

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
 Data File : BF115362.D
 Acq On : 2 Jul 2019 16:27
 Operator : HP/JU
 Sample : K3606-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MS

Manual Integrations
 APPROVED

mohammad
 7/3/2019 10:51:41 PM

Quant Time: Jul 03 06:00:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	216590	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	839798	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	409407	20.00	ng	0.02
64) Phenanthrene-d10	11.12	188	786011	20.00	ng	0.02
76) Chrysene-d12	13.75	240	440898	20.00	ng	0.03
87) Perylene-d12	15.12	264	516560	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1215392	86.59	ng	0.02
7) Phenol-d6	6.25	99	1546003	90.75	ng	0.02
23) Nitrobenzene-d5	7.17	82	959281	70.27	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	429938	99.58	ng	0.02
45) 2-Fluorobiphenyl	8.97	172	1615173	67.01	ng	0.01
79) Terphenyl-d14	12.71	244	1488553	71.78	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	170947	25.807	ng	99
3) Pyridine	2.89	79	447735	23.982	ng	98
4) n-Nitrosodimethylamine	2.82	42	196271	26.817	ng	99
6) Aniline	6.27	93	477905	20.412	ng	# 6
8) 2-Chlorophenol	6.40	128	507249	32.141	ng	98
9) Benzaldehyde	6.15	77	284213	25.572	ng	98
10) Phenol	6.27	94	611146	30.626	ng	87
11) bis(2-Chloroethyl)ether	6.35	93	455913	30.994	ng	99
12) 1,3-Dichlorobenzene	6.55	146	550253	31.416	ng	100
13) 1,4-Dichlorobenzene	6.62	146	558429	31.794	ng	100
14) 1,2-Dichlorobenzene	6.78	146	521297	32.050	ng	99
15) Benzyl Alcohol	6.75	79	354856	28.606	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	639515	29.976	ng	93
17) 2-Methylphenol	6.88	107	445734	34.217	ng	98
18) Hexachloroethane	7.12	117	192034	30.327	ng	96
19) n-Nitroso-di-n-propylamine	7.03	70	321452	29.474	ng	98
20) 3+4-Methylphenols	7.03	107	507126	33.714	ng	# 76
22) Acetophenone	7.02	105	691062	35.945	ng	# 93
24) Nitrobenzene	7.19	77	504279	33.529	ng	99
25) Isophorone	7.44	82	908911	32.500	ng	100
26) 2-Nitrophenol	7.51	139	284358	38.285	ng	96
27) 2,4-Dimethylphenol	7.56	122	445795	36.658	ng	99
28) bis(2-Chloroethoxy)methane	7.65	93	578761	32.743	ng	99
29) 2,4-Dichlorophenol	7.75	162	442331	35.246	ng	99
30) 1,2,4-Trichlorobenzene	7.84	180	472436	34.081	ng	99
31) Naphthalene	7.91	128	1454772	35.290	ng	99
32) Benzoic acid	7.62	122	44297m	5.103	ng	
33) 4-Chloroaniline	7.96	127	337931	17.937	ng	99
34) Hexachlorobutadiene	8.04	225	257446	33.890	ng	99
35) Caprolactam	8.32	113	143941m	34.114	ng	
36) 4-Chloro-3-methylphenol	8.46	107	442333	34.803	ng	97
37) 2-Methylnaphthalene	8.61	142	973796	35.035	ng	98
38) 1-Methylnaphthalene	8.70	142	909020	34.243	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	423447	36.601	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	443910	64.709	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	313194	35.065	ng	98
44) 2,4,5-Trichlorophenol	8.92	196	341092	37.083	ng	99
46) 1,1'-Biphenyl	9.07	154	1147655	35.034	ng	98
47) 2-Chloronaphthalene	9.09	162	910088	34.250	ng	98
48) 2-Nitroaniline	9.18	65	265227	34.237	ng	97
49) Acenaphthylene	9.50	152	1436588	34.700	ng	99
50) Dimethylphthalate	9.38	163	1552520	51.543	ng	99
51) 2,6-Dinitrotoluene	9.43	165	246833	35.495	ng	99
52) Acenaphthene	9.68	154	835239	32.241	ng	98
53) 3-Nitroaniline	9.60	138	238720	28.131	ng	99
54) 2,4-Dinitrophenol	9.70	184	86275	29.241	ng	97
55) Dibenzofuran	9.85	168	1267312	34.084	ng	99
56) 4-Nitrophenol	9.77	139	427894	62.895	ng	89
57) 2,4-Dinitrotoluene	9.83	165	323245	36.000	ng	93
58) Fluorene	10.19	166	909567	35.325	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	278772	36.144	ng	97
60) Diethylphthalate	10.08	149	1041269	34.391	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	430213	35.068	ng	97
62) 4-Nitroaniline	10.21	138	274418	32.234	ng	99
63) Azobenzene	10.34	77	919159	32.502	ng	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	140051	34.987	ng	98
66) n-Nitrosodiphenylamine	10.31	169	866351	35.379	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	291882	34.251	ng	96
68) Hexachlorobenzene	10.74	284	322433	34.857	ng	97
69) Atrazine	10.84	200	278604	35.368	ng	99
70) Pentachlorophenol	10.93	266	369710	62.738	ng	97
71) Phenanthrene	11.15	178	1650405	38.998	ng	99
72) Anthracene	11.19	178	1498847	35.086	ng	100
73) Carbazole	11.35	167	1295287	33.955	ng	100
74) Di-n-butylphthalate	11.69	149	1555443	35.286	ng	100
75) Fluoranthene	12.33	202	1742661	41.271	ng	97
77) Benzidine	12.45	184	436214	22.281	ng	# 95
78) Pyrene	12.55	202	1668757	49.250	ng	99
80) Butylbenzylphthalate	13.18	149	568883	38.045	ng	98
81) Benzo(a)anthracene	13.74	228	1260443	39.842	ng	100
82) 3,3'-Dichlorobenzidine	13.71	252	316489	27.703	ng	98
83) Chrysene	13.78	228	1195329	41.248	ng	99
84) Bis(2-ethylhexyl)phthalate	13.75	149	770391	39.319	ng	99
85) Di-n-octyl phthalate	14.37	149	1248211	37.917	ng	99
86) Indeno(1,2,3-cd)pyrene	16.41	276	1017074	29.660	ng	98
88) Benzo(b)fluoranthene	14.75	252	1369919	42.502	ng	99
89) Benzo(k)fluoranthene	14.77	252	1024060	35.428	ng	98
90) Benzo(a)pyrene	15.07	252	1172754	40.369	ng	99
91) Dibenzo(a,h)anthracene	16.42	278	781048	28.799	ng	97
92) Benzo(g,h,i)perylene	16.79	276	798134	29.076	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

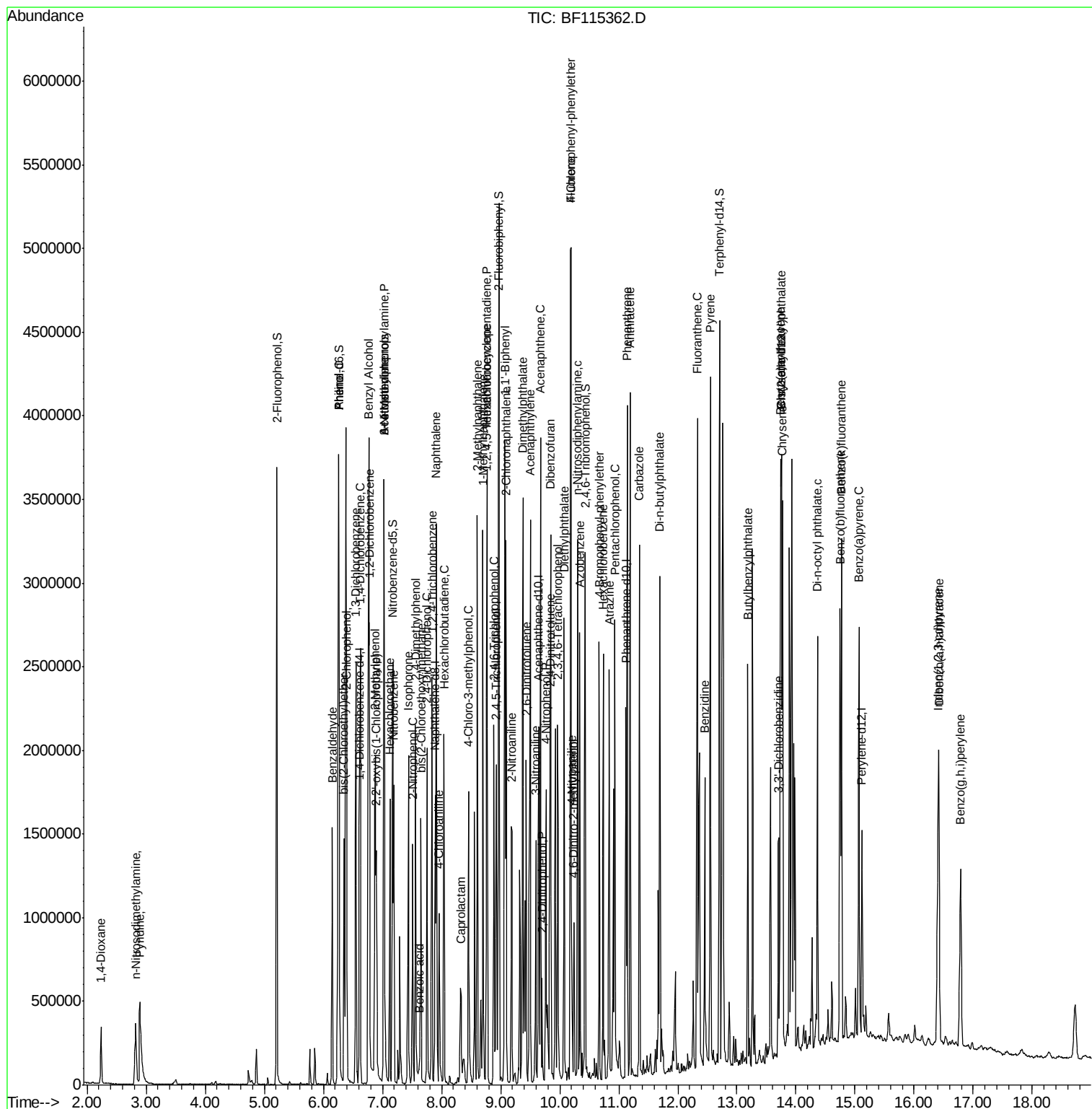
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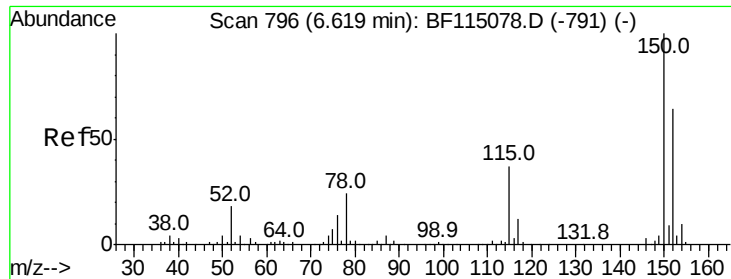
Instrument :
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#1

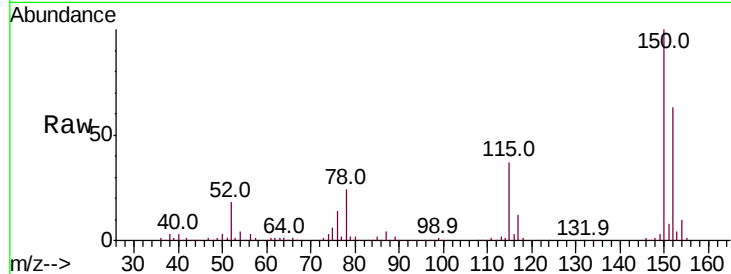
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

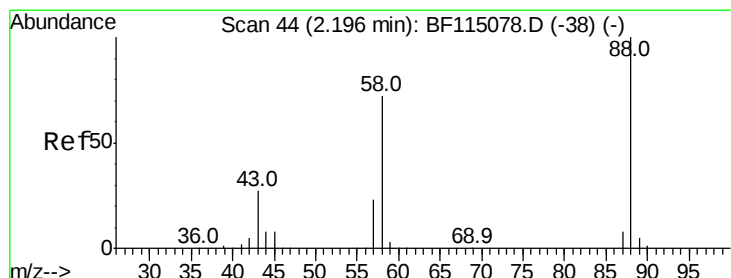
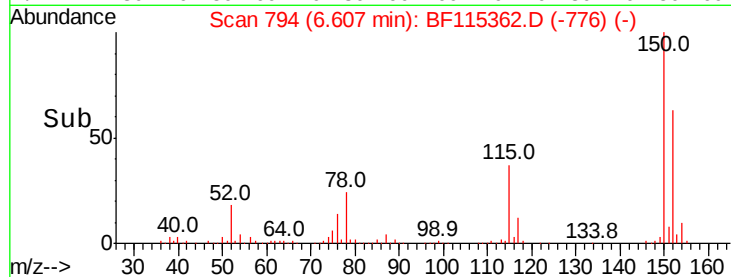
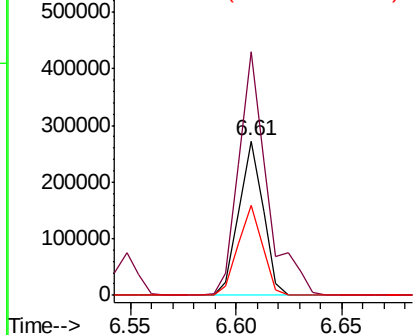
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.2	186.2
115	58.3	46.1	69.1

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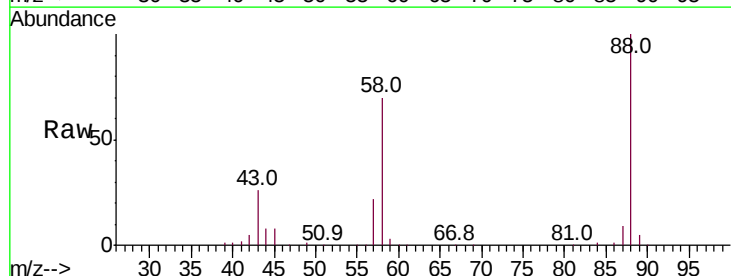
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



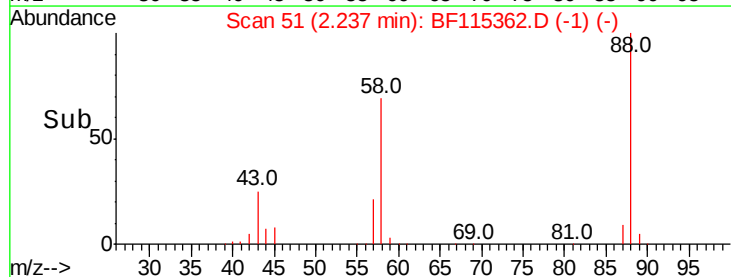
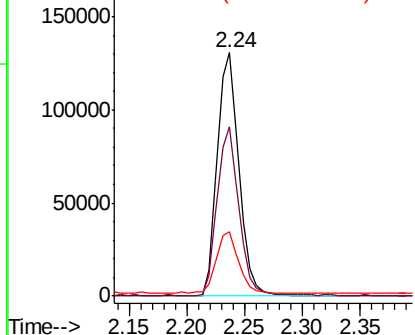
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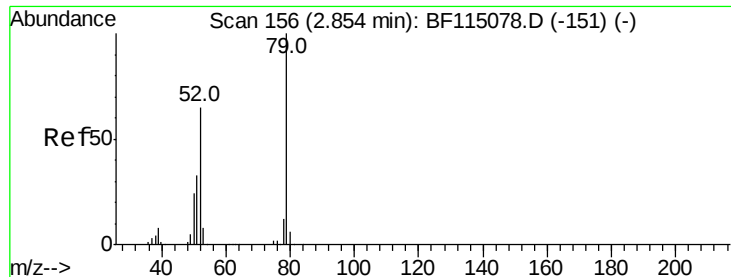
1,4-Dioxane
Concen: 25.807 ng
RT: 2.24 min Scan# 51
Delta R.T. 0.08 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.9	56.1	84.1
43	26.0	21.3	31.9



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 23.982 ng

RT: 2.89 min Scan# 162

Delta R.T. 0.09 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

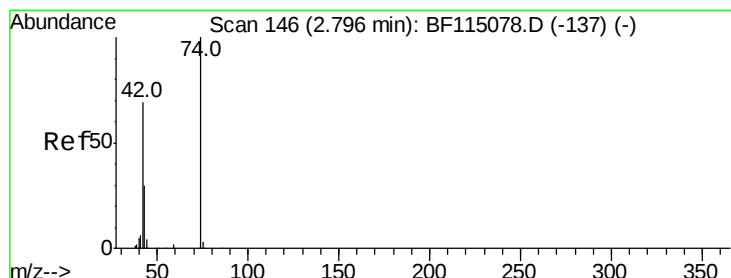
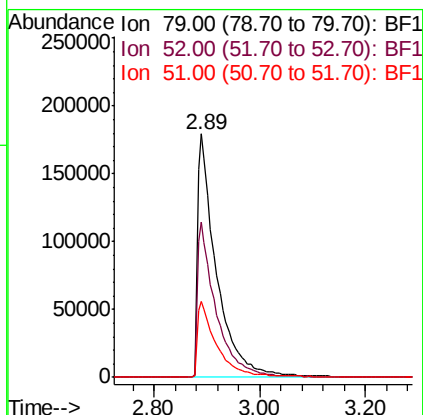
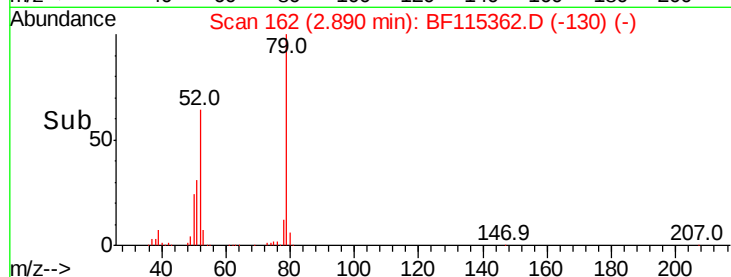
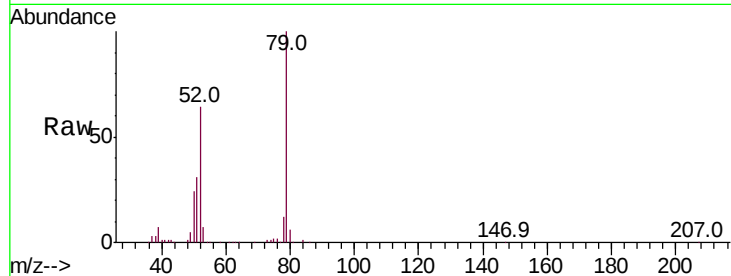
ClientSampleId :

HJDC-COMP-1MS

Tot Ion:	79	Resp:	447735
Ion Ratio	Lower	Upper	
79	100		
52	63.9	52.3	78.5
51	31.2	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 26.817 ng

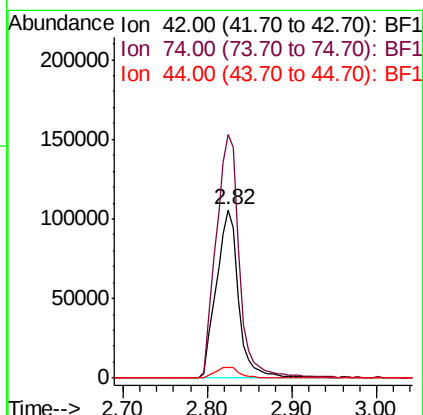
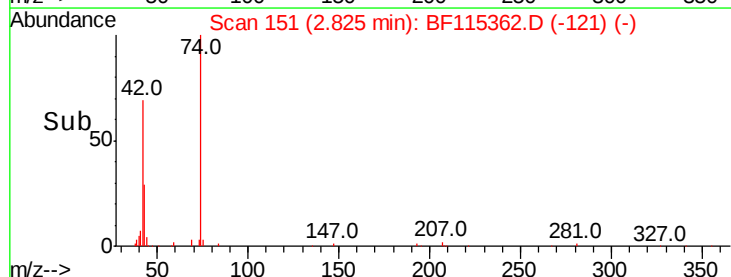
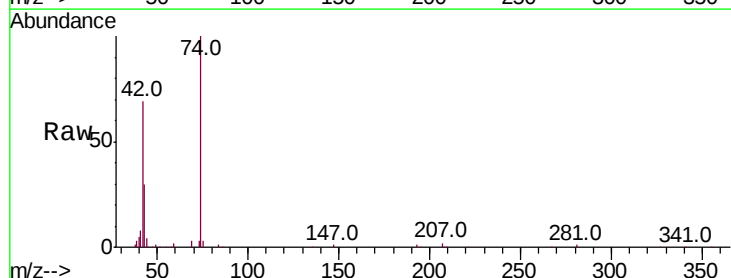
RT: 2.82 min Scan# 151

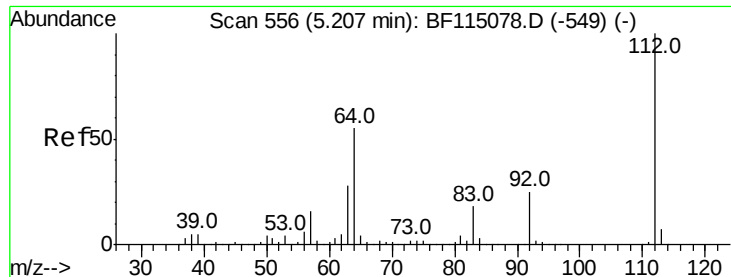
Delta R.T. 0.08 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Tgt Ion:	42	Resp:	196271
Ion Ratio	Lower	Upper	
42	100		
74	144.6	116.6	175.0
44	6.5	5.3	7.9





#5

2-Fluorophenol

Concen: 86.595 ng

RT: 5.21 min Scan# 557

Delta R.T. 0.02 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

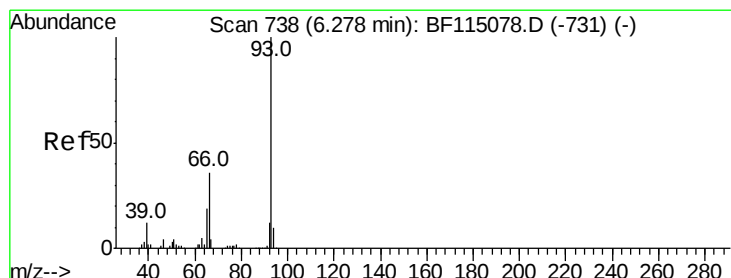
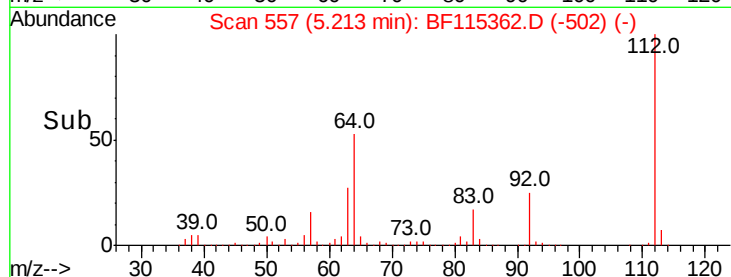
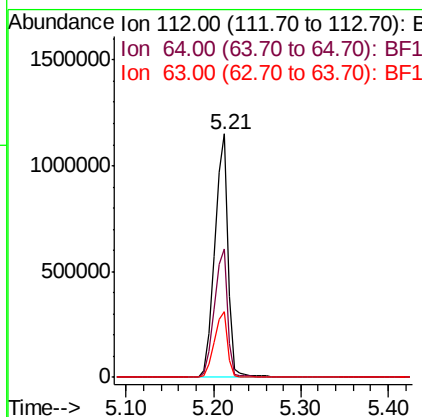
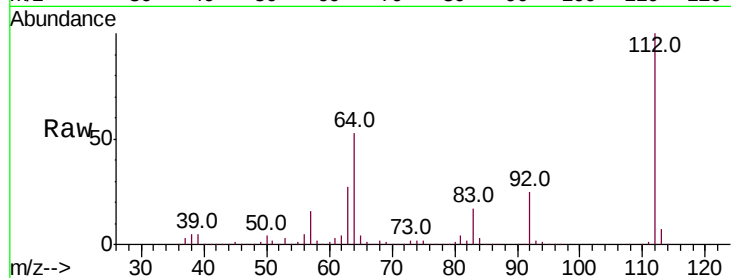
ClientSampleId :

HJDC-COMP-1MS

Tot Ion:	112	Resp:	1215392
Ion	Ratio	Lower	Upper
112	100		
64	53.0	43.8	65.6
63	27.1	22.2	33.4

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#6

Aniline

Concen: 20.412 ng

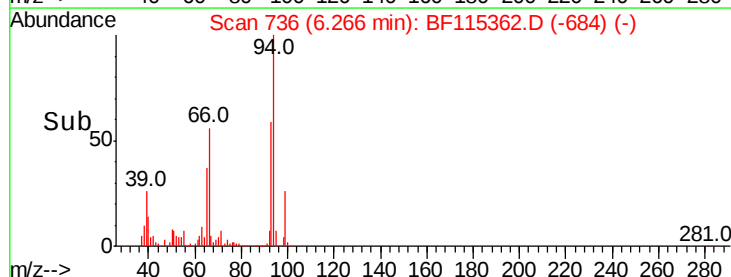
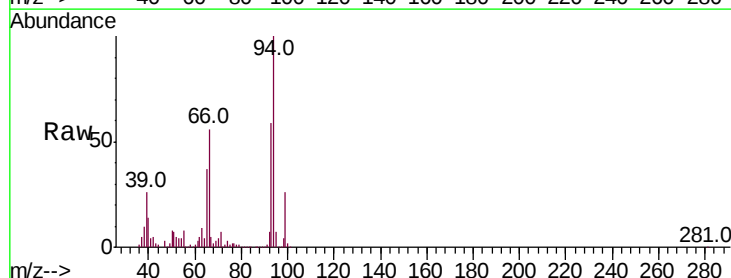
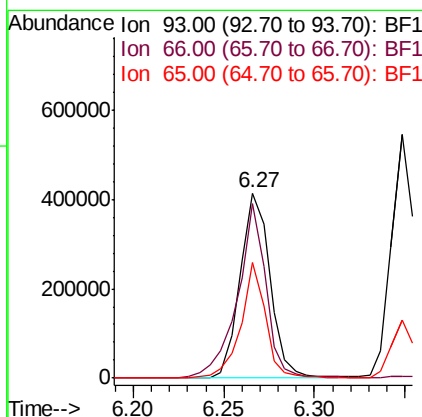
RT: 6.27 min Scan# 736

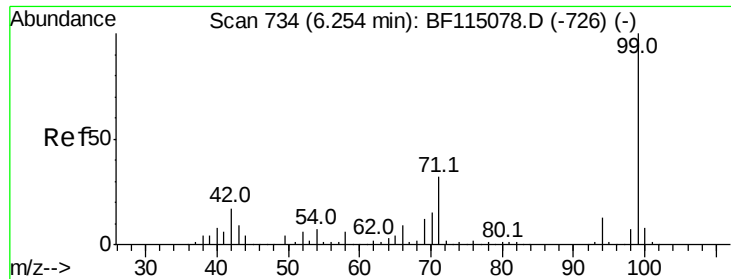
Delta R.T. 0.01 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Tgt Ion:	93	Resp:	477905
Ion	Ratio	Lower	Upper
93	100		
66	93.9	30.0	45.0#
65	62.4	15.6	23.4#





#7

Phenol-d6

Concen: 90.752 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.02 min

Lab File: BF115362.D

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ClientSampleId :

HJDC-COMP-1MS

Tot Ion: 99 Resp: 1546003

Ion Ratio Lower Upper

99 100

42 16.6 13.6 20.4

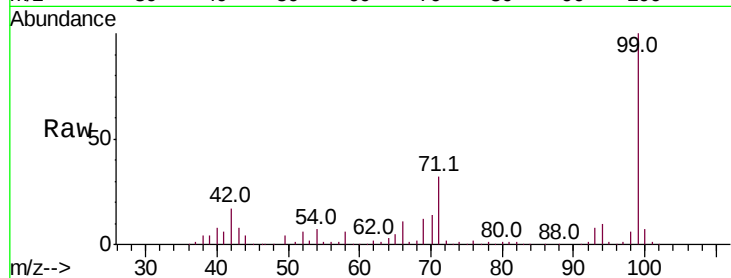
71 32.1 25.5 38.3

Manual Integrations

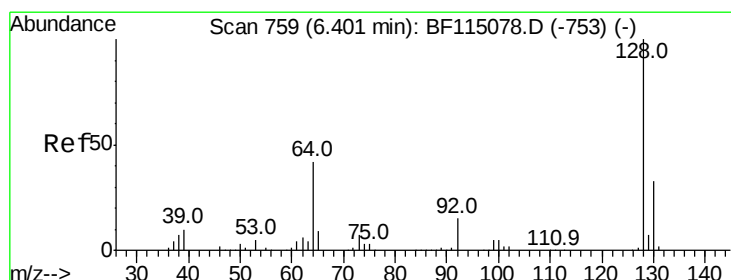
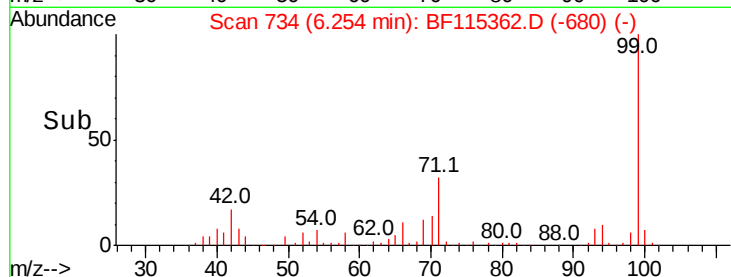
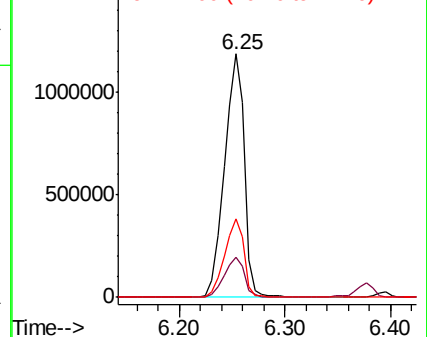
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 32.141 ng

RT: 6.40 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

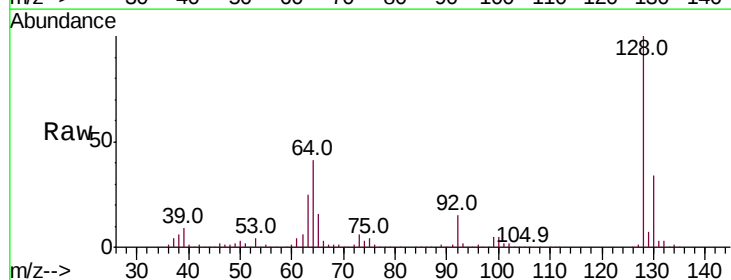
Tgt Ion:128 Resp: 507249

Ion Ratio Lower Upper

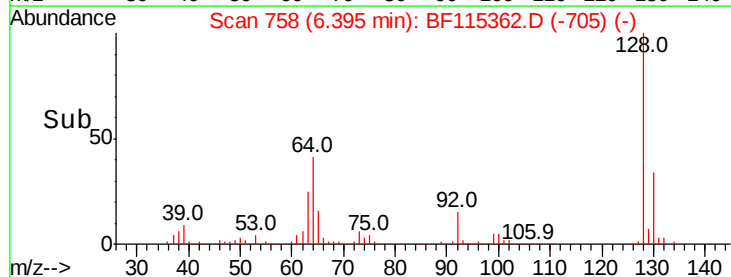
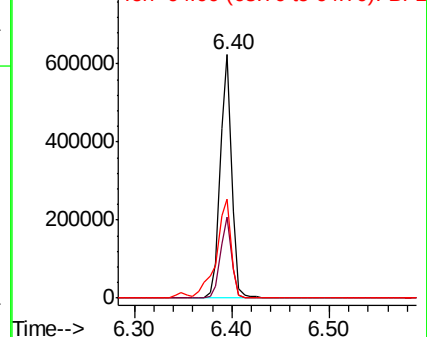
128 100

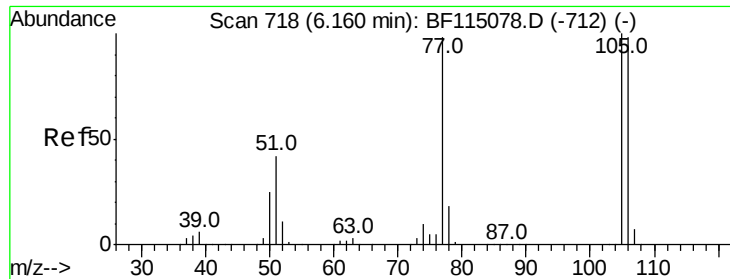
130 33.5 12.9 52.9

64 40.7 22.9 62.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.572 ng

RT: 6.15 min Scan# 716

Delta R.T. 0.01 min

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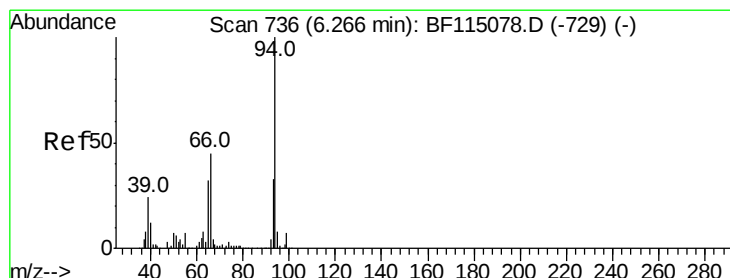
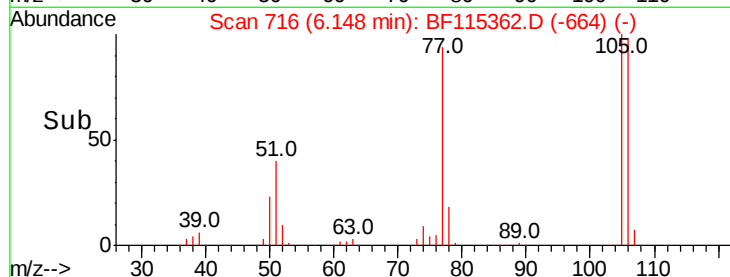
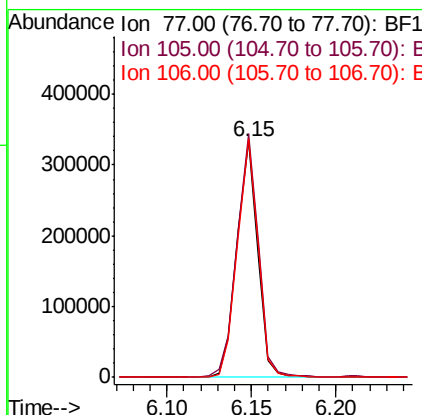
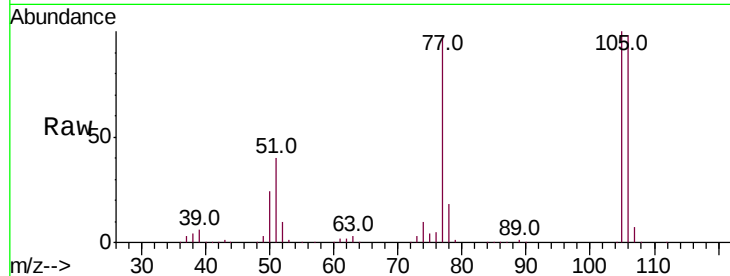
ClientSampleId :

HJDC-COMP-1MS

Tot Ion:	77	Resp:	284213
Ion Ratio	Lower	Upper	
77	100		
105	103.4	81.5	121.5
106	101.2	79.7	119.7

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#10

Phenol

Concen: 30.626 ng

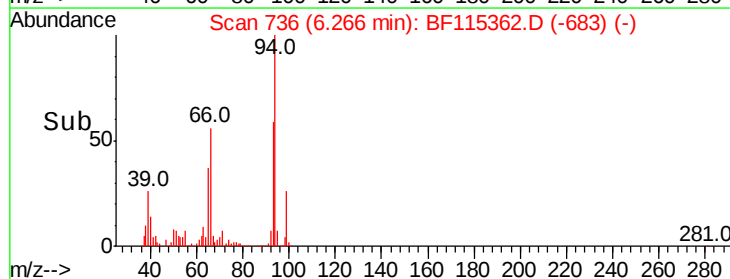
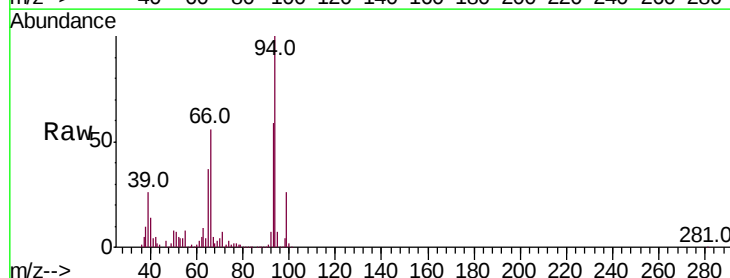
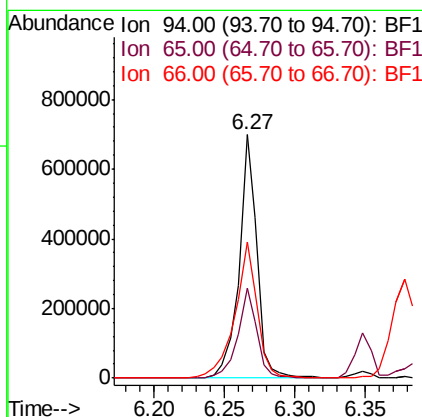
RT: 6.27 min Scan# 736

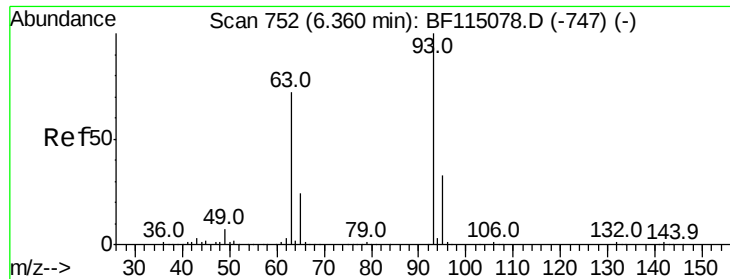
Delta R.T. 0.01 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Tgt Ion:	94	Resp:	611146
Ion Ratio	Lower	Upper	
94	100		
65	37.0	11.9	51.9
66	55.7	25.2	65.2





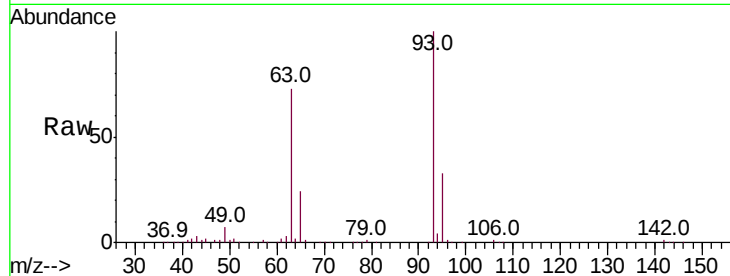
#11
bis(2-Chloroethyl)ether
Concen: 30.994 ng
RT: 6.35 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	455913		
63	73.1		51.5	91.5
95	33.0		13.4	53.4

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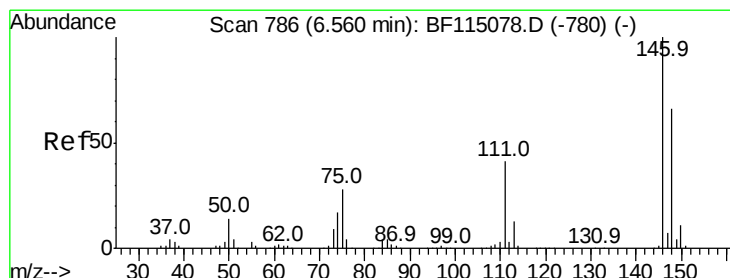
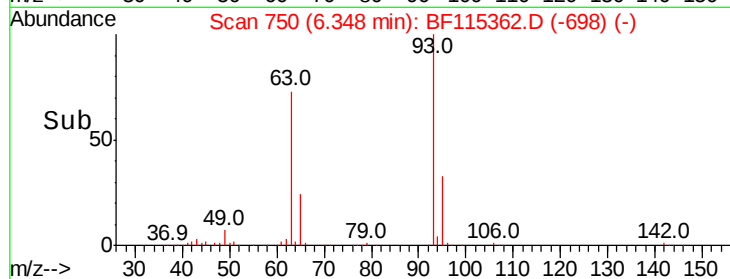
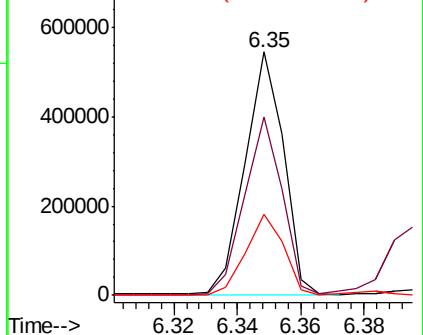


Abundance

Ion 93.00 (92.70 to 93.70): BF1

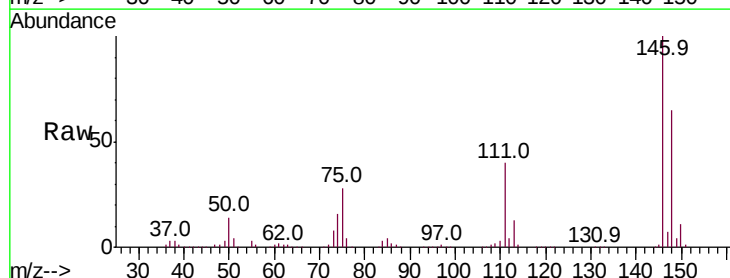
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 31.416 ng
RT: 6.55 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	550253		
148	65.4		52.6	78.8
75	28.0		22.6	34.0

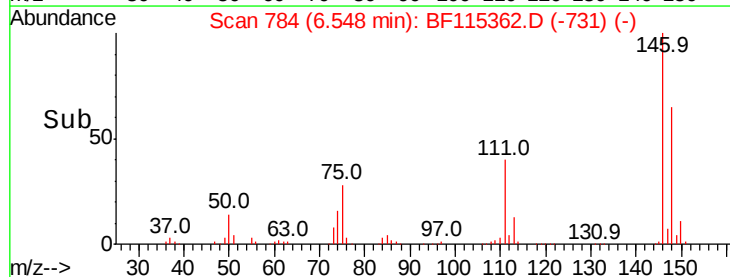
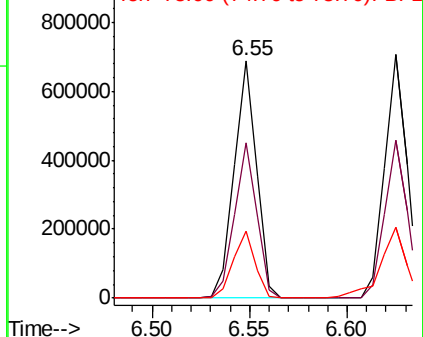


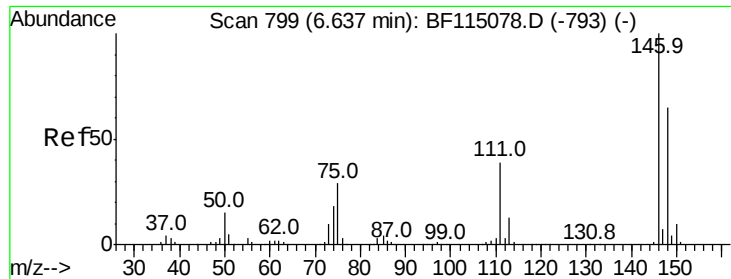
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





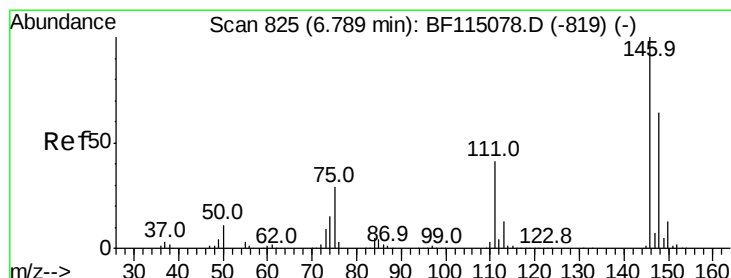
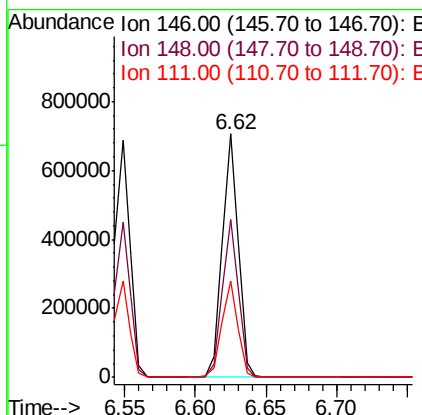
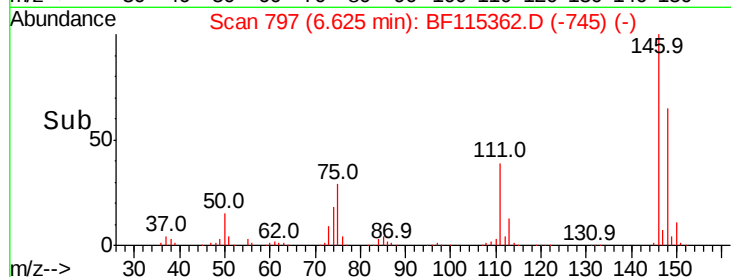
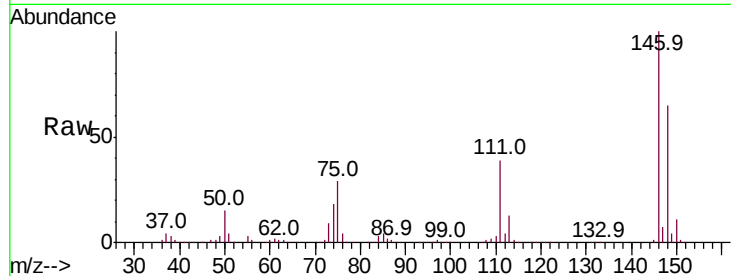
#13
 1,4-Dichlorobenzene
 Concen: 31.794 ng
 RT: 6.62 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF115362.D
 Acq: 2 Jul 2019 16:27

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.9	77.9
111	39.5	31.4	47.0

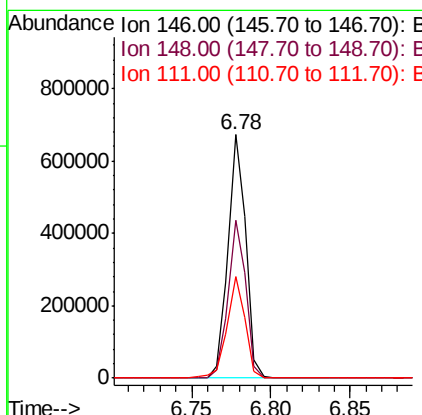
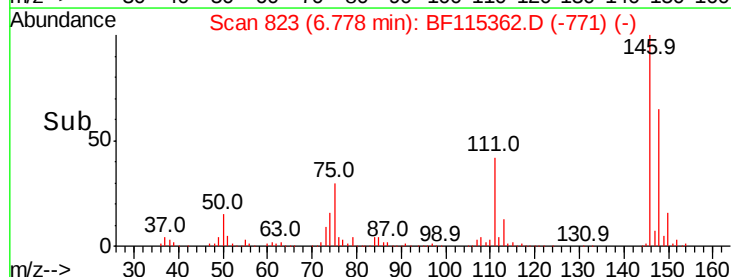
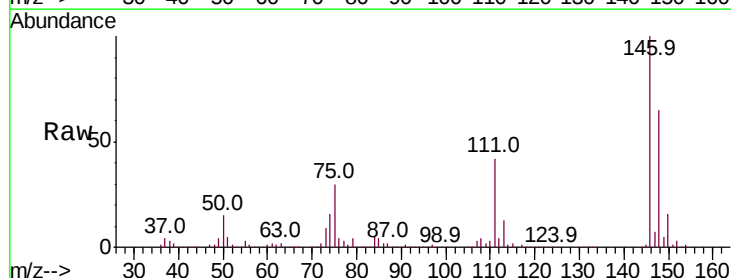
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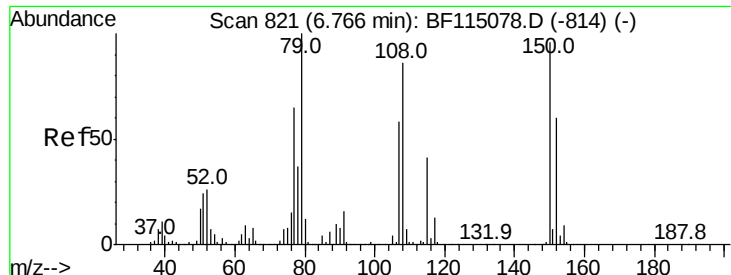
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#14
 1,2-Dichlorobenzene
 Concen: 32.050 ng
 RT: 6.78 min Scan# 823
 Delta R.T. 0.01 min
 Lab File: BF115362.D
 Acq: 2 Jul 2019 16:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.1	76.7
111	41.7	33.2	49.8





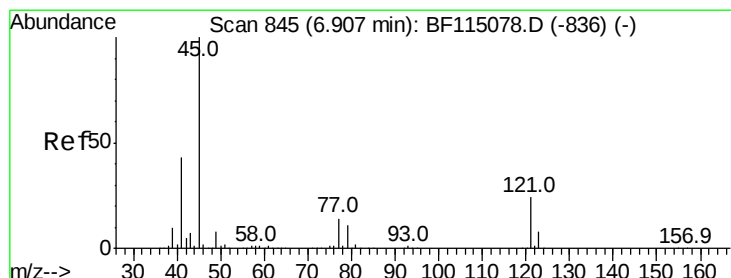
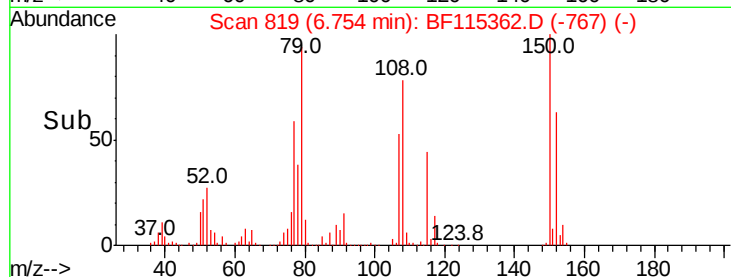
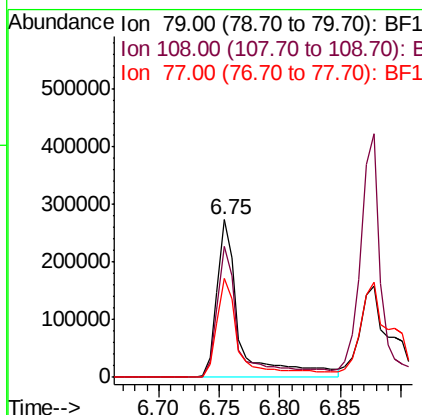
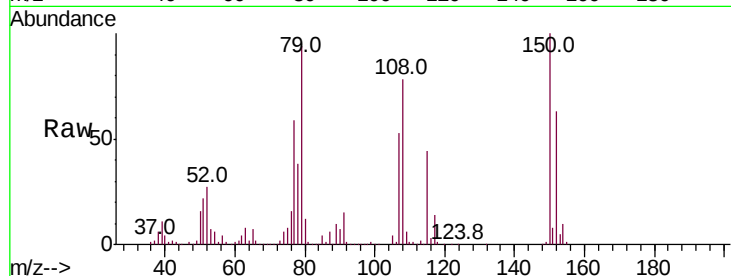
#15
Benzyl Alcohol
Concen: 28.606 ng
RT: 6.75 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.0	68.7	103.1
77	62.6	51.7	77.5

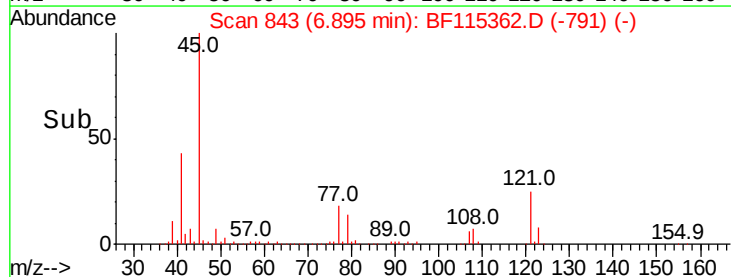
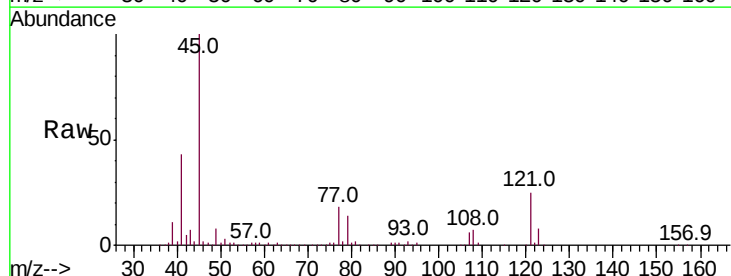
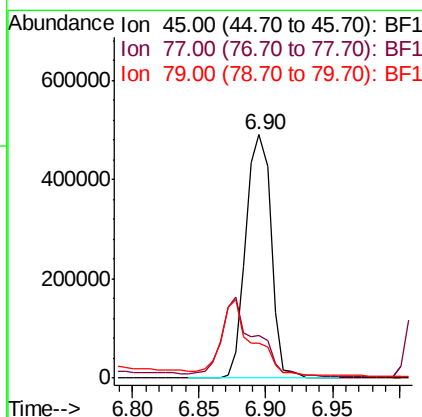
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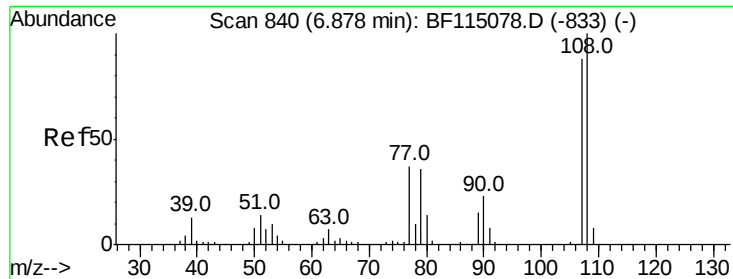
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.976 ng
RT: 6.90 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.5	0.0	34.6
79	14.2	0.0	31.2





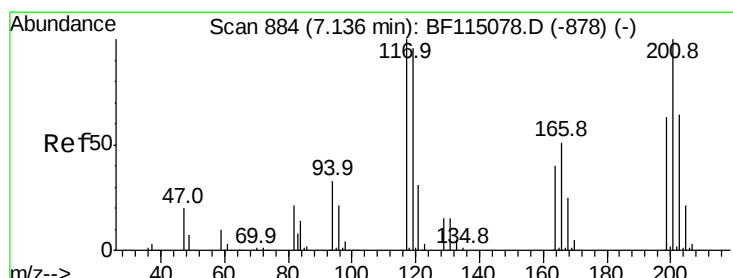
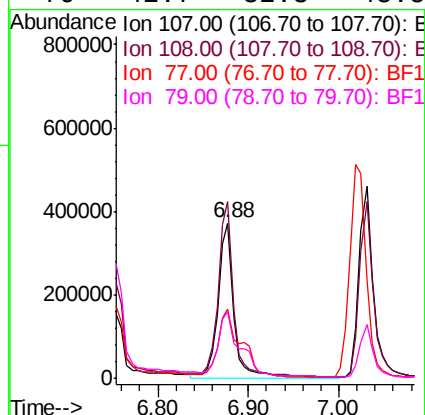
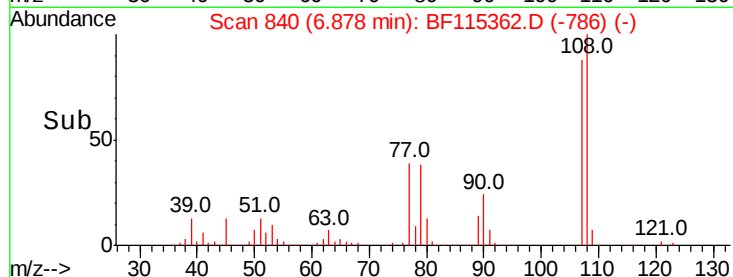
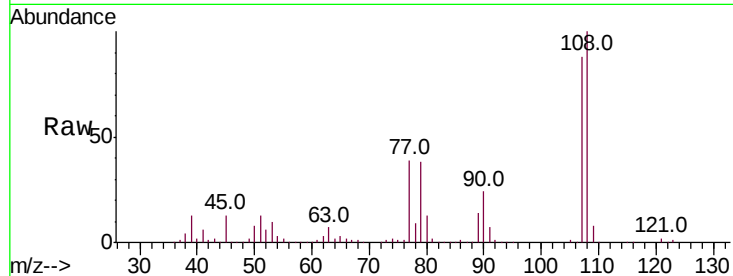
#17
2-Methylphenol
Concen: 34.217 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.02 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tot Ion	107	Resp	445734
Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.9	136.3
77	44.1	33.4	50.2
79	42.7	32.3	48.5

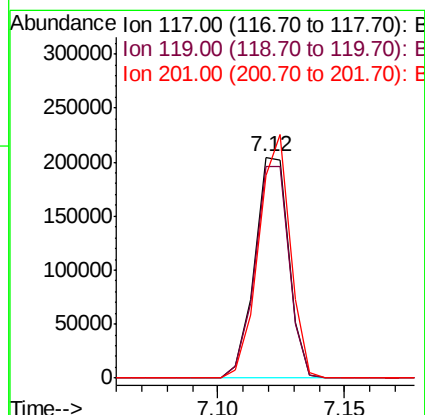
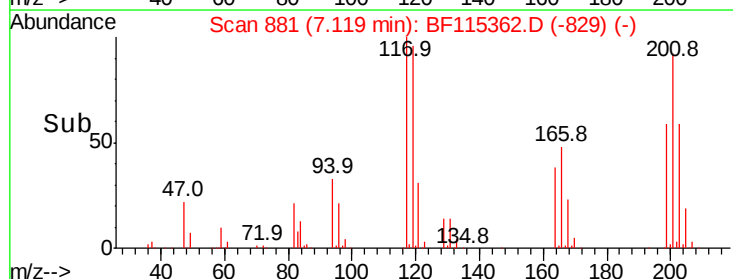
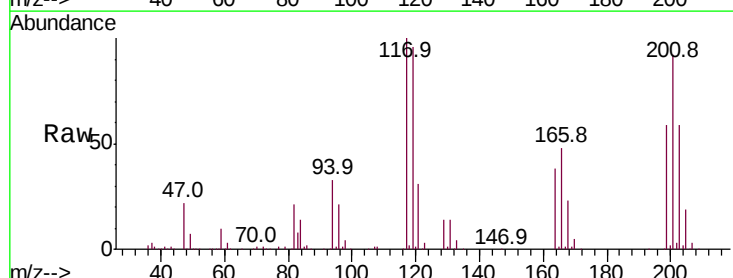
Manual Integrations
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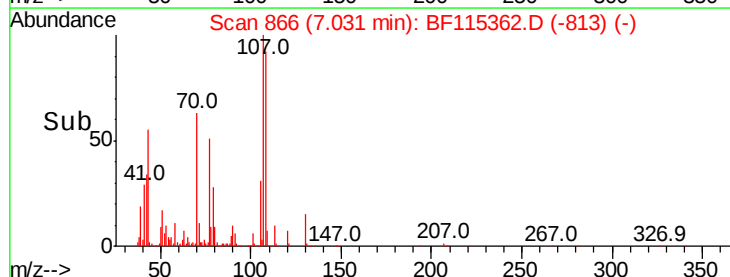
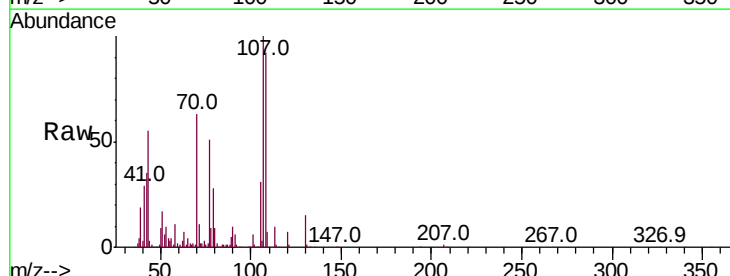
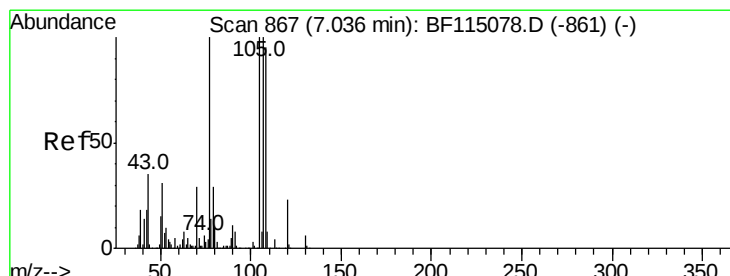
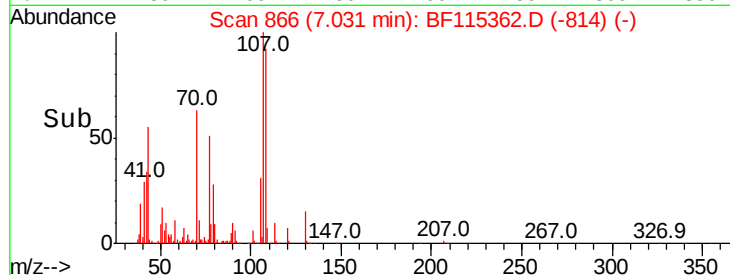
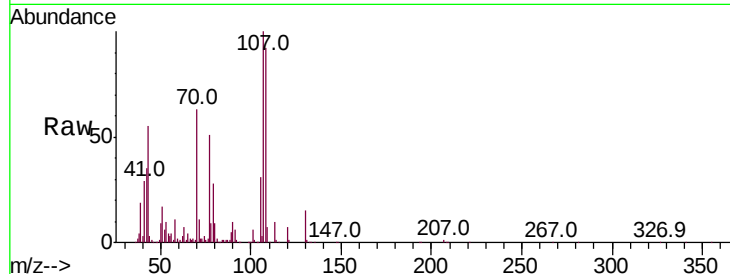
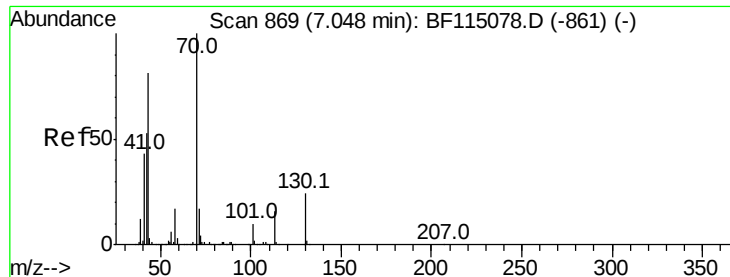
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#18
Hexachloroethane
Concen: 30.327 ng
RT: 7.12 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion	117	Resp	192034
Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.6	114.8
201	91.8	80.2	120.2





#19

n-Nitroso-di-n-propylamine

Concen: 29.474 ng

RT: 7.03 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF115362.D

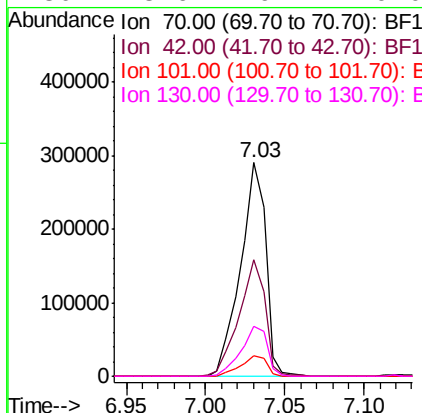
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.8	42.6	63.8
101	9.7	8.0	12.0
130	23.6	19.4	29.0

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#20

3+4-Methylphenols

Concen: 33.714 ng

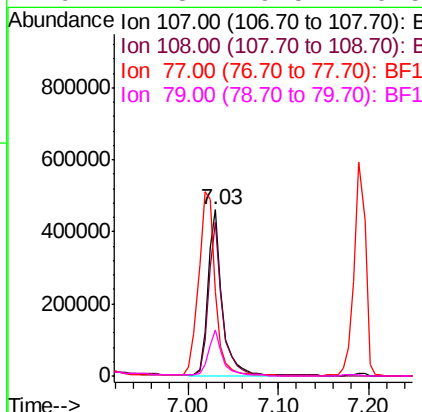
RT: 7.03 min Scan# 866

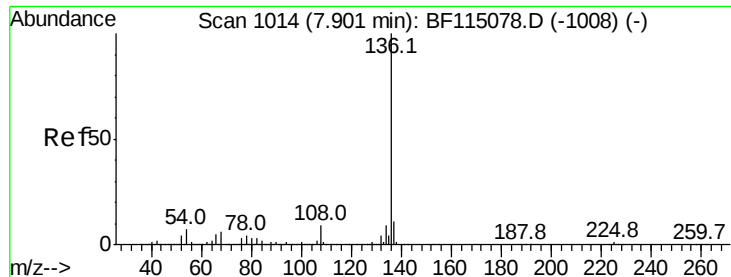
Delta R.T. 0.01 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.2	75.5	115.5
77	50.6	80.2	120.2#
79	27.8	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

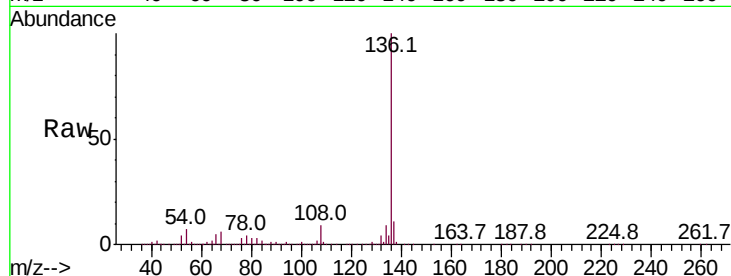
ClientSampleId :

HJDC-COMP-1MS

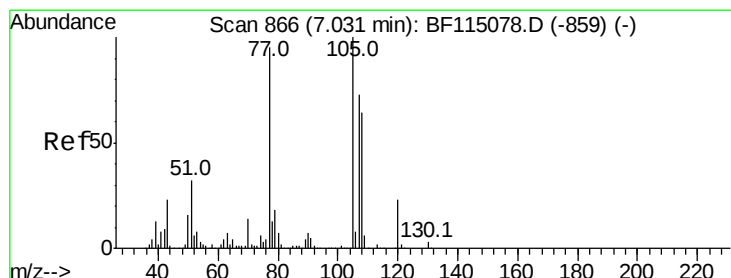
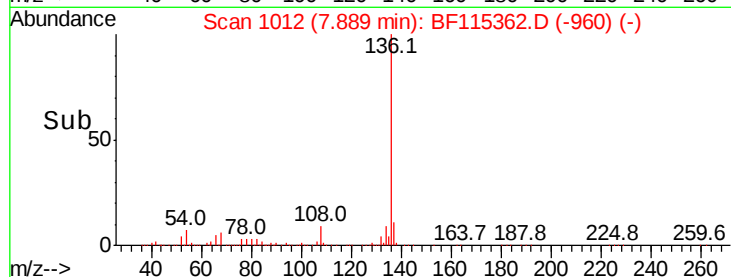
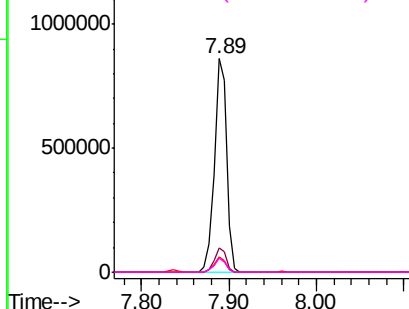
Tot Ion	Ratio	Resp	Lower	Upper
136	100	839798		
137	11.4		8.9	13.3
54	7.1		5.6	8.4
68	6.4		4.8	7.2

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 35.945 ng

RT: 7.02 min Scan# 864

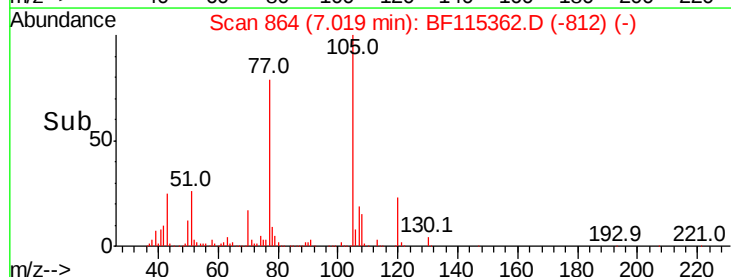
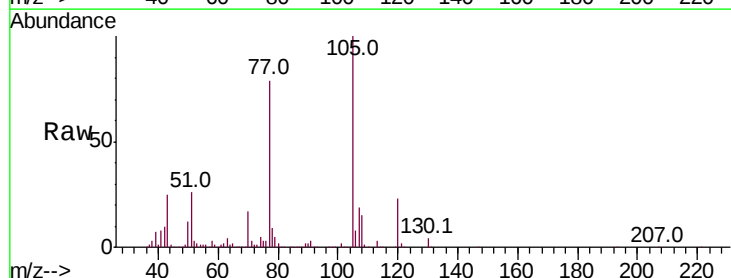
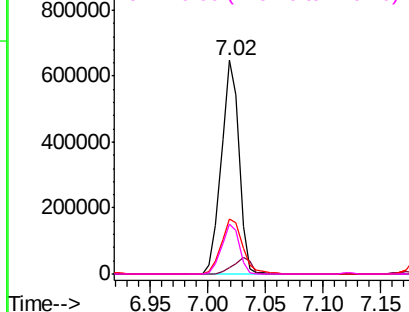
Delta R.T. 0.01 min

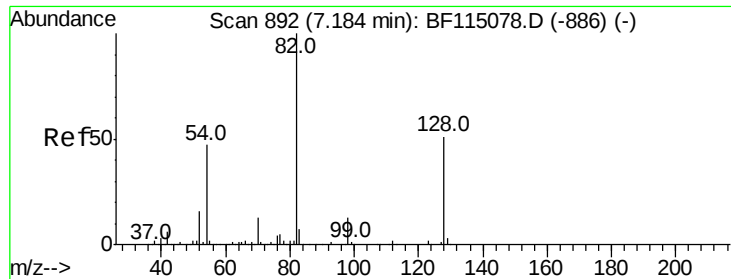
Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	691062		
71	2.9		1.9	2.9#
51	25.8		25.8	38.8
120	23.2		18.5	27.7

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





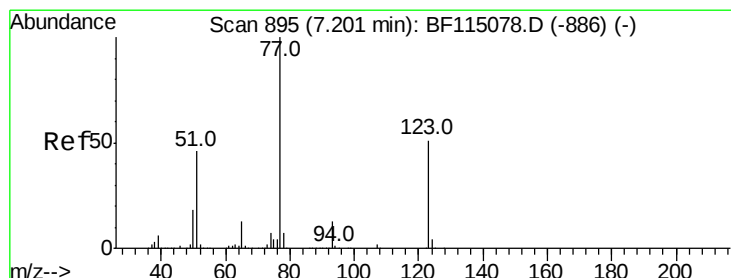
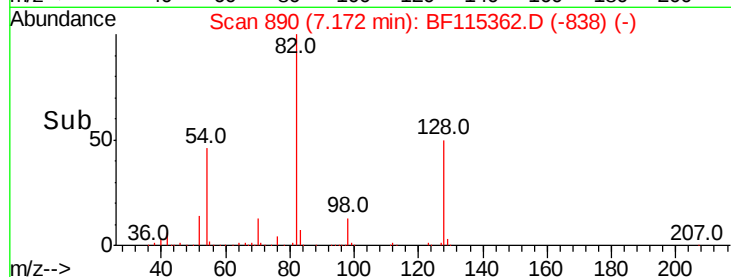
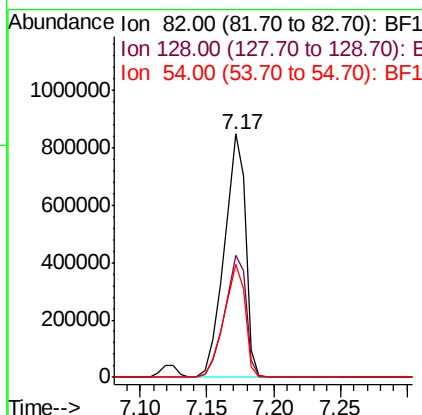
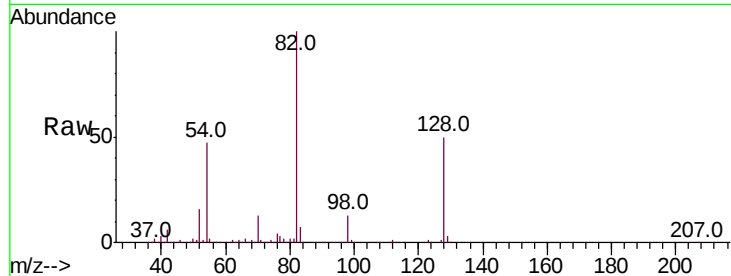
#23
Nitrobenzene-d5
Concen: 70.268 ng
RT: 7.17 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.9	40.4	60.6
54	46.6	37.5	56.3

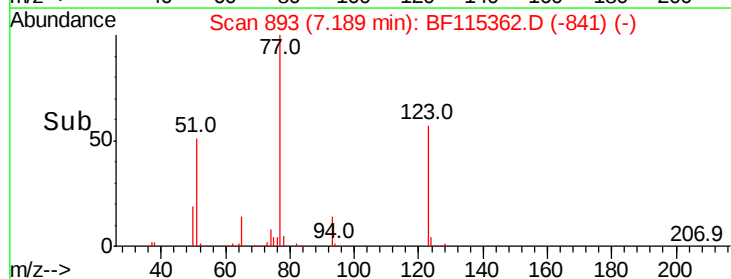
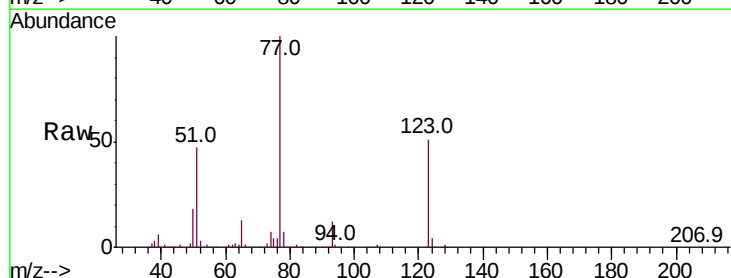
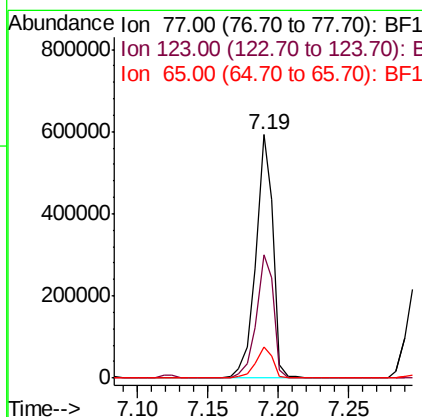
Manual Integrations
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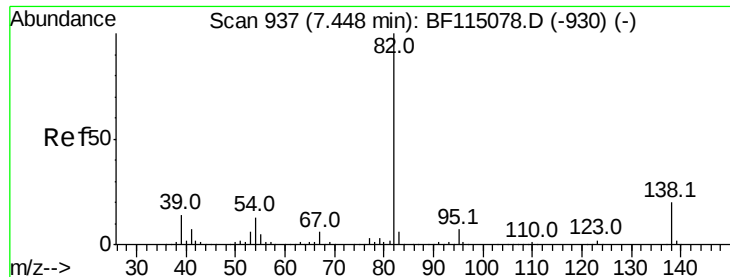
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#24
Nitrobenzene
Concen: 33.529 ng
RT: 7.19 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.6	41.0	61.6
65	13.0	10.5	15.7





#25

Isophorone

Concen: 32.500 ng

RT: 7.44 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

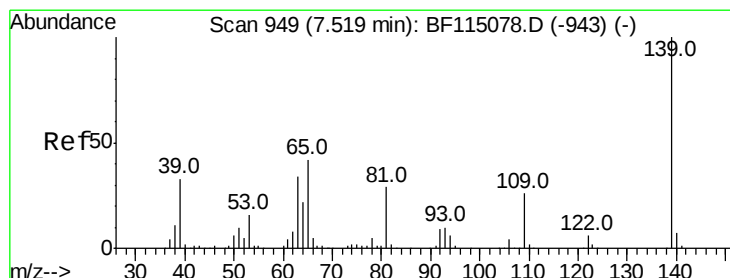
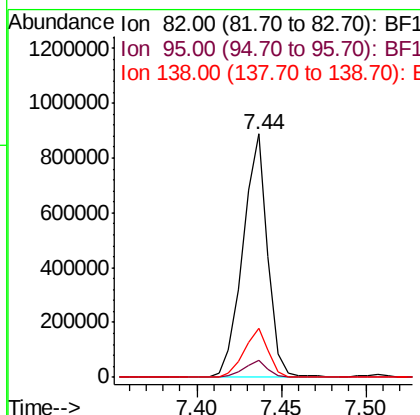
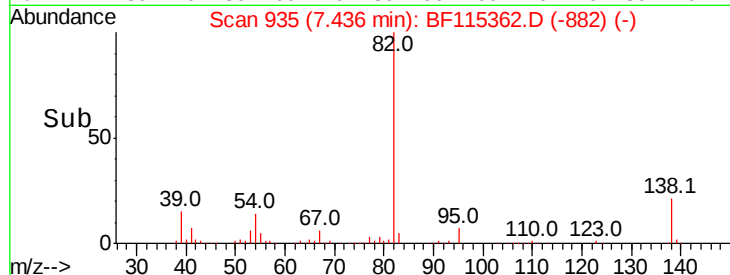
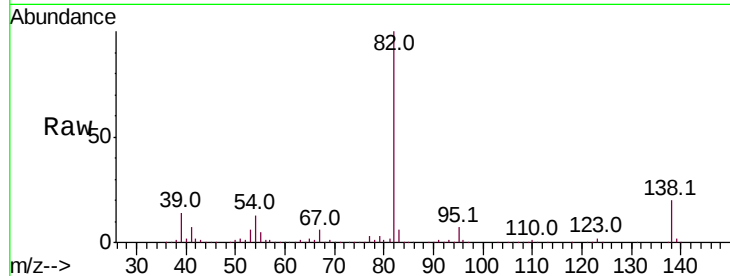
ClientSampleId :

HJDC-COMP-1MS

Tot Ion:	82	Resp:	908911
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	20.0	15.9	23.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.285 ng

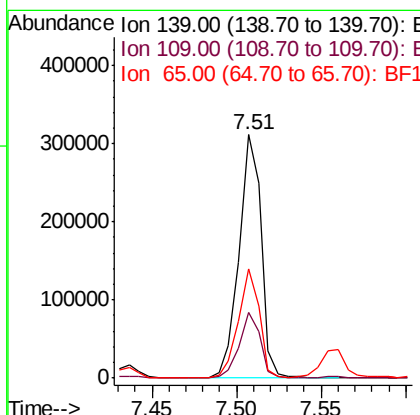
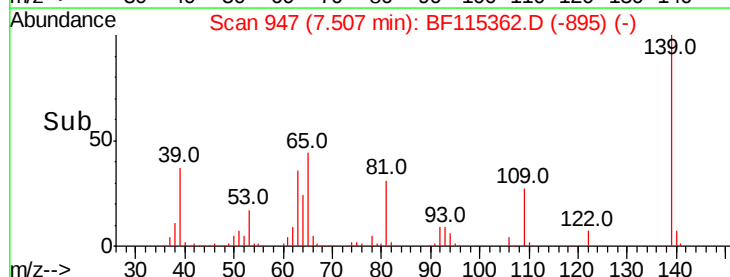
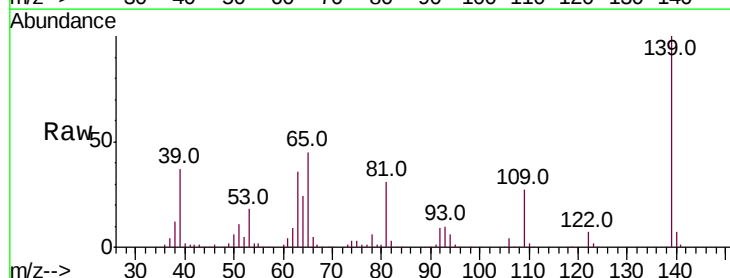
RT: 7.51 min Scan# 947

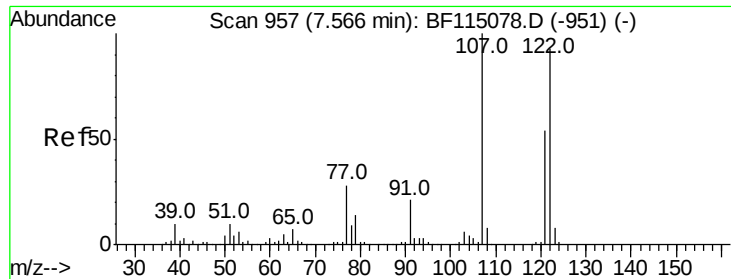
Delta R.T. 0.01 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Tgt Ion:	139	Resp:	284358
Ion Ratio	Lower	Upper	
139	100		
109	26.8	20.4	30.6
65	44.8	33.6	50.4





#27

2,4-Dimethylphenol

Concen: 36.658 ng

RT: 7.56 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

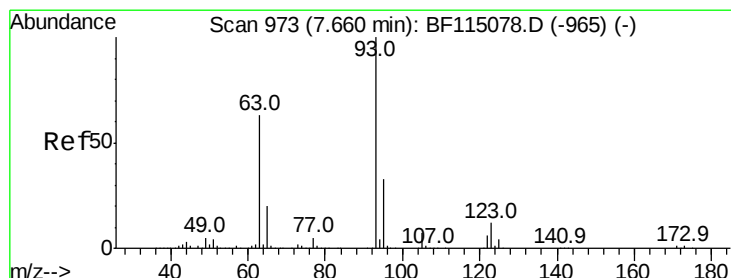
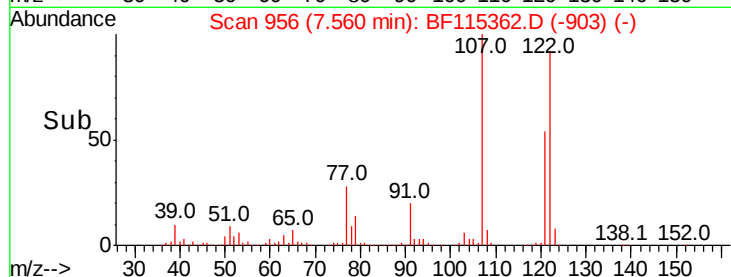
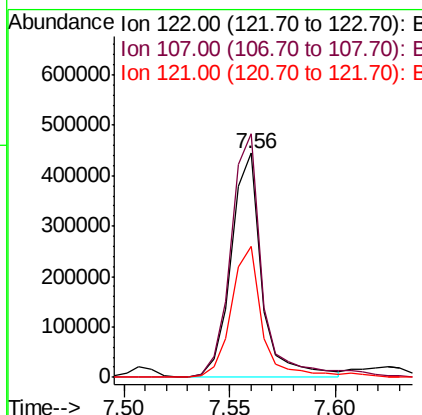
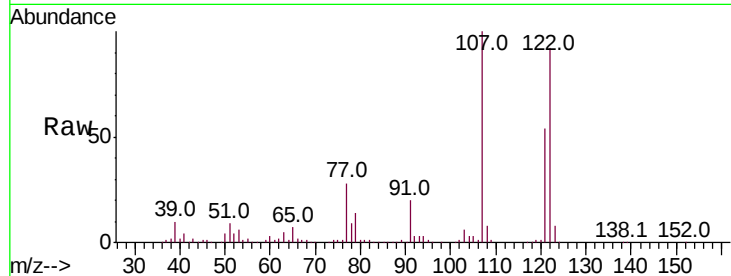
ClientSampleId :

HJDC-COMP-1MS

Tot Ion:	122	Resp:	445795
Ion Ratio	Lower	Upper	
122	100		
107	108.5	85.8	128.6
121	58.5	46.3	69.5

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 32.743 ng

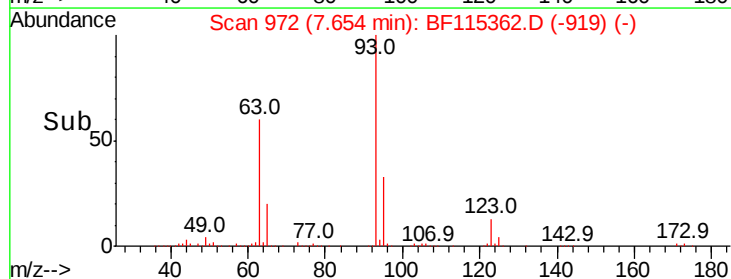
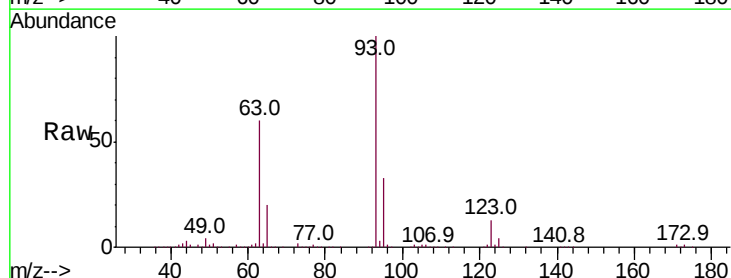
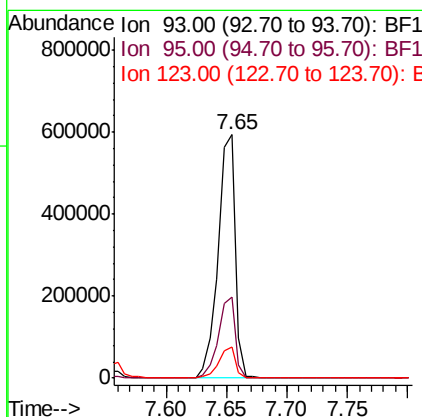
RT: 7.65 min Scan# 972

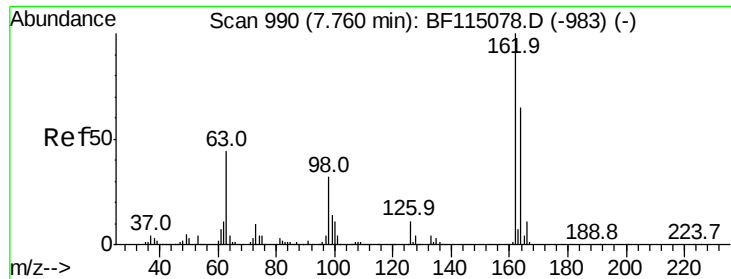
Delta R.T. 0.01 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Tgt Ion:	93	Resp:	578761
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.2	39.4
123	12.6	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 35.246 ng

RT: 7.75 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

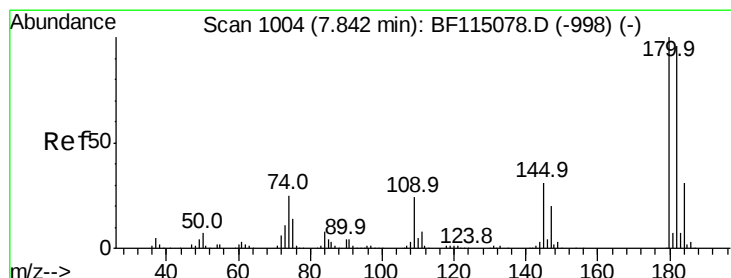
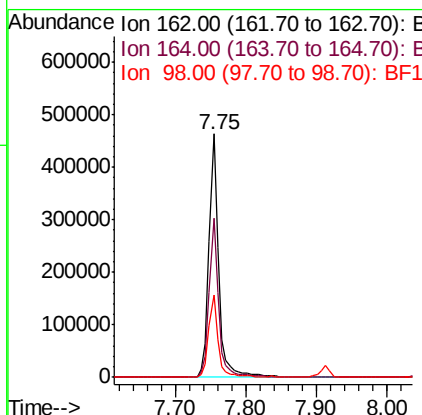
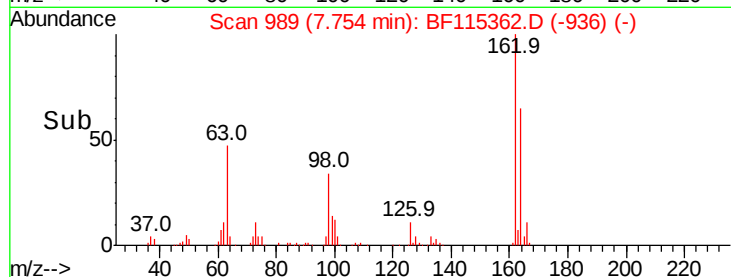
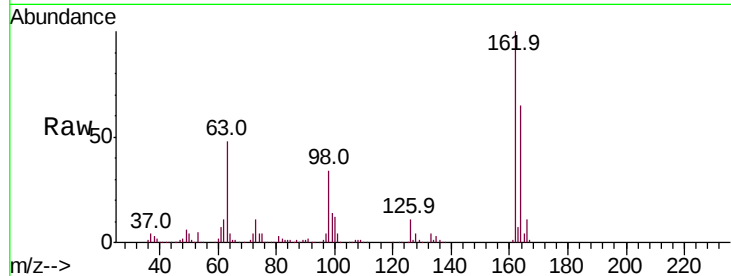
ClientSampleId :

HJDC-COMP-1MS

Tot Ion:	162	Resp:	442331
Ion Ratio	Lower	Upper	
162	100		
164	65.1	45.3	85.3
98	33.8	12.5	52.5

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 34.081 ng

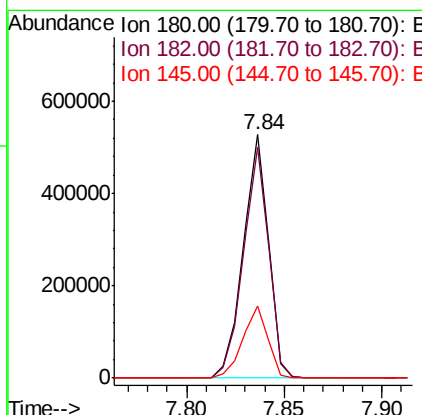
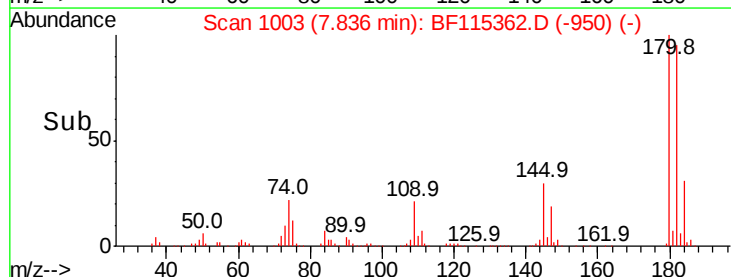
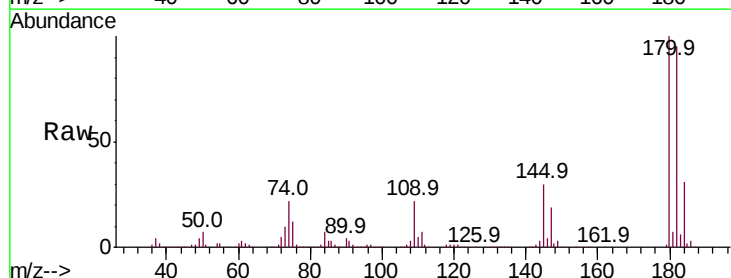
RT: 7.84 min Scan# 1003

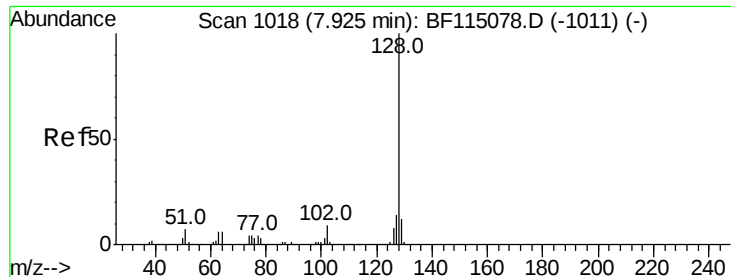
Delta R.T. 0.01 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Tgt Ion:	180	Resp:	472436
Ion Ratio	Lower	Upper	
180	100		
182	94.9	76.4	114.6
145	29.7	24.8	37.2





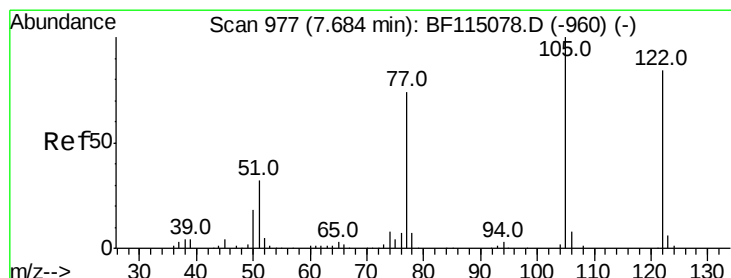
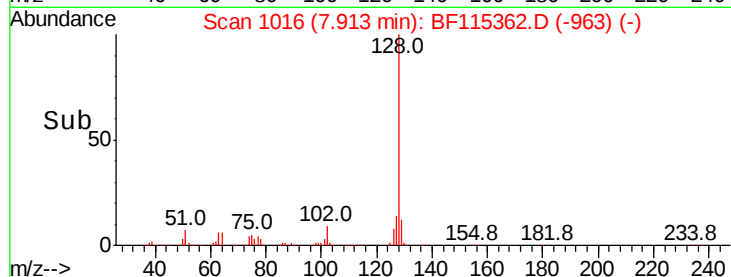
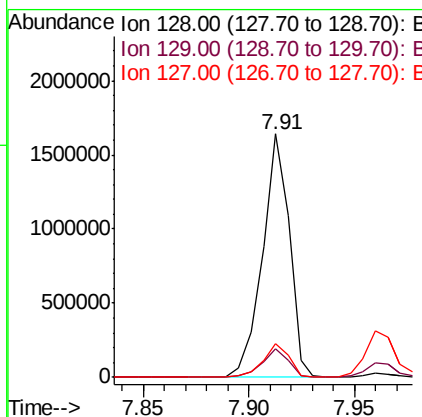
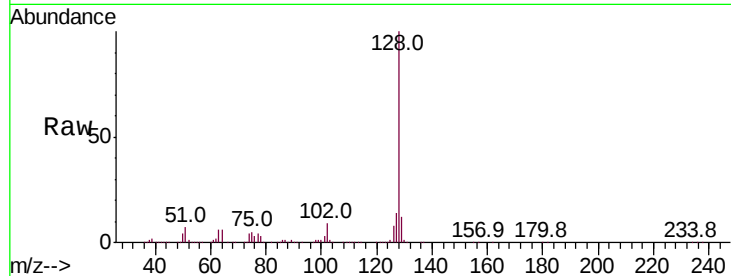
#31
Naphthalene
Concen: 35.290 ng
RT: 7.91 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tot Ion:128 Resp: 1454772
Ion Ratio Lower Upper
128 100
129 11.8 9.6 14.4
127 13.8 11.4 17.0

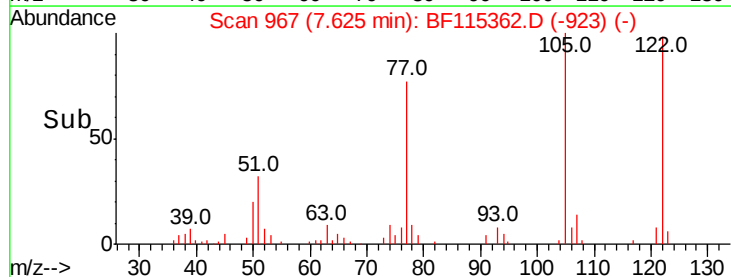
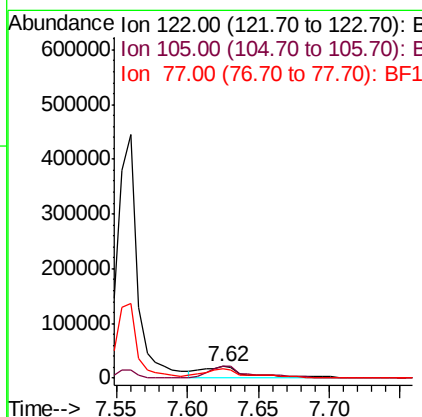
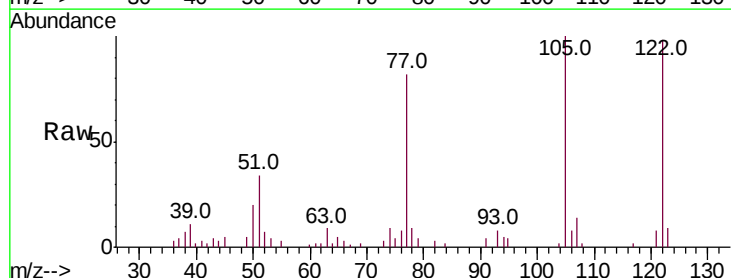
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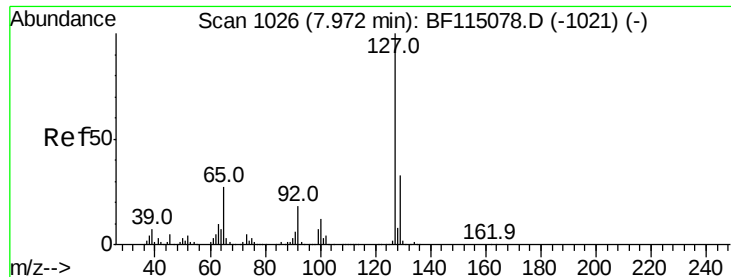
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#32
Benzoic acid
Concen: 5.103 ng m
RT: 7.62 min Scan# 967
Delta R.T. -0.04 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion:122 Resp: 44297
Ion Ratio Lower Upper
122 100
105 101.9 98.2 138.2
77 83.7 67.0 107.0





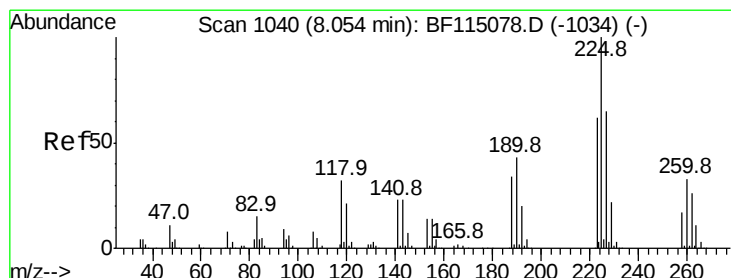
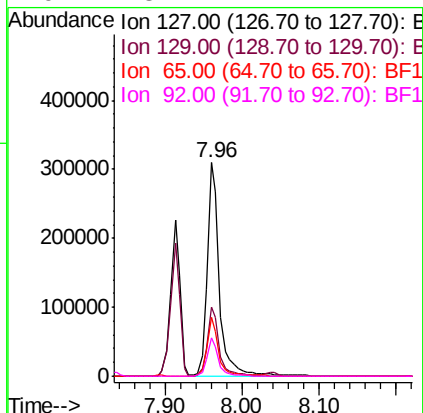
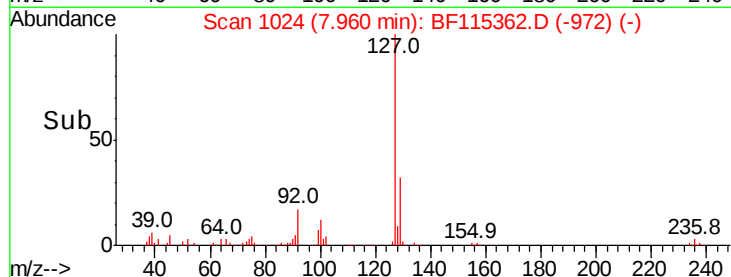
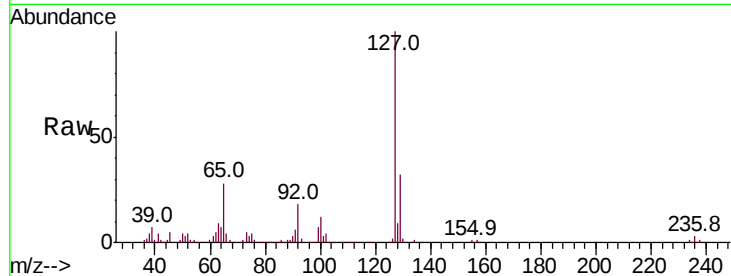
#33
4-Chloroaniline
Concen: 17.937 ng
RT: 7.96 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.1	39.1		
65	27.6	21.4	32.2		
92	18.2	14.1	21.1		

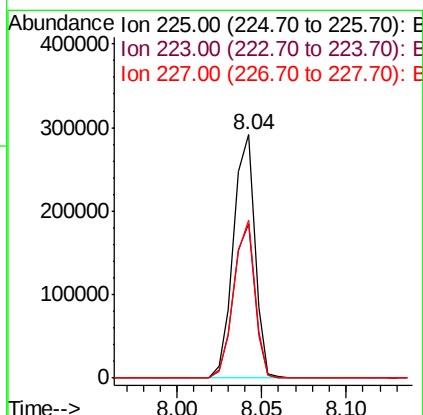
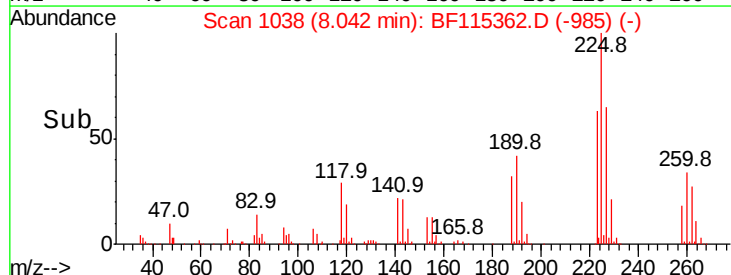
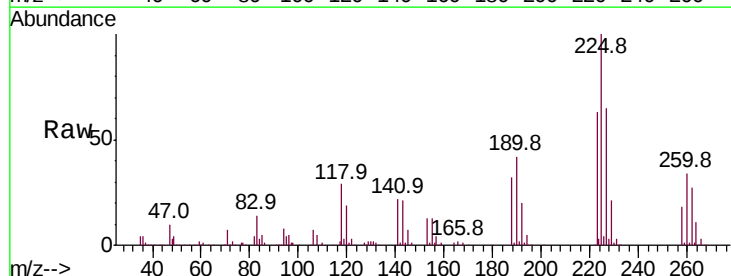
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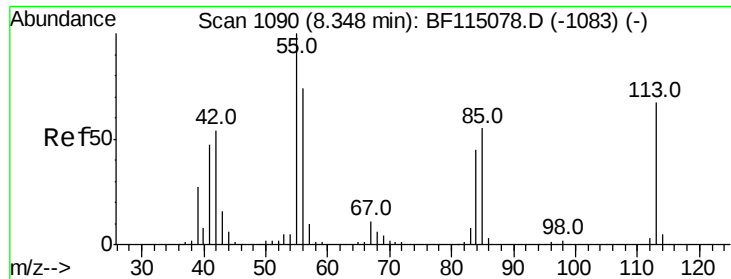
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#34
Hexachlorobutadiene
Concen: 33.890 ng
RT: 8.04 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	49.4	74.2		
227	64.9	51.8	77.8		





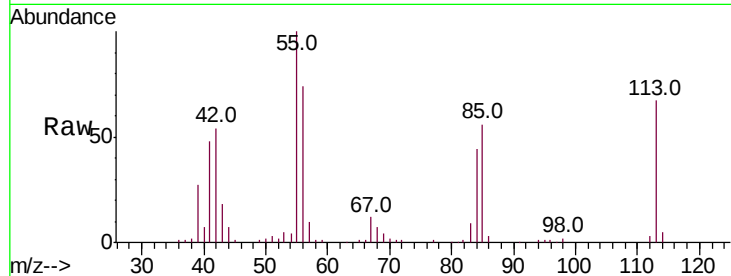
#35
Caprolactam
Concen: 34.114 ng/ml
RT: 8.32 min Scan# 1086
Delta R.T. 0.00 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

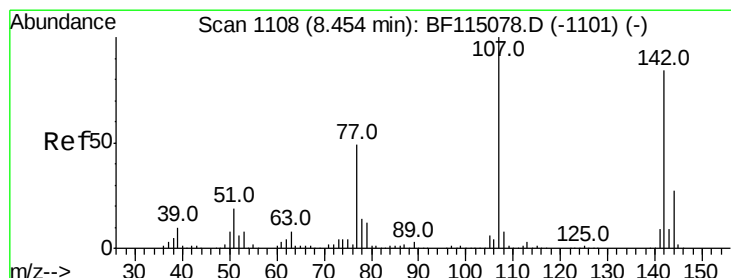
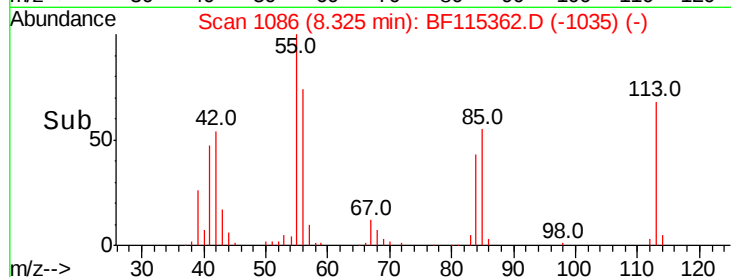
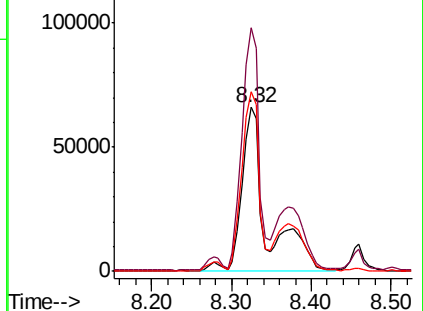
Tot Ion	Ratio	Lower	Upper
113	100		
55	148.6	130.2	170.2
56	109.9	91.6	131.6

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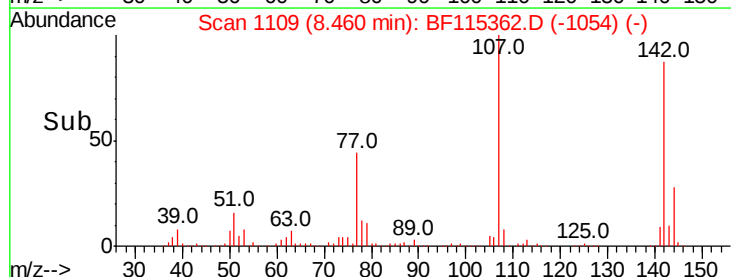
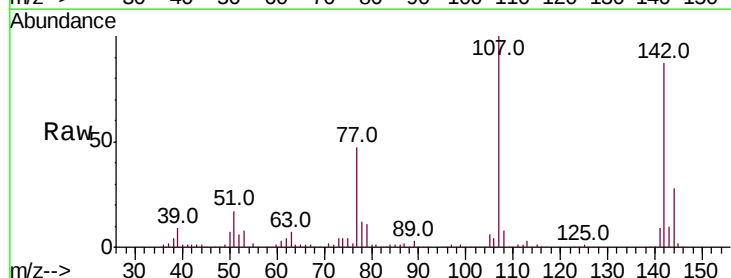
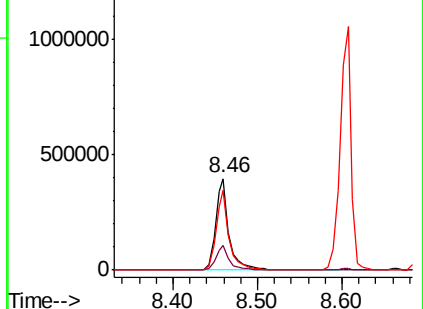
Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

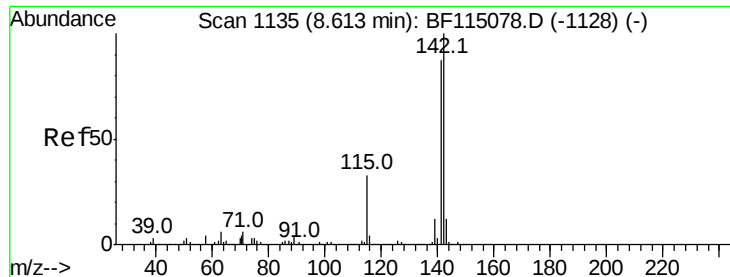


#36
4-Chloro-3-methylphenol
Concen: 34.803 ng
RT: 8.46 min Scan# 1109
Delta R.T. 0.02 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.8	21.7	32.5
142	86.7	67.0	100.4

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 35.035 ng

RT: 8.61 min Scan# 1134

Delta R.T. 0.02 min

Lab File: BF115362.D

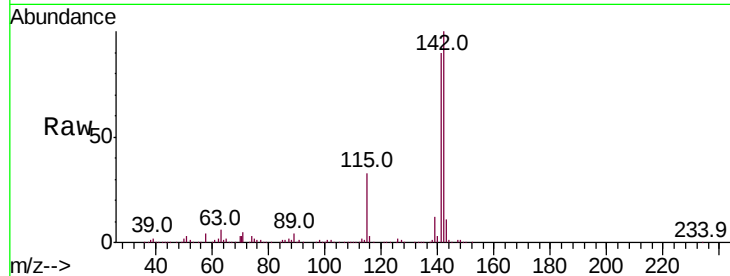
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	973796		
141	89.8	69.8	104.6	
115	32.6	26.7	40.1	

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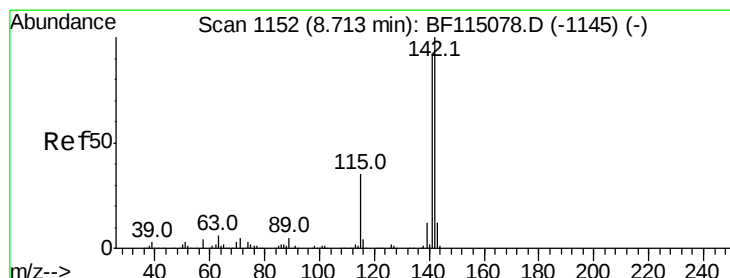
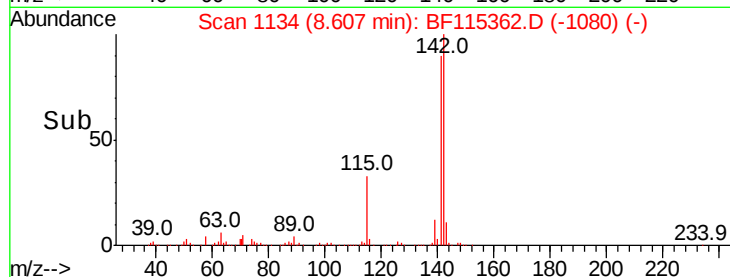
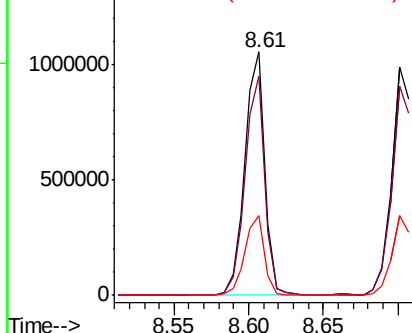


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 34.243 ng

RT: 8.70 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

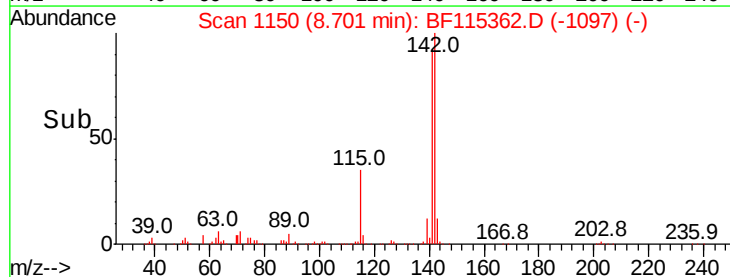
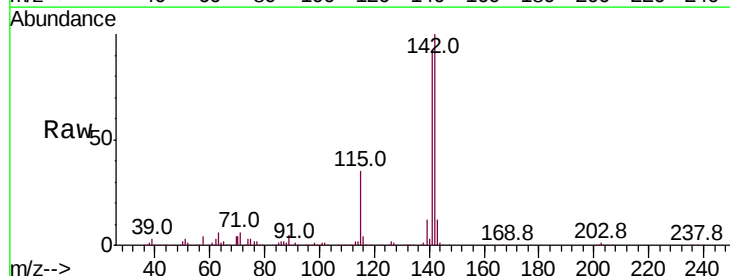
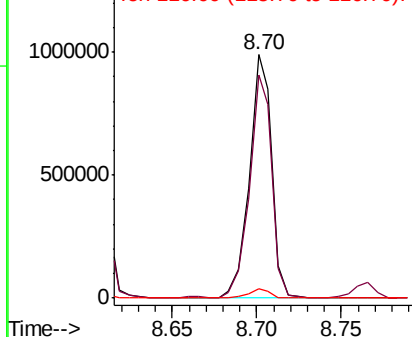
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	909020		
141	91.6	73.8	110.8	
116	3.6	2.8	4.2	

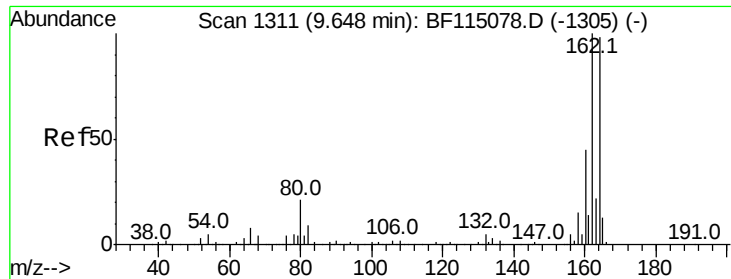
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





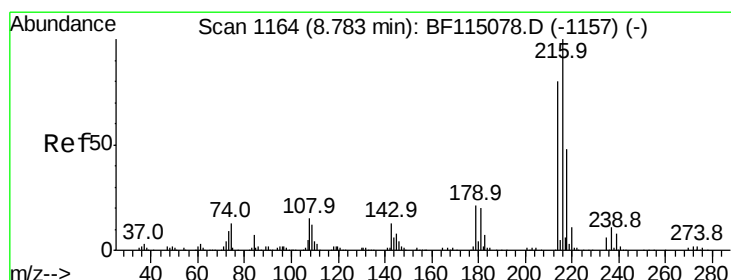
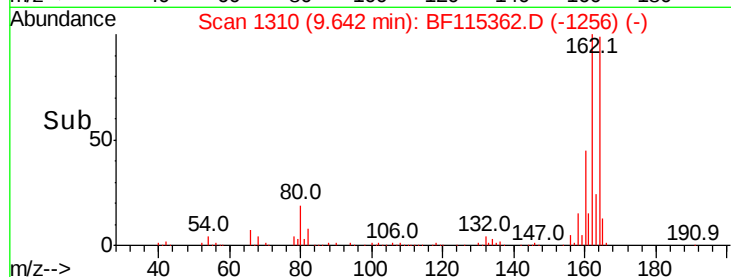
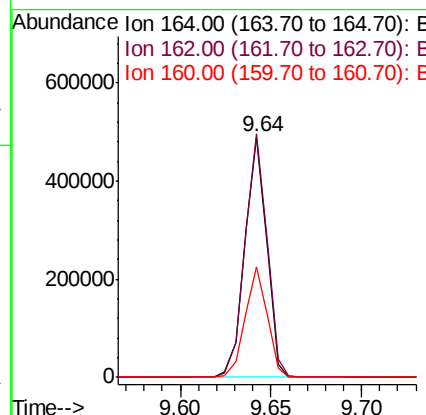
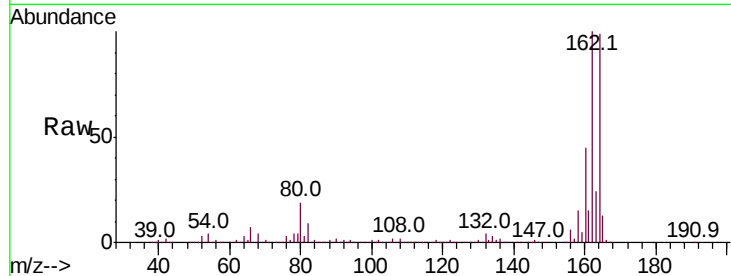
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. 0.02 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.7	122.5
160	45.7	37.0	55.4

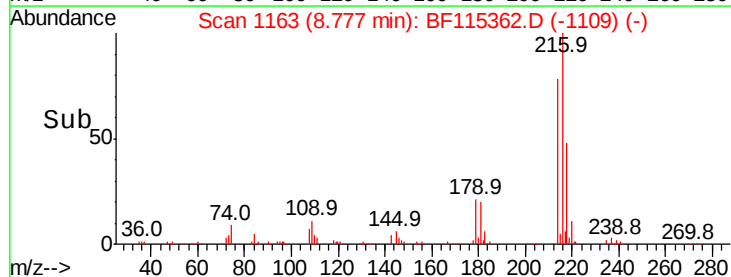
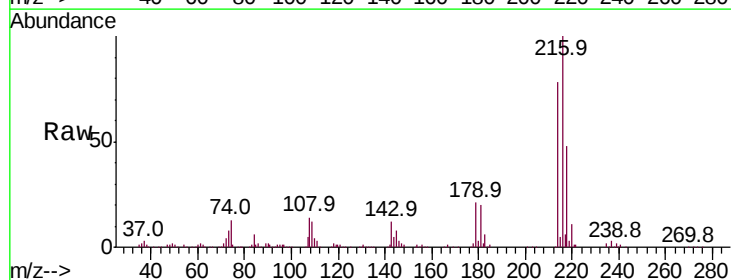
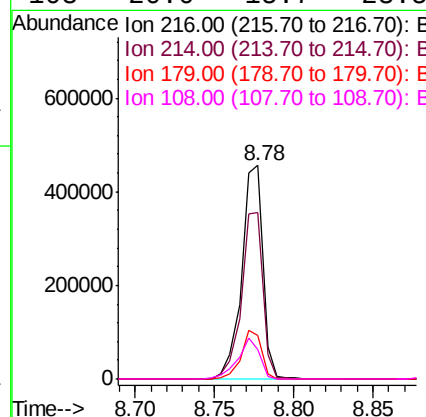
Manual Integrations
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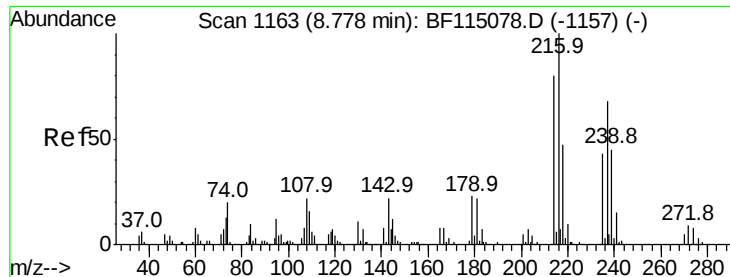
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.601 ng
RT: 8.78 min Scan# 1163
Delta R.T. 0.02 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.6
179	22.1	17.6	26.4
108	20.0	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 64.709 ng

RT: 8.77 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

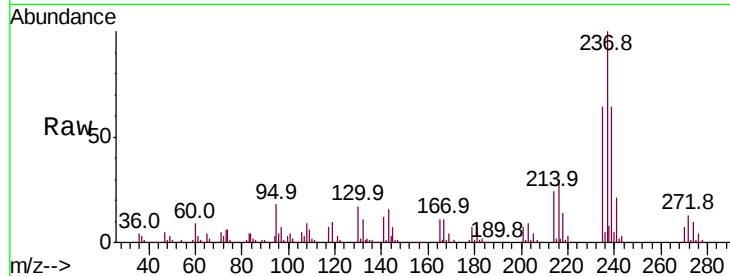
ClientSampleId :

HJDC-COMP-1MS

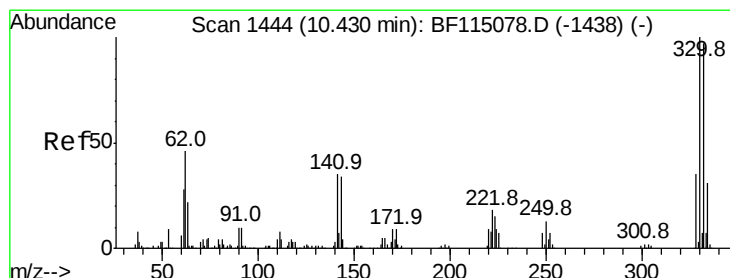
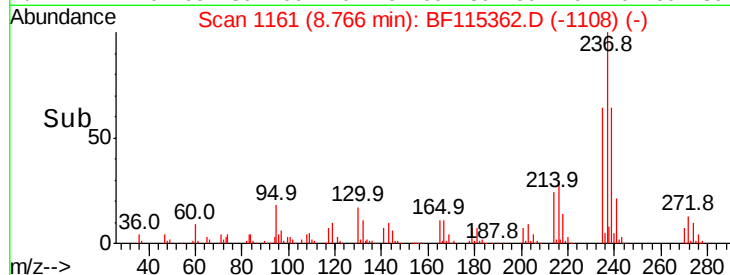
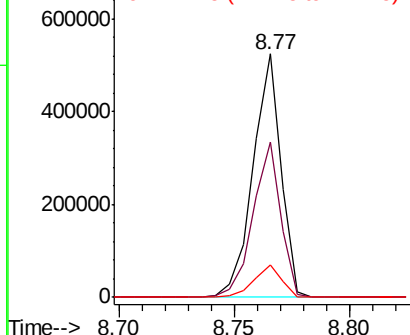
Tot Ion:	237	Resp:	443910
Ion Ratio	Lower	Upper	
237	100		
235	63.5	43.9	83.9
272	13.4	0.0	33.8

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7/3/2019 10:51:41 PM



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 99.584 ng

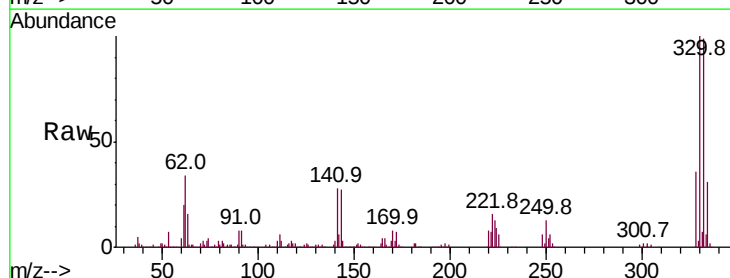
RT: 10.43 min Scan# 1444

Delta R.T. 0.02 min

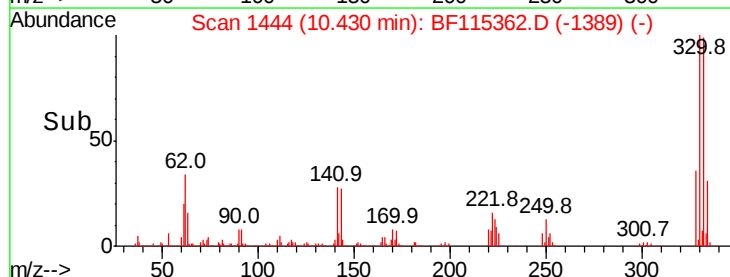
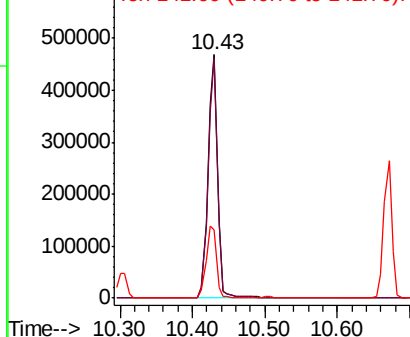
Lab File: BF115362.D

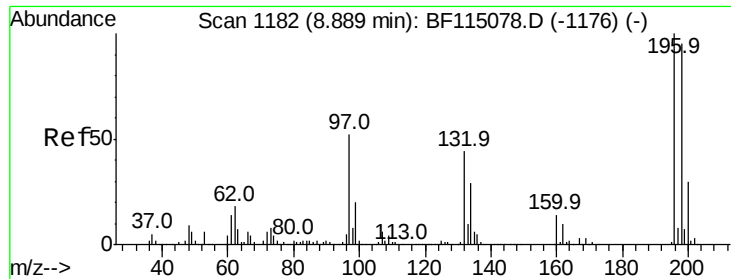
Acq: 2 Jul 2019 16:27

Tgt Ion:	330	Resp:	429938
Ion Ratio	Lower	Upper	
330	100		
332	97.3	77.3	115.9
141	32.6	28.2	42.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





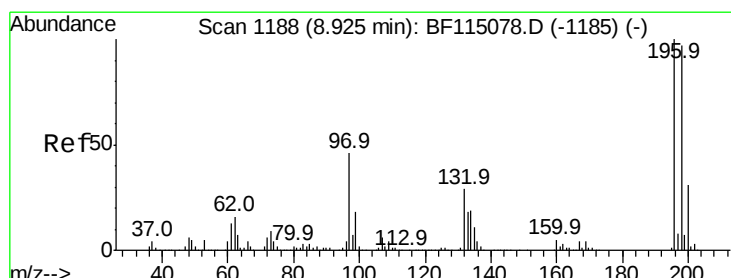
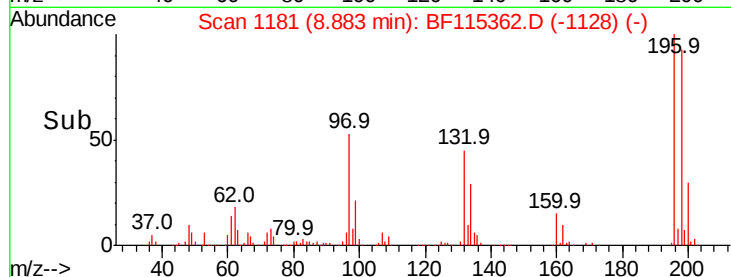
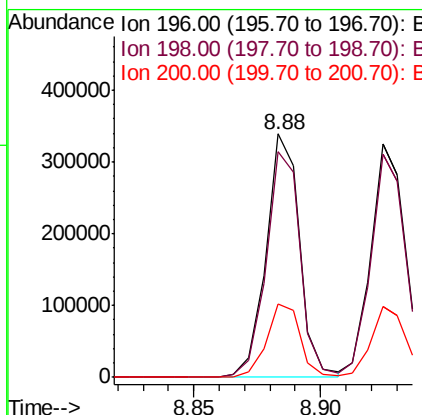
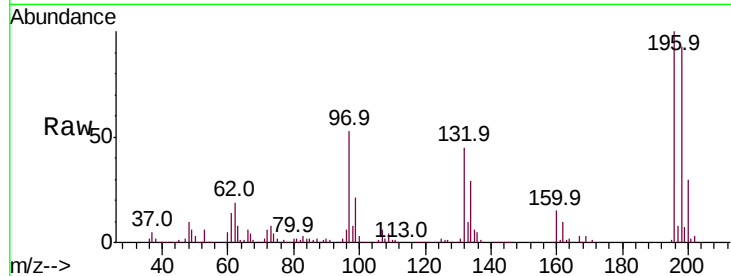
#43
 2,4,6-Trichlorophenol
 Concen: 35.065 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF115362.D
 Acq: 2 Jul 2019 16:27

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	313194		
198	92.8	76.3	114.5	
200	30.2	24.2	36.4	

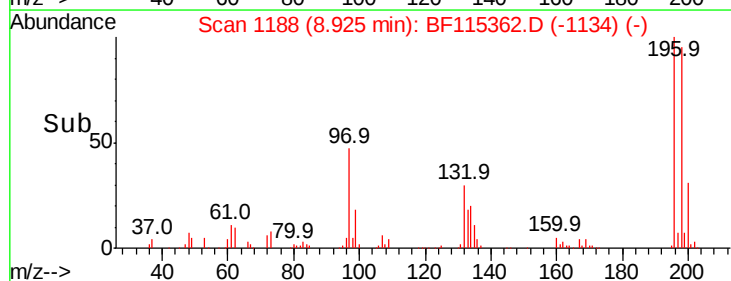
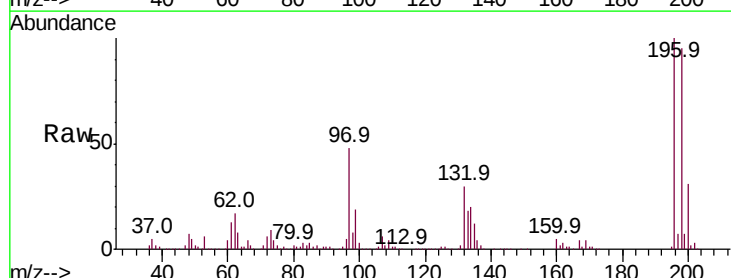
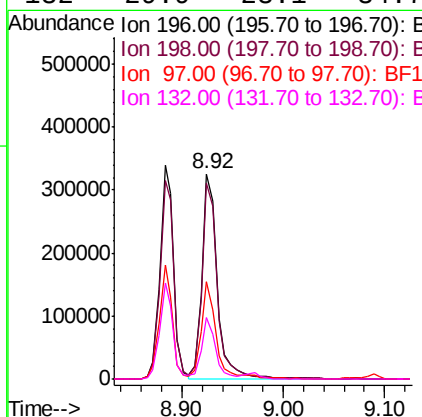
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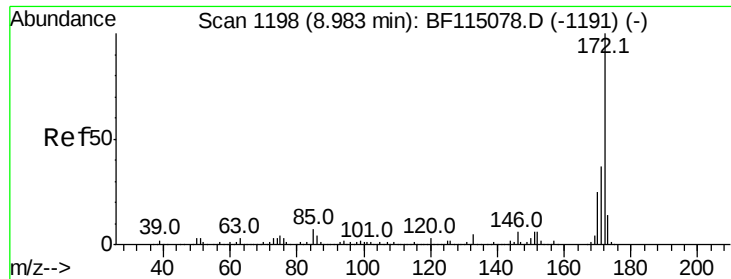
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#44
 2,4,5-Trichlorophenol
 Concen: 37.083 ng
 RT: 8.92 min Scan# 1188
 Delta R.T. 0.02 min
 Lab File: BF115362.D
 Acq: 2 Jul 2019 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	341092		
198	95.3	77.1	115.7	
97	47.7	37.7	56.5	
132	29.9	23.1	34.7	





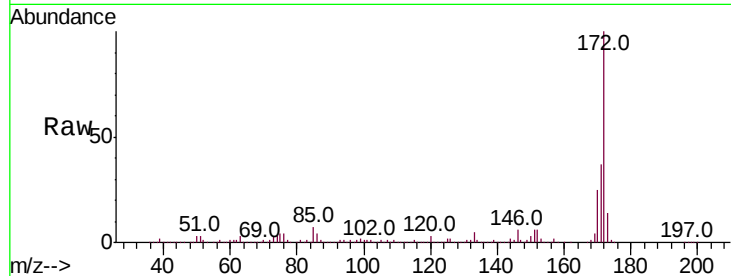
#45
2-Fluorobiphenyl
Concen: 67.013 ng
RT: 8.97 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

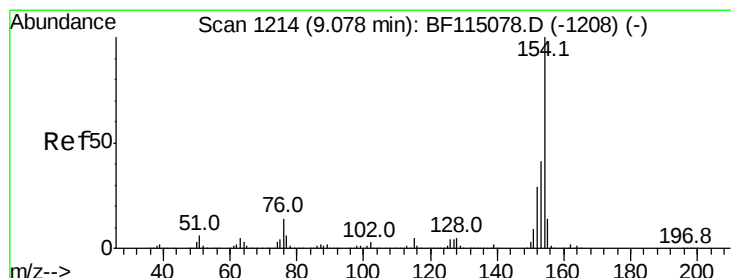
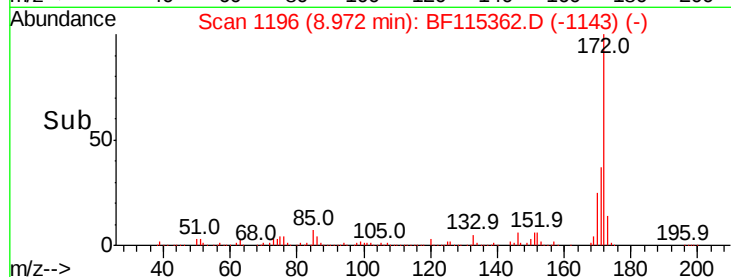
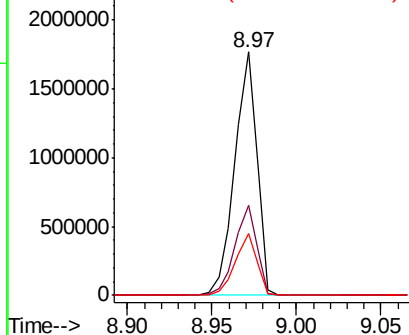
Tot Ion:172 Resp: 1615173
Ion Ratio Lower Upper
172 100
171 37.0 29.8 44.6
170 25.2 20.3 30.5

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7/3/2019 10:51:41 PM

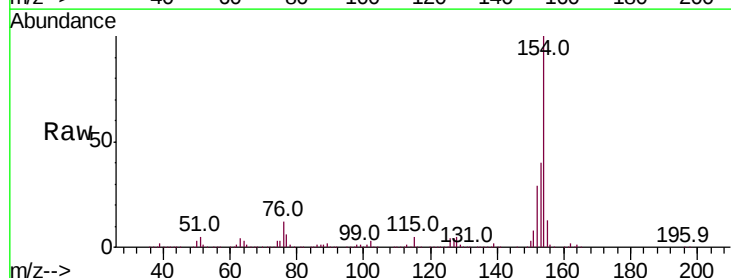


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

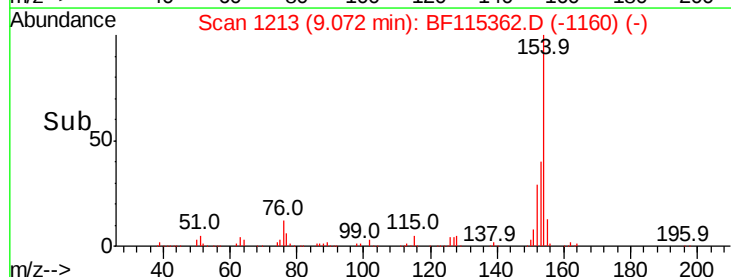
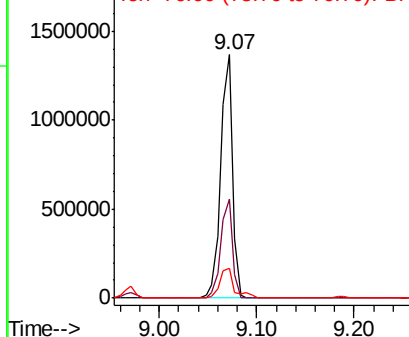


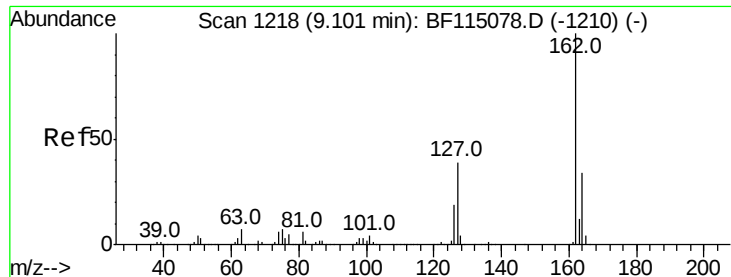
#46
1,1'-Biphenyl
Concen: 35.034 ng
RT: 9.07 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion:154 Resp: 1147655
Ion Ratio Lower Upper
154 100
153 40.4 20.9 60.9
76 12.0 0.0 34.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





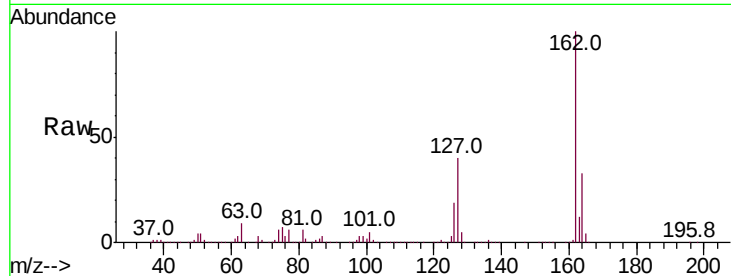
#47
2-Chloronaphthalene
Concen: 34.250 ng
RT: 9.09 min Scan# 1216
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

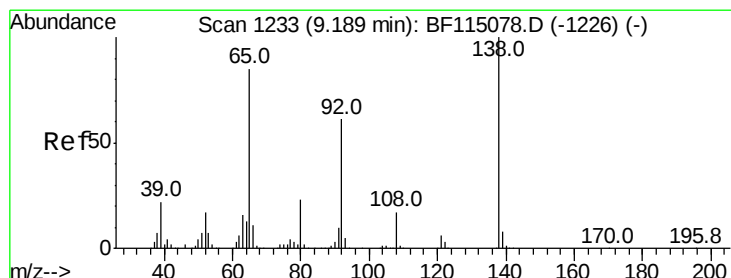
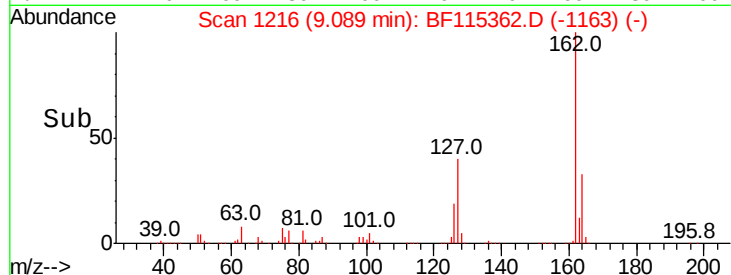
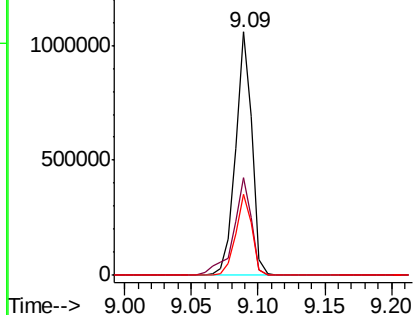
Tot Ion	Ratio	Resp	Lower	Upper
162	100	910088		
127	40.3		30.8	46.2
164	33.5		27.0	40.4

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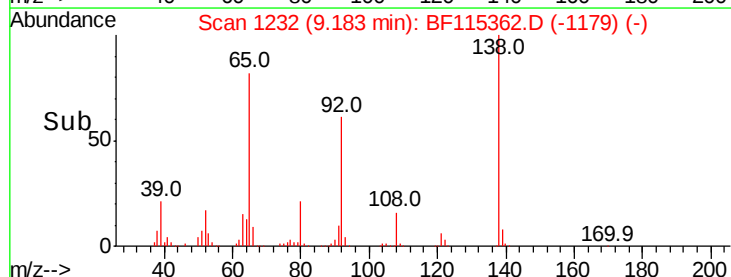
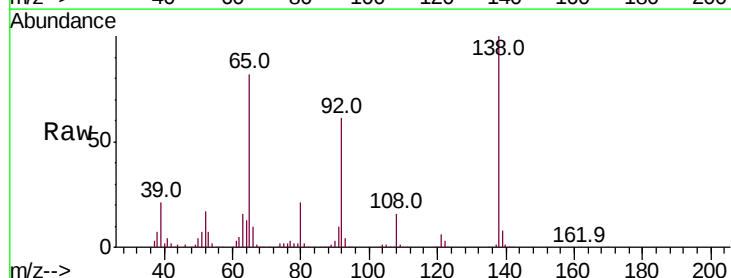
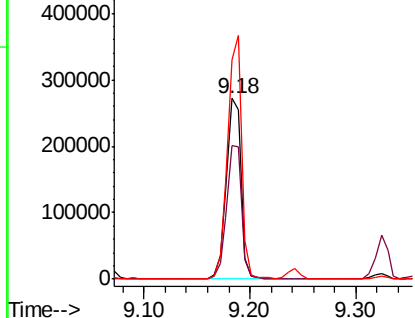
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

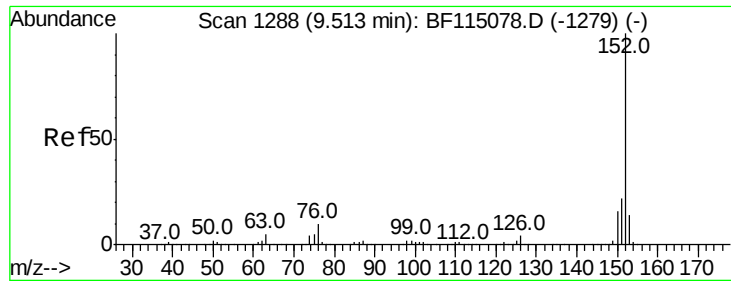


#48
2-Nitroaniline
Concen: 34.237 ng
RT: 9.18 min Scan# 1232
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	265227		
92	74.2		57.4	86.2
138	121.7		94.1	141.1

Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





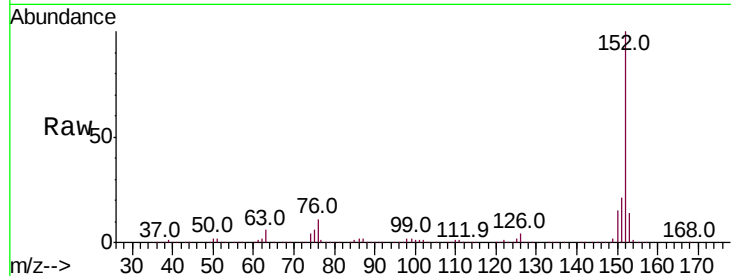
#49
Acenaphthylene
Concen: 34.700 ng
RT: 9.50 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
151	21.3	17.2	25.8	
153	14.1	11.0	16.6	

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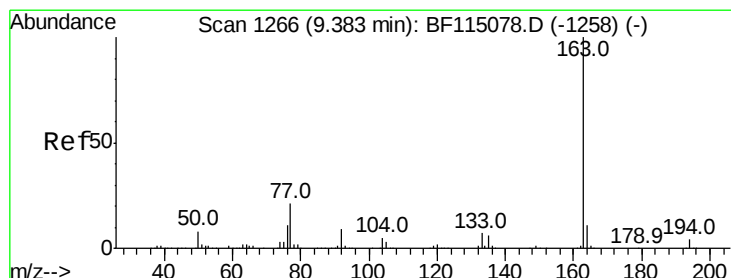
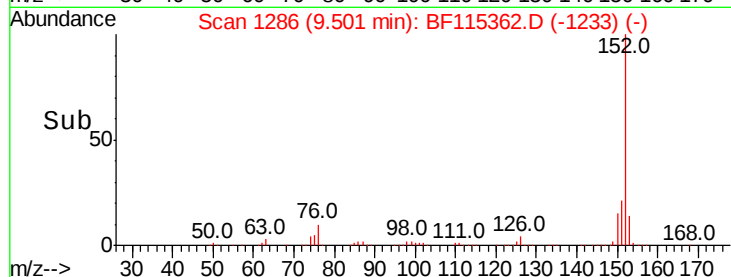
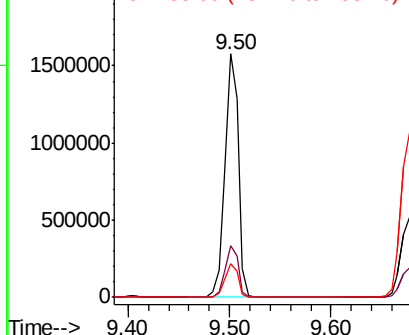


Abundance

Ion 152.00 (151.70 to 152.70): E

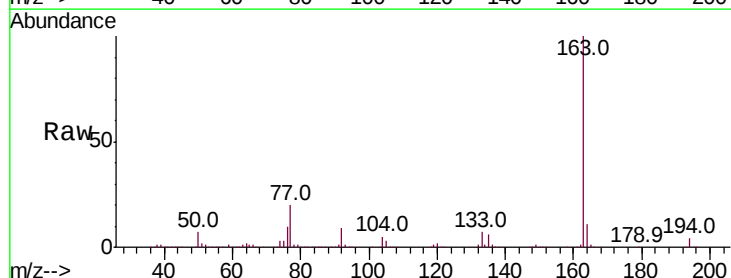
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 51.543 ng
RT: 9.38 min Scan# 1265
Delta R.T. 0.02 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.1	3.2	4.8	
164	10.5	8.6	13.0	

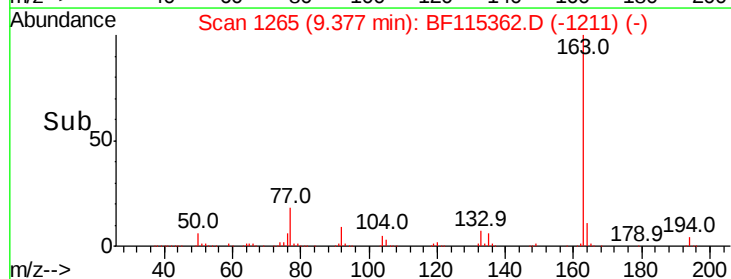
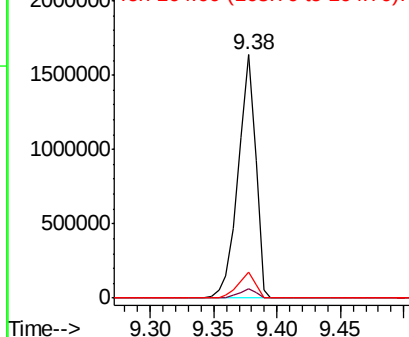


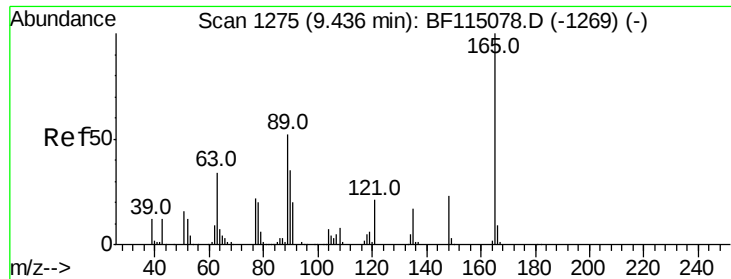
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





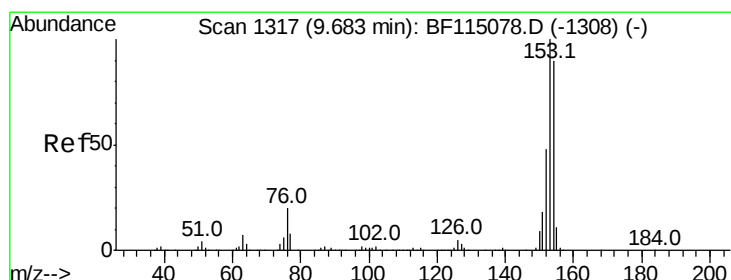
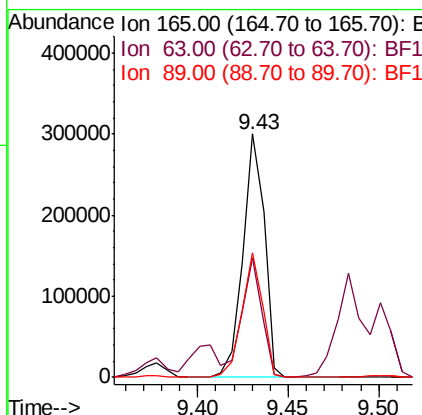
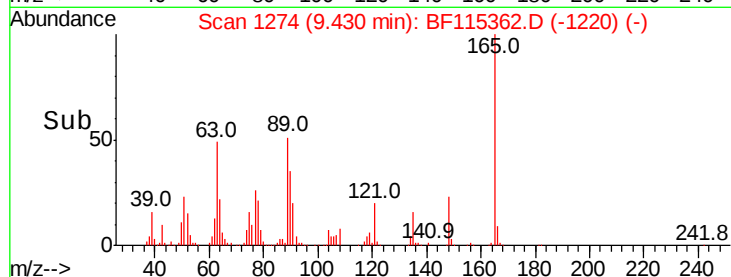
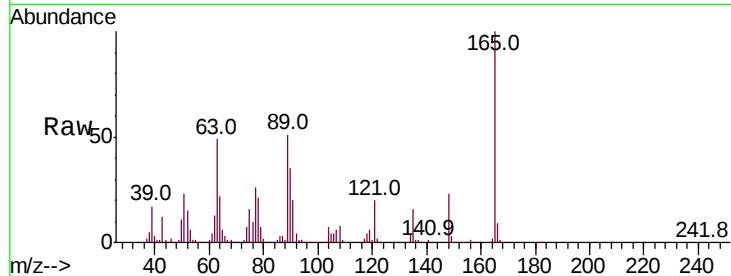
#51
2,6-Dinitrotoluene
Concen: 35.495 ng
RT: 9.43 min Scan# 1274
Delta R.T. 0.02 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
165	100	246833		
63	49.0		39.4	59.2
89	51.3		42.0	63.0

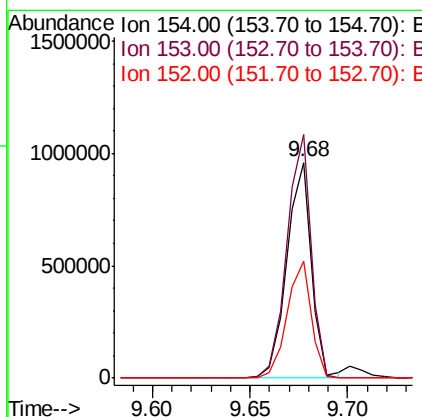
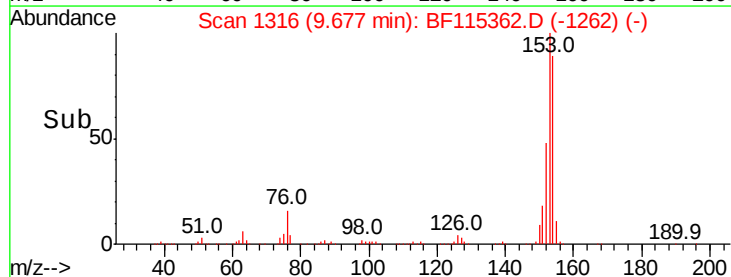
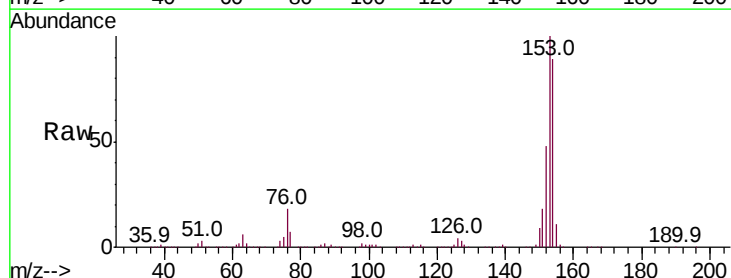
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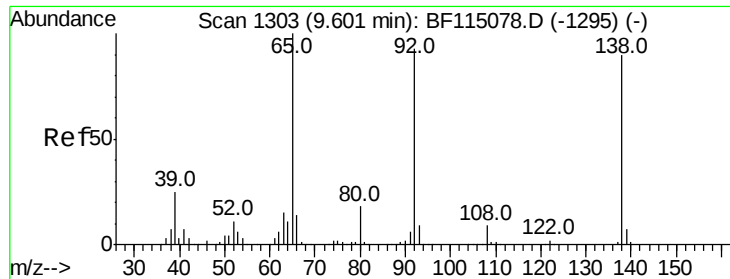
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#52
Acenaphthene
Concen: 32.241 ng
RT: 9.68 min Scan# 1316
Delta R.T. 0.02 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	835239		
153	112.8		88.7	133.1
152	54.4		42.6	64.0





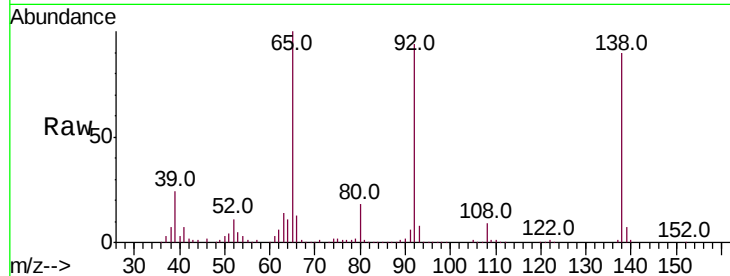
#53
3-Nitroaniline
Concen: 28.131 ng
RT: 9.60 min Scan# 1302
Delta R.T. 0.02 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

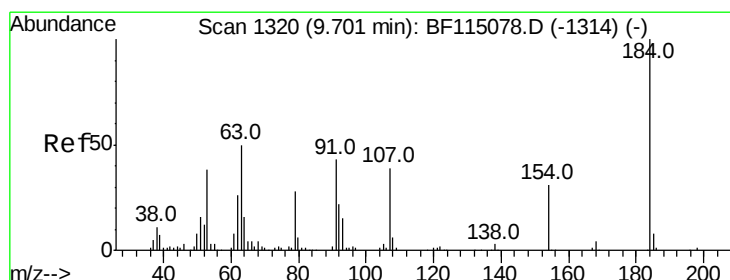
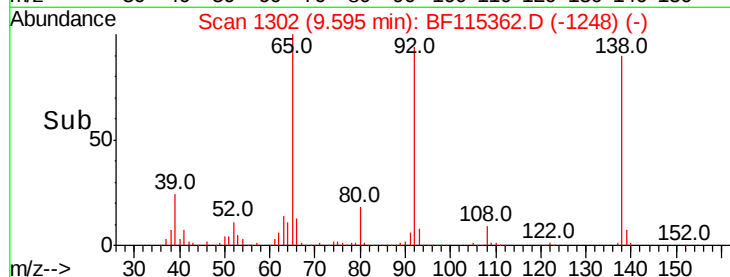
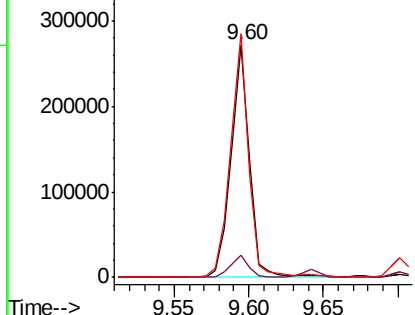
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.8	11.6
92	104.7	82.9	124.3

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7/3/2019 10:51:41 PM

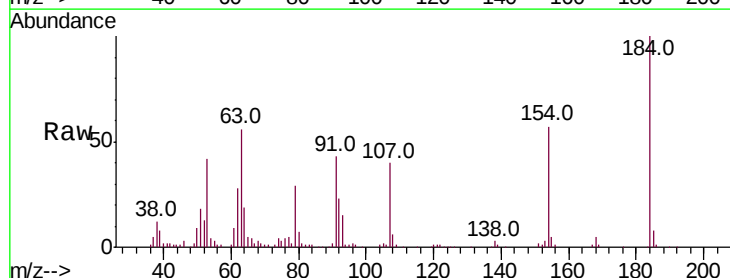


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

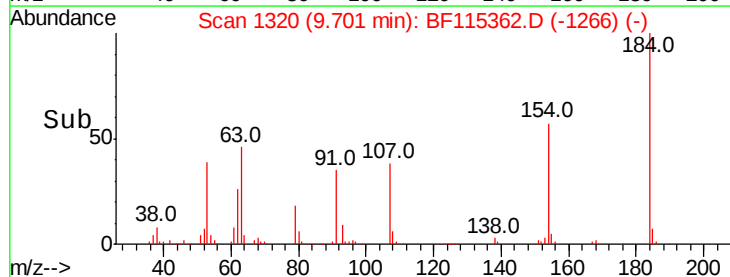
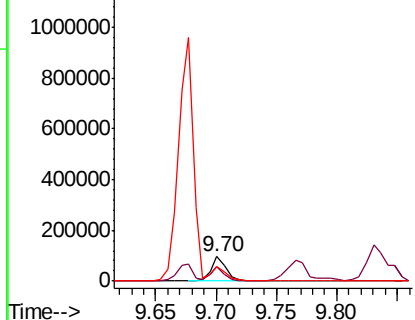


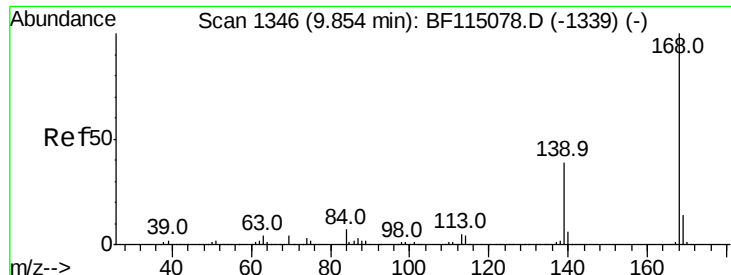
#54
2,4-Dinitrophenol
Concen: 29.241 ng
RT: 9.70 min Scan# 1320
Delta R.T. 0.02 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.5	41.9	62.9
154	56.8	44.7	67.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 34.084 ng

RT: 9.85 min Scan# 1345

Delta R.T. 0.02 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MS

Tot Ion:168 Resp: 1267312

Ion Ratio Lower Upper

168 100

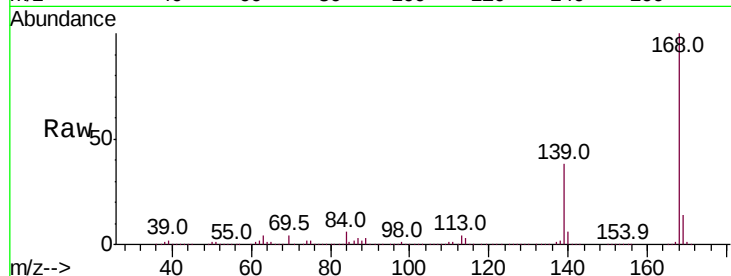
139 38.0 31.1 46.7

169 13.8 11.3 16.9

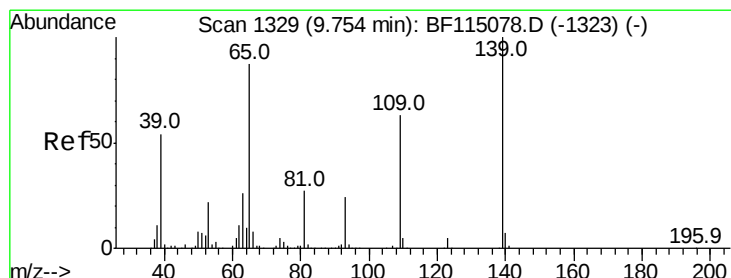
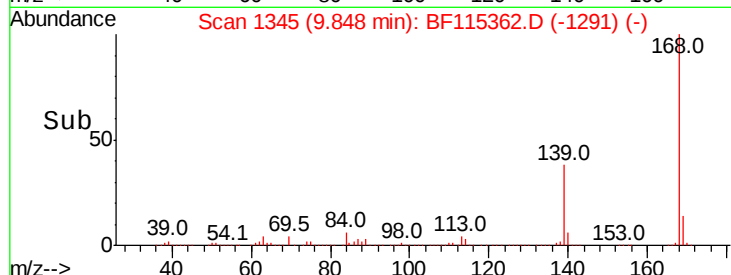
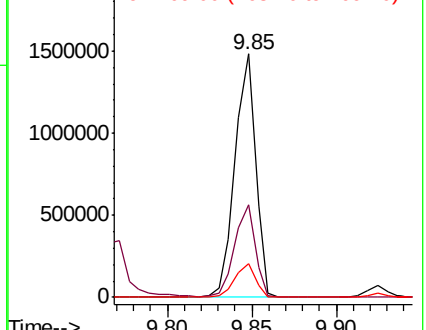
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Abundance Ion 168.00 (167.70 to 168.70): E
2000000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 62.895 ng

RT: 9.77 min Scan# 1332

Delta R.T. 0.04 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

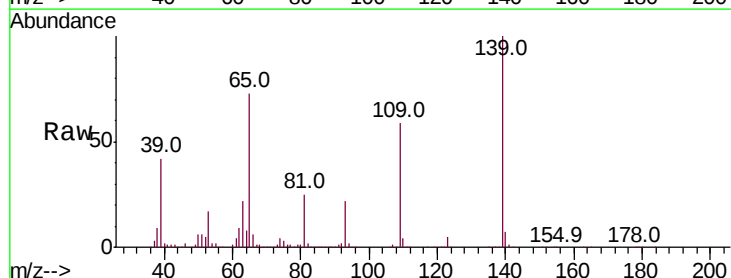
Tgt Ion:139 Resp: 427894

Ion Ratio Lower Upper

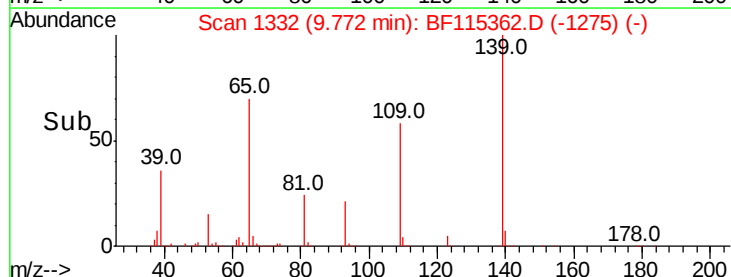
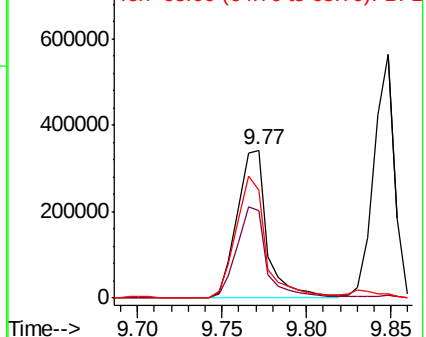
139 100

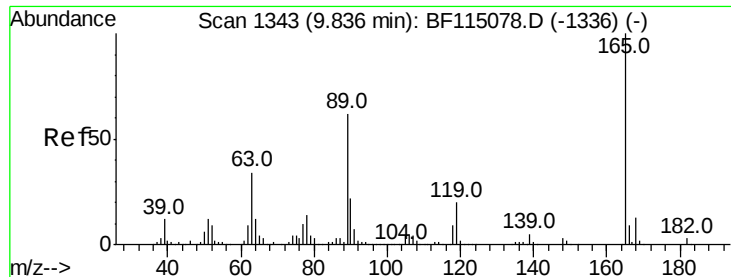
109 58.8 43.0 83.0

65 72.7 67.0 107.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





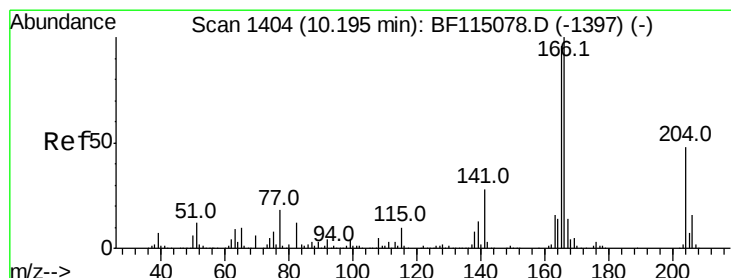
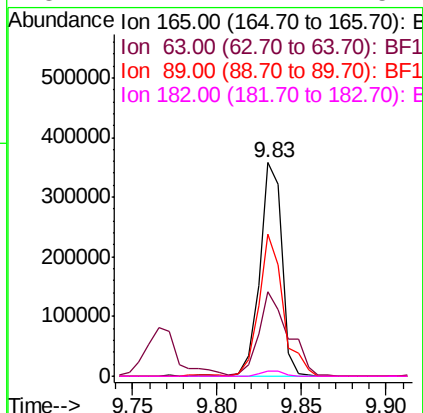
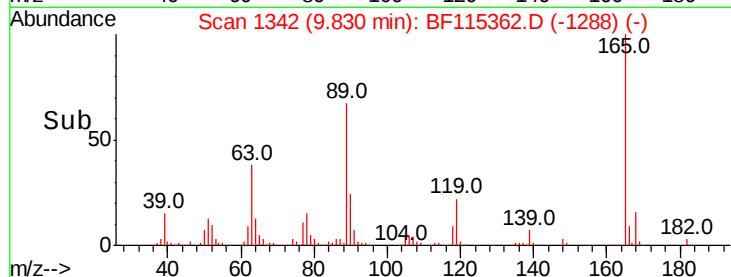
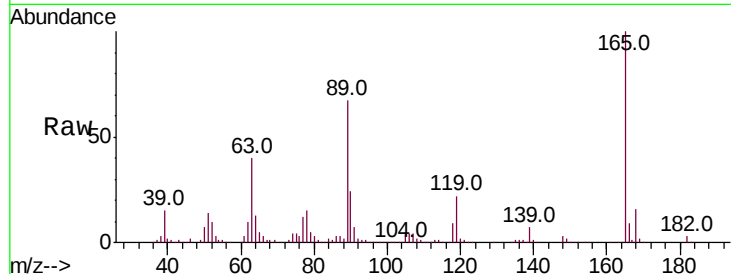
#57
2,4-Dinitrotoluene
Concen: 36.000 ng
RT: 9.83 min Scan# 1342
Delta R.T. 0.02 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.8	27.5	41.3	
89	66.6	49.9	74.9	
182	2.7	2.1	3.1	

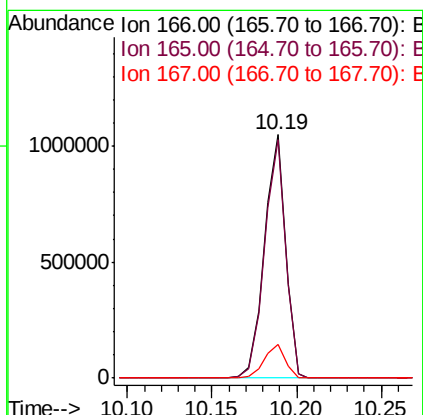
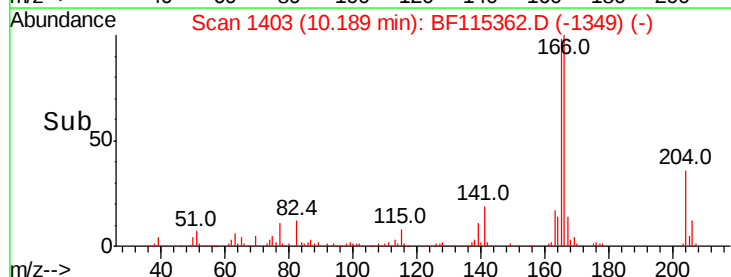
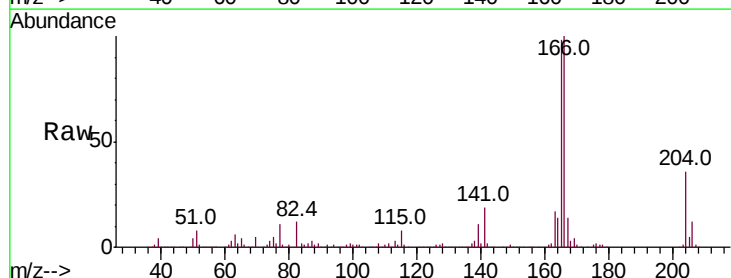
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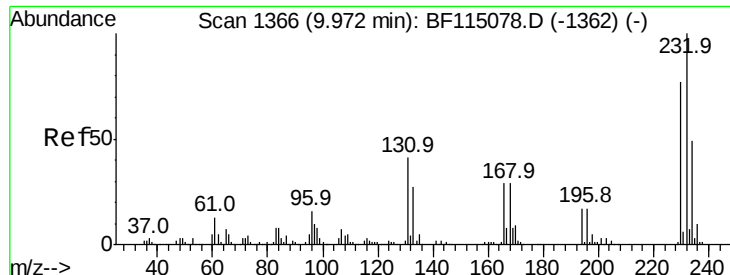
mohammad
7/3/2019 10:51:41 PM



#58
Fluorene
Concen: 35.325 ng
RT: 10.19 min Scan# 1403
Delta R.T. 0.02 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.2	76.5	114.7	
167	13.7	11.0	16.4	





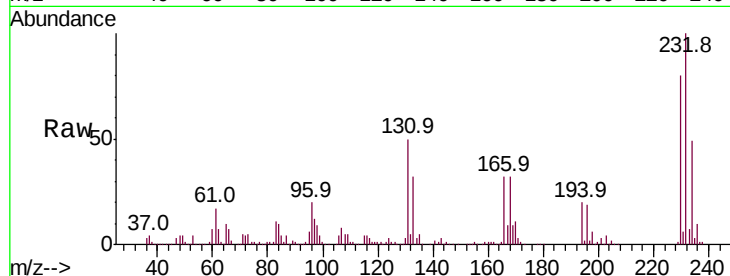
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.144 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. 0.02 min
 Lab File: BF115362.D
 Acq: 2 Jul 2019 16:27

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MS

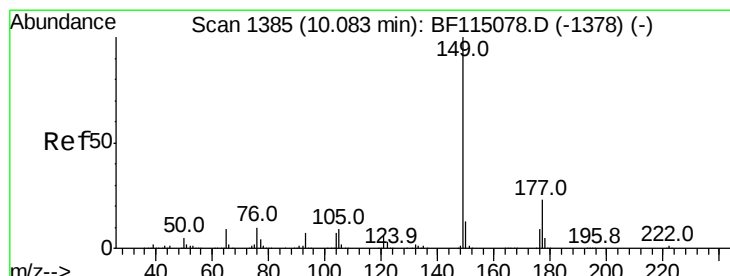
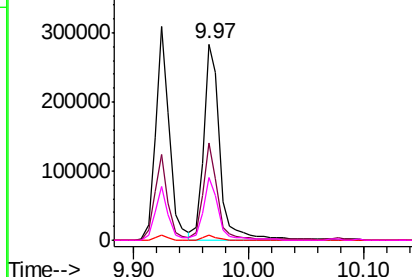
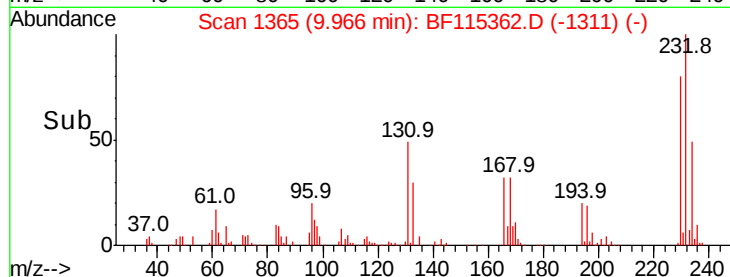
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.2	37.4	56.0
130	2.3	1.8	2.6
166	29.4	24.6	36.8

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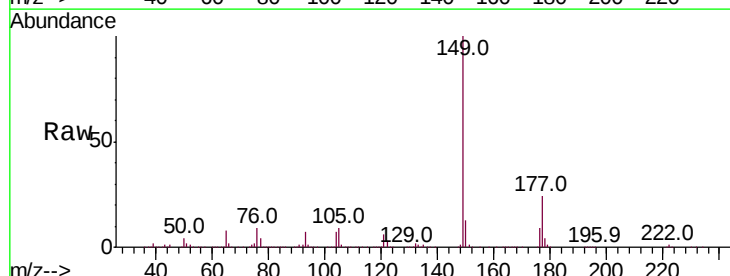


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

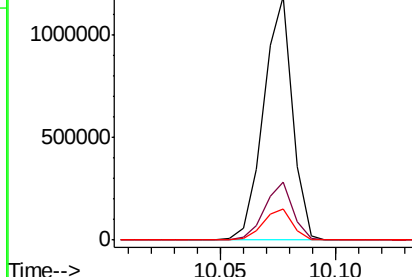
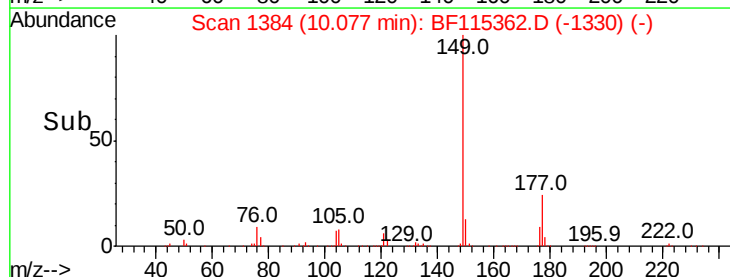


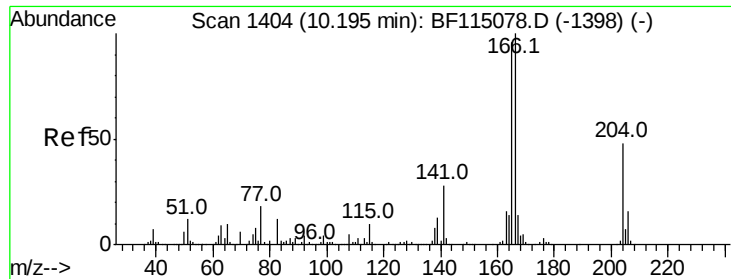
#60
 Diethylphthalate
 Concen: 34.391 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. 0.02 min
 Lab File: BF115362.D
 Acq: 2 Jul 2019 16:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.7	28.1
150	12.8	10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





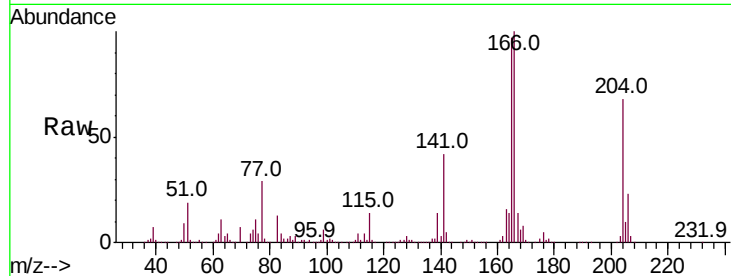
#61
4-Chlorophenyl-phenylether
Concen: 35.068 ng
RT: 10.18 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	40.0
141	61.3	46.7	70.1

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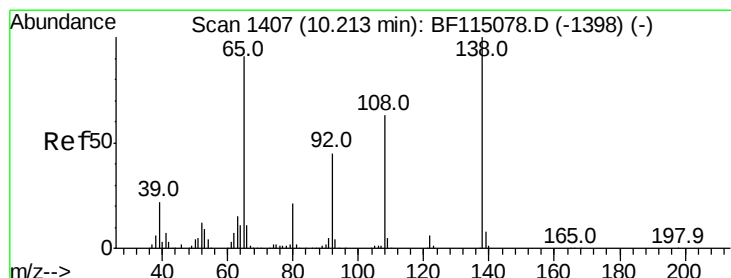
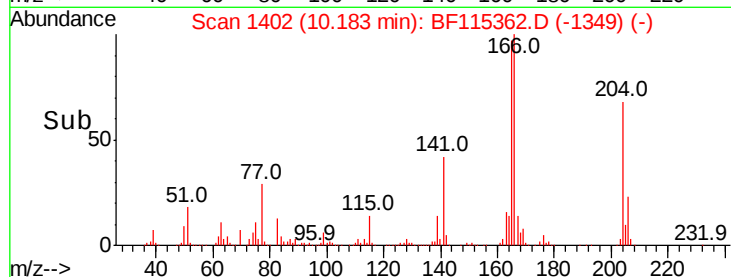
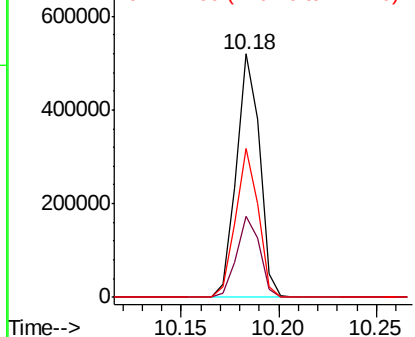


Abundance

Ion 204.00 (203.70 to 204.70): E

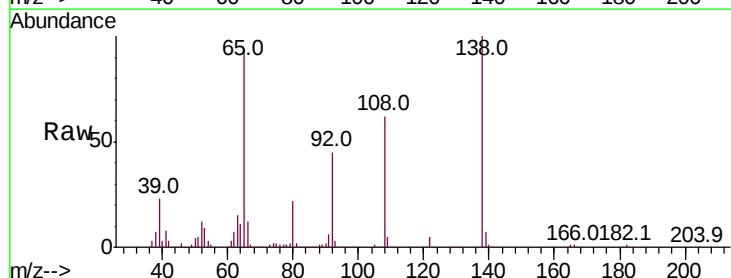
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 32.234 ng
RT: 10.21 min Scan# 1406
Delta R.T. 0.02 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.1	24.8	64.8
108	61.8	43.3	83.3

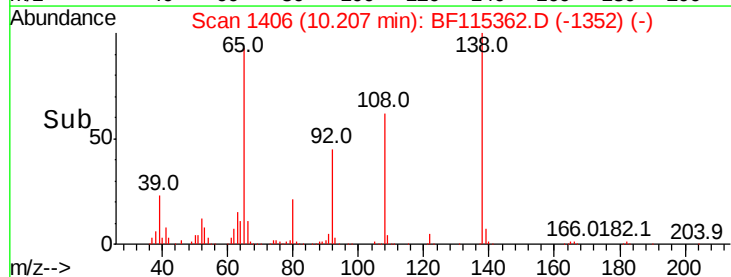
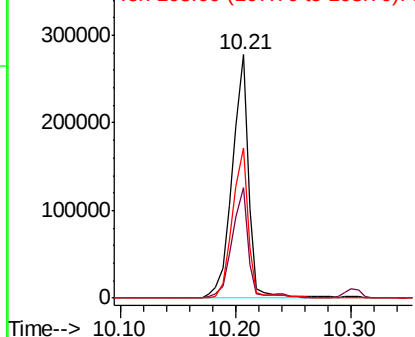


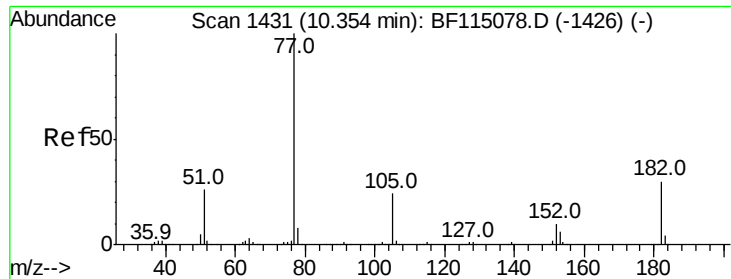
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





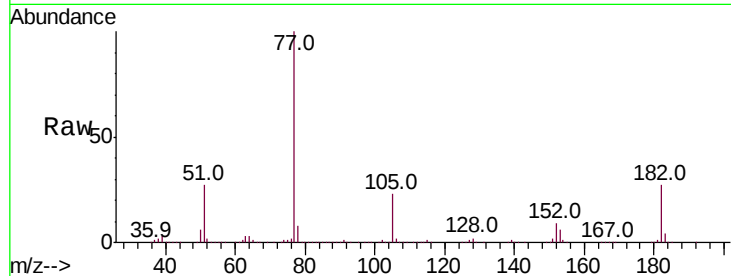
#63
Azobenzene
Concen: 32.502 ng
RT: 10.34 min Scan# 1429
Delta R.T. 0.02 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.1	10.1	50.1
105	23.2	4.5	44.5
51	26.6	6.4	46.4

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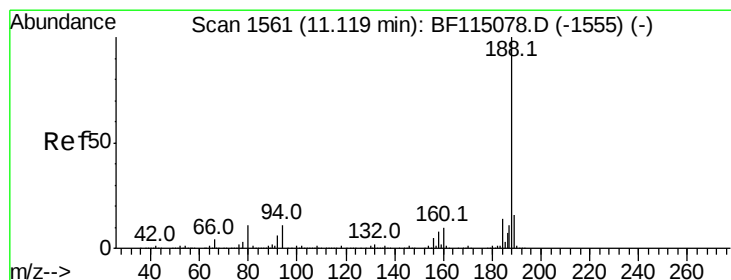
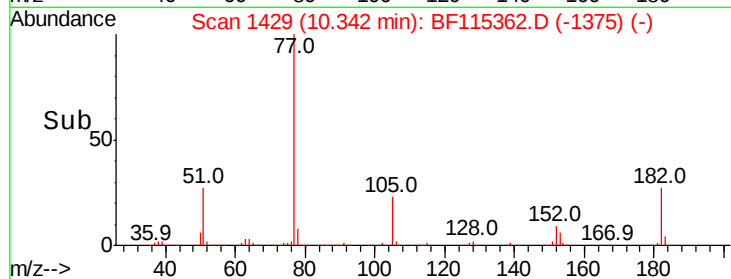
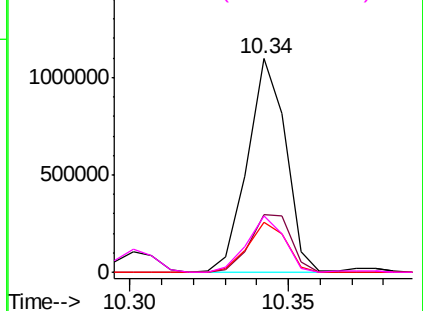
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. 0.02 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

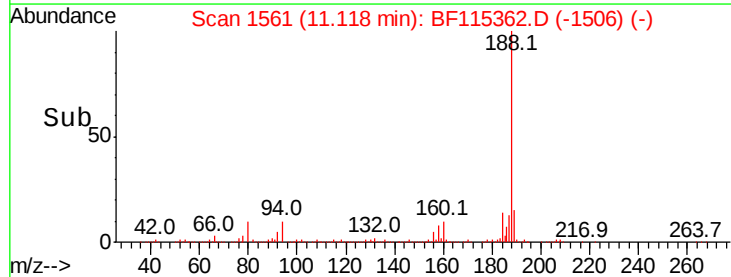
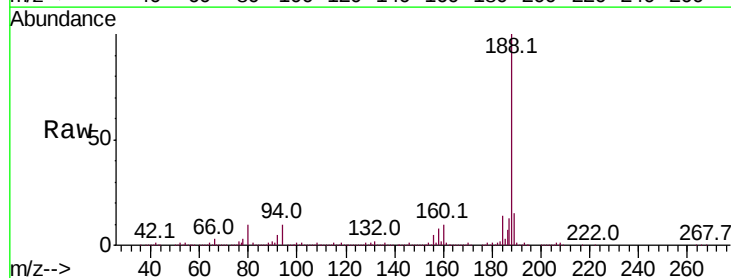
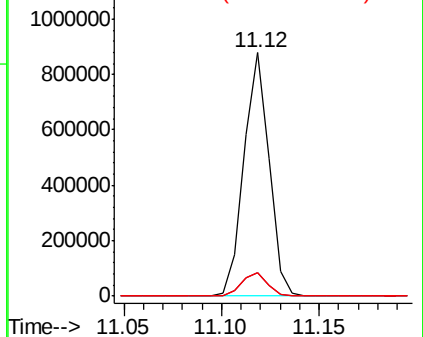
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.6	12.8
80	9.7	8.8	13.2

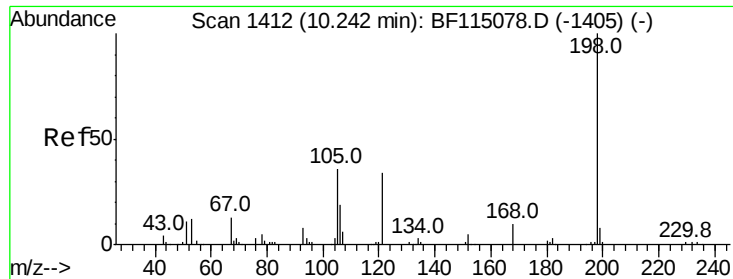
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 34.987 ng

RT: 10.24 min Scan# 1412

Delta R.T. 0.02 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

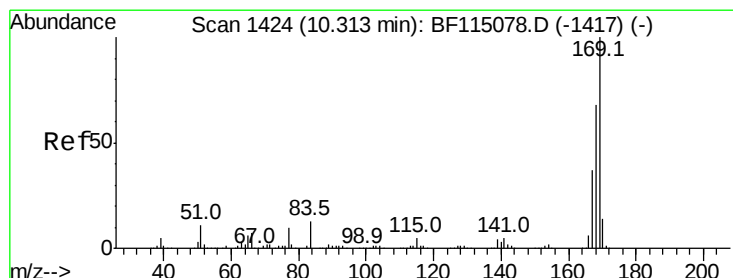
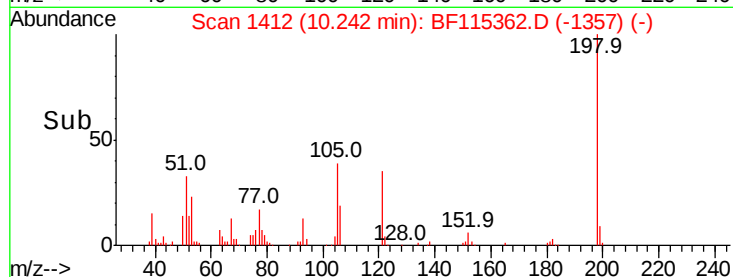
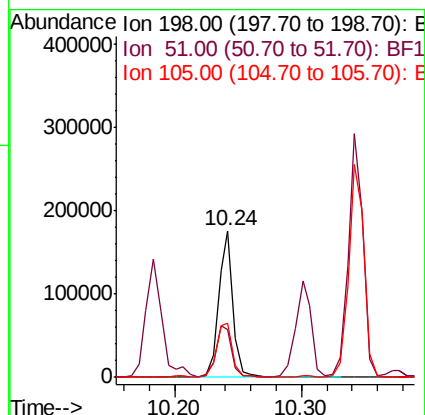
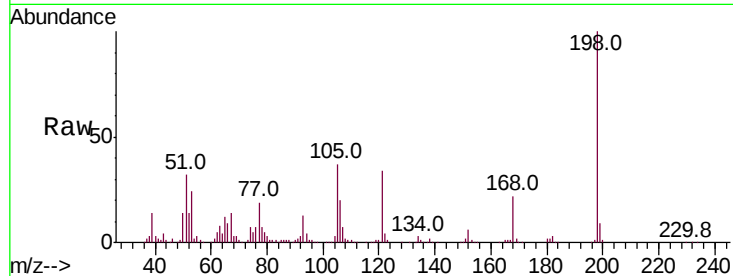
ClientSampleId :

HJDC-COMP-1MS

Tot Ion:	198	Resp:	140051
Ion Ratio	Lower	Upper	
198	100		
51	32.2	11.0	51.0
105	36.6	17.3	57.3

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7/3/2019 10:51:41 PM



#66

n-Nitrosodiphenylamine

Concen: 35.379 ng

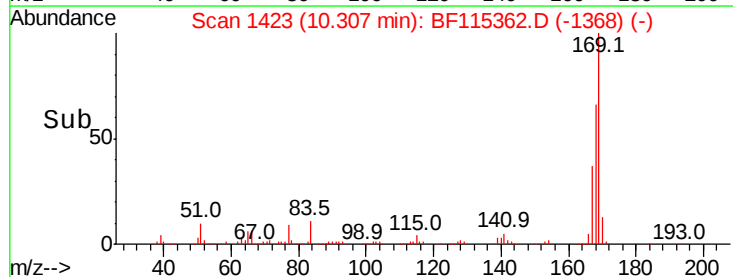
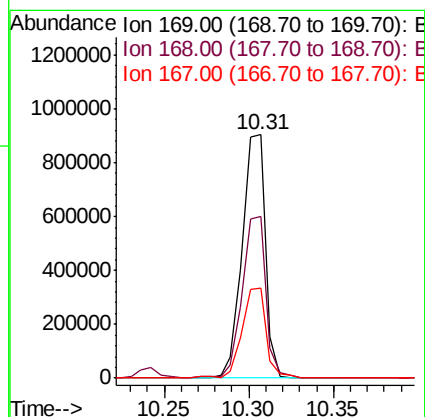
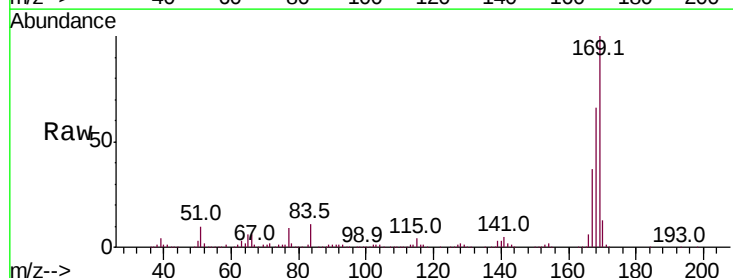
RT: 10.31 min Scan# 1423

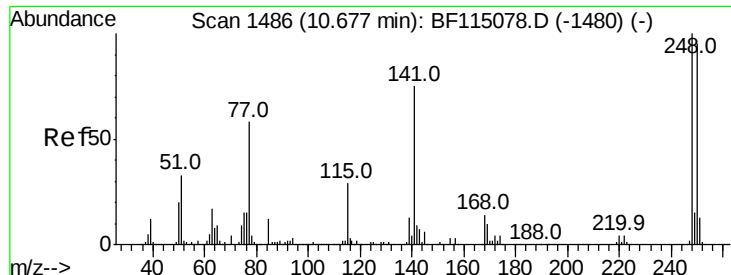
Delta R.T. 0.02 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Tgt Ion:	169	Resp:	866351
Ion Ratio	Lower	Upper	
169	100		
168	66.2	54.2	81.4
167	37.0	29.4	44.0





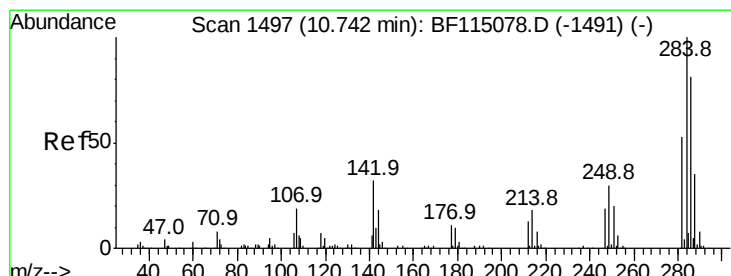
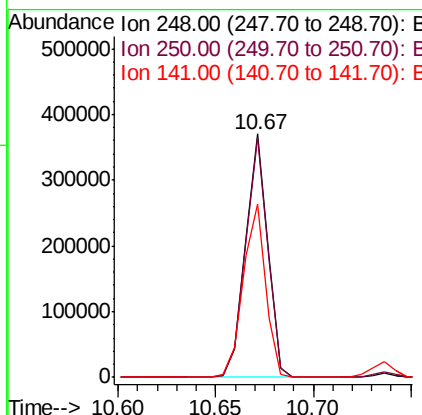
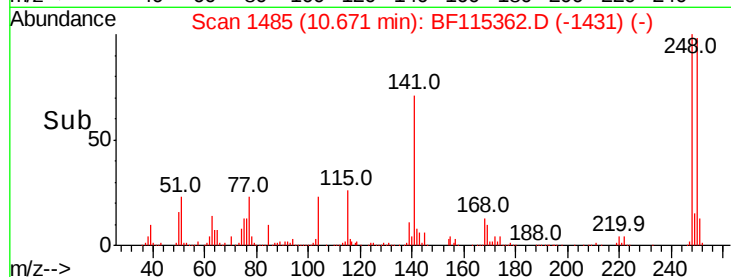
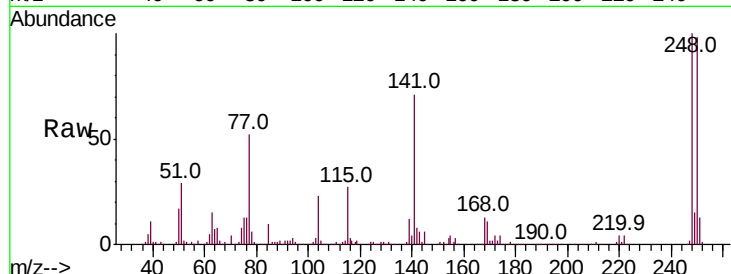
#67
4-Bromophenyl-phenylether
Concen: 34.251 ng
RT: 10.67 min Scan# 1485
Delta R.T. 0.02 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	76.2	114.2
141	71.1	59.6	89.4

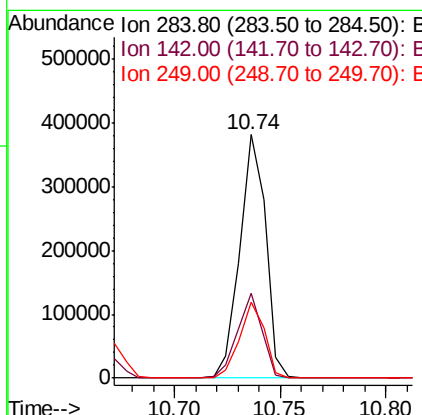
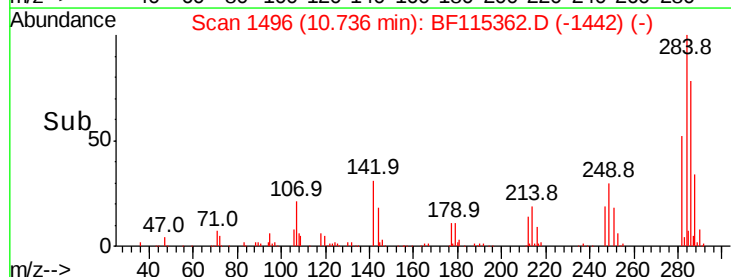
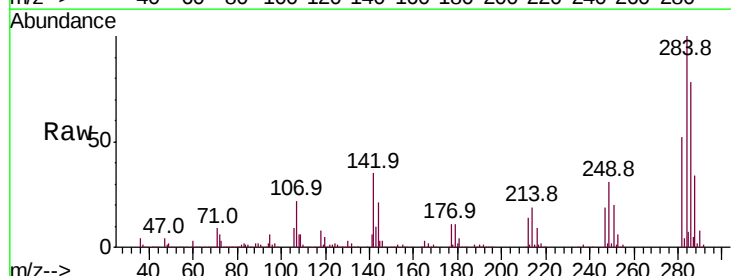
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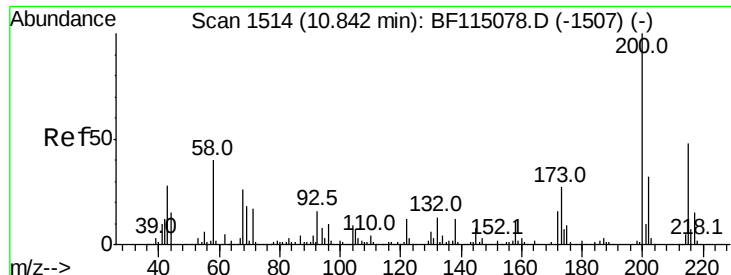
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#68
Hexachlorobenzene
Concen: 34.857 ng
RT: 10.74 min Scan# 1496
Delta R.T. 0.02 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.0	25.8	38.8
249	31.2	24.2	36.4





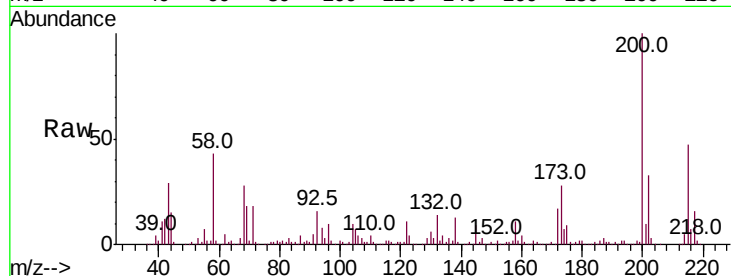
#69
Atrazine
Concen: 35.368 ng
RT: 10.84 min Scan# 1513
Delta R.T. 0.02 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

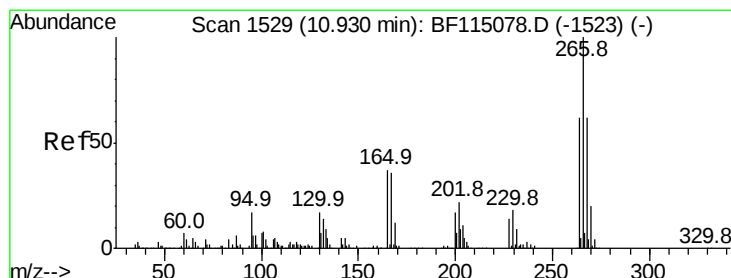
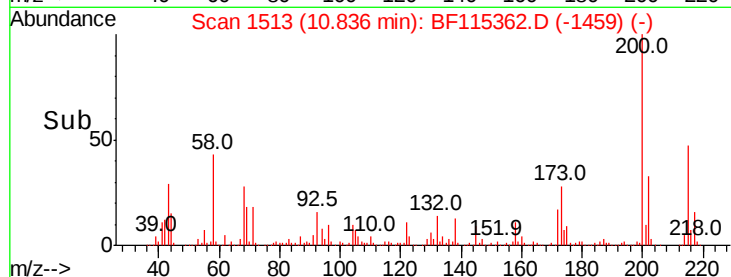
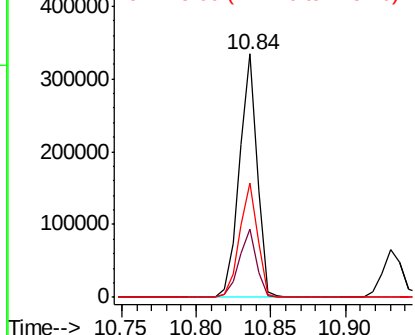
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.4	47.4
215	47.1	27.8	67.8

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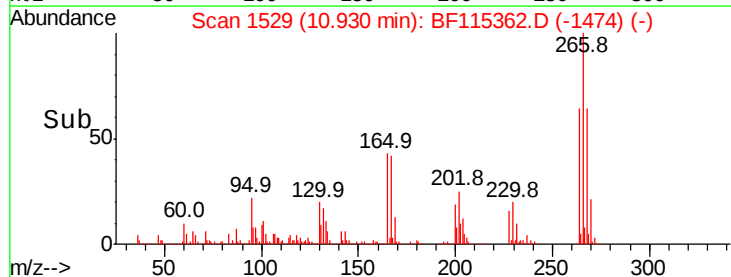
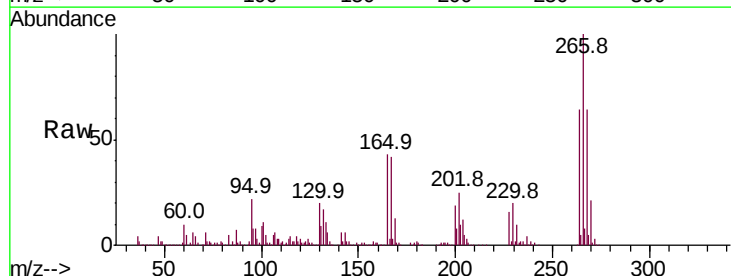
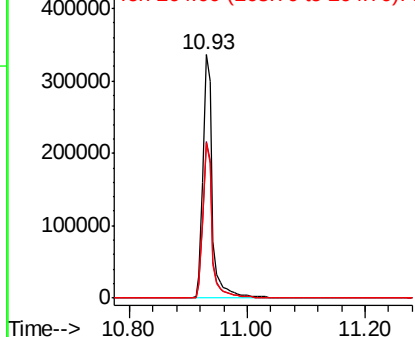
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

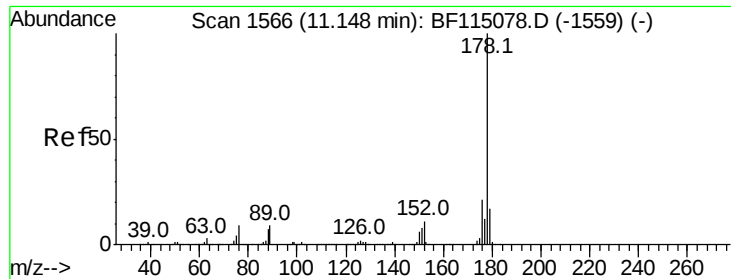


#70
Pentachlorophenol
Concen: 62.738 ng
RT: 10.93 min Scan# 1529
Delta R.T. 0.02 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	49.5	74.3
264	63.7	49.3	73.9

Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.998 ng

RT: 11.15 min Scan# 1566

Delta R.T. 0.02 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MS

Tot Ion:178 Resp: 1650405

Ion Ratio Lower Upper

178 100

176 20.8 16.9 25.3

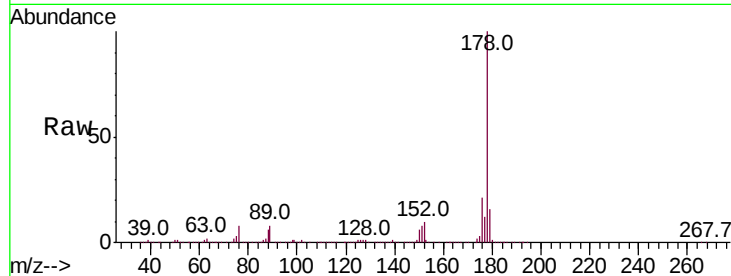
179 16.0 13.2 19.8

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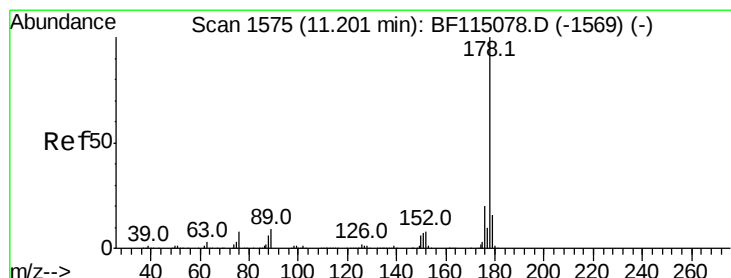
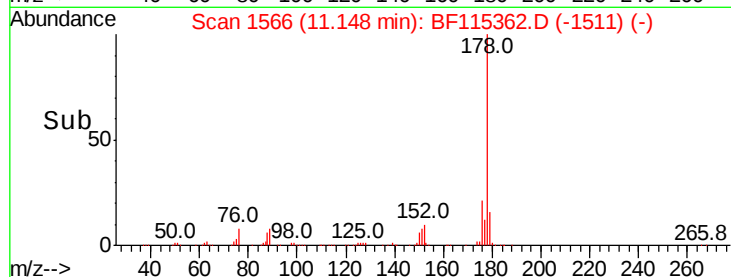
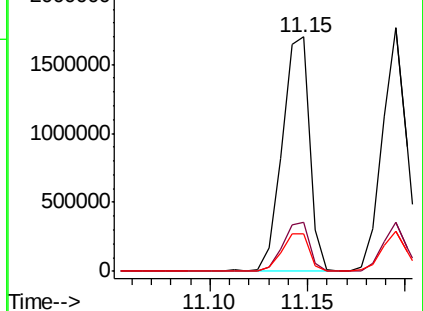
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 35.086 ng

RT: 11.19 min Scan# 1574

Delta R.T. 0.02 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Tgt Ion:178 Resp: 1498847

Ion Ratio Lower Upper

178 100

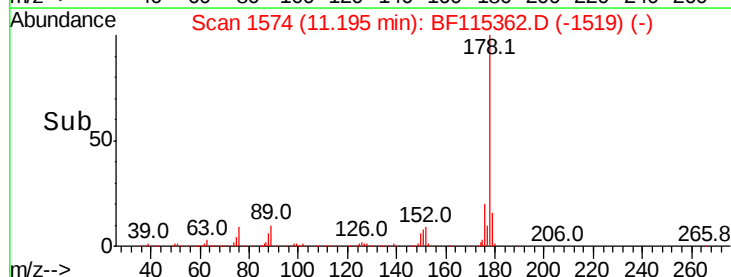
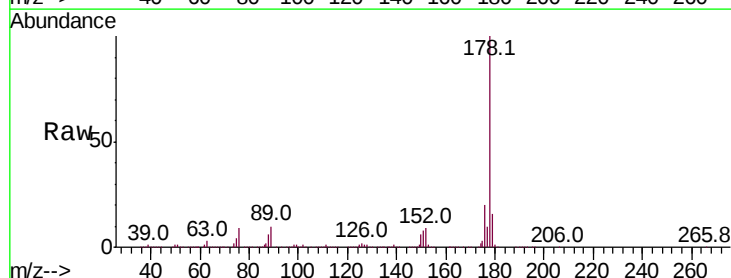
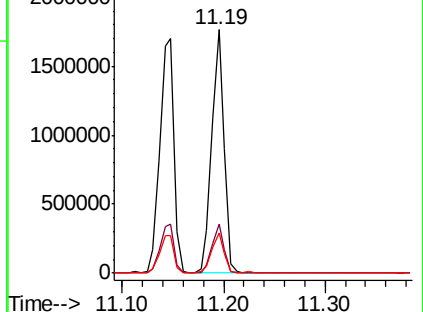
176 20.0 16.1 24.1

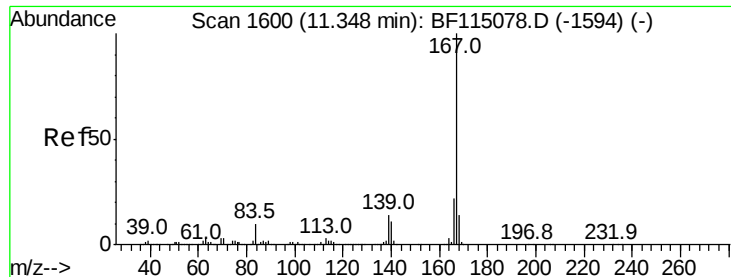
179 16.3 12.9 19.3

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





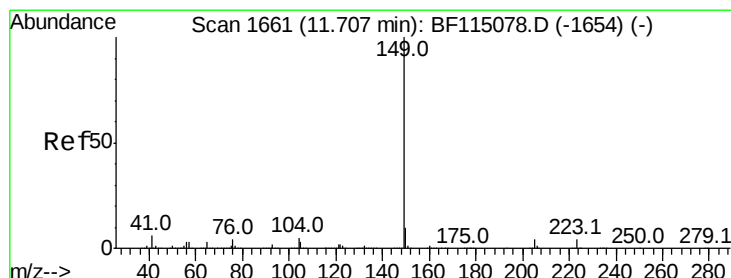
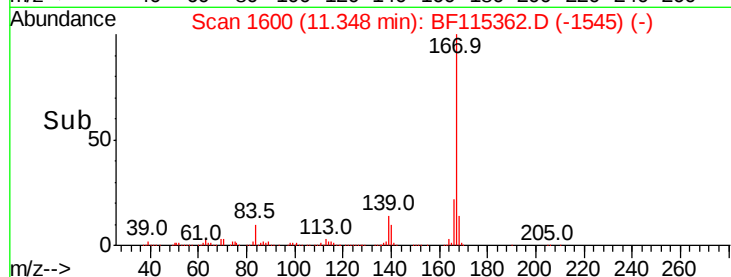
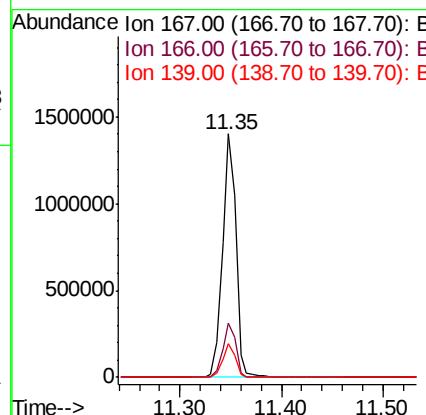
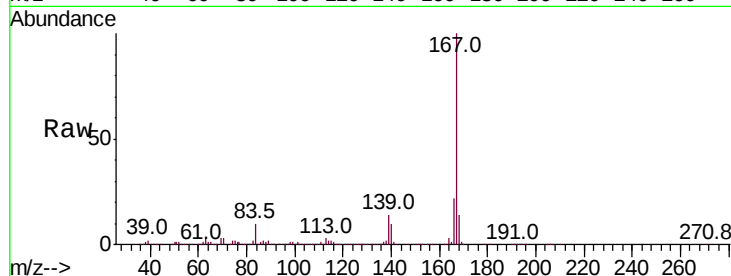
#73
 Carbazole
 Concen: 33.955 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. 0.02 min
 Lab File: BF115362.D
 Acq: 2 Jul 2019 16:27

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.0	27.0
139	13.8	11.1	16.7

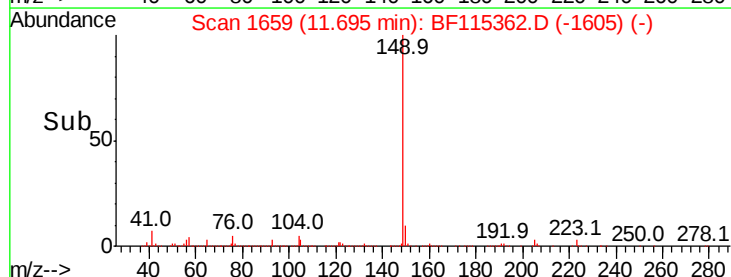
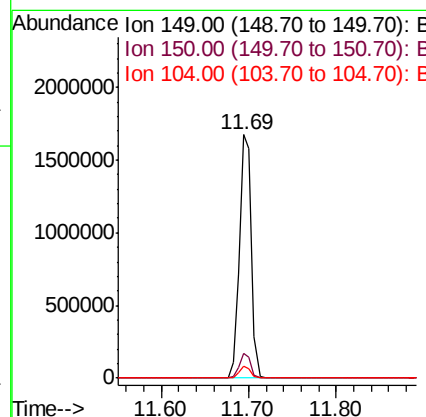
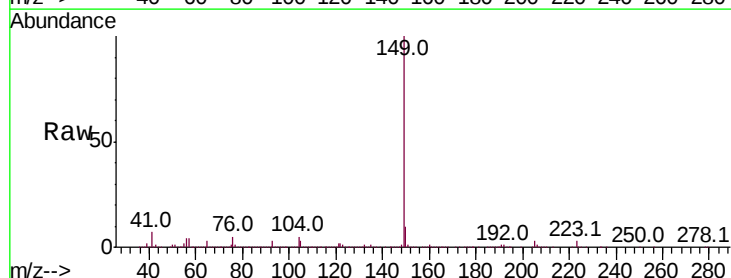
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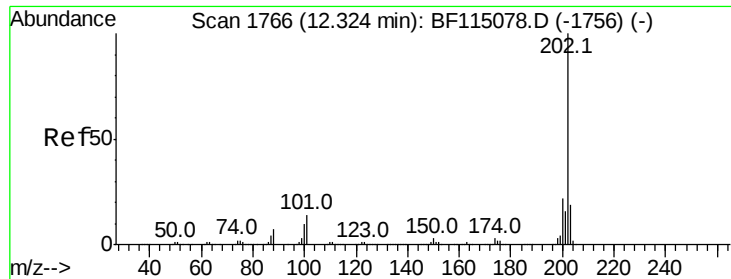
mohammad
 7/3/2019 10:51:41 PM



#74
 Di-n-butylphthalate
 Concen: 35.286 ng
 RT: 11.69 min Scan# 1659
 Delta R.T. 0.02 min
 Lab File: BF115362.D
 Acq: 2 Jul 2019 16:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.8	11.8
104	4.8	3.7	5.5





#75

Fluoranthene

Concen: 41.271 ng

RT: 12.33 min Scan# 1767

Delta R.T. 0.03 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MS

Tot Ion:202 Resp: 1742661

Ion Ratio Lower Upper

202 100

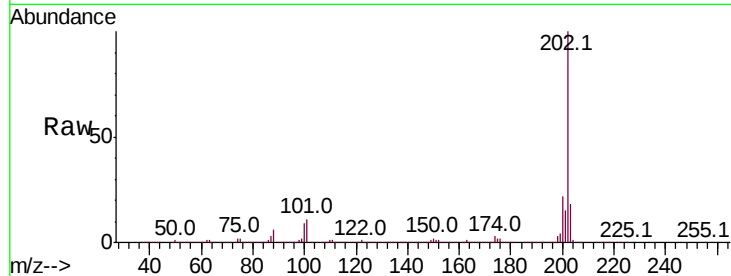
101 11.5 0.0 34.0

203 18.2 0.0 38.8

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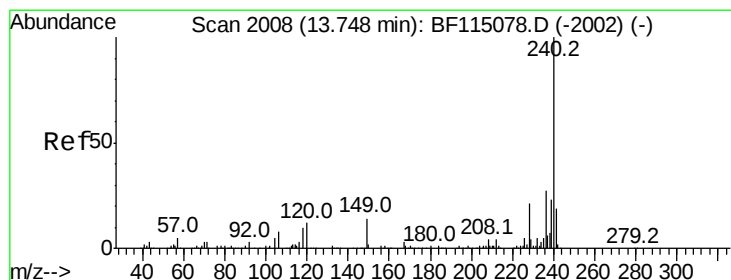
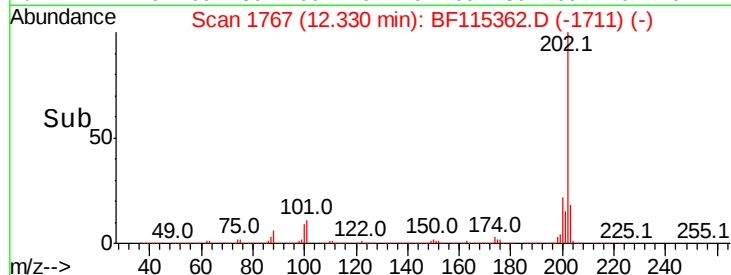
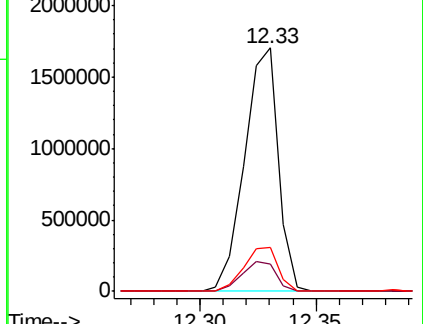
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.75 min Scan# 2008

Delta R.T. 0.03 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

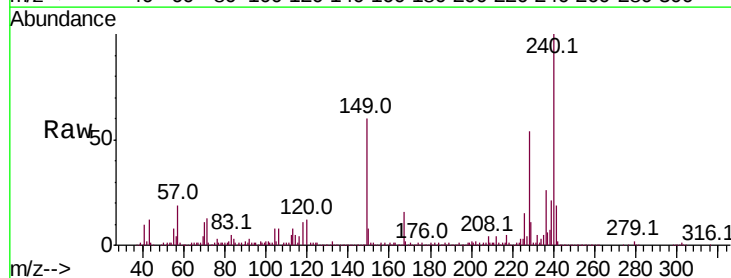
Tgt Ion:240 Resp: 440898

Ion Ratio Lower Upper

240 100

120 12.2 9.4 14.2

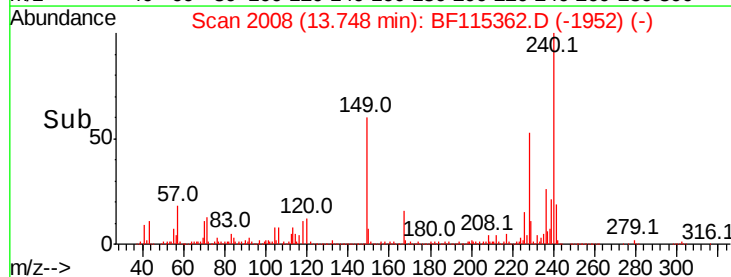
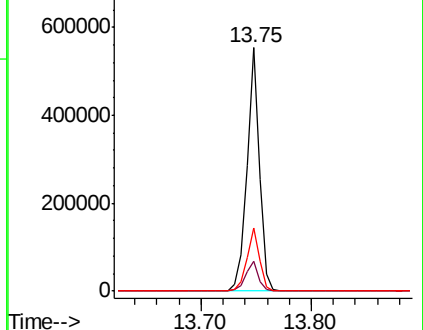
236 26.0 21.7 32.5

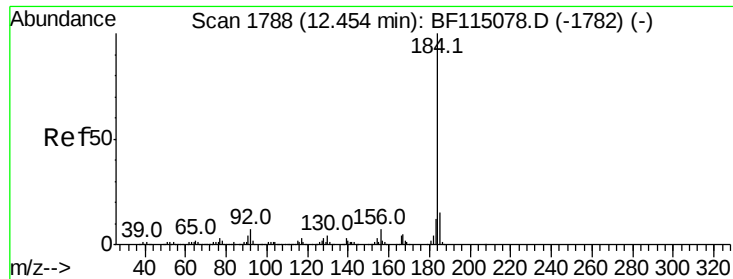


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.281 ng

RT: 12.45 min Scan# 1788

Delta R.T. 0.03 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

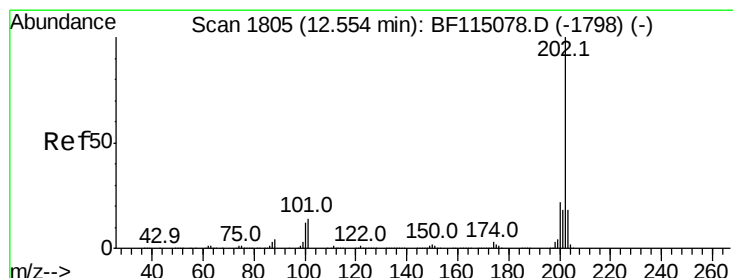
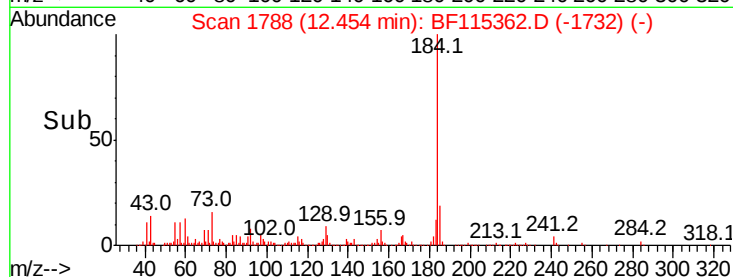
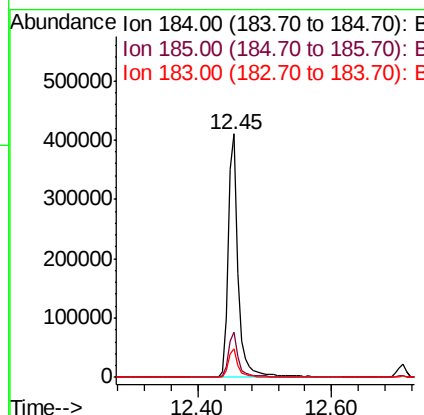
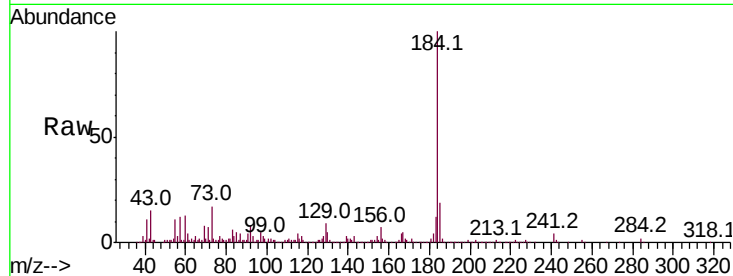
ClientSampleId :

HJDC-COMP-1MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	18.6	12.2	18.2#
183	11.8	9.6	14.4

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#78

Pyrene

Concen: 49.250 ng

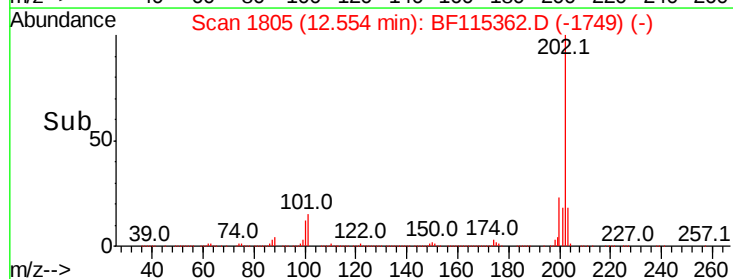
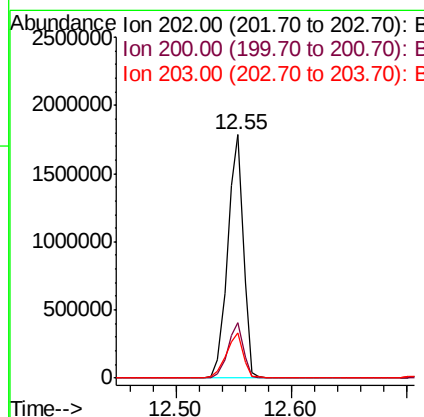
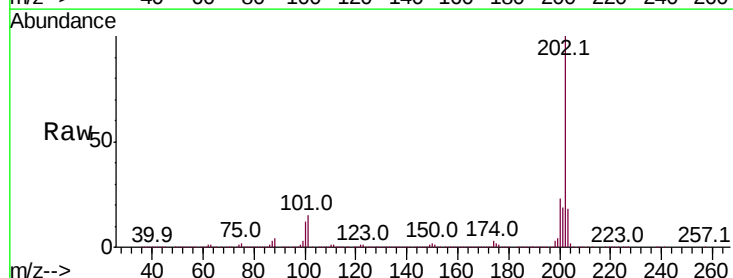
RT: 12.55 min Scan# 1805

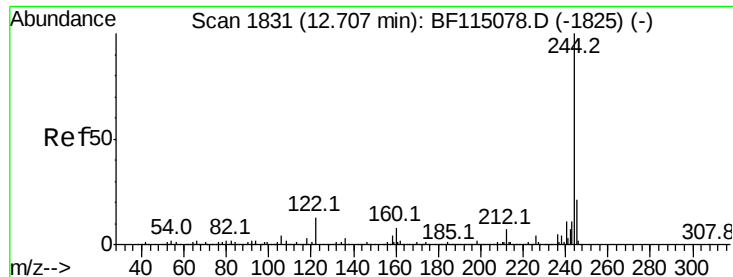
Delta R.T. 0.03 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.9	26.9
203	18.4	14.6	21.8





#79

Terphenyl-d14

Concen: 71.783 ng

RT: 12.71 min Scan# 1831

Delta R.T. 0.02 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MS

Tot Ion:244 Resp: 1488553

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

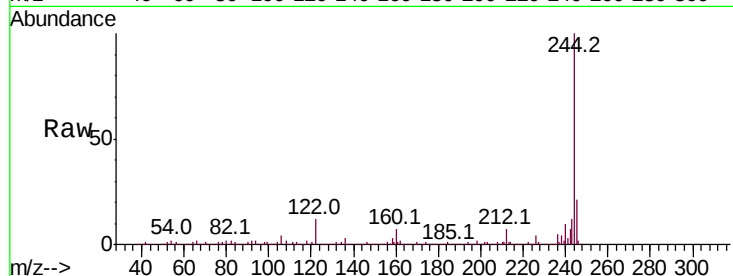
122 11.9 10.4 15.6

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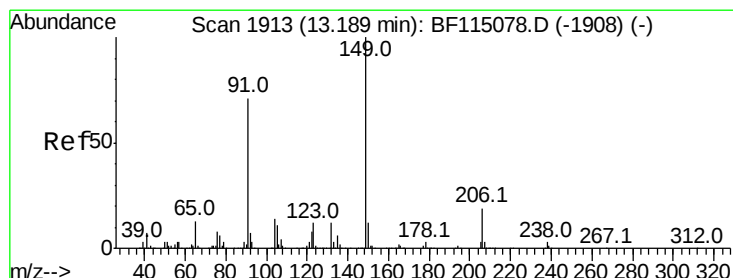
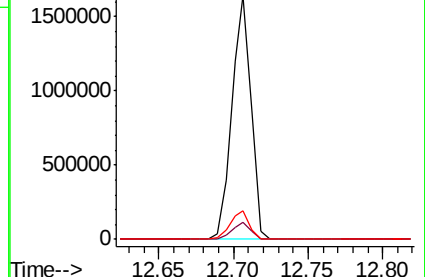
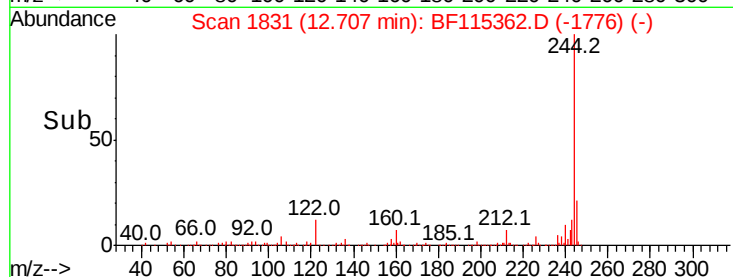
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.045 ng

RT: 13.18 min Scan# 1912

Delta R.T. 0.02 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

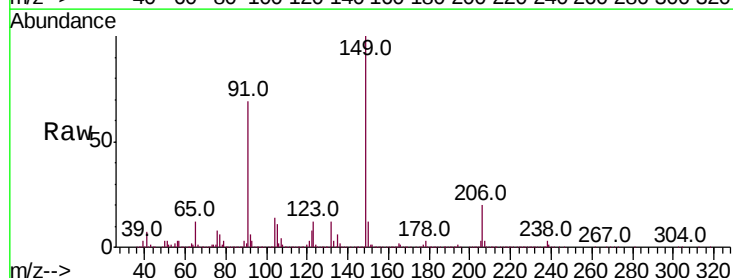
Tgt Ion:149 Resp: 568883

Ion Ratio Lower Upper

149 100

91 69.3 56.5 84.7

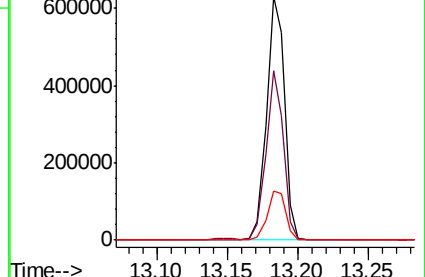
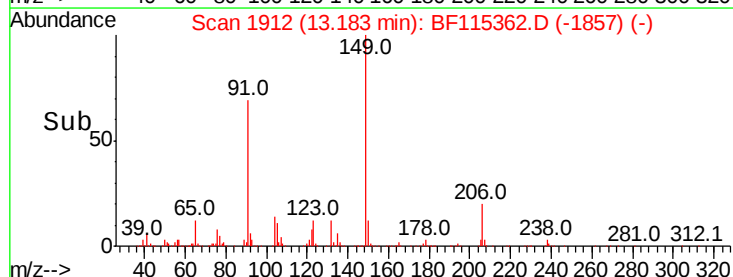
206 20.2 15.3 22.9

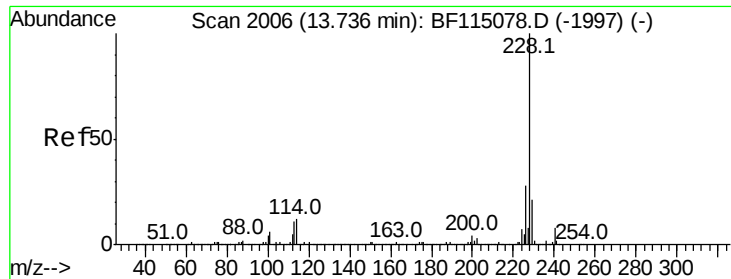


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.842 ng

RT: 13.74 min Scan# 2006

Delta R.T. 0.03 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MS

Tot Ion:228 Resp: 1260443

Ion Ratio Lower Upper

228 100

226 28.0 22.5 33.7

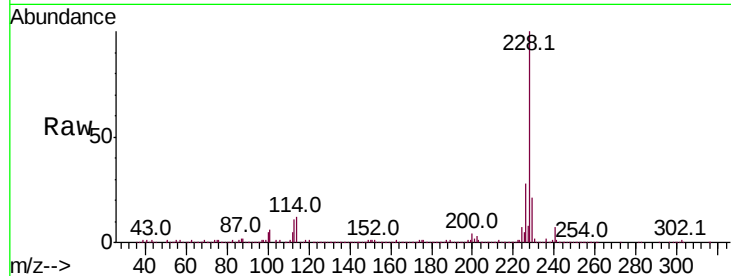
229 20.8 16.6 24.8

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7/3/2019 10:51:41 PM

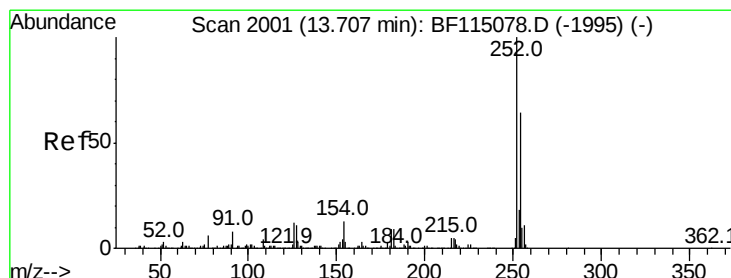
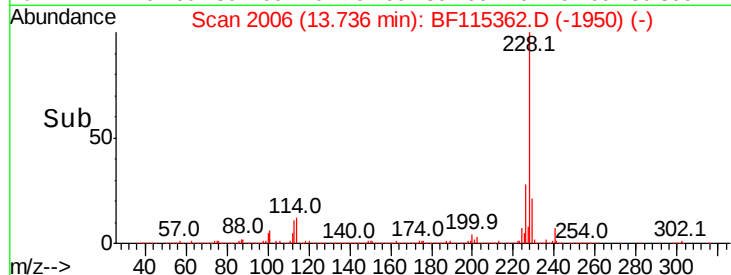
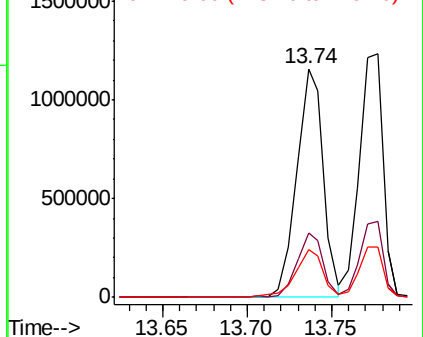


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.703 ng

RT: 13.71 min Scan# 2001

Delta R.T. 0.03 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

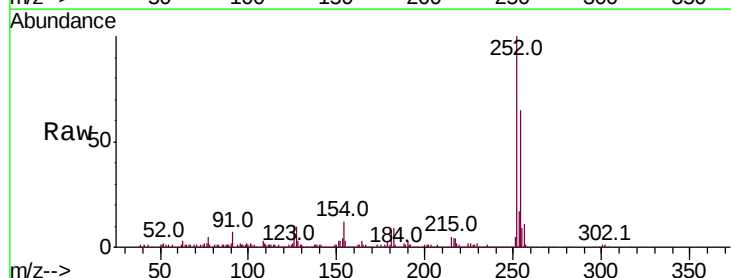
Tgt Ion:252 Resp: 316489

Ion Ratio Lower Upper

252 100

254 64.7 51.1 76.7

126 10.0 9.4 14.0

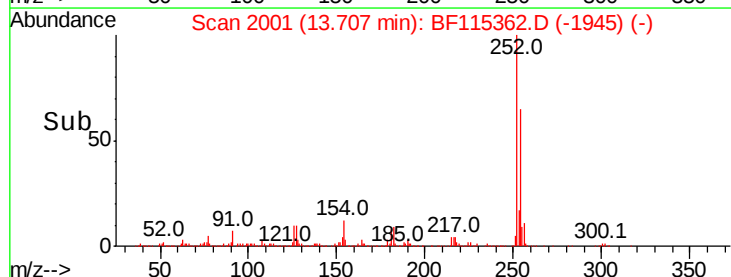
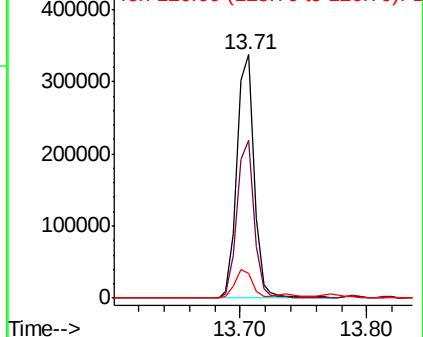


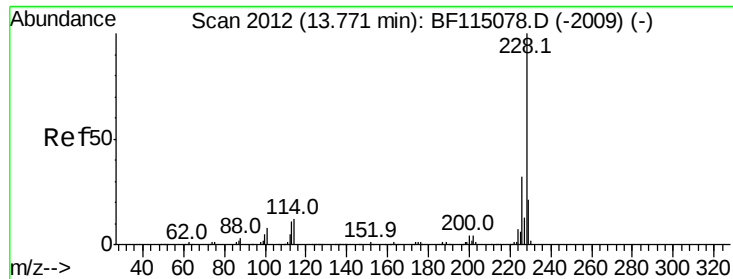
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





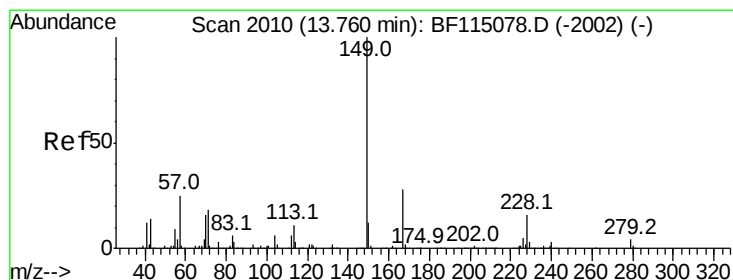
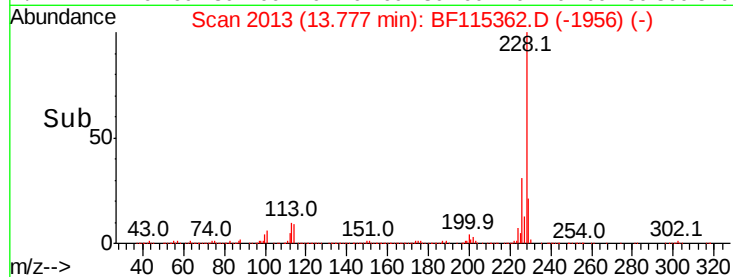
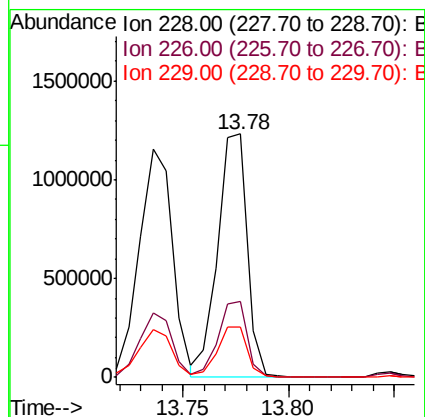
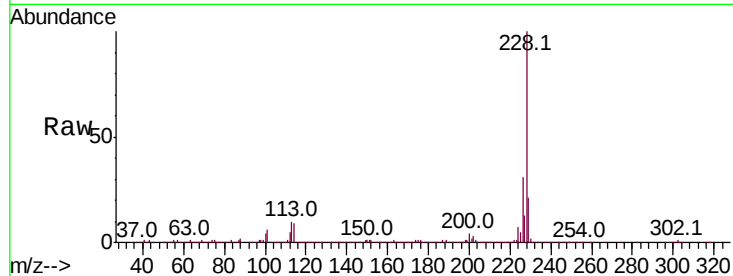
#83
Chrysene
Concen: 41.248 ng
RT: 13.78 min Scan# 2013
Delta R.T. 0.04 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tot Ion:228 Resp: 1195329
Ion Ratio Lower Upper
228 100
226 31.0 25.4 38.0
229 20.6 16.5 24.7

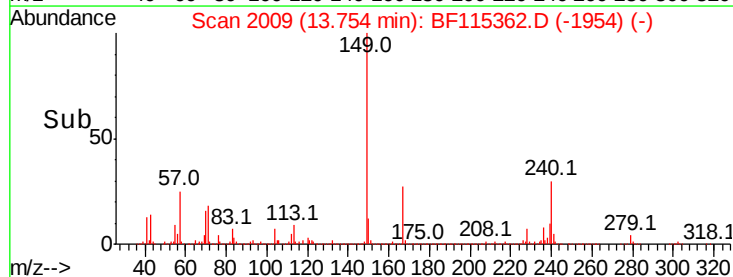
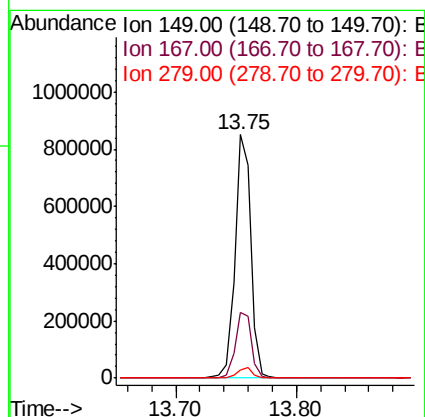
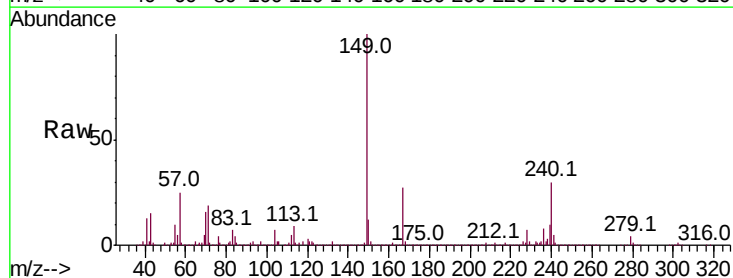
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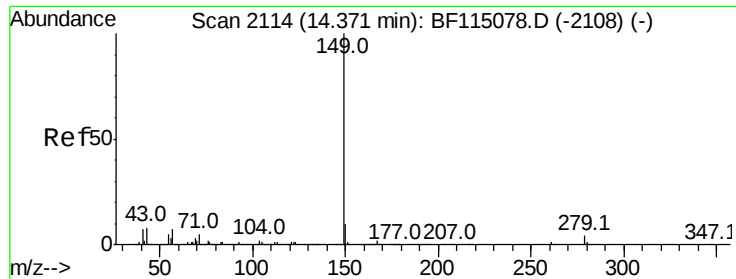
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.319 ng
RT: 13.75 min Scan# 2009
Delta R.T. 0.02 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion:149 Resp: 770391
Ion Ratio Lower Upper
149 100
167 27.1 22.2 33.4
279 3.5 2.9 4.3





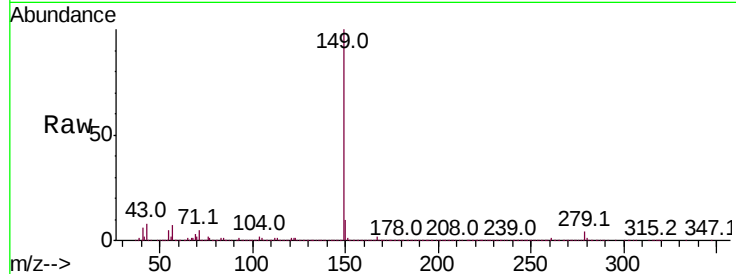
#85
Di-n-octyl phthalate
Concen: 37.917 ng
RT: 14.37 min Scan# 2113
Delta R.T. 0.02 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

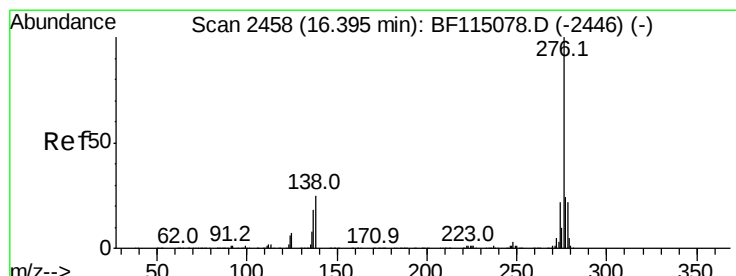
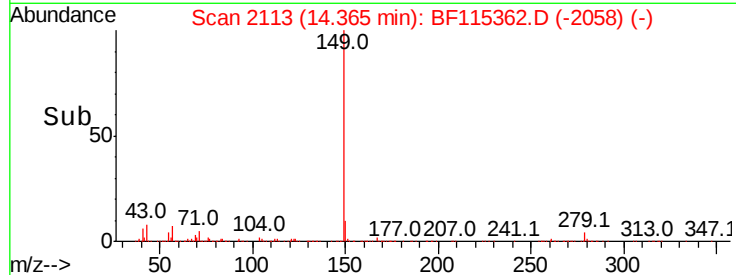
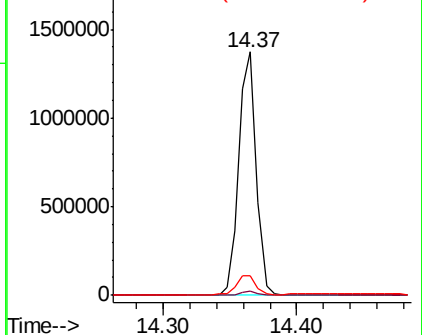
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.4	7.0	10.6

Manual Integrations
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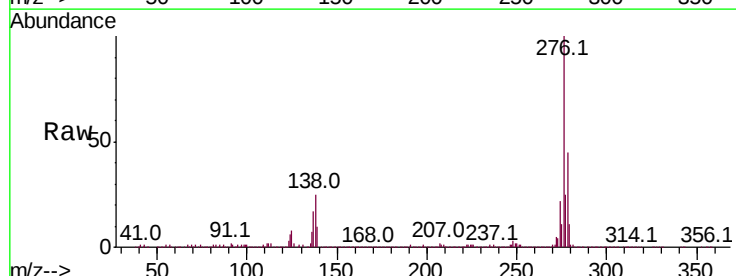


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

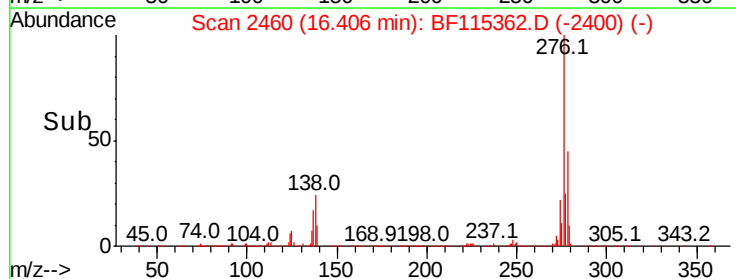
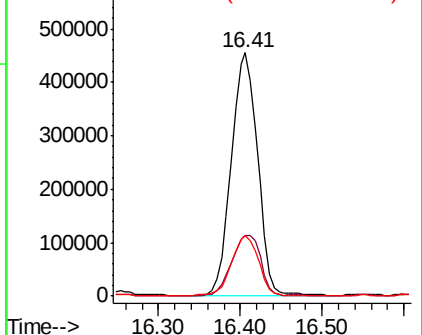


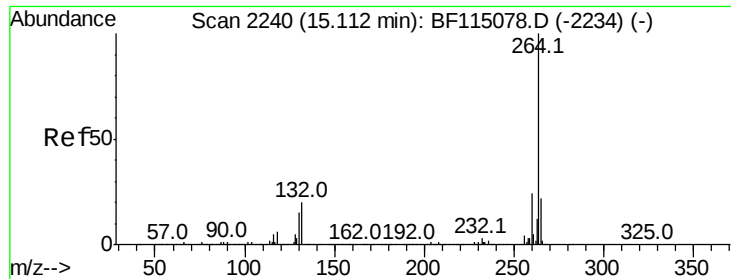
#86
Indeno(1,2,3-cd)pyrene
Concen: 29.660 ng
RT: 16.41 min Scan# 2460
Delta R.T. 0.05 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.3	23.2	34.8
277	25.1	20.1	30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.12 min Scan# 2241

Delta R.T. 0.04 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

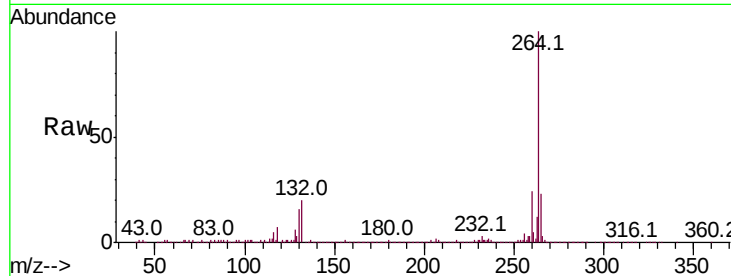
ClientSampleId :

HJDC-COMP-1MS

Tot Ion:	264	Resp:	516560
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.6	29.4
265	22.7	17.3	25.9

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7/3/2019 10:51:41 PM

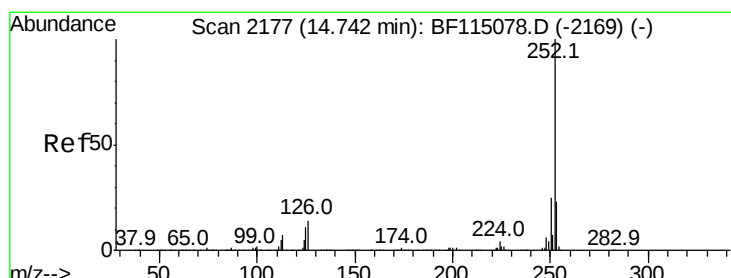
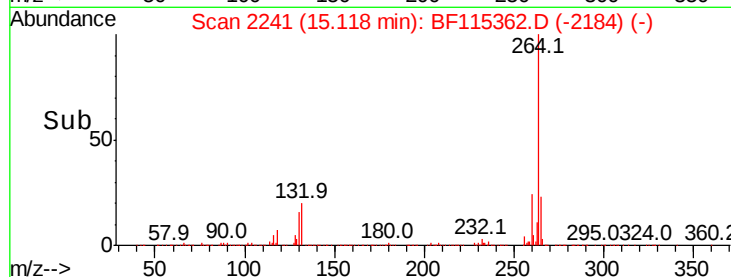
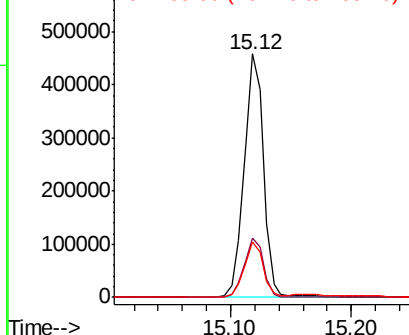


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.502 ng

RT: 14.75 min Scan# 2178

Delta R.T. 0.03 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

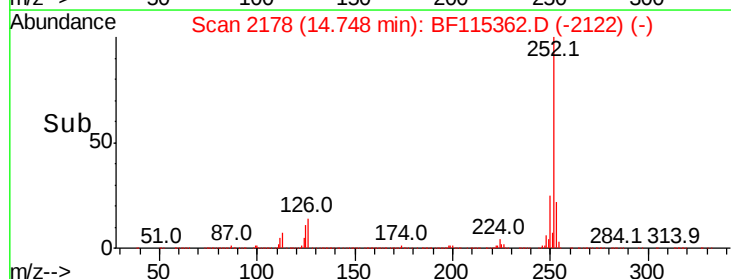
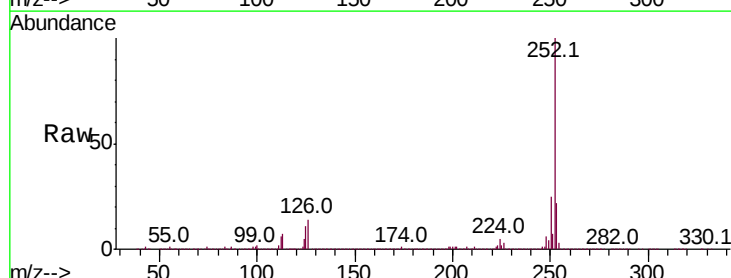
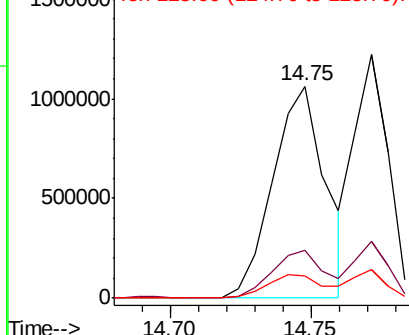
Tgt Ion:	252	Resp:	1369919
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.1	27.1
125	10.7	8.7	13.1

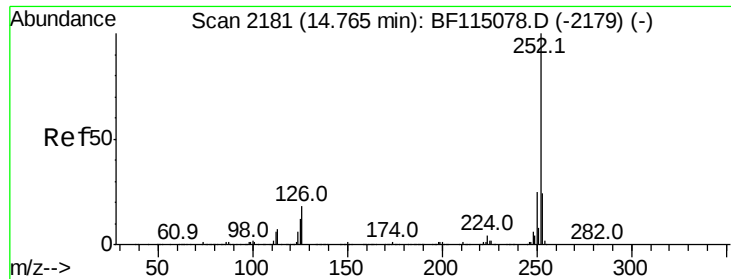
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





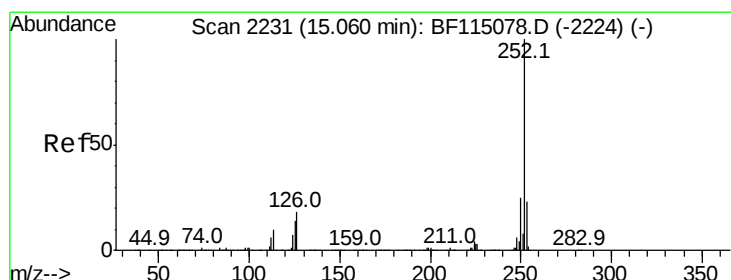
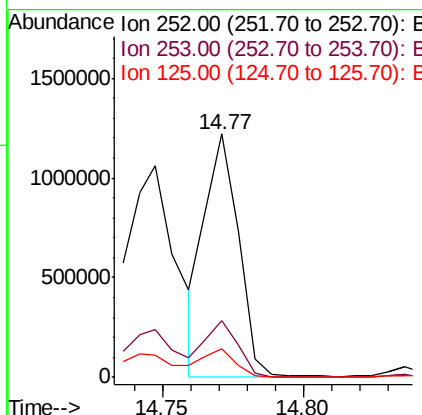
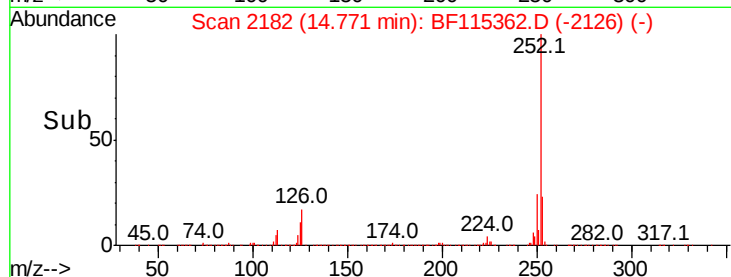
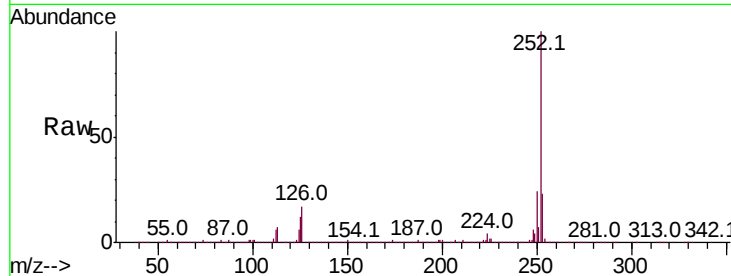
#89
Benzo(k)fluoranthene
Concen: 35.428 ng
RT: 14.77 min Scan# 2182
Delta R.T. 0.03 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tot Ion:252 Resp: 1024060
Ion Ratio Lower Upper
252 100
253 23.1 18.9 28.3
125 11.7 10.2 15.2

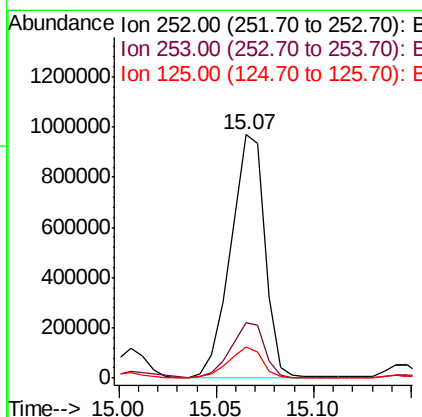
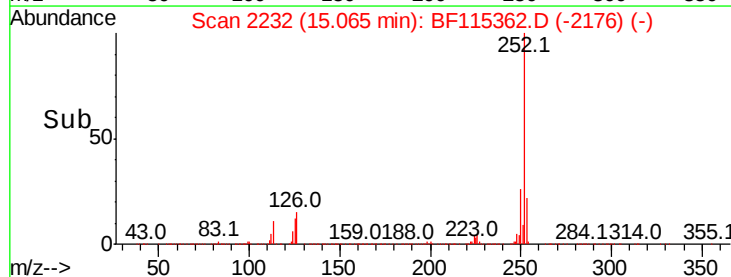
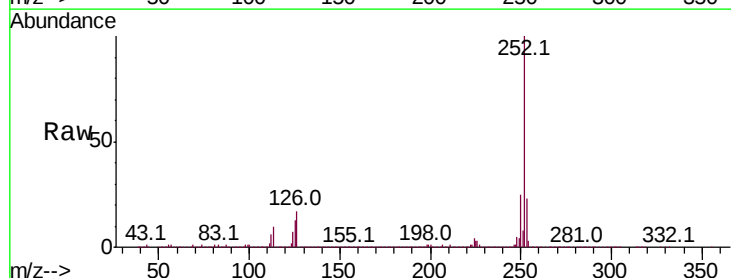
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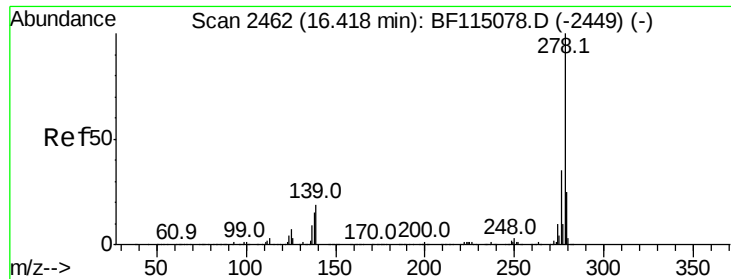
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7/3/2019 10:51:41 PM



#90
Benzo(a)pyrene
Concen: 40.369 ng
RT: 15.07 min Scan# 2232
Delta R.T. 0.03 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion:252 Resp: 1172754
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 12.9 10.9 16.3





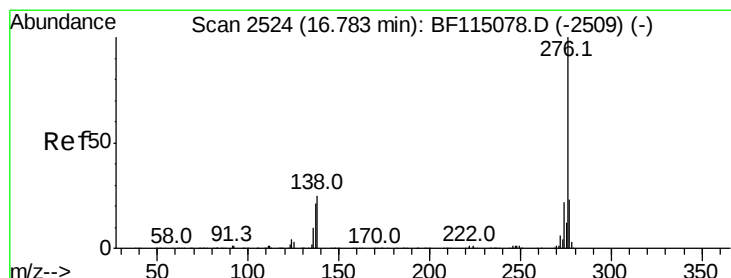
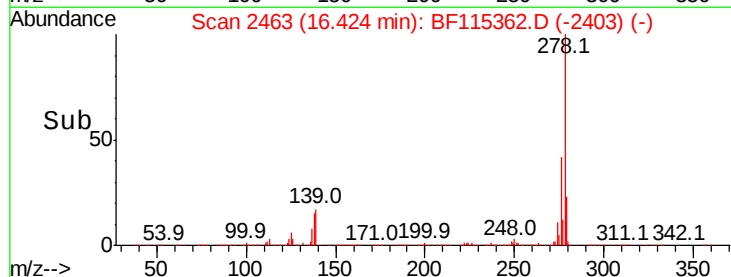
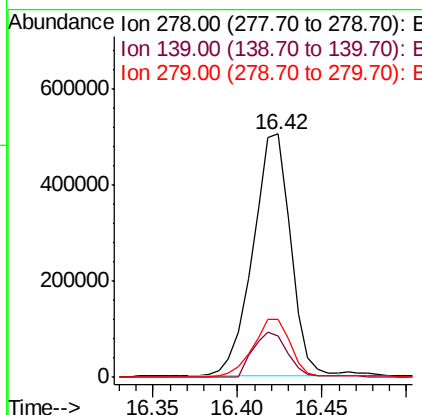
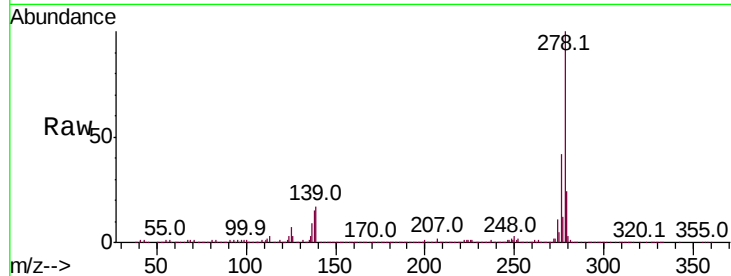
#91
Dibenzo(a,h)anthracene
Concen: 28.799 ng
RT: 16.42 min Scan# 2463
Delta R.T. 0.05 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	15.4	23.2
279	23.8	19.9	29.9

Manual Integrations
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7/3/2019 10:51:41 PM



#92
Benzo(g,h,i)perylene
Concen: 29.076 ng
RT: 16.79 min Scan# 2525
Delta R.T. 0.05 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	24.1	19.8	29.6

