

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080078.D
 Acq On : 20 Jun 2015 3:35
 Operator : TP/IZ
 Sample : G2683-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Quant Time: Jun 20 04:42:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	39930	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	161913	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	85184	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	190036	20.00	ng	-0.01
75) Chrysene-d12	14.79	240	206721	20.00	ng	-0.07
86) Perylene-d12	16.64	264	198280	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	316745	140.42	ng	0.00
7) Phenol-d6	6.93	99	394650	131.48	ng	-0.01
23) Nitrobenzene-d5	7.89	82	248937	89.51	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	125086	150.17	ng	-0.01
44) 2-Fluorobiphenyl	9.69	172	510923	85.54	ng	-0.01
78) Terphenyl-d14	13.56	244	735286	83.07	ng	-0.03

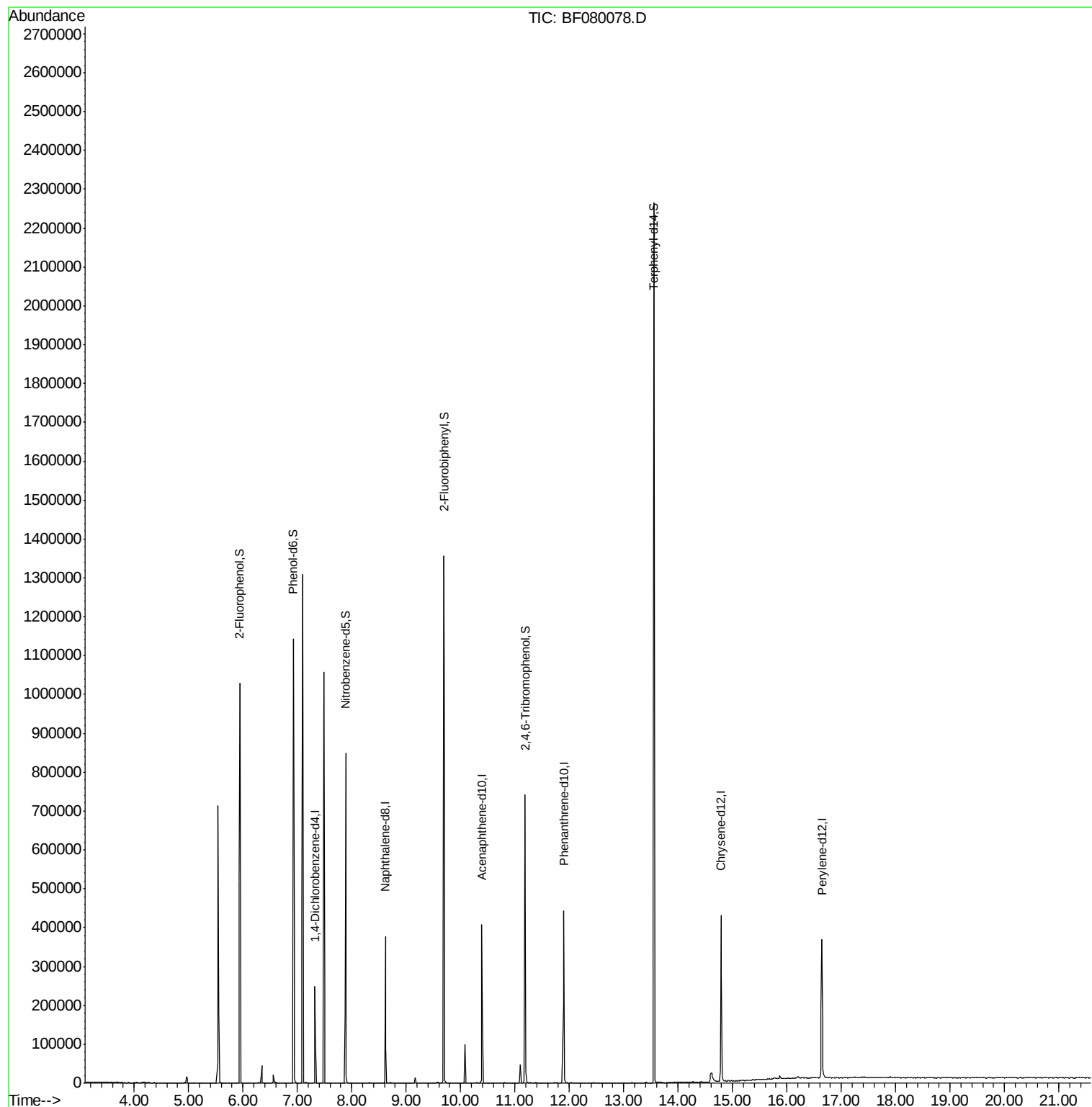
Target Compounds	Qvalue
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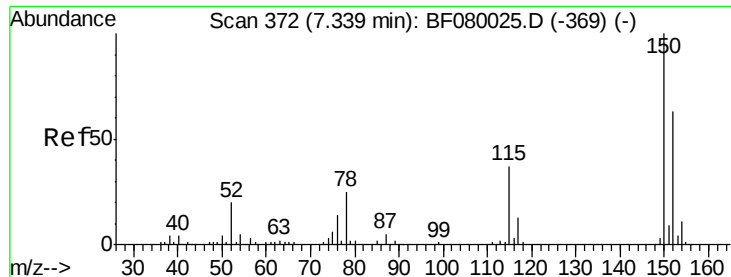
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF080078.D

Acq: 20 Jun 2015 3:35

Instrument :

BNA_F

ClientSampleId :

PE-2

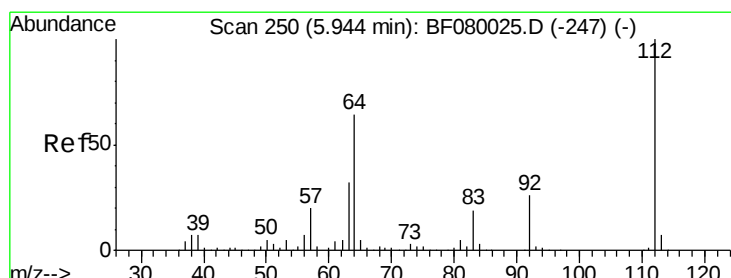
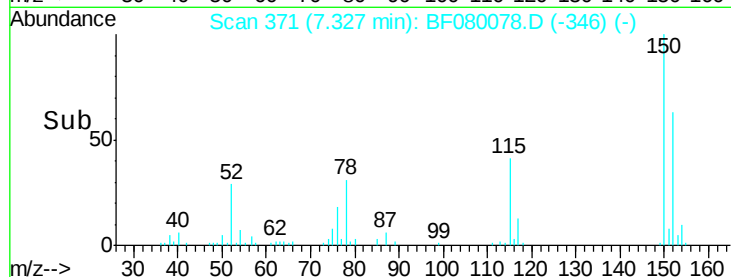
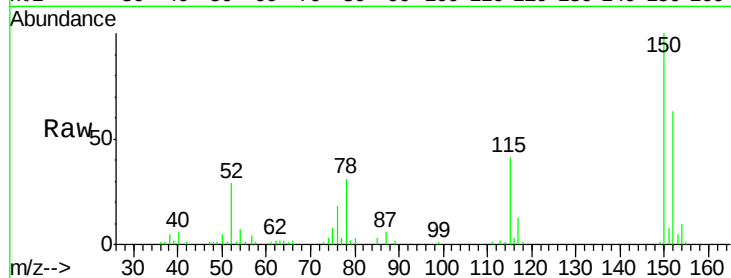
Tgt Ion:152 Resp: 39930

Ion Ratio Lower Upper

152 100

150 158.1 124.7 187.1

115 64.7 39.0 58.4#



#5

2-Fluorophenol

Concen: 140.42 ng

RT: 5.94 min Scan# 250

Delta R.T. 0.00 min

Lab File: BF080078.D

Acq: 20 Jun 2015 3:35

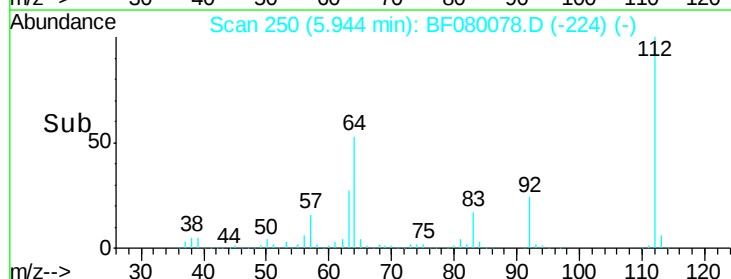
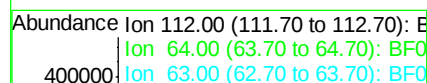
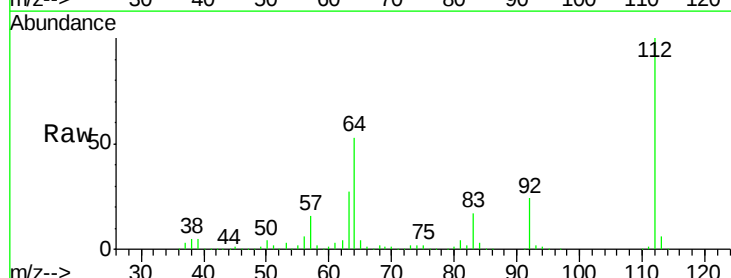
Tgt Ion:112 Resp: 316745

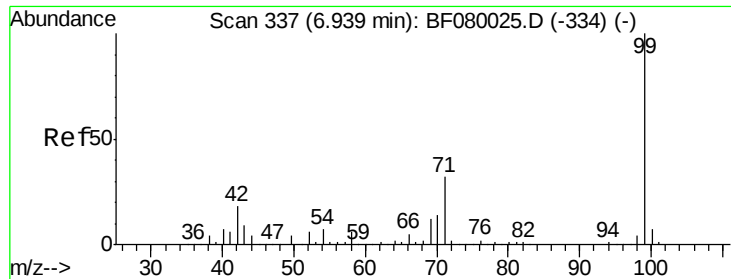
Ion Ratio Lower Upper

112 100

64 53.1 39.7 59.5

63 27.1 17.4 26.0#





#7

Phenol-d6

Concen: 131.48 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080078.D

Acq: 20 Jun 2015 3:35

Instrument :

BNA_F

ClientSampled :

PE-2

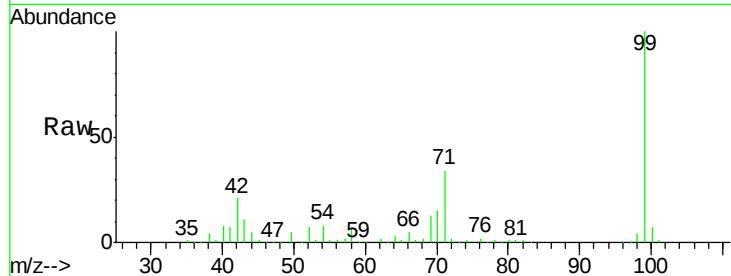
Tgt Ion: 99 Resp: 394650

Ion Ratio Lower Upper

99 100

42 21.1 13.7 20.5#

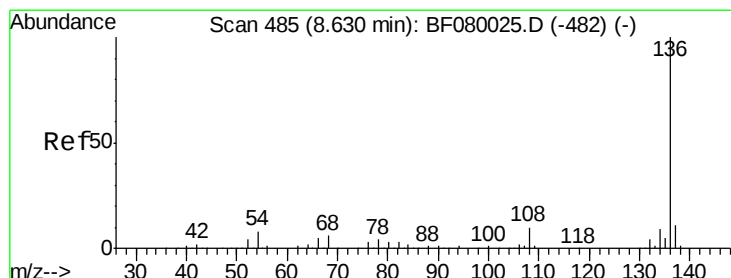
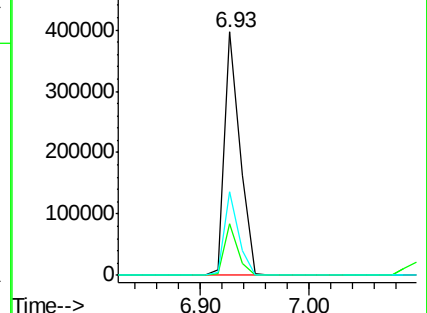
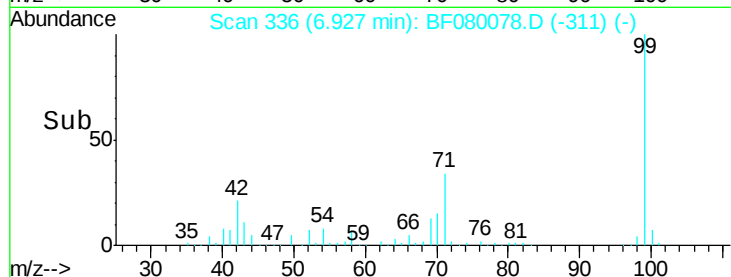
71 34.3 14.2 21.2#



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: 8.62 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF080078.D

Acq: 20 Jun 2015 3:35

Tgt Ion: 136 Resp: 161913

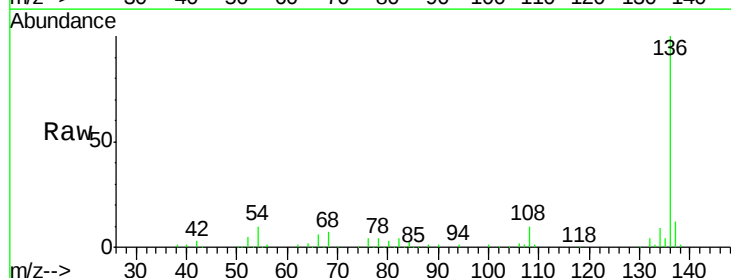
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.6

54 9.5 8.2 12.2

68 7.5 5.8 8.6

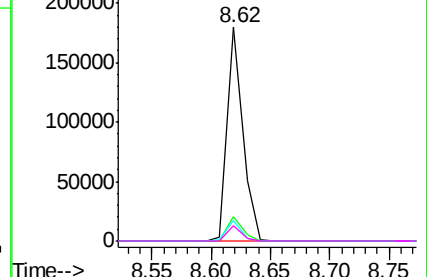
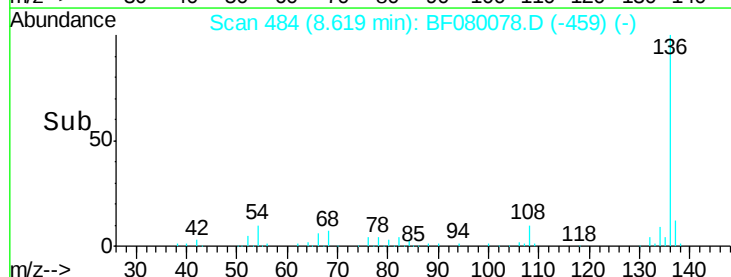


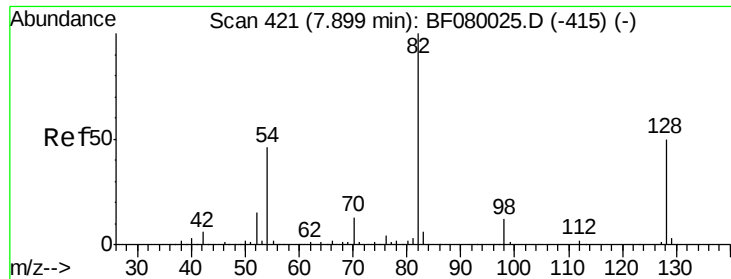
Abundance Ion 136.00 (135.70 to 136.70): E

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

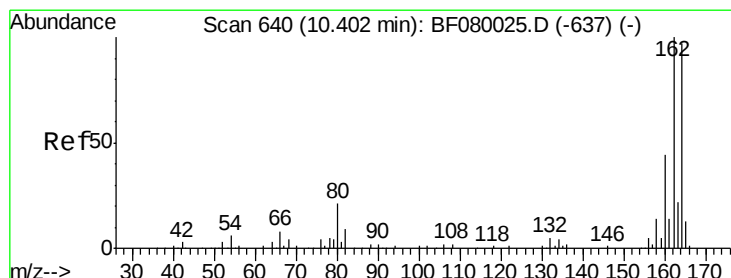
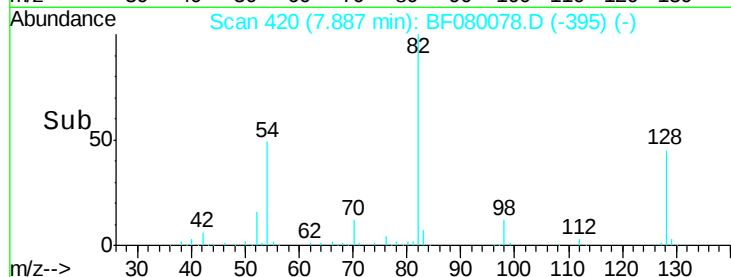
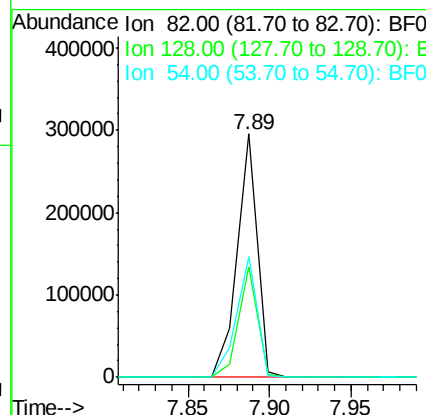
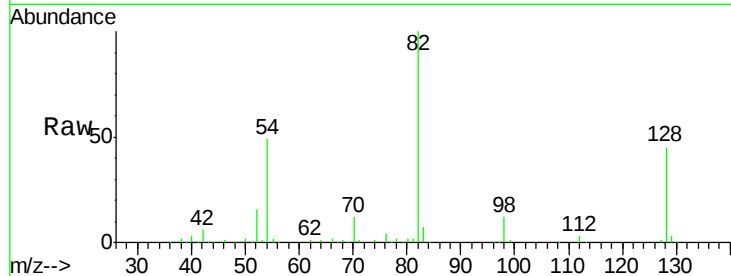




#23
 Nitrobenzene-d5
 Concen: 89.51 ng
 RT: 7.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF080078.D
 Acq: 20 Jun 2015 3:35

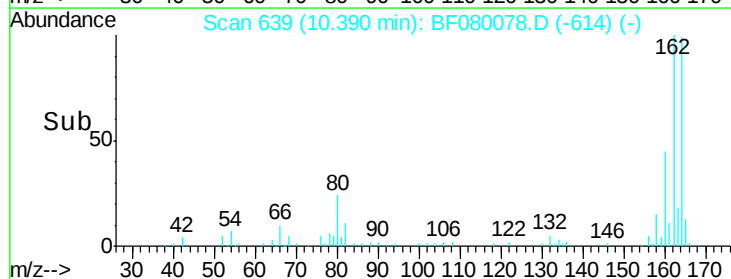
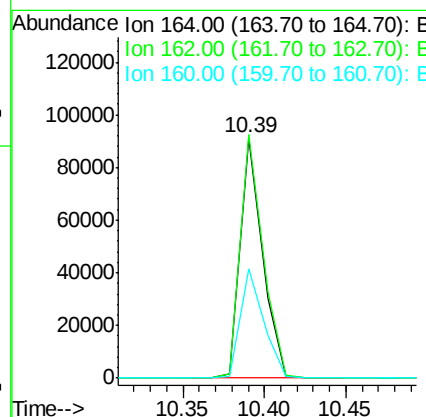
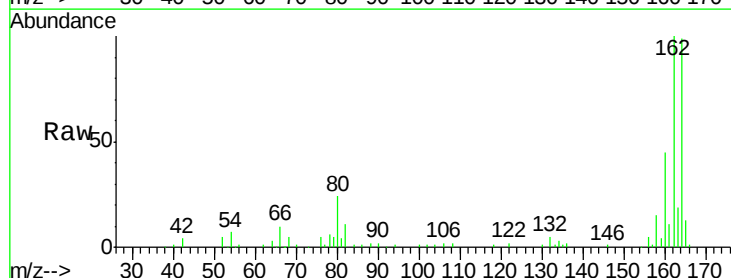
Instrument :
 BNA_F
 ClientSampleId :
 PE-2

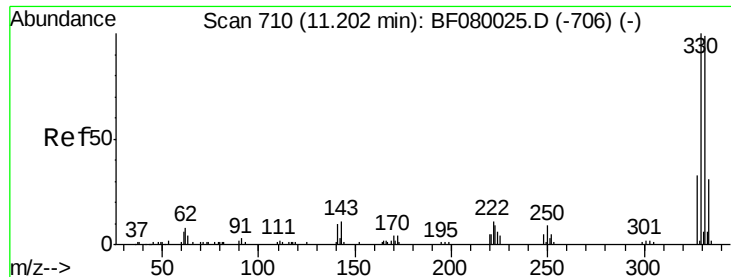
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.2	51.0	76.6#
54	49.4	47.5	71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.39 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: BF080078.D
 Acq: 20 Jun 2015 3:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	75.2	112.8
160	45.5	31.5	47.3

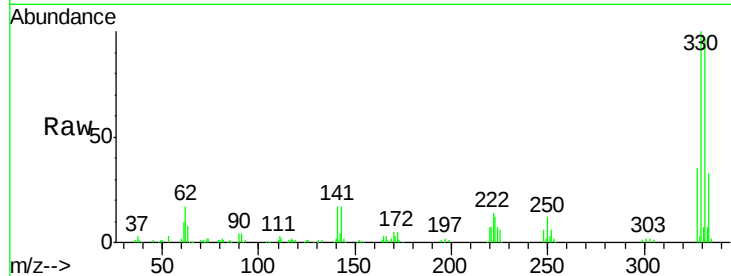




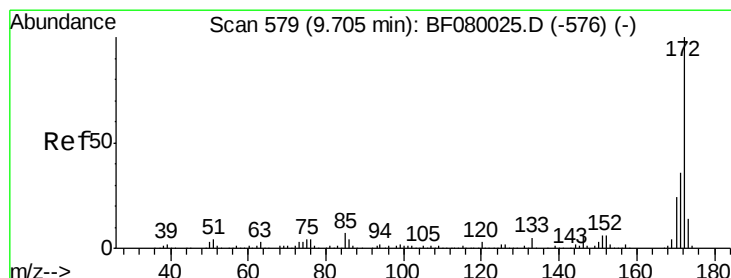
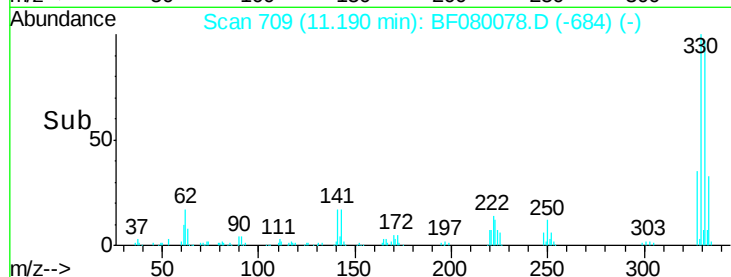
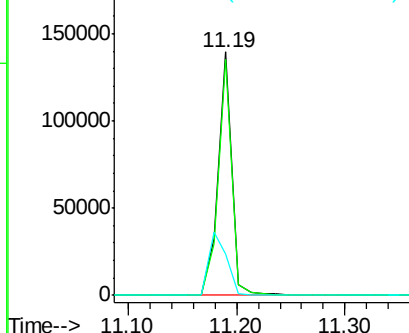
#41
 2,4,6-Tribromophenol
 Concen: 150.17 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080078.D
 Acq: 20 Jun 2015 3:35

Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Tgt Ion:330 Resp: 125086
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 33.9 29.7 44.5

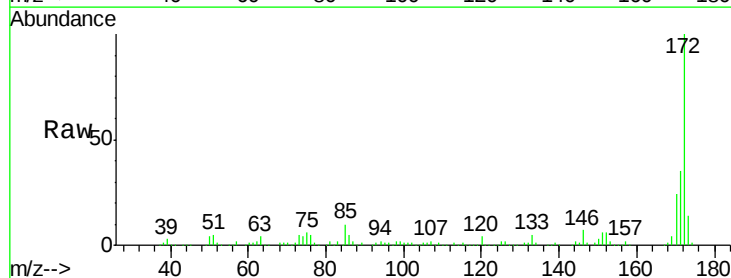


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

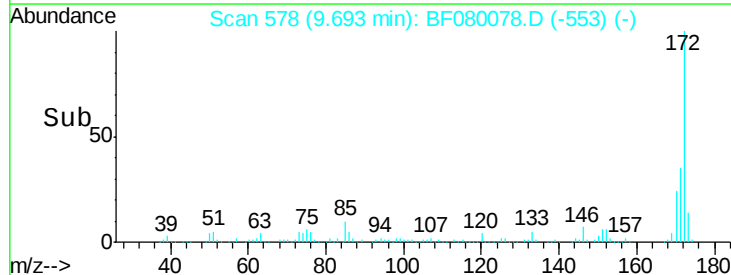
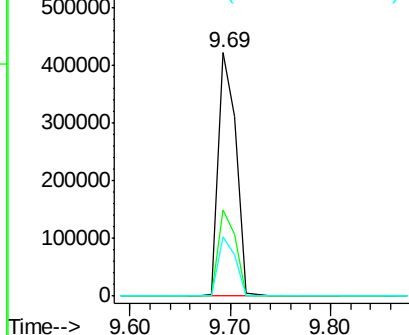


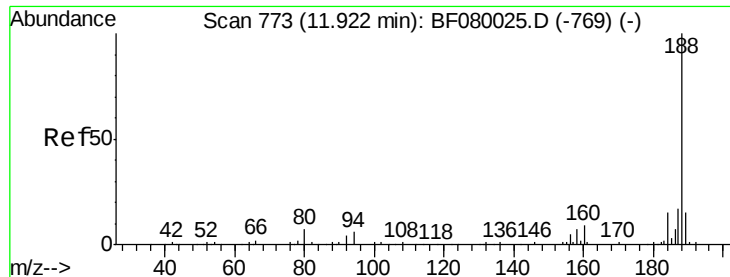
#44
 2-Fluorobiphenyl
 Concen: 85.54 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF080078.D
 Acq: 20 Jun 2015 3:35

Tgt Ion:172 Resp: 510923
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 24.2 17.4 26.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

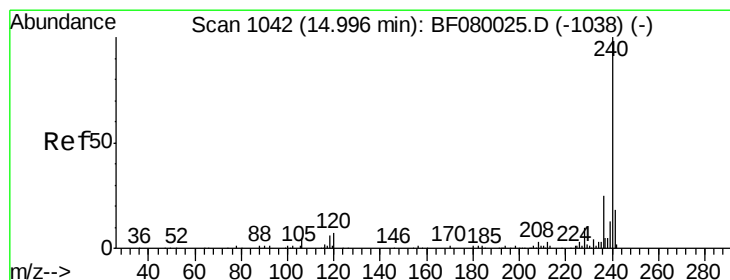
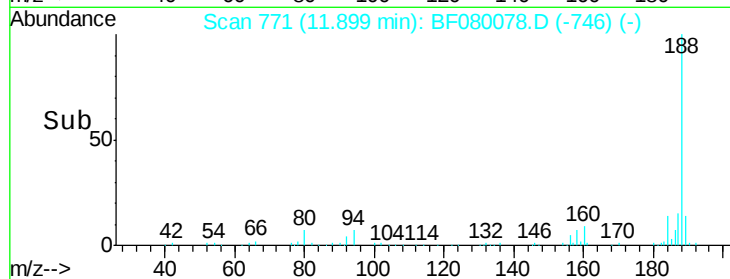
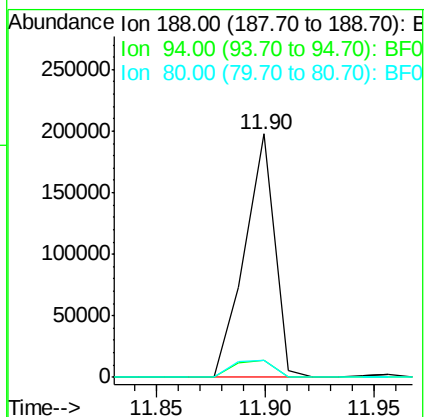
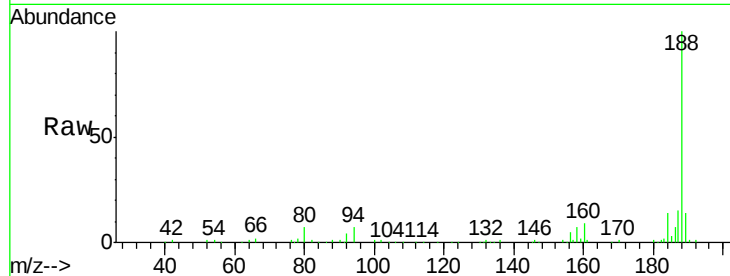




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF080078.D
Acq: 20 Jun 2015 3:35

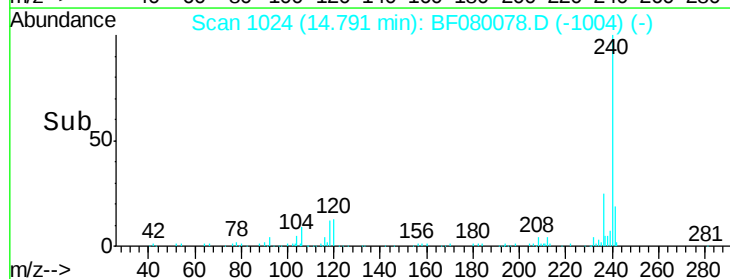
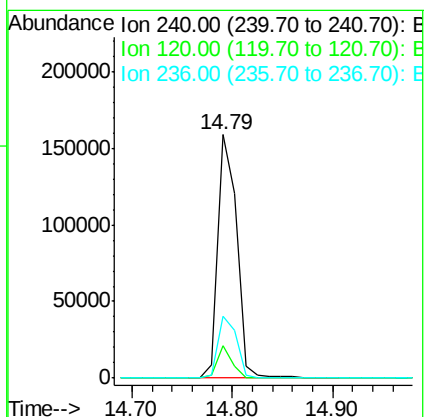
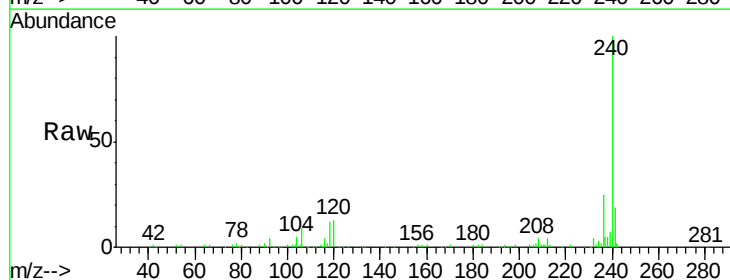
Instrument :
BNA_F
ClientSampleId :
PE-2

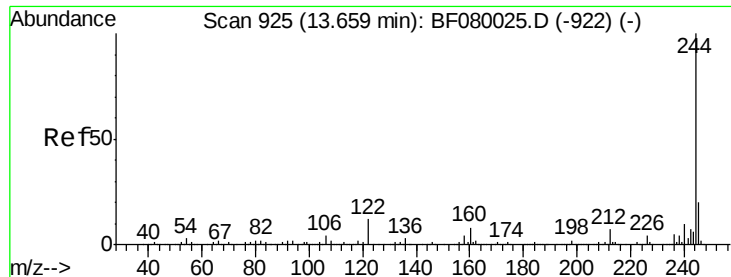
Tgt Ion:188 Resp: 190036
Ion Ratio Lower Upper
188 100
94 7.1 11.1 16.7#
80 6.8 11.0 16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.79 min Scan# 1024
Delta R.T. -0.07 min
Lab File: BF080078.D
Acq: 20 Jun 2015 3:35

Tgt Ion:240 Resp: 206721
Ion Ratio Lower Upper
240 100
120 13.1 16.2 24.2#
236 25.3 18.4 27.6

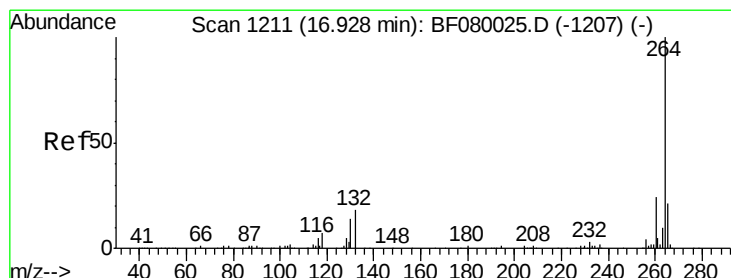
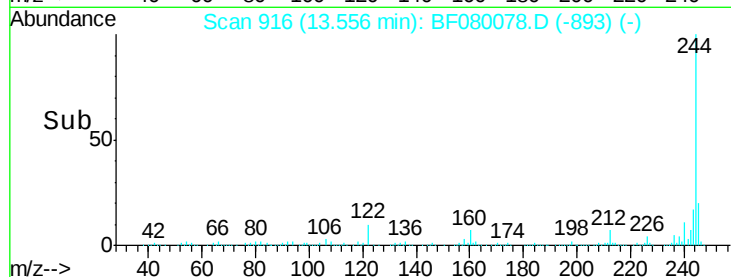
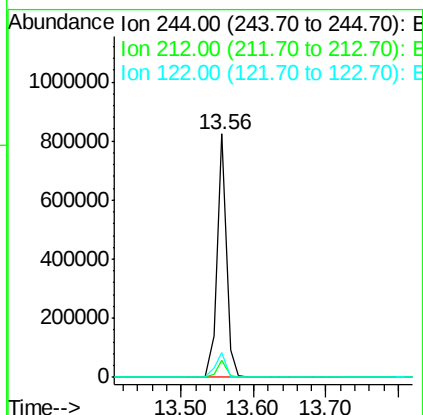
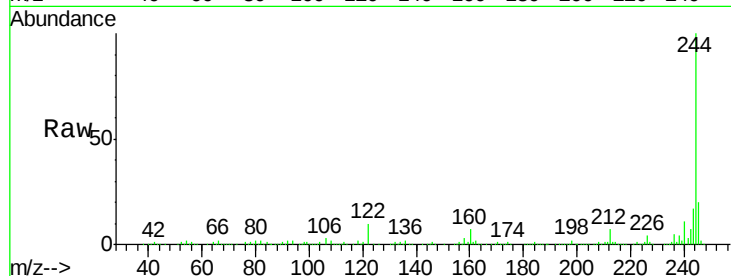




#78
 Terphenyl-d14
 Concen: 83.07 ng
 RT: 13.56 min Scan# 916
 Delta R.T. -0.03 min
 Lab File: BF080078.D
 Acq: 20 Jun 2015 3:35

Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Tgt Ion:244 Resp: 735286
 Ion Ratio Lower Upper
 244 100
 212 7.0 4.3 6.5#
 122 10.3 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.64 min Scan# 1186
 Delta R.T. -0.10 min
 Lab File: BF080078.D
 Acq: 20 Jun 2015 3:35

Tgt Ion:264 Resp: 198280
 Ion Ratio Lower Upper
 264 100
 260 23.6 16.7 25.1
 265 21.2 17.2 25.8

