

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031218\
 Data File : BF103576.D
 Acq On : 12 Mar 2018 12:39
 Operator : SJ/JU
 Sample : J1870-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-08-12

Quant Time: Mar 12 13:52:23 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	149028	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	625024	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	255439	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	392941	20.00	ng	0.00
75) Chrysene-d12	14.06	240	218753	20.00	ng	0.00
86) Perylene-d12	15.57	264	216257	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	876865	88.99	ng	0.01
7) Phenol-d6	6.50	99	1118956	92.80	ng	0.00
23) Nitrobenzene-d5	7.43	82	682412	62.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	147856	68.38	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	905557	56.18	ng	0.00
78) Terphenyl-d14	12.98	244	564793	62.06	ng	0.00

Target Compounds

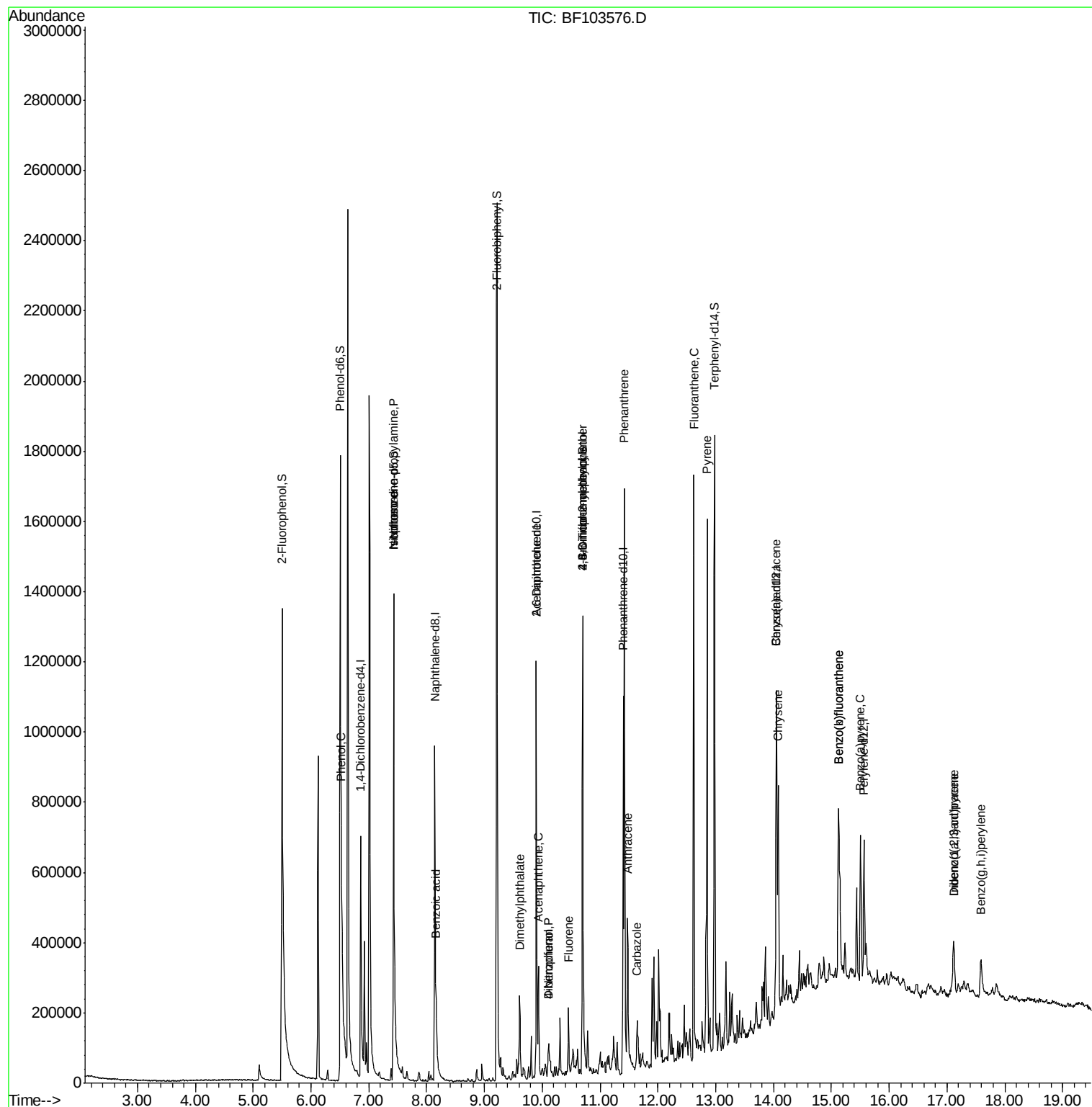
					Qvalue	
9) Benzaldehyde	6.50	77	2274	Below Cal	#	1
10) Phenol	6.53	94	30343	2.168 ng	#	15
19) n-Nitroso-di-n-propylamine	7.43	70	89126	11.877 ng	#	84
25) Isophorone	7.43	82	682412	31.659 ng	#	64
32) Benzoic acid	8.16	122	116	6.929 ng	#	1
49) Dimethylphthalate	9.61	163	100191	4.889 ng		100
50) 2,6-Dinitrotoluene	9.90	165	33439	7.776 ng	#	26
51) Acenaphthene	9.93	154	64276	4.231 ng		99
54) Dibenzofuran	10.11	168	44775	2.147 ng	#	88
55) 4-Nitrophenol	10.11	139	18913	5.593 ng	#	11
57) Fluorene	10.45	166	64856	3.651 ng		99
64) 4,6-Dinitro-2-methylphenol	10.70	198	290	5.054 ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	10582	2.585 ng	#	1
70) Phenanthrene	11.42	178	624167	28.864 ng		99
71) Anthracene	11.47	178	216348	9.756 ng		98
72) Carbazole	11.65	167	61696	2.794 ng		98
74) Fluoranthene	12.62	202	723201	33.280 ng		99
77) Pyrene	12.85	202	648148	38.003 ng		99
80) Benzo(a)anthracene	14.04	228	293910	20.707 ng		98
82) Chrysene	14.08	228	256925	18.643 ng		98
85) Indeno(1,2,3-cd)pyrene	17.12	276	116400	10.669 ng		94
87) Benzo(b)fluoranthene	15.13	252	409718	28.815 ng	#	94
88) Benzo(k)fluoranthene	15.13	252	409718	30.601 ng		97
89) Benzo(a)pyrene	15.50	252	227021	17.879 ng	#	94
90) Dibenzo(a,h)anthracene	17.12	278	27685	2.822 ng	#	78
91) Benzo(g,h,i)perylene	17.59	276	103321	10.775 ng		93

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

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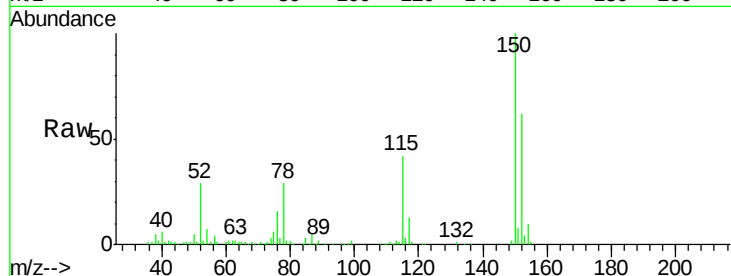


#1

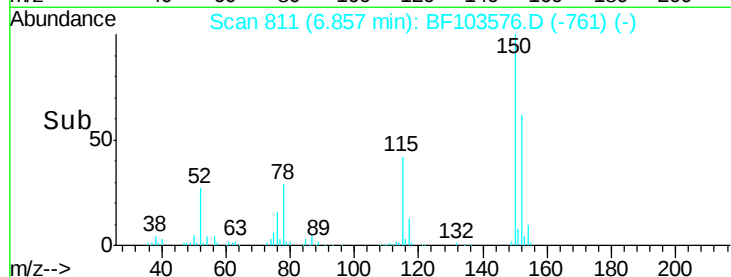
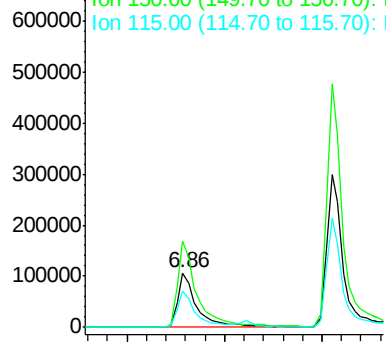
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103576.D
Acq: 12 Mar 2018 12:39

Instrument :
BNA_F
ClientSampleId :
SB-10-08-12

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.6	186.8
115	66.5	50.1	75.1



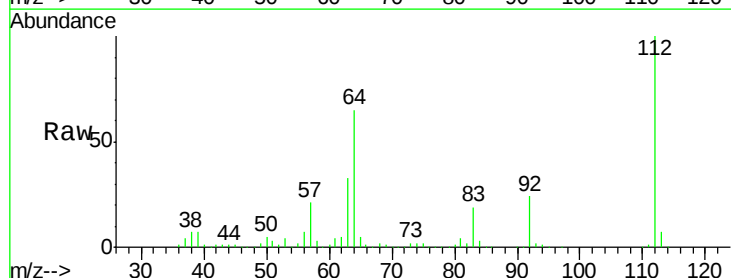
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



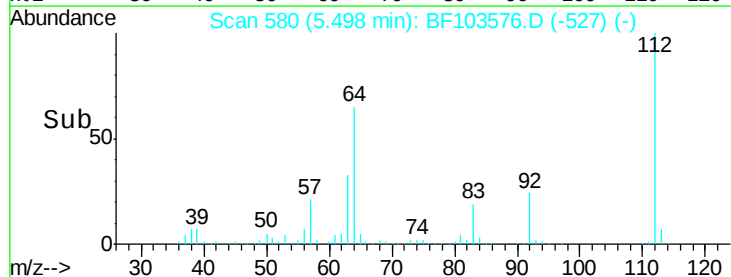
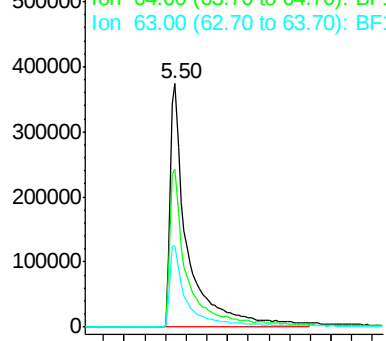
#5

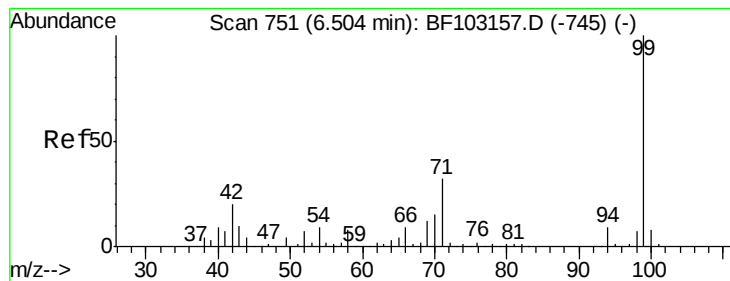
2-Fluorophenol
Concen: 88.990 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103576.D
Acq: 12 Mar 2018 12:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	47.9	71.9
63	33.1	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: 92.803 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103576.D

Acq: 12 Mar 2018 12:39

Instrument :

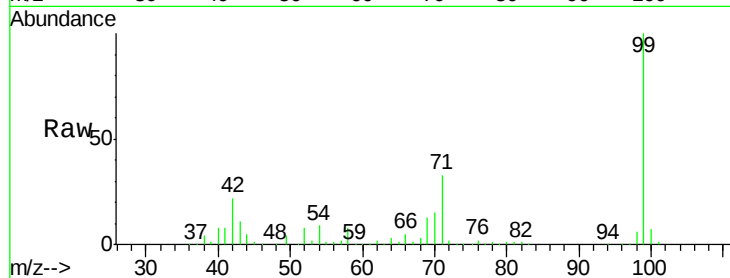
BNA_F

ClientSampleId :

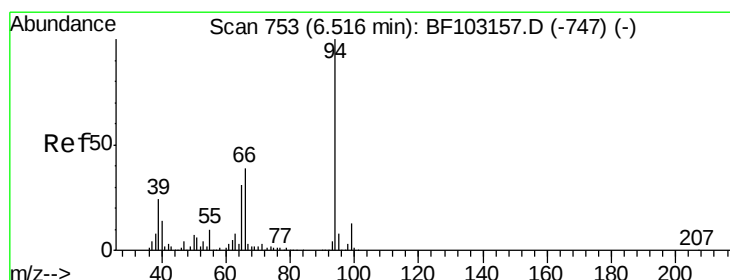
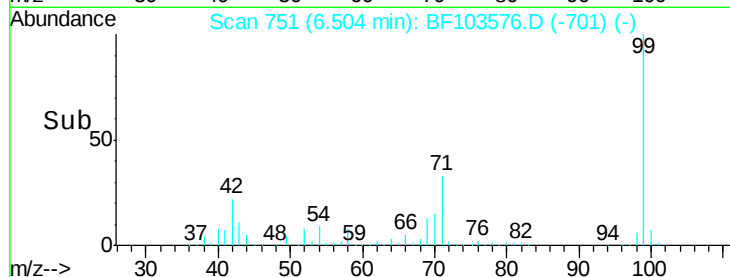
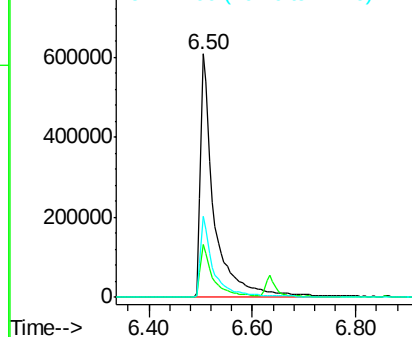
SB-10-08-12

Tgt Ion: 99 Resp: 1118956

Ion	Ratio	Lower	Upper
99	100		
42	22.0	14.5	21.7#
71	33.4	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



#10

Phenol

Concen: 2.168 ng

RT: 6.53 min Scan# 755

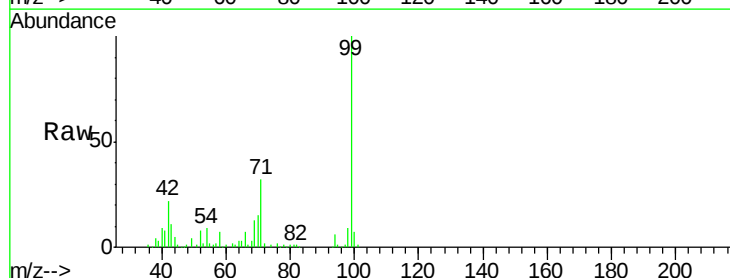
Delta R.T. 0.01 min

Lab File: BF103576.D

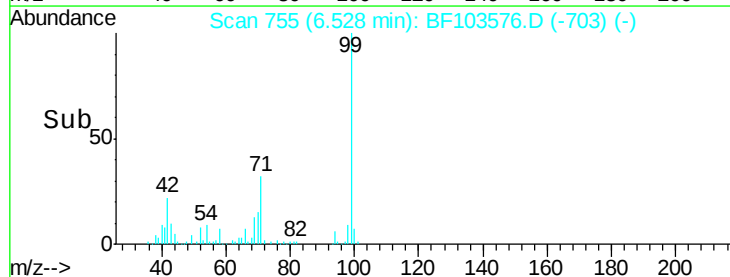
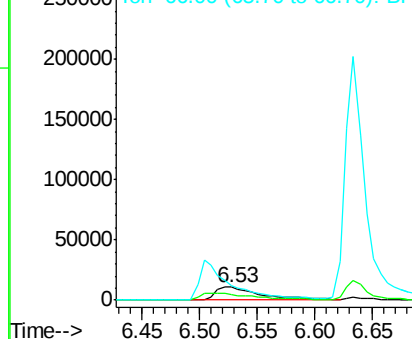
Acq: 12 Mar 2018 12:39

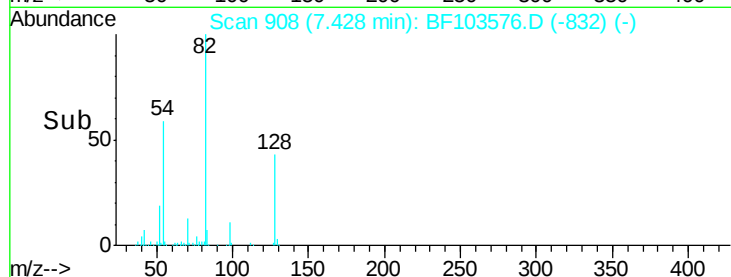
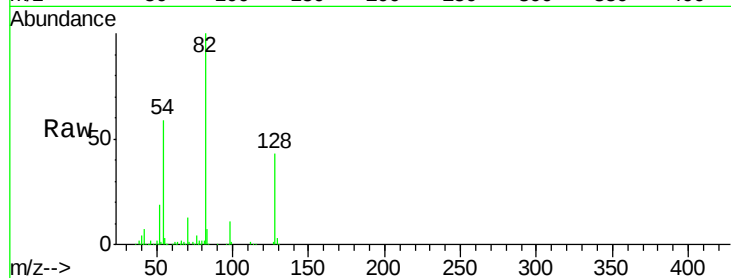
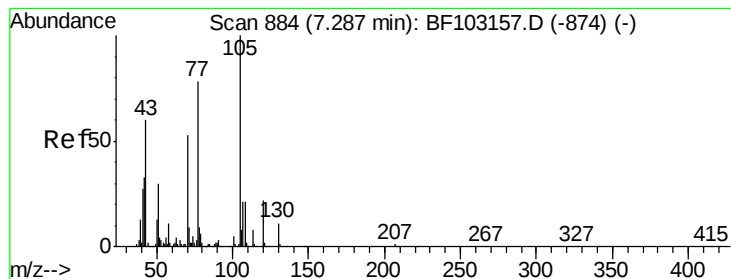
Tgt Ion: 94 Resp: 30343

Ion	Ratio	Lower	Upper
94	100		
65	43.4	7.9	47.9
66	111.7	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: 11.877 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.15 min

Lab File: BF103576.D

Acq: 12 Mar 2018 12:39

Instrument :

BNA_F

ClientSampleId :

SB-10-08-12

Tgt Ion: 70 Resp: 89126

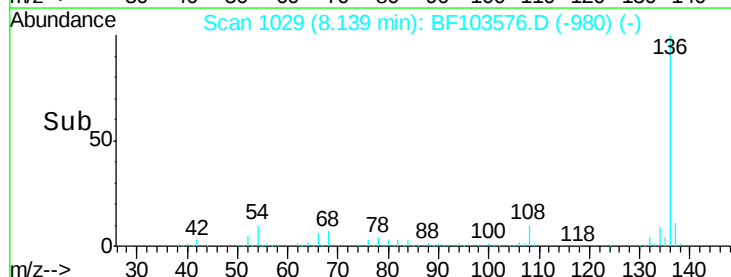
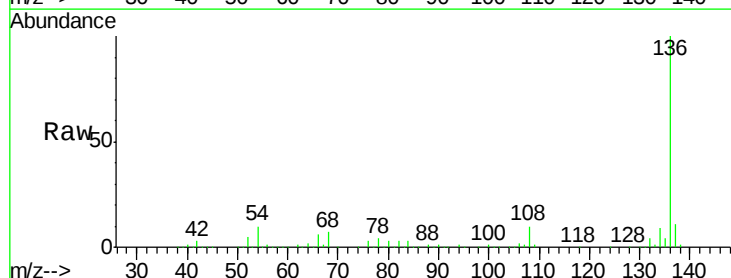
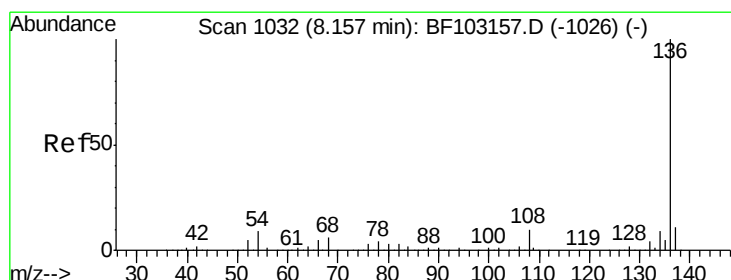
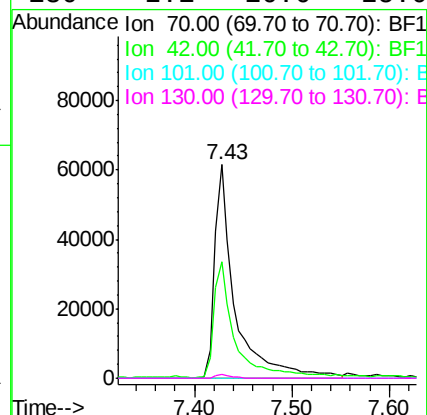
Ion Ratio Lower Upper

70 100

42 54.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF103576.D

Acq: 12 Mar 2018 12:39

Tgt Ion: 136 Resp: 625024

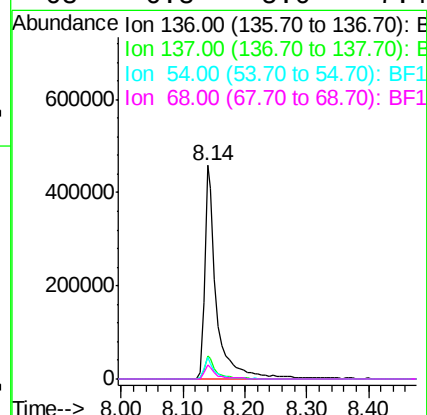
Ion Ratio Lower Upper

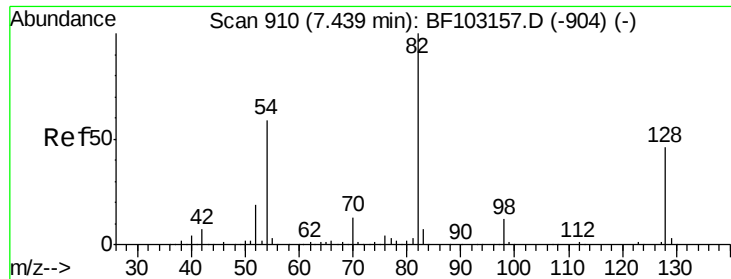
136 100

137 10.7 8.9 13.3

54 10.0 6.6 9.8#

68 6.8 5.0 7.4

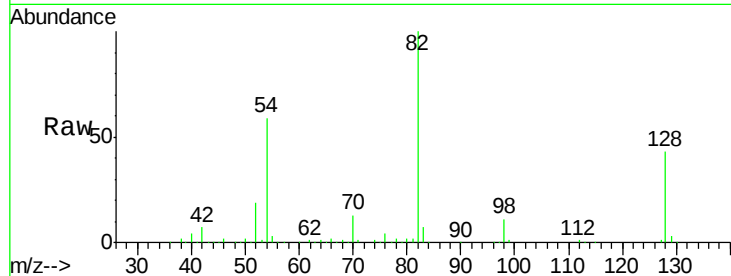




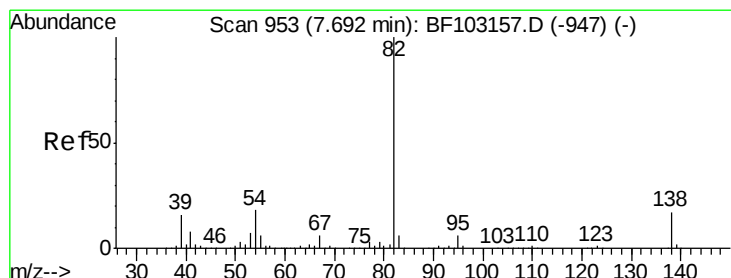
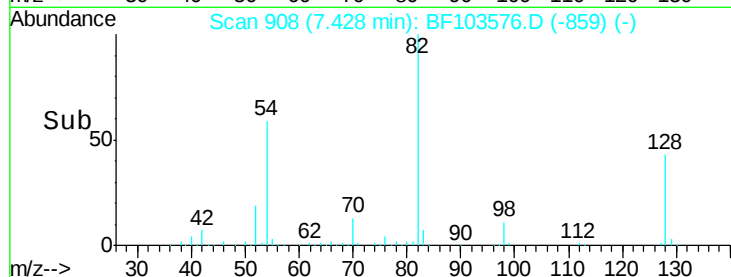
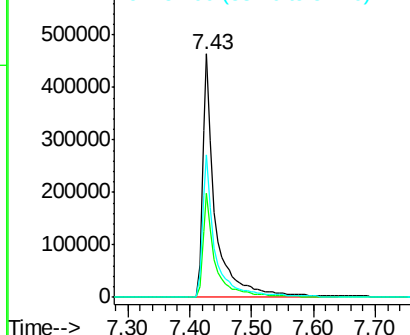
#23
Nitrobenzene-d5
Concen: 62.352 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103576.D
Acq: 12 Mar 2018 12:39

Instrument :
BNA_F
ClientSampleId :
SB-10-08-12

Tgt Ion: 82 Resp: 682412
Ion Ratio Lower Upper
82 100
128 42.6 36.1 54.1
54 58.7 41.4 62.2

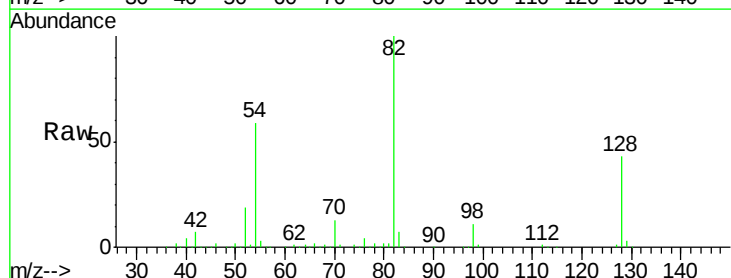


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

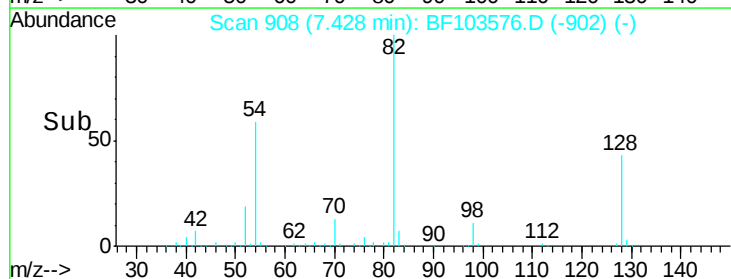
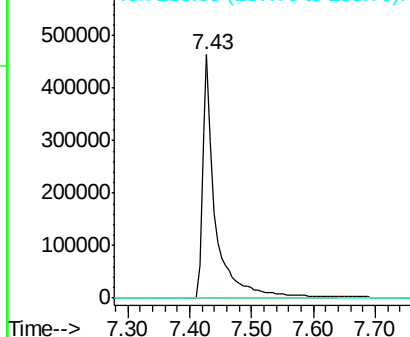


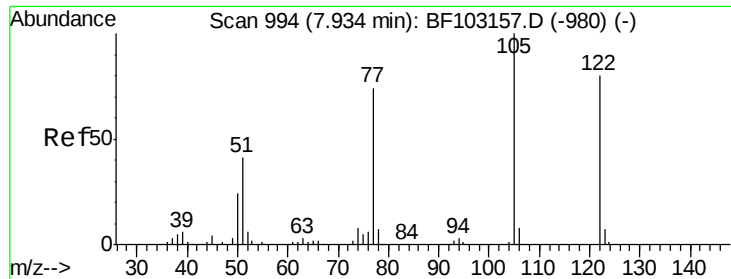
#25
Isophorone
Concen: 31.659 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF103576.D
Acq: 12 Mar 2018 12:39

Tgt Ion: 82 Resp: 682412
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

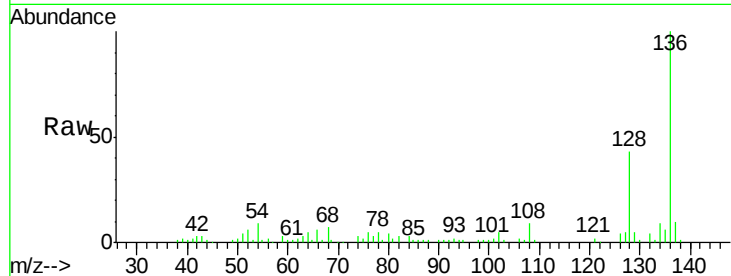




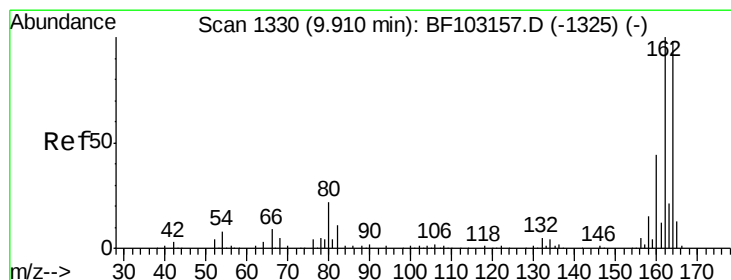
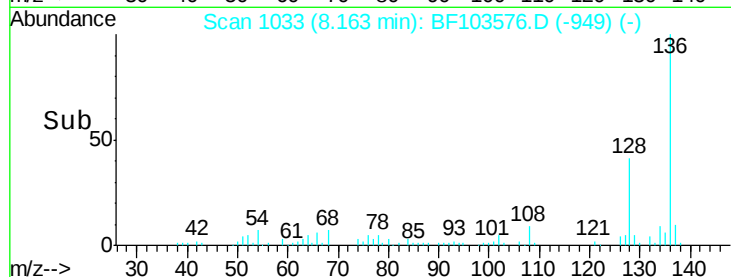
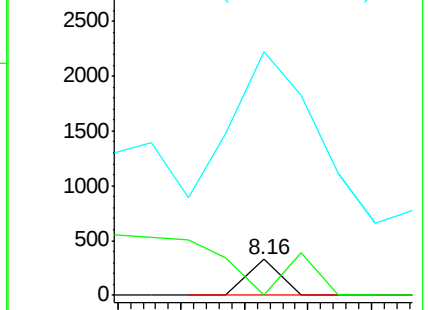
#32
Benzoic acid
Concen: 6.929 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.19 min
Lab File: BF103576.D
Acq: 12 Mar 2018 12:39

Instrument :
BNA_F
ClientSampleId :
SB-10-08-12

Tgt Ion:122 Resp: 116
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 677.4 70.7 110.7#

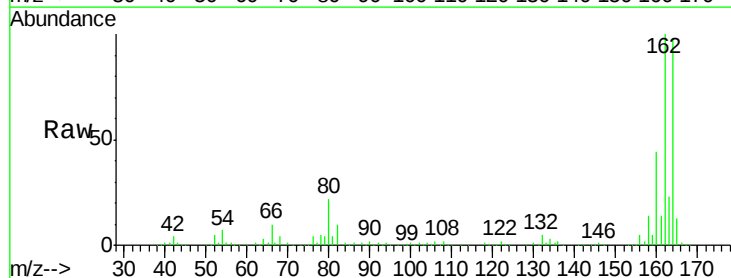


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

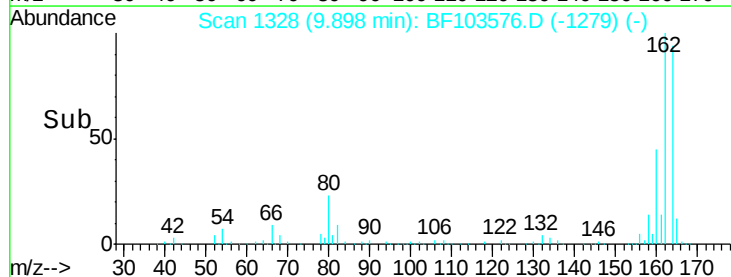
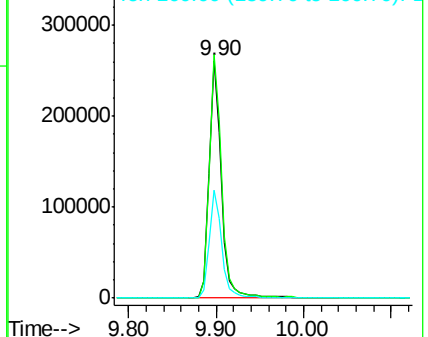


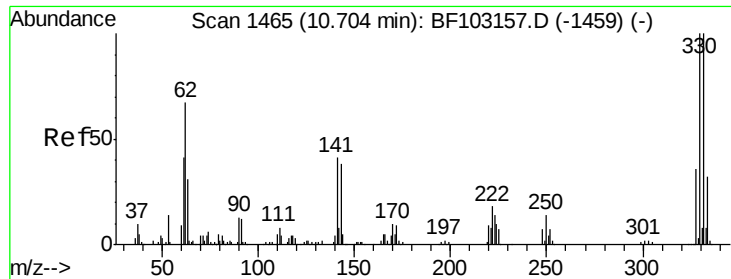
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF103576.D
Acq: 12 Mar 2018 12:39

Tgt Ion:164 Resp: 255439
Ion Ratio Lower Upper
164 100
162 102.4 86.1 129.1
160 45.5 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

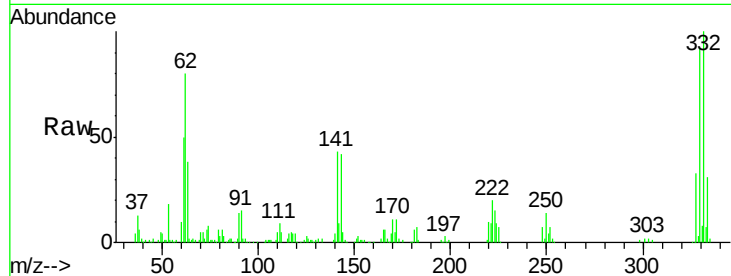




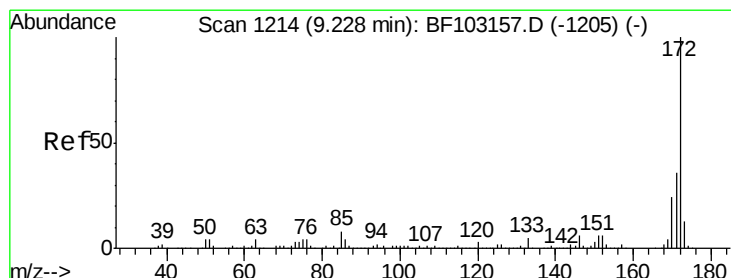
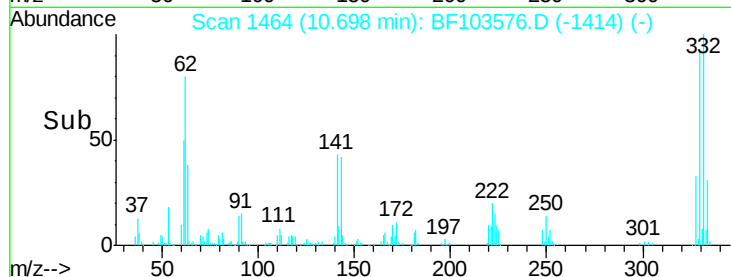
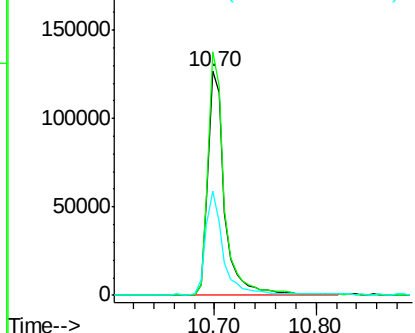
#41
 2,4,6-Tribromophenol
 Concen: 68.384 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103576.D
 Acq: 12 Mar 2018 12:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-08-12

Tgt Ion:330 Resp: 147856
 Ion Ratio Lower Upper
 330 100
 332 105.8 77.0 115.6
 141 48.7 29.9 44.9#

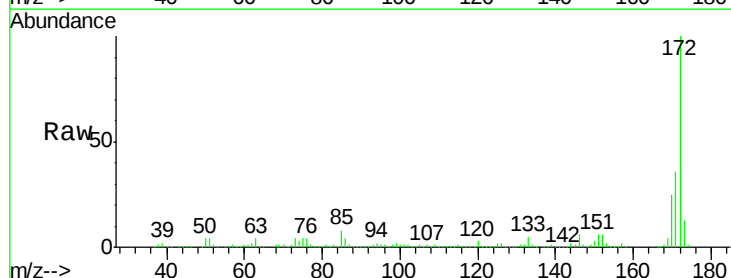


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

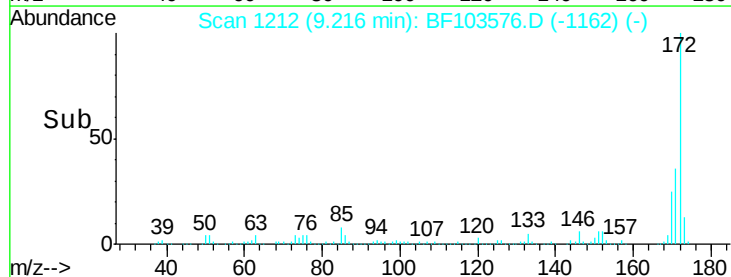
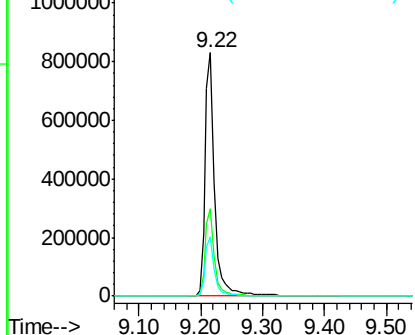


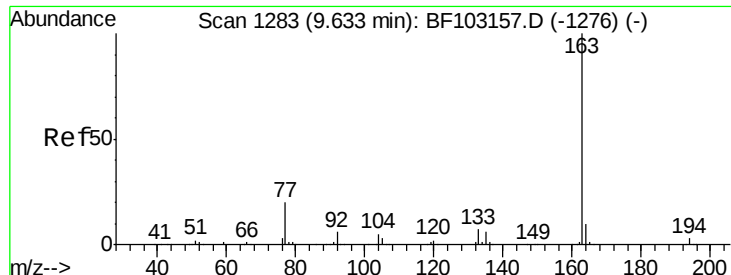
#44
 2-Fluorobiphenyl
 Concen: 56.179 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF103576.D
 Acq: 12 Mar 2018 12:39

Tgt Ion:172 Resp: 905557
 Ion Ratio Lower Upper
 172 100
 171 36.1 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

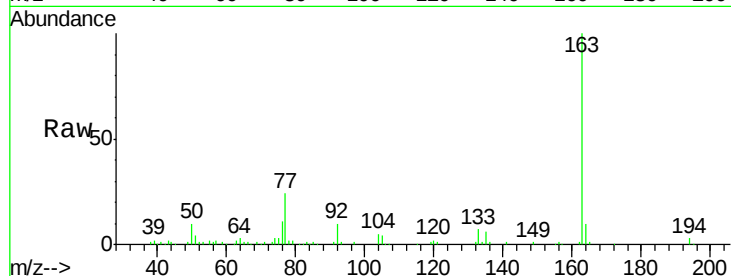




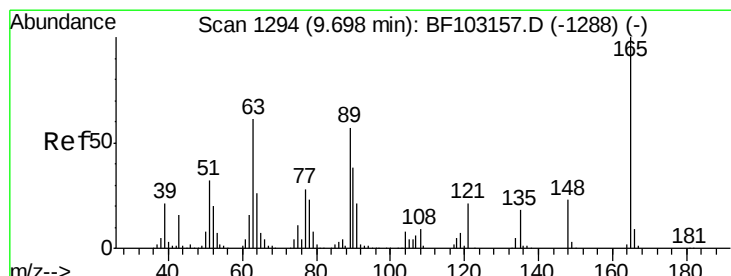
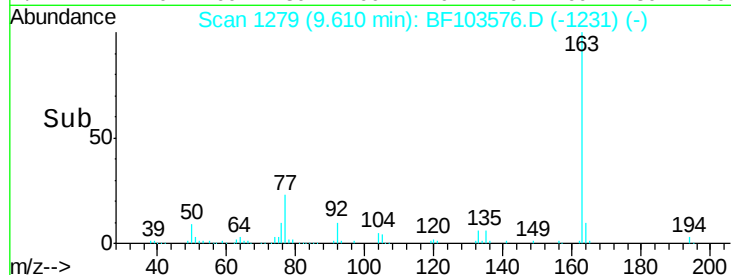
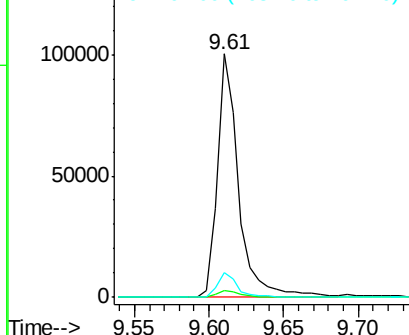
#49
Dimethylphthalate
Concen: 4.889 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF103576.D
Acq: 12 Mar 2018 12:39

Instrument :
BNA_F
ClientSampleId :
SB-10-08-12

Tgt Ion:163 Resp: 100191
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 10.1 8.2 12.2

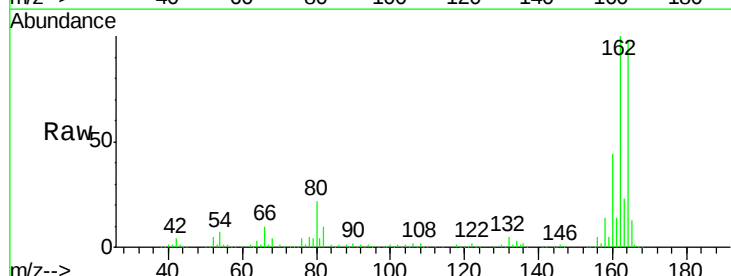


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

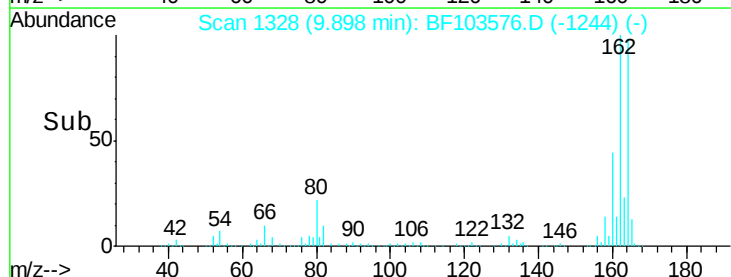
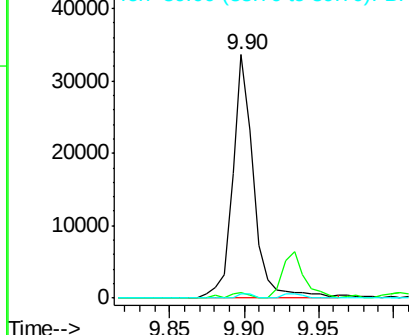


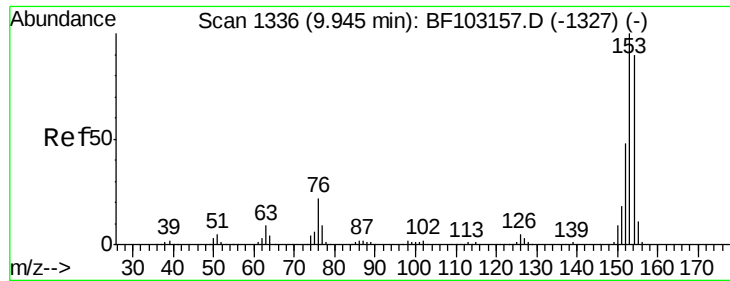
#50
2,6-Dinitrotoluene
Concen: 7.776 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.19 min
Lab File: BF103576.D
Acq: 12 Mar 2018 12:39

Tgt Ion:165 Resp: 33439
Ion Ratio Lower Upper
165 100
63 2.2 44.7 67.1#
89 1.8 44.0 66.0#



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





#51

Acenaphthene

Concen: 4.231 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF103576.D

Acq: 12 Mar 2018 12:39

Instrument :

BNA_F

ClientSampleId :

SB-10-08-12

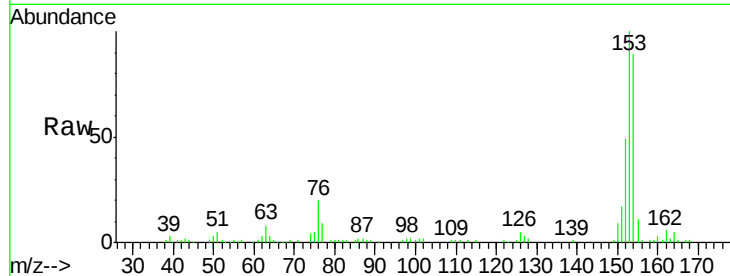
Tgt Ion:154 Resp: 64276

Ion Ratio Lower Upper

154 100

153 112.8 91.2 136.8

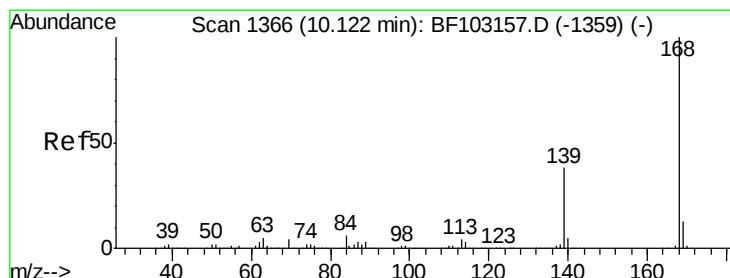
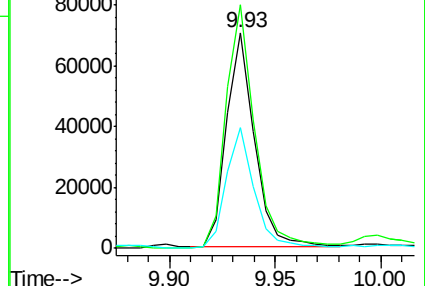
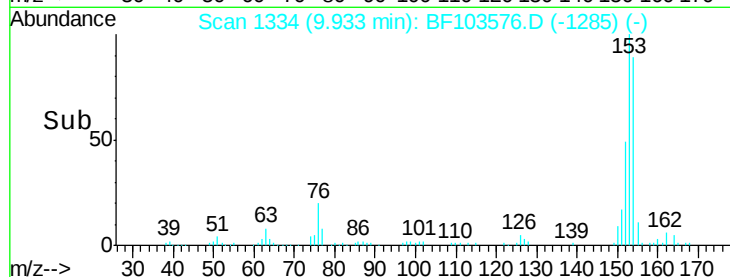
152 55.8 43.8 65.8



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



#54

Dibenzofuran

Concen: 2.147 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF103576.D

Acq: 12 Mar 2018 12:39

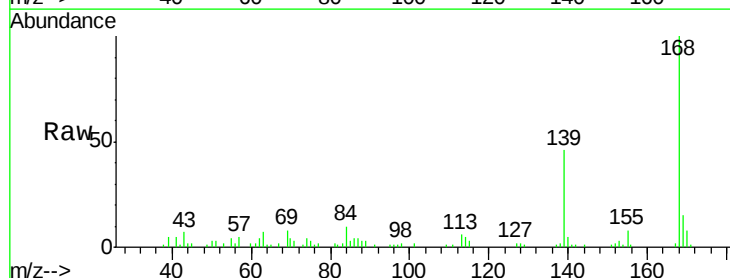
Tgt Ion:168 Resp: 44775

Ion Ratio Lower Upper

168 100

139 46.5 30.1 45.1#

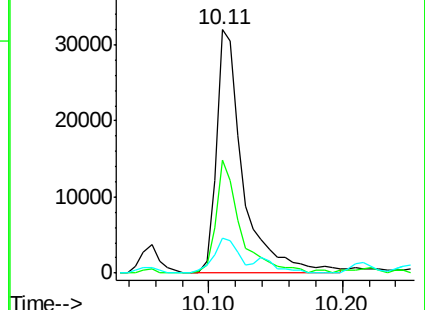
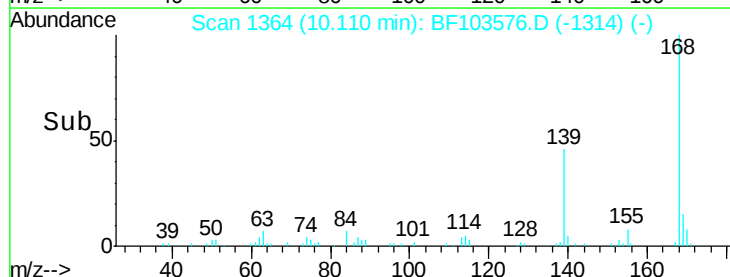
169 14.6 10.9 16.3

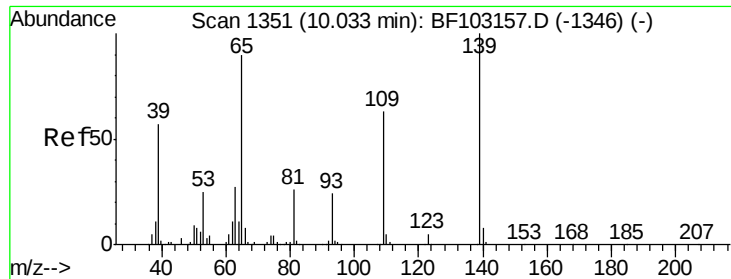


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

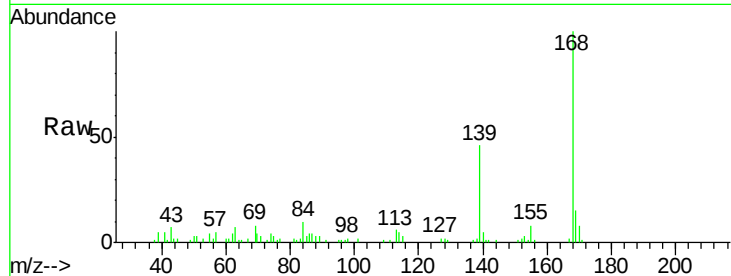




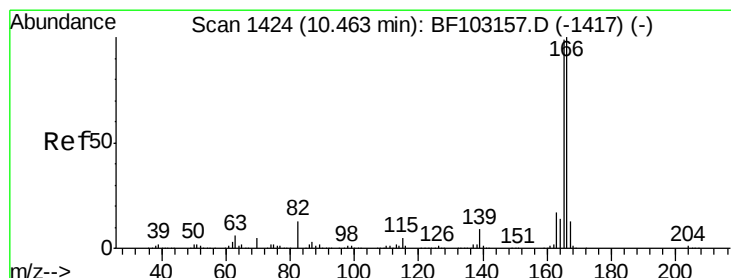
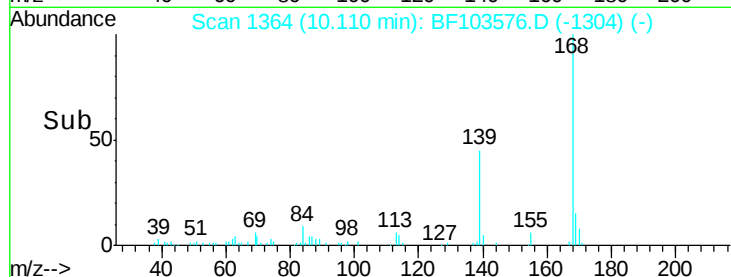
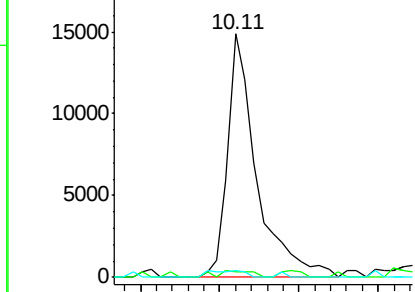
#55
4-Nitrophenol
Concen: 5.593 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.05 min
Lab File: BF103576.D
Acq: 12 Mar 2018 12:39

Instrument :
BNA_F
ClientSampleId :
SB-10-08-12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	2.2	48.4	88.4#
65	2.6	72.6	112.6#

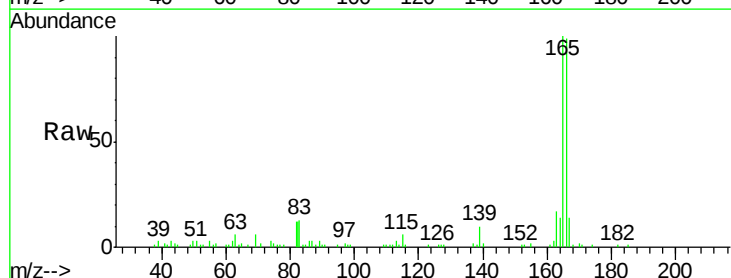


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

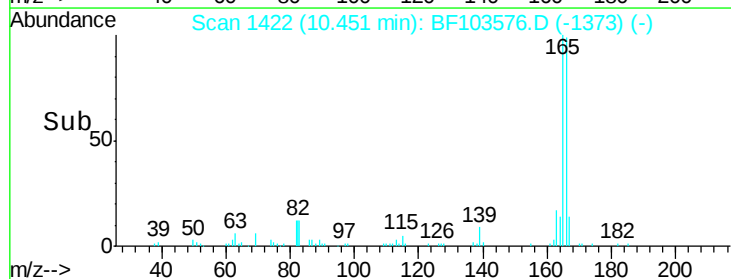
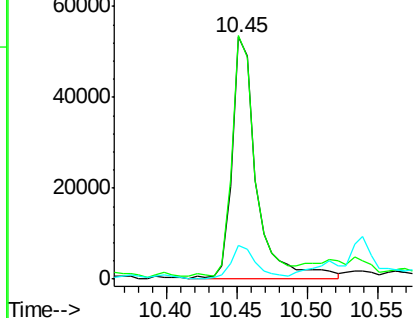


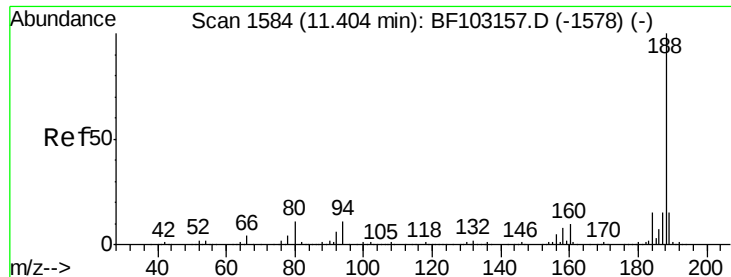
#57
Fluorene
Concen: 3.651 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF103576.D
Acq: 12 Mar 2018 12:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.8	119.8
167	14.1	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

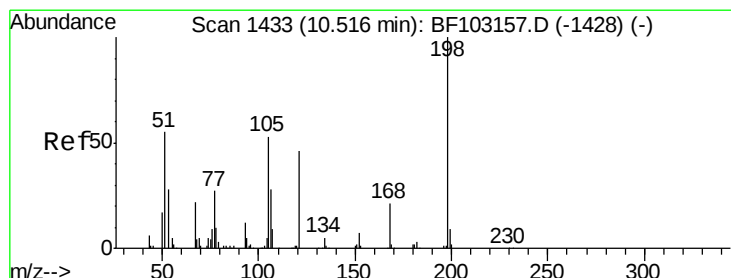
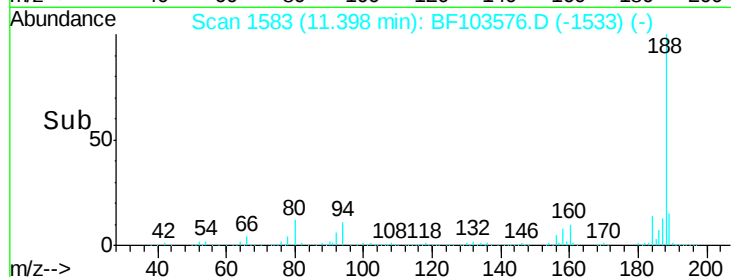
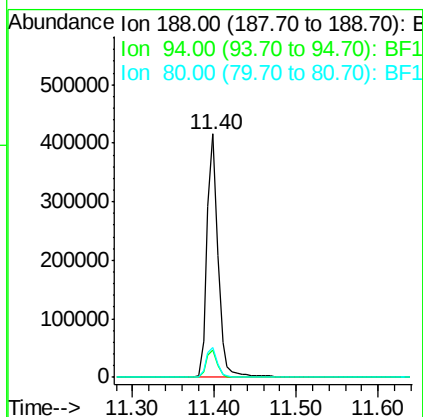
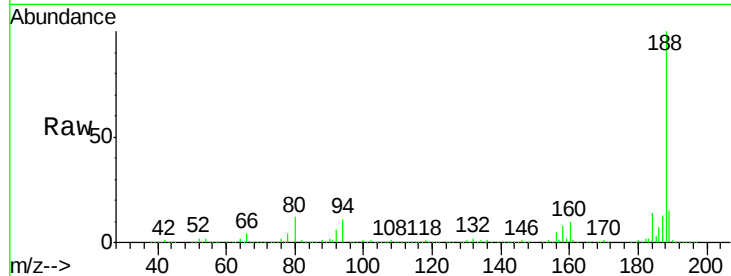




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF103576.D
 Acq: 12 Mar 2018 12:39

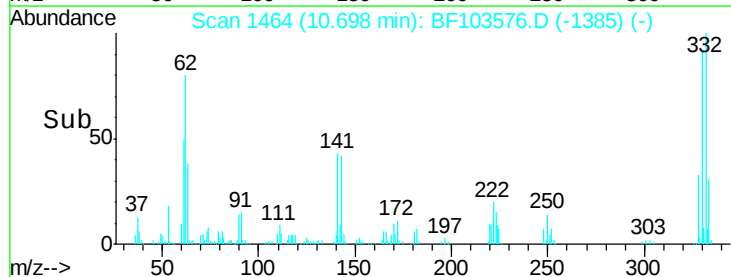
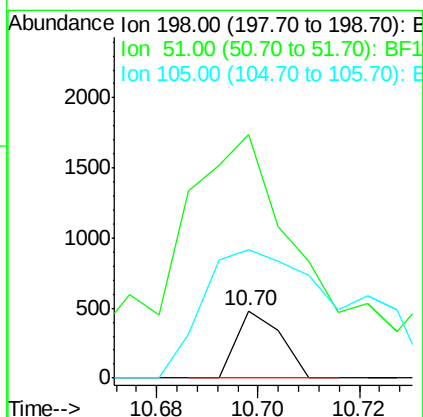
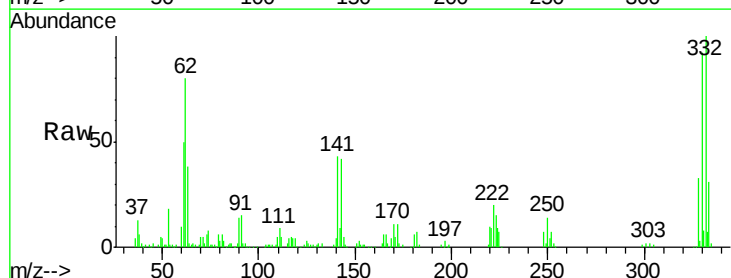
Instrument :
 BNA_F
 ClientSampled :
 SB-10-08-12

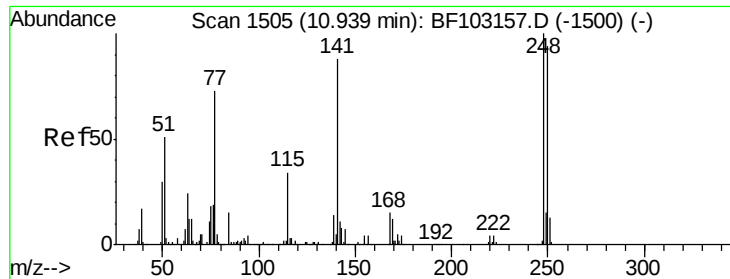
Tgt Ion:188 Resp: 392941
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 12.0 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.054 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.16 min
 Lab File: BF103576.D
 Acq: 12 Mar 2018 12:39

Tgt Ion:198 Resp: 290
 Ion Ratio Lower Upper
 198 100
 51 362.8 37.7 77.7#
 105 191.9 36.3 76.3#

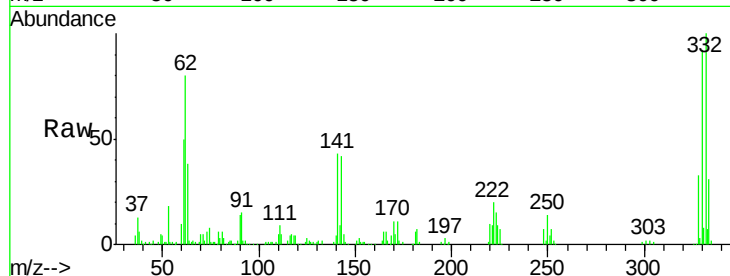




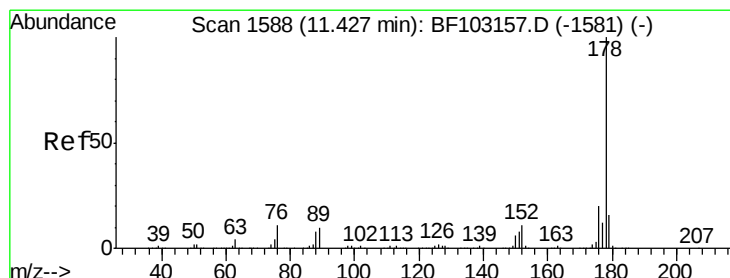
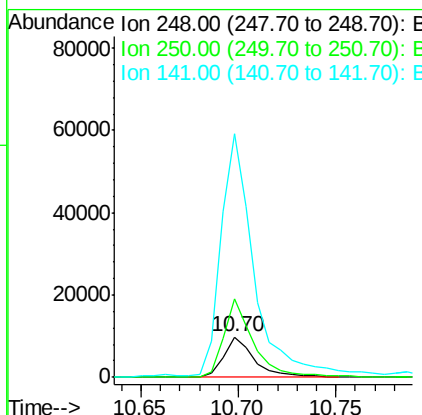
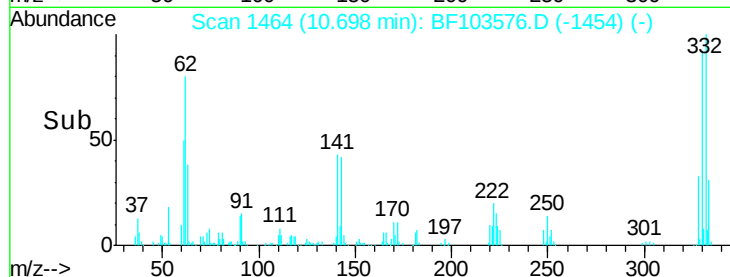
#66
 4-Bromophenyl-phenylether
 Concen: 2.585 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.24 min
 Lab File: BF103576.D
 Acq: 12 Mar 2018 12:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-08-12

Tgt Ion:248 Resp: 10582
 Ion Ratio Lower Upper
 248 100
 250 196.8 76.9 115.3#
 141 607.6 74.4 111.6#

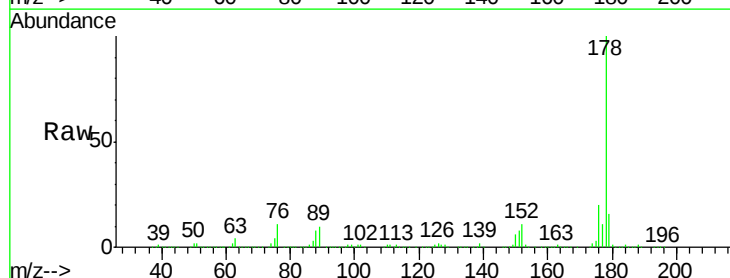


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

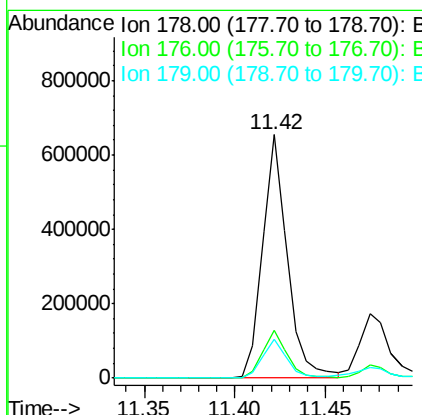
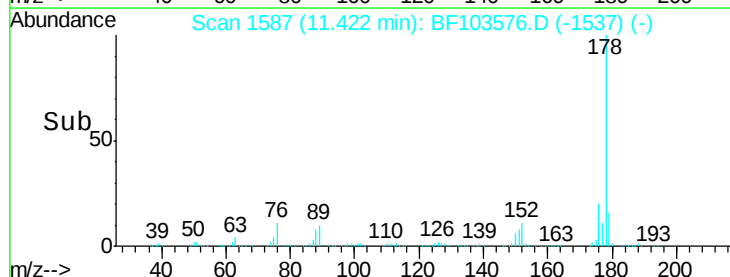


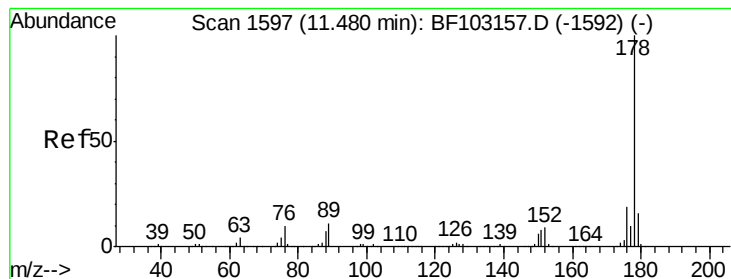
#70
 Phenanthrene
 Concen: 28.864 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF103576.D
 Acq: 12 Mar 2018 12:39

Tgt Ion:178 Resp: 624167
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 16.0 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: 9.756 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF103576.D

Acq: 12 Mar 2018 12:39

Instrument :

BNA_F

ClientSampleId :

SB-10-08-12

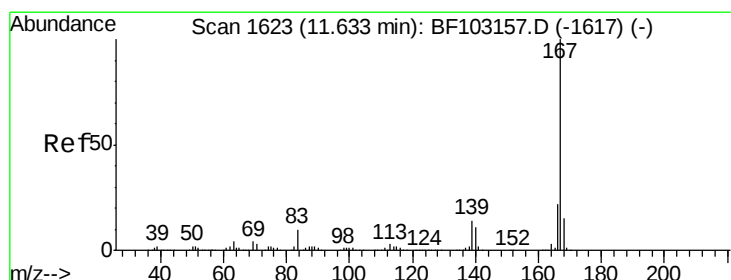
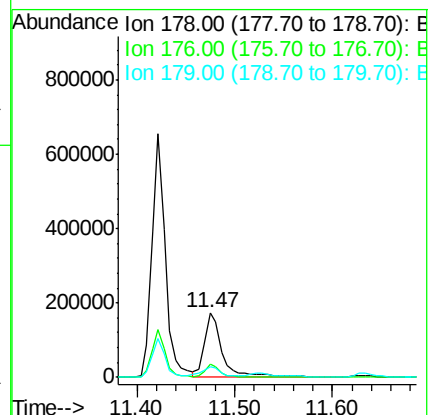
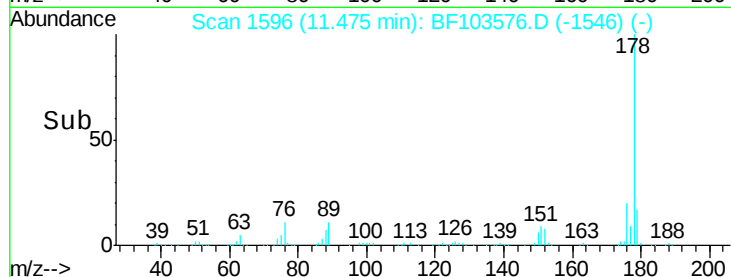
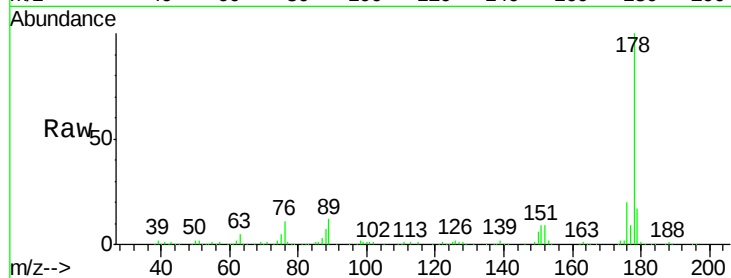
Tgt Ion:178 Resp: 216348

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.2

179 17.2 12.6 19.0



#72

Carbazole

Concen: 2.794 ng

RT: 11.65 min Scan# 1625

Delta R.T. 0.01 min

Lab File: BF103576.D

Acq: 12 Mar 2018 12:39

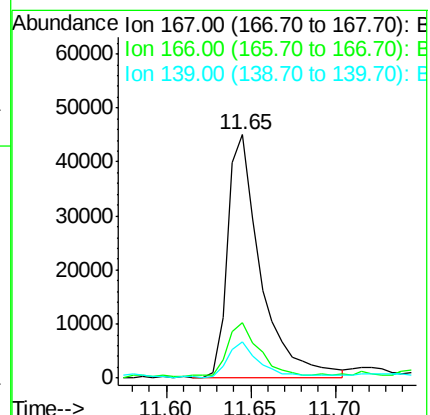
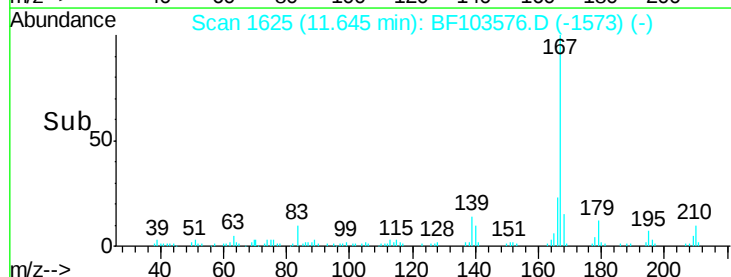
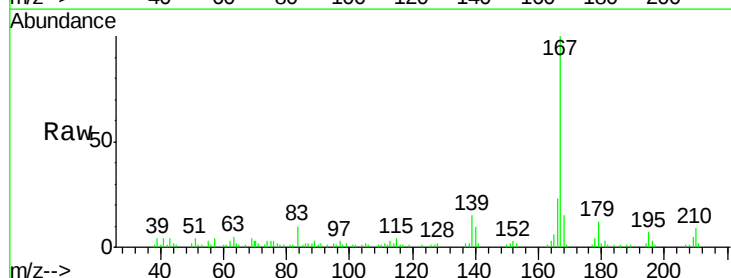
Tgt Ion:167 Resp: 61696

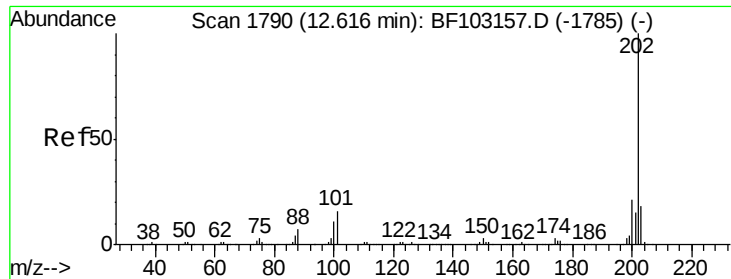
Ion Ratio Lower Upper

167 100

166 22.9 17.6 26.4

139 14.9 10.9 16.3





#74

Fluoranthene

Concen: 33.280 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF103576.D

Acq: 12 Mar 2018 12:39

Instrument :

BNA_F

ClientSampleId :

SB-10-08-12

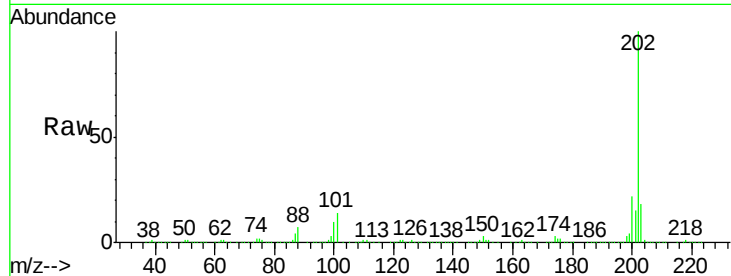
Tgt Ion:202 Resp: 723201

Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.1

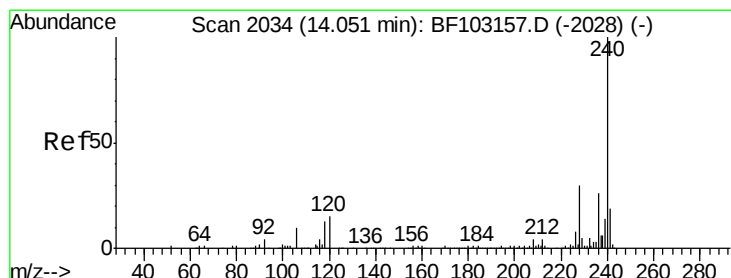
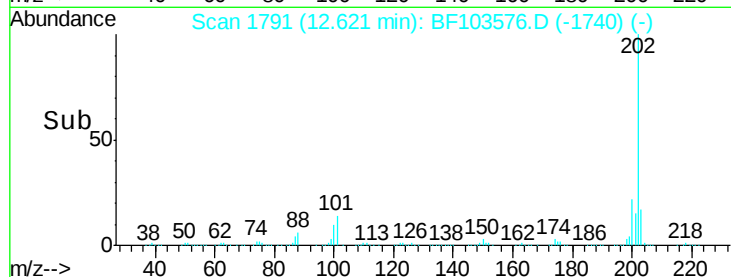
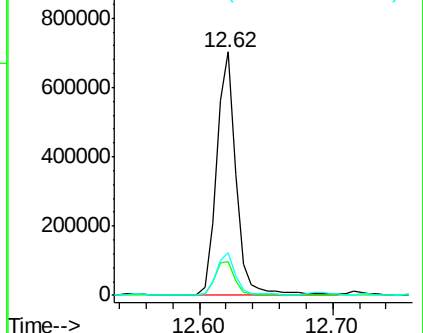
203 17.5 0.0 38.1



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: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103576.D

Acq: 12 Mar 2018 12:39

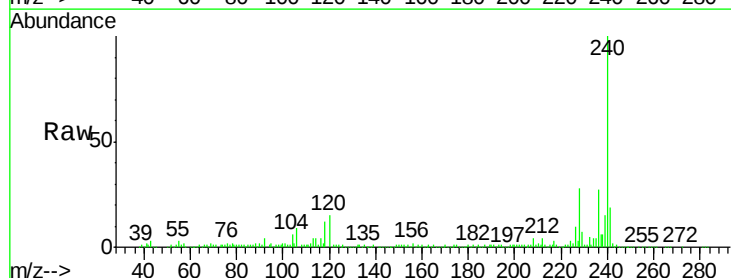
Tgt Ion:240 Resp: 218753

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

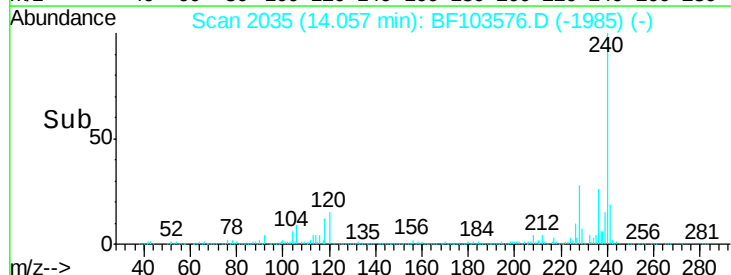
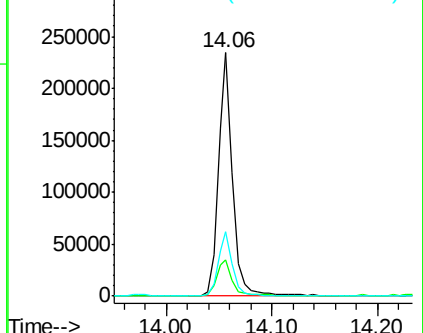
236 26.5 20.7 31.1

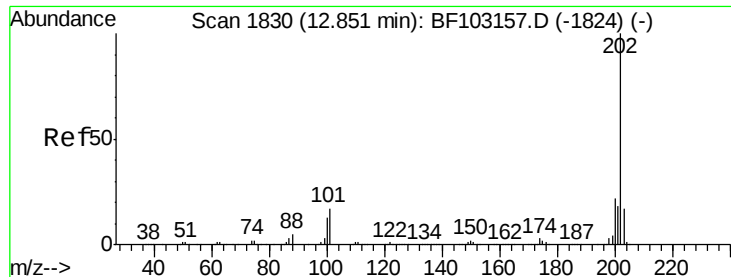


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

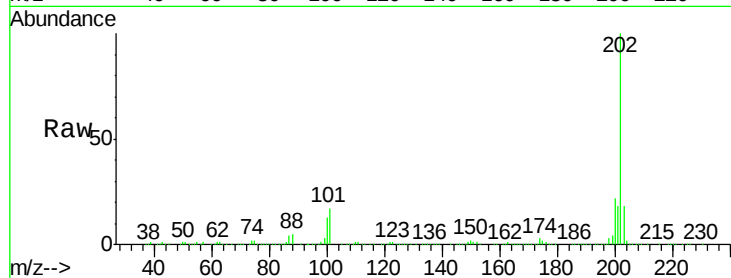




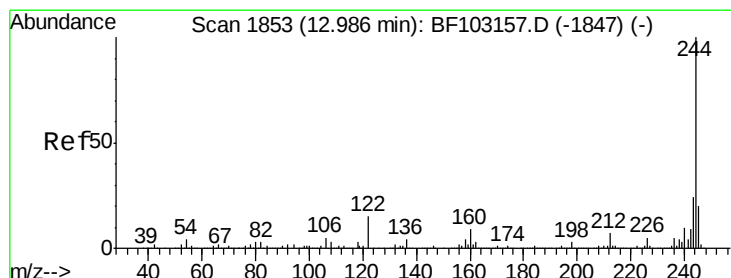
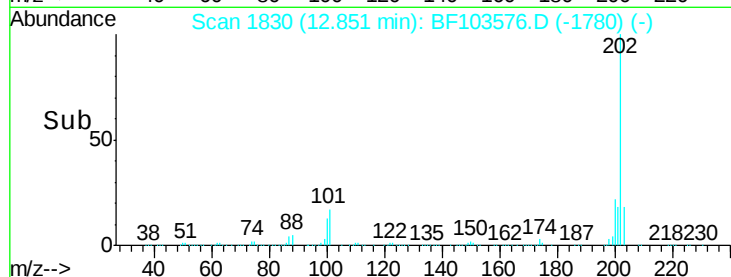
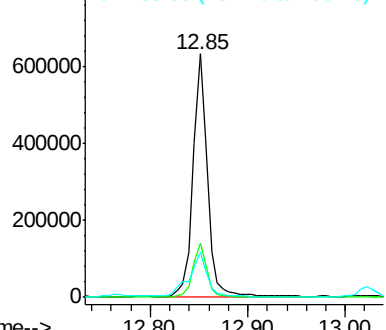
#77
 Pyrene
 Concen: 38.003 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF103576.D
 Acq: 12 Mar 2018 12:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-08-12

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.5	14.3	21.5

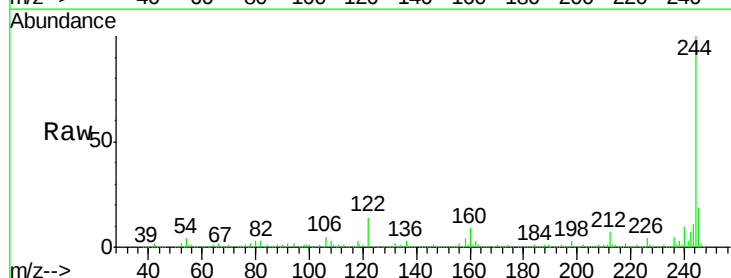


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

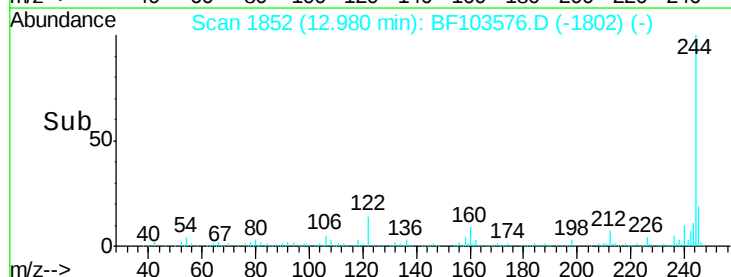
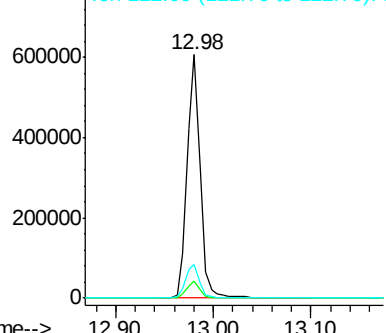


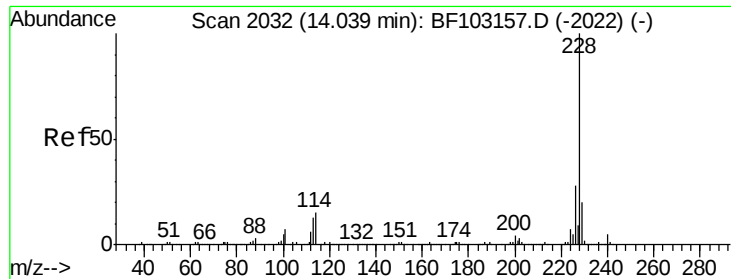
#78
 Terphenyl-d14
 Concen: 62.065 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103576.D
 Acq: 12 Mar 2018 12:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.9	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

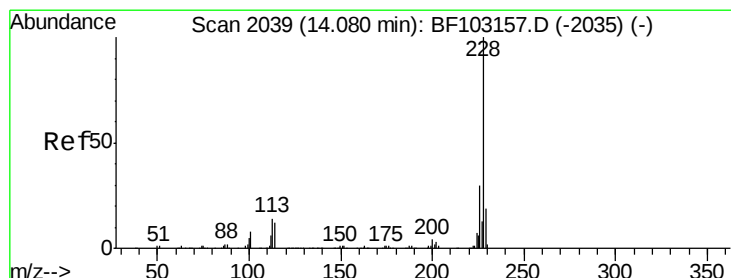
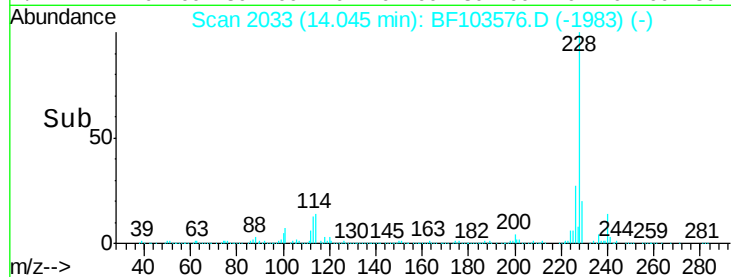
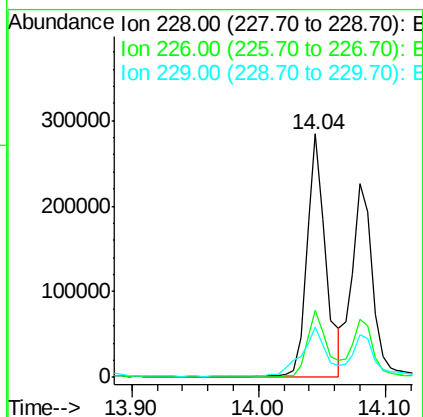
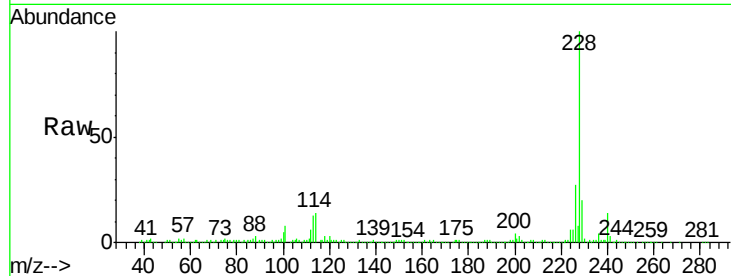




#80
Benzo(a)anthracene
Concen: 20.707 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103576.D
Acq: 12 Mar 2018 12:39

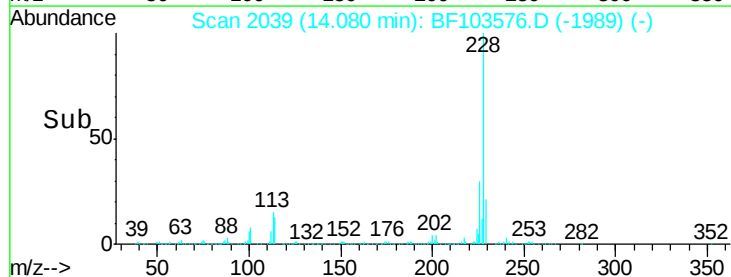
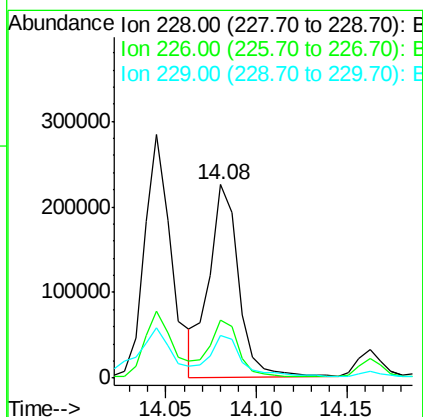
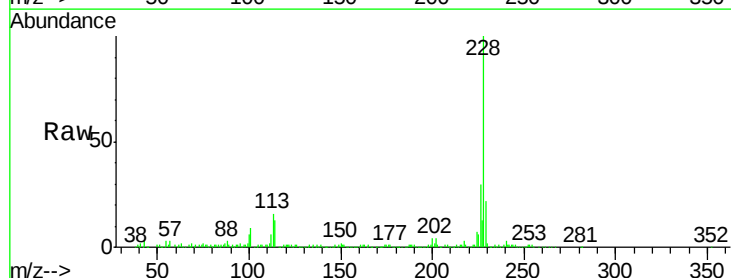
Instrument :
BNA_F
ClientSampleId :
SB-10-08-12

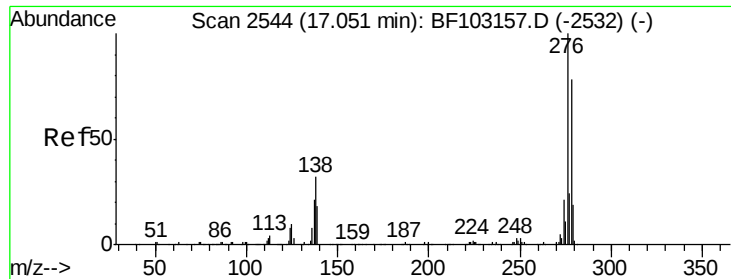
Tgt Ion:228 Resp: 293910
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 20.5 15.8 23.6



#82
Chrysene
Concen: 18.643 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF103576.D
Acq: 12 Mar 2018 12:39

Tgt Ion:228 Resp: 256925
Ion Ratio Lower Upper
228 100
226 30.2 25.0 37.6
229 21.7 16.2 24.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 10.669 ng

RT: 17.12 min Scan# 2555

Delta R.T. 0.00 min

Lab File: BF103576.D

Acq: 12 Mar 2018 12:39

Instrument :

BNA_F

ClientSampleId :

SB-10-08-12

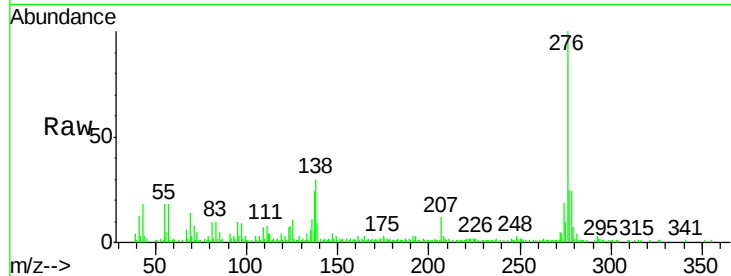
Tgt Ion:276 Resp: 116400

Ion Ratio Lower Upper

276 100

138 26.8 25.0 37.6

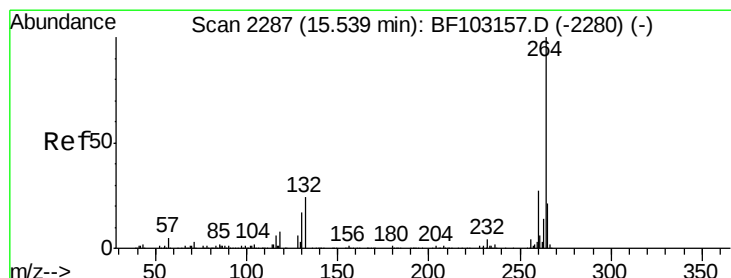
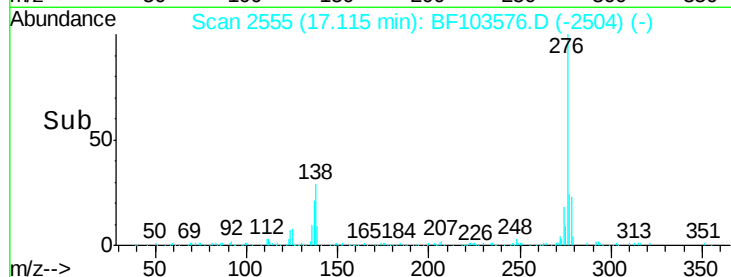
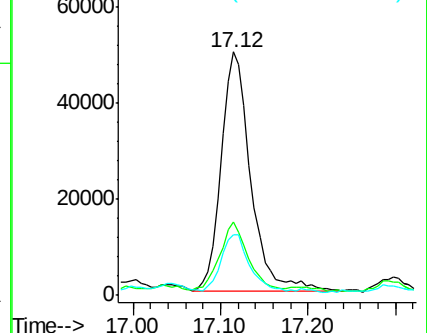
277 23.0 20.1 30.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BF103576.D

Acq: 12 Mar 2018 12:39

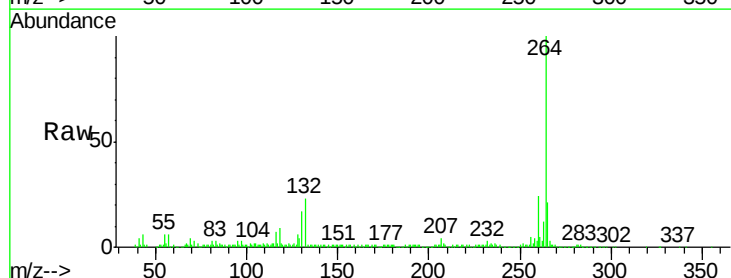
Tgt Ion:264 Resp: 216257

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

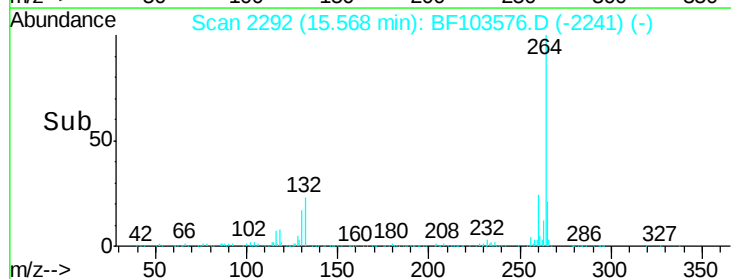
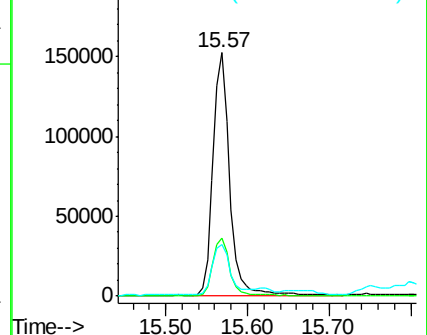
265 21.3 17.5 26.3

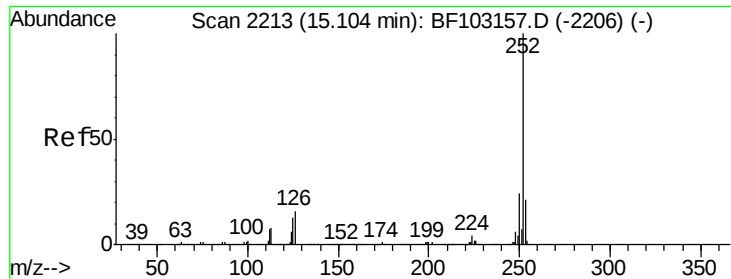


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 28.815 ng

RT: 15.13 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BF103576.D

Acq: 12 Mar 2018 12:39

Instrument :

BNA_F

ClientSampleId :

SB-10-08-12

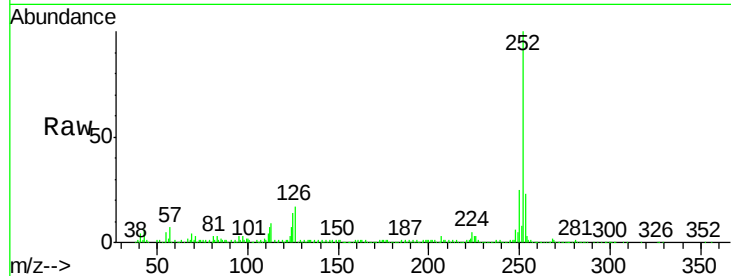
Tgt Ion:252 Resp: 409718

Ion Ratio Lower Upper

252 100

253 23.2 17.0 25.6

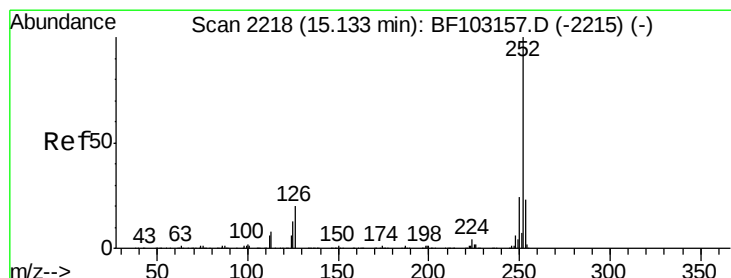
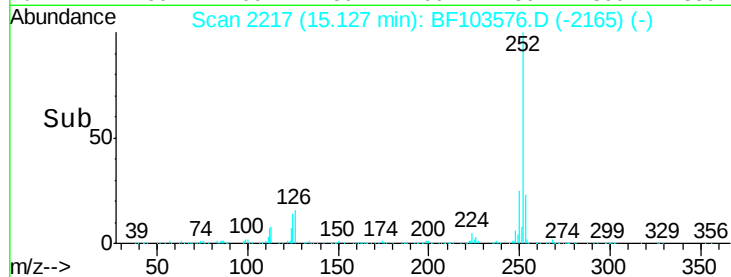
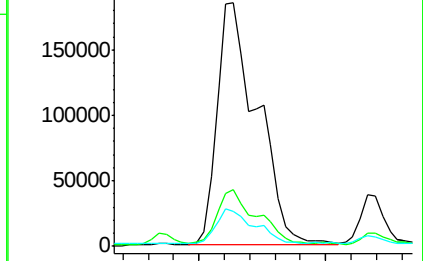
125 14.4 9.0 13.6#



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



#88

Benzo(k)fluoranthene

Concen: 30.601 ng

RT: 15.13 min Scan# 2217

Delta R.T. -0.02 min

Lab File: BF103576.D

Acq: 12 Mar 2018 12:39

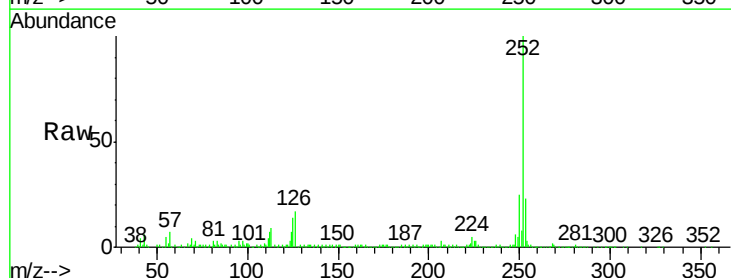
Tgt Ion:252 Resp: 409718

Ion Ratio Lower Upper

252 100

253 23.2 17.9 26.9

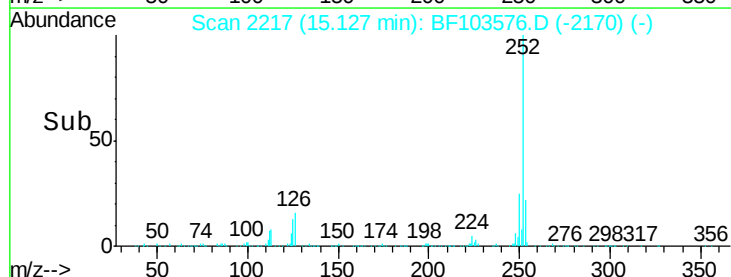
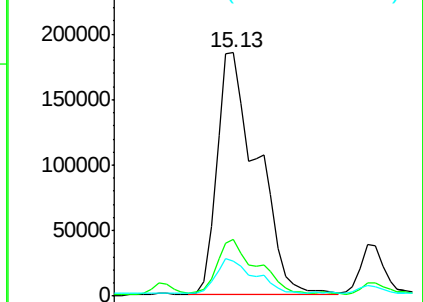
125 14.4 10.2 15.2

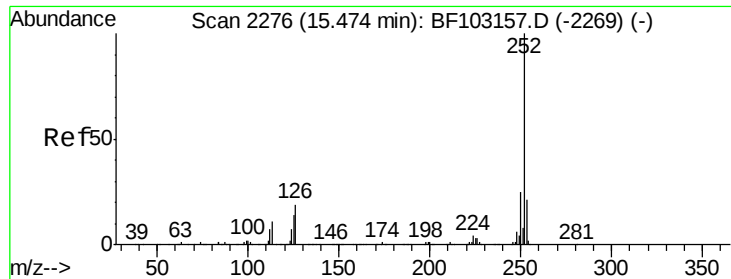


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 17.879 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BF103576.D

Acq: 12 Mar 2018 12:39

Instrument :

BNA_F

ClientSampleId :

SB-10-08-12

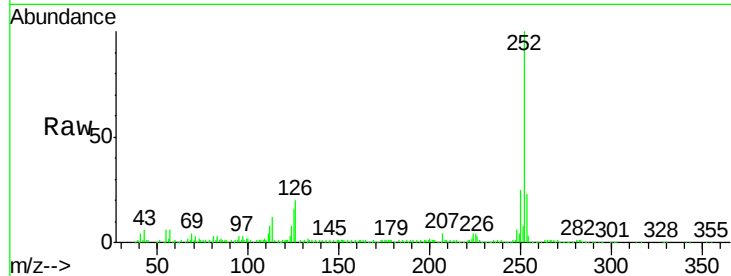
Tgt Ion:252 Resp: 227021

Ion Ratio Lower Upper

252 100

253 23.4 17.1 25.7

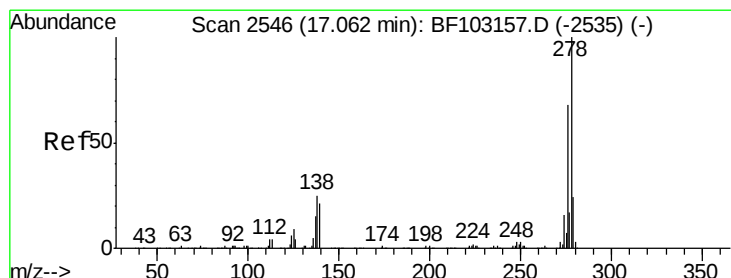
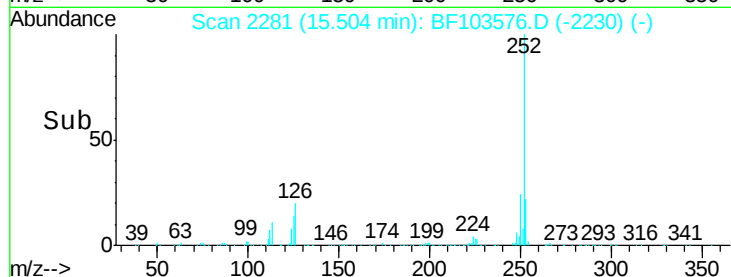
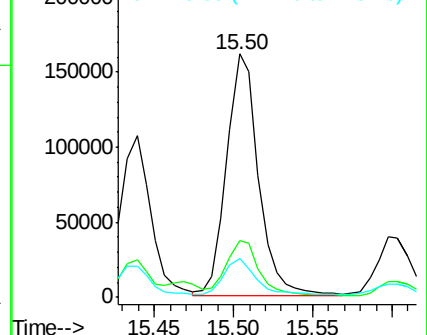
125 15.8 9.8 14.6#



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: 2.822 ng

RT: 17.12 min Scan# 2555

Delta R.T. 0.00 min

Lab File: BF103576.D

Acq: 12 Mar 2018 12:39

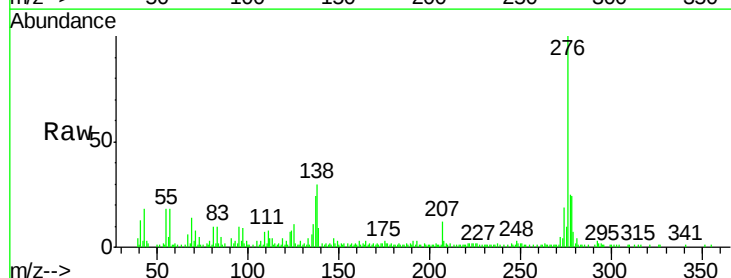
Tgt Ion:278 Resp: 27685

Ion Ratio Lower Upper

278 100

139 37.6 15.9 23.9#

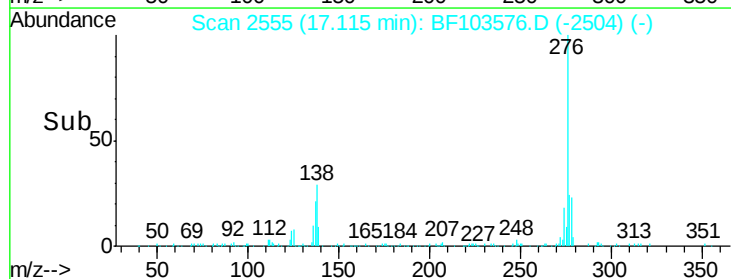
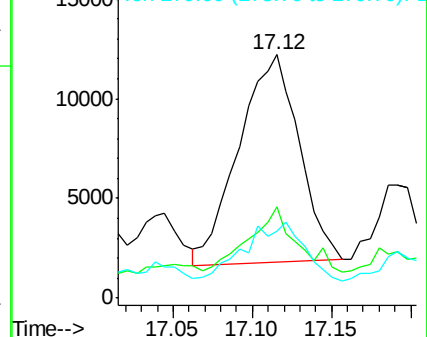
279 27.7 19.0 28.4

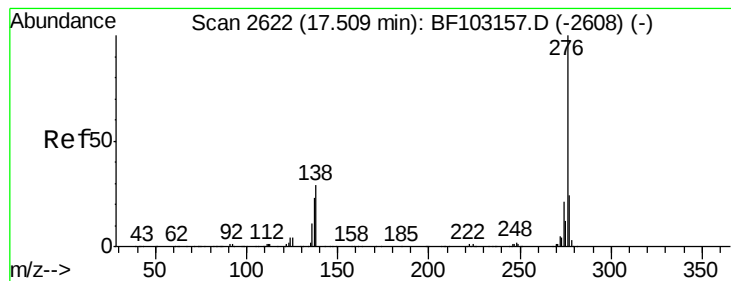


Abundance Ion 278.00 (277.70 to 278.70): E

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: 10.775 ng

RT: 17.59 min Scan# 2635

Delta R.T. 0.00 min

Lab File: BF103576.D

Acq: 12 Mar 2018 12:39

Instrument :

BNA_F

ClientSampleId :

SB-10-08-12

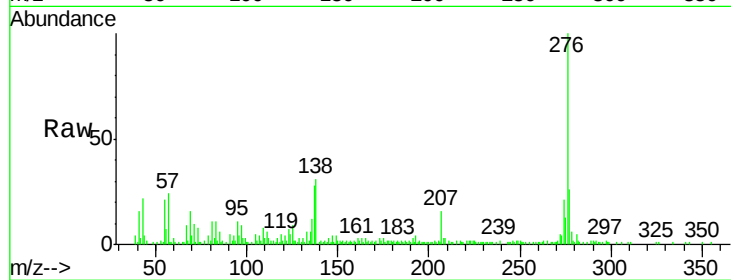
Tgt Ion: 276 Resp: 103321

Ion Ratio Lower Upper

276 100

277 26.5 17.9 26.9

138 30.6 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

