

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
 Data File : BF078847.D
 Acq On : 30 Apr 2015 9:57
 Operator : TP/IZ
 Sample : G2034-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-1A

Quant Time: Apr 30 14:37:45 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 29 11:41:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	81591	20.00	ng	-0.01
21) Naphthalene-d8	8.96	136	345631	20.00	ng	-0.01
38) Acenaphthene-d10	11.14	164	162212	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	309153	20.00	ng	-0.01
75) Chrysene-d12	16.30	240	323772	20.00	ng	-0.01
86) Perylene-d12	18.11	264	350522	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	263570	59.33	ng	0.00
7) Phenol-d6	6.92	99	219469	36.99	ng	-0.01
23) Nitrobenzene-d5	8.07	82	454823	94.74	ng	-0.01
41) 2,4,6-Tribromophenol	12.13	330	232261	143.45	ng	0.00
44) 2-Fluorobiphenyl	10.31	172	980619	82.79	ng	-0.01
78) Terphenyl-d14	14.98	244	1117275	82.18	ng	-0.01

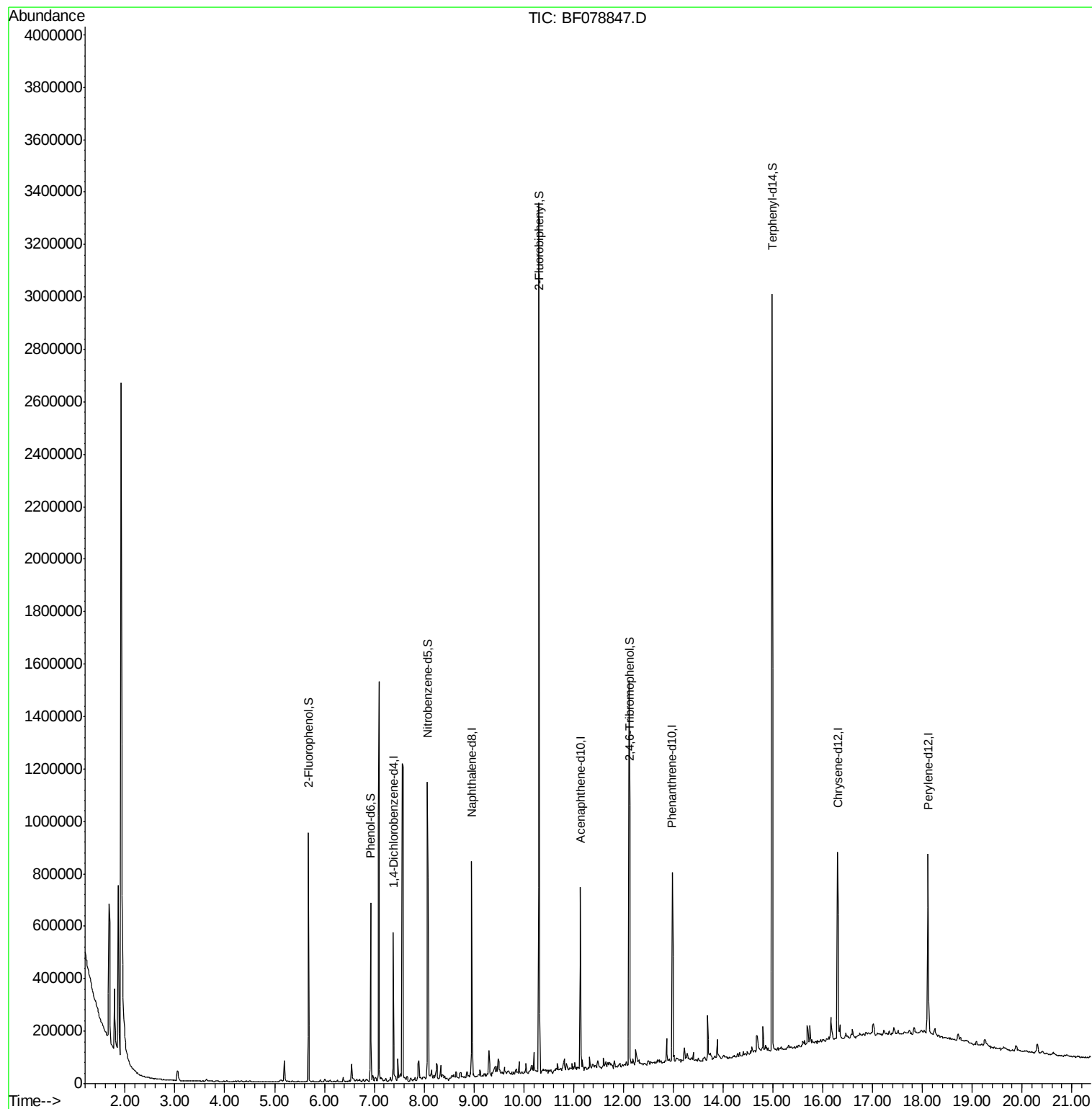
Target Compounds	Qvalue
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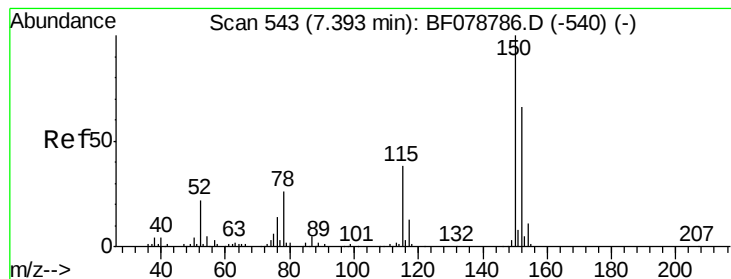
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 542

Delta R.T. -0.01 min

Lab File: BF078847.D

Acq: 30 Apr 2015 9:57

Instrument :

BNA_F

ClientSampleId :

W-1A

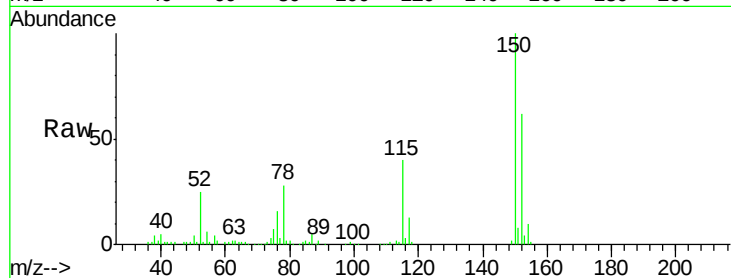
Tot Ion:152 Resp: 81591

Ion Ratio Lower Upper

152 100

150 162.0 122.0 183.0

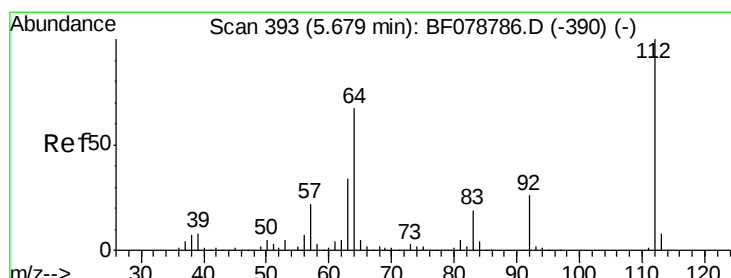
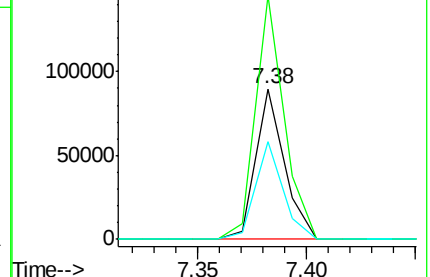
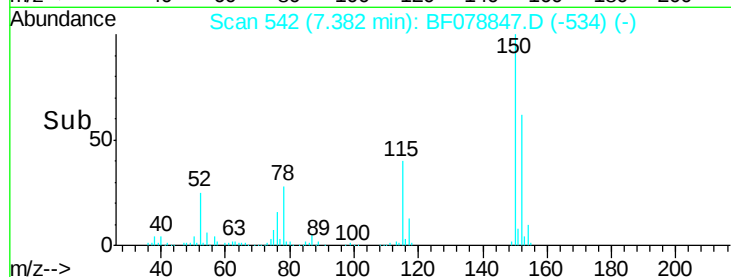
115 64.9 46.3 69.5



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: 59.33 ng

RT: 5.68 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF078847.D

Acq: 30 Apr 2015 9:57

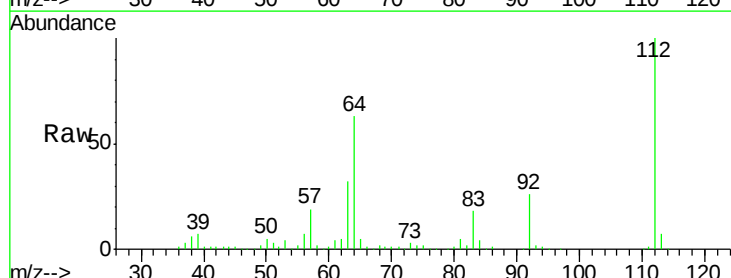
Tgt Ion:112 Resp: 263570

Ion Ratio Lower Upper

112 100

64 62.6 53.5 80.3

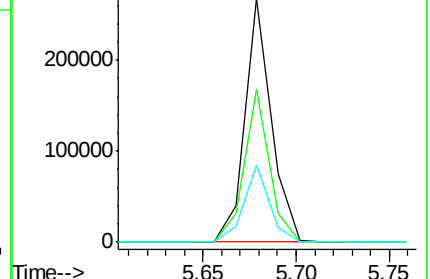
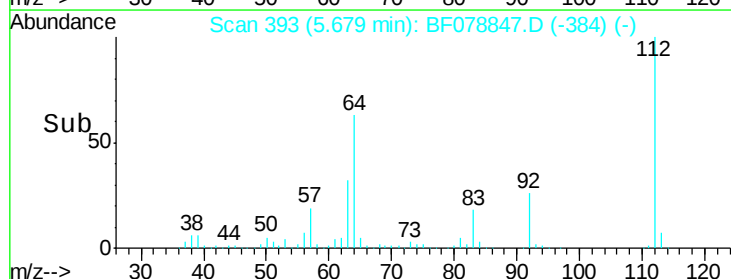
63 31.9 27.5 41.3

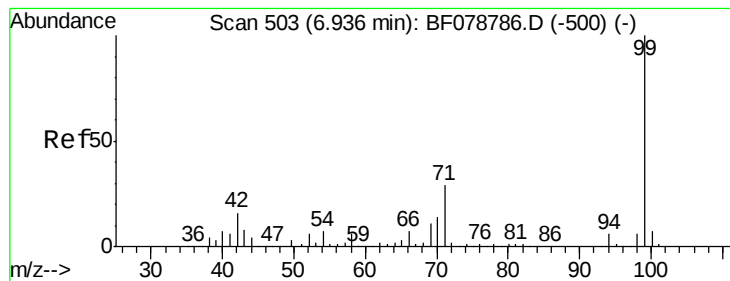


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.99 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF078847.D

Acq: 30 Apr 2015 9:57

Instrument :

BNA_F

ClientSampleId :

W-1A

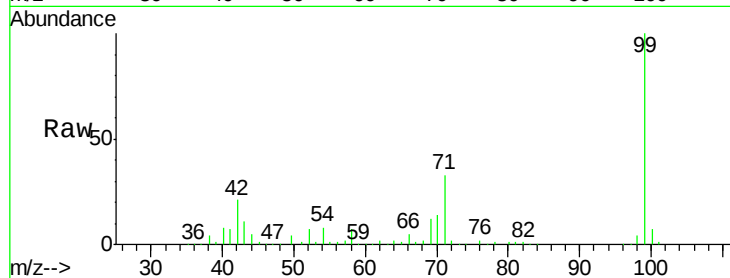
Tot Ion: 99 Resp: 219469

Ion Ratio Lower Upper

99 100

42 20.6 12.8 19.2#

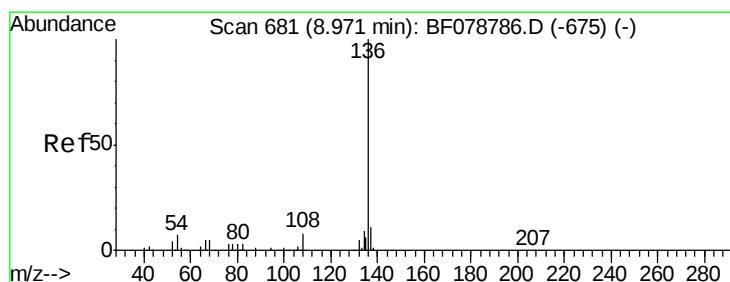
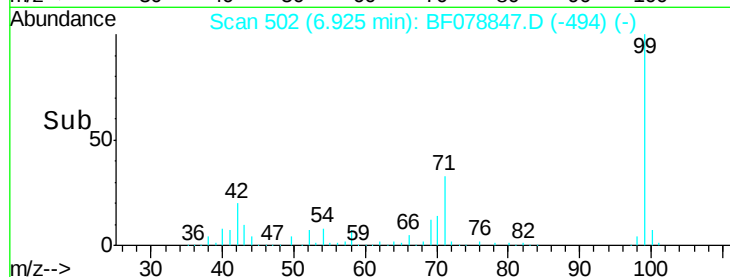
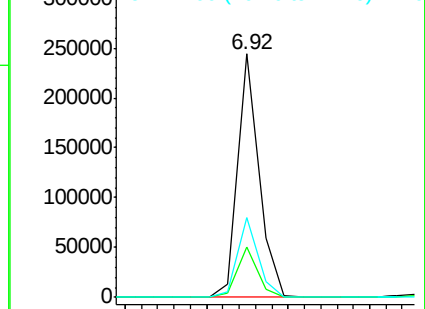
71 33.0 23.4 35.2



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: 8.96 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF078847.D

Acq: 30 Apr 2015 9:57

Tgt Ion: 136 Resp: 345631

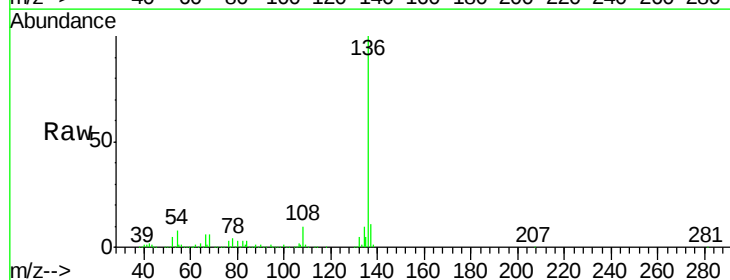
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 8.5 5.8 8.8

68 5.9 4.2 6.4

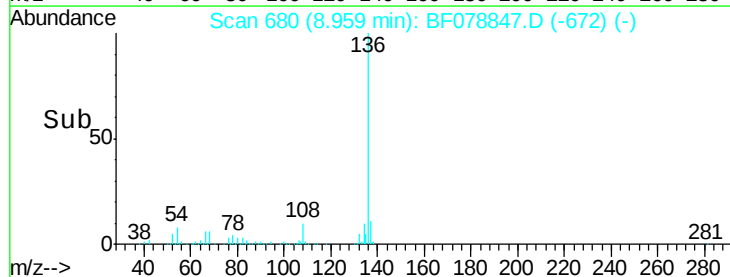
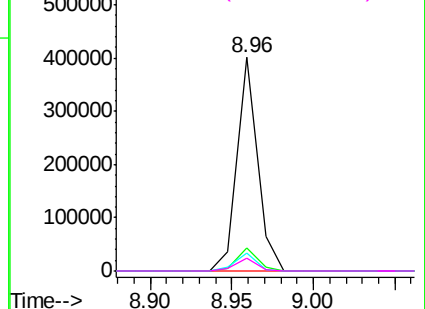


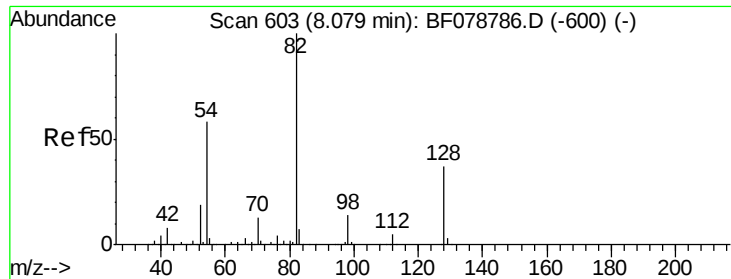
Abundance Ion 136.00 (135.70 to 136.70): E

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

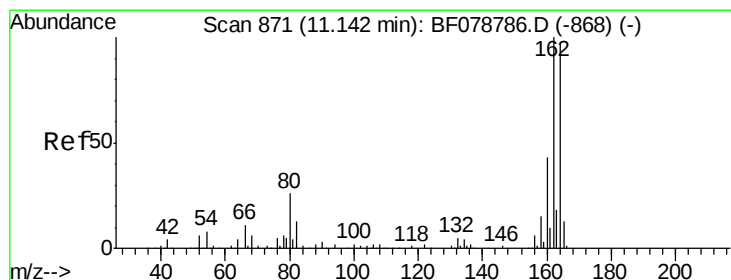
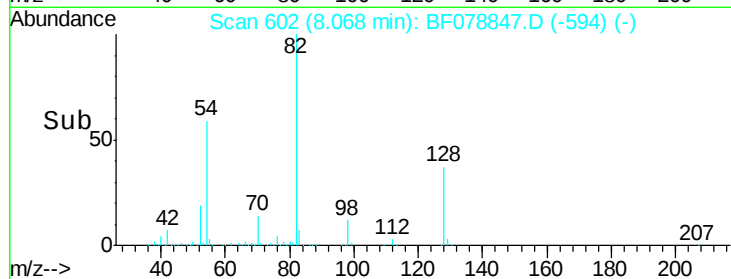
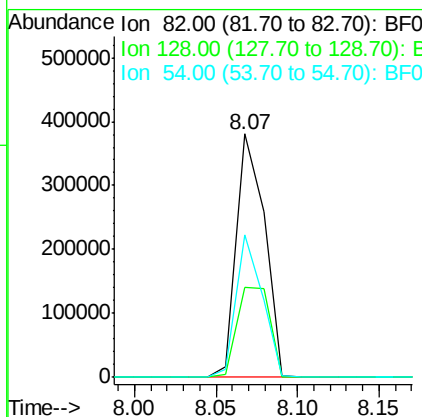
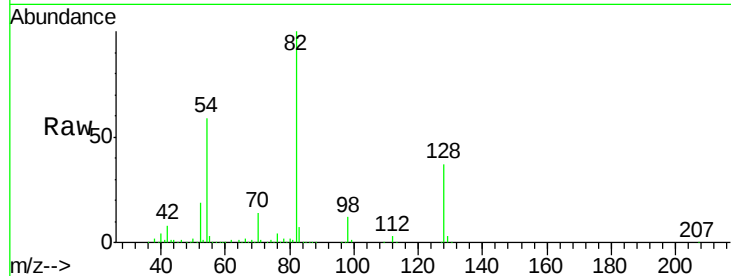




#23
 Nitrobenzene-d5
 Concen: 94.74 ng
 RT: 8.07 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF078847.D
 Acq: 30 Apr 2015 9:57

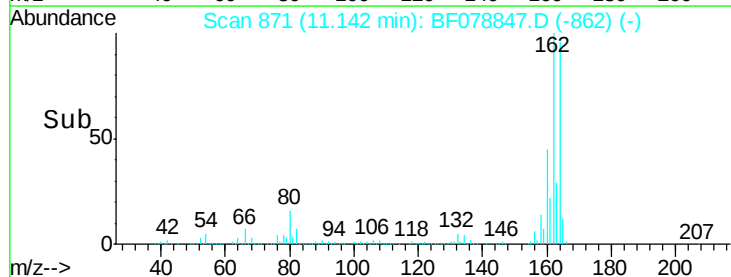
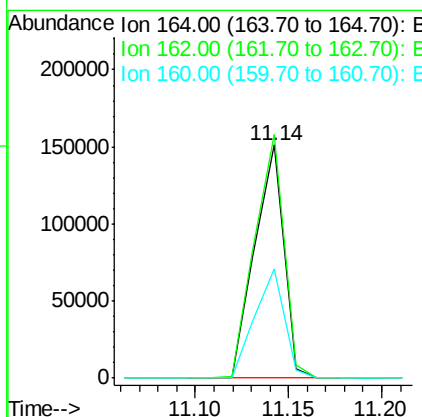
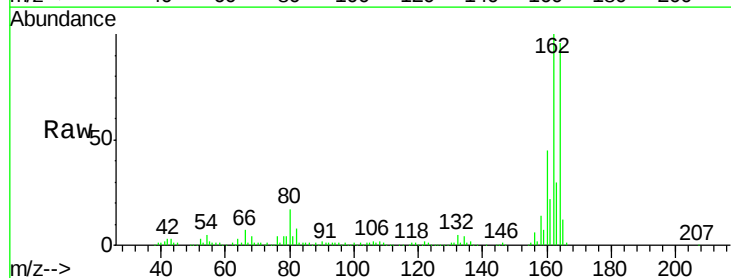
Instrument :
 BNA_F
 ClientSampleId :
 W-1A

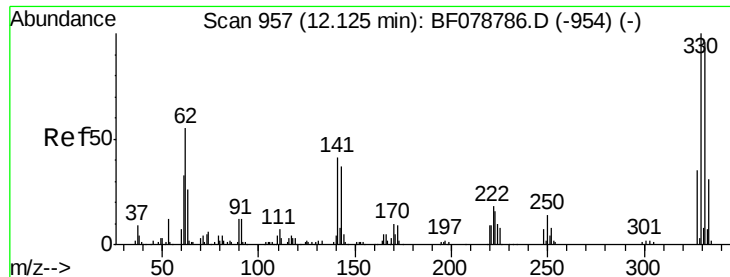
Tot Ion	82	Resp	454823
Ion Ratio	100	Lower	Upper
128	37.2	30.0	45.0
54	58.6	46.4	69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF078847.D
 Acq: 30 Apr 2015 9:57

Tgt Ion	164	Resp	162212
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	104.5	82.7	124.1
160	46.9	35.8	53.8

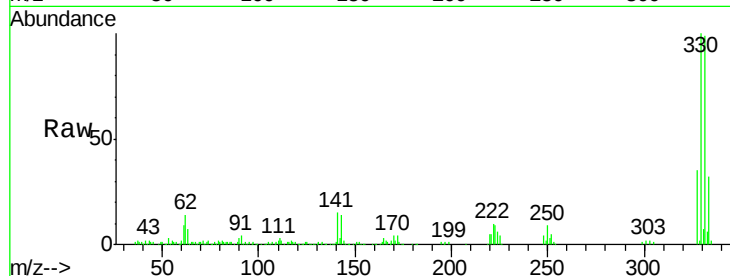




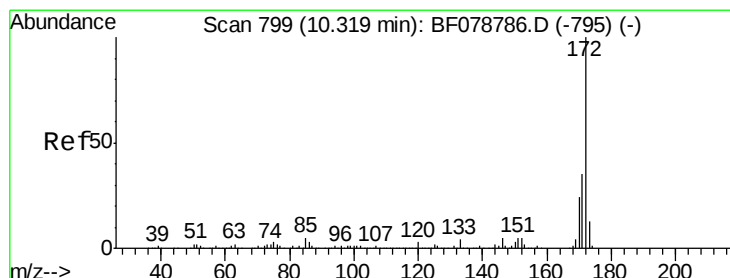
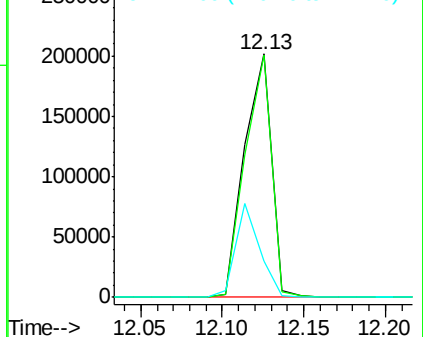
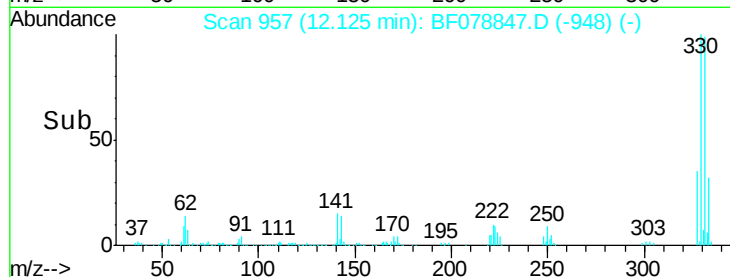
#41
 2,4,6-Tribromophenol
 Concen: 143.45 ng
 RT: 12.13 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF078847.D
 Acq: 30 Apr 2015 9:57

Instrument :
 BNA_F
 ClientSampleId :
 W-1A

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	33.9	0.0	0.0#

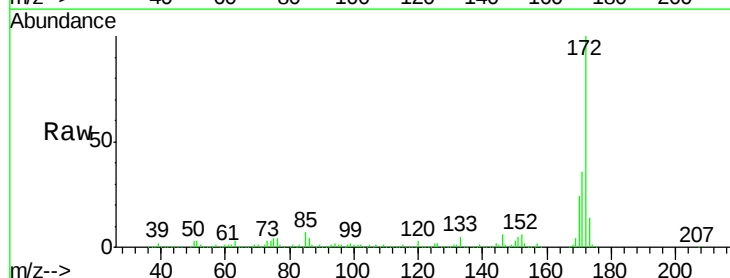


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

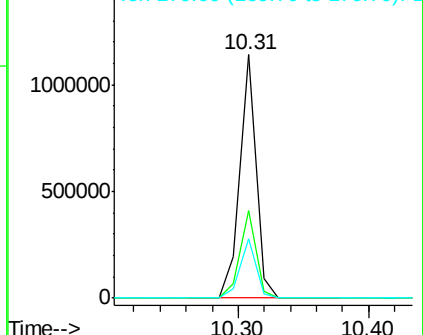
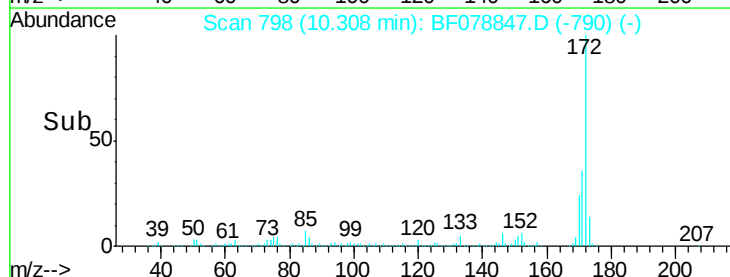


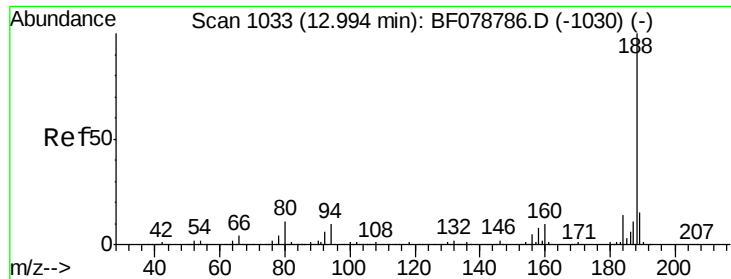
#44
 2-Fluorobiphenyl
 Concen: 82.79 ng
 RT: 10.31 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF078847.D
 Acq: 30 Apr 2015 9:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.9	41.9
170	24.4	19.4	29.0



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

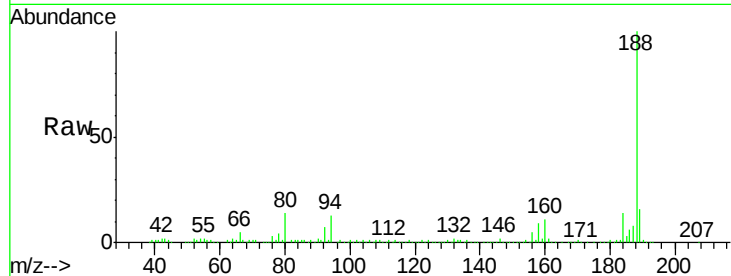




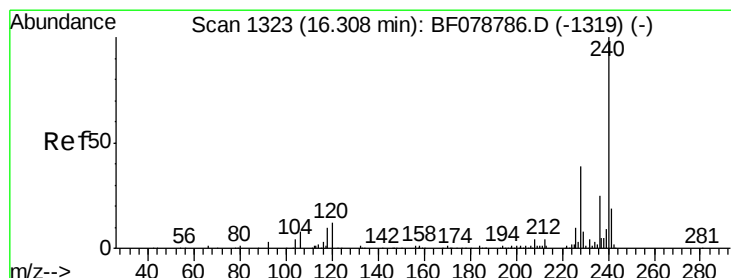
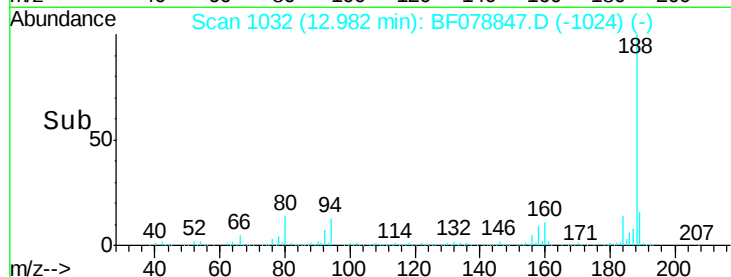
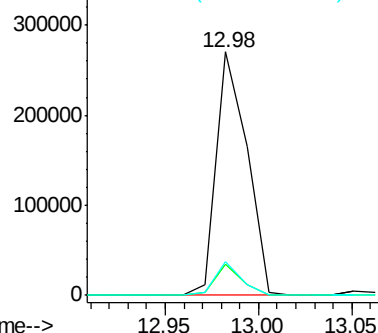
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF078847.D
Acq: 30 Apr 2015 9:57

Instrument :
BNA_F
ClientSampleId :
W-1A

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.9	8.2	12.2#
80	13.9	8.9	13.3#

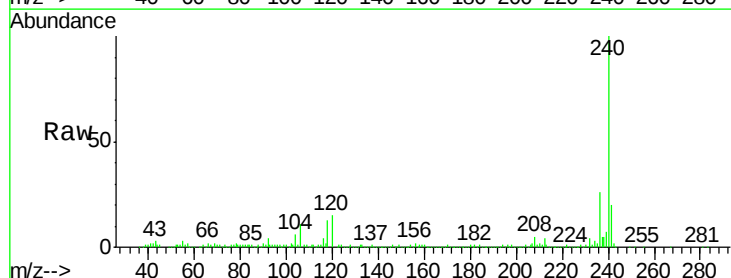


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

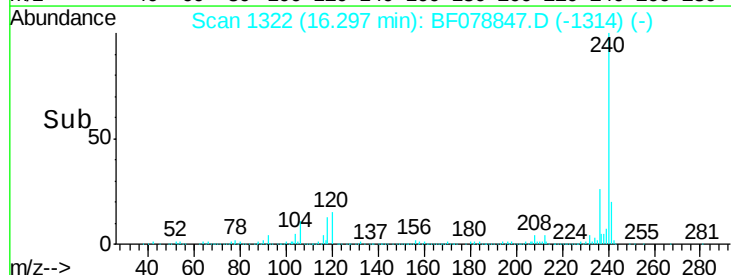
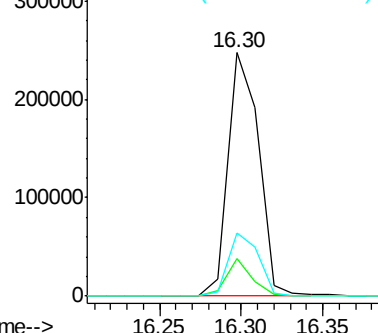


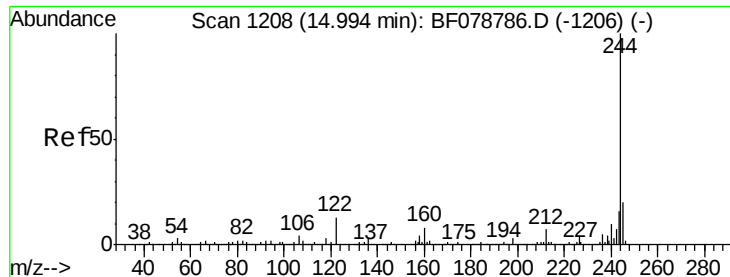
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.30 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF078847.D
Acq: 30 Apr 2015 9:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.3	9.7	14.5#
236	25.9	20.2	30.4



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: 82.18 ng

RT: 14.98 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF078847.D

Acq: 30 Apr 2015 9:57

Instrument :

BNA_F

ClientSampleId :

W-1A

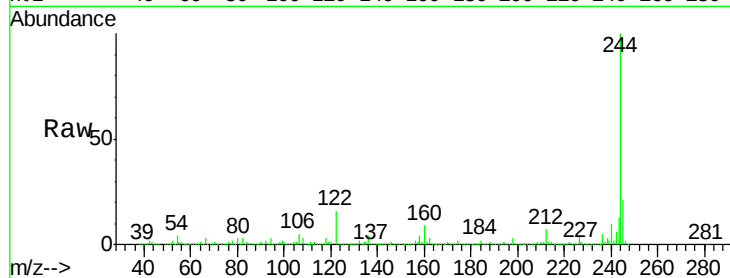
Tot Ion:244 Resp: 1117275

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

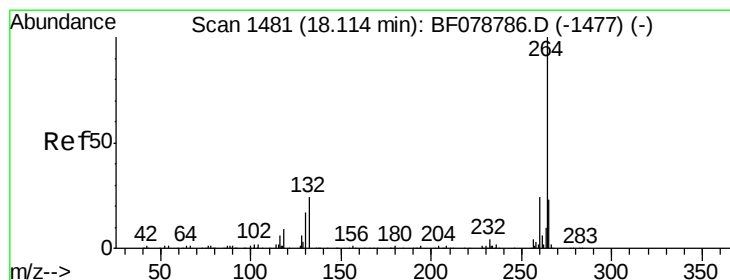
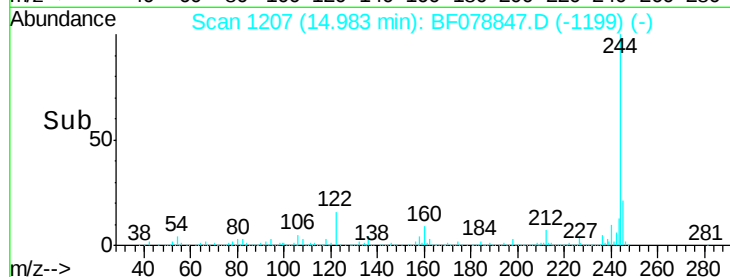
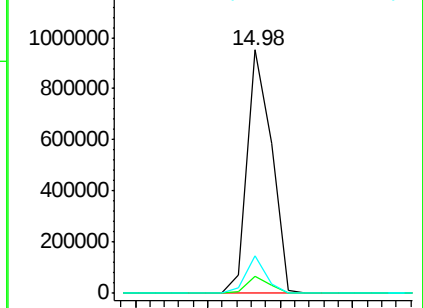
122 15.6 10.3 15.5#



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: 18.11 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BF078847.D

Acq: 30 Apr 2015 9:57

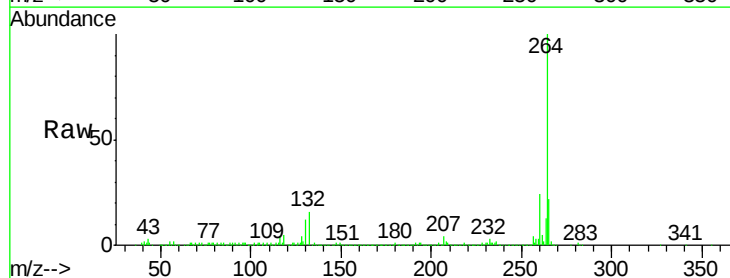
Tgt Ion:264 Resp: 350522

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.9 18.3 27.5



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

