

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
 Data File : BF080357.D
 Acq On : 6 Jul 2015 21:21
 Operator : TP/IZ
 Sample : G2877-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-153-7215

Quant Time: Jul 07 03:56:28 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

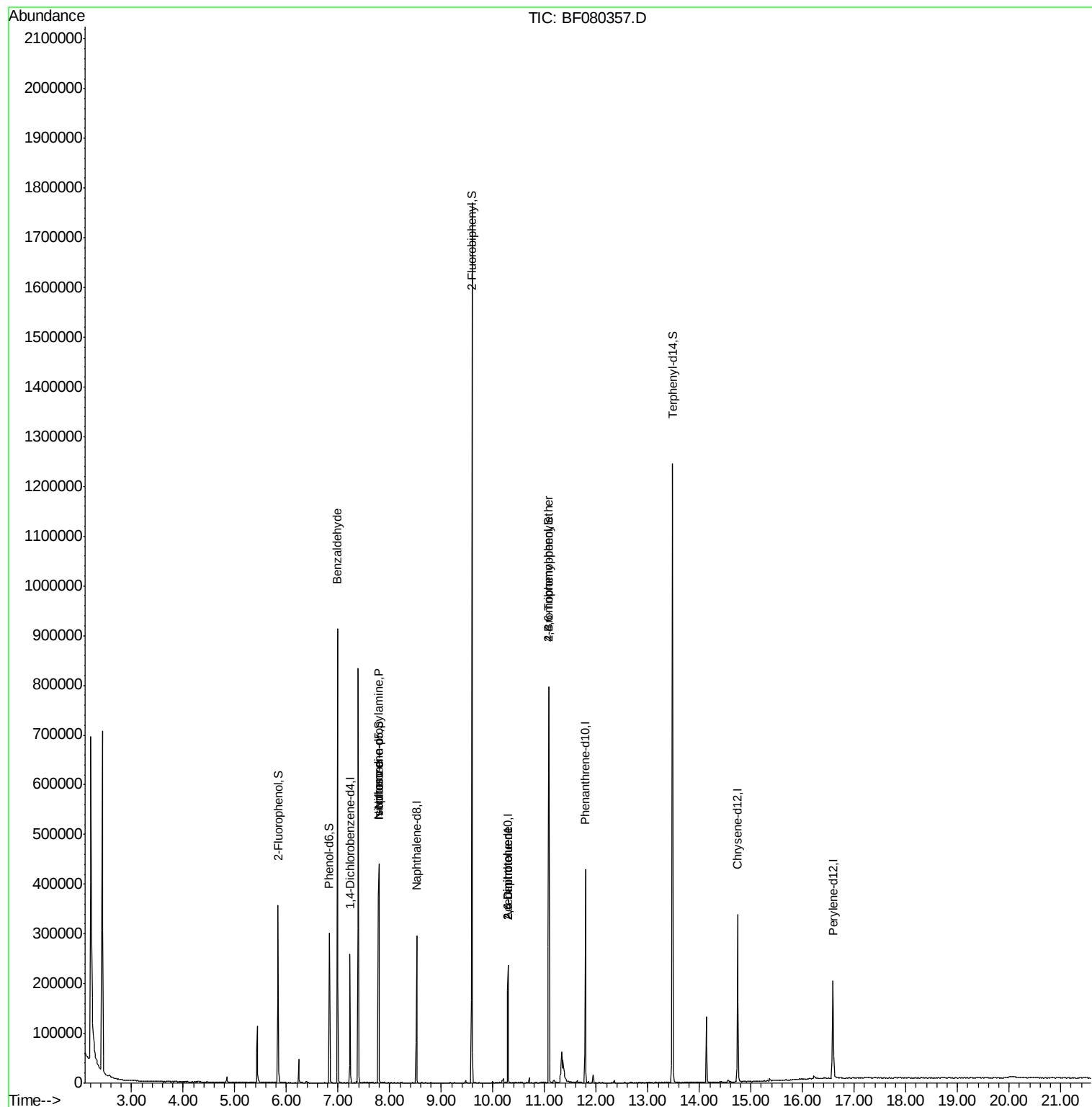
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	36029	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	132789	20.00	ng	0.00
38) Acenaphthene-d10	10.29	164	63758	20.00	ng	0.00
63) Phenanthrene-d10	11.79	188	148144	20.00	ng	0.00
75) Chrysene-d12	14.74	240	149196	20.00	ng	0.00
86) Perylene-d12	16.59	264	134372	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	109602	55.71	ng	0.00
7) Phenol-d6	6.83	99	90505	34.71	ng	0.00
23) Nitrobenzene-d5	7.79	82	195013	85.66	ng	0.00
41) 2,4,6-Tribromophenol	11.08	330	94755	142.03	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	475104	100.56	ng	0.00
78) Terphenyl-d14	13.48	244	611448	95.59	ng	0.01
Target Compounds						
9) Benzaldehyde	6.99	77	5059	3.49	ng	# 75
19) n-Nitroso-di-n-propylamine	7.79	70	24605	14.54	ng	# 74
25) Isophorone	7.79	82	194547	44.40	ng	# 69
50) 2,6-Dinitrotoluene	10.29	165	8049	7.52	ng	# 23
56) 2,4-Dinitrotoluene	10.29	165	8049	5.85	ng	# 35
66) 4-Bromophenyl-phenylether	11.08	248	6692	3.94	ng	# 1

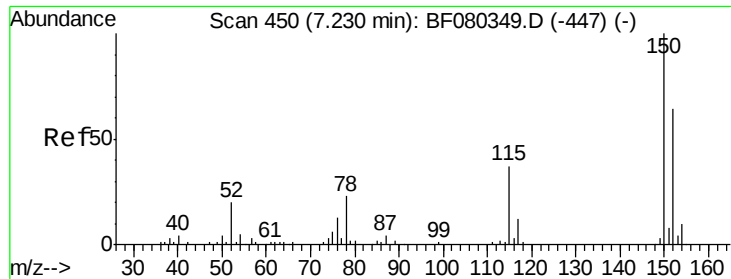
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF080357.D

Acq: 6 Jul 2015 21:21

Instrument :

BNA_F

ClientSampleId :

DCW-WW-153-7215

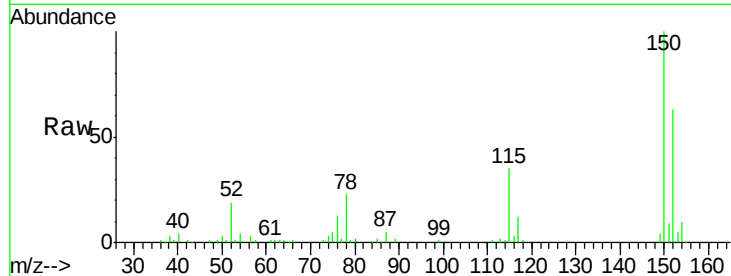
Tgt Ion:152 Resp: 36029

Ion Ratio Lower Upper

152 100

150 158.8 124.7 187.1

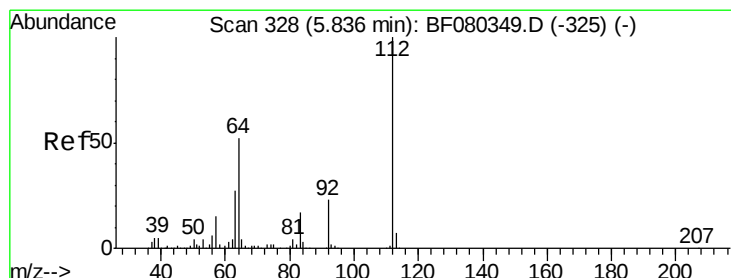
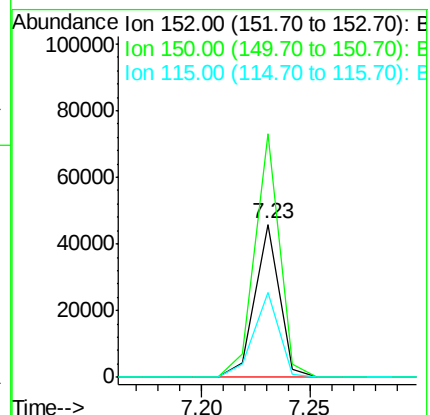
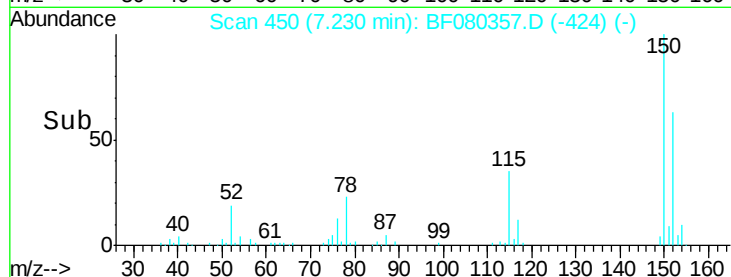
115 55.0 45.7 68.5



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: 55.71 ng

RT: 5.84 min Scan# 328

Delta R.T. 0.00 min

Lab File: BF080357.D

Acq: 6 Jul 2015 21:21

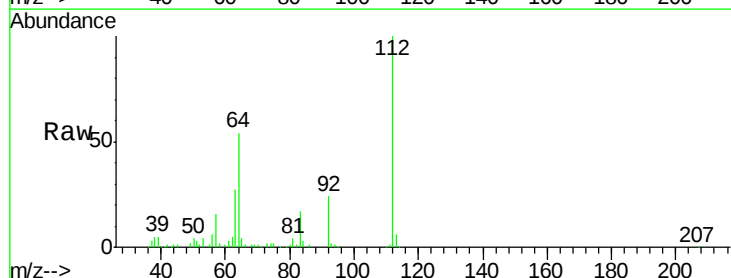
Tgt Ion:112 Resp: 109602

Ion Ratio Lower Upper

112 100

64 53.8 41.8 62.6

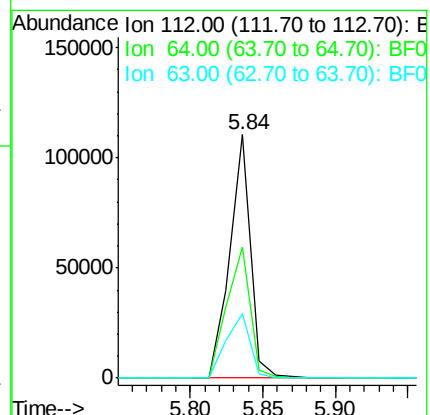
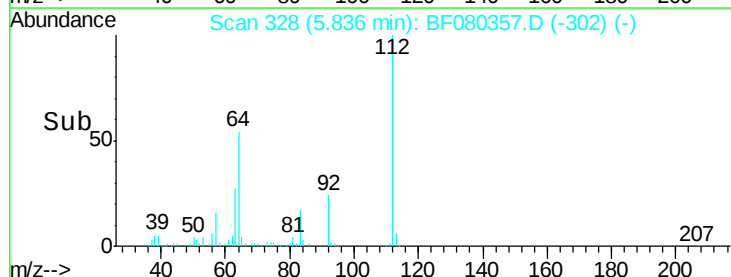
63 26.6 21.5 32.3

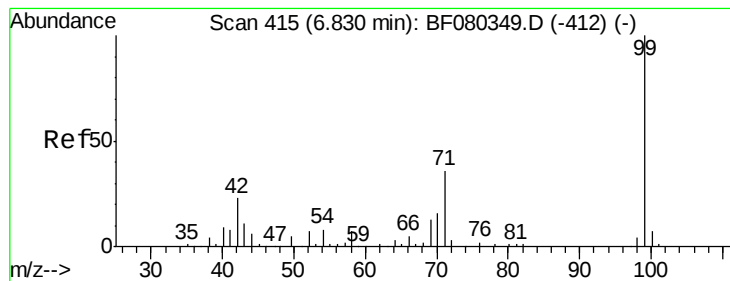


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.71 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF080357.D

Acq: 6 Jul 2015 21:21

Instrument :

BNA_F

ClientSampleId :

DCW-WW-153-7215

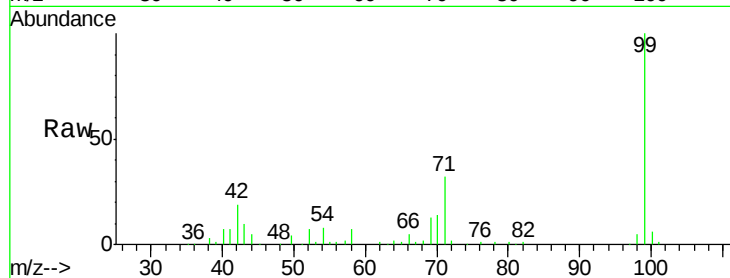
Tgt Ion: 99 Resp: 90505

Ion Ratio Lower Upper

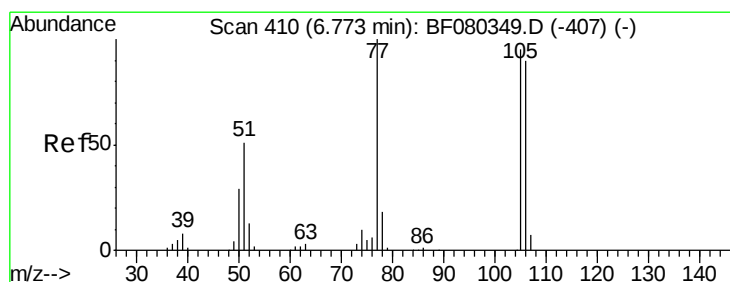
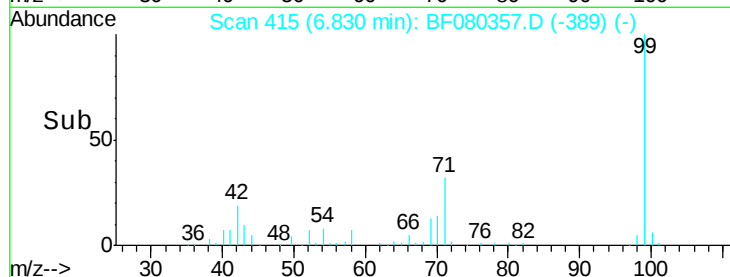
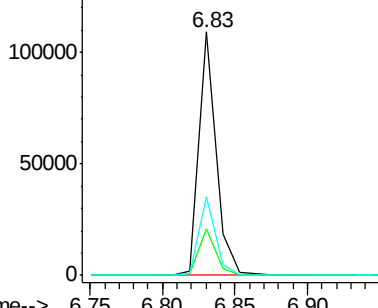
99 100

42 19.2 18.5 27.7

71 32.3 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: 3.49 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.22 min

Lab File: BF080357.D

Acq: 6 Jul 2015 21:21

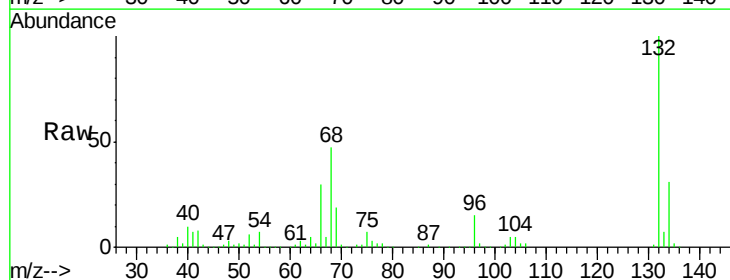
Tgt Ion: 77 Resp: 5059

Ion Ratio Lower Upper

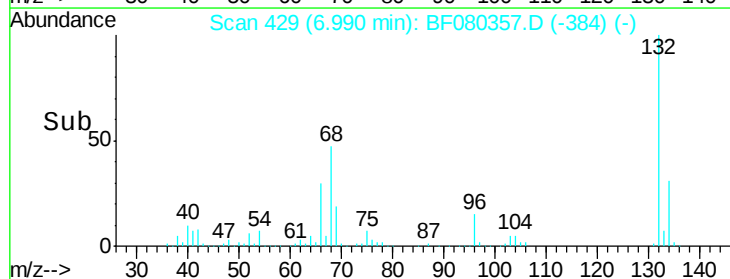
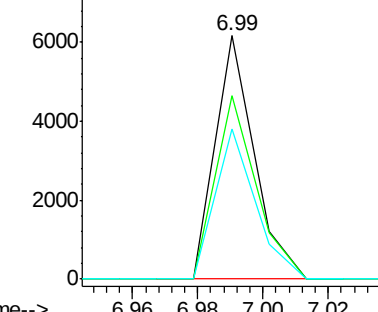
77 100

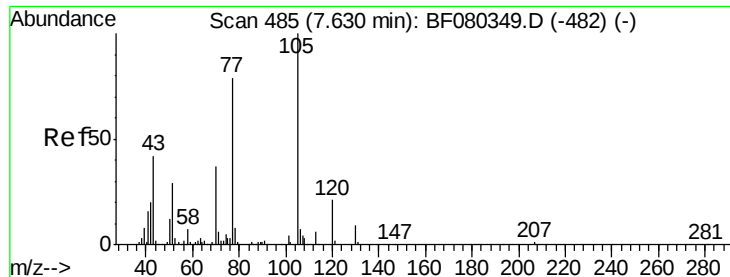
105 75.5 75.2 115.2

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

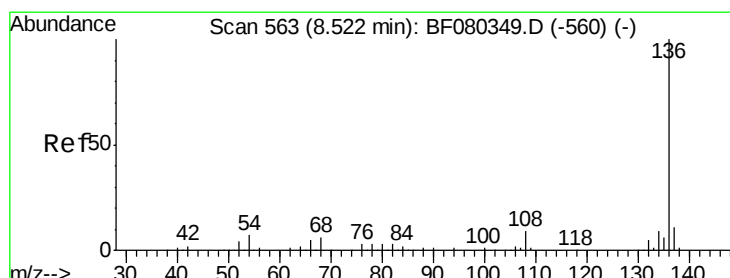
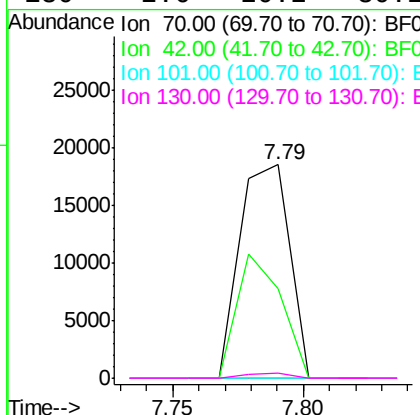
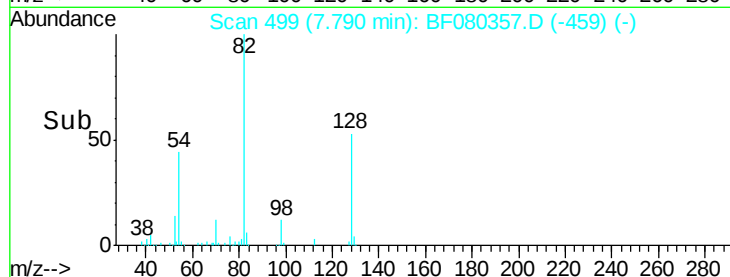
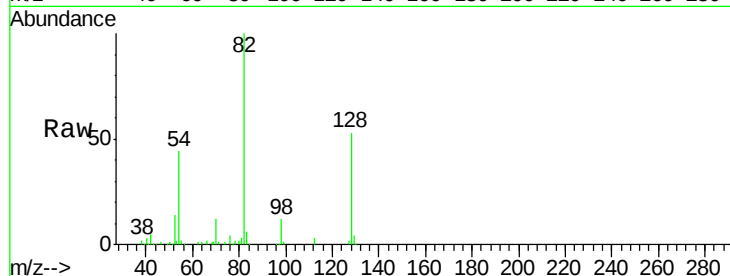




#19
n-Nitroso-di-n-propylamine
Concen: 14.54 ng
RT: 7.79 min Scan# 499
Delta R.T. 0.16 min
Lab File: BF080357.D
Acq: 6 Jul 2015 21:21

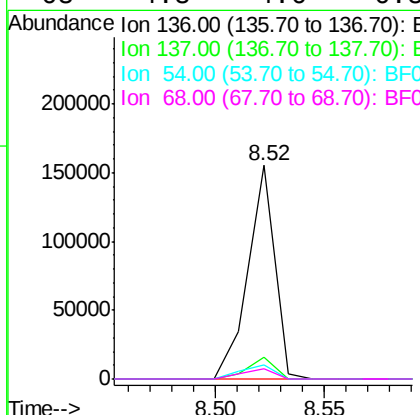
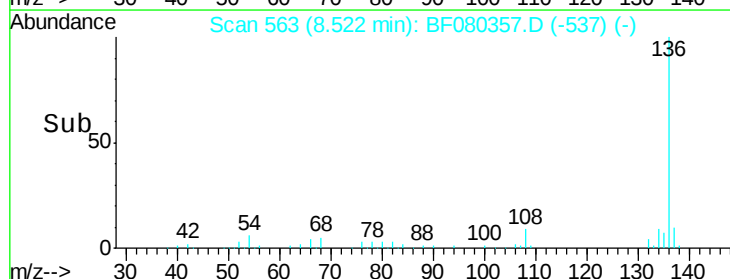
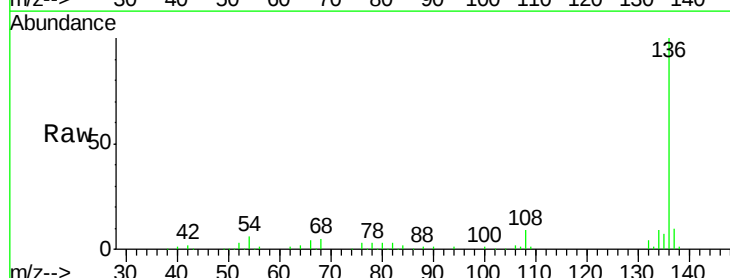
Instrument :
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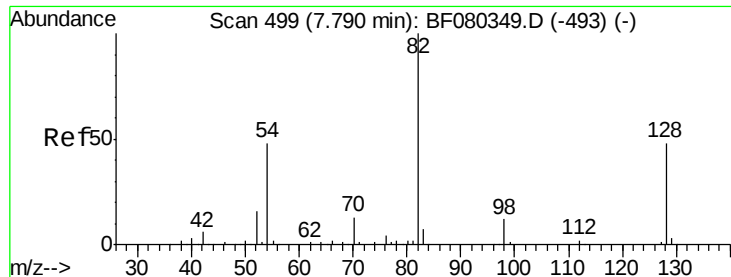
Tgt Ion: 70 Resp: 24605
Ion Ratio Lower Upper
70 100
42 42.0 43.0 64.6#
101 0.0 8.3 12.5#
130 2.6 20.2 30.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.52 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF080357.D
Acq: 6 Jul 2015 21:21

Tgt Ion: 136 Resp: 132789
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 6.5 5.8 8.8
68 4.8 4.6 6.8

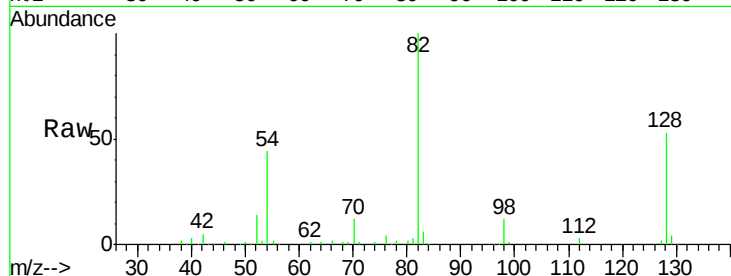




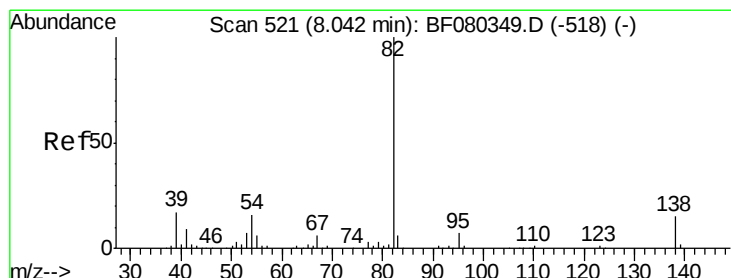
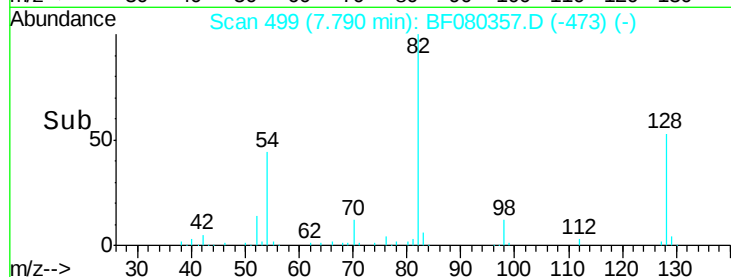
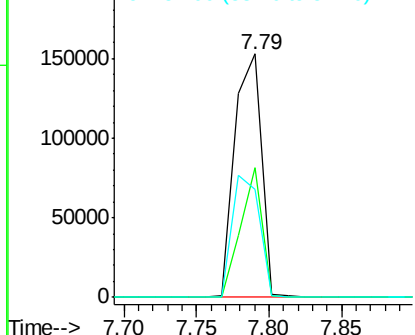
#23
 Nitrobenzene-d5
 Concen: 85.66 ng
 RT: 7.79 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: BF080357.D
 Acq: 6 Jul 2015 21:21

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-153-7215

Tgt Ion: 82 Resp: 195013
 Ion Ratio Lower Upper
 82 100
 128 53.3 38.4 57.6
 54 44.2 38.2 57.2

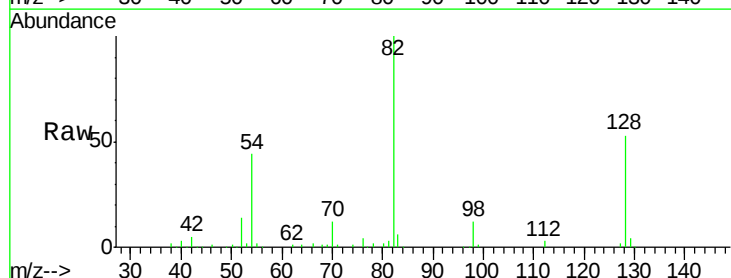


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

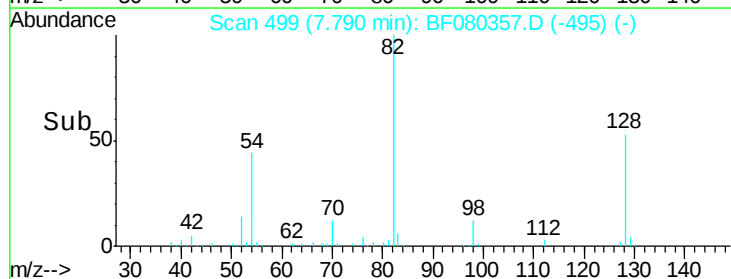
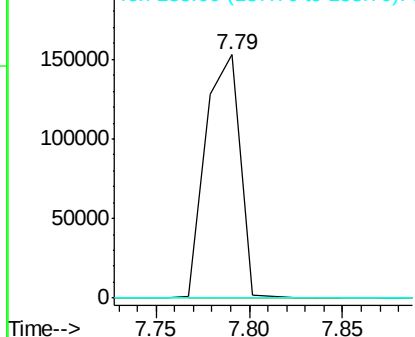


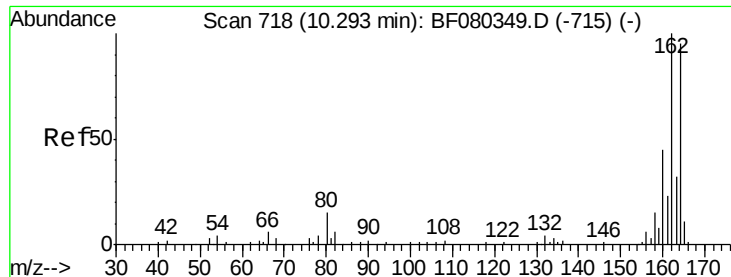
#25
 Isophorone
 Concen: 44.40 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.25 min
 Lab File: BF080357.D
 Acq: 6 Jul 2015 21:21

Tgt Ion: 82 Resp: 194547
 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): E

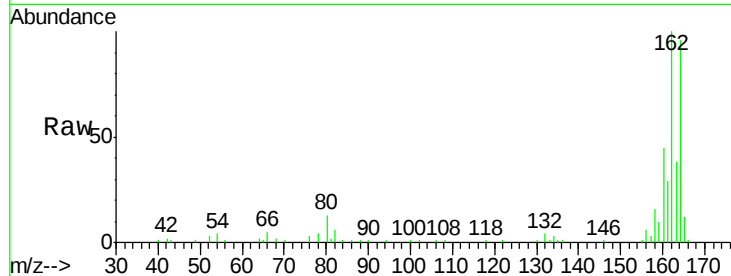




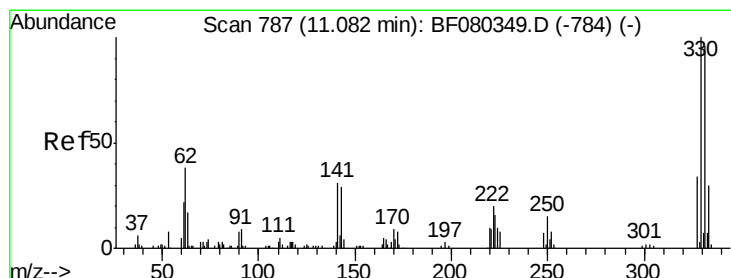
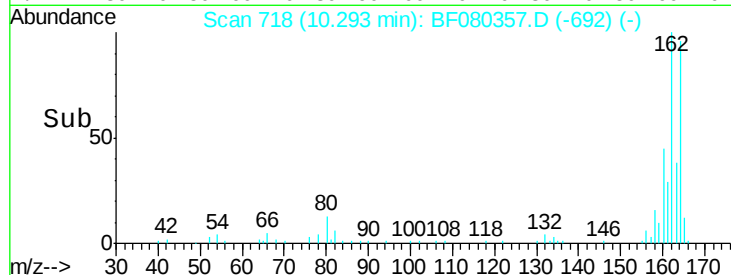
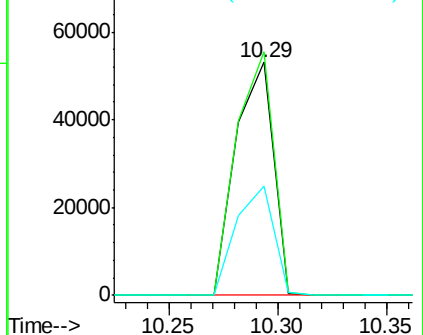
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.29 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF080357.D
 Acq: 6 Jul 2015 21:21

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-153-7215

Tgt Ion:164 Resp: 63758
 Ion Ratio Lower Upper
 164 100
 162 104.4 84.5 126.7
 160 46.8 37.7 56.5

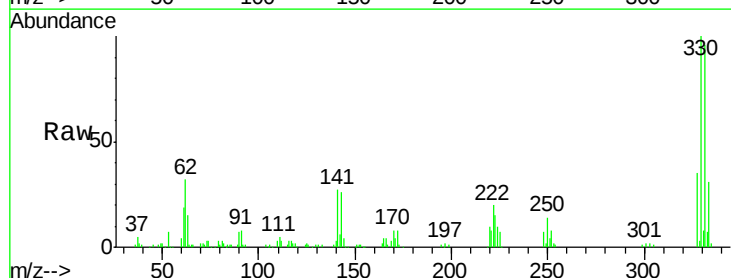


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

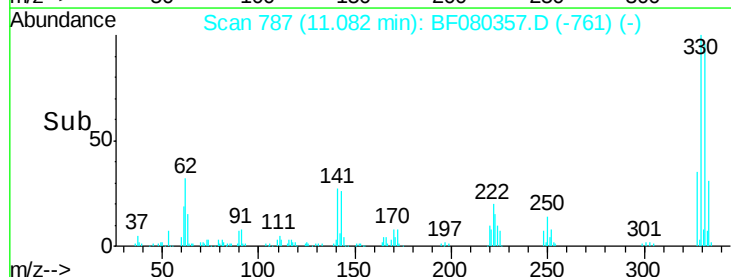
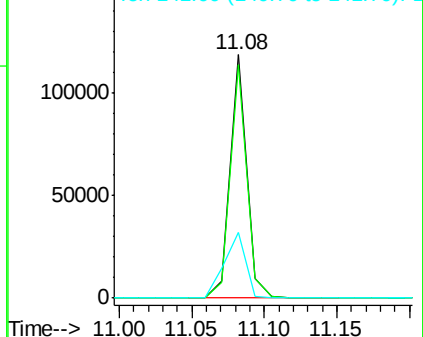


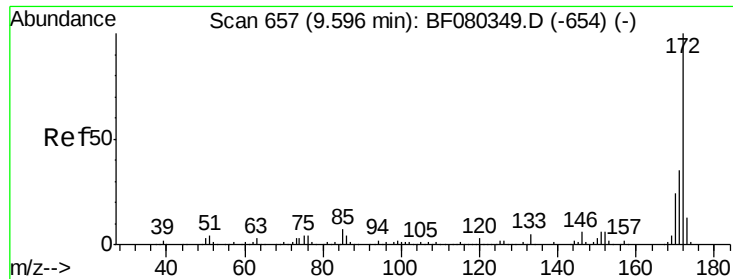
#41
 2,4,6-Tribromophenol
 Concen: 142.03 ng
 RT: 11.08 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF080357.D
 Acq: 6 Jul 2015 21:21

Tgt Ion:330 Resp: 94755
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.4
 141 34.5 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

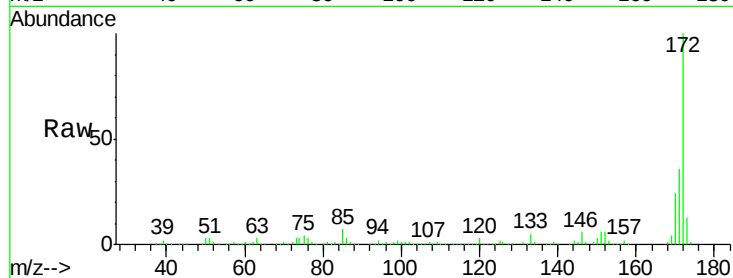




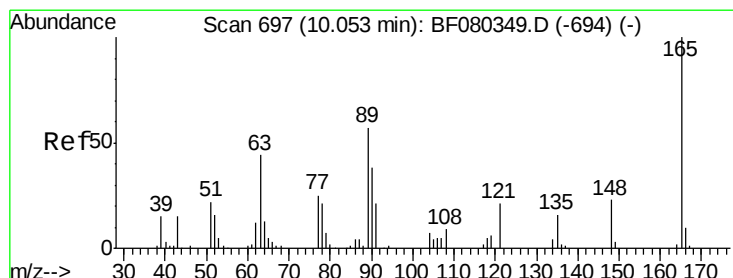
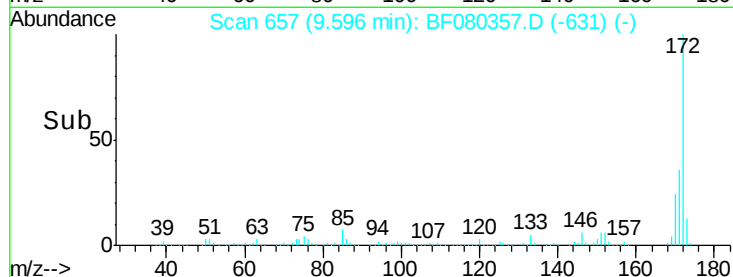
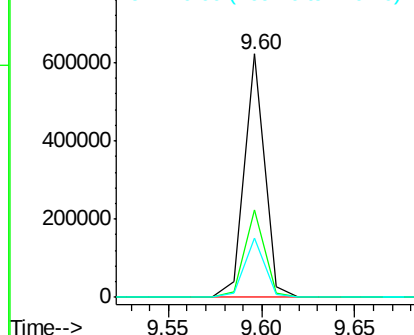
#44
 2-Fluorobiphenyl
 Concen: 100.56 ng
 RT: 9.60 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF080357.D
 Acq: 6 Jul 2015 21:21

Instrument :
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Tgt Ion:172 Resp: 475104
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.3 42.5
 170 24.3 19.1 28.7

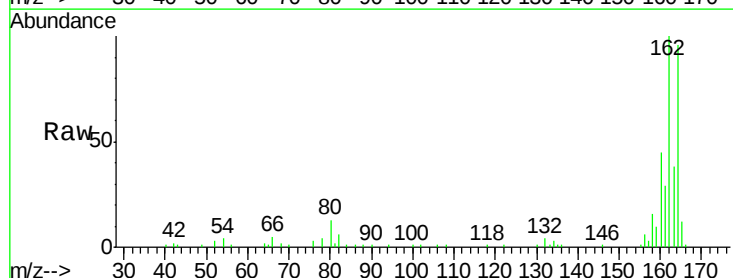


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

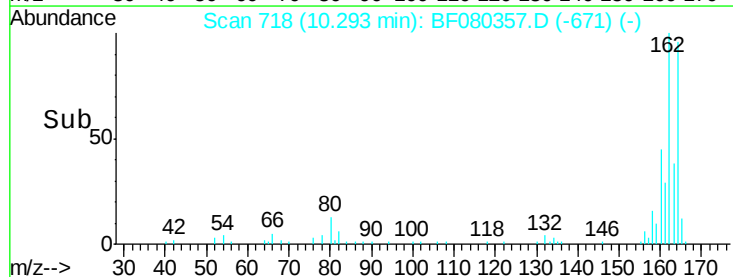
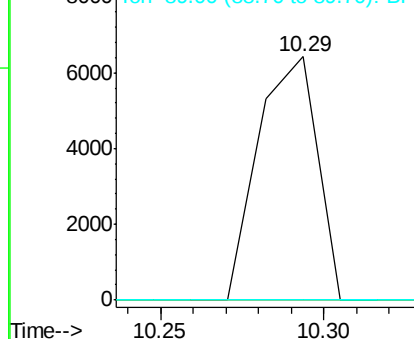


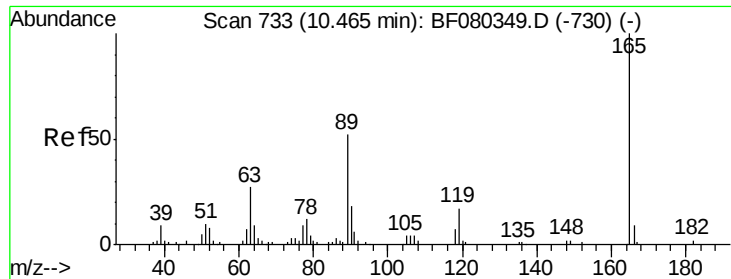
#50
 2,6-Dinitrotoluene
 Concen: 7.52 ng
 RT: 10.29 min Scan# 718
 Delta R.T. 0.24 min
 Lab File: BF080357.D
 Acq: 6 Jul 2015 21:21

Tgt Ion:165 Resp: 8049
 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

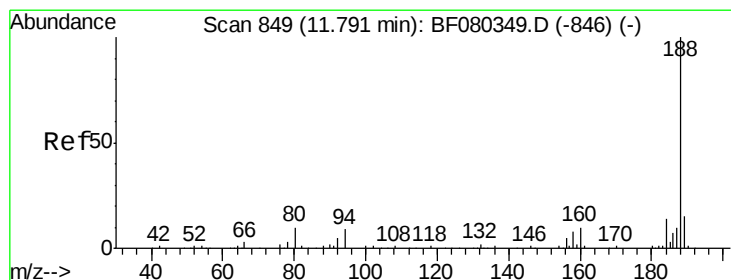
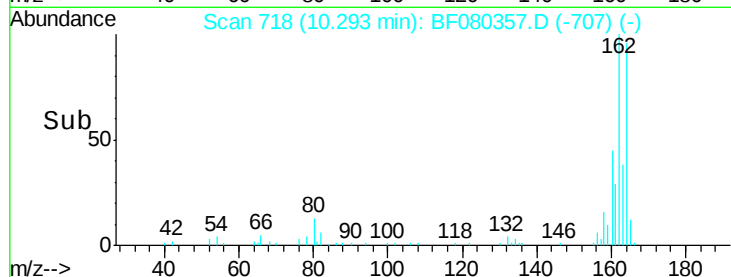
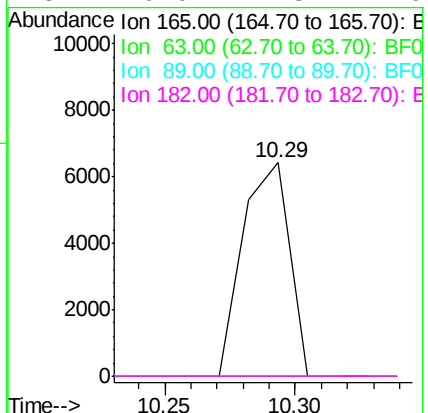
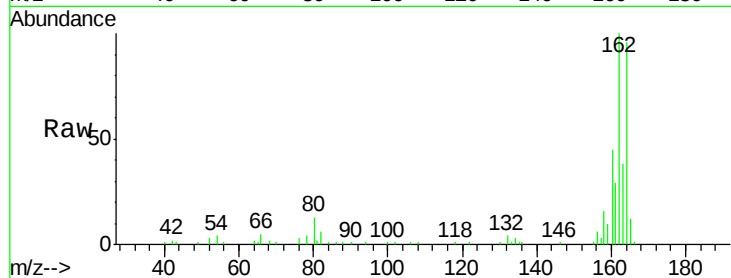




#56
 2,4-Dinitrotoluene
 Concen: 5.85 ng
 RT: 10.29 min Scan# 718
 Delta R.T. -0.17 min
 Lab File: BF080357.D
 Acq: 6 Jul 2015 21:21

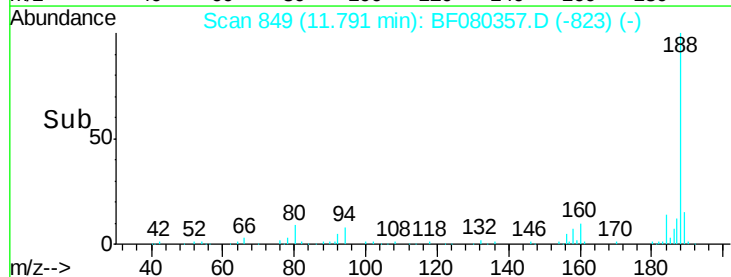
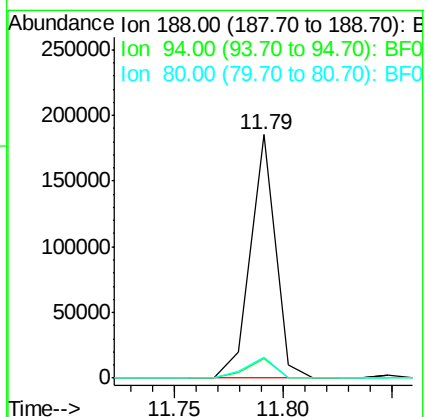
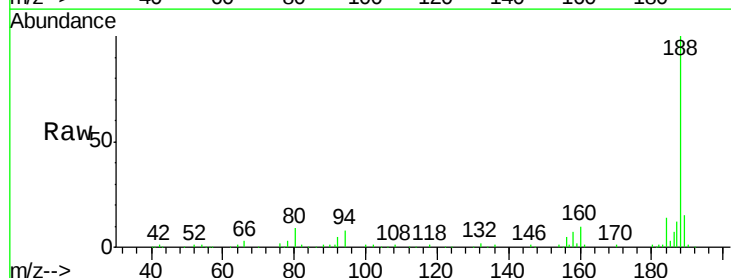
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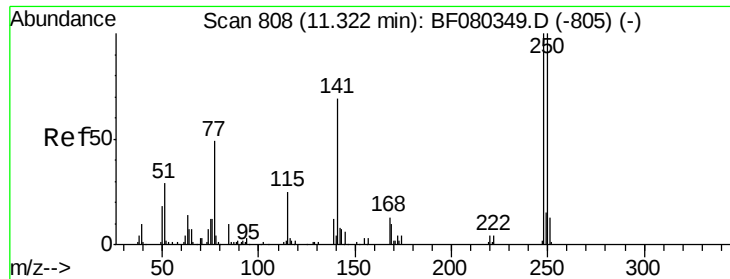
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	21.8	32.8#
89	0.0	41.3	61.9#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.79 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF080357.D
 Acq: 6 Jul 2015 21:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.5	11.3
80	8.5	8.3	12.5

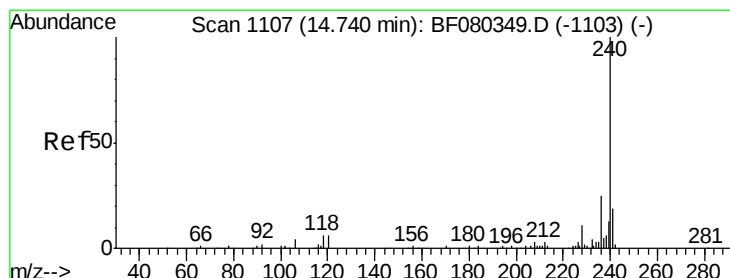
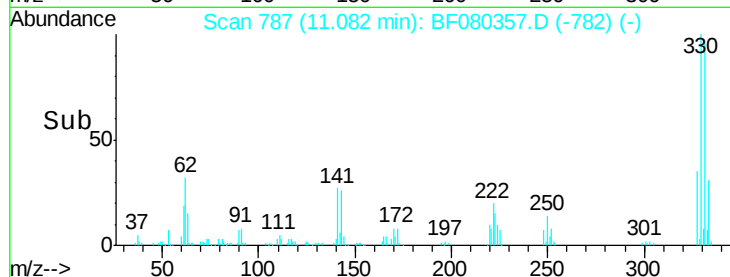
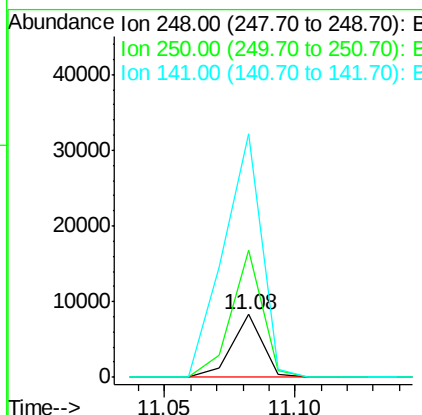
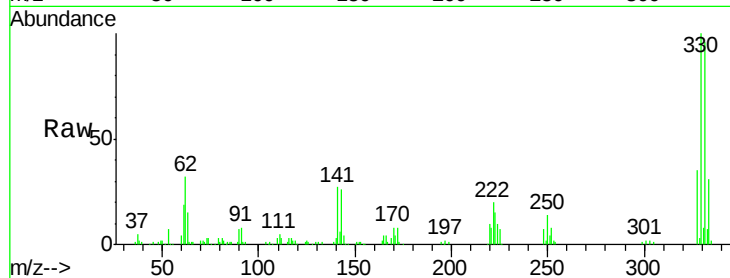




#66
 4-Bromophenyl-phenylether
 Concen: 3.94 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.24 min
 Lab File: BF080357.D
 Acq: 6 Jul 2015 21:21

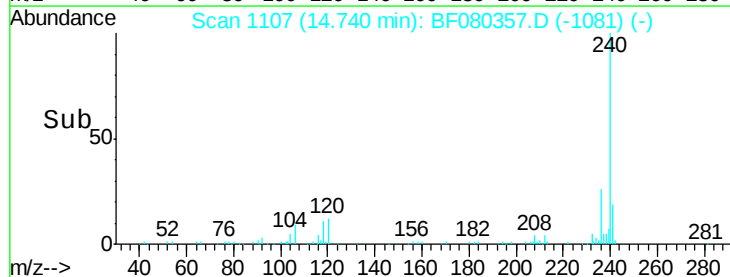
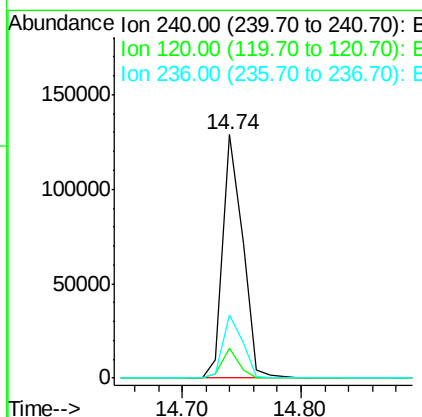
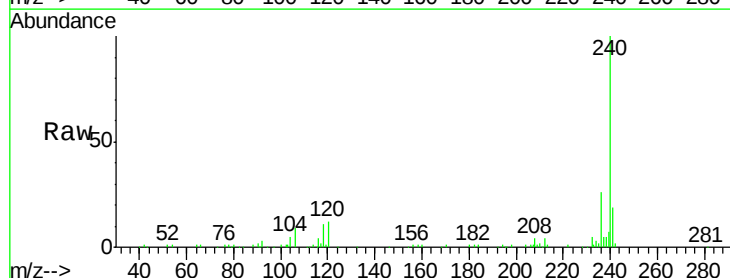
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-153-7215

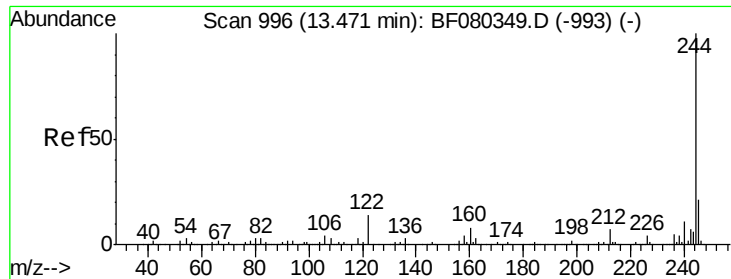
Tgt Ion:248 Resp: 6692
 Ion Ratio Lower Upper
 248 100
 250 202.2 80.0 120.0#
 141 388.9 54.8 82.2#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.74 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: BF080357.D
 Acq: 6 Jul 2015 21:21

Tgt Ion:240 Resp: 149196
 Ion Ratio Lower Upper
 240 100
 120 12.1 5.1 7.7#
 236 25.9 20.4 30.6

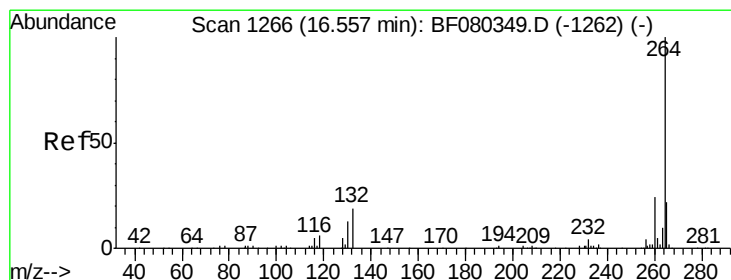
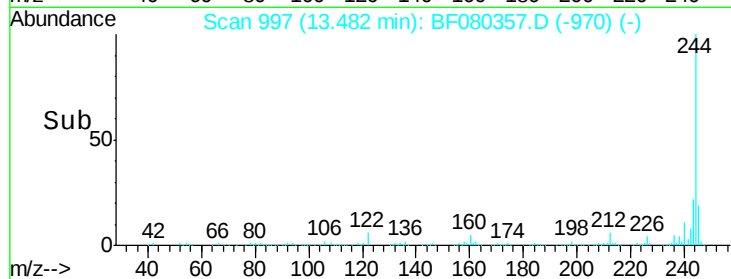
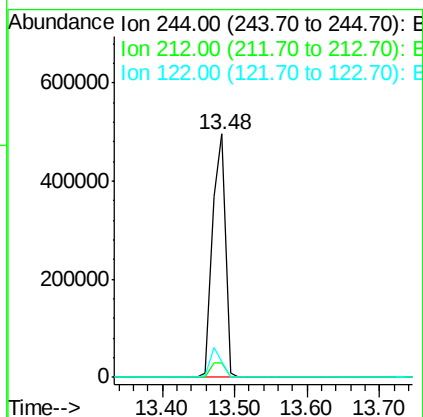
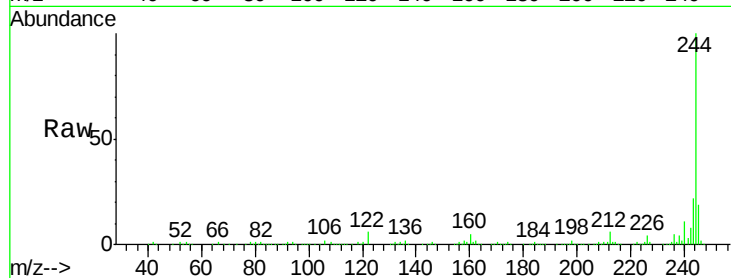




#78
 Terphenyl-d14
 Concen: 95.59 ng
 RT: 13.48 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: BF080357.D
 Acq: 6 Jul 2015 21:21

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-153-7215

Tgt Ion:244 Resp: 611448
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.8 8.8
 122 6.3 11.1 16.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.59 min Scan# 1269
 Delta R.T. 0.03 min
 Lab File: BF080357.D
 Acq: 6 Jul 2015 21:21

Tgt Ion:264 Resp: 134372
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.2 17.6 26.4

