

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
 Data File : BF080358.D
 Acq On : 6 Jul 2015 21:51
 Operator : TP/IZ
 Sample : G2877-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-154-7215

Quant Time: Jul 07 03:56:38 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

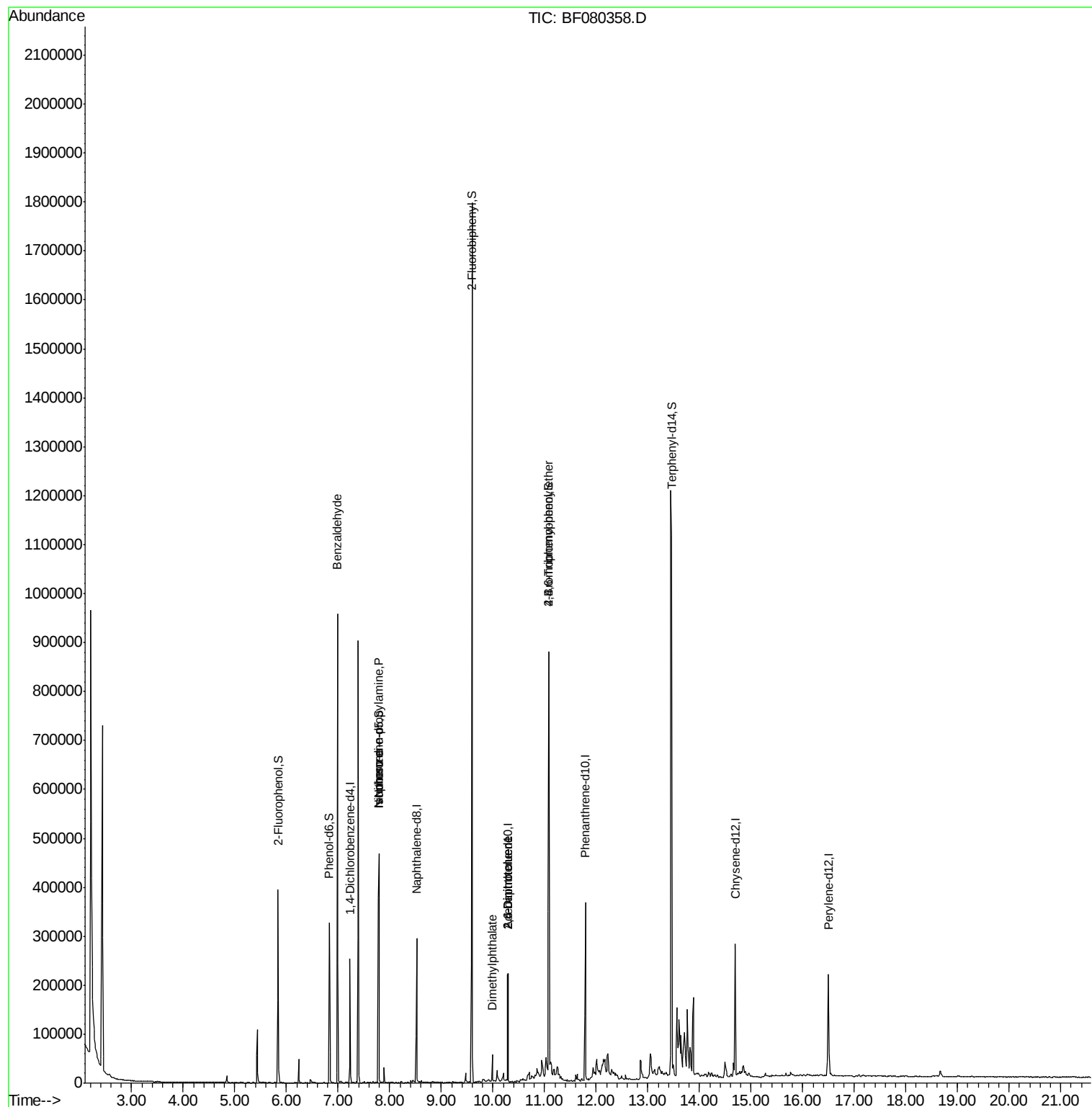
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	36163	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	134394	20.00	ng	0.00
38) Acenaphthene-d10	10.29	164	65066	20.00	ng	0.00
63) Phenanthrene-d10	11.79	188	144194	20.00	ng	0.00
75) Chrysene-d12	14.69	240	149787	20.00	ng	-0.05
86) Perylene-d12	16.50	264	135965	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	118848	60.19	ng	0.00
7) Phenol-d6	6.83	99	100306	38.32	ng	0.00
23) Nitrobenzene-d5	7.79	82	202189	87.75	ng	0.00
41) 2,4,6-Tribromophenol	11.08	330	101935	149.72	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	493424	102.34	ng	0.00
78) Terphenyl-d14	13.46	244	582704	90.74	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.99	77	5511	3.79	ng	# 69
19) n-Nitroso-di-n-propylamine	7.79	70	25474	15.00	ng	# 77
25) Isophorone	7.79	82	201786	45.50	ng	# 69
49) Dimethylphthalate	9.98	163	20124	3.85	ng	# 99
50) 2,6-Dinitrotoluene	10.28	165	8089	7.41	ng	# 23
56) 2,4-Dinitrotoluene	10.28	165	8087	5.76	ng	# 35
66) 4-Bromophenyl-phenylether	11.08	248	7236	4.38	ng	# 1

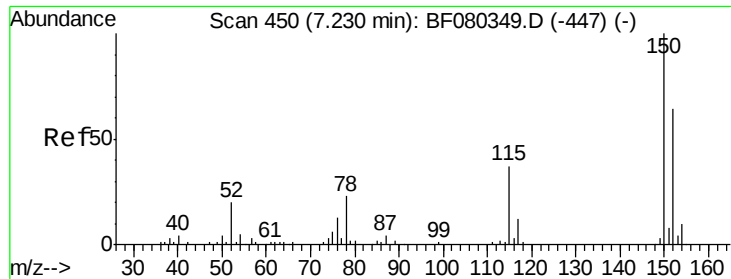
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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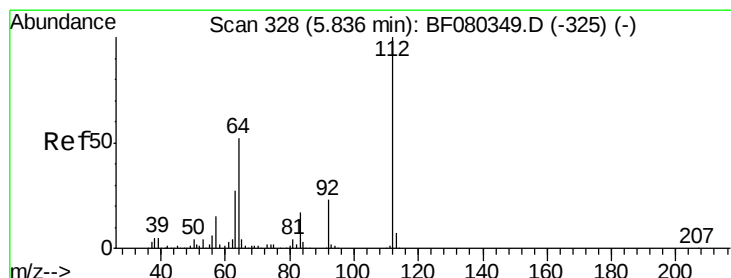
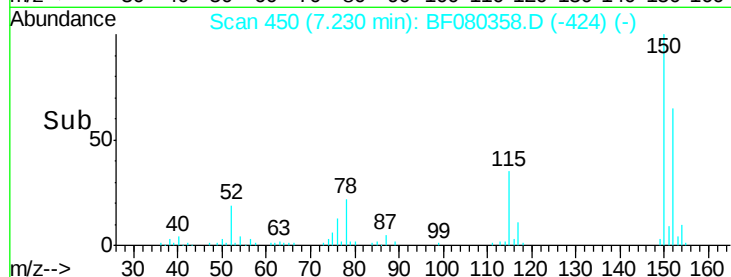
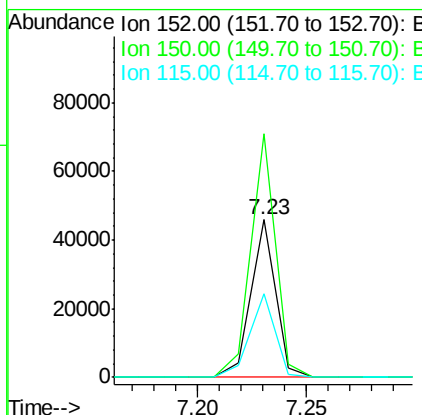
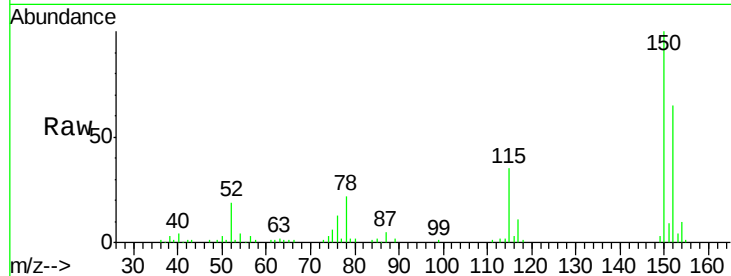




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.00 min
 Lab File: BF080358.D
 Acq: 6 Jul 2015 21:51

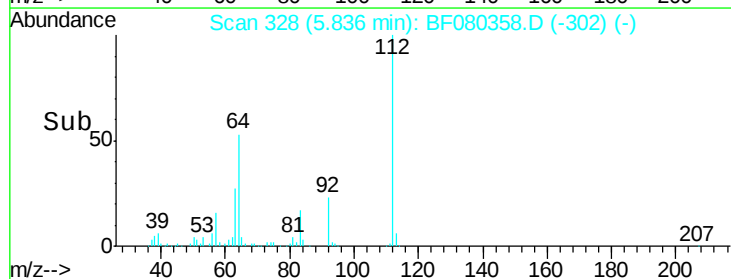
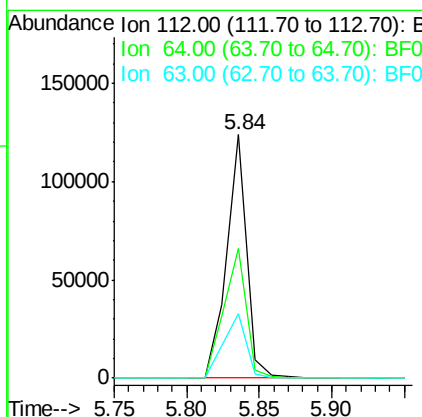
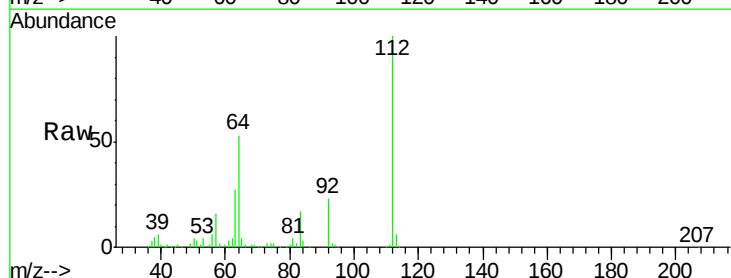
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-154-7215

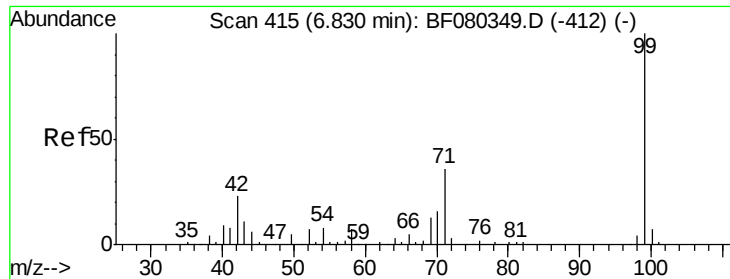
Tgt Ion:152 Resp: 36163
 Ion Ratio Lower Upper
 152 100
 150 154.3 124.7 187.1
 115 53.3 45.7 68.5



#5
 2-Fluorophenol
 Concen: 60.19 ng
 RT: 5.84 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: BF080358.D
 Acq: 6 Jul 2015 21:51

Tgt Ion:112 Resp: 118848
 Ion Ratio Lower Upper
 112 100
 64 53.3 41.8 62.6
 63 26.6 21.5 32.3





#7

Phenol-d6

Concen: 38.32 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF080358.D

Acq: 6 Jul 2015 21:51

Instrument :

BNA_F

ClientSampleId :

DCW-WW-154-7215

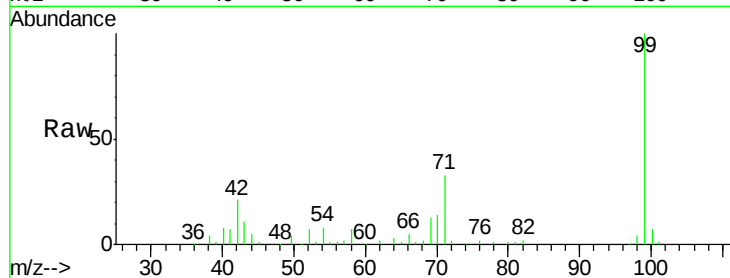
Tgt Ion: 99 Resp: 100306

Ion Ratio Lower Upper

99 100

42 20.5 18.5 27.7

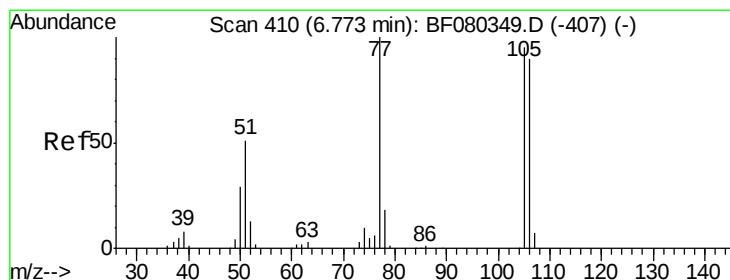
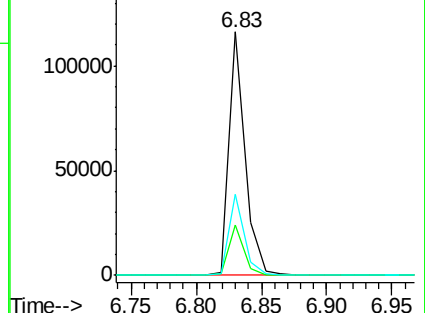
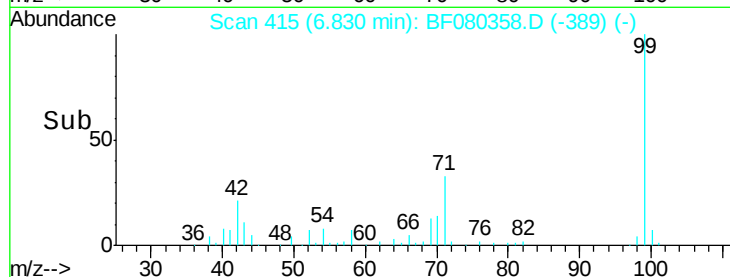
71 33.1 28.5 42.7



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: 3.79 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.22 min

Lab File: BF080358.D

Acq: 6 Jul 2015 21:51

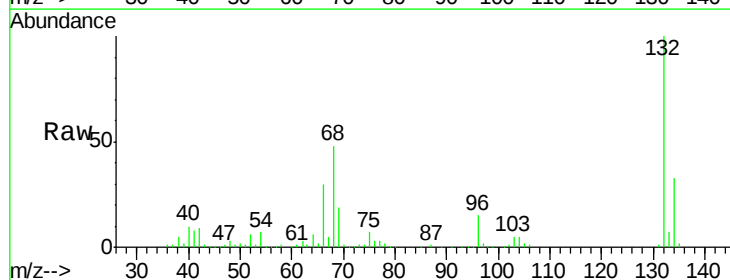
Tgt Ion: 77 Resp: 5511

Ion Ratio Lower Upper

77 100

105 68.9 75.2 115.2#

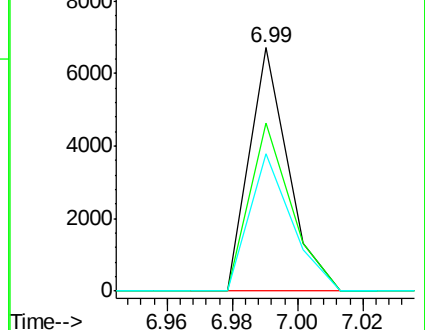
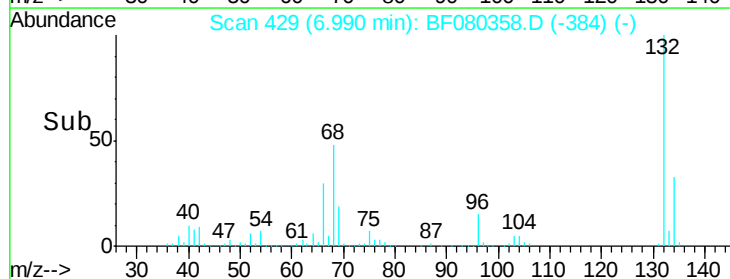
106 56.7 69.9 109.9#

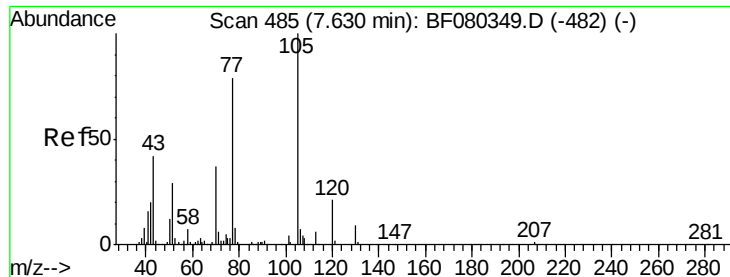


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

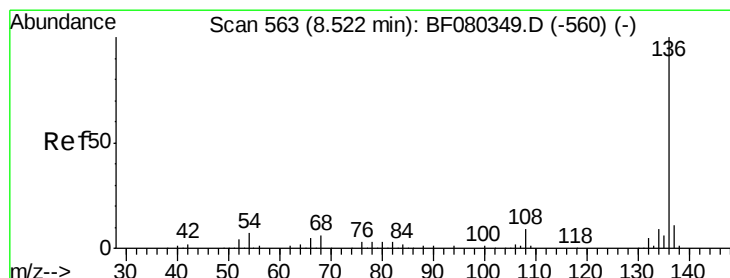
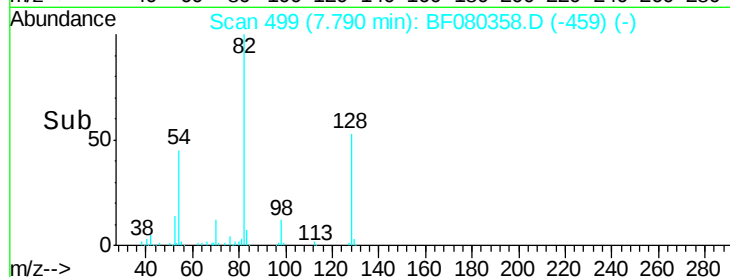
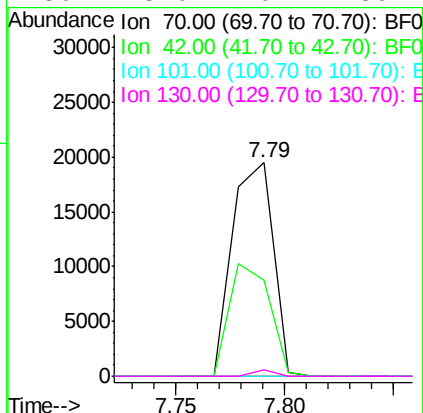
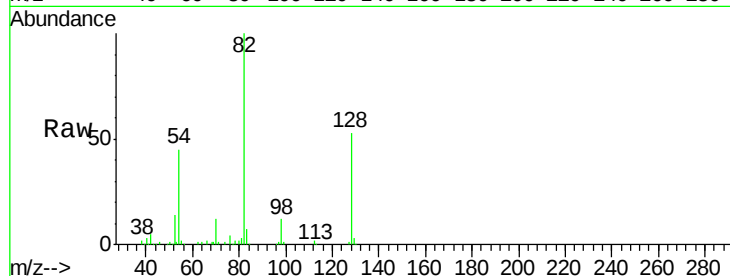




#19
n-Nitroso-di-n-propylamine
Concen: 15.00 ng
RT: 7.79 min Scan# 499
Delta R.T. 0.16 min
Lab File: BF080358.D
Acq: 6 Jul 2015 21:51

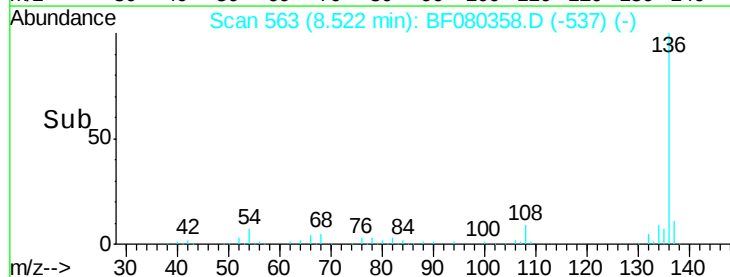
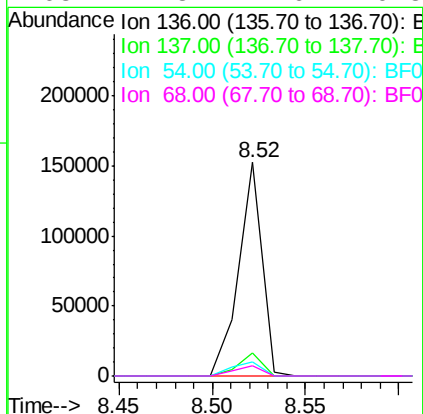
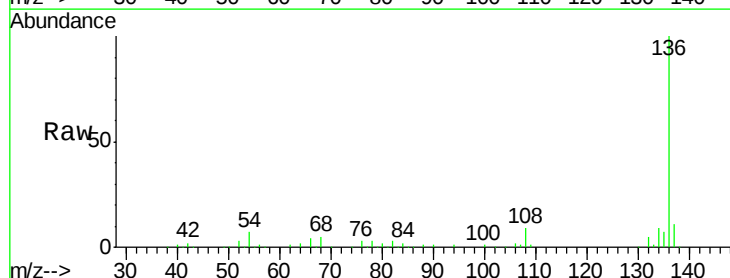
Instrument :
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DCW-WW-154-7215

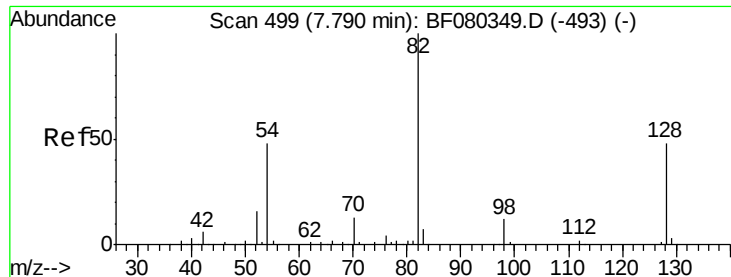
Tgt Ion: 70 Resp: 25474
Ion Ratio Lower Upper
70 100
42 44.9 43.0 64.6
101 0.0 8.3 12.5#
130 3.0 20.2 30.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.52 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF080358.D
Acq: 6 Jul 2015 21:51

Tgt Ion: 136 Resp: 134394
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 6.6 5.8 8.8
68 4.8 4.6 6.8

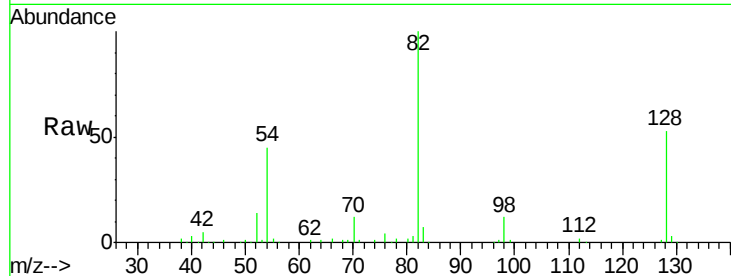




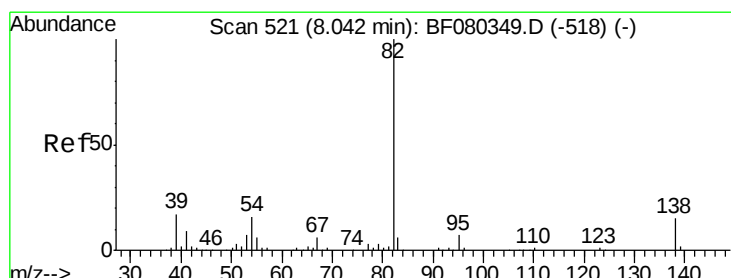
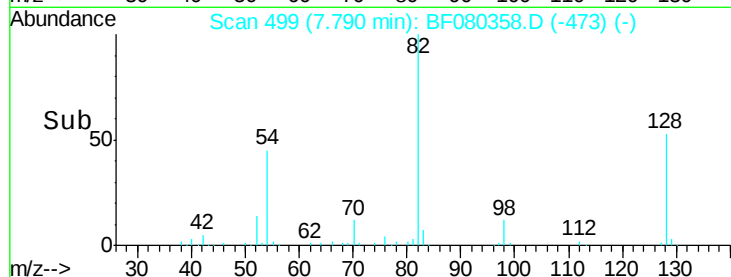
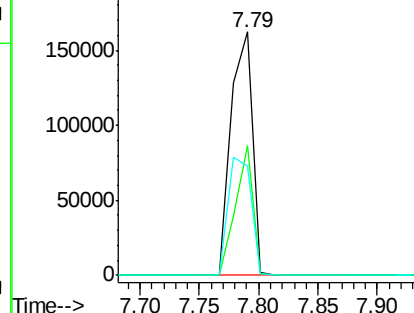
#23
 Nitrobenzene-d5
 Concen: 87.75 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF080358.D
 Acq: 6 Jul 2015 21:51

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-154-7215

Tgt Ion: 82 Resp: 202189
 Ion Ratio Lower Upper
 82 100
 128 53.1 38.4 57.6
 54 44.7 38.2 57.2

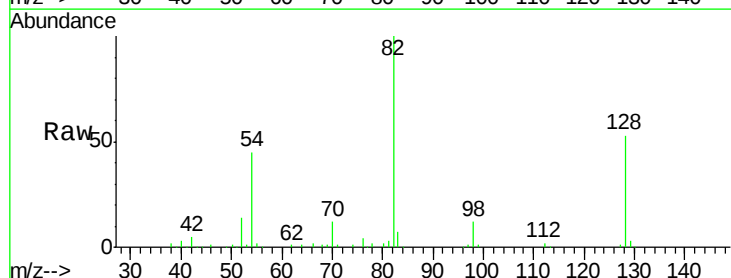


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

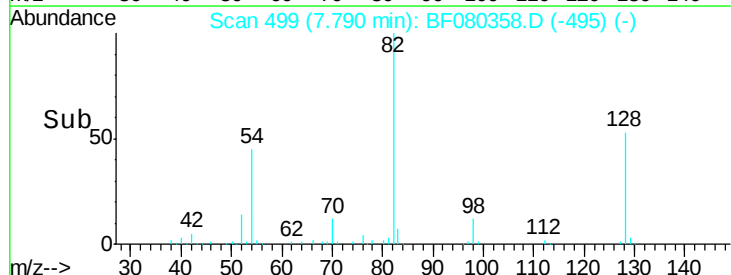
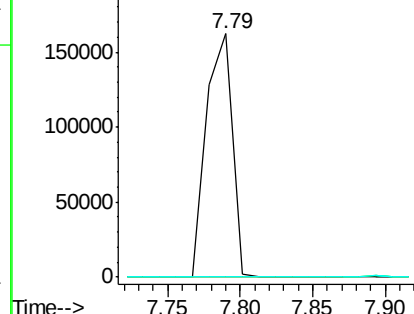


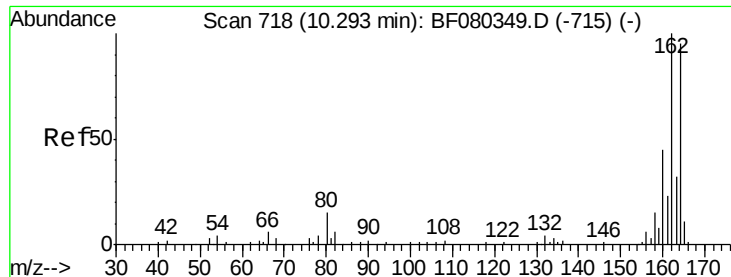
#25
 Isophorone
 Concen: 45.50 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.25 min
 Lab File: BF080358.D
 Acq: 6 Jul 2015 21:51

Tgt Ion: 82 Resp: 201786
 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

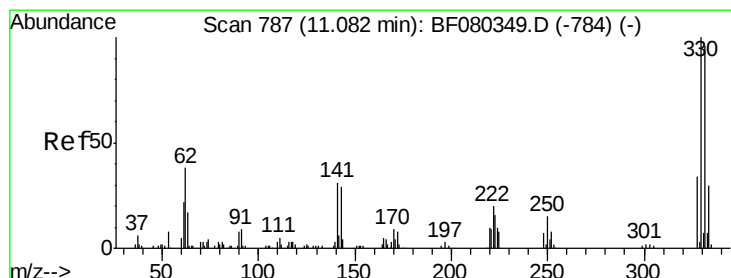
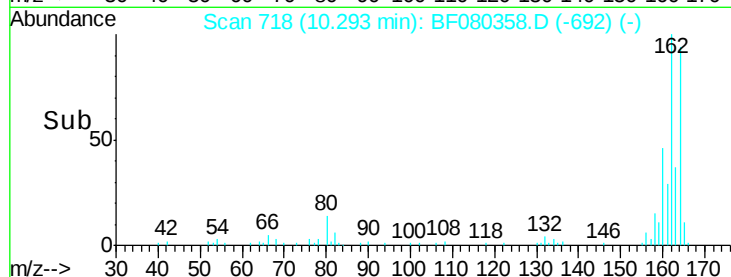
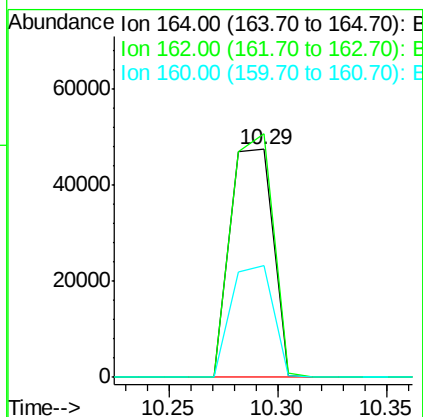
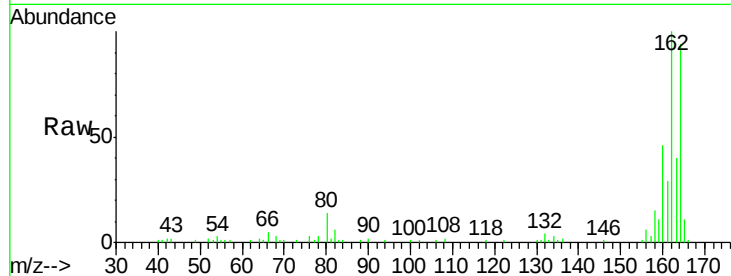




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF080358.D
Acq: 6 Jul 2015 21:51

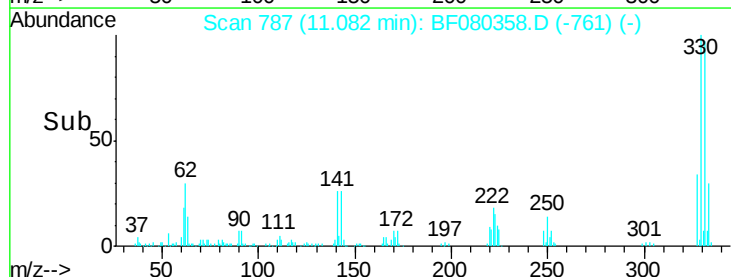
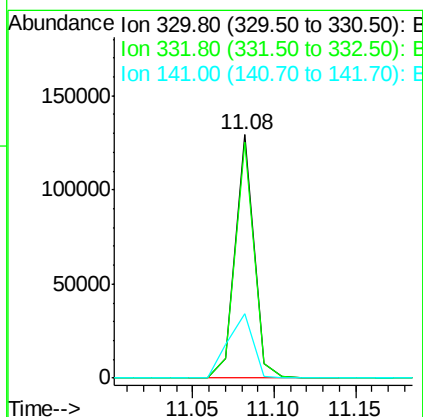
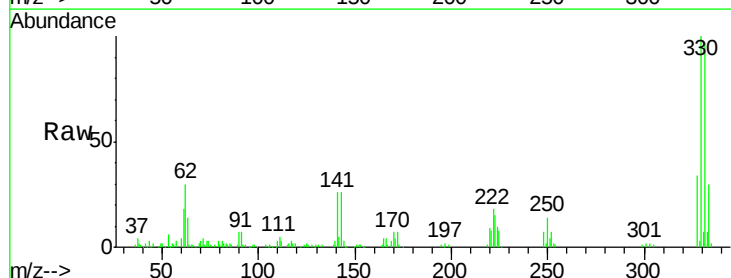
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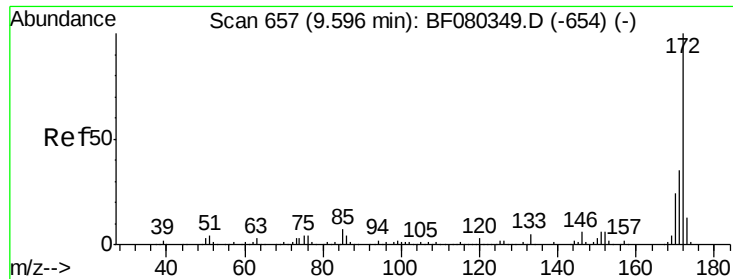
Tgt Ion:164 Resp: 65066
Ion Ratio Lower Upper
164 100
162 106.8 84.5 126.7
160 48.9 37.7 56.5



#41
2,4,6-Tribromophenol
Concen: 149.72 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF080358.D
Acq: 6 Jul 2015 21:51

Tgt Ion:330 Resp: 101935
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.4
141 35.4 29.6 44.4

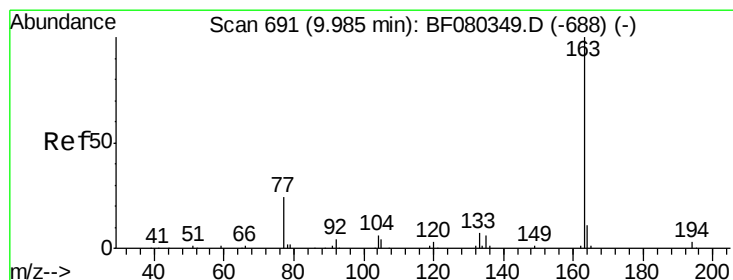
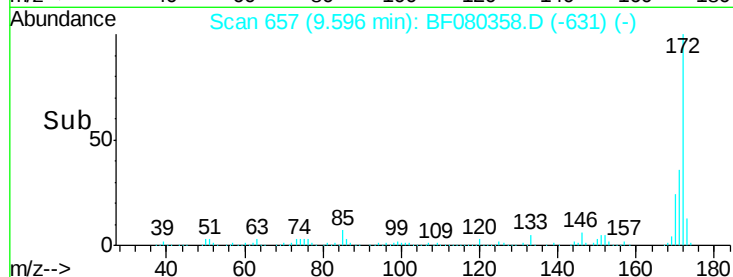
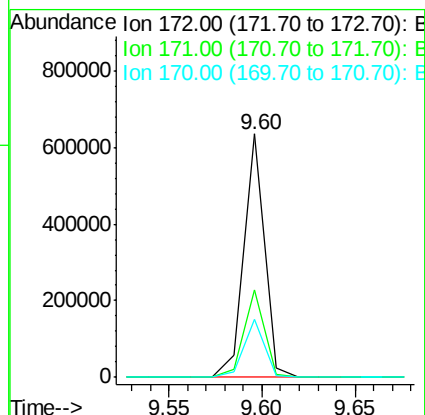
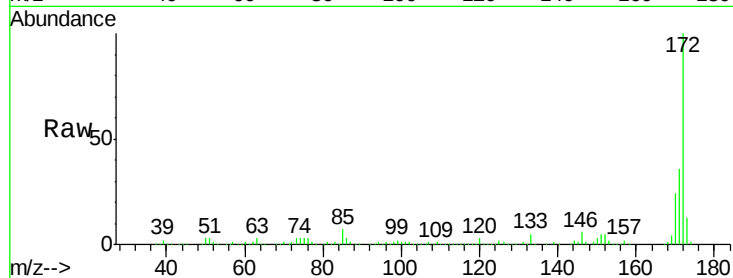




#44
 2-Fluorobiphenyl
 Concen: 102.34 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF080358.D
 Acq: 6 Jul 2015 21:51

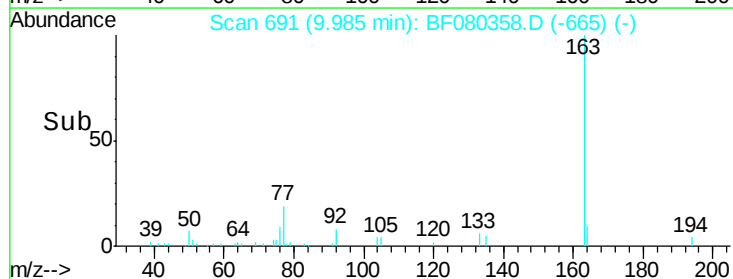
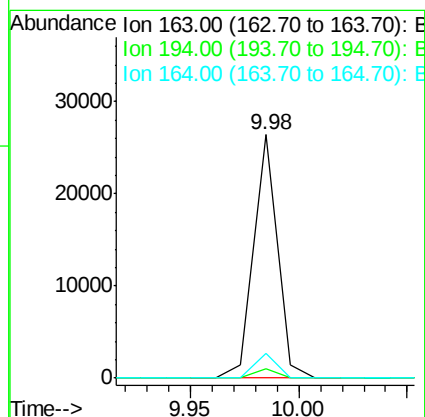
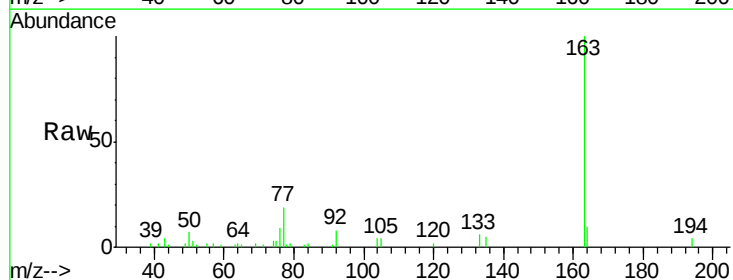
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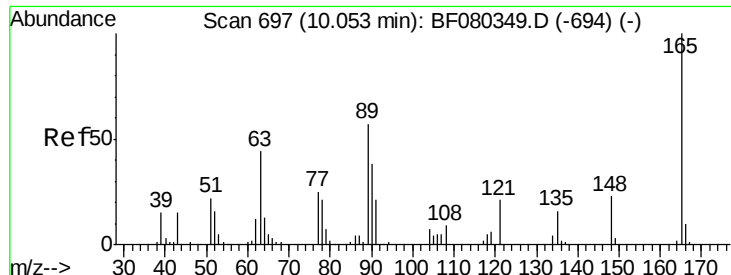
Tgt Ion:172 Resp: 493424
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.3 42.5
 170 24.1 19.1 28.7



#49
 Dimethylphthalate
 Concen: 3.85 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BF080358.D
 Acq: 6 Jul 2015 21:51

Tgt Ion:163 Resp: 20124
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.6 3.8#
 164 10.4 8.5 12.7

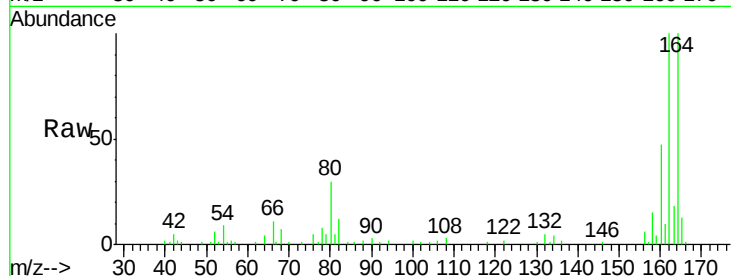




#50
 2,6-Dinitrotoluene
 Concen: 7.41 ng
 RT: 10.28 min Scan# 717
 Delta R.T. 0.23 min
 Lab File: BF080358.D
 Acq: 6 Jul 2015 21:51

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-154-7215

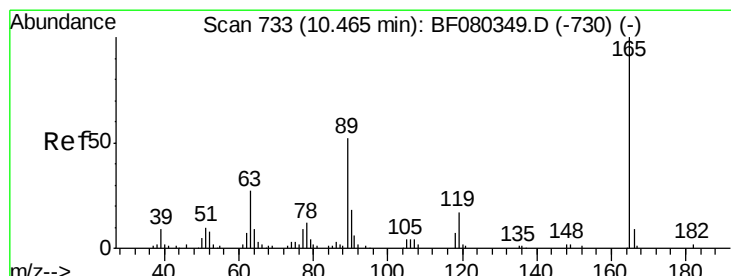
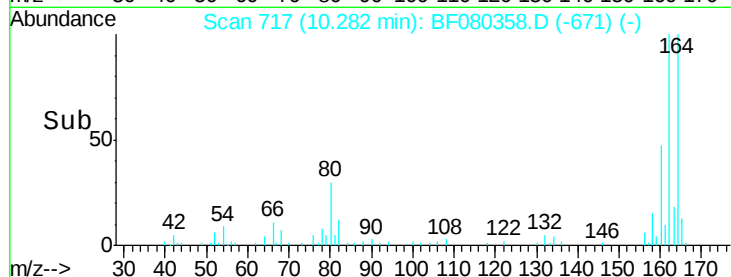
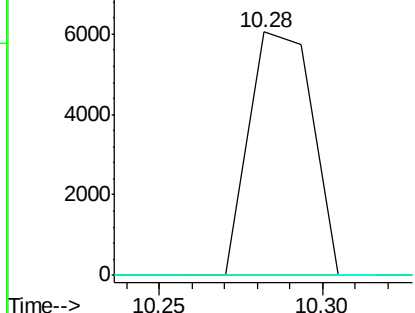
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	45.9	68.9#



Abundance Ion 165.00 (164.70 to 165.70): E

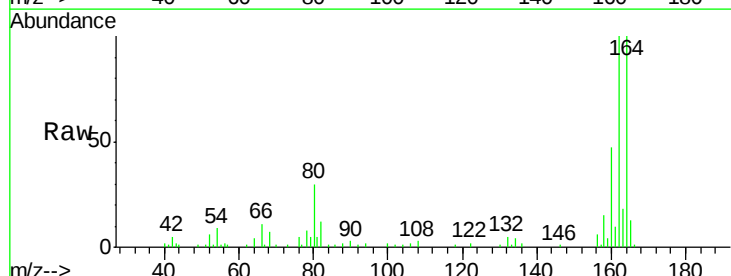
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 5.76 ng
 RT: 10.28 min Scan# 717
 Delta R.T. -0.18 min
 Lab File: BF080358.D
 Acq: 6 Jul 2015 21:51

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#

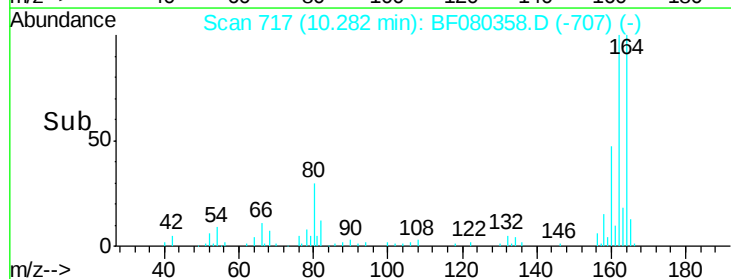
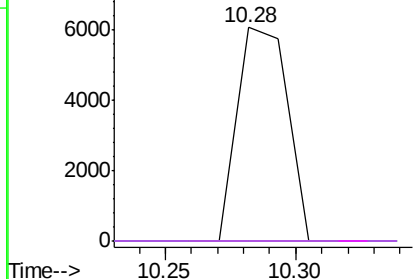


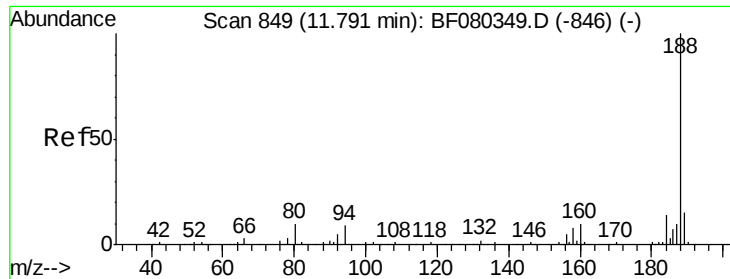
Abundance Ion 165.00 (164.70 to 165.70): E

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

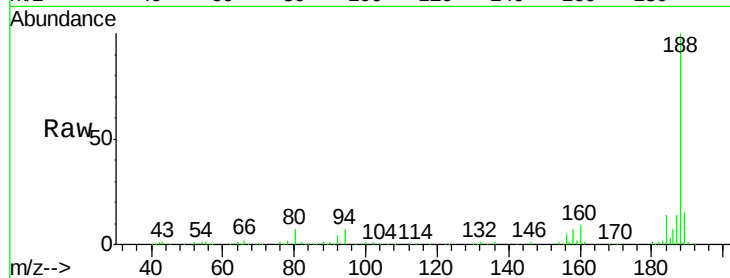




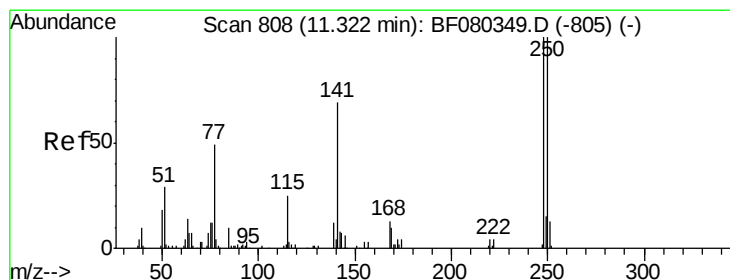
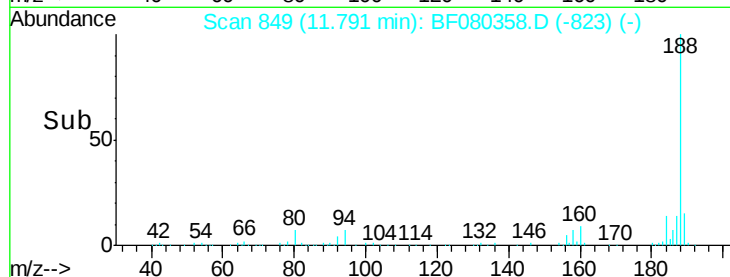
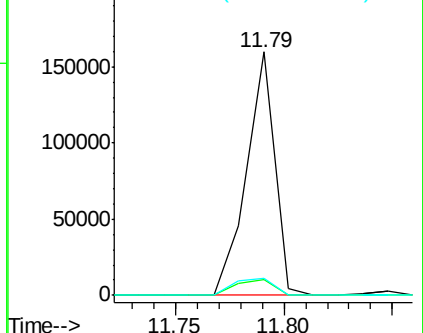
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.79 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BF080358.D
 Acq: 6 Jul 2015 21:51

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-154-7215

Tgt Ion:188 Resp: 144194
 Ion Ratio Lower Upper
 188 100
 94 6.7 7.5 11.3#
 80 7.1 8.3 12.5#

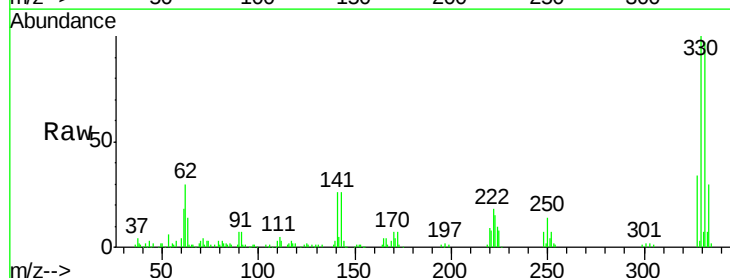


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

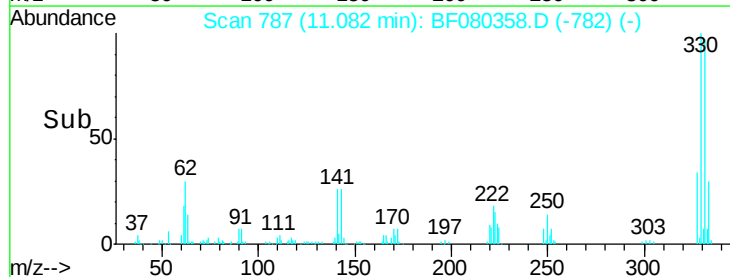
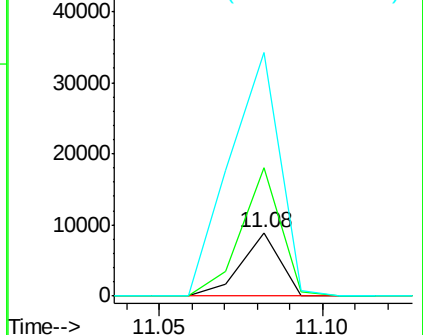


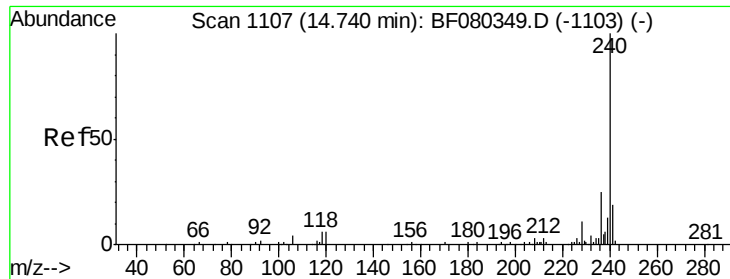
#66
 4-Bromophenyl-phenylether
 Concen: 4.38 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.24 min
 Lab File: BF080358.D
 Acq: 6 Jul 2015 21:51

Tgt Ion:248 Resp: 7236
 Ion Ratio Lower Upper
 248 100
 250 201.9 80.0 120.0#
 141 384.6 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: 14.69 min Scan# 1103

Delta R.T. -0.05 min

Lab File: BF080358.D

Acq: 6 Jul 2015 21:51

Instrument :

BNA_F

ClientSampleId :

DCW-WW-154-7215

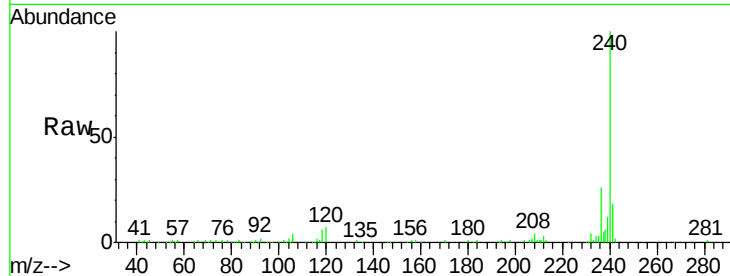
Tgt Ion:240 Resp: 149787

Ion Ratio Lower Upper

240 100

120 7.0 5.1 7.7

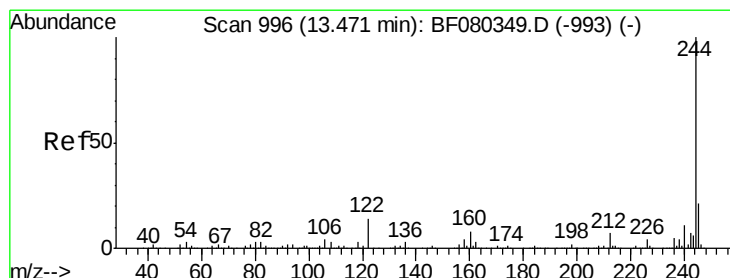
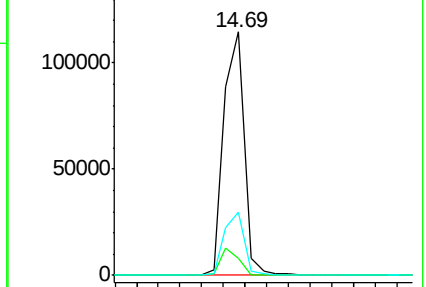
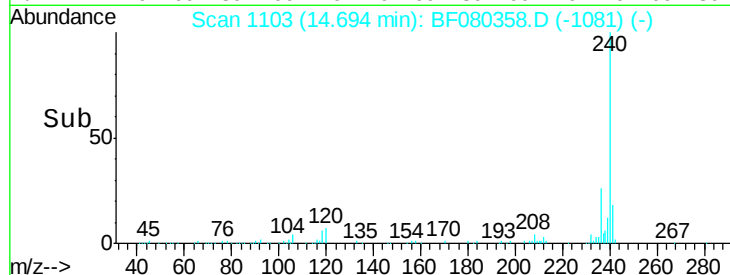
236 25.7 20.4 30.6



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: 90.74 ng

RT: 13.46 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF080358.D

Acq: 6 Jul 2015 21:51

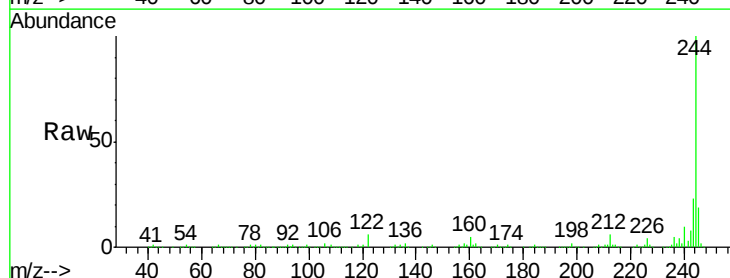
Tgt Ion:244 Resp: 582704

Ion Ratio Lower Upper

244 100

212 6.2 5.8 8.8

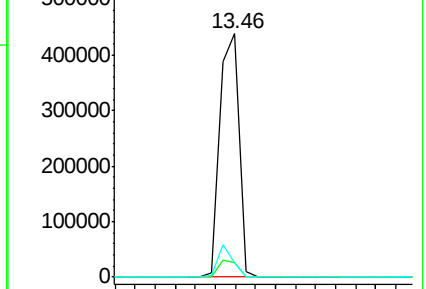
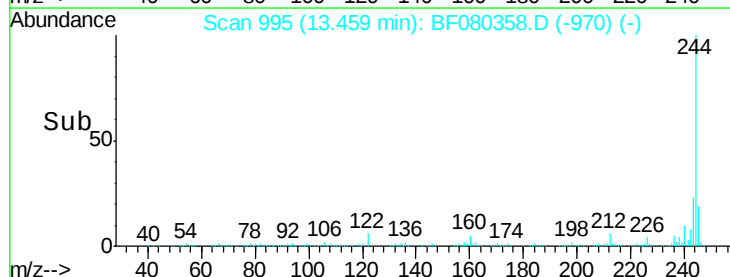
122 6.2 11.1 16.7#

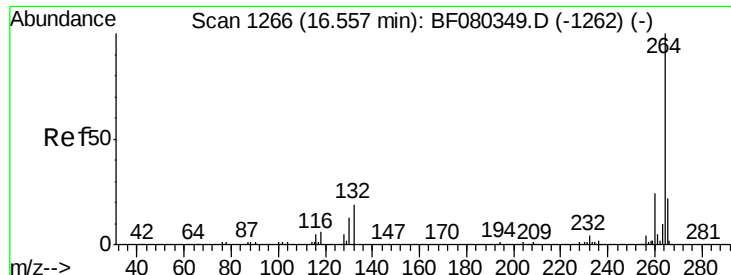


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

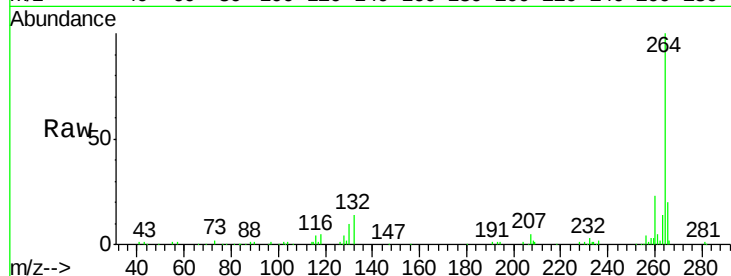




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.50 min Scan# 1261
Delta R.T. -0.06 min
Lab File: BF080358.D
Acq: 6 Jul 2015 21:51

Instrument :
BNA_F
ClientSampleId :
DCW-WW-154-7215

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.2	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

