

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
 Data File : BF102979.D
 Acq On : 14 Feb 2018 10:39
 Operator : SJ/JU
 Sample : PB106515BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106515BL

Quant Time: Feb 14 14:21:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

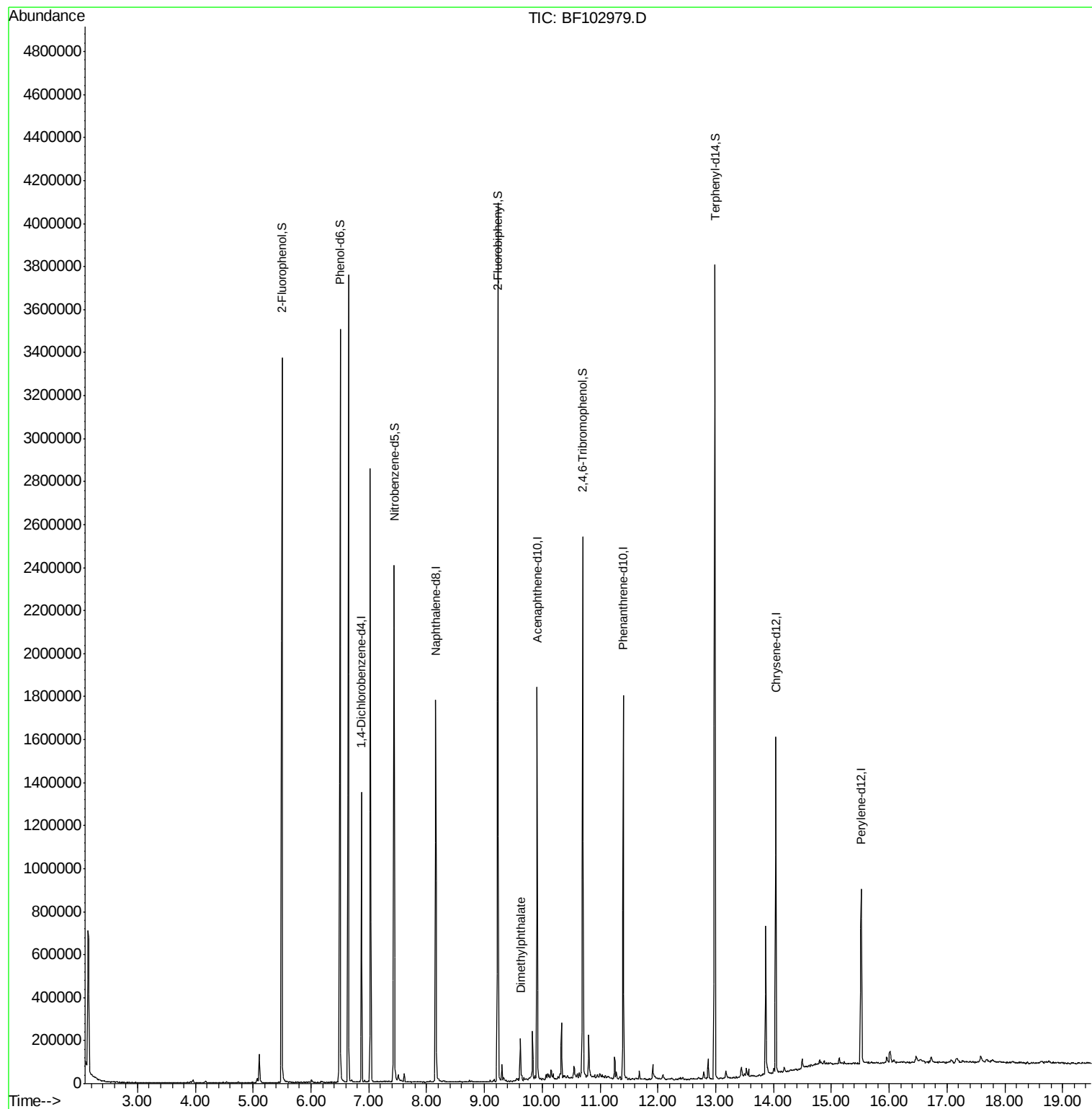
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	181143	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	769959	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	360859	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	646708	20.00	ng	0.00
75) Chrysene-d12	14.04	240	477958	20.00	ng	0.00
86) Perylene-d12	15.52	264	361252	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1040930	87.27	ng	0.01
7) Phenol-d6	6.50	99	1258893	87.66	ng	0.00
23) Nitrobenzene-d5	7.44	82	810331	73.01	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	289075	99.53	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1343763	61.79	ng	0.00
78) Terphenyl-d14	12.99	244	1345633	66.66	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.62	163	63024	2.240	ng	100

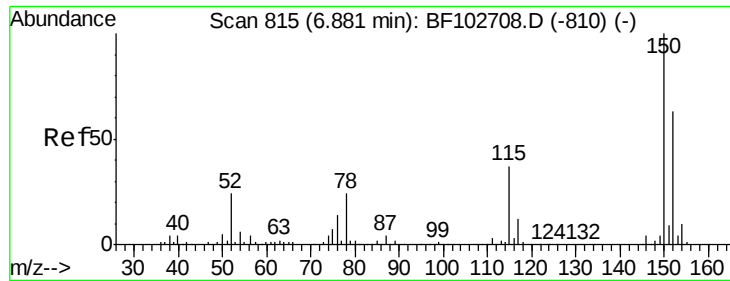
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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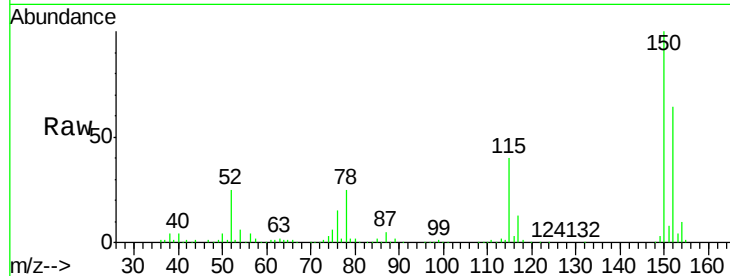


#1

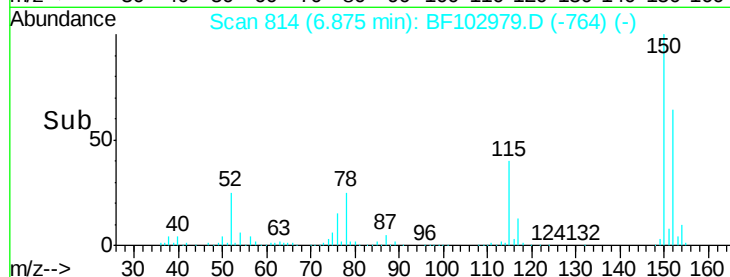
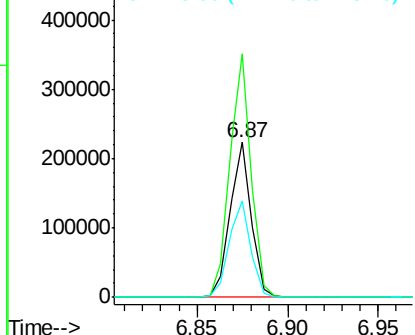
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF102979.D
 Acq: 14 Feb 2018 10:39

Instrument :
 BNA_F
 ClientSampleId :
 PB106515BL

Tot Ion:152 Resp: 181143
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.6 186.8
 115 62.6 50.1 75.1



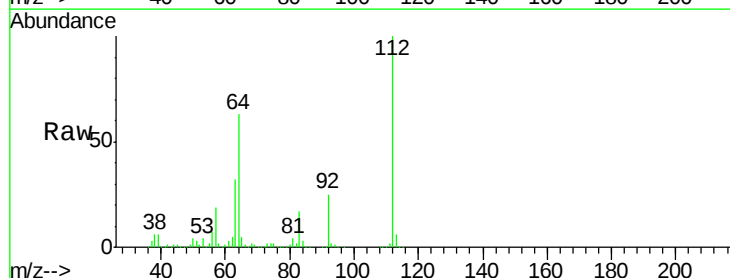
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



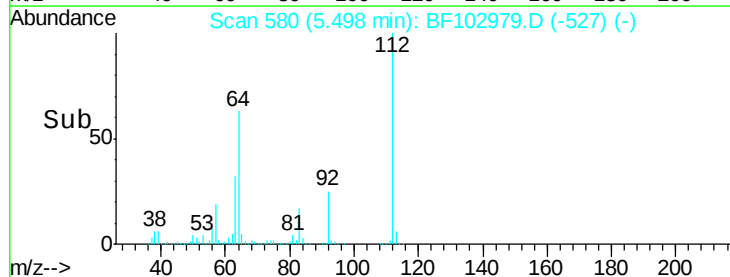
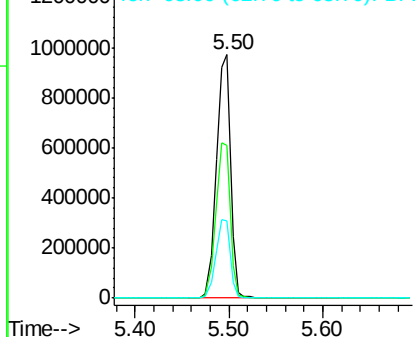
#5

2-Fluorophenol
 Concen: 87.270 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF102979.D
 Acq: 14 Feb 2018 10:39

Tgt Ion:112 Resp: 1040930
 Ion Ratio Lower Upper
 112 100
 64 62.9 47.9 71.9
 63 31.6 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: 87.655 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF102979.D

Acq: 14 Feb 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB106515BL

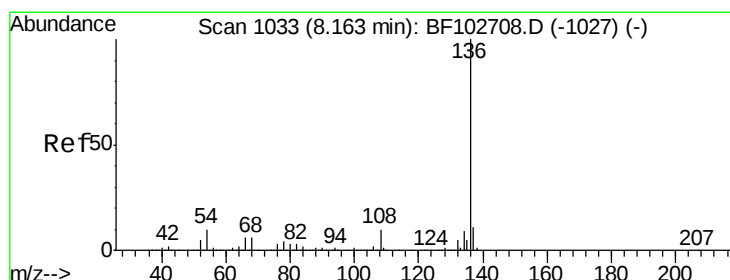
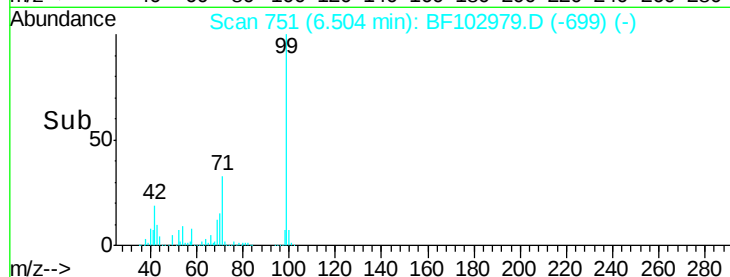
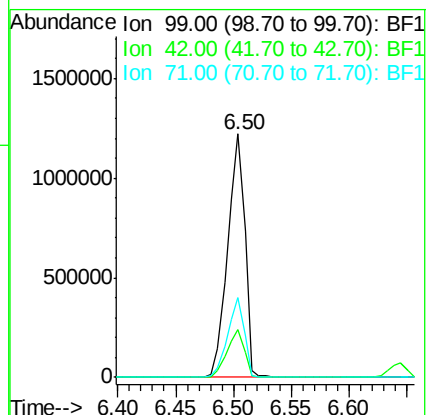
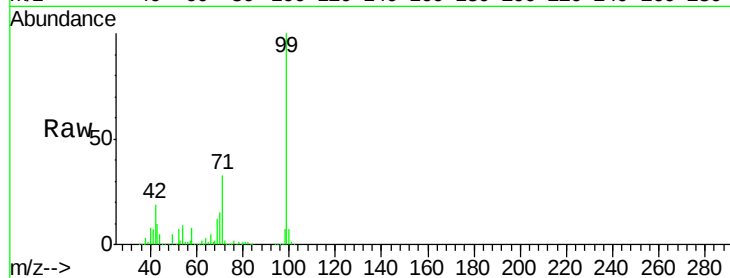
Tot Ion: 99 Resp: 1258893

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 32.9 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF102979.D

Acq: 14 Feb 2018 10:39

Tgt Ion: 136 Resp: 769959

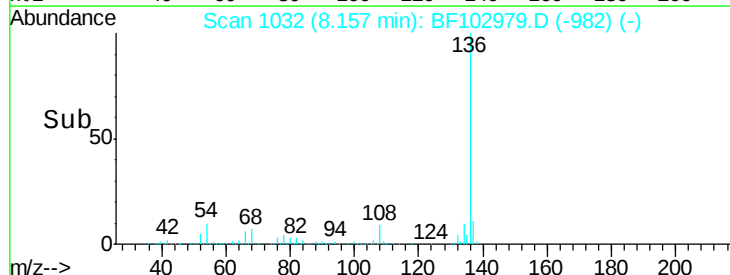
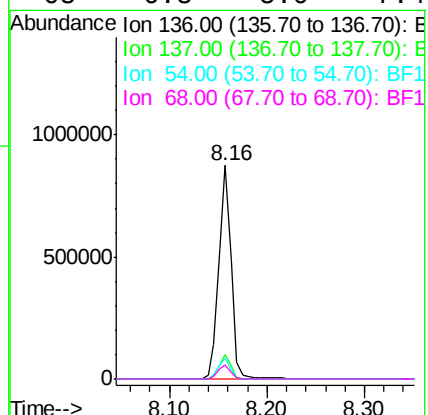
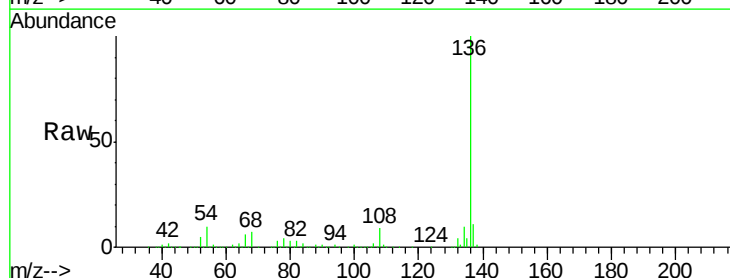
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.6 6.6 9.8

68 6.8 5.0 7.4

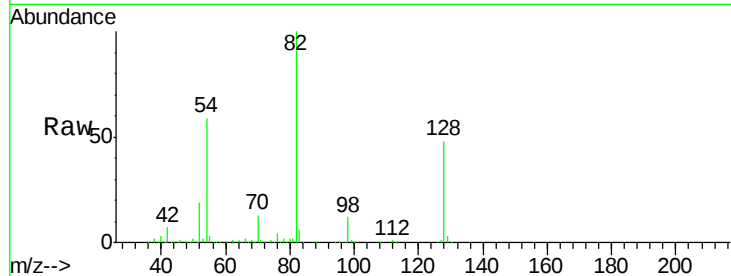




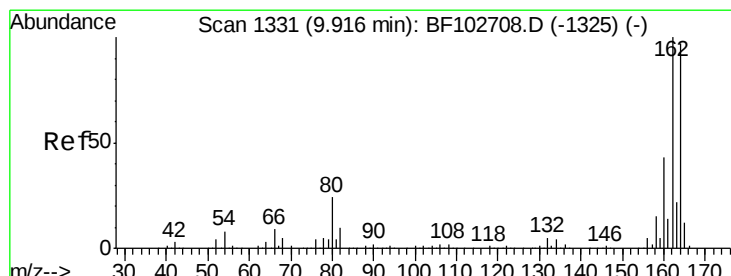
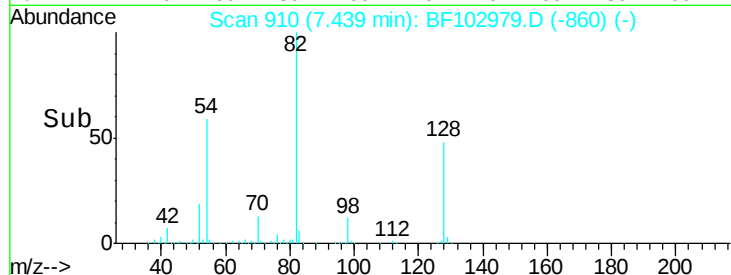
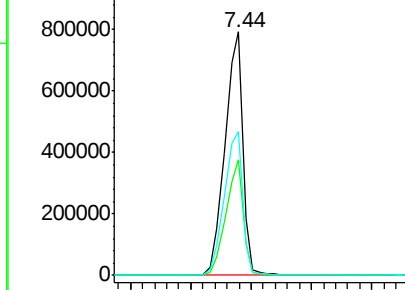
#23
 Nitrobenzene-d5
 Concen: 73.008 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF102979.D
 Acq: 14 Feb 2018 10:39

Instrument :
 BNA_F
 ClientSampleId :
 PB106515BL

Tot Ion	82	Resp	810331
Ion Ratio	100	Lower	Upper
128	47.6	36.1	54.1
54	58.8	41.4	62.2

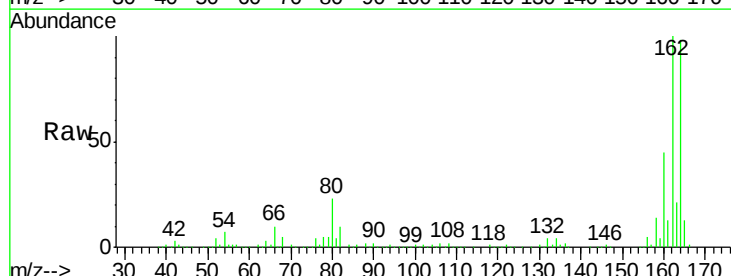


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

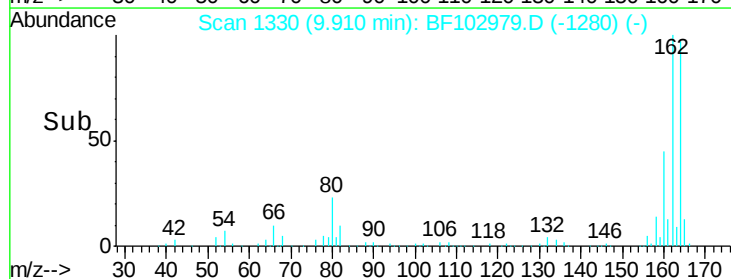
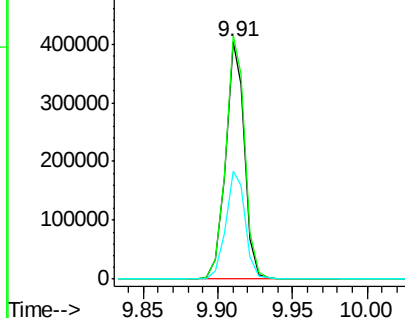


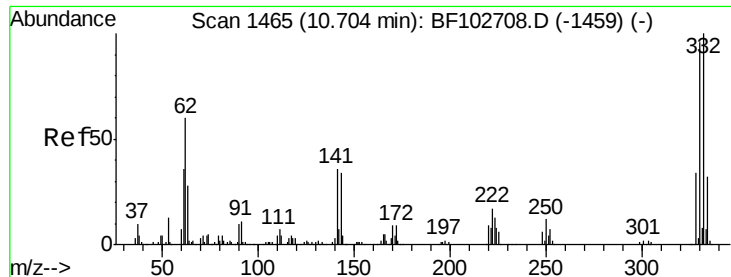
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF102979.D
 Acq: 14 Feb 2018 10:39

Tgt Ion	164	Resp	360859
Ion Ratio	100	Lower	Upper
162	102.5	86.1	129.1
160	45.6	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: 99.527 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BF102979.D

Acq: 14 Feb 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB106515BL

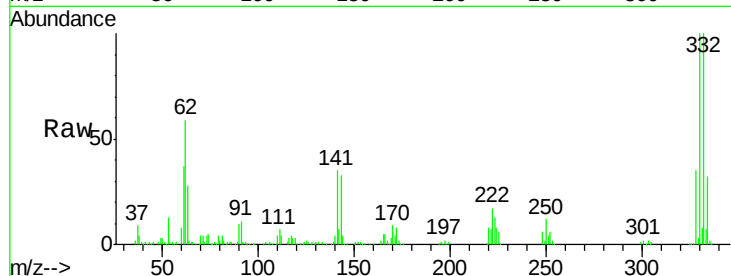
Tot Ion:330 Resp: 289075

Ion Ratio Lower Upper

330 100

332 102.8 77.0 115.6

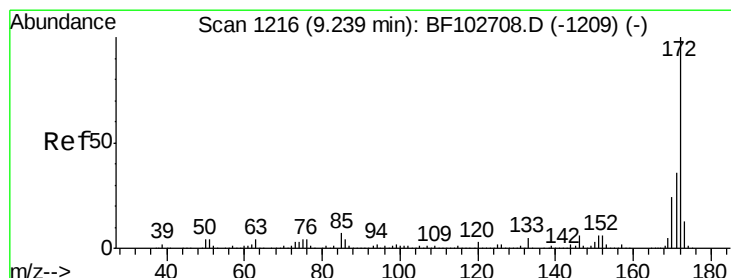
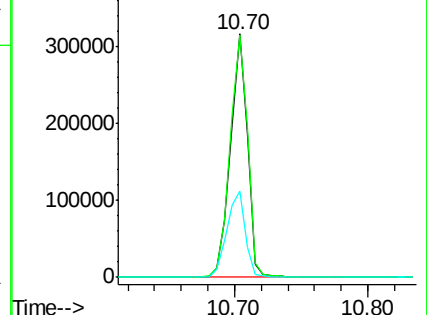
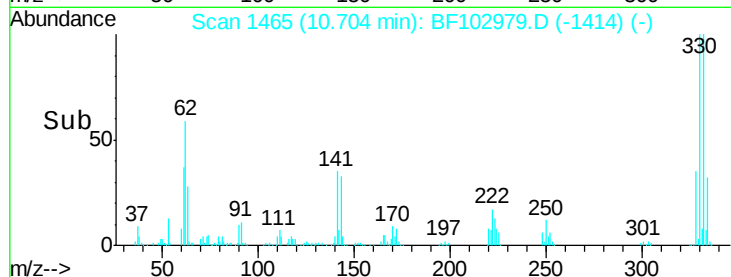
141 38.1 29.9 44.9



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: 61.791 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF102979.D

Acq: 14 Feb 2018 10:39

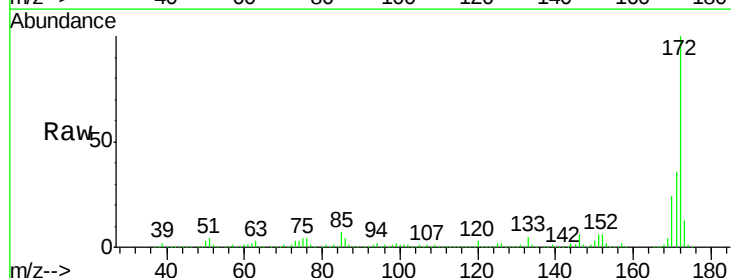
Tgt Ion:172 Resp: 1343763

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

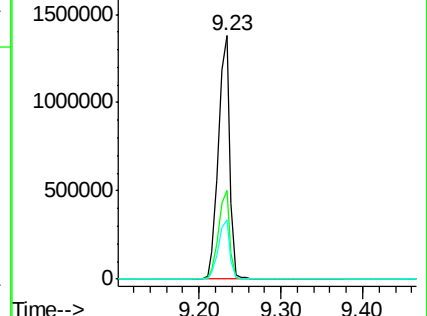
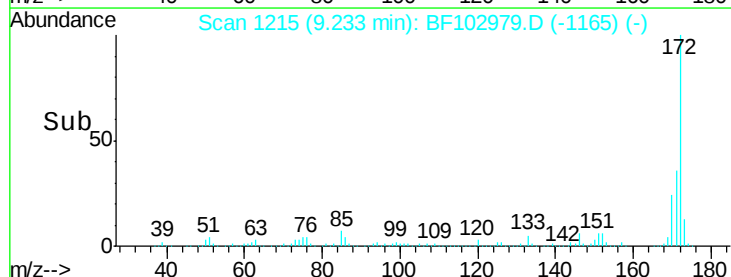
170 24.2 19.6 29.4

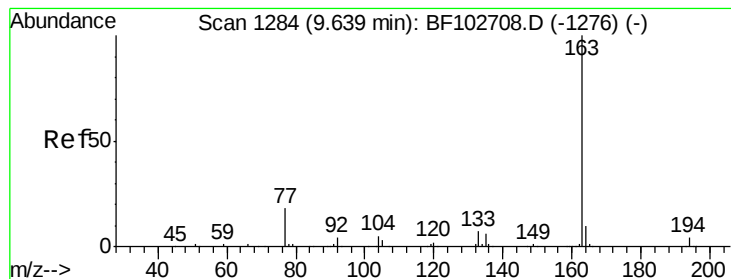


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.240 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF102979.D

Acq: 14 Feb 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB106515BL

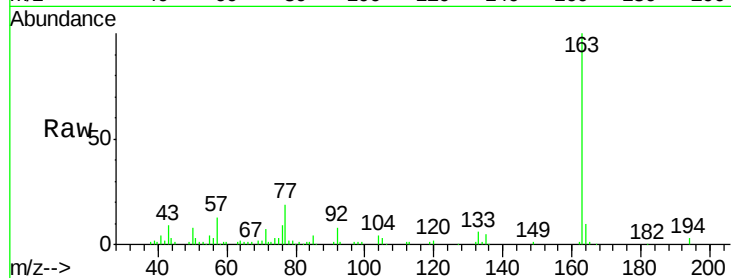
Tot Ion:163 Resp: 63024

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

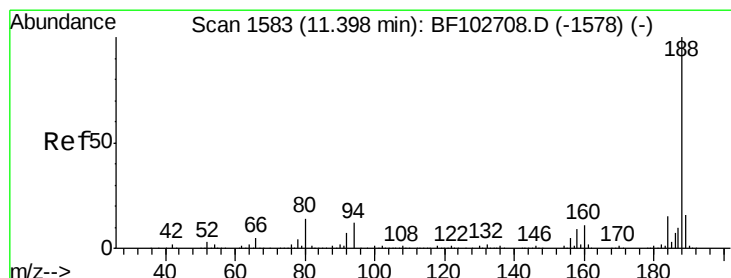
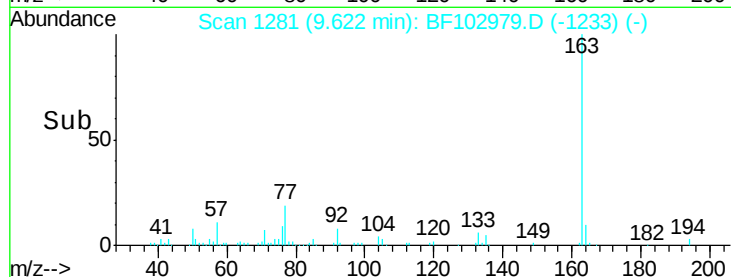
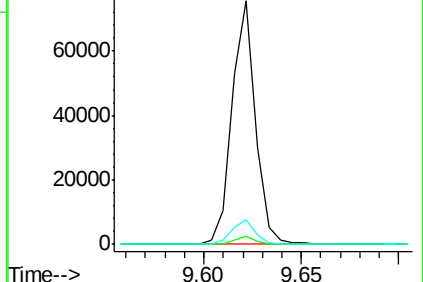
164 10.4 8.2 12.2



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: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF102979.D

Acq: 14 Feb 2018 10:39

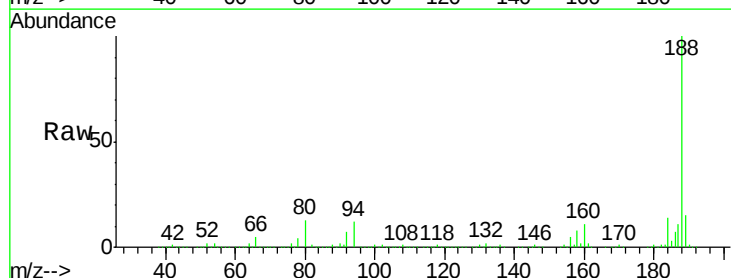
Tgt Ion:188 Resp: 646708

Ion Ratio Lower Upper

188 100

94 12.2 8.5 12.7

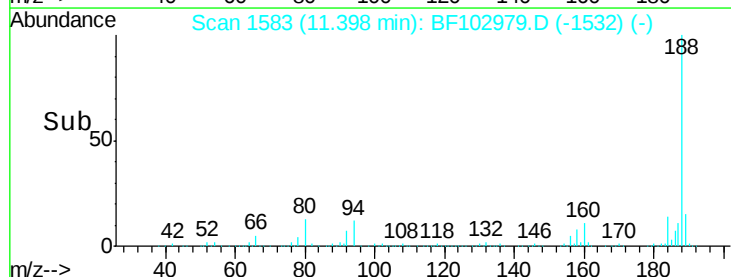
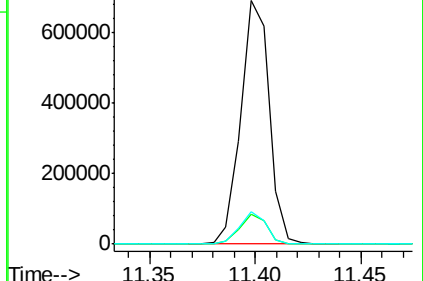
80 13.5 9.2 13.8

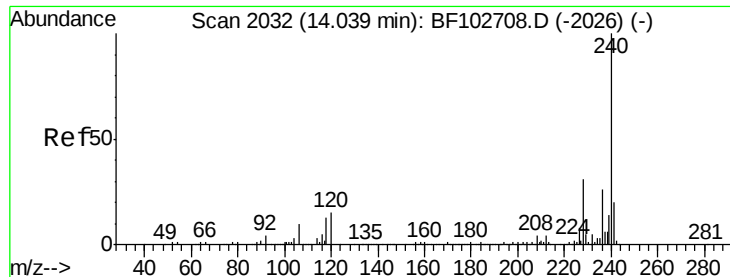


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF102979.D

Acq: 14 Feb 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB106515BL

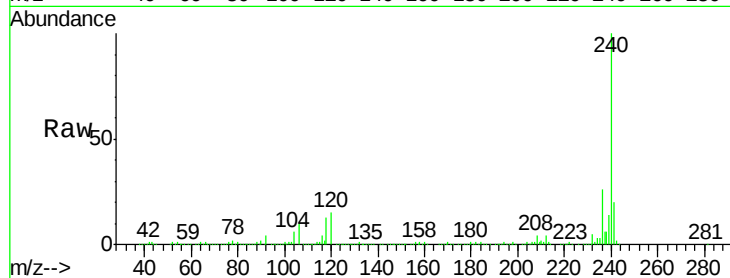
Tot Ion:240 Resp: 477958

Ion Ratio Lower Upper

240 100

120 15.5 9.5 14.3#

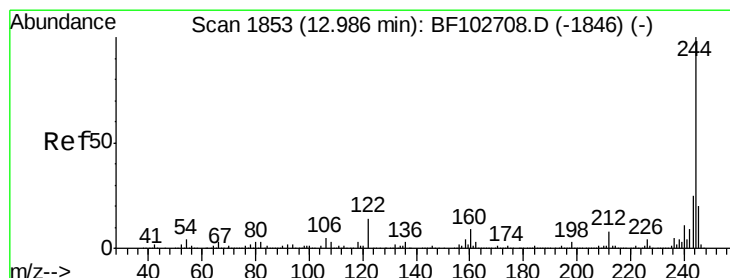
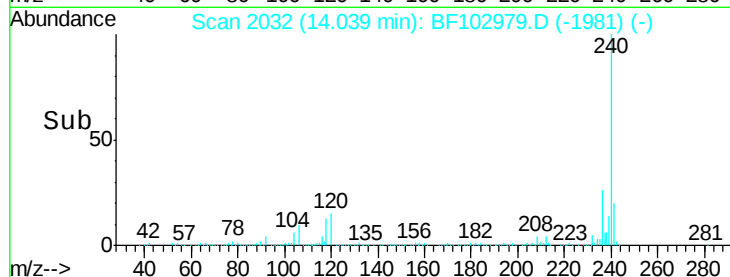
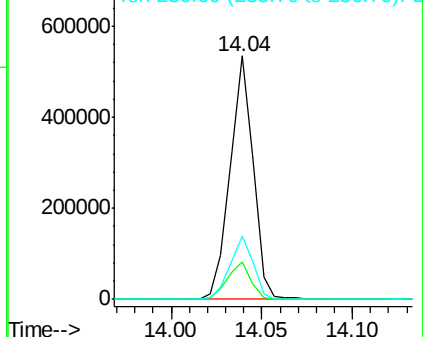
236 26.0 20.7 31.1



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: 66.662 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF102979.D

Acq: 14 Feb 2018 10:39

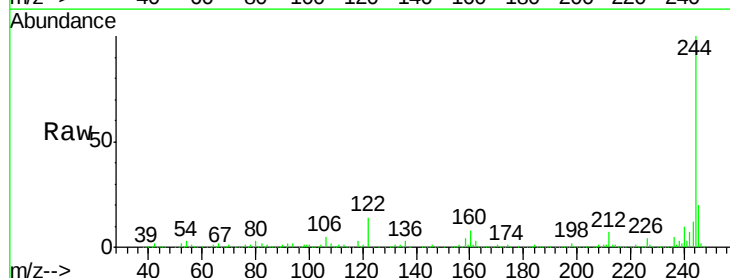
Tgt Ion:244 Resp: 1345633

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

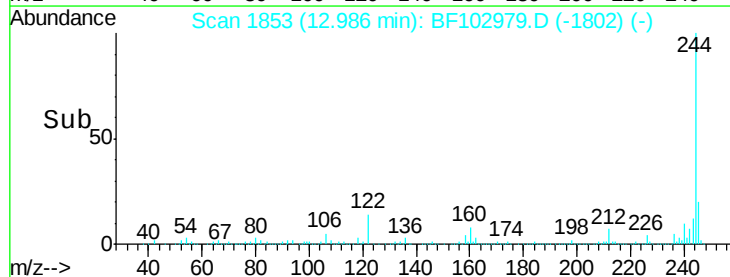
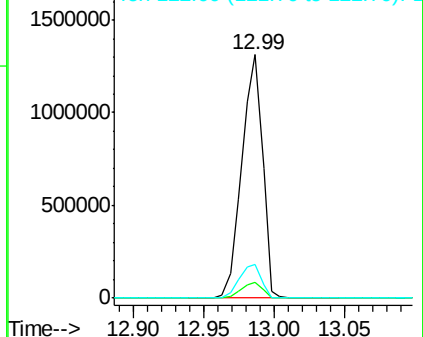
122 13.7 11.0 16.4

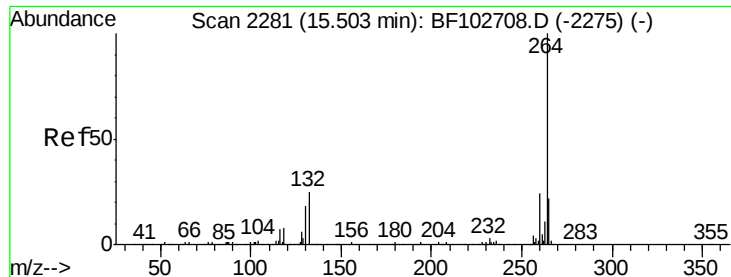


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF102979.D
Acq: 14 Feb 2018 10:39

Instrument :
BNA_F
ClientSampleId :
PB106515BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.3	17.5	26.3

