

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070219\
 Data File : BF115380.D
 Acq On : 3 Jul 2019 00:27
 Operator : HP/JU
 Sample : K3550-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-1A

Quant Time: Jul 03 05:58:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	195566	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	408823	20.00	ng	0.02
39) Acenaphthene-d10	9.63	164	8643	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	301108	20.00	ng	0.07
76) Chrysene-d12	13.75	240	448461	20.00	ng	0.03
87) Perylene-d12	15.12	264	462064	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	804079	63.45	ng	0.01
7) Phenol-d6	6.25	99	1027993	66.83	ng	0.01
23) Nitrobenzene-d5	7.17	82	601819	90.56	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	140430	1540.76	ng	0.08
45) 2-Fluorobiphenyl	9.01	172	495749	974.30	ng	0.05
79) Terphenyl-d14	12.72	244	922874	43.75	ng	0.04

Target Compounds

						Qvalue
18) Hexachloroethane	7.10	117	21995	3.847	ng	# 1
19) n-Nitroso-di-n-propylamine	7.05	70	98318	9.984	ng	# 68
22) Acetophenone	7.02	105	20880	2.231	ng	# 1
24) Nitrobenzene	7.19	77	62414	8.525	ng	# 48
25) Isophorone	7.44	82	239162	17.567	ng	# 1
26) 2-Nitrophenol	7.56	139	33595	9.291	ng	# 1
27) 2,4-Dimethylphenol	7.56	122	43042	7.271	ng	# 1
28) bis(2-Chloroethoxy)methane	7.66	93	18785	2.183	ng	# 1
29) 2,4-Dichlorophenol	7.77	162	41659	6.819	ng	# 1
31) Naphthalene	7.92	128	430195	21.437	ng	# 78
32) Benzoic acid	7.71	122	42709	10.107	ng	# 29
33) 4-Chloroaniline	7.96	127	50458	5.502	ng	# 1
35) Caprolactam	8.39	113	357625	174.109	ng	# 1
36) 4-Chloro-3-methylphenol	8.47	107	44130	7.133	ng	# 35
37) 2-Methylnaphthalene	8.66	142	2930435	216.572	ng	# 93
38) 1-Methylnaphthalene	8.75	142	2076282	160.666	ng	# 98
43) 2,4,6-Trichlorophenol	8.94	196	17463	92.613	ng	# 15
44) 2,4,5-Trichlorophenol	8.94	196	17558	90.421	ng	# 1
46) 1,1'-Biphenyl	9.04	154	5900	8.531	ng	# 1
47) 2-Chloronaphthalene	9.11	162	13364	23.823	ng	# 1
48) 2-Nitroaniline	9.16	65	33852	206.990	ng	# 37
49) Acenaphthylene	9.48	152	211300	241.762	ng	# 1
50) Dimethylphthalate	9.32	163	62278	97.939	ng	# 35
51) 2,6-Dinitrotoluene	9.42	165	36459	248.349	ng	# 71
52) Acenaphthene	9.67	154	14761	26.990	ng	# 1
53) 3-Nitroaniline	9.57	138	14122	78.827	ng	# 75
54) 2,4-Dinitrophenol	9.70	184	1229	22.119	ng	# 1
55) Dibenzofuran	9.86	168	78507	100.014	ng	# 58
56) 4-Nitrophenol	9.72	139	74162	516.356	ng	# 28
57) 2,4-Dinitrotoluene	9.85	165	49027	258.640	ng	# 62
58) Fluorene	10.20	166	97075	209.884	ng	# 1
59) 2,3,4,6-Tetrachlorophenol	9.97	232	869	5.337	ng	# 1
60) Diethylphthalate	10.07	149	25176	39.387	ng	# 1
61) 4-Chlorophenyl-phenylether	10.17	204	10616	42.343	ng	# 1

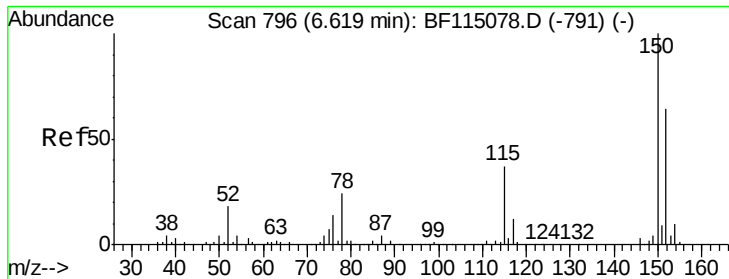
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070219\
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 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) 4-Nitroaniline	10.16	138	30802	171.385	ng	94
63) Azobenzene	10.34	77	96565	161.743	ng	# 33
65) 4,6-Dinitro-2-methylphenol	10.32	198	3914	7.150	ng	# 1
66) n-Nitrosodiphenylamine	10.30	169	752885	80.257	ng	90
69) Atrazine	10.88	200	10441	3.460	ng	# 1
71) Phenanthrene	11.20	178	1652505	101.930	ng	# 94
72) Anthracene	11.24	178	108185	6.611	ng	# 48
73) Carbazole	11.39	167	57325	3.923	ng	# 1
74) Di-n-butylphthalate	11.72	149	38207	2.263	ng	# 1
75) Fluoranthene	12.36	202	100310	6.201	ng	75

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

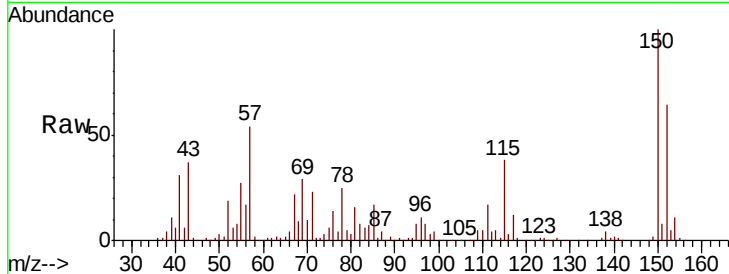


#1

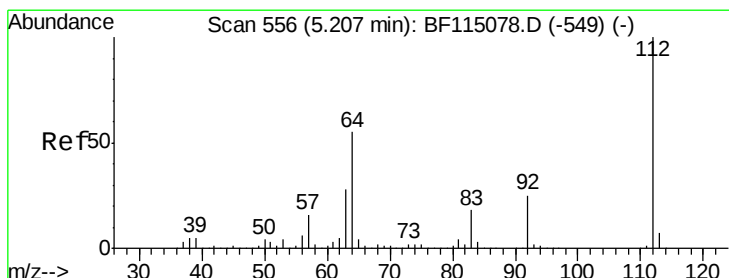
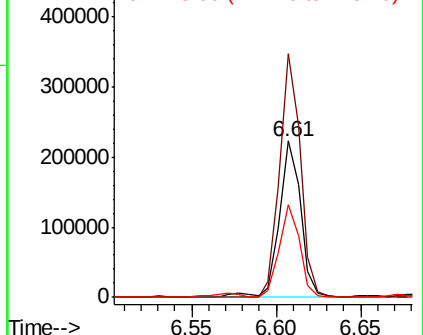
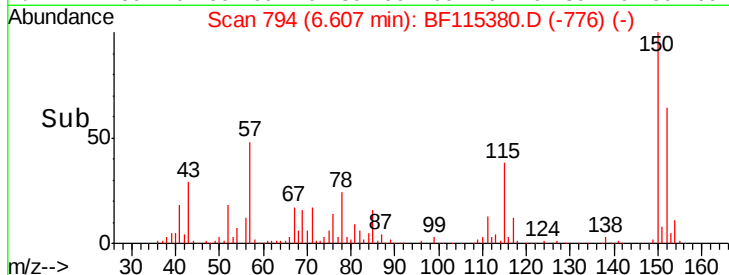
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

Instrument :
BNA_F
ClientSampleId :
PE-1A

Tgt Ion:152 Resp: 195566
Ion Ratio Lower Upper
152 100
150 155.8 124.2 186.2
115 59.6 46.1 69.1



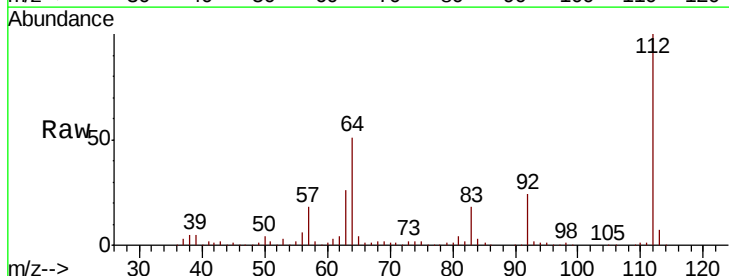
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



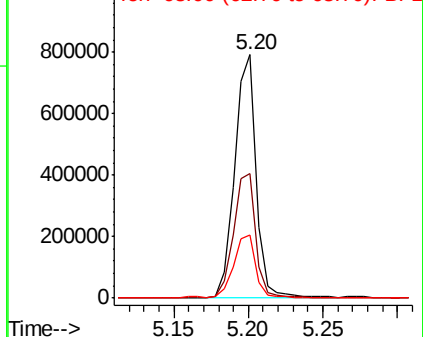
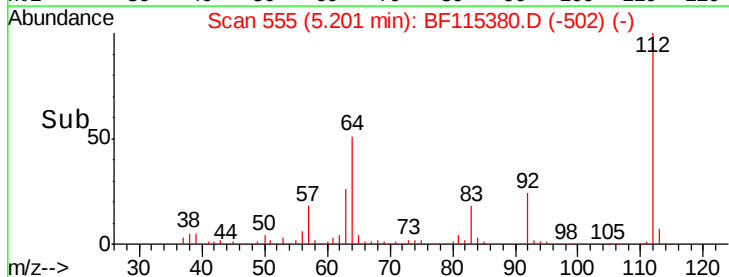
#5

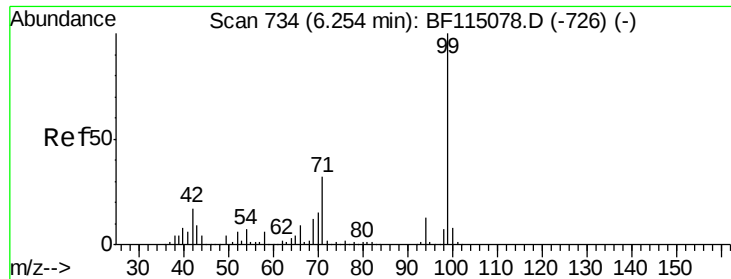
2-Fluorophenol
Concen: 63.448 ng
RT: 5.20 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

Tgt Ion:112 Resp: 804079
Ion Ratio Lower Upper
112 100
64 51.3 43.8 65.6
63 26.0 22.2 33.4



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





#7

Phenol-d6

Concen: 66.831 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF115380.D

Acq: 3 Jul 2019 00:27

Instrument :

BNA_F

ClientSampleId :

PE-1A

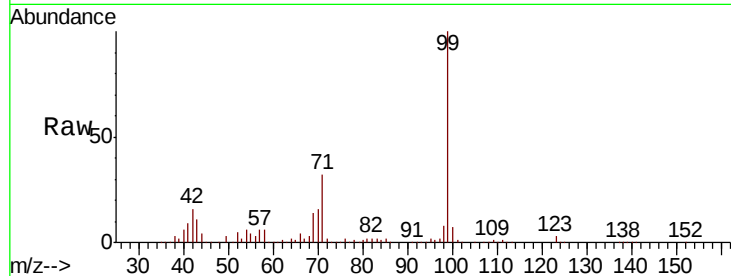
Tgt Ion: 99 Resp: 1027993

Ion Ratio Lower Upper

99 100

42 15.8 13.6 20.4

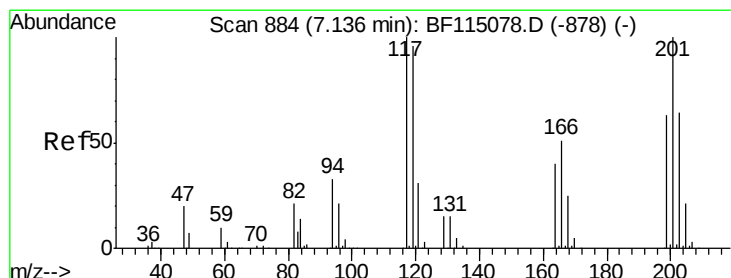
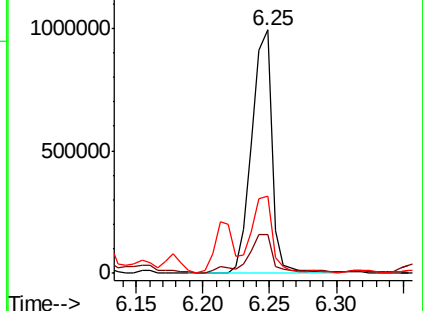
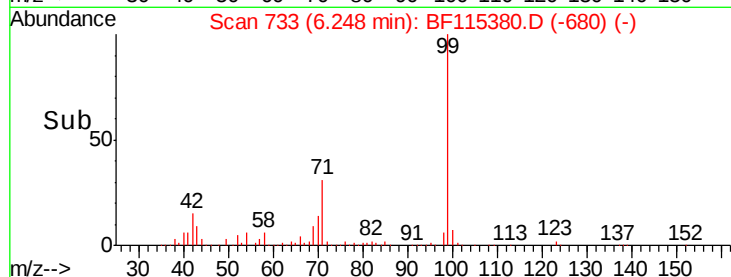
71 31.7 25.5 38.3



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



#18

Hexachloroethane

Concen: 3.847 ng

RT: 7.10 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF115380.D

Acq: 3 Jul 2019 00:27

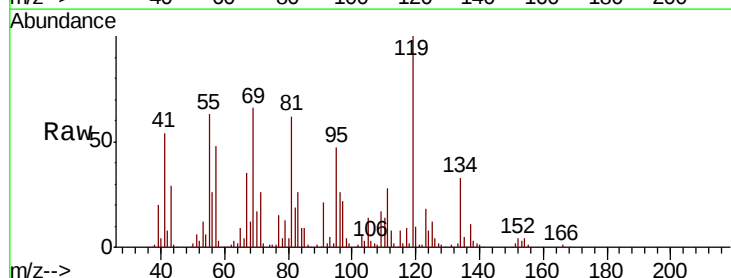
Tgt Ion: 117 Resp: 21995

Ion Ratio Lower Upper

117 100

119 1108.2 76.6 114.8#

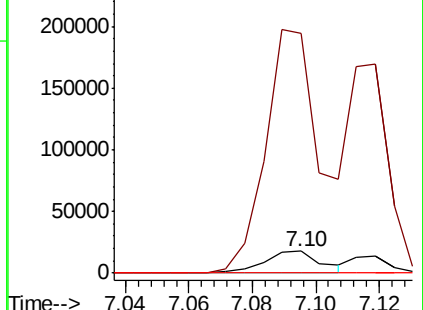
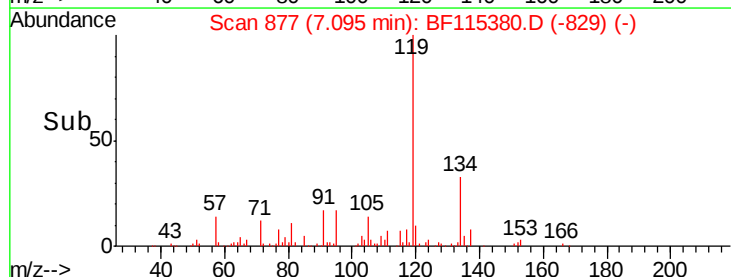
201 0.0 80.2 120.2#

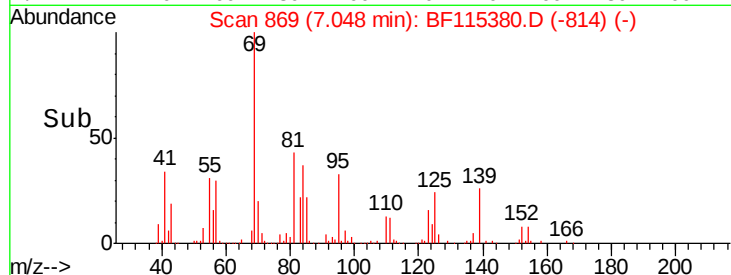
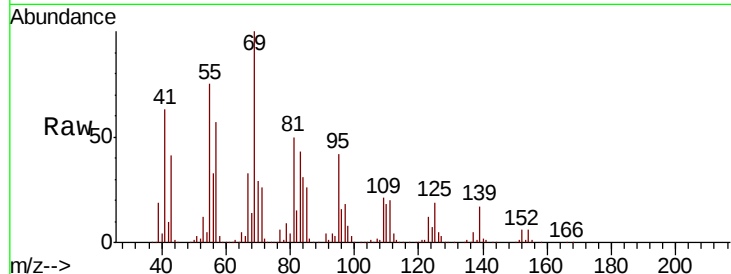
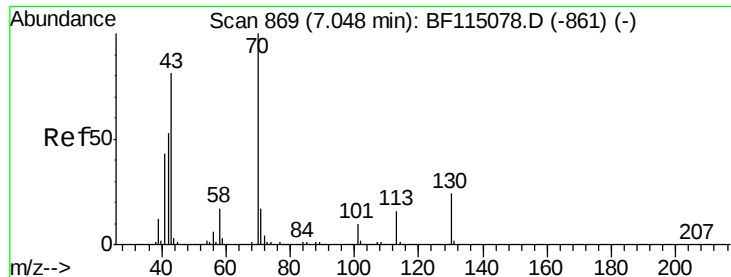


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

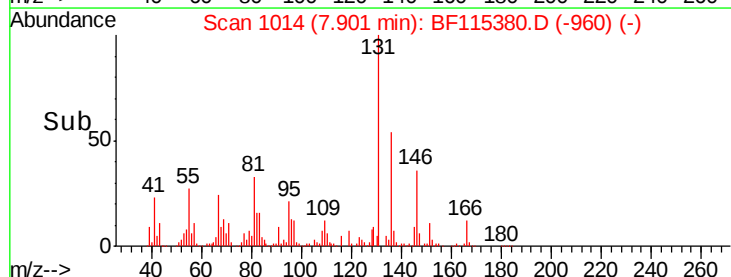
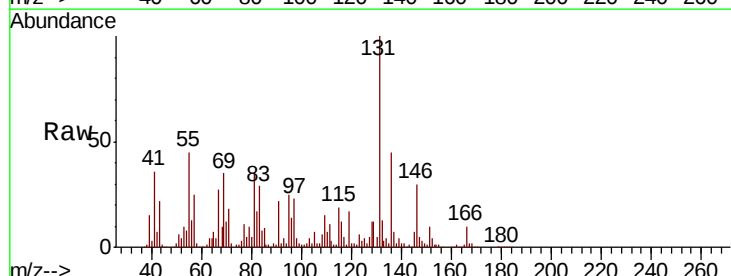
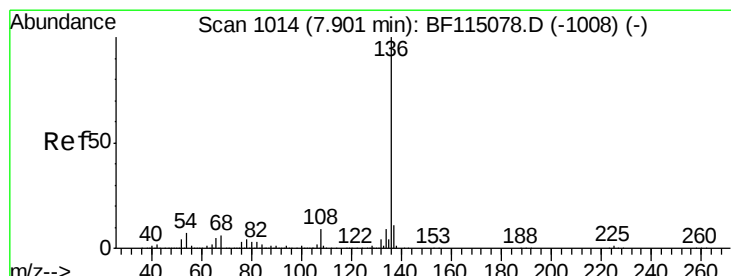
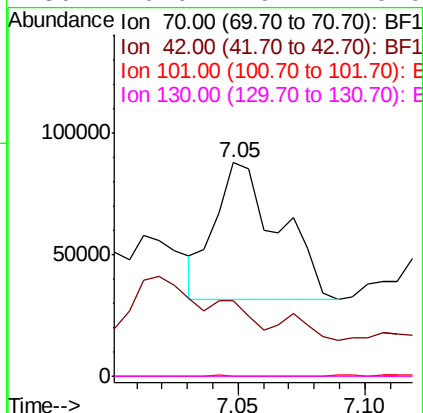




#19
n-Nitroso-di-n-propylamine
Concen: 9.984 ng
RT: 7.05 min Scan# 869
Delta R.T. 0.02 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

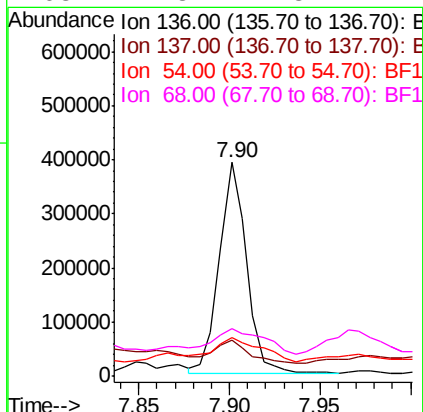
Instrument :
BNA_F
ClientSampleId :
PE-1A

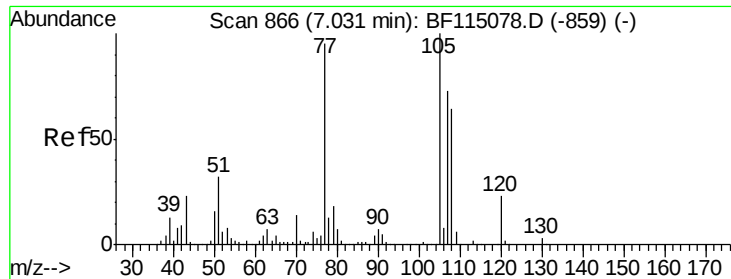
Tgt Ion: 70 Resp: 98318
Ion Ratio Lower Upper
70 100
42 35.3 42.6 63.8#
101 0.0 8.0 12.0#
130 0.0 19.4 29.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1014
Delta R.T. 0.02 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

Tgt Ion: 136 Resp: 408823
Ion Ratio Lower Upper
136 100
137 16.6 8.9 13.3#
54 18.2 5.6 8.4#
68 22.3 4.8 7.2#





#22

Acetophenone

Concen: 2.231 ng

RT: 7.02 min Scan# 864

Delta R.T. 0.01 min

Lab File: BF115380.D

Acq: 3 Jul 2019 00:27

Instrument :

BNA_F

ClientSampleId :

PE-1A

Tgt Ion:105 Resp: 20880

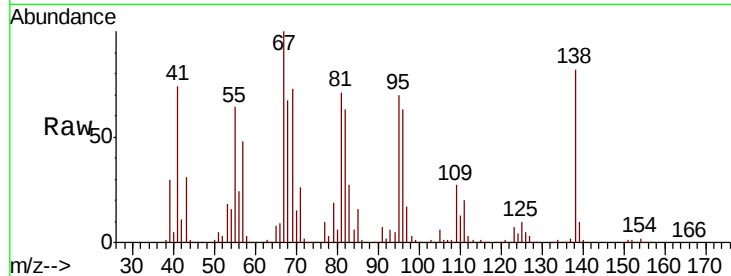
Ion Ratio Lower Upper

105 100

71 438.6 1.9 2.9#

51 81.9 25.8 38.8#

120 2.1 18.5 27.7#



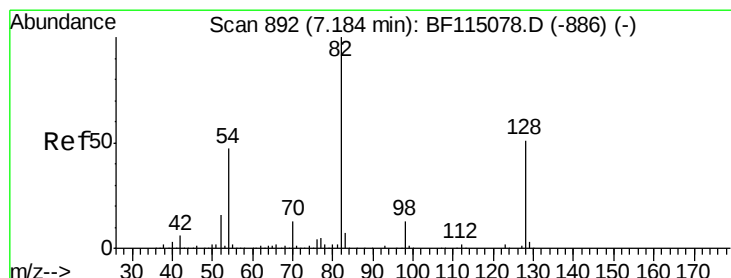
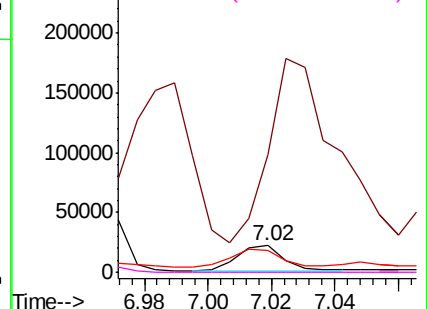
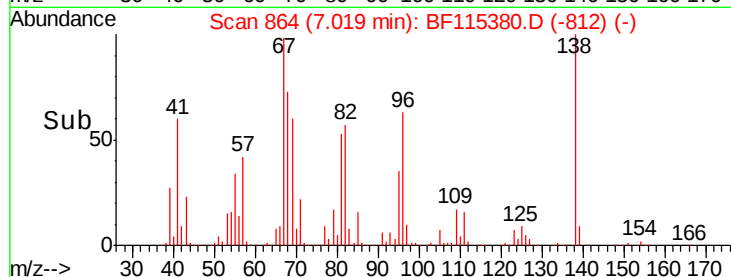
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 90.555 ng

RT: 7.17 min Scan# 890

Delta R.T. 0.01 min

Lab File: BF115380.D

Acq: 3 Jul 2019 00:27

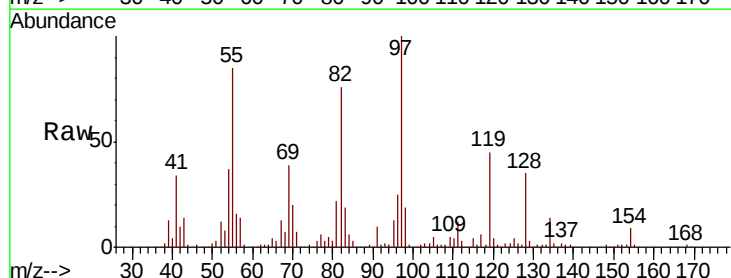
Tgt Ion: 82 Resp: 601819

Ion Ratio Lower Upper

82 100

128 46.1 40.4 60.6

54 48.6 37.5 56.3

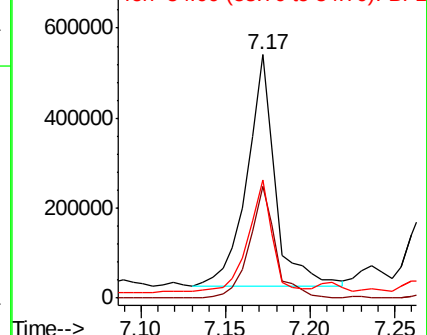
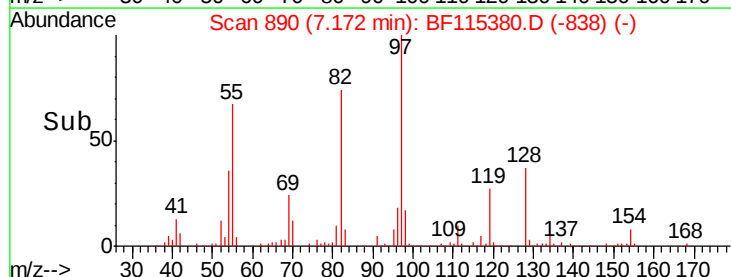


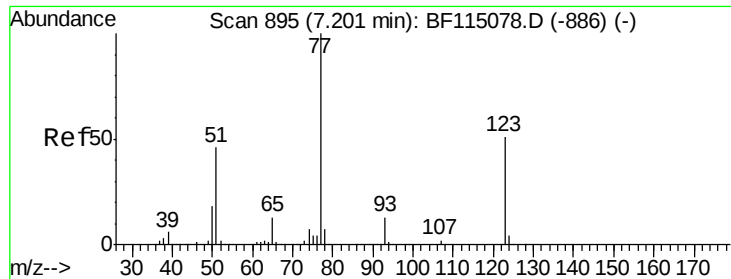
Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

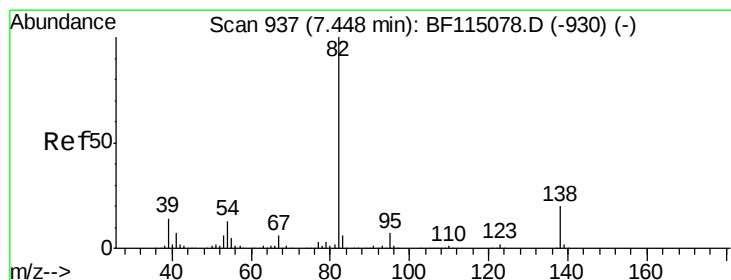
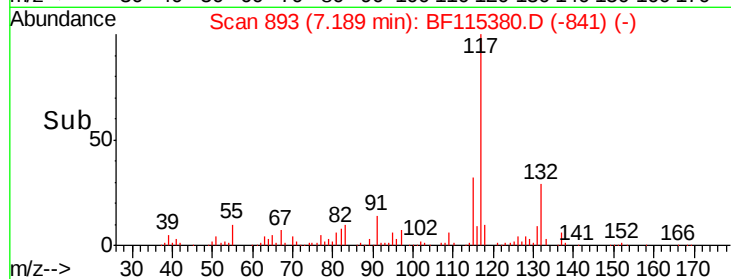
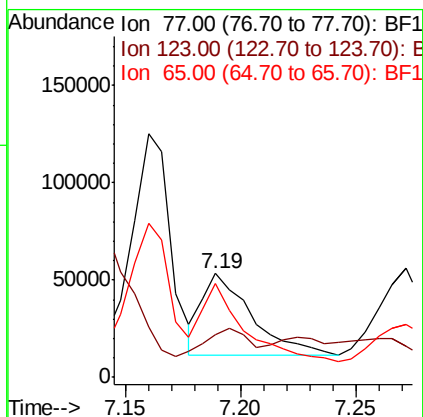
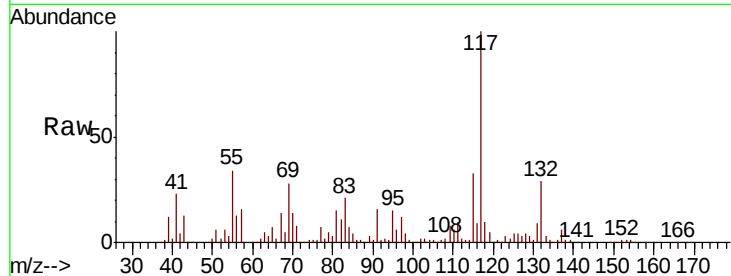




#24
 Nitrobenzene
 Concen: 8.525 ng
 RT: 7.19 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: BF115380.D
 Acq: 3 Jul 2019 00:27

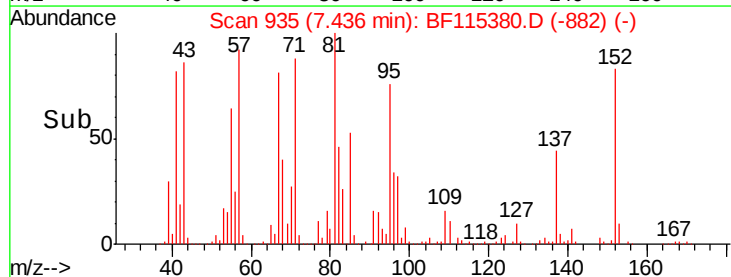
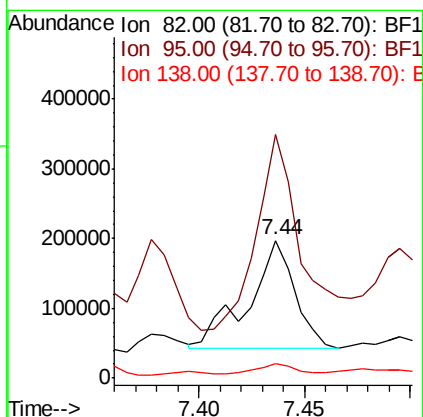
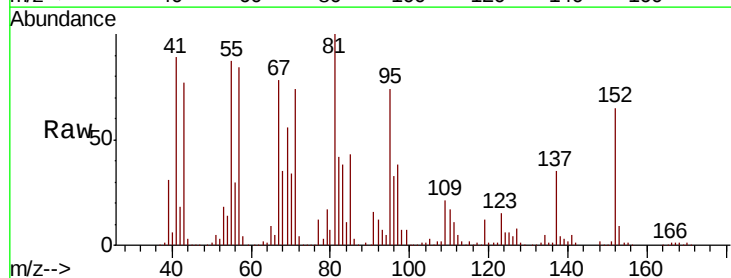
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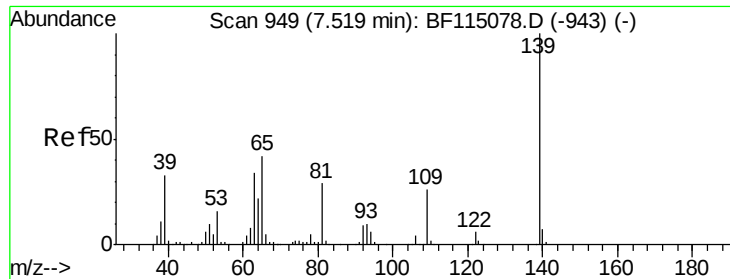
Tgt Ion: 77 Resp: 62414
 Ion Ratio Lower Upper
 77 100
 123 40.8 41.0 61.6#
 65 90.9 10.5 15.7#



#25
 Isophorone
 Concen: 17.567 ng
 RT: 7.44 min Scan# 935
 Delta R.T. 0.01 min
 Lab File: BF115380.D
 Acq: 3 Jul 2019 00:27

Tgt Ion: 82 Resp: 239162
 Ion Ratio Lower Upper
 82 100
 95 176.7 5.4 8.2#
 138 10.2 15.9 23.9#





#26

2-Nitrophenol

Concen: 9.291 ng

RT: 7.56 min Scan# 956

Delta R.T. 0.06 min

Lab File: BF115380.D

Acq: 3 Jul 2019 00:27

Instrument :

BNA_F

ClientSampleId :

PE-1A

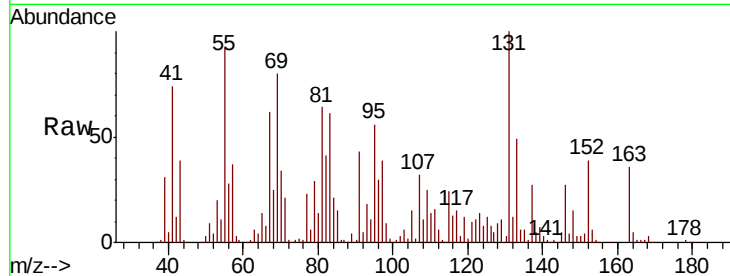
Tgt Ion:139 Resp: 33595

Ion Ratio Lower Upper

139 100

109 349.6 20.4 30.6#

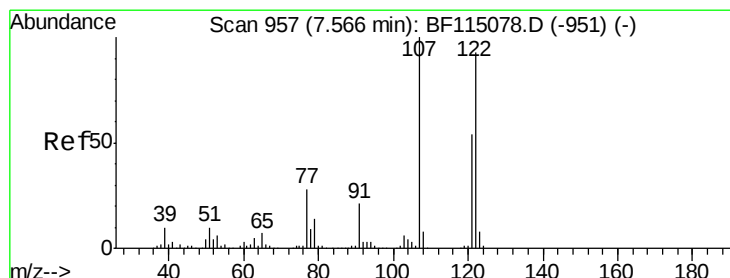
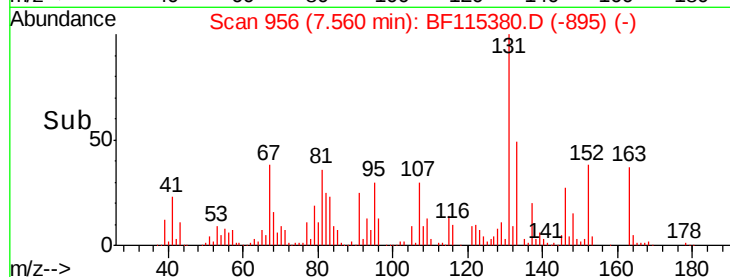
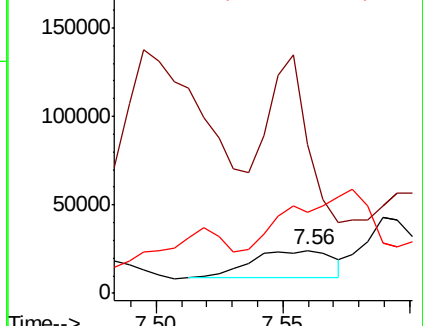
65 190.1 33.6 50.4#



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: 7.271 ng

RT: 7.56 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF115380.D

Acq: 3 Jul 2019 00:27

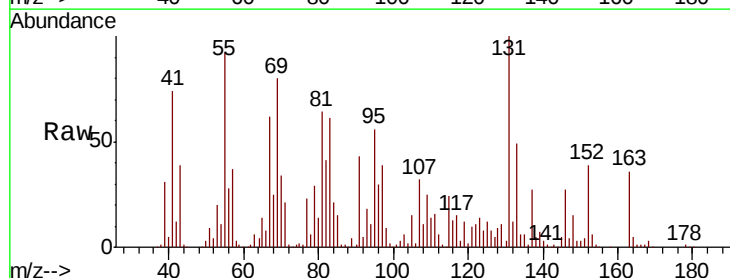
Tgt Ion:122 Resp: 43042

Ion Ratio Lower Upper

122 100

107 300.4 85.8 128.6#

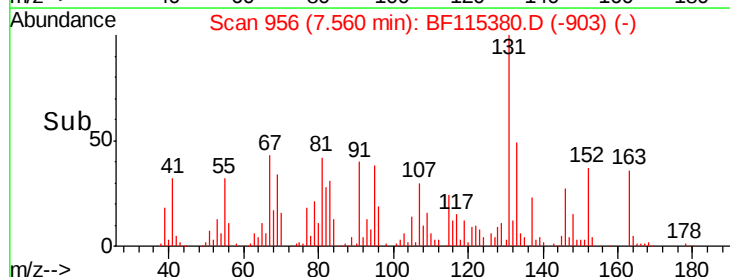
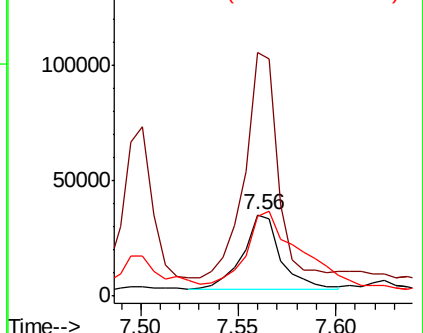
121 97.9 46.3 69.5#

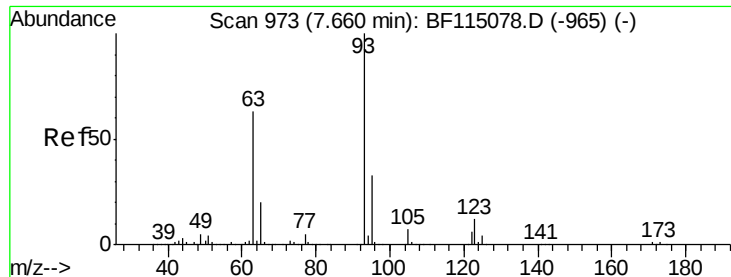


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

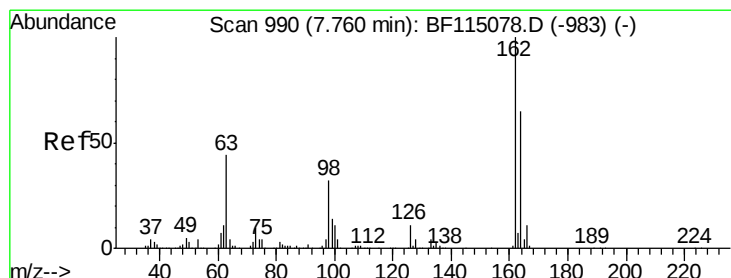
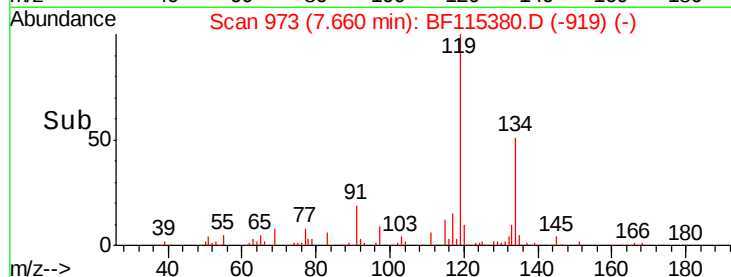
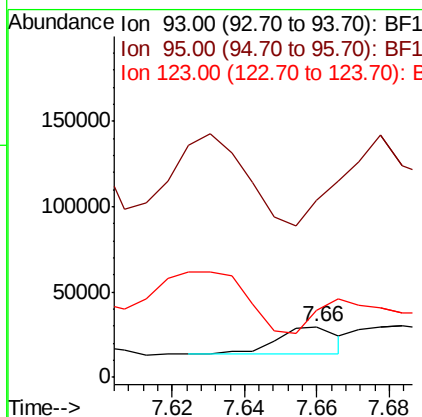
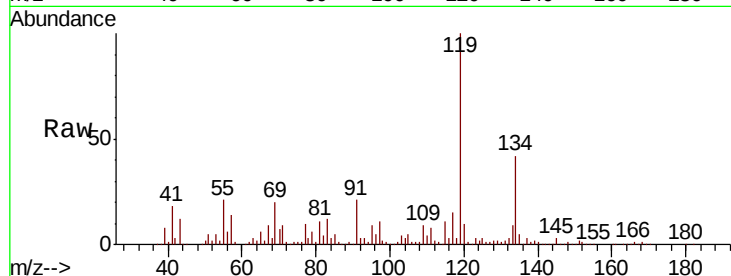




#28
bis(2-Chloroethoxy)methane
Concen: 2.183 ng
RT: 7.66 min Scan# 973
Delta R.T. 0.02 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

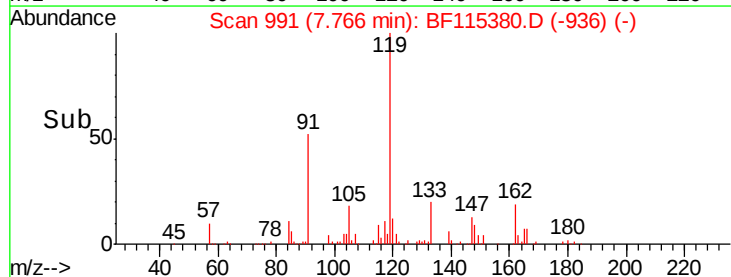
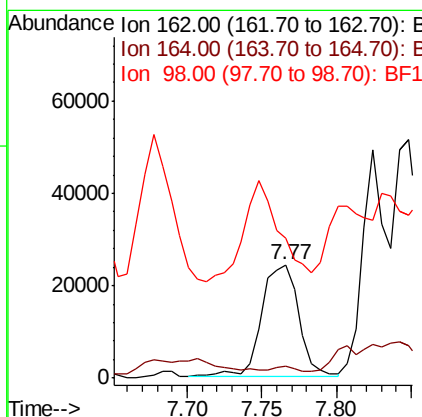
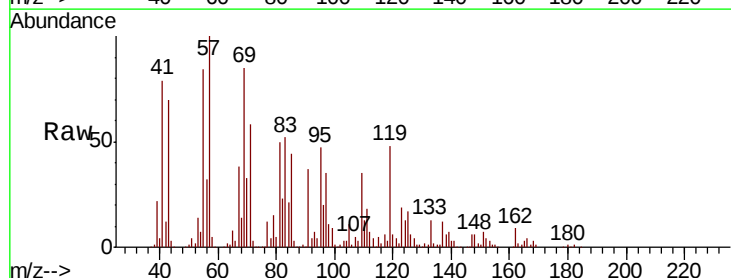
Instrument :
BNA_F
ClientSampleId :
PE-1A

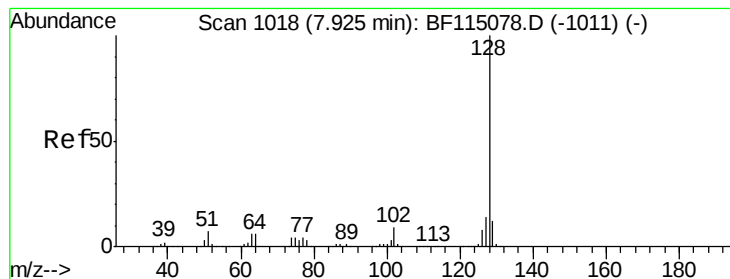
Tgt Ion: 93 Resp: 18785
Ion Ratio Lower Upper
93 100
95 349.9 26.2 39.4#
123 131.8 9.7 14.5#



#29
2,4-Dichlorophenol
Concen: 6.819 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.02 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

Tgt Ion: 162 Resp: 41659
Ion Ratio Lower Upper
162 100
164 10.3 45.3 85.3#
98 123.6 12.5 52.5#





#31

Naphthalene

Concen: 21.437 ng

RT: 7.92 min Scan# 1018

Delta R.T. 0.02 min

Lab File: BF115380.D

Acq: 3 Jul 2019 00:27

Instrument :

BNA_F

ClientSampleId :

PE-1A

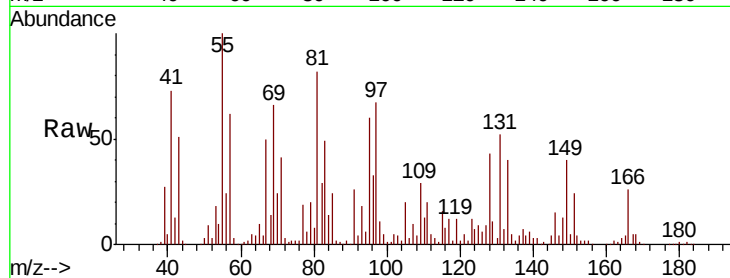
Tgt Ion:128 Resp: 430195

Ion Ratio Lower Upper

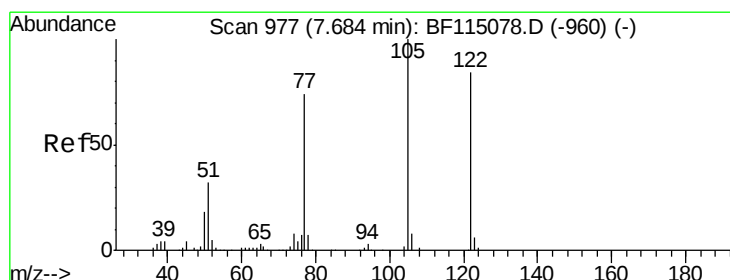
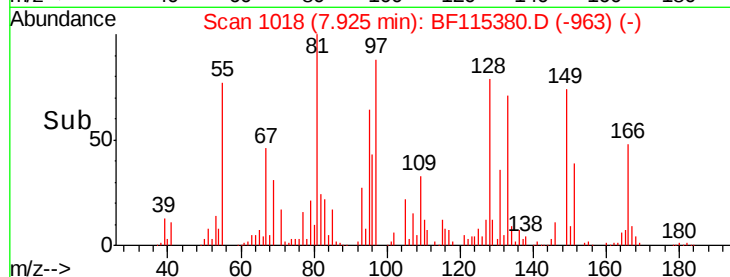
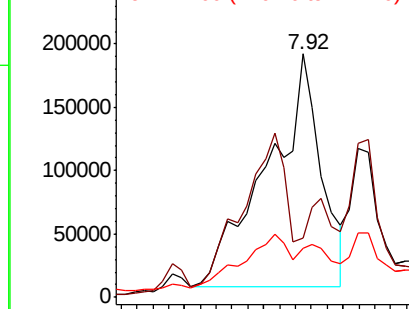
128 100

129 24.2 9.6 14.4#

127 20.3 11.4 17.0#



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: 10.107 ng

RT: 7.71 min Scan# 981

Delta R.T. 0.04 min

Lab File: BF115380.D

Acq: 3 Jul 2019 00:27

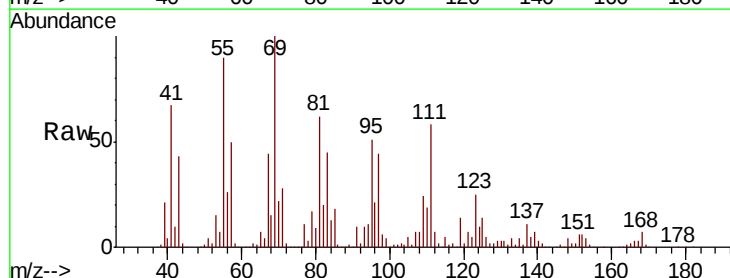
Tgt Ion:122 Resp: 42709

Ion Ratio Lower Upper

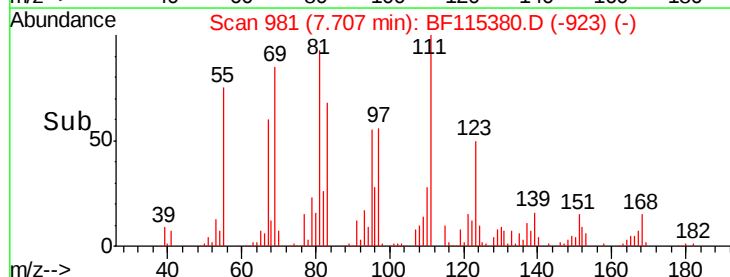
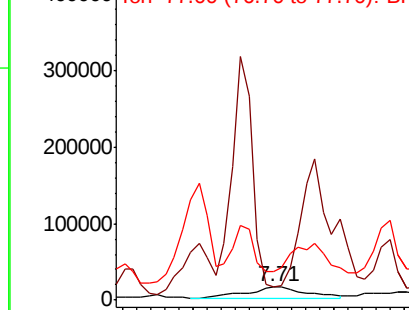
122 100

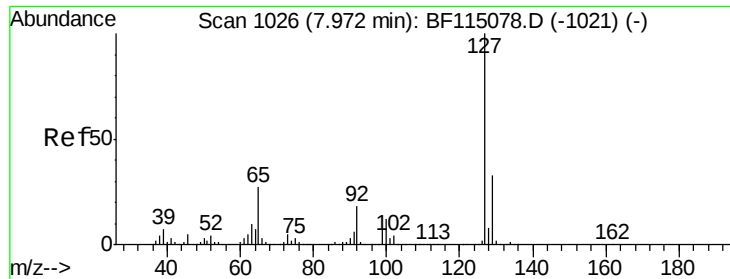
105 94.9 98.2 138.2#

77 215.7 67.0 107.0#



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

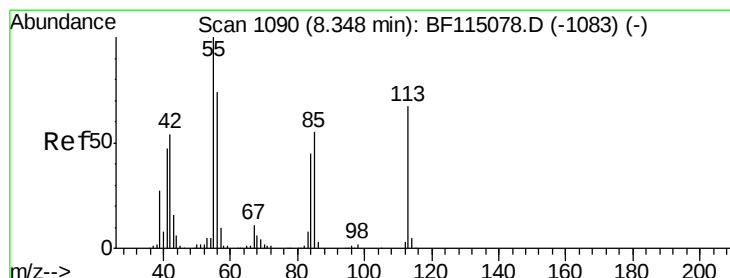
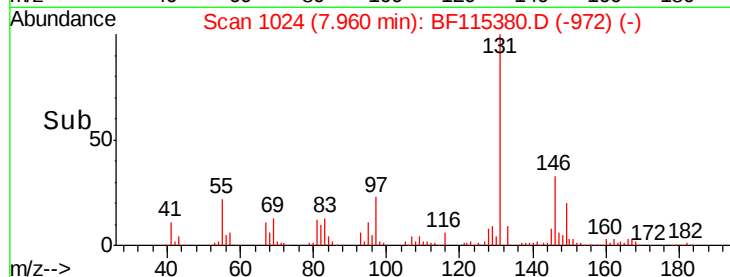
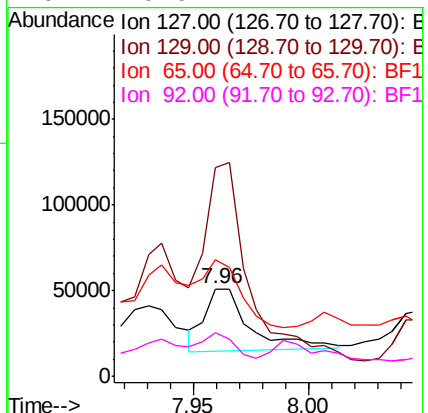
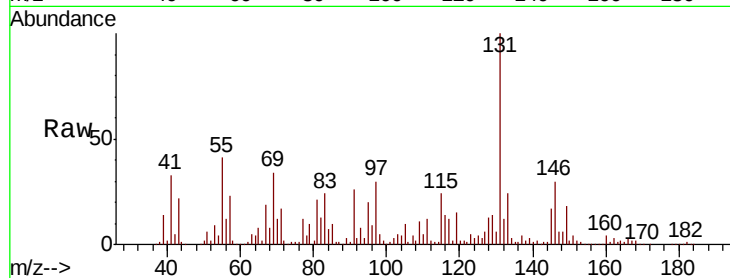




#33
4-Chloroaniline
Concen: 5.502 ng
RT: 7.96 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

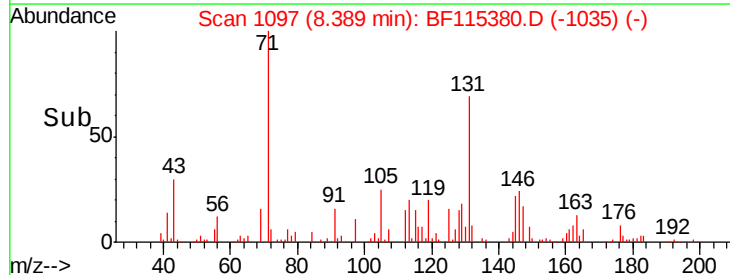
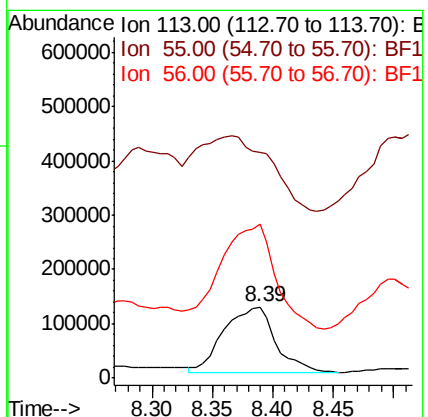
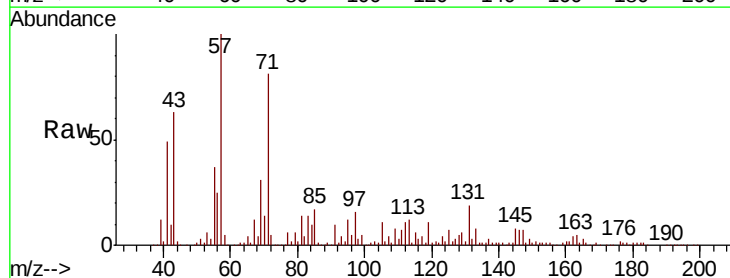
Instrument :
BNA_F
ClientSampleId :
PE-1A

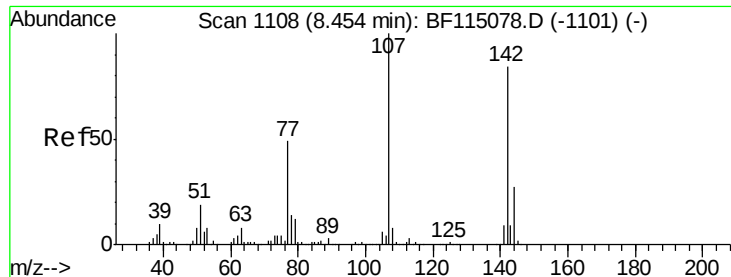
Tgt Ion:	127	Resp:	50458
Ion	Ratio	Lower	Upper
127	100		
129	237.8	26.1	39.1#
65	133.0	21.4	32.2#
92	49.9	14.1	21.1#



#35
Caprolactam
Concen: 174.109 ng
RT: 8.39 min Scan# 1097
Delta R.T. 0.06 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

Tgt Ion:	113	Resp:	357625
Ion	Ratio	Lower	Upper
113	100		
55	316.4	130.2	170.2#
56	215.0	91.6	131.6#

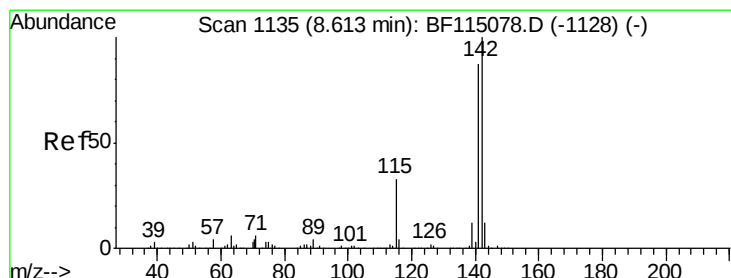
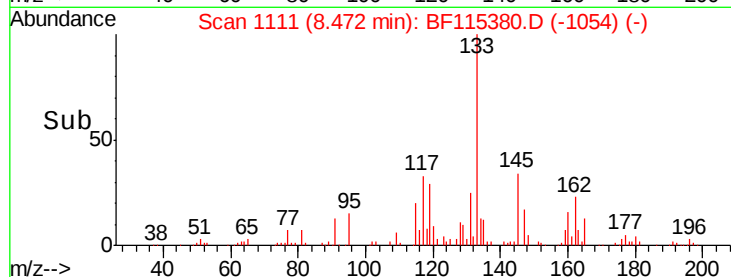
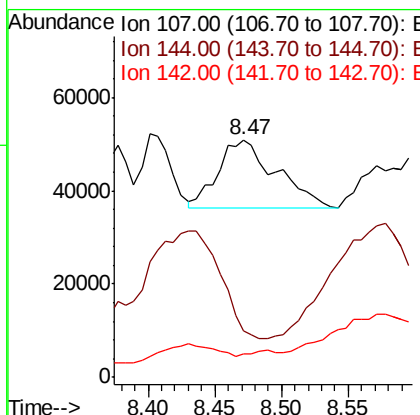
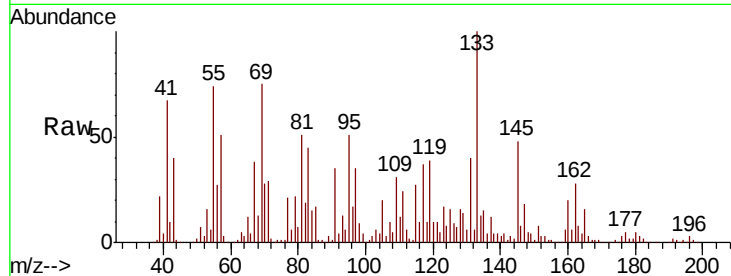




#36
 4-Chloro-3-methylphenol
 Concen: 7.133 ng
 RT: 8.47 min Scan# 1111
 Delta R.T. 0.04 min
 Lab File: BF115380.D
 Acq: 3 Jul 2019 00:27

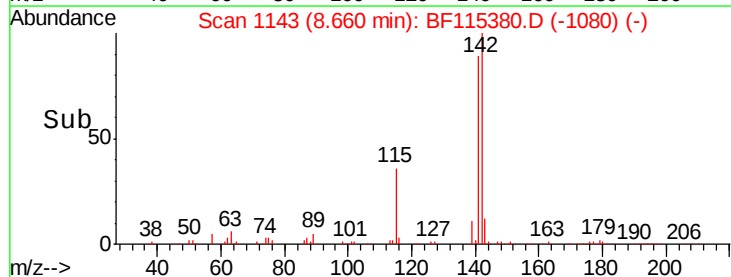
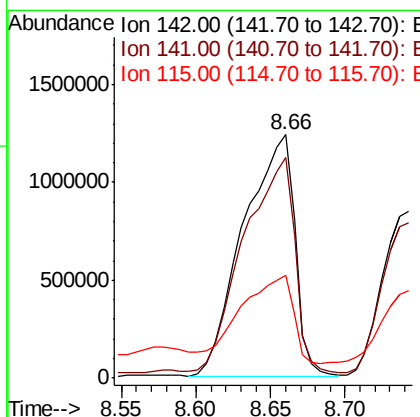
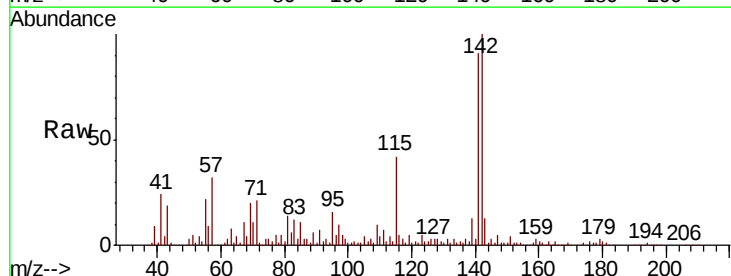
Instrument :
 BNA_F
 ClientSampleId :
 PE-1A

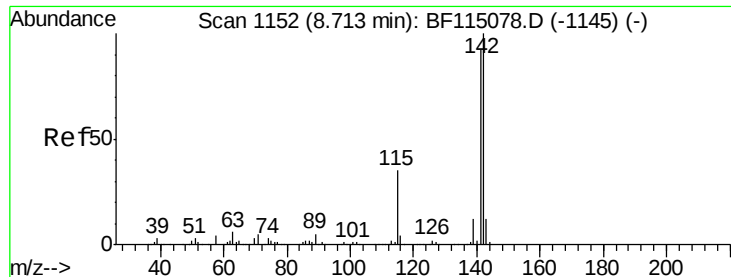
Tgt Ion:107 Resp: 44130
 Ion Ratio Lower Upper
 107 100
 144 19.5 21.7 32.5#
 142 10.1 67.0 100.4#



#37
 2-Methylnaphthalene
 Concen: 216.572 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. 0.07 min
 Lab File: BF115380.D
 Acq: 3 Jul 2019 00:27

Tgt Ion:142 Resp: 2930435
 Ion Ratio Lower Upper
 142 100
 141 90.6 69.8 104.6
 115 42.2 26.7 40.1#

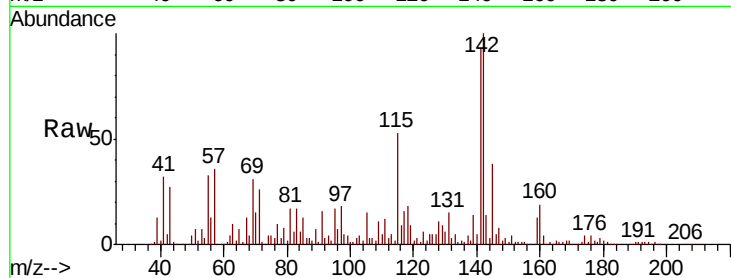




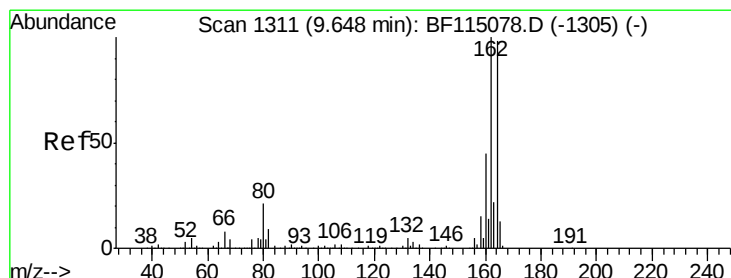
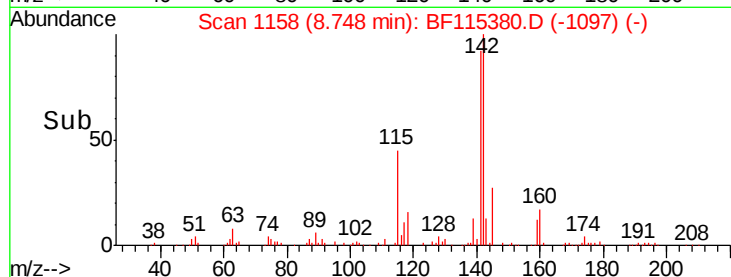
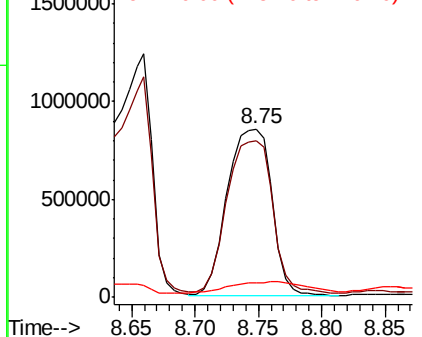
#38
1-Methylnaphthalene
Concen: 160.666 ng
RT: 8.75 min Scan# 1158
Delta R.T. 0.06 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

Instrument :
BNA_F
ClientSampleId :
PE-1A

Tgt Ion:142 Resp: 2076282
Ion Ratio Lower Upper
142 100
141 93.3 73.8 110.8
116 8.6 2.8 4.2#

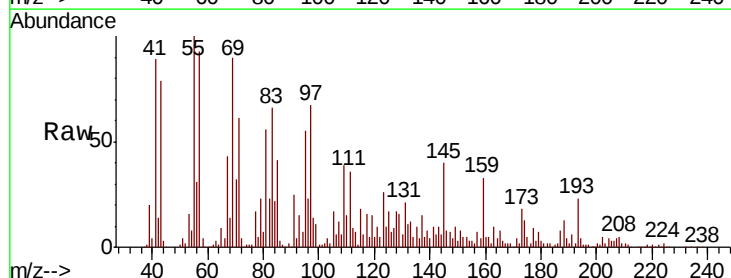


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

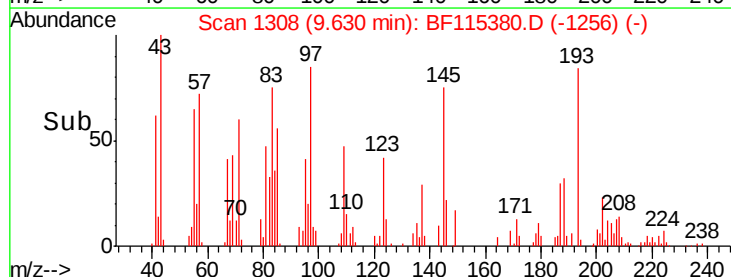
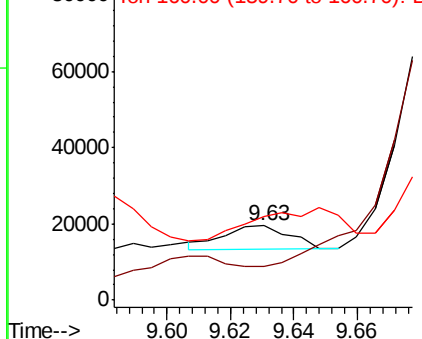


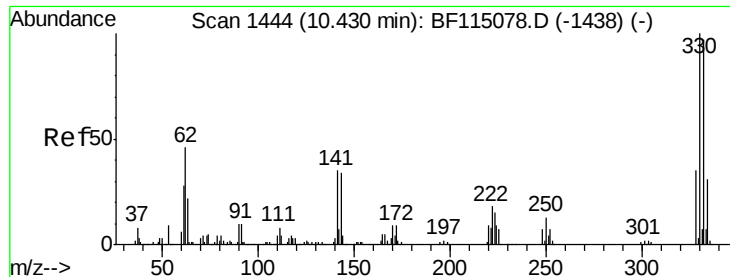
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

Tgt Ion:164 Resp: 8643
Ion Ratio Lower Upper
164 100
162 44.8 81.7 122.5#
160 112.9 37.0 55.4#



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

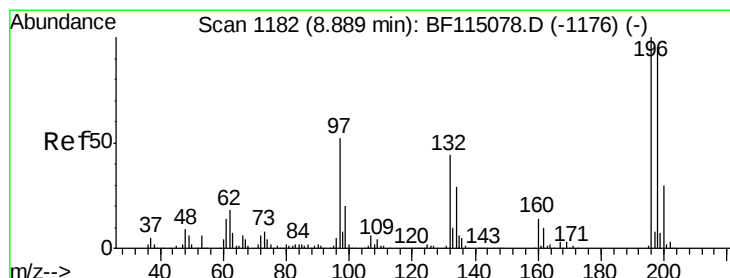
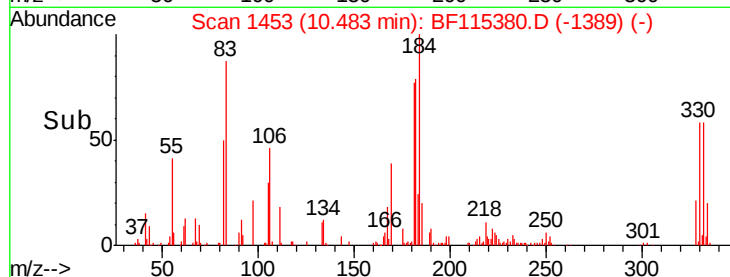
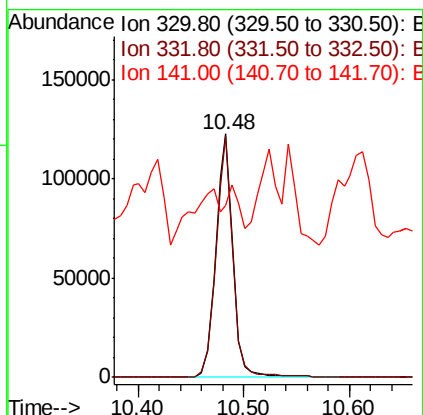
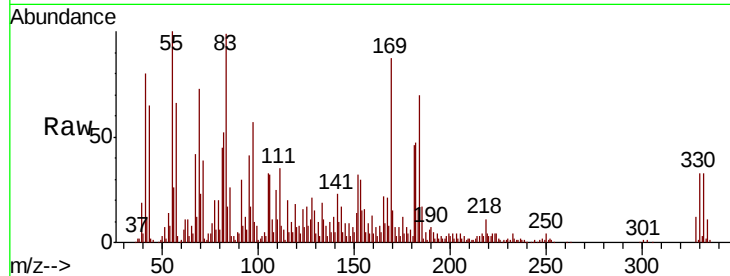




#42
 2,4,6-Tribromophenol
 Concen: 1540.757 ng
 RT: 10.48 min Scan# 1453
 Delta R.T. 0.08 min
 Lab File: BF115380.D
 Acq: 3 Jul 2019 00:27

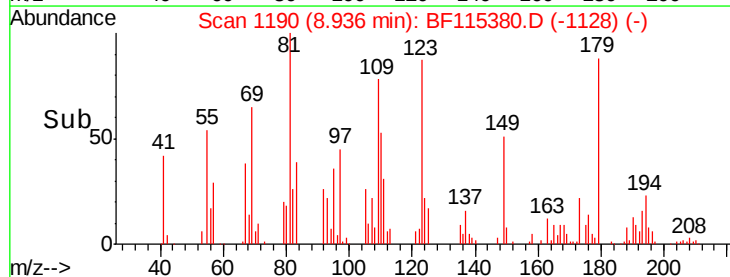
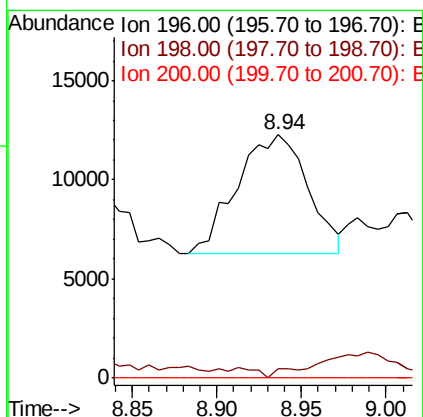
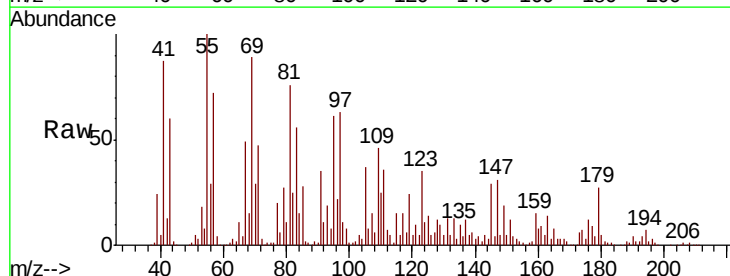
Instrument :
 BNA_F
 ClientSampled :
 PE-1A

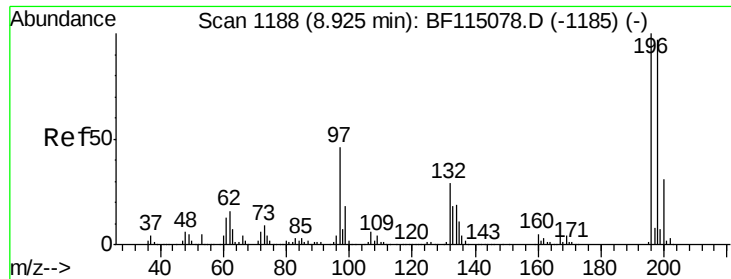
Tgt Ion:330 Resp: 140430
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.3 115.9
 141 20.9 28.2 42.2#



#43
 2,4,6-Trichlorophenol
 Concen: 92.613 ng
 RT: 8.94 min Scan# 1190
 Delta R.T. 0.06 min
 Lab File: BF115380.D
 Acq: 3 Jul 2019 00:27

Tgt Ion:196 Resp: 17463
 Ion Ratio Lower Upper
 196 100
 198 3.6 76.3 114.5#
 200 0.0 24.2 36.4#

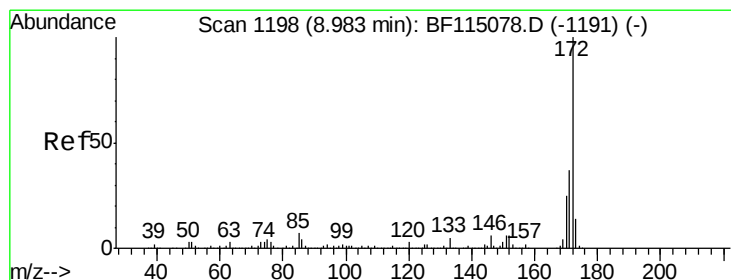
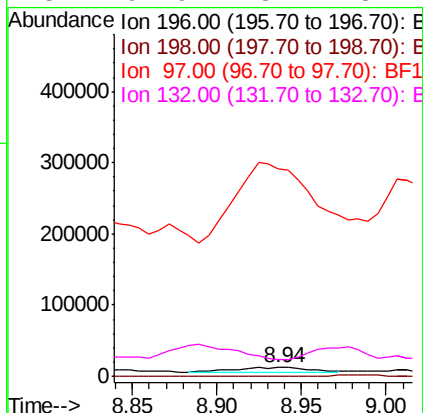
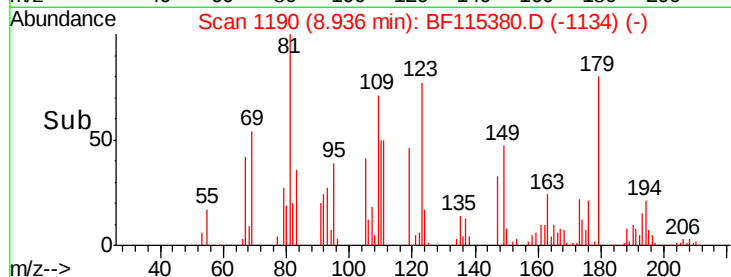
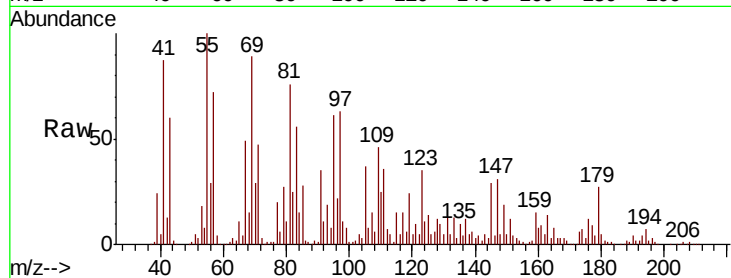




#44
2,4,5-Trichlorophenol
Concen: 90.421 ng
RT: 8.94 min Scan# 1190
Delta R.T. 0.03 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

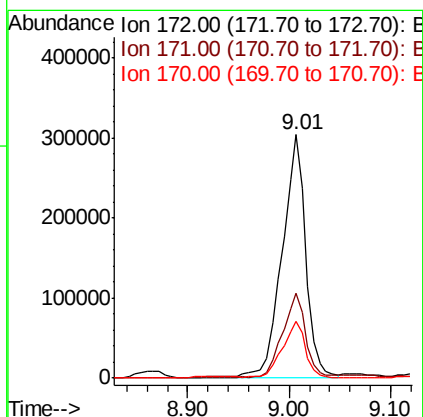
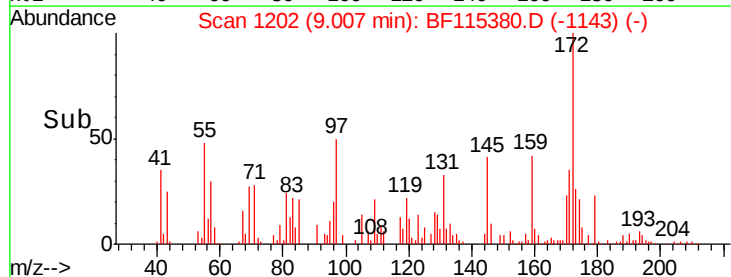
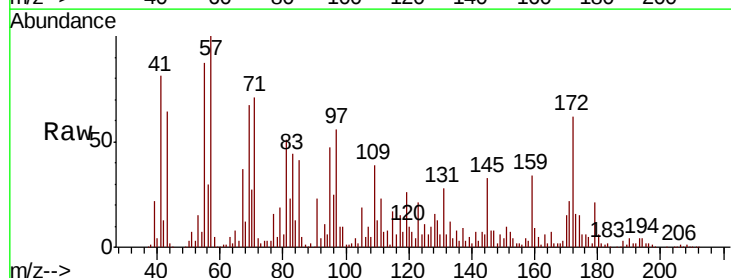
Instrument :
BNA_F
ClientSampleId :
PE-1A

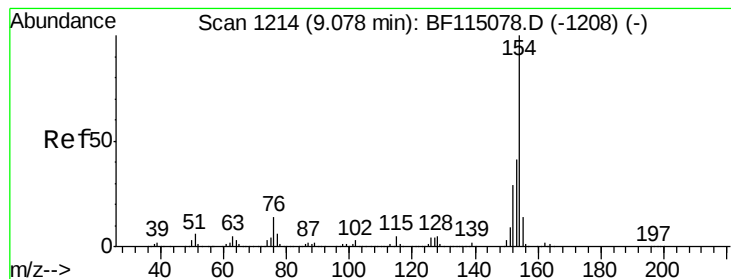
Tgt Ion:196 Resp: 17558
Ion Ratio Lower Upper
196 100
198 3.6 77.1 115.7#
97 2373.9 37.7 56.5#
132 191.9 23.1 34.7#



#45
2-Fluorobiphenyl
Concen: 974.303 ng
RT: 9.01 min Scan# 1202
Delta R.T. 0.05 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

Tgt Ion:172 Resp: 495749
Ion Ratio Lower Upper
172 100
171 34.9 29.8 44.6
170 23.5 20.3 30.5





#46

1,1'-Biphenyl

Concen: 8.531 ng

RT: 9.04 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF115380.D

Acq: 3 Jul 2019 00:27

Instrument :

BNA_F

ClientSampleId :

PE-1A

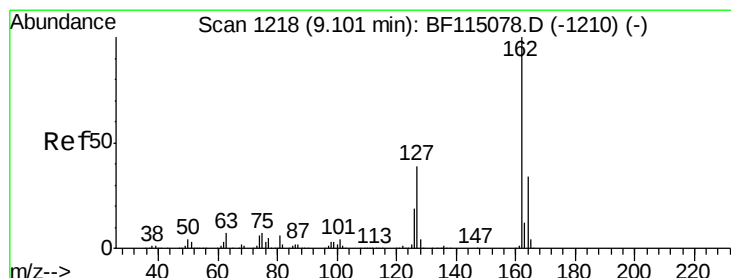
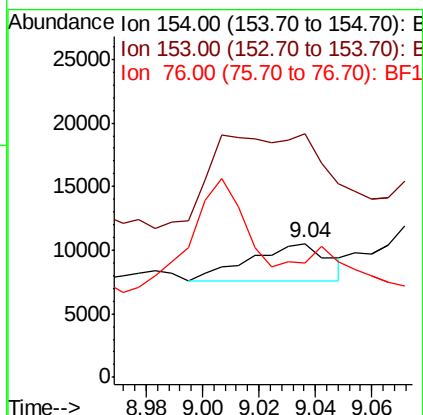
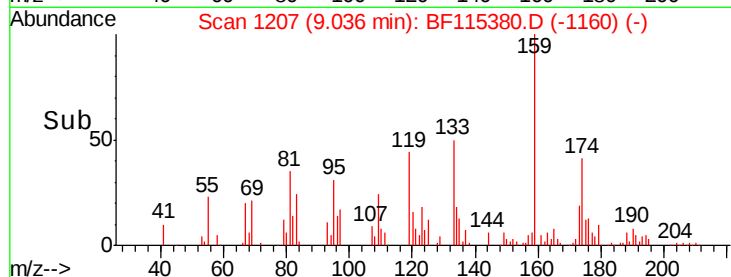
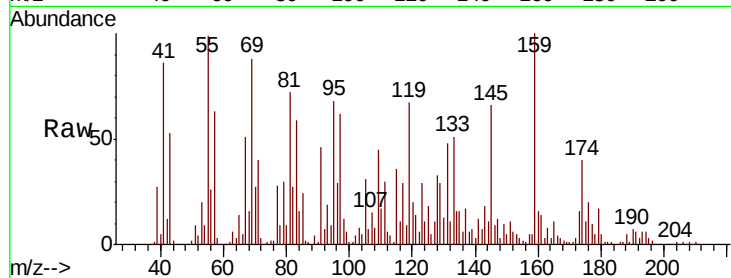
Tgt Ion:154 Resp: 5900

Ion Ratio Lower Upper

154 100

153 182.4 20.9 60.9#

76 85.8 0.0 34.1#



#47

2-Chloronaphthalene

Concen: 23.823 ng

RT: 9.11 min Scan# 1220

Delta R.T. 0.04 min

Lab File: BF115380.D

Acq: 3 Jul 2019 00:27

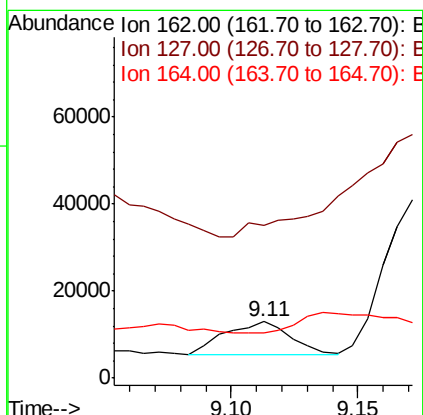
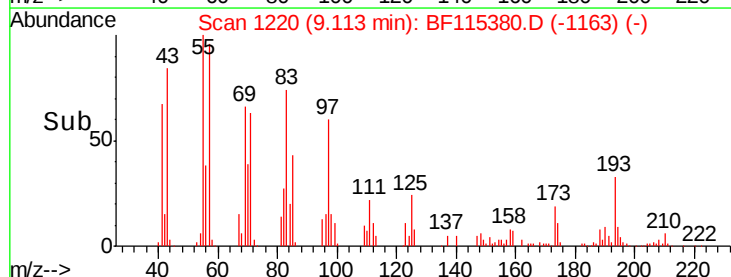
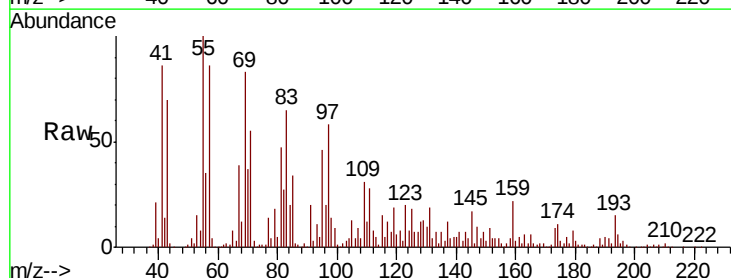
Tgt Ion:162 Resp: 13364

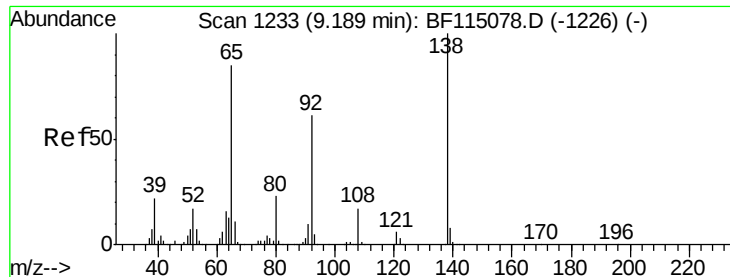
Ion Ratio Lower Upper

162 100

127 270.4 30.8 46.2#

164 79.1 27.0 40.4#

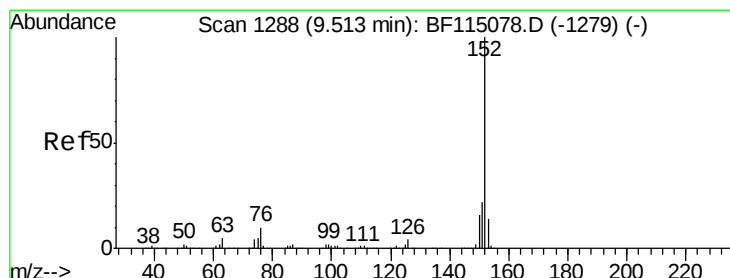
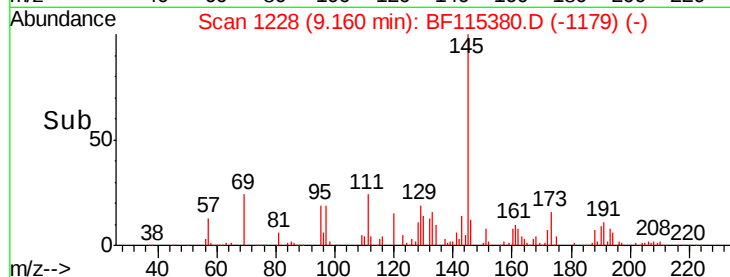
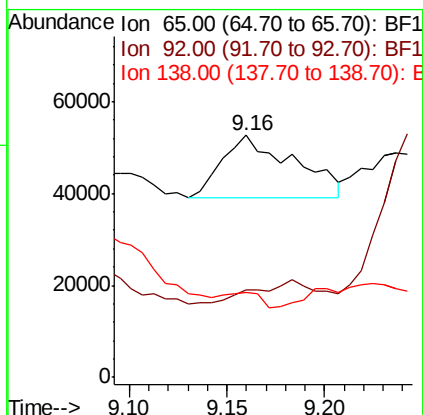
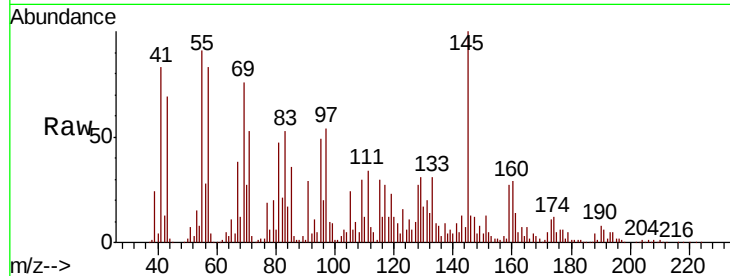




#48
2-Nitroaniline
Concen: 206.990 ng
RT: 9.16 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

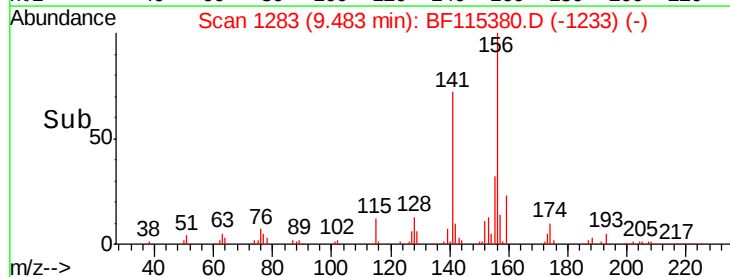
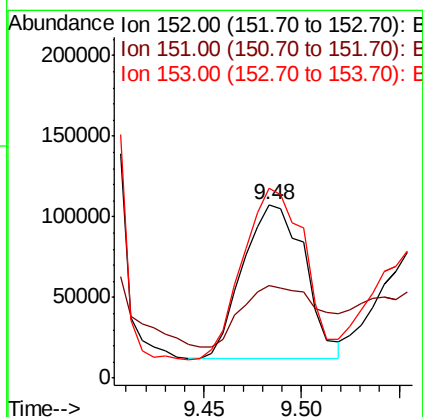
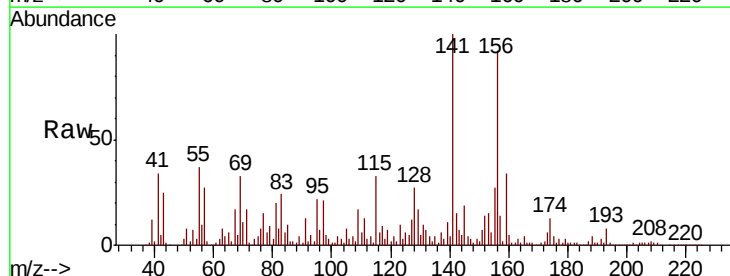
Instrument :
BNA_F
ClientSampleId :
PE-1A

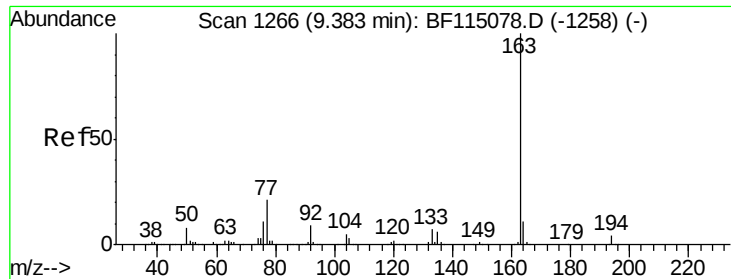
Tgt Ion: 65 Resp: 33852
Ion Ratio Lower Upper
65 100
92 36.2 57.4 86.2#
138 35.0 94.1 141.1#



#49
Acenaphthylene
Concen: 241.762 ng
RT: 9.48 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

Tgt Ion: 152 Resp: 211300
Ion Ratio Lower Upper
152 100
151 53.3 17.2 25.8#
153 109.2 11.0 16.6#

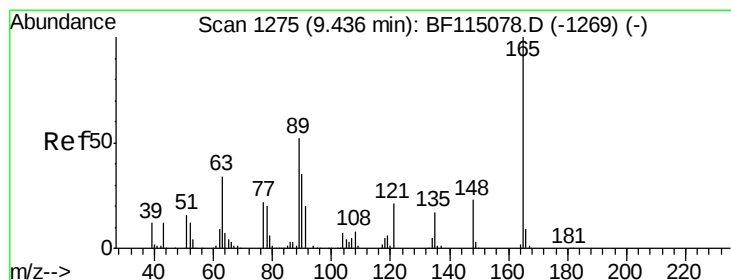
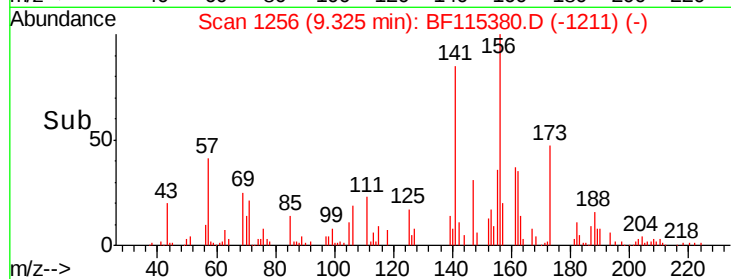
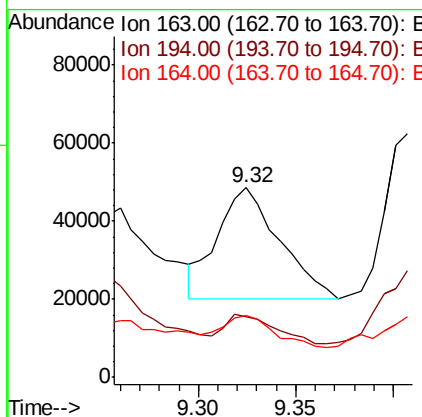
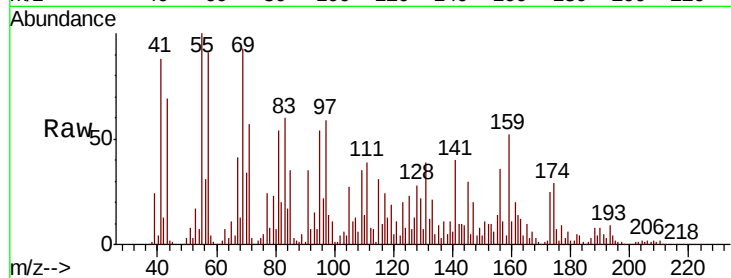




#50
Dimethylphthalate
Concen: 97.939 ng
RT: 9.32 min Scan# 1256
Delta R.T. -0.04 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

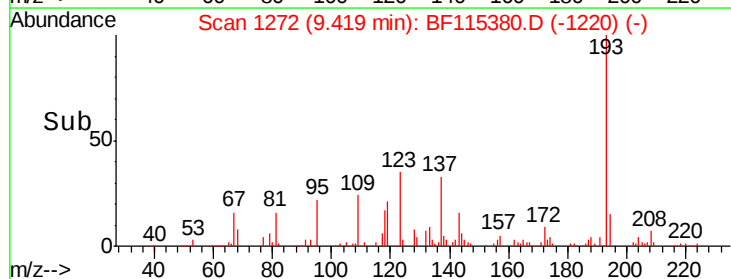
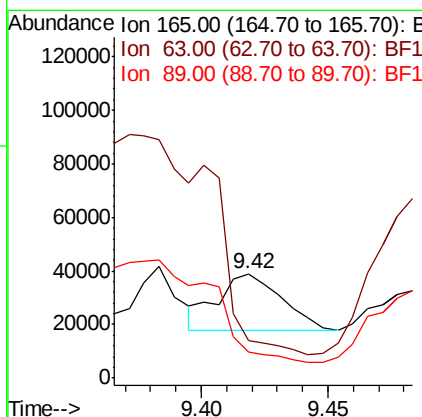
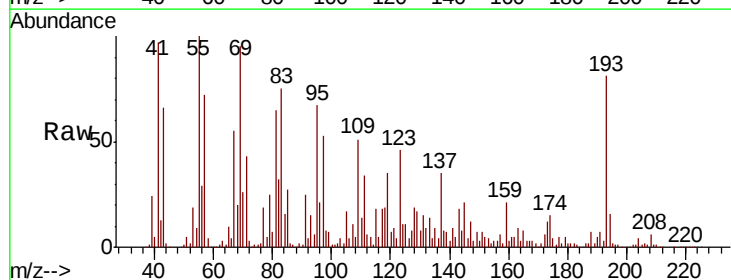
Instrument :
BNA_F
ClientSampleId :
PE-1A

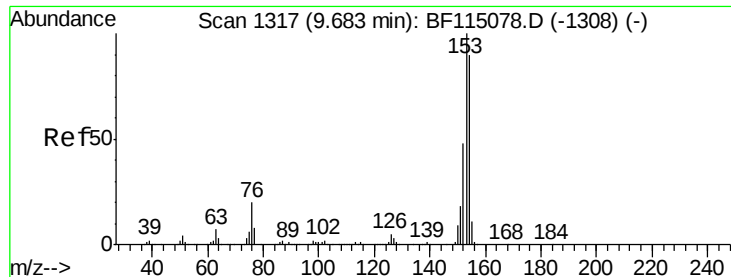
Tgt Ion:163 Resp: 62278
Ion Ratio Lower Upper
163 100
194 31.7 3.2 4.8#
164 32.8 8.6 13.0#



#51
2,6-Dinitrotoluene
Concen: 248.349 ng
RT: 9.42 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

Tgt Ion:165 Resp: 36459
Ion Ratio Lower Upper
165 100
63 35.6 39.4 59.2#
89 25.4 42.0 63.0#





#52

Acenaphthene

Concen: 26.990 ng

RT: 9.67 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF115380.D

Acq: 3 Jul 2019 00:27

Instrument :

BNA_F

ClientSampleId :

PE-1A

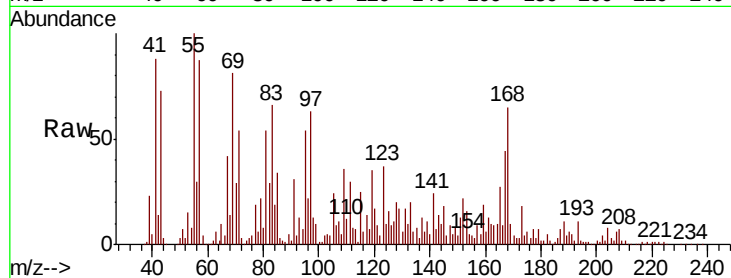
Tgt Ion:154 Resp: 14761

Ion Ratio Lower Upper

154 100

153 324.5 88.7 133.1#

152 432.7 42.6 64.0#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

150000

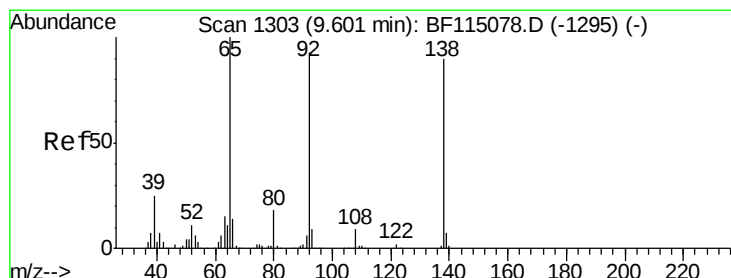
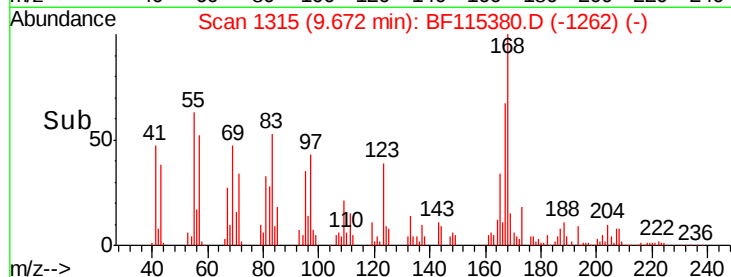
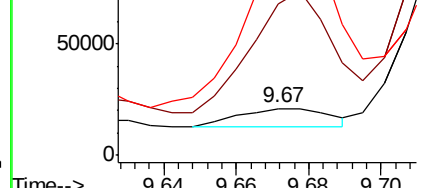
100000

50000

0

9.64 9.66 9.68 9.70

9.67



#53

3-Nitroaniline

Concen: 78.827 ng

RT: 9.57 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF115380.D

Acq: 3 Jul 2019 00:27

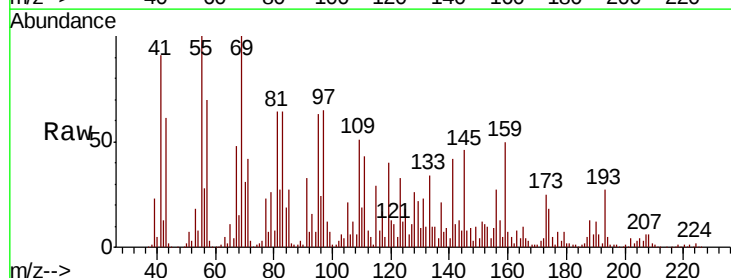
Tgt Ion:138 Resp: 14122

Ion Ratio Lower Upper

138 100

108 91.6 7.8 11.6#

92 97.3 82.9 124.3



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

150000

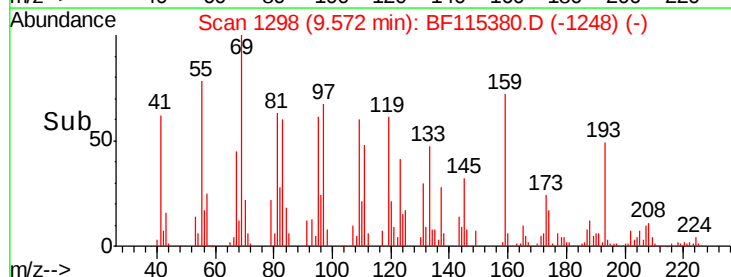
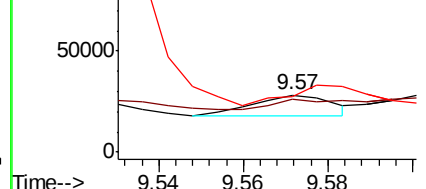
100000

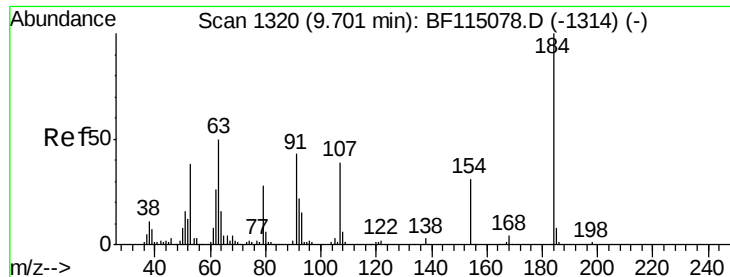
50000

0

9.54 9.56 9.58

9.57

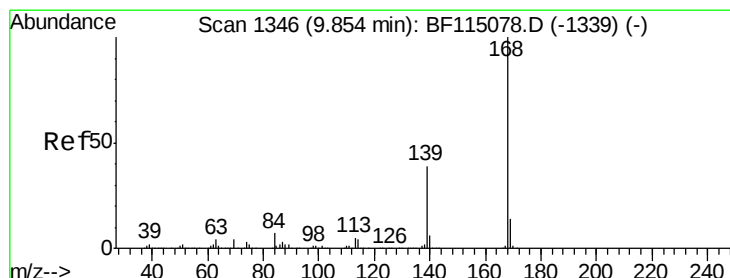
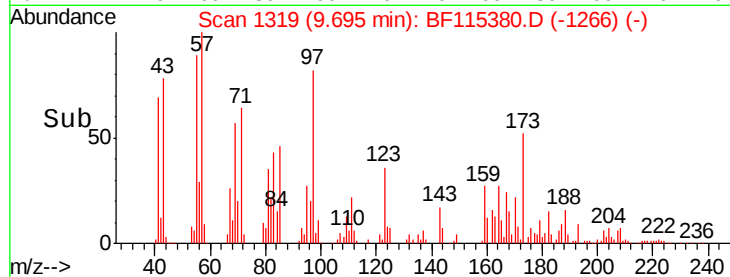
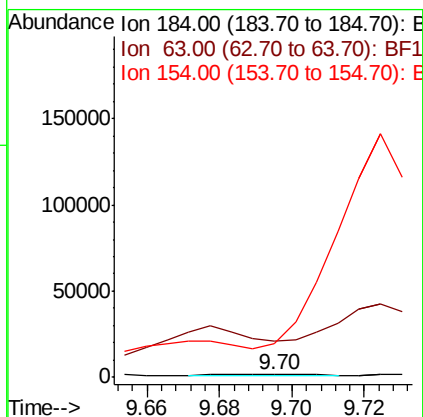
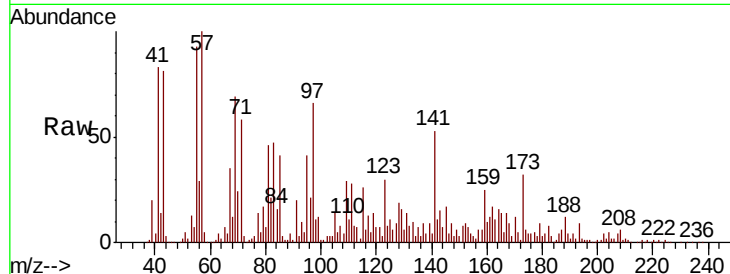




#54
2,4-Dinitrophenol
Concen: 22.119 ng
RT: 9.70 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

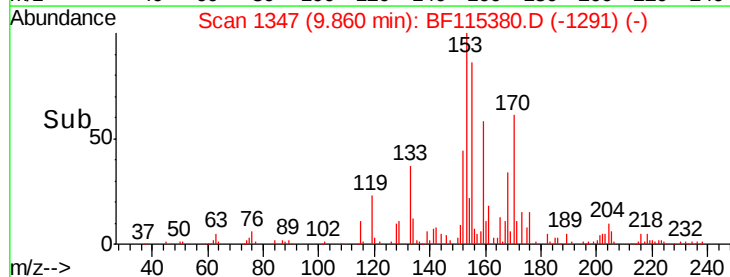
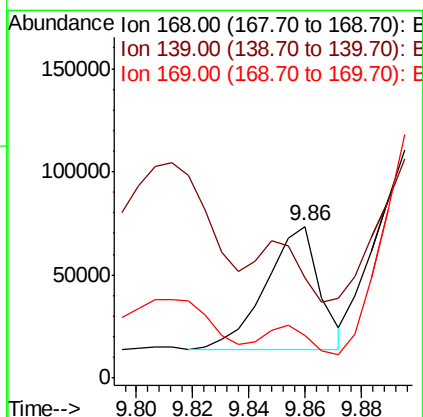
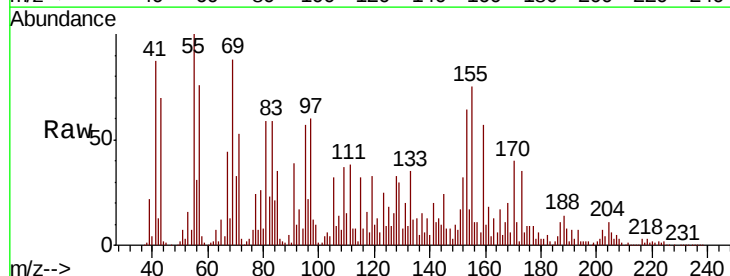
Instrument :
BNA_F
ClientSampleId :
PE-1A

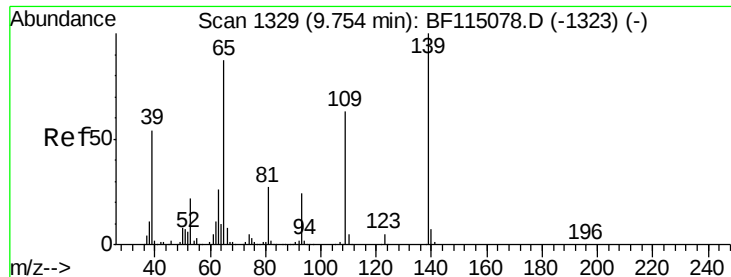
Tgt Ion:184 Resp: 1229
Ion Ratio Lower Upper
184 100
63 1239.0 41.9 62.9#
154 1131.8 44.7 67.1#



#55
Dibenzofuran
Concen: 100.014 ng
RT: 9.86 min Scan# 1347
Delta R.T. 0.03 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

Tgt Ion:168 Resp: 78507
Ion Ratio Lower Upper
168 100
139 66.2 31.1 46.7#
169 28.3 11.3 16.9#

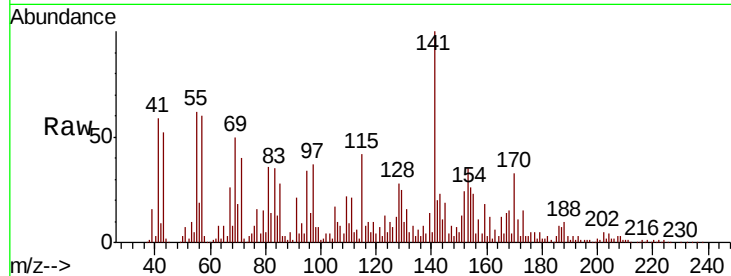




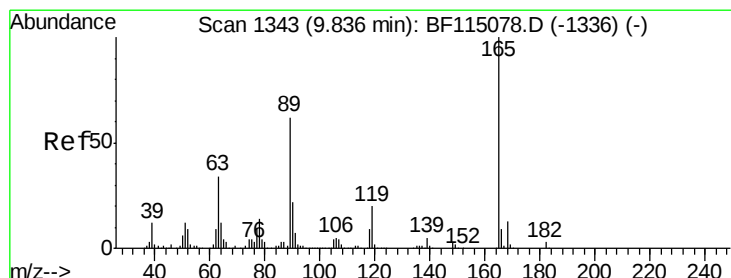
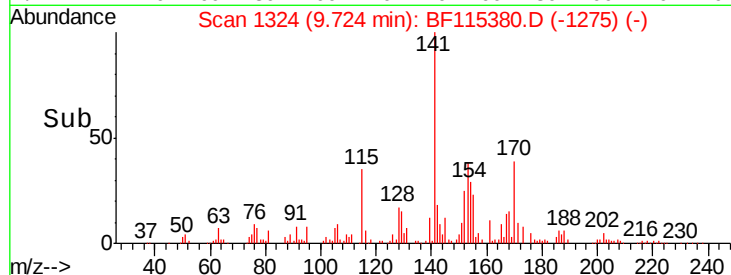
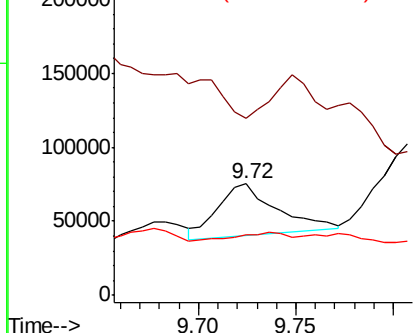
#56
4-Nitrophenol
Concen: 516.356 ng
RT: 9.72 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

Instrument :
BNA_F
ClientSampled :
PE-1A

Tgt Ion:139 Resp: 74162
Ion Ratio Lower Upper
139 100
109 159.1 43.0 83.0#
65 54.4 67.0 107.0#

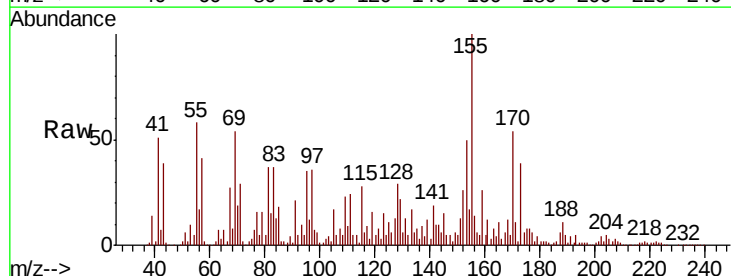


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

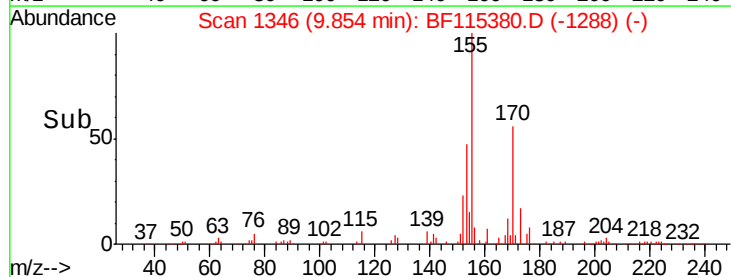
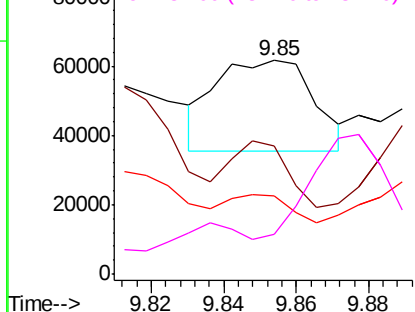


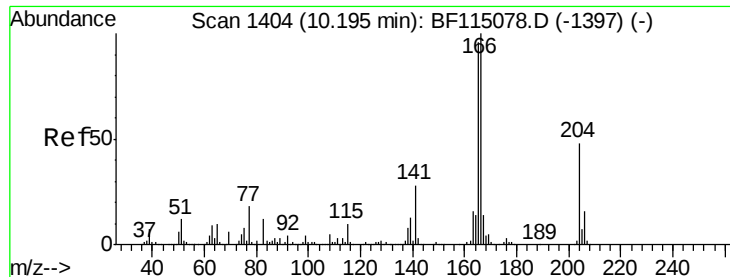
#57
2,4-Dinitrotoluene
Concen: 258.640 ng
RT: 9.85 min Scan# 1346
Delta R.T. 0.04 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

Tgt Ion:165 Resp: 49027
Ion Ratio Lower Upper
165 100
63 59.7 27.5 41.3#
89 36.3 49.9 74.9#
182 18.4 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: 209.884 ng

RT: 10.20 min Scan# 1405

Delta R.T. 0.03 min

Lab File: BF115380.D

Acq: 3 Jul 2019 00:27

Instrument :

BNA_F

ClientSampled :

PE-1A

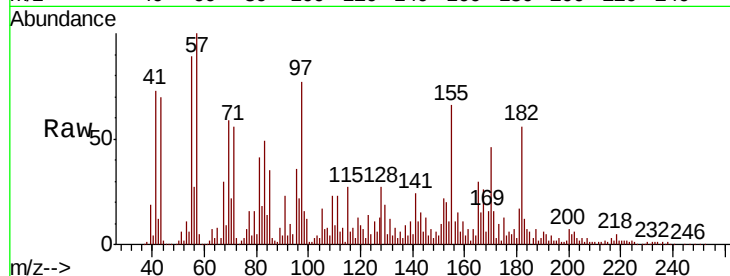
Tgt Ion:166 Resp: 97075

Ion Ratio Lower Upper

166 100

165 198.6 76.5 114.7#

167 172.8 11.0 16.4#

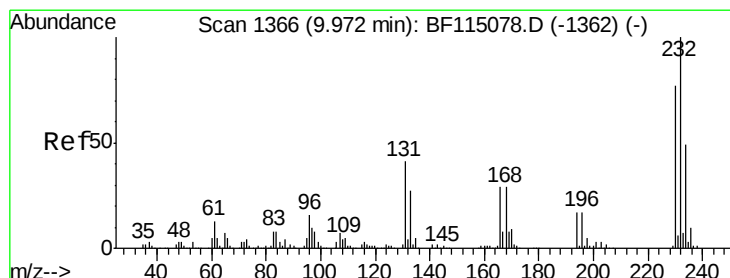
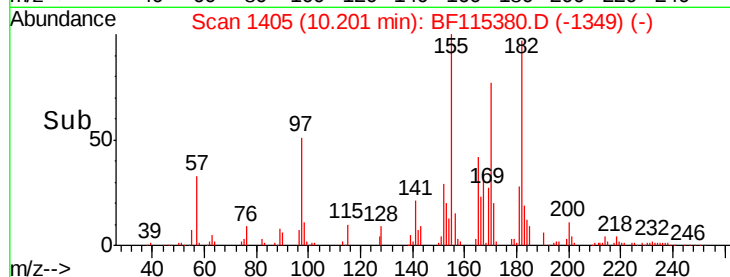
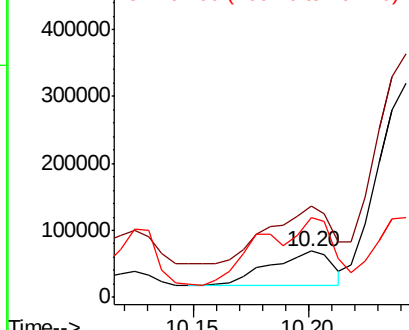


Abundance

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: 5.337 ng

RT: 9.97 min Scan# 1366

Delta R.T. 0.02 min

Lab File: BF115380.D

Acq: 3 Jul 2019 00:27

Tgt Ion:232 Resp: 869

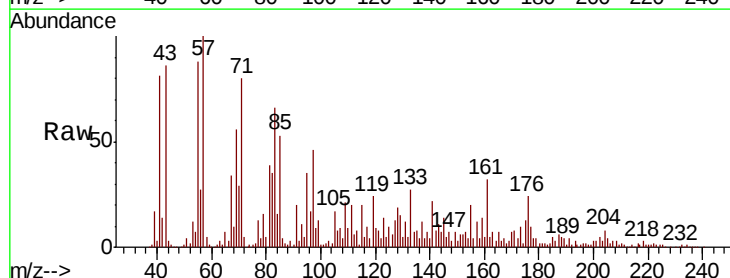
Ion Ratio Lower Upper

232 100

131 4082.2 37.4 56.0#

130 1105.2 1.8 2.6#

166 3359.6 24.6 36.8#



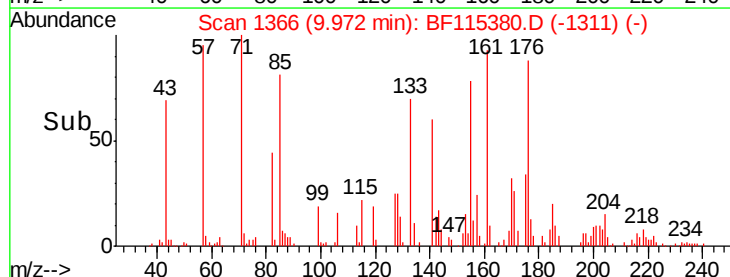
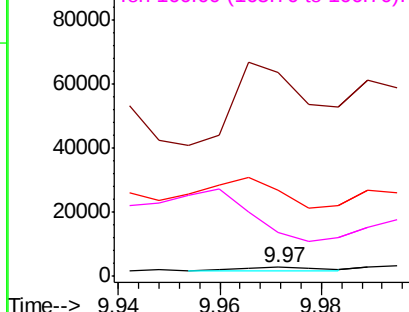
Abundance

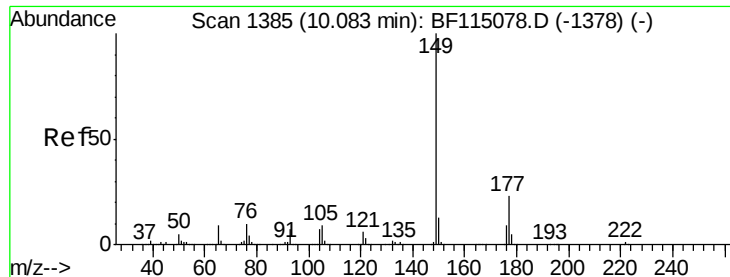
Ion 232.00 (231.70 to 232.70): E

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: 39.387 ng

RT: 10.07 min Scan# 1382

Delta R.T. 0.01 min

Lab File: BF115380.D

Acq: 3 Jul 2019 00:27

Instrument :

BNA_F

ClientSampleId :

PE-1A

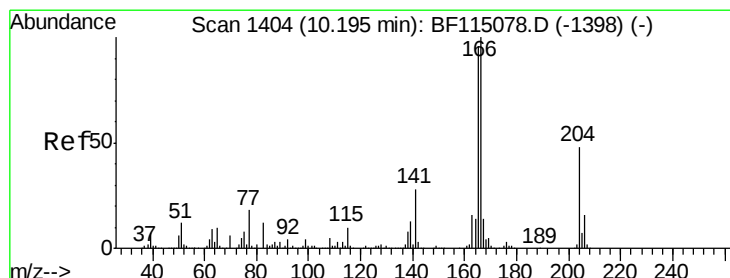
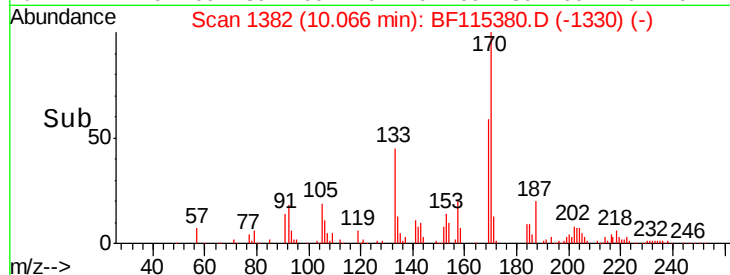
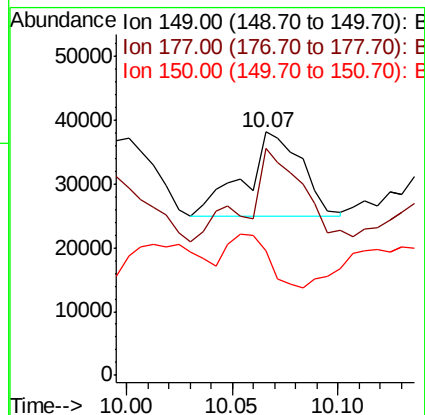
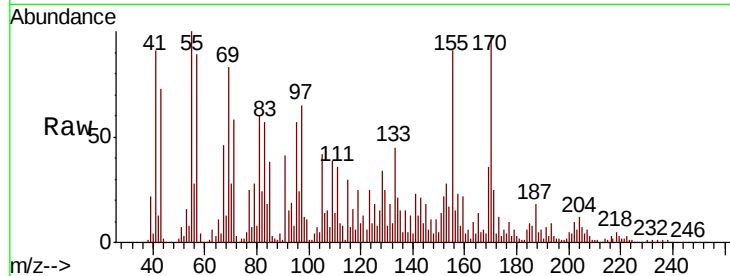
Tgt Ion:149 Resp: 25176

Ion Ratio Lower Upper

149 100

177 93.0 18.7 28.1#

150 51.4 10.4 15.6#



#61

4-Chlorophenyl-phenylether

Concen: 42.343 ng

RT: 10.17 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF115380.D

Acq: 3 Jul 2019 00:27

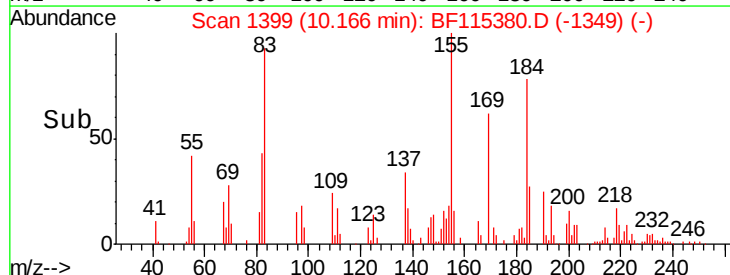
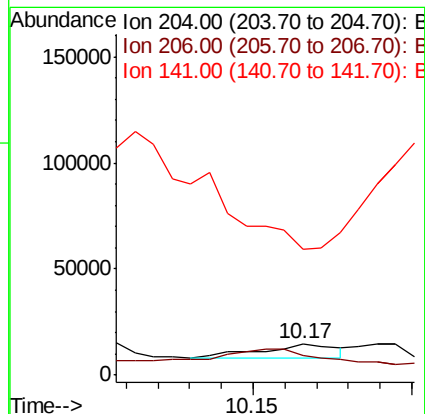
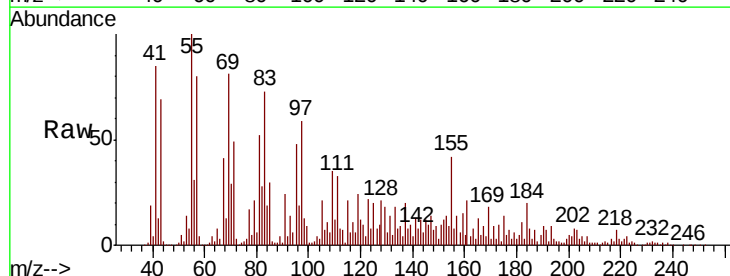
Tgt Ion:204 Resp: 10616

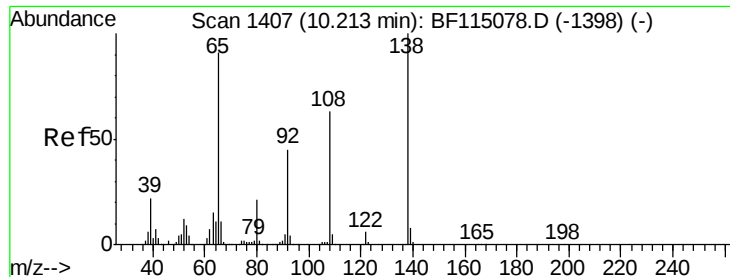
Ion Ratio Lower Upper

204 100

206 64.2 26.6 40.0#

141 401.9 46.7 70.1#





#62

4-Nitroaniline

Concen: 171.385 ng

RT: 10.16 min Scan# 1398

Delta R.T. -0.03 min

Lab File: BF115380.D

Acq: 3 Jul 2019 00:27

Instrument :

BNA_F

ClientSampleId :

PE-1A

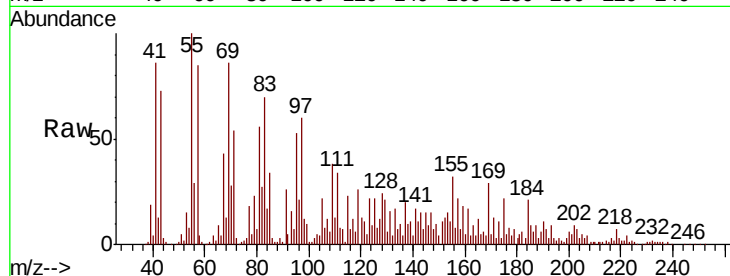
Tgt Ion:138 Resp: 30802

Ion Ratio Lower Upper

138 100

92 53.1 24.8 64.8

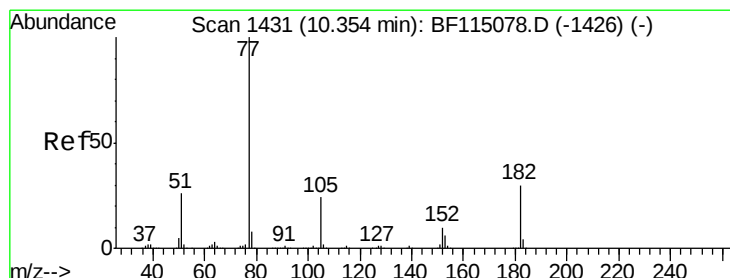
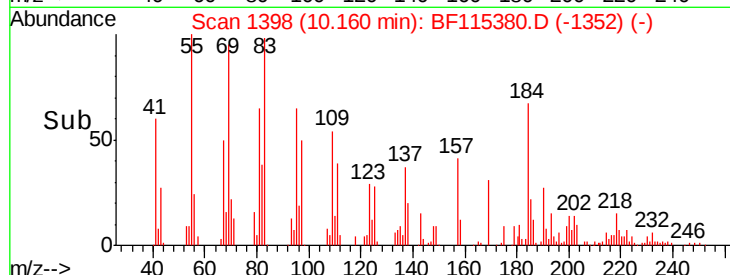
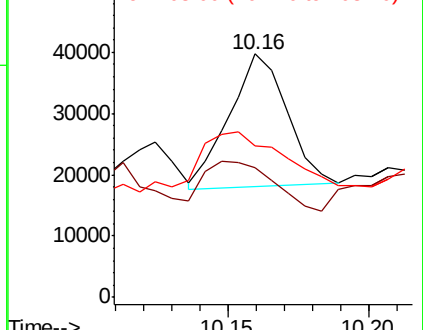
108 62.0 43.3 83.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 161.743 ng

RT: 10.34 min Scan# 1429

Delta R.T. 0.02 min

Lab File: BF115380.D

Acq: 3 Jul 2019 00:27

Tgt Ion: 77 Resp: 96565

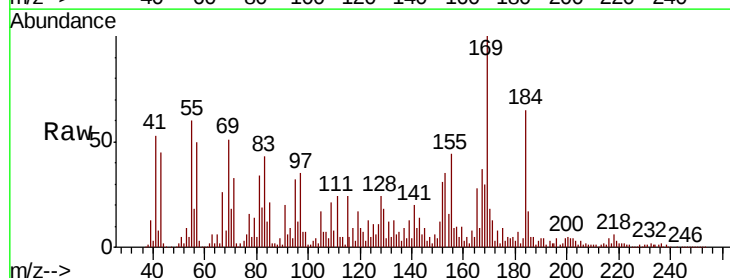
Ion Ratio Lower Upper

77 100

182 14.9 10.1 50.1

105 110.2 4.5 44.5#

51 34.1 6.4 46.4

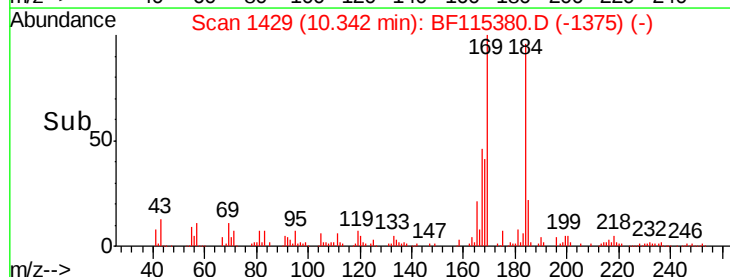
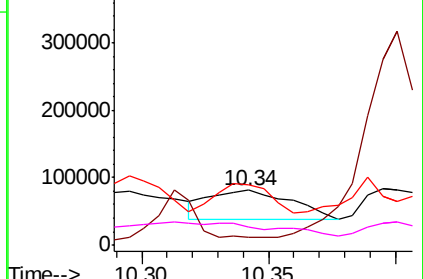


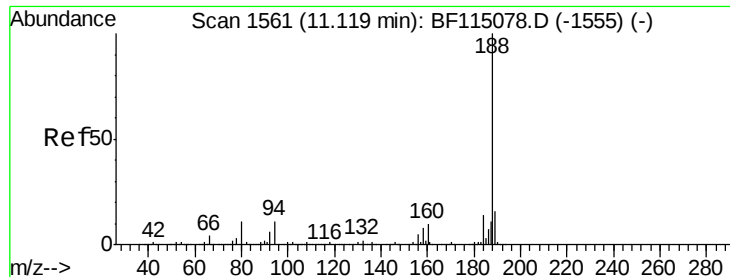
Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.17 min Scan# 1569

Delta R.T. 0.07 min

Lab File: BF115380.D

Acq: 3 Jul 2019 00:27

Instrument :

BNA_F

ClientSampleId :

PE-1A

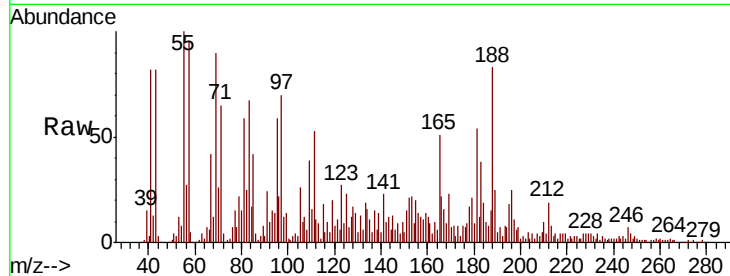
Tgt Ion:188 Resp: 301108

Ion Ratio Lower Upper

188 100

94 17.2 8.6 12.8#

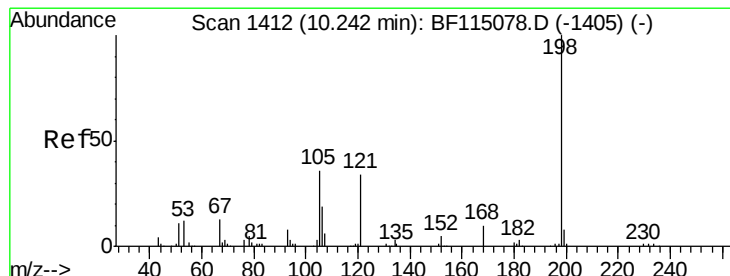
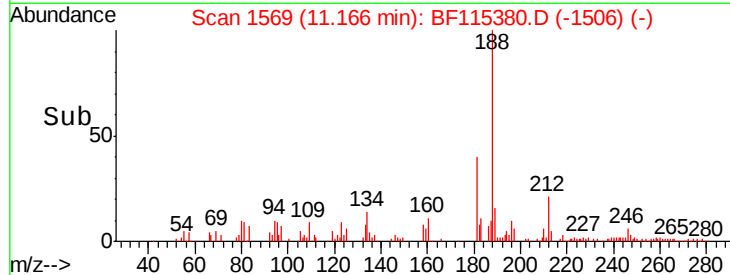
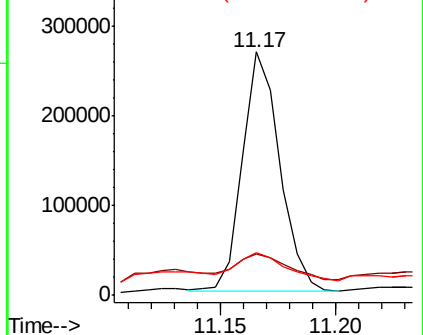
80 17.5 8.8 13.2#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.150 ng

RT: 10.32 min Scan# 1425

Delta R.T. 0.10 min

Lab File: BF115380.D

Acq: 3 Jul 2019 00:27

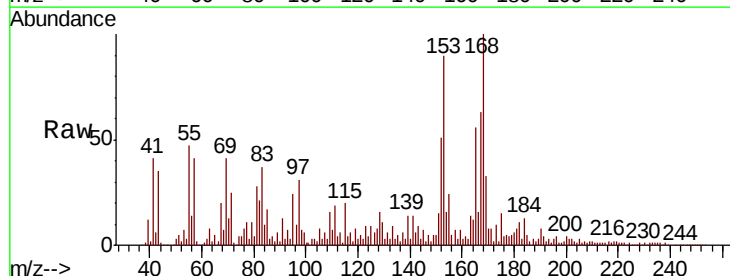
Tgt Ion:198 Resp: 3914

Ion Ratio Lower Upper

198 100

51 426.2 11.0 51.0#

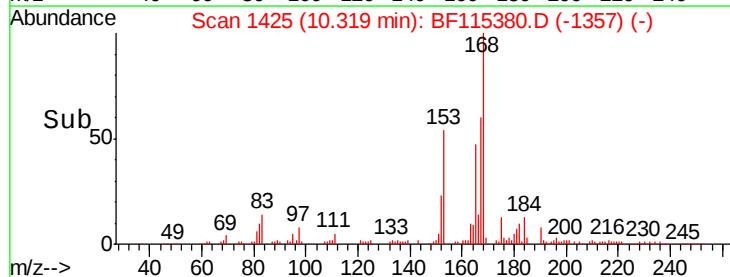
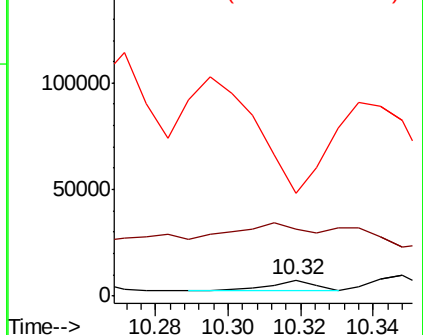
105 652.1 17.3 57.3#

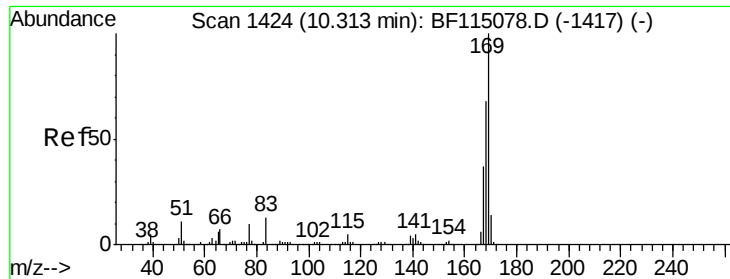


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

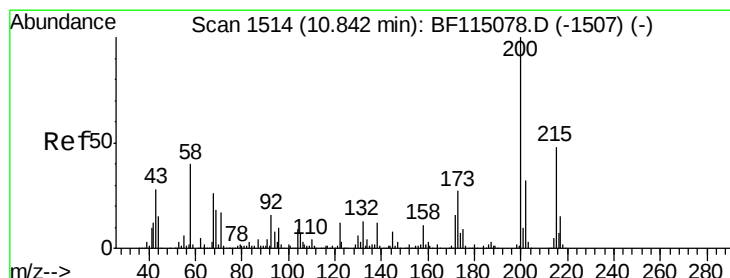
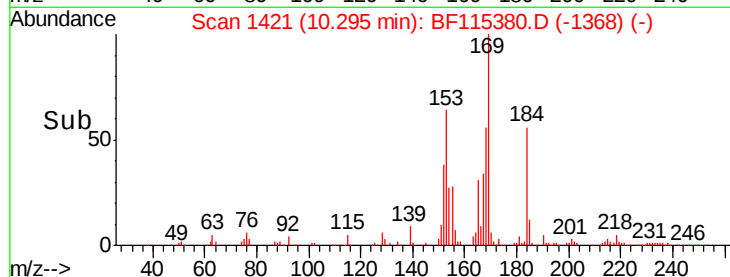
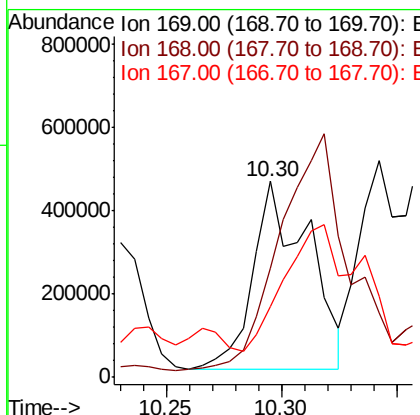
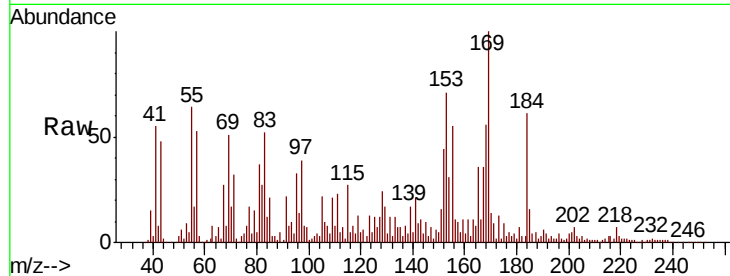




#66
n-Nitrosodiphenylamine
Concen: 80.257 ng
RT: 10.30 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

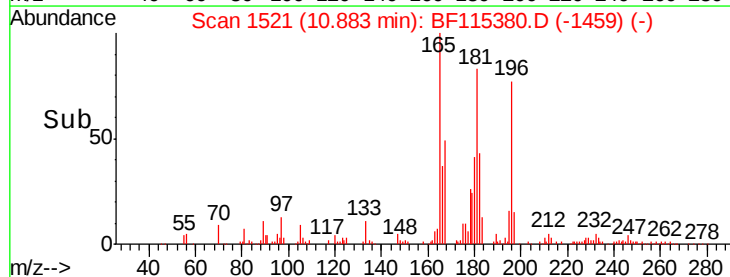
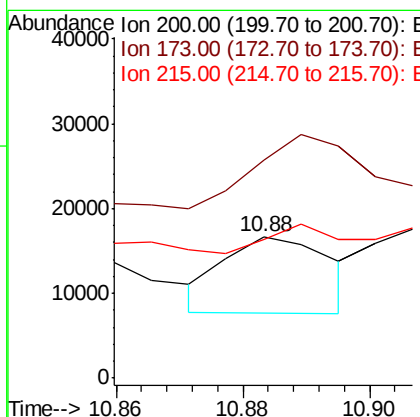
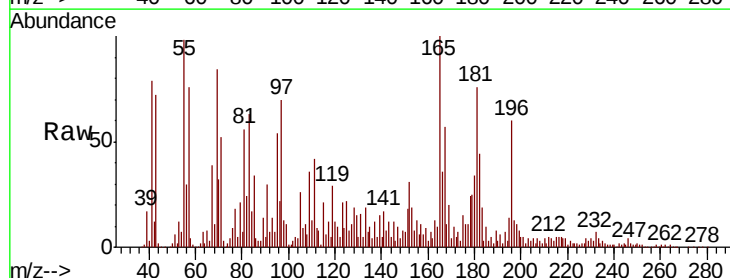
Instrument :
BNA_F
ClientSampled :
PE-1A

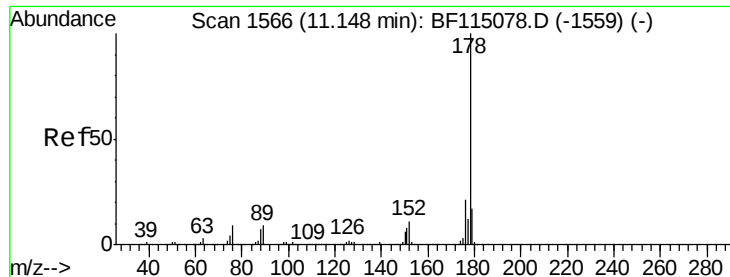
Tgt Ion:169 Resp: 752885
Ion Ratio Lower Upper
169 100
168 55.8 54.2 81.4
167 35.8 29.4 44.0



#69
Atrazine
Concen: 3.460 ng
RT: 10.88 min Scan# 1521
Delta R.T. 0.06 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

Tgt Ion:200 Resp: 10441
Ion Ratio Lower Upper
200 100
173 153.9 7.4 47.4#
215 97.6 27.8 67.8#

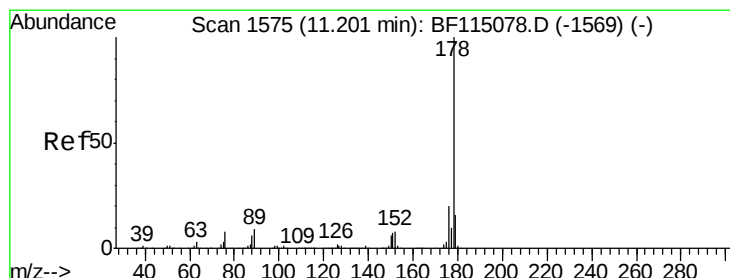
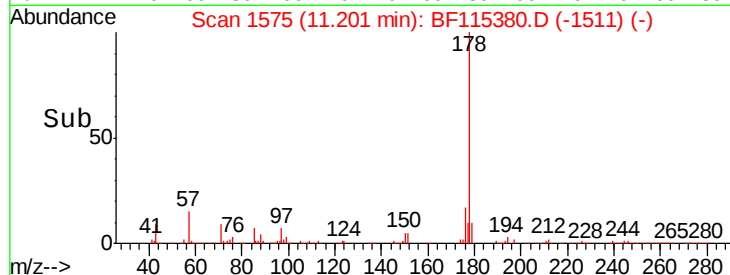
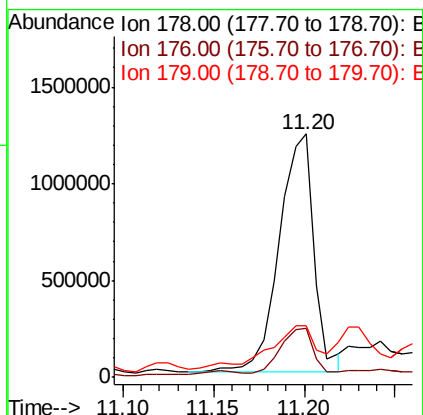
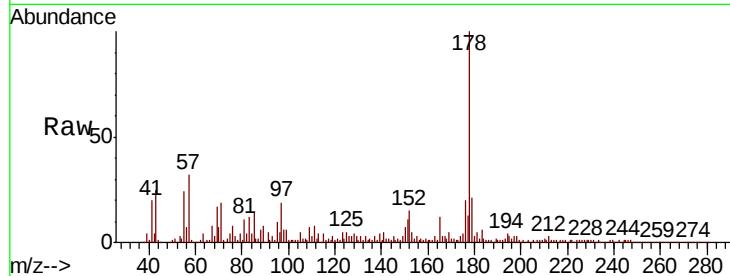




#71
Phenanthrene
Concen: 101.930 ng
RT: 11.20 min Scan# 1575
Delta R.T. 0.08 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

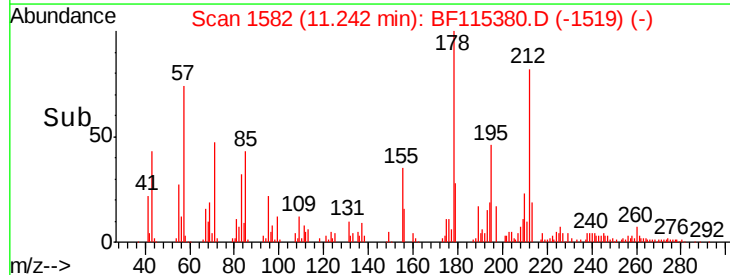
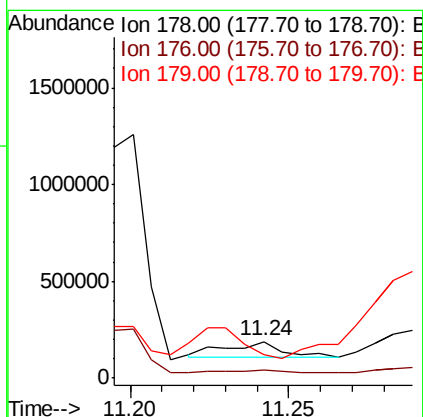
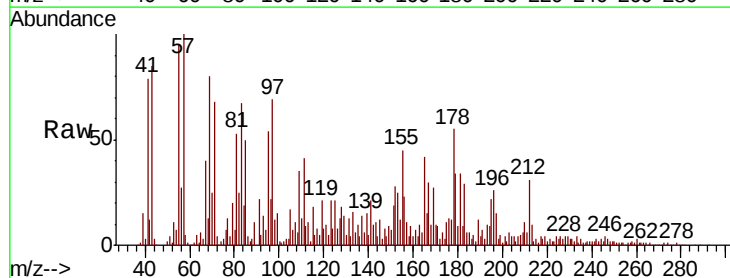
Instrument :
BNA_F
ClientSampleId :
PE-1A

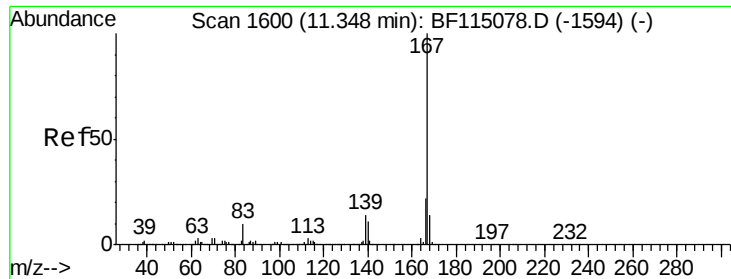
Tgt Ion:178 Resp: 1652505
Ion Ratio Lower Upper
178 100
176 20.1 16.9 25.3
179 21.1 13.2 19.8#



#72
Anthracene
Concen: 6.611 ng
RT: 11.24 min Scan# 1582
Delta R.T. 0.07 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

Tgt Ion:178 Resp: 108185
Ion Ratio Lower Upper
178 100
176 23.6 16.1 24.1
179 62.1 12.9 19.3#

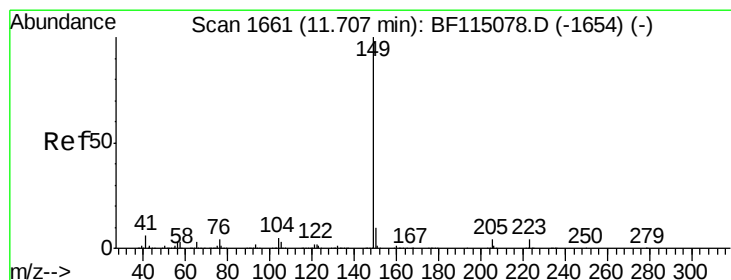
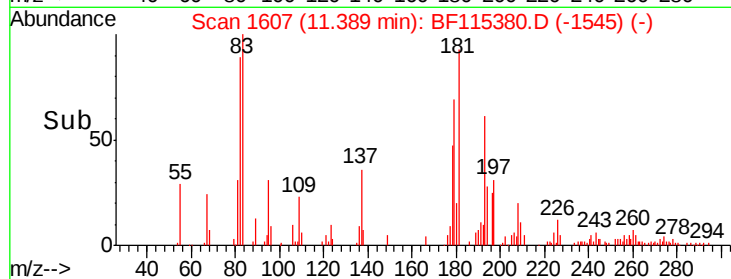
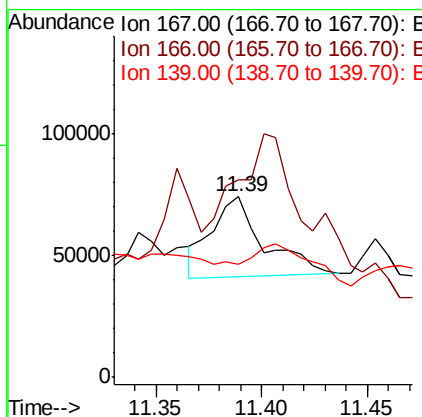
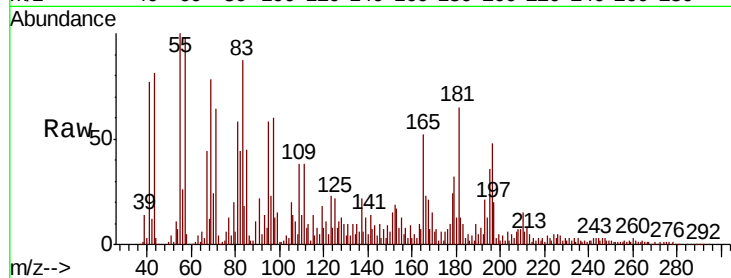




#73
 Carbazole
 Concen: 3.923 ng
 RT: 11.39 min Scan# 1607
 Delta R.T. 0.06 min
 Lab File: BF115380.D
 Acq: 3 Jul 2019 00:27

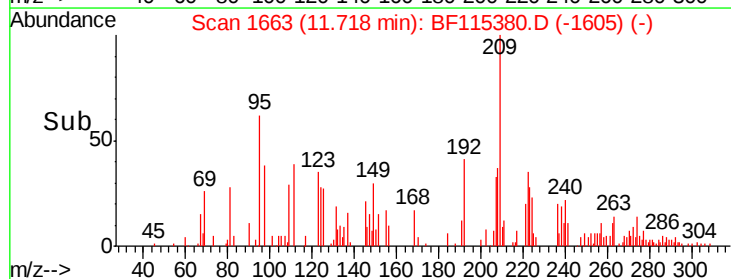
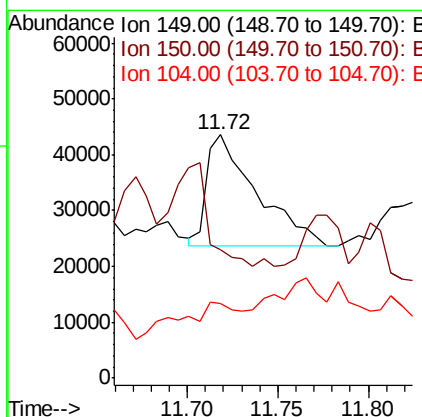
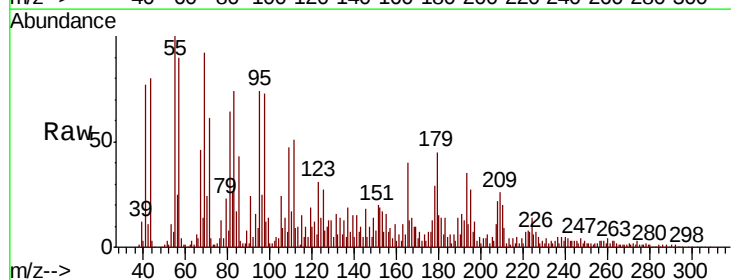
Instrument :
 BNA_F
 ClientSampled :
 PE-1A

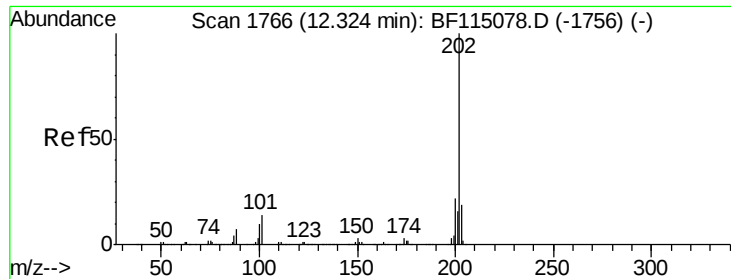
Tgt Ion:167 Resp: 57325
 Ion Ratio Lower Upper
 167 100
 166 109.6 18.0 27.0#
 139 62.7 11.1 16.7#



#74
 Di-n-butylphthalate
 Concen: 2.263 ng
 RT: 11.72 min Scan# 1663
 Delta R.T. 0.04 min
 Lab File: BF115380.D
 Acq: 3 Jul 2019 00:27

Tgt Ion:149 Resp: 38207
 Ion Ratio Lower Upper
 149 100
 150 52.8 7.8 11.8#
 104 30.8 3.7 5.5#





#75

Fluoranthene

Concen: 6.201 ng

RT: 12.36 min Scan# 1772

Delta R.T. 0.06 min

Lab File: BF115380.D

Acq: 3 Jul 2019 00:27

Instrument :

BNA_F

ClientSampleId :

PE-1A

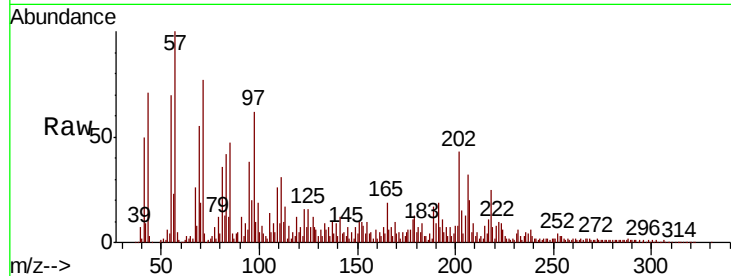
Tgt Ion:202 Resp: 100310

Ion Ratio Lower Upper

202 100

101 18.7 0.0 34.0

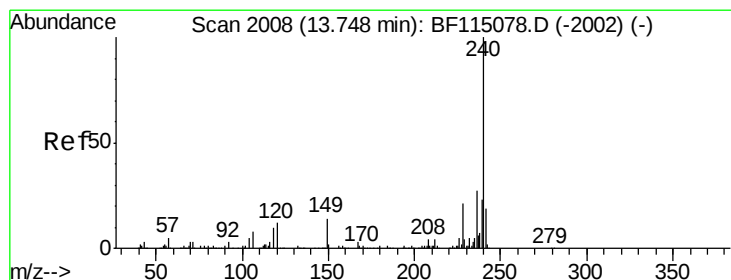
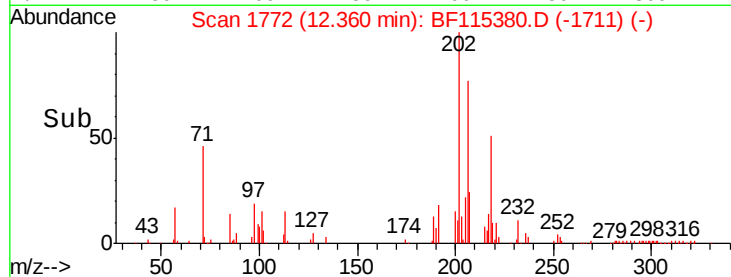
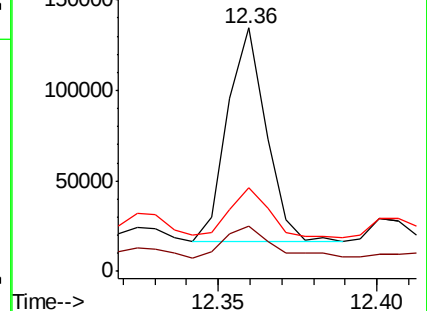
203 34.2 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.75 min Scan# 2008

Delta R.T. 0.03 min

Lab File: BF115380.D

Acq: 3 Jul 2019 00:27

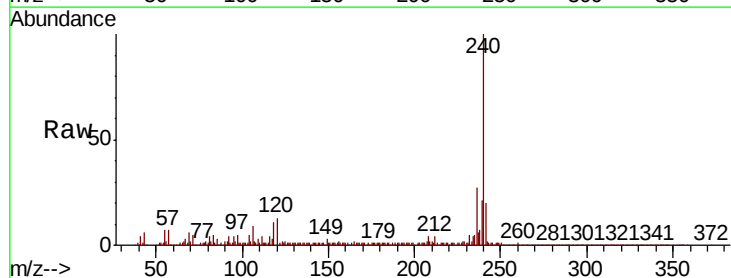
Tgt Ion:240 Resp: 448461

Ion Ratio Lower Upper

240 100

120 13.0 9.4 14.2

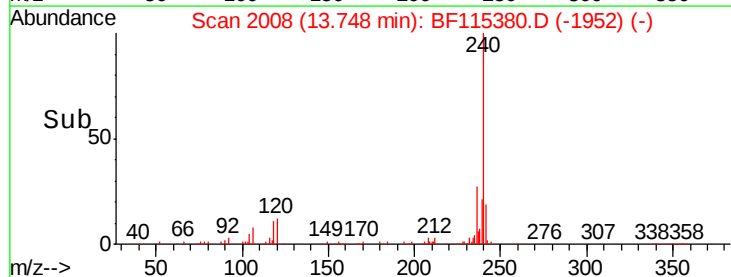
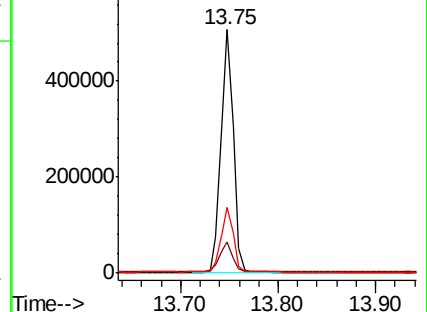
236 27.2 21.7 32.5

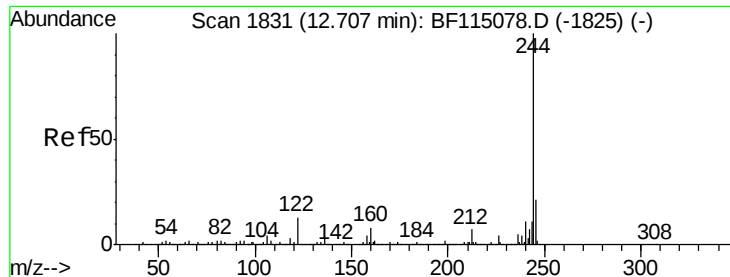


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 43.753 ng

RT: 12.72 min Scan# 1833

Delta R.T. 0.04 min

Lab File: BF115380.D

Acq: 3 Jul 2019 00:27

Instrument :

BNA_F

ClientSampleId :

PE-1A

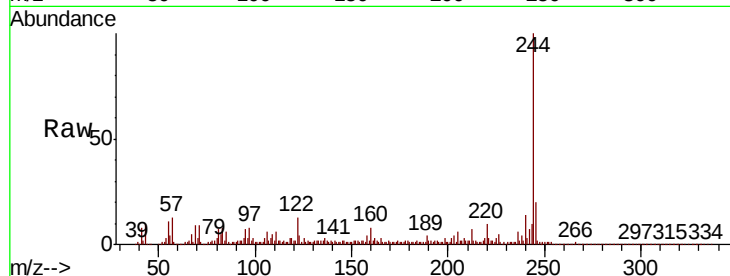
Tgt Ion:244 Resp: 922874

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

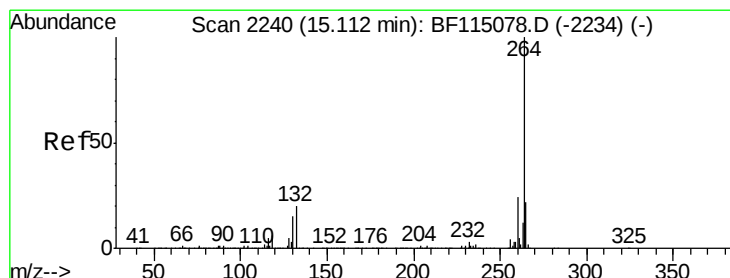
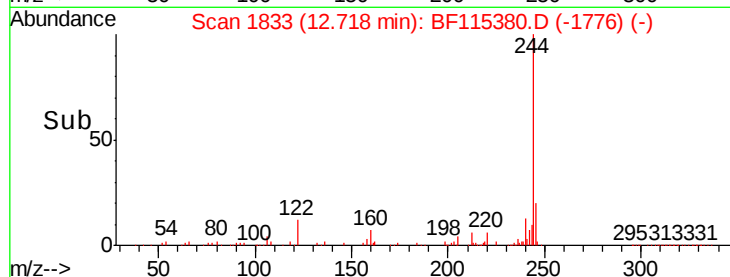
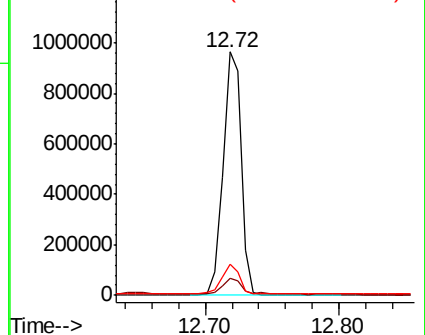
122 12.7 10.4 15.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.12 min Scan# 2241

Delta R.T. 0.04 min

Lab File: BF115380.D

Acq: 3 Jul 2019 00:27

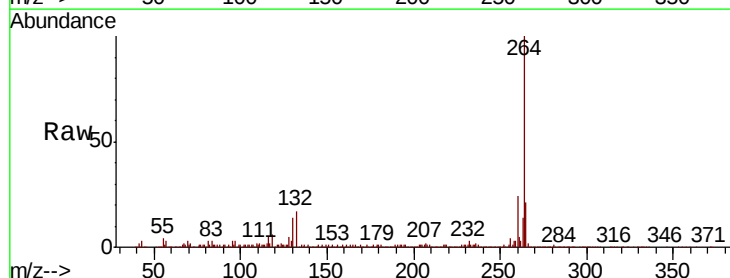
Tgt Ion:264 Resp: 462064

Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

265 21.4 17.3 25.9



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

