

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020616\
 Data File : BF084917.D
 Acq On : 6 Feb 2016 17:44
 Operator : SJ/IZ
 Sample : H1338-03
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Feb 08 01:24:18 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

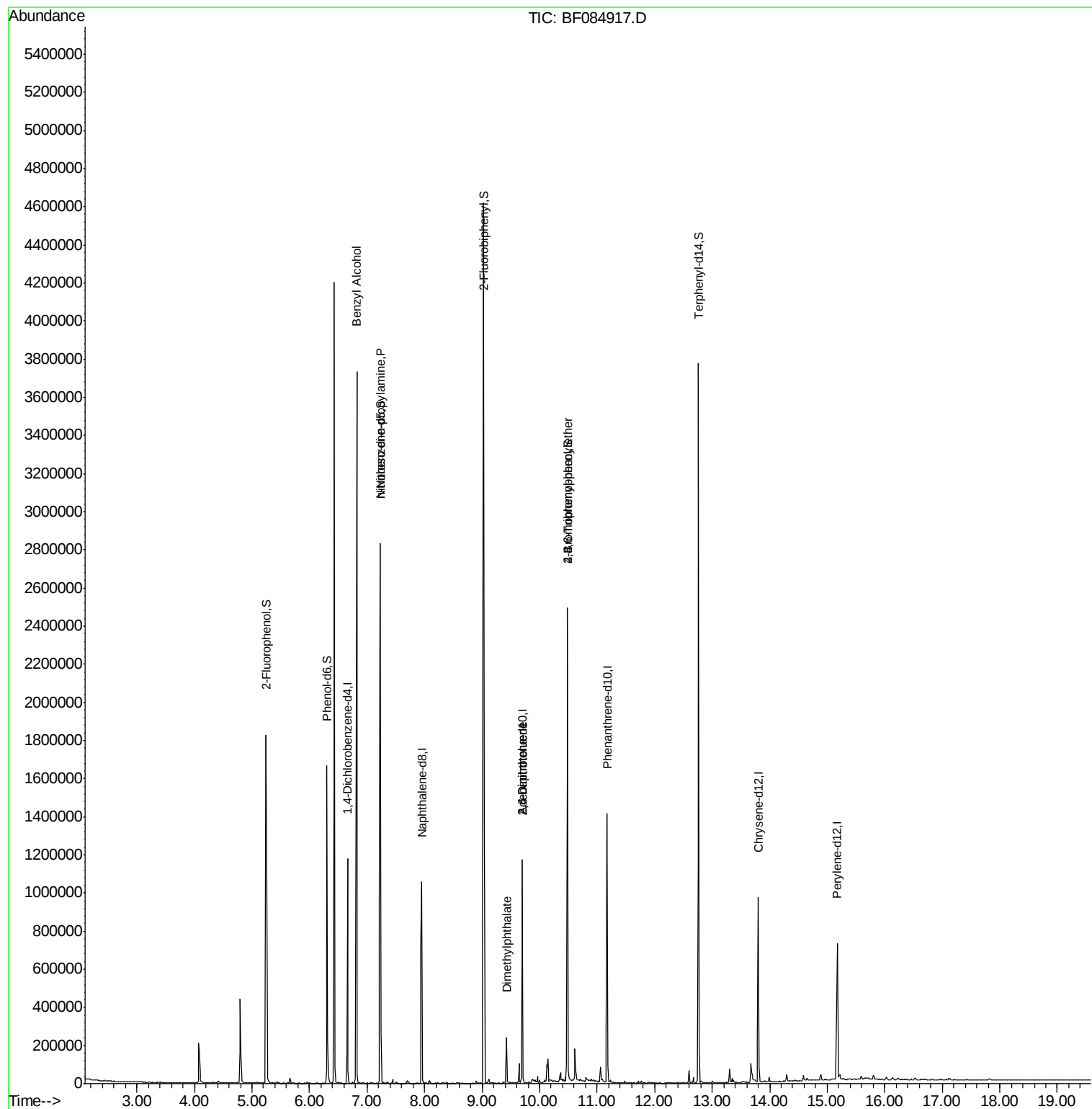
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	160463	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	624493	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	276108	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	474684	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	331548	20.00	ng	-0.03
86) Perylene-d12	15.17	264	317634	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	611872	59.39	ng	-0.03
7) Phenol-d6	6.30	99	477418	37.38	ng	-0.03
23) Nitrobenzene-d5	7.23	82	933874	84.24	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	383791	133.26	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1556471	101.56	ng	-0.03
78) Terphenyl-d14	12.76	244	1144691	78.24	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	6.82	79	17920	2.03	ng	# 36
19) n-Nitroso-di-n-propylamine	7.23	70	127390	15.91	ng	# 71
49) Dimethylphthalate	9.42	163	89238	4.24	ng	# 90
50) 2,6-Dinitrotoluene	9.70	165	35459	7.72	ng	# 37
56) 2,4-Dinitrotoluene	9.70	165	35459	6.05	ng	# 21
66) 4-Bromophenyl-phenylether	10.49	248	25165	4.80	ng	# 1

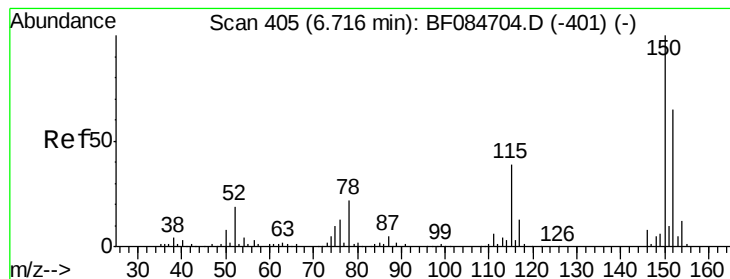
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020616\
Data File : BF084917.D
Acq On : 6 Feb 2016 17:44
Operator : SJ/IZ
Sample : H1338-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-4

Quant Time: Feb 08 01:24:18 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

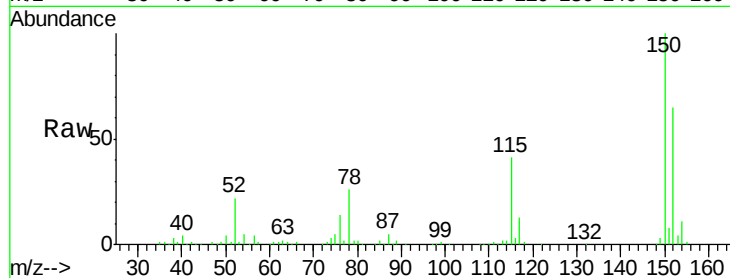




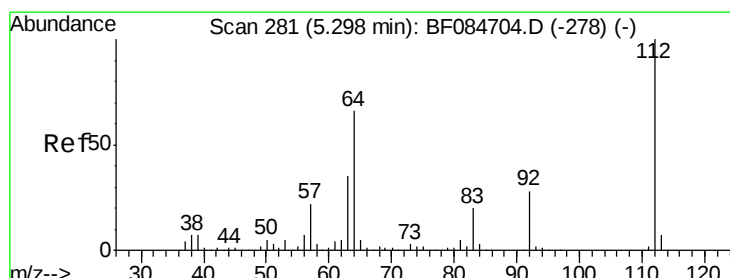
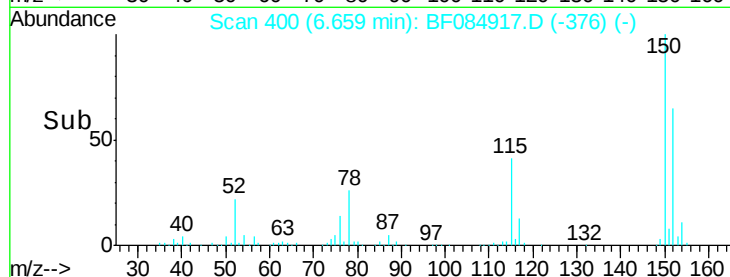
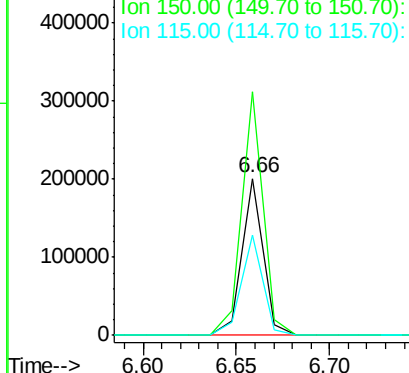
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 400
 Delta R.T. -0.02 min
 Lab File: BF084917.D
 Acq: 6 Feb 2016 17:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tgt Ion:152 Resp: 160463
 Ion Ratio Lower Upper
 152 100
 150 155.0 123.0 184.4
 115 63.8 51.4 77.2

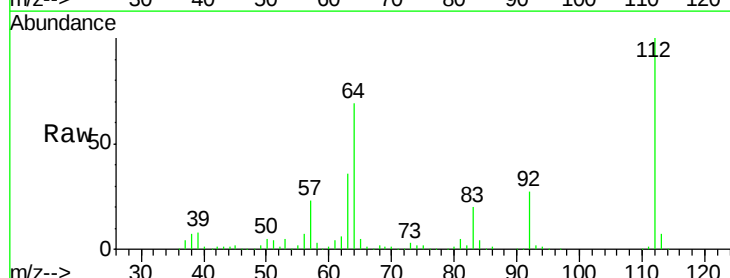


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

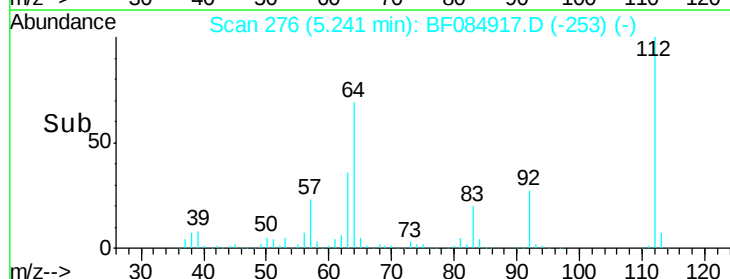
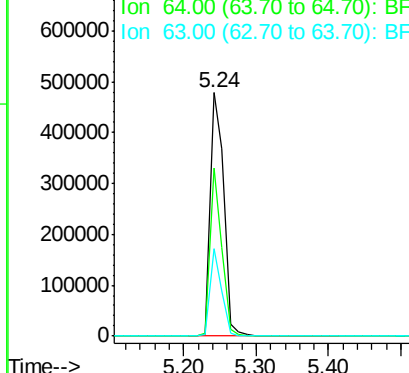


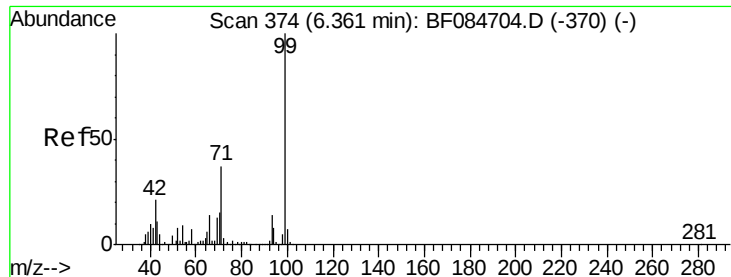
#5
 2-Fluorophenol
 Concen: 59.39 ng
 RT: 5.24 min Scan# 276
 Delta R.T. -0.03 min
 Lab File: BF084917.D
 Acq: 6 Feb 2016 17:44

Tgt Ion:112 Resp: 611872
 Ion Ratio Lower Upper
 112 100
 64 68.9 36.6 55.0#
 63 36.0 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: 37.38 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.03 min

Lab File: BF084917.D

Acq: 6 Feb 2016 17:44

Instrument :

BNA_F

ClientSampleId :

MW-4

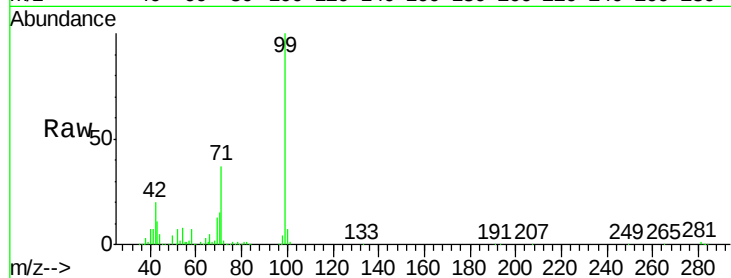
Tgt Ion: 99 Resp: 477418

Ion Ratio Lower Upper

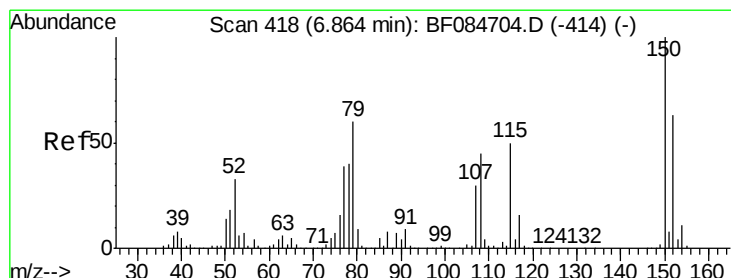
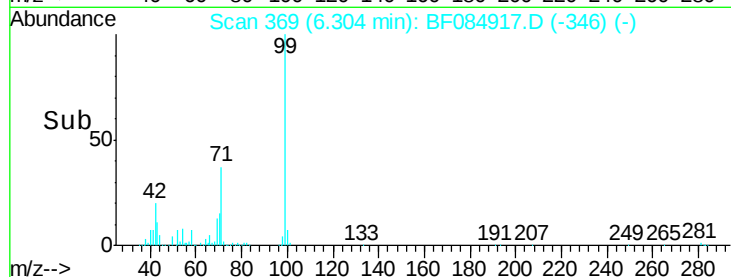
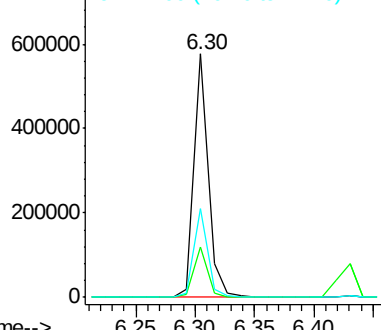
99 100

42 20.4 12.8 19.2#

71 36.6 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



#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF084917.D

Acq: 6 Feb 2016 17:44

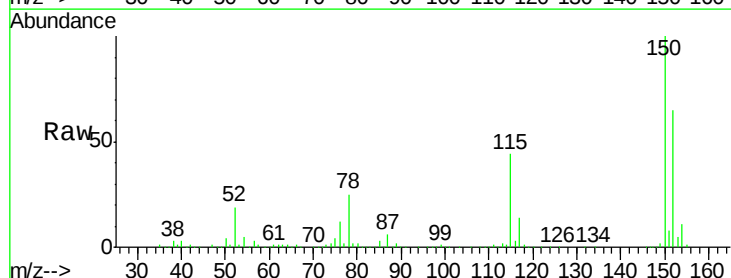
Tgt Ion: 79 Resp: 17920

Ion Ratio Lower Upper

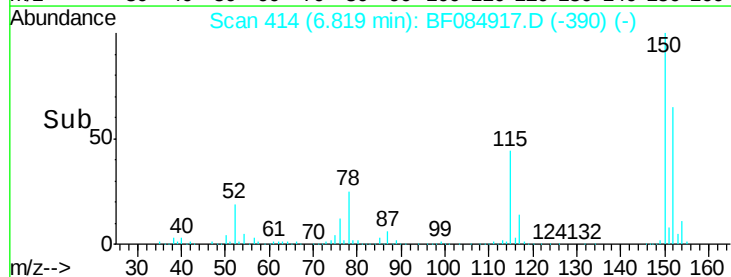
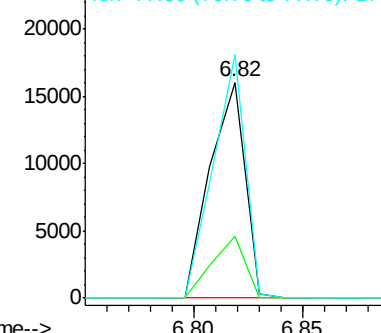
79 100

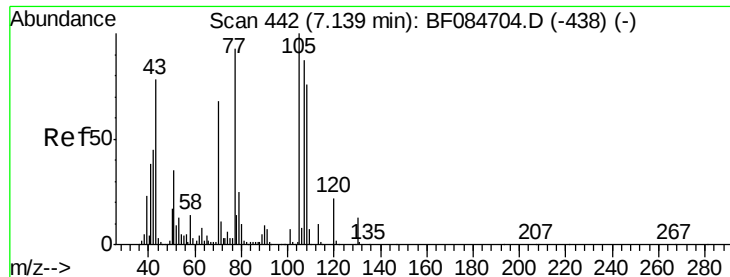
108 28.5 69.0 103.4#

77 112.8 50.0 75.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 15.91 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.11 min

Lab File: BF084917.D

Acq: 6 Feb 2016 17:44

Instrument :

BNA_F

ClientSampleId :

MW-4

Tgt Ion: 70 Resp: 127390

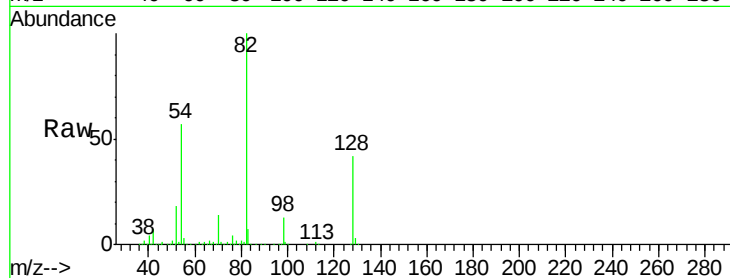
Ion Ratio Lower Upper

70 100

42 49.7 33.3 49.9

101 0.0 9.3 13.9#

130 2.1 23.4 35.0#

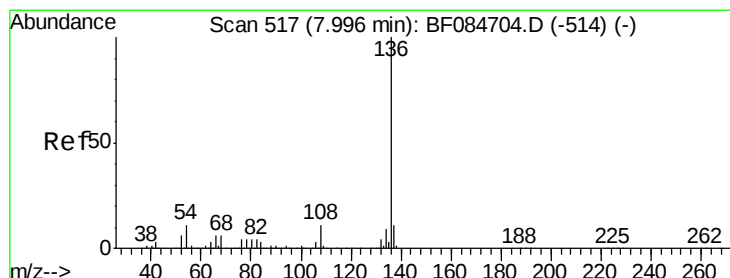
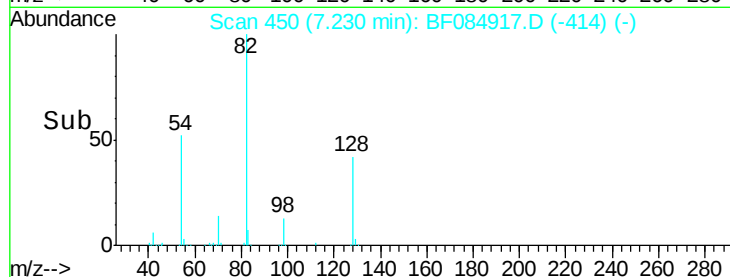
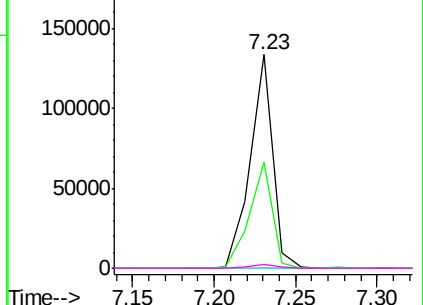


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF084917.D

Acq: 6 Feb 2016 17:44

Tgt Ion: 136 Resp: 624493

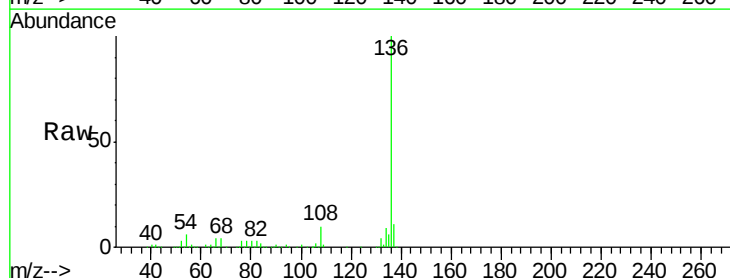
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.1 5.8 8.8

68 3.8 4.2 6.2#

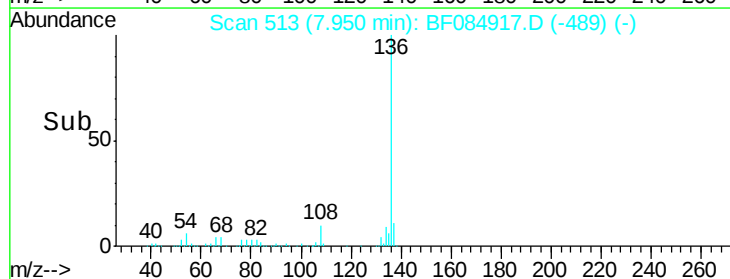
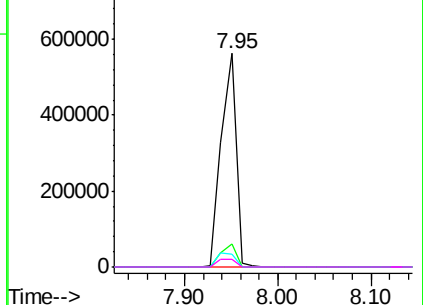


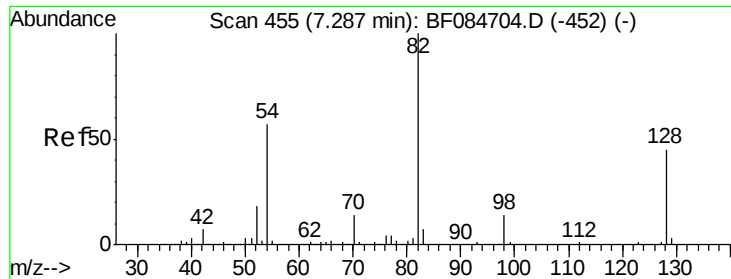
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

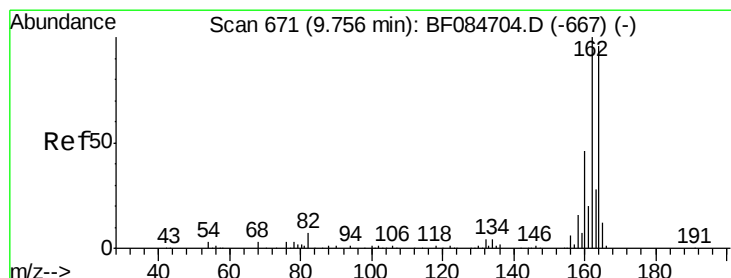
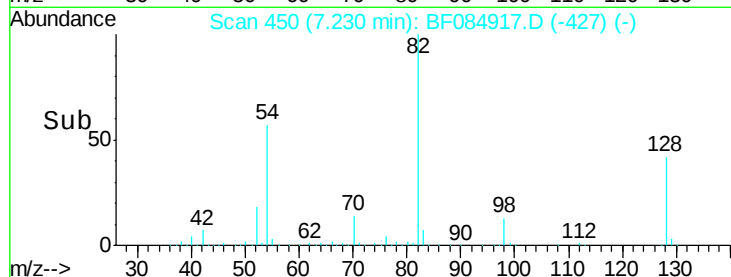
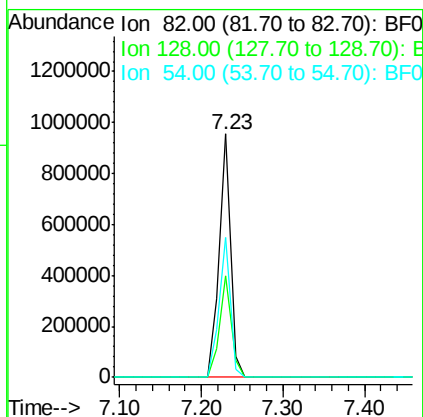
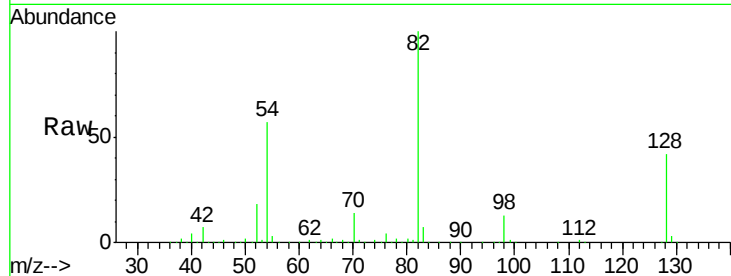




#23
 Nitrobenzene-d5
 Concen: 84.24 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.03 min
 Lab File: BF084917.D
 Acq: 6 Feb 2016 17:44

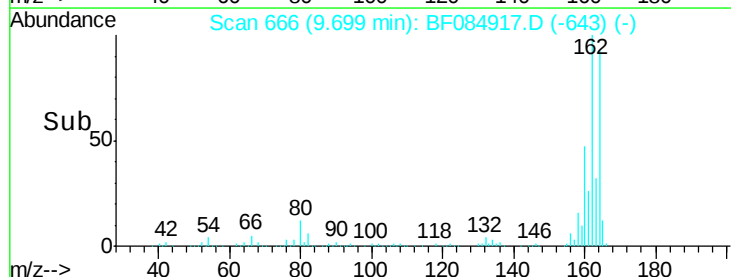
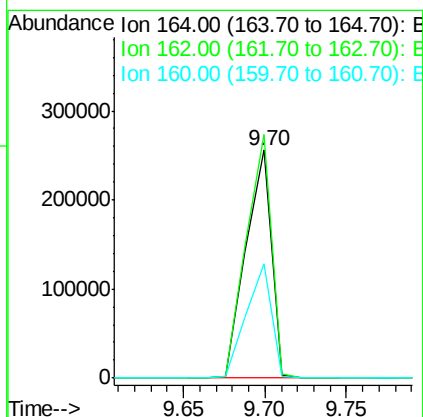
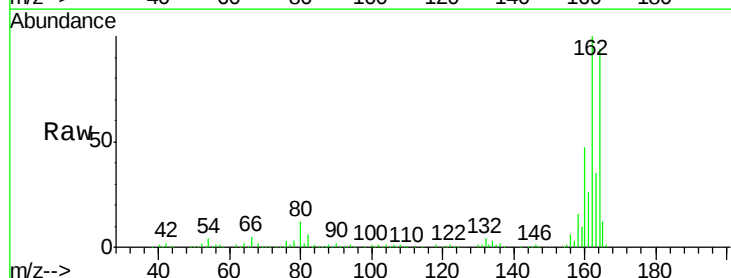
Instrument :
 BNA_F
 ClientSampleId :
 MW-4

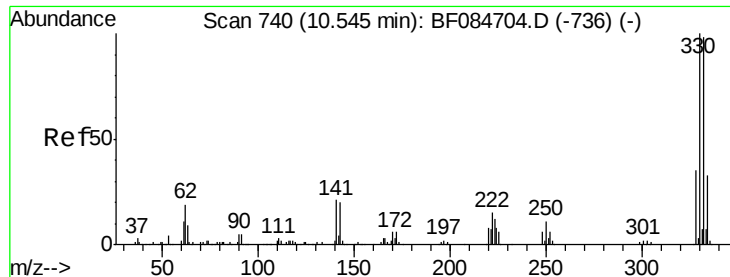
Tgt Ion: 82 Resp: 933874
 Ion Ratio Lower Upper
 82 100
 128 41.6 34.6 51.8
 54 57.4 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF084917.D
 Acq: 6 Feb 2016 17:44

Tgt Ion: 164 Resp: 276108
 Ion Ratio Lower Upper
 164 100
 162 106.9 85.1 127.7
 160 50.1 37.5 56.3

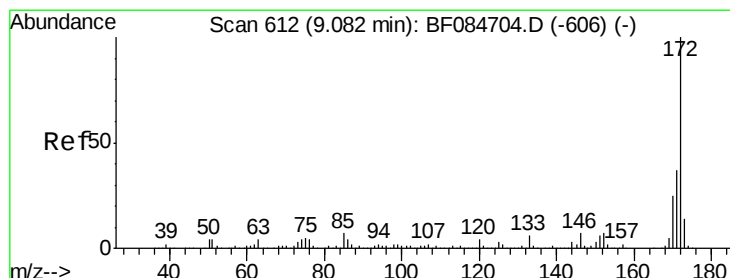
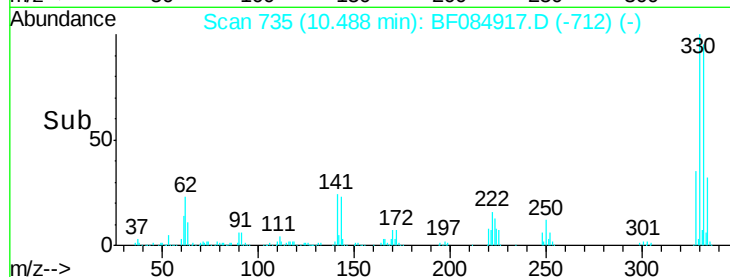
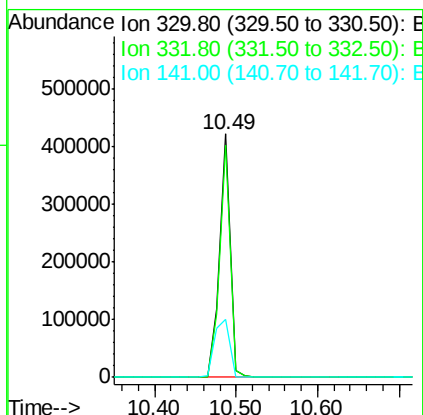
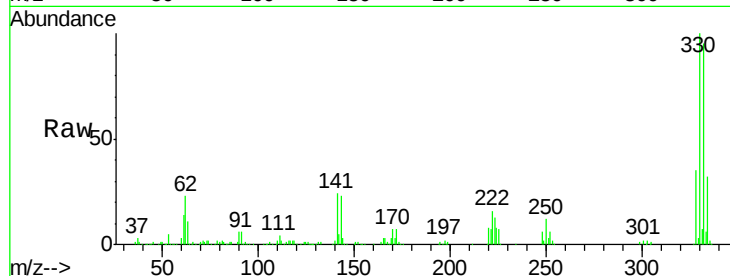




#41
 2,4,6-Tribromophenol
 Concen: 133.26 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084917.D
 Acq: 6 Feb 2016 17:44

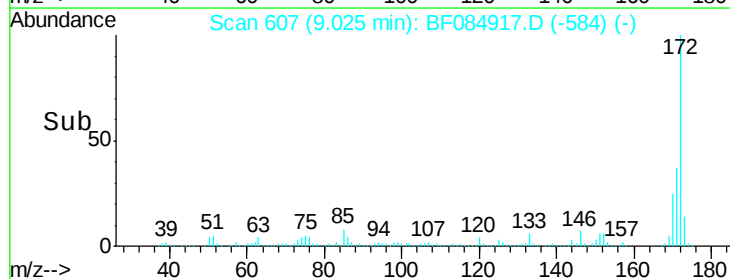
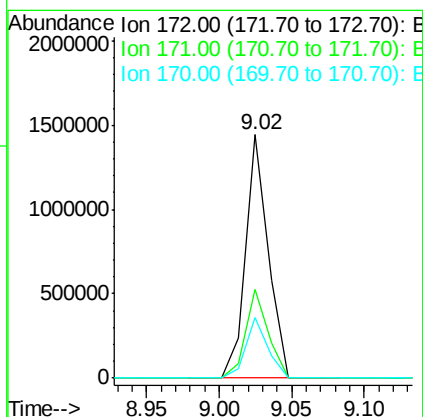
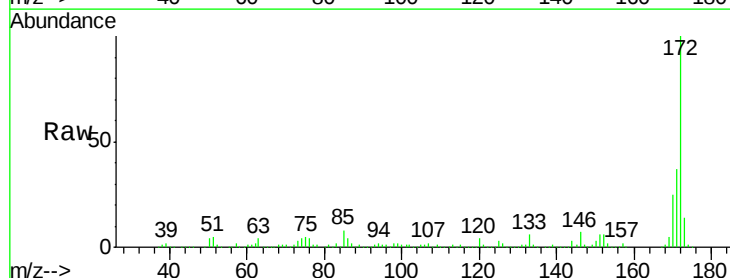
Instrument :
 BNA_F
 ClientSampled :
 MW-4

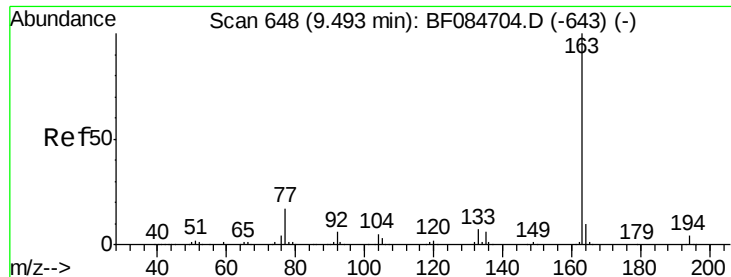
Tgt Ion:330 Resp: 383791
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 34.7 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 101.56 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084917.D
 Acq: 6 Feb 2016 17:44

Tgt Ion:172 Resp: 1556471
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 25.0 18.6 27.8

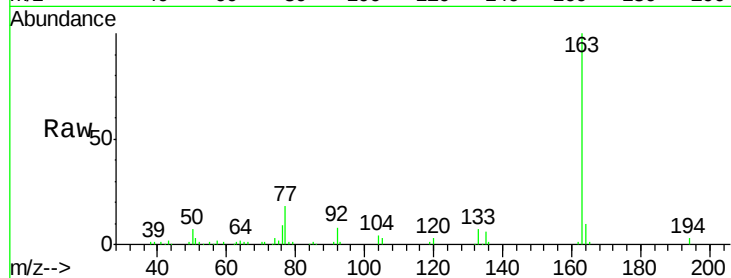




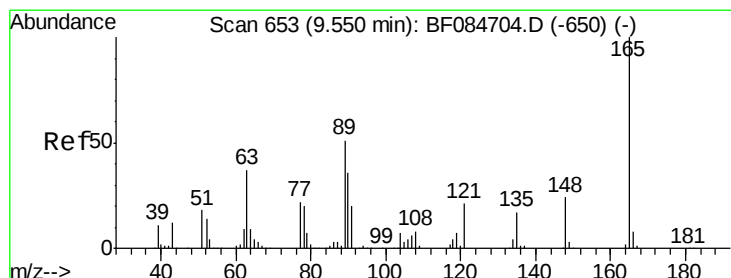
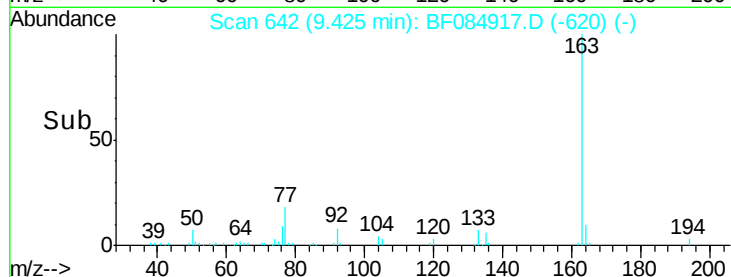
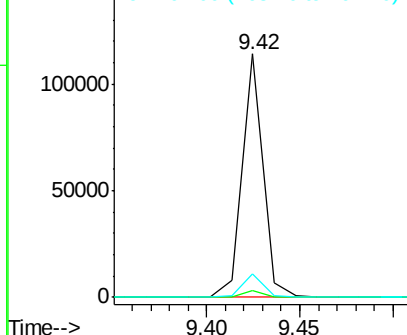
#49
Dimethylphthalate
Concen: 4.24 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF084917.D
Acq: 6 Feb 2016 17:44

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:163 Resp: 89238
Ion Ratio Lower Upper
163 100
194 3.1 8.0 12.0#
164 9.8 8.0 12.0

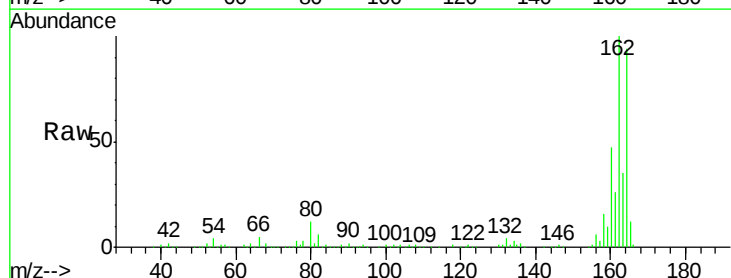


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

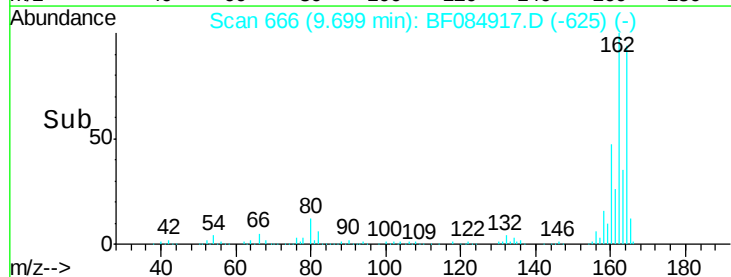
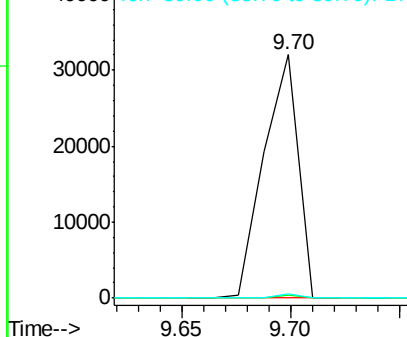


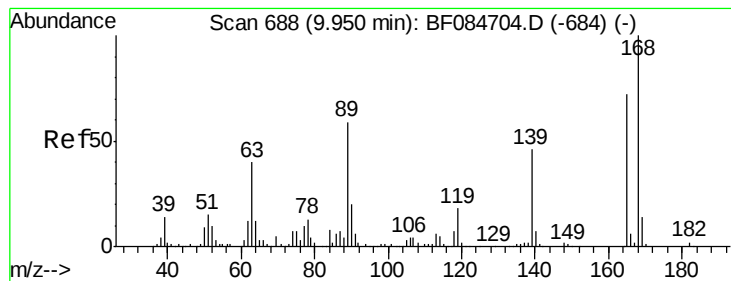
#50
2,6-Dinitrotoluene
Concen: 7.72 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.17 min
Lab File: BF084917.D
Acq: 6 Feb 2016 17:44

Tgt Ion:165 Resp: 35459
Ion Ratio Lower Upper
165 100
63 1.3 28.8 43.2#
89 1.6 35.1 52.7#



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

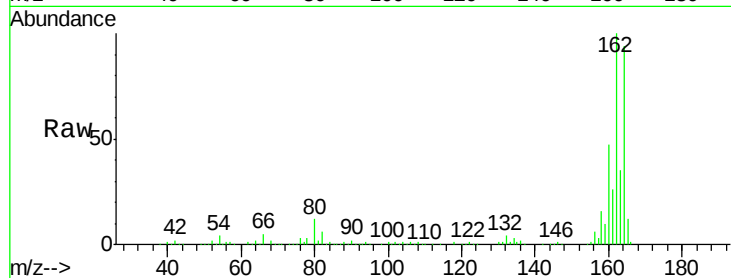




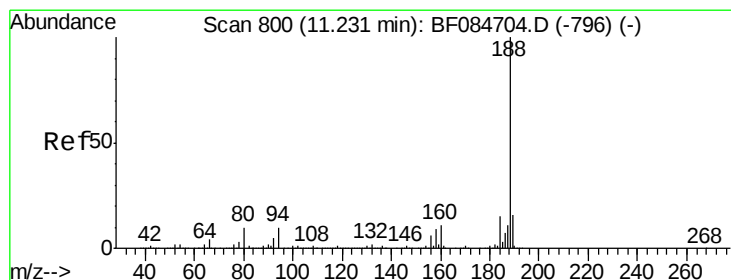
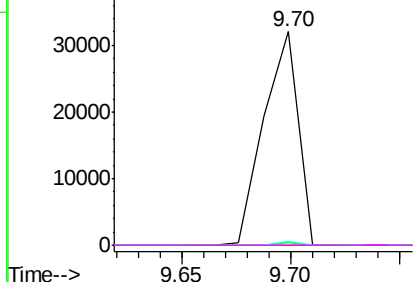
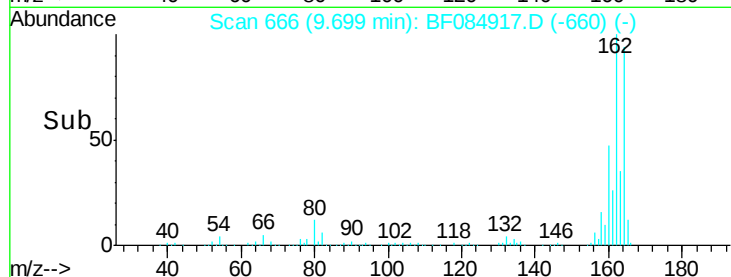
#56
 2,4-Dinitrotoluene
 Concen: 6.05 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.23 min
 Lab File: BF084917.D
 Acq: 6 Feb 2016 17:44

Instrument :
 BNA_F
 ClientSampled :
 MW-4

Tgt Ion:165 Resp: 35459
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.7 55.1#
 89 1.6 61.9 92.9#
 182 0.0 2.0 3.0#

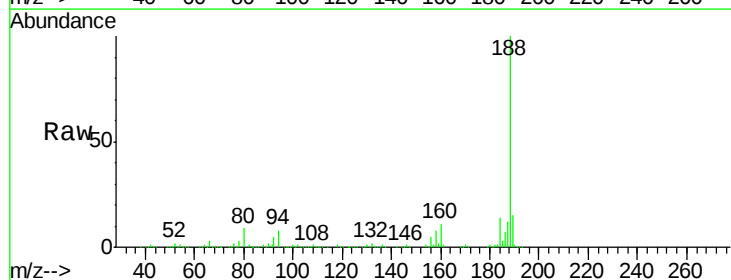


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

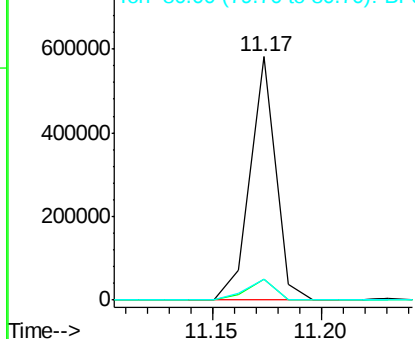
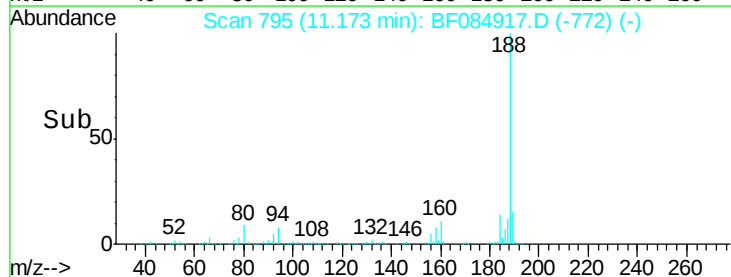


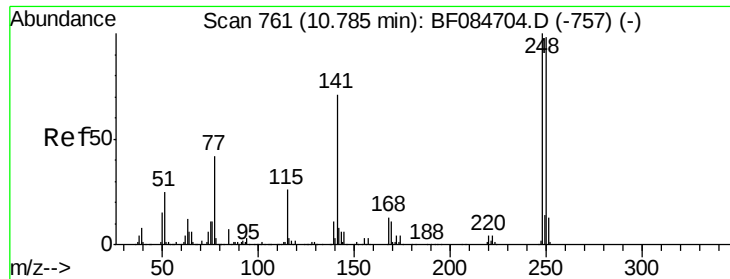
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.03 min
 Lab File: BF084917.D
 Acq: 6 Feb 2016 17:44

Tgt Ion:188 Resp: 474684
 Ion Ratio Lower Upper
 188 100
 94 8.3 9.0 13.4#
 80 8.6 9.6 14.4#



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

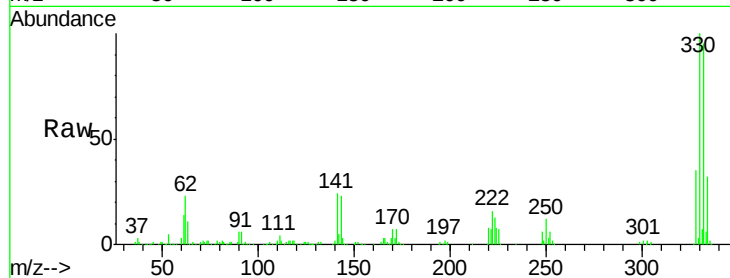




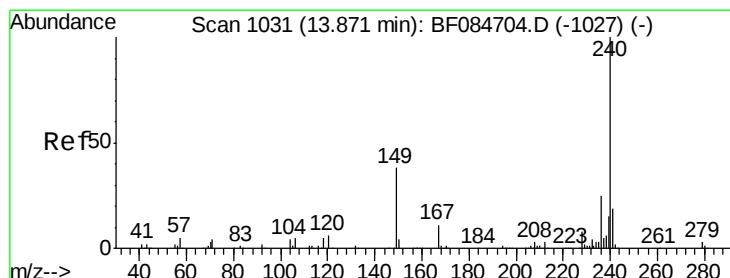
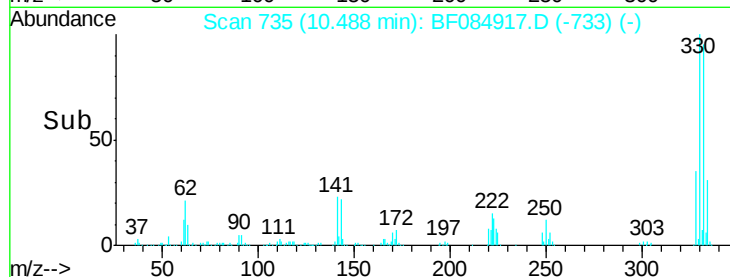
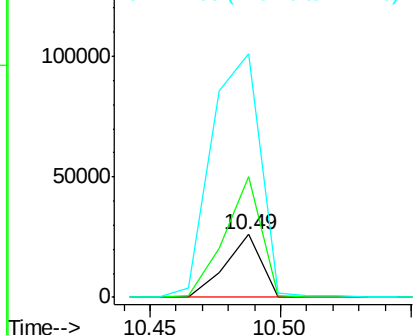
#66
4-Bromophenyl-phenylether
Concen: 4.80 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.27 min
Lab File: BF084917.D
Acq: 6 Feb 2016 17:44

Instrument :
BNA_F
ClientSampled :
MW-4

Tgt Ion:248 Resp: 25165
Ion Ratio Lower Upper
248 100
250 193.5 78.4 117.6#
141 388.8 44.0 66.0#

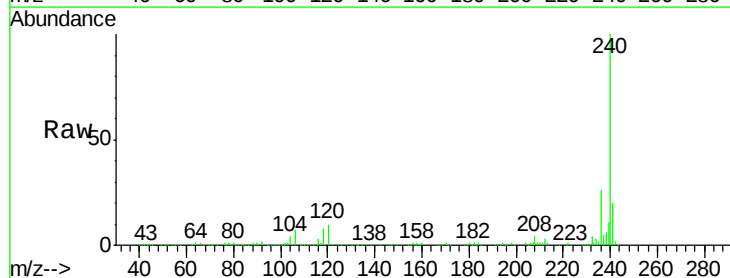


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

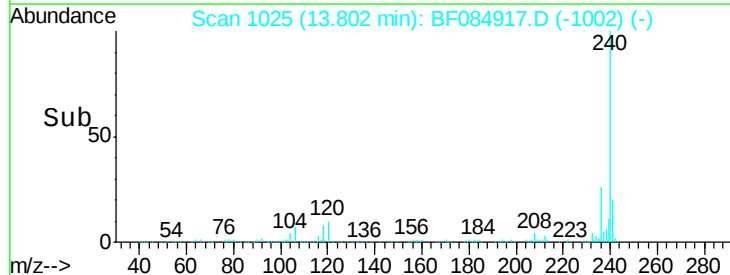
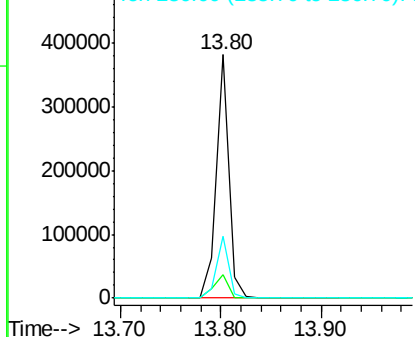


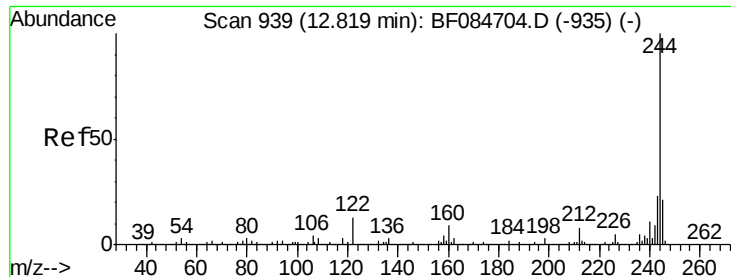
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084917.D
Acq: 6 Feb 2016 17:44

Tgt Ion:240 Resp: 331548
Ion Ratio Lower Upper
240 100
120 9.5 9.5 14.3#
236 25.6 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





#78

Terphenyl-d14

Concen: 78.24 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084917.D

Acq: 6 Feb 2016 17:44

Instrument :

BNA_F

ClientSampleId :

MW-4

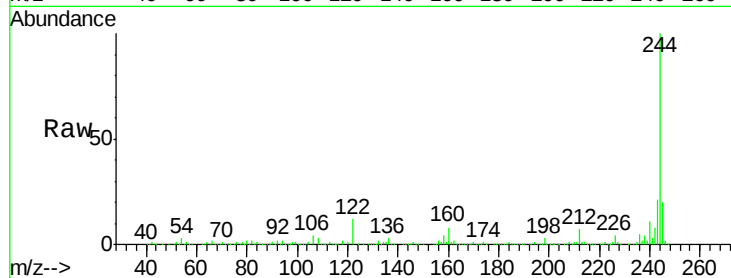
Tgt Ion:244 Resp: 1144691

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

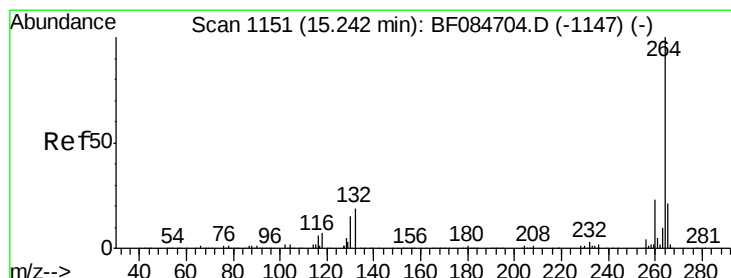
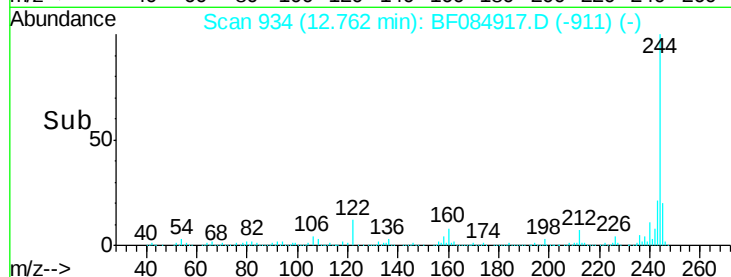
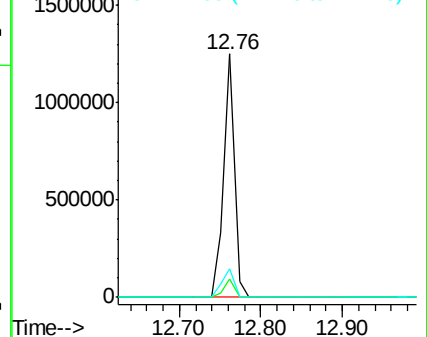
122 11.5 7.4 11.0#



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: 15.17 min Scan# 1145

Delta R.T. -0.03 min

Lab File: BF084917.D

Acq: 6 Feb 2016 17:44

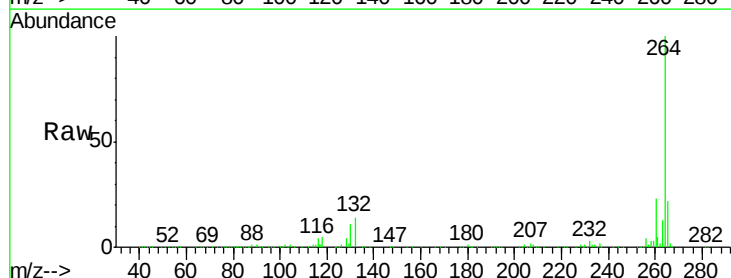
Tgt Ion:264 Resp: 317634

Ion Ratio Lower Upper

264 100

260 22.7 19.4 29.2

265 21.8 17.8 26.6



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

