

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
 Data File : BF100468.D
 Acq On : 12 Nov 2017 4:50
 Operator : SJ/JU
 Sample : I6407-02
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3091-4235

Quant Time: Nov 13 05:47:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	135554	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	502362	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	197512	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	305290	20.00	ng	0.00
75) Chrysene-d12	14.06	240	283499	20.00	ng	0.00
86) Perylene-d12	15.54	264	195844	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	991552	117.26	ng	0.02
7) Phenol-d6	6.53	99	1080192	103.59	ng	0.00
23) Nitrobenzene-d5	7.47	82	829319	109.14	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	248961	123.70	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1399408	107.89	ng	0.00
78) Terphenyl-d14	13.01	244	1041608	84.42	ng	0.00

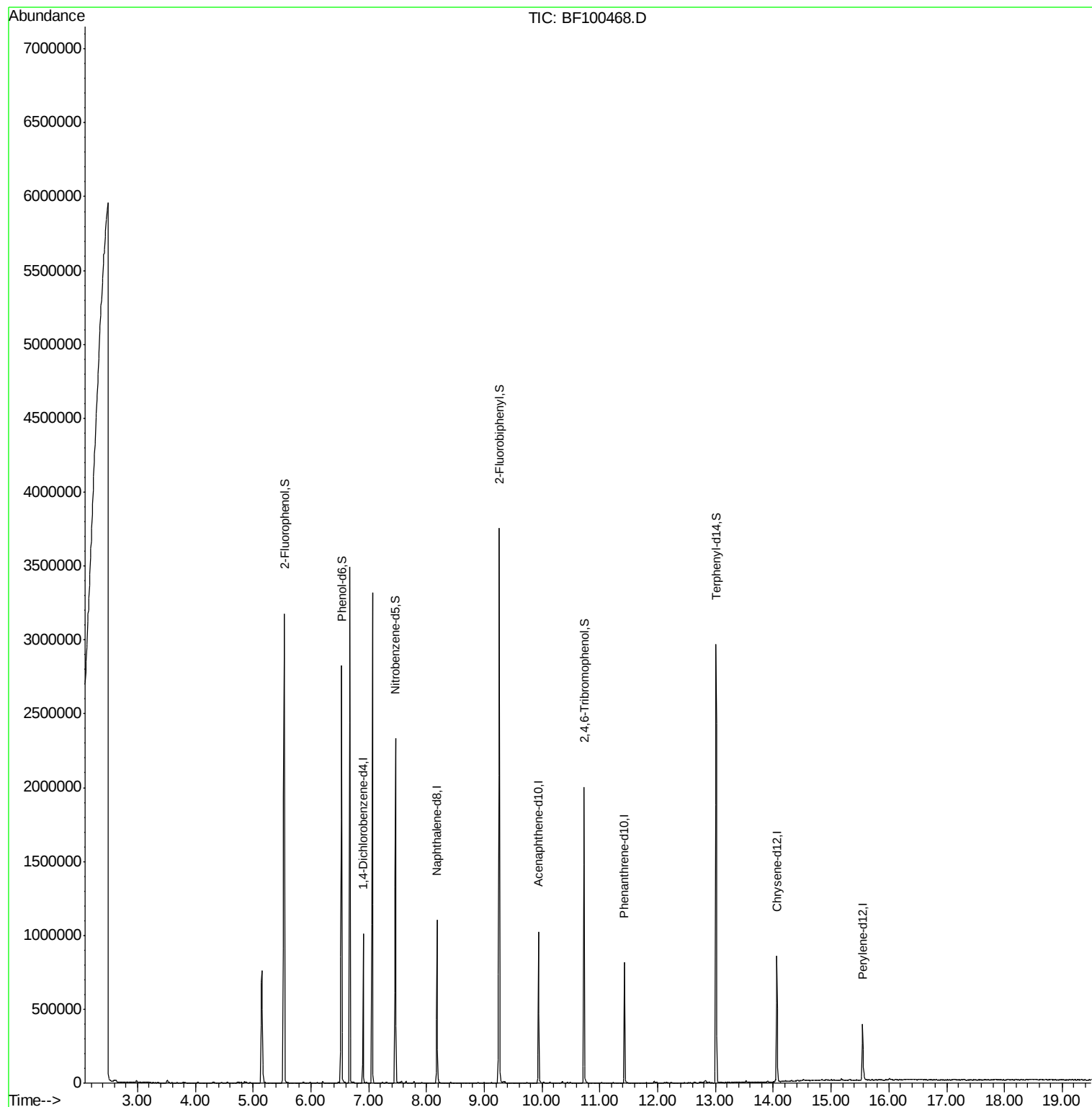
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF100468.D

Acq: 12 Nov 2017 4:50

Instrument :

BNA_F

ClientSampleId :

3091-4235

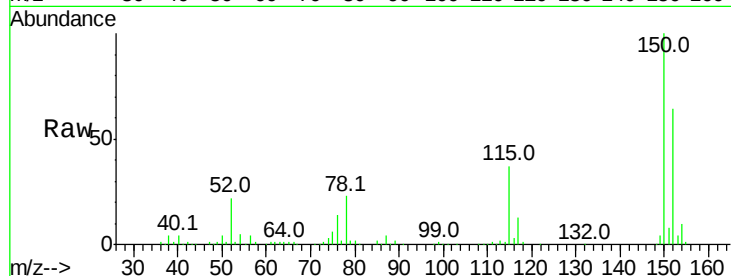
Tot Ion:152 Resp: 135554

Ion Ratio Lower Upper

152 100

150 155.6 124.6 186.8

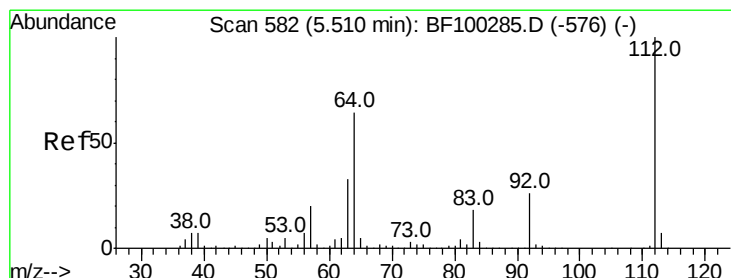
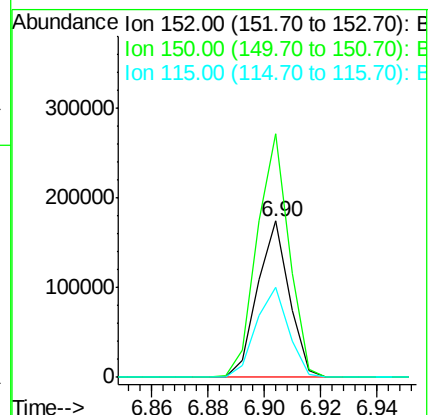
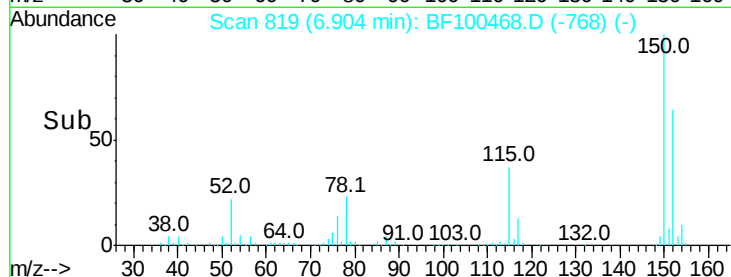
115 57.8 50.1 75.1



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: 117.256 ng

RT: 5.54 min Scan# 587

Delta R.T. 0.02 min

Lab File: BF100468.D

Acq: 12 Nov 2017 4:50

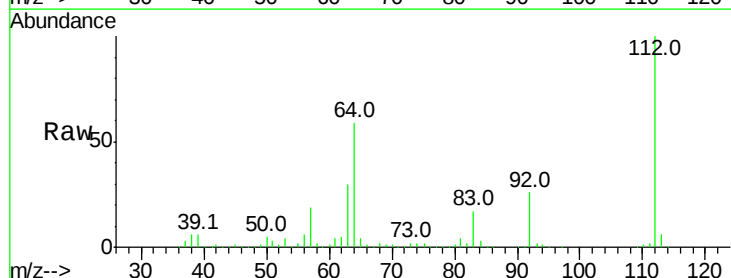
Tgt Ion:112 Resp: 991552

Ion Ratio Lower Upper

112 100

64 58.7 47.9 71.9

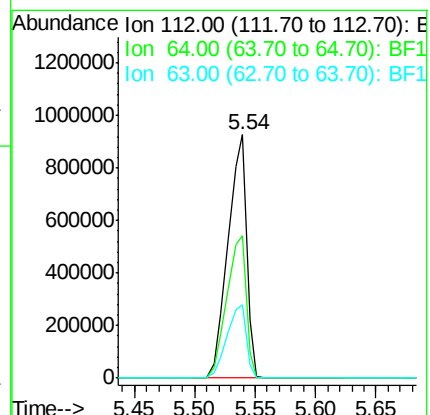
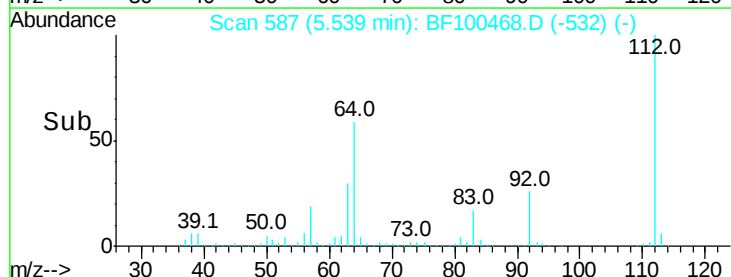
63 30.2 23.7 35.5



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: 103.588 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF100468.D

Acq: 12 Nov 2017 4:50

Instrument :

BNA_F

ClientSampleId :

3091-4235

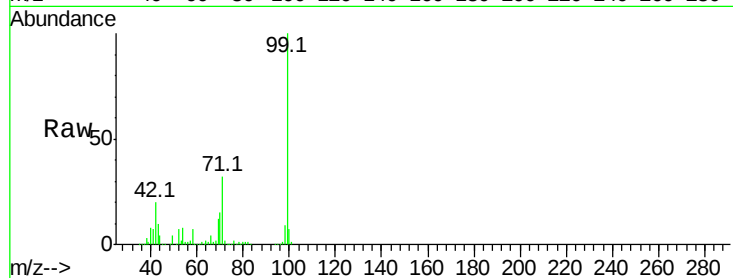
Tot Ion: 99 Resp: 1080192

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

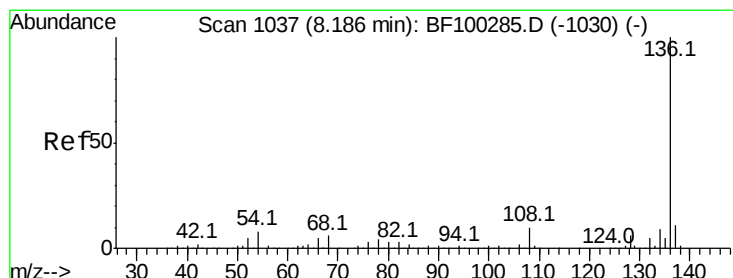
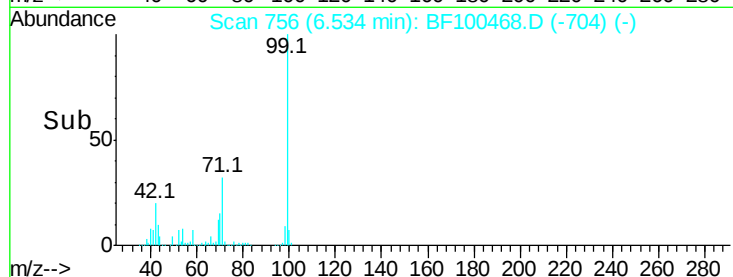
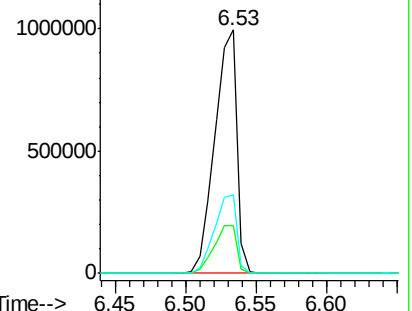
71 32.2 25.4 38.0



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: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100468.D

Acq: 12 Nov 2017 4:50

Tgt Ion: 136 Resp: 502362

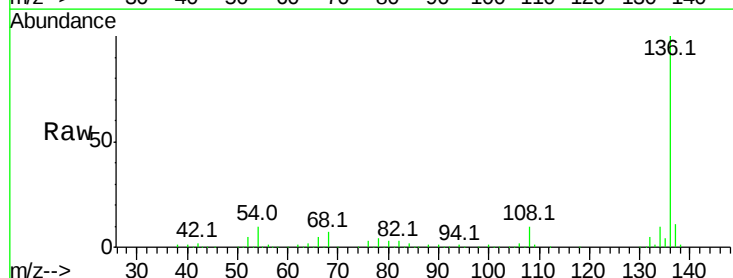
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.8 6.6 9.8

68 7.1 5.0 7.4

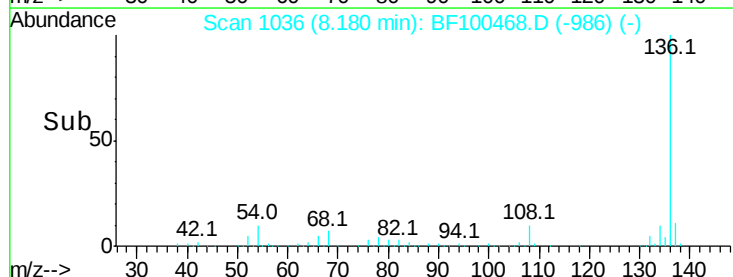
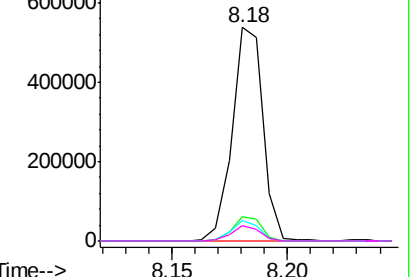


Abundance Ion 136.00 (135.70 to 136.70): E

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

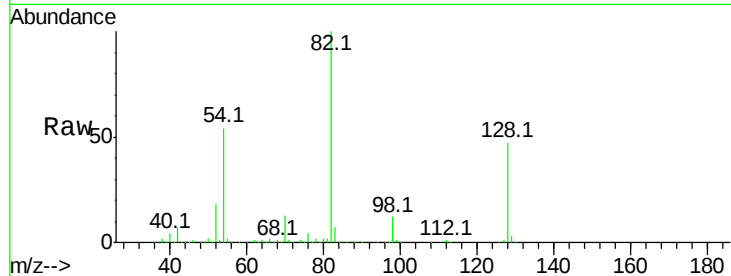




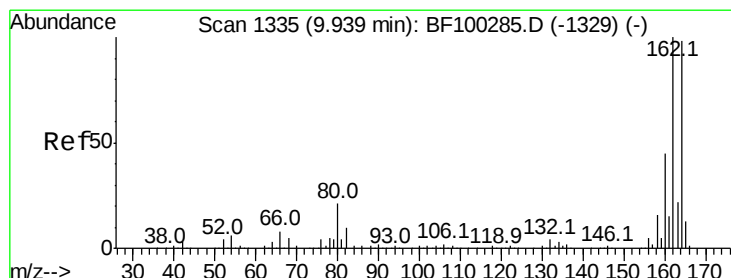
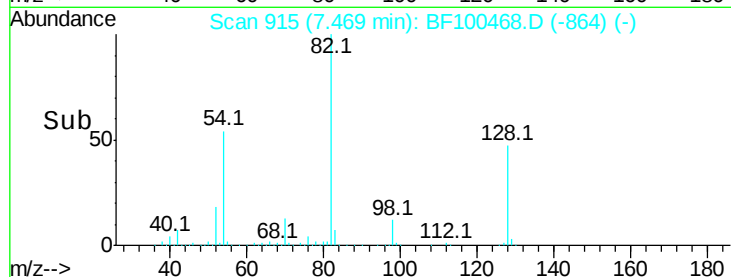
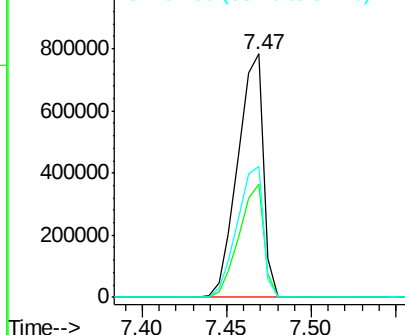
#23
 Nitrobenzene-d5
 Concen: 109.143 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF100468.D
 Acq: 12 Nov 2017 4:50

Instrument :
 BNA_F
 ClientSampled :
 3091-4235

Tot Ion: 82 Resp: 829319
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.1 54.1
 54 54.0 41.4 62.2

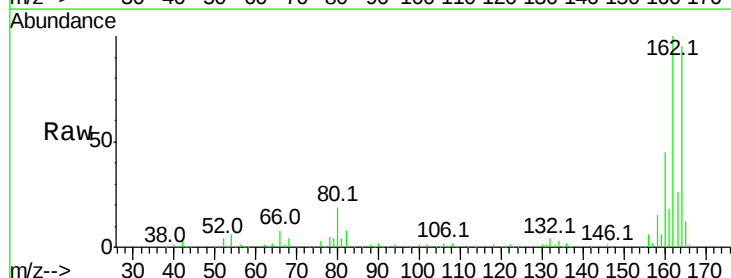


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

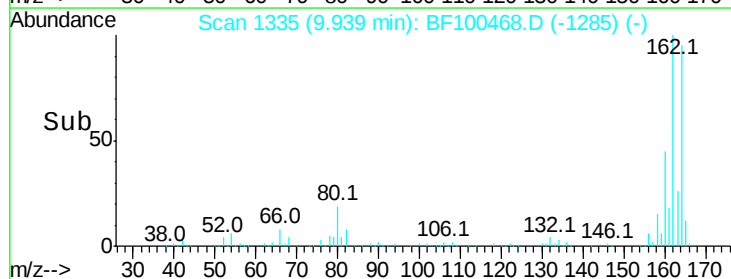
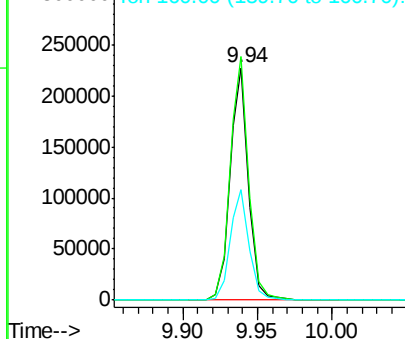


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF100468.D
 Acq: 12 Nov 2017 4:50

Tgt Ion: 164 Resp: 197512
 Ion Ratio Lower Upper
 164 100
 162 104.9 86.1 129.1
 160 47.6 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

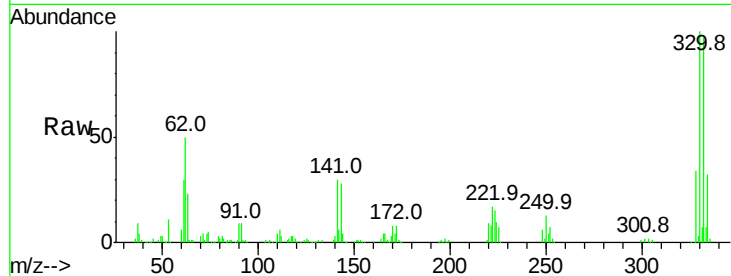




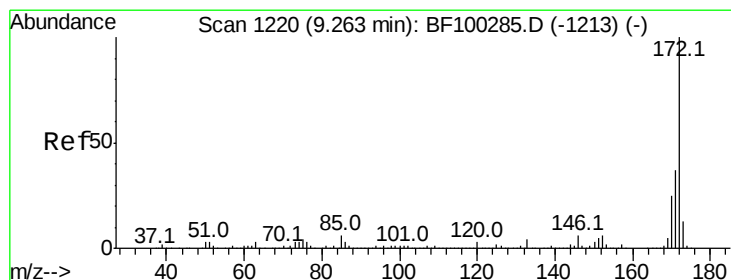
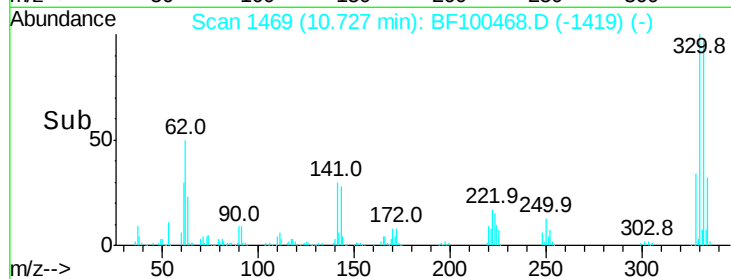
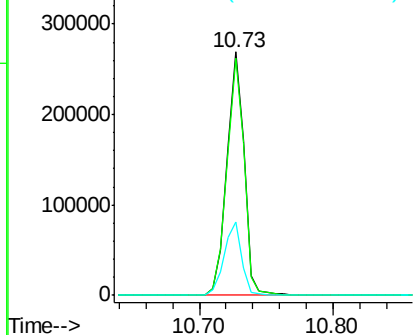
#41
 2,4,6-Tribromophenol
 Concen: 123.698 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100468.D
 Acq: 12 Nov 2017 4:50

Instrument :
 BNA_F
 ClientSampleId :
 3091-4235

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	30.8	29.9	44.9

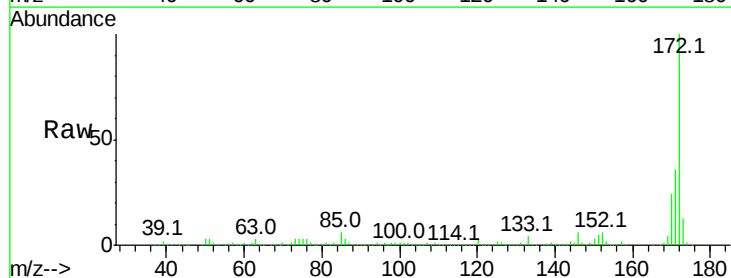


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

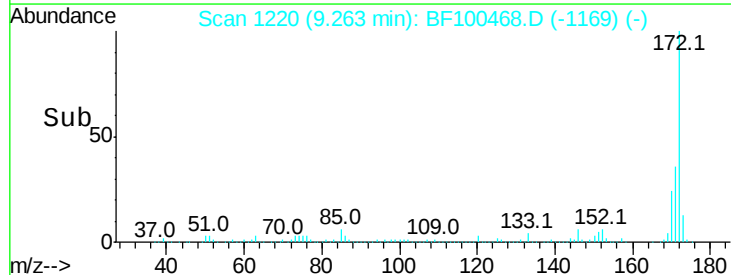
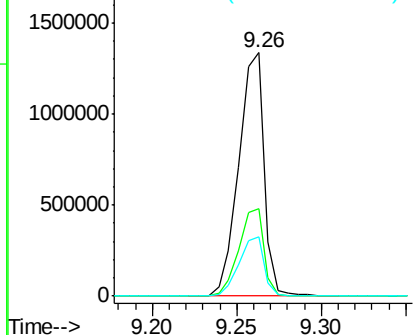


#44
 2-Fluorobiphenyl
 Concen: 107.887 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100468.D
 Acq: 12 Nov 2017 4:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF100468.D

Acq: 12 Nov 2017 4:50

Instrument :

BNA_F

ClientSampleId :

3091-4235

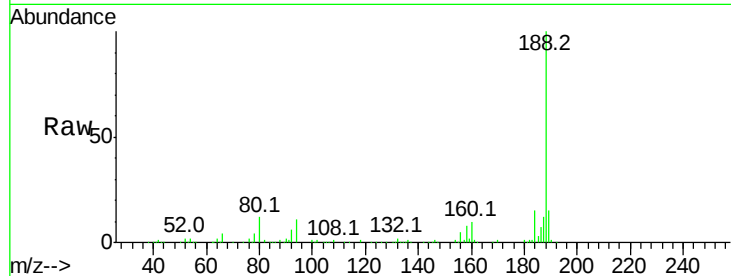
Tot Ion:188 Resp: 305290

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

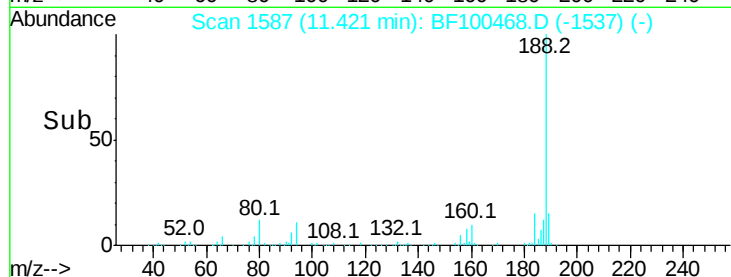
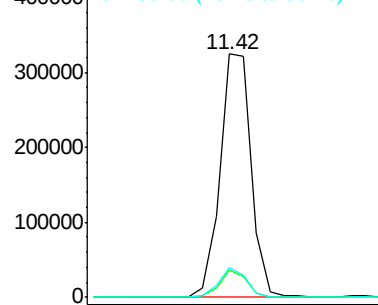
80 12.4 9.2 13.8



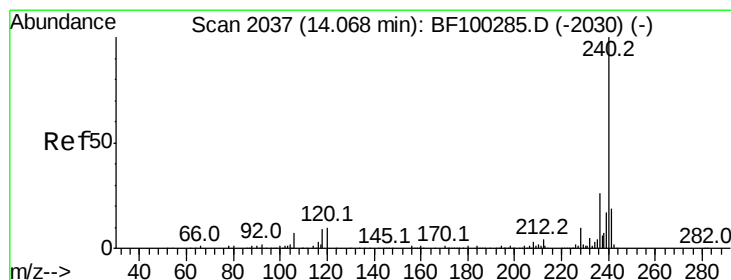
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100468.D

Acq: 12 Nov 2017 4:50

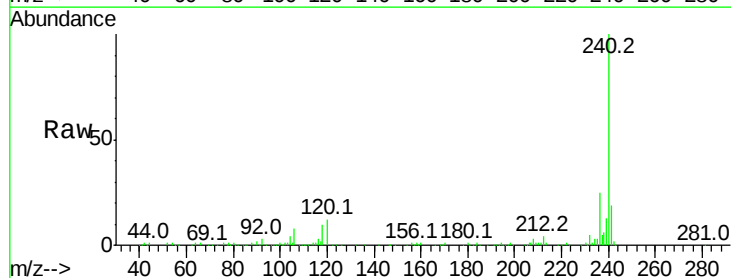
Tgt Ion:240 Resp: 283499

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

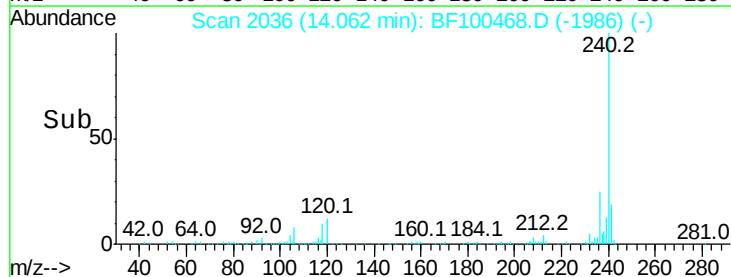
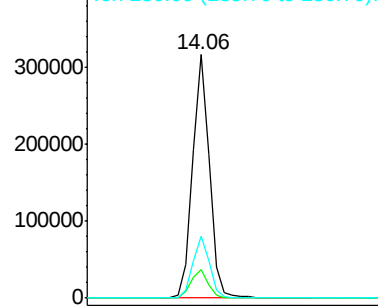
236 25.4 20.7 31.1



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



Time-->



#78

Terphenyl-d14

Concen: 84.420 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100468.D

Acq: 12 Nov 2017 4:50

Instrument :

BNA_F

ClientSampleId :

3091-4235

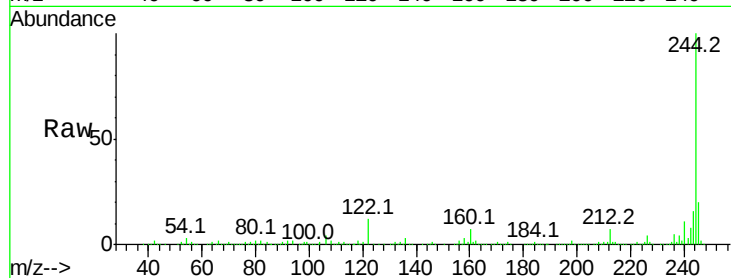
Tot Ion:244 Resp: 1041608

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

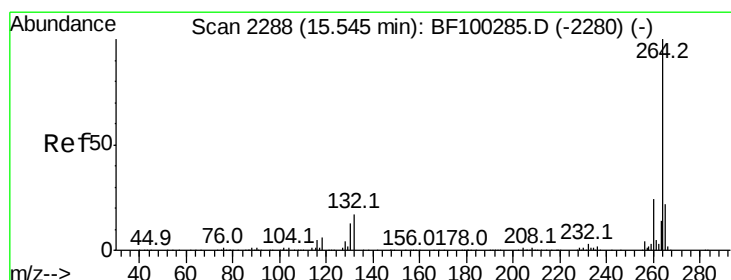
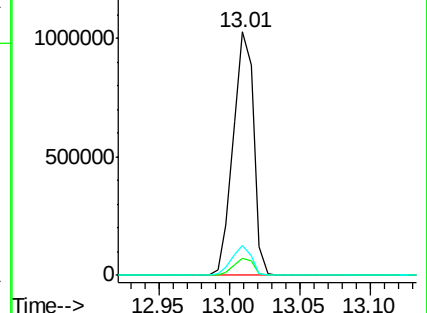
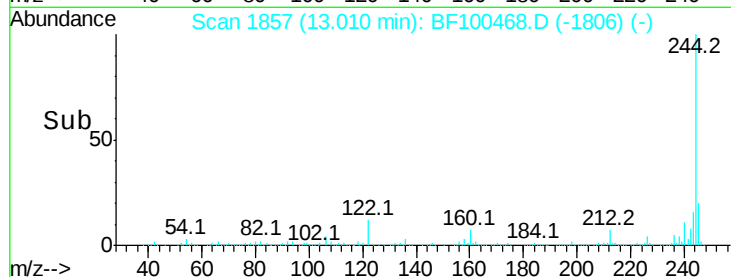
122 12.4 11.0 16.4



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: 15.54 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BF100468.D

Acq: 12 Nov 2017 4:50

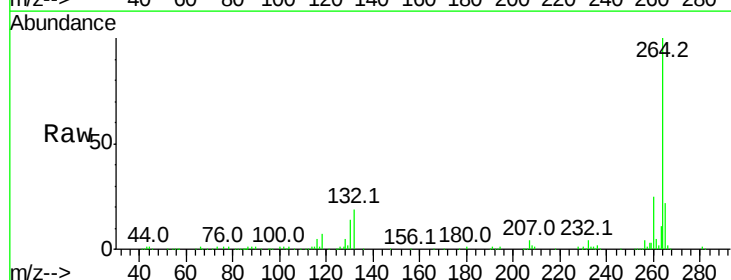
Tgt Ion:264 Resp: 195844

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 21.8 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

