

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020616\
 Data File : BF084916.D
 Acq On : 6 Feb 2016 17:16
 Operator : SJ/IZ
 Sample : H1338-02
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Feb 08 01:24:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

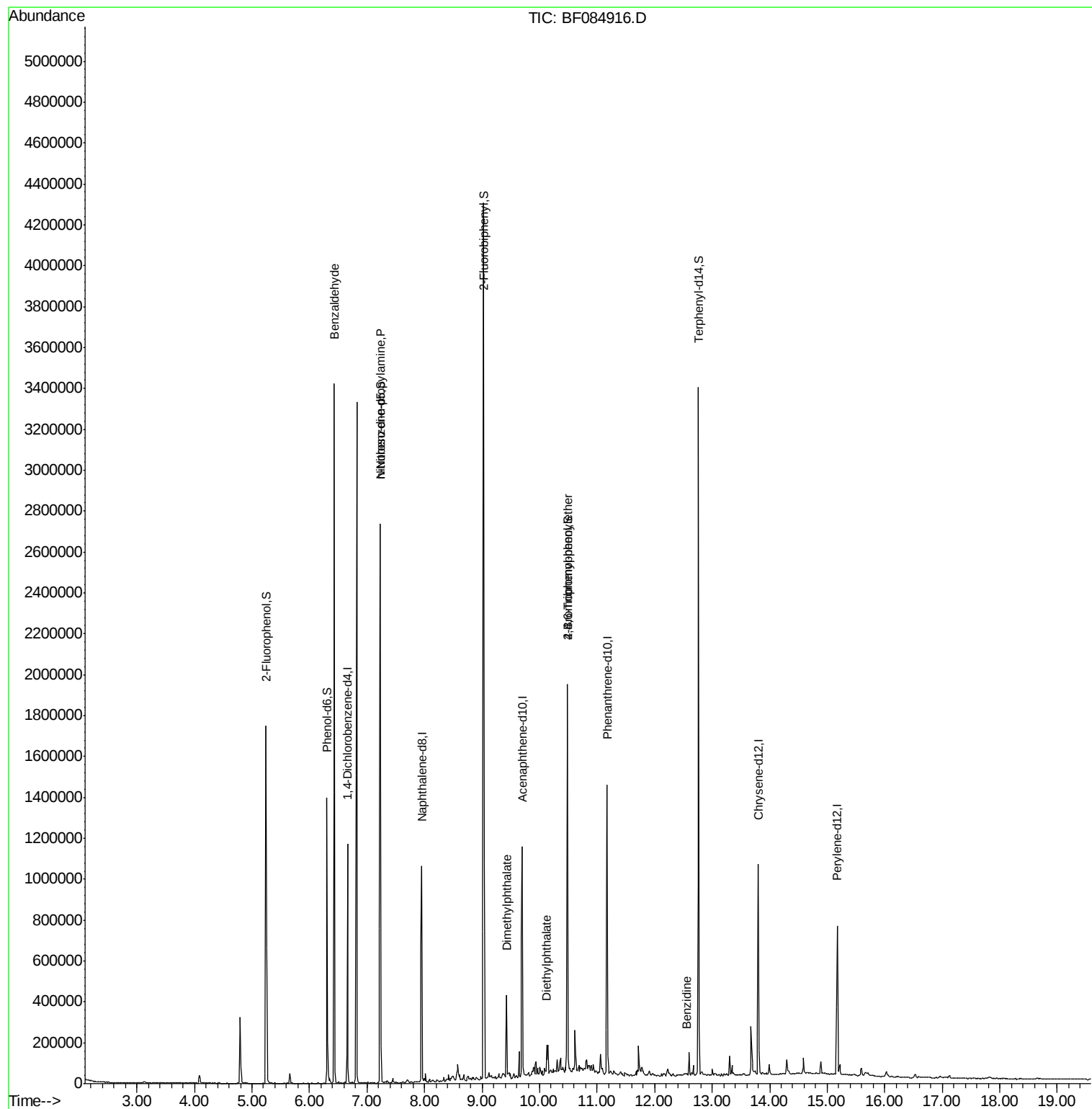
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	155969	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	597028	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	270678	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	467862	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	332309	20.00	ng	-0.03
86) Perylene-d12	15.17	264	314047	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	509038	50.84	ng	-0.03
7) Phenol-d6	6.30	99	409277	32.97	ng	-0.03
23) Nitrobenzene-d5	7.23	82	852251	80.41	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	327949	116.15	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1381365	86.42	ng	-0.03
78) Terphenyl-d14	12.76	244	1000579	68.23	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.43	77	22751	3.10	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.23	70	117482	15.10	ng	# 70
49) Dimethylphthalate	9.42	163	140564	6.82	ng	# 90
59) Diethylphthalate	10.12	149	42498	2.11	ng	98
66) 4-Bromophenyl-phenylether	10.49	248	20505	3.97	ng	# 1
76) Benzidine	12.56	184	801	6.94	ng	# 8

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084916.D

Acq: 6 Feb 2016 17:16

Instrument :

BNA_F

ClientSampleId :

MW-2

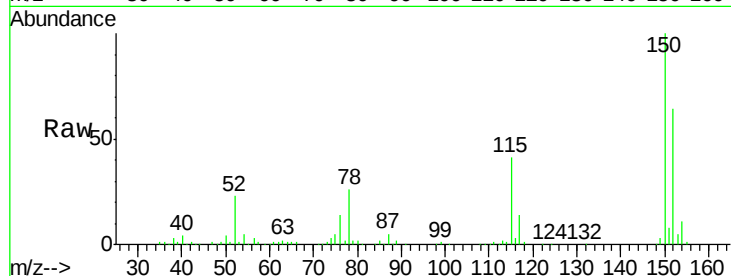
Tgt Ion:152 Resp: 155969

Ion Ratio Lower Upper

152 100

150 157.1 123.0 184.4

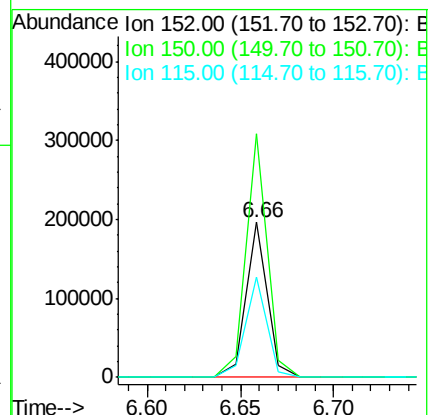
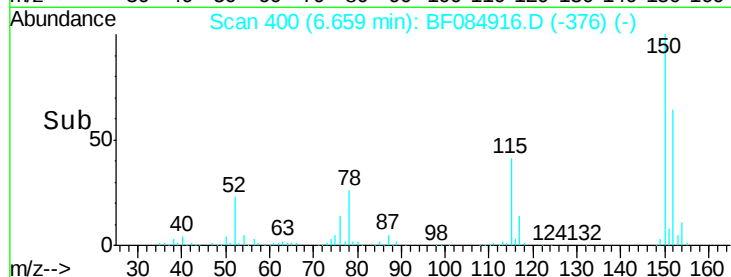
115 64.8 51.4 77.2



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: 50.84 ng

RT: 5.24 min Scan# 276

Delta R.T. -0.03 min

Lab File: BF084916.D

Acq: 6 Feb 2016 17:16

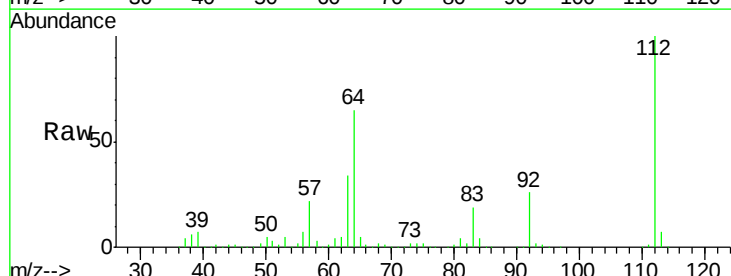
Tgt Ion:112 Resp: 509038

Ion Ratio Lower Upper

112 100

64 65.3 36.6 55.0#

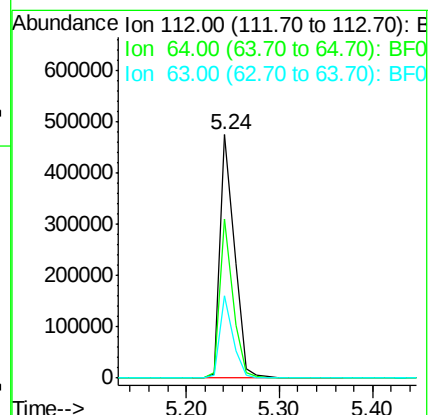
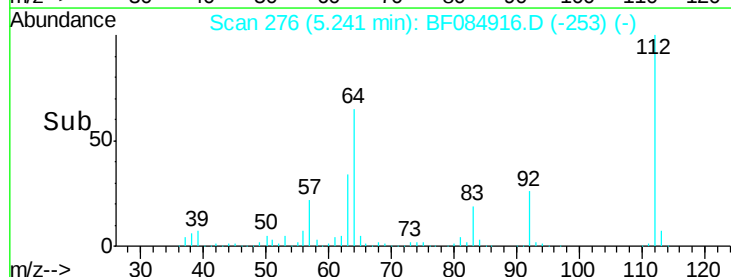
63 34.0 19.4 29.0#

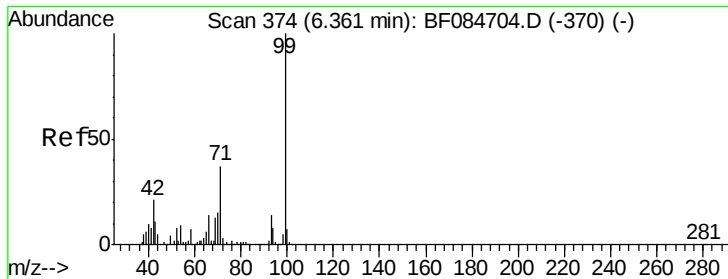


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.97 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.03 min

Lab File: BF084916.D

Acq: 6 Feb 2016 17:16

Instrument :

BNA_F

ClientSampleId :

MW-2

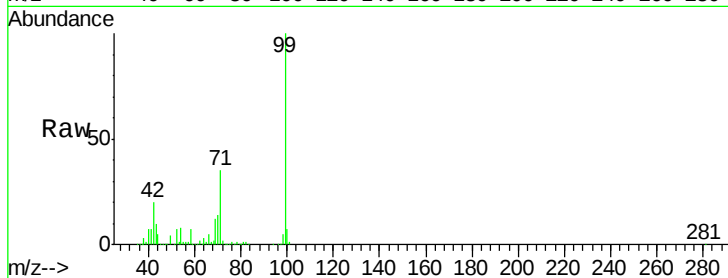
Tgt Ion: 99 Resp: 409277

Ion Ratio Lower Upper

99 100

42 19.5 12.8 19.2#

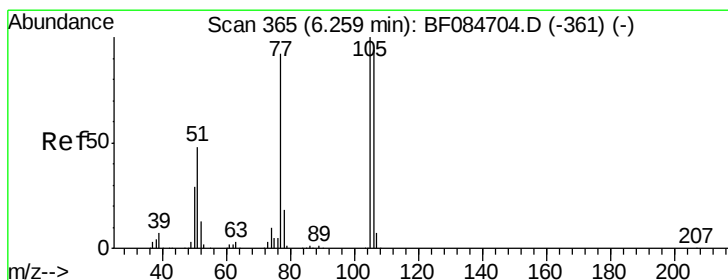
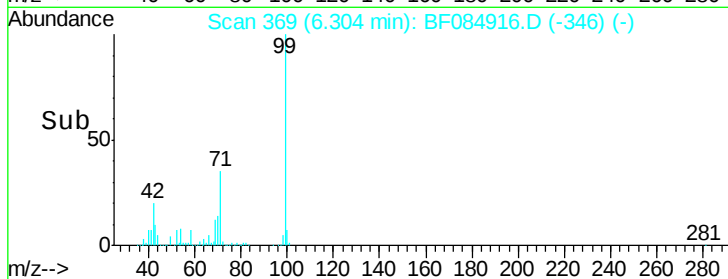
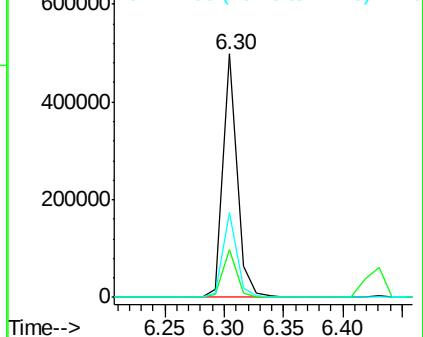
71 34.9 30.9 46.3



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: 3.10 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.19 min

Lab File: BF084916.D

Acq: 6 Feb 2016 17:16

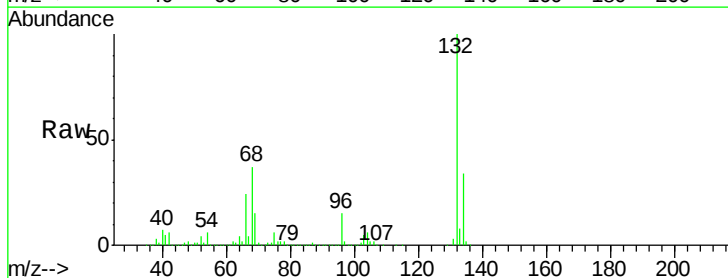
Tgt Ion: 77 Resp: 22751

Ion Ratio Lower Upper

77 100

105 85.0 83.0 123.0

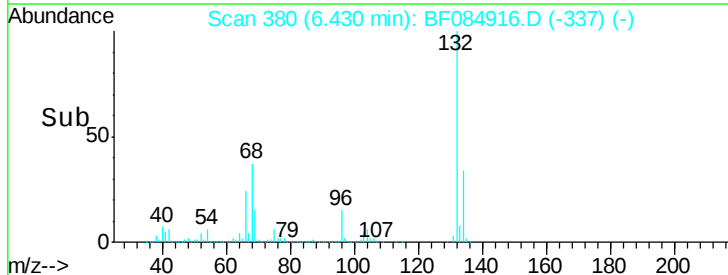
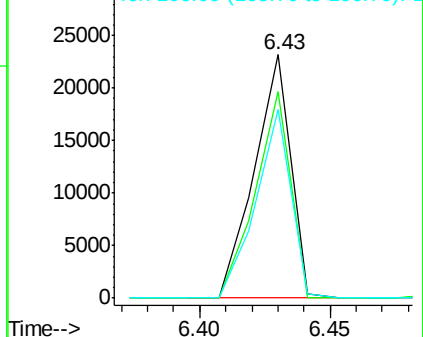
106 77.7 74.6 114.6



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

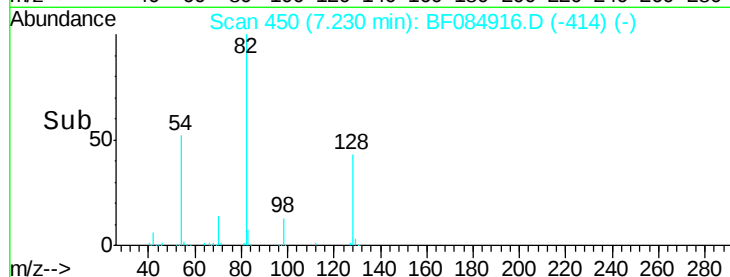
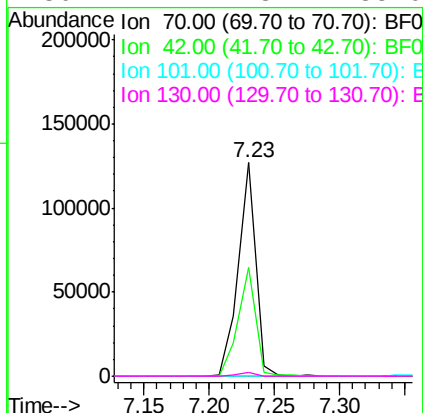
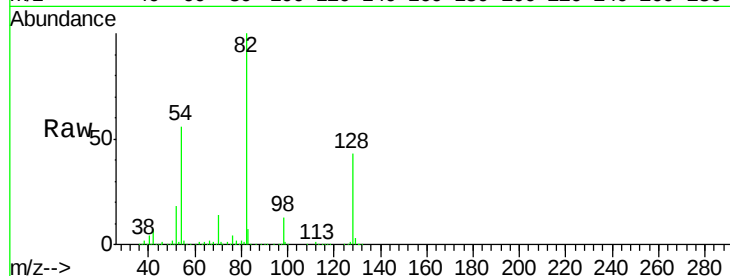




#19
n-Nitroso-di-n-propylamine
Concen: 15.10 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.11 min
Lab File: BF084916.D
Acq: 6 Feb 2016 17:16

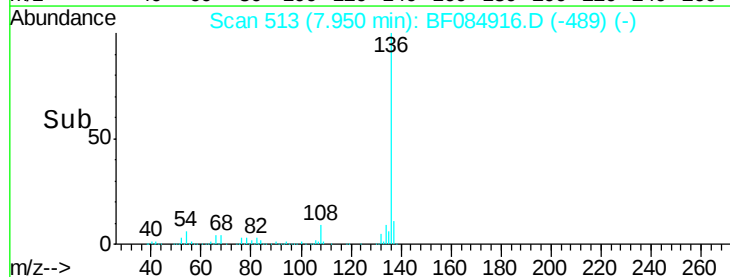
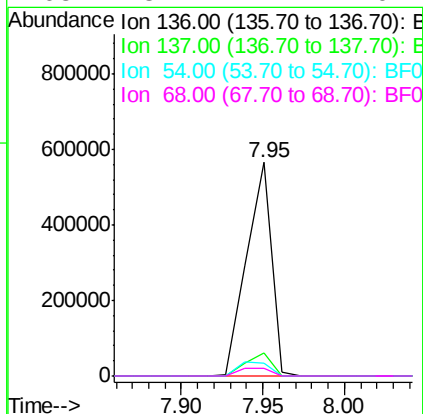
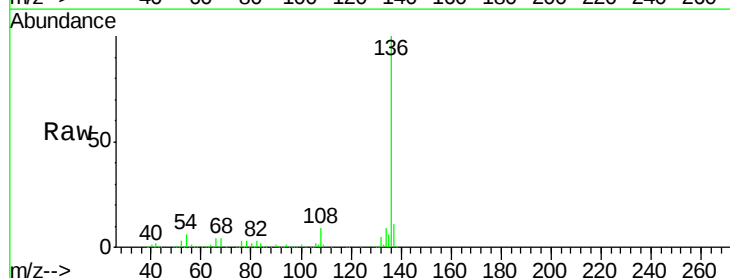
Instrument :
BNA_F
ClientSampleId :
MW-2

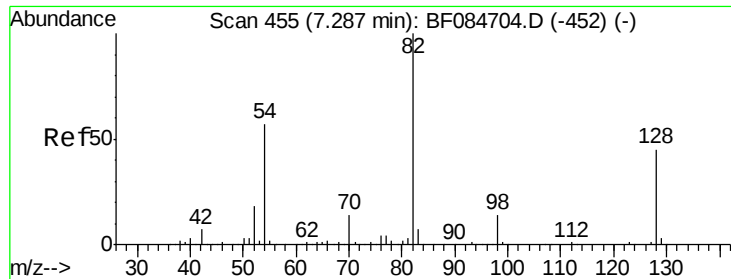
Tgt Ion: 70 Resp: 117482
Ion Ratio Lower Upper
70 100
42 51.1 33.3 49.9#
101 0.0 9.3 13.9#
130 2.1 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084916.D
Acq: 6 Feb 2016 17:16

Tgt Ion: 136 Resp: 597028
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 6.0 5.8 8.8
68 3.7 4.2 6.2#

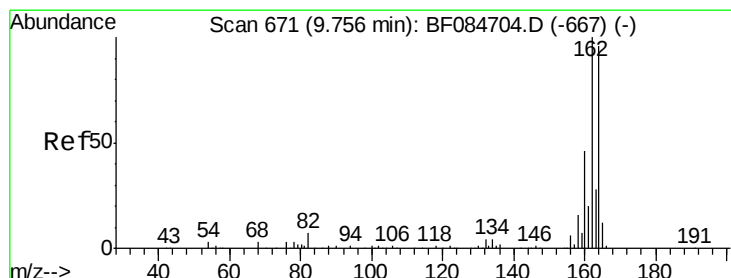
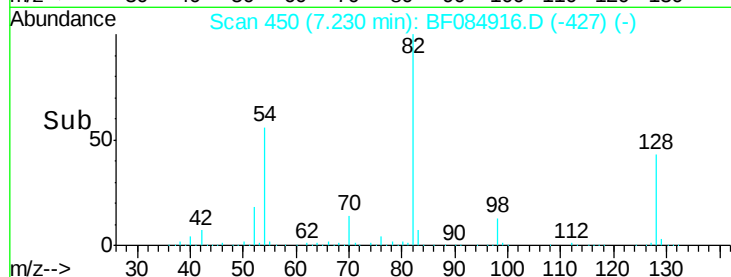
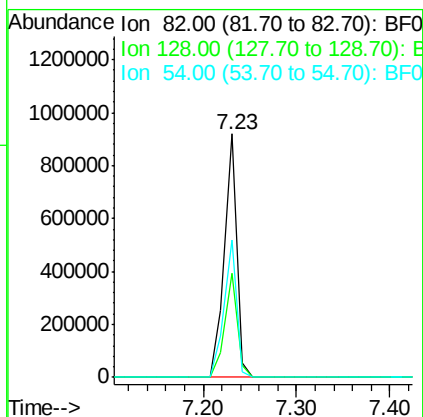
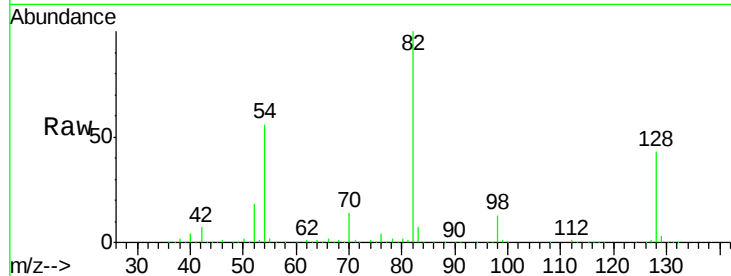




#23
 Nitrobenzene-d5
 Concen: 80.41 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.03 min
 Lab File: BF084916.D
 Acq: 6 Feb 2016 17:16

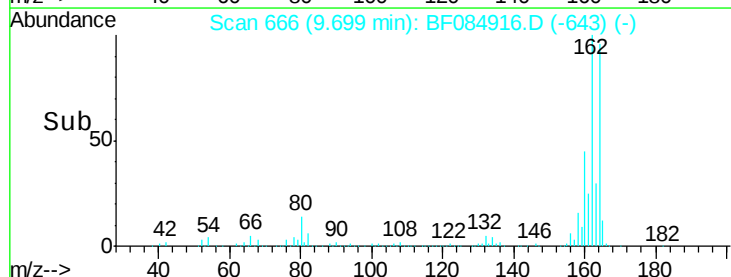
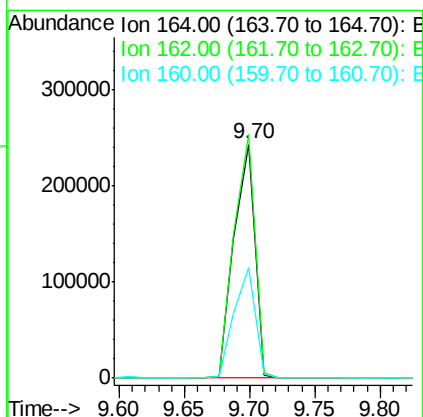
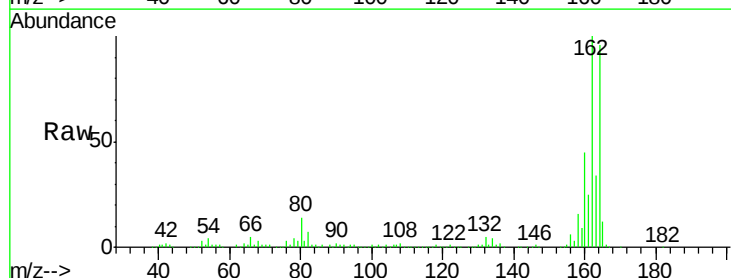
Instrument :
 BNA_F
 ClientSampleId :
 MW-2

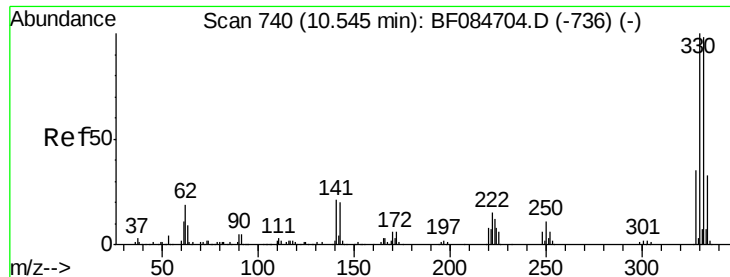
Tgt Ion: 82 Resp: 852251
 Ion Ratio Lower Upper
 82 100
 128 42.6 34.6 51.8
 54 56.4 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF084916.D
 Acq: 6 Feb 2016 17:16

Tgt Ion: 164 Resp: 270678
 Ion Ratio Lower Upper
 164 100
 162 104.2 85.1 127.7
 160 47.3 37.5 56.3

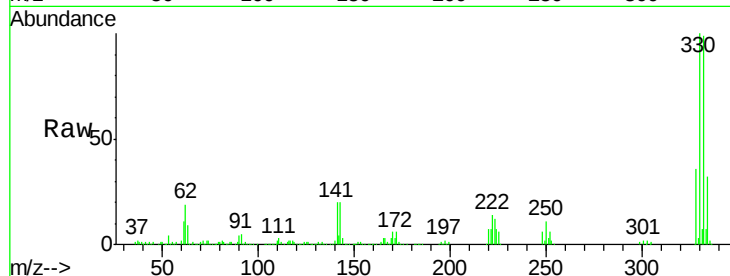




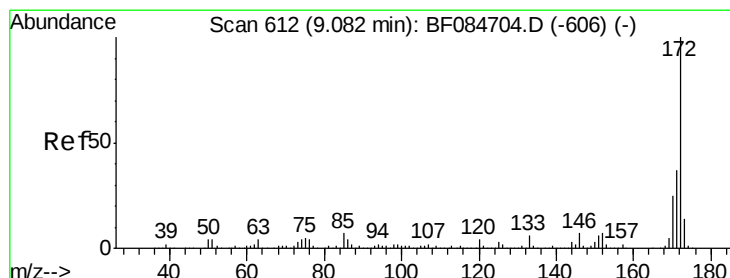
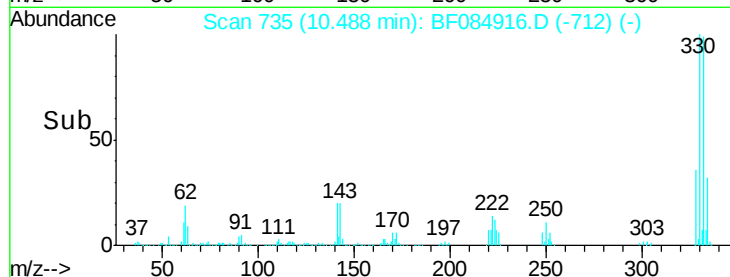
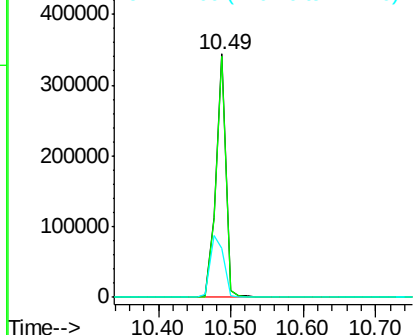
#41
 2,4,6-Tribromophenol
 Concen: 116.15 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084916.D
 Acq: 6 Feb 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion:330 Resp: 327949
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.6 114.8
 141 34.7 27.8 41.6

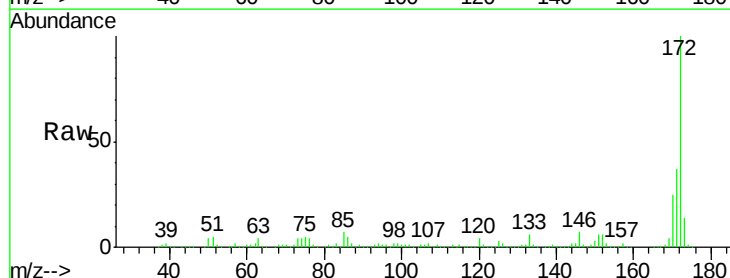


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

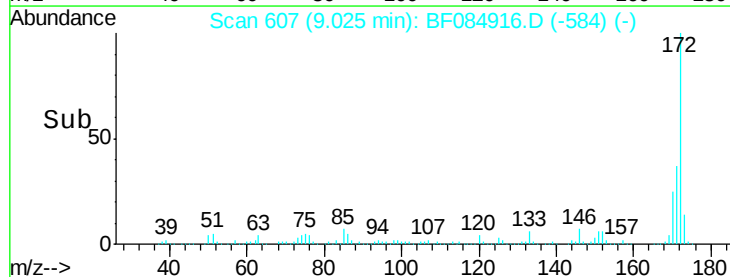
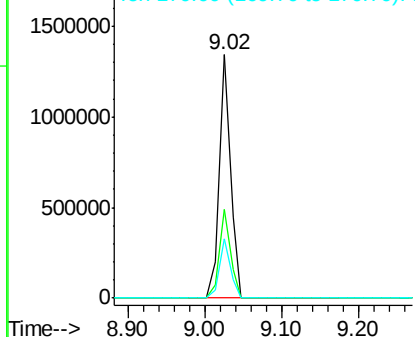


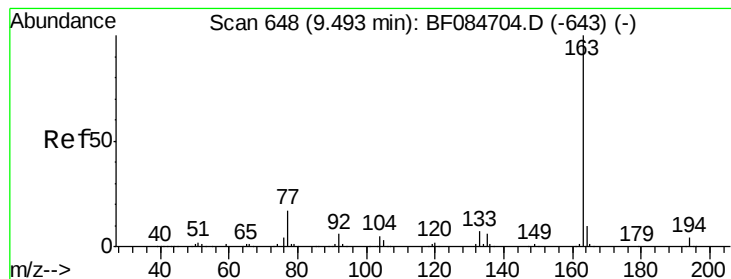
#44
 2-Fluorobiphenyl
 Concen: 86.42 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084916.D
 Acq: 6 Feb 2016 17:16

Tgt Ion:172 Resp: 1381365
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 24.5 18.6 27.8



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





#49

Dimethylphthalate

Concen: 6.82 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.05 min

Lab File: BF084916.D

Acq: 6 Feb 2016 17:16

Instrument :

BNA_F

ClientSampleId :

MW-2

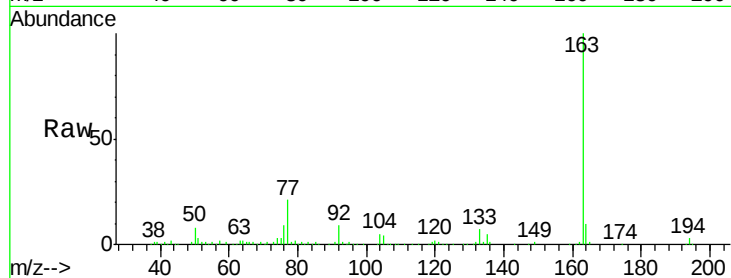
Tgt Ion:163 Resp: 140564

Ion Ratio Lower Upper

163 100

194 3.3 8.0 12.0#

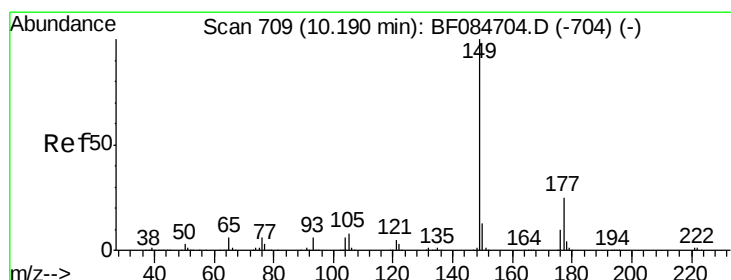
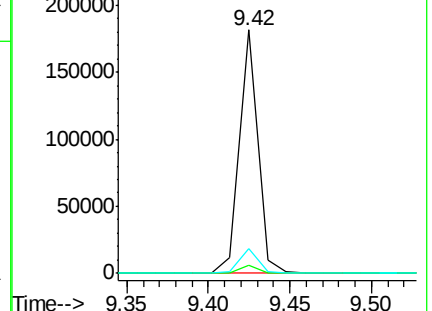
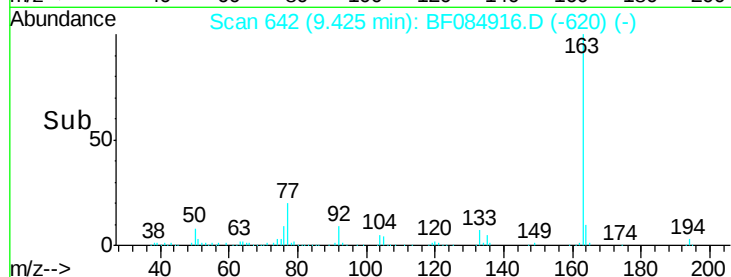
164 10.4 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#59

Diethylphthalate

Concen: 2.11 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.05 min

Lab File: BF084916.D

Acq: 6 Feb 2016 17:16

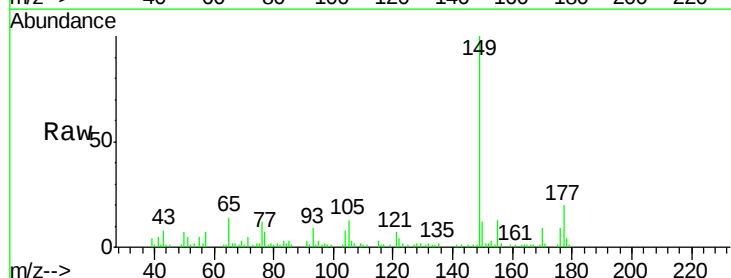
Tgt Ion:149 Resp: 42498

Ion Ratio Lower Upper

149 100

177 20.0 17.3 25.9

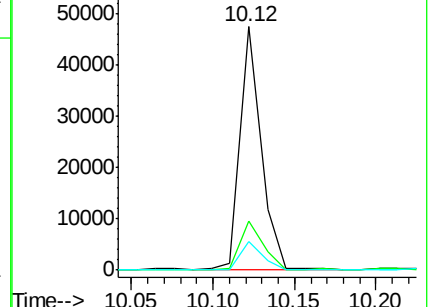
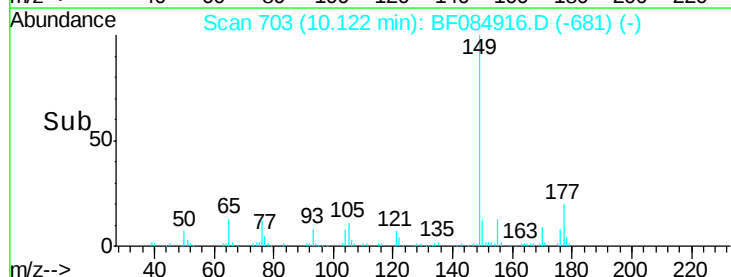
150 12.0 9.8 14.8

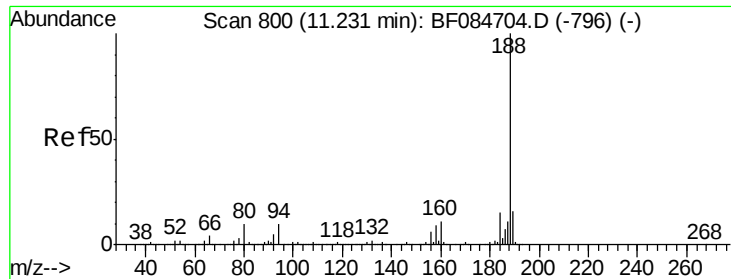


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

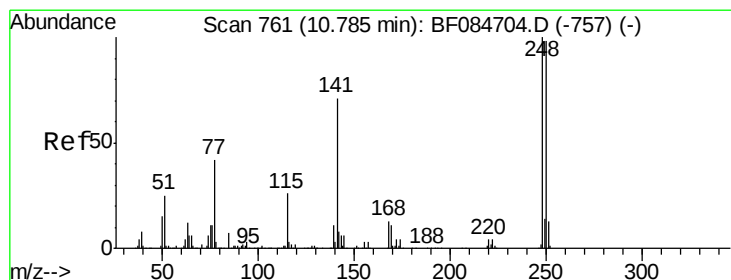
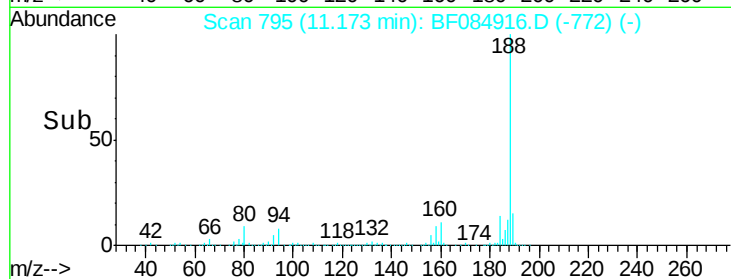
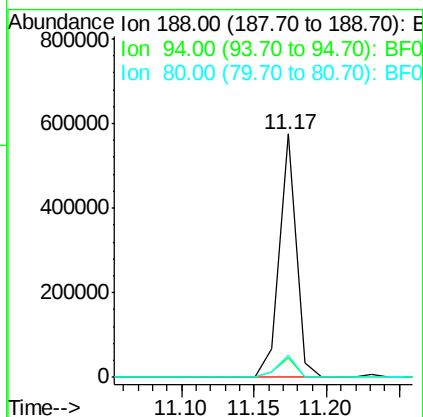
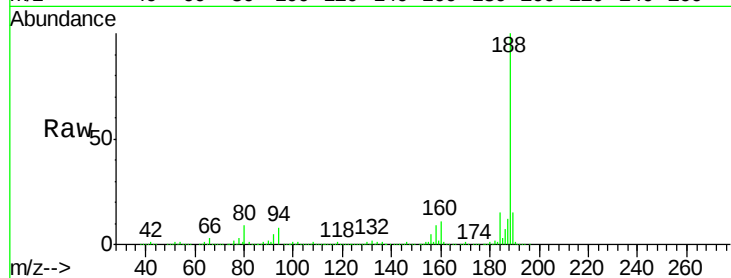




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084916.D
Acq: 6 Feb 2016 17:16

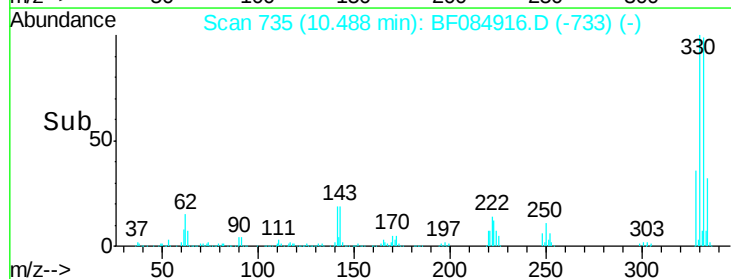
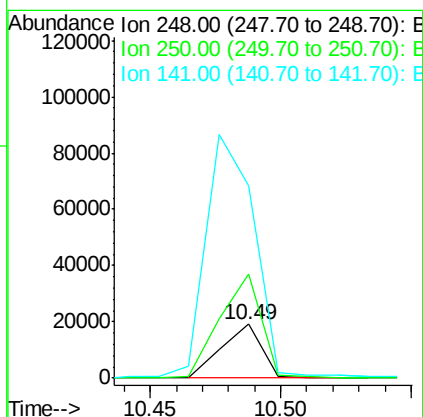
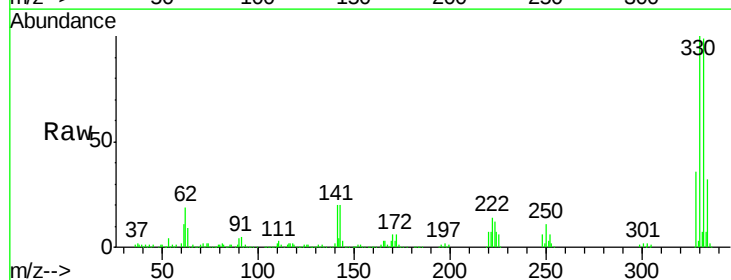
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MW-2

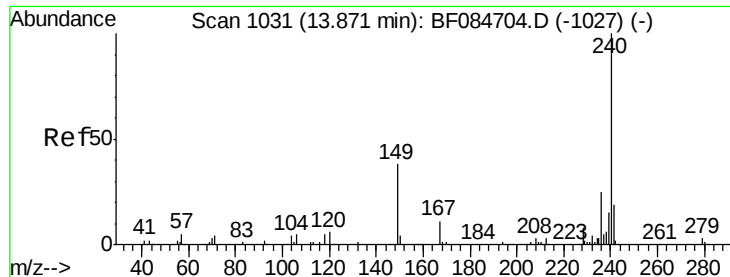
Tgt Ion:188 Resp: 467862
Ion Ratio Lower Upper
188 100
94 8.1 9.0 13.4#
80 9.1 9.6 14.4#



#66
4-Bromophenyl-phenylether
Concen: 3.97 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.27 min
Lab File: BF084916.D
Acq: 6 Feb 2016 17:16

Tgt Ion:248 Resp: 20505
Ion Ratio Lower Upper
248 100
250 193.3 78.4 117.6#
141 359.1 44.0 66.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084916.D

Acq: 6 Feb 2016 17:16

Instrument :

BNA_F

ClientSampleId :

MW-2

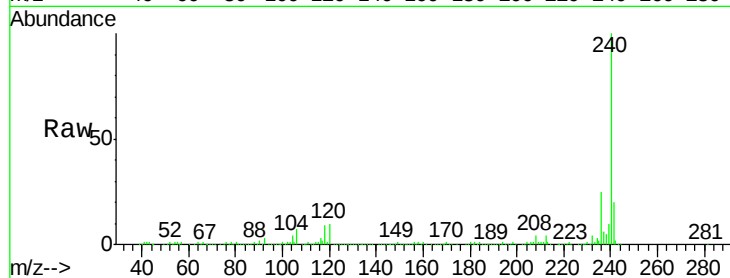
Tgt Ion:240 Resp: 332309

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

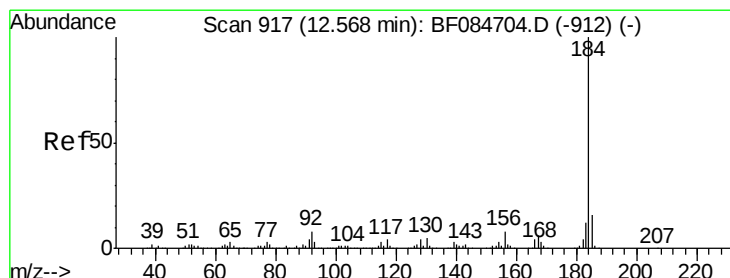
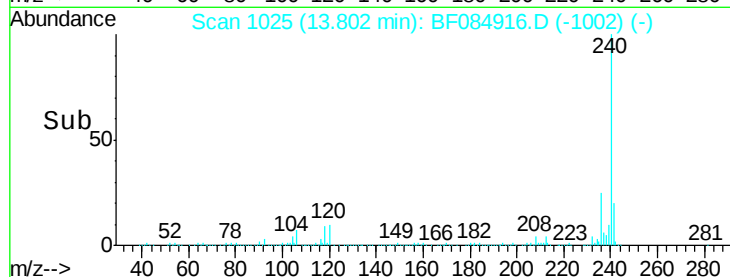
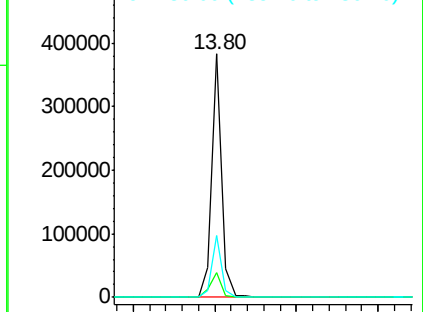
236 25.4 20.6 31.0



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



#76

Benzidine

Concen: 6.94 ng

RT: 12.56 min Scan# 916

Delta R.T. 0.01 min

Lab File: BF084916.D

Acq: 6 Feb 2016 17:16

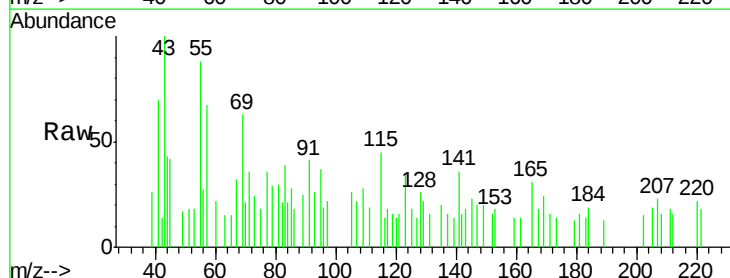
Tgt Ion:184 Resp: 801

Ion Ratio Lower Upper

184 100

185 0.0 12.2 18.2#

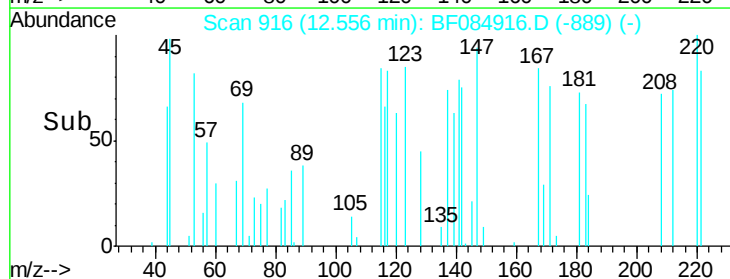
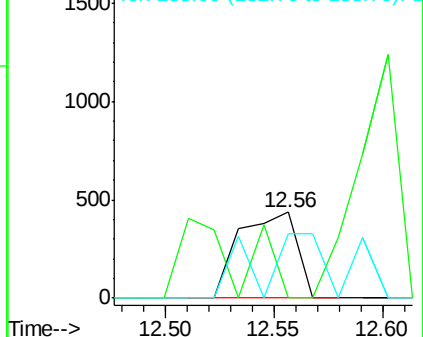
183 75.1 9.8 14.8#

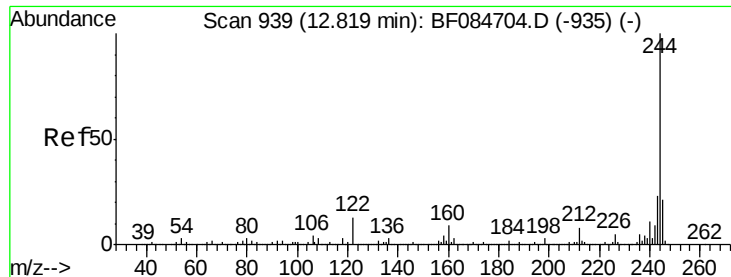


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

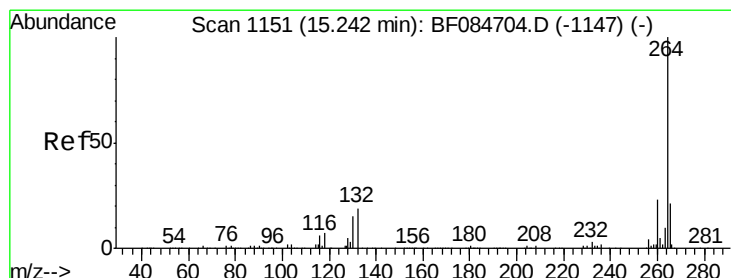
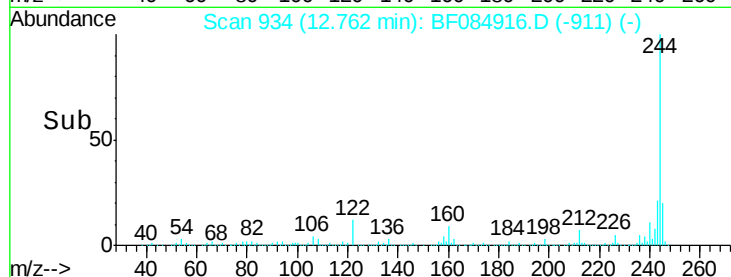
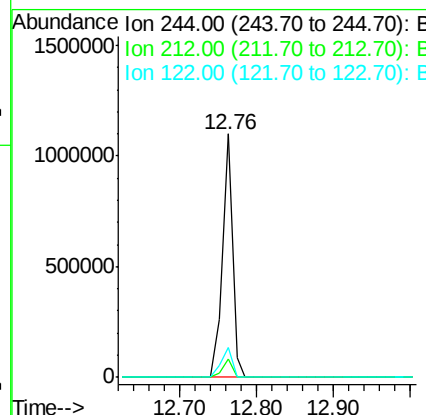
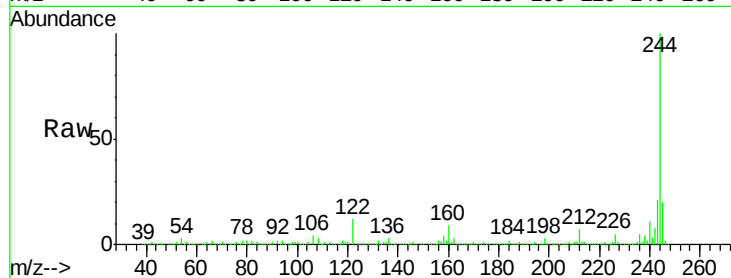




#78
 Terphenyl-d14
 Concen: 68.23 ng
 RT: 12.76 min Scan# 934
 Delta R.T. -0.03 min
 Lab File: BF084916.D
 Acq: 6 Feb 2016 17:16

Instrument :
 BNA_F
 ClientSampled :
 MW-2

Tgt Ion:244 Resp: 1000579
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 12.3 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF084916.D
 Acq: 6 Feb 2016 17:16

Tgt Ion:264 Resp: 314047
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.6 17.8 26.6

