

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021618\
 Data File : BF103048.D
 Acq On : 16 Feb 2018 13:25
 Operator : SJ/JU
 Sample : PB106606BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106606BL

Quant Time: Feb 16 14:51:41 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	193922	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	817547	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	351316	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	552401	20.00	ng	0.00
75) Chrysene-d12	14.04	240	352088	20.00	ng	-0.01
86) Perylene-d12	15.53	264	330053	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1386358	108.57	ng	0.02
7) Phenol-d6	6.51	99	1650877	107.37	ng	0.00
23) Nitrobenzene-d5	7.44	82	1064060	90.29	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	286159	101.20	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1657795	78.30	ng	0.00
78) Terphenyl-d14	12.99	244	1211084	81.44	ng	0.00

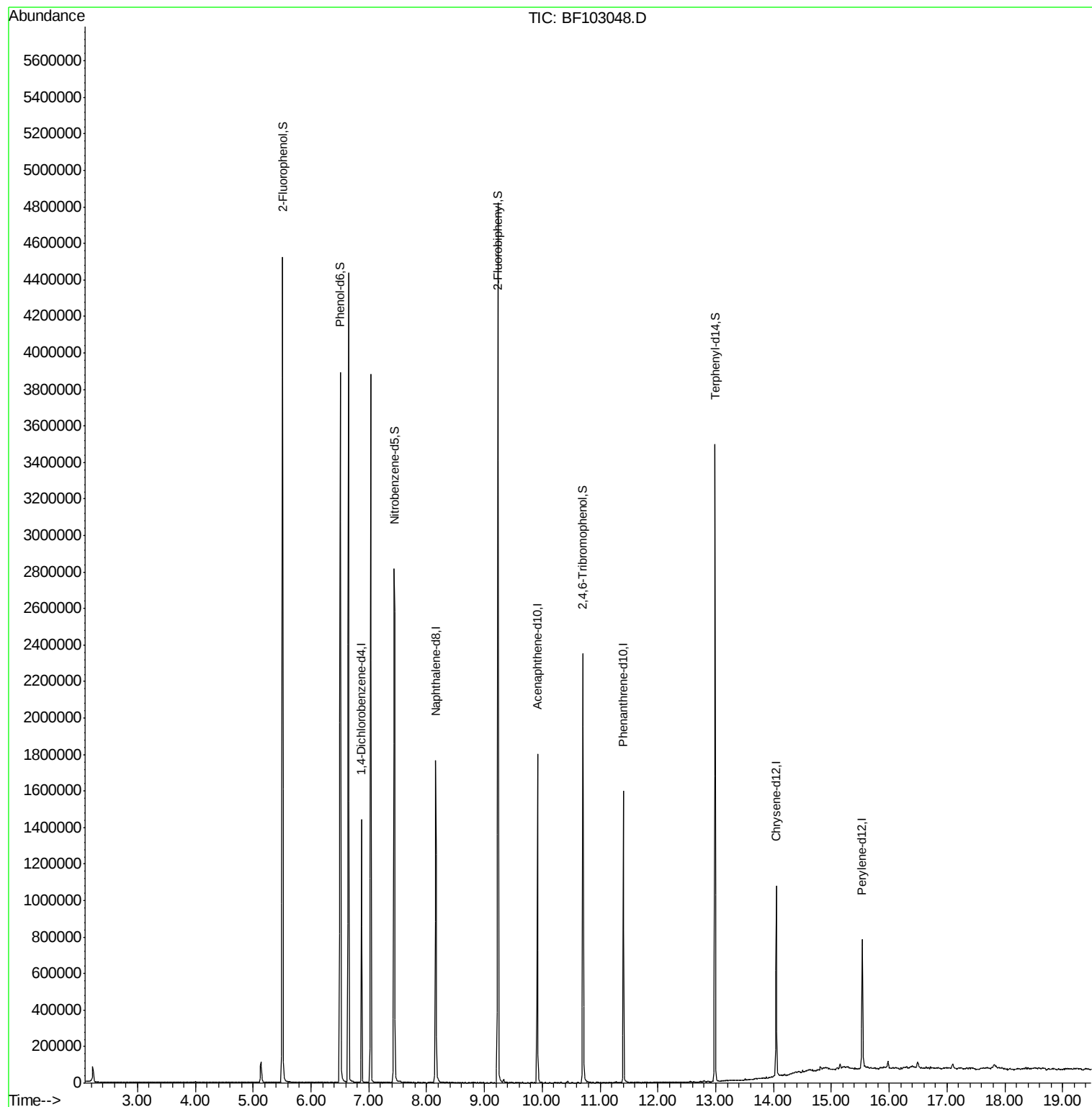
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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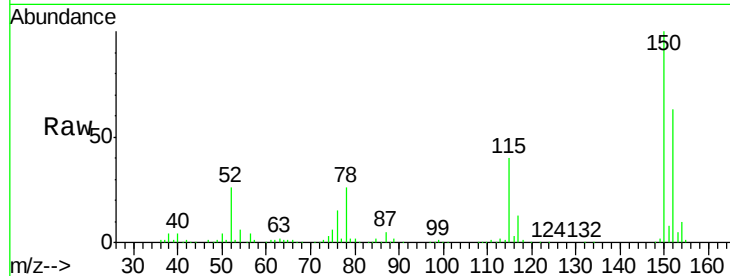


#1

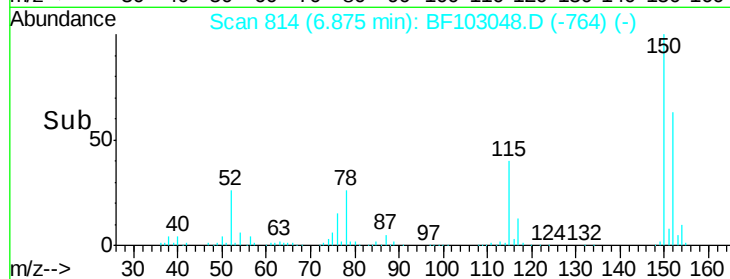
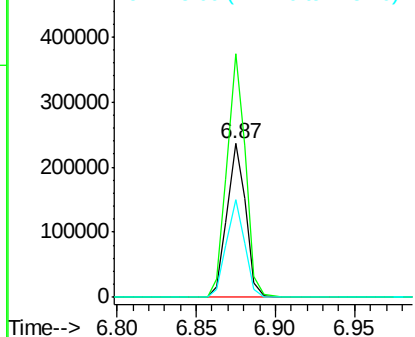
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103048.D
Acq: 16 Feb 2018 13:25

Instrument :
BNA_F
ClientSampleId :
PB106606BL

Tgt Ion:152 Resp: 193922
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 63.8 50.1 75.1



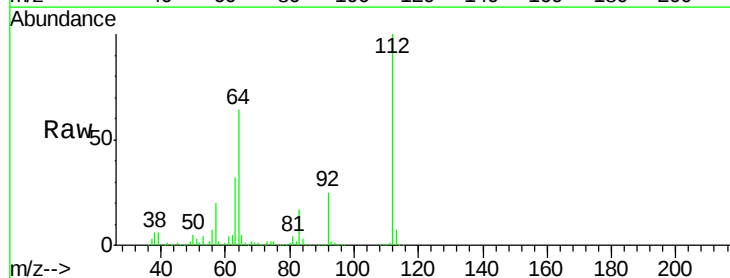
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



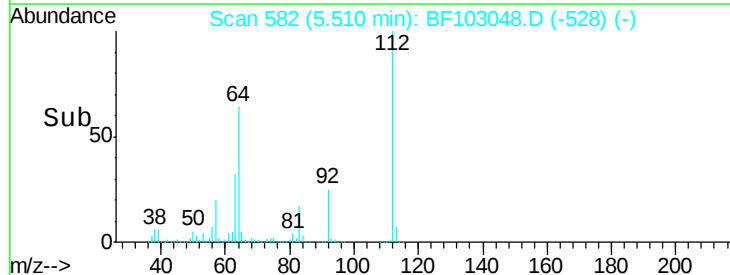
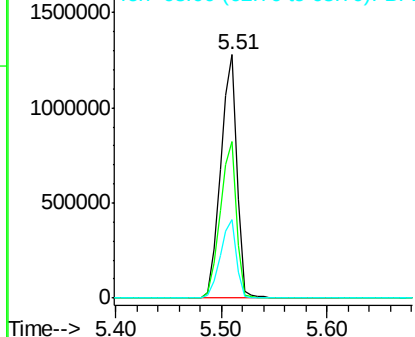
#5

2-Fluorophenol
Concen: 108.570 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF103048.D
Acq: 16 Feb 2018 13:25

Tgt Ion:112 Resp: 1386358
Ion Ratio Lower Upper
112 100
64 64.5 47.9 71.9
63 32.2 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: 107.374 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103048.D

Acq: 16 Feb 2018 13:25

Instrument :

BNA_F

ClientSampleId :

PB106606BL

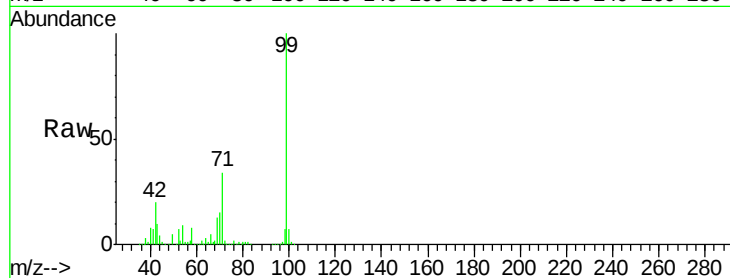
Tgt Ion: 99 Resp: 1650877

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

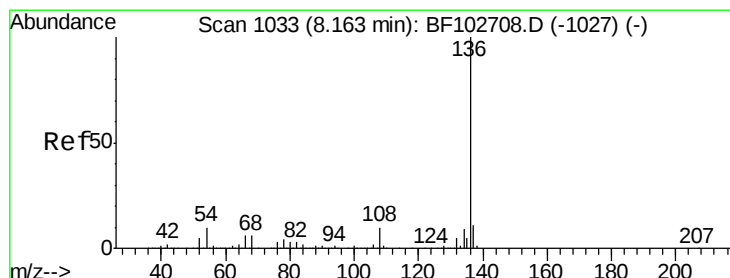
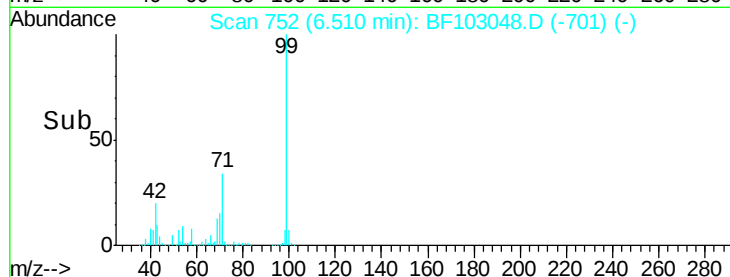
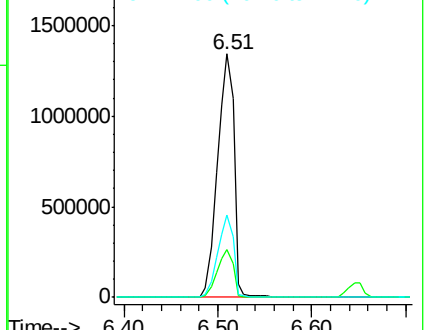
71 33.9 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103048.D

Acq: 16 Feb 2018 13:25

Tgt Ion: 136 Resp: 817547

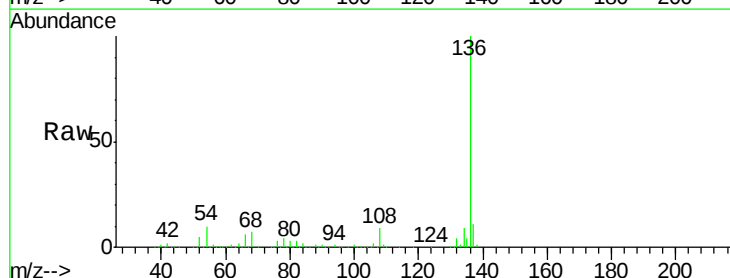
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.8 6.6 9.8

68 6.6 5.0 7.4

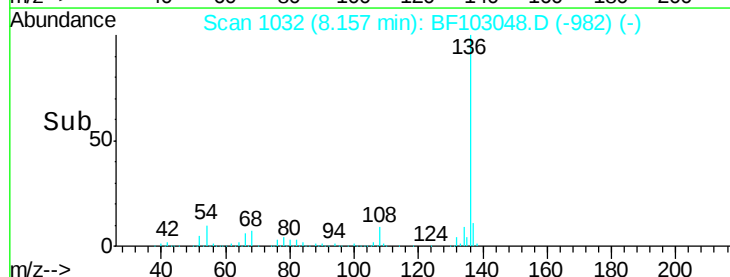
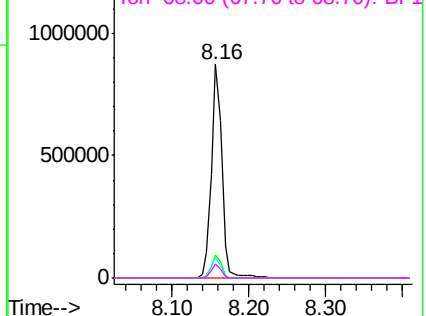


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.288 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103048.D

Acq: 16 Feb 2018 13:25

Instrument :

BNA_F

ClientSampleId :

PB106606BL

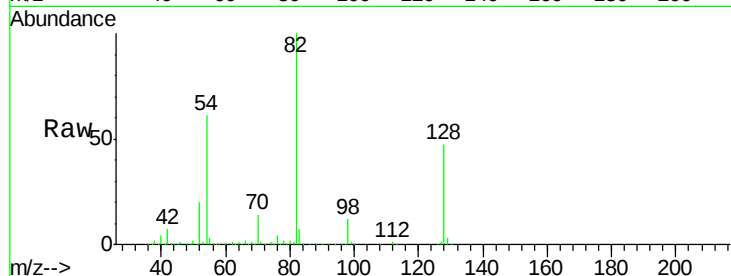
Tgt Ion: 82 Resp: 1064060

Ion Ratio Lower Upper

82 100

128 46.7 36.1 54.1

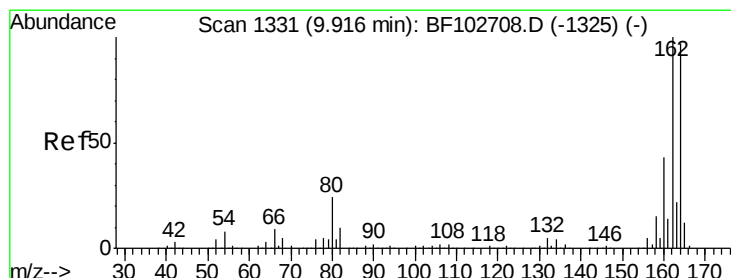
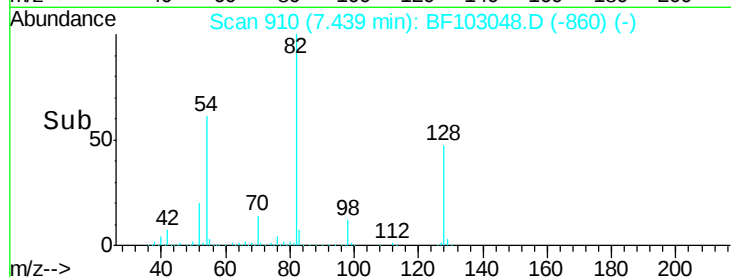
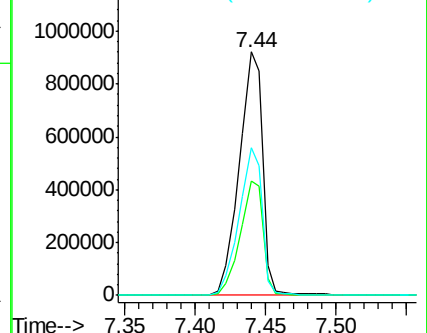
54 60.6 41.4 62.2



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: BF103048.D

Acq: 16 Feb 2018 13:25

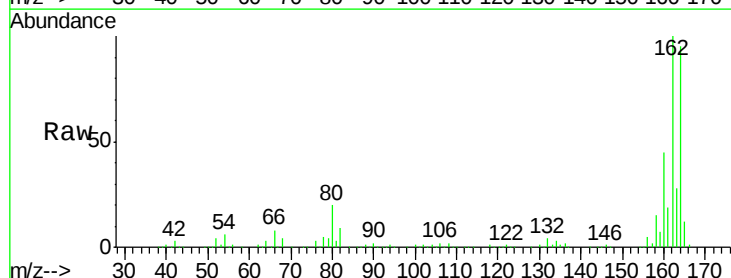
Tgt Ion: 164 Resp: 351316

Ion Ratio Lower Upper

164 100

162 105.4 86.1 129.1

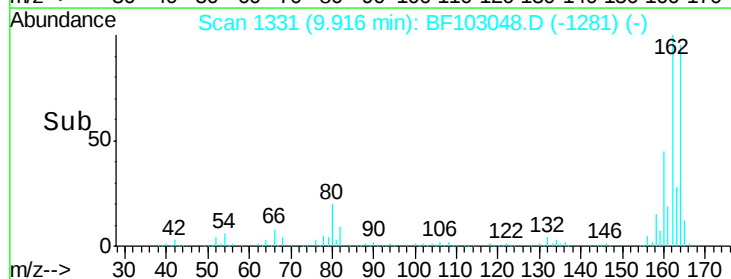
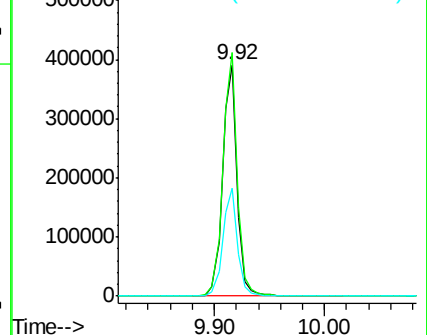
160 47.0 38.3 57.5

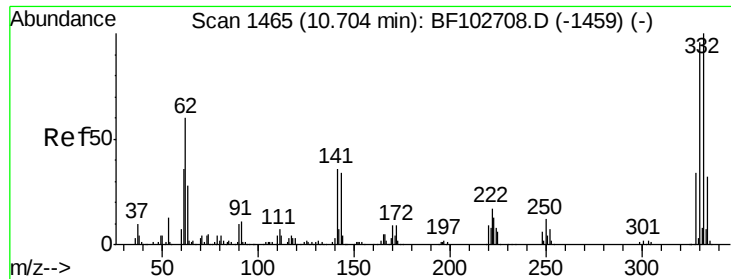


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

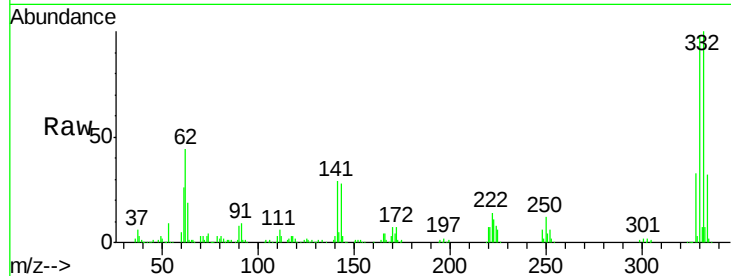




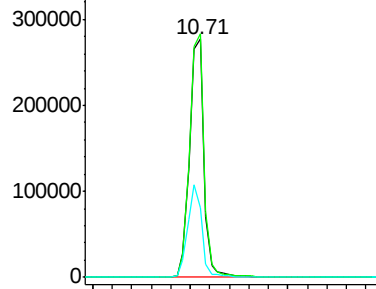
#41
 2,4,6-Tribromophenol
 Concen: 101.199 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103048.D
 Acq: 16 Feb 2018 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB106606BL

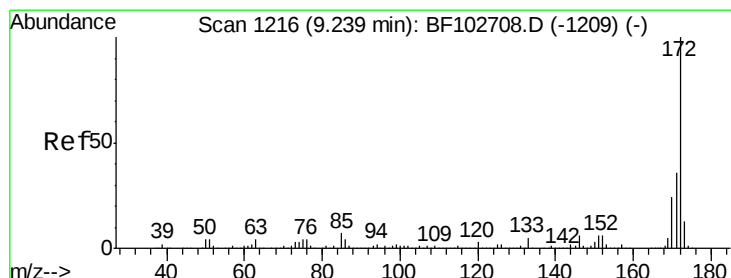
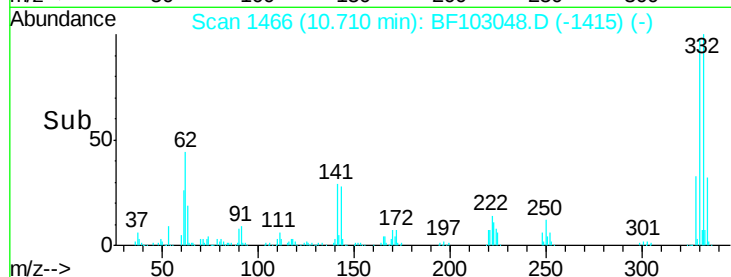
Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.6	77.0	115.6
141	38.0	29.9	44.9



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

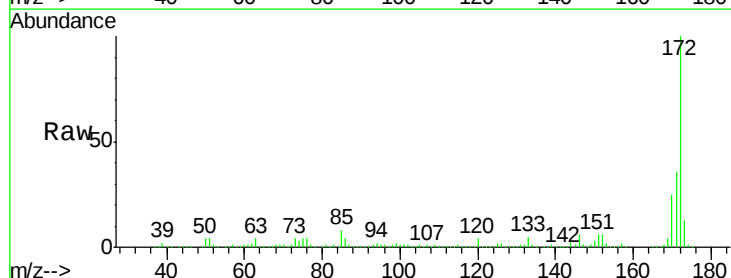


Time--> 10.60 10.70 10.80

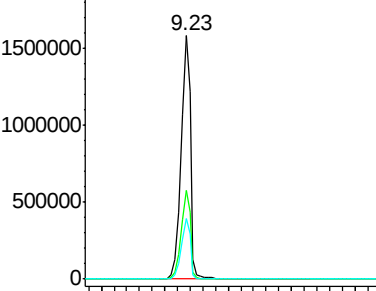


#44
 2-Fluorobiphenyl
 Concen: 78.302 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103048.D
 Acq: 16 Feb 2018 13:25

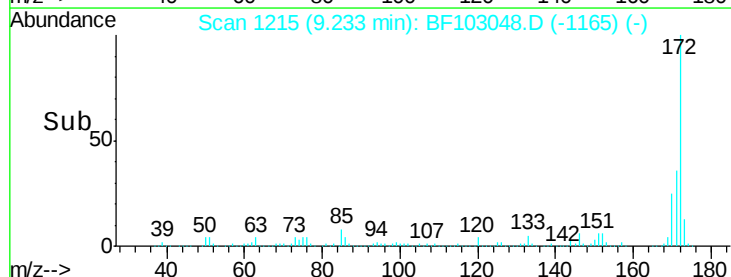
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.7	19.6	29.4

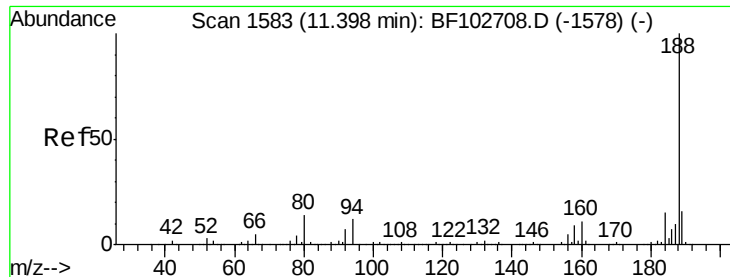


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time--> 9.10 9.20 9.30 9.40 9.50





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF103048.D

Acq: 16 Feb 2018 13:25

Instrument :

BNA_F

ClientSampleId :

PB106606BL

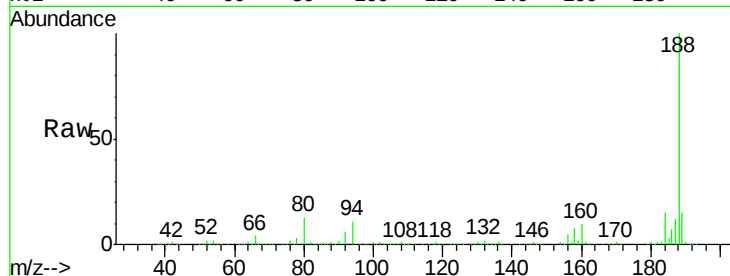
Tgt Ion:188 Resp: 552401

Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

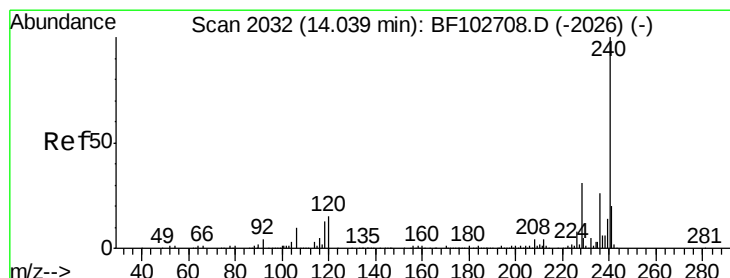
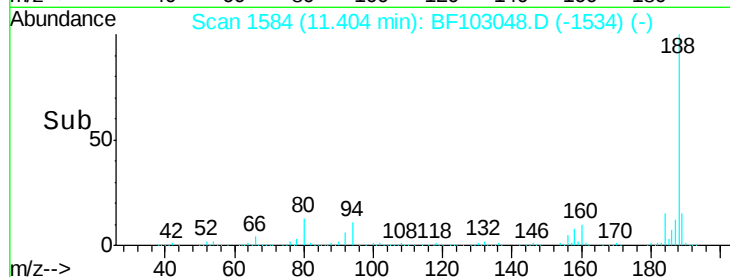
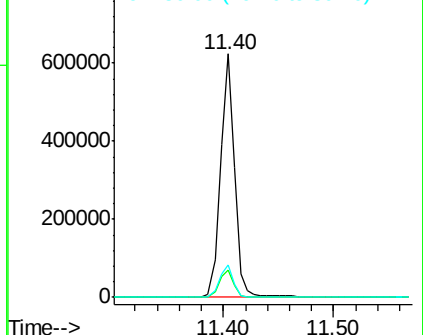
80 13.1 9.2 13.8



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# 2033

Delta R.T. -0.01 min

Lab File: BF103048.D

Acq: 16 Feb 2018 13:25

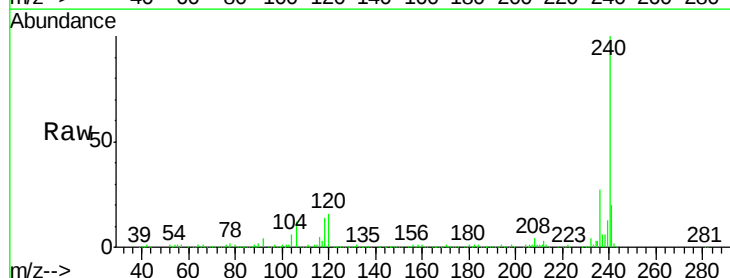
Tgt Ion:240 Resp: 352088

Ion Ratio Lower Upper

240 100

120 15.9 9.5 14.3#

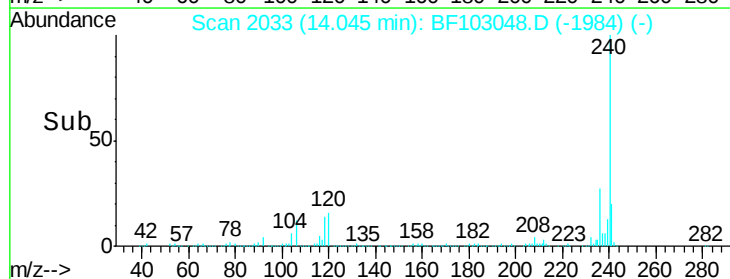
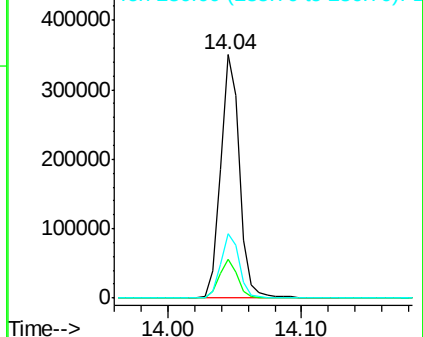
236 26.7 20.7 31.1

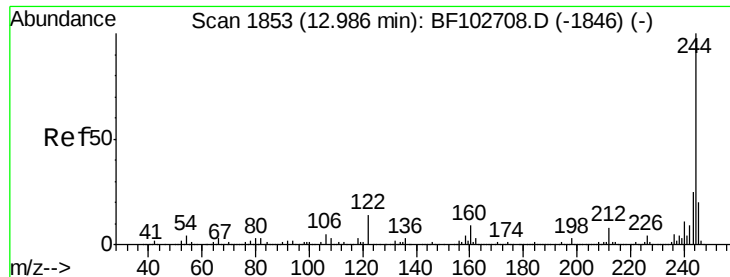


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.445 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103048.D

Acq: 16 Feb 2018 13:25

Instrument :

BNA_F

ClientSampleId :

PB106606BL

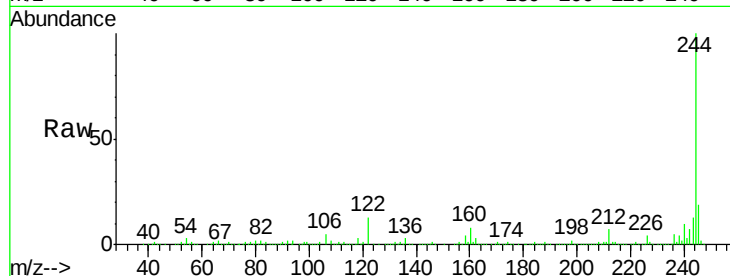
Tgt Ion:244 Resp: 1211084

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

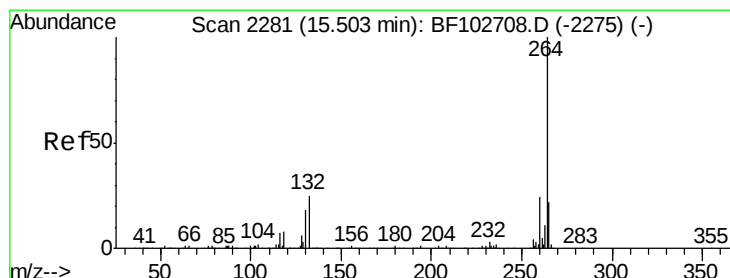
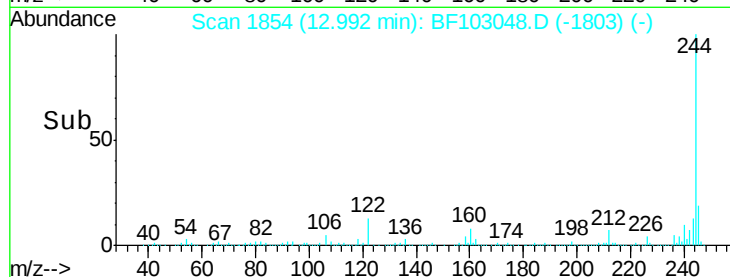
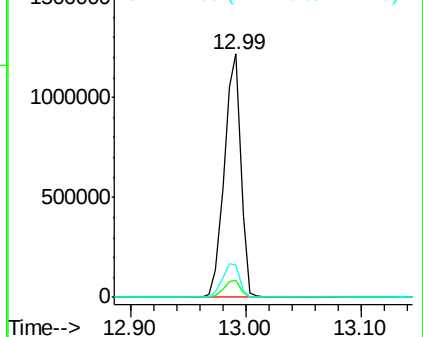
122 13.3 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. -0.01 min

Lab File: BF103048.D

Acq: 16 Feb 2018 13:25

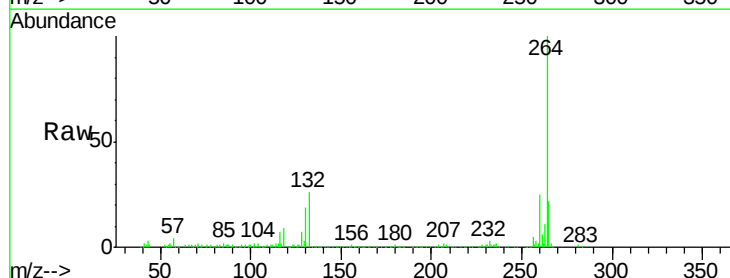
Tgt Ion:264 Resp: 330053

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 21.7 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

