

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080119\
 Data File : BF115927.D
 Acq On : 2 Aug 2019 00:35
 Operator : HP/JU
 Sample : K4024-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Quant Time: Aug 02 05:03:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	59021	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	80250	20.00	ng	0.02
39) Acenaphthene-d10	9.89	164	10173	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	12246	20.00	ng	-0.04
76) Chrysene-d12	14.04	240	277771	20.00	ng	0.02
87) Perylene-d12	15.50	264	332840	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	171293	48.59	ng	0.00
7) Phenol-d6	6.48	99	156575	35.20	ng	0.00
23) Nitrobenzene-d5	7.42	82	184952	133.03	ng	0.00
42) 2,4,6-Tribromophenol	10.86	330	39048	395.90	ng	0.17
45) 2-Fluorobiphenyl	9.35	172	331032	609.50	ng	0.14
79) Terphenyl-d14	13.03	244	799946	60.68	ng	0.06

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.33	42	3949	2.011	ng	# 1
9) Benzaldehyde	6.40	77	31048	10.116	ng	# 12
15) Benzyl Alcohol	6.97	79	22805	6.756	ng	# 60
18) Hexachloroethane	7.40	117	228712	137.698	ng	# 1
19) n-Nitroso-di-n-propylamine	7.30	70	113805	41.287	ng	# 73
22) Acetophenone	7.19	105	156624	88.991	ng	# 66
24) Nitrobenzene	7.40	77	86659	57.728	ng	# 55
25) Isophorone	7.70	82	190700	71.735	ng	# 1
26) 2-Nitrophenol	7.79	139	5049	7.135	ng	# 1
27) 2,4-Dimethylphenol	7.82	122	12972	12.185	ng	# 1
28) bis(2-Chloroethoxy)methane	7.82	93	58733	35.645	ng	# 1
29) 2,4-Dichlorophenol	8.02	162	21444	19.077	ng	# 1
30) 1,2,4-Trichlorobenzene	8.08	180	20954	16.353	ng	# 75
31) Naphthalene	8.24	128	628541	166.440	ng	# 1
32) Benzoic acid	7.97	122	10047	13.386	ng	# 1
33) 4-Chloroaniline	8.23	127	177118	104.970	ng	# 1
35) Caprolactam	8.71	113	384787	1058.403	ng	# 1
36) 4-Chloro-3-methylphenol	8.71	107	9190	7.859	ng	# 25
37) 2-Methylnaphthalene	9.10	142	4696518	1888.363	ng	# 88
38) 1-Methylnaphthalene	9.10	142	4710509	2002.021	ng	# 99
43) 2,4,6-Trichlorophenol	9.11	196	3435	18.350	ng	# 13
44) 2,4,5-Trichlorophenol	9.11	196	3435	17.751	ng	# 1
46) 1,1'-Biphenyl	9.32	154	2514	3.500	ng	# 1
47) 2-Chloronaphthalene	9.17	162	13006	21.758	ng	# 1
48) 2-Nitroaniline	9.41	65	4261	21.566	ng	# 47
49) Acenaphthylene	9.68	152	837147	959.942	ng	# 1
50) Dimethylphthalate	9.52	163	13323	19.234	ng	# 1
51) 2,6-Dinitrotoluene	9.70	165	2166	14.389	ng	# 1
52) Acenaphthene	9.94	154	55829	104.351	ng	# 1
53) 3-Nitroaniline	9.87	138	9741	52.372	ng	# 28
54) 2,4-Dinitrophenol	9.97	184	1661	27.389	ng	# 1
55) Dibenzofuran	10.10	168	564149	725.089	ng	# 79
56) 4-Nitrophenol	9.93	139	42587	357.424	ng	# 1
57) 2,4-Dinitrotoluene	10.05	165	170624	851.346	ng	# 57

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 ALS Vial : 20 Sample Multiplier: 1

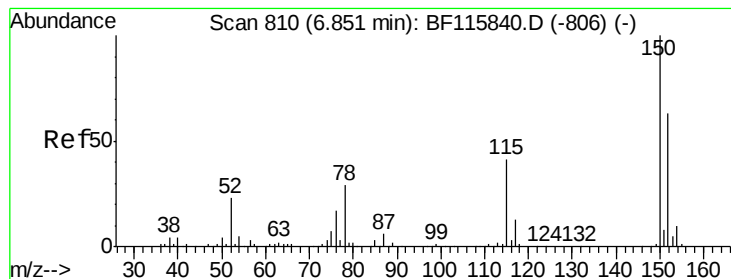
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

58) Fluorene	10.49	166	40648	67.904	ng	# 1
59) 2,3,4,6-Tetrachlorophenol	10.22	232	1114	6.843	ng	# 1
60) Diethylphthalate	10.32	149	3680	5.690	ng	# 1
61) 4-Chlorophenyl-phenylether	10.43	204	124177	409.602	ng	# 1
62) 4-Nitroaniline	10.50	138	18459	96.032	ng	91
63) Azobenzene	10.58	77	3346	5.030	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.42	198	4850	74.735	ng	# 1
66) n-Nitrosodiphenylamine	10.48	169	308947	838.181	ng	# 56
67) 4-Bromophenyl-phenylether	10.85	248	699	5.332	ng	# 1
69) Atrazine	11.03	200	25502	210.309	ng	# 1
70) Pentachlorophenol	11.17	266	15564	211.479	ng	# 42
71) Phenanthrene	11.20	178	227961	364.131	ng	# 1
72) Anthracene	11.57	178	2630496	4151.782	ng	# 85
73) Carbazole	11.58	167	214468	373.108	ng	# 23
74) Di-n-butylphthalate	11.90	149	4537	6.766	ng	# 1
75) Fluoranthene	12.70	202	192919	294.351	ng	67
78) Pyrene	12.86	202	103942	4.964	ng	# 24
81) Benzo(a)anthracene	14.03	228	50524	2.846	ng	# 18
83) Chrysene	14.07	228	98371	5.707	ng	# 52

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF115927.D

Acq: 2 Aug 2019 00:35

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TP-8

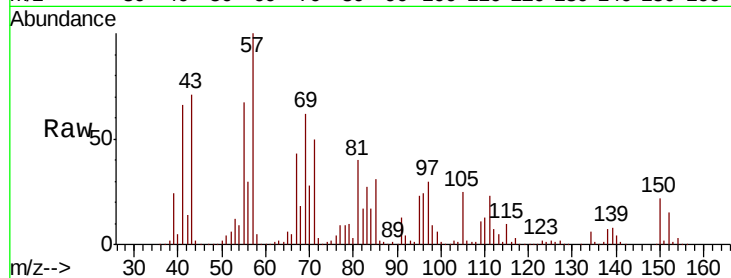
Tgt Ion:152 Resp: 59021

Ion Ratio Lower Upper

152 100

150 148.1 127.4 191.0

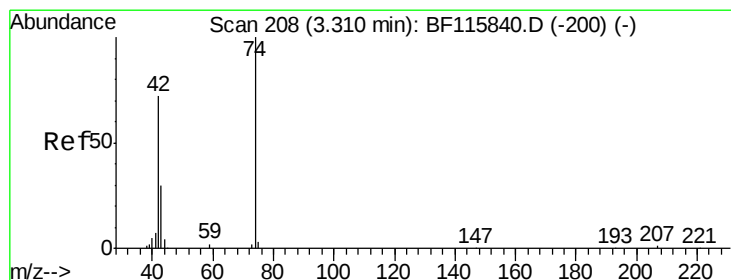
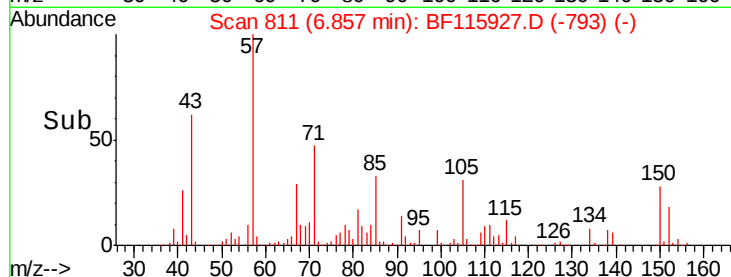
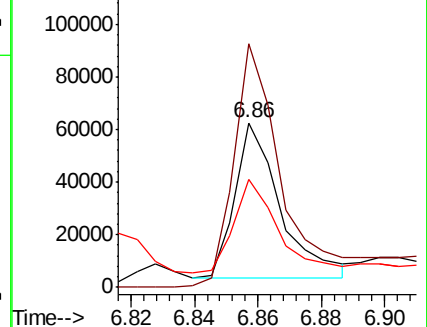
115 65.9 51.8 77.8



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



#4

n-Nitrosodimethylamine

Concen: 2.011 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.02 min

Lab File: BF115927.D

Acq: 2 Aug 2019 00:35

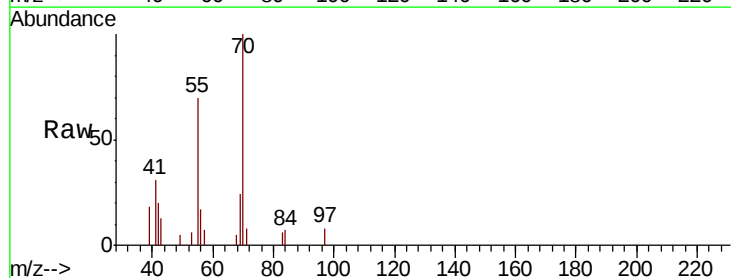
Tgt Ion: 42 Resp: 3949

Ion Ratio Lower Upper

42 100

74 0.0 111.0 166.4#

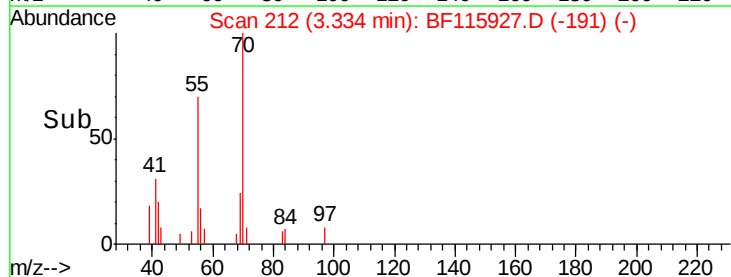
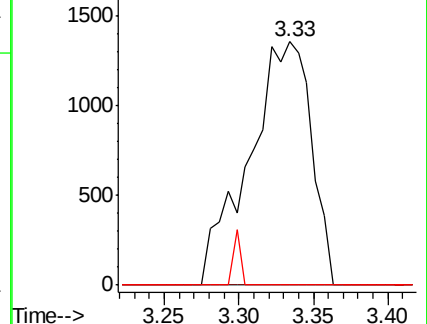
44 0.0 4.7 7.1#

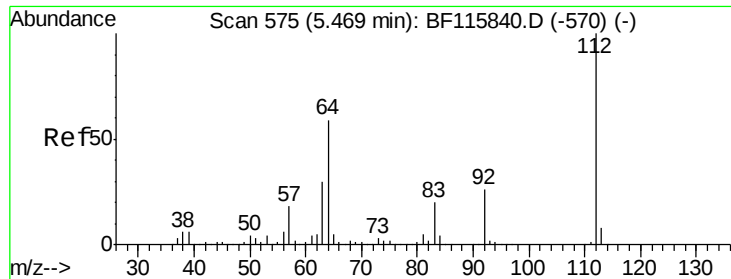


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

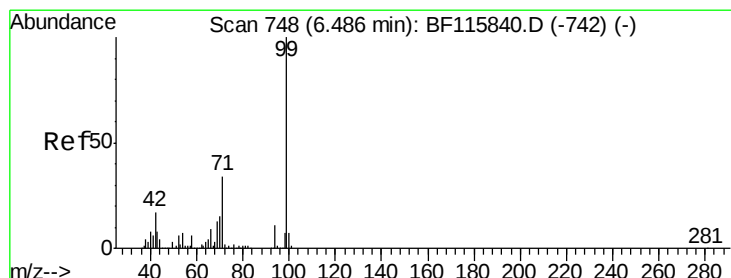
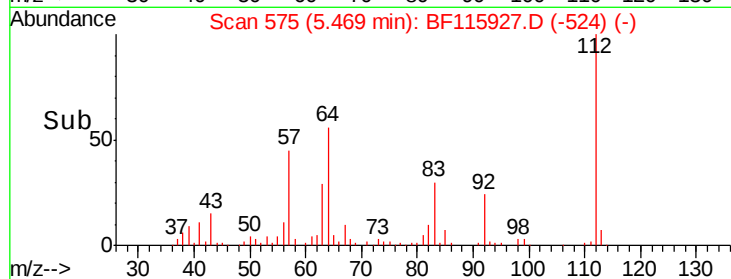
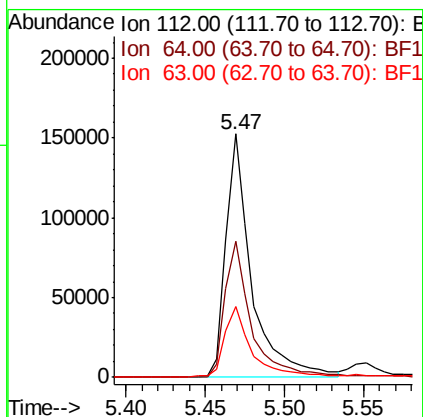
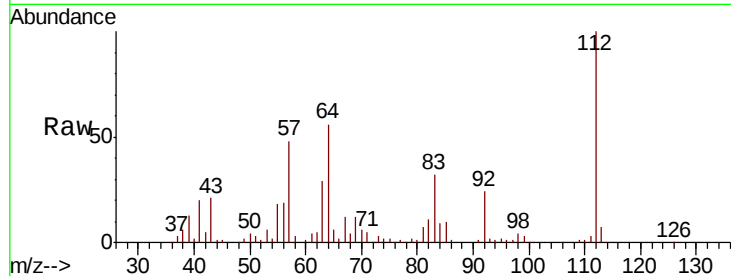




#5
 2-Fluorophenol
 Concen: 48.585 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF115927.D
 Acq: 2 Aug 2019 00:35

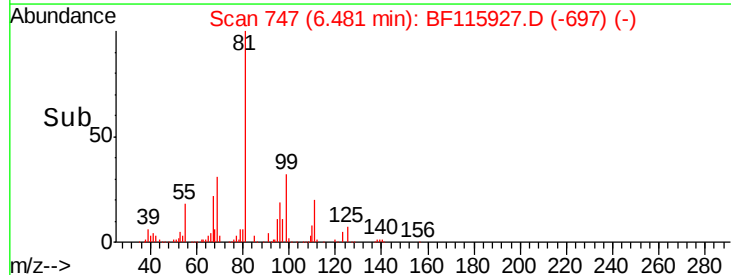
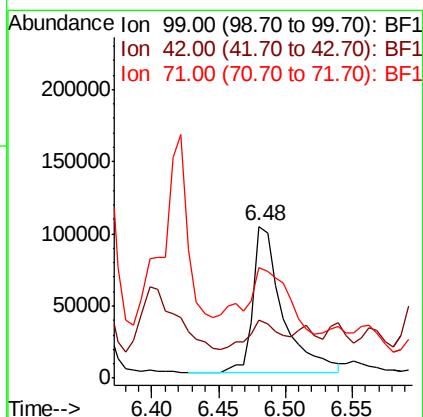
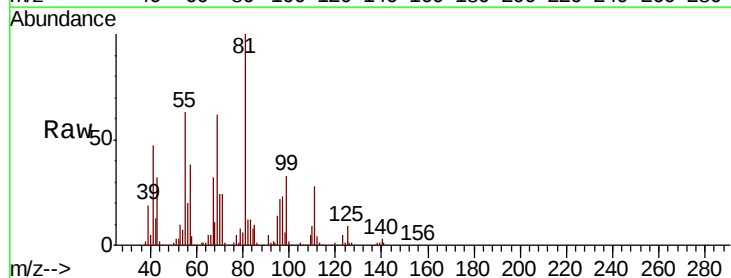
Instrument :
 BNA_F
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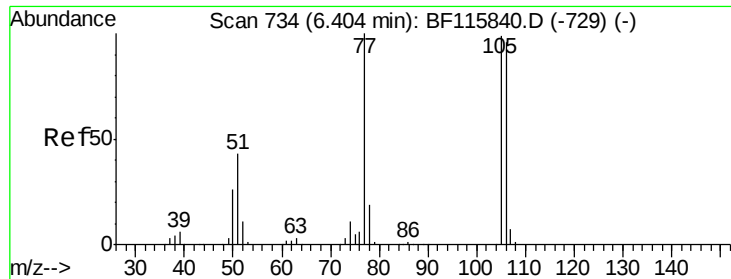
Tgt Ion: 112 Resp: 171293
 Ion Ratio Lower Upper
 112 100
 64 55.9 46.8 70.2
 63 29.2 24.2 36.2



#7
 Phenol-d6
 Concen: 35.200 ng
 RT: 6.48 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF115927.D
 Acq: 2 Aug 2019 00:35

Tgt Ion: 99 Resp: 156575
 Ion Ratio Lower Upper
 99 100
 42 37.9 13.8 20.6#
 71 73.3 27.1 40.7#





#9

Benzaldehyde

Concen: 10.116 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115927.D

Acq: 2 Aug 2019 00:35

Instrument :

BNA_F

ClientSampled :

TP-8

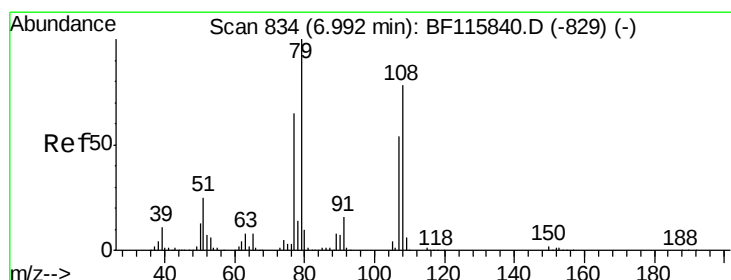
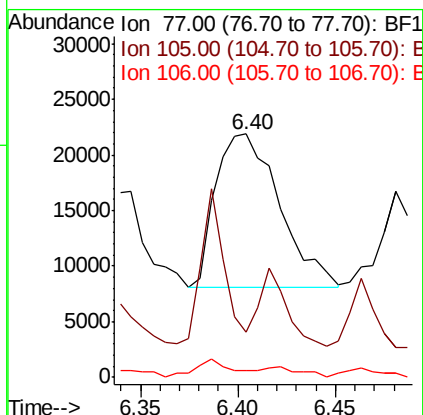
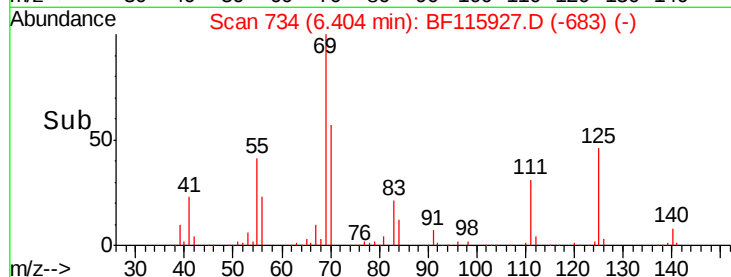
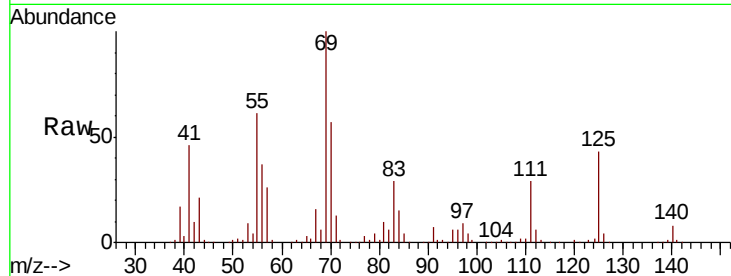
Tgt Ion: 77 Resp: 31048

Ion Ratio Lower Upper

77 100

105 18.8 79.0 119.0#

106 2.8 76.2 116.2#



#15

Benzyl Alcohol

Concen: 6.756 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.02 min

Lab File: BF115927.D

Acq: 2 Aug 2019 00:35

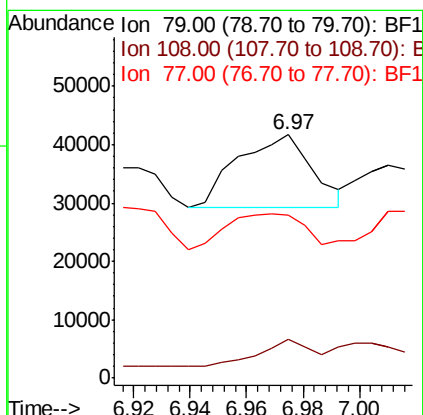
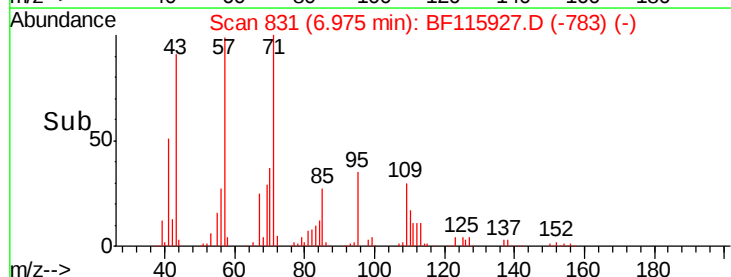
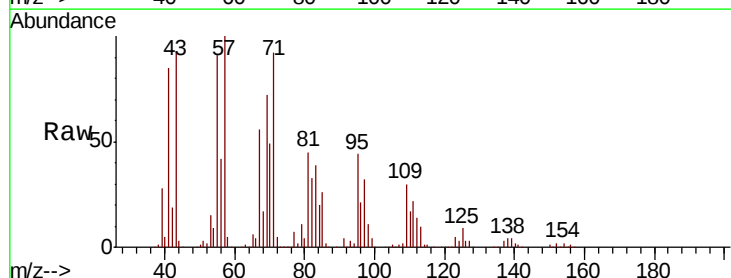
Tgt Ion: 79 Resp: 22805

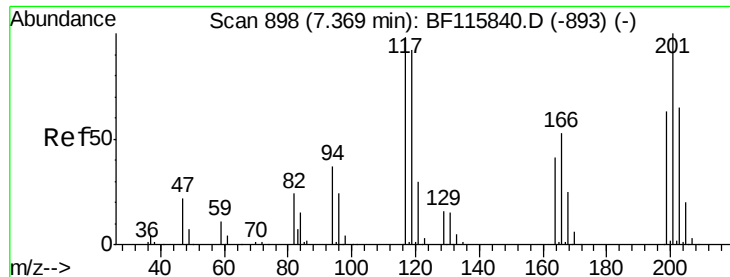
Ion Ratio Lower Upper

79 100

108 15.9 62.8 94.2#

77 66.8 52.0 78.0

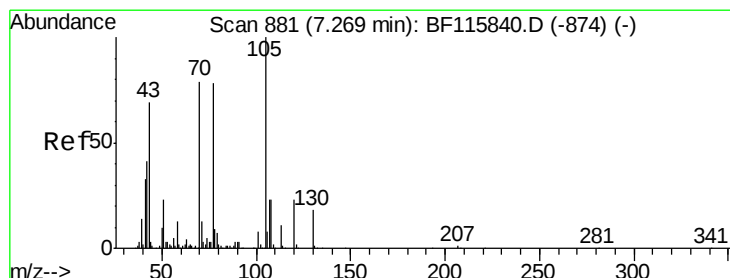
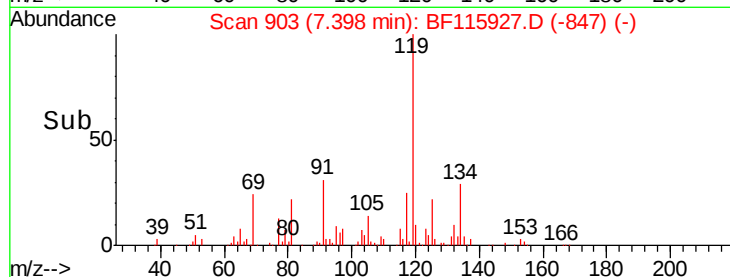
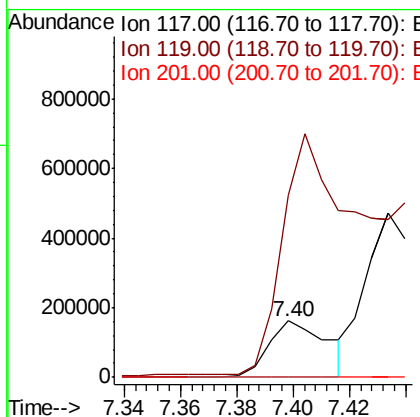
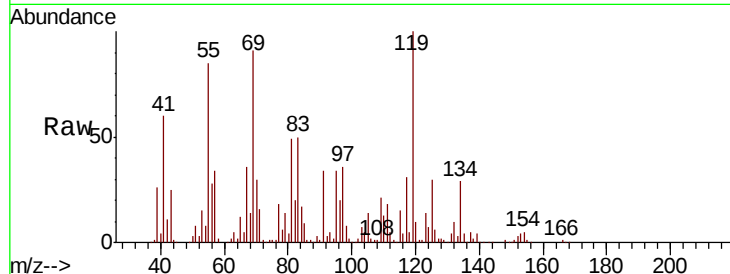




#18
Hexachloroethane
Concen: 137.698 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.03 min
Lab File: BF115927.D
Acq: 2 Aug 2019 00:35

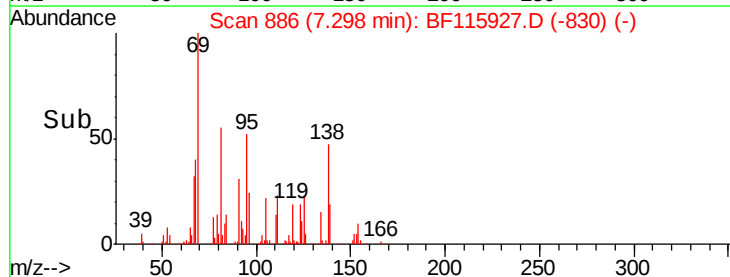
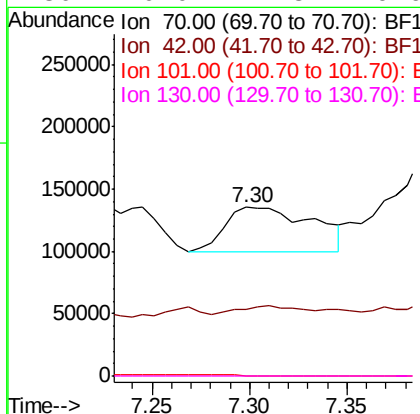
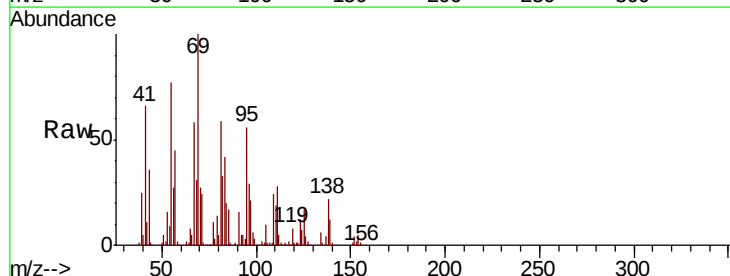
Instrument :
BNA_F
ClientSampleId :
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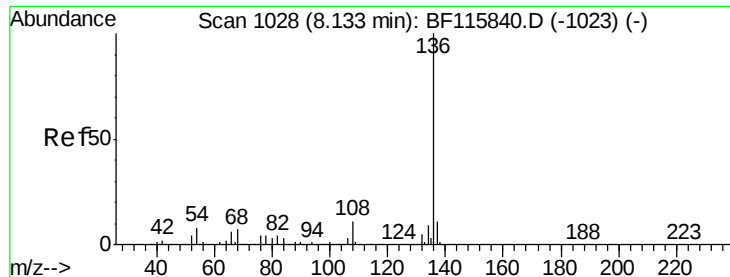
Tgt Ion:117 Resp: 228712
Ion Ratio Lower Upper
117 100
119 323.3 75.8 113.6#
201 0.0 82.0 123.0#



#19
n-Nitroso-di-n-propylamine
Concen: 41.287 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.03 min
Lab File: BF115927.D
Acq: 2 Aug 2019 00:35

Tgt Ion: 70 Resp: 113805
Ion Ratio Lower Upper
70 100
42 39.3 41.8 62.8#
101 0.3 7.7 11.5#
130 0.0 17.8 26.6#

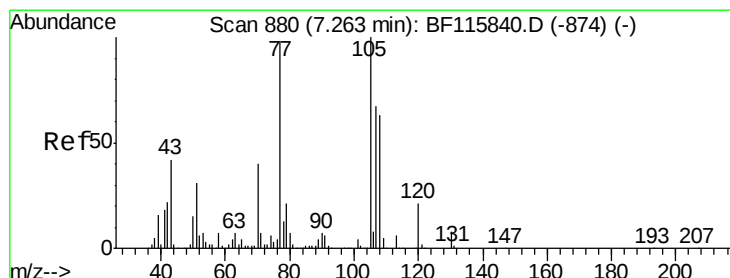
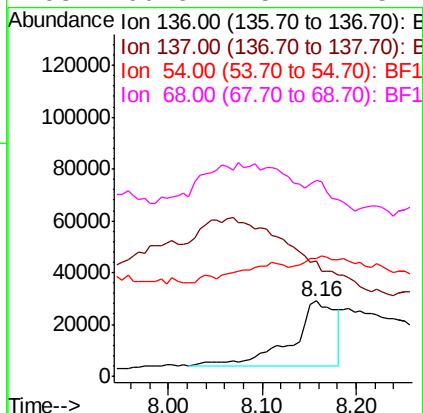
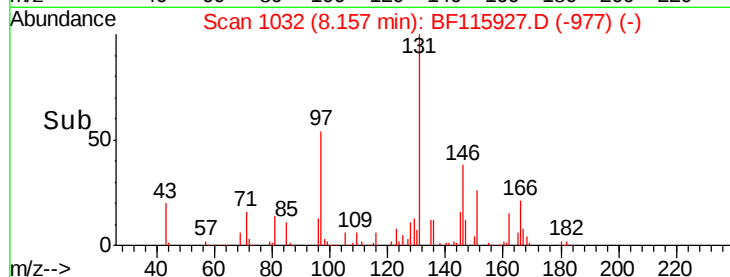
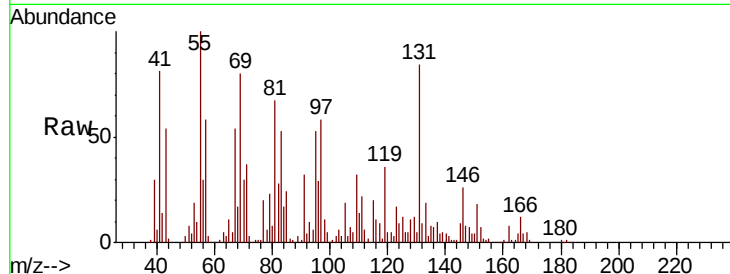




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.02 min
Lab File: BF115927.D
Acq: 2 Aug 2019 00:35

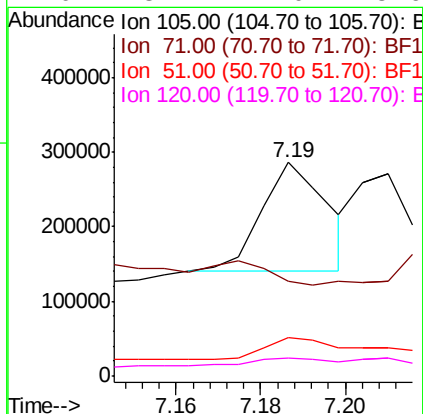
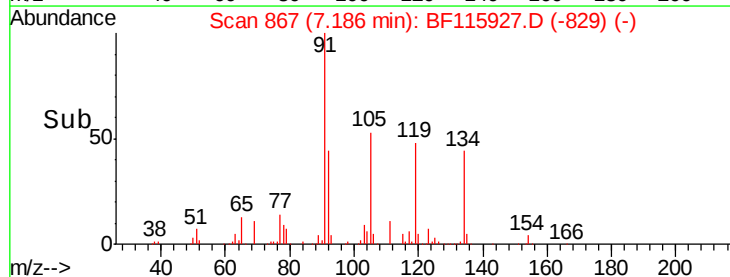
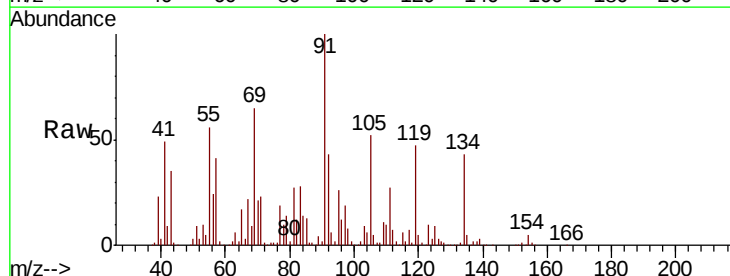
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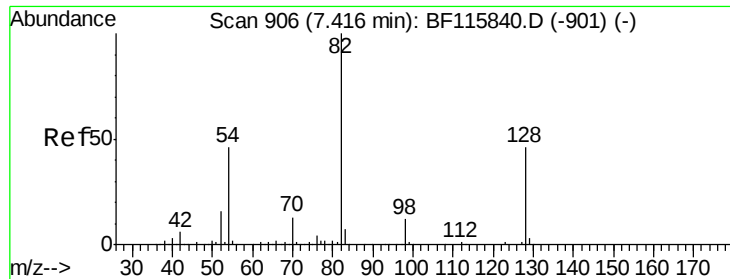
Tgt Ion:	136	Resp:	80250
Ion	Ratio	Lower	Upper
136	100		
137	153.4	9.1	13.7#
54	156.4	6.1	9.1#
68	260.6	5.4	8.2#



#22
Acetophenone
Concen: 88.991 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.08 min
Lab File: BF115927.D
Acq: 2 Aug 2019 00:35

Tgt Ion:	105	Resp:	156624
Ion	Ratio	Lower	Upper
105	100		
71	44.2	5.4	8.0#
51	17.9	24.6	36.8#
120	8.7	17.0	25.6#

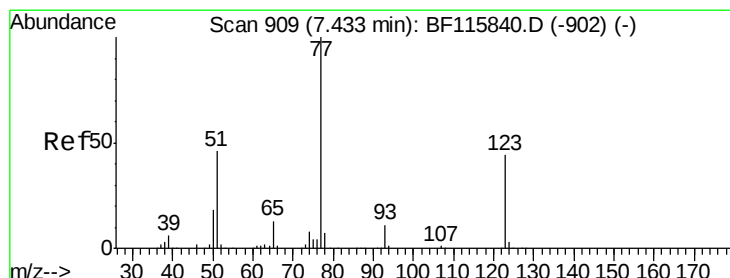
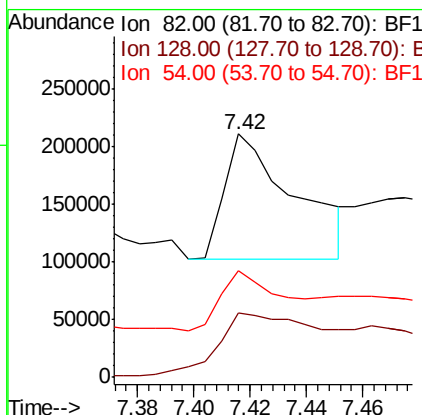
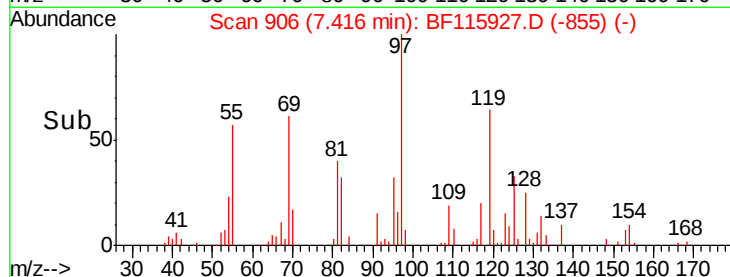
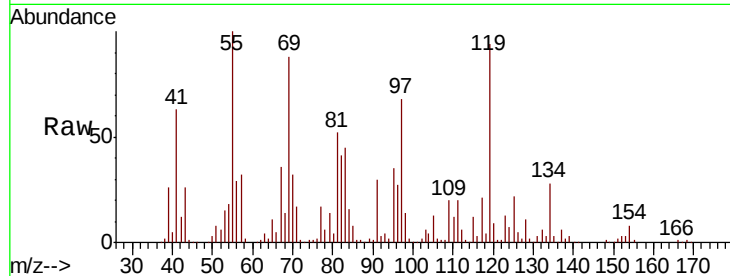




#23
Nitrobenzene-d5
Concen: 133.034 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115927.D
Acq: 2 Aug 2019 00:35

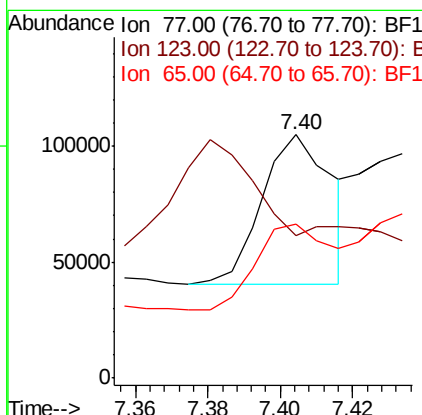
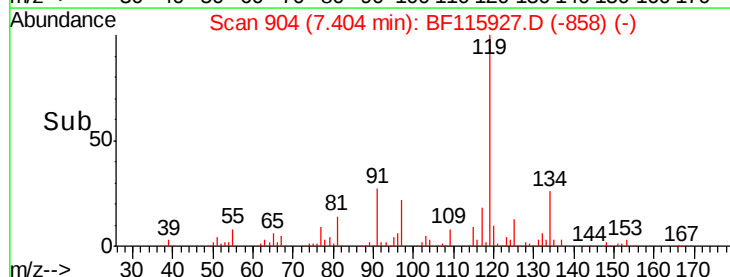
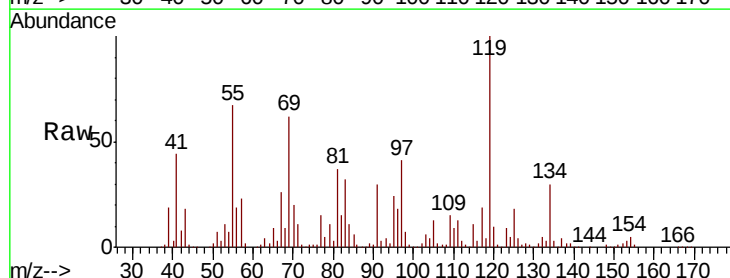
Instrument :
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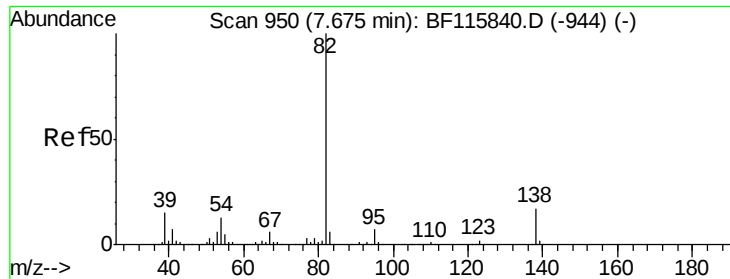
Tgt Ion: 82 Resp: 184952
Ion Ratio Lower Upper
82 100
128 26.6 36.6 55.0#
54 43.8 36.6 55.0



#24
Nitrobenzene
Concen: 57.728 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.03 min
Lab File: BF115927.D
Acq: 2 Aug 2019 00:35

Tgt Ion: 77 Resp: 86659
Ion Ratio Lower Upper
77 100
123 58.5 35.5 53.3#
65 63.0 10.6 15.8#





#25

Isophorone

Concen: 71.735 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.02 min

Lab File: BF115927.D

Acq: 2 Aug 2019 00:35

Instrument :

BNA_F

ClientSampled :

TP-8

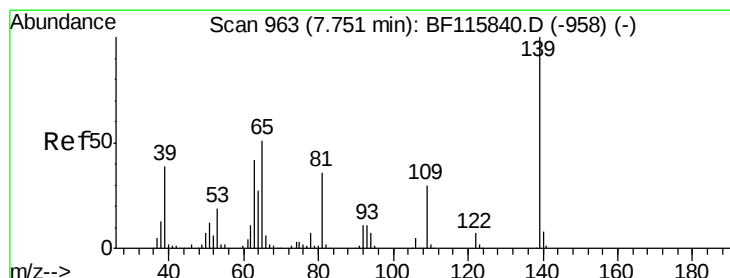
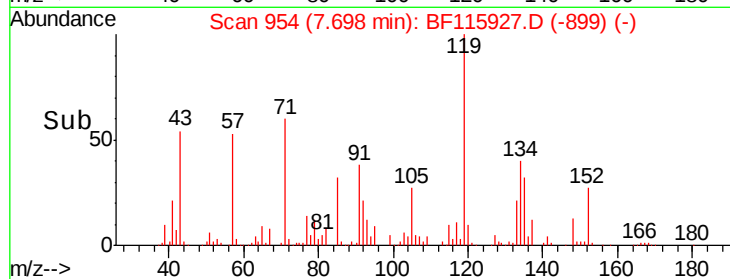
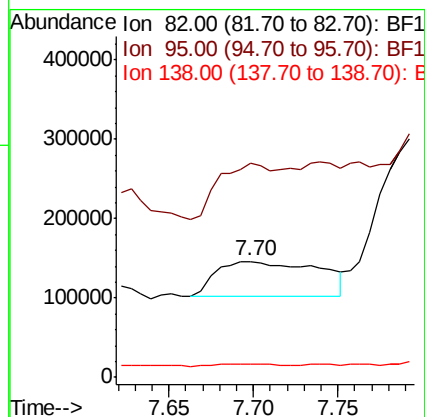
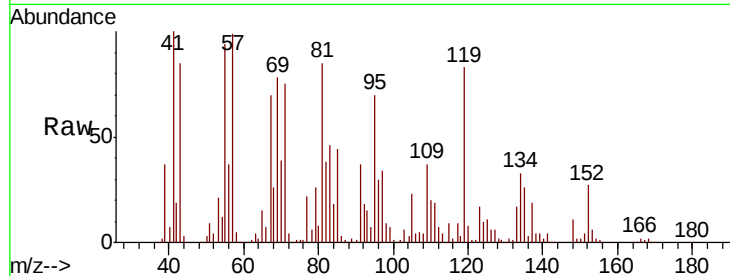
Tgt Ion: 82 Resp: 190700

Ion Ratio Lower Upper

82 100

95 184.6 5.5 8.3#

138 11.5 13.9 20.9#



#26

2-Nitrophenol

Concen: 7.135 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.04 min

Lab File: BF115927.D

Acq: 2 Aug 2019 00:35

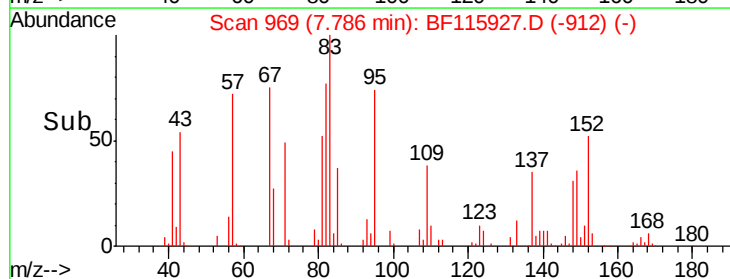
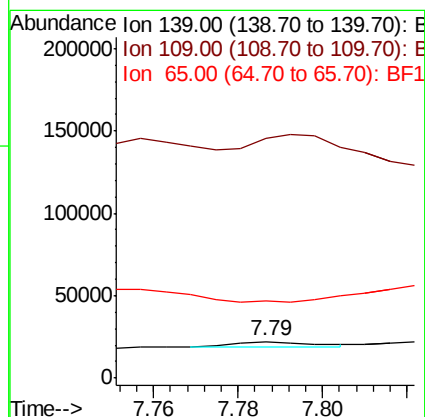
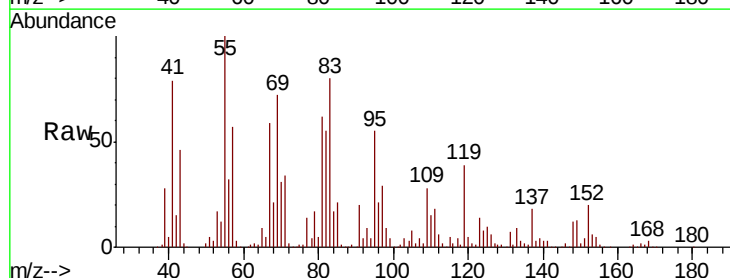
Tgt Ion: 139 Resp: 5049

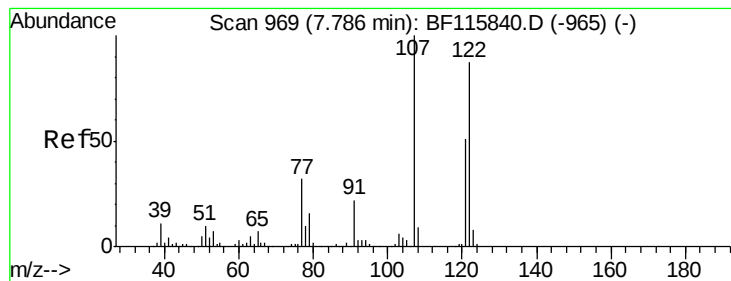
Ion Ratio Lower Upper

139 100

109 652.9 23.6 35.4#

65 209.0 40.6 60.8#





#27

2,4-Dimethylphenol

Concen: 12.185 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.03 min

Lab File: BF115927.D

Acq: 2 Aug 2019 00:35

Instrument :

BNA_F

ClientSampled :

TP-8

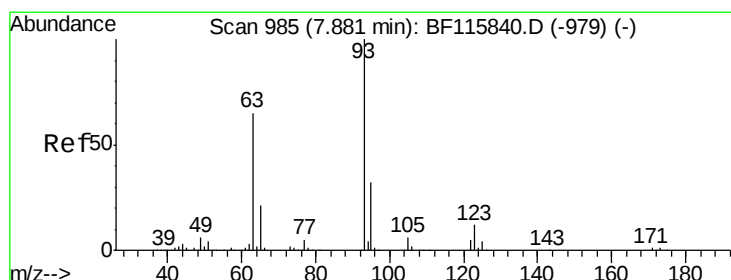
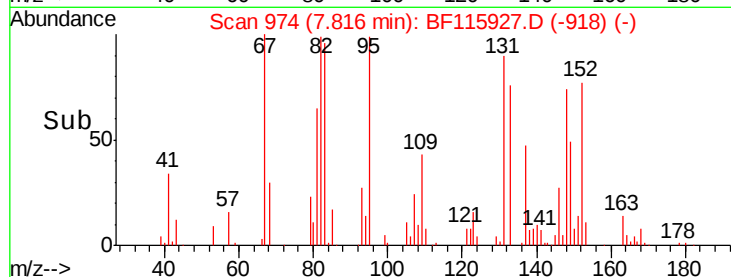
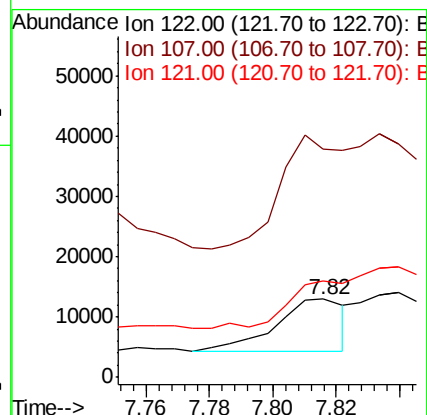
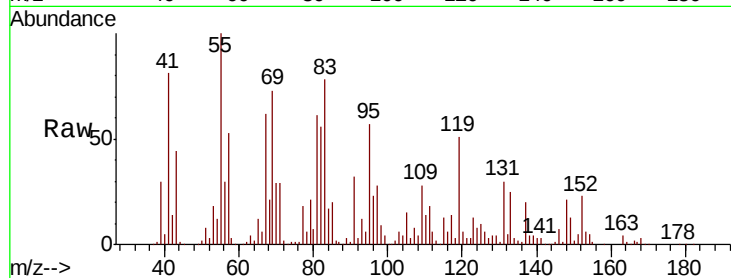
Tgt Ion: 122 Resp: 12972

Ion Ratio Lower Upper

122 100

107 293.6 91.7 137.5#

121 124.0 46.6 70.0#



#28

bis(2-Chloroethoxy)methane

Concen: 35.645 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.06 min

Lab File: BF115927.D

Acq: 2 Aug 2019 00:35

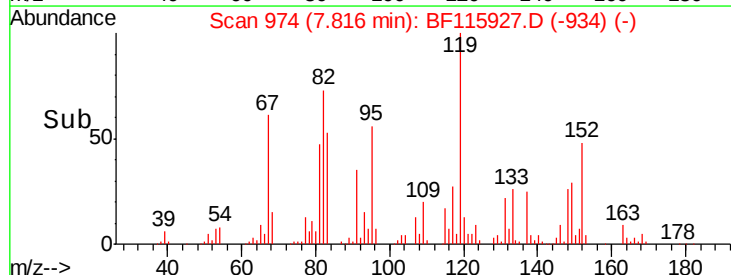
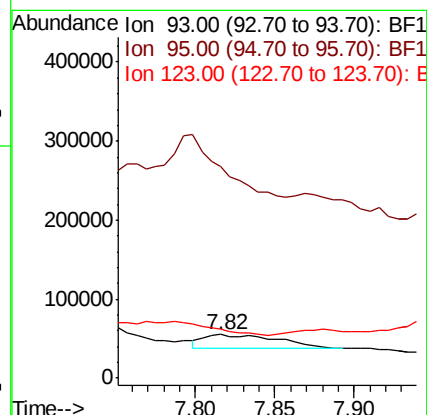
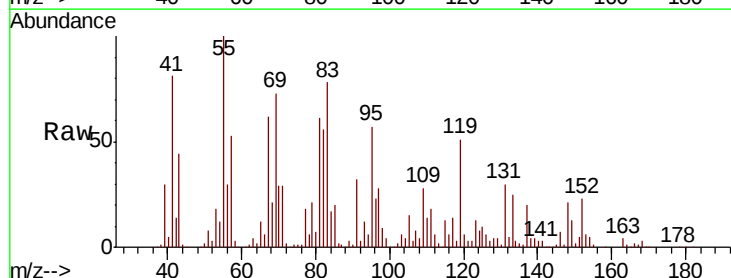
Tgt Ion: 93 Resp: 58733

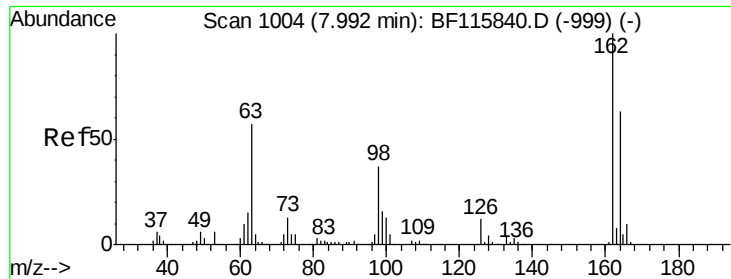
Ion Ratio Lower Upper

93 100

95 482.6 26.0 39.0#

123 113.1 9.5 14.3#

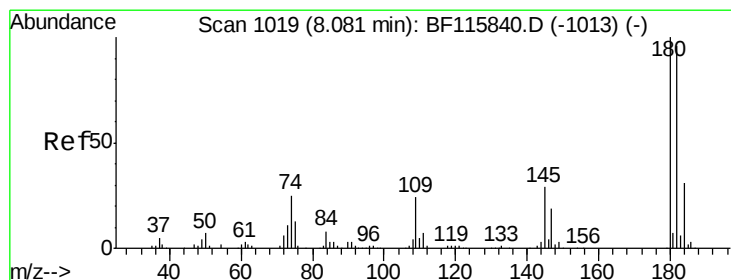
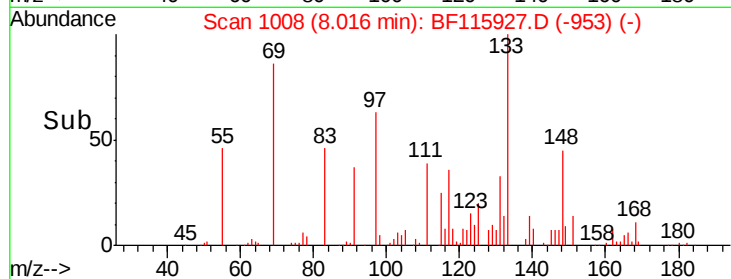
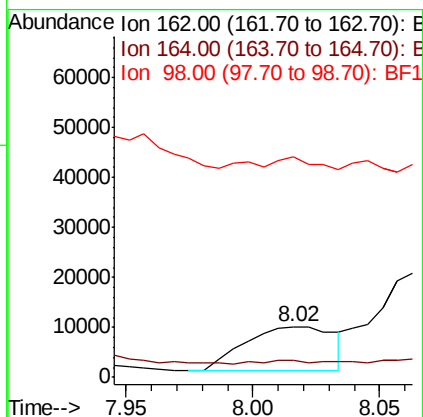
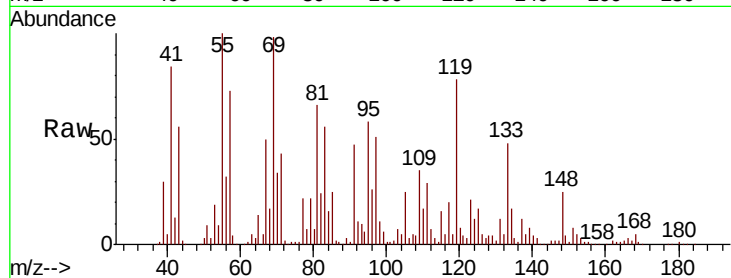




#29
2,4-Dichlorophenol
Concen: 19.077 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.02 min
Lab File: BF115927.D
Acq: 2 Aug 2019 00:35

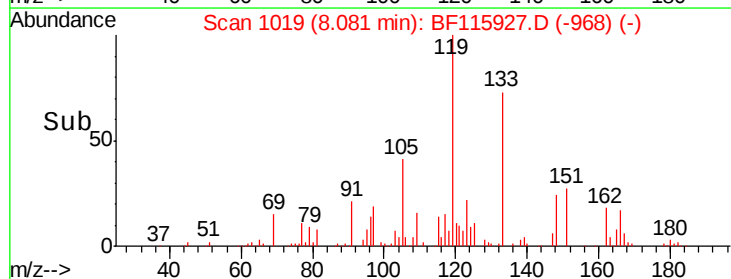
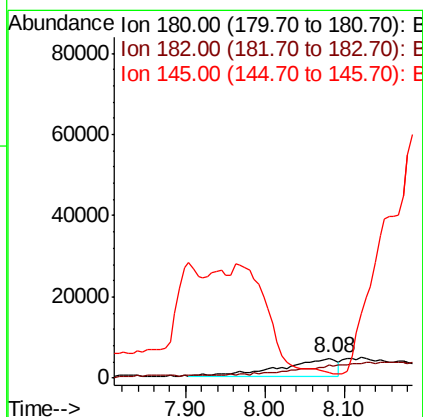
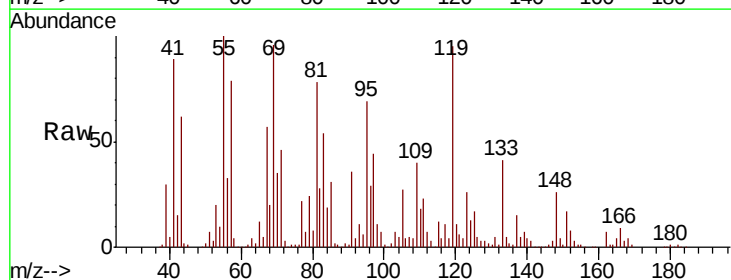
Instrument :
BNA_F
ClientSampleId :
TP-8

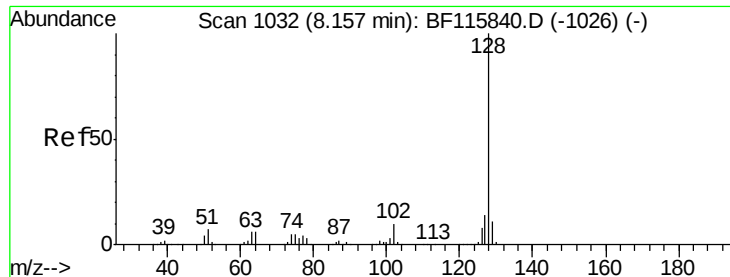
Tgt Ion:162 Resp: 21444
Ion Ratio Lower Upper
162 100
164 33.4 43.2 83.2#
98 438.7 17.3 57.3#



#30
1,2,4-Trichlorobenzene
Concen: 16.353 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF115927.D
Acq: 2 Aug 2019 00:35

Tgt Ion:180 Resp: 20954
Ion Ratio Lower Upper
180 100
182 64.9 76.6 114.8#
145 29.9 23.2 34.8

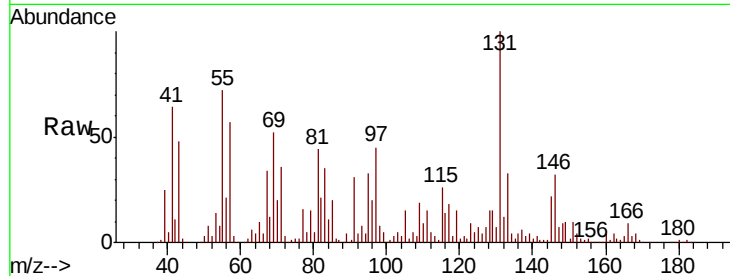




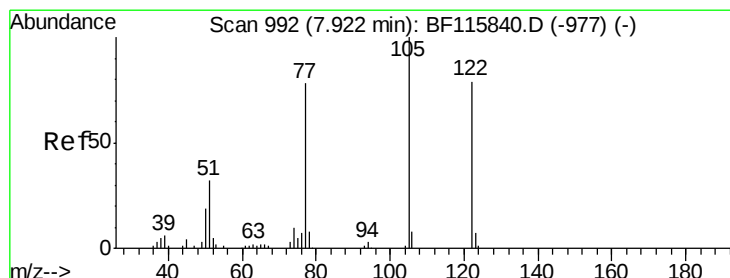
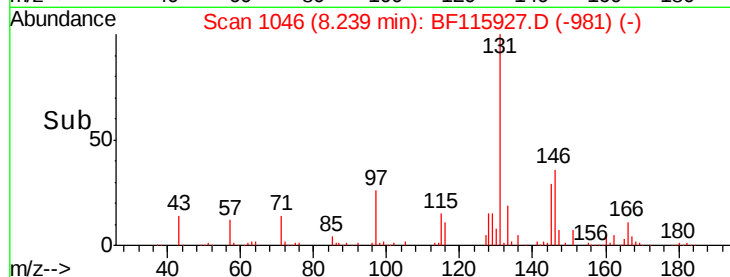
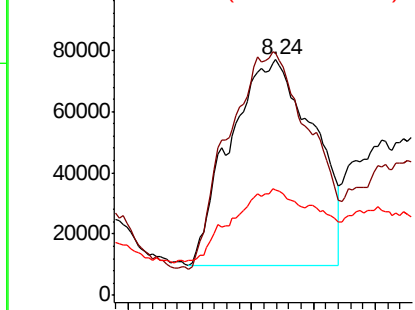
#31
Naphthalene
Concen: 166.440 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.08 min
Lab File: BF115927.D
Acq: 2 Aug 2019 00:35

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:128 Resp: 628541
Ion Ratio Lower Upper
128 100
129 102.9 9.2 13.8#
127 44.5 11.0 16.4#

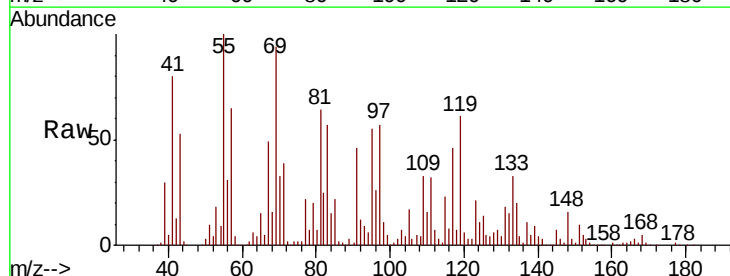


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

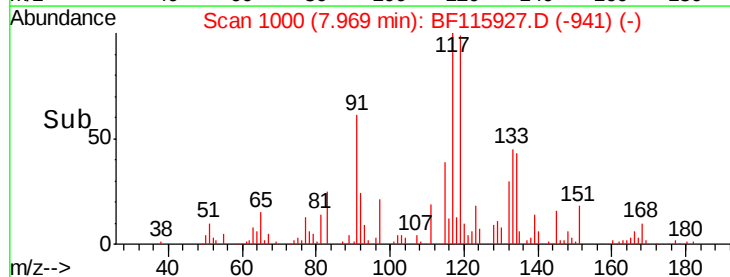
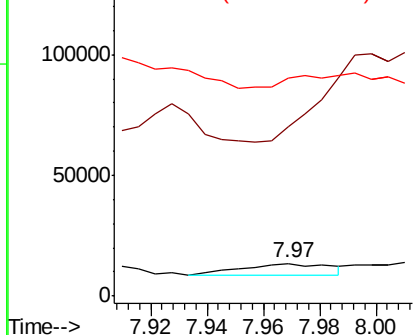


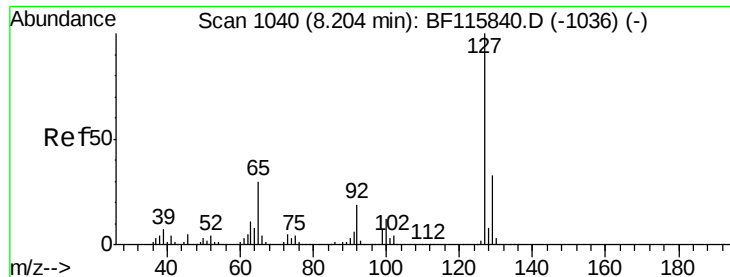
#32
Benzoic acid
Concen: 13.386 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.05 min
Lab File: BF115927.D
Acq: 2 Aug 2019 00:35

Tgt Ion:122 Resp: 10047
Ion Ratio Lower Upper
122 100
105 522.6 103.1 143.1#
77 671.5 76.8 116.8#



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

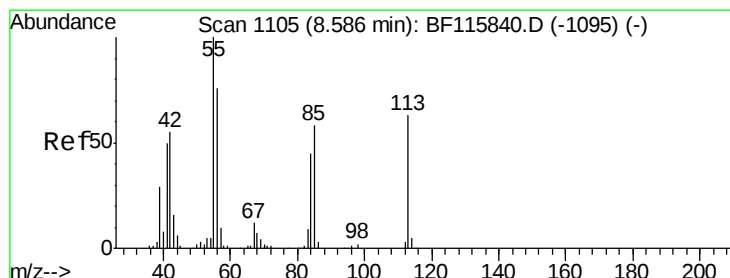
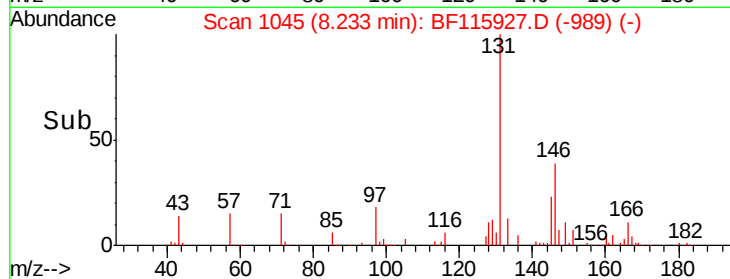
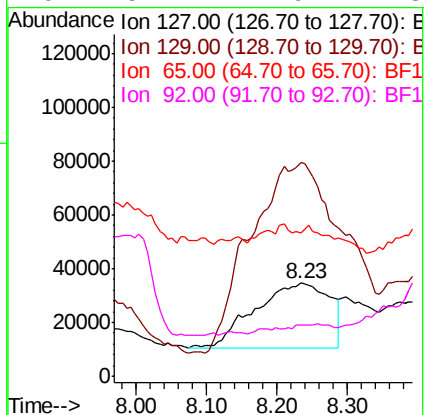
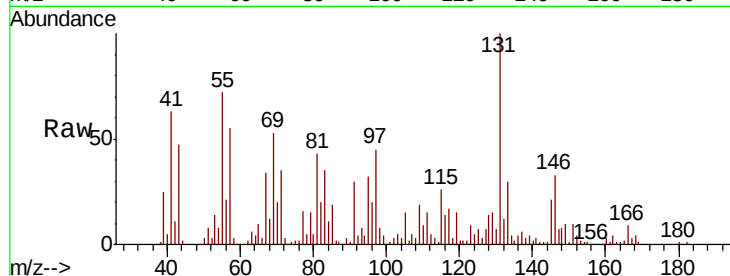




#33
 4-Chloroaniline
 Concen: 104.970 ng
 RT: 8.23 min Scan# 1045
 Delta R.T. 0.03 min
 Lab File: BF115927.D
 Acq: 2 Aug 2019 00:35

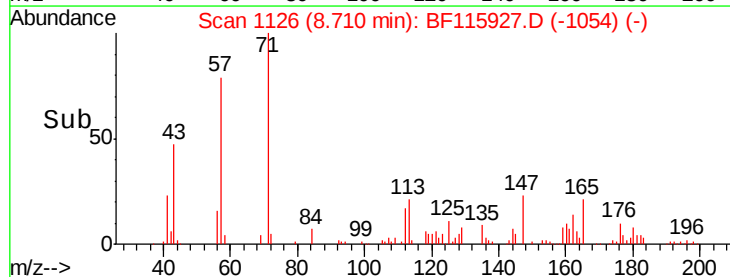
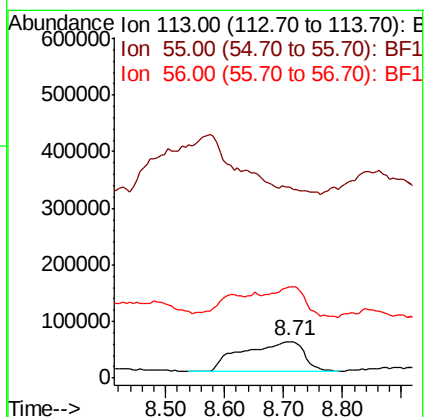
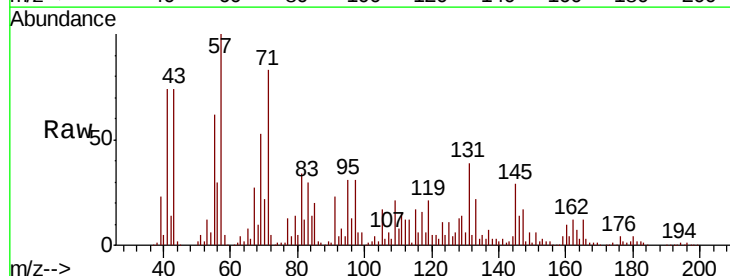
Instrument :
 BNA_F
 ClientSampleId :
 TP-8

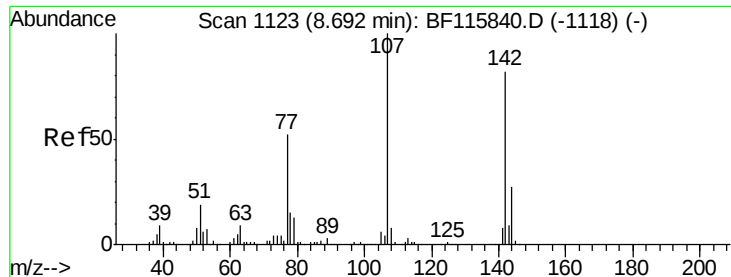
Tgt Ion:	127	Resp:	177118
Ion	Ratio	Lower	Upper
127	100		
129	229.3	26.0	39.0#
65	154.2	23.9	35.9#
92	54.4	14.9	22.3#



#35
 Caprolactam
 Concen: 1058.403 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.12 min
 Lab File: BF115927.D
 Acq: 2 Aug 2019 00:35

Tgt Ion:	113	Resp:	384787
Ion	Ratio	Lower	Upper
113	100		
55	519.3	138.1	178.1#
56	247.0	100.6	140.6#

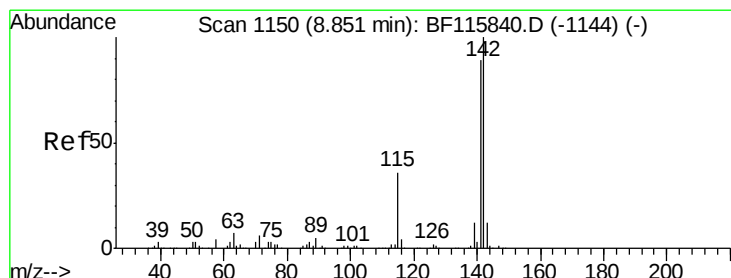
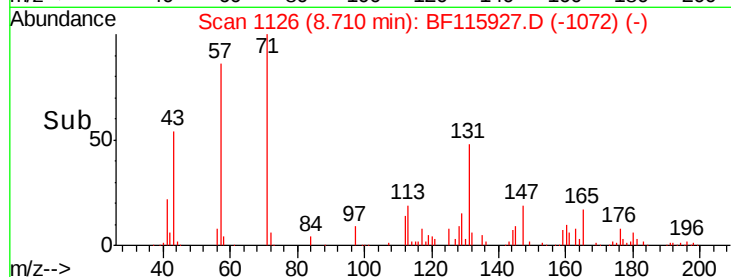
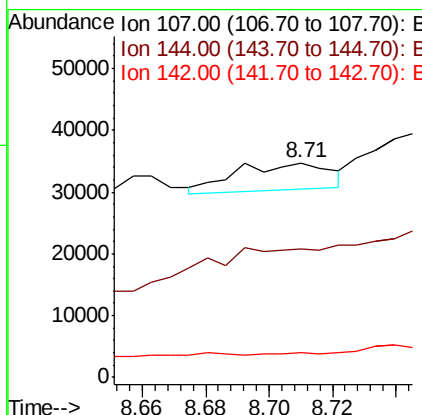
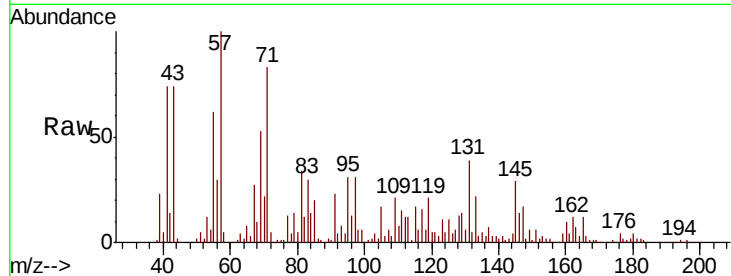




#36
 4-Chloro-3-methylphenol
 Concen: 7.859 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.02 min
 Lab File: BF115927.D
 Acq: 2 Aug 2019 00:35

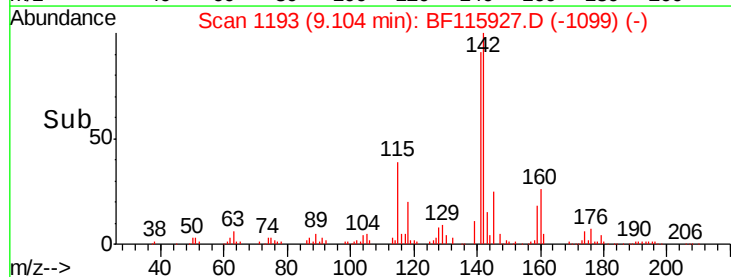
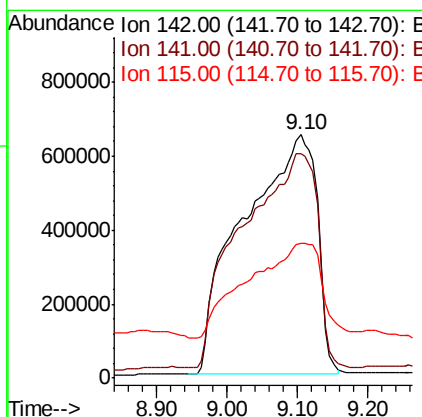
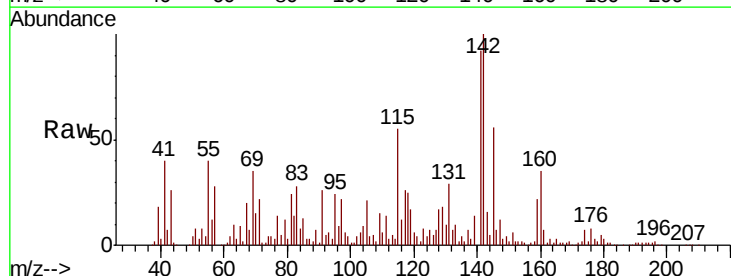
Instrument :
 BNA_F
 ClientSampleId :
 TP-8

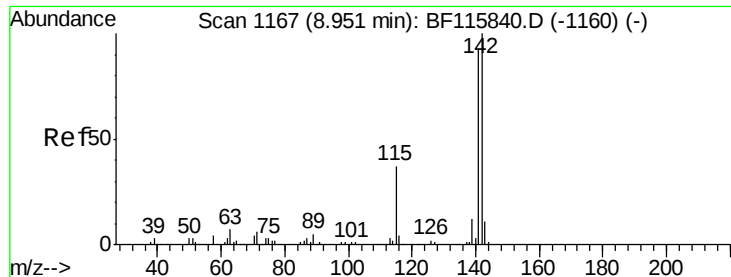
Tgt Ion:107 Resp: 9190
 Ion Ratio Lower Upper
 107 100
 144 59.7 21.4 32.0#
 142 11.3 65.5 98.3#



#37
 2-Methylnaphthalene
 Concen: 1888.363 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.25 min
 Lab File: BF115927.D
 Acq: 2 Aug 2019 00:35

Tgt Ion:142 Resp: 4696518
 Ion Ratio Lower Upper
 142 100
 141 92.4 71.4 107.2
 115 55.4 28.9 43.3#

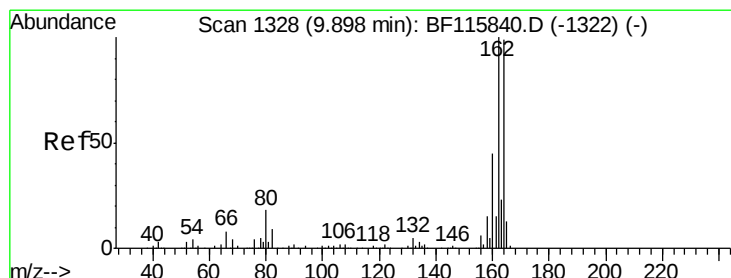
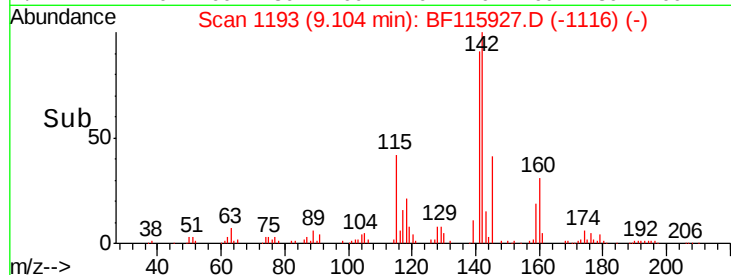
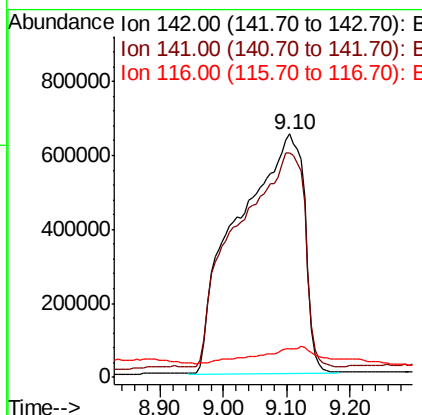
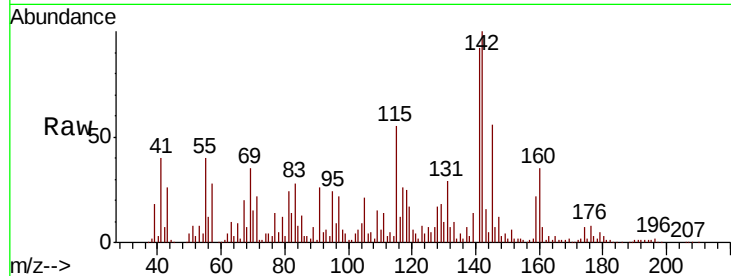




#38
 1-Methylnaphthalene
 Concen: 2002.021 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.15 min
 Lab File: BF115927.D
 Acq: 2 Aug 2019 00:35

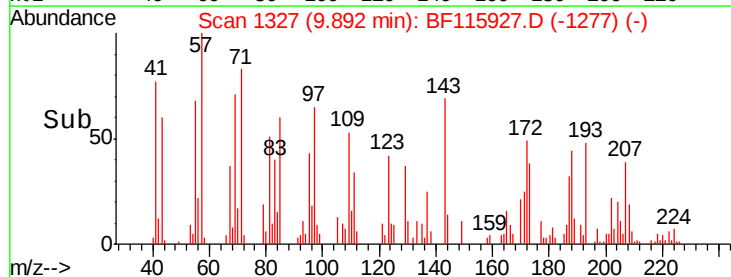
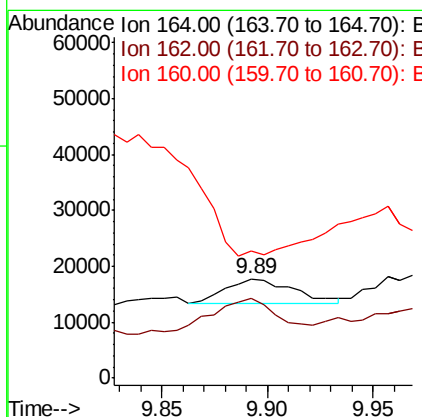
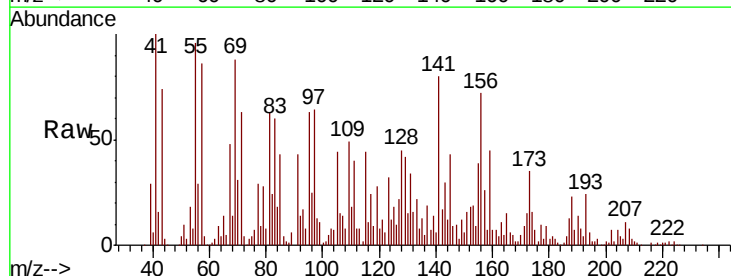
Instrument :
 BNA_F
 ClientSampleId :
 TP-8

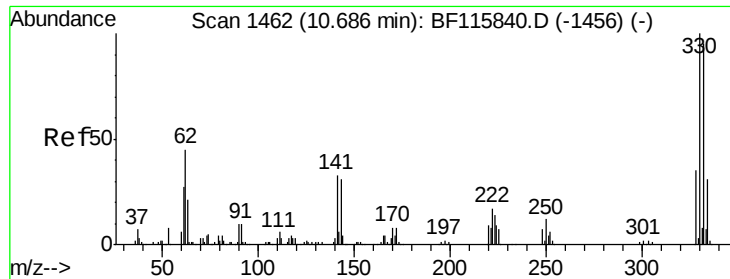
Tgt Ion:142 Resp: 4710509
 Ion Ratio Lower Upper
 142 100
 141 92.4 73.8 110.6
 116 11.7 3.1 4.7#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF115927.D
 Acq: 2 Aug 2019 00:35

Tgt Ion:164 Resp: 10173
 Ion Ratio Lower Upper
 164 100
 162 80.1 80.8 121.2#
 160 127.8 36.2 54.4#

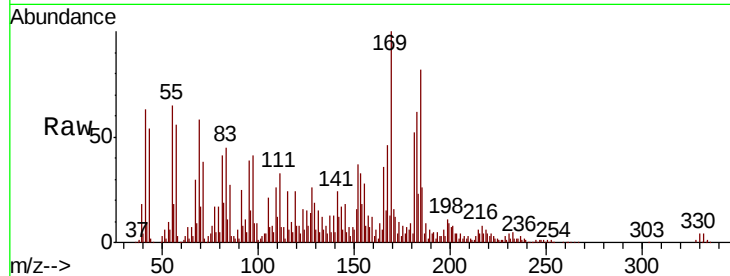




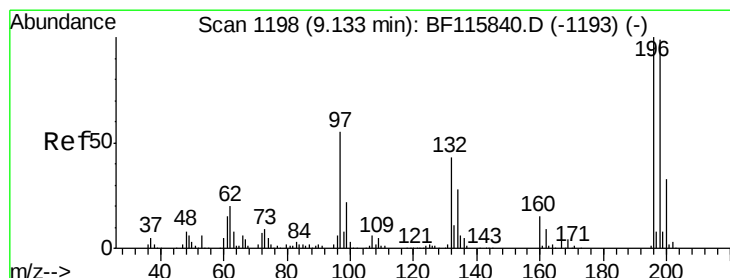
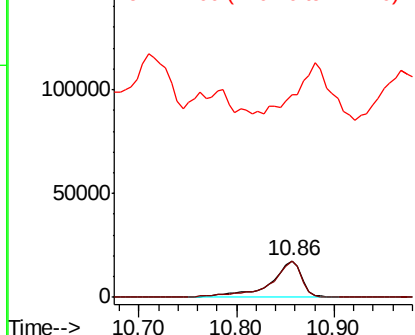
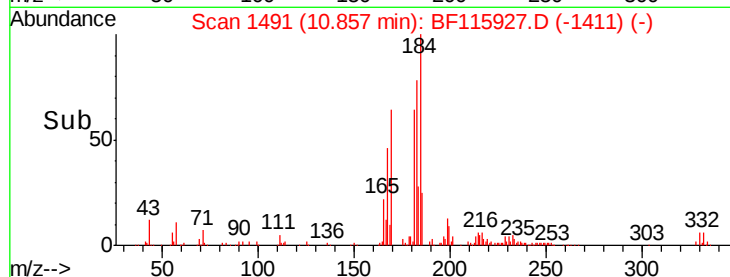
#42
 2,4,6-Tribromophenol
 Concen: 395.904 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. 0.17 min
 Lab File: BF115927.D
 Acq: 2 Aug 2019 00:35

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Tgt Ion:330 Resp: 39048
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.7 116.5
 141 0.0 28.1 42.1#

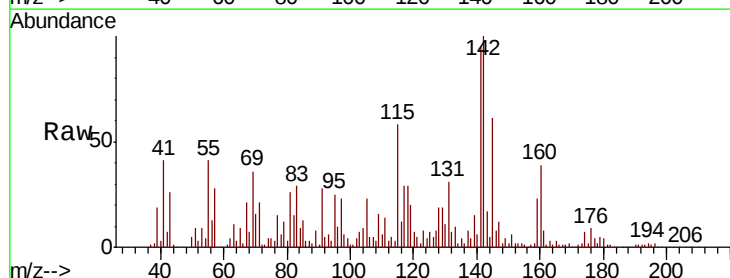


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

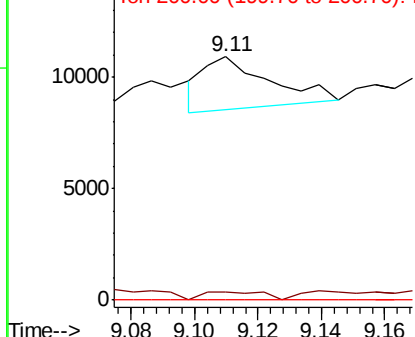
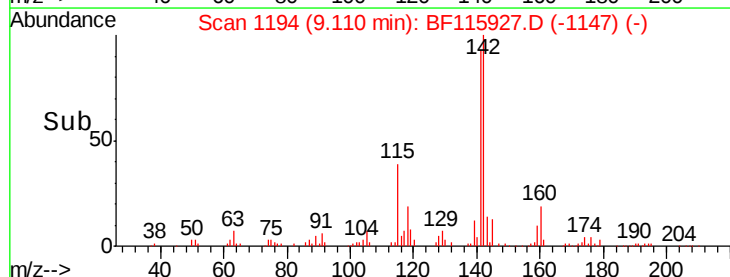


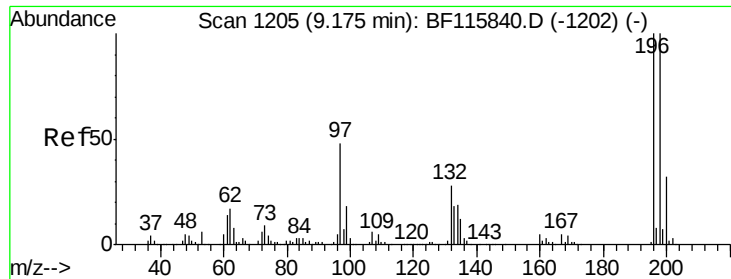
#43
 2,4,6-Trichlorophenol
 Concen: 18.350 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BF115927.D
 Acq: 2 Aug 2019 00:35

Tgt Ion:196 Resp: 3435
 Ion Ratio Lower Upper
 196 100
 198 3.3 79.1 118.7#
 200 0.0 26.0 39.0#



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#44

2,4,5-Trichlorophenol

Concen: 17.751 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.06 min

Lab File: BF115927.D

Acq: 2 Aug 2019 00:35

Instrument :

BNA_F

ClientSampleId :

TP-8

Tgt Ion:196 Resp: 3435

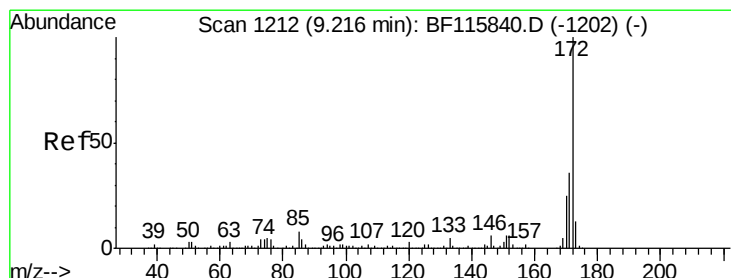
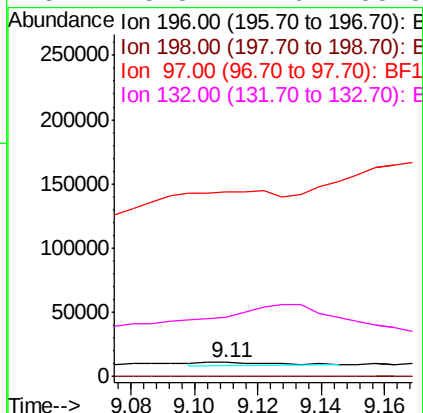
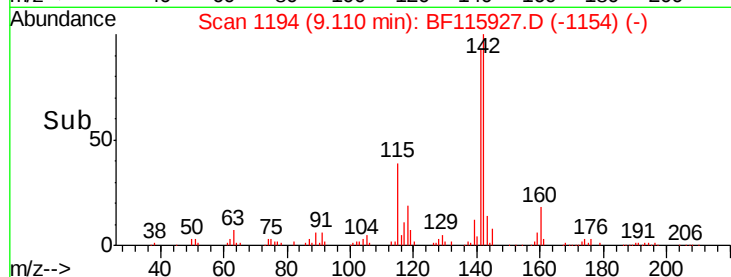
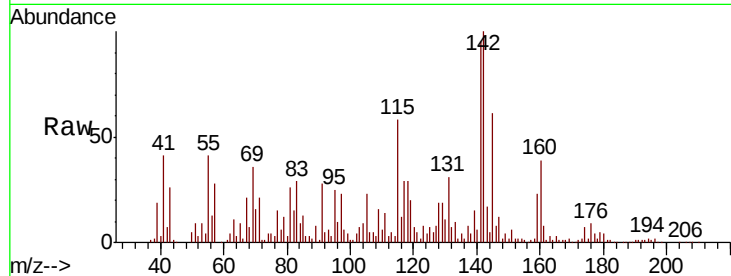
Ion Ratio Lower Upper

196 100

198 3.3 80.1 120.1#

97 1318.8 38.9 58.3#

132 423.8 22.6 33.8#



#45

2-Fluorobiphenyl

Concen: 609.503 ng

RT: 9.35 min Scan# 1235

Delta R.T. 0.14 min

Lab File: BF115927.D

Acq: 2 Aug 2019 00:35

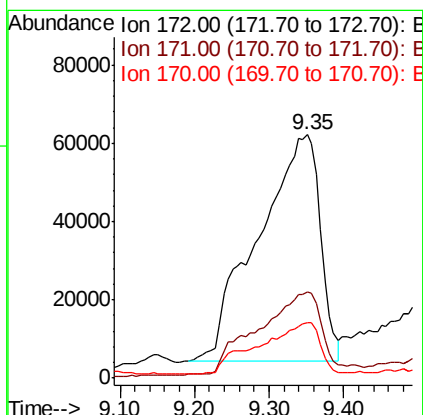
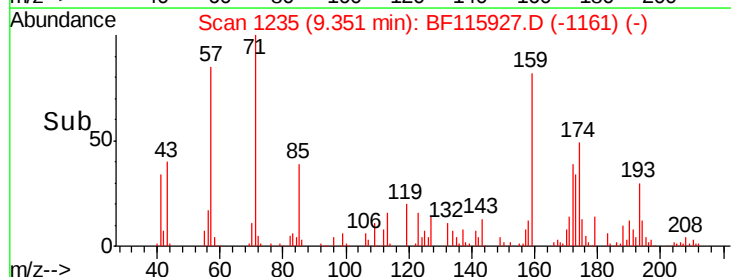
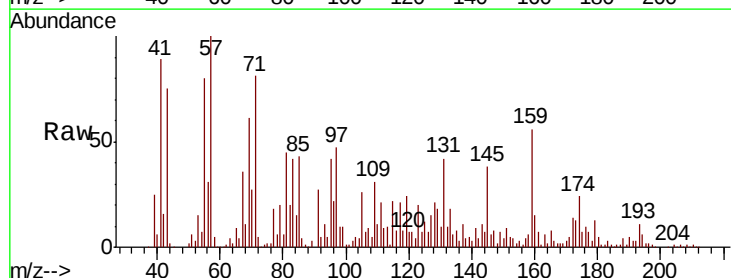
Tgt Ion:172 Resp: 331032

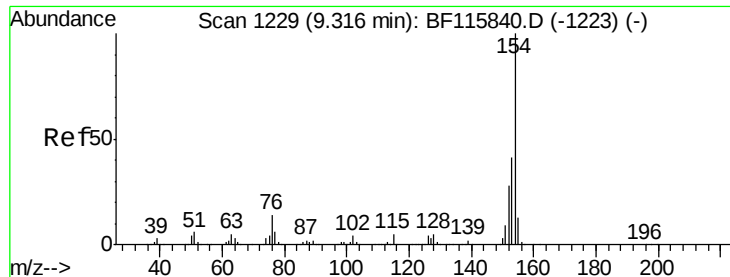
Ion Ratio Lower Upper

172 100

171 35.4 29.1 43.7

170 22.5 20.1 30.1

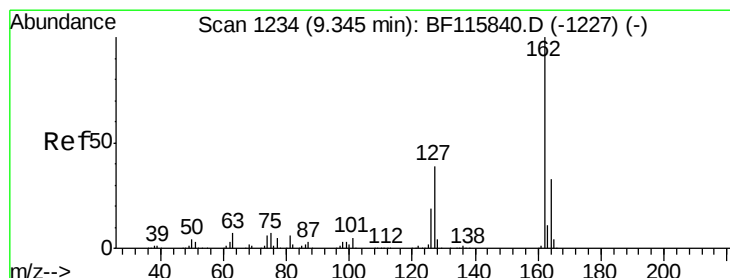
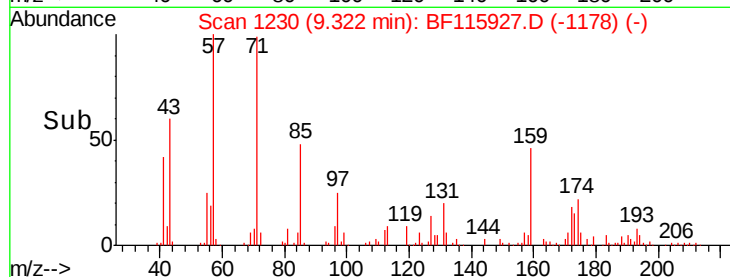
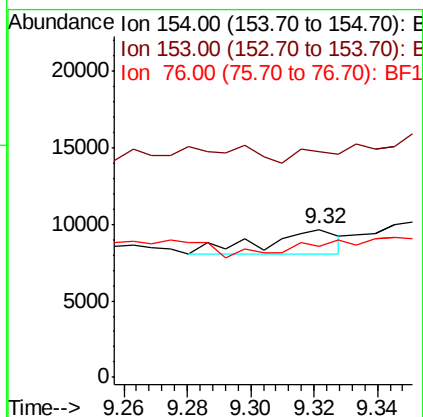
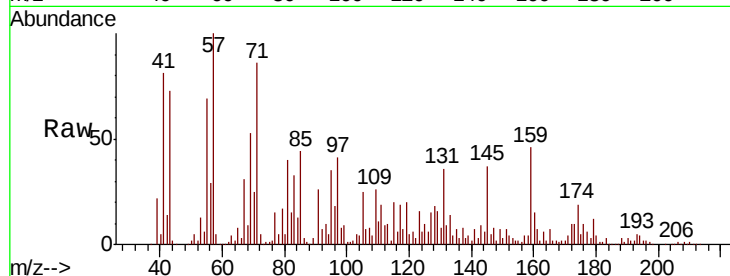




#46
 1,1'-Biphenyl
 Concen: 3.500 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: BF115927.D
 Acq: 2 Aug 2019 00:35

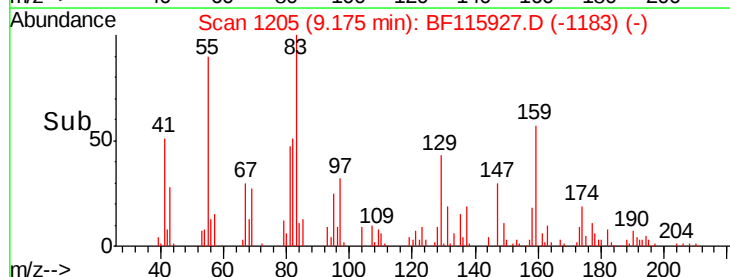
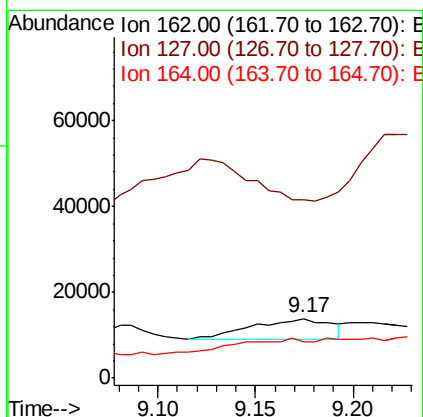
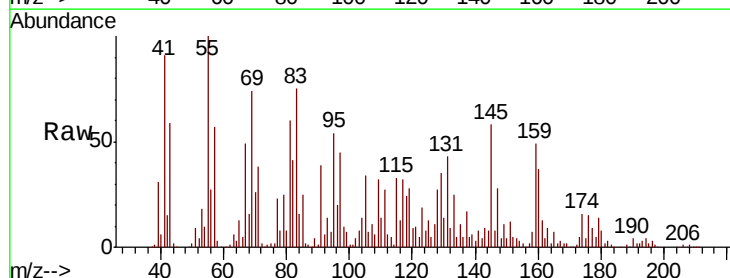
Instrument :
 BNA_F
 ClientSampled :
 TP-8

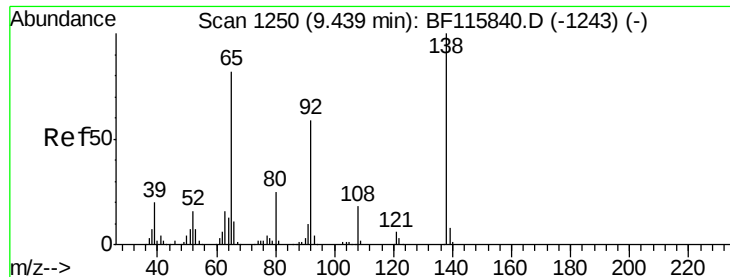
Tgt Ion:154 Resp: 2514
 Ion Ratio Lower Upper
 154 100
 153 153.1 20.9 60.9#
 76 89.1 0.0 34.3#



#47
 2-Chloronaphthalene
 Concen: 21.758 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.17 min
 Lab File: BF115927.D
 Acq: 2 Aug 2019 00:35

Tgt Ion:162 Resp: 13006
 Ion Ratio Lower Upper
 162 100
 127 300.9 31.3 46.9#
 164 61.7 26.6 40.0#

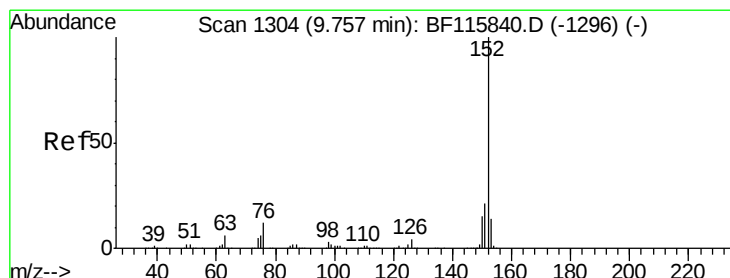
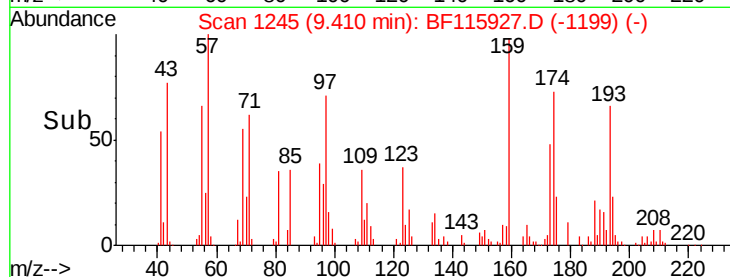
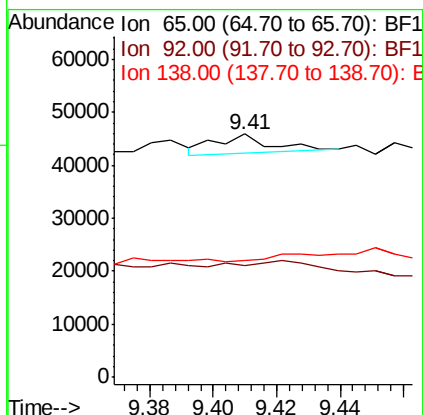
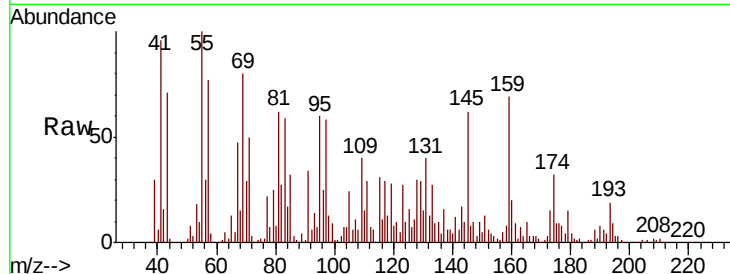




#48
2-Nitroaniline
Concen: 21.566 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.03 min
Lab File: BF115927.D
Acq: 2 Aug 2019 00:35

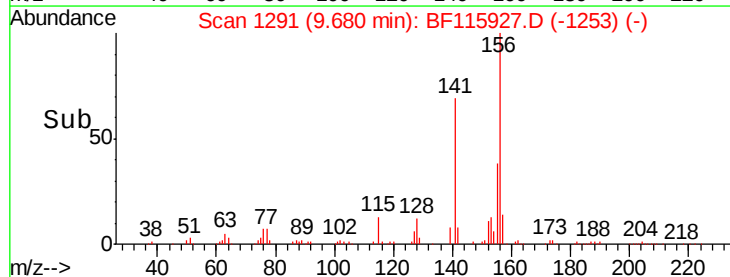
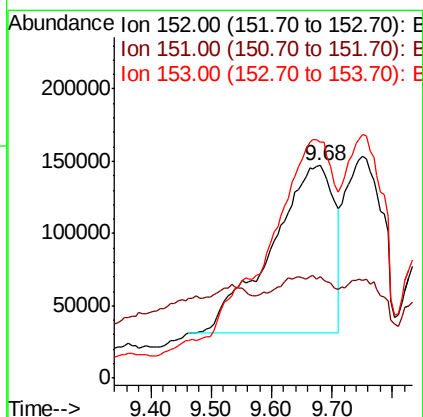
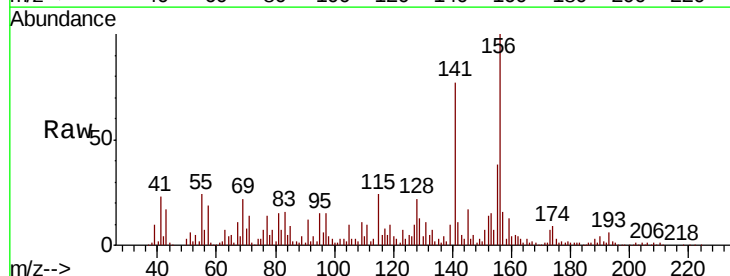
Instrument :
BNA_F
ClientSampleId :
TP-8

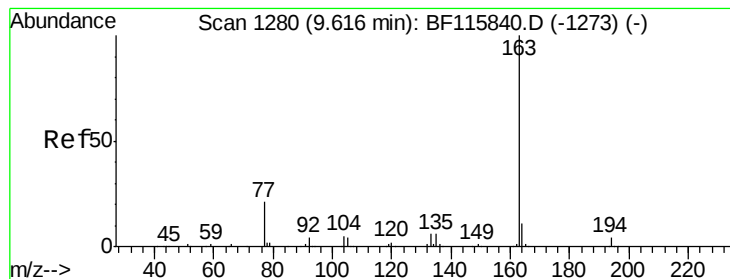
Tgt Ion: 65 Resp: 4261
Ion Ratio Lower Upper
65 100
92 46.0 57.1 85.7#
138 48.3 97.1 145.7#



#49
Acenaphthylene
Concen: 959.942 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.08 min
Lab File: BF115927.D
Acq: 2 Aug 2019 00:35

Tgt Ion: 152 Resp: 837147
Ion Ratio Lower Upper
152 100
151 47.6 16.8 25.2#
153 110.8 11.6 17.4#





#50

Dimethylphthalate

Concen: 19.234 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.10 min

Lab File: BF115927.D

Acq: 2 Aug 2019 00:35

Instrument :

BNA_F

ClientSampleId :

TP-8

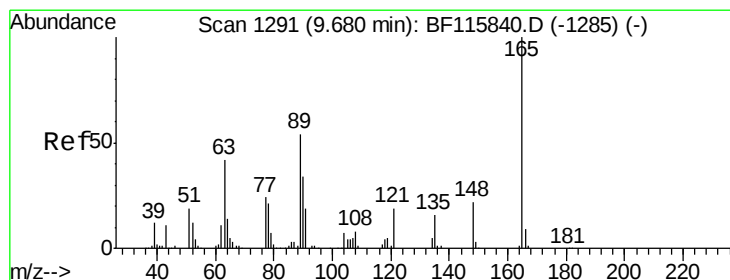
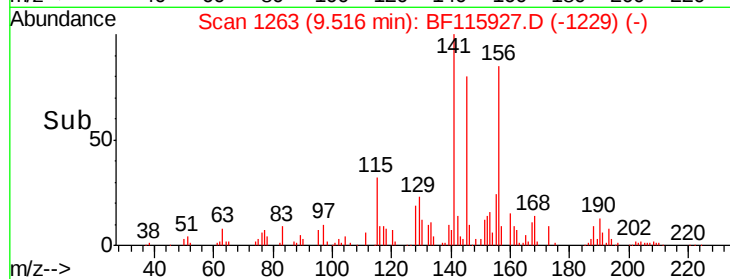
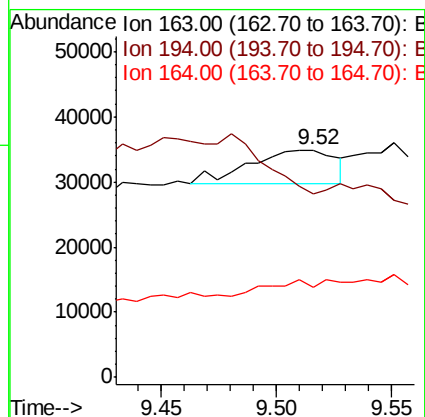
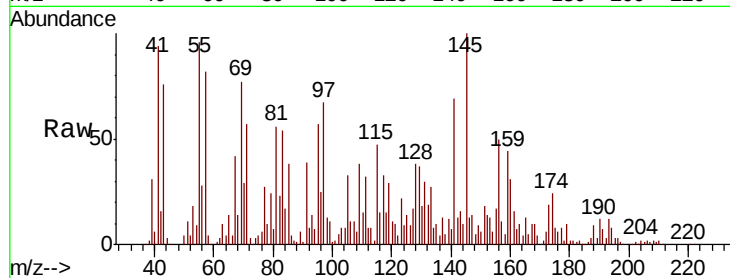
Tgt Ion:163 Resp: 13323

Ion Ratio Lower Upper

163 100

194 80.6 3.0 4.6#

164 39.3 8.4 12.6#



#51

2,6-Dinitrotoluene

Concen: 14.389 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.02 min

Lab File: BF115927.D

Acq: 2 Aug 2019 00:35

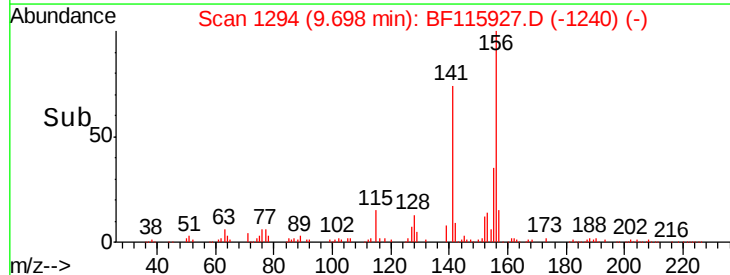
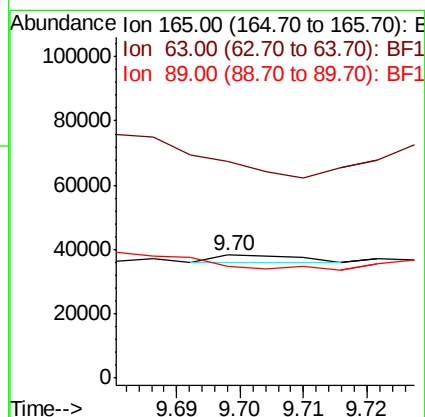
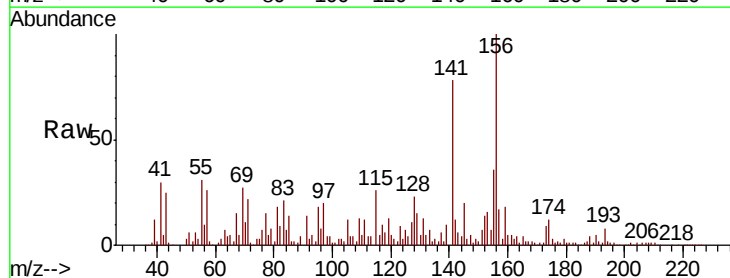
Tgt Ion:165 Resp: 2166

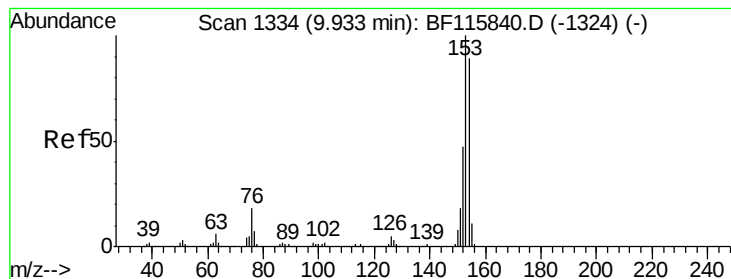
Ion Ratio Lower Upper

165 100

63 176.9 39.4 59.2#

89 91.5 43.0 64.6#





#52

Acenaphthene

Concen: 104.351 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF115927.D

Acq: 2 Aug 2019 00:35

Instrument :

BNA_F

ClientSampleId :

TP-8

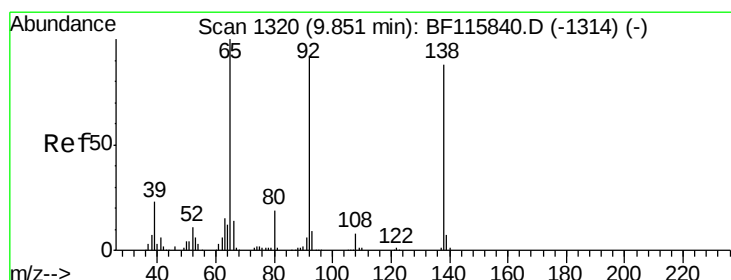
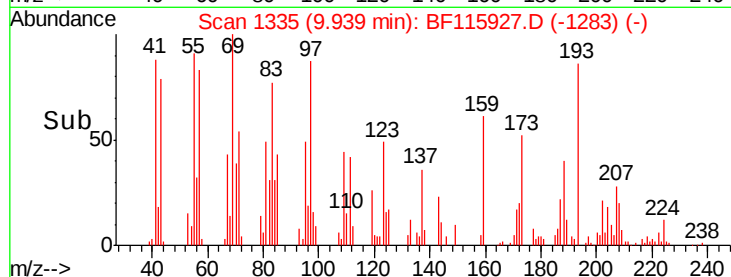
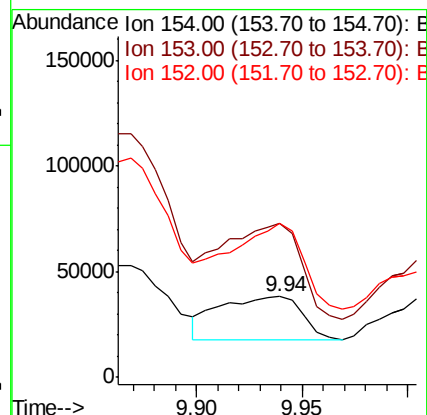
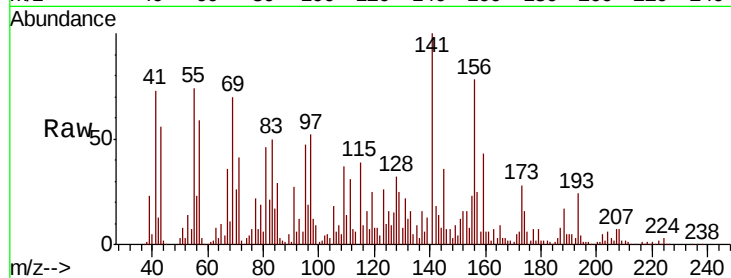
Tgt Ion:154 Resp: 55829

Ion Ratio Lower Upper

154 100

153 190.8 90.1 135.1#

152 190.3 42.6 63.8#



#53

3-Nitroaniline

Concen: 52.372 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.02 min

Lab File: BF115927.D

Acq: 2 Aug 2019 00:35

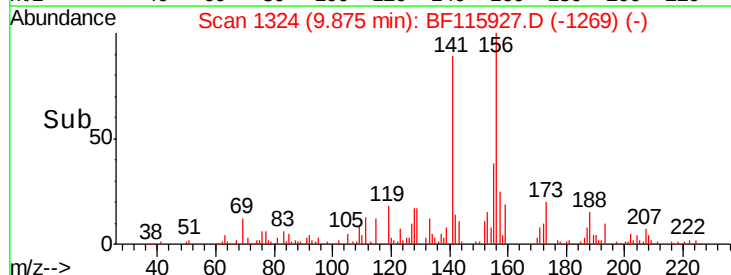
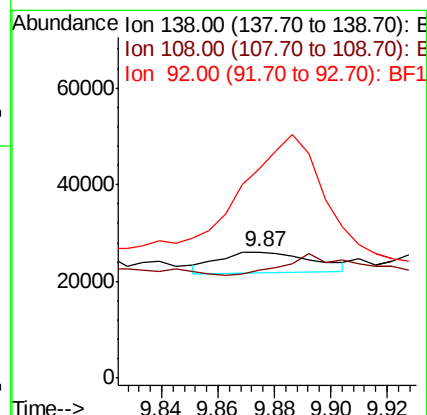
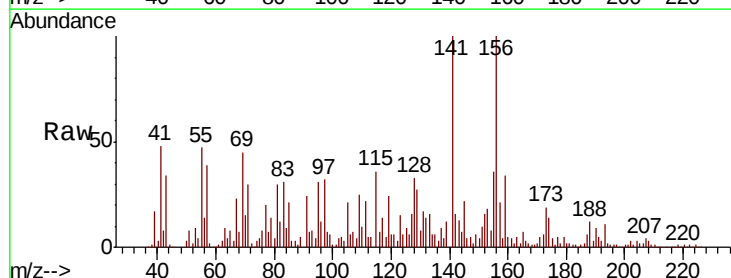
Tgt Ion:138 Resp: 9741

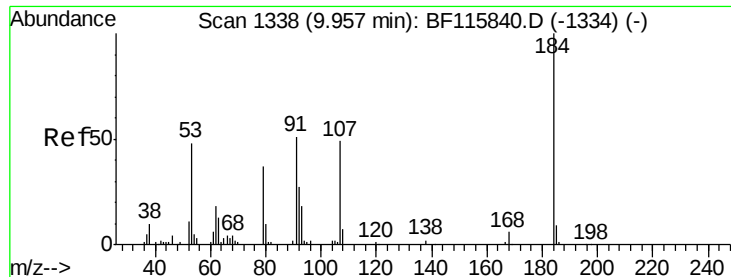
Ion Ratio Lower Upper

138 100

108 85.5 7.4 11.2#

92 165.9 83.9 125.9#





#54

2,4-Dinitrophenol

Concen: 27.389 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.02 min

Lab File: BF115927.D

Acq: 2 Aug 2019 00:35

Instrument :

BNA_F

ClientSampled :

TP-8

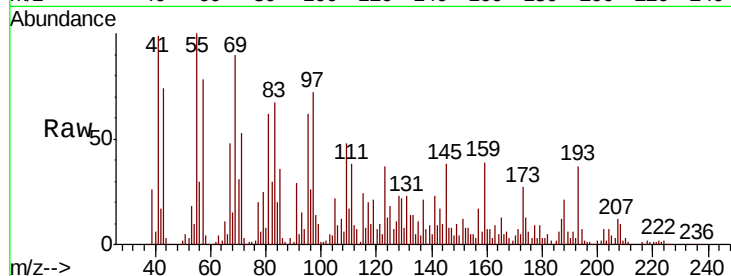
Tgt Ion:184 Resp: 1661

Ion Ratio Lower Upper

184 100

63 853.1 56.7 85.1#

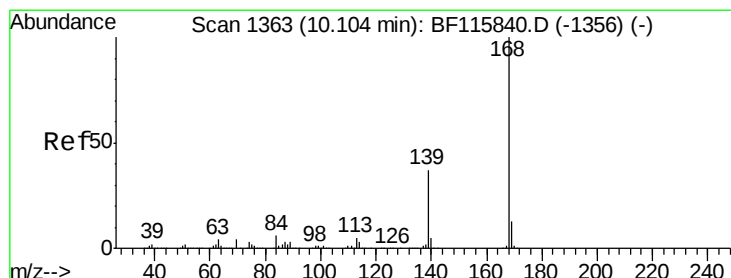
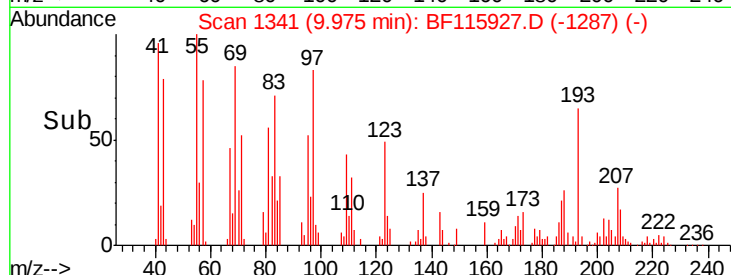
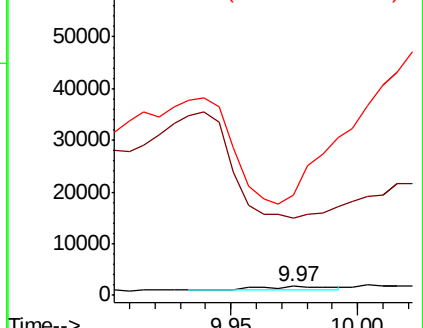
154 1108.4 51.9 77.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 725.089 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BF115927.D

Acq: 2 Aug 2019 00:35

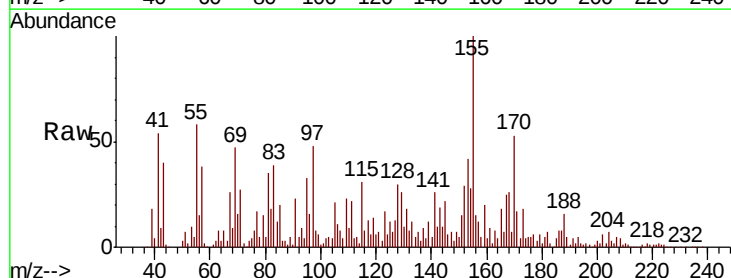
Tgt Ion:168 Resp: 564149

Ion Ratio Lower Upper

168 100

139 47.4 30.2 45.2#

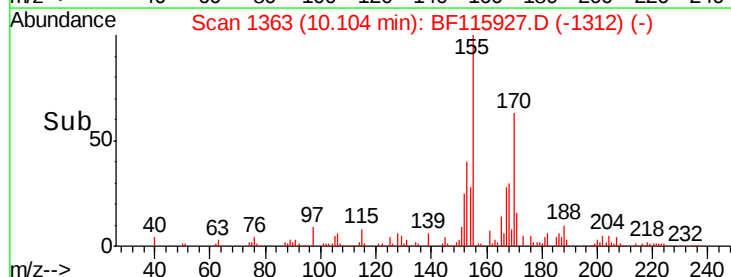
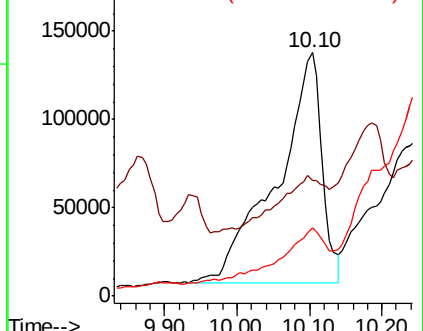
169 27.9 10.8 16.2#

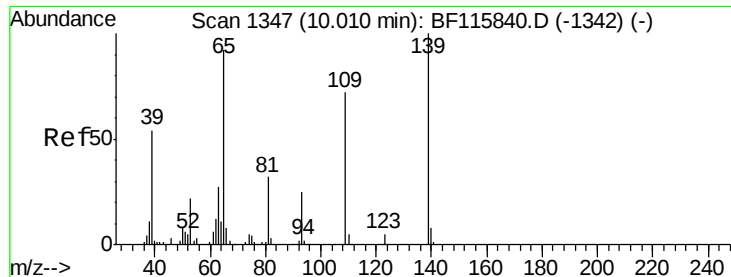


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

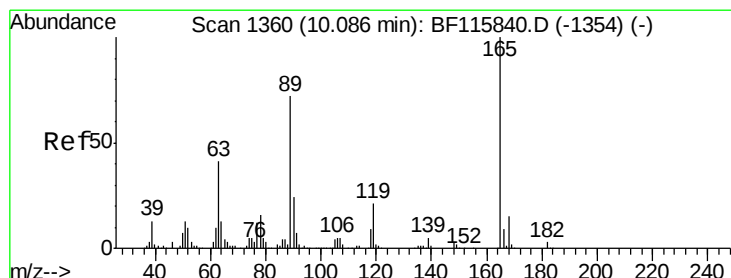
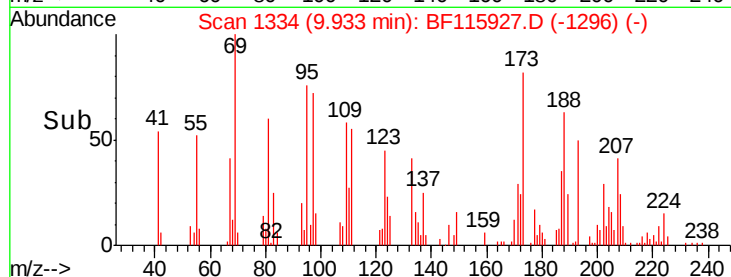
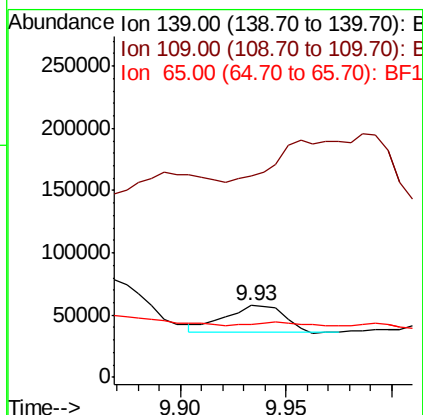
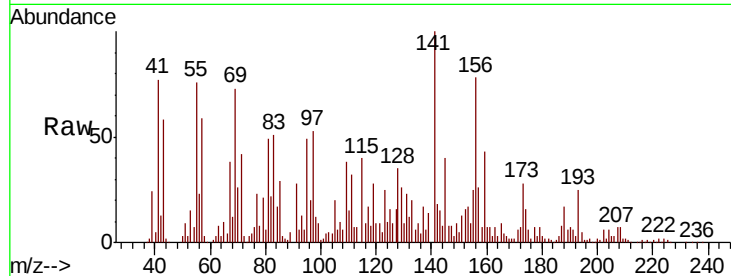




#56
4-Nitrophenol
Concen: 357.424 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.08 min
Lab File: BF115927.D
Acq: 2 Aug 2019 00:35

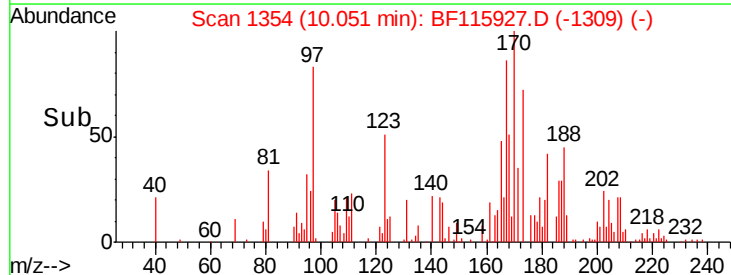
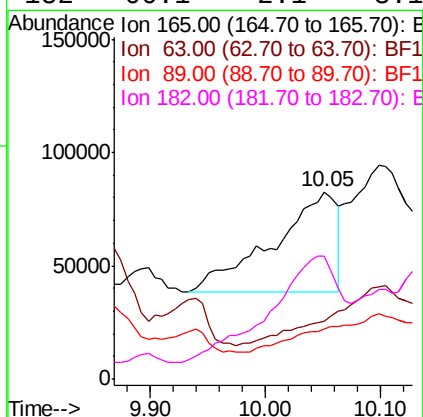
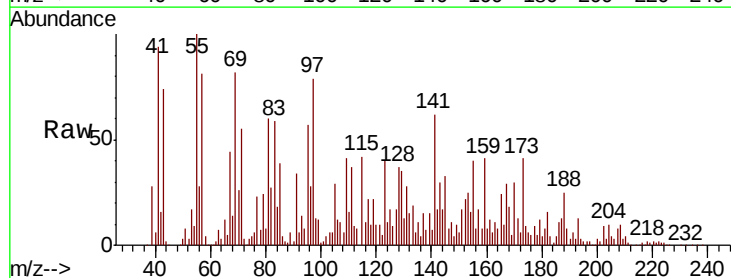
Instrument :
BNA_F
ClientSampleId :
TP-8

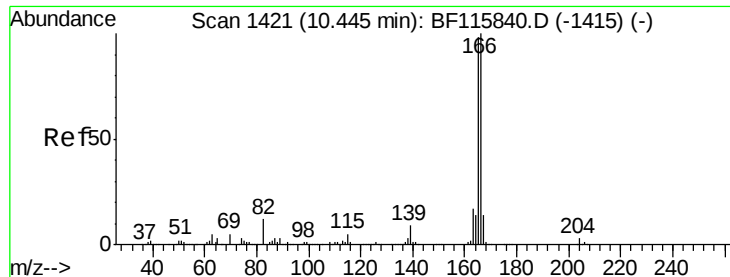
Tgt Ion:139 Resp: 42587
Ion Ratio Lower Upper
139 100
109 281.8 52.0 92.0#
65 73.9 72.6 112.6



#57
2,4-Dinitrotoluene
Concen: 851.346 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.04 min
Lab File: BF115927.D
Acq: 2 Aug 2019 00:35

Tgt Ion:165 Resp: 170624
Ion Ratio Lower Upper
165 100
63 31.0 33.2 49.8#
89 27.0 57.3 85.9#
182 66.1 2.1 3.1#

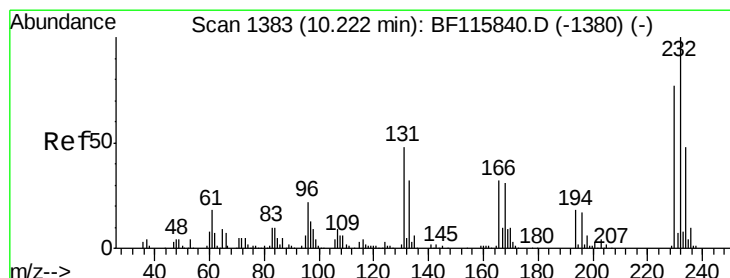
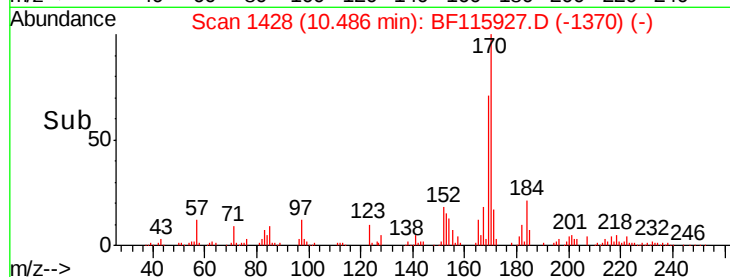
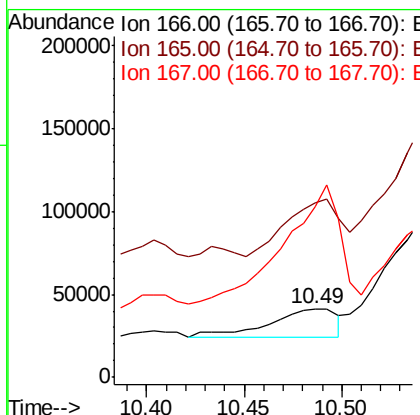
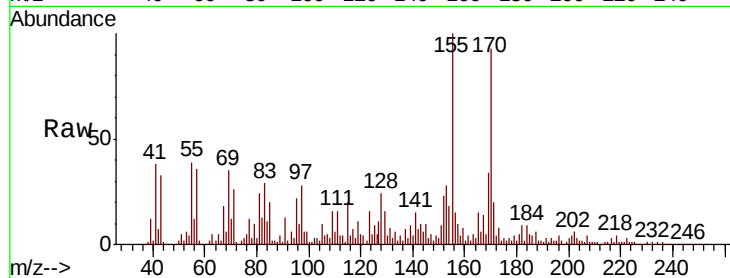




#58
 Fluorene
 Concen: 67.904 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.04 min
 Lab File: BF115927.D
 Acq: 2 Aug 2019 00:35

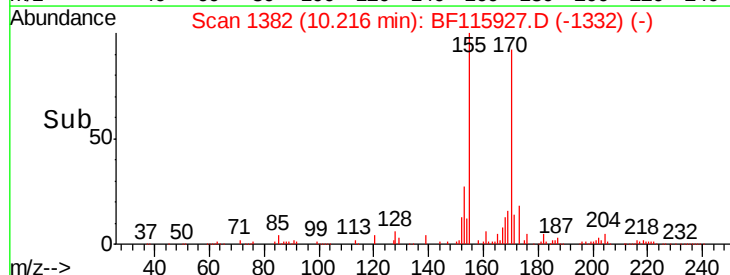
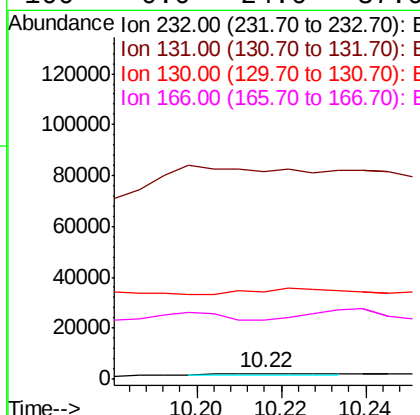
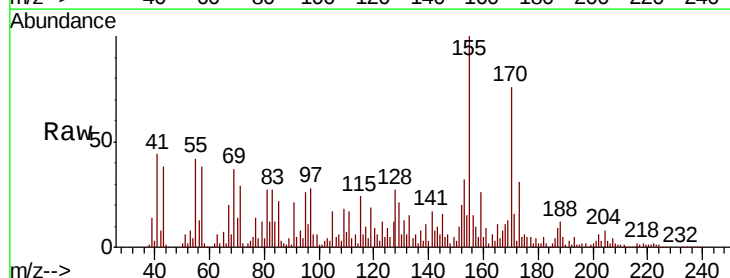
Instrument :
 BNA_F
 ClientSampleId :
 TP-8

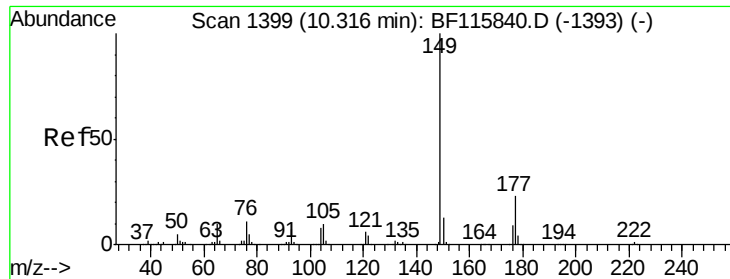
Tgt Ion:166 Resp: 40648
 Ion Ratio Lower Upper
 166 100
 165 254.7 78.6 118.0#
 167 249.4 10.9 16.3#



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 6.843 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF115927.D
 Acq: 2 Aug 2019 00:35

Tgt Ion:232 Resp: 1114
 Ion Ratio Lower Upper
 232 100
 131 0.0 37.6 56.4#
 130 1073.0 1.8 2.8#
 166 0.0 24.6 37.0#

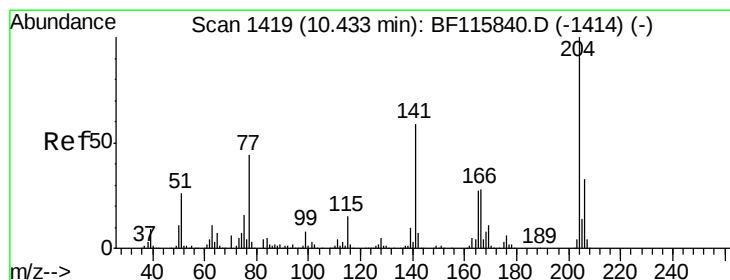
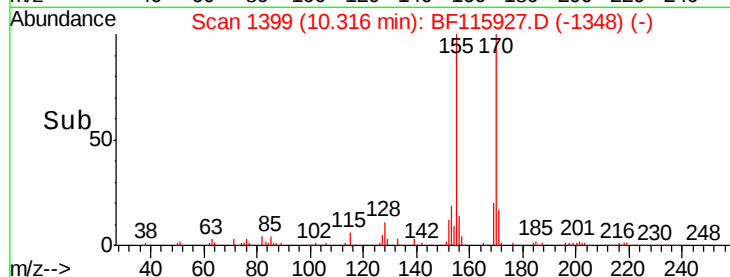
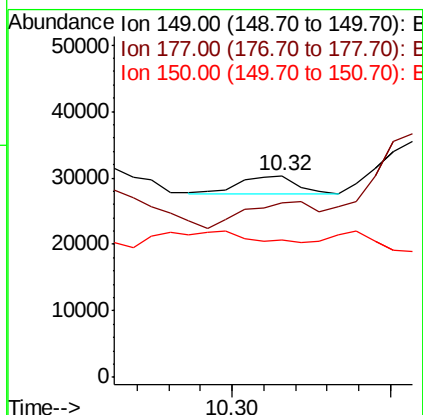
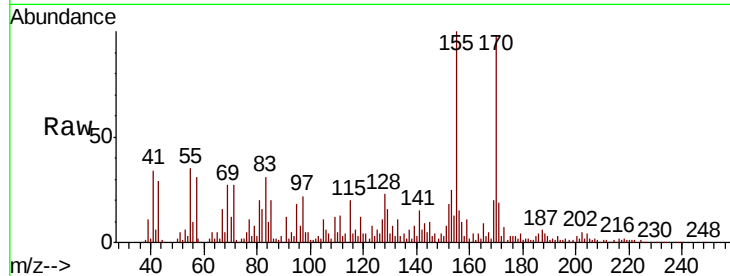




#60
Diethylphthalate
Concen: 5.690 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF115927.D
Acq: 2 Aug 2019 00:35

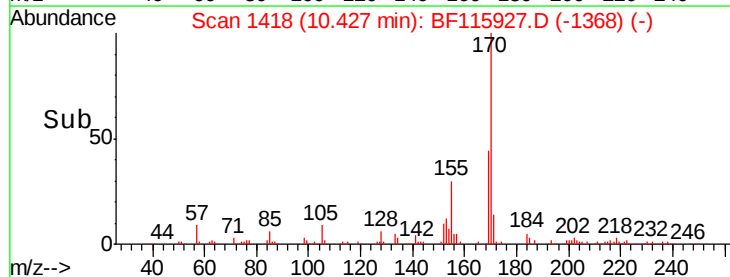
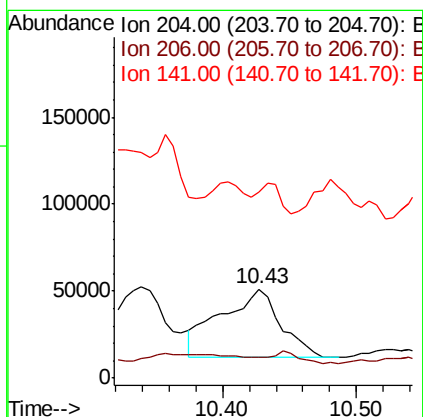
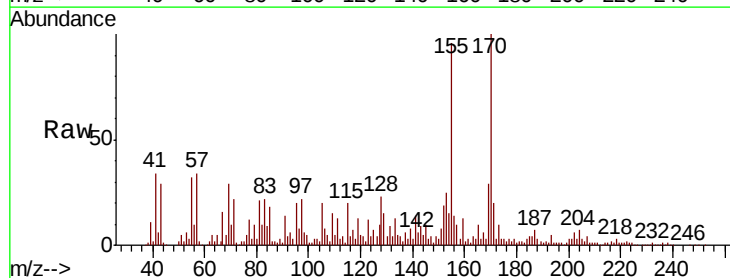
Instrument :
BNA_F
ClientSampled :
TP-8

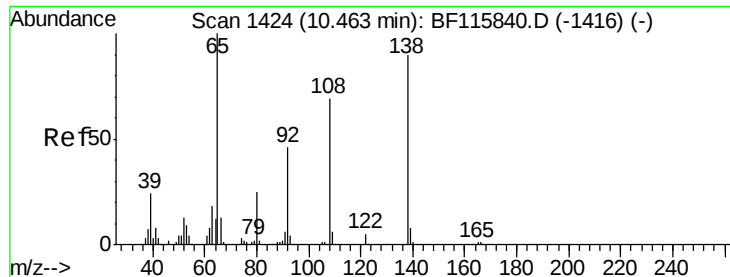
Tgt Ion:149 Resp: 3680
Ion Ratio Lower Upper
149 100
177 86.7 18.4 27.6#
150 68.2 10.1 15.1#



#61
4-Chlorophenyl-phenylether
Concen: 409.602 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF115927.D
Acq: 2 Aug 2019 00:35

Tgt Ion:204 Resp: 124177
Ion Ratio Lower Upper
204 100
206 23.3 26.4 39.6#
141 209.7 47.0 70.4#

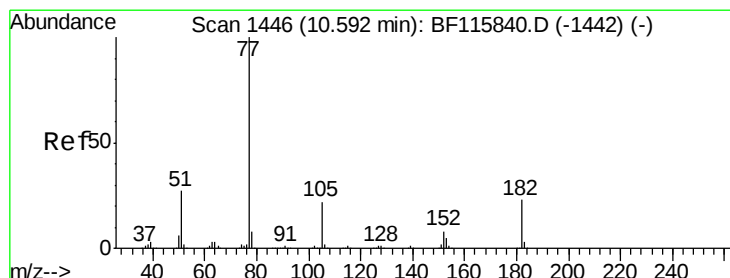
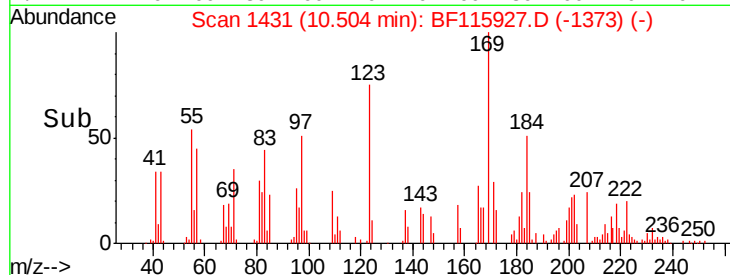
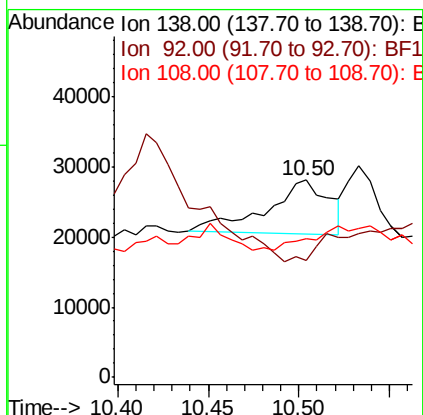
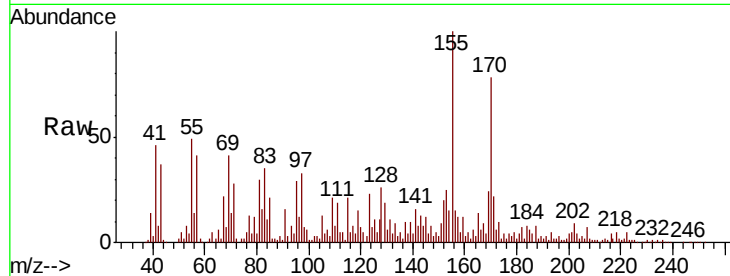




#62
4-Nitroaniline
Concen: 96.032 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.04 min
Lab File: BF115927.D
Acq: 2 Aug 2019 00:35

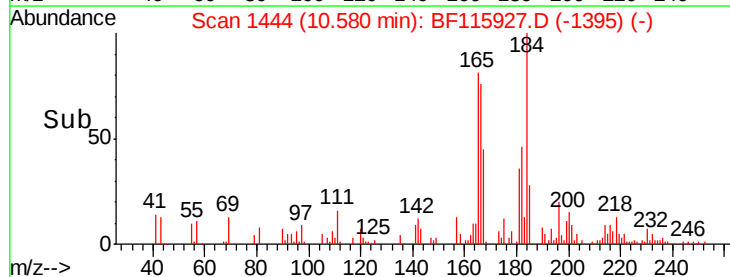
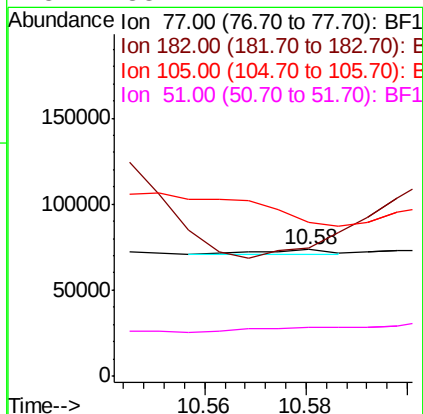
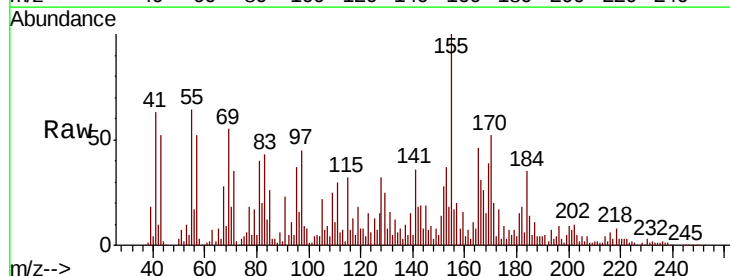
Instrument :
BNA_F
ClientSampled :
TP-8

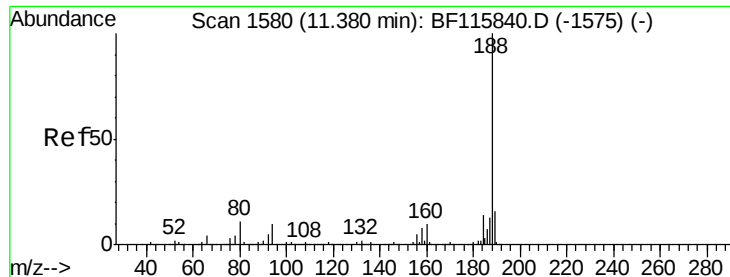
Tgt Ion:138 Resp: 18459
Ion Ratio Lower Upper
138 100
92 59.4 31.0 71.0
108 70.4 56.7 96.7



#63
Azobenzene
Concen: 5.030 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF115927.D
Acq: 2 Aug 2019 00:35

Tgt Ion: 77 Resp: 3346
Ion Ratio Lower Upper
77 100
182 101.2 2.6 42.6#
105 121.4 1.6 41.6#
51 38.1 7.4 47.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.04 min

Lab File: BF115927.D

Acq: 2 Aug 2019 00:35

Instrument :

BNA_F

ClientSampled :

TP-8

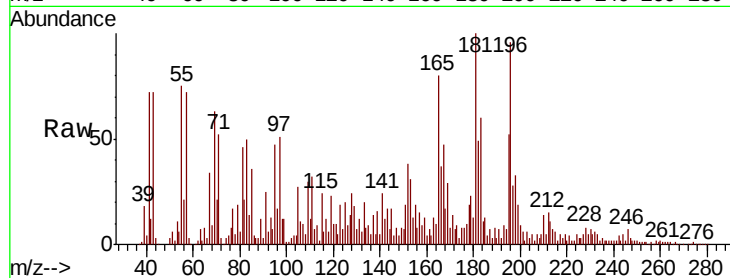
Tgt Ion:188 Resp: 12246

Ion Ratio Lower Upper

188 100

94 239.0 8.0 12.0#

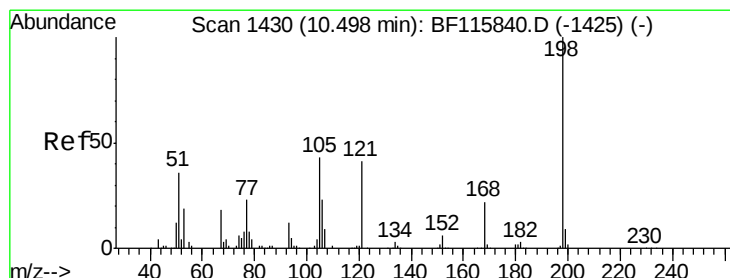
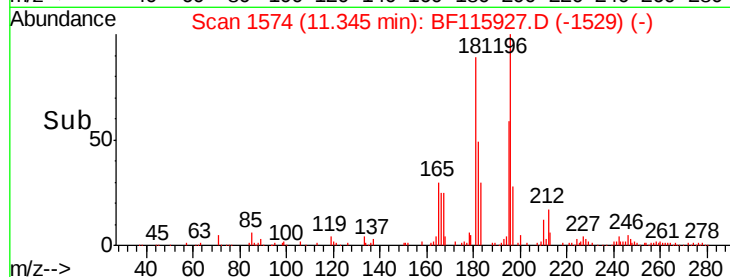
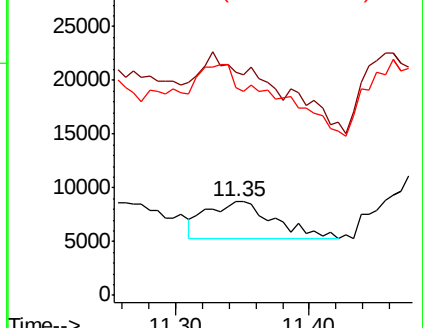
80 221.8 8.6 12.8#



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: 74.735 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.08 min

Lab File: BF115927.D

Acq: 2 Aug 2019 00:35

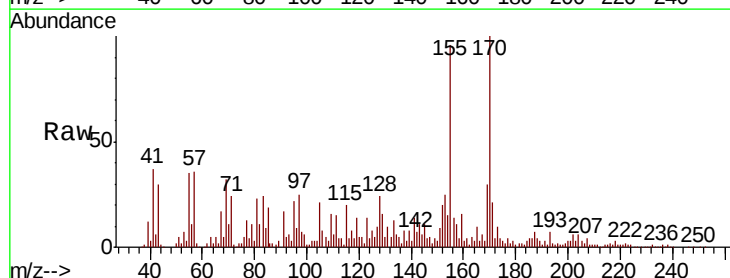
Tgt Ion:198 Resp: 4850

Ion Ratio Lower Upper

198 100

51 1002.3 21.1 61.1#

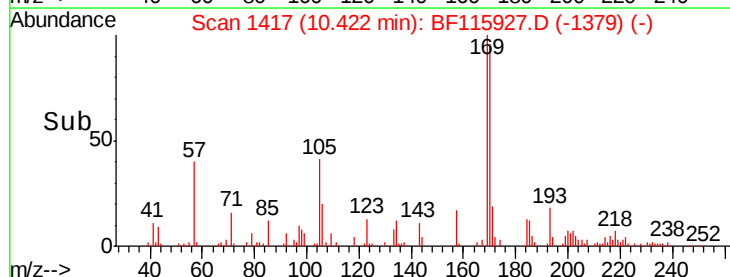
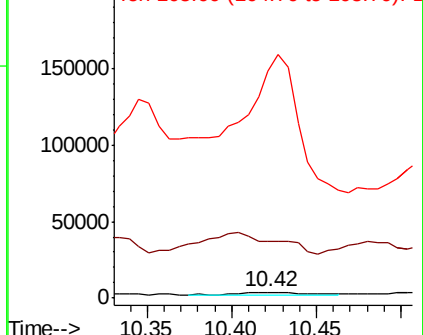
105 4009.3 24.5 64.5#

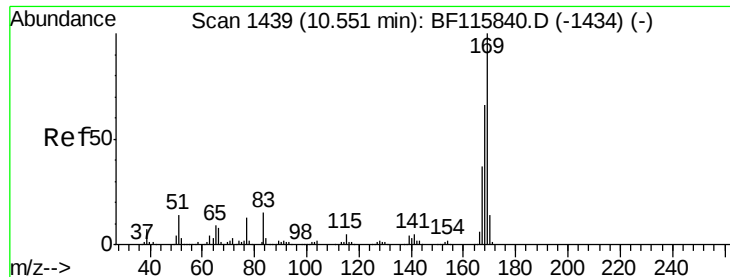


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

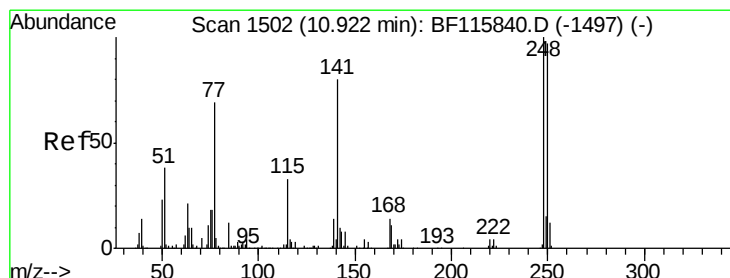
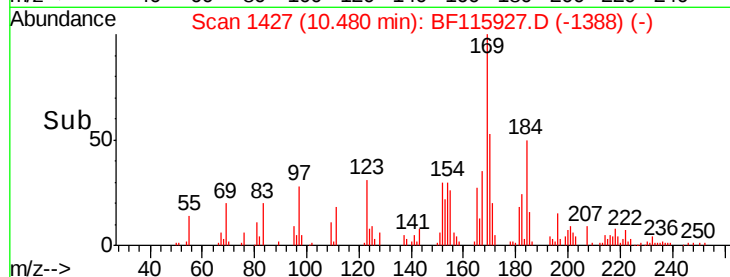
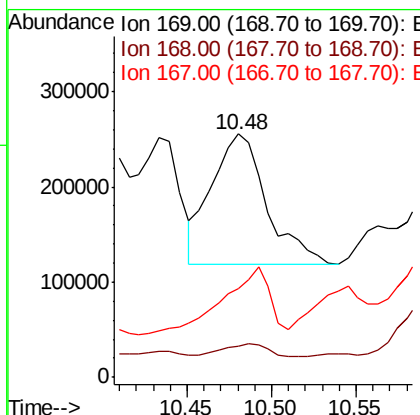
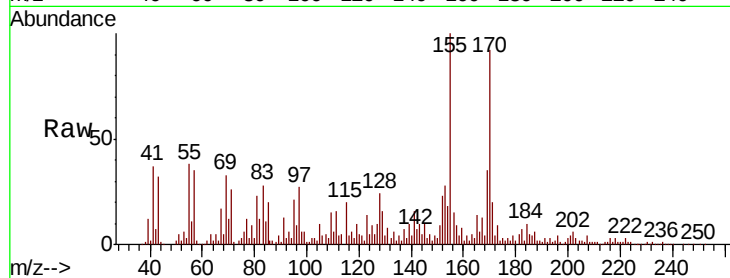




#66
 n-Nitrosodiphenylamine
 Concen: 838.181 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.07 min
 Lab File: BF115927.D
 Acq: 2 Aug 2019 00:35

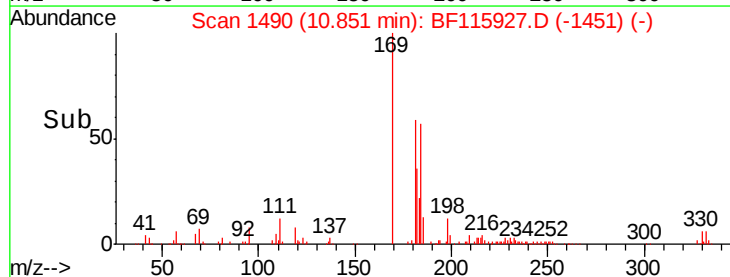
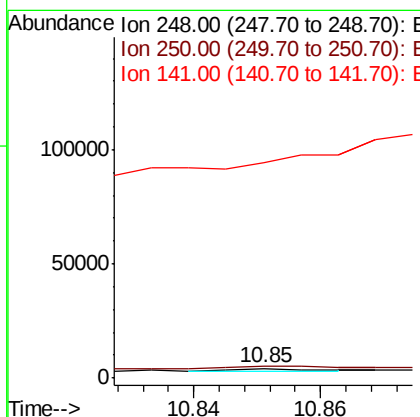
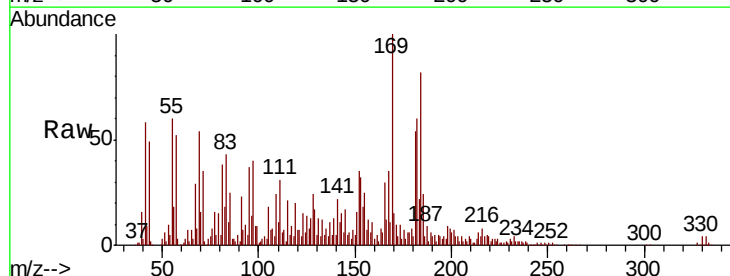
Instrument :
 BNA_F
 ClientSampleId :
 TP-8

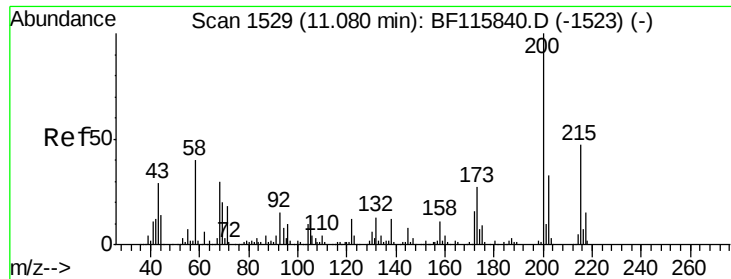
Tgt Ion:169 Resp: 308947
 Ion Ratio Lower Upper
 169 100
 168 12.7 53.0 79.6#
 167 36.4 29.9 44.9



#67
 4-Bromophenyl-phenylether
 Concen: 5.332 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. -0.07 min
 Lab File: BF115927.D
 Acq: 2 Aug 2019 00:35

Tgt Ion:248 Resp: 699
 Ion Ratio Lower Upper
 248 100
 250 120.8 77.8 116.6#
 141 2277.9 64.3 96.5#

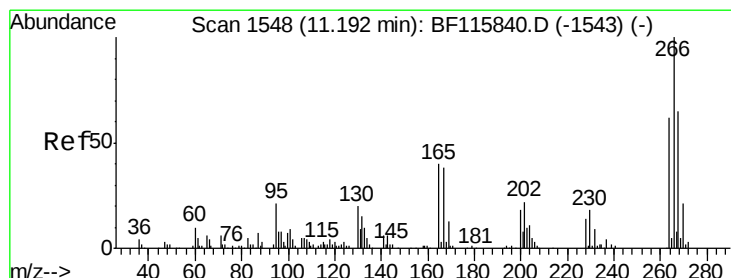
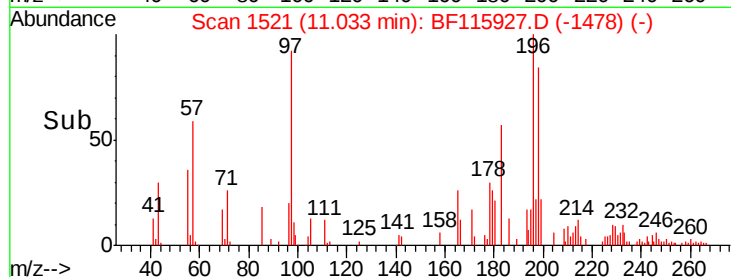
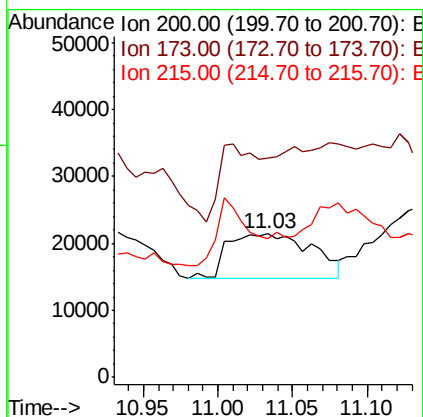
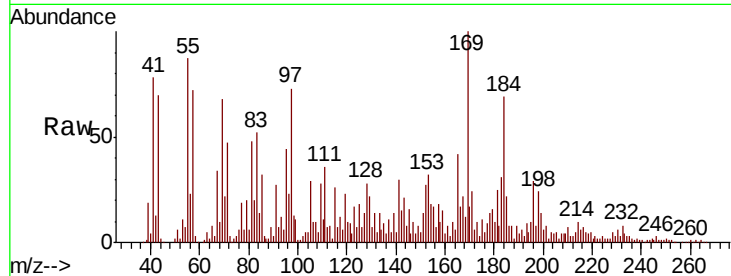




#69
Atrazine
Concen: 210.309 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.05 min
Lab File: BF115927.D
Acq: 2 Aug 2019 00:35

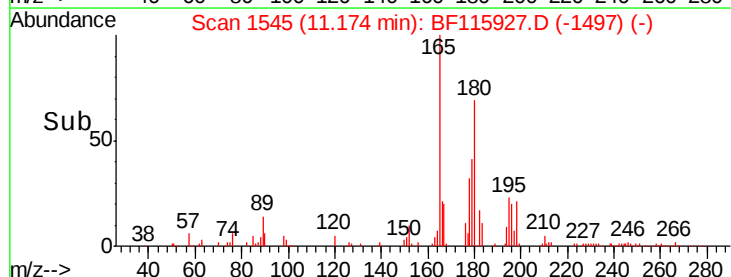
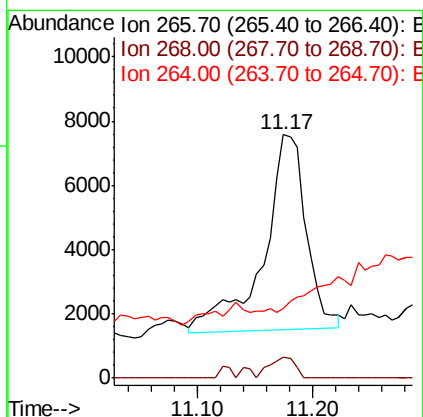
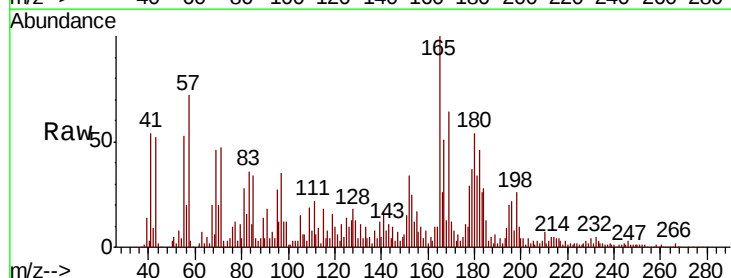
Instrument :
BNA_F
ClientSampleId :
TP-8

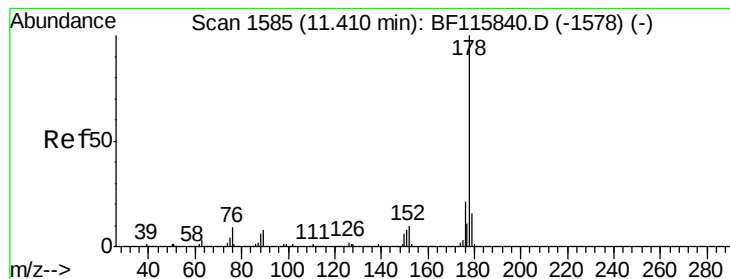
Tgt Ion:200 Resp: 25502
Ion Ratio Lower Upper
200 100
173 153.3 7.3 47.3#
215 97.1 26.9 66.9#



#70
Pentachlorophenol
Concen: 211.479 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.02 min
Lab File: BF115927.D
Acq: 2 Aug 2019 00:35

Tgt Ion:266 Resp: 15564
Ion Ratio Lower Upper
266 100
268 8.3 51.6 77.4#
264 28.6 49.4 74.0#





#71

Phenanthrene

Concen: 364.131 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.21 min

Lab File: BF115927.D

Acq: 2 Aug 2019 00:35

Instrument :

BNA_F

ClientSampleId :

TP-8

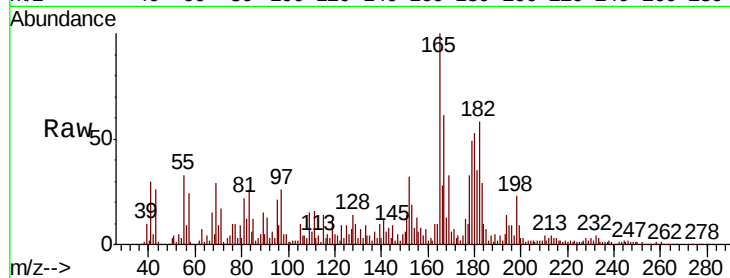
Tgt Ion:178 Resp: 227961

Ion Ratio Lower Upper

178 100

176 35.9 16.5 24.7#

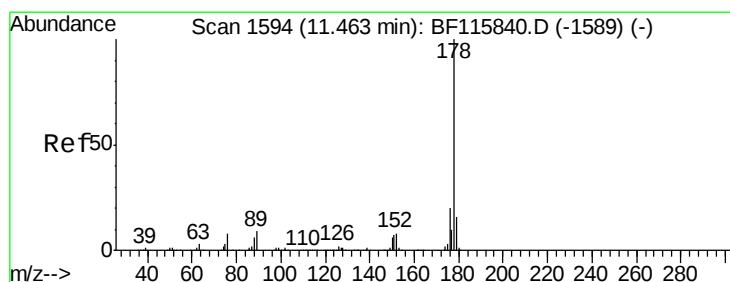
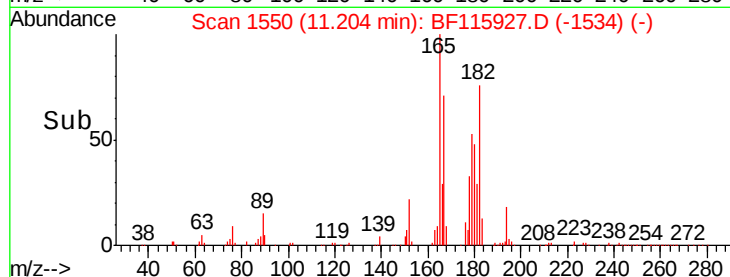
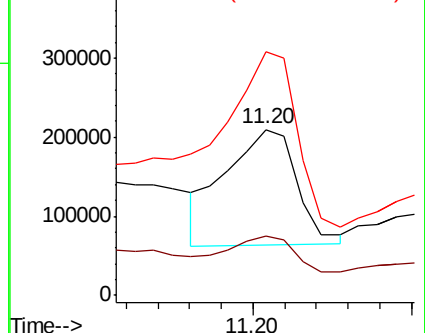
179 147.0 12.6 18.8#



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: 4151.782 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.11 min

Lab File: BF115927.D

Acq: 2 Aug 2019 00:35

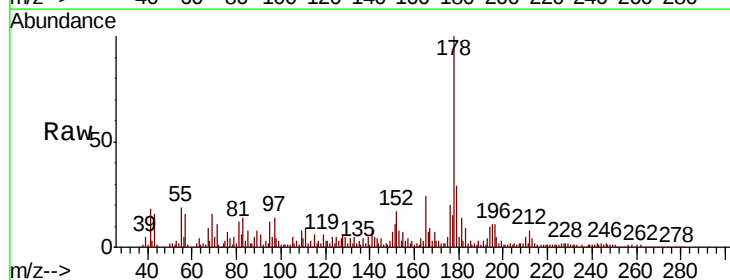
Tgt Ion:178 Resp: 2630496

Ion Ratio Lower Upper

178 100

176 20.1 15.7 23.5

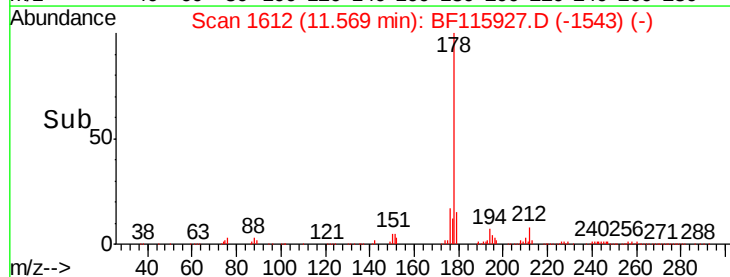
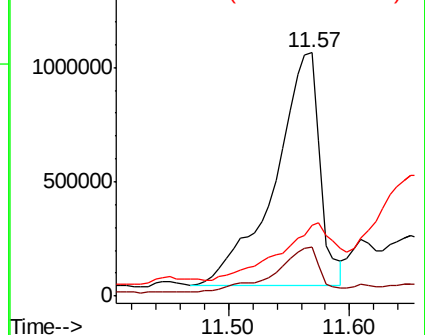
179 29.1 12.4 18.6#

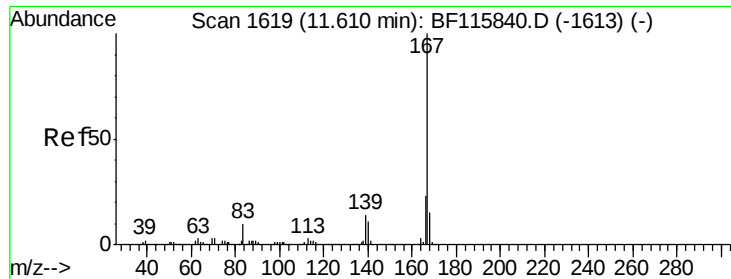


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

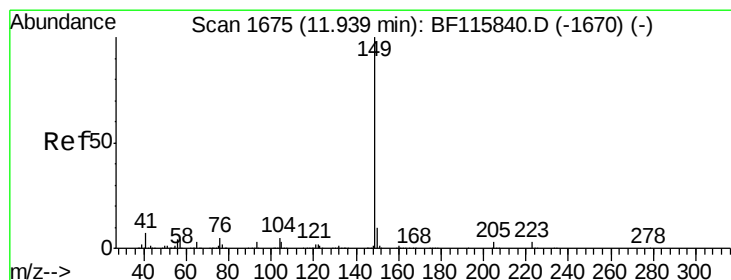
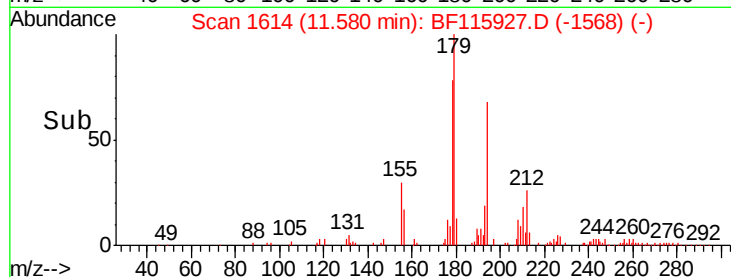
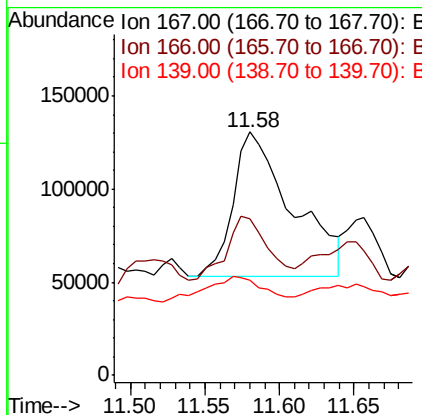
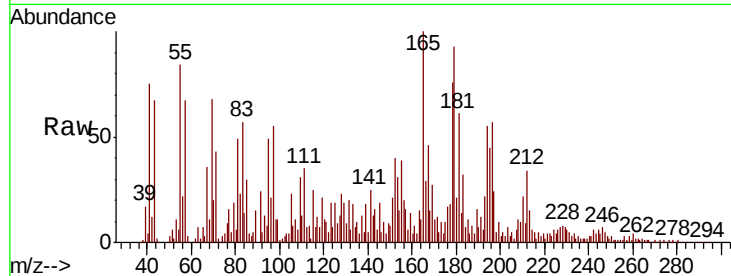




#73
 Carbazole
 Concen: 373.108 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.03 min
 Lab File: BF115927.D
 Acq: 2 Aug 2019 00:35

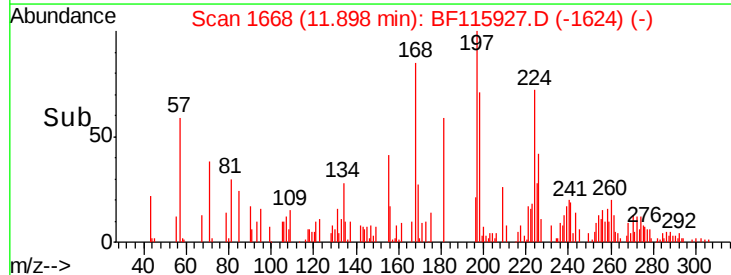
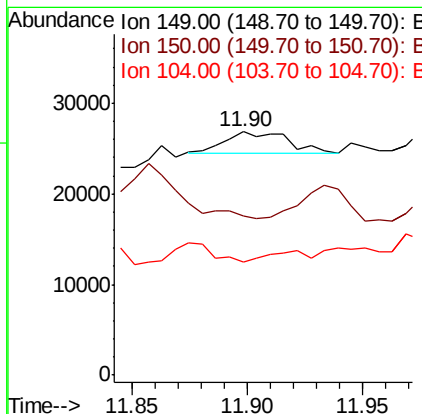
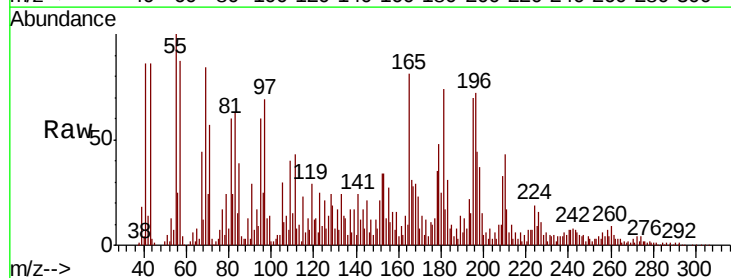
Instrument :
 BNA_F
 ClientSampleId :
 TP-8

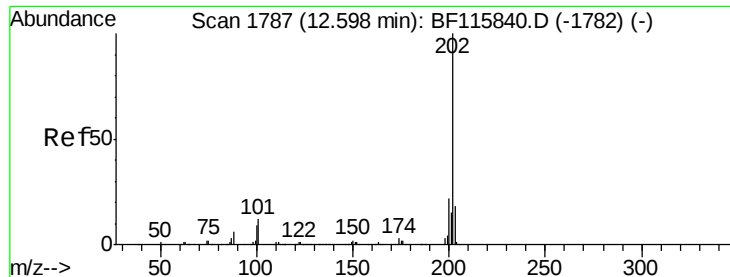
Tgt Ion:167 Resp: 214468
 Ion Ratio Lower Upper
 167 100
 166 64.5 18.0 27.0#
 139 38.9 11.4 17.2#



#74
 Di-n-butylphthalate
 Concen: 6.766 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.04 min
 Lab File: BF115927.D
 Acq: 2 Aug 2019 00:35

Tgt Ion:149 Resp: 4537
 Ion Ratio Lower Upper
 149 100
 150 65.6 7.7 11.5#
 104 46.4 4.3 6.5#





#75

Fluoranthene

Concen: 294.351 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.10 min

Lab File: BF115927.D

Acq: 2 Aug 2019 00:35

Instrument :

BNA_F

ClientSampleId :

TP-8

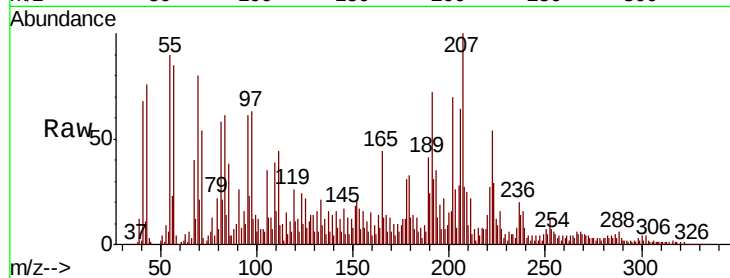
Tgt Ion:202 Resp: 192919

Ion Ratio Lower Upper

202 100

101 17.6 0.0 31.5

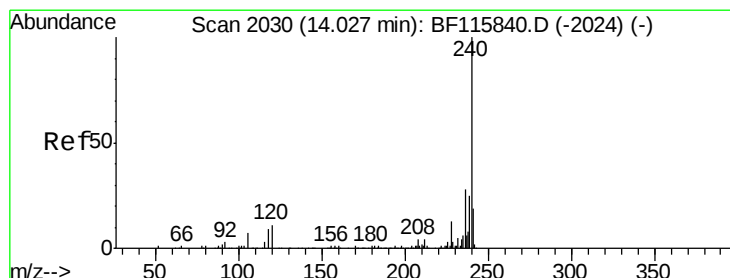
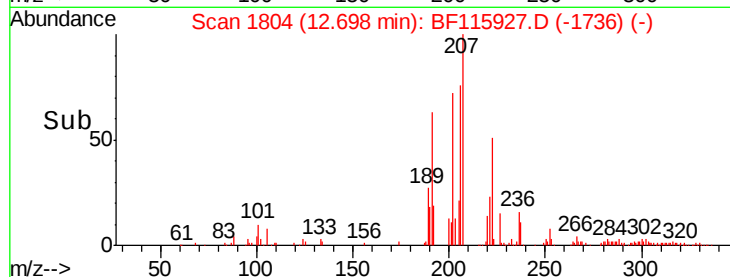
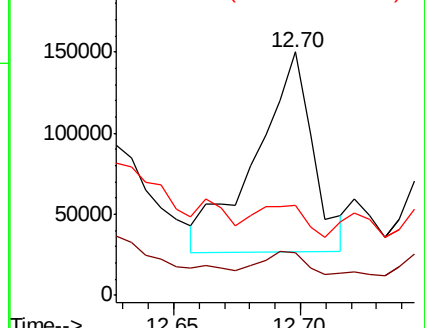
203 37.1 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.02 min

Lab File: BF115927.D

Acq: 2 Aug 2019 00:35

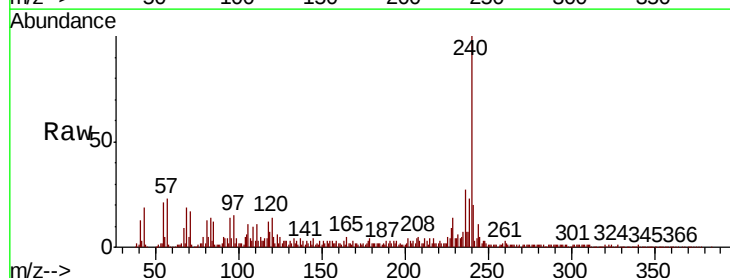
Tgt Ion:240 Resp: 277771

Ion Ratio Lower Upper

240 100

120 14.3 8.5 12.7#

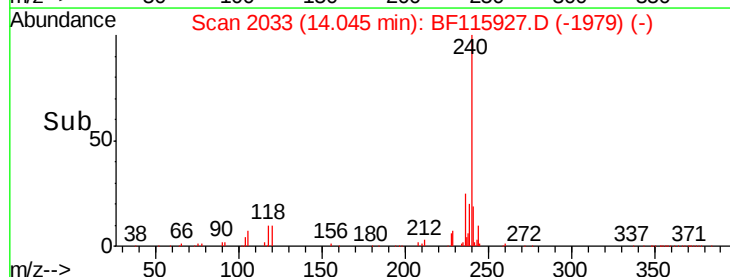
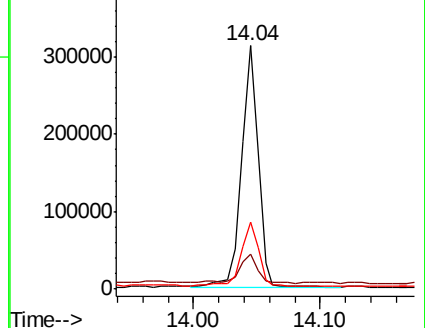
236 27.3 22.2 33.2

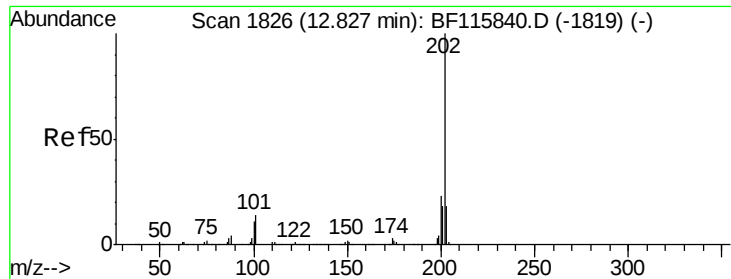


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

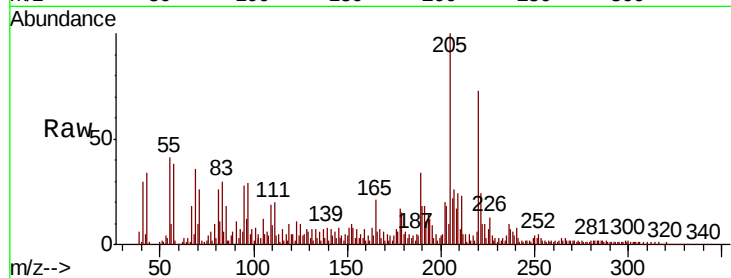




#78
 Pyrene
 Concen: 4.964 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. 0.03 min
 Lab File: BF115927.D
 Acq: 2 Aug 2019 00:35

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Tgt Ion	Ratio	Lower	Upper
202	100		
200	18.8	18.2	27.2
203	89.8	14.3	21.5#

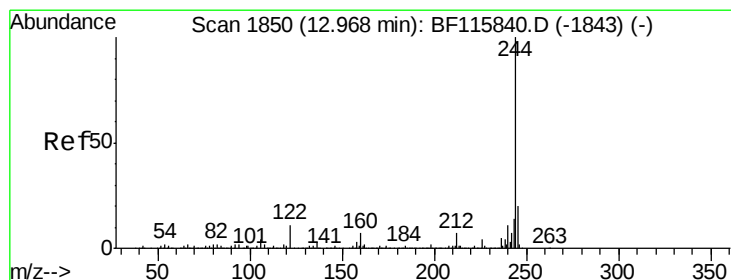
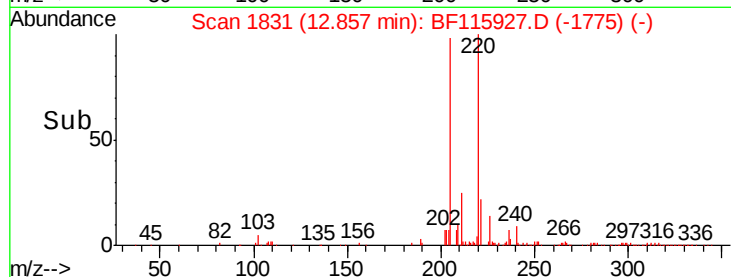
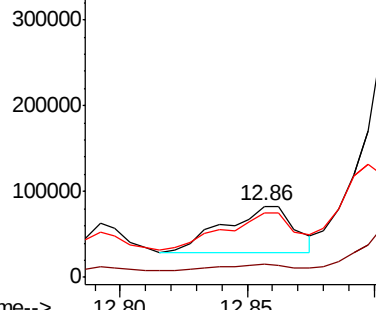


Abundance

Ion 202.00 (201.70 to 202.70): E

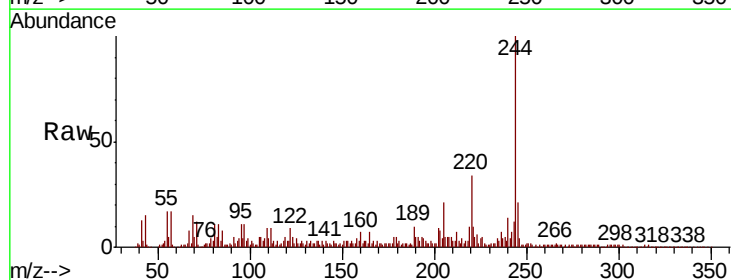
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
 Terphenyl-d14
 Concen: 60.684 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. 0.06 min
 Lab File: BF115927.D
 Acq: 2 Aug 2019 00:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	8.6	8.6	13.0#

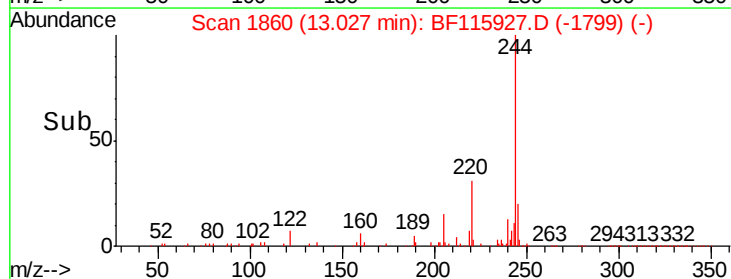
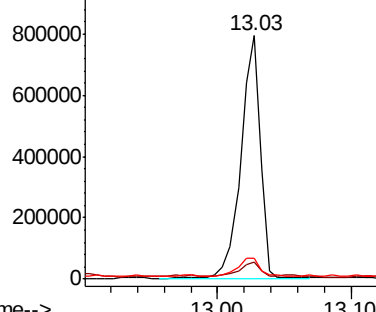


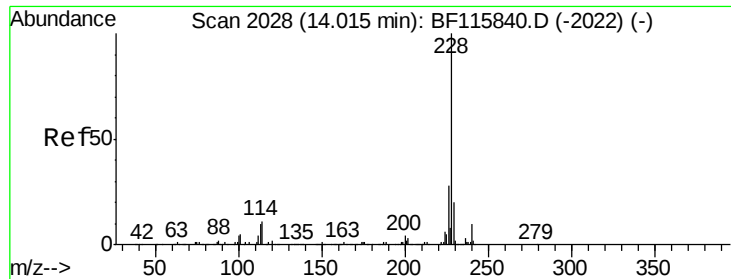
Abundance

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

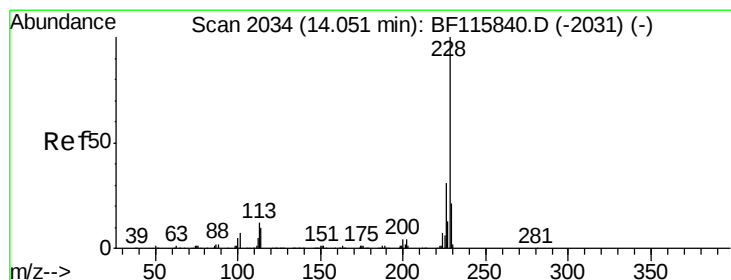
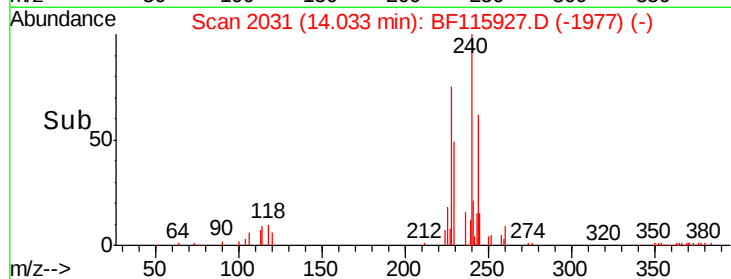
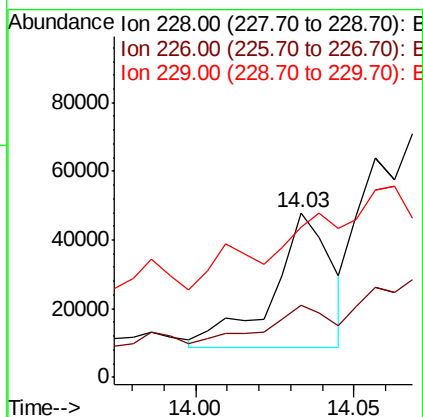
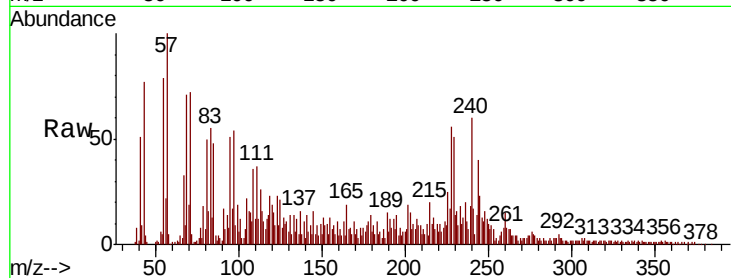




#81
Benzo(a)anthracene
Concen: 2.846 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.02 min
Lab File: BF115927.D
Acq: 2 Aug 2019 00:35

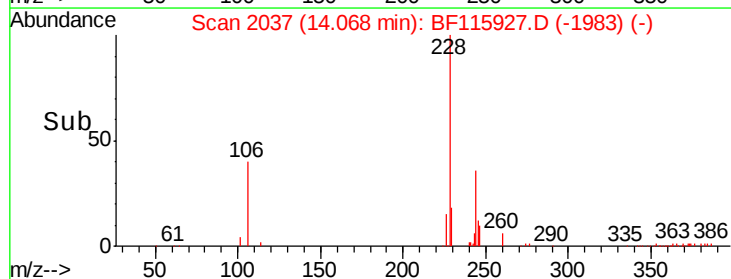
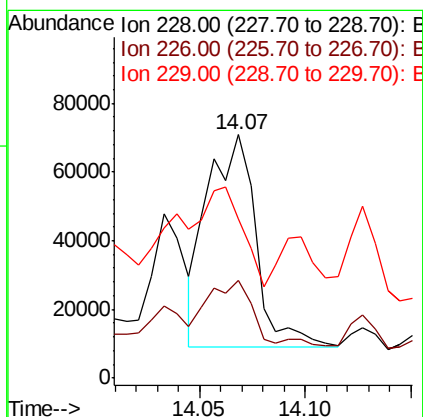
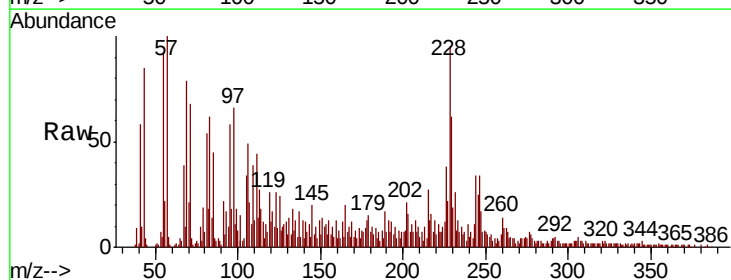
Instrument :
BNA_F
ClientSampled :
TP-8

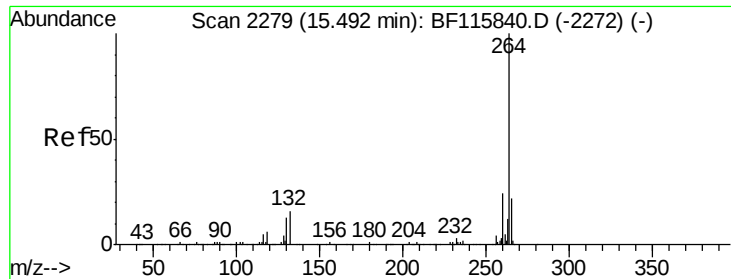
Tgt Ion:228 Resp: 50524
Ion Ratio Lower Upper
228 100
226 44.0 22.5 33.7#
229 91.5 16.1 24.1#



#83
Chrysene
Concen: 5.707 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF115927.D
Acq: 2 Aug 2019 00:35

Tgt Ion:228 Resp: 98371
Ion Ratio Lower Upper
228 100
226 40.2 24.8 37.2#
229 65.3 16.4 24.6#

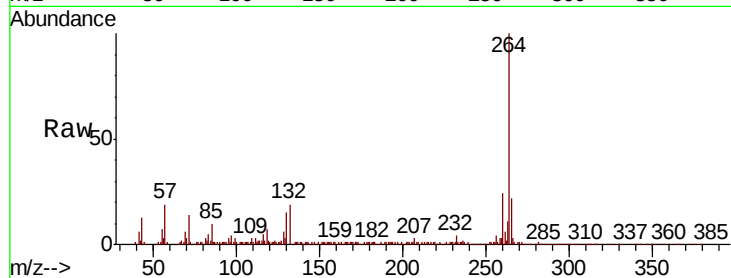




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF115927.D
Acq: 2 Aug 2019 00:35

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	22.0	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

