

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022218\
 Data File : BF103178.D
 Acq On : 22 Feb 2018 22:21
 Operator : SJ/JU
 Sample : J1635-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-6FT

Quant Time: Feb 23 04:42:03 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 22 14:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	173574	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	703230	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	270519	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	357646	20.00	ng	0.00
75) Chrysene-d12	14.05	240	298568	20.00	ng	0.00
86) Perylene-d12	15.54	264	272133	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	997413	86.91	ng	0.01
7) Phenol-d6	6.50	99	1184925	84.38	ng	0.00
23) Nitrobenzene-d5	7.43	82	751428	61.02	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	164263	71.74	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1090567	65.74	ng	0.00
78) Terphenyl-d14	12.98	244	679999	54.75	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.39	79	120	0.007	ng	# 21
4) n-Nitrosodimethylamine	3.33	42	110	0.017	ng	# 1
6) Aniline	6.52	93	144	0.007	ng	# 1
8) 2-Chlorophenol	6.66	128	216	0.018	ng	# 1
9) Benzaldehyde	6.65	77	20015	1.345	ng	81
10) Phenol	6.52	94	5550	0.340	ng	# 47
11) bis(2-Chloroethyl)ether	6.64	93	1310	0.106	ng	# 1
15) Benzyl Alcohol	7.03	79	11855	1.120	ng	# 42
16) 2,2'-oxybis(1-Chloropropan	7.30	45	119	0.006	ng	70
24) Nitrobenzene	7.43	77	2354	0.174	ng	# 37
45) 1,1'-Biphenyl	9.33	154	3568	0.157	ng	92
46) 2-Chloronaphthalene	9.62	162	745	0.042	ng	# 1
47) 2-Nitroaniline	9.62	65	974	0.147	ng	# 1
49) Dimethylphthalate	9.62	163	94517	4.355	ng	98
51) Acenaphthene	9.91	154	971	0.060	ng	# 4
57) Fluorene	10.70	166	8253	0.439	ng	# 88
59) Diethylphthalate	10.32	149	4883	0.235	ng	# 87
62) Azobenzene	10.61	77	123	0.006	ng	# 50
65) n-Nitrosodiphenylamine	10.70	169	5261	0.422	ng	# 42
70) Phenanthrene	11.42	178	364	0.018	ng	# 59
71) Anthracene	11.42	178	364	0.018	ng	# 60
73) Di-n-butylphthalate	11.95	149	1413	0.056	ng	# 78
74) Fluoranthene	12.62	202	121	0.006	ng	62
76) Benidine	12.76	184	376	0.034	ng	# 66
77) Pyrene	12.85	202	412	0.018	ng	# 57
79) Butylbenzylphthalate	13.64	149	108	0.009	ng	# 23
80) Benzo(a)anthracene	14.04	228	1831	0.095	ng	# 62
82) Chrysene	14.07	228	1211	0.064	ng	# 88
83) Bis(2-ethylhexyl)phthalate	14.01	149	4880	0.294	ng	# 96
84) Di-n-octyl phthalate	14.63	149	2502	0.093	ng	# 85
85) Indeno(1,2,3-cd)pyrene	17.06	276	2383	0.160	ng	# 76
87) Benzo(b)fluoranthene	15.10	252	2736	0.153	ng	# 60
88) Benzo(k)fluoranthene	15.13	252	2436	0.145	ng	# 70
89) Benzo(a)pyrene	15.47	252	1683	0.105	ng	# 2

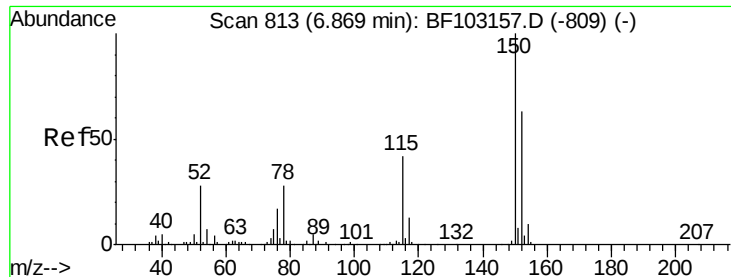
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103178.D
Acq On : 22 Feb 2018 22:21
Operator : SJ/JU
Sample : J1635-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Time: Feb 23 04:42:03 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 22 14:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	17.08	278	1510	0.122	ng	# 54
91) Benzo(g,h,i)perylene	17.53	276	1935	0.160	ng	# 56

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

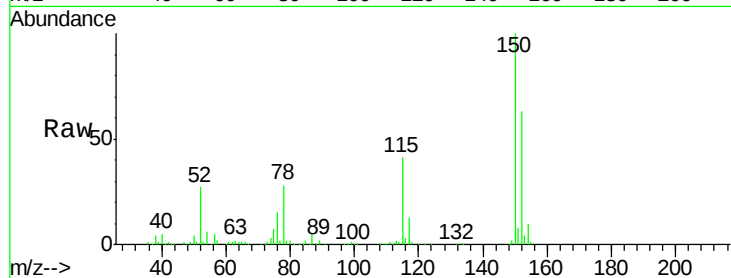


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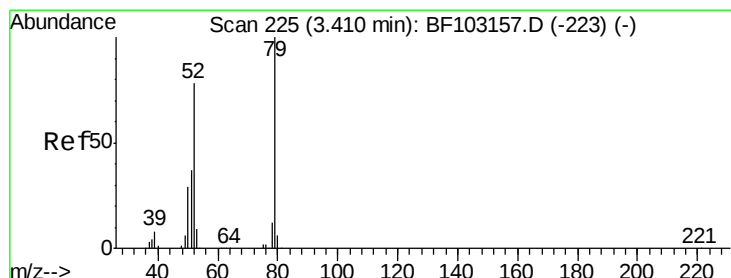
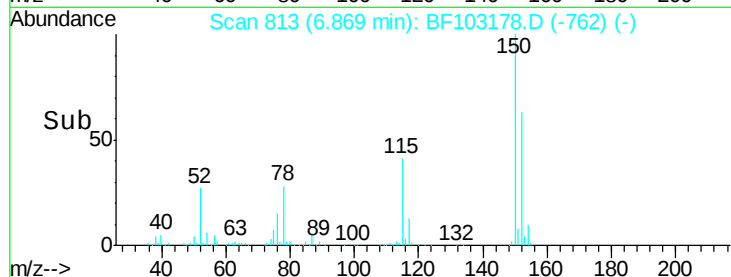
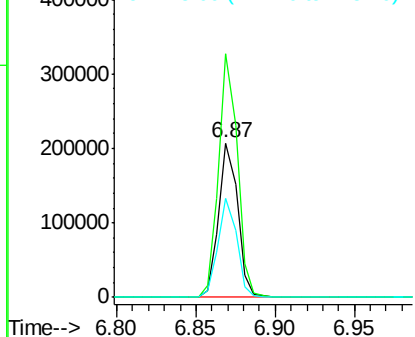
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103178.D
Acq: 22 Feb 2018 22:21

Instrument :
BNA_F
ClientSampleId :
TP-1-6FT

Tot Ion:152 Resp: 173574
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 64.1 50.1 75.1



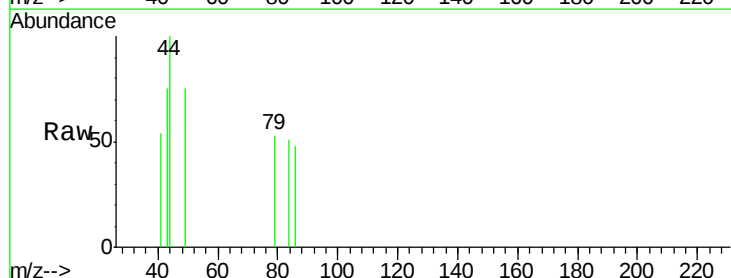
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



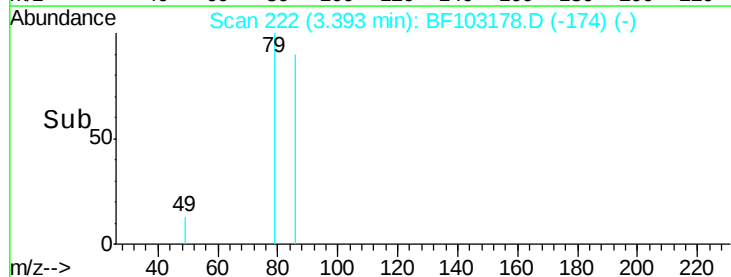
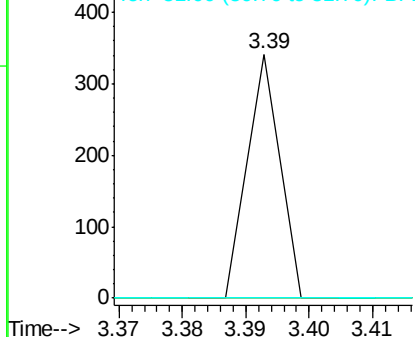
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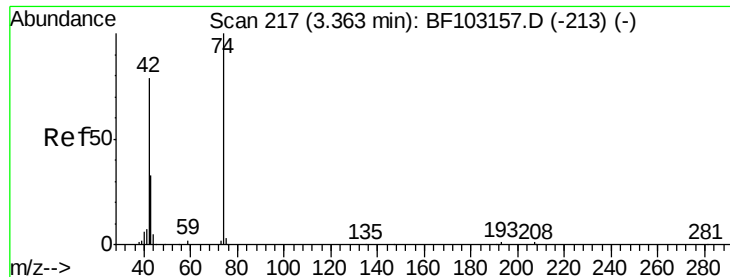
Pyridine
Concen: 0.007 ng
RT: 3.39 min Scan# 222
Delta R.T. -0.02 min
Lab File: BF103178.D
Acq: 22 Feb 2018 22:21

Tgt Ion: 79 Resp: 120
Ion Ratio Lower Upper
79 100
52 0.0 59.8 89.6#
51 0.0 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



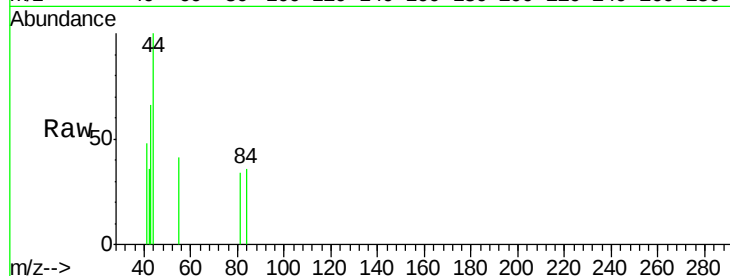


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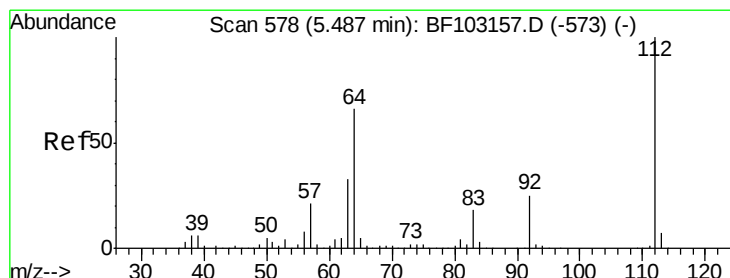
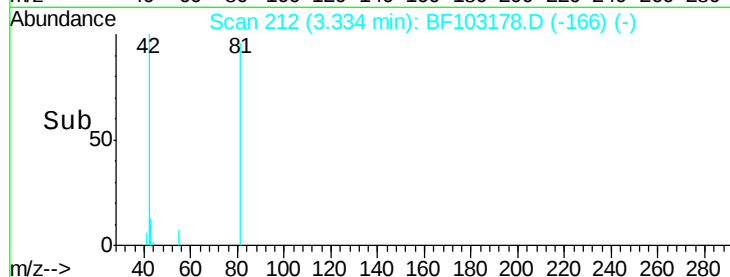
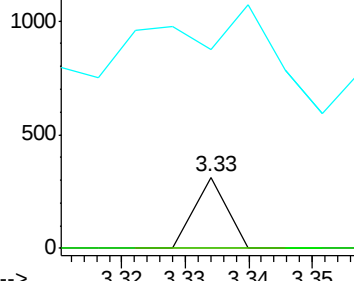
n-Nitrosodimethylamine
 Concen: 0.017 ng
 RT: 3.33 min Scan# 212
 Delta R.T. -0.03 min
 Lab File: BF103178.D
 Acq: 22 Feb 2018 22:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-6FT

Tot Ion: 42 Resp: 110
 Ion Ratio Lower Upper
 42 100
 74 0.0 104.9 157.3#
 44 279.8 6.9 10.3#



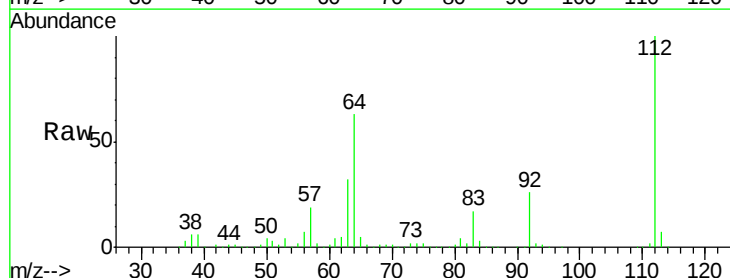
Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1



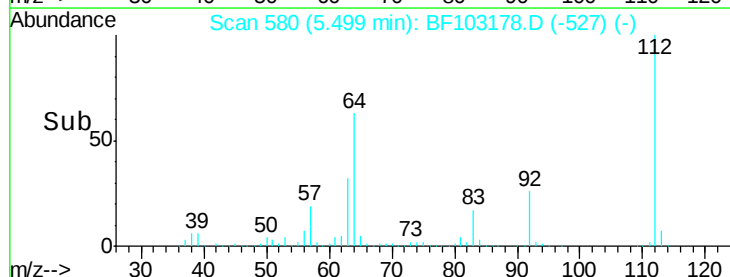
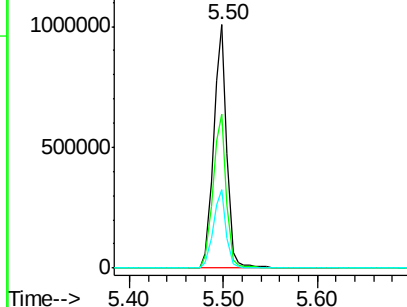
#5

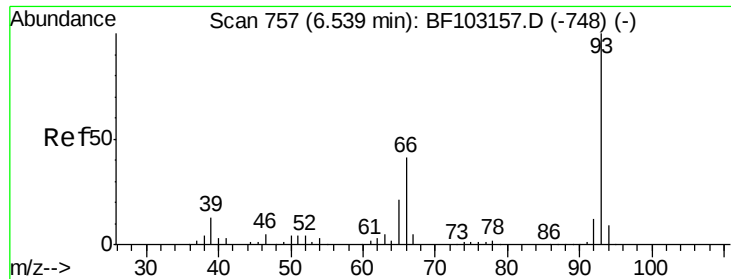
2-Fluorophenol
 Concen: 86.909 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF103178.D
 Acq: 22 Feb 2018 22:21

Tgt Ion: 112 Resp: 997413
 Ion Ratio Lower Upper
 112 100
 64 63.3 47.9 71.9
 63 32.3 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





#6

Aniline

Concen: 0.007 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

Instrument :

BNA_F

ClientSampleId :

TP-1-6FT

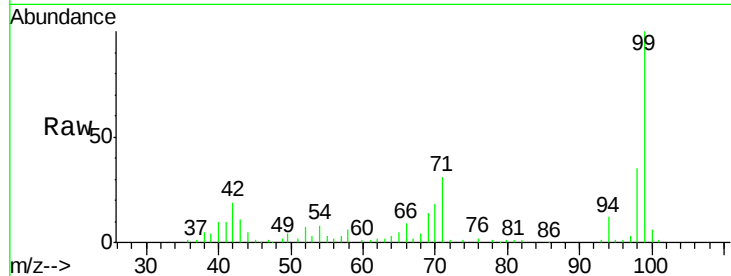
Tot Ion: 93 Resp: 144

Ion Ratio Lower Upper

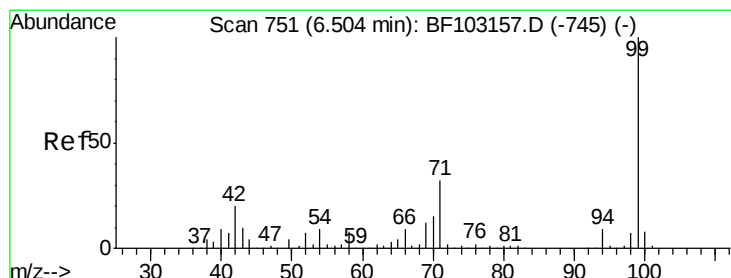
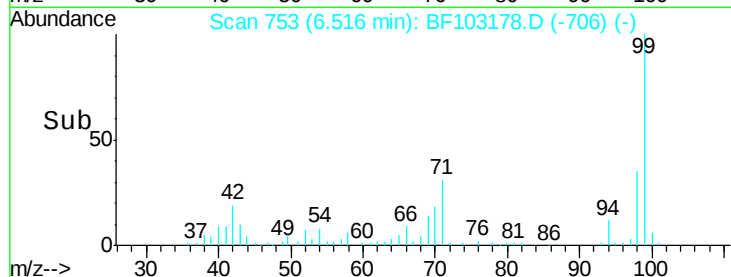
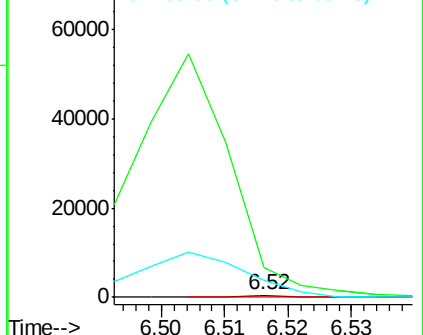
93 100

66 1667.9 32.2 48.2#

65 968.6 16.4 24.6#



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: 84.377 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

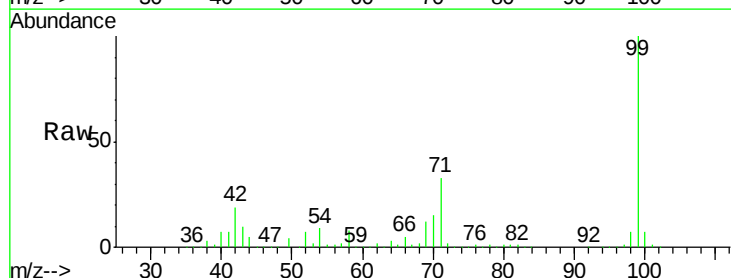
Tgt Ion: 99 Resp: 1184925

Ion Ratio Lower Upper

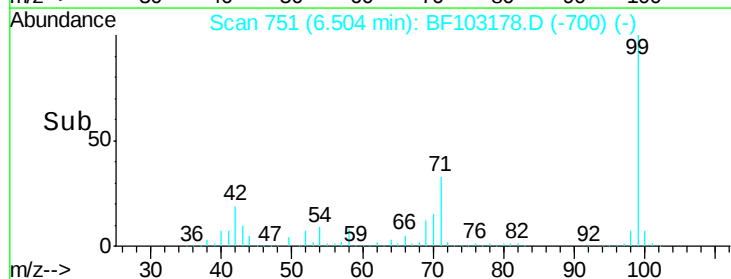
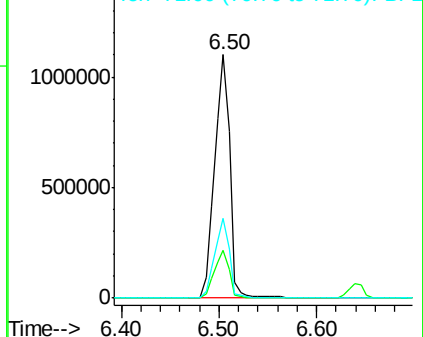
99 100

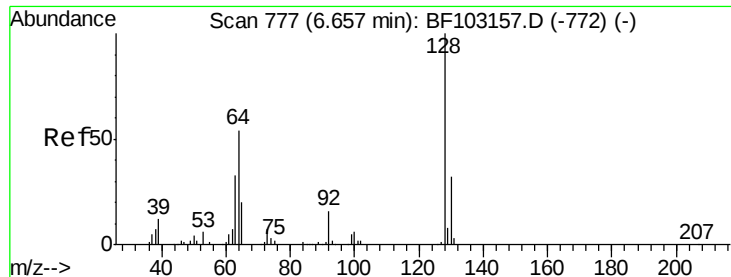
42 19.5 14.5 21.7

71 32.9 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





#8

2-Chlorophenol

Concen: 0.018 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

Instrument :

BNA_F

ClientSampleId :

TP-1-6FT

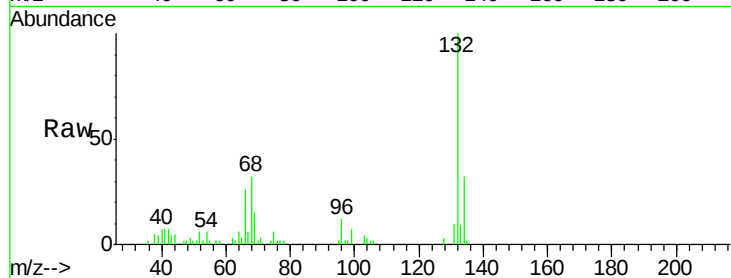
Tot Ion:128 Resp: 216

Ion Ratio Lower Upper

128 100

130 0.0 13.0 53.0#

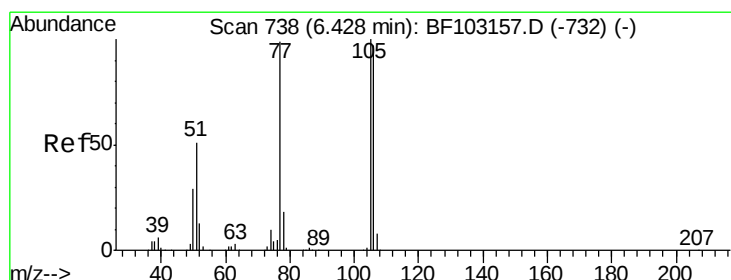
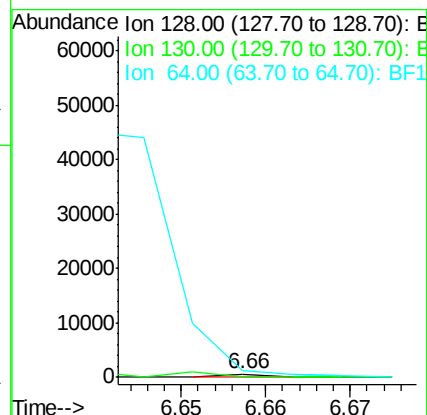
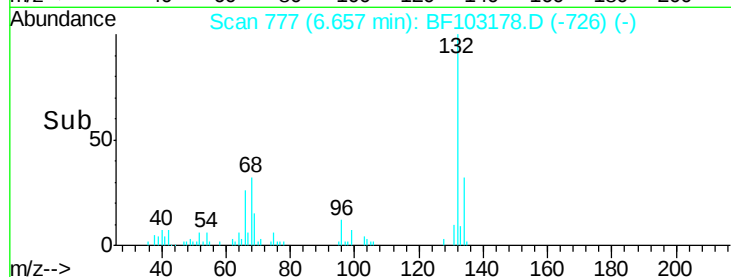
64 197.7 29.4 69.4#



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: 1.345 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.22 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

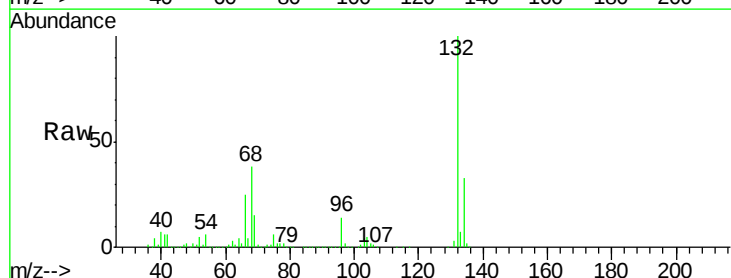
Tgt Ion: 77 Resp: 20015

Ion Ratio Lower Upper

77 100

105 81.7 81.1 121.1

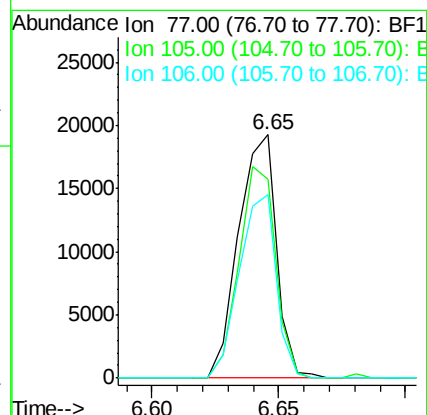
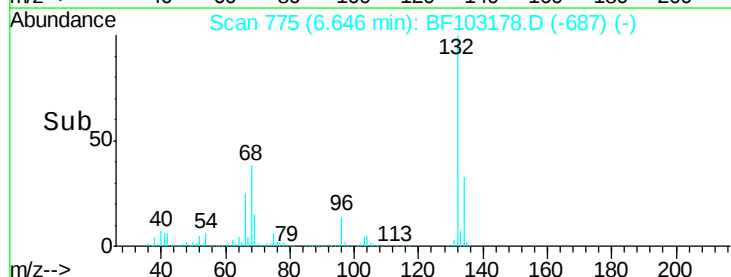
106 75.6 74.5 114.5

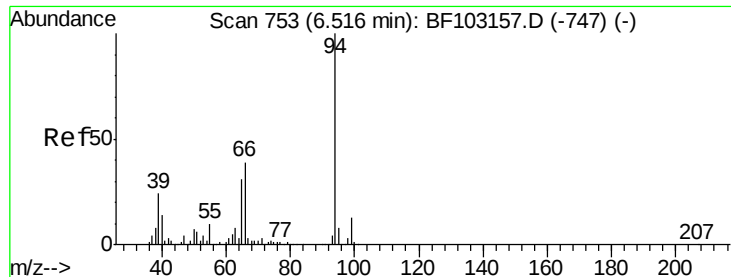


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

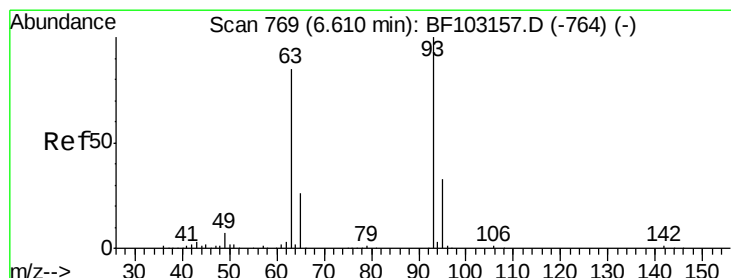
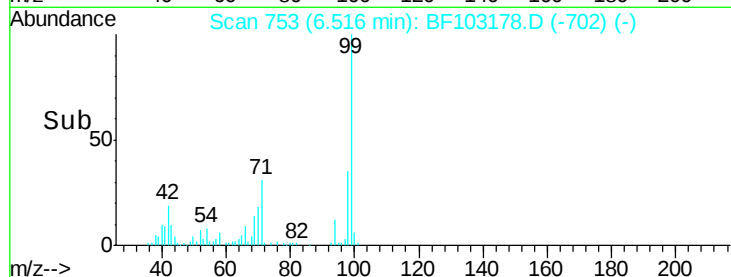
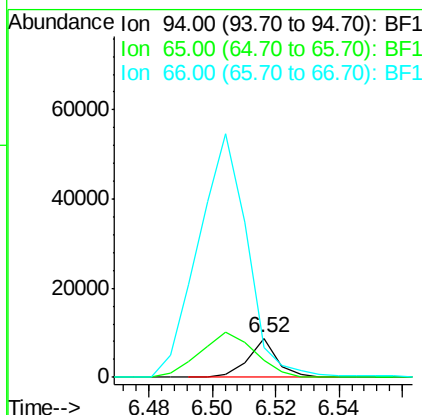
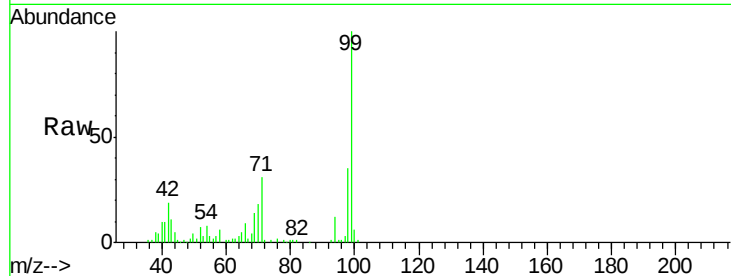




#10
Phenol
Concen: 0.340 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF103178.D
Acq: 22 Feb 2018 22:21

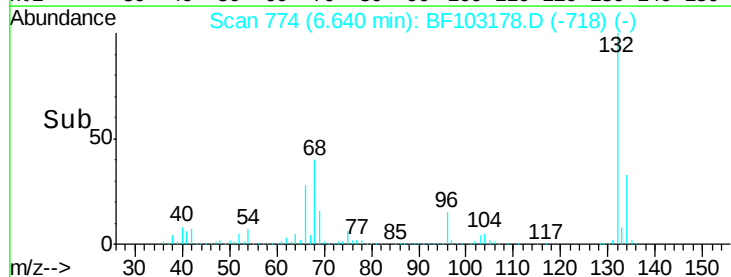
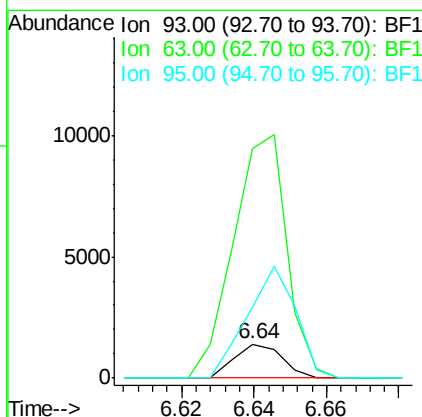
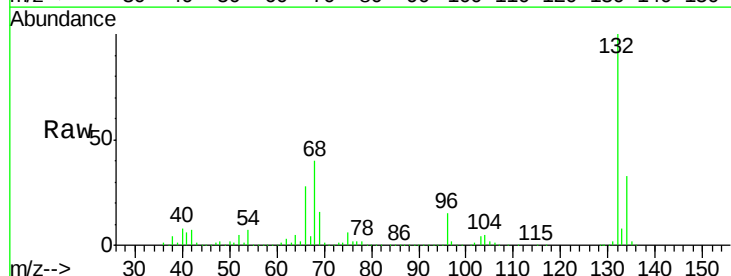
Instrument :
BNA_F
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TP-1-6FT

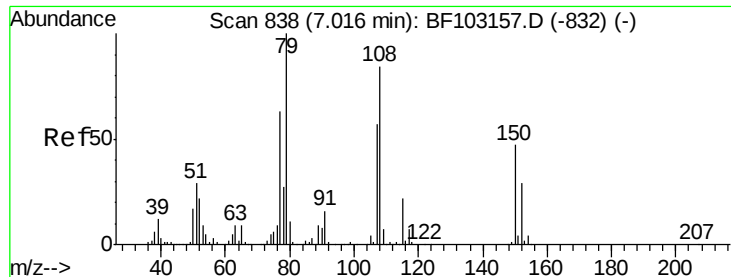
Tot Ion: 94 Resp: 5550
Ion Ratio Lower Upper
94 100
65 44.7 7.9 47.9
66 77.0 16.2 56.2#



#11
bis(2-Chloroethyl)ether
Concen: 0.106 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.03 min
Lab File: BF103178.D
Acq: 22 Feb 2018 22:21

Tgt Ion: 93 Resp: 1310
Ion Ratio Lower Upper
93 100
63 672.7 58.6 98.6#
95 208.3 11.8 51.8#





#15

Benzyl Alcohol

Concen: 1.120 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

Instrument :

BNA_F

ClientSampleId :

TP-1-6FT

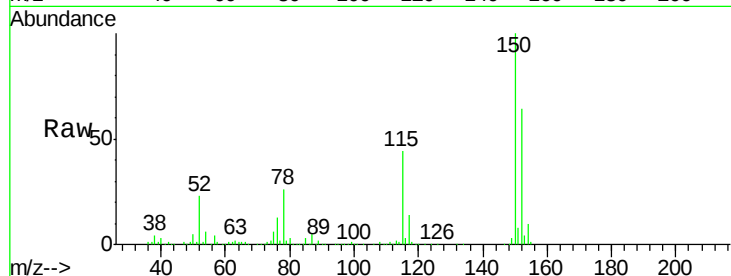
Tot Ion: 79 Resp: 11855

Ion Ratio Lower Upper

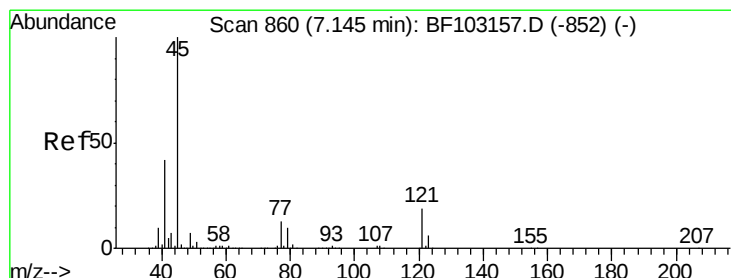
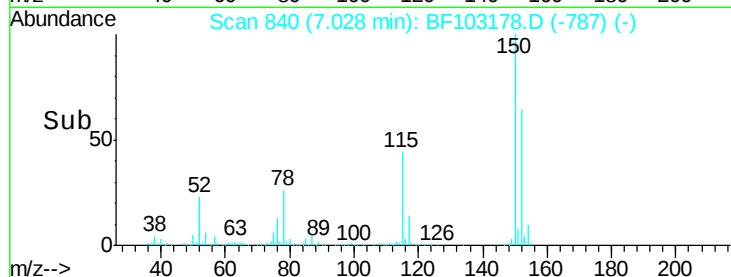
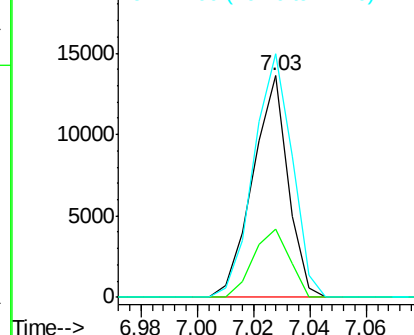
79 100

108 30.8 65.1 97.7#

77 110.0 50.6 75.8#



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.006 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.15 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

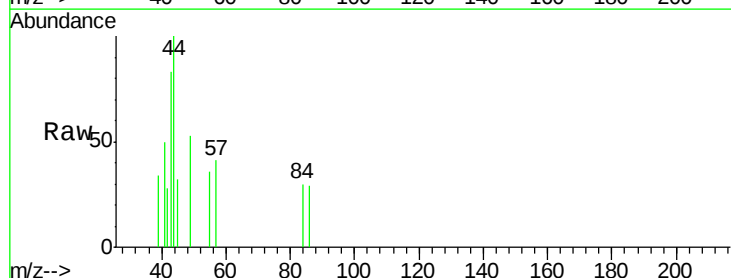
Tgt Ion: 45 Resp: 119

Ion Ratio Lower Upper

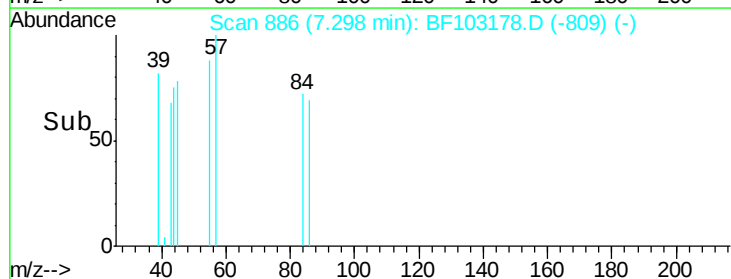
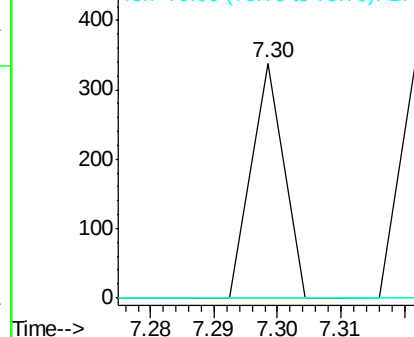
45 100

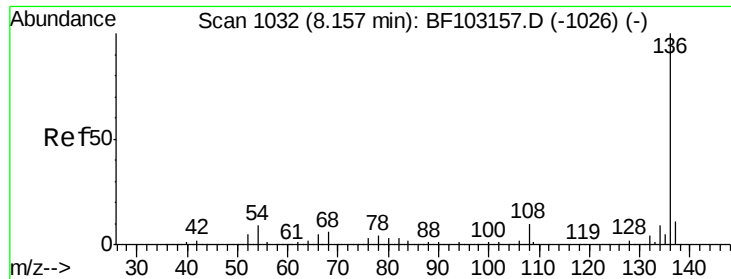
77 0.0 0.0 32.9

79 0.0 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

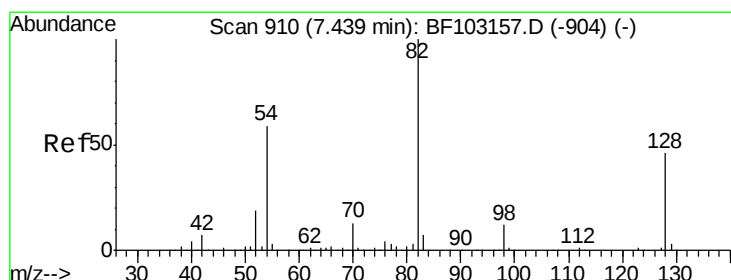
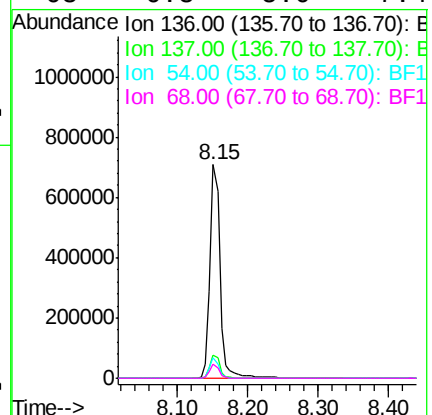
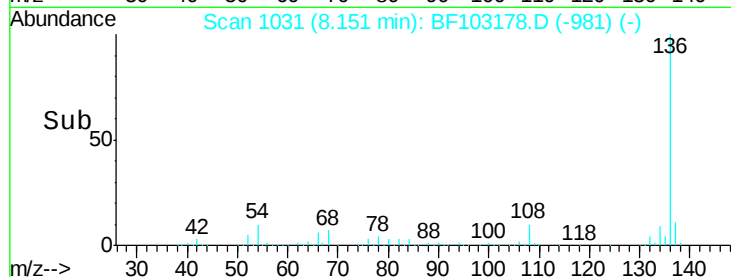
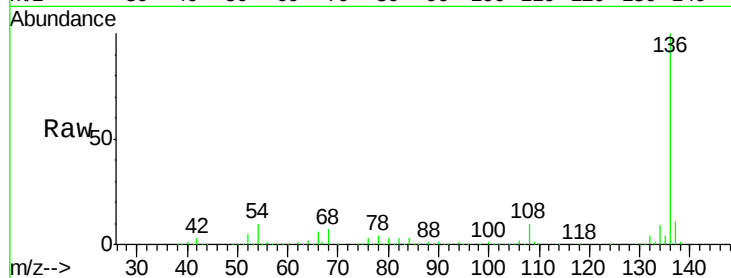




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF103178.D
Acq: 22 Feb 2018 22:21

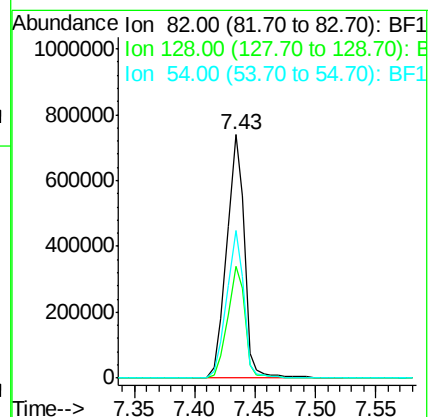
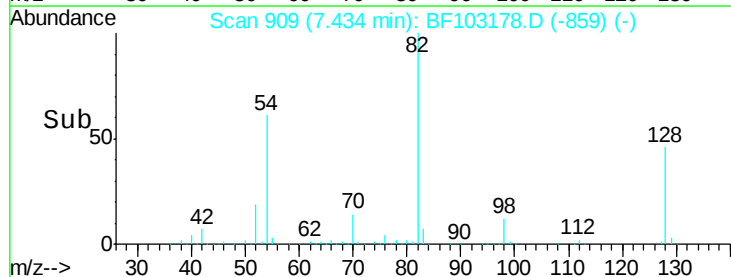
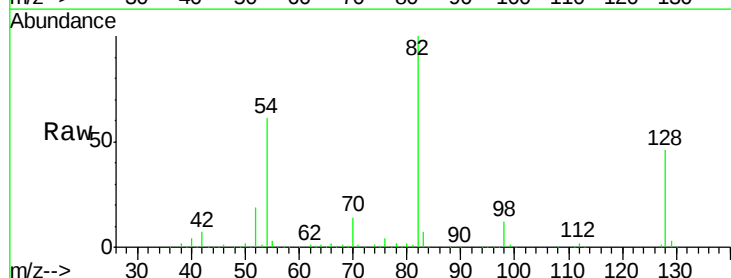
Instrument :
BNA_F
ClientSampleId :
TP-1-6FT

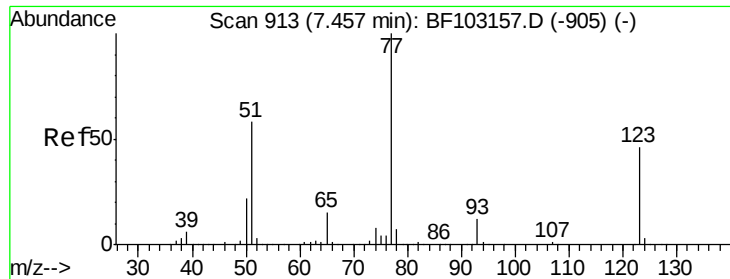
Tot Ion:	136	Resp:	703230
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.9	6.6	9.8#
68	6.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 61.023 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103178.D
Acq: 22 Feb 2018 22:21

Tgt Ion:	82	Resp:	751428
Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	60.6	41.4	62.2

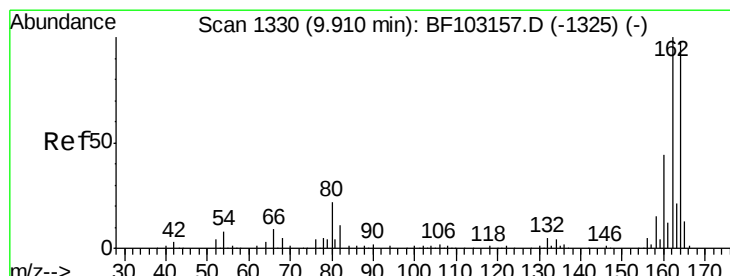
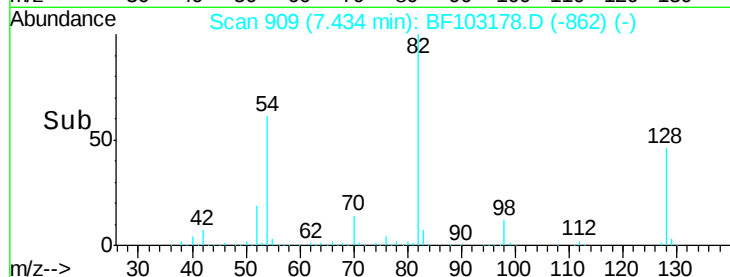
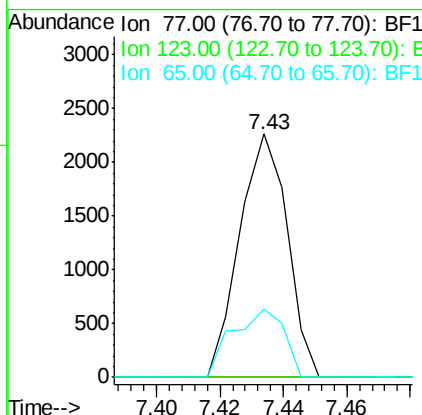
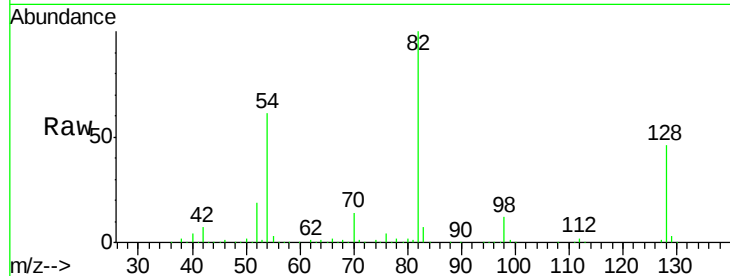




#24
Nitrobenzene
Concen: 0.174 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF103178.D
Acq: 22 Feb 2018 22:21

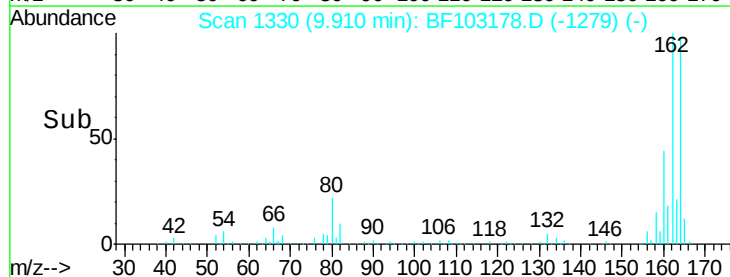
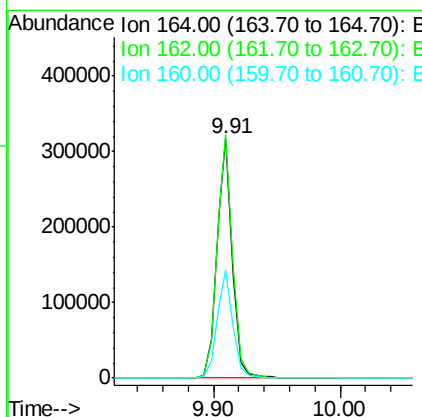
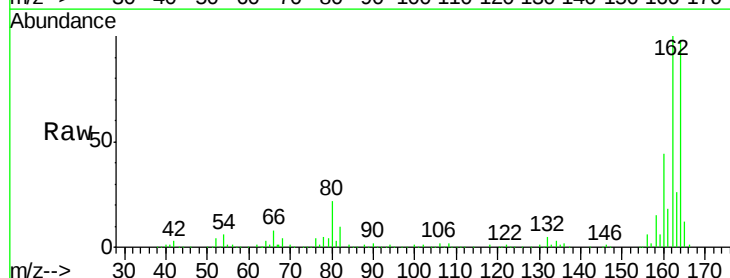
Instrument :
BNA_F
ClientSampleId :
TP-1-6FT

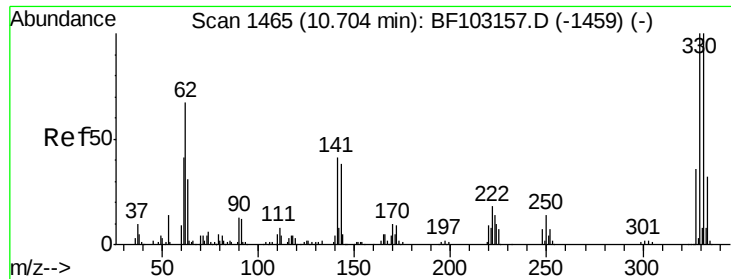
Tot Ion: 77 Resp: 2354
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 28.0 11.0 16.4#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF103178.D
Acq: 22 Feb 2018 22:21

Tgt Ion:164 Resp: 270519
Ion Ratio Lower Upper
164 100
162 101.6 86.1 129.1
160 45.2 38.3 57.5

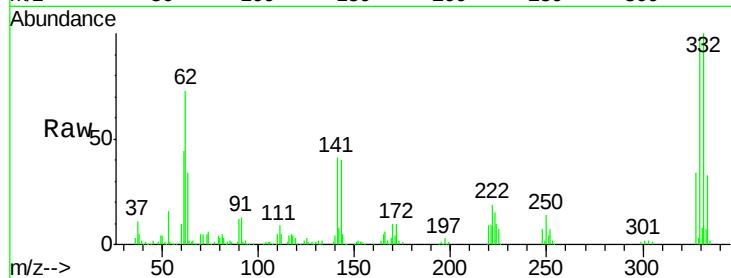




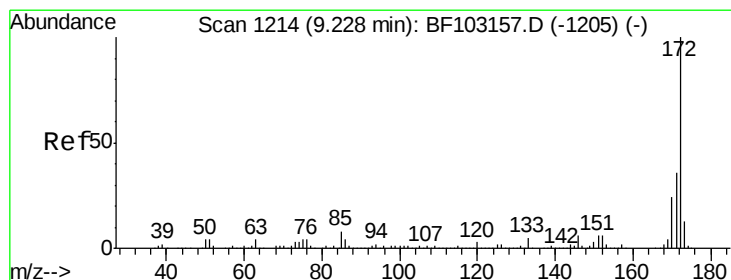
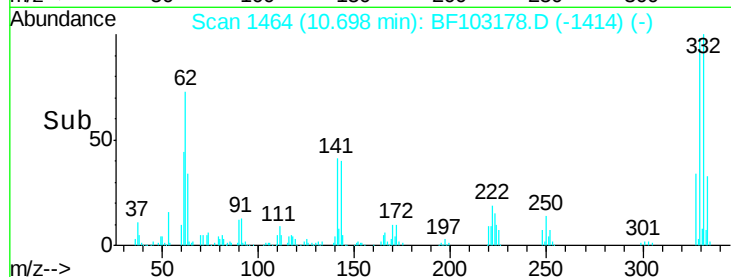
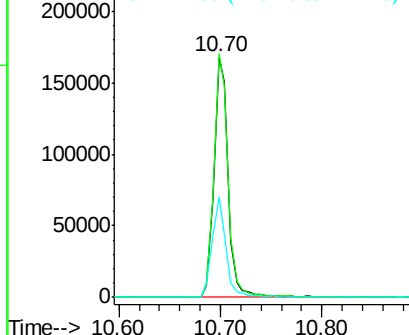
#41
 2,4,6-Tribromophenol
 Concen: 71.737 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103178.D
 Acq: 22 Feb 2018 22:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-6FT

Tot Ion:330 Resp: 164263
 Ion Ratio Lower Upper
 330 100
 332 101.3 77.0 115.6
 141 40.3 29.9 44.9

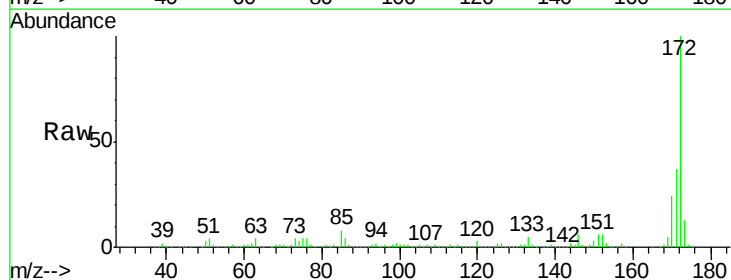


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

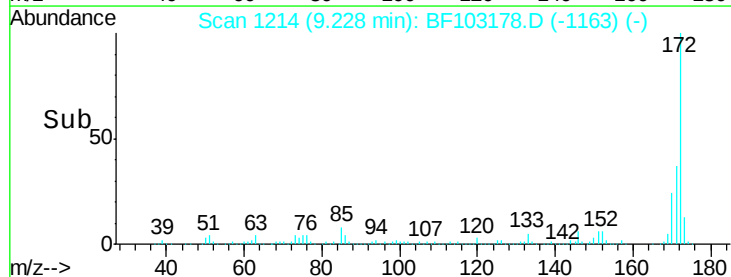
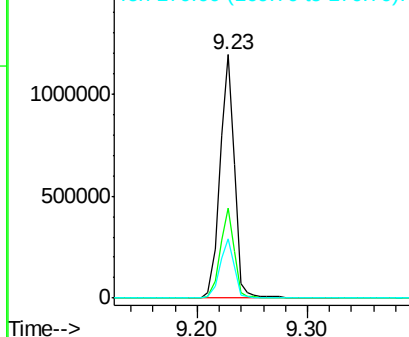


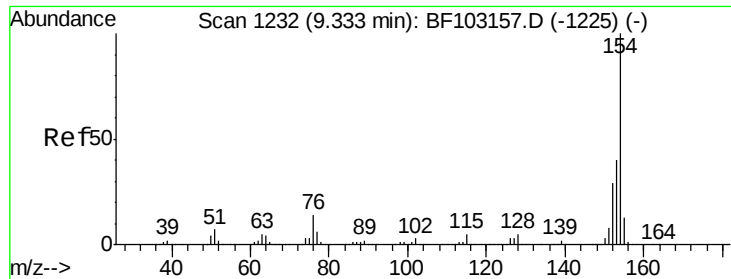
#44
 2-Fluorobiphenyl
 Concen: 65.742 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103178.D
 Acq: 22 Feb 2018 22:21

Tgt Ion:172 Resp: 1090567
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.5 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 0.157 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

Instrument :

BNA_F

ClientSampleId :

TP-1-6FT

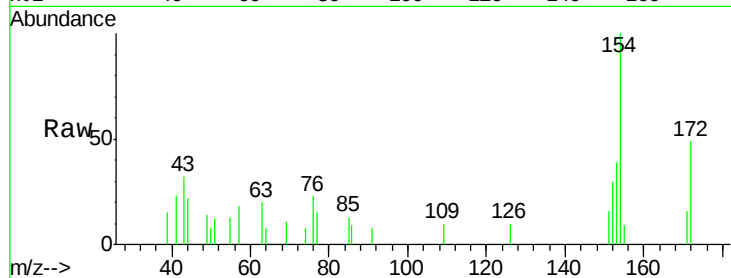
Tot Ion:154 Resp: 3568

Ion Ratio Lower Upper

154 100

153 39.4 21.3 61.3

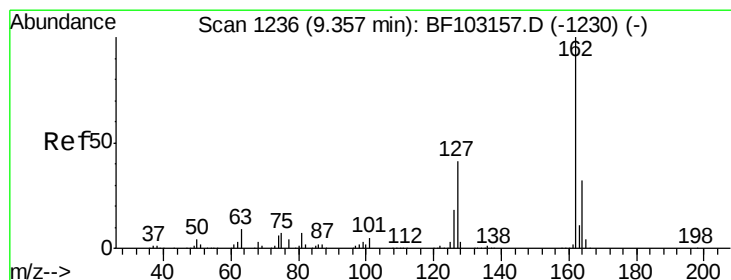
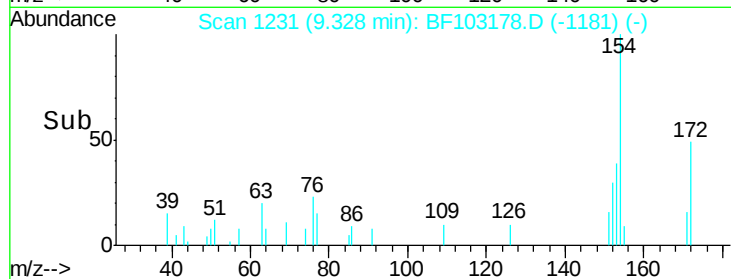
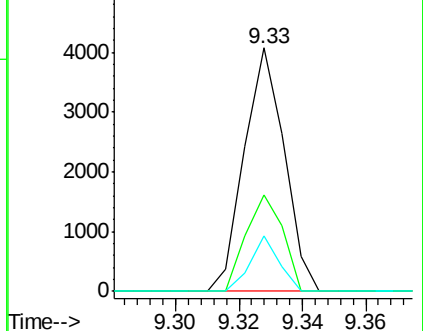
76 22.9 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 0.042 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.26 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

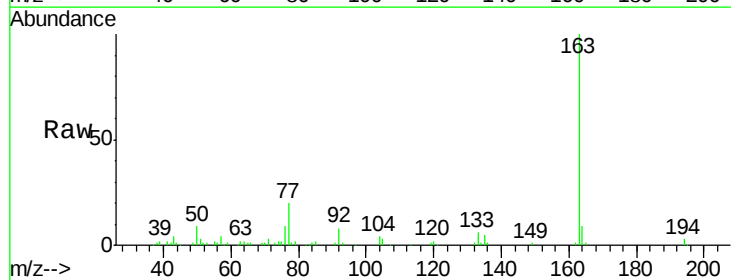
Tgt Ion:162 Resp: 745

Ion Ratio Lower Upper

162 100

127 0.0 33.9 50.9#

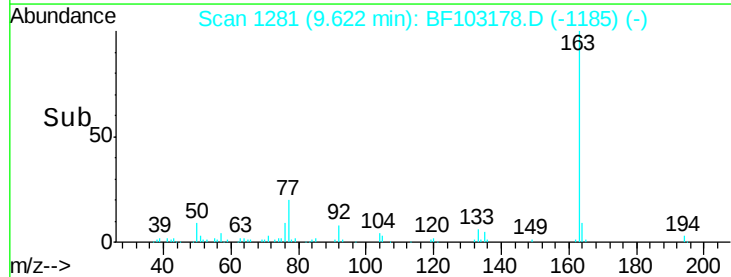
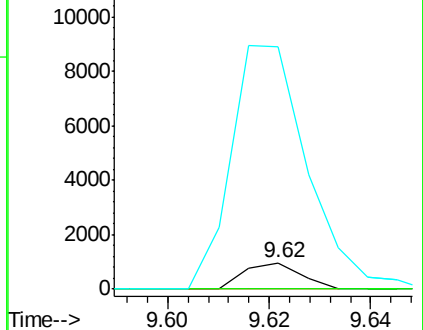
164 923.6 26.5 39.7#

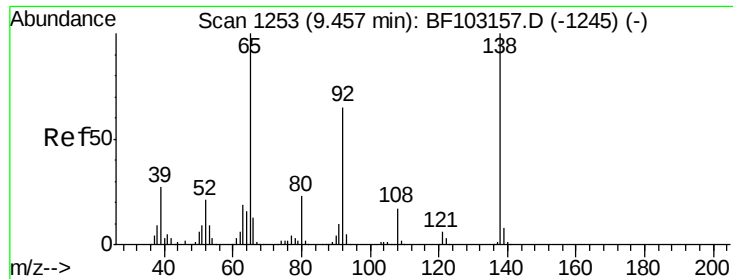


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

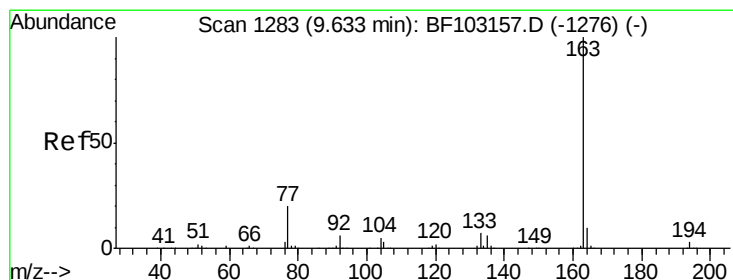
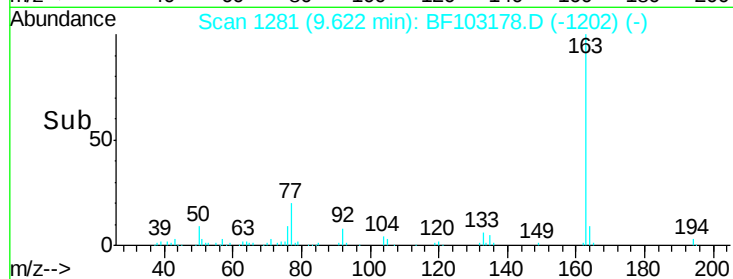
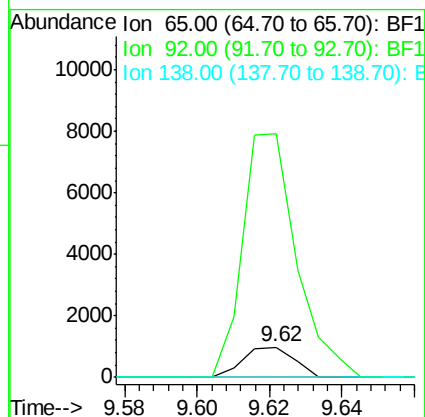
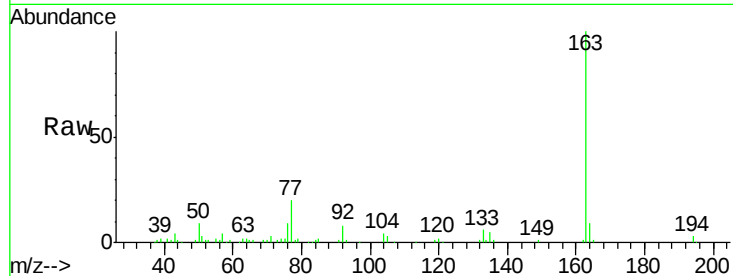




#47
2-Nitroaniline
Concen: 0.147 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.16 min
Lab File: BF103178.D
Acq: 22 Feb 2018 22:21

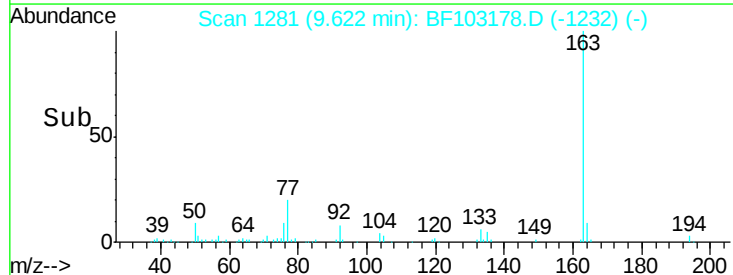
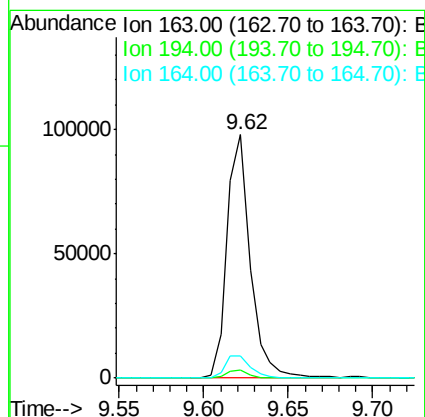
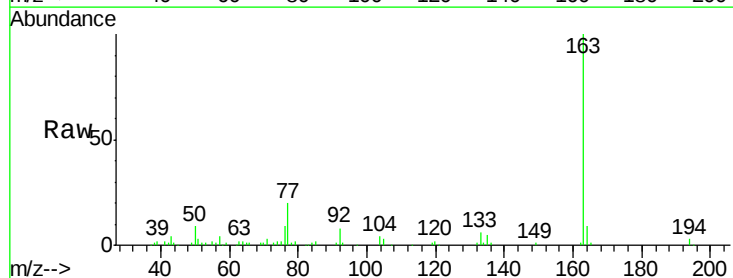
Instrument :
BNA_F
ClientSampleId :
TP-1-6FT

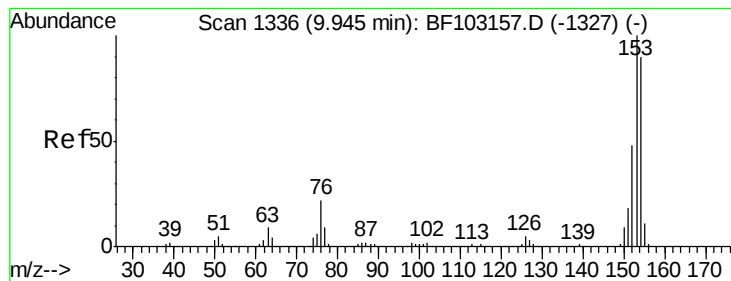
Tot Ion: 65 Resp: 974
Ion Ratio Lower Upper
65 100
92 802.6 55.8 83.6#
138 0.0 91.2 136.8#



#49
Dimethylphthalate
Concen: 4.355 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103178.D
Acq: 22 Feb 2018 22:21

Tgt Ion: 163 Resp: 94517
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.1 8.2 12.2





#51

Acenaphthene

Concen: 0.060 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.04 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

Instrument :

BNA_F

ClientSampleId :

TP-1-6FT

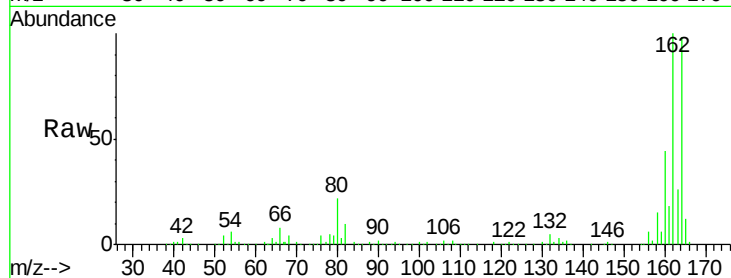
Tot Ion:154 Resp: 971

Ion Ratio Lower Upper

154 100

153 0.0 91.2 136.8#

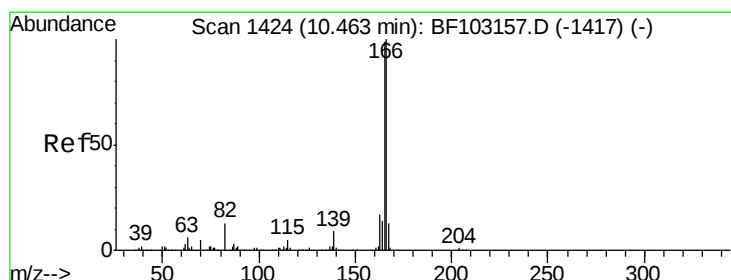
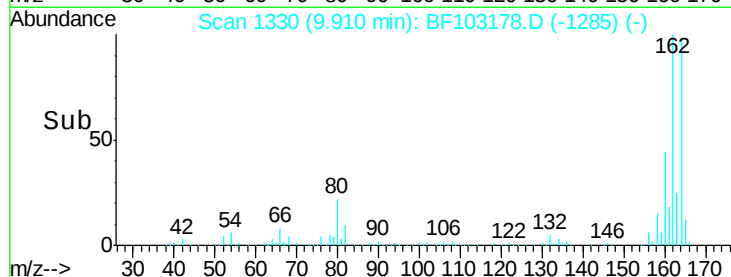
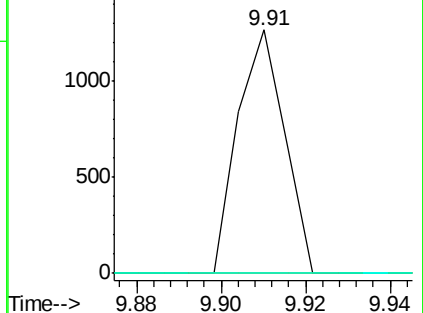
152 0.0 43.8 65.8#



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

Fluorene

Concen: 0.439 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.24 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

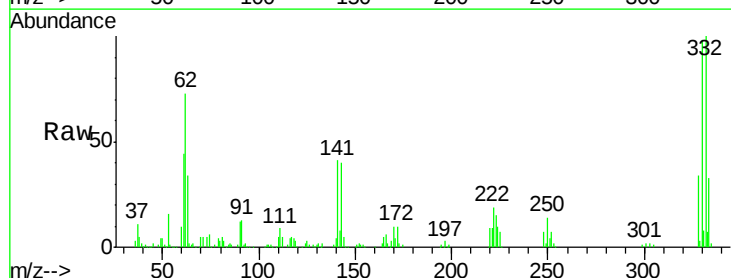
Tgt Ion:166 Resp: 8253

Ion Ratio Lower Upper

166 100

165 92.8 79.8 119.8

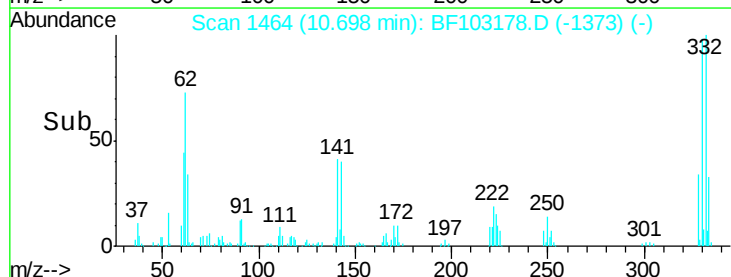
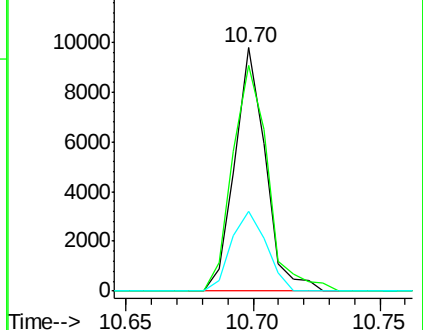
167 32.9 10.6 16.0#

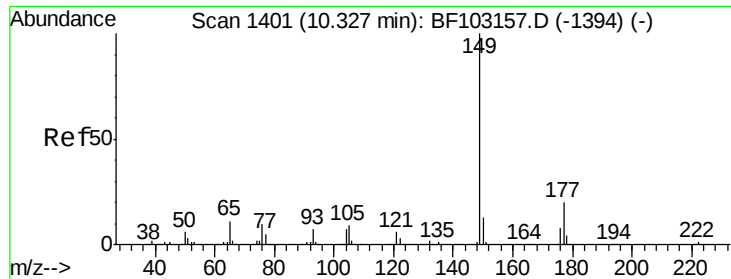


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

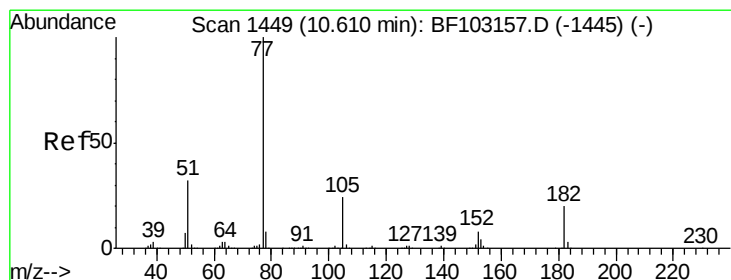
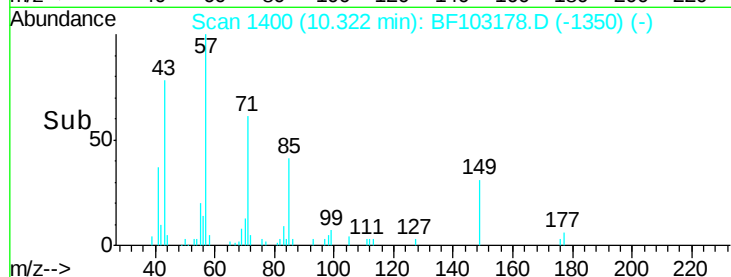
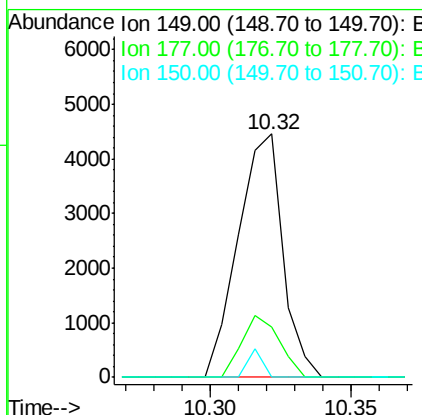
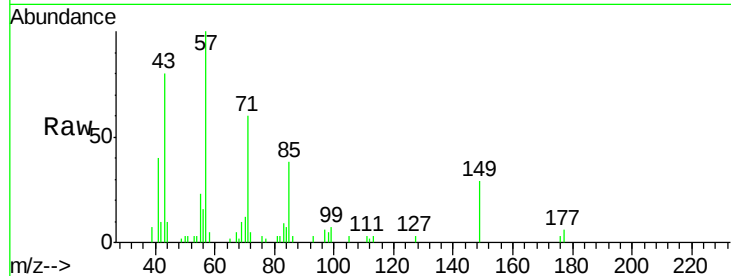




#59
Diethylphthalate
Concen: 0.235 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF103178.D
Acq: 22 Feb 2018 22:21

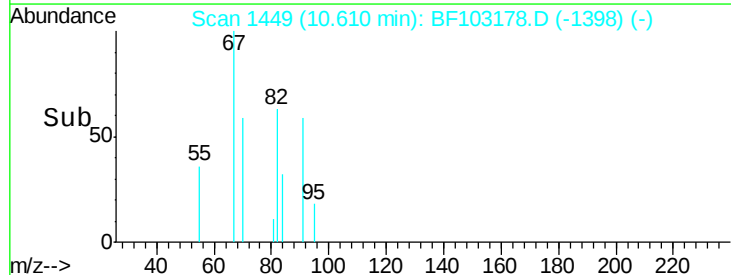
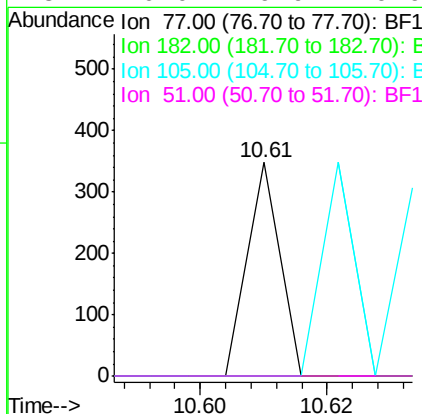
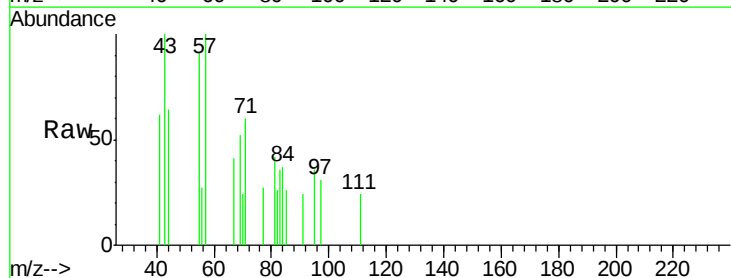
Instrument :
BNA_F
ClientSampleId :
TP-1-6FT

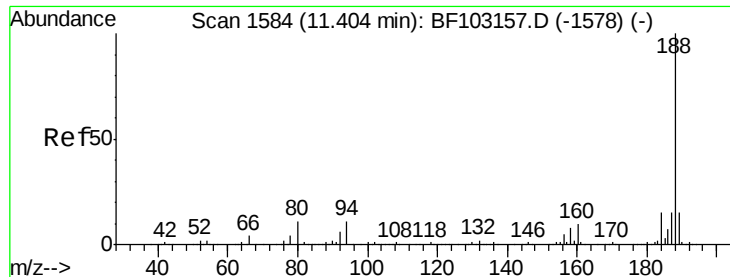
Tot Ion:149 Resp: 4883
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 0.0 10.1 15.1#



#62
Azobenzene
Concen: 0.006 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF103178.D
Acq: 22 Feb 2018 22:21

Tgt Ion: 77 Resp: 123
Ion Ratio Lower Upper
77 100
182 0.0 1.7 41.7#
105 0.0 3.0 43.0#
51 0.0 9.9 49.9#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

Instrument :

BNA_F

ClientSampleId :

TP-1-6FT

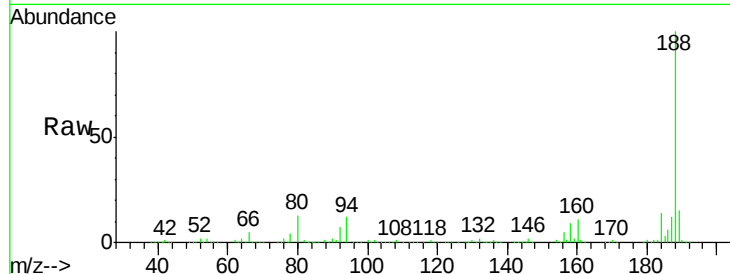
Tot Ion:188 Resp: 357646

Ion Ratio Lower Upper

188 100

94 11.9 8.5 12.7

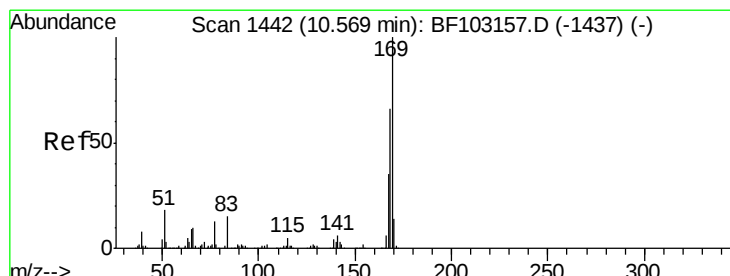
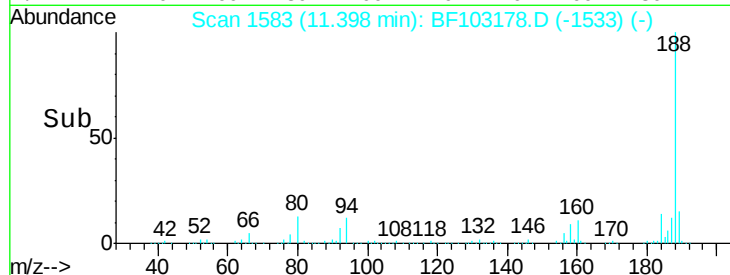
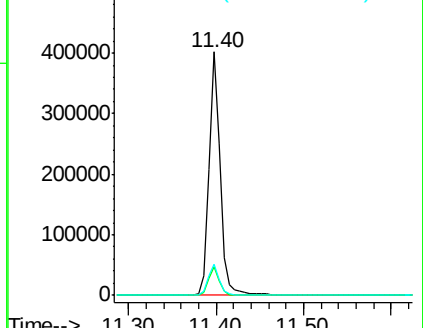
80 12.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

n-Nitrosodiphenylamine

Concen: 0.422 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.13 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

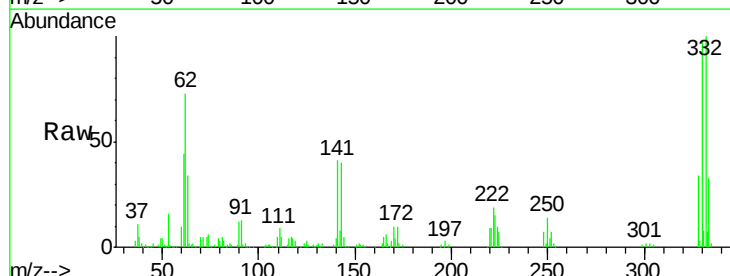
Tgt Ion:169 Resp: 5261

Ion Ratio Lower Upper

169 100

168 9.3 54.4 81.6#

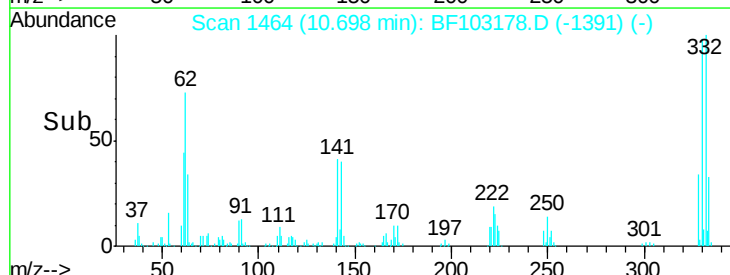
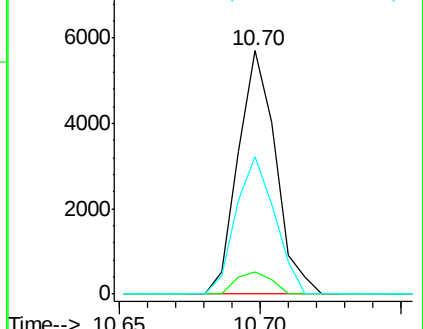
167 56.4 29.8 44.6#

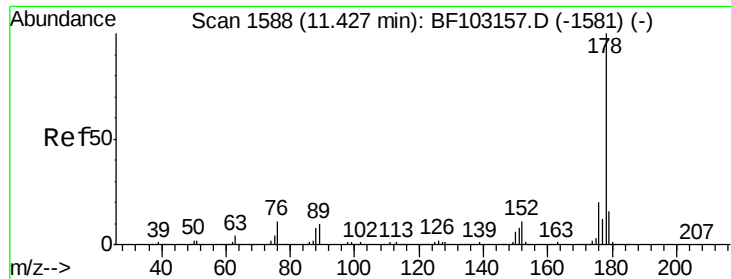


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

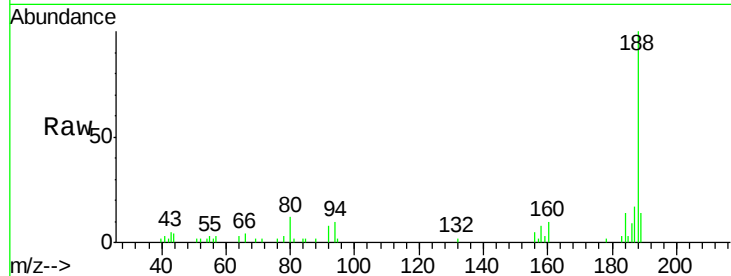




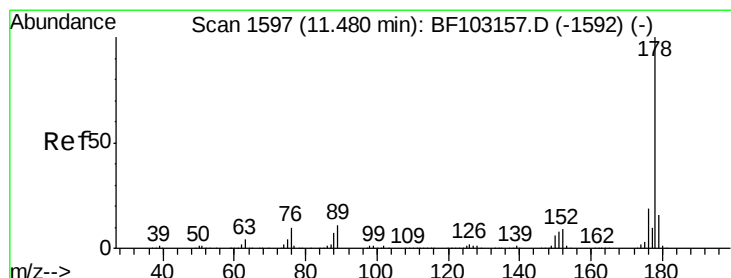
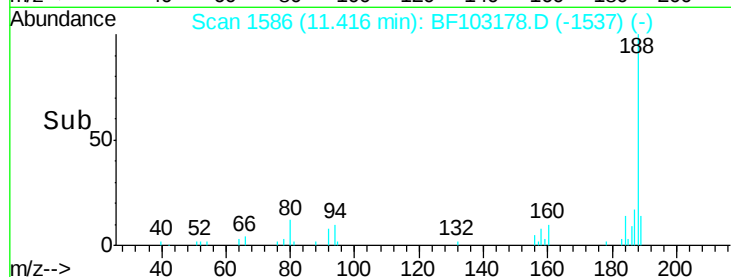
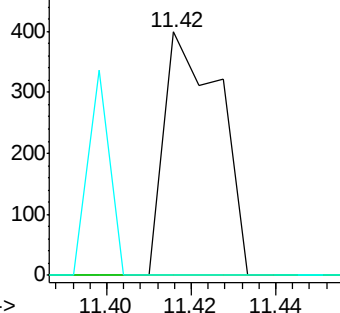
#70
Phenanthrene
Concen: 0.018 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF103178.D
Acq: 22 Feb 2018 22:21

Instrument :
BNA_F
ClientSampleId :
TP-1-6FT

Tot Ion:178 Resp: 364
Ion Ratio Lower Upper
178 100
176 0.0 15.8 23.8#
179 0.0 13.0 19.6#

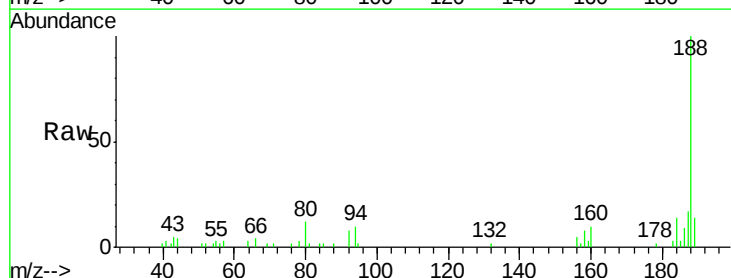


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

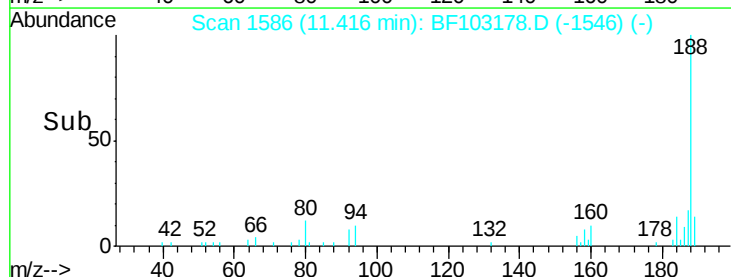
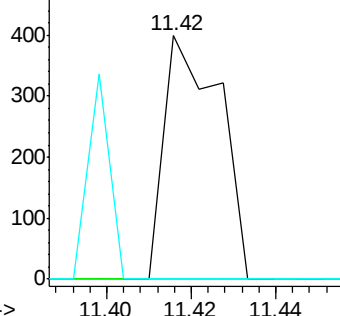


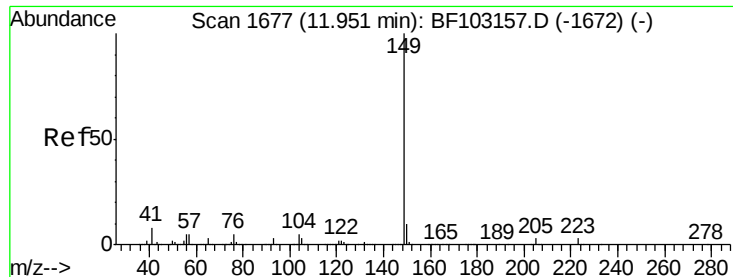
#71
Anthracene
Concen: 0.018 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.06 min
Lab File: BF103178.D
Acq: 22 Feb 2018 22:21

Tgt Ion:178 Resp: 364
Ion Ratio Lower Upper
178 100
176 0.0 15.4 23.2#
179 0.0 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





#73

Di-n-butylphthalate

Concen: 0.056 ng

RT: 11.95 min Scan# 1677

Delta R.T. 0.00 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

Instrument :

BNA_F

ClientSampleId :

TP-1-6FT

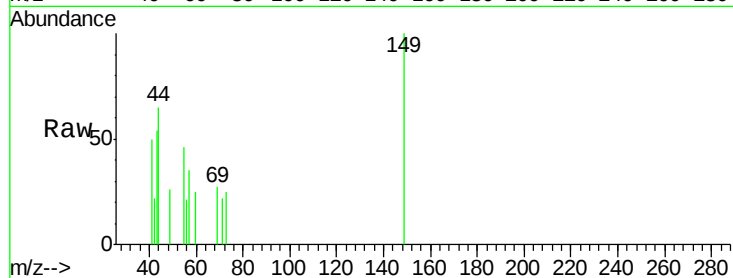
Tot Ion:149 Resp: 1413

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

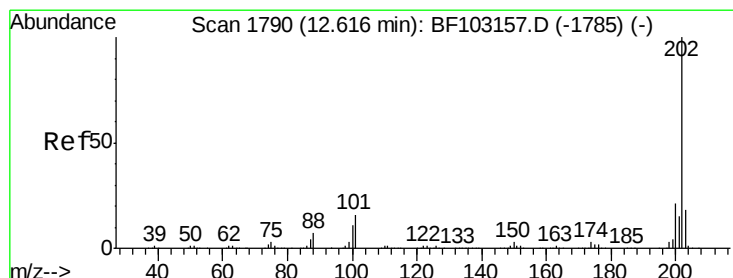
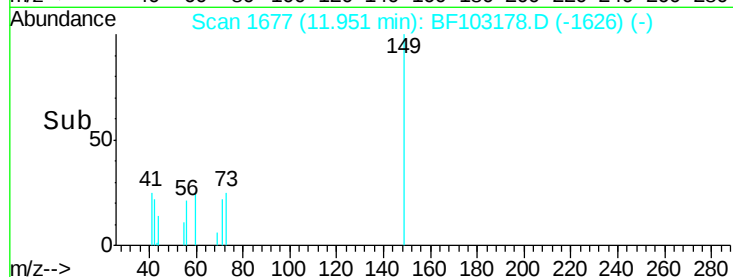
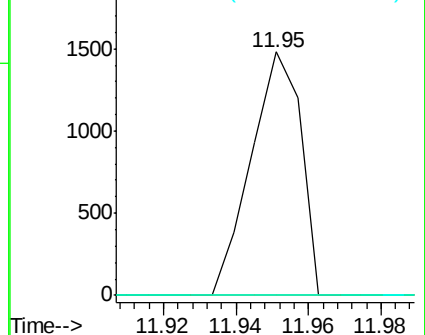
104 0.0 3.8 5.8#



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



#74

Fluoranthene

Concen: 0.006 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

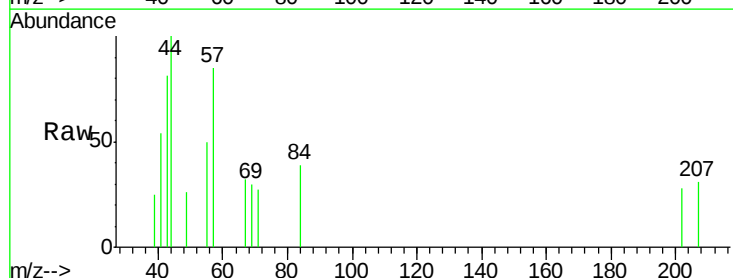
Tgt Ion:202 Resp: 121

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.1

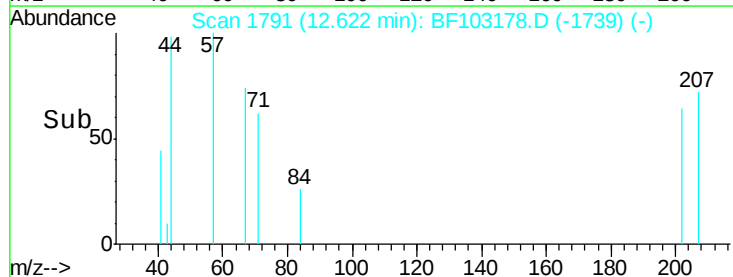
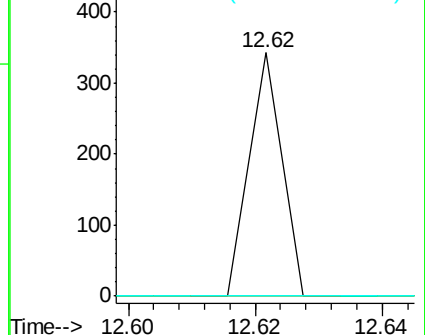
203 0.0 0.0 38.1

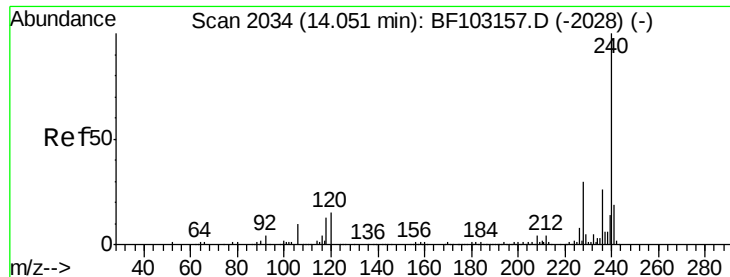


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.05 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

Instrument :

BNA_F

ClientSampleId :

TP-1-6FT

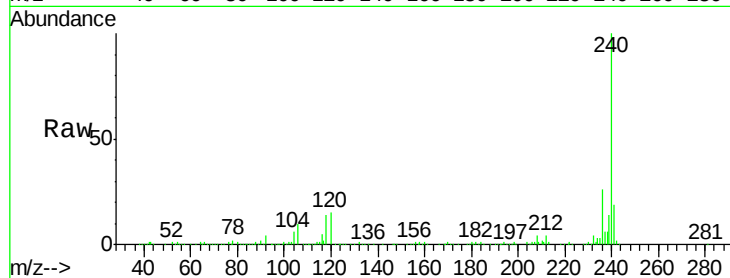
Tot Ion:240 Resp: 298568

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

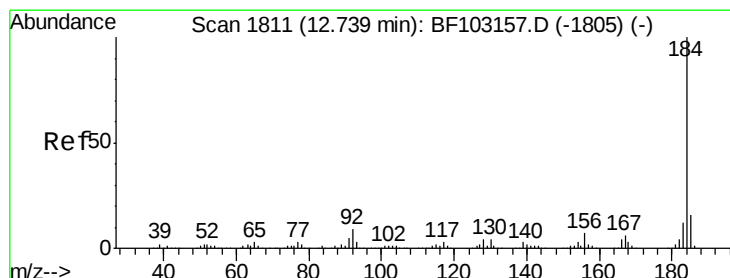
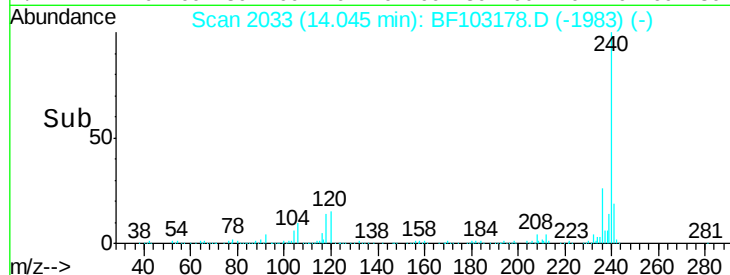
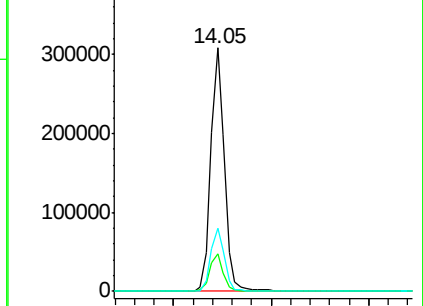
236 25.8 20.7 31.1



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



#76

Benzidine

Concen: 0.034 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.02 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

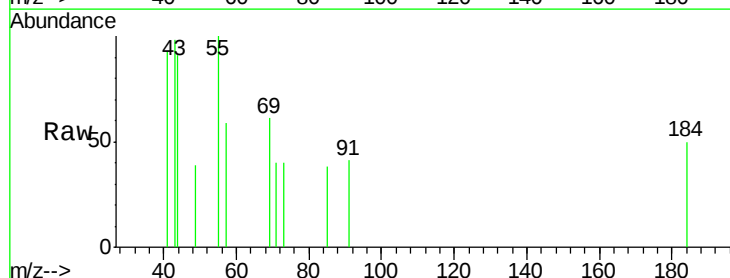
Tgt Ion:184 Resp: 376

Ion Ratio Lower Upper

184 100

185 0.0 12.6 18.8#

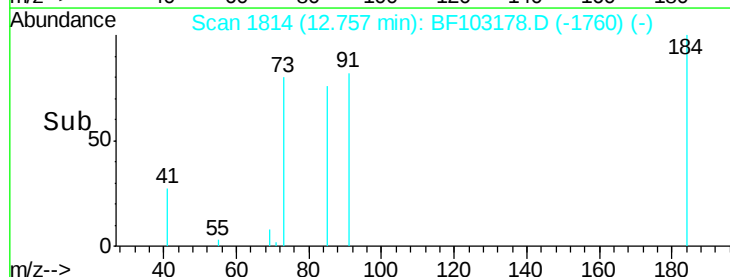
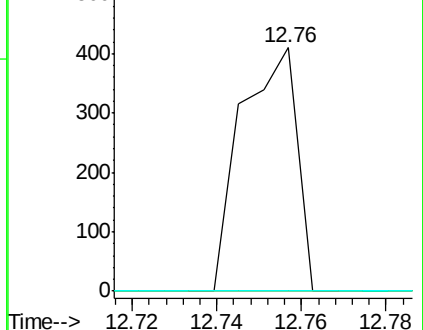
183 0.0 9.3 13.9#

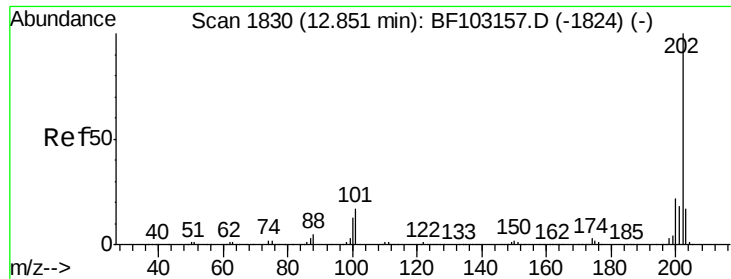


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

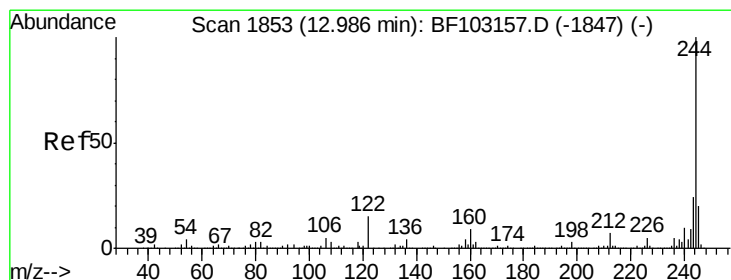
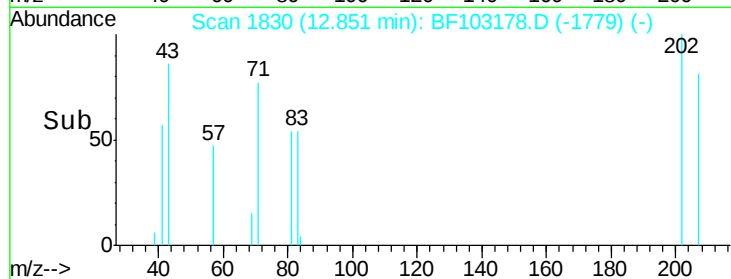
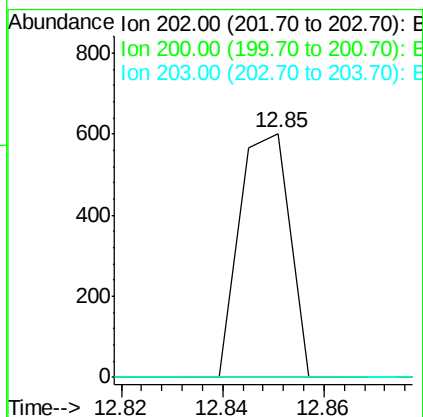
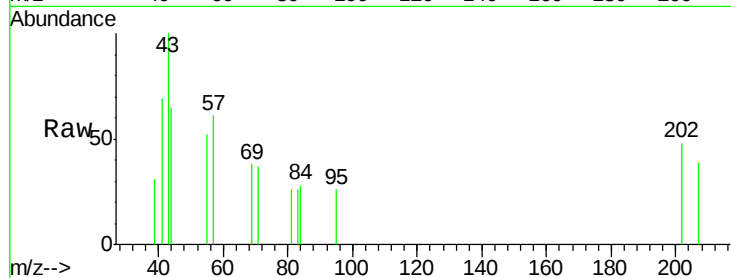




#77
Pvrene
Concen: 0.018 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF103178.D
Acq: 22 Feb 2018 22:21

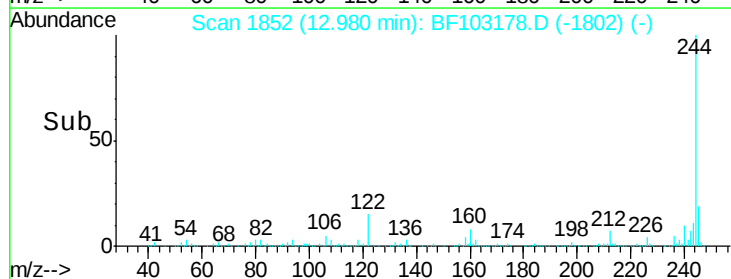
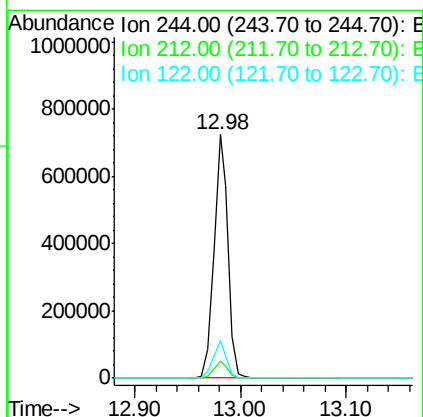
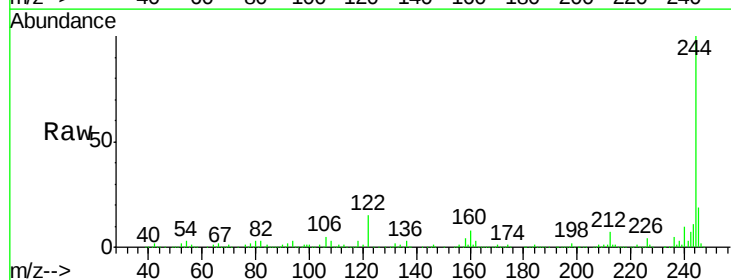
Instrument :
BNA_F
ClientSampleId :
TP-1-6FT

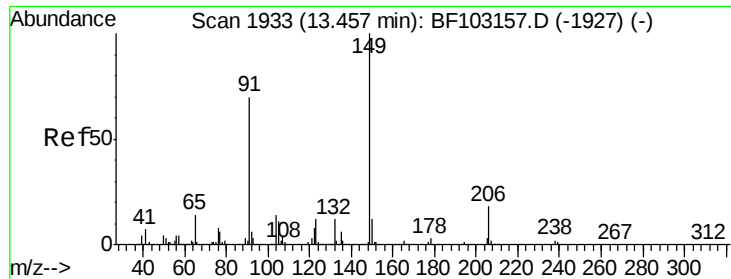
Tot Ion:202 Resp: 412
Ion Ratio Lower Upper
202 100
200 0.0 17.4 26.2#
203 0.0 14.3 21.5#



#78
Terphenyl-d14
Concen: 54.749 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF103178.D
Acq: 22 Feb 2018 22:21

Tgt Ion:244 Resp: 679999
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 15.4 11.0 16.4

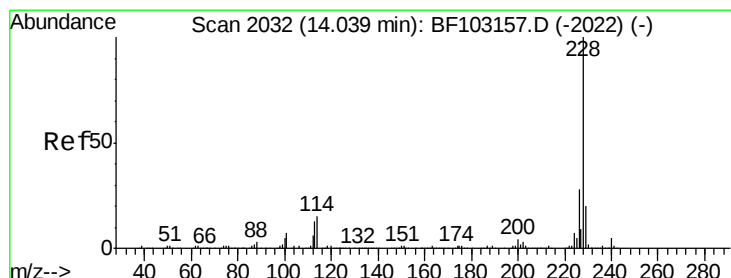
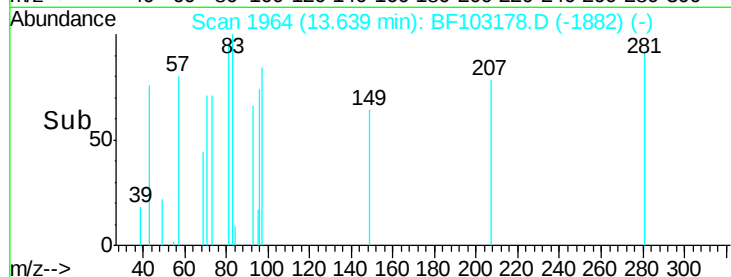
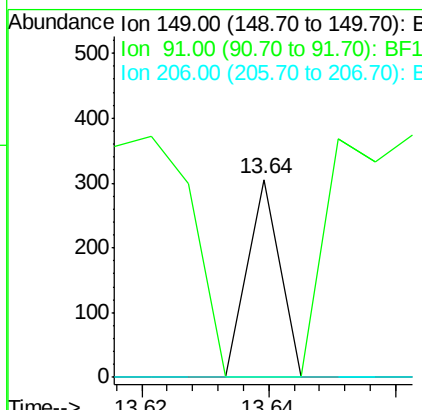
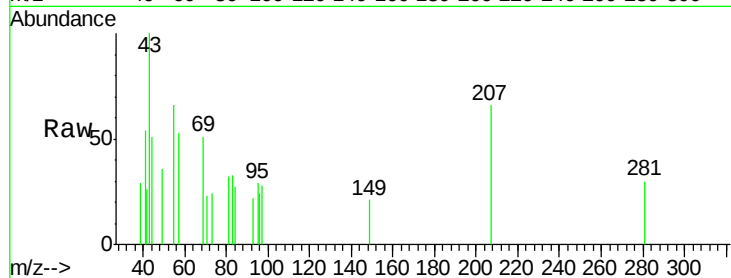




#79
Butylbenzylphthalate
Concen: 0.009 ng
RT: 13.64 min Scan# 1964
Delta R.T. 0.18 min
Lab File: BF103178.D
Acq: 22 Feb 2018 22:21

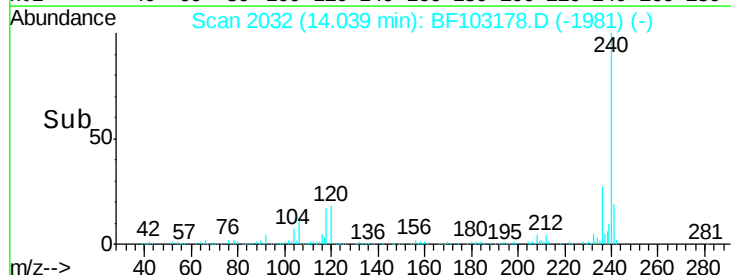
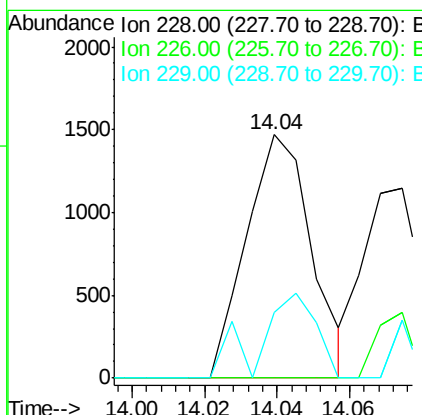
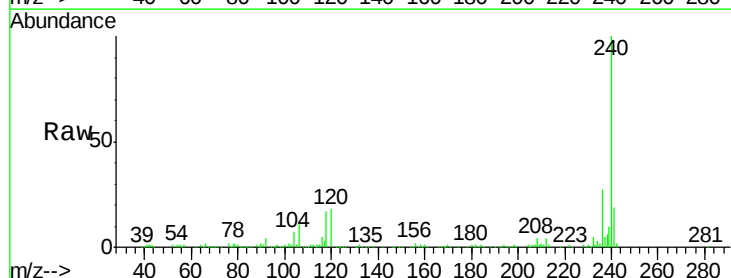
Instrument :
BNA_F
ClientSampleId :
TP-1-6FT

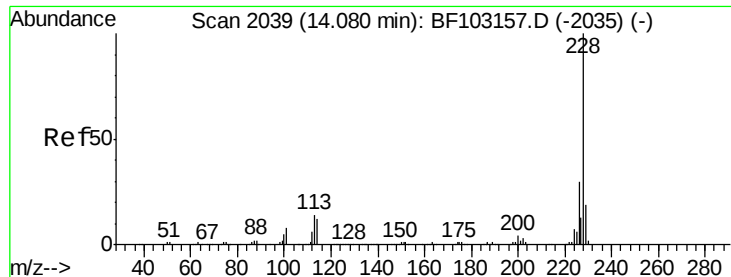
Tot Ion:149 Resp: 108
Ion Ratio Lower Upper
149 100
91 0.0 56.8 85.2#
206 0.0 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 0.095 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF103178.D
Acq: 22 Feb 2018 22:21

Tgt Ion:228 Resp: 1831
Ion Ratio Lower Upper
228 100
226 0.0 22.6 33.8#
229 26.9 15.8 23.6#





#82

Chrysene

Concen: 0.064 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

Instrument :

BNA_F

ClientSampleId :

TP-1-6FT

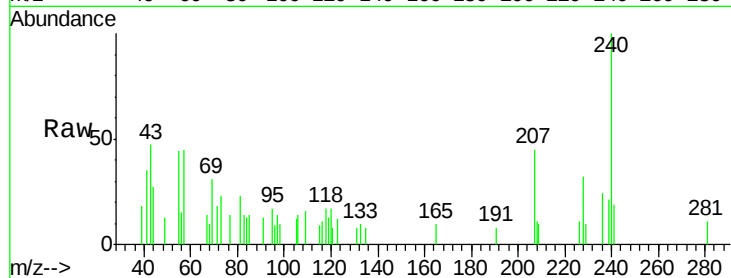
Tot Ion:228 Resp: 1211

Ion Ratio Lower Upper

228 100

226 34.7 25.0 37.6

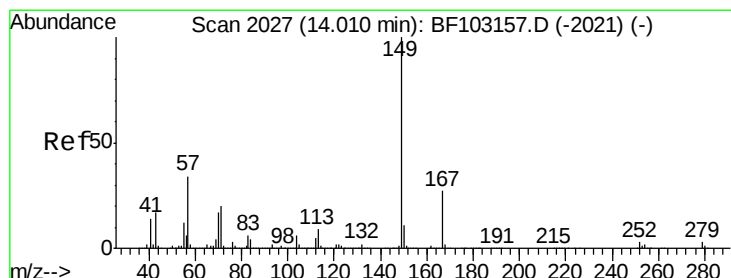
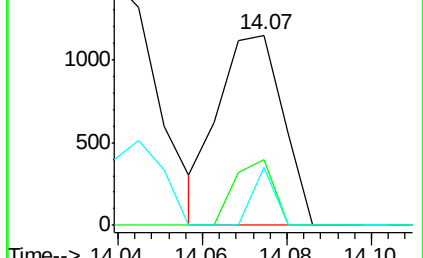
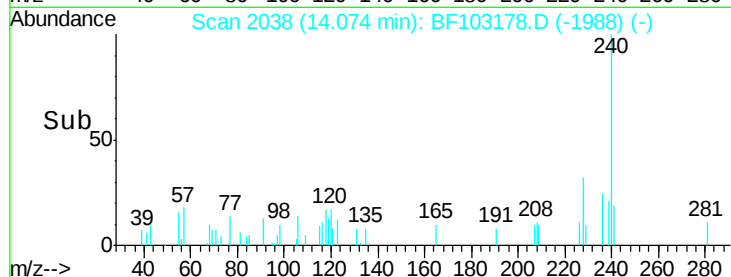
229 30.3 16.2 24.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.294 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

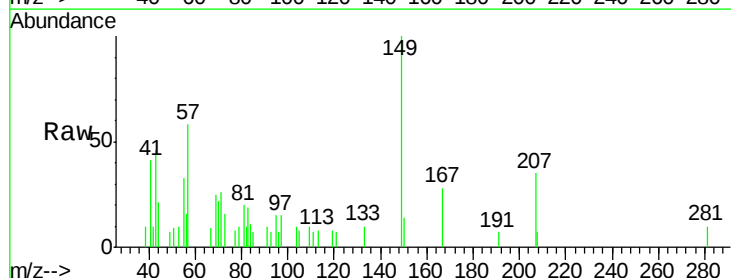
Tgt Ion:149 Resp: 4880

Ion Ratio Lower Upper

149 100

167 27.9 21.3 31.9

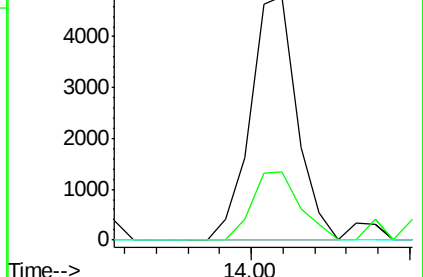
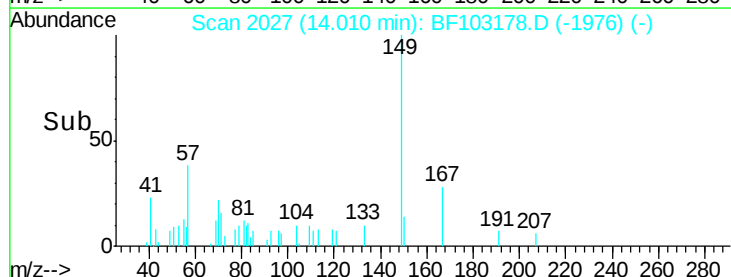
279 0.0 3.0 4.4#

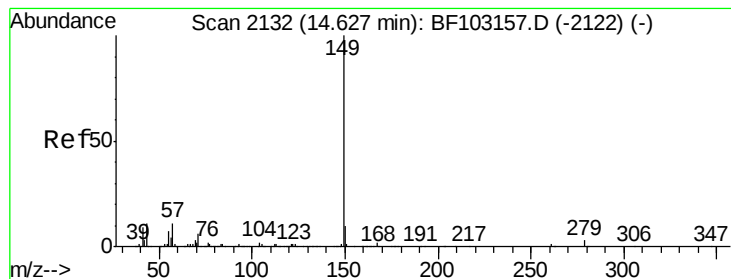


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.093 ng

RT: 14.63 min Scan# 2132

Delta R.T. 0.00 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

Instrument :

BNA_F

ClientSampleId :

TP-1-6FT

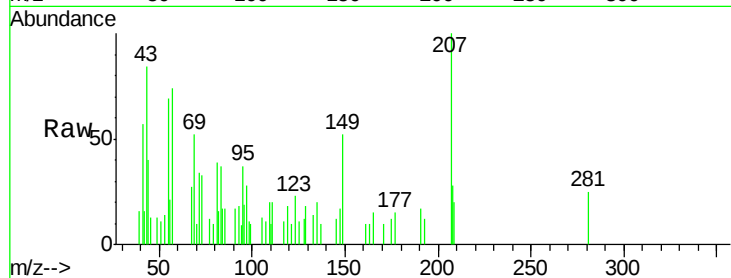
Tot Ion:149 Resp: 2502

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

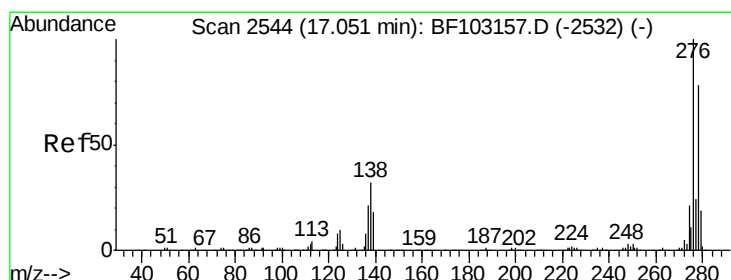
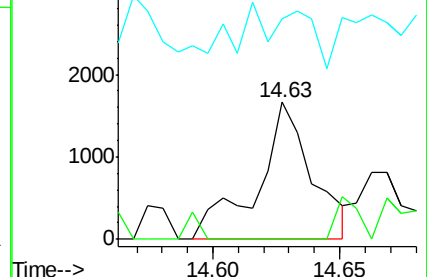
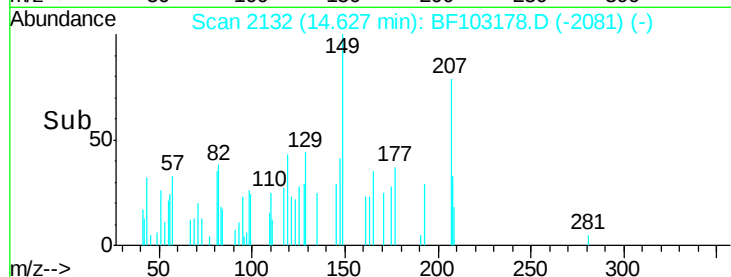
43 16.8 8.4 12.6#



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.160 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.01 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

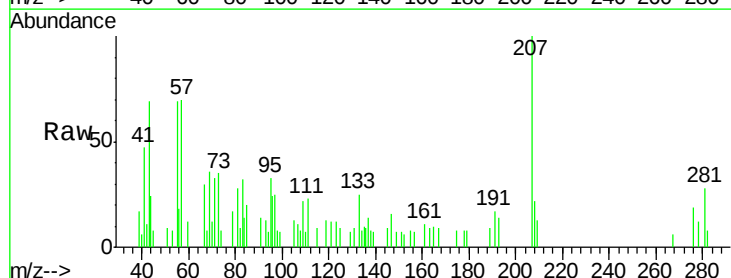
Tgt Ion:276 Resp: 2383

Ion Ratio Lower Upper

276 100

138 37.7 25.0 37.6#

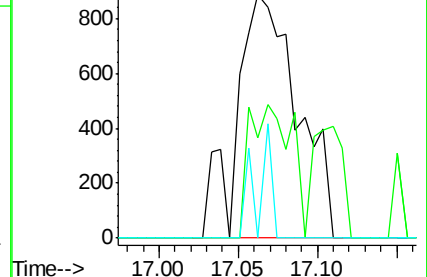
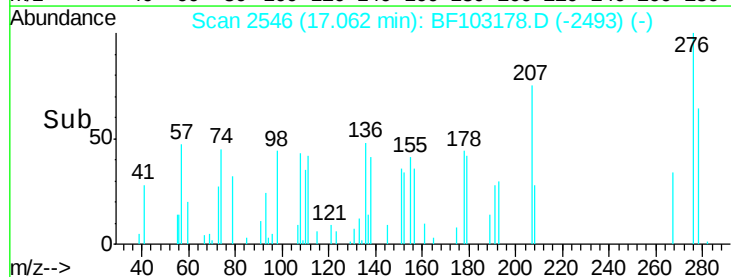
277 4.8 20.1 30.1#

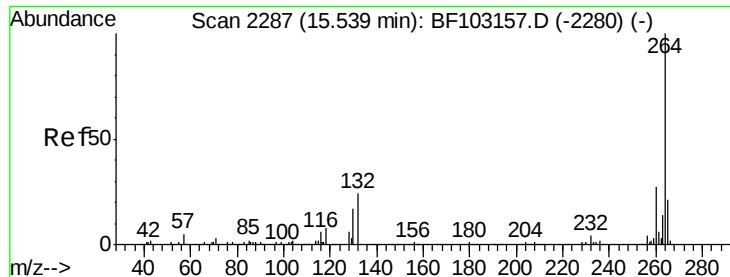


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

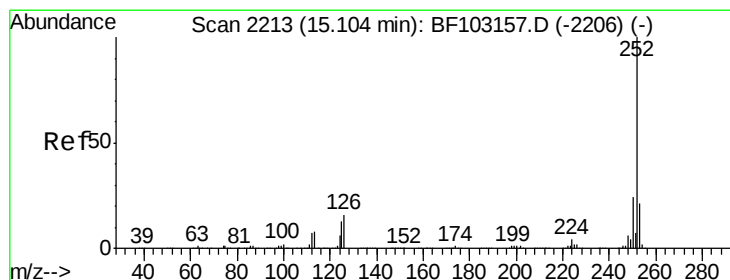
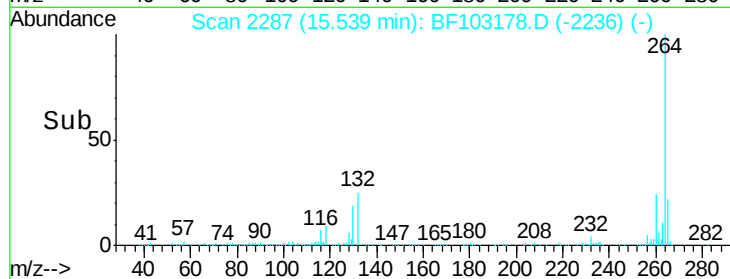
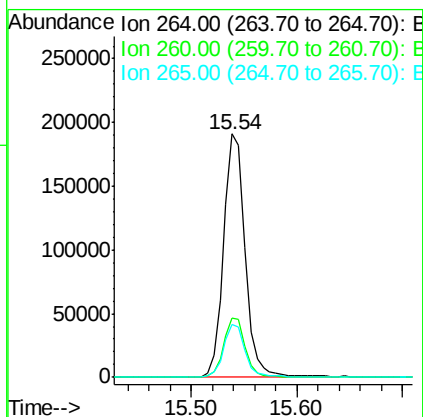
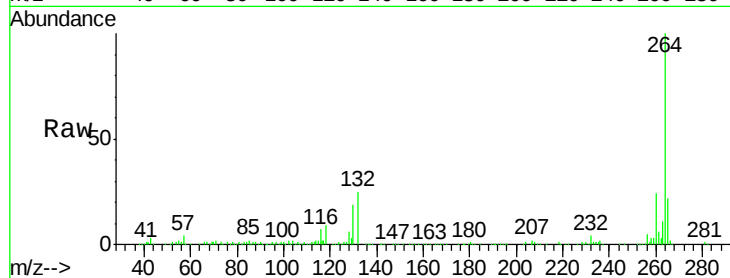




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.00 min
Lab File: BF103178.D
Acq: 22 Feb 2018 22:21

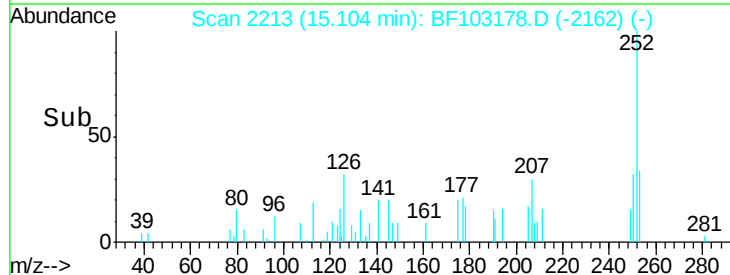
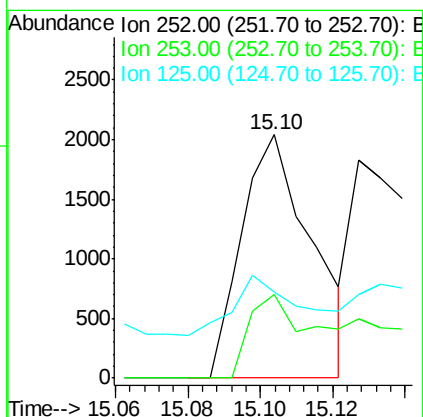
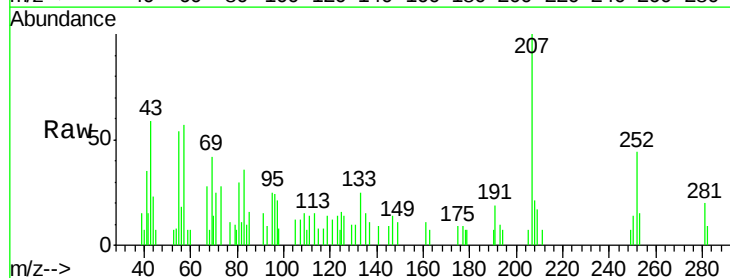
Instrument :
BNA_F
ClientSampleId :
TP-1-6FT

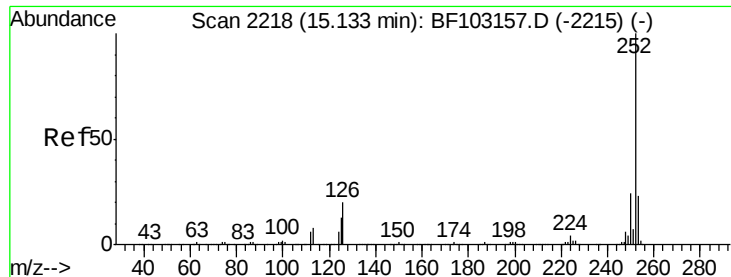
Tot Ion:264 Resp: 272133
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.6 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 0.153 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.00 min
Lab File: BF103178.D
Acq: 22 Feb 2018 22:21

Tgt Ion:252 Resp: 2736
Ion Ratio Lower Upper
252 100
253 34.5 17.0 25.6#
125 35.3 9.0 13.6#





#88

Benzo(k)fluoranthene

Concen: 0.145 ng

RT: 15.13 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

Instrument :

BNA_F

ClientSampled :

TP-1-6FT

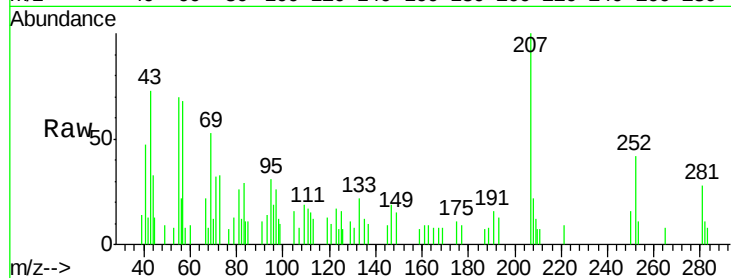
Tot Ion:252 Resp: 2436

Ion Ratio Lower Upper

252 100

253 27.2 17.9 26.9#

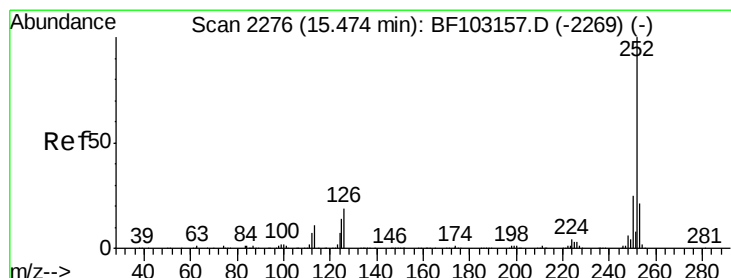
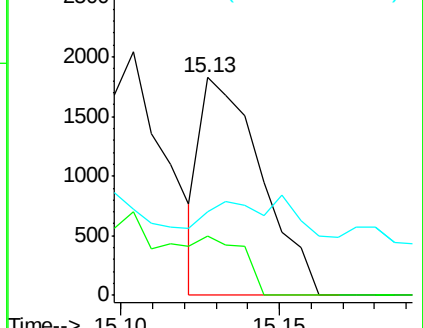
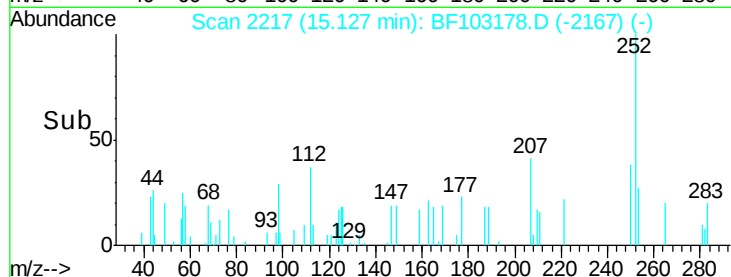
125 38.4 10.2 15.2#



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



#89

Benzo(a)pyrene

Concen: 0.105 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

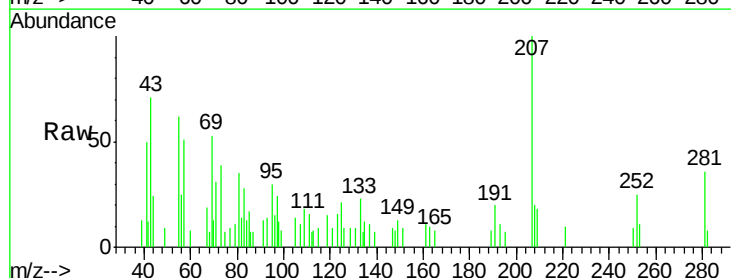
Tgt Ion:252 Resp: 1683

Ion Ratio Lower Upper

252 100

253 44.8 17.1 25.7#

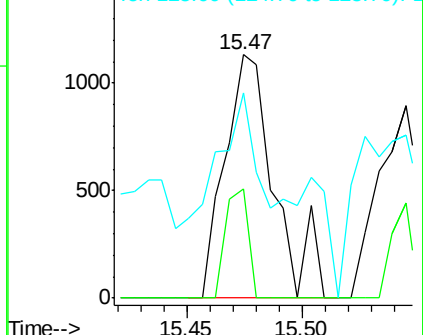
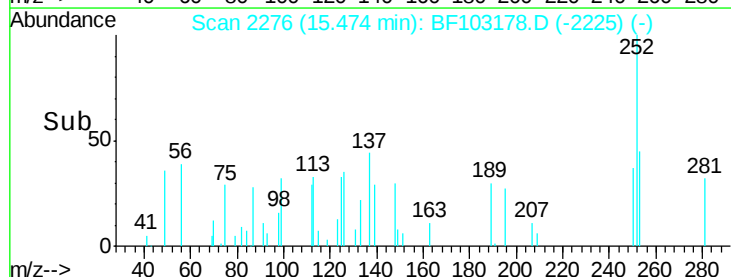
125 84.0 9.8 14.6#

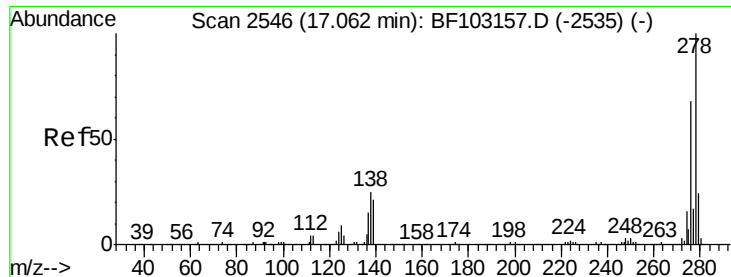


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.122 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.02 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

Instrument :

BNA_F

ClientSampleId :

TP-1-6FT

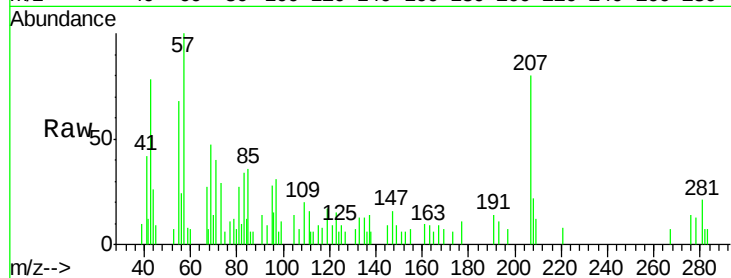
Tot Ion:278 Resp: 1510

Ion Ratio Lower Upper

278 100

139 0.0 15.9 23.9#

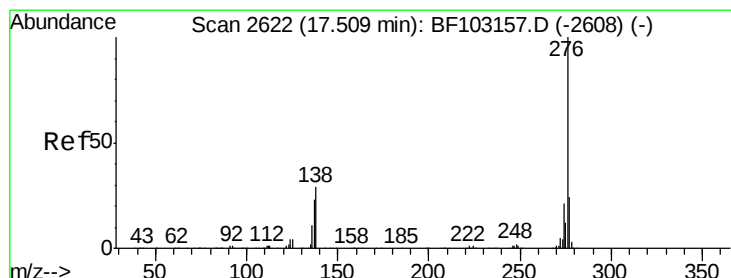
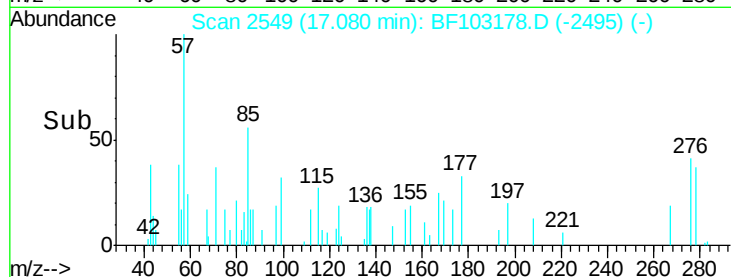
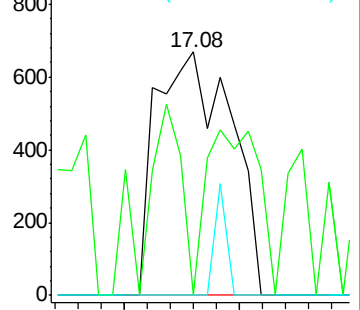
279 0.0 19.0 28.4#



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: 0.160 ng

RT: 17.53 min Scan# 2626

Delta R.T. 0.02 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

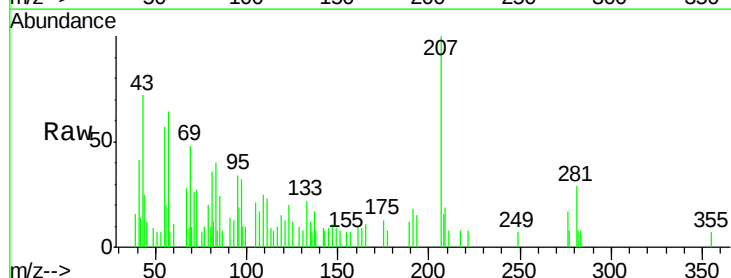
Tgt Ion:276 Resp: 1935

Ion Ratio Lower Upper

276 100

277 47.2 17.9 26.9#

138 46.9 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

