

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
 Data File : BF078064.D
 Acq On : 28 Mar 2015 6:28
 Operator : TP/IZ
 Sample : G1667-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(6.5-7.0)

Quant Time: Mar 28 06:22:59 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 28 05:39:24 2015
 Response via : Initial Calibration

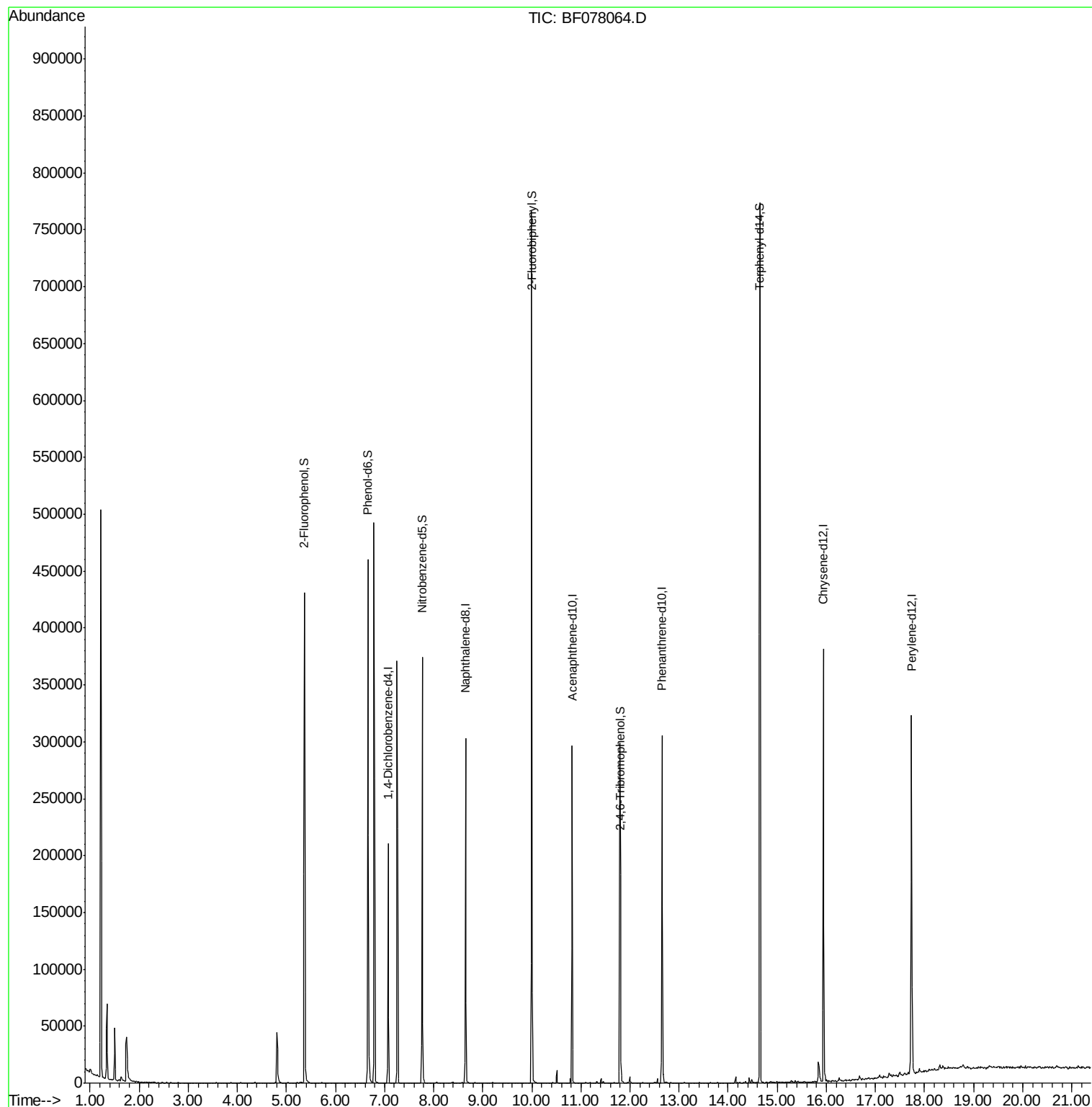
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	34568	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	141375	20.00	ng	0.00
38) Acenaphthene-d10	10.82	164	68525	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	141585	20.00	ng	-0.01
75) Chrysene-d12	15.94	240	155731	20.00	ng	0.01
86) Perylene-d12	17.73	264	155084	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	154209	77.87	ng	0.00
7) Phenol-d6	6.66	99	196688	80.39	ng	-0.01
23) Nitrobenzene-d5	7.77	82	114483	53.08	ng	-0.01
41) 2,4,6-Tribromophenol	11.80	330	44530	67.92	ng	0.00
44) 2-Fluorobiphenyl	10.00	172	241281	51.75	ng	0.00
78) Terphenyl-d14	14.65	244	309989	48.62	ng	0.00
Target Compounds						
76) Benzidine	14.35	184	1249	Below Cal	Qvalue #	68

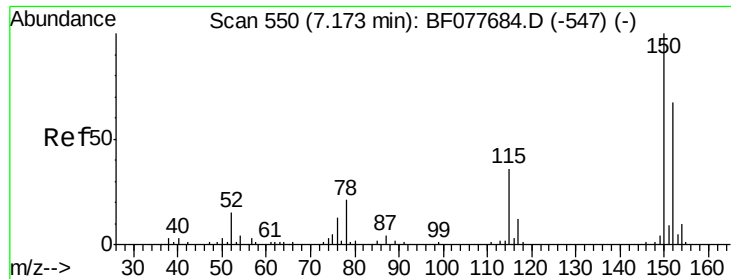
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.07 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF078064.D

Acq: 28 Mar 2015 6:28

Instrument :

BNA_F

ClientSampleId :

REC-7-1-1(6.5-7.0)

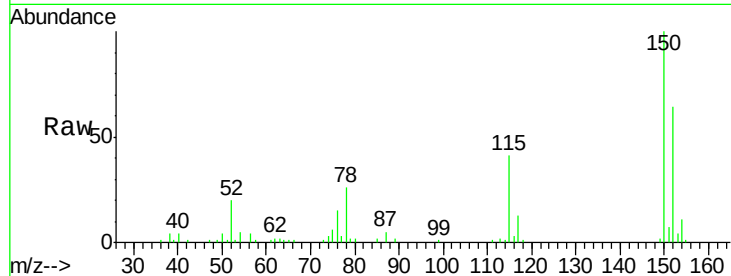
Tgt Ion:152 Resp: 34568

Ion Ratio Lower Upper

152 100

150 155.2 119.5 179.3

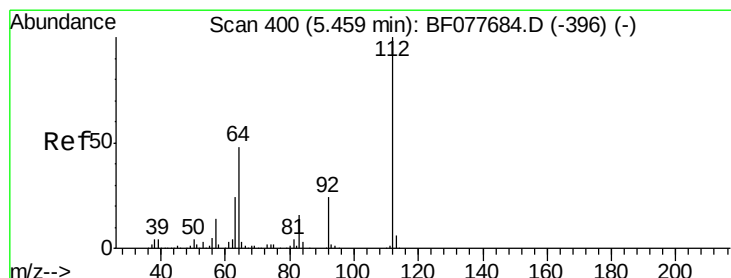
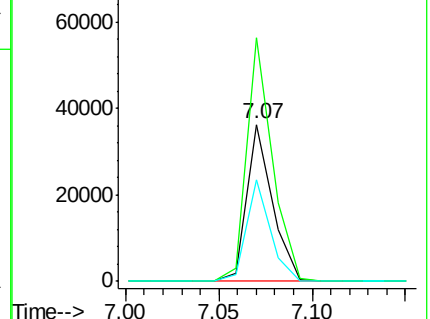
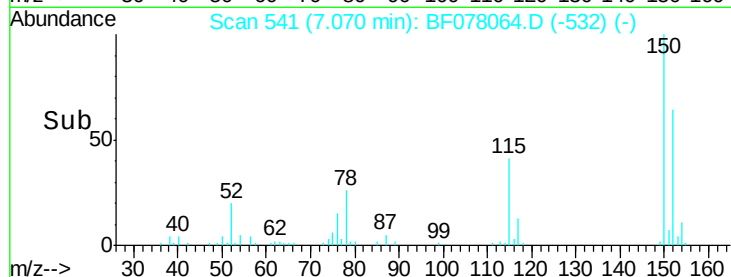
115 64.3 43.0 64.4



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: 77.87 ng

RT: 5.37 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF078064.D

Acq: 28 Mar 2015 6:28

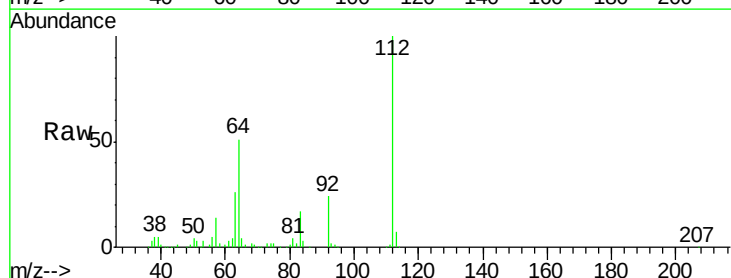
Tgt Ion:112 Resp: 154209

Ion Ratio Lower Upper

112 100

64 51.3 38.6 57.8

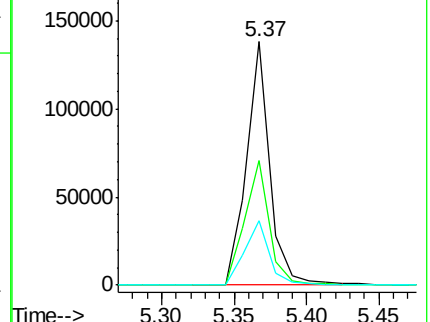
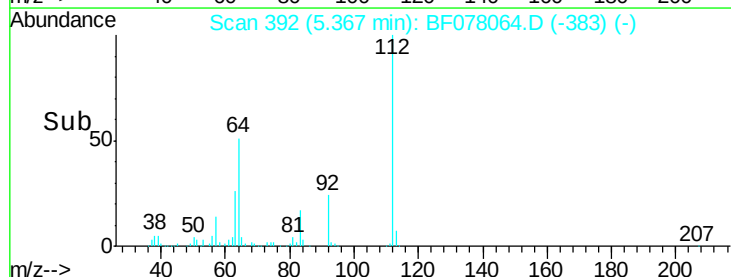
63 26.3 19.3 28.9

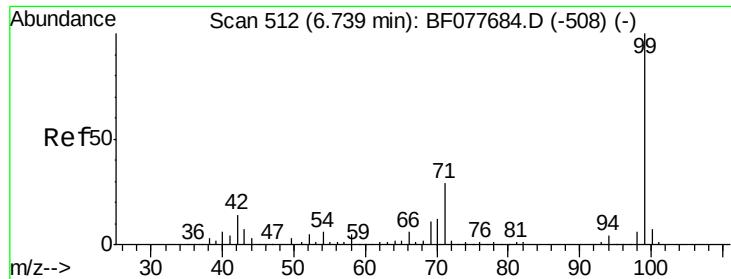


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 80.39 ng

RT: 6.66 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF078064.D

Acq: 28 Mar 2015 6:28

Instrument :

BNA_F

ClientSampleId :

REC-7-1-1(6.5-7.0)

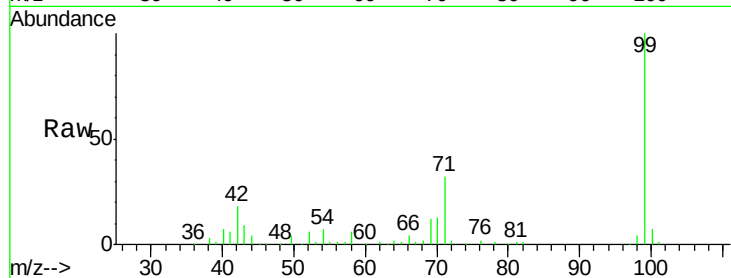
Tgt Ion: 99 Resp: 196688

Ion Ratio Lower Upper

99 100

42 18.0 11.0 16.4#

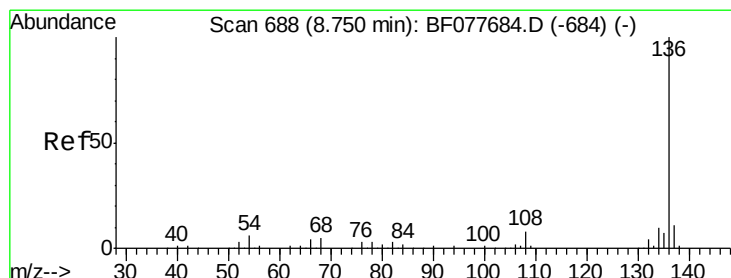
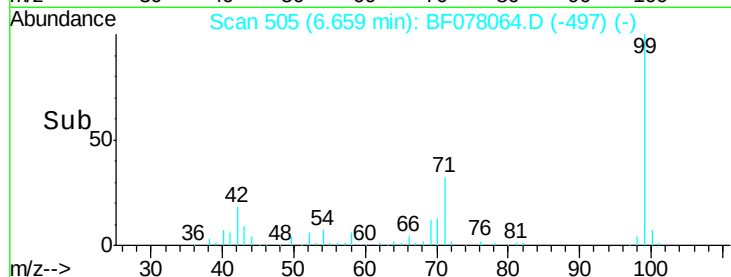
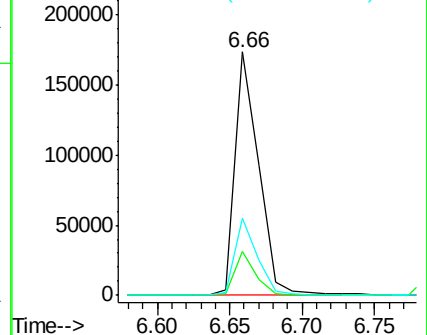
71 31.5 23.4 35.2



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: 8.65 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF078064.D

Acq: 28 Mar 2015 6:28

Tgt Ion: 136 Resp: 141375

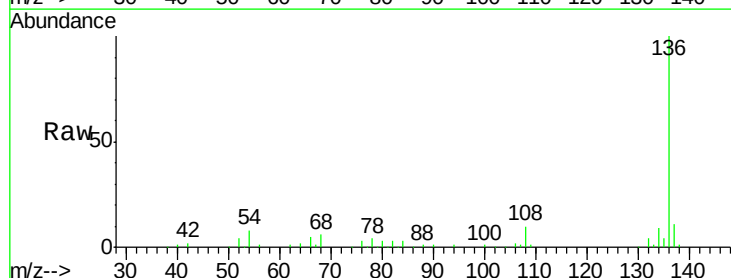
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.8 4.6 6.8#

68 6.2 3.7 5.5#

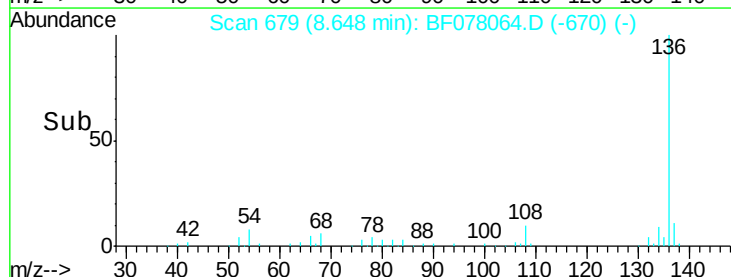
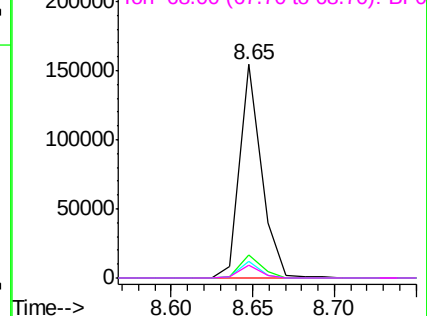


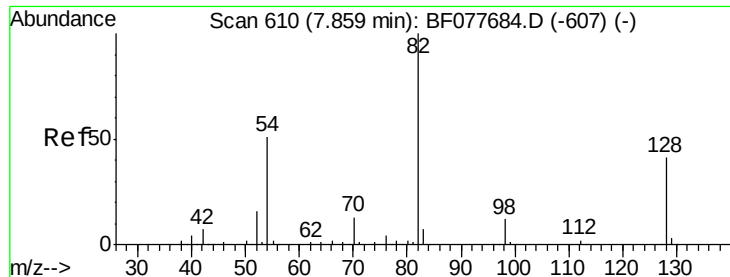
Abundance Ion 136.00 (135.70 to 136.70): E

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

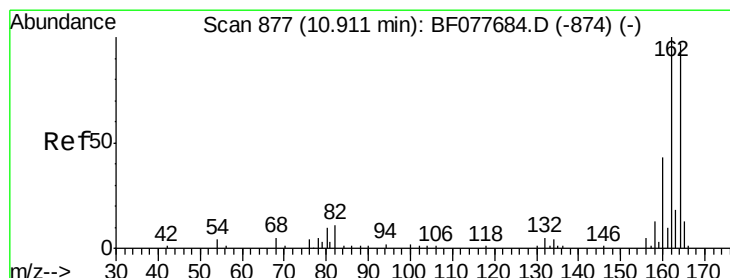
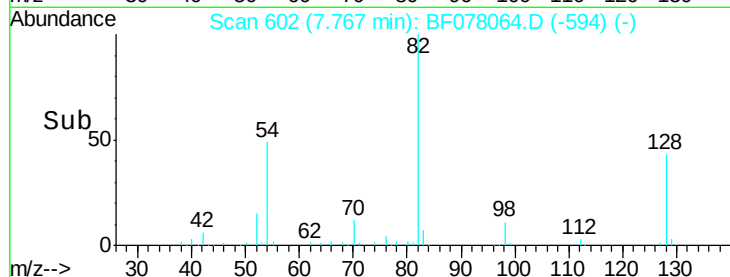
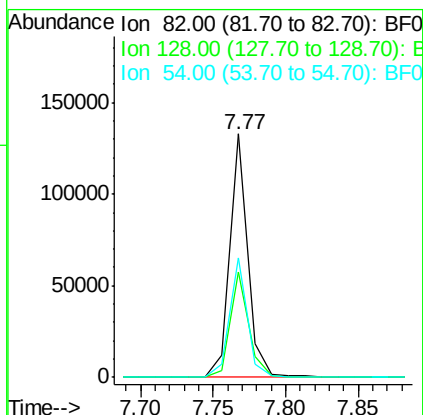
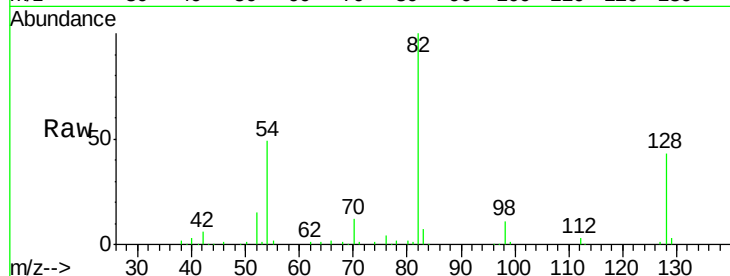




#23
 Nitrobenzene-d5
 Concen: 53.08 ng
 RT: 7.77 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF078064.D
 Acq: 28 Mar 2015 6:28

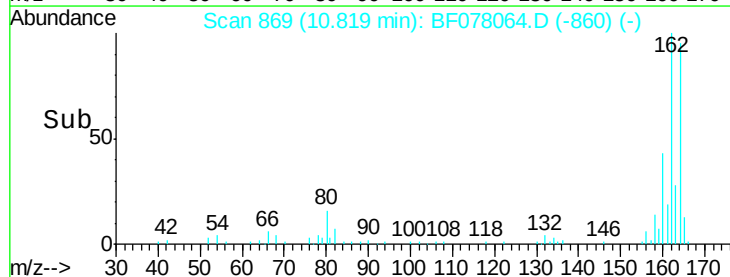
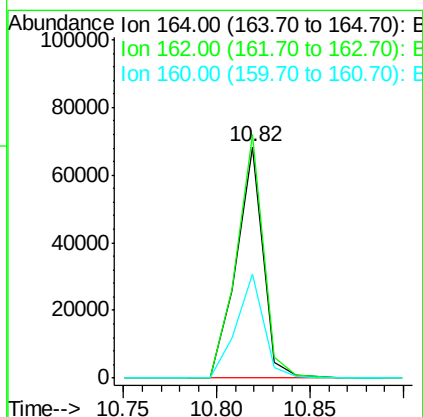
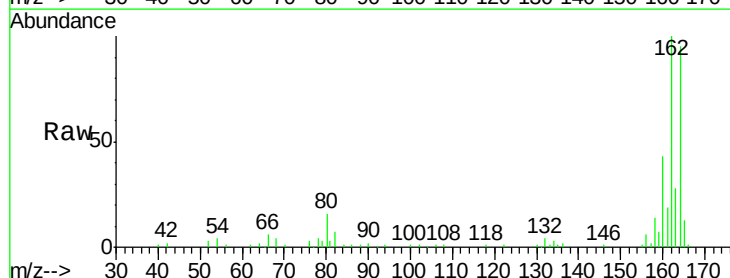
Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(6.5-7.0)

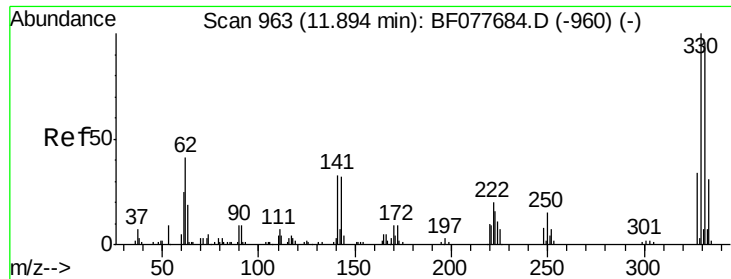
Tgt Ion: 82 Resp: 114483
 Ion Ratio Lower Upper
 82 100
 128 43.3 32.8 49.2
 54 48.8 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.82 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BF078064.D
 Acq: 28 Mar 2015 6:28

Tgt Ion: 164 Resp: 68525
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.4 123.6
 160 44.9 35.8 53.6

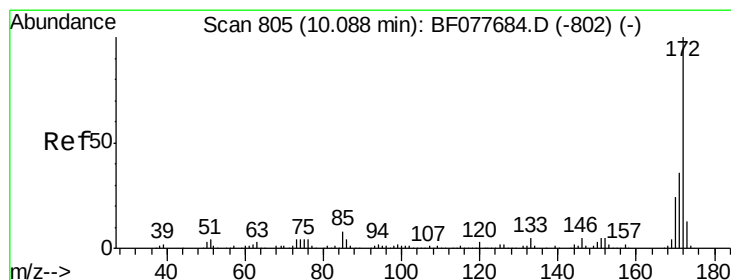
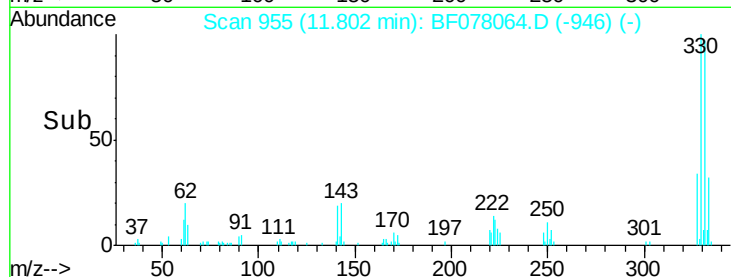
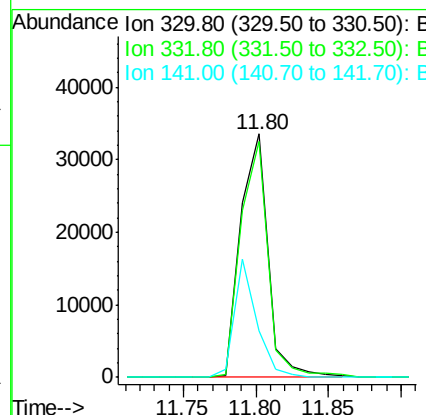
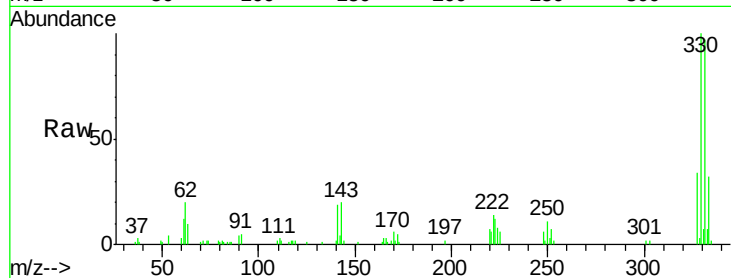




#41
 2,4,6-Tribromophenol
 Concen: 67.92 ng
 RT: 11.80 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF078064.D
 Acq: 28 Mar 2015 6:28

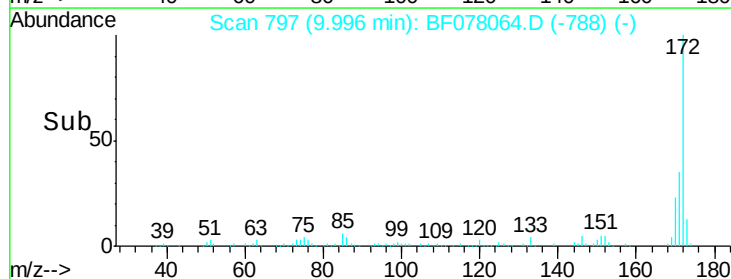
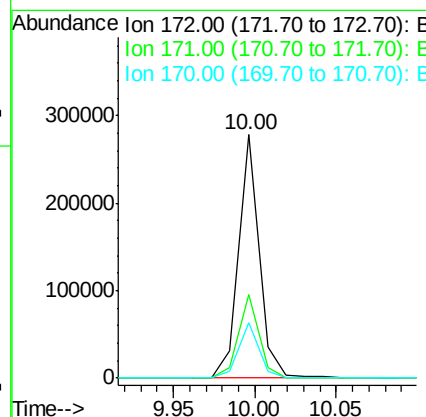
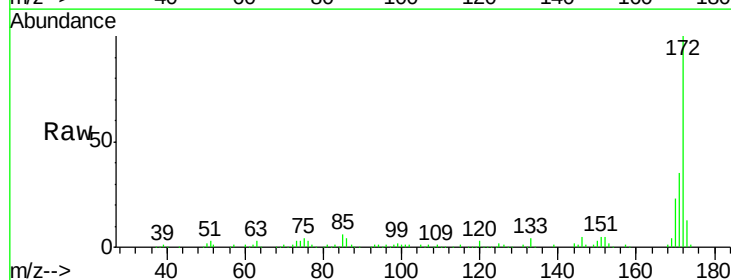
Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(6.5-7.0)

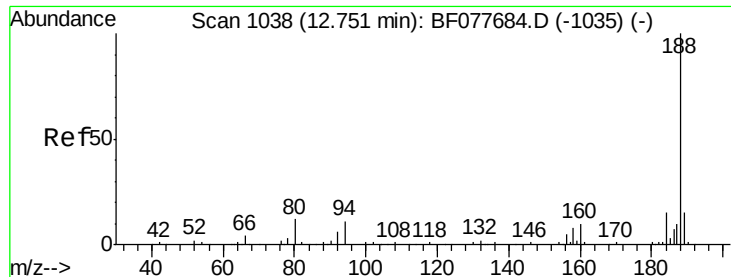
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	38.9	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 51.75 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078064.D
 Acq: 28 Mar 2015 6:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	23.0	18.8	28.2

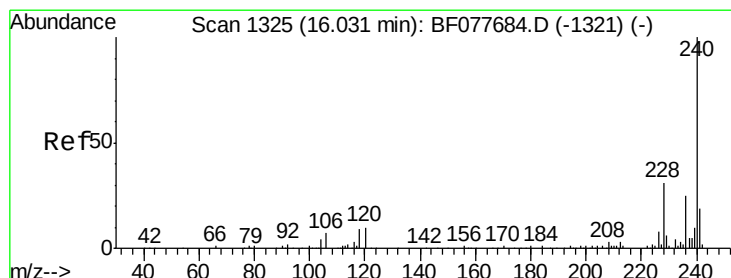
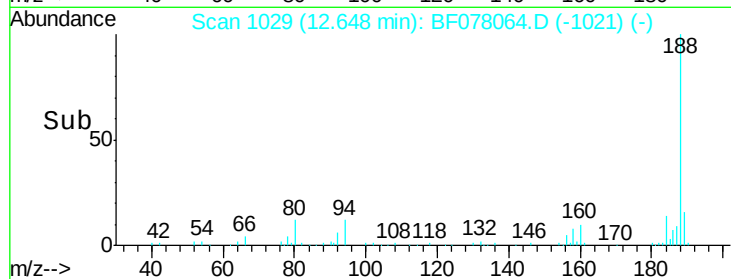
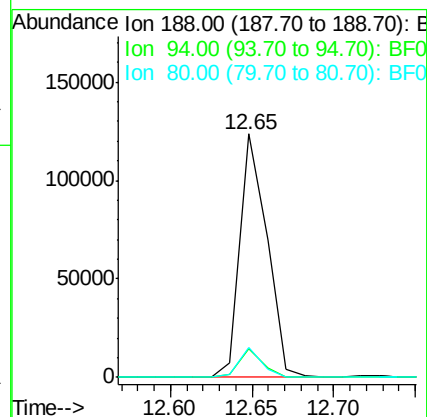
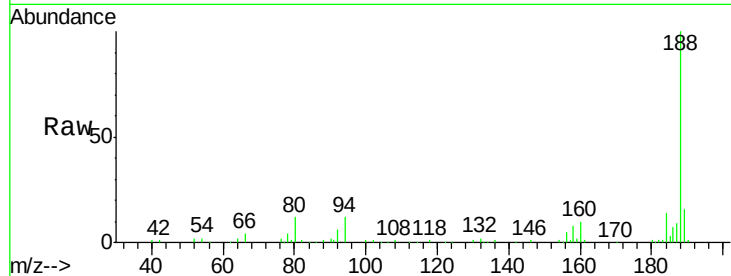




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.65 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF078064.D
Acq: 28 Mar 2015 6:28

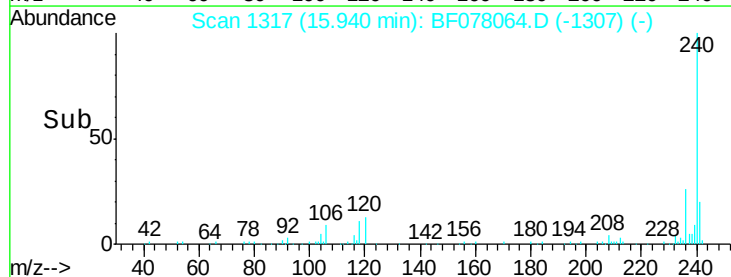
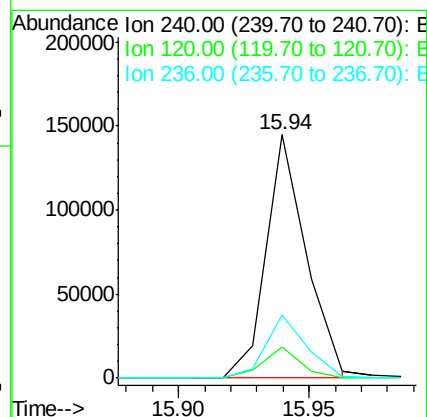
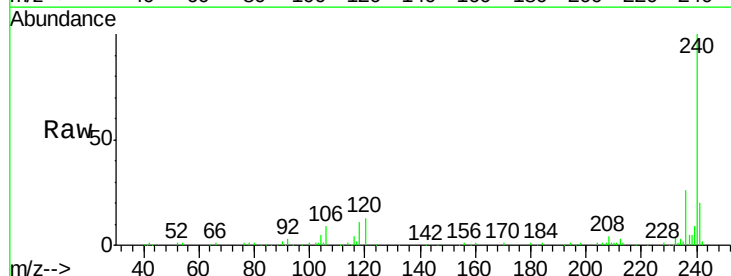
Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(6.5-7.0)

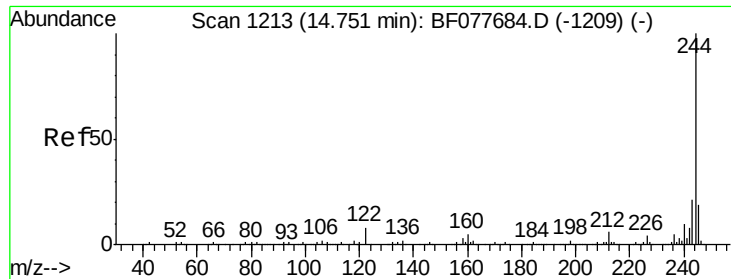
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.7	13.1
80	12.2	9.3	13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.94 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF078064.D
Acq: 28 Mar 2015 6:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	8.2	12.2#
236	25.7	20.0	30.0

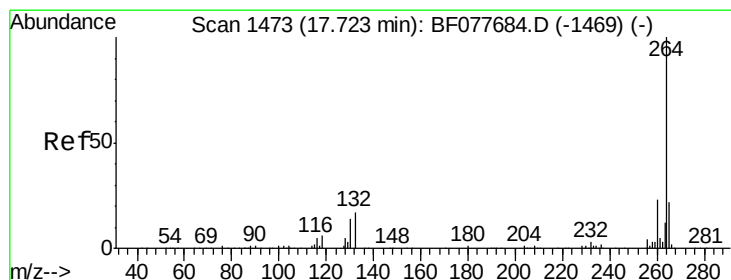
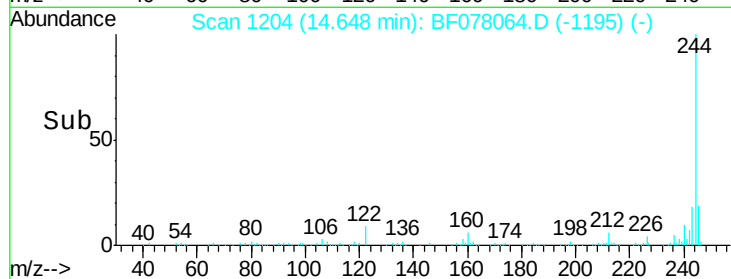
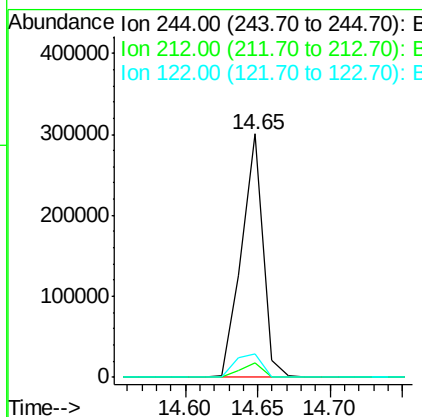
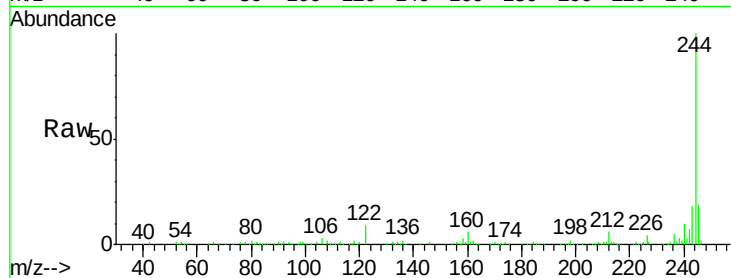




#78
 Terphenyl-d14
 Concen: 48.62 ng
 RT: 14.65 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF078064.D
 Acq: 28 Mar 2015 6:28

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(6.5-7.0)

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



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.73 min Scan# 1474
 Delta R.T. 0.11 min
 Lab File: BF078064.D
 Acq: 28 Mar 2015 6:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	21.2	17.3	25.9

