

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
 Data File : BF092981.D
 Acq On : 16 Feb 2017 7:22
 Operator : SJ/MA
 Sample : I1822-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021317-15-70

Quant Time: Feb 16 07:52:19 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	154612	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	593503	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	302457	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	473815	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	325867	20.00	ng	-0.03
86) Perylene-d12	15.46	264	283106	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1152271	127.86	ng	0.00
7) Phenol-d6	6.51	99	1223391	105.51	ng	-0.02
23) Nitrobenzene-d5	7.45	82	1086036	101.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	327638	149.77	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1749163	104.77	ng	0.00
78) Terphenyl-d14	12.98	244	1328043	95.76	ng	-0.01

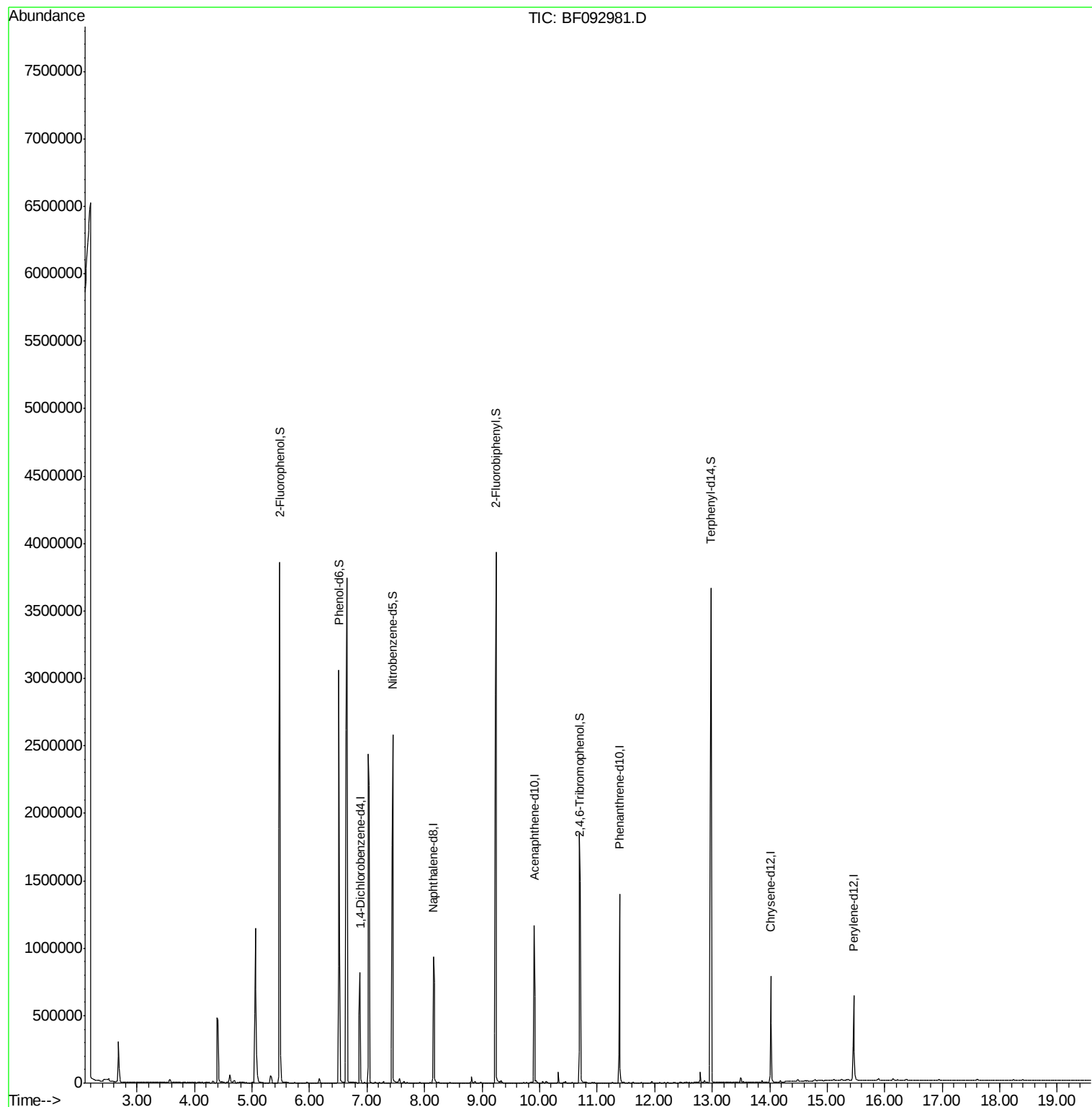
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092981.D

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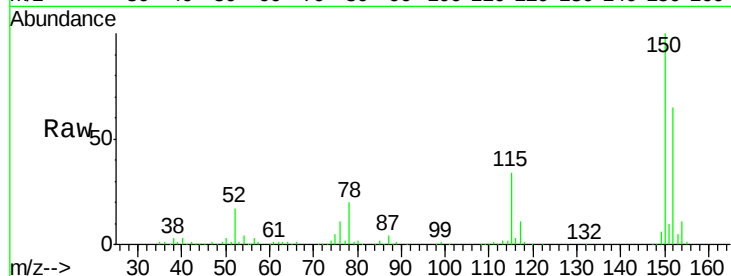
Tgt Ion:152 Resp: 154612

Ion Ratio Lower Upper

152 100

150 154.7 124.9 187.3

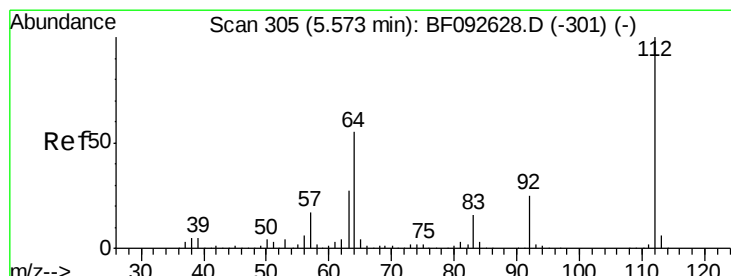
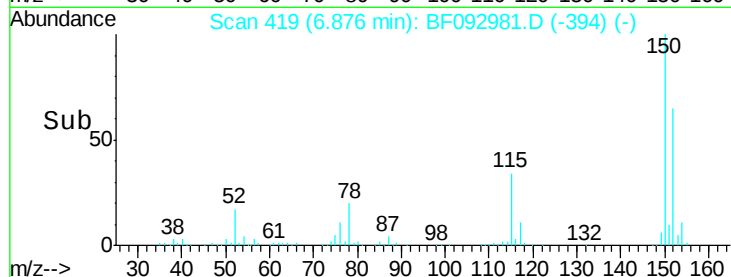
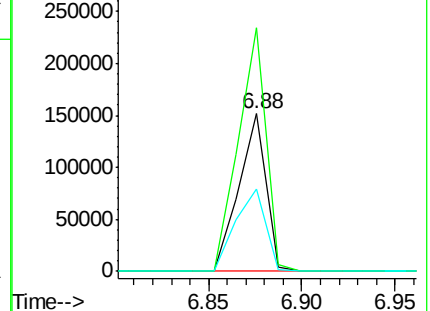
115 52.4 46.0 69.0



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: 127.86 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.00 min

Lab File: BF092981.D

Acq: 16 Feb 2017 7:22

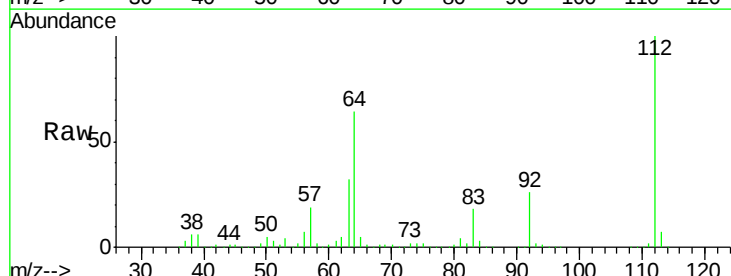
Tgt Ion:112 Resp: 1152271

Ion Ratio Lower Upper

112 100

64 63.6 46.1 69.1

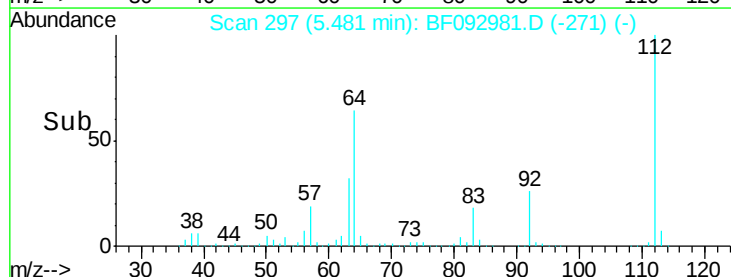
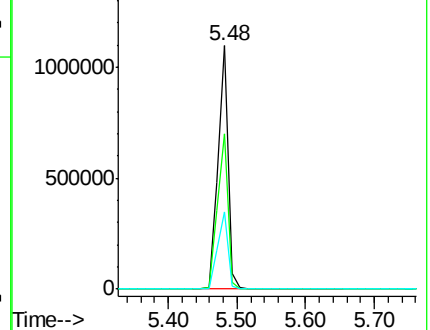
63 31.7 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.51 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092981.D

Acq: 16 Feb 2017 7:22

Instrument :

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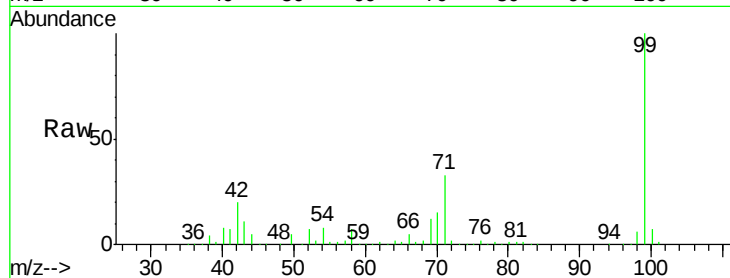
Tgt Ion: 99 Resp: 1223391

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

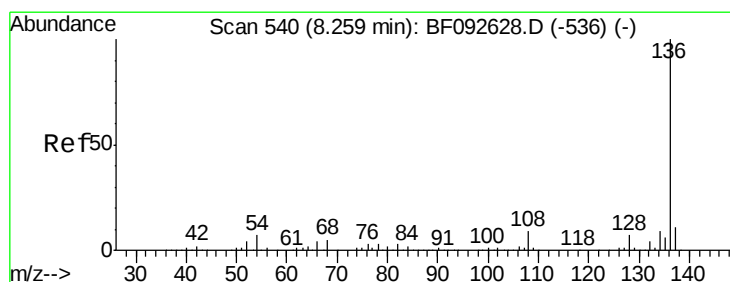
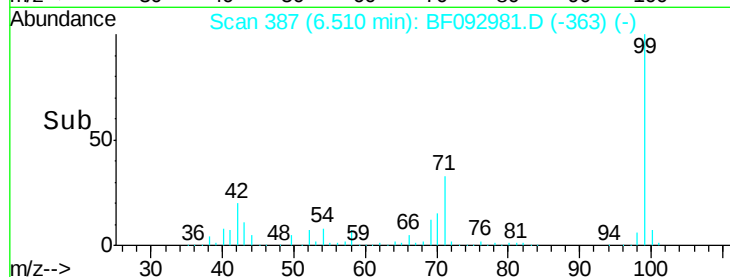
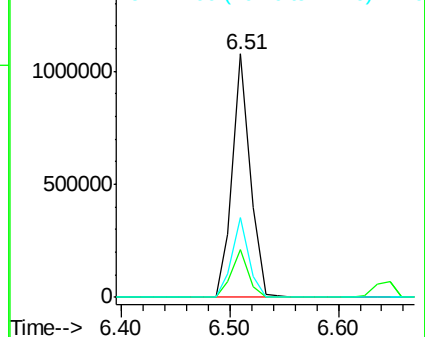
71 32.9 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF092981.D

Acq: 16 Feb 2017 7:22

Tgt Ion: 136 Resp: 593503

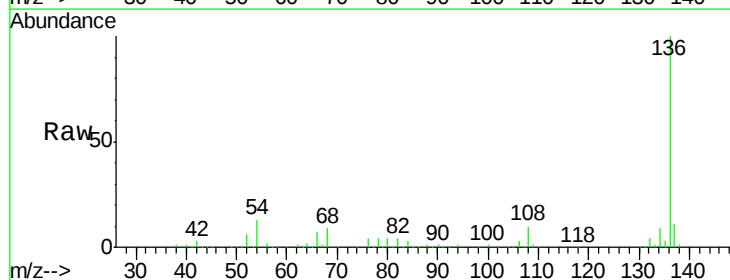
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 13.0 4.5 6.7#

68 8.7 3.6 5.4#

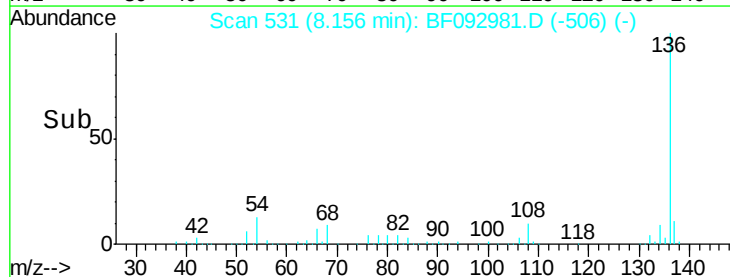
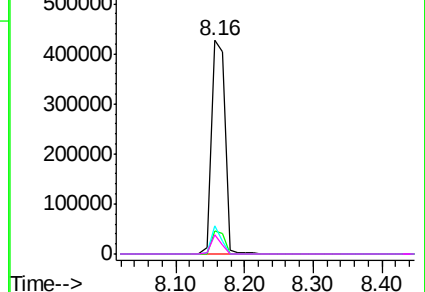


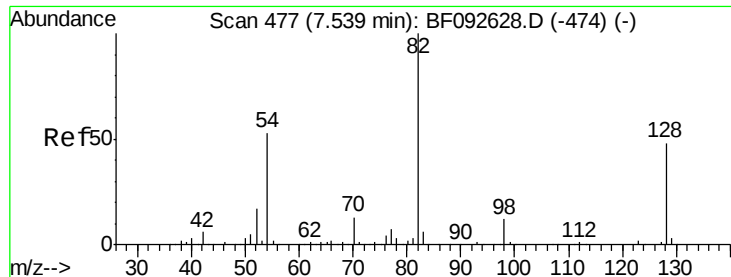
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 101.90 ng

RT: 7.45 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF092981.D

Acq: 16 Feb 2017 7:22

Instrument :

BNA_F

ClientSampleId :

38-WCS021317-15-70

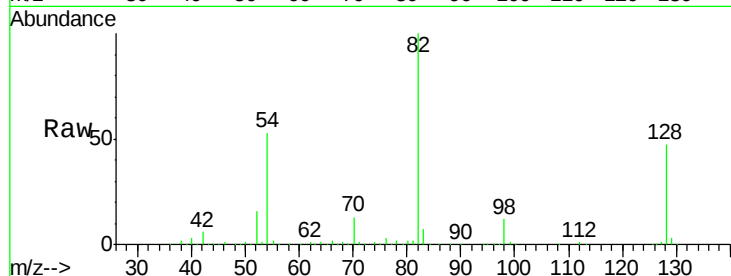
Tgt Ion: 82 Resp: 1086036

Ion Ratio Lower Upper

82 100

128 47.4 34.6 52.0

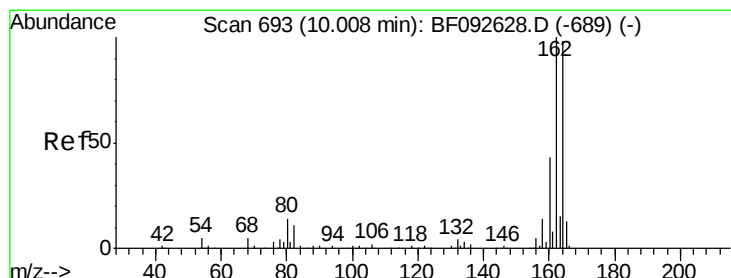
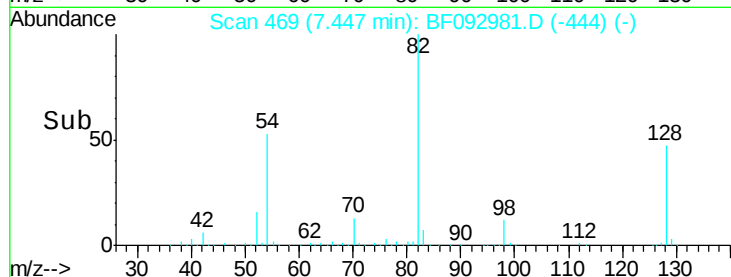
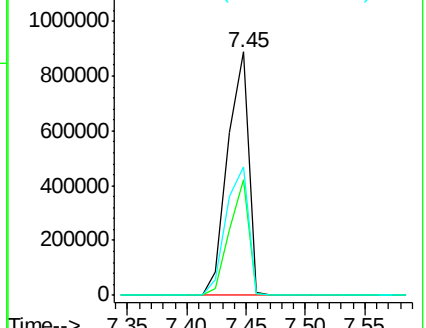
54 52.5 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF092981.D

Acq: 16 Feb 2017 7:22

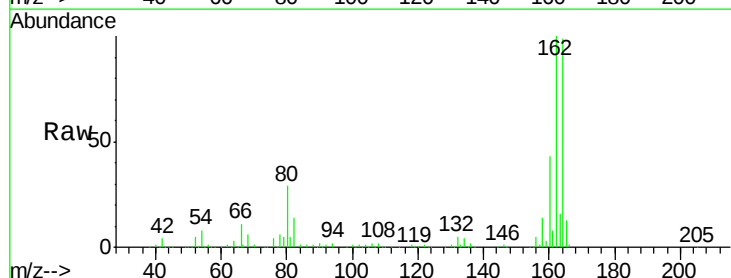
Tgt Ion: 164 Resp: 302457

Ion Ratio Lower Upper

164 100

162 101.4 80.2 120.2

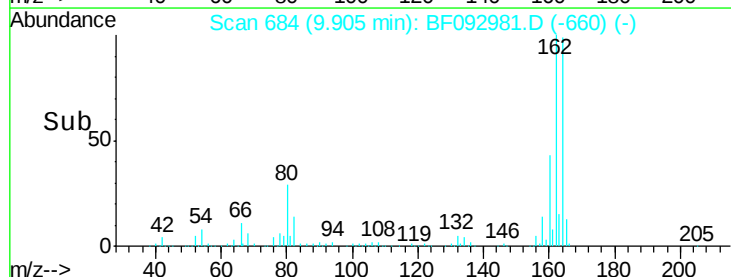
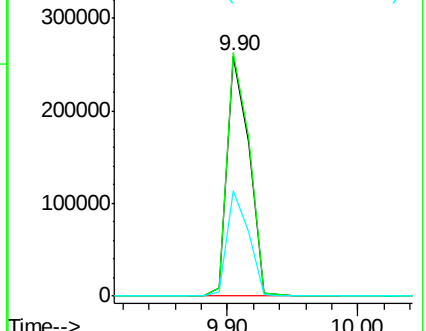
160 44.0 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

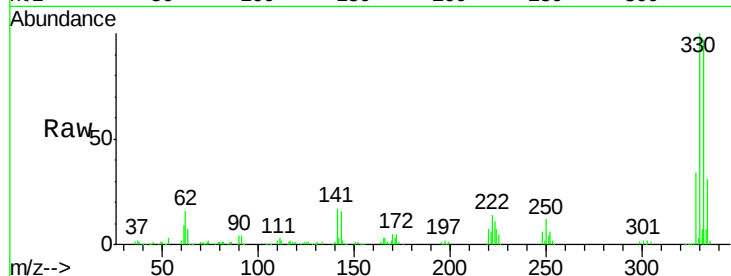




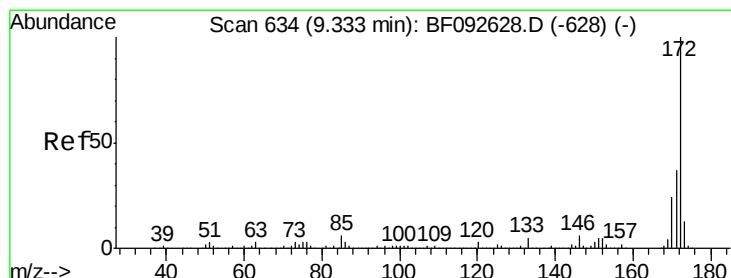
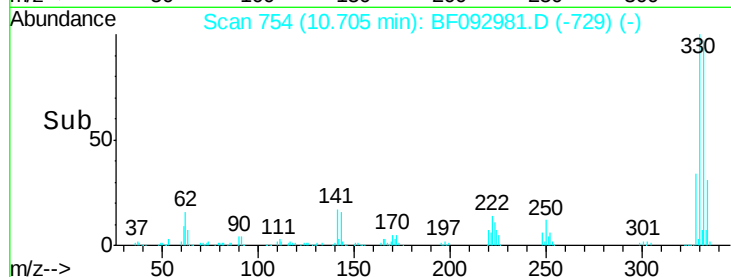
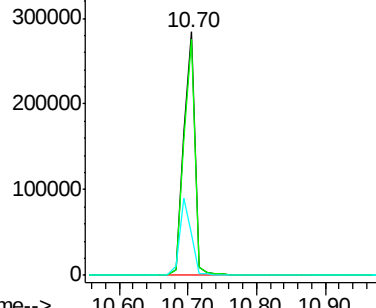
#41
 2,4,6-Tribromophenol
 Concen: 149.77 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092981.D
 Acq: 16 Feb 2017 7:22

Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021317-15-70

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	32.5	34.1	51.1#

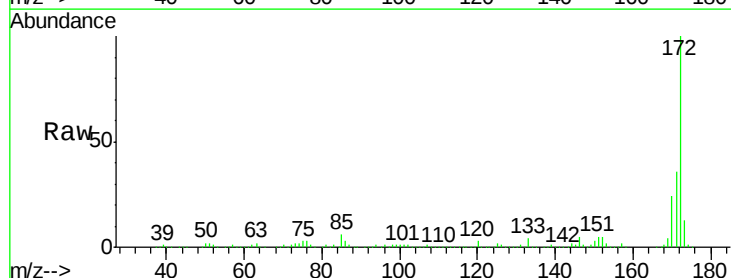


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

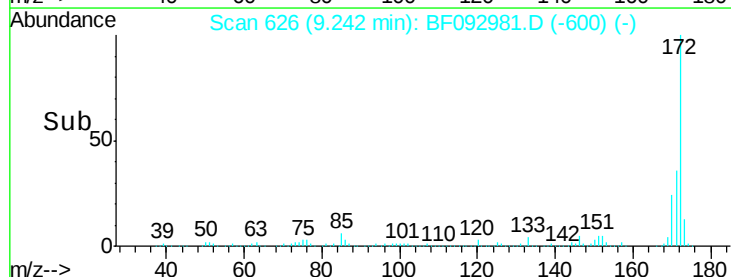
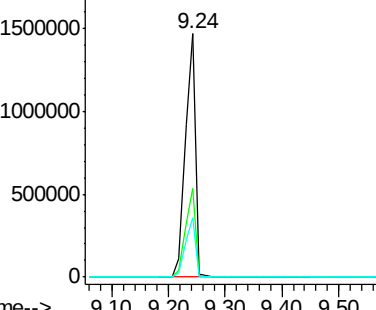


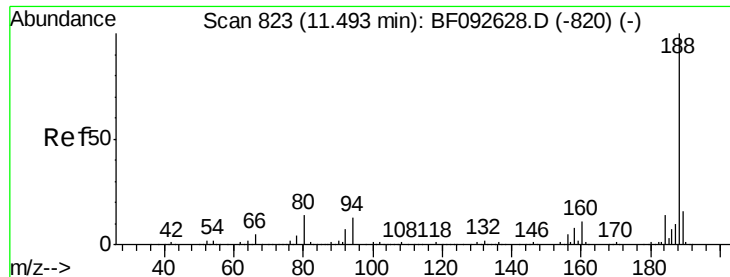
#44
 2-Fluorobiphenyl
 Concen: 104.77 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF092981.D
 Acq: 16 Feb 2017 7:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.3	20.2	30.4



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

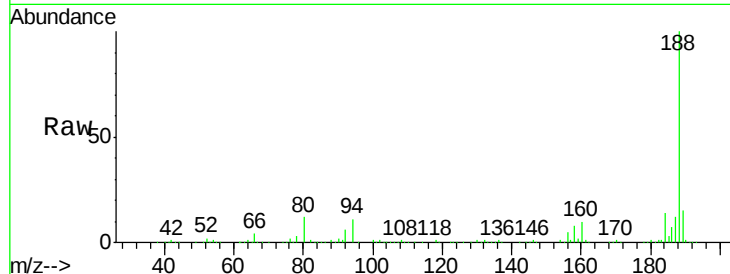




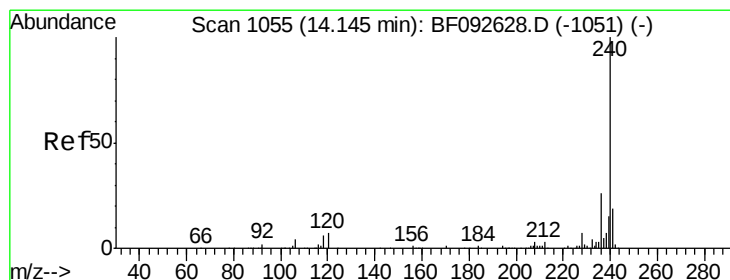
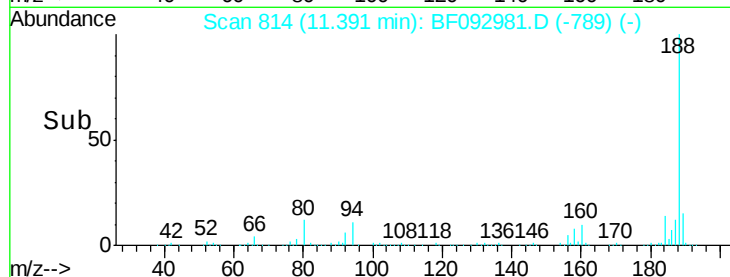
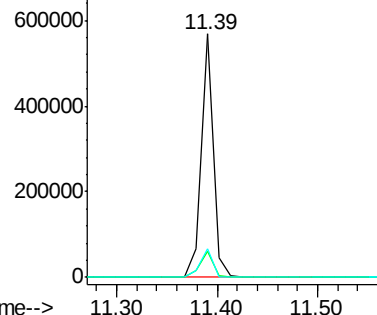
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092981.D
Acq: 16 Feb 2017 7:22

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:188 Resp: 473815
Ion Ratio Lower Upper
188 100
94 10.9 10.0 15.0
80 11.5 11.2 16.8

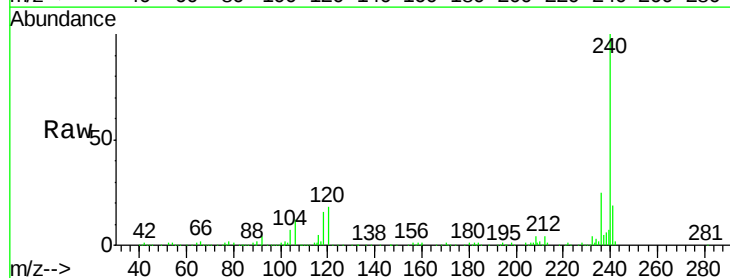


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

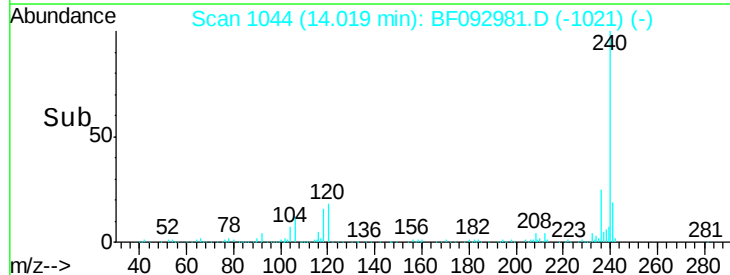
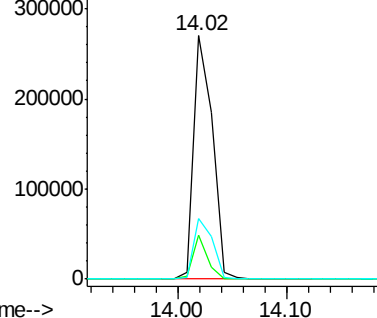


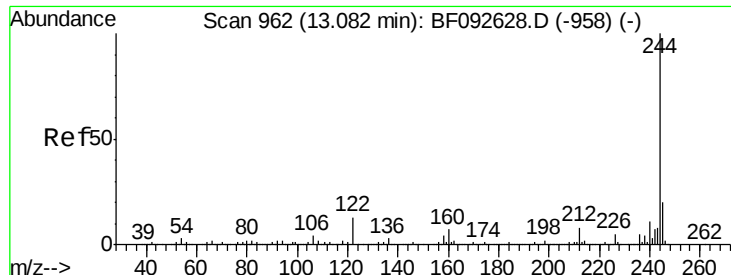
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF092981.D
Acq: 16 Feb 2017 7:22

Tgt Ion:240 Resp: 325867
Ion Ratio Lower Upper
240 100
120 17.9 12.9 19.3
236 25.1 20.9 31.3



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

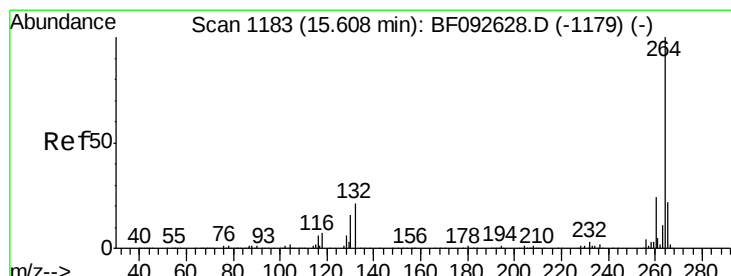
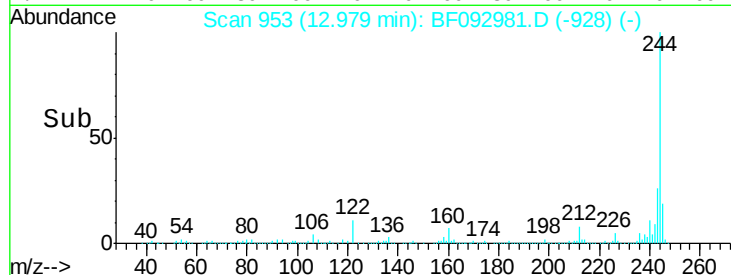
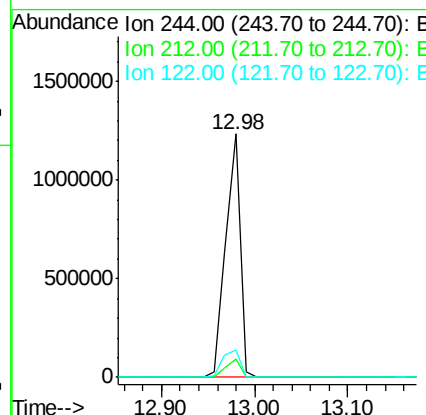
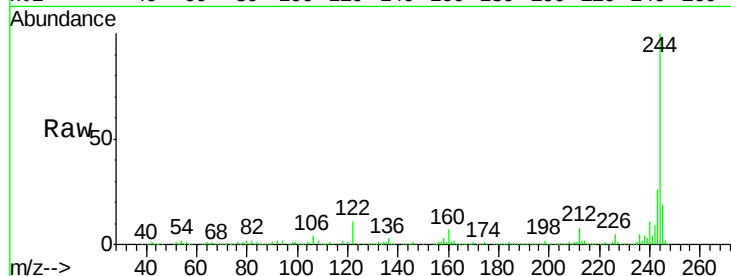




#78
 Terphenyl-d14
 Concen: 95.76 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BF092981.D
 Acq: 16 Feb 2017 7:22

Instrument :
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Tgt Ion:244 Resp: 1328043
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 11.2 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BF092981.D
 Acq: 16 Feb 2017 7:22

Tgt Ion:264 Resp: 283106
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 20.9 17.4 26.0

