

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081219\
 Data File : BF116187.D
 Acq On : 12 Aug 2019 13:05
 Operator : HP/JU
 Sample : PB122156BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122156BS

Quant Time: Aug 12 15:02:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	136018	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	564043	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	309346	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	542469	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	371317	20.00	ng	0.00
87) Perylene-d12	15.47	264	288233	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	886325	109.09	ng	0.00
7) Phenol-d6	6.48	99	1105045	107.80	ng	0.00
23) Nitrobenzene-d5	7.40	82	733150	75.03	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	334806	111.63	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1303866	78.95	ng	-0.01
79) Terphenyl-d14	12.94	244	1479197	83.94	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	154832	37.721	ng	97
3) Pyridine	3.43	79	340725	29.716	ng	99
4) n-Nitrosodimethylamine	3.38	42	155071	34.270	ng	100
6) Aniline	6.50	93	409575	27.899	ng	# 86
8) 2-Chlorophenol	6.63	128	375213	41.762	ng	99
9) Benzaldehyde	6.39	77	113880	16.100	ng	95
10) Phenol	6.49	94	473785	39.247	ng	95
11) bis(2-Chloroethyl)ether	6.57	93	356942	40.217	ng	98
12) 1,3-Dichlorobenzene	6.77	146	395020	38.043	ng	98
13) 1,4-Dichlorobenzene	6.85	146	404222	38.880	ng	98
14) 1,2-Dichlorobenzene	7.00	146	371558	38.812	ng	99
15) Benzyl Alcohol	6.98	79	304601	39.154	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	476638	39.372	ng	82
17) 2-Methylphenol	7.09	107	315474	41.468	ng	99
18) Hexachloroethane	7.34	117	146633	38.307	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	258626	40.713	ng	99
20) 3+4-Methylphenols	7.25	107	384251	42.681	ng	93
22) Acetophenone	7.25	105	511147	41.321	ng	99
24) Nitrobenzene	7.42	77	421550	39.954	ng	99
25) Isophorone	7.66	82	769162	41.165	ng	99
26) 2-Nitrophenol	7.73	139	208616	41.945	ng	99
27) 2,4-Dimethylphenol	7.77	122	341359	45.620	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	474768	40.995	ng	100
29) 2,4-Dichlorophenol	7.98	162	332804	42.124	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	357006	39.641	ng	99
31) Naphthalene	8.13	128	1099077	41.408	ng	99
32) Benzoic acid	7.93	122	191378	36.277	ng	98
33) 4-Chloroaniline	8.19	127	319872	26.972	ng	99
34) Hexachlorobutadiene	8.25	225	197741	38.119	ng	99
35) Caprolactam	8.56	113	55655	21.780	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	351170	42.726	ng	99
37) 2-Methylnaphthalene	8.83	142	739203	42.287	ng	98
38) 1-Methylnaphthalene	8.93	142	697999	42.207	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	340145	41.130	ng	99

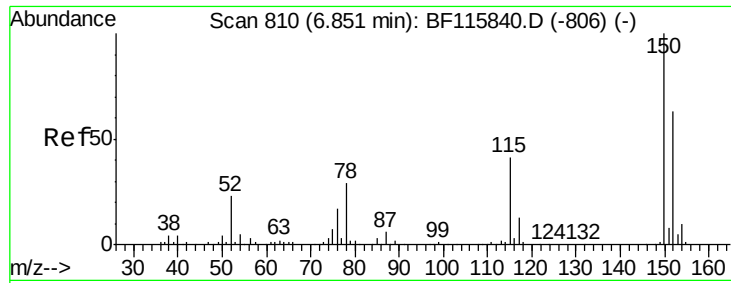
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081219\
 Data File : BF116187.D
 Acq On : 12 Aug 2019 13:05
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 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	132828	39.050	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	221658	38.939	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	234644	39.877	ng	99
46) 1,1'-Biphenyl	9.29	154	905706	41.471	ng	99
47) 2-Chloronaphthalene	9.32	162	718399	39.522	ng	98
48) 2-Nitroaniline	9.42	65	225867	37.593	ng	98
49) Acenaphthylene	9.73	152	1074294	40.511	ng	99
50) Dimethylphthalate	9.59	163	857235	40.699	ng	100
51) 2,6-Dinitrotoluene	9.66	165	189647	41.432	ng	99
52) Acenaphthene	9.90	154	653803	40.187	ng	99
53) 3-Nitroaniline	9.83	138	146499	25.902	ng	96
54) 2,4-Dinitrophenol	9.95	184	156297	68.391	ng	99
55) Dibenzofuran	10.08	168	940310	39.744	ng	100
56) 4-Nitrophenol	10.01	139	236379	65.241	ng	95
57) 2,4-Dinitrotoluene	10.07	165	238048	39.060	ng	96
58) Fluorene	10.42	166	756617	41.566	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	207952	42.006	ng	99
60) Diethylphthalate	10.29	149	833142	42.367	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	381952	41.432	ng	98
62) 4-Nitroaniline	10.45	138	199800	34.183	ng	97
63) Azobenzene	10.57	77	851540	42.100	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	123807	43.067	ng	93
66) n-Nitrosodiphenylamine	10.53	169	683531	41.863	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	239743	41.284	ng	99
68) Hexachlorobenzene	10.97	284	263304	39.211	ng	99
69) Atrazine	11.06	200	211046	39.290	ng	100
70) Pentachlorophenol	11.17	266	239636	73.505	ng	98
71) Phenanthrene	11.39	178	1117562	40.298	ng	99
72) Anthracene	11.44	178	1162959	41.436	ng	99
73) Carbazole	11.59	167	1052590	41.338	ng	99
74) Di-n-butylphthalate	11.91	149	1288639	43.383	ng	100
75) Fluoranthene	12.57	202	1171064	40.336	ng	98
77) Benzidine	12.69	184	329830	26.292	ng	97
78) Pyrene	12.80	202	1203323	42.991	ng	99
80) Butylbenzylphthalate	13.41	149	530114	44.773	ng	98
81) Benzo(a)anthracene	13.99	228	957851	40.359	ng	100
82) 3,3'-Dichlorobenzidine	13.94	252	288937	35.042	ng	98
83) Chrysene	14.03	228	944971	41.012	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	732870	47.632	ng	99
85) Di-n-octyl phthalate	14.57	149	1121350	45.884	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	737209	38.094	ng	99
88) Benzo(b)fluoranthene	15.04	252	815306	48.920	ng	99
89) Benzo(k)fluoranthene	15.07	252	782328	48.194	ng	98
90) Benzo(a)pyrene	15.41	252	742932	49.868	ng	100
91) Dibenzo(a,h)anthracene	16.94	278	624647	48.438	ng	99
92) Benzo(g,h,i)perylene	17.39	276	615932	48.633	ng	98

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

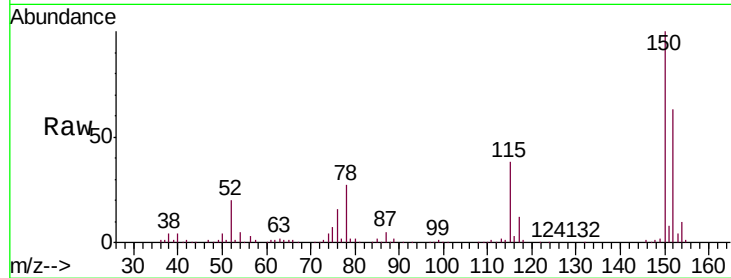


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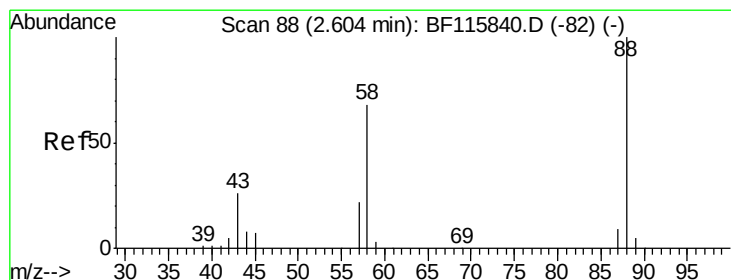
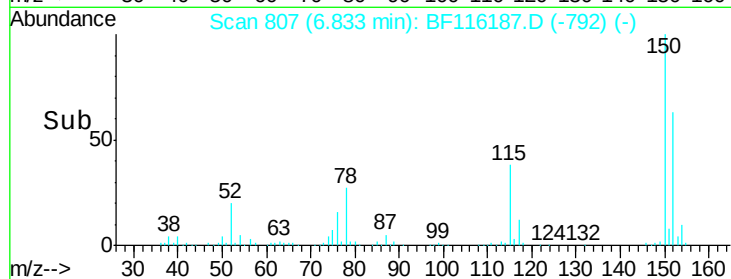
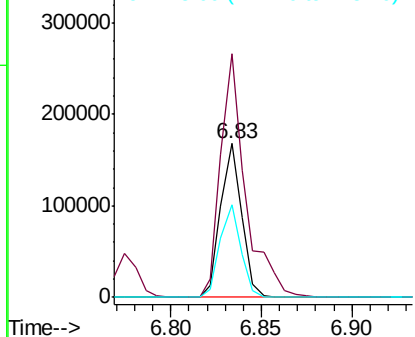
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB122156BS

Tgt Ion: 152 Resp: 136018
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.2
115 60.6 49.9 74.9



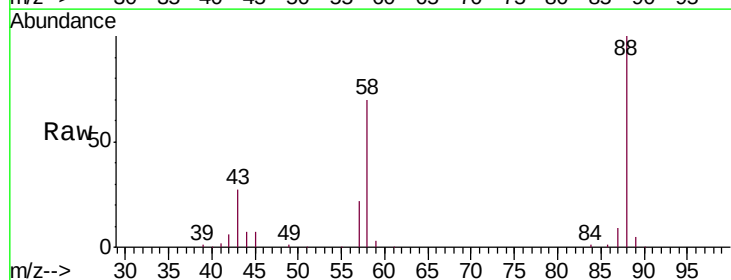
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



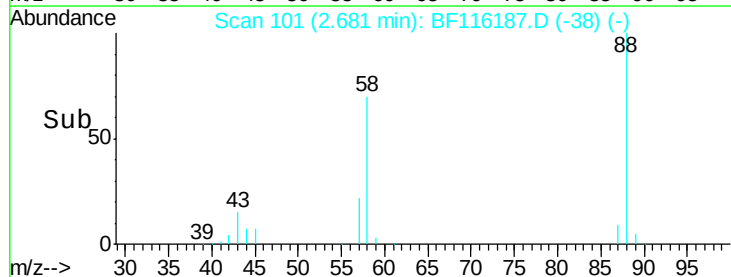
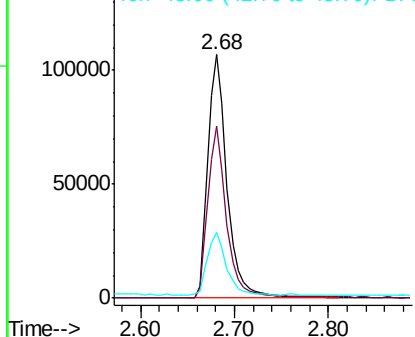
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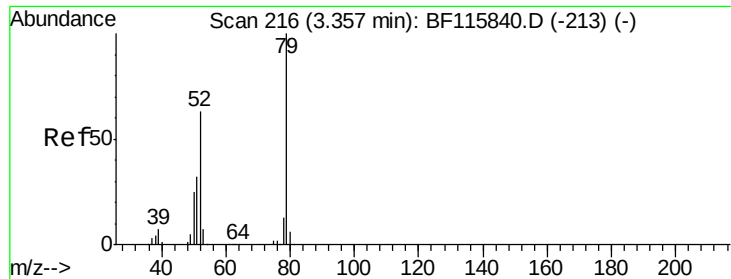
1,4-Dioxane
Concen: 37.721 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.07 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion: 88 Resp: 154832
Ion Ratio Lower Upper
88 100
58 69.8 53.7 80.5
43 25.4 21.0 31.4



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

Pyridine

Concen: 29.716 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.06 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB122156BS

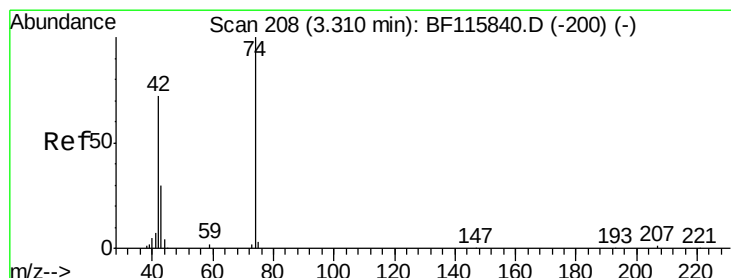
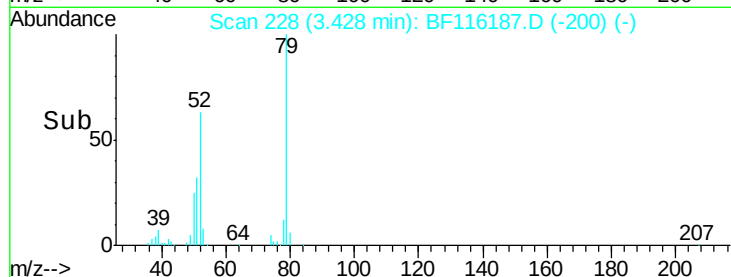
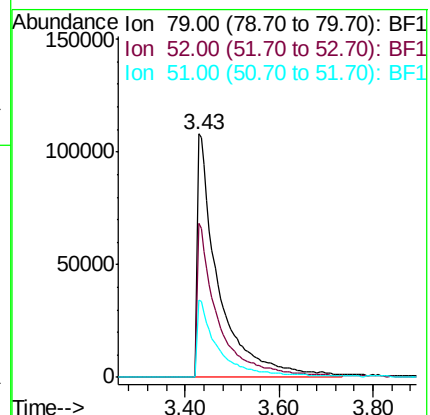
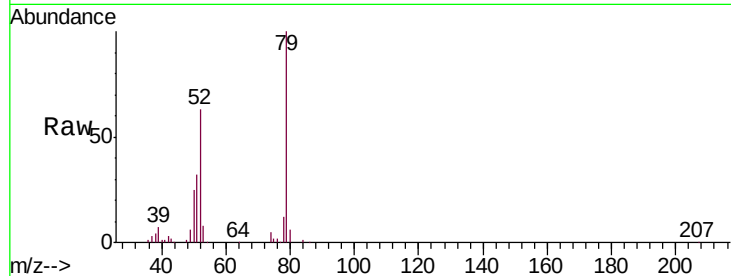
Tgt Ion: 79 Resp: 340725

Ion Ratio Lower Upper

79 100

52 63.2 49.8 74.8

51 31.5 25.2 37.8



#4

n-Nitrosodimethylamine

Concen: 34.270 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.05 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

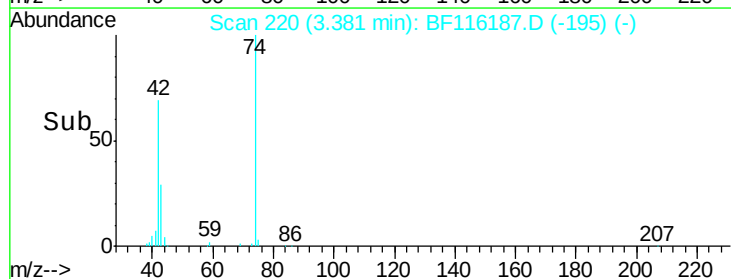
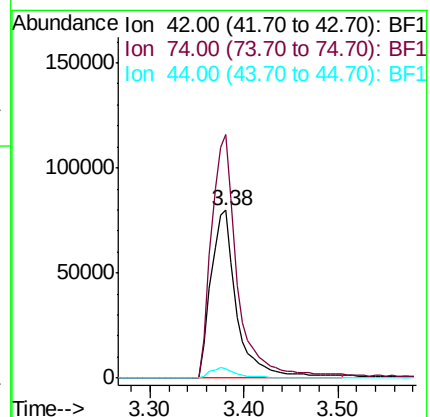
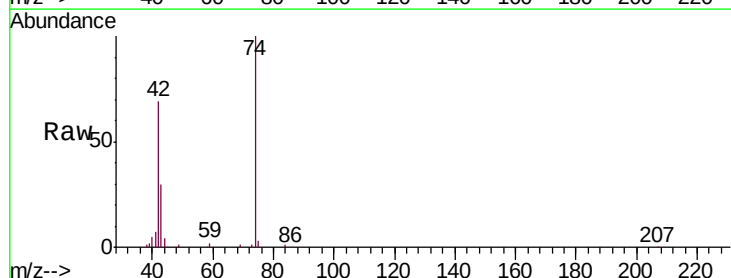
Tgt Ion: 42 Resp: 155071

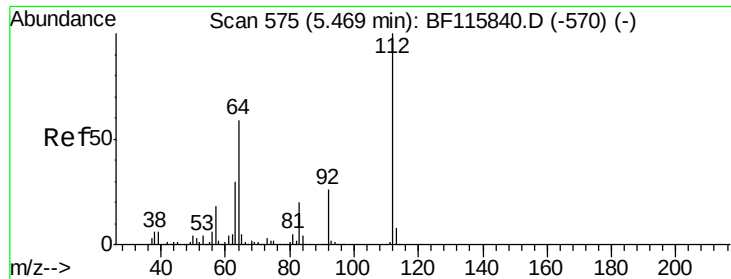
Ion Ratio Lower Upper

42 100

74 145.4 116.0 174.0

44 5.8 4.6 7.0





#5

2-Fluorophenol

Concen: 109.086 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB122156BS

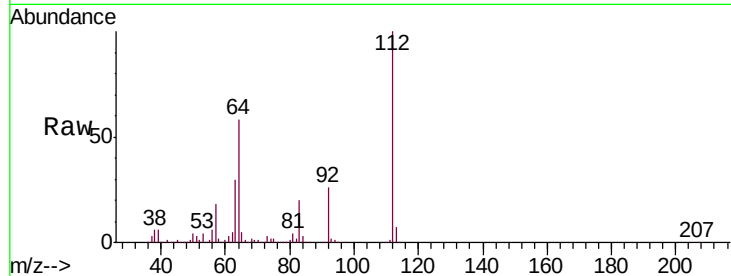
Tgt Ion: 112 Resp: 886325

Ion Ratio Lower Upper

112 100

64 57.7 45.4 68.2

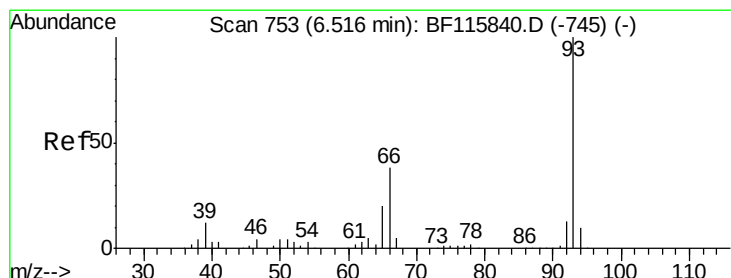
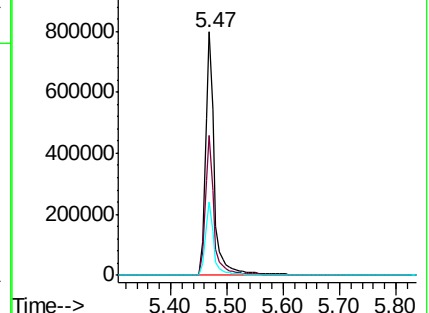
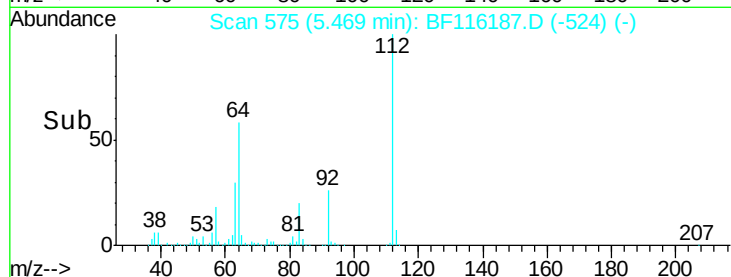
63 30.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.899 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

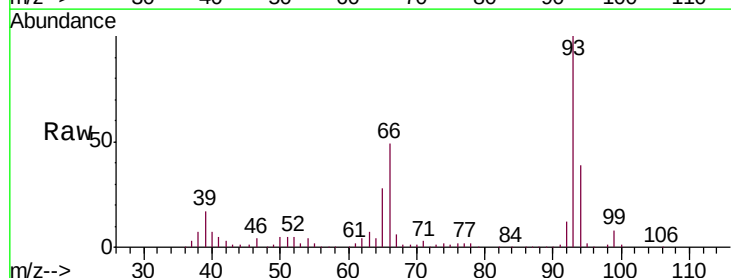
Tgt Ion: 93 Resp: 409575

Ion Ratio Lower Upper

93 100

66 49.4 32.2 48.4#

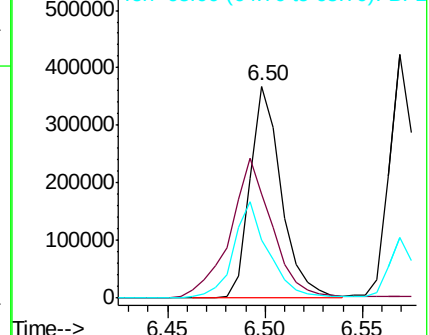
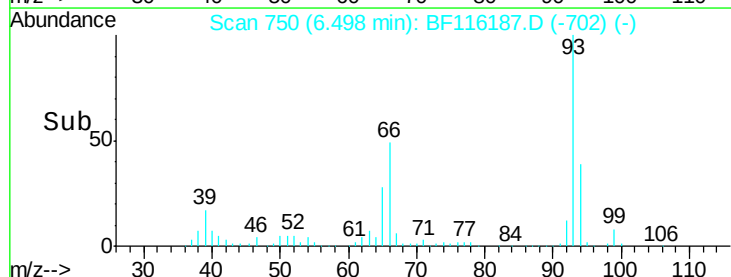
65 27.7 17.0 25.6#

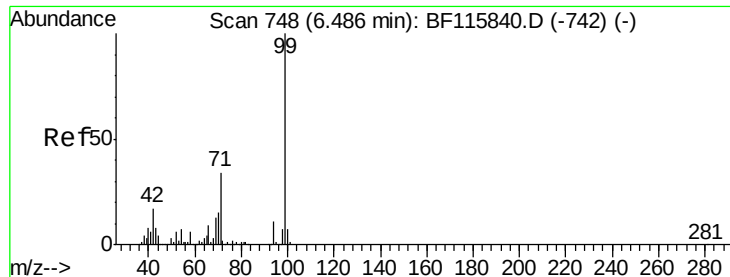


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.797 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB122156BS

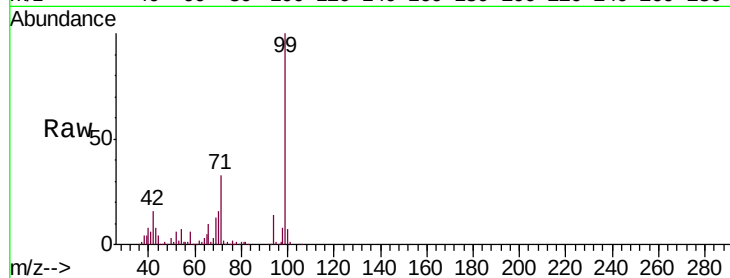
Tgt Ion: 99 Resp: 1105045

Ion Ratio Lower Upper

99 100

42 16.5 13.8 20.8

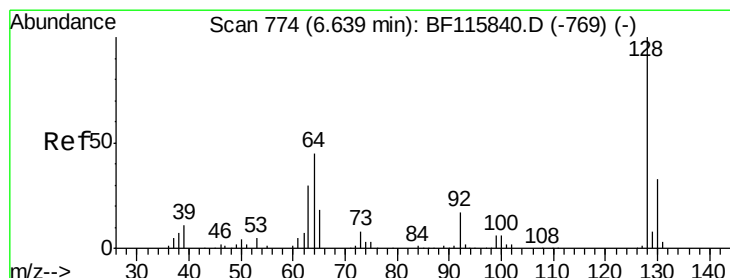
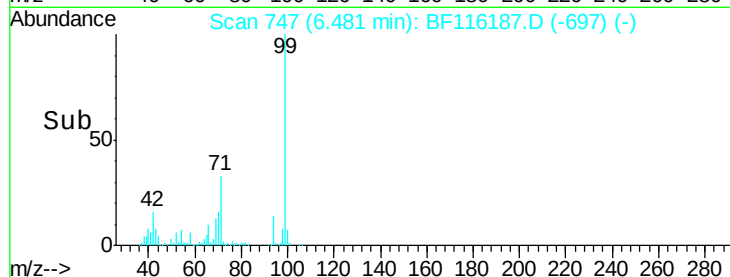
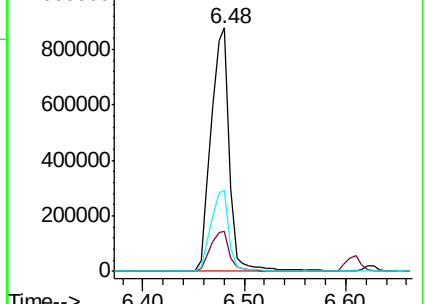
71 33.4 27.3 40.9



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: 41.762 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

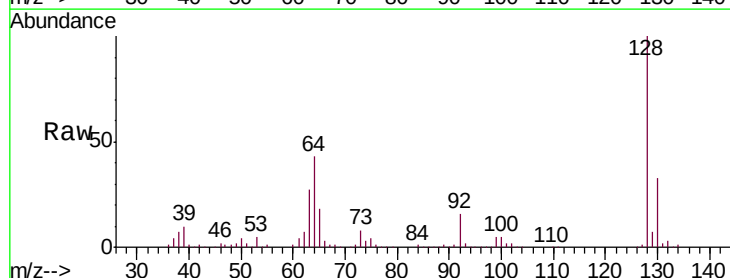
Tgt Ion: 128 Resp: 375213

Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

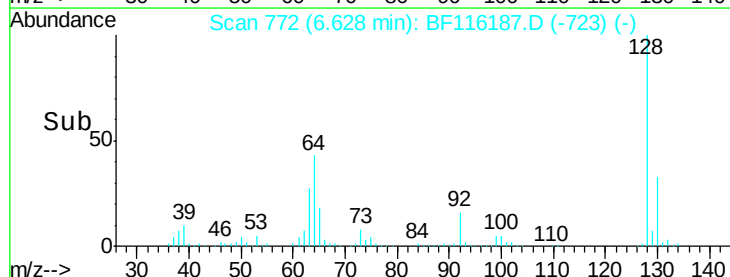
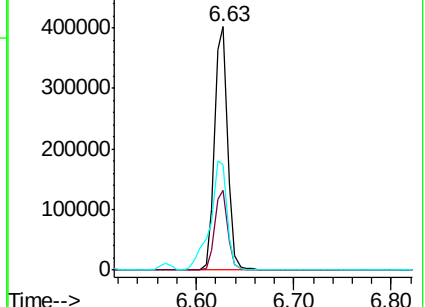
64 43.2 24.3 64.3

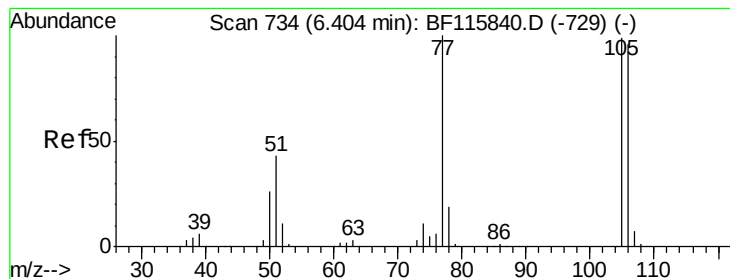


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 16.100 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB122156BS

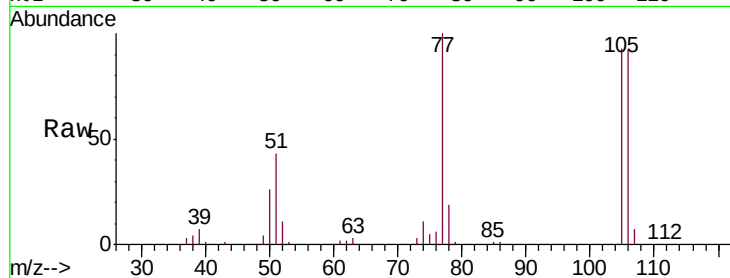
Tgt Ion: 77 Resp: 113880

Ion Ratio Lower Upper

77 100

105 93.0 79.2 119.2

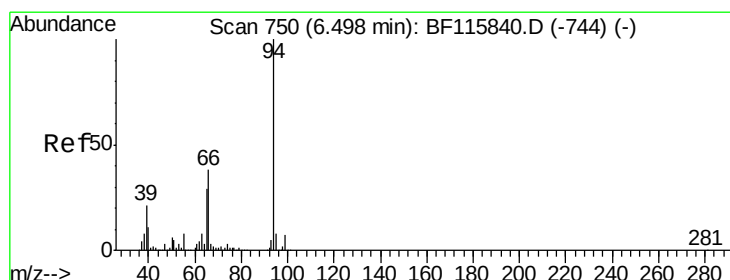
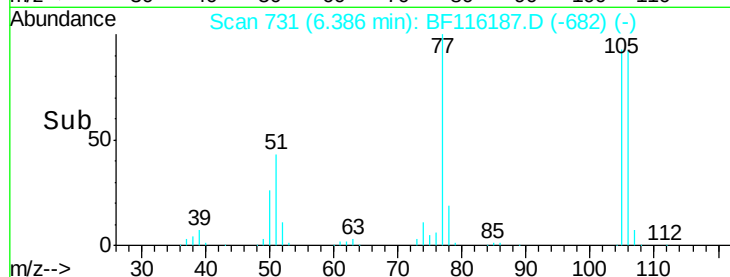
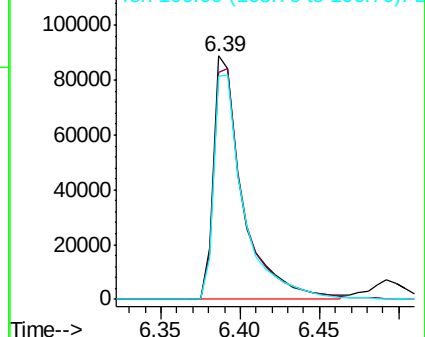
106 91.7 74.3 114.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.247 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

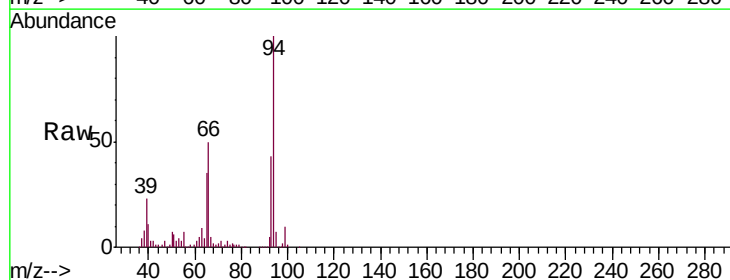
Tgt Ion: 94 Resp: 473785

Ion Ratio Lower Upper

94 100

65 34.7 16.8 56.8

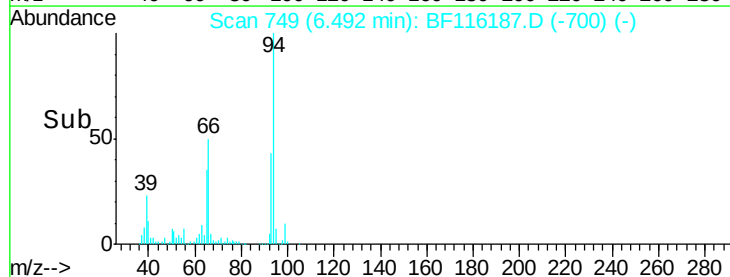
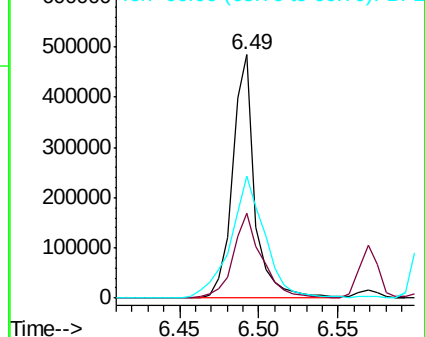
66 50.1 34.2 74.2

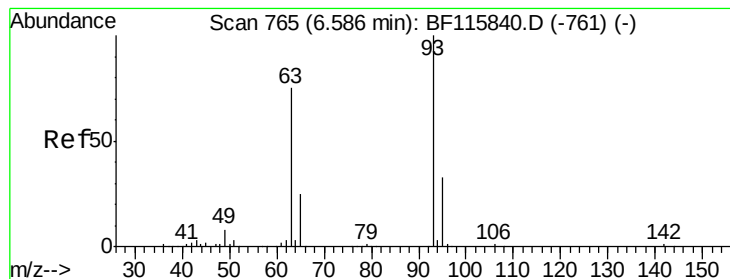


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.217 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB122156BS

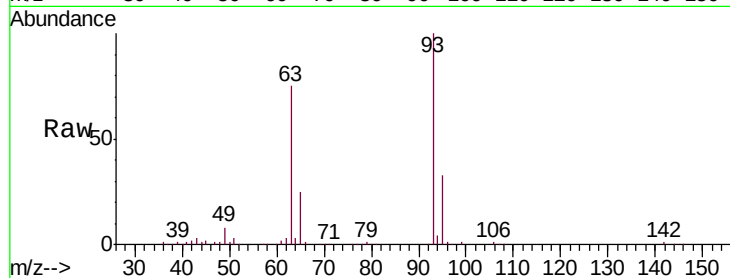
Tgt Ion: 93 Resp: 356942

Ion Ratio Lower Upper

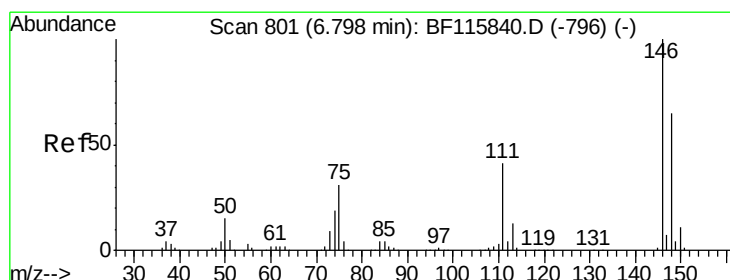
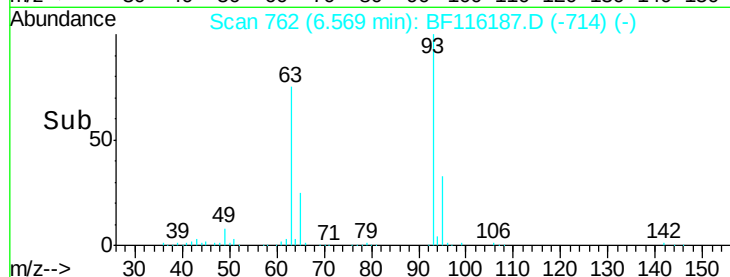
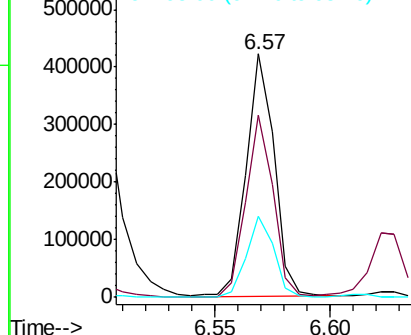
93 100

63 74.6 51.9 91.9

95 33.2 13.0 53.0



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



#12

1,3-Dichlorobenzene

Concen: 38.043 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

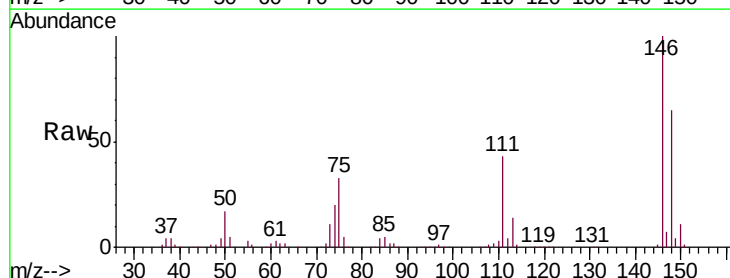
Tgt Ion: 146 Resp: 395020

Ion Ratio Lower Upper

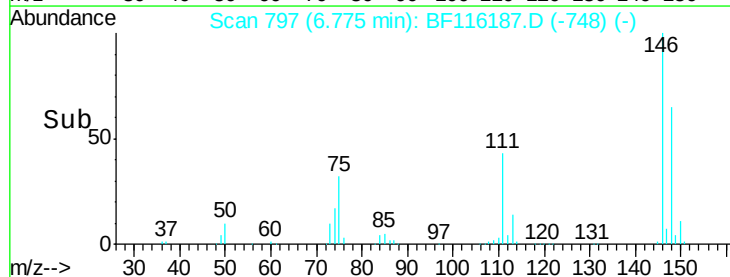
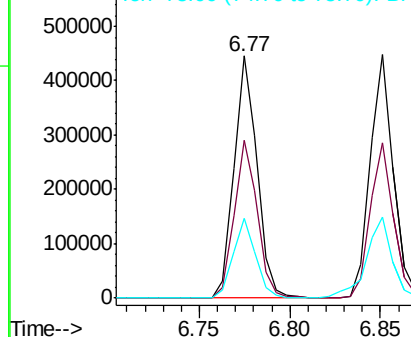
146 100

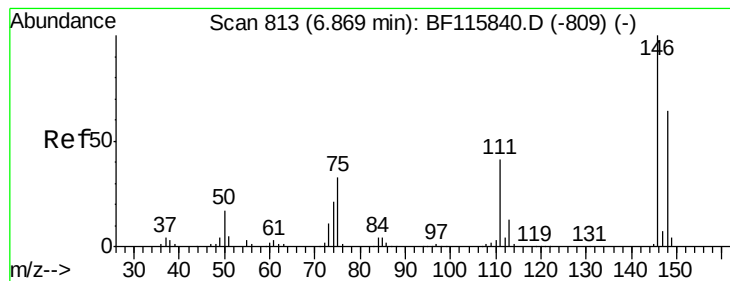
148 65.3 51.3 76.9

75 33.2 27.4 41.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 38.880 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleID :

PB122156BS

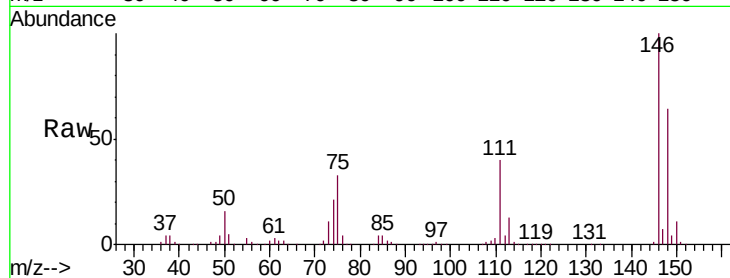
Tgt Ion:146 Resp: 404222

Ion Ratio Lower Upper

146 100

148 64.0 51.3 76.9

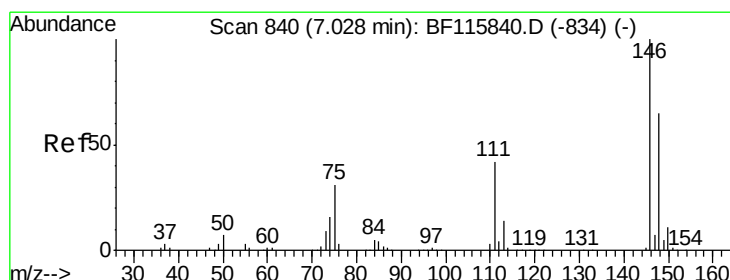
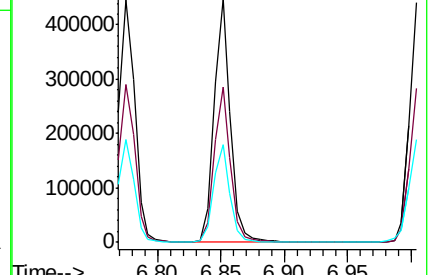
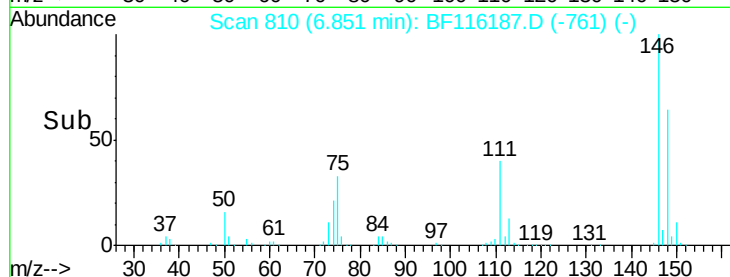
111 40.0 34.0 51.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.812 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

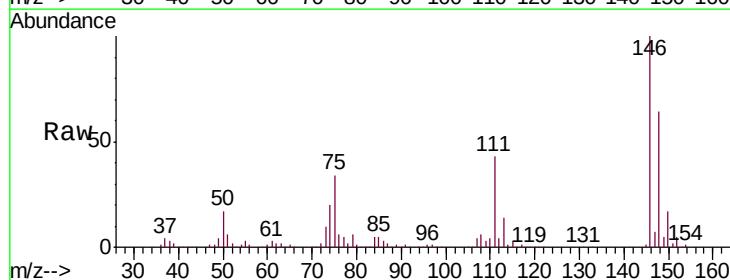
Tgt Ion:146 Resp: 371558

Ion Ratio Lower Upper

146 100

148 64.1 51.2 76.8

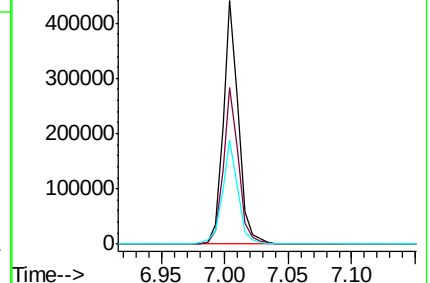
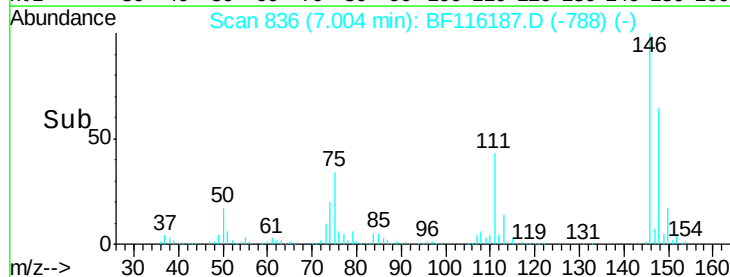
111 42.7 33.5 50.3

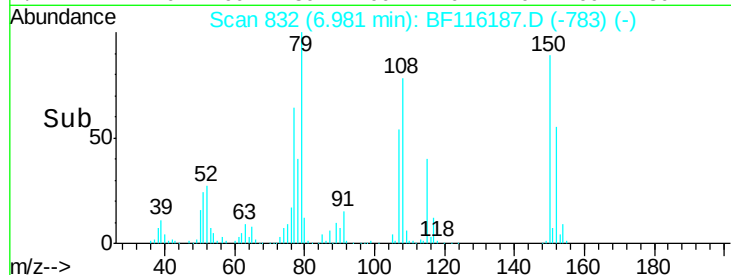
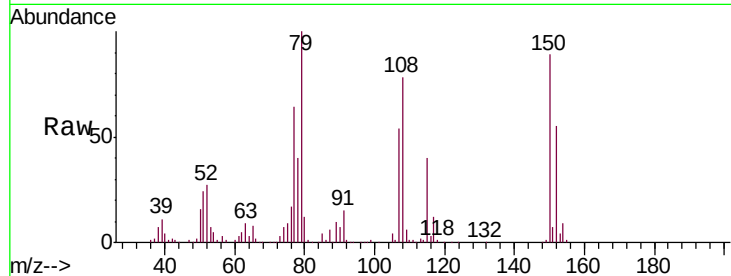
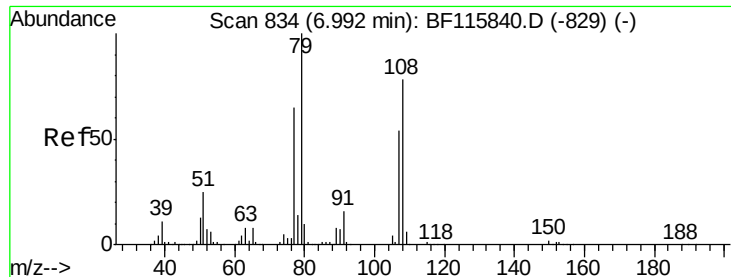


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.154 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB122156BS

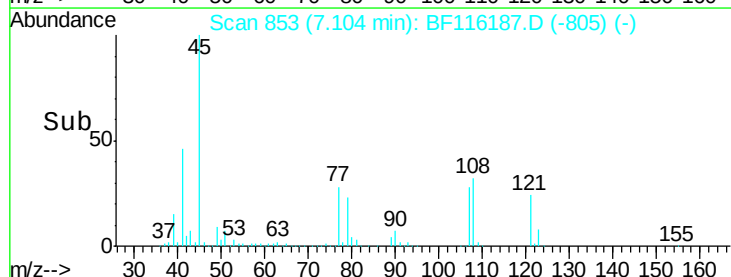
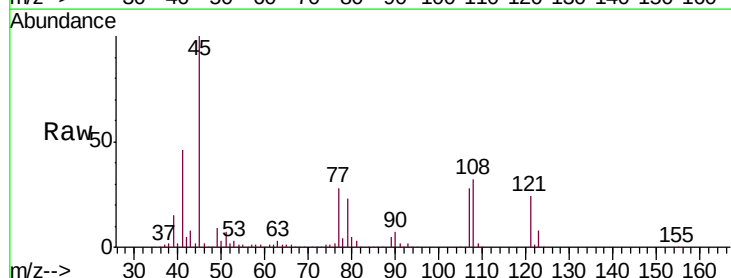
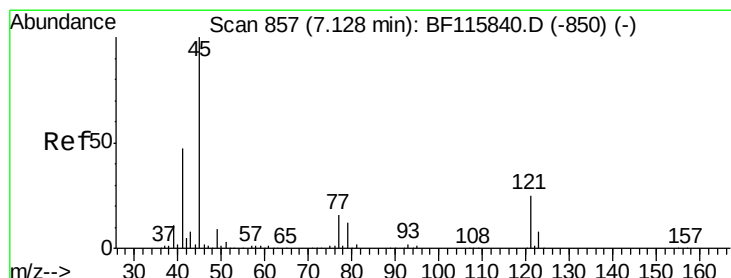
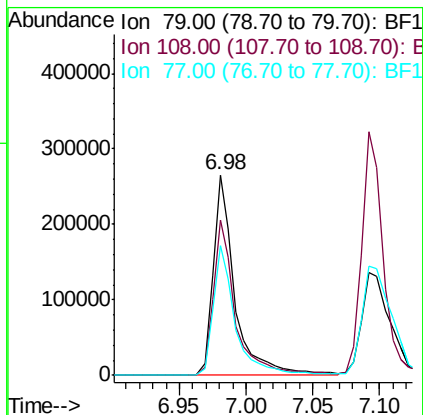
Tgt Ion: 79 Resp: 304601

Ion Ratio Lower Upper

79 100

108 77.6 62.7 94.1

77 64.5 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.372 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

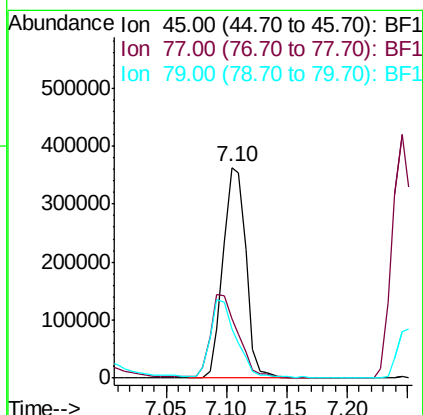
Tgt Ion: 45 Resp: 476638

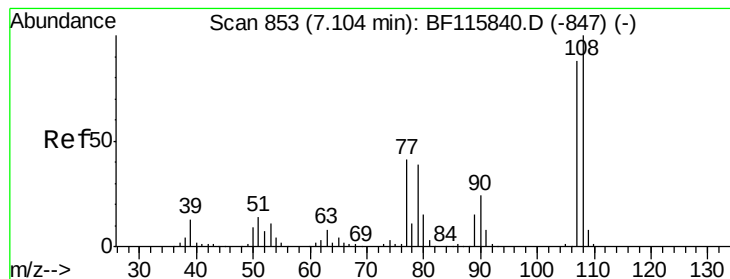
Ion Ratio Lower Upper

45 100

77 28.0 0.0 40.0

79 23.5 0.0 35.9





#17

2-Methylphenol

Concen: 41.468 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB122156BS

Tgt Ion:107 Resp: 315474

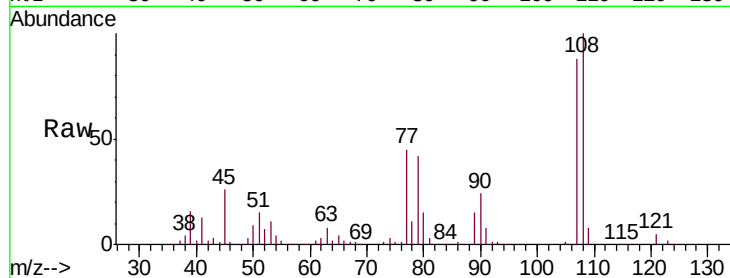
Ion Ratio Lower Upper

107 100

108 113.5 91.2 136.8

77 51.0 40.3 60.5

79 47.8 37.6 56.4

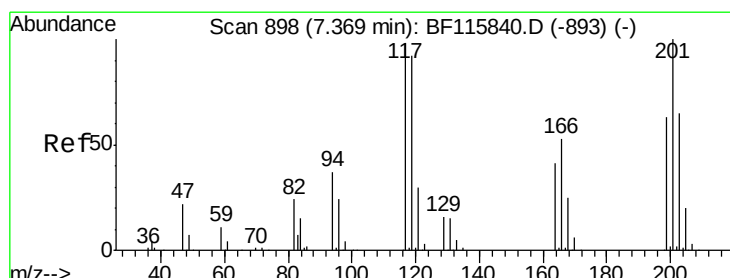
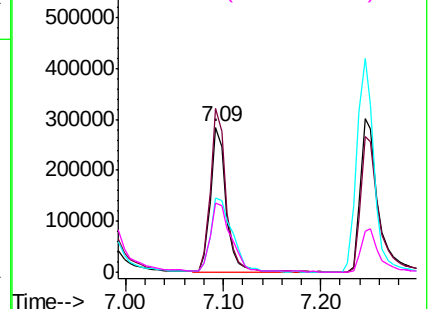
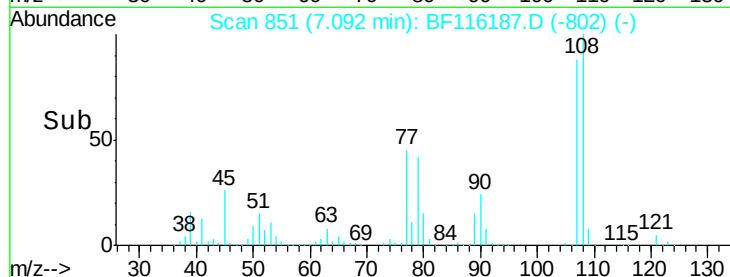


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.307 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.02 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

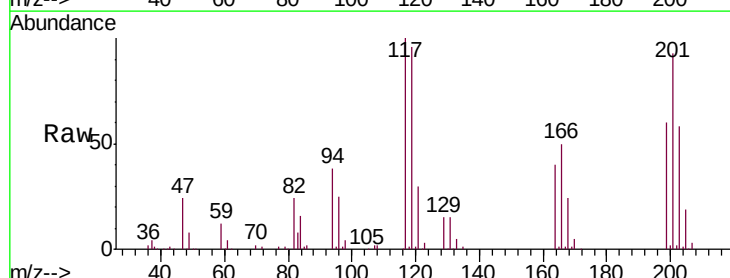
Tgt Ion:117 Resp: 146633

Ion Ratio Lower Upper

117 100

119 95.8 76.1 114.1

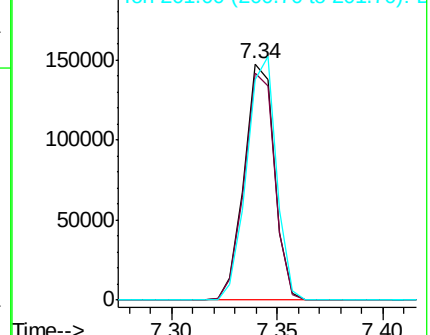
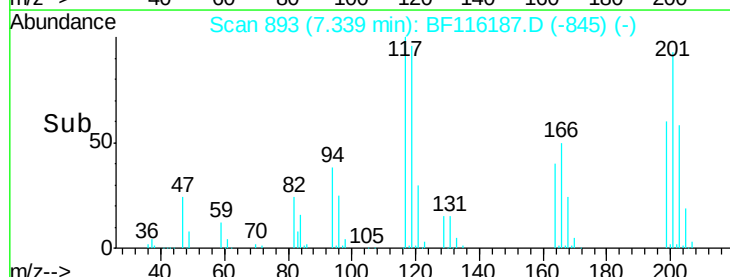
201 93.4 77.0 115.4

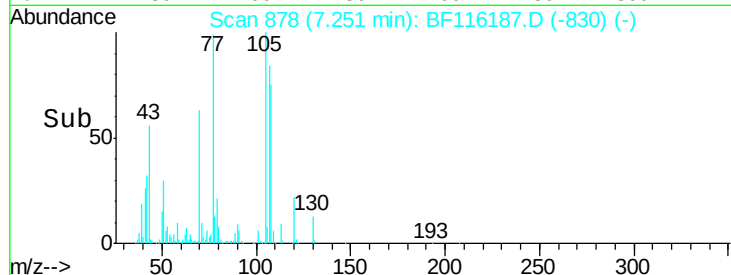
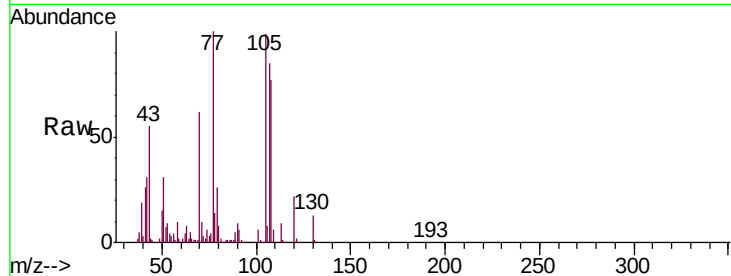
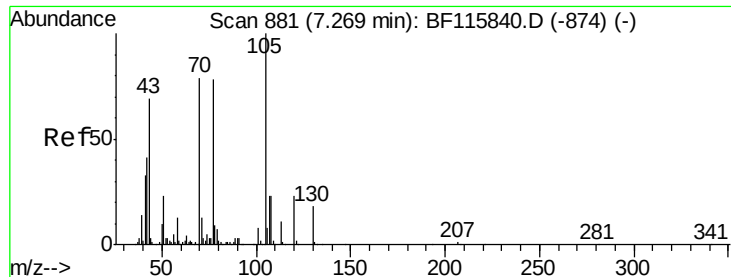


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

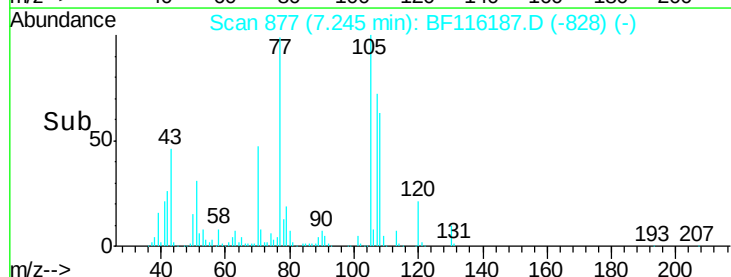
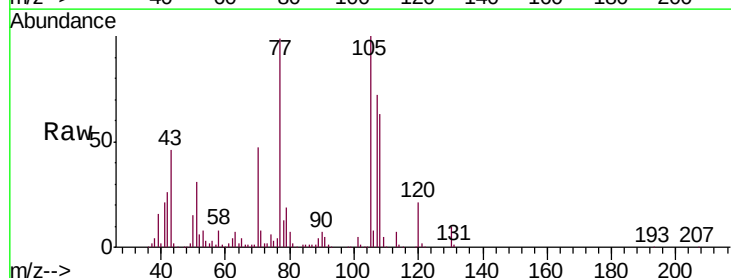
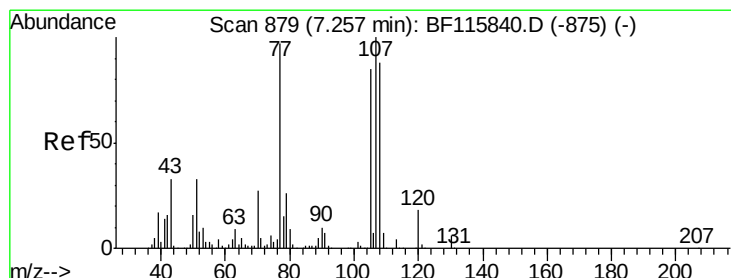
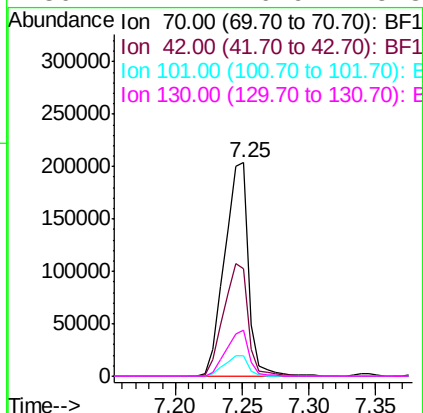




#19
n-Nitroso-di-n-propylamine
Concen: 40.713 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

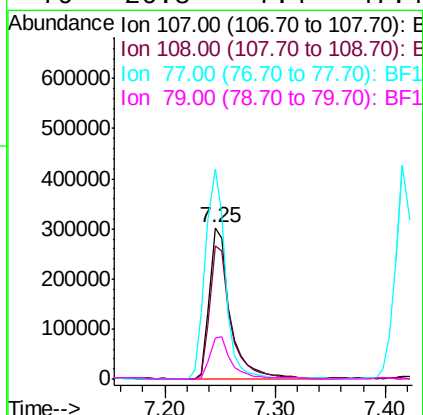
Instrument :
BNA_F
ClientSampleId :
PB122156BS

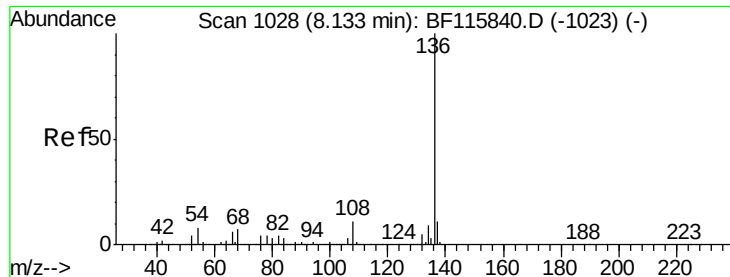
Tgt Ion:	70	Resp:	258626
Ion	Ratio	Lower	Upper
70	100		
42	50.6	40.9	61.3
101	9.9	7.9	11.9
130	21.4	16.9	25.3



#20
3+4-Methylphenols
Concen: 42.681 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion:	107	Resp:	384251
Ion	Ratio	Lower	Upper
107	100		
108	88.1	67.6	107.6
77	138.6	104.4	144.4
79	26.8	7.4	47.4

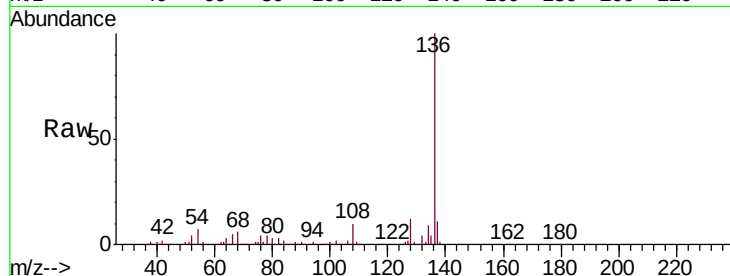




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB122156BS

Tgt Ion:	136	Resp:	564043
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.6	5.8	8.6
68	6.0	5.2	7.8



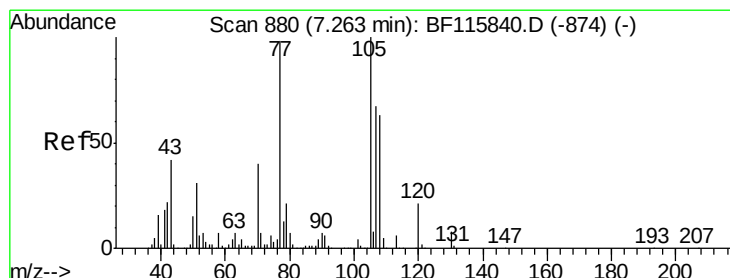
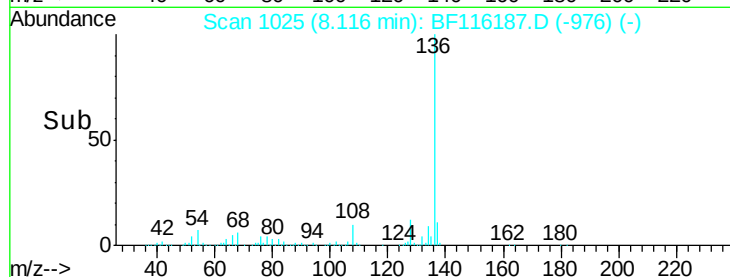
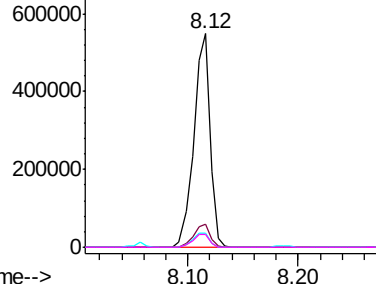
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

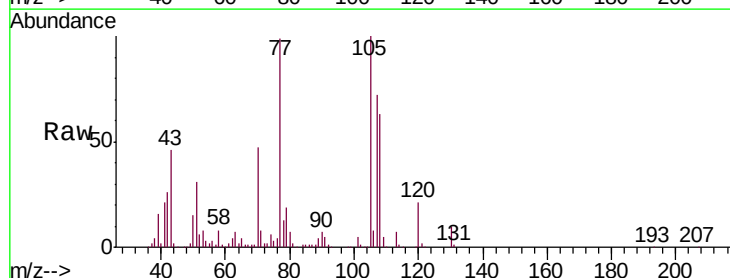
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 41.321 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion:	105	Resp:	511147
Ion	Ratio	Lower	Upper
105	100		
71	7.9	5.9	8.9
51	31.4	25.3	37.9
120	21.4	17.9	26.9



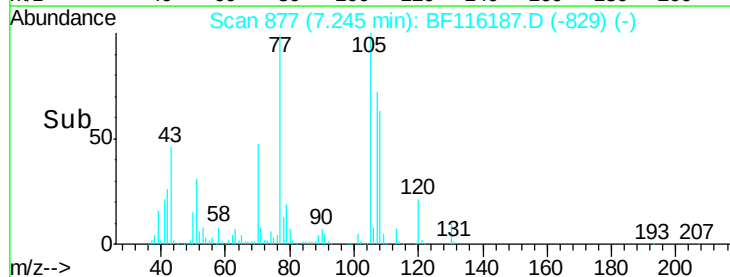
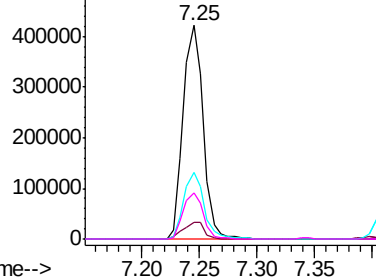
Abundance

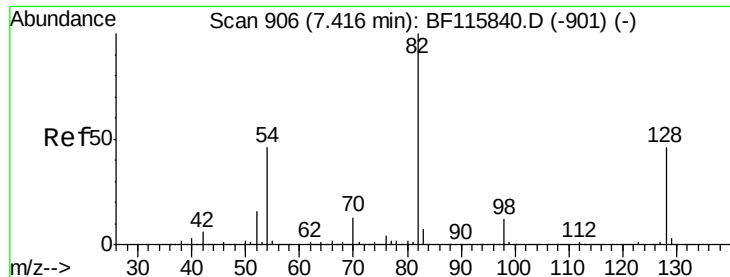
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

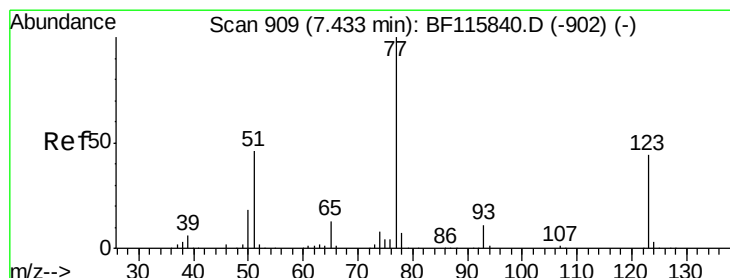
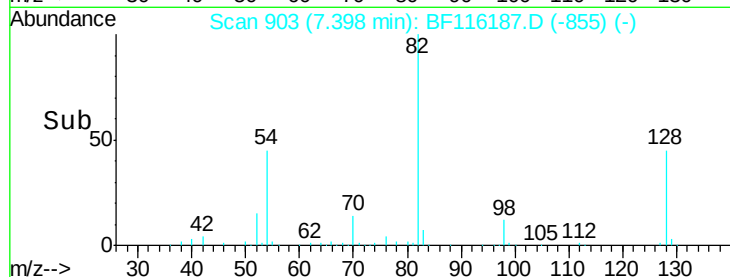
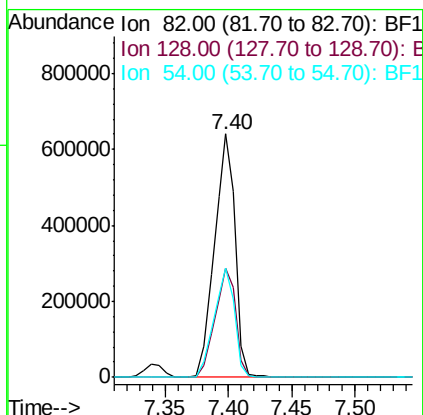
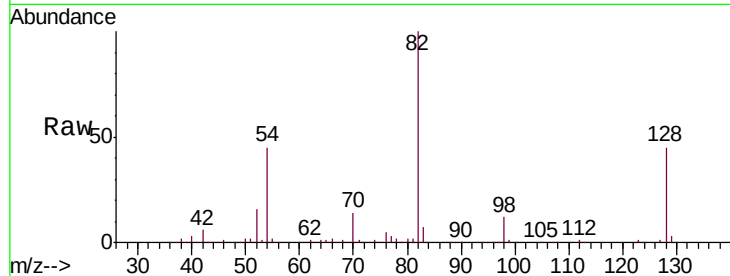




#23
 Nitrobenzene-d5
 Concen: 75.029 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

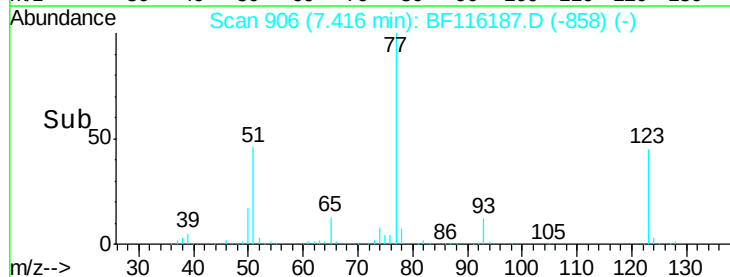
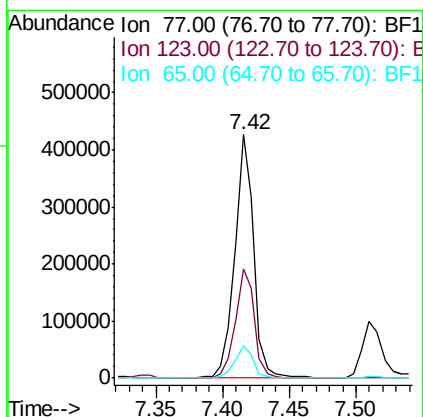
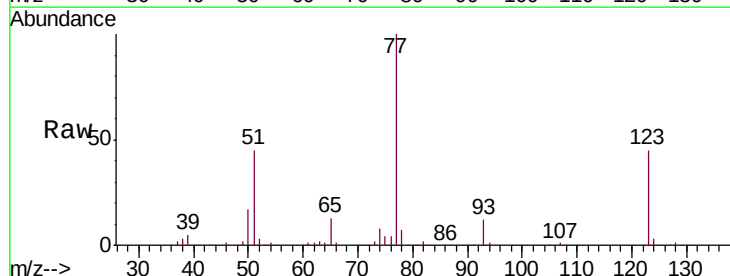
Instrument :
 BNA_F
 ClientSampleId :
 PB122156BS

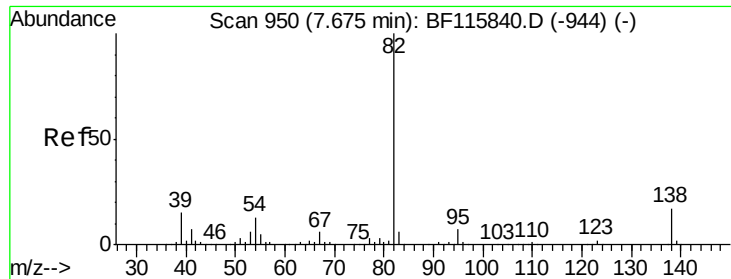
Tgt Ion: 82 Resp: 733150
 Ion Ratio Lower Upper
 82 100
 128 44.8 36.5 54.7
 54 45.0 36.0 54.0



#24
 Nitrobenzene
 Concen: 39.954 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Tgt Ion: 77 Resp: 421550
 Ion Ratio Lower Upper
 77 100
 123 44.8 36.7 55.1
 65 13.1 10.6 16.0





#25

Isophorone

Concen: 41.165 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB122156BS

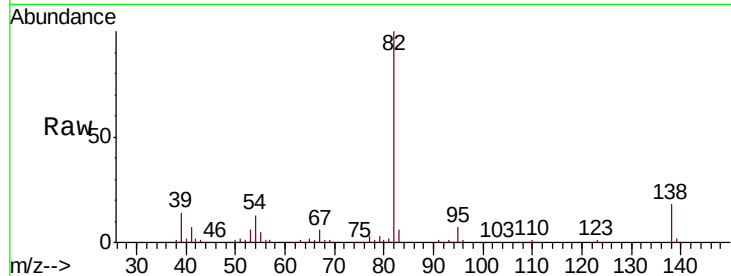
Tgt Ion: 82 Resp: 769162

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

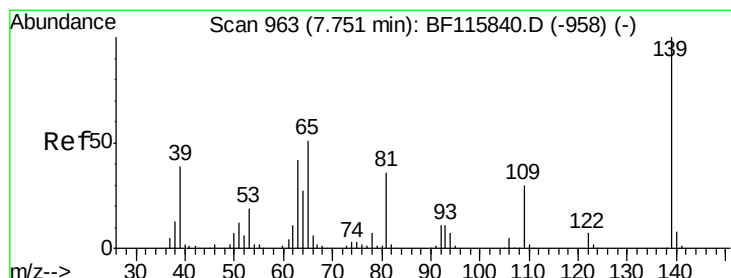
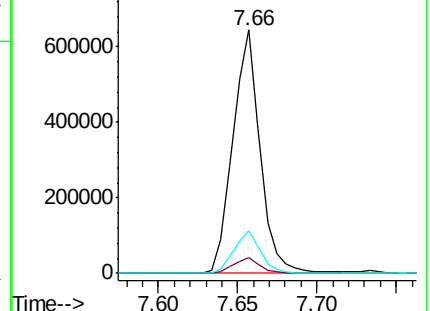
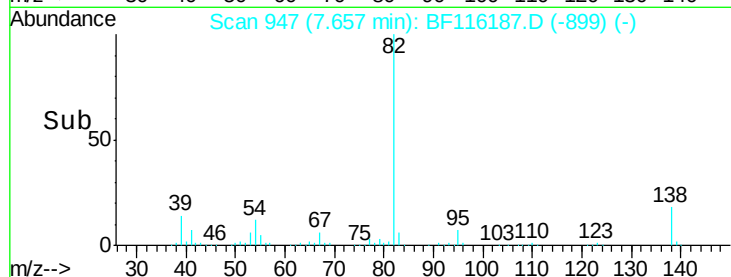
138 17.5 14.5 21.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.945 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

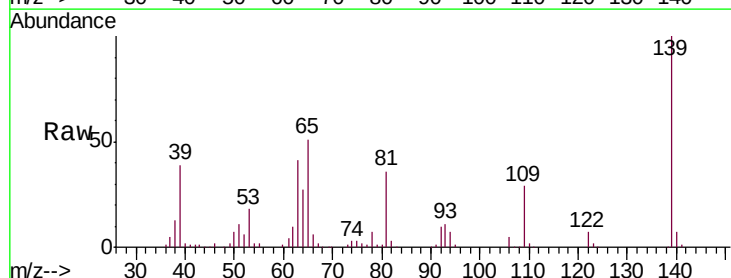
Tgt Ion: 139 Resp: 208616

Ion Ratio Lower Upper

139 100

109 29.0 23.4 35.2

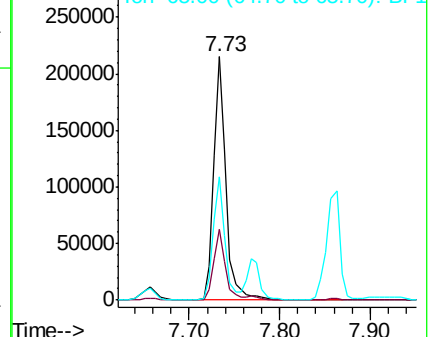
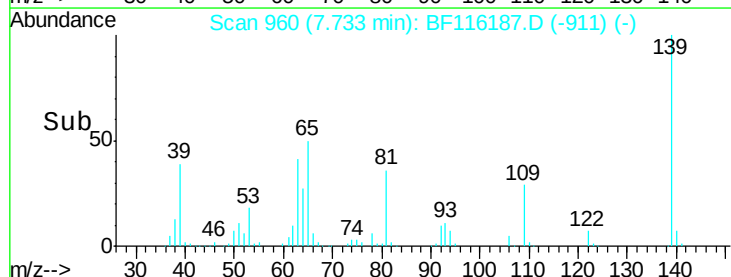
65 50.5 41.1 61.7

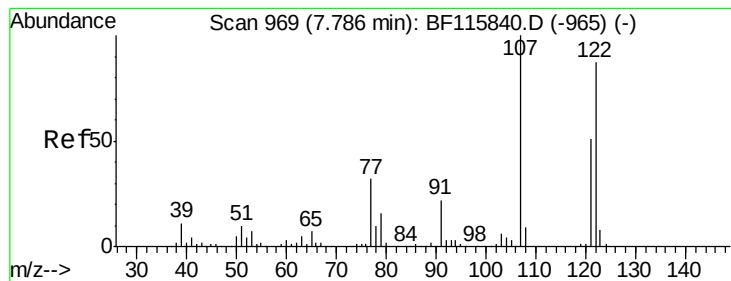


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 45.620 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB122156BS

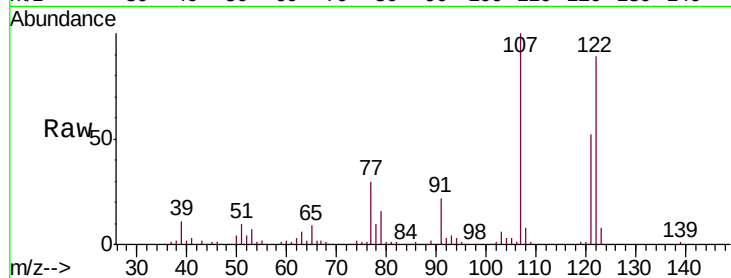
Tgt Ion:122 Resp: 341359

Ion Ratio Lower Upper

122 100

107 111.9 93.0 139.6

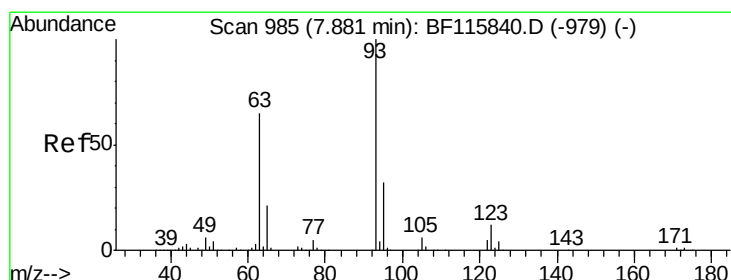
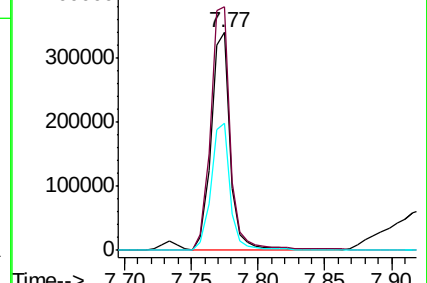
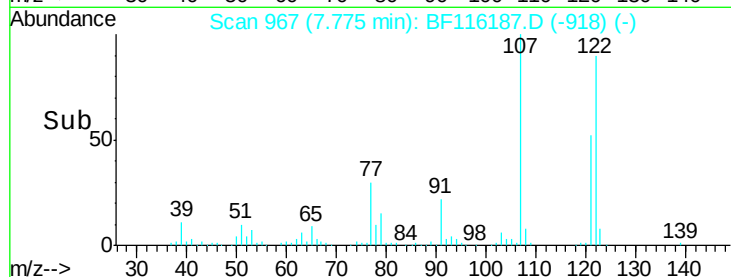
121 58.5 47.6 71.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.995 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

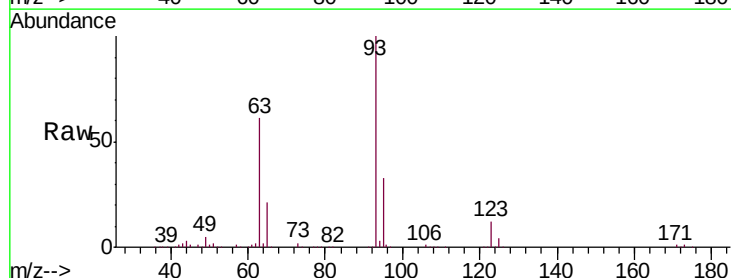
Tgt Ion: 93 Resp: 474768

Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.4

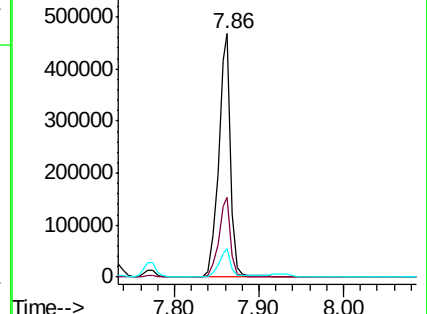
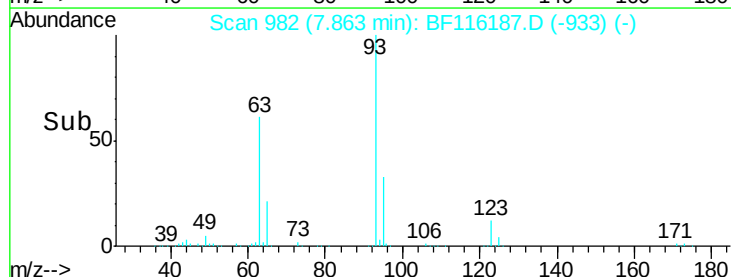
123 11.9 9.2 13.8

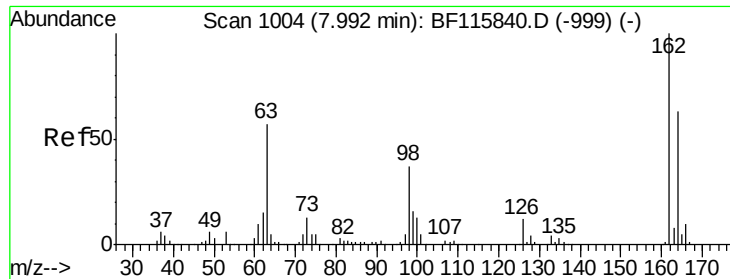


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

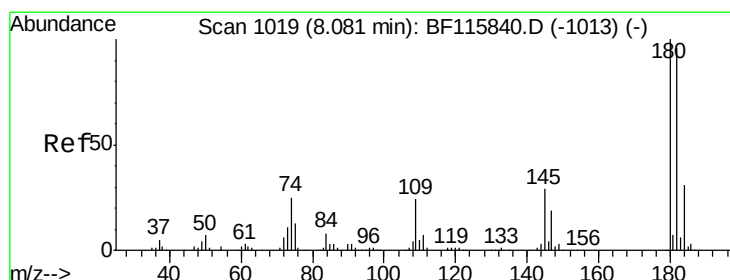
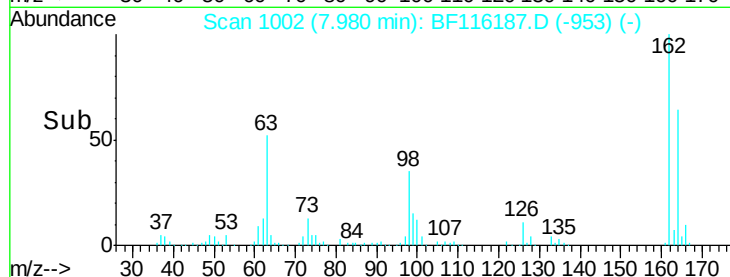
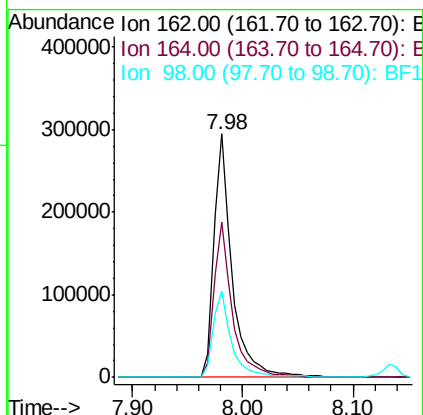
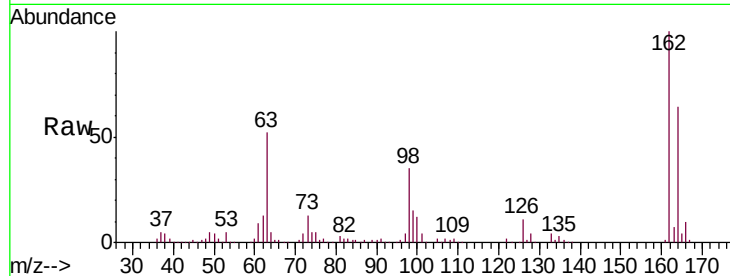




#29
2,4-Dichlorophenol
Concen: 42.124 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

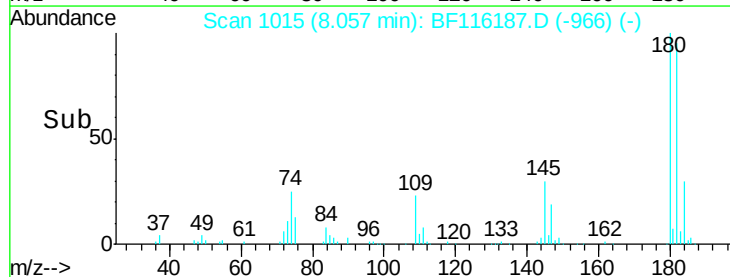
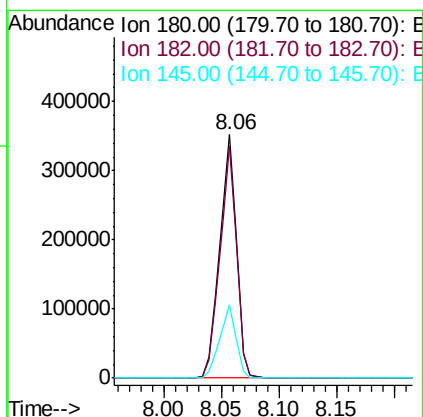
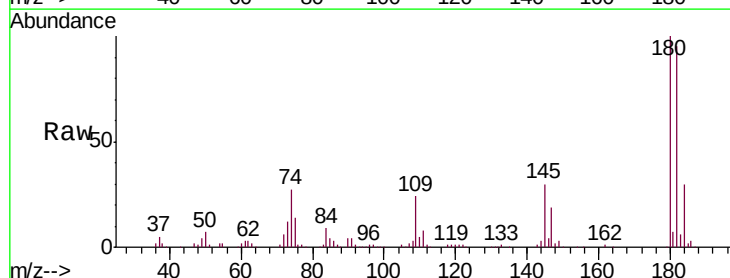
Instrument :
BNA_F
ClientSampleId :
PB122156BS

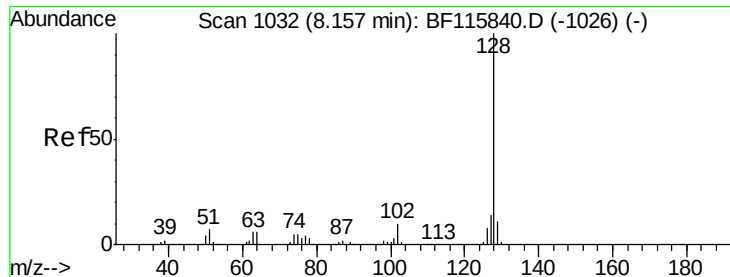
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.9	45.1	85.1
98	35.2	15.8	55.8



#30
1,2,4-Trichlorobenzene
Concen: 39.641 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.7	113.5
145	30.0	24.3	36.5

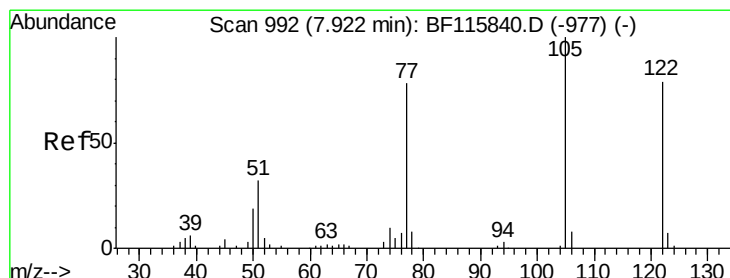
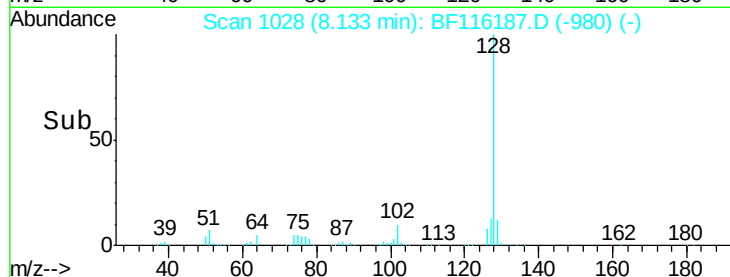
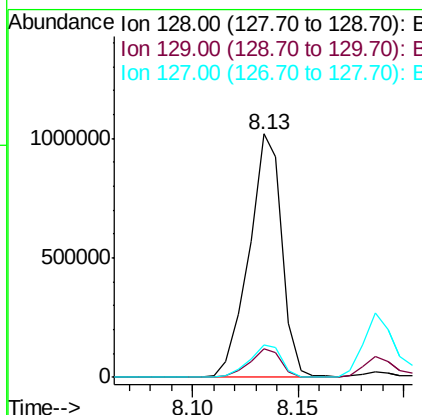
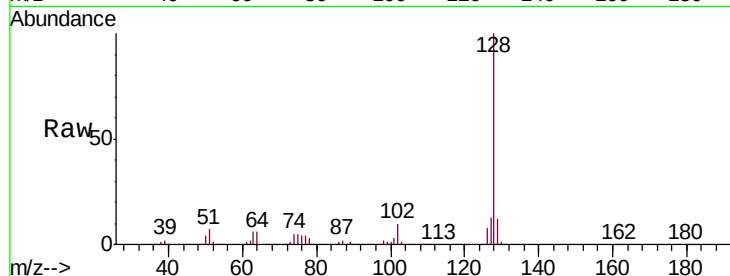




#31
Naphthalene
Concen: 41.408 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

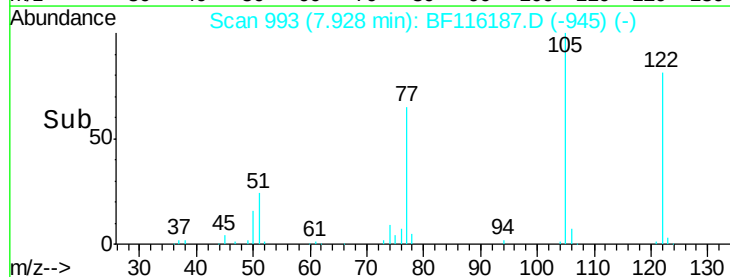
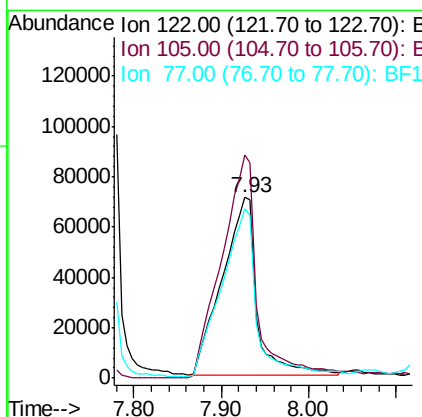
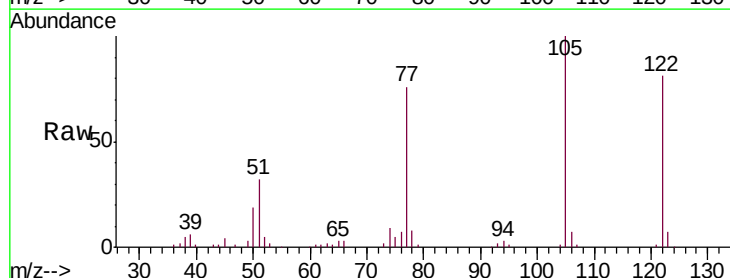
Instrument :
BNA_F
ClientSampleId :
PB122156BS

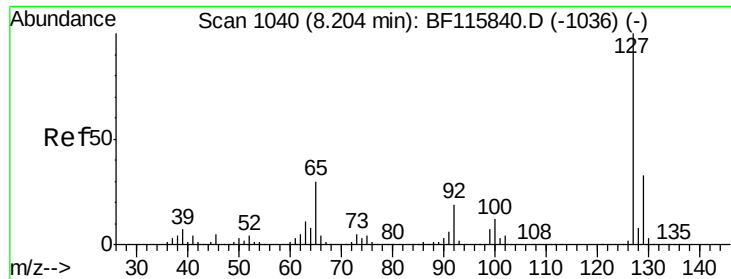
Tgt Ion:128 Resp: 1099077
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.3 11.4 17.0



#32
Benzoic acid
Concen: 36.277 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion:122 Resp: 191378
Ion Ratio Lower Upper
122 100
105 124.1 106.1 146.1
77 93.8 76.7 116.7

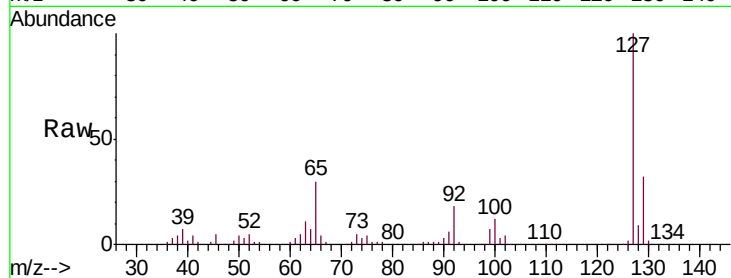




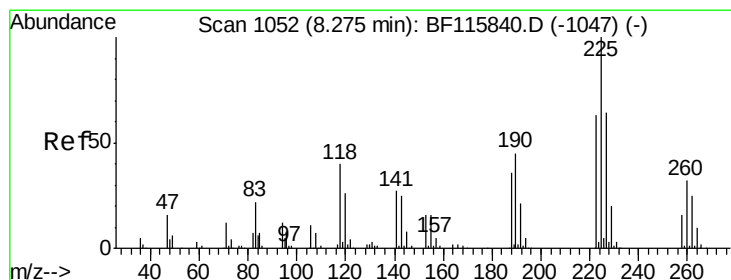
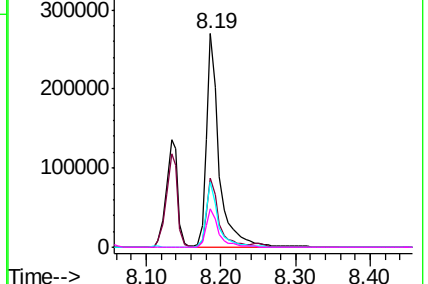
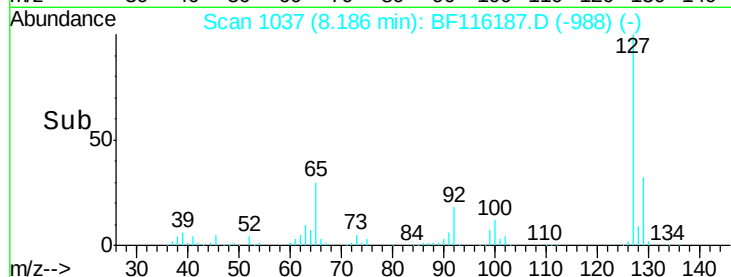
#33
4-Chloroaniline
Concen: 26.972 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB122156BS

Tgt Ion:	127	Resp:	319872
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	30.4	24.9	37.3
92	18.1	15.7	23.5

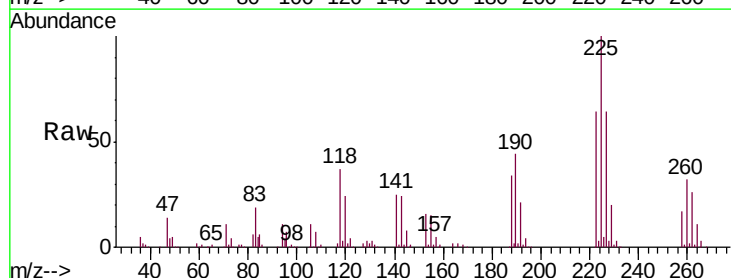


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

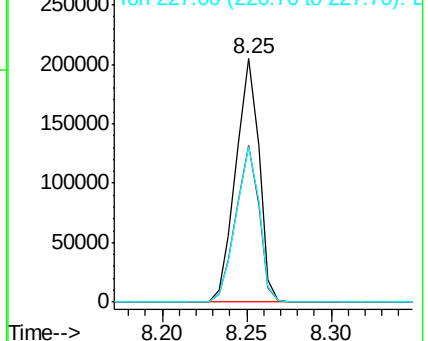
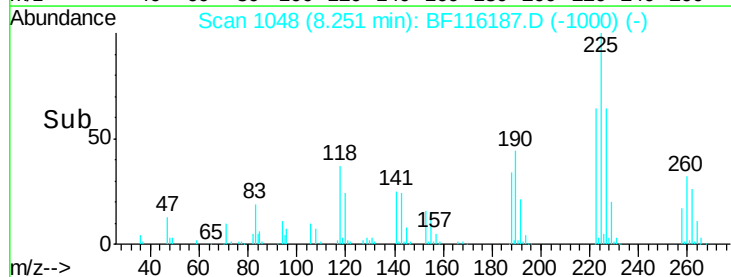


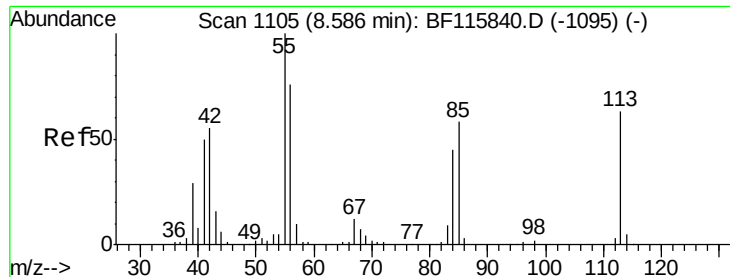
#34
Hexachlorobutadiene
Concen: 38.119 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion:	225	Resp:	197741
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.0	75.0
227	64.0	51.0	76.4



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

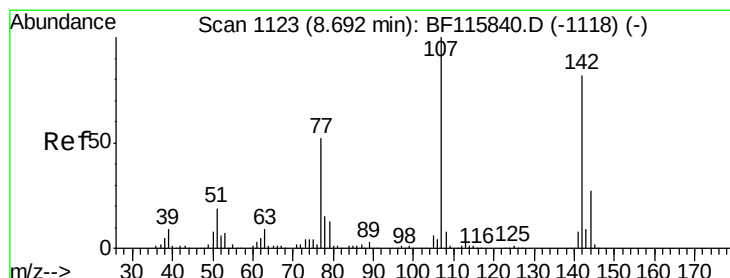
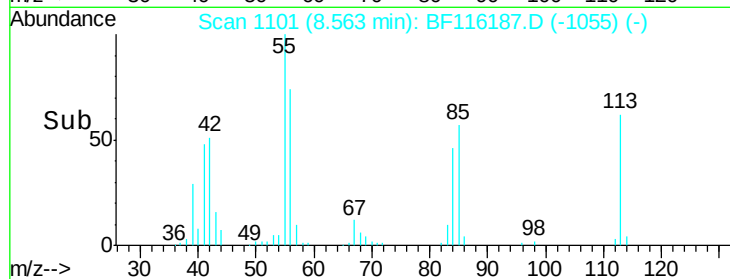
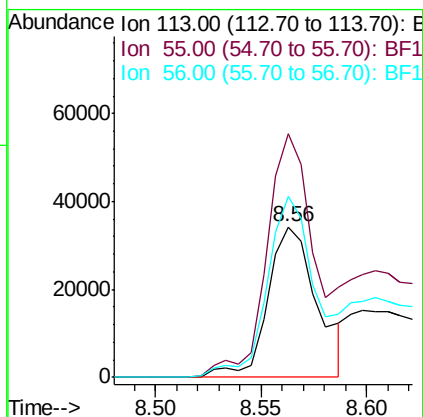
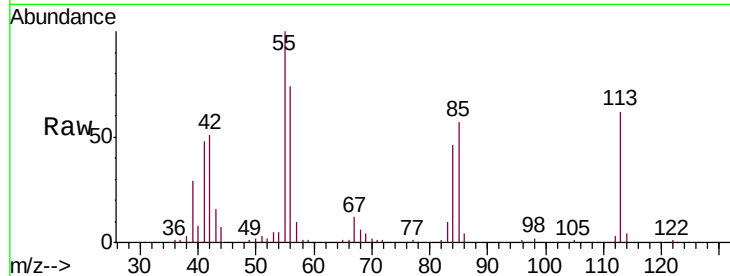




#35
 Caprolactam
 Concen: 21.780 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.03 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

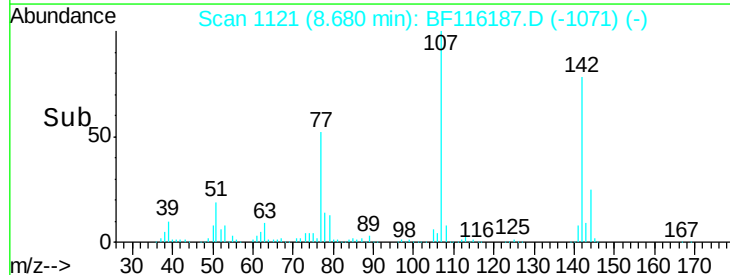
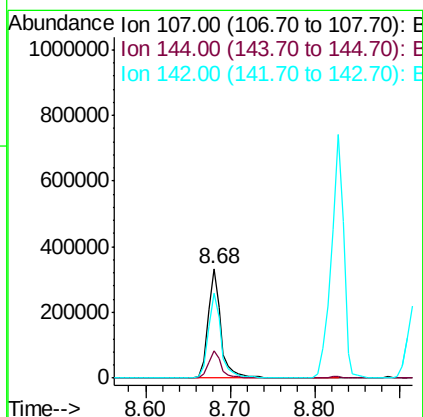
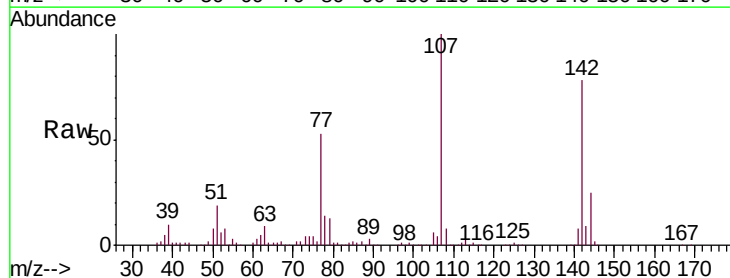
Instrument :
 BNA_F
 ClientSampleId :
 PB122156BS

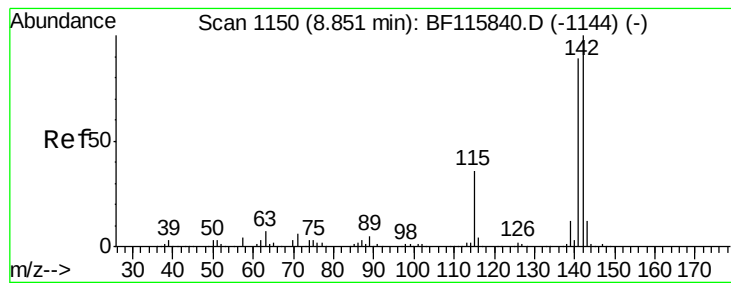
Tgt Ion:113 Resp: 55655
 Ion Ratio Lower Upper
 113 100
 55 161.8 144.3 184.3
 56 120.2 97.1 137.1



#36
 4-Chloro-3-methylphenol
 Concen: 42.726 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Tgt Ion:107 Resp: 351170
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.2 30.2
 142 77.9 61.7 92.5





#37

2-Methylnaphthalene

Concen: 42.287 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB122156BS

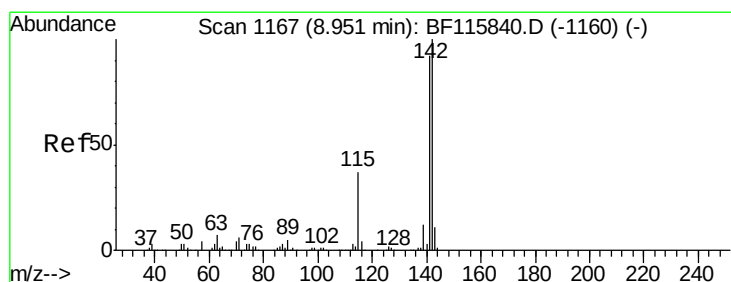
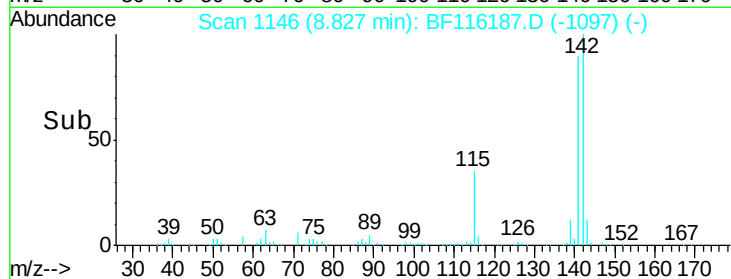
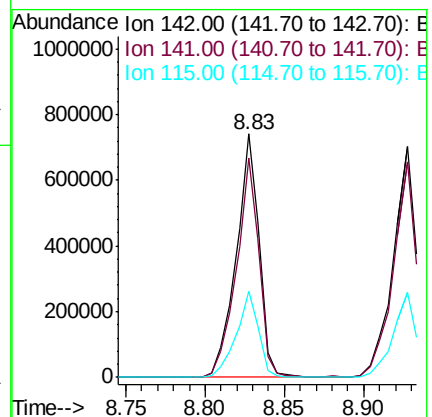
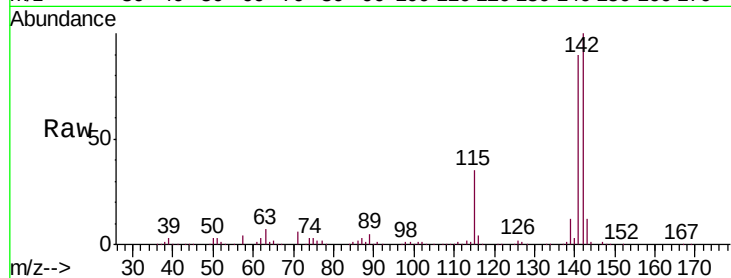
Tgt Ion:142 Resp: 739203

Ion Ratio Lower Upper

142 100

141 90.0 70.9 106.3

115 35.1 29.0 43.6



#38

1-Methylnaphthalene

Concen: 42.207 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

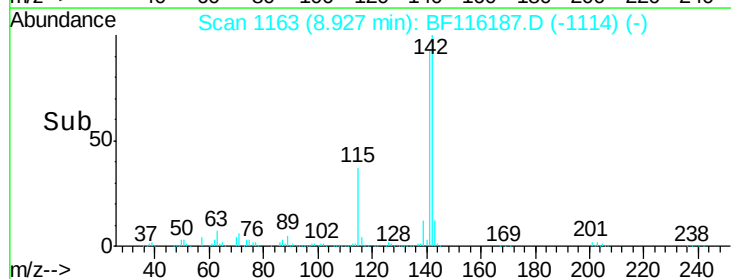
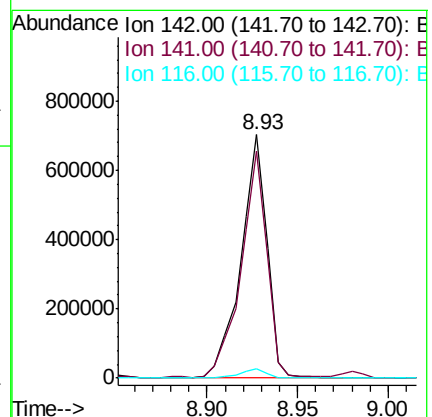
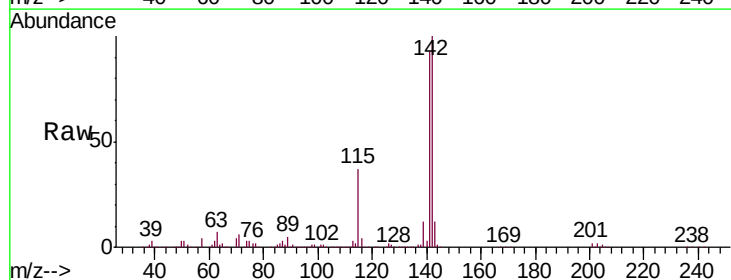
Tgt Ion:142 Resp: 697999

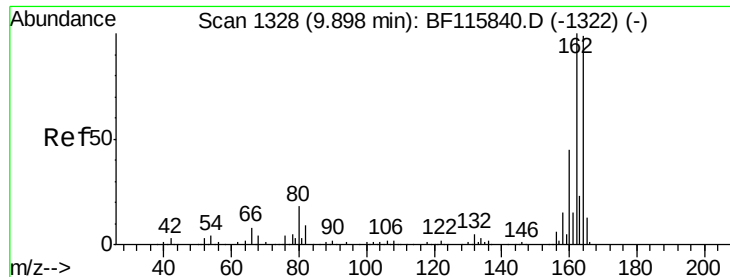
Ion Ratio Lower Upper

142 100

141 93.0 74.4 111.6

116 3.8 3.1 4.7

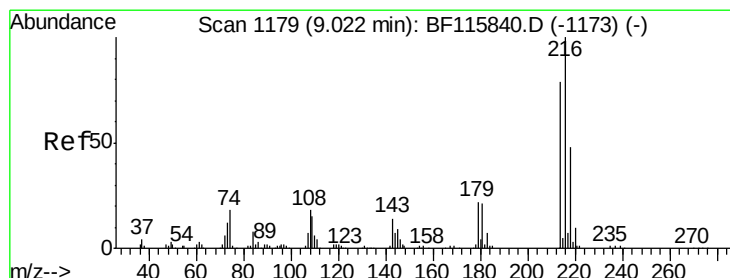
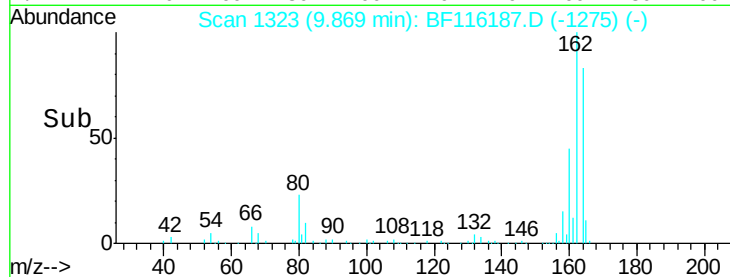
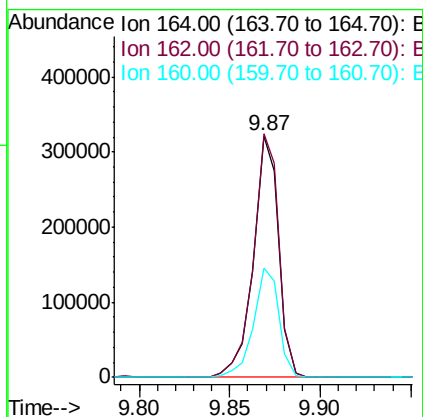
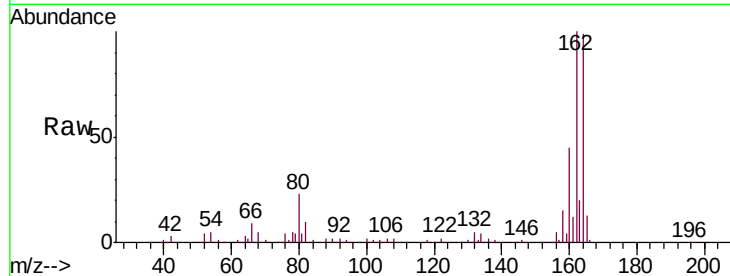




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

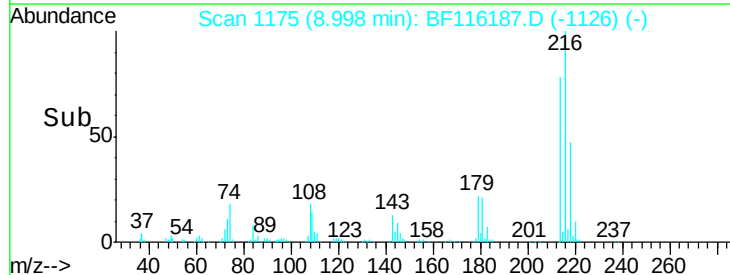
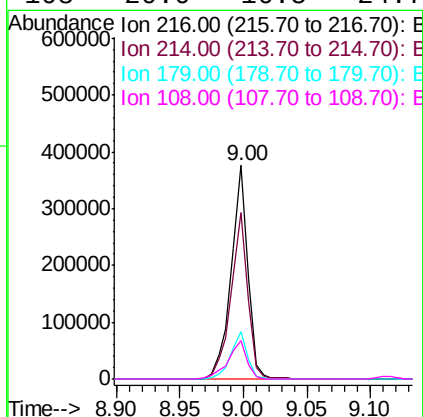
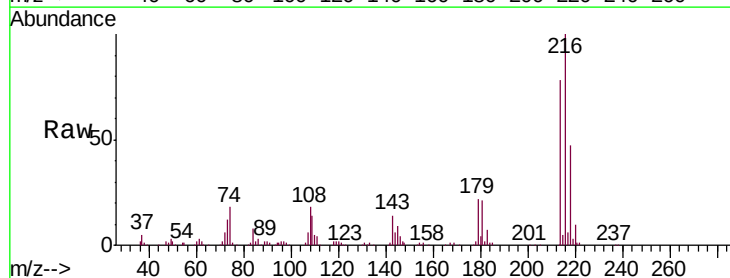
Instrument :
BNA_F
ClientSampleId :
PB122156BS

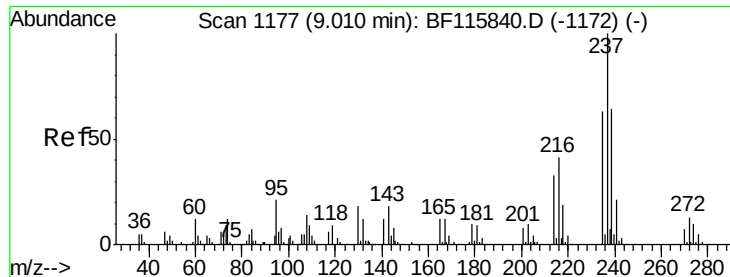
Tgt Ion:164 Resp: 309346
Ion Ratio Lower Upper
164 100
162 101.0 82.6 124.0
160 45.3 37.6 56.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.130 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion:216 Resp: 340145
Ion Ratio Lower Upper
216 100
214 78.7 63.6 95.4
179 22.0 17.8 26.8
108 20.0 16.5 24.7

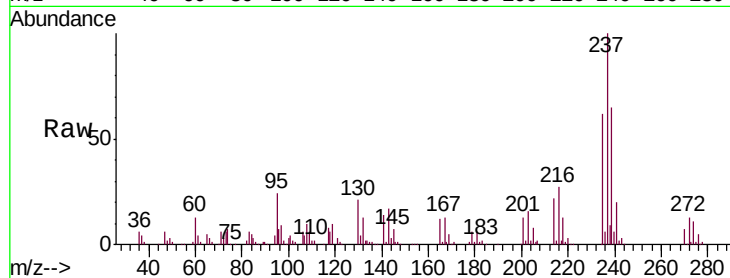




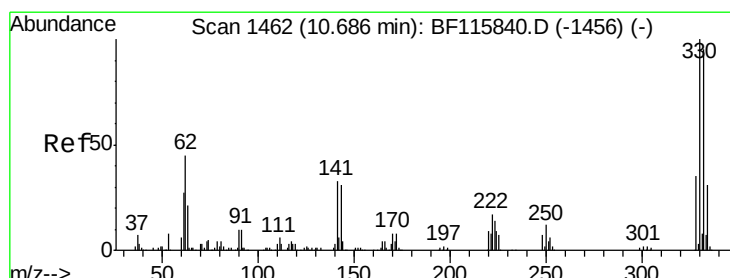
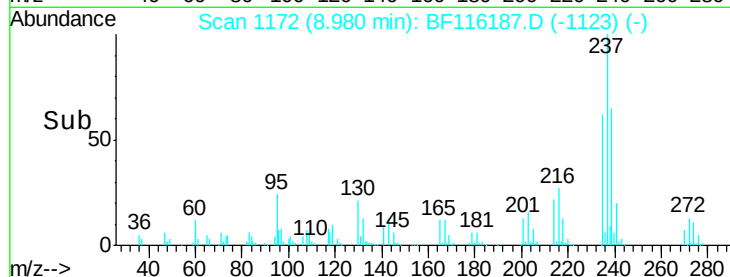
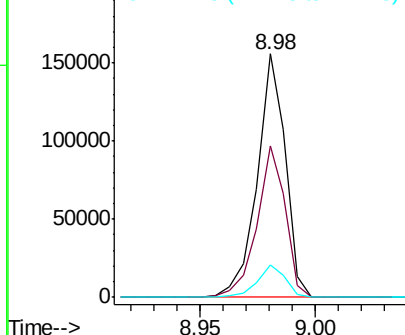
#41
Hexachlorocyclopentadiene
Concen: 39.050 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB122156BS

Tgt Ion:	237	Resp:	132828
Ion	Ratio	Lower	Upper
237	100		
235	62.3	43.4	83.4
272	13.5	0.0	33.2

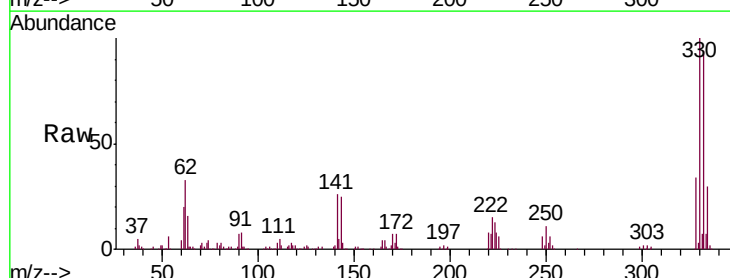


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

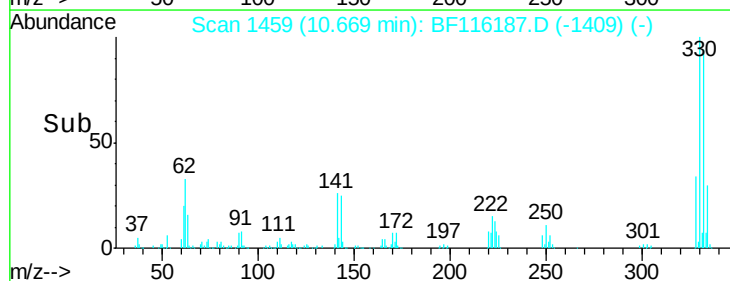
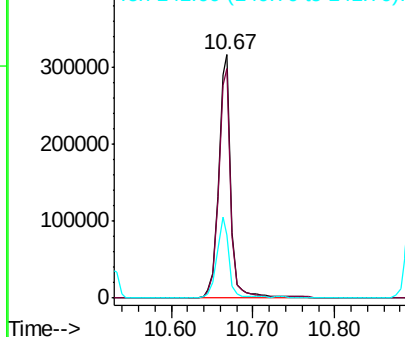


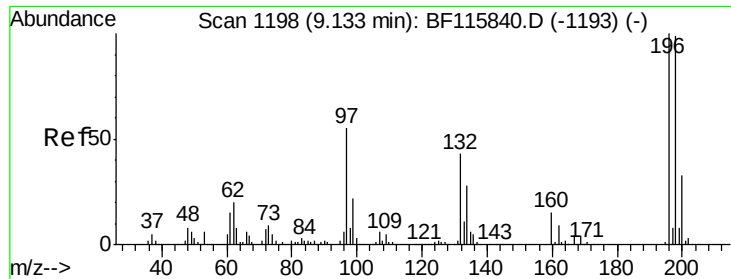
#42
2,4,6-Tribromophenol
Concen: 111.632 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion:	330	Resp:	334806
Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.8	115.2
141	32.5	26.3	39.5



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

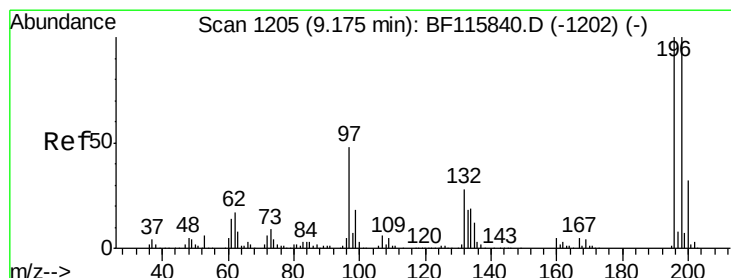
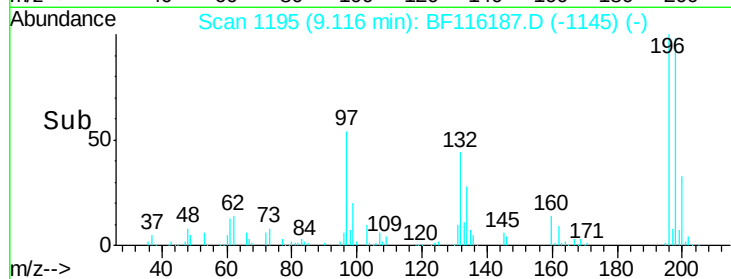
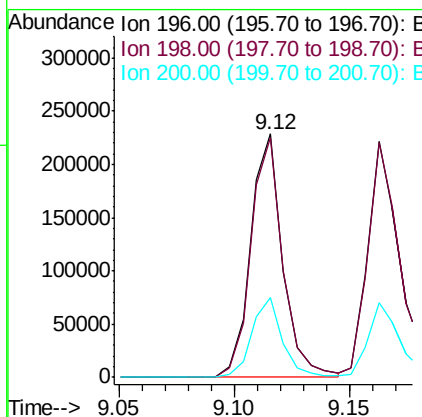
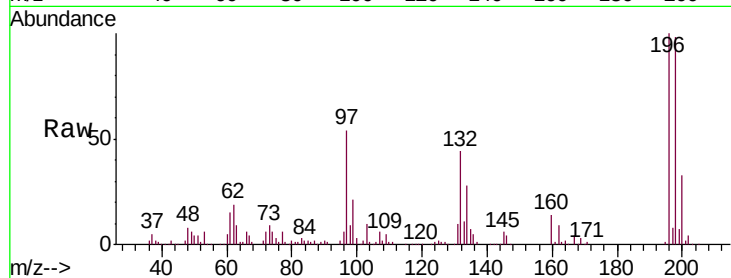




#43
 2,4,6-Trichlorophenol
 Concen: 38.939 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

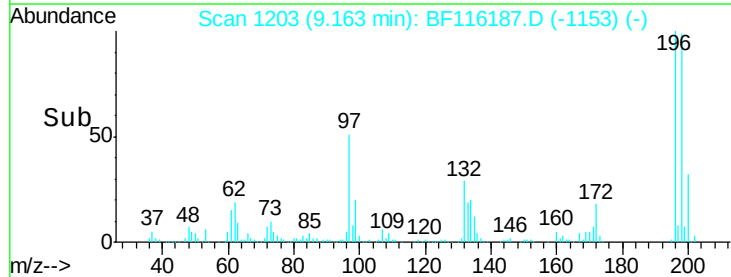
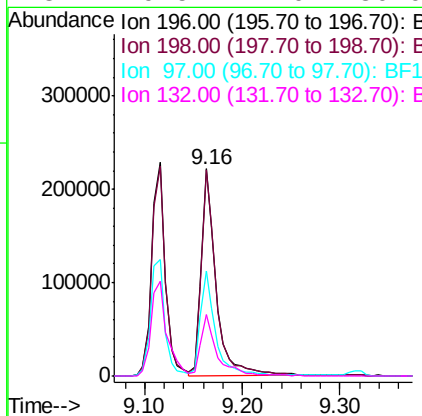
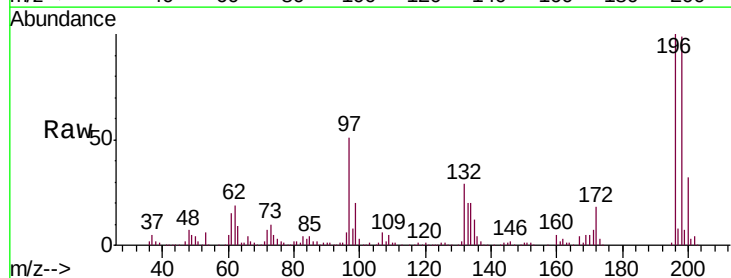
Instrument :
 BNA_F
 ClientSampleId :
 PB122156BS

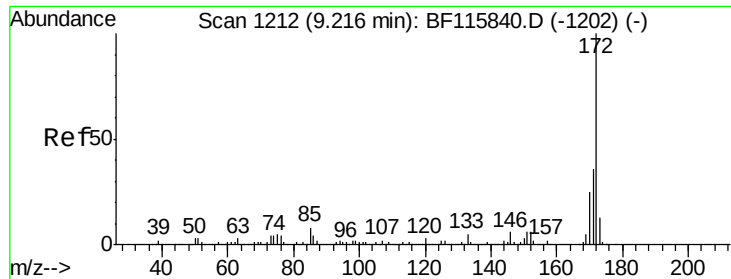
Tgt Ion:196 Resp: 221658
 Ion Ratio Lower Upper
 196 100
 198 98.5 79.2 118.8
 200 32.6 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 39.877 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Tgt Ion:196 Resp: 234644
 Ion Ratio Lower Upper
 196 100
 198 99.3 78.8 118.2
 97 50.7 42.2 63.4
 132 29.5 24.0 36.0

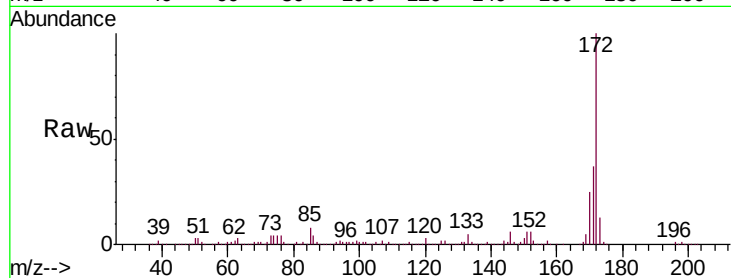




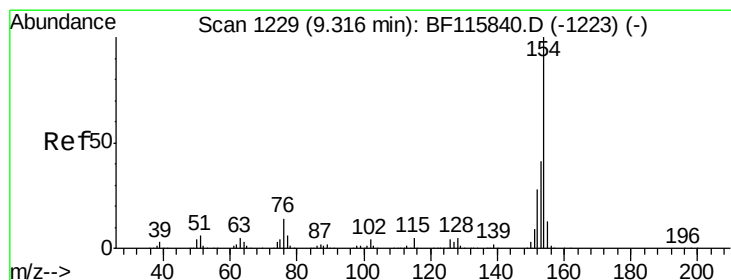
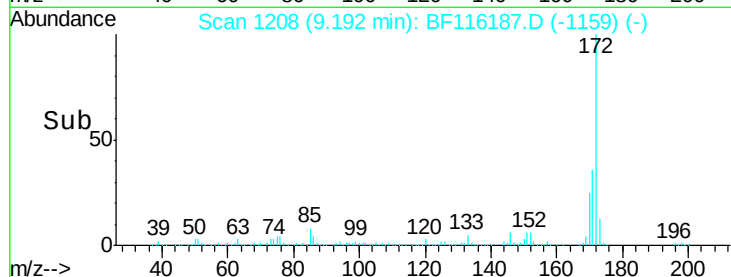
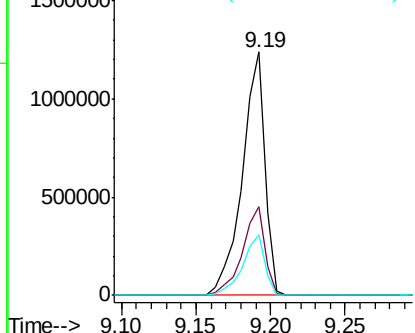
#45
2-Fluorobiphenyl
Concen: 78.948 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB122156BS

Tgt Ion:172 Resp: 1303866
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.7 20.1 30.1

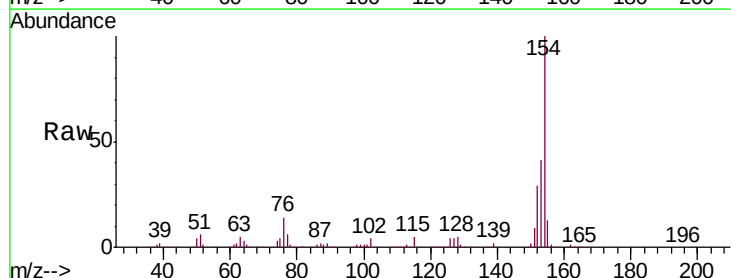


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

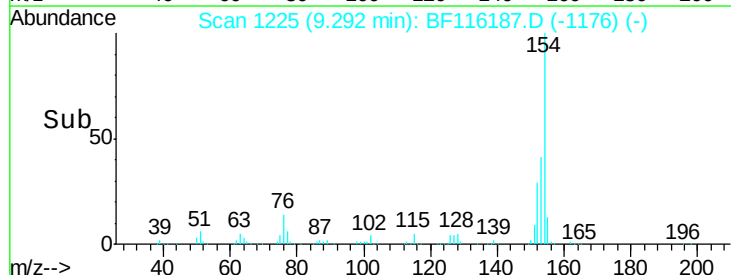
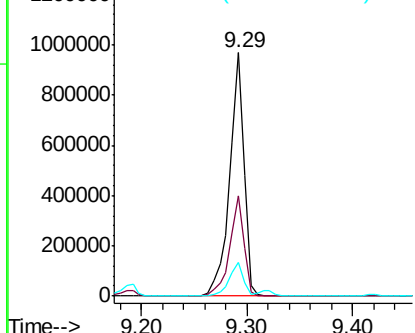


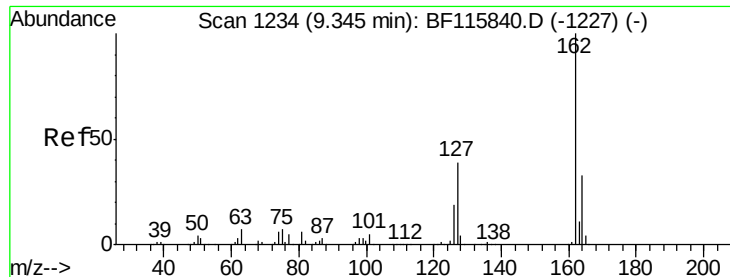
#46
1,1'-Biphenyl
Concen: 41.471 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion:154 Resp: 905706
Ion Ratio Lower Upper
154 100
153 41.2 21.4 61.4
76 14.1 0.0 35.2



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

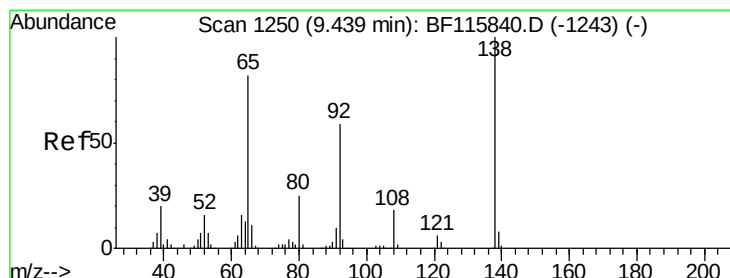
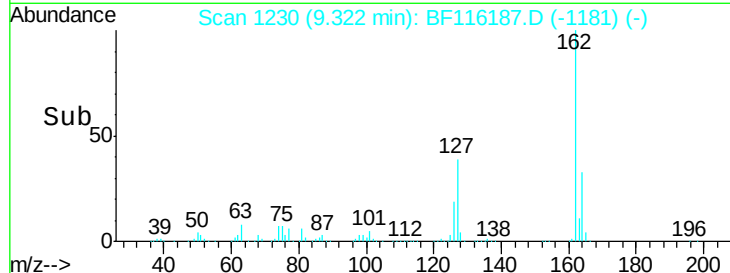
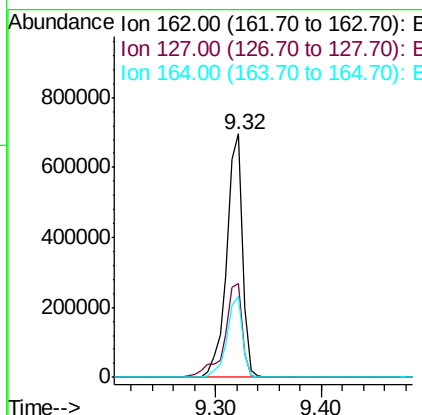
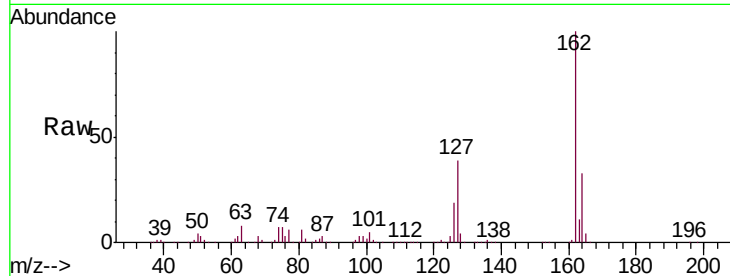




#47
 2-Chloronaphthalene
 Concen: 39.522 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

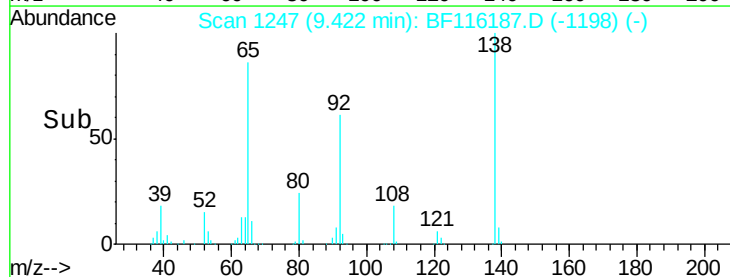
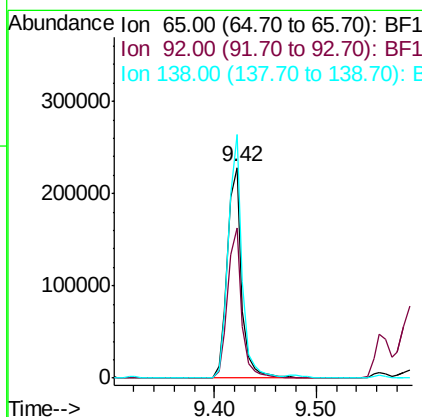
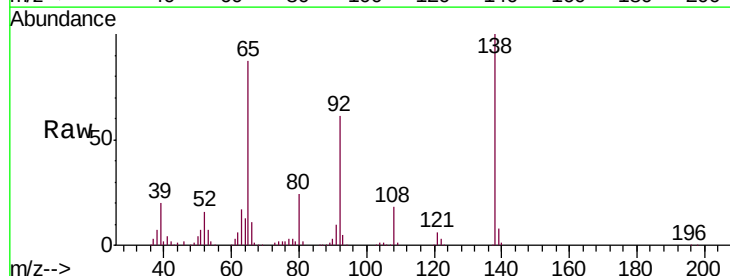
Instrument :
 BNA_F
 ClientSampleId :
 PB122156BS

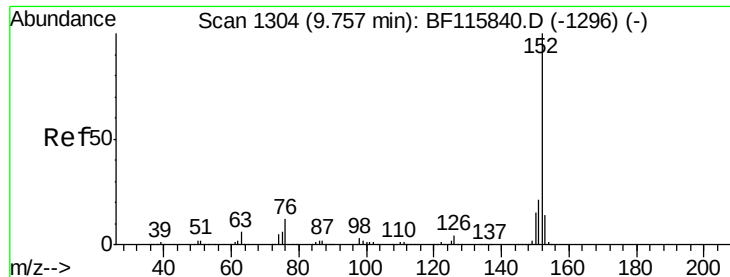
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.6	32.8	49.2
164	33.1	26.6	39.8



#48
 2-Nitroaniline
 Concen: 37.593 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.9	57.8	86.8
138	115.4	94.0	141.0





#49

Acenaphthylene

Concen: 40.511 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB122156BS

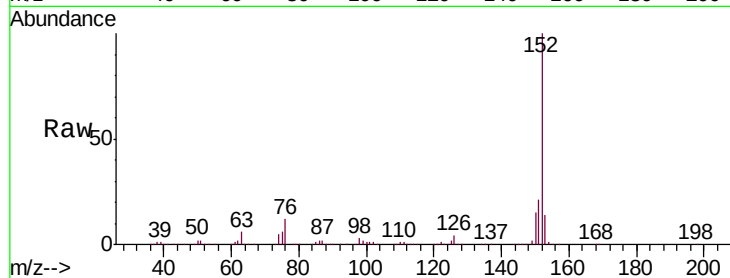
Tgt Ion:152 Resp: 1074294

Ion Ratio Lower Upper

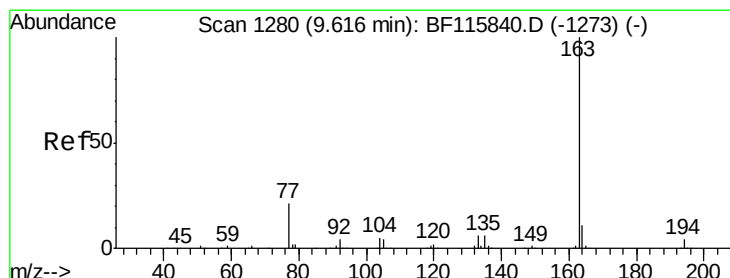
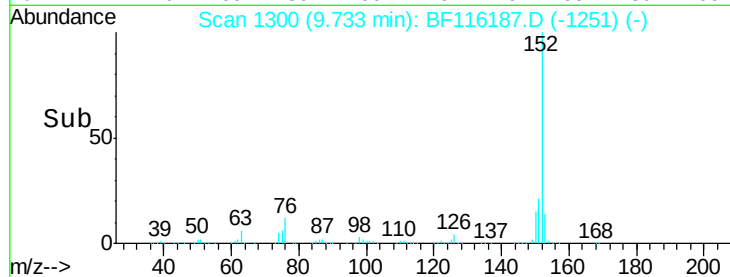
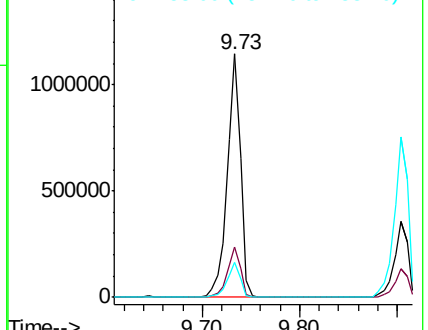
152 100

151 20.8 17.2 25.8

153 14.2 11.8 17.8



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: 40.699 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

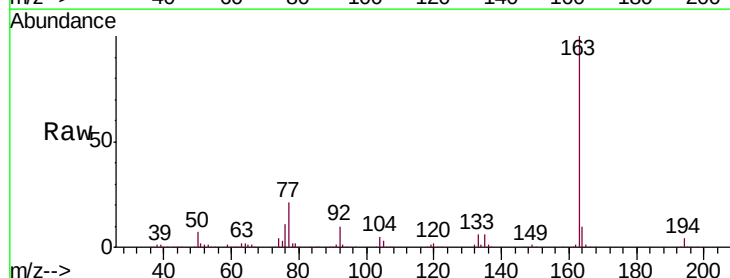
Tgt Ion:163 Resp: 857235

Ion Ratio Lower Upper

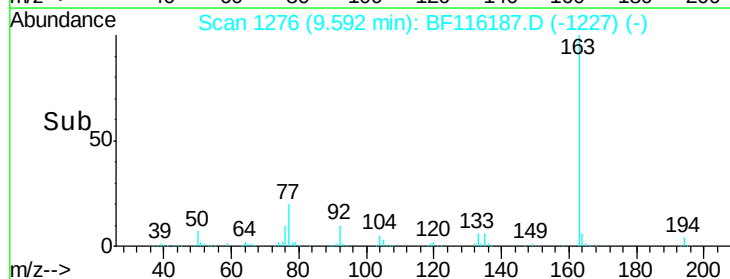
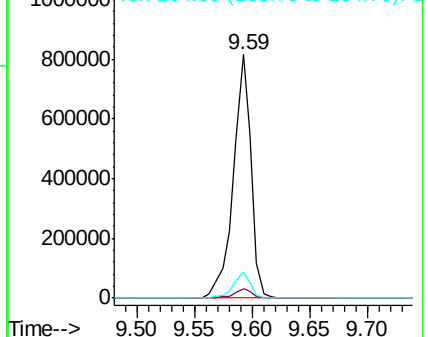
163 100

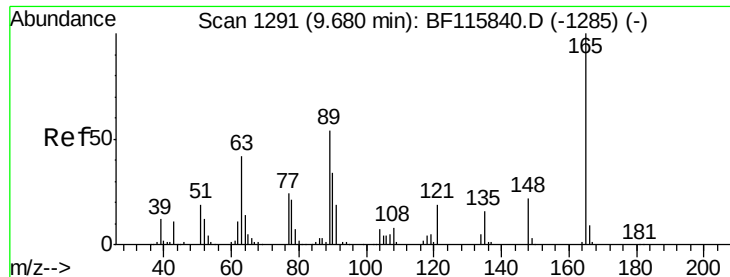
194 3.8 3.0 4.6

164 10.4 8.4 12.6



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

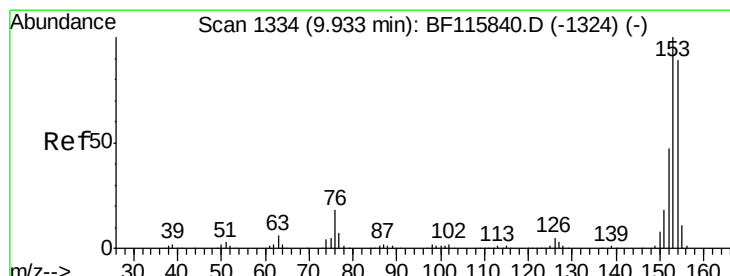
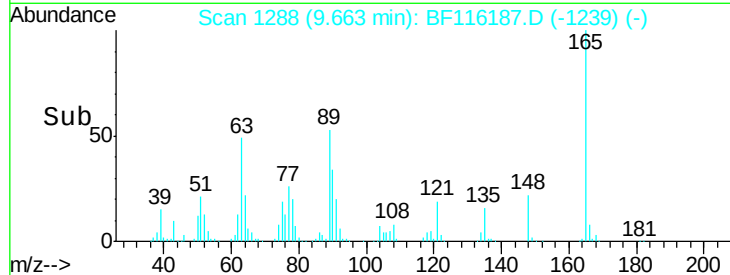
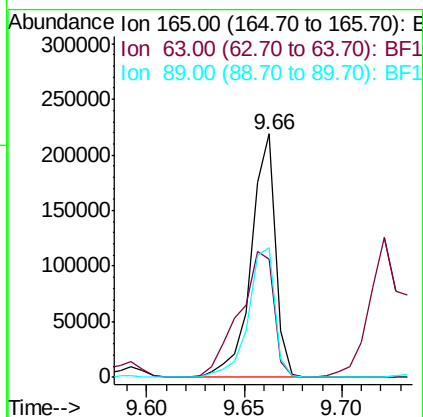
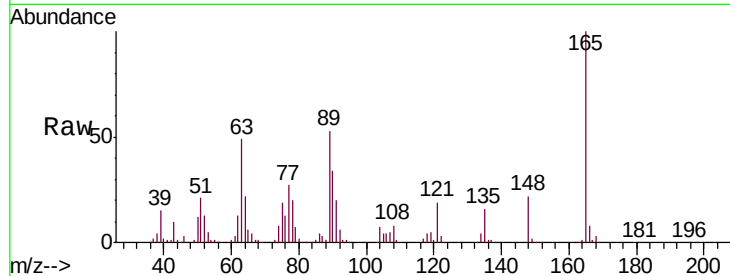




#51
 2,6-Dinitrotoluene
 Concen: 41.432 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

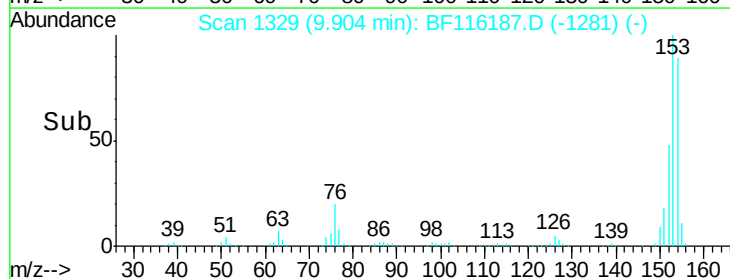
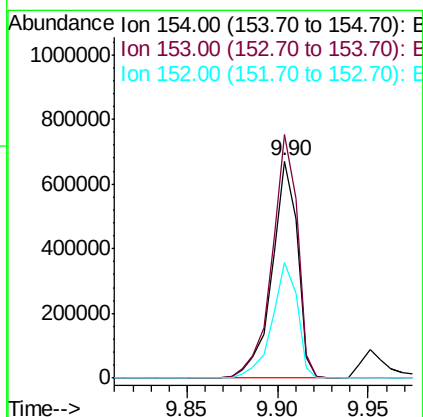
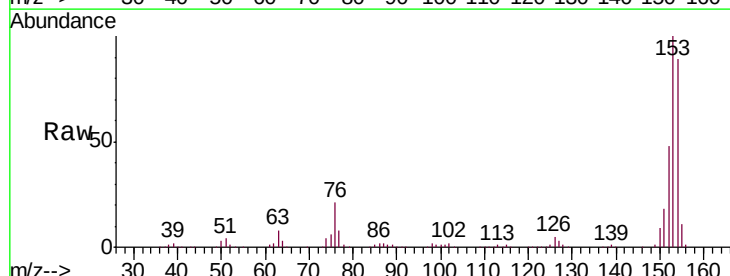
Instrument :
 BNA_F
 ClientSampleID :
 PB122156BS

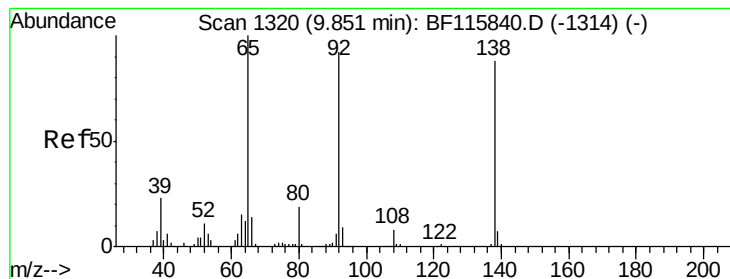
Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.6	38.2	57.2
89	53.4	42.9	64.3



#52
 Acenaphthene
 Concen: 40.187 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.4	134.0
152	53.5	42.3	63.5





#53

3-Nitroaniline

Concen: 25.902 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB122156BS

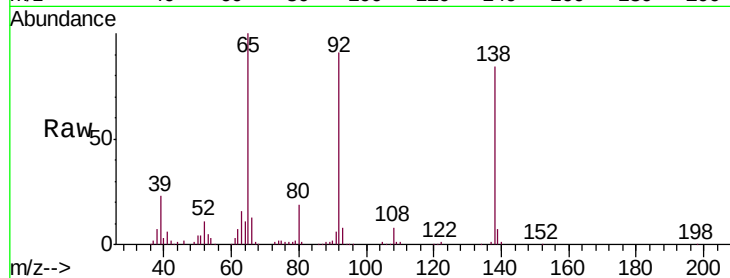
Tgt Ion:138 Resp: 146499

Ion Ratio Lower Upper

138 100

108 9.7 8.0 12.0

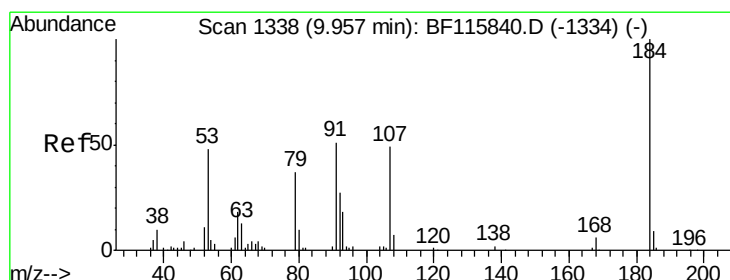
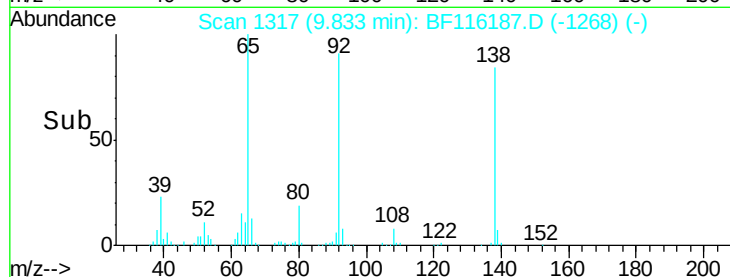
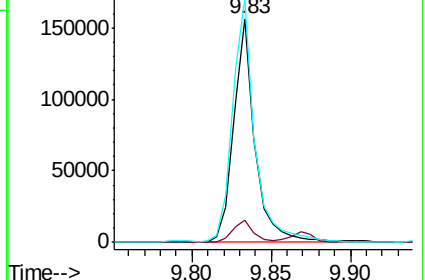
92 108.9 91.0 136.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 68.391 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

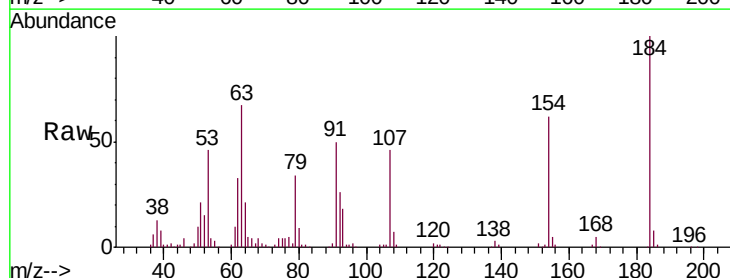
Tgt Ion:184 Resp: 156297

Ion Ratio Lower Upper

184 100

63 67.1 53.0 79.4

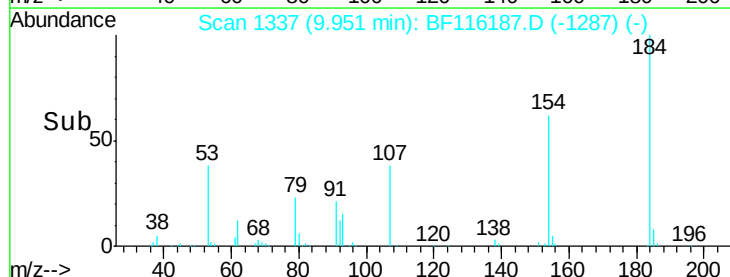
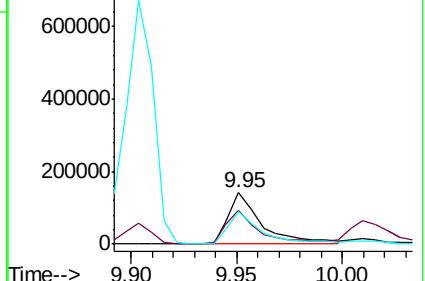
154 62.3 50.1 75.1

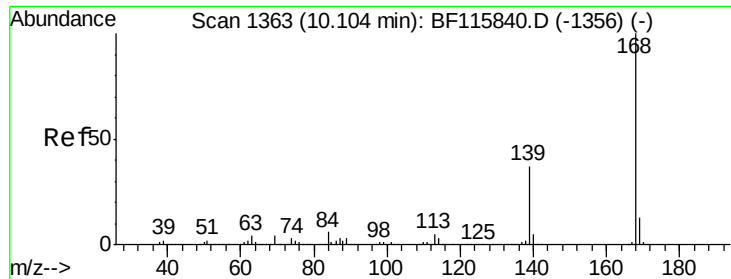


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 39.744 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB122156BS

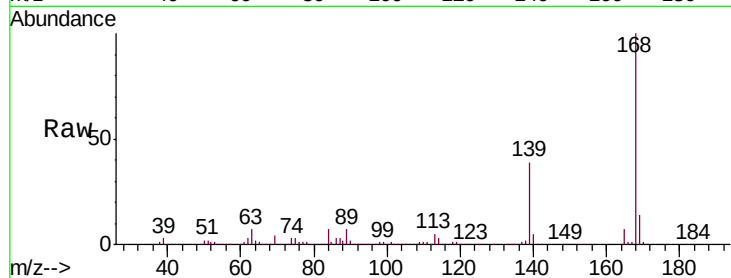
Tgt Ion:168 Resp: 940310

Ion Ratio Lower Upper

168 100

139 39.0 31.4 47.2

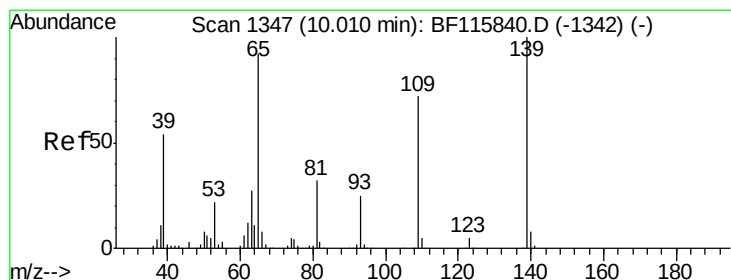
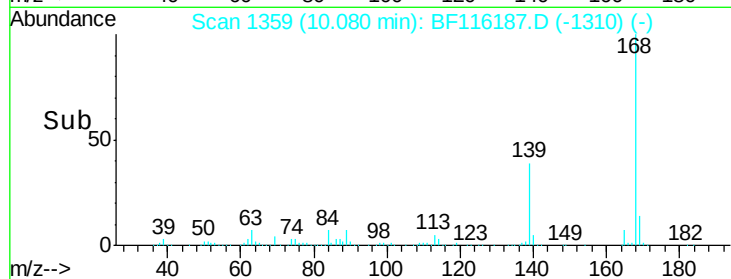
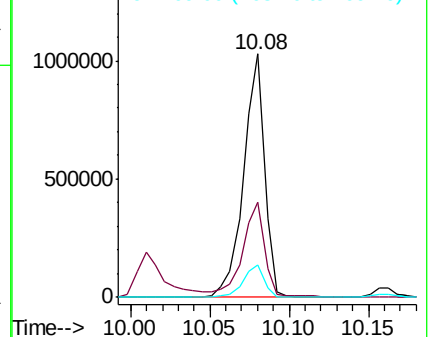
169 13.5 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 65.241 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

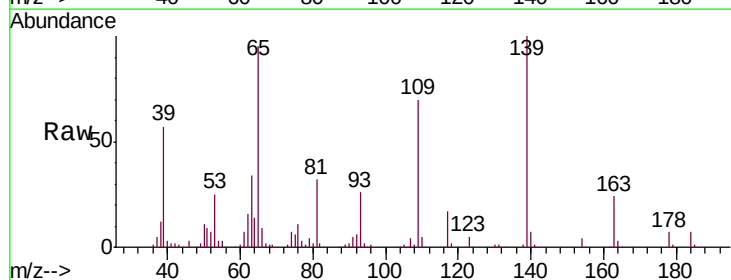
Tgt Ion:139 Resp: 236379

Ion Ratio Lower Upper

139 100

109 70.4 54.4 94.4

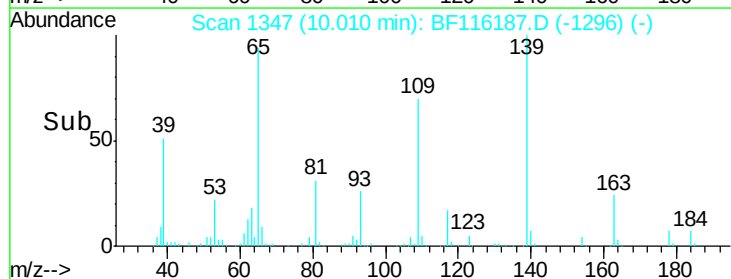
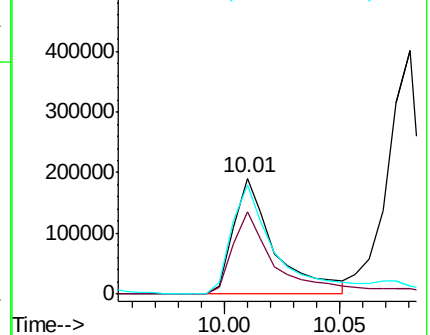
65 94.6 80.6 120.6

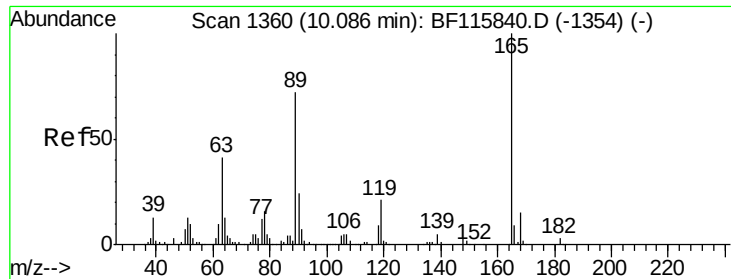


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 39.060 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

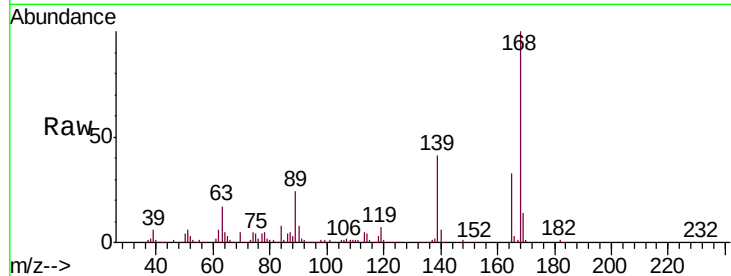
Instrument :

BNA_F

ClientSampleId :

PB122156BS

Tgt Ion:	165	Resp:	238048
Ion	Ratio	Lower	Upper
165	100		
63	53.1	39.6	59.4
89	74.3	62.2	93.2
182	2.6	2.1	3.1

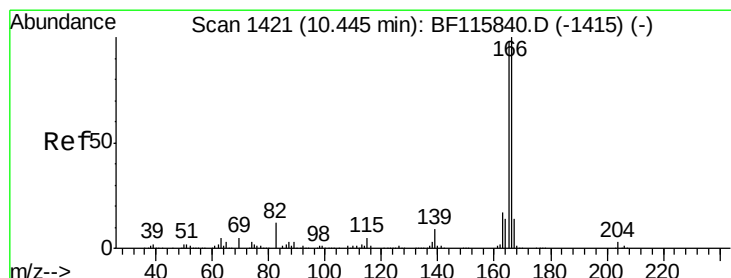
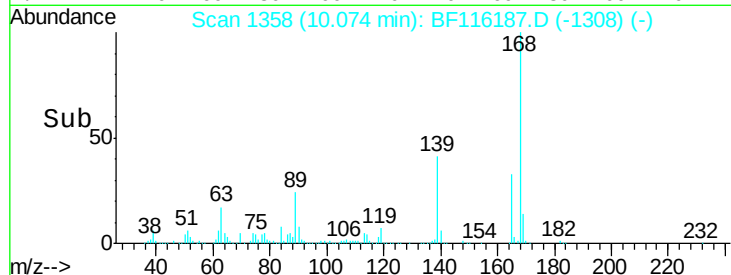
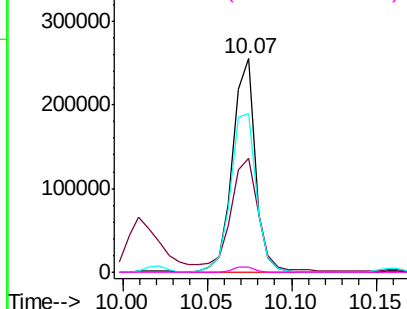


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 41.566 ng

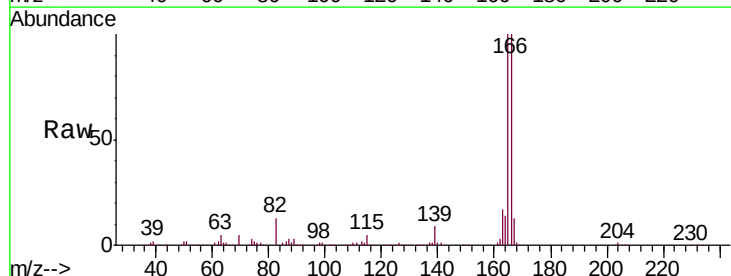
RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

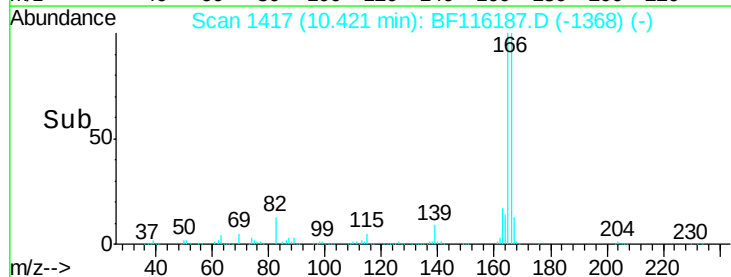
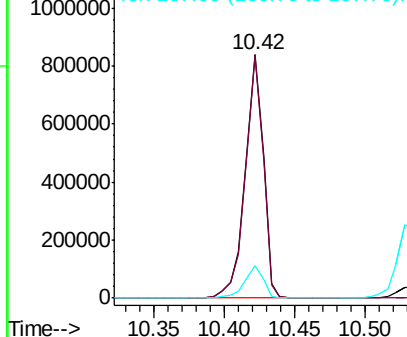
Tgt Ion:	166	Resp:	756617
Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.4	117.6
167	13.4	11.0	16.4

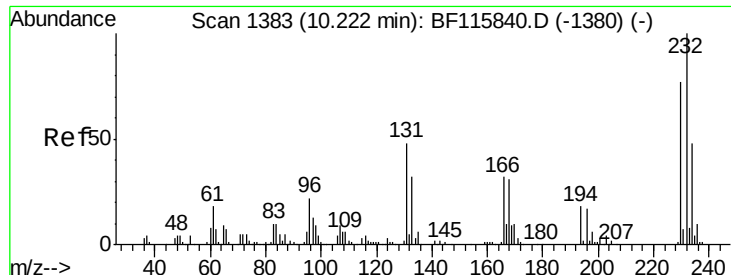


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

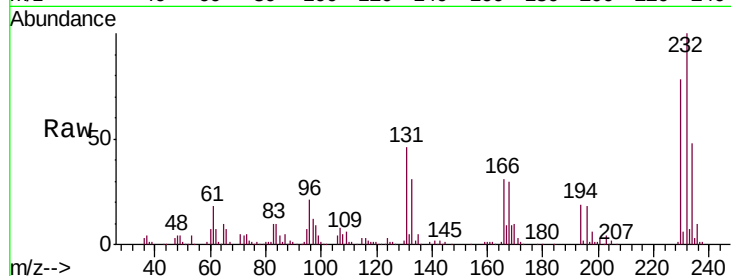




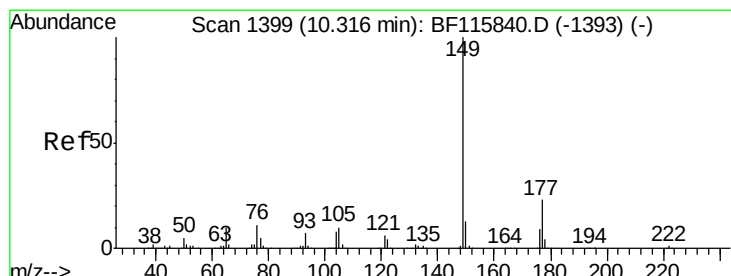
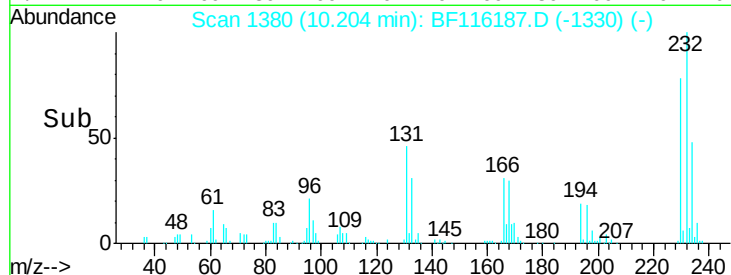
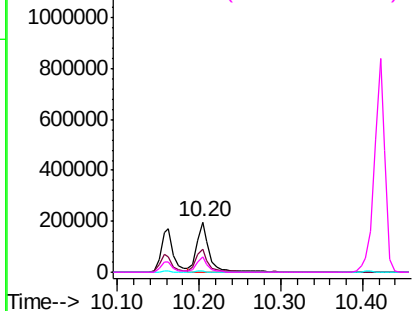
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.006 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB122156BS

Tgt Ion:	232	Resp:	207952
Ion	Ratio	Lower	Upper
232	100		
131	44.8	36.2	54.2
130	2.4	1.9	2.9
166	29.0	23.0	34.4

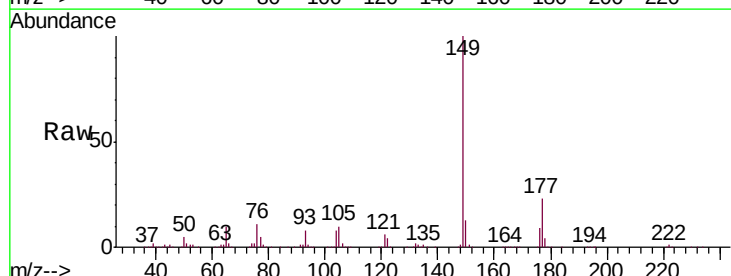


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

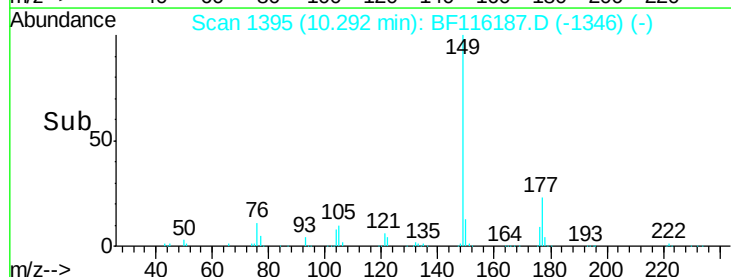
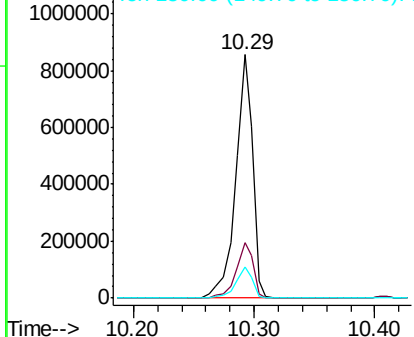


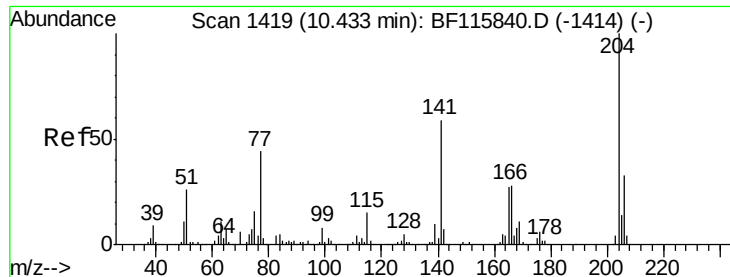
#60
 Diethylphthalate
 Concen: 42.367 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Tgt Ion:	149	Resp:	833142
Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.8	28.2
150	12.9	10.2	15.4



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

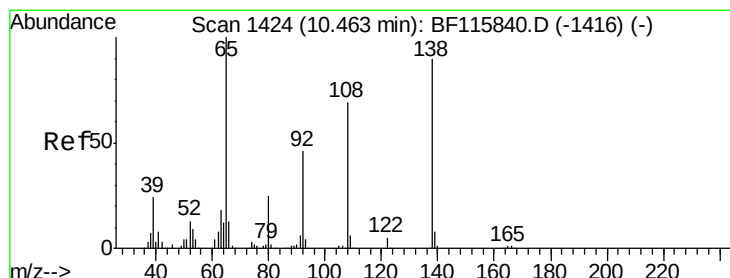
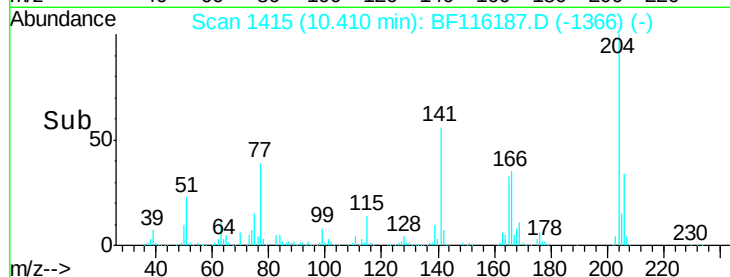
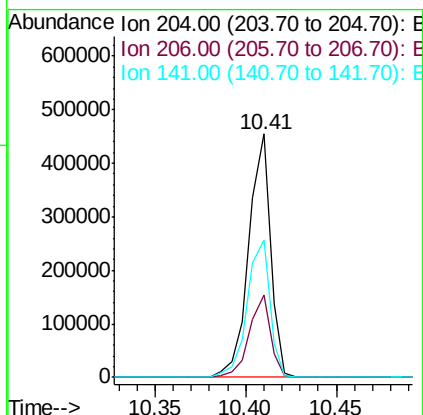
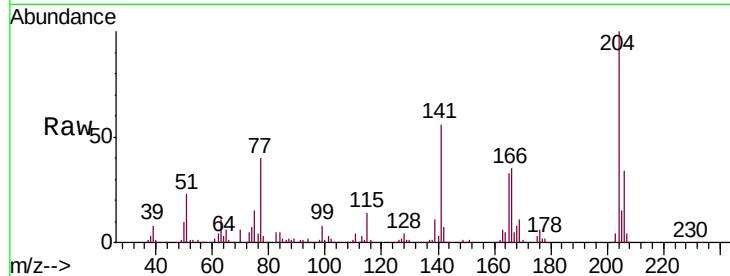




#61
 4-Chlorophenyl-phenylether
 Concen: 41.432 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

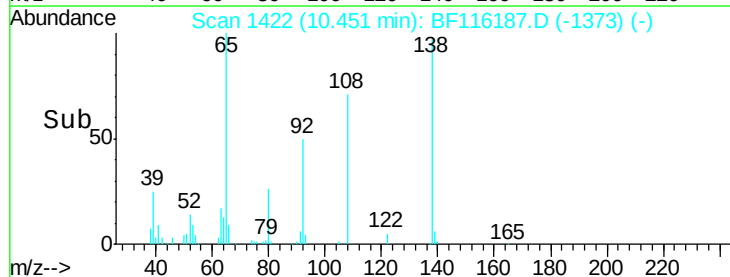
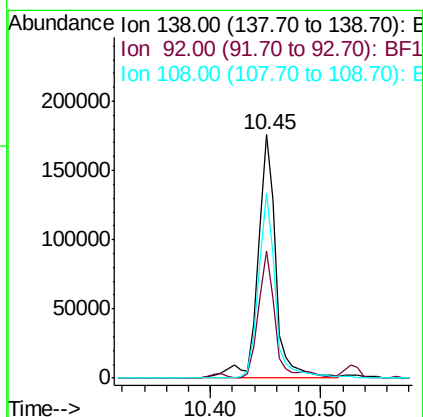
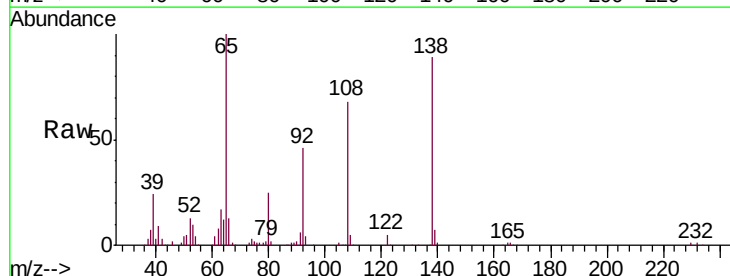
Instrument :
 BNA_F
 ClientSampleId :
 PB122156BS

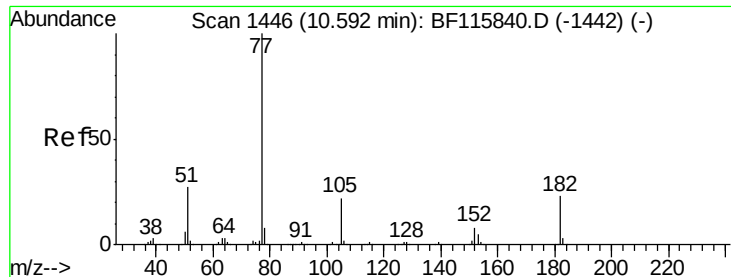
Tgt Ion: 204 Resp: 381952
 Ion Ratio Lower Upper
 204 100
 206 33.7 26.4 39.6
 141 56.5 46.4 69.6



#62
 4-Nitroaniline
 Concen: 34.183 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Tgt Ion: 138 Resp: 199800
 Ion Ratio Lower Upper
 138 100
 92 52.0 29.0 69.0
 108 76.1 54.7 94.7

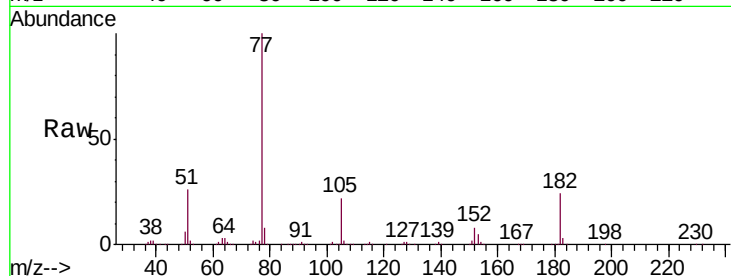




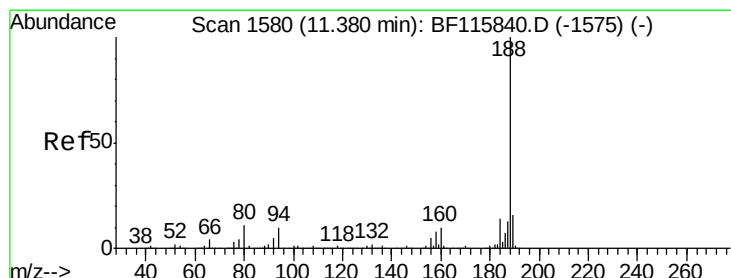
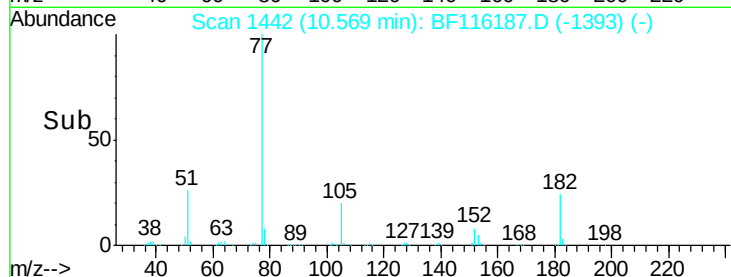
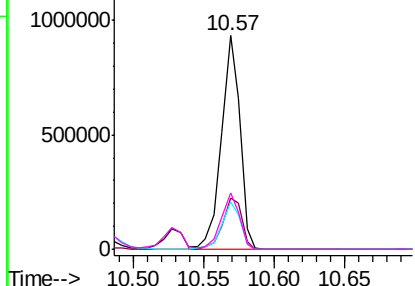
#63
Azobenzene
Concen: 42.100 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB122156BS

Tgt Ion: 77 Resp: 851540
Ion Ratio Lower Upper
77 100
182 23.9 4.0 44.0
105 22.0 2.0 42.0
51 26.4 7.5 47.5

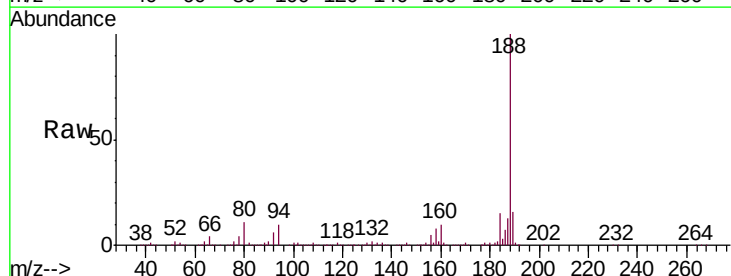


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

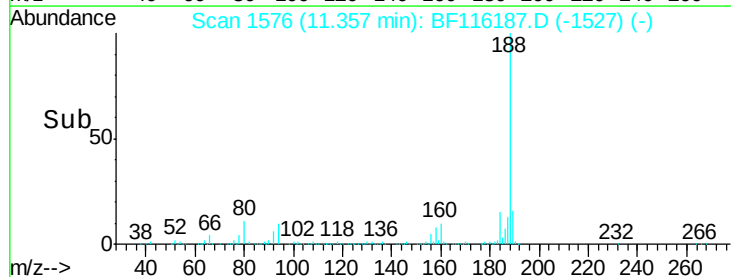
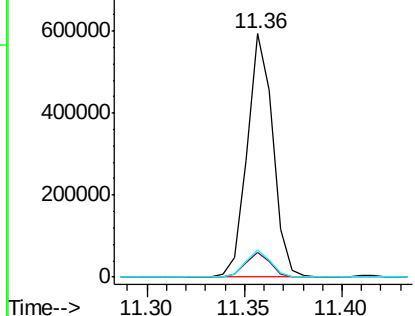


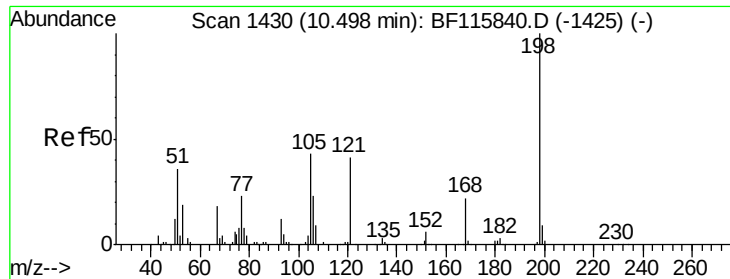
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion: 188 Resp: 542469
Ion Ratio Lower Upper
188 100
94 10.3 8.1 12.1
80 11.3 8.7 13.1



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 43.067 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB122156BS

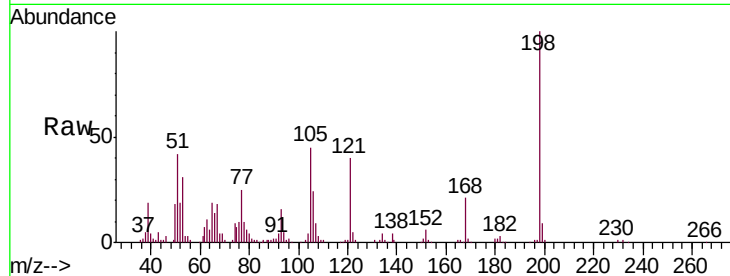
Tgt Ion:198 Resp: 123807

Ion Ratio Lower Upper

198 100

51 42.2 17.0 57.0

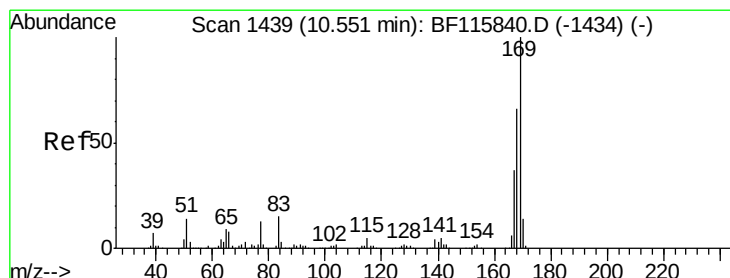
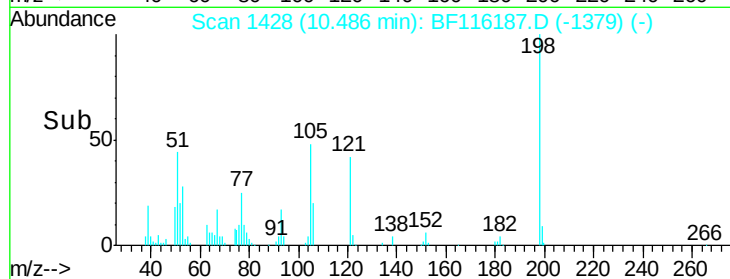
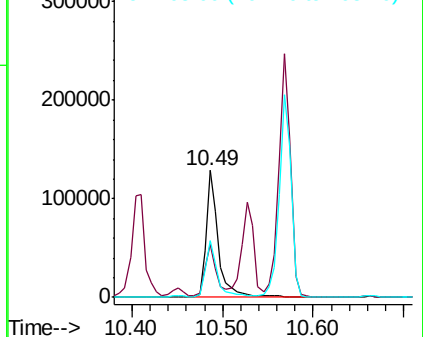
105 44.8 21.6 61.6



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: 41.863 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.02 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

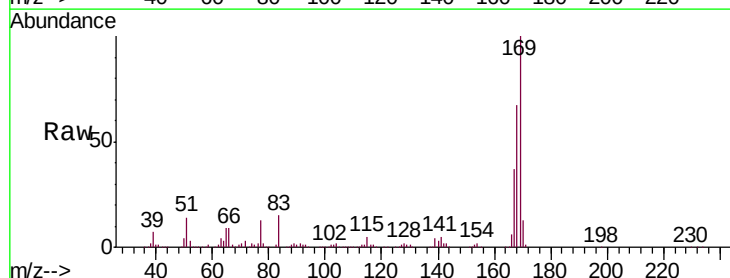
Tgt Ion:169 Resp: 683531

Ion Ratio Lower Upper

169 100

168 67.1 53.8 80.6

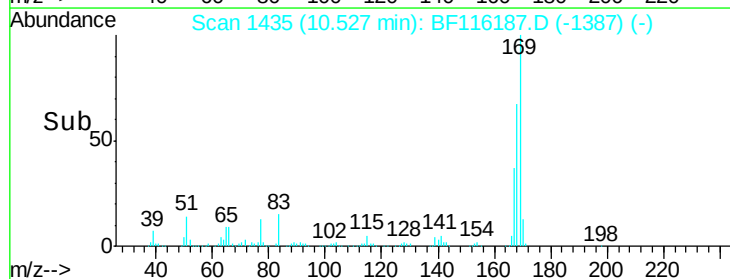
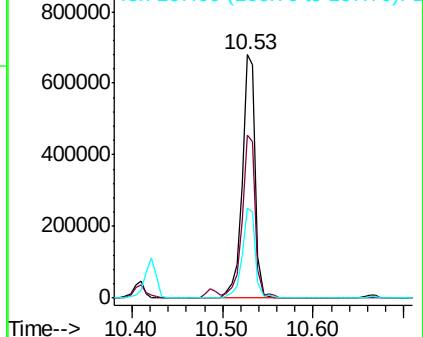
167 36.9 29.6 44.4

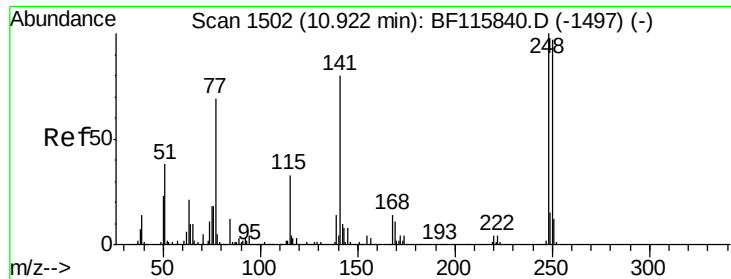


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

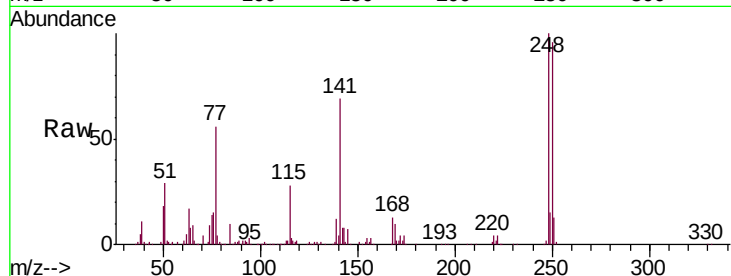




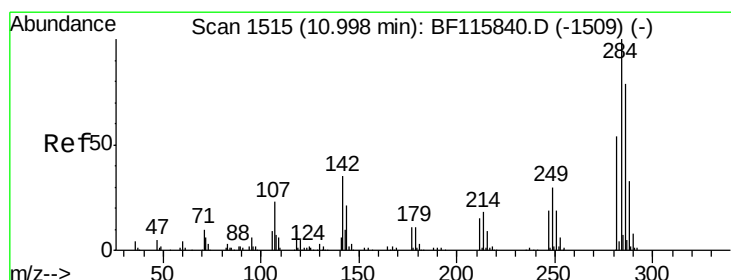
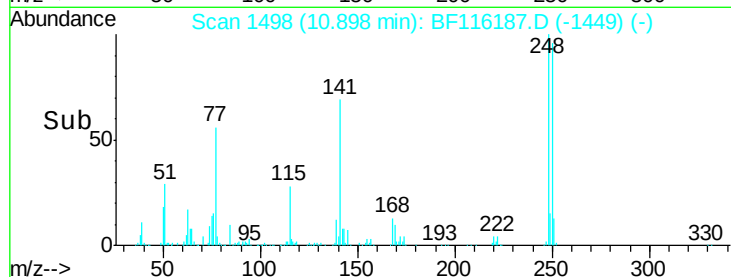
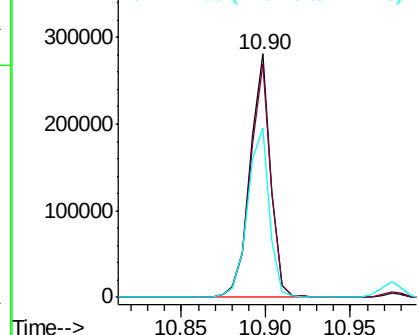
#67
4-Bromophenyl-phenylether
Concen: 41.284 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB122156BS

Tgt Ion:248 Resp: 239743
Ion Ratio Lower Upper
248 100
250 96.0 77.4 116.2
141 69.4 56.8 85.2

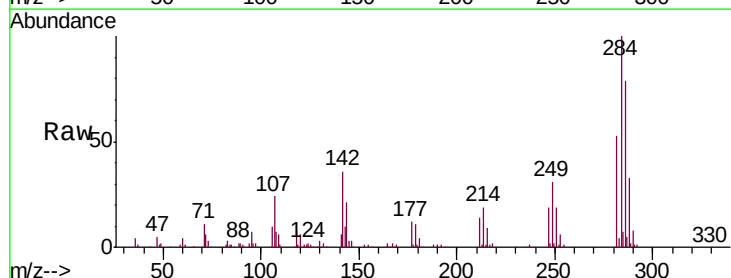


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

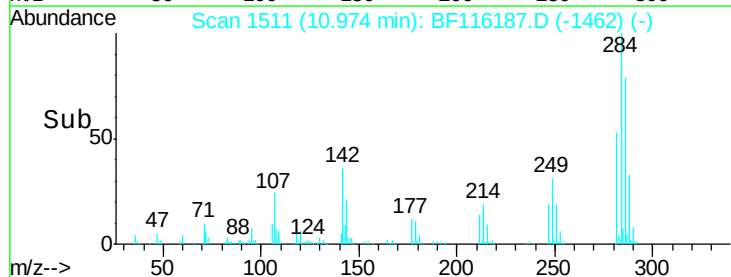
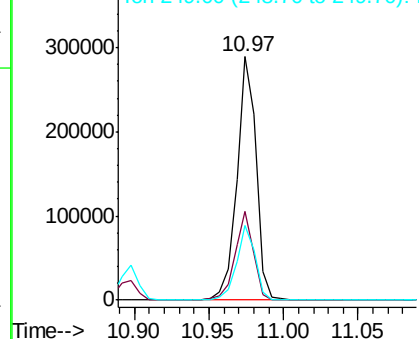


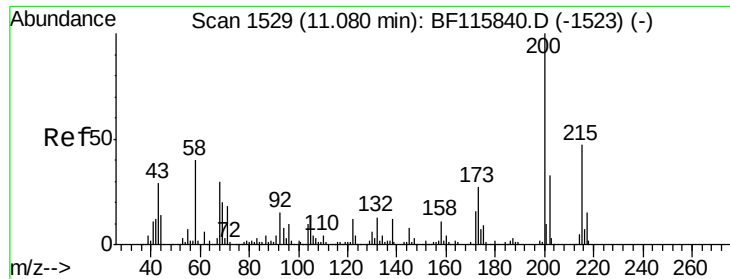
#68
Hexachlorobenzene
Concen: 39.211 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion:284 Resp: 263304
Ion Ratio Lower Upper
284 100
142 36.4 28.4 42.6
249 30.7 24.5 36.7



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





#69

Atrazine

Concen: 39.290 ng

RT: 11.06 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB122156BS

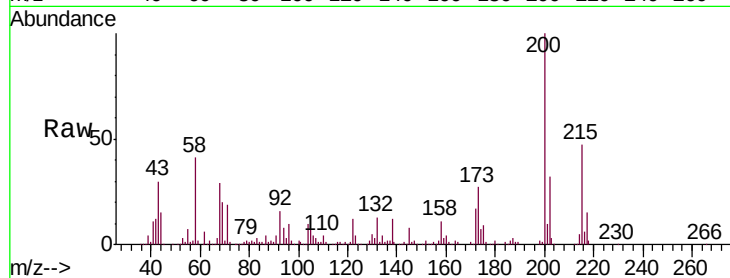
Tgt Ion:200 Resp: 211046

Ion Ratio Lower Upper

200 100

173 26.8 6.8 46.8

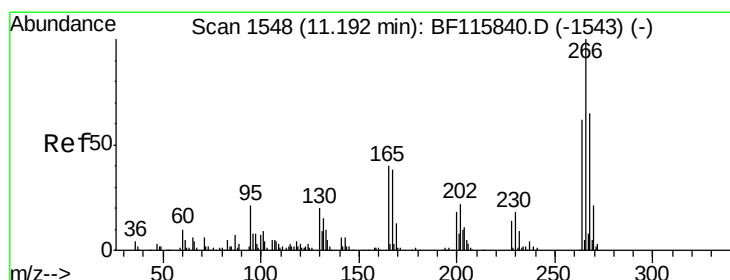
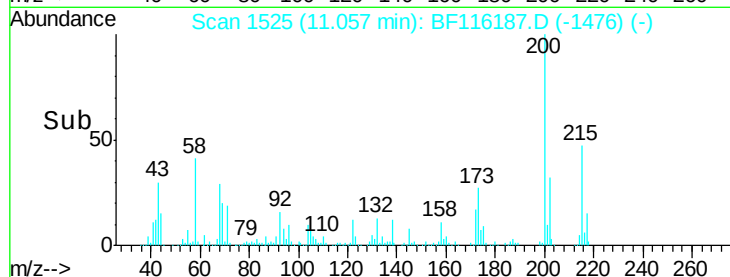
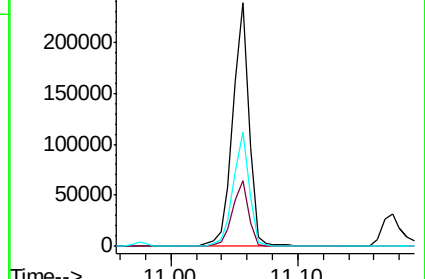
215 47.1 27.5 67.5



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: 73.505 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

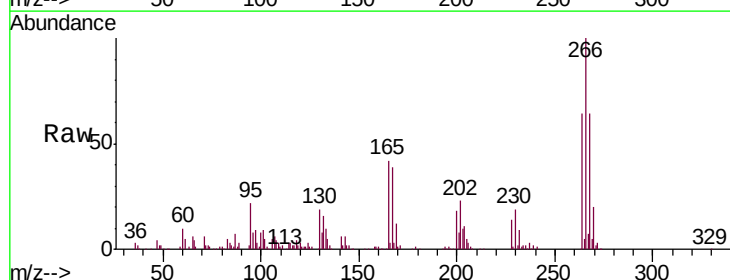
Tgt Ion:266 Resp: 239636

Ion Ratio Lower Upper

266 100

268 63.5 48.8 73.2

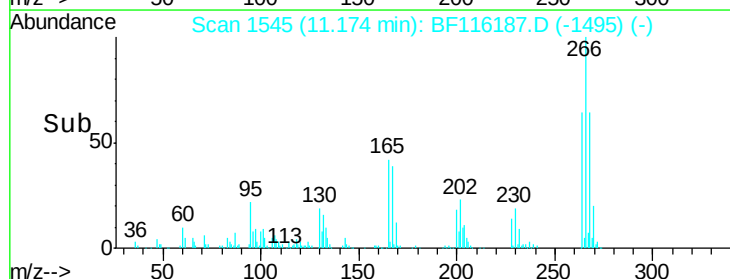
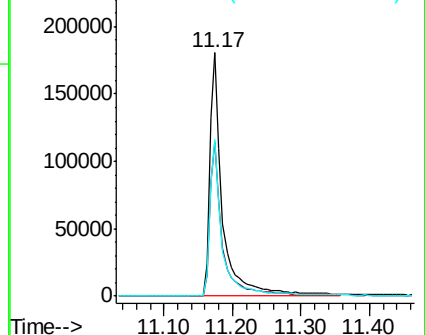
264 64.4 50.6 76.0

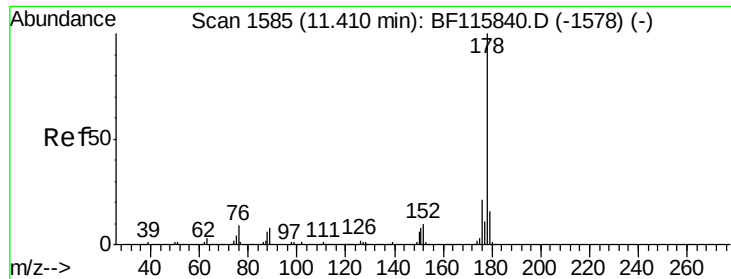


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.298 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB122156BS

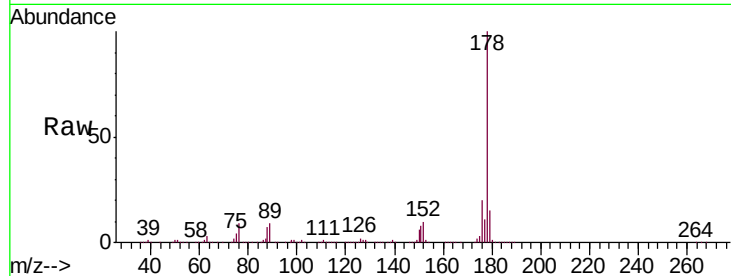
Tgt Ion:178 Resp: 1117562

Ion Ratio Lower Upper

178 100

176 20.3 16.6 24.8

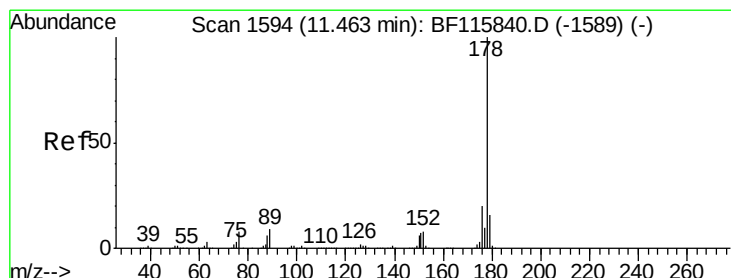
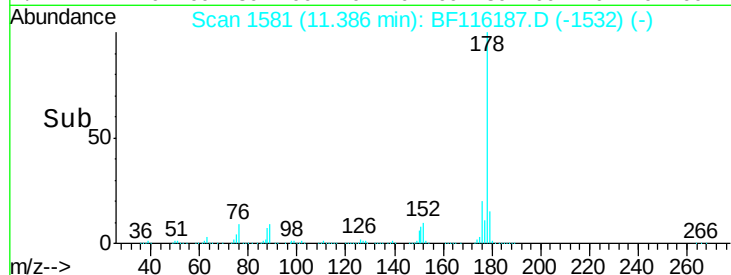
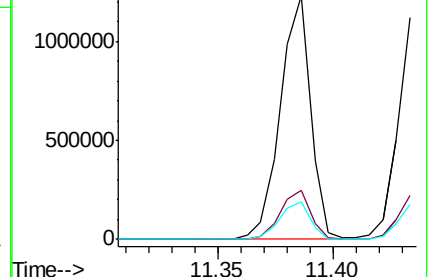
179 15.4 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.436 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

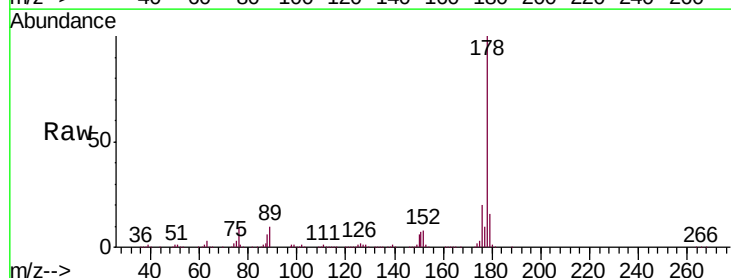
Tgt Ion:178 Resp: 1162959

Ion Ratio Lower Upper

178 100

176 20.1 15.7 23.5

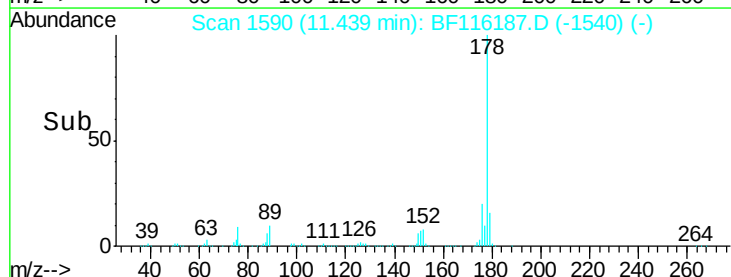
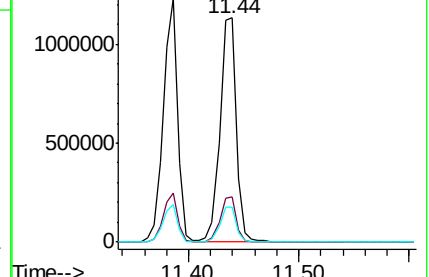
179 15.7 13.0 19.6

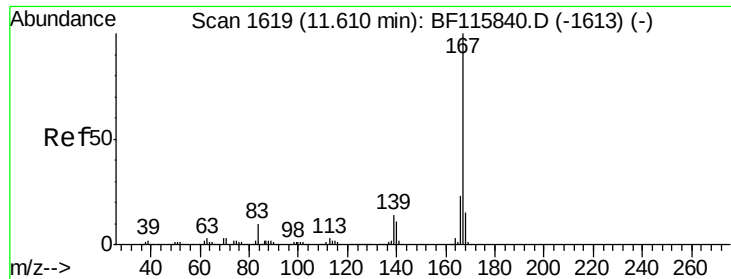


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

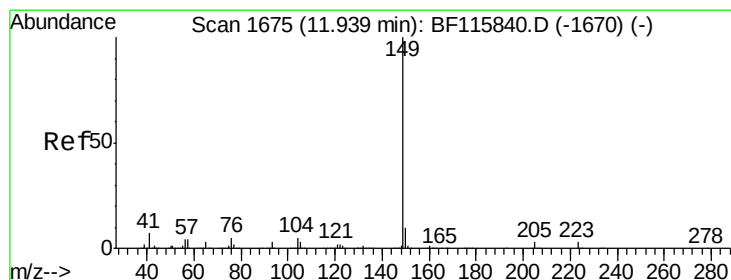
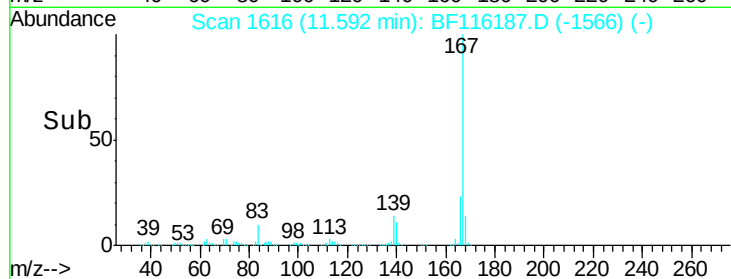
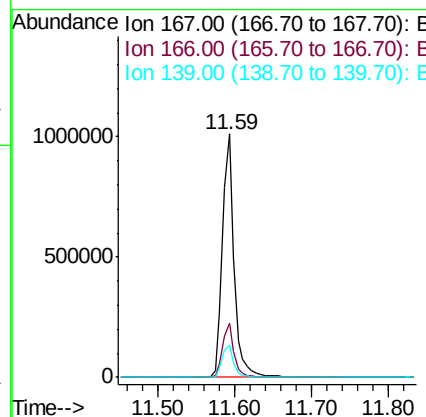
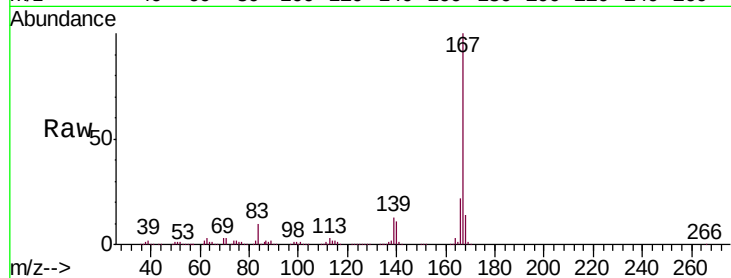




#73
 Carbazole
 Concen: 41.338 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

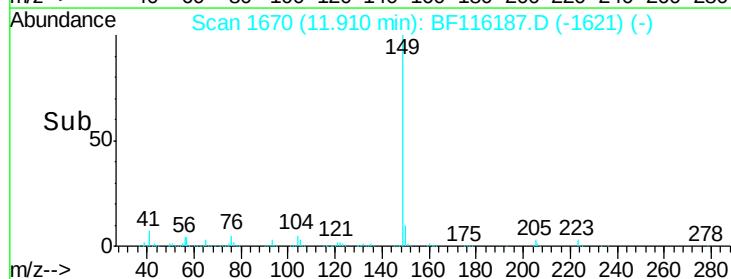
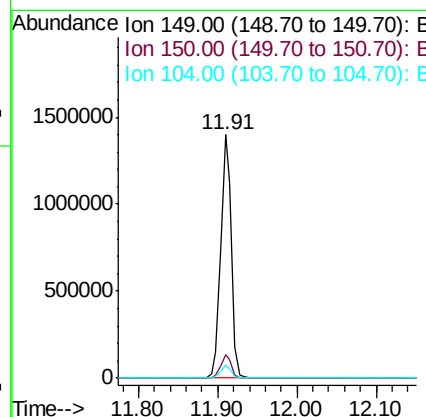
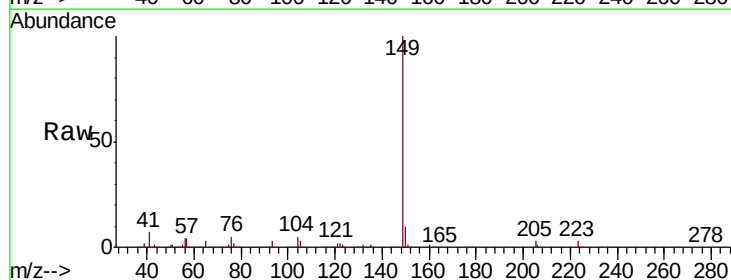
Instrument :
 BNA_F
 ClientSampleId :
 PB122156BS

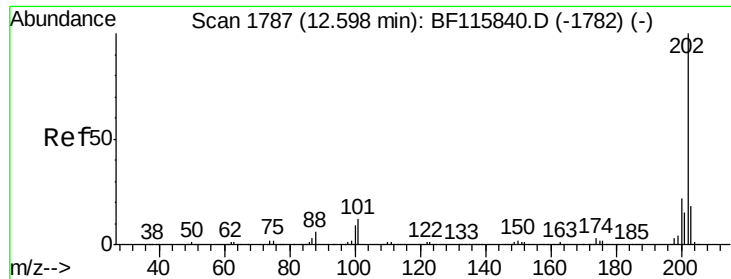
Tgt Ion:167 Resp: 1052590
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.8 26.6
 139 13.5 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 43.383 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Tgt Ion:149 Resp: 1288639
 Ion Ratio Lower Upper
 149 100
 150 9.8 8.0 12.0
 104 5.4 4.5 6.7

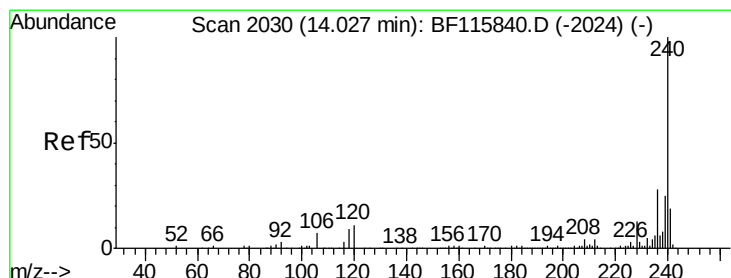
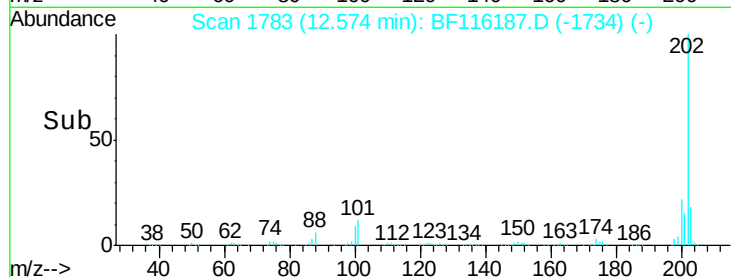
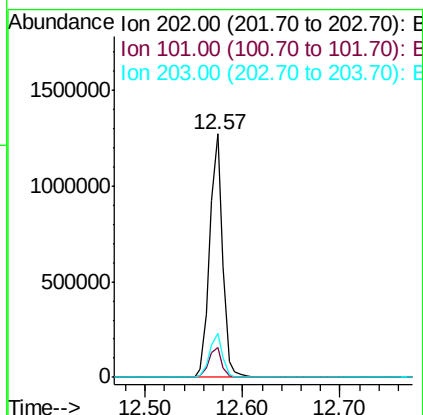
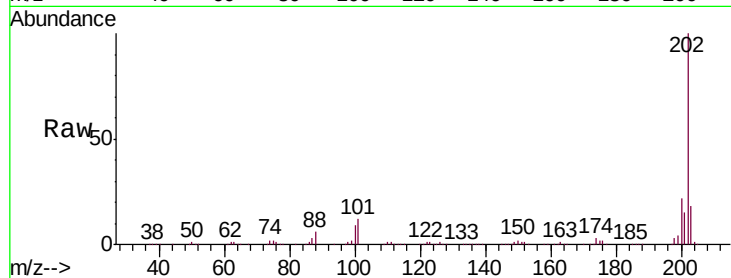




#75
 Fluoranthene
 Concen: 40.336 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

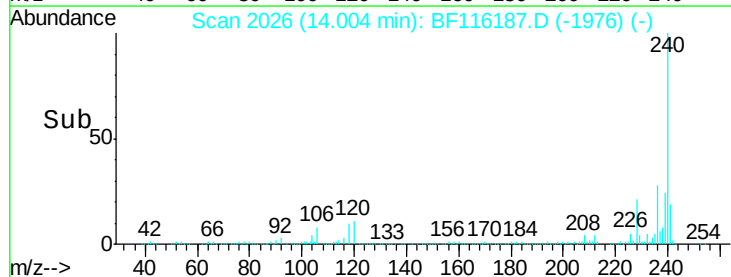
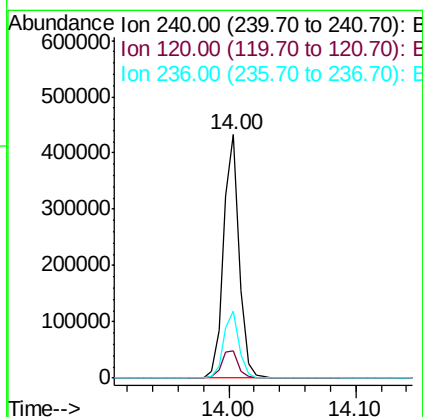
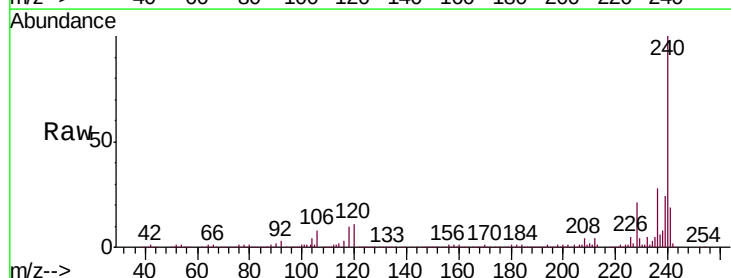
Instrument :
 BNA_F
 ClientSampleId :
 PB122156BS

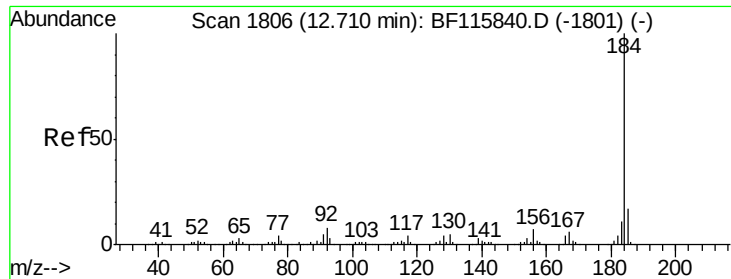
Tgt Ion: 202 Resp: 1171064
 Ion Ratio Lower Upper
 202 100
 101 12.4 0.0 31.2
 203 18.1 0.0 37.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116187.D
 Acq: 12 Aug 2019 13:05

Tgt Ion: 240 Resp: 371317
 Ion Ratio Lower Upper
 240 100
 120 11.0 10.7 16.1
 236 27.7 22.2 33.2

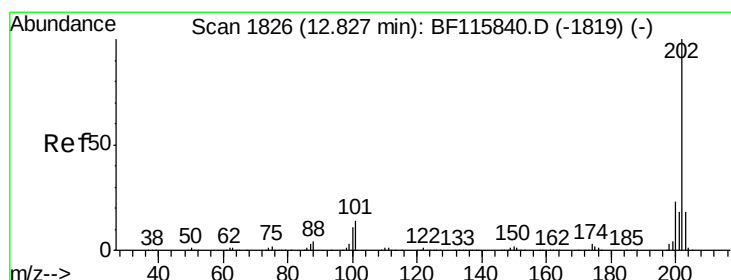
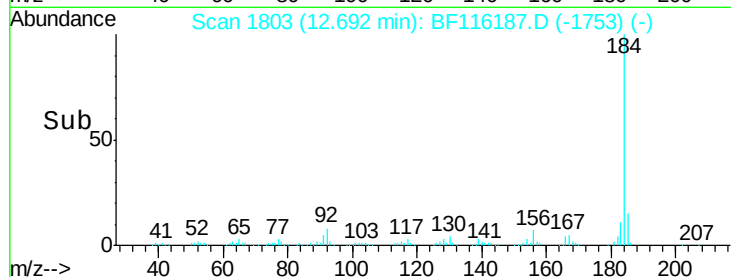
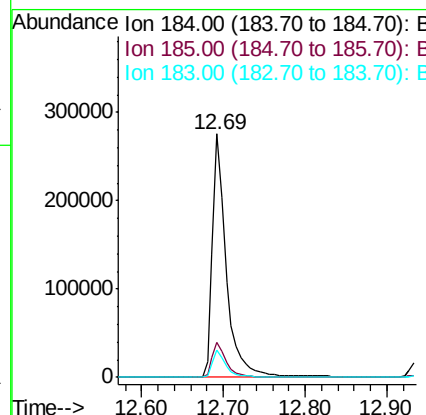
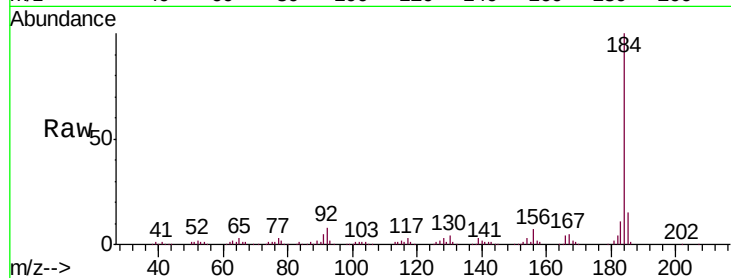




#77
Benzidine
Concen: 26.292 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

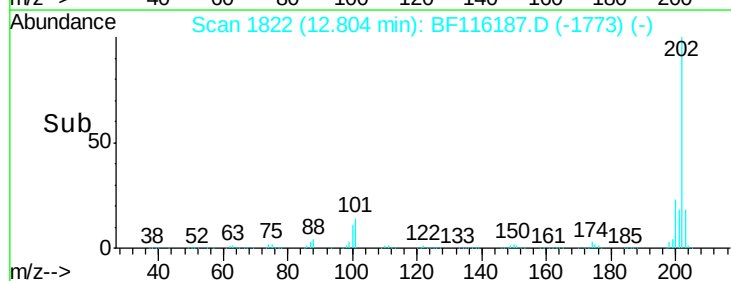
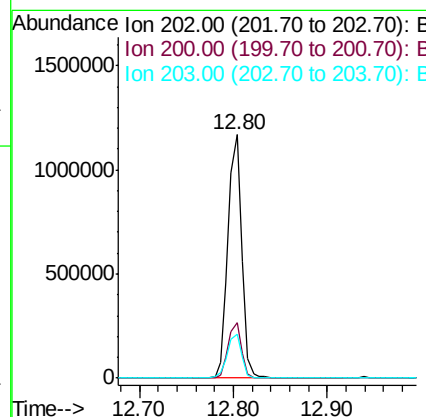
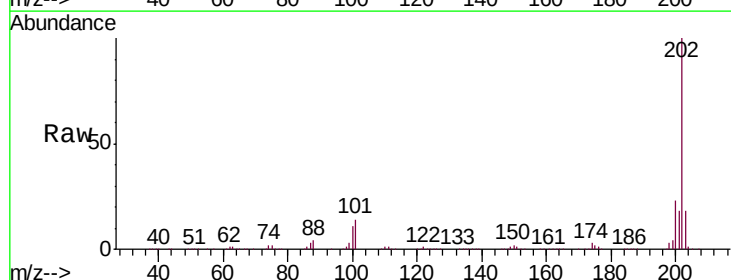
Instrument :
BNA_F
ClientSampleId :
PB122156BS

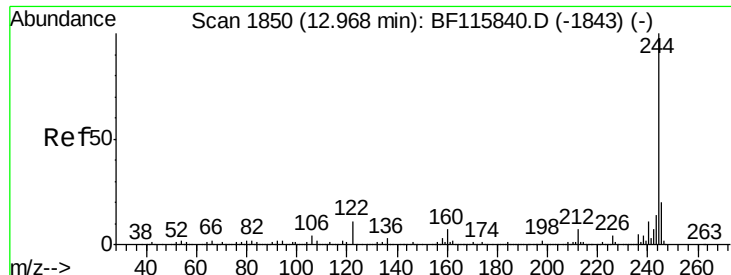
Tgt Ion:184 Resp: 329830
Ion Ratio Lower Upper
184 100
185 14.5 12.8 19.2
183 11.3 9.4 14.0



#78
Pyrene
Concen: 42.991 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion:202 Resp: 1203323
Ion Ratio Lower Upper
202 100
200 23.0 18.0 27.0
203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 83.942 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB122156BS

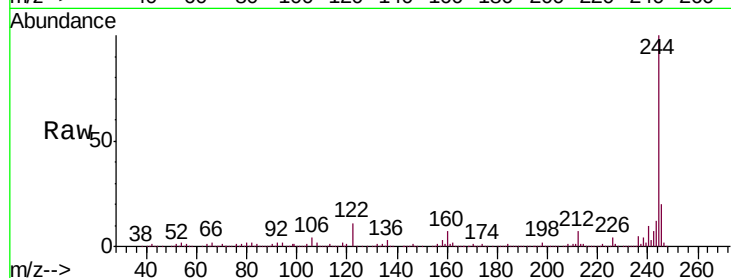
Tgt Ion:244 Resp: 1479197

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

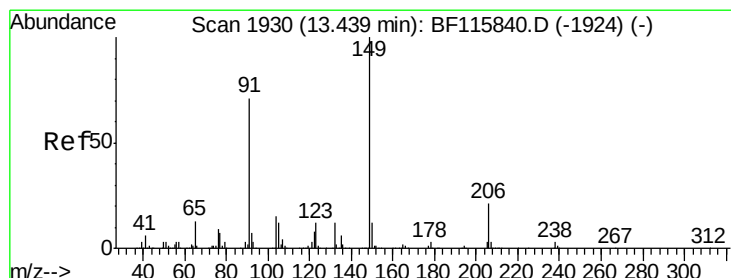
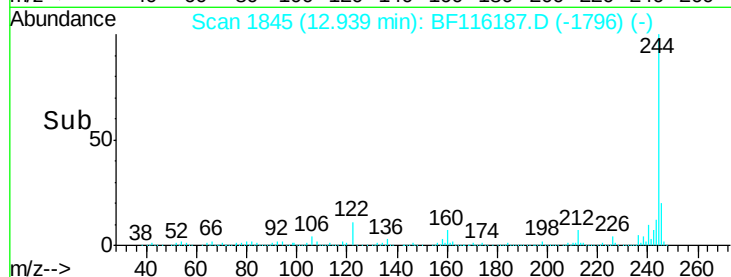
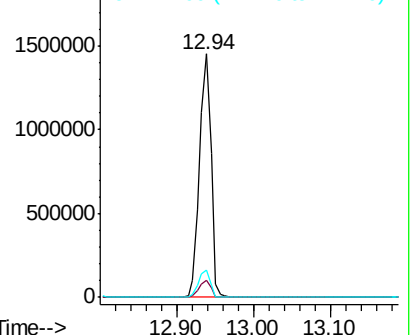
122 11.4 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.773 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

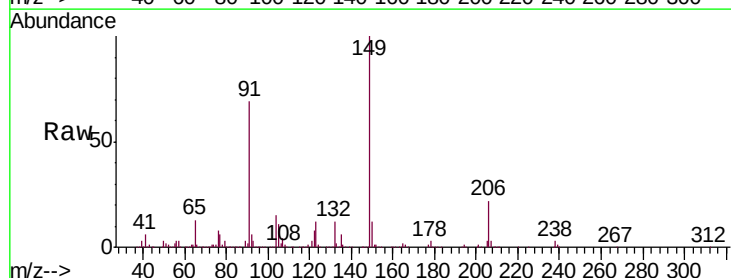
Tgt Ion:149 Resp: 530114

Ion Ratio Lower Upper

149 100

91 68.6 56.3 84.5

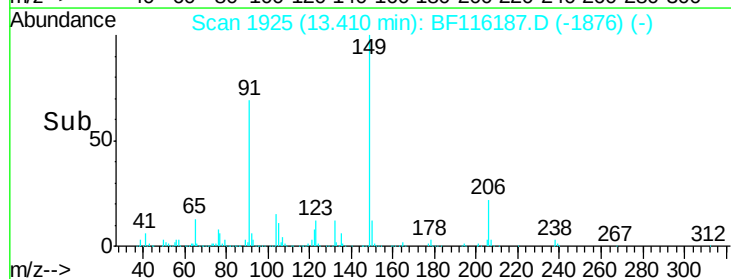
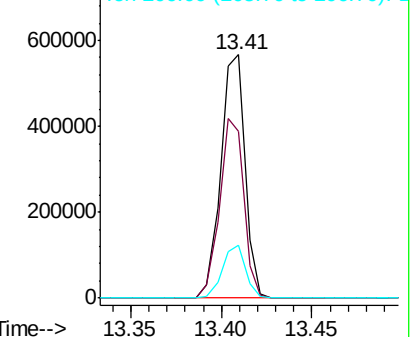
206 22.0 18.0 27.0

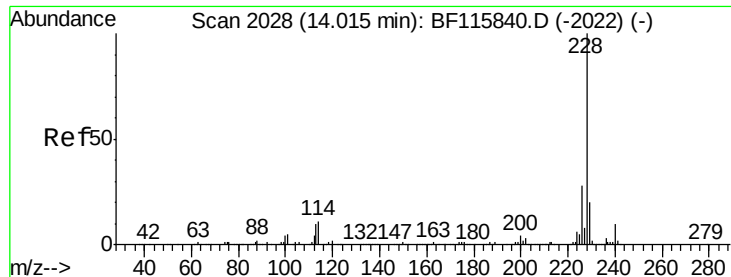


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.359 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB122156BS

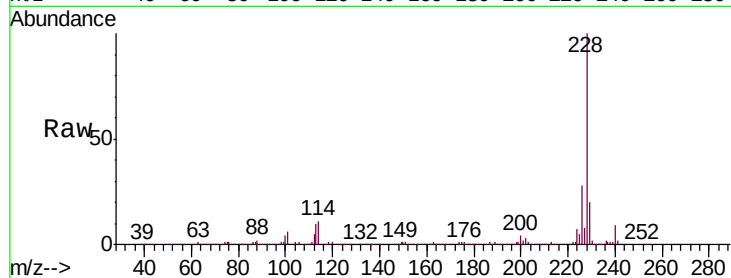
Tgt Ion:228 Resp: 957851

Ion Ratio Lower Upper

228 100

226 28.3 22.7 34.1

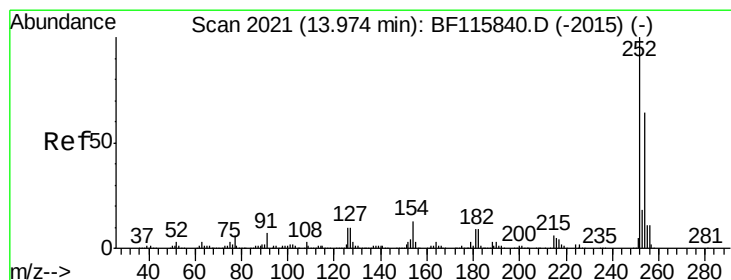
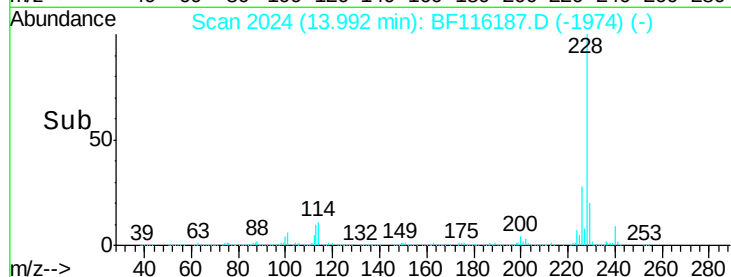
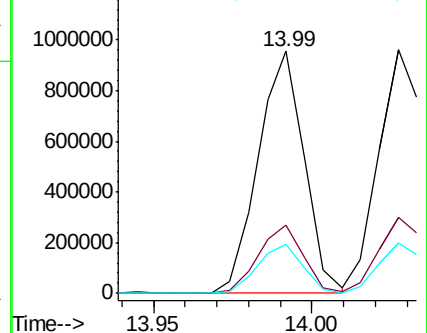
229 20.3 16.2 24.4



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: 35.042 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

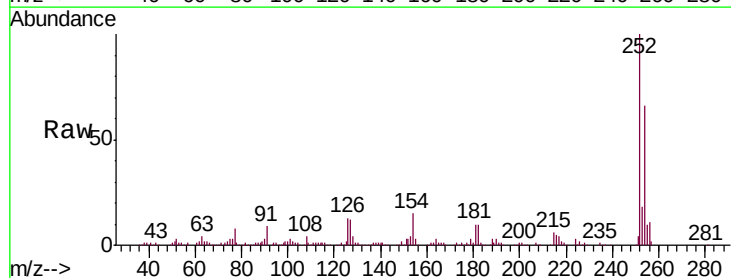
Tgt Ion:252 Resp: 288937

Ion Ratio Lower Upper

252 100

254 65.8 50.9 76.3

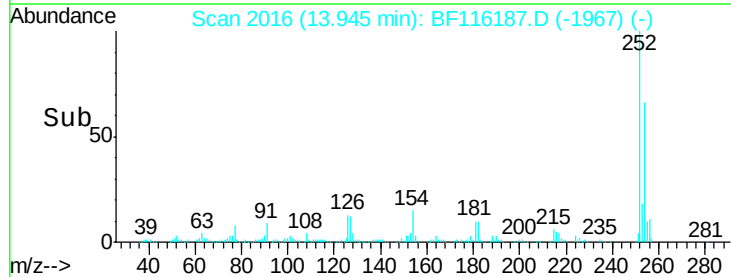
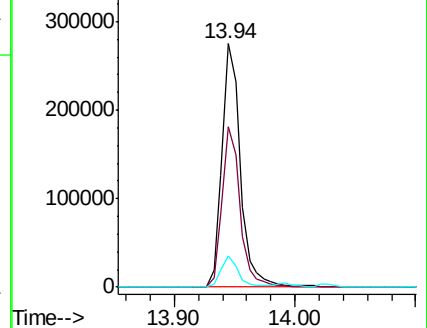
126 12.6 9.8 14.8

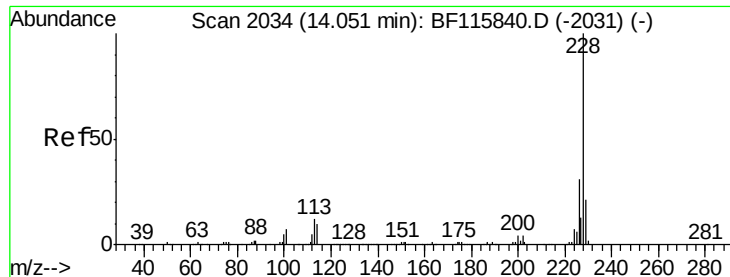


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.012 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB122156BS

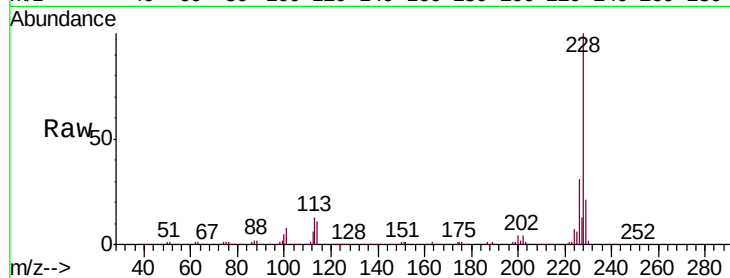
Tgt Ion:228 Resp: 944971

Ion Ratio Lower Upper

228 100

226 31.4 25.5 38.3

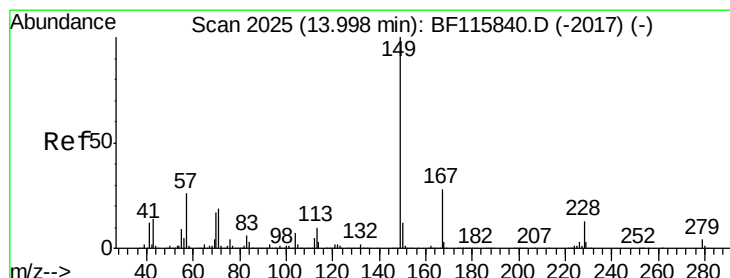
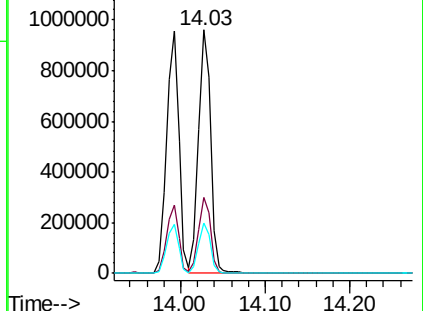
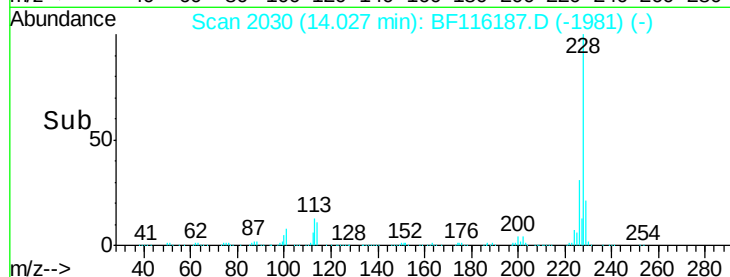
229 20.8 16.6 24.8



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: 47.632 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

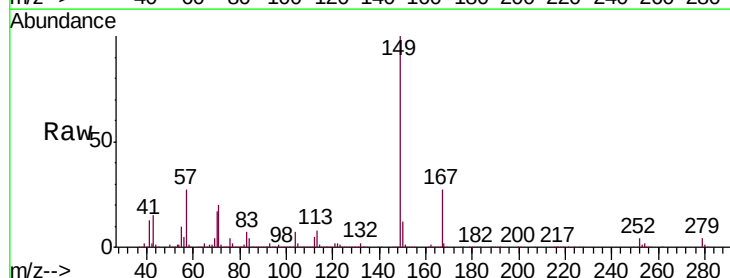
Tgt Ion:149 Resp: 732870

Ion Ratio Lower Upper

149 100

167 27.3 21.6 32.4

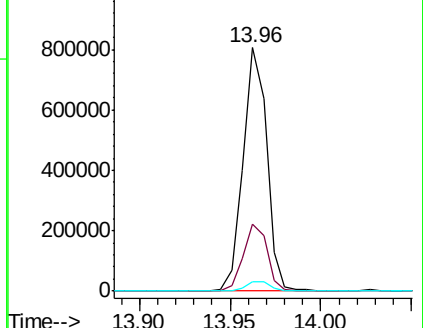
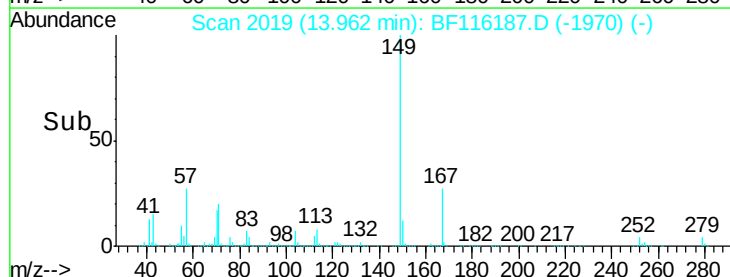
279 3.8 3.0 4.4

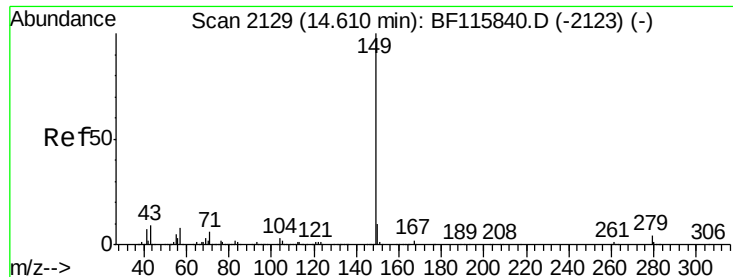


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

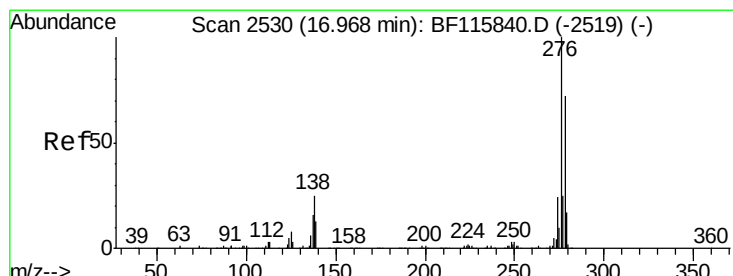
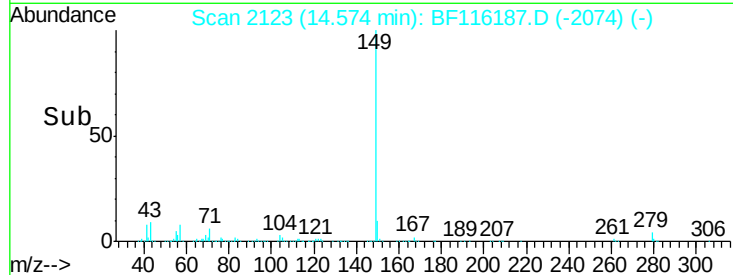
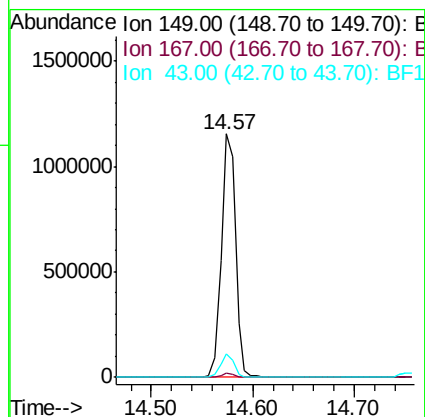
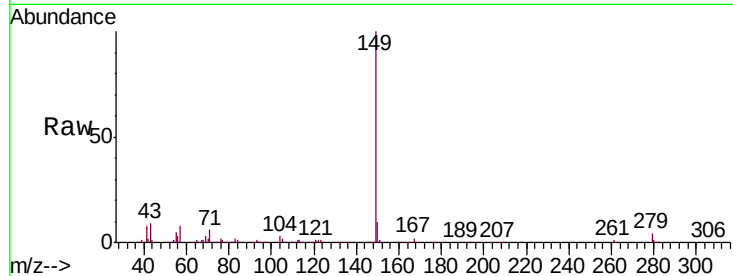




#85
Di-n-octyl phthalate
Concen: 45.884 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

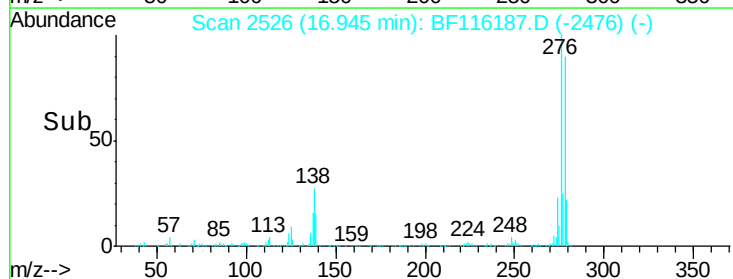
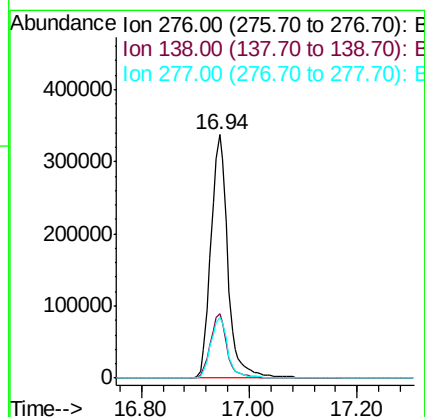
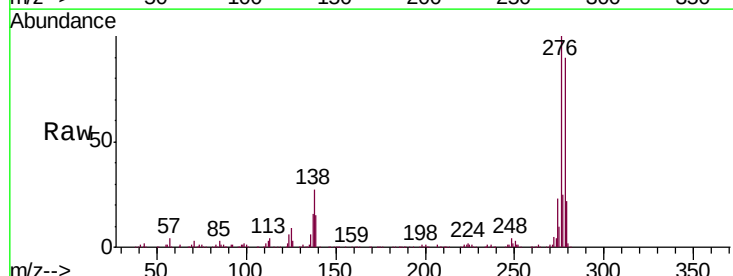
Instrument :
BNA_F
ClientSampleId :
PB122156BS

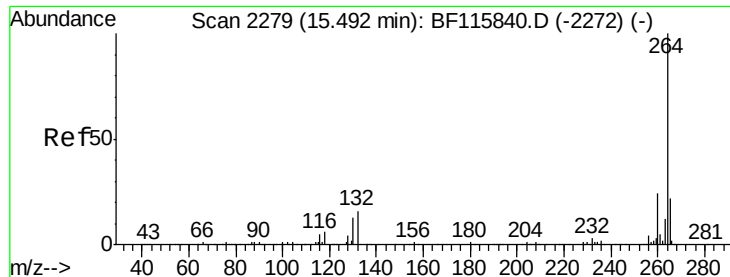
Tgt Ion:149 Resp: 1121350
Ion Ratio Lower Upper
149 100
167 1.5 1.4 2.0
43 9.0 7.5 11.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.094 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion:276 Resp: 737209
Ion Ratio Lower Upper
276 100
138 26.0 20.4 30.6
277 25.2 20.0 30.0



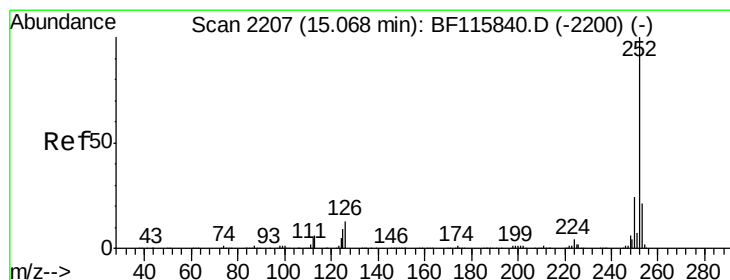
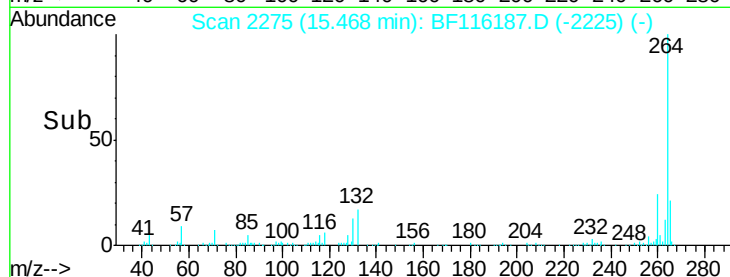
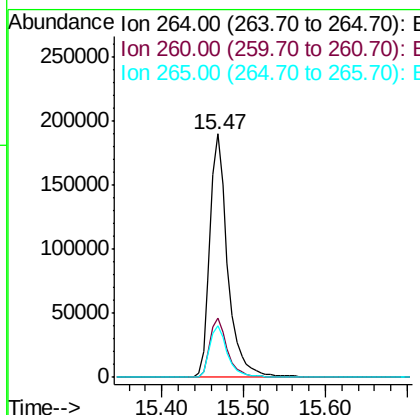
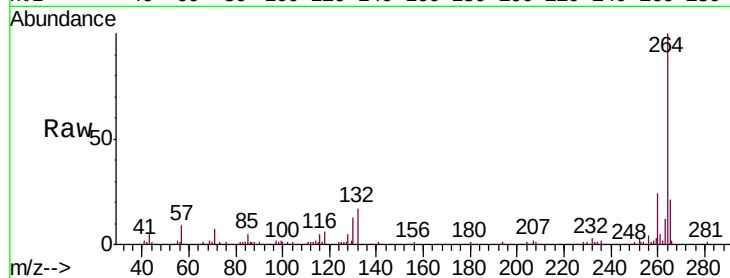


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB122156BS

Tgt Ion: 264 Resp: 288233

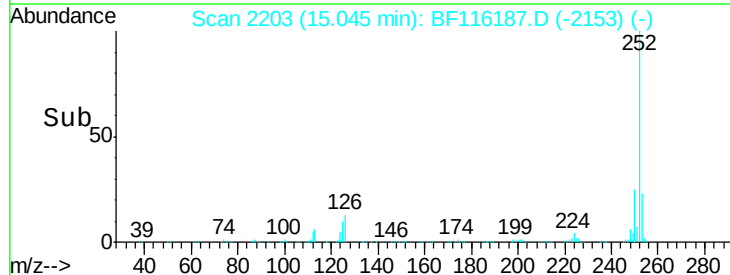
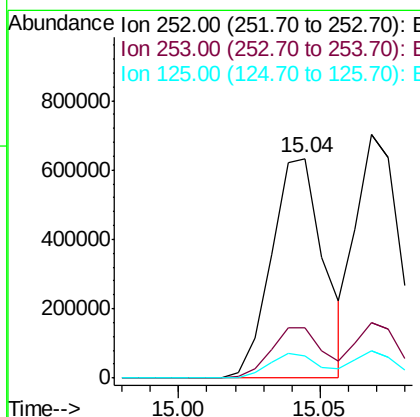
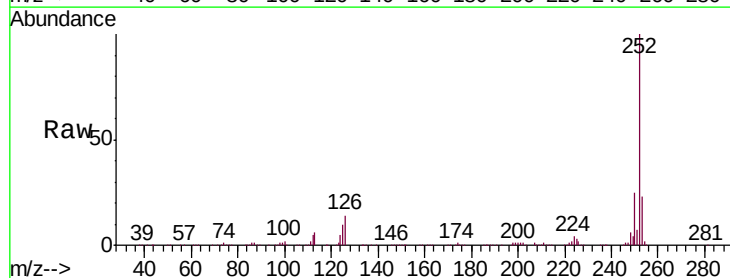
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	21.2	17.4	26.0

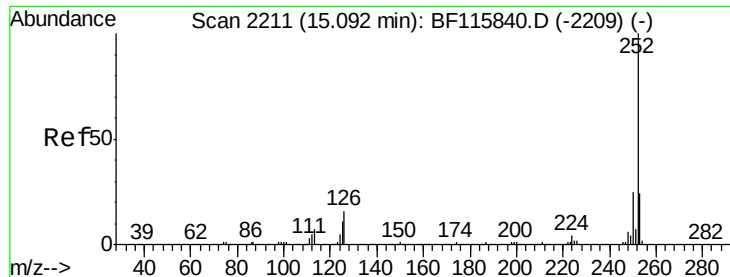


#88
Benzo(b)fluoranthene
Concen: 48.920 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF116187.D
Acq: 12 Aug 2019 13:05

Tgt Ion: 252 Resp: 815306

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	10.0	8.4	12.6





#89

Benzo(k)fluoranthene

Concen: 48.194 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB122156BS

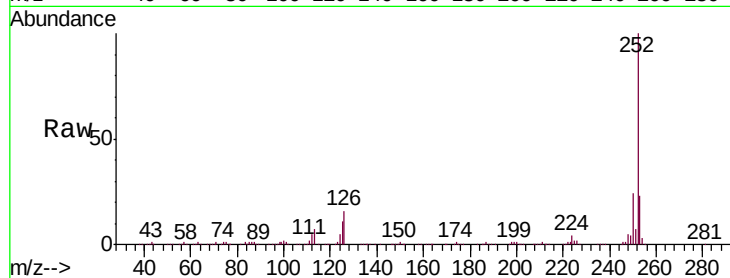
Tgt Ion:252 Resp: 782328

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

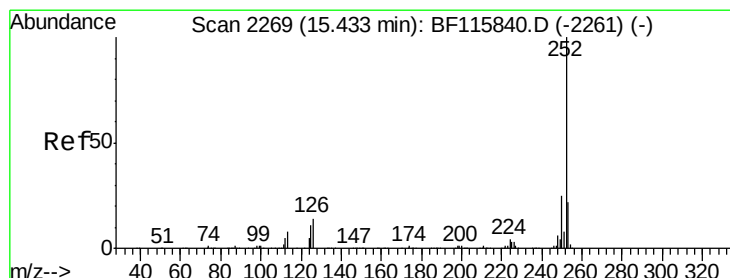
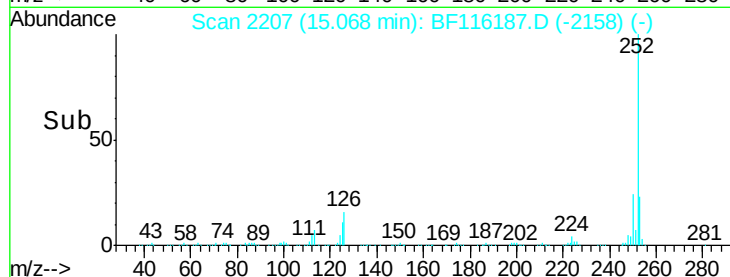
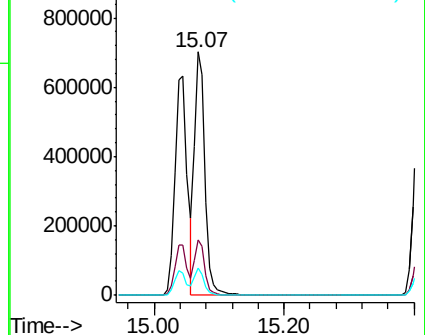
125 11.0 7.7 11.5



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



#90

Benzo(a)pyrene

Concen: 49.868 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

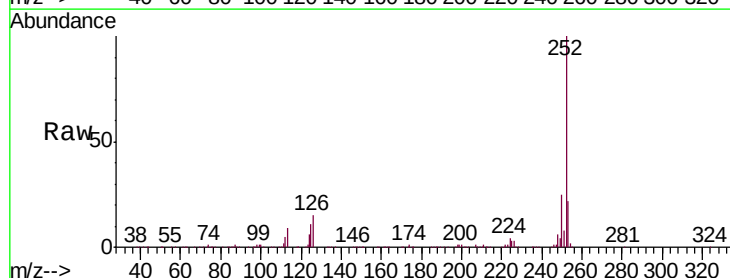
Tgt Ion:252 Resp: 742932

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

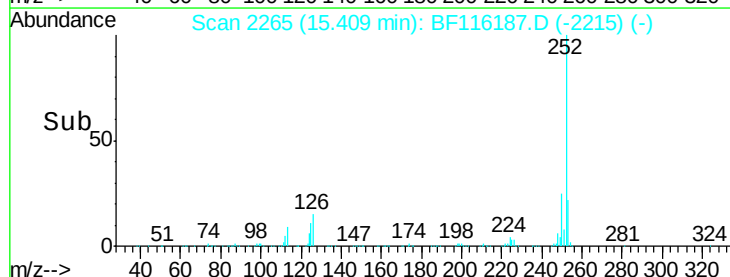
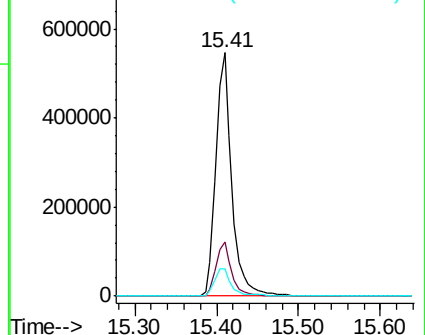
125 11.4 8.9 13.3

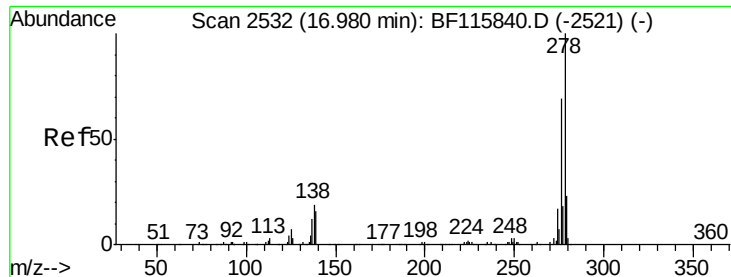


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 48.438 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB122156BS

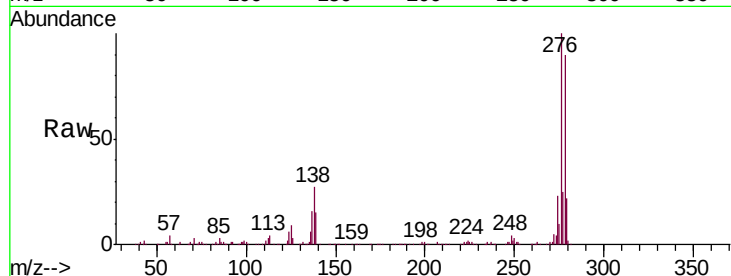
Tgt Ion: 278 Resp: 624647

Ion Ratio Lower Upper

278 100

139 16.6 12.8 19.2

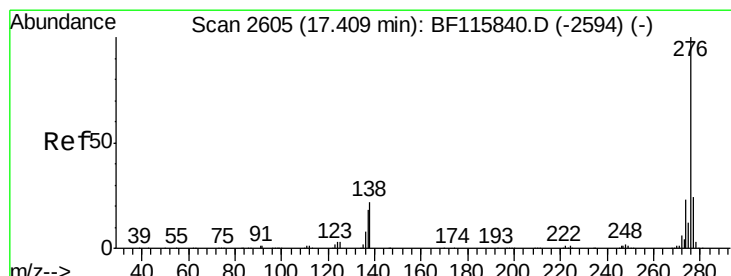
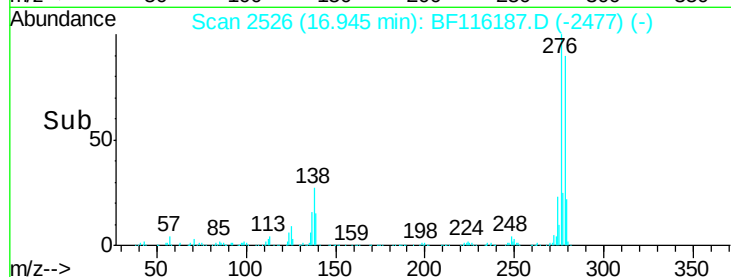
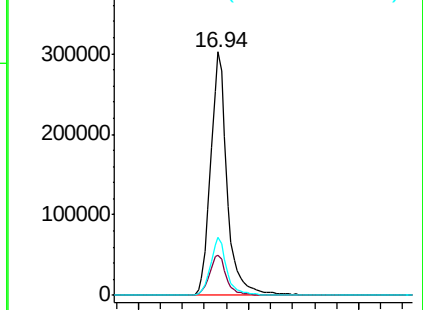
279 24.1 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.633 ng

RT: 17.39 min Scan# 2601

Delta R.T. -0.00 min

Lab File: BF116187.D

Acq: 12 Aug 2019 13:05

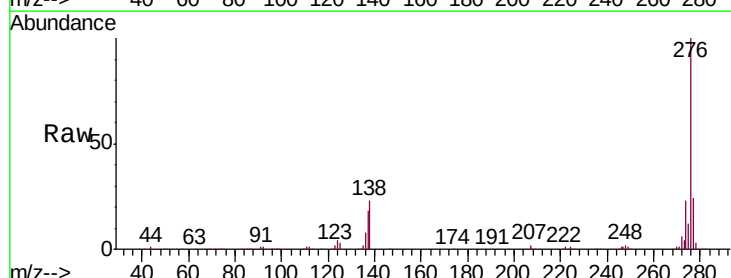
Tgt Ion: 276 Resp: 615932

Ion Ratio Lower Upper

276 100

277 24.0 18.4 27.6

138 22.7 17.0 25.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

