

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031115\
 Data File : BF077706.D
 Acq On : 12 Mar 2015 1:16
 Operator : TP/IZ
 Sample : G1475-03
 Misc : W
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-B

Quant Time: Mar 12 05:06:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 12 02:24:12 2015
 Response via : Initial Calibration

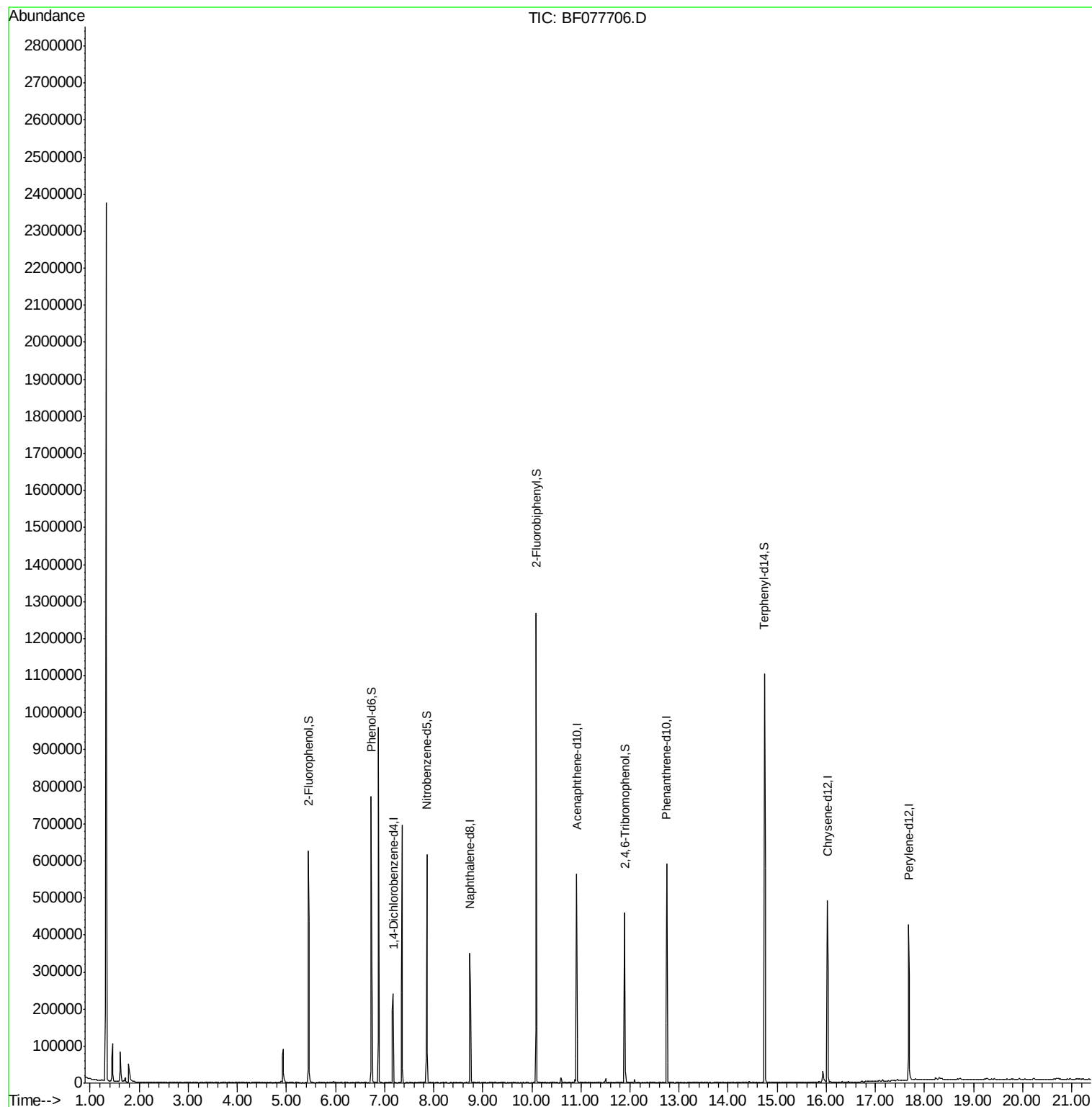
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	53009	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	219814	20.00	ng	-0.01
38) Acenaphthene-d10	10.91	164	115323	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	230641	20.00	ng	0.00
75) Chrysene-d12	16.02	240	228659	20.00	ng	-0.01
86) Perylene-d12	17.68	264	211354	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	240324	79.14	ng	-0.01
7) Phenol-d6	6.73	99	307428	81.94	ng	-0.01
23) Nitrobenzene-d5	7.86	82	186314	55.56	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	80751	73.18	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	388006	49.45	ng	0.00
78) Terphenyl-d14	14.74	244	450696	48.15	ng	-0.01
Target Compounds						
76) Benzidine	14.44	184	2636	Below Cal	Qvalue #	68

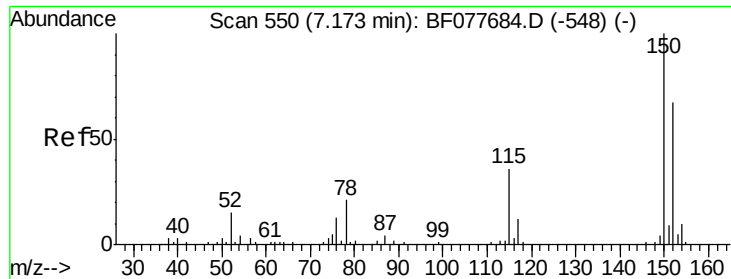
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 12 02:24:12 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.17 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF077706.D

Acq: 12 Mar 2015 1:16

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BNA_F

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FK-GF-01-012-B

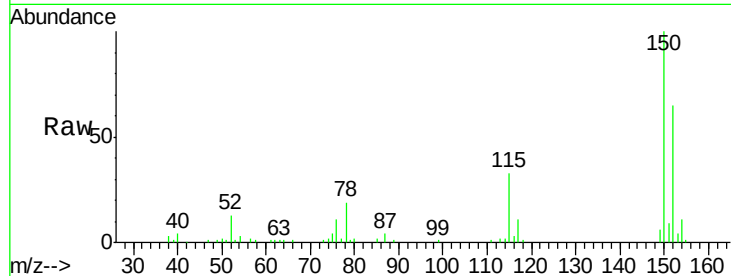
Tgt Ion:152 Resp: 53009

Ion Ratio Lower Upper

152 100

150 154.9 119.5 179.3

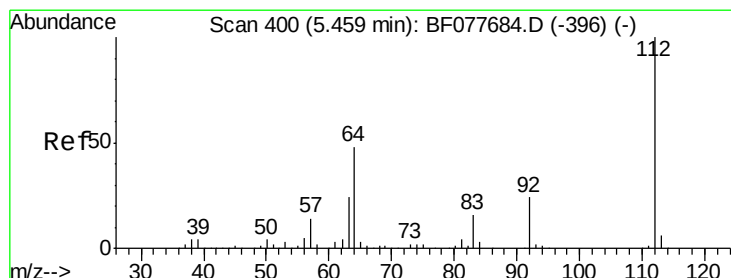
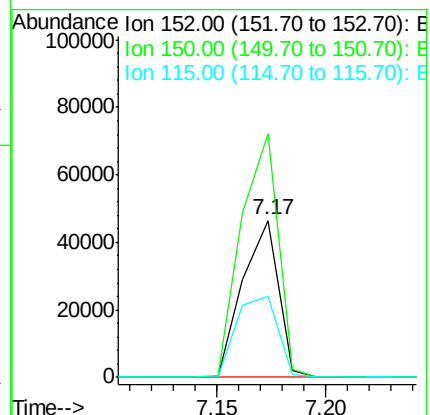
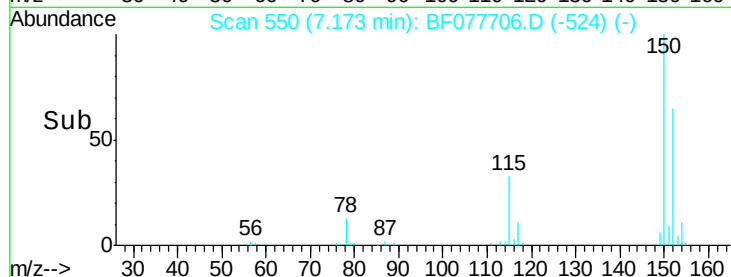
115 51.8 43.0 64.4



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: 79.14 ng

RT: 5.45 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF077706.D

Acq: 12 Mar 2015 1:16

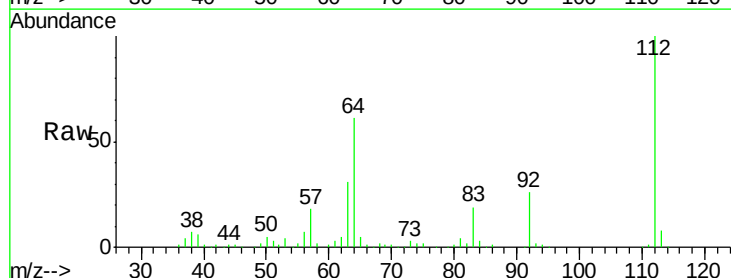
Tgt Ion:112 Resp: 240324

Ion Ratio Lower Upper

112 100

64 61.0 38.6 57.8#

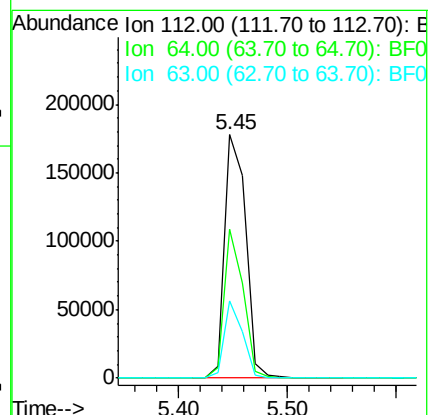
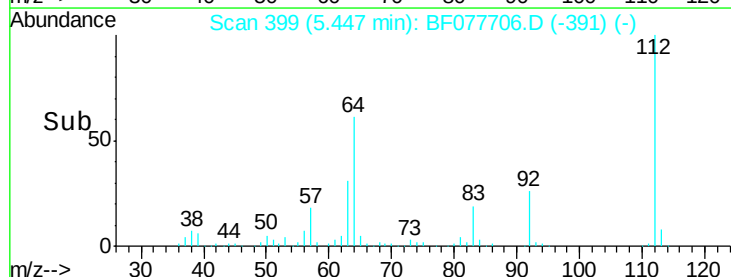
63 31.5 19.3 28.9#

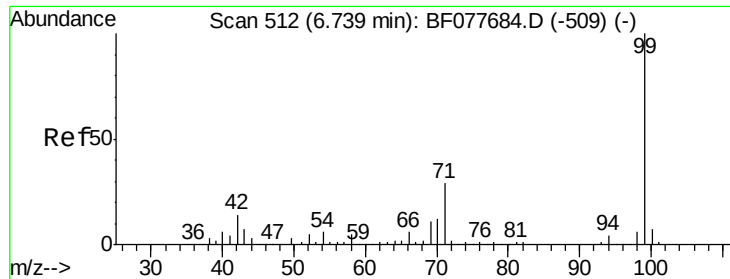


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 81.94 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF077706.D

Acq: 12 Mar 2015 1:16

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-012-B

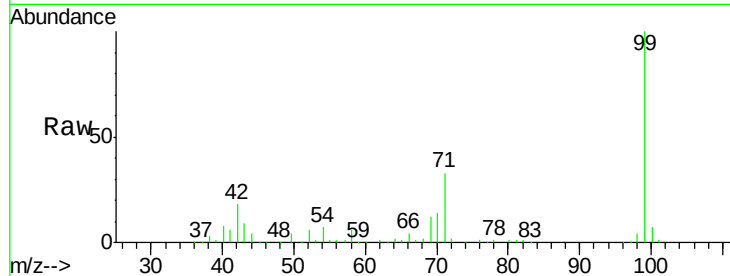
Tgt Ion: 99 Resp: 307428

Ion Ratio Lower Upper

99 100

42 18.3 11.0 16.4#

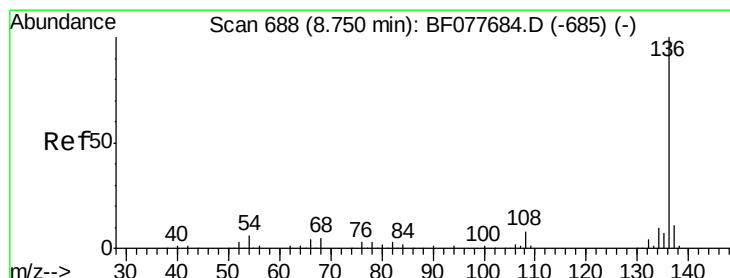
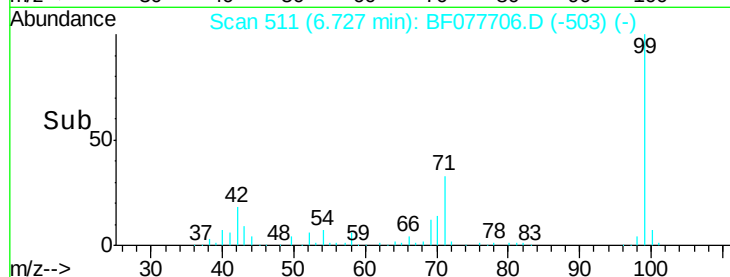
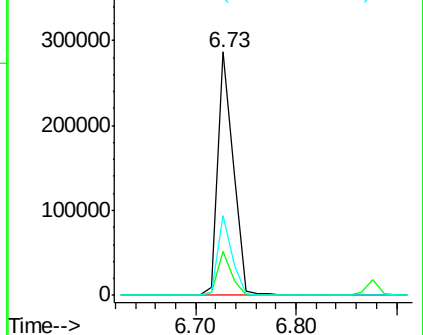
71 32.6 23.4 35.2



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: 8.74 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF077706.D

Acq: 12 Mar 2015 1:16

Tgt Ion: 136 Resp: 219814

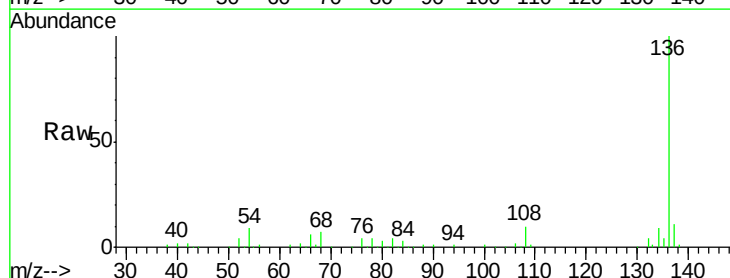
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.7 4.6 6.8#

68 6.8 3.7 5.5#

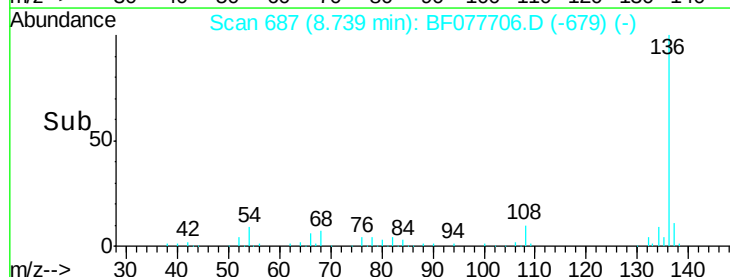
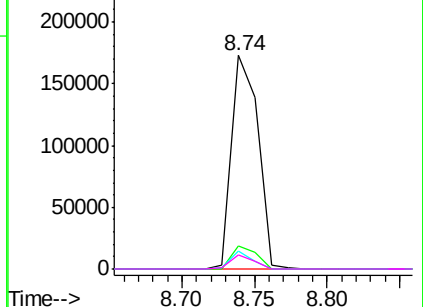


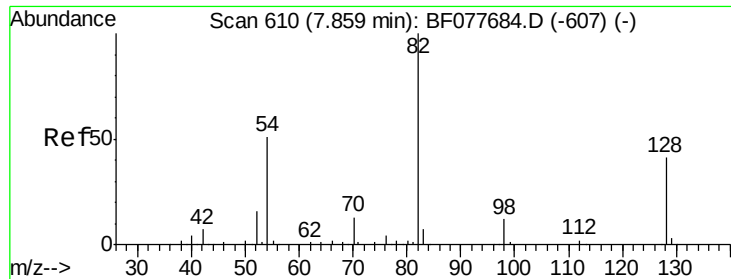
Abundance Ion 136.00 (135.70 to 136.70): E

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

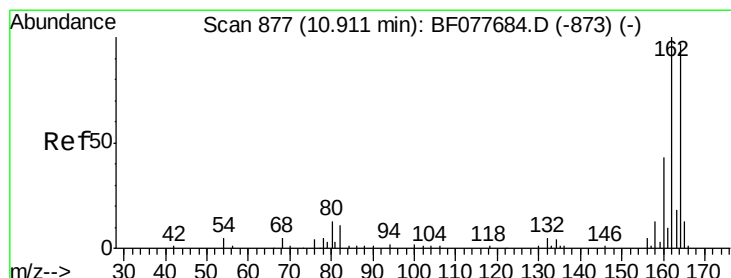
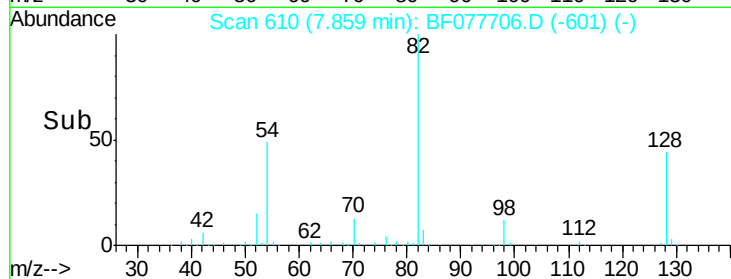
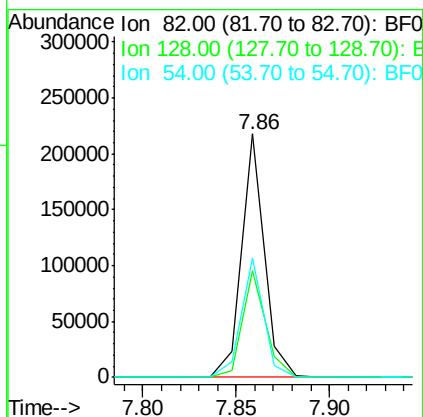
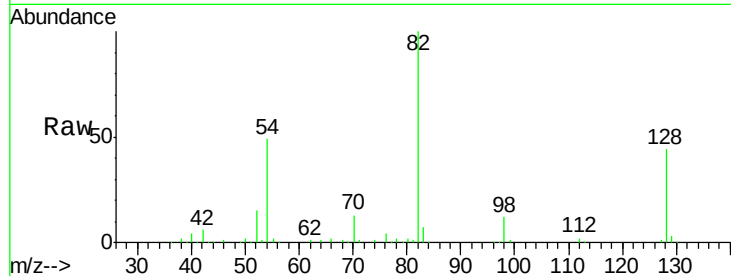




#23
 Nitrobenzene-d5
 Concen: 55.56 ng
 RT: 7.86 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF077706.D
 Acq: 12 Mar 2015 1:16

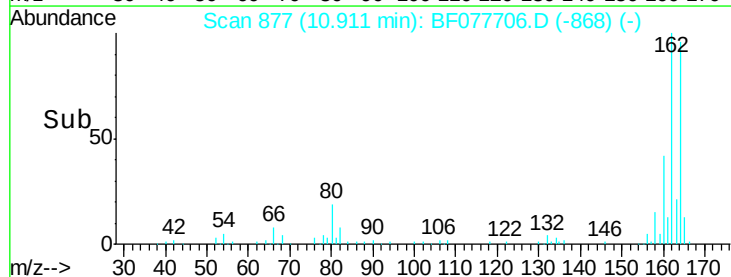
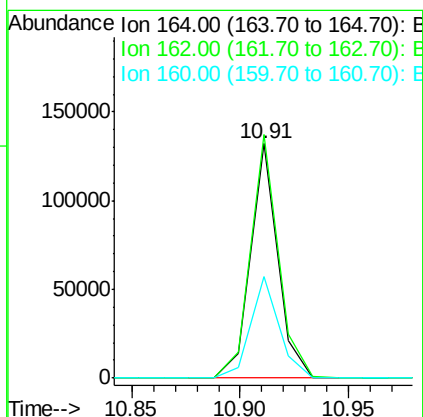
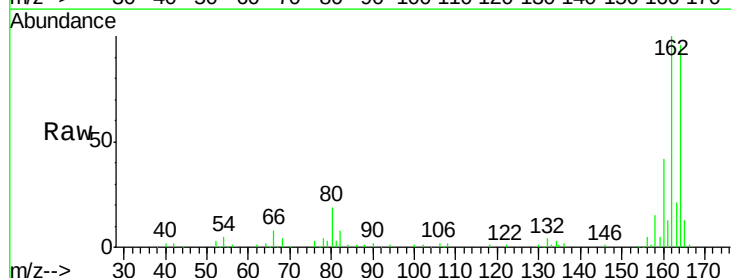
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-B

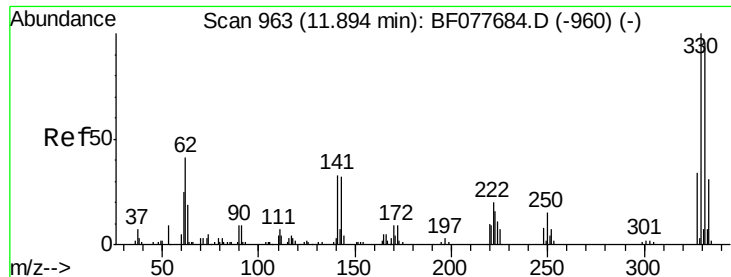
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.8	32.8	49.2
54	49.3	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF077706.D
 Acq: 12 Mar 2015 1:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.4	123.6
160	43.5	35.8	53.6

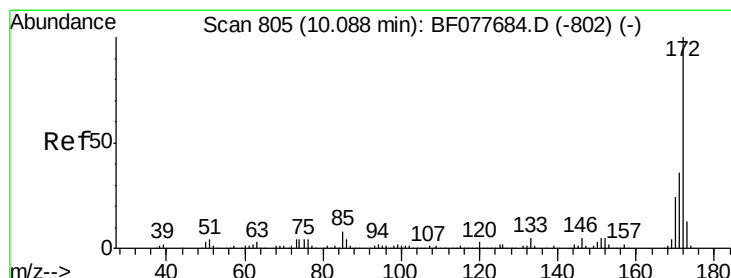
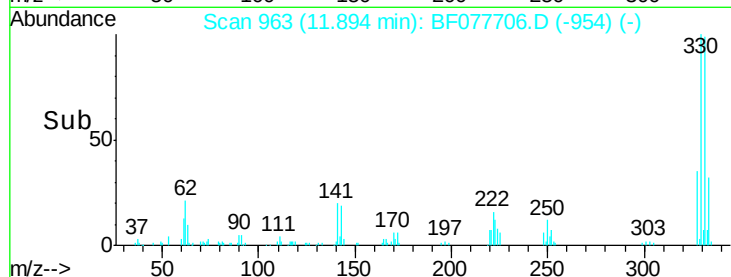
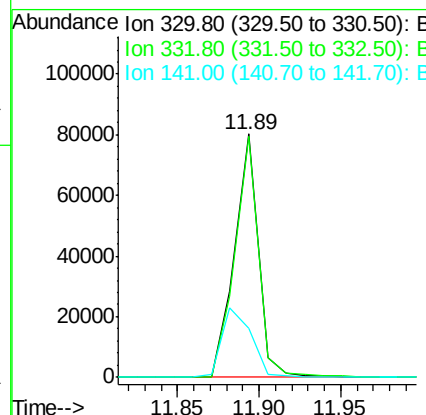
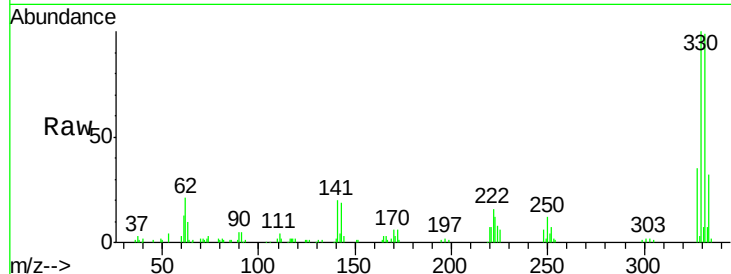




#41
 2,4,6-Tribromophenol
 Concen: 73.18 ng
 RT: 11.89 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF077706.D
 Acq: 12 Mar 2015 1:16

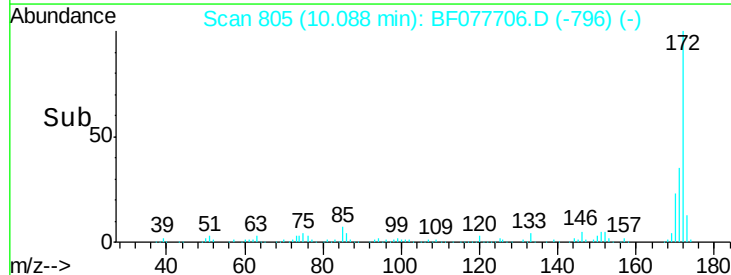
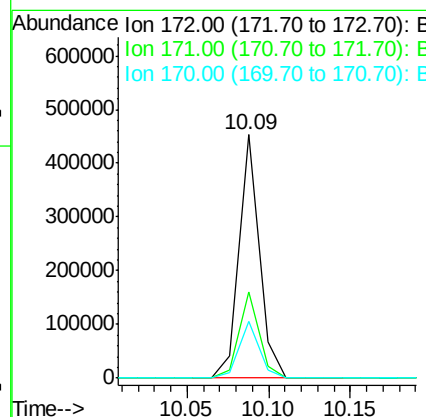
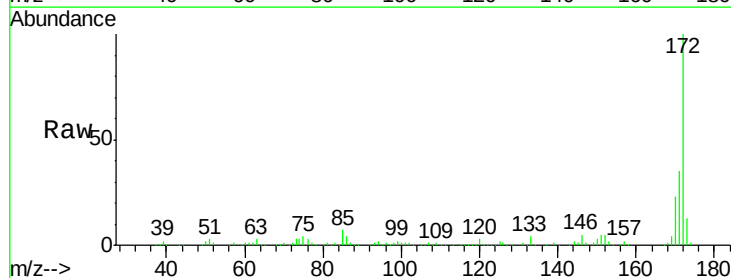
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-B

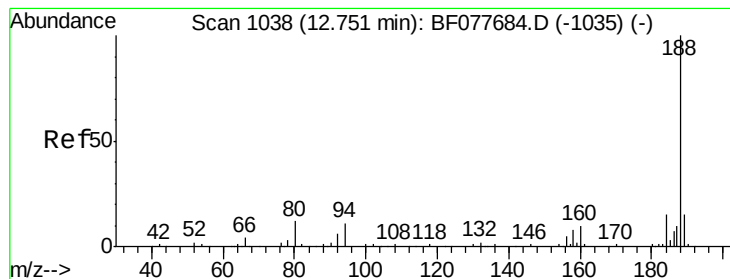
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	0.0	0.0#
141	35.7	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 49.45 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077706.D
 Acq: 12 Mar 2015 1:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.2	18.8	28.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.75 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF077706.D

Acq: 12 Mar 2015 1:16

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-012-B

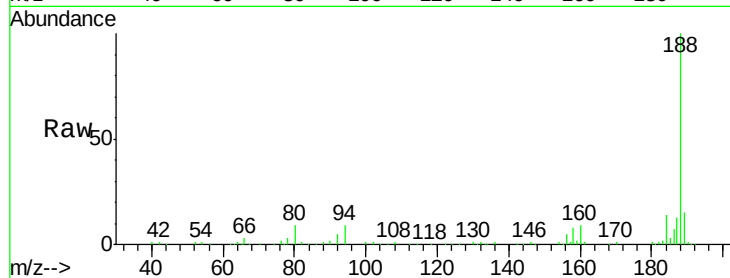
Tgt Ion:188 Resp: 230641

Ion Ratio Lower Upper

188 100

94 9.1 8.7 13.1

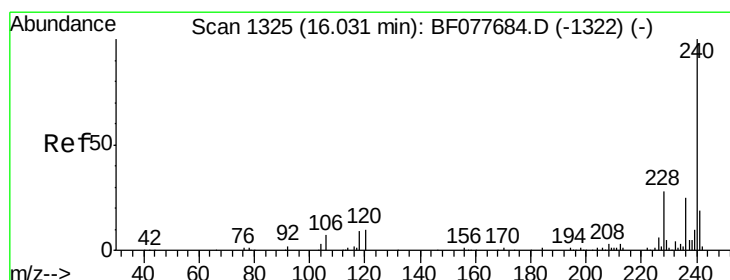
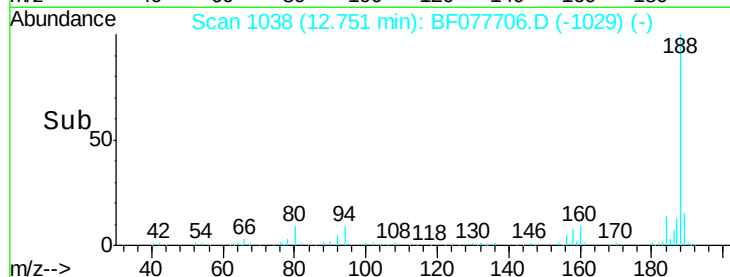
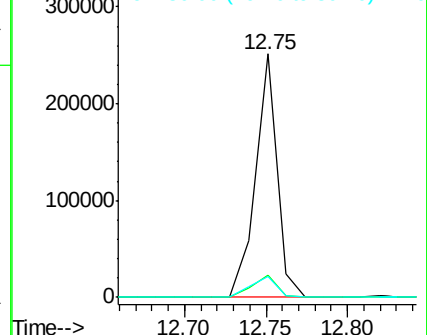
80 8.8 9.3 13.9#



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: 16.02 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF077706.D

Acq: 12 Mar 2015 1:16

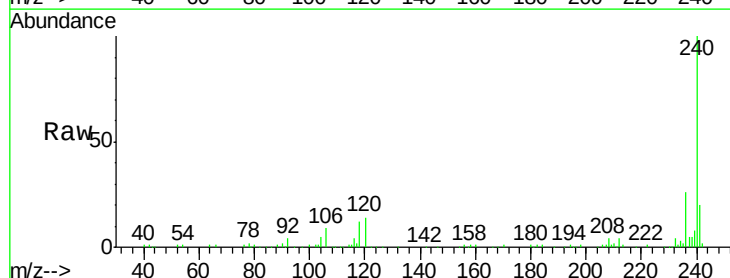
Tgt Ion:240 Resp: 228659

Ion Ratio Lower Upper

240 100

120 14.0 8.2 12.2#

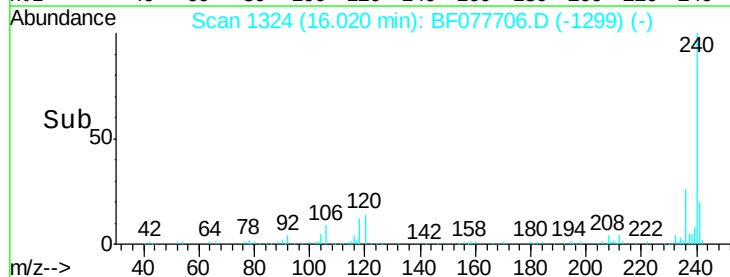
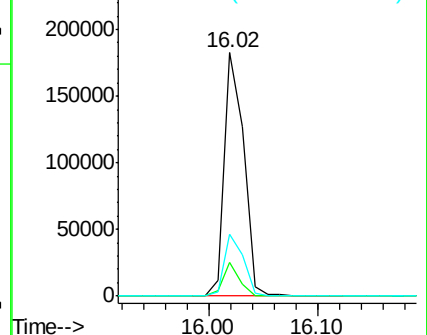
236 25.6 20.0 30.0

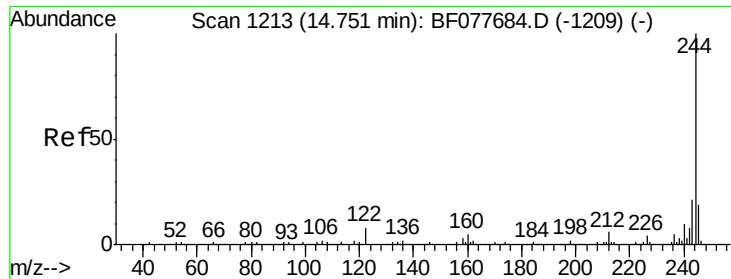


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

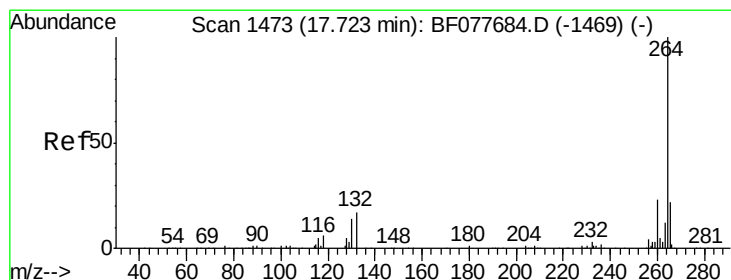
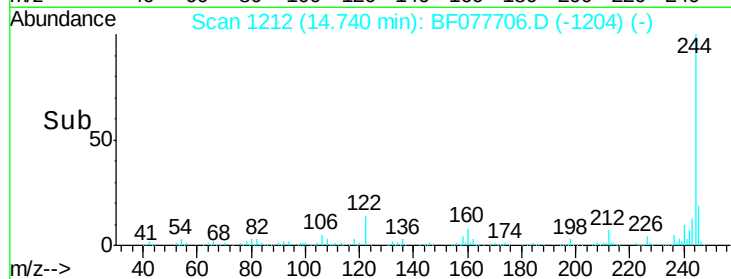
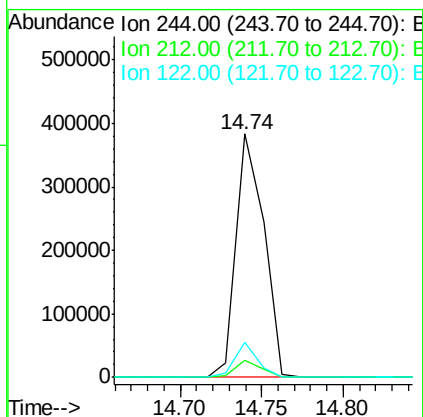
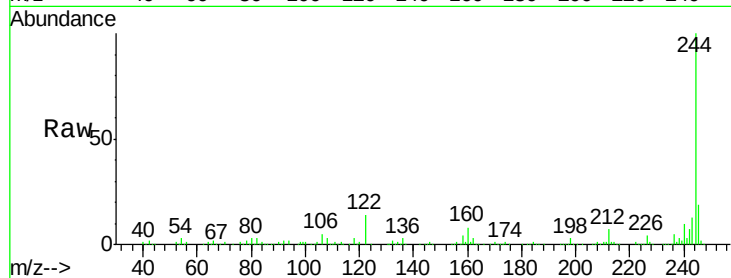




#78
 Terphenyl-d14
 Concen: 48.15 ng
 RT: 14.74 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF077706.D
 Acq: 12 Mar 2015 1:16

Instrument :
 BNA_F
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 FK-GF-01-012-B

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	4.9	7.3
122	14.3	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.68 min Scan# 1469
 Delta R.T. -0.05 min
 Lab File: BF077706.D
 Acq: 12 Mar 2015 1:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	22.0	17.3	25.9

