

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031218\
 Data File : BF103572.D
 Acq On : 12 Mar 2018 10:53
 Operator : SJ/JU
 Sample : J1776-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FT

Quant Time: Mar 12 12:22:33 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	155451	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	644612	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	271585	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	415267	20.00	ng	0.00
75) Chrysene-d12	14.06	240	222177	20.00	ng	0.00
86) Perylene-d12	15.57	264	232433	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	988619	96.19	ng	0.00
7) Phenol-d6	6.51	99	1221475	97.12	ng	0.00
23) Nitrobenzene-d5	7.43	82	762464	67.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	174336	75.84	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1012262	59.70	ng	0.00
78) Terphenyl-d14	12.98	244	665701	72.03	ng	0.00

Target Compounds

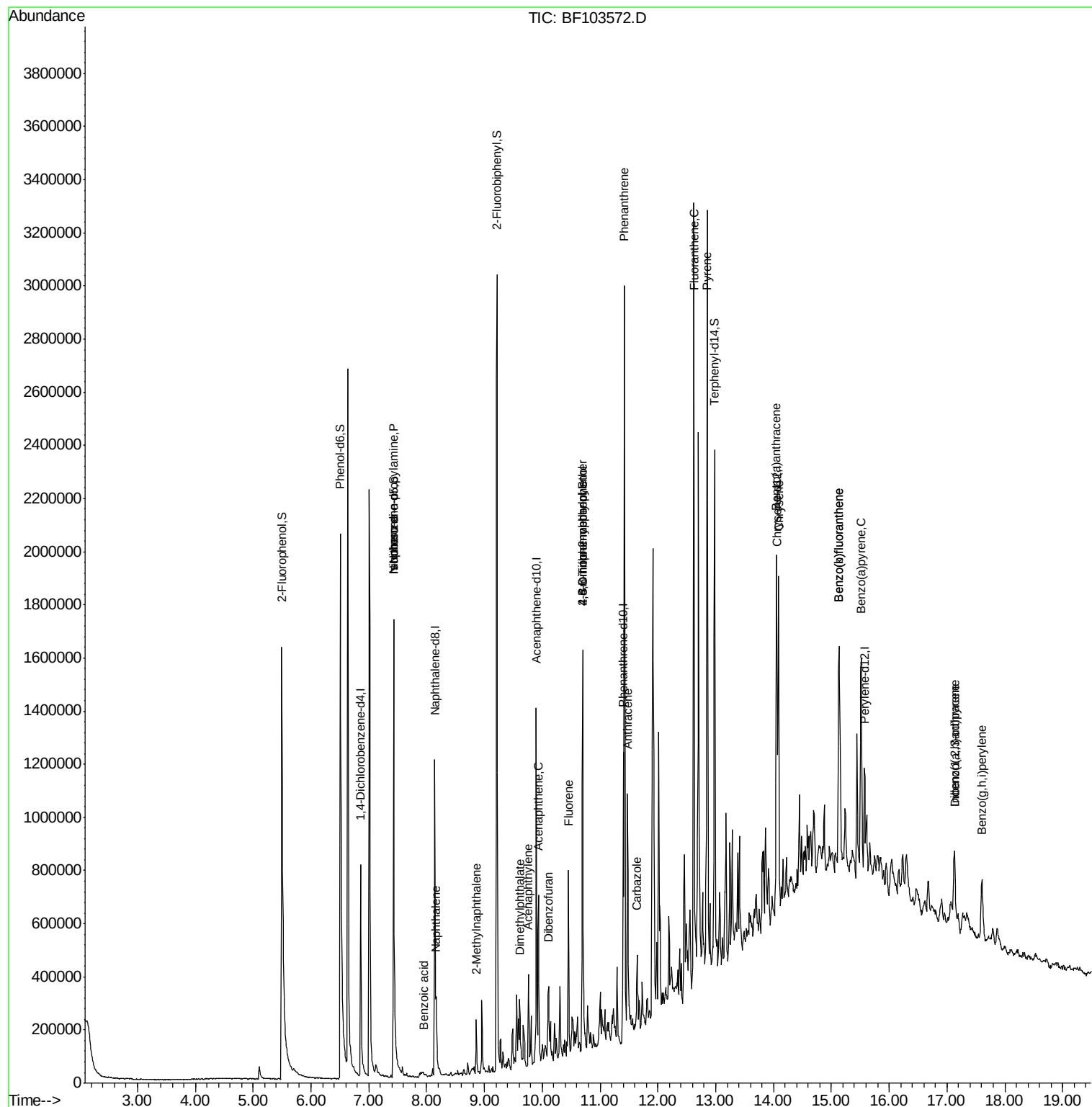
						Qvalue
9) Benzaldehyde	6.50	77	2752	Below Cal	#	17
19) n-Nitroso-di-n-propylamine	7.43	70	98403	12.572 ng	#	85
25) Isophorone	7.43	82	762464	34.298 ng	#	64
31) Naphthalene	8.16	128	111415	3.530 ng		99
32) Benzoic acid	7.96	122	1252	7.075 ng		91
37) 2-Methylnaphthalene	8.86	142	66632	3.267 ng		93
48) Acenaphthylene	9.76	152	153155	5.529 ng		99
49) Dimethylphthalate	9.61	163	92926	4.265 ng		99
51) Acenaphthene	9.93	154	136045	8.422 ng		98
54) Dibenzofuran	10.11	168	106964	4.824 ng		97
57) Fluorene	10.45	166	219464	11.618 ng		100
64) 4,6-Dinitro-2-methylphenol	10.70	198	342	5.067 ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	12319	2.848 ng	#	1
70) Phenanthrene	11.42	178	1145616	50.129 ng		99
71) Anthracene	11.47	178	389355	16.614 ng		99
72) Carbazole	11.64	167	119236	5.109 ng		97
74) Fluoranthene	12.62	202	1287788	56.076 ng		98
77) Pyrene	12.86	202	1368886	79.025 ng		100
80) Benzo(a)anthracene	14.05	228	505328	35.054 ng		96
82) Chrysene	14.09	228	489757	34.990 ng		98
85) Indeno(1,2,3-cd)pyrene	17.13	276	222889	20.114 ng		94
87) Benzo(b)fluoranthene	15.13	252	729141	47.712 ng	#	93
88) Benzo(k)fluoranthene	15.13	252	729473	50.691 ng	#	96
89) Benzo(a)pyrene	15.52	252	478734	35.080 ng		96
90) Dibenzo(a,h)anthracene	17.13	278	53441	5.068 ng	#	71
91) Benzo(g,h,i)perylene	17.60	276	212868	20.654 ng		93

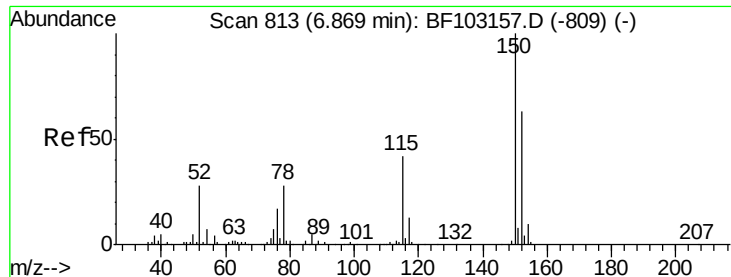
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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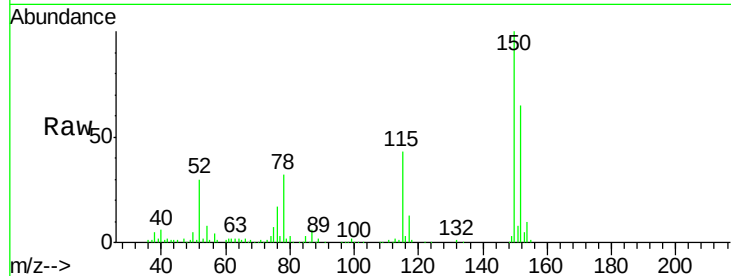


#1

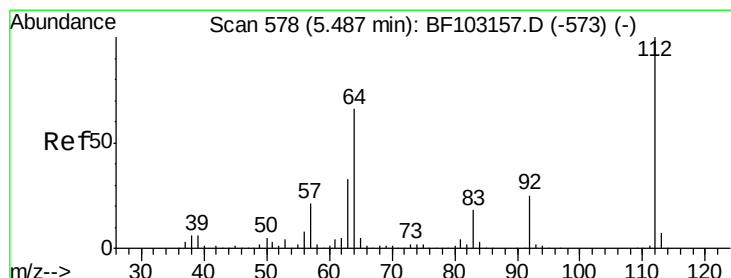
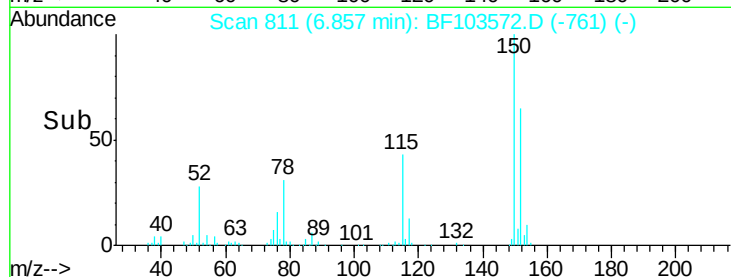
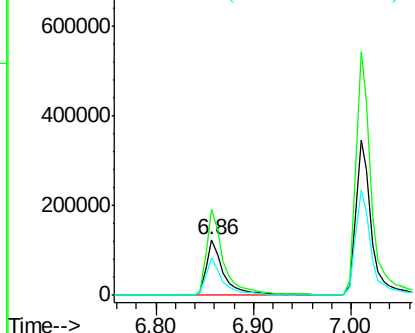
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103572.D
Acq: 12 Mar 2018 10:53

Instrument :
BNA_F
ClientSampleId :
TP-1-3FT

Tgt Ion:152 Resp: 155451
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 66.8 50.1 75.1



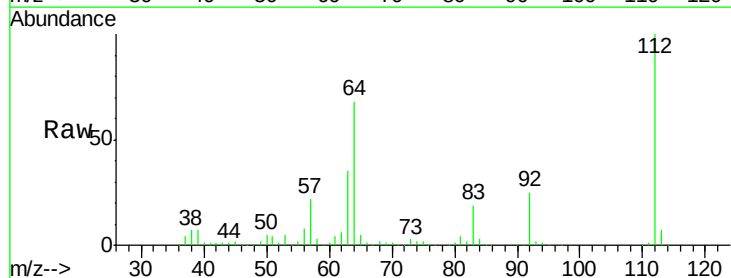
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



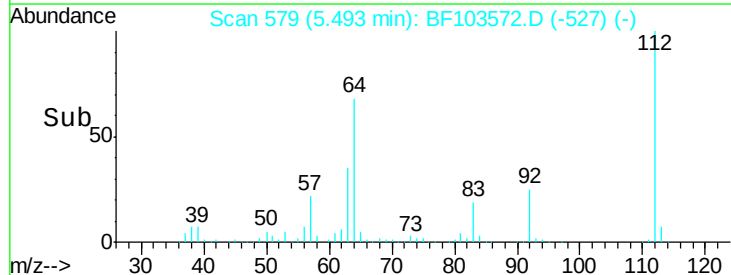
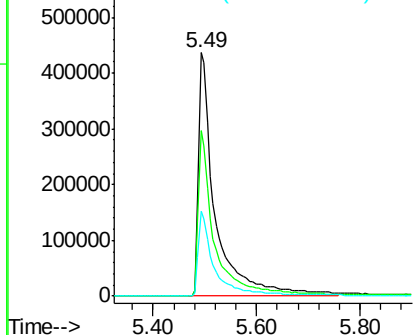
#5

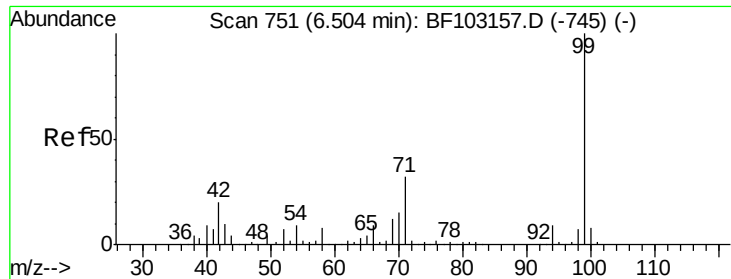
2-Fluorophenol
Concen: 96.186 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103572.D
Acq: 12 Mar 2018 10:53

Tgt Ion:112 Resp: 988619
Ion Ratio Lower Upper
112 100
64 67.8 47.9 71.9
63 35.1 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: 97.120 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103572.D

Acq: 12 Mar 2018 10:53

Instrument :

BNA_F

ClientSampleId :

TP-1-3FT

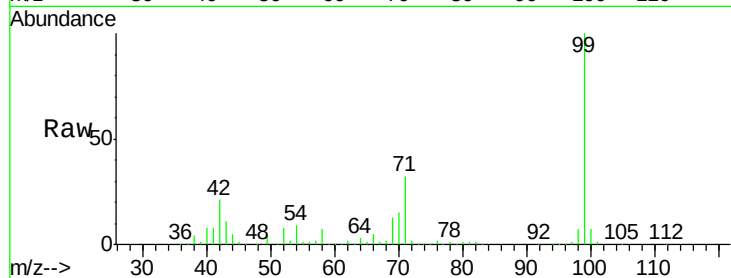
Tgt Ion: 99 Resp: 1221475

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

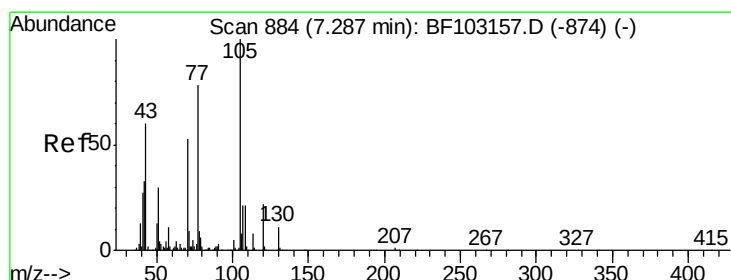
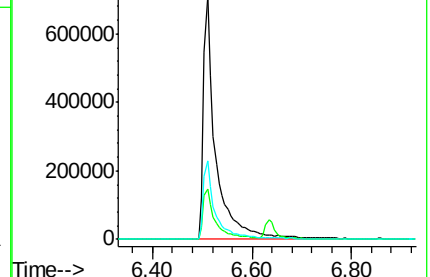
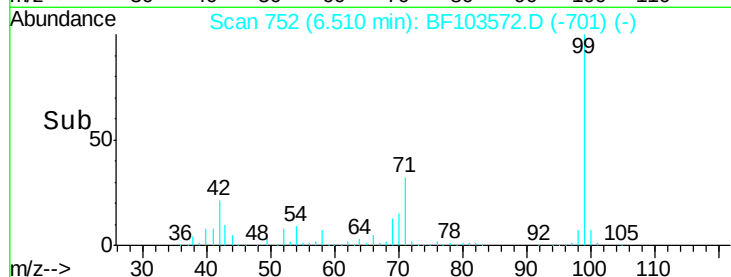
71 32.3 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.572 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.15 min

Lab File: BF103572.D

Acq: 12 Mar 2018 10:53

Tgt Ion: 70 Resp: 98403

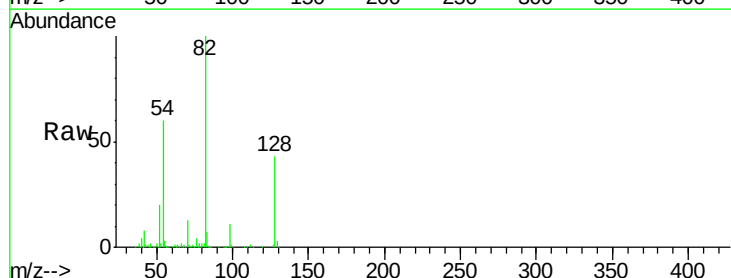
Ion Ratio Lower Upper

70 100

42 56.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

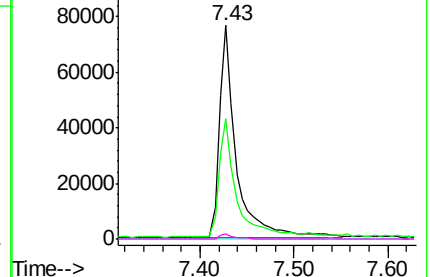
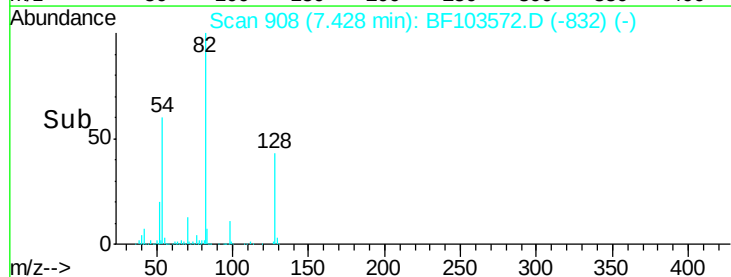


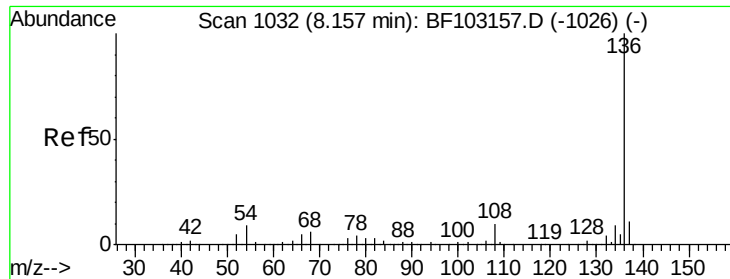
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

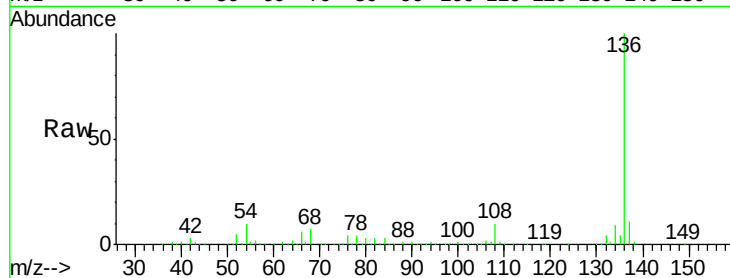




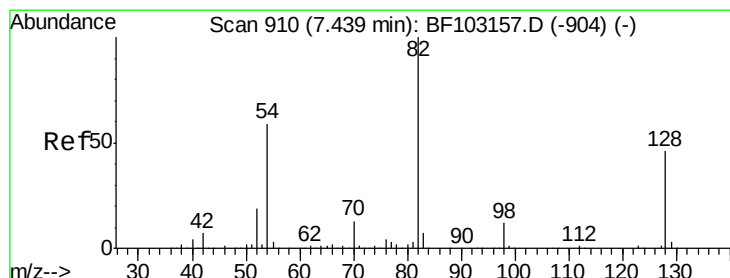
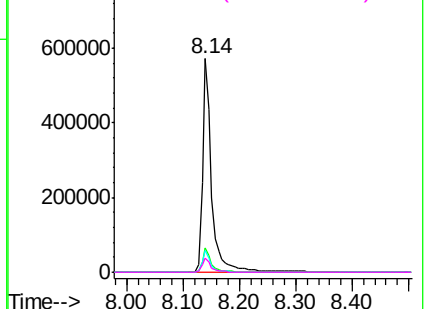
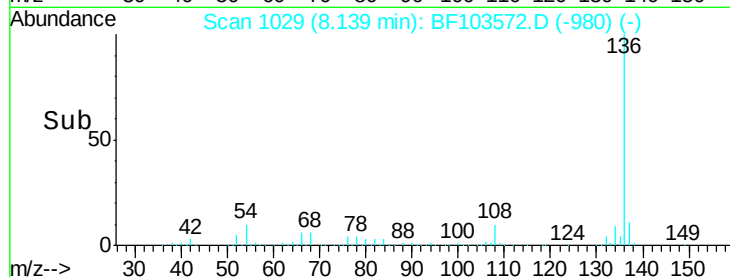
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF103572.D
Acq: 12 Mar 2018 10:53

Instrument :
BNA_F
ClientSampleId :
TP-1-3FT

Tgt Ion: 136 Resp: 644612
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 9.9 6.6 9.8#
68 6.5 5.0 7.4

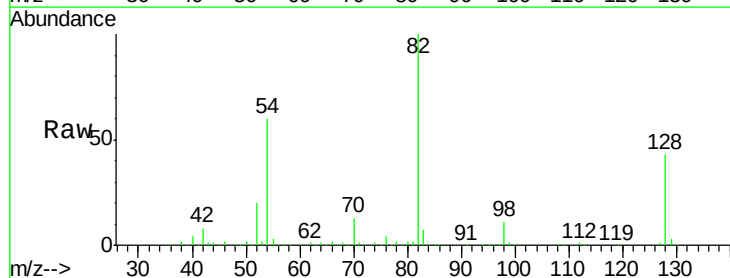


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

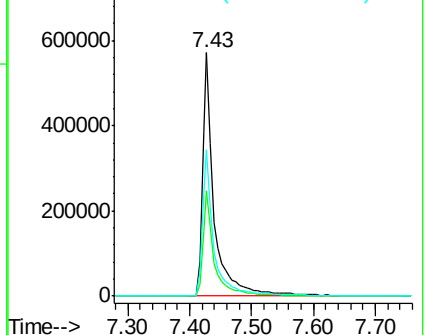
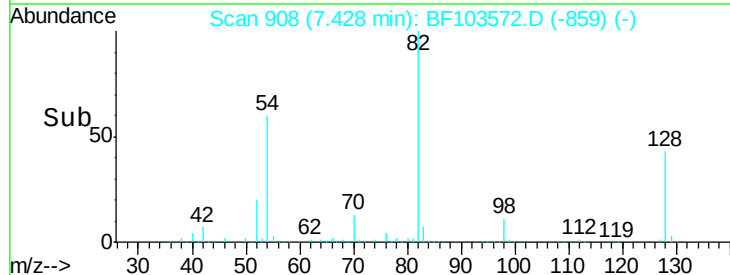


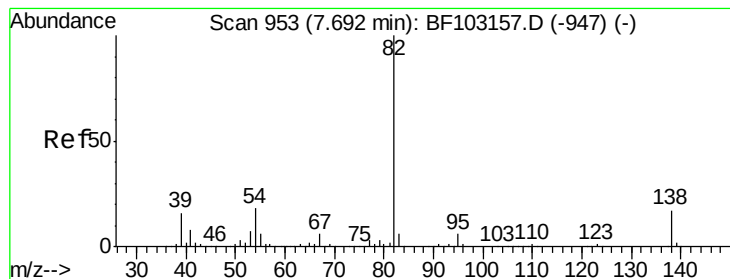
#23
Nitrobenzene-d5
Concen: 67.549 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103572.D
Acq: 12 Mar 2018 10:53

Tgt Ion: 82 Resp: 762464
Ion Ratio Lower Upper
82 100
128 43.1 36.1 54.1
54 60.1 41.4 62.2



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





#25

Isophorone

Concen: 34.298 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF103572.D

Acq: 12 Mar 2018 10:53

Instrument :

BNA_F

ClientSampleId :

TP-1-3FT

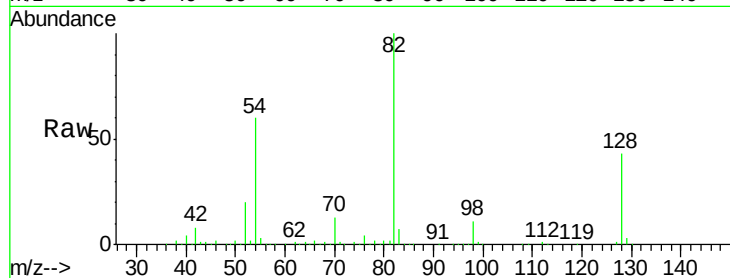
Tgt Ion: 82 Resp: 762464

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

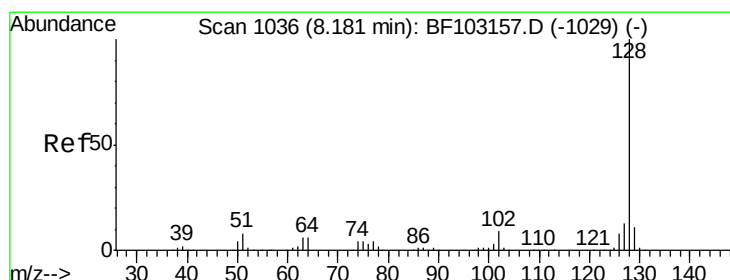
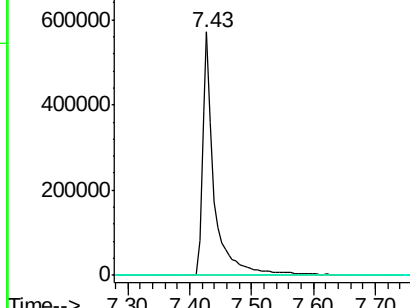
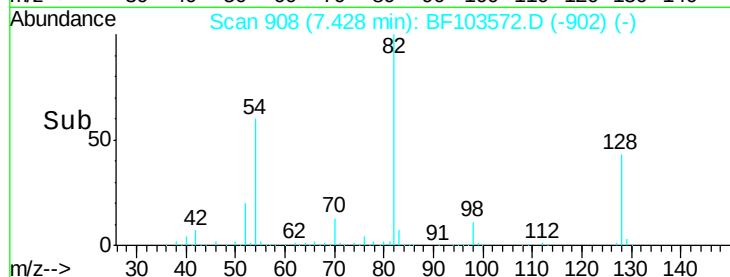
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 3.530 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF103572.D

Acq: 12 Mar 2018 10:53

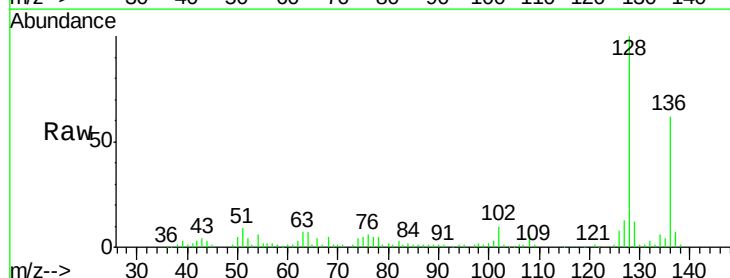
Tgt Ion: 128 Resp: 111415

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

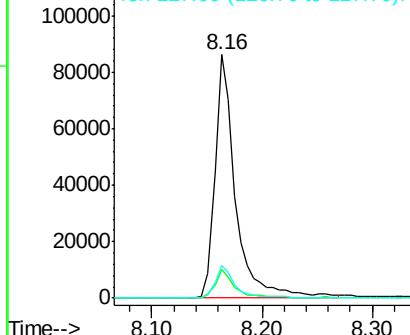
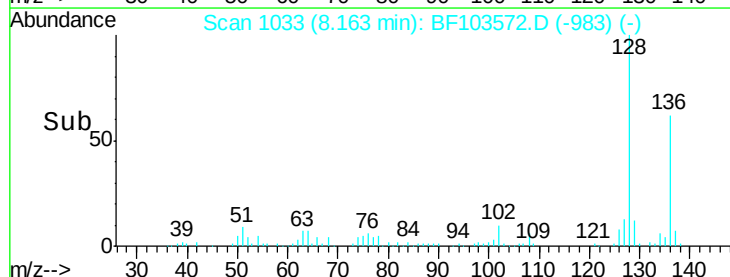
127 13.4 10.9 16.3

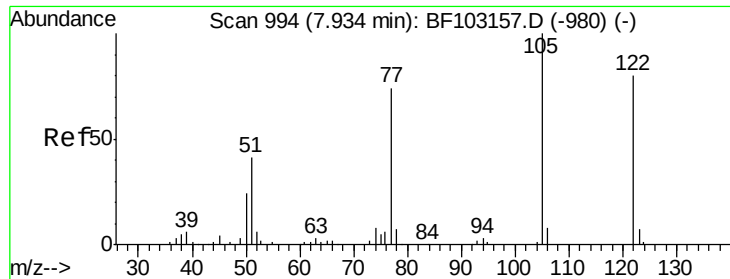


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

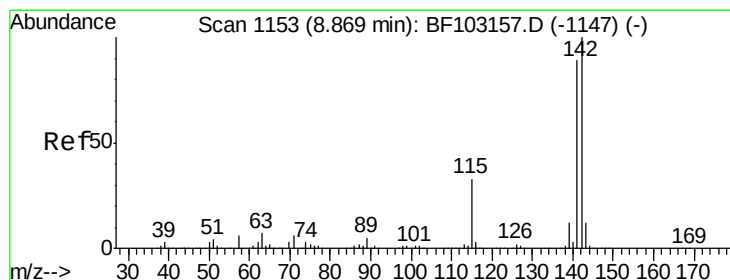
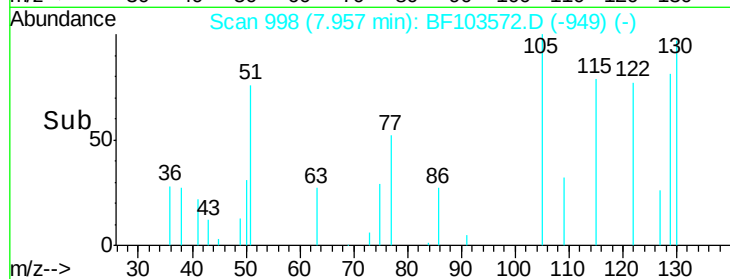
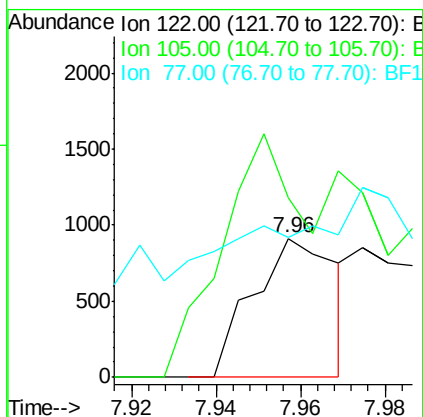
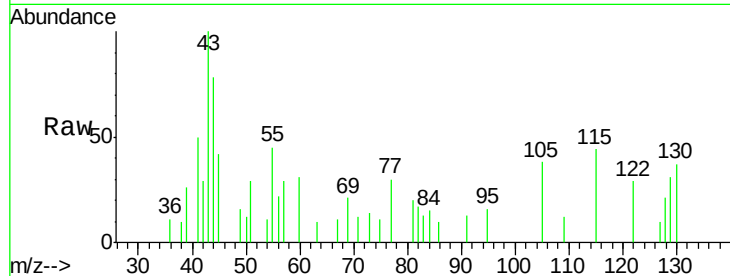




#32
Benzoic acid
Concen: 7.075 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF103572.D
Acq: 12 Mar 2018 10:53

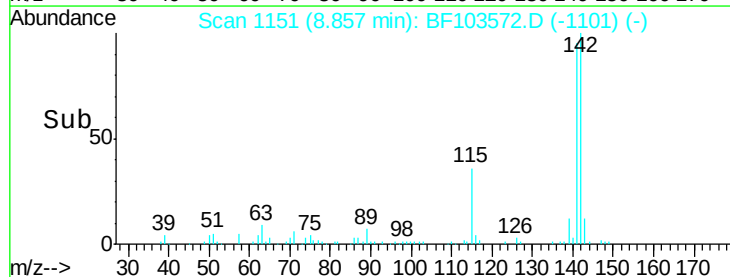
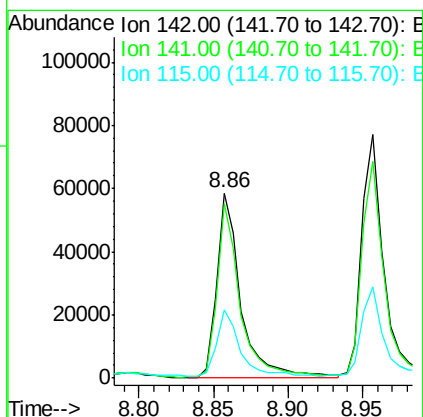
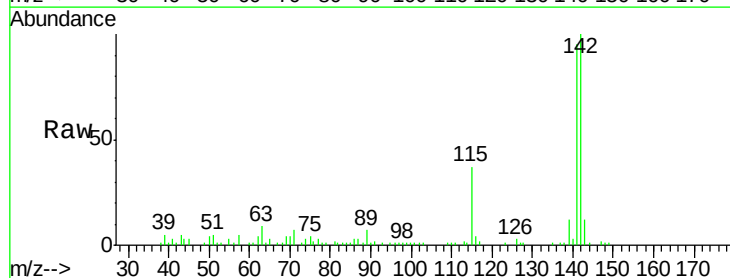
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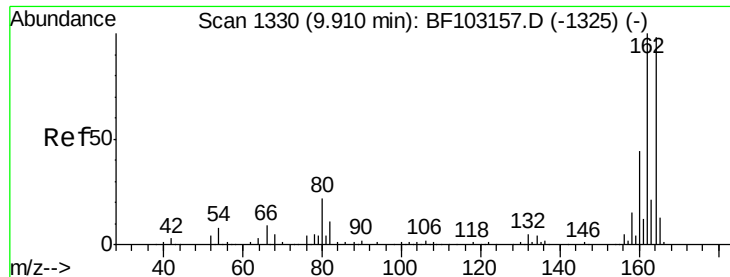
Tgt Ion:122 Resp: 1252
Ion Ratio Lower Upper
122 100
105 129.5 101.1 141.1
77 101.3 70.7 110.7



#37
2-Methylnaphthalene
Concen: 3.267 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF103572.D
Acq: 12 Mar 2018 10:53

Tgt Ion:142 Resp: 66632
Ion Ratio Lower Upper
142 100
141 94.6 70.8 106.2
115 36.9 26.1 39.1

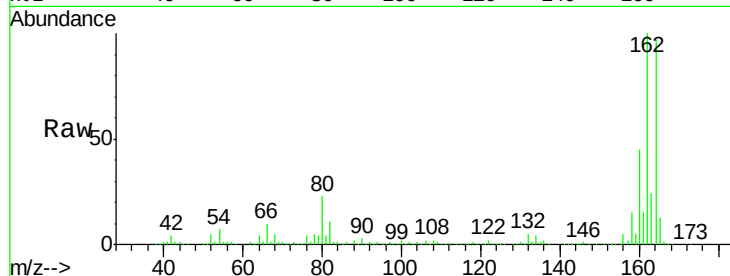




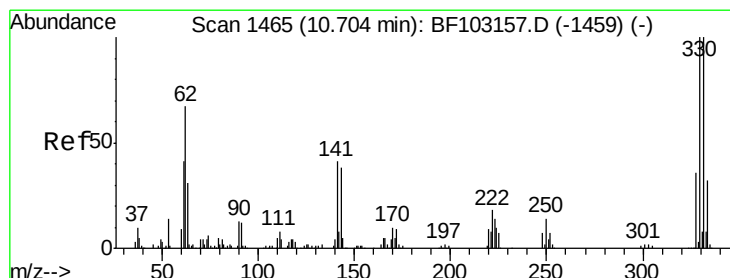
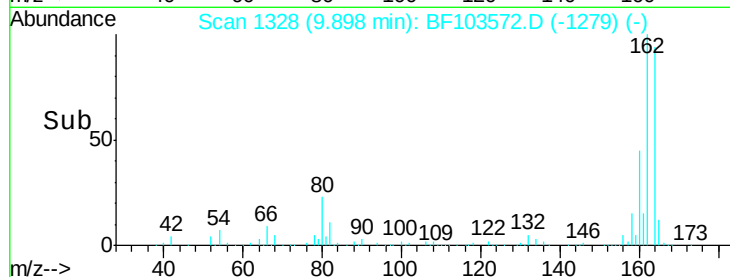
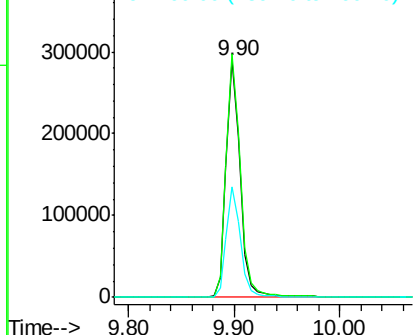
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF103572.D
 Acq: 12 Mar 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FT

Tgt Ion:164 Resp: 271585
 Ion Ratio Lower Upper
 164 100
 162 102.7 86.1 129.1
 160 46.7 38.3 57.5

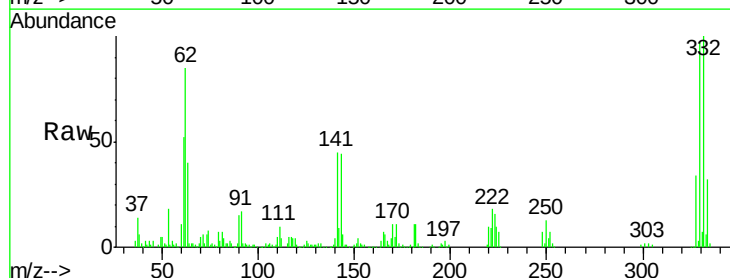


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

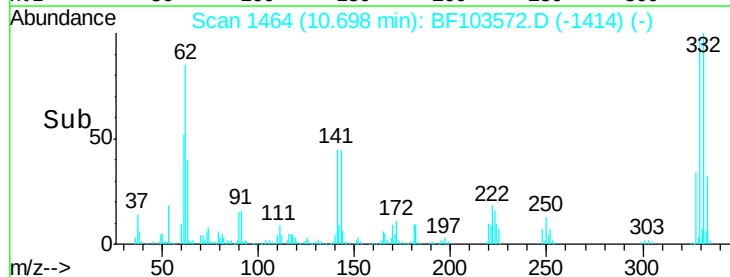
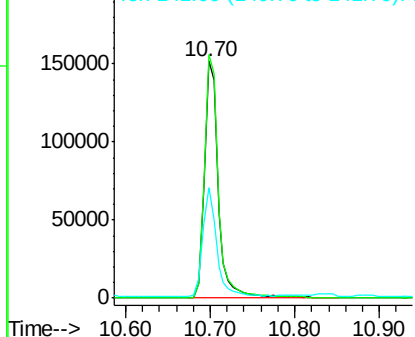


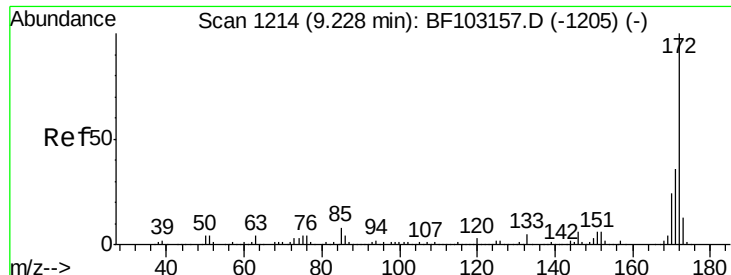
#41
 2,4,6-Tribromophenol
 Concen: 75.837 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103572.D
 Acq: 12 Mar 2018 10:53

Tgt Ion:330 Resp: 174336
 Ion Ratio Lower Upper
 330 100
 332 102.7 77.0 115.6
 141 45.8 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

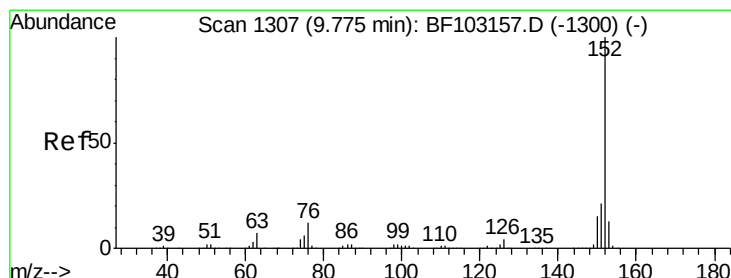
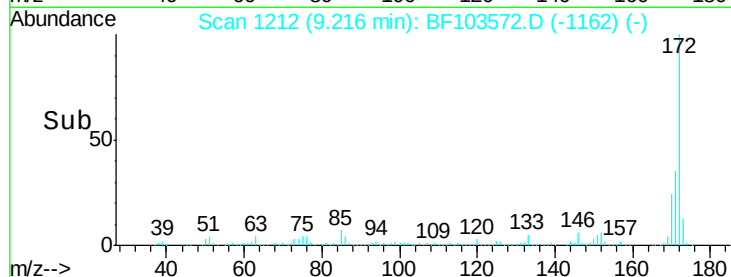
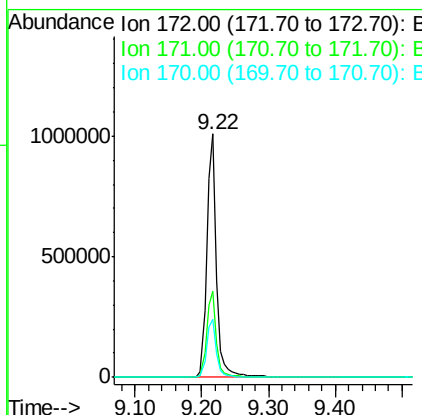
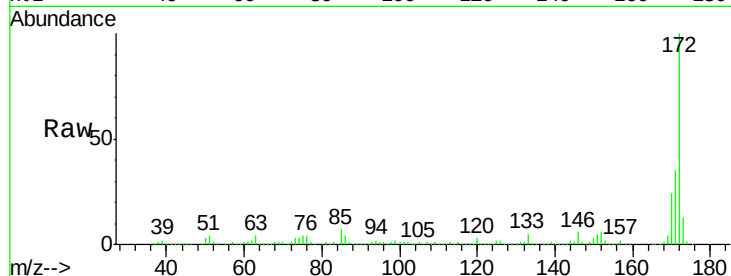




#44
2-Fluorobiphenyl
Concen: 59.703 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF103572.D
Acq: 12 Mar 2018 10:53

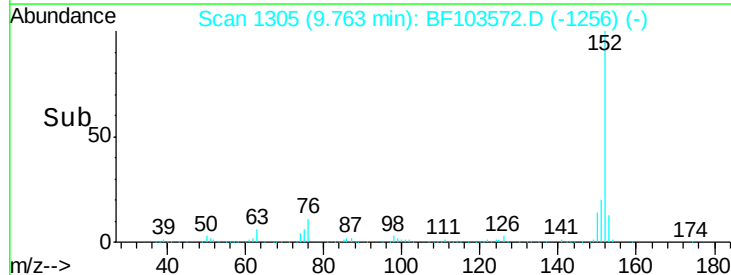
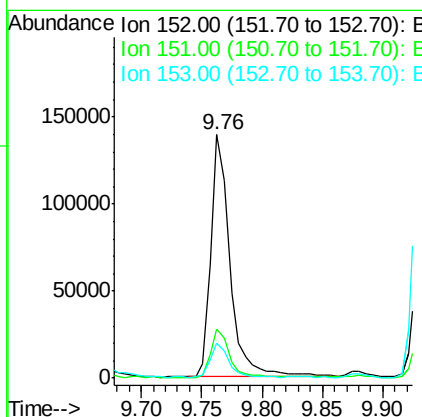
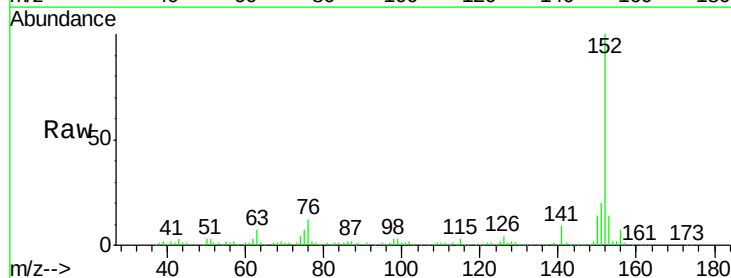
Instrument :
BNA_F
ClientSampleId :
TP-1-3FT

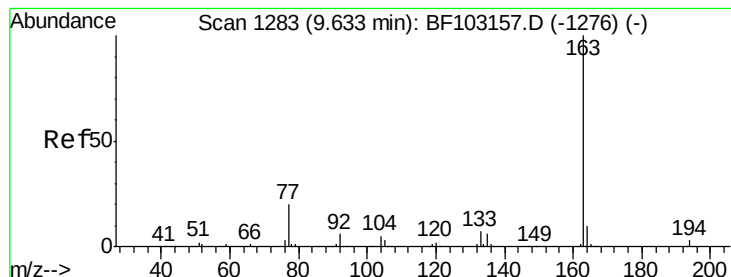
Tgt Ion:172 Resp: 1012262
Ion Ratio Lower Upper
172 100
171 35.2 29.7 44.5
170 24.1 19.6 29.4



#48
Acenaphthylene
Concen: 5.529 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF103572.D
Acq: 12 Mar 2018 10:53

Tgt Ion:152 Resp: 153155
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 14.3 10.7 16.1





#49

Dimethylphthalate

Concen: 4.265 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF103572.D

Acq: 12 Mar 2018 10:53

Instrument :

BNA_F

ClientSampleId :

TP-1-3FT

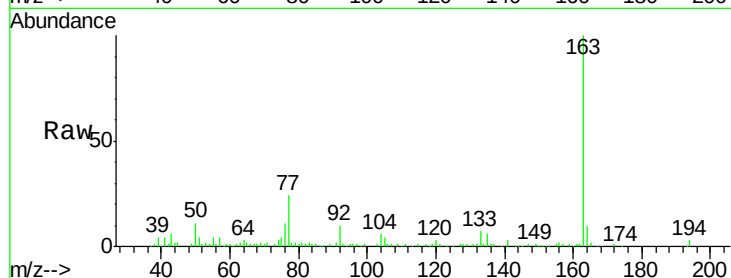
Tgt Ion:163 Resp: 92926

Ion Ratio Lower Upper

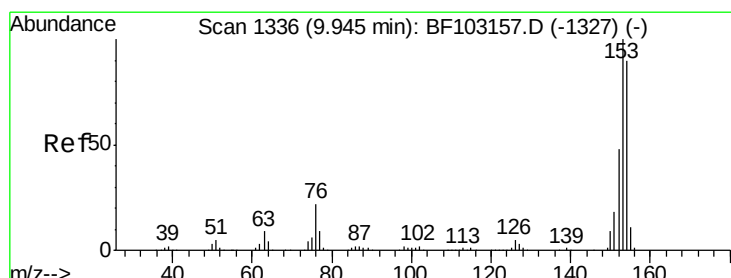
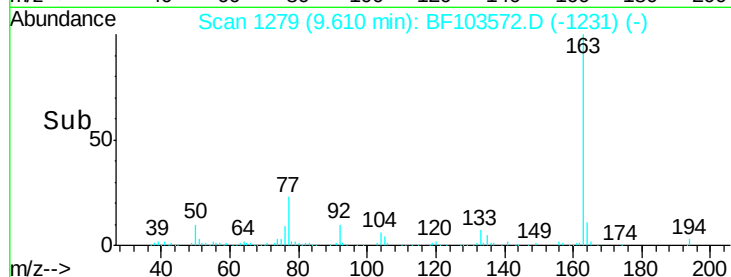
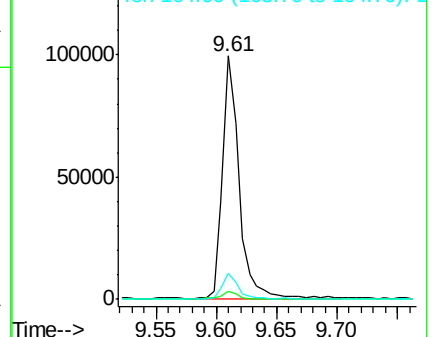
163 100

194 3.1 2.7 4.1

164 10.5 8.2 12.2



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



#51

Acenaphthene

Concen: 8.422 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF103572.D

Acq: 12 Mar 2018 10:53

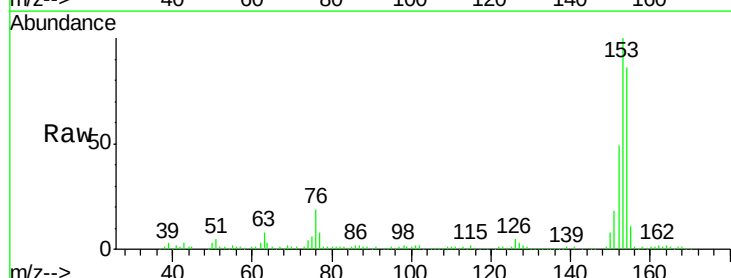
Tgt Ion:154 Resp: 136045

Ion Ratio Lower Upper

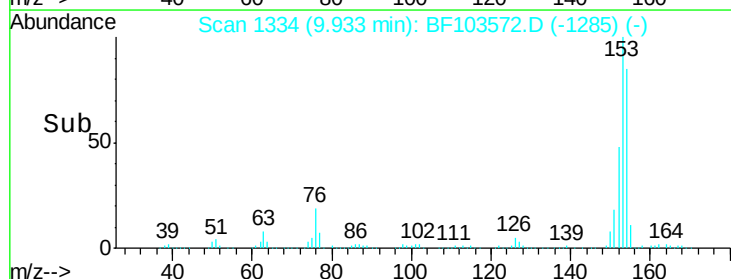
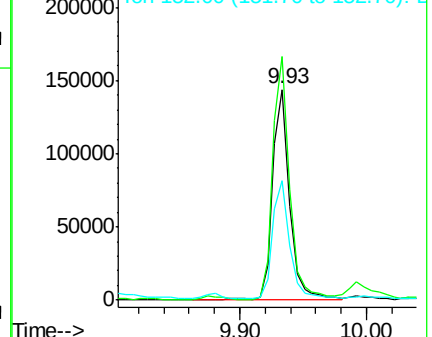
154 100

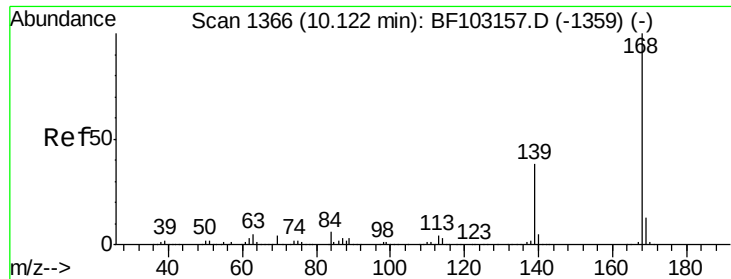
153 115.7 91.2 136.8

152 56.6 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

Dibenzenofuran

Concen: 4.824 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF103572.D

Acq: 12 Mar 2018 10:53

Instrument :

BNA_F

ClientSampleId :

TP-1-3FT

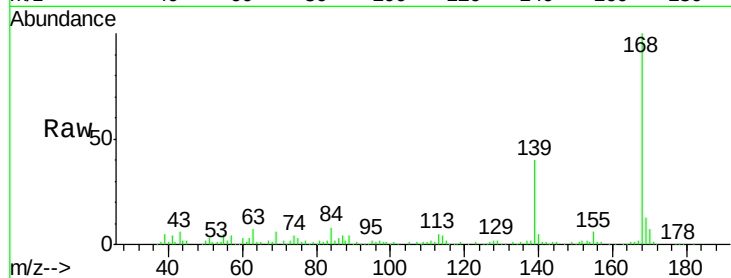
Tgt Ion:168 Resp: 106964

Ion Ratio Lower Upper

168 100

139 40.3 30.1 45.1

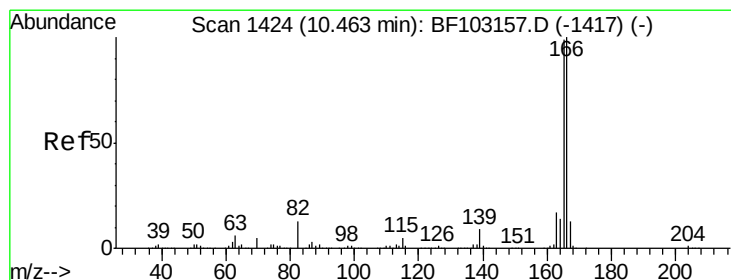
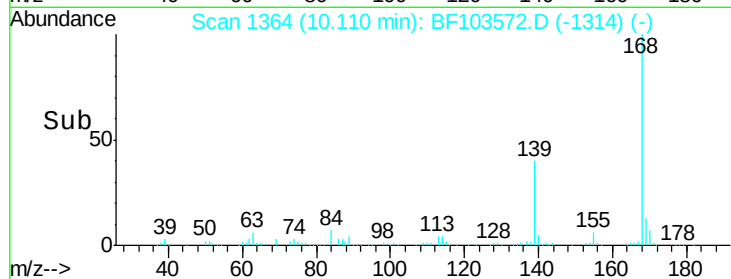
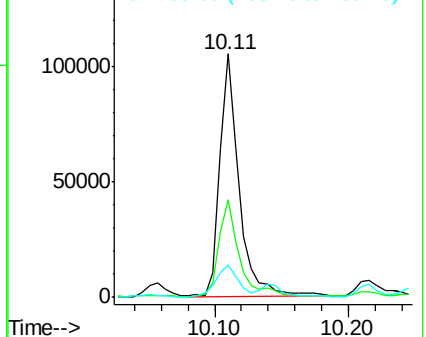
169 13.4 10.9 16.3



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



#57

Fluorene

Concen: 11.618 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF103572.D

Acq: 12 Mar 2018 10:53

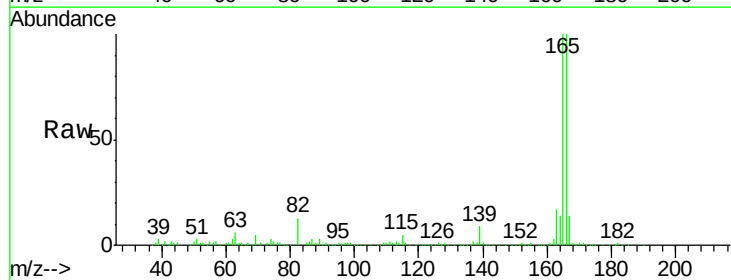
Tgt Ion:166 Resp: 219464

Ion Ratio Lower Upper

166 100

165 99.8 79.8 119.8

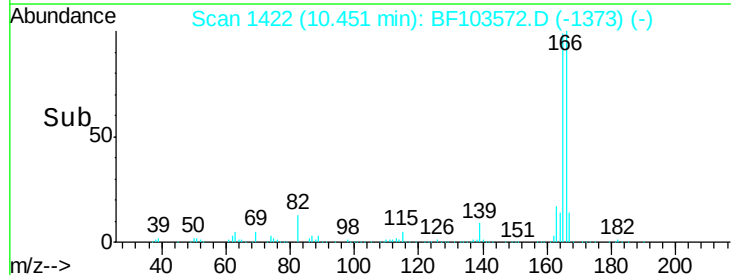
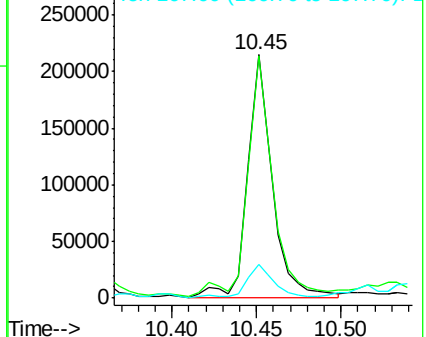
167 14.0 10.6 16.0

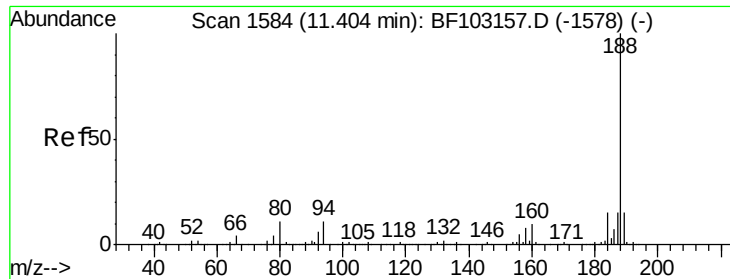


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

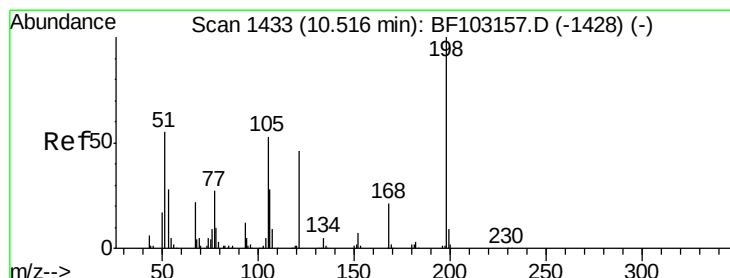
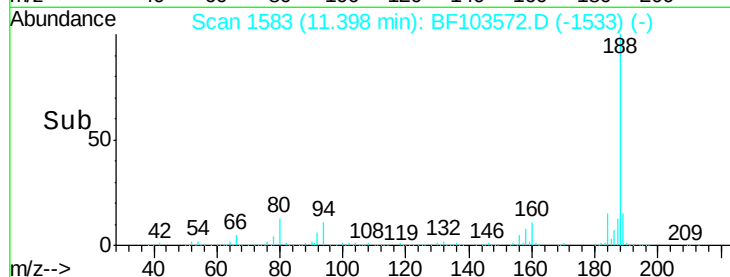
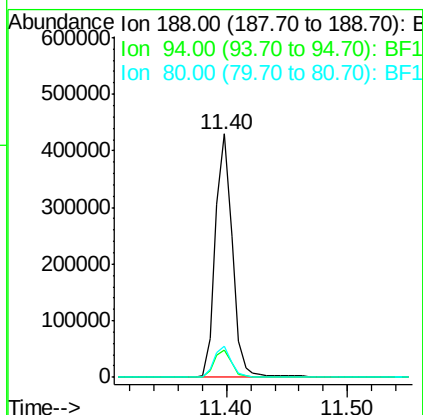
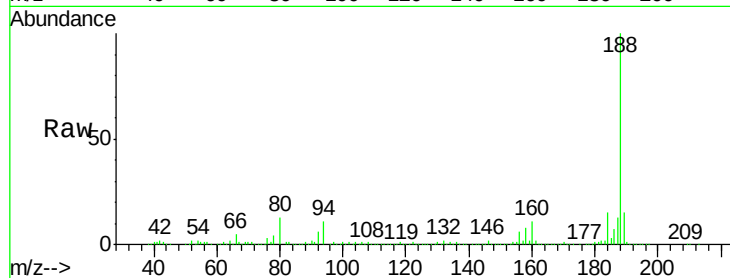




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103572.D
Acq: 12 Mar 2018 10:53

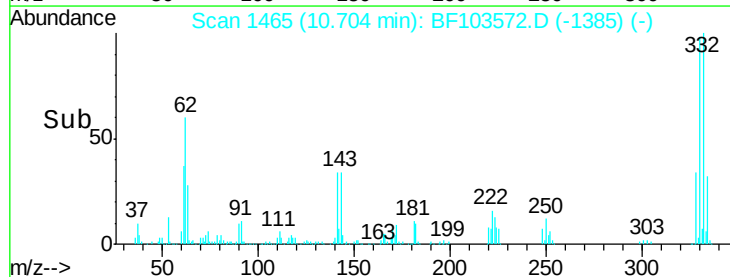
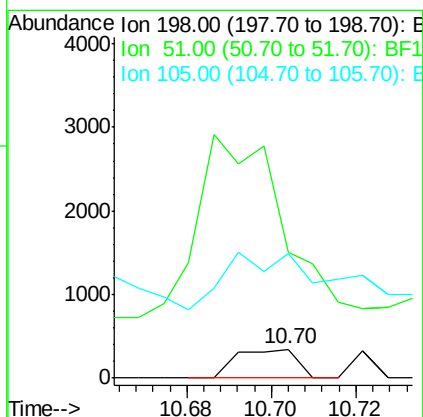
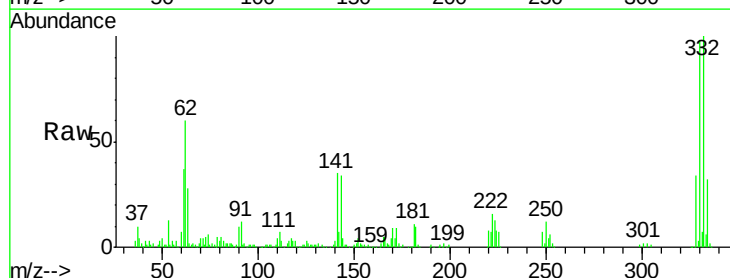
Instrument :
BNA_F
ClientSampleId :
TP-1-3FT

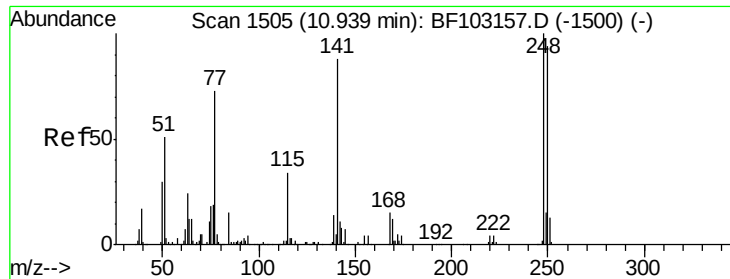
Tgt Ion:188 Resp: 415267
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 12.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.067 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.17 min
Lab File: BF103572.D
Acq: 12 Mar 2018 10:53

Tgt Ion:198 Resp: 342
Ion Ratio Lower Upper
198 100
51 434.9 37.7 77.7#
105 430.3 36.3 76.3#

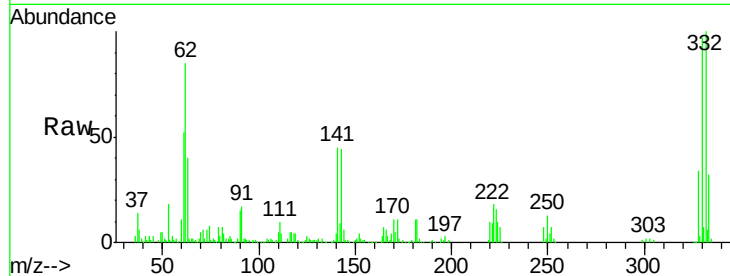




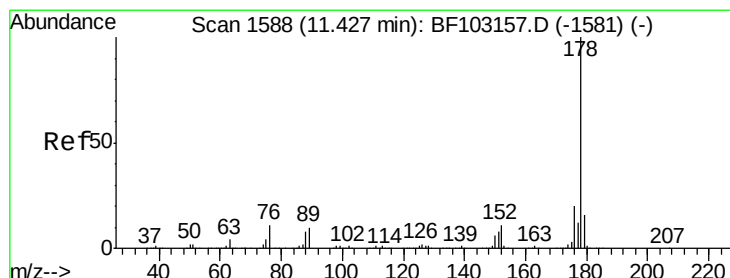
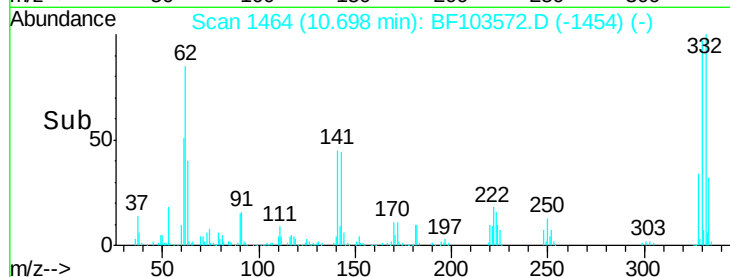
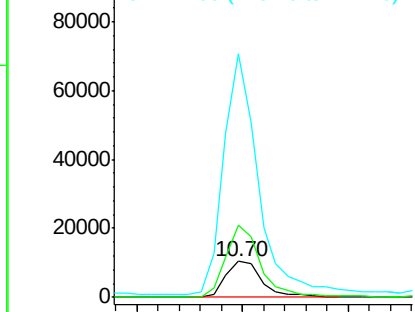
#66
 4-Bromophenyl-phenylether
 Concen: 2.848 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.24 min
 Lab File: BF103572.D
 Acq: 12 Mar 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FT

Tgt Ion:248 Resp: 12319
 Ion Ratio Lower Upper
 248 100
 250 200.8 76.9 115.3#
 141 676.0 74.4 111.6#

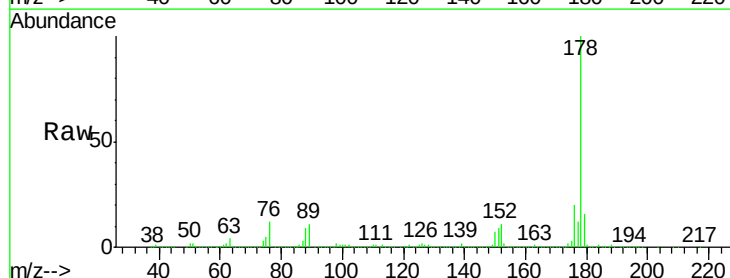


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

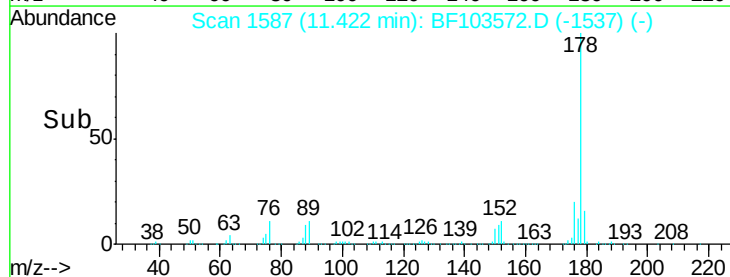
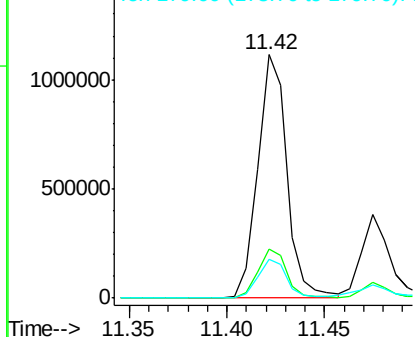


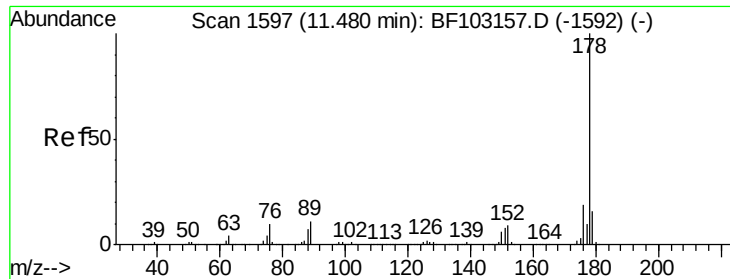
#70
 Phenanthrene
 Concen: 50.129 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF103572.D
 Acq: 12 Mar 2018 10:53

Tgt Ion:178 Resp: 1145616
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.7 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

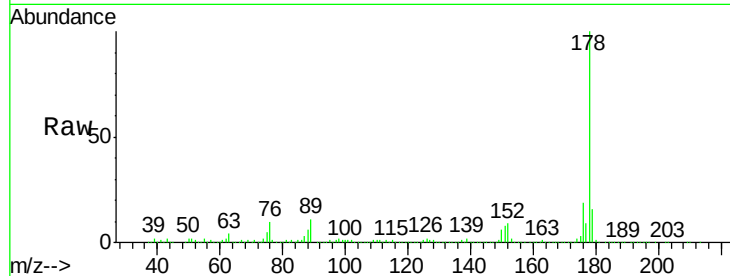




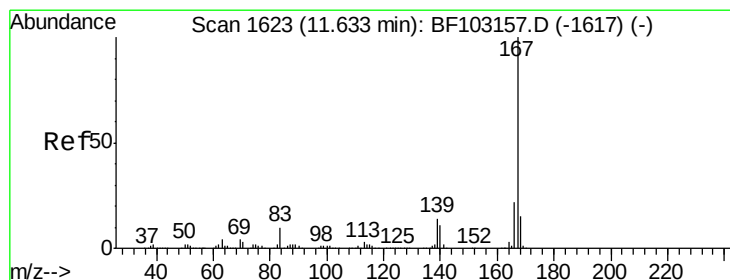
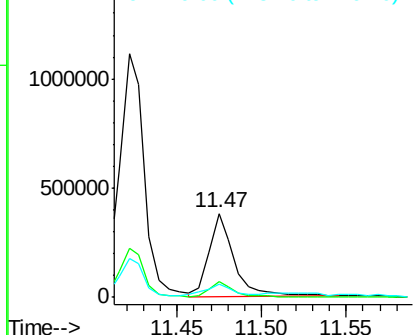
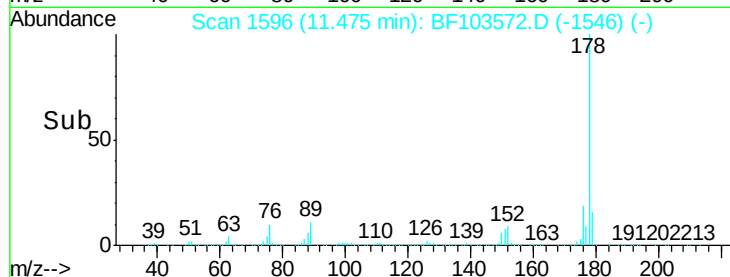
#71
 Anthracene
 Concen: 16.614 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF103572.D
 Acq: 12 Mar 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FT

Tgt Ion:178 Resp: 389355
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 16.2 12.6 19.0

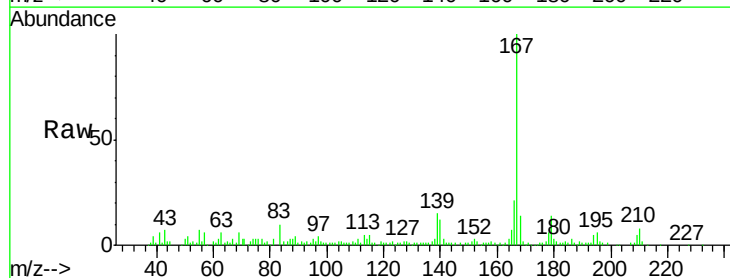


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

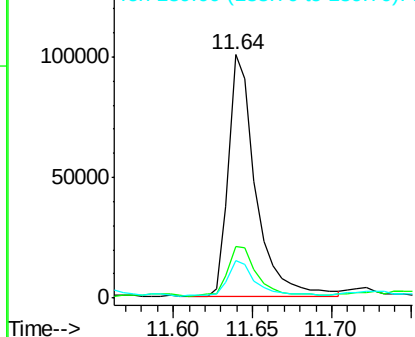
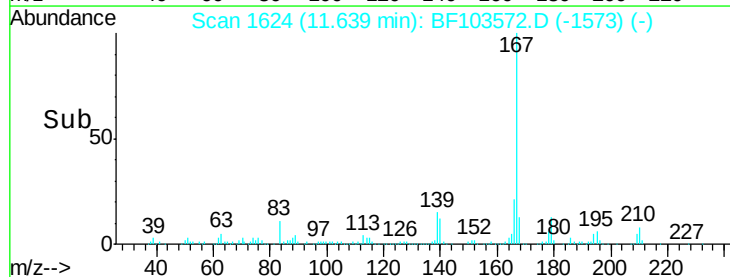


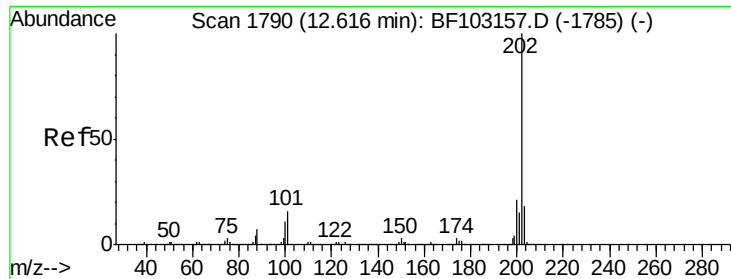
#72
 Carbazole
 Concen: 5.109 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103572.D
 Acq: 12 Mar 2018 10:53

Tgt Ion:167 Resp: 119236
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.6 26.4
 139 15.4 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

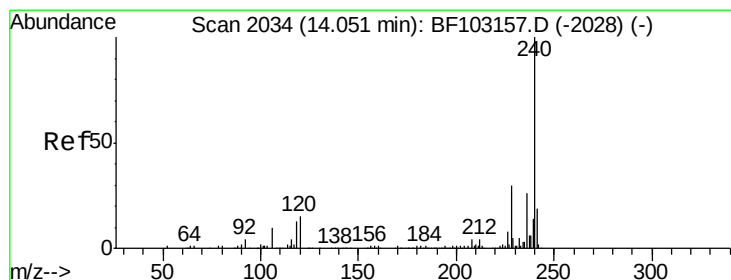
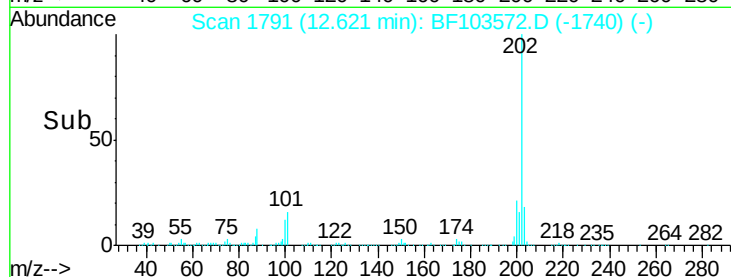
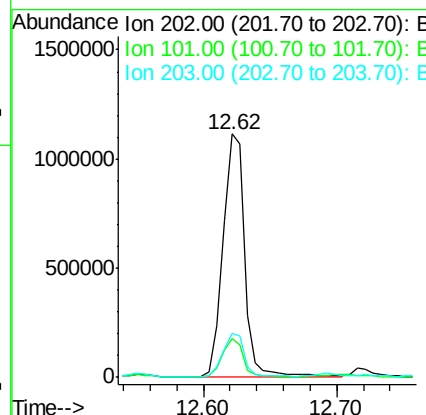
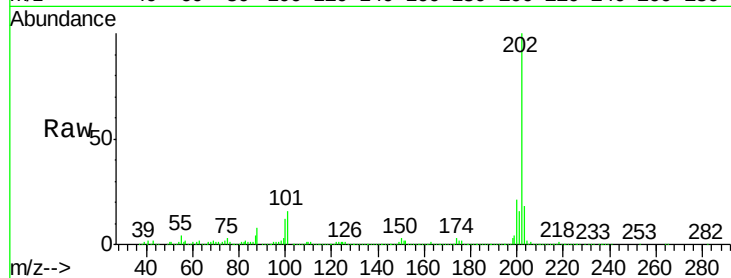




#74
 Fluoranthene
 Concen: 56.076 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BF103572.D
 Acq: 12 Mar 2018 10:53

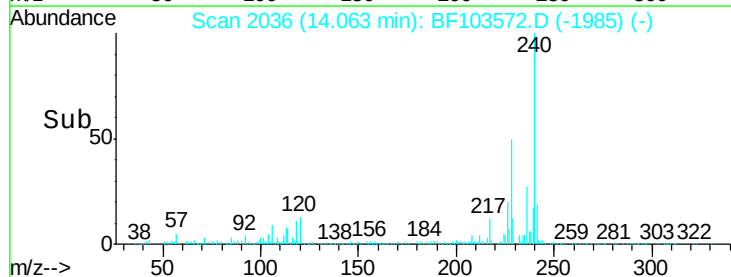
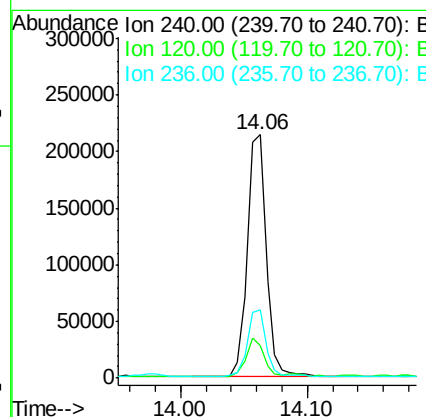
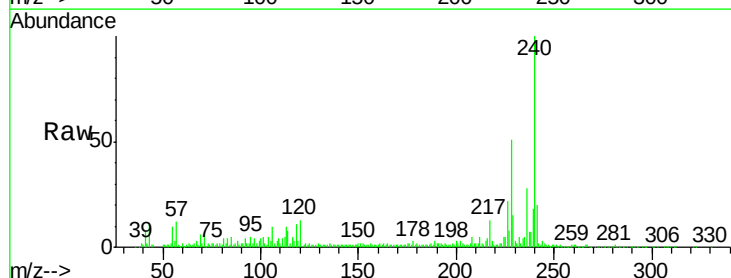
Instrument :
 BNA_F
 ClientSampled :
 TP-1-3FT

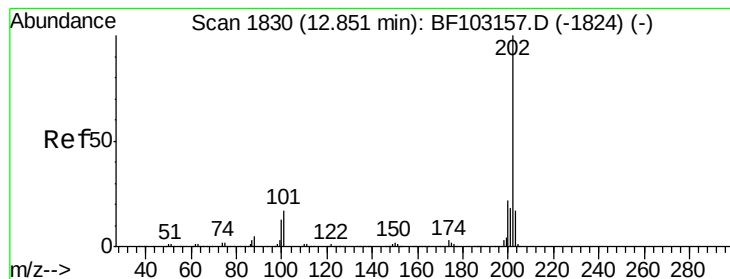
Tgt Ion:202 Resp: 1287788
 Ion Ratio Lower Upper
 202 100
 101 16.1 0.0 34.1
 203 17.9 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BF103572.D
 Acq: 12 Mar 2018 10:53

Tgt Ion:240 Resp: 222177
 Ion Ratio Lower Upper
 240 100
 120 13.5 9.5 14.3
 236 28.0 20.7 31.1





#77

Pyrene

Concen: 79.025 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF103572.D

Acq: 12 Mar 2018 10:53

Instrument :

BNA_F

ClientSampleId :

TP-1-3FT

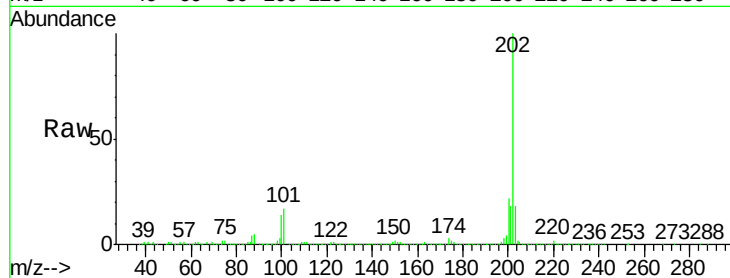
Tgt Ion:202 Resp: 1368886

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

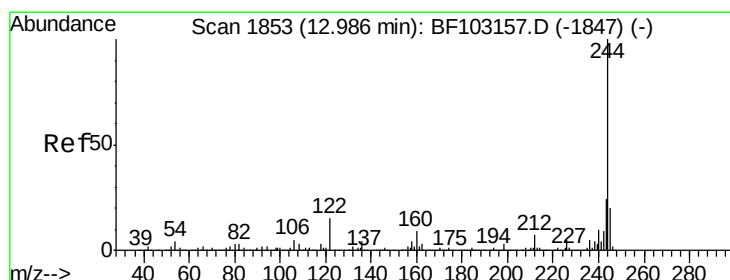
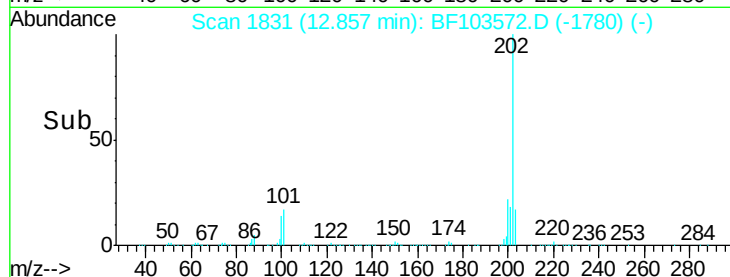
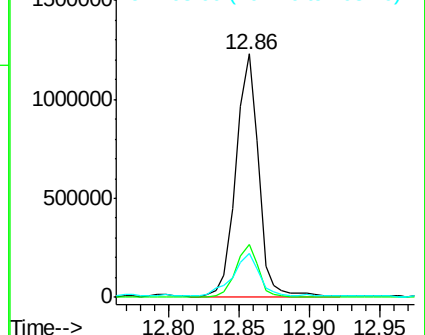
203 18.0 14.3 21.5



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: 72.026 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103572.D

Acq: 12 Mar 2018 10:53

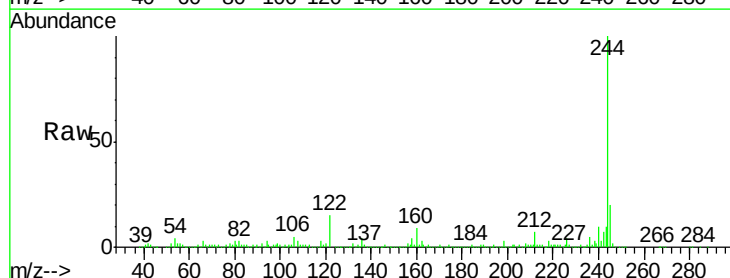
Tgt Ion:244 Resp: 665701

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

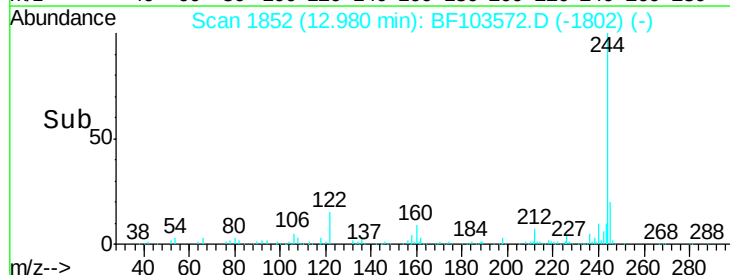
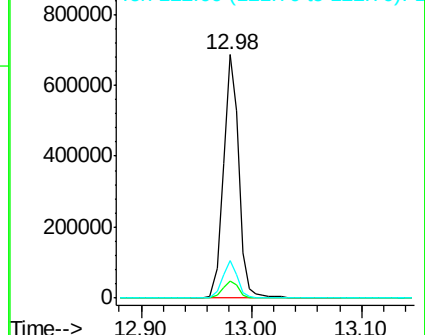
122 15.2 11.0 16.4

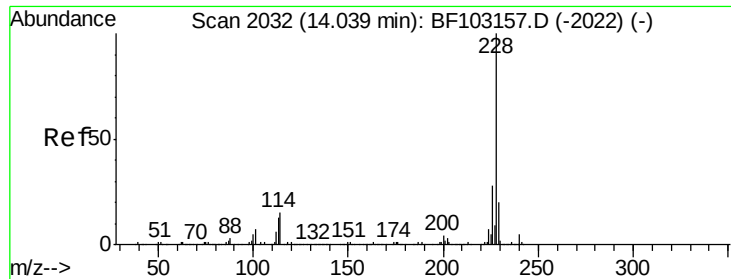


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

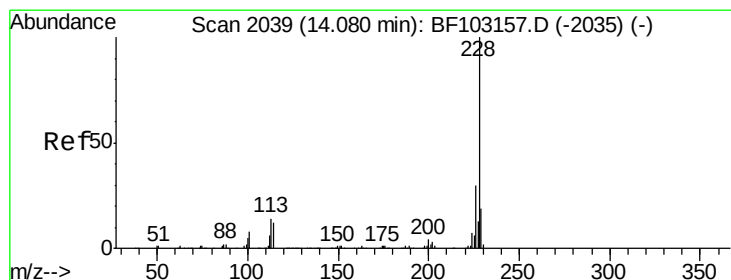
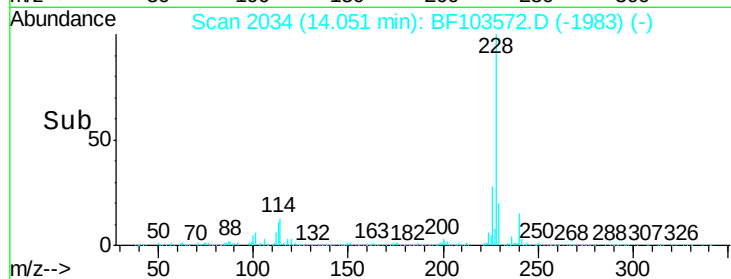
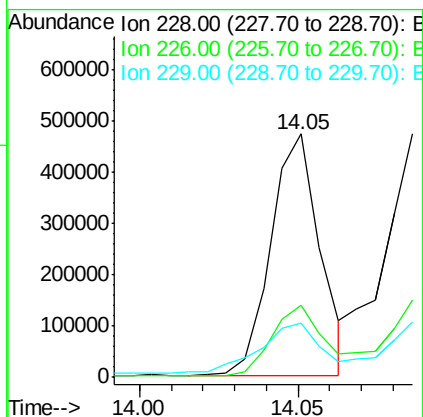
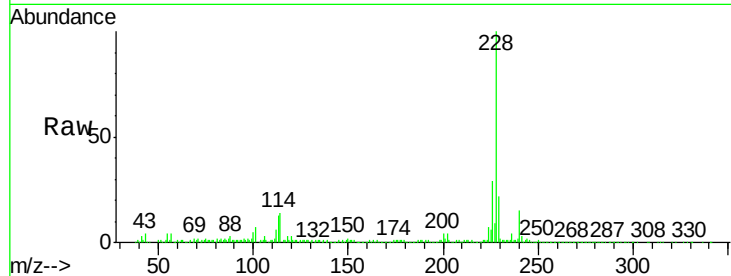




#80
Benzo(a)anthracene
Concen: 35.054 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF103572.D
Acq: 12 Mar 2018 10:53

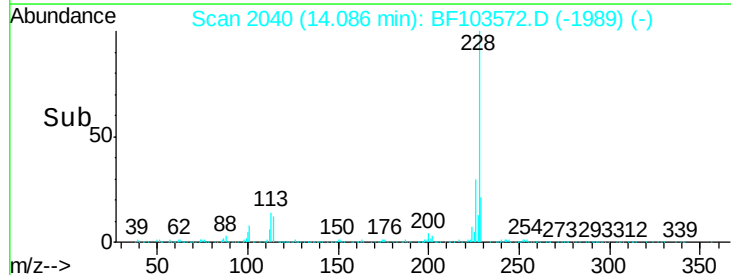
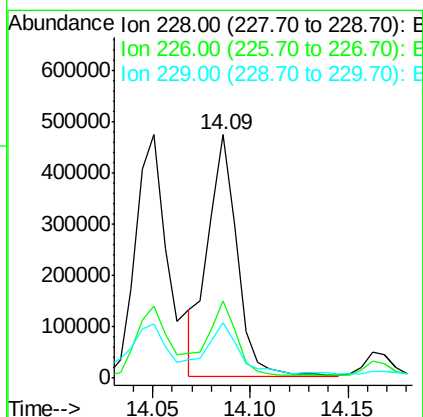
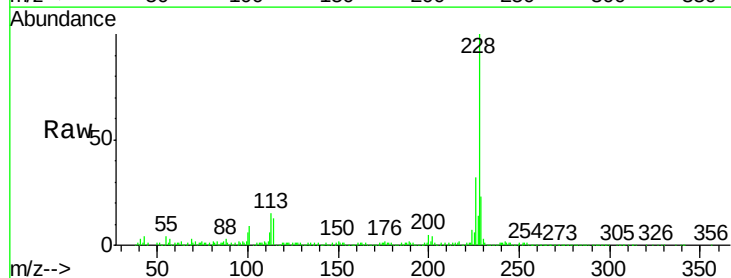
Instrument :
BNA_F
ClientSampleId :
TP-1-3FT

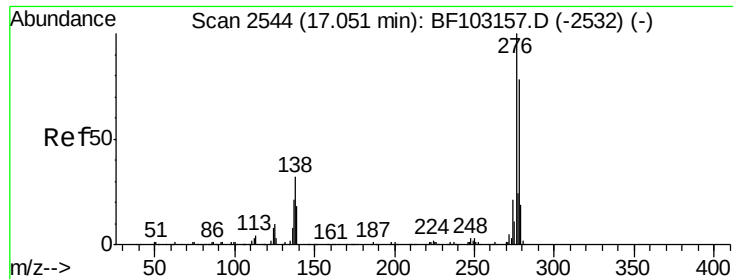
Tgt Ion:228 Resp: 505328
Ion Ratio Lower Upper
228 100
226 29.4 22.6 33.8
229 22.2 15.8 23.6



#82
Chrysene
Concen: 34.990 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BF103572.D
Acq: 12 Mar 2018 10:53

Tgt Ion:228 Resp: 489757
Ion Ratio Lower Upper
228 100
226 31.6 25.0 37.6
229 22.7 16.2 24.4

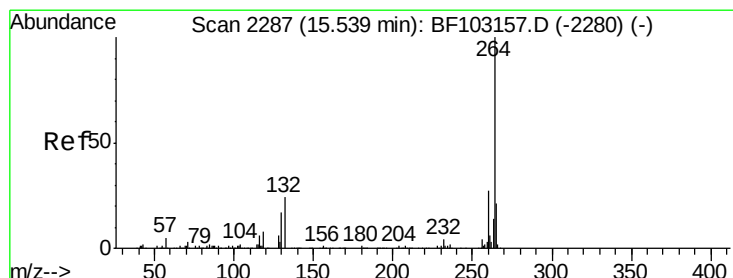
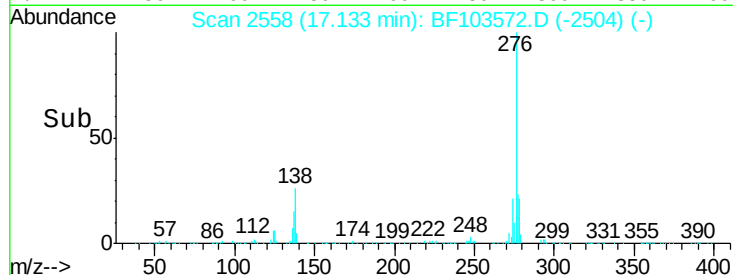
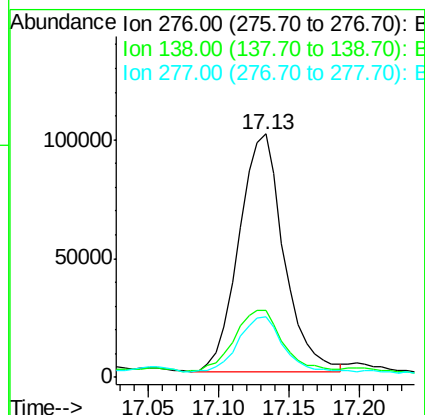
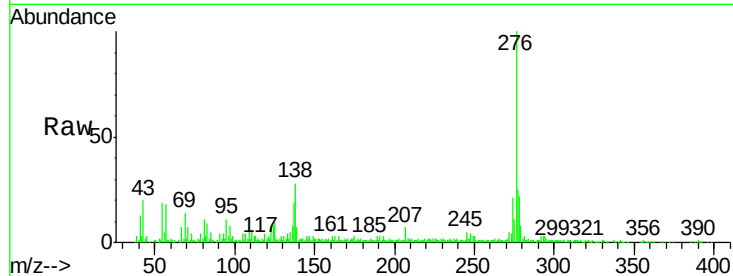




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 20.114 ng
 RT: 17.13 min Scan# 2558
 Delta R.T. 0.02 min
 Lab File: BF103572.D
 Acq: 12 Mar 2018 10:53

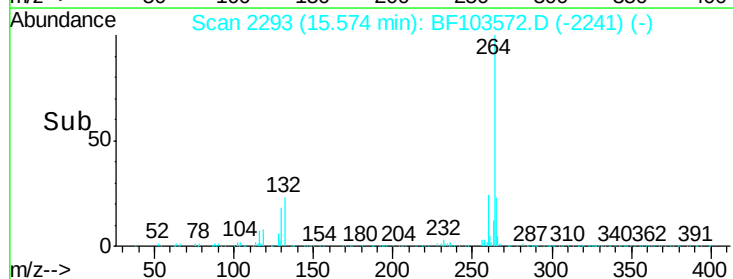
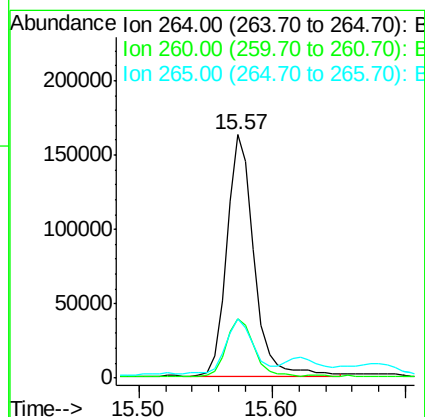
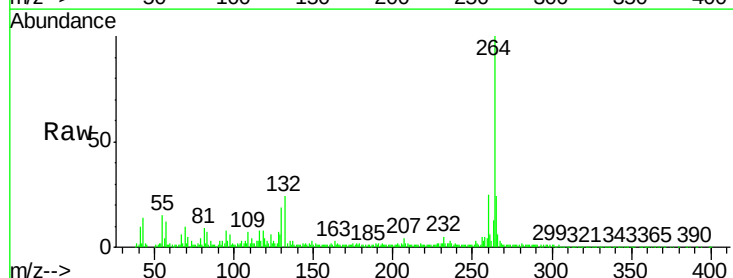
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FT

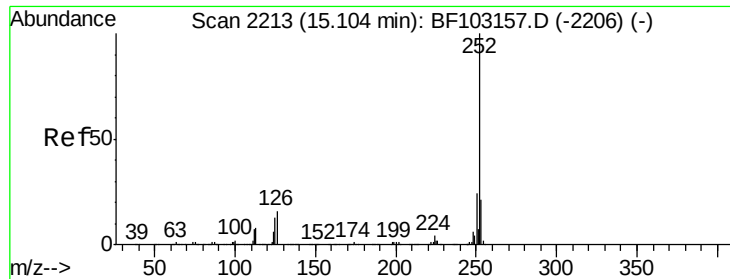
Tgt Ion:	276	Resp:	222889
Ion	Ratio	Lower	Upper
276	100		
138	27.2	25.0	37.6
277	23.4	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. 0.01 min
 Lab File: BF103572.D
 Acq: 12 Mar 2018 10:53

Tgt Ion:	264	Resp:	232433
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	24.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 47.712 ng

RT: 15.13 min Scan# 2218

Delta R.T. 0.01 min

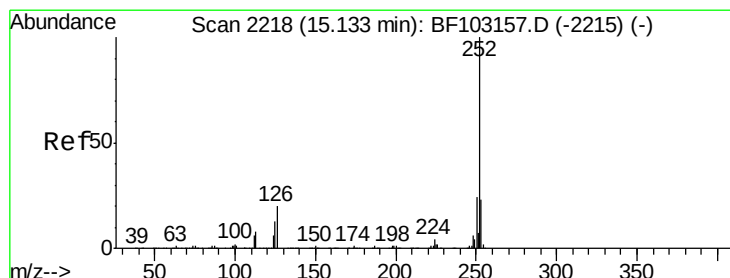
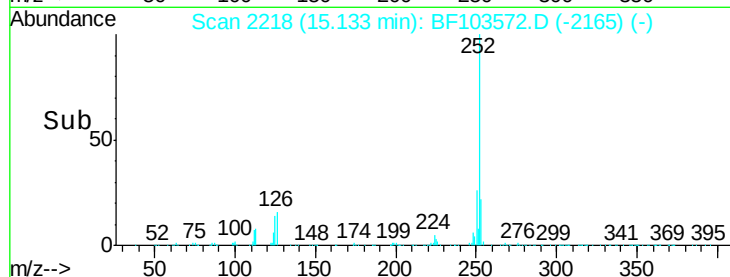
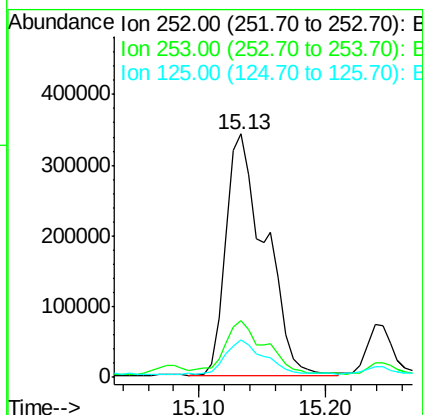
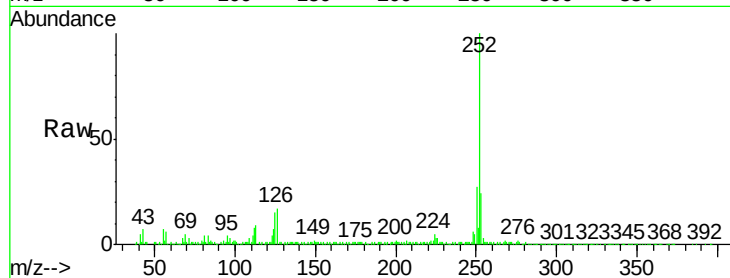
Lab File: BF103572.D

Acq: 12 Mar 2018 10:53

Instrument :
BNA_F
ClientSampleId :
TP-1-3FT

Tgt Ion:252 Resp: 729141

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	15.4	9.0	13.6#



#88

Benzo(k)fluoranthene

Concen: 50.691 ng

RT: 15.13 min Scan# 2218

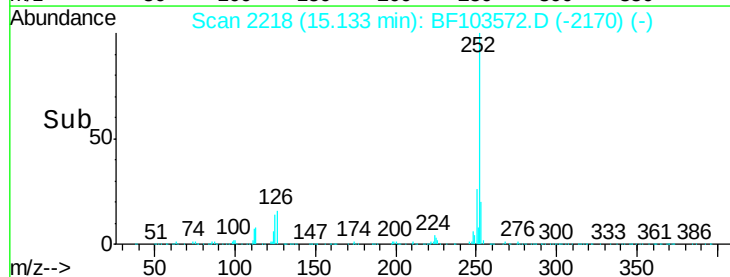
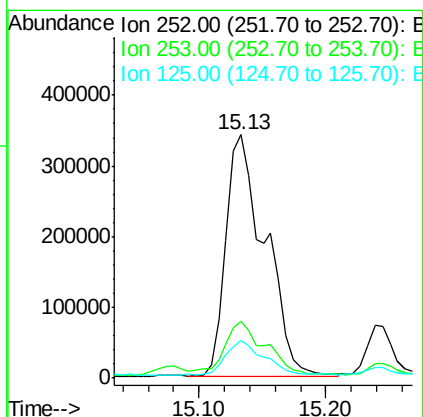
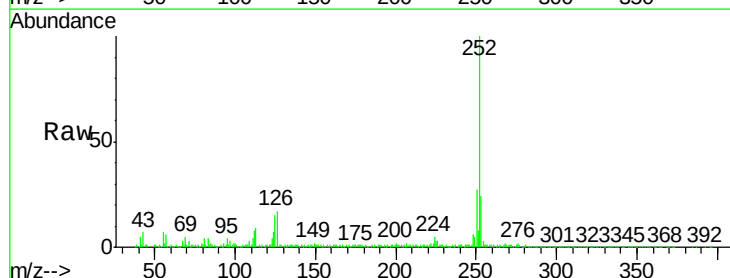
Delta R.T. -0.02 min

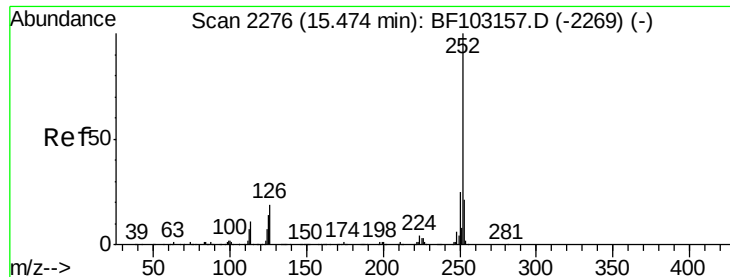
Lab File: BF103572.D

Acq: 12 Mar 2018 10:53

Tgt Ion:252 Resp: 729473

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	15.4	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 35.080 ng

RT: 15.52 min Scan# 2283

Delta R.T. 0.01 min

Lab File: BF103572.D

Acq: 12 Mar 2018 10:53

Instrument :

BNA_F

ClientSampleId :

TP-1-3FT

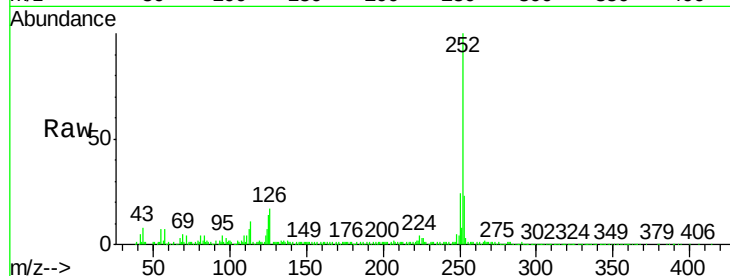
Tgt Ion:252 Resp: 478734

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

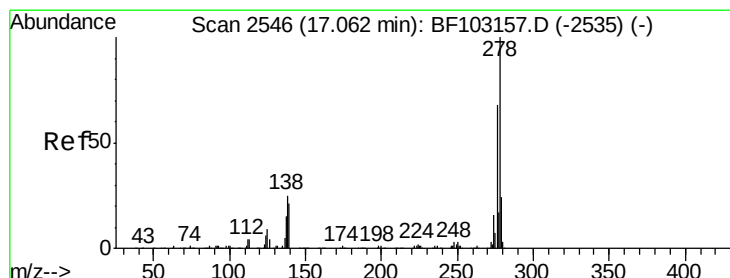
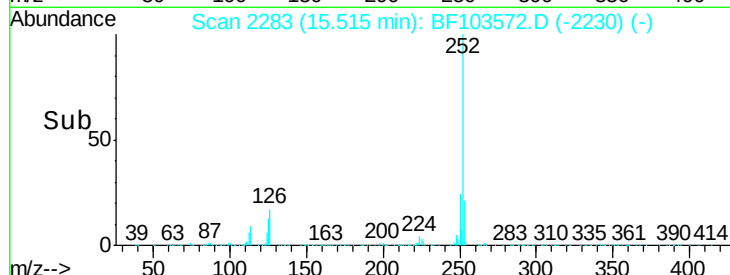
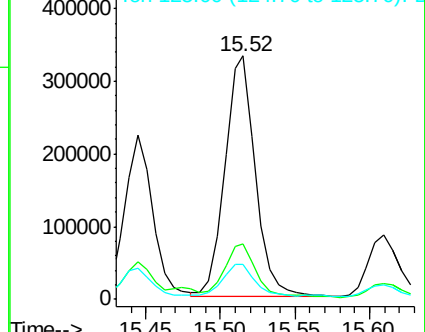
125 14.3 9.8 14.6



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: 5.068 ng

RT: 17.13 min Scan# 2557

Delta R.T. 0.01 min

Lab File: BF103572.D

Acq: 12 Mar 2018 10:53

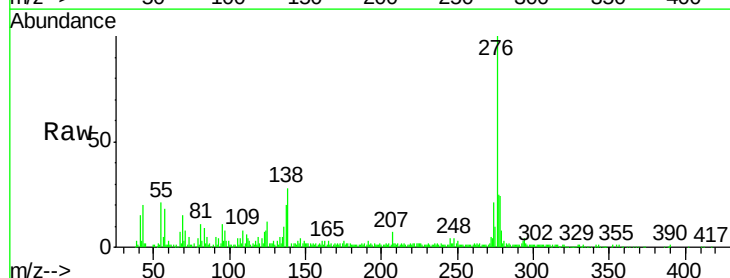
Tgt Ion:278 Resp: 53441

Ion Ratio Lower Upper

278 100

139 0.0 15.9 23.9#

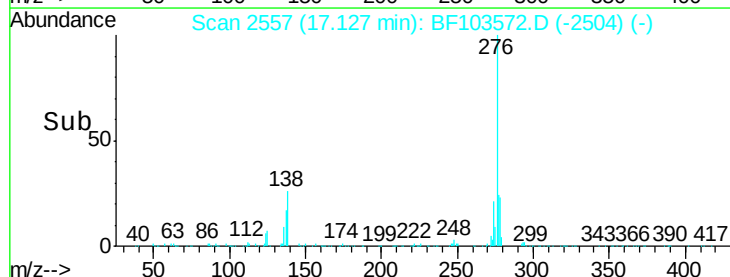
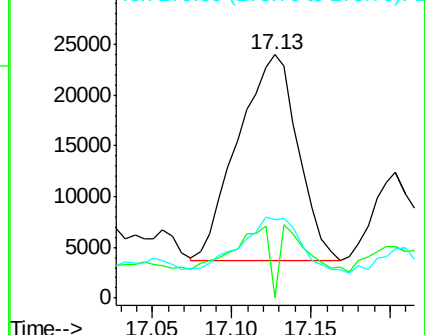
279 32.4 19.0 28.4#

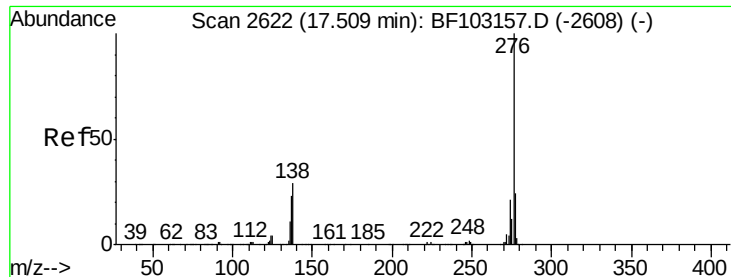


Abundance Ion 278.00 (277.70 to 278.70): E

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: 20.654 ng

RT: 17.60 min Scan# 2638

Delta R.T. 0.02 min

Lab File: BF103572.D

Acq: 12 Mar 2018 10:53

Instrument :

BNA_F

ClientSampleId :

TP-1-3FT

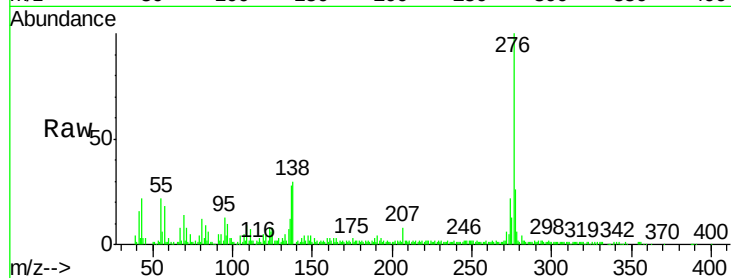
Tgt Ion: 276 Resp: 212868

Ion Ratio Lower Upper

276 100

277 26.5 17.9 26.9

138 30.0 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

