

Data Path : Z:\HPCHEM1\BNA F\Data\BF012215\
 Data File : BF077034.D
 Acq On : 23 Jan 2015 6:17
 Operator : TP/IZ
 Sample : G1149-03
 Misc : S
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 07:09:46 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 23 03:40:26 2015
 Response via : Initial Calibration

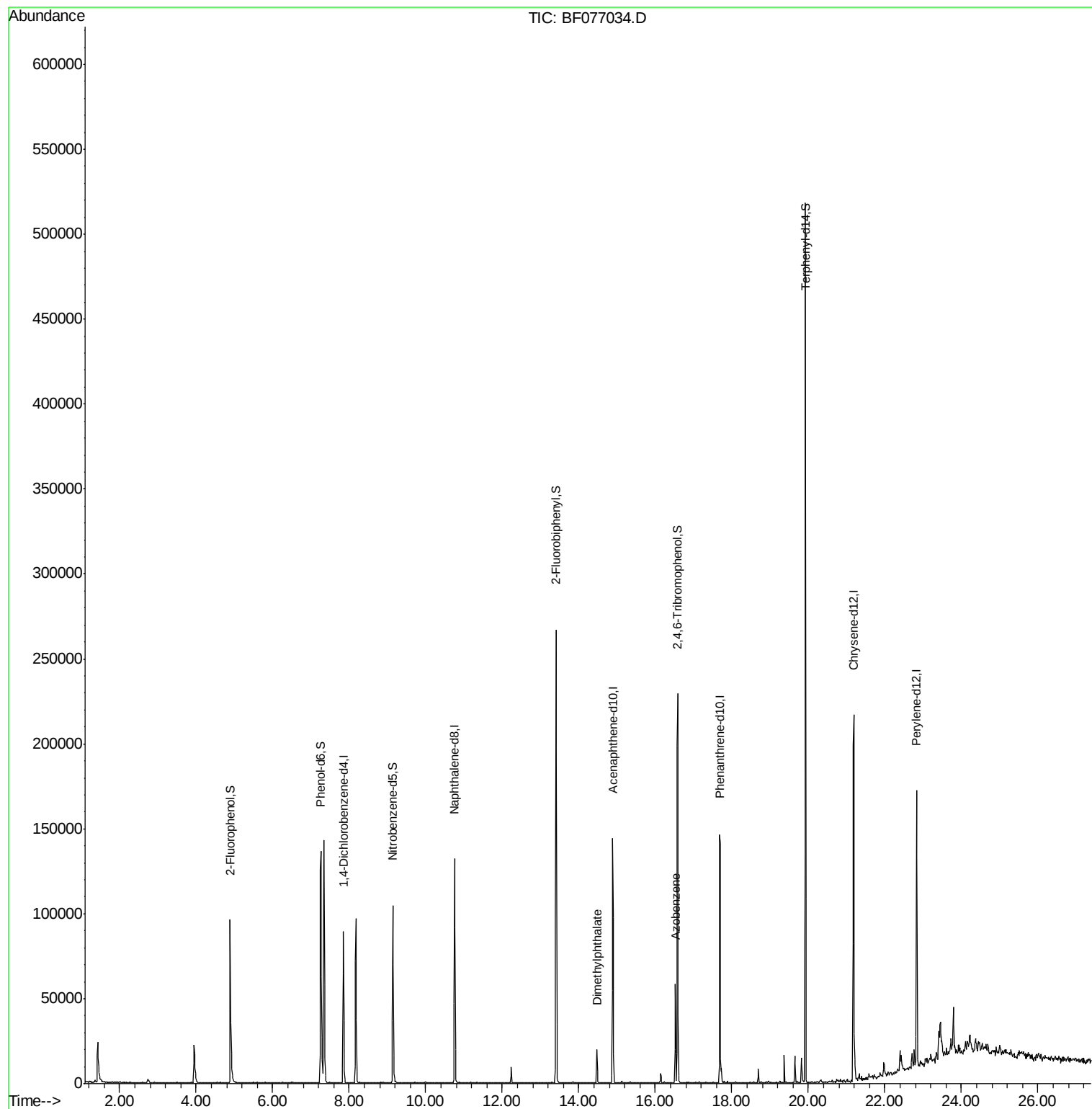
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	25071	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	103644	20.00	ng	-0.01
38) Acenaphthene-d10	14.88	164	56466	20.00	ng	-0.01
63) Phenanthrene-d10	17.69	188	90920	20.00	ng	0.00
75) Chrysene-d12	21.19	240	88612	20.00	ng	0.00
86) Perylene-d12	22.83	264	82623	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	58010	38.04	ng	0.00
7) Phenol-d6	7.26	99	102005	53.03	ng	0.00
23) Nitrobenzene-d5	9.14	82	56361	30.13	ng	-0.01
41) 2,4,6-Tribromophenol	16.59	330	36171	78.92	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	148899	40.13	ng	-0.01
78) Terphenyl-d14	19.92	244	180784	46.97	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.48	163	18184	4.54	ng	# 97
62) Azobenzene	16.53	77	15033	3.57	ng	# 1

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

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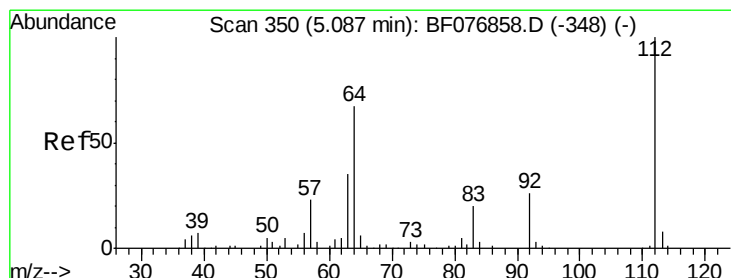
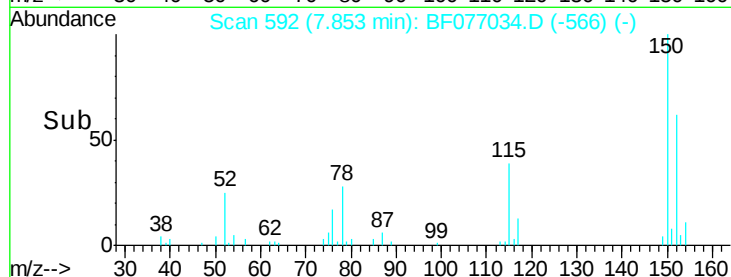
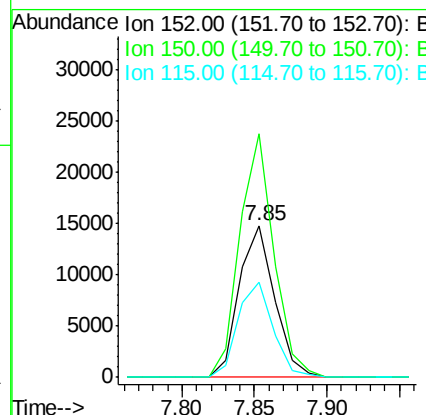
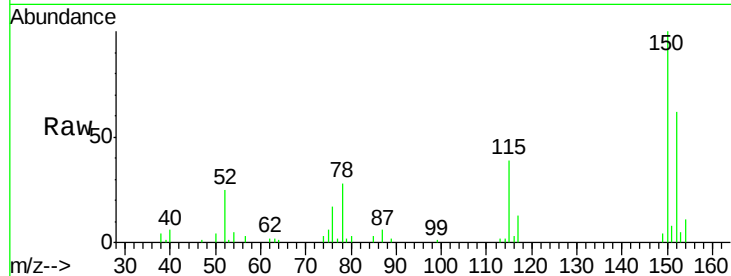


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF077034.D
Acq: 23 Jan 2015 6:17

Instrument :
BNA_F
ClientSampleId :

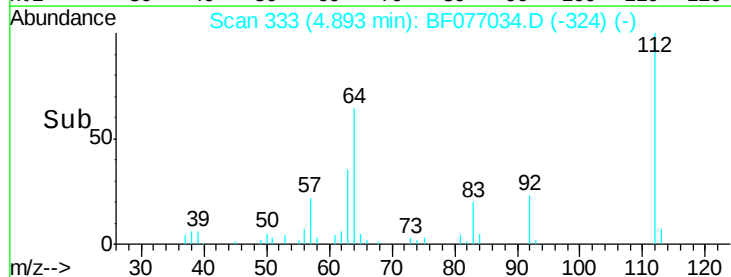
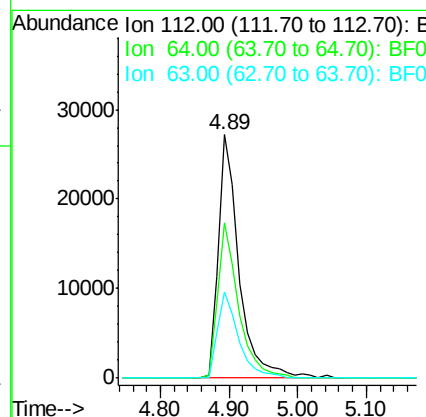
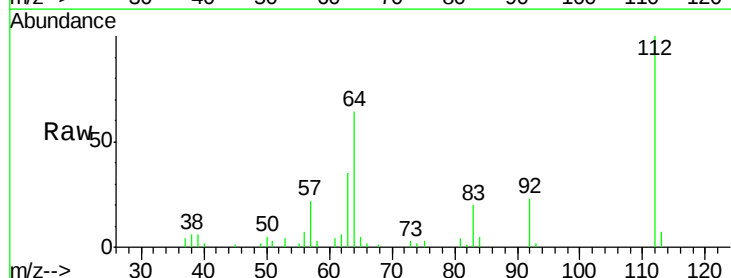
Tot Ion:152 Resp: 25071
Ion Ratio Lower Upper
152 100
150 160.4 121.7 182.5
115 62.3 47.0 70.6

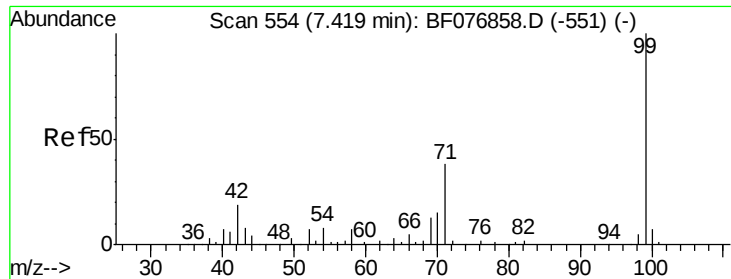


#5

2-Fluorophenol
Concen: 38.04 ng
RT: 4.89 min Scan# 333
Delta R.T. -0.00 min
Lab File: BF077034.D
Acq: 23 Jan 2015 6:17

Tgt Ion:112 Resp: 58010
Ion Ratio Lower Upper
112 100
64 63.9 54.2 81.4
63 35.4 28.4 42.6





#7

Phenol-d6

Concen: 53.03 ng

RT: 7.26 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF077034.D

Acq: 23 Jan 2015 6:17

Instrument :

BNA_F

ClientSampleId :

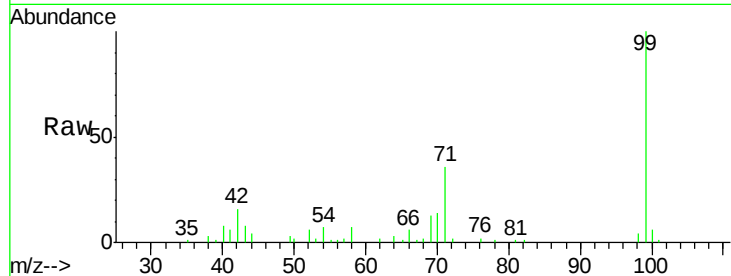
Tot Ion: 99 Resp: 102005

Ion Ratio Lower Upper

99 100

42 16.2 15.0 22.4

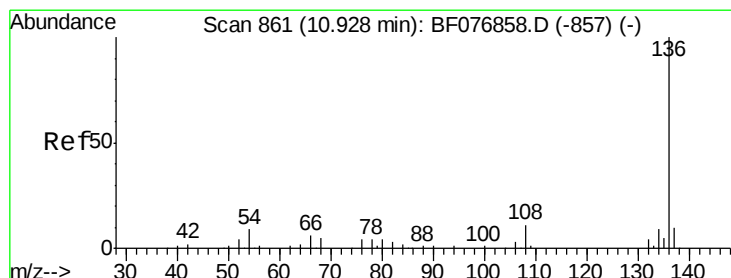
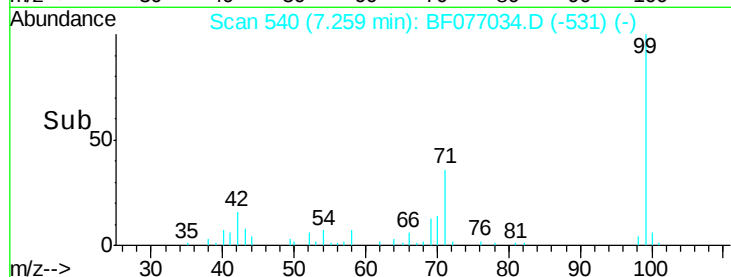
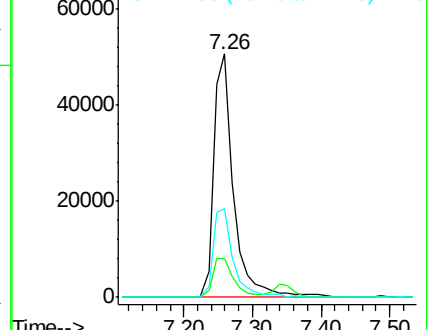
71 36.3 30.5 45.7



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: 10.76 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF077034.D

Acq: 23 Jan 2015 6:17

Tgt Ion: 136 Resp: 103644

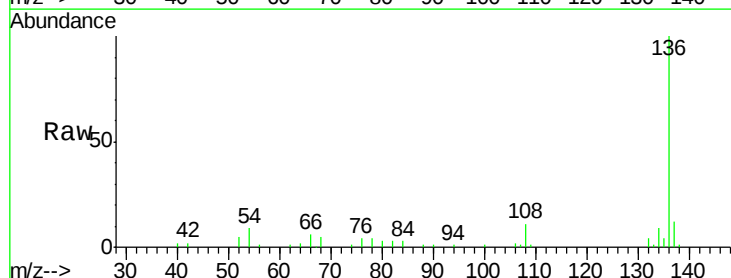
Ion Ratio Lower Upper

136 100

137 11.7 8.1 12.1

54 8.7 7.0 10.4

68 4.6 3.7 5.5

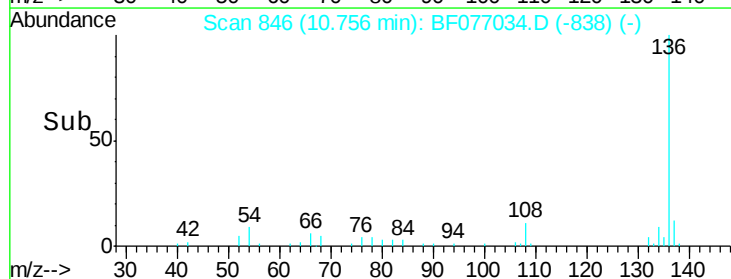
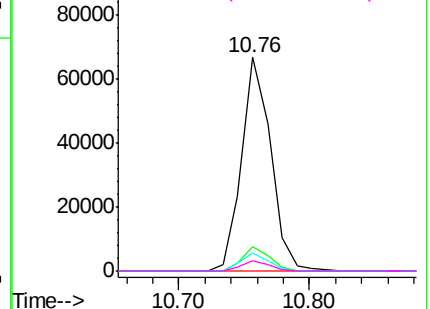


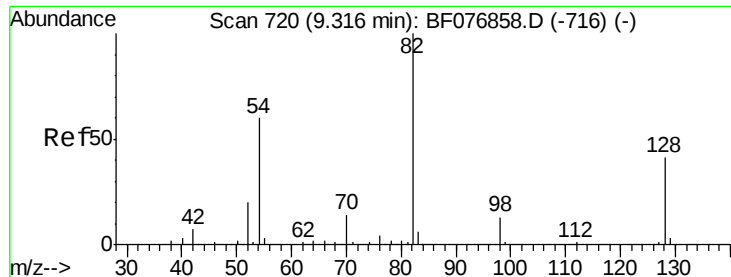
Abundance Ion 136.00 (135.70 to 136.70): E

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

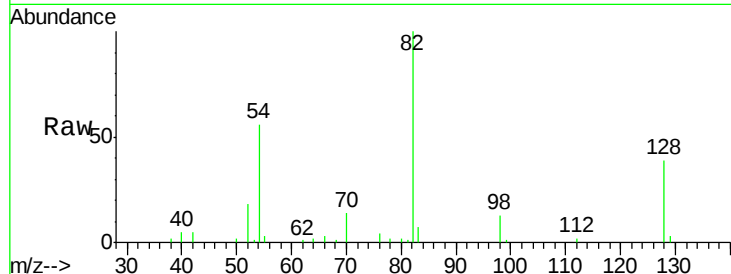




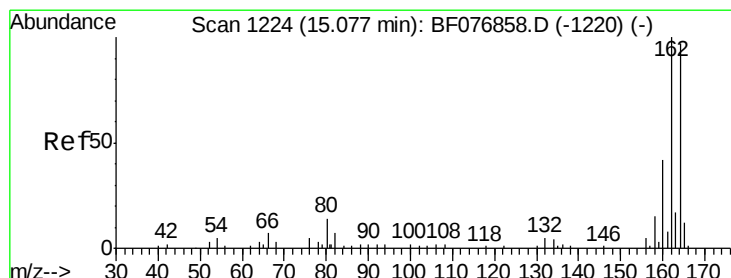
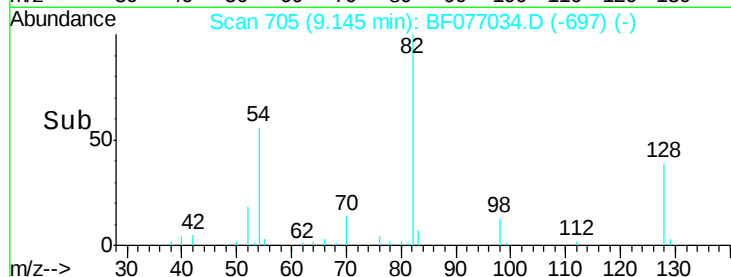
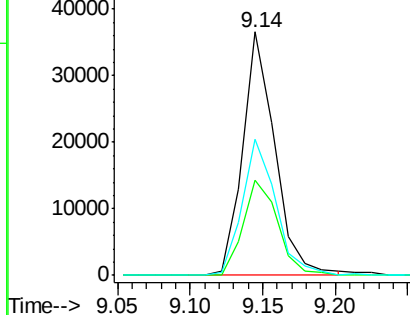
#23
 Nitrobenzene-d5
 Concen: 30.13 ng
 RT: 9.14 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF077034.D
 Acq: 23 Jan 2015 6:17

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	82	Resp	56361
Ion Ratio	Lower	Upper	
82	100		
128	38.8	33.1	49.7
54	55.8	48.3	72.5

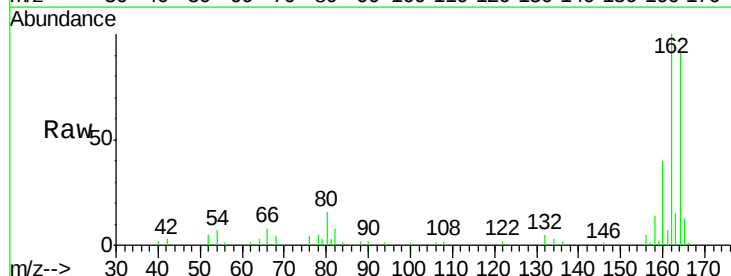


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

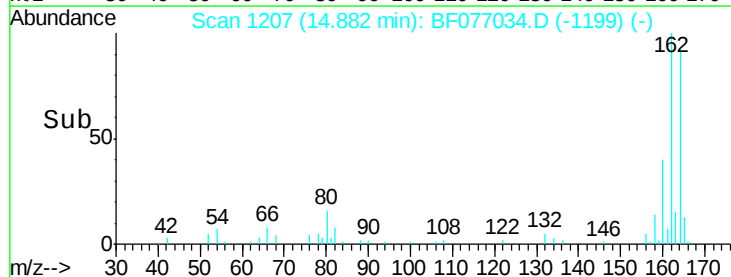
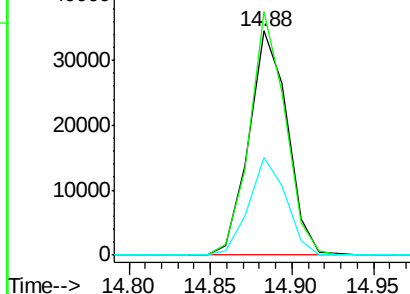


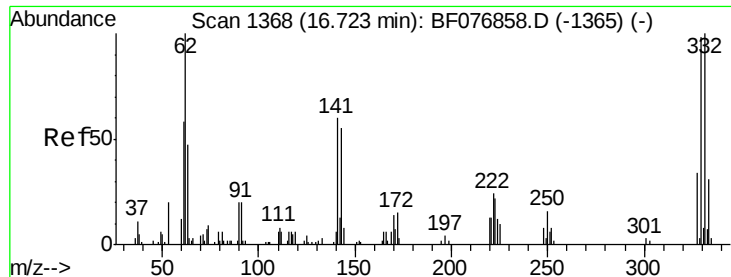
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF077034.D
 Acq: 23 Jan 2015 6:17

Tgt Ion	164	Resp	56466
Ion Ratio	Lower	Upper	
164	100		
162	108.8	82.4	123.6
160	43.6	34.8	52.2



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

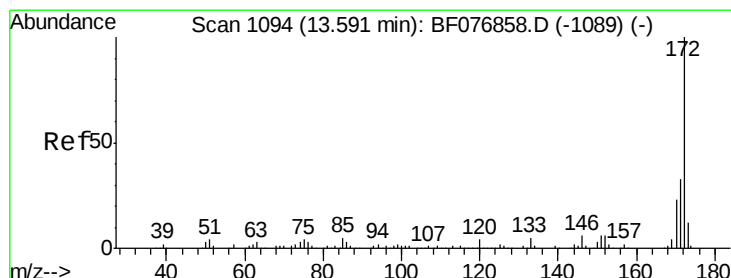
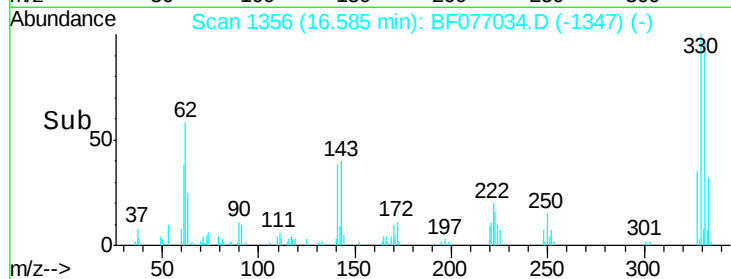
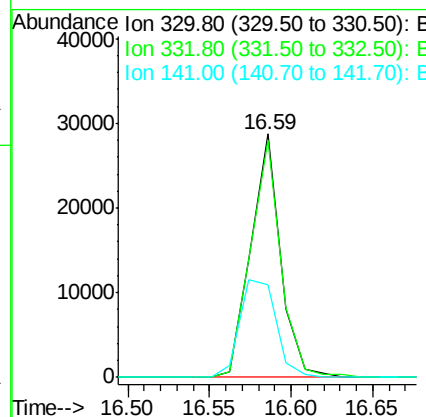
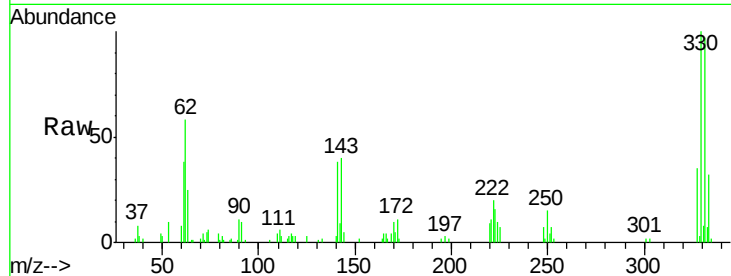




#41
 2,4,6-Tribromophenol
 Concen: 78.92 ng
 RT: 16.59 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: BF077034.D
 Acq: 23 Jan 2015 6:17

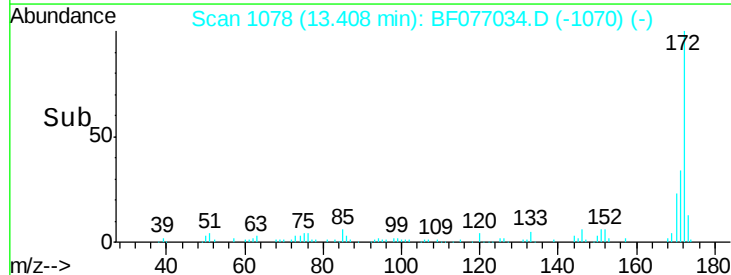
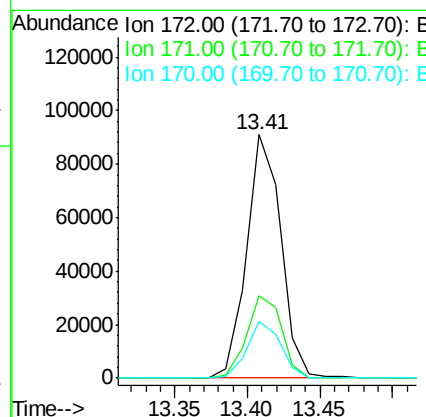
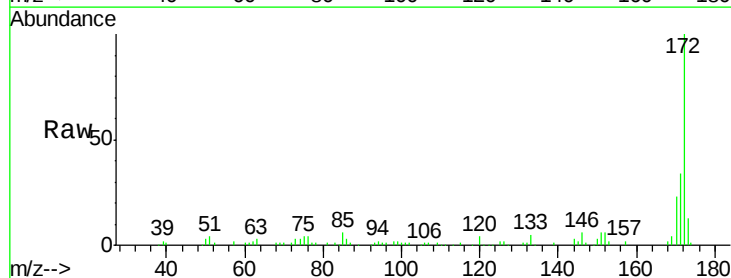
Instrument :
 BNA_F
 ClientSampleId :

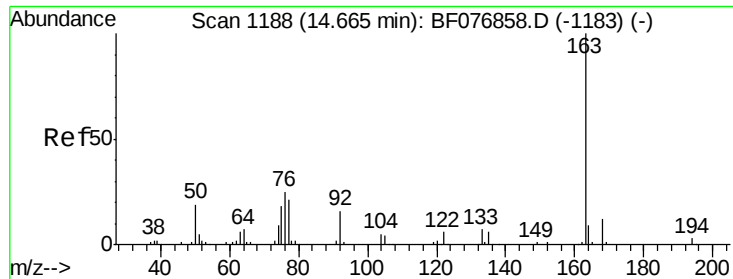
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.4	77.8	116.6
141	49.3	38.5	57.7



#44
 2-Fluorobiphenyl
 Concen: 40.13 ng
 RT: 13.41 min Scan# 1078
 Delta R.T. -0.01 min
 Lab File: BF077034.D
 Acq: 23 Jan 2015 6:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.6	26.6	40.0
170	23.4	18.0	27.0

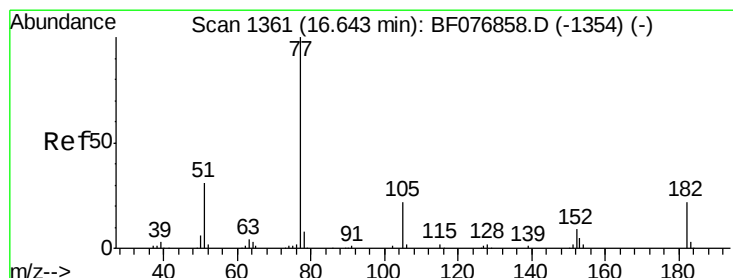
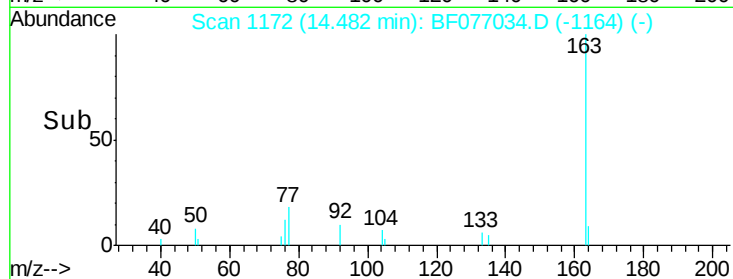
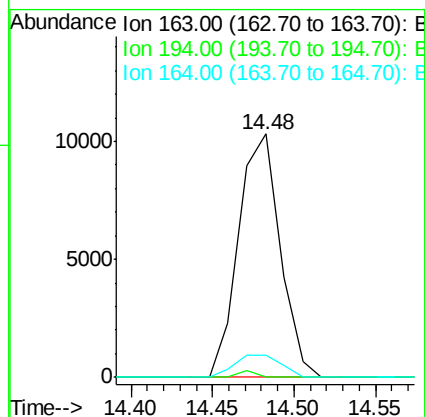
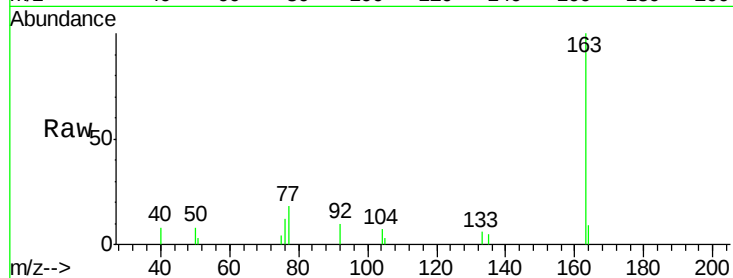




#49
Dimethylphthalate
Concen: 4.54 ng
RT: 14.48 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF077034.D
Acq: 23 Jan 2015 6:17

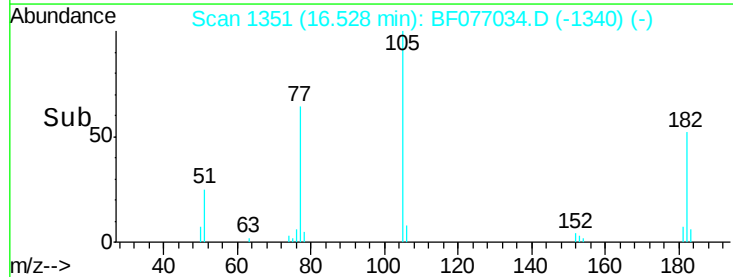
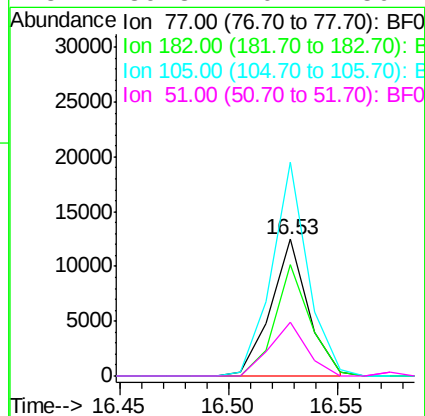
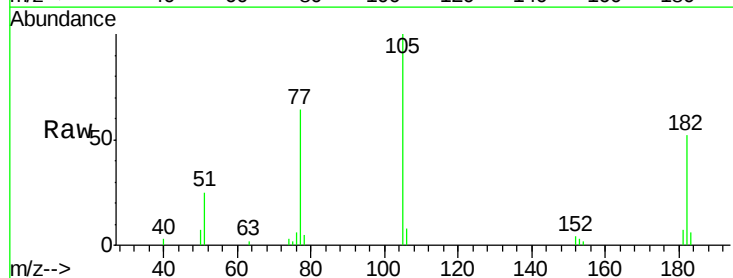
Instrument :
BNA_F
ClientSampled :

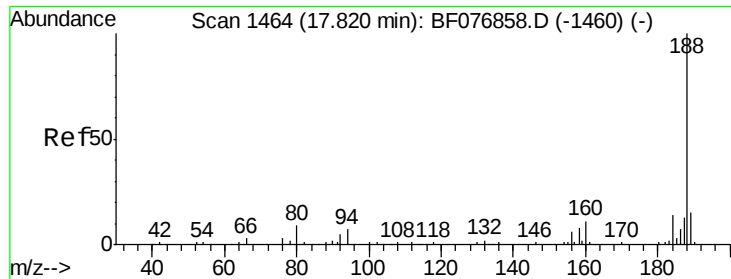
Tot Ion:163 Resp: 18184
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 9.1 7.5 11.3



#62
Azobenzene
Concen: 3.57 ng
RT: 16.53 min Scan# 1351
Delta R.T. 0.02 min
Lab File: BF077034.D
Acq: 23 Jan 2015 6:17

Tgt Ion: 77 Resp: 15033
Ion Ratio Lower Upper
77 100
182 81.8 2.0 42.0#
105 156.5 2.3 42.3#
51 39.3 10.7 50.7

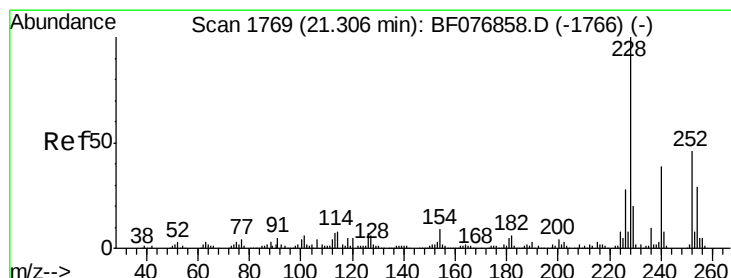
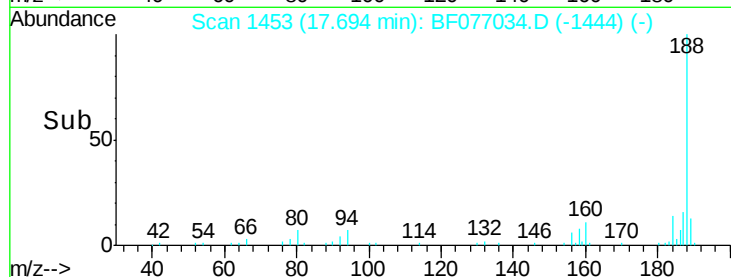
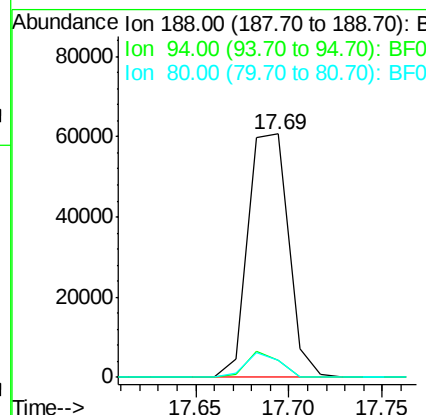
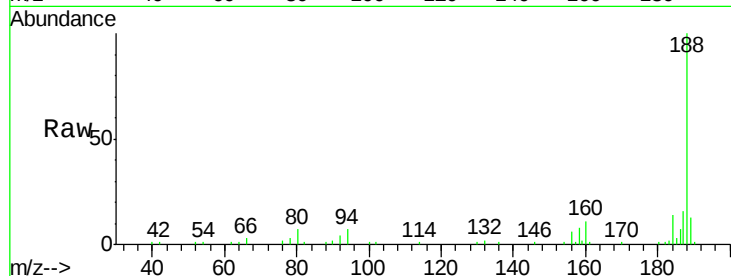




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.69 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF077034.D
 Acq: 23 Jan 2015 6:17

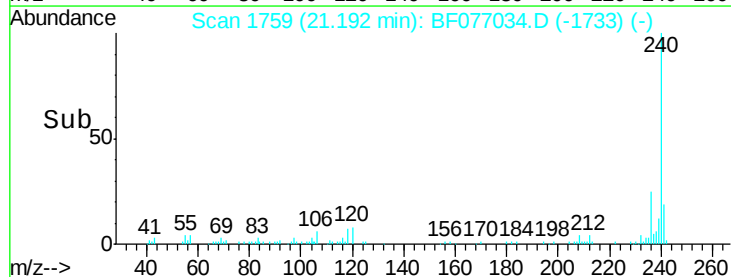
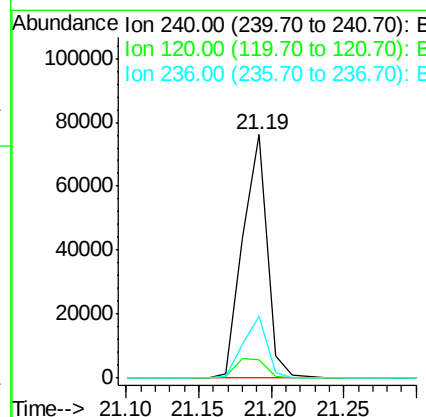
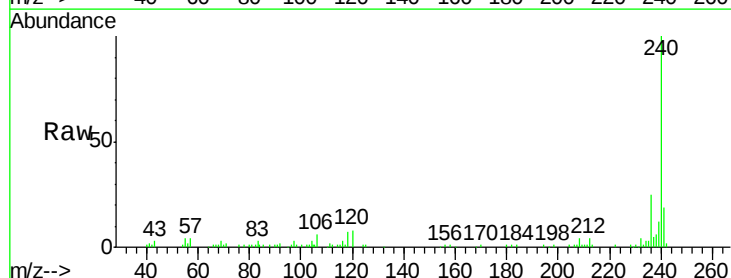
Instrument :
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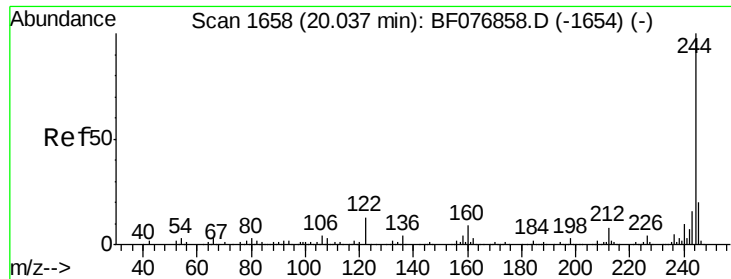
Tot Ion:188 Resp: 90920
 Ion Ratio Lower Upper
 188 100
 94 6.9 6.0 9.0
 80 7.1 6.9 10.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.19 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BF077034.D
 Acq: 23 Jan 2015 6:17

Tgt Ion:240 Resp: 88612
 Ion Ratio Lower Upper
 240 100
 120 7.7 10.4 15.6#
 236 25.2 20.2 30.2

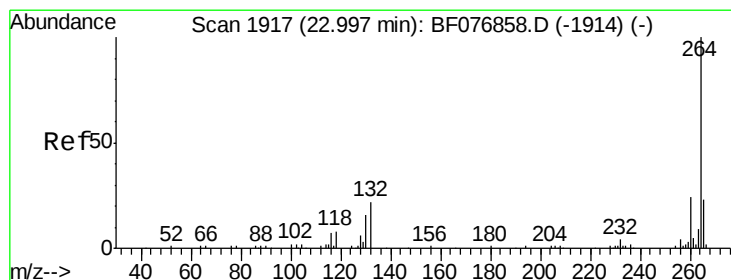
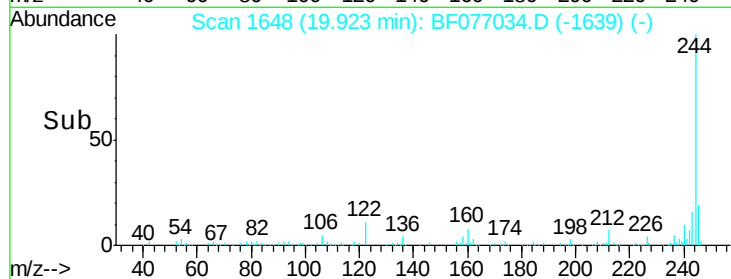
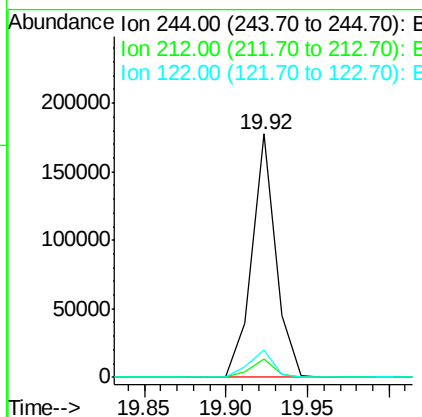
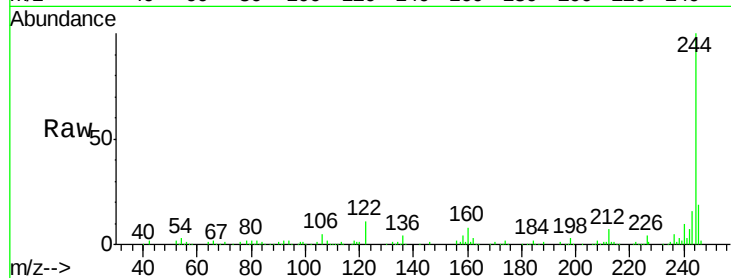




#78
 Terphenyl-d14
 Concen: 46.97 ng
 RT: 19.92 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BF077034.D
 Acq: 23 Jan 2015 6:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 180784
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.3 9.5
 122 11.3 10.1 15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.83 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BF077034.D
 Acq: 23 Jan 2015 6:17

Tgt Ion:264 Resp: 82623
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 21.5 18.1 27.1

