

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013117\
 Data File : BF092698.D
 Acq On : 31 Jan 2017 23:08
 Operator : SJ/MA
 Sample : I1596-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Quant Time: Feb 01 00:23:08 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

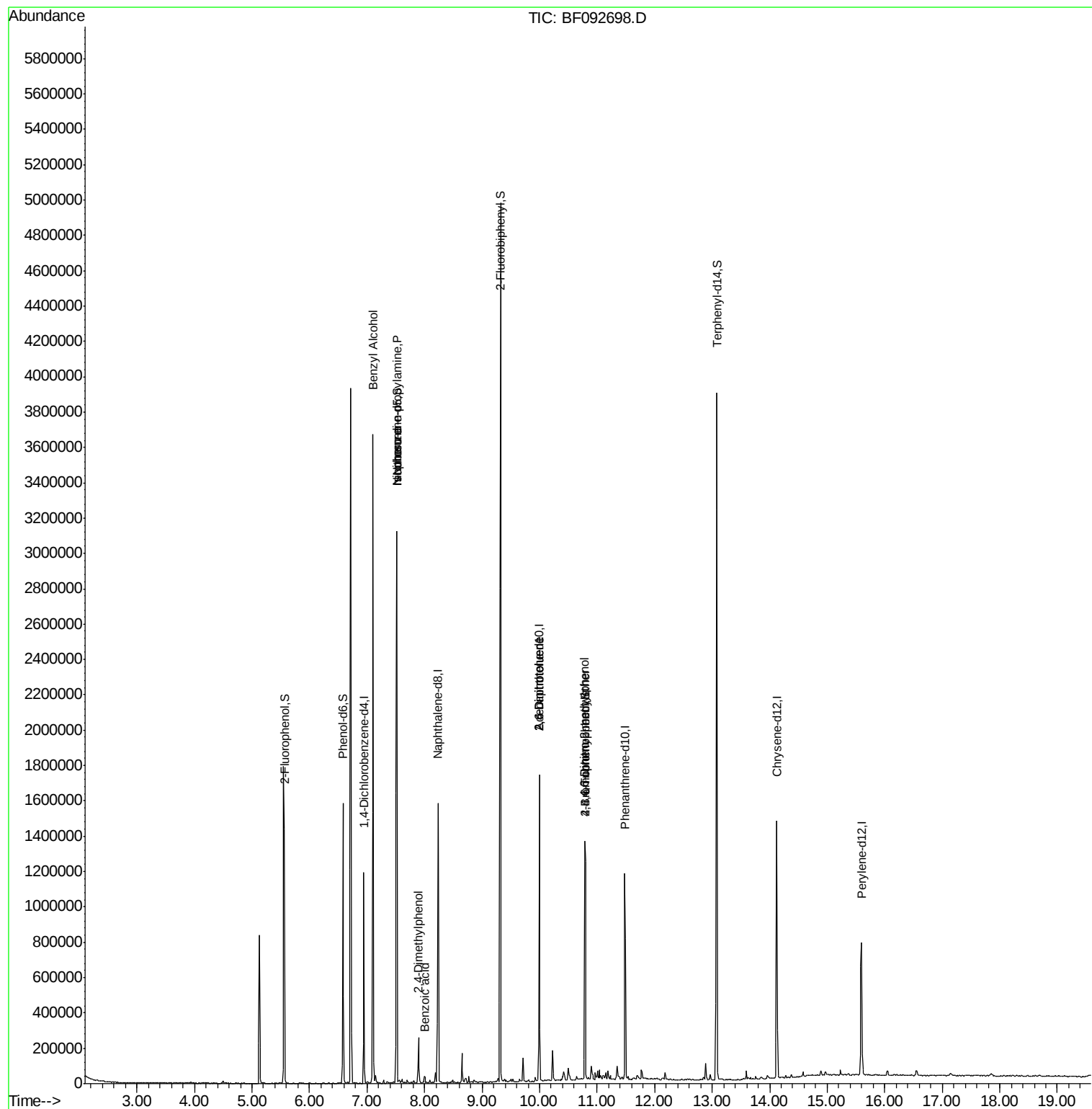
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	167381	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	663405	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	361646	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	554417	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	477960	20.00	ng	-0.02
86) Perylene-d12	15.60	264	391926	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	655132	67.15	ng	-0.01
7) Phenol-d6	6.58	99	525083	41.83	ng	-0.02
23) Nitrobenzene-d5	7.52	82	1160891	97.45	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	228274	87.27	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1913692	95.87	ng	-0.01
78) Terphenyl-d14	13.08	244	1728393	84.97	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.10	79	19158	2.06	ng	# 33
19) n-Nitroso-di-n-propylamine	7.52	70	158310	19.81	ng	# 80
25) Isophorone	7.52	82	1112005	50.09	ng	# 65
27) 2,4-Dimethylphenol	7.89	122	56747	5.56	ng	92
32) Benzoic acid	8.01	122	8039	8.35	ng	# 18
50) 2,6-Dinitrotoluene	10.00	165	46749	8.89	ng	# 30
56) 2,4-Dinitrotoluene	10.00	165	46740	6.67	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.78	198	598	2.84	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	16300	2.81	ng	# 1

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

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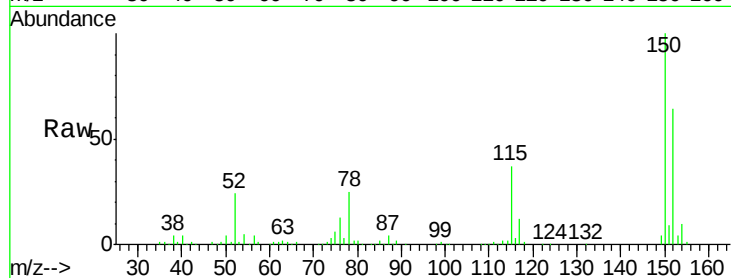


#1

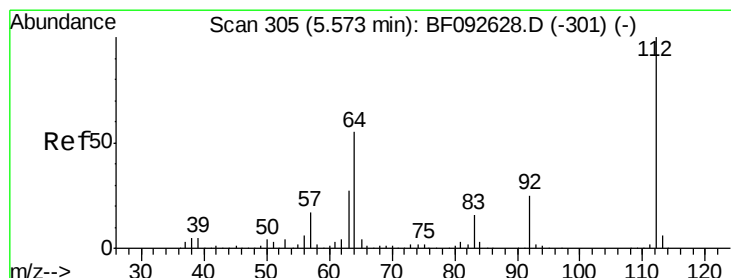
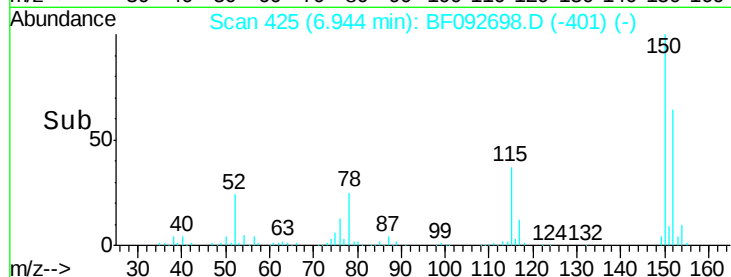
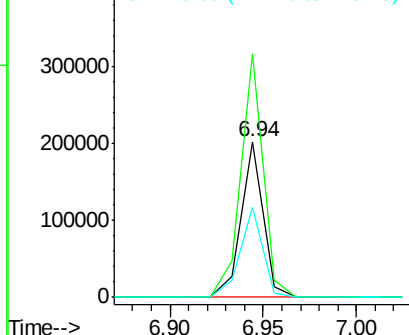
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF092698.D
Acq: 31 Jan 2017 23:08

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.9	187.3
115	58.3	46.0	69.0



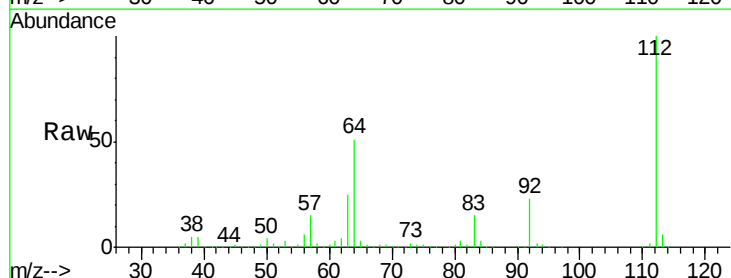
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



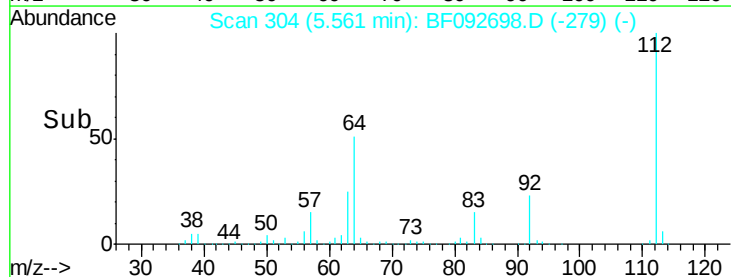
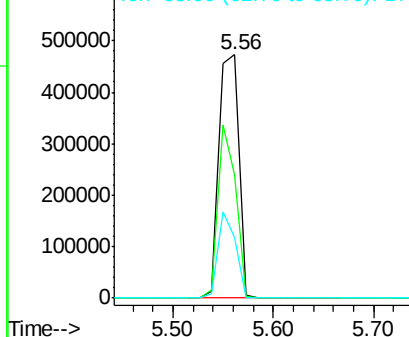
#5

2-Fluorophenol
Concen: 67.15 ng
RT: 5.56 min Scan# 304
Delta R.T. -0.01 min
Lab File: BF092698.D
Acq: 31 Jan 2017 23:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.8	46.1	69.1
63	25.0	23.8	35.6



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: 41.83 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092698.D

Acq: 31 Jan 2017 23:08

Instrument :

BNA_F

ClientSampleId :

MW-16

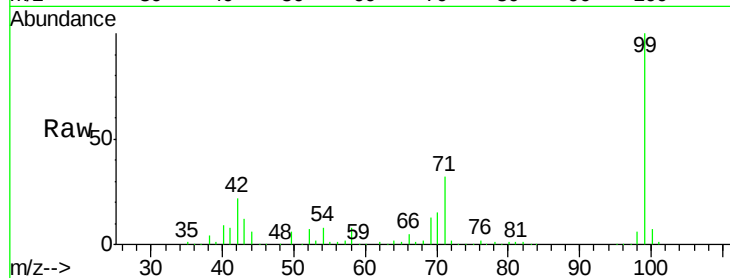
Tgt Ion: 99 Resp: 525083

Ion Ratio Lower Upper

99 100

42 22.1 15.6 23.4

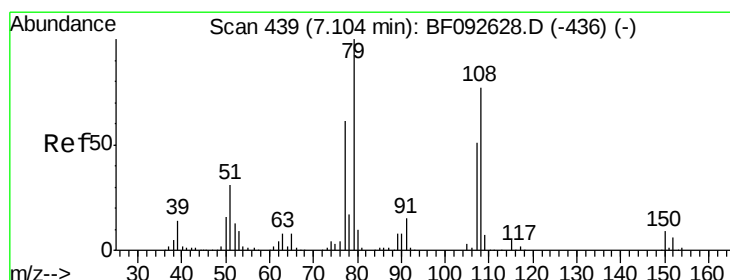
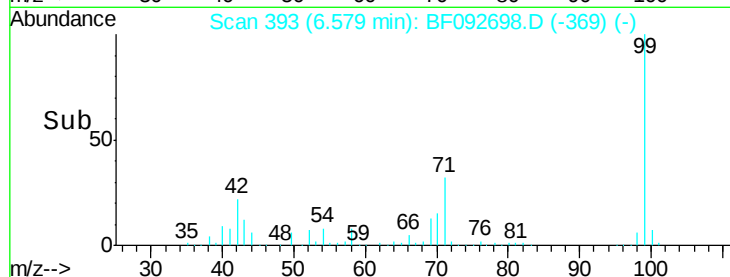
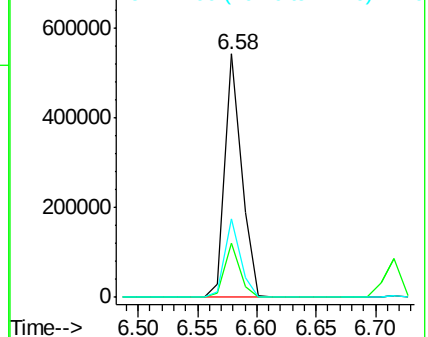
71 32.4 27.5 41.3



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: 2.06 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF092698.D

Acq: 31 Jan 2017 23:08

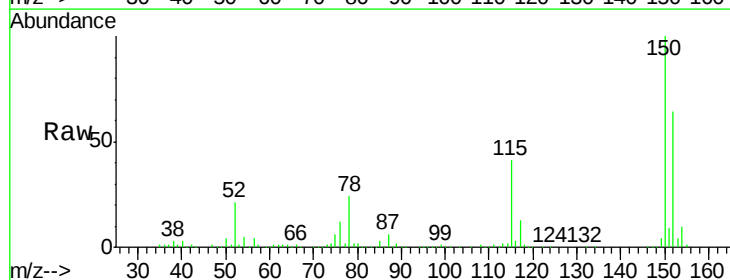
Tgt Ion: 79 Resp: 19158

Ion Ratio Lower Upper

79 100

108 31.1 61.4 92.0#

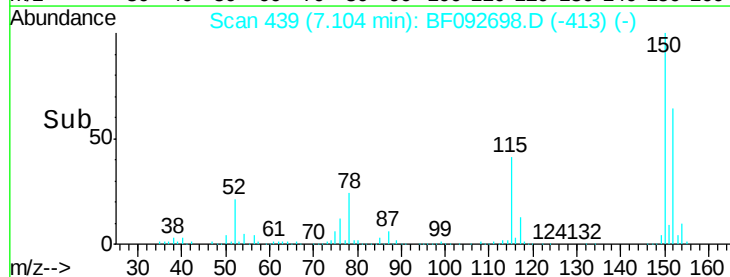
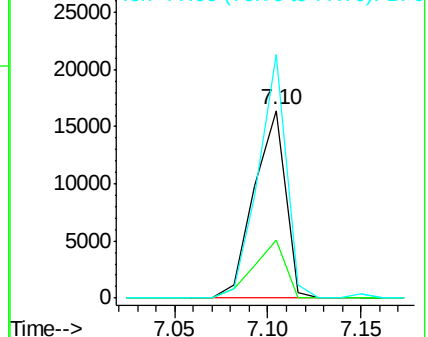
77 129.6 50.9 76.3#



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

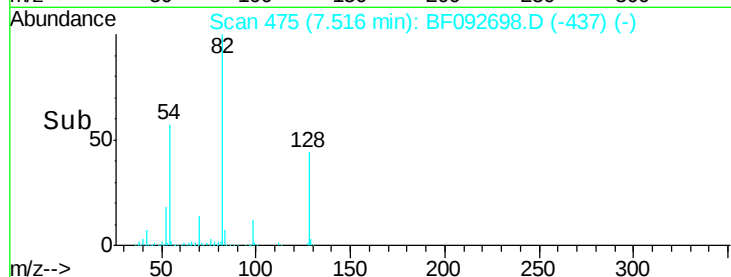
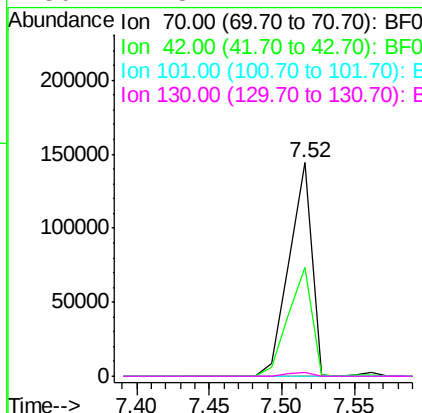
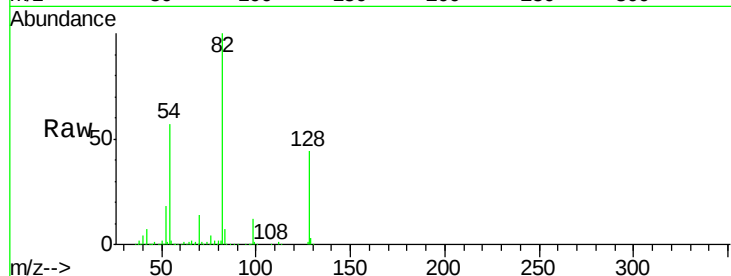




#19
n-Nitroso-di-n-propylamine
Concen: 19.81 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.14 min
Lab File: BF092698.D
Acq: 31 Jan 2017 23:08

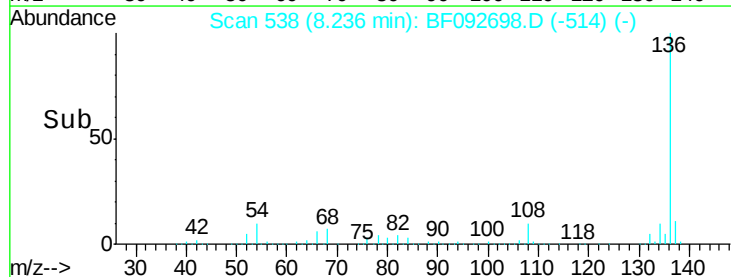
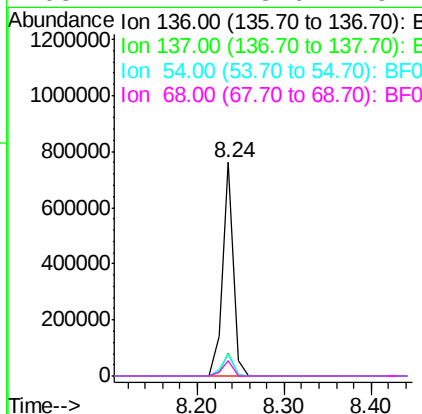
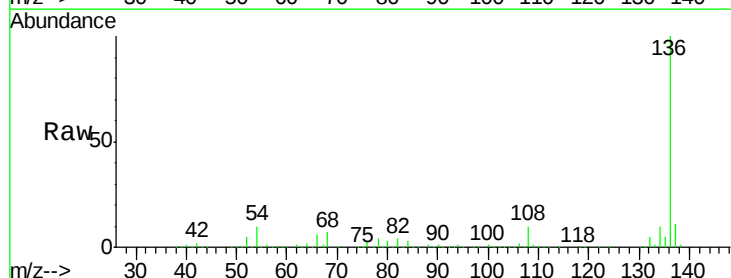
Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion: 70 Resp: 158310
Ion Ratio Lower Upper
70 100
42 50.8 49.4 74.0
101 0.0 7.4 11.2#
130 1.8 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092698.D
Acq: 31 Jan 2017 23:08

Tgt Ion: 136 Resp: 663405
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 10.1 4.5 6.7#
68 7.2 3.6 5.4#

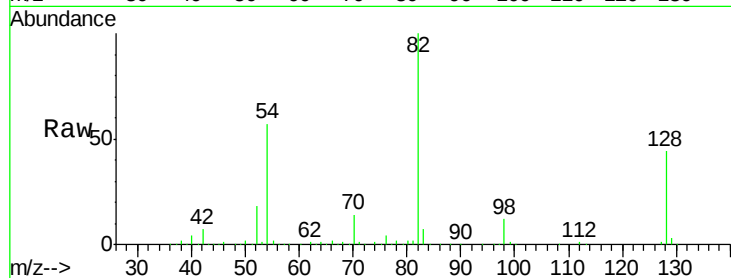




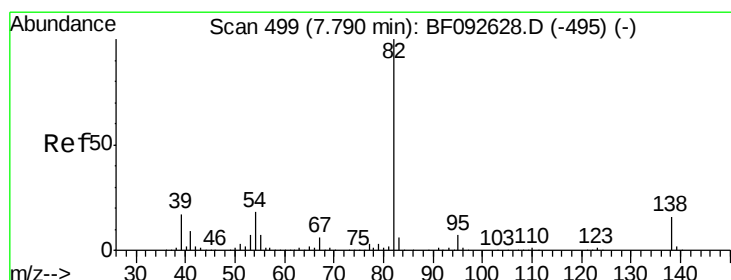
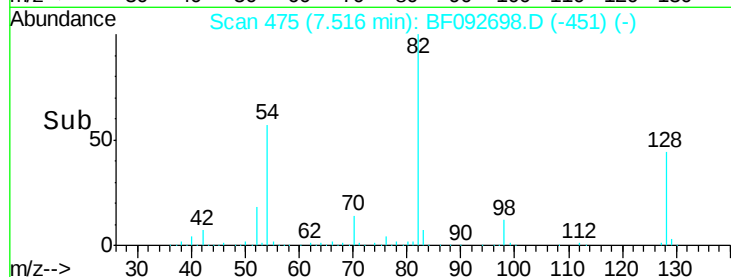
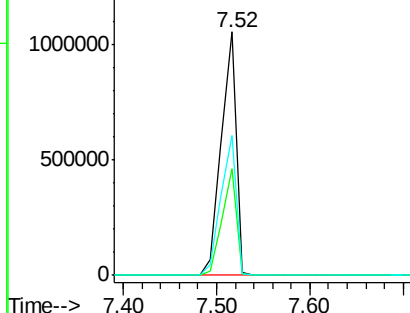
#23
 Nitrobenzene-d5
 Concen: 97.45 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF092698.D
 Acq: 31 Jan 2017 23:08

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tgt Ion: 82 Resp: 1160891
 Ion Ratio Lower Upper
 82 100
 128 44.0 34.6 52.0
 54 57.3 39.5 59.3

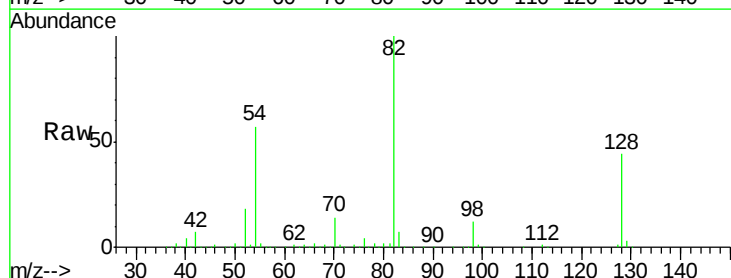


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

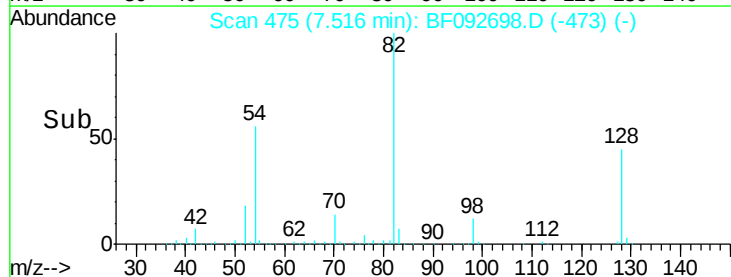
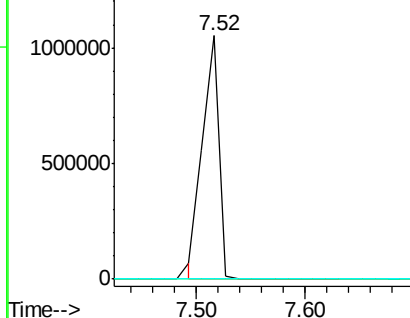


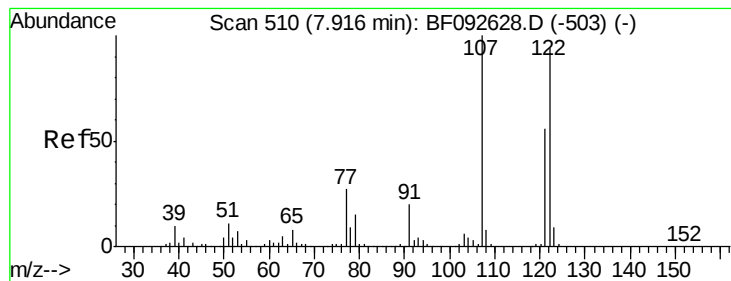
#25
 Isophorone
 Concen: 50.09 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.27 min
 Lab File: BF092698.D
 Acq: 31 Jan 2017 23:08

Tgt Ion: 82 Resp: 1112005
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#



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





#27

2,4-Dimethylphenol

Concen: 5.56 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF092698.D

Acq: 31 Jan 2017 23:08

Instrument :

BNA_F

ClientSampleId :

MW-16

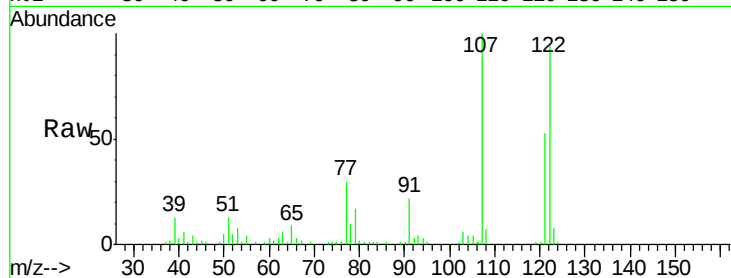
Tgt Ion:122 Resp: 56747

Ion Ratio Lower Upper

122 100

107 105.9 94.1 141.1

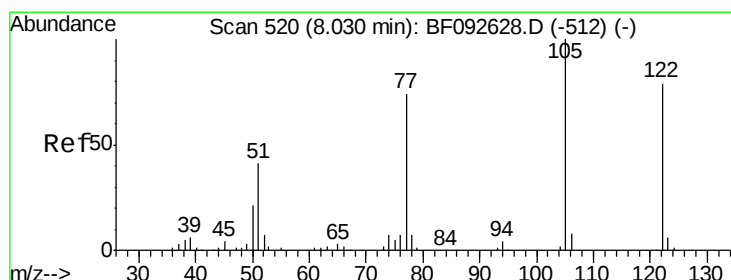
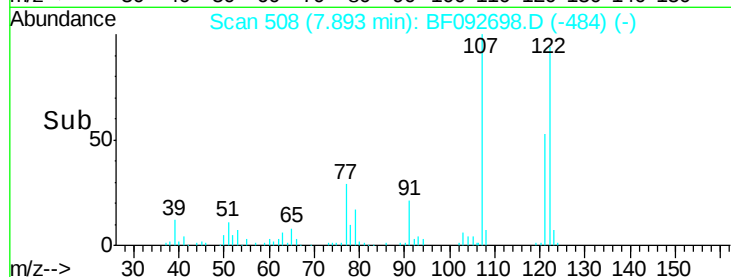
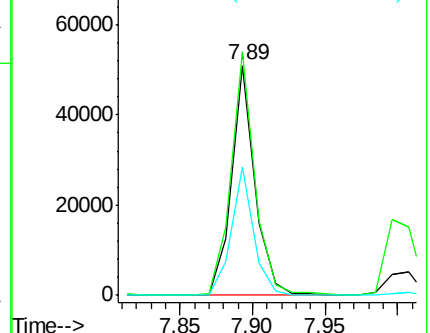
121 56.1 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#32

Benzoic acid

Concen: 8.35 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF092698.D

Acq: 31 Jan 2017 23:08

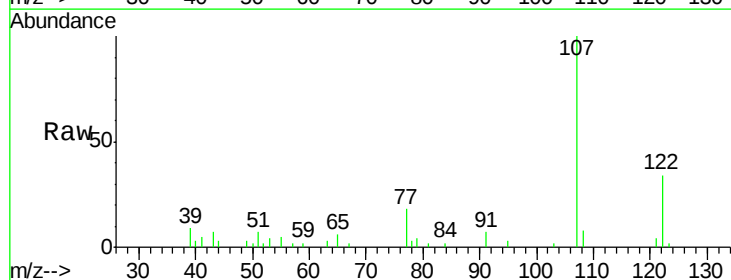
Tgt Ion:122 Resp: 8039

Ion Ratio Lower Upper

122 100

105 0.0 107.2 147.2#

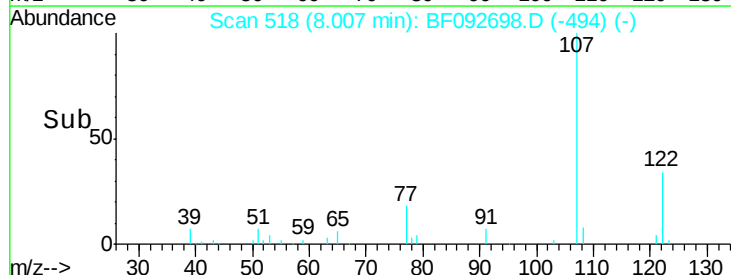
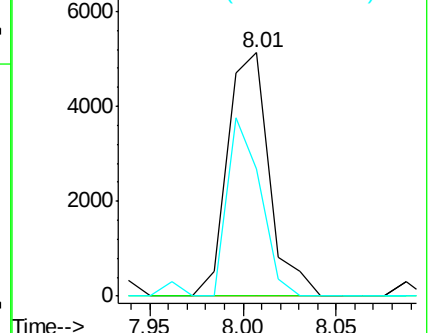
77 52.0 74.5 114.5#

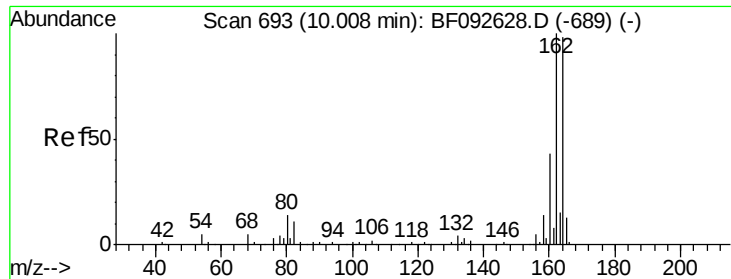


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

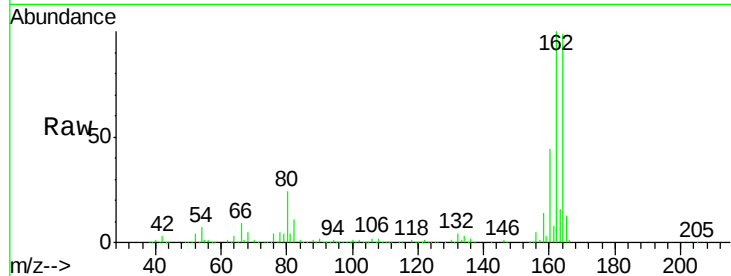




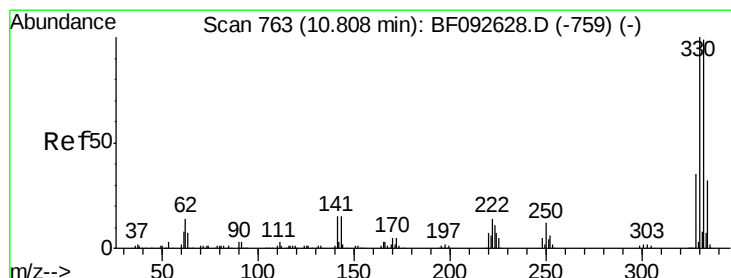
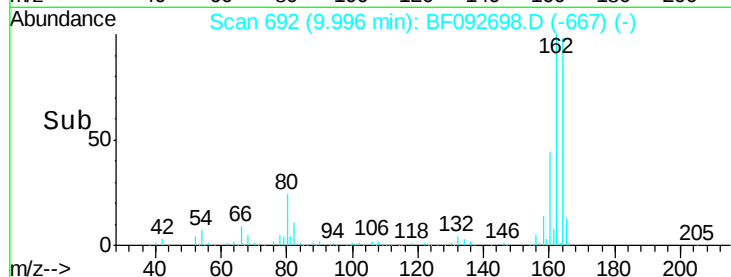
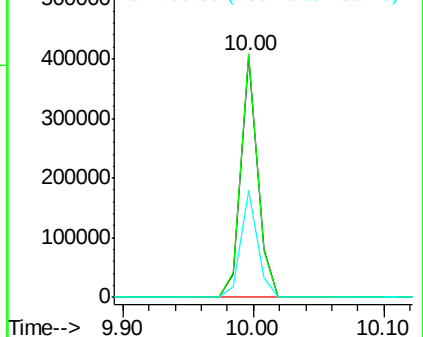
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092698.D
Acq: 31 Jan 2017 23:08

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:164 Resp: 361646
Ion Ratio Lower Upper
164 100
162 100.9 80.2 120.2
160 44.2 36.9 55.3

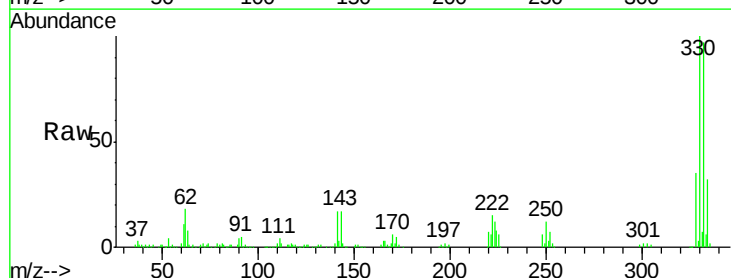


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

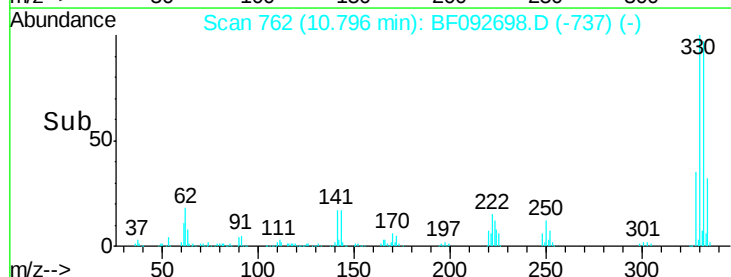
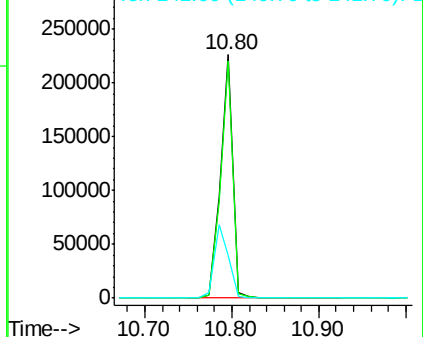


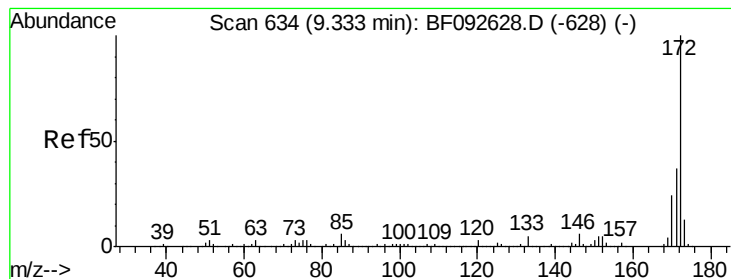
#41
2,4,6-Tribromophenol
Concen: 87.27 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF092698.D
Acq: 31 Jan 2017 23:08

Tgt Ion:330 Resp: 228274
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 34.5 34.1 51.1



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: 95.87 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF092698.D

Acq: 31 Jan 2017 23:08

Instrument :

BNA_F

ClientSampleId :

MW-16

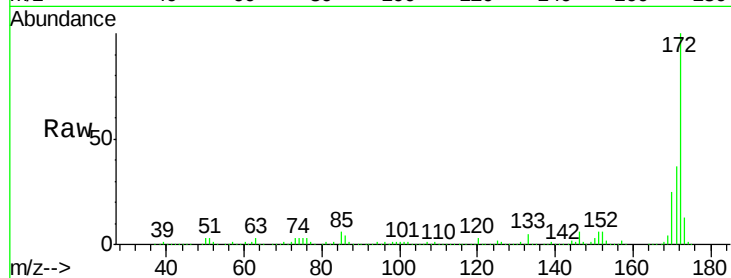
Tgt Ion:172 Resp: 1913692

Ion Ratio Lower Upper

172 100

171 36.8 29.4 44.0

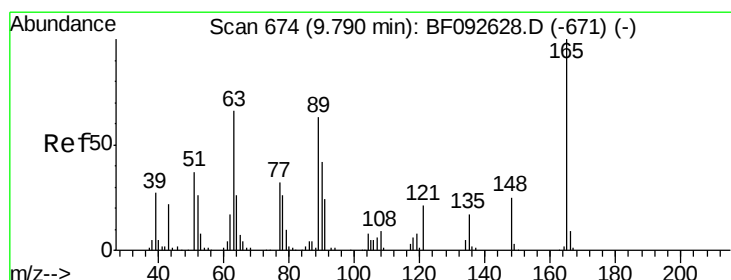
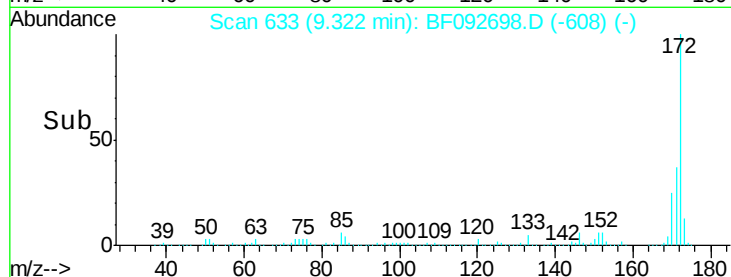
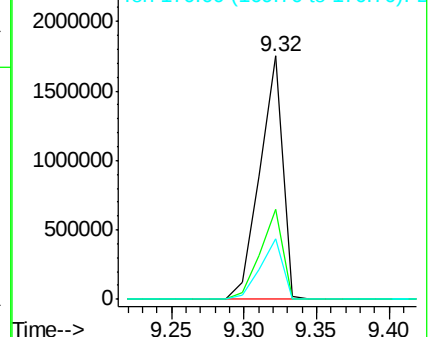
170 24.8 20.2 30.4



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: 8.89 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.21 min

Lab File: BF092698.D

Acq: 31 Jan 2017 23:08

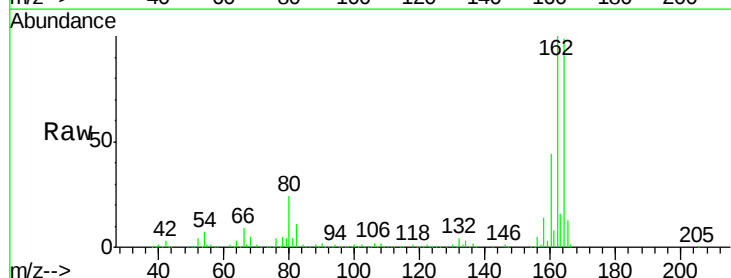
Tgt Ion:165 Resp: 46749

Ion Ratio Lower Upper

165 100

63 1.1 36.2 54.4#

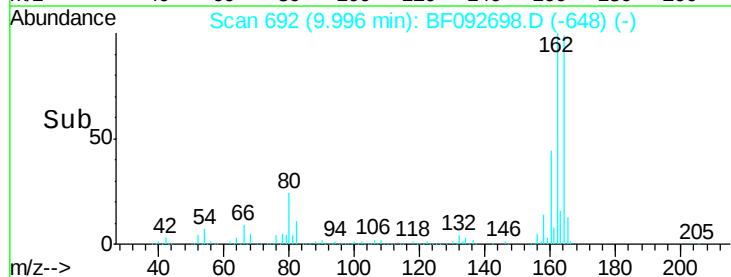
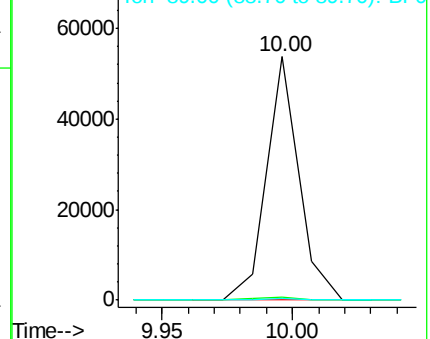
89 0.9 40.2 60.4#

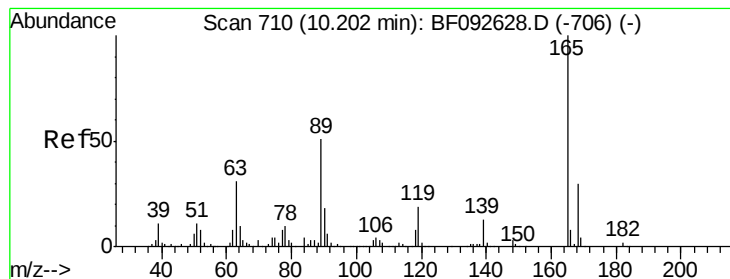


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 6.67 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.21 min

Lab File: BF092698.D

Acq: 31 Jan 2017 23:08

Instrument :

BNA_F

ClientSampleId :

MW-16

Tgt Ion:165 Resp: 46740

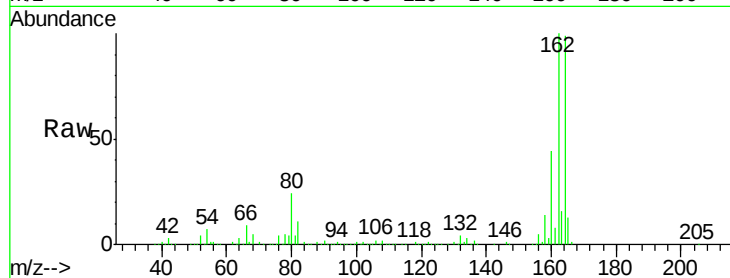
Ion Ratio Lower Upper

165 100

63 1.1 40.2 60.4#

89 0.9 62.5 93.7#

182 0.0 1.8 2.8#

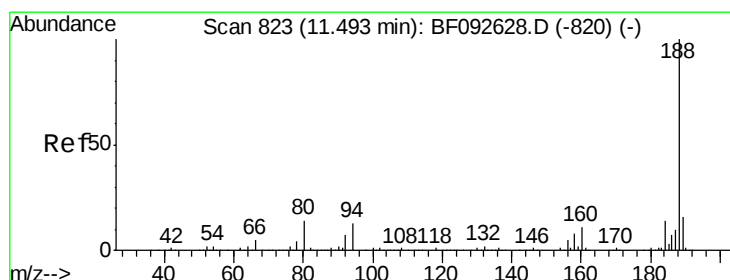
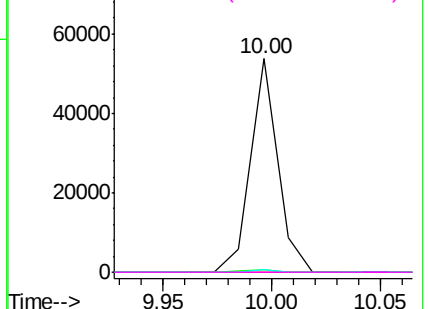
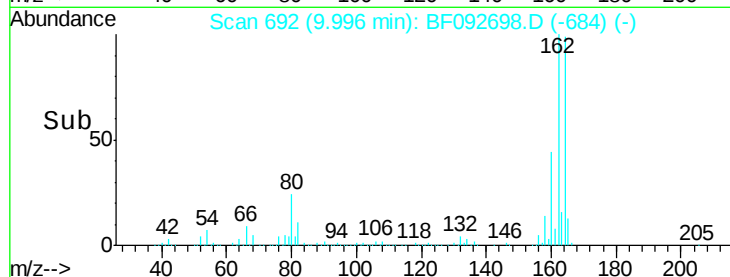


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.48 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF092698.D

Acq: 31 Jan 2017 23:08

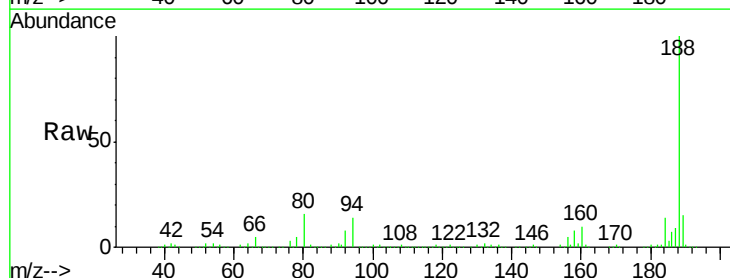
Tgt Ion:188 Resp: 554417

Ion Ratio Lower Upper

188 100

94 14.3 10.0 15.0

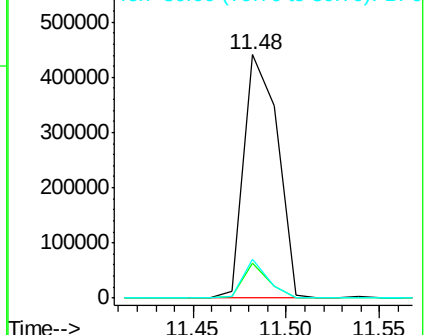
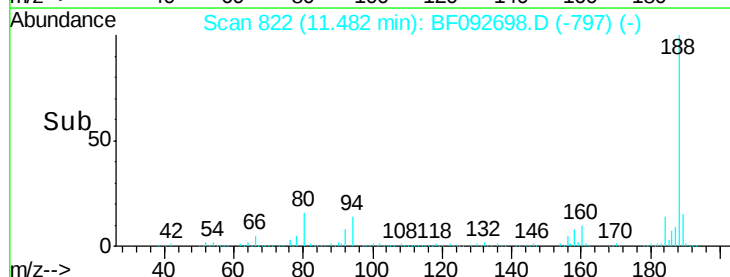
80 16.0 11.2 16.8

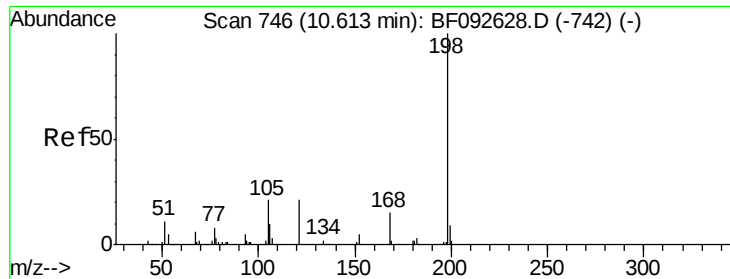


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 2.84 ng

RT: 10.78 min Scan# 761

Delta R.T. 0.17 min

Lab File: BF092698.D

Acq: 31 Jan 2017 23:08

Instrument :

BNA_F

ClientSampleId :

MW-16

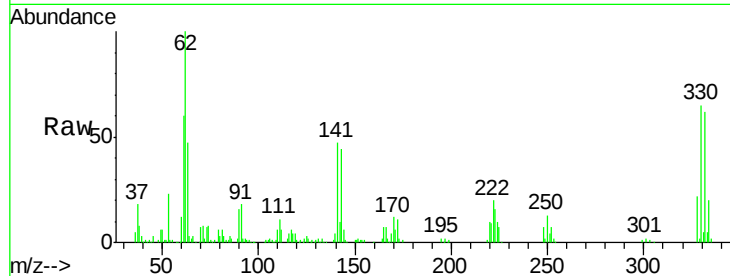
Tgt Ion:198 Resp: 598

Ion Ratio Lower Upper

198 100

51 264.6 6.7 46.7#

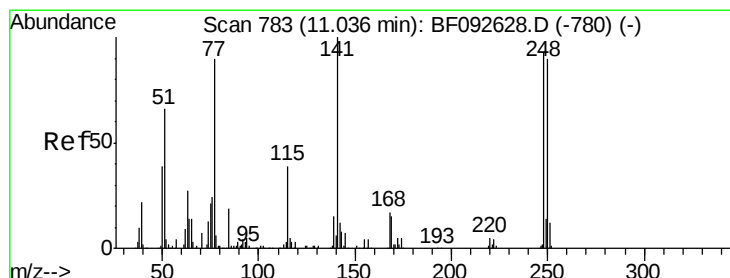
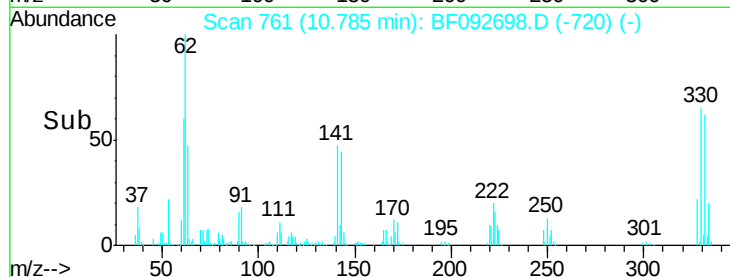
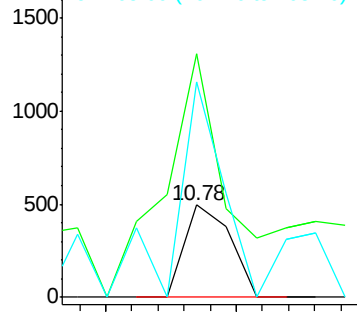
105 233.8 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 2.81 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.24 min

Lab File: BF092698.D

Acq: 31 Jan 2017 23:08

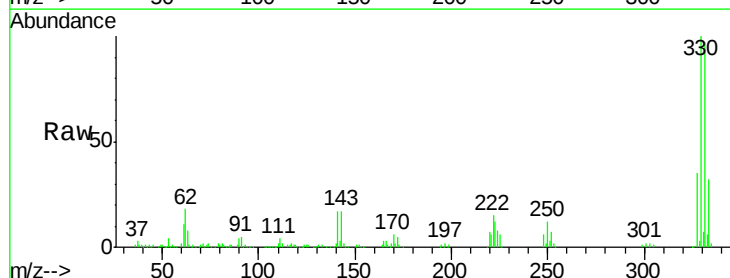
Tgt Ion:248 Resp: 16300

Ion Ratio Lower Upper

248 100

250 208.9 76.9 115.3#

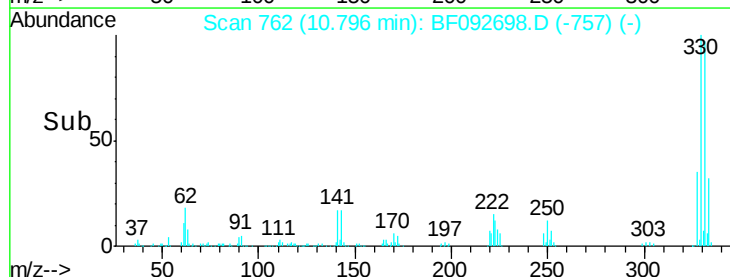
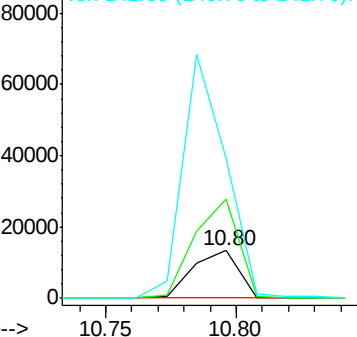
141 297.7 68.2 102.4#

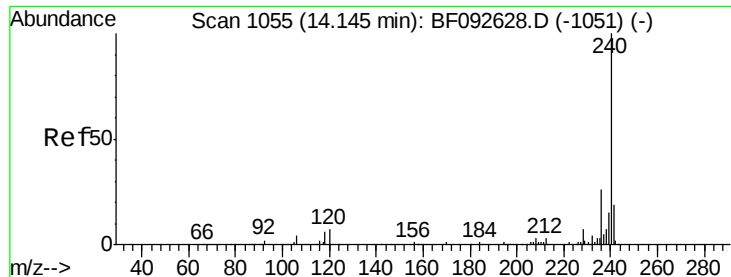


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.12 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BF092698.D

Acq: 31 Jan 2017 23:08

Instrument :

BNA_F

ClientSampleId :

MW-16

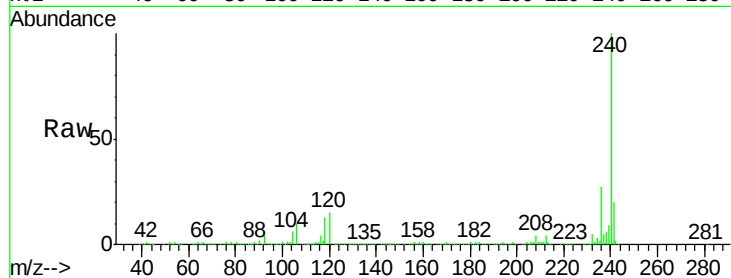
Tgt Ion:240 Resp: 477960

Ion Ratio Lower Upper

240 100

120 14.5 12.9 19.3

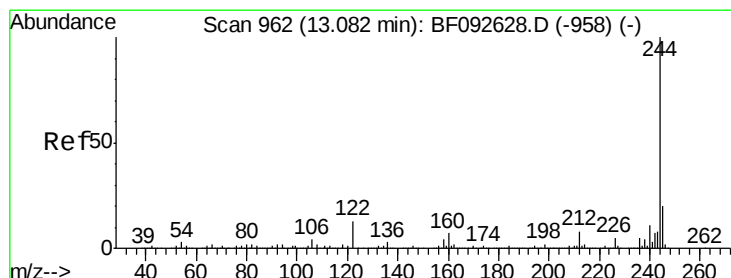
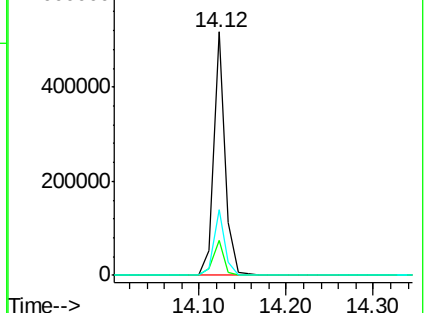
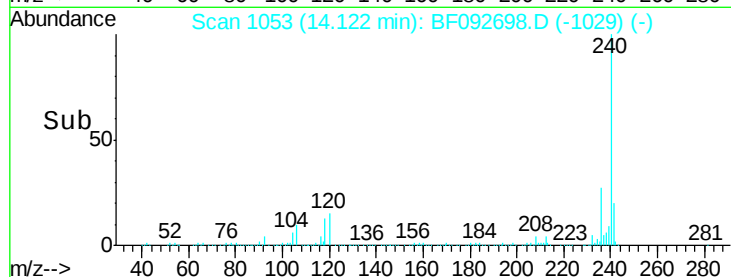
236 26.8 20.9 31.3



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: 84.97 ng

RT: 13.08 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF092698.D

Acq: 31 Jan 2017 23:08

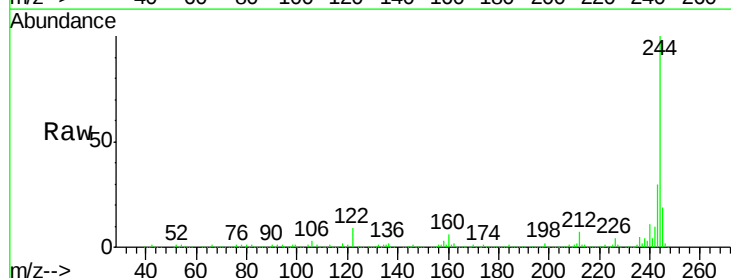
Tgt Ion:244 Resp: 1728393

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

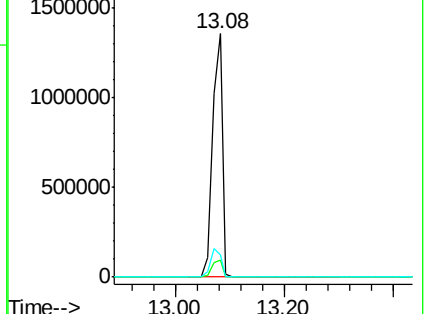
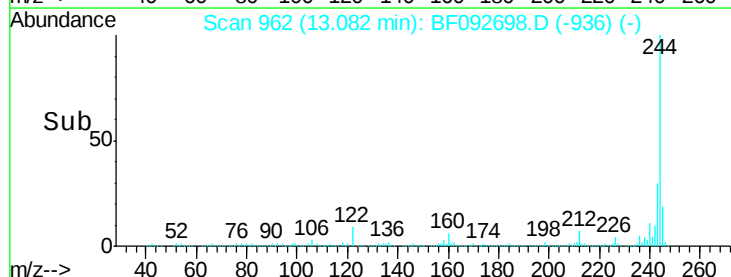
122 8.9 11.4 17.2#

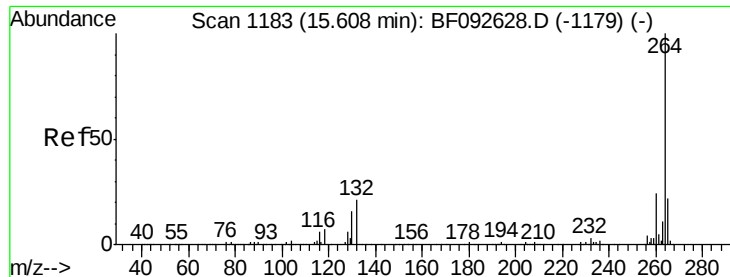


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

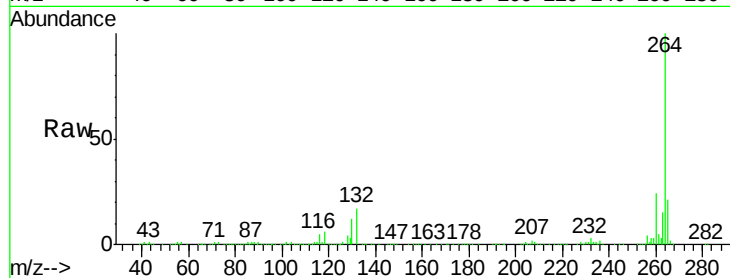




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF092698.D
Acq: 31 Jan 2017 23:08

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion: 264 Resp: 391926
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 21.2 17.4 26.0



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

