

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103520.D
 Acq On : 8 Mar 2018 16:54
 Operator : SJ/JU
 Sample : J1748-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 23:51:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 08 14:20:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	143892	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	614594	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	253125	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	377751	20.00	ng	0.00
75) Chrysene-d12	14.06	240	244256	20.00	ng	0.00
86) Perylene-d12	15.56	264	203755	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	1022708	107.50	ng	0.00
7) Phenol-d6	6.50	99	1221143	104.89	ng	0.00
23) Nitrobenzene-d5	7.43	82	789787	73.39	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	166380	77.65	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	977462	62.35	ng	0.00
78) Terphenyl-d14	12.99	244	625435	61.55	ng	0.00

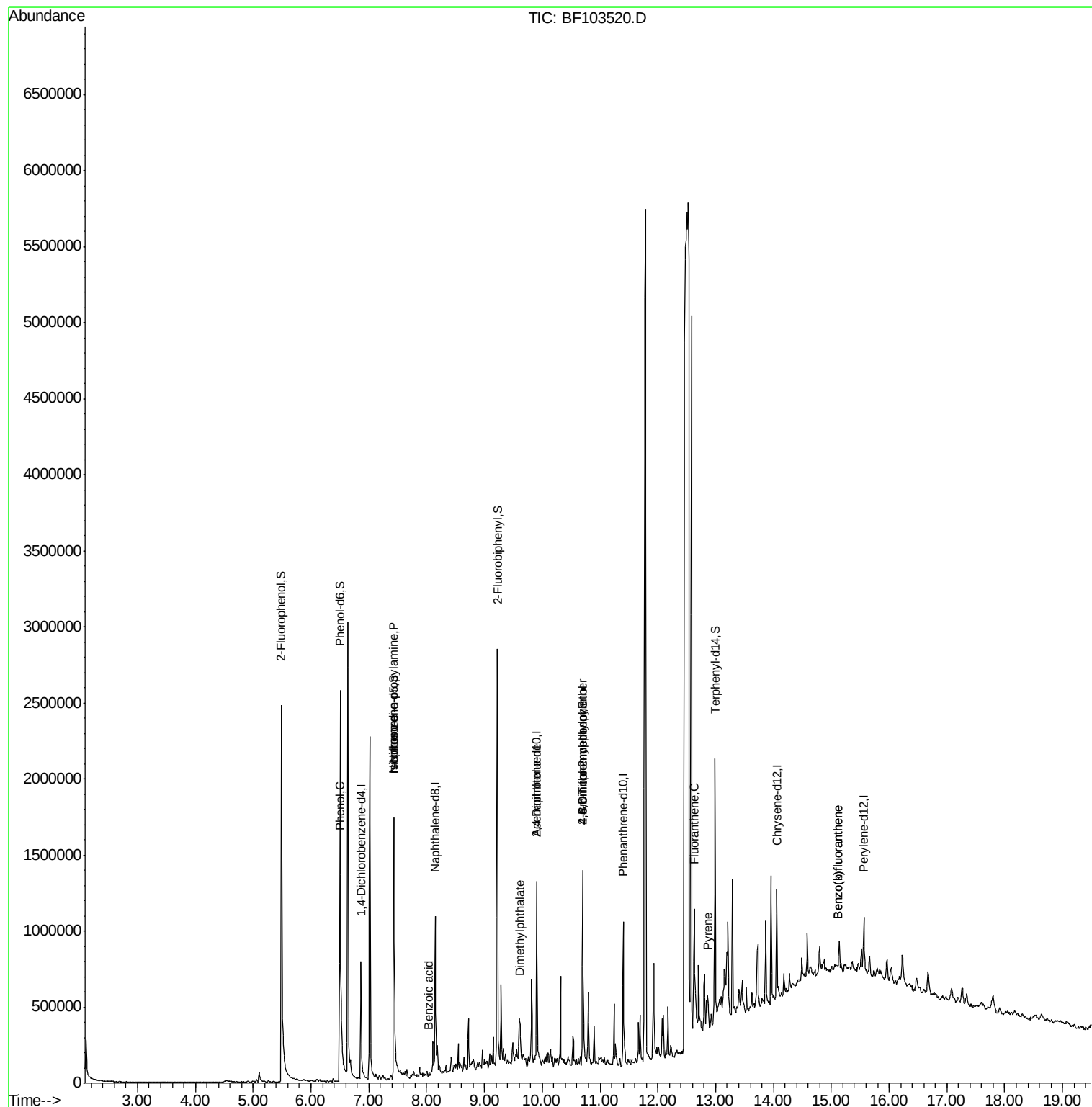
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.50	77	2844	Below Cal		# 12
10) Phenol	6.52	94	27420	2.029	ng	# 14
19) n-Nitroso-di-n-propylamine	7.43	70	106686	14.725	ng	# 79
25) Isophorone	7.43	82	789787	37.262	ng	# 64
32) Benzoic acid	8.03	122	108	6.928	ng	# 1
49) Dimethylphthalate	9.62	163	77075	3.796	ng	# 99
56) 2,4-Dinitrotoluene	9.90	165	37806	7.015	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.70	198	708	5.222	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	11776	2.993	ng	# 1
74) Fluoranthene	12.63	202	45105	2.159	ng	# 85
77) Pyrene	12.87	202	46757	2.455	ng	# 94
87) Benzo(b)fluoranthene	15.12	252	28586	2.134	ng	# 47
88) Benzo(k)fluoranthene	15.12	252	28586	2.266	ng	# 50

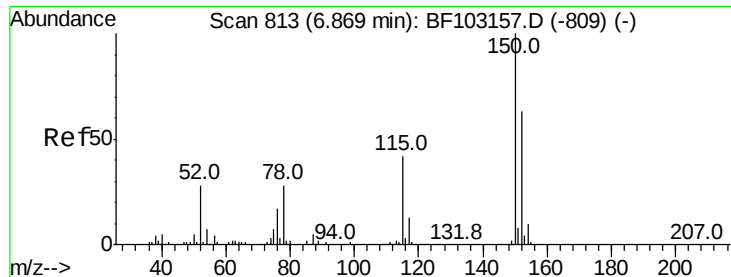
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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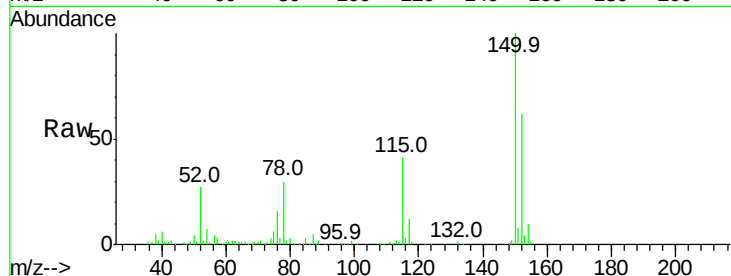


#1

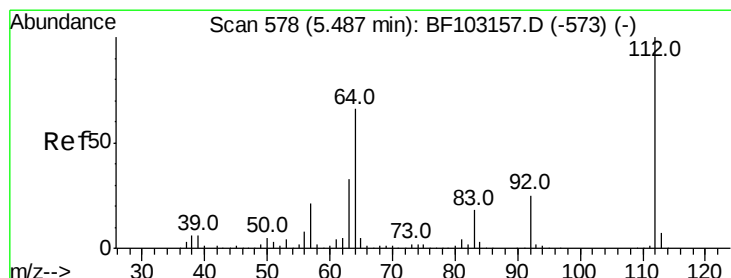
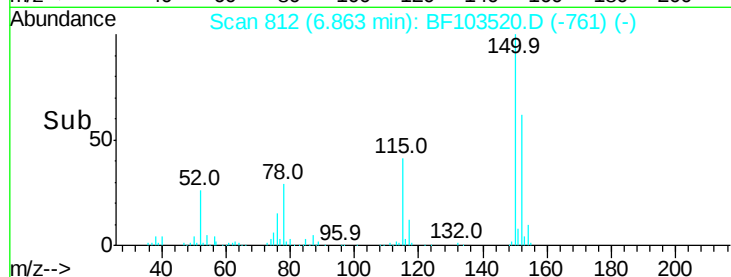
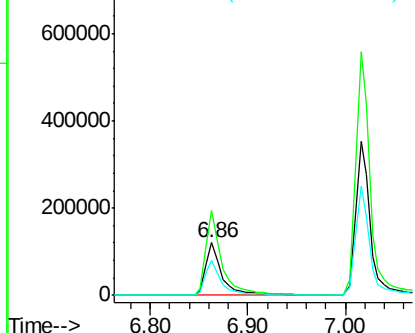
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143892
Ion Ratio Lower Upper
152 100
150 161.5 124.6 186.8
115 65.9 50.1 75.1



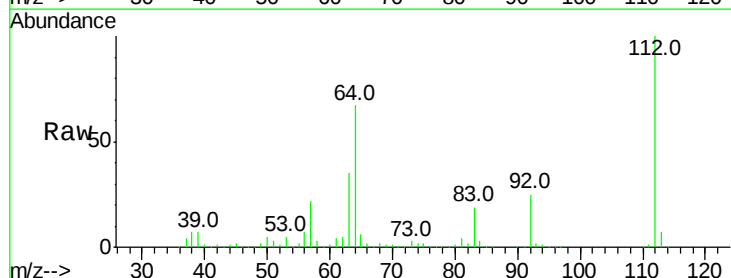
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



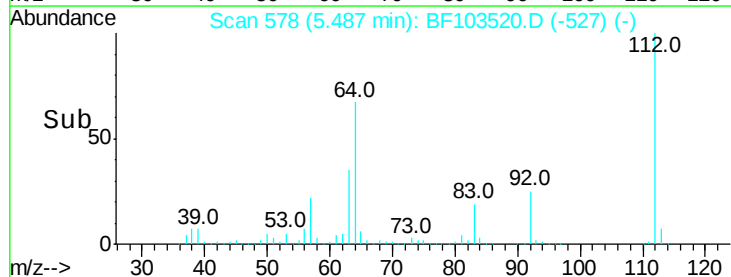
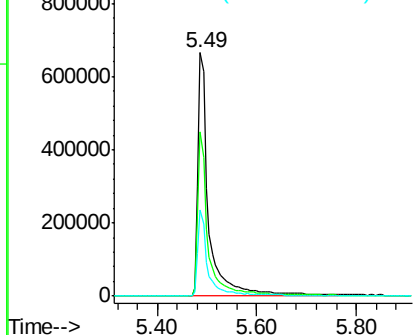
#5

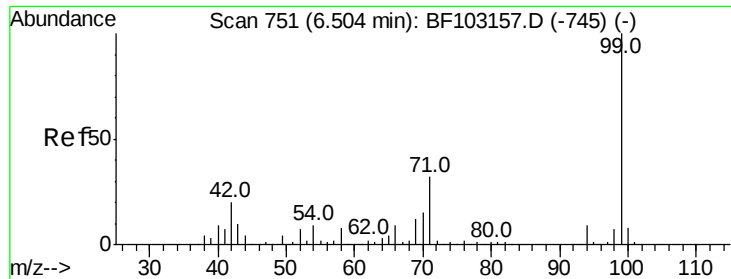
2-Fluorophenol
Concen: 107.495 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Tgt Ion:112 Resp: 1022708
Ion Ratio Lower Upper
112 100
64 67.4 47.9 71.9
63 35.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 104.893 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103520.D

Acq: 8 Mar 2018 16:54

Instrument :
BNA_F
ClientSampleId :

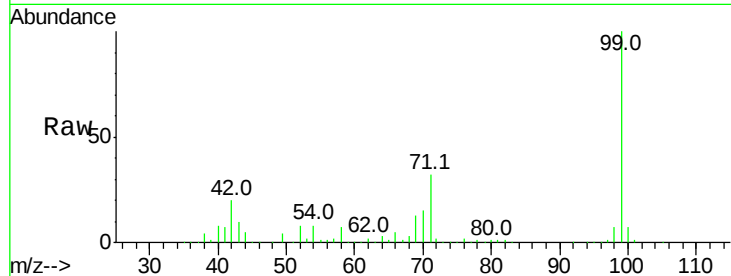
Tot Ion: 99 Resp: 1221143

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.5	21.7
71	31.9	25.4	38.0

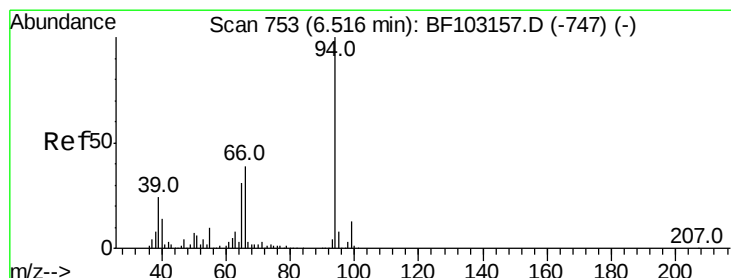
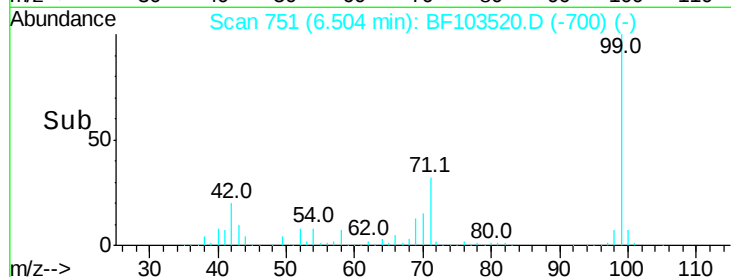
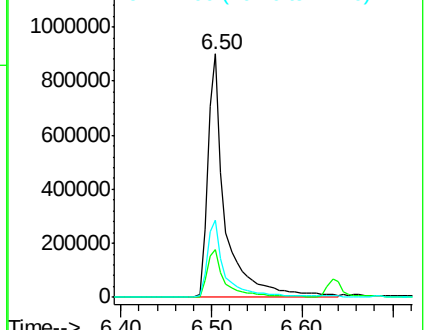
99 100

42 19.9 14.5 21.7

71 31.9 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



#10

Phenol

Concen: 2.029 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103520.D

Acq: 8 Mar 2018 16:54

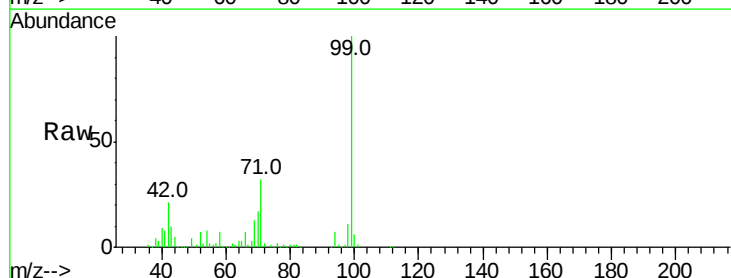
Tgt Ion: 94 Resp: 27420

Ion	Ratio	Lower	Upper
94	100		
65	48.6	7.9	47.9#
66	107.9	16.2	56.2#

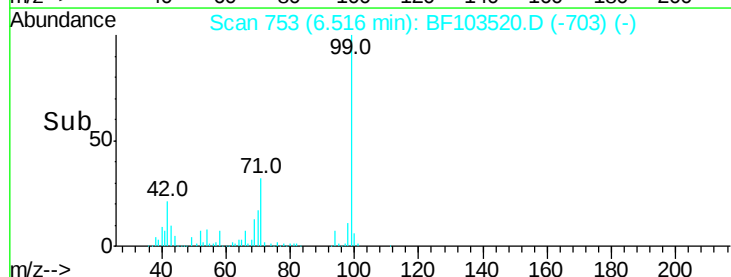
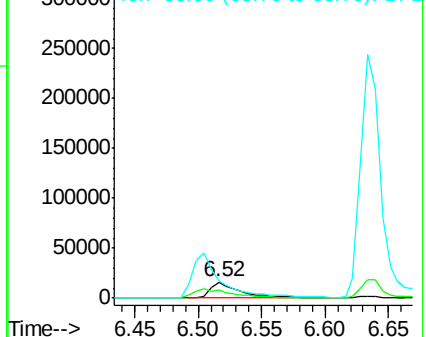
94 100

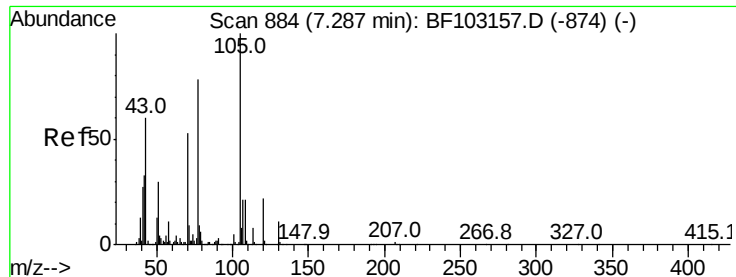
65 48.6 7.9 47.9#

66 107.9 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

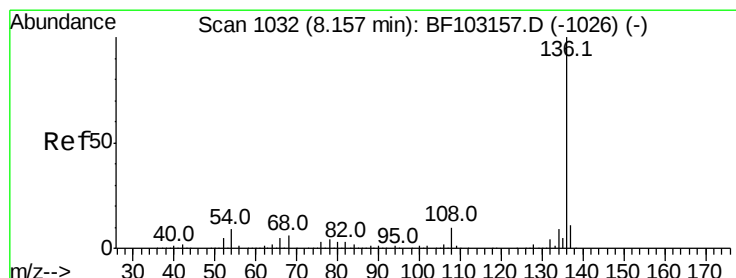
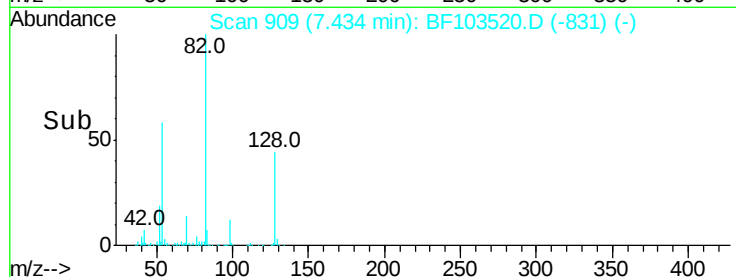
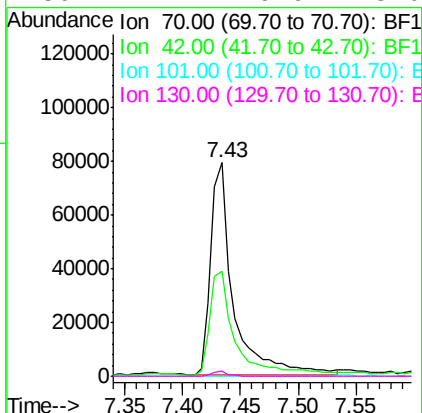
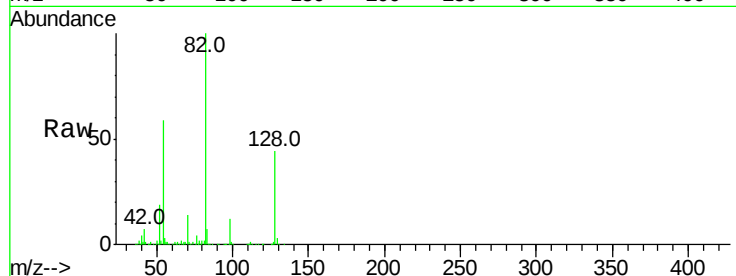




#19
n-Nitroso-di-n-propylamine
Concen: 14.725 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.16 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

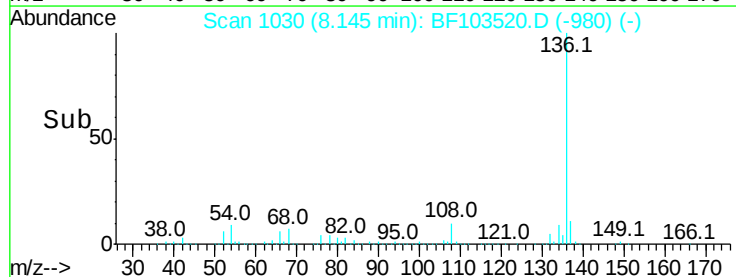
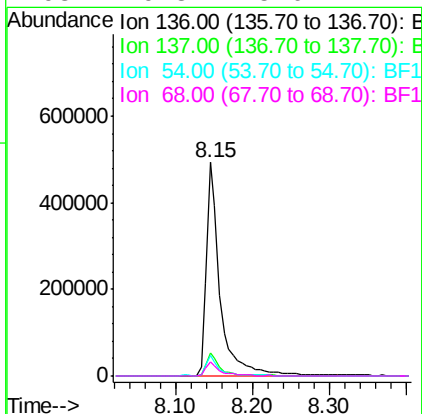
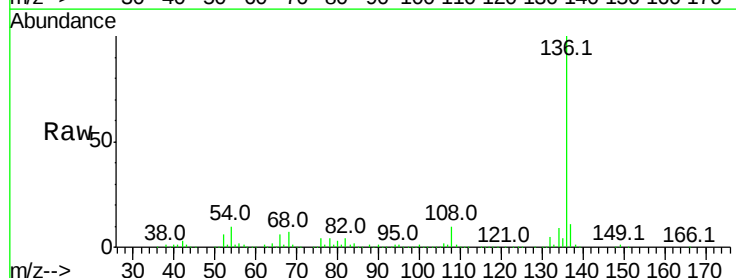
Instrument :
BNA_F
ClientSampleId :

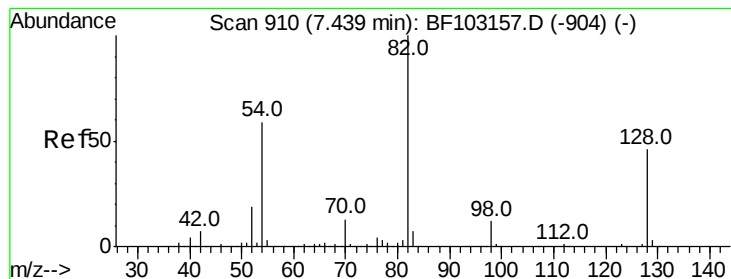
Tot Ion: 70 Resp: 106686
Ion Ratio Lower Upper
70 100
42 49.1 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Tgt Ion: 136 Resp: 614594
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.6 6.6 9.8
68 6.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 73.387 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF103520.D

Acq: 8 Mar 2018 16:54

Instrument :

BNA_F

ClientSampled :

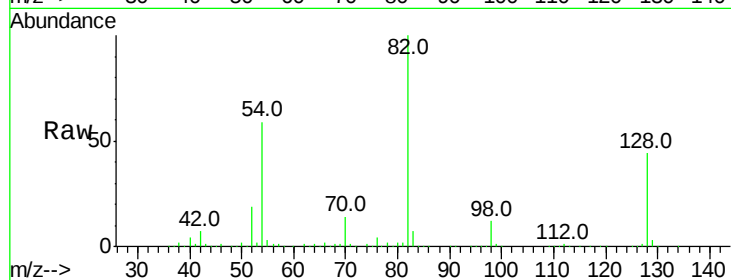
Tot Ion: 82 Resp: 789787

Ion Ratio Lower Upper

82 100

128 44.4 36.1 54.1

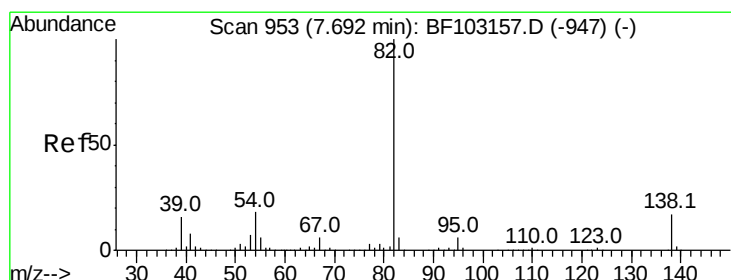
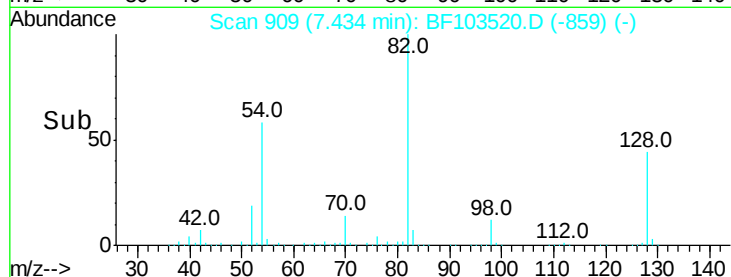
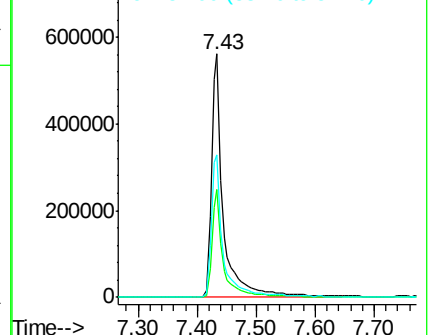
54 58.5 41.4 62.2



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: 37.262 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.25 min

Lab File: BF103520.D

Acq: 8 Mar 2018 16:54

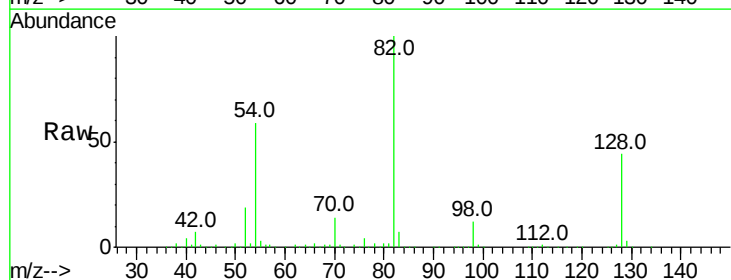
Tgt Ion: 82 Resp: 789787

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

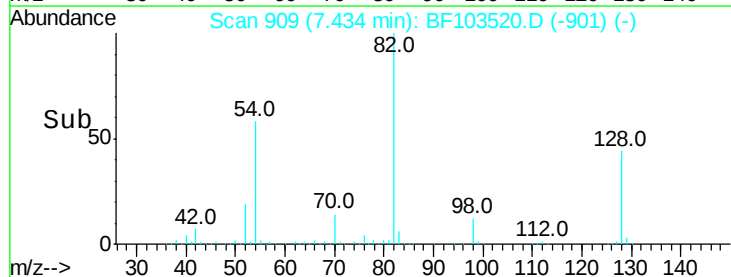
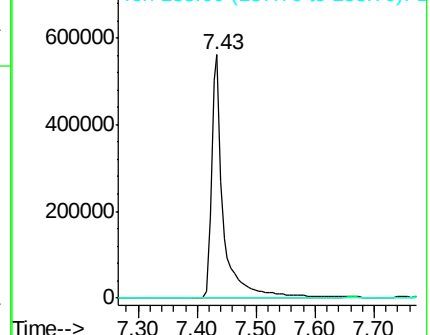
138 0.0 14.9 22.3#

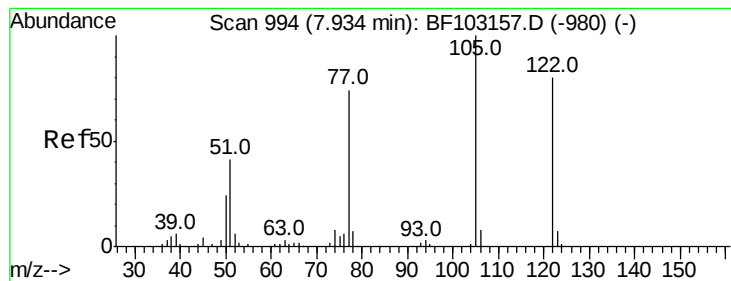


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#32

Benzoic acid

Concen: 6.928 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.06 min

Lab File: BF103520.D

Acq: 8 Mar 2018 16:54

Instrument :

BNA_F

ClientSampleId :

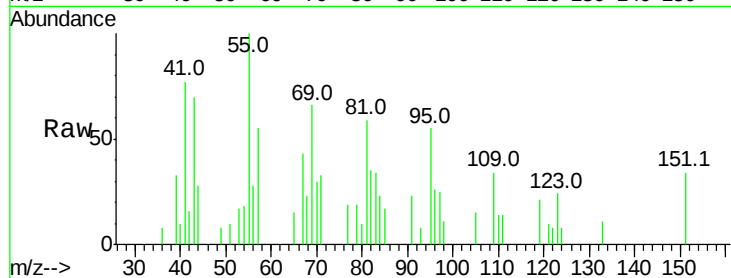
Tot Ion:122 Resp: 108

Ion Ratio Lower Upper

122 100

105 194.8 101.1 141.1#

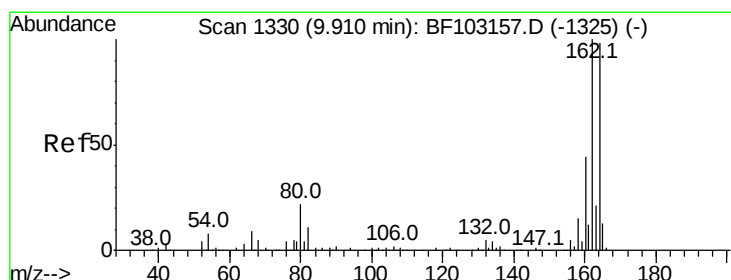
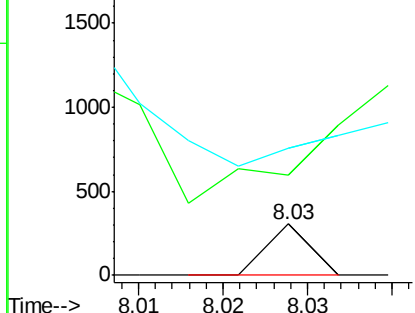
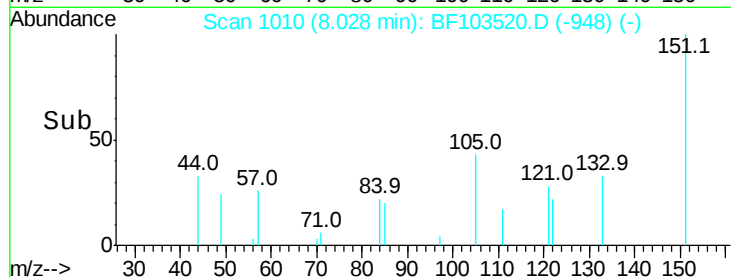
77 247.9 70.7 110.7#



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# 1329

Delta R.T. -0.01 min

Lab File: BF103520.D

Acq: 8 Mar 2018 16:54

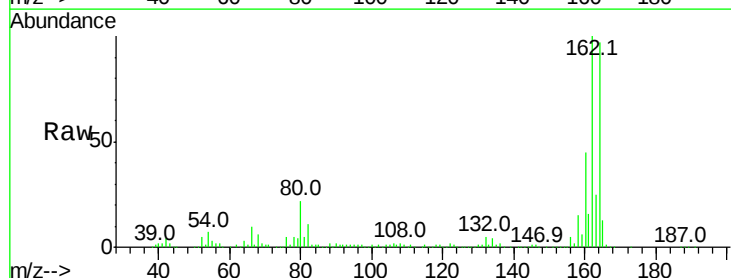
Tgt Ion:164 Resp: 253125

Ion Ratio Lower Upper

164 100

162 102.9 86.1 129.1

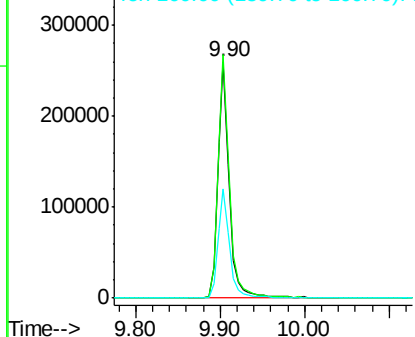
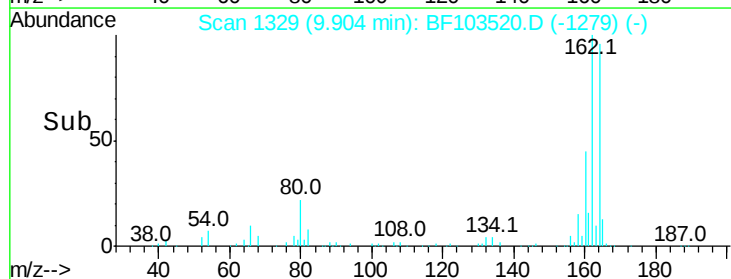
160 46.4 38.3 57.5

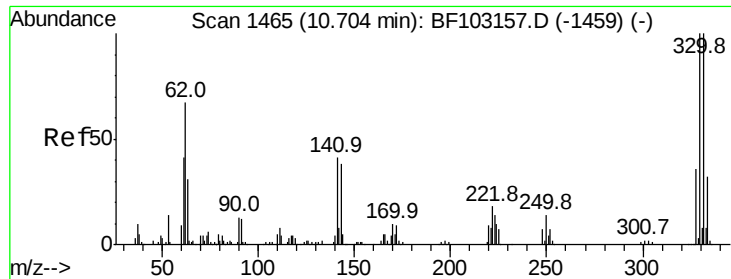


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

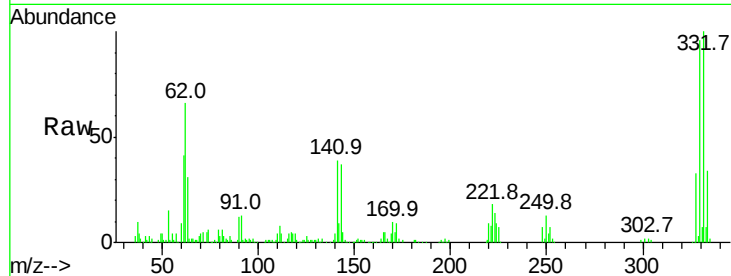




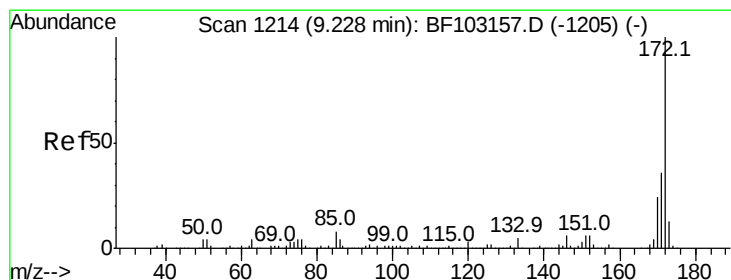
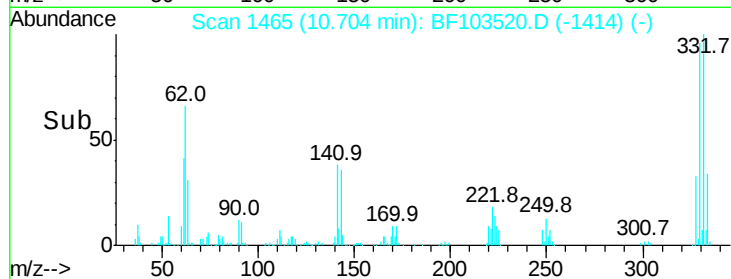
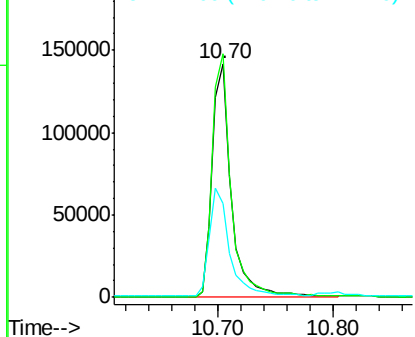
#41
 2,4,6-Tribromophenol
 Concen: 77.655 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103520.D
 Acq: 8 Mar 2018 16:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 166380
 Ion Ratio Lower Upper
 330 100
 332 103.5 77.0 115.6
 141 48.4 29.9 44.9#

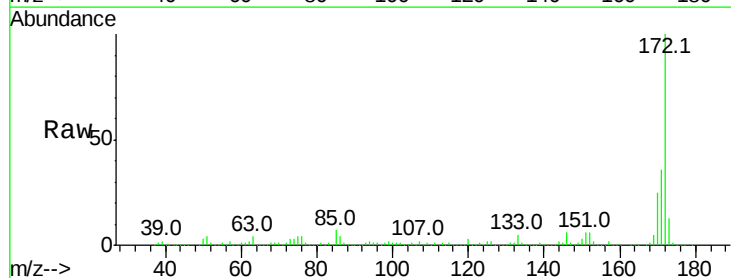


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

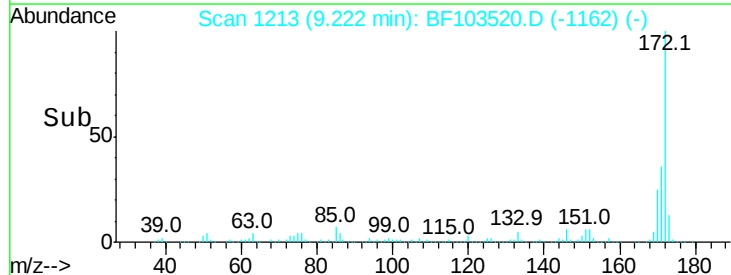
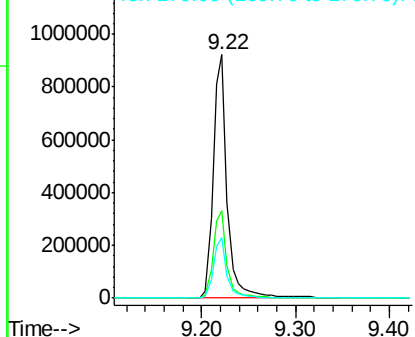


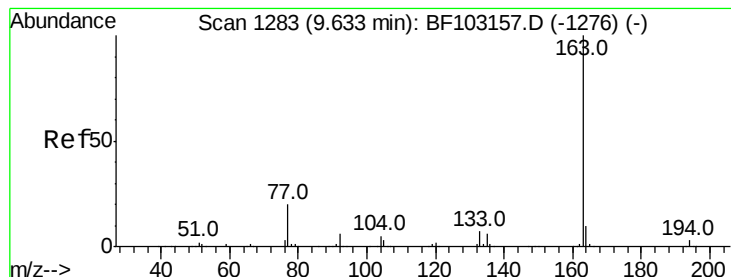
#44
 2-Fluorobiphenyl
 Concen: 62.346 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103520.D
 Acq: 8 Mar 2018 16:54

Tgt Ion:172 Resp: 977462
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 25.1 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: 3.796 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF103520.D

Acq: 8 Mar 2018 16:54

Instrument :

BNA_F

ClientSampled :

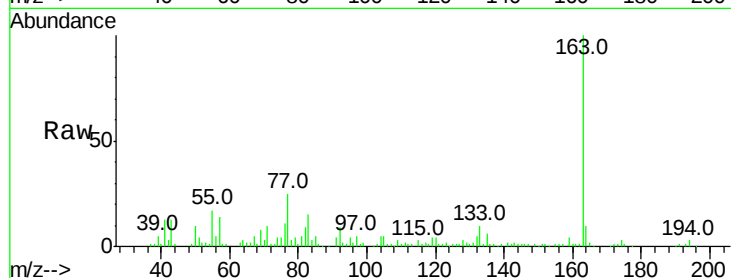
Tot Ion:163 Resp: 77075

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

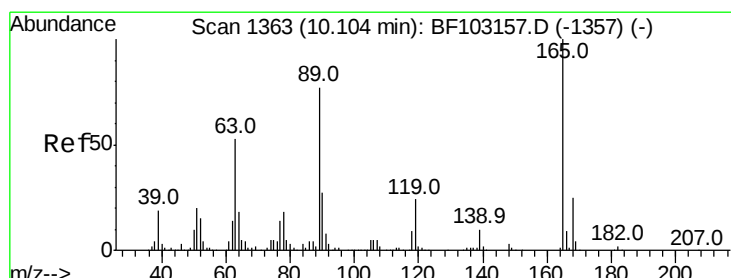
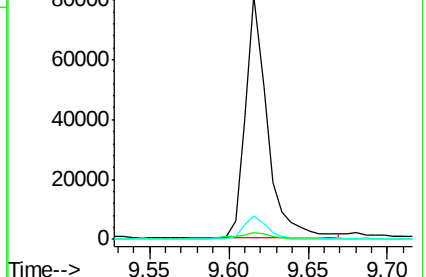
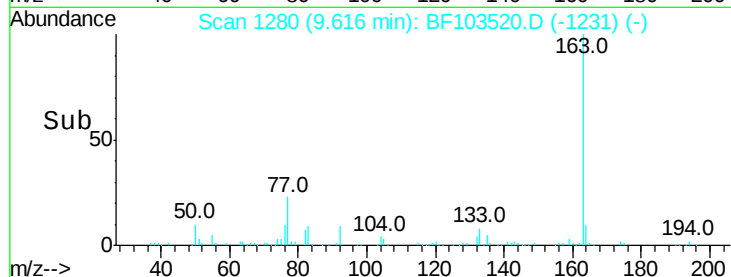
164 9.7 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 7.015 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.21 min

Lab File: BF103520.D

Acq: 8 Mar 2018 16:54

Tgt Ion:165 Resp: 37806

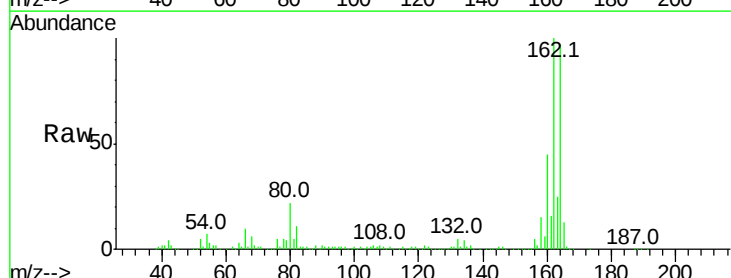
Ion Ratio Lower Upper

165 100

63 1.9 36.4 54.6#

89 2.2 57.8 86.6#

182 0.0 1.6 2.4#

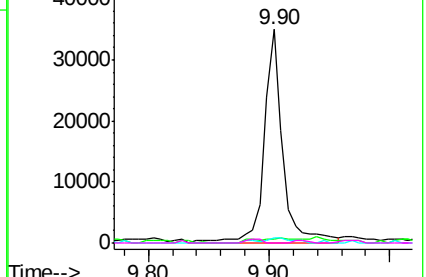
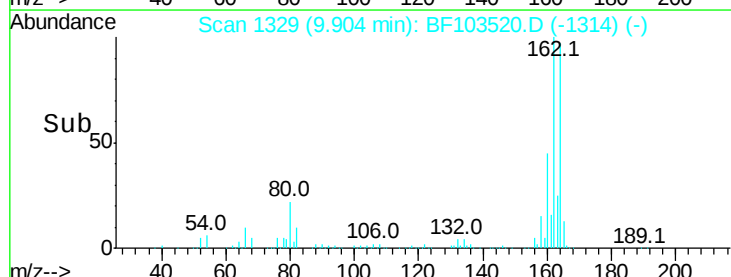


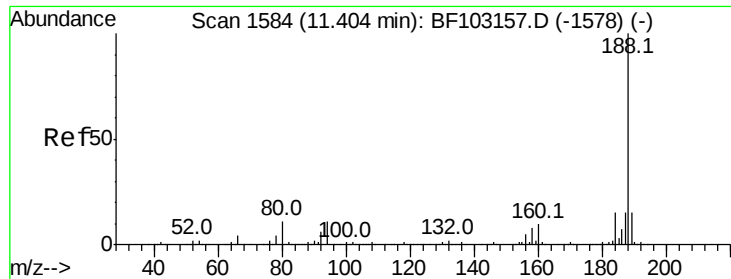
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

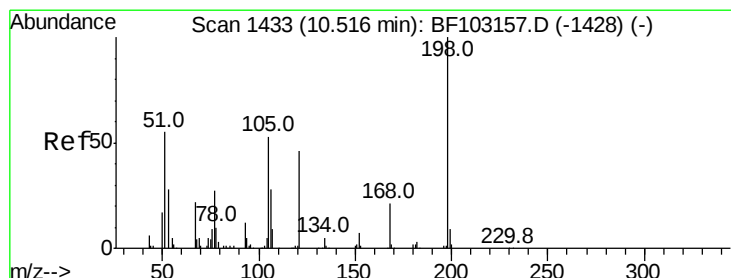
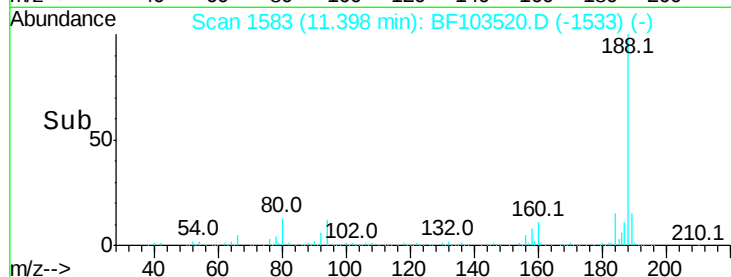
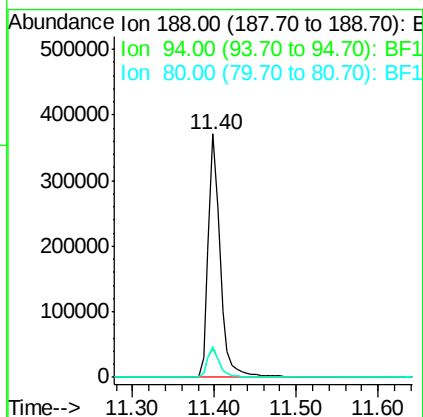
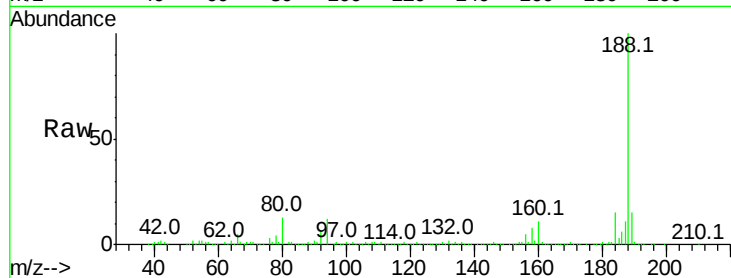




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

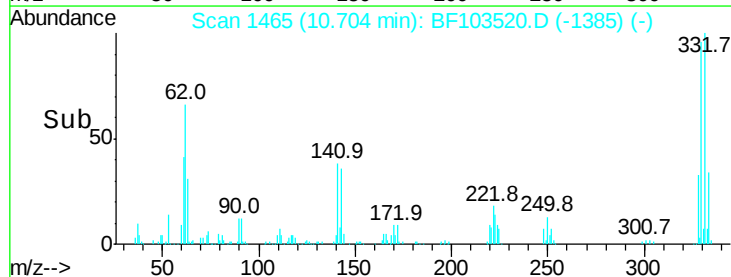
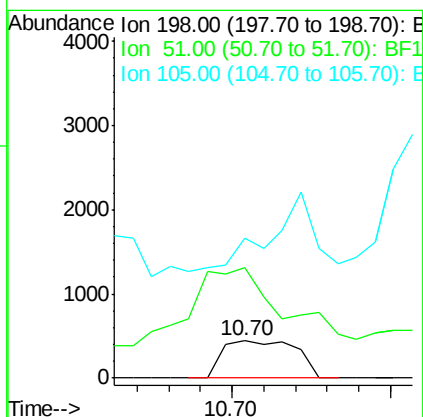
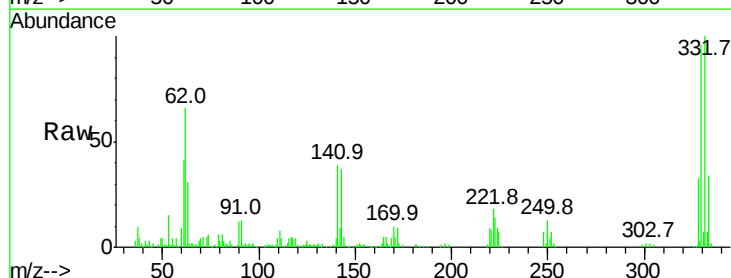
Instrument :
BNA_F
ClientSampled :

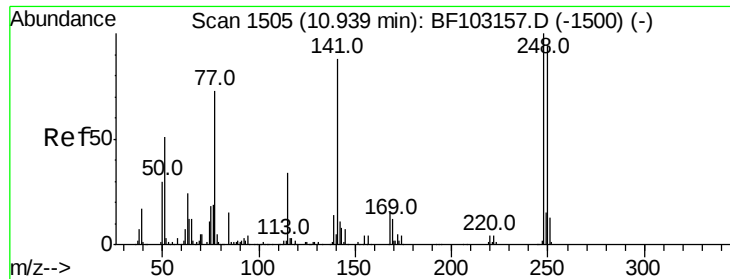
Tot Ion:188 Resp: 377751
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 13.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.222 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.17 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Tgt Ion:198 Resp: 708
Ion Ratio Lower Upper
198 100
51 298.2 37.7 77.7#
105 377.6 36.3 76.3#

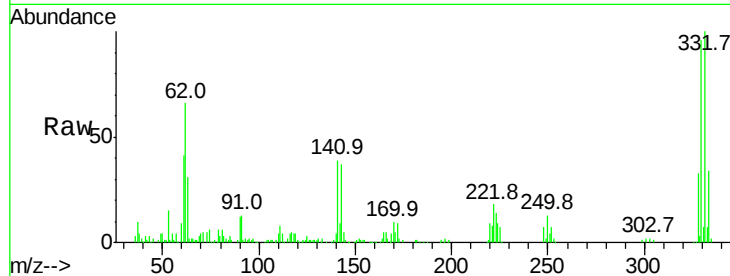




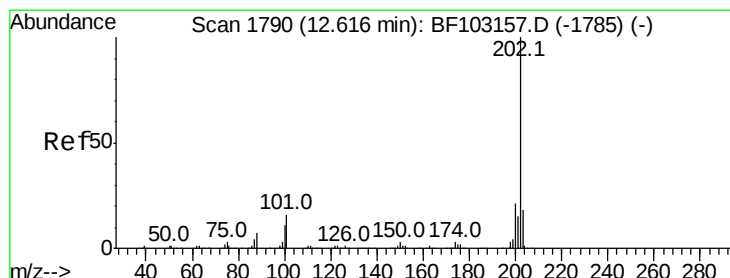
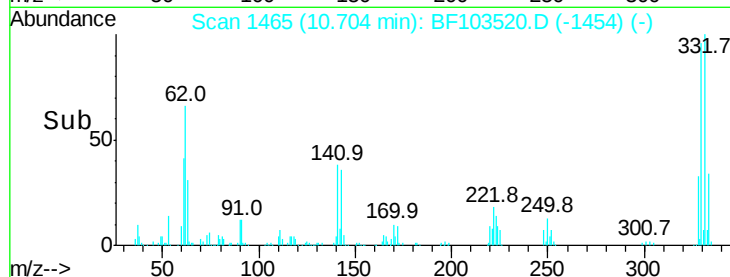
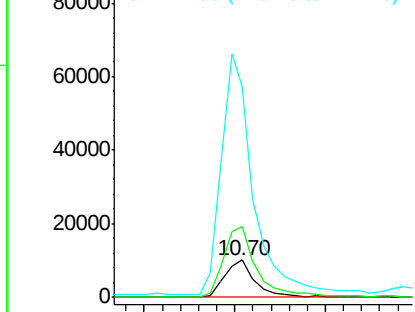
#66
4-Bromophenyl-phenylether
Concen: 2.993 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 11776
Ion Ratio Lower Upper
248 100
250 191.3 76.9 115.3#
141 563.9 74.4 111.6#

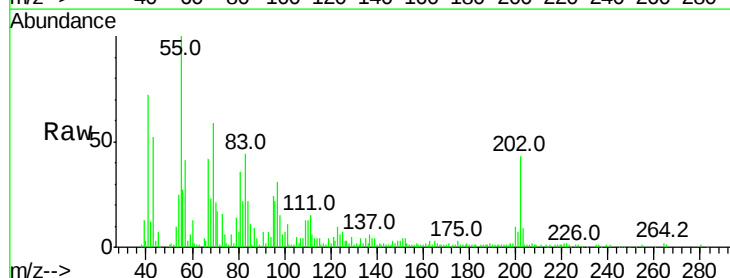


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

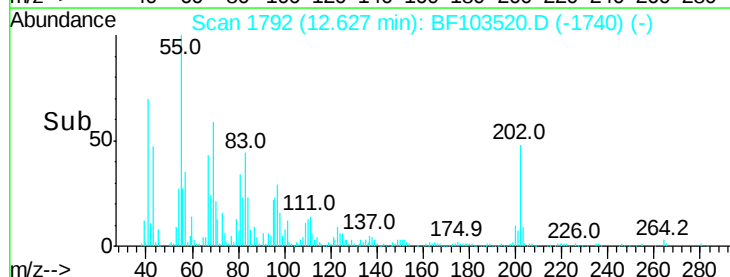
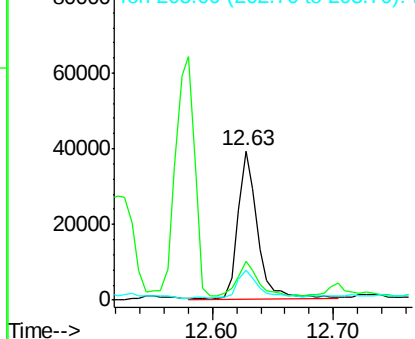


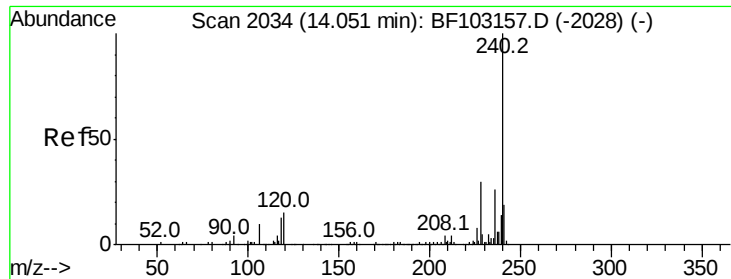
#74
Fluoranthene
Concen: 2.159 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Tgt Ion:202 Resp: 45105
Ion Ratio Lower Upper
202 100
101 25.7 0.0 34.1
203 19.9 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: BF103520.D

Acq: 8 Mar 2018 16:54

Instrument :

BNA_F

ClientSampleId :

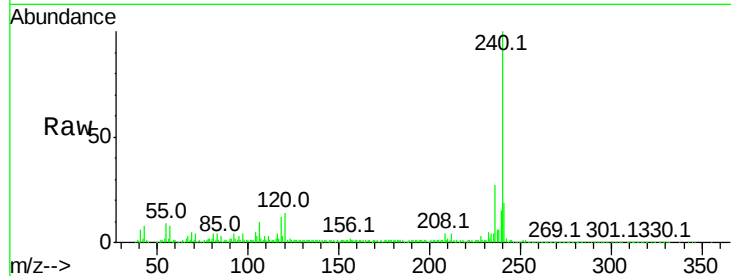
Tot Ion:240 Resp: 244256

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3#

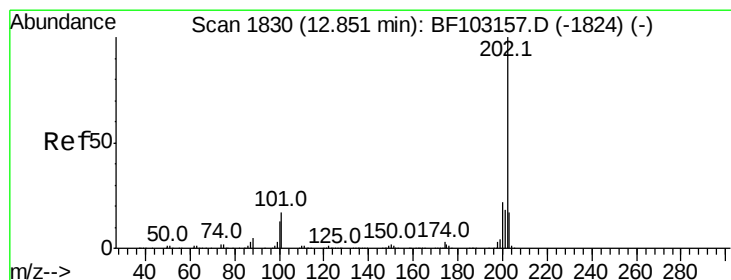
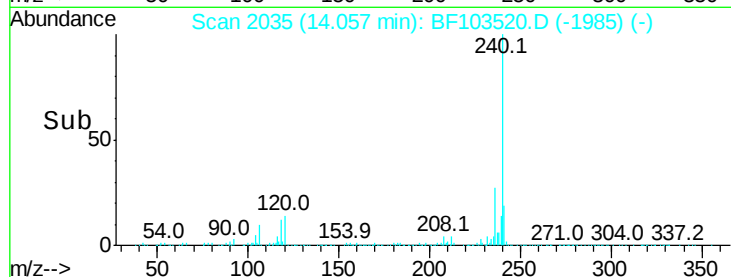
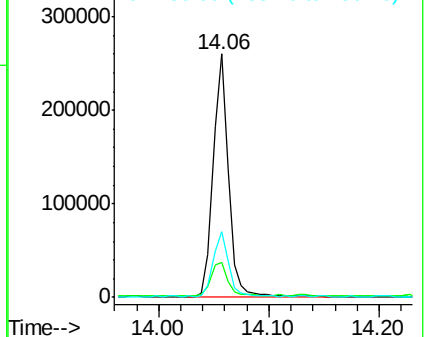
236 26.8 20.7 31.1



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



#77

Pyrene

Concen: 2.455 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF103520.D

Acq: 8 Mar 2018 16:54

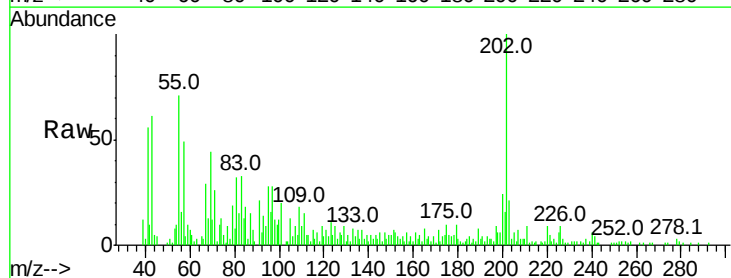
Tgt Ion:202 Resp: 46757

Ion Ratio Lower Upper

202 100

200 24.1 17.4 26.2

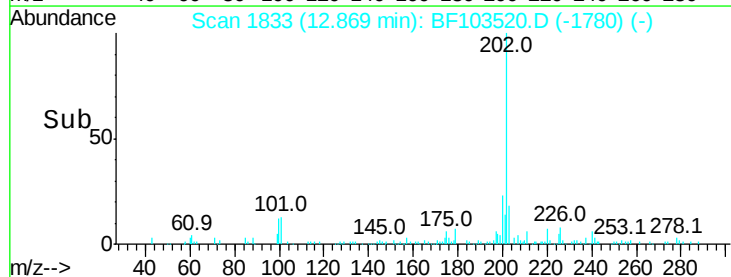
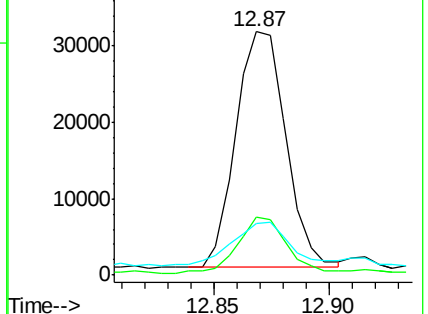
203 21.3 14.3 21.5

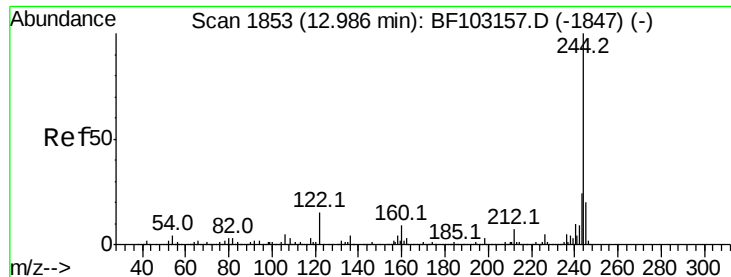


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 61.553 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BF103520.D

Acq: 8 Mar 2018 16:54

Instrument :

BNA_F

ClientSampleId :

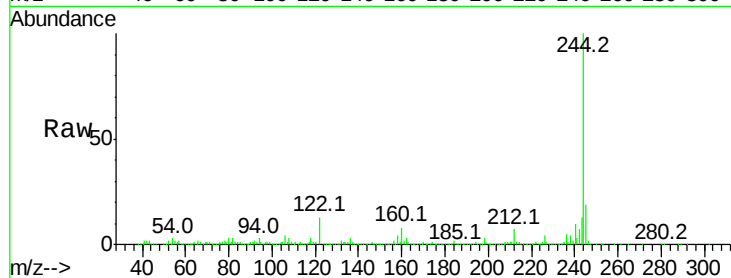
Tot Ion:244 Resp: 625435

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

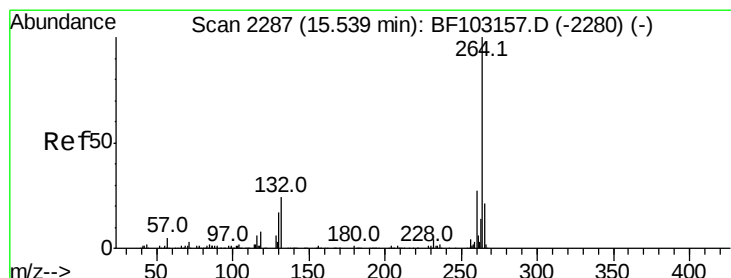
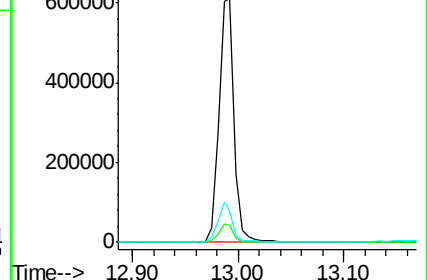
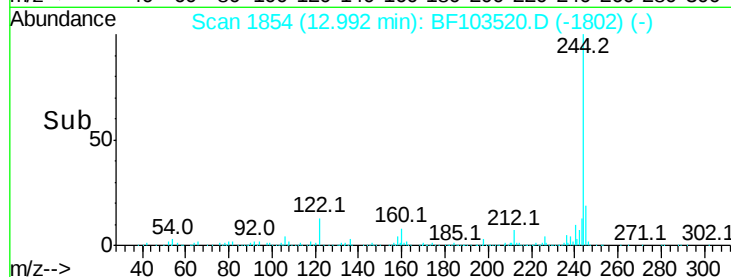
122 12.9 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF103520.D

Acq: 8 Mar 2018 16:54

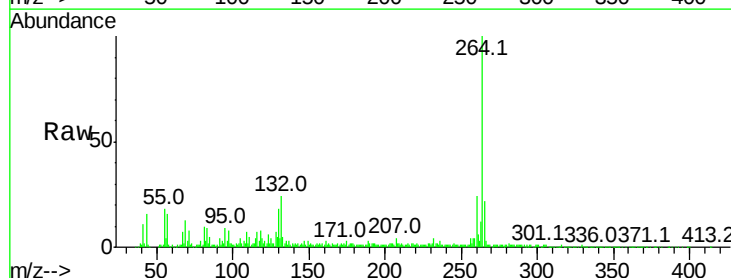
Tgt Ion:264 Resp: 203755

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

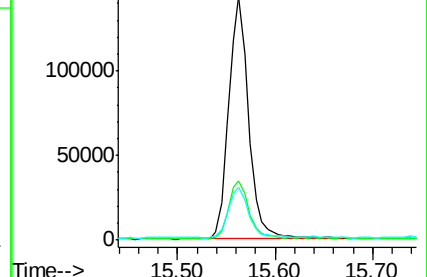
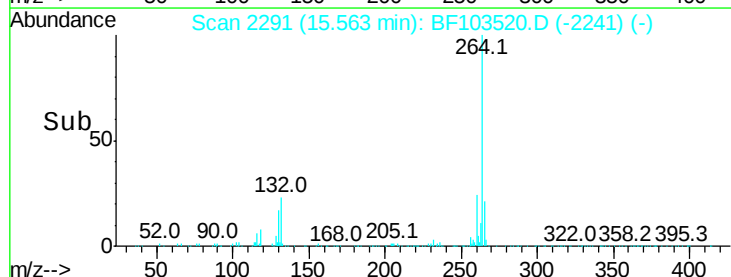
265 22.0 17.5 26.3

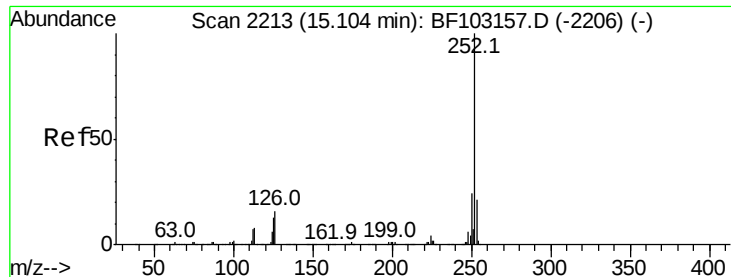


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

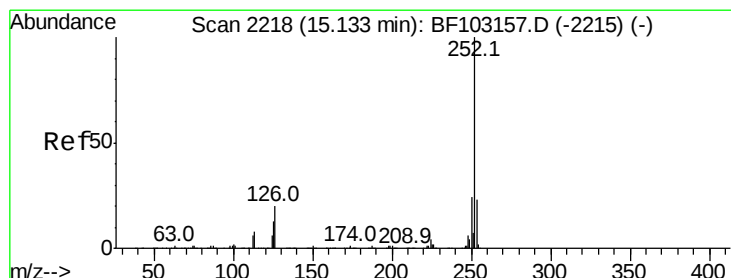
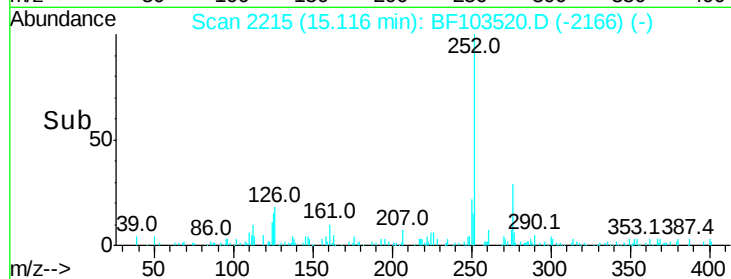
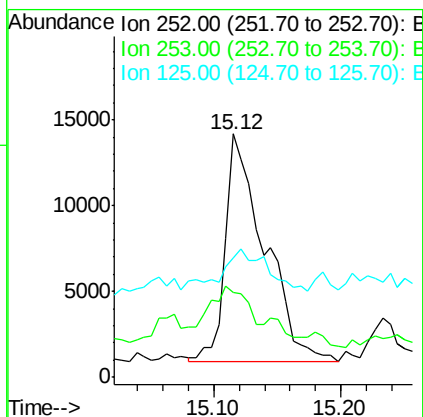
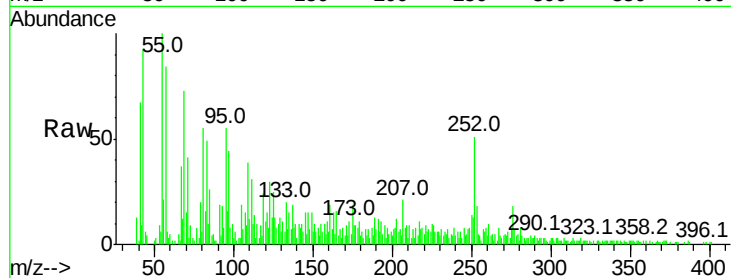




#87
Benzo(b)fluoranthene
Concen: 2.134 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 28586
Ion Ratio Lower Upper
252 100
253 34.8 17.0 25.6#
125 49.3 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 2.266 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.04 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Tgt Ion:252 Resp: 28586
Ion Ratio Lower Upper
252 100
253 34.8 17.9 26.9#
125 49.3 10.2 15.2#

