

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
 Data File : BF113958.D
 Acq On : 24 Apr 2019 13:51
 Operator : JU/SJ
 Sample : K2542-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 25 01:22:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	122881	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	455832	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	229554	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	434268	20.00	ng	0.00
76) Chrysene-d12	14.06	240	295907	20.00	ng	-0.01
87) Perylene-d12	15.55	264	346888	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	917485	127.70	ng	0.00
7) Phenol-d6	6.52	99	1178443	130.74	ng	0.00
23) Nitrobenzene-d5	7.45	82	728407	98.67	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	337035	120.52	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1342655	91.48	ng	0.00
79) Terphenyl-d14	13.00	244	1377114	95.41	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.67	93	1376	0.111	ng	# 1
8) 2-Chlorophenol	6.68	128	159	0.019	ng	# 1
9) Benzaldehyde	6.67	77	21993	0.098	ng	84
10) Phenol	6.53	94	2817	0.261	ng	# 1
11) bis(2-Chloroethyl)ether	6.67	93	1376	0.170	ng	# 1
15) Benzyl Alcohol	7.05	79	12385	2.040	ng	# 52
19) n-Nitroso-di-n-propylamine	7.45	70	95729	16.400	ng	# 77
22) Acetophenone	7.29	105	128	0.013	ng	# 58
24) Nitrobenzene	7.46	77	2051	0.251	ng	# 37
25) Isophorone	7.45	82	728401	48.219	ng	# 65
38) 1-Methylnaphthalene	9.25	142	588	0.042	ng	# 66
46) 1,1'-Biphenyl	9.35	154	2655	0.151	ng	90
47) 2-Chloronaphthalene	9.64	162	991	0.069	ng	# 1
48) 2-Nitroaniline	9.64	65	1180	0.316	ng	# 1
50) Dimethylphthalate	9.64	163	161072	9.702	ng	98
51) 2,6-Dinitrotoluene	9.64	165	1671	0.469	ng	# 15
52) Acenaphthene	9.93	154	684	0.052	ng	# 6
57) 2,4-Dinitrotoluene	9.93	165	29362	6.531	ng	# 29
58) Fluorene	10.72	166	13316	0.895	ng	# 86
60) Diethylphthalate	10.34	149	514	0.033	ng	# 57
63) Azobenzene	10.72	77	1211	0.079	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.72	198	597	7.562	ng	# 1
66) n-Nitrosodiphenylamine	10.72	169	8422	0.646	ng	# 42
67) 4-Bromophenyl-phenylether	10.72	248	20081	3.828	ng	# 1
71) Phenanthrene	11.44	178	2009	0.092	ng	# 80
72) Anthracene	11.49	178	294	0.013	ng	# 59
73) Carbazole	11.64	167	406	0.021	ng	# 59
74) Di-n-butylphthalate	11.97	149	1909	0.083	ng	# 77
75) Fluoranthene	12.63	202	6644	0.279	ng	95
77) Benzidine	13.00	184	15915	1.805	ng	# 97
78) Pyrene	12.85	202	5444	0.263	ng	97
81) Benzo(a)anthracene	14.04	228	3442	0.197	ng	96
83) Chrysene	14.04	228	3442	0.203	ng	93
84) Bis(2-ethylhexyl)phthalate	14.03	149	1972	0.190	ng	# 88

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113958.D
Acq On : 24 Apr 2019 13:51
Operator : JU/SJ
Sample : K2542-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 25 01:22:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

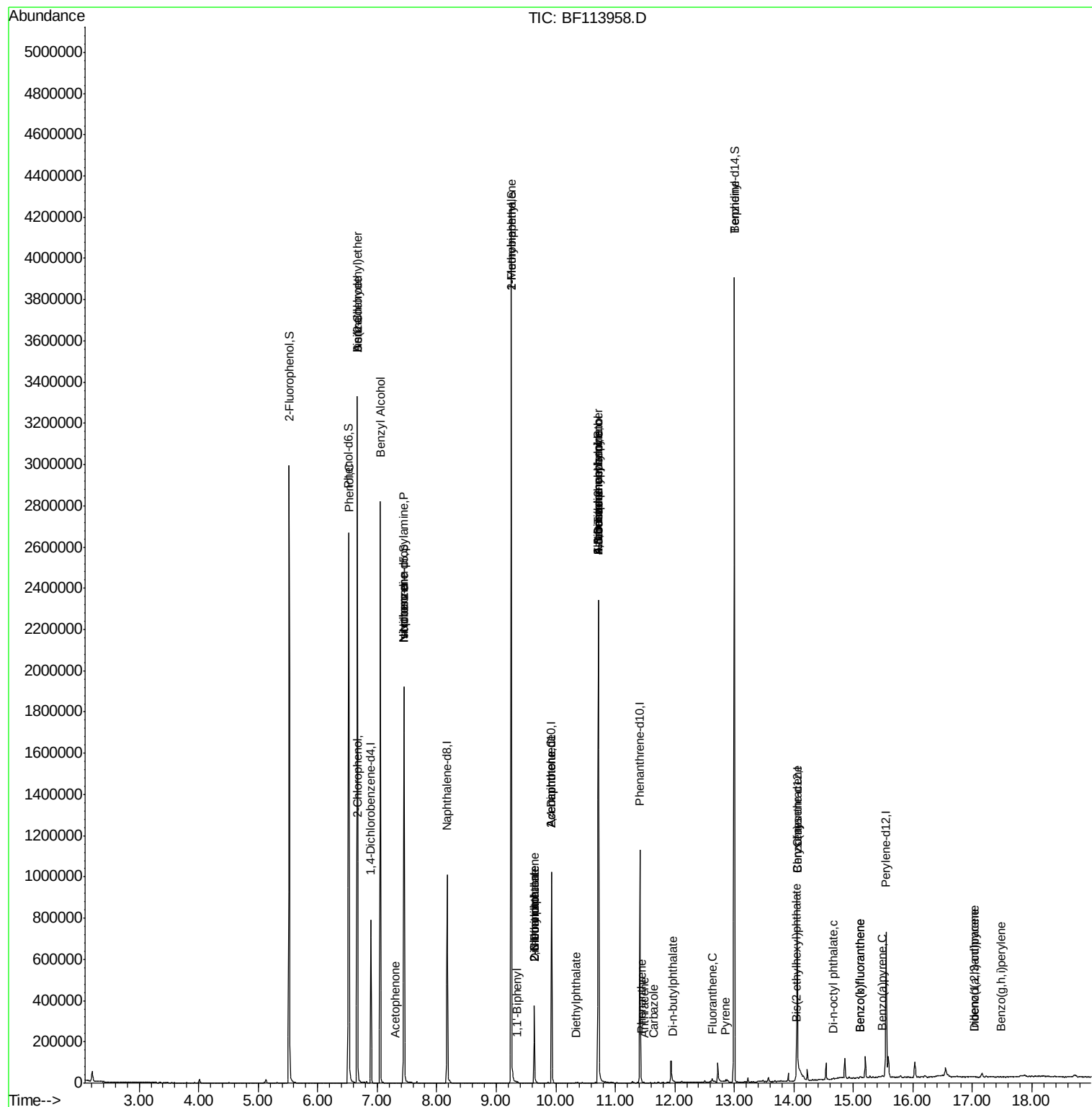
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Di-n-octyl phthalate	14.66	149	140	0.009	nq	# 80
86) Indeno(1,2,3-cd)pyrene	17.03	276	2426	0.151	nq	# 75
88) Benzo(b)fluoranthene	15.12	252	5858	0.267	nq	# 88
89) Benzo(k)fluoranthene	15.12	252	5858	0.310	nq	# 88
90) Benzo(a)pyrene	15.49	252	2582	0.136	nq	# 95
91) Dibenzo(a,h)anthracene	17.04	278	363	0.020	nq	# 57
92) Benzo(q,h,i)perylene	17.48	276	2151	0.120	nq	# 64

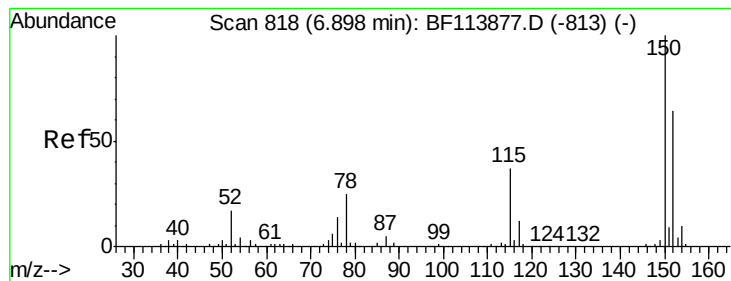
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113958.D
Acq On : 24 Apr 2019 13:51
Operator : JU/SJ
Sample : K2542-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 25 01:22:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration



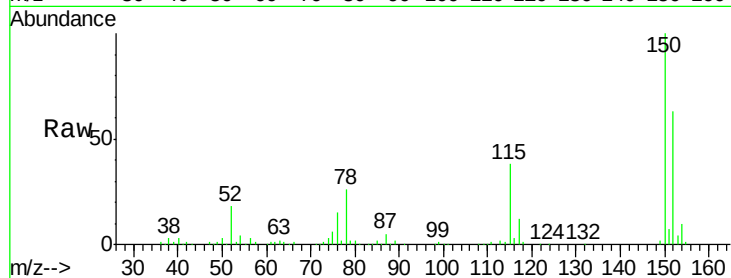


#1

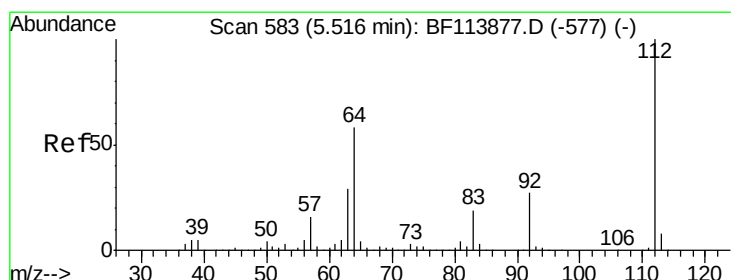
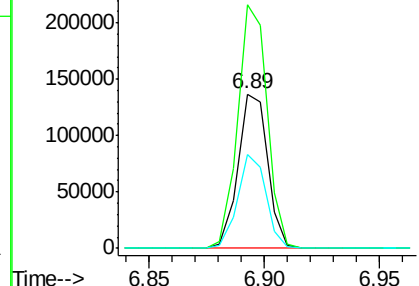
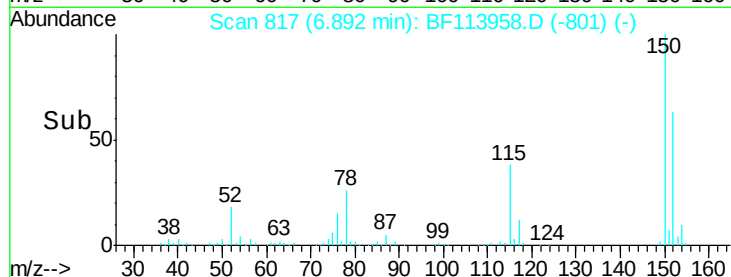
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF113958.D
Acq: 24 Apr 2019 13:51

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	125.9	188.9
115	60.6	45.9	68.9



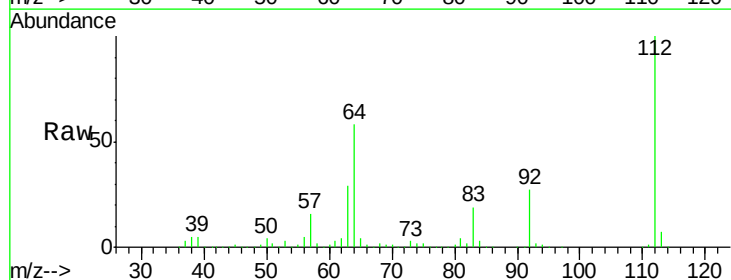
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



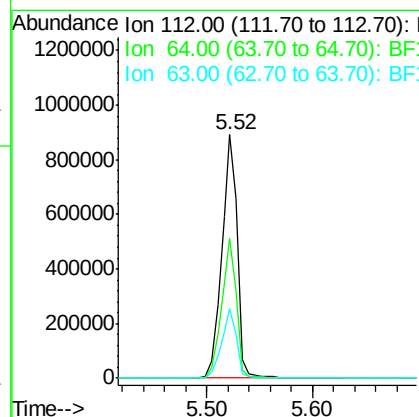
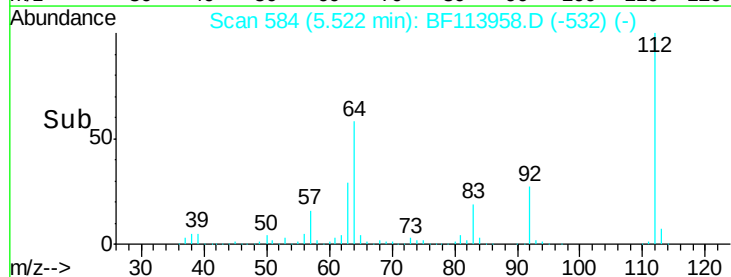
#5

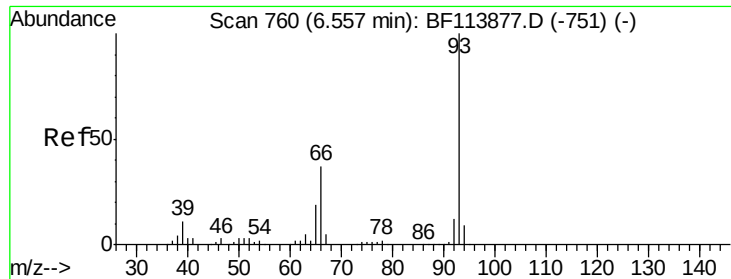
2-Fluorophenol
Concen: 127.703 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF113958.D
Acq: 24 Apr 2019 13:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	46.6	69.8
63	28.6	23.1	34.7



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





#6

Aniline

Concen: 0.111 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.11 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

Instrument :

BNA_F

ClientSampleId :

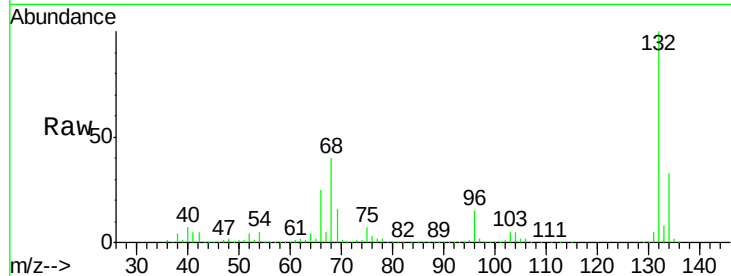
Tot Ion: 93 Resp: 1376

Ion Ratio Lower Upper

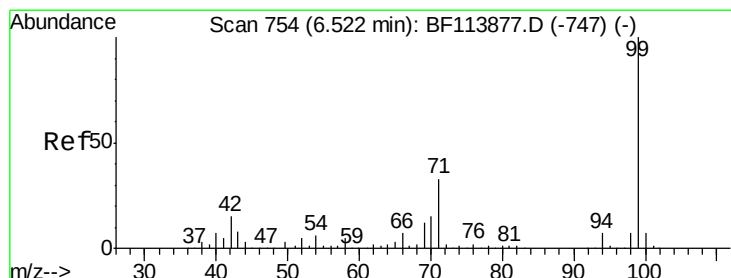
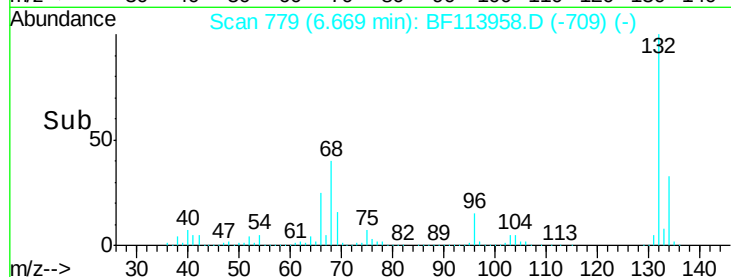
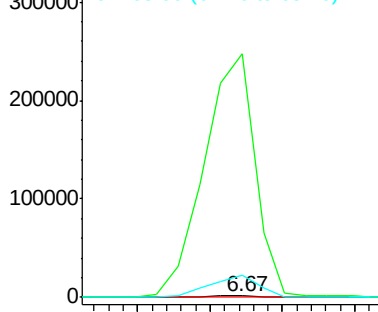
93 100

66 16996.3 29.8 44.6#

65 1533.5 14.9 22.3#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 130.737 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

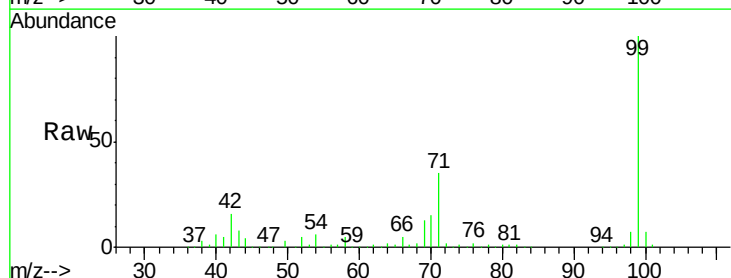
Tgt Ion: 99 Resp: 1178443

Ion Ratio Lower Upper

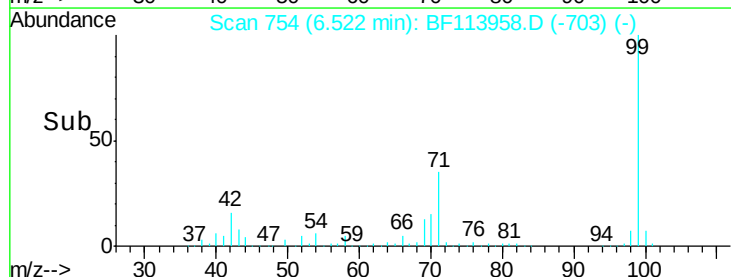
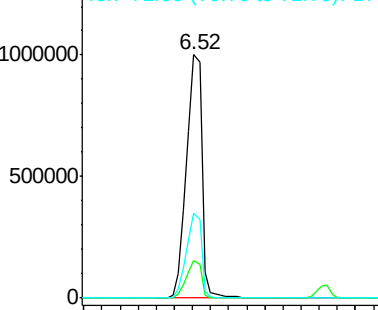
99 100

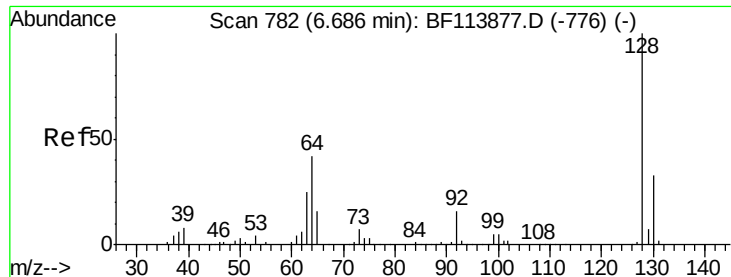
42 15.7 12.5 18.7

71 35.0 26.9 40.3



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





#8

2-Chlorophenol

Concen: 0.019 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

Instrument :

BNA_F

ClientSampled :

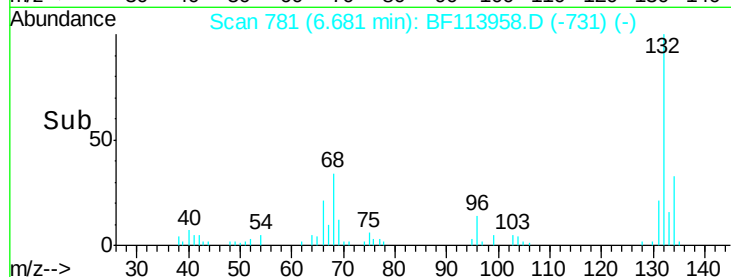
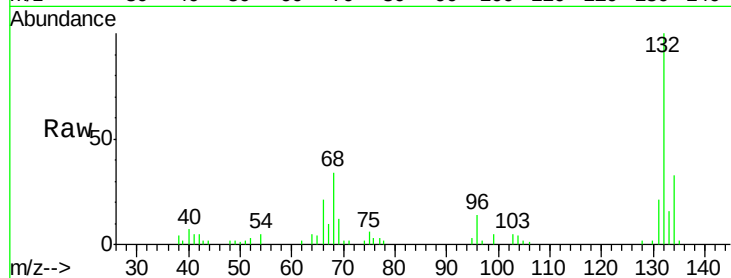
Tot Ion:128 Resp: 159

Ion Ratio Lower Upper

128 100

130 94.0 12.3 52.3#

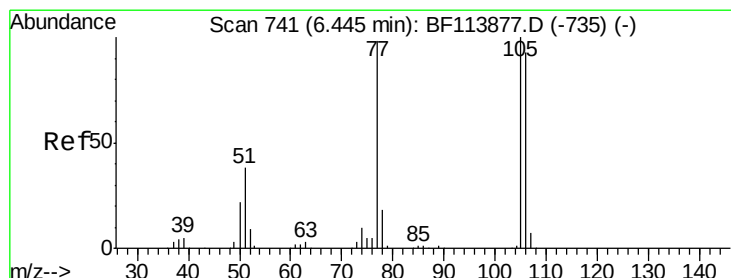
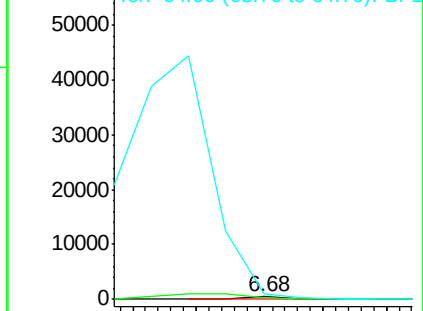
64 239.6 26.1 66.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: 0.098 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.22 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

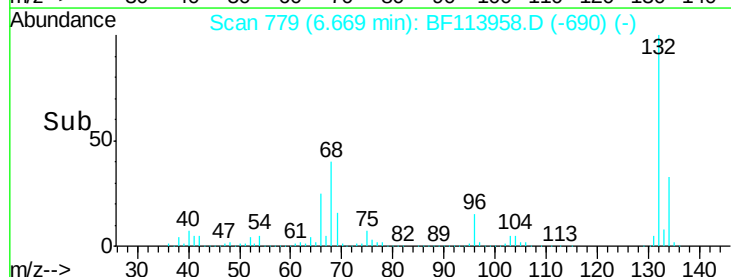
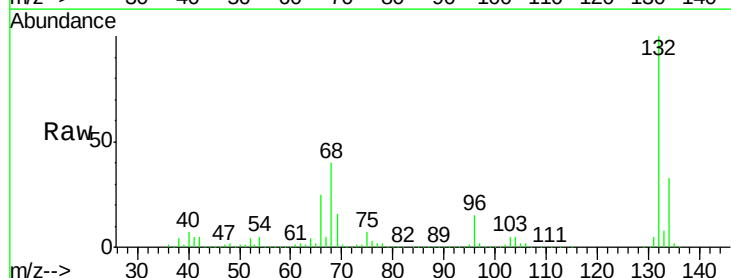
Tgt Ion: 77 Resp: 21993

Ion Ratio Lower Upper

77 100

105 80.8 74.1 114.1

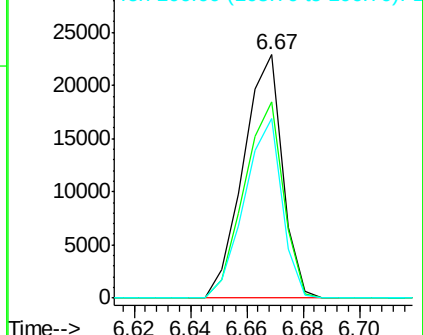
106 73.7 70.3 110.3

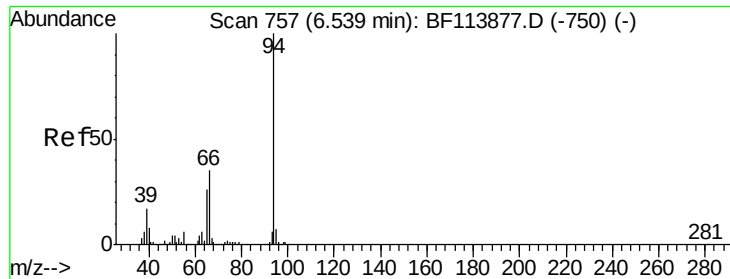


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

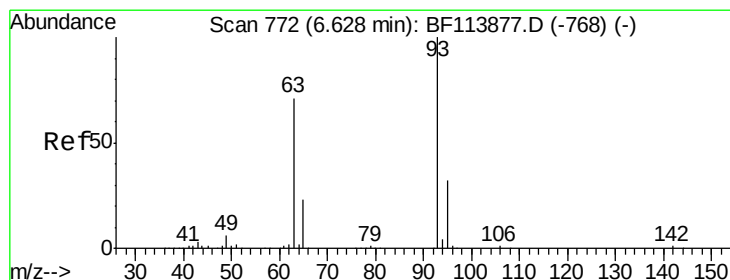
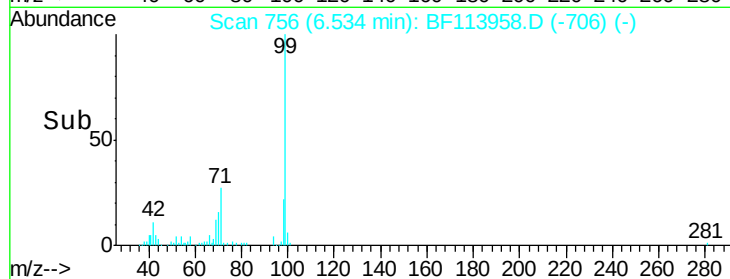
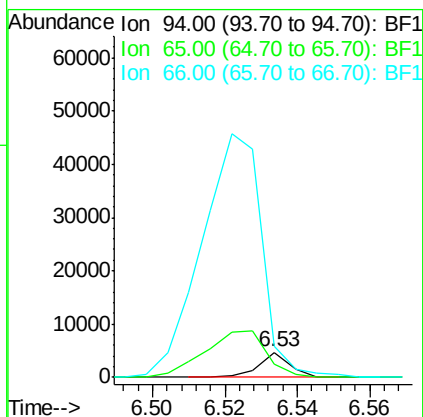
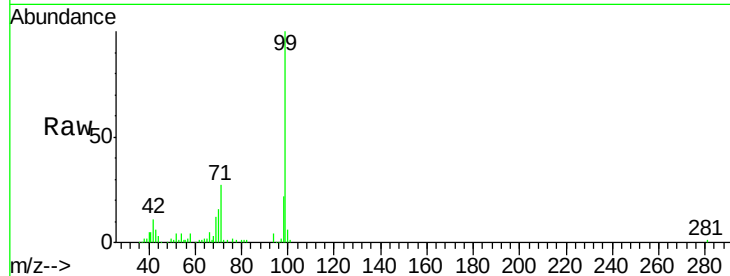




#10
Phenol
Concen: 0.261 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF113958.D
Acq: 24 Apr 2019 13:51

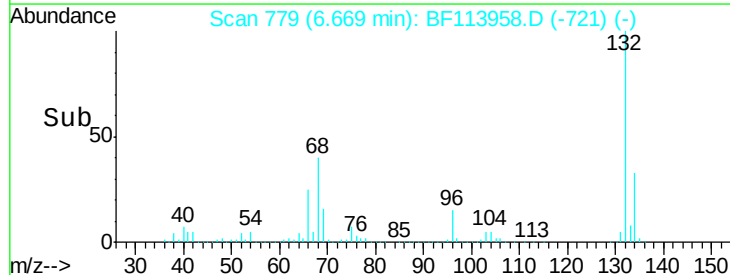
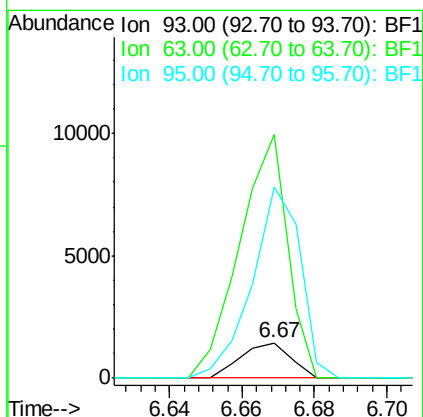
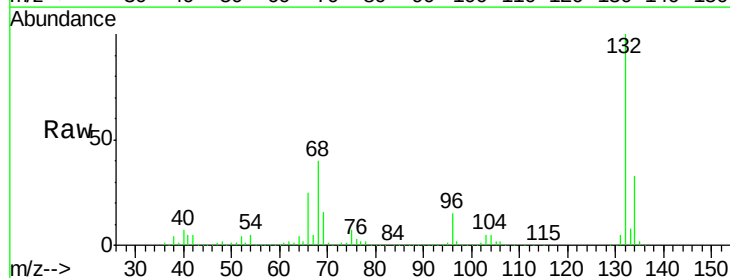
Instrument :
BNA_F
ClientSampleId :

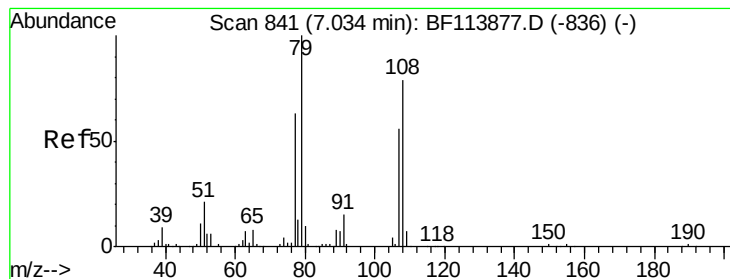
Tot Ion: 94 Resp: 2817
Ion Ratio Lower Upper
94 100
65 52.7 8.1 48.1#
66 120.7 16.6 56.6#



#11
bis(2-Chloroethyl)ether
Concen: 0.170 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.04 min
Lab File: BF113958.D
Acq: 24 Apr 2019 13:51

Tgt Ion: 93 Resp: 1376
Ion Ratio Lower Upper
93 100
63 684.1 50.7 90.7#
95 535.8 12.3 52.3#





#15

Benzyl Alcohol

Concen: 2.040 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.02 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

Instrument :

BNA_F

ClientSampleId :

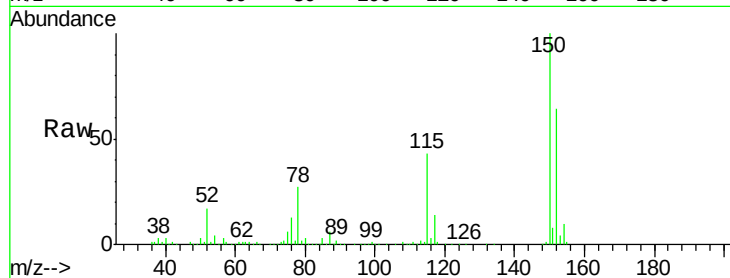
Tot Ion: 79 Resp: 12385

Ion Ratio Lower Upper

79 100

108 28.4 61.4 92.0#

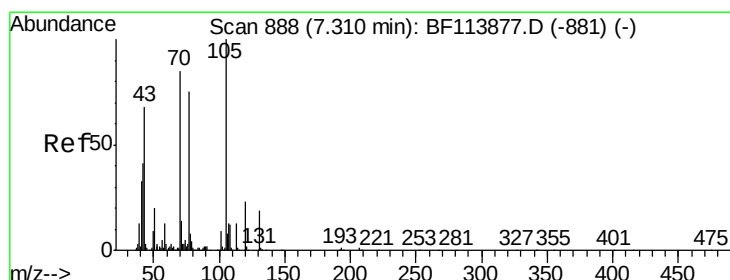
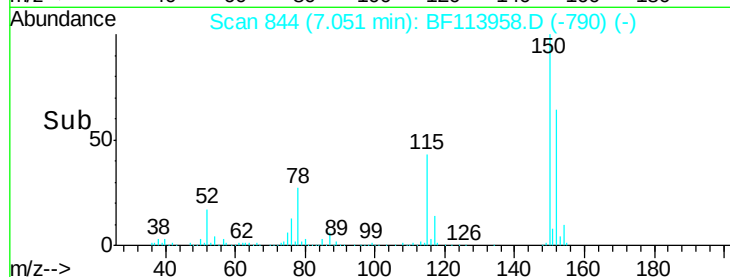
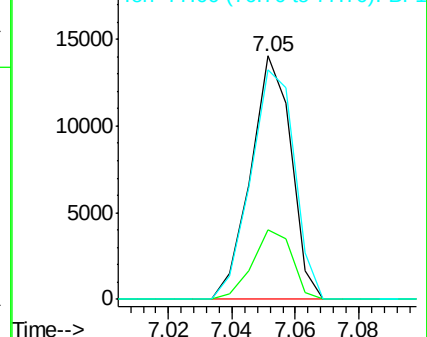
77 94.5 51.6 77.4#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 16.400 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

Tgt Ion: 70 Resp: 95729

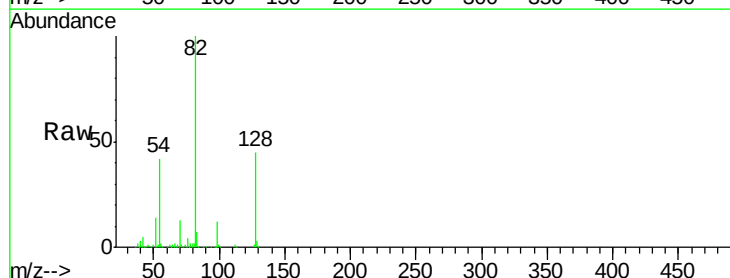
Ion Ratio Lower Upper

70 100

42 38.5 37.3 55.9

101 0.0 7.8 11.8#

130 2.0 18.2 27.2#

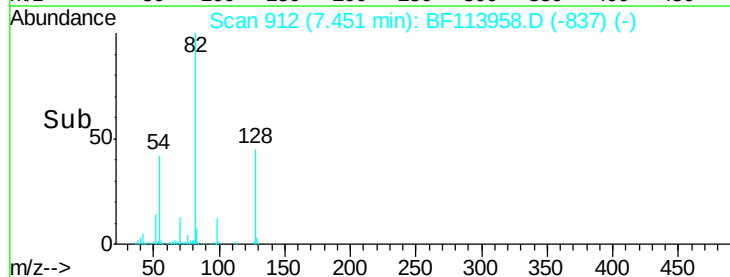
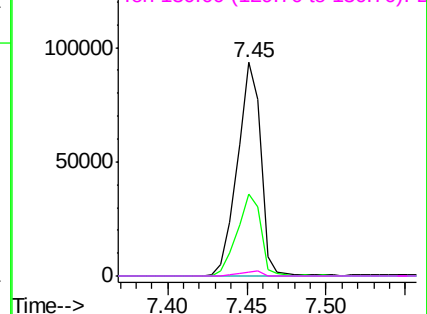


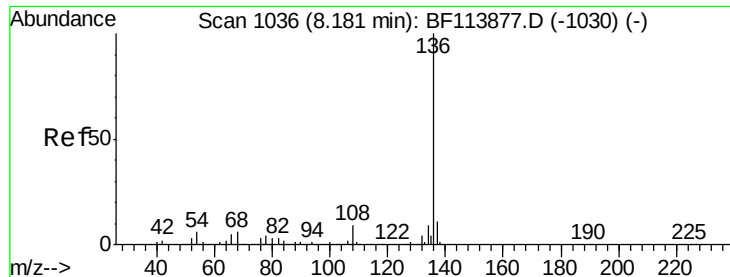
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 455832

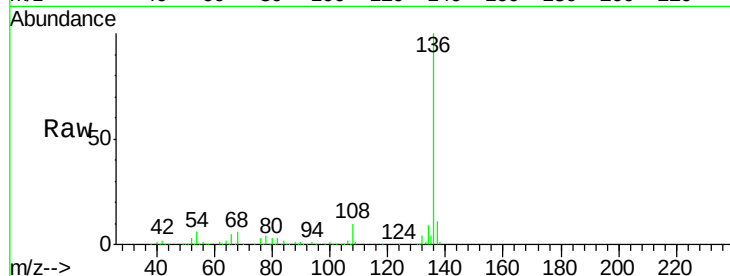
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 6.5 5.0 7.6

68 6.2 4.9 7.3

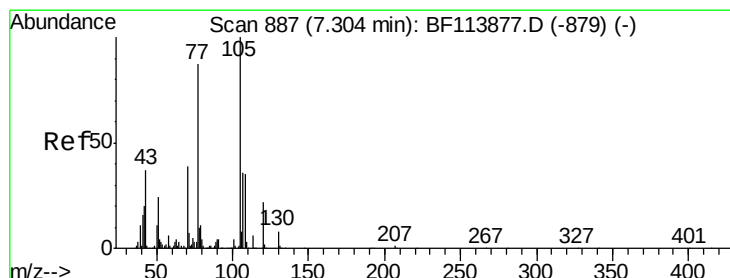
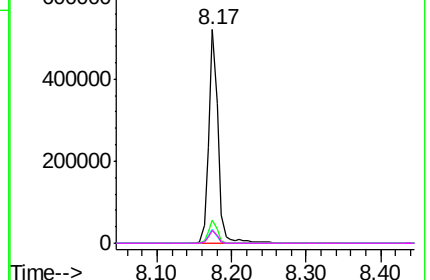
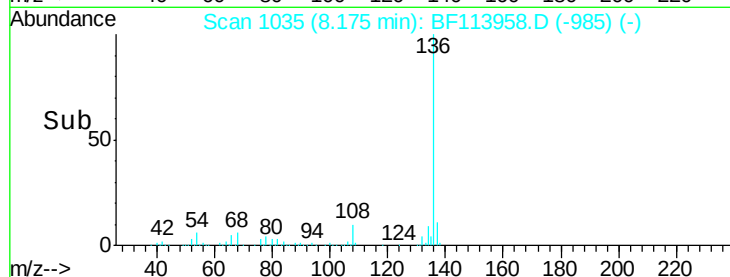


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 0.013 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

Tgt Ion:105 Resp: 128

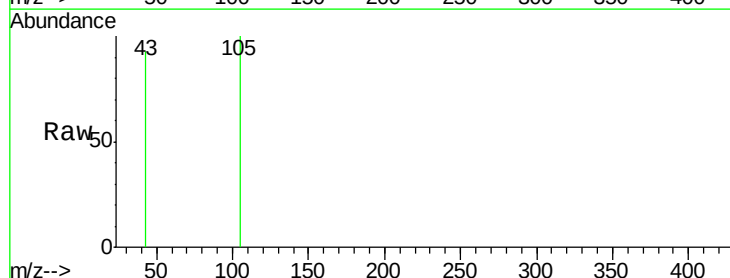
Ion Ratio Lower Upper

105 100

71 0.0 6.1 9.1#

51 0.0 16.8 25.2#

120 0.0 17.6 26.4#

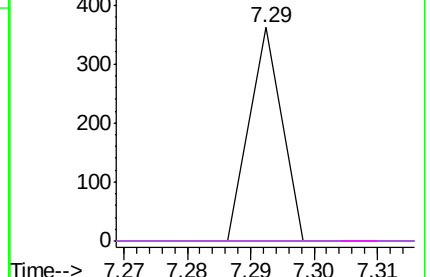
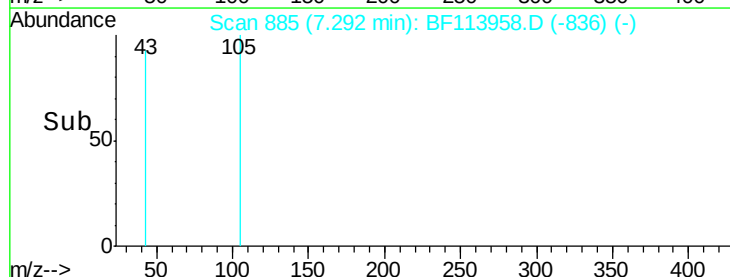


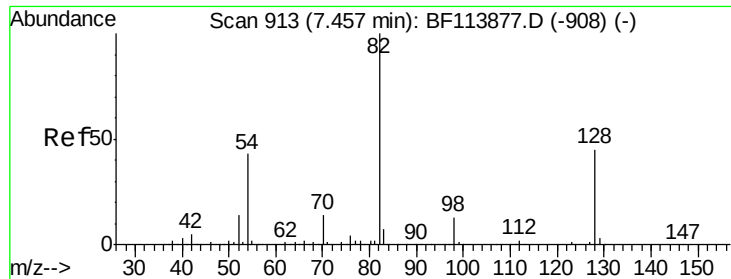
Abundance Ion 105.00 (104.70 to 105.70): E

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

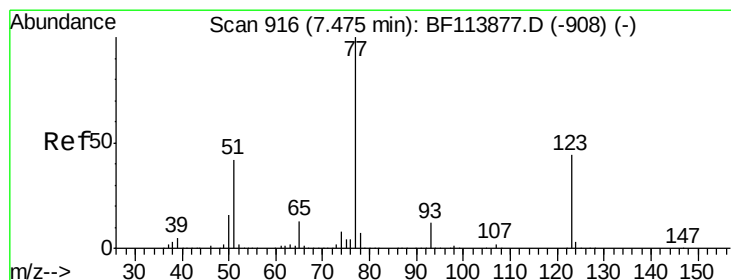
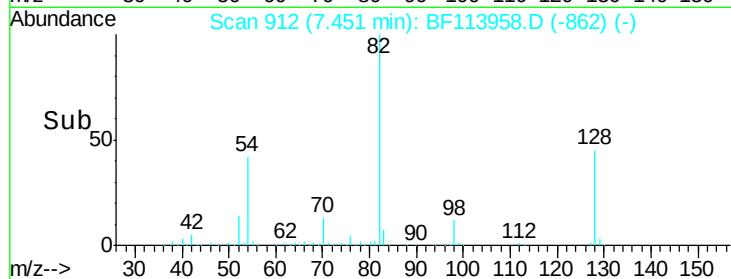
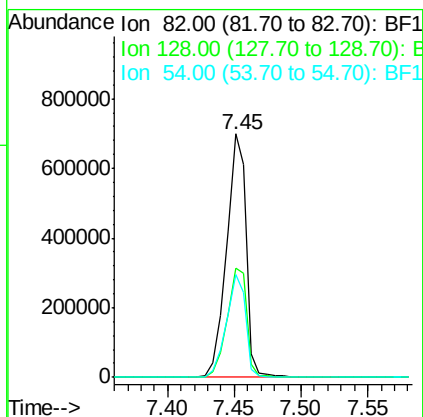
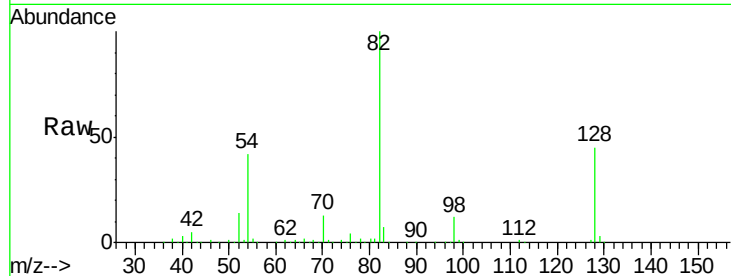




#23
Nitrobenzene-d5
Concen: 98.665 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF113958.D
Acq: 24 Apr 2019 13:51

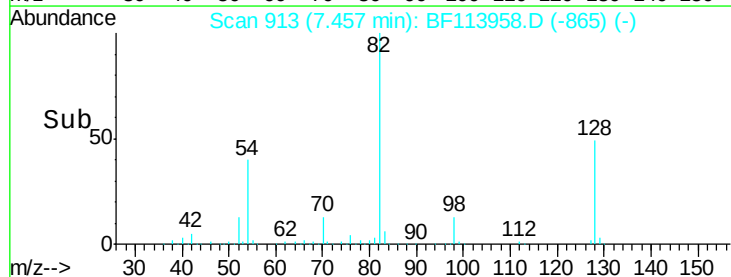
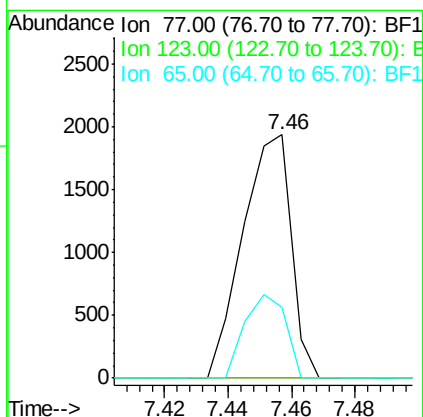
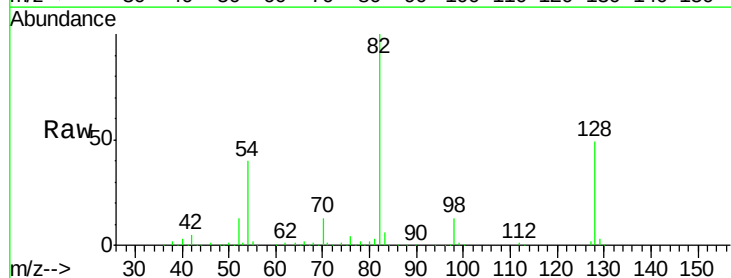
Instrument :
BNA_F
ClientSampleId :

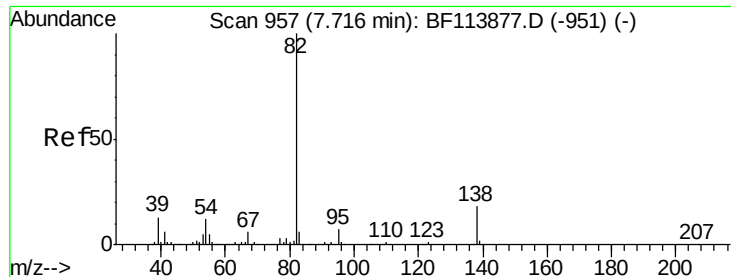
Tot Ion: 82 Resp: 728407
Ion Ratio Lower Upper
82 100
128 45.0 36.8 55.2
54 42.4 33.8 50.6



#24
Nitrobenzene
Concen: 0.251 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF113958.D
Acq: 24 Apr 2019 13:51

Tgt Ion: 77 Resp: 2051
Ion Ratio Lower Upper
77 100
123 0.0 36.3 54.5#
65 29.3 10.3 15.5#





#25

Isophorone

Concen: 48.219 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

Instrument :

BNA_F

ClientSampleId :

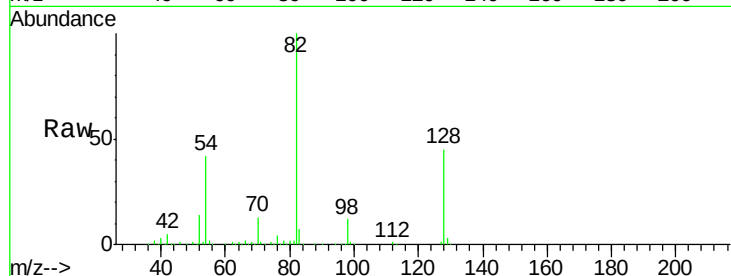
Tot Ion: 82 Resp: 728401

Ion Ratio Lower Upper

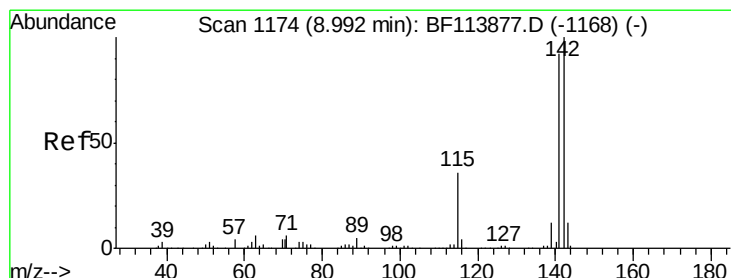
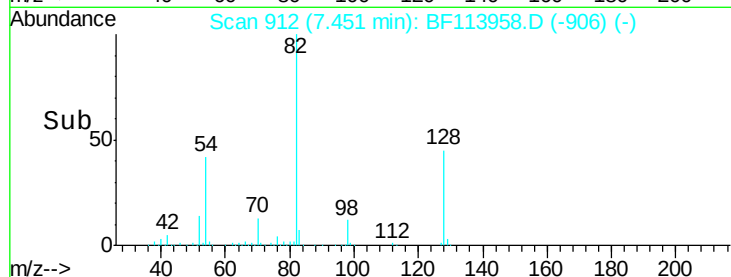
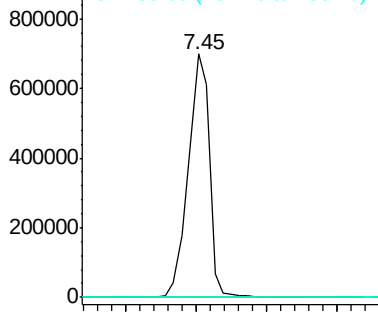
82 100

95 0.0 5.4 8.2#

138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#38

1-Methylnaphthalene

Concen: 0.042 ng

RT: 9.25 min Scan# 1218

Delta R.T. 0.26 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

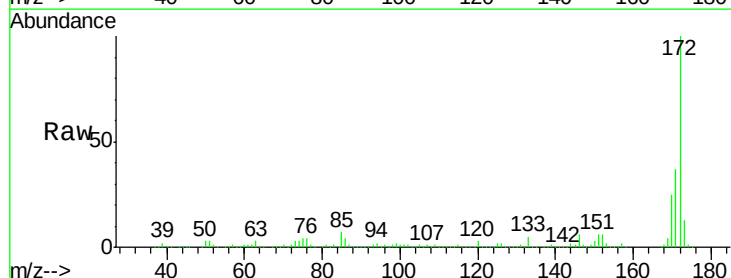
Tgt Ion: 142 Resp: 588

Ion Ratio Lower Upper

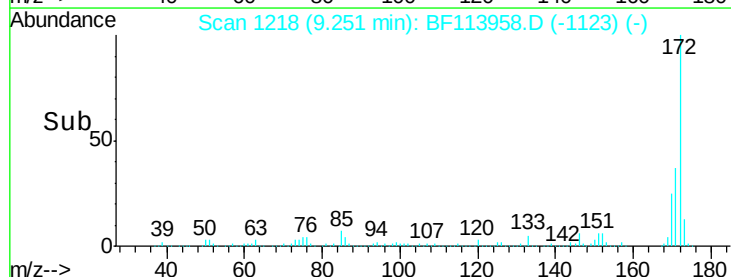
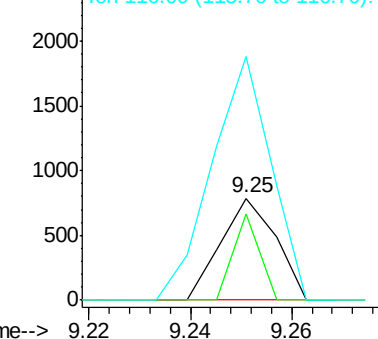
142 100

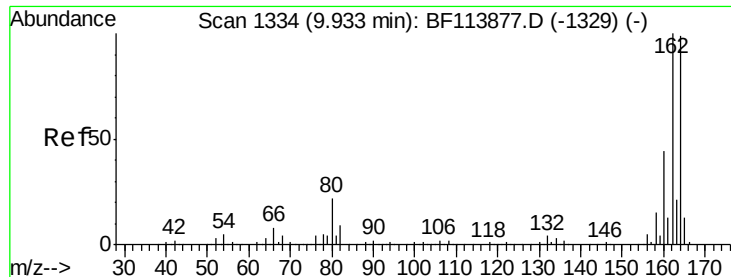
141 84.4 72.3 108.5

116 238.5 3.0 4.4#



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: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

Instrument :

BNA_F

ClientSampleId :

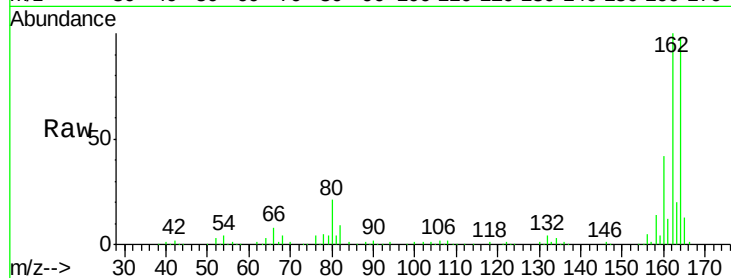
Tot Ion:164 Resp: 229554

Ion Ratio Lower Upper

164 100

162 102.2 81.1 121.7

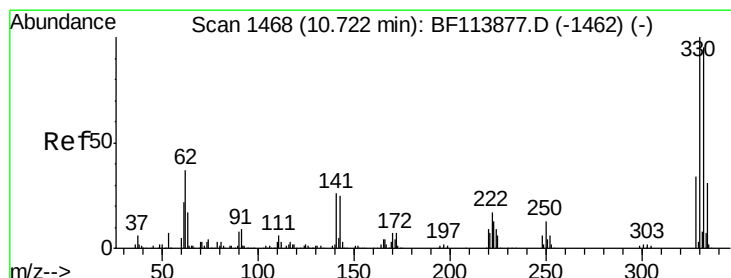
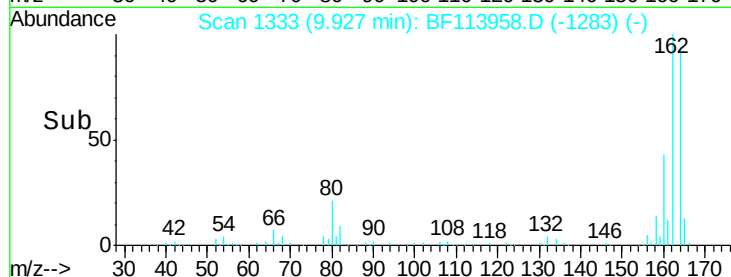
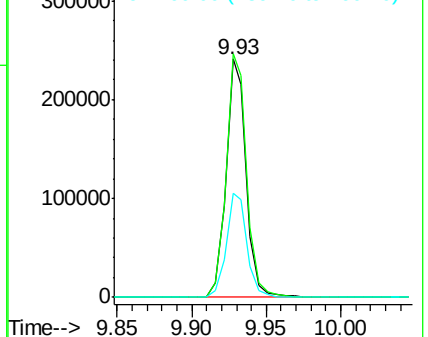
160 43.4 35.8 53.6



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: 120.523 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

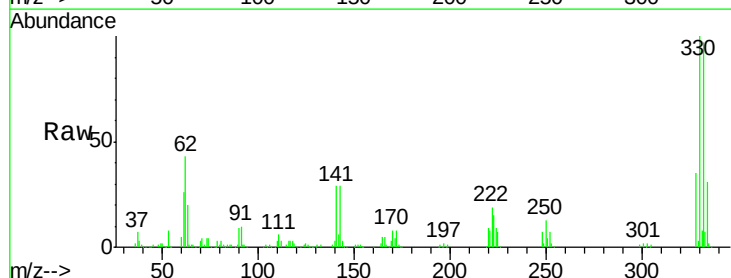
Tgt Ion:330 Resp: 337035

Ion Ratio Lower Upper

330 100

332 96.1 77.5 116.3

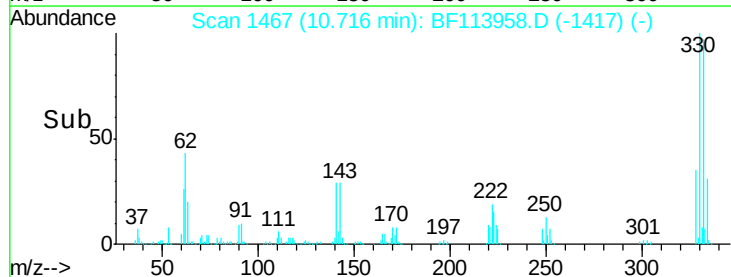
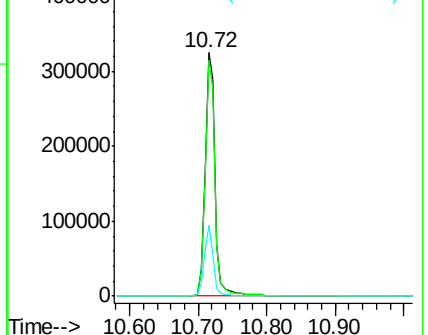
141 27.0 22.2 33.2

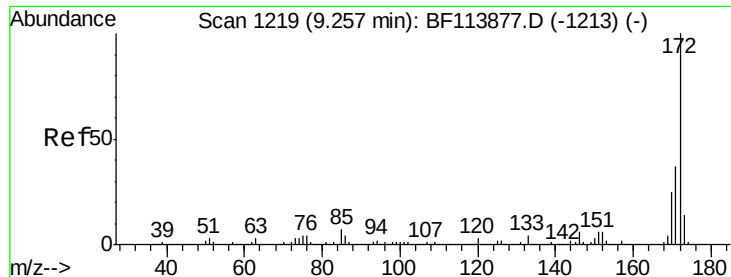


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

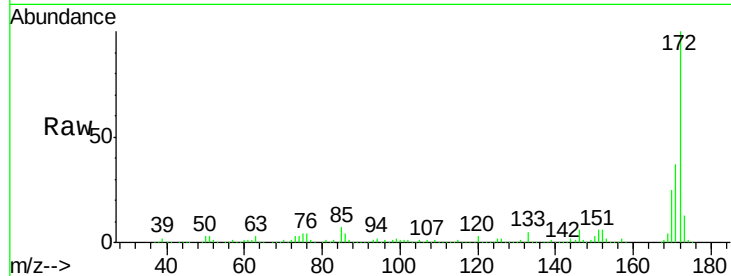




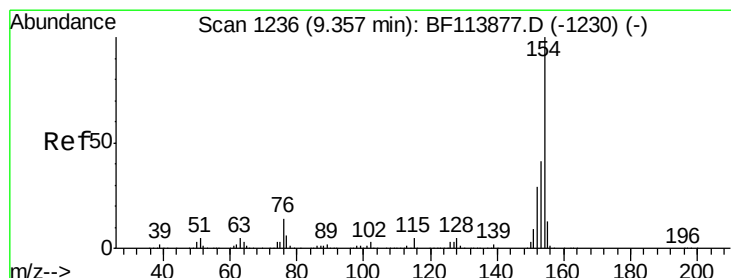
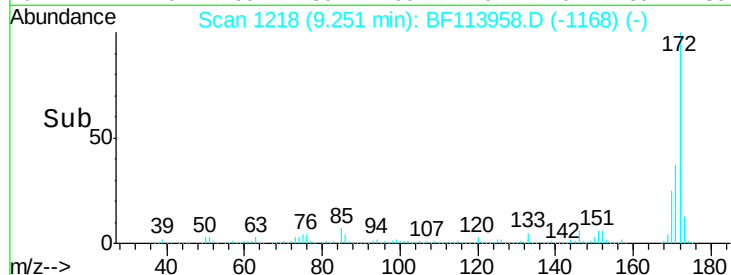
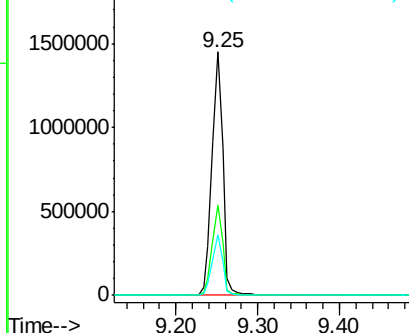
#45
2-Fluorobiphenyl
Concen: 91.479 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF113958.D
Acq: 24 Apr 2019 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1342655
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.0
170 24.6 19.9 29.9

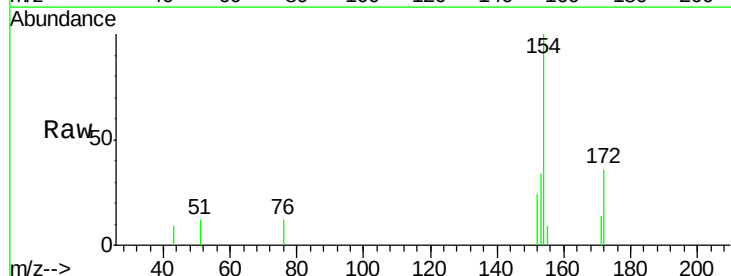


Abundance Ion 172.00 (171.70 to 172.70): E
2000000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

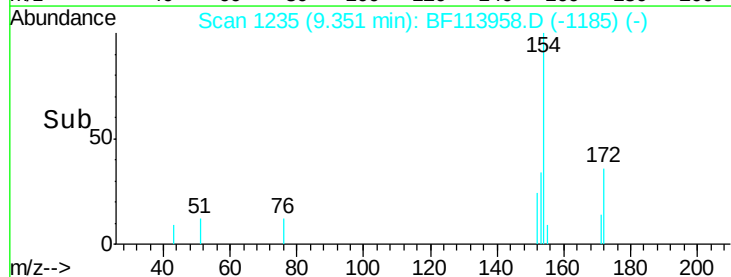
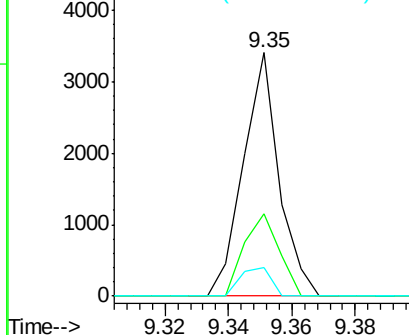


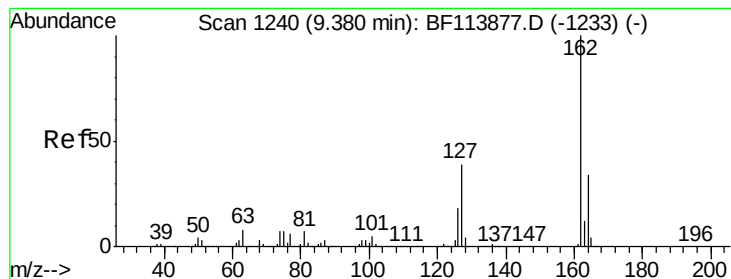
#46
1,1'-Biphenyl
Concen: 0.151 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF113958.D
Acq: 24 Apr 2019 13:51

Tgt Ion:154 Resp: 2655
Ion Ratio Lower Upper
154 100
153 33.9 20.8 60.8
76 11.7 0.0 35.2



Abundance Ion 154.00 (153.70 to 154.70): E
4000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 0.069 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.26 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

Instrument :

BNA_F

ClientSampled :

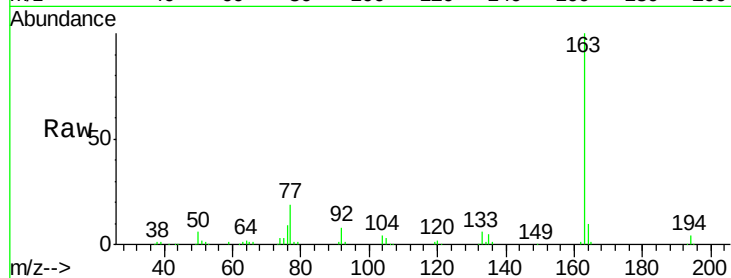
Tot Ion: 162 Resp: 991

Ion Ratio Lower Upper

162 100

127 0.0 29.3 43.9#

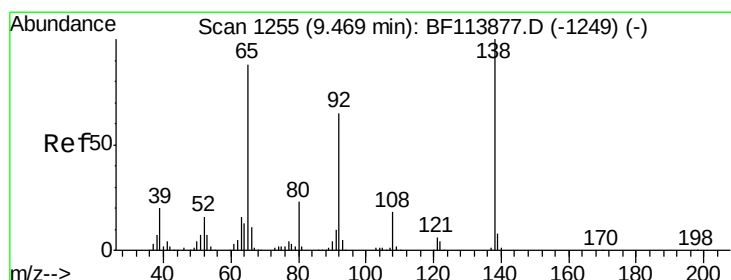
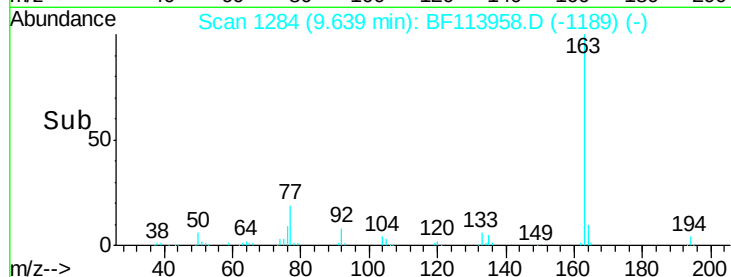
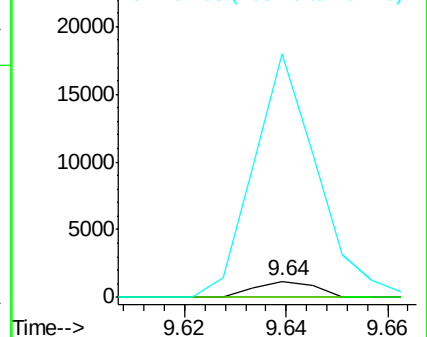
164 1511.3 27.1 40.7#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 0.316 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.17 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

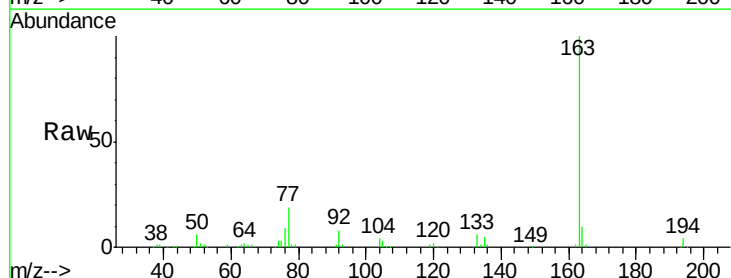
Tgt Ion: 65 Resp: 1180

Ion Ratio Lower Upper

65 100

92 923.8 57.4 86.0#

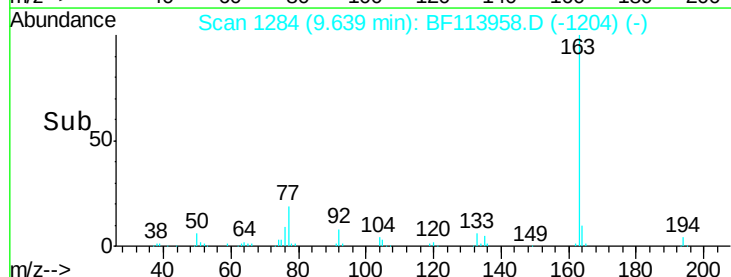
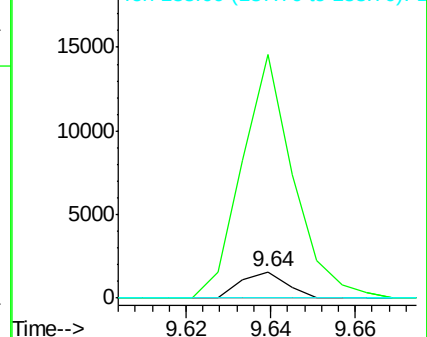
138 0.0 85.4 128.0#

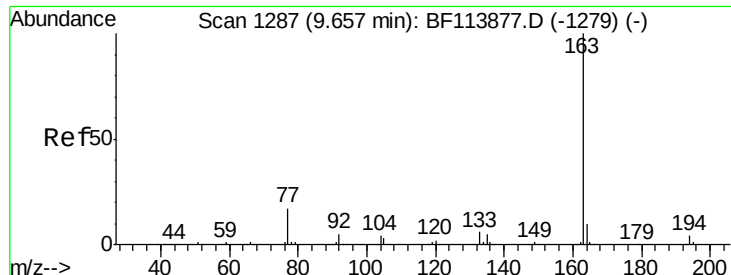


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#50

Dimethylphthalate

Concen: 9.702 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

Instrument :

BNA_F

ClientSampleId :

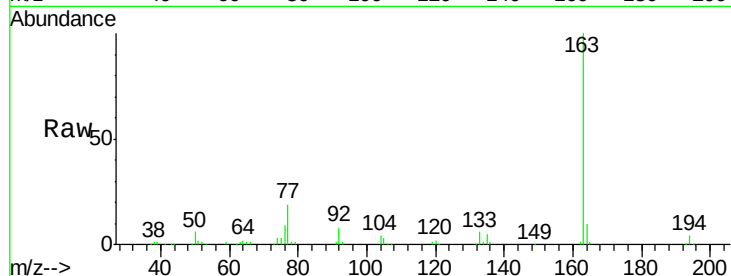
Tot Ion:163 Resp: 161072

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

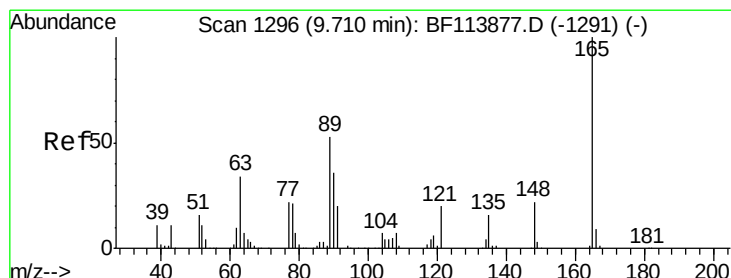
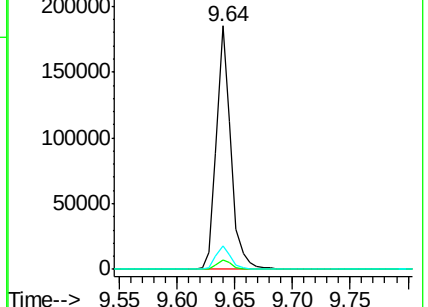
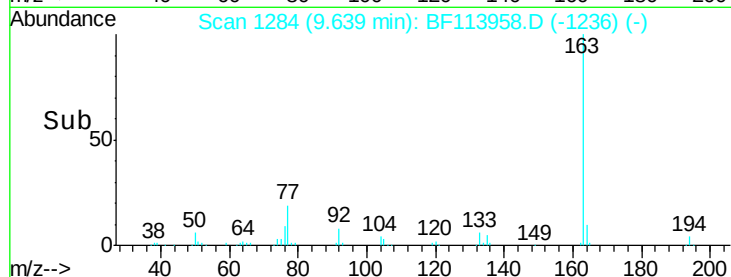
164 9.7 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 0.469 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.07 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

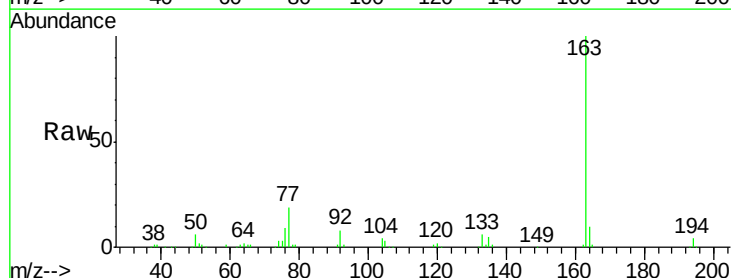
Tgt Ion:165 Resp: 1671

Ion Ratio Lower Upper

165 100

63 106.7 33.8 50.8#

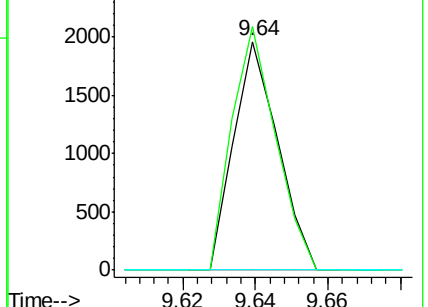
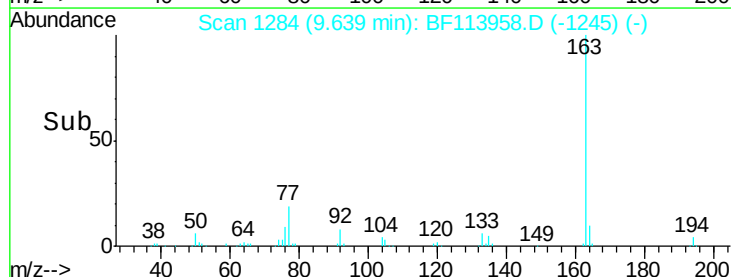
89 0.0 38.2 57.2#

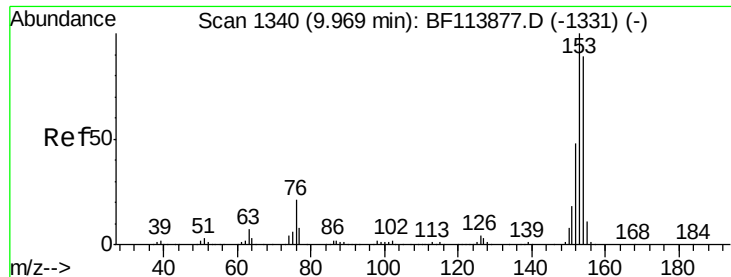


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 0.052 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.04 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

Instrument :

BNA_F

ClientSampleId :

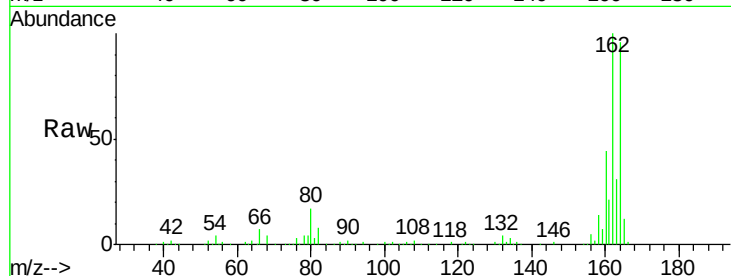
Tot Ion:154 Resp: 684

Ion Ratio Lower Upper

154 100

153 0.0 87.2 130.8#

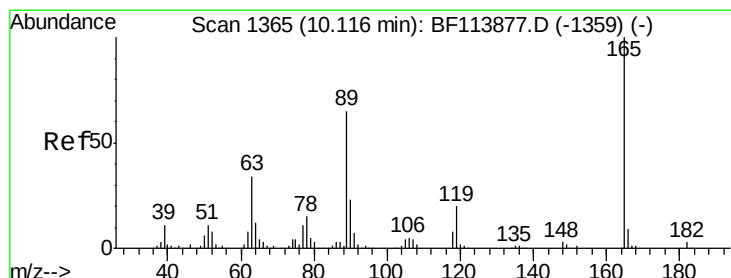
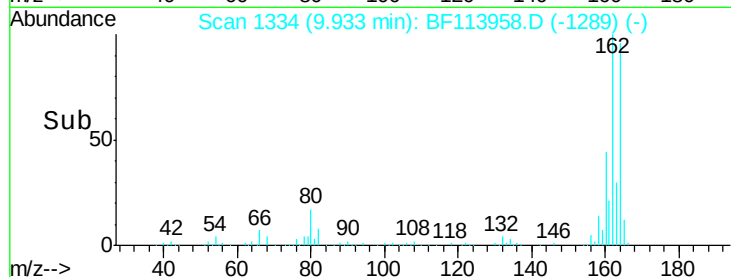
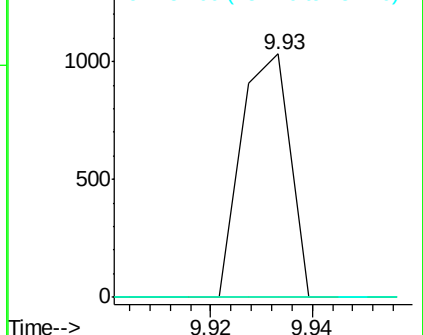
152 0.0 42.3 63.5#



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



#57

2,4-Dinitrotoluene

Concen: 6.531 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.19 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

Tgt Ion:165 Resp: 29362

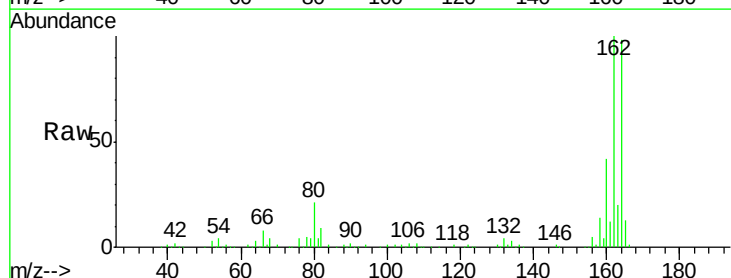
Ion Ratio Lower Upper

165 100

63 1.1 27.4 41.0#

89 1.3 51.8 77.6#

182 0.0 2.2 3.2#

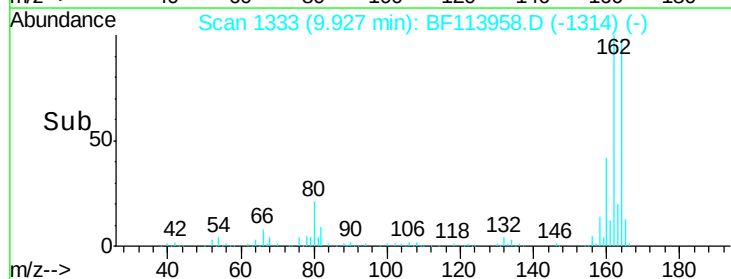
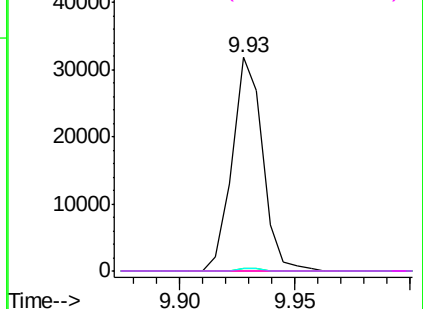


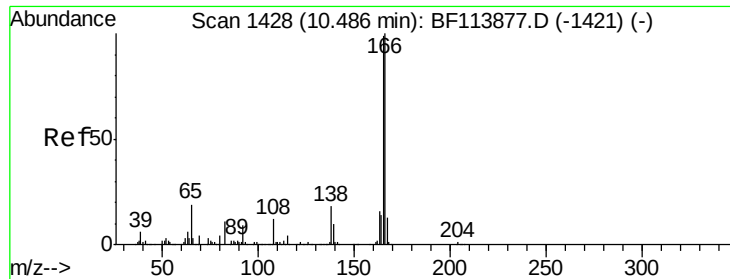
Abundance Ion 165.00 (164.70 to 165.70): E

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

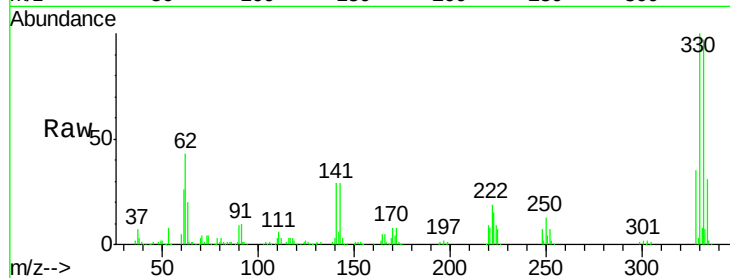




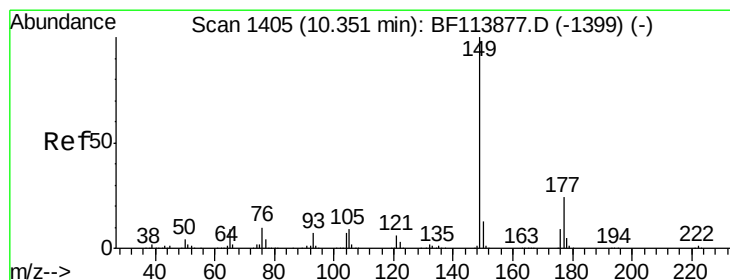
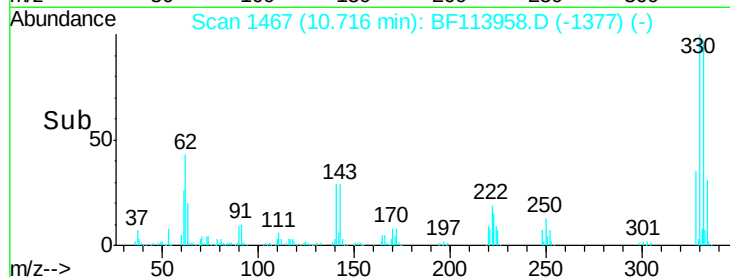
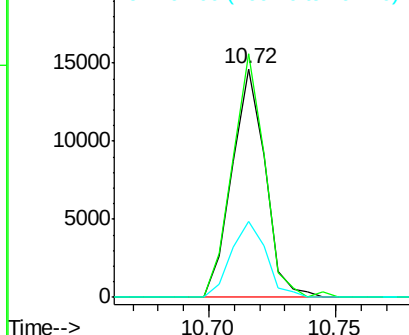
#58
 Fluorene
 Concen: 0.895 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.23 min
 Lab File: BF113958.D
 Acq: 24 Apr 2019 13:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 13316
 Ion Ratio Lower Upper
 166 100
 165 106.6 78.4 117.6
 167 33.3 10.9 16.3#

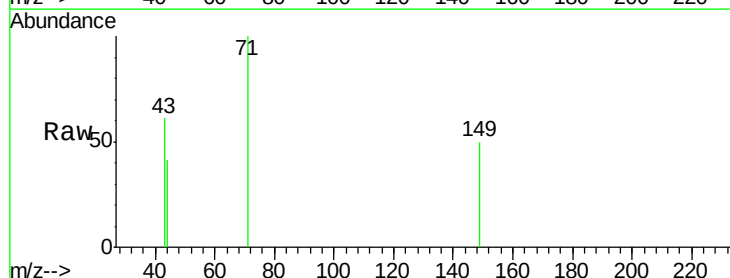


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

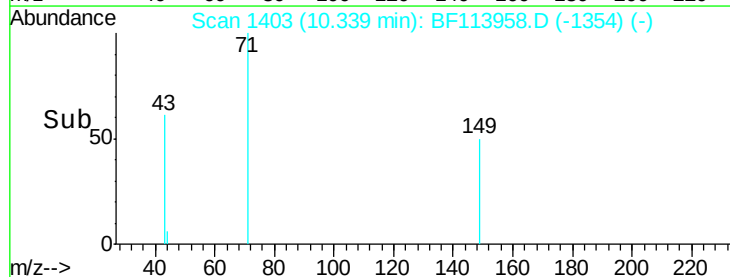
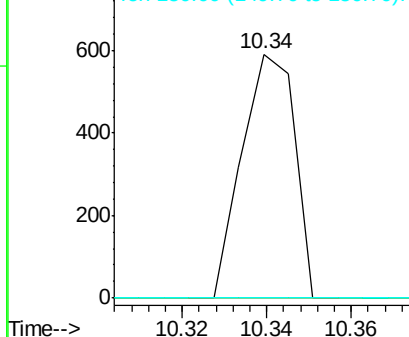


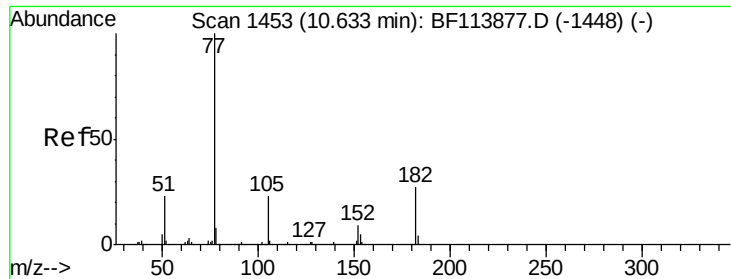
#60
 Diethylphthalate
 Concen: 0.033 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF113958.D
 Acq: 24 Apr 2019 13:51

Tgt Ion:149 Resp: 514
 Ion Ratio Lower Upper
 149 100
 177 0.0 19.2 28.8#
 150 0.0 10.3 15.5#



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





#63

Azobenzene

Concen: 0.079 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.08 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1211

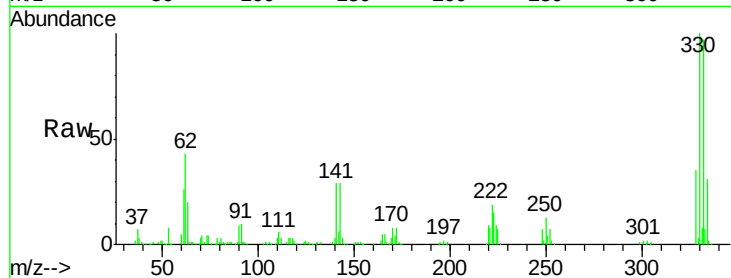
Ion Ratio Lower Upper

77 100

182 0.0 4.4 44.4#

105 77.4 2.2 42.2#

51 56.0 3.9 43.9#

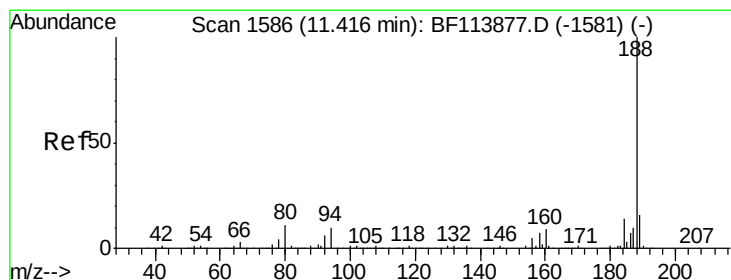
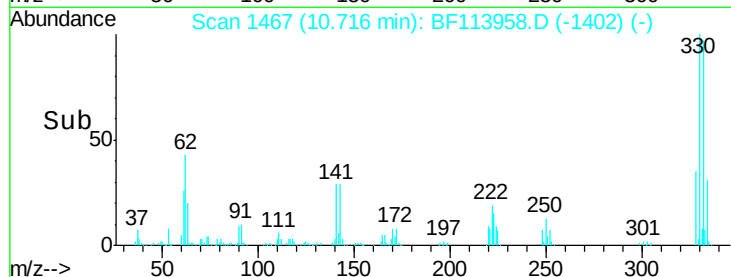
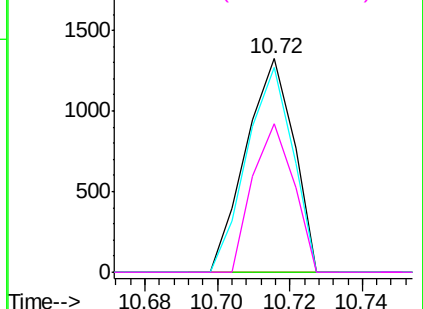


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

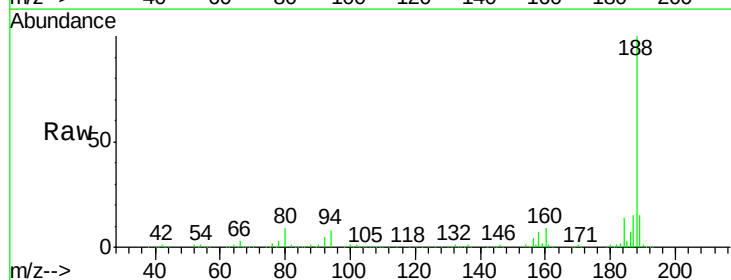
Tgt Ion: 188 Resp: 434268

Ion Ratio Lower Upper

188 100

94 8.3 8.2 12.4

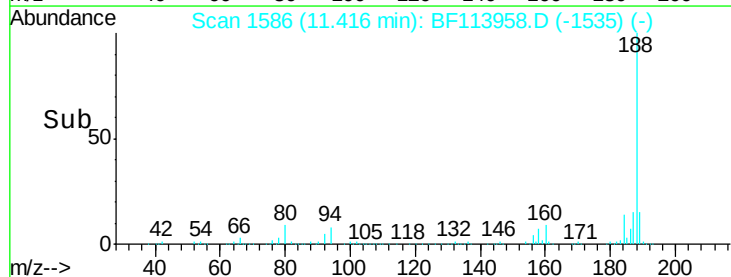
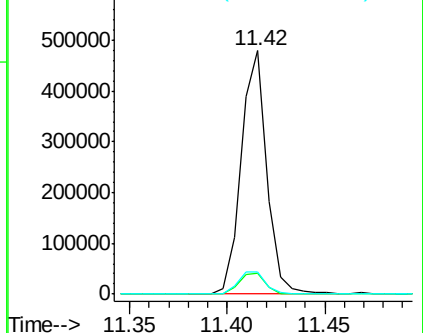
80 9.3 9.0 13.6

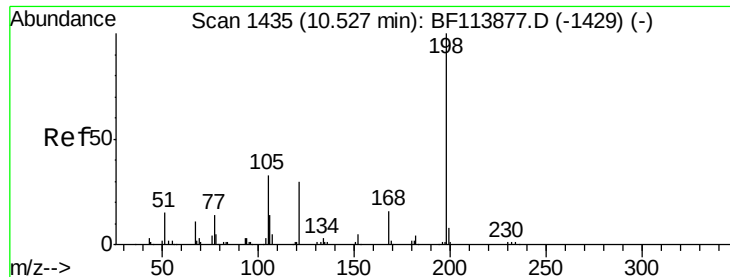


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

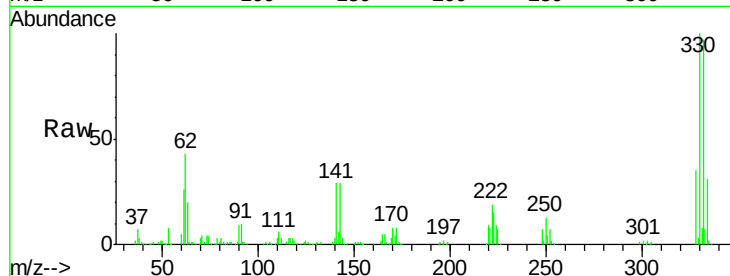




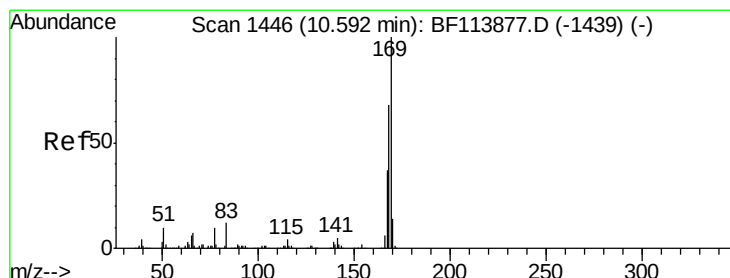
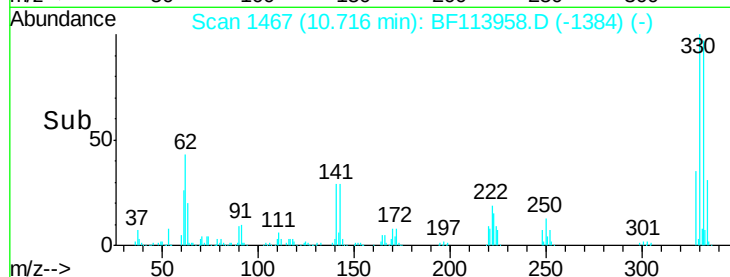
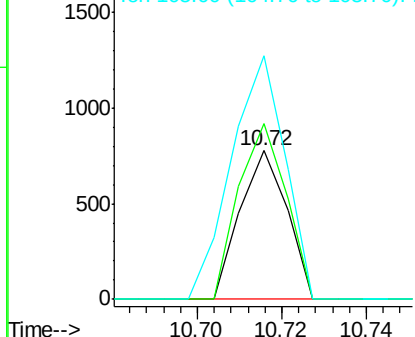
#65
4,6-Dinitro-2-methylphenol
Concen: 7.562 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.19 min
Lab File: BF113958.D
Acq: 24 Apr 2019 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 597
Ion Ratio Lower Upper
198 100
51 118.7 11.1 51.1#
105 163.9 20.7 60.7#

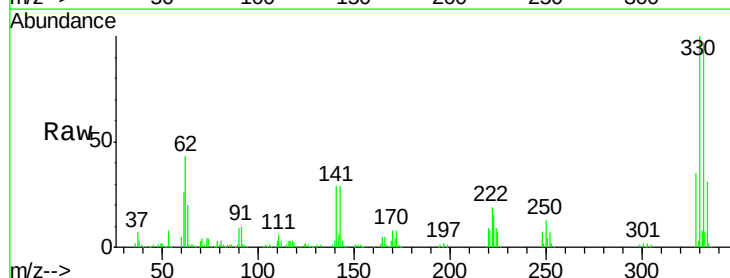


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

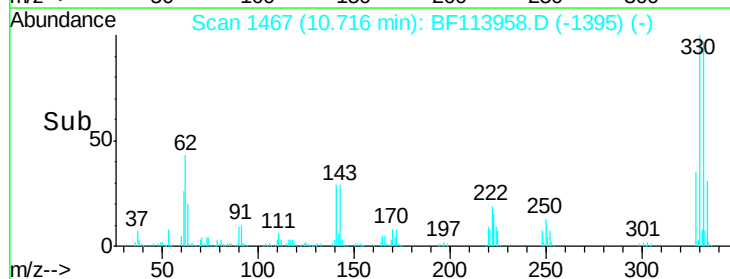
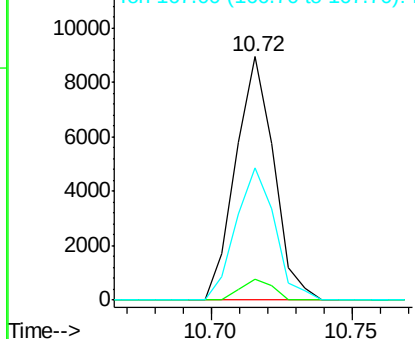


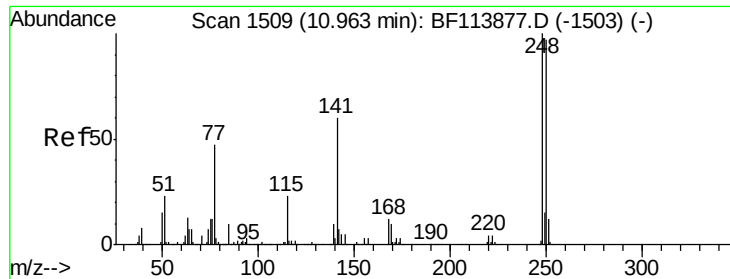
#66
n-Nitrosodiphenylamine
Concen: 0.646 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.12 min
Lab File: BF113958.D
Acq: 24 Apr 2019 13:51

Tgt Ion:169 Resp: 8422
Ion Ratio Lower Upper
169 100
168 8.8 54.3 81.5#
167 54.4 29.4 44.0#



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

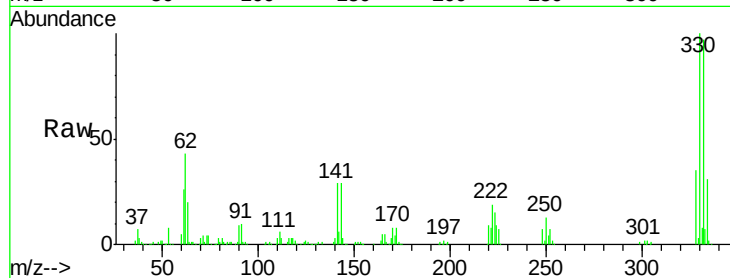




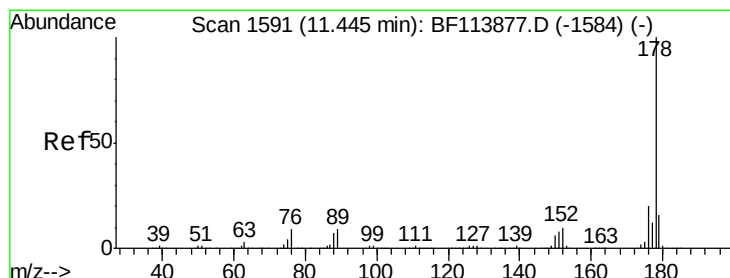
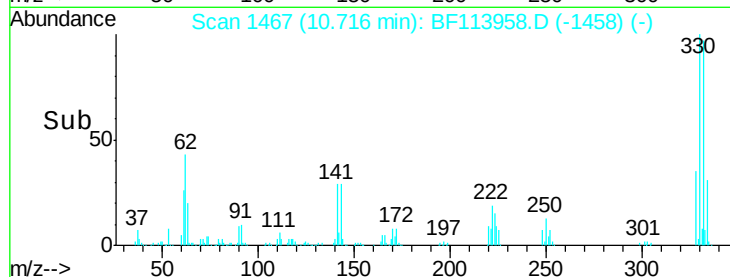
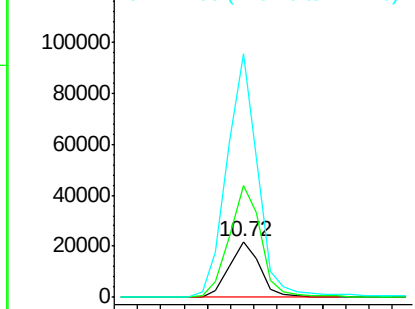
#67
 4-Bromophenyl-phenylether
 Concen: 3.828 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.25 min
 Lab File: BF113958.D
 Acq: 24 Apr 2019 13:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 20081
 Ion Ratio Lower Upper
 248 100
 250 200.1 75.8 113.6#
 141 438.2 50.2 75.4#

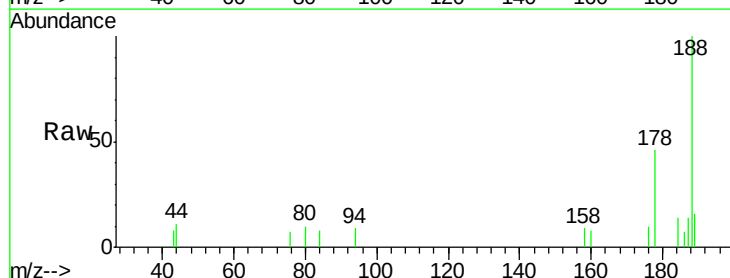


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

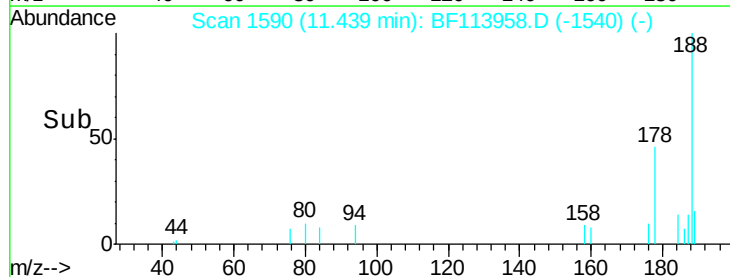
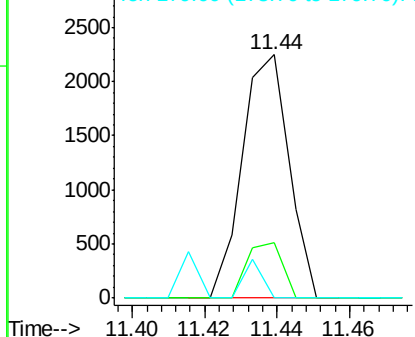


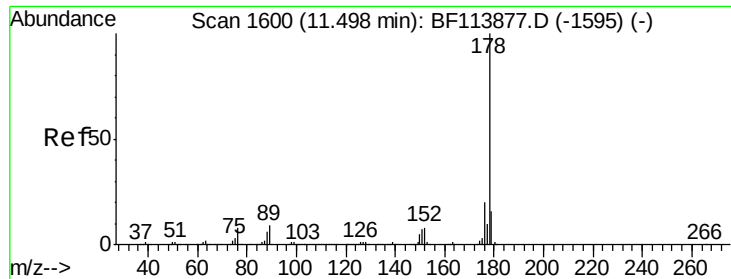
#71
 Phenanthrene
 Concen: 0.092 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF113958.D
 Acq: 24 Apr 2019 13:51

Tgt Ion:178 Resp: 2009
 Ion Ratio Lower Upper
 178 100
 176 22.6 16.1 24.1
 179 0.0 12.8 19.2#



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: 0.013 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

Instrument :

BNA_F

ClientSampleId :

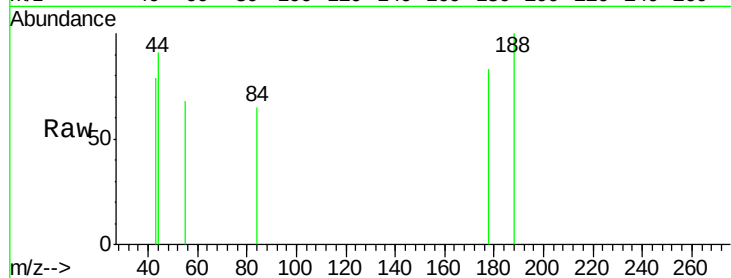
Tot Ion:178 Resp: 294

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

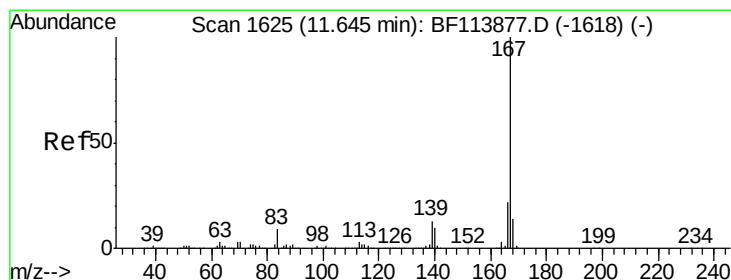
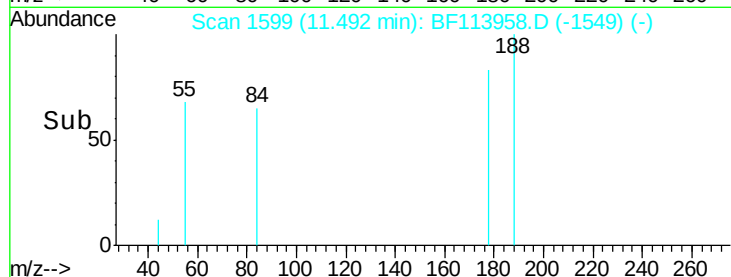
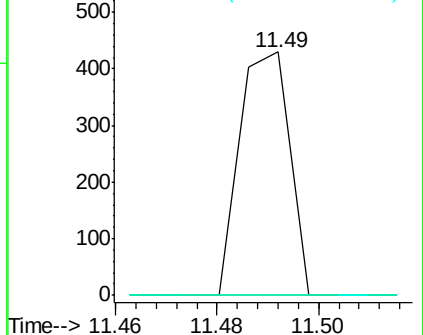
179 0.0 13.0 19.4#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 0.021 ng

RT: 11.64 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

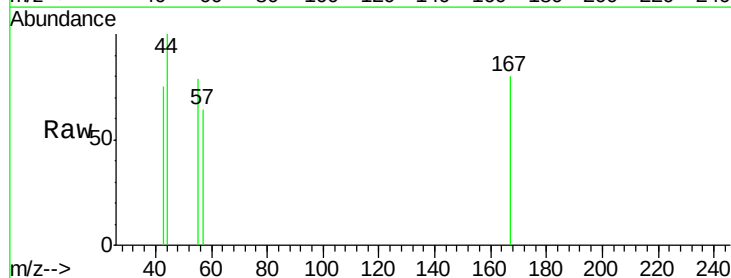
Tgt Ion:167 Resp: 406

Ion Ratio Lower Upper

167 100

166 0.0 17.7 26.5#

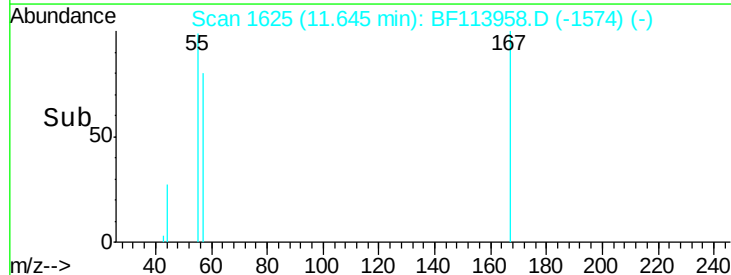
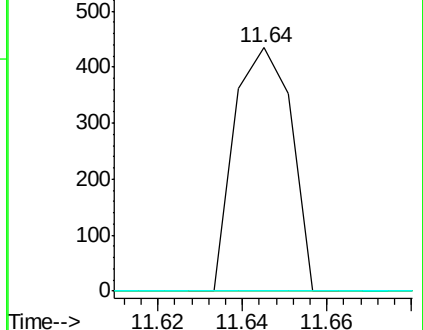
139 0.0 10.0 15.0#

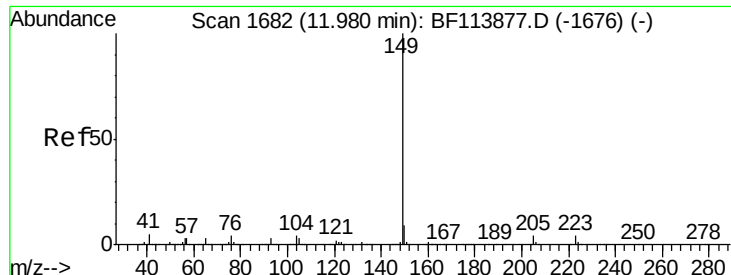


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.083 ng

RT: 11.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

Instrument :

BNA_F

ClientSampleId :

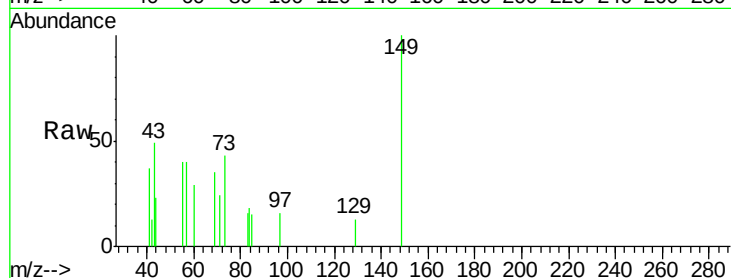
Tot Ion:149 Resp: 1909

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.8#

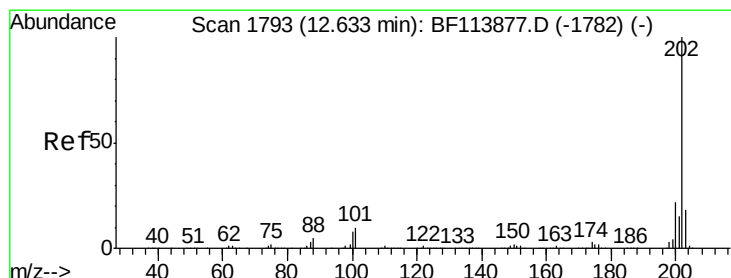
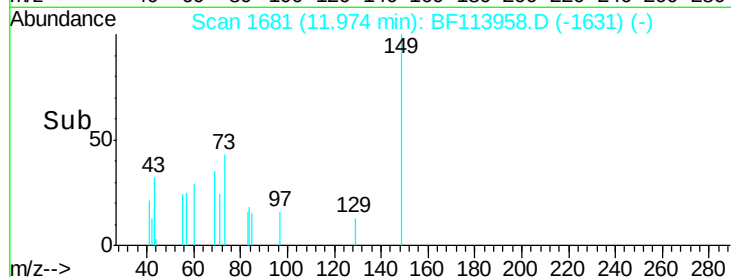
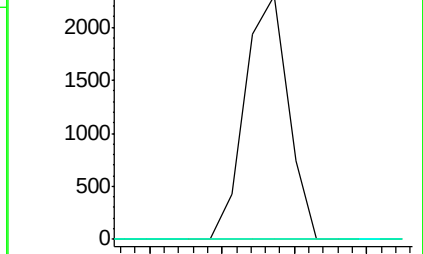
104 0.0 3.8 5.8#



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: 0.279 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

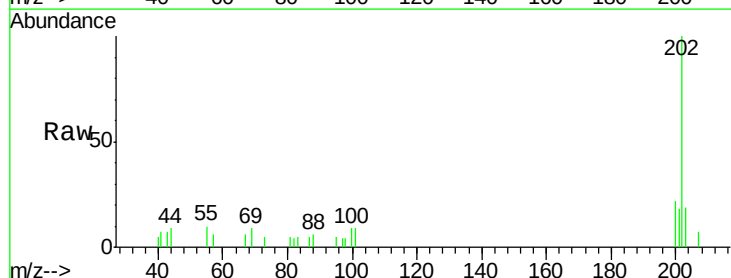
Tgt Ion:202 Resp: 6644

Ion Ratio Lower Upper

202 100

101 9.2 0.0 32.9

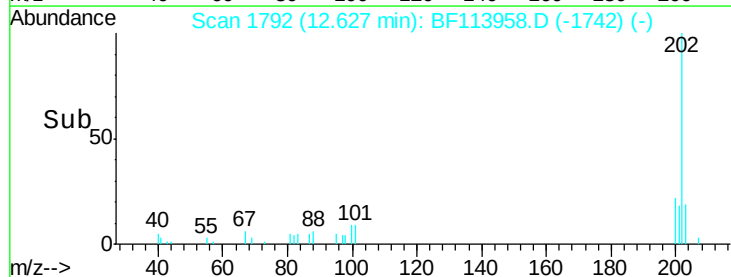
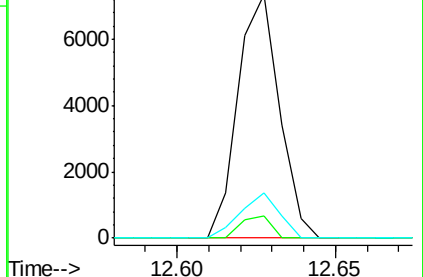
203 18.7 0.0 38.2

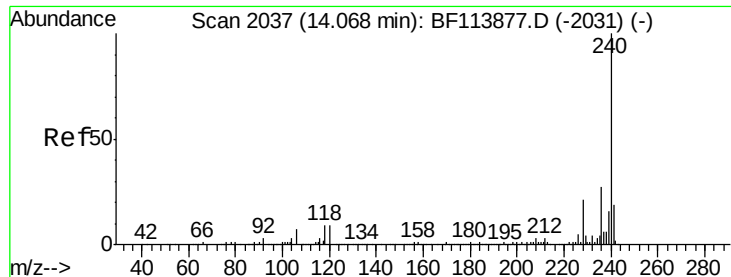


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

Instrument :

BNA_F

ClientSampleId :

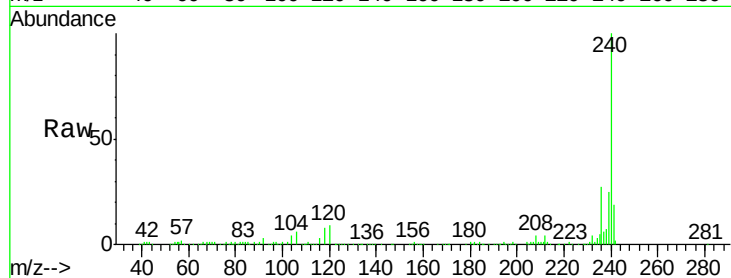
Tot Ion:240 Resp: 295907

Ion Ratio Lower Upper

240 100

120 9.1 9.3 13.9#

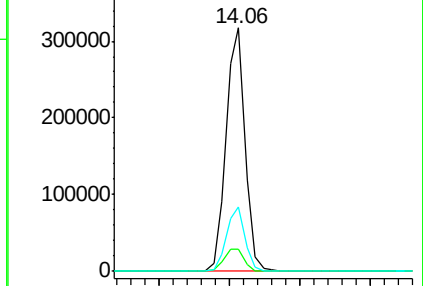
236 26.6 21.2 31.8



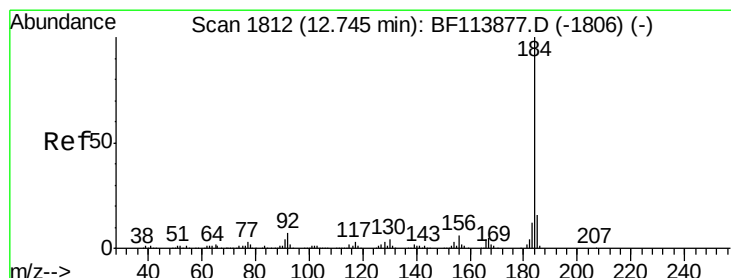
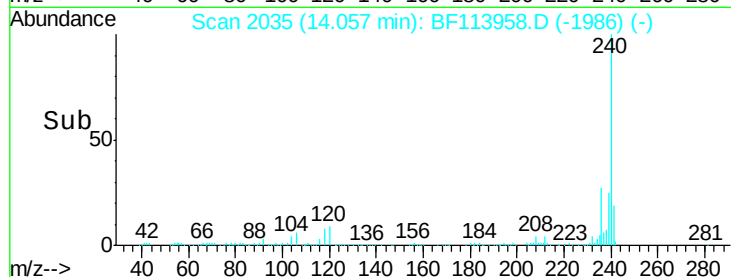
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#77

Benzidine

Concen: 1.805 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.25 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

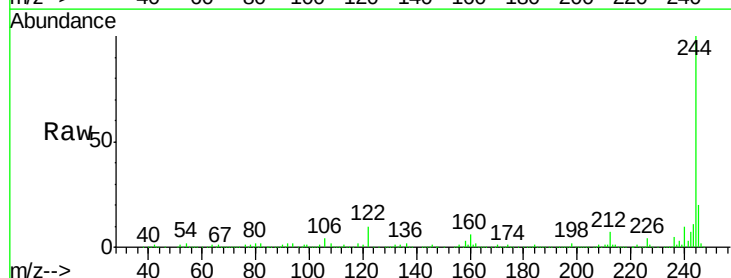
Tgt Ion:184 Resp: 15915

Ion Ratio Lower Upper

184 100

185 16.0 13.0 19.6

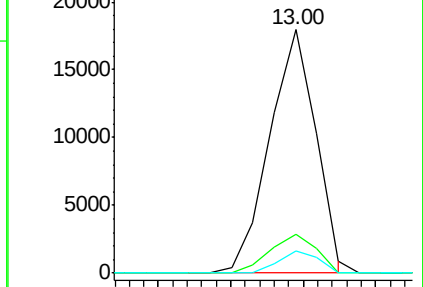
183 9.1 9.4 14.0#



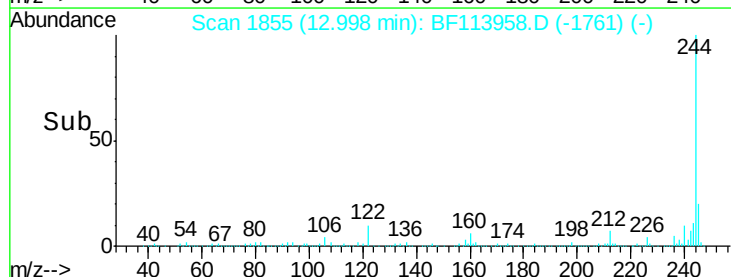
Abundance Ion 184.00 (183.70 to 184.70): E

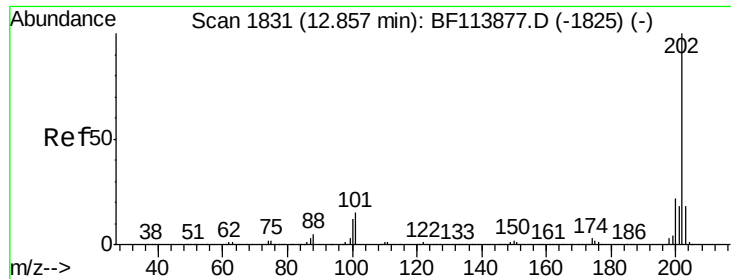
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->

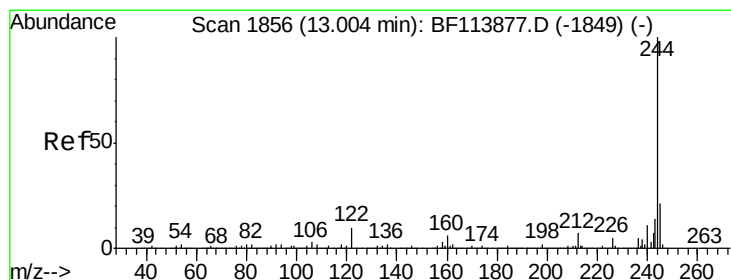
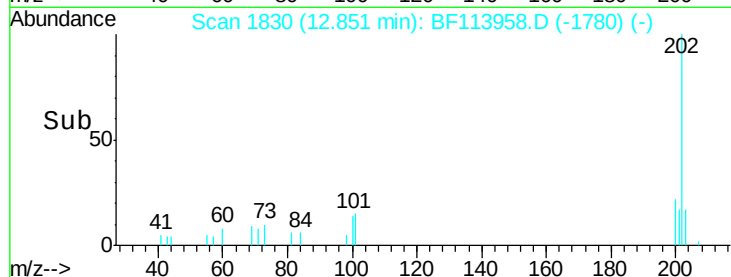
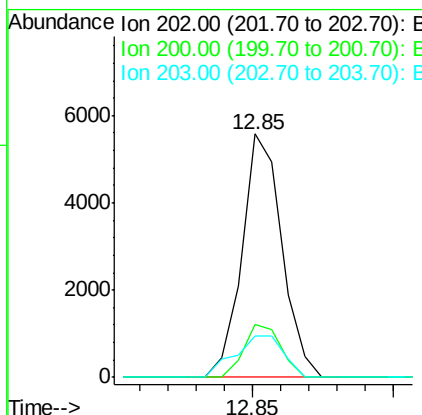
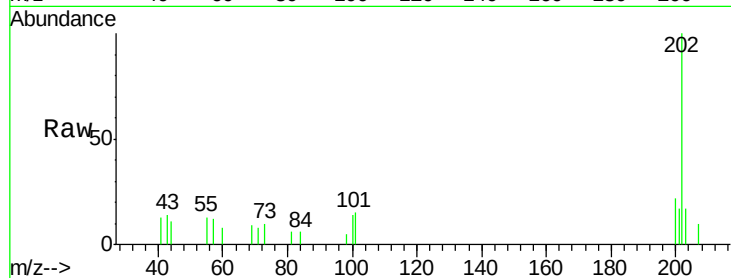




#78
 Pvrene
 Concen: 0.263 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF113958.D
 Acq: 24 Apr 2019 13:51

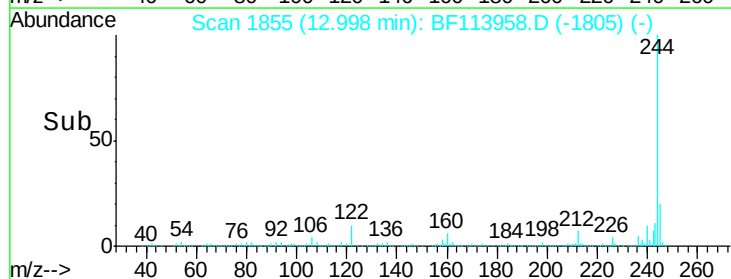
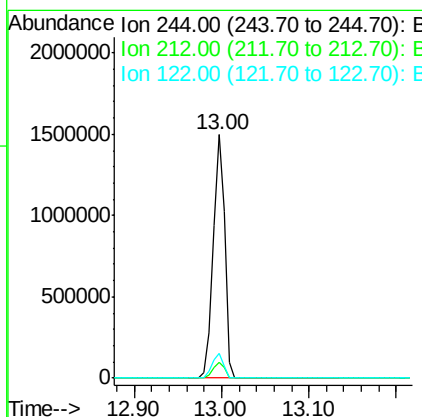
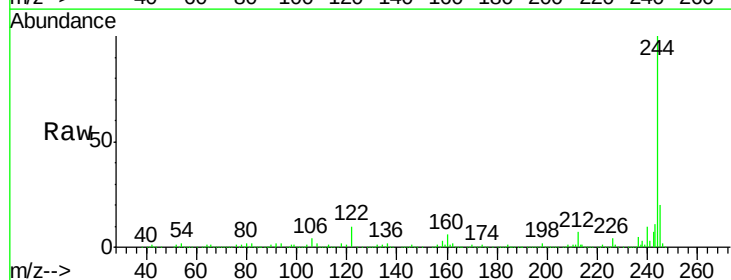
Instrument :
 BNA_F
 ClientSampleId :

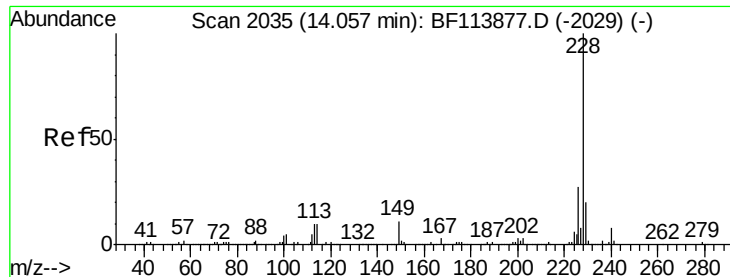
Tot Ion:202 Resp: 5444
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.7 26.5
 203 16.9 15.0 22.6



#79
 Terphenyl-d14
 Concen: 95.411 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BF113958.D
 Acq: 24 Apr 2019 13:51

Tgt Ion:244 Resp: 1377114
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.4 7.6 11.4





#81

Benzo(a)anthracene

Concen: 0.197 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF113958.D

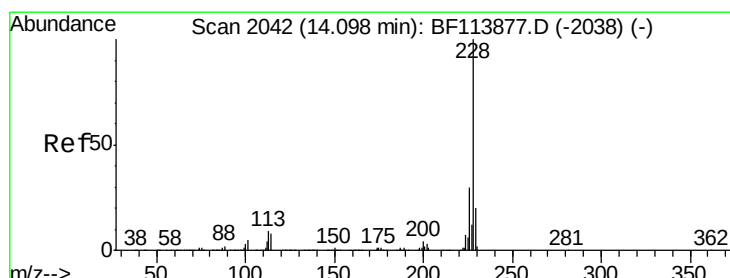
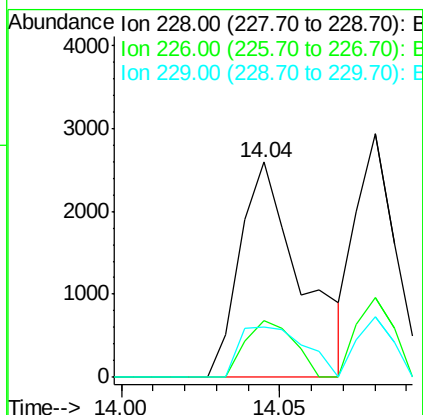
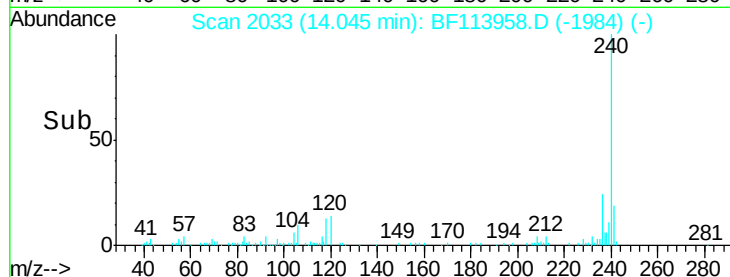
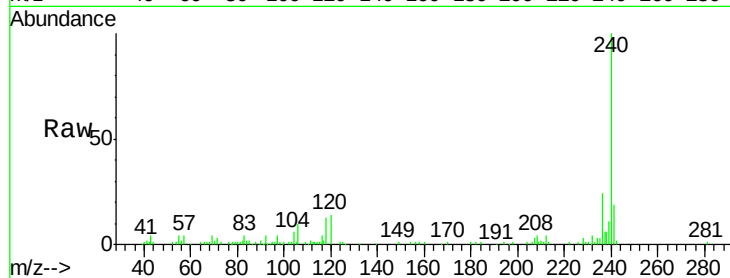
Acq: 24 Apr 2019 13:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:228	Resp:	3442
Ion Ratio	Lower	Upper
228	100	
226	26.5	22.2 33.2
229	23.1	16.0 24.0



#83

Chrysene

Concen: 0.203 ng

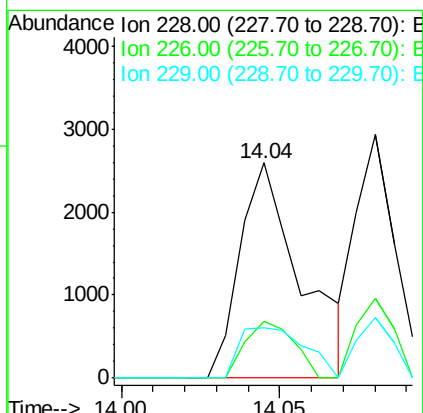
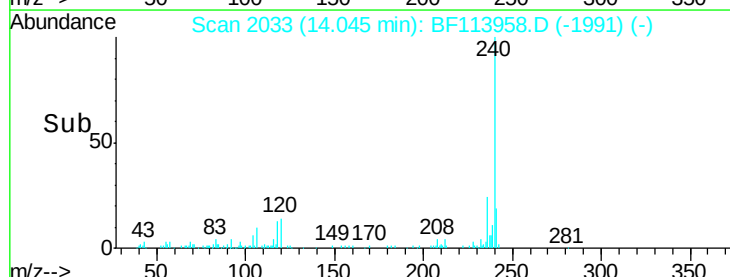
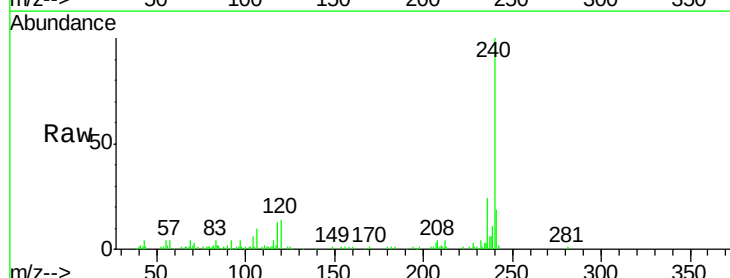
RT: 14.04 min Scan# 2033

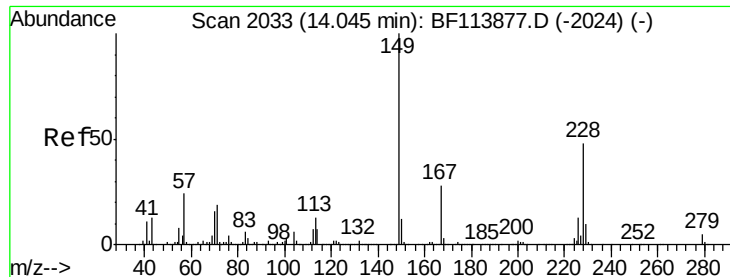
Delta R.T. -0.05 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

Tgt Ion:228	Resp:	3442
Ion Ratio	Lower	Upper
228	100	
226	26.5	25.2 37.8
229	23.1	16.7 25.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.190 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

Instrument :

BNA_F

ClientSampleId :

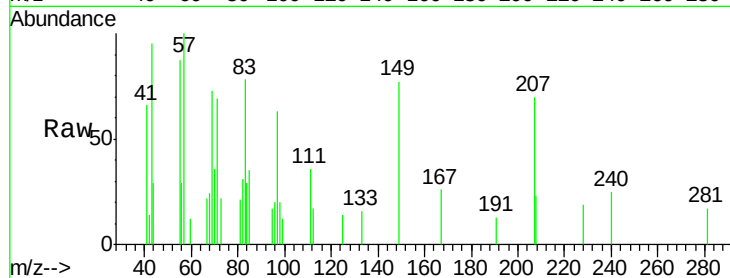
Tot Ion:149 Resp: 1972

Ion Ratio Lower Upper

149 100

167 34.6 22.9 34.3#

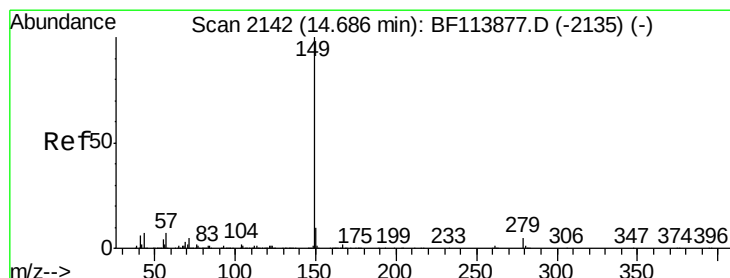
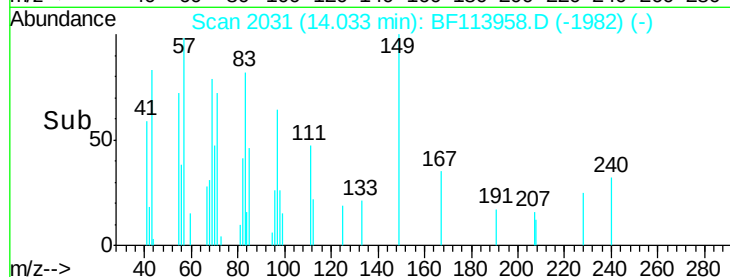
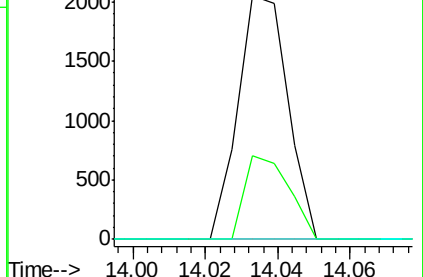
279 0.0 4.2 6.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.009 ng

RT: 14.66 min Scan# 2138

Delta R.T. -0.02 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

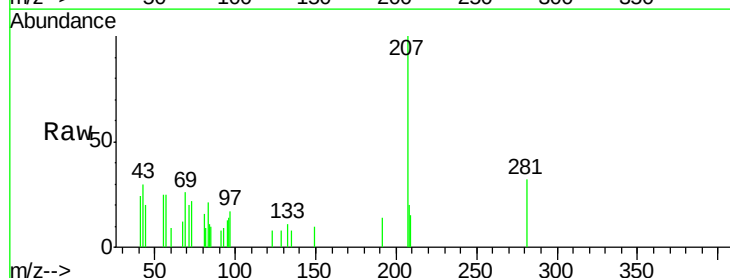
Tgt Ion:149 Resp: 140

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

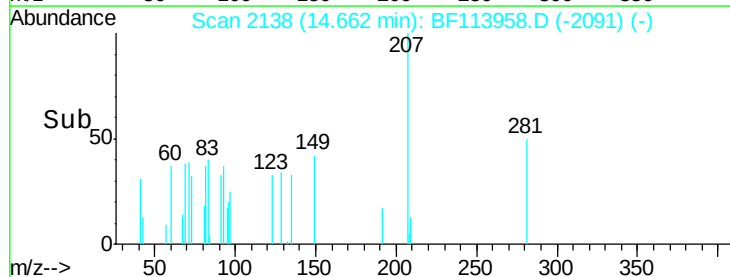
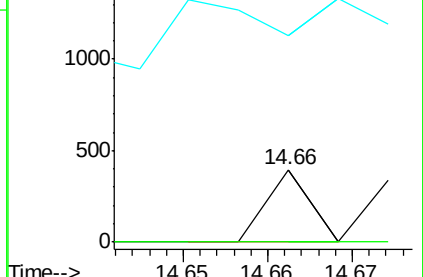
43 0.0 6.6 10.0#

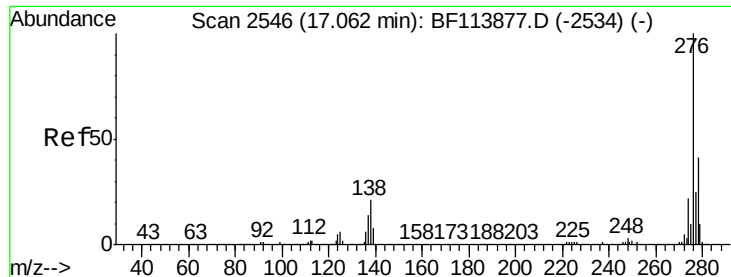


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

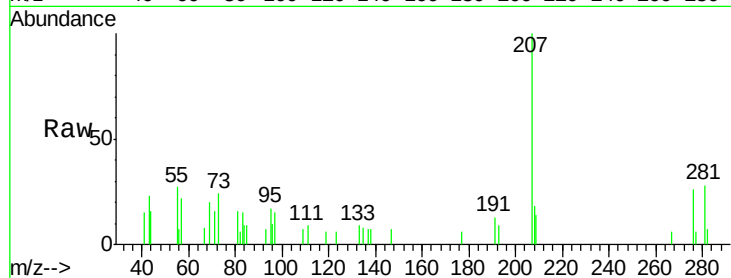




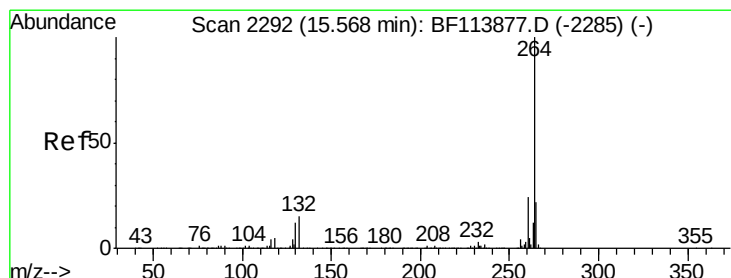
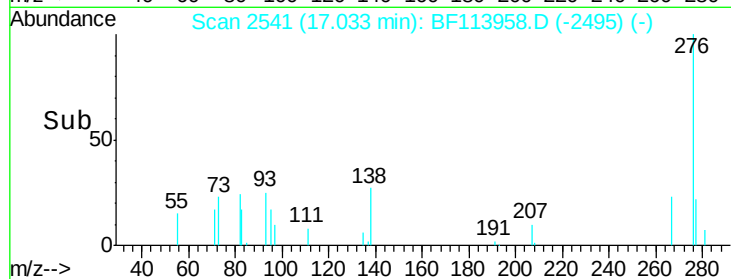
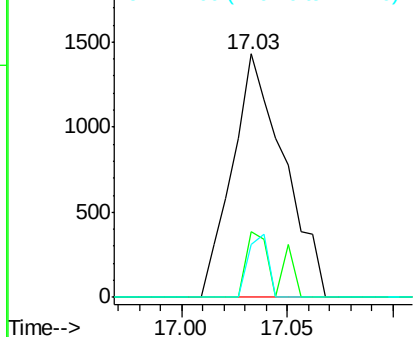
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.151 ng
 RT: 17.03 min Scan# 2541
 Delta R.T. -0.03 min
 Lab File: BF113958.D
 Acq: 24 Apr 2019 13:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 2426
 Ion Ratio Lower Upper
 276 100
 138 15.1 19.6 29.4#
 277 9.9 20.2 30.4#

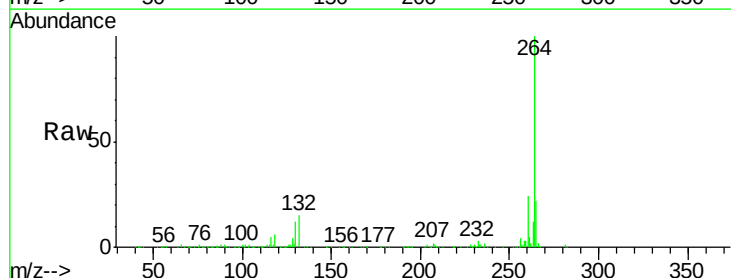


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

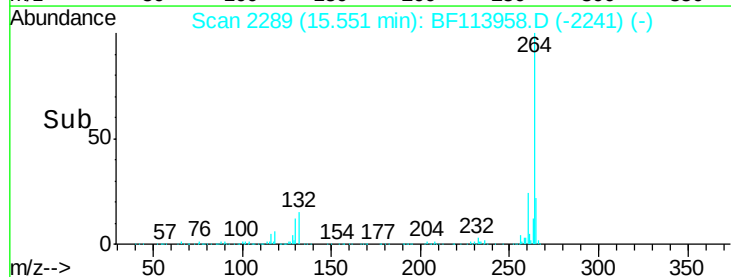
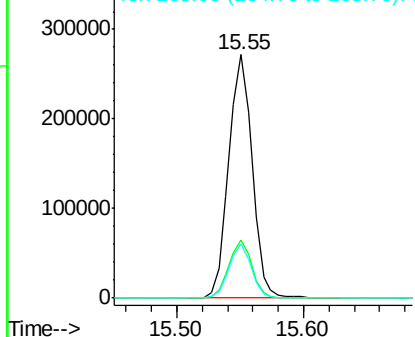


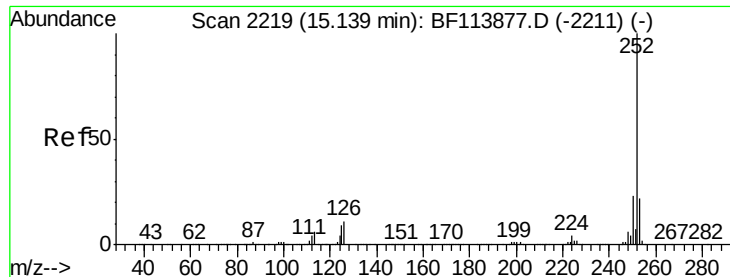
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BF113958.D
 Acq: 24 Apr 2019 13:51

Tgt Ion: 264 Resp: 346888
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.9 28.3
 265 22.0 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

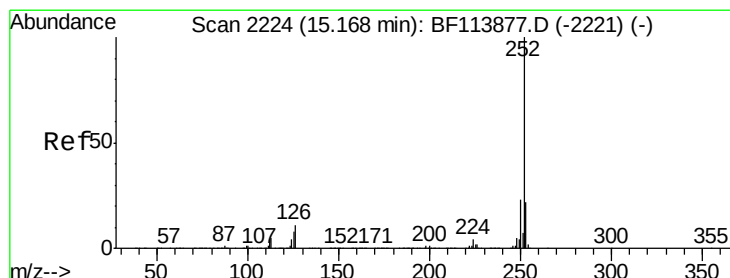
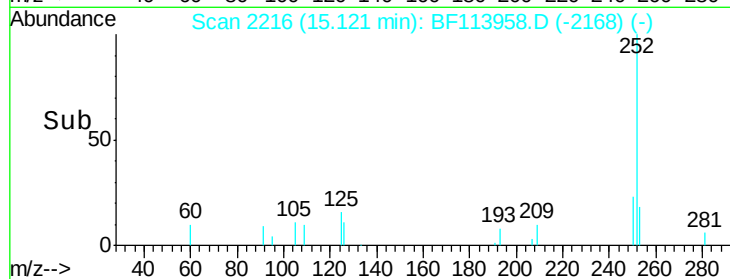
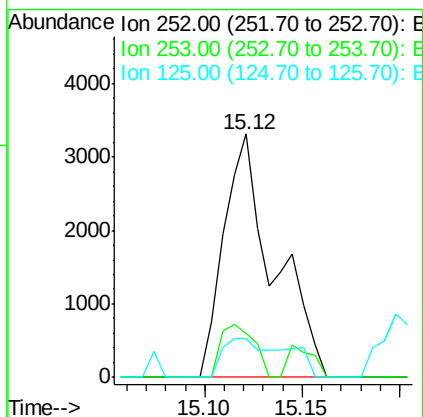
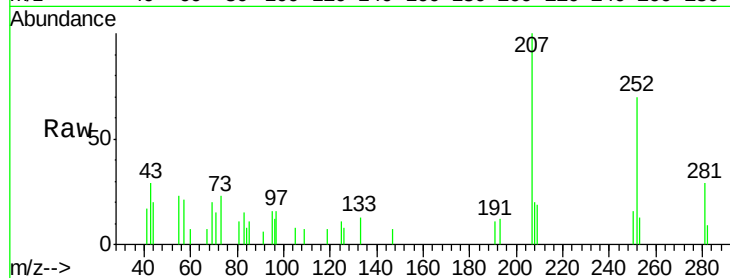




#88
Benzo(b)fluoranthene
Concen: 0.267 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BF113958.D
Acq: 24 Apr 2019 13:51

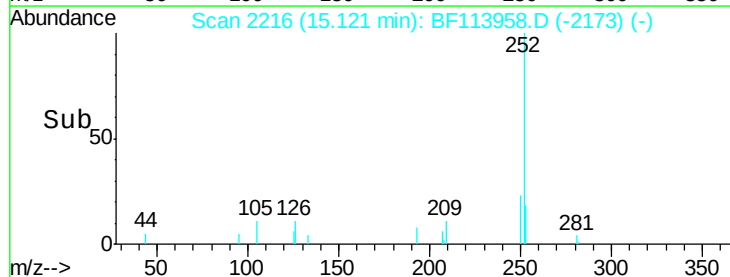
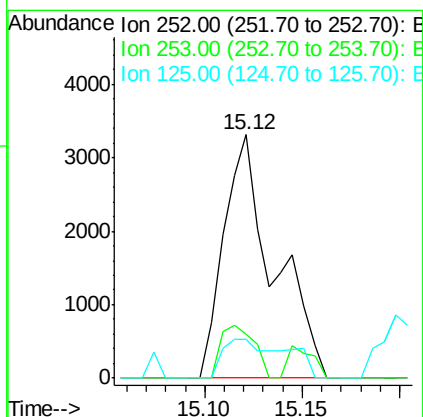
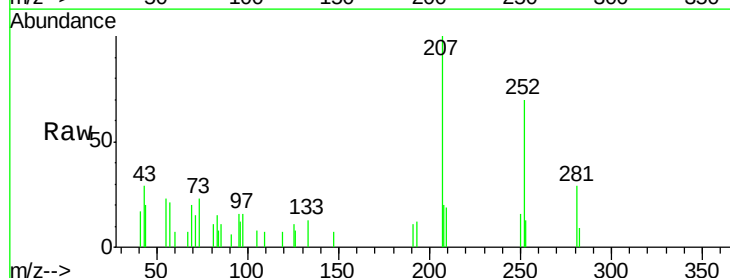
Instrument :
BNA_F
ClientSampleId :

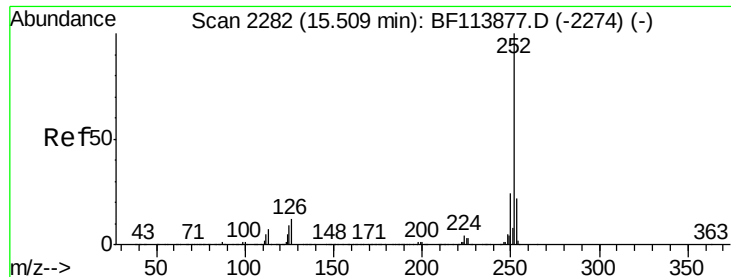
Tot Ion:252 Resp: 5858
Ion Ratio Lower Upper
252 100
253 18.0 17.8 26.6
125 15.7 7.0 10.6#



#89
Benzo(k)fluoranthene
Concen: 0.310 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.05 min
Lab File: BF113958.D
Acq: 24 Apr 2019 13:51

Tgt Ion:252 Resp: 5858
Ion Ratio Lower Upper
252 100
253 18.0 18.2 27.2#
125 15.7 7.4 11.2#





#90

Benzo(a)pyrene

Concen: 0.136 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

Instrument :

BNA_F

ClientSampleId :

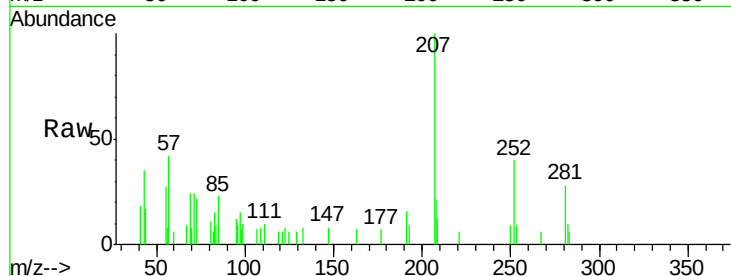
Tot Ion:252 Resp: 2582

Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

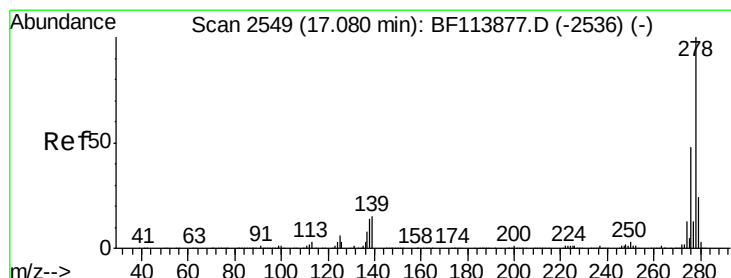
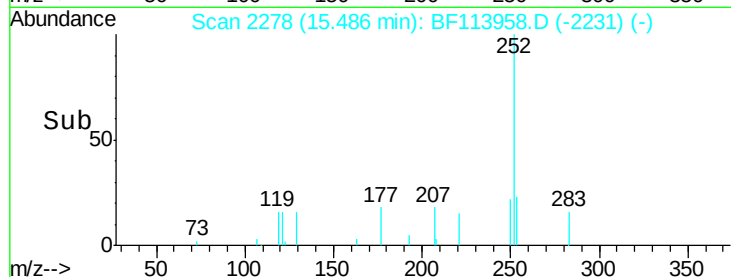
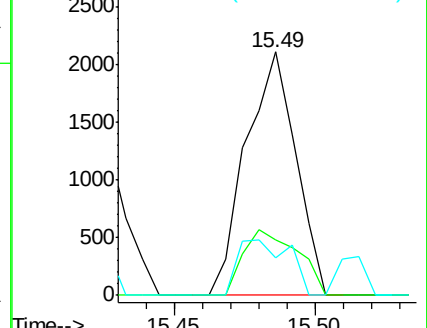
125 15.3 8.5 12.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 0.020 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.04 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

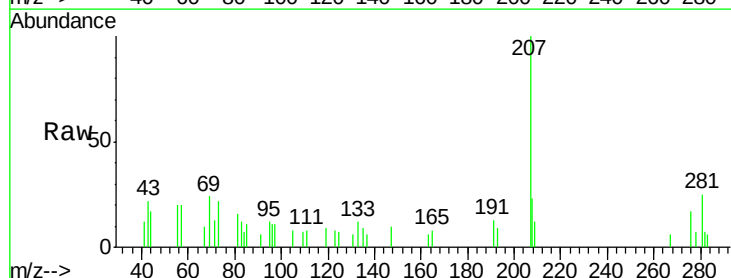
Tgt Ion:278 Resp: 363

Ion Ratio Lower Upper

278 100

139 0.0 11.6 17.4#

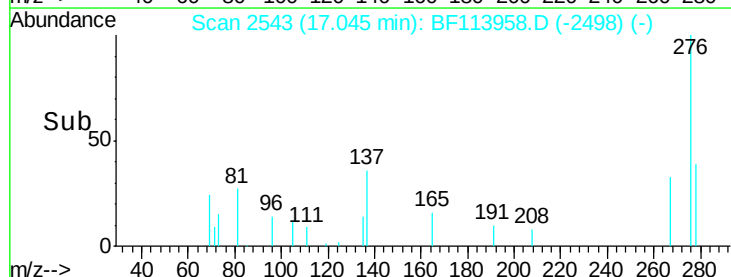
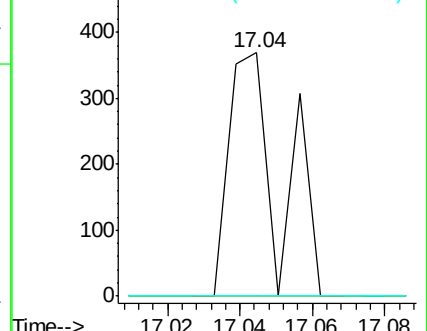
279 0.0 19.0 28.6#

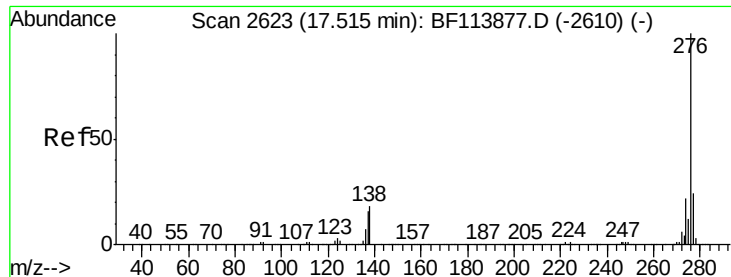


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 0.120 ng

RT: 17.48 min Scan# 2617

Delta R.T. -0.04 min

Lab File: BF113958.D

Acq: 24 Apr 2019 13:51

Instrument :

BNA_F

ClientSampleId :

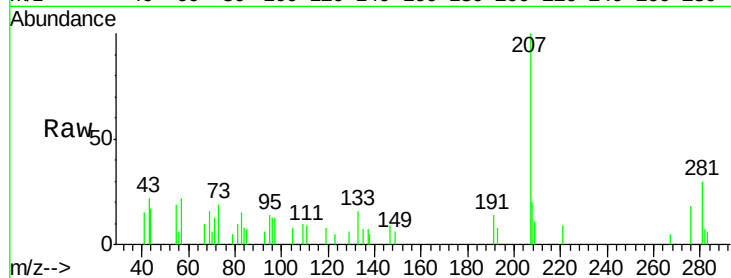
Tot Ion:276 Resp: 2151

Ion Ratio Lower Upper

276 100

277 0.0 19.0 28.4#

138 30.6 16.6 25.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

