

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031115\
 Data File : BF077696.D
 Acq On : 11 Mar 2015 19:32
 Operator : TP/IZ
 Sample : G1475-01
 Misc : S
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Mar 12 04:19:27 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

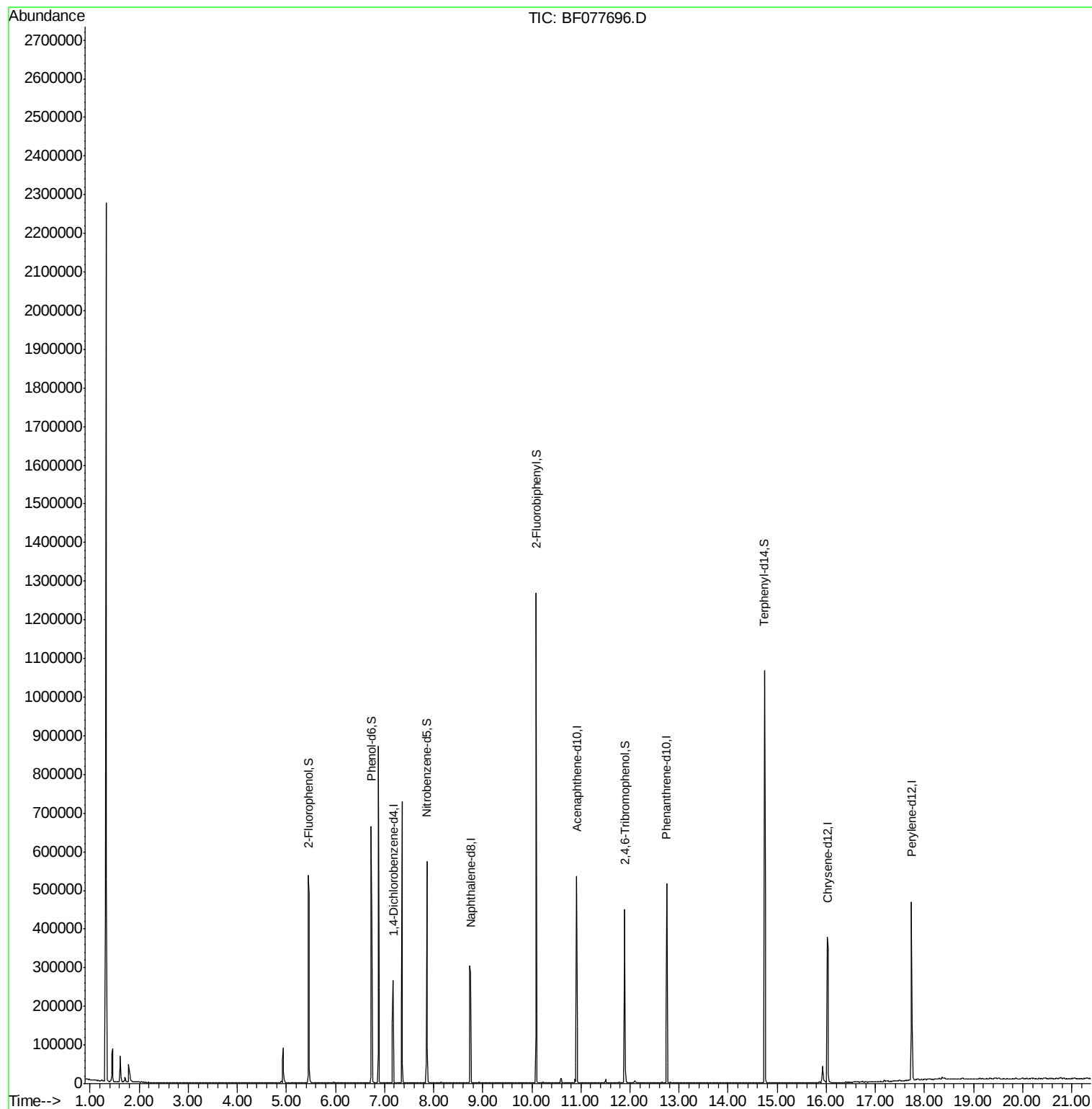
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	51946	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	211185	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	110984	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	205315	20.00	ng	0.00
75) Chrysene-d12	16.03	240	208604	20.00	ng	0.00
86) Perylene-d12	17.73	264	201541	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	232244	78.04	ng	0.00
7) Phenol-d6	6.73	99	300859	81.83	ng	-0.01
23) Nitrobenzene-d5	7.86	82	174117	54.05	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	73043	68.79	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	387794	51.35	ng	0.00
78) Terphenyl-d14	14.74	244	417843	48.93	ng	-0.01
Target Compounds						
76) Benzidine	14.43	184	2040	Below Cal	Qvalue #	68

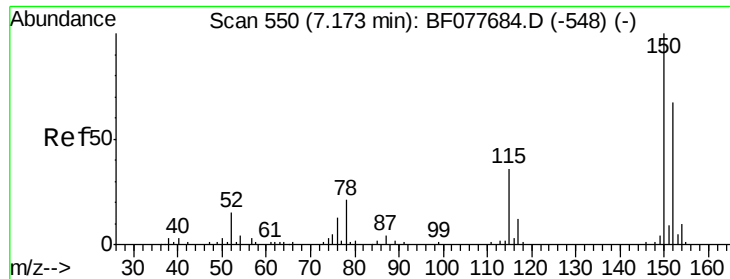
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF077696.D

Acq: 11 Mar 2015 19:32

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-012-A

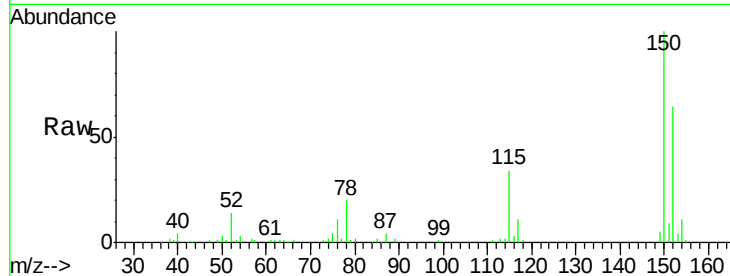
Tgt Ion:152 Resp: 51946

Ion Ratio Lower Upper

152 100

150 156.9 119.5 179.3

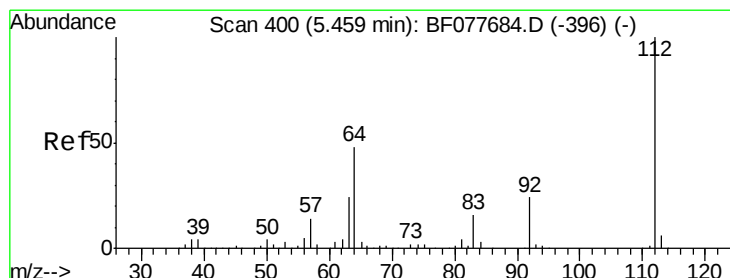
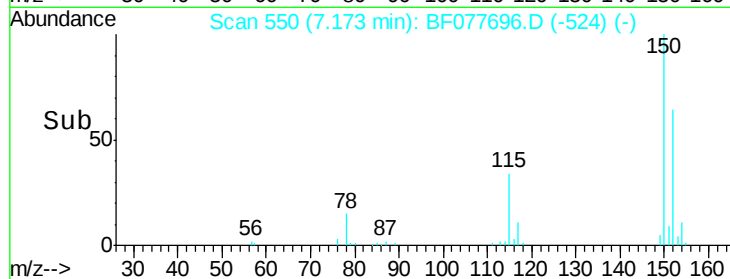
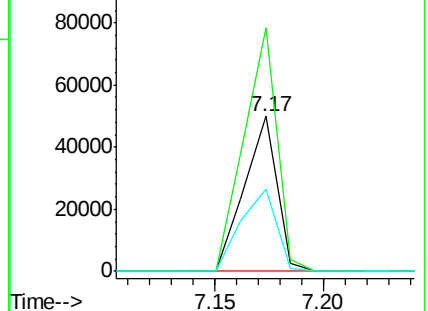
115 53.1 43.0 64.4



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: 78.04 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF077696.D

Acq: 11 Mar 2015 19:32

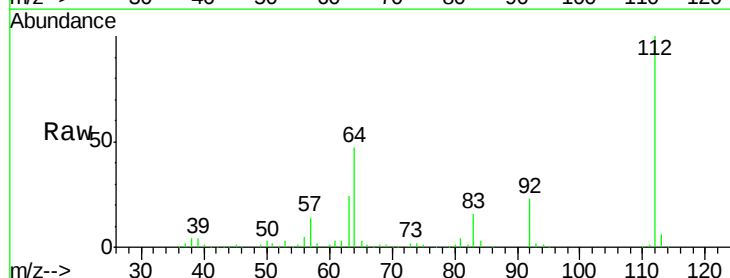
Tgt Ion:112 Resp: 232244

Ion Ratio Lower Upper

112 100

64 47.3 38.6 57.8

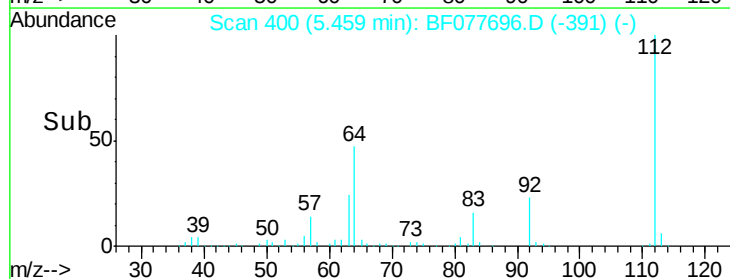
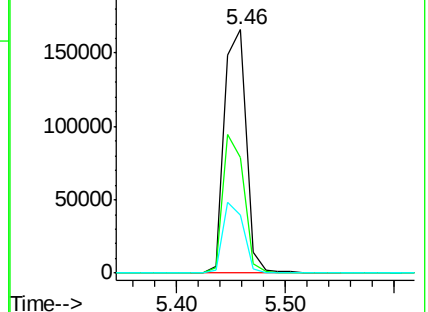
63 23.8 19.3 28.9



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: 81.83 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF077696.D

Acq: 11 Mar 2015 19:32

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-012-A

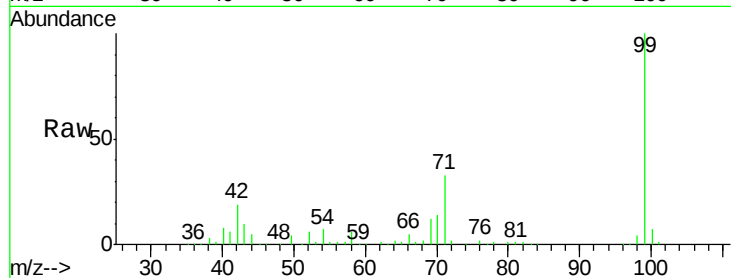
Tgt Ion: 99 Resp: 300859

Ion Ratio Lower Upper

99 100

42 18.8 11.0 16.4#

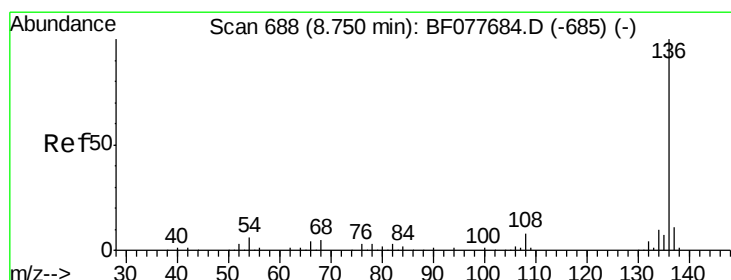
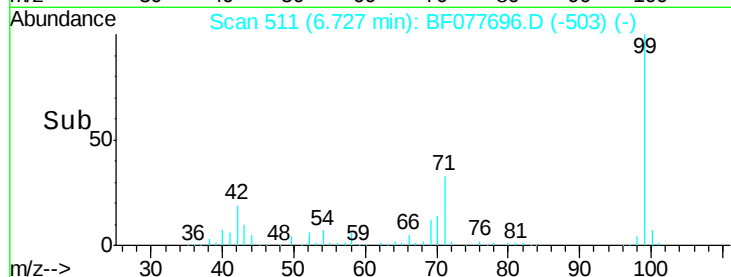
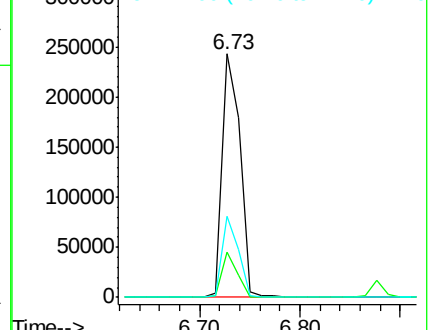
71 33.3 23.4 35.2



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: 8.75 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF077696.D

Acq: 11 Mar 2015 19:32

Tgt Ion: 136 Resp: 211185

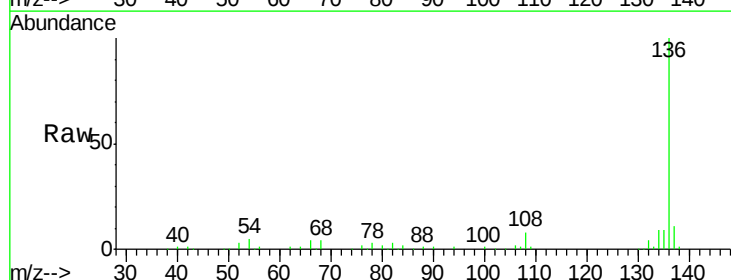
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 5.2 4.6 6.8

68 4.2 3.7 5.5

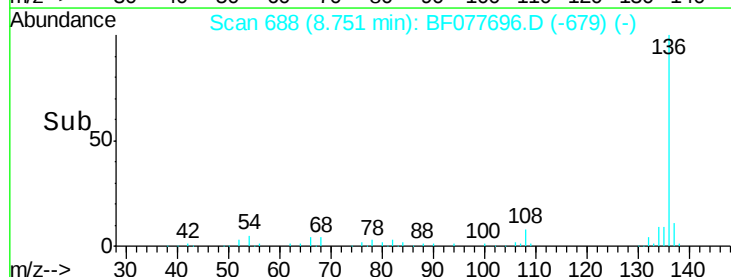
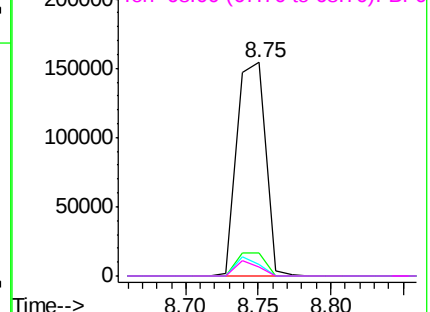


Abundance Ion 136.00 (135.70 to 136.70): E

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

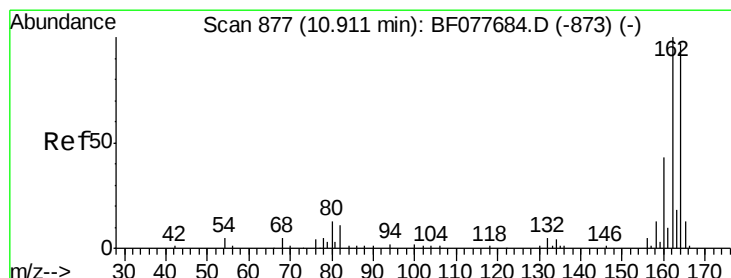
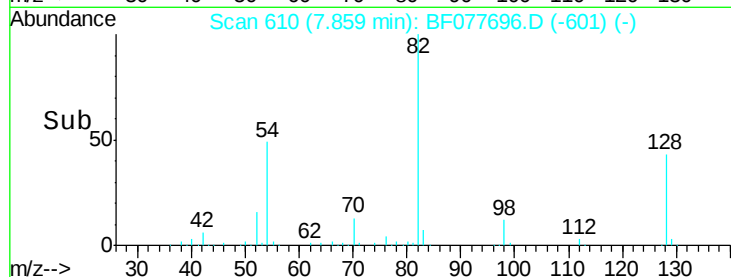
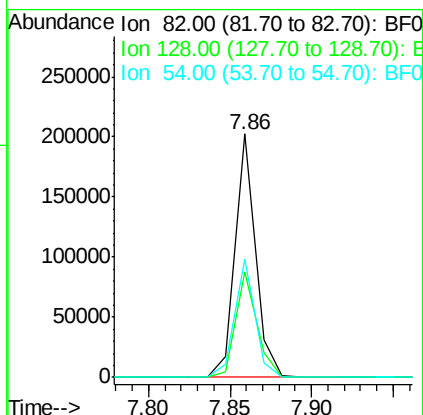
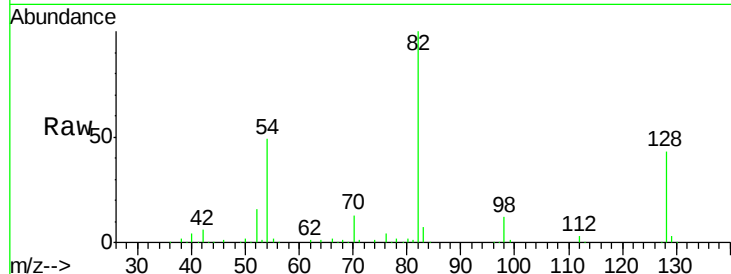




#23
 Nitrobenzene-d5
 Concen: 54.05 ng
 RT: 7.86 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF077696.D
 Acq: 11 Mar 2015 19:32

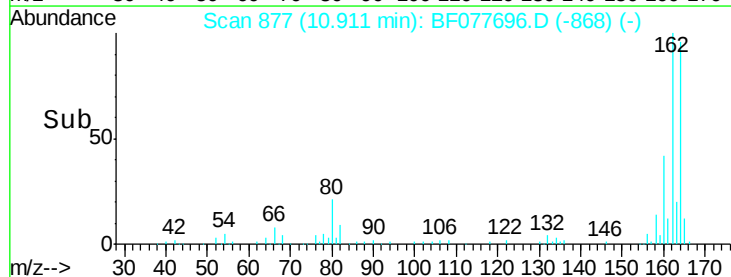
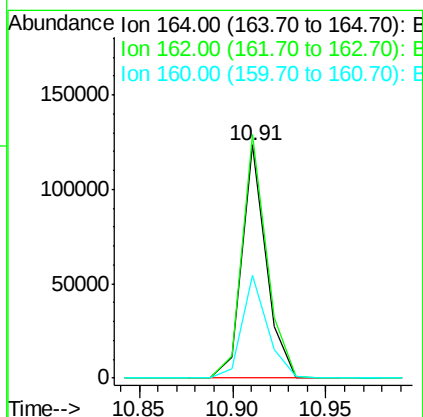
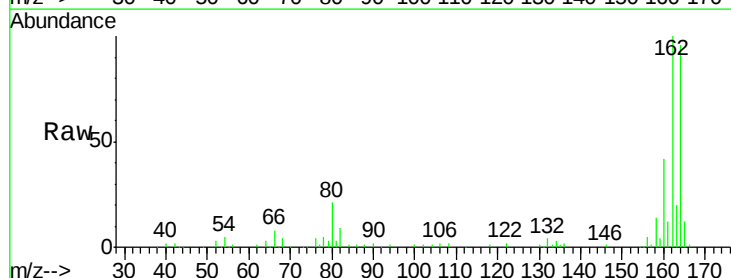
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-A

Tgt Ion: 82 Resp: 174117
 Ion Ratio Lower Upper
 82 100
 128 43.1 32.8 49.2
 54 48.6 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: BF077696.D
 Acq: 11 Mar 2015 19:32

Tgt Ion: 164 Resp: 110984
 Ion Ratio Lower Upper
 164 100
 162 104.6 82.4 123.6
 160 44.3 35.8 53.6

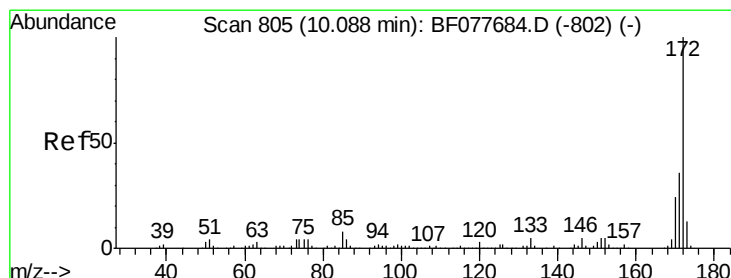
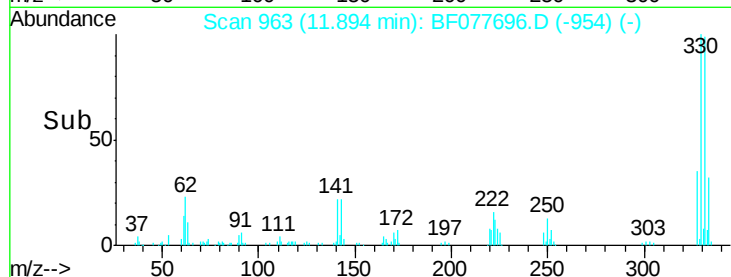
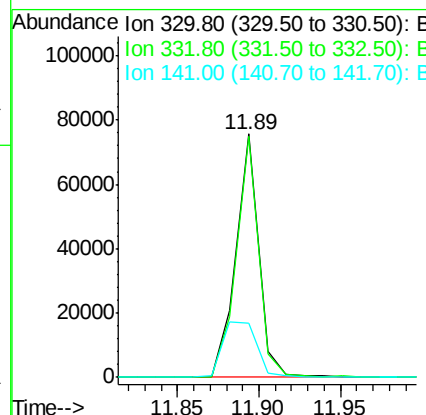
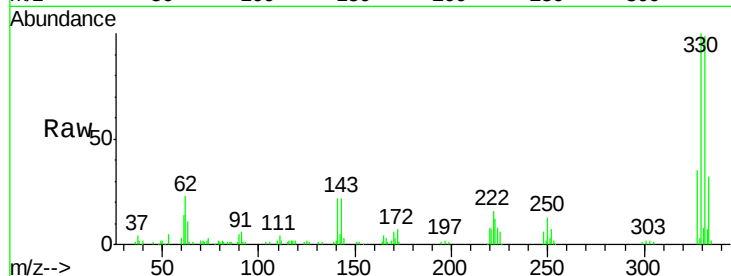




#41
 2,4,6-Tribromophenol
 Concen: 68.79 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF077696.D
 Acq: 11 Mar 2015 19:32

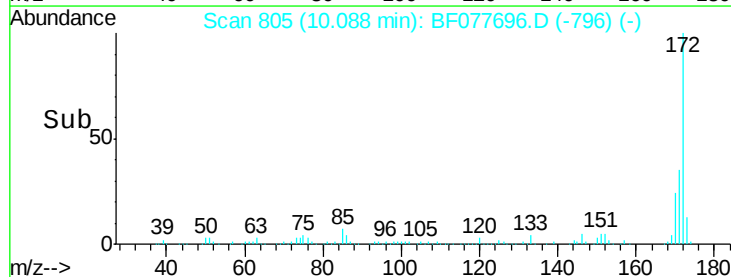
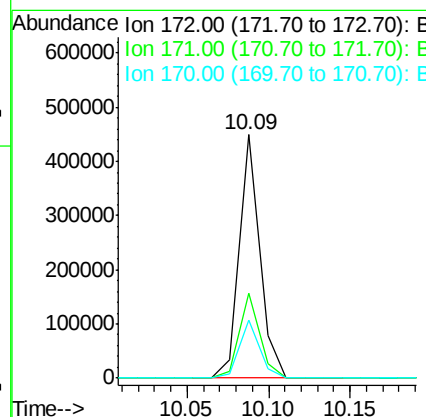
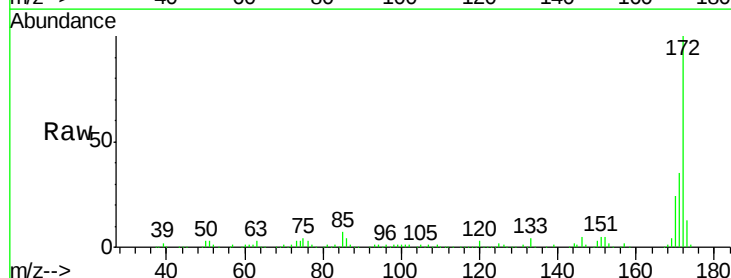
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	34.0	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 51.35 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077696.D
 Acq: 11 Mar 2015 19:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.6	18.8	28.2

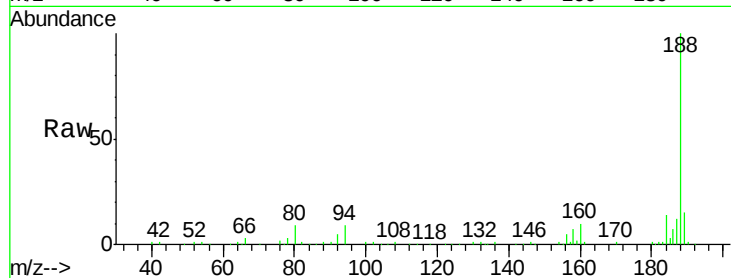




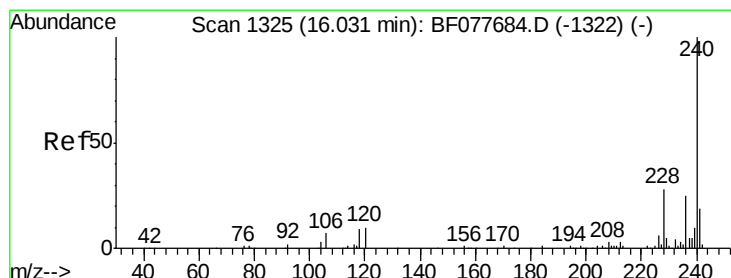
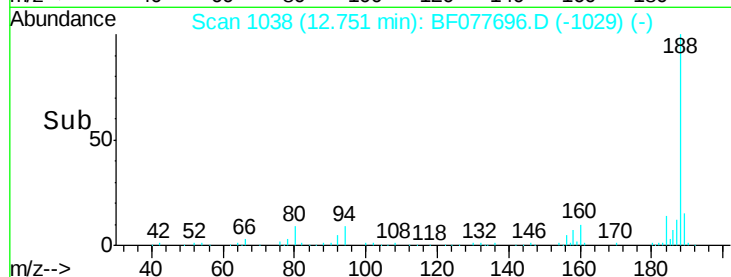
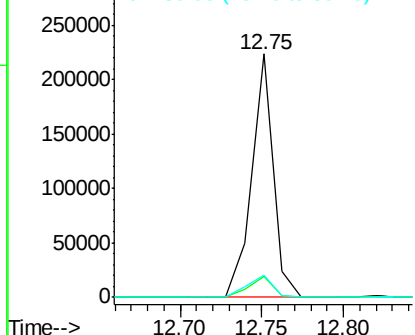
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF077696.D
Acq: 11 Mar 2015 19:32

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

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.7	13.1#
80	8.9	9.3	13.9#

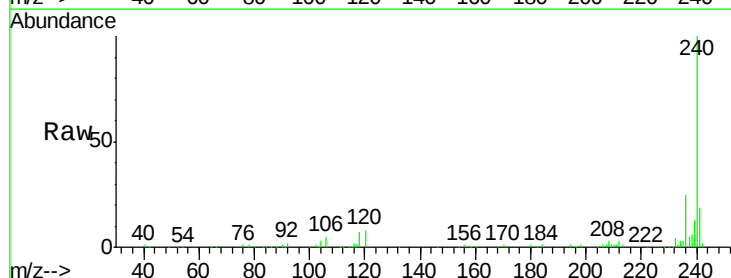


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

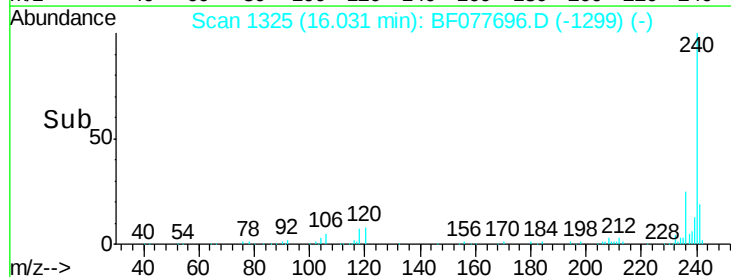
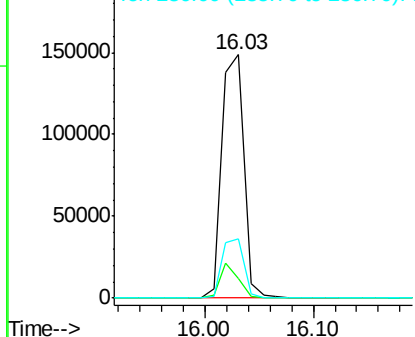


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF077696.D
Acq: 11 Mar 2015 19:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.0	8.2	12.2#
236	24.6	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: 48.93 ng

RT: 14.74 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF077696.D

Acq: 11 Mar 2015 19:32

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-012-A

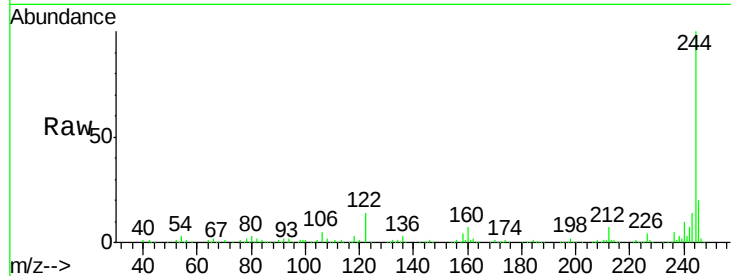
Tgt Ion:244 Resp: 417843

Ion Ratio Lower Upper

244 100

212 6.7 4.9 7.3

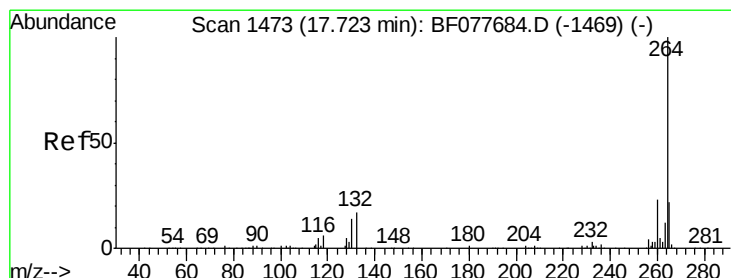
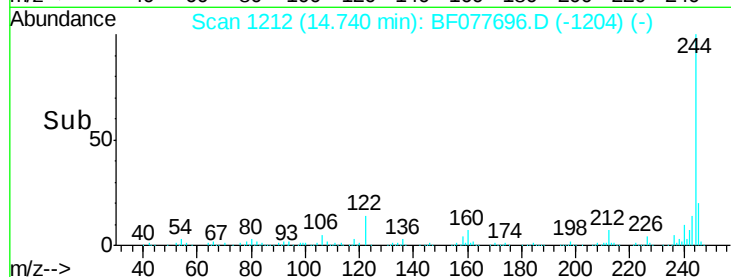
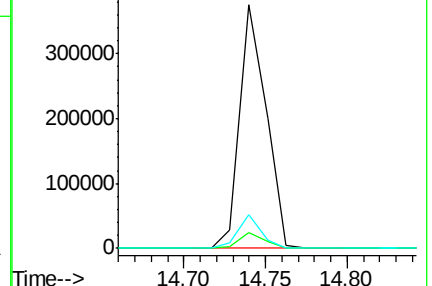
122 14.0 6.2 9.4#



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: 17.73 min Scan# 1474

Delta R.T. 0.01 min

Lab File: BF077696.D

Acq: 11 Mar 2015 19:32

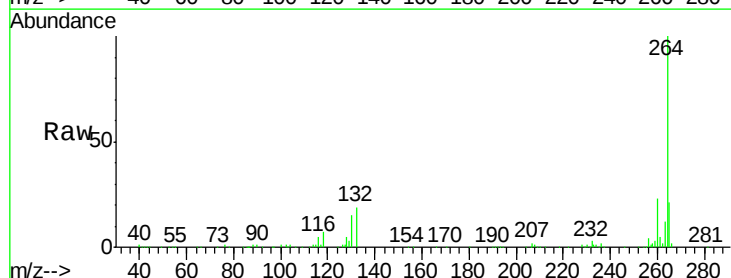
Tgt Ion:264 Resp: 201541

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 20.7 17.3 25.9



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

