

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013117\
 Data File : BF092699.D
 Acq On : 31 Jan 2017 23:36
 Operator : SJ/MA
 Sample : I1596-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Time: Feb 01 00:23:24 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

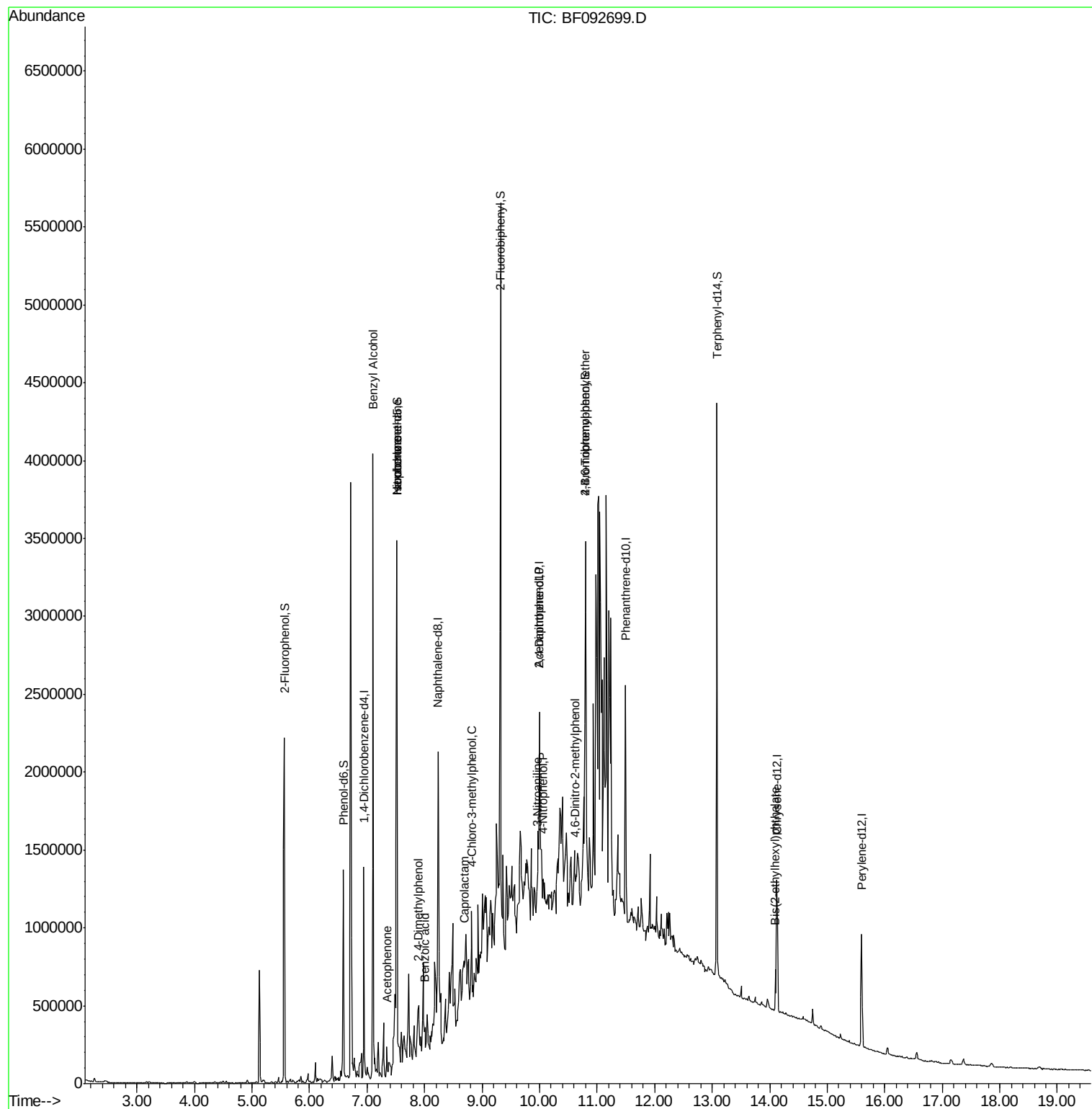
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	176032	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	686367	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	345050	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	543139	20.00	ng	0.00
75) Chrysene-d12	14.12	240	397969	20.00	ng	-0.02
86) Perylene-d12	15.60	264	331128	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	738322	71.96	ng	-0.01
7) Phenol-d6	6.59	99	622791	47.17	ng	-0.01
23) Nitrobenzene-d5	7.52	82	1120435	90.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	342070	137.07	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1724584	90.55	ng	-0.01
78) Terphenyl-d14	13.08	244	1362152	80.42	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.10	79	20767	2.12	ng	# 30
18) Hexachloroethane	7.52	117	127402	27.81	ng	# 6
22) Acetophenone	7.34	105	43934	2.80	ng	# 57
25) Isophorone	7.52	82	1066970	46.46	ng	# 65
27) 2,4-Dimethylphenol	7.89	122	24320	2.30	ng	# 88
32) Benzoic acid	8.01	122	6695	8.12	ng	# 27
35) Caprolactam	8.69	113	8838	2.85	ng	# 1
36) 4-Chloro-3-methylphenol	8.82	107	49156	4.78	ng	# 24
52) 3-Nitroaniline	9.96	138	19088	3.32	ng	# 13
53) 2,4-Dinitrophenol	10.00	184	2878	5.79	ng	# 1
55) 4-Nitrophenol	10.06	139	10250	2.48	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.62	198	2712	3.44	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	22517	3.97	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.10	149	74815	4.52	ng	# 99

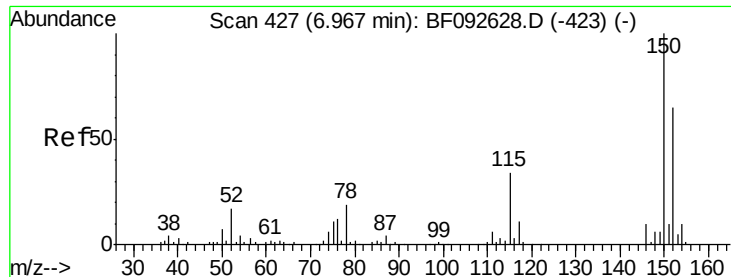
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092699.D

Acq: 31 Jan 2017 23:36

Instrument :

BNA_F

ClientSampleId :

MW-06

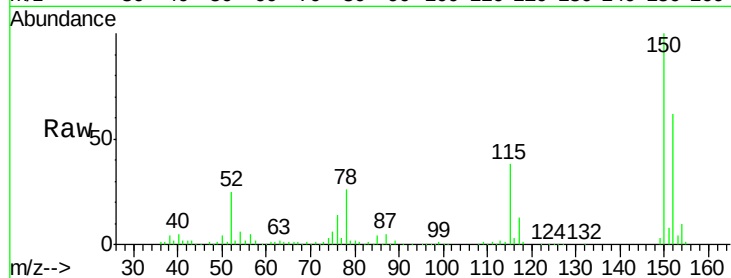
Tgt Ion:152 Resp: 176032

Ion Ratio Lower Upper

152 100

150 160.1 124.9 187.3

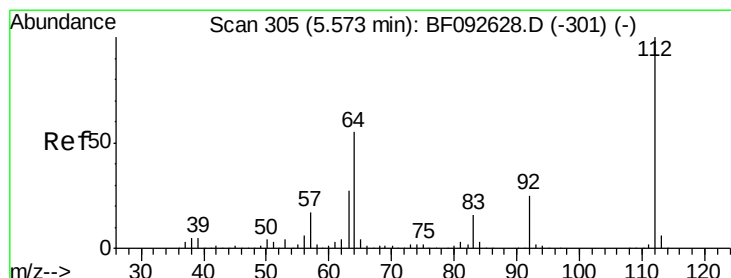
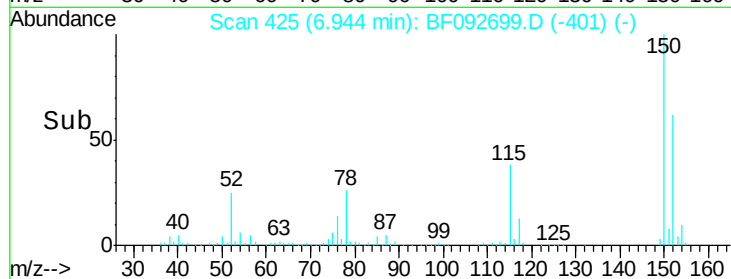
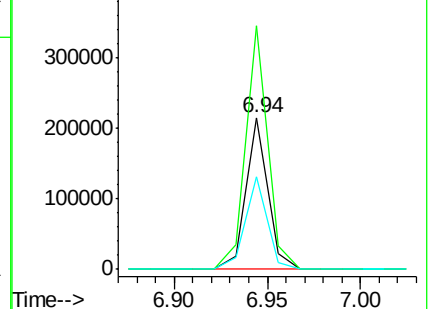
115 61.0 46.0 69.0



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: 71.96 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092699.D

Acq: 31 Jan 2017 23:36

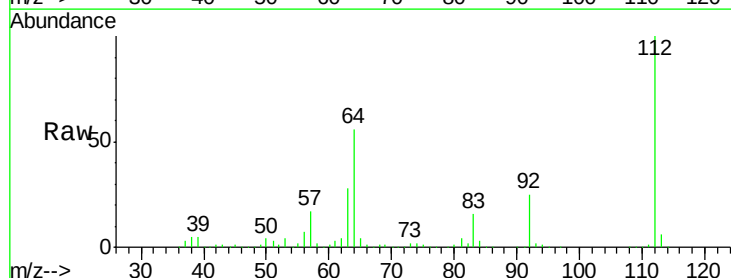
Tgt Ion:112 Resp: 738322

Ion Ratio Lower Upper

112 100

64 56.0 46.1 69.1

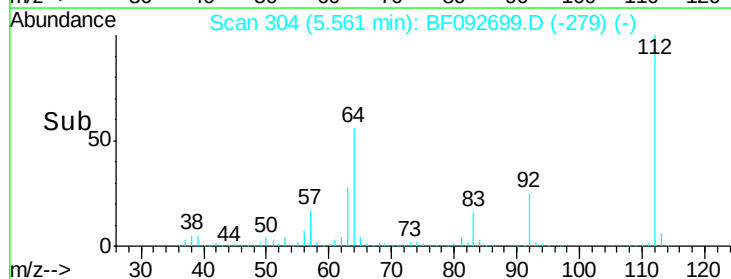
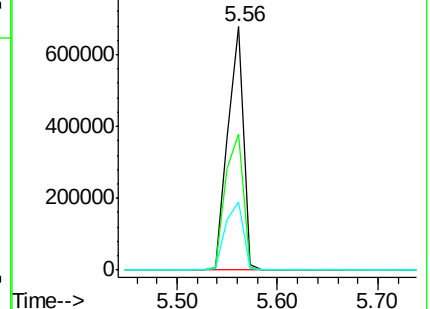
63 28.1 23.8 35.6

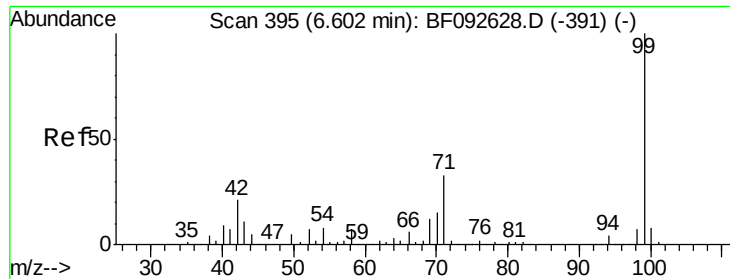


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 47.17 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092699.D

Acq: 31 Jan 2017 23:36

Instrument :

BNA_F

ClientSampleId :

MW-06

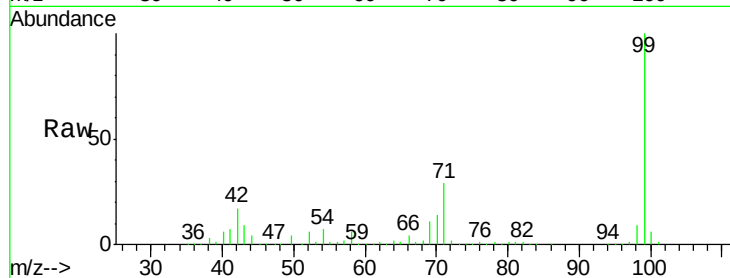
Tgt Ion: 99 Resp: 622791

Ion Ratio Lower Upper

99 100

42 16.7 15.6 23.4

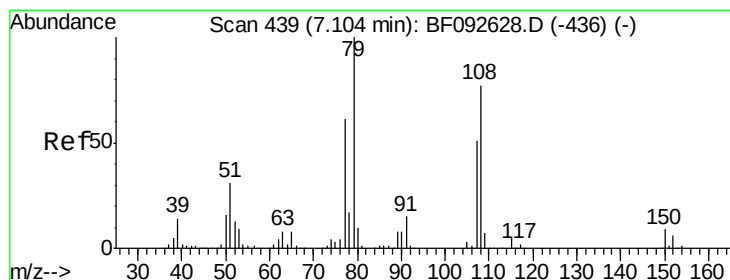
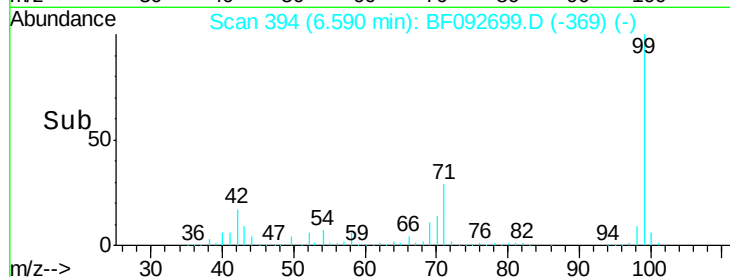
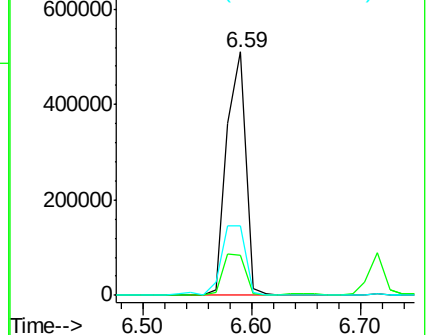
71 28.7 27.5 41.3



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: 2.12 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF092699.D

Acq: 31 Jan 2017 23:36

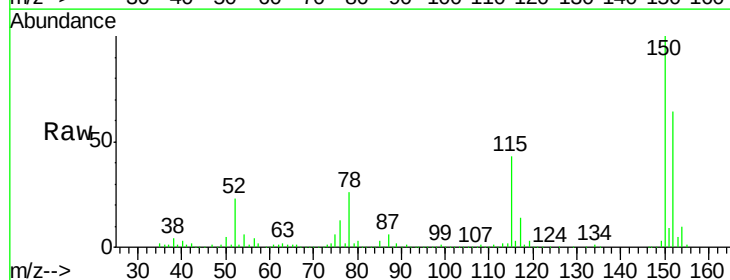
Tgt Ion: 79 Resp: 20767

Ion Ratio Lower Upper

79 100

108 26.9 61.4 92.0#

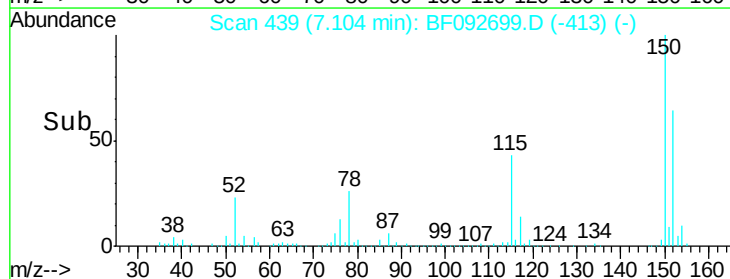
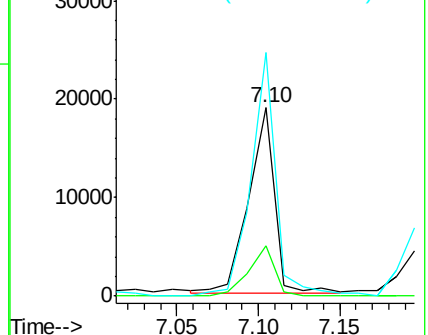
77 129.2 50.9 76.3#

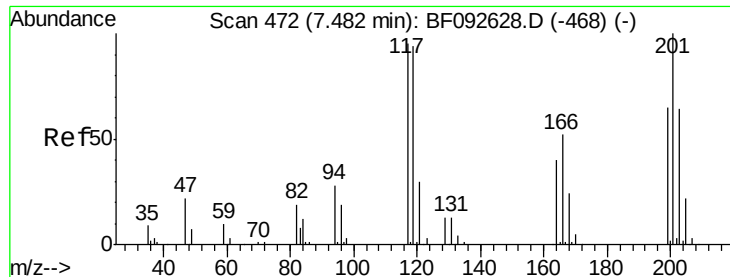


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

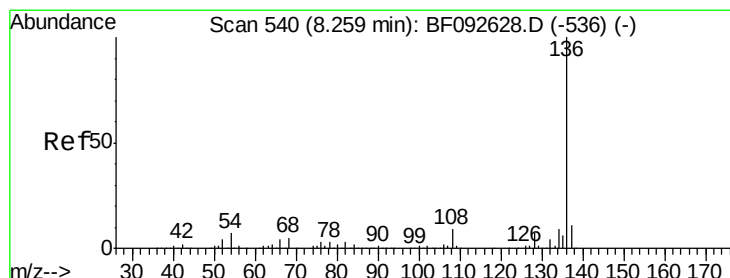
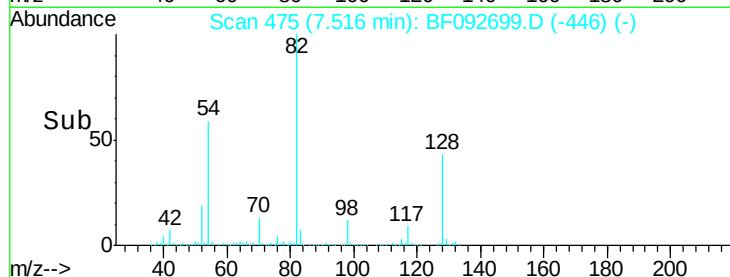
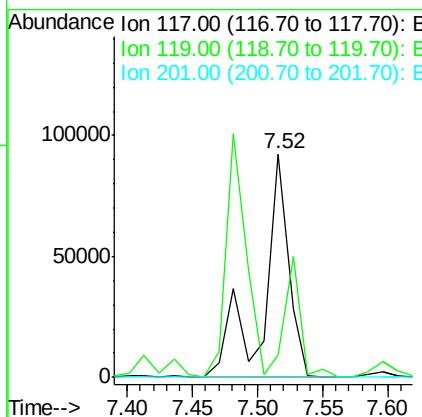
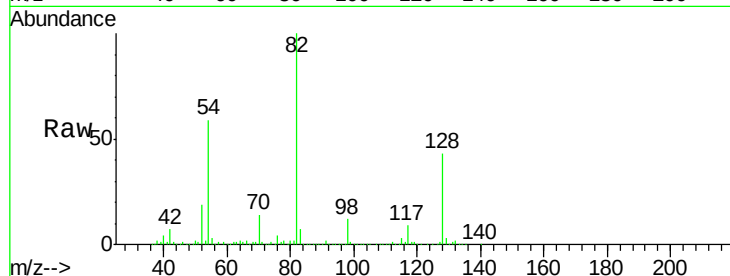




#18
Hexachloroethane
Concen: 27.81 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.03 min
Lab File: BF092699.D
Acq: 31 Jan 2017 23:36

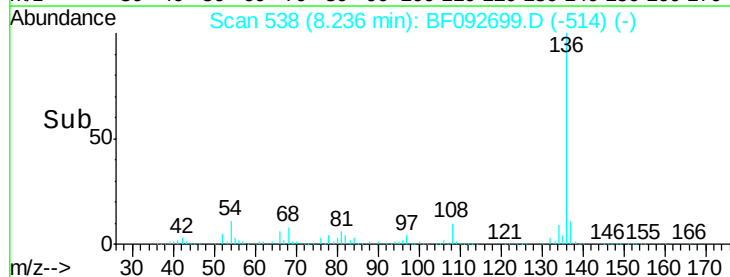
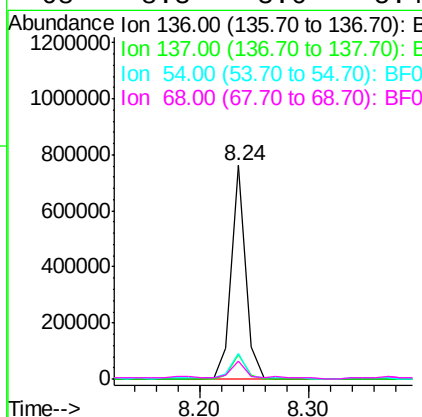
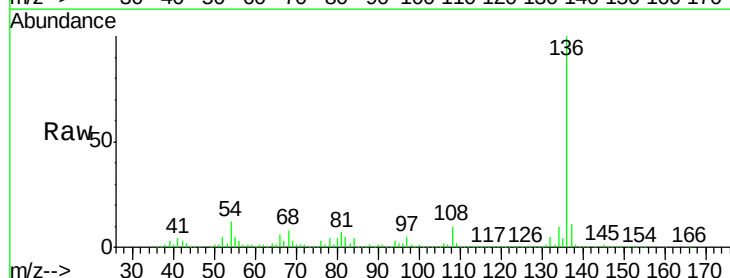
Instrument :
BNA_F
ClientSampleId :
MW-06

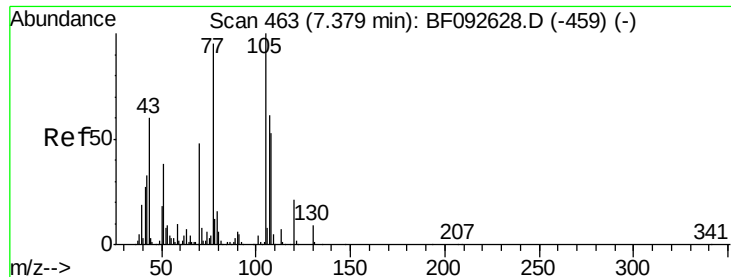
Tgt Ion:117 Resp: 127402
Ion Ratio Lower Upper
117 100
119 9.9 78.1 117.1#
201 0.0 78.6 117.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092699.D
Acq: 31 Jan 2017 23:36

Tgt Ion:136 Resp: 686367
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 11.8 4.5 6.7#
68 8.3 3.6 5.4#

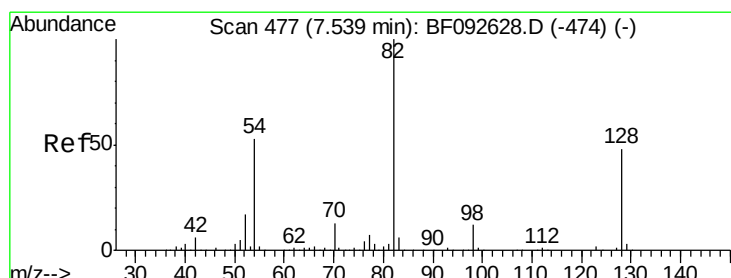
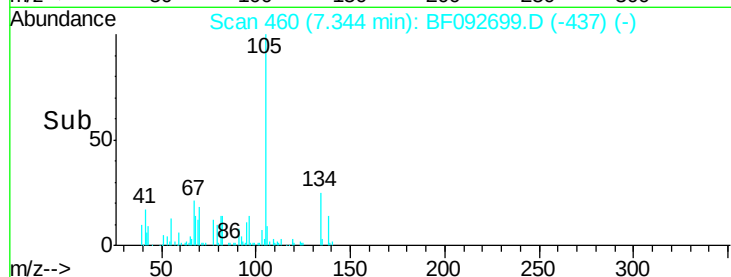
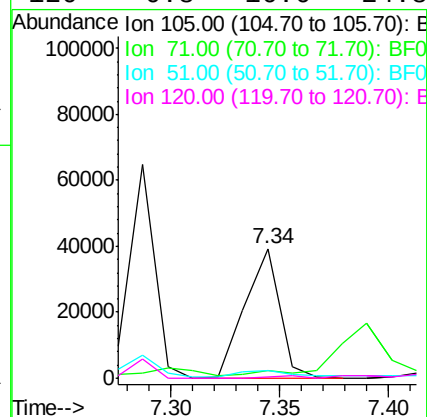
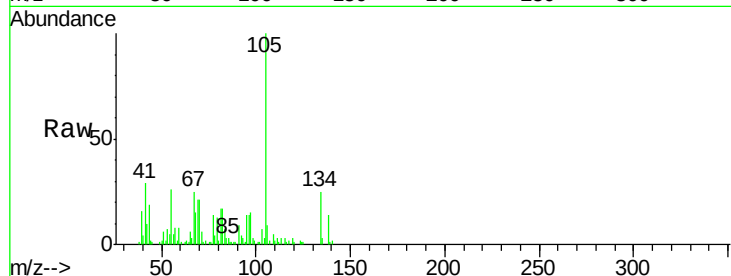




#22
Acetophenone
Concen: 2.80 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.03 min
Lab File: BF092699.D
Acq: 31 Jan 2017 23:36

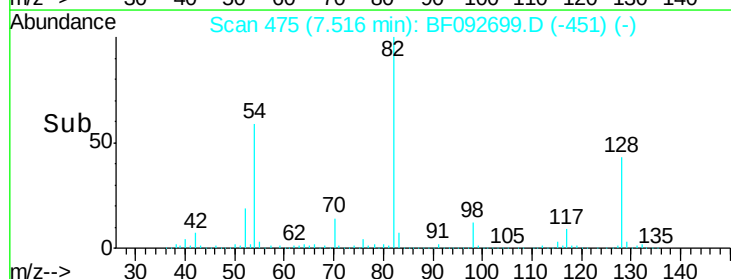
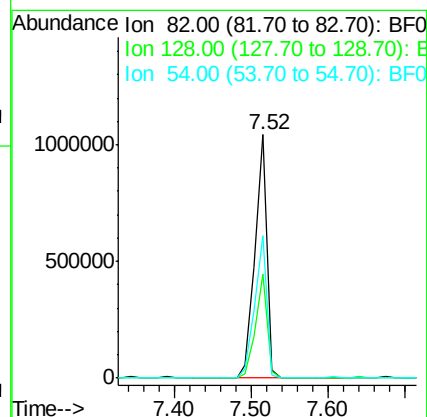
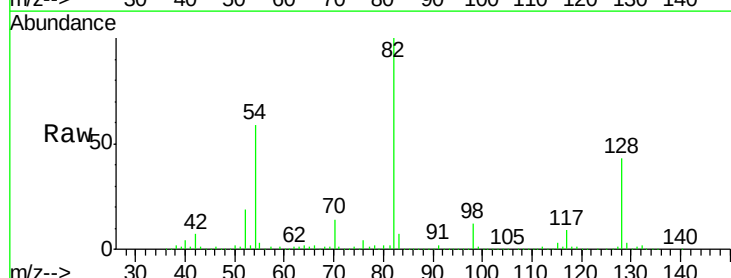
Instrument :
BNA_F
ClientSampled :
MW-06

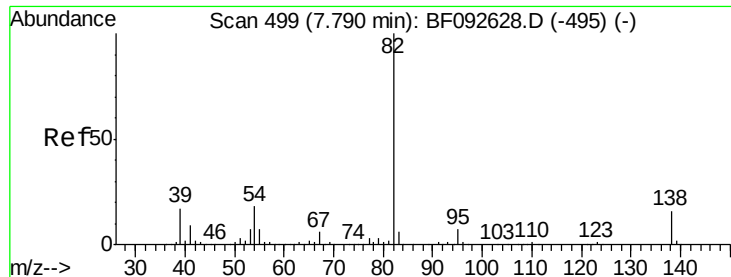
Tgt Ion:105 Resp: 43934
Ion Ratio Lower Upper
105 100
71 6.0 3.2 4.8#
51 6.3 26.2 39.4#
120 0.8 16.6 24.8#



#23
Nitrobenzene-d5
Concen: 90.90 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF092699.D
Acq: 31 Jan 2017 23:36

Tgt Ion: 82 Resp: 1120435
Ion Ratio Lower Upper
82 100
128 42.9 34.6 52.0
54 58.6 39.5 59.3

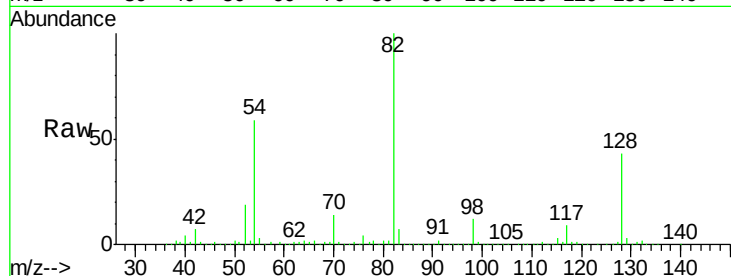




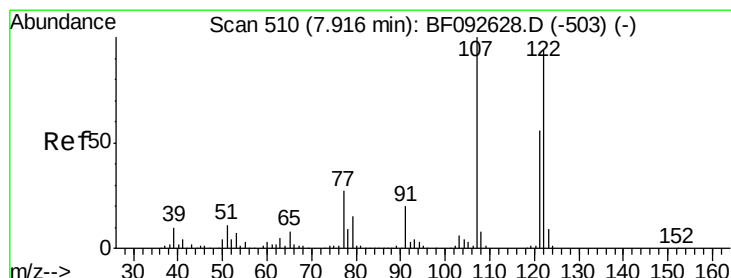
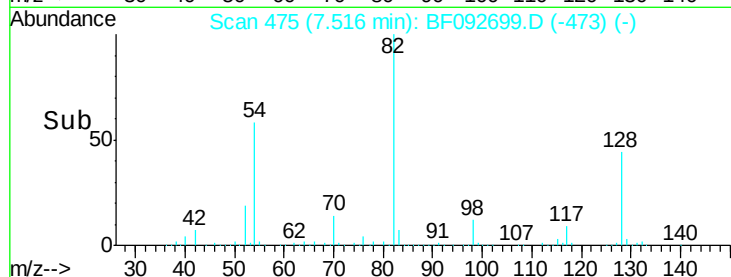
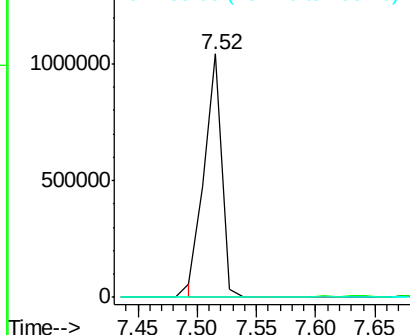
#25
Isophorone
Concen: 46.46 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.27 min
Lab File: BF092699.D
Acq: 31 Jan 2017 23:36

Instrument :
BNA_F
ClientSampleId :
MW-06

Tgt Ion: 82 Resp: 1066970
Ion Ratio Lower Upper
82 100
95 0.2 5.6 8.4#
138 0.0 14.6 22.0#

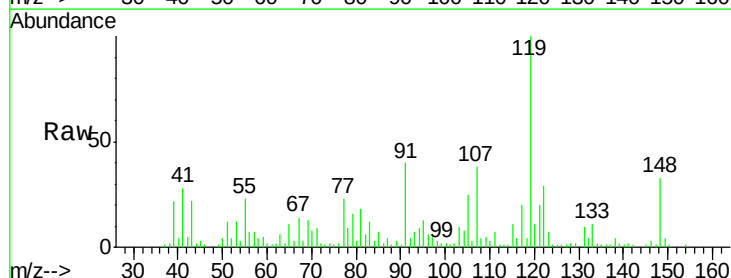


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E

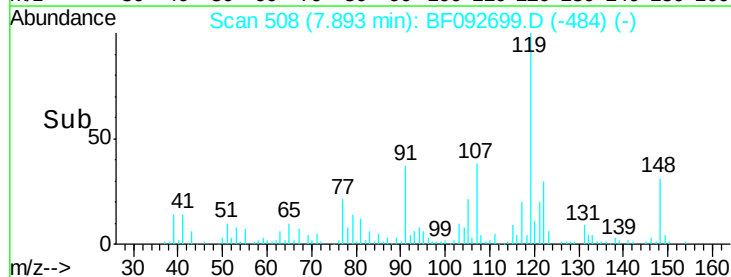
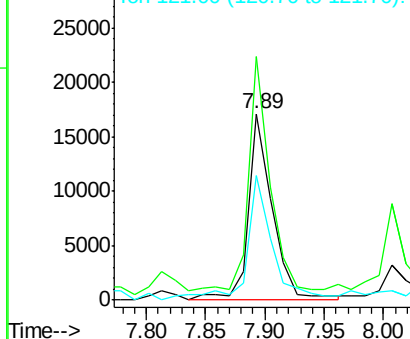


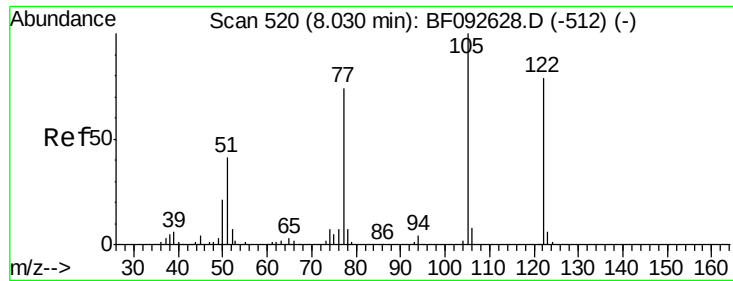
#27
2,4-Dimethylphenol
Concen: 2.30 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF092699.D
Acq: 31 Jan 2017 23:36

Tgt Ion: 122 Resp: 24320
Ion Ratio Lower Upper
122 100
107 130.5 94.1 141.1
121 66.7 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: 8.12 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF092699.D

Acq: 31 Jan 2017 23:36

Instrument :

BNA_F

ClientSampleId :

MW-06

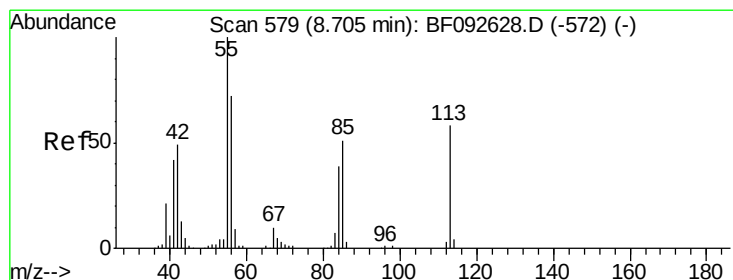
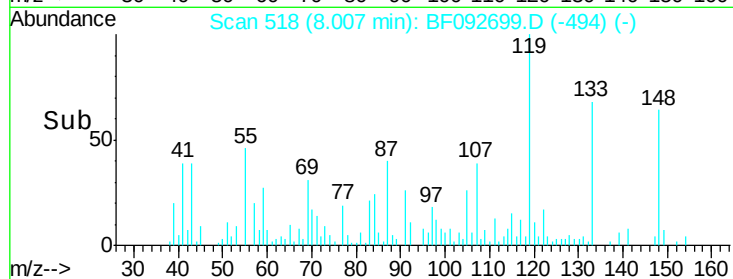
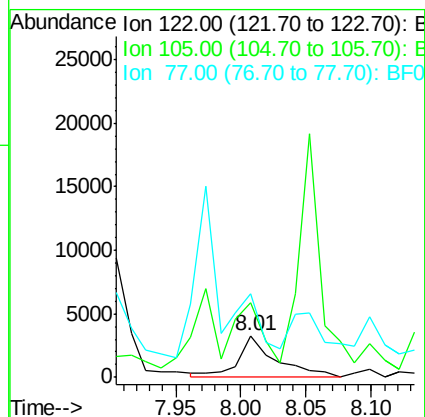
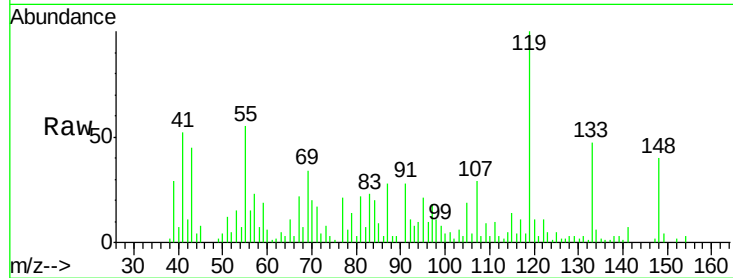
Tgt Ion:122 Resp: 6695

Ion Ratio Lower Upper

122 100

105 179.6 107.2 147.2#

77 200.0 74.5 114.5#



#35

Caprolactam

Concen: 2.85 ng

RT: 8.69 min Scan# 578

Delta R.T. -0.01 min

Lab File: BF092699.D

Acq: 31 Jan 2017 23:36

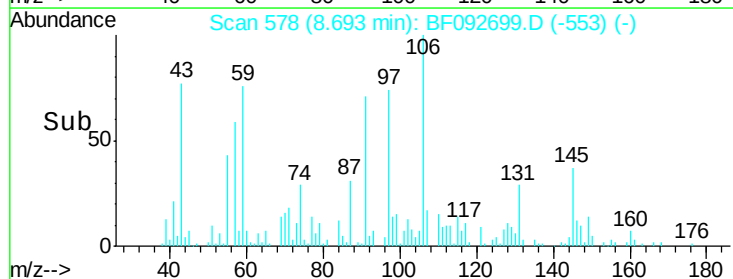
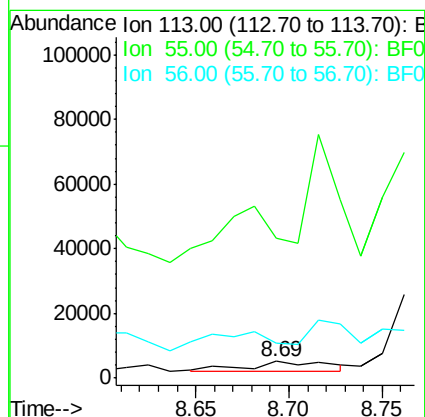
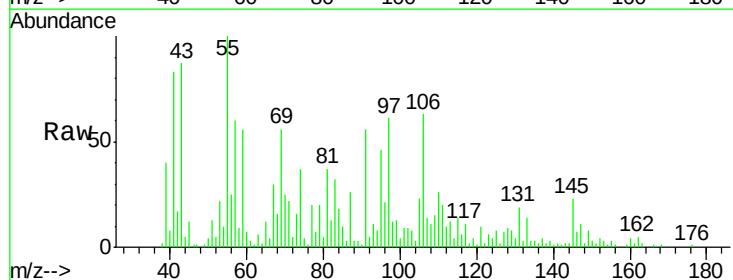
Tgt Ion:113 Resp: 8838

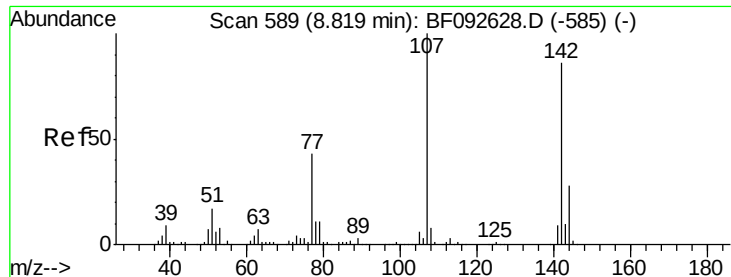
Ion Ratio Lower Upper

113 100

55 835.7 119.2 159.2#

56 210.6 83.8 123.8#

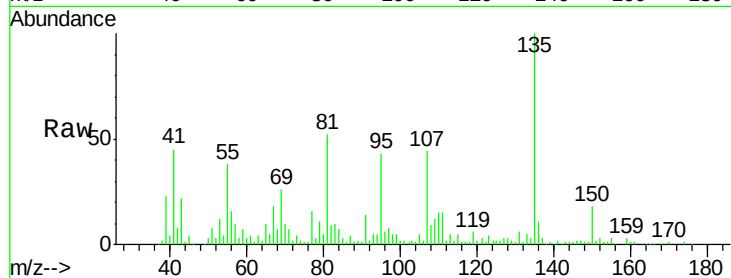




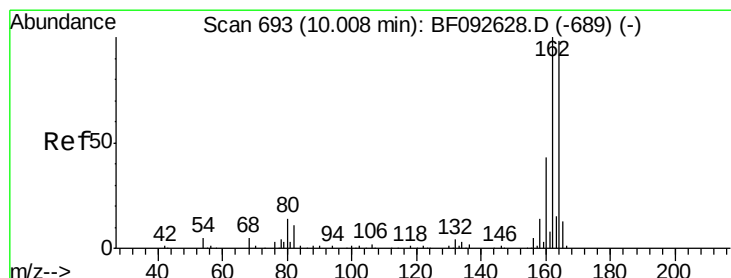
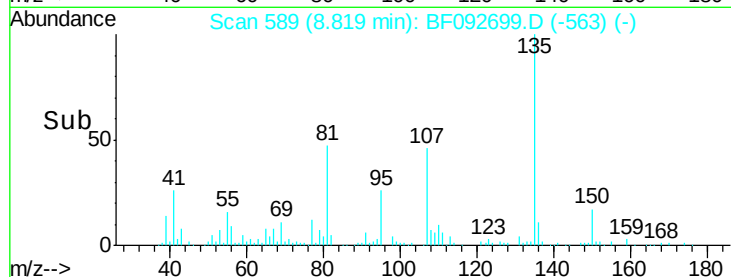
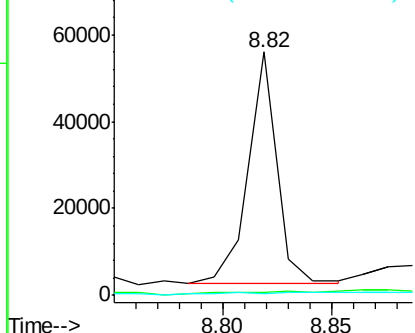
#36
 4-Chloro-3-methylphenol
 Concen: 4.78 ng
 RT: 8.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF092699.D
 Acq: 31 Jan 2017 23:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Tgt Ion:107 Resp: 49156
 Ion Ratio Lower Upper
 107 100
 144 1.4 19.3 28.9#
 142 0.8 59.0 88.6#

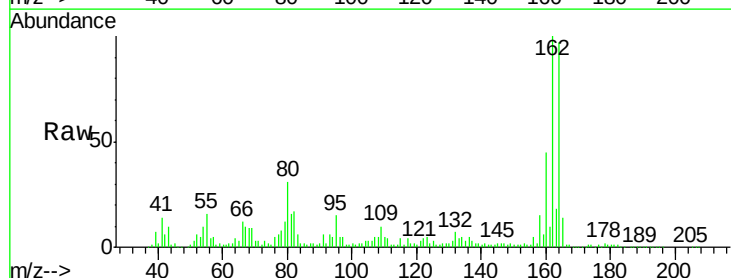


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

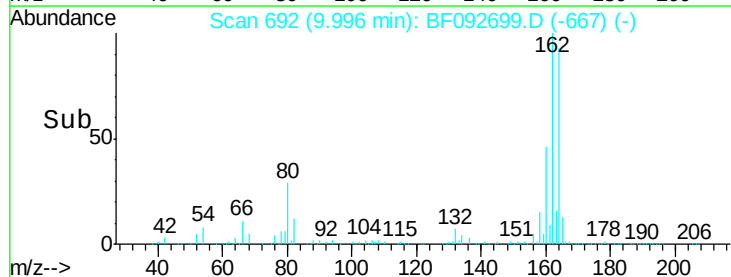
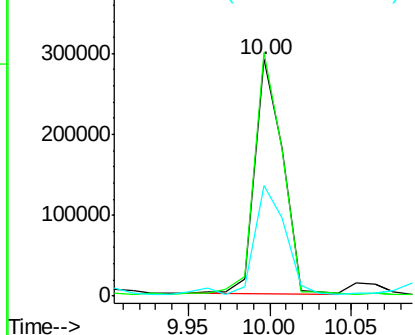


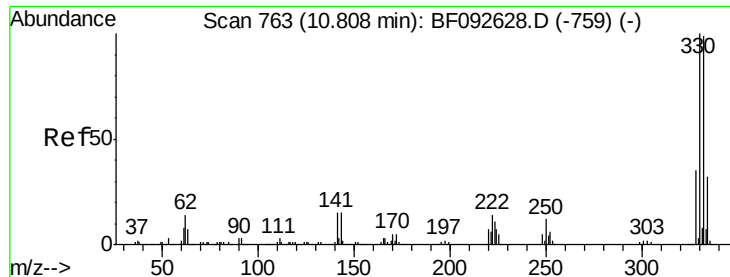
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF092699.D
 Acq: 31 Jan 2017 23:36

Tgt Ion:164 Resp: 345050
 Ion Ratio Lower Upper
 164 100
 162 102.7 80.2 120.2
 160 46.7 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

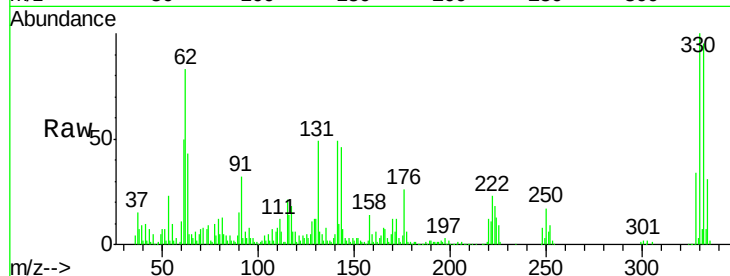




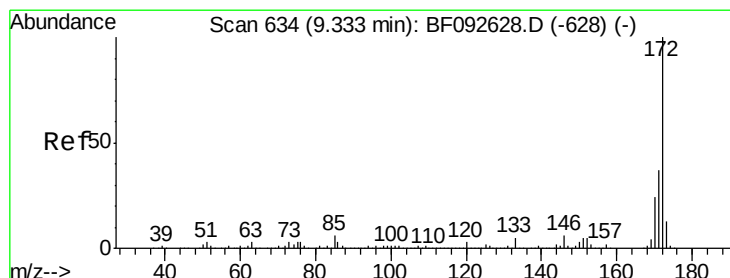
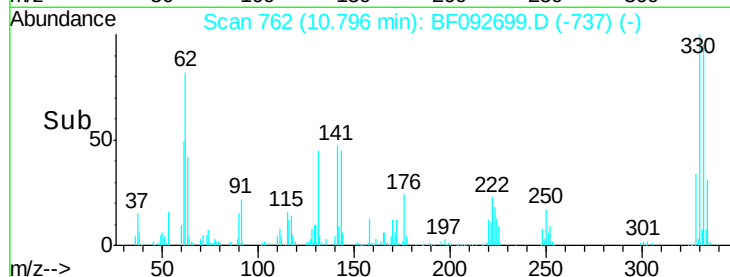
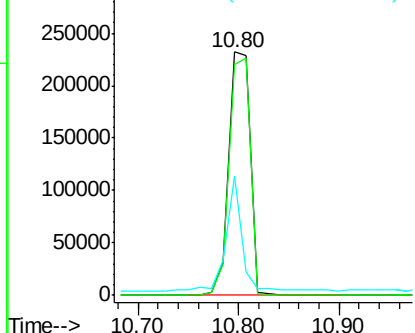
#41
 2,4,6-Tribromophenol
 Concen: 137.07 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092699.D
 Acq: 31 Jan 2017 23:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Tgt Ion:330 Resp: 342070
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 35.9 34.1 51.1

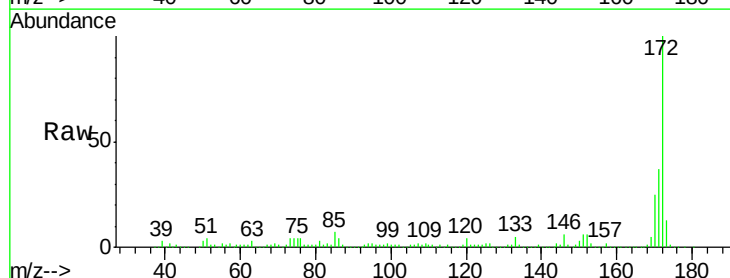


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

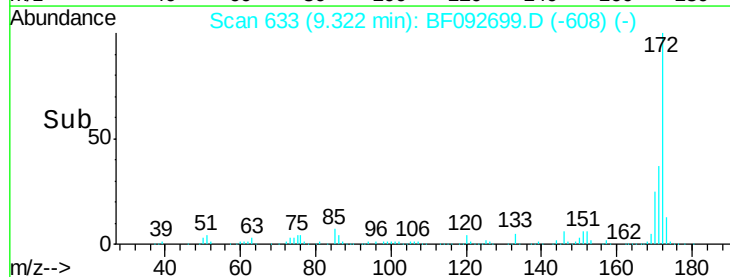
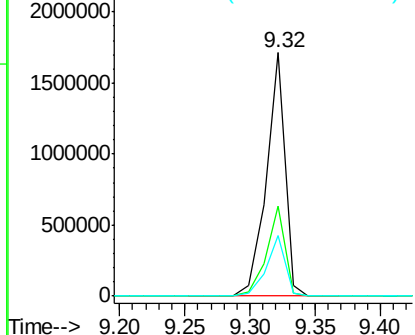


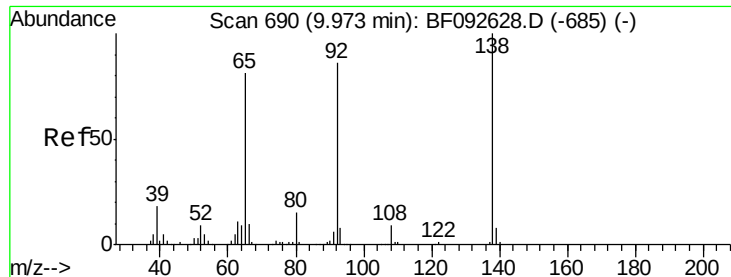
#44
 2-Fluorobiphenyl
 Concen: 90.55 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092699.D
 Acq: 31 Jan 2017 23:36

Tgt Ion:172 Resp: 1724584
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 24.7 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

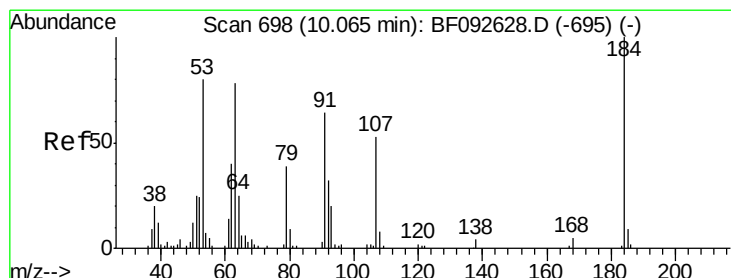
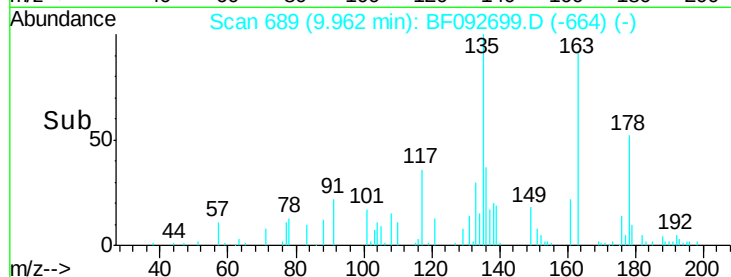
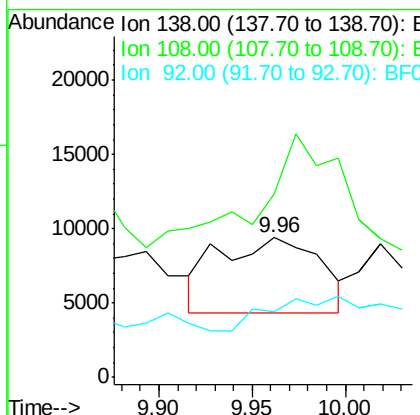
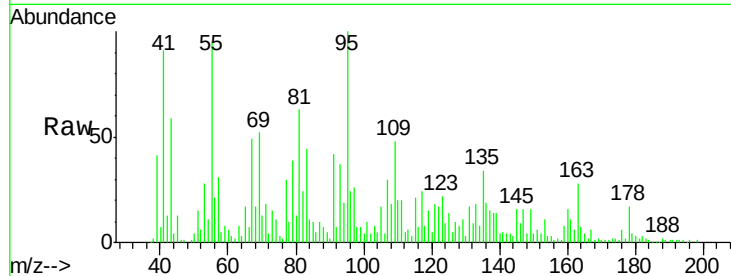




#52
 3-Nitroaniline
 Concen: 3.32 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: BF092699.D
 Acq: 31 Jan 2017 23:36

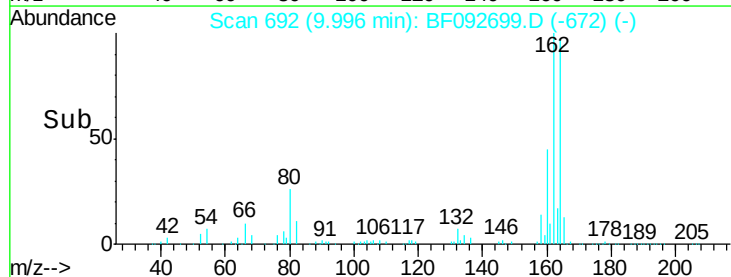
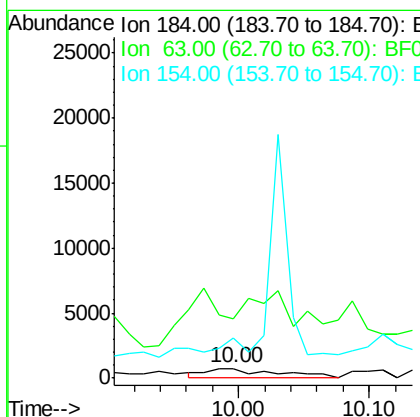
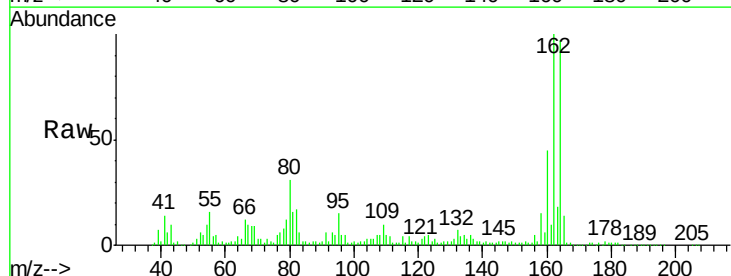
Instrument :
 BNA_F
 ClientSampleId :
 MW-06

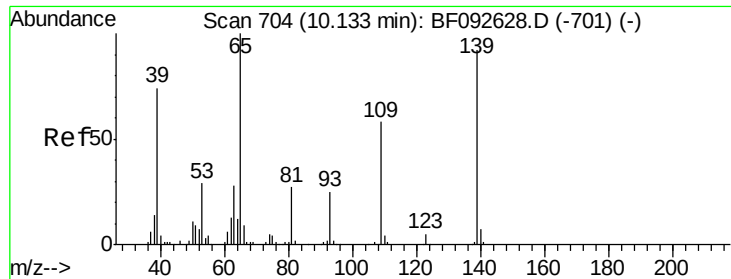
Tgt Ion:138 Resp: 19088
 Ion Ratio Lower Upper
 138 100
 108 131.6 8.5 12.7#
 92 47.1 97.8 146.8#



#53
 2,4-Dinitrophenol
 Concen: 5.79 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.07 min
 Lab File: BF092699.D
 Acq: 31 Jan 2017 23:36

Tgt Ion:184 Resp: 2878
 Ion Ratio Lower Upper
 184 100
 63 618.4 28.4 42.6#
 154 413.1 44.3 66.5#

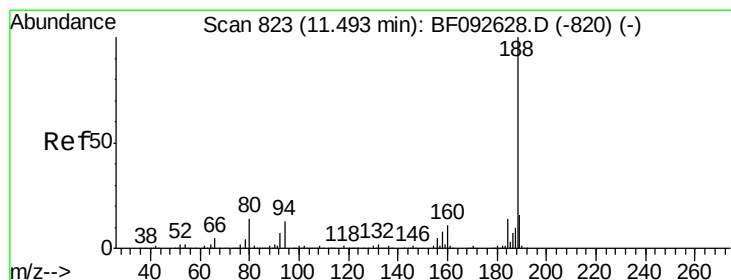
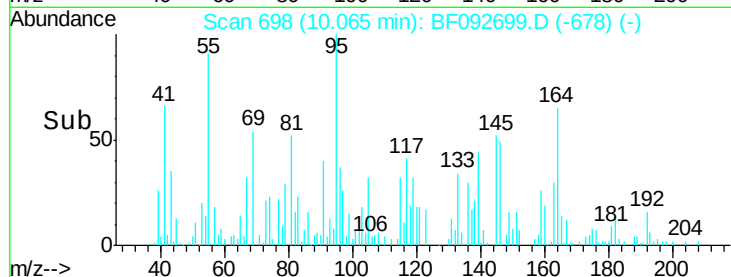
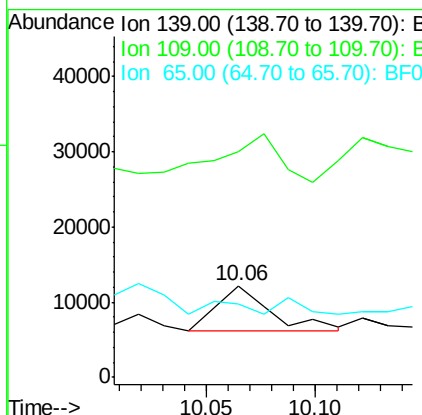
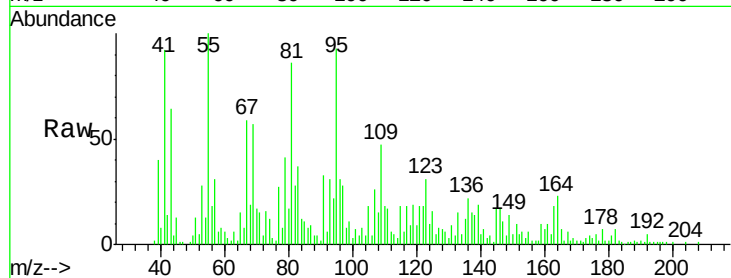




#55
4-Nitrophenol
Concen: 2.48 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.07 min
Lab File: BF092699.D
Acq: 31 Jan 2017 23:36

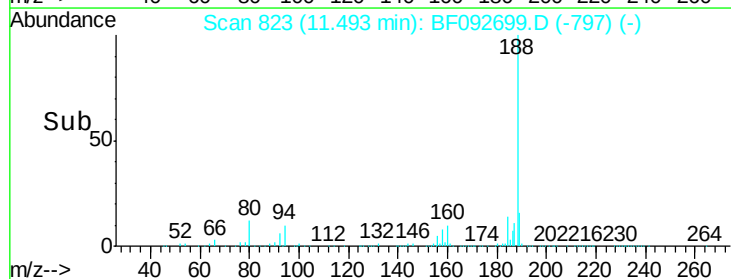
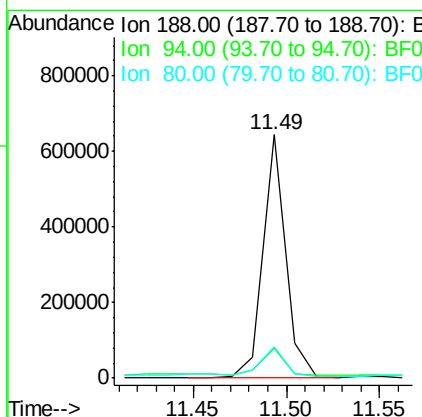
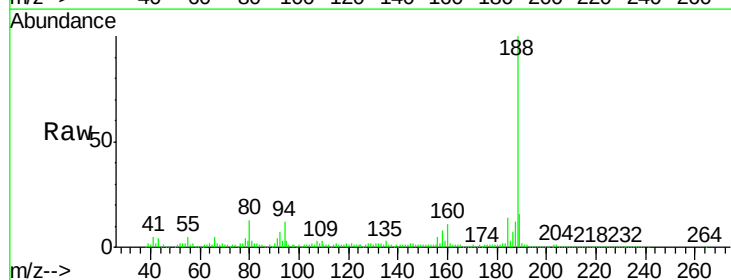
Instrument :
BNA_F
ClientSampleId :
MW-06

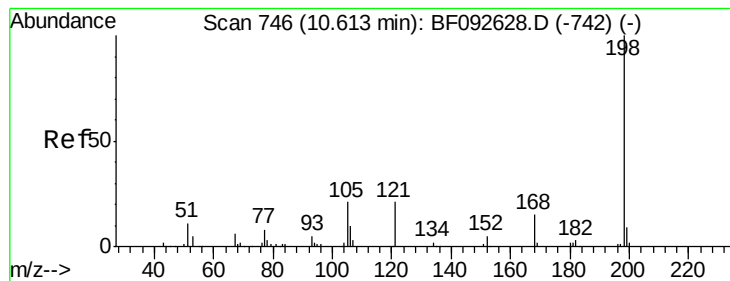
Tgt Ion:139 Resp: 10250
Ion Ratio Lower Upper
139 100
109 247.6 52.2 92.2#
65 80.8 85.8 125.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF092699.D
Acq: 31 Jan 2017 23:36

Tgt Ion:188 Resp: 543139
Ion Ratio Lower Upper
188 100
94 12.5 10.0 15.0
80 12.7 11.2 16.8





#64

4,6-Dinitro-2-methylphenol

Concen: 3.44 ng

RT: 10.62 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF092699.D

Acq: 31 Jan 2017 23:36

Instrument :

BNA_F

ClientSampleId :

MW-06

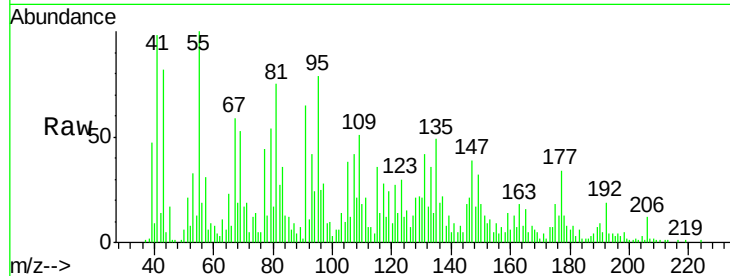
Tgt Ion:198 Resp: 2712

Ion Ratio Lower Upper

198 100

51 404.3 6.7 46.7#

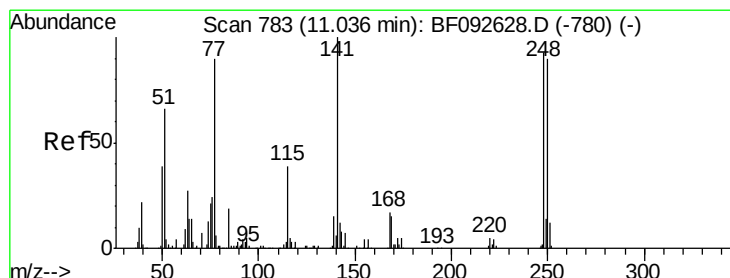
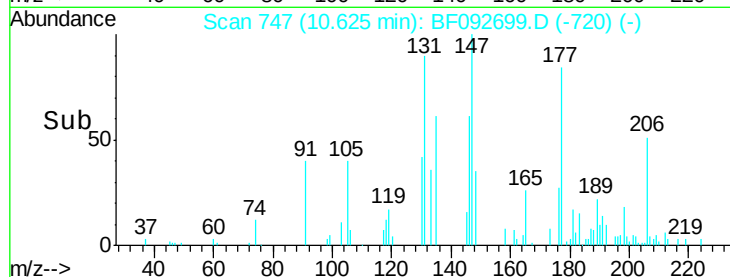
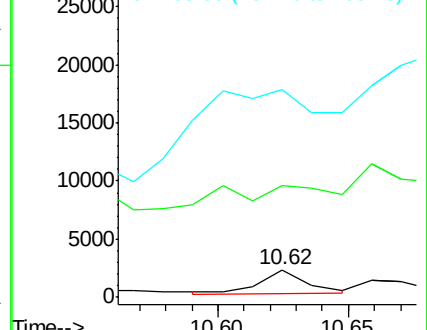
105 753.7 16.6 56.6#



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: 3.97 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.24 min

Lab File: BF092699.D

Acq: 31 Jan 2017 23:36

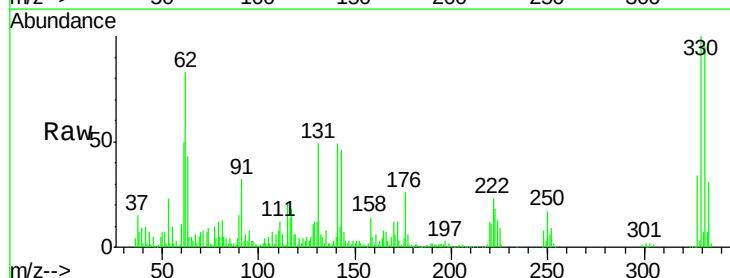
Tgt Ion:248 Resp: 22517

Ion Ratio Lower Upper

248 100

250 209.3 76.9 115.3#

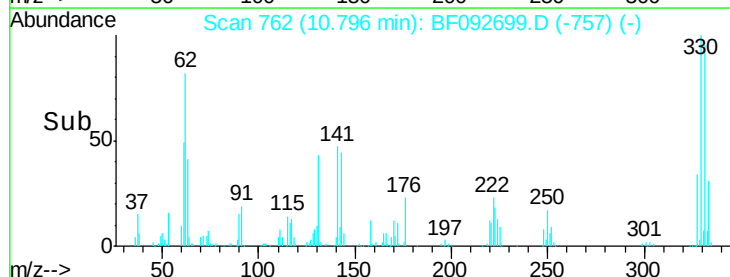
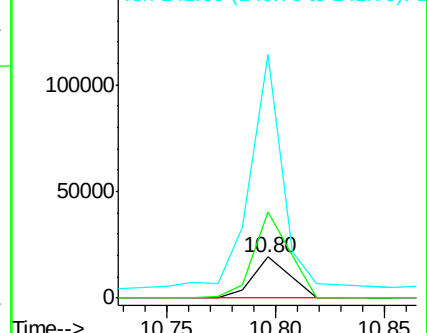
141 595.3 68.2 102.4#

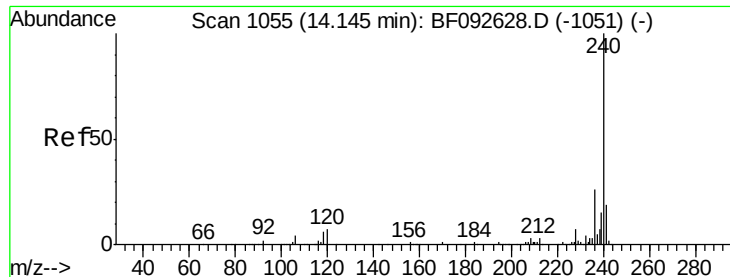


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF092699.D

Acq: 31 Jan 2017 23:36

Instrument :

BNA_F

ClientSampleId :

MW-06

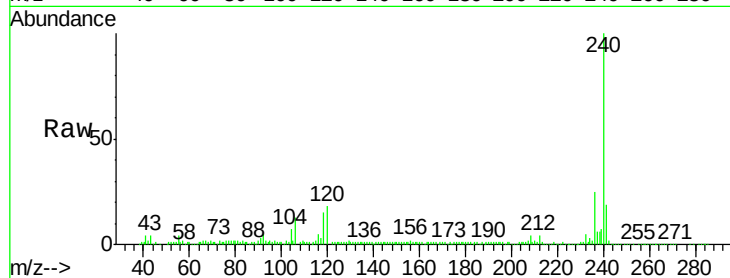
Tgt Ion:240 Resp: 397969

Ion Ratio Lower Upper

240 100

120 18.3 12.9 19.3

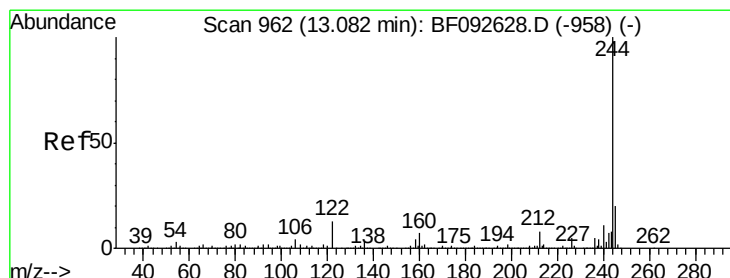
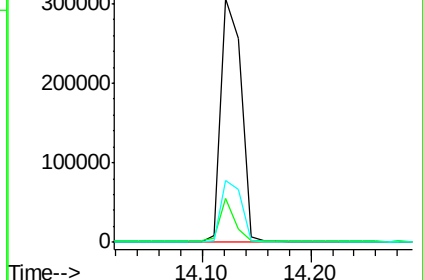
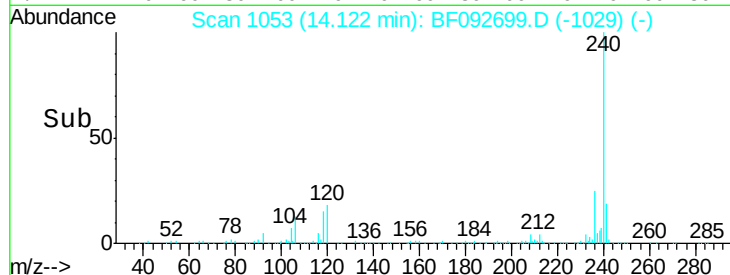
236 25.5 20.9 31.3



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: 80.42 ng

RT: 13.08 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF092699.D

Acq: 31 Jan 2017 23:36

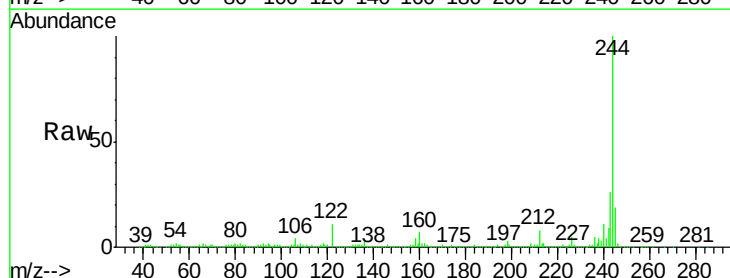
Tgt Ion:244 Resp: 1362152

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

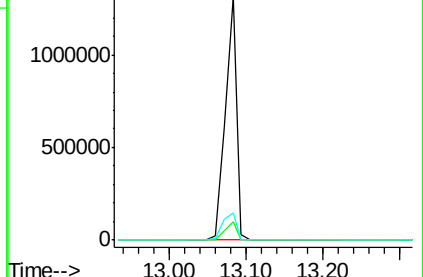
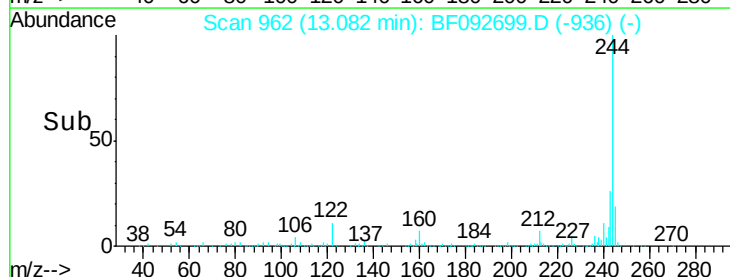
122 11.1 11.4 17.2#

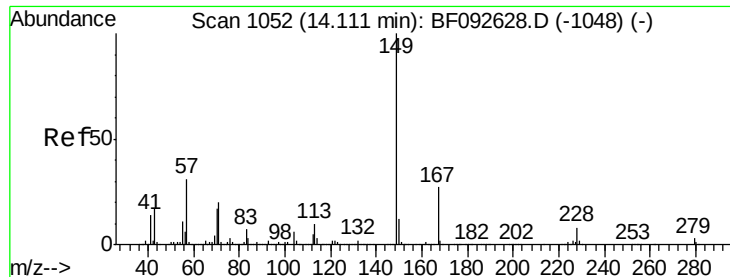


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.52 ng

RT: 14.10 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF092699.D

Acq: 31 Jan 2017 23:36

Instrument :

BNA_F

ClientSampleId :

MW-06

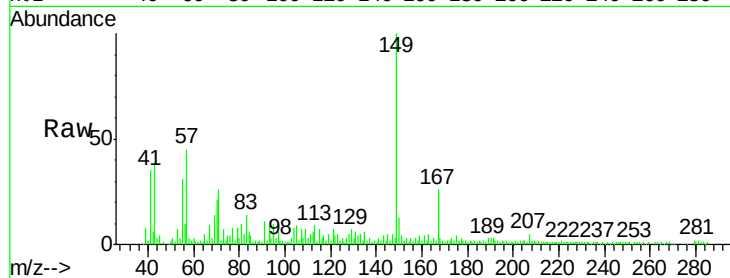
Tgt Ion:149 Resp: 74815

Ion Ratio Lower Upper

149 100

167 25.7 20.2 30.4

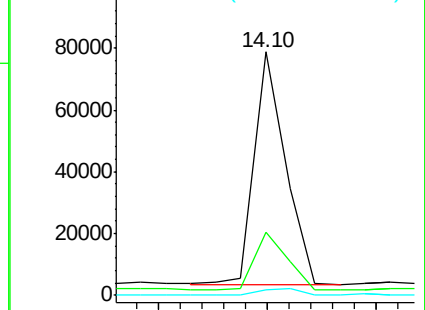
279 2.3 1.8 2.8



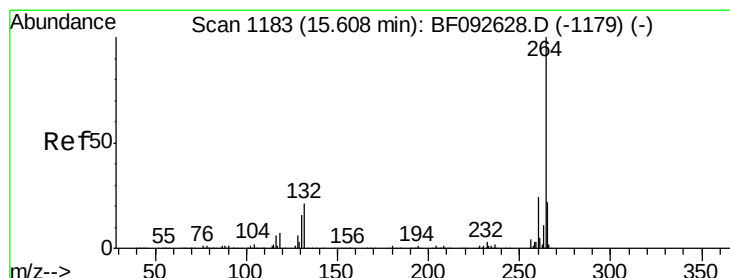
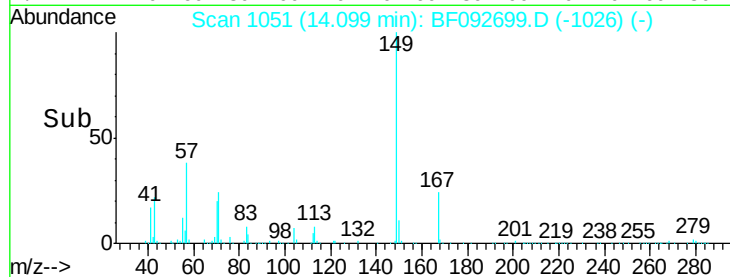
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.60 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF092699.D

Acq: 31 Jan 2017 23:36

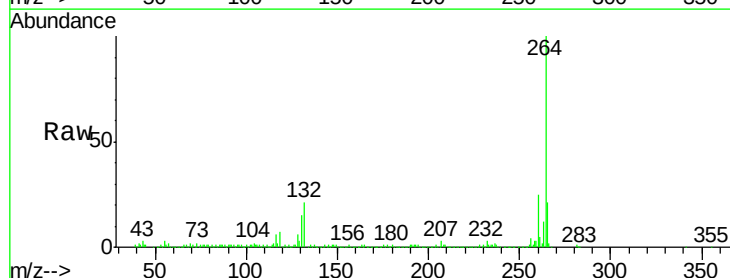
Tgt Ion:264 Resp: 331128

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

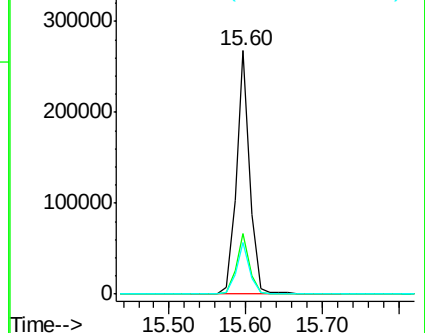
265 21.3 17.4 26.0



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



Time-->

