

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\
 Data File : BF084281.D
 Acq On : 6 Jan 2016 11:15
 Operator : SJ/UM
 Sample : PB87639BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87639BL

Quant Time: Jan 07 00:38:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	250527	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1067597	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	515711	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	997368	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	809099	20.00	ng	-0.05
86) Perylene-d12	15.45	264	641611	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1729582	111.67	ng	-0.01
7) Phenol-d6	6.51	99	2016609	103.67	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1561713	81.41	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	523411	100.53	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	2324899	78.85	ng	-0.03
78) Terphenyl-d14	12.98	244	2434842	67.17	ng	-0.03

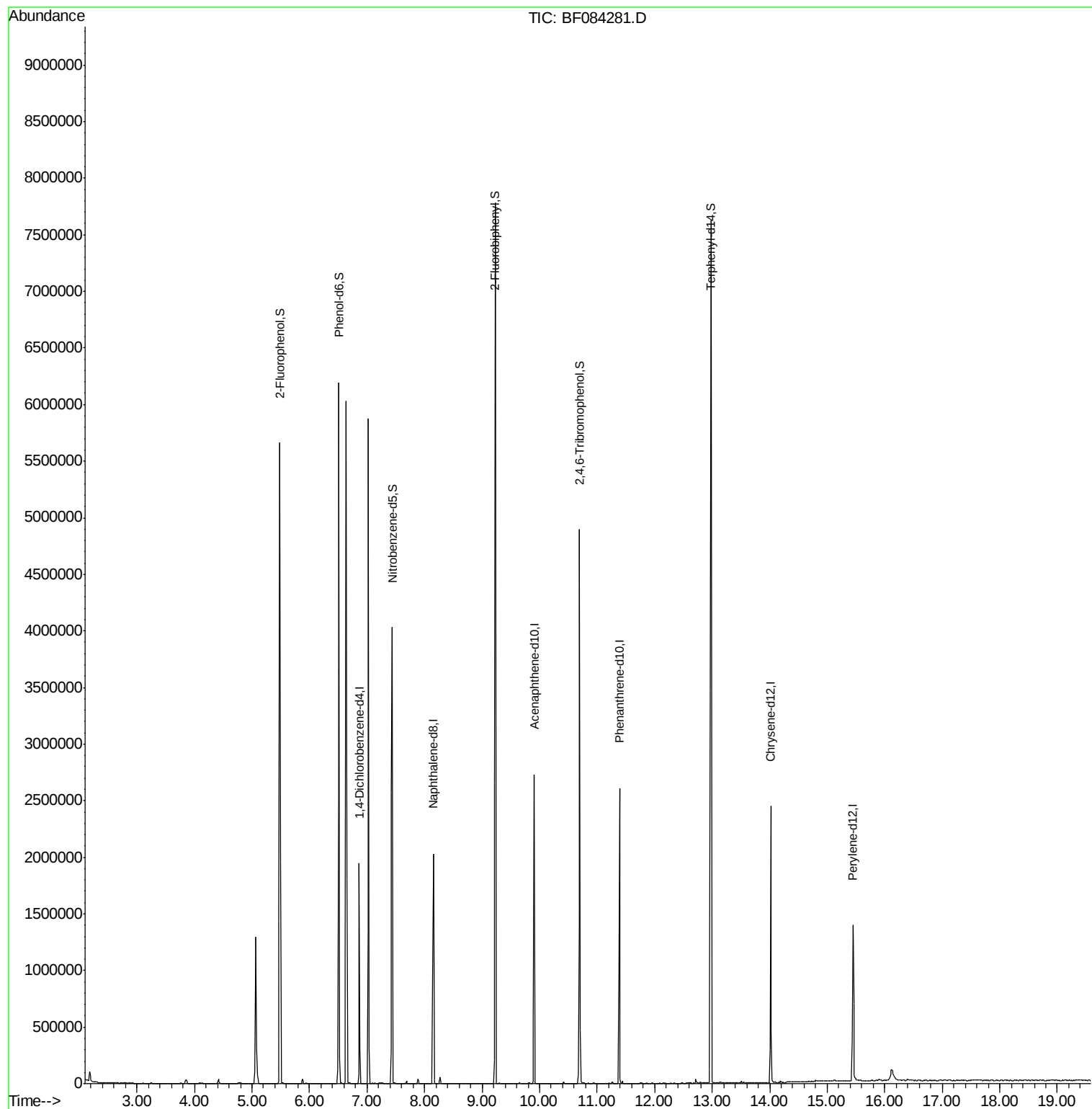
Target Compounds Qvalue

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF084281.D

Acq: 6 Jan 2016 11:15

Instrument :

BNA_F

ClientSampleId :

PB87639BL

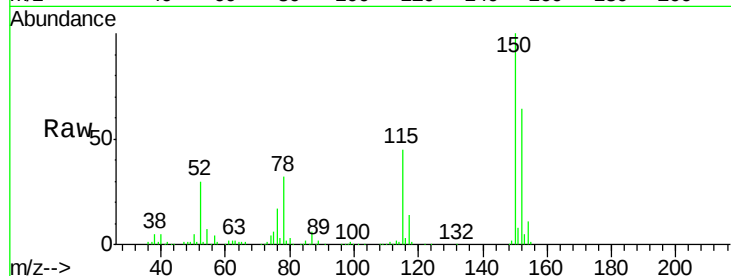
Tot Ion:152 Resp: 250527

Ion Ratio Lower Upper

152 100

150 156.9 123.0 184.4

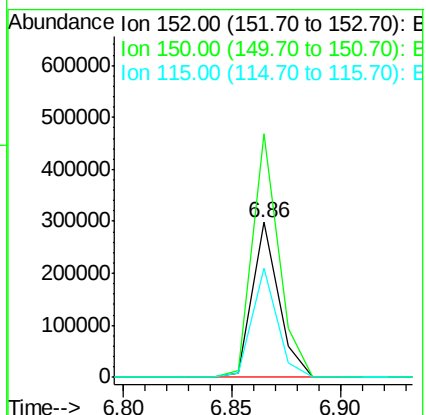
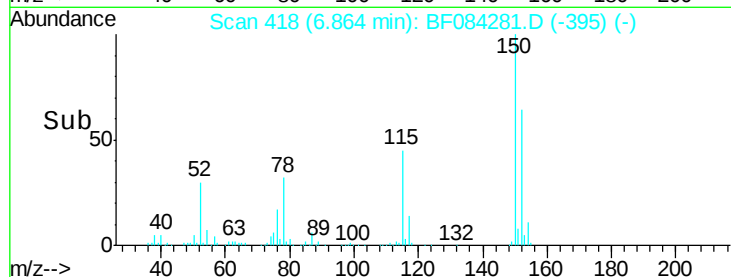
115 70.5 51.4 77.2



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: 111.67 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084281.D

Acq: 6 Jan 2016 11:15

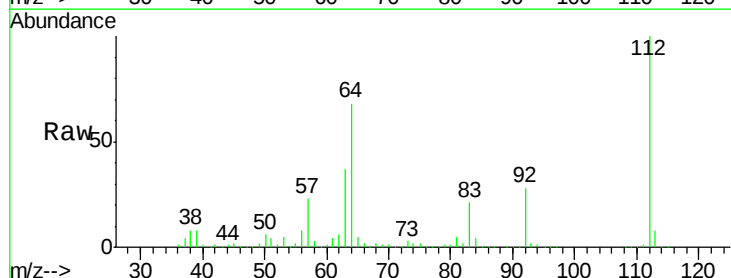
Tgt Ion:112 Resp: 1729582

Ion Ratio Lower Upper

112 100

64 67.7 36.6 55.0#

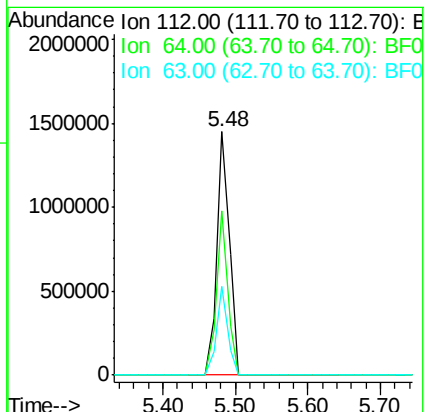
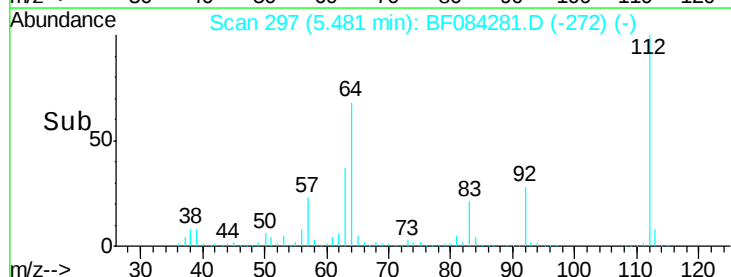
63 36.7 19.4 29.0#

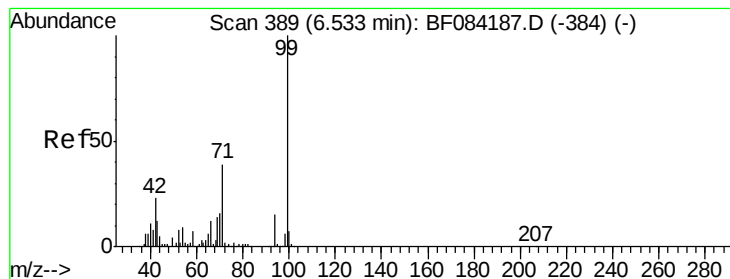


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.67 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084281.D

Acq: 6 Jan 2016 11:15

Instrument :

BNA_F

ClientSampleId :

PB87639BL

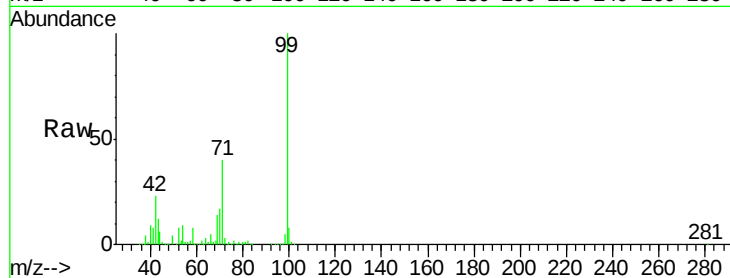
Tot Ion: 99 Resp: 2016609

Ion Ratio Lower Upper

99 100

42 23.0 12.8 19.2#

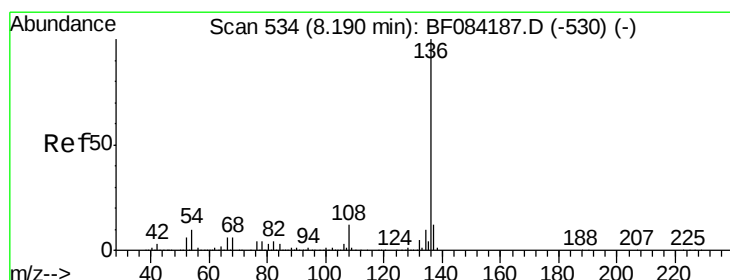
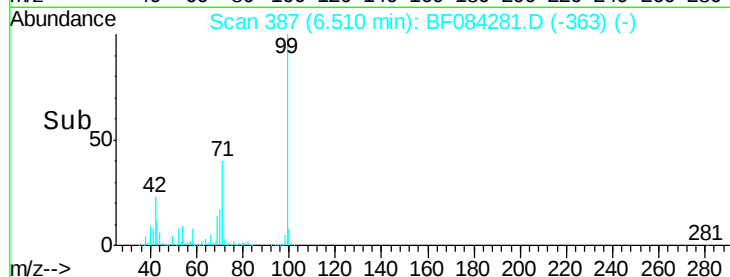
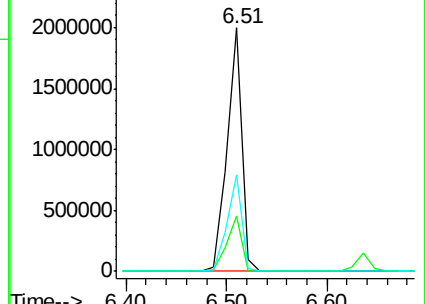
71 39.8 30.9 46.3



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. -0.03 min

Lab File: BF084281.D

Acq: 6 Jan 2016 11:15

Tgt Ion:136 Resp: 1067597

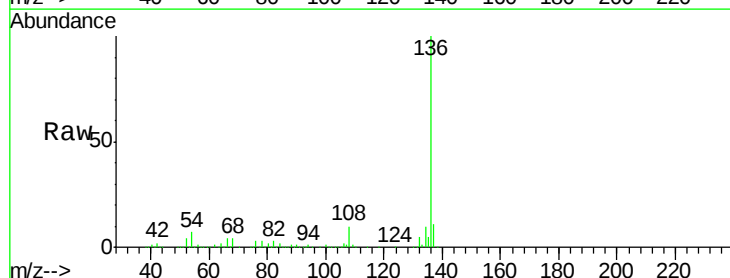
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.2 5.8 8.8

68 4.3 4.2 6.2

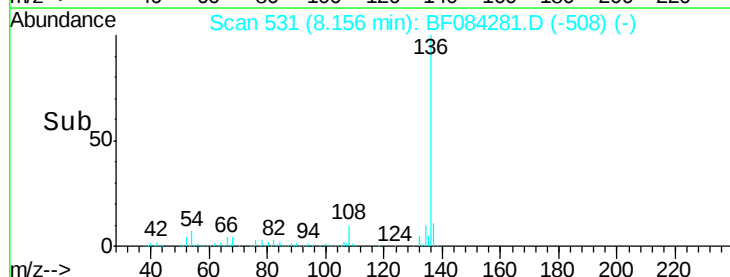
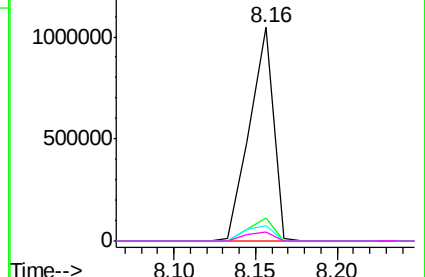


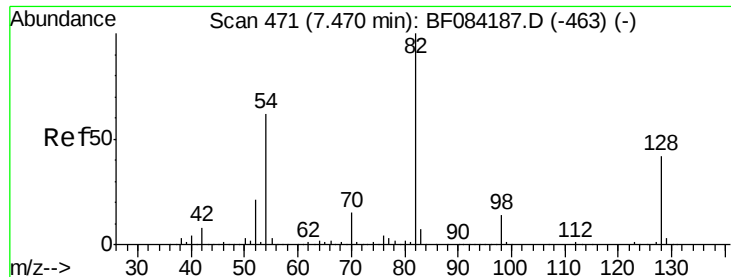
Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.41 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF084281.D

Acq: 6 Jan 2016 11:15

Instrument :

BNA_F

ClientSampleId :

PB87639BL

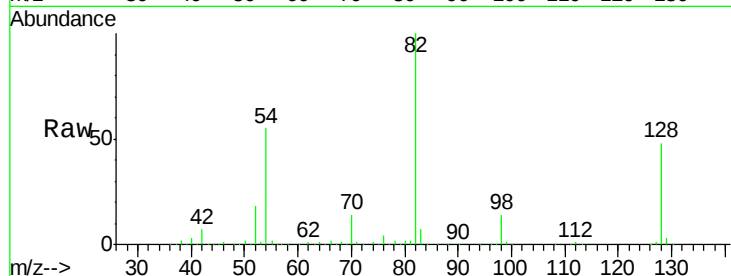
Tot Ion: 82 Resp: 1561713

Ion Ratio Lower Upper

82 100

128 47.9 34.6 51.8

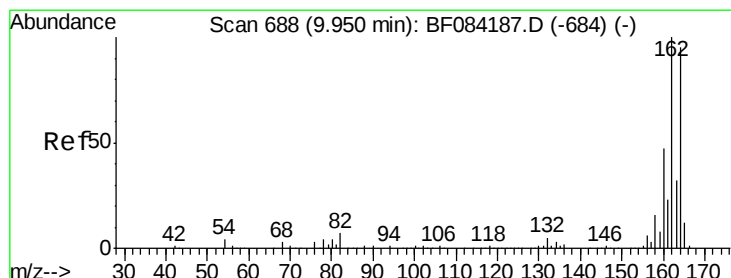
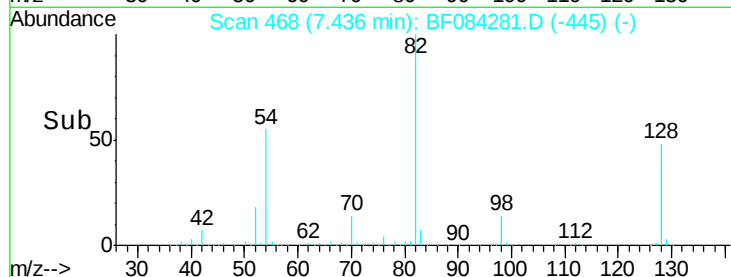
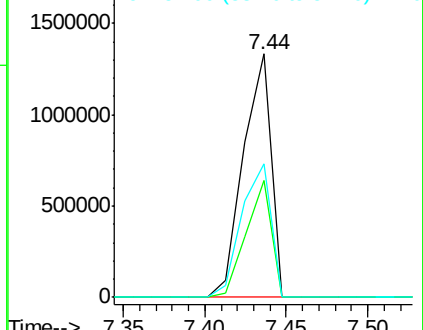
54 54.9 38.4 57.6



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. -0.05 min

Lab File: BF084281.D

Acq: 6 Jan 2016 11:15

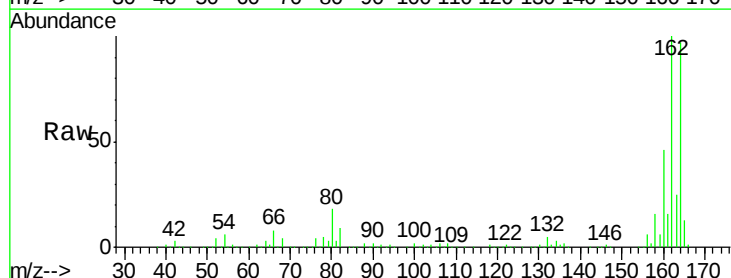
Tgt Ion:164 Resp: 515711

Ion Ratio Lower Upper

164 100

162 103.2 85.1 127.7

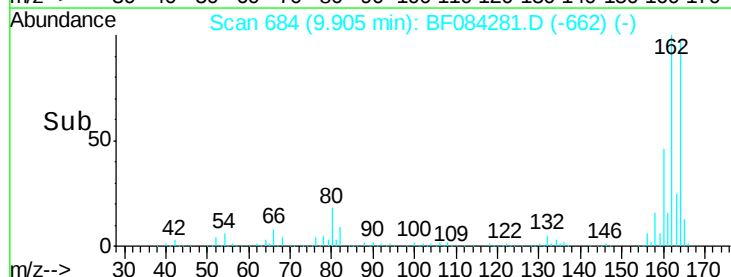
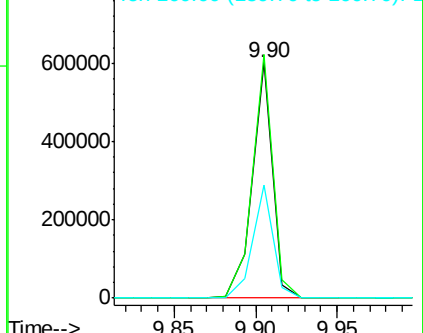
160 47.9 37.5 56.3



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

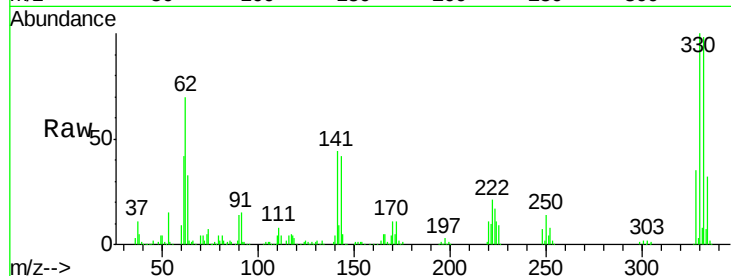




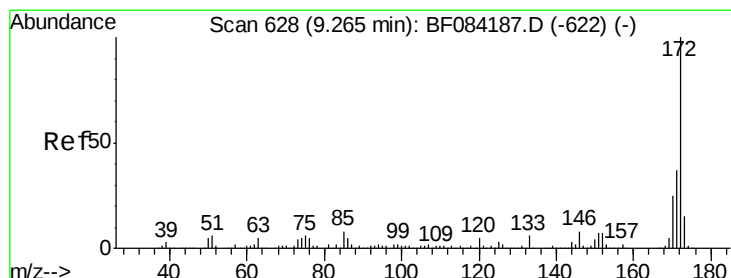
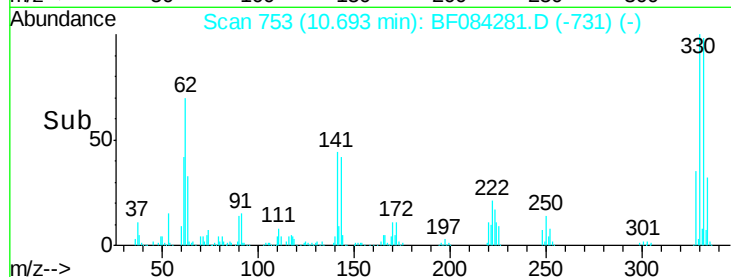
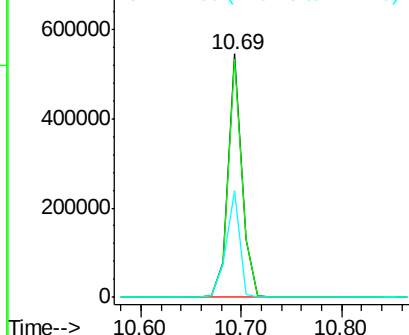
#41
 2,4,6-Tribromophenol
 Concen: 100.53 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084281.D
 Acq: 6 Jan 2016 11:15

Instrument :
 BNA_F
 ClientSampleId :
 PB87639BL

Tot Ion:330 Resp: 523411
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 114.8
 141 42.6 27.8 41.6#

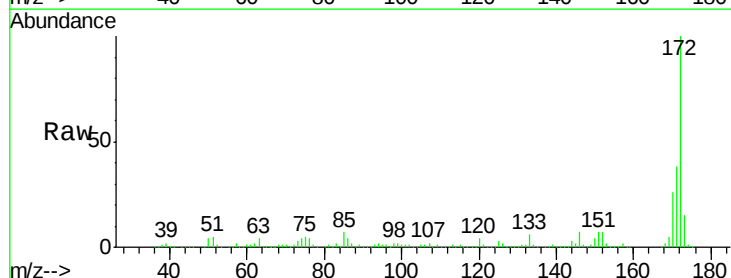


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

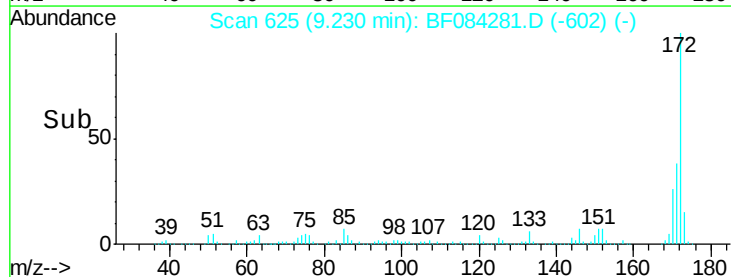
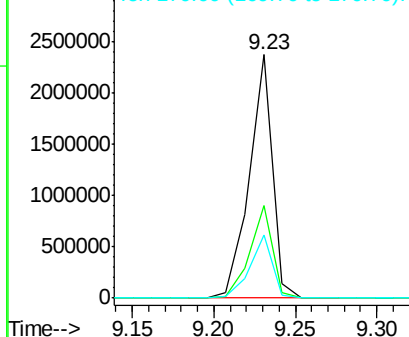


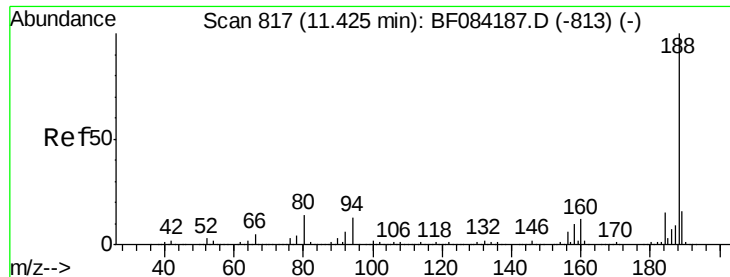
#44
 2-Fluorobiphenyl
 Concen: 78.85 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084281.D
 Acq: 6 Jan 2016 11:15

Tgt Ion:172 Resp: 2324899
 Ion Ratio Lower Upper
 172 100
 171 38.1 28.9 43.3
 170 26.2 18.6 27.8



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

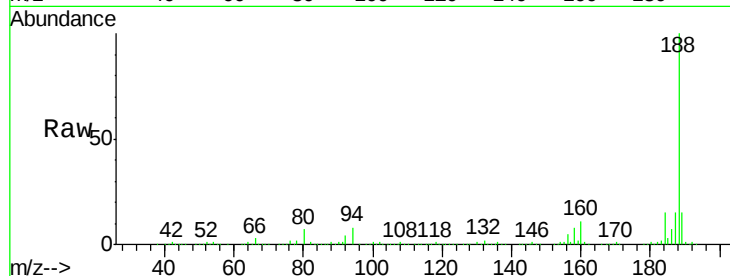




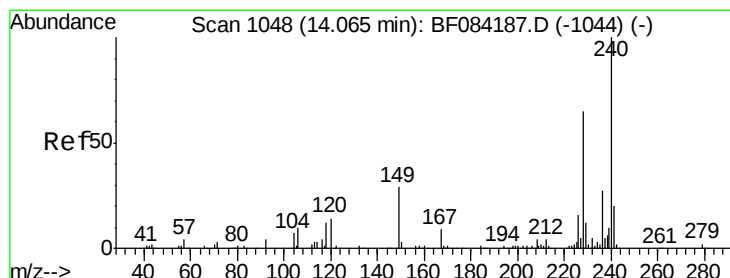
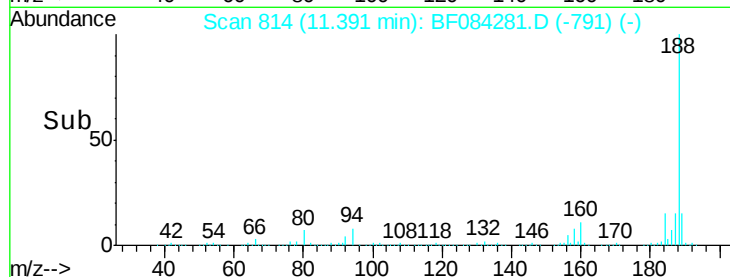
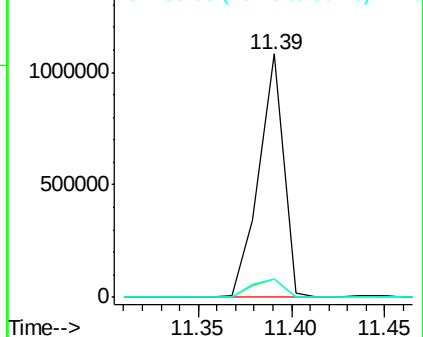
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF084281.D
Acq: 6 Jan 2016 11:15

Instrument :
BNA_F
ClientSampleId :
PB87639BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	9.0	13.4#
80	7.3	9.6	14.4#

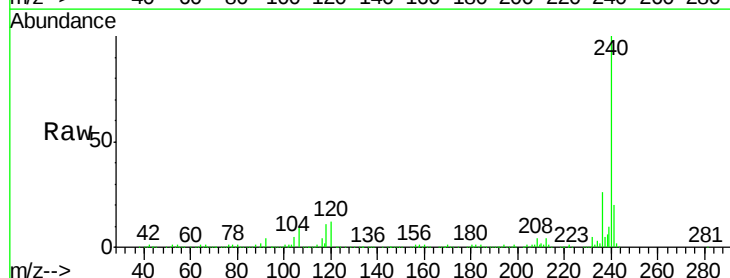


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

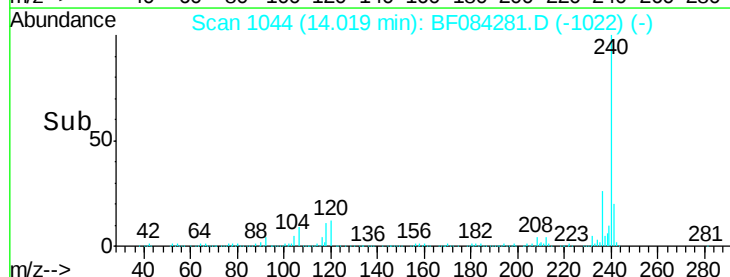
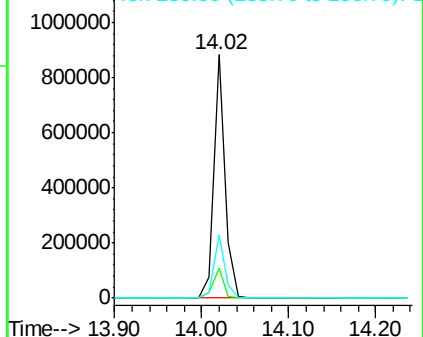


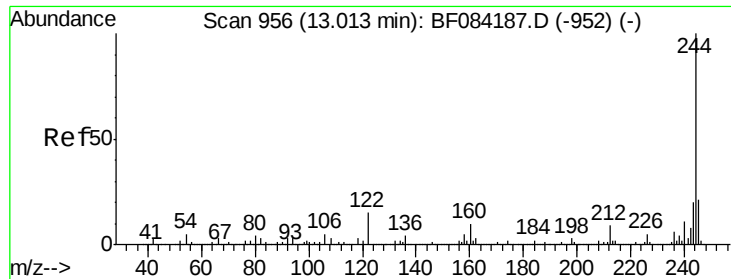
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084281.D
Acq: 6 Jan 2016 11:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	26.1	20.6	31.0



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

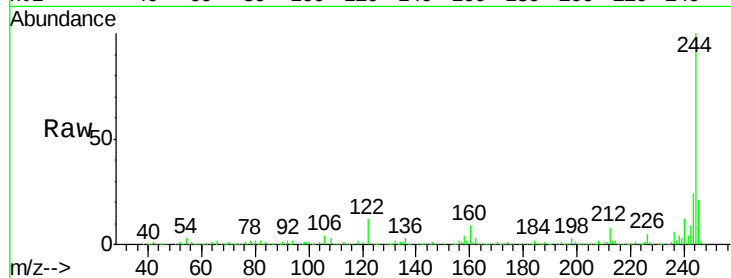




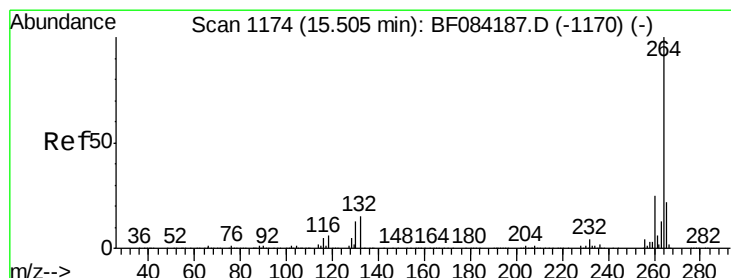
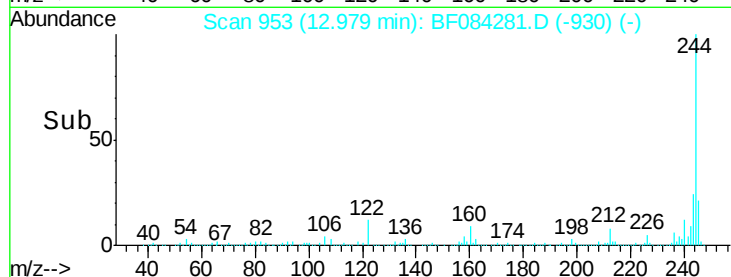
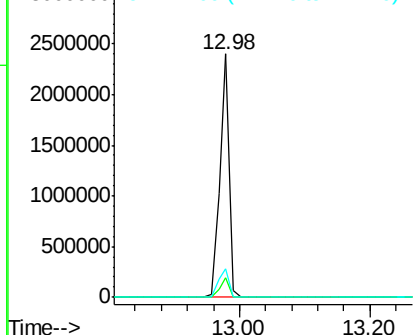
#78
 Terphenyl-d14
 Concen: 67.17 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.03 min
 Lab File: BF084281.D
 Acq: 6 Jan 2016 11:15

Instrument :
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 PB87639BL

Tot Ion:244 Resp: 2434842
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.7 8.5
 122 11.9 7.4 11.0#

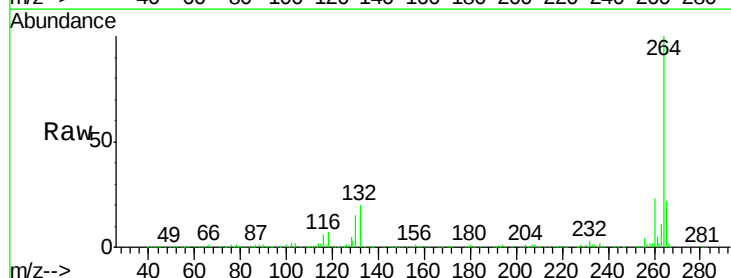


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF084281.D
 Acq: 6 Jan 2016 11:15

Tgt Ion:264 Resp: 641611
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 22.0 17.8 26.6



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

