

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
 Data File : BF092788.D
 Acq On : 3 Feb 2017 21:11
 Operator : SJ/MA
 Sample : I1666-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GPW-08

Quant Time: Feb 03 22:14:47 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

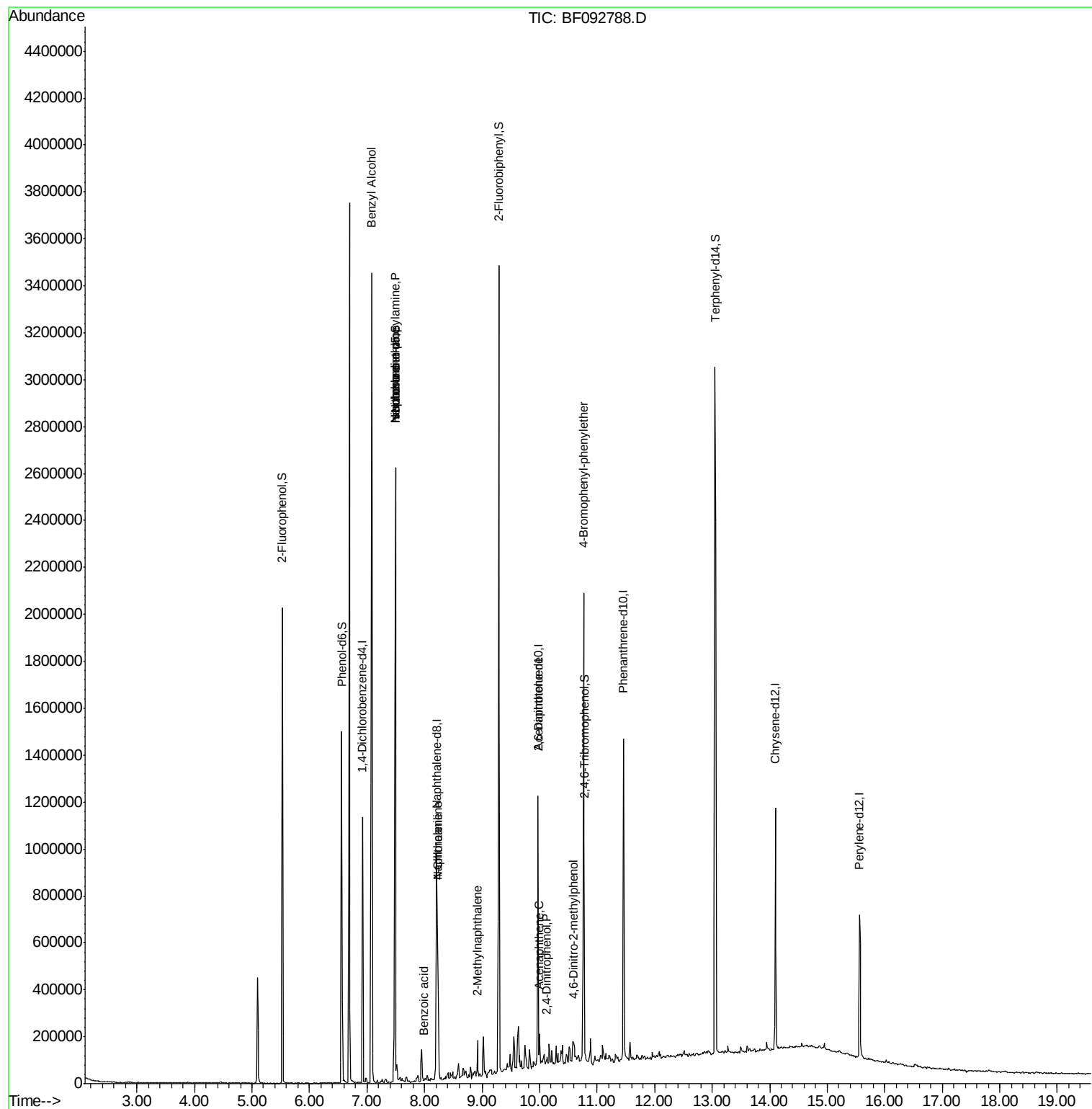
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	149389	20.00	ng	-0.05
21) Naphthalene-d8	8.21	136	578146	20.00	ng	-0.05
38) Acenaphthene-d10	9.97	164	289380	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	482980	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	400256	20.00	ng	-0.05
86) Perylene-d12	15.56	264	323549	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	508253	58.37	ng	-0.04
7) Phenol-d6	6.56	99	464882	41.49	ng	-0.05
23) Nitrobenzene-d5	7.49	82	1041200	100.29	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	305441	145.94	ng	-0.03
44) 2-Fluorobiphenyl	9.29	172	1399172	87.60	ng	-0.05
78) Terphenyl-d14	13.05	244	1351008	79.31	ng	-0.03
Target Compounds						Qvalue
15) Benzyl Alcohol	7.08	79	16699	2.01	ng	# 38
18) Hexachloroethane	7.49	117	11983	3.08	ng	# 7
19) n-Nitroso-di-n-propylamine	7.49	70	141340	19.82	ng	# 77
25) Isophorone	7.49	82	991366	51.24	ng	# 65
31) Naphthalene	8.22	128	337113	11.50	ng	# 99
32) Benzoic acid	8.00	122	643	7.27	ng	# 26
33) 4-Chloroaniline	8.22	127	44169	3.84	ng	# 28
37) 2-Methylnaphthalene	8.92	142	41782	2.22	ng	# 98
50) 2,6-Dinitrotoluene	9.97	165	39555	9.40	ng	# 32
51) Acenaphthene	10.00	154	38720	2.29	ng	# 94
53) 2,4-Dinitrophenol	10.12	184	283	4.86	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.59	198	236	2.74	ng	# 1
66) 4-Bromophenyl-phenylether	10.76	248	20731	4.11	ng	# 1

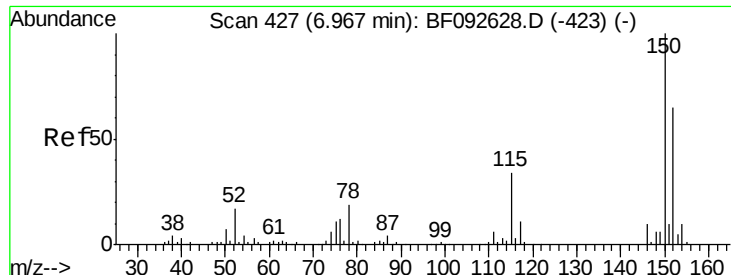
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.05 min

Lab File: BF092788.D

Acq: 3 Feb 2017 21:11

Instrument :

BNA_F

ClientSampleId :

GPW-08

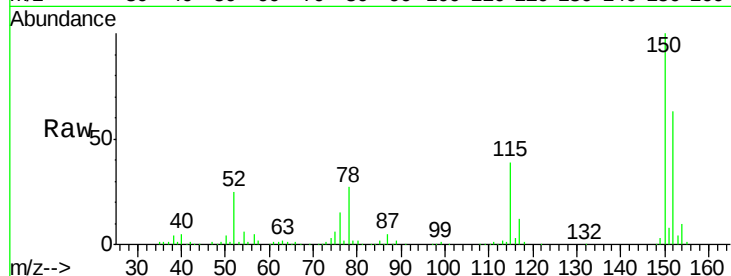
Tgt Ion:152 Resp: 149389

Ion Ratio Lower Upper

152 100

150 158.3 124.9 187.3

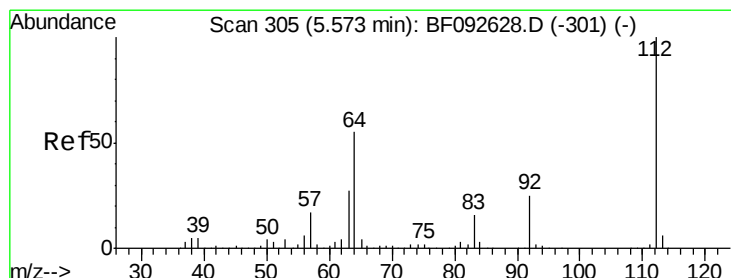
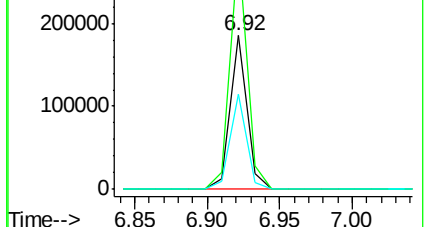
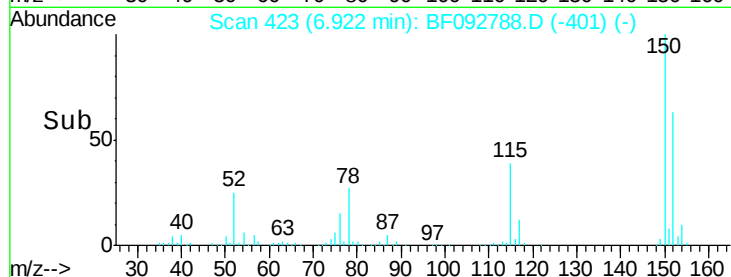
115 61.9 46.0 69.0



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: 58.37 ng

RT: 5.53 min Scan# 301

Delta R.T. -0.04 min

Lab File: BF092788.D

Acq: 3 Feb 2017 21:11

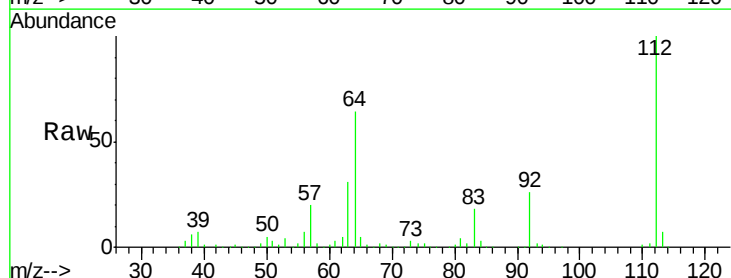
Tgt Ion:112 Resp: 508253

Ion Ratio Lower Upper

112 100

64 64.1 46.1 69.1

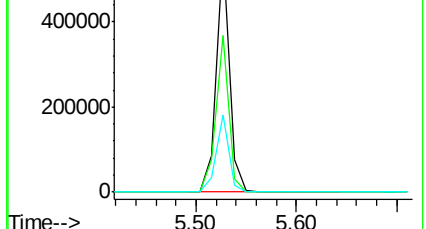
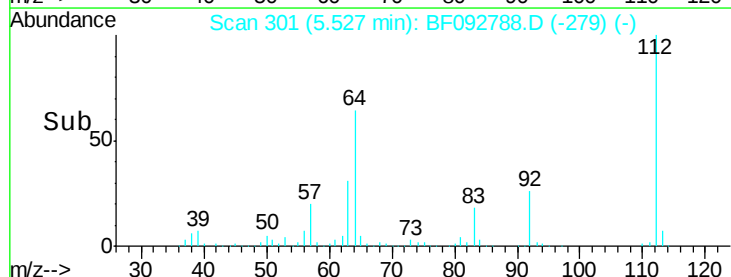
63 31.5 23.8 35.6



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: 41.49 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.05 min

Lab File: BF092788.D

Acq: 3 Feb 2017 21:11

Instrument :

BNA_F

ClientSampleId :

GPW-08

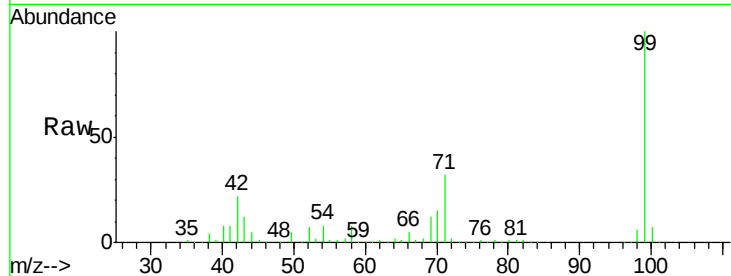
Tgt Ion: 99 Resp: 464882

Ion Ratio Lower Upper

99 100

42 22.1 15.6 23.4

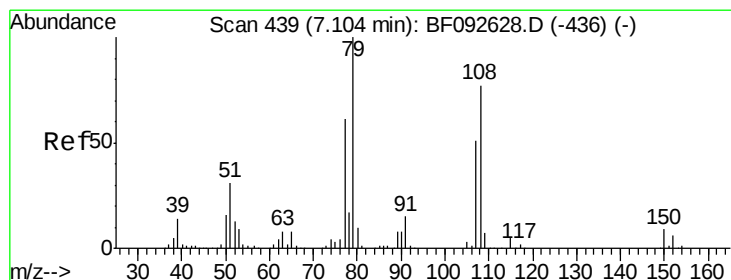
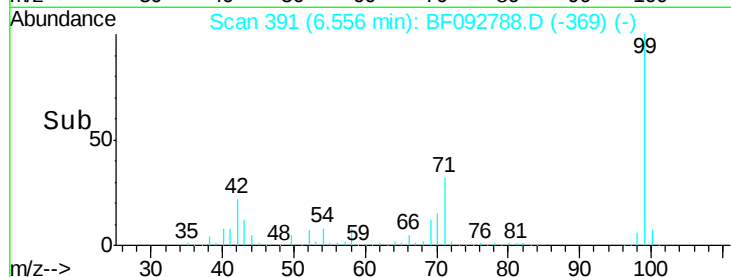
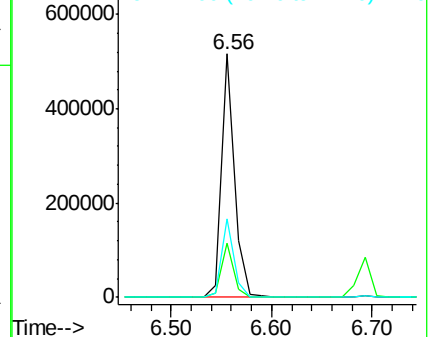
71 32.4 27.5 41.3



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: 2.01 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF092788.D

Acq: 3 Feb 2017 21:11

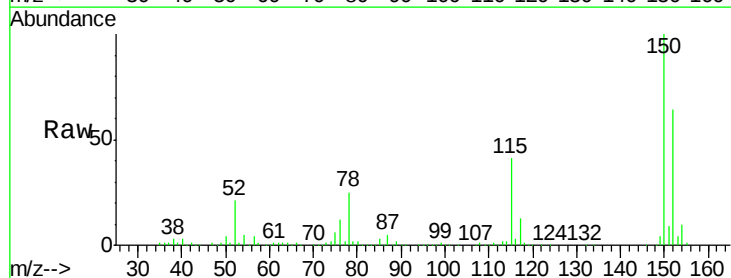
Tgt Ion: 79 Resp: 16699

Ion Ratio Lower Upper

79 100

108 30.9 61.4 92.0#

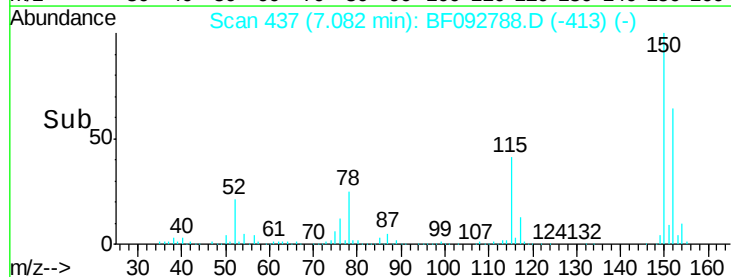
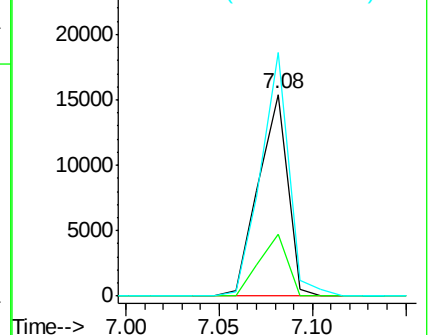
77 120.6 50.9 76.3#

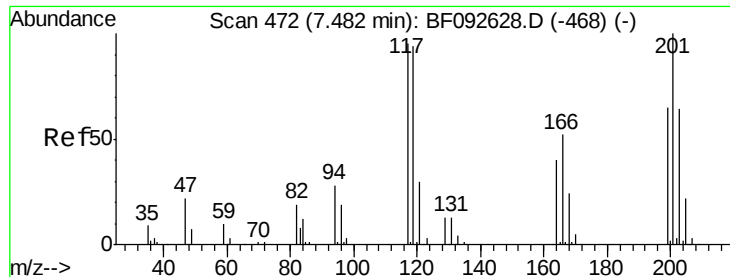


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

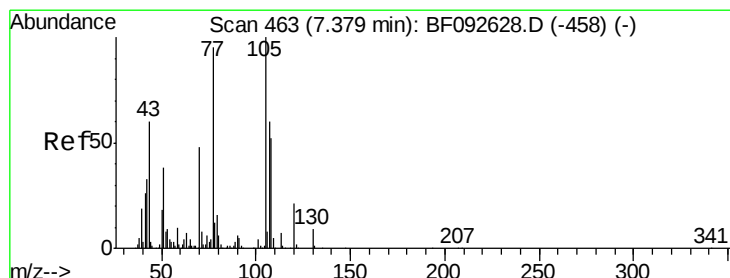
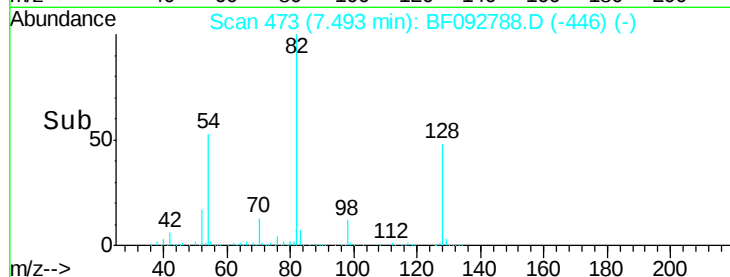
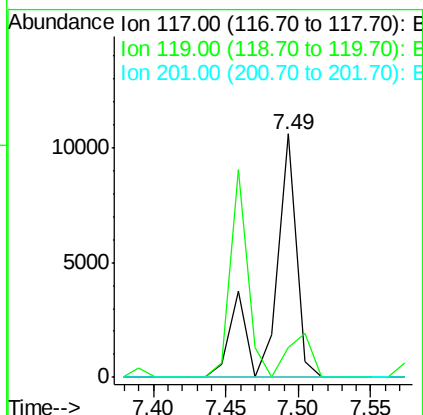
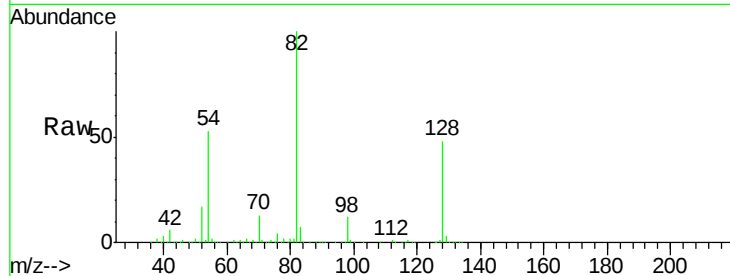




#18
Hexachloroethane
Concen: 3.08 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.01 min
Lab File: BF092788.D
Acq: 3 Feb 2017 21:11

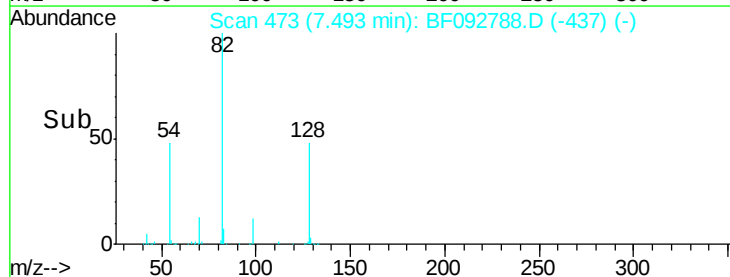
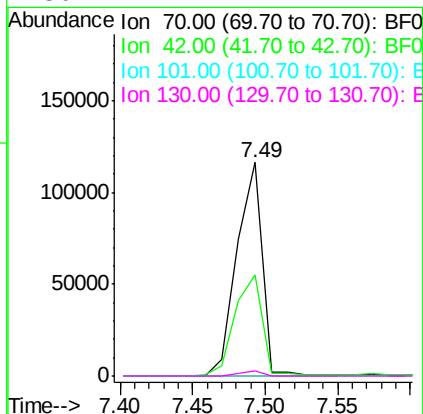
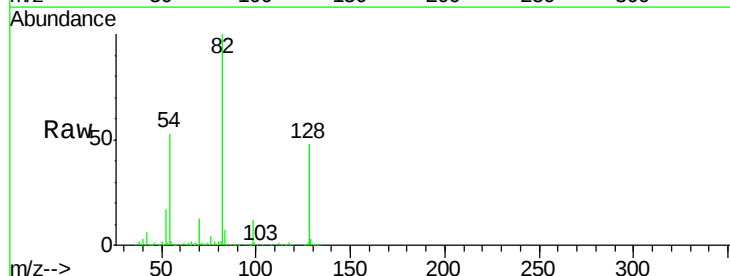
Instrument :
BNA_F
ClientSampleId :
GPW-08

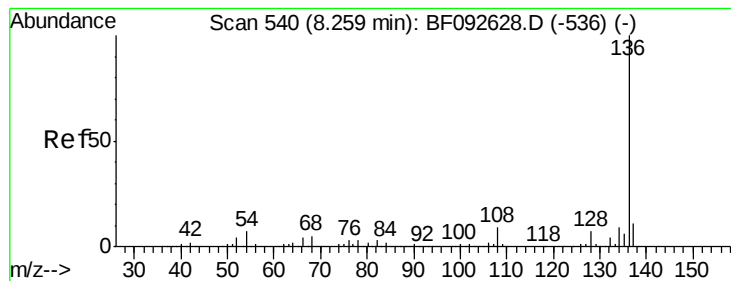
Tgt Ion: 117 Resp: 11983
Ion Ratio Lower Upper
117 100
119 12.0 78.1 117.1#
201 0.0 78.6 117.8#



#19
n-Nitroso-di-n-propylamine
Concen: 19.82 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.11 min
Lab File: BF092788.D
Acq: 3 Feb 2017 21:11

Tgt Ion: 70 Resp: 141340
Ion Ratio Lower Upper
70 100
42 47.4 49.4 74.0#
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.05 min

Lab File: BF092788.D

Acq: 3 Feb 2017 21:11

Instrument :

BNA_F

ClientSampleId :

GPW-08

Tgt Ion:136 Resp: 578146

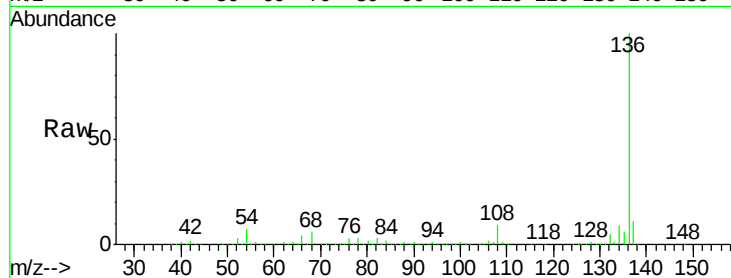
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 6.8 4.5 6.7#

68 5.6 3.6 5.4#

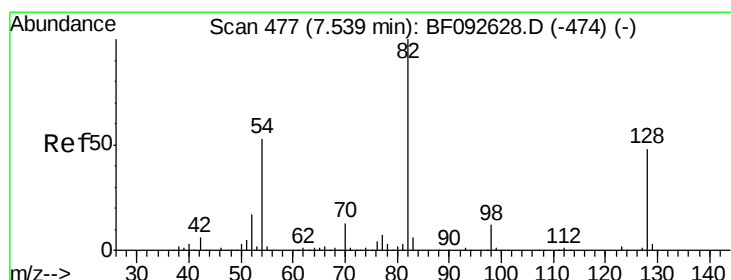
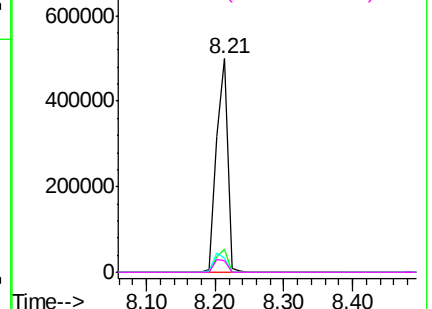
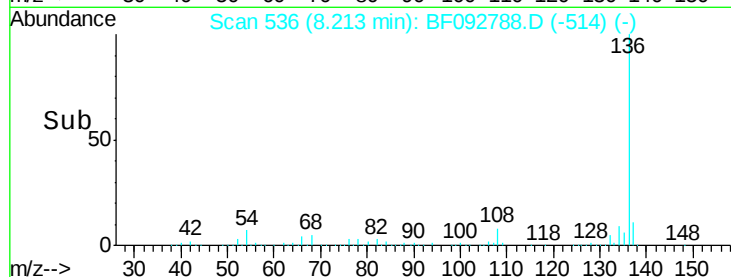


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.29 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.05 min

Lab File: BF092788.D

Acq: 3 Feb 2017 21:11

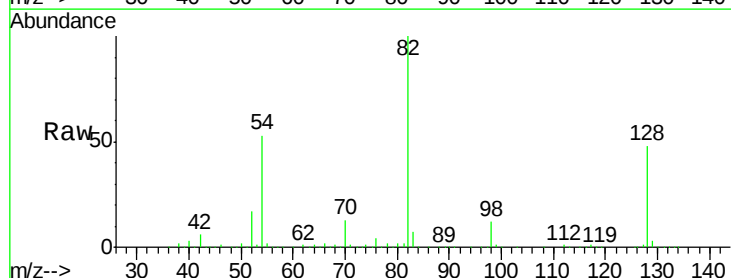
Tgt Ion: 82 Resp: 1041200

Ion Ratio Lower Upper

82 100

128 47.6 34.6 52.0

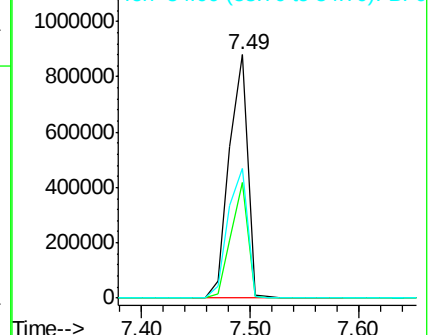
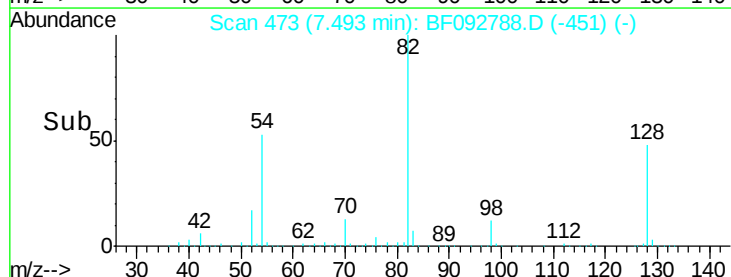
54 53.2 39.5 59.3

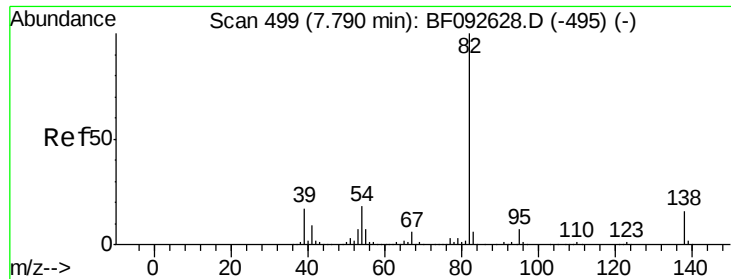


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 51.24 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.30 min

Lab File: BF092788.D

Acq: 3 Feb 2017 21:11

Instrument :

BNA_F

ClientSampleId :

GPW-08

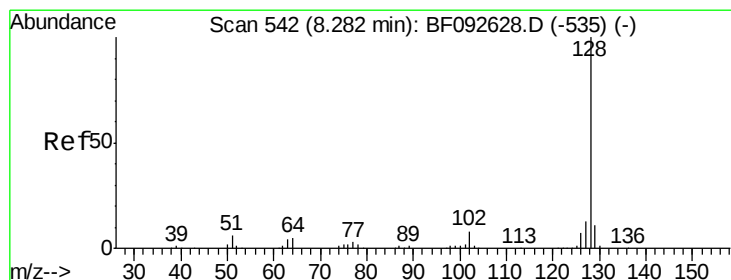
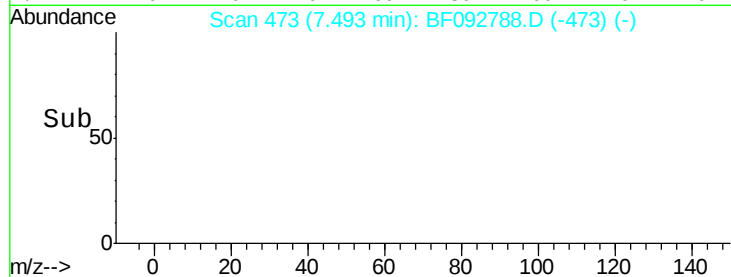
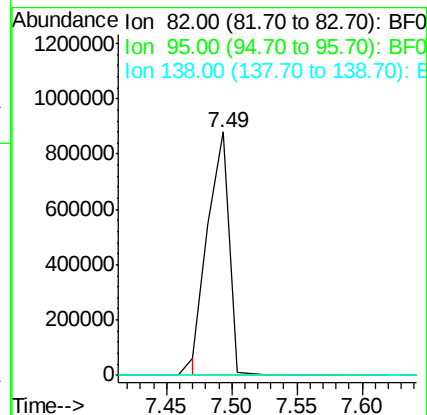
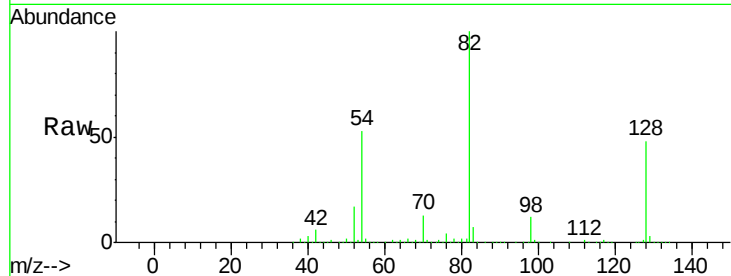
Tgt Ion: 82 Resp: 991366

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#31

Naphthalene

Concen: 11.50 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.06 min

Lab File: BF092788.D

Acq: 3 Feb 2017 21:11

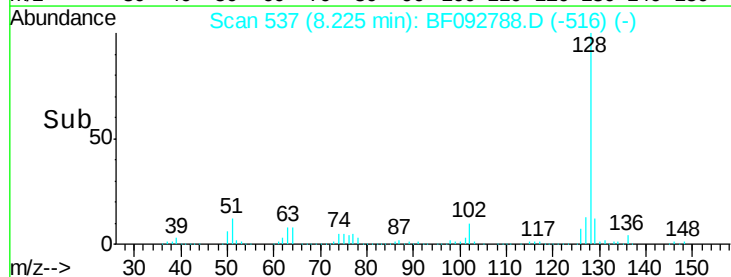
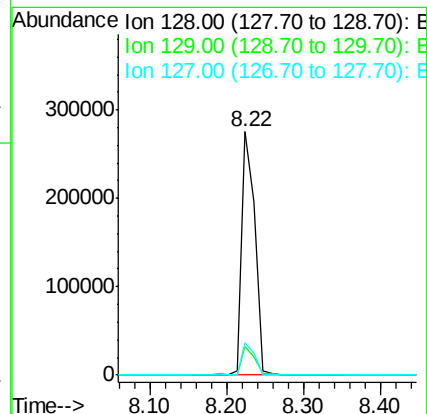
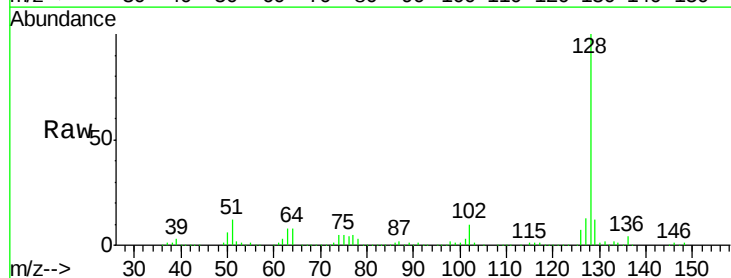
Tgt Ion: 128 Resp: 337113

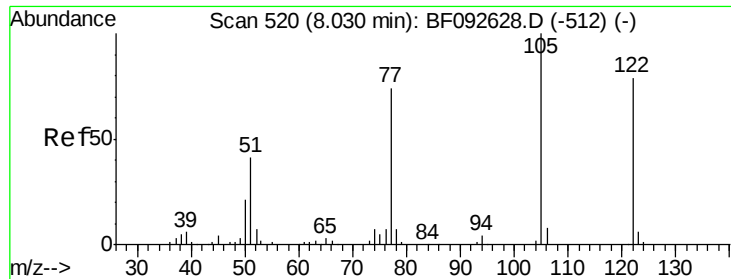
Ion Ratio Lower Upper

128 100

129 11.9 9.5 14.3

127 13.1 10.8 16.2





#32

Benzoic acid

Concen: 7.27 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.03 min

Lab File: BF092788.D

Acq: 3 Feb 2017 21:11

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ClientSampleId :

GPW-08

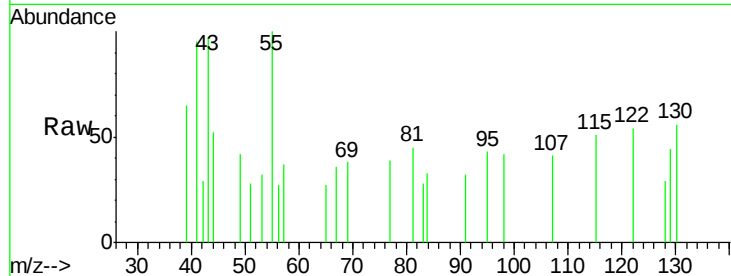
Tgt Ion:122 Resp: 643

Ion Ratio Lower Upper

122 100

105 0.0 107.2 147.2#

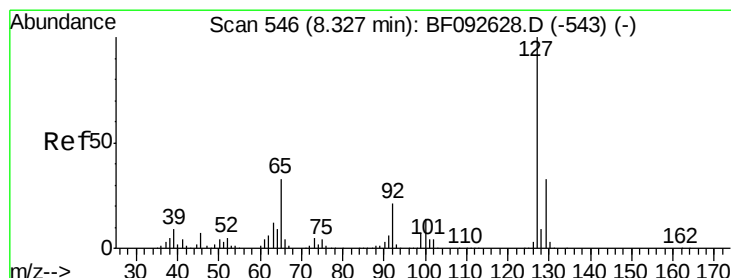
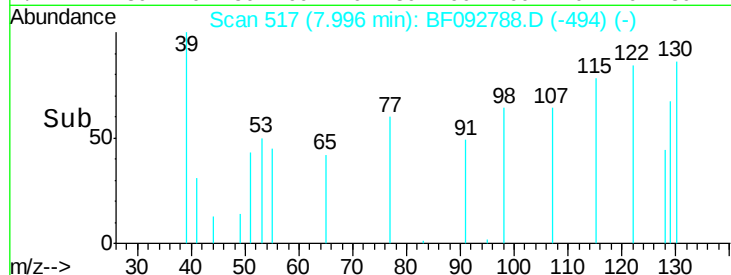
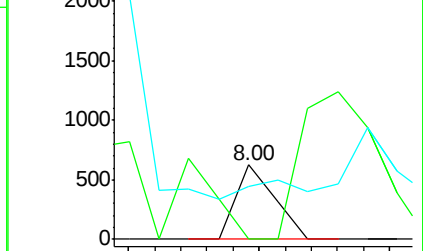
77 71.6 74.5 114.5#



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



#33

4-Chloroaniline

Concen: 3.84 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.10 min

Lab File: BF092788.D

Acq: 3 Feb 2017 21:11

Tgt Ion:127 Resp: 44169

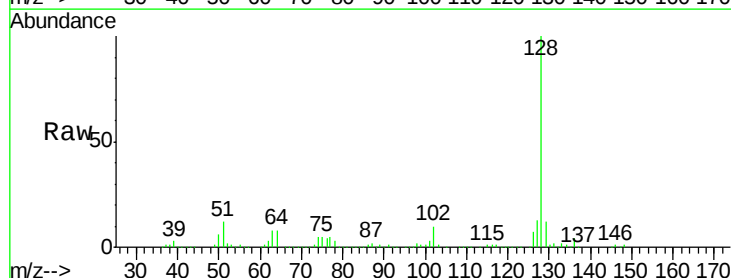
Ion Ratio Lower Upper

127 100

129 91.2 26.3 39.5#

65 0.0 25.8 38.8#

92 0.9 16.1 24.1#

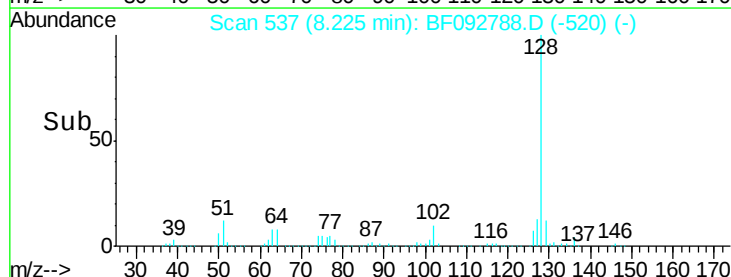
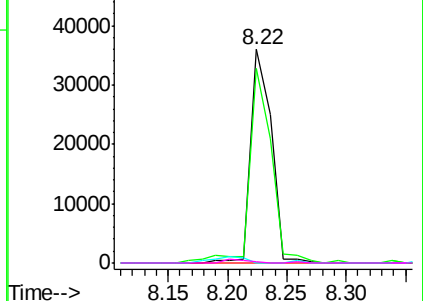


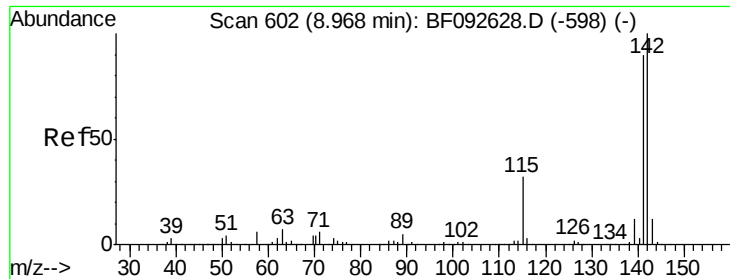
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

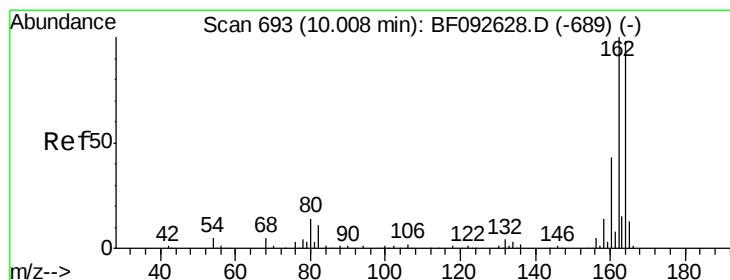
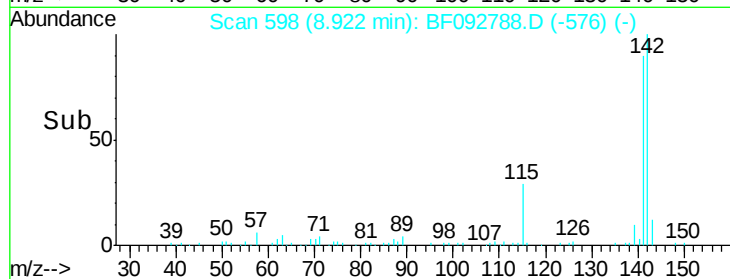
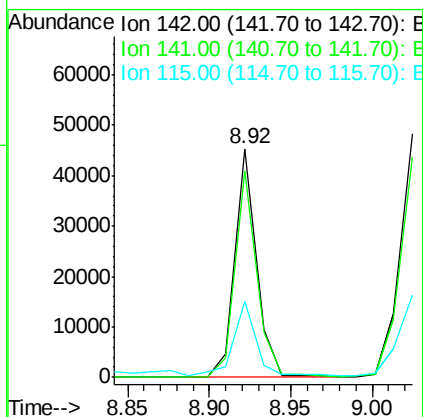
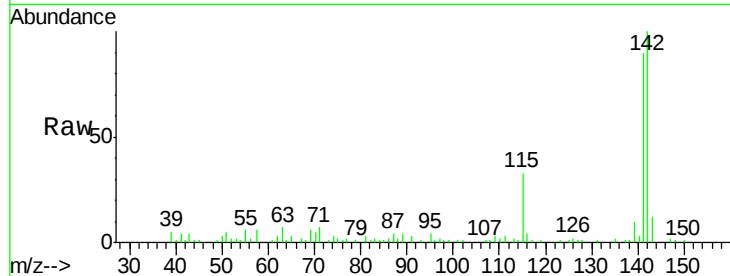




#37
 2-Methylnaphthalene
 Concen: 2.22 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.05 min
 Lab File: BF092788.D
 Acq: 3 Feb 2017 21:11

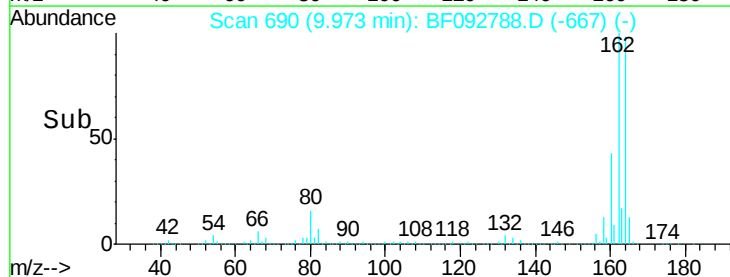
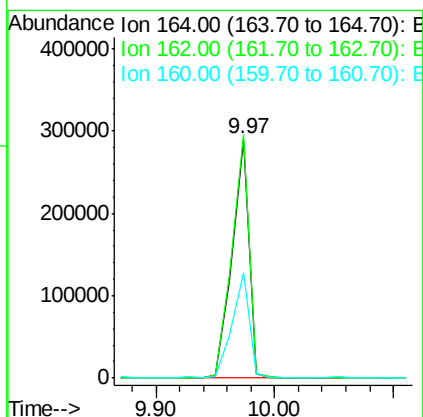
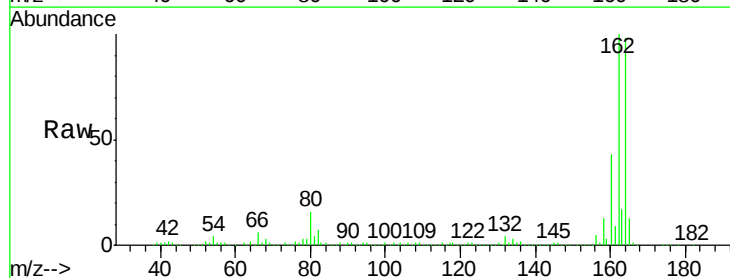
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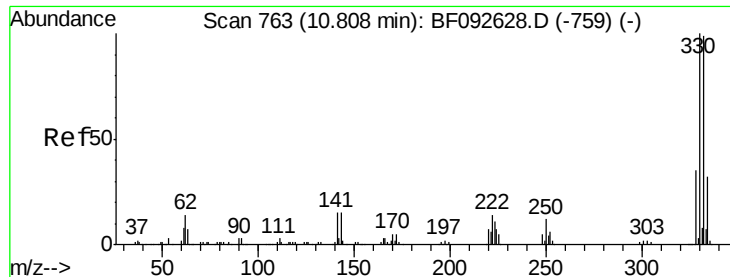
Tgt Ion:142 Resp: 41782
 Ion Ratio Lower Upper
 142 100
 141 90.5 71.0 106.6
 115 33.1 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF092788.D
 Acq: 3 Feb 2017 21:11

Tgt Ion:164 Resp: 289380
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.2 120.2
 160 43.9 36.9 55.3

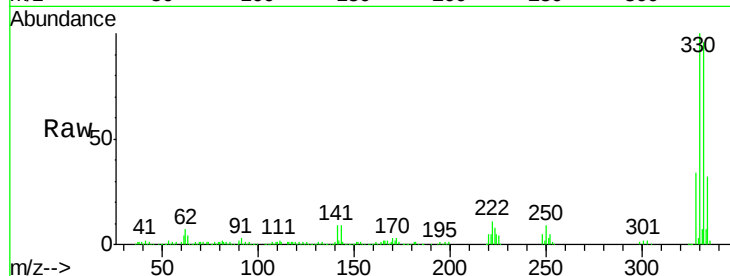




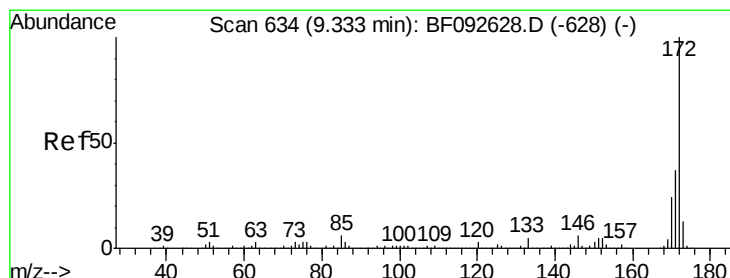
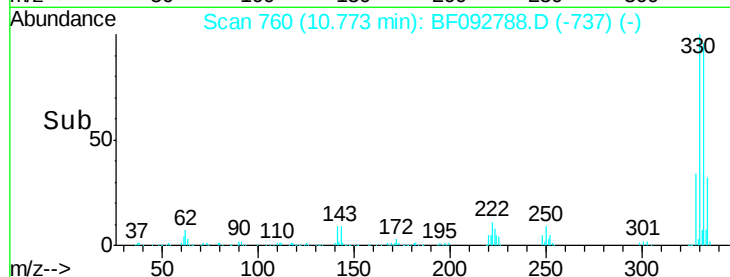
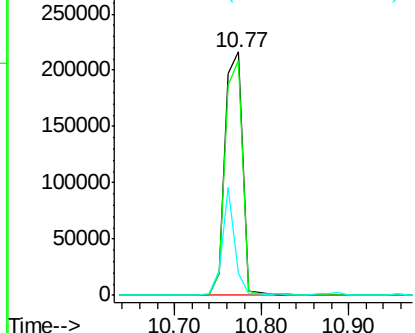
#41
 2,4,6-Tribromophenol
 Concen: 145.94 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092788.D
 Acq: 3 Feb 2017 21:11

Instrument :
 BNA_F
 ClientSampleId :
 GPW-08

Tgt Ion:330 Resp: 305441
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 31.9 34.1 51.1#

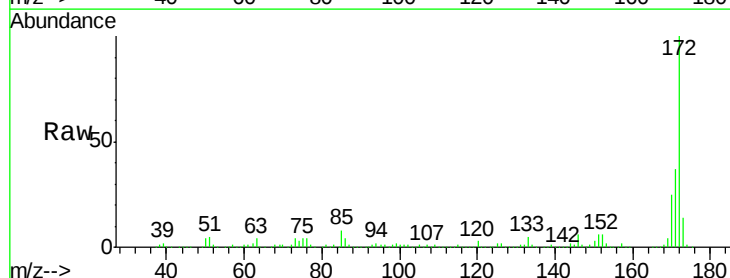


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

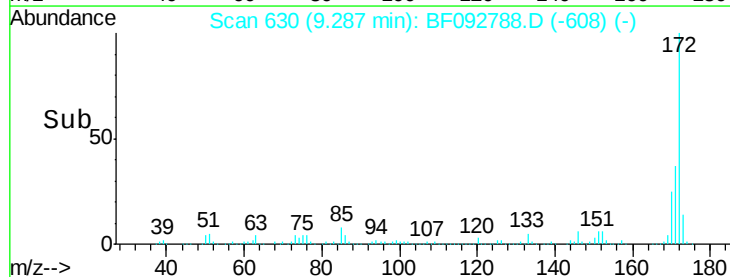
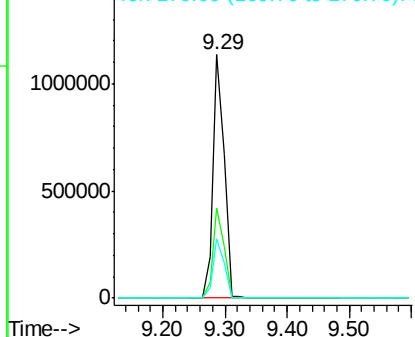


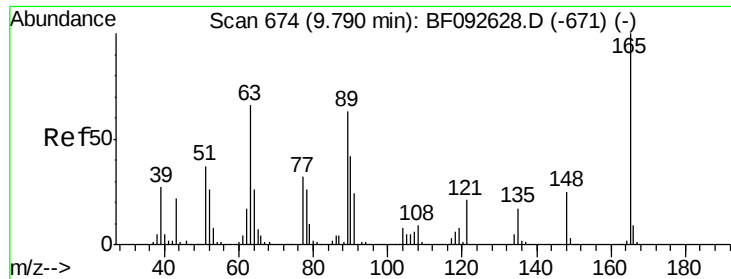
#44
 2-Fluorobiphenyl
 Concen: 87.60 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.05 min
 Lab File: BF092788.D
 Acq: 3 Feb 2017 21:11

Tgt Ion:172 Resp: 1399172
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.6 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

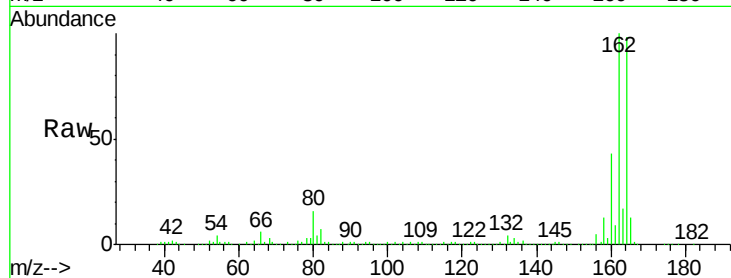




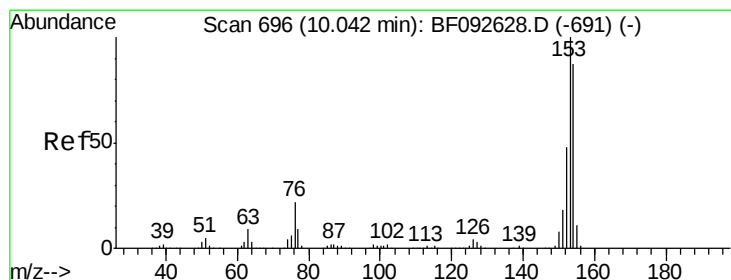
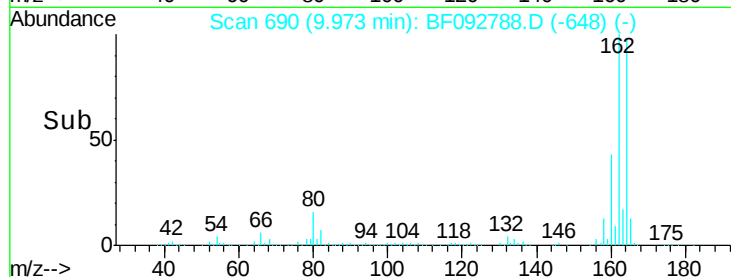
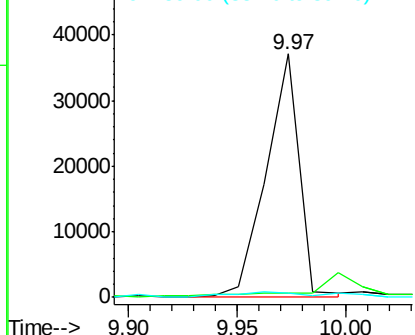
#50
2,6-Dinitrotoluene
Concen: 9.40 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.18 min
Lab File: BF092788.D
Acq: 3 Feb 2017 21:11

Instrument :
BNA_F
ClientSampleId :
GPW-08

Tgt Ion:165 Resp: 39555
Ion Ratio Lower Upper
165 100
63 2.0 36.2 54.4#
89 1.9 40.2 60.4#

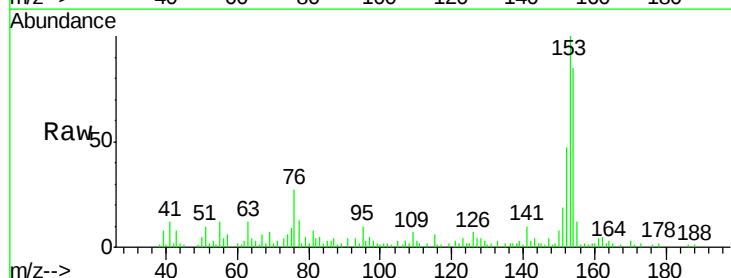


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

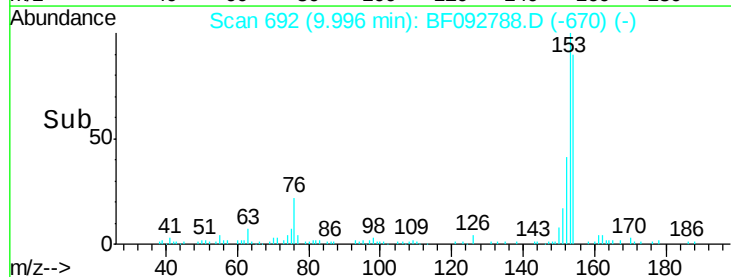
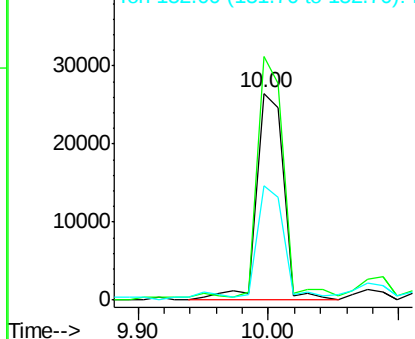


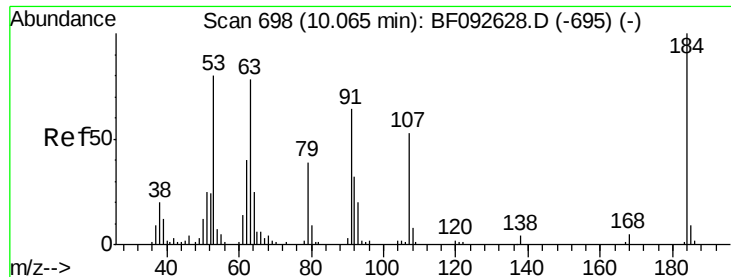
#51
Acenaphthene
Concen: 2.29 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.05 min
Lab File: BF092788.D
Acq: 3 Feb 2017 21:11

Tgt Ion:154 Resp: 38720
Ion Ratio Lower Upper
154 100
153 117.6 88.6 133.0
152 55.0 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

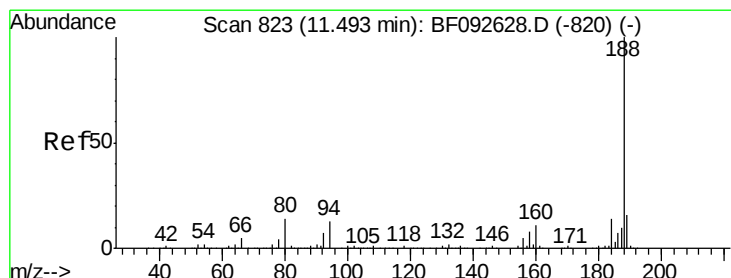
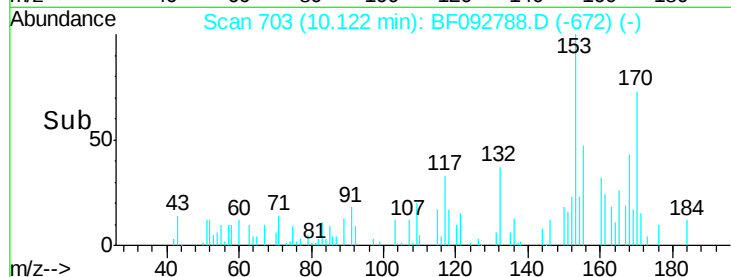
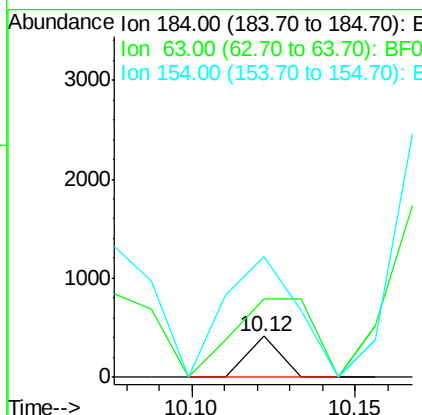
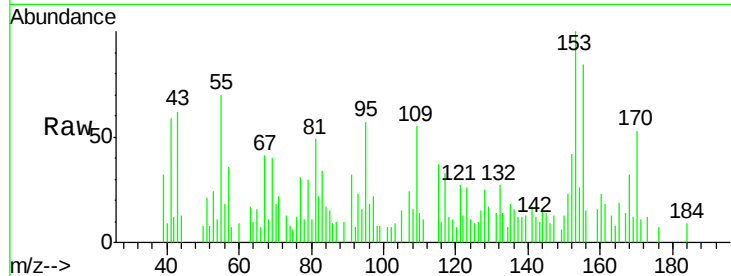




#53
 2,4-Dinitrophenol
 Concen: 4.86 ng
 RT: 10.12 min Scan# 703
 Delta R.T. 0.06 min
 Lab File: BF092788.D
 Acq: 3 Feb 2017 21:11

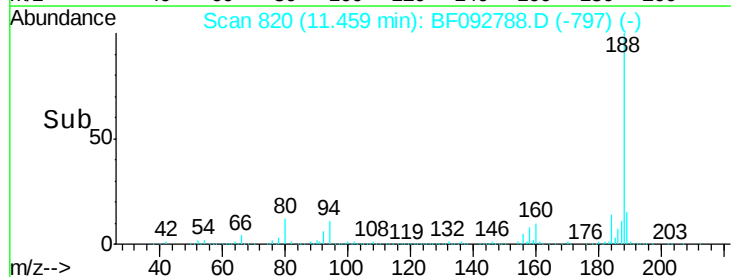
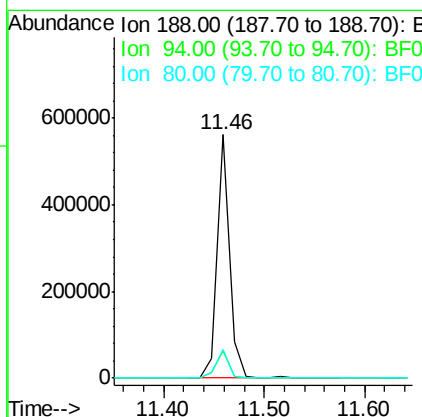
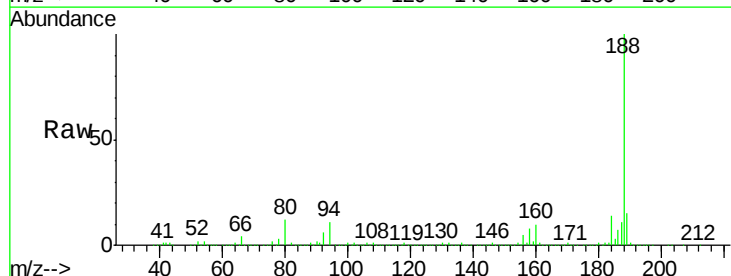
Instrument :
 BNA_F
 ClientSampleId :
 GPW-08

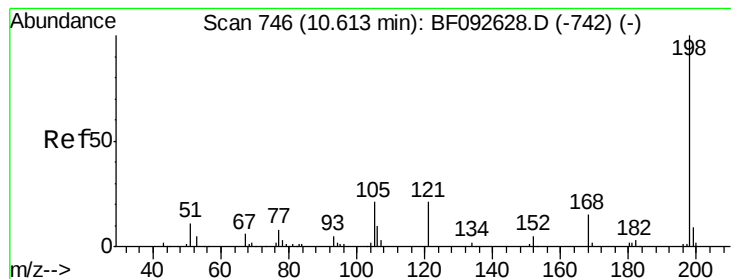
Tgt Ion:184 Resp: 283
 Ion Ratio Lower Upper
 184 100
 63 192.5 28.4 42.6#
 154 295.4 44.3 66.5#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF092788.D
 Acq: 3 Feb 2017 21:11

Tgt Ion:188 Resp: 482980
 Ion Ratio Lower Upper
 188 100
 94 11.0 10.0 15.0
 80 12.0 11.2 16.8





#64

4,6-Dinitro-2-methylphenol

Concen: 2.74 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF092788.D

Acq: 3 Feb 2017 21:11

Instrument :

BNA_F

ClientSampleId :

GPW-08

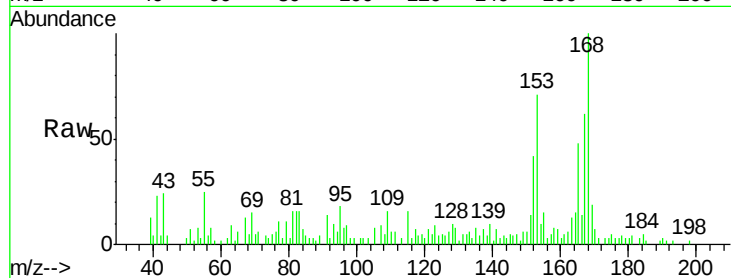
Tgt Ion:198 Resp: 236

Ion Ratio Lower Upper

198 100

51 307.3 6.7 46.7#

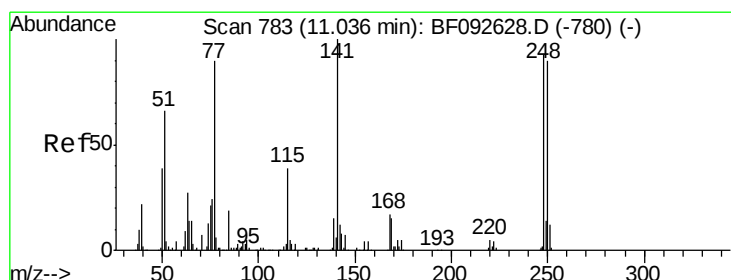
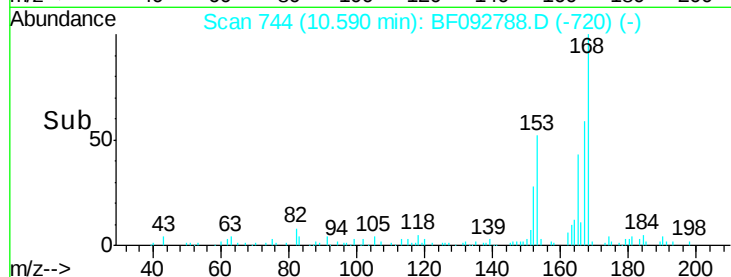
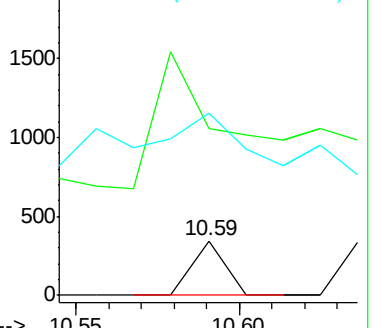
105 334.6 16.6 56.6#



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: 4.11 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.27 min

Lab File: BF092788.D

Acq: 3 Feb 2017 21:11

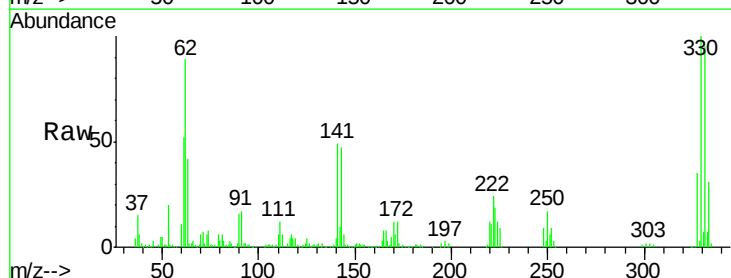
Tgt Ion:248 Resp: 20731

Ion Ratio Lower Upper

248 100

250 188.9 76.9 115.3#

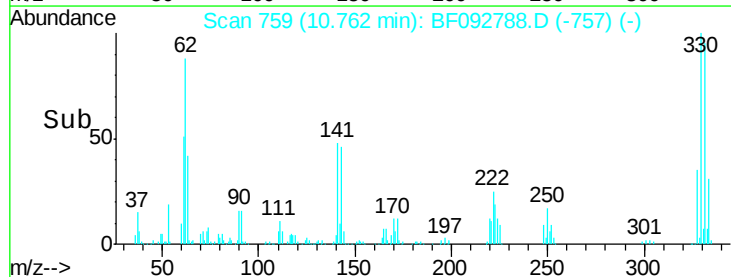
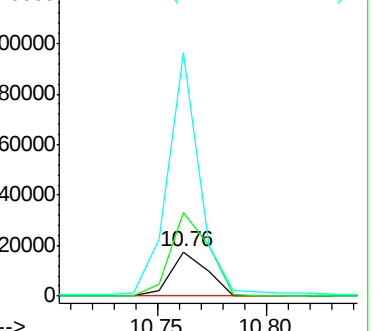
141 551.6 68.2 102.4#

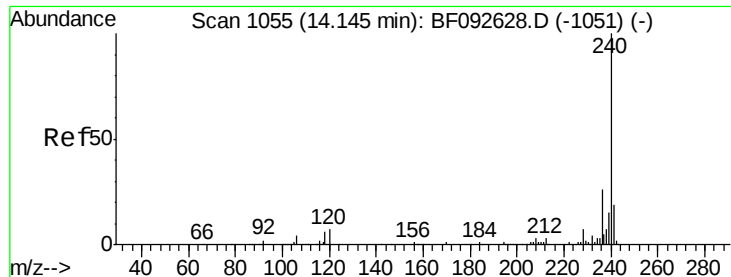


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.10 min Scan# 1051

Delta R.T. -0.05 min

Lab File: BF092788.D

Acq: 3 Feb 2017 21:11

Instrument :

BNA_F

ClientSampleId :

GPW-08

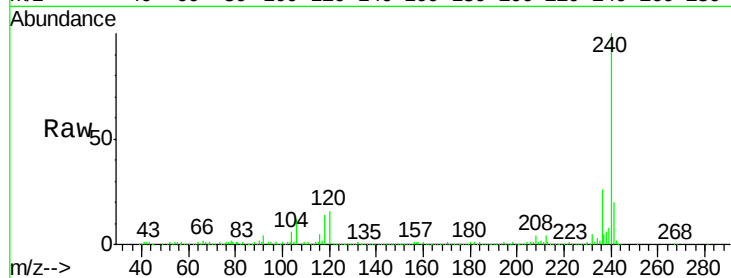
Tgt Ion:240 Resp: 400256

Ion Ratio Lower Upper

240 100

120 16.5 12.9 19.3

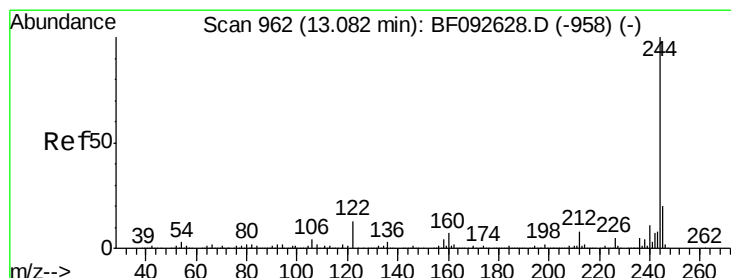
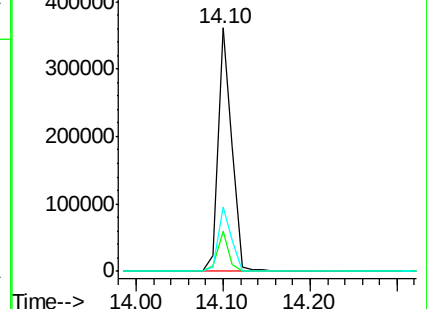
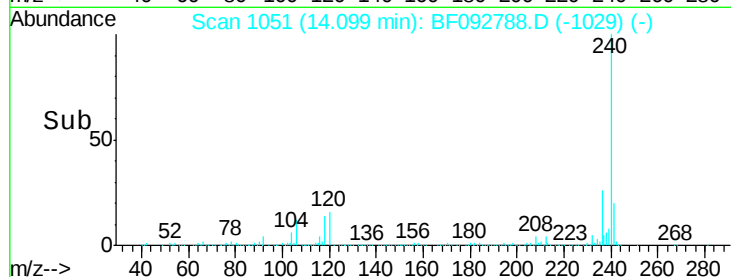
236 26.2 20.9 31.3



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: 79.31 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092788.D

Acq: 3 Feb 2017 21:11

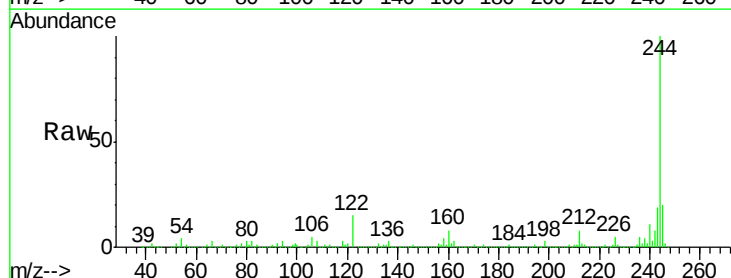
Tgt Ion:244 Resp: 1351008

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

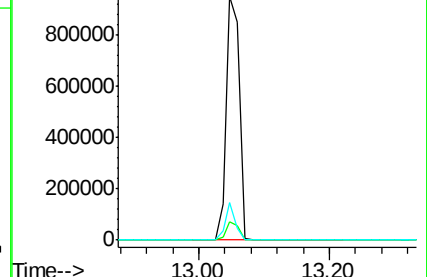
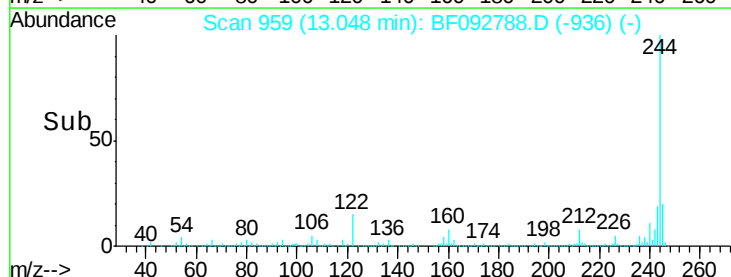
122 15.2 11.4 17.2

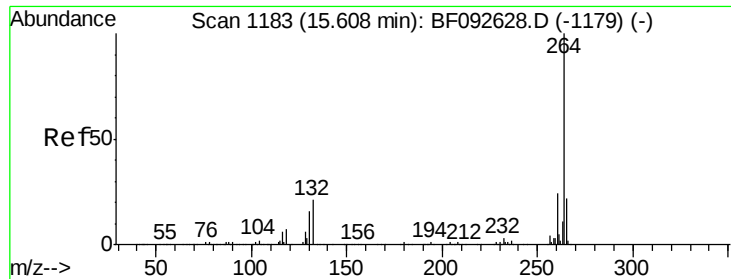


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.56 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF092788.D
Acq: 3 Feb 2017 21:11

Instrument :
BNA_F
ClientSampleId :
GPW-08

Tgt Ion: 264 Resp: 323549
Ion Ratio Lower Upper
264 100
260 24.9 19.2 28.8
265 22.1 17.4 26.0

