

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031315\
 Data File : BF077746.D
 Acq On : 13 Mar 2015 18:17
 Operator : TP/IZ
 Sample : G1519-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW1

Quant Time: Mar 13 23:51:49 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 13 14:04:45 2015
 Response via : Initial Calibration

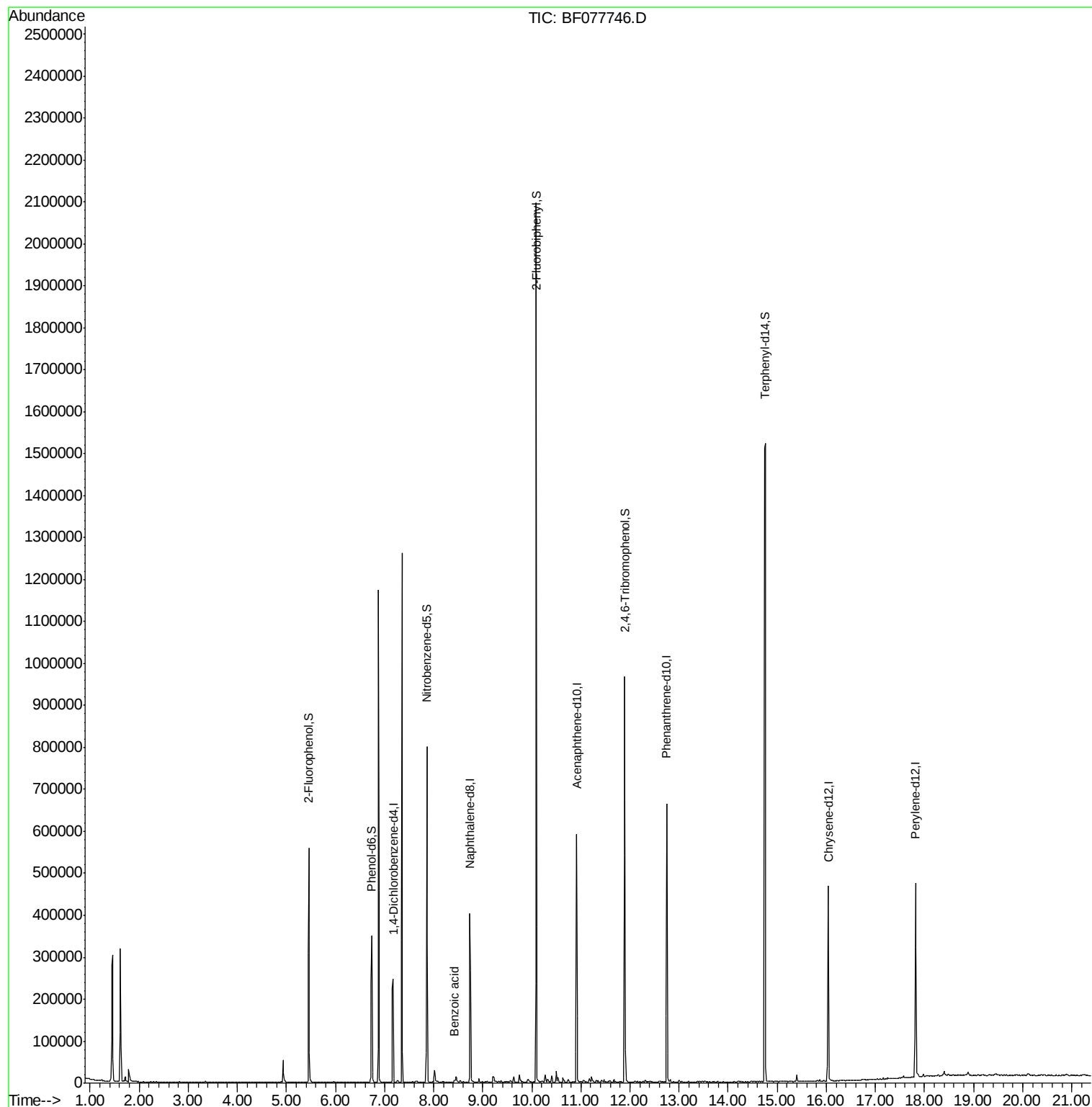
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	58503	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	242217	20.00	ng	-0.01
38) Acenaphthene-d10	10.91	164	124147	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	251367	20.00	ng	0.00
75) Chrysene-d12	16.04	240	249675	20.00	ng	0.01
86) Perylene-d12	17.81	264	239232	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	204978	61.16	ng	0.00
7) Phenol-d6	6.74	99	164060	39.62	ng	0.00
23) Nitrobenzene-d5	7.86	82	292149	79.06	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	131908	111.05	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	661699	78.33	ng	0.00
78) Terphenyl-d14	14.75	244	782979	76.60	ng	0.01
Target Compounds						
32) Benzoic acid	8.42	122	887	3.51	ng	Qvalue # 53

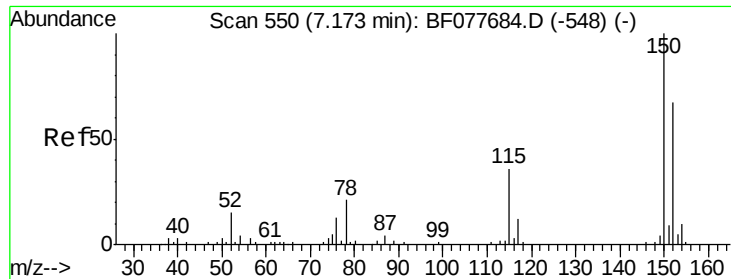
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF077746.D

Acq: 13 Mar 2015 18:17

Instrument :

BNA_F

ClientSampleId :

GW1

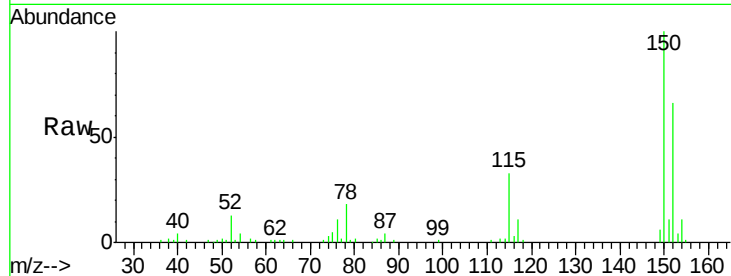
Tgt Ion:152 Resp: 58503

Ion Ratio Lower Upper

152 100

150 151.2 119.5 179.3

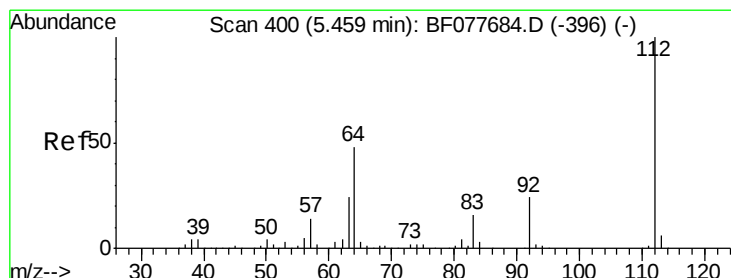
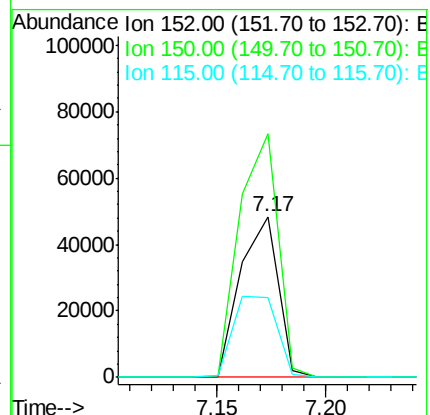
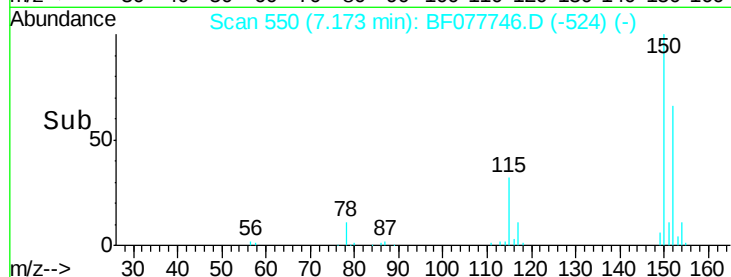
115 49.2 43.0 64.4



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: 61.16 ng

RT: 5.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF077746.D

Acq: 13 Mar 2015 18:17

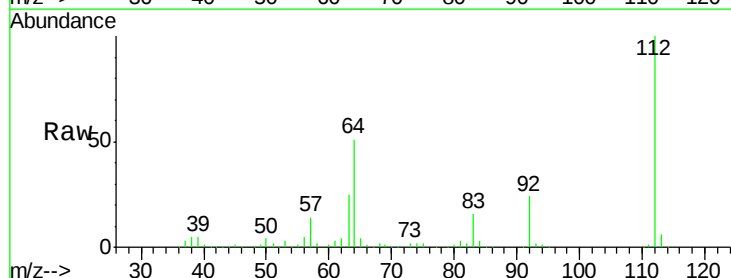
Tgt Ion:112 Resp: 204978

Ion Ratio Lower Upper

112 100

64 51.0 38.6 57.8

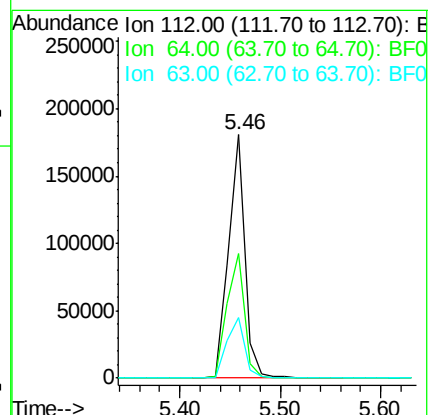
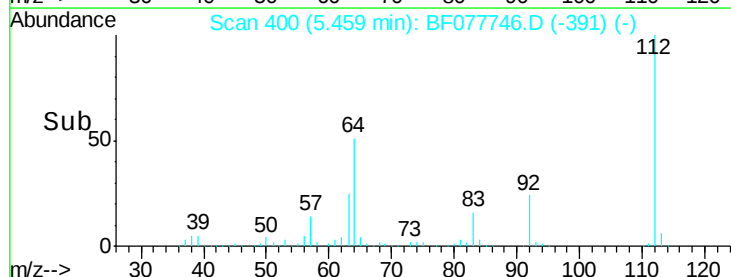
63 25.1 19.3 28.9

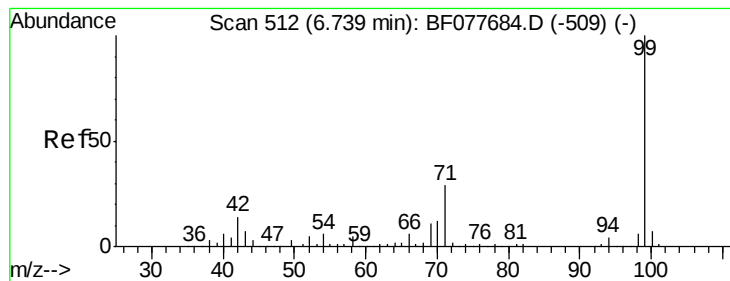


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.62 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF077746.D

Acq: 13 Mar 2015 18:17

Instrument :

BNA_F

ClientSampleId :

GW1

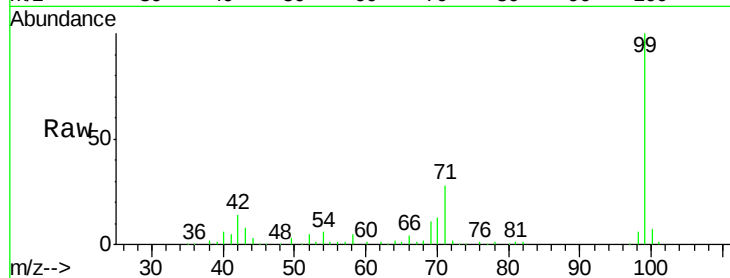
Tgt Ion: 99 Resp: 164060

Ion Ratio Lower Upper

99 100

42 13.5 11.0 16.4

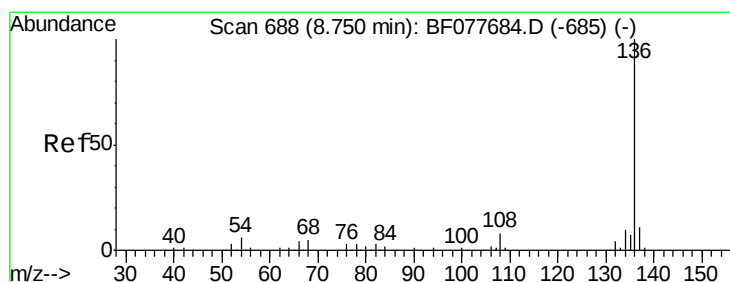
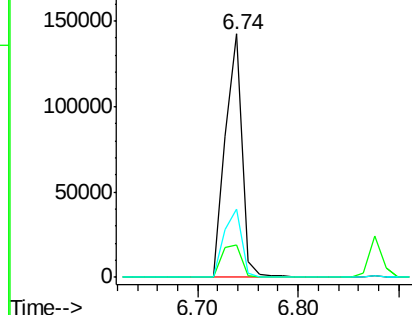
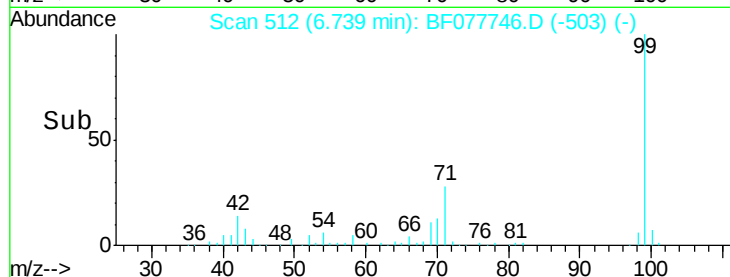
71 28.3 23.4 35.2



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: 8.74 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF077746.D

Acq: 13 Mar 2015 18:17

Tgt Ion: 136 Resp: 242217

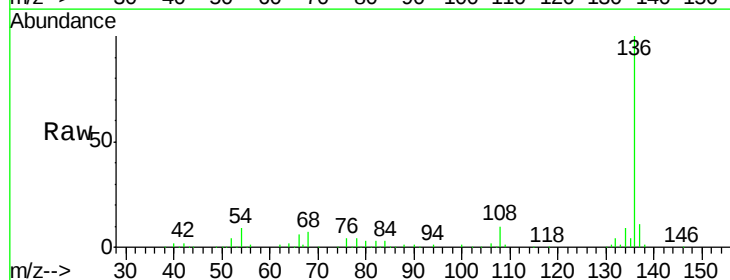
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.1 4.6 6.8#

68 6.5 3.7 5.5#

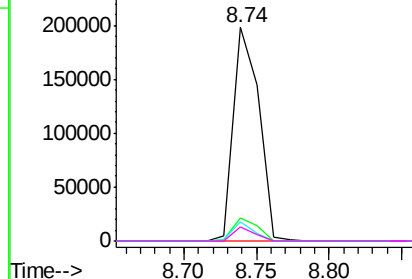
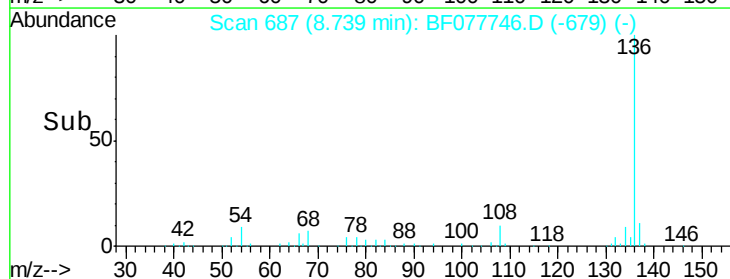


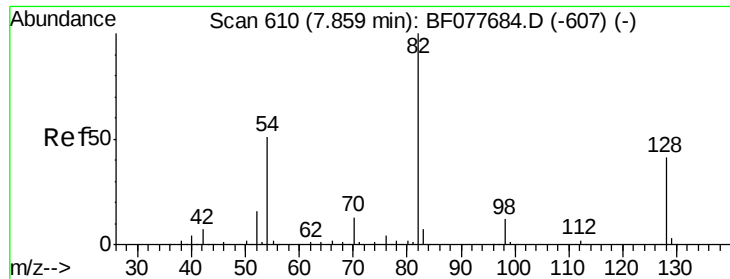
Abundance Ion 136.00 (135.70 to 136.70): E

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

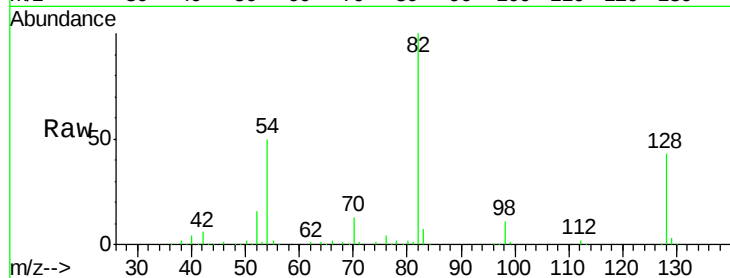




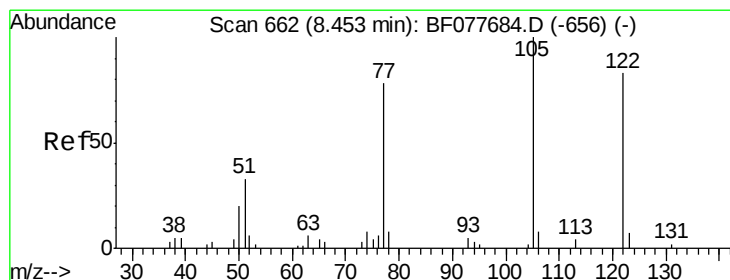
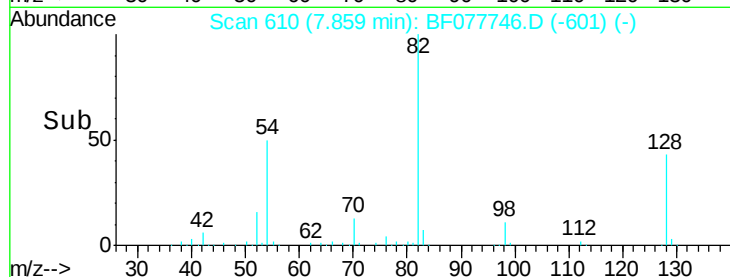
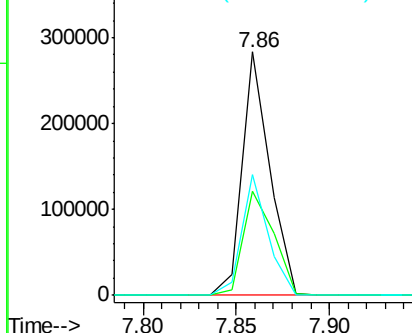
#23
Nitrobenzene-d5
Concen: 79.06 ng
RT: 7.86 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF077746.D
Acq: 13 Mar 2015 18:17

Instrument :
BNA_F
ClientSampleId :
GW1

Tgt Ion: 82 Resp: 292149
Ion Ratio Lower Upper
82 100
128 42.8 32.8 49.2
54 49.5 40.6 60.8

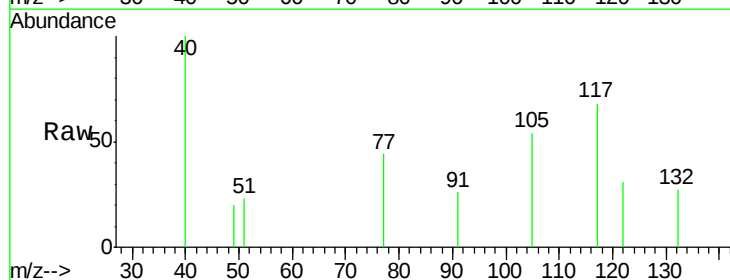


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

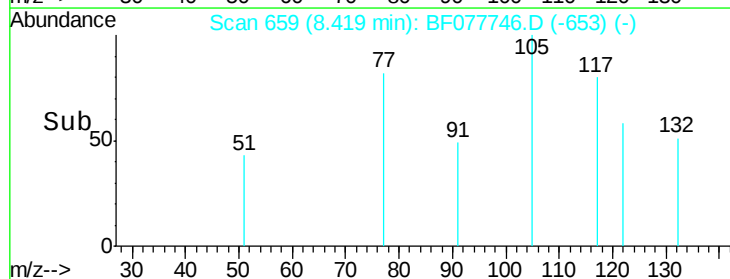
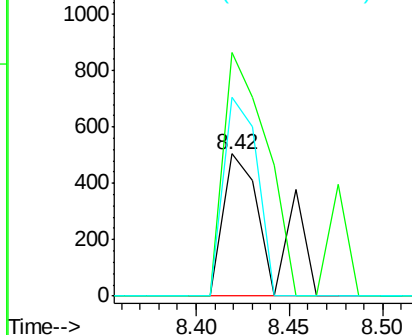


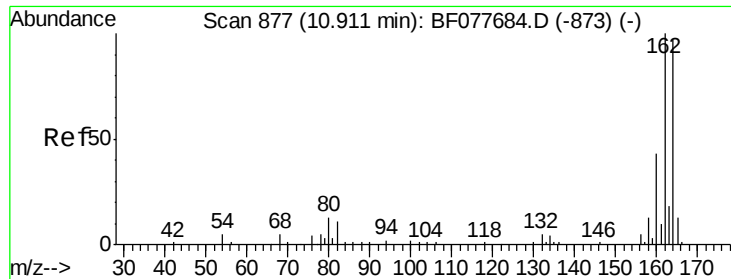
#32
Benzoic acid
Concen: 3.51 ng
RT: 8.42 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF077746.D
Acq: 13 Mar 2015 18:17

Tgt Ion: 122 Resp: 887
Ion Ratio Lower Upper
122 100
105 171.4 99.9 139.9#
77 139.9 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

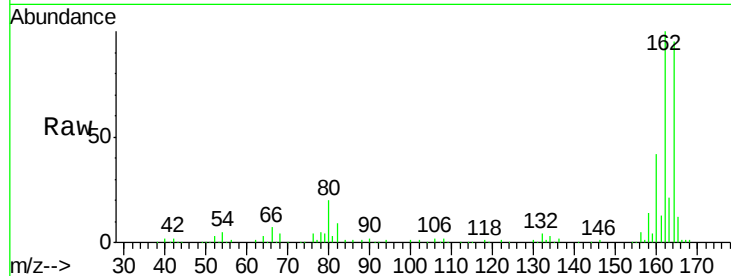




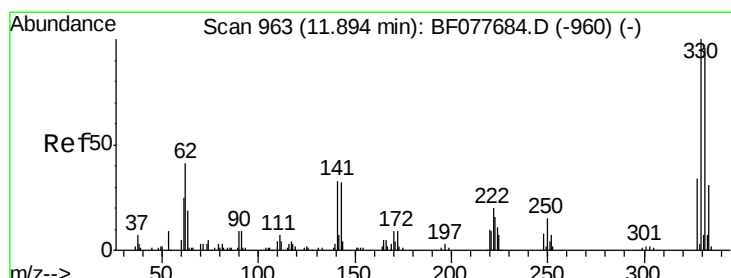
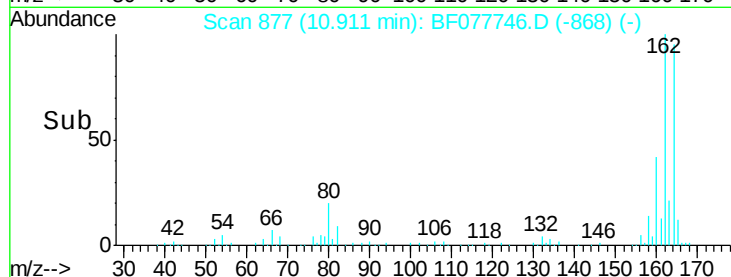
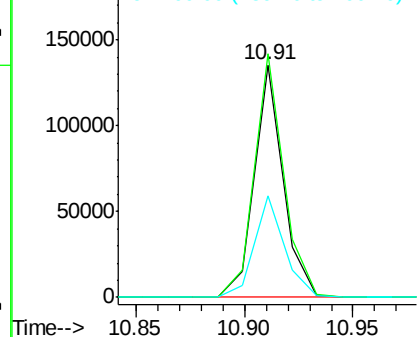
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF077746.D
Acq: 13 Mar 2015 18:17

Instrument :
BNA_F
ClientSampleId :
GW1

Tgt Ion:164 Resp: 124147
Ion Ratio Lower Upper
164 100
162 104.8 82.4 123.6
160 43.9 35.8 53.6

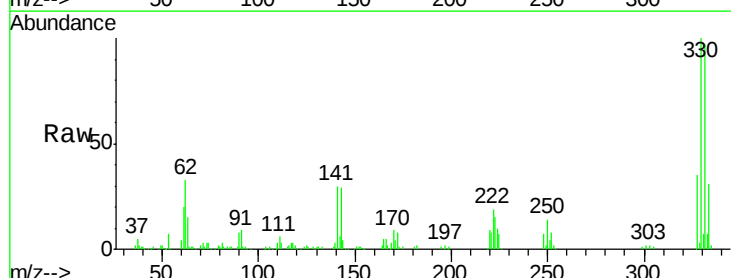


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

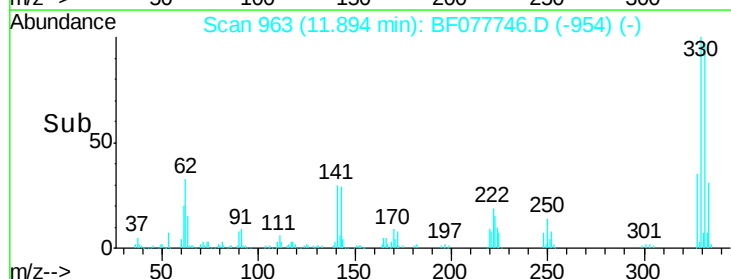
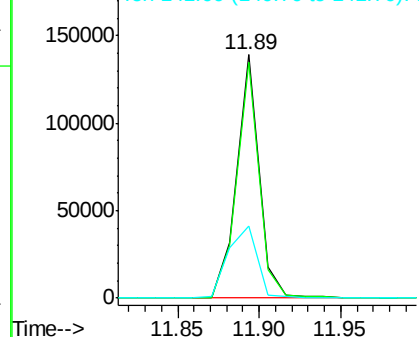


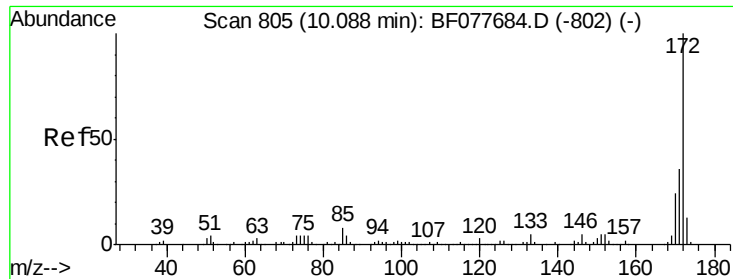
#41
2,4,6-Tribromophenol
Concen: 111.05 ng
RT: 11.89 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF077746.D
Acq: 13 Mar 2015 18:17

Tgt Ion:330 Resp: 131908
Ion Ratio Lower Upper
330 100
332 96.4 0.0 0.0#
141 38.4 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

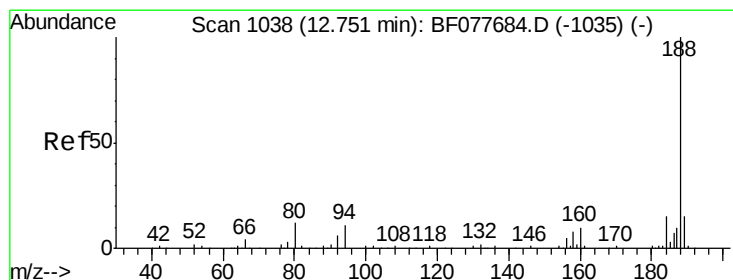
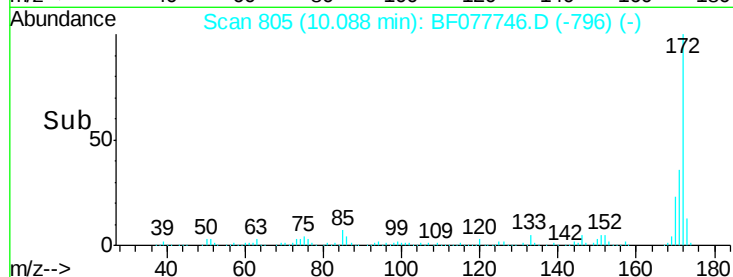
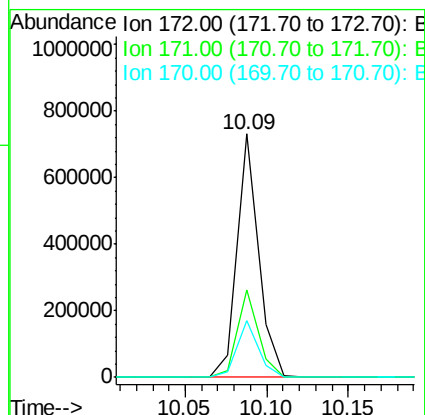
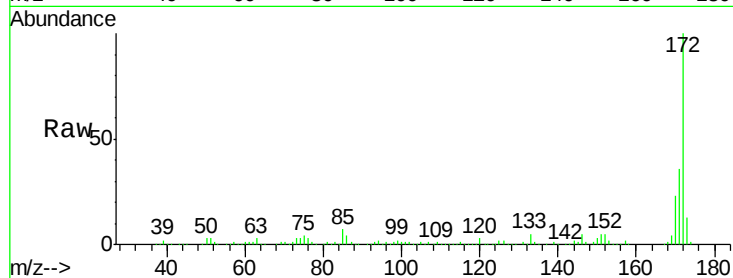




#44
 2-Fluorobiphenyl
 Concen: 78.33 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077746.D
 Acq: 13 Mar 2015 18:17

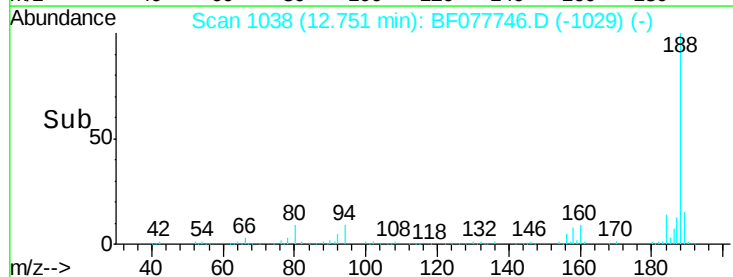
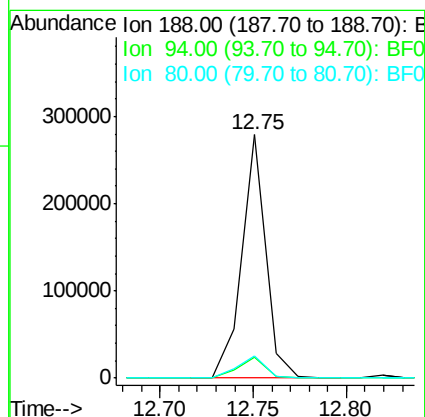
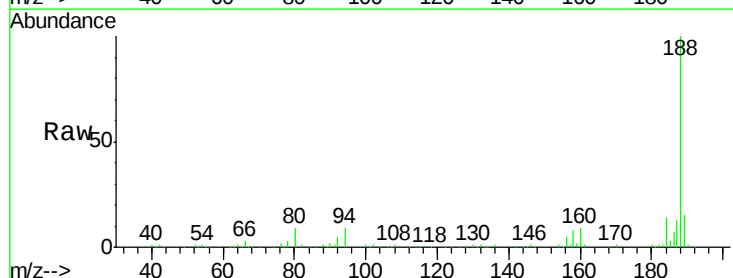
Instrument :
 BNA_F
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 GW1

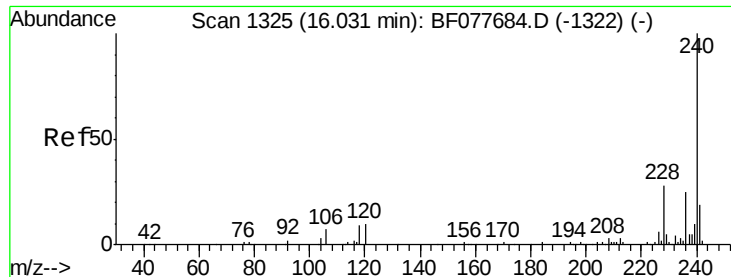
Tgt Ion:172 Resp: 661699
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 23.4 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.75 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF077746.D
 Acq: 13 Mar 2015 18:17

Tgt Ion:188 Resp: 251367
 Ion Ratio Lower Upper
 188 100
 94 8.6 8.7 13.1#
 80 9.2 9.3 13.9#

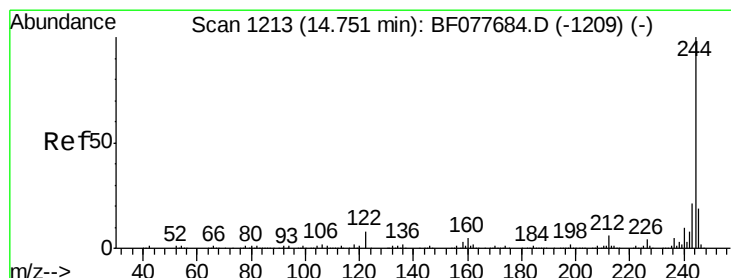
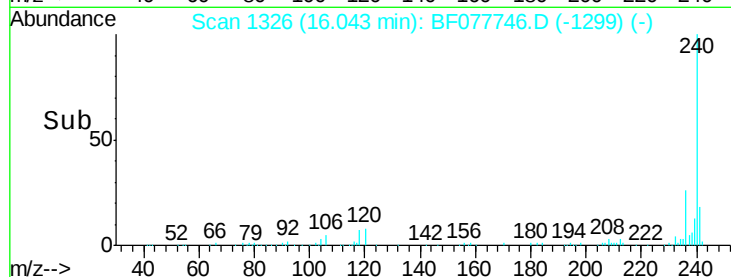
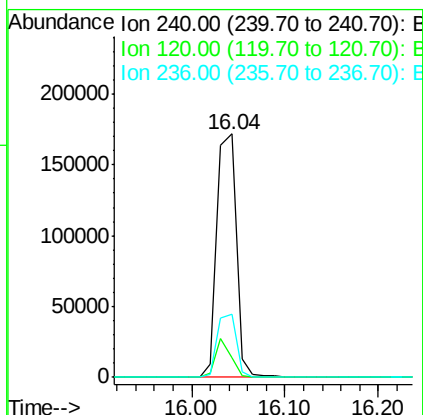
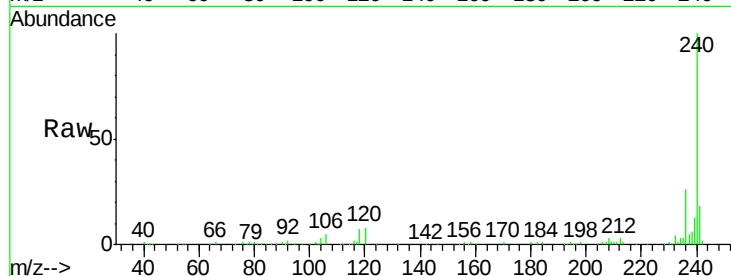




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.04 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF077746.D
Acq: 13 Mar 2015 18:17

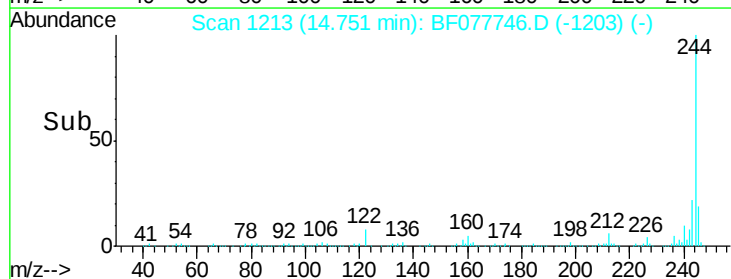
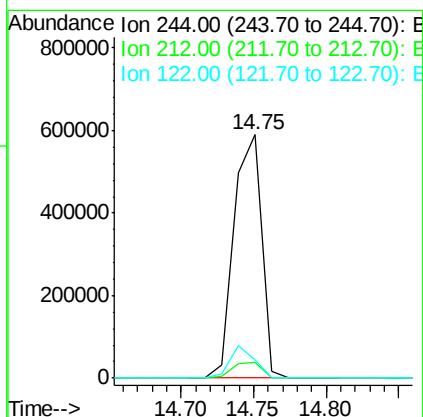
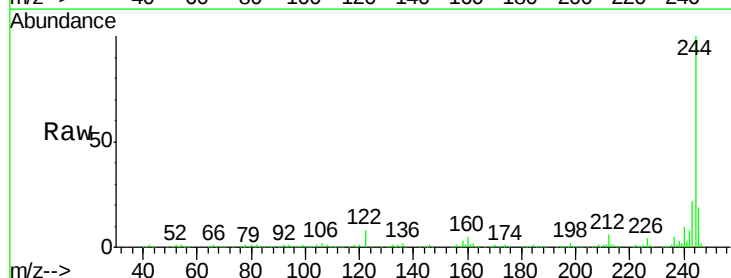
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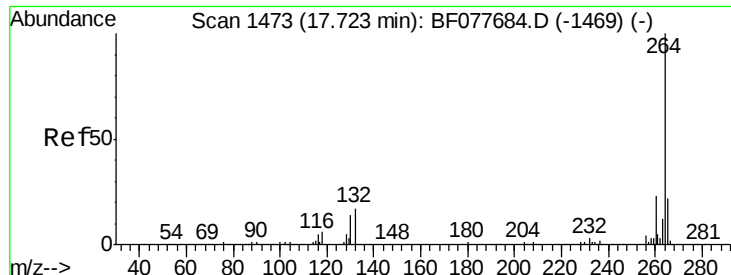
Tgt Ion:240 Resp: 249675
Ion Ratio Lower Upper
240 100
120 8.3 8.2 12.2
236 25.7 20.0 30.0



#78
Terphenyl-d14
Concen: 76.60 ng
RT: 14.75 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BF077746.D
Acq: 13 Mar 2015 18:17

Tgt Ion:244 Resp: 782979
Ion Ratio Lower Upper
244 100
212 6.4 4.9 7.3
122 7.7 6.2 9.4

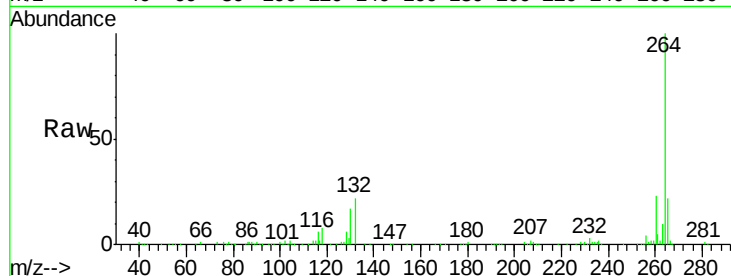




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.81 min Scan# 1481
Delta R.T. 0.02 min
Lab File: BF077746.D
Acq: 13 Mar 2015 18:17

Instrument :
BNA_F
ClientSampleId :
GW1

Tgt Ion:264 Resp: 239232
Ion Ratio Lower Upper
264 100
260 23.3 18.6 27.8
265 21.7 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

