

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103235.D
 Acq On : 26 Feb 2018 23:17
 Operator : SJ/JU
 Sample : J1691-37 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B10

Quant Time: Feb 27 02:51:34 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

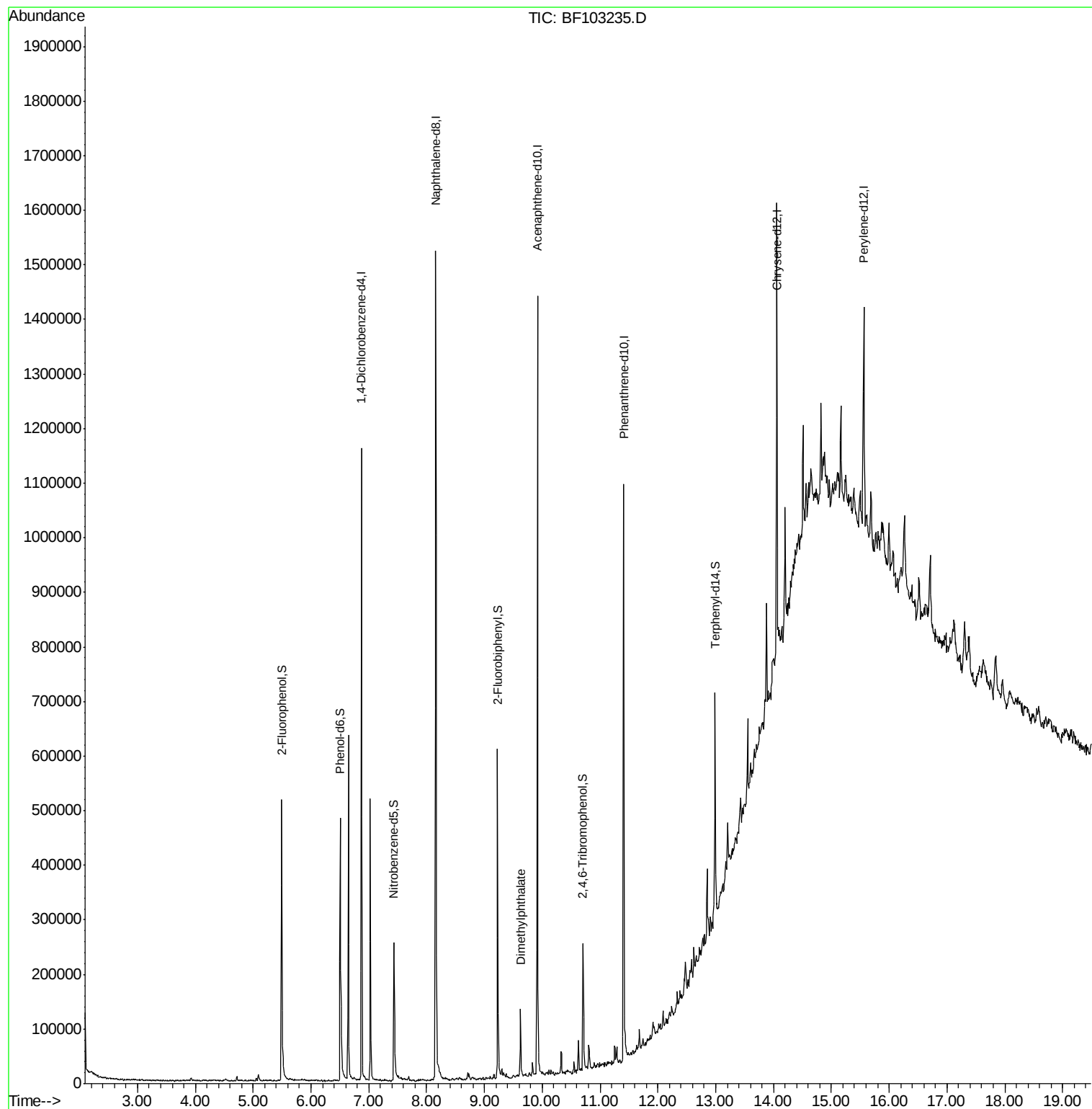
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	166894	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	682699	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	272654	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	412838	20.00	ng	0.00
75) Chrysene-d12	14.06	240	262595	20.00	ng	0.00
86) Perylene-d12	15.56	264	182311	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	159102	14.42	ng	0.00
7) Phenol-d6	6.50	99	195290	14.46	ng	0.00
23) Nitrobenzene-d5	7.43	82	99395	8.31	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	26272	11.38	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	193240	7.89	ng	0.00
78) Terphenyl-d14	12.99	244	130794	11.97	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.62	163	50937	2.329	ng	98

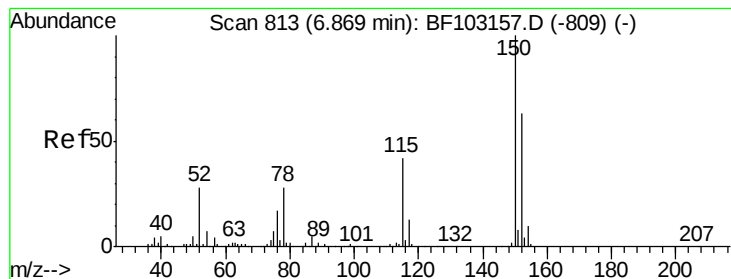
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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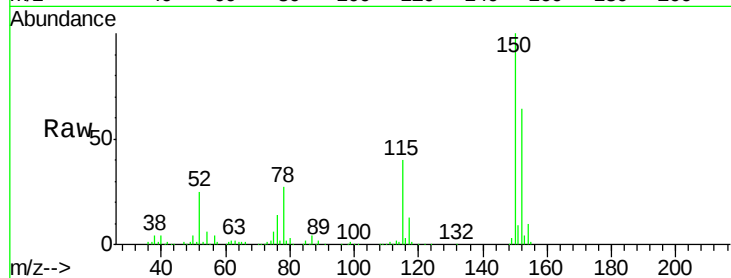


#1

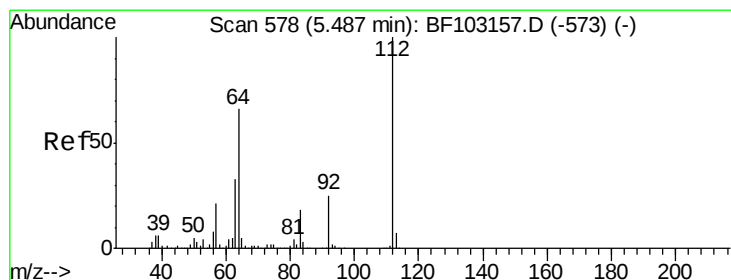
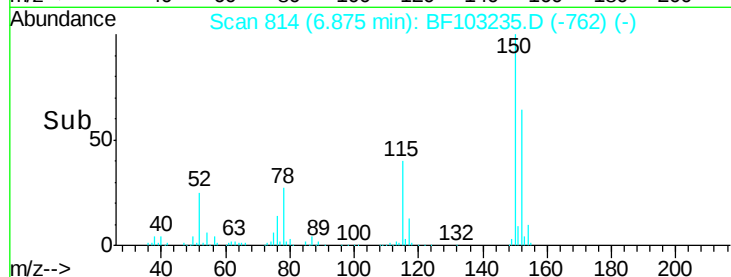
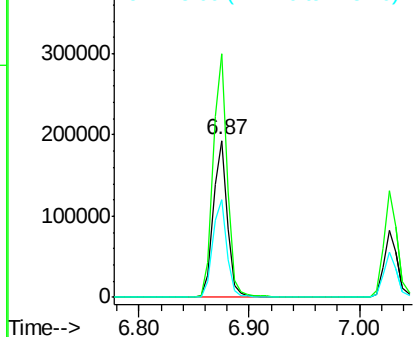
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103235.D
Acq: 26 Feb 2018 23:17

Instrument :
BNA_F
ClientSampleId :
B10

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	62.7	50.1	75.1



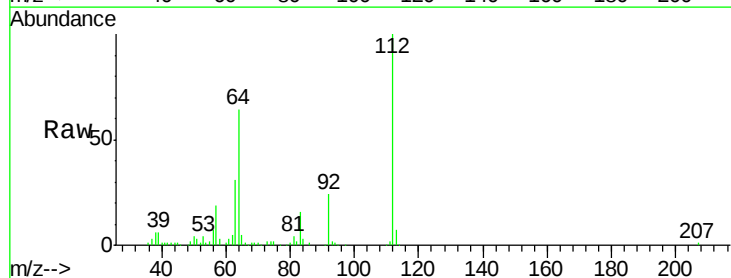
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



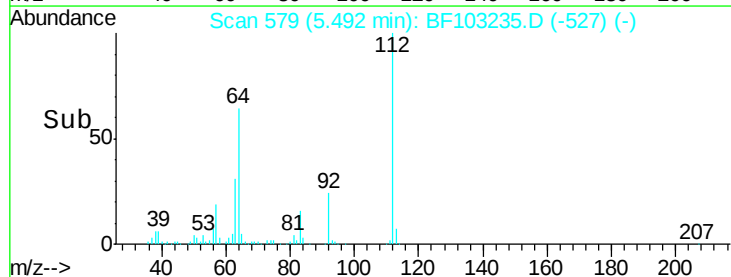
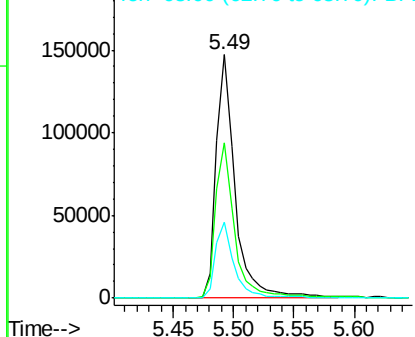
#5

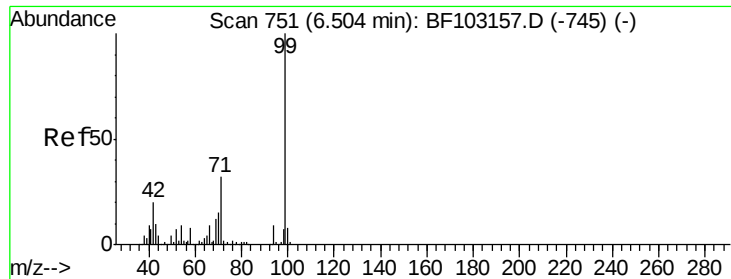
2-Fluorophenol
Concen: 14.418 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103235.D
Acq: 26 Feb 2018 23:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.9	47.9	71.9
63	31.4	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: 14.463 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103235.D

Acq: 26 Feb 2018 23:17

Instrument :

BNA_F

ClientSampleId :

B10

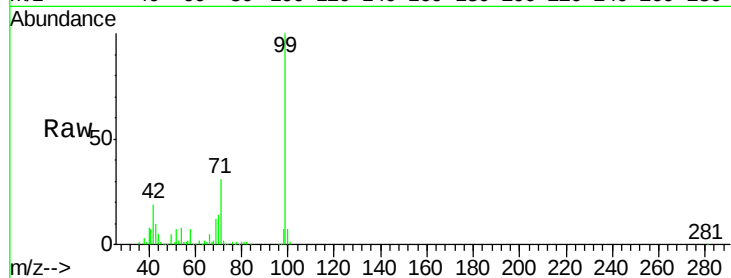
Tot Ion: 99 Resp: 195290

Ion Ratio Lower Upper

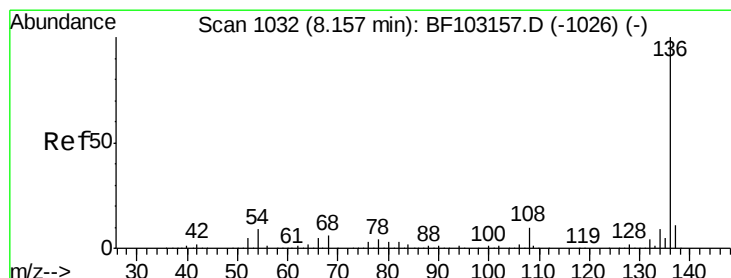
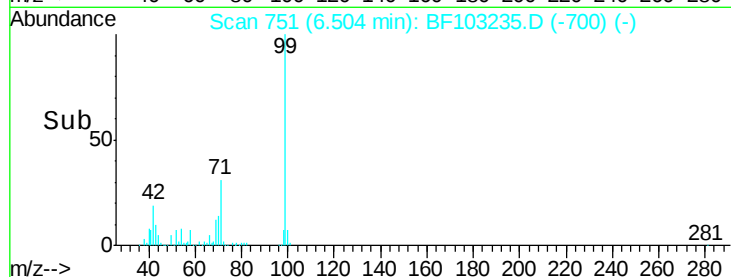
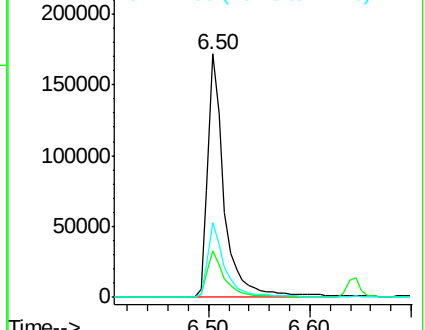
99 100

42 19.3 14.5 21.7

71 30.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103235.D

Acq: 26 Feb 2018 23:17

Tgt Ion: 136 Resp: 682699

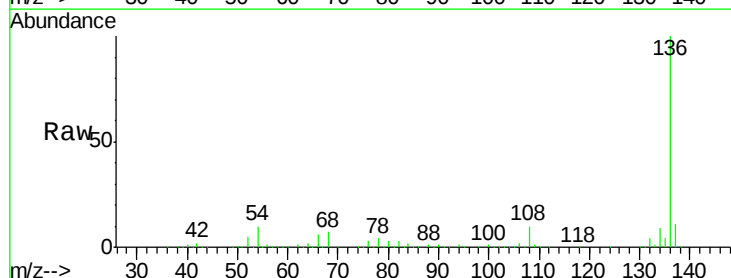
Ion Ratio Lower Upper

136 100

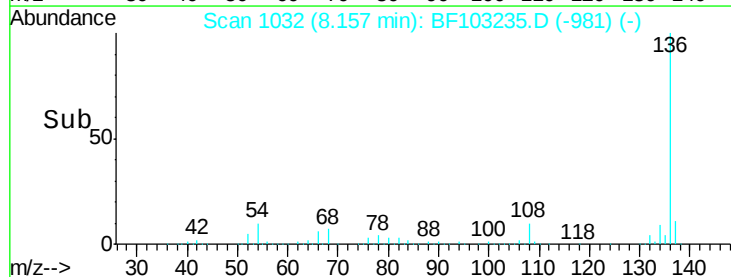
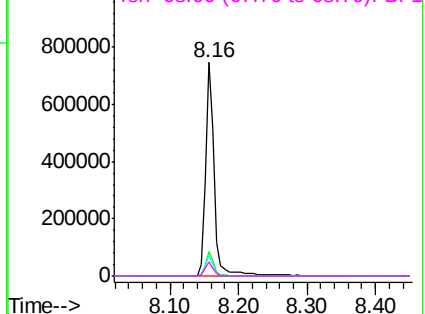
137 11.3 8.9 13.3

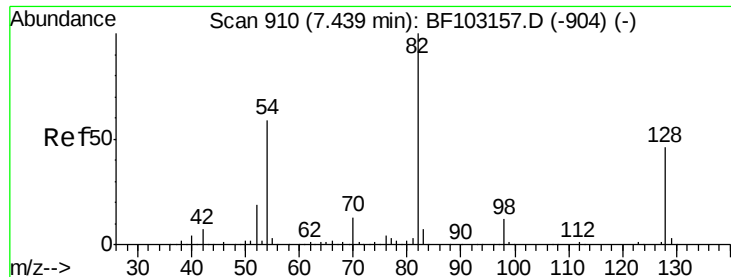
54 9.7 6.6 9.8

68 6.8 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: 8.314 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF103235.D

Acq: 26 Feb 2018 23:17

Instrument :

BNA_F

ClientSampleId :

B10

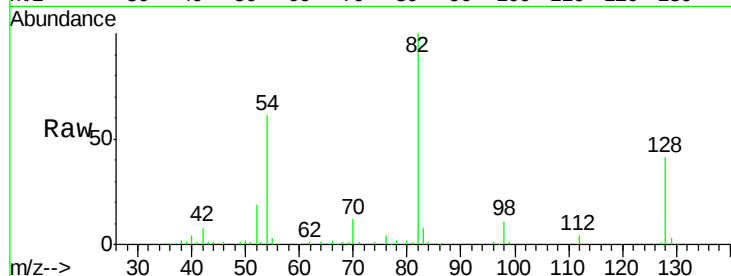
Tot Ion: 82 Resp: 99395

Ion Ratio Lower Upper

82 100

128 41.2 36.1 54.1

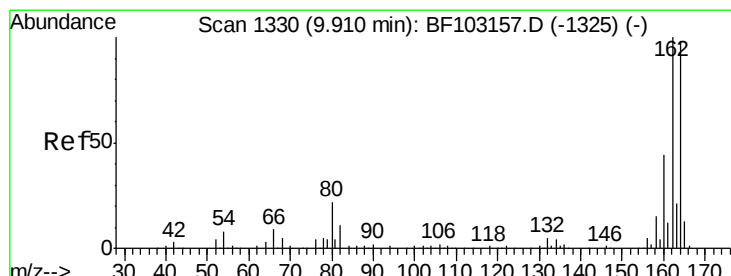
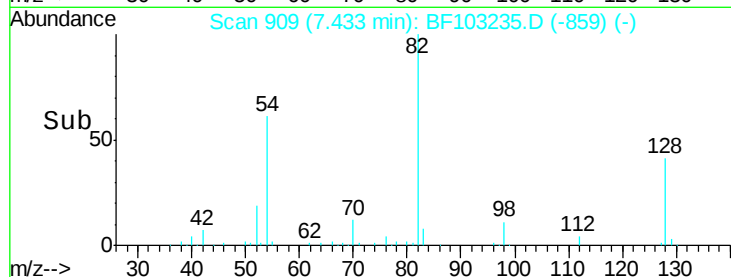
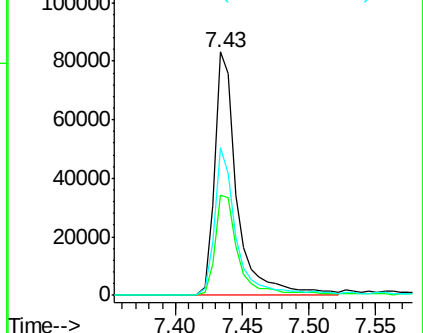
54 60.6 41.4 62.2



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF103235.D

Acq: 26 Feb 2018 23:17

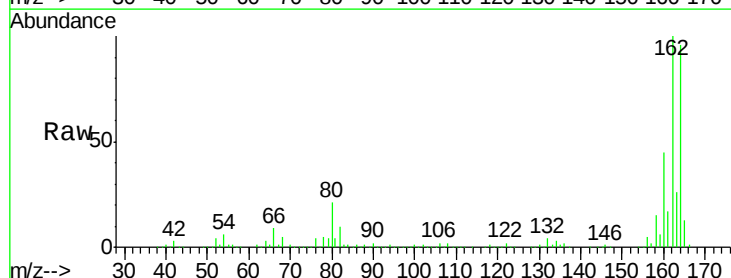
Tgt Ion:164 Resp: 272654

Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

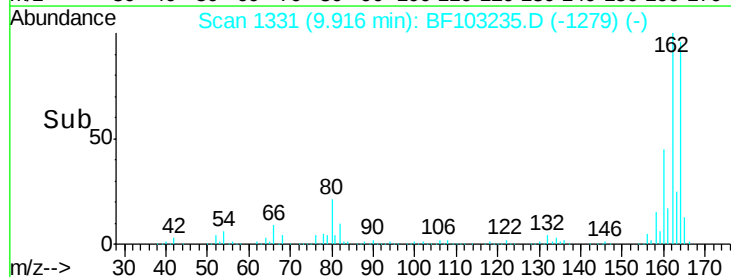
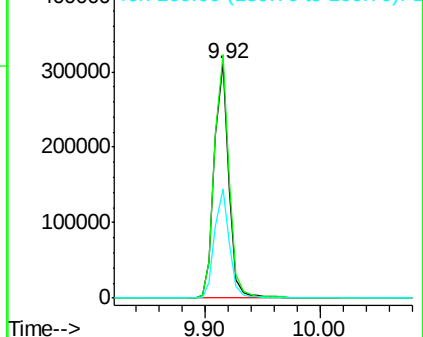
160 46.4 38.3 57.5



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: 11.384 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.01 min

Lab File: BF103235.D

Acq: 26 Feb 2018 23:17

Instrument :

BNA_F

ClientSampleId :

B10

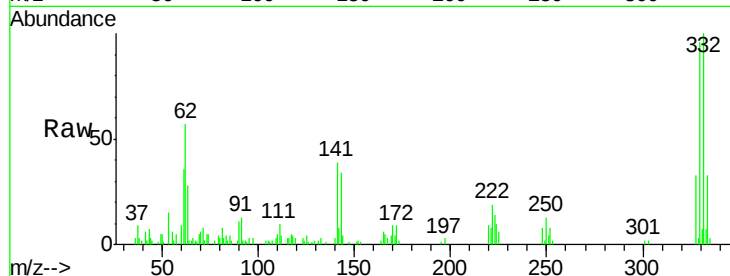
Tot Ion:330 Resp: 26272

Ion Ratio Lower Upper

330 100

332 106.8 77.0 115.6

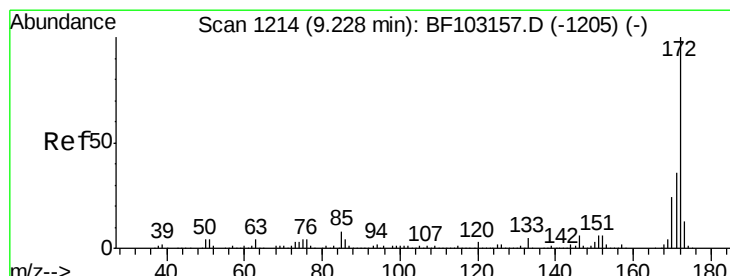
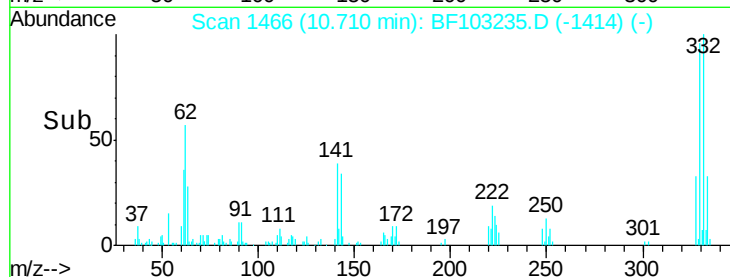
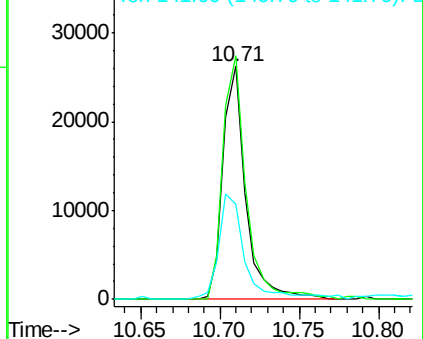
141 52.5 29.9 44.9#



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: 7.890 ng

RT: 9.23 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF103235.D

Acq: 26 Feb 2018 23:17

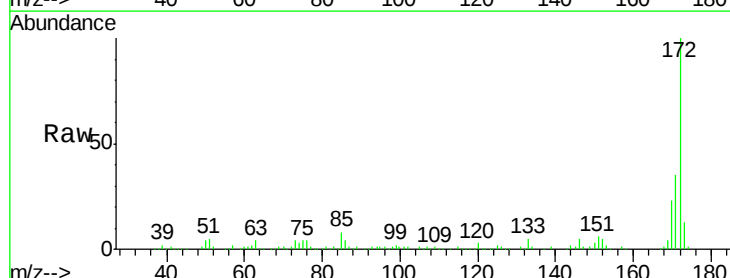
Tgt Ion:172 Resp: 193240

Ion Ratio Lower Upper

172 100

171 34.6 29.7 44.5

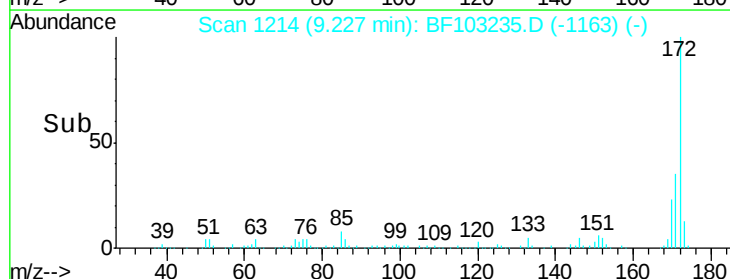
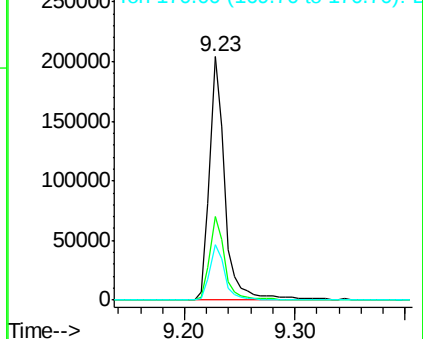
170 22.9 19.6 29.4

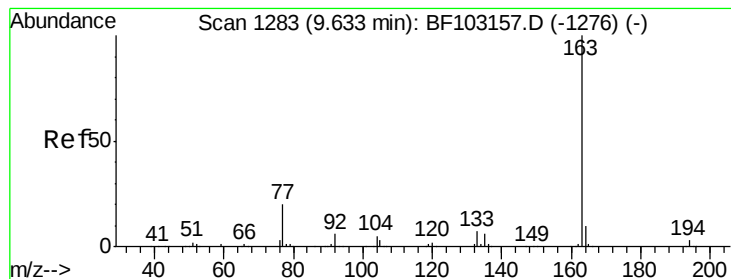


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.329 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103235.D

Acq: 26 Feb 2018 23:17

Instrument :

BNA_F

ClientSampleId :

B10

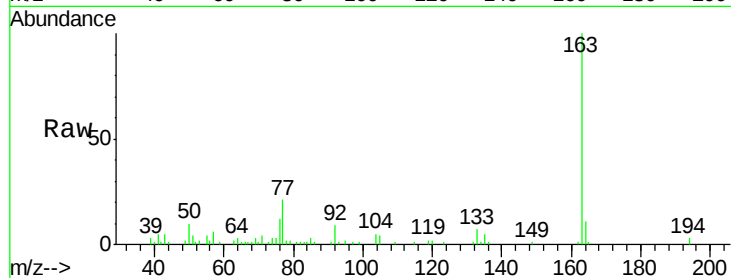
Tot Ion:163 Resp: 50937

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

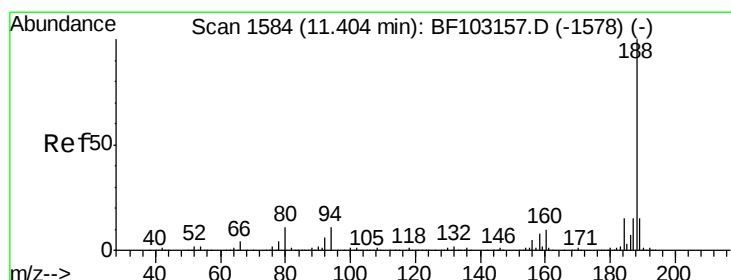
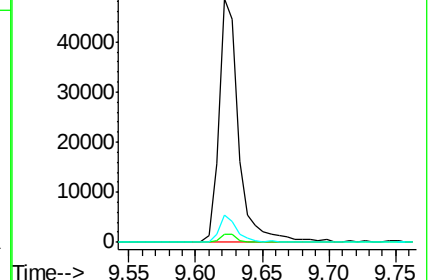
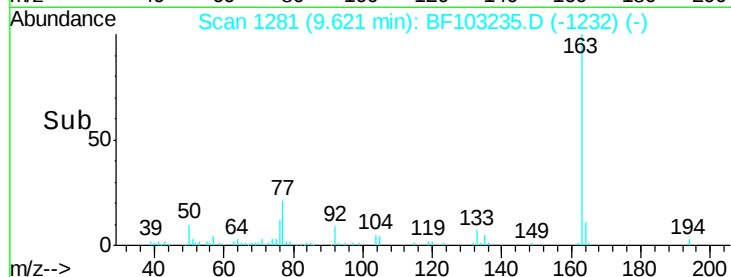
164 11.0 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF103235.D

Acq: 26 Feb 2018 23:17

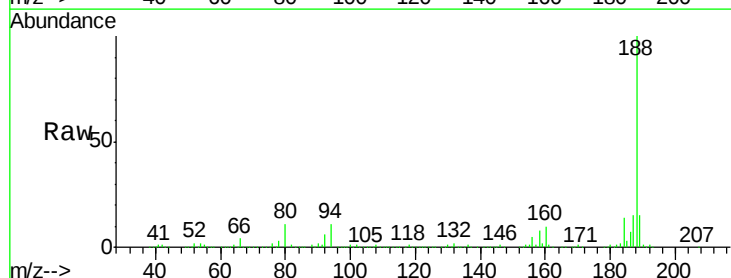
Tgt Ion:188 Resp: 412838

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

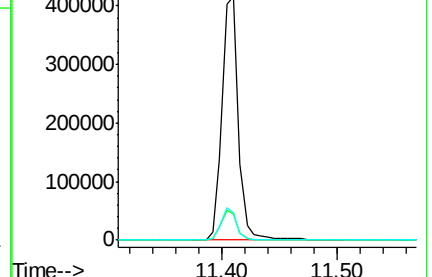
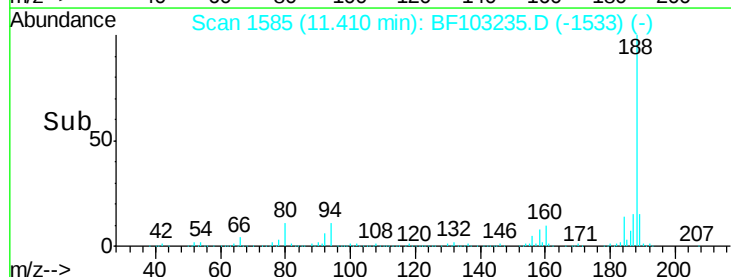
80 11.2 9.2 13.8

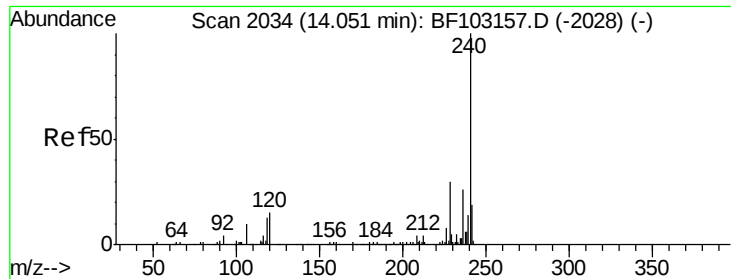


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF103235.D

Acq: 26 Feb 2018 23:17

Instrument :

BNA_F

ClientSampleId :

B10

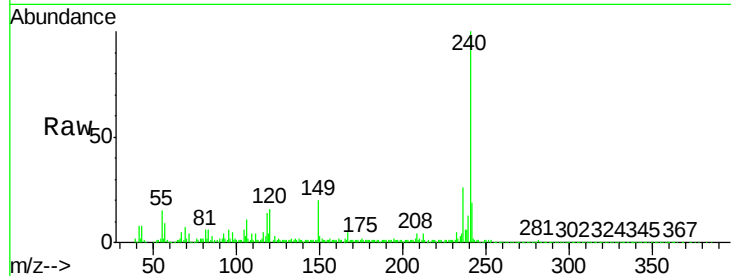
Tot Ion:240 Resp: 262595

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

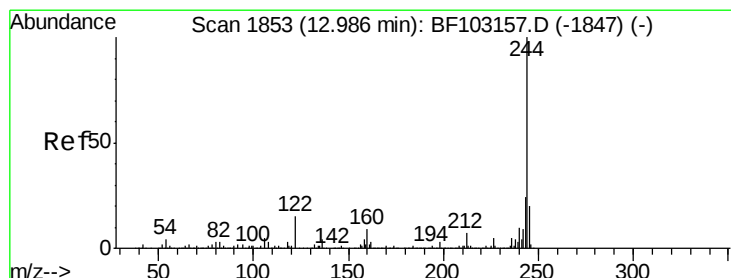
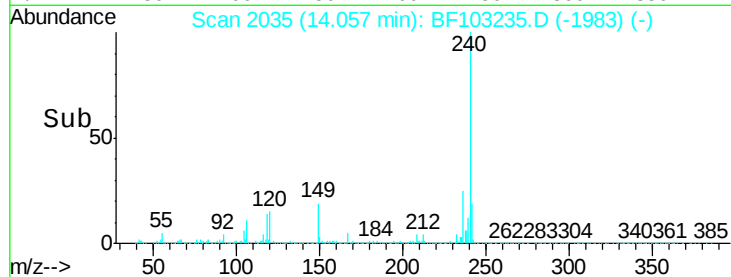
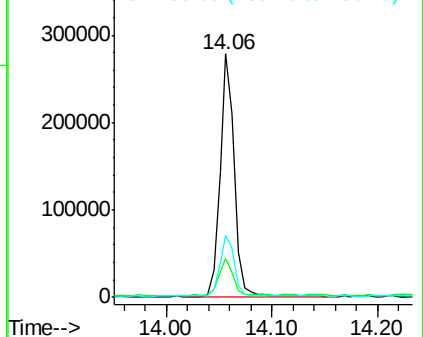
236 25.6 20.7 31.1



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



#78

Terphenyl-d14

Concen: 11.973 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF103235.D

Acq: 26 Feb 2018 23:17

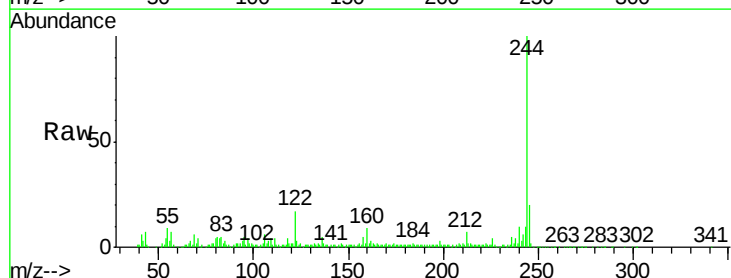
Tgt Ion:244 Resp: 130794

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

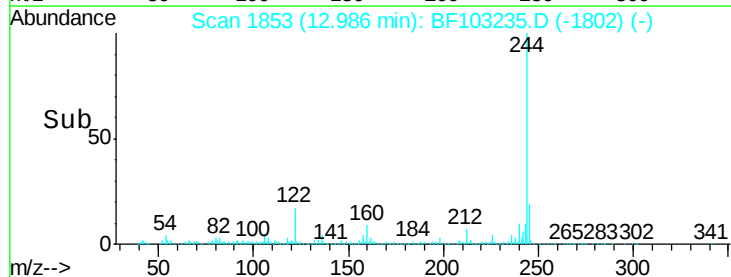
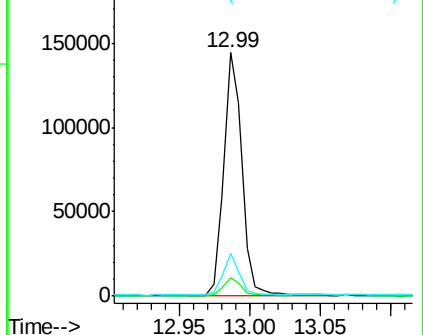
122 17.3 11.0 16.4#

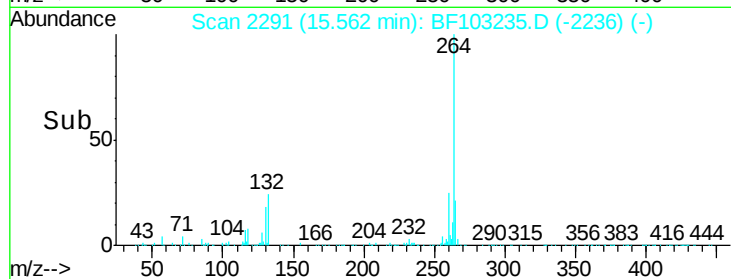
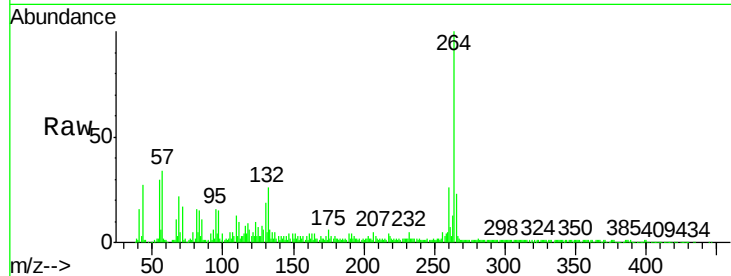
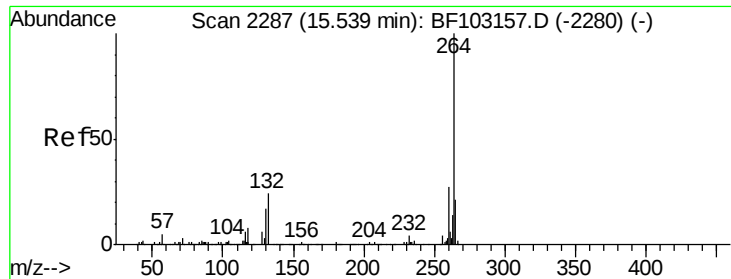


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.02 min
Lab File: BF103235.D
Acq: 26 Feb 2018 23:17

Instrument :
BNA_F
ClientSampleId :
B10

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.2	28.8
265	22.5	17.5	26.3

