

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
 Data File : BF080359.D
 Acq On : 6 Jul 2015 22:21
 Operator : TP/IZ
 Sample : G2877-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-155-7215

Quant Time: Jul 07 03:56:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 03:05:40 2015
 Response via : Initial Calibration

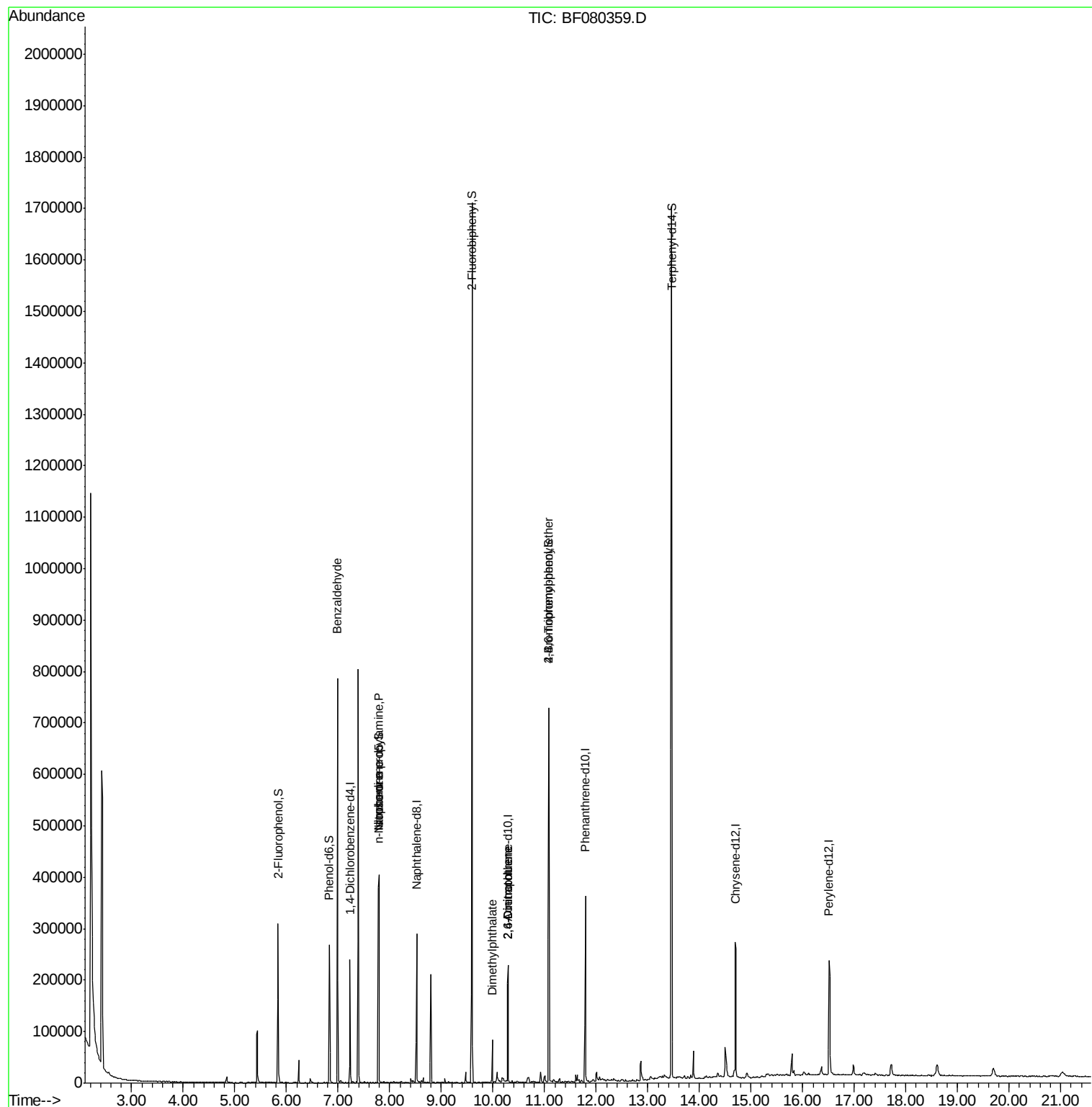
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	34606	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	128032	20.00	ng	0.00
38) Acenaphthene-d10	10.29	164	61926	20.00	ng	0.00
63) Phenanthrene-d10	11.79	188	138006	20.00	ng	0.00
75) Chrysene-d12	14.71	240	146901	20.00	ng	-0.03
86) Perylene-d12	16.51	264	139354	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	98573	52.17	ng	0.00
7) Phenol-d6	6.83	99	82700	33.02	ng	0.00
23) Nitrobenzene-d5	7.79	82	186682	85.05	ng	0.00
41) 2,4,6-Tribromophenol	11.08	330	88073	135.92	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	462471	100.79	ng	0.00
78) Terphenyl-d14	13.46	244	589796	93.65	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.99	77	4511	3.24	ng	# 73
19) n-Nitroso-di-n-propylamine	7.78	70	23218	14.29	ng	# 76
25) Isophorone	7.79	82	186294	44.09	ng	# 69
49) Dimethylphthalate	9.98	163	31168	6.27	ng	# 98
50) 2,6-Dinitrotoluene	10.28	165	7895	7.60	ng	# 23
56) 2,4-Dinitrotoluene	10.28	165	7896	5.91	ng	# 35
66) 4-Bromophenyl-phenylether	11.08	248	6005	3.80	ng	# 1

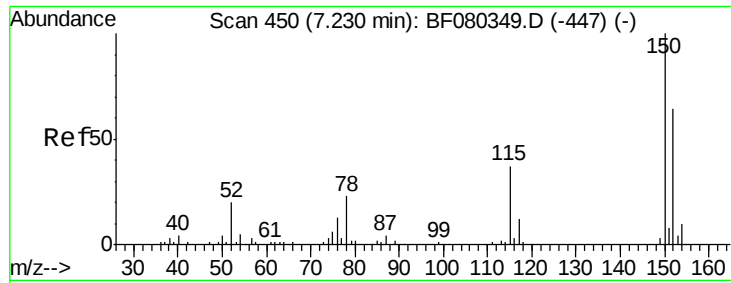
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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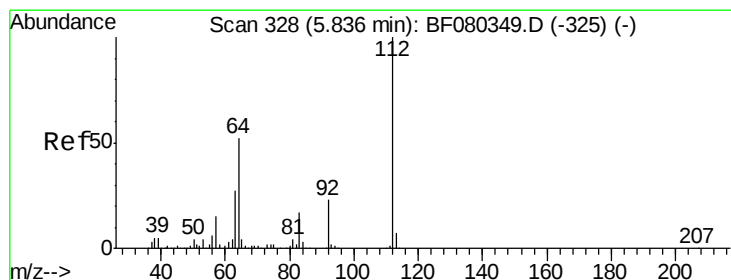
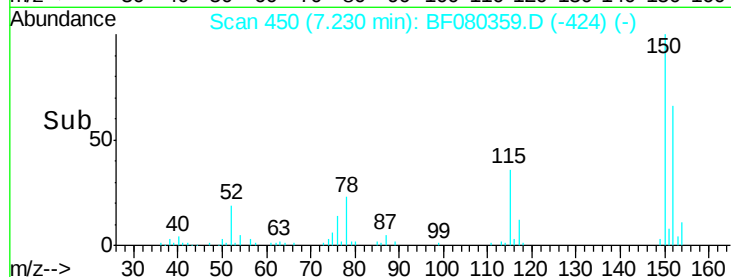
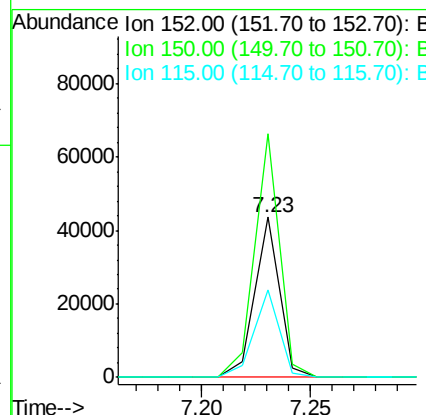
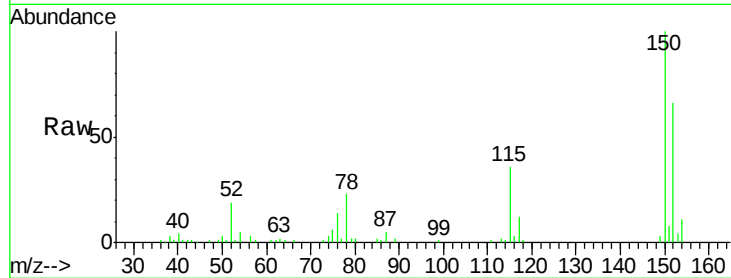




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.00 min
 Lab File: BF080359.D
 Acq: 6 Jul 2015 22:21

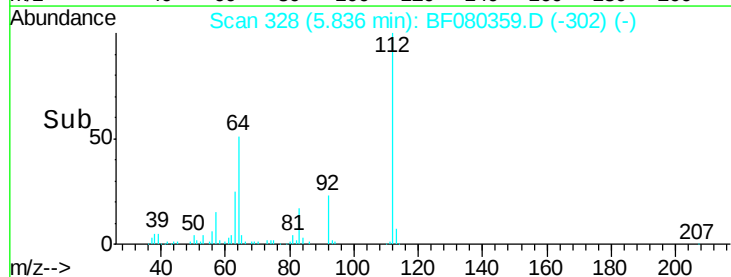
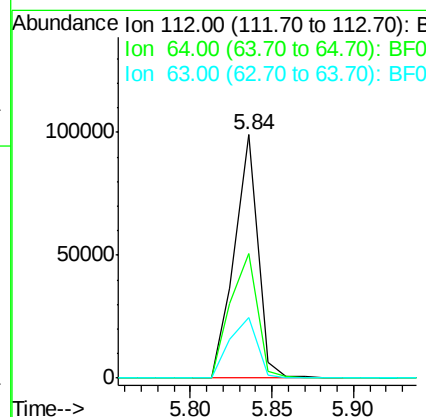
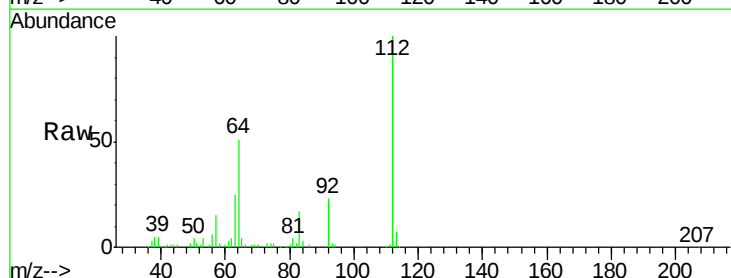
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-155-7215

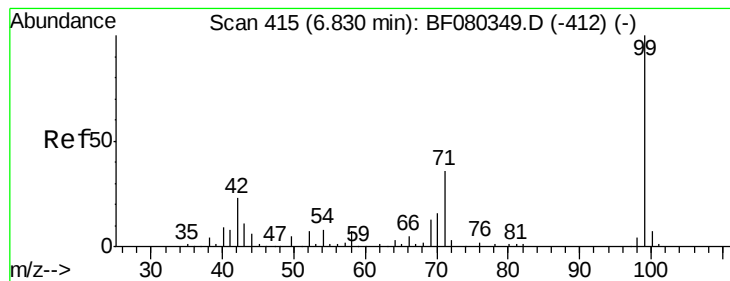
Tgt Ion:152 Resp: 34606
 Ion Ratio Lower Upper
 152 100
 150 152.1 124.7 187.1
 115 54.3 45.7 68.5



#5
 2-Fluorophenol
 Concen: 52.17 ng
 RT: 5.84 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: BF080359.D
 Acq: 6 Jul 2015 22:21

Tgt Ion:112 Resp: 98573
 Ion Ratio Lower Upper
 112 100
 64 51.0 41.8 62.6
 63 25.1 21.5 32.3





#7

Phenol-d6

Concen: 33.02 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF080359.D

Acq: 6 Jul 2015 22:21

Instrument :

BNA_F

ClientSampleId :

DCW-WW-155-7215

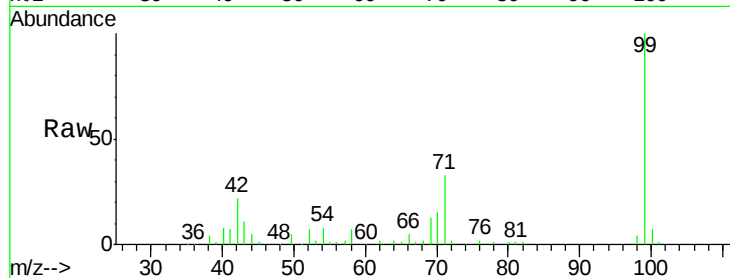
Tgt Ion: 99 Resp: 82700

Ion Ratio Lower Upper

99 100

42 21.6 18.5 27.7

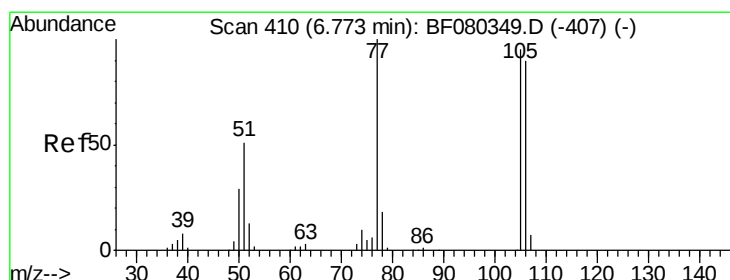
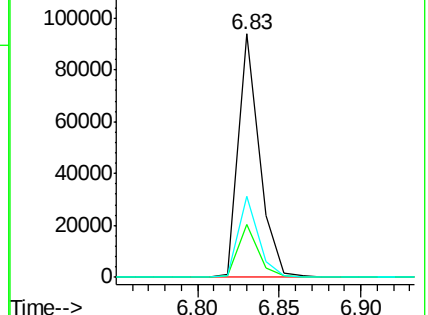
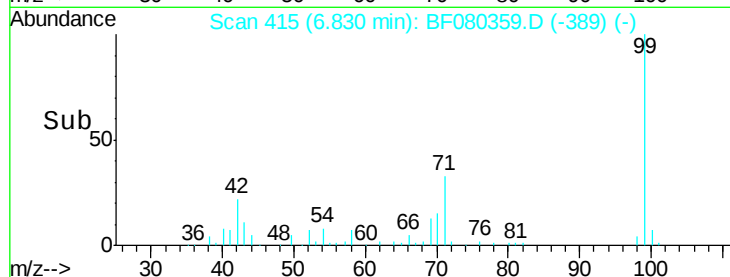
71 33.3 28.5 42.7



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



#9

Benzaldehyde

Concen: 3.24 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.22 min

Lab File: BF080359.D

Acq: 6 Jul 2015 22:21

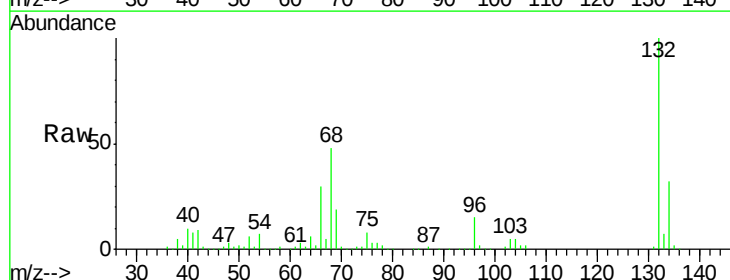
Tgt Ion: 77 Resp: 4511

Ion Ratio Lower Upper

77 100

105 71.0 75.2 115.2#

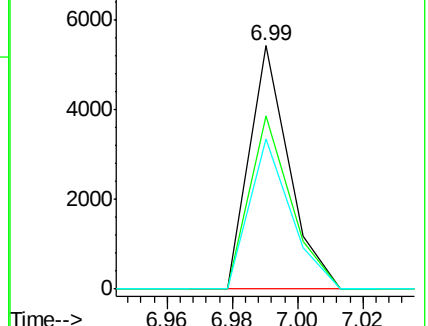
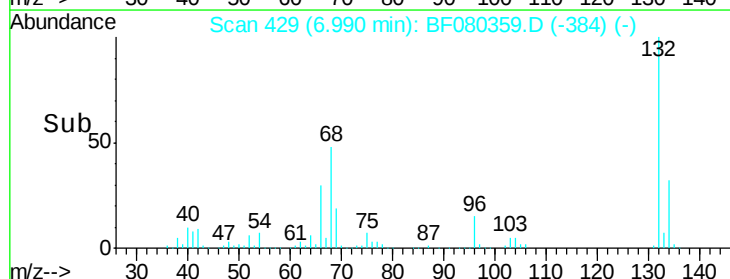
106 61.9 69.9 109.9#

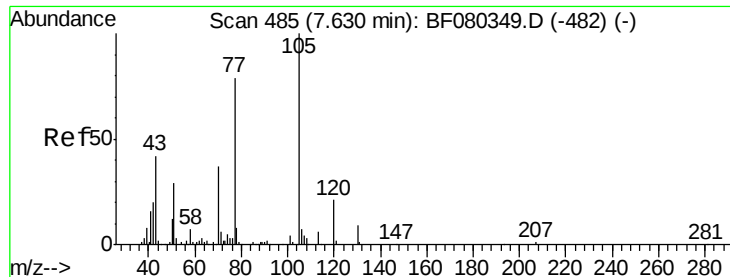


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

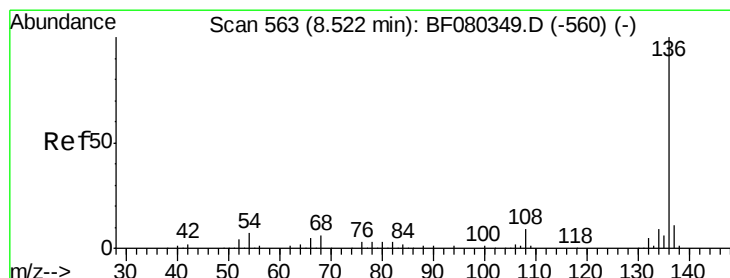
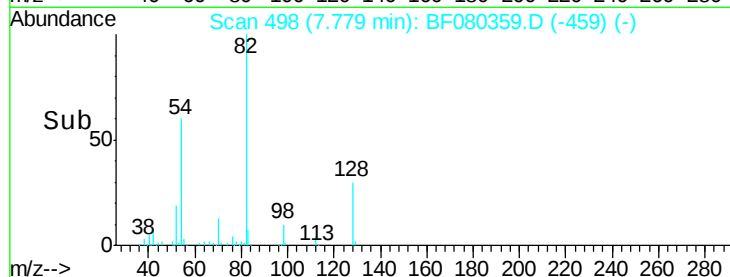
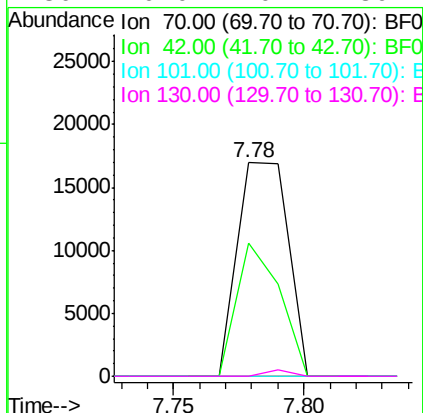
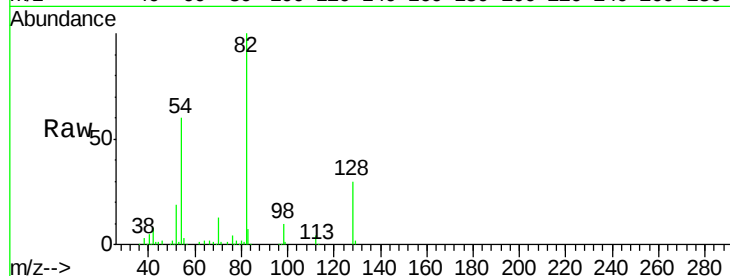




#19
n-Nitroso-di-n-propylamine
Concen: 14.29 ng
RT: 7.78 min Scan# 498
Delta R.T. 0.15 min
Lab File: BF080359.D
Acq: 6 Jul 2015 22:21

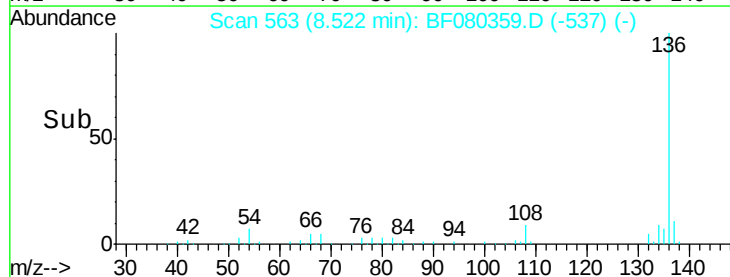
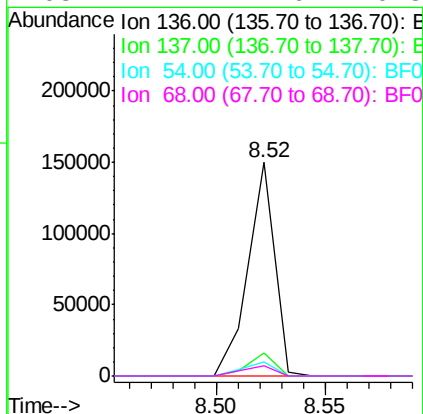
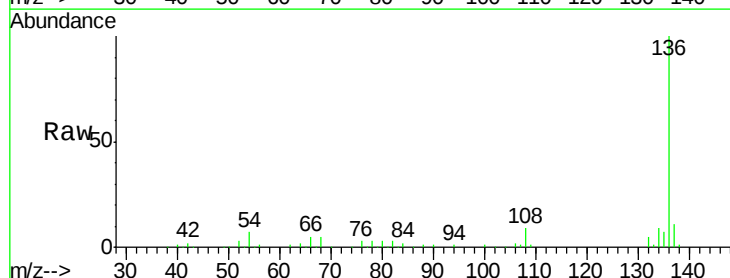
Instrument :
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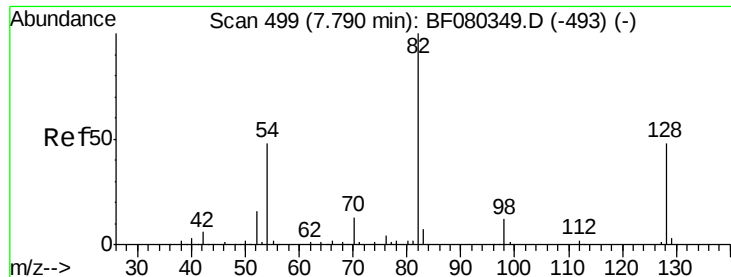
Tgt Ion: 70 Resp: 23218
Ion Ratio Lower Upper
70 100
42 62.1 43.0 64.6
101 0.0 8.3 12.5#
130 0.0 20.2 30.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.52 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF080359.D
Acq: 6 Jul 2015 22:21

Tgt Ion: 136 Resp: 128032
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 6.9 5.8 8.8
68 4.7 4.6 6.8

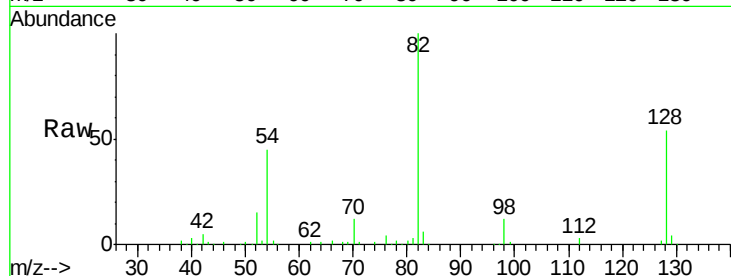




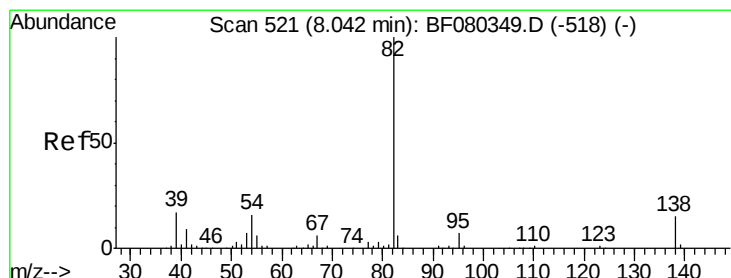
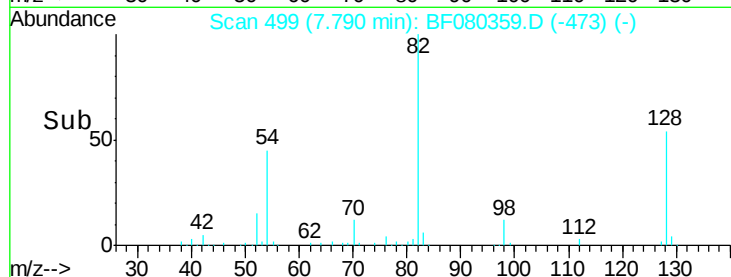
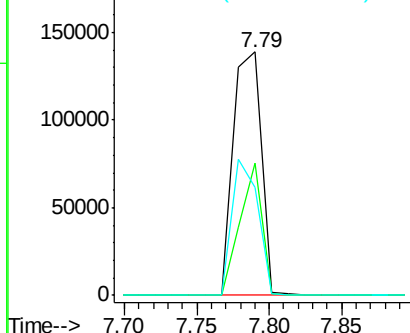
#23
 Nitrobenzene-d5
 Concen: 85.05 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF080359.D
 Acq: 6 Jul 2015 22:21

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-155-7215

Tgt Ion: 82 Resp: 186682
 Ion Ratio Lower Upper
 82 100
 128 54.4 38.4 57.6
 54 44.5 38.2 57.2

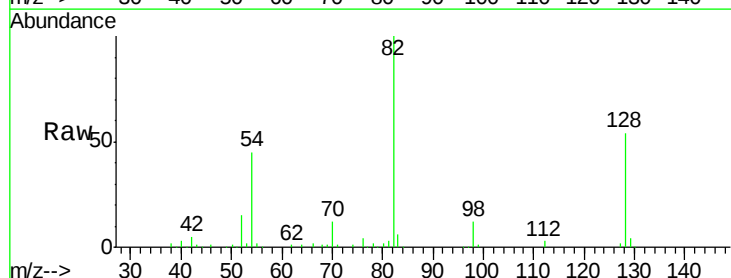


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

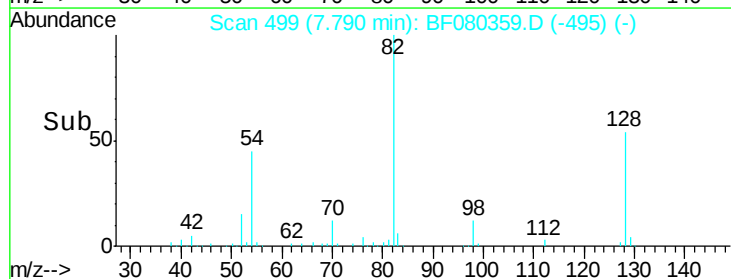
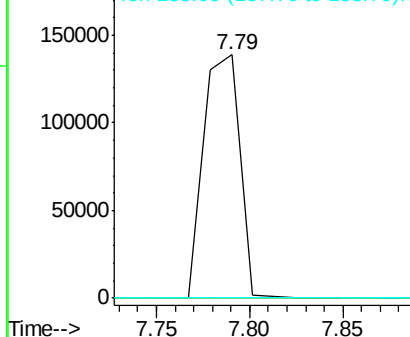


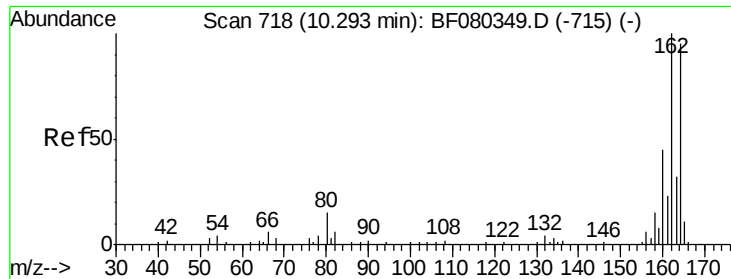
#25
 Isophorone
 Concen: 44.09 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.25 min
 Lab File: BF080359.D
 Acq: 6 Jul 2015 22:21

Tgt Ion: 82 Resp: 186294
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 12.0 18.0#



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

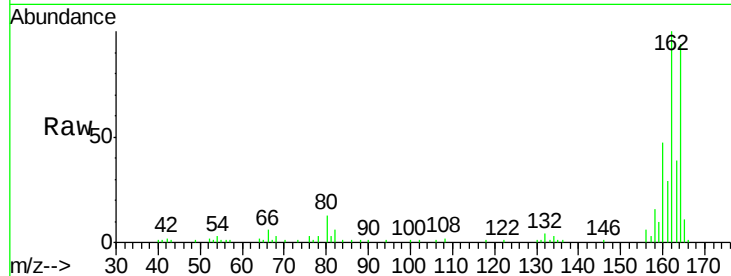




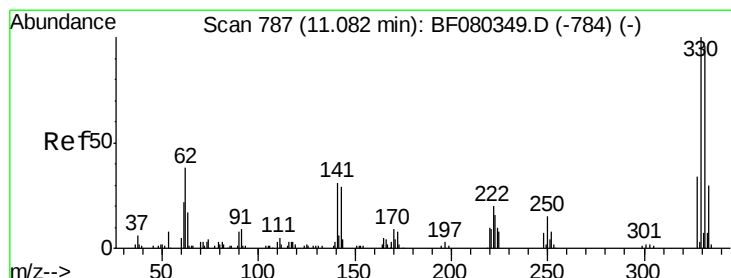
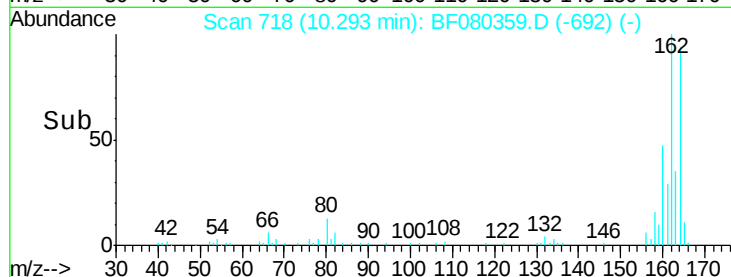
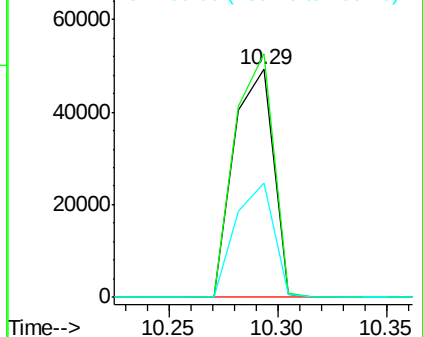
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.29 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: BF080359.D
 Acq: 6 Jul 2015 22:21

Instrument :
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 ClientSampleId :
 DCW-WW-155-7215

Tgt Ion:164 Resp: 61926
 Ion Ratio Lower Upper
 164 100
 162 106.8 84.5 126.7
 160 50.4 37.7 56.5

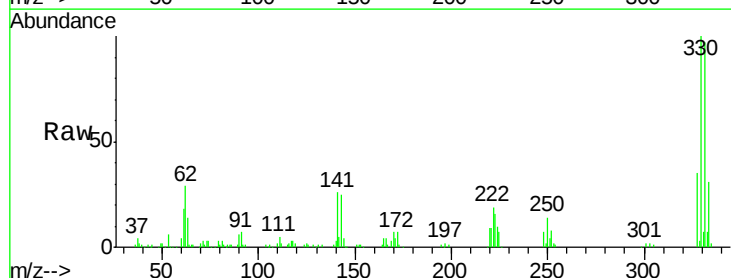


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

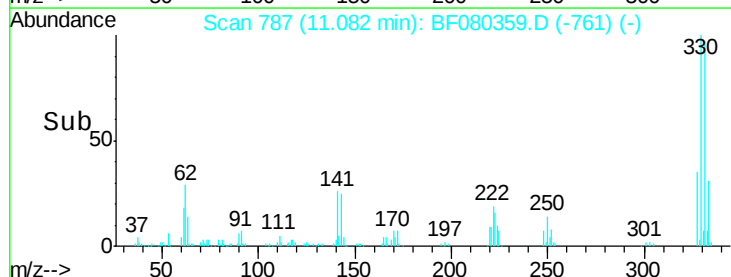
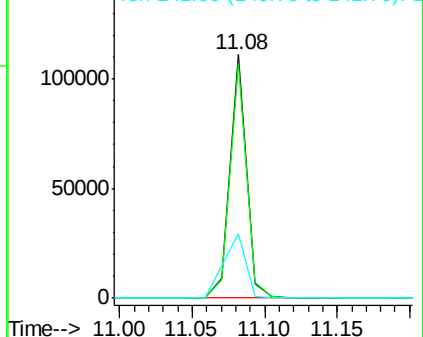


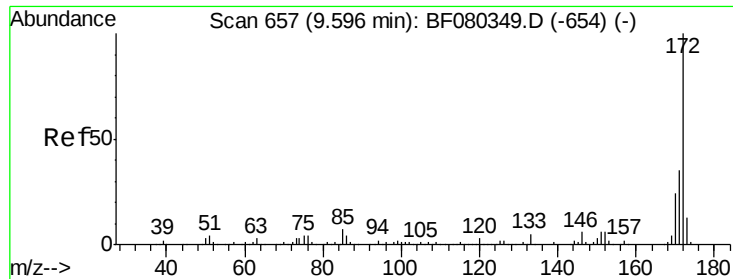
#41
 2,4,6-Tribromophenol
 Concen: 135.92 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF080359.D
 Acq: 6 Jul 2015 22:21

Tgt Ion:330 Resp: 88073
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.4
 141 35.4 29.6 44.4



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

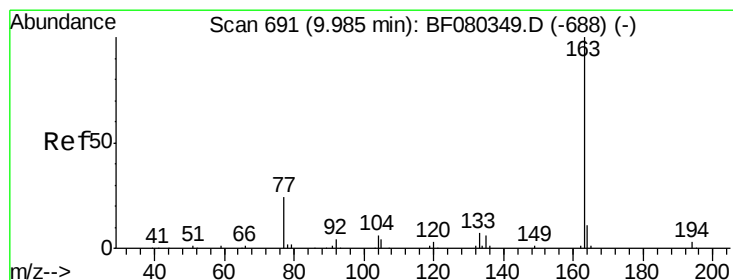
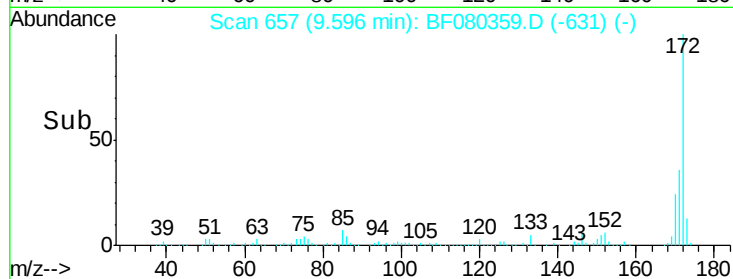
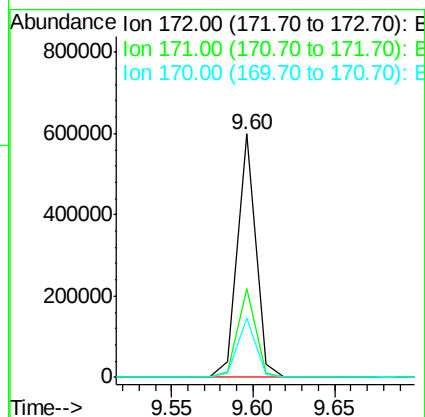
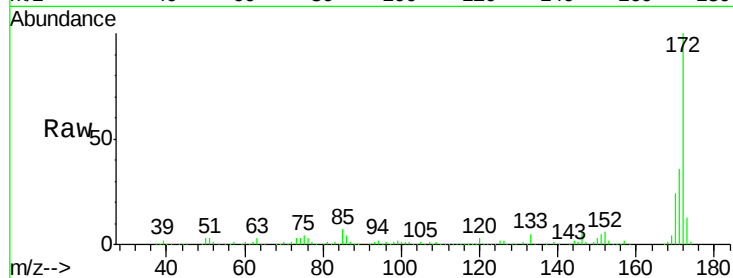




#44
 2-Fluorobiphenyl
 Concen: 100.79 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF080359.D
 Acq: 6 Jul 2015 22:21

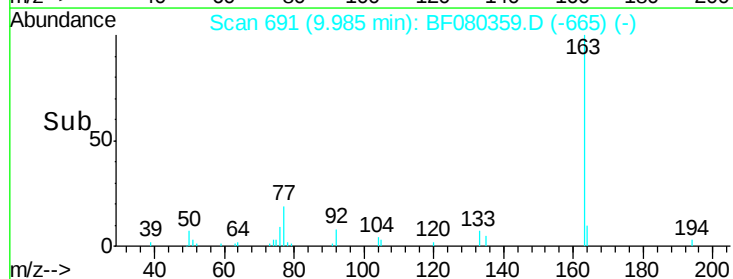
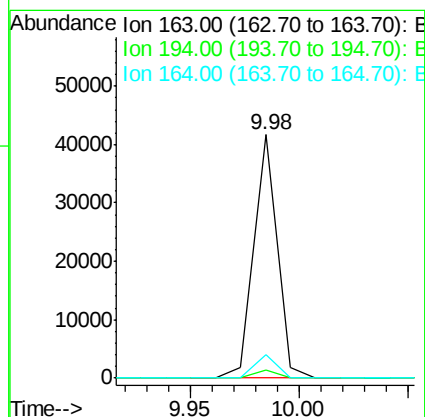
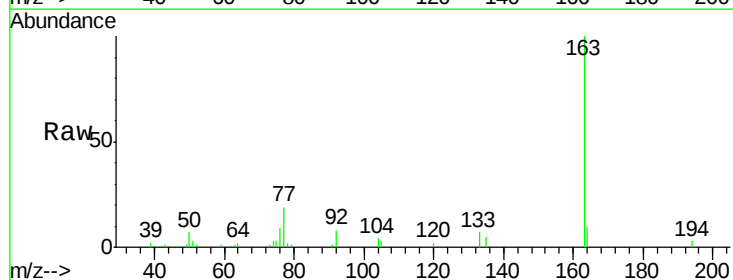
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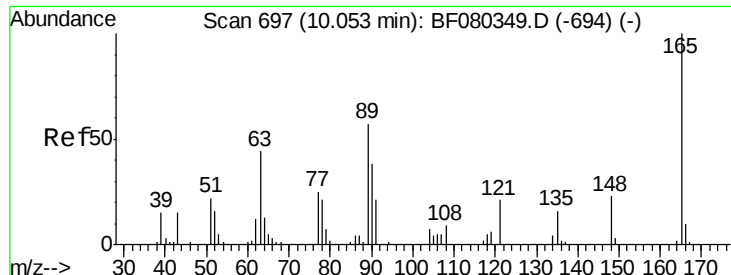
Tgt Ion:172 Resp: 462471
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.3 42.5
 170 24.3 19.1 28.7



#49
 Dimethylphthalate
 Concen: 6.27 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BF080359.D
 Acq: 6 Jul 2015 22:21

Tgt Ion:163 Resp: 31168
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 3.8
 164 9.7 8.5 12.7

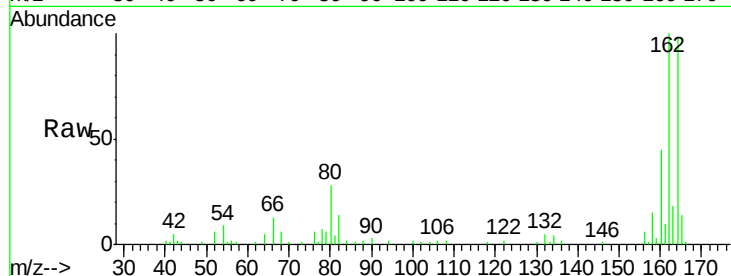




#50
 2,6-Dinitrotoluene
 Concen: 7.60 ng
 RT: 10.28 min Scan# 717
 Delta R.T. 0.23 min
 Lab File: BF080359.D
 Acq: 6 Jul 2015 22:21

Instrument :
 BNA_F
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 DCW-WW-155-7215

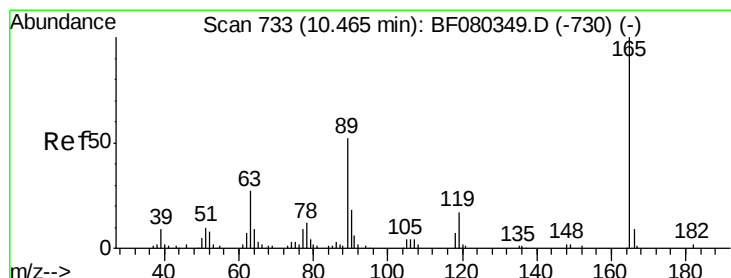
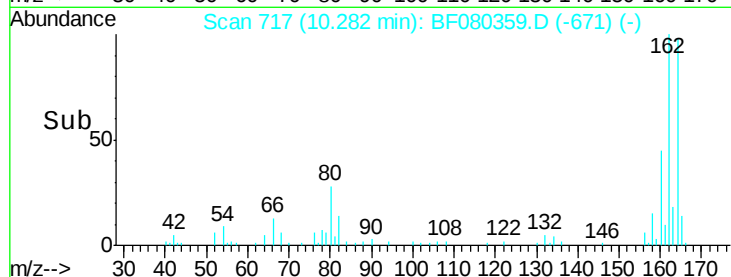
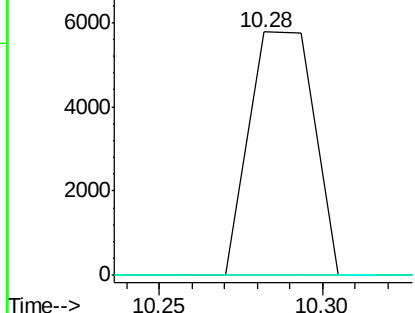
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	45.9	68.9#



Abundance Ion 165.00 (164.70 to 165.70): E

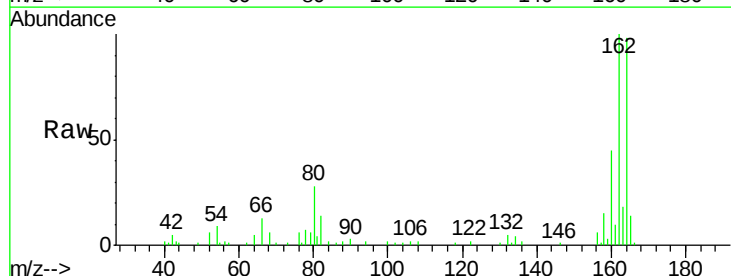
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 5.91 ng
 RT: 10.28 min Scan# 717
 Delta R.T. -0.18 min
 Lab File: BF080359.D
 Acq: 6 Jul 2015 22:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	21.8	32.8#
89	0.0	41.3	61.9#
182	0.0	1.8	2.6#

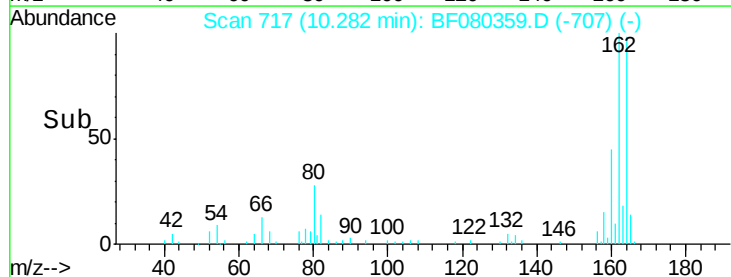
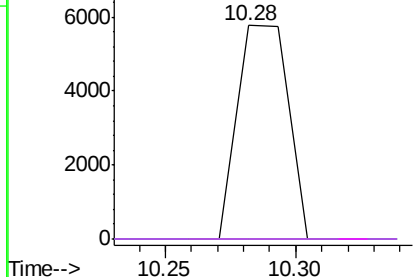


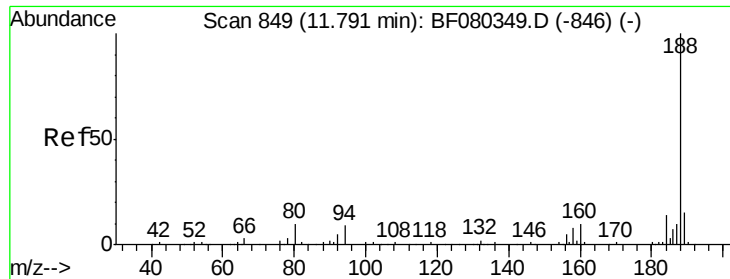
Abundance Ion 165.00 (164.70 to 165.70): E

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

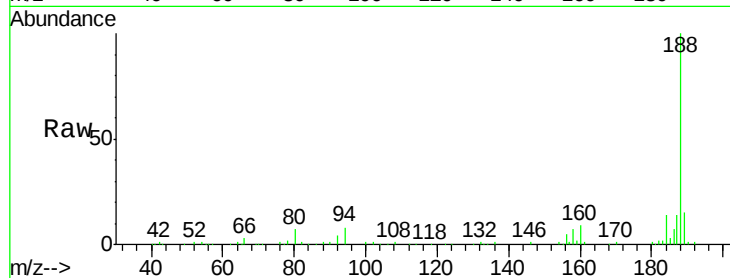




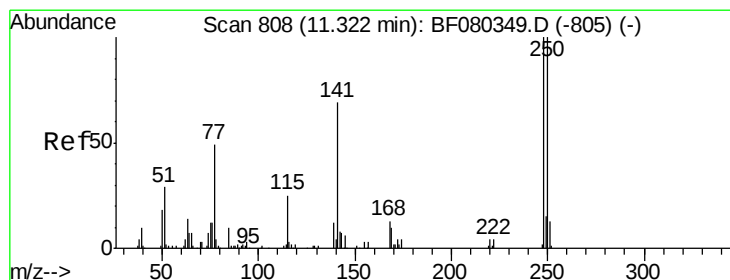
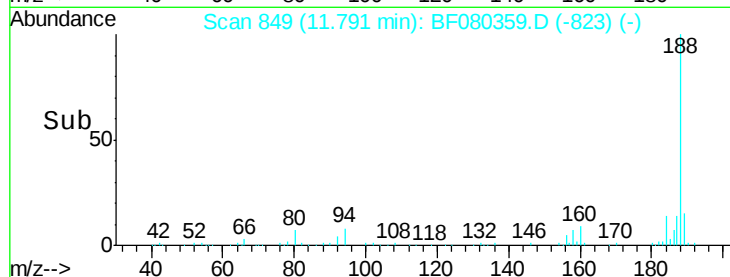
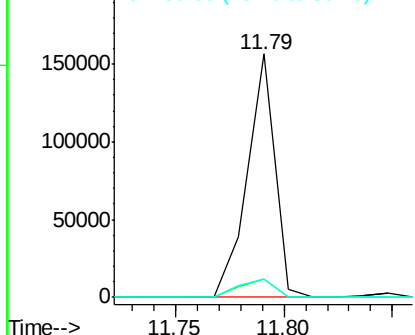
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.79 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF080359.D
Acq: 6 Jul 2015 22:21

Instrument :
BNA_F
ClientSampleId :
DCW-WW-155-7215

Tgt Ion:188 Resp: 138006
Ion Ratio Lower Upper
188 100
94 7.8 7.5 11.3
80 7.5 8.3 12.5#

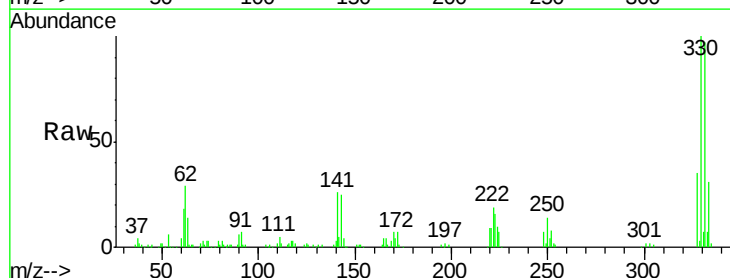


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

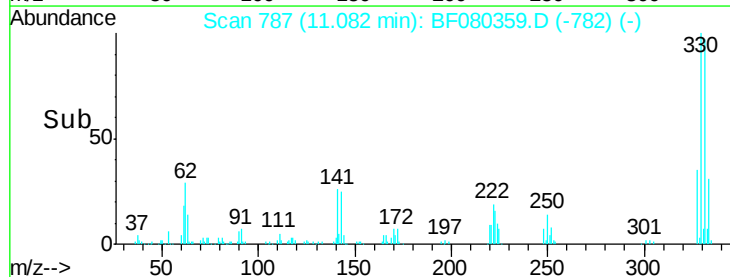
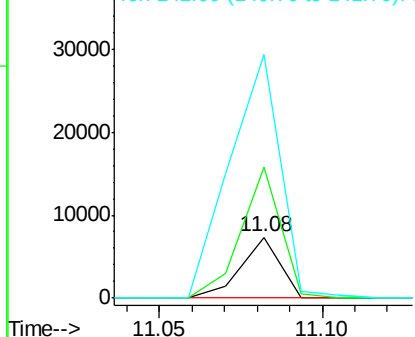


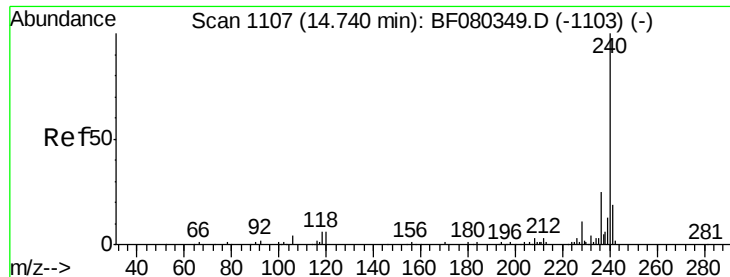
#66
4-Bromophenyl-phenylether
Concen: 3.80 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.24 min
Lab File: BF080359.D
Acq: 6 Jul 2015 22:21

Tgt Ion:248 Resp: 6005
Ion Ratio Lower Upper
248 100
250 215.2 80.0 120.0#
141 400.9 54.8 82.2#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.71 min Scan# 1104

Delta R.T. -0.03 min

Lab File: BF080359.D

Acq: 6 Jul 2015 22:21

Instrument :

BNA_F

ClientSampleId :

DCW-WW-155-7215

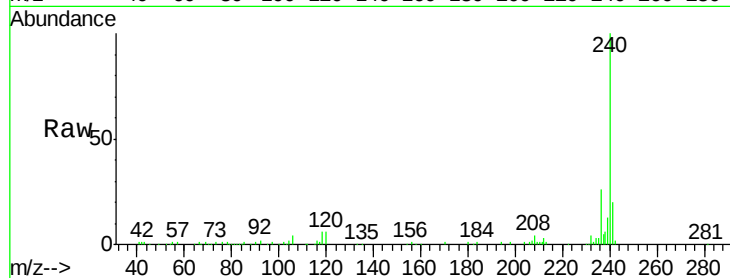
Tgt Ion:240 Resp: 146901

Ion Ratio Lower Upper

240 100

120 6.4 5.1 7.7

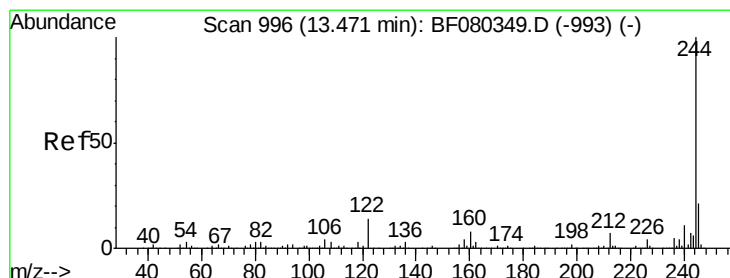
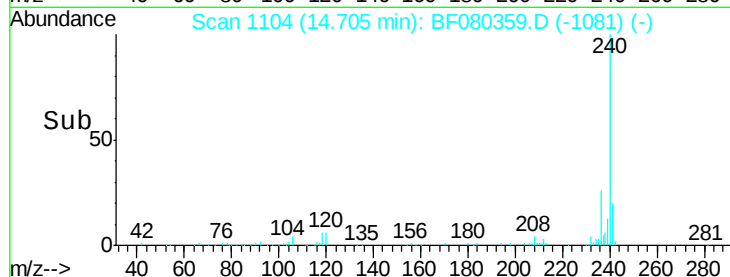
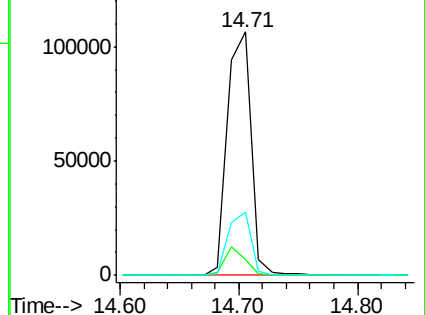
236 25.9 20.4 30.6



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: 93.65 ng

RT: 13.46 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF080359.D

Acq: 6 Jul 2015 22:21

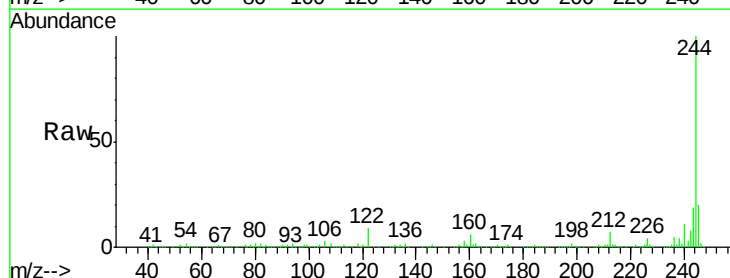
Tgt Ion:244 Resp: 589796

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

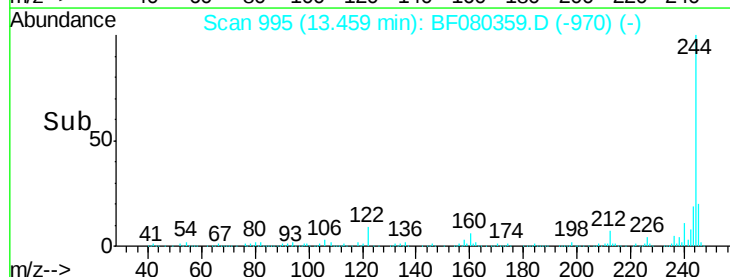
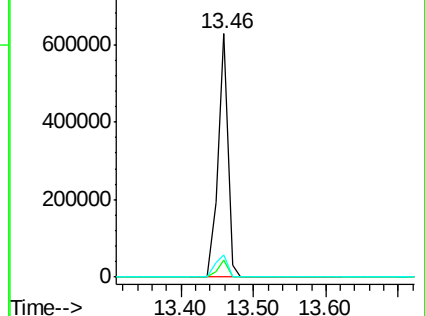
122 9.0 11.1 16.7#

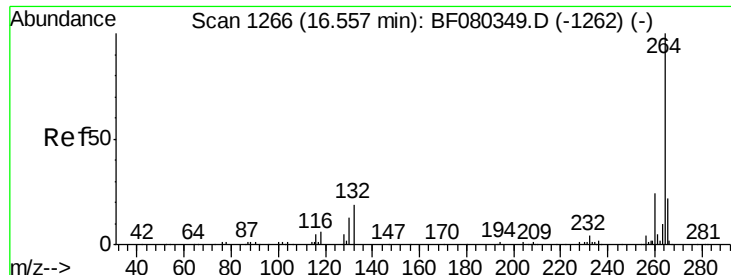


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

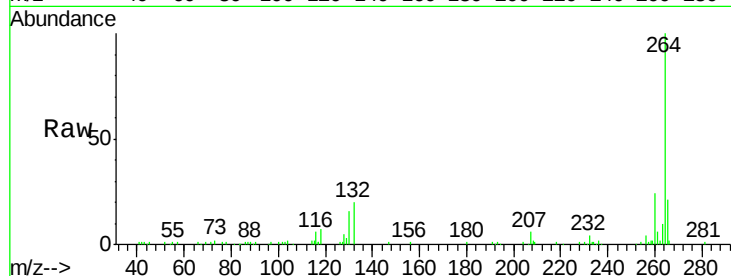




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.51 min Scan# 1262
Delta R.T. -0.05 min
Lab File: BF080359.D
Acq: 6 Jul 2015 22:21

Instrument :
BNA_F
ClientSampleId :
DCW-WW-155-7215

Tgt Ion: 264 Resp: 139354
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.3 17.6 26.4



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

