

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
 Data File : BF080269.D
 Acq On : 1 Jul 2015 10:45
 Operator : TP/IZ
 Sample : G2831-12
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-4(0-2)

Quant Time: Jul 01 14:10:49 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	34041	20.00	ng	-0.05
21) Naphthalene-d8	8.57	136	137324	20.00	ng	-0.05
38) Acenaphthene-d10	10.34	164	71781	20.00	ng	-0.05
63) Phenanthrene-d10	11.86	188	148461	20.00	ng	-0.05
75) Chrysene-d12	14.96	240	166361	20.00	ng	-0.03
86) Perylene-d12	16.89	264	164618	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	249355	129.67	ng	-0.03
7) Phenol-d6	6.89	99	313190	122.39	ng	-0.03
23) Nitrobenzene-d5	7.84	82	215390	91.31	ng	-0.03
41) 2,4,6-Tribromophenol	11.14	330	90767	129.31	ng	-0.03
44) 2-Fluorobiphenyl	9.65	172	398931	79.26	ng	-0.05
78) Terphenyl-d14	13.63	244	553674	77.73	ng	-0.05

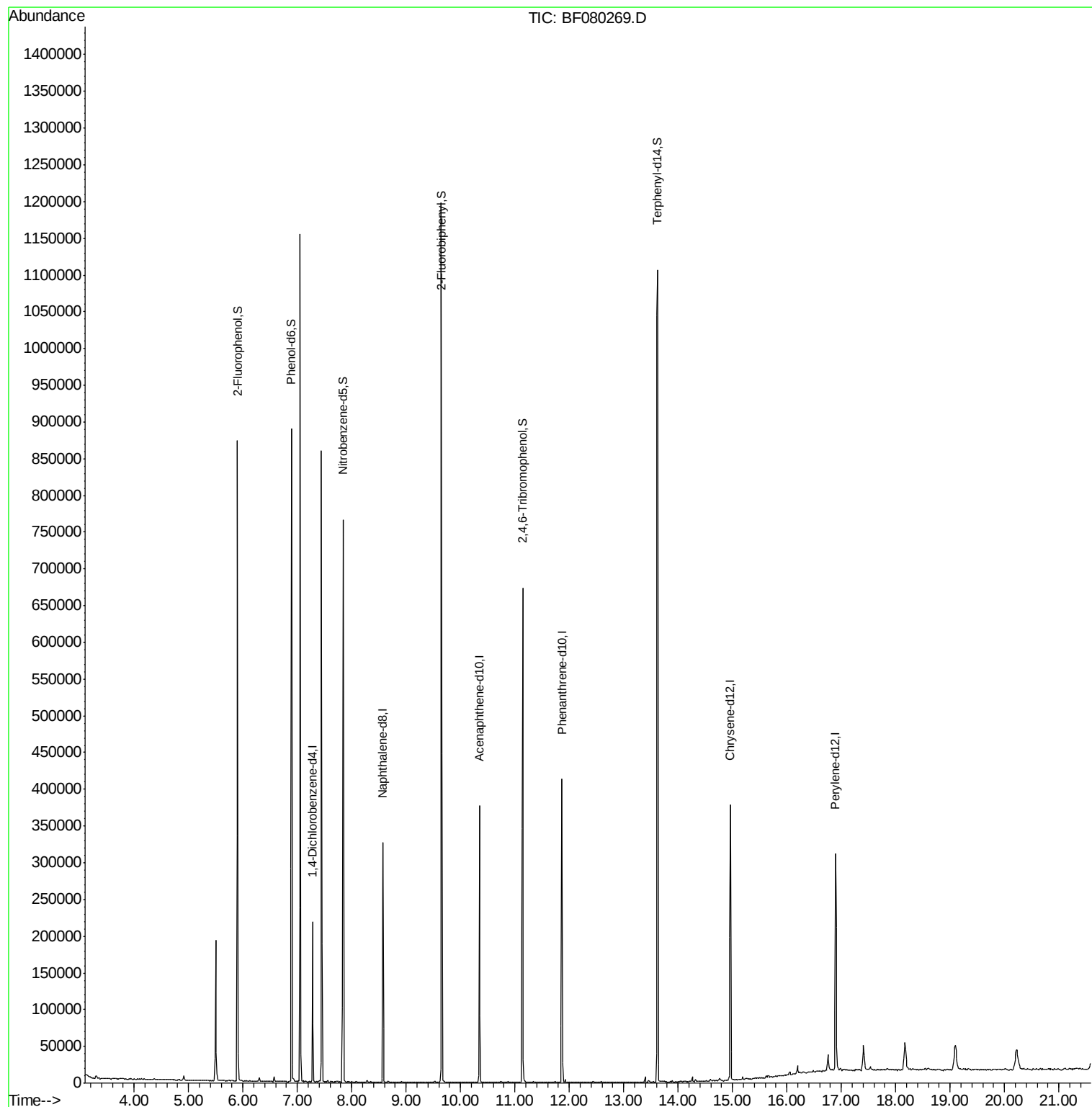
Target Compounds	Qvalue
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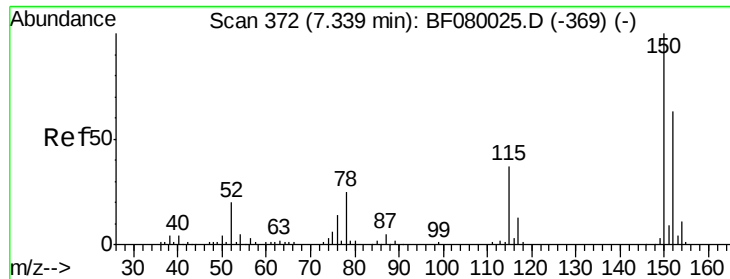
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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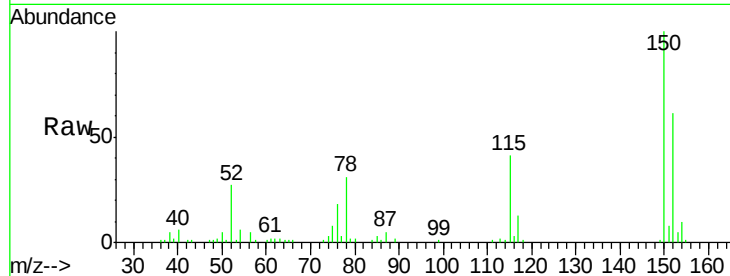


#1

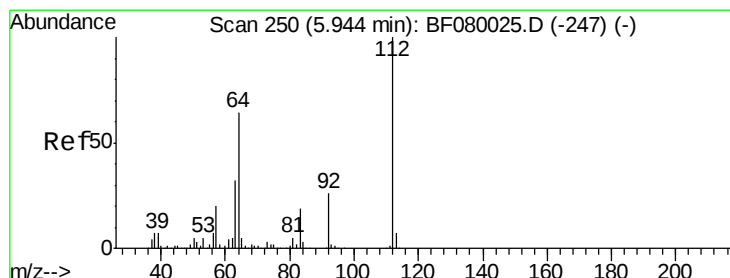
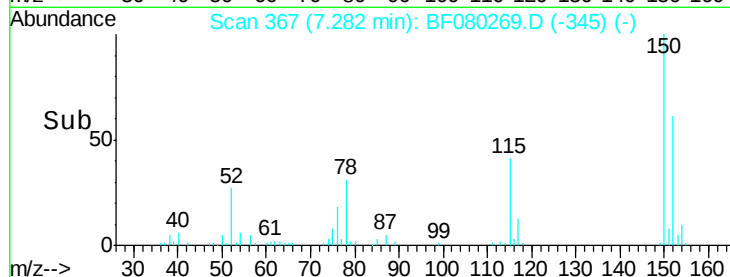
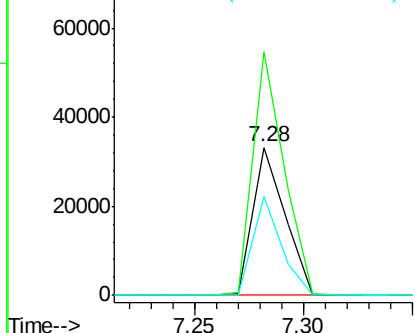
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.28 min Scan# 367
Delta R.T. -0.05 min
Lab File: BF080269.D
Acq: 1 Jul 2015 10:45

Instrument :
BNA_F
ClientSampleId :
SP-4(0-2)

Tgt Ion:152 Resp: 34041
Ion Ratio Lower Upper
152 100
150 164.4 124.7 187.1
115 66.9 39.0 58.4#



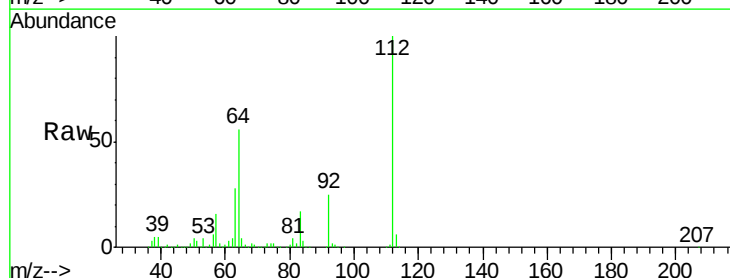
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



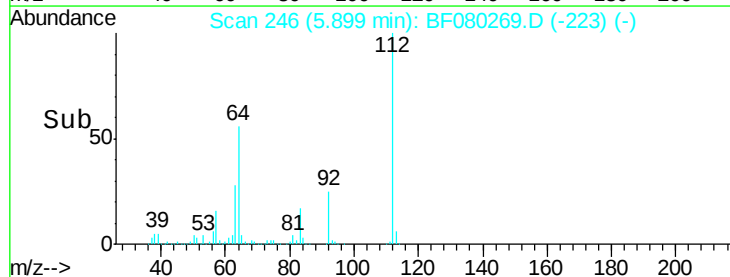
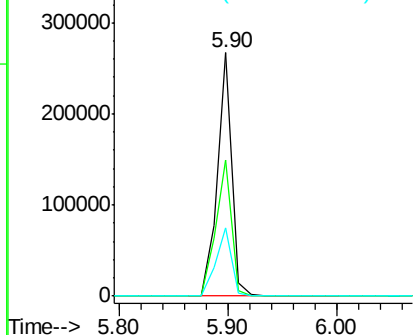
#5

2-Fluorophenol
Concen: 129.67 ng
RT: 5.90 min Scan# 246
Delta R.T. -0.03 min
Lab File: BF080269.D
Acq: 1 Jul 2015 10:45

Tgt Ion:112 Resp: 249355
Ion Ratio Lower Upper
112 100
64 56.1 39.7 59.5
63 27.9 17.4 26.0#



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: 122.39 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080269.D

Acq: 1 Jul 2015 10:45

Instrument :

BNA_F

ClientSampleId :

SP-4(0-2)

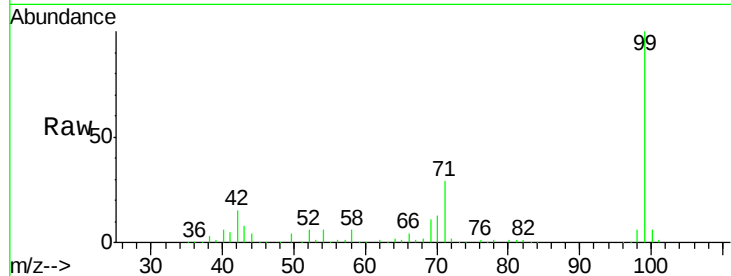
Tgt Ion: 99 Resp: 313190

Ion Ratio Lower Upper

99 100

42 15.5 13.7 20.5

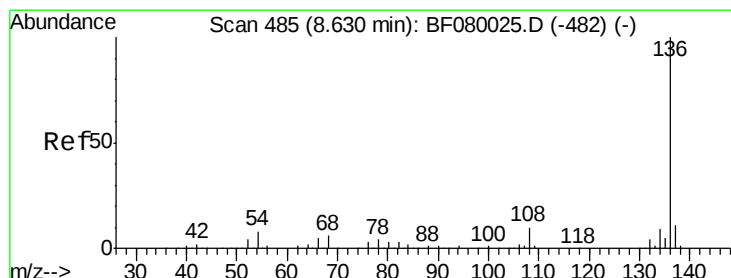
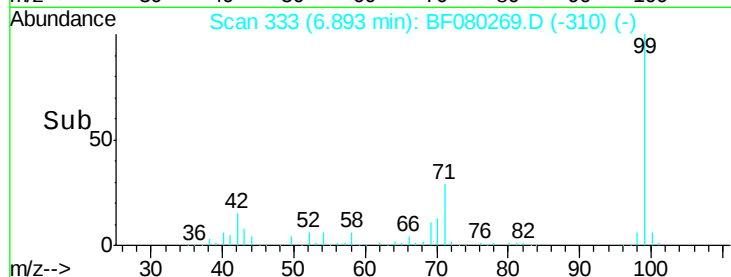
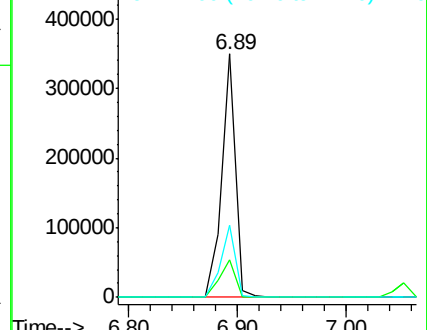
71 29.4 14.2 21.2#



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: 8.57 min Scan# 480

Delta R.T. -0.05 min

Lab File: BF080269.D

Acq: 1 Jul 2015 10:45

Tgt Ion: 136 Resp: 137324

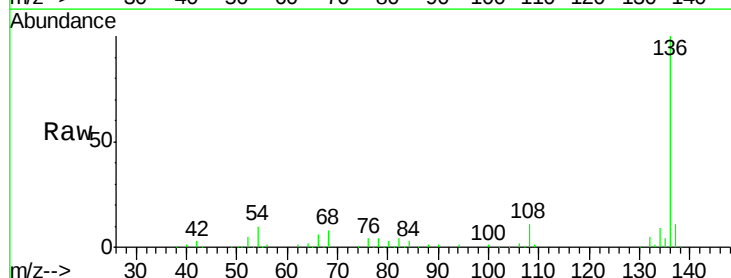
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 10.4 8.2 12.2

68 7.8 5.8 8.6

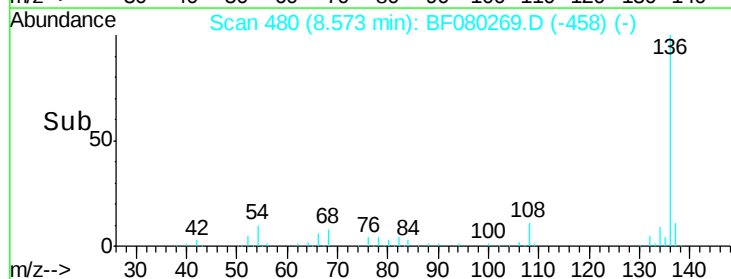
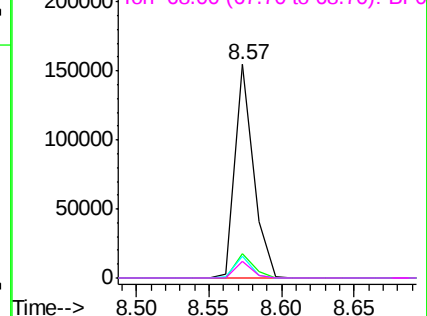


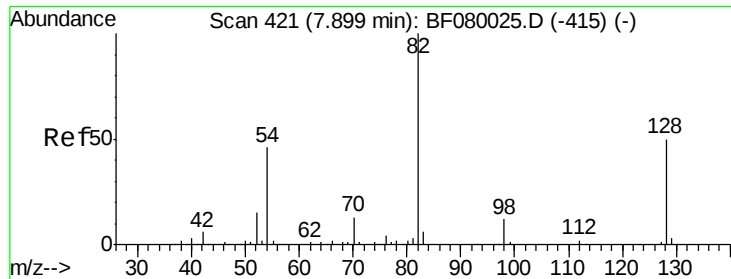
Abundance Ion 136.00 (135.70 to 136.70): E

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

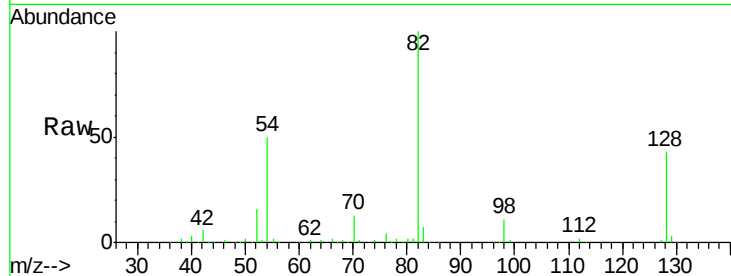




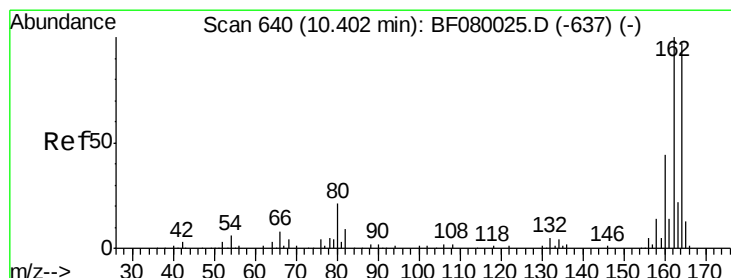
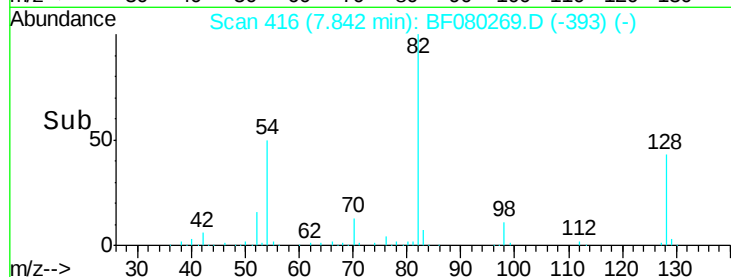
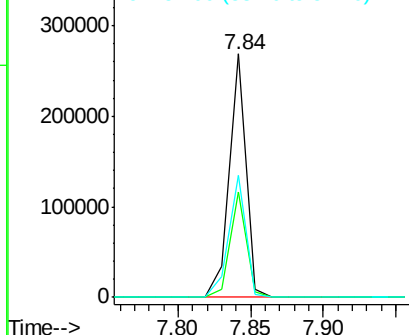
#23
 Nitrobenzene-d5
 Concen: 91.31 ng
 RT: 7.84 min Scan# 416
 Delta R.T. -0.03 min
 Lab File: BF080269.D
 Acq: 1 Jul 2015 10:45

Instrument :
 BNA_F
 ClientSampled :
 SP-4(0-2)

Tgt Ion: 82 Resp: 215390
 Ion Ratio Lower Upper
 82 100
 128 43.0 51.0 76.6#
 54 50.3 47.5 71.3

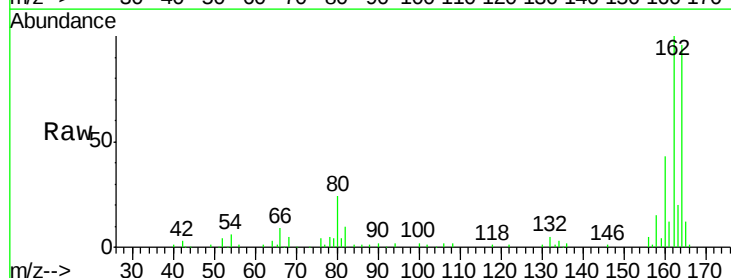


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

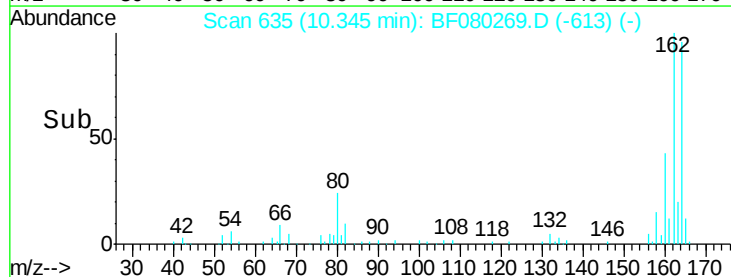
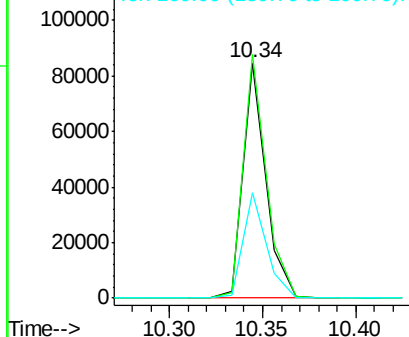


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.34 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF080269.D
 Acq: 1 Jul 2015 10:45

Tgt Ion: 164 Resp: 71781
 Ion Ratio Lower Upper
 164 100
 162 103.7 75.2 112.8
 160 45.0 31.5 47.3



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

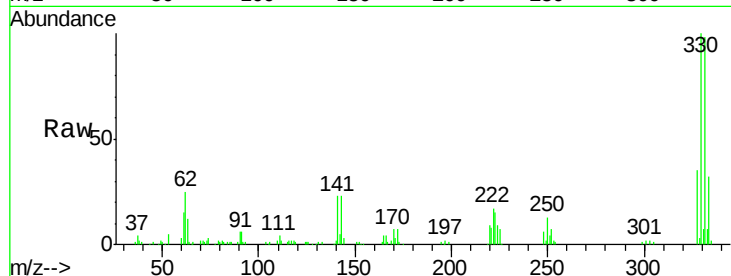




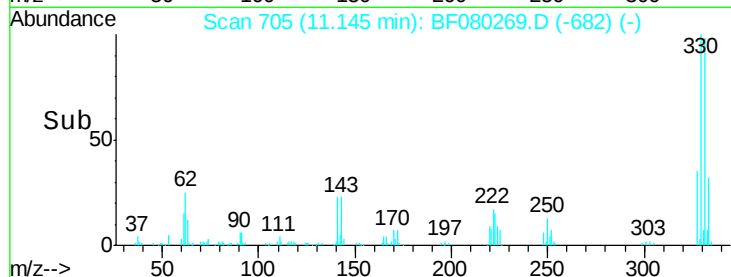
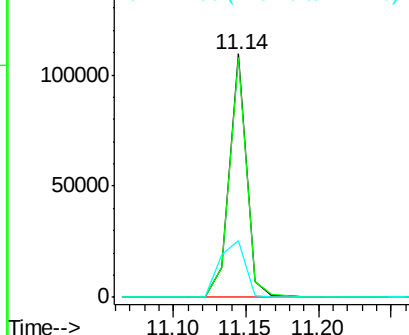
#41
 2,4,6-Tribromophenol
 Concen: 129.31 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF080269.D
 Acq: 1 Jul 2015 10:45

Instrument :
 BNA_F
 ClientSampleId :
 SP-4(0-2)

Tgt Ion:330 Resp: 90767
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.6 114.8
 141 34.8 29.7 44.5

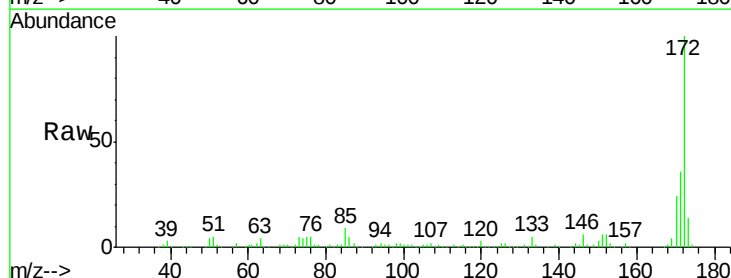


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

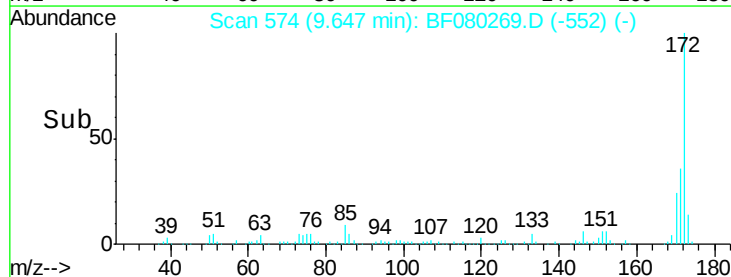
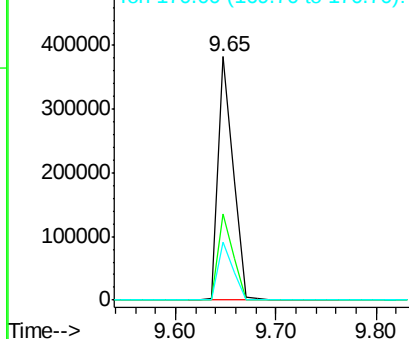


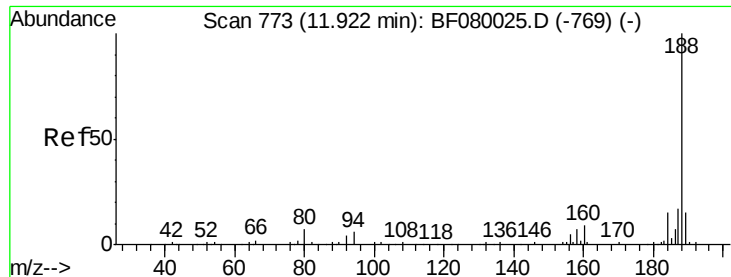
#44
 2-Fluorobiphenyl
 Concen: 79.26 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF080269.D
 Acq: 1 Jul 2015 10:45

Tgt Ion:172 Resp: 398931
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 23.9 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

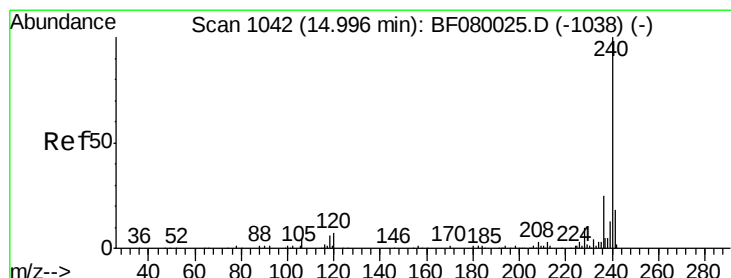
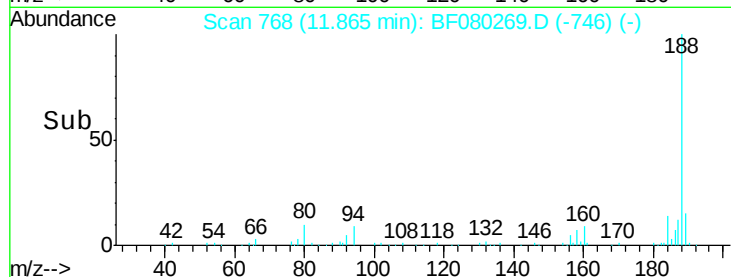
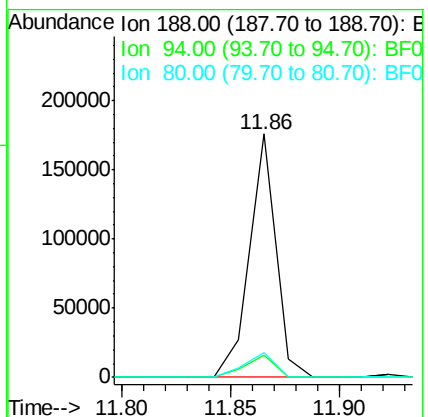
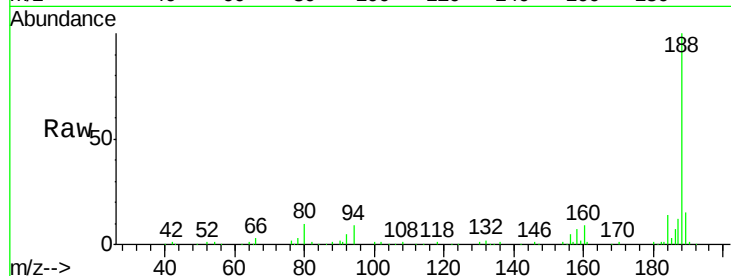




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.86 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF080269.D
Acq: 1 Jul 2015 10:45

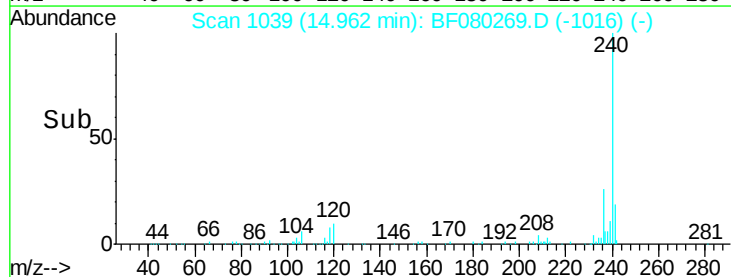
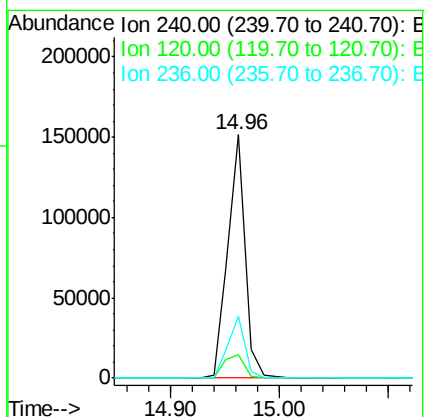
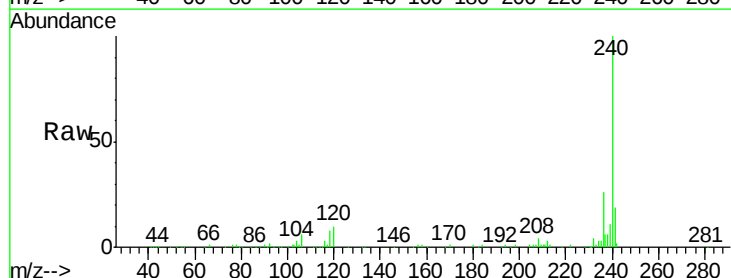
Instrument :
BNA_F
ClientSampleId :
SP-4(0-2)

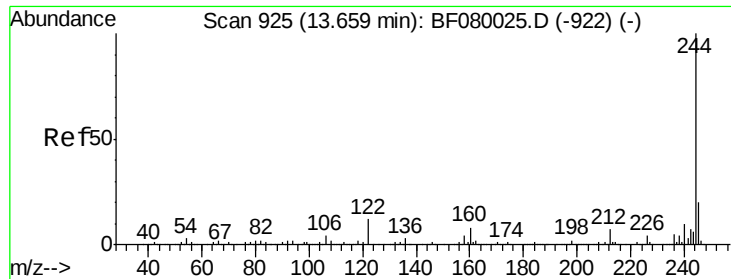
Tgt Ion:188 Resp: 148461
Ion Ratio Lower Upper
188 100
94 9.2 11.1 16.7#
80 10.0 11.0 16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 1039
Delta R.T. -0.03 min
Lab File: BF080269.D
Acq: 1 Jul 2015 10:45

Tgt Ion:240 Resp: 166361
Ion Ratio Lower Upper
240 100
120 9.7 16.2 24.2#
236 25.6 18.4 27.6

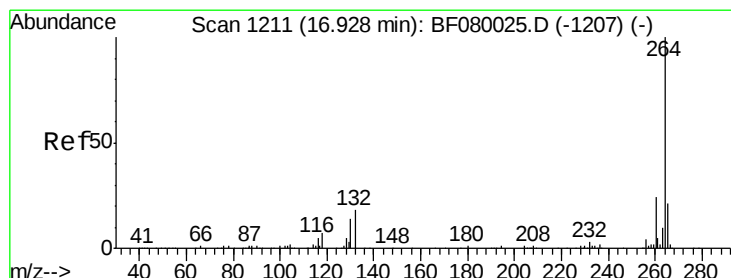
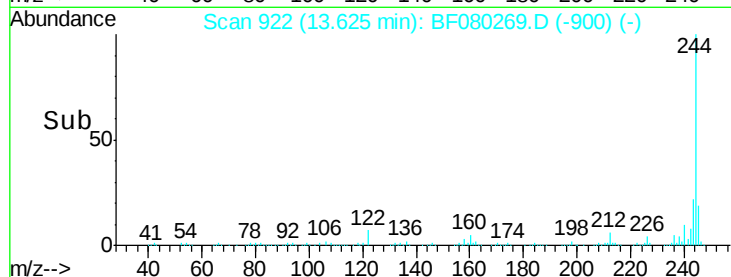
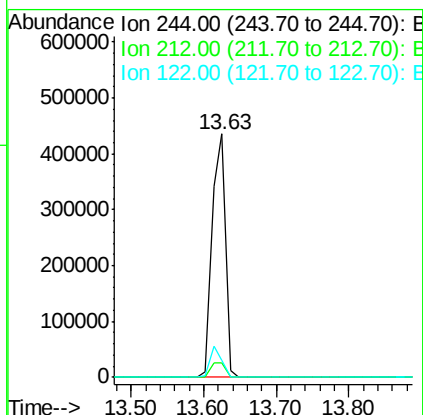
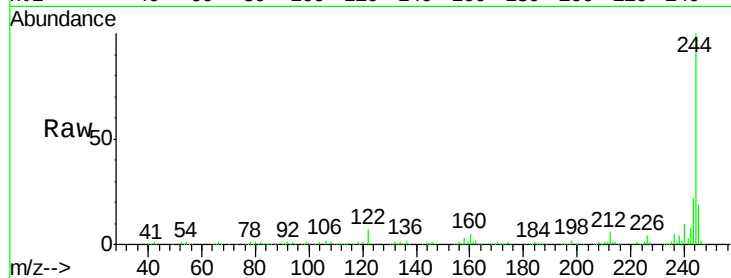




#78
 Terphenyl-d14
 Concen: 77.73 ng
 RT: 13.63 min Scan# 922
 Delta R.T. -0.05 min
 Lab File: BF080269.D
 Acq: 1 Jul 2015 10:45

Instrument :
 BNA_F
 ClientSampleId :
 SP-4(0-2)

Tgt Ion:244 Resp: 553674
 Ion Ratio Lower Upper
 244 100
 212 6.2 4.3 6.5
 122 6.8 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.89 min Scan# 1208
 Delta R.T. -0.03 min
 Lab File: BF080269.D
 Acq: 1 Jul 2015 10:45

Tgt Ion:264 Resp: 164618
 Ion Ratio Lower Upper
 264 100
 260 24.0 16.7 25.1
 265 21.8 17.2 25.8

