

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
 Data File : BF115347.D
 Acq On : 1 Jul 2019 19:14
 Operator : HP/JU
 Sample : K3606-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

Manual Integrations
 APPROVED

mohammad
 7/2/2019 2:53:50 PM

Quant Time: Jul 02 09:17:52 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	191017	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	742243	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	356334	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	675938	20.00	ng	0.00
76) Chrysene-d12	13.72	240	433300	20.00	ng	0.00
87) Perylene-d12	15.09	264	378730	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	624603	50.46	ng	0.00
7) Phenol-d6	6.24	99	799443	53.21	ng	0.00
23) Nitrobenzene-d5	7.16	82	464454	38.49	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	212885	56.65	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	932197	44.44	ng	0.00
79) Terphenyl-d14	12.68	244	948404	46.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.19	88	80171	13.724	ng	98
3) Pyridine	2.85	79	204292	12.407	ng	99
4) n-Nitrosodimethylamine	2.77	42	87163	13.503	ng	94
6) Aniline	6.26	93	193962	9.393	ng	# 84
8) 2-Chlorophenol	6.38	128	231247	16.614	ng	99
9) Benzaldehyde	6.14	77	130339	13.297	ng	98
10) Phenol	6.25	94	280715	15.951	ng	96
11) bis(2-Chloroethyl)ether	6.34	93	208175	16.047	ng	98
12) 1,3-Dichlorobenzene	6.54	146	250996	16.249	ng	98
13) 1,4-Dichlorobenzene	6.62	146	257371	16.615	ng	99
14) 1,2-Dichlorobenzene	6.77	146	240954	16.797	ng	99
15) Benzyl Alcohol	6.74	79	173803	15.887	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	288632	15.340	ng	98
17) 2-Methylphenol	6.87	107	187045	16.281	ng	99
18) Hexachloroethane	7.11	117	66310	11.874	ng	95
19) n-Nitroso-di-n-propylamine	7.02	70	147963	15.383	ng	99
20) 3+4-Methylphenols	7.02	107	236291	17.812	ng	# 77
22) Acetophenone	7.01	105	312310	18.379	ng	# 95
24) Nitrobenzene	7.18	77	224090	16.858	ng	97
25) Isophorone	7.42	82	402630	16.289	ng	99
26) 2-Nitrophenol	7.50	139	91482	13.936	ng	97
27) 2,4-Dimethylphenol	7.55	122	201432	18.741	ng	98
28) bis(2-Chloroethoxy)methane	7.64	93	258661	16.557	ng	99
29) 2,4-Dichlorophenol	7.74	162	191638	17.277	ng	98
30) 1,2,4-Trichlorobenzene	7.83	180	210812	17.206	ng	99
31) Naphthalene	7.91	128	703465	19.307	ng	97
32) Benzoic acid	7.65	122	6067m	0.791	ng	
33) 4-Chloroaniline	7.95	127	206899	12.425	ng	99
34) Hexachlorobutadiene	8.03	225	113507	16.906	ng	98
35) Caprolactam	8.29	113	59396	15.927	ng	98
36) 4-Chloro-3-methylphenol	8.44	107	191358	17.035	ng	98
37) 2-Methylnaphthalene	8.60	142	455935	18.559	ng	98
38) 1-Methylnaphthalene	8.70	142	422446	18.005	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	198623	19.725	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	35118	5.882	nq	97
43) 2,4,6-Trichlorophenol	8.88	196	134018	17.239	nq	98
44) 2,4,5-Trichlorophenol	8.91	196	144277	18.022	nq	98
46) 1,1'-Biphenyl	9.06	154	532748	18.685	nq	97
47) 2-Chloronaphthalene	9.08	162	410838	17.764	nq	99
48) 2-Nitroaniline	9.17	65	130024	19.284	nq	94
49) Acenaphthylene	9.49	152	706336	19.602	nq	98
50) Dimethylphthalate	9.36	163	576356	21.985	nq	98
51) 2,6-Dinitrotoluene	9.41	165	90150	14.895	nq	97
52) Acenaphthene	9.66	154	398046	17.653	nq	99
53) 3-Nitroaniline	9.58	138	131371	17.786	nq	99
54) 2,4-Dinitrophenol	9.69	184	3193	8.275	nq #	67
55) Dibenzofuran	9.83	168	594739	18.378	nq	98
56) 4-Nitrophenol	9.74	139	170681	28.824	nq	97
57) 2,4-Dinitrotoluene	9.81	165	107633	13.773	nq #	91
58) Fluorene	10.17	166	455704	17.060	nq	99
59) 2,3,4,6-Tetrachlorophenol	9.95	232	113568	16.918	nq	99
60) Diethylphthalate	10.06	149	464229	17.616	nq	99
61) 4-Chlorophenyl-phenylether	10.17	204	207079	15.811	nq	99
62) 4-Nitroaniline	10.18	138	140464	18.957	nq	99
63) Azobenzene	10.33	77	409713	16.645	nq	98
65) 4,6-Dinitro-2-methylphenol	10.22	198	6121	6.486	nq	84
66) n-Nitrosodiphenylamine	10.28	169	389177	18.481	nq	99
67) 4-Bromophenyl-phenylether	10.65	248	130855	17.856	nq	99
68) Hexachlorobenzene	10.72	284	141364	17.771	nq	94
69) Atrazine	10.81	200	123360	18.210	nq	97
70) Pentachlorophenol	10.91	266	143752	28.366	nq	97
71) Phenanthrene	11.13	178	1120356	30.785	nq	99
72) Anthracene	11.18	178	809977	22.048	nq	98
73) Carbazole	11.33	167	634319	19.336	nq	98
74) Di-n-butylphthalate	11.68	149	714619	18.852	nq	100
75) Fluoranthene	12.31	202	1513785	41.689	nq	99
77) Benzidine	12.43	184	238076	12.374	nq	99
78) Pyrene	12.54	202	1480823	44.470	nq	100
80) Butylbenzylphthalate	13.17	149	331907	22.586	nq	95
81) Benzo(a)anthracene	13.72	228	962326	30.952	nq	99
82) 3,3'-Dichlorobenzidine	13.68	252	182428	16.248	nq	99
83) Chrysene	13.75	228	899022	31.567	nq	98
84) Bis(2-ethylhexyl)phthalate	13.74	149	418064	21.711	nq #	100
85) Di-n-octyl phthalate	14.34	149	606496	18.746	nq	99
86) Indeno(1,2,3-cd)pyrene	16.37	276	528642	15.687	nq	97
88) Benzo(b)fluoranthene	14.72	252	809950	34.274	nq	98
89) Benzo(k)fluoranthene	14.74	252	548388	25.876	nq	98
90) Benzo(a)pyrene	15.04	252	663896	31.169	nq	99
91) Dibenzo(a,h)anthracene	16.38	278	346006	17.401	nq	99
92) Benzo(g,h,i)perylene	16.75	276	449458	22.333	nq	98

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

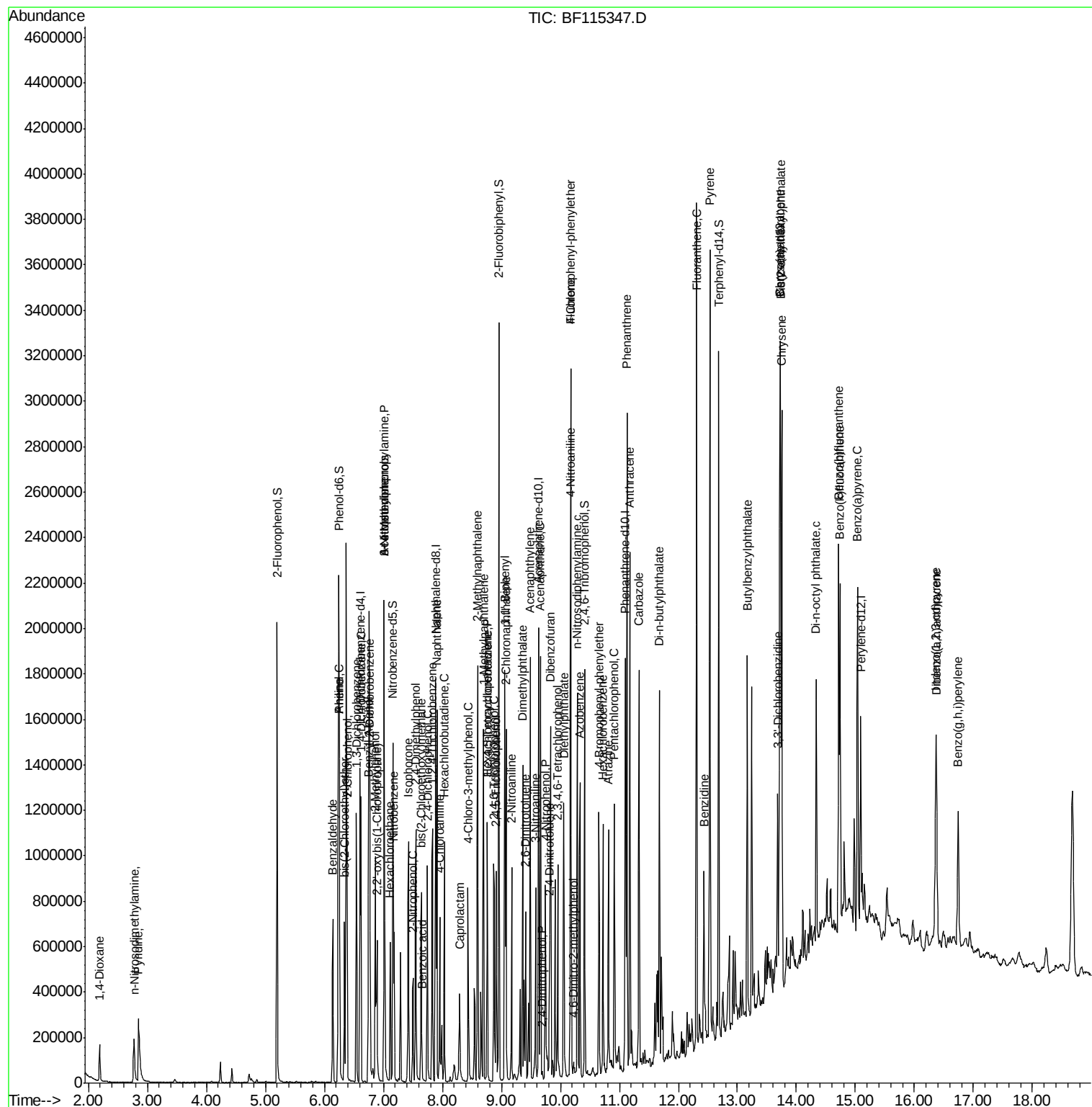
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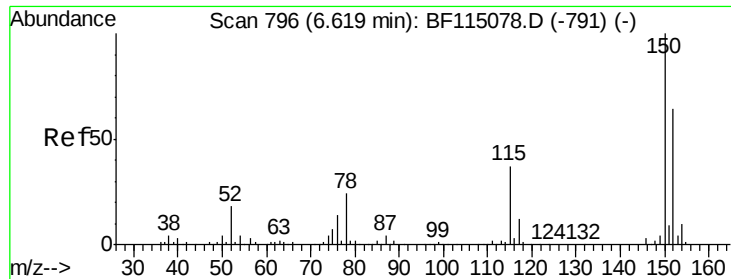
Instrument :
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#1

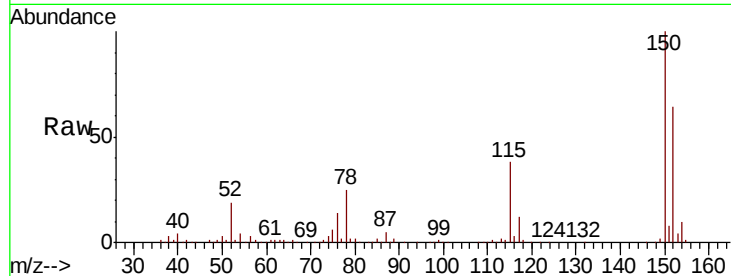
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.2	186.2
115	59.5	46.1	69.1

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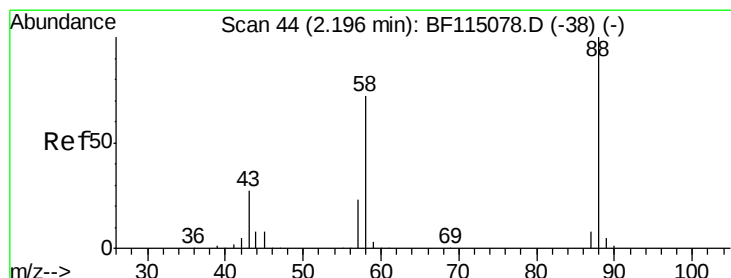
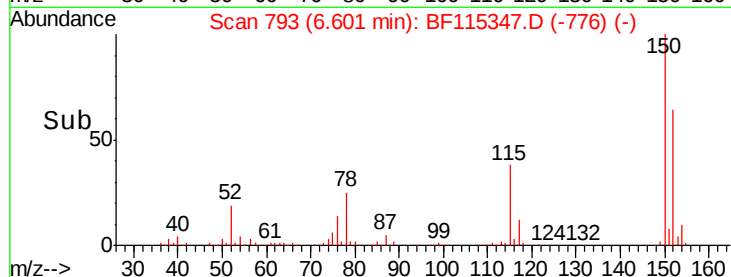
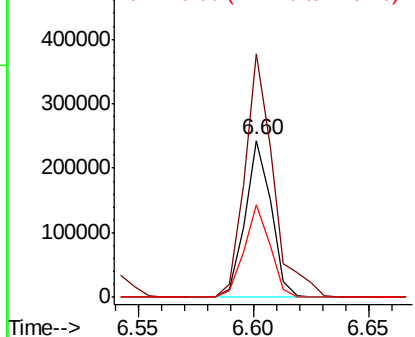


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

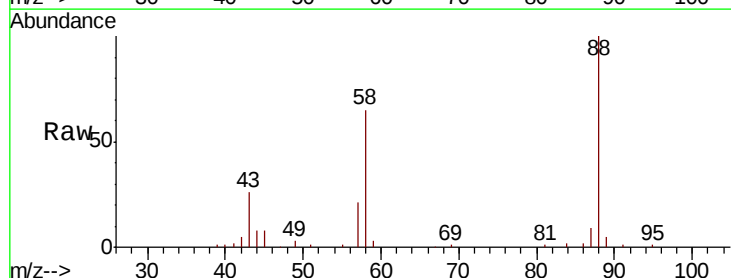
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 13.724 ng
RT: 2.19 min Scan# 43
Delta R.T. 0.04 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.3	56.1	84.1
43	26.1	21.3	31.9

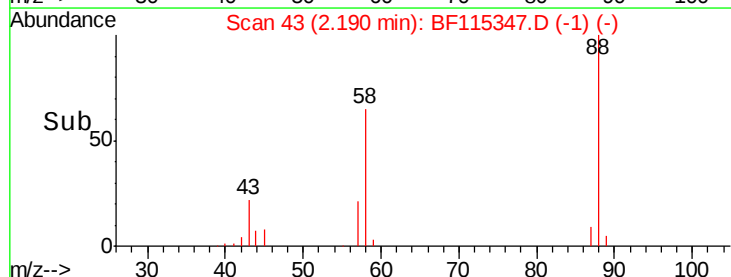
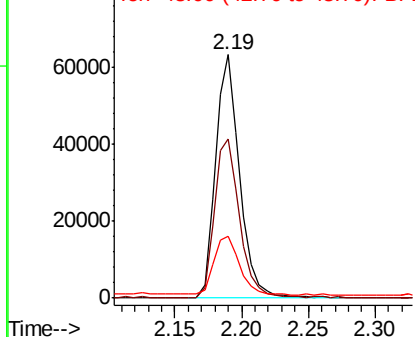


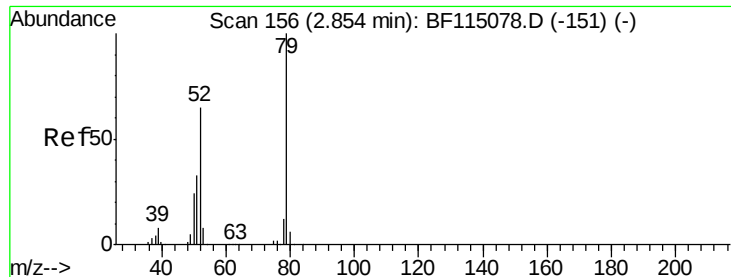
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 12.407 ng

RT: 2.85 min Scan# 155

Delta R.T. 0.05 min

Lab File: BF115347.D

Acq: 1 Jul 2019 19:14

Instrument :

BNA_F

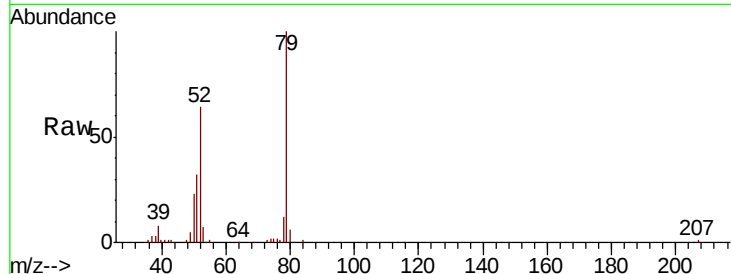
ClientSampleId :

HJDC-COMP-1MSD

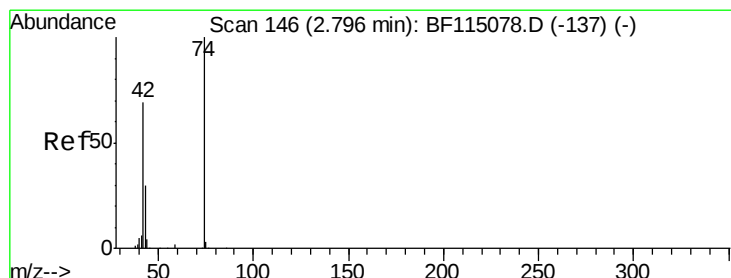
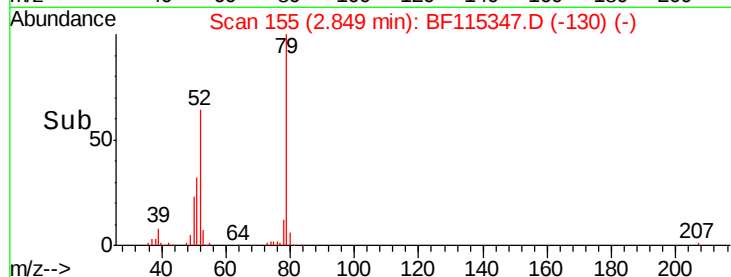
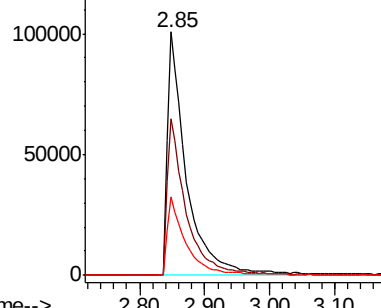
Tot Ion:	79	Resp:	204292
Ion Ratio	Lower	Upper	
79	100		
52	64.1	52.3	78.5
51	32.2	26.1	39.1

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 13.503 ng

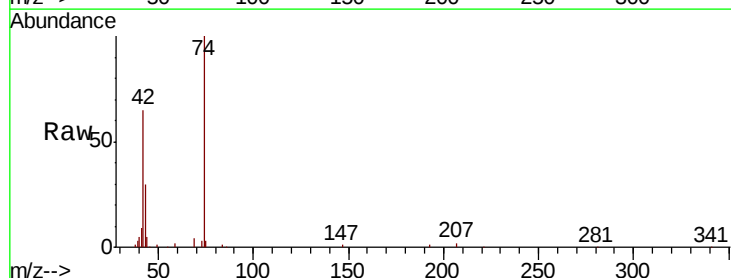
RT: 2.77 min Scan# 142

Delta R.T. 0.02 min

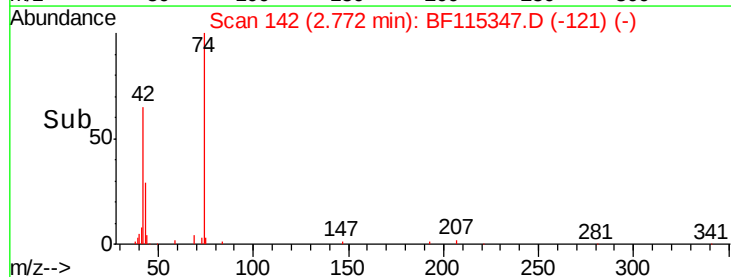
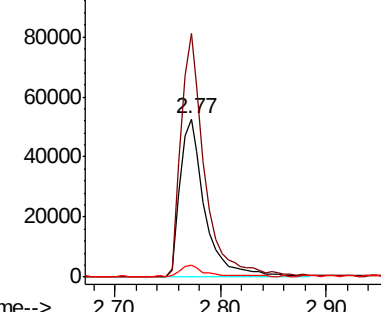
Lab File: BF115347.D

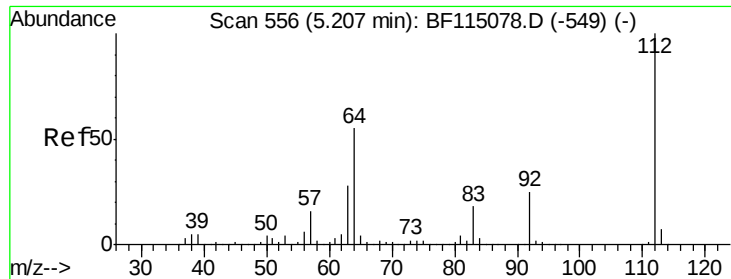
Acq: 1 Jul 2019 19:14

Tgt Ion:	42	Resp:	87163
Ion Ratio	Lower	Upper	
42	100		
74	153.9	116.6	175.0
44	7.4	5.3	7.9



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 50.460 ng

RT: 5.20 min Scan# 554

Delta R.T. 0.01 min

Lab File: BF115347.D

Acq: 1 Jul 2019 19:14

Instrument :

BNA_F

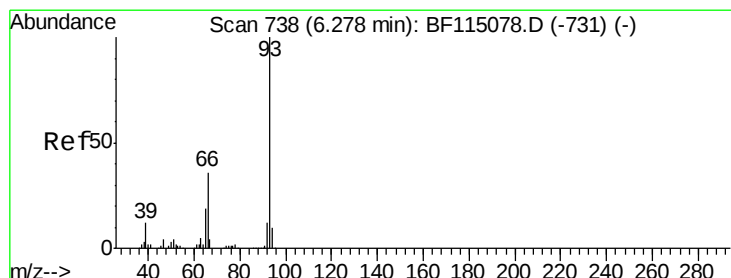
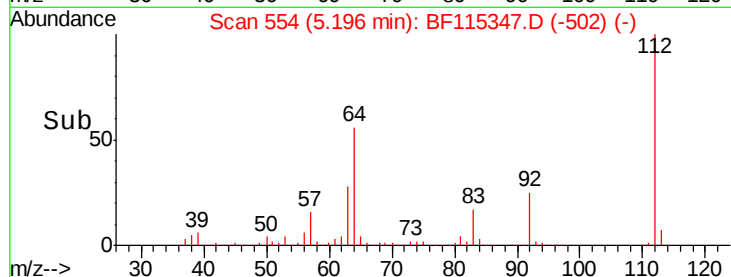
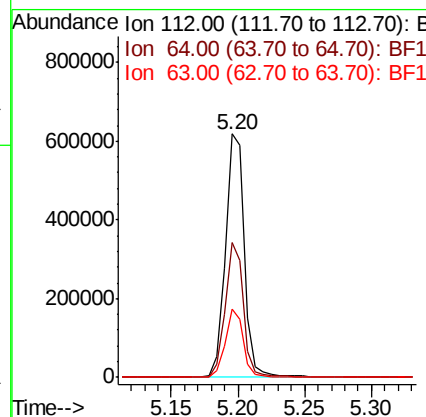
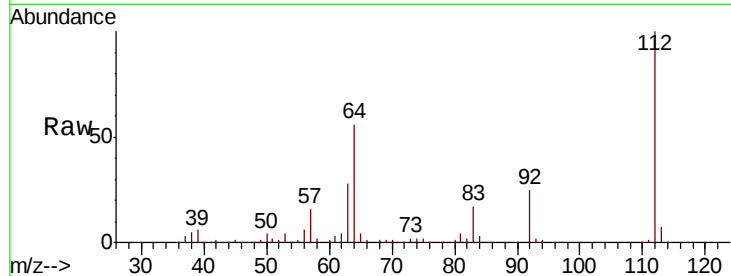
ClientSampleId :

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Tot Ion:	112	Resp:	624603
Ion Ratio	Lower	Upper	
112	100		
64	55.6	43.8	65.6
63	27.8	22.2	33.4

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#6

Aniline

Concen: 9.393 ng

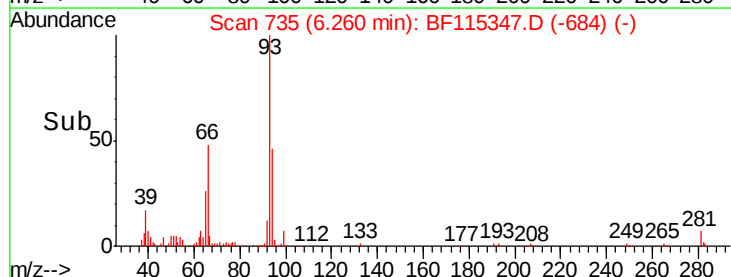
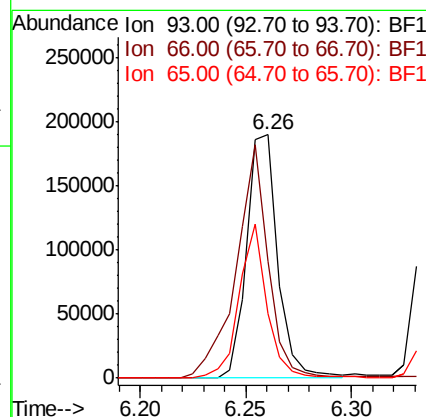
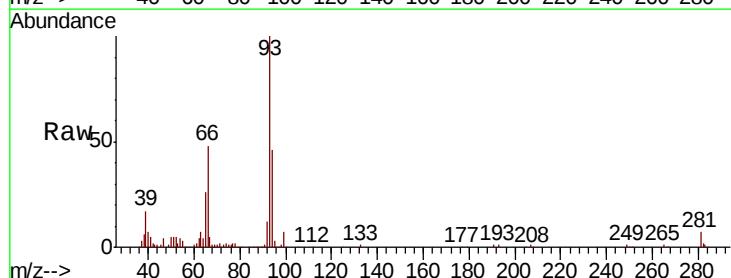
RT: 6.26 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF115347.D

Acq: 1 Jul 2019 19:14

Tgt Ion:	93	Resp:	193962
Ion Ratio	Lower	Upper	
93	100		
66	47.8	30.0	45.0#
65	26.4	15.6	23.4#





#7

Phenol-d6

Concen: 53.211 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115347.D

Acq: 1 Jul 2019 19:14

Instrument :

BNA_F

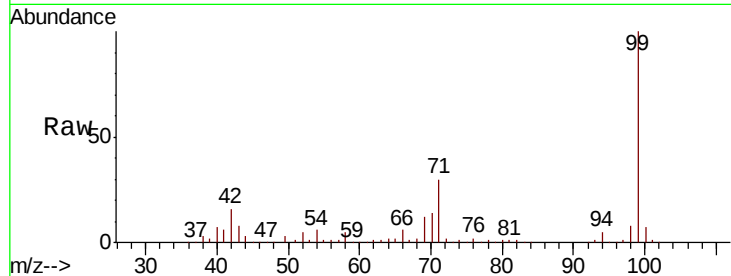
ClientSampleId :

HJDC-COMP-1MSD

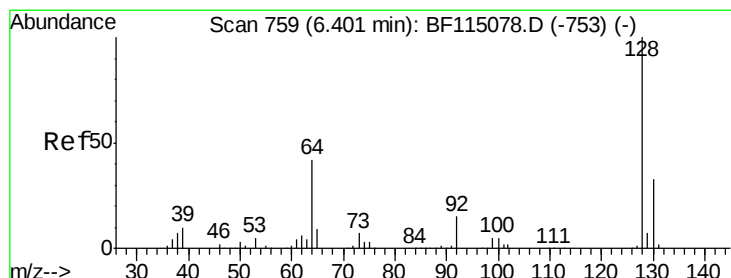
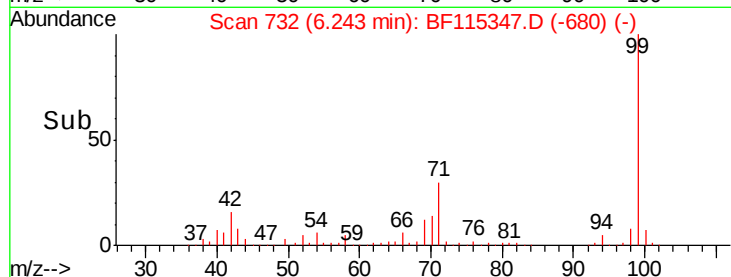
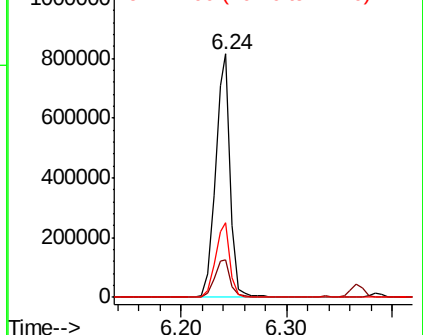
Tot Ion:	99	Resp:	799443
Ion Ratio	Lower	Upper	
99	100		
42	15.5	13.6	20.4
71	30.5	25.5	38.3

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



#8

2-Chlorophenol

Concen: 16.614 ng

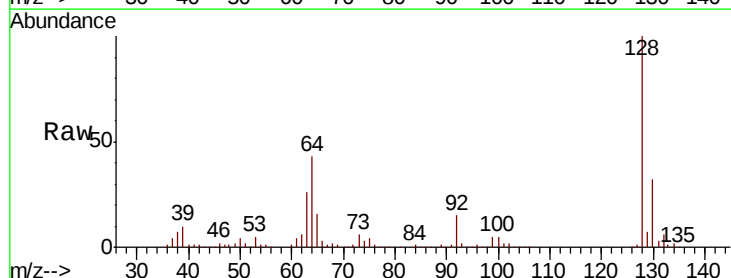
RT: 6.38 min Scan# 756

Delta R.T. 0.00 min

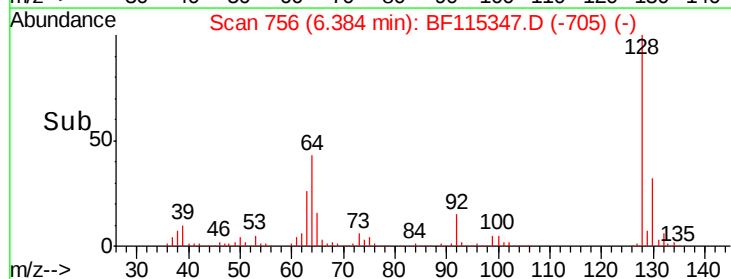
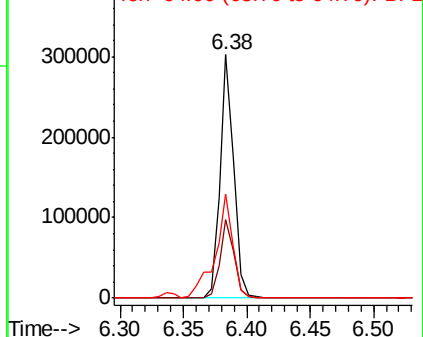
Lab File: BF115347.D

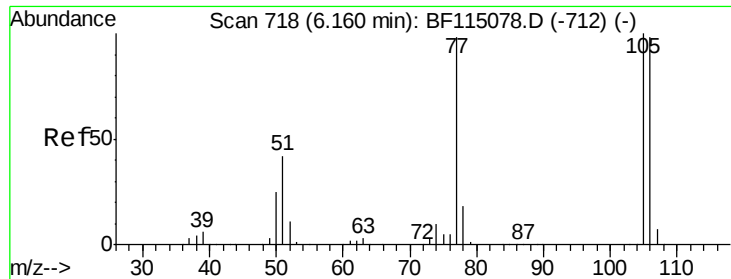
Acq: 1 Jul 2019 19:14

Tgt Ion:	128	Resp:	231247
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.9	52.9
64	42.6	22.9	62.9



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





#9

Benzaldehyde

Concen: 13.297 ng

RT: 6.14 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF115347.D

Acq: 1 Jul 2019 19:14

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MSD

Tot Ion: 77 Resp: 130339

Ion Ratio Lower Upper

77 100

105 103.4 81.5 121.5

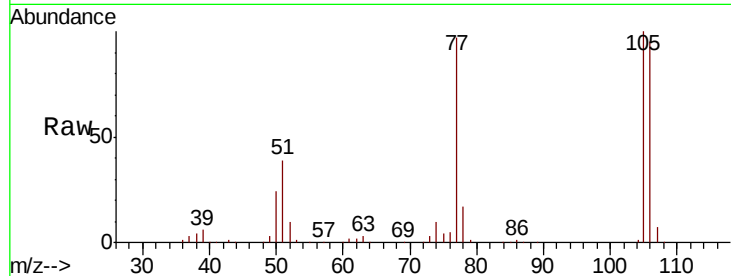
106 98.5 79.7 119.7

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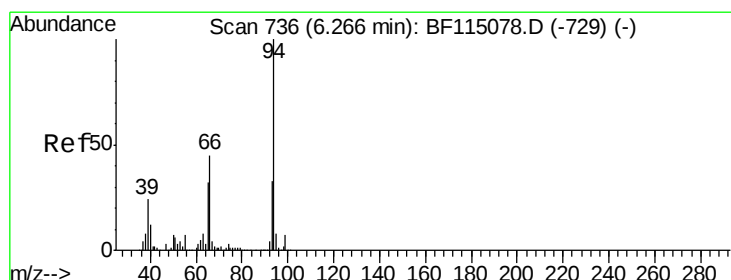
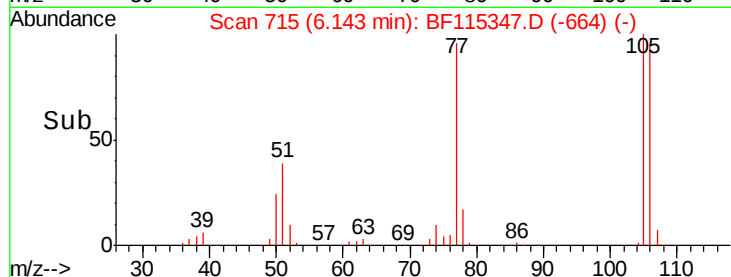
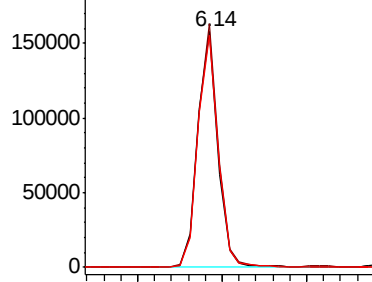


Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 15.951 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115347.D

Acq: 1 Jul 2019 19:14

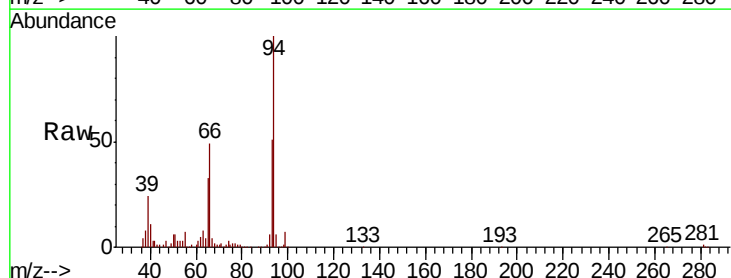
Tgt Ion: 94 Resp: 280715

Ion Ratio Lower Upper

94 100

65 32.7 11.9 51.9

66 49.3 25.2 65.2

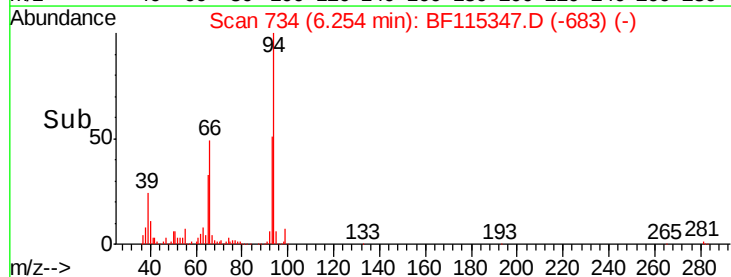
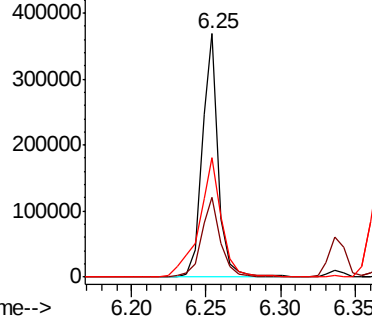


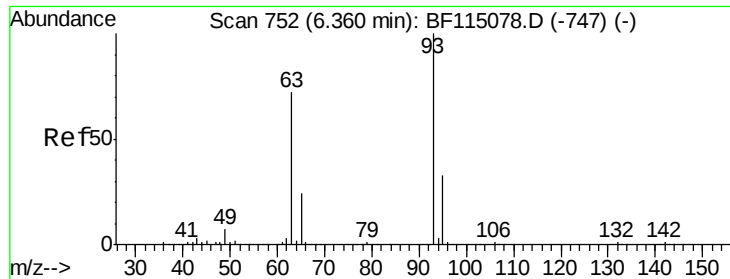
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 16.047 ng

RT: 6.34 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF115347.D

Acq: 1 Jul 2019 19:14

Instrument :

BNA_F

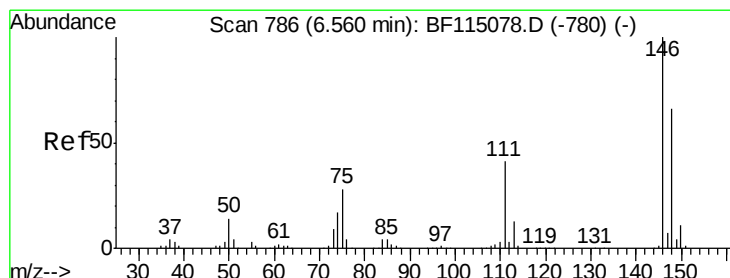
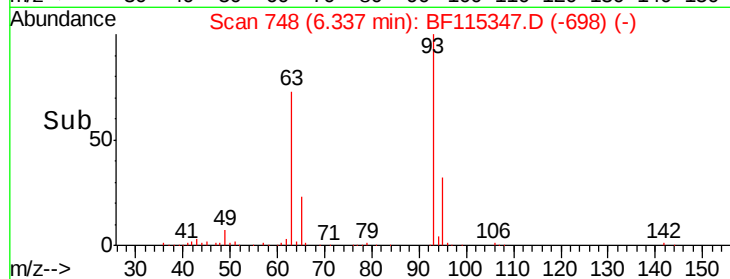
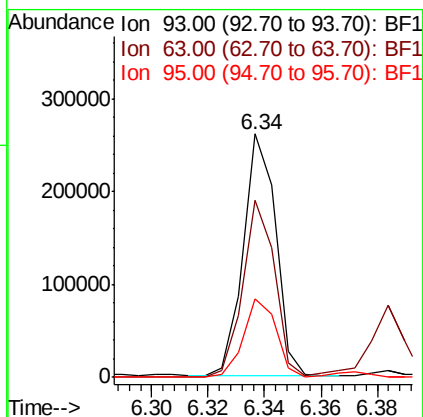
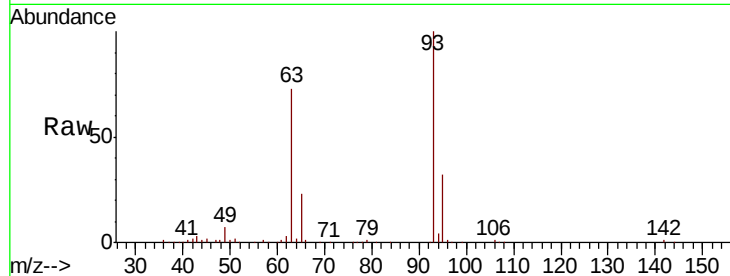
ClientSampleId :

HJDC-COMP-1MSD

Tot Ion:	93	Resp:	208175
Ion Ratio	Lower	Upper	
93	100		
63	72.9	51.5	91.5
95	32.2	13.4	53.4

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#12

1,3-Dichlorobenzene

Concen: 16.249 ng

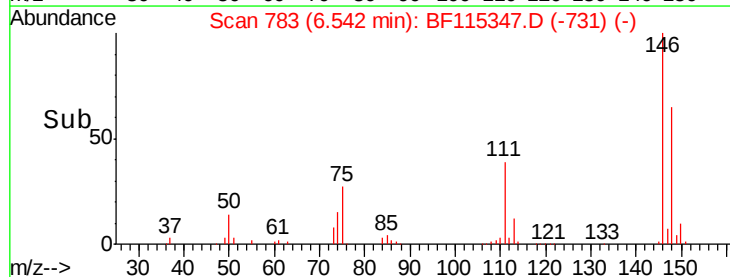
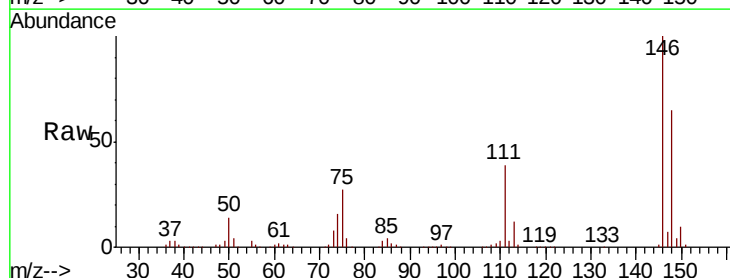
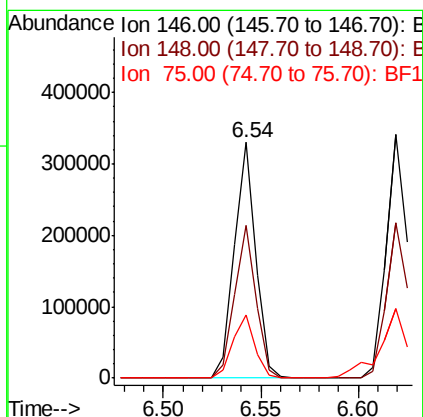
RT: 6.54 min Scan# 783

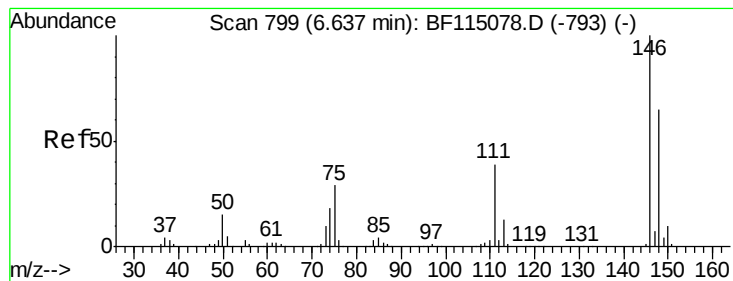
Delta R.T. 0.01 min

Lab File: BF115347.D

Acq: 1 Jul 2019 19:14

Tgt Ion:	146	Resp:	250996
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.6	78.8
75	27.0	22.6	34.0





#13

1,4-Dichlorobenzene

Concen: 16.615 ng

RT: 6.62 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF115347.D

Acq: 1 Jul 2019 19:14

Instrument :

BNA_F

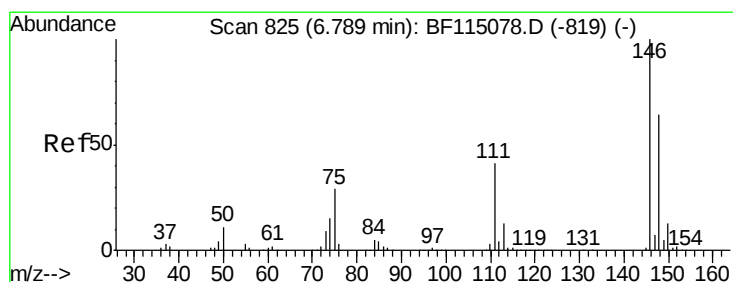
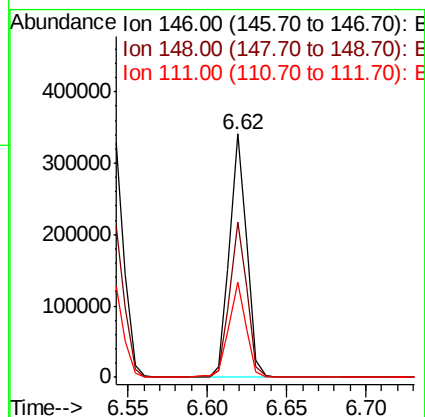
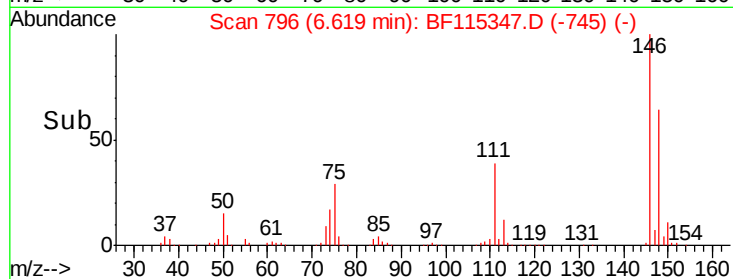
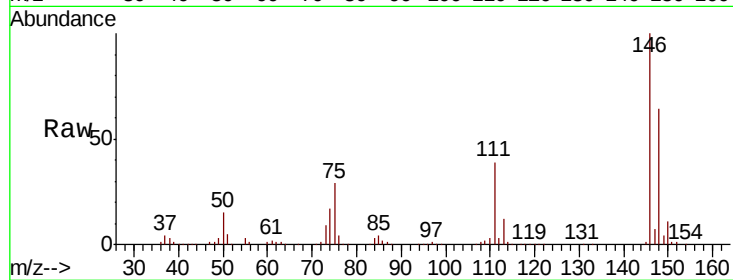
ClientSampleId :

HJDC-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.9	77.9
111	38.8	31.4	47.0

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 16.797 ng

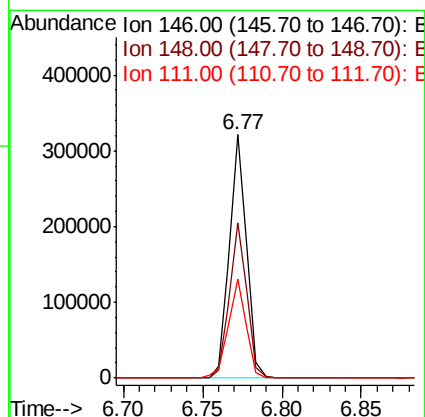
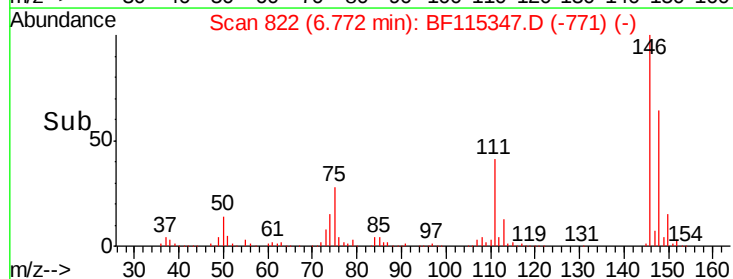
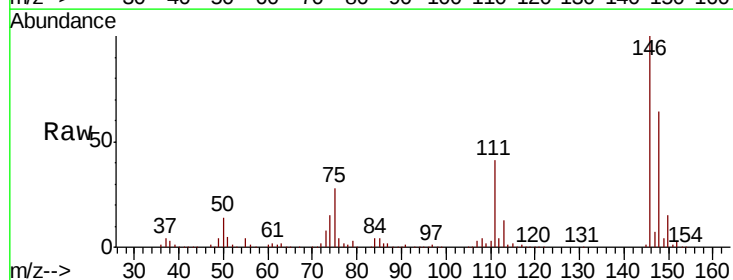
RT: 6.77 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF115347.D

Acq: 1 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.1	76.7
111	40.6	33.2	49.8





#15

Benzyl Alcohol

Concen: 15.887 ng

RT: 6.74 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF115347.D

Acq: 1 Jul 2019 19:14

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MSD

Tot Ion: 79 Resp: 173803

Ion Ratio Lower Upper

79 100

108 84.7 68.7 103.1

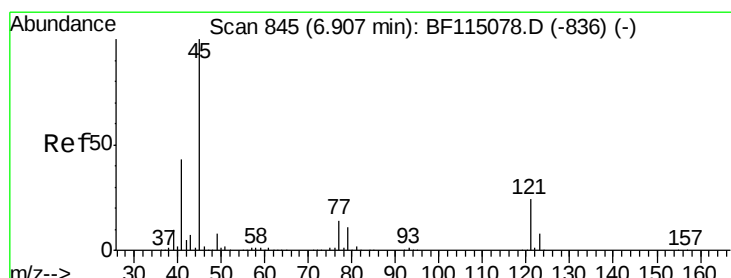
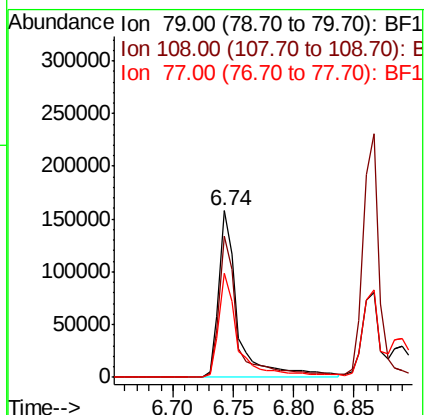
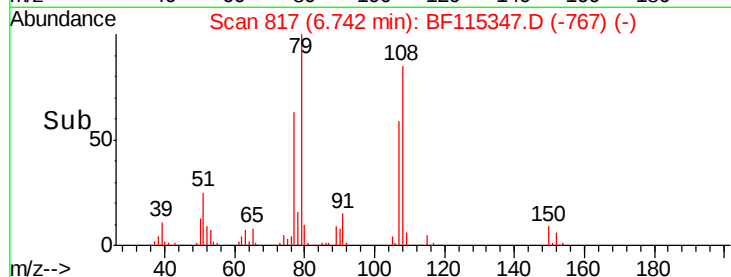
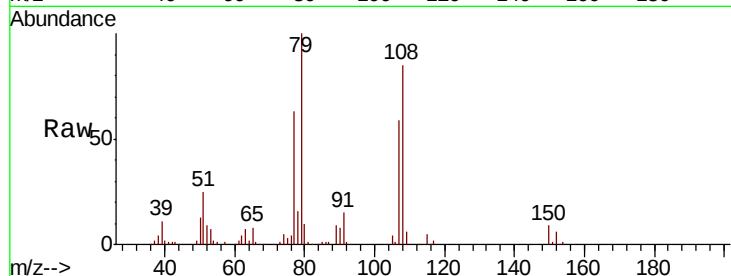
77 62.9 51.7 77.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 15.340 ng

RT: 6.89 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF115347.D

Acq: 1 Jul 2019 19:14

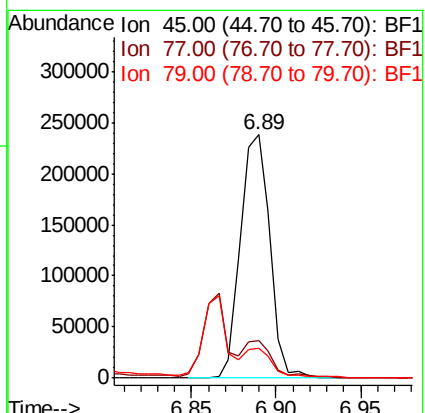
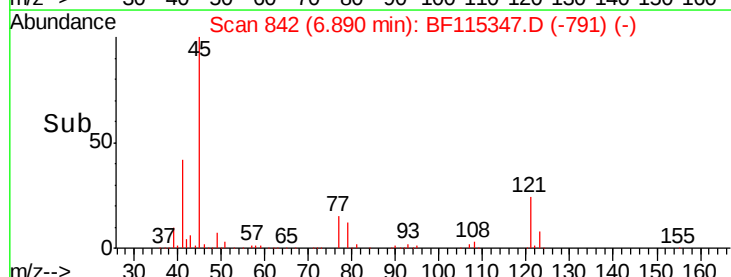
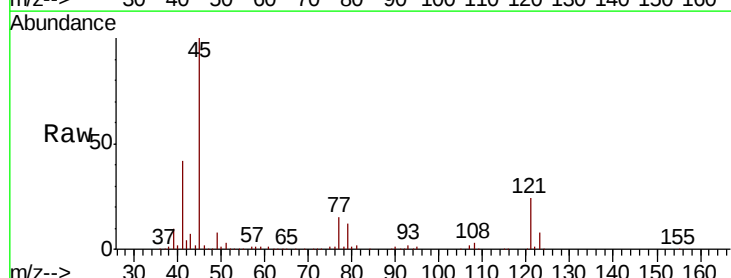
Tgt Ion: 45 Resp: 288632

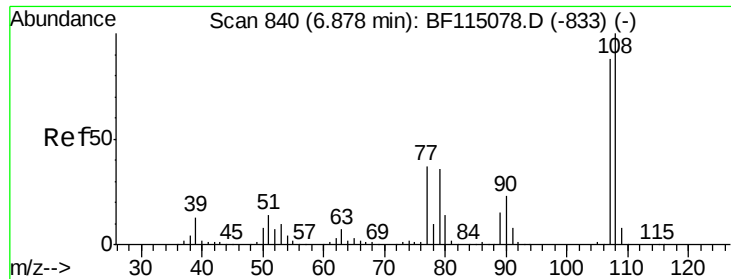
Ion Ratio Lower Upper

45 100

77 15.4 0.0 34.6

79 12.3 0.0 31.2





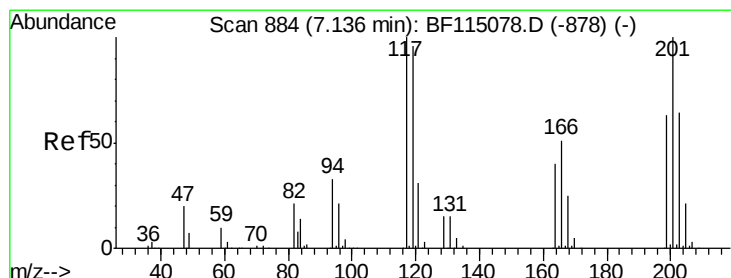
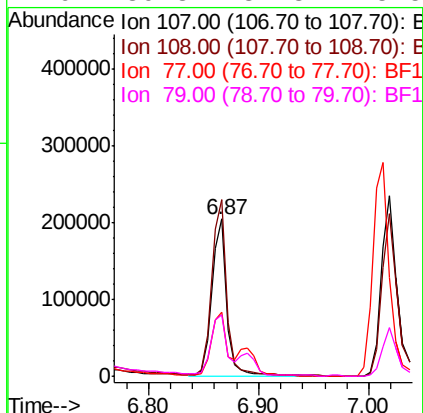
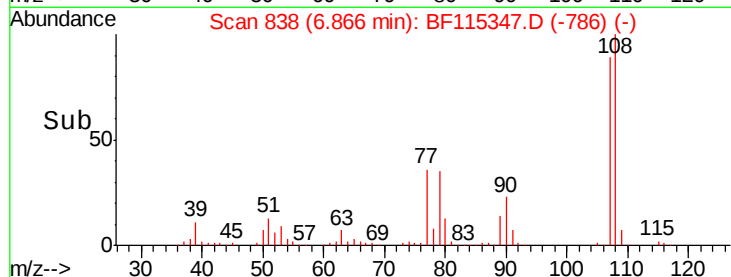
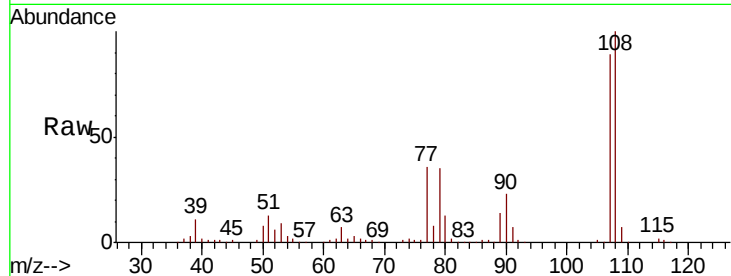
#17
2-Methylphenol
Concen: 16.281 ng
RT: 6.87 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.9	136.3
77	40.4	33.4	50.2
79	39.3	32.3	48.5

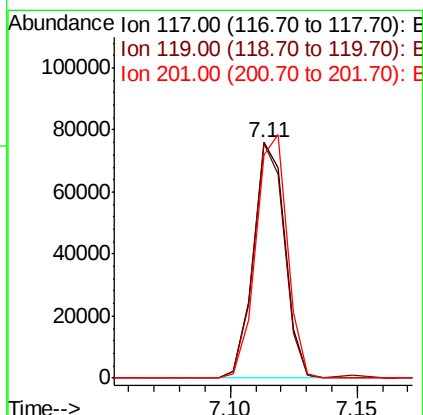
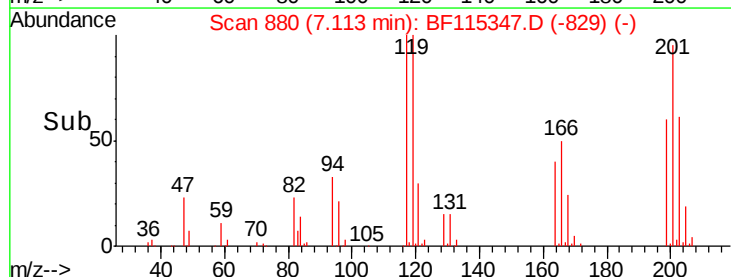
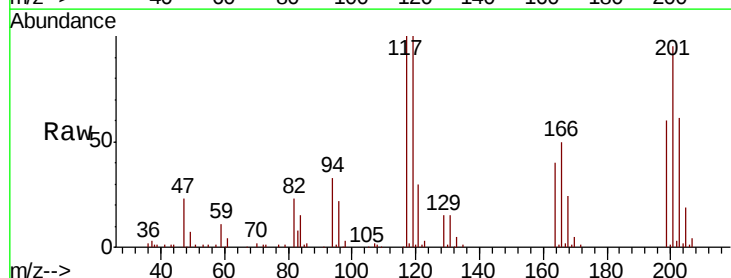
Manual Integrations
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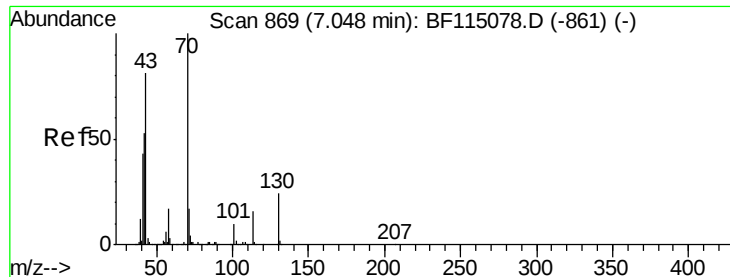
mohammad
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#18
Hexachloroethane
Concen: 11.874 ng
RT: 7.11 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.5	76.6	114.8
201	94.7	80.2	120.2





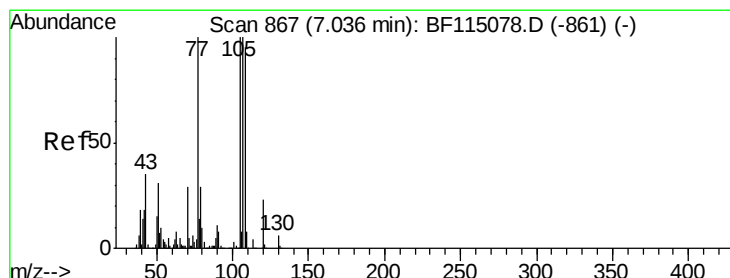
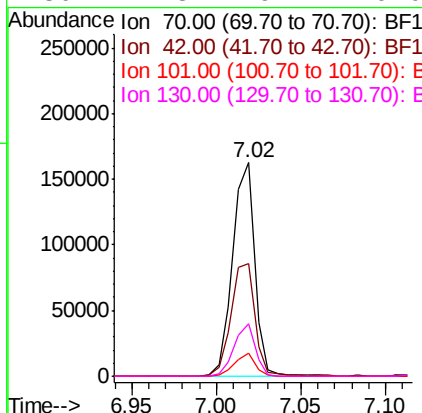
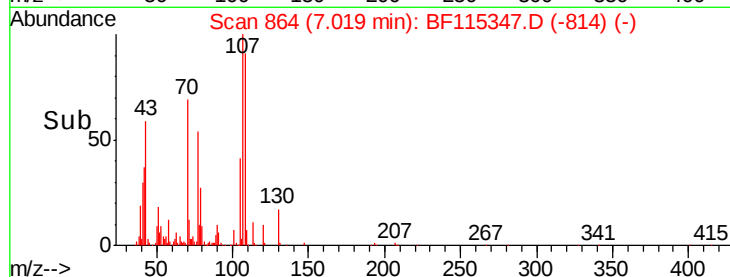
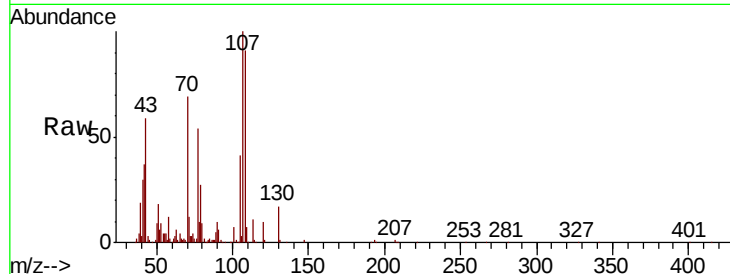
#19
n-Nitroso-di-n-propylamine
Concen: 15.383 ng
RT: 7.02 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.0	42.6	63.8	
101	10.5	8.0	12.0	
130	24.8	19.4	29.0	

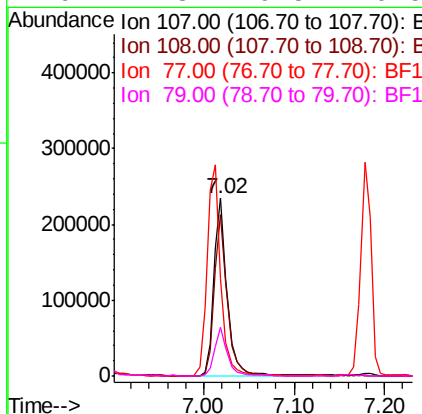
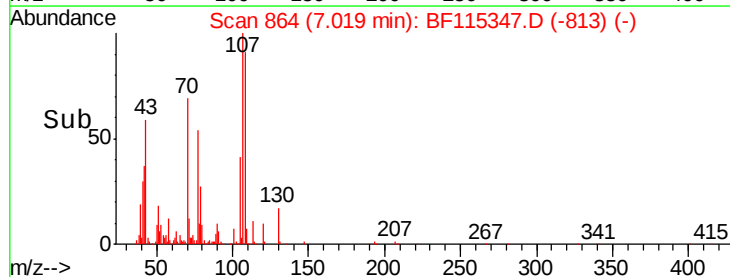
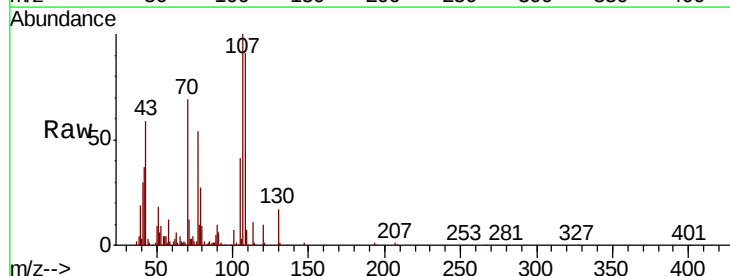
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#20
3+4-Methylphenols
Concen: 17.812 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.5	75.5	115.5	
77	54.5	80.2	120.2	
79	27.3	9.5	49.5	





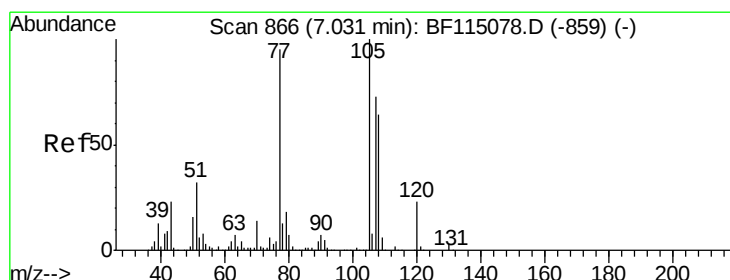
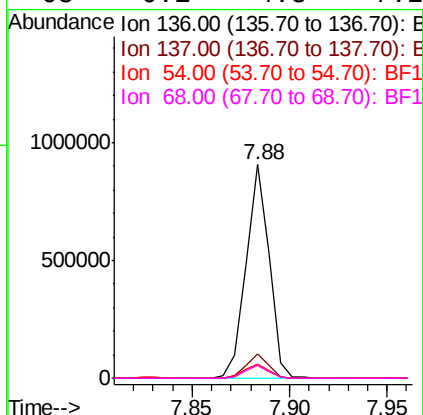
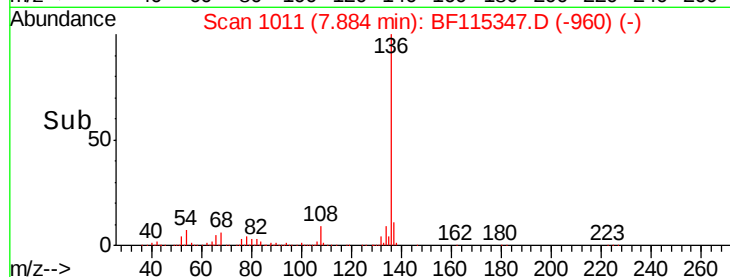
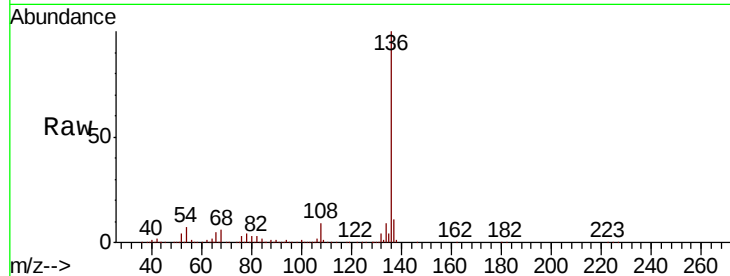
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		742243		
137	11.3		8.9	13.3	
54	6.8		5.6	8.4	
68	6.1		4.8	7.2	

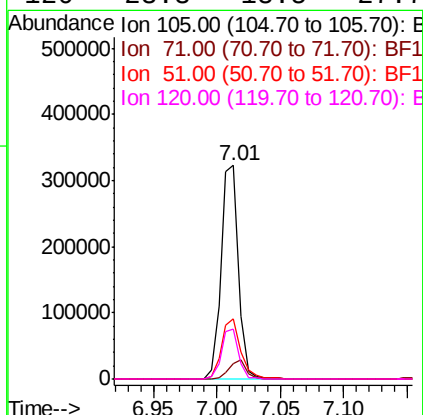
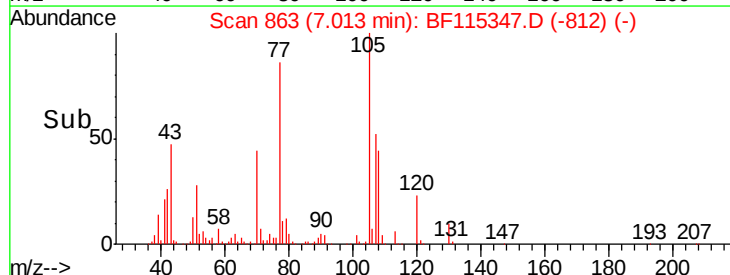
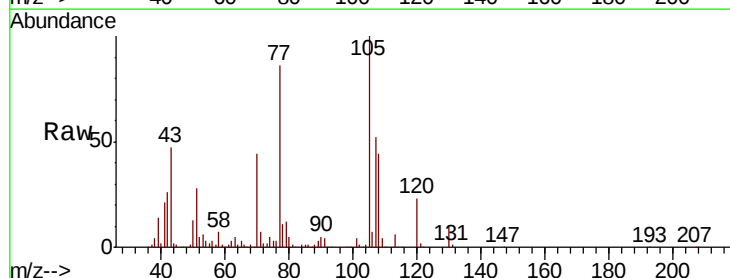
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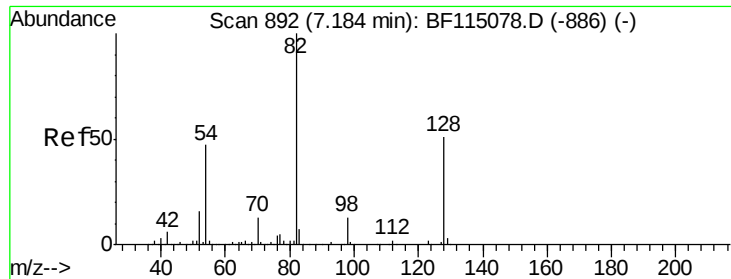
mohammad
7/2/2019 2:53:50 PM



#22
Acetophenone
Concen: 18.379 ng
RT: 7.01 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		312310		
71	7.2		1.9	2.9#	
51	28.0		25.8	38.8	
120	23.3		18.5	27.7	





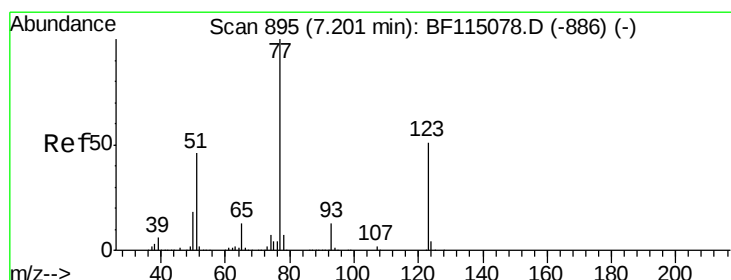
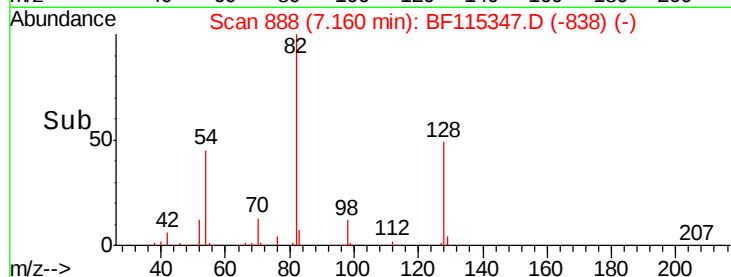
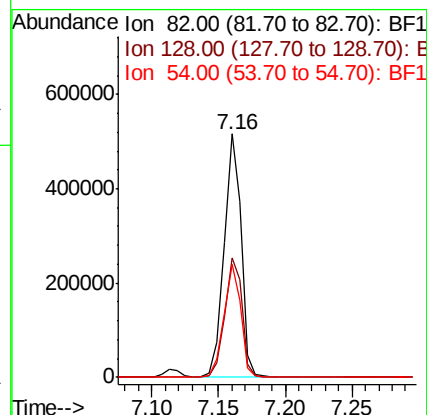
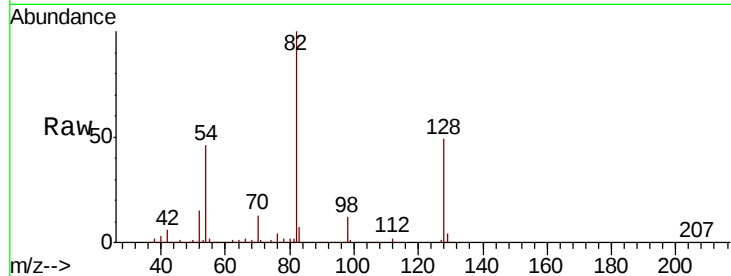
#23
 Nitrobenzene-d5
 Concen: 38.493 ng
 RT: 7.16 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF115347.D
 Acq: 1 Jul 2019 19:14

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.9	40.4	60.6
54	46.5	37.5	56.3

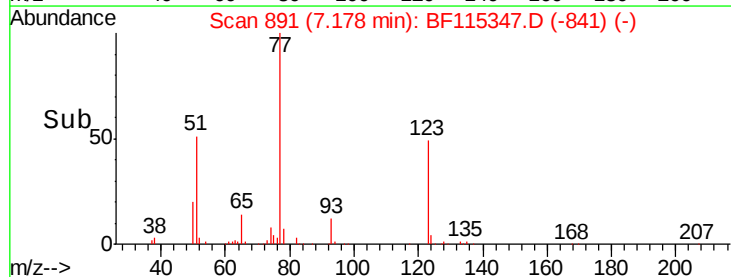
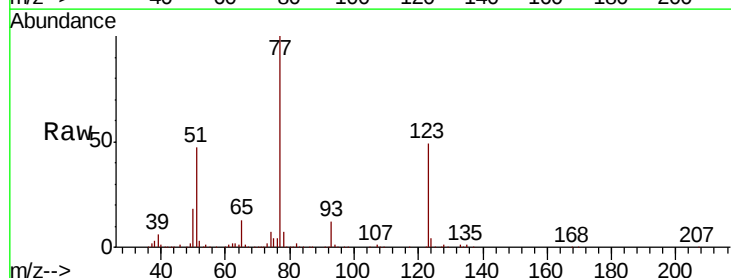
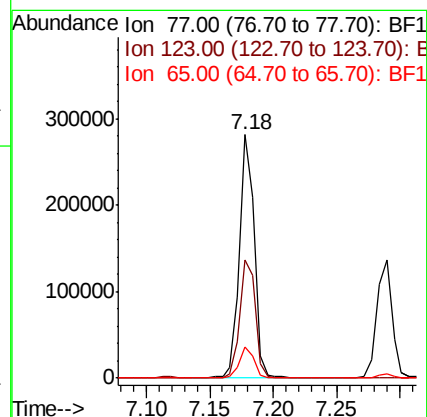
Manual Integrations
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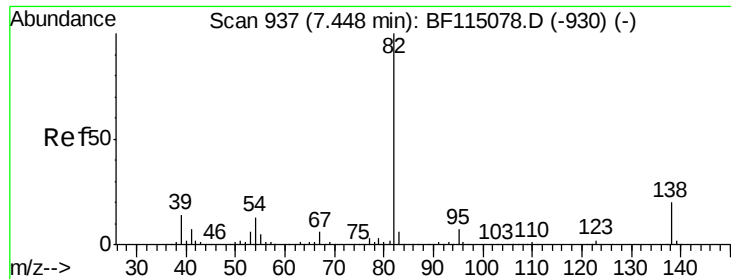
mohammad
 7/2/2019 2:53:50 PM



#24
 Nitrobenzene
 Concen: 16.858 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115347.D
 Acq: 1 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.6	41.0	61.6
65	12.7	10.5	15.7





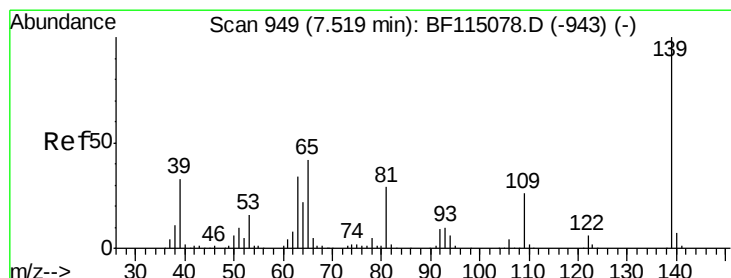
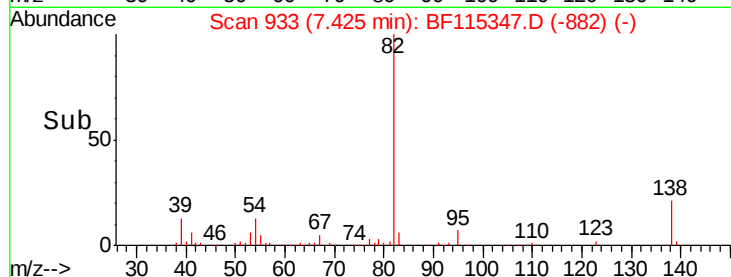
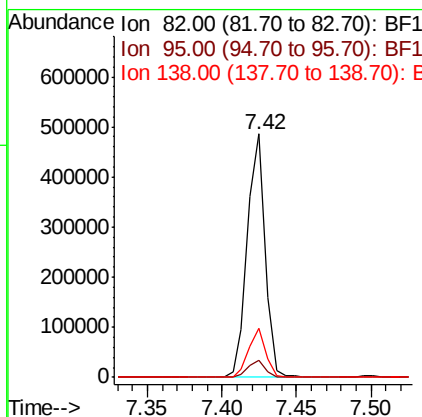
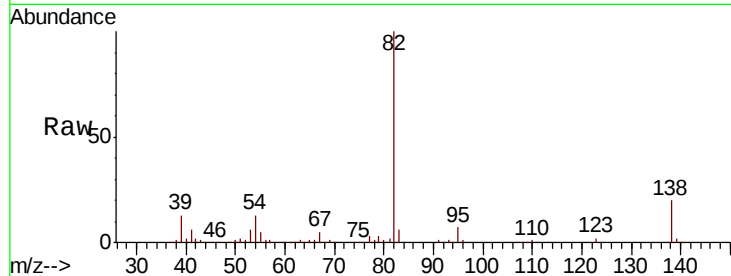
#25
Isophorone
Concen: 16.289 ng
RT: 7.42 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.2
138	20.4	15.9	23.9

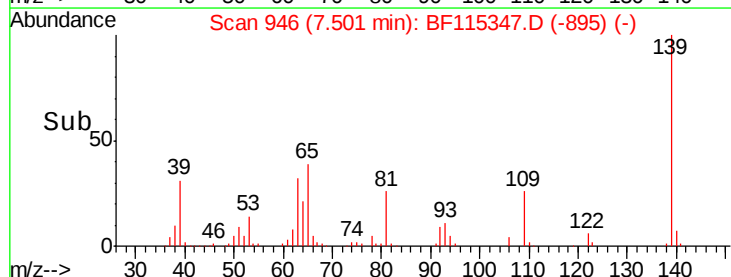
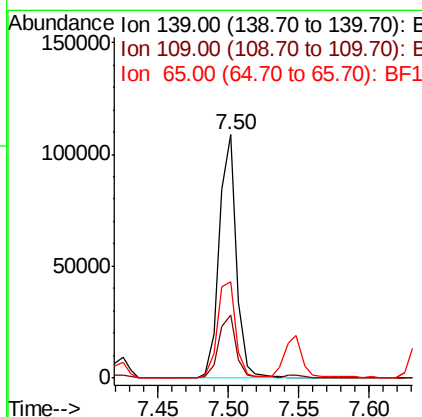
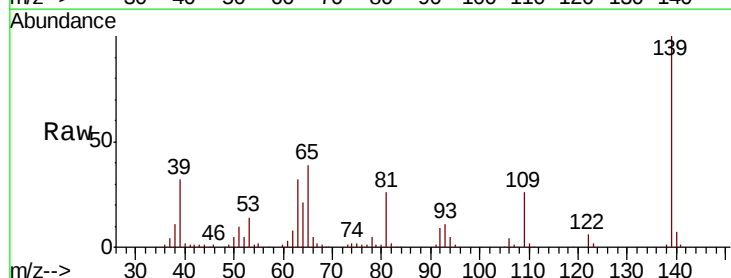
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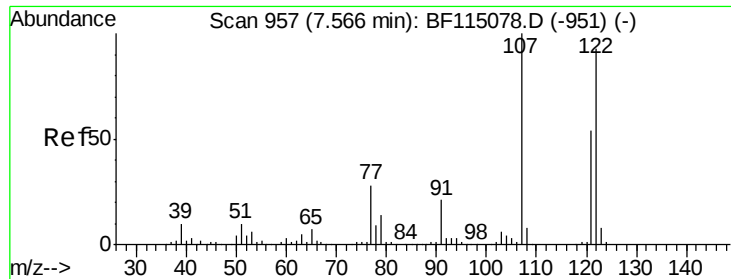
mohammad
7/2/2019 2:53:50 PM



#26
2-Nitrophenol
Concen: 13.936 ng
RT: 7.50 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	26.0	20.4	30.6
65	39.4	33.6	50.4





#27

2,4-Dimethylphenol

Concen: 18.741 ng

RT: 7.55 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF115347.D

Acq: 1 Jul 2019 19:14

Instrument :

BNA_F

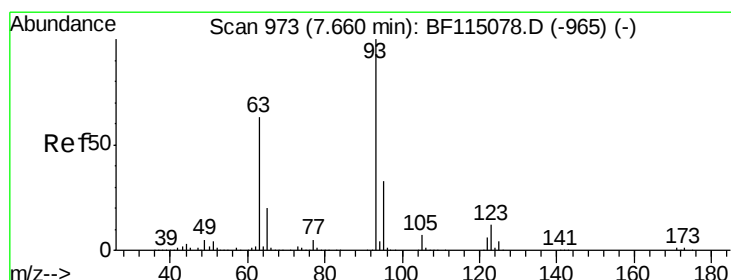
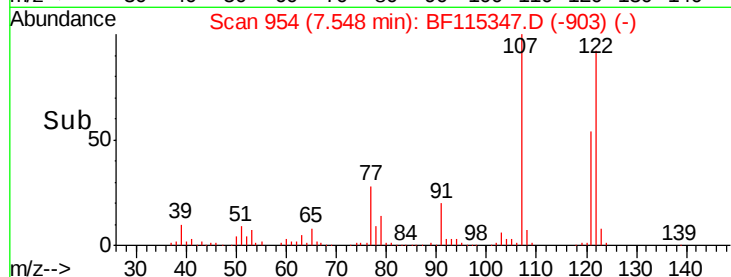
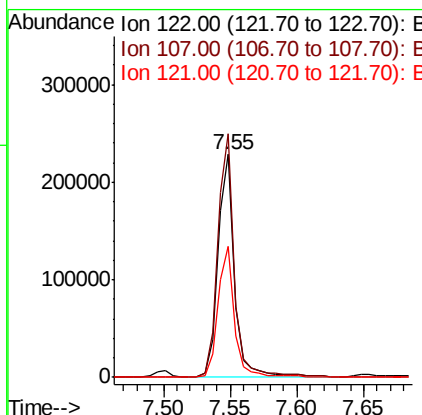
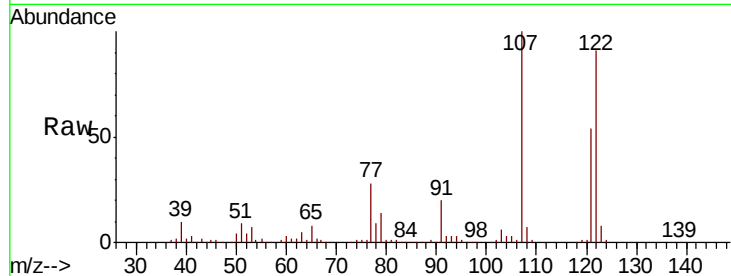
ClientSampleId :

HJDC-COMP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		201432		
107	109.3	85.8	128.6		
121	58.8	46.3	69.5		

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7/2/2019 2:53:50 PM



#28

bis(2-Chloroethoxy)methane

Concen: 16.557 ng

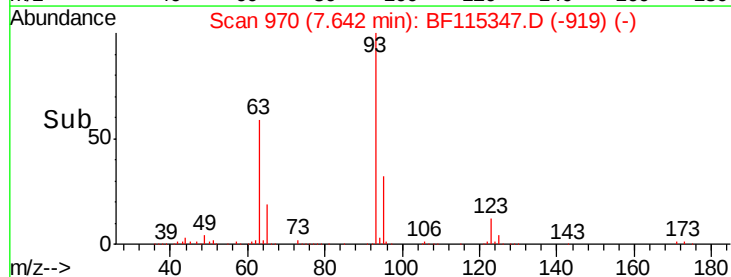
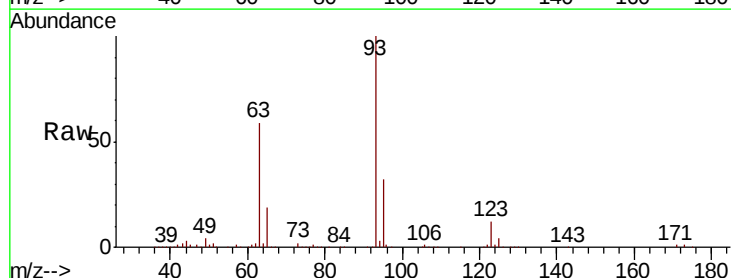
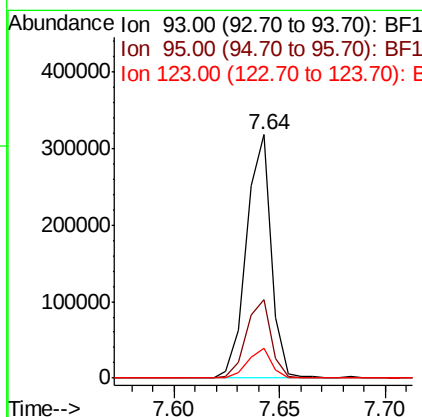
RT: 7.64 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF115347.D

Acq: 1 Jul 2019 19:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		258661		
95	32.2	26.2	39.4		
123	12.0	9.7	14.5		





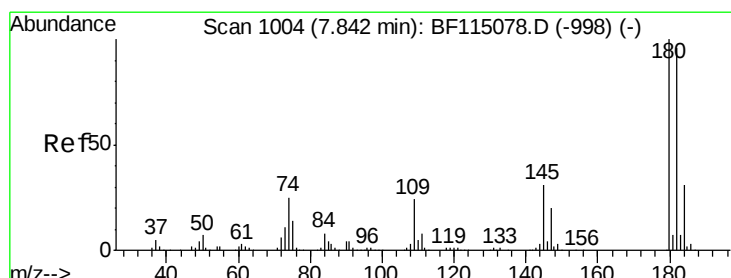
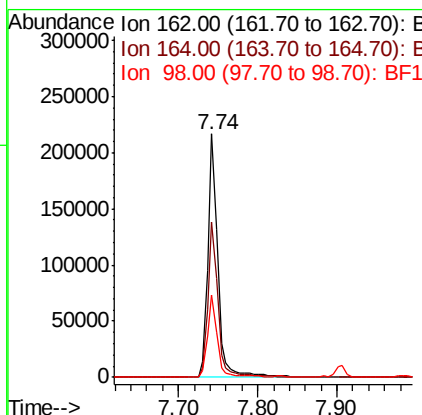
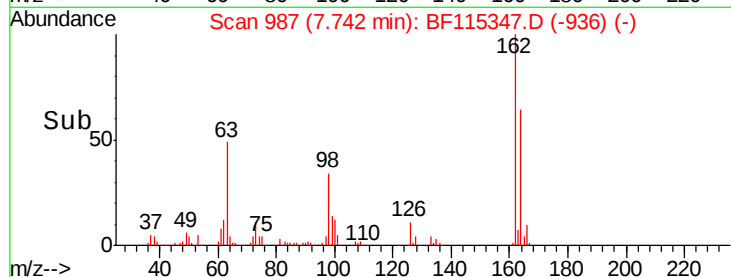
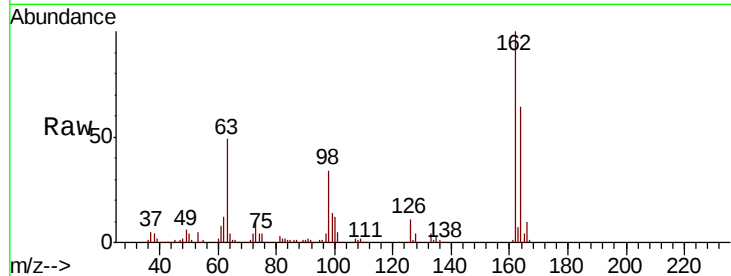
#29
2,4-Dichlorophenol
Concen: 17.277 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.0	45.3	85.3
98	33.8	12.5	52.5

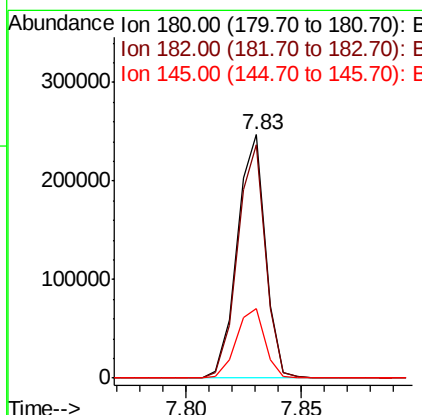
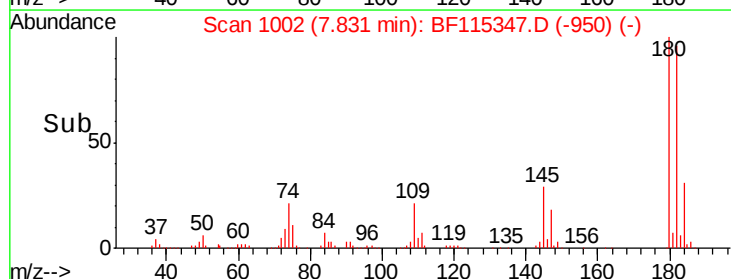
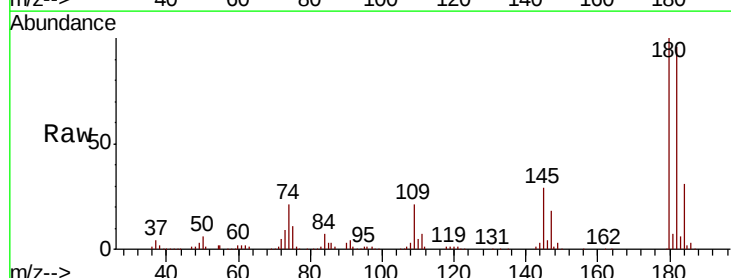
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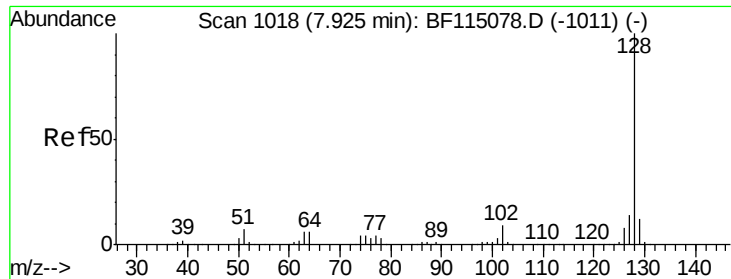
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#30
1,2,4-Trichlorobenzene
Concen: 17.206 ng
RT: 7.83 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.6	76.4	114.6
145	28.7	24.8	37.2





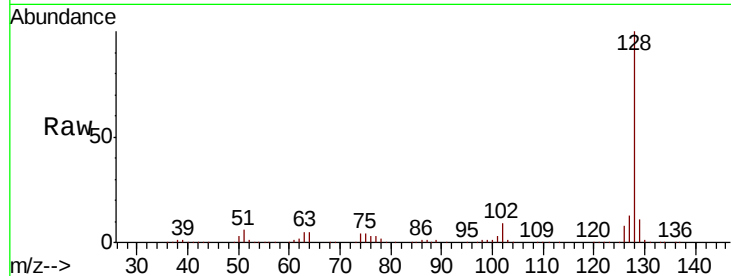
#31
Naphthalene
Concen: 19.307 ng
RT: 7.91 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.6	14.4
127	13.1	11.4	17.0

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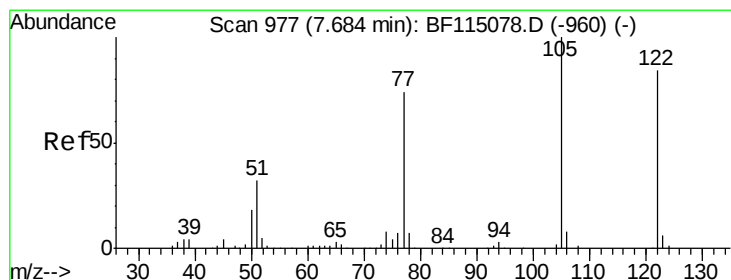
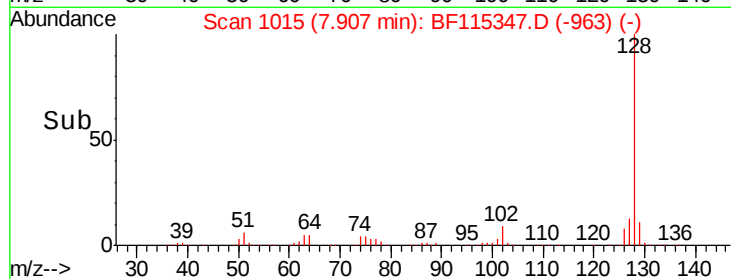
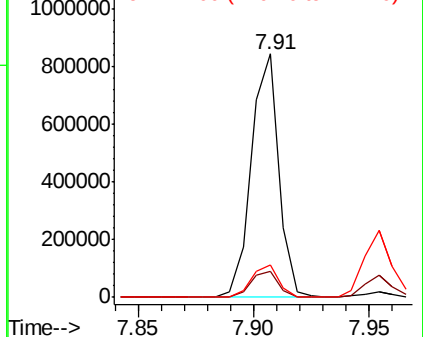


Abundance

Ion 128.00 (127.70 to 128.70): E

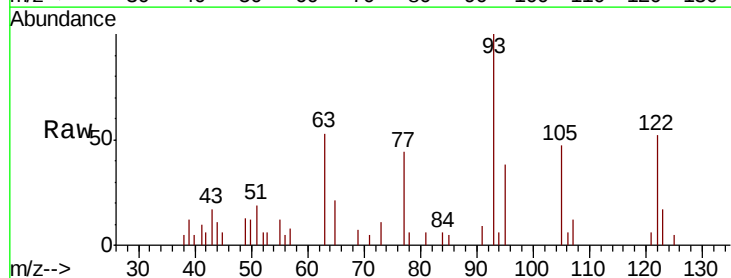
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 0.791 ng m
RT: 7.65 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	90.2	98.2	138.2#
77	85.1	67.0	107.0

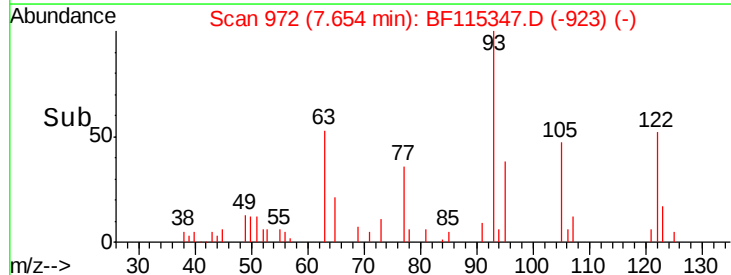
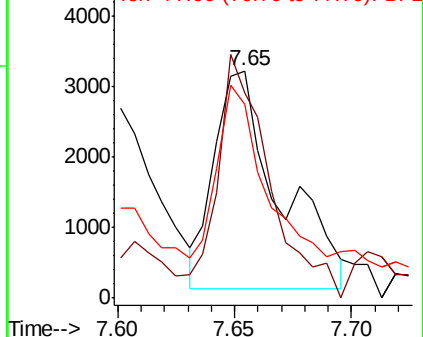


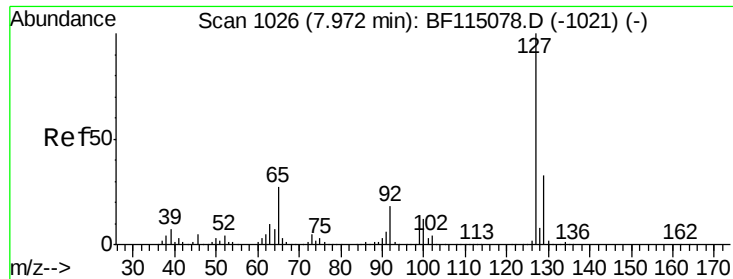
Abundance

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





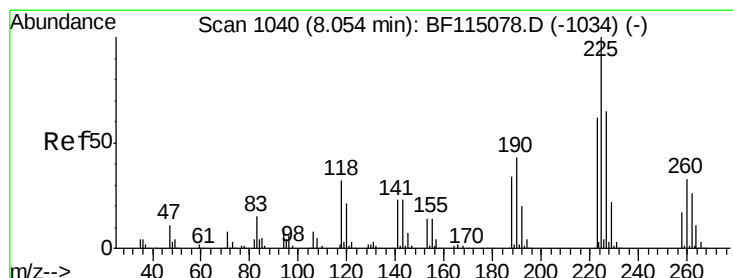
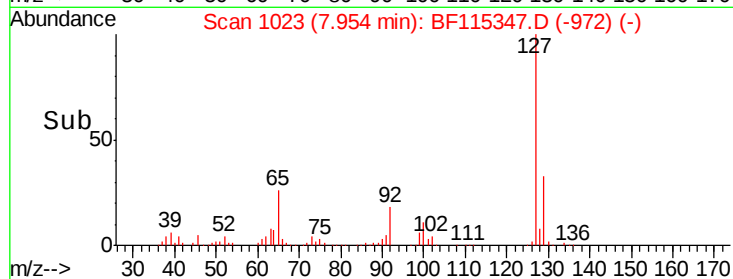
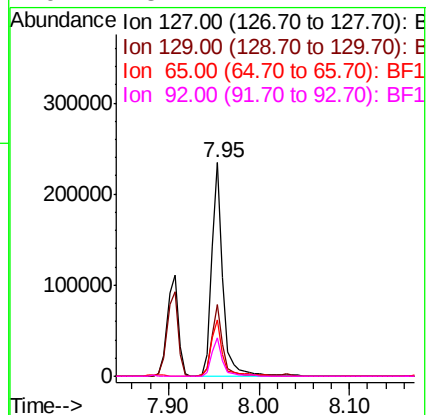
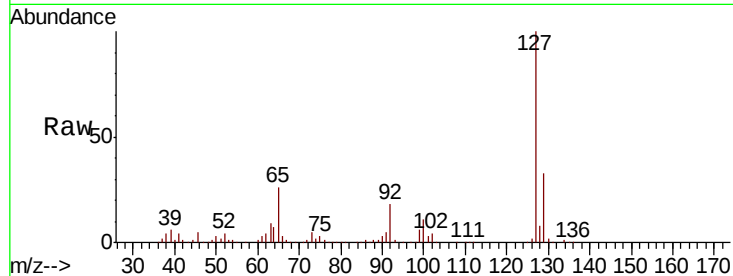
#33
4-Chloroaniline
Concen: 12.425 ng
RT: 7.95 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		206899		
129	33.3	26.1	39.1		
65	26.1	21.4	32.2		
92	18.2	14.1	21.1		

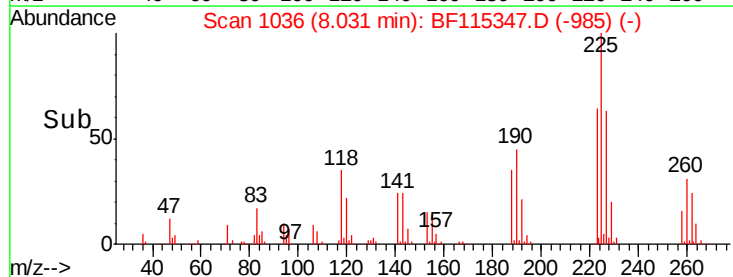
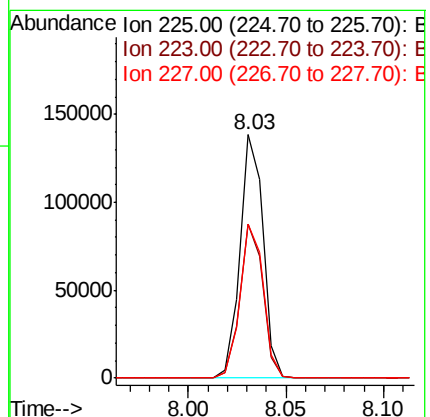
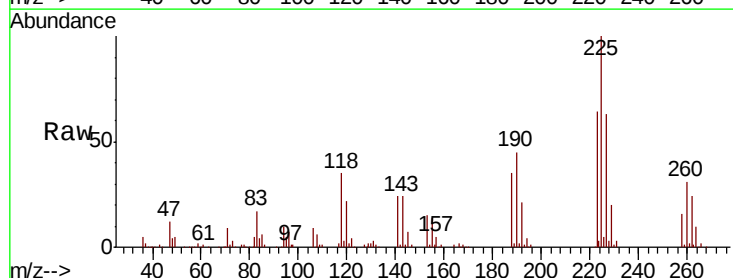
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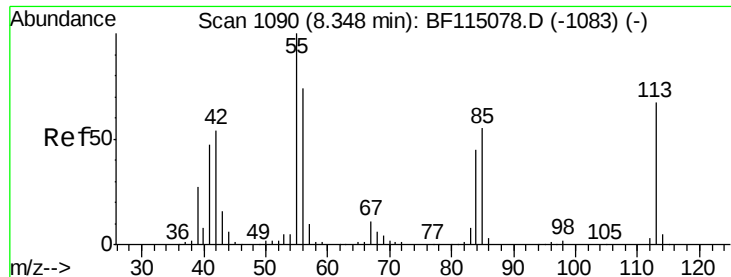
mohammad
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#34
Hexachlorobutadiene
Concen: 16.906 ng
RT: 8.03 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		113507		
223	63.5	49.4	74.2		
227	63.5	51.8	77.8		





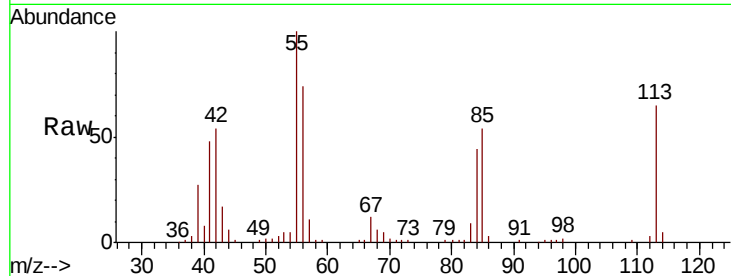
#35
 Caprolactam
 Concen: 15.927 ng
 RT: 8.29 min Scan# 1080
 Delta R.T. -0.04 min
 Lab File: BF115347.D
 Acq: 1 Jul 2019 19:14

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		59396		
55	153.0	130.2	170.2		
56	113.6	91.6	131.6		

Manual Integrations
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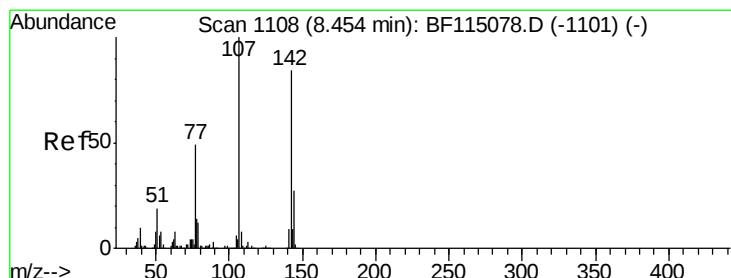
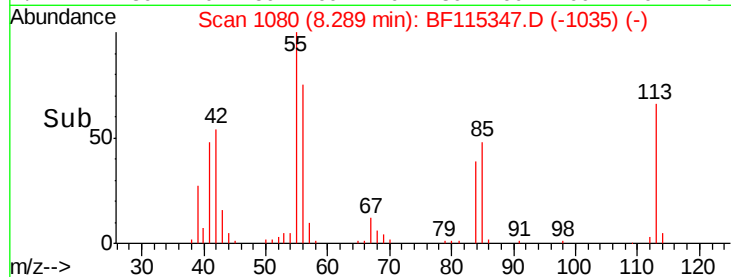
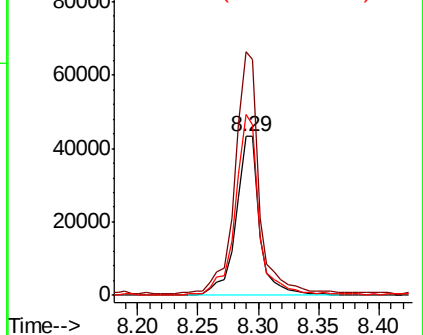


Abundance

Ion 113.00 (112.70 to 113.70): E

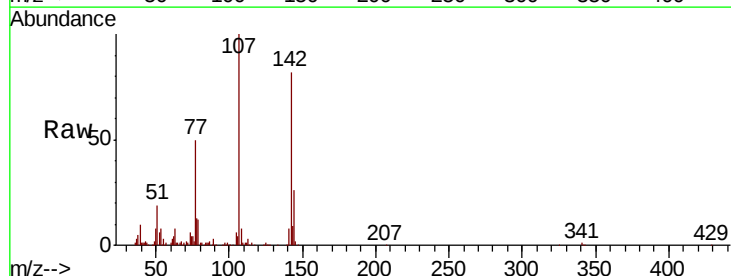
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 17.035 ng
 RT: 8.44 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF115347.D
 Acq: 1 Jul 2019 19:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		191358		
144	26.4	21.7	32.5		
142	82.0	67.0	100.4		

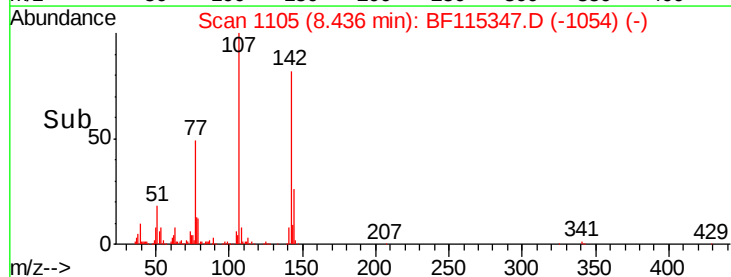
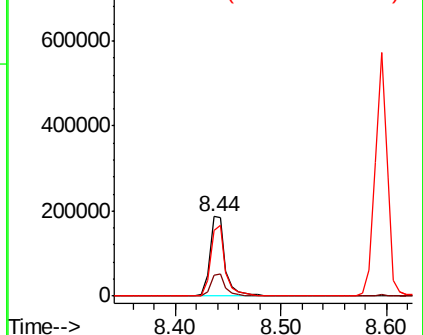


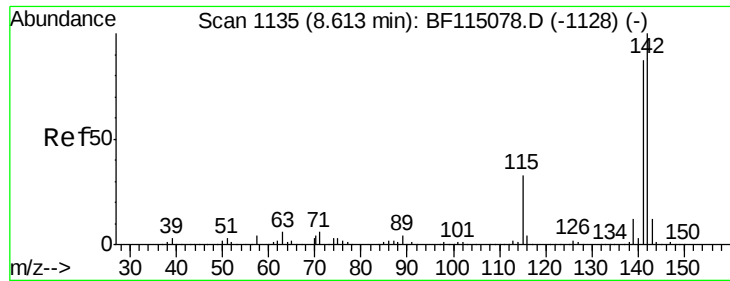
Abundance

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





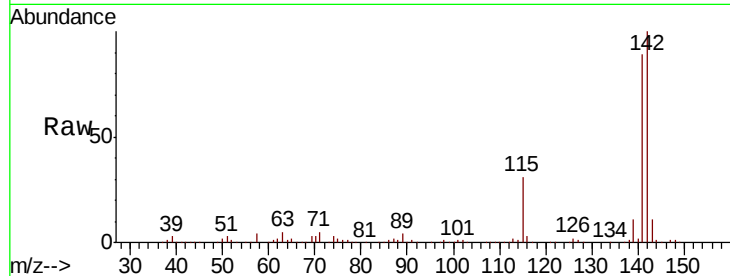
#37
2-Methylnaphthalene
Concen: 18.559 ng
RT: 8.60 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	69.8	104.6
115	31.4	26.7	40.1

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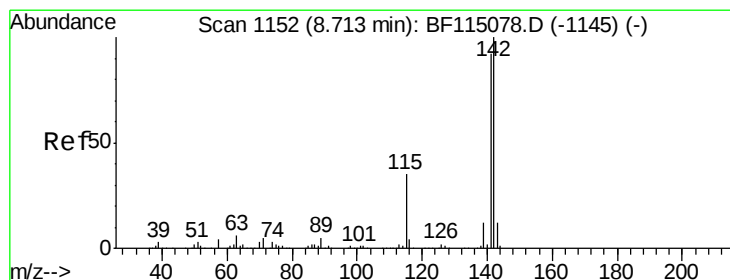
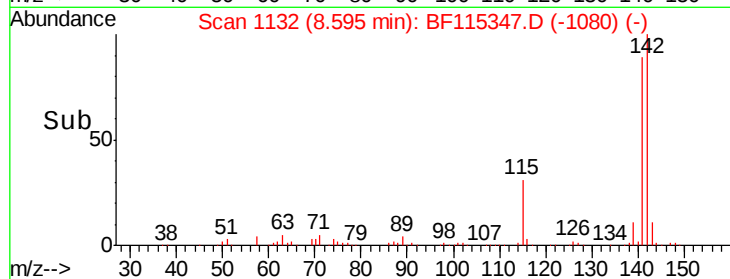
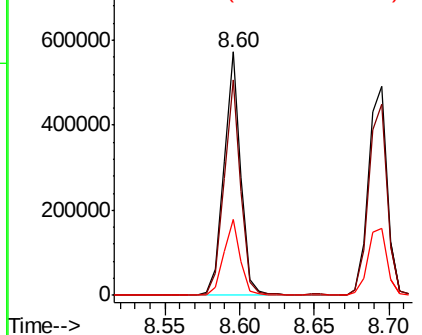


Abundance

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: 18.005 ng
RT: 8.70 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

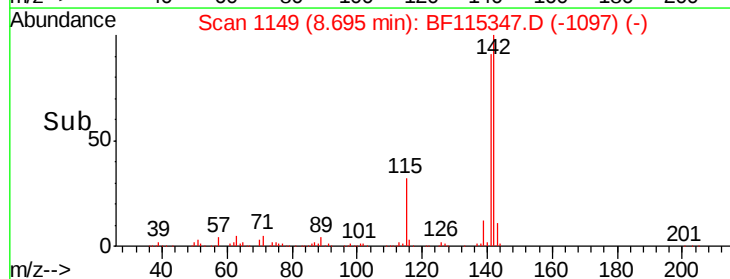
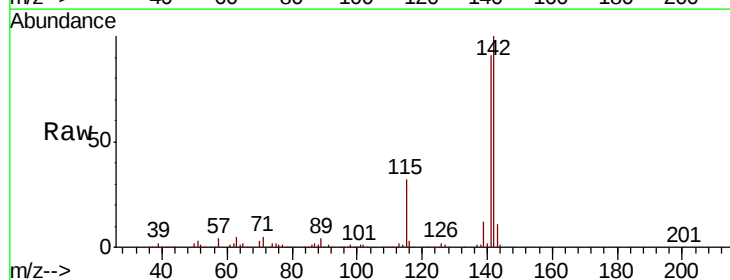
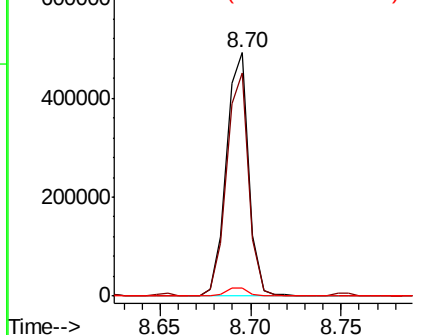
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.8	110.8
116	3.4	2.8	4.2

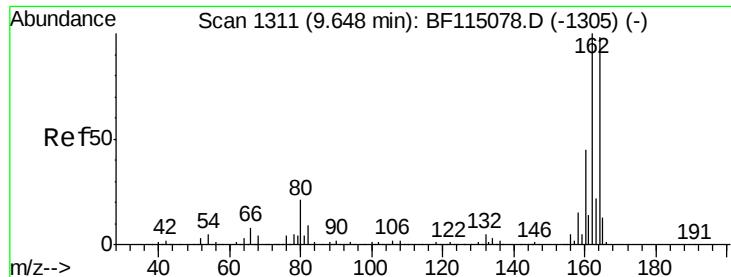
Abundance

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





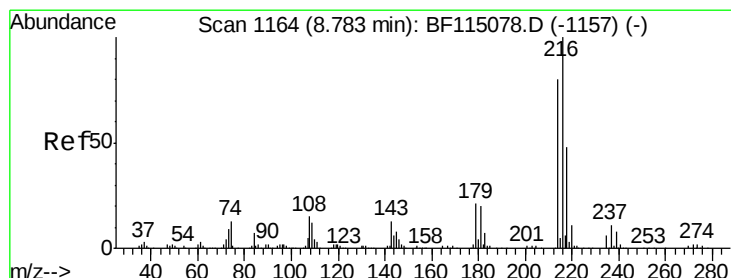
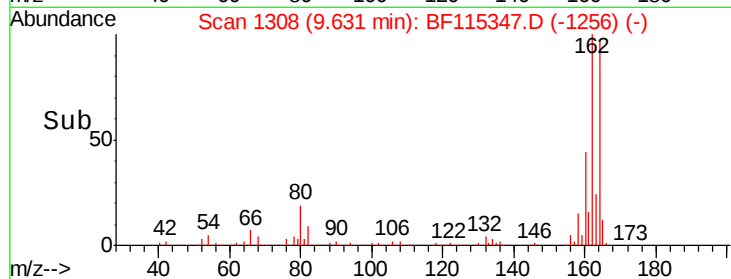
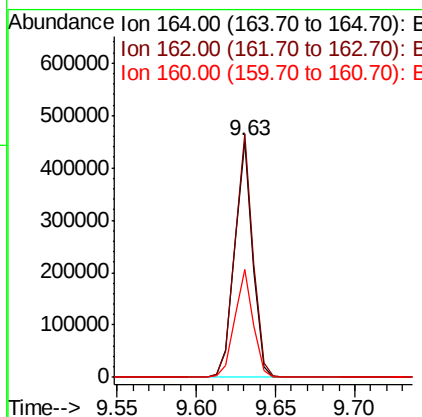
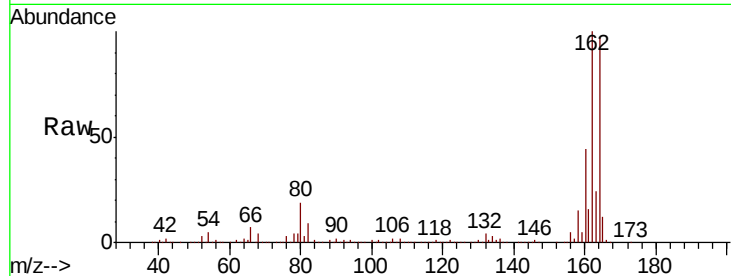
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.7	122.5
160	45.6	37.0	55.4

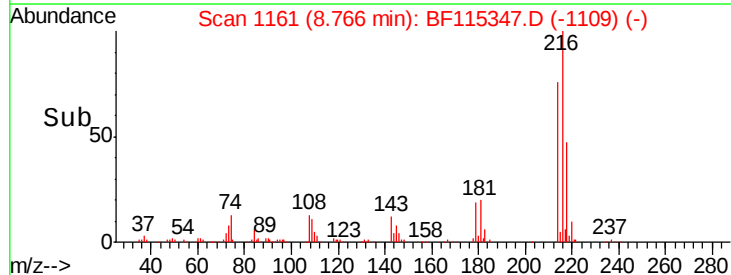
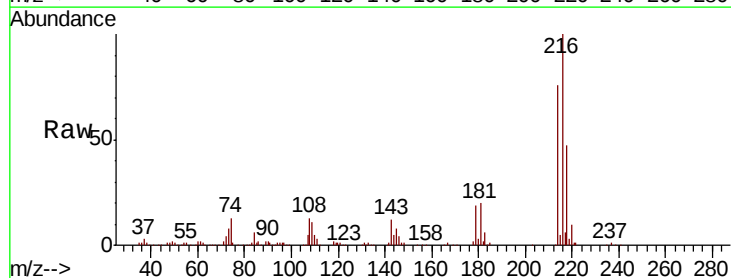
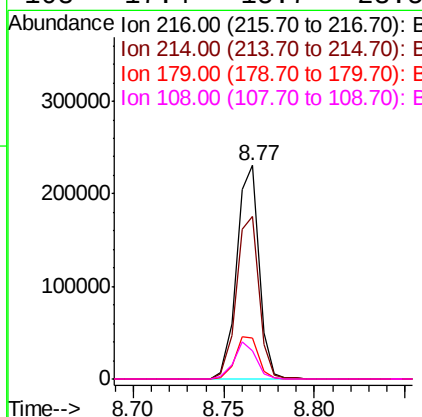
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 19.725 ng
RT: 8.77 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.4	63.8	95.6
179	20.8	17.6	26.4
108	17.4	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 5.882 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115347.D

Acq: 1 Jul 2019 19:14

Instrument :

BNA_F

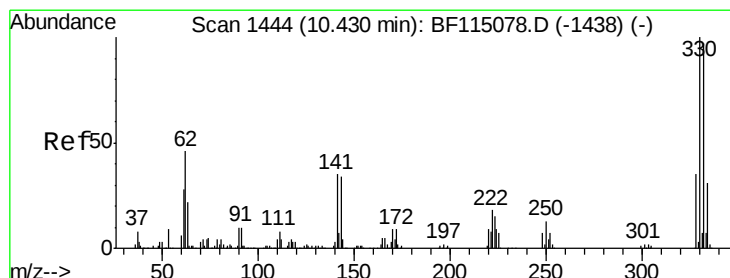
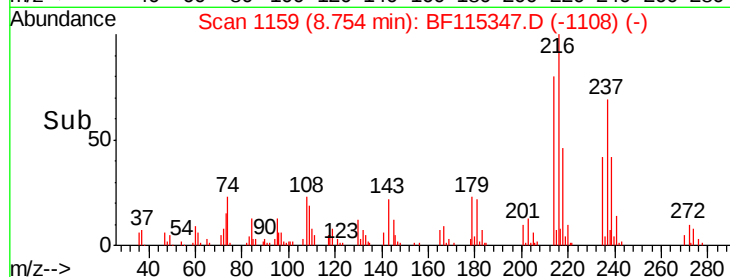
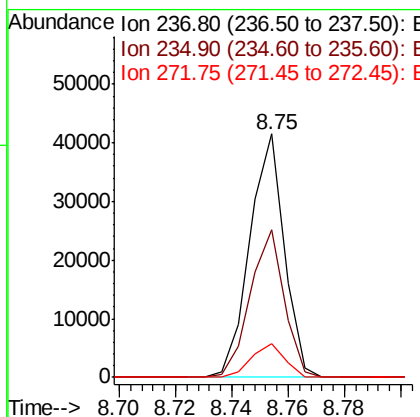
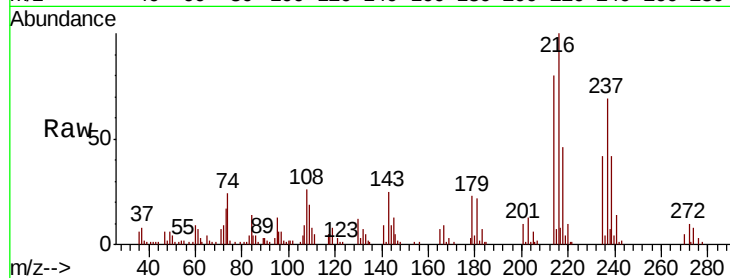
ClientSampleId :

HJDC-COMP-1MSD

Tot Ion:	237	Resp:	35118
Ion Ratio	Lower	Upper	
237	100		
235	60.7	43.9	83.9
272	14.1	0.0	33.8

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 56.653 ng

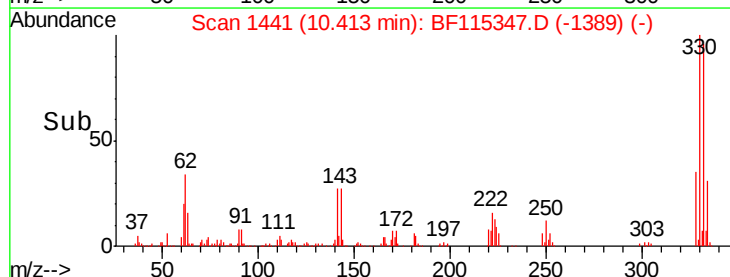
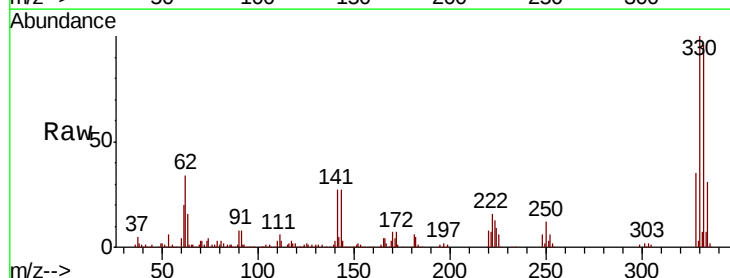
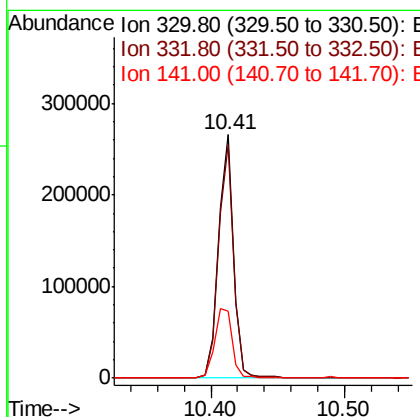
RT: 10.41 min Scan# 1441

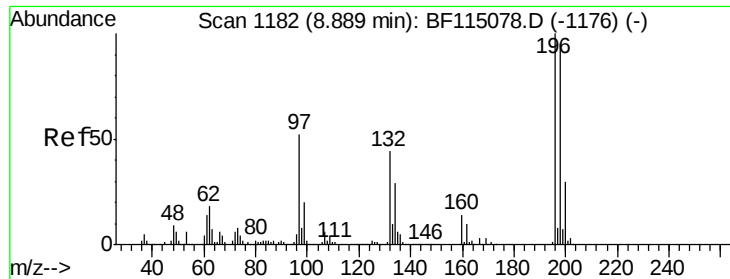
Delta R.T. 0.01 min

Lab File: BF115347.D

Acq: 1 Jul 2019 19:14

Tgt Ion:	330	Resp:	212885
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.3	115.9
141	33.8	28.2	42.2





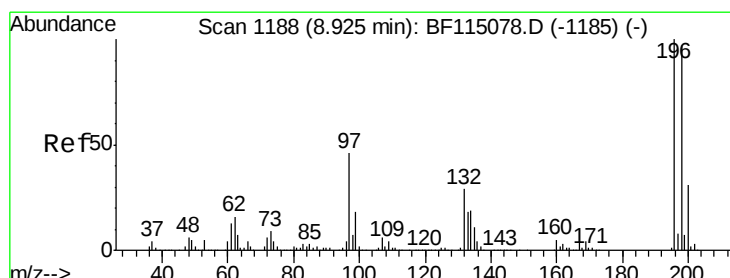
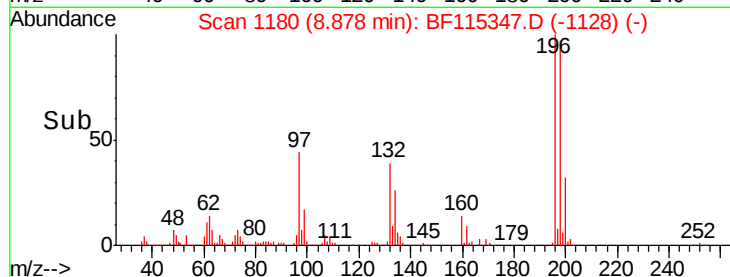
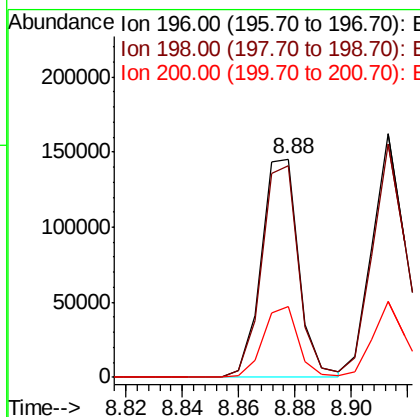
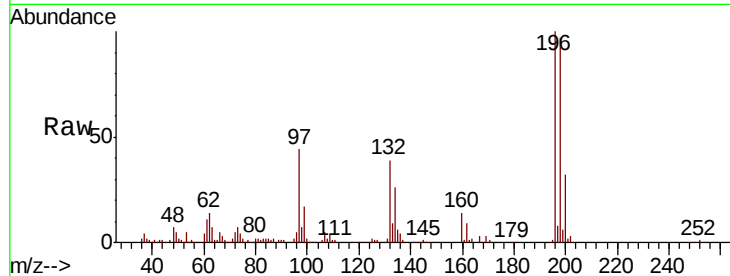
#43
 2,4,6-Trichlorophenol
 Concen: 17.239 ng
 RT: 8.88 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF115347.D
 Acq: 1 Jul 2019 19:14

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	134018		
198	97.0	76.3	114.5	
200	32.2	24.2	36.4	

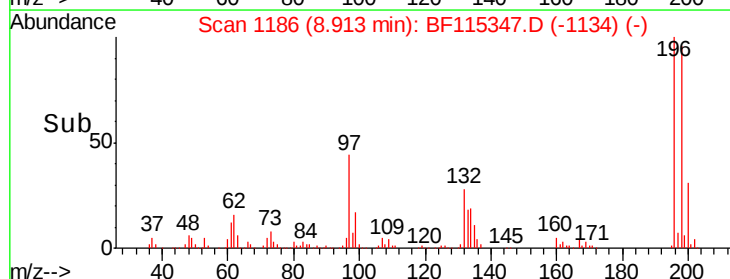
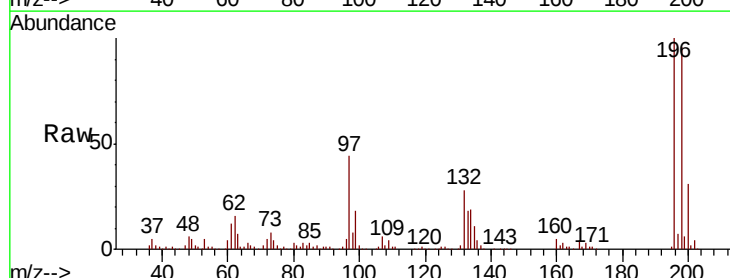
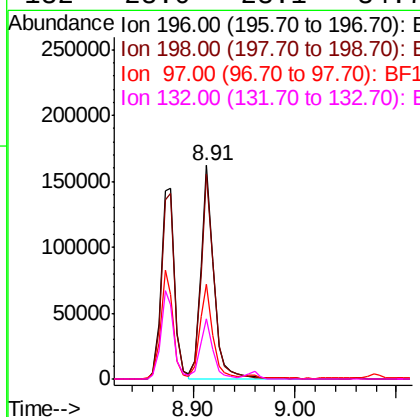
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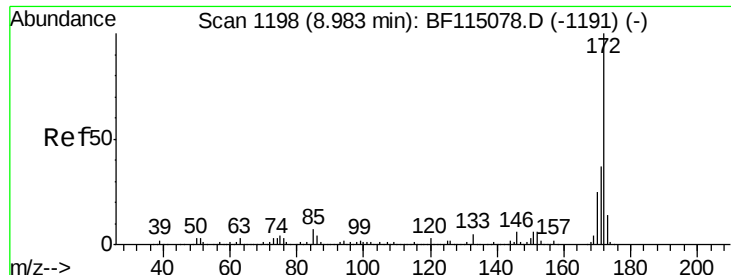
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 18.022 ng
 RT: 8.91 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: BF115347.D
 Acq: 1 Jul 2019 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	144277		
198	95.9	77.1	115.7	
97	44.5	37.7	56.5	
132	28.0	23.1	34.7	





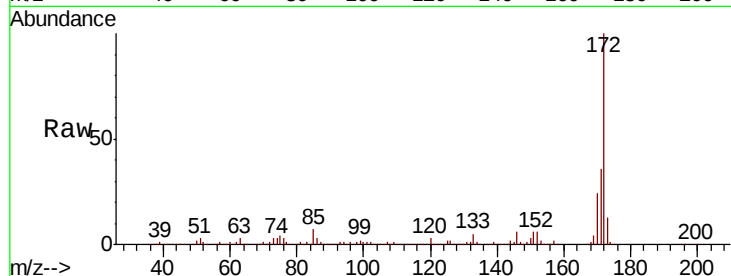
#45
2-Fluorobiphenyl
Concen: 44.437 ng
RT: 8.96 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.8	44.6
170	24.3	20.3	30.5

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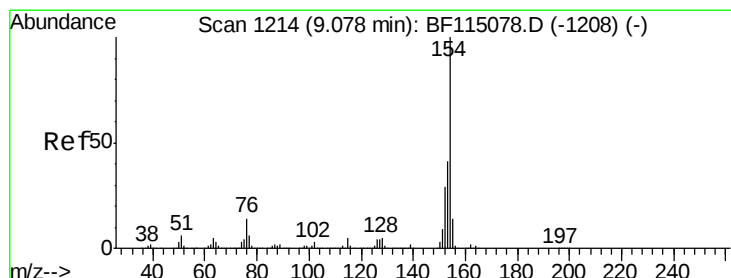
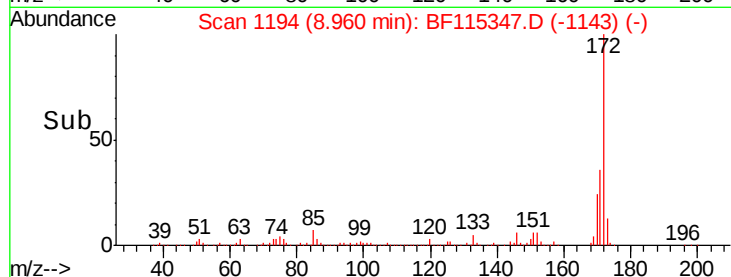
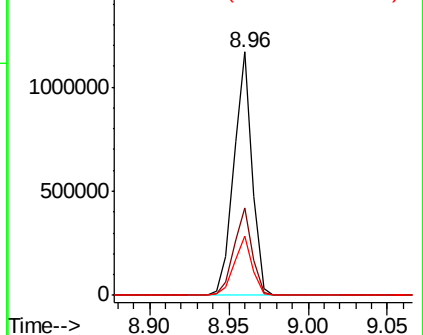


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 18.685 ng
RT: 9.06 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

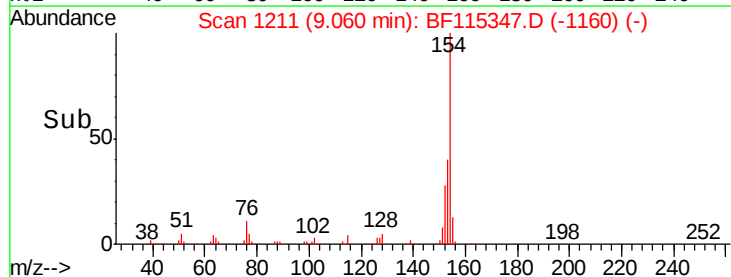
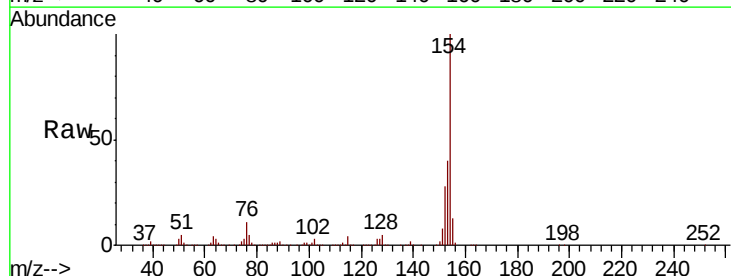
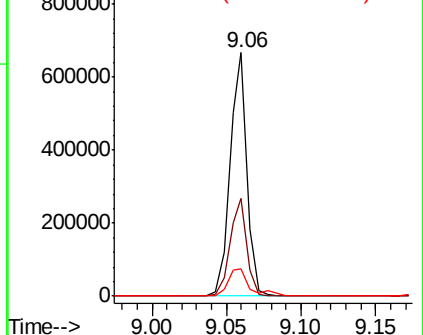
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.9	60.9
76	11.4	0.0	34.1

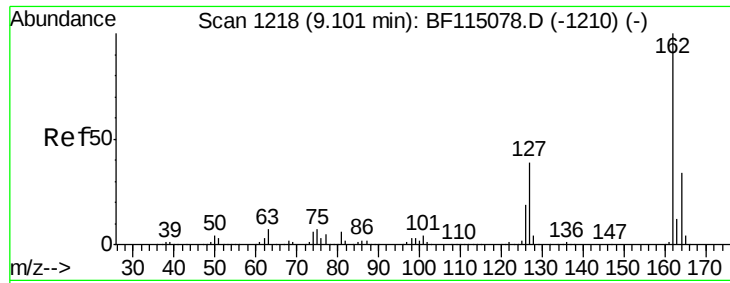
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





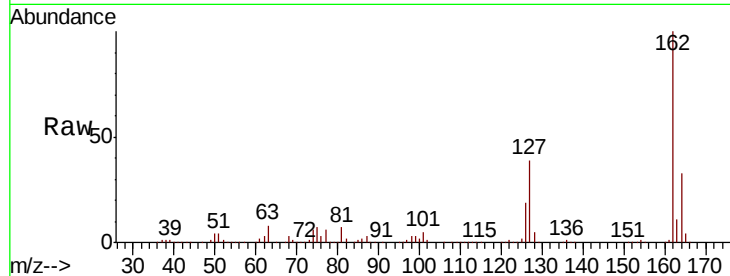
#47
2-Chloronaphthalene
Concen: 17.764 ng
RT: 9.08 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

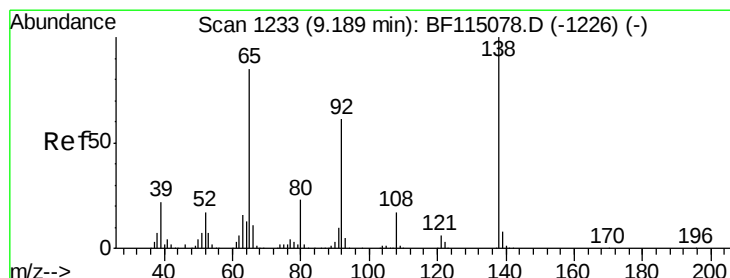
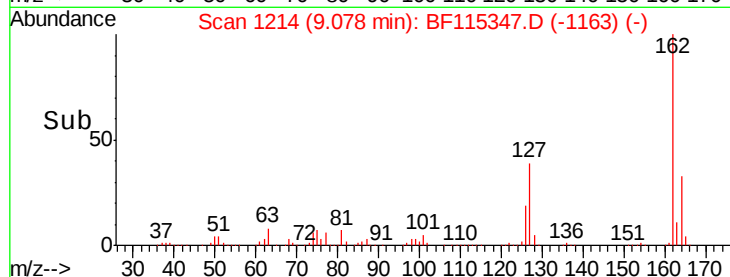
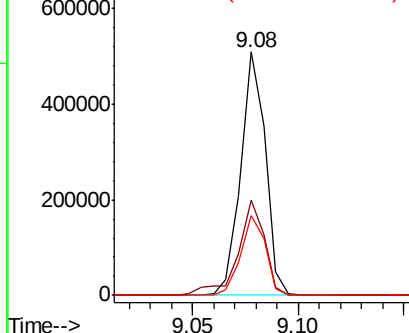
Tot Ion	Ratio	Resp	Lower	Upper
162	100	410838		
127	39.2	30.8	46.2	
164	32.9	27.0	40.4	

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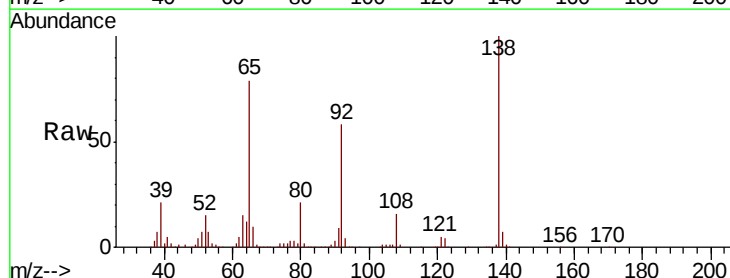


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

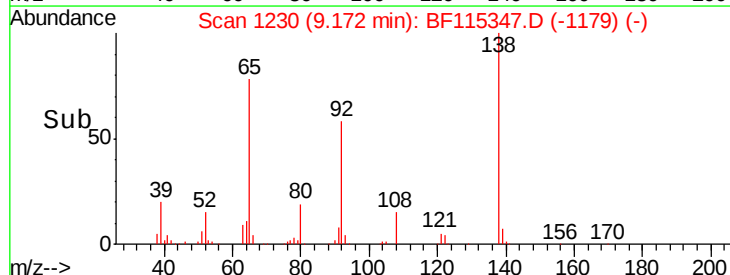
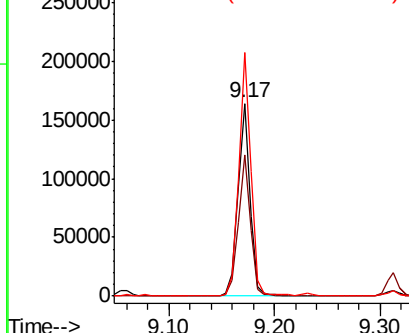


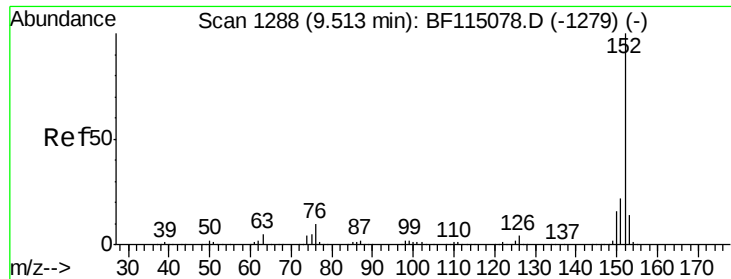
#48
2-Nitroaniline
Concen: 19.284 ng
RT: 9.17 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	130024		
92	73.3	57.4	86.2	
138	126.4	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: 19.602 ng

RT: 9.49 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF115347.D

Acq: 1 Jul 2019 19:14

Instrument :

BNA_F

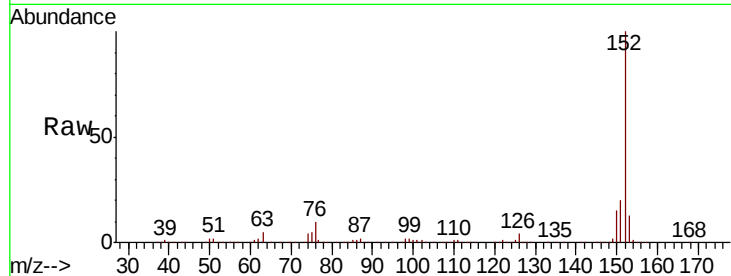
ClientSampleId :

HJDC-COMP-1MSD

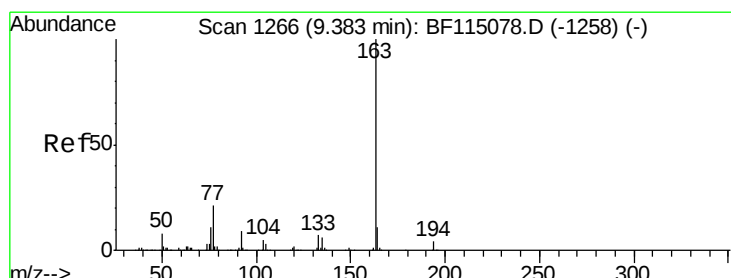
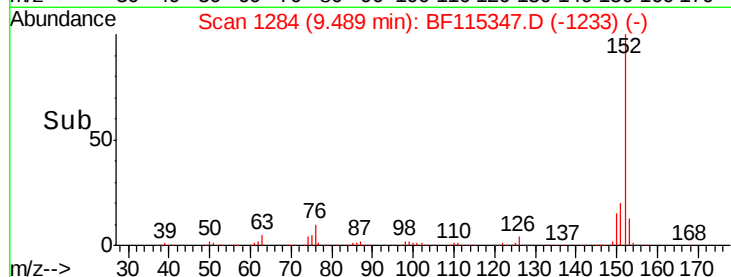
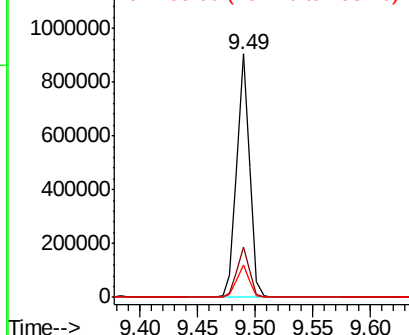
Tot Ion:	152	Resp:	706336
Ion Ratio	Lower	Upper	
152	100		
151	20.5	17.2	25.8
153	13.4	11.0	16.6

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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: 21.985 ng

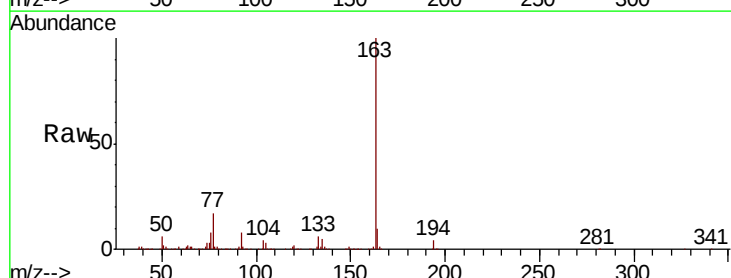
RT: 9.36 min Scan# 1262

Delta R.T. 0.00 min

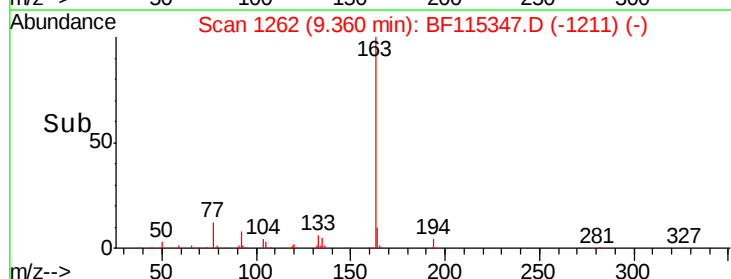
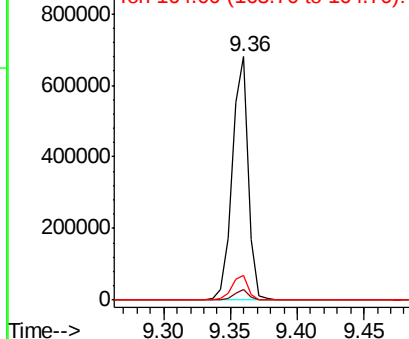
Lab File: BF115347.D

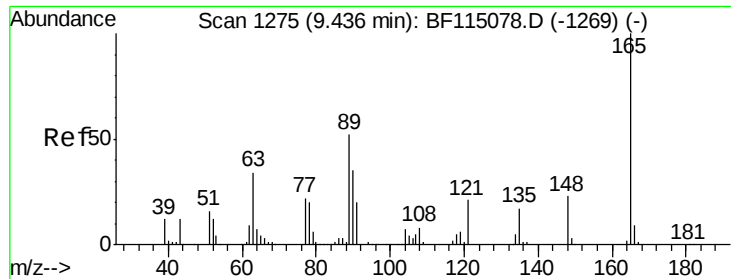
Acq: 1 Jul 2019 19:14

Tgt Ion:	163	Resp:	576356
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.2	4.8
164	10.1	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





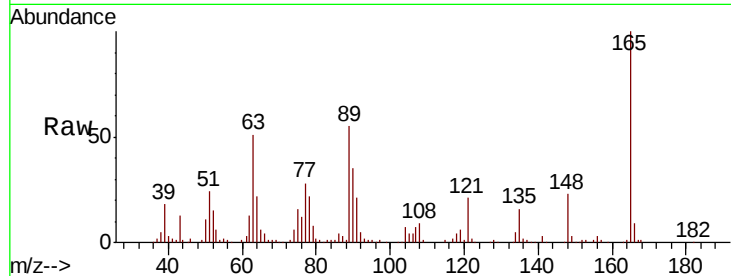
#51
2,6-Dinitrotoluene
Concen: 14.895 ng
RT: 9.41 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

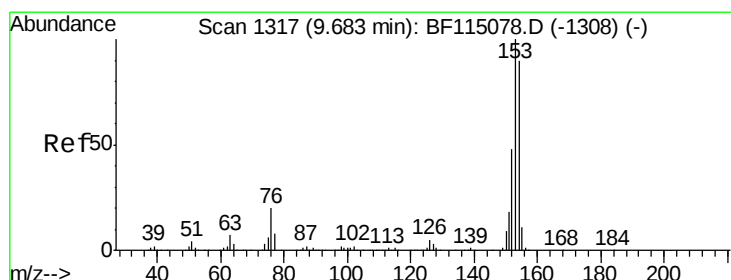
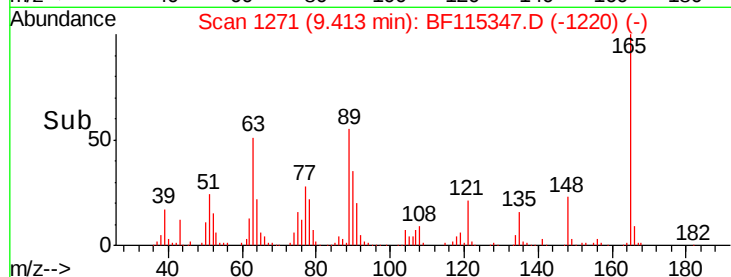
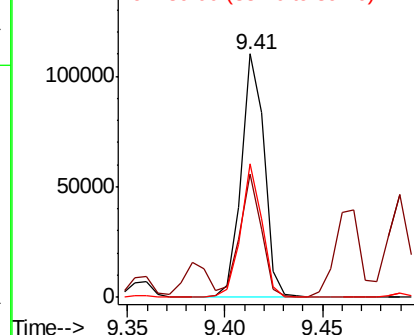
Tot Ion	Ratio	Lower	Upper
165	100		
63	50.6	39.4	59.2
89	54.8	42.0	63.0

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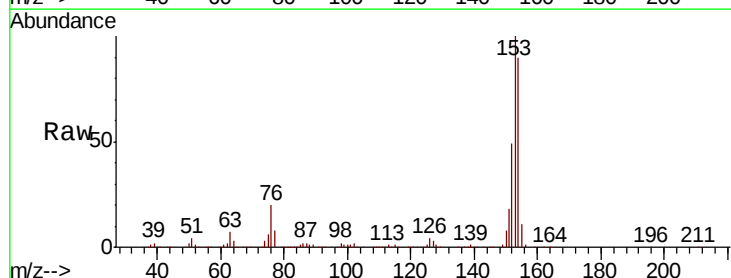


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

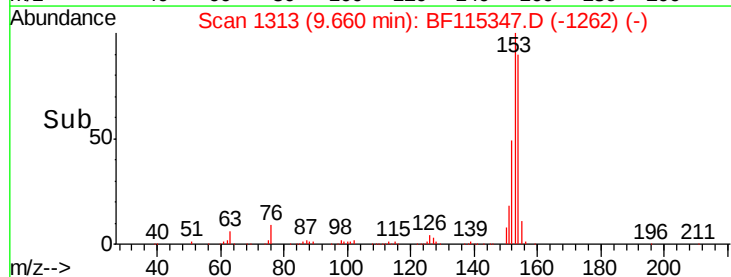
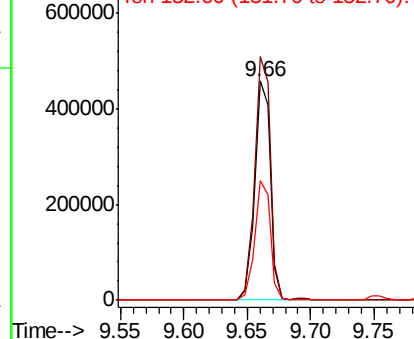


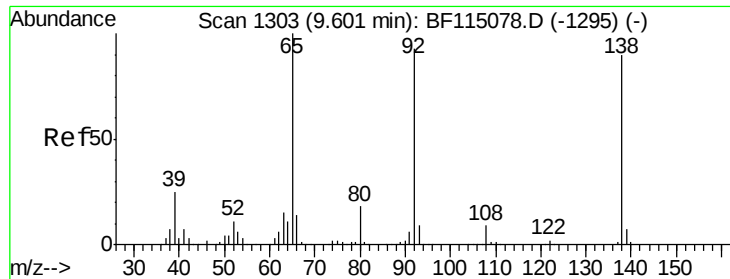
#52
Acenaphthene
Concen: 17.653 ng
RT: 9.66 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.1	88.7	133.1
152	54.2	42.6	64.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





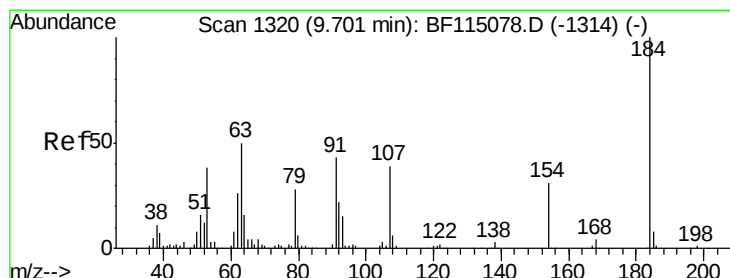
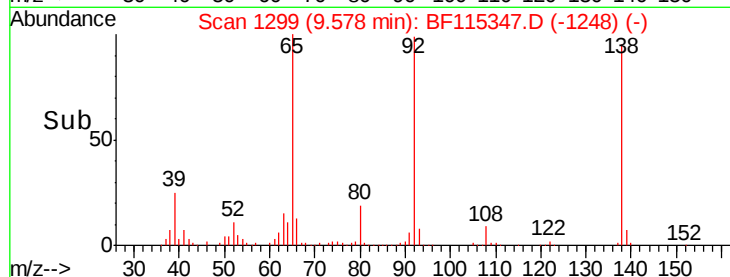
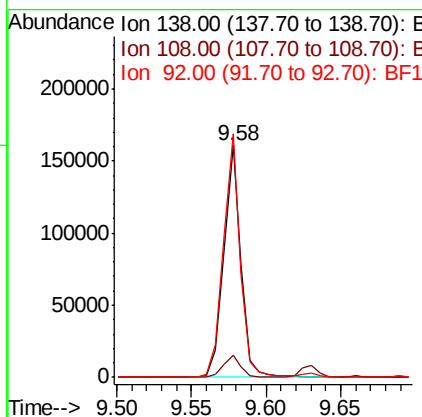
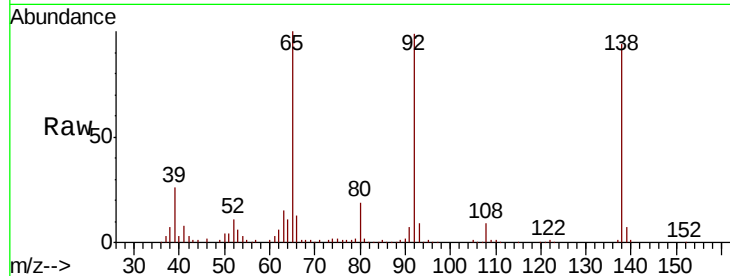
#53
3-Nitroaniline
Concen: 17.786 ng
RT: 9.58 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.8	11.6
92	105.1	82.9	124.3

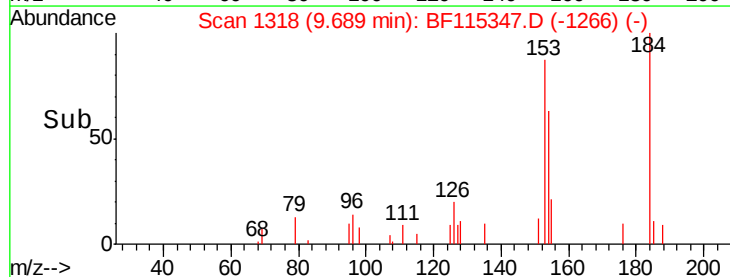
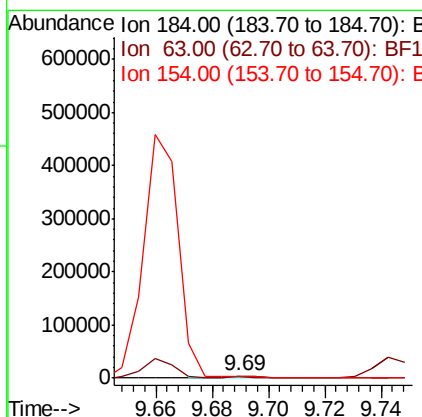
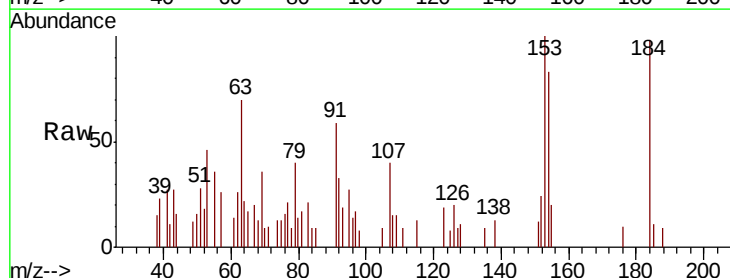
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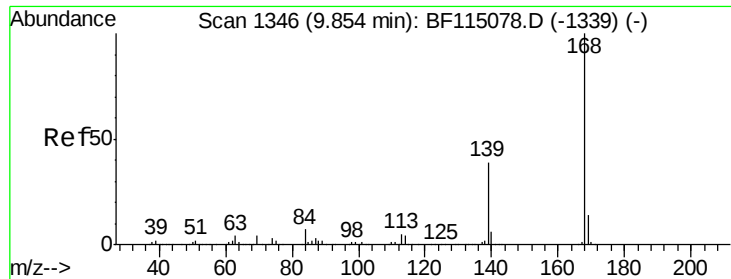
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#54
2,4-Dinitrophenol
Concen: 8.275 ng
RT: 9.69 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.5	41.9	62.9#
154	84.2	44.7	67.1#





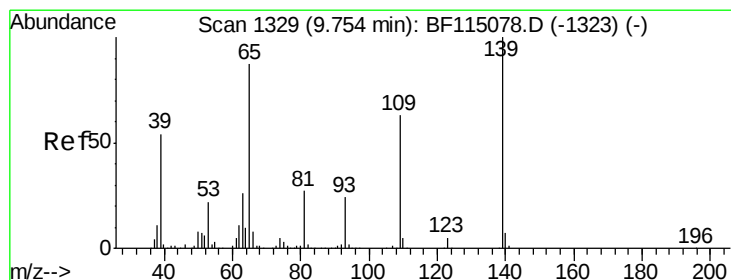
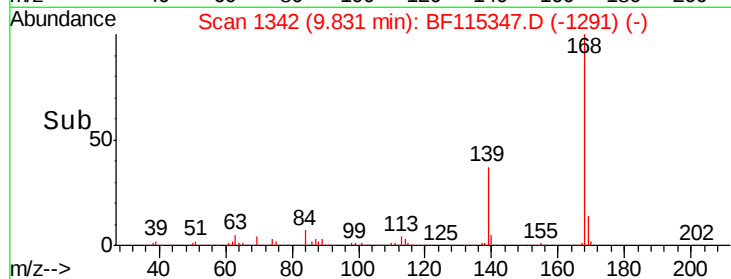
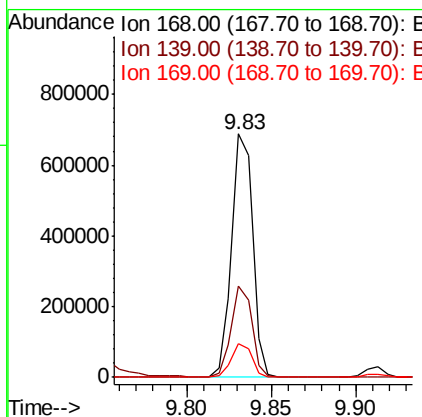
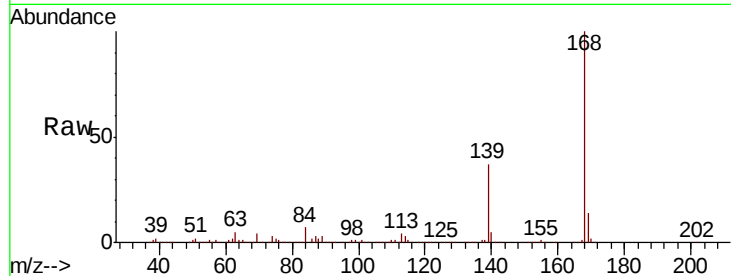
#55
Dibenzofuran
Concen: 18.378 ng
RT: 9.83 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	31.1	46.7
169	13.8	11.3	16.9

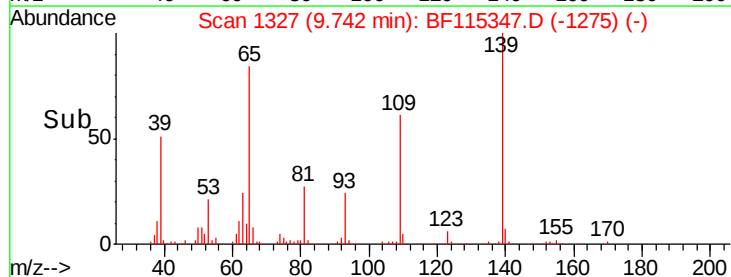
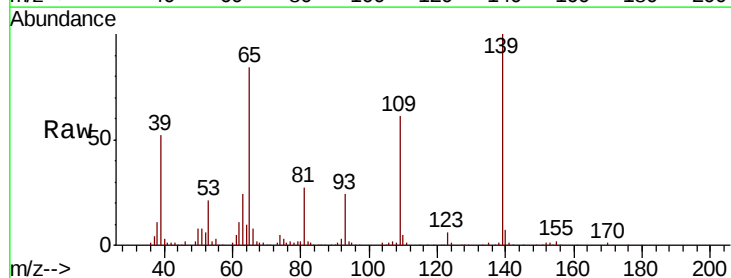
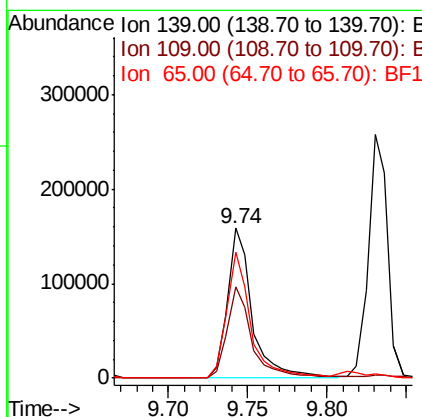
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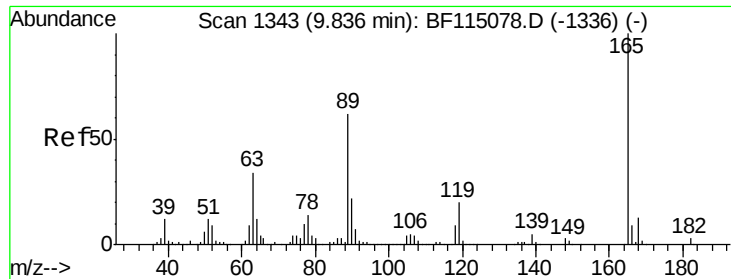
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#56
4-Nitrophenol
Concen: 28.824 ng
RT: 9.74 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.9	43.0	83.0
65	84.2	67.0	107.0





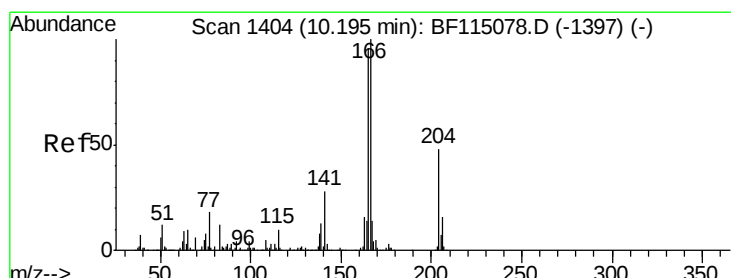
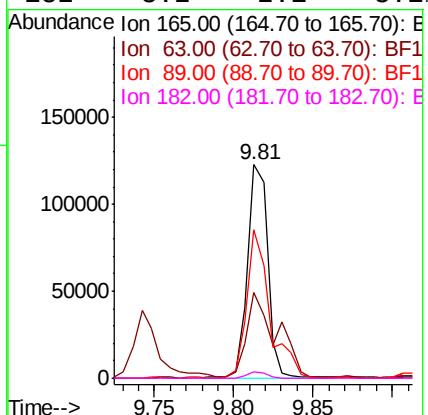
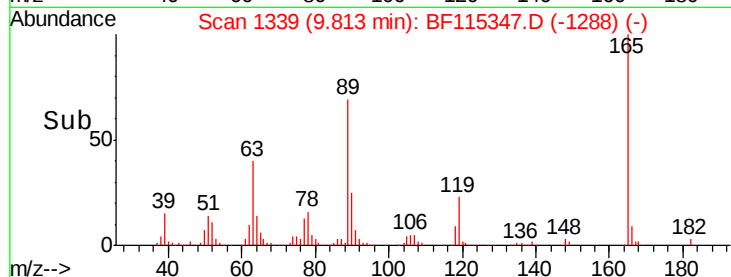
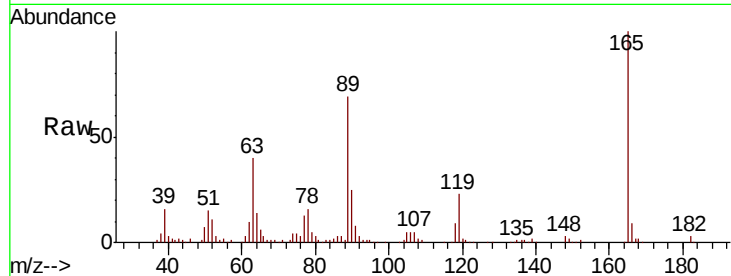
#57
 2,4-Dinitrotoluene
 Concen: 13.773 ng
 RT: 9.81 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF115347.D
 Acq: 1 Jul 2019 19:14

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.3	27.5	41.3
89	69.5	49.9	74.9
182	3.2	2.1	3.1#

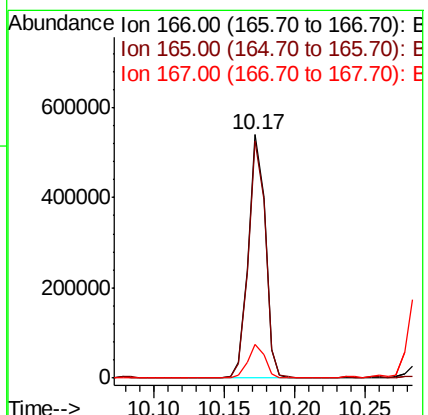
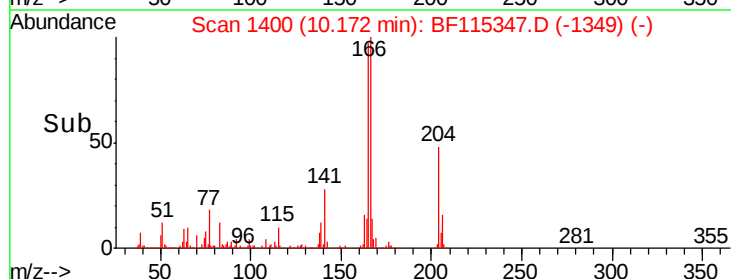
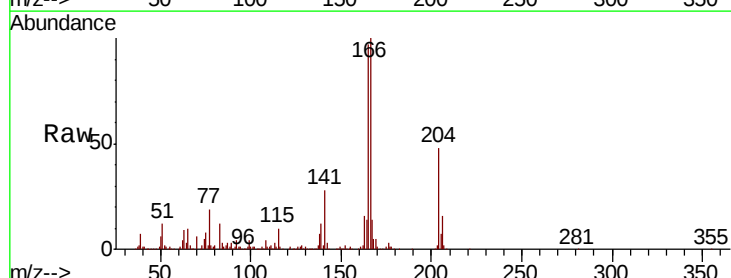
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#58
 Fluorene
 Concen: 17.060 ng
 RT: 10.17 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF115347.D
 Acq: 1 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	76.5	114.7
167	13.8	11.0	16.4





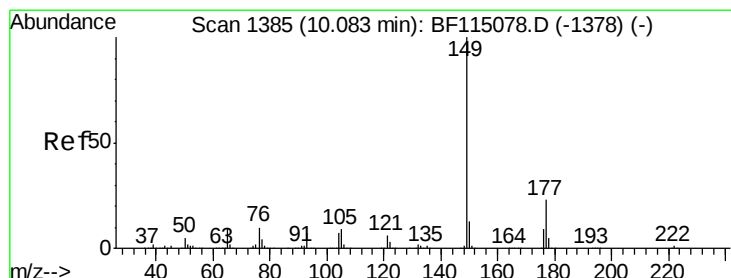
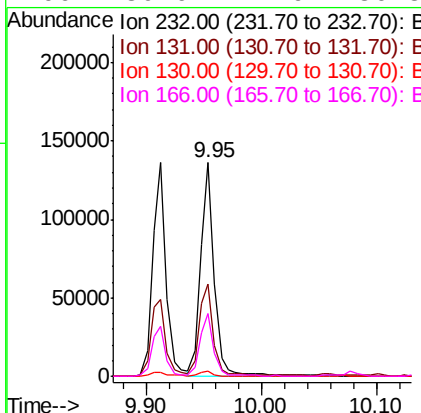
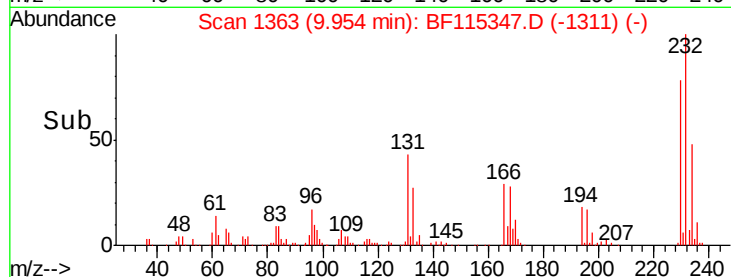
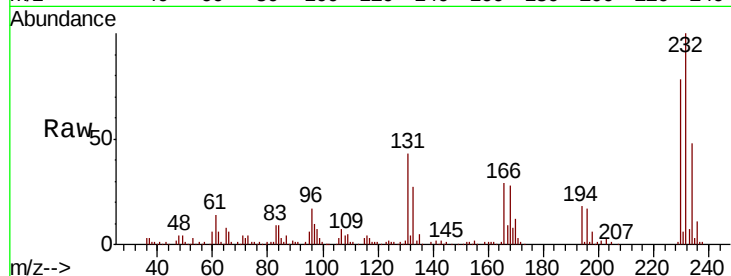
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 16.918 ng
 RT: 9.95 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF115347.D
 Acq: 1 Jul 2019 19:14

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.4	37.4	56.0
130	2.4	1.8	2.6
166	30.6	24.6	36.8

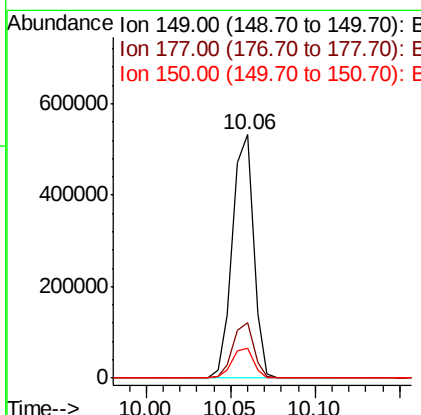
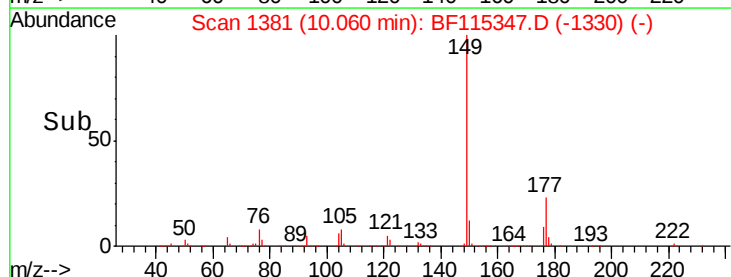
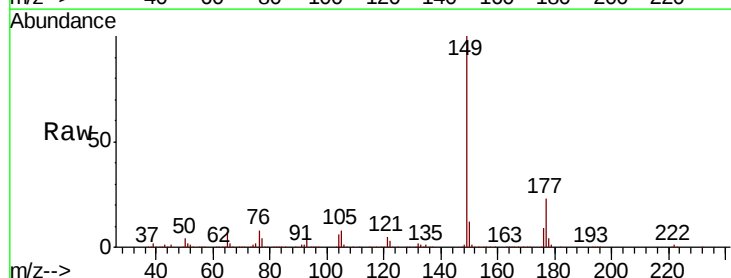
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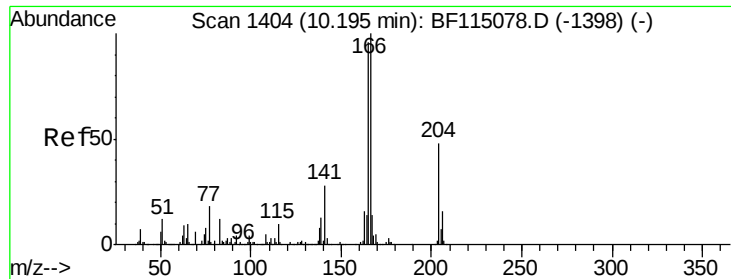
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#60
 Diethylphthalate
 Concen: 17.616 ng
 RT: 10.06 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF115347.D
 Acq: 1 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.7	28.1
150	12.2	10.4	15.6





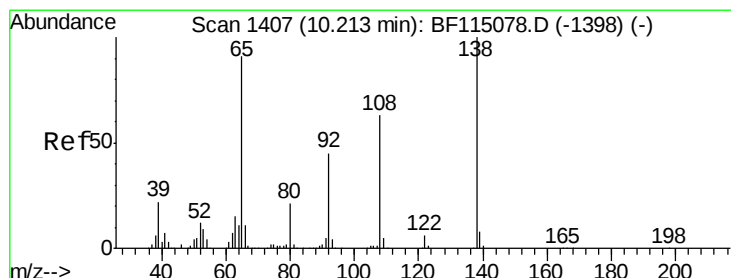
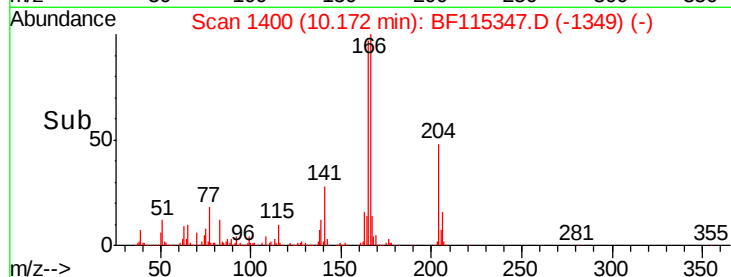
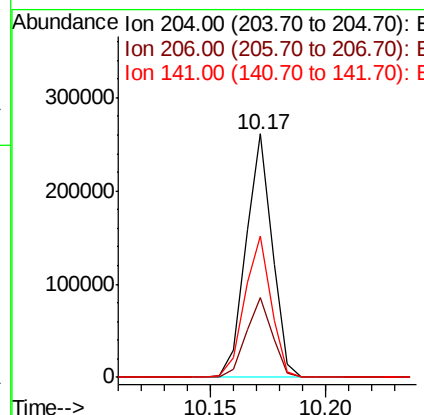
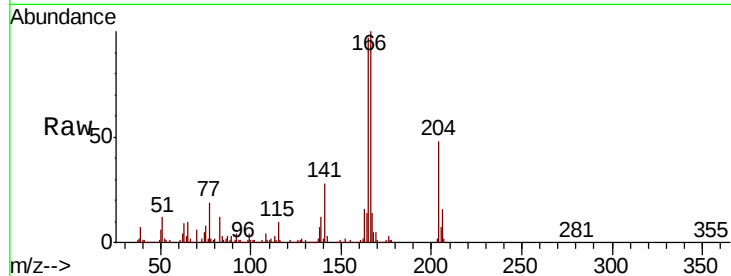
#61
 4-Chlorophenyl-phenylether
 Concen: 15.811 ng
 RT: 10.17 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF115347.D
 Acq: 1 Jul 2019 19:14

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.6	40.0
141	57.9	46.7	70.1

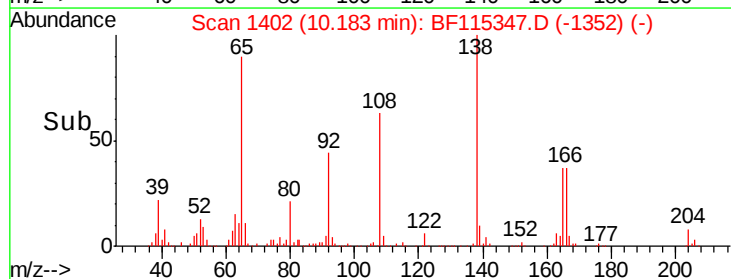
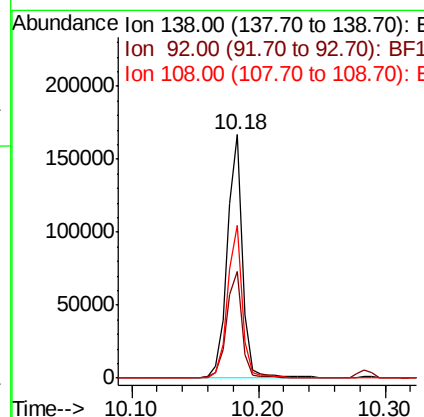
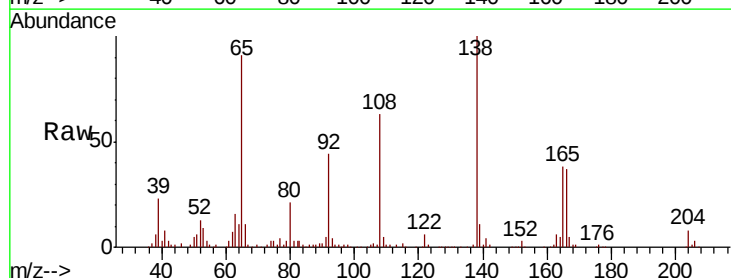
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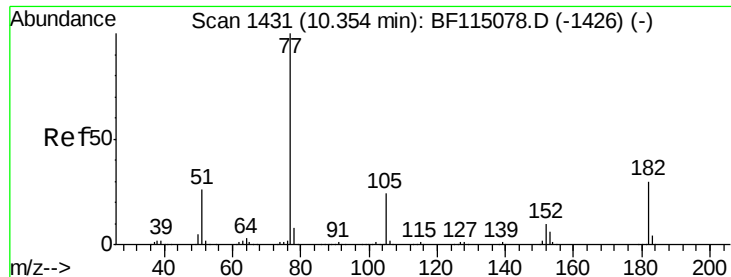
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#62
 4-Nitroaniline
 Concen: 18.957 ng
 RT: 10.18 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF115347.D
 Acq: 1 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.7	24.8	64.8
108	62.6	43.3	83.3





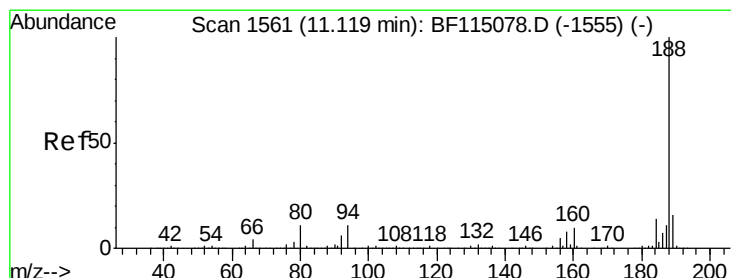
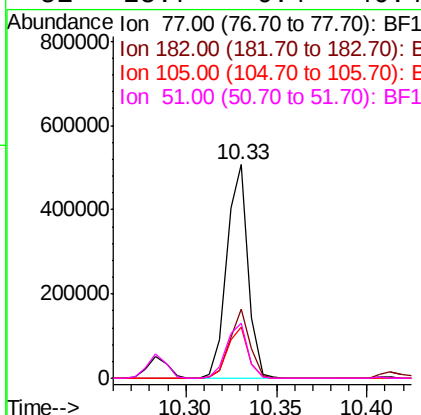
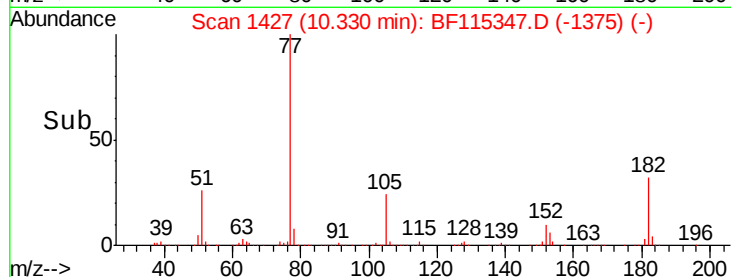
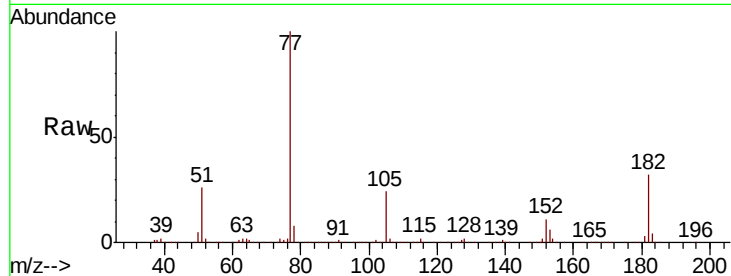
#63
Azobenzene
Concen: 16.645 ng
RT: 10.33 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		409713		
182	32.1	10.1	50.1		
105	24.1	4.5	44.5		
51	25.7	6.4	46.4		

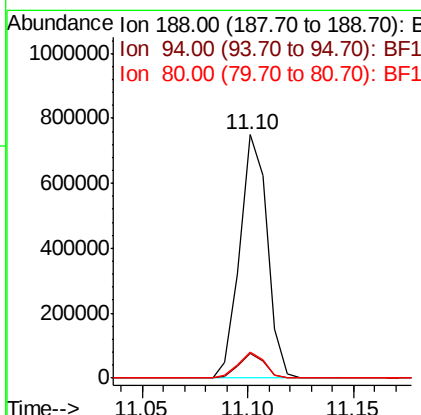
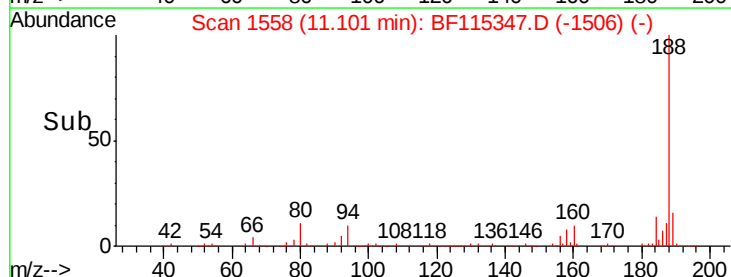
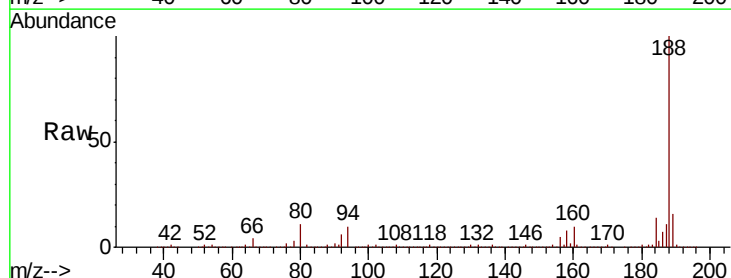
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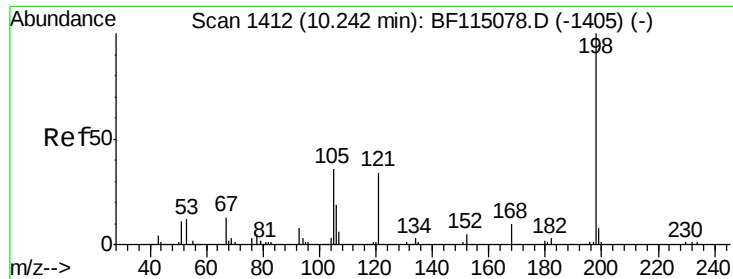
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		675938		
94	10.1	8.6	12.8		
80	10.5	8.8	13.2		





#65

4,6-Dinitro-2-methylphenol

Concen: 6.486 ng

RT: 10.22 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BF115347.D

Acq: 1 Jul 2019 19:14

Instrument :

BNA_F

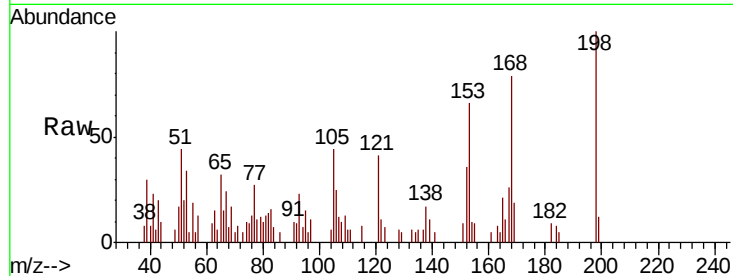
ClientSampleId :

HJDC-COMP-1MSD

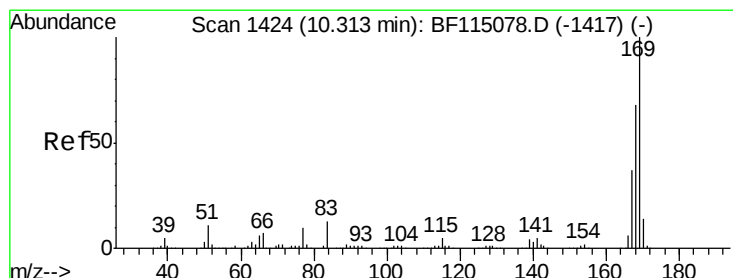
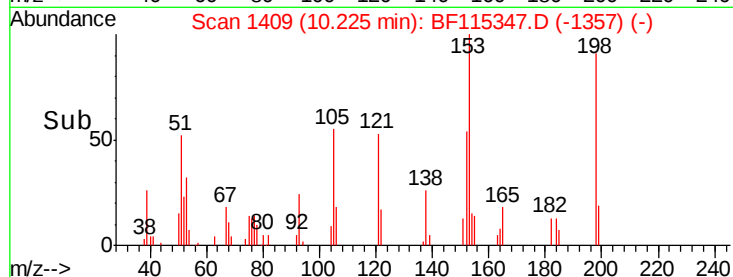
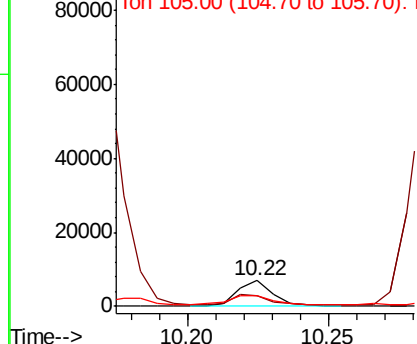
Tot Ion:	198	Resp:	6121
Ion Ratio	Lower	Upper	
198	100		
51	43.6	11.0	51.0
105	43.7	17.3	57.3

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 18.481 ng

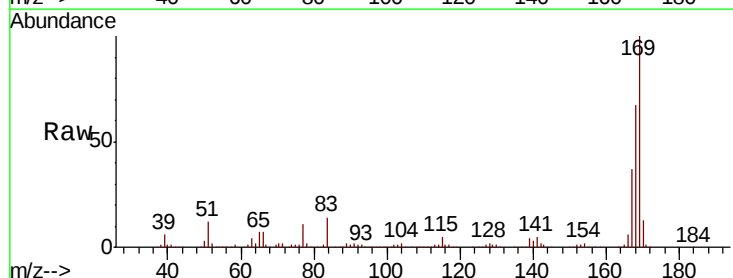
RT: 10.28 min Scan# 1419

Delta R.T. 0.00 min

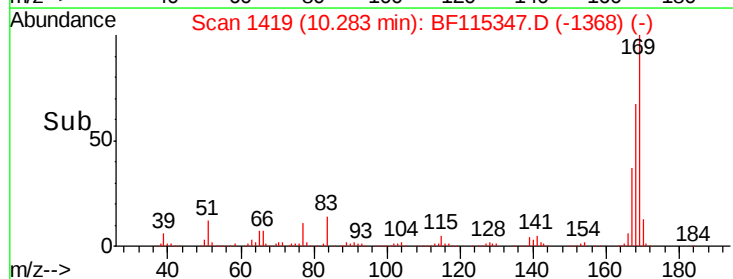
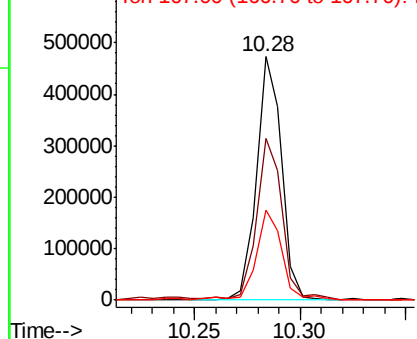
Lab File: BF115347.D

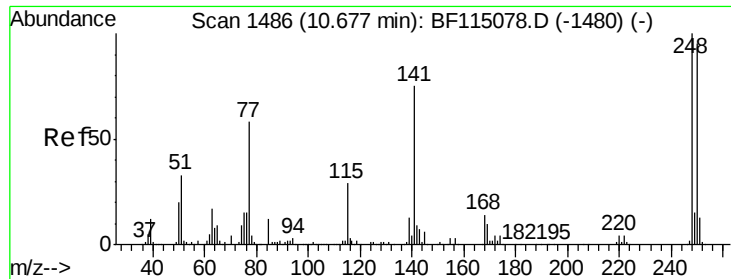
Acq: 1 Jul 2019 19:14

Tgt Ion:	169	Resp:	389177
Ion Ratio	Lower	Upper	
169	100		
168	66.7	54.2	81.4
167	37.0	29.4	44.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 17.856 ng

RT: 10.65 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BF115347.D

Acq: 1 Jul 2019 19:14

Instrument :

BNA_F

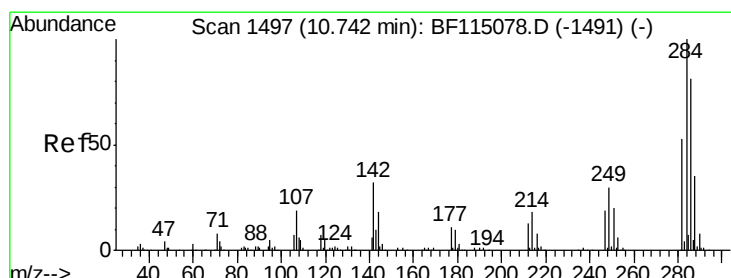
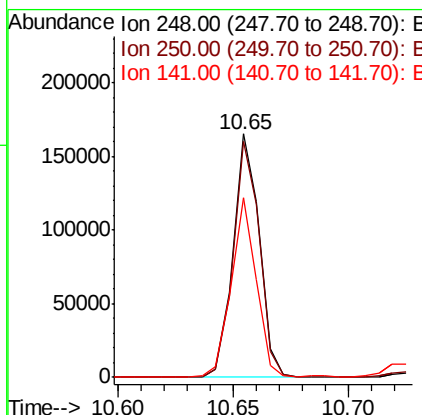
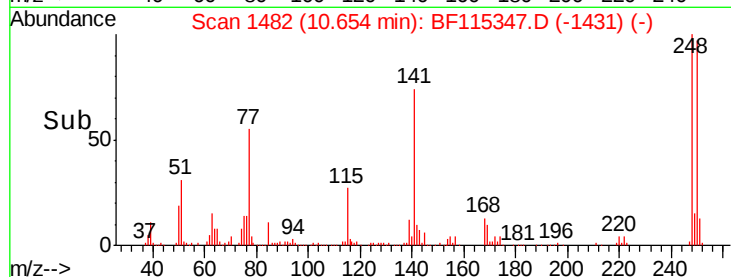
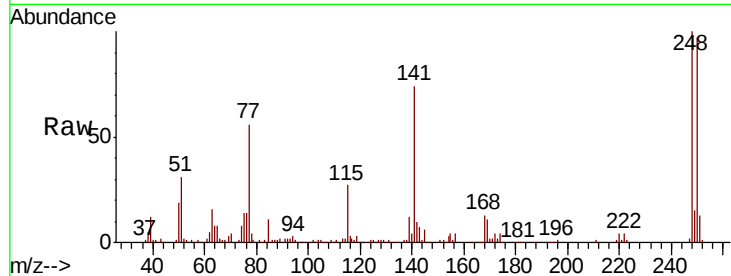
ClientSampleId :

HJDC-COMP-1MSD

Tot Ion:	248	Resp:	130855
Ion Ratio	Lower	Upper	
248	100		
250	96.7	76.2	114.2
141	73.9	59.6	89.4

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#68

Hexachlorobenzene

Concen: 17.771 ng

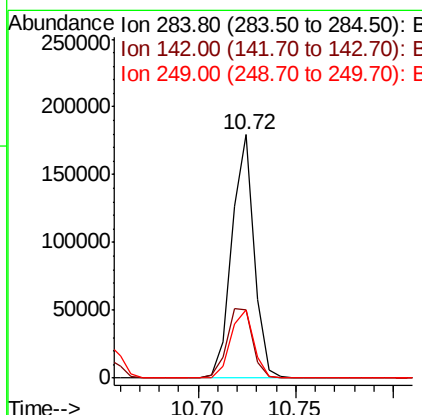
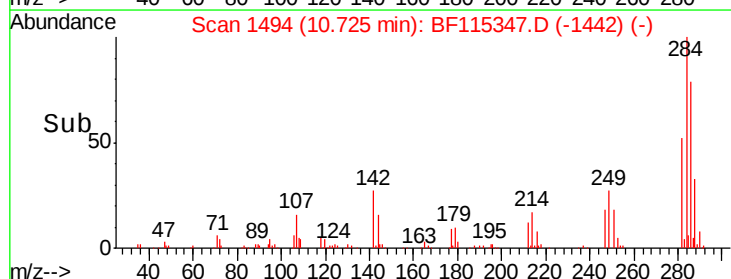
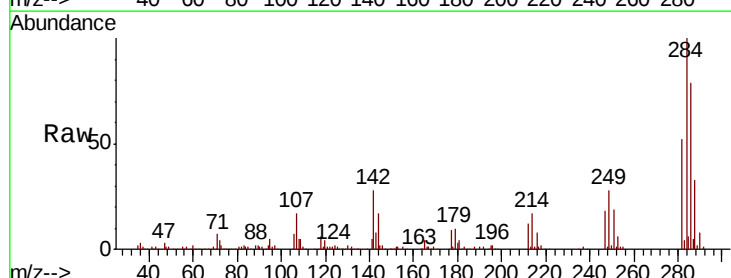
RT: 10.72 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BF115347.D

Acq: 1 Jul 2019 19:14

Tgt Ion:	284	Resp:	141364
Ion Ratio	Lower	Upper	
284	100		
142	28.2	25.8	38.8
249	27.9	24.2	36.4





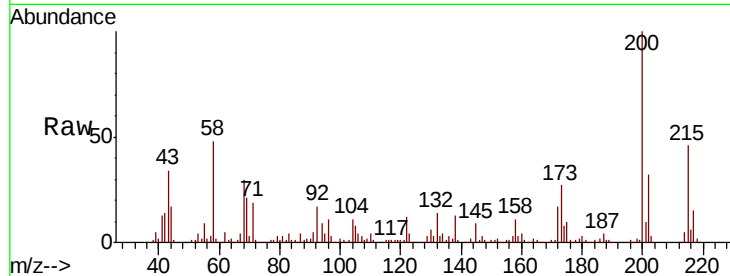
#69
Atrazine
Concen: 18.210 ng
RT: 10.81 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	7.4	47.4
215	45.6	27.8	67.8

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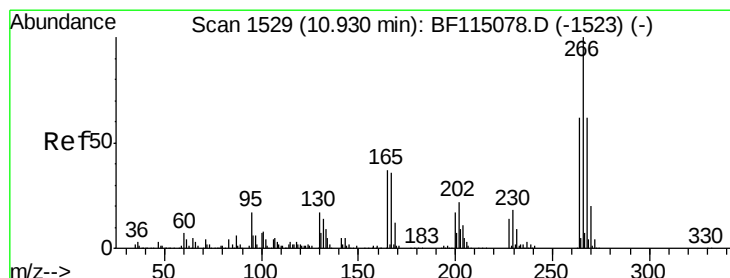
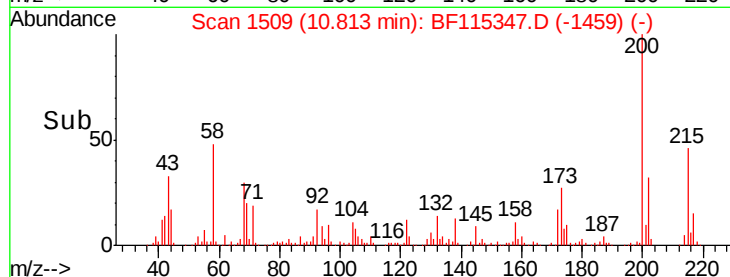
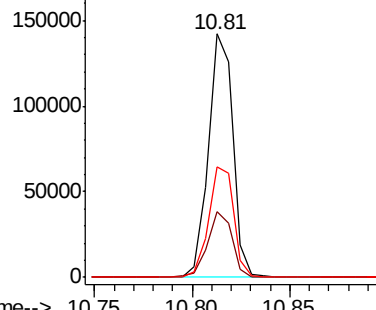


Abundance

Ion 200.00 (199.70 to 200.70): E

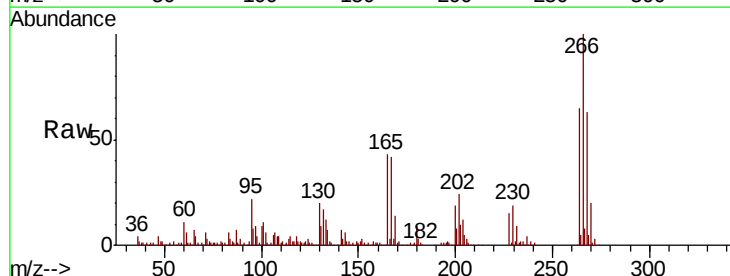
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 28.366 ng
RT: 10.91 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	49.5	74.3
264	64.6	49.3	73.9

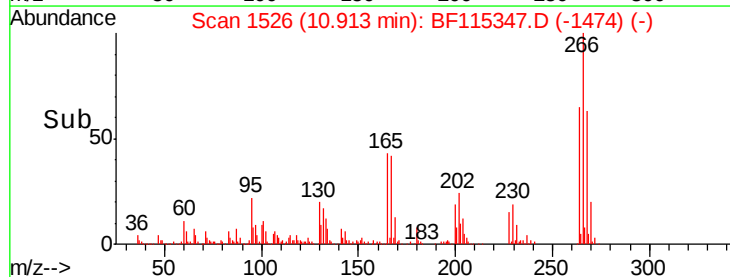
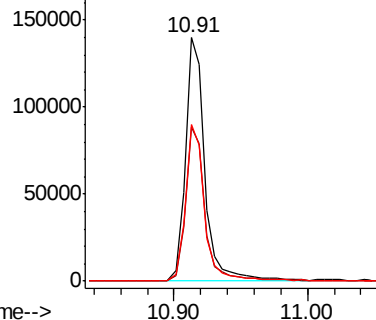


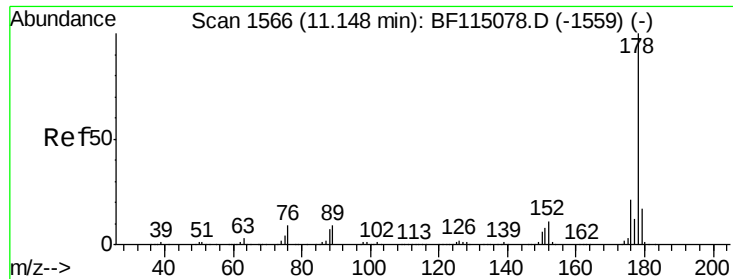
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





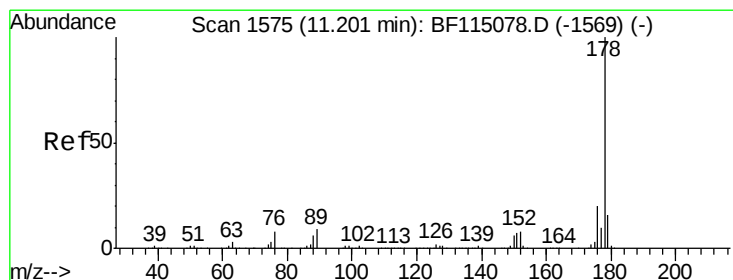
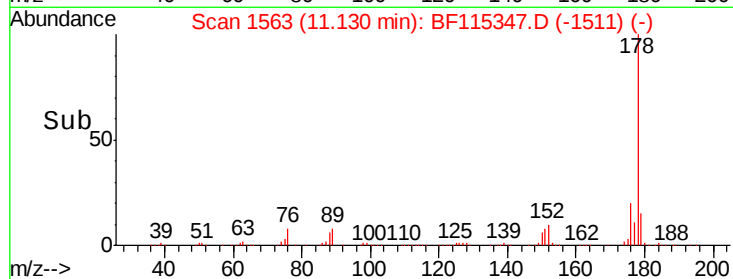
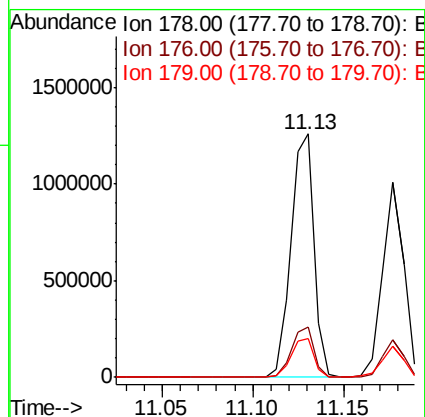
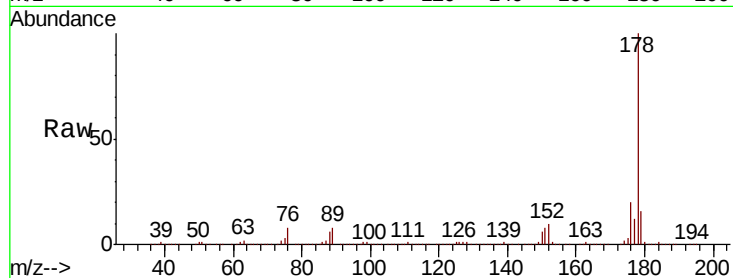
#71
Phenanthrene
Concen: 30.785 ng
RT: 11.13 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.9	25.3
179	15.9	13.2	19.8

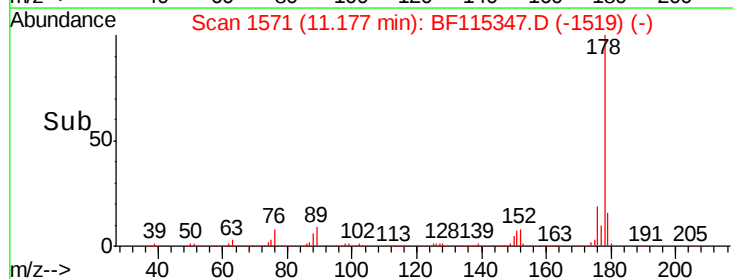
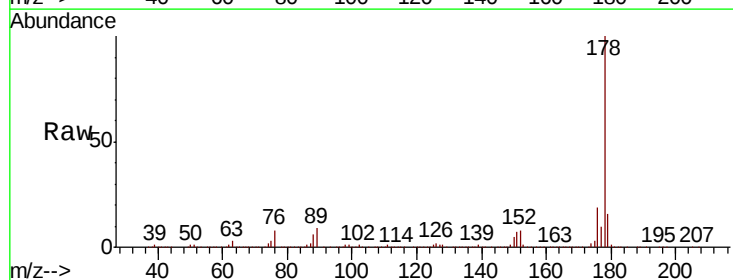
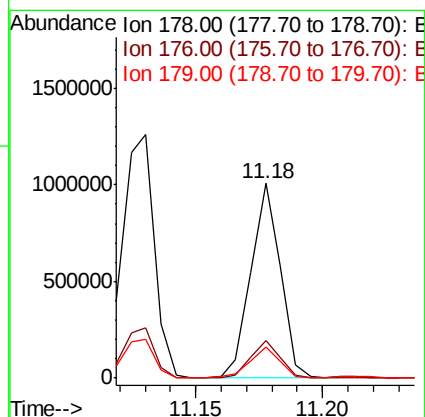
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#72
Anthracene
Concen: 22.048 ng
RT: 11.18 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.1	24.1
179	15.7	12.9	19.3





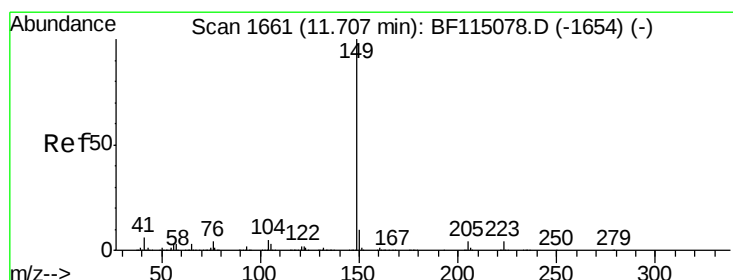
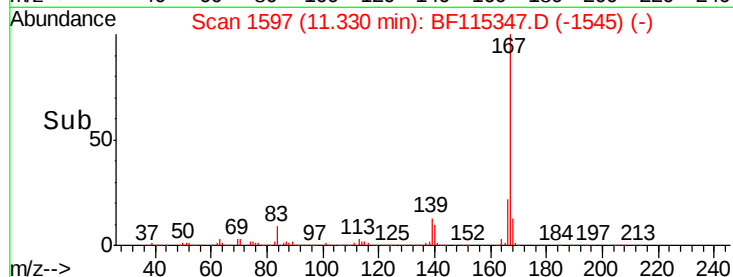
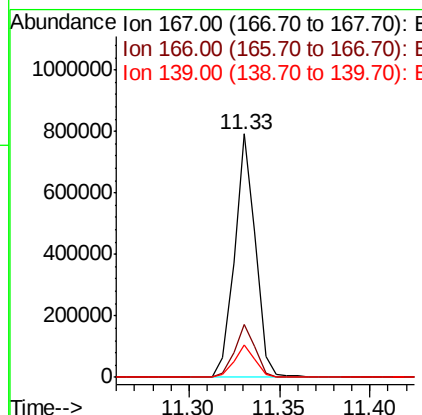
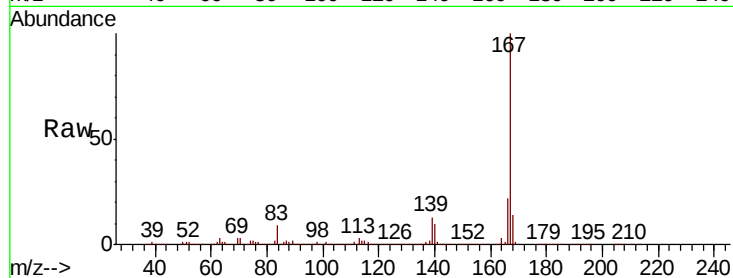
#73
 Carbazole
 Concen: 19.336 ng
 RT: 11.33 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF115347.D
 Acq: 1 Jul 2019 19:14

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.0	27.0
139	13.1	11.1	16.7

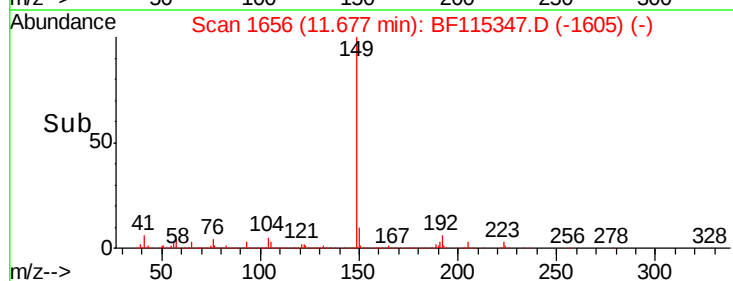
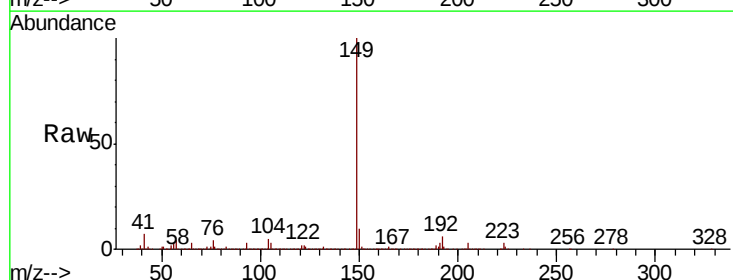
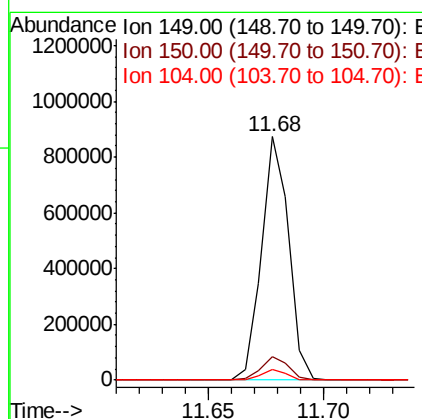
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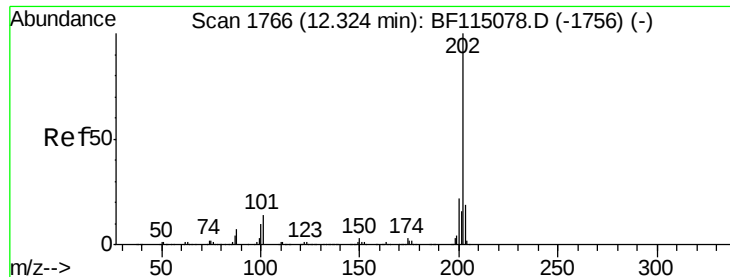
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#74
 Di-n-butylphthalate
 Concen: 18.852 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF115347.D
 Acq: 1 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.8
104	4.6	3.7	5.5





#75

Fluoranthene

Concen: 41.689 ng

RT: 12.31 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF115347.D

Acq: 1 Jul 2019 19:14

Instrument :

BNA_F

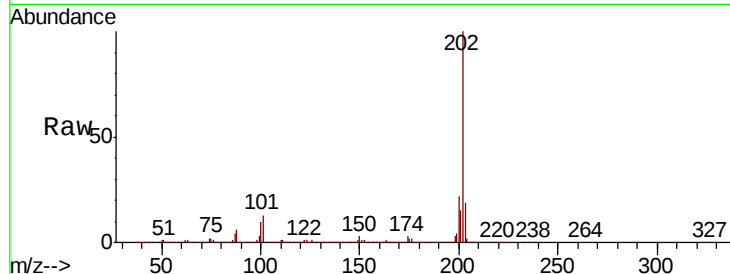
ClientSampleId :

HJDC-COMP-1MSD

Tot Ion:	202	Resp:	1513785
Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.0
203	18.5	0.0	38.8

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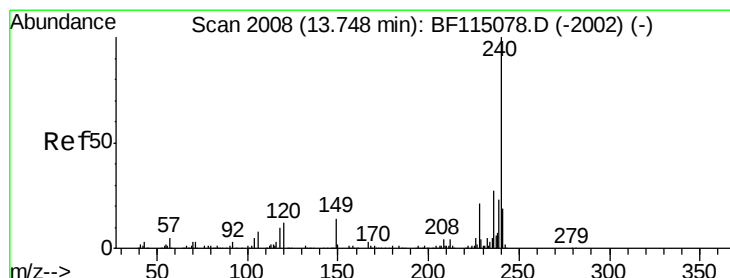
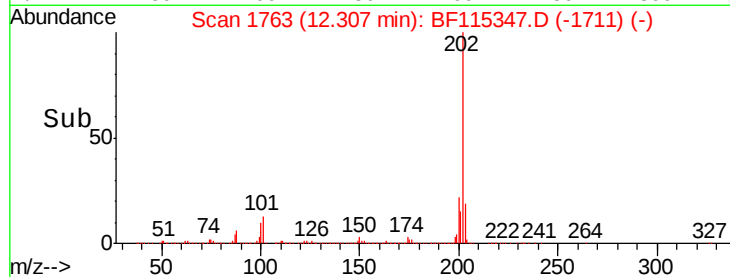
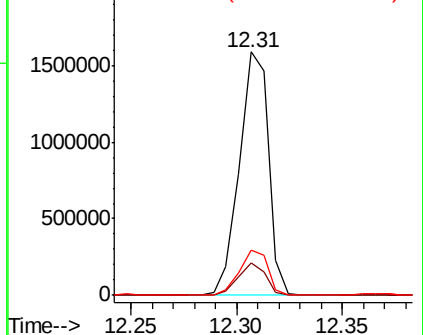


Abundance

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: BF115347.D

Acq: 1 Jul 2019 19:14

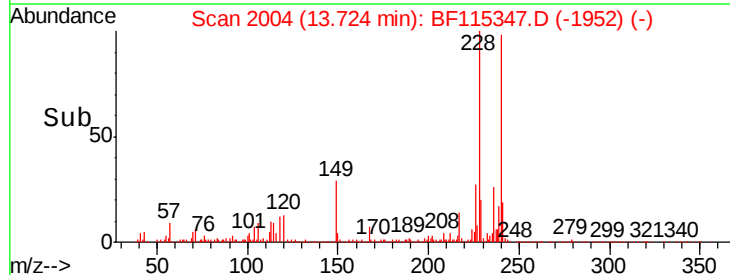
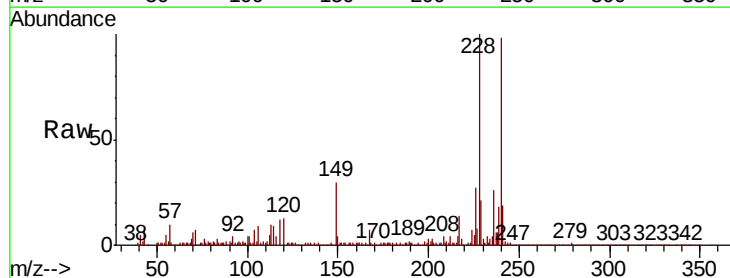
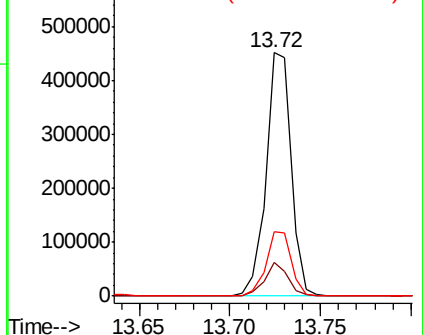
Tgt Ion:	240	Resp:	433300
Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.4	14.2
236	26.7	21.7	32.5

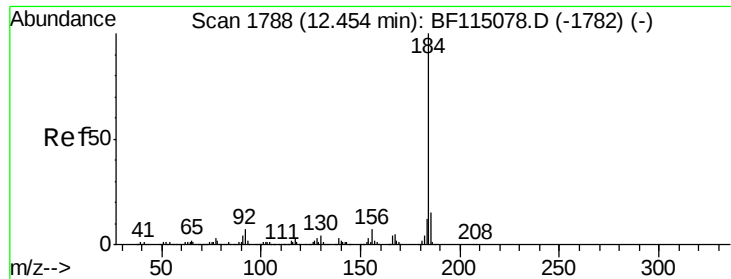
Abundance

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: 12.374 ng

RT: 12.43 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF115347.D

Acq: 1 Jul 2019 19:14

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MSD

Tot Ion:184 Resp: 238076

Ion Ratio Lower Upper

184 100

185 16.0 12.2 18.2

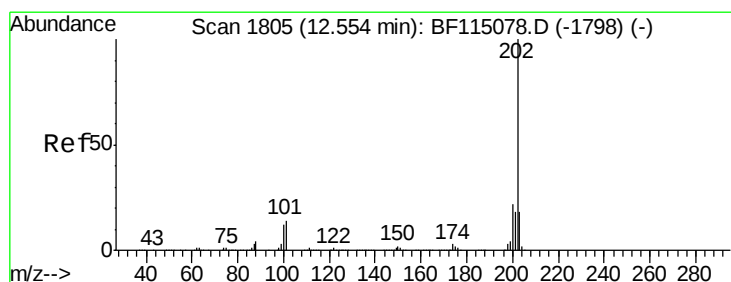
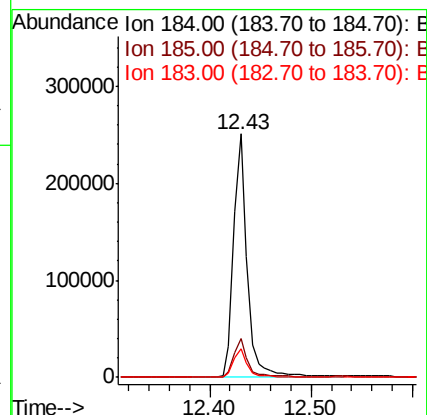
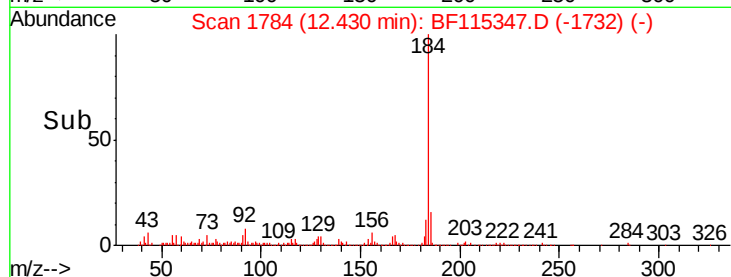
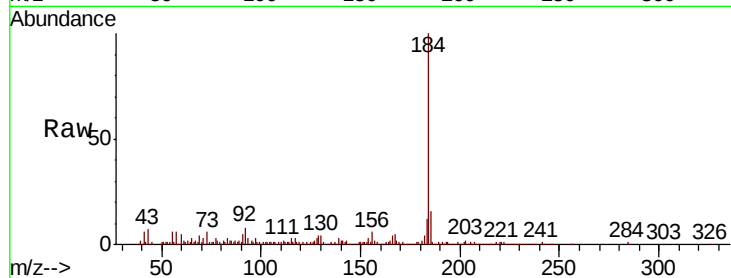
183 11.9 9.6 14.4

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#78

Pyrene

Concen: 44.470 ng

RT: 12.54 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF115347.D

Acq: 1 Jul 2019 19:14

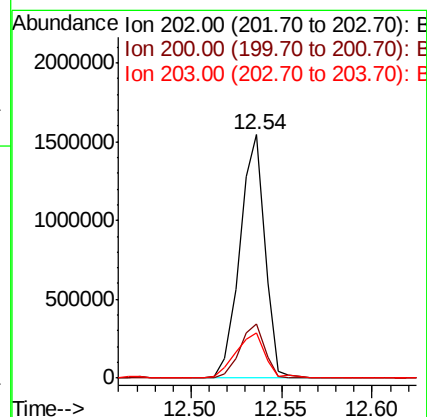
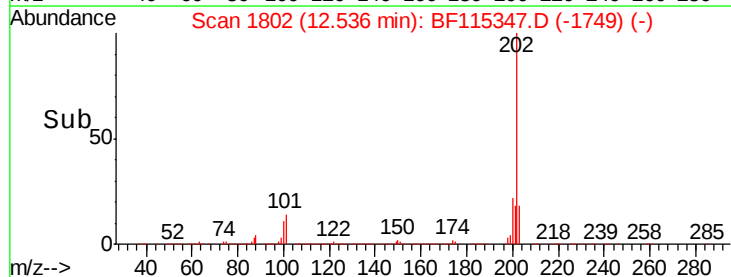
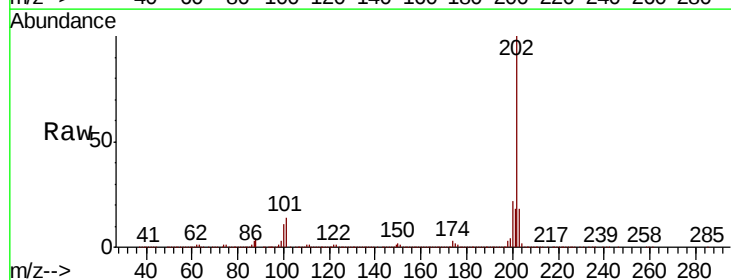
Tgt Ion:202 Resp: 1480823

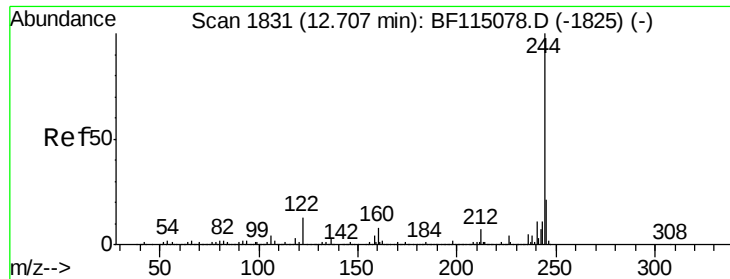
Ion Ratio Lower Upper

202 100

200 22.4 17.9 26.9

203 18.3 14.6 21.8





#79

Terphenyl-d14

Concen: 46.537 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF115347.D

Acq: 1 Jul 2019 19:14

Instrument :

BNA_F

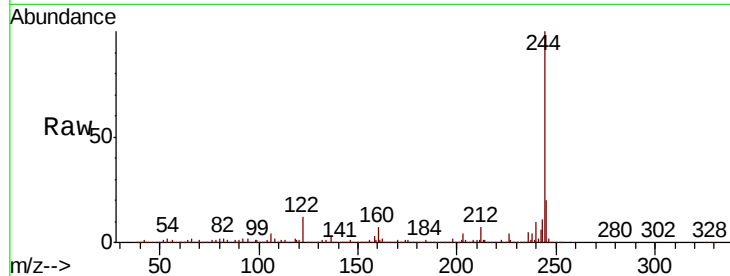
ClientSampleId :

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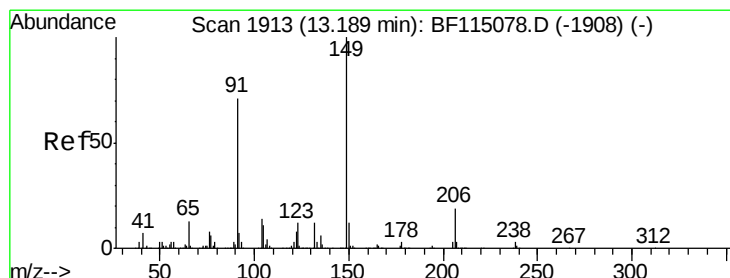
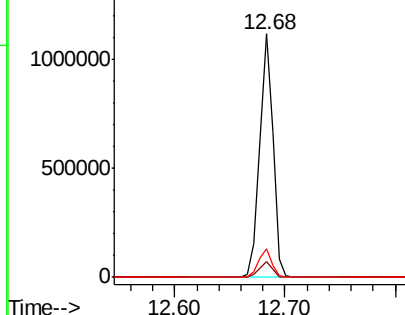
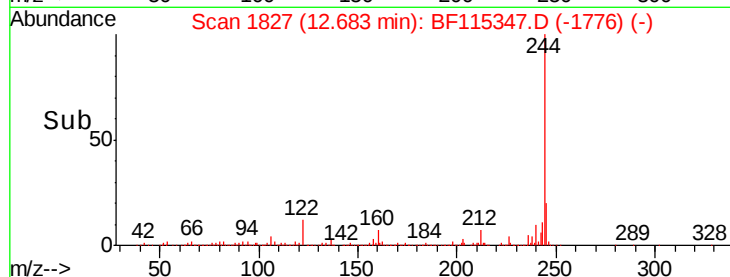
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.6
122	11.7	10.4	15.6

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Abundance Ion 244.00 (243.70 to 244.70): E
1500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 22.586 ng

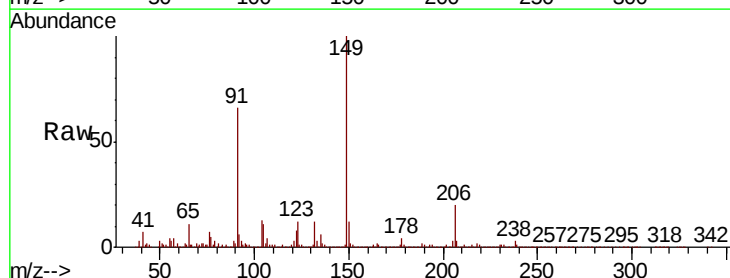
RT: 13.17 min Scan# 1909

Delta R.T. 0.01 min

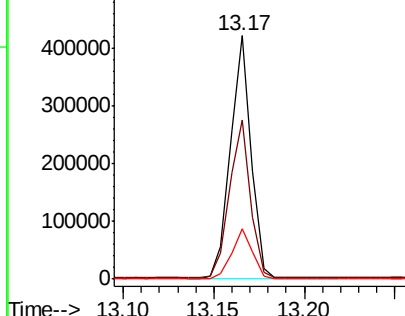
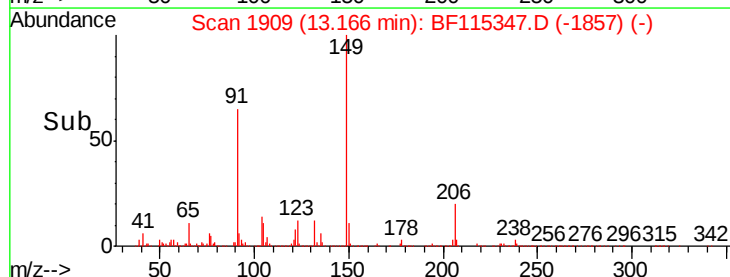
Lab File: BF115347.D

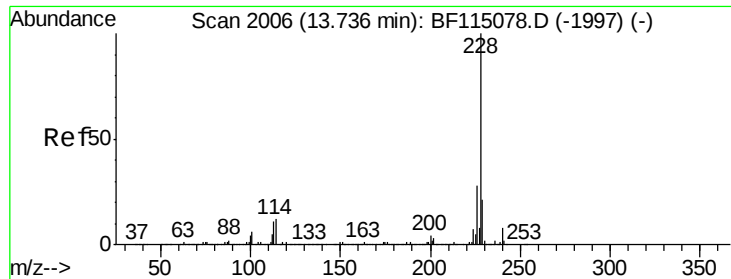
Acq: 1 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.6	56.5	84.7
206	20.4	15.3	22.9



Abundance Ion 149.00 (148.70 to 149.70): E
500000
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





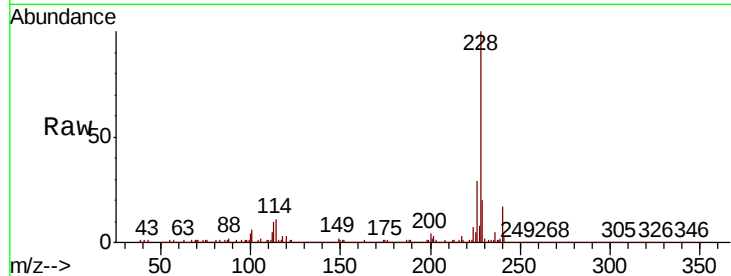
#81
Benzo(a)anthracene
Concen: 30.952 ng
RT: 13.72 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.5	33.7
229	20.4	16.6	24.8

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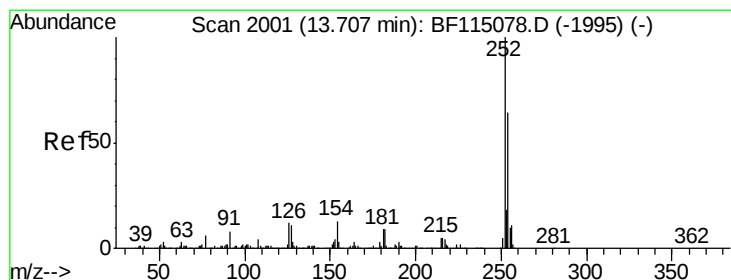
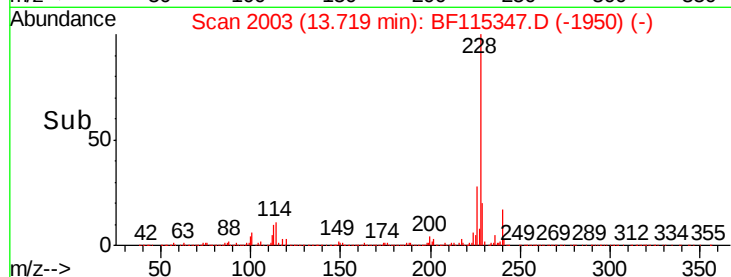
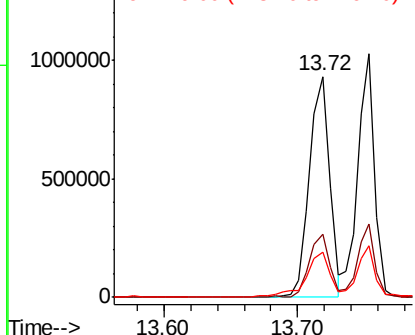


Abundance

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: 16.248 ng
RT: 13.68 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

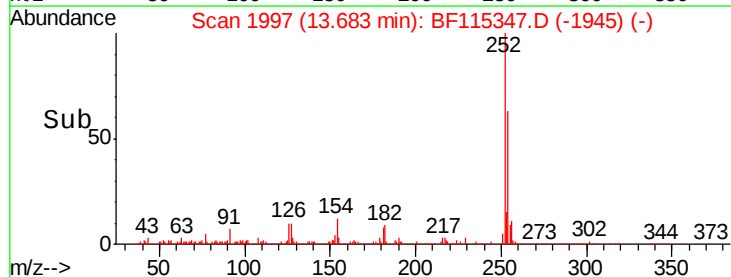
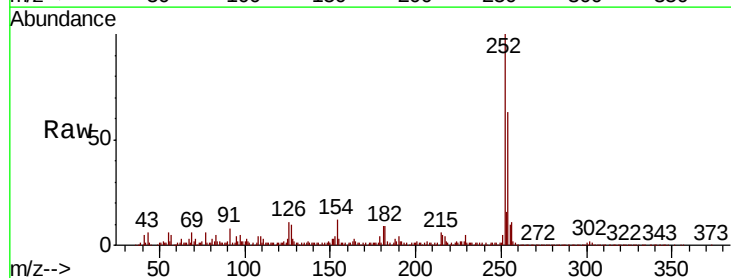
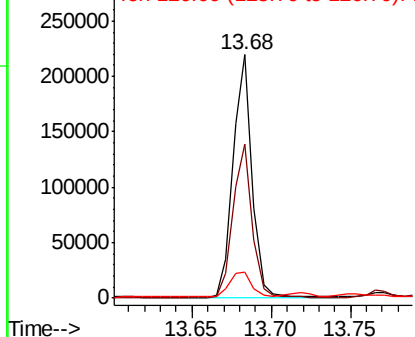
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.1	76.7
126	10.6	9.4	14.0

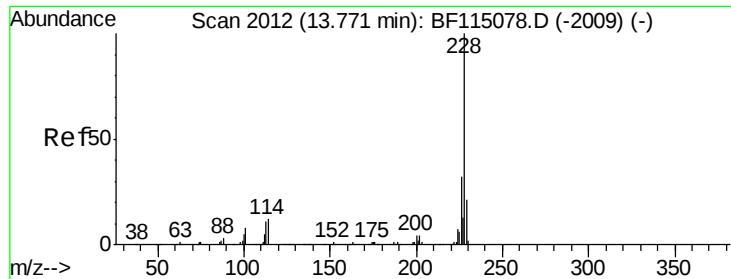
Abundance

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





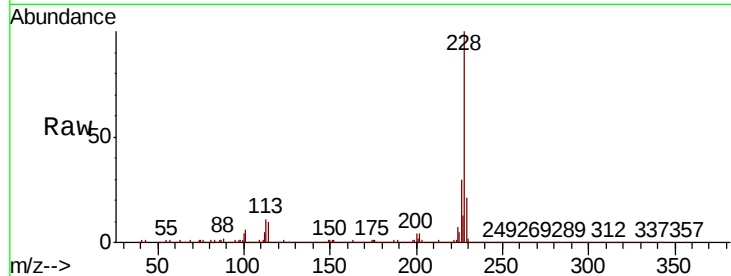
#83
 Chrvsene
 Concen: 31.567 ng
 RT: 13.75 min Scan# 2009
 Delta R.T. 0.01 min
 Lab File: BF115347.D
 Acq: 1 Jul 2019 19:14

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.4	38.0
229	21.0	16.5	24.7

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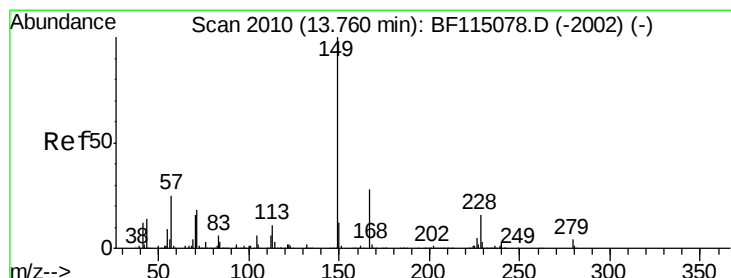
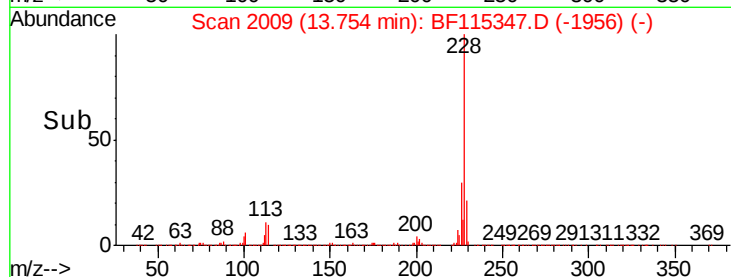
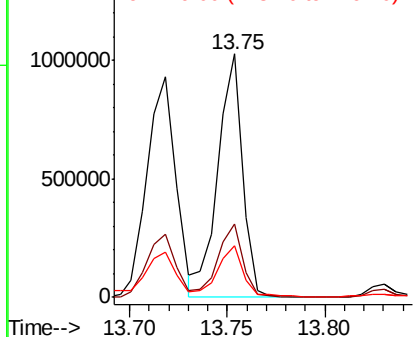


Abundance

Ion 228.00 (227.70 to 228.70): E

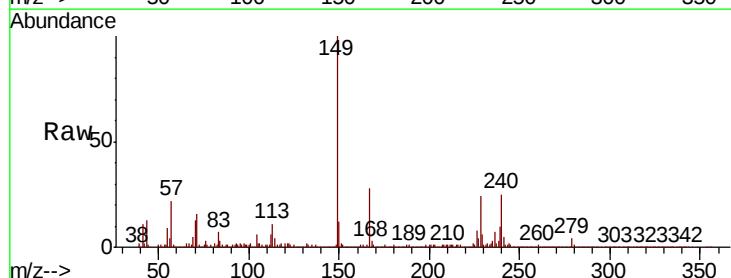
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 21.711 ng
 RT: 13.74 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: BF115347.D
 Acq: 1 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.2	33.4
279	4.5	2.9	4.3#

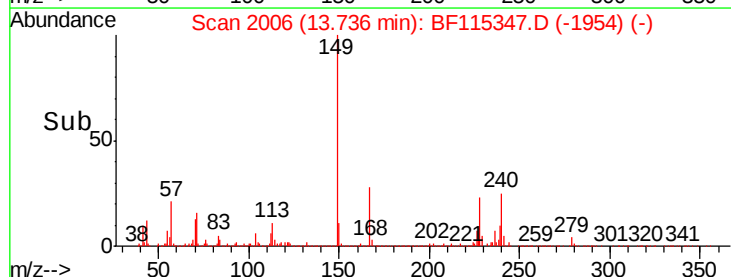
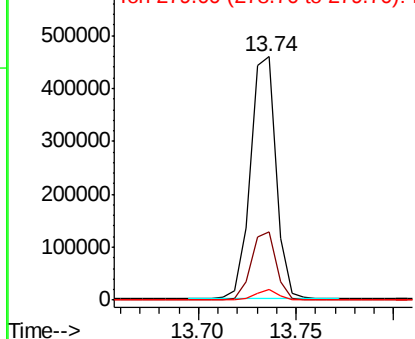


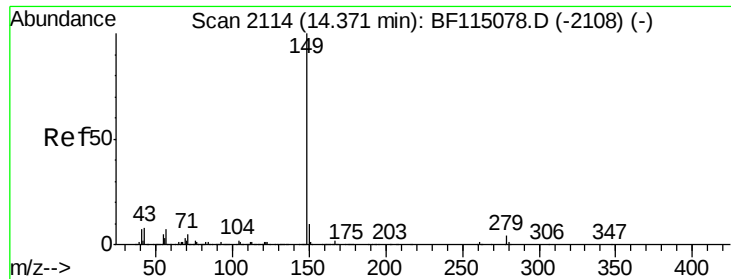
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 18.746 ng

RT: 14.34 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BF115347.D

Acq: 1 Jul 2019 19:14

Instrument :

BNA_F

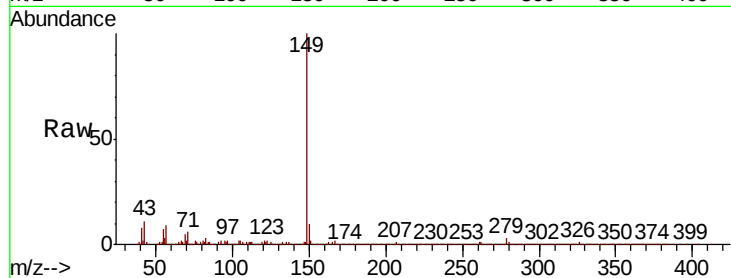
ClientSampleId :

HJDC-COMP-1MSD

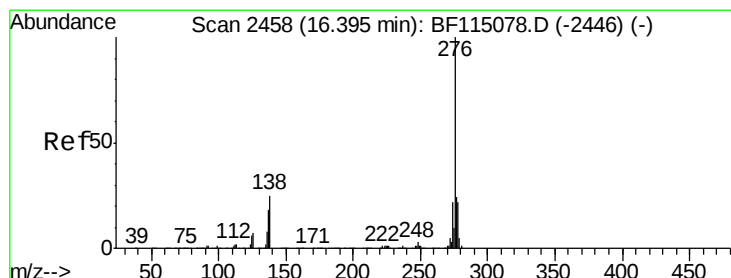
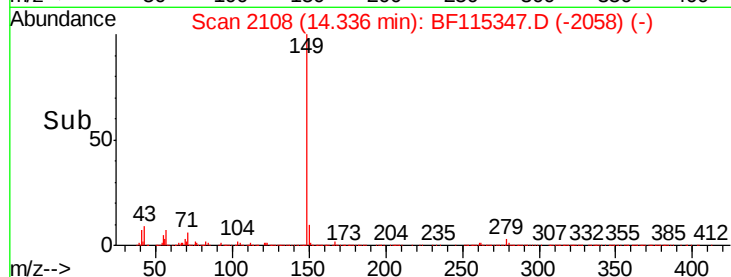
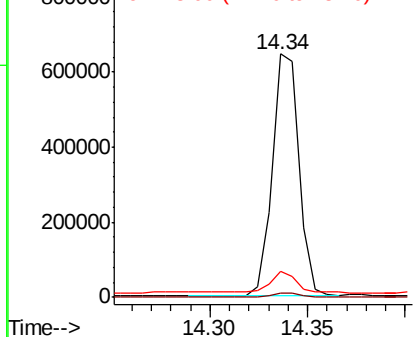
Tot Ion:	149	Resp:	606496
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	8.6	7.0	10.6

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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: 15.687 ng

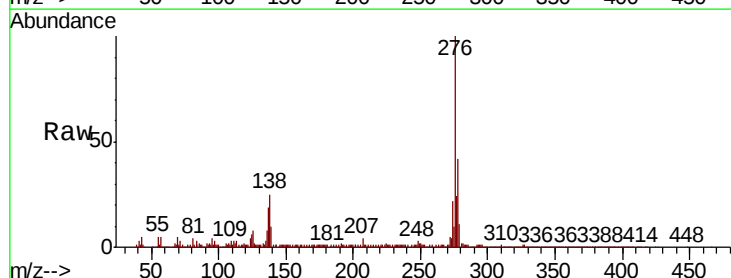
RT: 16.37 min Scan# 2453

Delta R.T. 0.01 min

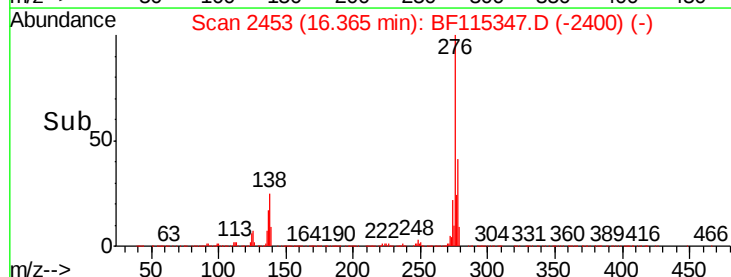
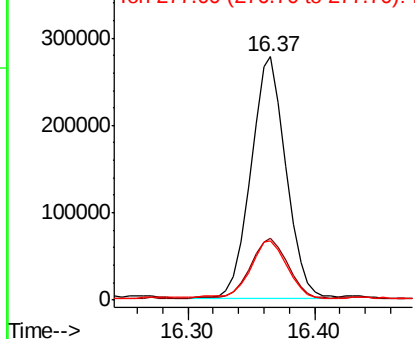
Lab File: BF115347.D

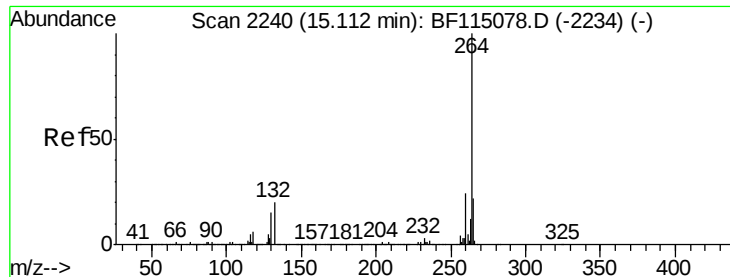
Acq: 1 Jul 2019 19:14

Tgt Ion:	276	Resp:	528642
Ion Ratio	Lower	Upper	
276	100		
138	26.8	23.2	34.8
277	26.2	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# 2236

Delta R.T. 0.01 min

Lab File: BF115347.D

Acq: 1 Jul 2019 19:14

Instrument :

BNA_F

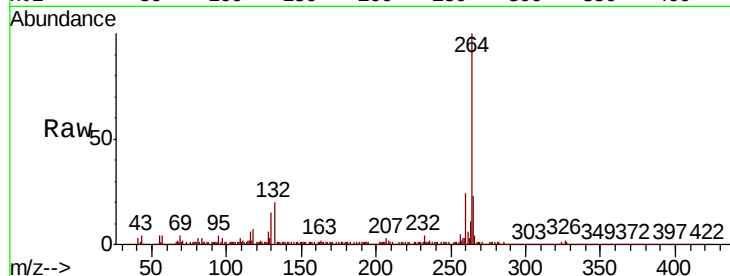
ClientSampleId :

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Tot Ion:	264	Resp:	378730
Ion Ratio		Lower	Upper
264	100		
260	24.0	19.6	29.4
265	22.9	17.3	25.9

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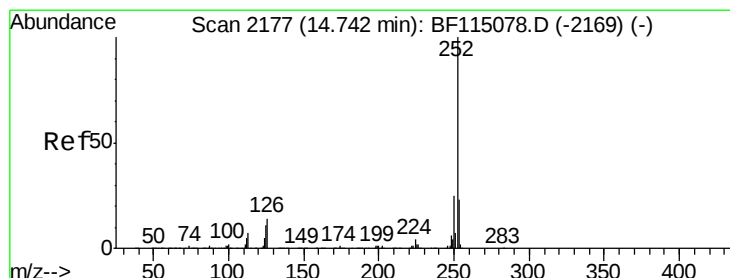
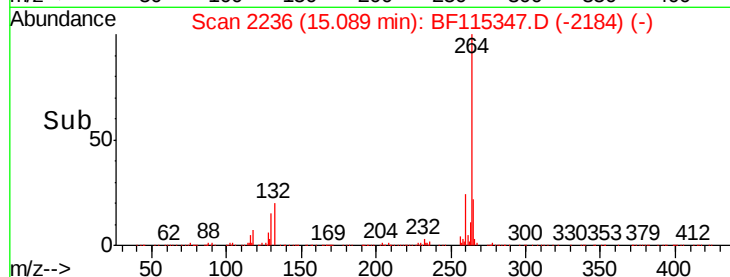
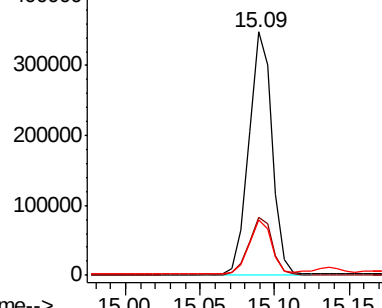


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 34.274 ng

RT: 14.72 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BF115347.D

Acq: 1 Jul 2019 19:14

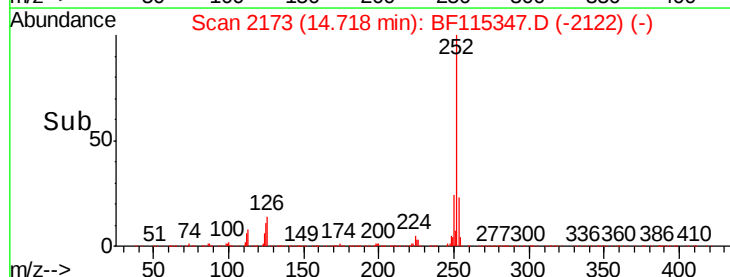
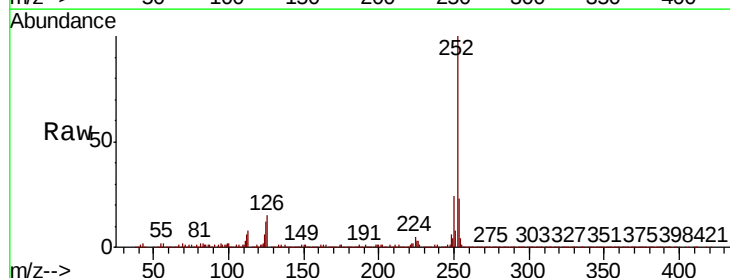
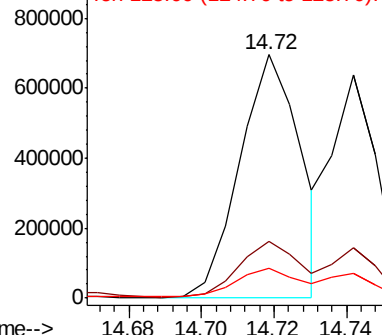
Tgt Ion:	252	Resp:	809950
Ion Ratio		Lower	Upper
252	100		
253	23.2	18.1	27.1
125	12.1	8.7	13.1

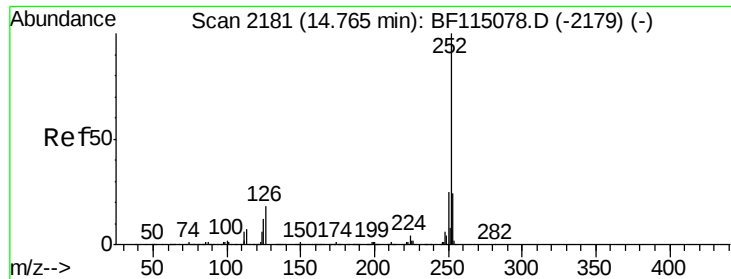
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 25.876 ng

RT: 14.74 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BF115347.D

Acq: 1 Jul 2019 19:14

Instrument :

BNA_F

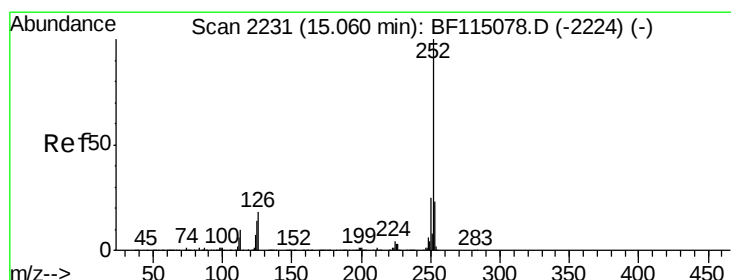
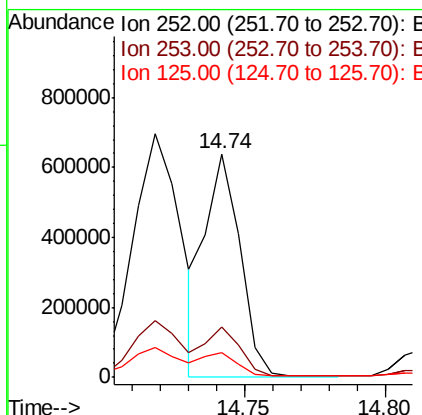
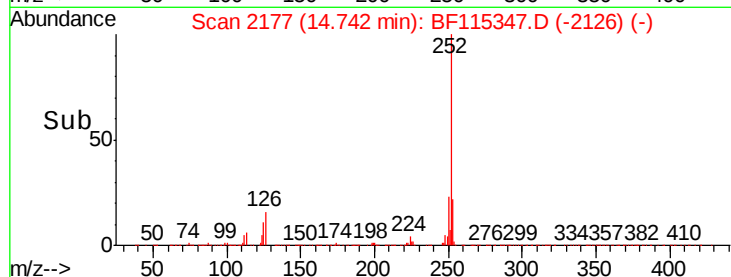
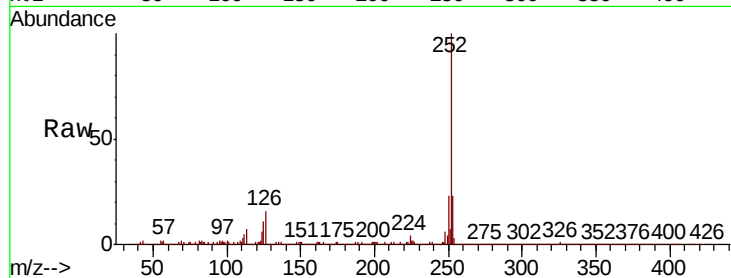
ClientSampleId :

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Tot Ion:	252	Resp:	548388
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.9	28.3
125	11.3	10.2	15.2

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 31.169 ng

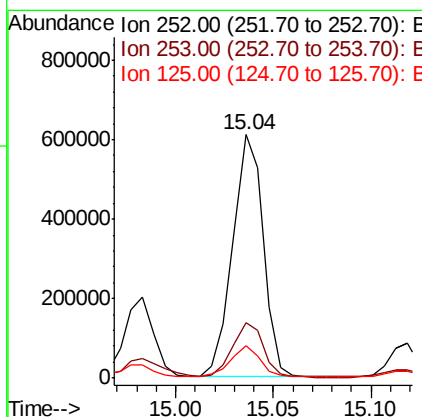
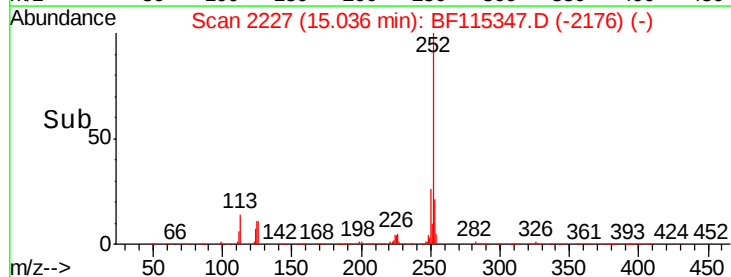
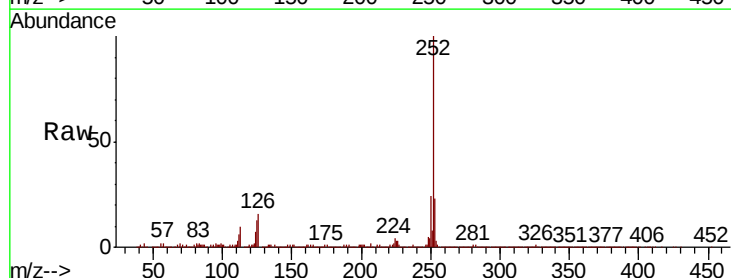
RT: 15.04 min Scan# 2227

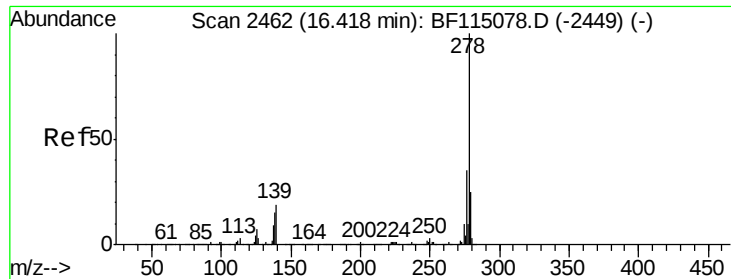
Delta R.T. 0.00 min

Lab File: BF115347.D

Acq: 1 Jul 2019 19:14

Tgt Ion:	252	Resp:	663896
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.3	27.5
125	13.3	10.9	16.3





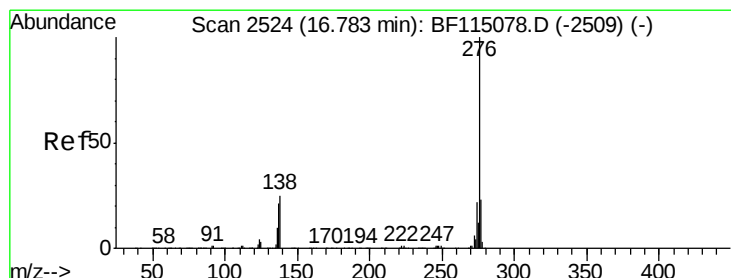
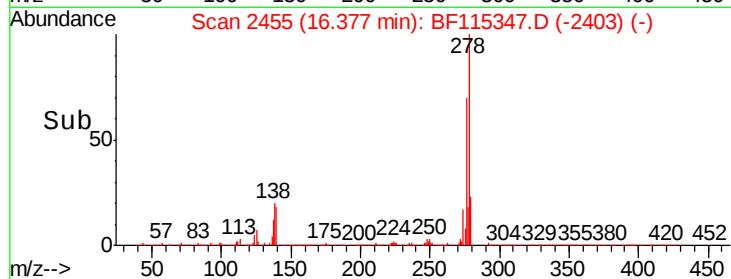
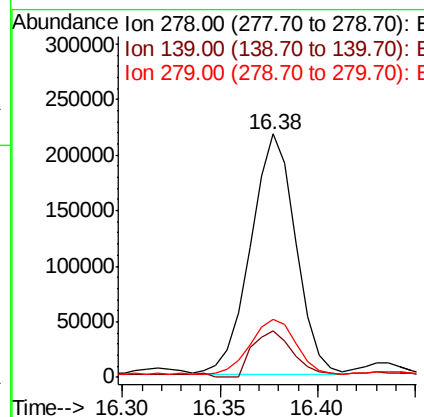
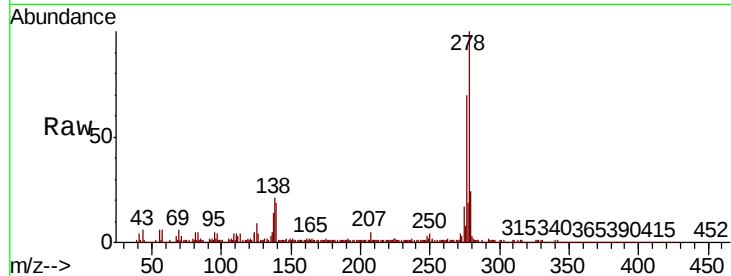
#91
Dibenzo(a,h)anthracene
Concen: 17.401 ng
RT: 16.38 min Scan# 2455
Delta R.T. 0.01 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.4	23.2
279	24.0	19.9	29.9

Manual Integrations
APPROVED

mohammad
7/2/2019 2:53:50 PM



#92
Benzo(g,h,i)perylene
Concen: 22.333 ng
RT: 16.75 min Scan# 2518
Delta R.T. 0.01 min
Lab File: BF115347.D
Acq: 1 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	23.0	19.8	29.6

