

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
 Data File : BF080356.D
 Acq On : 6 Jul 2015 20:52
 Operator : TP/IZ
 Sample : G2877-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-152-7215

Quant Time: Jul 07 03:56:16 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

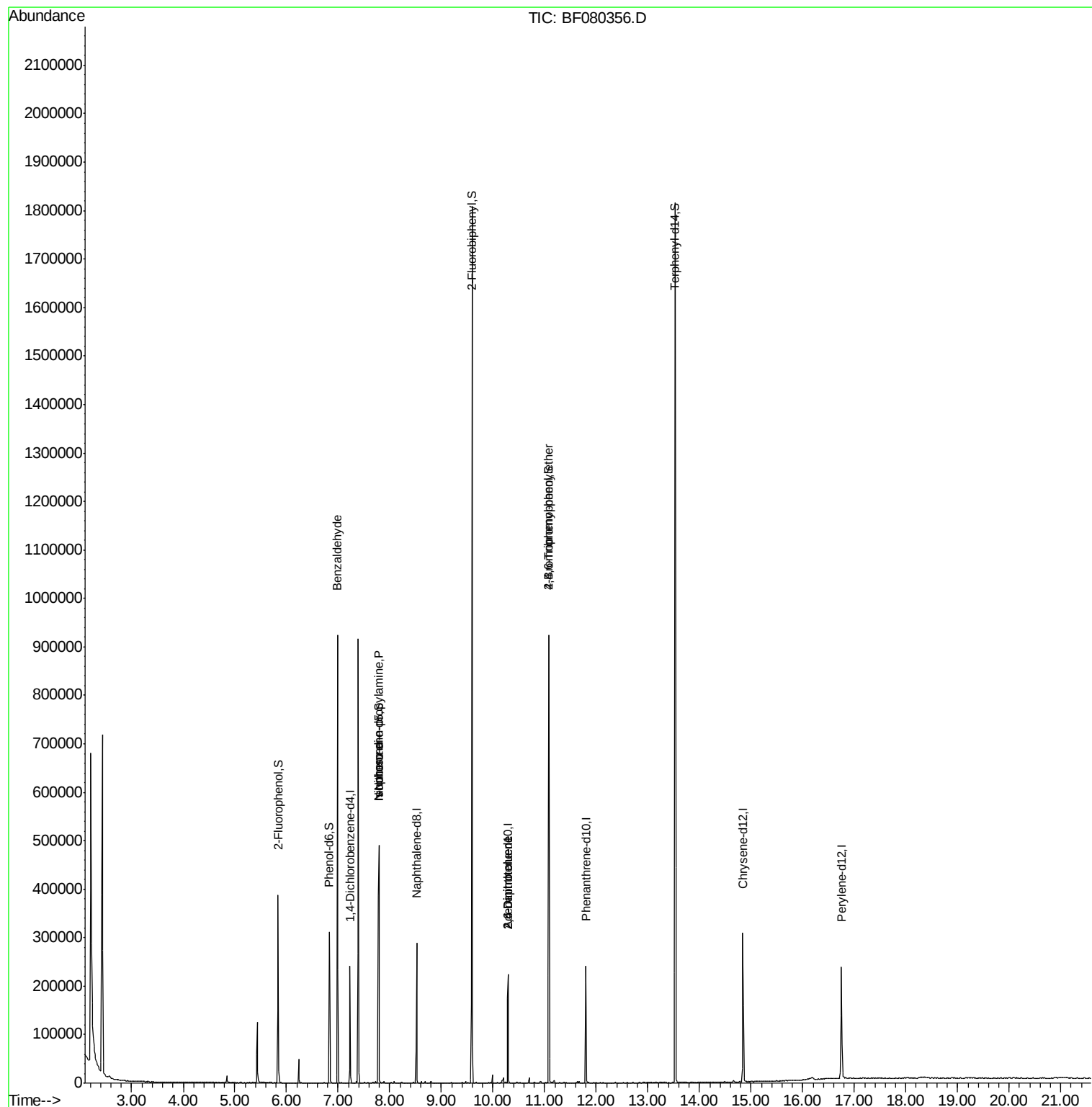
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	34663	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	125625	20.00	ng	0.00
38) Acenaphthene-d10	10.29	164	59724	20.00	ng	0.00
63) Phenanthrene-d10	11.80	188	128189	20.00	ng	0.01
75) Chrysene-d12	14.84	240	141100	20.00	ng	0.10
86) Perylene-d12	16.75	264	129558	20.00	ng	0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	113023	59.72	ng	0.00
7) Phenol-d6	6.83	99	94081	37.50	ng	0.00
23) Nitrobenzene-d5	7.79	82	209670	97.35	ng	0.00
41) 2,4,6-Tribromophenol	11.08	330	100049	160.10	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	484917	109.57	ng	0.00
78) Terphenyl-d14	13.53	244	608310	100.56	ng	0.06
Target Compounds						
9) Benzaldehyde	6.99	77	5425	3.89	ng	# 69
19) n-Nitroso-di-n-propylamine	7.79	70	25978	15.96	ng	# 76
25) Isophorone	7.79	82	209245	50.47	ng	# 69
50) 2,6-Dinitrotoluene	10.29	165	7763	7.74	ng	# 23
56) 2,4-Dinitrotoluene	10.29	165	7764	6.02	ng	# 35
66) 4-Bromophenyl-phenylether	11.08	248	7494	5.10	ng	# 1

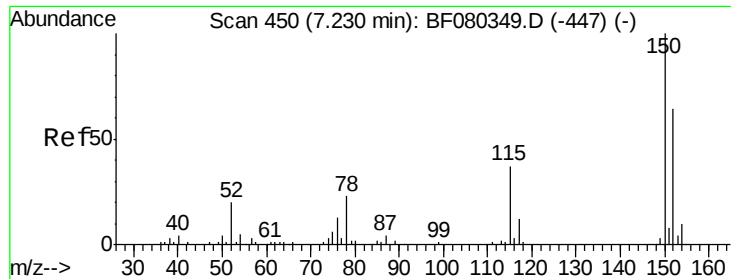
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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QLast Update : Tue Jul 07 03:05:40 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF080356.D

Acq: 6 Jul 2015 20:52

Instrument :

BNA_F

ClientSampleId :

DCW-WW-152-7215

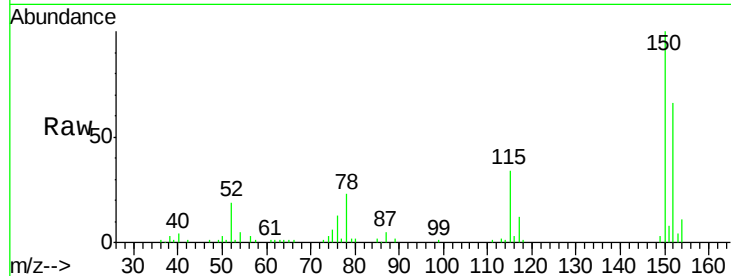
Tgt Ion:152 Resp: 34663

Ion Ratio Lower Upper

152 100

150 150.5 124.7 187.1

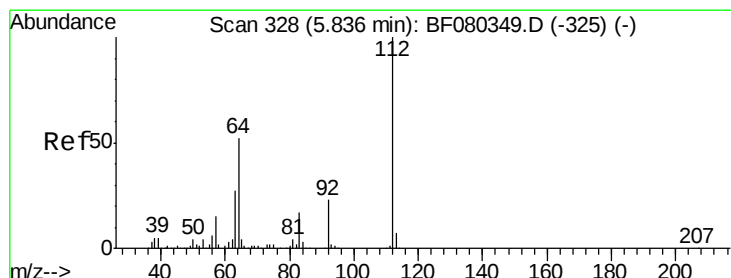
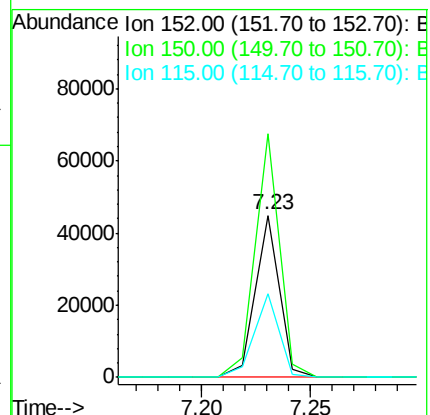
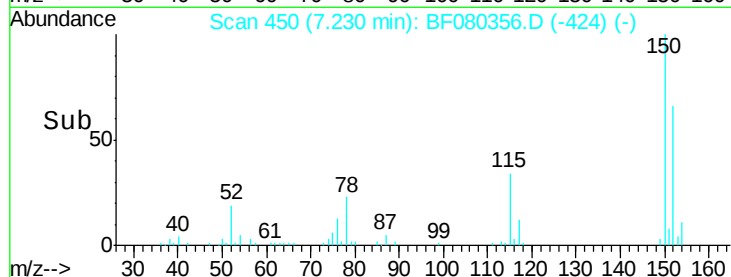
115 51.5 45.7 68.5



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: 59.72 ng

RT: 5.84 min Scan# 328

Delta R.T. -0.00 min

Lab File: BF080356.D

Acq: 6 Jul 2015 20:52

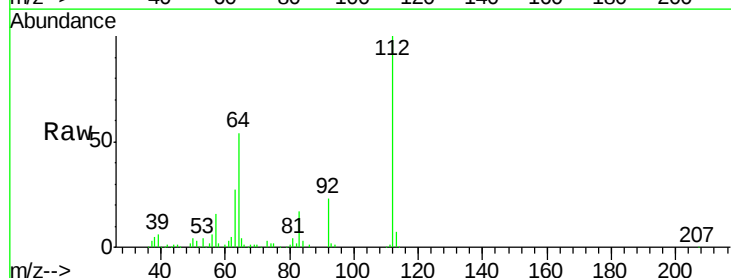
Tgt Ion:112 Resp: 113023

Ion Ratio Lower Upper

112 100

64 54.2 41.8 62.6

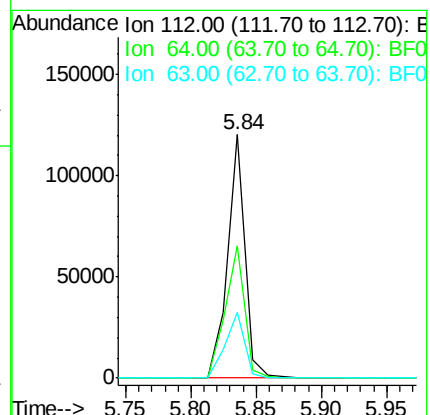
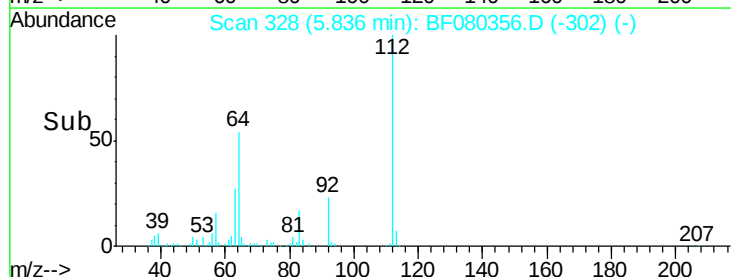
63 26.9 21.5 32.3

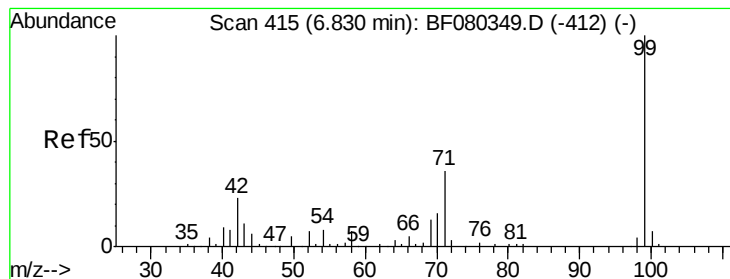


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.50 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF080356.D

Acq: 6 Jul 2015 20:52

Instrument :

BNA_F

ClientSampleId :

DCW-WW-152-7215

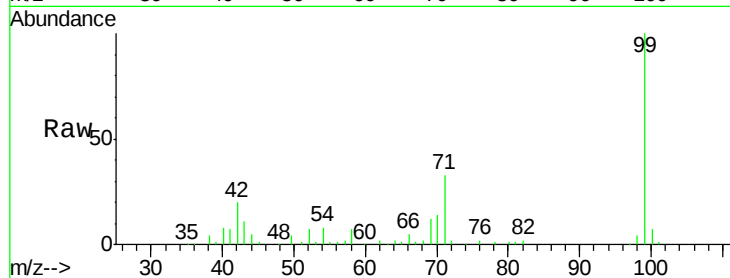
Tgt Ion: 99 Resp: 94081

Ion Ratio Lower Upper

99 100

42 19.7 18.5 27.7

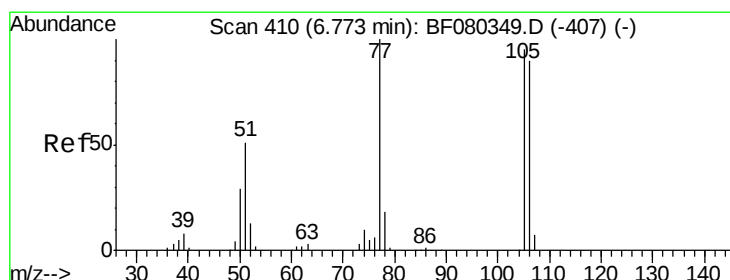
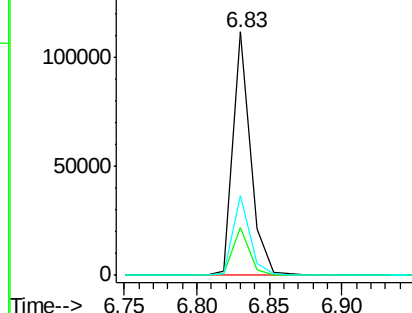
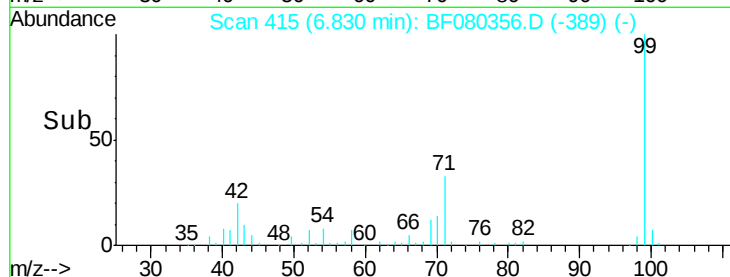
71 32.7 28.5 42.7



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: 3.89 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.22 min

Lab File: BF080356.D

Acq: 6 Jul 2015 20:52

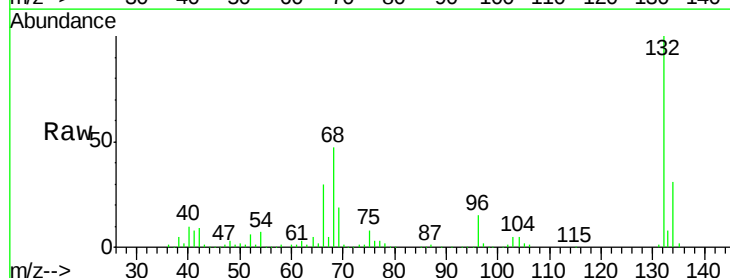
Tgt Ion: 77 Resp: 5425

Ion Ratio Lower Upper

77 100

105 69.5 75.2 115.2#

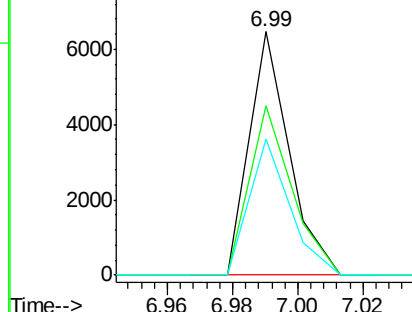
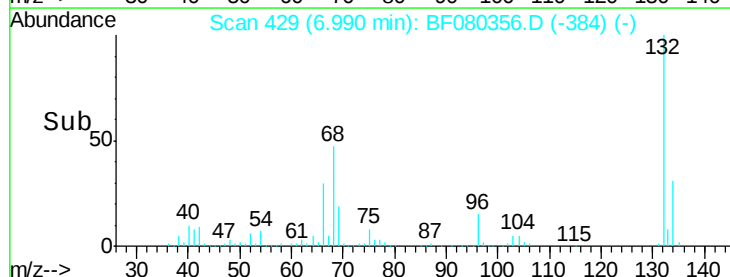
106 55.8 69.9 109.9#

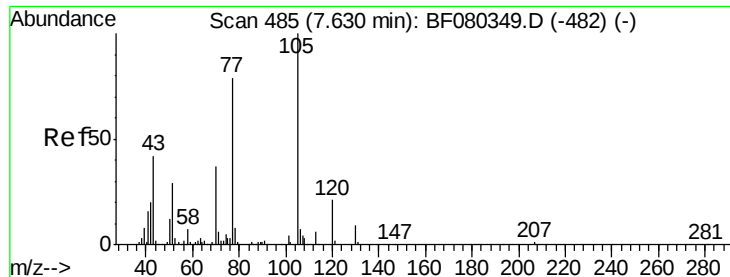


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

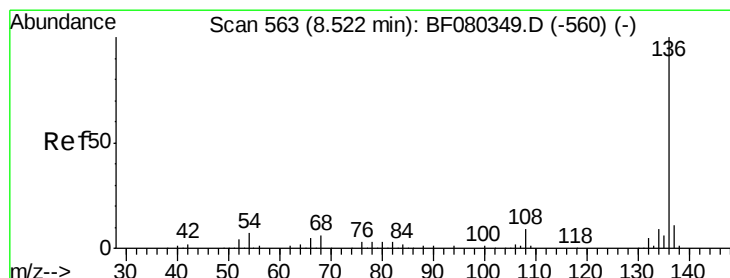
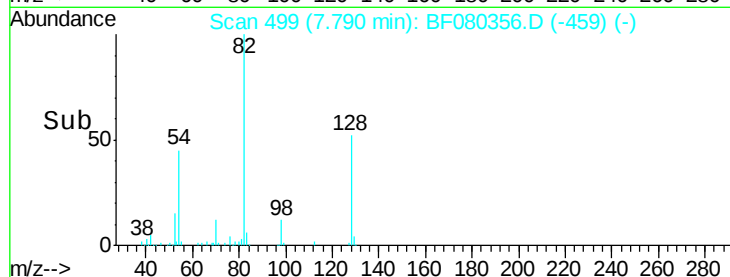
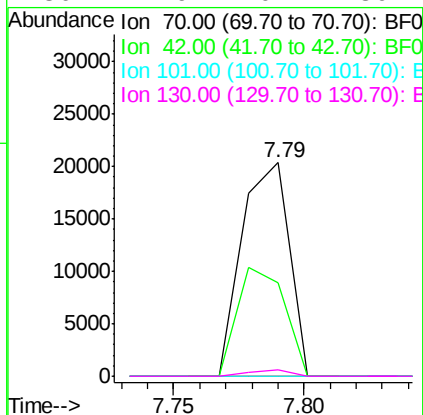
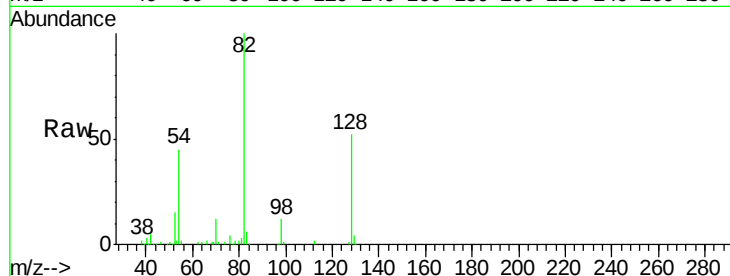




#19
n-Nitroso-di-n-propylamine
Concen: 15.96 ng
RT: 7.79 min Scan# 499
Delta R.T. 0.16 min
Lab File: BF080356.D
Acq: 6 Jul 2015 20:52

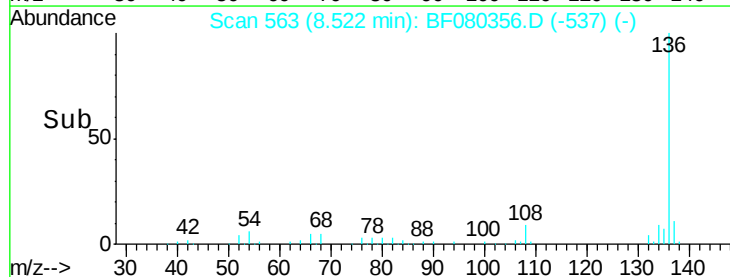
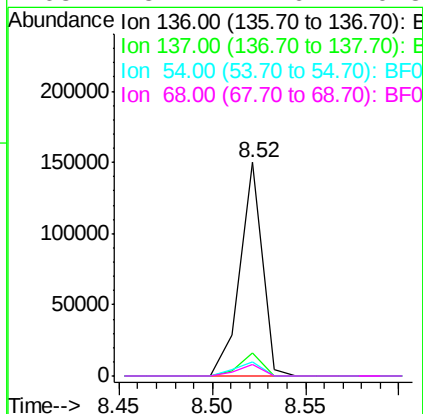
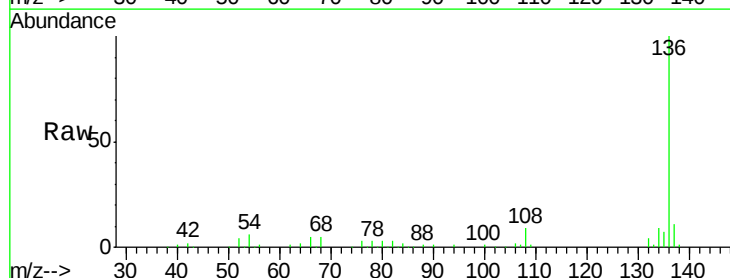
Instrument :
BNA_F
ClientSampleId :
DCW-WW-152-7215

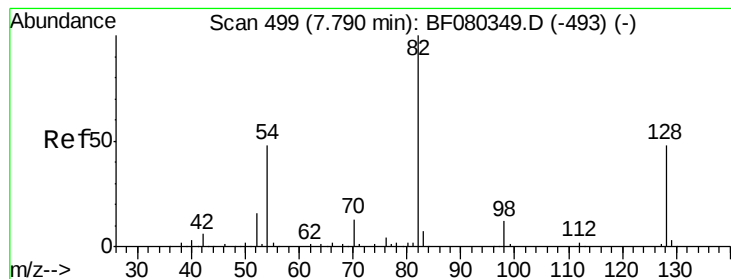
Tgt Ion:	70	Resp:	25978
Ion	Ratio	Lower	Upper
70	100		
42	43.9	43.0	64.6
101	0.0	8.3	12.5#
130	2.9	20.2	30.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.52 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF080356.D
Acq: 6 Jul 2015 20:52

Tgt Ion:	136	Resp:	125625
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.5	5.8	8.8
68	5.1	4.6	6.8





#23

Nitrobenzene-d5

Concen: 97.35 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF080356.D

Acq: 6 Jul 2015 20:52

Instrument :

BNA_F

ClientSampleId :

DCW-WW-152-7215

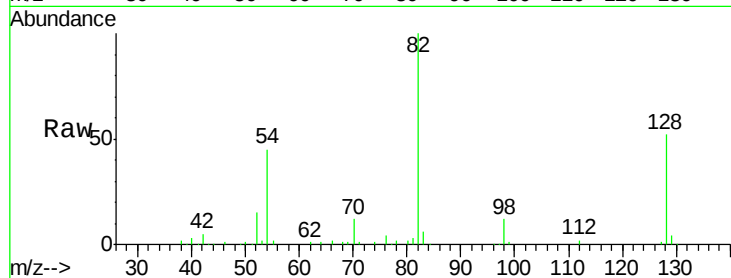
Tgt Ion: 82 Resp: 209670

Ion Ratio Lower Upper

82 100

128 51.9 38.4 57.6

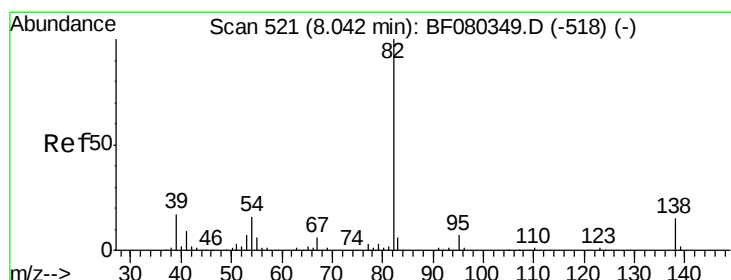
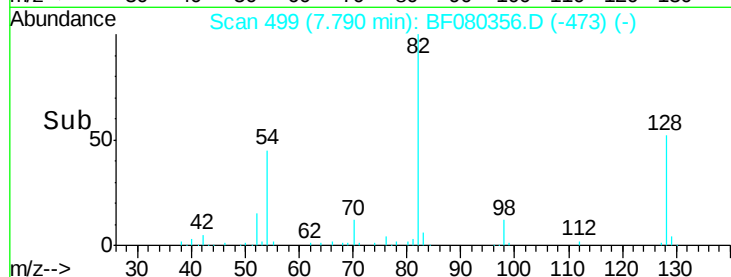
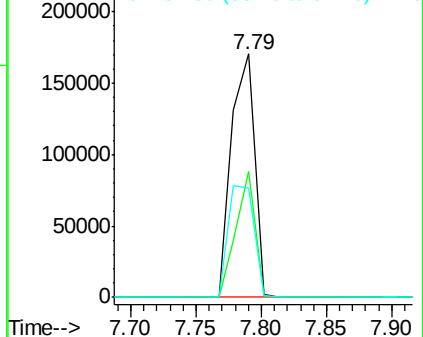
54 44.7 38.2 57.2



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: 50.47 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.25 min

Lab File: BF080356.D

Acq: 6 Jul 2015 20:52

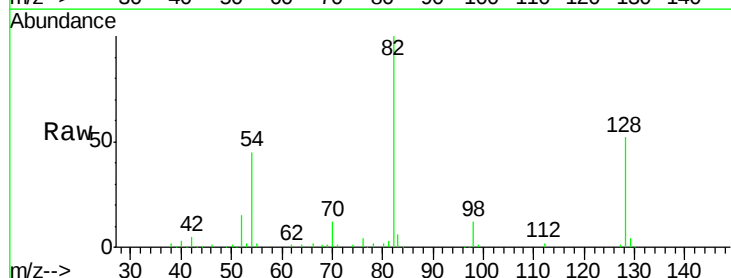
Tgt Ion: 82 Resp: 209245

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

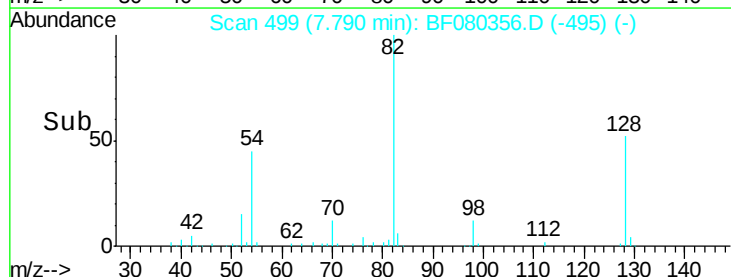
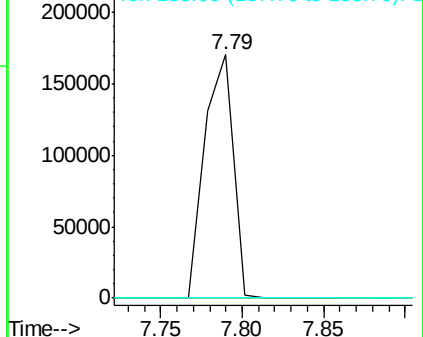
138 0.0 12.0 18.0#

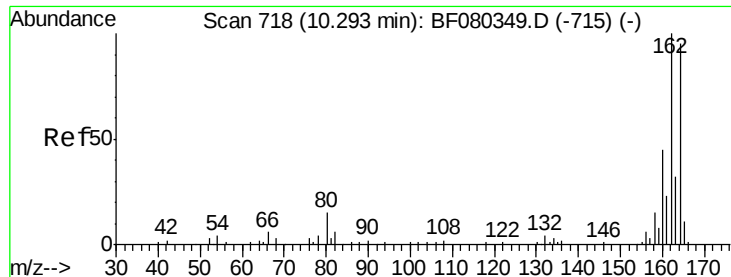


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

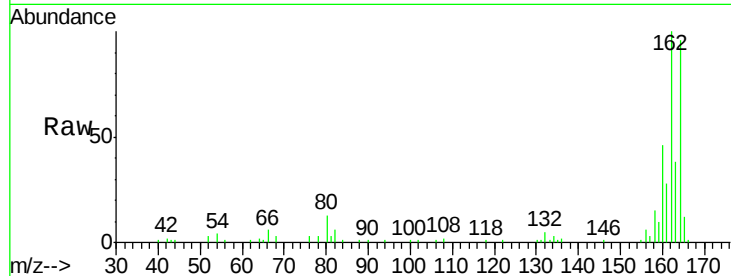




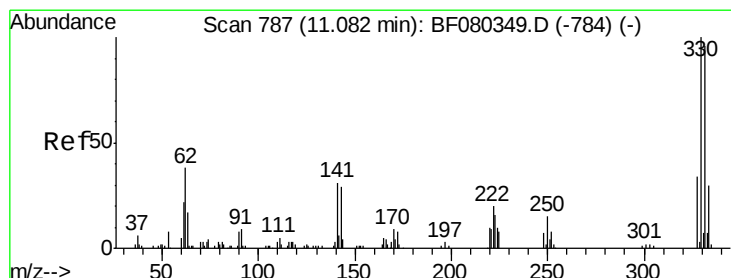
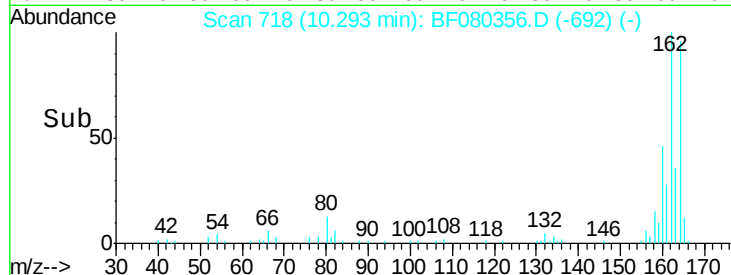
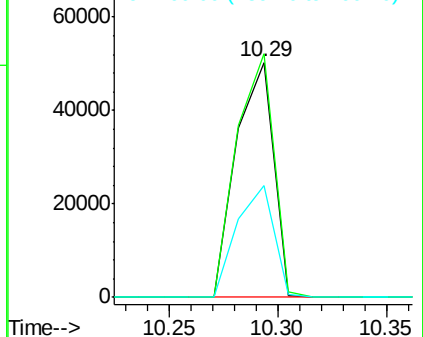
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.29 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: BF080356.D
 Acq: 6 Jul 2015 20:52

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-152-7215

Tgt Ion:164 Resp: 59724
 Ion Ratio Lower Upper
 164 100
 162 103.7 84.5 126.7
 160 47.6 37.7 56.5

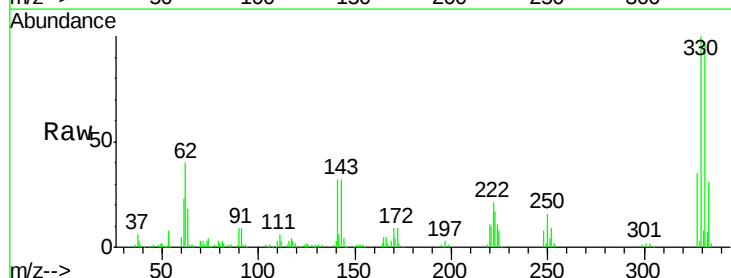


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

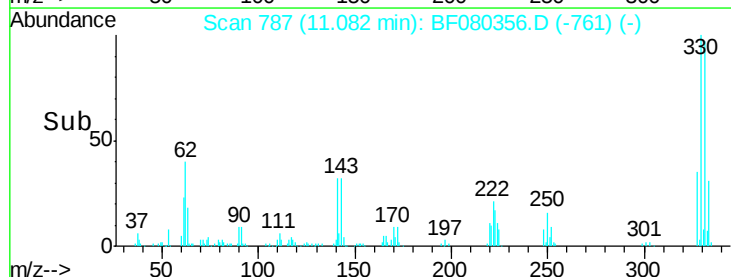
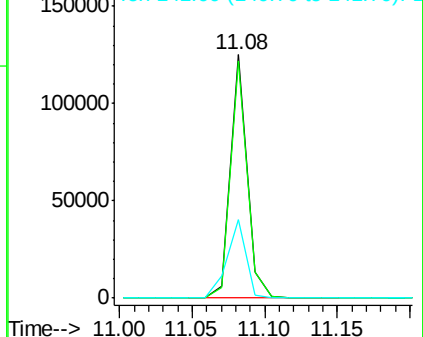


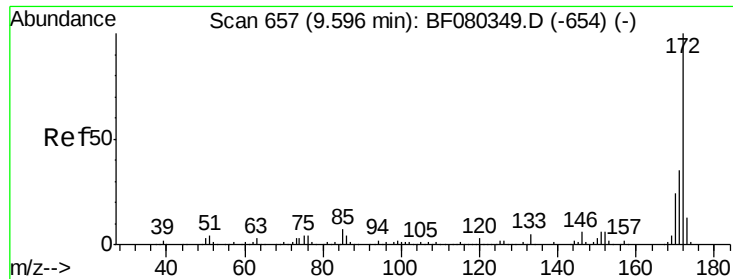
#41
 2,4,6-Tribromophenol
 Concen: 160.10 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF080356.D
 Acq: 6 Jul 2015 20:52

Tgt Ion:330 Resp: 100049
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.4
 141 36.1 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

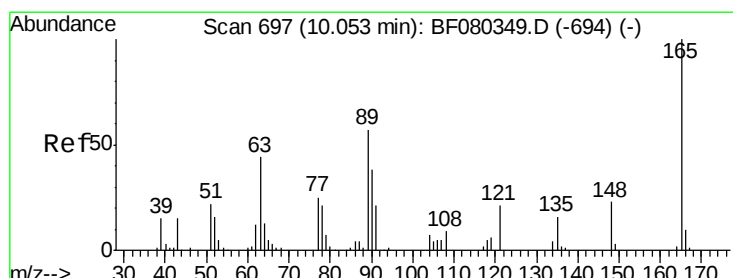
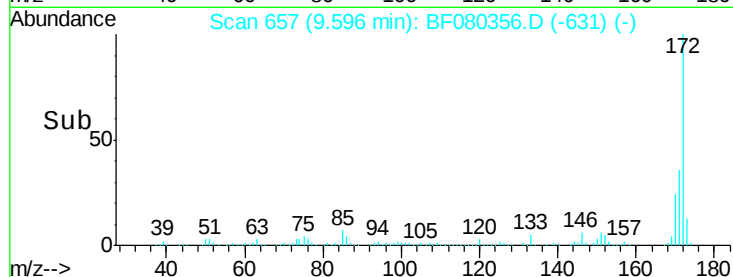
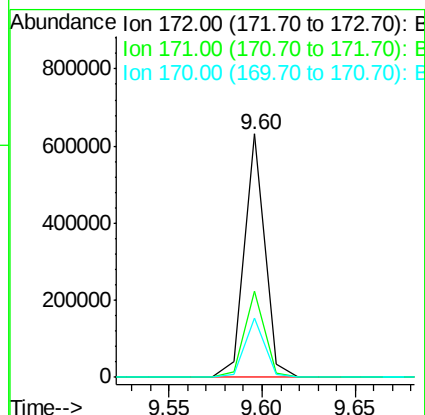
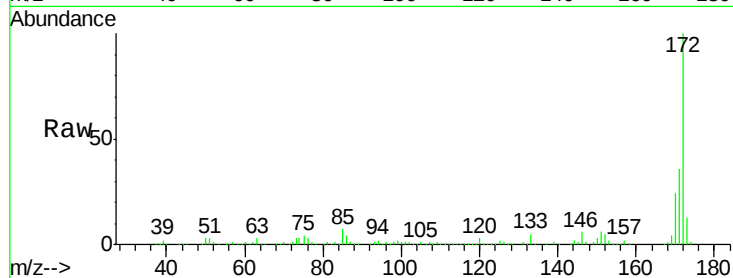




#44
 2-Fluorobiphenyl
 Concen: 109.57 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF080356.D
 Acq: 6 Jul 2015 20:52

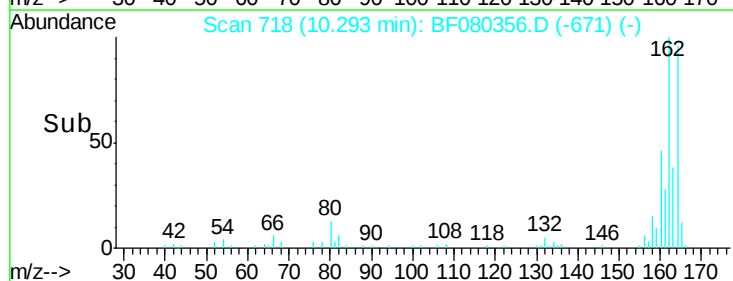
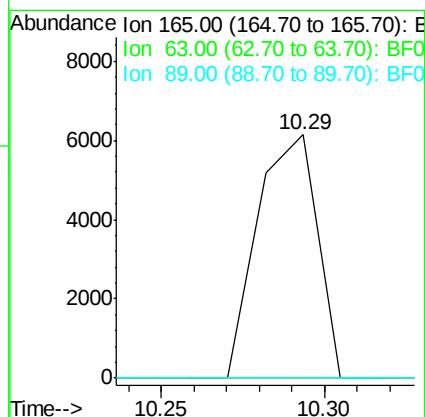
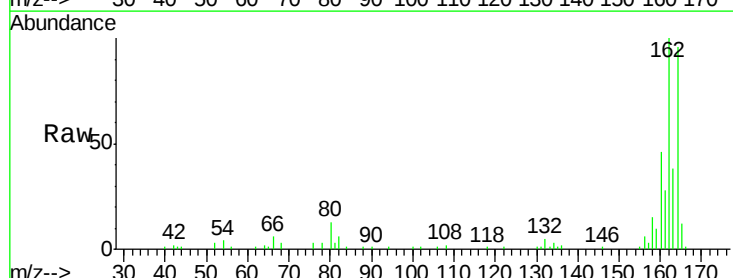
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 DCW-WW-152-7215

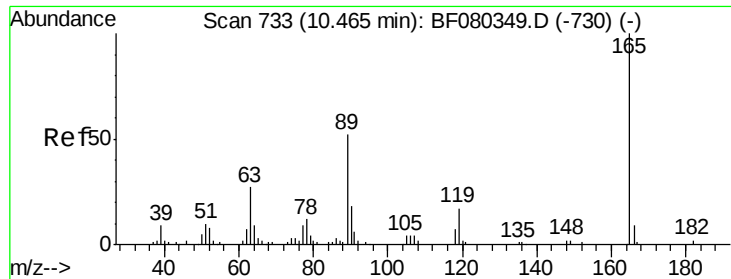
Tgt Ion:172 Resp: 484917
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.3 42.5
 170 24.3 19.1 28.7



#50
 2,6-Dinitrotoluene
 Concen: 7.74 ng
 RT: 10.29 min Scan# 718
 Delta R.T. 0.24 min
 Lab File: BF080356.D
 Acq: 6 Jul 2015 20:52

Tgt Ion:165 Resp: 7763
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.8 67.2#
 89 0.0 45.9 68.9#

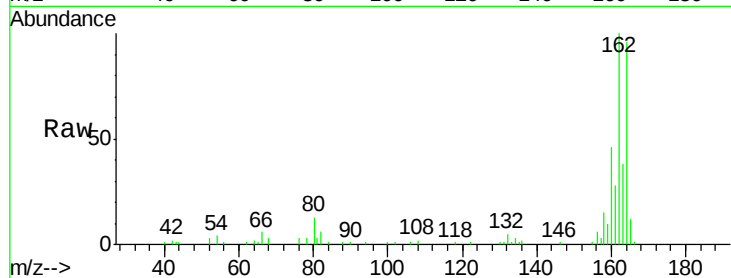




#56
 2,4-Dinitrotoluene
 Concen: 6.02 ng
 RT: 10.29 min Scan# 718
 Delta R.T. -0.17 min
 Lab File: BF080356.D
 Acq: 6 Jul 2015 20:52

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-152-7215

Tgt Ion:	165	Resp:	7764
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#

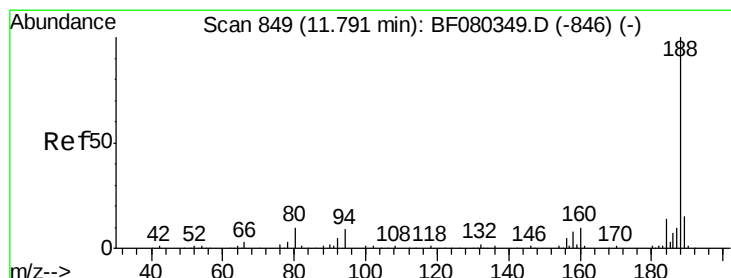
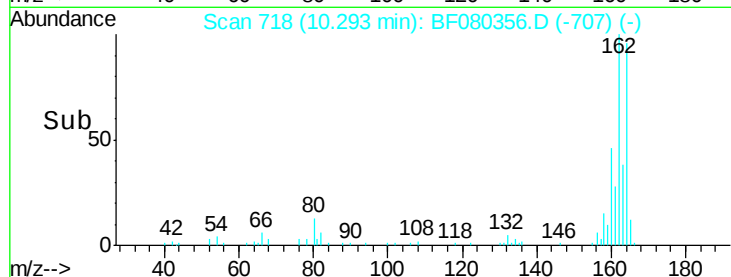
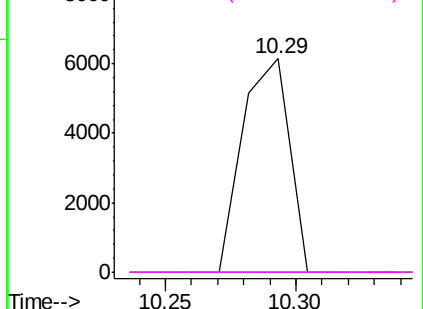


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

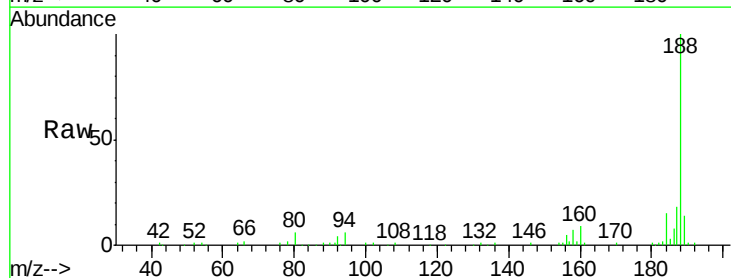
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.80 min Scan# 850
 Delta R.T. 0.01 min
 Lab File: BF080356.D
 Acq: 6 Jul 2015 20:52

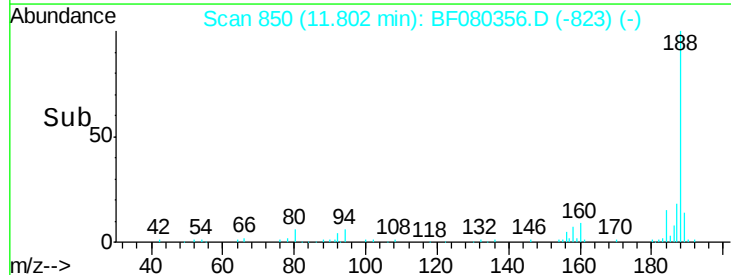
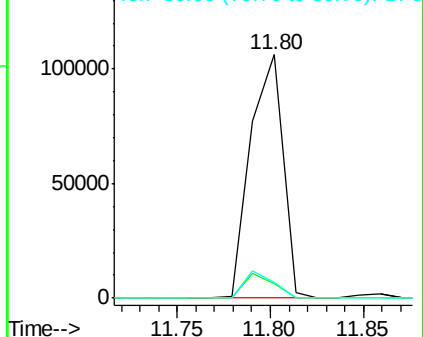
Tgt Ion:	188	Resp:	128189
Ion	Ratio	Lower	Upper
188	100		
94	6.2	7.5	11.3#
80	6.3	8.3	12.5#

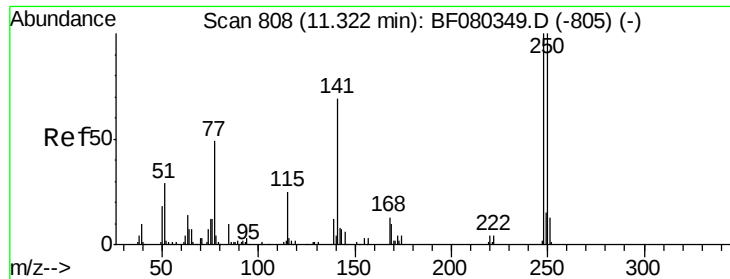


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

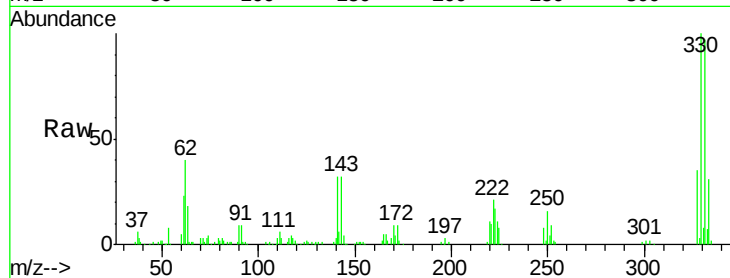




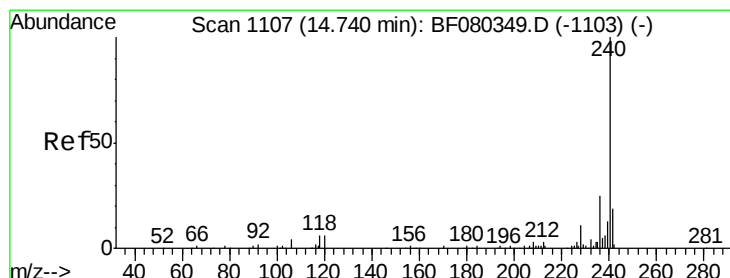
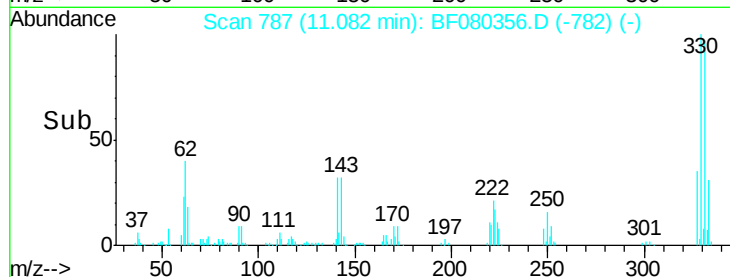
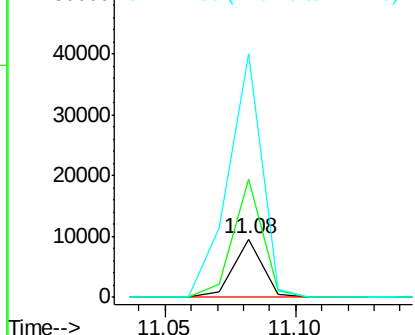
#66
 4-Bromophenyl-phenylether
 Concen: 5.10 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.24 min
 Lab File: BF080356.D
 Acq: 6 Jul 2015 20:52

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-152-7215

Tgt Ion:248 Resp: 7494
 Ion Ratio Lower Upper
 248 100
 250 203.8 80.0 120.0#
 141 418.1 54.8 82.2#

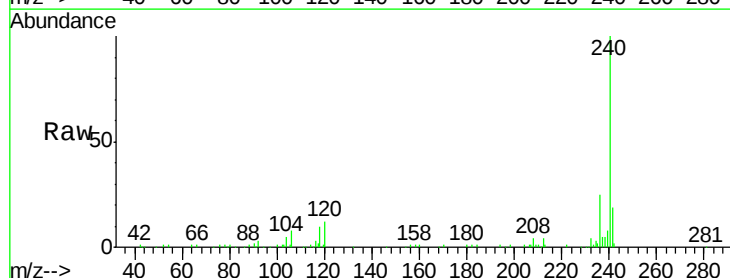


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

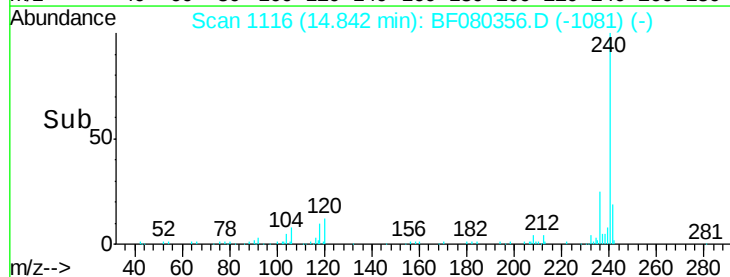
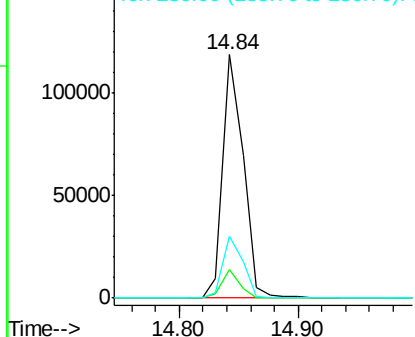


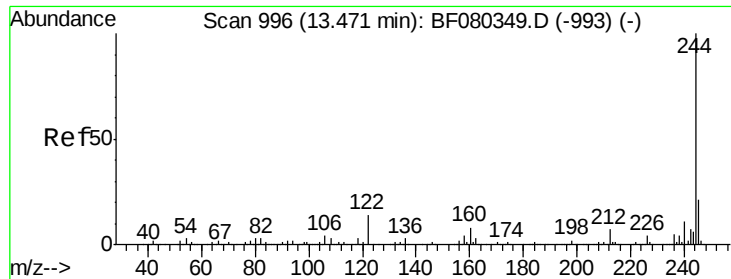
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.84 min Scan# 1116
 Delta R.T. 0.10 min
 Lab File: BF080356.D
 Acq: 6 Jul 2015 20:52

Tgt Ion:240 Resp: 141100
 Ion Ratio Lower Upper
 240 100
 120 11.8 5.1 7.7#
 236 25.4 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

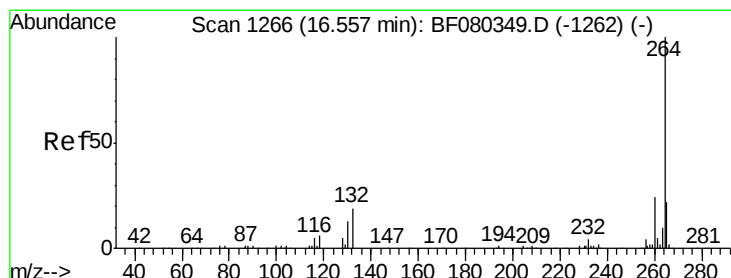
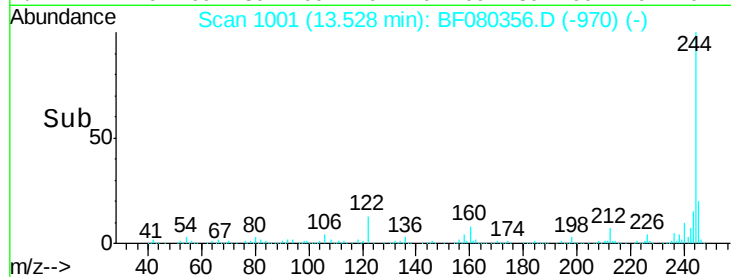
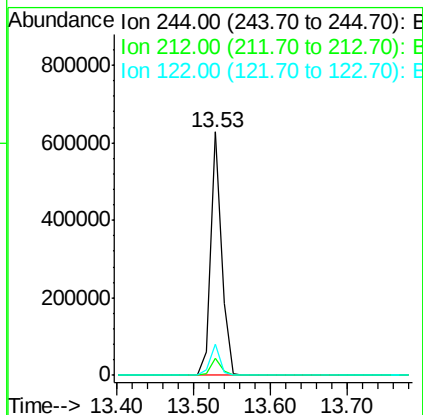
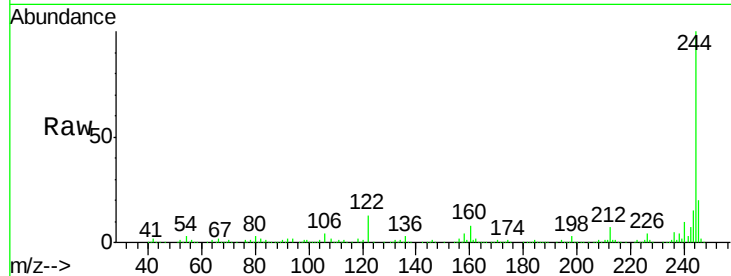




#78
 Terphenyl-d14
 Concen: 100.56 ng
 RT: 13.53 min Scan# 1001
 Delta R.T. 0.06 min
 Lab File: BF080356.D
 Acq: 6 Jul 2015 20:52

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-152-7215

Tgt Ion:244 Resp: 608310
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 12.8 11.1 16.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.75 min Scan# 1283
 Delta R.T. 0.19 min
 Lab File: BF080356.D
 Acq: 6 Jul 2015 20:52

Tgt Ion:264 Resp: 129558
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 21.1 17.6 26.4

