

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
 Data File : BF078043.D
 Acq On : 27 Mar 2015 18:19
 Operator : TP/IZ
 Sample : G1654-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-8-3-24-15

Quant Time: Mar 28 06:12:01 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	33832	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	141780	20.00	ng	0.00
38) Acenaphthene-d10	10.82	164	72900	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	143588	20.00	ng	-0.01
75) Chrysene-d12	15.93	240	156637	20.00	ng	0.00
86) Perylene-d12	17.62	264	150456	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	116850	60.29	ng	0.00
7) Phenol-d6	6.67	99	88373	36.90	ng	0.00
23) Nitrobenzene-d5	7.77	82	208847	96.56	ng	-0.01
41) 2,4,6-Tribromophenol	11.80	330	98136	140.70	ng	0.00
44) 2-Fluorobiphenyl	10.00	172	466110	93.96	ng	0.00
78) Terphenyl-d14	14.65	244	576416	89.89	ng	0.00

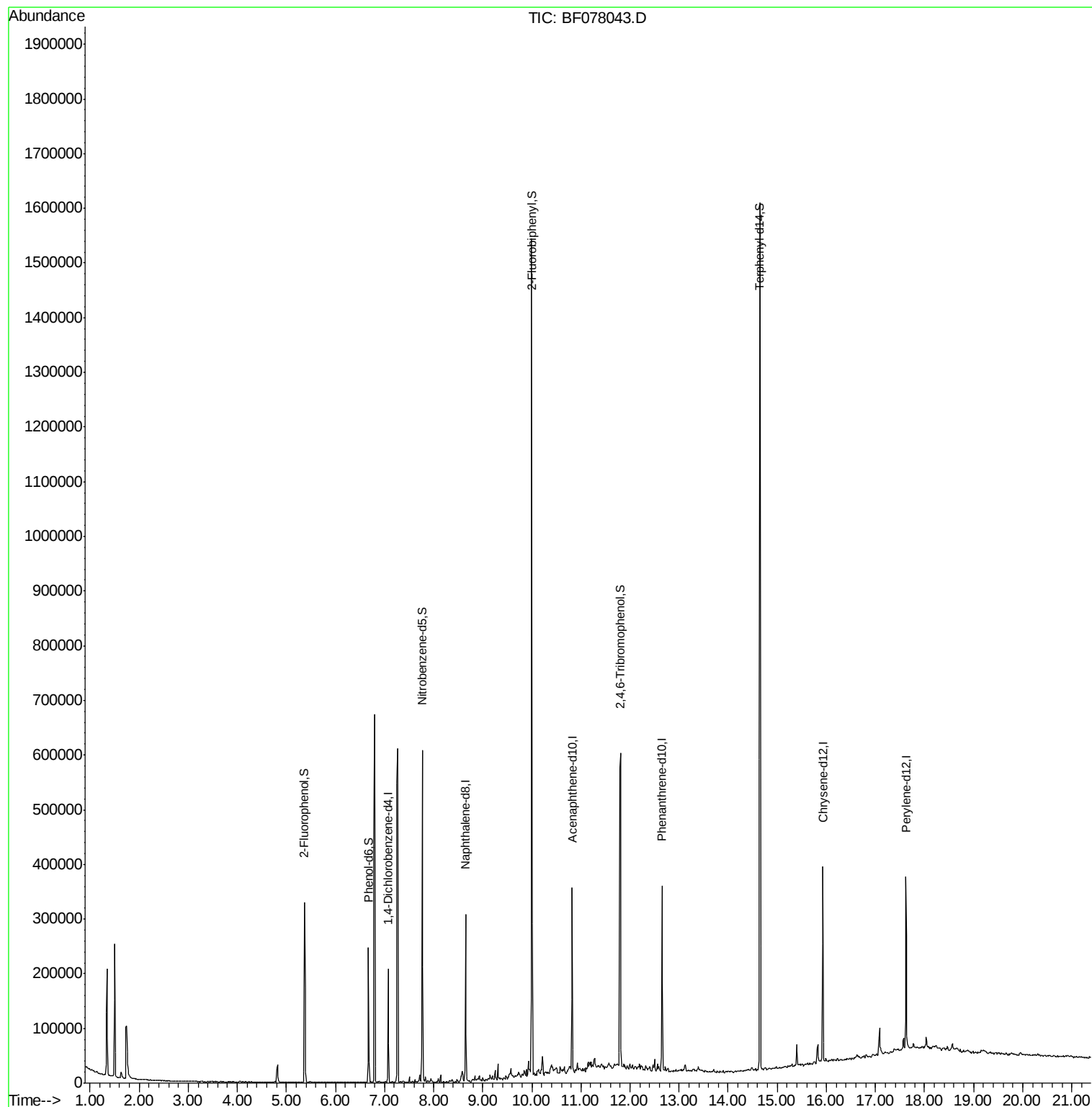
Target Compounds Qvalue

(#) = 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: BF078043.D

Acq: 27 Mar 2015 18:19

Instrument :

BNA_F

ClientSampleId :

PZ-8-3-24-15

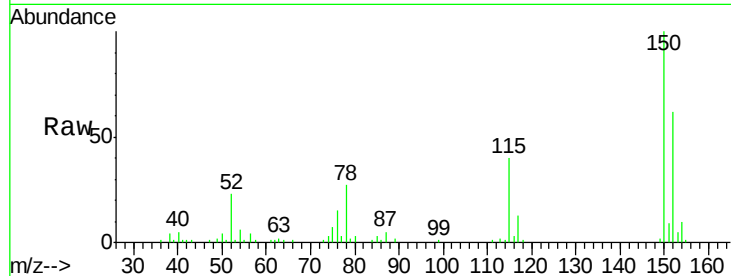
Tot Ion:152 Resp: 33832

Ion Ratio Lower Upper

152 100

150 160.8 119.5 179.3

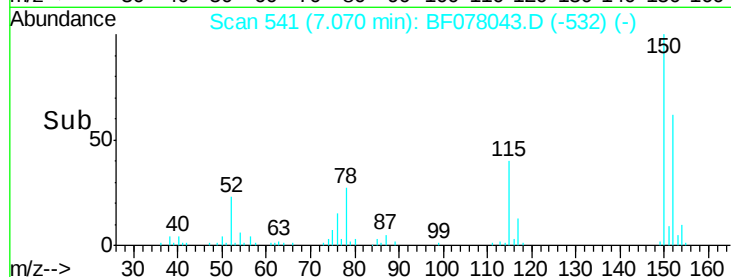
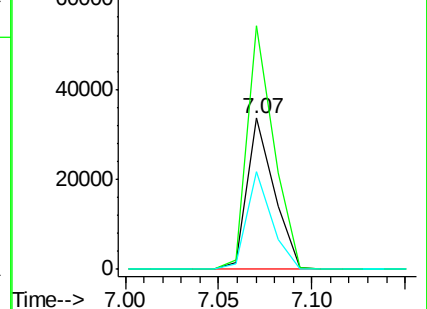
115 64.6 43.0 64.4#



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: 60.29 ng

RT: 5.37 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF078043.D

Acq: 27 Mar 2015 18:19

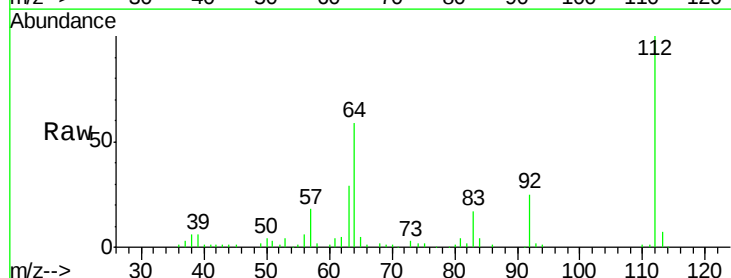
Tgt Ion:112 Resp: 116850

Ion Ratio Lower Upper

112 100

64 59.1 38.6 57.8#

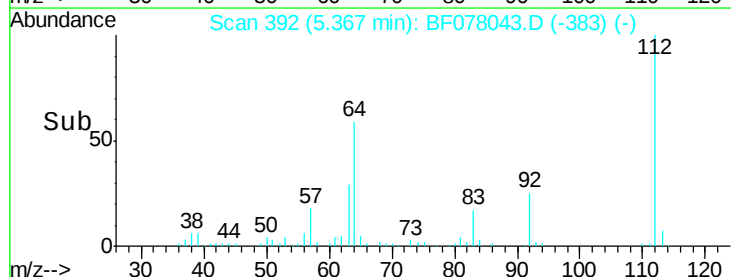
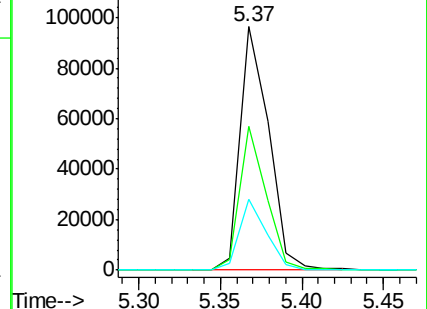
63 29.1 19.3 28.9#



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: 36.90 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF078043.D

Acq: 27 Mar 2015 18:19

Instrument :

BNA_F

ClientSampleId :

PZ-8-3-24-15

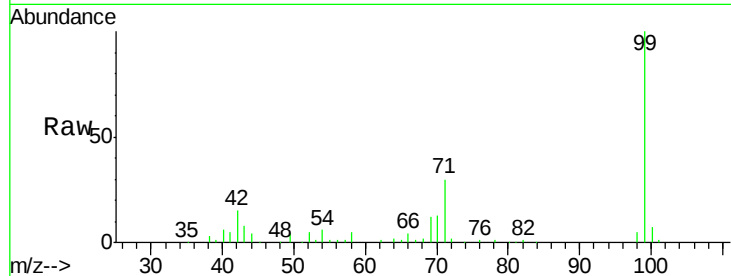
Tot Ion: 99 Resp: 88373

Ion Ratio Lower Upper

99 100

42 15.0 11.0 16.4

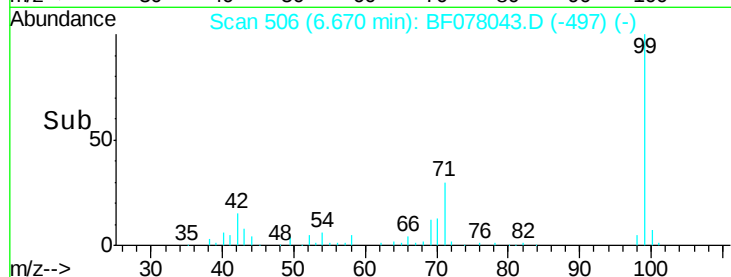
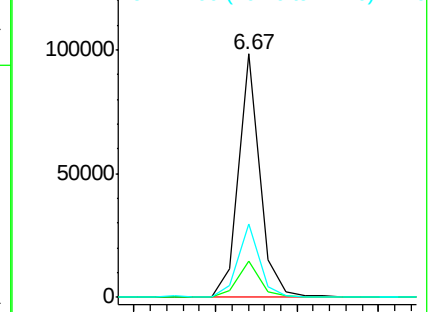
71 30.1 23.4 35.2



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: BF078043.D

Acq: 27 Mar 2015 18:19

Tgt Ion: 136 Resp: 141780

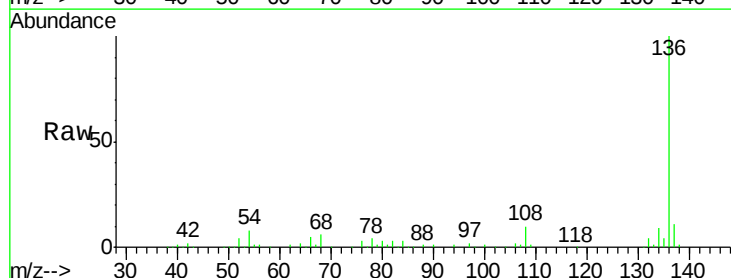
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.3 4.6 6.8#

68 6.3 3.7 5.5#

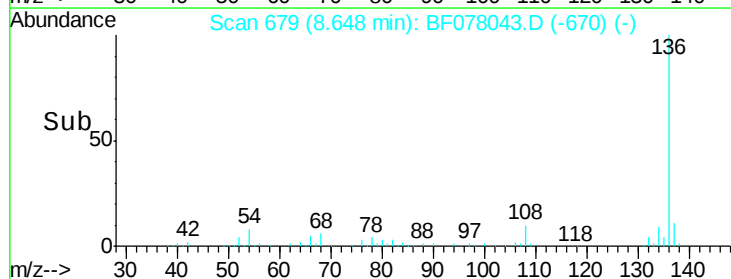
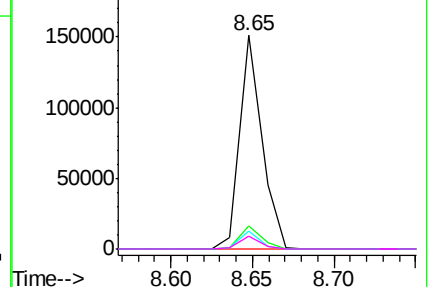


Abundance Ion 136.00 (135.70 to 136.70): E

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

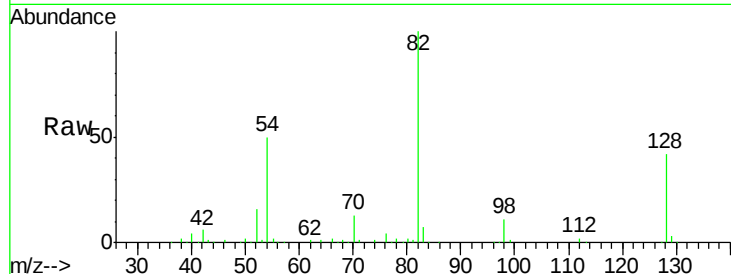




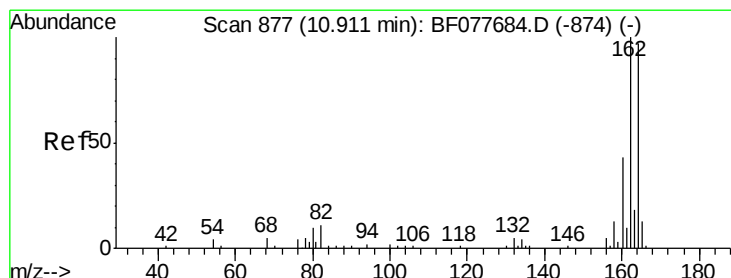
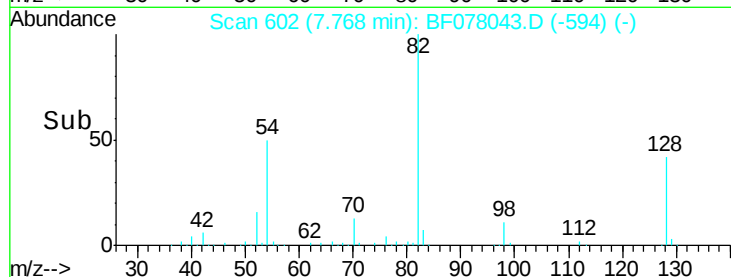
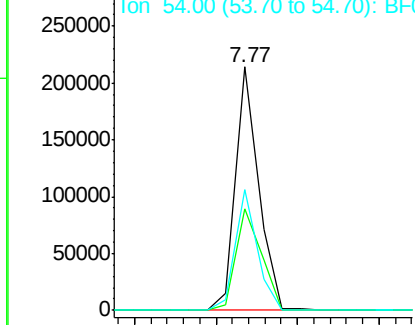
#23
 Nitrobenzene-d5
 Concen: 96.56 ng
 RT: 7.77 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF078043.D
 Acq: 27 Mar 2015 18:19

Instrument :
 BNA_F
 ClientSampleId :
 PZ-8-3-24-15

Tot Ion	82	Resp	208847
Ion Ratio	100	Lower	Upper
128	41.8	32.8	49.2
54	49.6	40.6	60.8

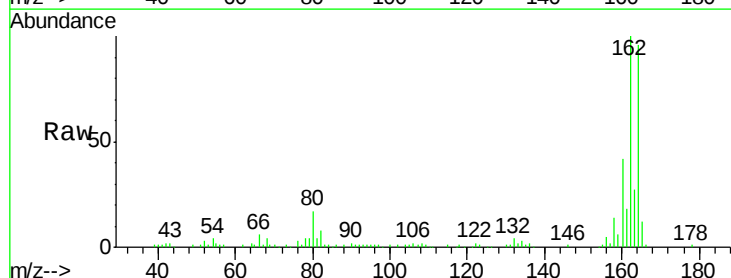


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

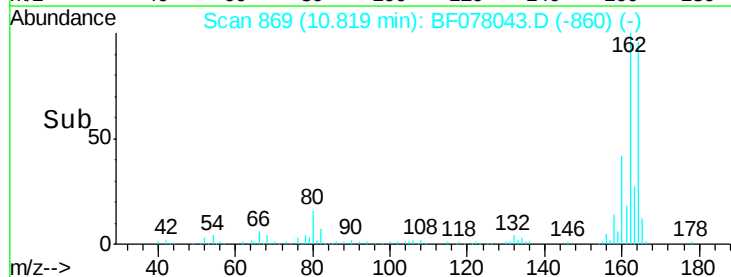
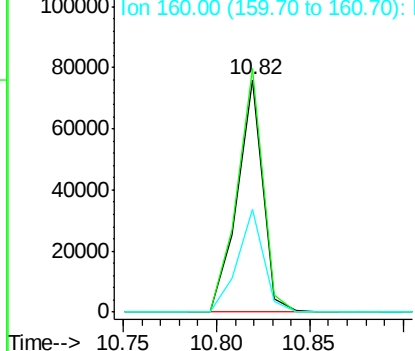


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.82 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BF078043.D
 Acq: 27 Mar 2015 18:19

Tgt Ion	164	Resp	72900
Ion Ratio	100	Lower	Upper
162	104.7	82.4	123.6
160	44.3	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

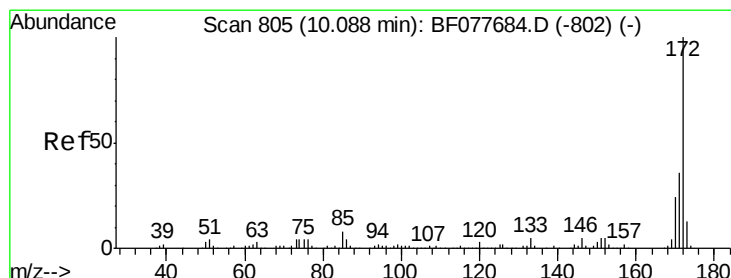
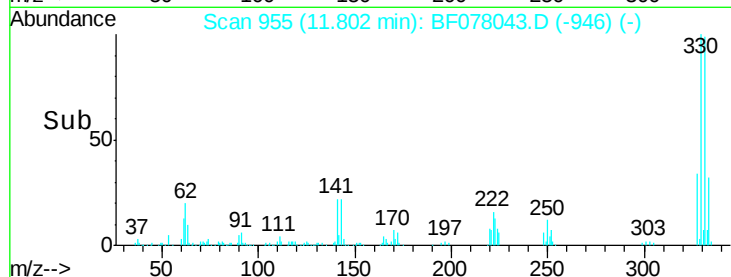
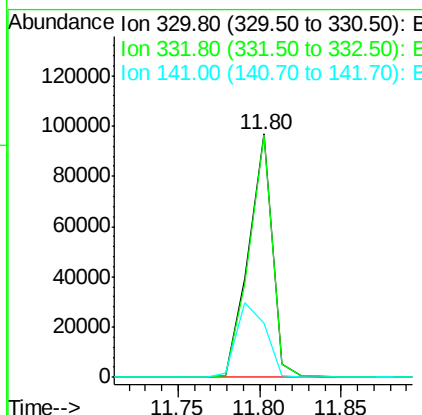
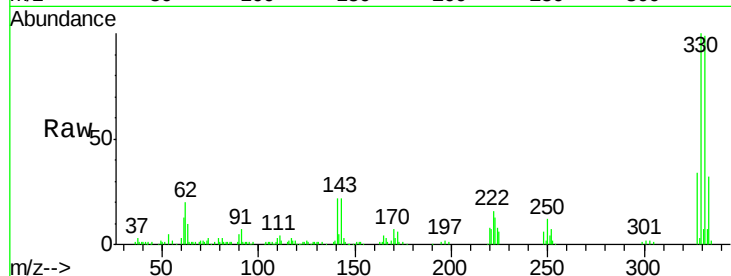




#41
 2,4,6-Tribromophenol
 Concen: 140.70 ng
 RT: 11.80 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF078043.D
 Acq: 27 Mar 2015 18:19

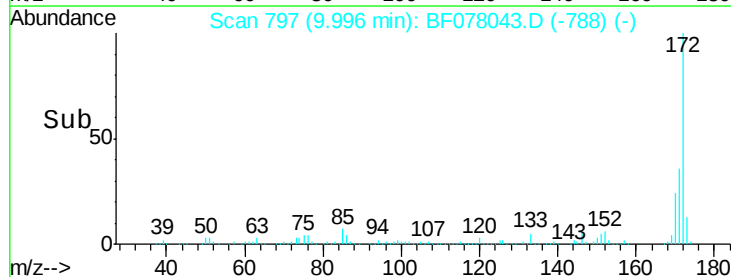
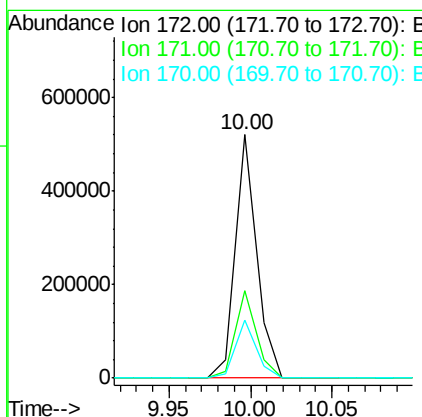
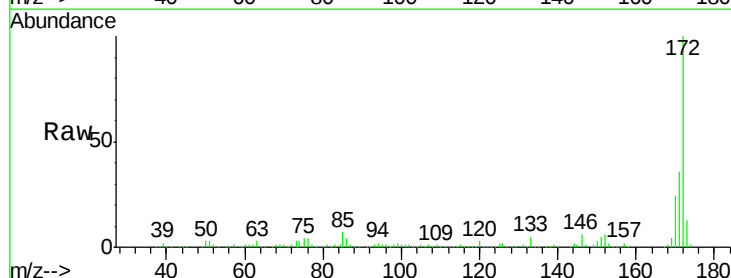
Instrument :
 BNA_F
 ClientSampleId :
 PZ-8-3-24-15

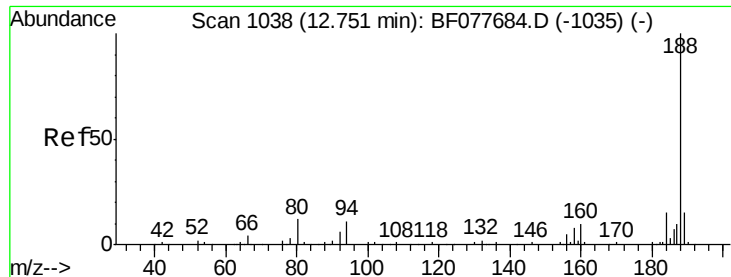
Tot Ion:330 Resp: 98136
 Ion Ratio Lower Upper
 330 100
 332 98.2 0.0 0.0#
 141 37.6 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 93.96 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078043.D
 Acq: 27 Mar 2015 18:19

Tgt Ion:172 Resp: 466110
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 23.7 18.8 28.2

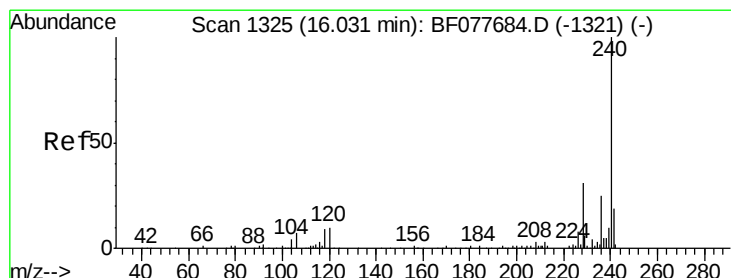
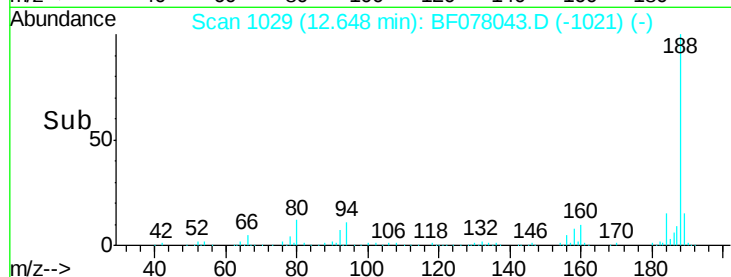
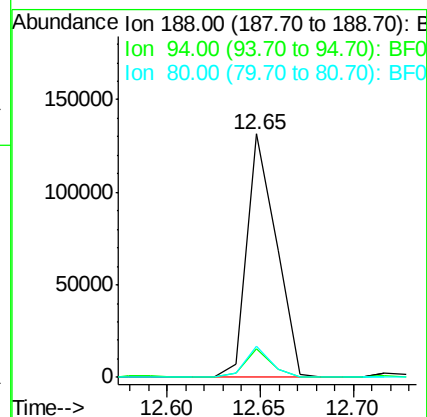
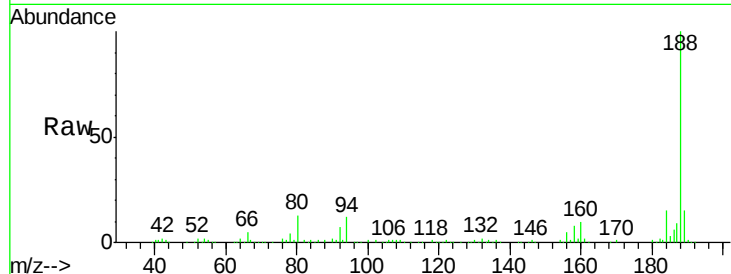




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.65 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF078043.D
Acq: 27 Mar 2015 18:19

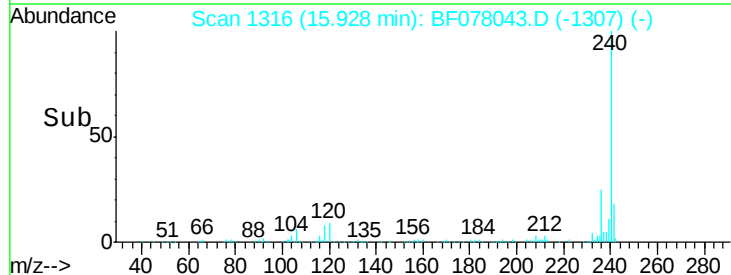
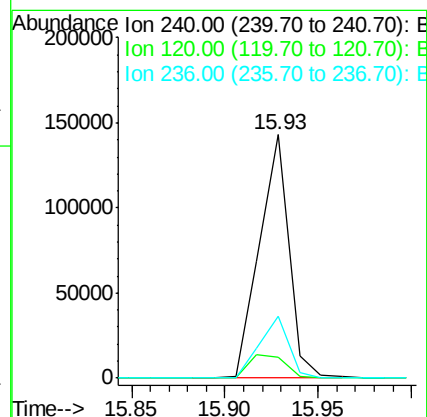
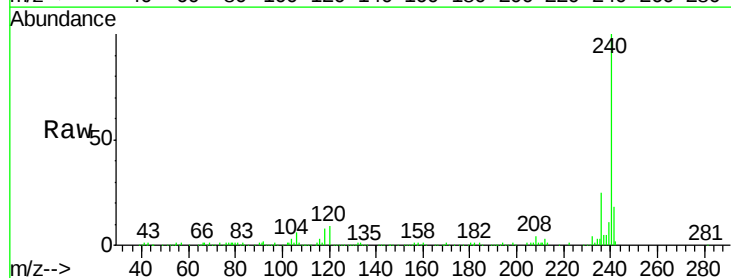
Instrument :
BNA_F
ClientSampleId :
PZ-8-3-24-15

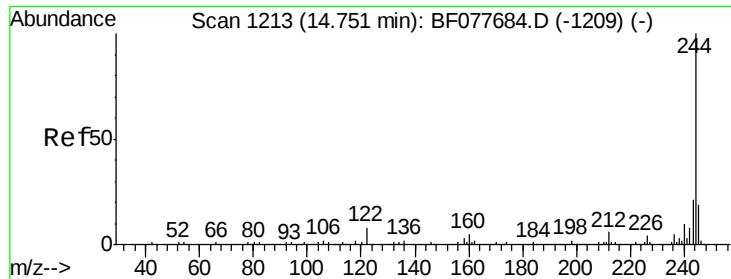
Tot Ion:188 Resp: 143588
Ion Ratio Lower Upper
188 100
94 11.6 8.7 13.1
80 12.7 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.93 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF078043.D
Acq: 27 Mar 2015 18:19

Tgt Ion:240 Resp: 156637
Ion Ratio Lower Upper
240 100
120 8.8 8.2 12.2
236 25.3 20.0 30.0





#78

Terphenyl-d14

Concen: 89.89 ng

RT: 14.65 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF078043.D

Acq: 27 Mar 2015 18:19

Instrument :

BNA_F

ClientSampleId :

PZ-8-3-24-15

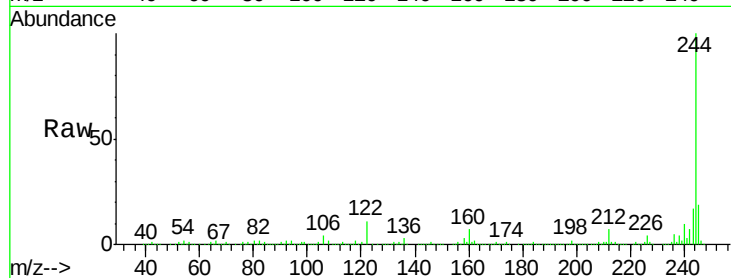
Tot Ion:244 Resp: 576416

Ion Ratio Lower Upper

244 100

212 6.7 4.9 7.3

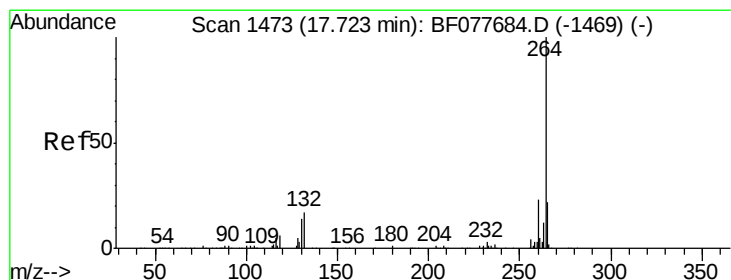
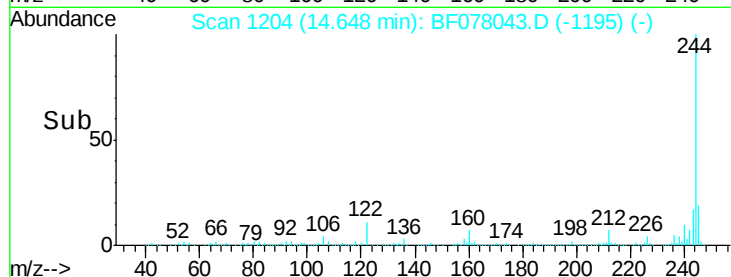
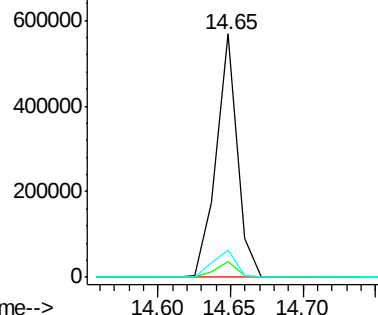
122 11.4 6.2 9.4#



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: 17.62 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BF078043.D

Acq: 27 Mar 2015 18:19

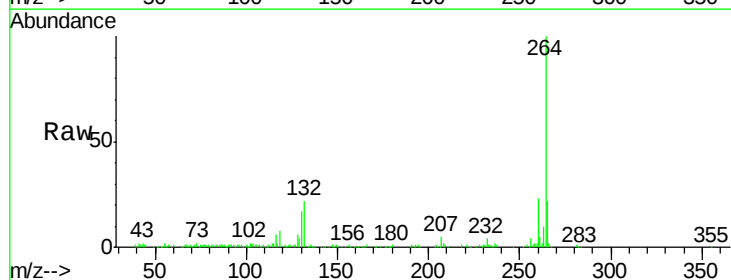
Tgt Ion:264 Resp: 150456

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 21.8 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

