

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
 Data File : BF078066.D
 Acq On : 28 Mar 2015 7:25
 Operator : TP/IZ
 Sample : G1667-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-03252015

Quant Time: Mar 30 00:13:37 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 30 00:50:20 2015
 Response via : Initial Calibration

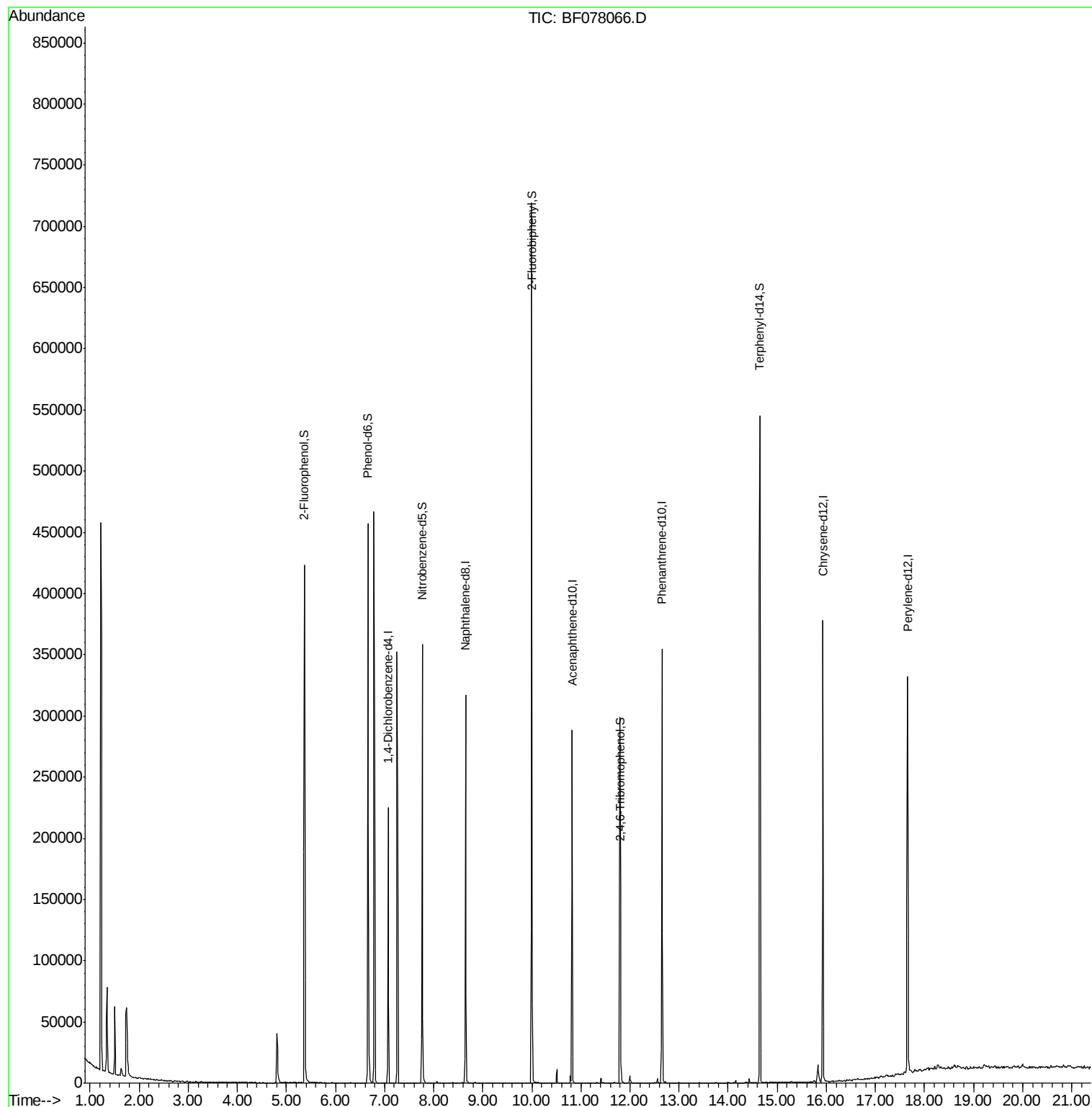
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	37518	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	148325	20.00	ng	0.00
38) Acenaphthene-d10	10.82	164	72385	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	147844	20.00	ng	0.00
75) Chrysene-d12	15.93	240	162300	20.00	ng	0.00
86) Perylene-d12	17.65	264	155389	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	151058	70.28	ng	0.00
7) Phenol-d6	6.66	99	192307	72.42	ng	-0.01
23) Nitrobenzene-d5	7.77	82	111136	49.12	ng	-0.01
41) 2,4,6-Tribromophenol	11.80	330	42965	62.04	ng	0.00
44) 2-Fluorobiphenyl	10.00	172	230941	46.89	ng	0.00
78) Terphenyl-d14	14.65	244	249725	37.58	ng	0.00
Target Compounds						
76) Benzidine	14.35	184	1025	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: BF078066.D

Acq: 28 Mar 2015 7:25

Instrument :

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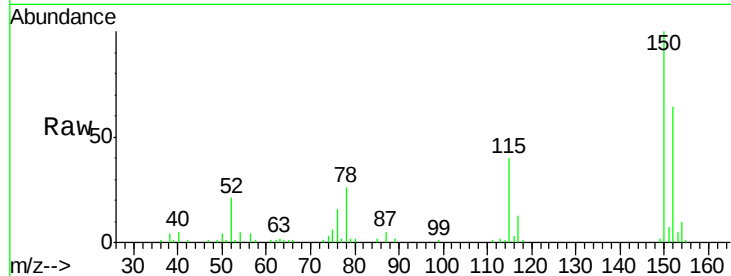
Tgt Ion:152 Resp: 37518

Ion Ratio Lower Upper

152 100

150 156.4 119.5 179.3

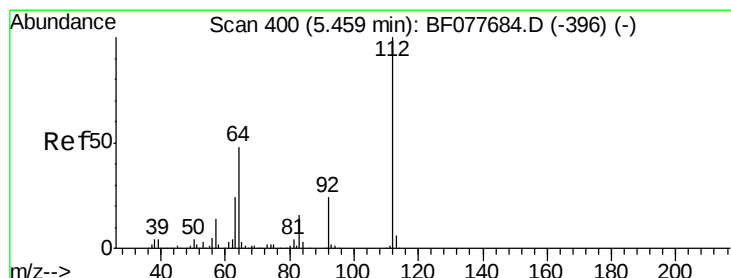
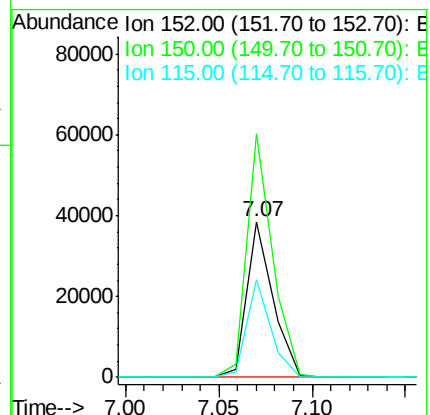
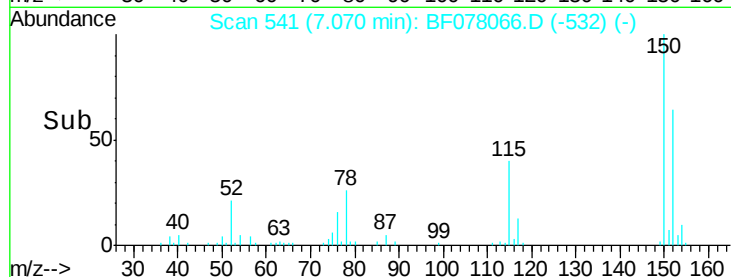
115 62.8 43.0 64.4



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: 70.28 ng

RT: 5.37 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF078066.D

Acq: 28 Mar 2015 7:25

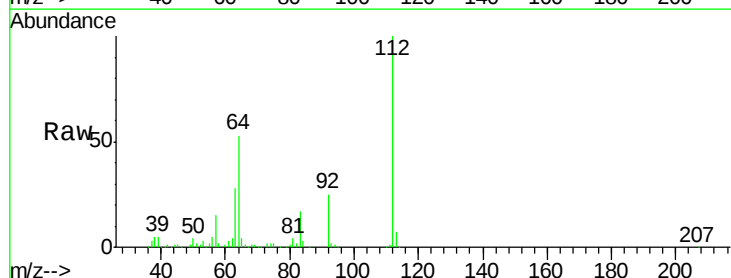
Tgt Ion:112 Resp: 151058

Ion Ratio Lower Upper

112 100

64 53.0 38.6 57.8

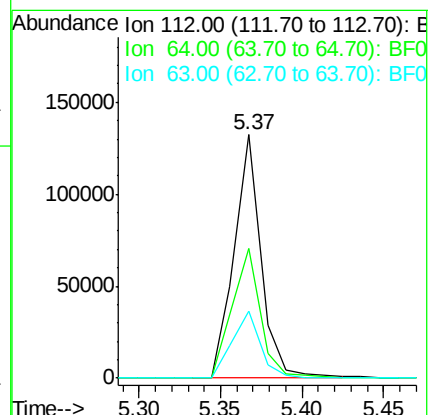
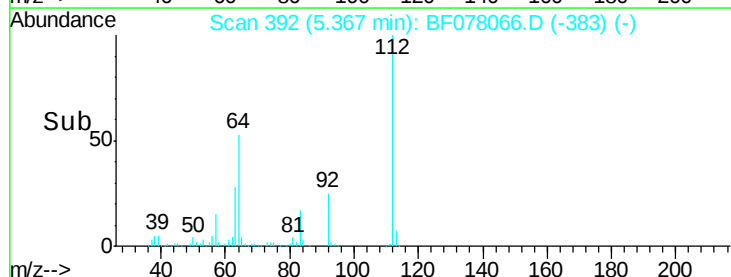
63 27.5 19.3 28.9



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: 72.42 ng

RT: 6.66 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF078066.D

Acq: 28 Mar 2015 7:25

Instrument :

BNA_F

ClientSampleId :

DUP-03252015

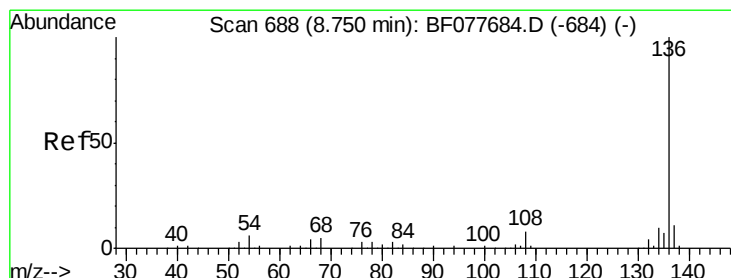
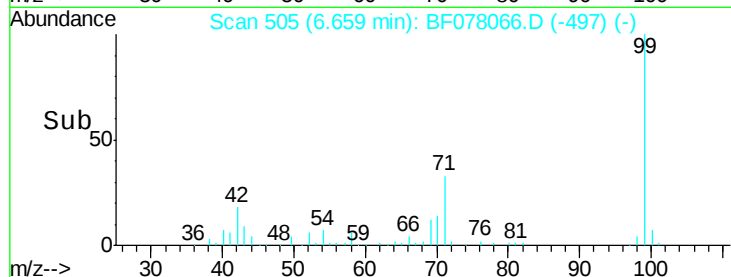
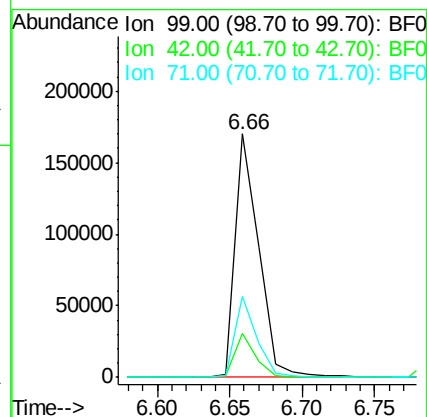
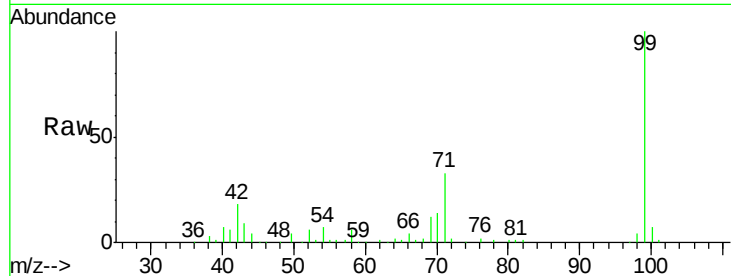
Tgt Ion: 99 Resp: 192307

Ion Ratio Lower Upper

99 100

42 18.0 11.0 16.4#

71 33.4 23.4 35.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.65 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF078066.D

Acq: 28 Mar 2015 7:25

Tgt Ion: 136 Resp: 148325

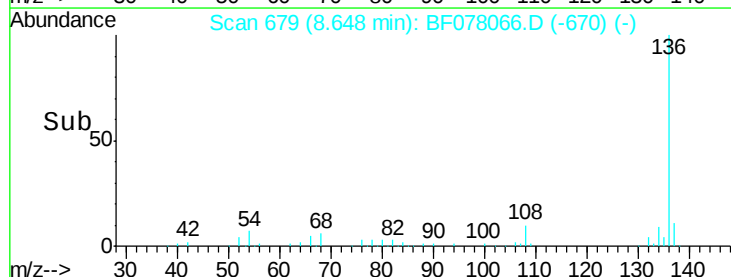
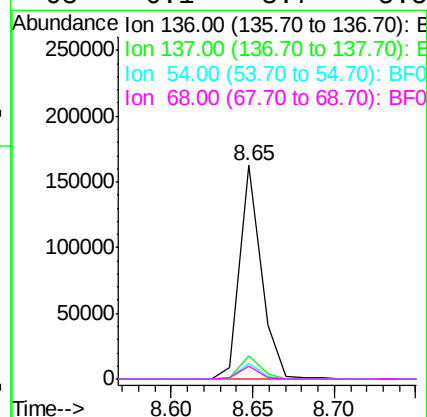
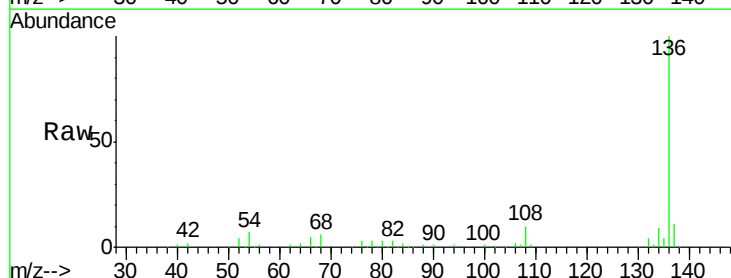
Ion Ratio Lower Upper

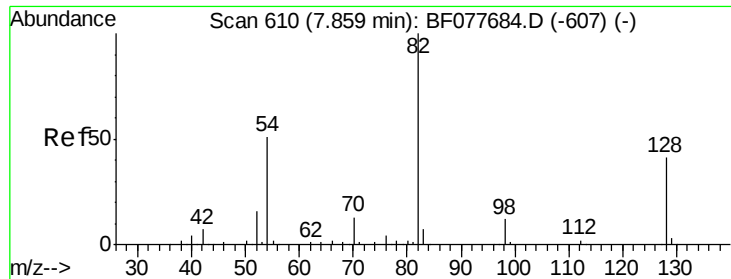
136 100

137 10.6 8.7 13.1

54 7.4 4.6 6.8#

68 6.1 3.7 5.5#

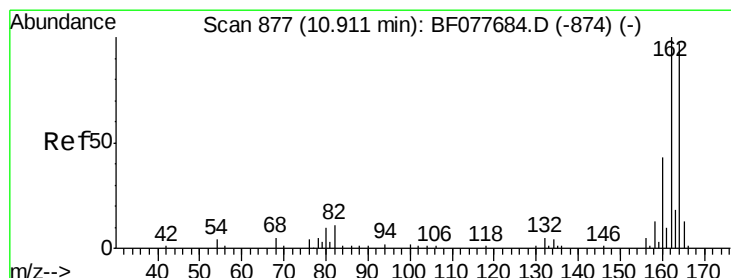
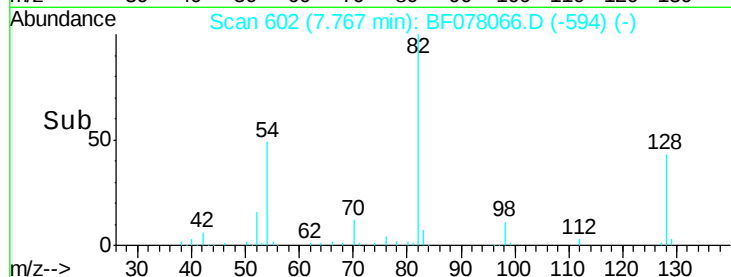
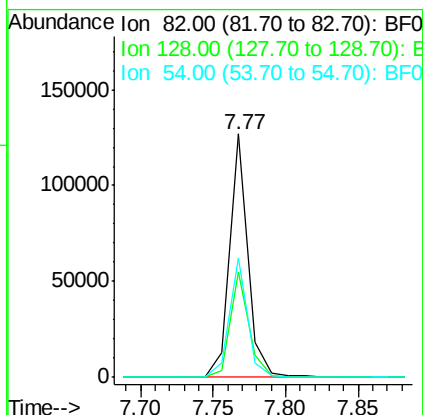
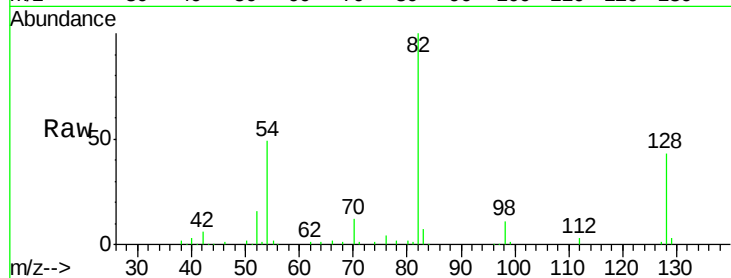




#23
Nitrobenzene-d5
Concen: 49.12 ng
RT: 7.77 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF078066.D
Acq: 28 Mar 2015 7:25

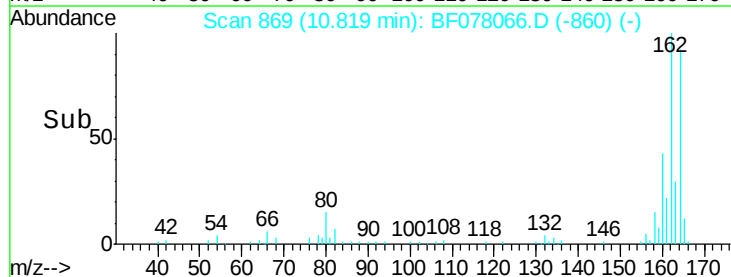
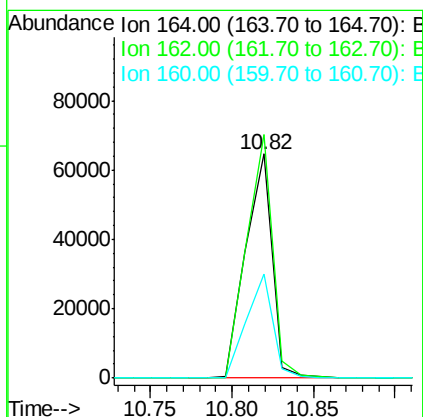
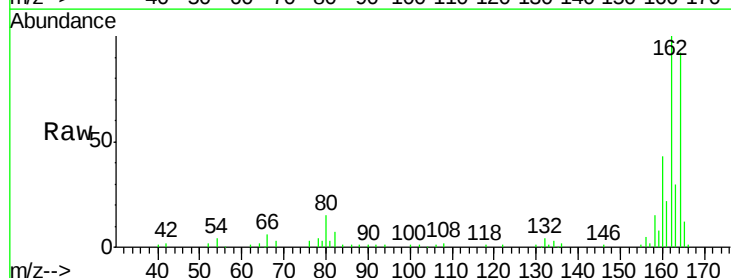
Instrument :
BNA_F
ClientSampleId :
DUP-03252015

Tgt Ion: 82 Resp: 111136
Ion Ratio Lower Upper
82 100
128 43.2 32.8 49.2
54 49.1 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: BF078066.D
Acq: 28 Mar 2015 7:25

Tgt Ion: 164 Resp: 72385
Ion Ratio Lower Upper
164 100
162 108.7 82.4 123.6
160 46.4 35.8 53.6

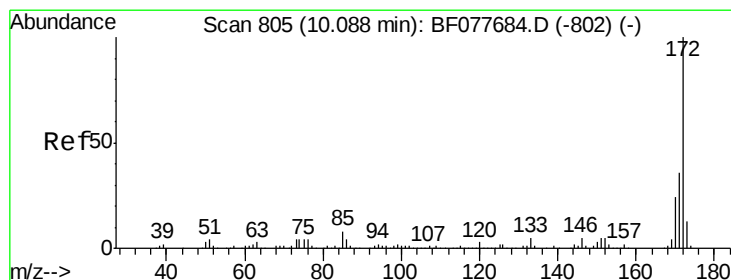
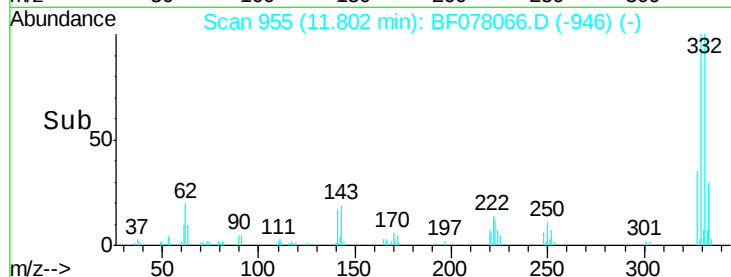
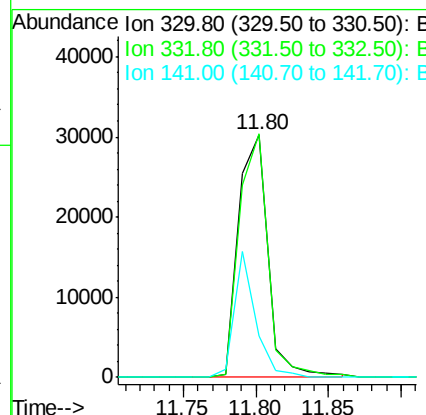
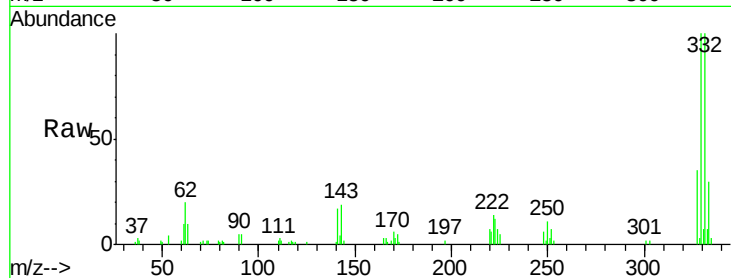




#41
 2,4,6-Tribromophenol
 Concen: 62.04 ng
 RT: 11.80 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF078066.D
 Acq: 28 Mar 2015 7:25

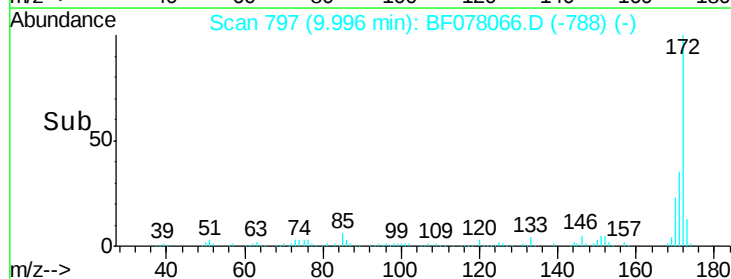
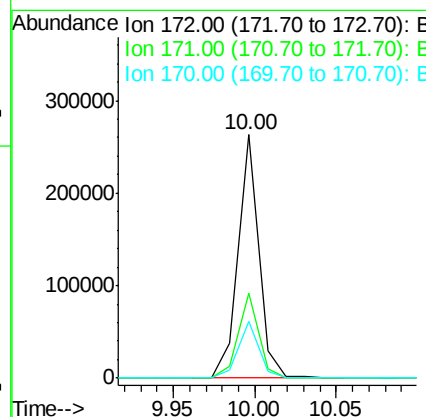
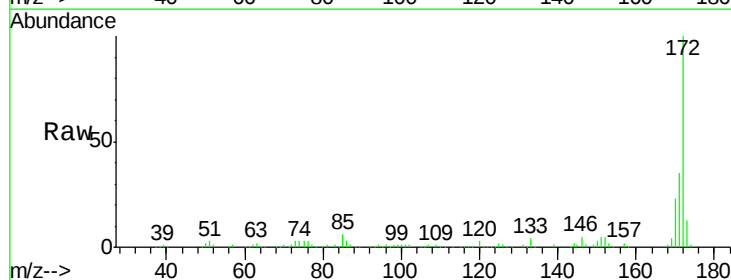
Instrument :
 BNA_F
 ClientSampleId :
 DUP-03252015

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	37.2	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 46.89 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078066.D
 Acq: 28 Mar 2015 7:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.3	18.8	28.2

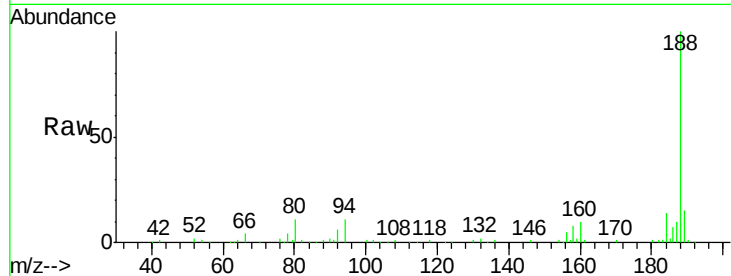




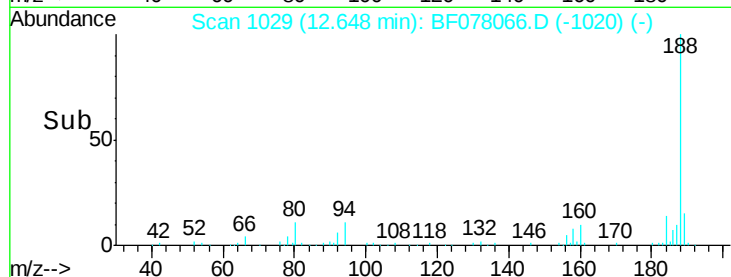
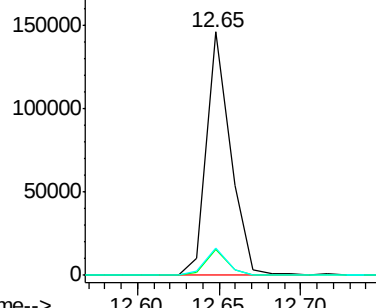
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.65 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF078066.D
Acq: 28 Mar 2015 7:25

Instrument :
BNA_F
ClientSampleId :
DUP-03252015

Tgt Ion:188 Resp: 147844
Ion Ratio Lower Upper
188 100
94 10.6 8.7 13.1
80 11.2 9.3 13.9

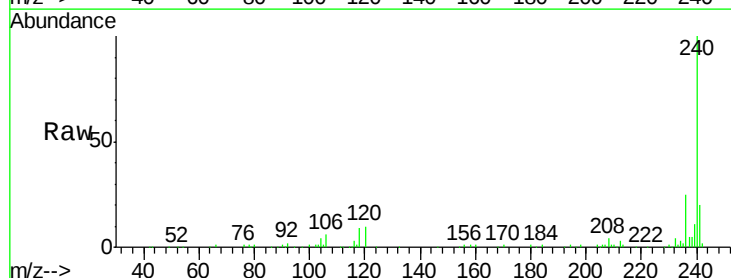


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

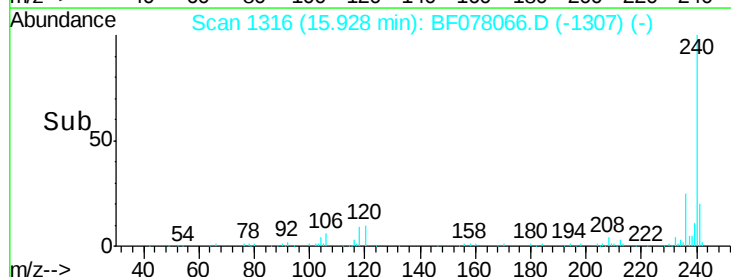
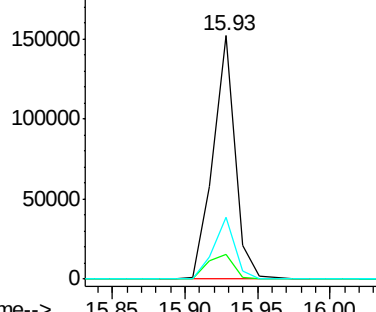


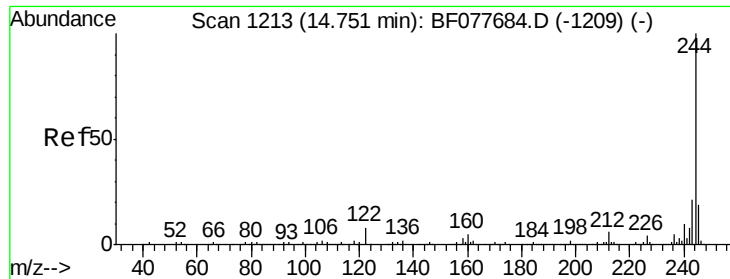
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.93 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF078066.D
Acq: 28 Mar 2015 7:25

Tgt Ion:240 Resp: 162300
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 25.2 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

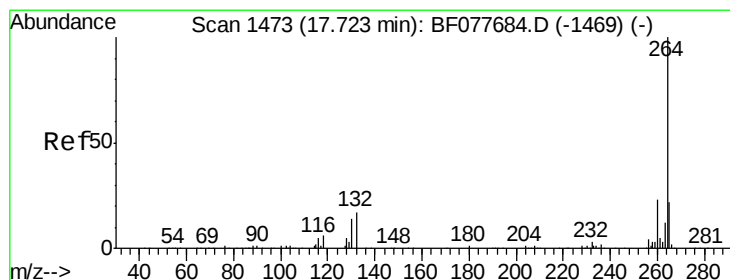
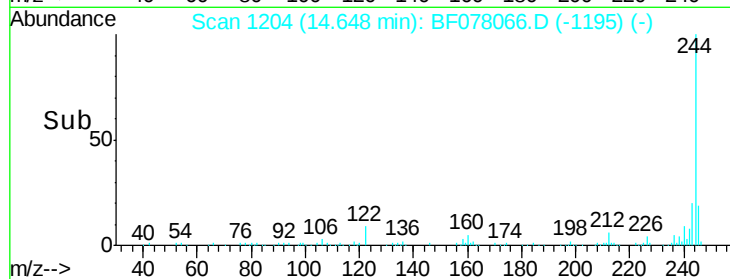
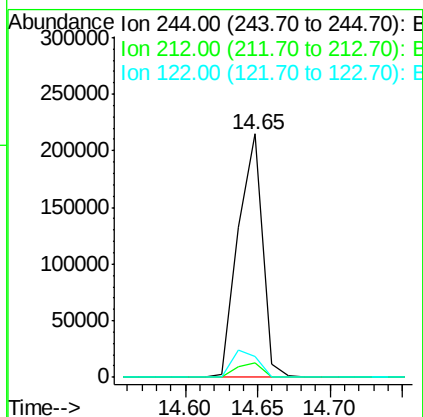
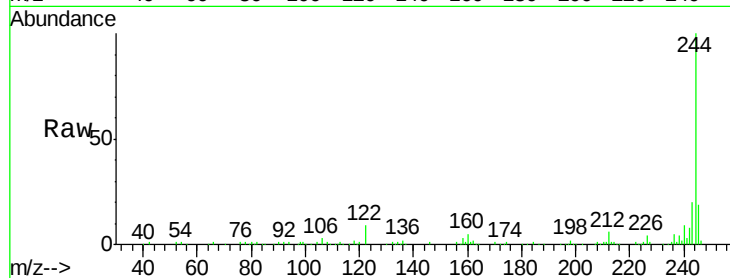




#78
 Terphenyl-d14
 Concen: 37.58 ng
 RT: 14.65 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF078066.D
 Acq: 28 Mar 2015 7:25

Instrument :
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Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	4.9	7.3
122	8.6	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.65 min Scan# 1467
 Delta R.T. 0.02 min
 Lab File: BF078066.D
 Acq: 28 Mar 2015 7:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	27.8
265	21.8	17.3	25.9

