

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
 Data File : BF115346.D
 Acq On : 1 Jul 2019 18:47
 Operator : HP/JU
 Sample : K3606-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MS

Manual Integrations
 APPROVED

mohammad
 7/2/2019 2:53:47 PM

Quant Time: Jul 02 09:16:27 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	6.60	152	205306	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	798286	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	375315	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	702247	20.00	ng	0.00
76) Chrysene-d12	13.72	240	434530	20.00	ng	0.00
87) Perylene-d12	15.09	264	377375	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	665061	49.99	ng	0.01
7) Phenol-d6	6.24	99	854024	52.89	ng	0.00
23) Nitrobenzene-d5	7.16	82	491900	37.91	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	216406	54.68	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	985904	44.62	ng	0.00
79) Terphenyl-d14	12.68	244	966589	47.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	86500	13.776	ng	97
3) Pyridine	2.85	79	223297	12.618	ng	99
4) n-Nitrosodimethylamine	2.78	42	94123	13.567	ng	95
6) Aniline	6.26	93	203551	9.172	ng	# 82
8) 2-Chlorophenol	6.38	128	248758	16.628	ng	99
9) Benzaldehyde	6.14	77	138277	13.125	ng	97
10) Phenol	6.25	94	300361	15.879	ng	97
11) bis(2-Chloroethyl)ether	6.34	93	227601	16.323	ng	98
12) 1,3-Dichlorobenzene	6.54	146	269471	16.231	ng	98
13) 1,4-Dichlorobenzene	6.62	146	273444	16.424	ng	99
14) 1,2-Dichlorobenzene	6.77	146	256799	16.656	ng	100
15) Benzyl Alcohol	6.74	79	184987	15.732	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.89	45	307326	15.197	ng	98
17) 2-Methylphenol	6.87	107	199121	16.126	ng	99
18) Hexachloroethane	7.11	117	72550	12.087	ng	96
19) n-Nitroso-di-n-propylamine	7.02	70	157854	15.269	ng	99
20) 3+4-Methylphenols	7.02	107	250292	17.554	ng	# 78
22) Acetophenone	7.01	105	332386	18.188	ng	# 94
24) Nitrobenzene	7.18	77	237675	16.625	ng	97
25) Isophorone	7.42	82	436563	16.422	ng	99
26) 2-Nitrophenol	7.50	139	97170	13.763	ng	99
27) 2,4-Dimethylphenol	7.55	122	213967	18.510	ng	99
28) bis(2-Chloroethoxy)methane	7.64	93	280436	16.690	ng	100
29) 2,4-Dichlorophenol	7.74	162	205716	17.244	ng	97
30) 1,2,4-Trichlorobenzene	7.83	180	223844	16.987	ng	98
31) Naphthalene	7.91	128	748110	19.091	ng	98
32) Benzoic acid	7.65	122	6018m	0.729	ng	
33) 4-Chloroaniline	7.95	127	215982	12.060	ng	99
34) Hexachlorobutadiene	8.03	225	120531	16.692	ng	98
35) Caprolactam	8.30	113	62945	15.694	ng	98
36) 4-Chloro-3-methylphenol	8.44	107	201994	16.720	ng	97
37) 2-Methylnaphthalene	8.60	142	482346	18.256	ng	98
38) 1-Methylnaphthalene	8.70	142	446747	17.704	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	208479	19.657	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	29997	4.770	nq	95
43) 2,4,6-Trichlorophenol	8.87	196	141338	17.262	nq	98
44) 2,4,5-Trichlorophenol	8.91	196	151894	18.014	nq	98
46) 1,1'-Biphenyl	9.06	154	567312	18.891	nq	97
47) 2-Chloronaphthalene	9.08	162	431204	17.702	nq	98
48) 2-Nitroaniline	9.17	65	136543	19.227	nq	95
49) Acenaphthylene	9.49	152	735100	19.369	nq	97
50) Dimethylphthalate	9.36	163	608614	22.041	nq	98
51) 2,6-Dinitrotoluene	9.41	165	95375	14.961	nq	100
52) Acenaphthene	9.66	154	415598	17.500	nq	99
53) 3-Nitroaniline	9.58	138	137748	17.707	nq	99
54) 2,4-Dinitrophenol	9.69	184	1813	7.846	nq	# 52
55) Dibenzofuran	9.83	168	621645	18.237	nq	97
56) 4-Nitrophenol	9.74	139	178862	28.678	nq	97
57) 2,4-Dinitrotoluene	9.81	165	115314	14.009	nq	87
58) Fluorene	10.17	166	484437	17.290	nq	100
59) 2,3,4,6-Tetrachlorophenol	9.95	232	122381	17.309	nq	96
60) Diethylphthalate	10.06	149	489911	17.650	nq	99
61) 4-Chlorophenyl-phenylether	10.17	204	214853	15.455	nq	100
62) 4-Nitroaniline	10.18	138	145844	18.688	nq	100
63) Azobenzene	10.33	77	427867	16.504	nq	98
65) 4,6-Dinitro-2-methylphenol	10.22	198	3928	5.903	nq	# 71
66) n-Nitrosodiphenylamine	10.29	169	407507	18.626	nq	100
67) 4-Bromophenyl-phenylether	10.65	248	134354	17.646	nq	98
68) Hexachlorobenzene	10.72	284	143537	17.368	nq	99
69) Atrazine	10.82	200	128424	18.248	nq	99
70) Pentachlorophenol	10.91	266	145380	27.613	nq	99
71) Phenanthrene	11.13	178	1162242	30.739	nq	98
72) Anthracene	11.18	178	838480	21.969	nq	99
73) Carbazole	11.33	167	646337	18.965	nq	99
74) Di-n-butylphthalate	11.68	149	739480	18.777	nq	100
75) Fluoranthene	12.31	202	1547370	41.017	nq	97
77) Benzidine	12.43	184	236857	12.276	nq	98
78) Pyrene	12.54	202	1505329	45.078	nq	99
80) Butylbenzylphthalate	13.17	149	341123	23.147	nq	95
81) Benzo(a)anthracene	13.72	228	968684	31.069	nq	100
82) 3,3'-Dichlorobenzidine	13.68	252	179565	15.948	nq	98
83) Chrysene	13.75	228	915762	32.064	nq	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	430696	22.304	nq	# 99
85) Di-n-octyl phthalate	14.34	149	620187	19.115	nq	99
86) Indeno(1,2,3-cd)pyrene	16.37	276	522041	15.447	nq	97
88) Benzo(b)fluoranthene	14.72	252	802004	34.060	nq	98
89) Benzo(k)fluoranthene	14.74	252	558429	26.445	nq	99
90) Benzo(a)pyrene	15.04	252	663162	31.247	nq	100
91) Dibenzo(a,h)anthracene	16.38	278	349647	17.647	nq	98
92) Benzo(g,h,i)perylene	16.74	276	446153	22.248	nq	98

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

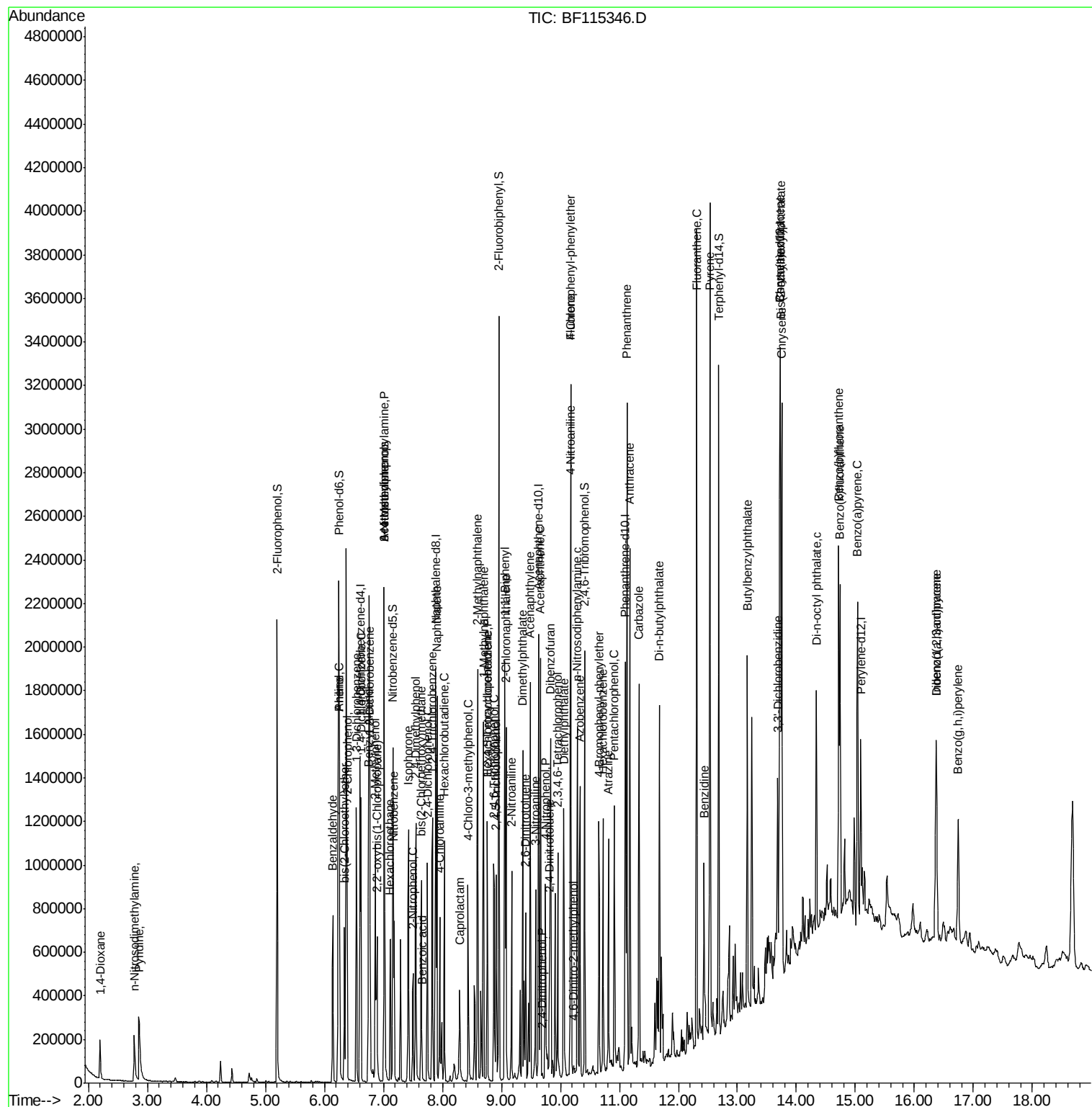
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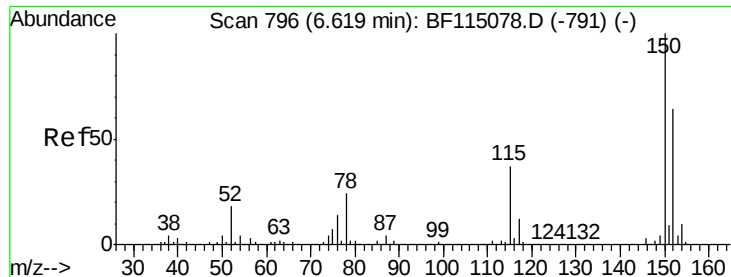
Instrument :
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#1

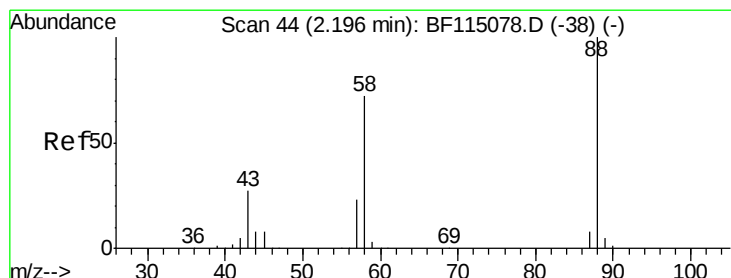
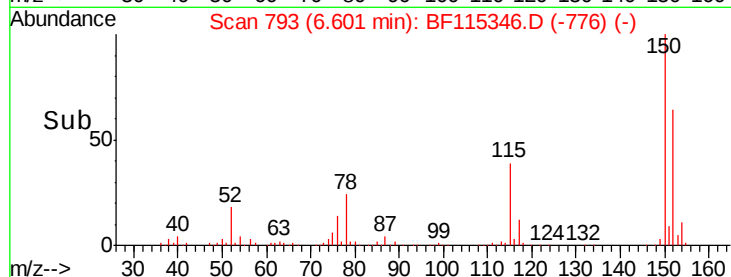
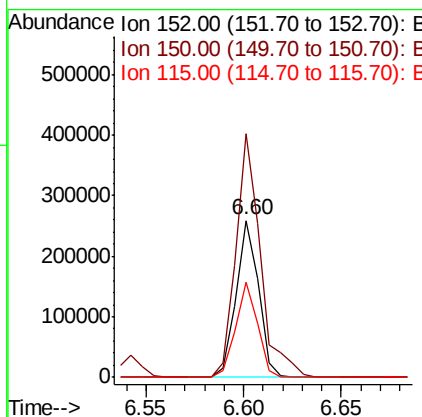
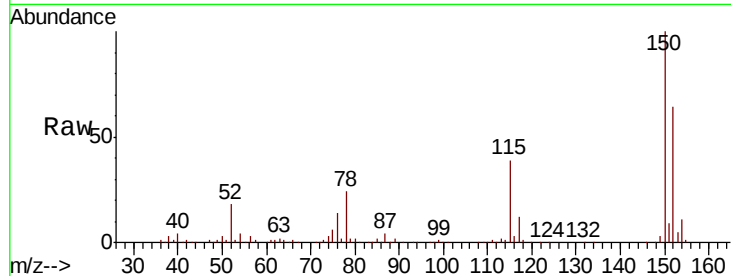
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.2	186.2
115	60.3	46.1	69.1

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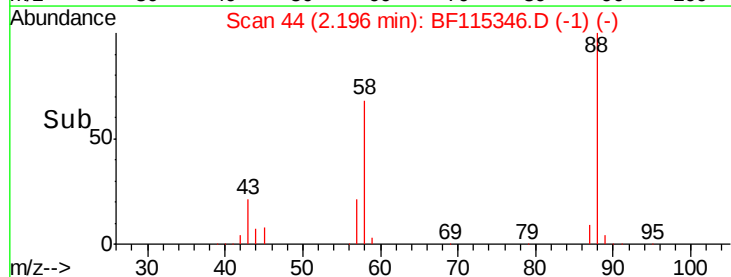
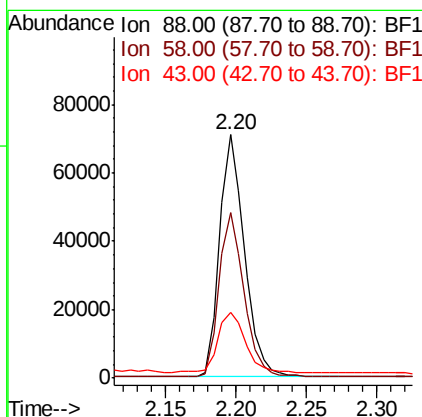
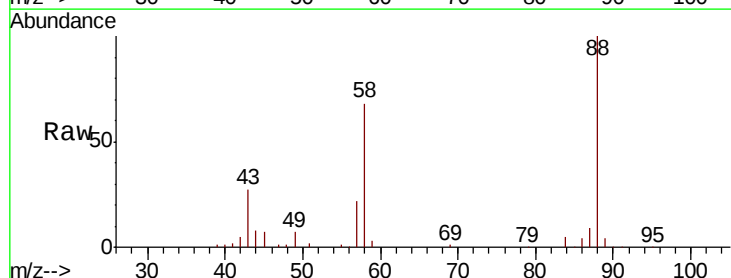
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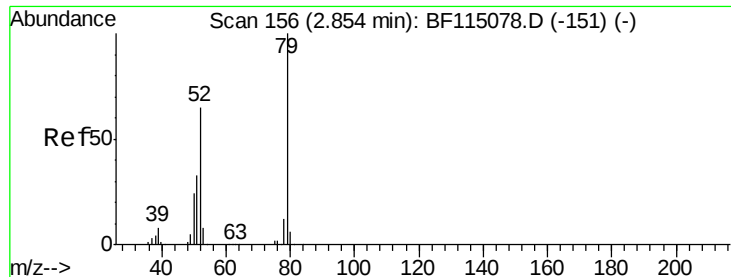


#2

1,4-Dioxane
Concen: 13.776 ng
RT: 2.20 min Scan# 44
Delta R.T. 0.04 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.6	56.1	84.1
43	28.0	21.3	31.9





#3

Pvridine

Concen: 12.618 ng

RT: 2.85 min Scan# 156

Delta R.T. 0.05 min

Lab File: BF115346.D

Acq: 1 Jul 2019 18:47

Instrument :

BNA_F

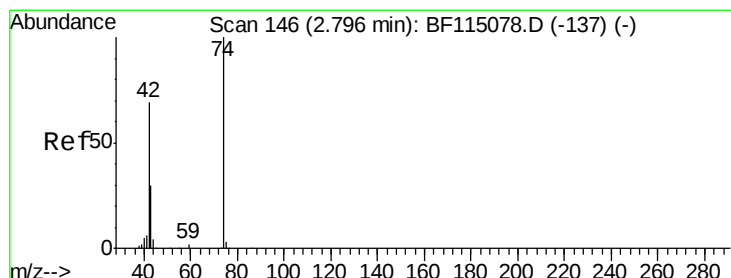
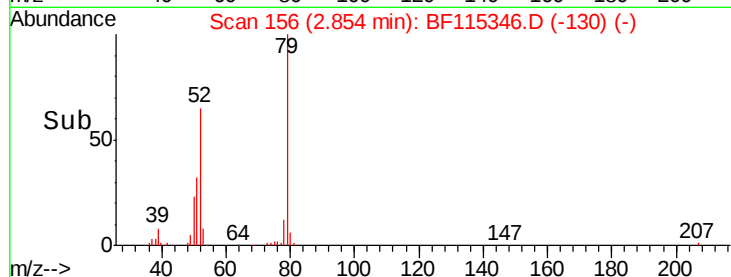
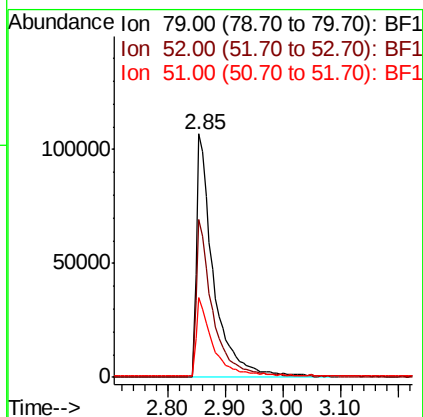
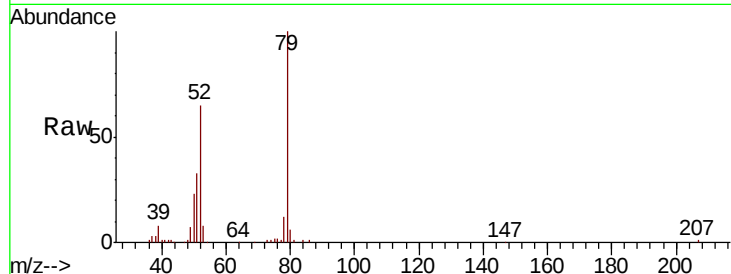
ClientSampleId :

HJDC-COMP-1MS

Tot Ion:	79	Resp:	223297
Ion	Ratio	Lower	Upper
79	100		
52	64.7	52.3	78.5
51	32.6	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 13.567 ng

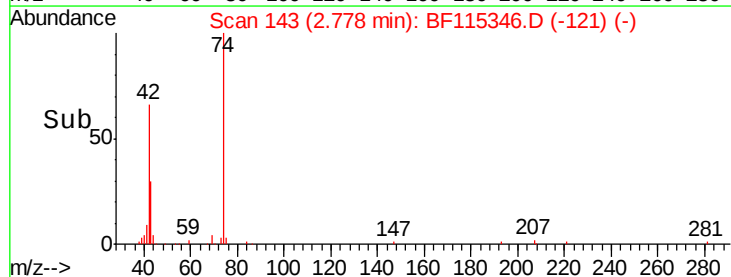
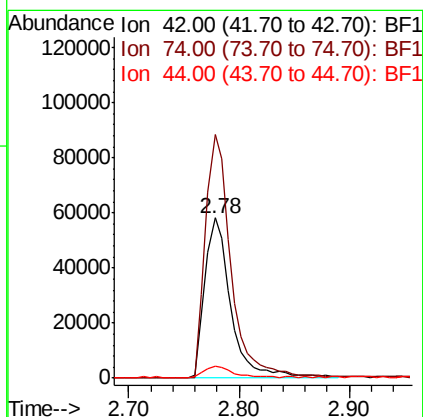
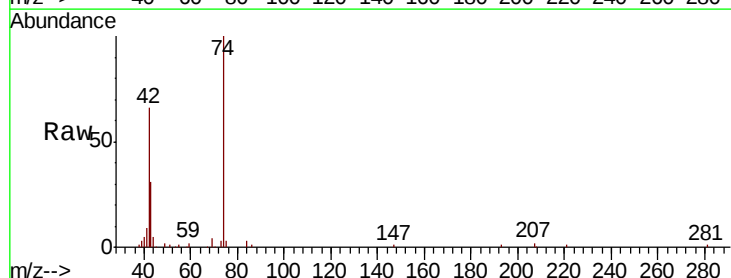
RT: 2.78 min Scan# 143

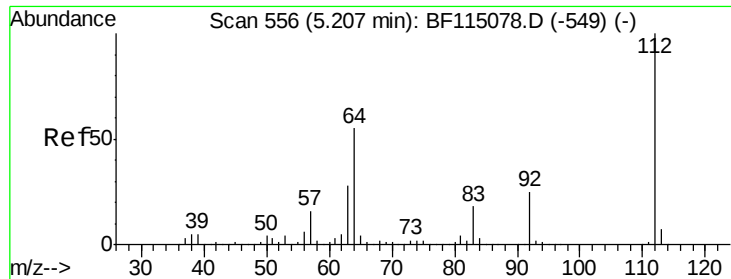
Delta R.T. 0.03 min

Lab File: BF115346.D

Acq: 1 Jul 2019 18:47

Tgt Ion:	42	Resp:	94123
Ion	Ratio	Lower	Upper
42	100		
74	152.0	116.6	175.0
44	7.1	5.3	7.9





#5

2-Fluorophenol

Concen: 49.989 ng

RT: 5.20 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF115346.D

Acq: 1 Jul 2019 18:47

Instrument :

BNA_F

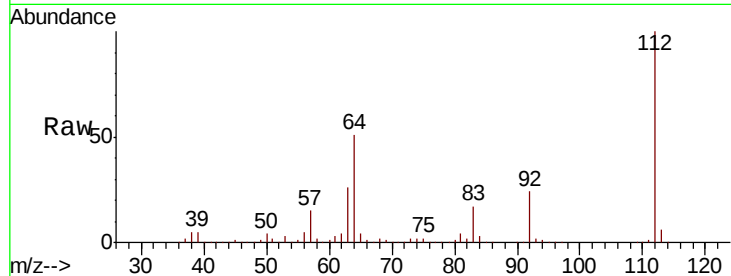
ClientSampleId :

HJDC-COMP-1MS

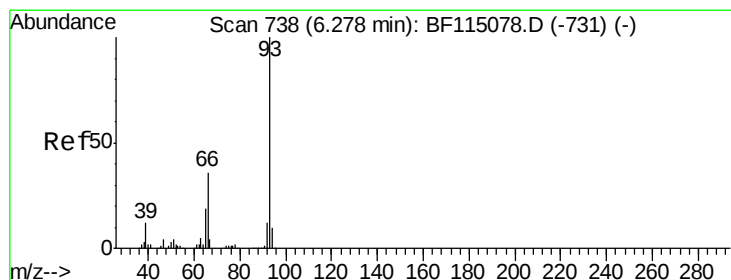
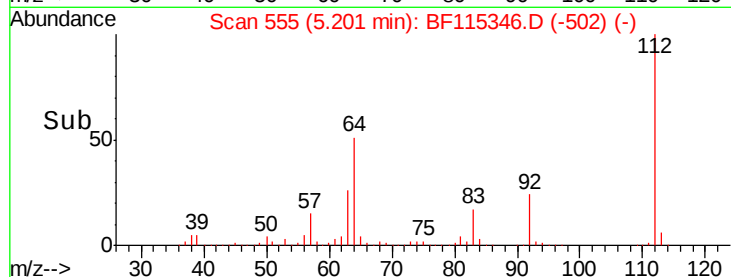
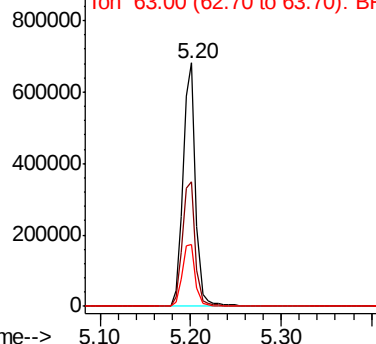
Tot Ion:	112	Resp:	665061
Ion Ratio	Lower	Upper	
112	100		
64	51.1	43.8	65.6
63	25.6	22.2	33.4

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.172 ng

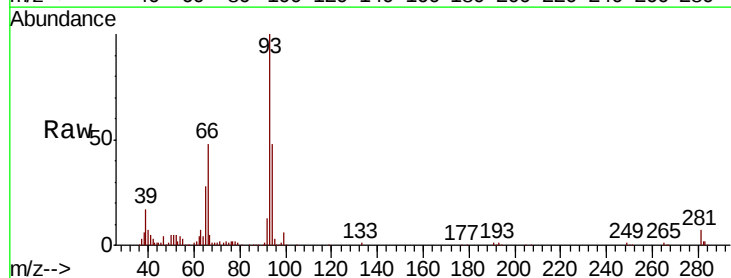
RT: 6.26 min Scan# 735

Delta R.T. 0.00 min

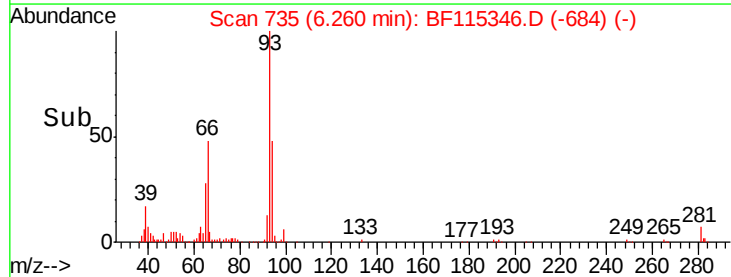
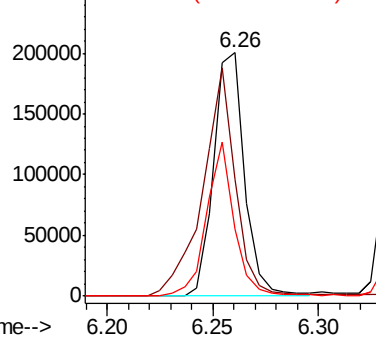
Lab File: BF115346.D

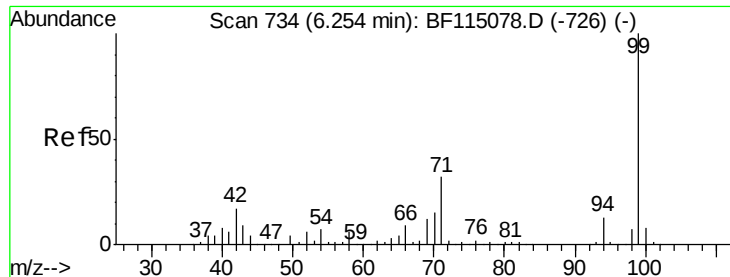
Acq: 1 Jul 2019 18:47

Tgt Ion:	93	Resp:	203551
Ion Ratio	Lower	Upper	
93	100		
66	48.1	30.0	45.0#
65	27.7	15.6	23.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 52.887 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115346.D

Acq: 1 Jul 2019 18:47

Instrument :

BNA_F

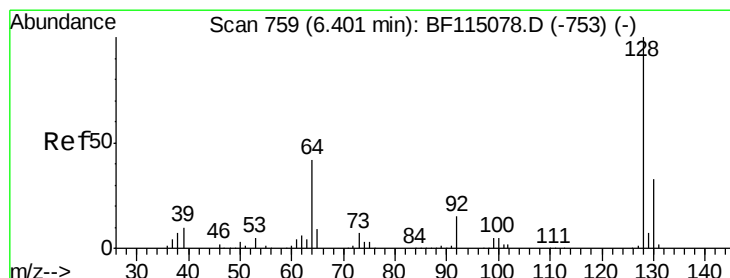
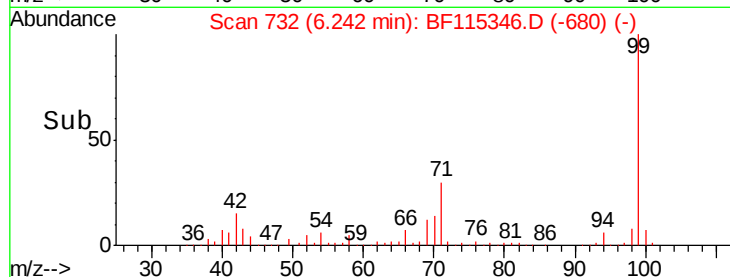
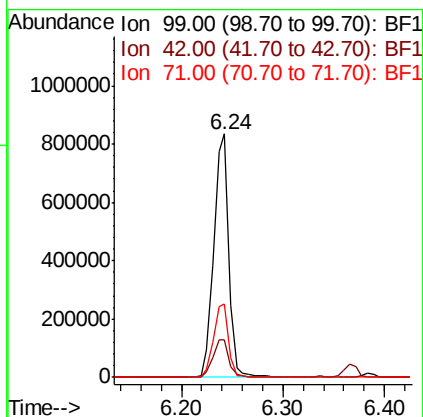
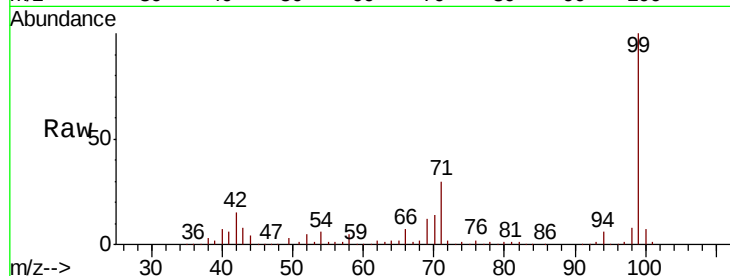
ClientSampleId :

HJDC-COMP-1MS

Tot Ion:	99	Resp:	854024
Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.6	20.4
71	30.2	25.5	38.3

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#8

2-Chlorophenol

Concen: 16.628 ng

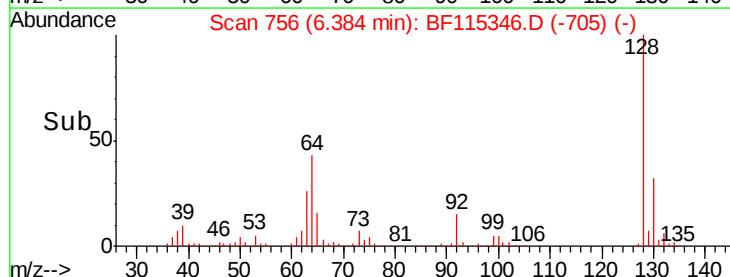
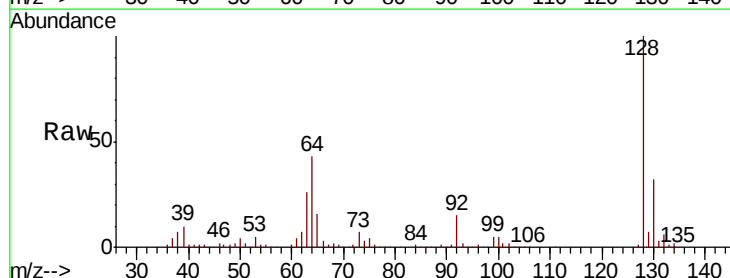
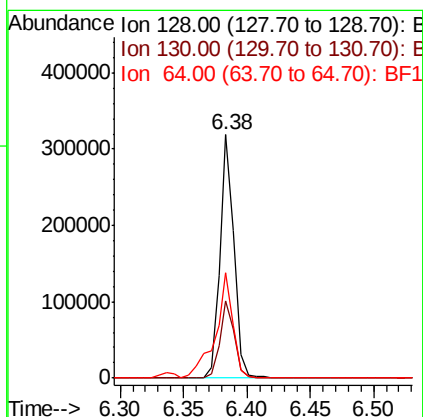
RT: 6.38 min Scan# 756

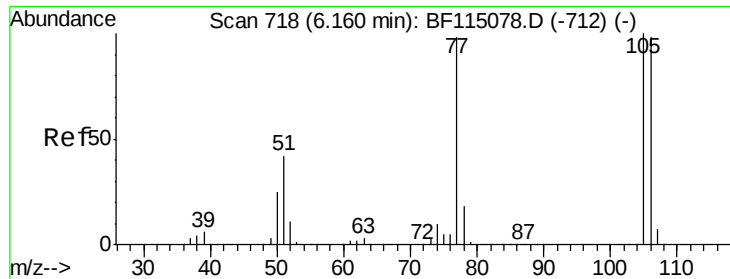
Delta R.T. 0.00 min

Lab File: BF115346.D

Acq: 1 Jul 2019 18:47

Tgt Ion:	128	Resp:	248758
Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.9	52.9
64	43.1	22.9	62.9





#9

Benzaldehyde

Concen: 13.125 ng

RT: 6.14 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF115346.D

Acq: 1 Jul 2019 18:47

Instrument :

BNA_F

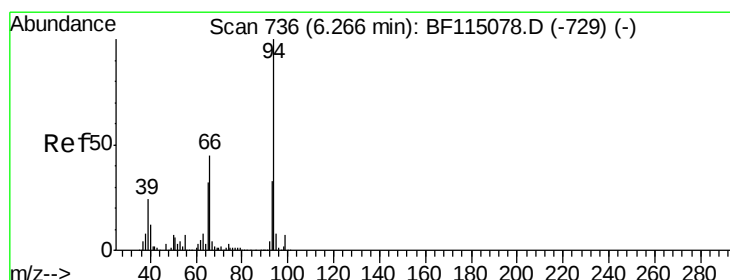
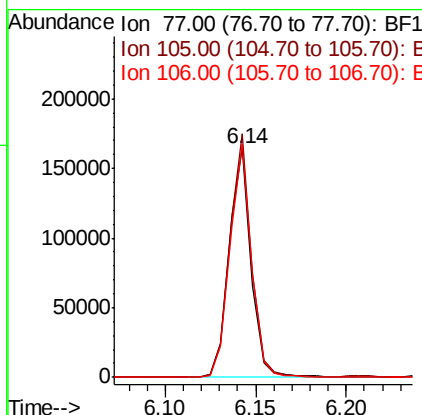
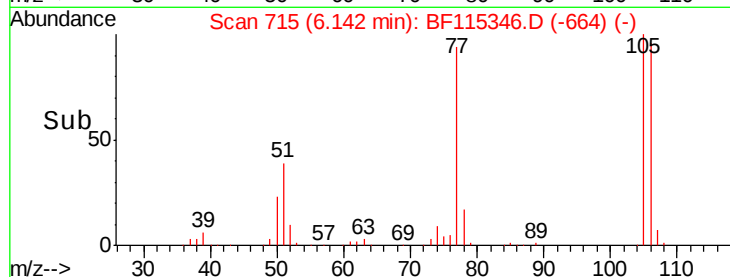
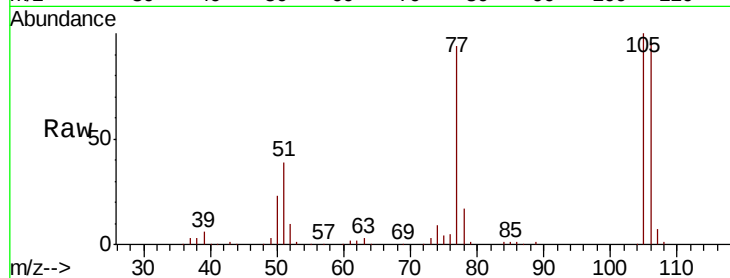
ClientSampleId :

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Tot Ion:	77	Resp:	138277
Ion Ratio	Lower	Upper	
77	100		
105	106.2	81.5	121.5
106	101.9	79.7	119.7

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#10

Phenol

Concen: 15.879 ng

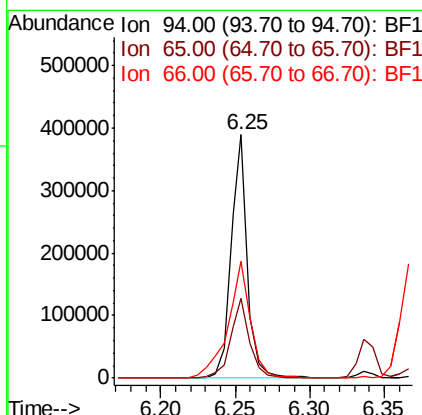
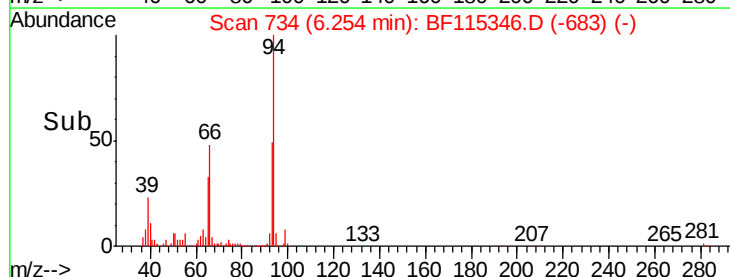
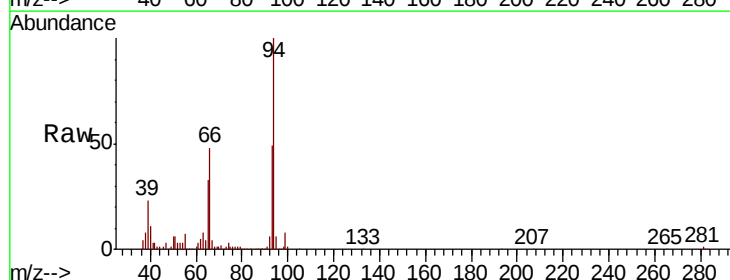
RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115346.D

Acq: 1 Jul 2019 18:47

Tgt Ion:	94	Resp:	300361
Ion Ratio	Lower	Upper	
94	100		
65	32.5	11.9	51.9
66	48.2	25.2	65.2





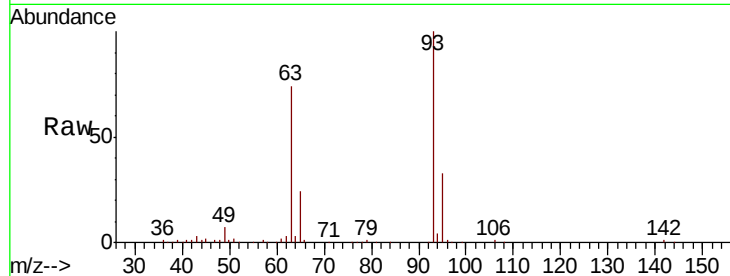
#11
bis(2-Chloroethyl)ether
Concen: 16.323 ng
RT: 6.34 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

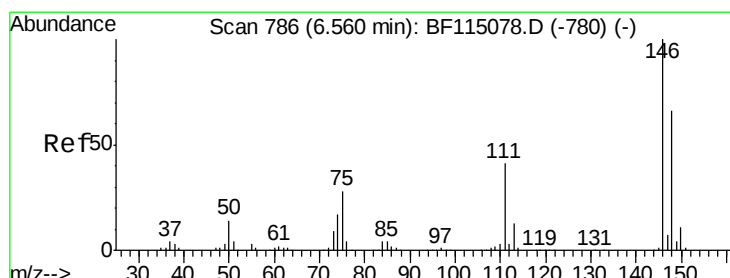
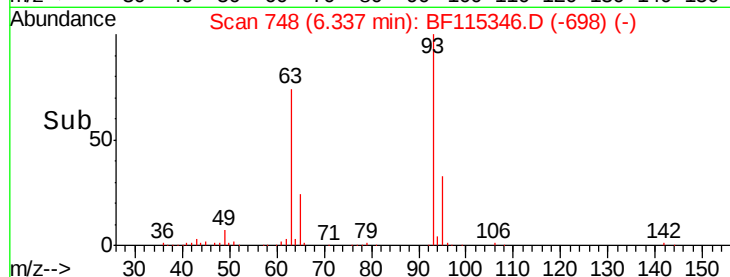
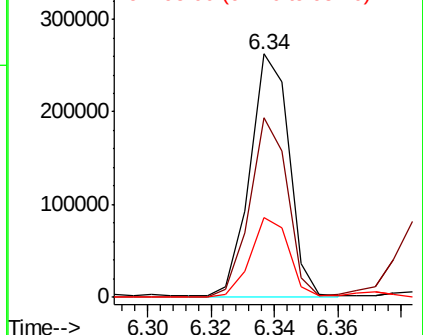
Tot Ion:	93	Resp:	227601
Ion Ratio	Lower	Upper	
93	100		
63	73.6	51.5	91.5
95	32.7	13.4	53.4

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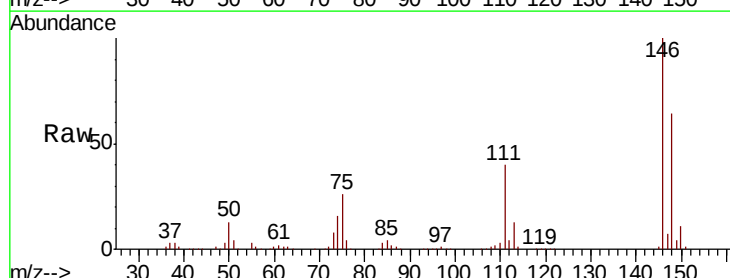


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

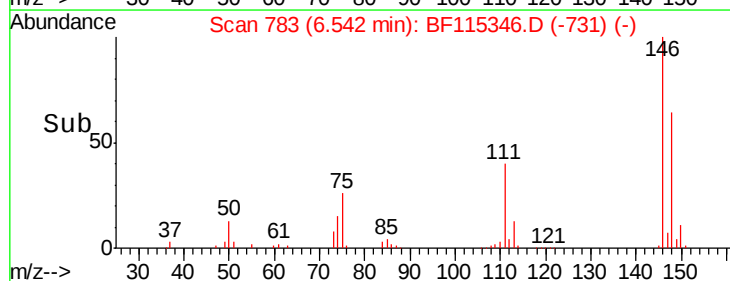
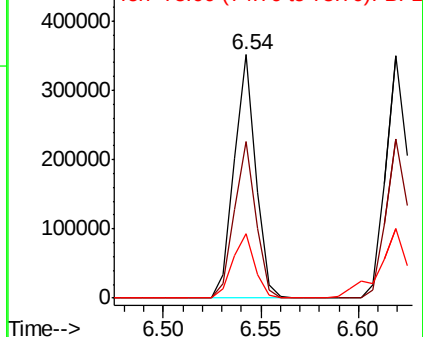


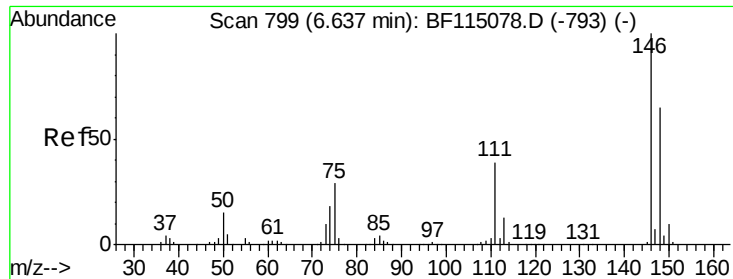
#12
1,3-Dichlorobenzene
Concen: 16.231 ng
RT: 6.54 min Scan# 783
Delta R.T. 0.01 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Tgt Ion:	146	Resp:	269471
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.6	78.8
75	26.3	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





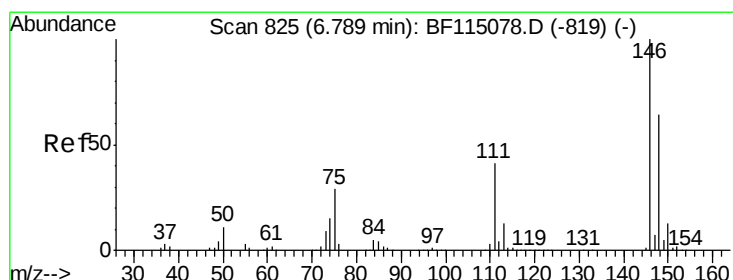
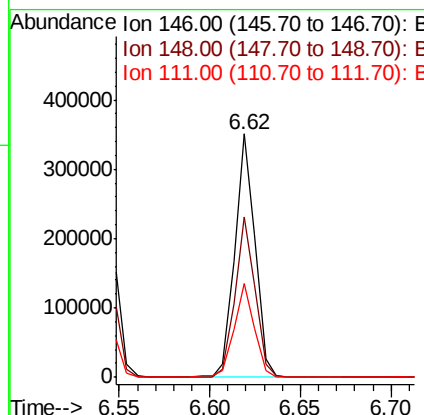
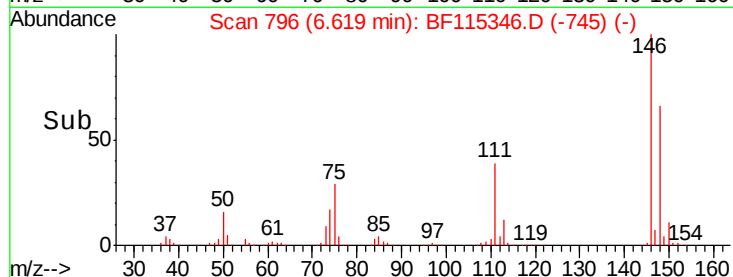
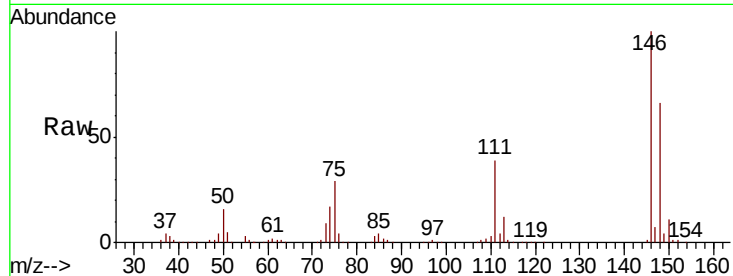
#13
1,4-Dichlorobenzene
Concen: 16.424 ng
RT: 6.62 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		273444		
148	65.7	51.9	77.9		
111	38.6	31.4	47.0		

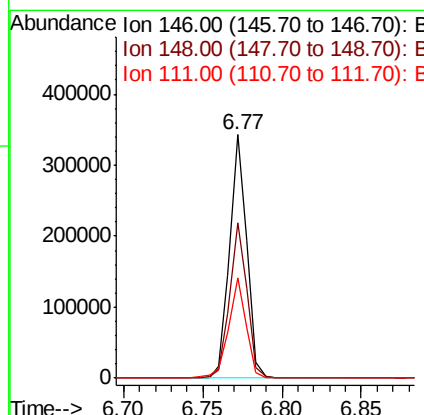
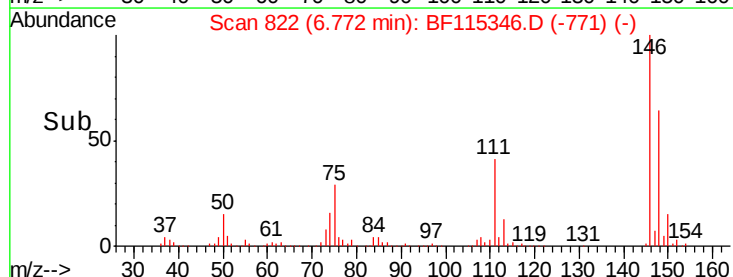
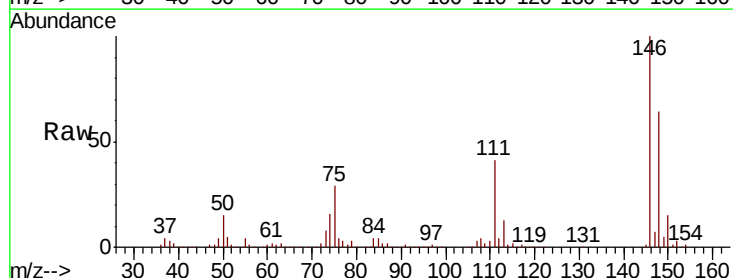
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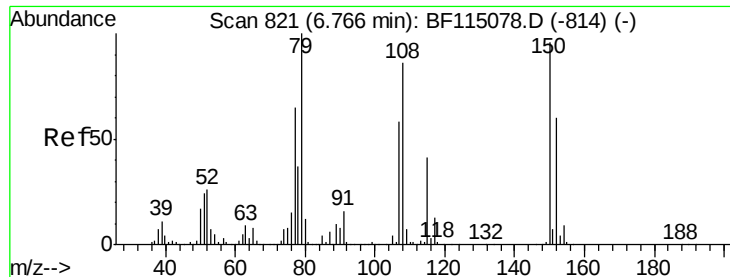
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#14
1,2-Dichlorobenzene
Concen: 16.656 ng
RT: 6.77 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		256799		
148	64.0	51.1	76.7		
111	41.2	33.2	49.8		





#15

Benzyl Alcohol

Concen: 15.732 ng

RT: 6.74 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF115346.D

Acq: 1 Jul 2019 18:47

Instrument :

BNA_F

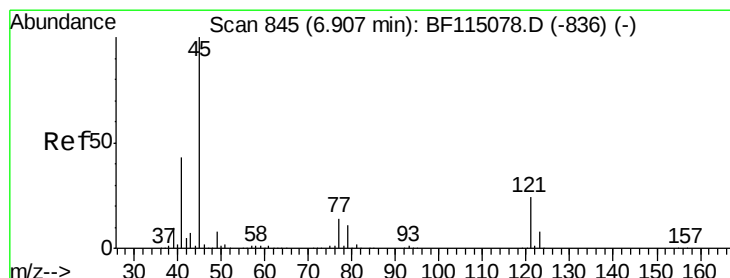
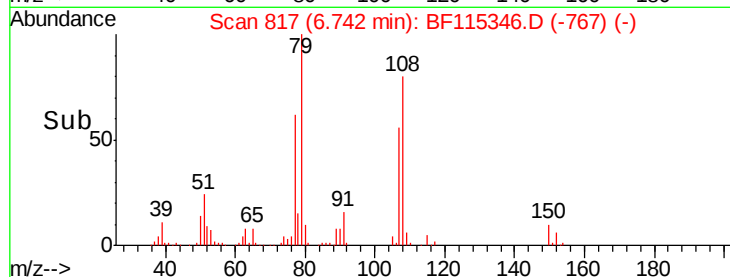
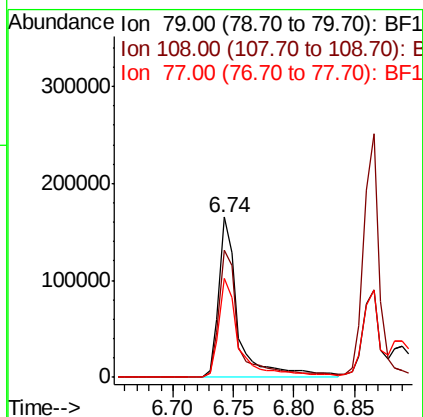
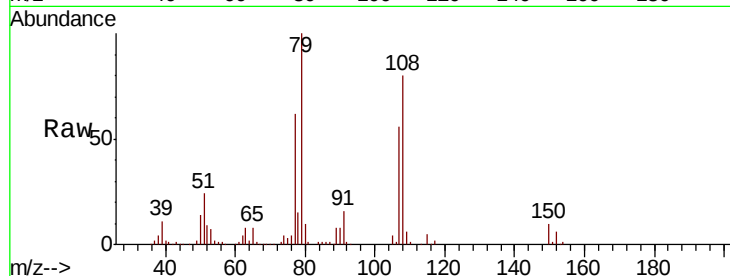
ClientSampleId :

HJDC-COMP-1MS

Tot Ion:	79	Resp:	184987
Ion Ratio	Lower	Upper	
79	100		
108	79.8	68.7	103.1
77	62.1	51.7	77.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 15.197 ng

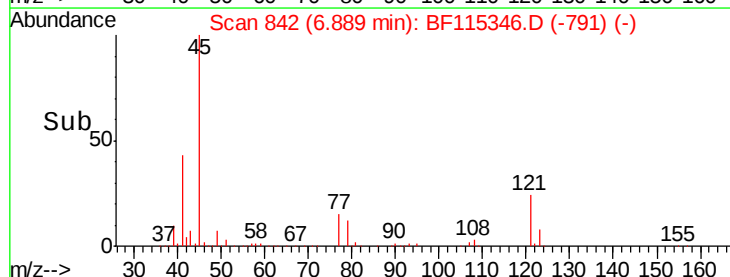
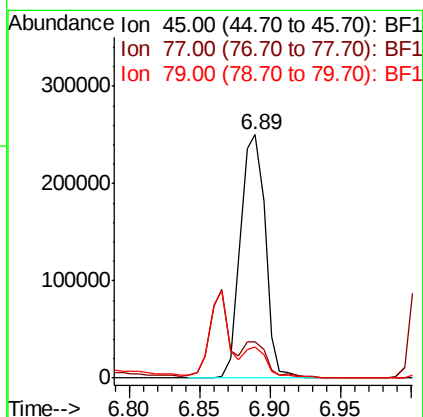
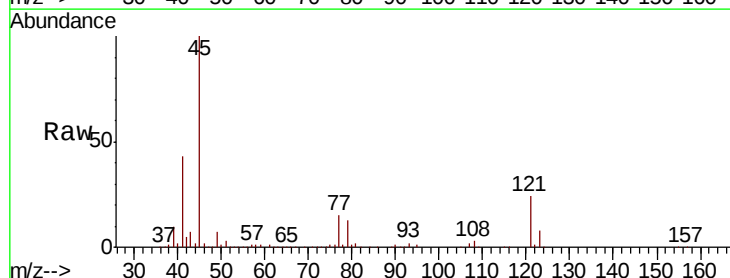
RT: 6.89 min Scan# 842

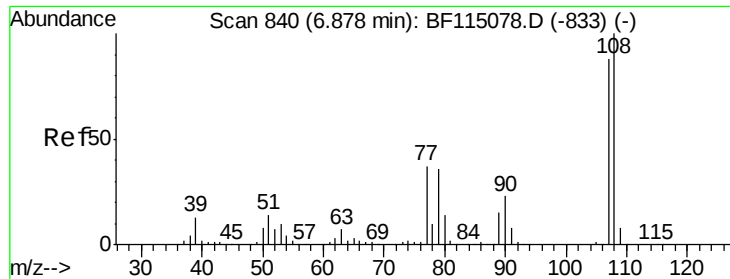
Delta R.T. 0.00 min

Lab File: BF115346.D

Acq: 1 Jul 2019 18:47

Tgt Ion:	45	Resp:	307326
Ion Ratio	Lower	Upper	
45	100		
77	15.1	0.0	34.6
79	12.7	0.0	31.2





#17

2-Methylphenol

Concen: 16.126 ng

RT: 6.87 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF115346.D

Acq: 1 Jul 2019 18:47

Instrument :

BNA_F

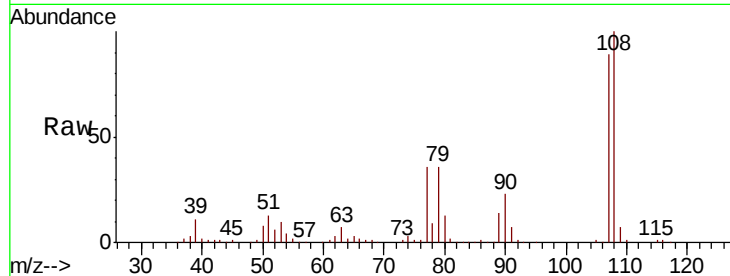
ClientSampleId :

HJDC-COMP-1MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.9	136.3
77	40.8	33.4	50.2
79	40.6	32.3	48.5

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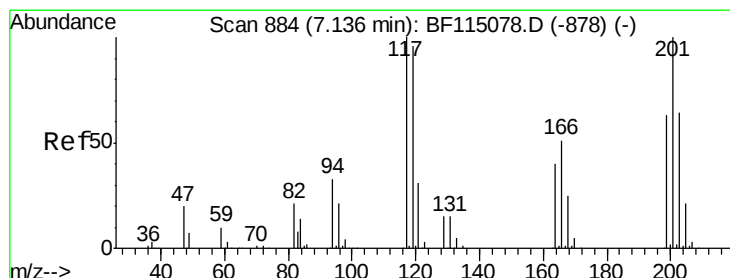
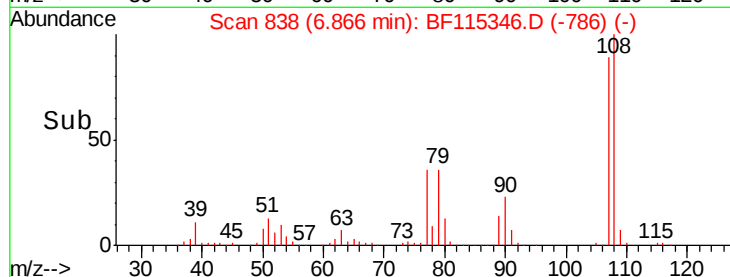
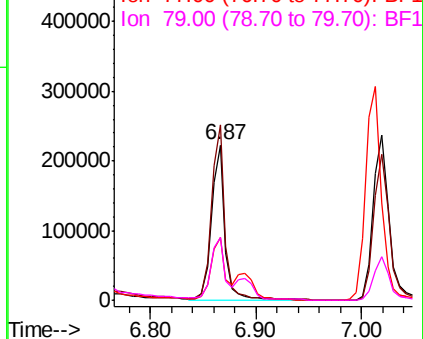
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 12.087 ng

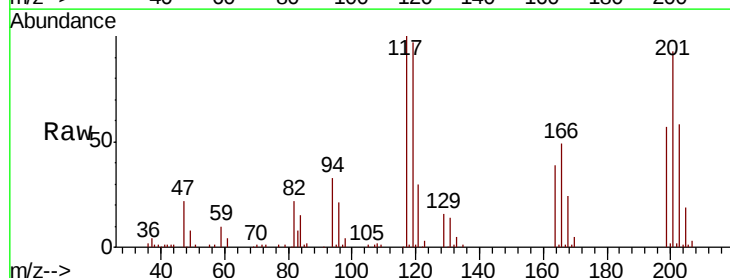
RT: 7.11 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF115346.D

Acq: 1 Jul 2019 18:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.6	114.8
201	92.7	80.2	120.2

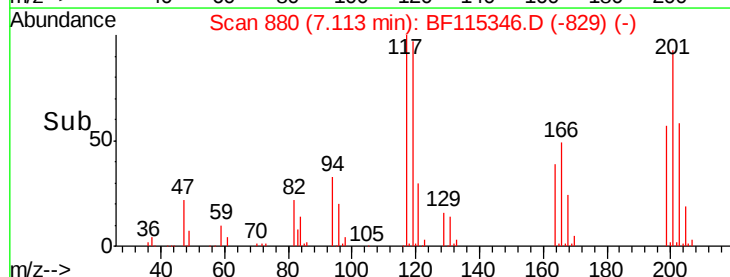
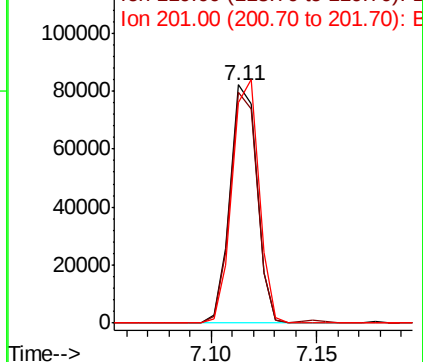


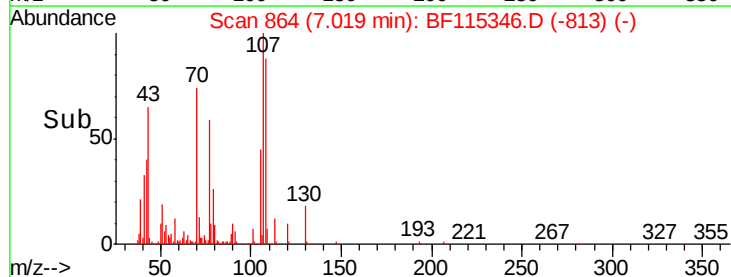
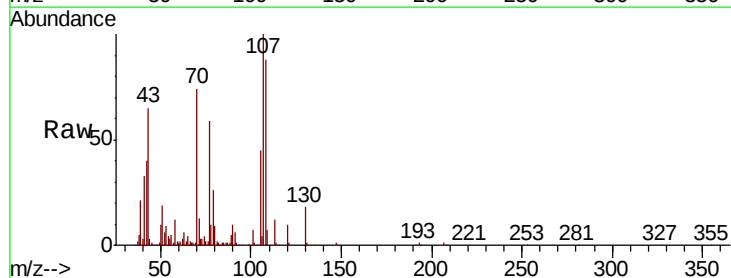
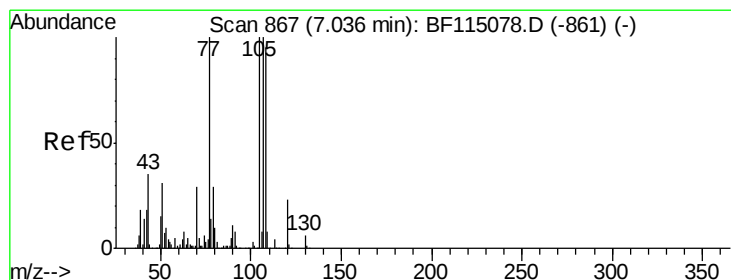
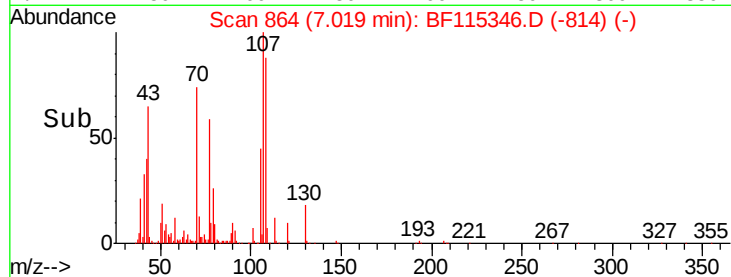
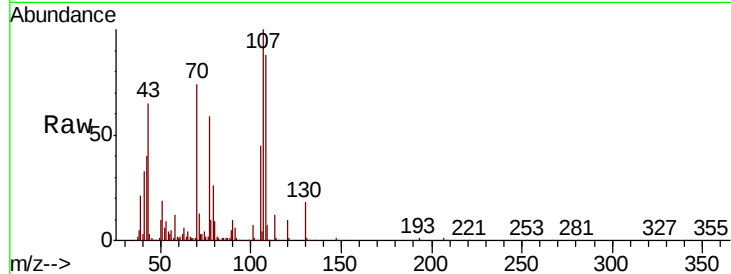
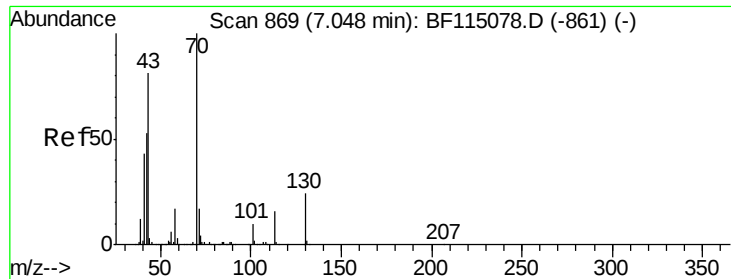
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

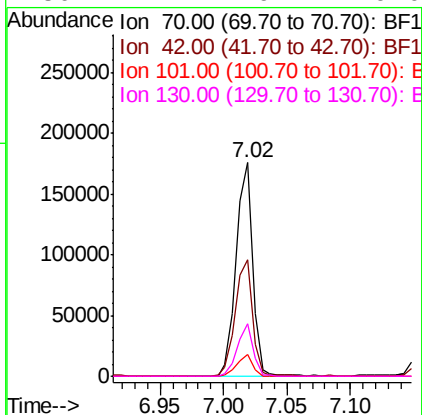
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 15.269 ng
RT: 7.02 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.5	42.6	63.8	
101	10.1	8.0	12.0	
130	24.7	19.4	29.0	



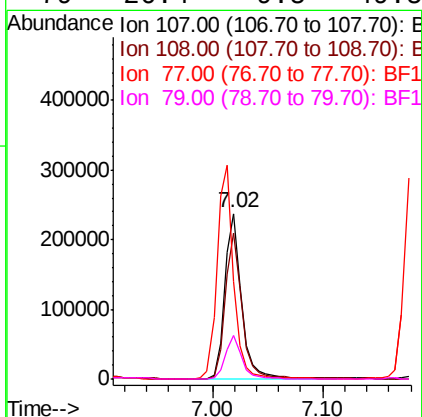
Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

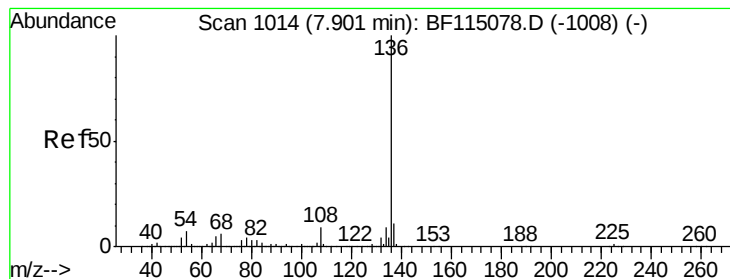
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#20
3+4-Methylphenols
Concen: 17.554 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.3	75.5	115.5	
77	59.0	80.2	120.2	
79	26.4	9.5	49.5	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF115346.D

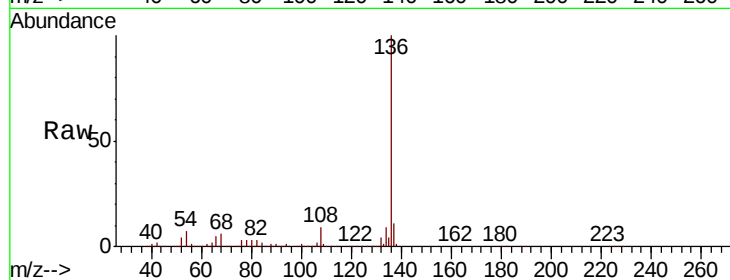
Acq: 1 Jul 2019 18:47

Instrument :

BNA_F

ClientSampleId :

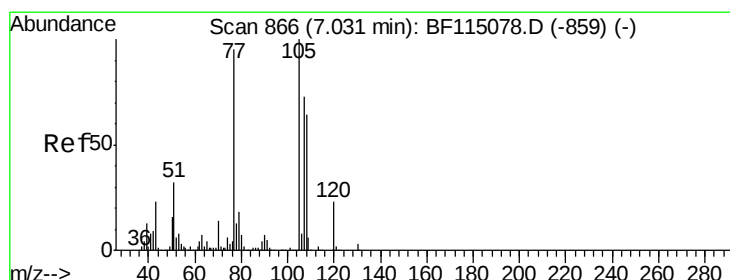
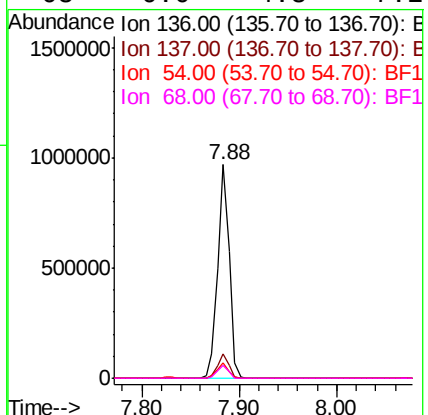
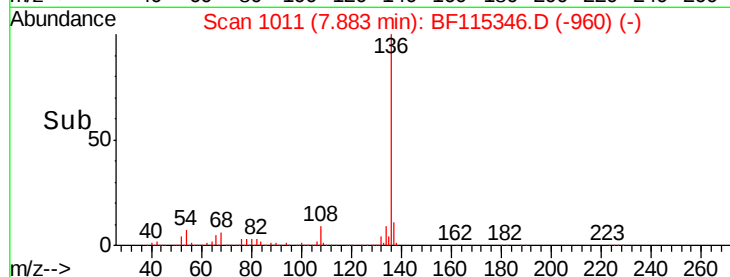
HJDC-COMP-1MS



Tot Ion	Ratio	Resp	Lower	Upper
136	100	798286		
137	11.2		8.9	13.3
54	7.0		5.6	8.4
68	6.0		4.8	7.2

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#22

Acetophenone

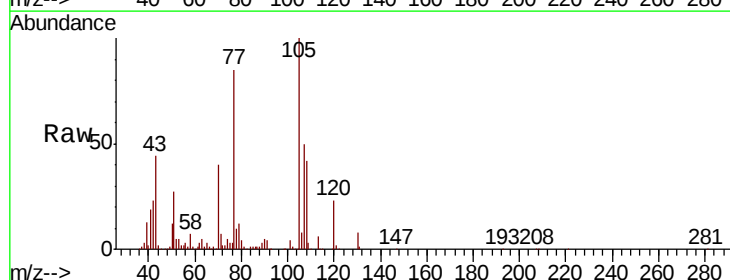
Concen: 18.188 ng

RT: 7.01 min Scan# 863

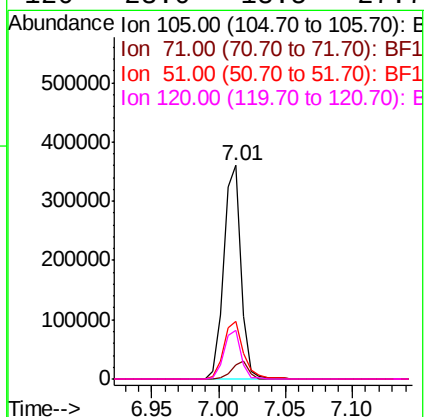
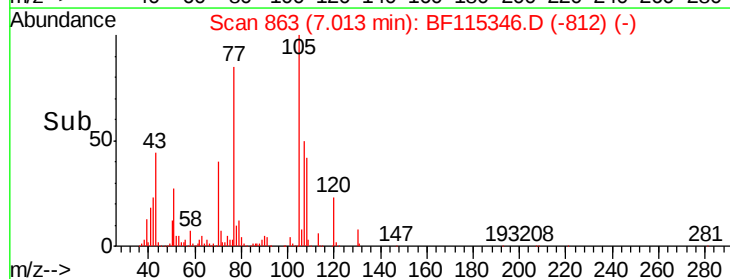
Delta R.T. 0.00 min

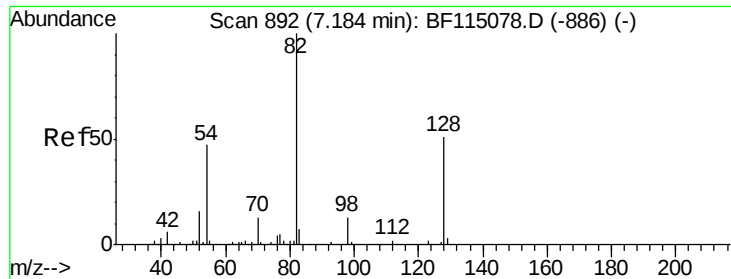
Lab File: BF115346.D

Acq: 1 Jul 2019 18:47



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	332386		
71	6.9		1.9	2.9#
51	27.2		25.8	38.8
120	23.0		18.5	27.7





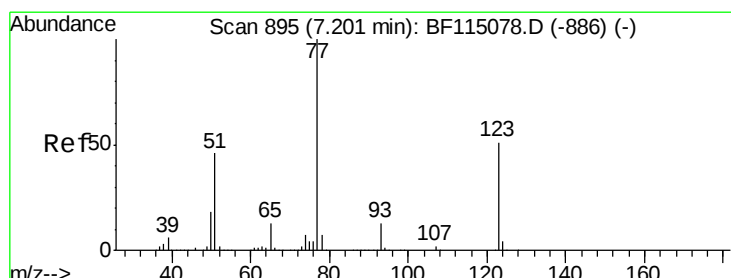
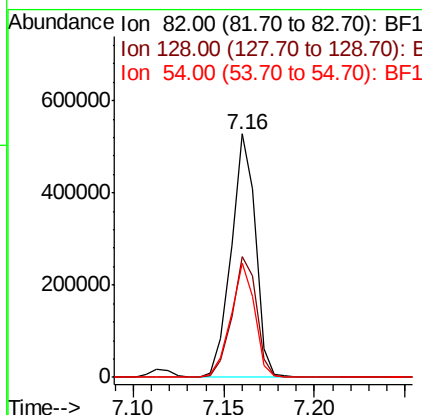
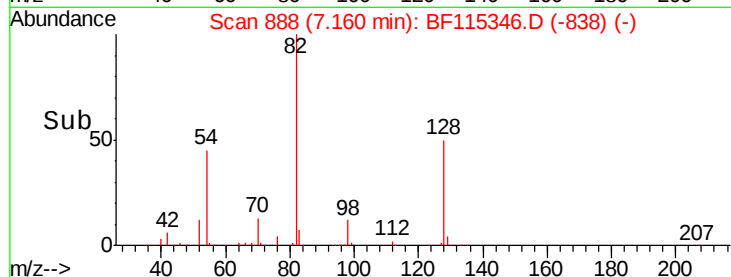
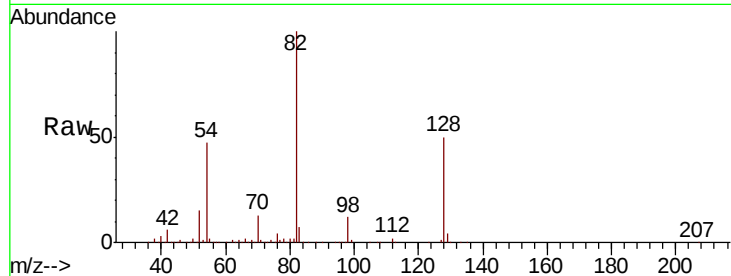
#23
Nitrobenzene-d5
Concen: 37.905 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	491900		
128	49.5		40.4	60.6
54	47.0		37.5	56.3

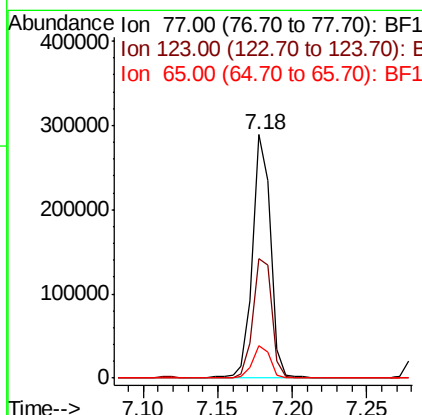
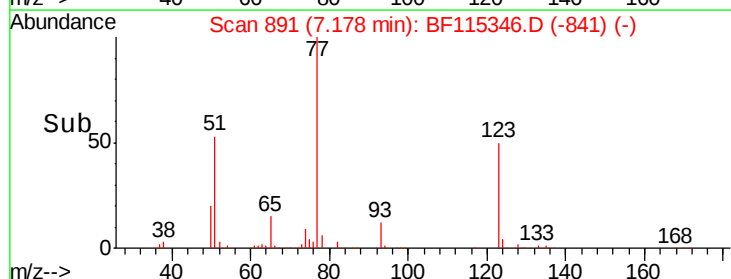
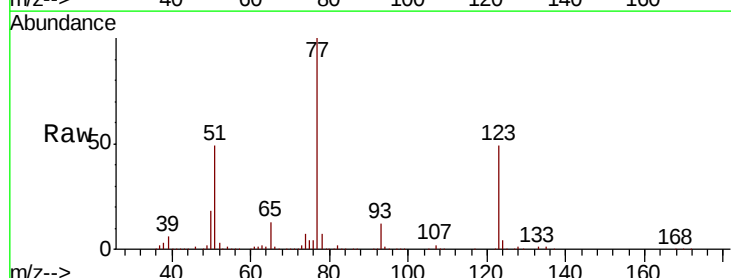
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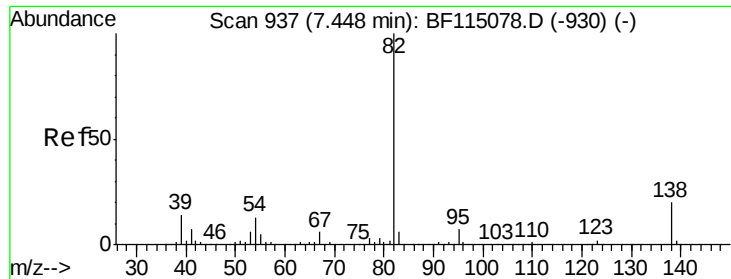
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#24
Nitrobenzene
Concen: 16.625 ng
RT: 7.18 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	237675		
123	49.2		41.0	61.6
65	13.5		10.5	15.7





#25

Isophorone

Concen: 16.422 ng

RT: 7.42 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF115346.D

Acq: 1 Jul 2019 18:47

Instrument :

BNA_F

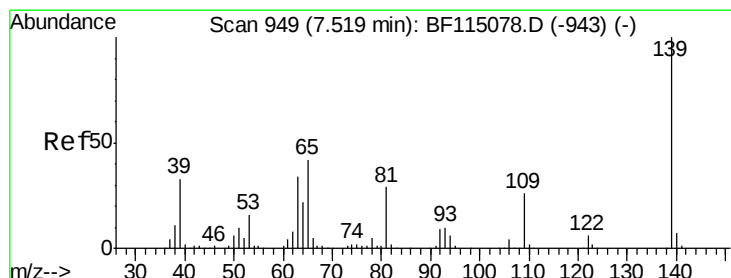
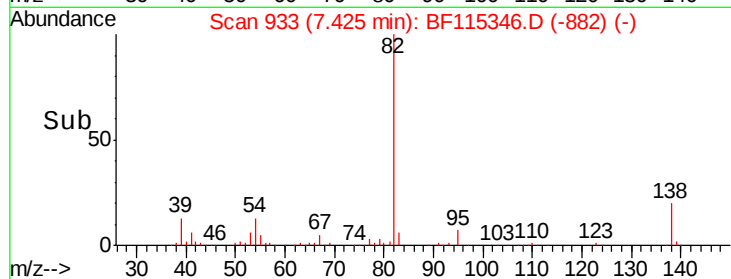
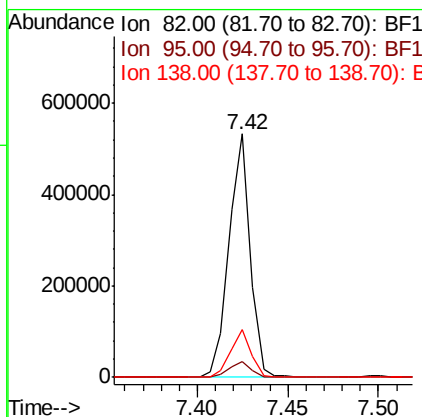
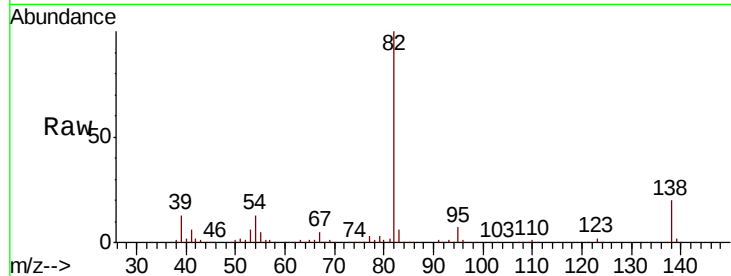
ClientSampleId :

HJDC-COMP-1MS

Tot Ion:	82	Resp:	436563
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.4	8.2
138	19.6	15.9	23.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 13.763 ng

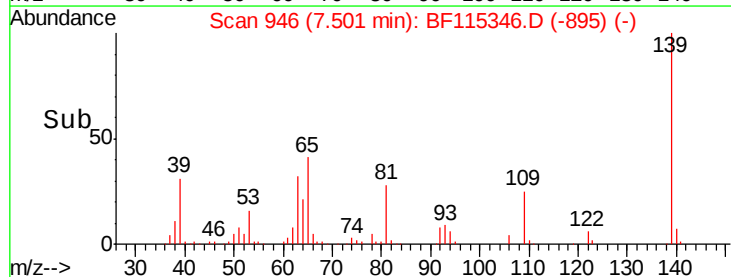
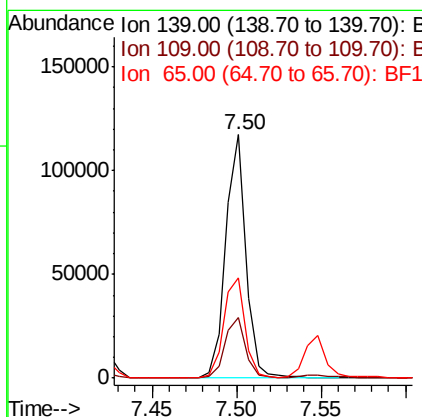
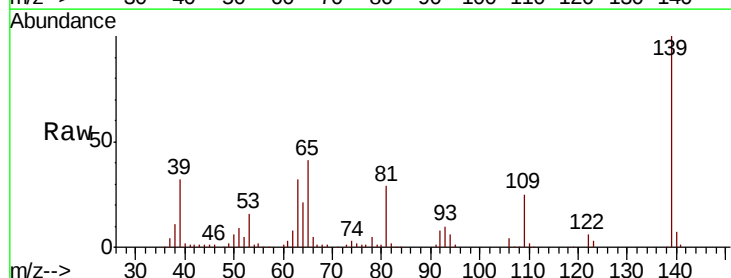
RT: 7.50 min Scan# 946

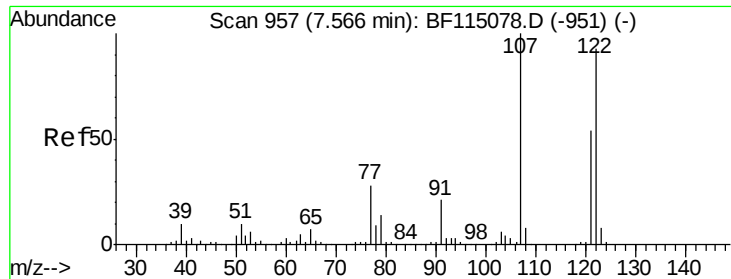
Delta R.T. 0.00 min

Lab File: BF115346.D

Acq: 1 Jul 2019 18:47

Tgt Ion:	139	Resp:	97170
Ion Ratio	Lower	Upper	
139	100		
109	24.9	20.4	30.6
65	41.1	33.6	50.4





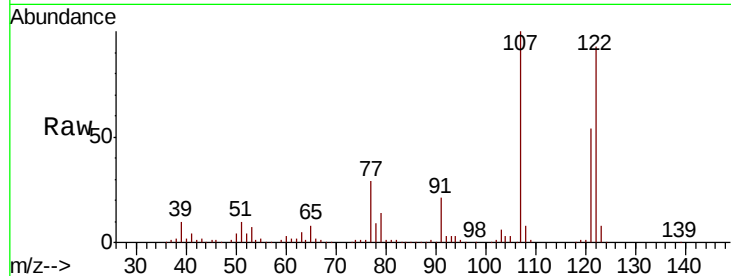
#27
2,4-Dimethylphenol
Concen: 18.510 ng
RT: 7.55 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	213967		
107	107.7	85.8	128.6	
121	58.4	46.3	69.5	

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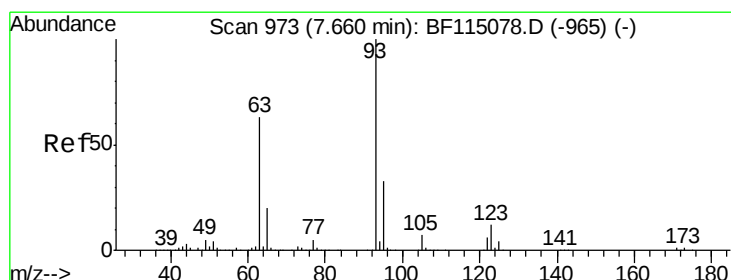
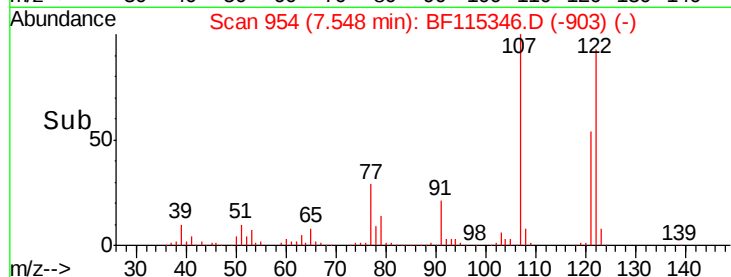
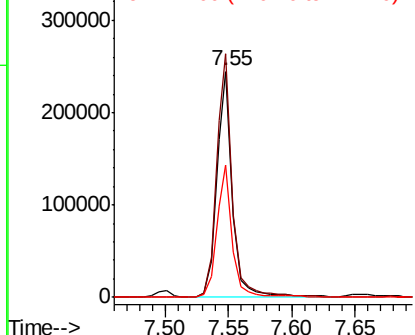


Abundance

Ion 122.00 (121.70 to 122.70): E

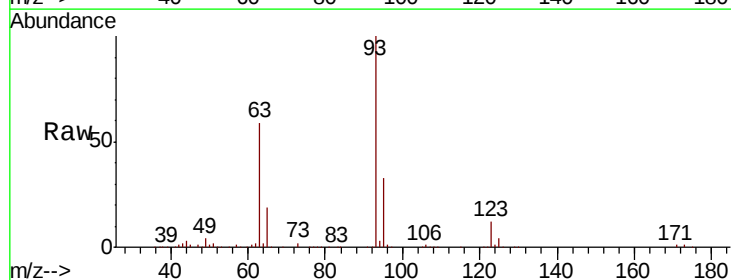
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 16.690 ng
RT: 7.64 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	280436		
95	32.8	26.2	39.4	
123	12.0	9.7	14.5	

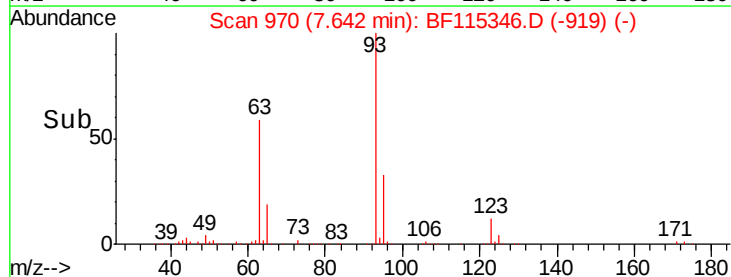
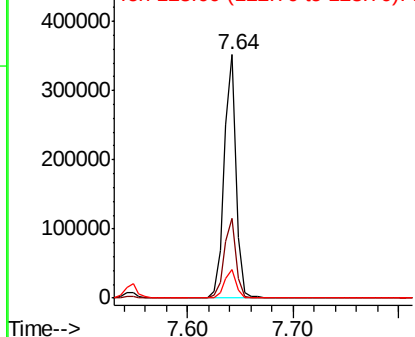


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





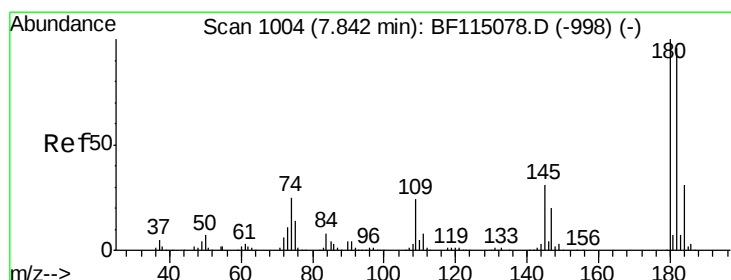
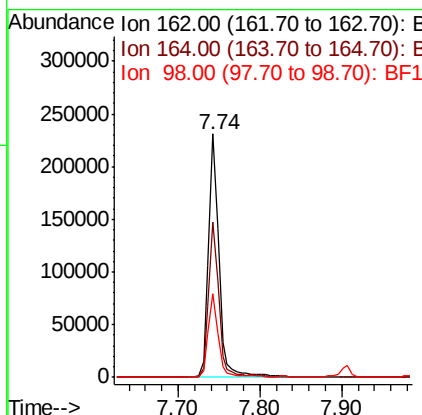
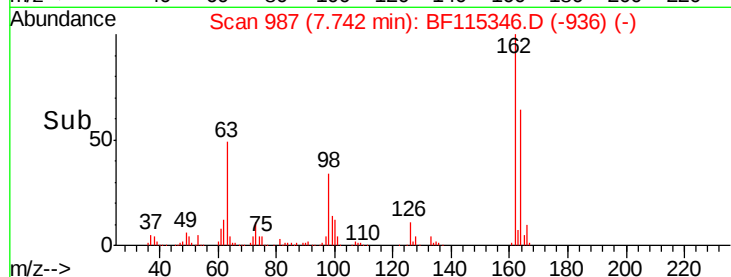
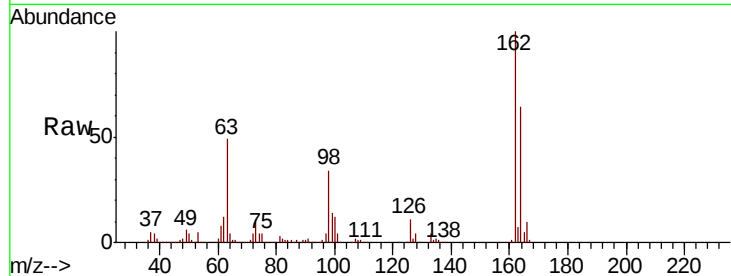
#29
2,4-Dichlorophenol
Concen: 17.244 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	205716		
164	63.6	45.3	85.3	
98	34.3	12.5	52.5	

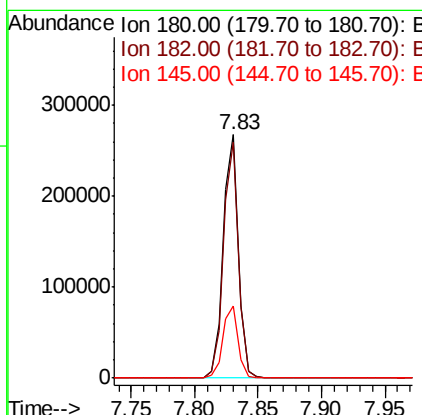
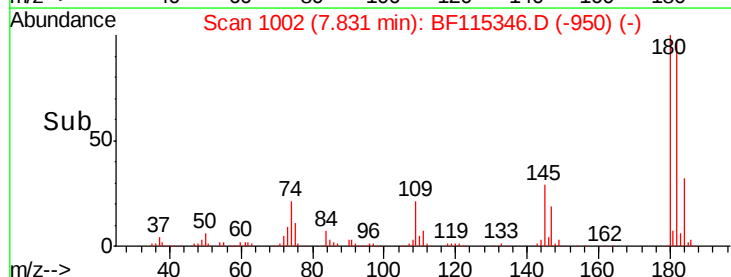
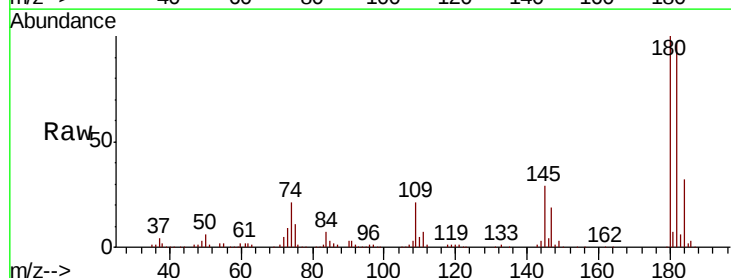
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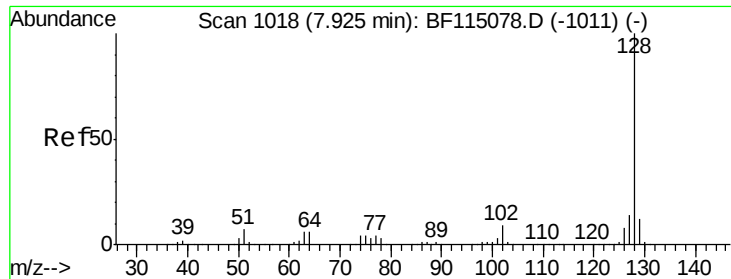
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#30
1,2,4-Trichlorobenzene
Concen: 16.987 ng
RT: 7.83 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	223844		
182	96.7	76.4	114.6	
145	29.4	24.8	37.2	





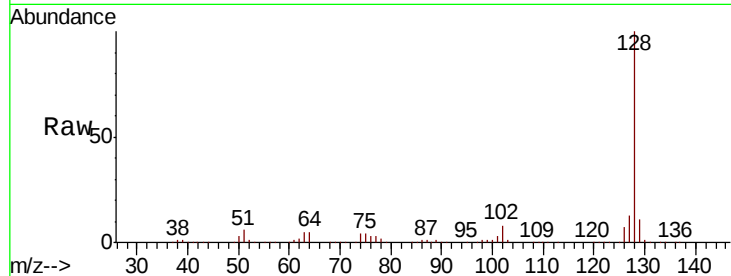
#31
Naphthalene
Concen: 19.091 ng
RT: 7.91 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

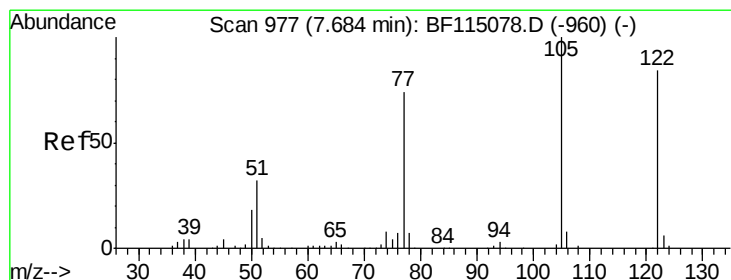
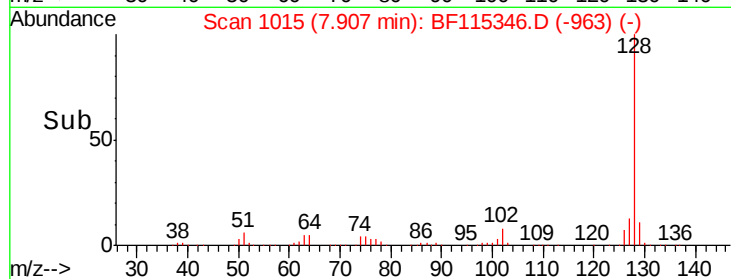
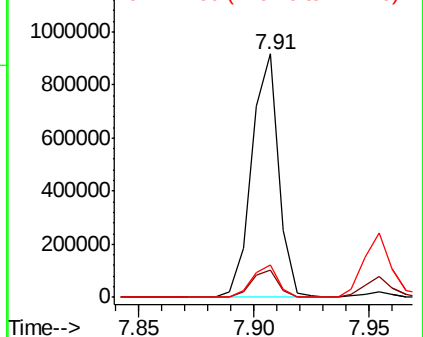
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.6	14.4
127	13.1	11.4	17.0

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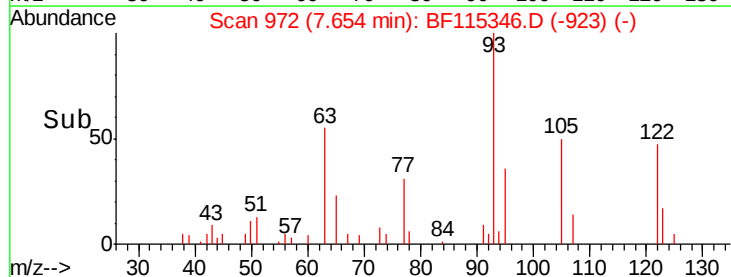
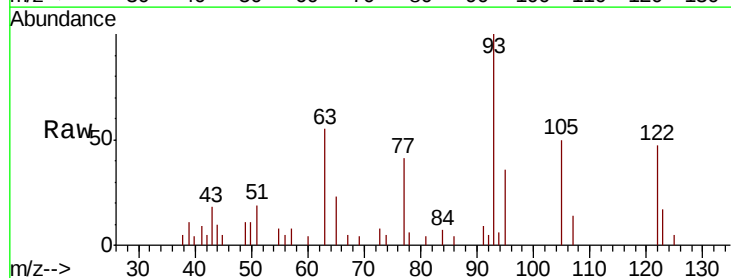
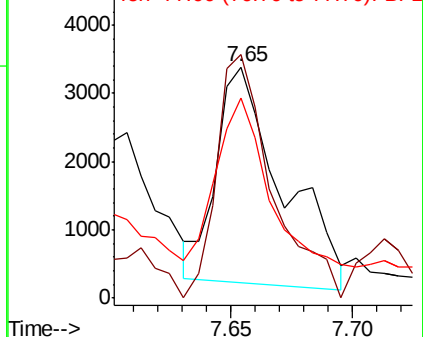
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

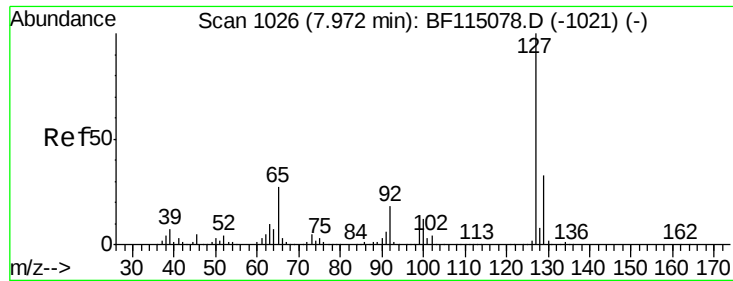


#32
Benzoic acid
Concen: 0.729 ng m
RT: 7.65 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	105.3	98.2	138.2
77	86.4	67.0	107.0

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





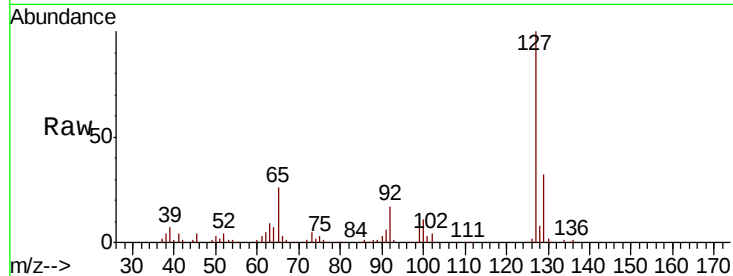
#33
4-Chloroaniline
Concen: 12.060 ng
RT: 7.95 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

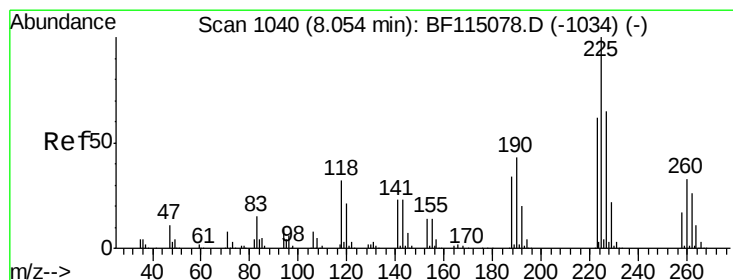
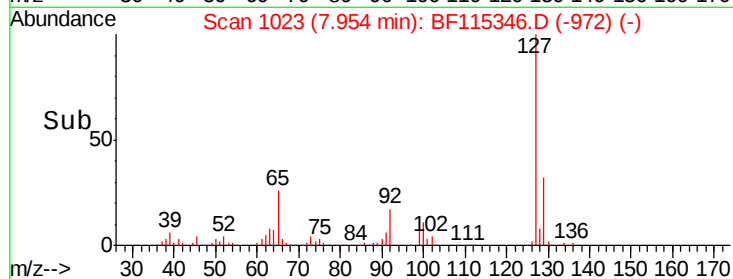
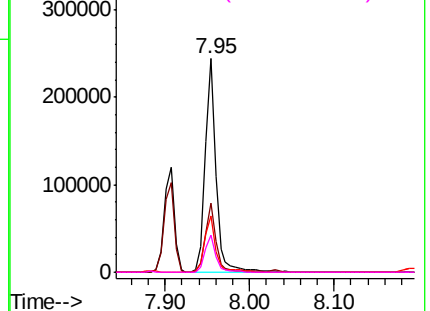
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		215982		
129	32.4	26.1	39.1		
65	26.4	21.4	32.2		
92	17.2	14.1	21.1		

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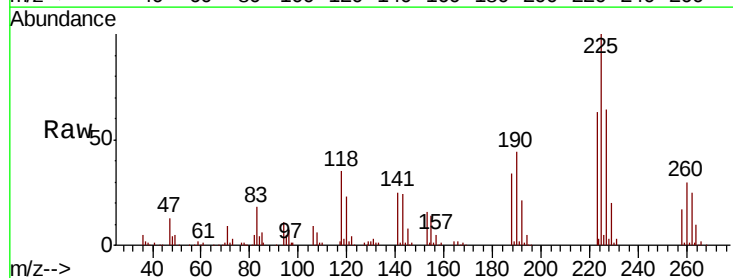


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

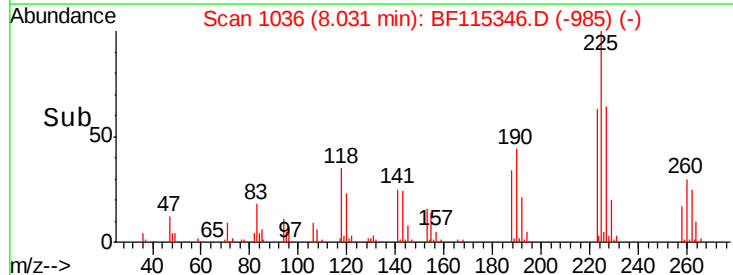
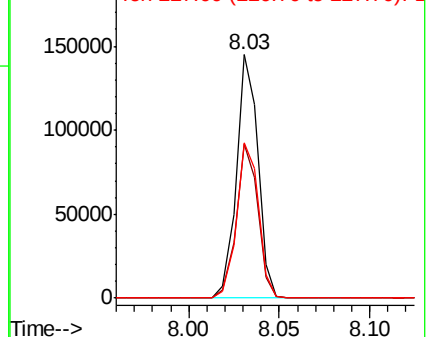


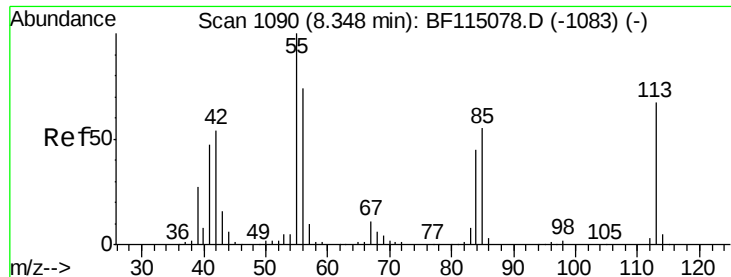
#34
Hexachlorobutadiene
Concen: 16.692 ng
RT: 8.03 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		120531		
223	63.2	49.4	74.2		
227	63.7	51.8	77.8		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





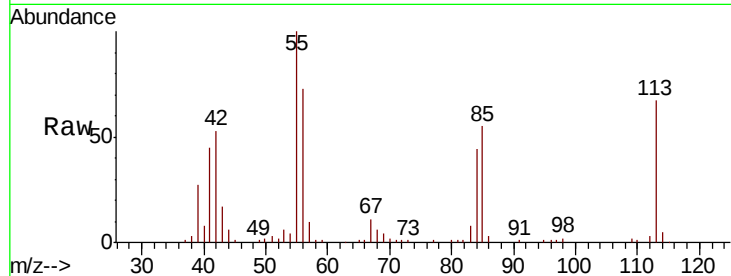
#35
Caprolactam
Concen: 15.694 ng
RT: 8.30 min Scan# 1081
Delta R.T. -0.03 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

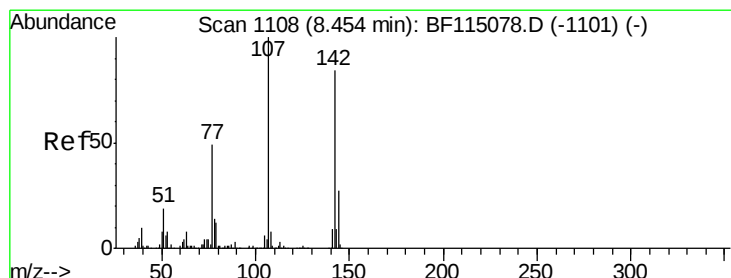
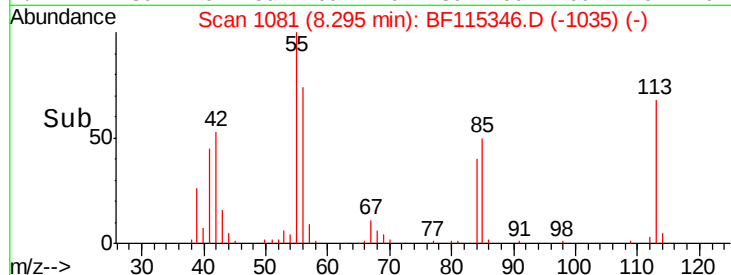
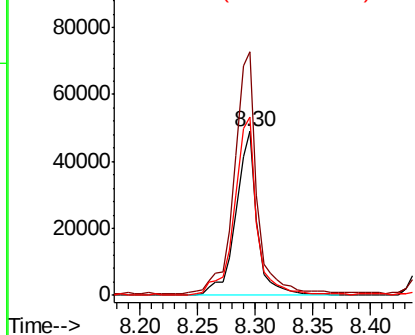
Tot Ion:113 Resp: 62945
Ion Ratio Lower Upper
113 100
55 148.4 130.2 170.2
56 108.4 91.6 131.6

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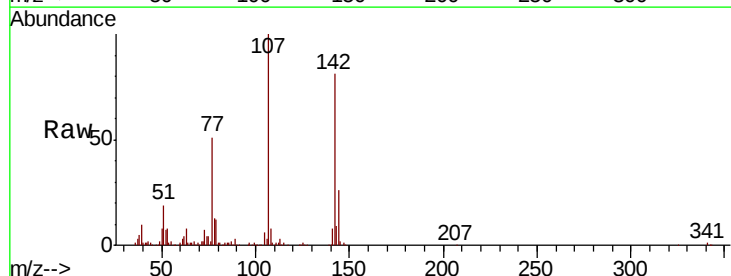


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

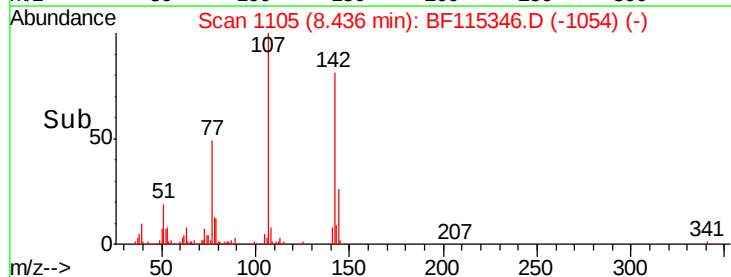
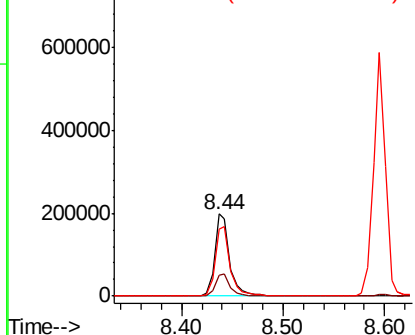


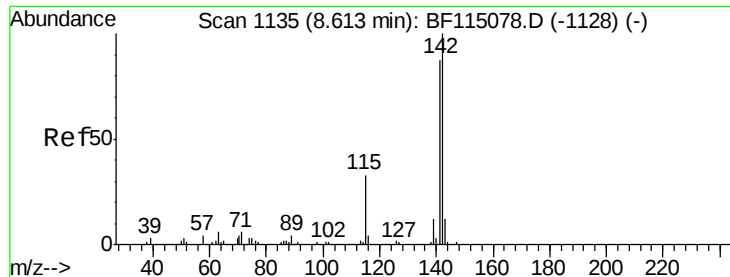
#36
4-Chloro-3-methylphenol
Concen: 16.720 ng
RT: 8.44 min Scan# 1105
Delta R.T. 0.00 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Tgt Ion:107 Resp: 201994
Ion Ratio Lower Upper
107 100
144 25.8 21.7 32.5
142 81.2 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





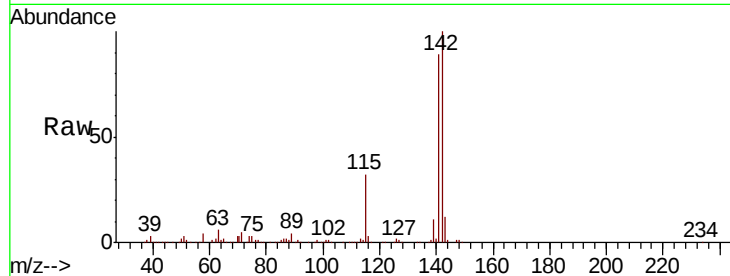
#37
2-Methylnaphthalene
Concen: 18.256 ng
RT: 8.60 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	69.8	104.6
115	32.0	26.7	40.1

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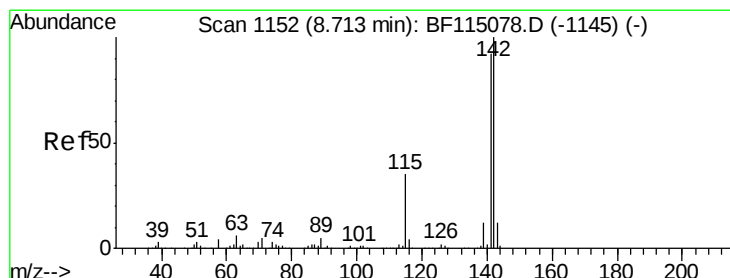
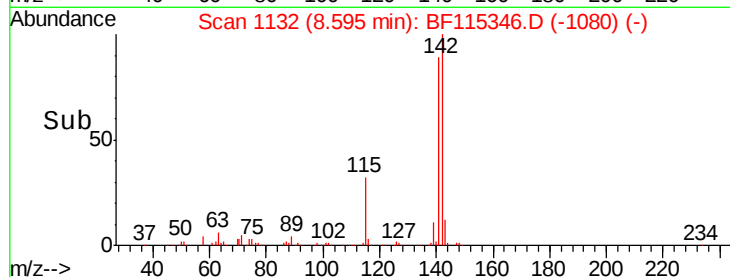
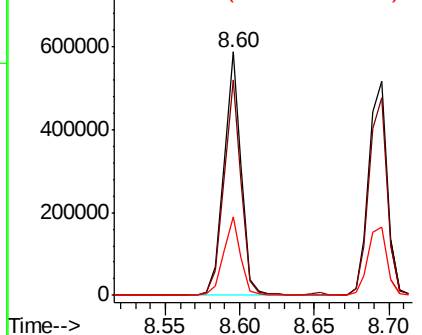


Abundance

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: 17.704 ng
RT: 8.70 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

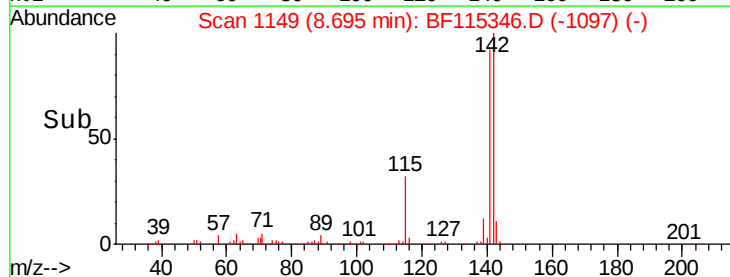
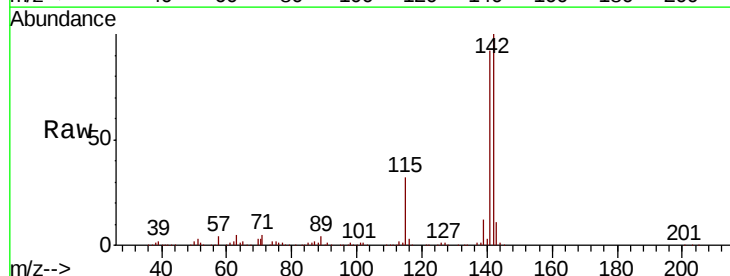
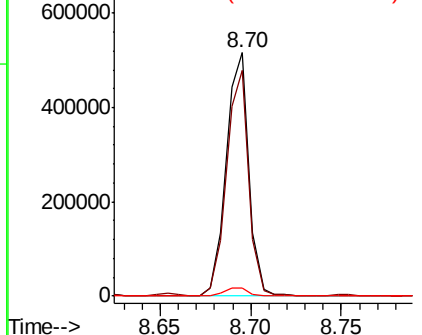
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.8	110.8
116	3.3	2.8	4.2

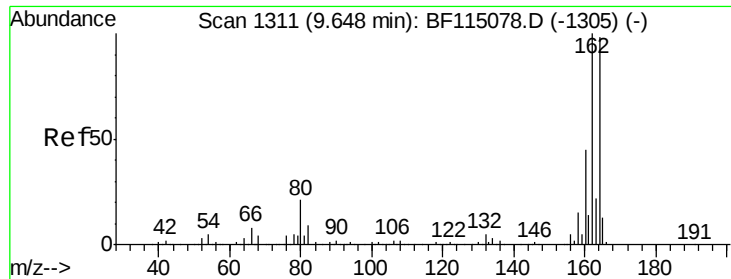
Abundance

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





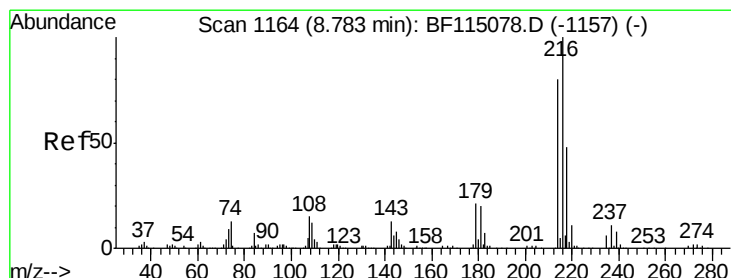
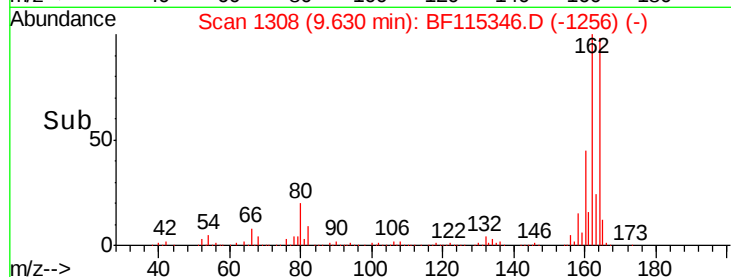
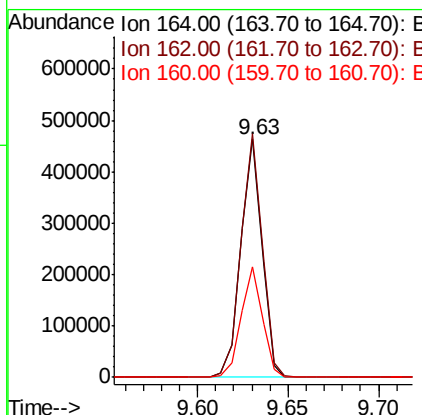
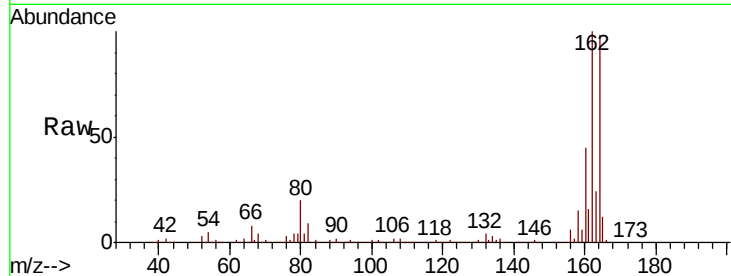
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.7	122.5
160	46.2	37.0	55.4

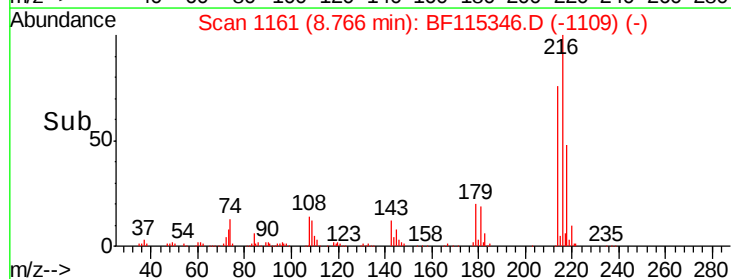
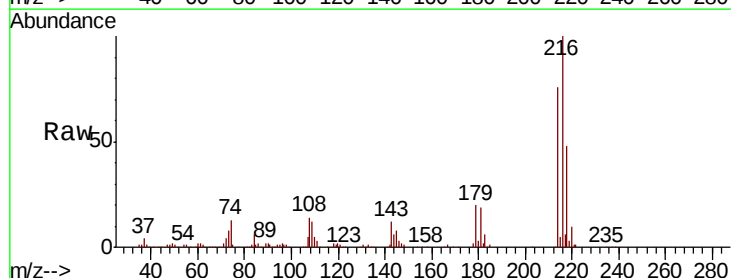
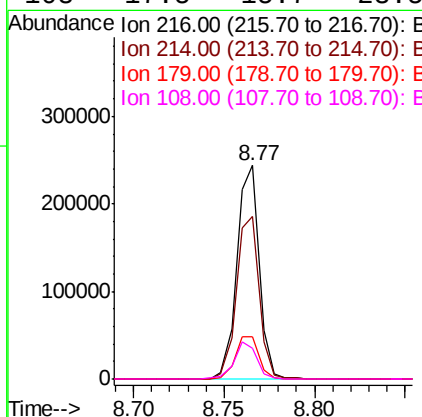
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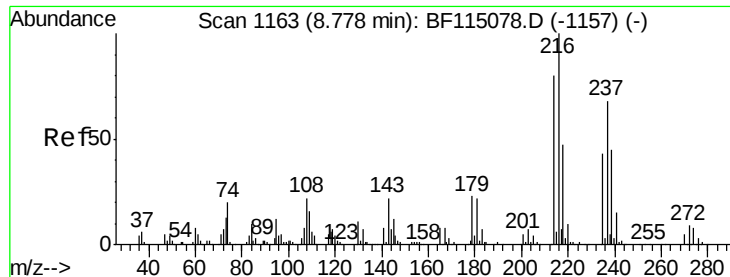
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 19.657 ng
RT: 8.77 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.8	95.6
179	21.2	17.6	26.4
108	17.5	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 4.770 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115346.D

Acq: 1 Jul 2019 18:47

Instrument :

BNA_F

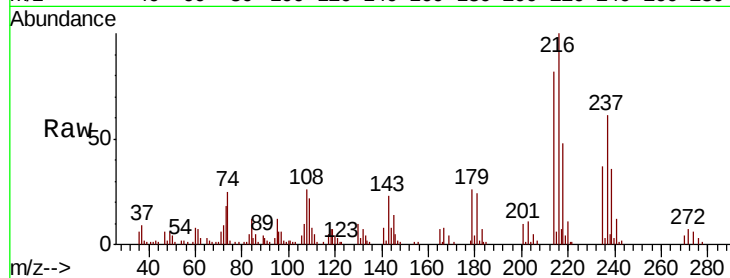
ClientSampleId :

HJDC-COMP-1MS

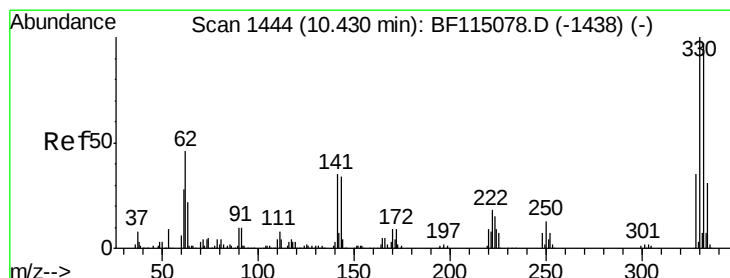
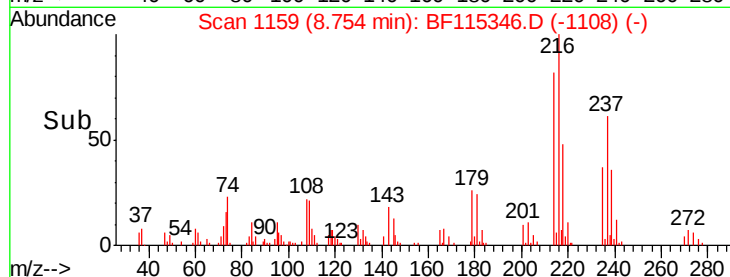
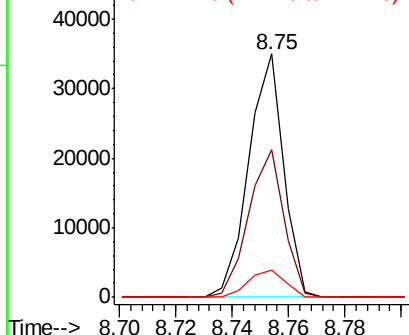
Tot Ion:	237	Resp:	29997
Ion Ratio	Lower	Upper	
237	100		
235	60.6	43.9	83.9
272	11.1	0.0	33.8

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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: 54.678 ng

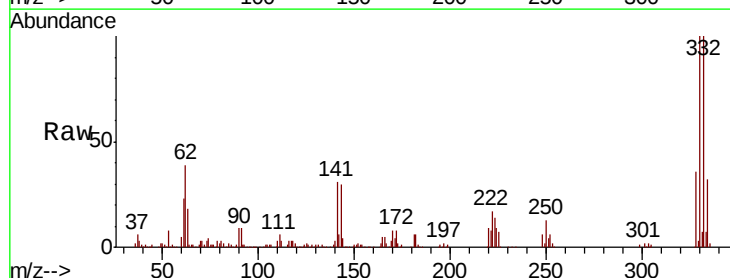
RT: 10.41 min Scan# 1441

Delta R.T. 0.01 min

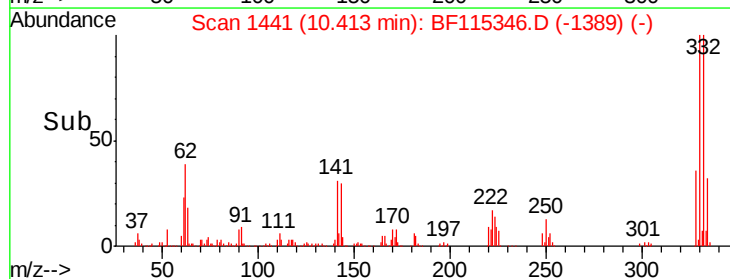
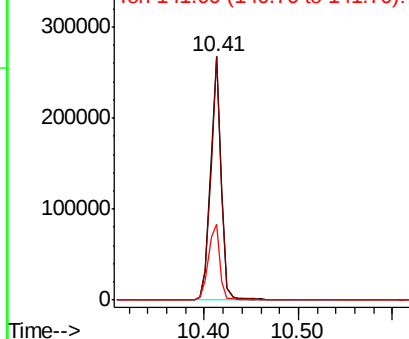
Lab File: BF115346.D

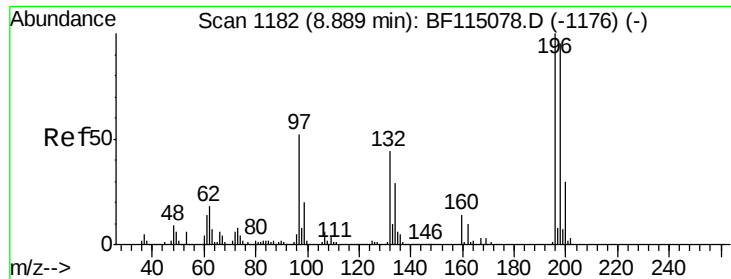
Acq: 1 Jul 2019 18:47

Tgt Ion:	330	Resp:	216406
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.3	115.9
141	33.5	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





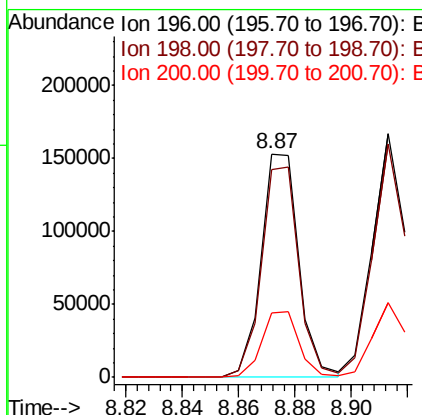
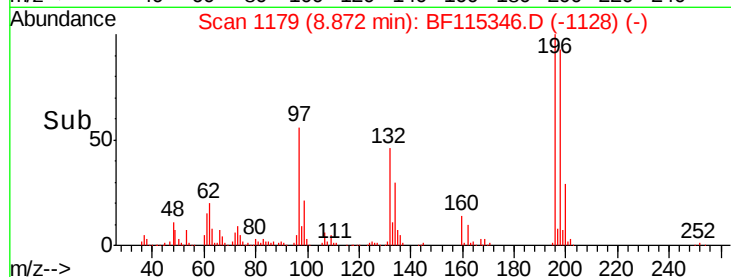
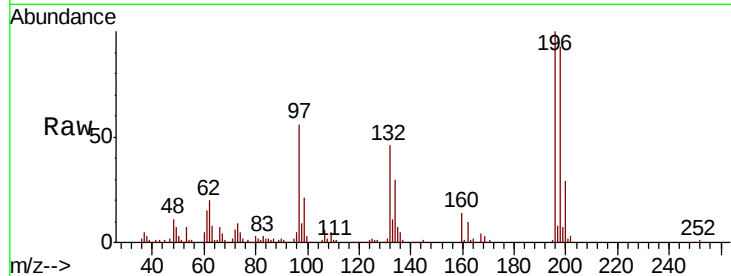
#43
 2,4,6-Trichlorophenol
 Concen: 17.262 ng
 RT: 8.87 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF115346.D
 Acq: 1 Jul 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MS

Tot Ion:	196	Resp:	141338
Ion Ratio	Lower	Upper	
196	100		
198	93.1	76.3	114.5
200	29.1	24.2	36.4

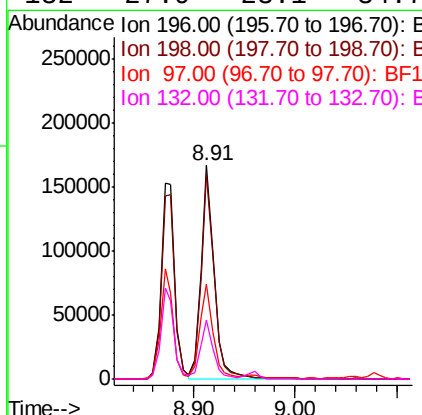
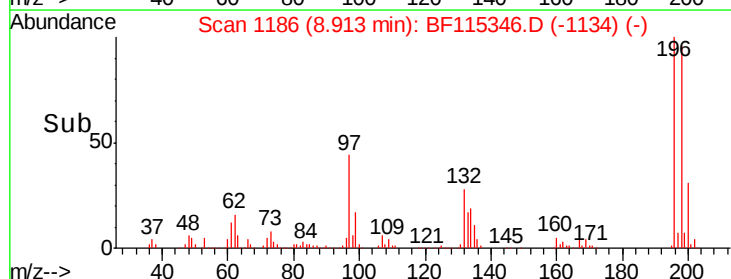
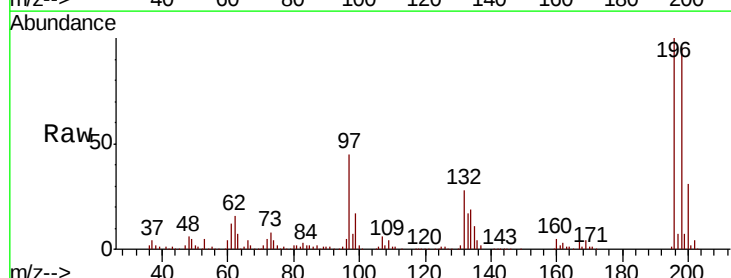
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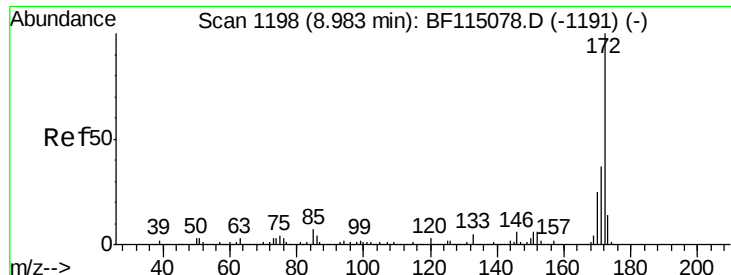
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#44
 2,4,5-Trichlorophenol
 Concen: 18.014 ng
 RT: 8.91 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: BF115346.D
 Acq: 1 Jul 2019 18:47

Tgt Ion:	196	Resp:	151894
Ion Ratio	Lower	Upper	
196	100		
198	96.0	77.1	115.7
97	44.6	37.7	56.5
132	27.9	23.1	34.7





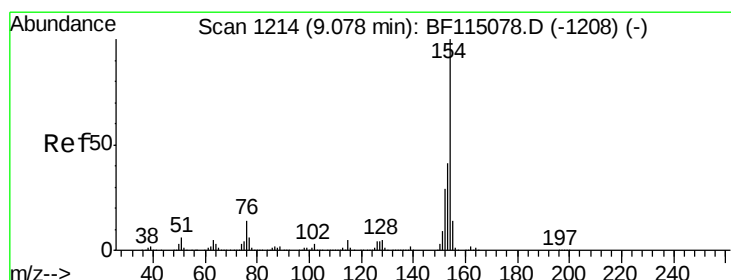
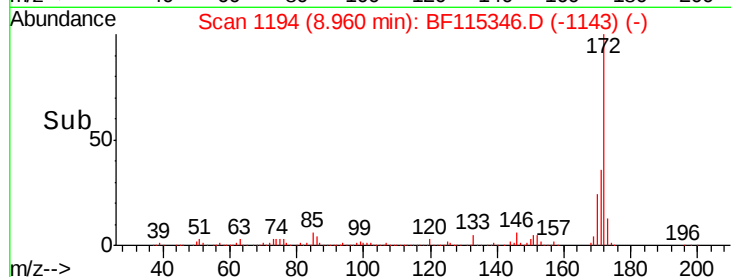
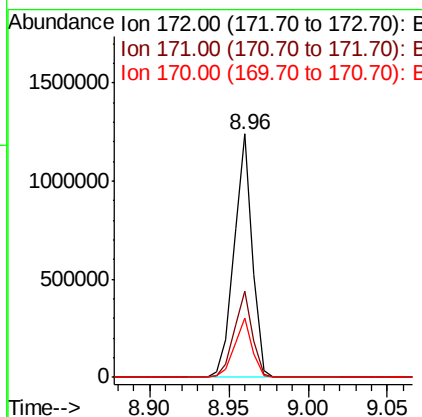
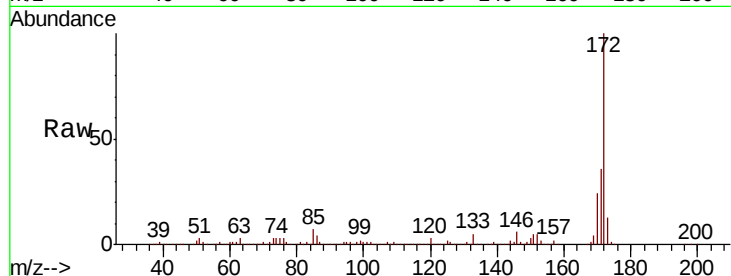
#45
2-Fluorobiphenyl
Concen: 44.621 ng
RT: 8.96 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
172	100				
171	35.6	29.8	44.6		
170	24.2	20.3	30.5		

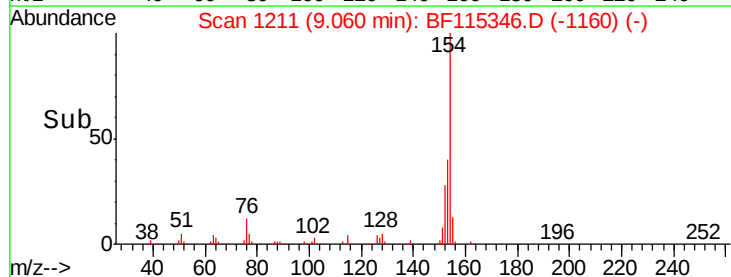
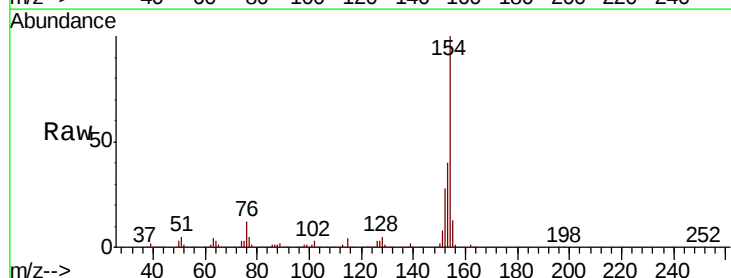
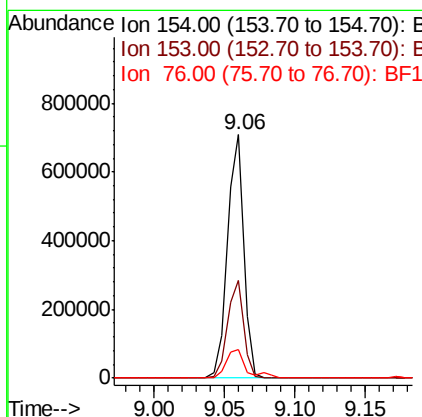
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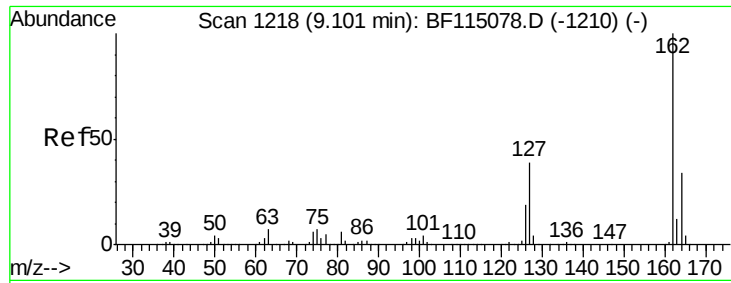
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#46
1,1'-Biphenyl
Concen: 18.891 ng
RT: 9.06 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100				
153	39.9	20.9	60.9		
76	11.8	0.0	34.1		





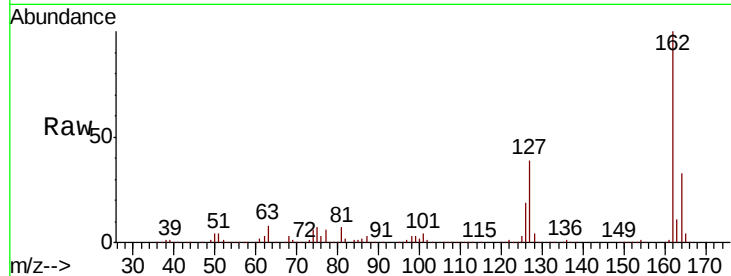
#47
2-Chloronaphthalene
Concen: 17.702 ng
RT: 9.08 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

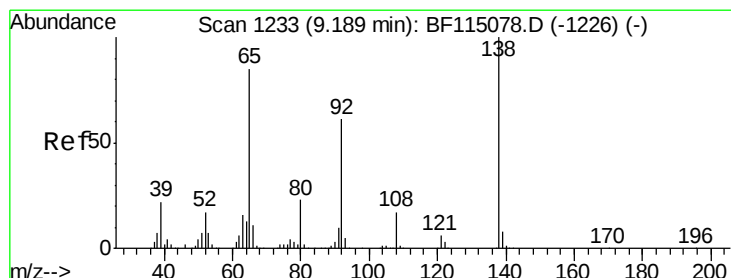
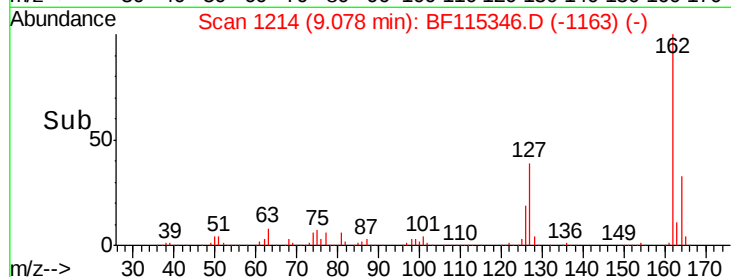
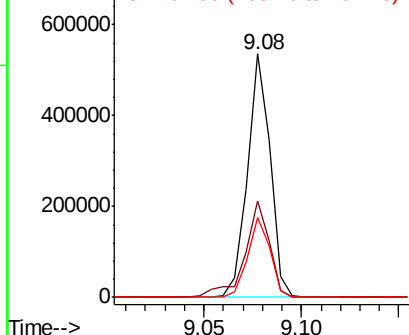
Tot Ion	Ratio	Resp	Lower	Upper
162	100	431204		
127	39.5	30.8	46.2	
164	32.5	27.0	40.4	

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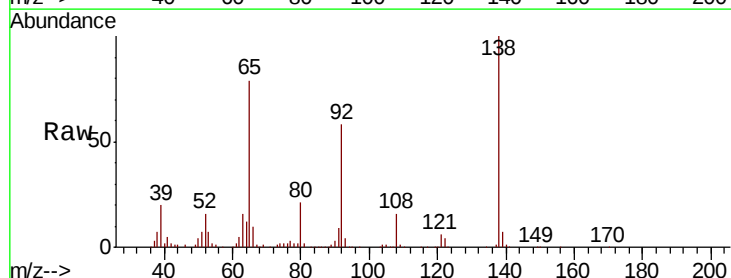


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

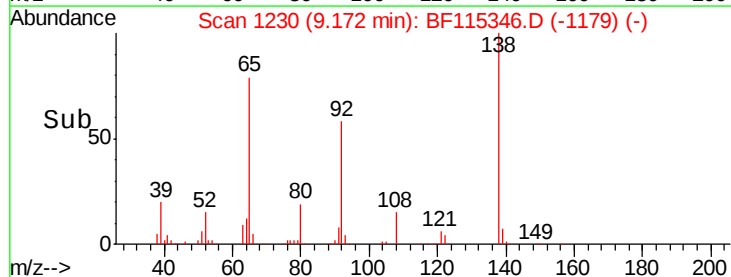
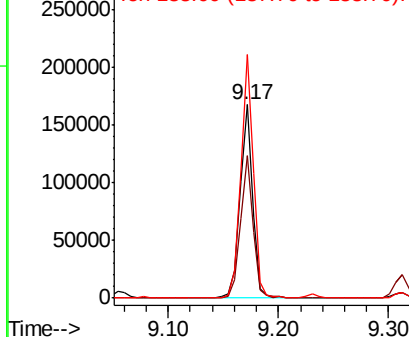


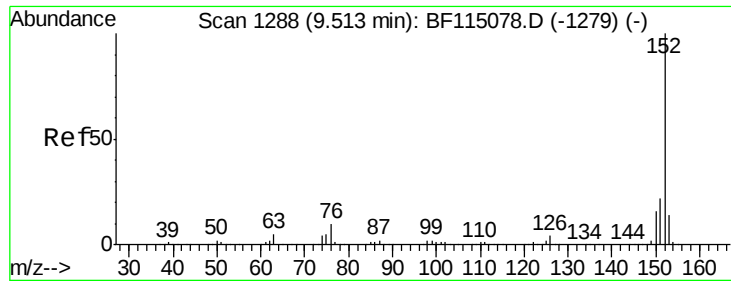
#48
2-Nitroaniline
Concen: 19.227 ng
RT: 9.17 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	136543		
92	73.4	57.4	86.2	
138	125.9	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: 19.369 ng

RT: 9.49 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF115346.D

Acq: 1 Jul 2019 18:47

Instrument :

BNA_F

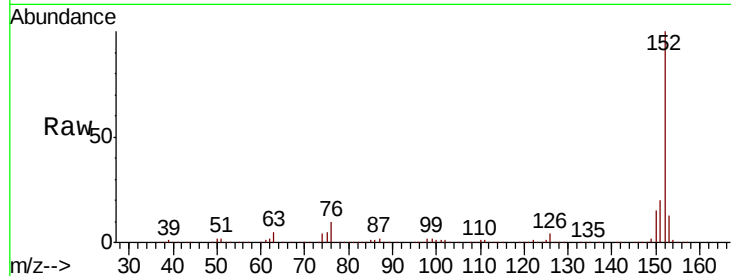
ClientSampleId :

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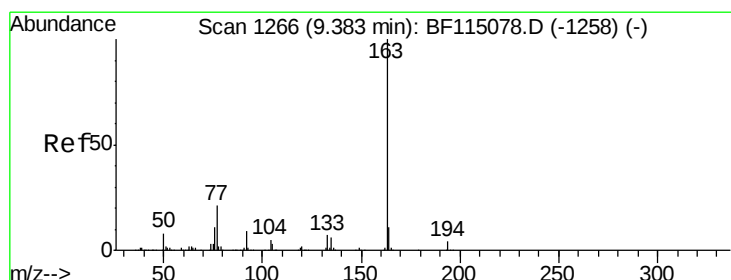
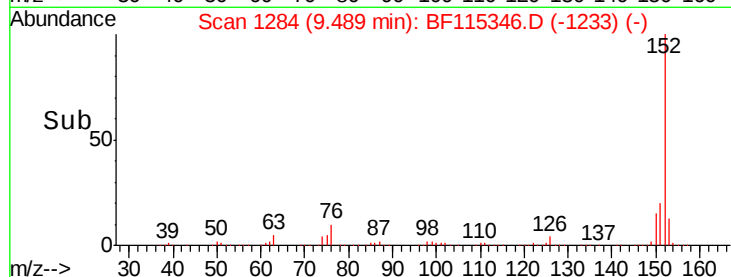
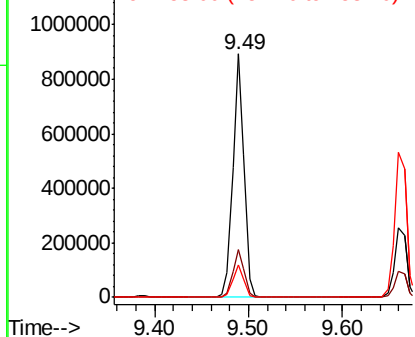
Tot Ion:	152	Resp:	735100
Ion Ratio	Lower	Upper	
152	100		
151	19.9	17.2	25.8
153	13.3	11.0	16.6

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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: 22.041 ng

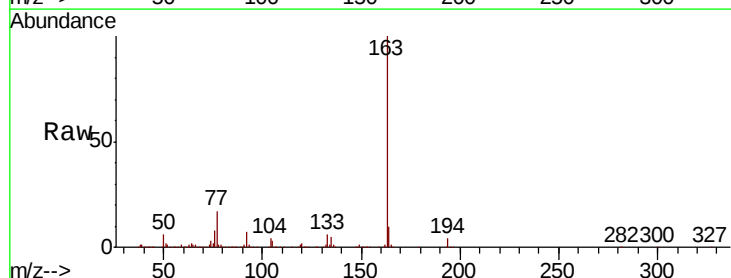
RT: 9.36 min Scan# 1262

Delta R.T. 0.00 min

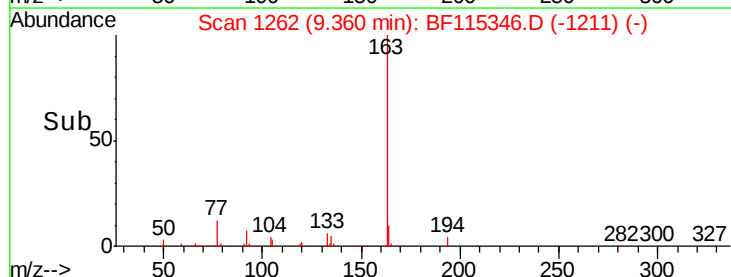
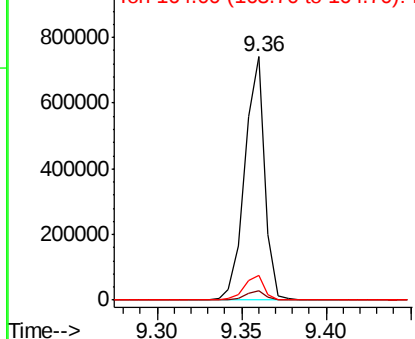
Lab File: BF115346.D

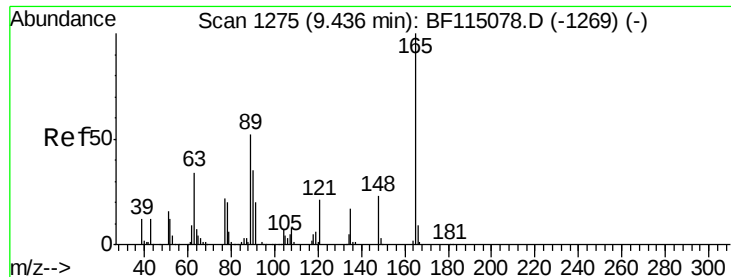
Acq: 1 Jul 2019 18:47

Tgt Ion:	163	Resp:	608614
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.2	4.8
164	10.0	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: 14.961 ng

RT: 9.41 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF115346.D

Acq: 1 Jul 2019 18:47

Instrument :

BNA_F

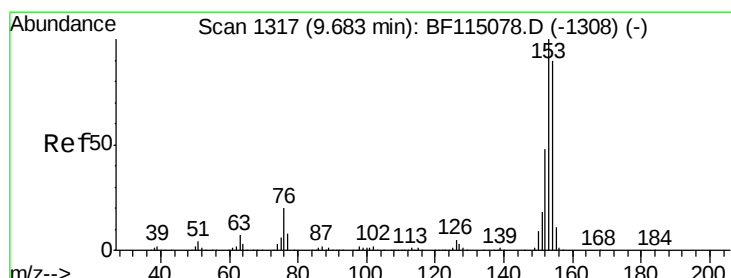
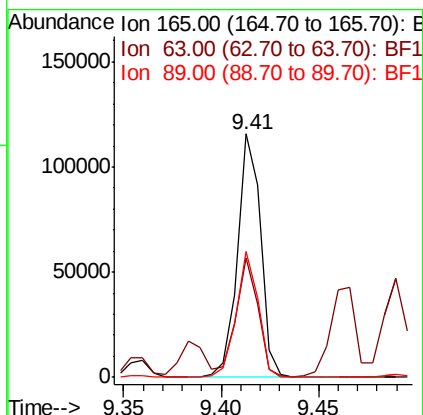
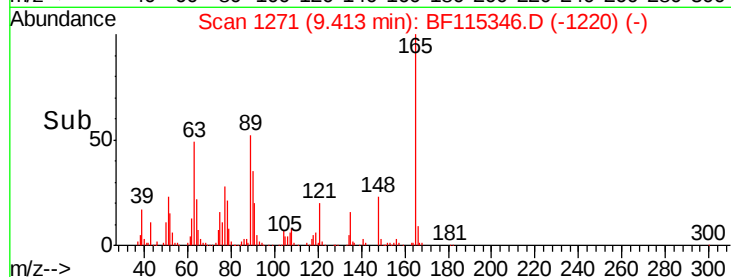
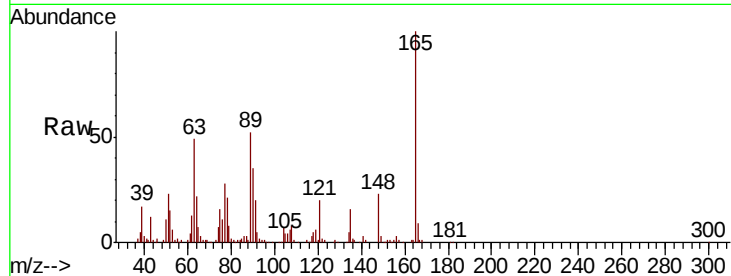
ClientSampleId :

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Tot Ion:	165	Resp:	95375
Ion Ratio	Lower	Upper	
165	100		
63	49.3	39.4	59.2
89	51.9	42.0	63.0

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#52

Acenaphthene

Concen: 17.500 ng

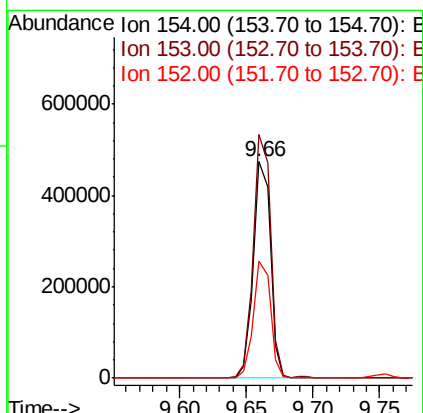
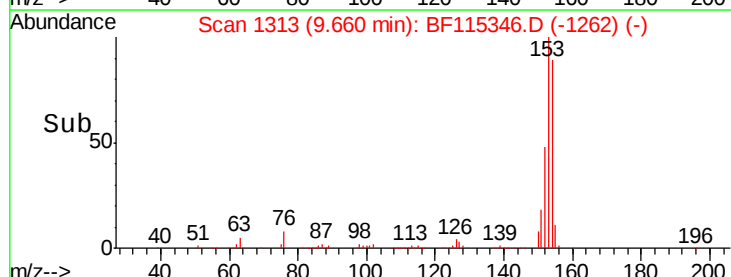
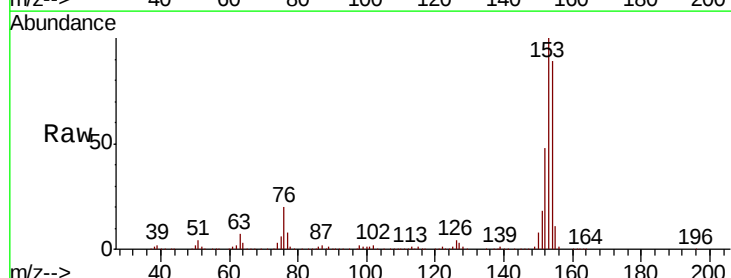
RT: 9.66 min Scan# 1313

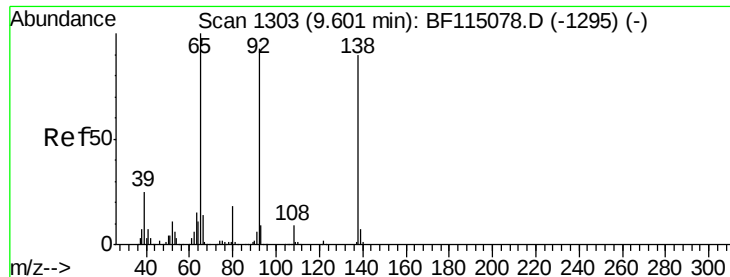
Delta R.T. 0.00 min

Lab File: BF115346.D

Acq: 1 Jul 2019 18:47

Tgt Ion:	154	Resp:	415598
Ion Ratio	Lower	Upper	
154	100		
153	112.4	88.7	133.1
152	54.0	42.6	64.0





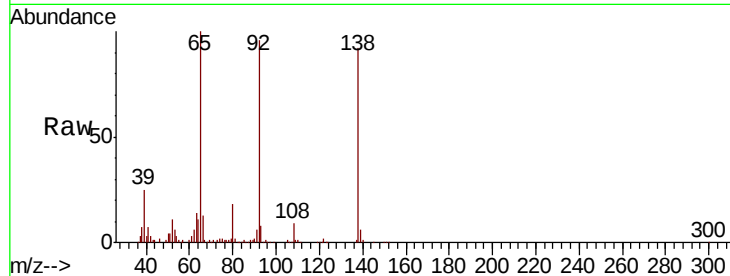
#53
3-Nitroaniline
Concen: 17.707 ng
RT: 9.58 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

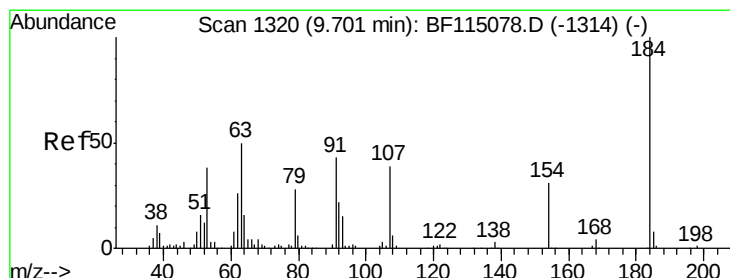
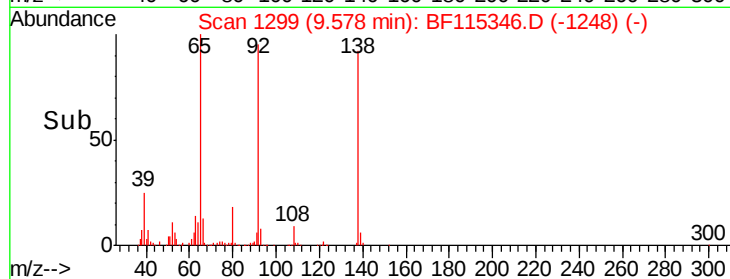
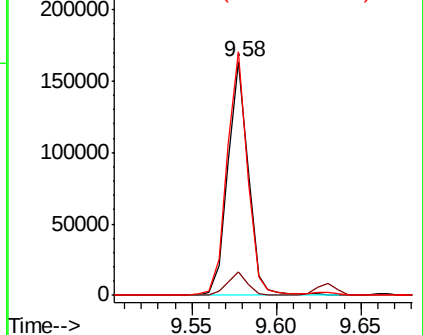
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.8	11.6
92	104.2	82.9	124.3

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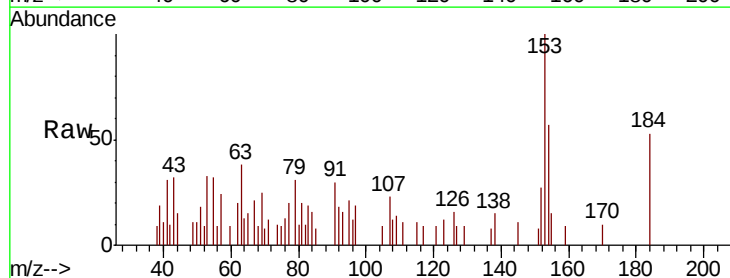


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

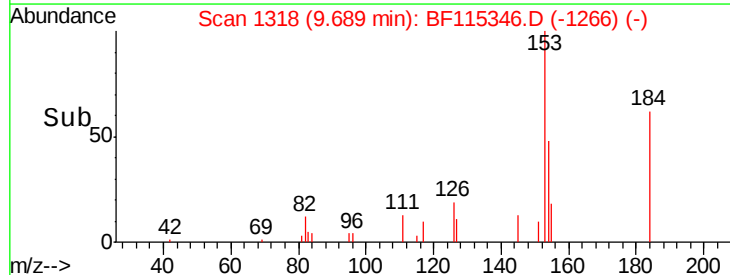
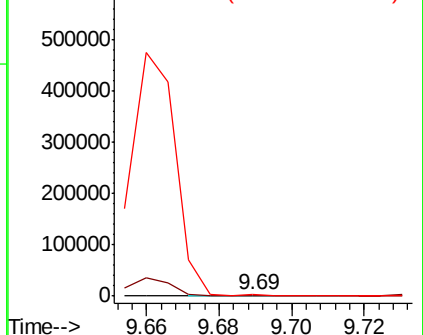


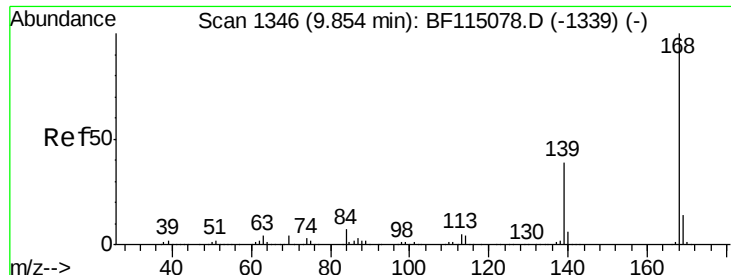
#54
2,4-Dinitrophenol
Concen: 7.846 ng
RT: 9.69 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.0	41.9	62.9#
154	106.3	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





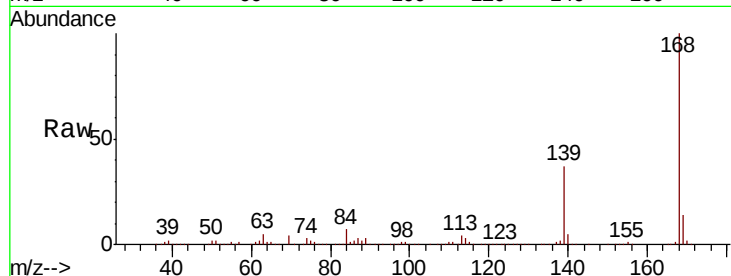
#55
Dibenzofuran
Concen: 18.237 ng
RT: 9.83 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
168	100	621645		
139	36.7		31.1	46.7
169	13.9		11.3	16.9

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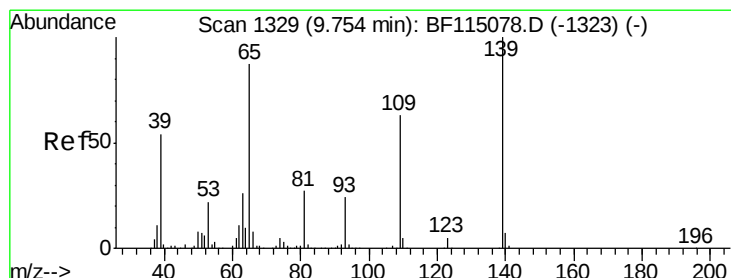
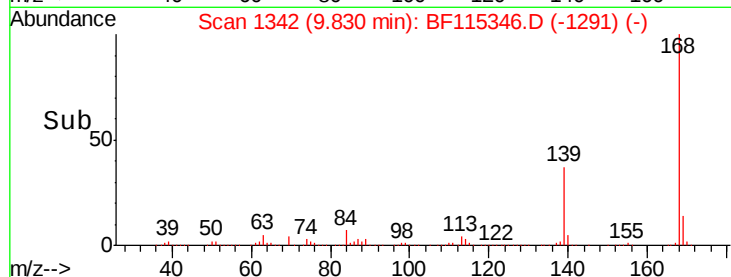
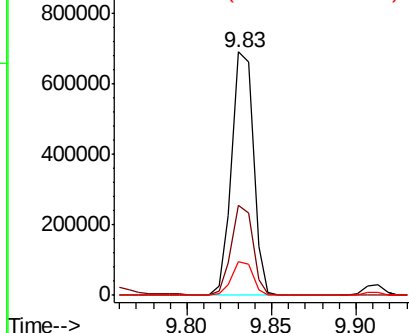


Abundance

Ion 168.00 (167.70 to 168.70): E

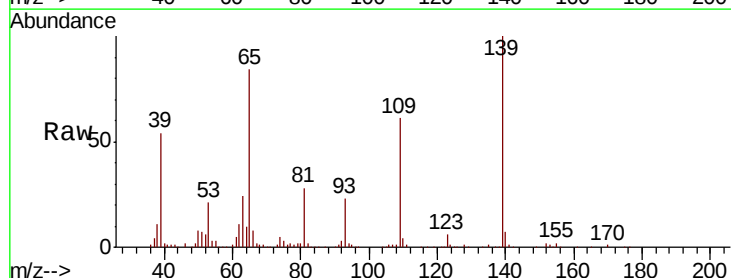
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 28.678 ng
RT: 9.74 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	178862		
109	61.2		43.0	83.0
65	84.2		67.0	107.0

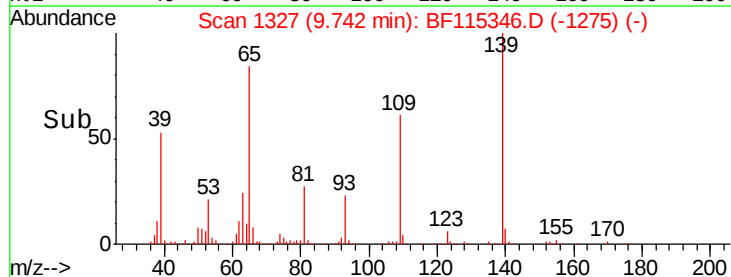
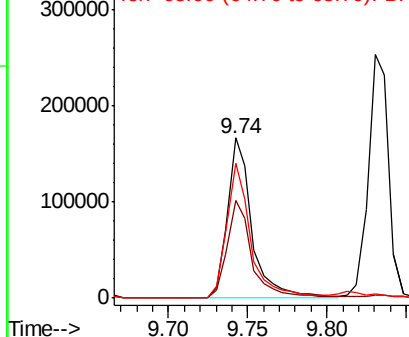


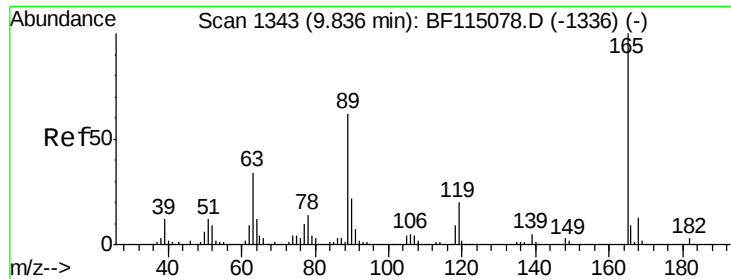
Abundance

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





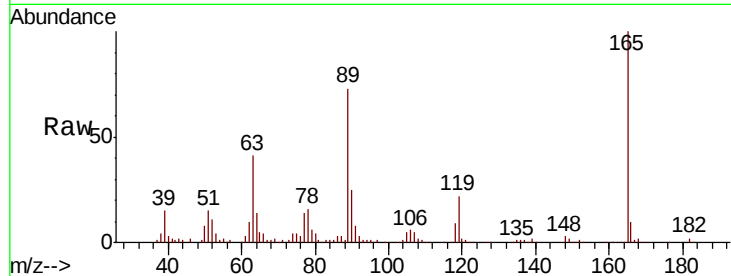
#57
 2,4-Dinitrotoluene
 Concen: 14.009 ng
 RT: 9.81 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF115346.D
 Acq: 1 Jul 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MS

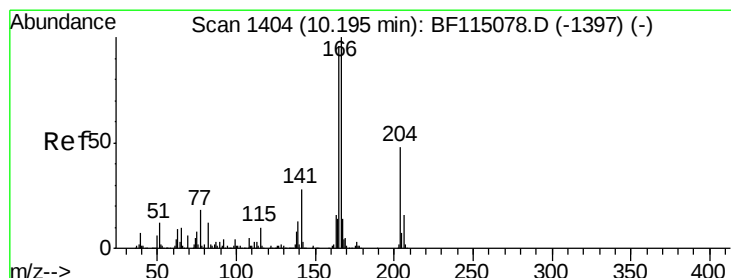
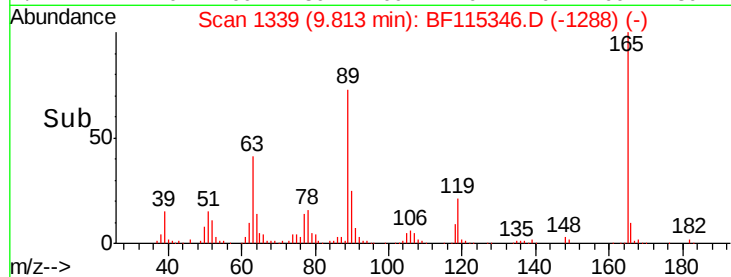
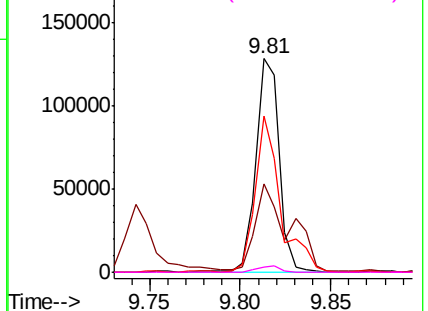
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	41.2	27.5	41.3		
89	73.0	49.9	74.9		
182	2.4	2.1	3.1		

Manual Integrations
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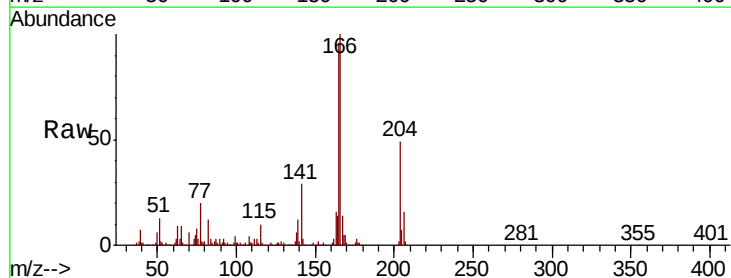


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

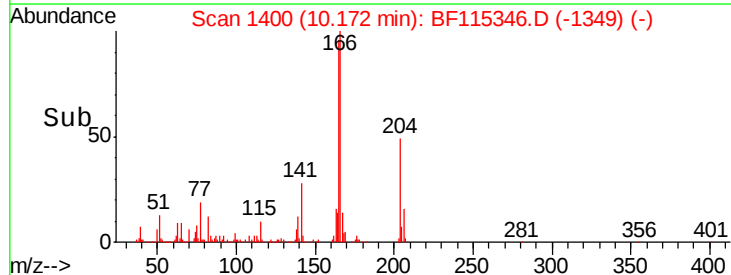
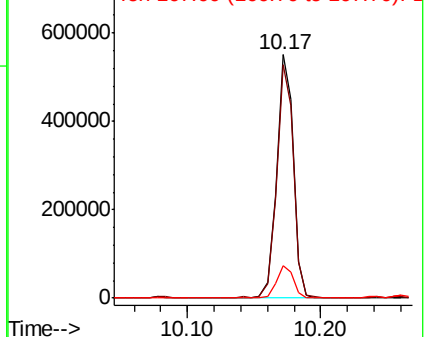


#58
 Fluorene
 Concen: 17.290 ng
 RT: 10.17 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF115346.D
 Acq: 1 Jul 2019 18:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	96.0	76.5	114.7		
167	13.5	11.0	16.4		



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





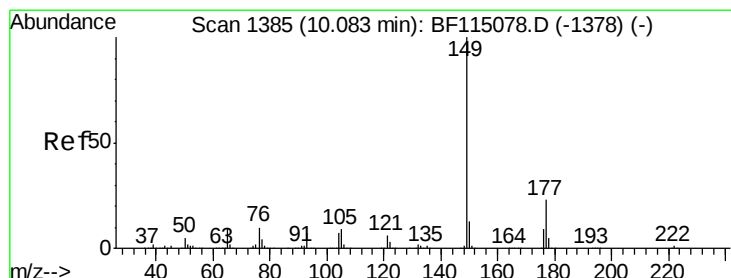
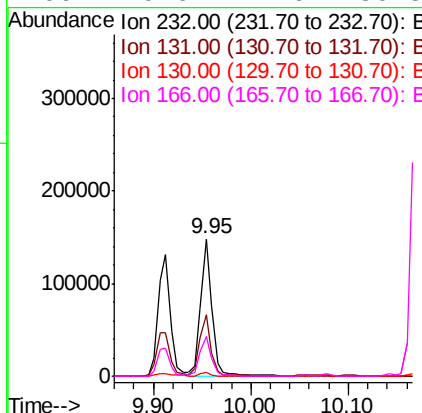
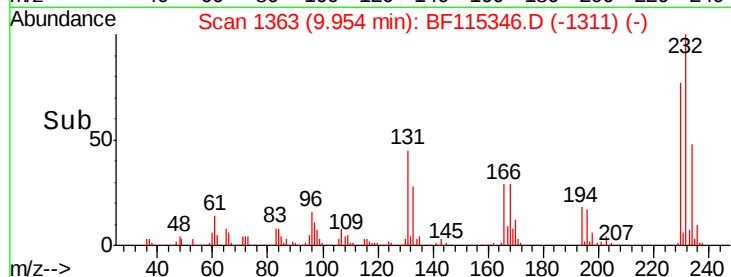
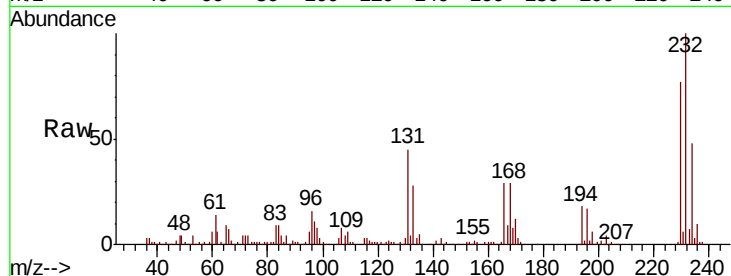
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 17.309 ng
 RT: 9.95 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF115346.D
 Acq: 1 Jul 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.4	37.4	56.0
130	2.4	1.8	2.6
166	29.6	24.6	36.8

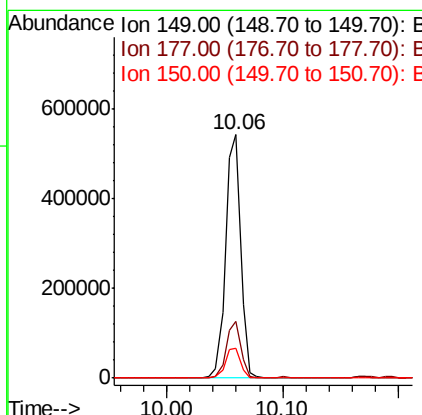
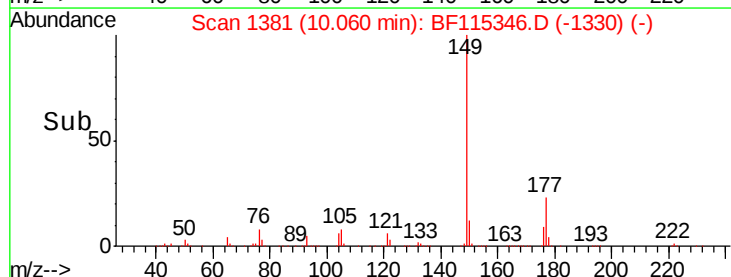
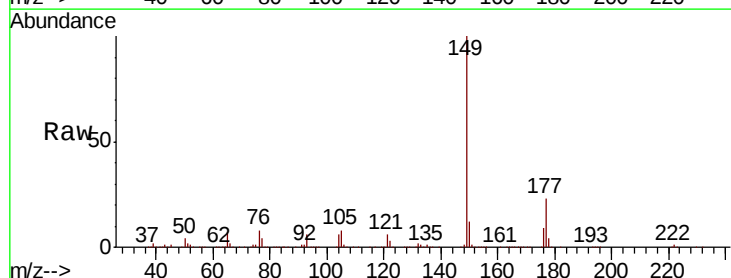
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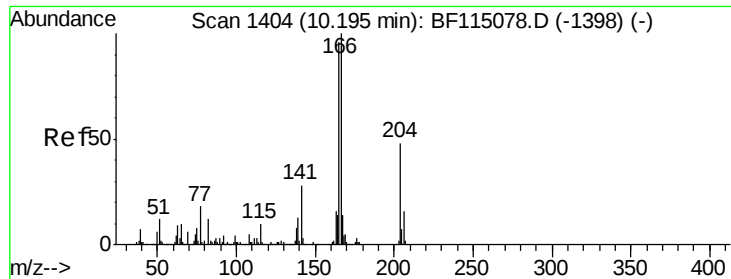
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#60
 Diethylphthalate
 Concen: 17.650 ng
 RT: 10.06 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF115346.D
 Acq: 1 Jul 2019 18:47

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.7	28.1
150	12.4	10.4	15.6





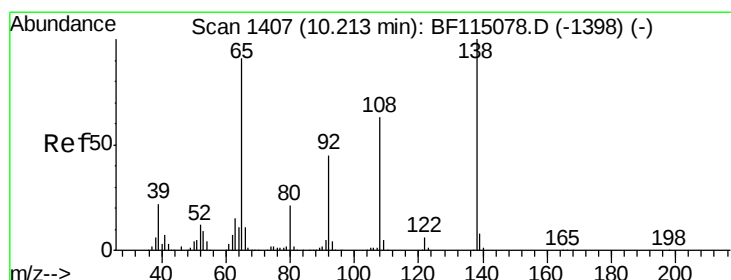
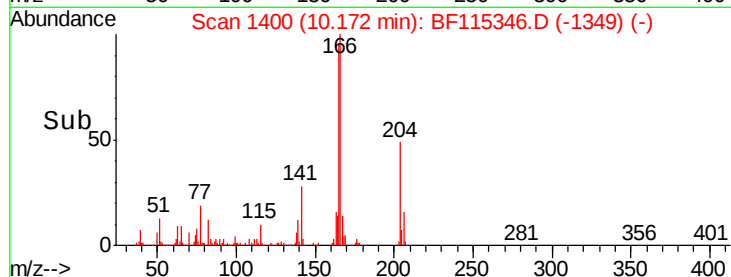
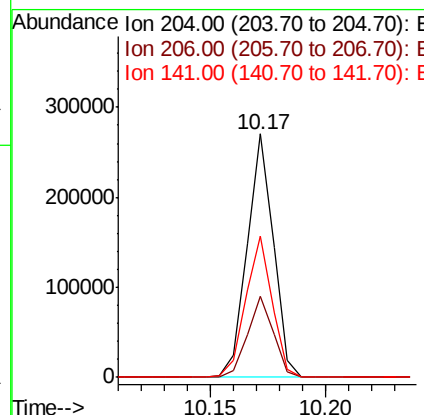
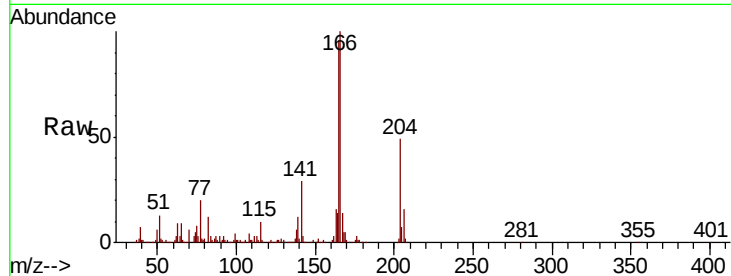
#61
 4-Chlorophenyl-phenylether
 Concen: 15.455 ng
 RT: 10.17 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF115346.D
 Acq: 1 Jul 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	40.0
141	58.1	46.7	70.1

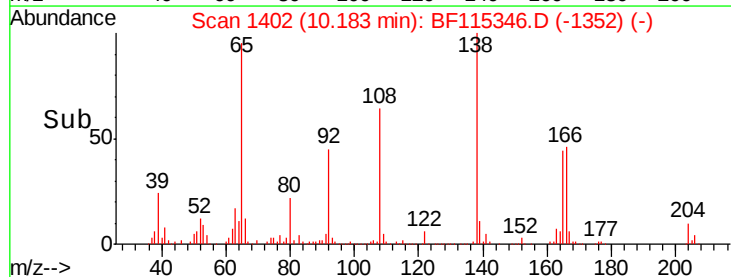
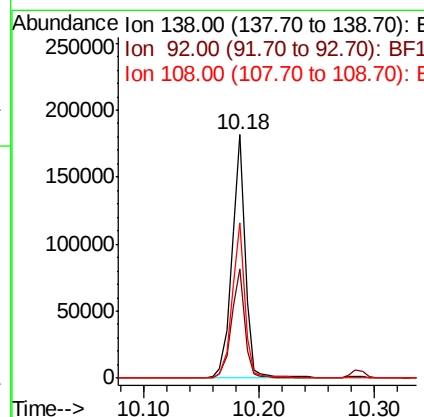
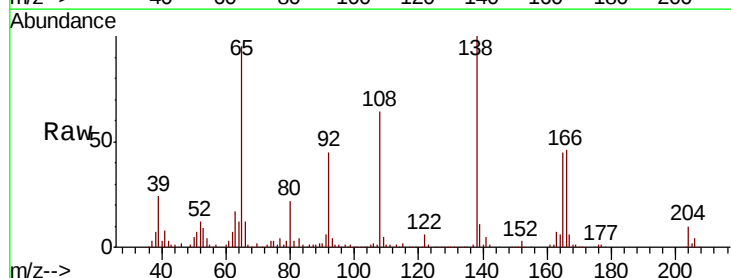
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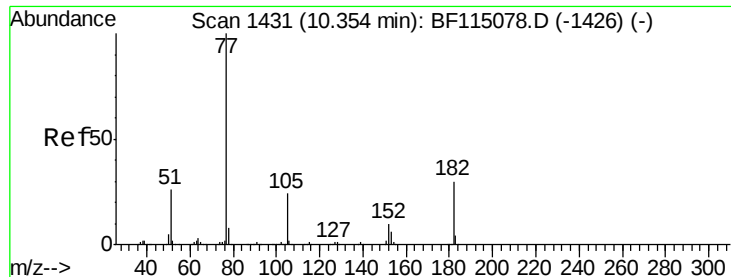
mohammad
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#62
 4-Nitroaniline
 Concen: 18.688 ng
 RT: 10.18 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF115346.D
 Acq: 1 Jul 2019 18:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.9	24.8	64.8
108	63.5	43.3	83.3





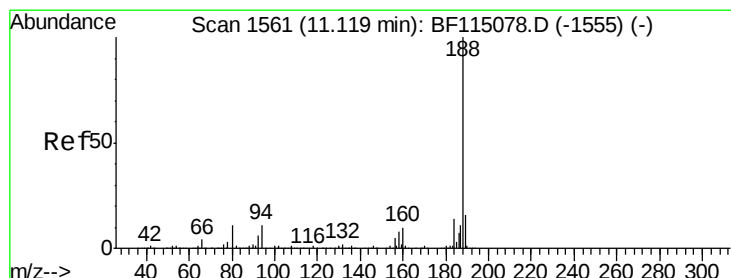
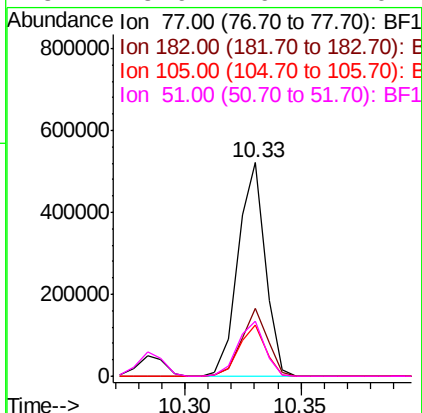
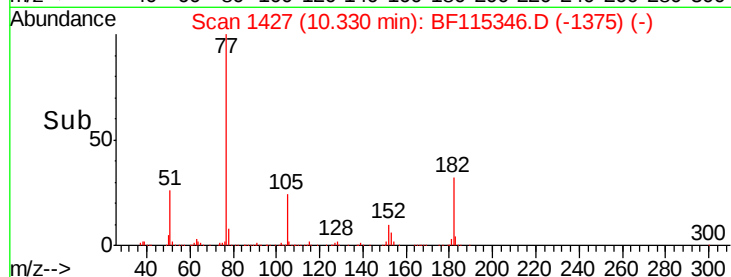
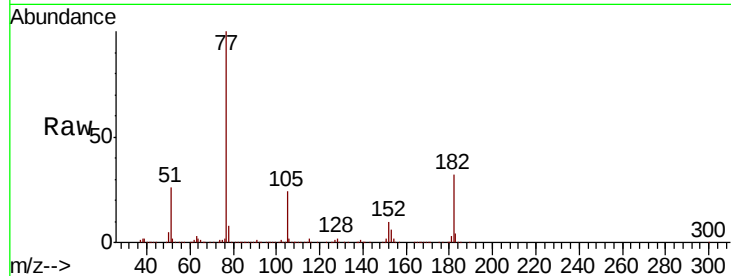
#63
Azobenzene
Concen: 16.504 ng
RT: 10.33 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	32.0	10.1	50.1	
105	23.9	4.5	44.5	
51	25.6	6.4	46.4	

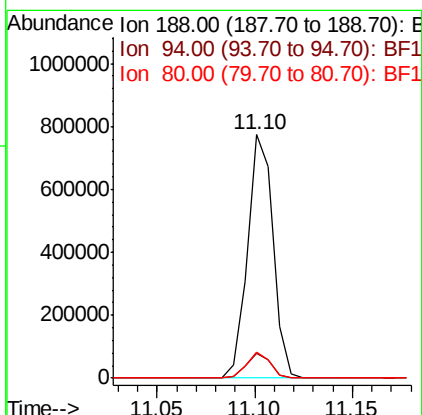
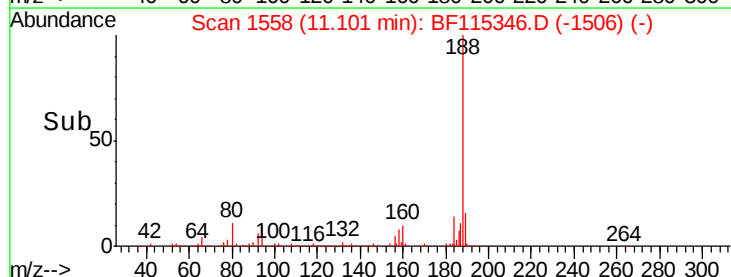
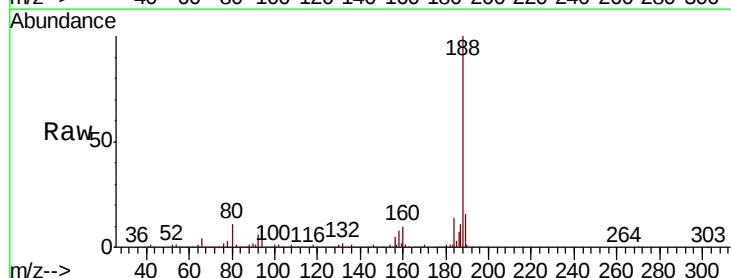
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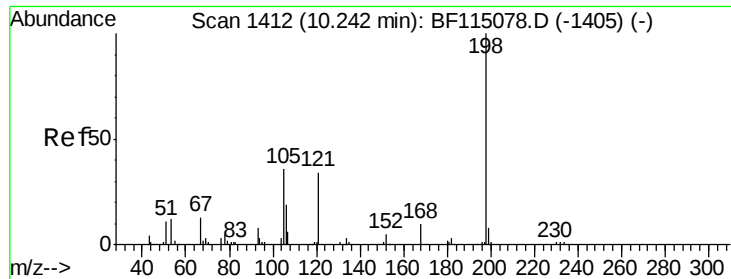
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.3	8.6	12.8	
80	10.6	8.8	13.2	





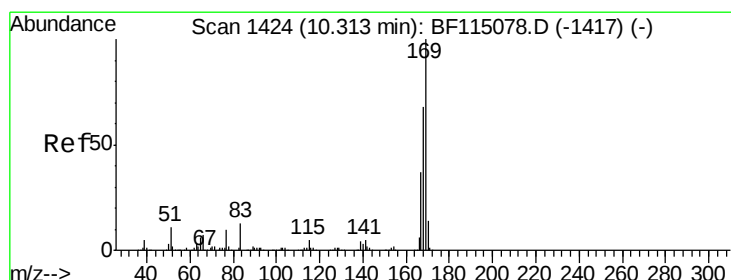
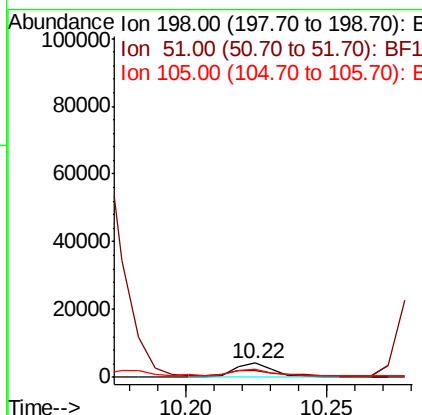
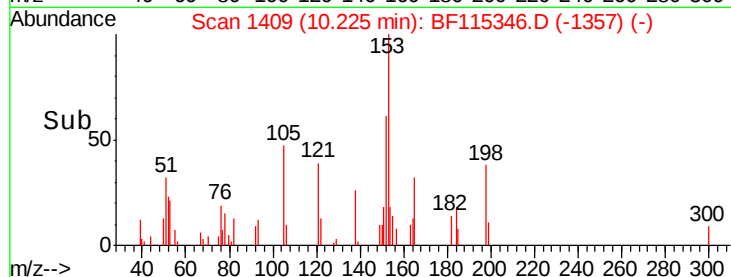
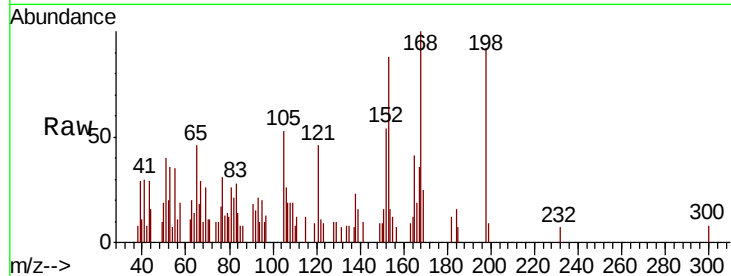
#65
4,6-Dinitro-2-methylphenol
Concen: 5.903 ng
RT: 10.22 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	3928		
51	44.1		11.0	51.0
105	57.5		17.3	57.3#

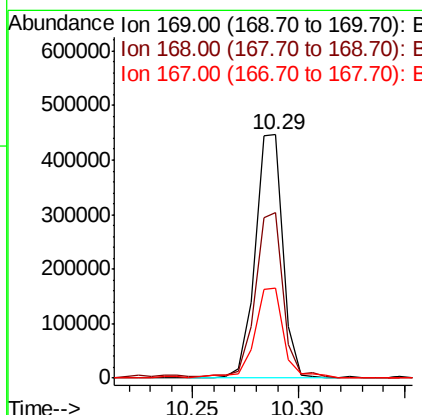
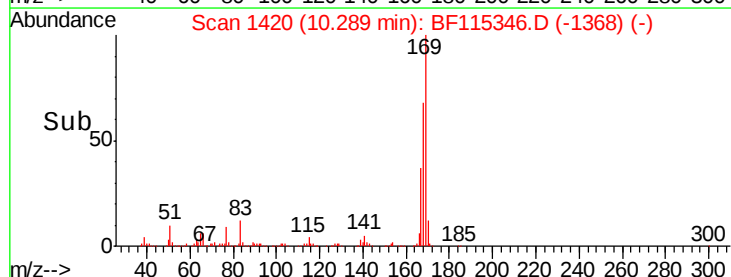
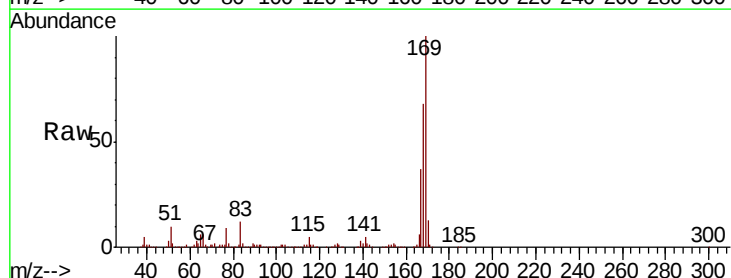
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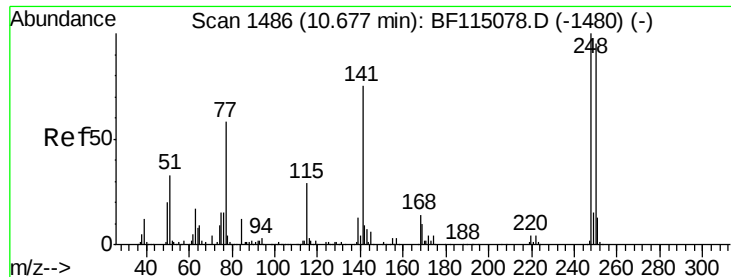
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#66
n-Nitrosodiphenylamine
Concen: 18.626 ng
RT: 10.29 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	407507		
168	67.9		54.2	81.4
167	36.7		29.4	44.0





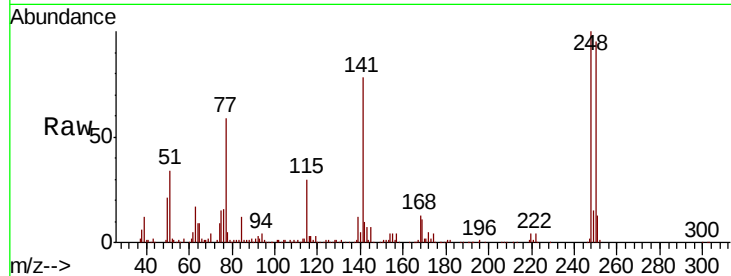
#67
4-Bromophenyl-phenylether
Concen: 17.646 ng
RT: 10.65 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

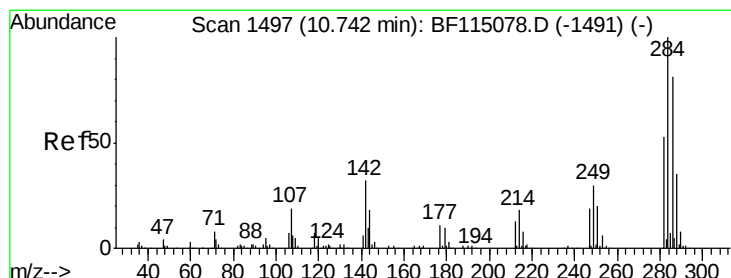
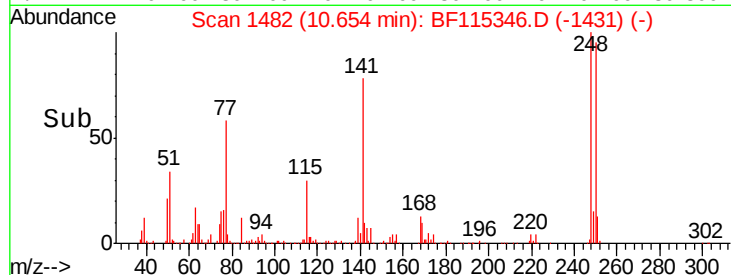
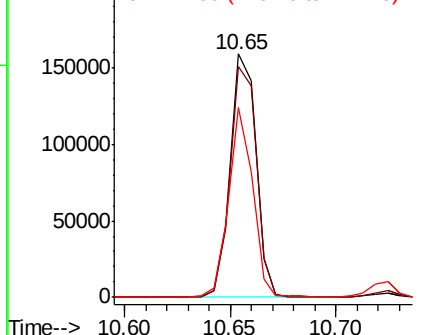
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.0	76.2	114.2
141	77.8	59.6	89.4

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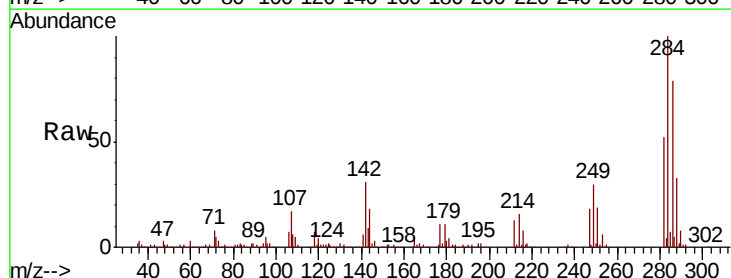


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

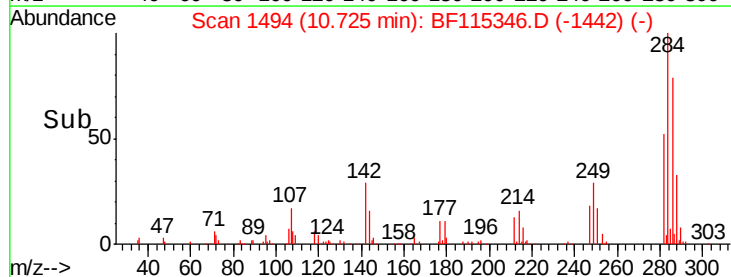
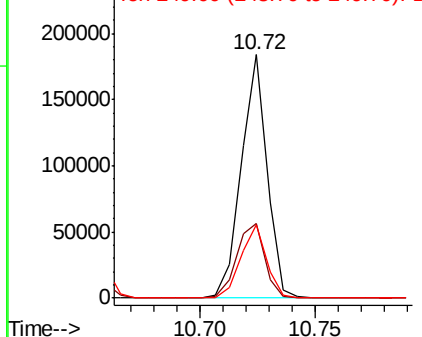


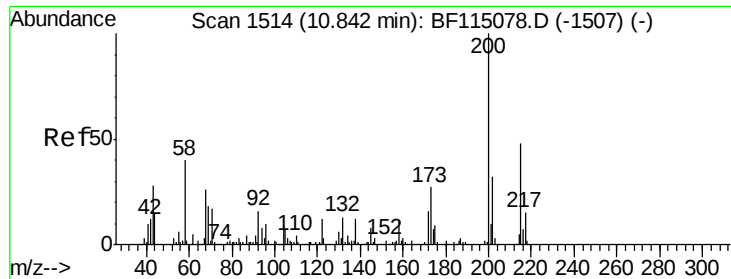
#68
Hexachlorobenzene
Concen: 17.368 ng
RT: 10.72 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	25.8	38.8
249	30.1	24.2	36.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





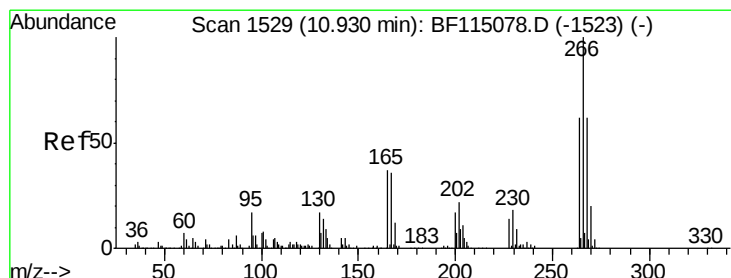
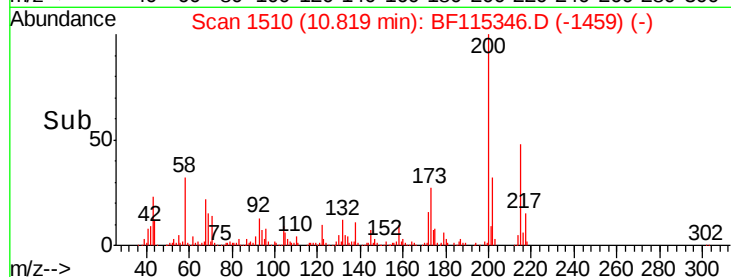
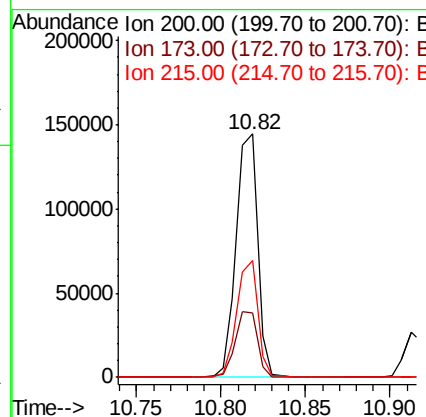
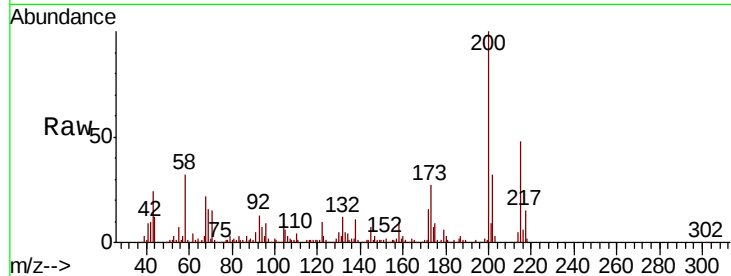
#69
 Atrazine
 Concen: 18.248 ng
 RT: 10.82 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BF115346.D
 Acq: 1 Jul 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MS

Tot Ion:	200	Resp:	128424
Ion Ratio	Lower	Upper	
200	100		
173	26.5	7.4	47.4
215	48.2	27.8	67.8

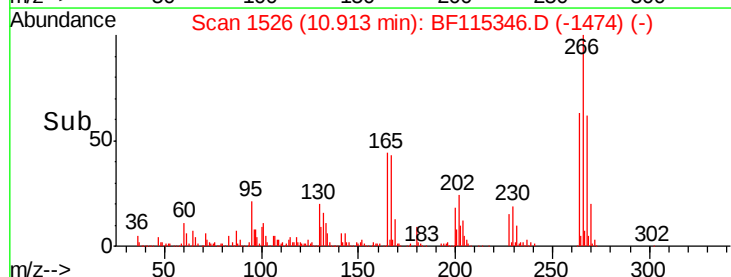
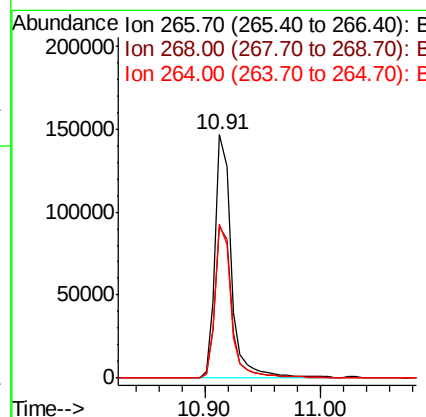
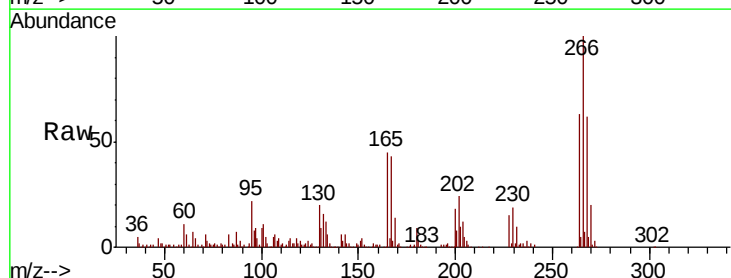
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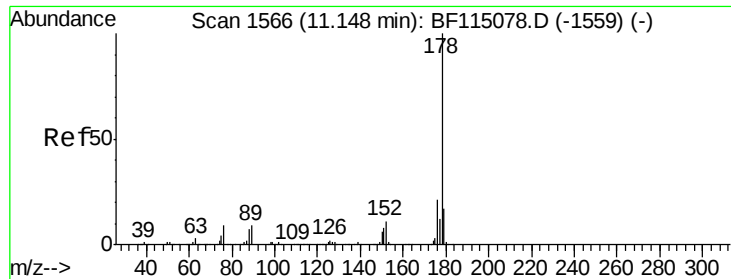
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#70
 Pentachlorophenol
 Concen: 27.613 ng
 RT: 10.91 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF115346.D
 Acq: 1 Jul 2019 18:47

Tgt Ion:	266	Resp:	145380
Ion Ratio	Lower	Upper	
266	100		
268	62.4	49.5	74.3
264	63.1	49.3	73.9





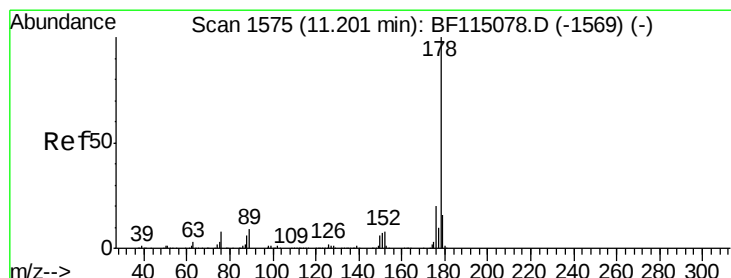
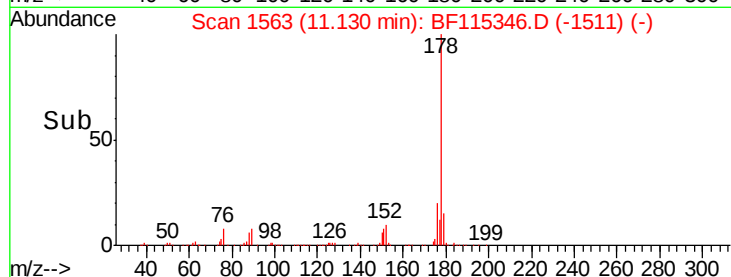
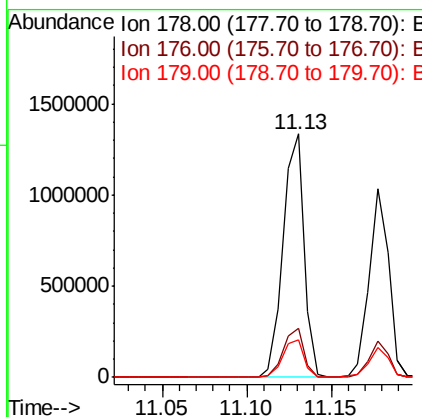
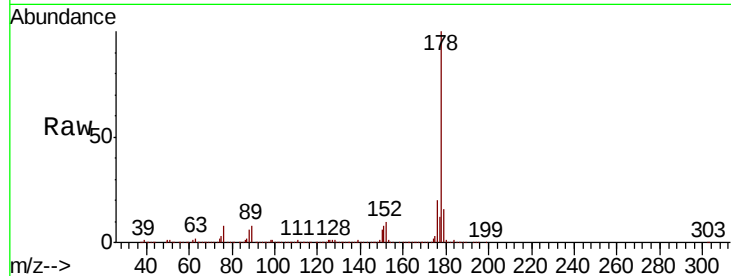
#71
Phenanthrene
Concen: 30.739 ng
RT: 11.13 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.9	25.3
179	15.6	13.2	19.8

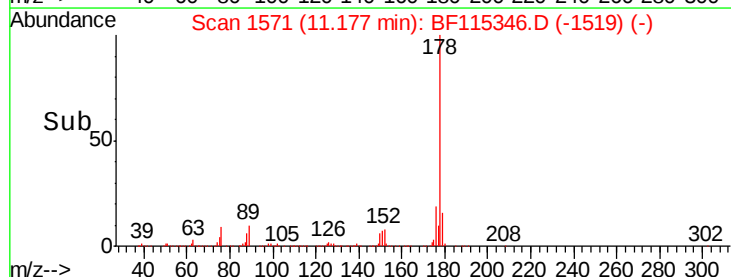
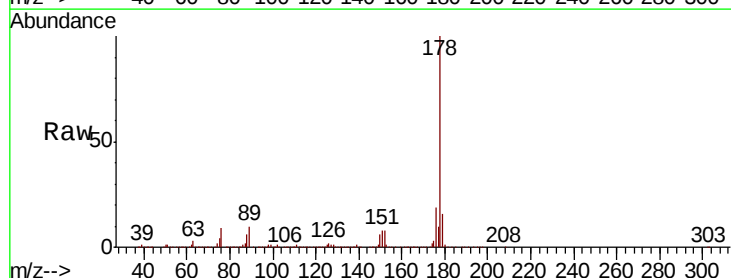
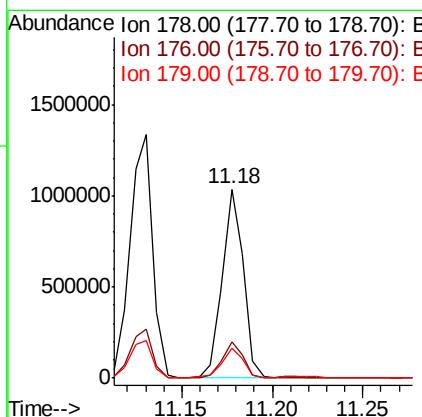
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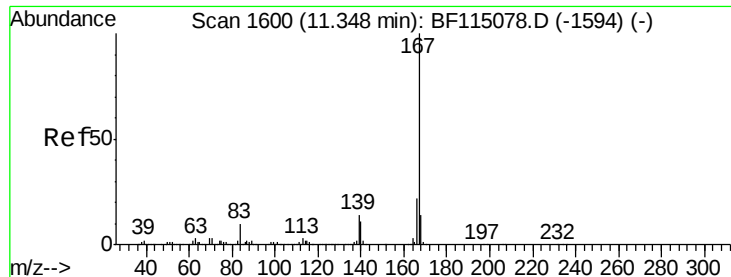
mohammad
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#72
Anthracene
Concen: 21.969 ng
RT: 11.18 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.1	24.1
179	16.0	12.9	19.3





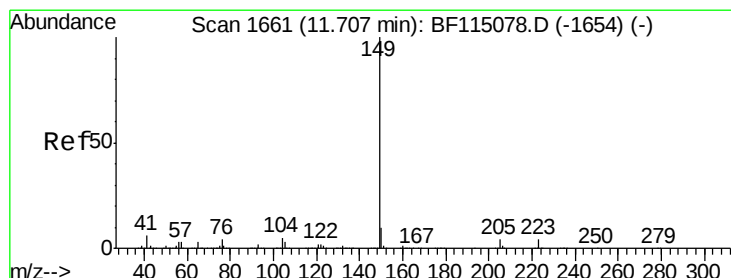
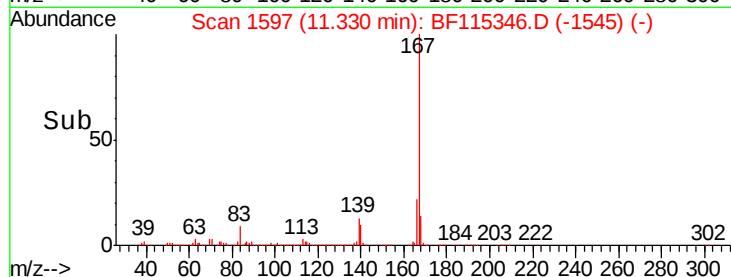
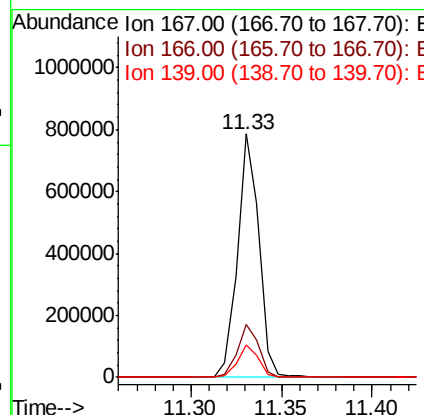
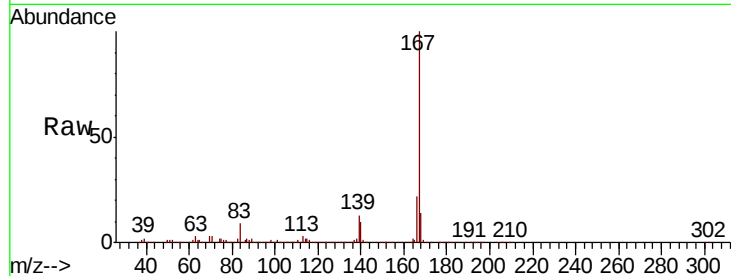
#73
 Carbazole
 Concen: 18.965 ng
 RT: 11.33 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF115346.D
 Acq: 1 Jul 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MS

Tot Ion:	167	Resp:	646337
Ion Ratio	Lower	Upper	
167	100		
166	21.8	18.0	27.0
139	13.5	11.1	16.7

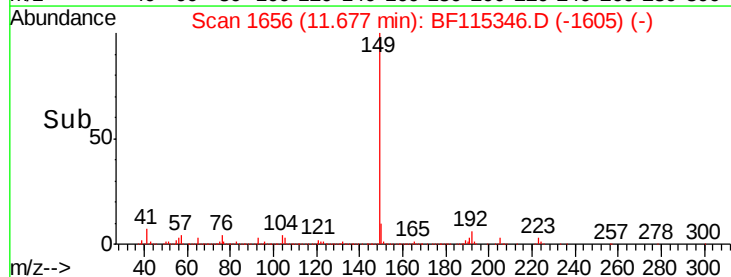
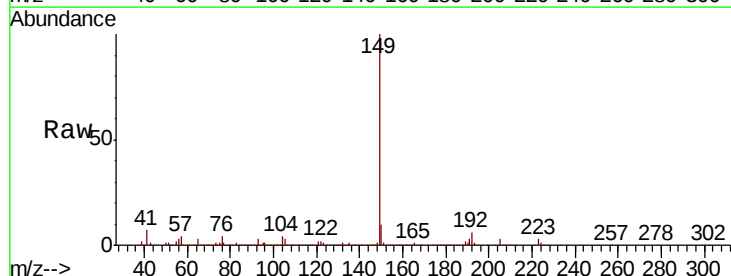
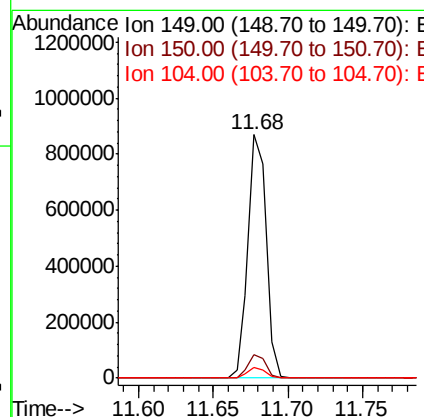
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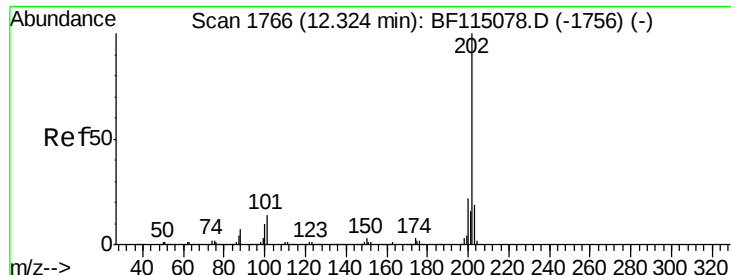
mohammad
 7/2/2019 2:53:47 PM



#74
 Di-n-butylphthalate
 Concen: 18.777 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF115346.D
 Acq: 1 Jul 2019 18:47

Tgt Ion:	149	Resp:	739480
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.8	11.8
104	4.5	3.7	5.5





#75

Fluoranthene

Concen: 41.017 ng

RT: 12.31 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF115346.D

Acq: 1 Jul 2019 18:47

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MS

Tot Ion:202 Resp: 1547370

Ion Ratio Lower Upper

202 100

101 11.7 0.0 34.0

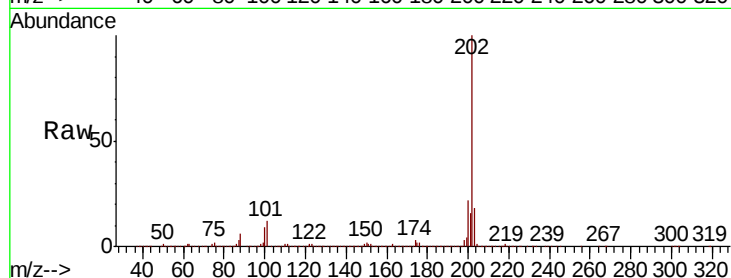
203 18.2 0.0 38.8

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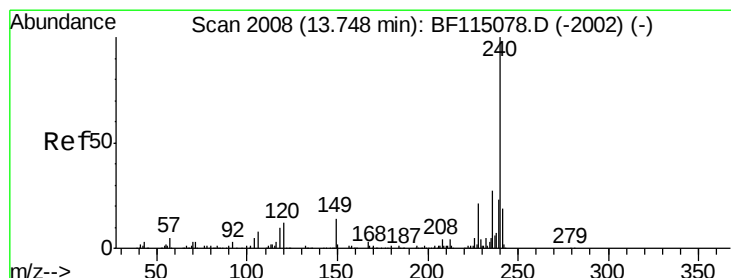
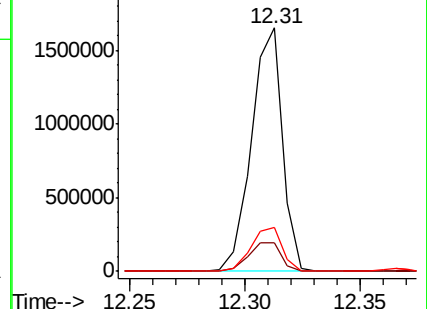
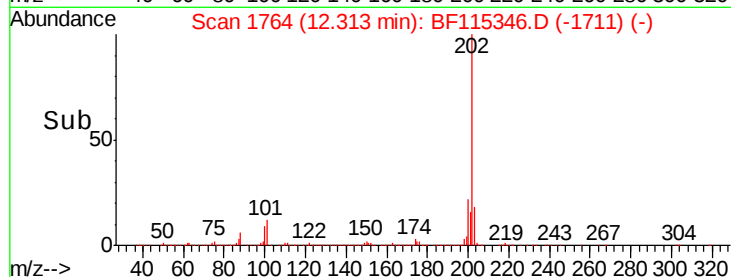
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Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.72 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF115346.D

Acq: 1 Jul 2019 18:47

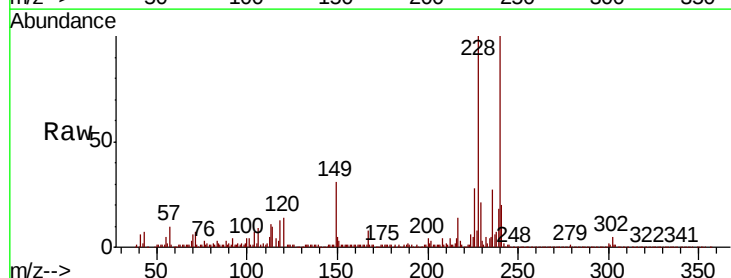
Tgt Ion:240 Resp: 434530

Ion Ratio Lower Upper

240 100

120 13.8 9.4 14.2

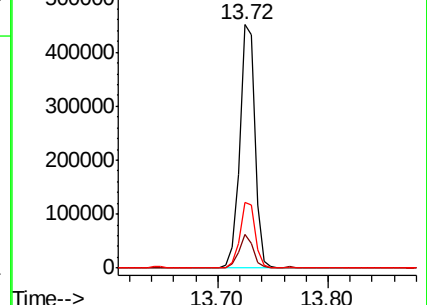
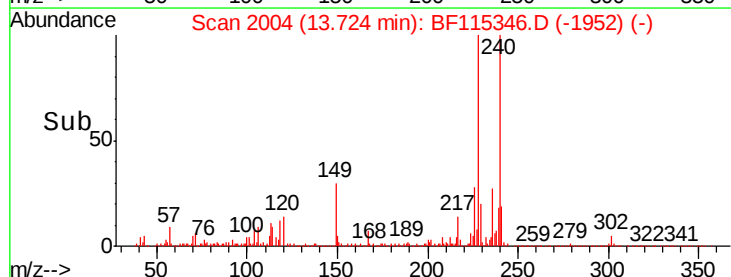
236 27.2 21.7 32.5

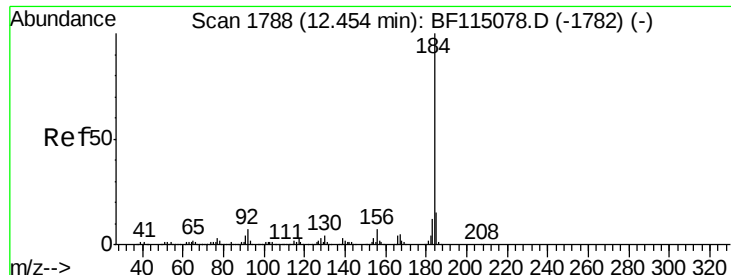


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.276 ng

RT: 12.43 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF115346.D

Acq: 1 Jul 2019 18:47

Instrument :

BNA_F

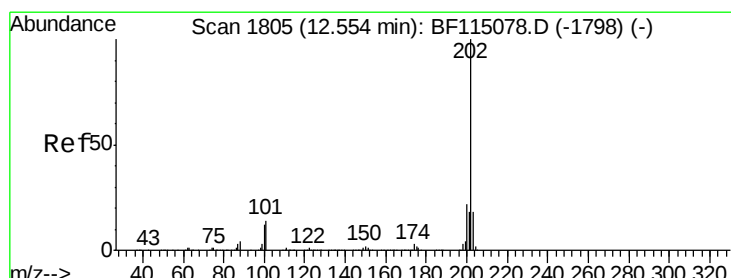
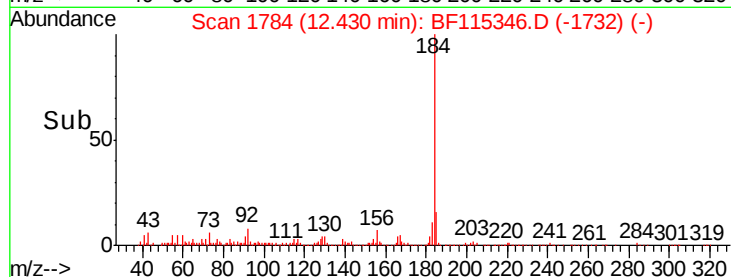
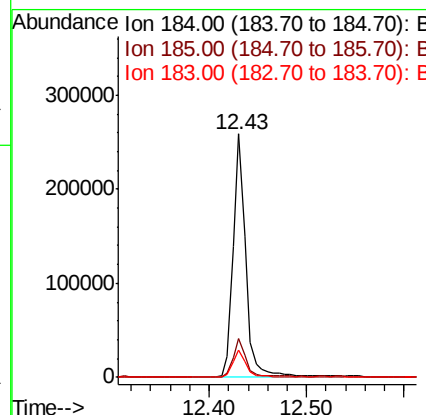
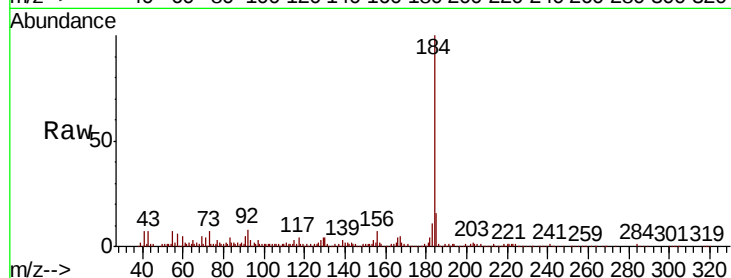
ClientSampleId :

HJDC-COMP-1MS

Tot Ion:	184	Resp:	236857
Ion Ratio	Lower	Upper	
184	100		
185	16.2	12.2	18.2
183	11.4	9.6	14.4

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#78

Pyrene

Concen: 45.078 ng

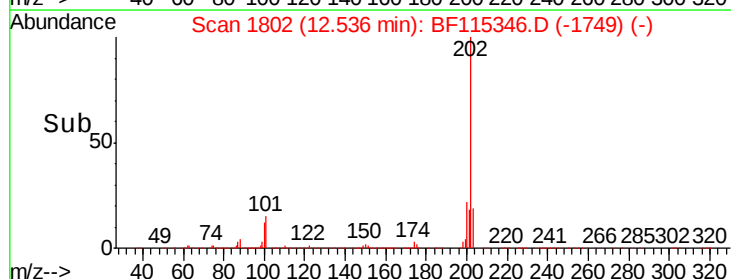
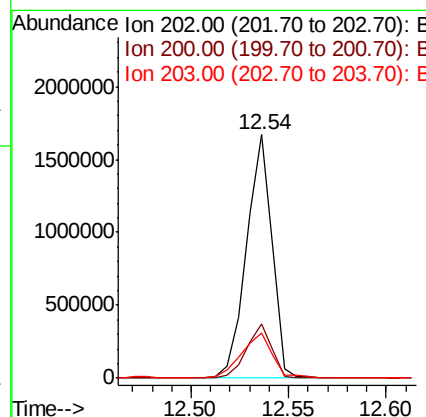
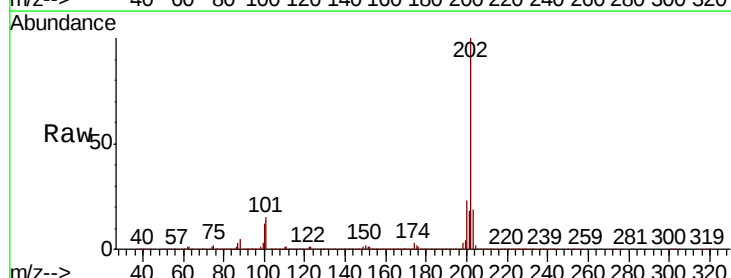
RT: 12.54 min Scan# 1802

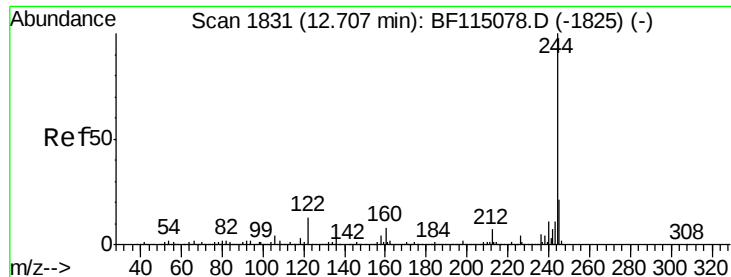
Delta R.T. 0.01 min

Lab File: BF115346.D

Acq: 1 Jul 2019 18:47

Tgt Ion:	202	Resp:	1505329
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.9	26.9
203	18.8	14.6	21.8





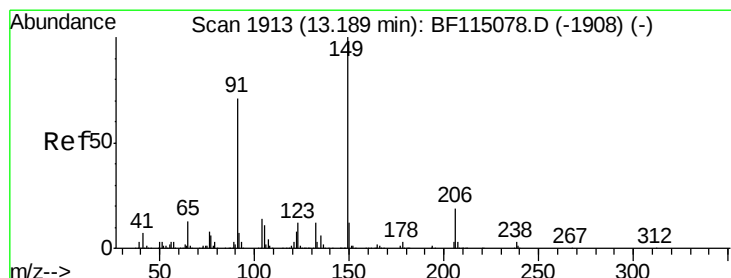
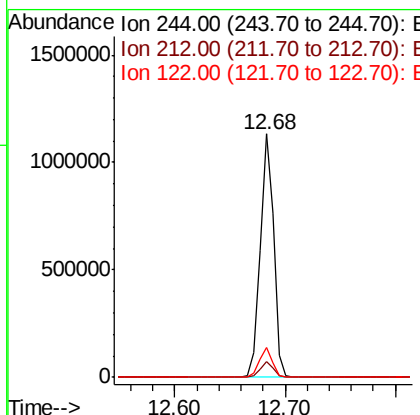
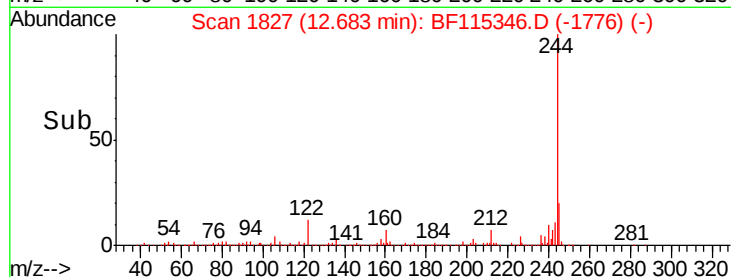
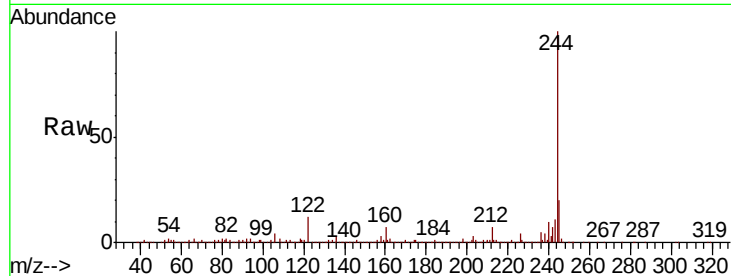
#79
 Terphenyl-d14
 Concen: 47.295 ng
 RT: 12.68 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF115346.D
 Acq: 1 Jul 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	12.2	10.4	15.6

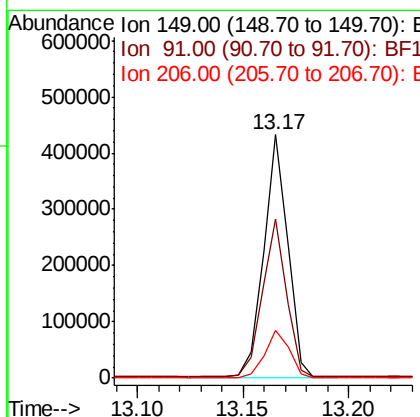
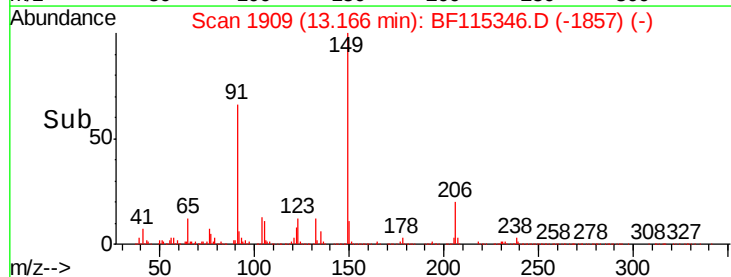
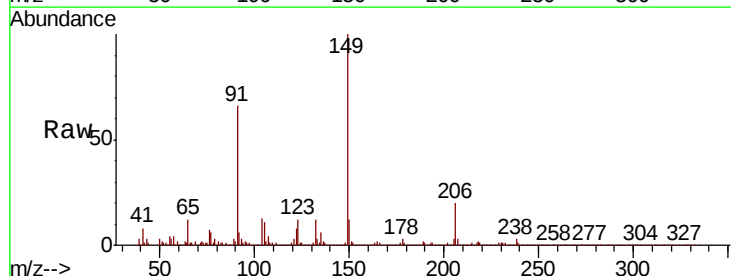
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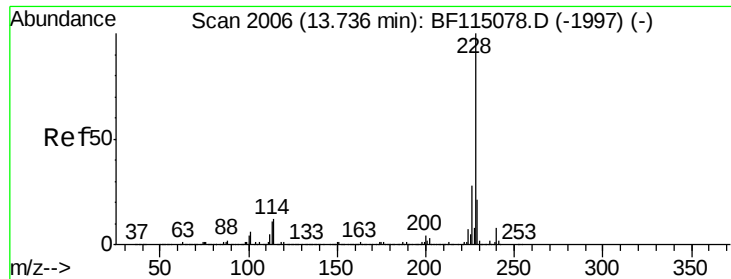
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#80
 Butylbenzylphthalate
 Concen: 23.147 ng
 RT: 13.17 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: BF115346.D
 Acq: 1 Jul 2019 18:47

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.6	56.5	84.7
206	19.8	15.3	22.9





#81

Benzo(a)anthracene

Concen: 31.069 ng

RT: 13.72 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF115346.D

Acq: 1 Jul 2019 18:47

Instrument :

BNA_F

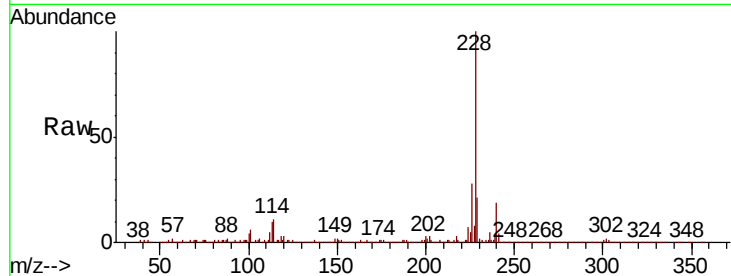
ClientSampleId :

HJDC-COMP-1MS

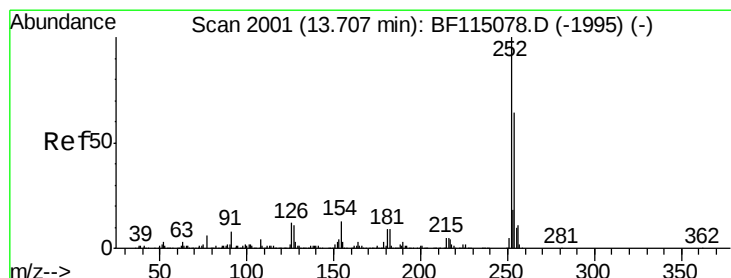
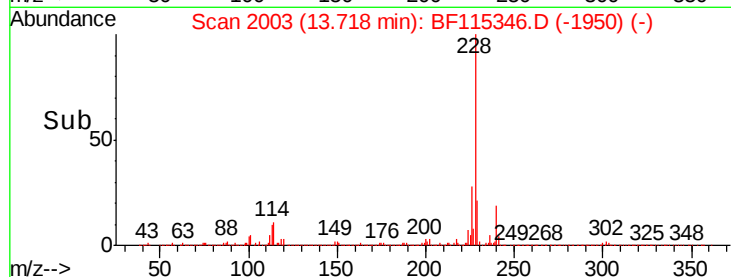
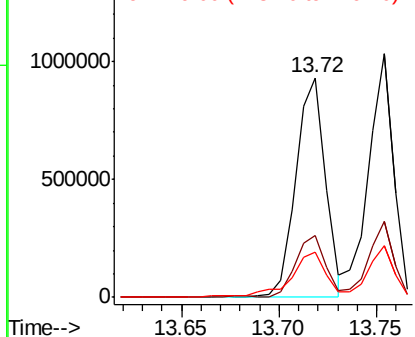
Tot Ion:	228	Resp:	968684
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.5	33.7
229	20.7	16.6	24.8

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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: 15.948 ng

RT: 13.68 min Scan# 1997

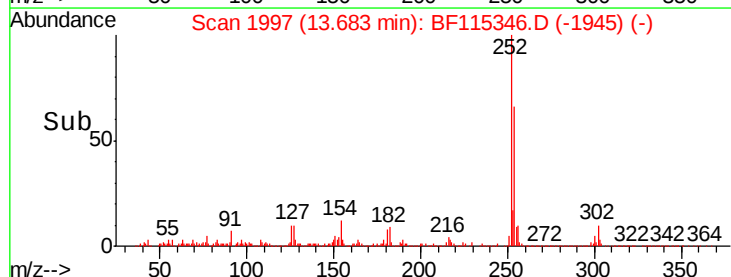
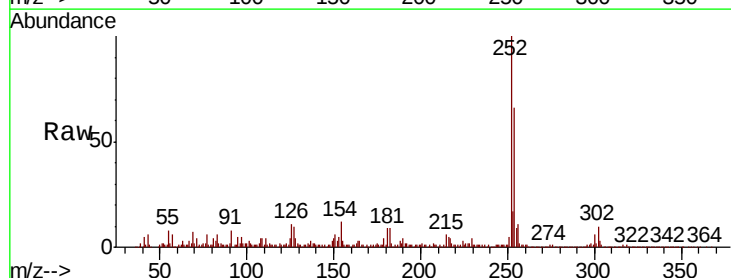
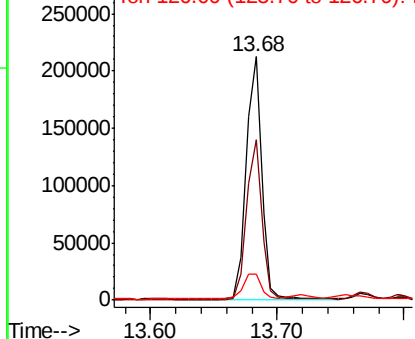
Delta R.T. 0.01 min

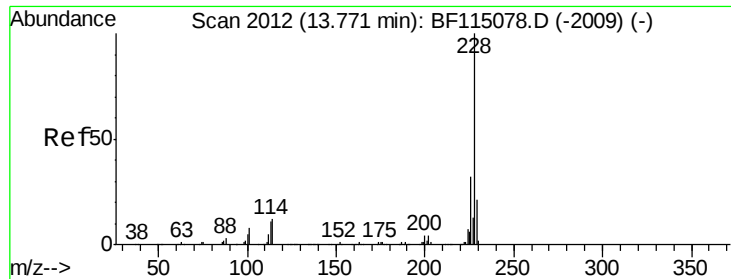
Lab File: BF115346.D

Acq: 1 Jul 2019 18:47

Tgt Ion:	252	Resp:	179565
Ion Ratio	Lower	Upper	
252	100		
254	65.8	51.1	76.7
126	10.8	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





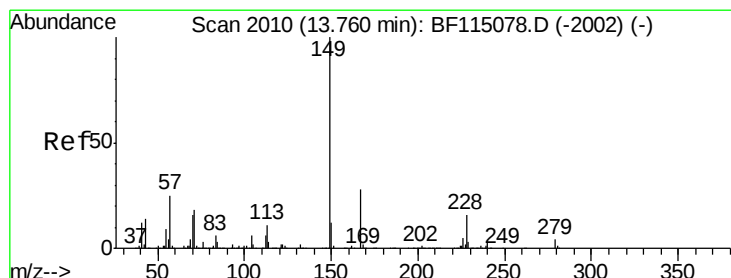
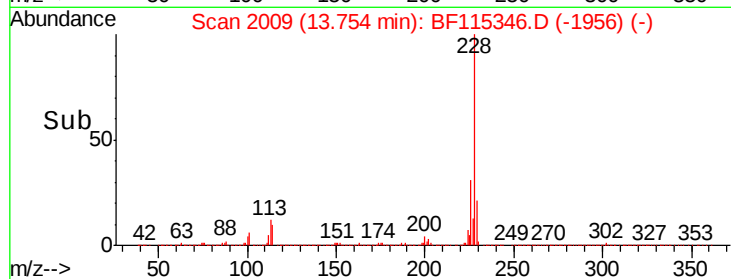
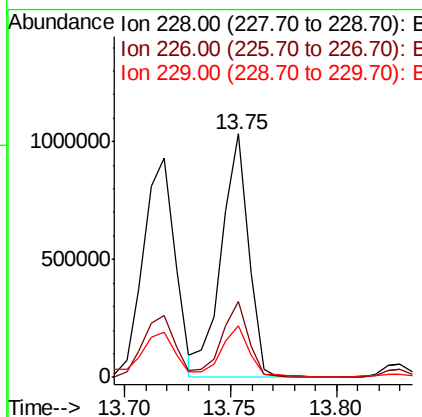
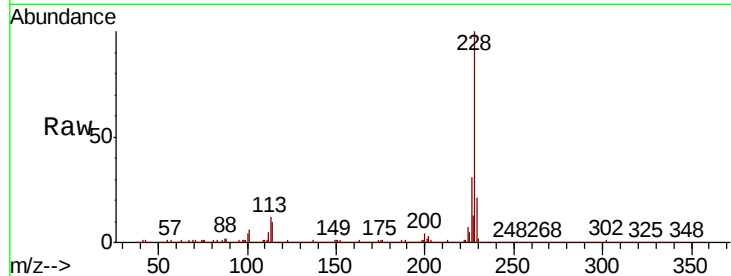
#83
 Chrvsene
 Concen: 32.064 ng
 RT: 13.75 min Scan# 2009
 Delta R.T. 0.01 min
 Lab File: BF115346.D
 Acq: 1 Jul 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	21.4	16.5	24.7

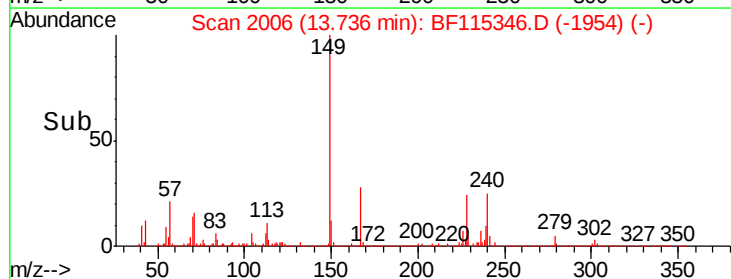
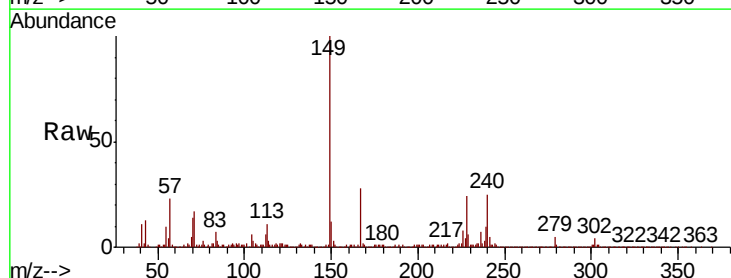
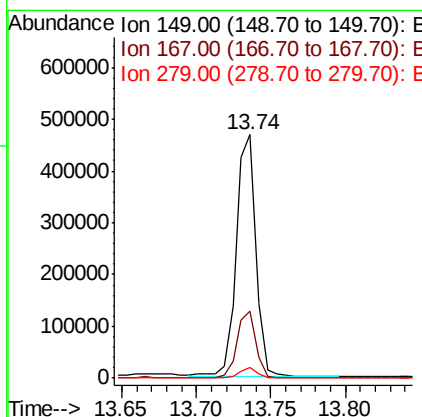
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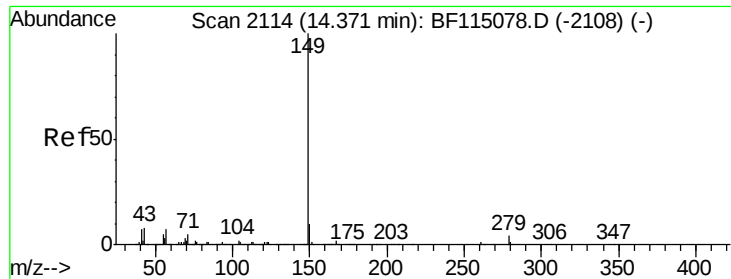
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 22.304 ng
 RT: 13.74 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: BF115346.D
 Acq: 1 Jul 2019 18:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.4
279	4.6	2.9	4.3#





#85

Di-n-octyl phthalate

Concen: 19.115 ng

RT: 14.34 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BF115346.D

Acq: 1 Jul 2019 18:47

Instrument :

BNA_F

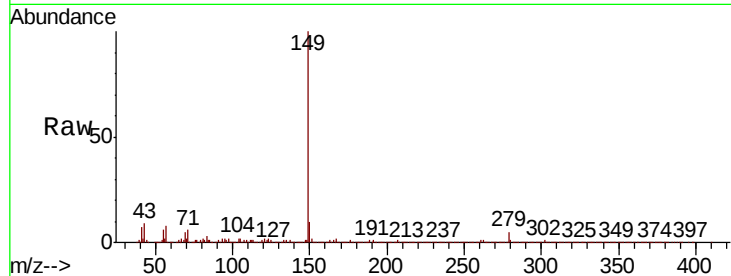
ClientSampleId :

HJDC-COMP-1MS

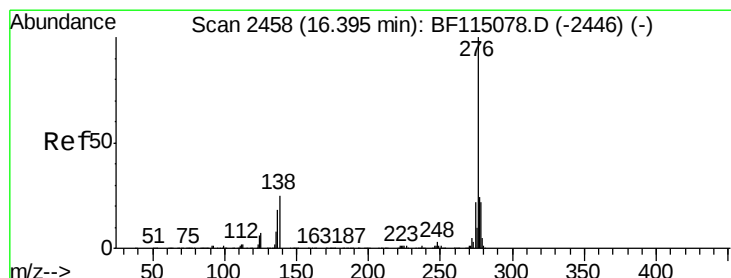
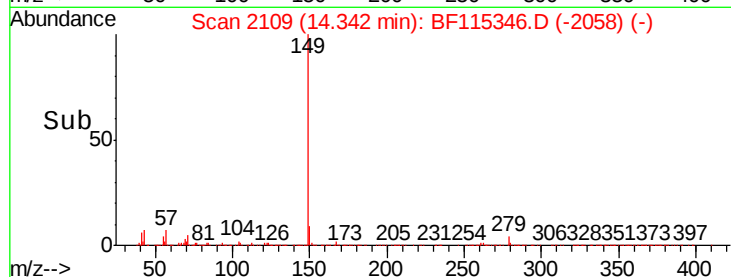
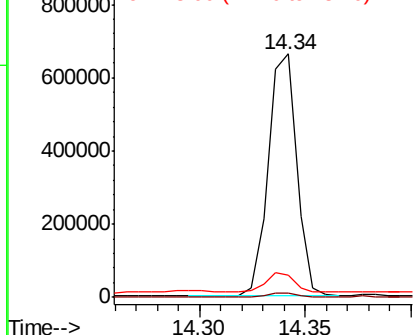
Tot Ion:	149	Resp:	620187
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.3	7.0	10.6

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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: 15.447 ng

RT: 16.37 min Scan# 2453

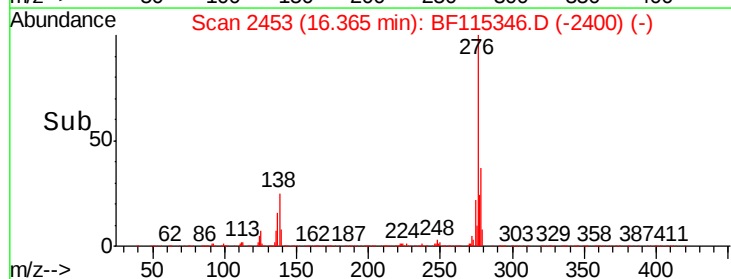
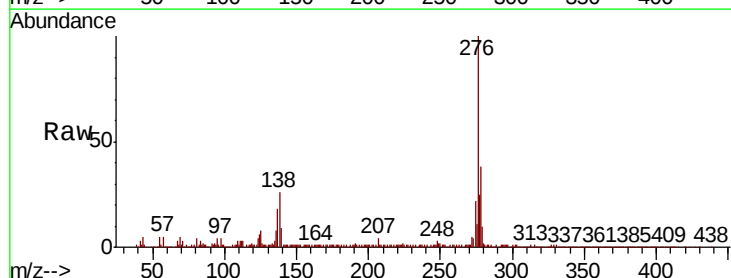
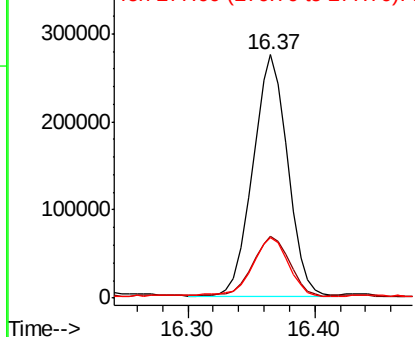
Delta R.T. 0.01 min

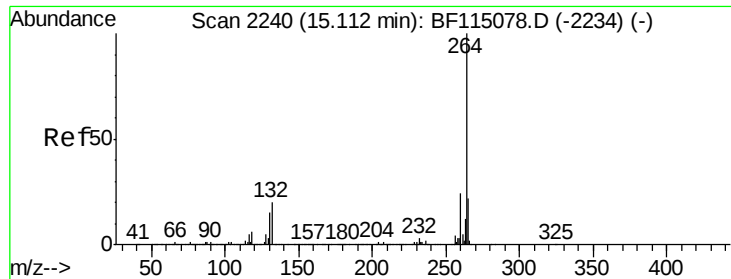
Lab File: BF115346.D

Acq: 1 Jul 2019 18:47

Tgt Ion:	276	Resp:	522041
Ion Ratio		Lower	Upper
276	100		
138	26.2	23.2	34.8
277	25.2	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: 15.09 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF115346.D

Acq: 1 Jul 2019 18:47

Instrument :

BNA_F

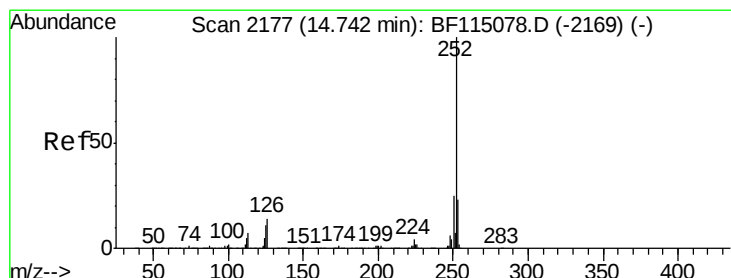
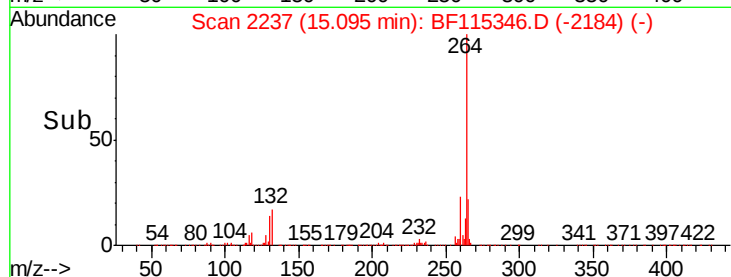
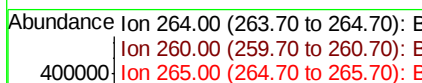
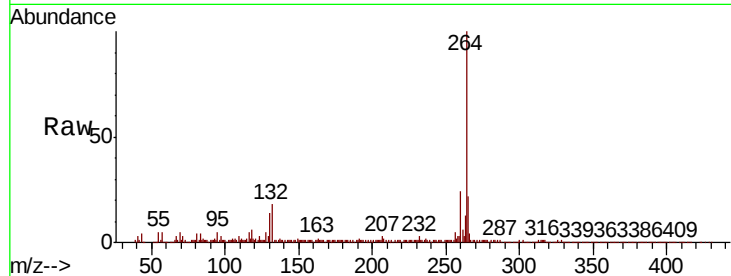
ClientSampleId :

HJDC-COMP-1MS

Tot Ion:	264	Resp:	377375
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.6	29.4
265	22.3	17.3	25.9

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#88

Benzo(b)fluoranthene

Concen: 34.060 ng

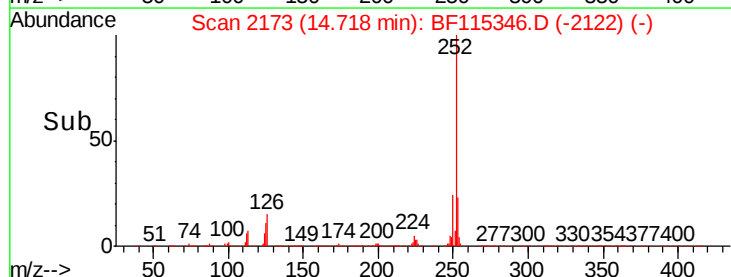
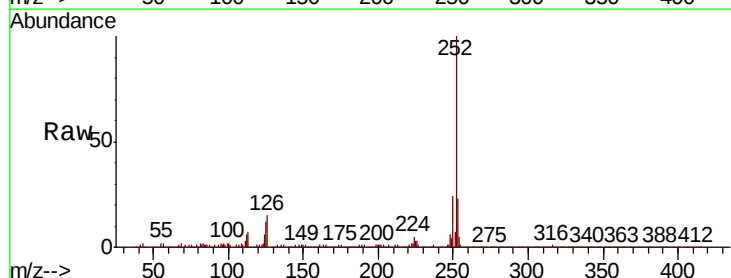
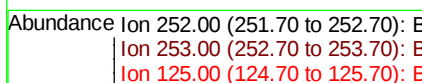
RT: 14.72 min Scan# 2173

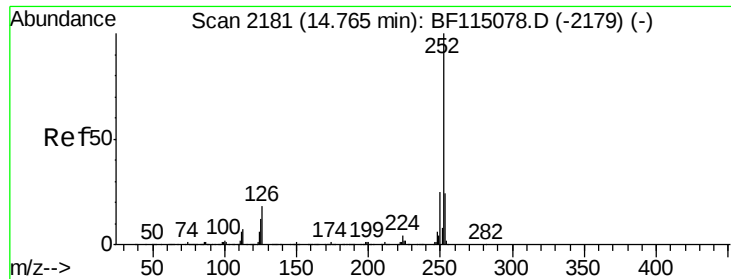
Delta R.T. 0.00 min

Lab File: BF115346.D

Acq: 1 Jul 2019 18:47

Tgt Ion:	252	Resp:	802004
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.1	27.1
125	12.2	8.7	13.1





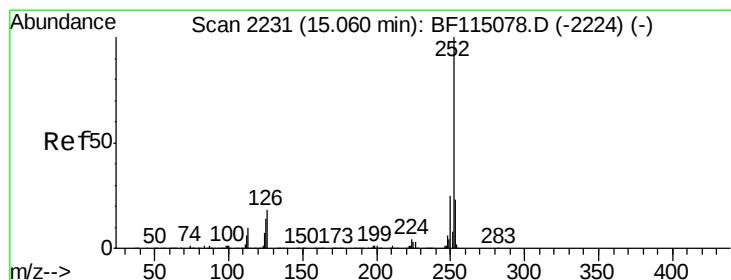
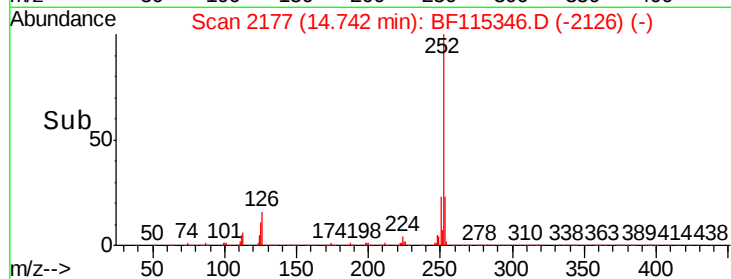
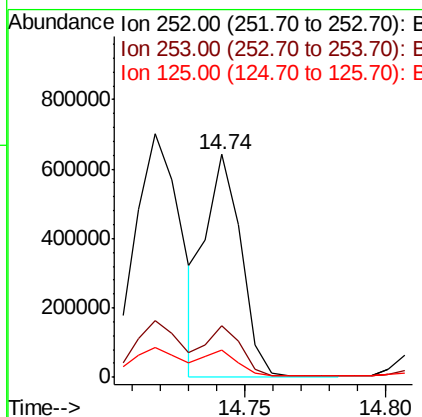
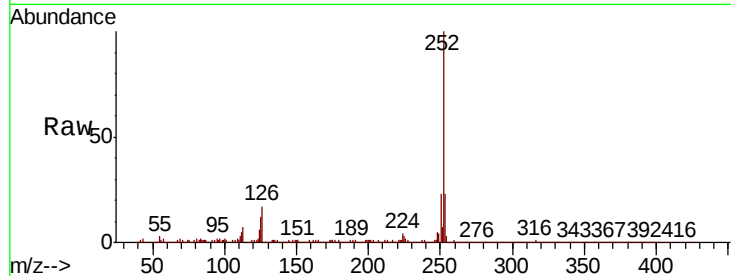
#89
Benzo(k)fluoranthene
Concen: 26.445 ng
RT: 14.74 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.9	28.3
125	12.0	10.2	15.2

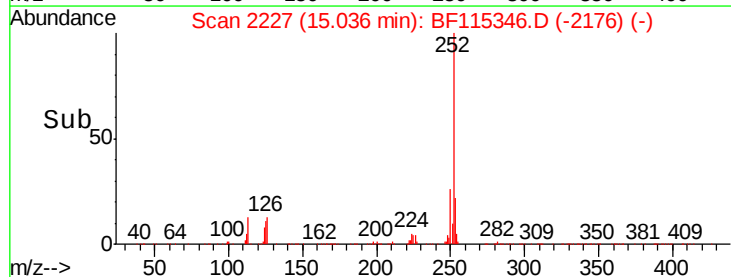
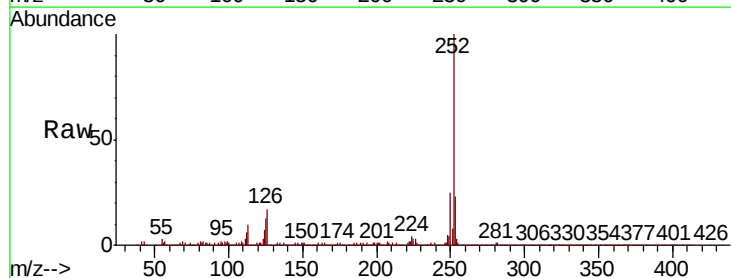
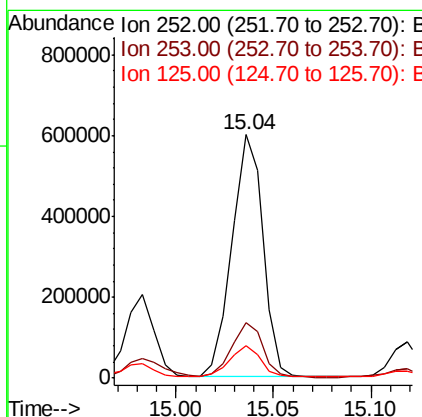
Manual Integrations
APPROVED

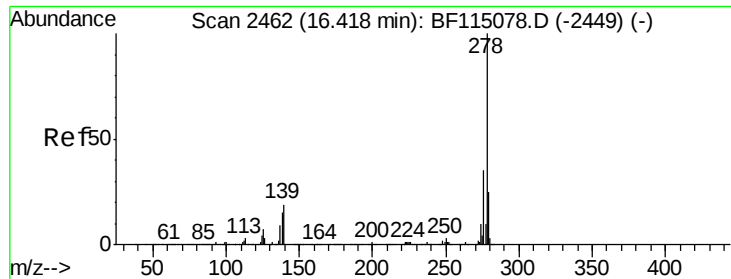
mohammad
7/2/2019 2:53:47 PM



#90
Benzo(a)pyrene
Concen: 31.247 ng
RT: 15.04 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	13.3	10.9	16.3





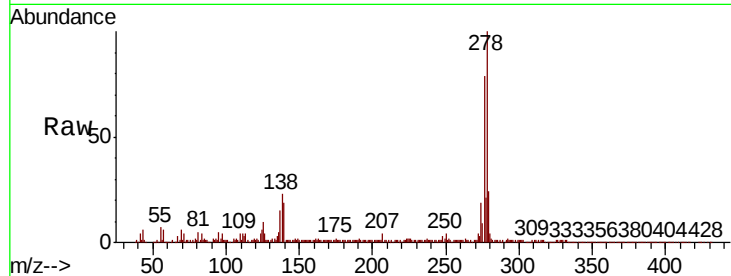
#91
Dibenzo(a,h)anthracene
Concen: 17.647 ng
RT: 16.38 min Scan# 2455
Delta R.T. 0.01 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.4	23.2
279	23.6	19.9	29.9

Manual Integrations
APPROVED

mohammad
7/2/2019 2:53:47 PM

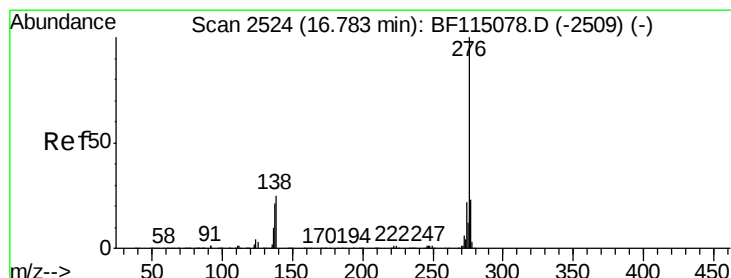
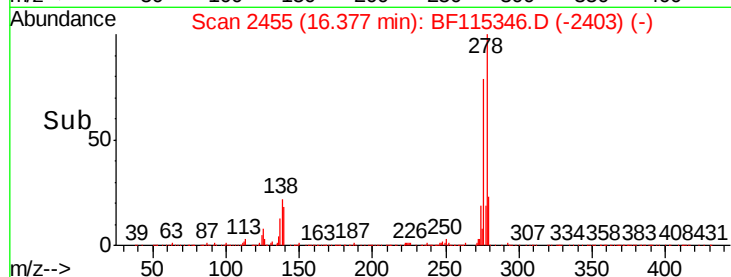
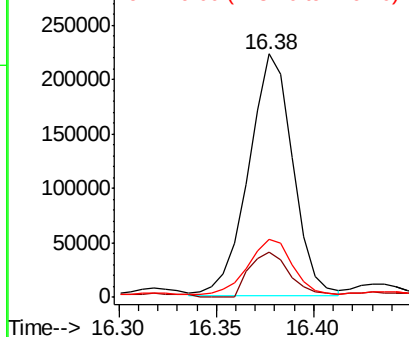


Abundance

Ion 278.00 (277.70 to 278.70): E

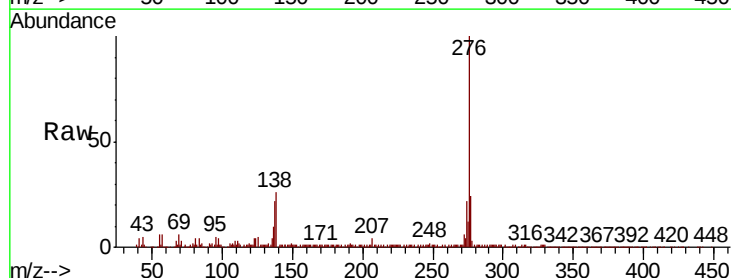
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 22.248 ng
RT: 16.74 min Scan# 2517
Delta R.T. 0.01 min
Lab File: BF115346.D
Acq: 1 Jul 2019 18:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	25.7	19.8	29.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

