

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111731.D
 Acq On : 26 Dec 2018 23:19
 Operator : JU/SJ
 Sample : J6389-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 27 02:16:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	152584	20.00	ng	0.02
21) Naphthalene-d8	8.20	136	370412	20.00	ng	0.02
39) Acenaphthene-d10	9.97	164	183359	20.00	ng	0.04
64) Phenanthrene-d10	11.47	188	276814	20.00	ng	0.05
76) Chrysene-d12	14.12	240	175456	20.00	ng	0.06
87) Perylene-d12	15.63	264	161061	20.00	ng	0.12

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	195250	21.81	ng	0.06
7) Phenol-d6	6.54	99	438383	38.48	ng	0.02
23) Nitrobenzene-d5	7.46	82	486254	76.41	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	143527	66.25	ng	0.05
45) 2-Fluorobiphenyl	9.28	172	579197	46.04	ng	0.02
79) Terphenyl-d14	13.05	244	444658	48.06	ng	0.05

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.47	77	101217	12.918	ng	# 1
10) Phenol	6.55	94	58924	4.584	ng	# 82
11) bis(2-Chloroethyl)ether	6.65	93	25795	2.678	ng	# 1
13) 1,4-Dichlorobenzene	6.93	146	38926	3.340	ng	# 59
14) 1,2-Dichlorobenzene	7.09	146	34828	3.203	ng	# 36
16) 2,2'-oxybis(1-Chloropropan	7.10	45	126699	7.142	ng	# 98
17) 2-Methylphenol	7.16	107	29472	3.712	ng	# 48
18) Hexachloroethane	7.45	117	170524	43.419	ng	# 1
19) n-Nitroso-di-n-propylamine	7.35	70	92511	12.227	ng	# 61
20) 3+4-Methylphenols	7.31	107	111738	11.137	ng	# 55
22) Acetophenone	7.31	105	466524	49.715	ng	# 47
24) Nitrobenzene	7.49	77	35872	5.378	ng	# 61
25) Isophorone	7.74	82	94286	8.346	ng	# 1
26) 2-Nitrophenol	7.83	139	20449	7.560	ng	# 1
27) 2,4-Dimethylphenol	7.86	122	85286	15.994	ng	# 1
28) bis(2-Chloroethoxy)methane	7.94	93	19535	2.599	ng	# 1
29) 2,4-Dichlorophenol	8.05	162	26081	4.547	ng	# 1
30) 1,2,4-Trichlorobenzene	8.15	180	957273	149.779	ng	# 99
31) Naphthalene	8.23	128	1996380	112.170	ng	# 98
32) Benzoic acid	7.98	122	43275	12.274	ng	# 1
33) 4-Chloroaniline	8.23	127	260626	33.880	ng	# 45
35) Caprolactam	8.64	113	329361	169.473	ng	# 1
36) 4-Chloro-3-methylphenol	8.77	107	129450	22.961	ng	# 25
37) 2-Methylnaphthalene	8.92	142	1474757	127.361	ng	# 96
38) 1-Methylnaphthalene	9.02	142	955040	85.878	ng	# 98
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	245035	40.669	ng	# 87
46) 1,1'-Biphenyl	9.39	154	224024	14.473	ng	# 94
48) 2-Nitroaniline	9.49	65	18606	5.832	ng	# 59
49) Acenaphthylene	9.83	152	147311	8.227	ng	# 1
50) Dimethylphthalate	9.69	163	31473	2.347	ng	# 1
51) 2,6-Dinitrotoluene	9.76	165	27346	10.228	ng	# 77
52) Acenaphthene	10.00	154	38678	3.502	ng	# 38
53) 3-Nitroaniline	9.94	138	61281	21.491	ng	# 22
54) 2,4-Dinitrophenol	10.05	184	6861	14.573	ng	# 1

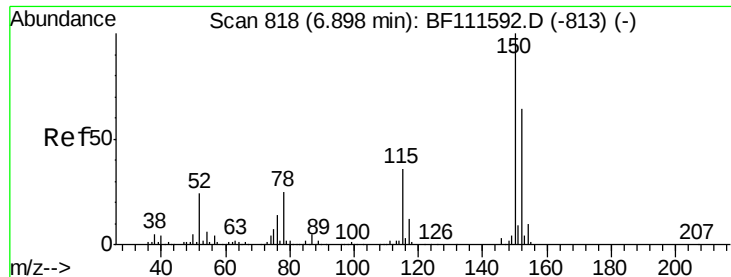
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
55) Dibenzofuran	10.18	168	106017	6.354	nq	#	1
56) 4-Nitrophenol	10.05	139	26663	12.253	nq	#	1
57) 2,4-Dinitrotoluene	10.19	165	45190	14.063	nq	#	58
58) Fluorene	10.52	166	139030	11.564	nq	#	54
61) 4-Chlorophenyl-phenylether	10.55	204	14253	2.146	nq	#	1
62) 4-Nitroaniline	10.45	138	97405	35.147	nq	#	84
63) Azobenzene	10.67	77	39107	2.962	nq	#	7
65) 4,6-Dinitro-2-methylphenol	10.55	198	6343	11.464	nq	#	1
66) n-Nitrosodiphenylamine	10.64	169	464975	50.040	nq	#	43
68) Hexachlorobenzene	11.09	284	59209	15.467	nq	#	46
69) Atrazine	11.17	200	684939	212.179	nq	#	42
71) Phenanthrene	11.50	178	757120	51.573	nq	#	92
72) Anthracene	11.54	178	58916	3.998	nq	#	36
74) Di-n-butylphthalate	12.02	149	82129	5.120	nq	#	32
75) Fluoranthene	12.69	202	137538	9.252	nq	#	73
77) Benzidine	12.78	184	76968	11.658	nq	#	19
78) Pyrene	12.92	202	343915	27.757	nq	#	92
80) Butylbenzylphthalate	13.52	149	23348	4.623	nq	#	64
81) Benzo(a)anthracene	14.11	228	52867	5.280	nq	#	38
83) Chrysene	14.14	228	60568	6.154	nq	#	62
84) Bis(2-ethylhexyl)phthalate	14.09	149	96737	15.206	nq	#	82
88) Benzo(b)fluoranthene	15.19	252	55693	5.917	nq	#	1
89) Benzo(k)fluoranthene	15.19	252	53070	5.922	nq	#	1
90) Benzo(a)pyrene	15.56	252	46564	5.445	nq	#	1
92) Benzo(g,h,i)perylene	17.62	276	48547	6.639	nq	#	50

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

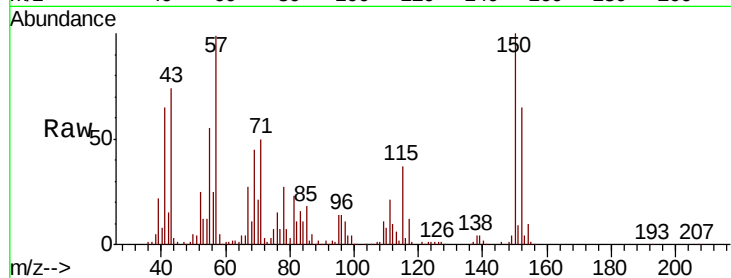


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. 0.02 min
Lab File: BF111731.D
Acq: 26 Dec 2018 23:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.6	189.8
115	56.9	50.7	76.1

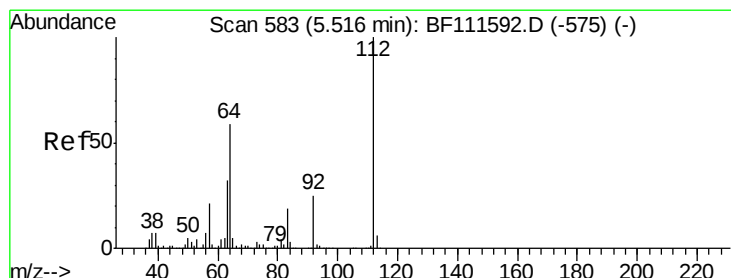
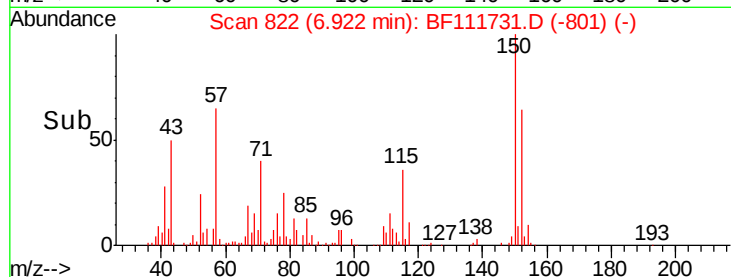
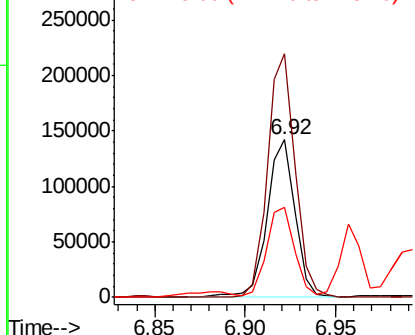


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

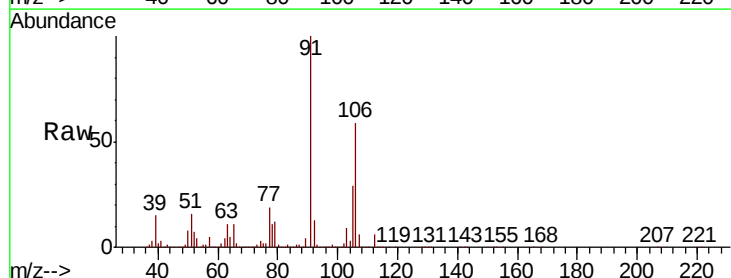
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 21.812 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.06 min
Lab File: BF111731.D
Acq: 26 Dec 2018 23:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	89.1	51.8	77.6#
63	186.3	26.8	40.2#

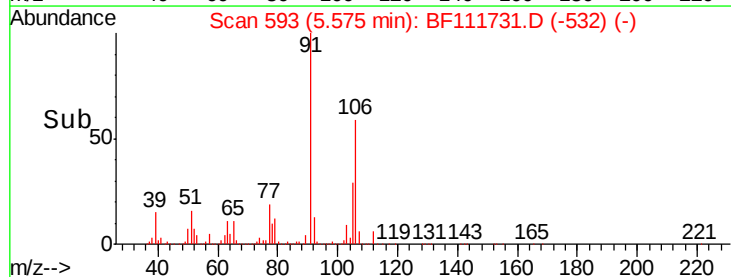
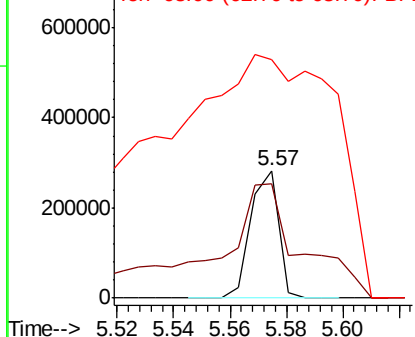


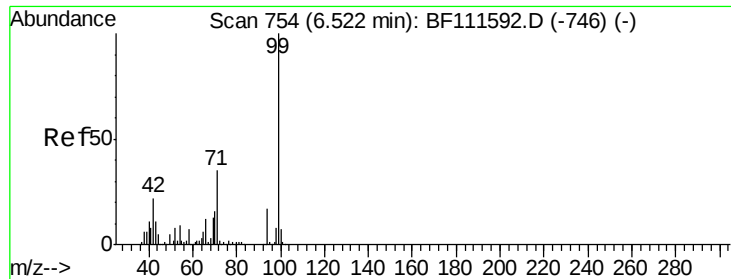
Abundance

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: 38.481 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111731.D

Acq: 26 Dec 2018 23:19

Instrument :

BNA_F

ClientSampled :

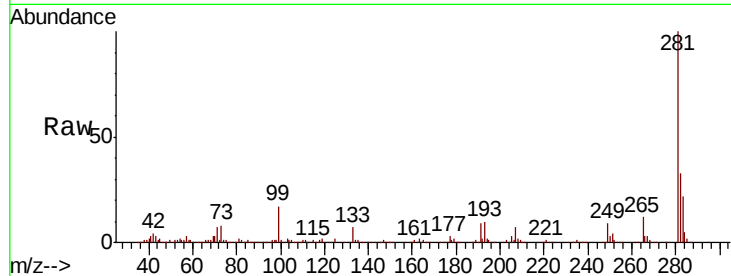
Tot Ion: 99 Resp: 438383

Ion Ratio Lower Upper

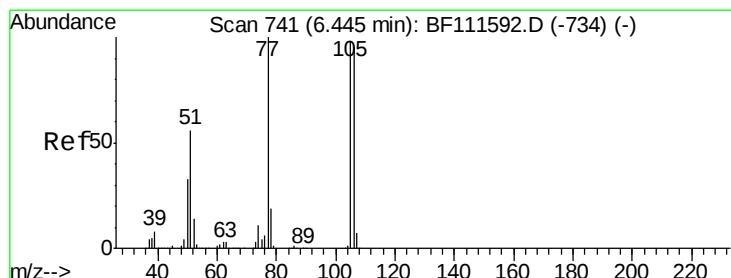
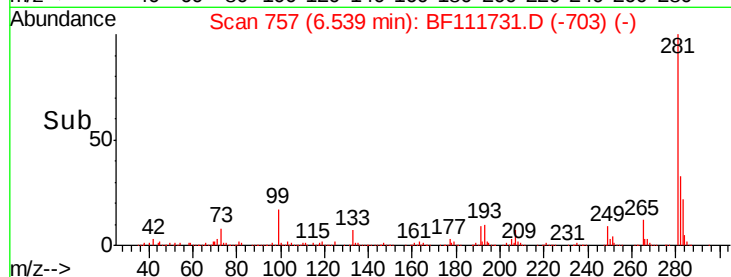
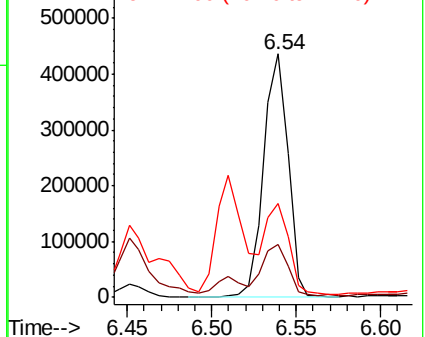
99 100

42 21.8 17.4 26.0

71 38.6 26.1 39.1



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



#9

Benzaldehyde

Concen: 12.918 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.02 min

Lab File: BF111731.D

Acq: 26 Dec 2018 23:19

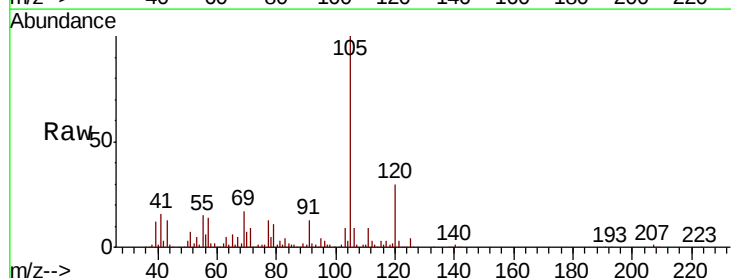
Tgt Ion: 77 Resp: 101217

Ion Ratio Lower Upper

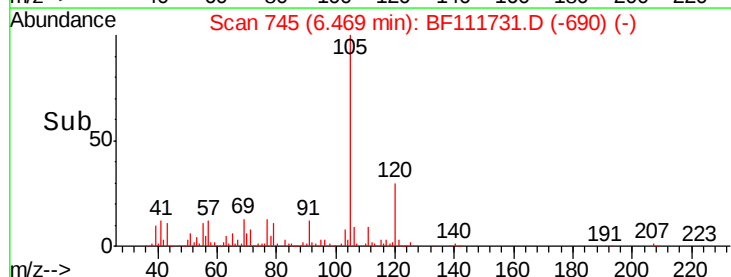
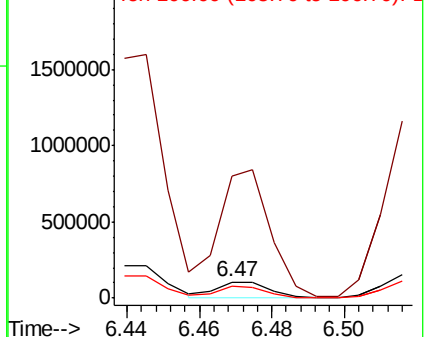
77 100

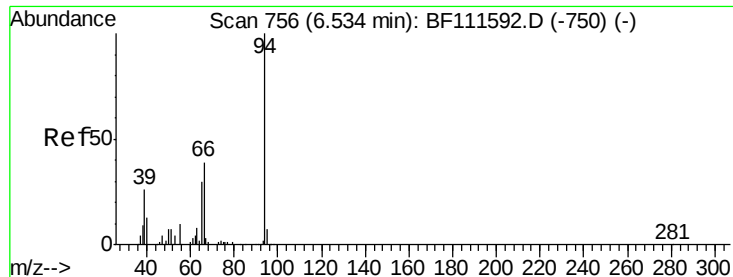
105 765.2 81.4 121.4#

106 72.1 77.9 117.9#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 4.584 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.02 min

Lab File: BF111731.D

Acq: 26 Dec 2018 23:19

Instrument :

BNA_F

ClientSampled :

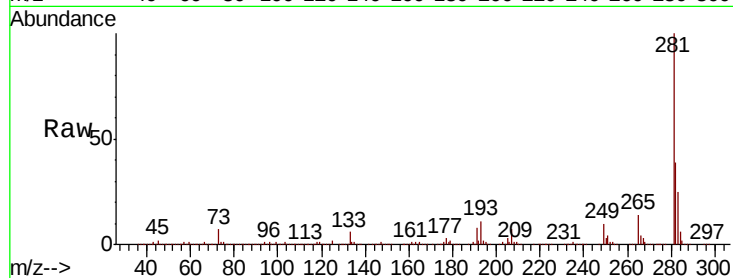
Tot Ion: 94 Resp: 58924

Ion Ratio Lower Upper

94 100

65 38.4 11.7 51.7

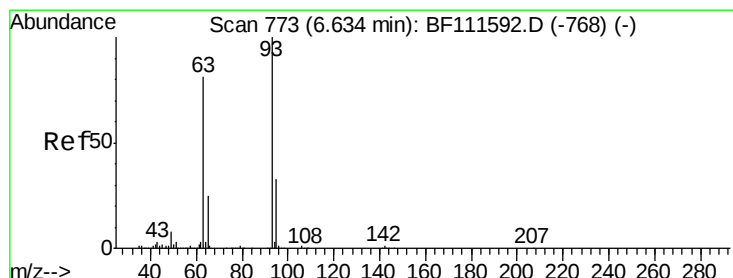
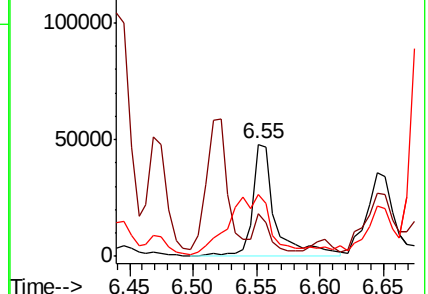
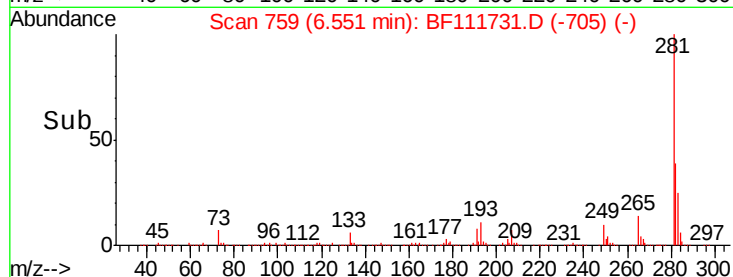
66 55.6 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#11

bis(2-Chloroethyl)ether

Concen: 2.678 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF111731.D

Acq: 26 Dec 2018 23:19

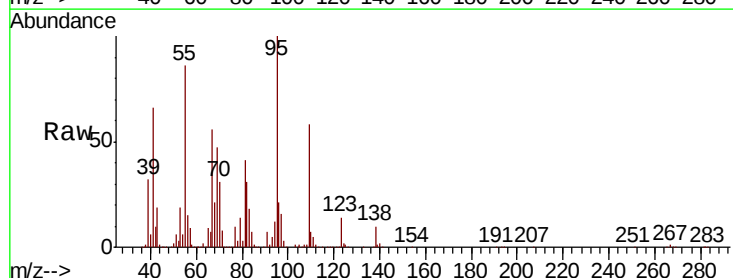
Tgt Ion: 93 Resp: 25795

Ion Ratio Lower Upper

93 100

63 29.1 60.0 100.0#

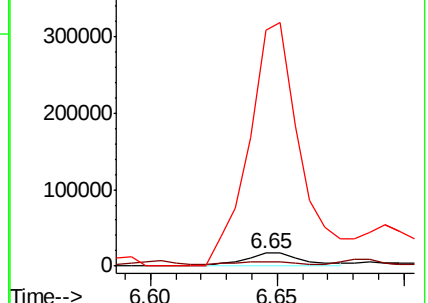
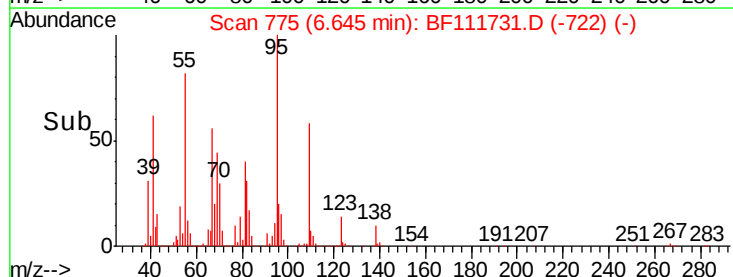
95 1840.3 13.4 53.4#

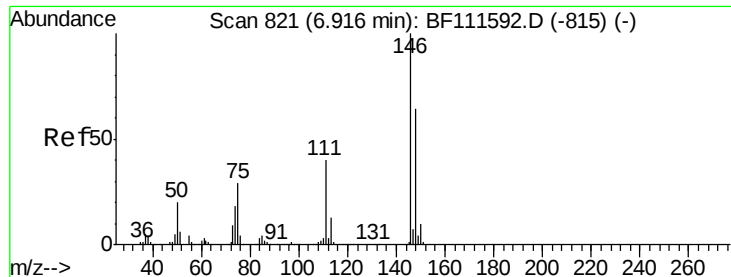


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

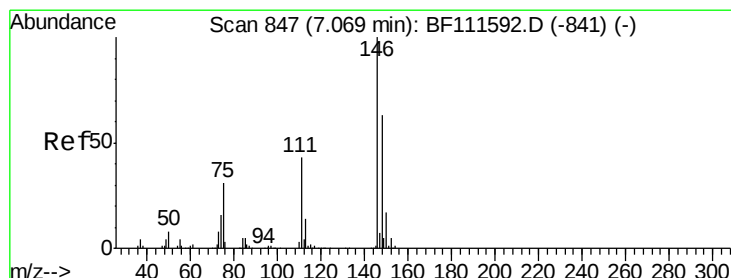
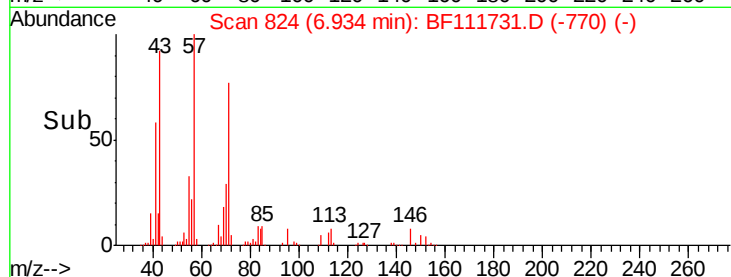
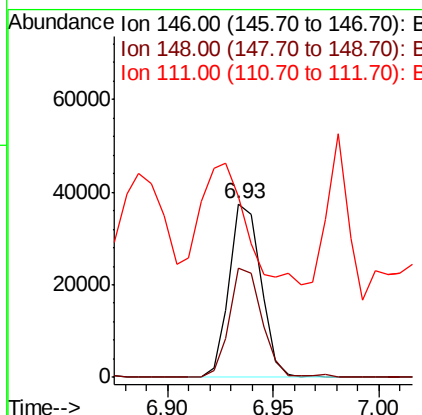
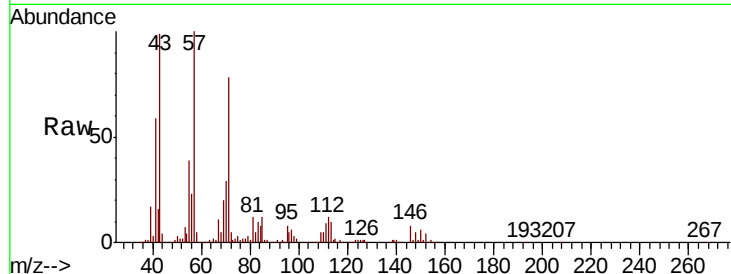




#13
 1,4-Dichlorobenzene
 Concen: 3.340 ng
 RT: 6.93 min Scan# 824
 Delta R.T. 0.02 min
 Lab File: BF111731.D
 Acq: 26 Dec 2018 23:19

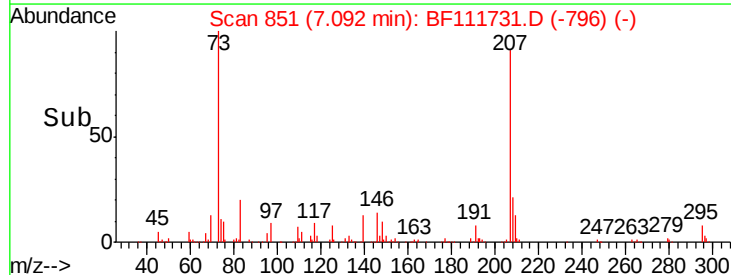
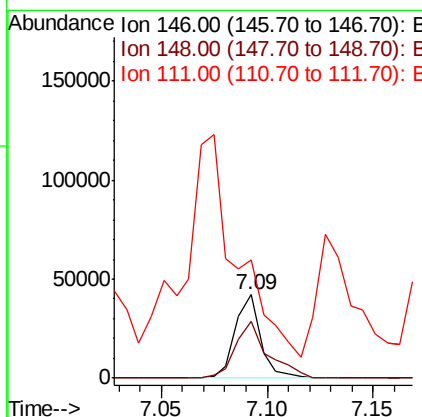
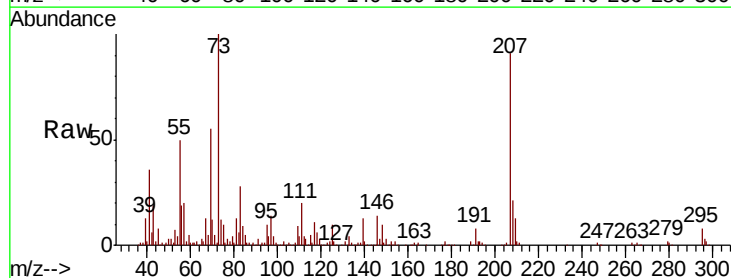
Instrument :
 BNA_F
 ClientSampleId :

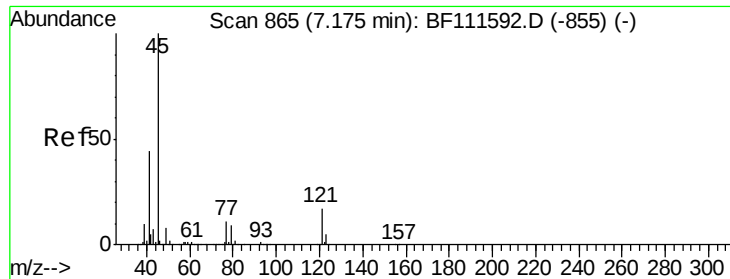
Tot Ion:146 Resp: 38926
 Ion Ratio Lower Upper
 146 100
 148 62.7 52.8 79.2
 111 104.7 33.4 50.0#



#14
 1,2-Dichlorobenzene
 Concen: 3.203 ng
 RT: 7.09 min Scan# 851
 Delta R.T. 0.02 min
 Lab File: BF111731.D
 Acq: 26 Dec 2018 23:19

Tgt Ion:146 Resp: 34828
 Ion Ratio Lower Upper
 146 100
 148 68.5 51.9 77.9
 111 143.0 36.2 54.4#

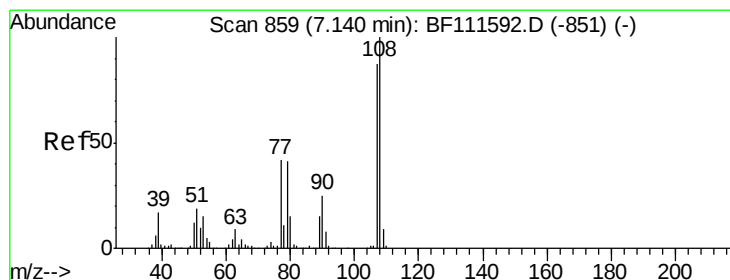
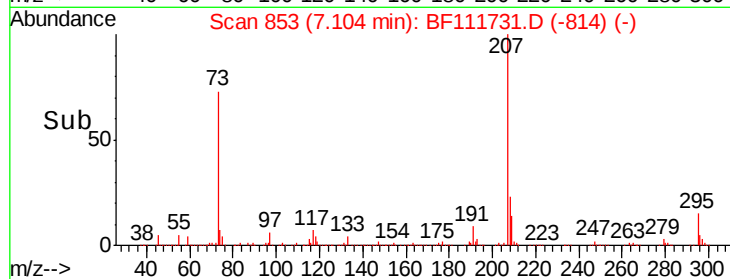
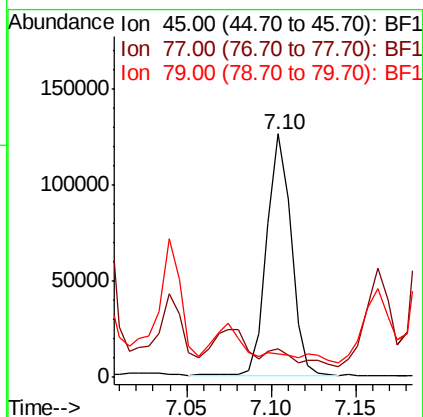
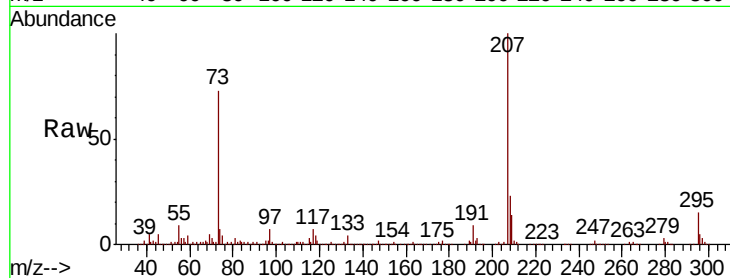




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 7.142 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.07 min
Lab File: BF111731.D
Acq: 26 Dec 2018 23:19

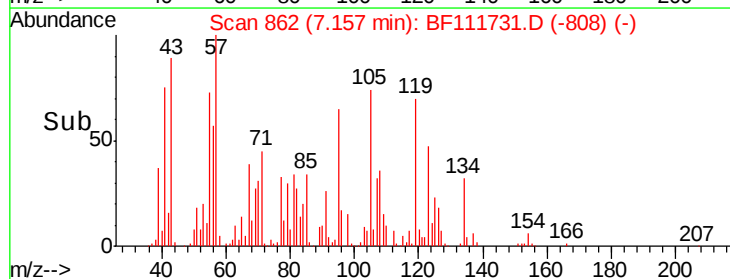
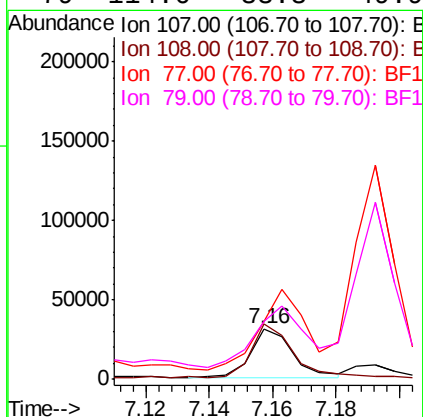
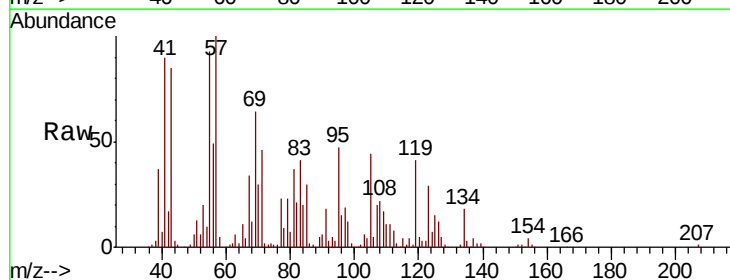
Instrument :
BNA_F
ClientSampleId :

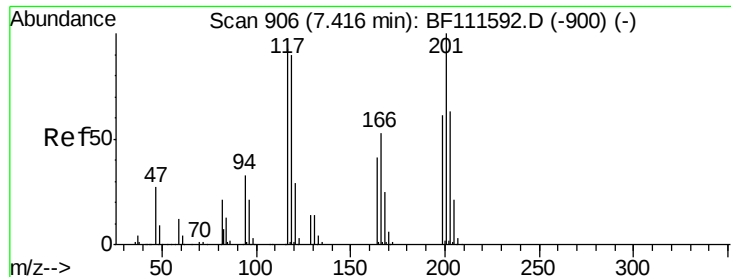
Tot Ion:	45	Resp:	126699
Ion	Ratio	Lower	Upper
45	100		
77	12.0	0.0	31.5
79	9.7	0.0	28.9



#17
2-Methylphenol
Concen: 3.712 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.02 min
Lab File: BF111731.D
Acq: 26 Dec 2018 23:19

Tgt Ion:	107	Resp:	29472
Ion	Ratio	Lower	Upper
107	100		
108	109.4	91.0	136.4
77	115.7	33.5	50.3#
79	114.6	33.3	49.9#

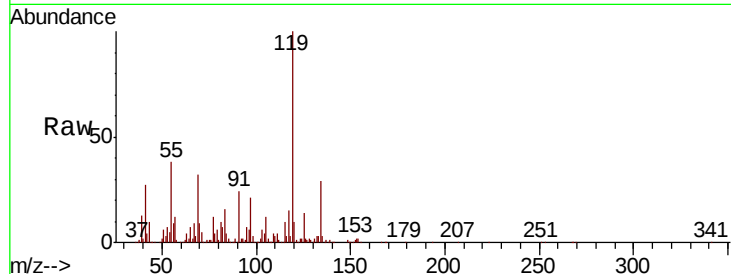




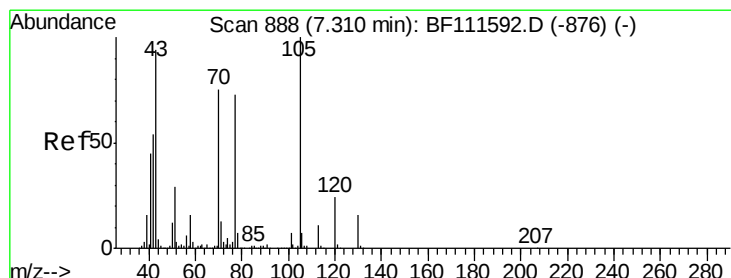
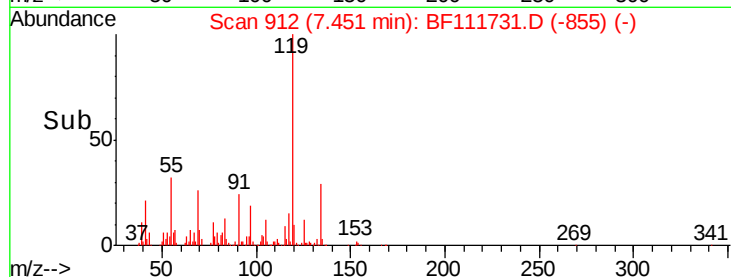
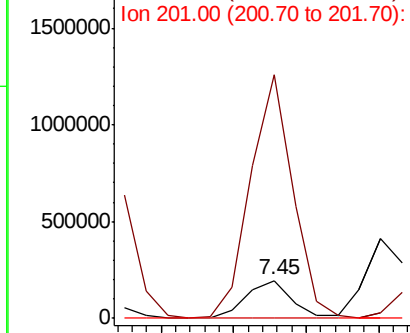
#18
Hexachloroethane
Concen: 43.419 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.04 min
Lab File: BF111731.D
Acq: 26 Dec 2018 23:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 170524
Ion Ratio Lower Upper
117 100
119 647.6 75.4 113.0#
201 0.0 62.4 93.6#

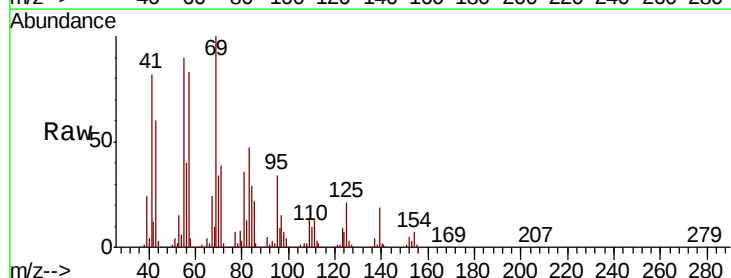


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

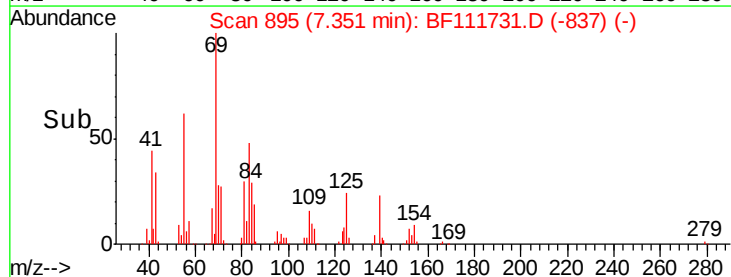
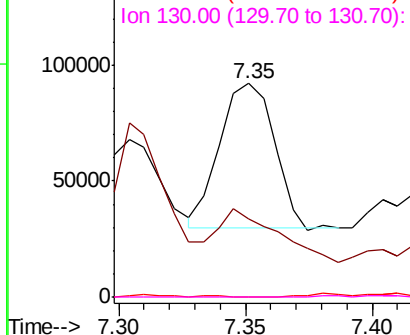


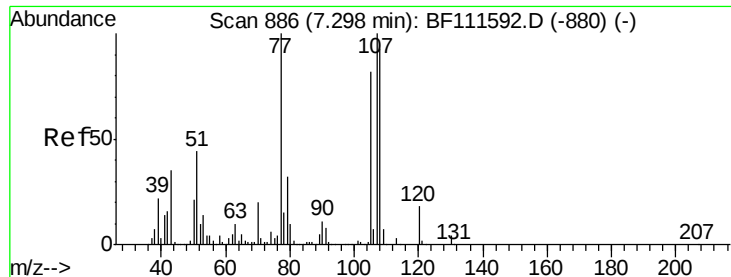
#19
n-Nitroso-di-n-propylamine
Concen: 12.227 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.04 min
Lab File: BF111731.D
Acq: 26 Dec 2018 23:19

Tgt Ion: 70 Resp: 92511
Ion Ratio Lower Upper
70 100
42 36.3 53.2 79.8#
101 0.0 8.2 12.4#
130 0.0 18.1 27.1#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 11.137 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF111731.D

Acq: 26 Dec 2018 23:19

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 111738

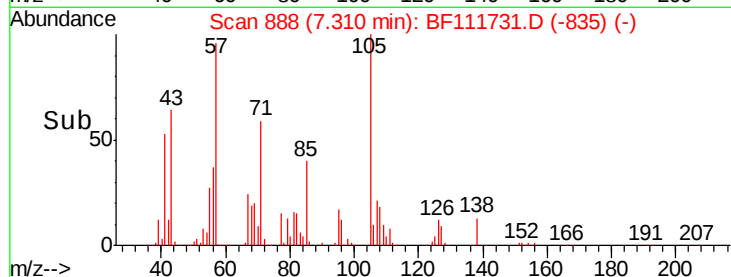
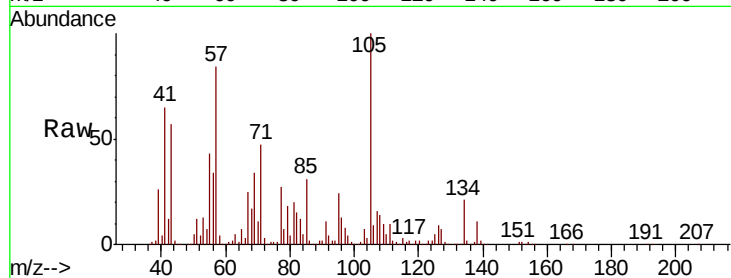
Ion Ratio Lower Upper

107 100

108 85.9 72.1 112.1

77 168.2 94.1 134.1#

79 109.4 9.8 49.8#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->

7.25 7.30 7.35

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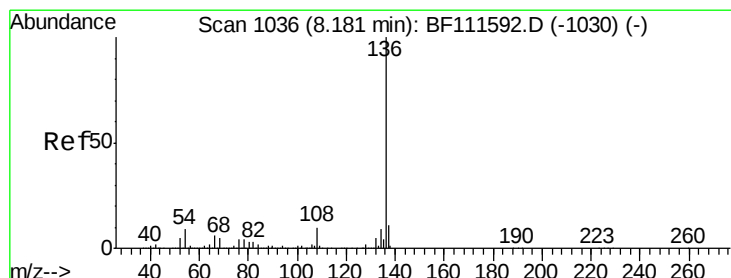
7.31

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7.31



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.02 min

Lab File: BF111731.D

Acq: 26 Dec 2018 23:19

Tgt Ion:136 Resp: 370412

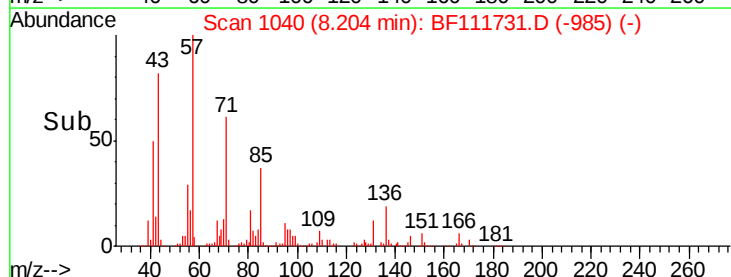
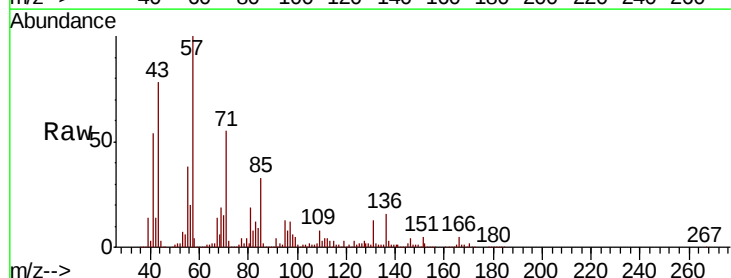
Ion Ratio Lower Upper

136 100

137 20.0 9.1 13.7#

54 34.4 7.7 11.5#

68 34.7 4.9 7.3#



Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

Time-->

8.10 8.15 8.20 8.25

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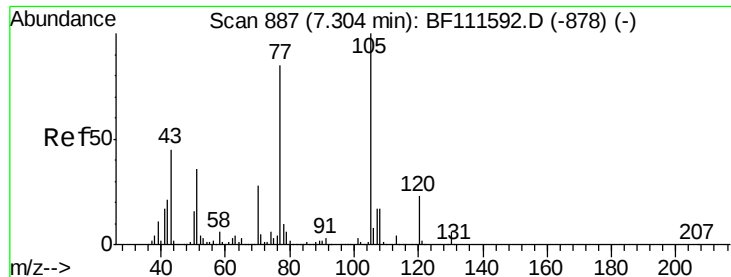
8.20

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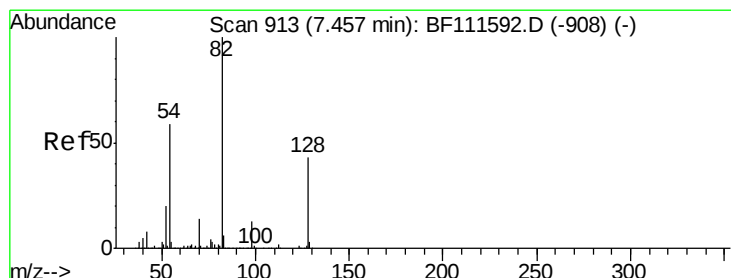
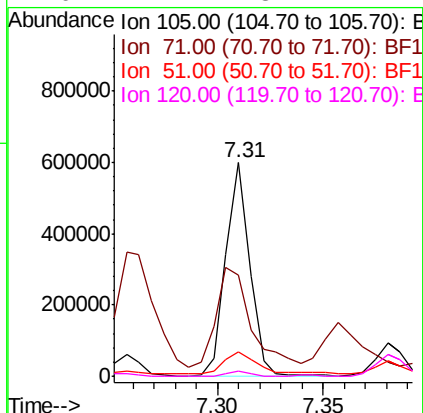
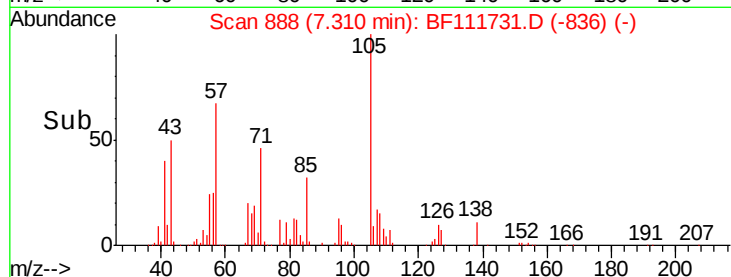
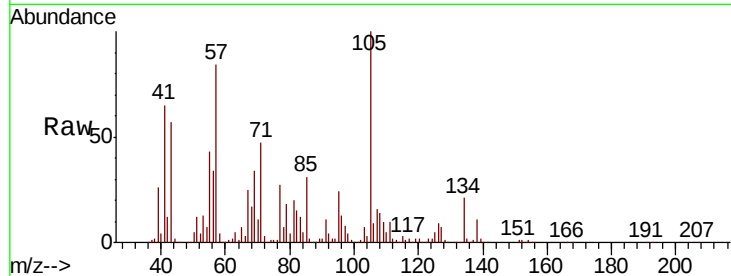
8.20



#22
Acetophenone
Concen: 49.715 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111731.D
Acq: 26 Dec 2018 23:19

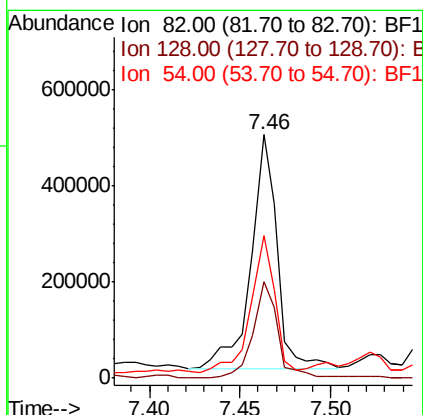
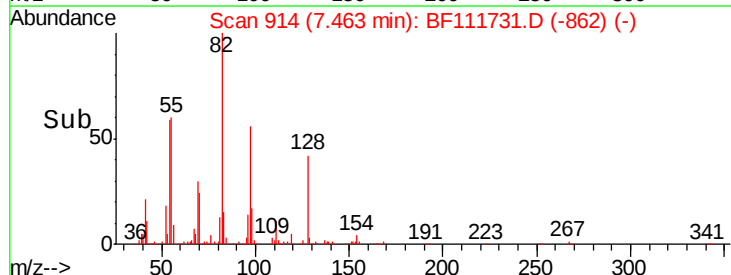
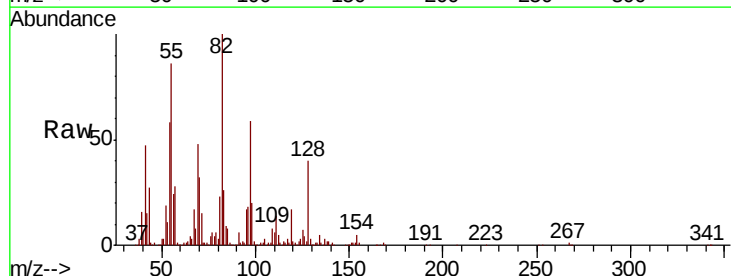
Instrument :
BNA_F
ClientSampleId :

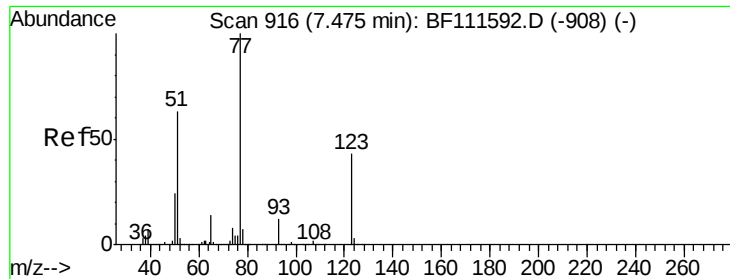
Tot Ion:105 Resp: 466524
Ion Ratio Lower Upper
105 100
71 47.2 3.1 4.7#
51 11.7 36.6 54.8#
120 2.4 18.2 27.4#



#23
Nitrobenzene-d5
Concen: 76.412 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111731.D
Acq: 26 Dec 2018 23:19

Tgt Ion: 82 Resp: 486254
Ion Ratio Lower Upper
82 100
128 39.5 37.4 56.2
54 58.4 47.6 71.4

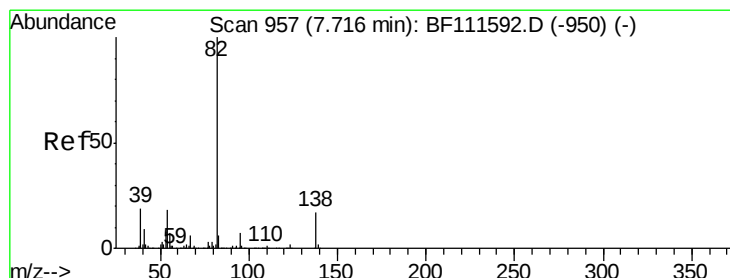
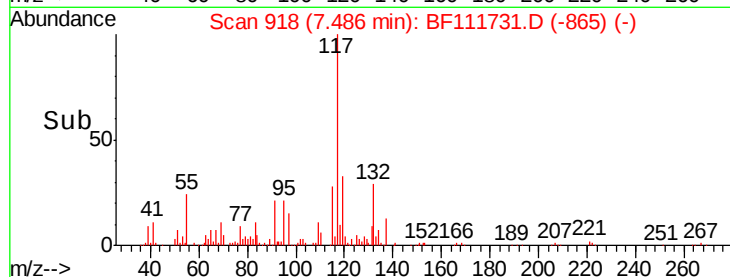
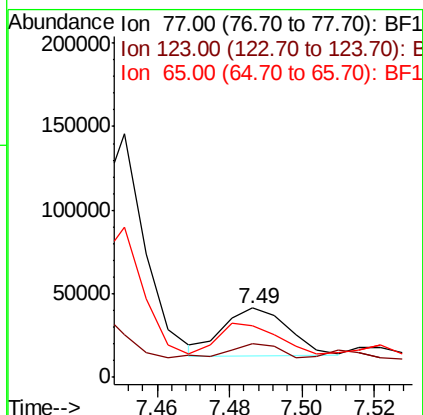
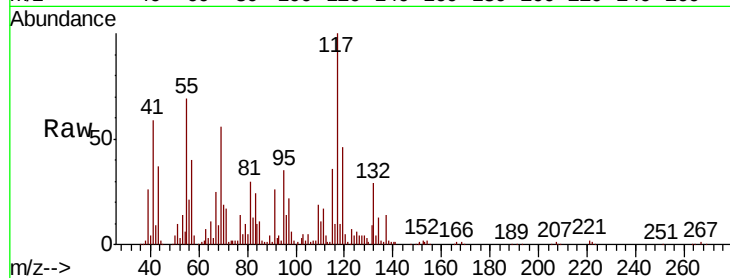




#24
 Nitrobenzene
 Concen: 5.378 ng
 RT: 7.49 min Scan# 918
 Delta R.T. 0.01 min
 Lab File: BF111731.D
 Acq: 26 Dec 2018 23:19

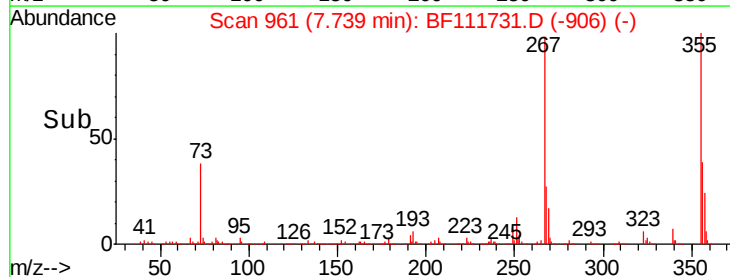
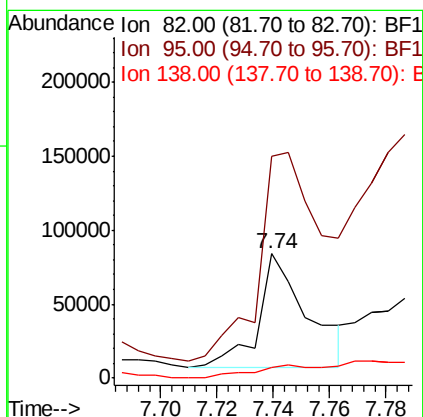
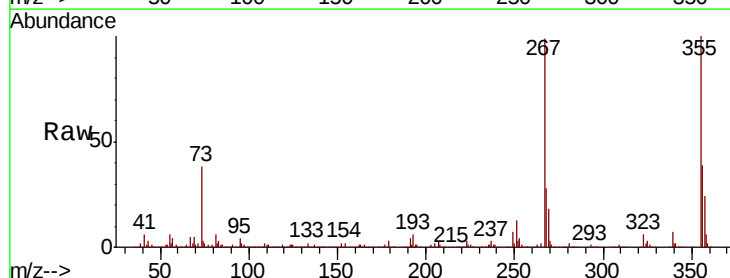
Instrument :
 BNA_F
 ClientSampleId :

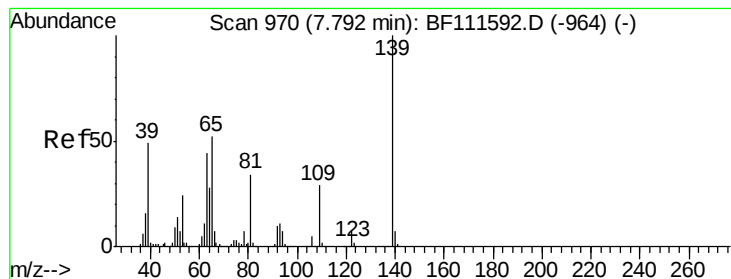
Tot Ion: 77 Resp: 35872
 Ion Ratio Lower Upper
 77 100
 123 49.3 37.2 55.8
 65 75.6 11.5 17.3#



#25
 Isophorone
 Concen: 8.346 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.02 min
 Lab File: BF111731.D
 Acq: 26 Dec 2018 23:19

Tgt Ion: 82 Resp: 94286
 Ion Ratio Lower Upper
 82 100
 95 179.3 5.4 8.2#
 138 8.9 15.1 22.7#





#26

2-Nitrophenol

Concen: 7.560 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.04 min

Lab File: BF111731.D

Acq: 26 Dec 2018 23:19

Instrument :

BNA_F

ClientSampleId :

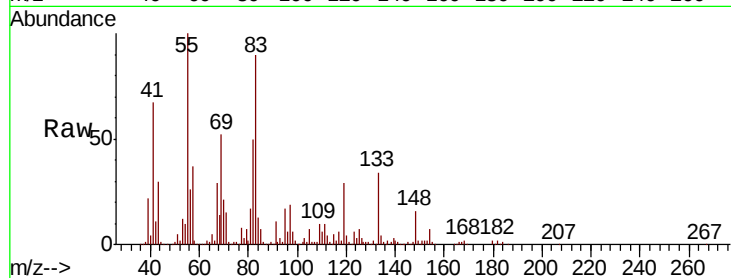
Tot Ion:139 Resp: 20449

Ion Ratio Lower Upper

139 100

109 276.4 20.2 30.4#

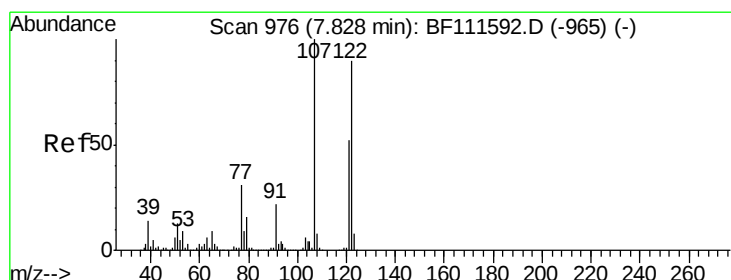
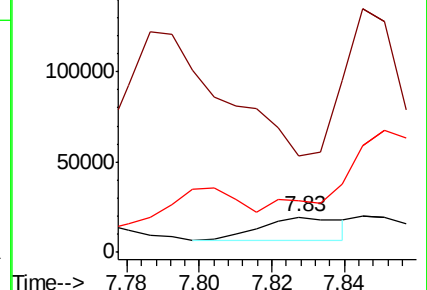
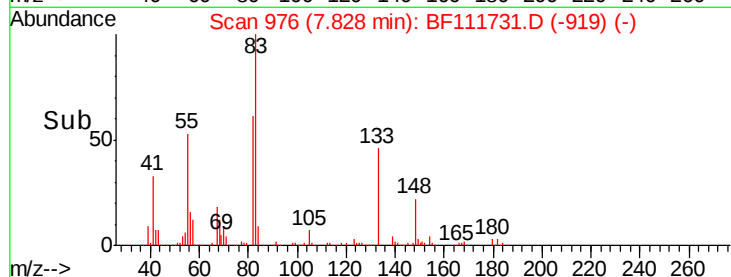
65 148.2 40.7 61.1#



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: 15.994 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.04 min

Lab File: BF111731.D

Acq: 26 Dec 2018 23:19

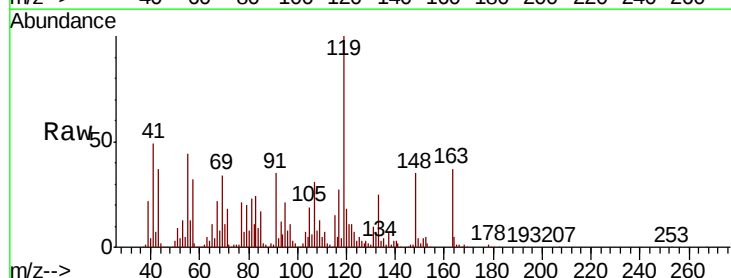
Tgt Ion:122 Resp: 85286

Ion Ratio Lower Upper

122 100

107 298.4 85.5 128.3#

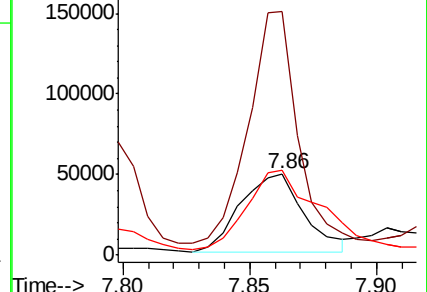
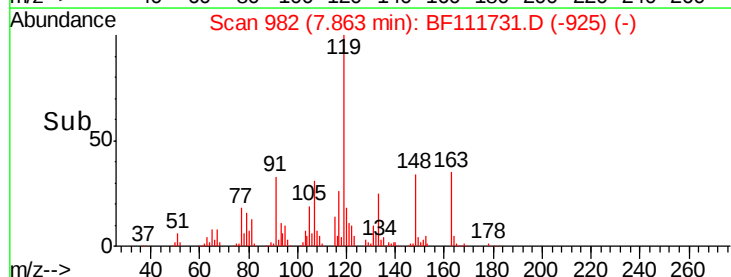
121 104.4 46.6 70.0#

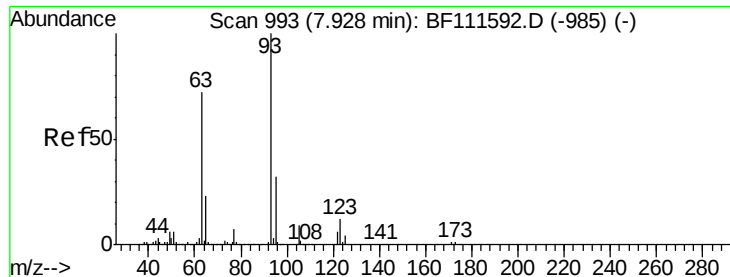


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 2.599 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF111731.D

Acq: 26 Dec 2018 23:19

Instrument :

BNA_F

ClientSampleId :

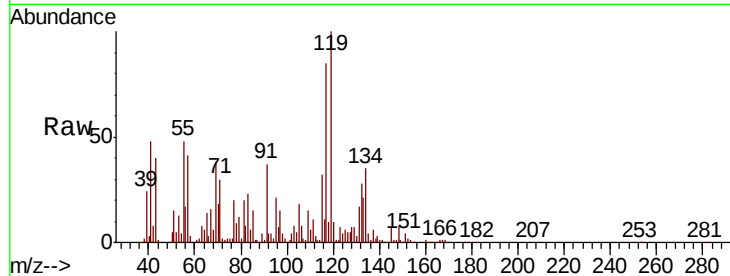
Tot Ion: 93 Resp: 19535

Ion Ratio Lower Upper

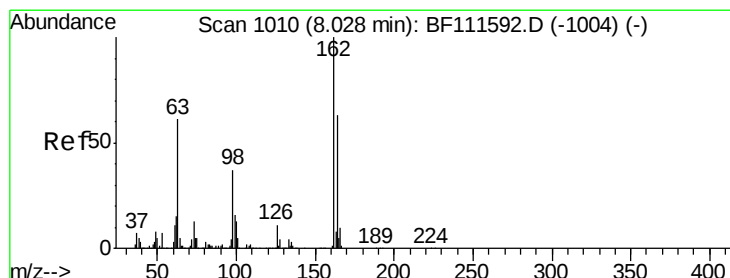
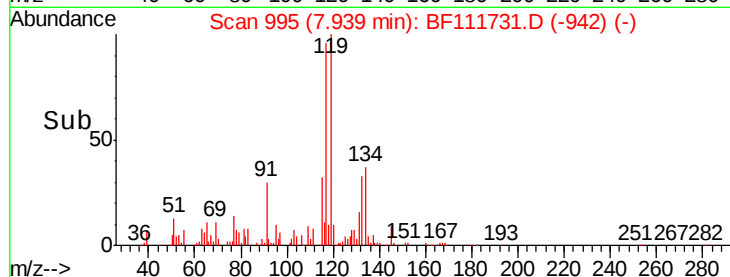
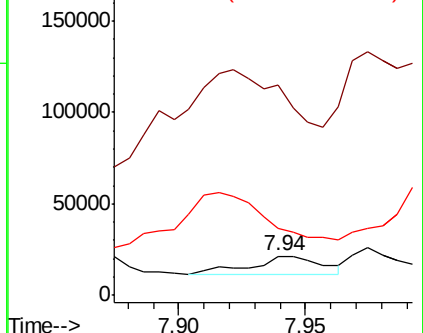
93 100

95 532.0 27.1 40.7#

123 170.4 9.9 14.9#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): BF1



#29

2,4-Dichlorophenol

Concen: 4.547 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.02 min

Lab File: BF111731.D

Acq: 26 Dec 2018 23:19

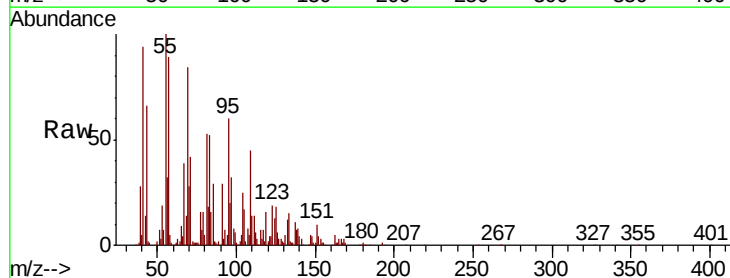
Tgt Ion: 162 Resp: 26081

Ion Ratio Lower Upper

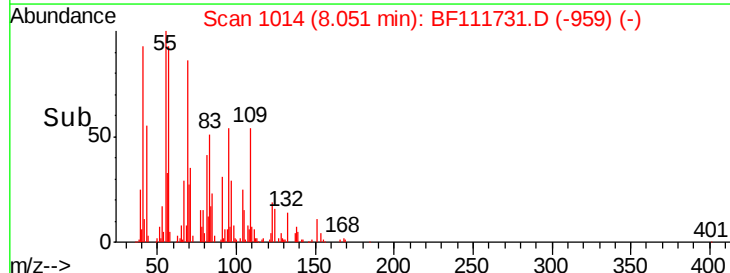
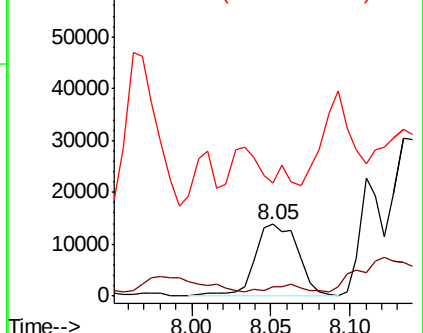
162 100

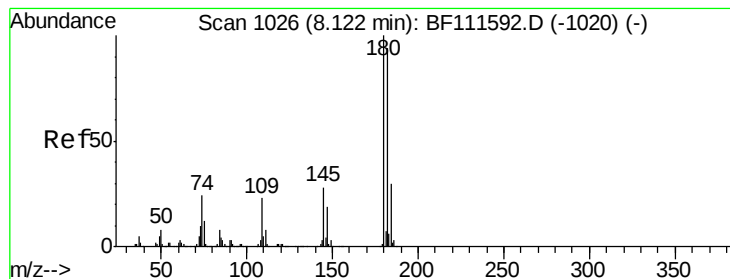
164 12.9 44.4 84.4#

98 157.9 20.3 60.3#



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1





#30

1,2,4-Trichlorobenzene

Concen: 149.779 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.02 min

Lab File: BF111731.D

Acq: 26 Dec 2018 23:19

Instrument :

BNA_F

ClientSampleId :

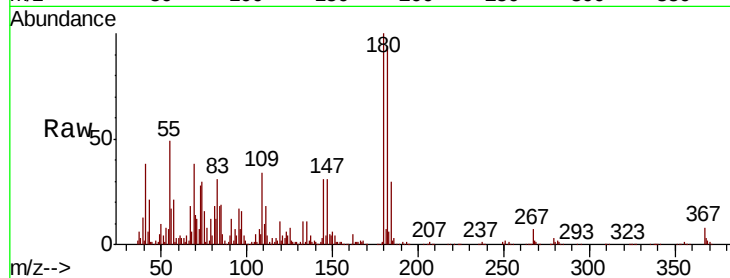
Tot Ion:180 Resp: 957273

Ion Ratio Lower Upper

180 100

182 94.3 75.6 113.4

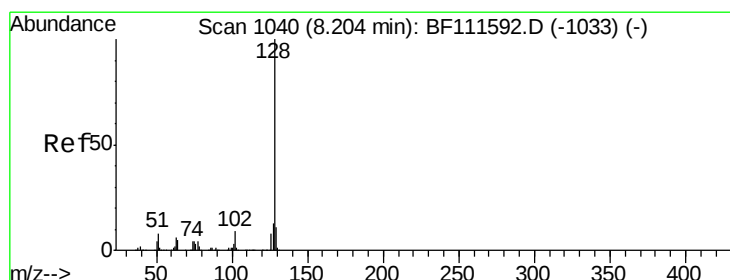
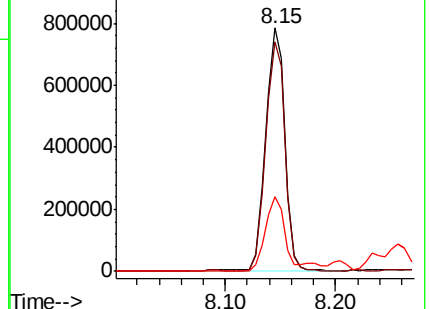
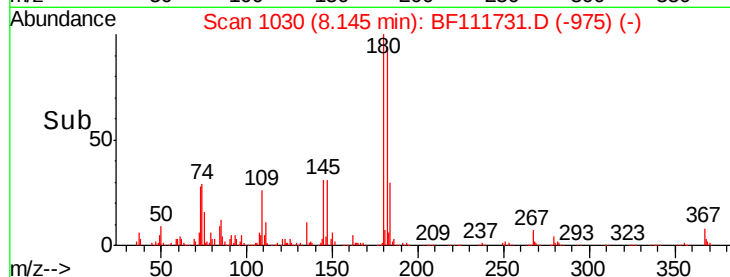
145 30.8 26.7 40.1



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31

Naphthalene

Concen: 112.170 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.02 min

Lab File: BF111731.D

Acq: 26 Dec 2018 23:19

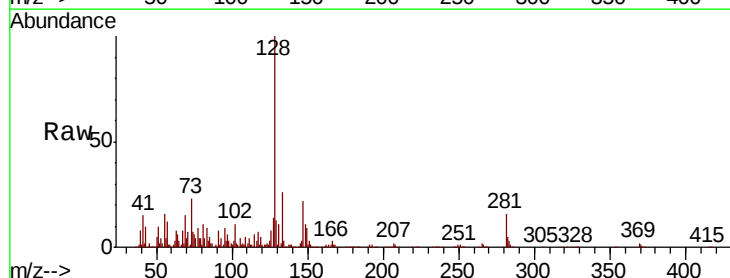
Tgt Ion:128 Resp: 1996380

Ion Ratio Lower Upper

128 100

129 13.3 9.8 14.8

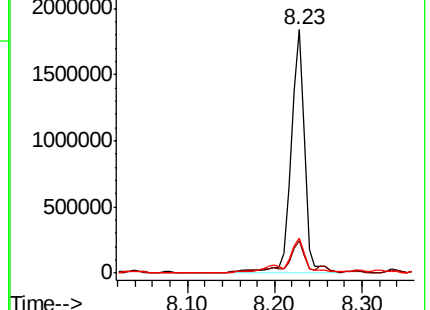
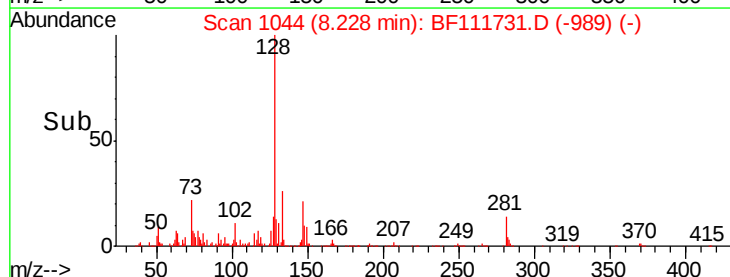
127 14.5 12.0 18.0

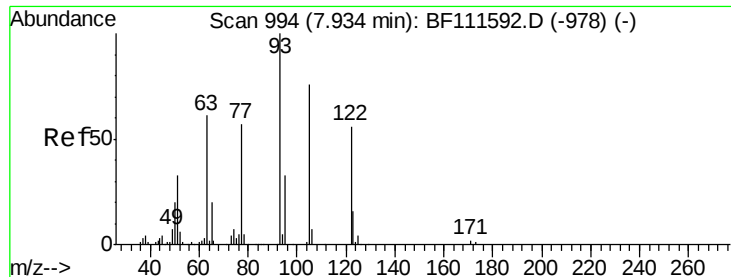


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 12.274 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.05 min

Lab File: BF111731.D

Acq: 26 Dec 2018 23:19

Instrument :

BNA_F

ClientSampleId :

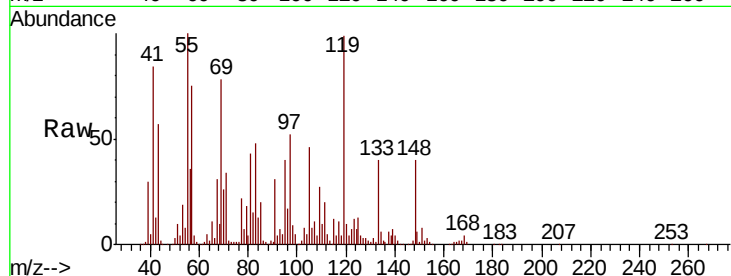
Tot Ion:122 Resp: 43275

Ion Ratio Lower Upper

122 100

105 637.8 97.0 137.0#

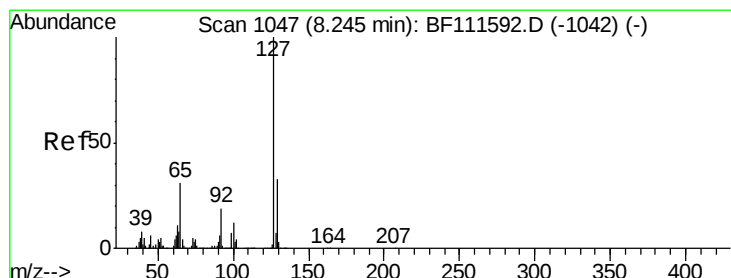
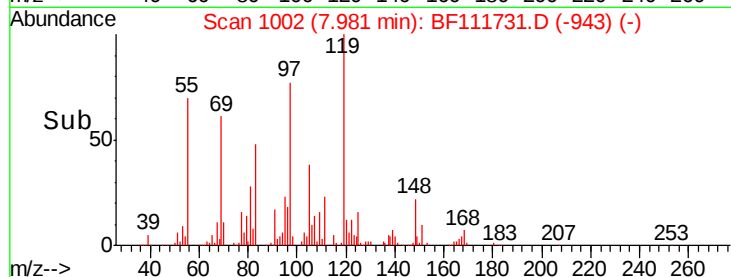
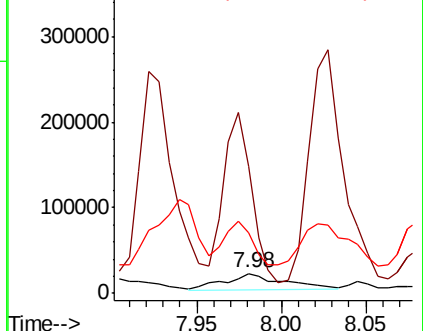
77 303.2 65.7 105.7#



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: 33.880 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.02 min

Lab File: BF111731.D

Acq: 26 Dec 2018 23:19

Tgt Ion:127 Resp: 260626

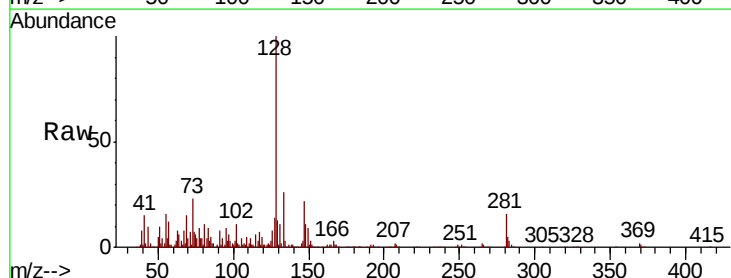
Ion Ratio Lower Upper

127 100

129 92.0 26.6 39.8#

65 20.6 25.7 38.5#

92 5.8 15.4 23.2#

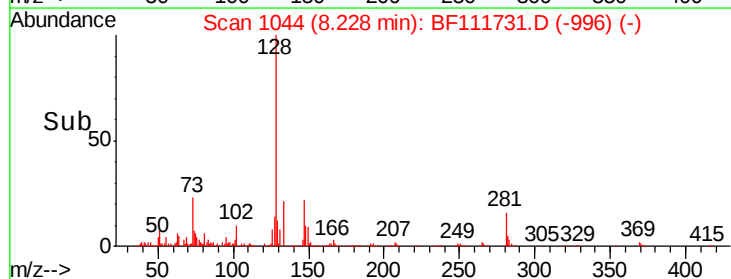
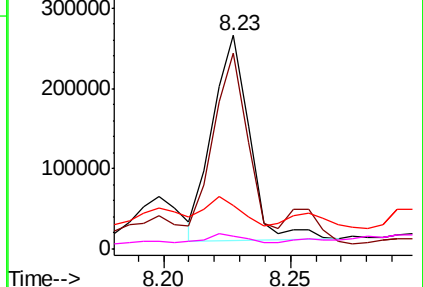


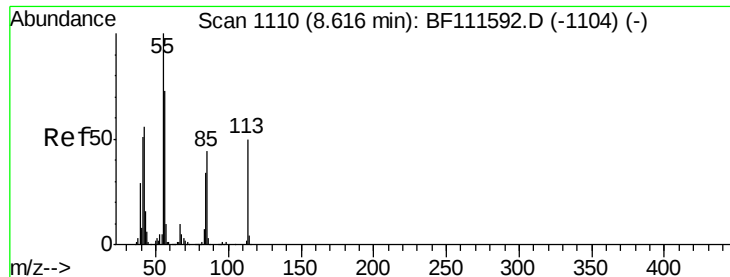
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

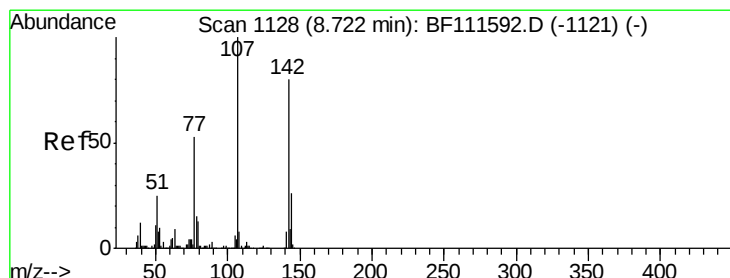
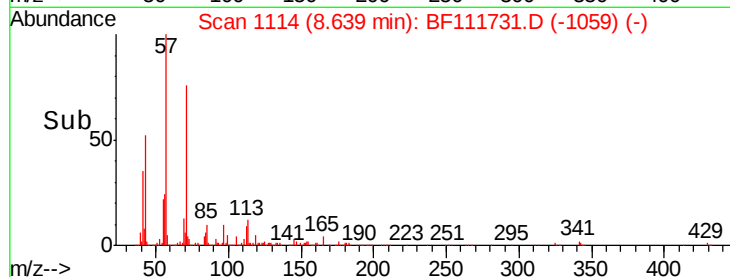
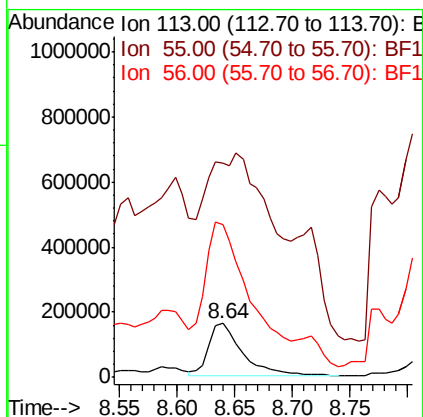
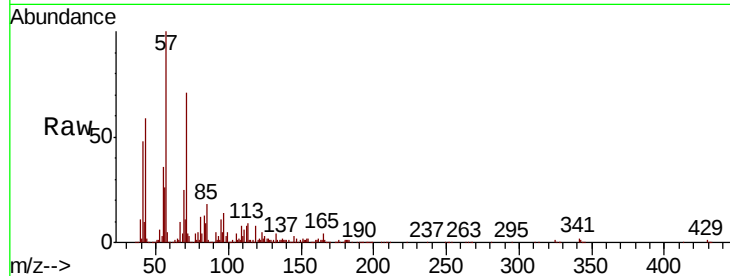




#35
 Caprolactam
 Concen: 169.473 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.02 min
 Lab File: BF111731.D
 Acq: 26 Dec 2018 23:19

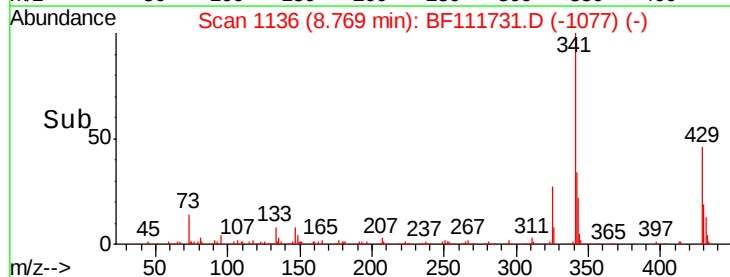
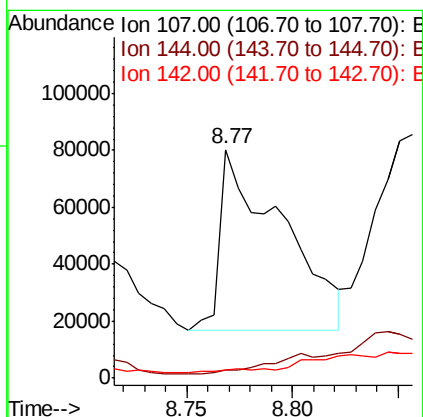
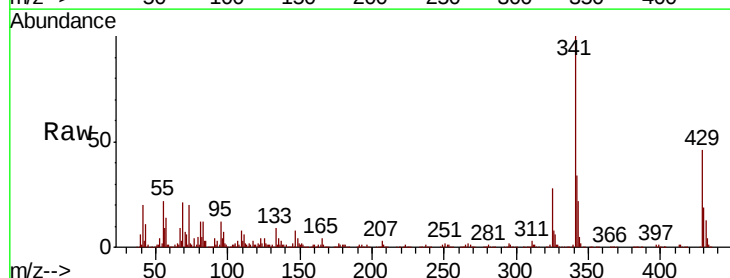
Instrument :
 BNA_F
 ClientSampled :

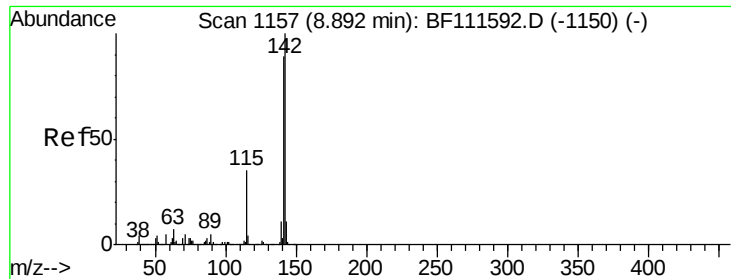
Tot Ion:113 Resp: 329361
 Ion Ratio Lower Upper
 113 100
 55 397.0 184.1 224.1#
 56 283.3 126.0 166.0#



#36
 4-Chloro-3-methylphenol
 Concen: 22.961 ng
 RT: 8.77 min Scan# 1136
 Delta R.T. 0.05 min
 Lab File: BF111731.D
 Acq: 26 Dec 2018 23:19

Tgt Ion:107 Resp: 129450
 Ion Ratio Lower Upper
 107 100
 144 3.3 19.8 29.6#
 142 3.4 62.3 93.5#

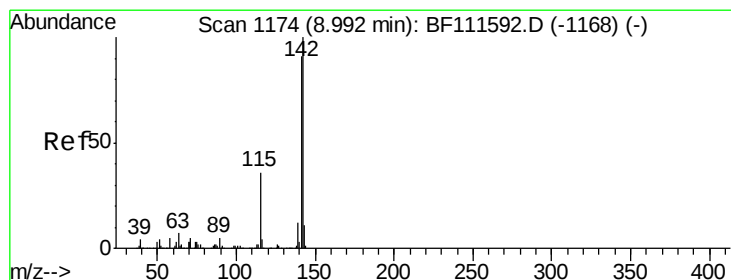
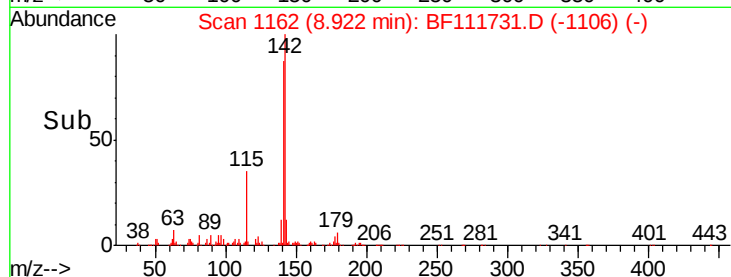
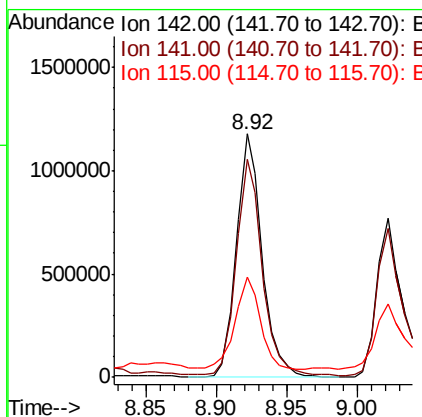
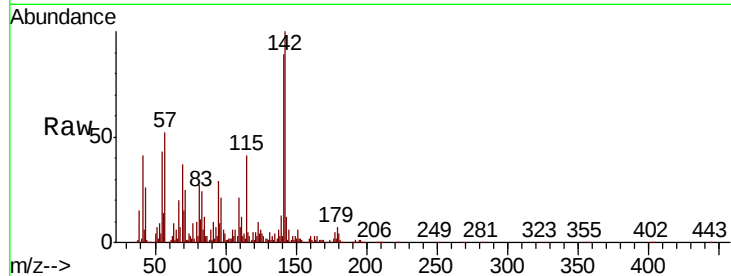




#37
2-Methylnaphthalene
Concen: 127.361 ng
RT: 8.92 min Scan# 1162
Delta R.T. 0.03 min
Lab File: BF111731.D
Acq: 26 Dec 2018 23:19

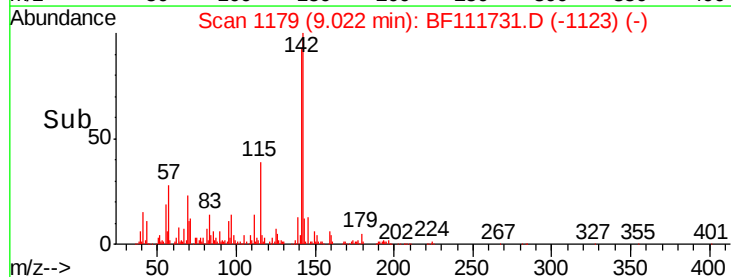
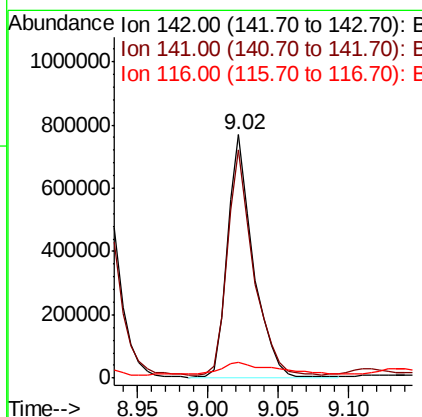
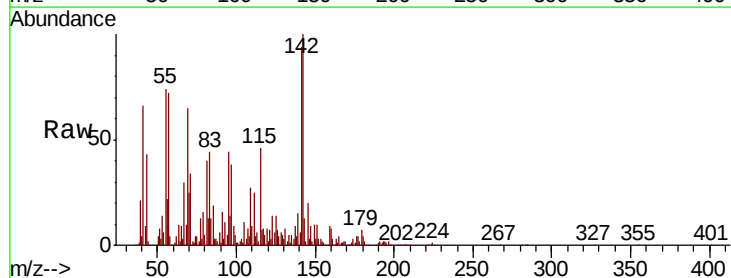
Instrument :
BNA_F
ClientSampleId :

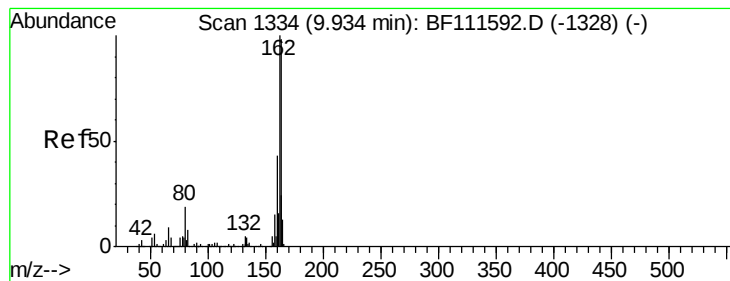
Tot Ion:142 Resp: 1474757
Ion Ratio Lower Upper
142 100
141 89.4 70.6 105.8
115 41.0 27.0 40.6#



#38
1-Methylnaphthalene
Concen: 85.878 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.03 min
Lab File: BF111731.D
Acq: 26 Dec 2018 23:19

Tgt Ion:142 Resp: 955040
Ion Ratio Lower Upper
142 100
141 94.0 74.2 111.4
116 6.7 2.9 4.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.04 min

Lab File: BF111731.D

Acq: 26 Dec 2018 23:19

Instrument :

BNA_F

ClientSampleId :

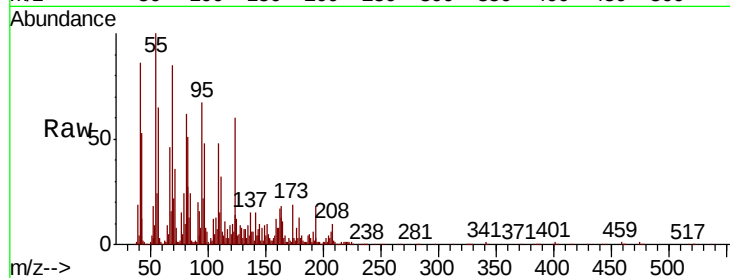
Tot Ion:164 Resp: 183359

Ion Ratio Lower Upper

164 100

162 93.4 81.4 122.0

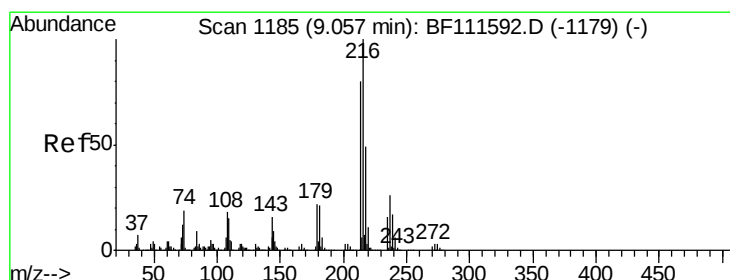
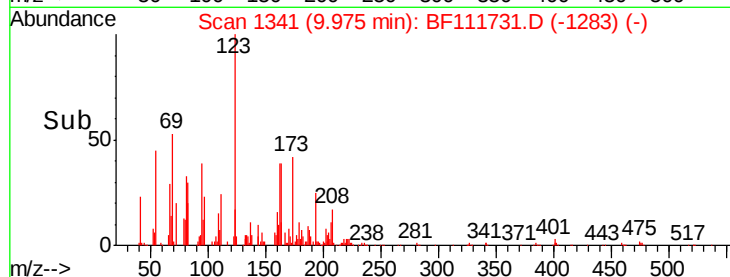
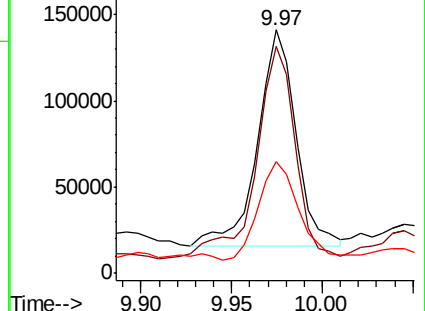
160 45.8 35.7 53.5



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.669 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.04 min

Lab File: BF111731.D

Acq: 26 Dec 2018 23:19

Tgt Ion:216 Resp: 245035

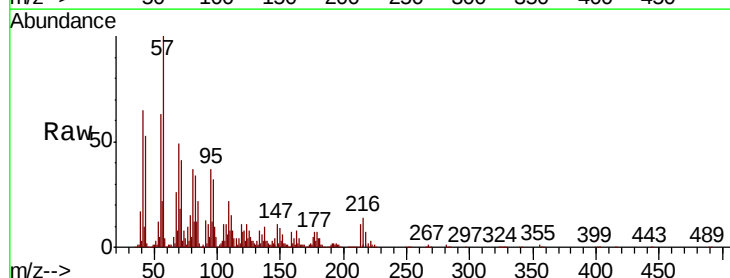
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.8

179 0.0 17.9 26.9#

108 33.8 18.4 27.6#

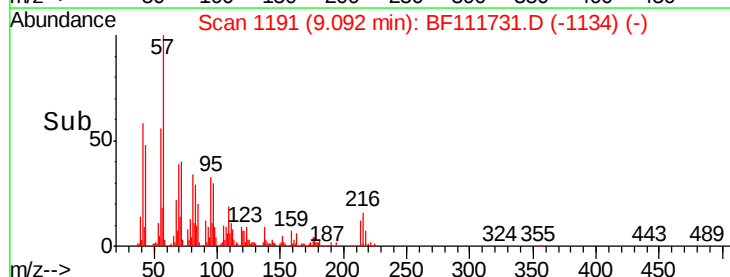
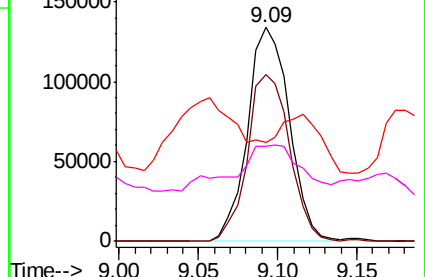


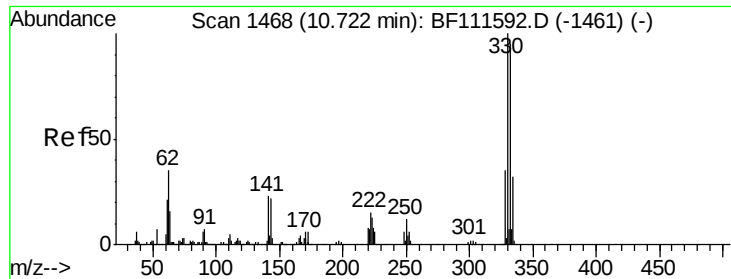
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

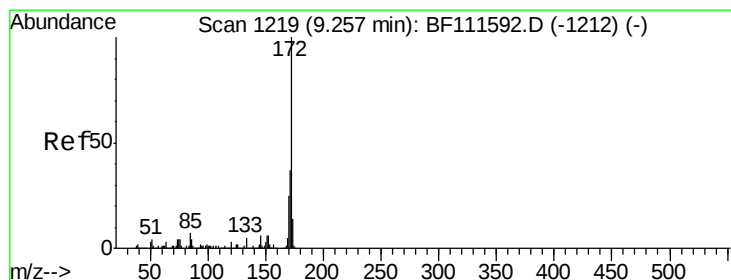
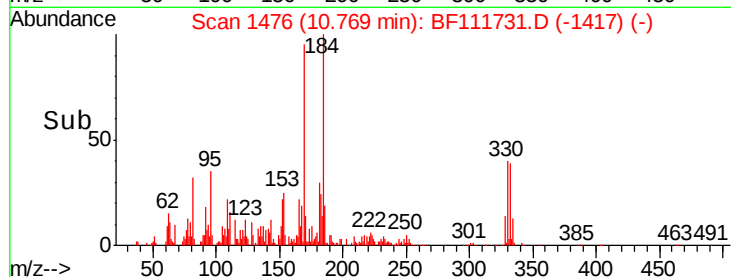
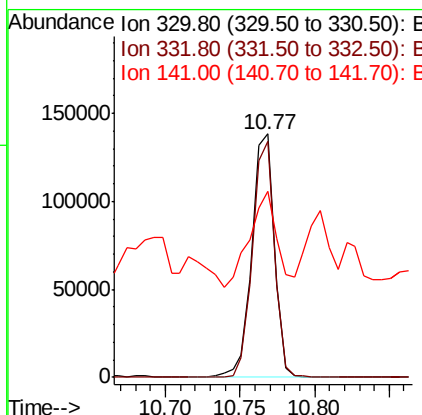
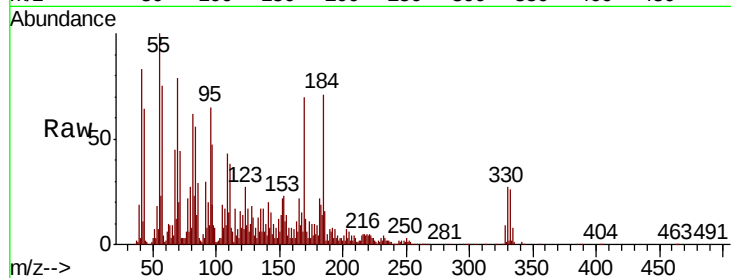




#42
 2,4,6-Tribromophenol
 Concen: 66.248 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. 0.05 min
 Lab File: BF111731.D
 Acq: 26 Dec 2018 23:19

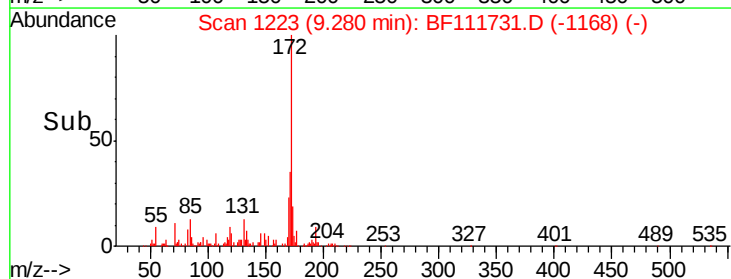
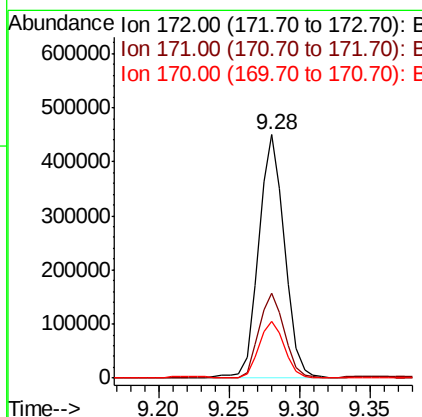
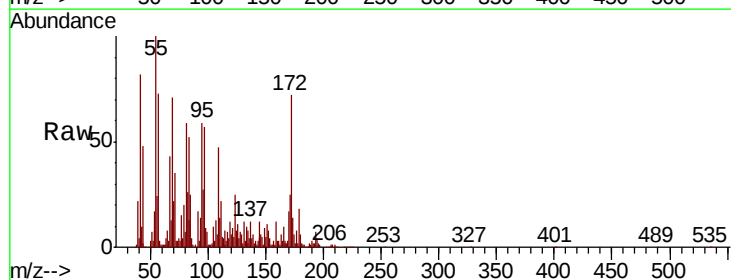
Instrument :
 BNA_F
 ClientSampleId :

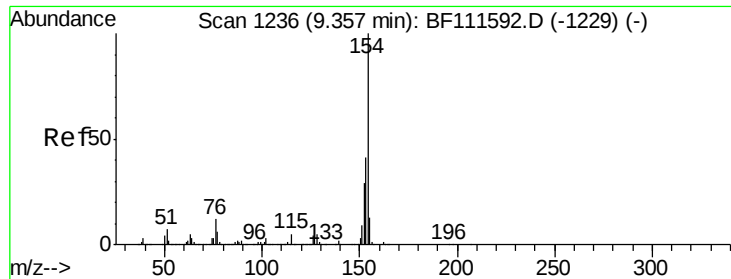
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	76.0	114.0
141	46.6	31.0	46.6#



#45
 2-Fluorobiphenyl
 Concen: 46.042 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.02 min
 Lab File: BF111731.D
 Acq: 26 Dec 2018 23:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	33.0	49.4
170	23.1	22.3	33.5

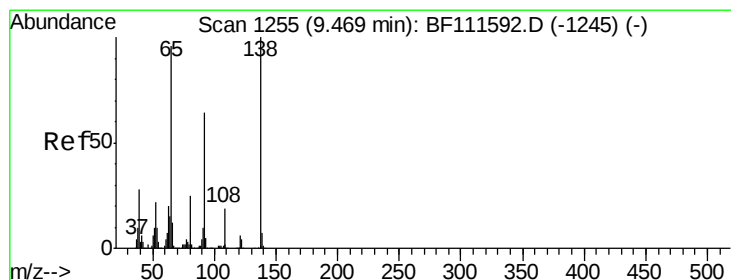
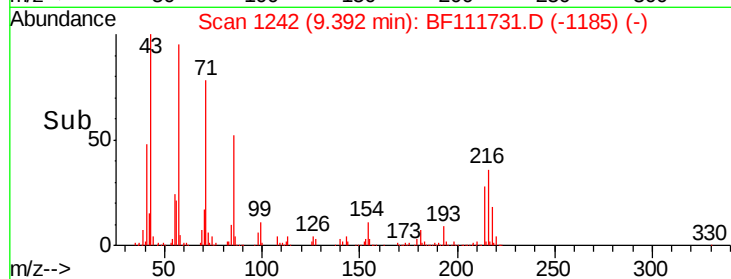
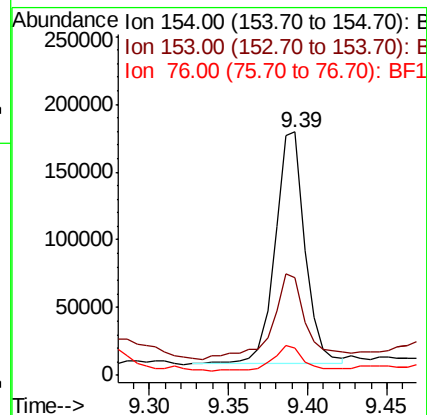
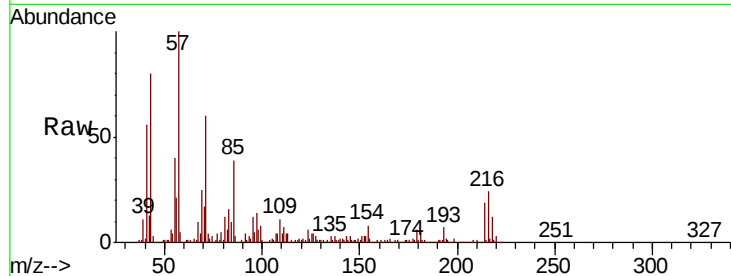




#46
 1,1'-Biphenyl
 Concen: 14.473 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.04 min
 Lab File: BF111731.D
 Acq: 26 Dec 2018 23:19

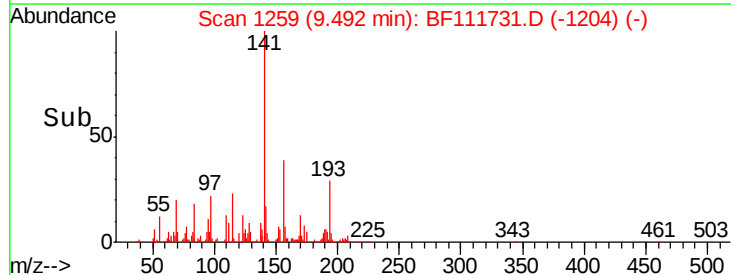
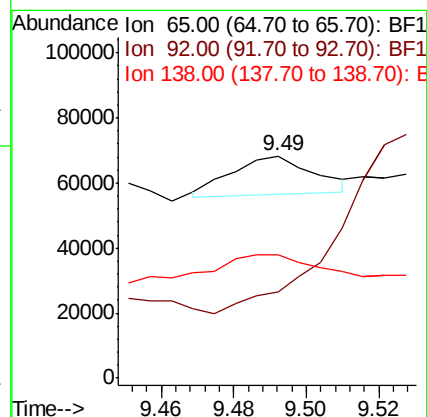
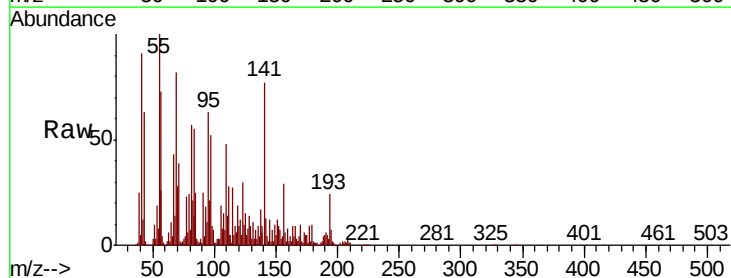
Instrument :
 BNA_F
 ClientSampleId :

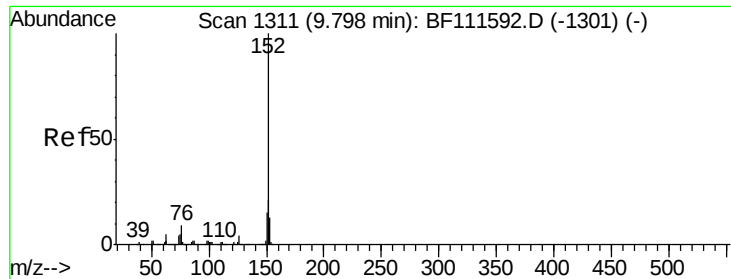
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	23.7	63.7
76	11.3	0.0	35.0



#48
 2-Nitroaniline
 Concen: 5.832 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. 0.02 min
 Lab File: BF111731.D
 Acq: 26 Dec 2018 23:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	38.7	53.5	80.3#
138	55.4	80.9	121.3#





#49

Acenaphthylene

Concen: 8.227 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.04 min

Lab File: BF111731.D

Acq: 26 Dec 2018 23:19

Instrument :

BNA_F

ClientSampled :

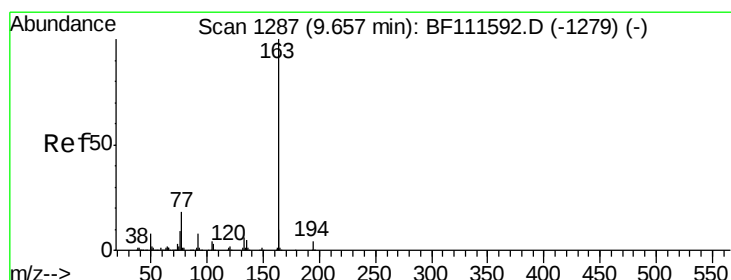
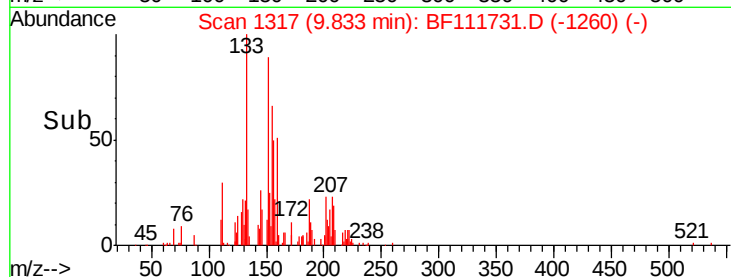
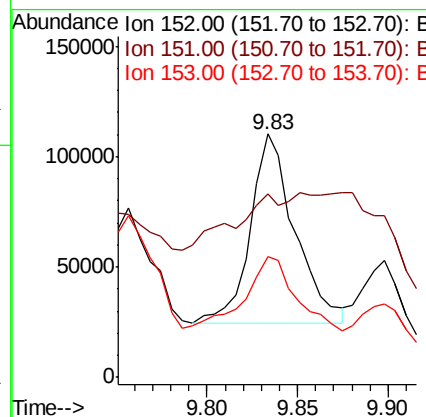
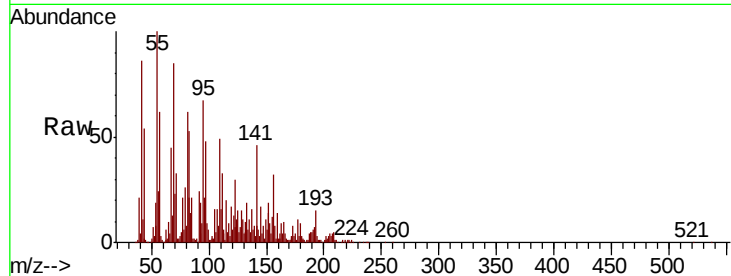
Tot Ion:152 Resp: 147311

Ion Ratio Lower Upper

152 100

151 75.6 18.0 27.0#

153 49.8 12.3 18.5#



#50

Dimethylphthalate

Concen: 2.347 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.03 min

Lab File: BF111731.D

Acq: 26 Dec 2018 23:19

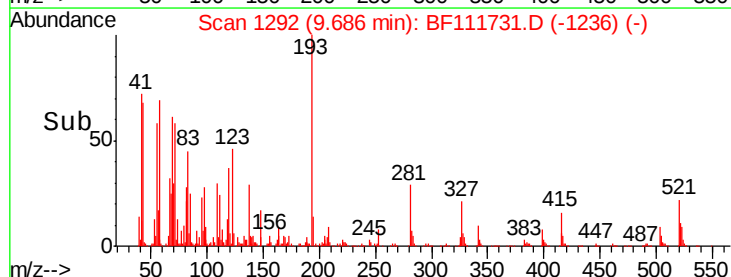
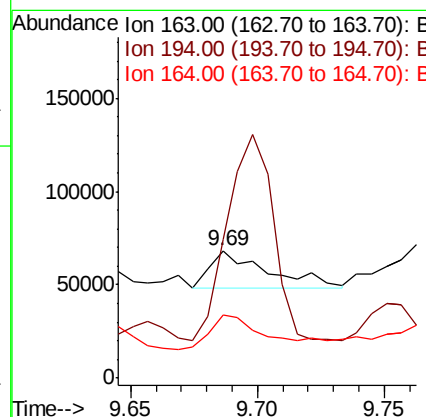
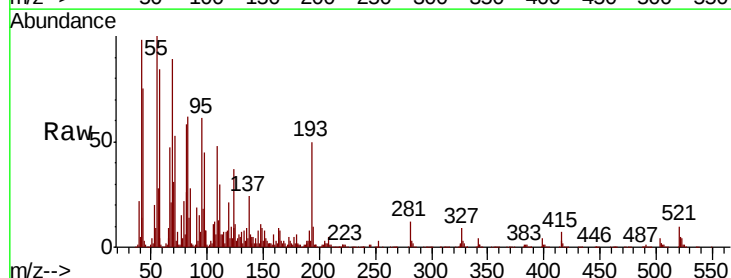
Tgt Ion:163 Resp: 31473

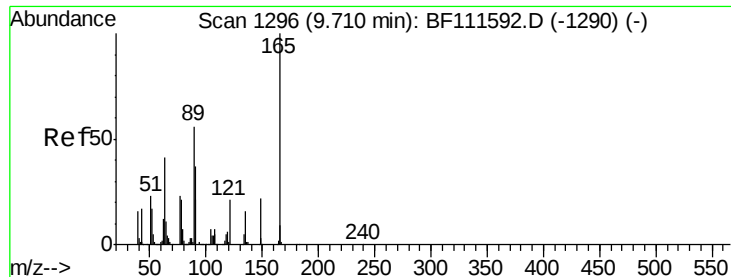
Ion Ratio Lower Upper

163 100

194 108.9 3.0 4.6#

164 49.3 8.9 13.3#





#51

2,6-Dinitrotoluene

Concen: 10.228 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.05 min

Lab File: BF111731.D

Acq: 26 Dec 2018 23:19

Instrument :

BNA_F

ClientSampleId :

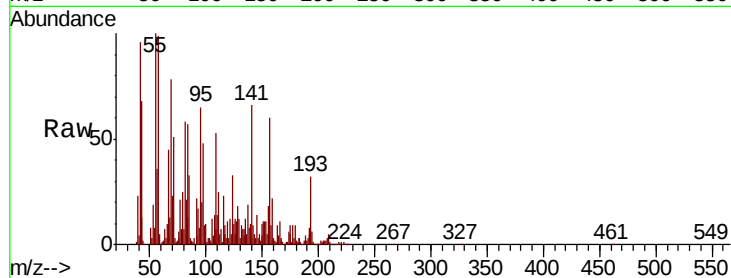
Tot Ion:165 Resp: 27346

Ion Ratio Lower Upper

165 100

63 60.5 40.5 60.7

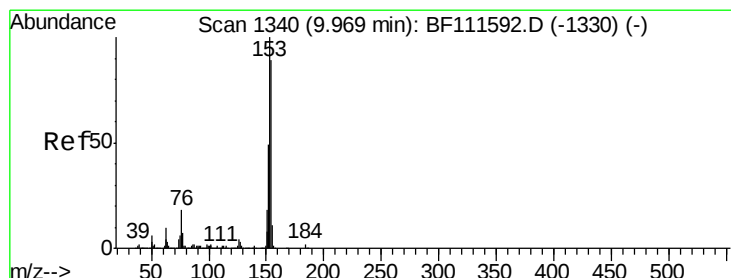
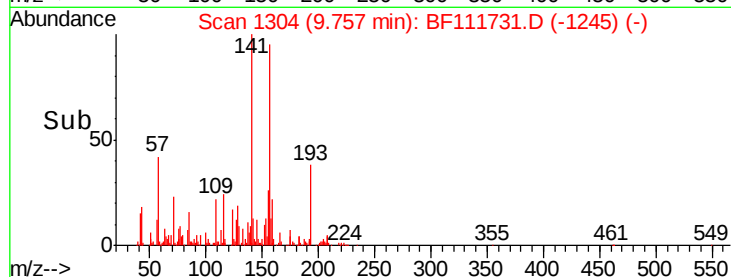
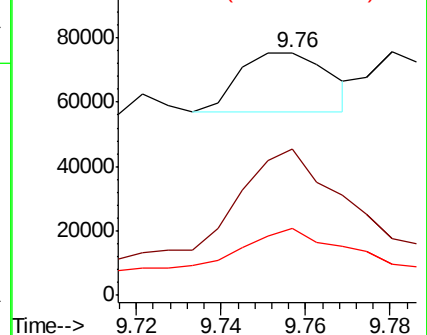
89 27.8 40.0 60.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 3.502 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.04 min

Lab File: BF111731.D

Acq: 26 Dec 2018 23:19

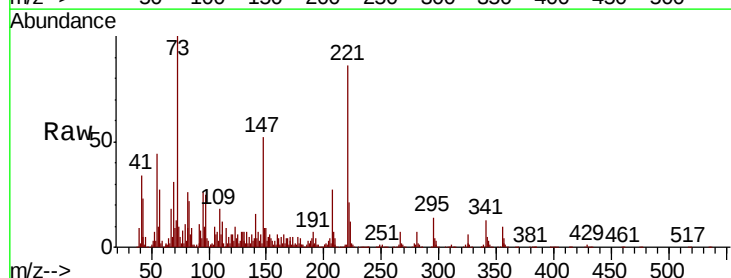
Tgt Ion:154 Resp: 38678

Ion Ratio Lower Upper

154 100

153 151.7 87.8 131.8#

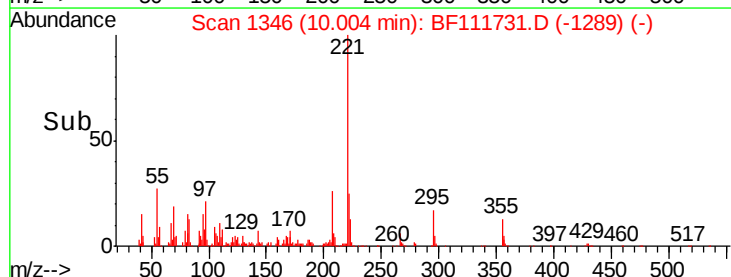
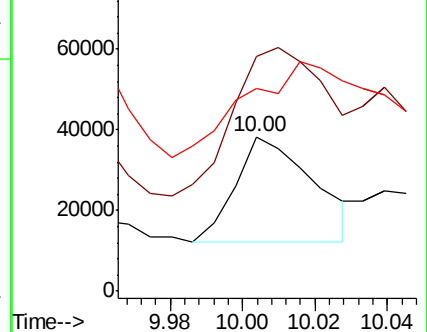
152 131.0 43.4 65.2#

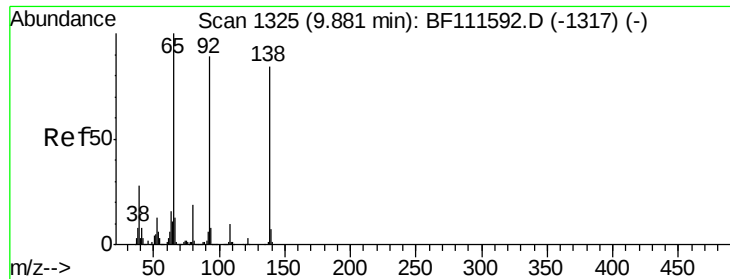


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

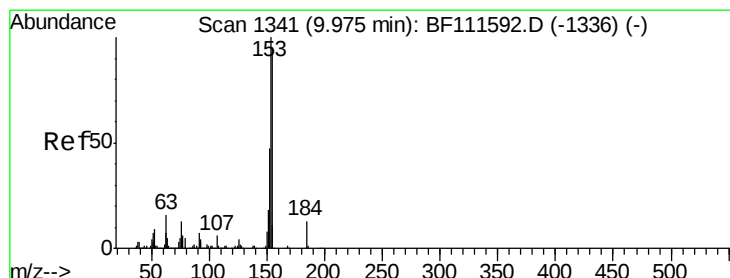
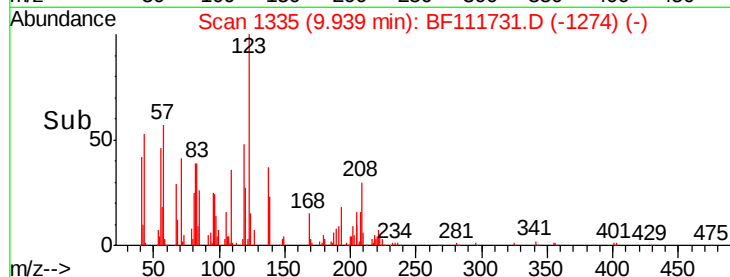
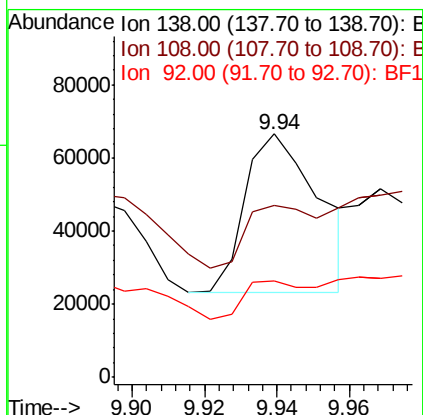
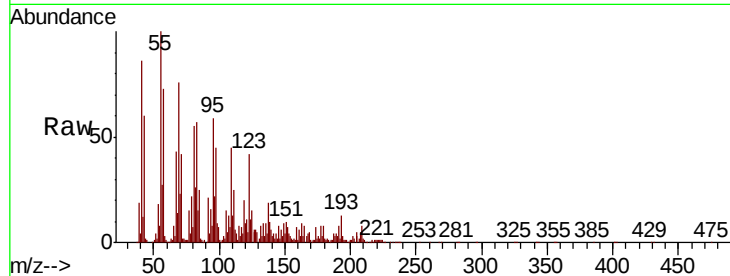




#53
3-Nitroaniline
Concen: 21.491 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.06 min
Lab File: BF111731.D
Acq: 26 Dec 2018 23:19

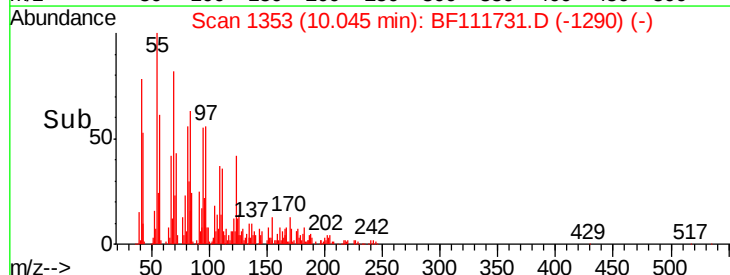
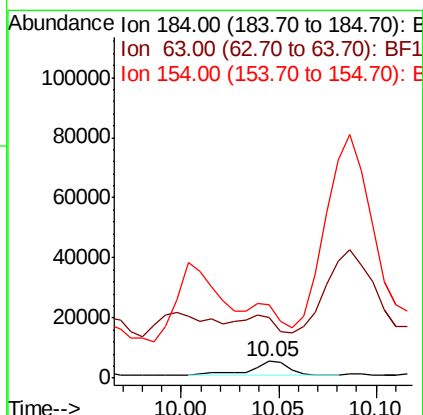
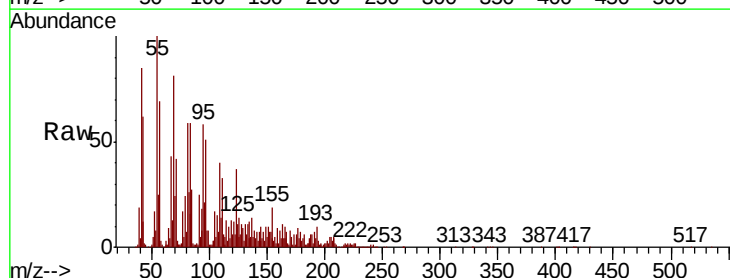
Instrument :
BNA_F
ClientSampleId :

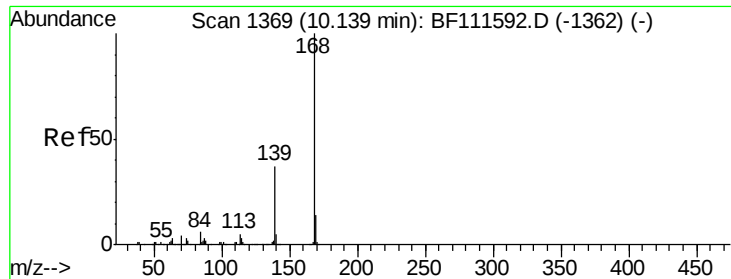
Tot Ion:138 Resp: 61281
Ion Ratio Lower Upper
138 100
108 70.4 8.2 12.4#
92 39.6 93.4 140.2#



#54
2,4-Dinitrophenol
Concen: 14.573 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.07 min
Lab File: BF111731.D
Acq: 26 Dec 2018 23:19

Tgt Ion:184 Resp: 6861
Ion Ratio Lower Upper
184 100
63 354.6 62.3 93.5#
154 431.9 56.2 84.2#

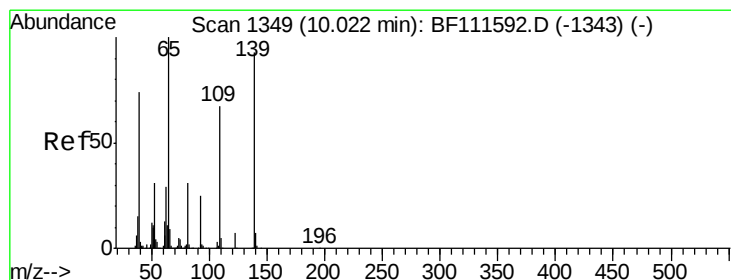
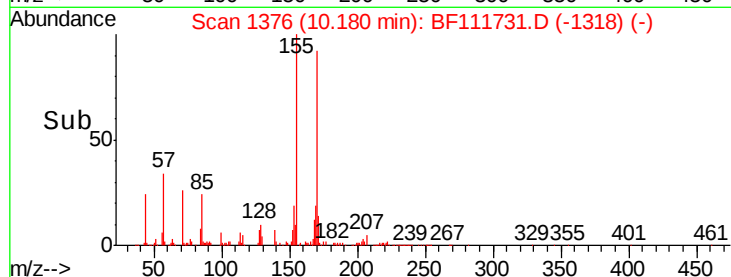
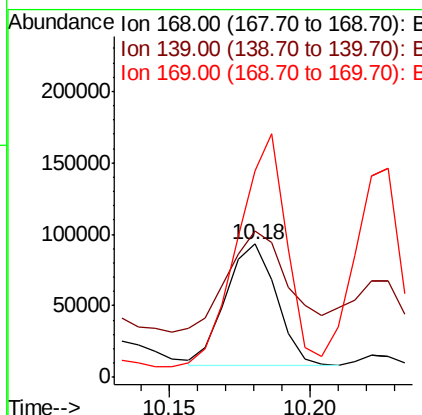
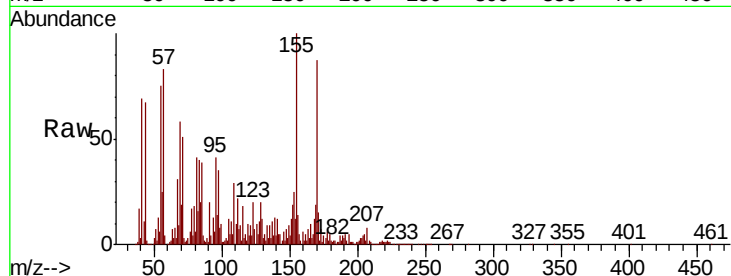




#55
Dibenzofuran
Concen: 6.354 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.04 min
Lab File: BF111731.D
Acq: 26 Dec 2018 23:19

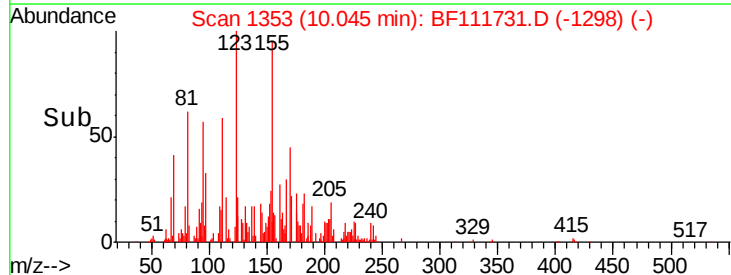
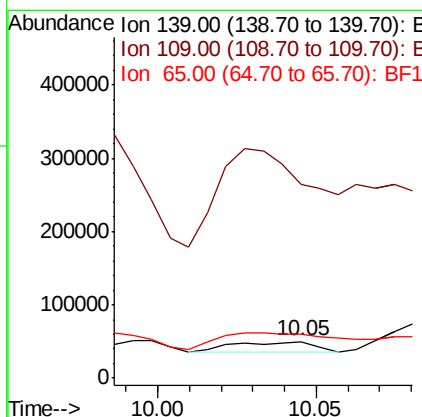
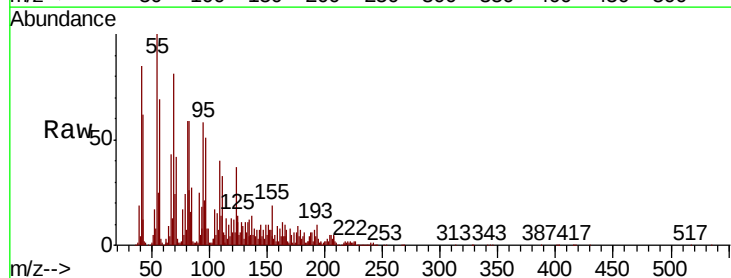
Instrument :
BNA_F
ClientSampleId :

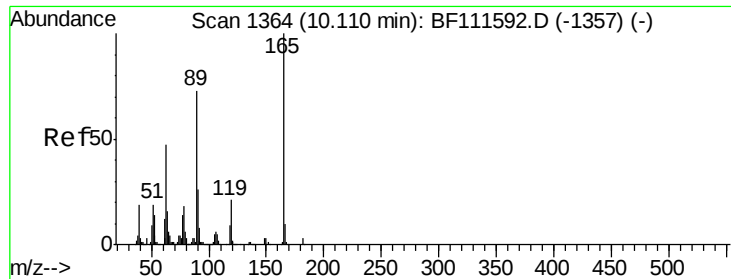
Tot Ion	Ratio	Lower	Upper
168	100		
139	109.7	32.6	49.0#
169	155.1	11.8	17.6#



#56
4-Nitrophenol
Concen: 12.253 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.02 min
Lab File: BF111731.D
Acq: 26 Dec 2018 23:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	526.4	41.8	81.8#
65	120.4	79.6	119.6#

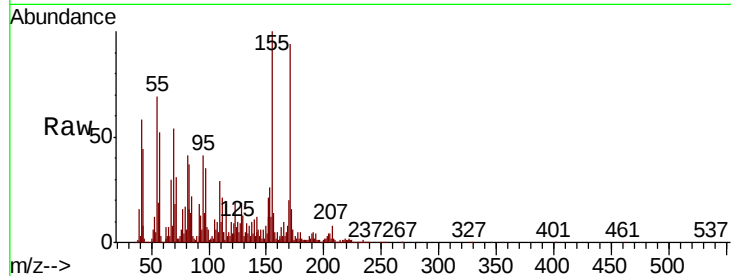




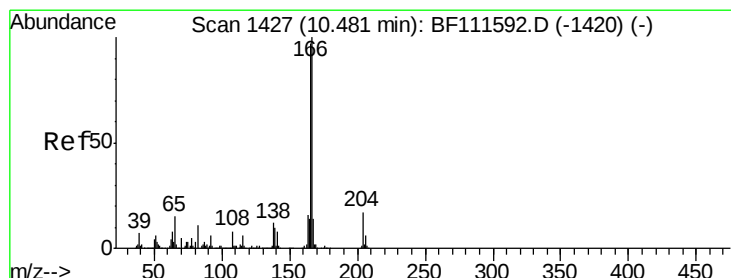
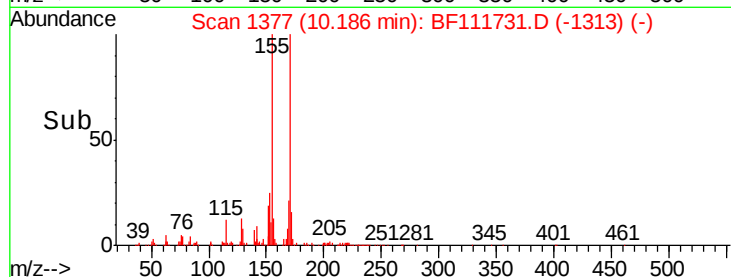
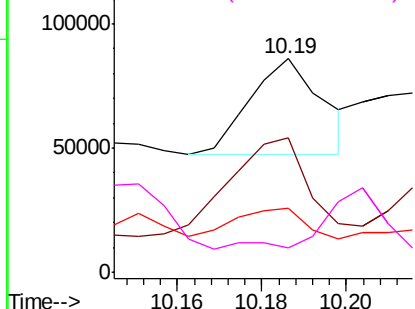
#57
 2,4-Dinitrotoluene
 Concen: 14.063 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.08 min
 Lab File: BF111731.D
 Acq: 26 Dec 2018 23:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 45190
 Ion Ratio Lower Upper
 165 100
 63 62.8 34.6 52.0#
 89 29.9 56.2 84.4#
 182 11.4 1.8 2.6#

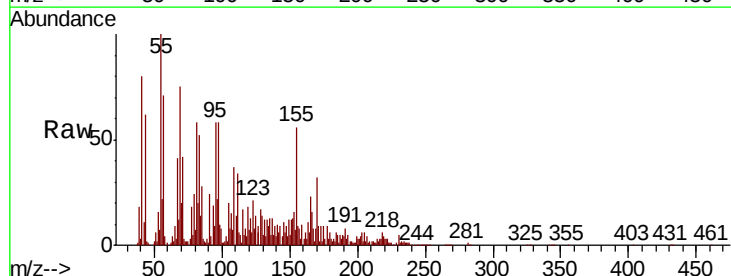


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

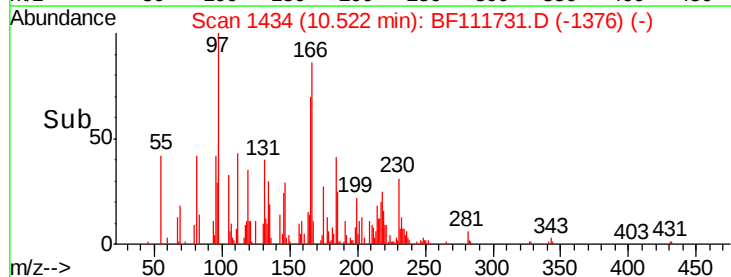
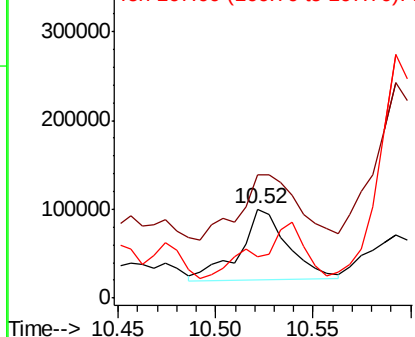


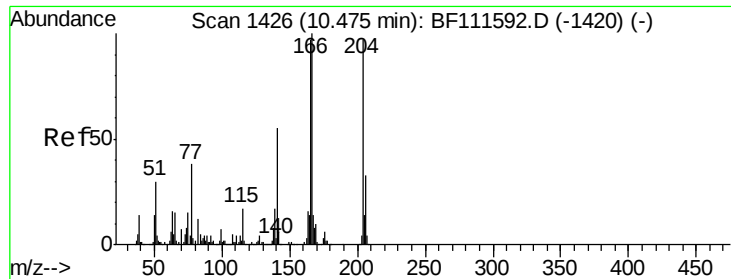
#58
 Fluorene
 Concen: 11.564 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.04 min
 Lab File: BF111731.D
 Acq: 26 Dec 2018 23:19

Tgt Ion:166 Resp: 139030
 Ion Ratio Lower Upper
 166 100
 165 139.0 78.4 117.6#
 167 46.9 11.2 16.8#



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

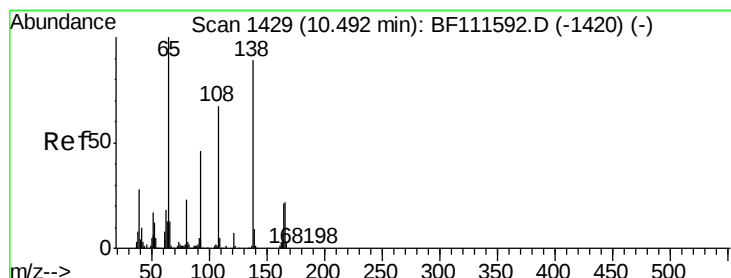
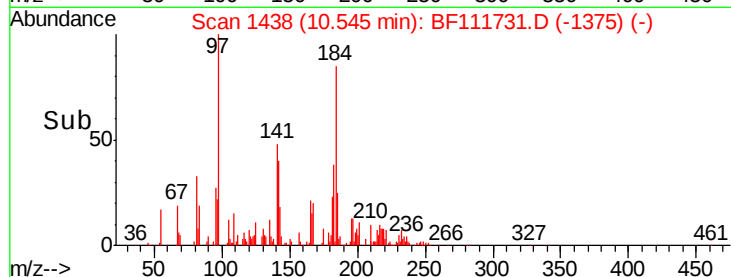
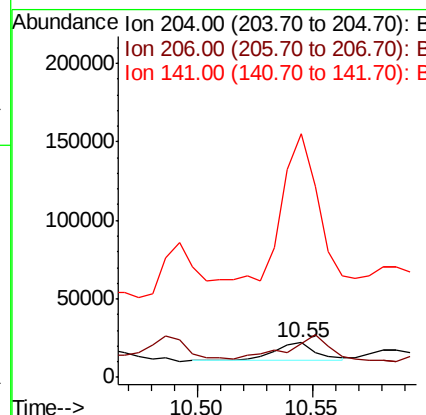
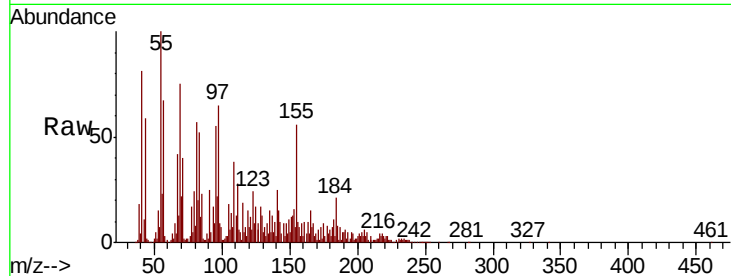




#61
4-Chlorophenyl-phenylether
Concen: 2.146 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.07 min
Lab File: BF111731.D
Acq: 26 Dec 2018 23:19

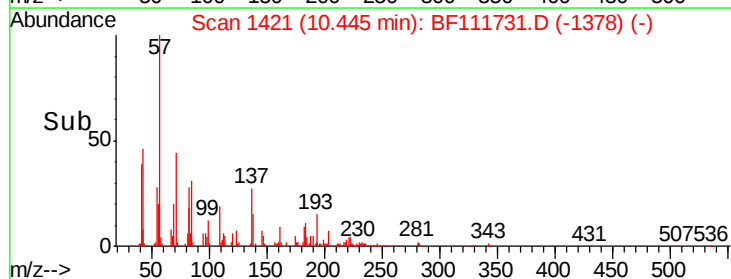
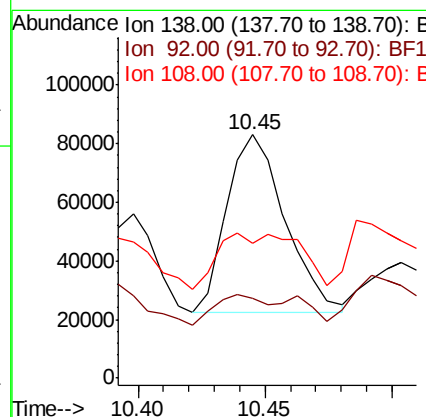
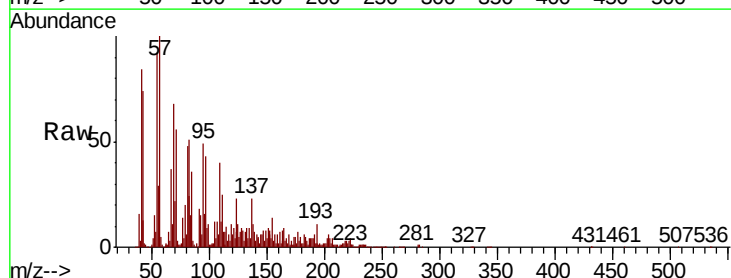
Instrument :
BNA_F
ClientSampled :

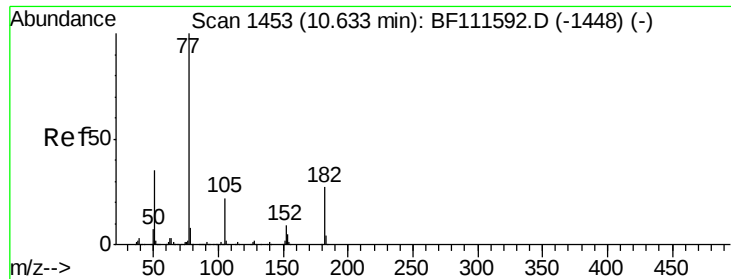
Tot Ion:204 Resp: 14253
Ion Ratio Lower Upper
204 100
206 98.7 26.6 39.8#
141 705.4 52.6 78.8#



#62
4-Nitroaniline
Concen: 35.147 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.05 min
Lab File: BF111731.D
Acq: 26 Dec 2018 23:19

Tgt Ion:138 Resp: 97405
Ion Ratio Lower Upper
138 100
92 33.0 29.9 69.9
108 55.6 43.2 83.2

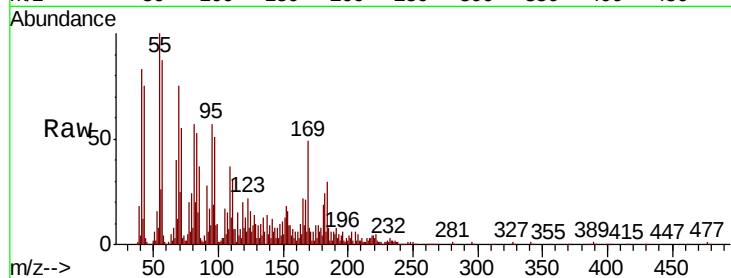




#63
Azobenzene
Concen: 2.962 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.04 min
Lab File: BF111731.D
Acq: 26 Dec 2018 23:19

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
77	100		
182	120.9	4.9	44.9#
105	85.3	6.0	46.0#
51	32.4	14.7	54.7



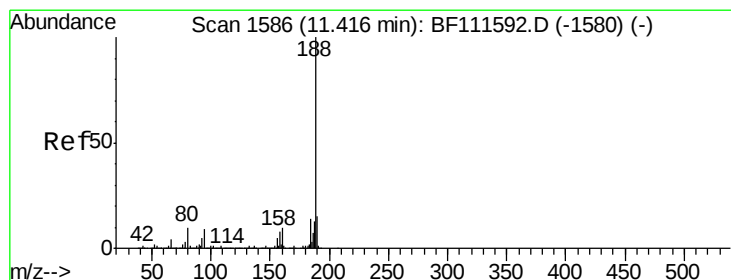
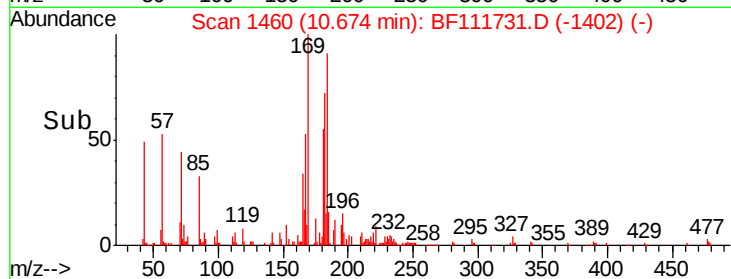
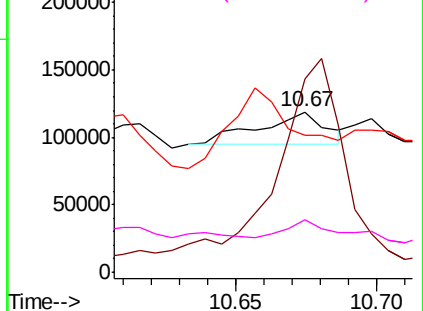
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

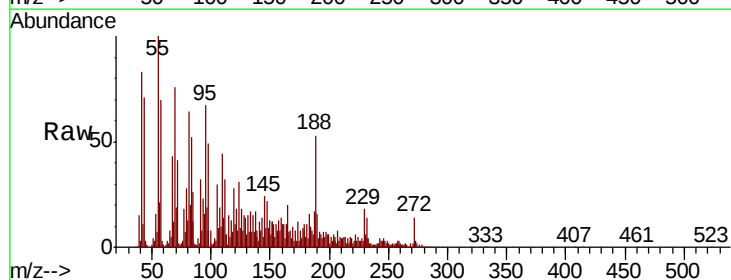
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. 0.05 min
Lab File: BF111731.D
Acq: 26 Dec 2018 23:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	30.2	9.6	14.4#
80	25.4	9.8	14.6#

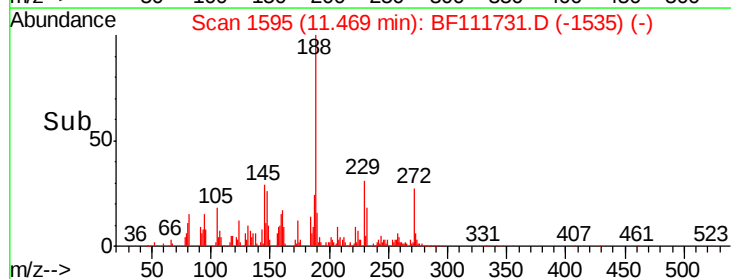
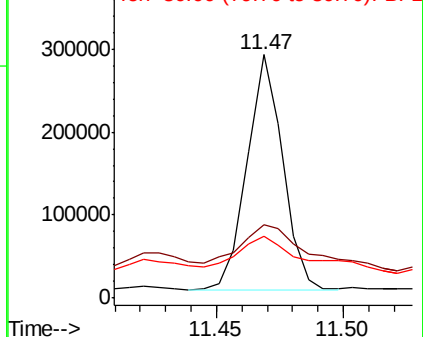


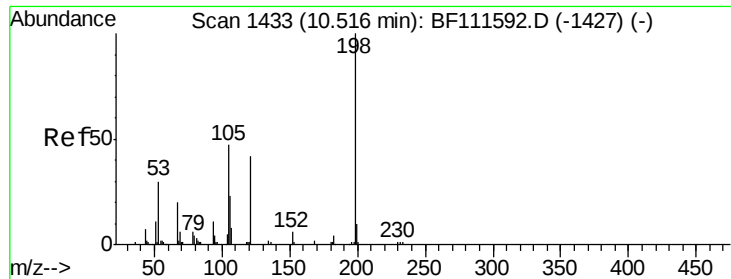
Abundance

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

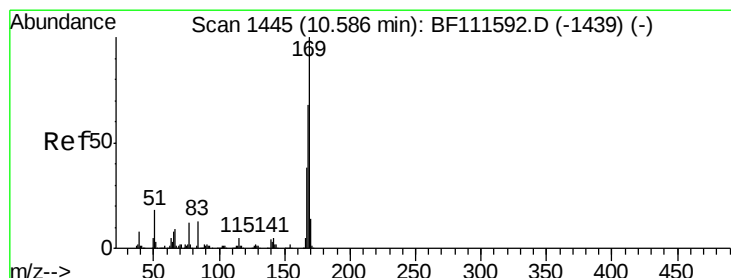
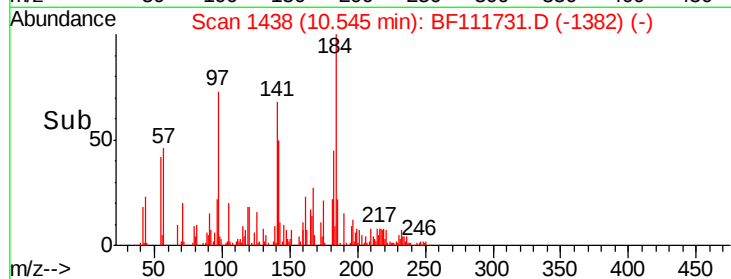
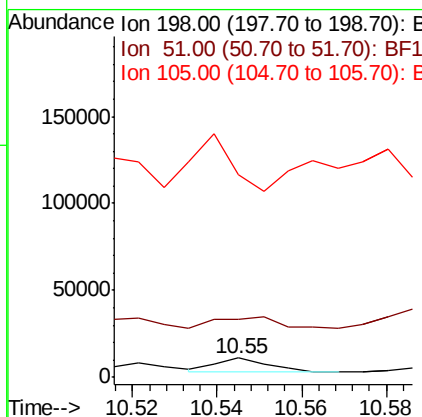
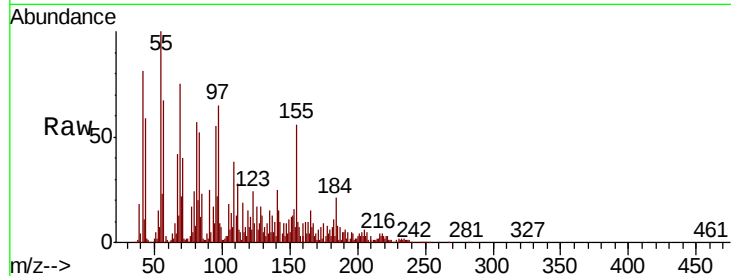




#65
4,6-Dinitro-2-methylphenol
Concen: 11.464 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.03 min
Lab File: BF111731.D
Acq: 26 Dec 2018 23:19

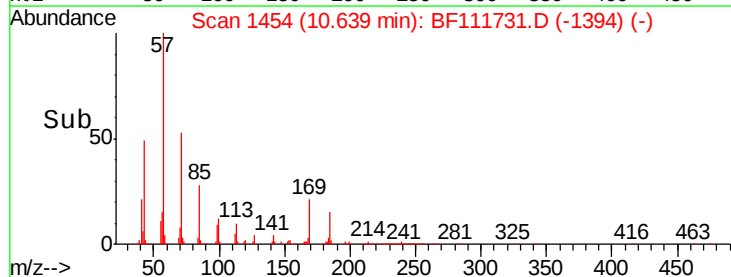
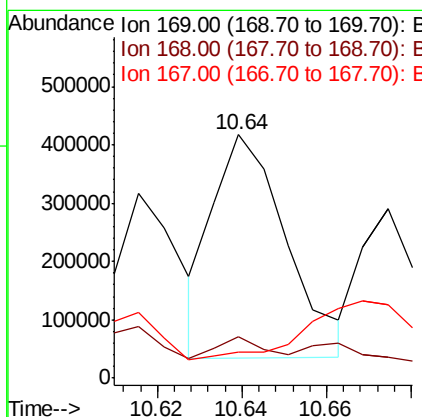
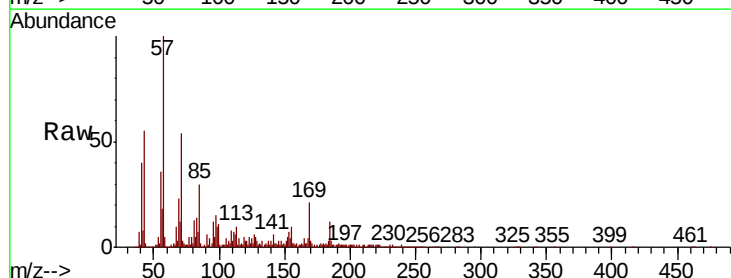
Instrument :
BNA_F
ClientSampleId :

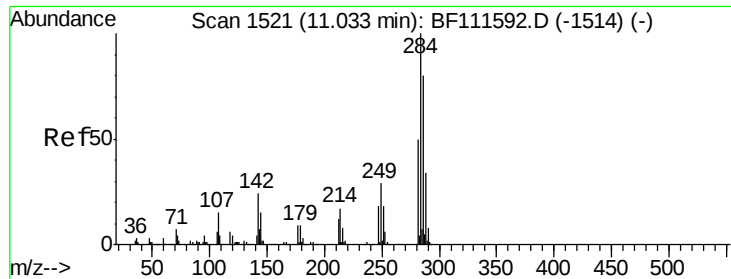
Tot Ion:198 Resp: 6343
Ion Ratio Lower Upper
198 100
51 303.8 48.0 88.0#
105 1047.8 34.0 74.0#



#66
n-Nitrosodiphenylamine
Concen: 50.040 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.05 min
Lab File: BF111731.D
Acq: 26 Dec 2018 23:19

Tgt Ion:169 Resp: 464975
Ion Ratio Lower Upper
169 100
168 17.0 54.4 81.6#
167 10.7 30.5 45.7#

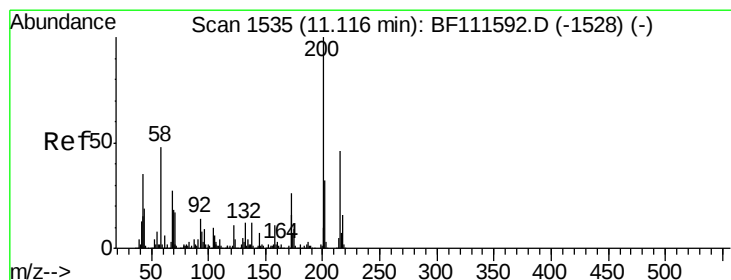
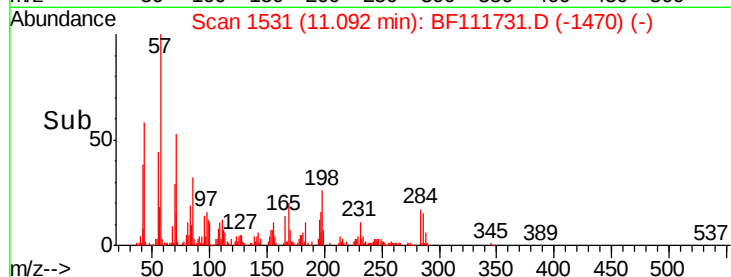
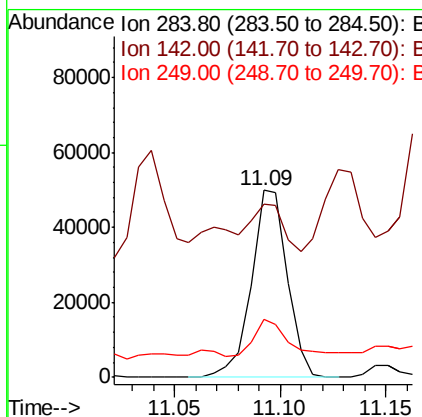
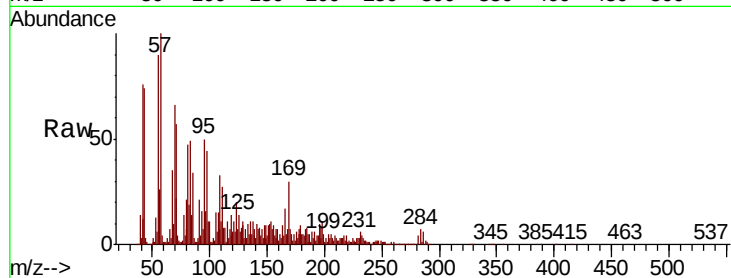




#68
Hexachlorobenzene
Concen: 15.467 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.06 min
Lab File: BF111731.D
Acq: 26 Dec 2018 23:19

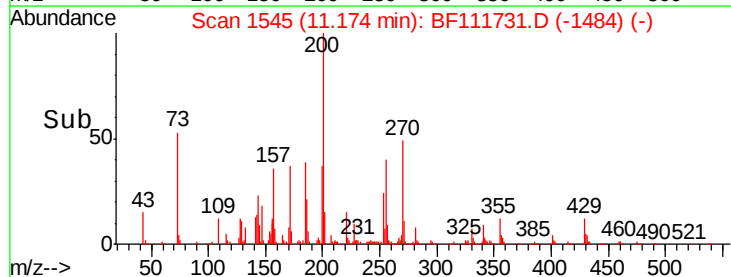
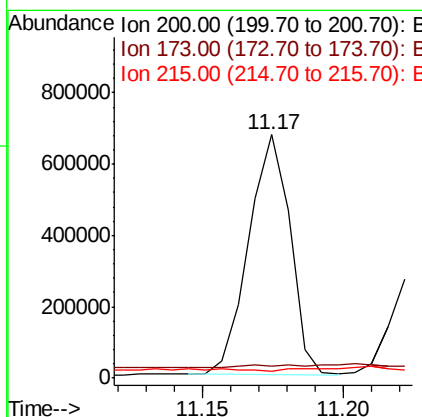
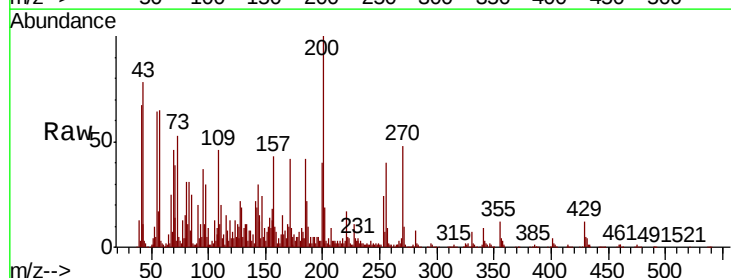
Instrument :
BNA_F
ClientSampleId :

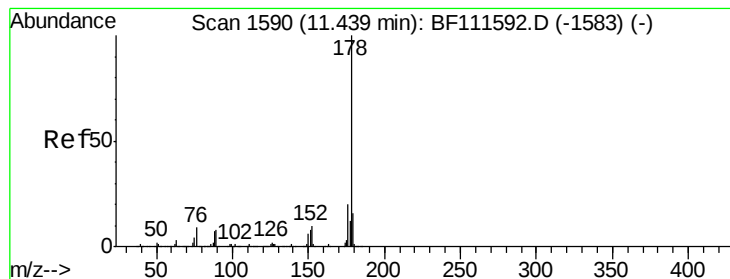
Tot Ion	Ratio	Lower	Upper
284	100		
142	92.6	27.4	41.2#
249	30.9	24.4	36.6



#69
Atrazine
Concen: 212.179 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.06 min
Lab File: BF111731.D
Acq: 26 Dec 2018 23:19

Tgt Ion	Ratio	Lower	Upper
200	100		
173	5.1	10.1	50.1#
215	3.0	26.9	66.9#





#71

Phenanthrene

Concen: 51.573 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.06 min

Lab File: BF111731.D

Acq: 26 Dec 2018 23:19

Instrument :

BNA_F

ClientSampled :

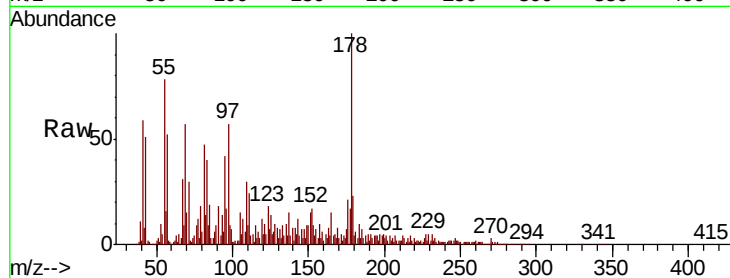
Tot Ion:178 Resp: 757120

Ion Ratio Lower Upper

178 100

176 20.5 18.1 27.1

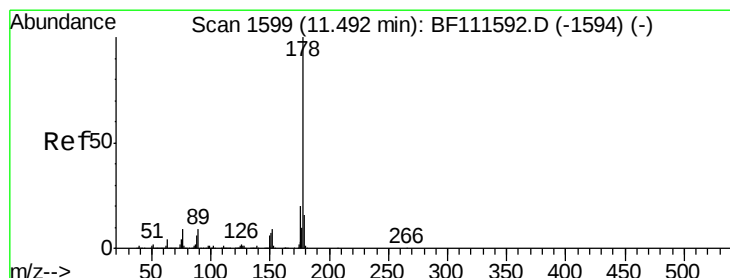
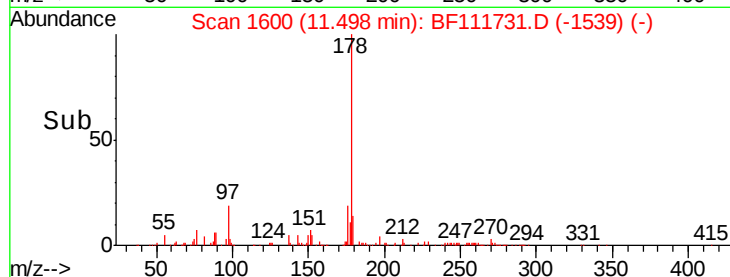
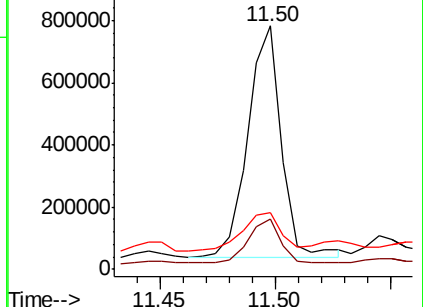
179 23.5 14.0 21.0#



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: 3.998 ng

RT: 11.54 min Scan# 1608

Delta R.T. 0.05 min

Lab File: BF111731.D

Acq: 26 Dec 2018 23:19

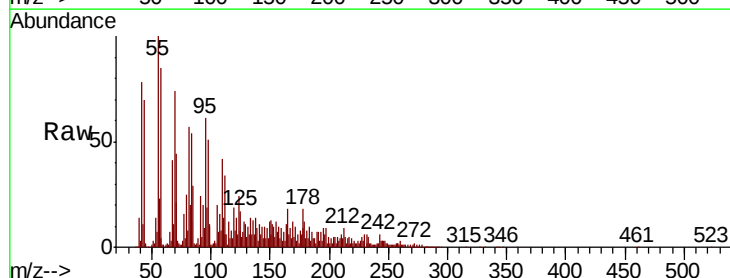
Tgt Ion:178 Resp: 58916

Ion Ratio Lower Upper

178 100

176 32.9 17.2 25.8#

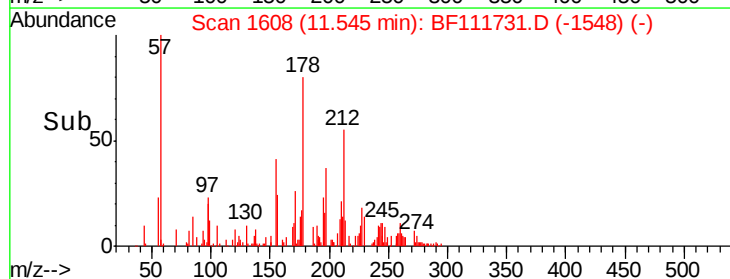
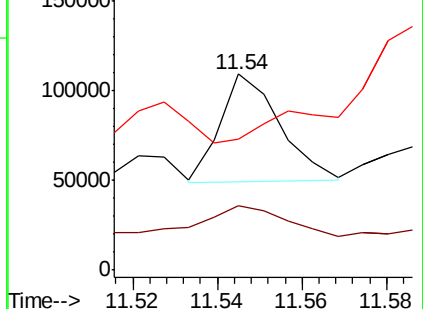
179 66.5 13.8 20.8#

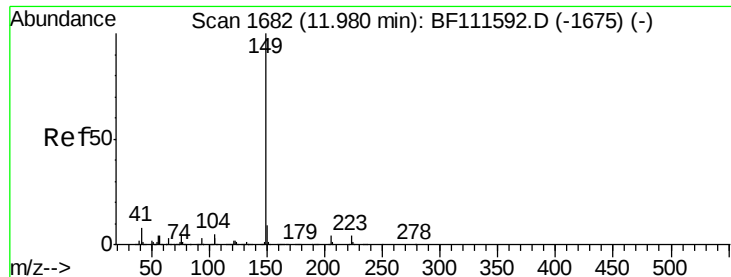


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Di-n-butylphthalate

Concen: 5.120 ng

RT: 12.02 min Scan# 1689

Delta R.T. 0.04 min

Lab File: BF111731.D

Acq: 26 Dec 2018 23:19

Instrument :

BNA_F

ClientSampled :

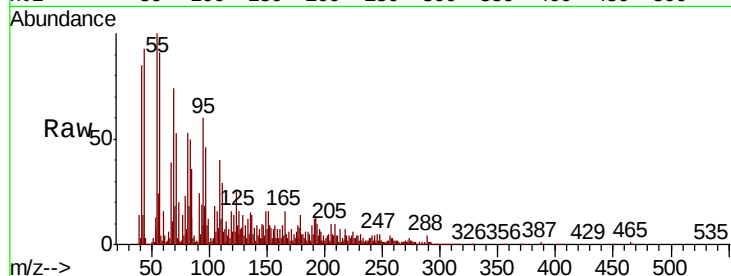
Tot Ion:149 Resp: 82129

Ion Ratio Lower Upper

149 100

150 43.1 8.8 13.2#

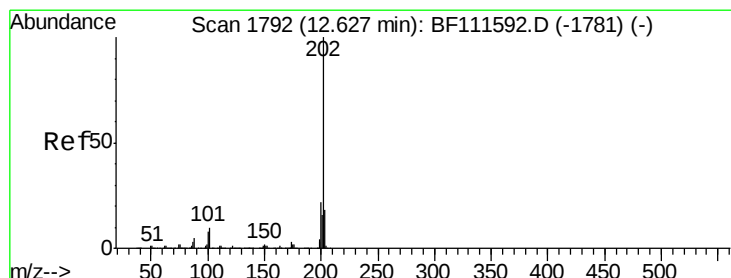
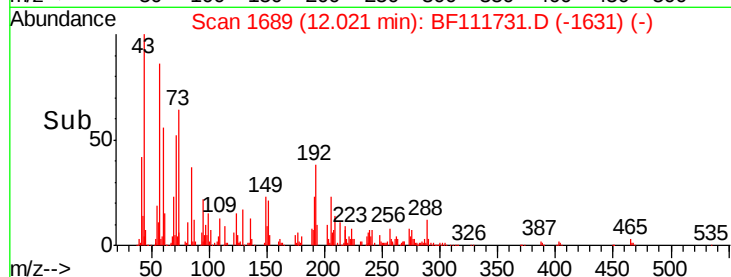
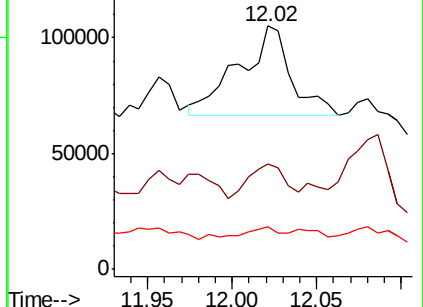
104 17.7 4.5 6.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 9.252 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.06 min

Lab File: BF111731.D

Acq: 26 Dec 2018 23:19

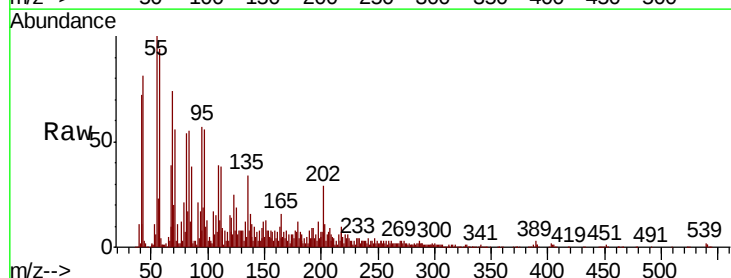
Tgt Ion:202 Resp: 137538

Ion Ratio Lower Upper

202 100

101 17.1 0.0 33.8

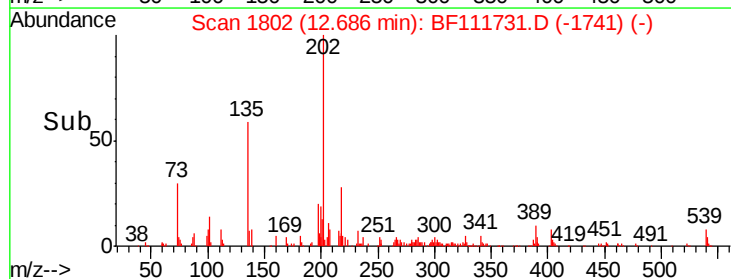
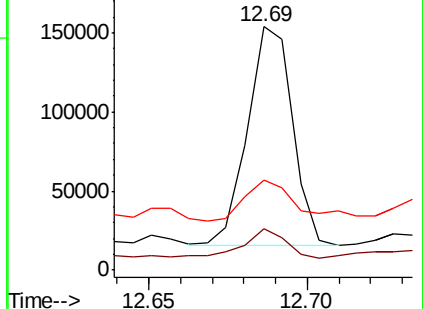
203 37.1 0.0 38.6

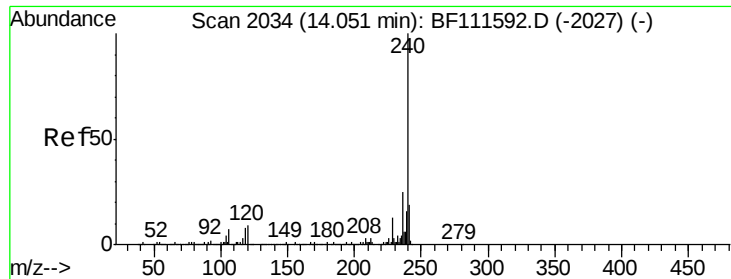


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

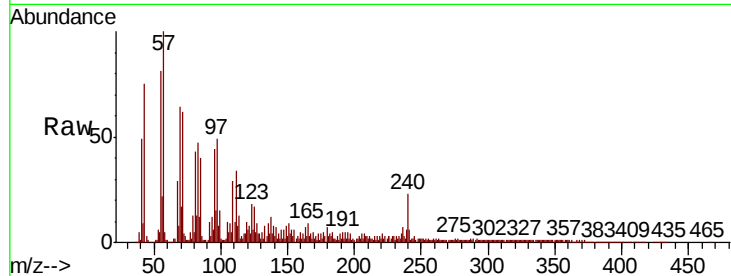




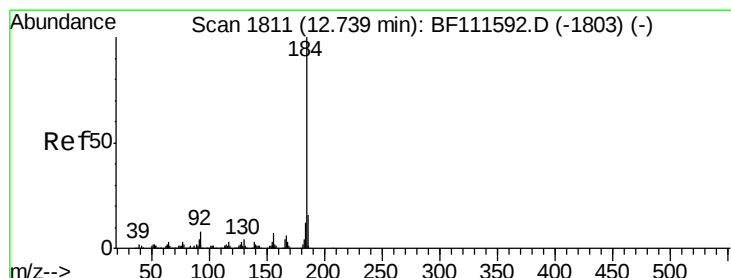
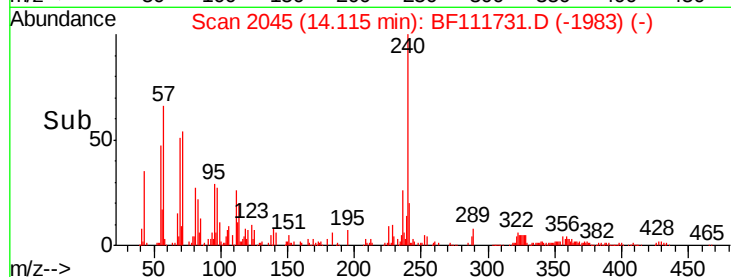
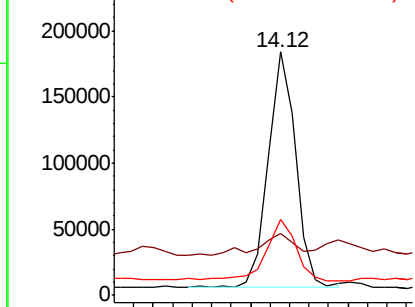
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. 0.06 min
 Lab File: BF111731.D
 Acq: 26 Dec 2018 23:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	25.4	12.2	18.2#
236	31.2	20.2	30.2#

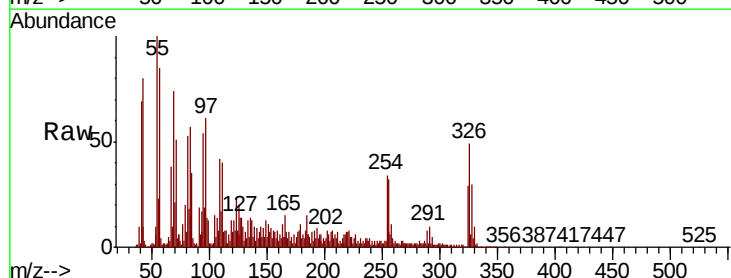


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

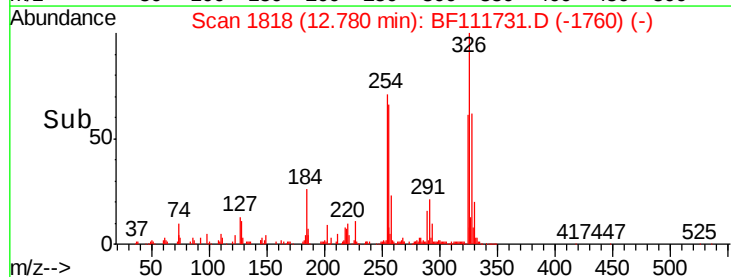
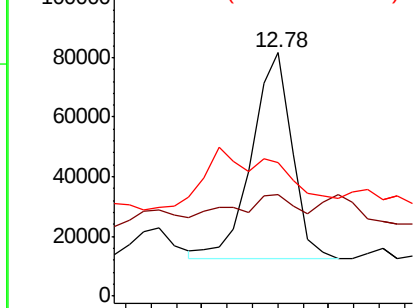


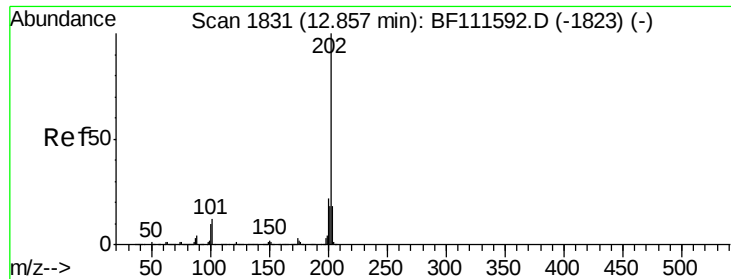
#77
 Benzidine
 Concen: 11.658 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. 0.04 min
 Lab File: BF111731.D
 Acq: 26 Dec 2018 23:19

Tgt Ion	Ratio	Lower	Upper
184	100		
185	41.5	13.0	19.6#
183	54.9	9.3	13.9#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E

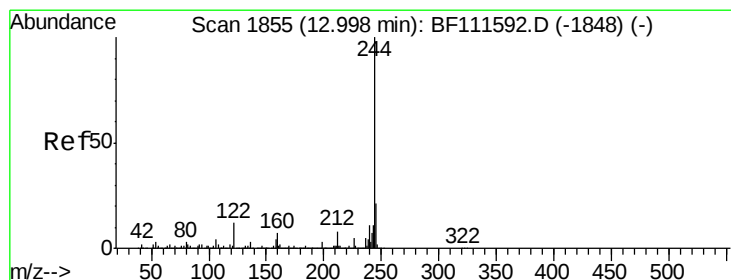
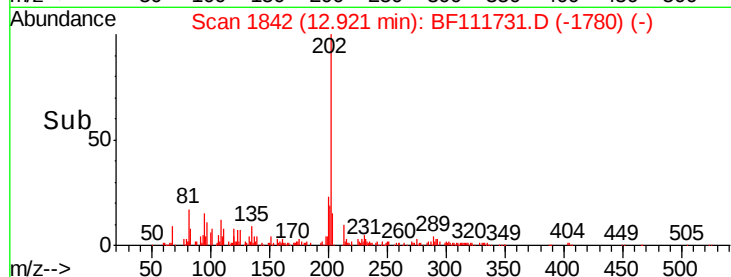
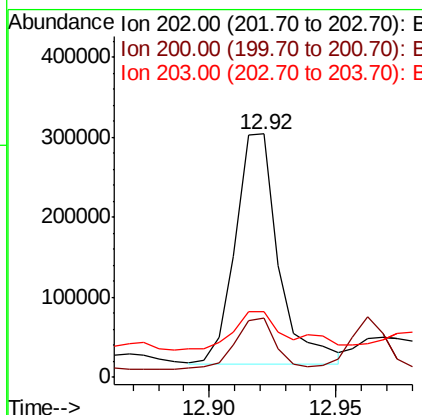
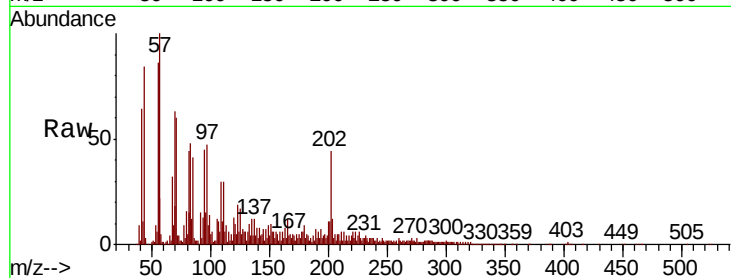




#78
Pvrene
Concen: 27.757 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.06 min
Lab File: BF111731.D
Acq: 26 Dec 2018 23:19

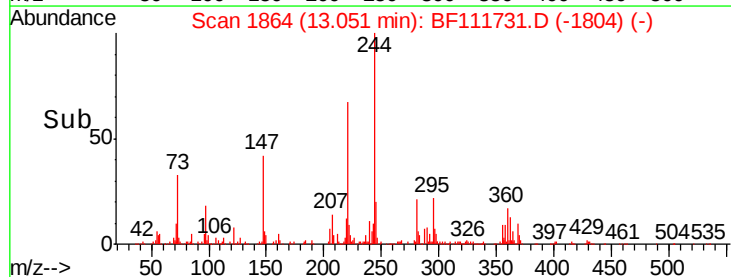
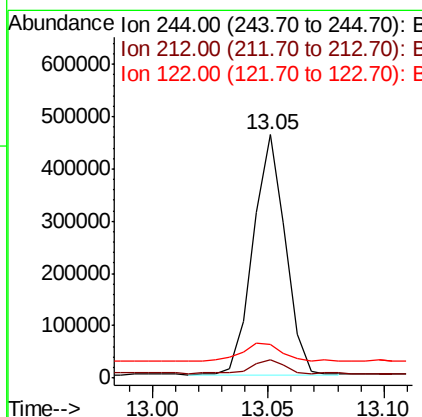
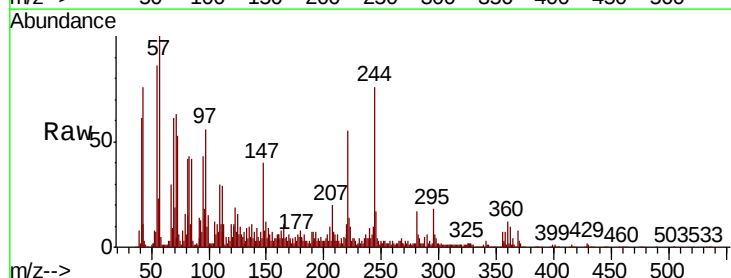
Instrument :
BNA_F
ClientSampleId :

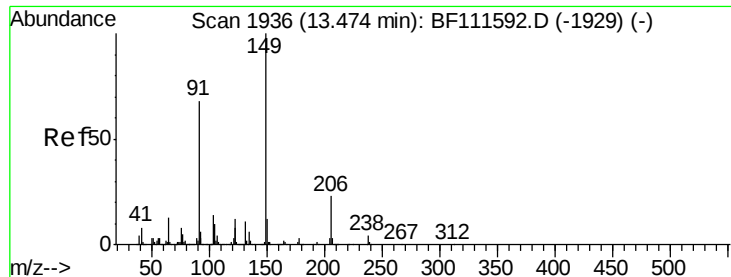
Tot Ion	Ratio	Lower	Upper
202	100		
200	24.3	19.0	28.4
203	26.8	15.2	22.8



#79
Terphenyl-d14
Concen: 48.061 ng
RT: 13.05 min Scan# 1864
Delta R.T. 0.05 min
Lab File: BF111731.D
Acq: 26 Dec 2018 23:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	14.0	13.1	19.7

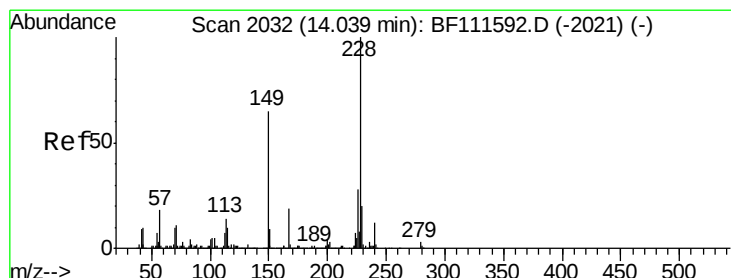
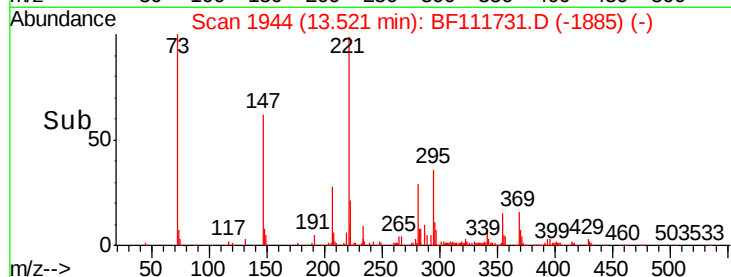
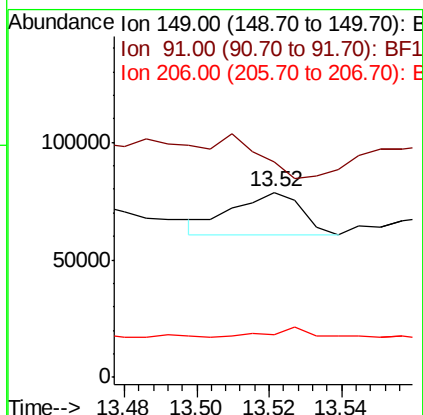
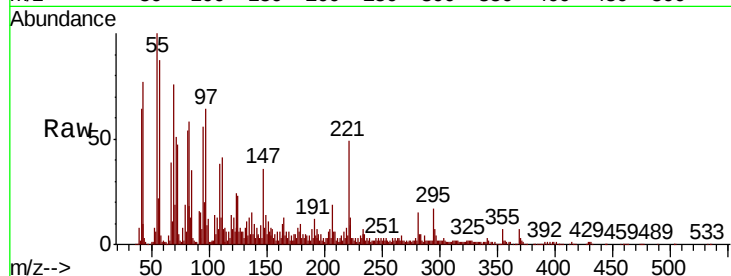




#80
Butylbenzylphthalate
Concen: 4.623 ng
RT: 13.52 min Scan# 1944
Delta R.T. 0.05 min
Lab File: BF111731.D
Acq: 26 Dec 2018 23:19

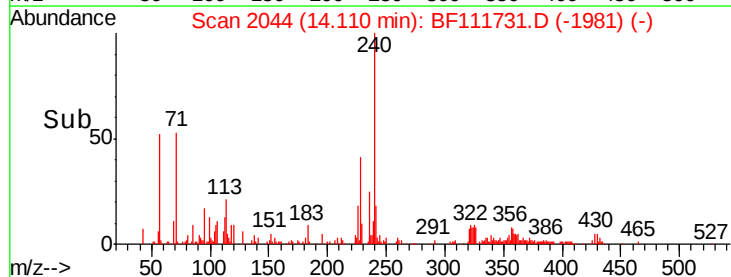
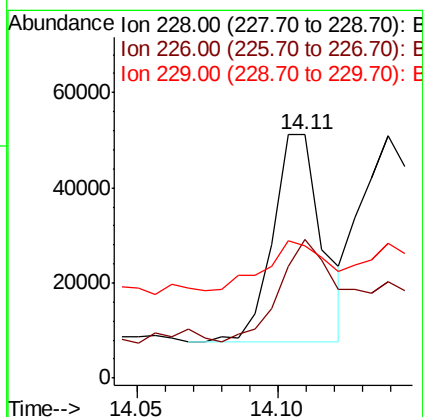
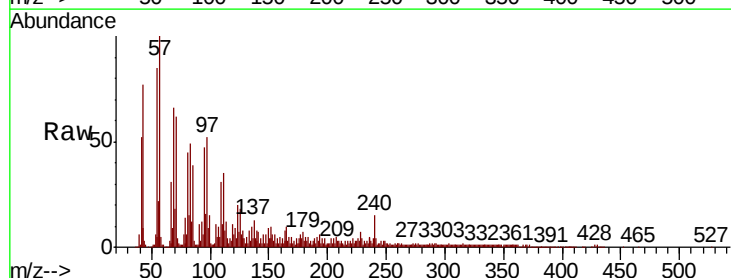
Instrument :
BNA_F
ClientSampleId :

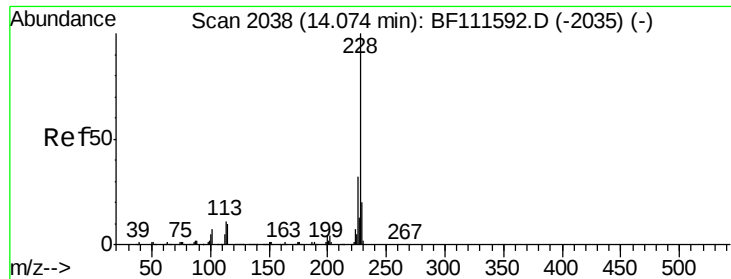
Tot Ion:149 Resp: 23348
Ion Ratio Lower Upper
149 100
91 116.4 63.8 95.6#
206 23.4 15.1 22.7#



#81
Benzo(a)anthracene
Concen: 5.280 ng
RT: 14.11 min Scan# 2044
Delta R.T. 0.07 min
Lab File: BF111731.D
Acq: 26 Dec 2018 23:19

Tgt Ion:228 Resp: 52867
Ion Ratio Lower Upper
228 100
226 56.8 22.6 34.0#
229 54.6 16.3 24.5#





#83

Chrysene

Concen: 6.154 ng

RT: 14.14 min Scan# 2049

Delta R.T. 0.06 min

Lab File: BF111731.D

Acq: 26 Dec 2018 23:19

Instrument :

BNA_F

ClientSampleId :

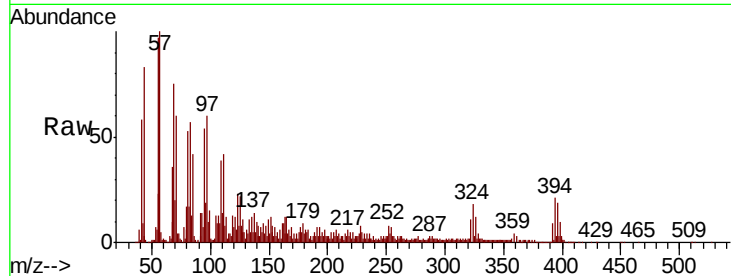
Tot Ion:228 Resp: 60568

Ion Ratio Lower Upper

228 100

226 40.1 25.3 37.9#

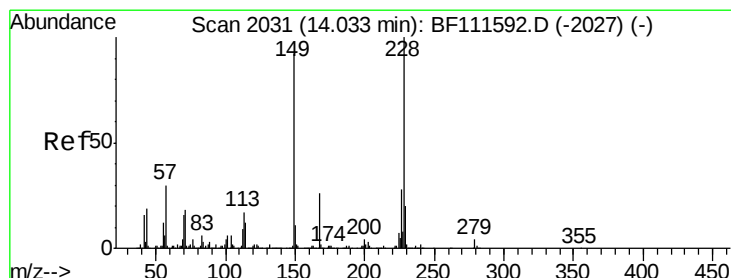
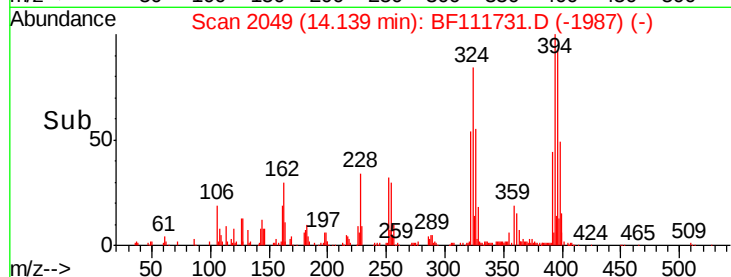
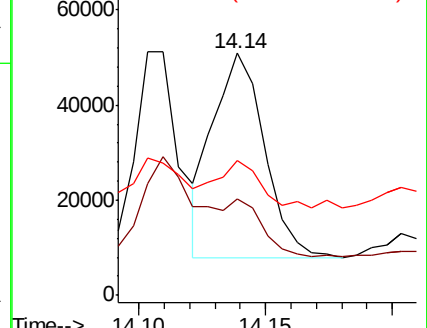
229 55.6 17.2 25.8#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 15.206 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.05 min

Lab File: BF111731.D

Acq: 26 Dec 2018 23:19

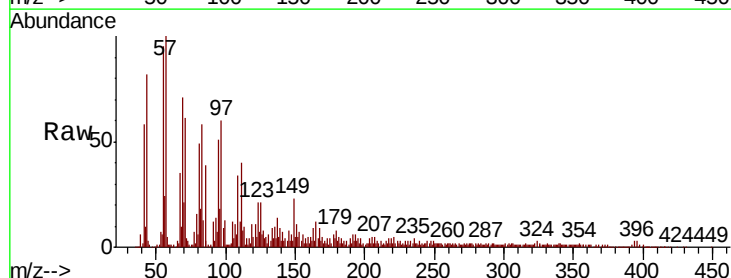
Tgt Ion:149 Resp: 96737

Ion Ratio Lower Upper

149 100

167 37.7 22.5 33.7#

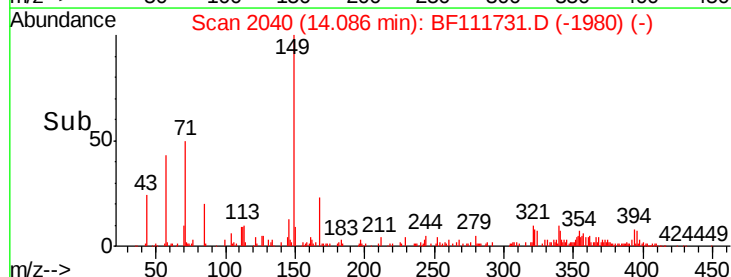
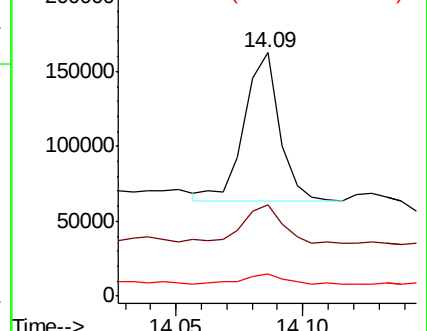
279 9.0 2.6 4.0#

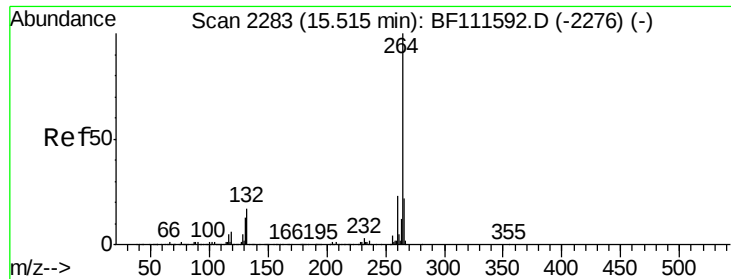


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

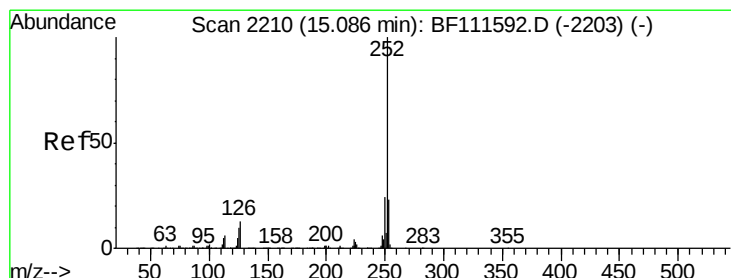
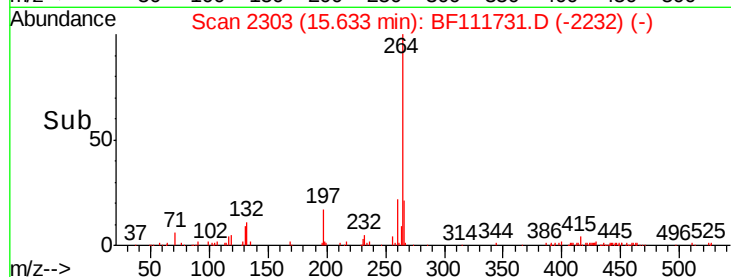
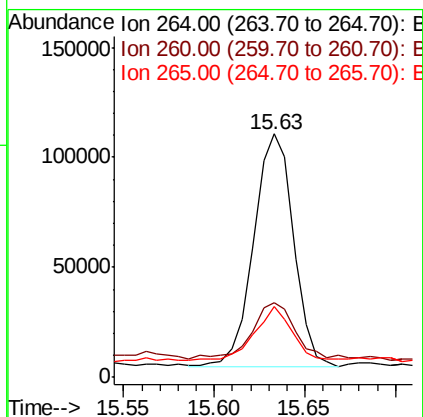
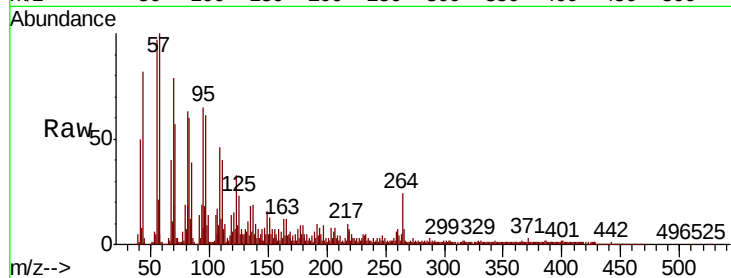




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.12 min
Lab File: BF111731.D
Acq: 26 Dec 2018 23:19

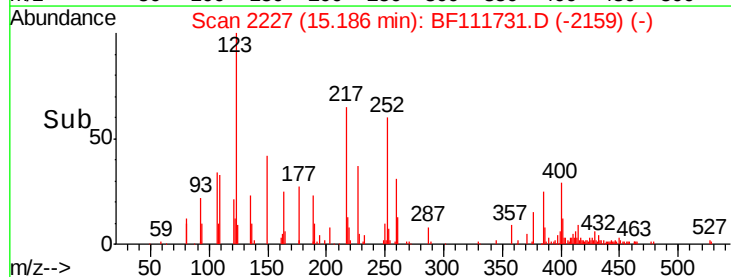
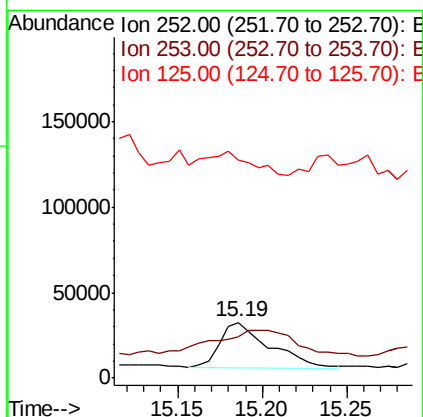
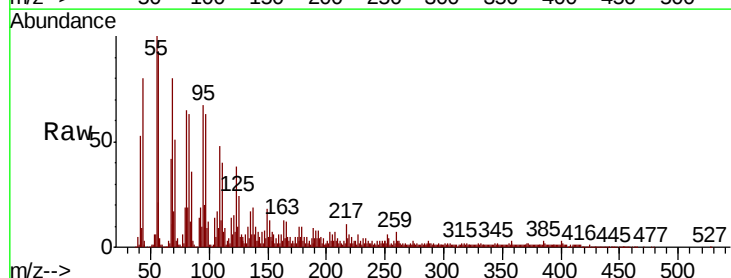
Instrument :
BNA_F
ClientSampled :

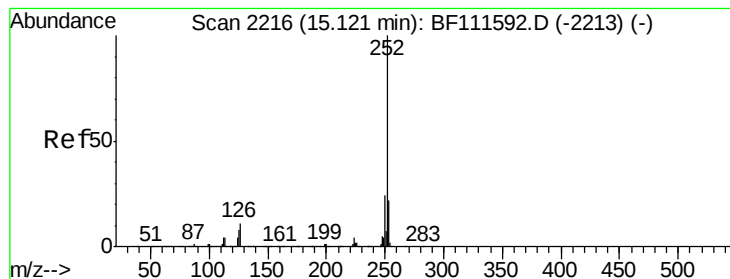
Tot Ion	Ratio	Lower	Upper
264	100		
260	30.6	18.3	27.5#
265	29.2	17.7	26.5#



#88
Benzo(b)fluoranthene
Concen: 5.917 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.10 min
Lab File: BF111731.D
Acq: 26 Dec 2018 23:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	73.0	18.2	27.2#
125	389.5	10.4	15.6#





#89

Benzo(k)fluoranthene

Concen: 5.922 ng

RT: 15.19 min Scan# 2227

Delta R.T. 0.06 min

Lab File: BF111731.D

Acq: 26 Dec 2018 23:19

Instrument :

BNA_F

ClientSampleId :

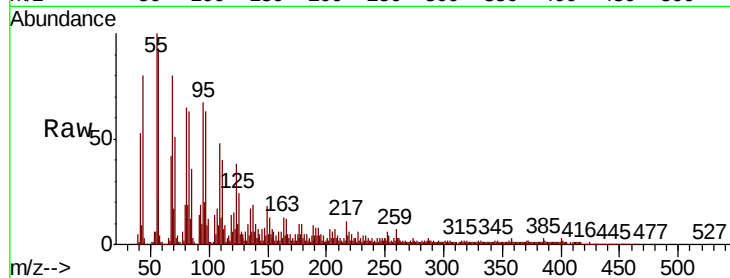
Tot Ion:252 Resp: 53070

Ion Ratio Lower Upper

252 100

253 73.0 18.1 27.1#

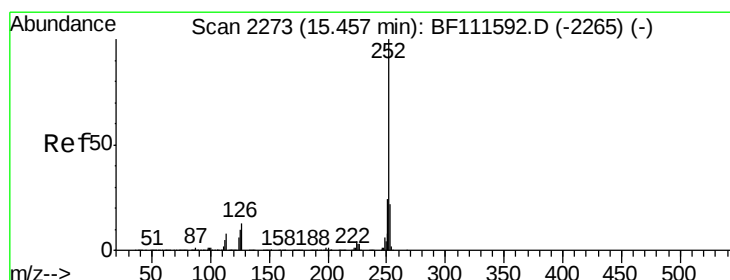
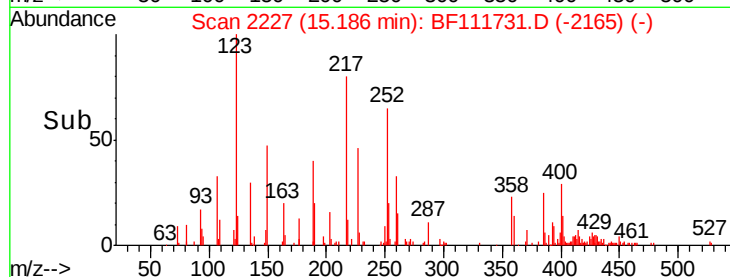
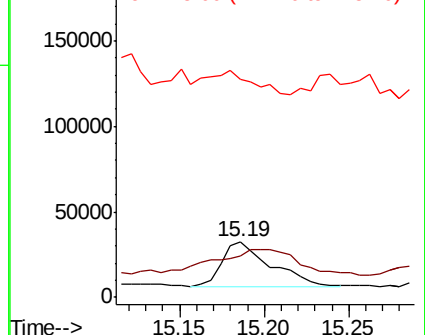
125 389.5 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 5.445 ng

RT: 15.56 min Scan# 2291

Delta R.T. 0.11 min

Lab File: BF111731.D

Acq: 26 Dec 2018 23:19

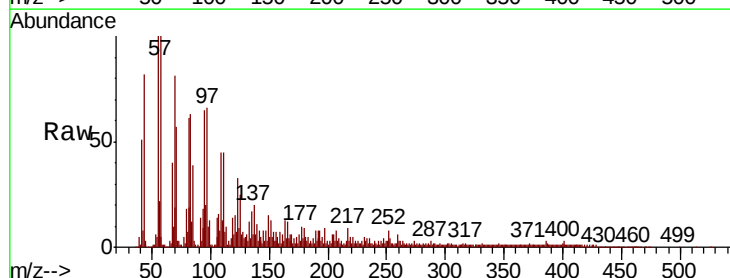
Tgt Ion:252 Resp: 46564

Ion Ratio Lower Upper

252 100

253 50.0 17.8 26.8#

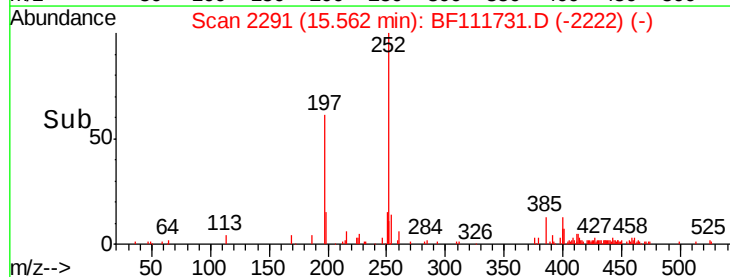
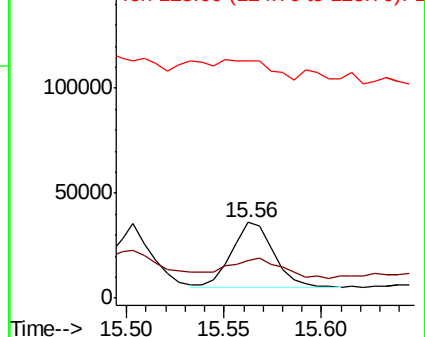
125 313.1 12.3 18.5#

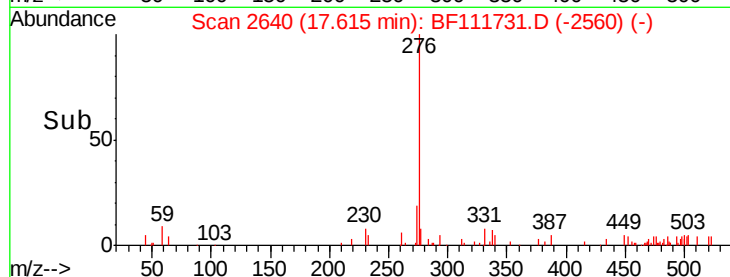
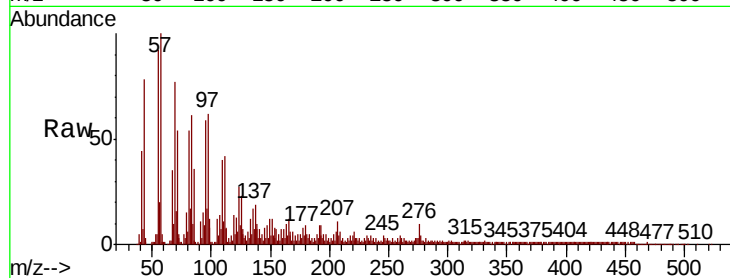
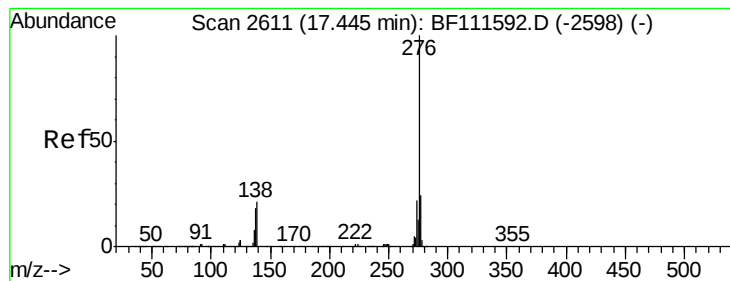


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Benzo(a,h,i)perylene

Concen: 6.639 ng

RT: 17.62 min Scan# 2640

Delta R.T. 0.17 min

Lab File: BF111731.D

Acq: 26 Dec 2018 23:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 48547

Ion Ratio Lower Upper

276 100

277 38.0 19.2 28.8#

138 68.1 24.9 37.3#

