

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070718\
 Data File : BF107206.D
 Acq On : 7 Jul 2018 15:09
 Operator : JU/SJ
 Sample : J3881-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-24

Quant Time: Jul 09 02:13:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	51558	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	179419	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	74764	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	141699	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	142208	20.00	ng	-0.02
86) Perylene-d12	15.68	264	102594	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	338932	111.32	ng	-0.01
7) Phenol-d6	6.60	99	429948	113.07	ng	-0.01
23) Nitrobenzene-d5	7.51	82	253871	78.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	100663	116.17	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	439216	102.47	ng	-0.02
78) Terphenyl-d14	13.07	244	502923	85.67	ng	-0.02

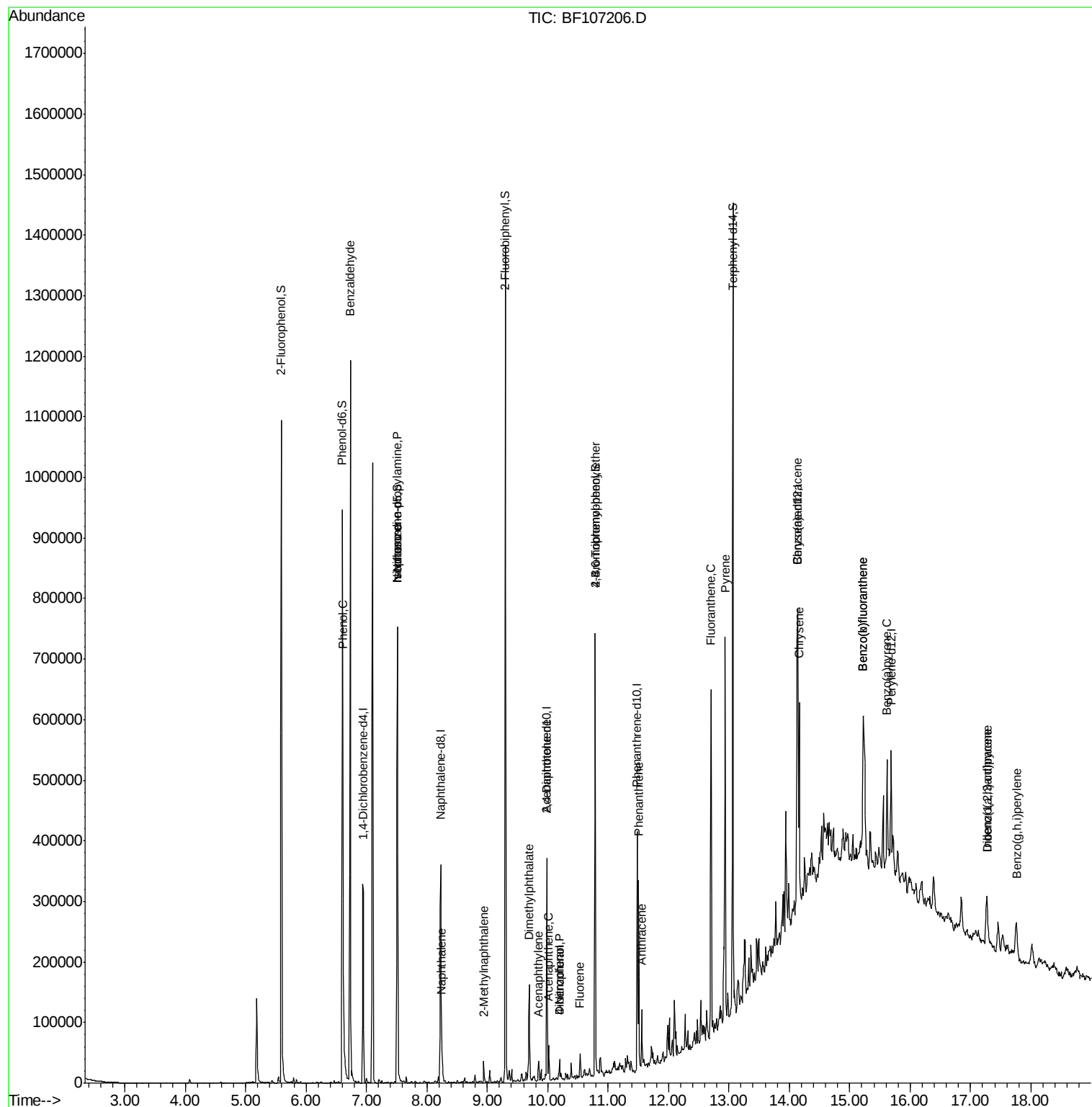
Target Compounds				Qvalue		
9) Benzaldehyde	6.73	77	7173	2.244	ng	85
10) Phenol	6.61	94	9006	2.075	ng	# 40
19) n-Nitroso-di-n-propylamine	7.51	70	32946	13.145	ng	# 71
25) Isophorone	7.51	82	253869	44.624	ng	# 64
31) Naphthalene	8.25	128	21324	2.542	ng	97
37) 2-Methylnaphthalene	8.94	142	11186	2.012	ng	94
48) Acenaphthylene	9.85	152	14917	2.015	ng	98
49) Dimethylphthalate	9.70	163	63522	11.328	ng	99
51) Acenaphthene	10.02	154	11026	2.365	ng	96
54) Dibenzofuran	10.20	168	13637	2.136	ng	92
55) 4-Nitrophenol	10.20	139	4508	4.727	ng	# 12
56) 2,4-Dinitrotoluene	9.99	165	9994	6.448	ng	# 21
57) Fluorene	10.54	166	12695	2.506	ng	# 98
66) 4-Bromophenyl-phenylether	10.78	248	6098	3.606	ng	# 1
70) Phenanthrene	11.51	178	109778	16.062	ng	96
71) Anthracene	11.56	178	36392	5.217	ng	99
74) Fluoranthene	12.71	202	255235	33.883	ng	93
77) Pyrene	12.94	202	256862	27.391	ng	99
80) Benzo(a)anthracene	14.13	228	150813	17.400	ng	98
82) Chrysene	14.17	228	135580	17.003	ng	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	57270	8.463	ng	# 87
87) Benzo(b)fluoranthene	15.22	252	205323	32.217	ng	94
88) Benzo(k)fluoranthene	15.22	252	205323	33.831	ng	95
89) Benzo(a)pyrene	15.62	252	101017	17.830	ng	96
90) Dibenzo(a,h)anthracene	17.27	278	16301	3.395	ng	# 75
91) Benzo(g,h,i)perylene	17.76	276	56920	12.129	ng	# 88

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

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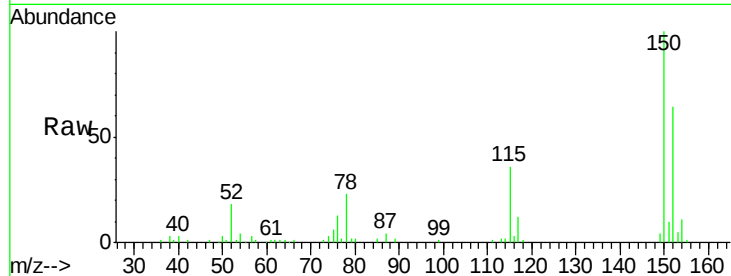


#1

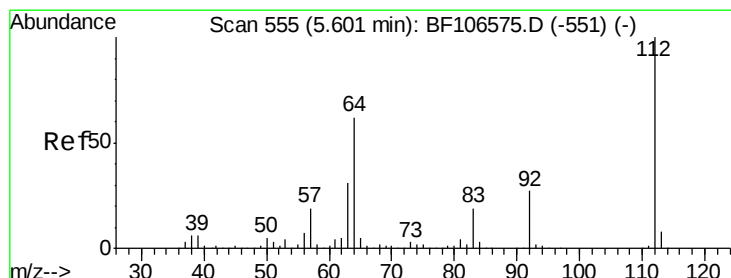
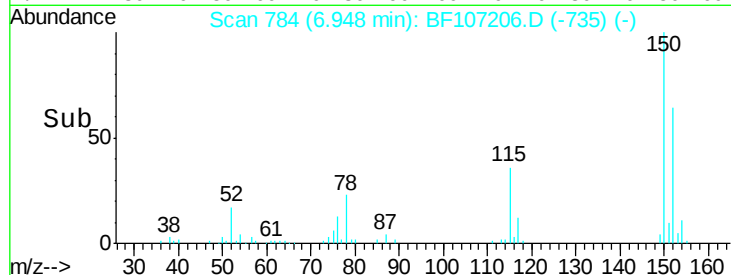
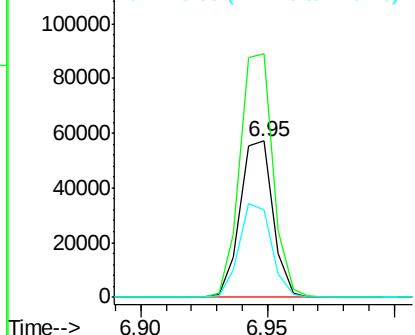
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107206.D
Acq: 7 Jul 2018 15:09

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-24

Tgt Ion:152 Resp: 51558
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 55.8 50.1 75.1



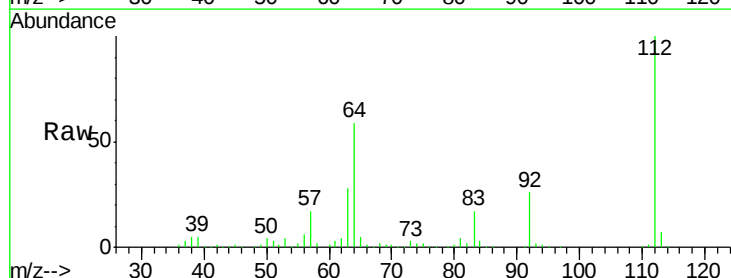
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



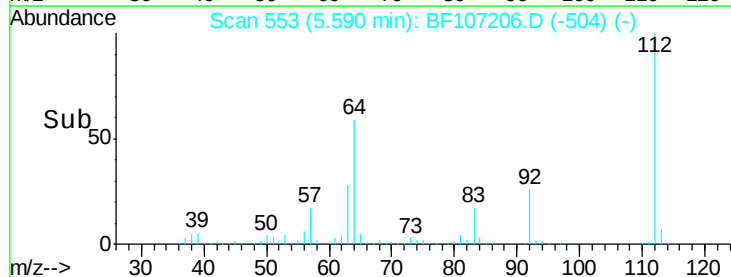
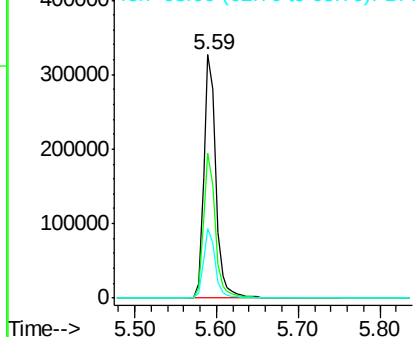
#5

2-Fluorophenol
Concen: 111.315 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107206.D
Acq: 7 Jul 2018 15:09

Tgt Ion:112 Resp: 338932
Ion Ratio Lower Upper
112 100
64 59.4 47.9 71.9
63 28.4 23.7 35.5



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: 113.074 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107206.D

Acq: 7 Jul 2018 15:09

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-24

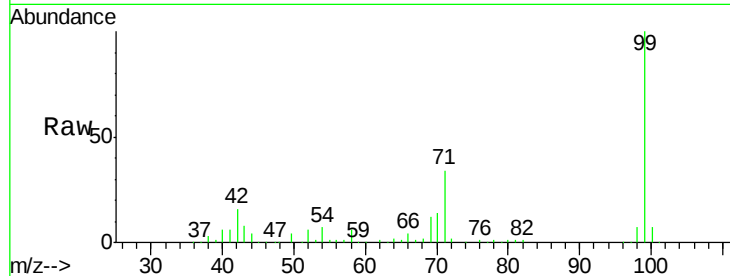
Tgt Ion: 99 Resp: 429948

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

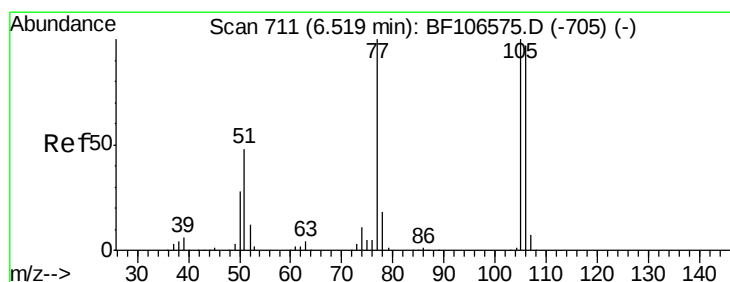
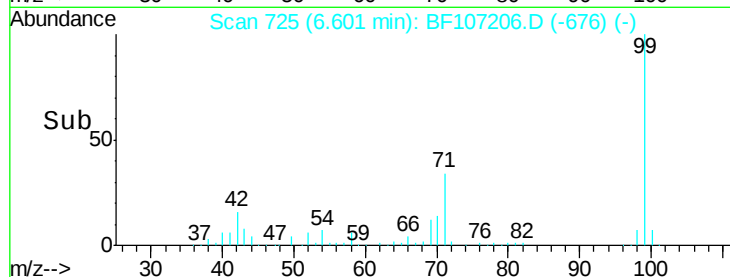
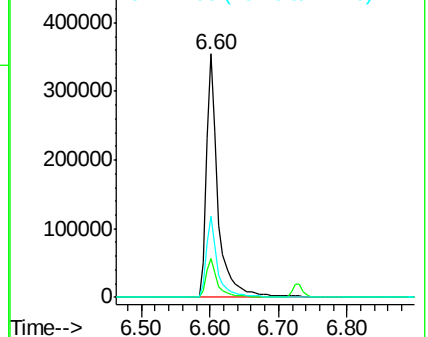
71 33.5 25.4 38.0



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: 2.244 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF107206.D

Acq: 7 Jul 2018 15:09

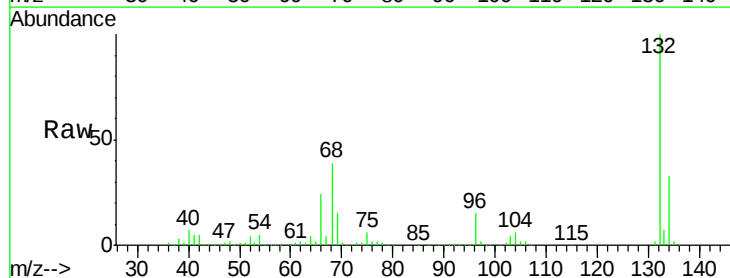
Tgt Ion: 77 Resp: 7173

Ion Ratio Lower Upper

77 100

105 83.9 81.1 121.1

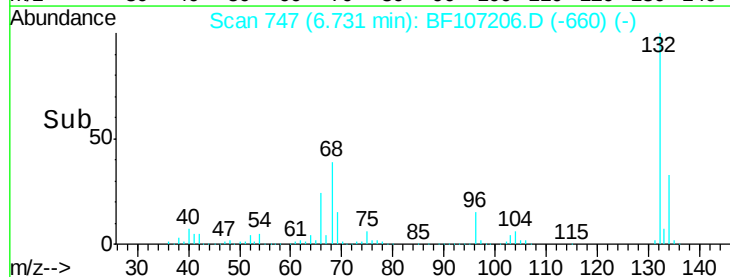
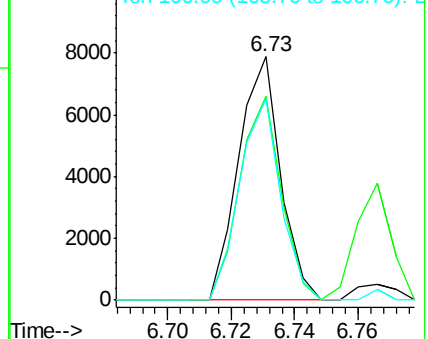
106 82.5 74.5 114.5

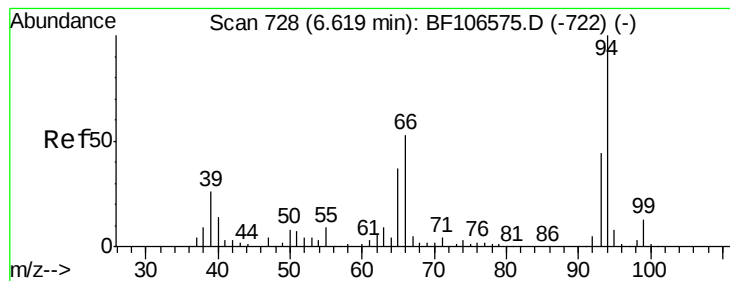


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 2.075 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF107206.D

Acq: 7 Jul 2018 15:09

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-24

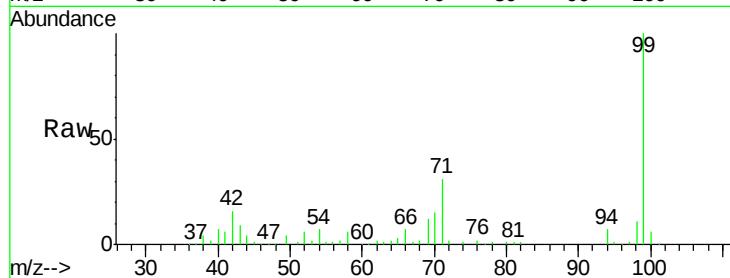
Tgt Ion: 94 Resp: 9006

Ion Ratio Lower Upper

94 100

65 40.0 7.9 47.9

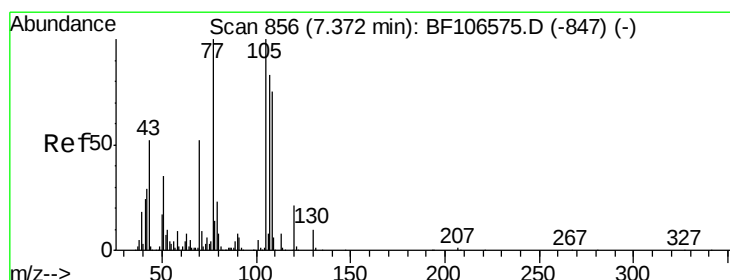
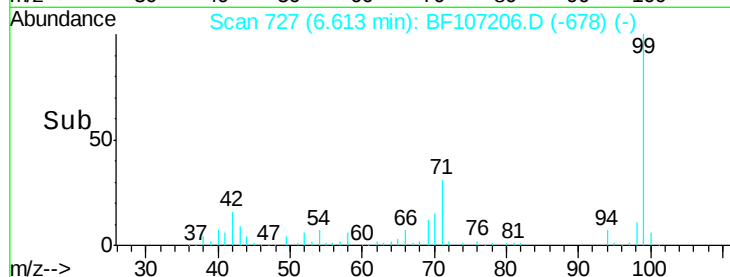
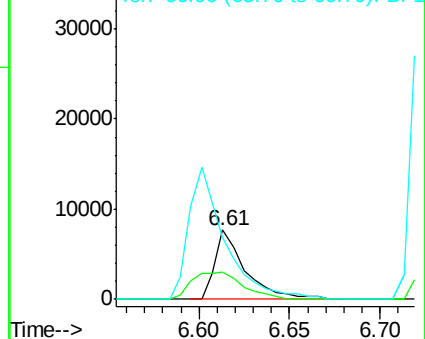
66 88.7 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 13.145 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF107206.D

Acq: 7 Jul 2018 15:09

Tgt Ion: 70 Resp: 32946

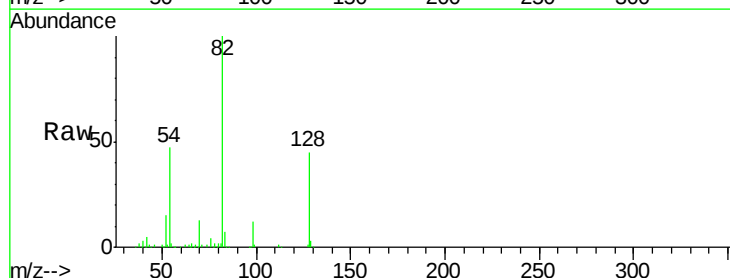
Ion Ratio Lower Upper

70 100

42 39.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

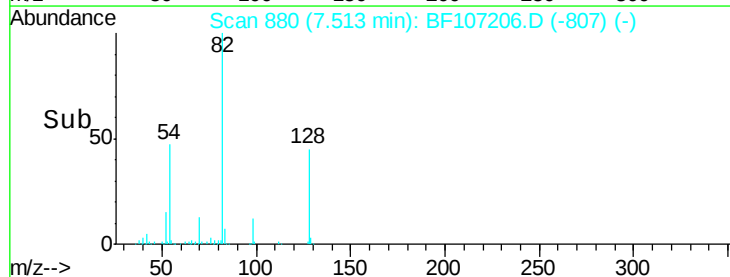
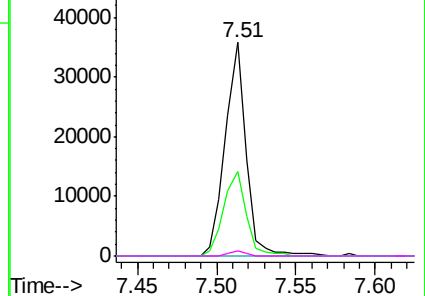


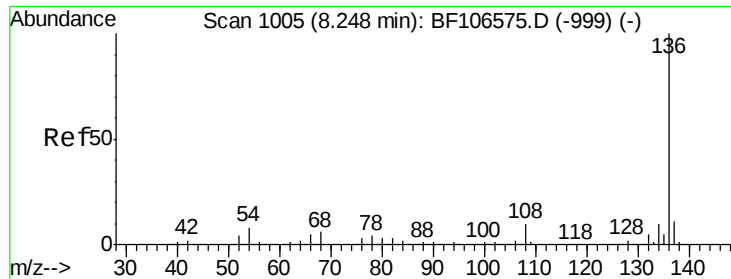
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

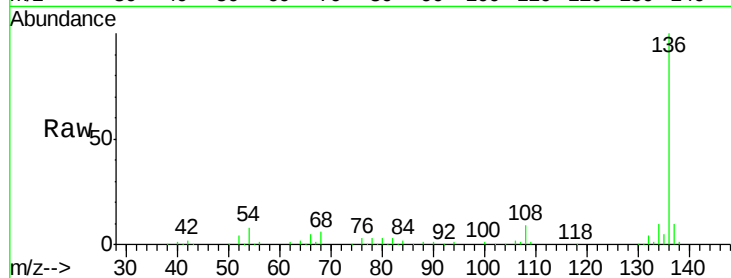




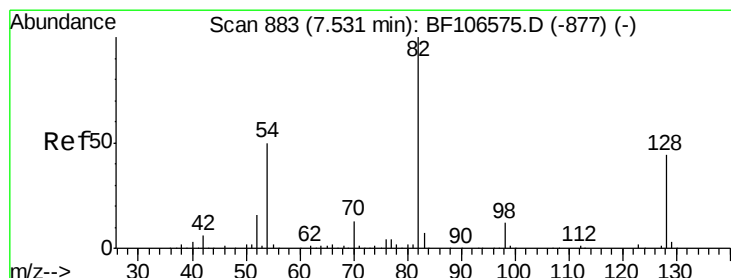
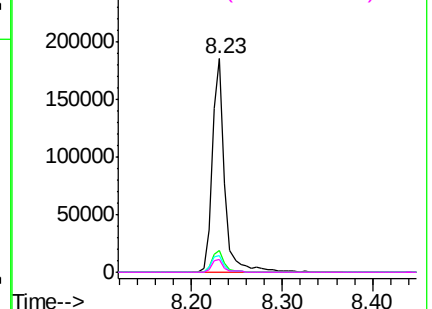
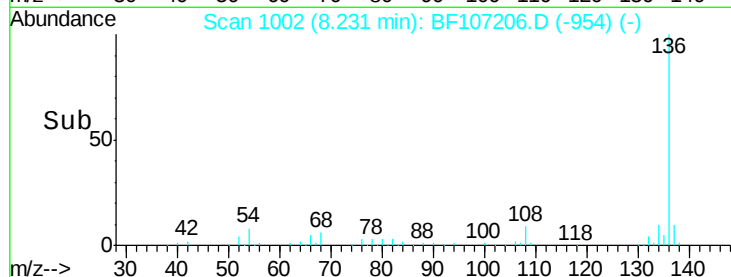
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107206.D
Acq: 7 Jul 2018 15:09

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Tgt Ion:	136	Resp:	179419
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	7.7	6.6	9.8
68	6.1	5.0	7.4

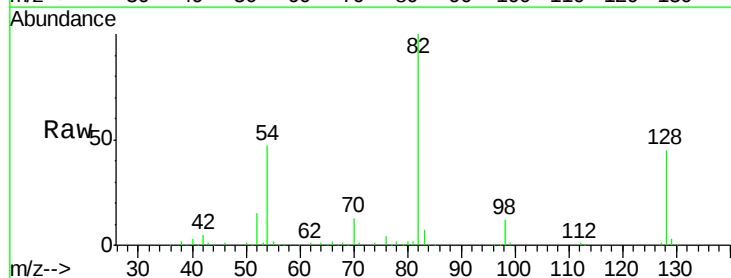


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

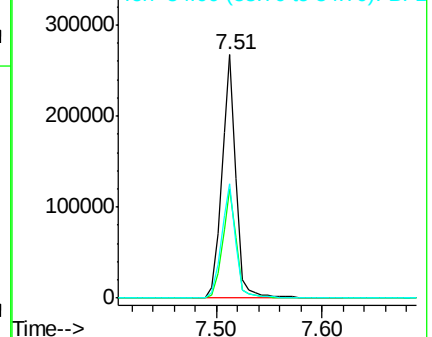
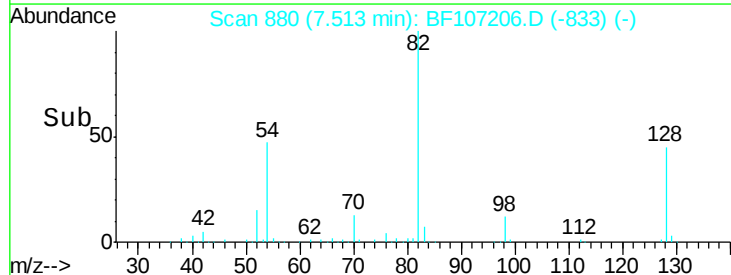


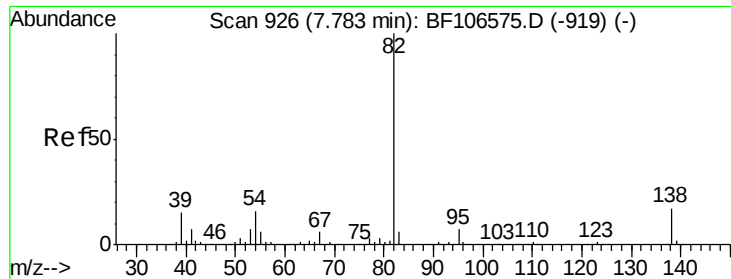
#23
Nitrobenzene-d5
Concen: 78.634 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107206.D
Acq: 7 Jul 2018 15:09

Tgt Ion:	82	Resp:	253871
Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	47.2	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 44.624 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF107206.D

Acq: 7 Jul 2018 15:09

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-24

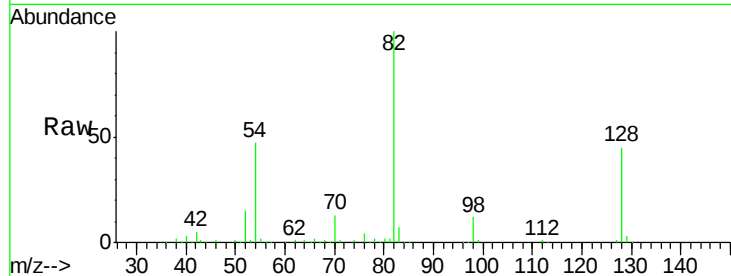
Tgt Ion: 82 Resp: 253869

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

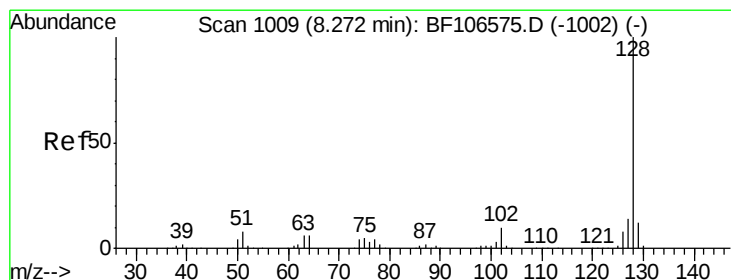
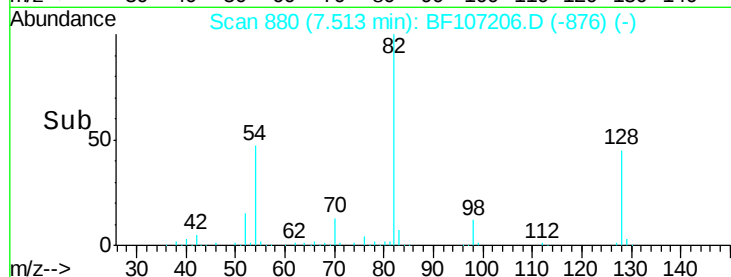
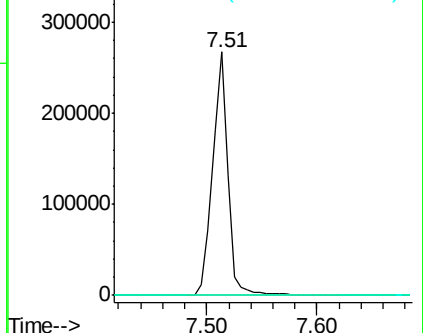
138 0.0 14.9 22.3#



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



#31

Naphthalene

Concen: 2.542 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF107206.D

Acq: 7 Jul 2018 15:09

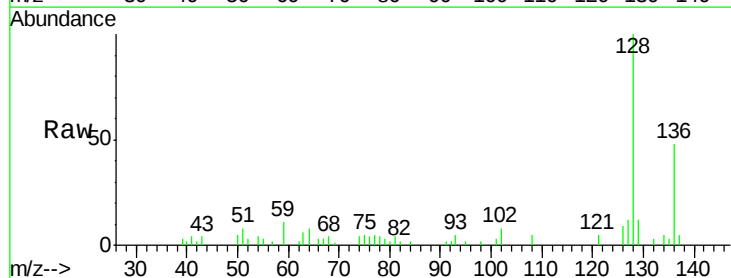
Tgt Ion: 128 Resp: 21324

Ion Ratio Lower Upper

128 100

129 11.9 8.8 13.2

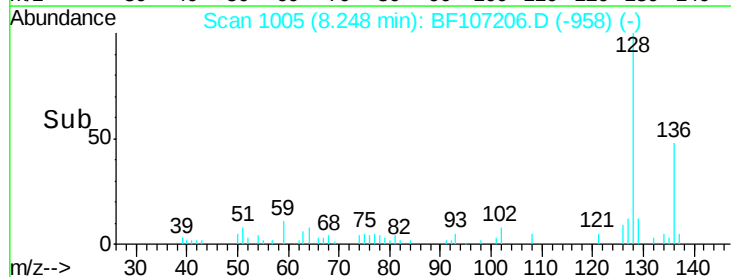
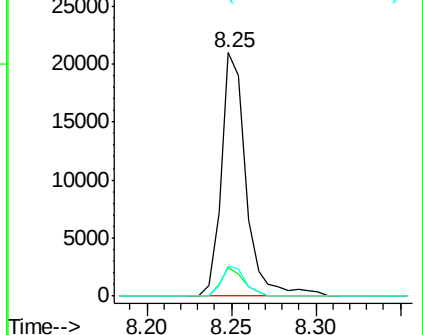
127 12.2 10.9 16.3

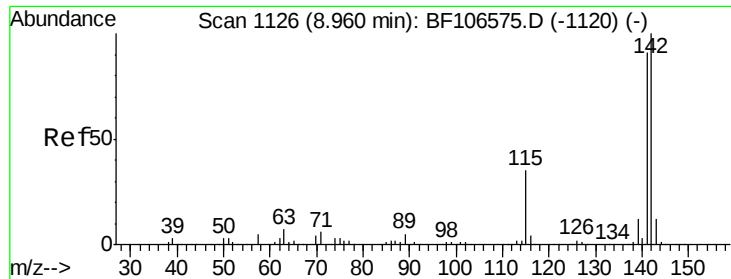


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

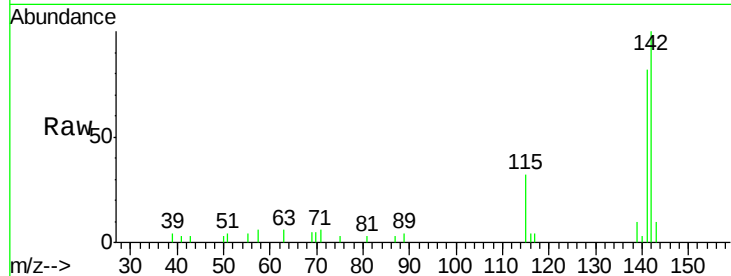




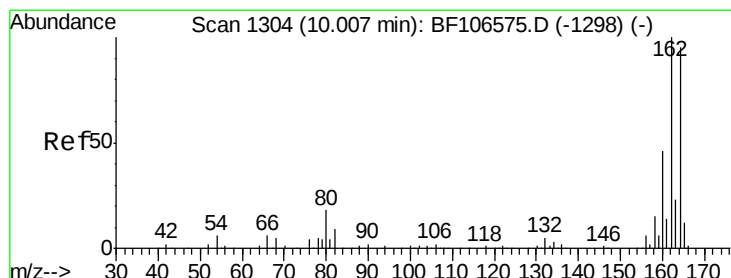
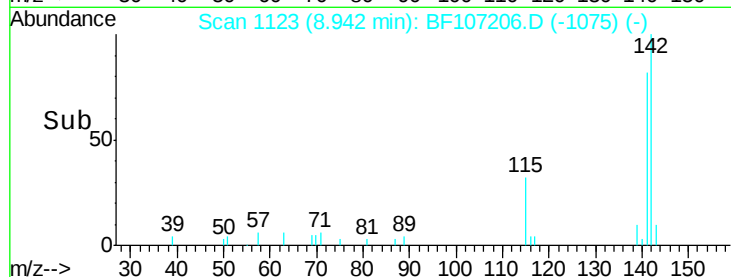
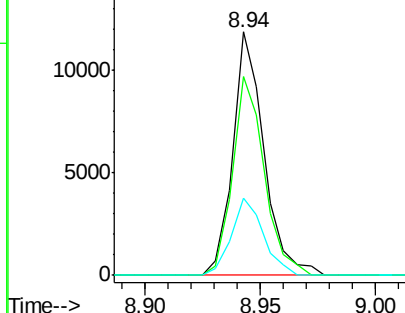
#37
 2-Methylnaphthalene
 Concen: 2.012 ng
 RT: 8.94 min Scan# 1123
 Delta R.T. -0.02 min
 Lab File: BF107206.D
 Acq: 7 Jul 2018 15:09

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-24

Tgt Ion:142 Resp: 11186
 Ion Ratio Lower Upper
 142 100
 141 81.8 70.8 106.2
 115 31.6 26.1 39.1

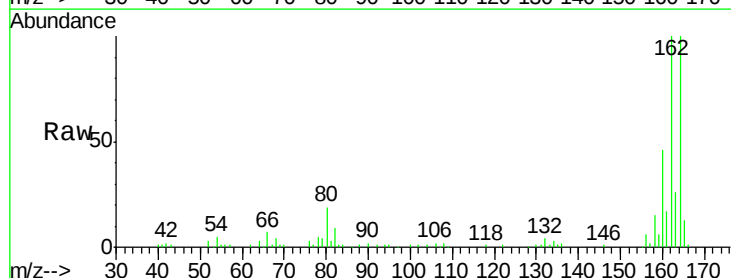


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

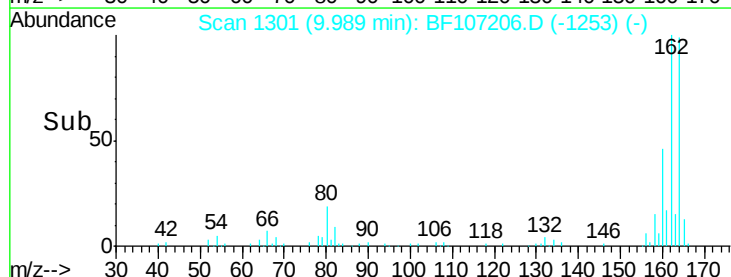
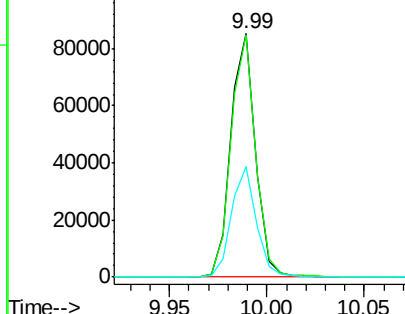


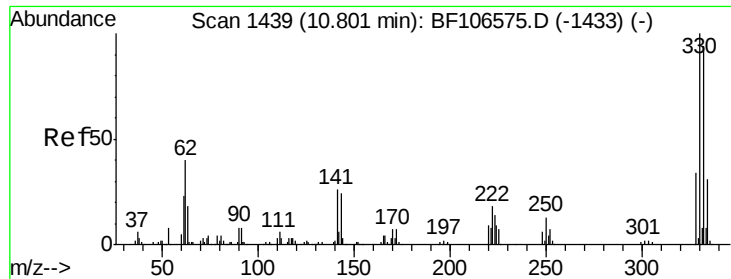
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107206.D
 Acq: 7 Jul 2018 15:09

Tgt Ion:164 Resp: 74764
 Ion Ratio Lower Upper
 164 100
 162 99.7 86.1 129.1
 160 45.6 38.3 57.5



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

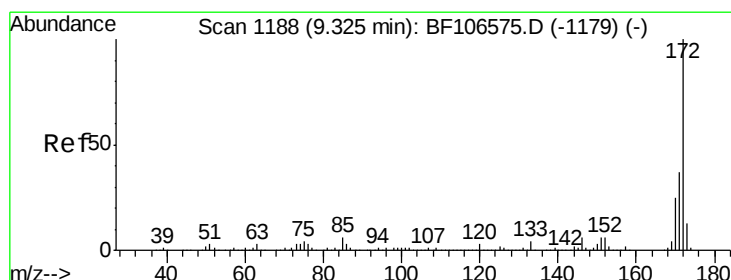
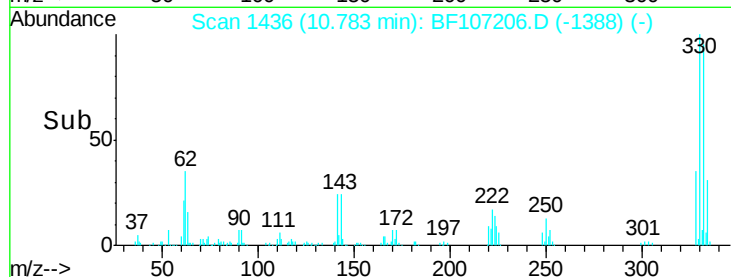
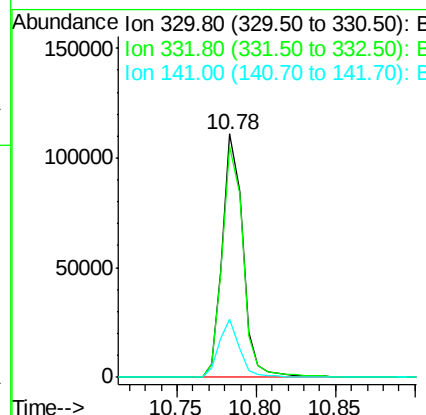
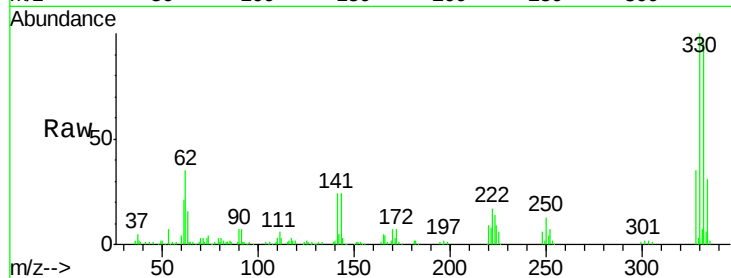




#41
 2,4,6-Tribromophenol
 Concen: 116.167 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107206.D
 Acq: 7 Jul 2018 15:09

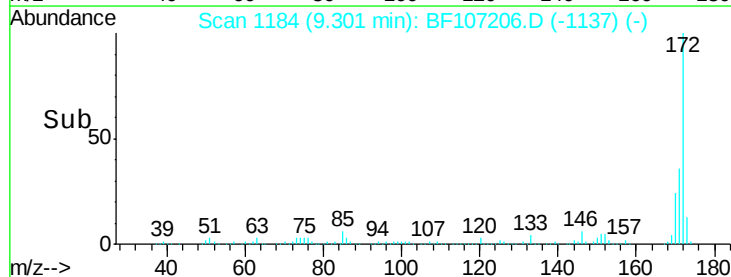
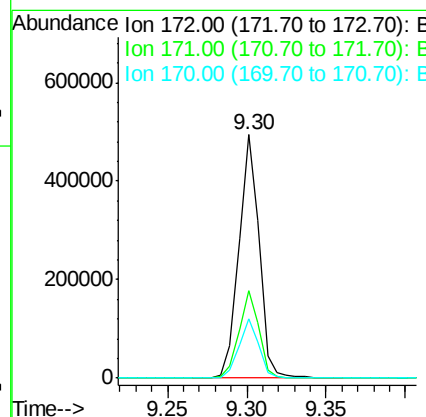
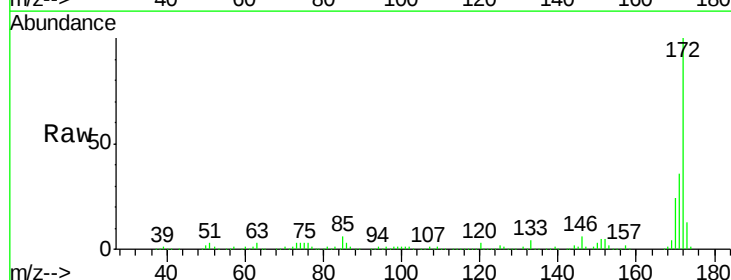
Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-24

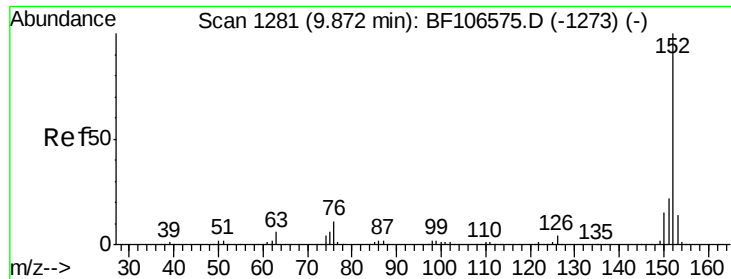
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	24.4	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 102.468 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107206.D
 Acq: 7 Jul 2018 15:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.4	19.6	29.4





#48

Acenaphthylene

Concen: 2.015 ng

RT: 9.85 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF107206.D

Acq: 7 Jul 2018 15:09

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-24

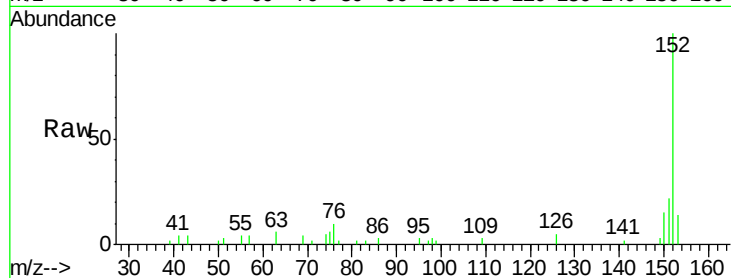
Tgt Ion:152 Resp: 14917

Ion Ratio Lower Upper

152 100

151 21.7 16.3 24.5

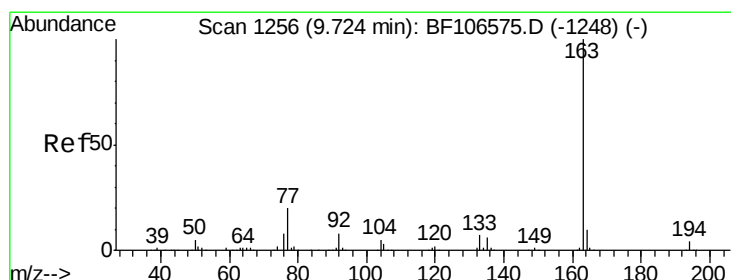
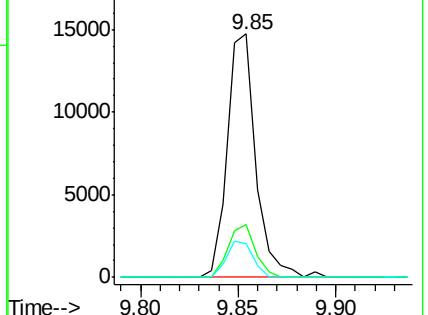
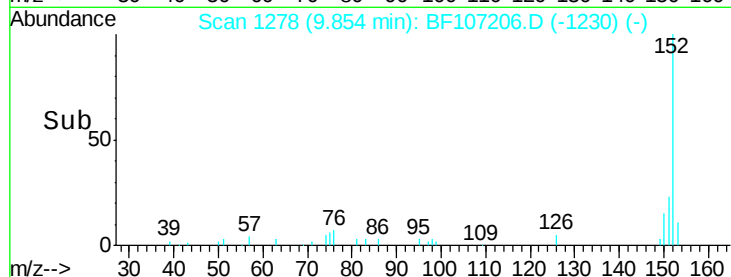
153 13.9 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 11.328 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107206.D

Acq: 7 Jul 2018 15:09

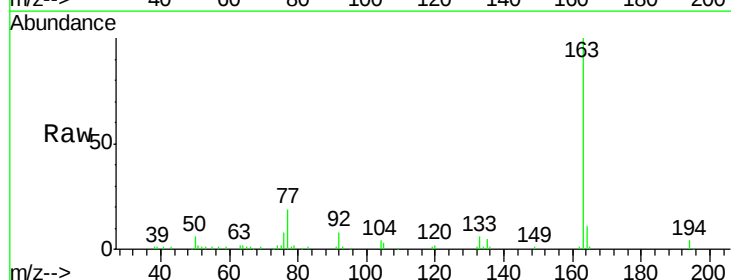
Tgt Ion:163 Resp: 63522

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

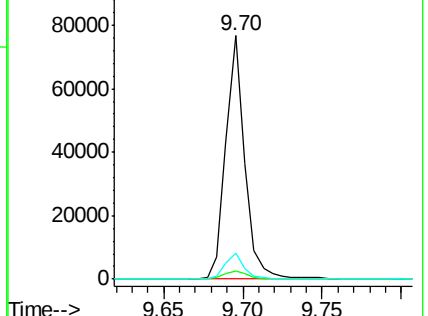
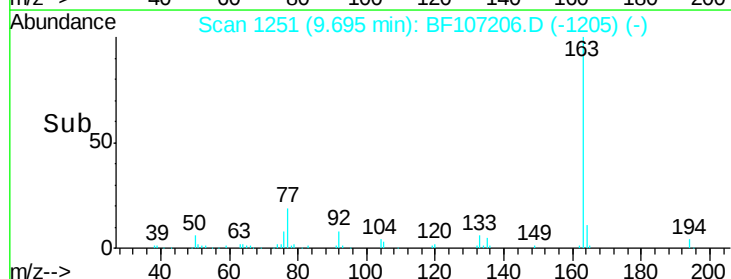
164 10.8 8.2 12.2

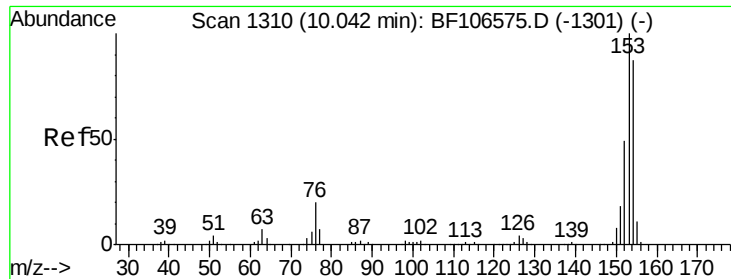


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

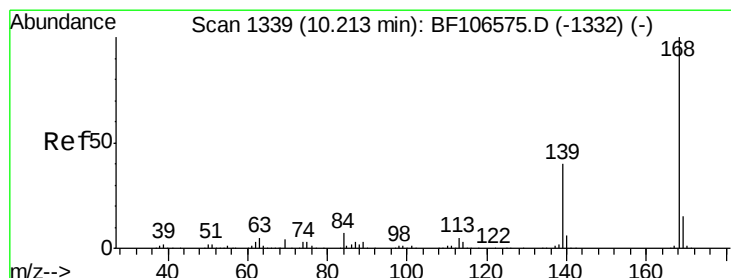
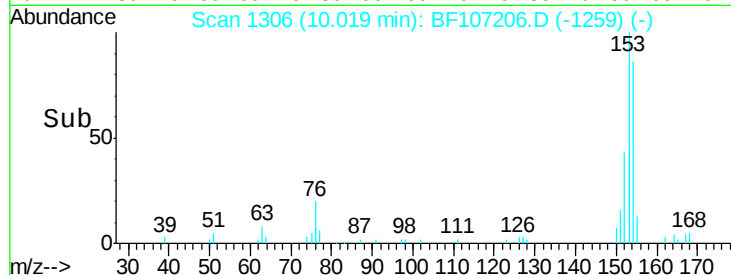
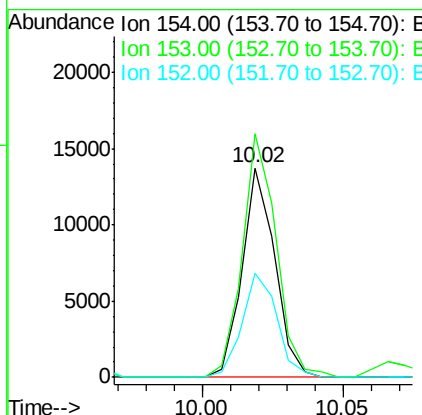
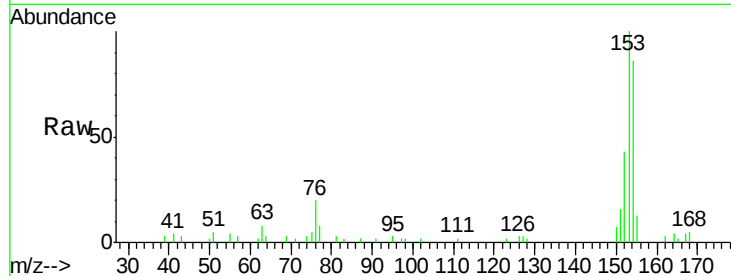




#51
Acenaphthene
Concen: 2.365 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF107206.D
Acq: 7 Jul 2018 15:09

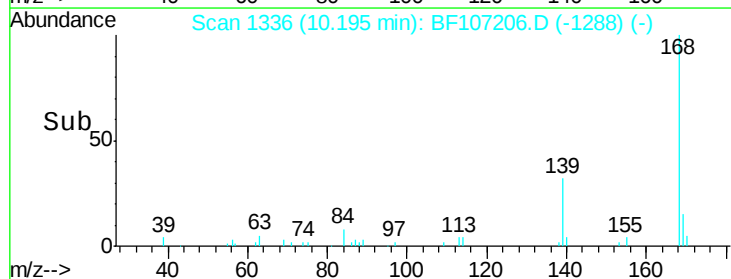
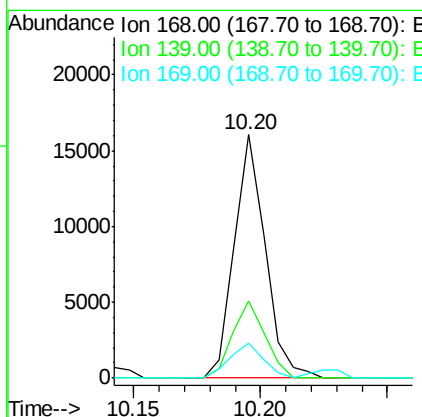
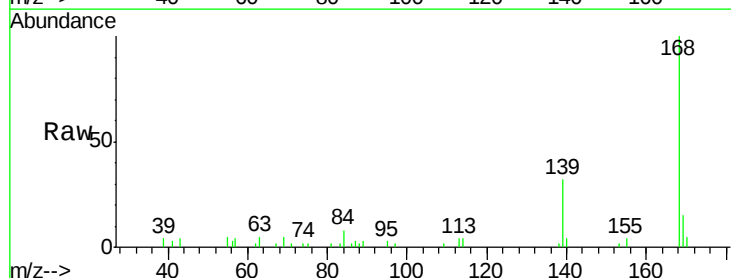
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-24

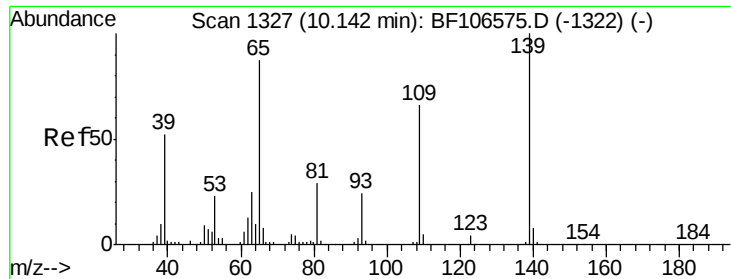
Tgt Ion:154 Resp: 11026
Ion Ratio Lower Upper
154 100
153 116.4 91.2 136.8
152 49.9 43.8 65.8



#54
Dibenzofuran
Concen: 2.136 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF107206.D
Acq: 7 Jul 2018 15:09

Tgt Ion:168 Resp: 13637
Ion Ratio Lower Upper
168 100
139 32.0 30.1 45.1
169 14.6 10.9 16.3

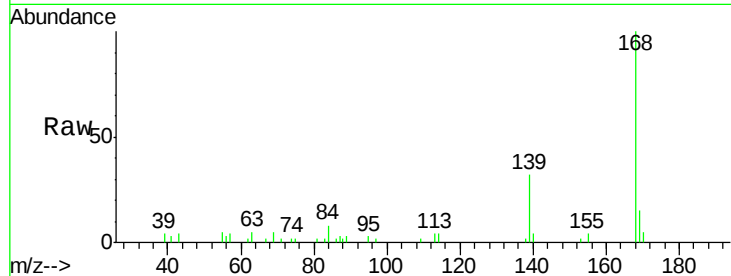




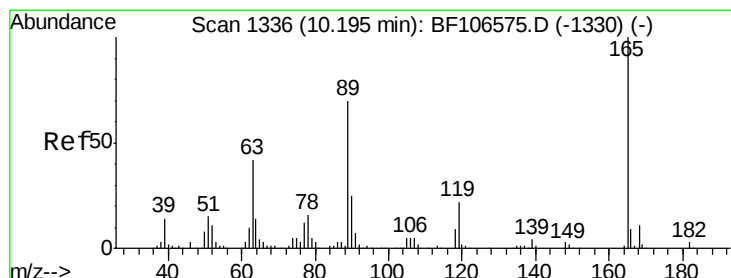
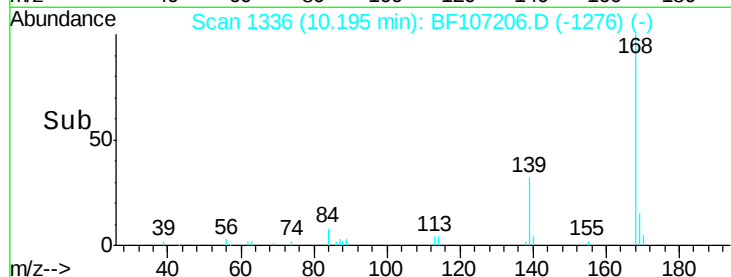
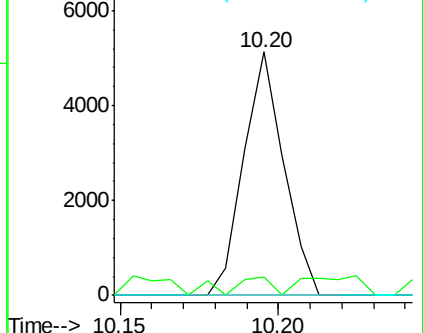
#55
4-Nitrophenol
Concen: 4.727 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.05 min
Lab File: BF107206.D
Acq: 7 Jul 2018 15:09

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-24

Tgt Ion:139 Resp: 4508
Ion Ratio Lower Upper
139 100
109 7.3 48.4 88.4#
65 0.0 72.6 112.6#

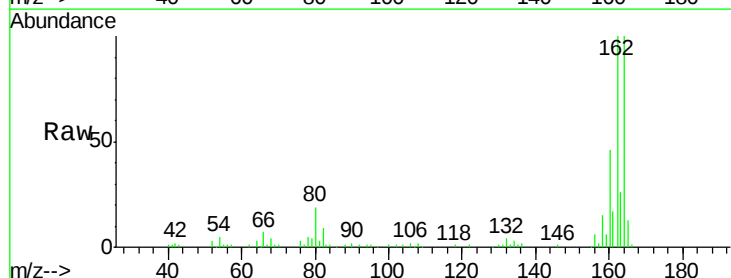


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

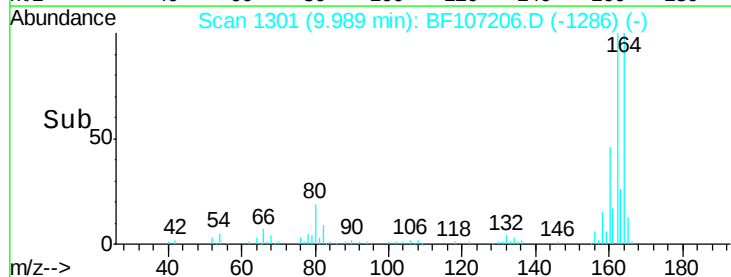
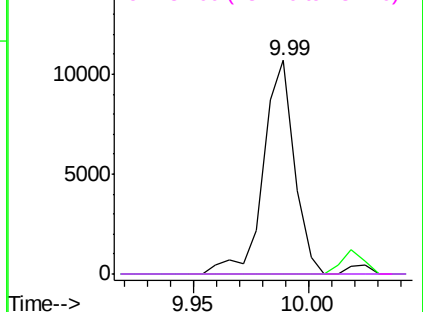


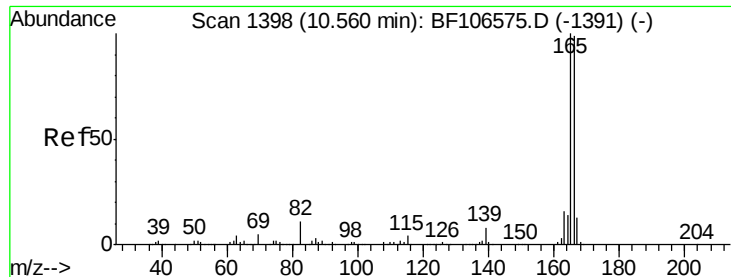
#56
2,4-Dinitrotoluene
Concen: 6.448 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF107206.D
Acq: 7 Jul 2018 15:09

Tgt Ion:165 Resp: 9994
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#



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

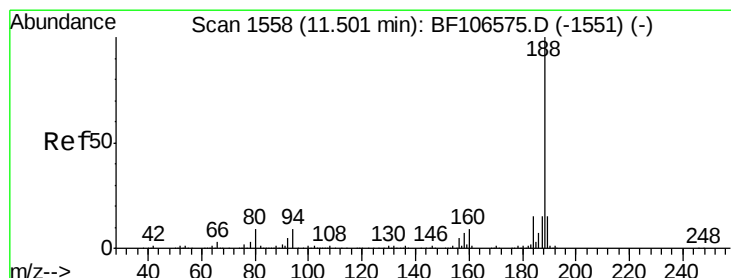
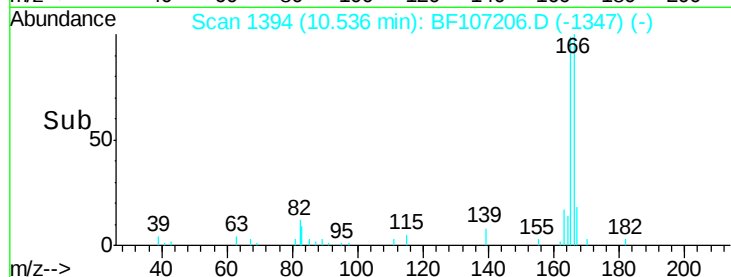
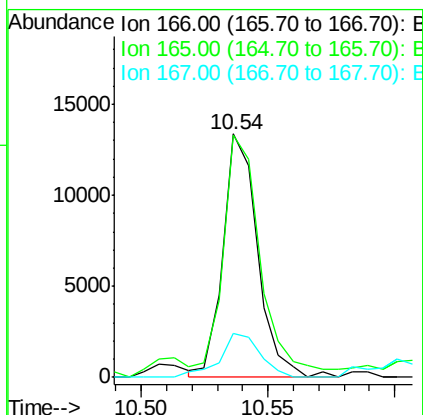
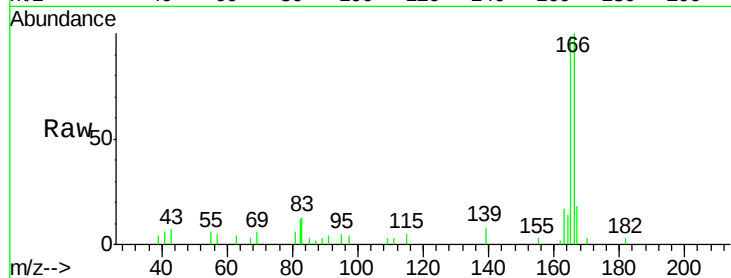




#57
Fluorene
 Concen: 2.506 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.02 min
 Lab File: BF107206.D
 Acq: 7 Jul 2018 15:09

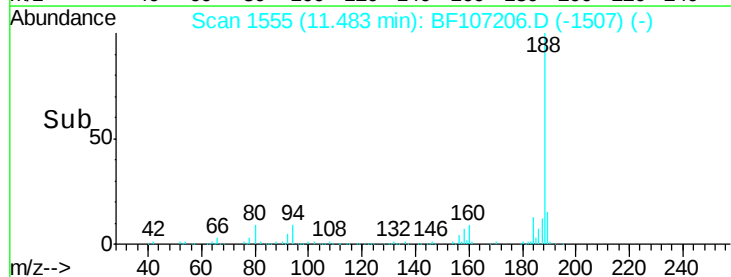
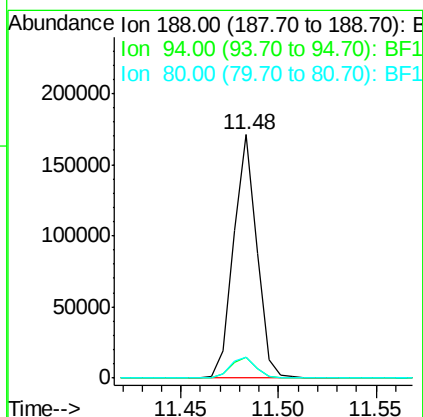
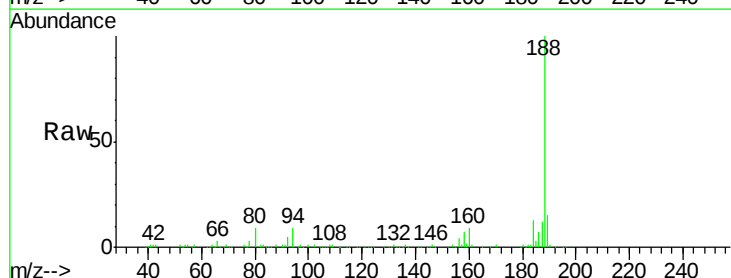
Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-24

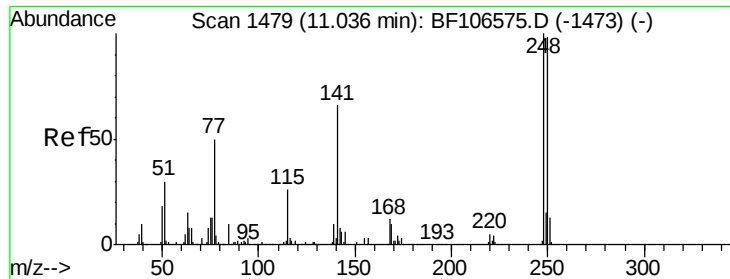
Tgt Ion:166 Resp: 12695
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.8 119.8
 167 18.1 10.6 16.0#



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BF107206.D
 Acq: 7 Jul 2018 15:09

Tgt Ion:188 Resp: 141699
 Ion Ratio Lower Upper
 188 100
 94 8.8 8.5 12.7
 80 8.8 9.2 13.8#

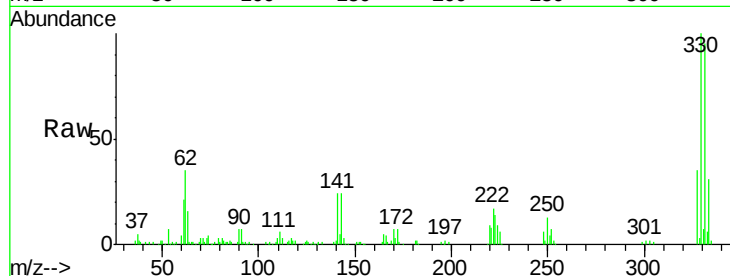




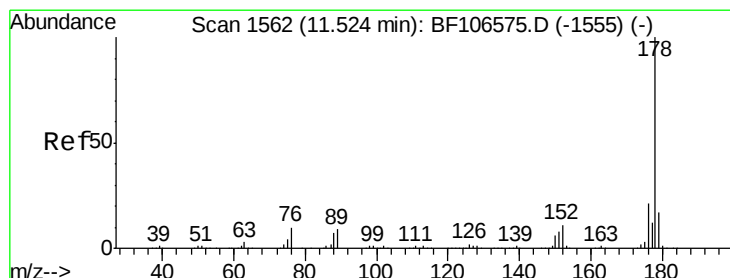
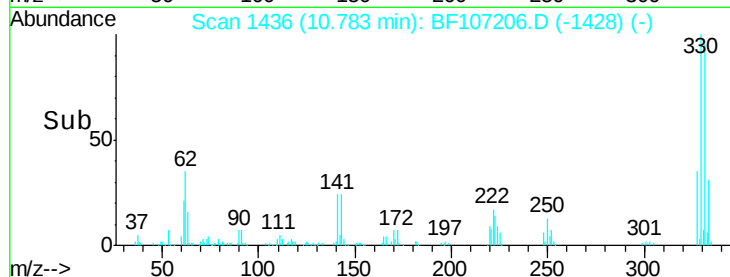
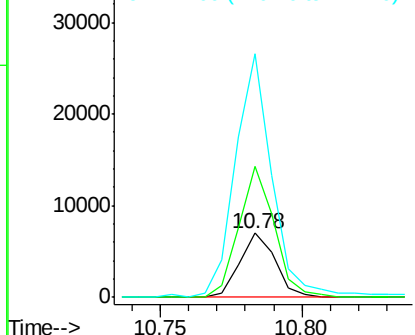
#66
 4-Bromophenyl-phenylether
 Concen: 3.606 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.25 min
 Lab File: BF107206.D
 Acq: 7 Jul 2018 15:09

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-24

Tgt Ion: 248 Resp: 6098
 Ion Ratio Lower Upper
 248 100
 250 203.6 76.9 115.3#
 141 380.1 74.4 111.6#

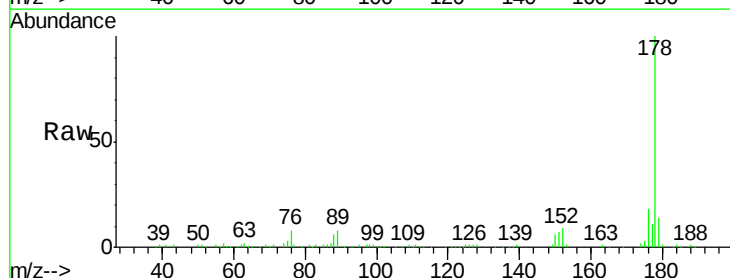


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

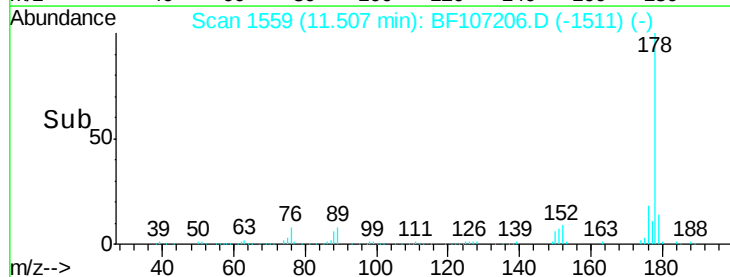
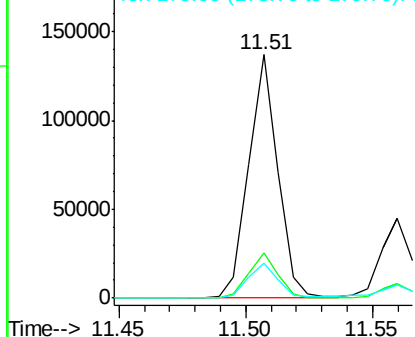


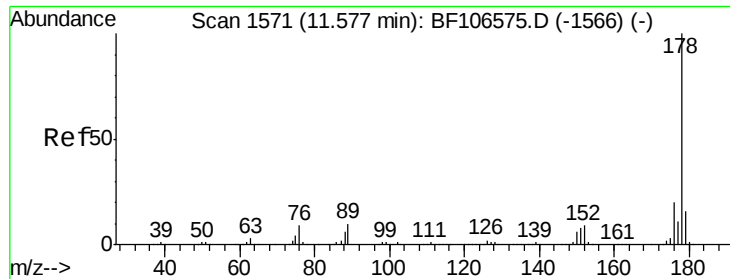
#70
 Phenanthrene
 Concen: 16.062 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. -0.02 min
 Lab File: BF107206.D
 Acq: 7 Jul 2018 15:09

Tgt Ion: 178 Resp: 109778
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.8
 179 14.5 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

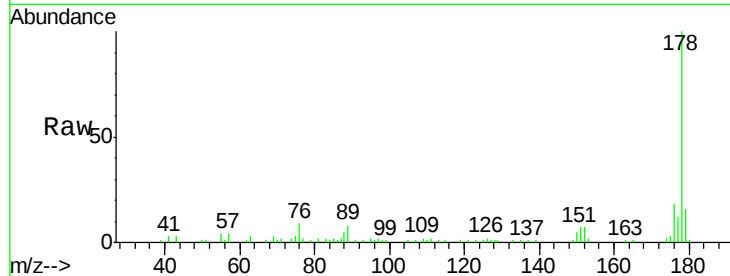




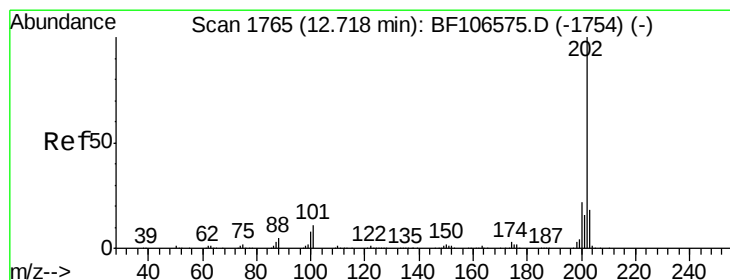
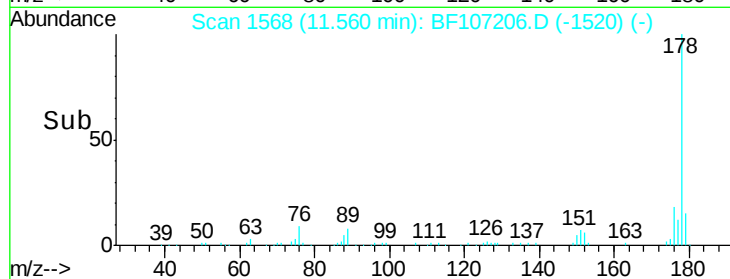
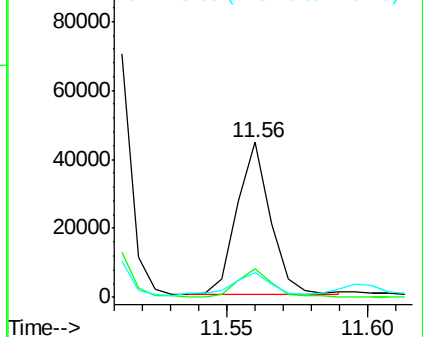
#71
 Anthracene
 Concen: 5.217 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: BF107206.D
 Acq: 7 Jul 2018 15:09

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-24

Tgt Ion:178 Resp: 36392
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.4 23.2
 179 15.8 12.6 19.0

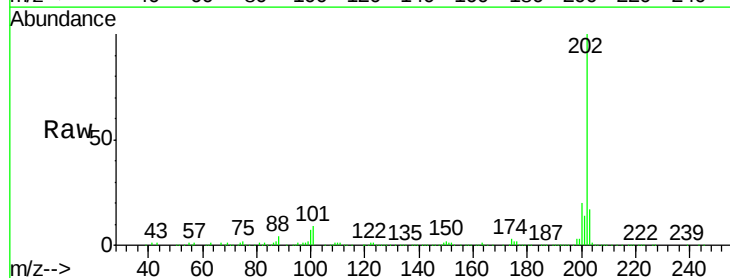


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

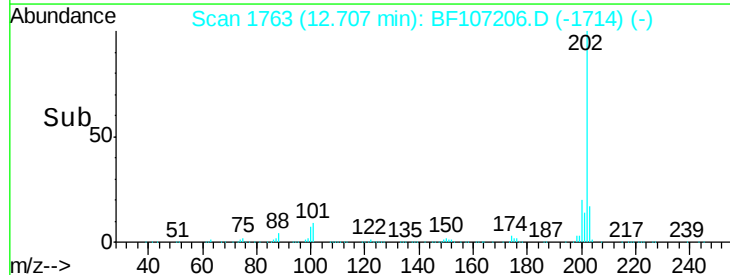
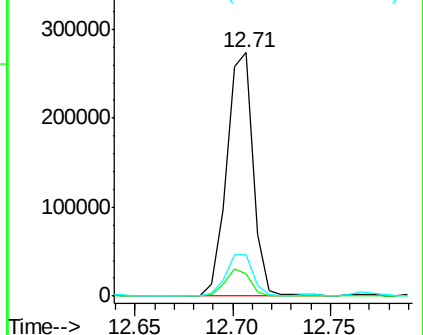


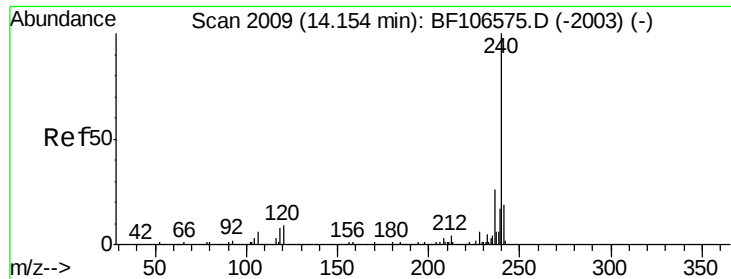
#74
 Fluoranthene
 Concen: 33.883 ng
 RT: 12.71 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BF107206.D
 Acq: 7 Jul 2018 15:09

Tgt Ion:202 Resp: 255235
 Ion Ratio Lower Upper
 202 100
 101 9.0 0.0 34.1
 203 17.1 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF107206.D

Acq: 7 Jul 2018 15:09

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-24

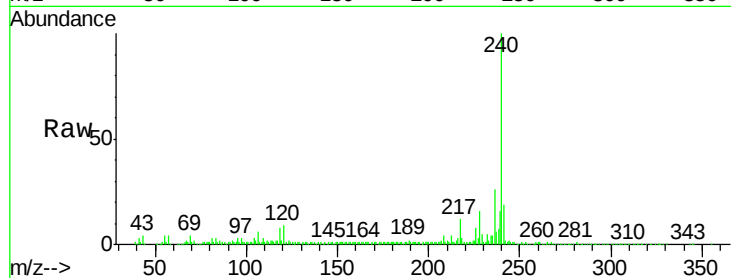
Tgt Ion:240 Resp: 142208

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

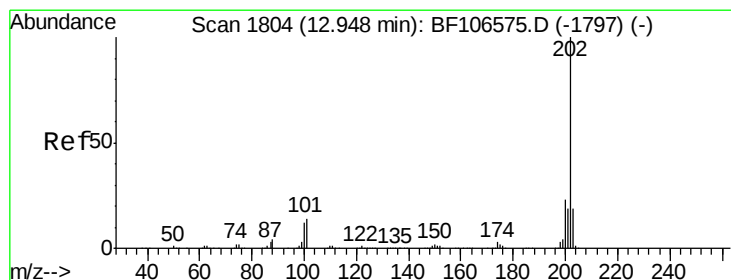
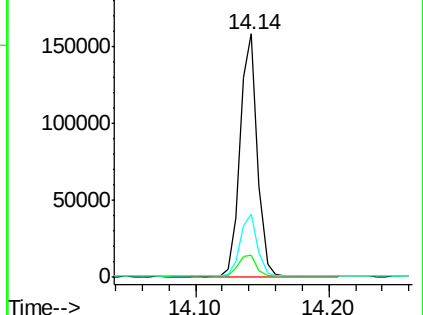
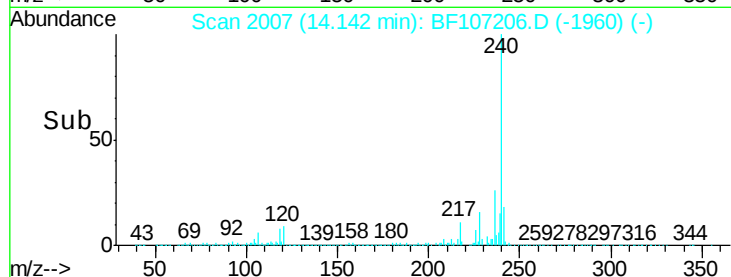
236 26.1 20.7 31.1



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

Pyrene

Concen: 27.391 ng

RT: 12.94 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF107206.D

Acq: 7 Jul 2018 15:09

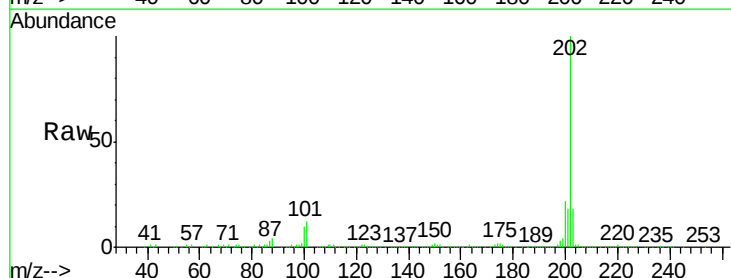
Tgt Ion:202 Resp: 256862

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

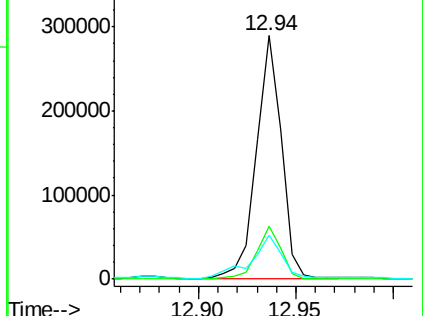
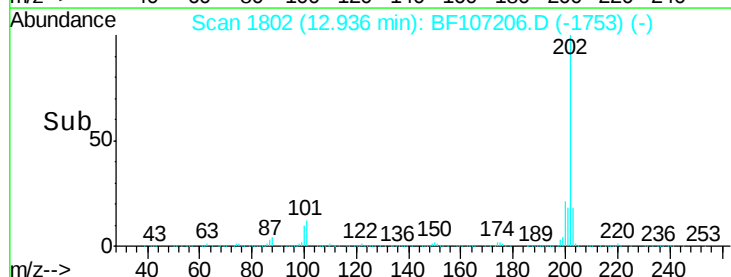
203 18.3 14.3 21.5

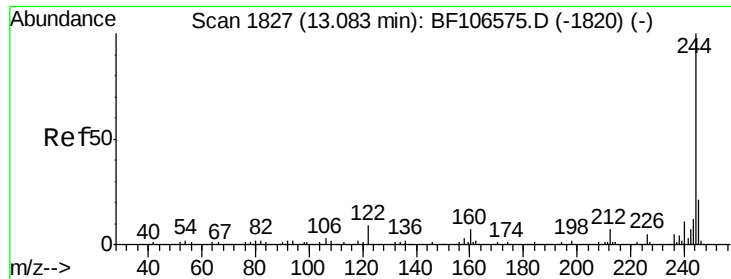


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

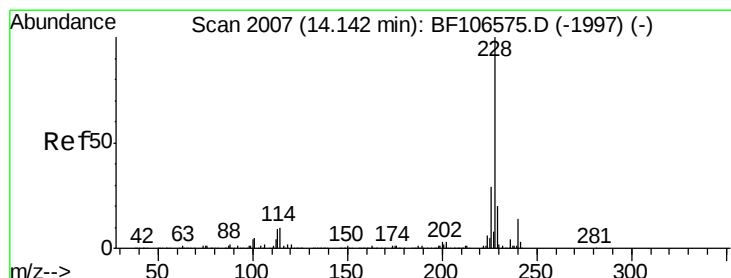
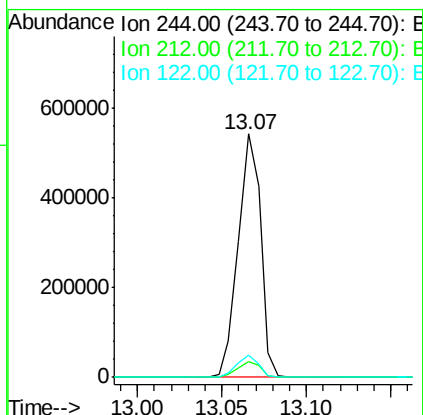
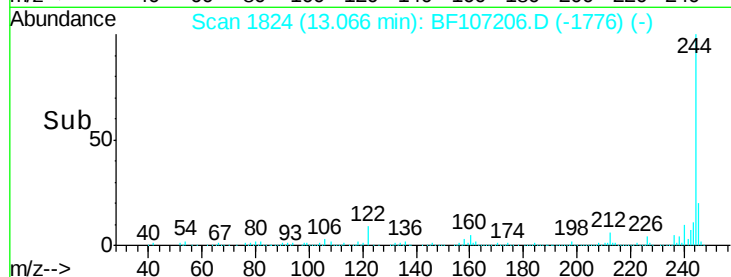
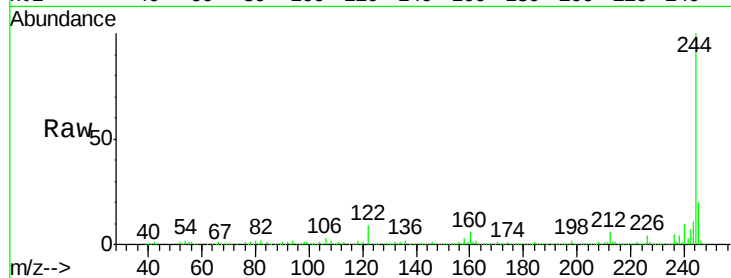




#78
 Terphenyl-d14
 Concen: 85.665 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107206.D
 Acq: 7 Jul 2018 15:09

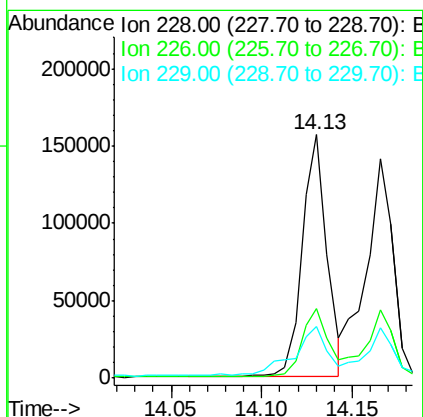
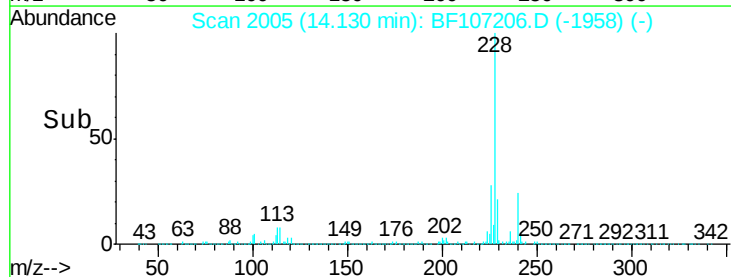
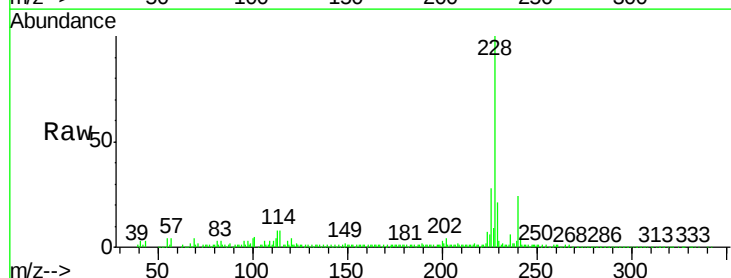
Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-24

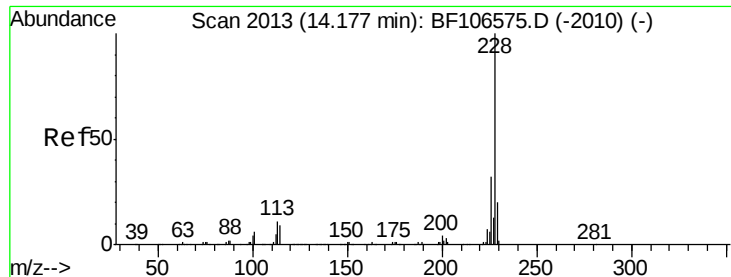
Tgt Ion:244 Resp: 502923
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 9.0 11.0 16.4#



#80
 Benzo(a)anthracene
 Concen: 17.400 ng
 RT: 14.13 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF107206.D
 Acq: 7 Jul 2018 15:09

Tgt Ion:228 Resp: 150813
 Ion Ratio Lower Upper
 228 100
 226 28.4 22.6 33.8
 229 21.3 15.8 23.6





#82

Chrysene

Concen: 17.003 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.03 min

Lab File: BF107206.D

Acq: 7 Jul 2018 15:09

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-24

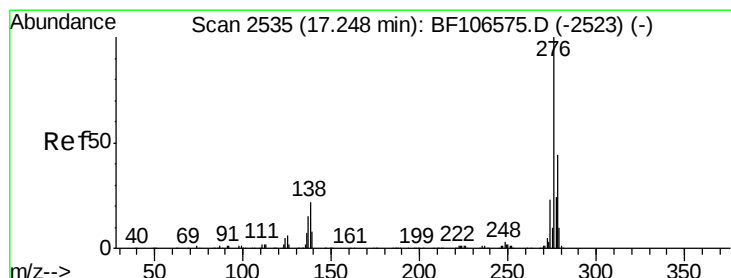
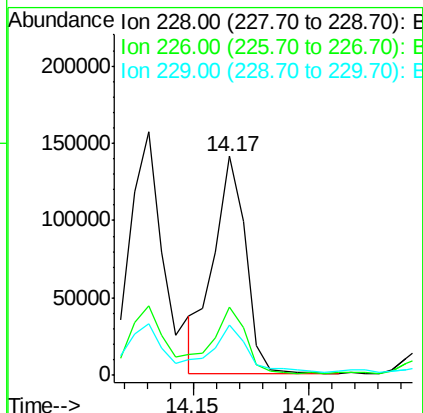
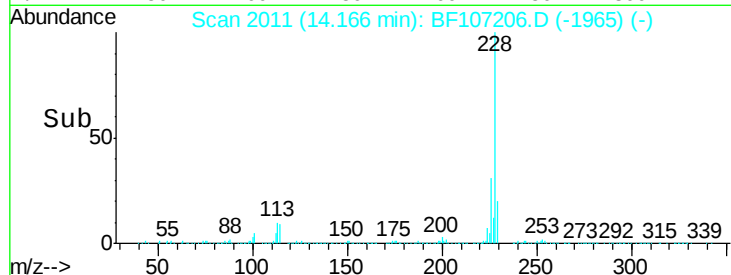
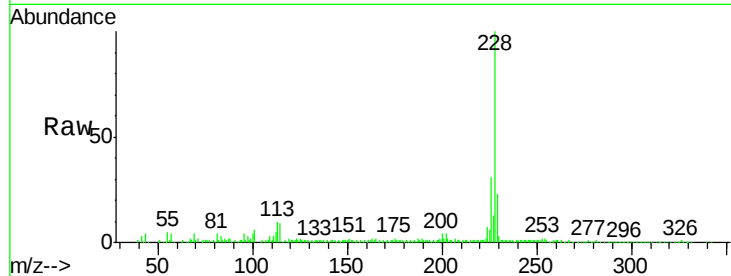
Tgt Ion:228 Resp: 135580

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.6

229 22.8 16.2 24.4



#85

Indeno(1,2,3-cd)pyrene

Concen: 8.463 ng

RT: 17.27 min Scan# 2539

Delta R.T. -0.04 min

Lab File: BF107206.D

Acq: 7 Jul 2018 15:09

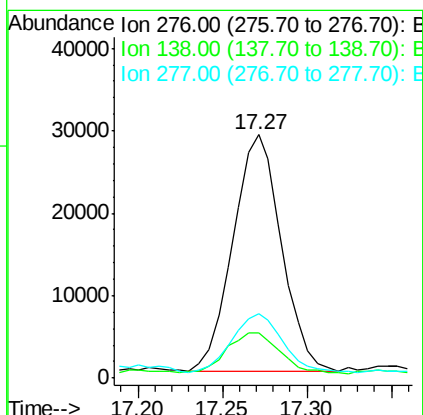
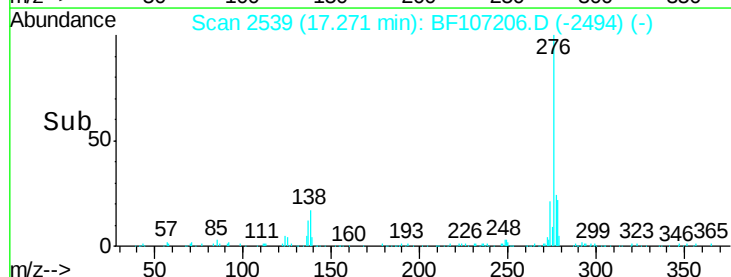
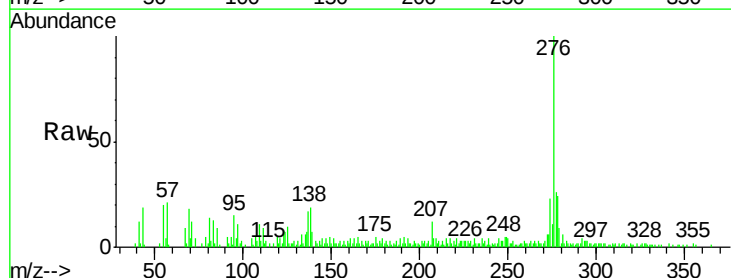
Tgt Ion:276 Resp: 57270

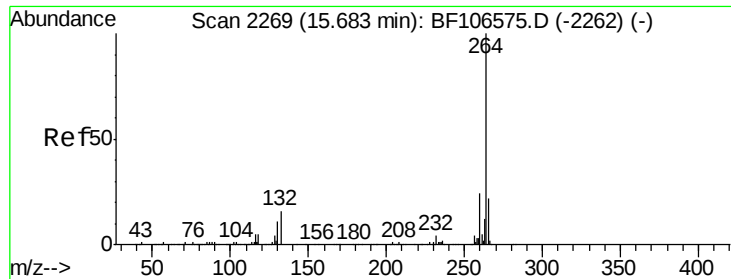
Ion Ratio Lower Upper

276 100

138 19.2 25.0 37.6#

277 25.9 20.1 30.1



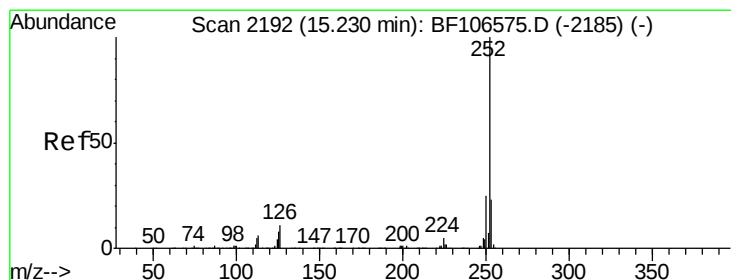
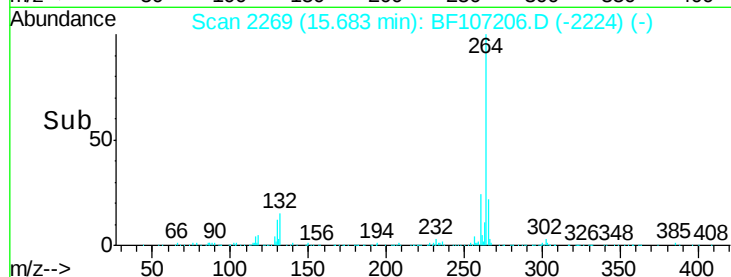
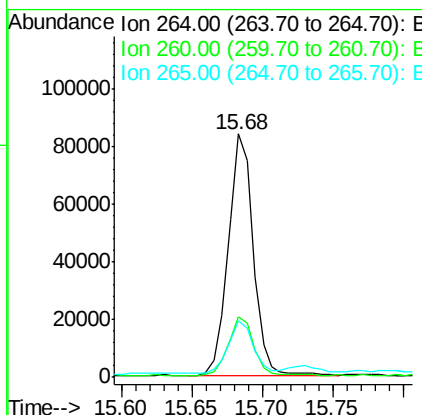
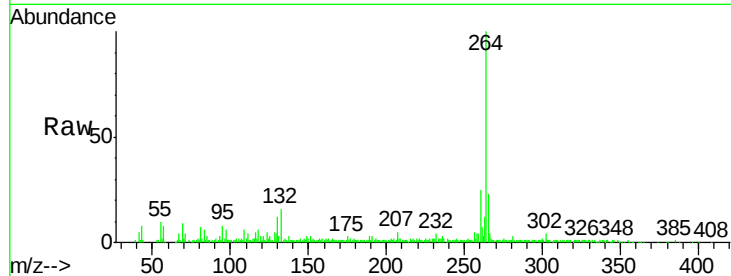


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF107206.D
Acq: 7 Jul 2018 15:09

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-24

Tgt Ion: 264 Resp: 102594

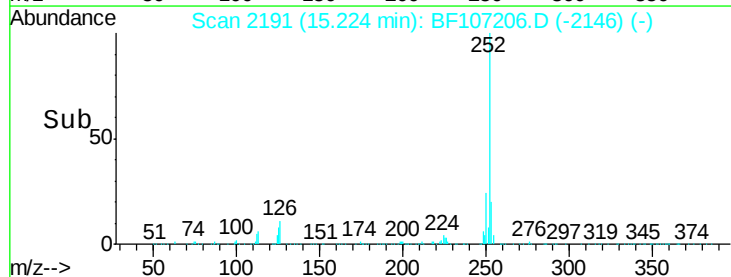
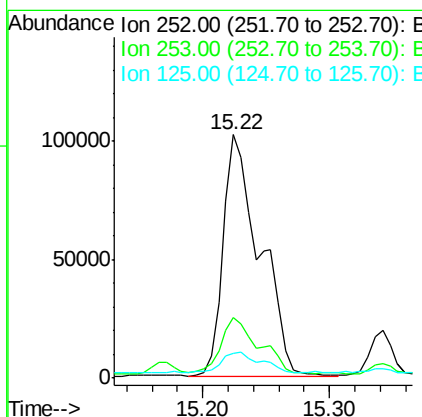
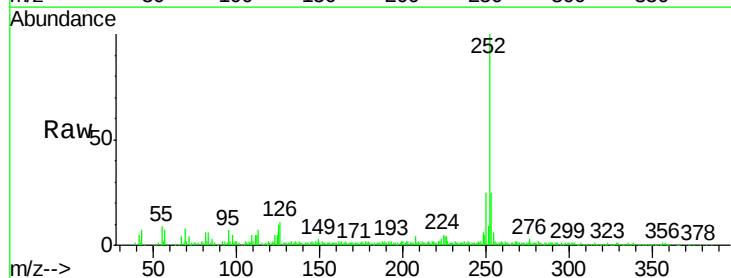
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	23.1	17.5	26.3

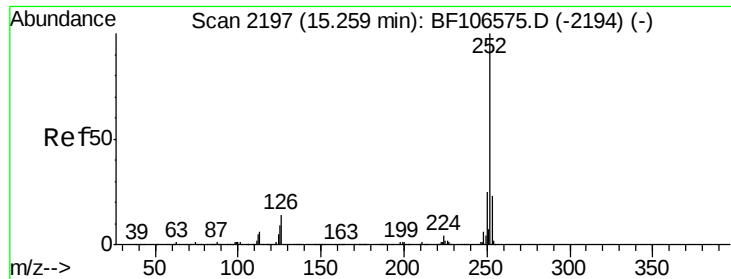


#87
Benzo(b)fluoranthene
Concen: 32.217 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF107206.D
Acq: 7 Jul 2018 15:09

Tgt Ion: 252 Resp: 205323

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.0	25.6
125	10.4	9.0	13.6

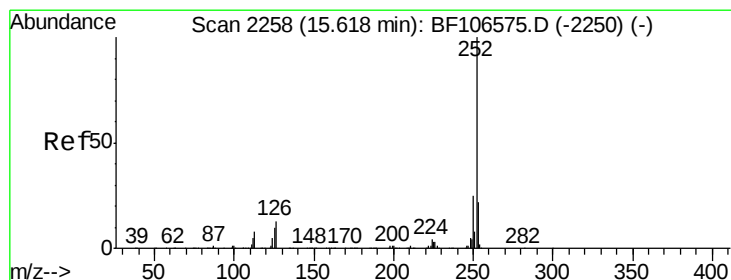
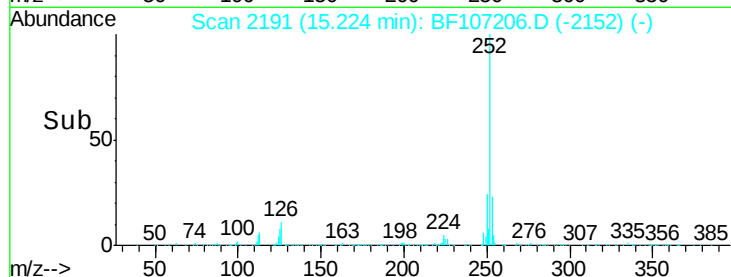
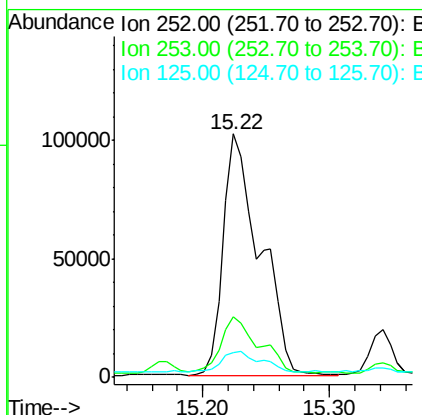
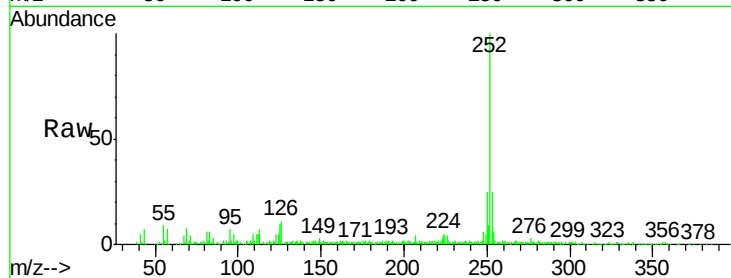




#88
 Benzo(k)fluoranthene
 Concen: 33.831 ng
 RT: 15.22 min Scan# 2191
 Delta R.T. -0.07 min
 Lab File: BF107206.D
 Acq: 7 Jul 2018 15:09

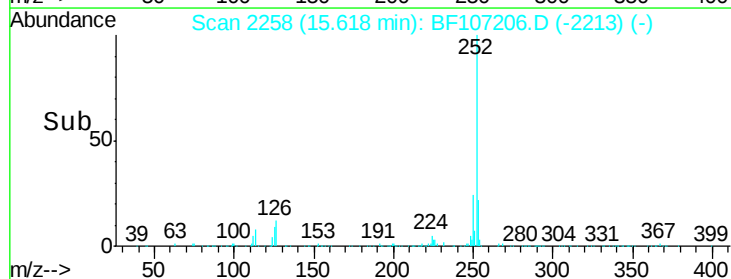
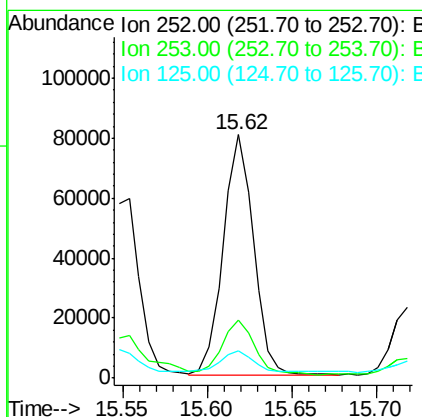
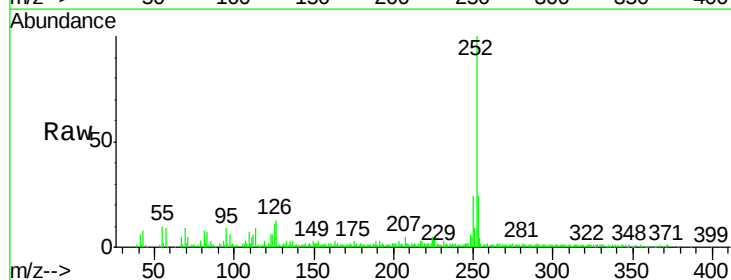
Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-24

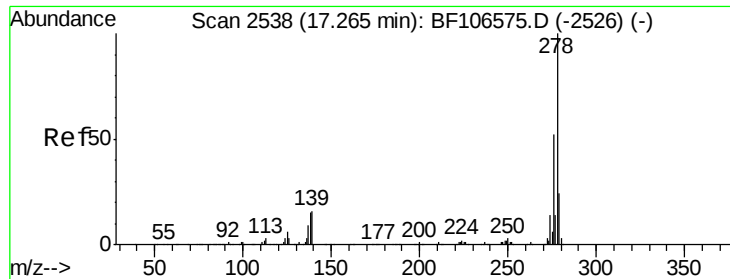
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.9	26.9
125	10.4	10.2	15.2



#89
 Benzo(a)pyrene
 Concen: 17.830 ng
 RT: 15.62 min Scan# 2258
 Delta R.T. -0.04 min
 Lab File: BF107206.D
 Acq: 7 Jul 2018 15:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	11.4	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 3.395 ng

RT: 17.27 min Scan# 2539

Delta R.T. -0.05 min

Lab File: BF107206.D

Acq: 7 Jul 2018 15:09

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-24

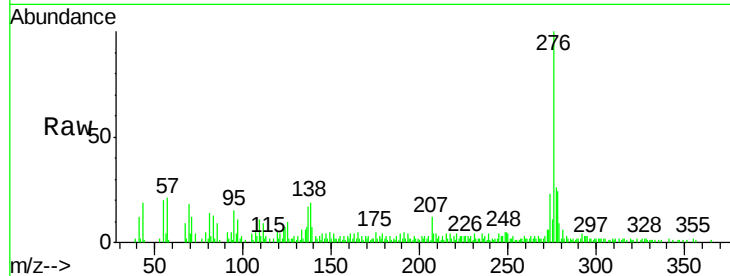
Tgt Ion:278 Resp: 16301

Ion Ratio Lower Upper

278 100

139 30.7 15.9 23.9#

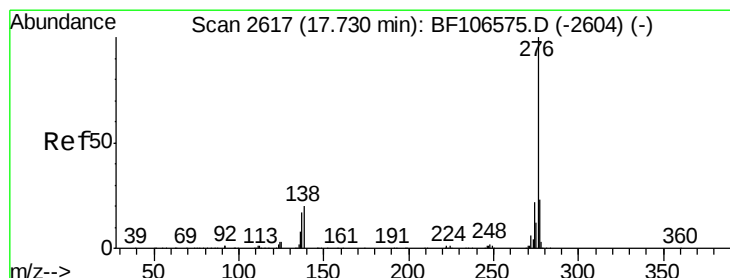
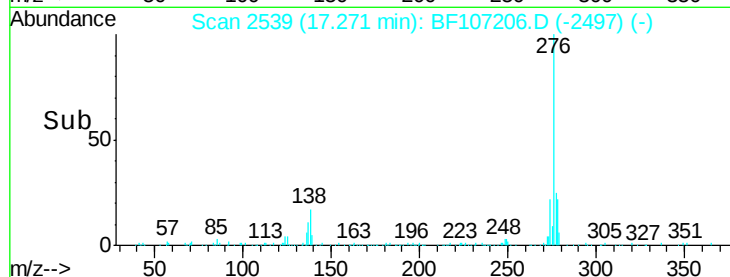
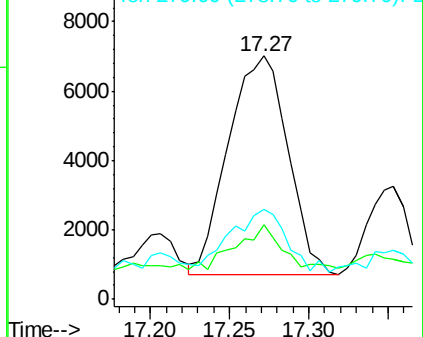
279 36.9 19.0 28.4#



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



#91

Benzo(g,h,i)perylene

Concen: 12.129 ng

RT: 17.76 min Scan# 2622

Delta R.T. -0.03 min

Lab File: BF107206.D

Acq: 7 Jul 2018 15:09

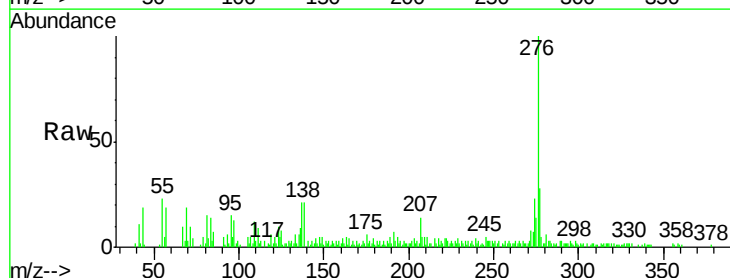
Tgt Ion:276 Resp: 56920

Ion Ratio Lower Upper

276 100

277 27.8 17.9 26.9#

138 21.1 21.8 32.8#



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

