

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
 Data File : BF080267.D
 Acq On : 1 Jul 2015 9:47
 Operator : TP/IZ
 Sample : G2831-10
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

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

Quant Time: Jul 01 14:07:00 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	36912	20.00	ng	-0.05
21) Naphthalene-d8	8.57	136	146165	20.00	ng	-0.05
38) Acenaphthene-d10	10.34	164	74722	20.00	ng	-0.05
63) Phenanthrene-d10	11.86	188	153373	20.00	ng	-0.05
75) Chrysene-d12	14.99	240	166696	20.00	ng	-0.01
86) Perylene-d12	16.95	264	170212	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	258450	123.94	ng	-0.03
7) Phenol-d6	6.89	99	322608	116.26	ng	-0.03
23) Nitrobenzene-d5	7.84	82	228311	90.93	ng	-0.03
41) 2,4,6-Tribromophenol	11.14	330	92090	126.04	ng	-0.03
44) 2-Fluorobiphenyl	9.65	172	412821	78.79	ng	-0.05
78) Terphenyl-d14	13.63	244	536387	75.15	ng	-0.05

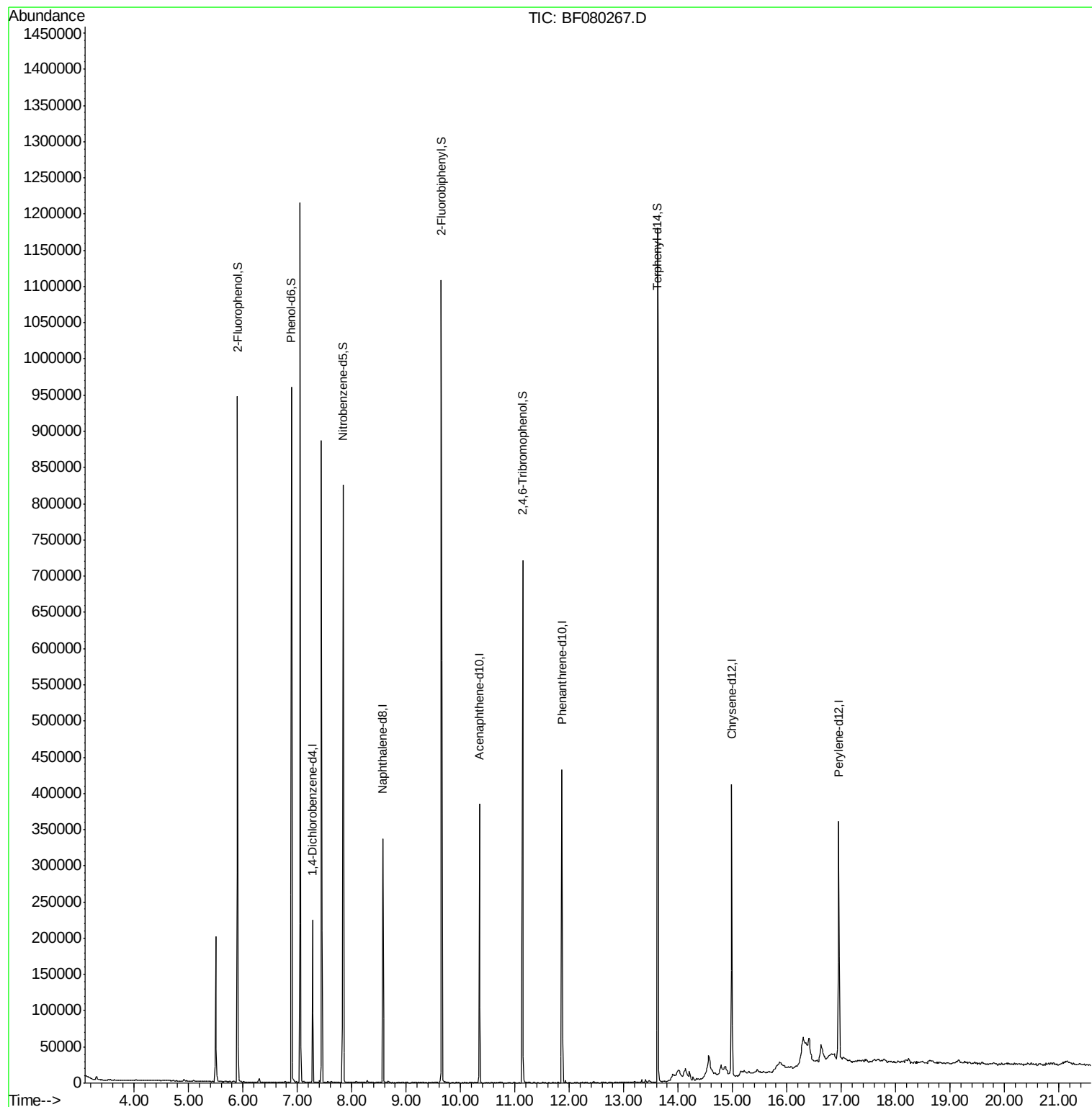
Target Compounds	Qvalue
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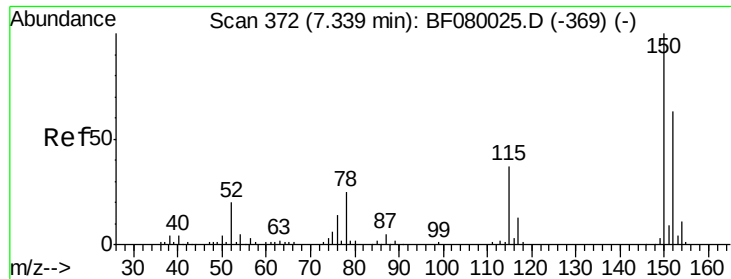
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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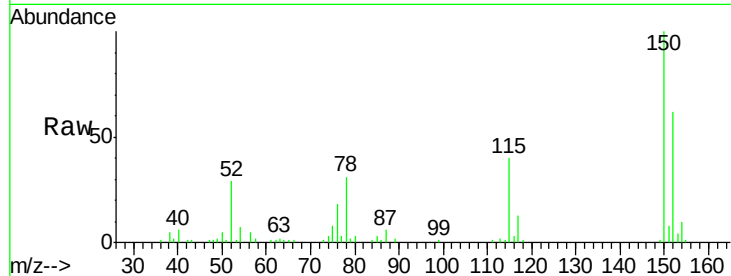




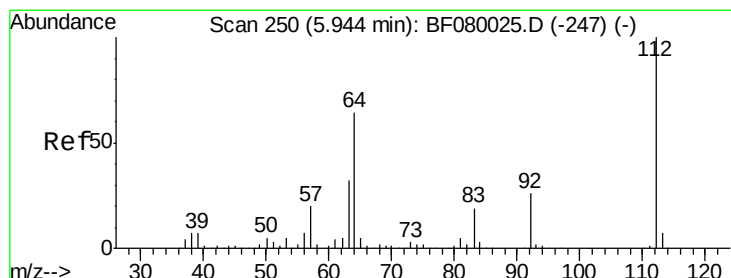
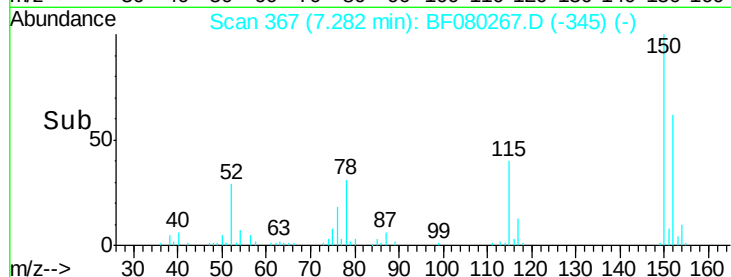
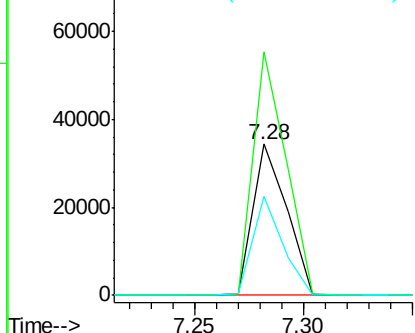
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.28 min Scan# 367
 Delta R.T. -0.05 min
 Lab File: BF080267.D
 Acq: 1 Jul 2015 9:47

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

Tgt Ion:152 Resp: 36912
 Ion Ratio Lower Upper
 152 100
 150 161.3 124.7 187.1
 115 65.2 39.0 58.4#

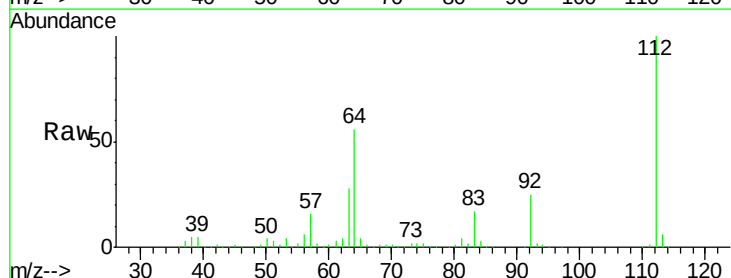


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

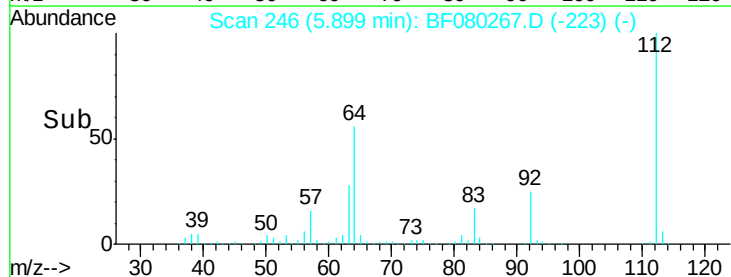
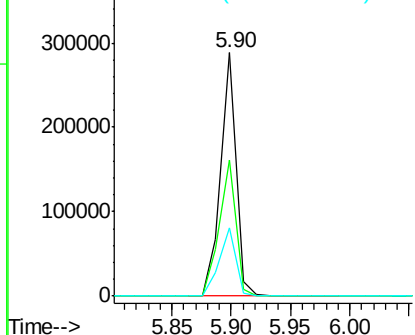


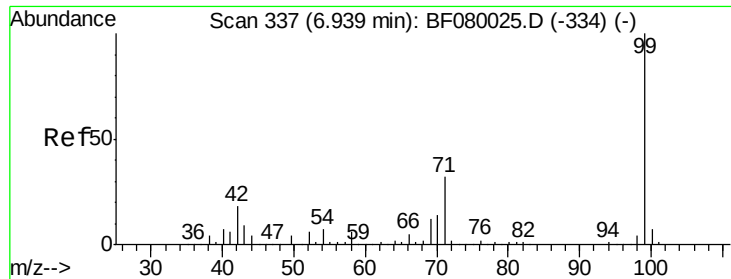
#5
 2-Fluorophenol
 Concen: 123.94 ng
 RT: 5.90 min Scan# 246
 Delta R.T. -0.03 min
 Lab File: BF080267.D
 Acq: 1 Jul 2015 9:47

Tgt Ion:112 Resp: 258450
 Ion Ratio Lower Upper
 112 100
 64 56.2 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: 116.26 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080267.D

Acq: 1 Jul 2015 9:47

Instrument :

BNA_F

ClientSampleId :

SP-2(0-2)

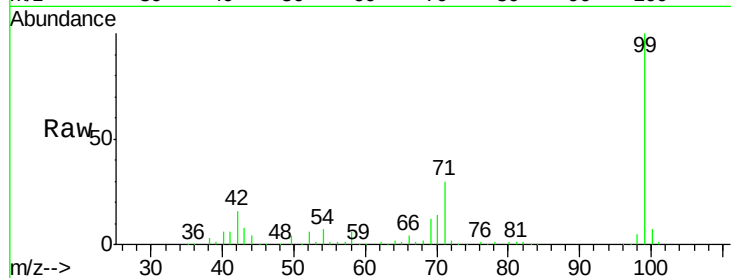
Tgt Ion: 99 Resp: 322608

Ion Ratio Lower Upper

99 100

42 16.2 13.7 20.5

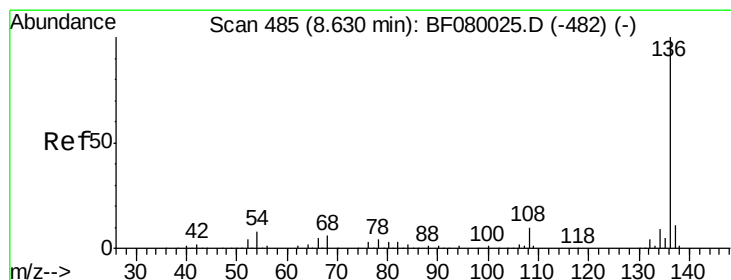
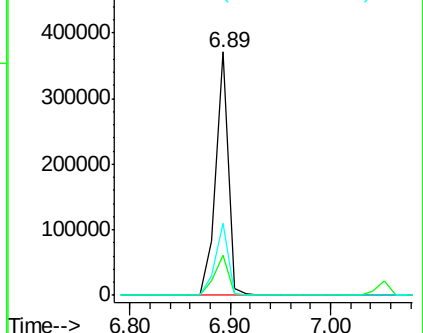
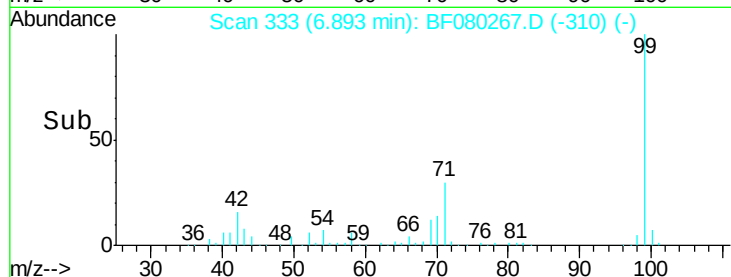
71 29.6 14.2 21.2#



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: BF080267.D

Acq: 1 Jul 2015 9:47

Tgt Ion: 136 Resp: 146165

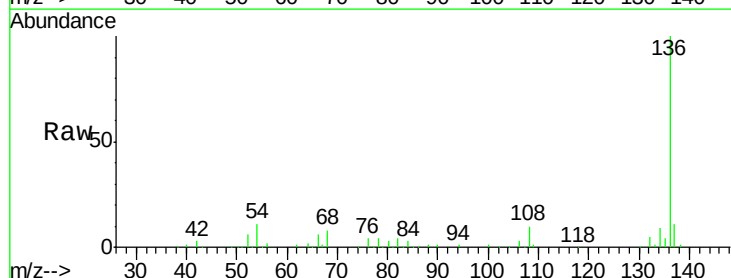
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 10.7 8.2 12.2

68 7.9 5.8 8.6

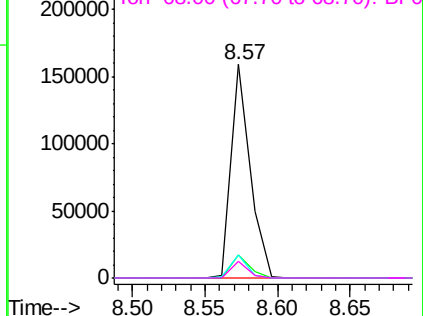
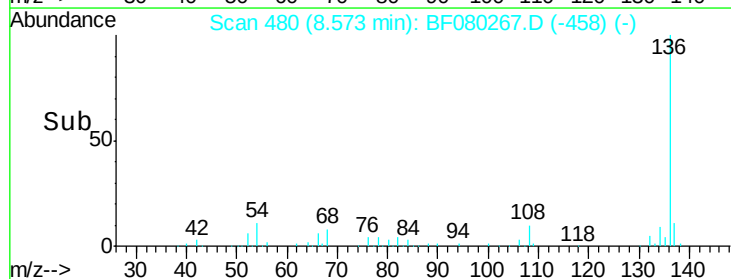


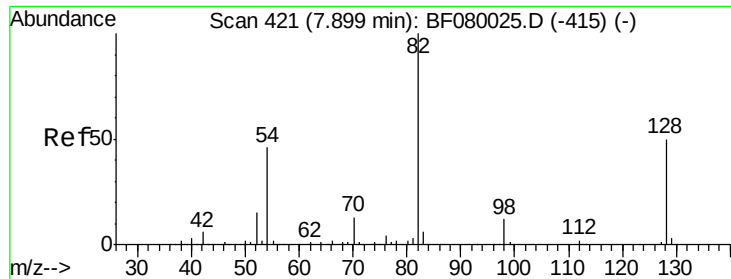
Abundance Ion 136.00 (135.70 to 136.70): E

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

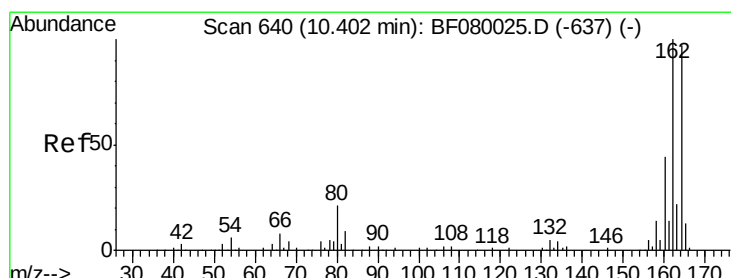
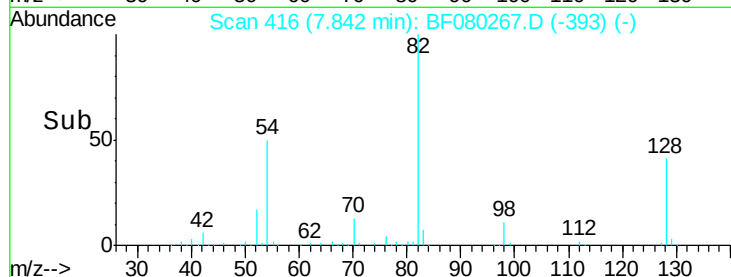
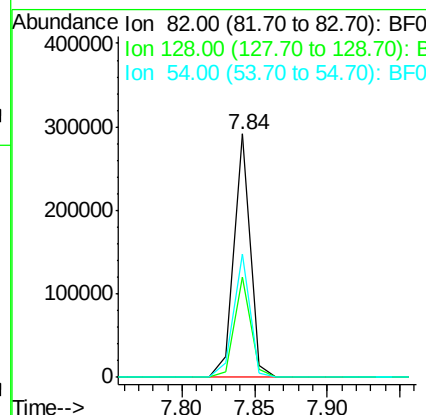
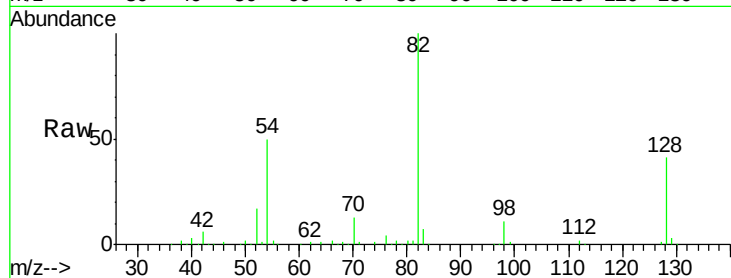




#23
 Nitrobenzene-d5
 Concen: 90.93 ng
 RT: 7.84 min Scan# 416
 Delta R.T. -0.03 min
 Lab File: BF080267.D
 Acq: 1 Jul 2015 9:47

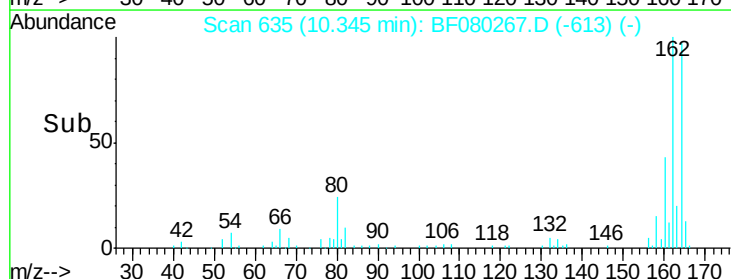
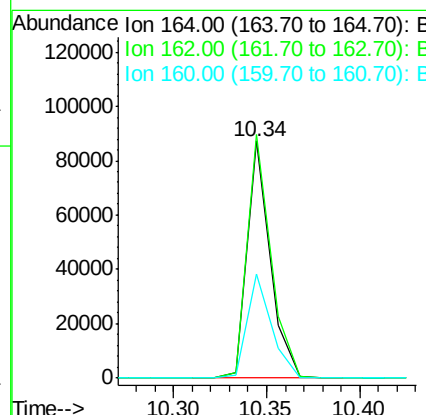
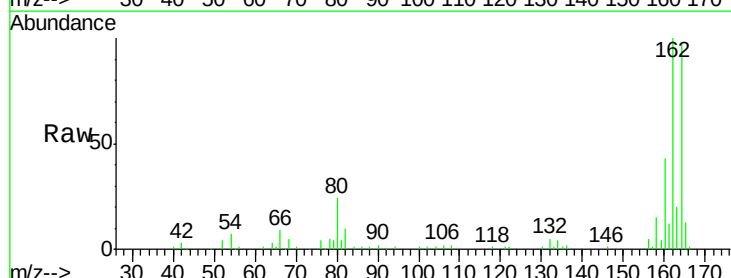
Instrument :
 BNA_F
 ClientSampleId :
 SP-2(0-2)

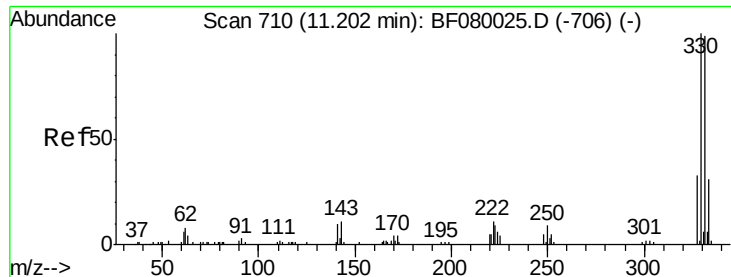
Tgt Ion: 82 Resp: 228311
 Ion Ratio Lower Upper
 82 100
 128 41.3 51.0 76.6#
 54 50.5 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.34 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF080267.D
 Acq: 1 Jul 2015 9:47

Tgt Ion: 164 Resp: 74722
 Ion Ratio Lower Upper
 164 100
 162 102.8 75.2 112.8
 160 44.1 31.5 47.3

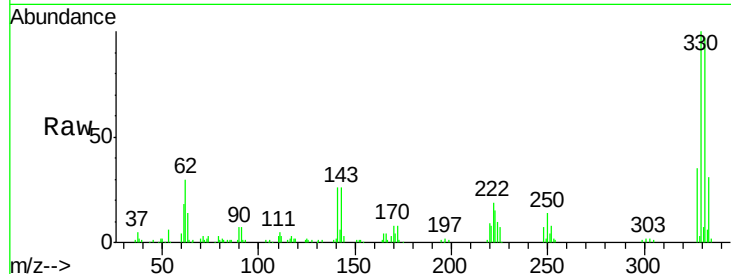




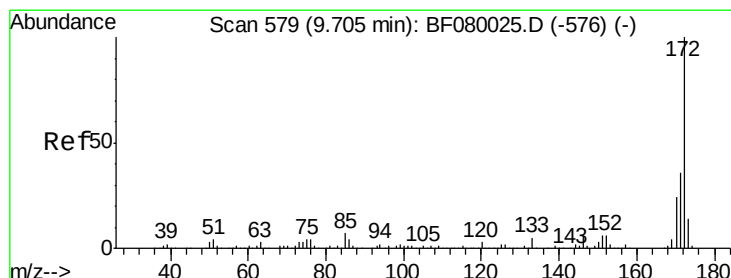
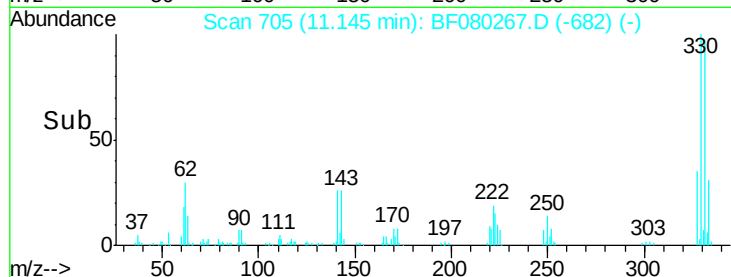
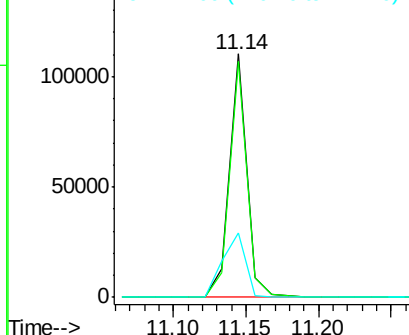
#41
 2,4,6-Tribromophenol
 Concen: 126.04 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF080267.D
 Acq: 1 Jul 2015 9:47

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

Tgt Ion:330 Resp: 92090
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 34.9 29.7 44.5

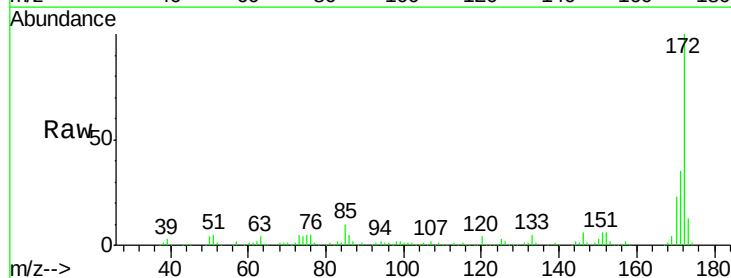


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

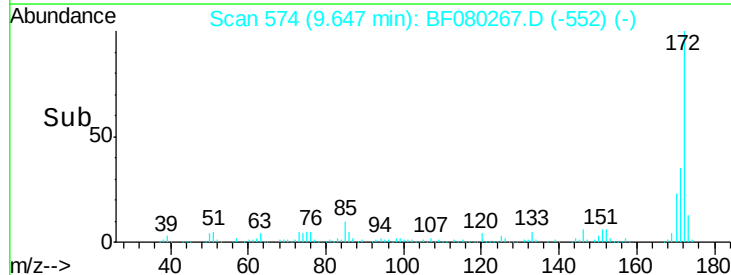
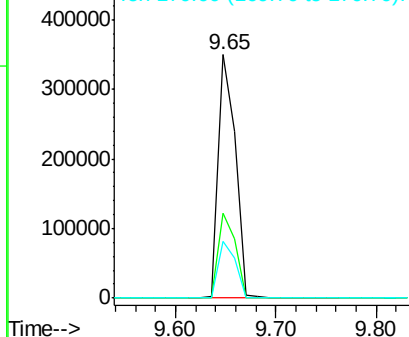


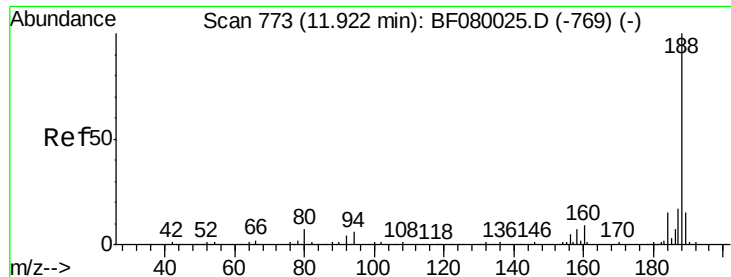
#44
 2-Fluorobiphenyl
 Concen: 78.79 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF080267.D
 Acq: 1 Jul 2015 9:47

Tgt Ion:172 Resp: 412821
 Ion Ratio Lower Upper
 172 100
 171 35.1 26.1 39.1
 170 23.2 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

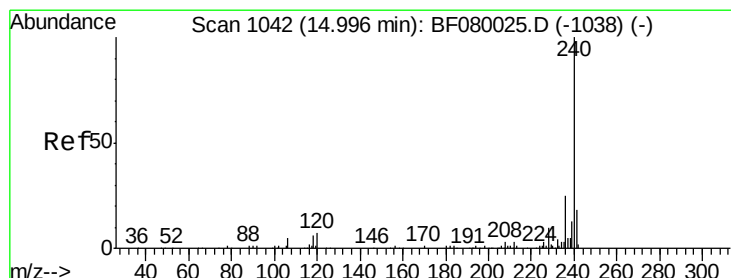
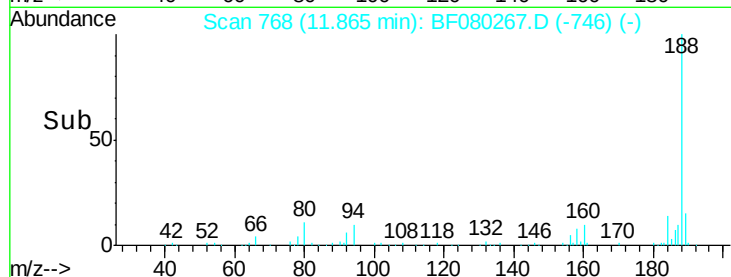
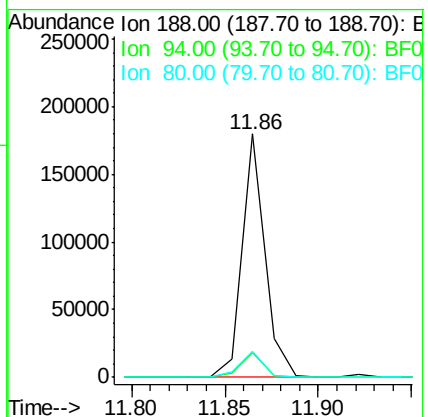
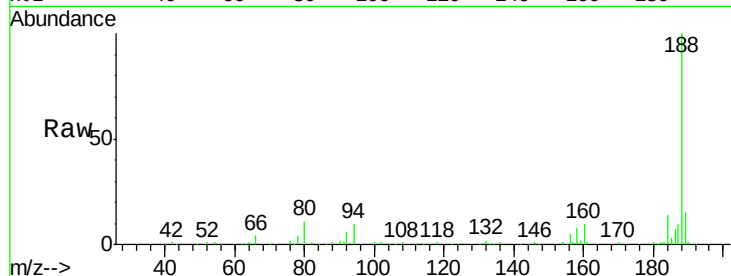




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.86 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF080267.D
Acq: 1 Jul 2015 9:47

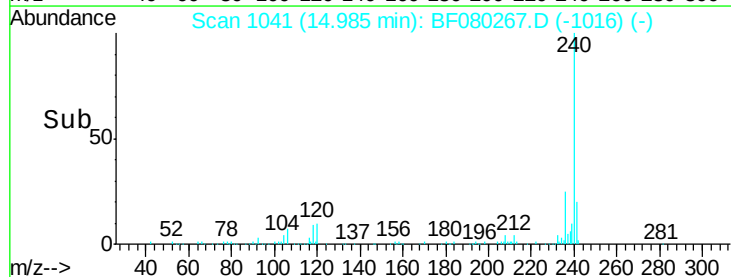
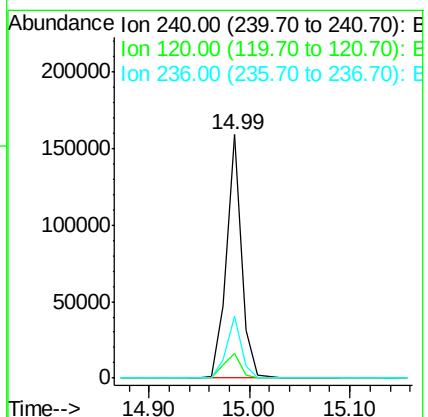
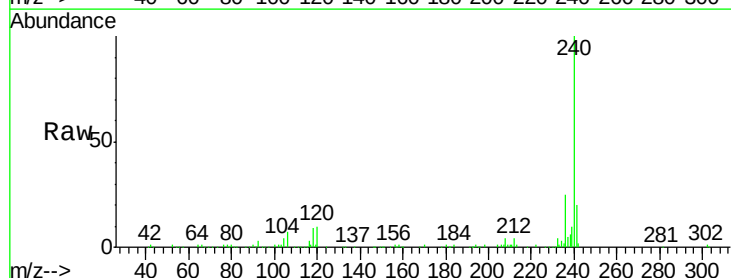
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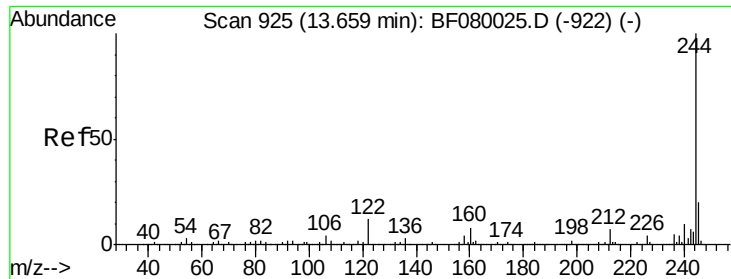
Tgt Ion:188 Resp: 153373
Ion Ratio Lower Upper
188 100
94 10.1 11.1 16.7#
80 10.6 11.0 16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF080267.D
Acq: 1 Jul 2015 9:47

Tgt Ion:240 Resp: 166696
Ion Ratio Lower Upper
240 100
120 10.1 16.2 24.2#
236 25.3 18.4 27.6

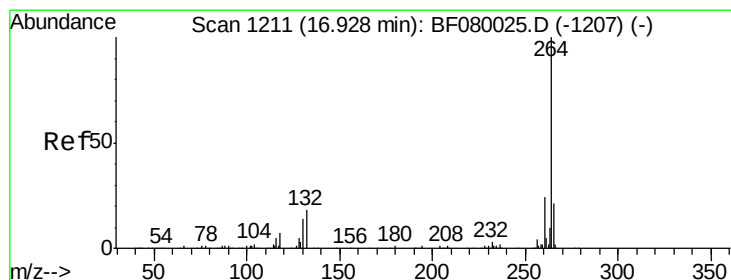
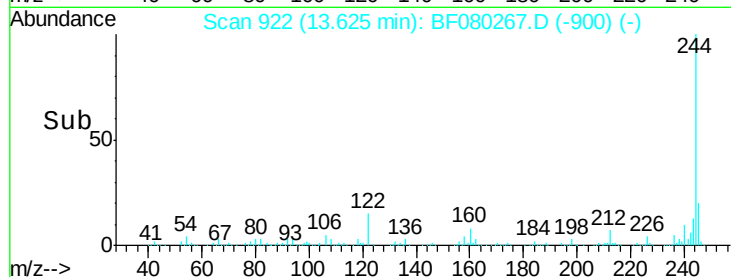
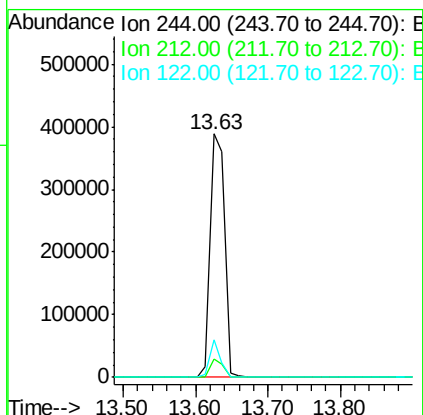
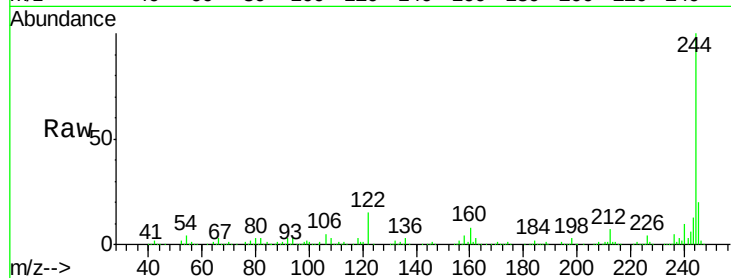




#78
 Terphenyl-d14
 Concen: 75.15 ng
 RT: 13.63 min Scan# 922
 Delta R.T. -0.05 min
 Lab File: BF080267.D
 Acq: 1 Jul 2015 9:47

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

Tgt Ion:244 Resp: 536387
 Ion Ratio Lower Upper
 244 100
 212 7.3 4.3 6.5#
 122 15.3 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.95 min Scan# 1213
 Delta R.T. 0.02 min
 Lab File: BF080267.D
 Acq: 1 Jul 2015 9:47

Tgt Ion:264 Resp: 170212
 Ion Ratio Lower Upper
 264 100
 260 23.9 16.7 25.1
 265 21.2 17.2 25.8

