

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
 Data File : BF080577.D
 Acq On : 23 Jul 2015 2:33
 Operator : TP/UM
 Sample : G3027-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-12.0-12.5

Quant Time: Jul 23 05:50:07 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 23 05:13:42 2015
 Response via : Initial Calibration

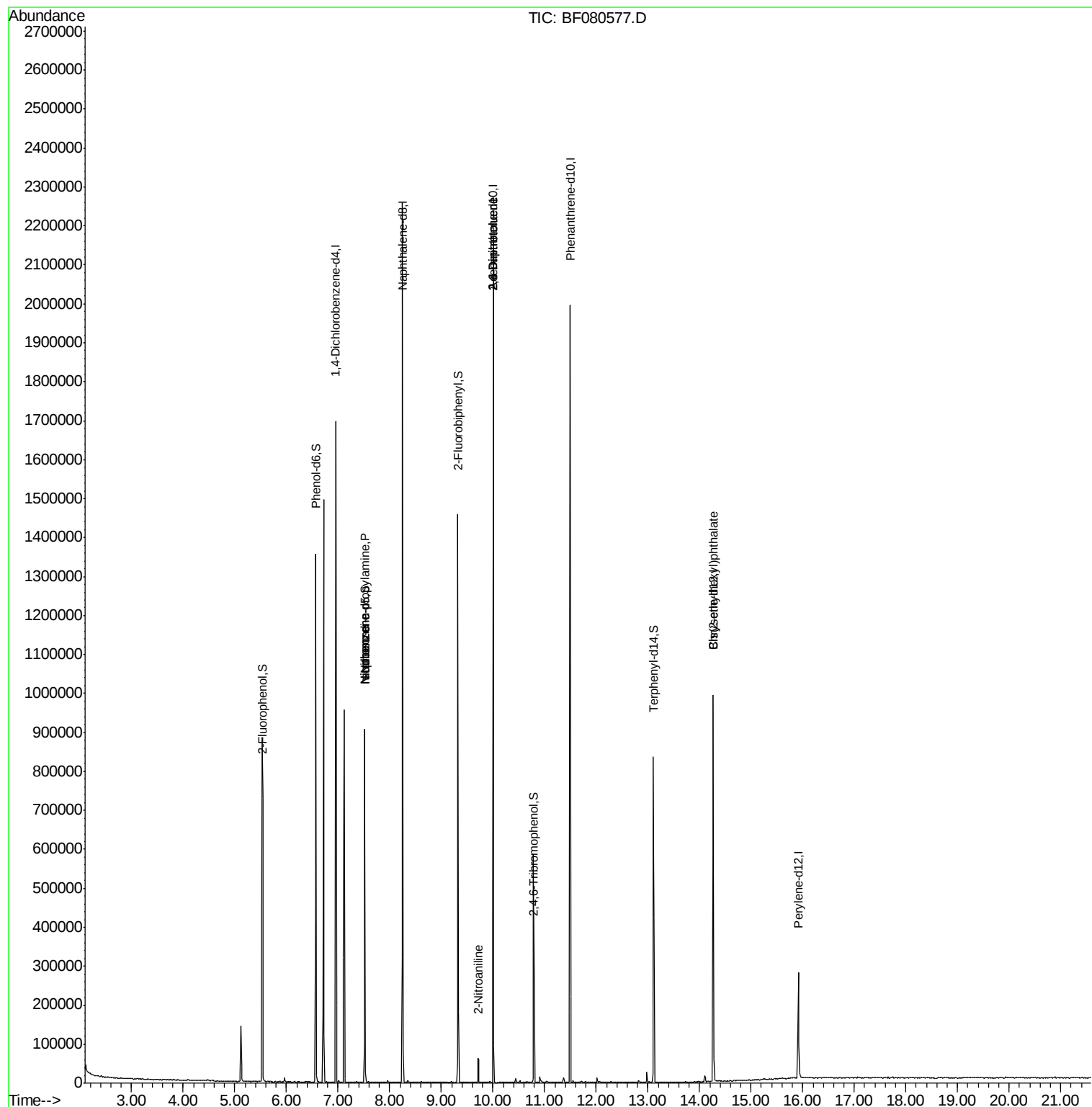
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	201539	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	826292	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	386044	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	629151	20.00	ng	0.00
75) Chrysene-d12	14.27	240	434289	20.00	ng	-0.05
86) Perylene-d12	15.92	264	132461	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	285427	25.11	ng	0.01
7) Phenol-d6	6.57	99	390138	27.87	ng	0.00
23) Nitrobenzene-d5	7.52	82	222514	17.35	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	61964	27.54	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	373237	13.90	ng	0.00
78) Terphenyl-d14	13.11	244	295899	13.97	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	31508	3.51	ng	# 78
24) Nitrobenzene	7.52	77	599	4.37	ng	# 31
25) Isophorone	7.52	82	202953	7.49	ng	# 66
47) 2-Nitroaniline	9.71	65	291	2.52	ng	# 1
50) 2,6-Dinitrotoluene	10.01	165	50092	13.94	ng	# 15
56) 2,4-Dinitrotoluene	10.01	165	50095	16.48	ng	# 12
83) Bis(2-ethylhexyl)phthalate	14.27	149	301	3.10	ng	# 54

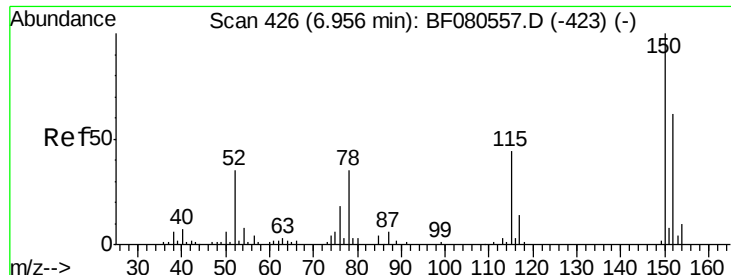
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : G3027-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-12.0-12.5

Quant Time: Jul 23 05:50:07 2015
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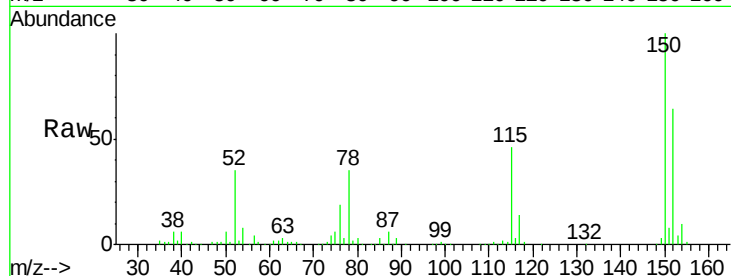




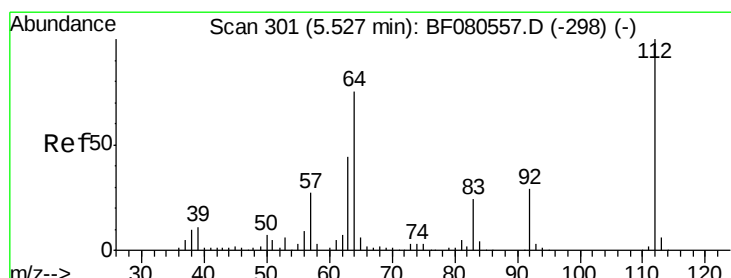
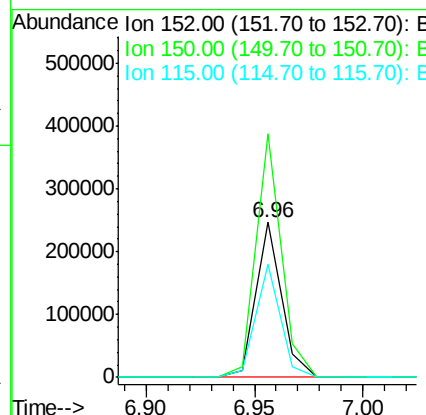
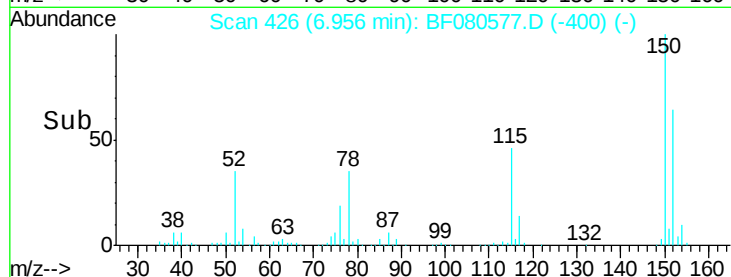
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BF080577.D
 Acq: 23 Jul 2015 2:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-12.0-12.5

Tgt Ion:152 Resp: 201539
 Ion Ratio Lower Upper
 152 100
 150 157.3 128.7 193.1
 115 72.8 56.8 85.2

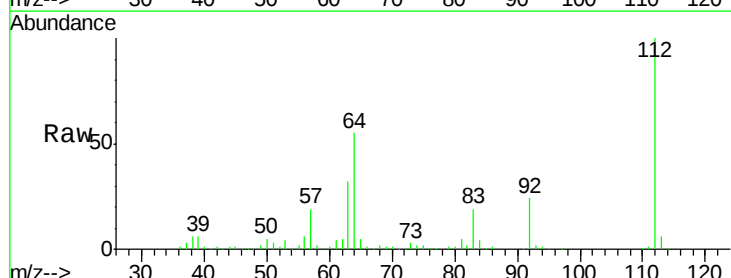


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

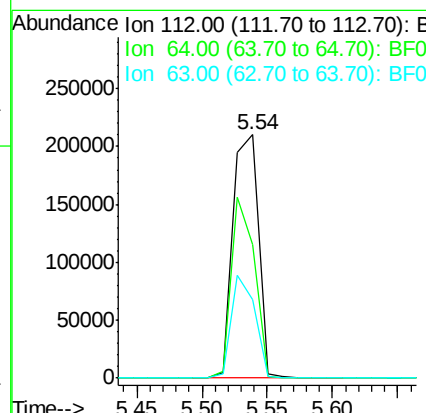
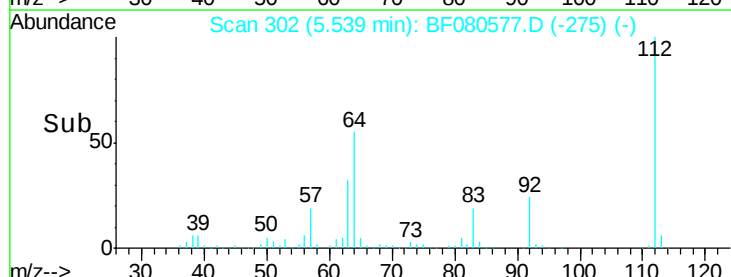


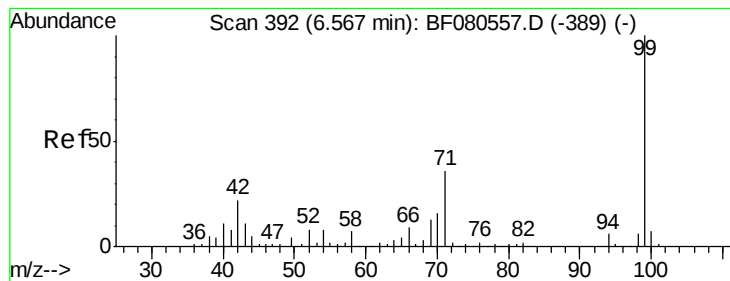
#5
 2-Fluorophenol
 Concen: 25.11 ng
 RT: 5.54 min Scan# 302
 Delta R.T. 0.01 min
 Lab File: BF080577.D
 Acq: 23 Jul 2015 2:33

Tgt Ion:112 Resp: 285427
 Ion Ratio Lower Upper
 112 100
 64 54.6 60.2 90.2#
 63 32.5 34.8 52.2#



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: 27.87 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF080577.D

Acq: 23 Jul 2015 2:33

Instrument :

BNA_F

ClientSampleId :

SB-01-12.0-12.5

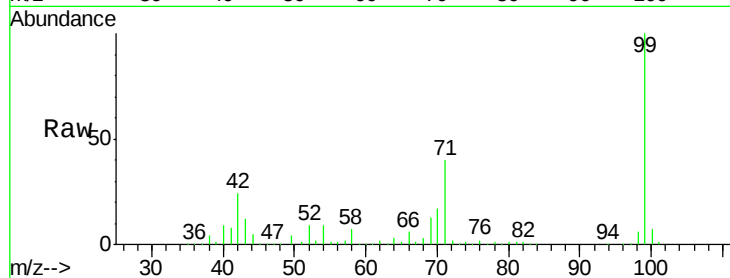
Tgt Ion: 99 Resp: 390138

Ion Ratio Lower Upper

99 100

42 23.9 17.4 26.2

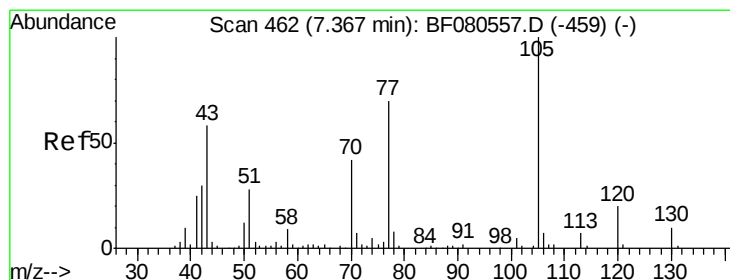
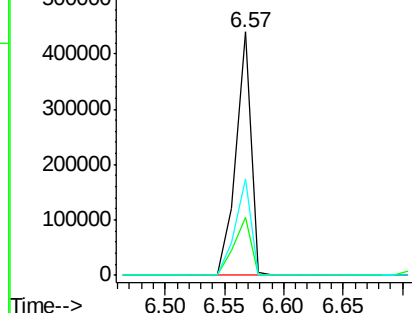
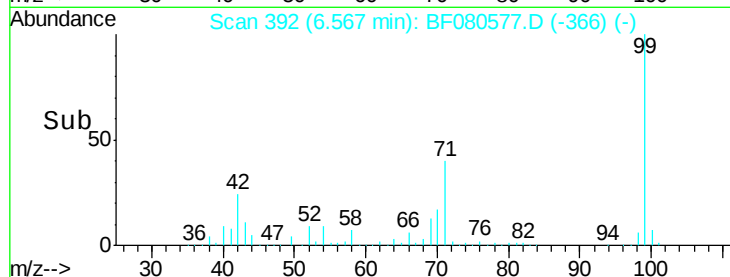
71 39.8 29.0 43.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 3.51 ng

RT: 7.52 min Scan# 475

Delta R.T. 0.15 min

Lab File: BF080577.D

Acq: 23 Jul 2015 2:33

Tgt Ion: 70 Resp: 31508

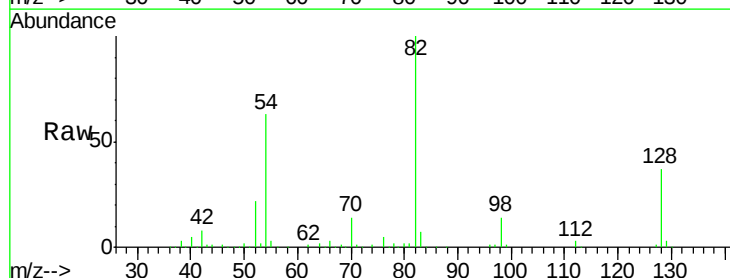
Ion Ratio Lower Upper

70 100

42 60.5 56.6 85.0

101 0.0 9.7 14.5#

130 1.0 19.1 28.7#

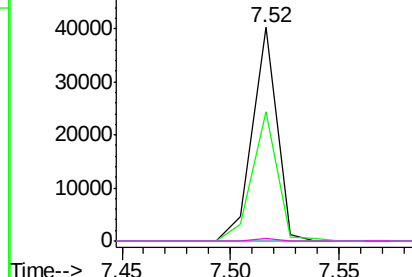
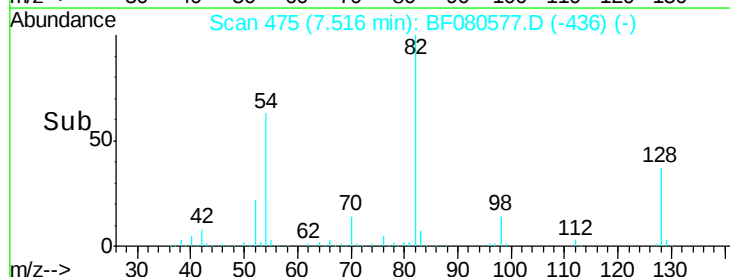


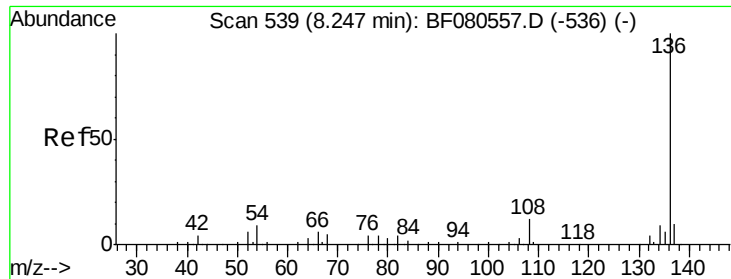
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

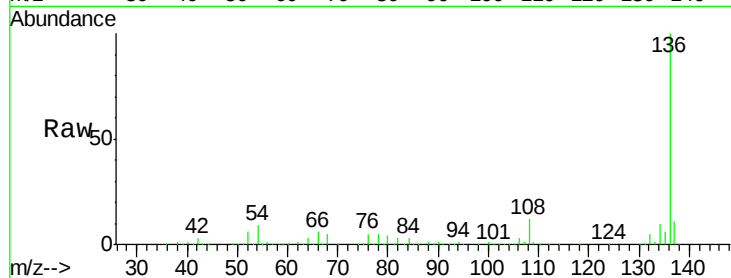




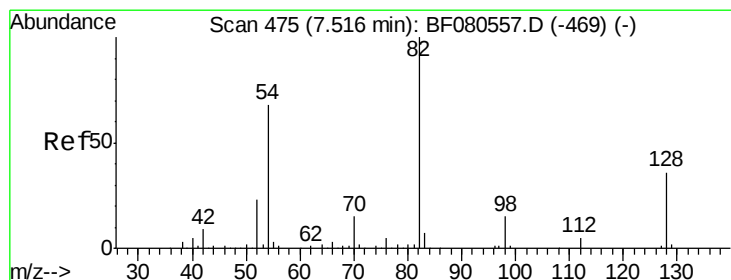
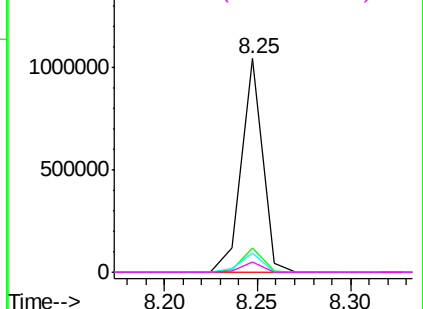
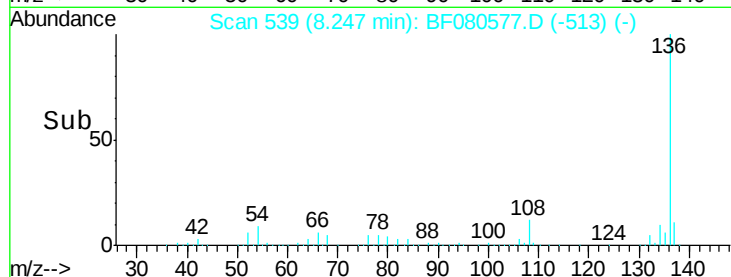
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF080577.D
Acq: 23 Jul 2015 2:33

Instrument :
BNA_F
ClientSampleId :
SB-01-12.0-12.5

Tgt Ion:	136	Resp:	826292
Ion	Ratio	Lower	Upper
136	100		
137	11.3	7.8	11.8
54	9.0	7.2	10.8
68	4.7	3.8	5.6

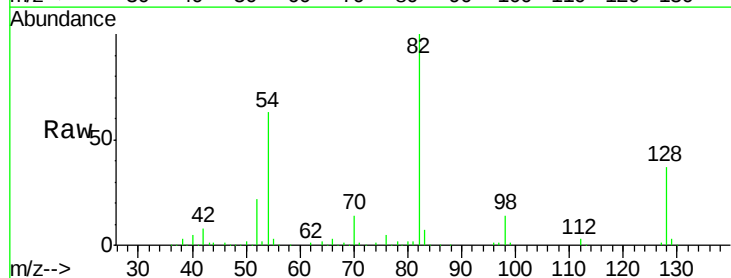


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

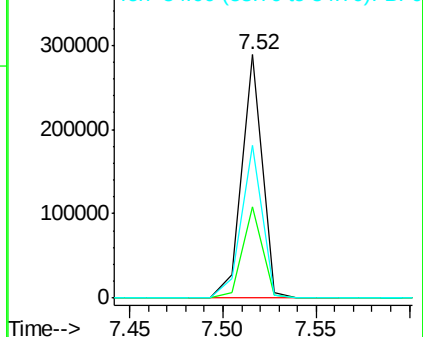
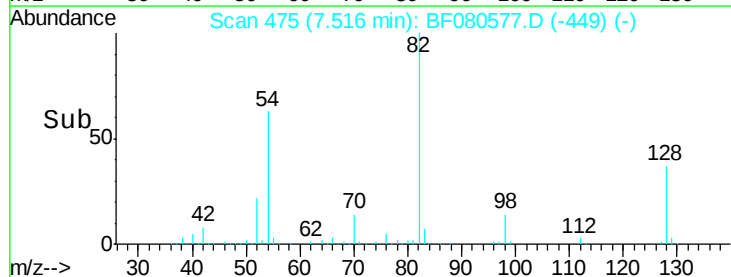


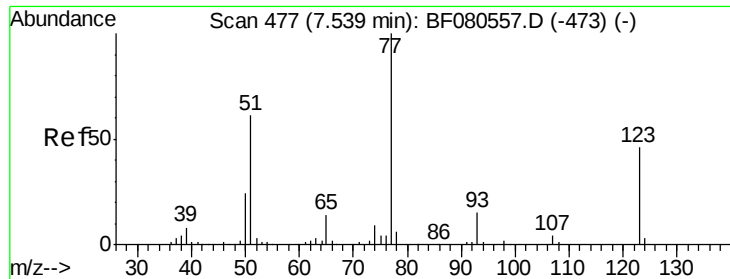
#23
Nitrobenzene-d5
Concen: 17.35 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.00 min
Lab File: BF080577.D
Acq: 23 Jul 2015 2:33

Tgt Ion:	82	Resp:	222514
Ion	Ratio	Lower	Upper
82	100		
128	37.3	28.9	43.3
54	62.6	54.5	81.7



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





#24

Nitrobenzene

Concen: 4.37 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF080577.D

Acq: 23 Jul 2015 2:33

Instrument :

BNA_F

ClientSampleId :

SB-01-12.0-12.5

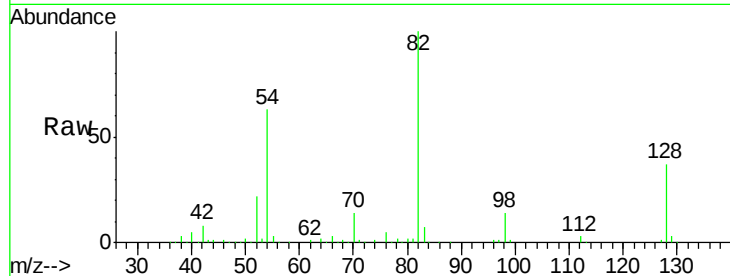
Tgt Ion: 77 Resp: 599

Ion Ratio Lower Upper

77 100

123 0.0 37.1 55.7#

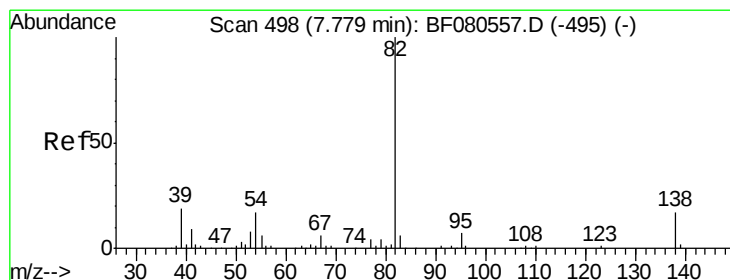
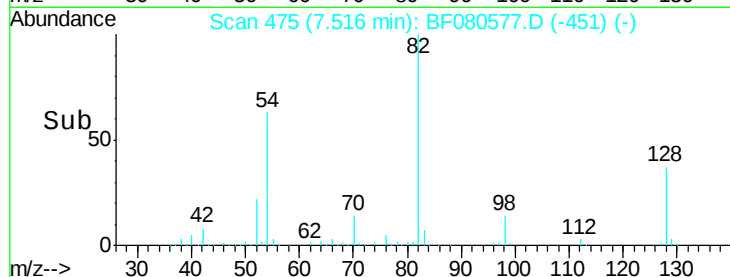
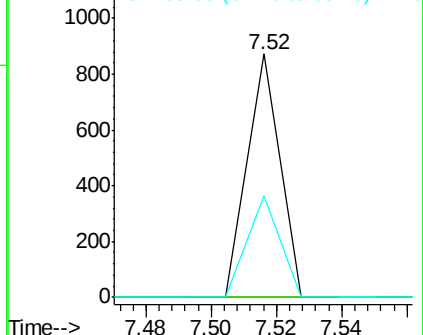
65 41.7 11.4 17.2#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 7.49 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.26 min

Lab File: BF080577.D

Acq: 23 Jul 2015 2:33

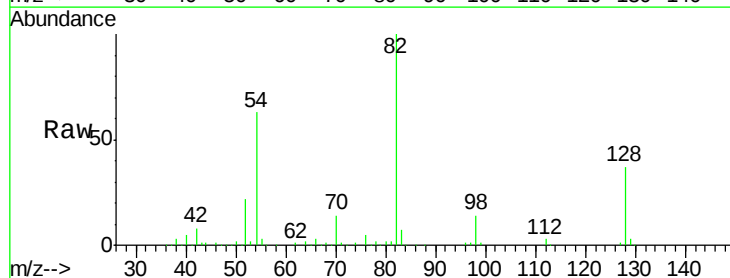
Tgt Ion: 82 Resp: 202953

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

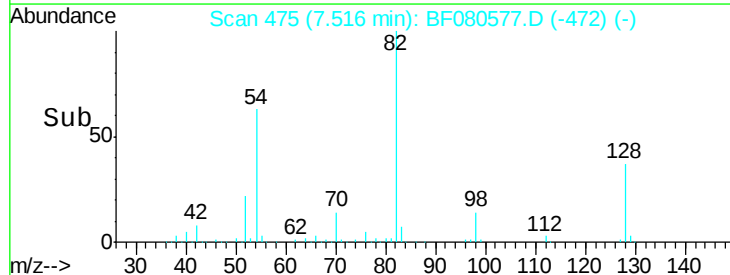
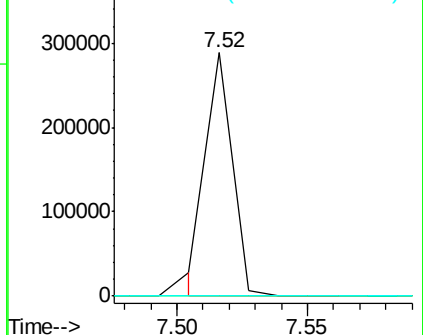
138 0.0 13.4 20.2#

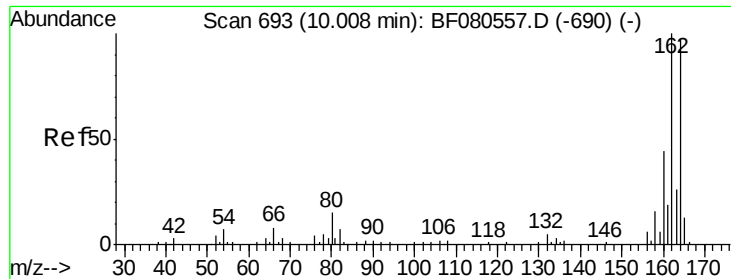


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

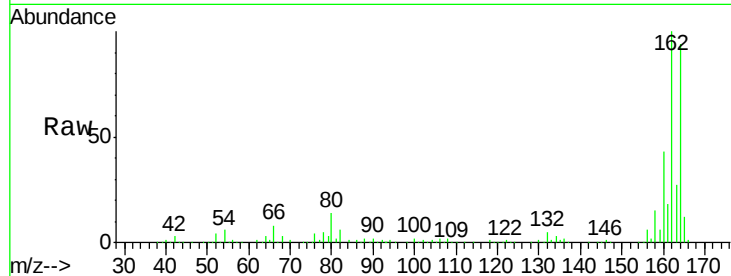




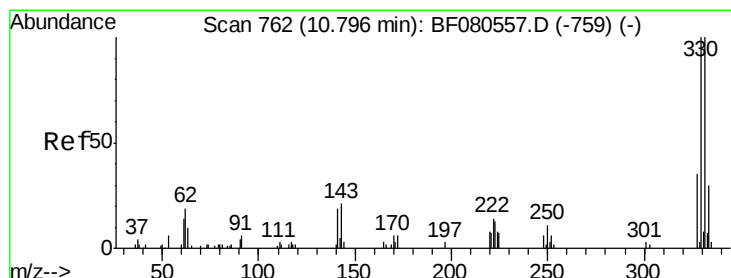
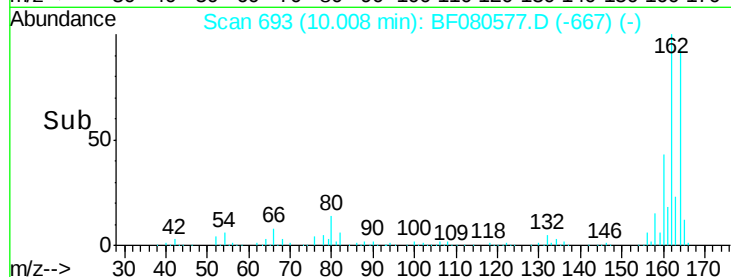
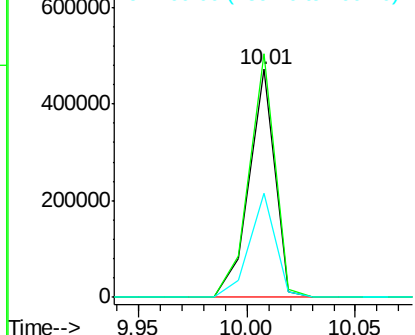
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF080577.D
 Acq: 23 Jul 2015 2:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-12.0-12.5

Tgt Ion:164 Resp: 386044
 Ion Ratio Lower Upper
 164 100
 162 106.8 82.2 123.4
 160 45.8 36.1 54.1

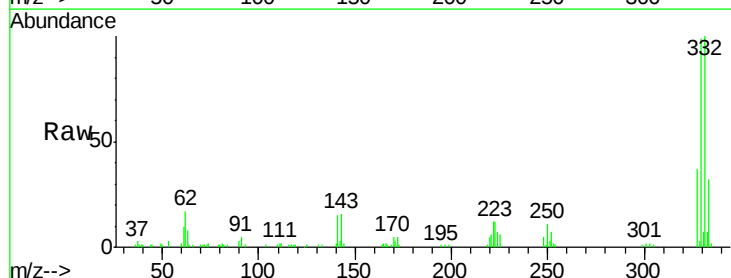


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

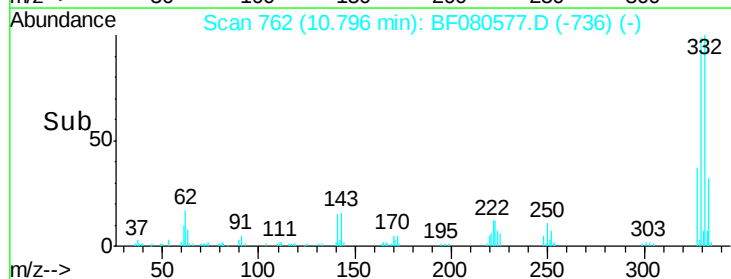
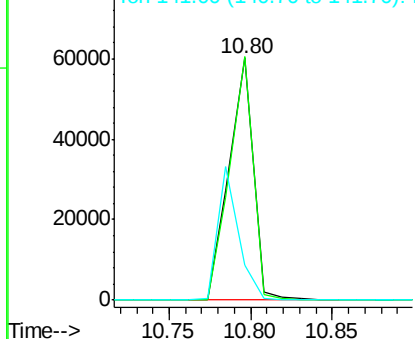


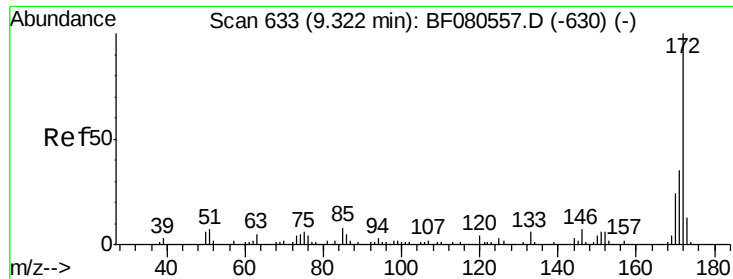
#41
 2,4,6-Tribromophenol
 Concen: 27.54 ng
 RT: 10.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF080577.D
 Acq: 23 Jul 2015 2:33

Tgt Ion:330 Resp: 61964
 Ion Ratio Lower Upper
 330 100
 332 97.5 78.3 117.5
 141 47.7 37.9 56.9



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

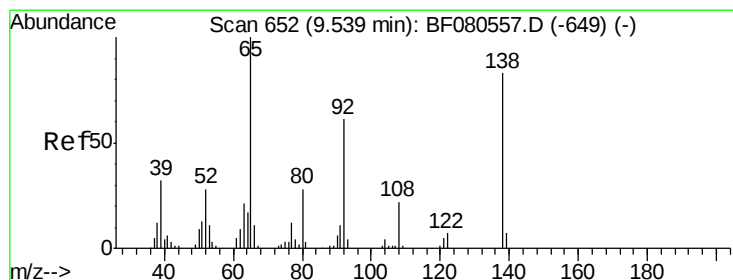
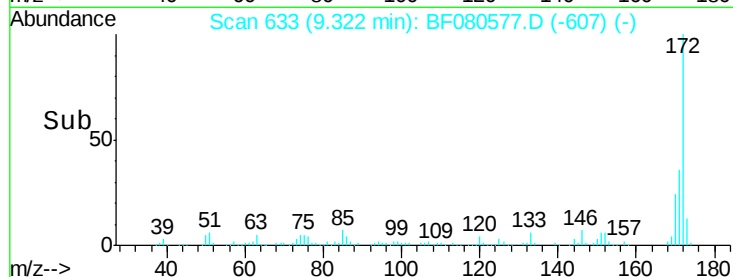
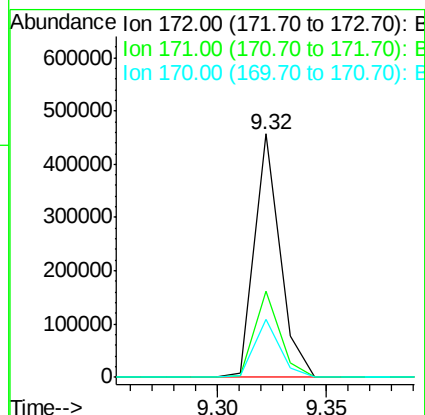
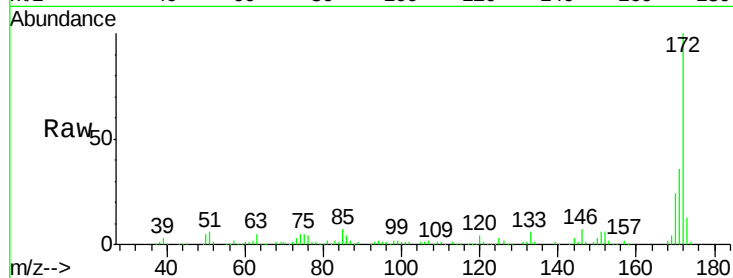




#44
 2-Fluorobiphenyl
 Concen: 13.90 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF080577.D
 Acq: 23 Jul 2015 2:33

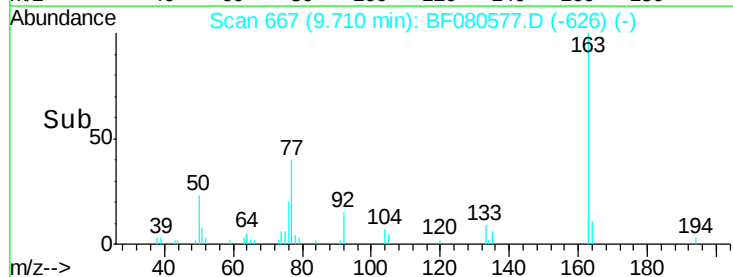
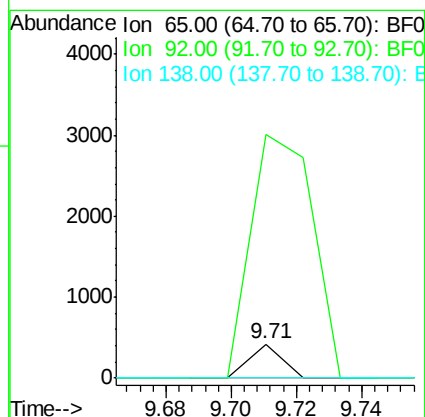
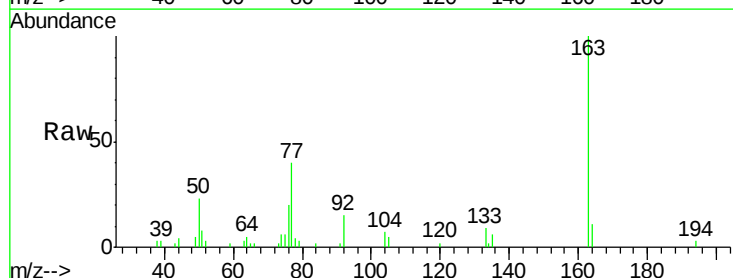
Instrument :
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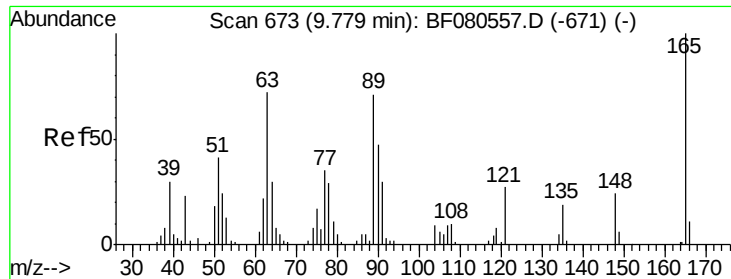
Tgt Ion: 172 Resp: 373237
 Ion Ratio Lower Upper
 172 100
 171 35.7 27.7 41.5
 170 23.9 19.1 28.7



#47
 2-Nitroaniline
 Concen: 2.52 ng
 RT: 9.71 min Scan# 667
 Delta R.T. 0.17 min
 Lab File: BF080577.D
 Acq: 23 Jul 2015 2:33

Tgt Ion: 65 Resp: 291
 Ion Ratio Lower Upper
 65 100
 92 709.2 48.7 73.1#
 138 0.0 66.8 100.2#

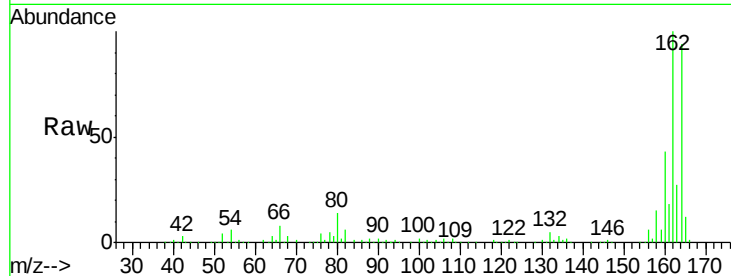




#50
 2,6-Dinitrotoluene
 Concen: 13.94 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.23 min
 Lab File: BF080577.D
 Acq: 23 Jul 2015 2:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-12.0-12.5

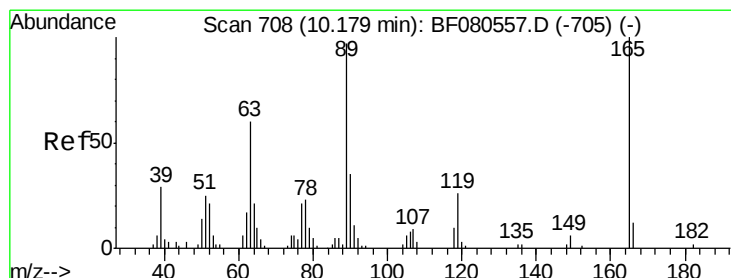
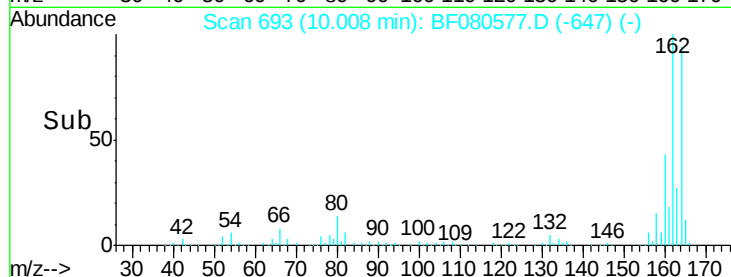
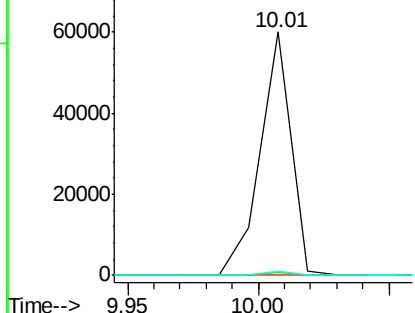
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	59.0	88.6#
89	2.0	56.9	85.3#



Abundance Ion 165.00 (164.70 to 165.70): E

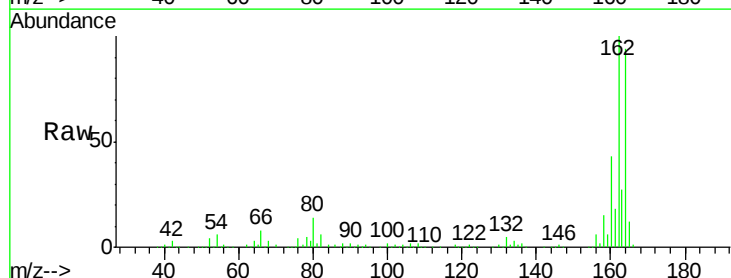
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 16.48 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.17 min
 Lab File: BF080577.D
 Acq: 23 Jul 2015 2:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	48.1	72.1#
89	2.0	77.4	116.0#
182	0.0	1.3	1.9#

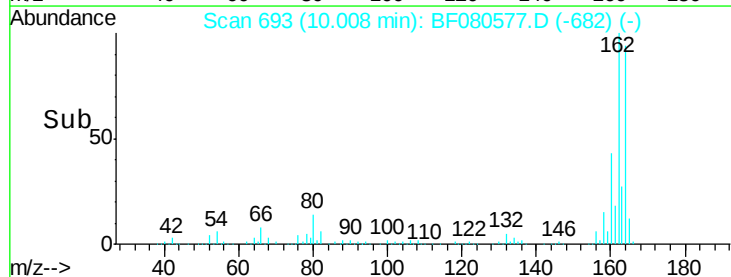
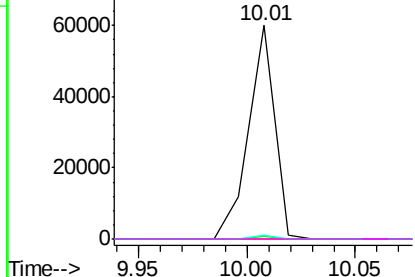


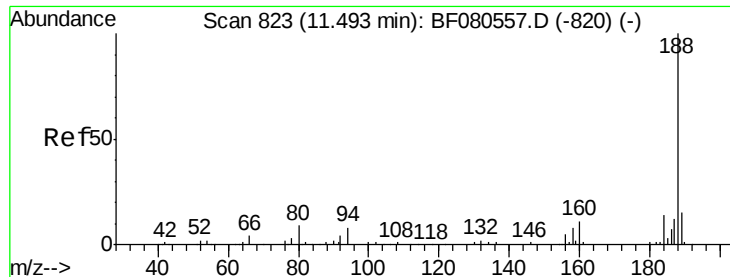
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

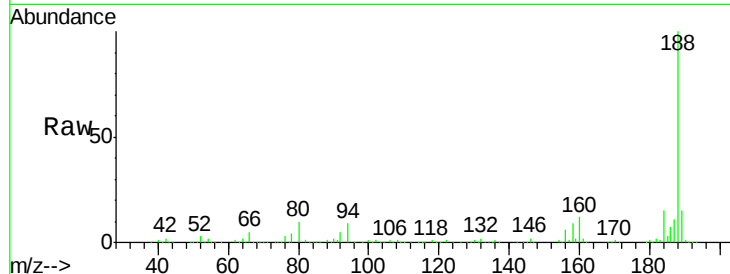




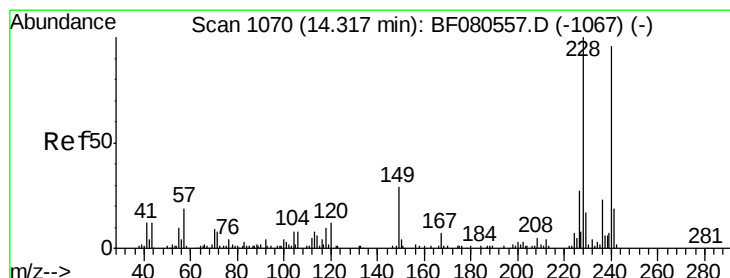
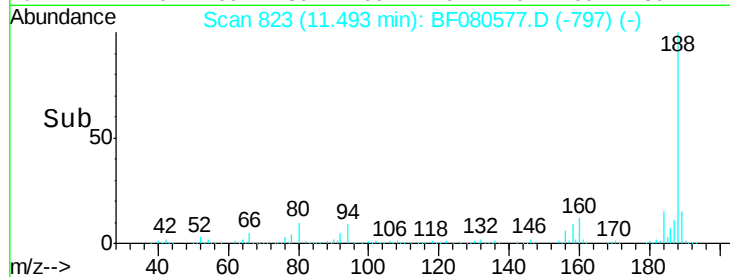
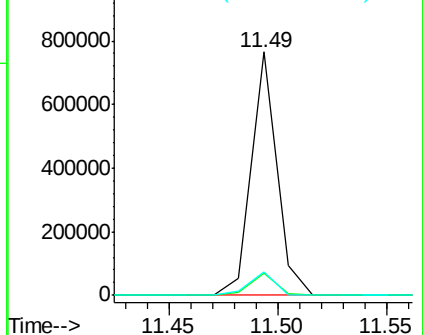
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF080577.D
Acq: 23 Jul 2015 2:33

Instrument :
BNA_F
ClientSampleId :
SB-01-12.0-12.5

Tgt Ion:188 Resp: 629151
Ion Ratio Lower Upper
188 100
94 8.9 6.1 9.1
80 9.9 7.0 10.6

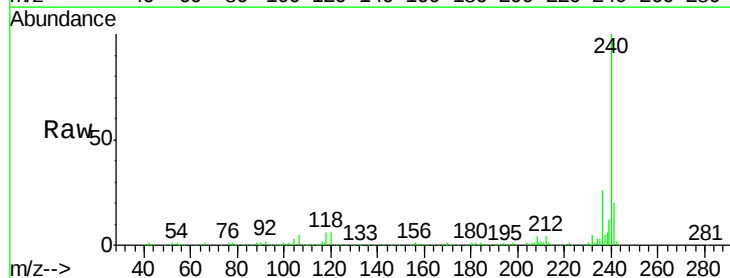


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

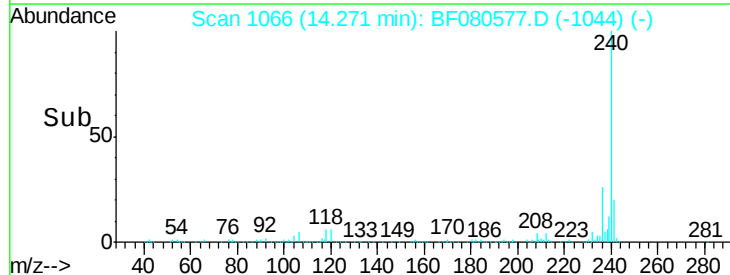
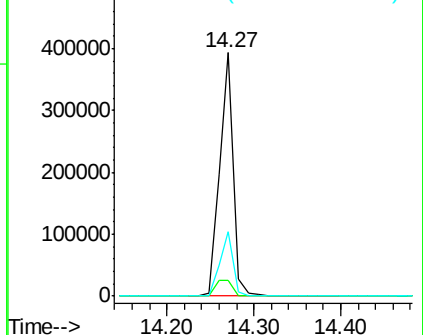


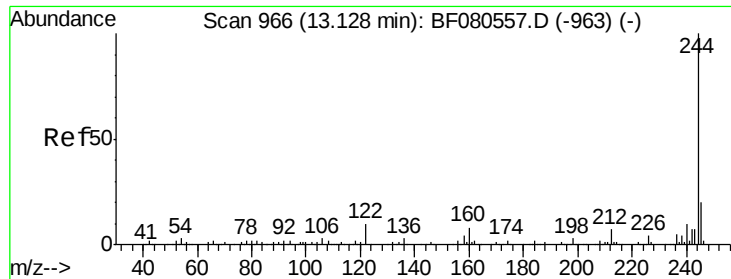
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.27 min Scan# 1066
Delta R.T. -0.05 min
Lab File: BF080577.D
Acq: 23 Jul 2015 2:33

Tgt Ion:240 Resp: 434289
Ion Ratio Lower Upper
240 100
120 6.3 9.9 14.9#
236 26.3 19.1 28.7



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

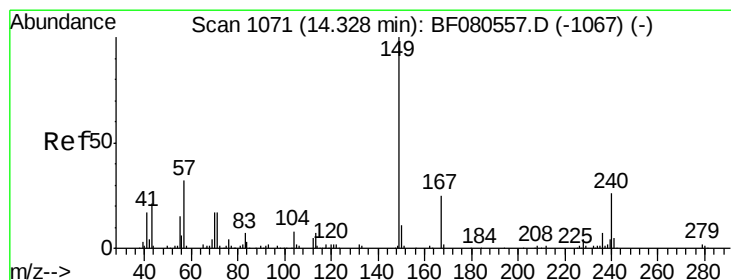
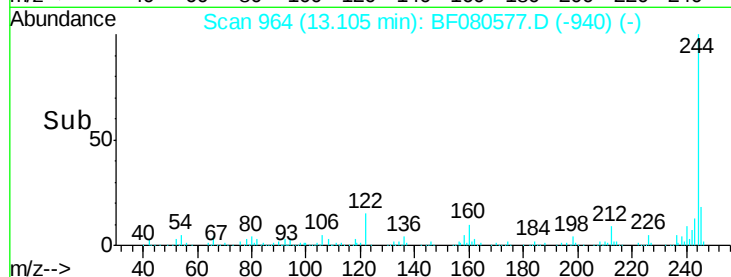
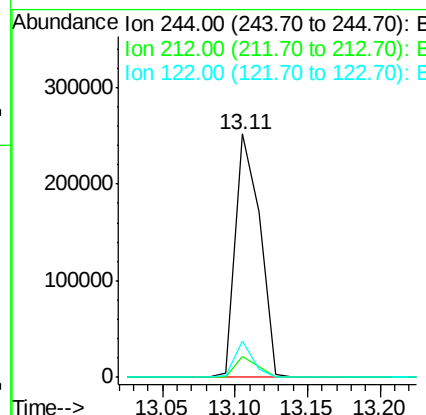
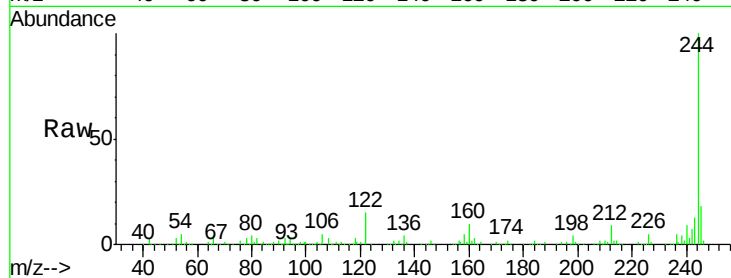




#78
 Terphenyl-d14
 Concen: 13.97 ng
 RT: 13.11 min Scan# 964
 Delta R.T. -0.02 min
 Lab File: BF080577.D
 Acq: 23 Jul 2015 2:33

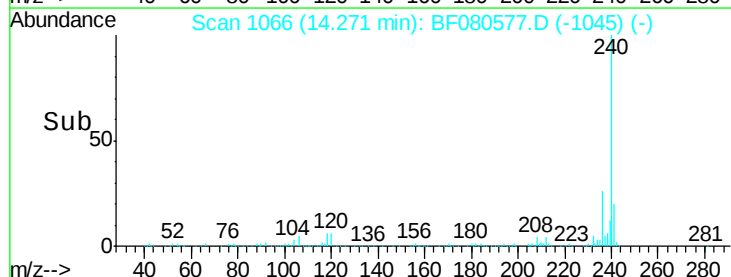
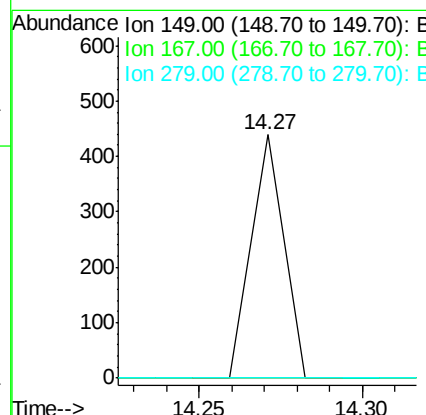
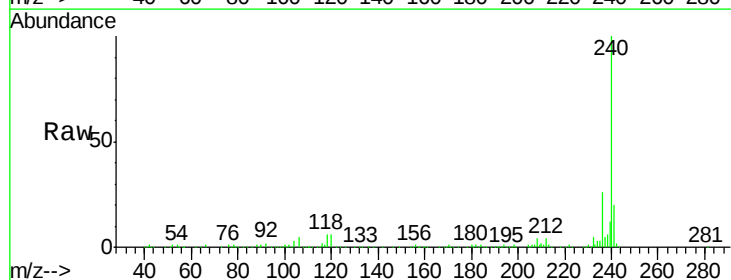
Instrument :
 BNA_F
 ClientSampleId :
 SB-01-12.0-12.5

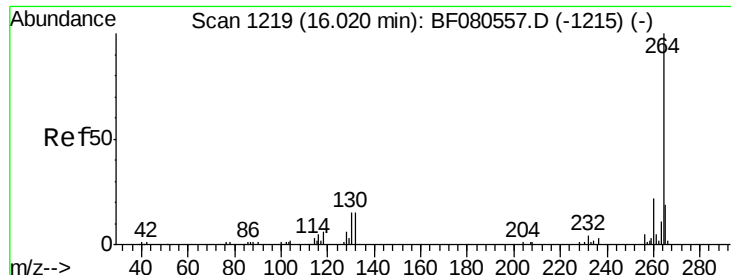
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.0	9.0
122	14.9	8.2	12.2#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.10 ng
 RT: 14.27 min Scan# 1066
 Delta R.T. -0.06 min
 Lab File: BF080577.D
 Acq: 23 Jul 2015 2:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	20.2	30.2#
279	0.0	2.0	3.0#

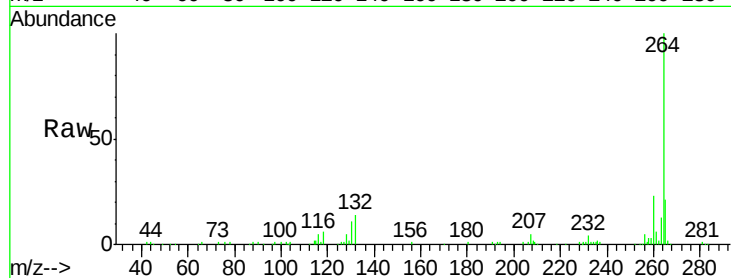




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.92 min Scan# 1210
 Delta R.T. -0.10 min
 Lab File: BF080577.D
 Acq: 23 Jul 2015 2:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-12.0-12.5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.8	26.8
265	20.8	15.6	23.4



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

