

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\
 Data File : BF080850.D
 Acq On : 4 Aug 2015 21:21
 Operator : TP/UM
 Sample : PB84692BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84692BL

Quant Time: Aug 05 02:41:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 05 01:46:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	65854	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	251726	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	115268	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	211557	20.00	ng	0.00
75) Chrysene-d12	13.96	240	134899	20.00	ng	0.00
86) Perylene-d12	15.37	264	104255	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	470402	108.11	ng	0.01
7) Phenol-d6	6.45	99	551862	97.02	ng	0.00
23) Nitrobenzene-d5	7.38	82	363800	68.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	110499	99.41	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	634922	74.17	ng	0.00
78) Terphenyl-d14	12.92	244	480535	64.47	ng	0.00

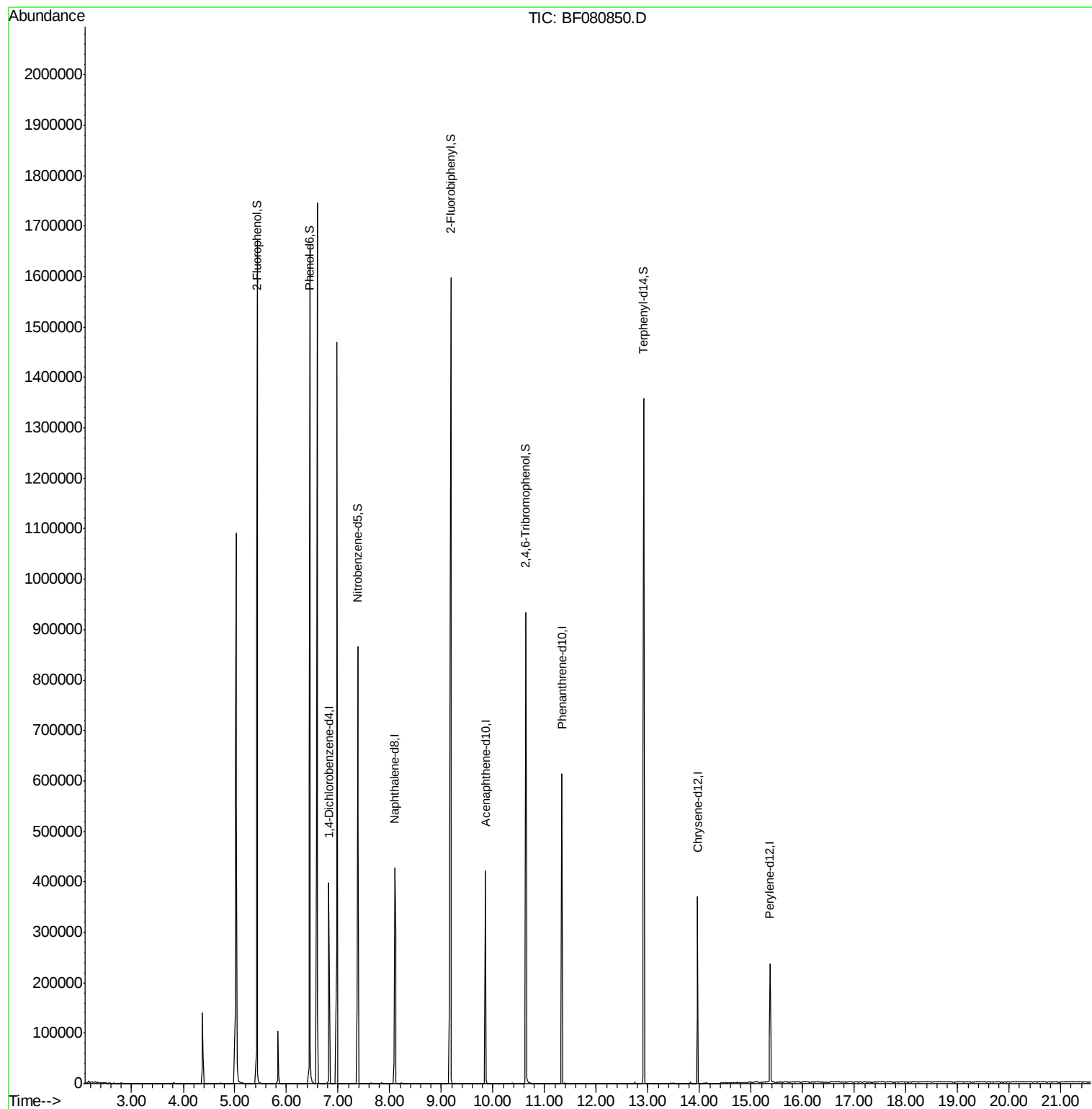
Target Compounds	Qvalue
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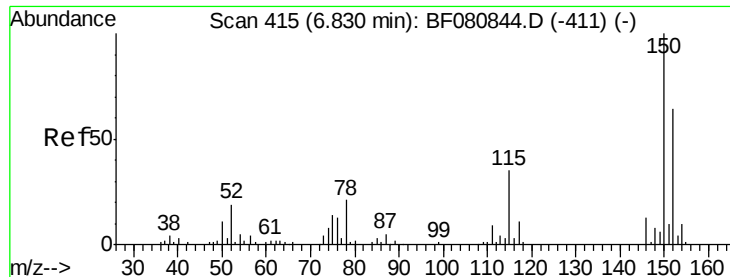
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF080850.D

Acq: 4 Aug 2015 21:21

Instrument :

BNA_F

ClientSampleId :

PB84692BL

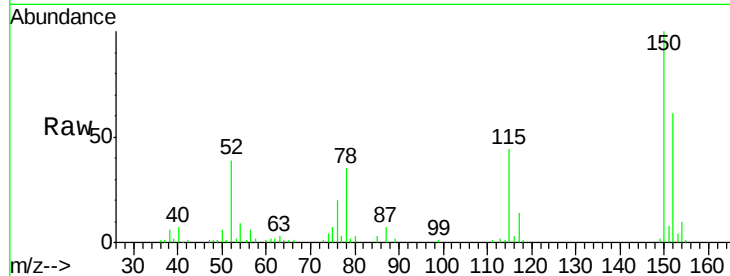
Tgt Ion:152 Resp: 65854

Ion Ratio Lower Upper

152 100

150 163.0 124.6 187.0

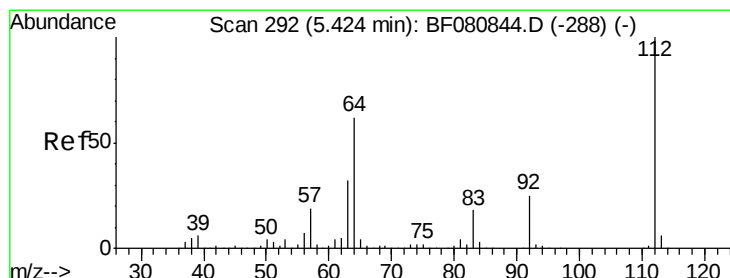
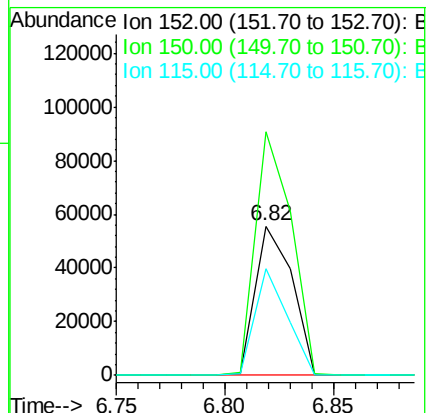
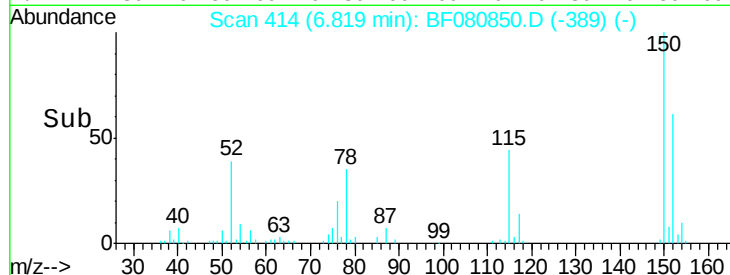
115 71.2 44.2 66.4#



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: 108.11 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF080850.D

Acq: 4 Aug 2015 21:21

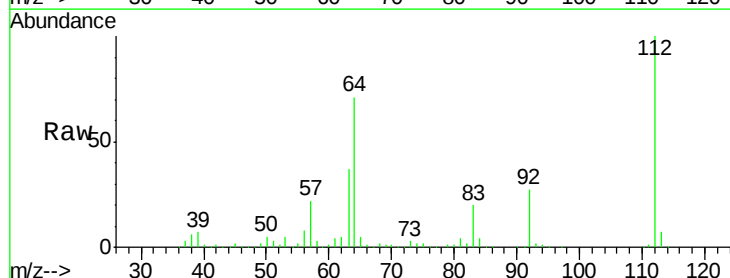
Tgt Ion:112 Resp: 470402

Ion Ratio Lower Upper

112 100

64 70.5 49.5 74.3

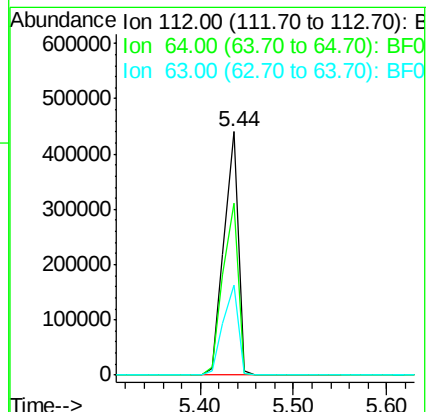
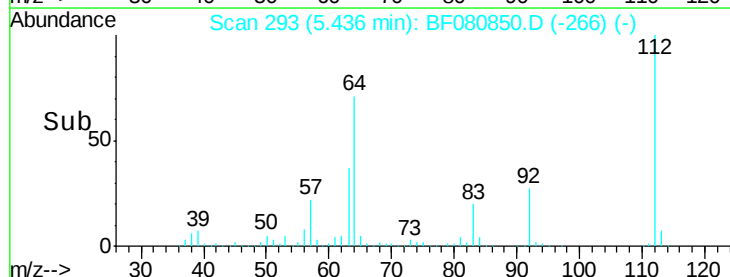
63 36.8 25.3 37.9

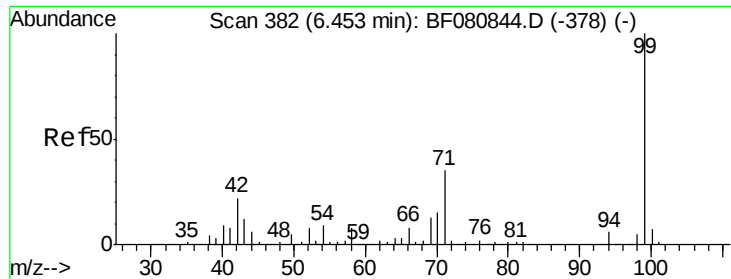


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 97.02 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF080850.D

Acq: 4 Aug 2015 21:21

Instrument :

BNA_F

ClientSampleId :

PB84692BL

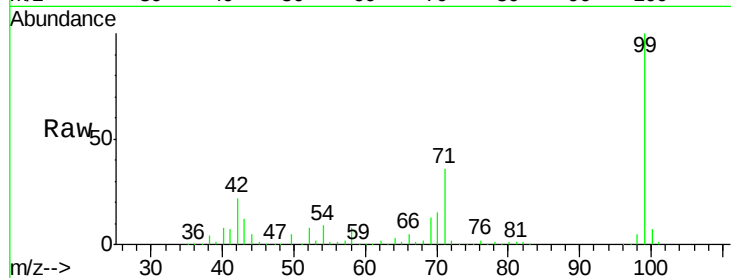
Tgt Ion: 99 Resp: 551862

Ion Ratio Lower Upper

99 100

42 22.2 17.9 26.9

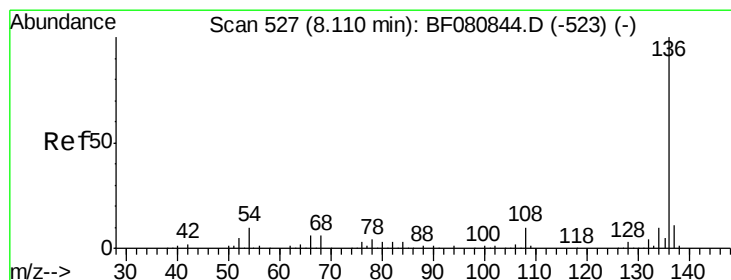
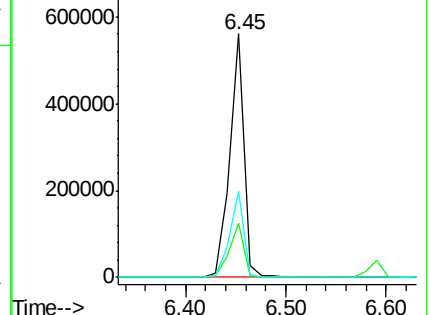
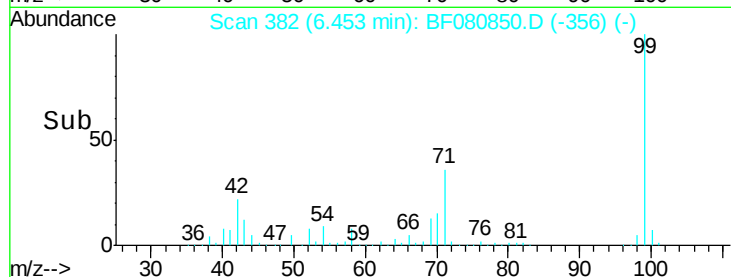
71 35.5 28.2 42.4



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: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF080850.D

Acq: 4 Aug 2015 21:21

Tgt Ion: 136 Resp: 251726

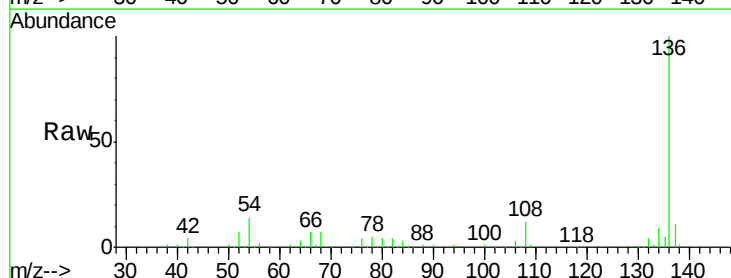
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 13.8 8.3 12.5#

68 7.4 4.8 7.2#

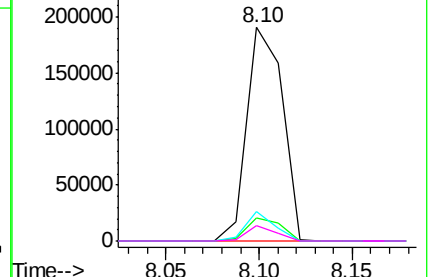
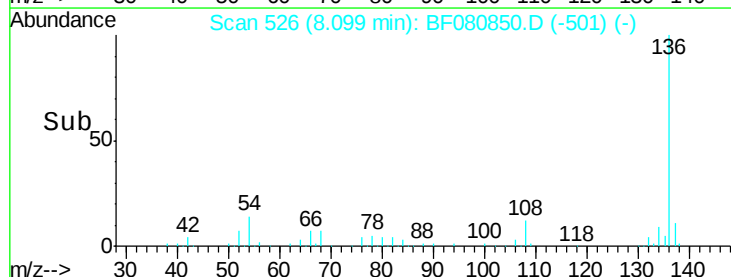


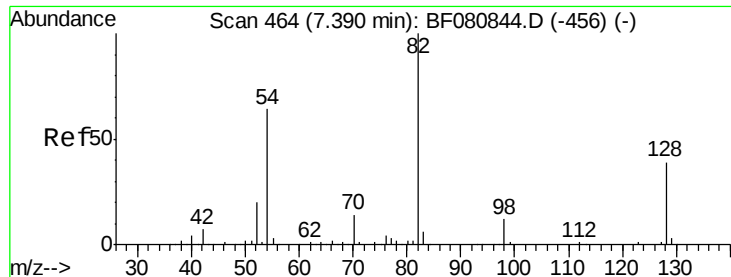
Abundance Ion 136.00 (135.70 to 136.70): E

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

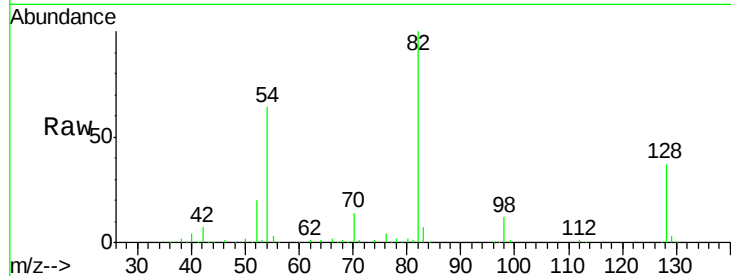




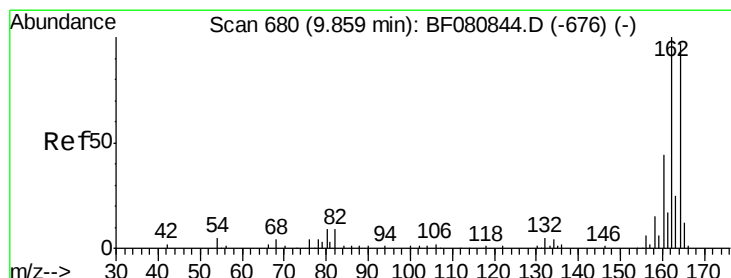
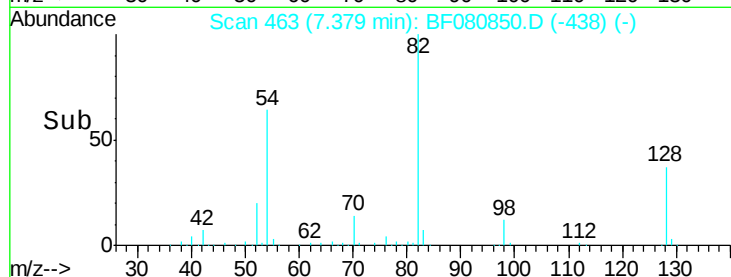
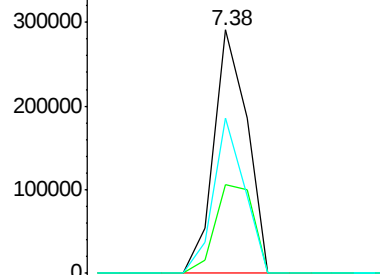
#23
 Nitrobenzene-d5
 Concen: 68.11 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.01 min
 Lab File: BF080850.D
 Acq: 4 Aug 2015 21:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84692BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.5	31.0	46.4
54	63.8	51.0	76.6

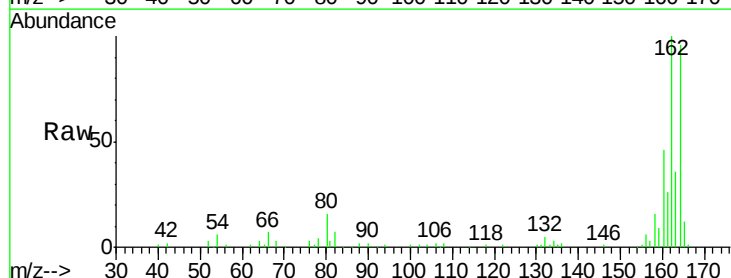


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

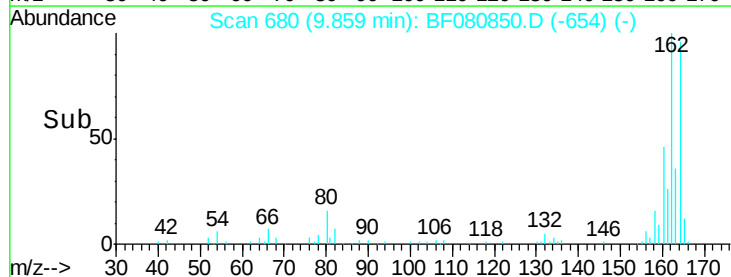
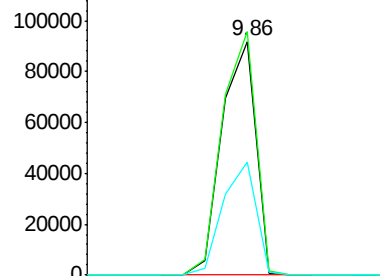


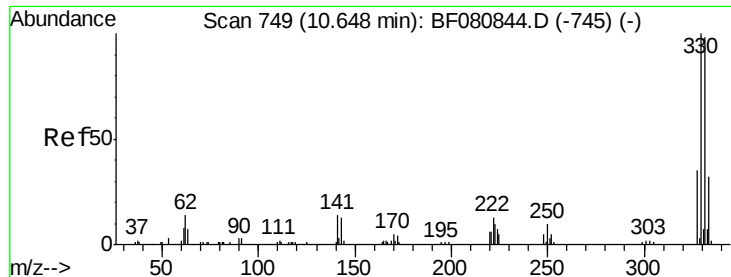
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF080850.D
 Acq: 4 Aug 2015 21:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.9	124.3
160	48.2	36.6	54.8



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

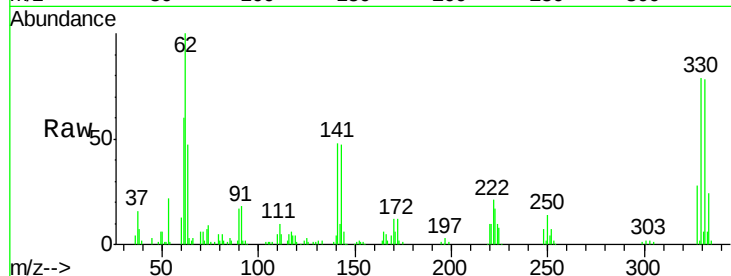




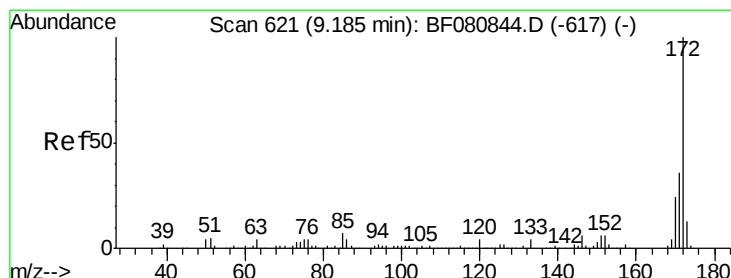
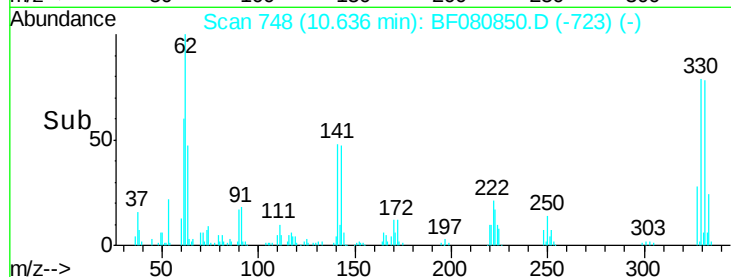
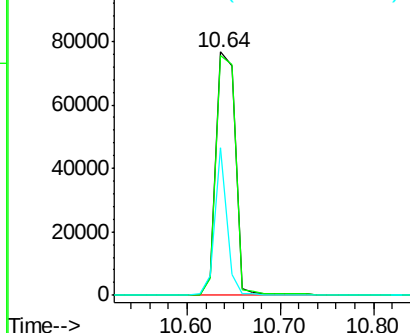
#41
 2,4,6-Tribromophenol
 Concen: 99.41 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF080850.D
 Acq: 4 Aug 2015 21:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84692BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.8	116.8
141	37.8	28.4	42.6

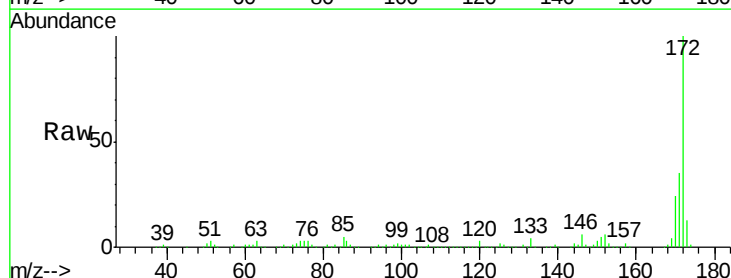


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

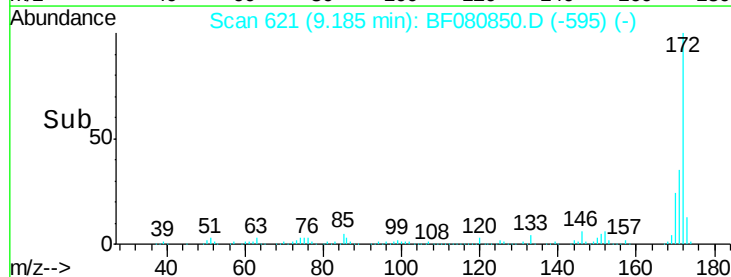
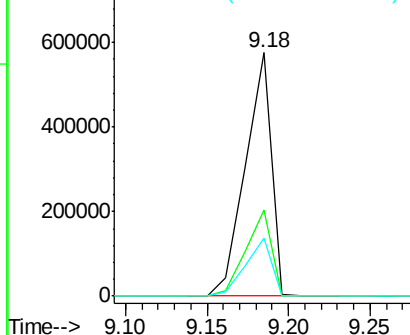


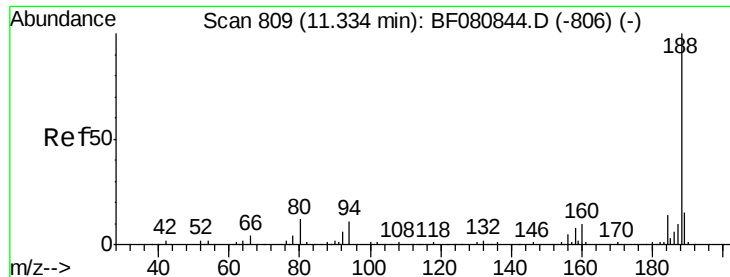
#44
 2-Fluorobiphenyl
 Concen: 74.17 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF080850.D
 Acq: 4 Aug 2015 21:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	23.9	19.4	29.2



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

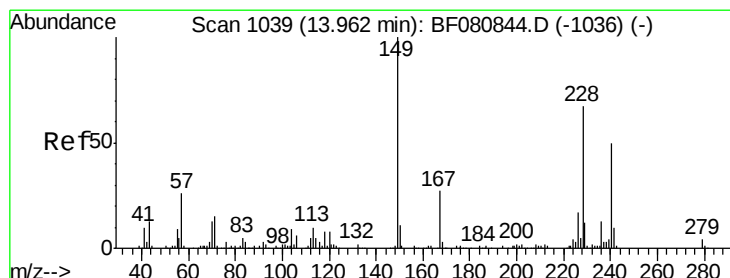
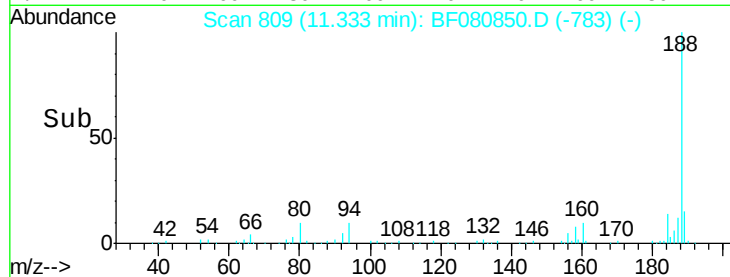
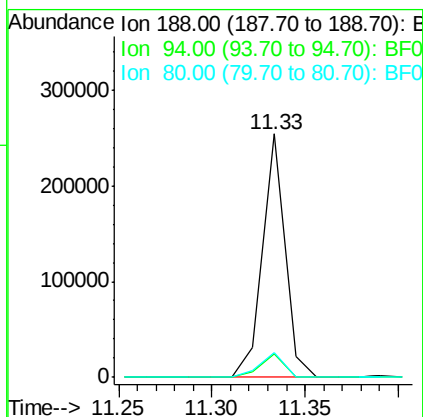
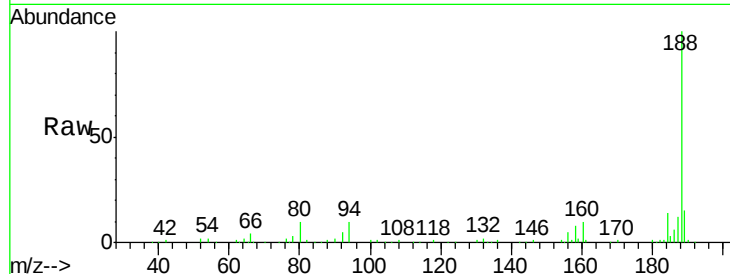




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

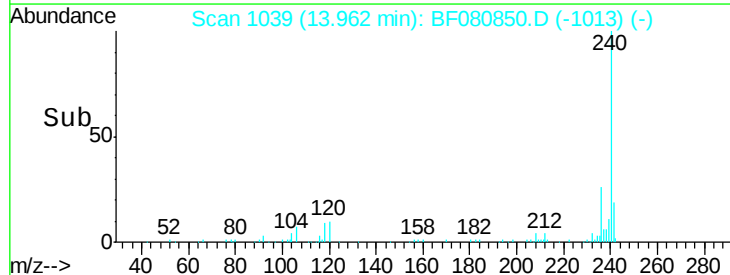
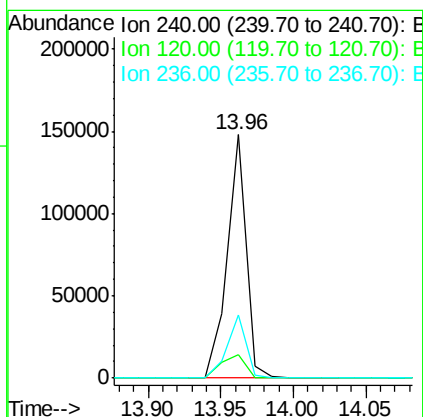
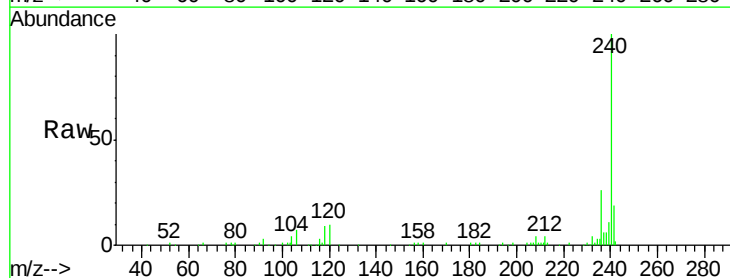
Instrument :
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PB84692BL

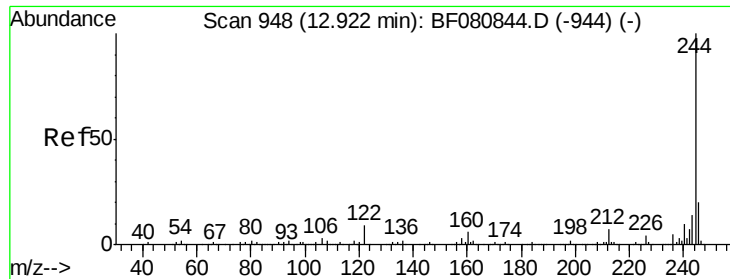
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	211557		
94	9.8		8.6	12.8
80	10.4		9.3	13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	134899		
120	9.9		13.0	19.6#
236	25.7		20.7	31.1

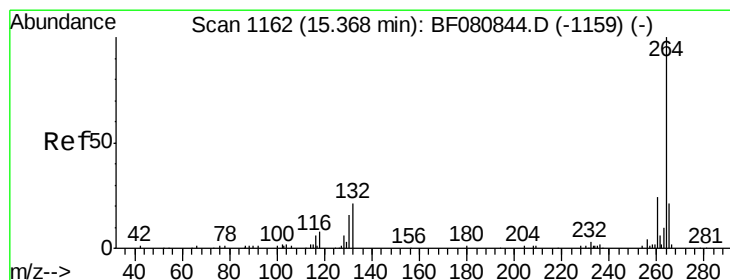
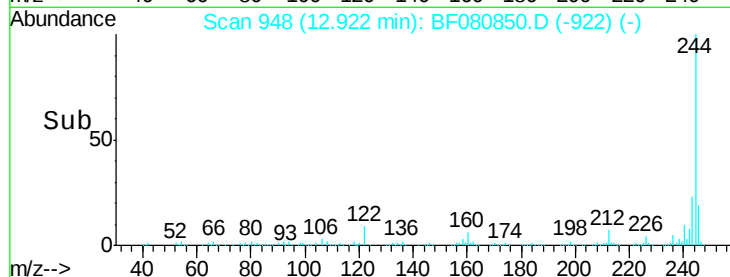
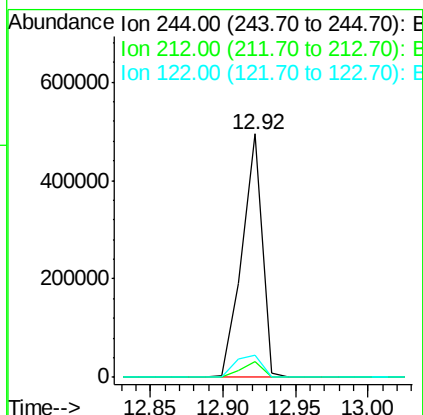
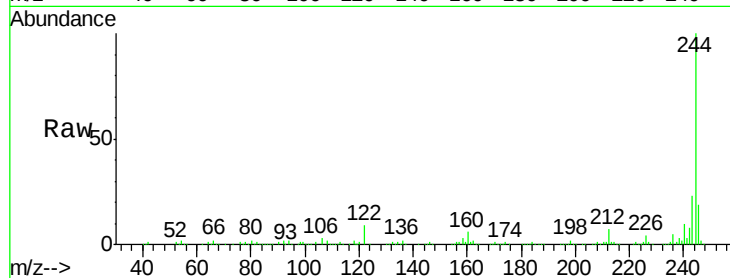




#78
 Terphenyl-d14
 Concen: 64.47 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF080850.D
 Acq: 4 Aug 2015 21:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84692BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.5	8.3
122	9.1	7.1	10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF080850.D
 Acq: 4 Aug 2015 21:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.9	28.3
265	21.1	16.8	25.2

