

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
 Data File : BF092650.D
 Acq On : 30 Jan 2017 22:54
 Operator : SJ/MA
 Sample : I1569-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ELT-GW-101

Quant Time: Jan 31 01:06:13 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

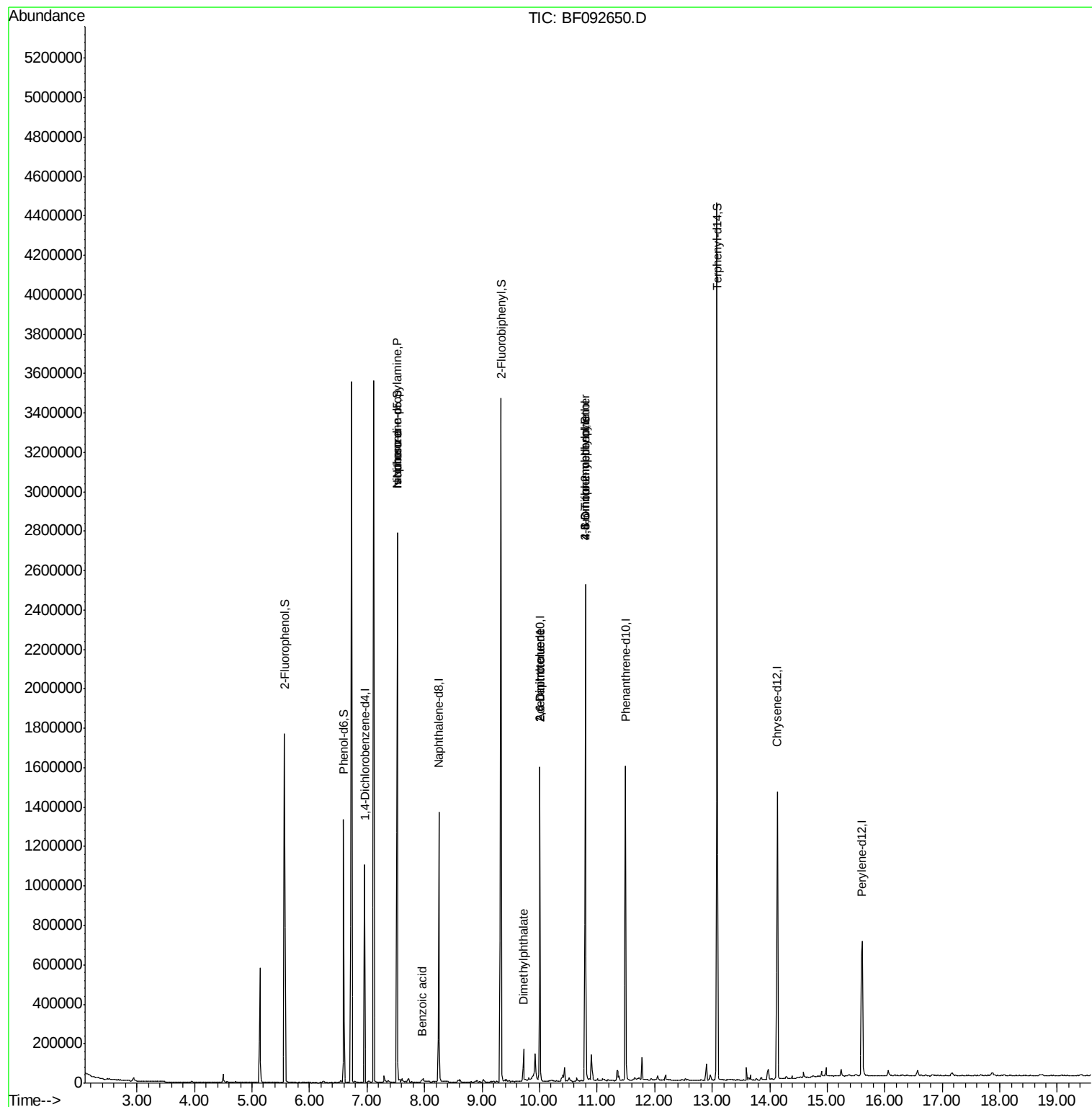
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	152916	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	600903	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	351647	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	603567	20.00	ng	0.00
75) Chrysene-d12	14.13	240	528479	20.00	ng	-0.01
86) Perylene-d12	15.61	264	377461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	528119	59.25	ng	-0.01
7) Phenol-d6	6.59	99	414004	36.10	ng	-0.01
23) Nitrobenzene-d5	7.53	82	991579	91.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	332446	130.71	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1813391	93.43	ng	0.00
78) Terphenyl-d14	13.08	244	1600830	71.17	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	134157	18.38	ng	# 82
25) Isophorone	7.53	82	964635	47.97	ng	# 65
32) Benzoic acid	7.95	122	2161	7.52	ng	# 65
49) Dimethylphthalate	9.72	163	74541	3.15	ng	100
50) 2,6-Dinitrotoluene	10.01	165	44545	8.71	ng	# 31
56) 2,4-Dinitrotoluene	10.01	165	44537	6.54	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.80	198	563	2.81	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	23220	3.68	ng	# 1

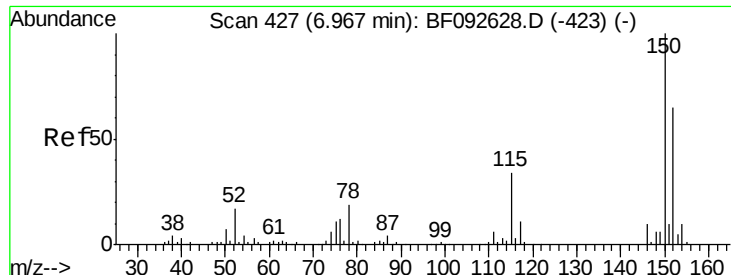
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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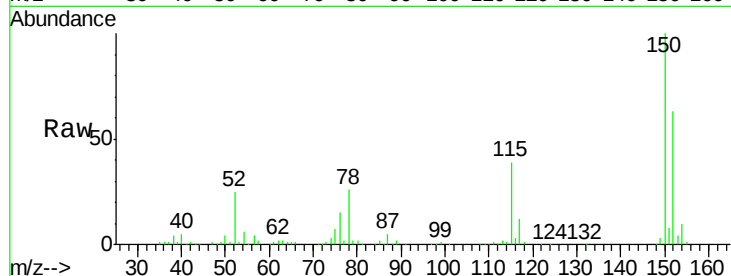




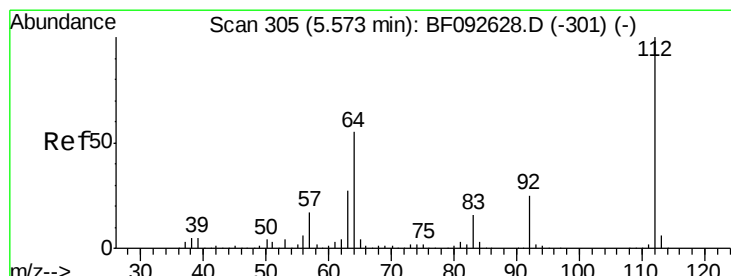
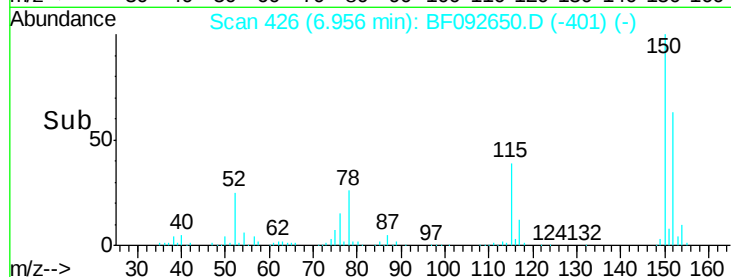
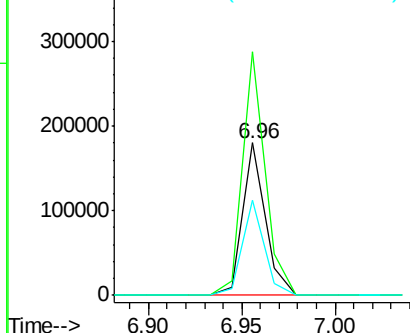
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 426
 Delta R.T. -0.01 min
 Lab File: BF092650.D
 Acq: 30 Jan 2017 22:54

Instrument :
 BNA_F
 ClientSampleId :
 ELT-GW-101

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.9	187.3
115	62.4	46.0	69.0

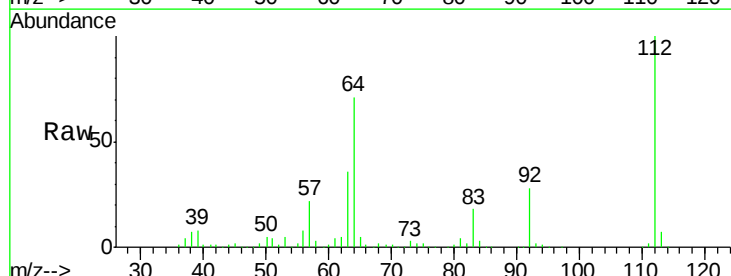


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

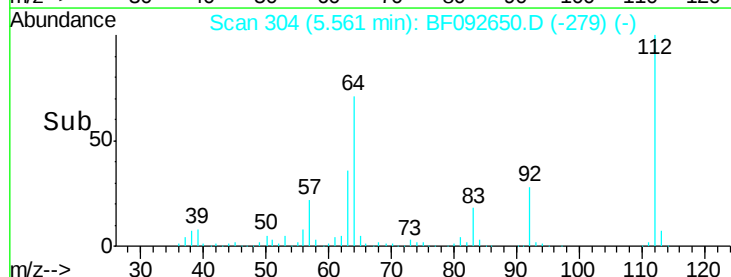
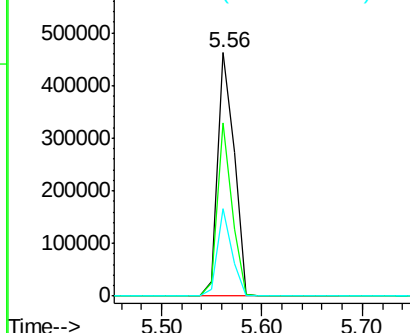


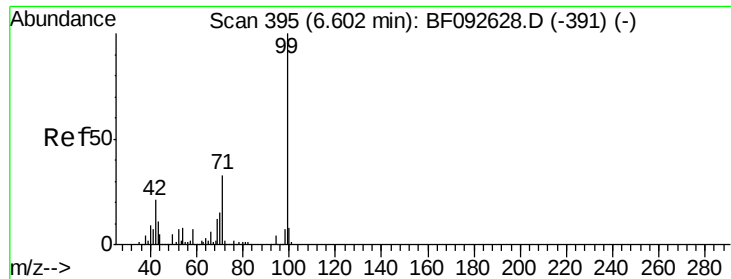
#5
 2-Fluorophenol
 Concen: 59.25 ng
 RT: 5.56 min Scan# 304
 Delta R.T. -0.01 min
 Lab File: BF092650.D
 Acq: 30 Jan 2017 22:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.0	46.1	69.1#
63	35.8	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: 36.10 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092650.D

Acq: 30 Jan 2017 22:54

Instrument :

BNA_F

ClientSampleId :

ELT-GW-101

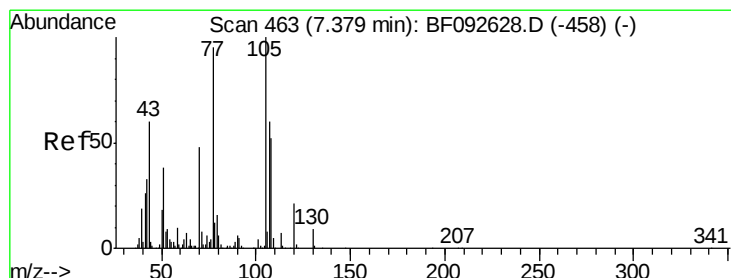
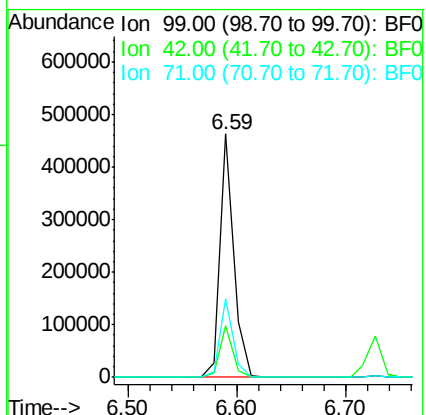
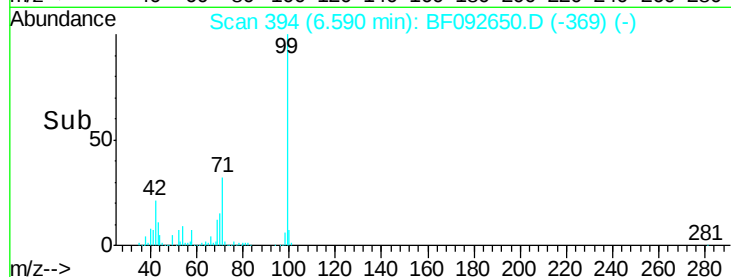
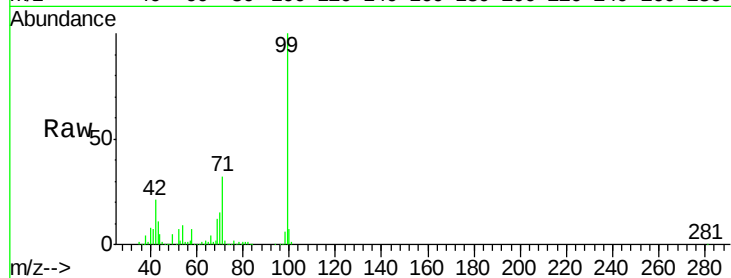
Tgt Ion: 99 Resp: 414004

Ion Ratio Lower Upper

99 100

42 21.4 15.6 23.4

71 32.4 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 18.38 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.15 min

Lab File: BF092650.D

Acq: 30 Jan 2017 22:54

Tgt Ion: 70 Resp: 134157

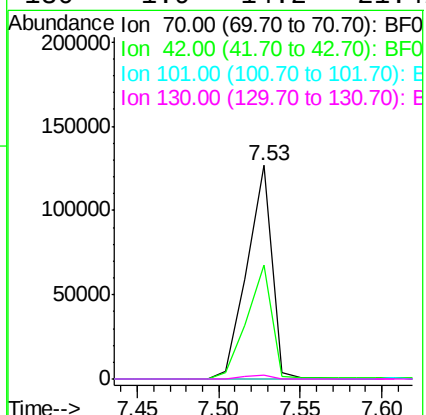
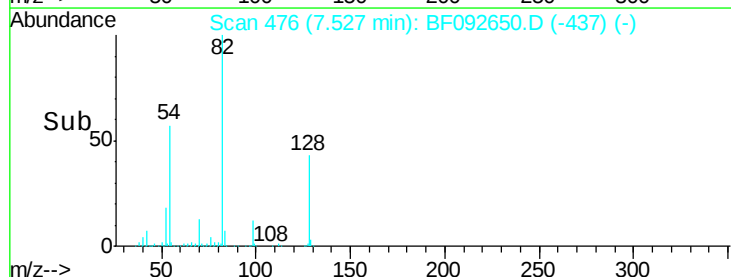
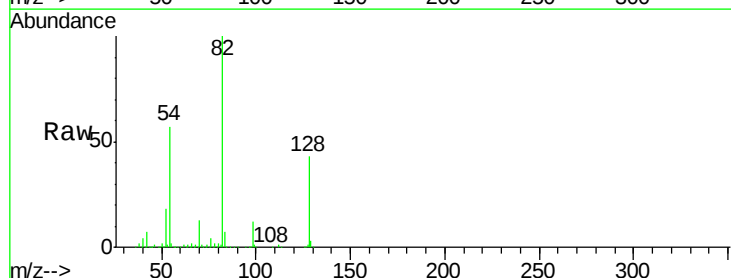
Ion Ratio Lower Upper

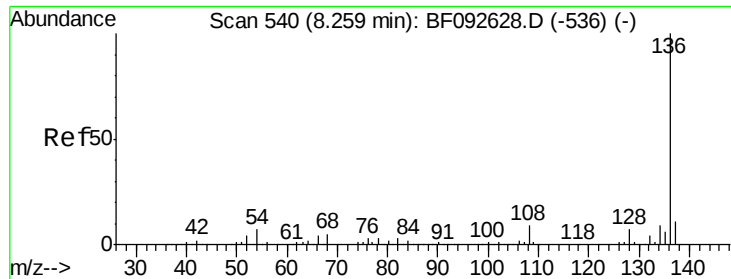
70 100

42 53.3 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

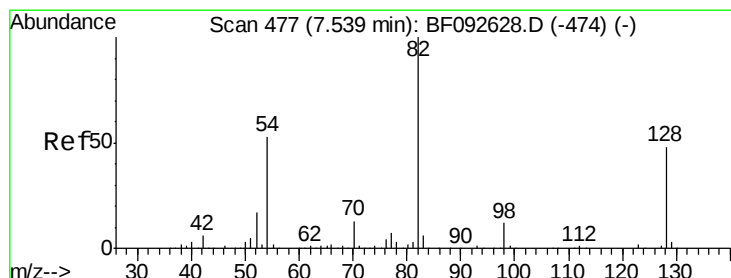
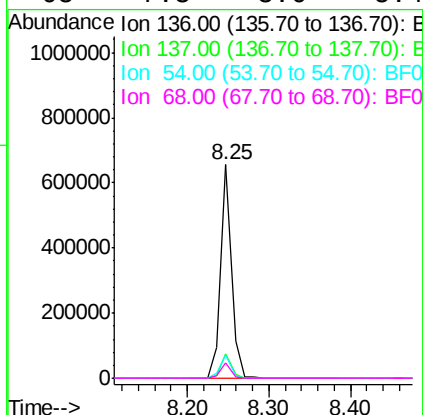
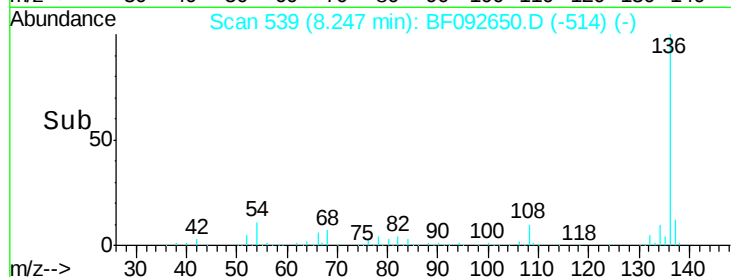
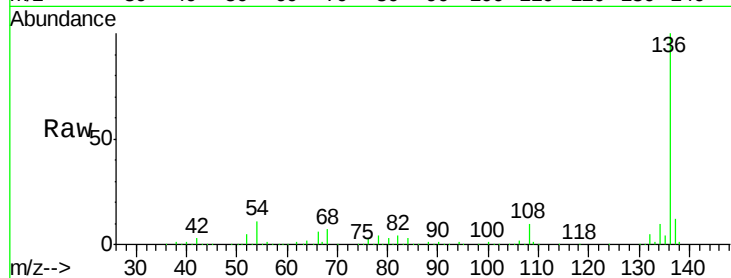




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

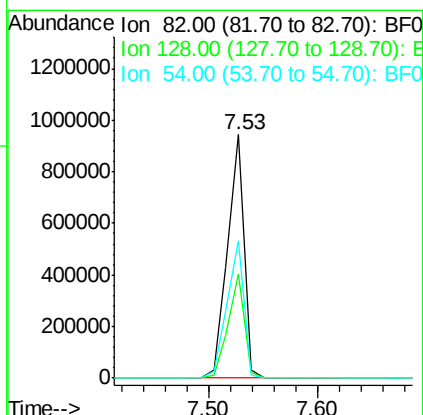
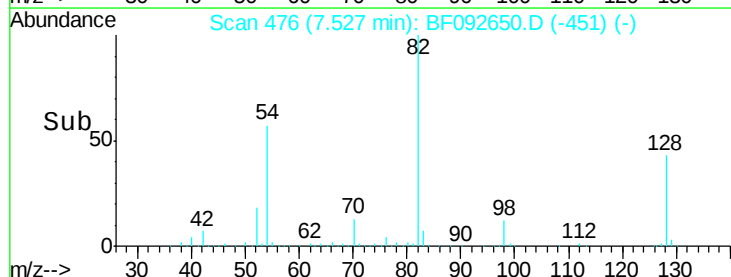
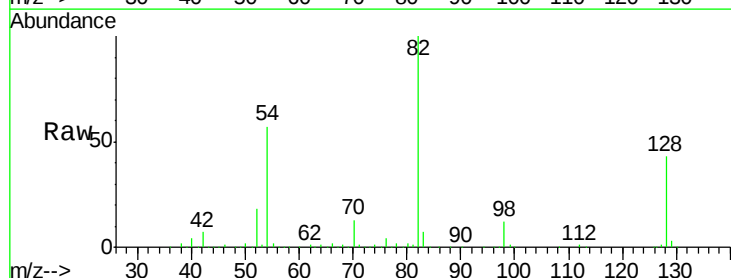
Instrument :
BNA_F
ClientSampleId :
ELT-GW-101

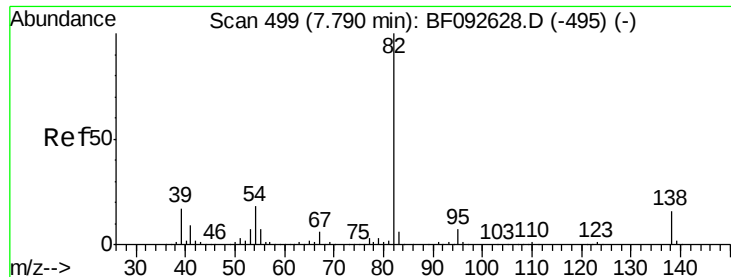
Tgt Ion:	136	Resp:	600903
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.4	12.6
54	10.6	4.5	6.7#
68	7.3	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 91.89 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

Tgt Ion:	82	Resp:	991579
Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	52.0
54	56.7	39.5	59.3





#25

Isophorone

Concen: 47.97 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.26 min

Lab File: BF092650.D

Acq: 30 Jan 2017 22:54

Instrument :

BNA_F

ClientSampleId :

ELT-GW-101

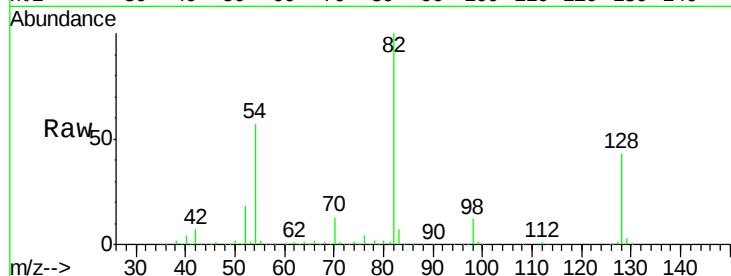
Tgt Ion: 82 Resp: 964635

Ion Ratio Lower Upper

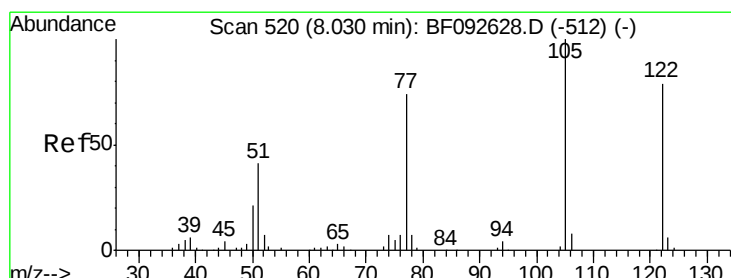
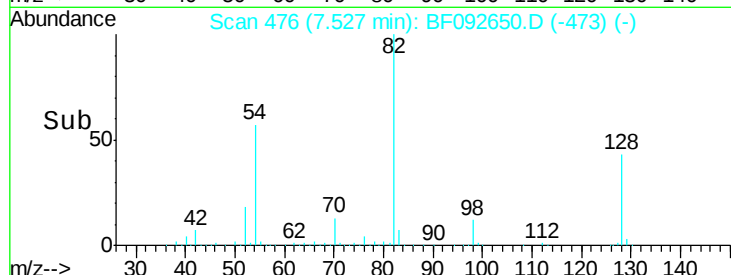
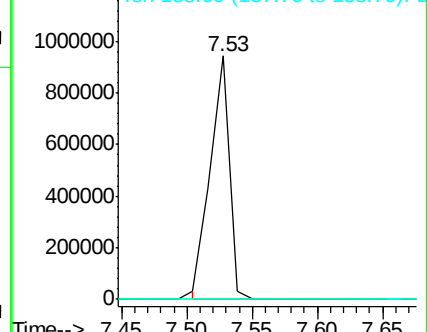
82 100

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



#32

Benzoic acid

Concen: 7.52 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.08 min

Lab File: BF092650.D

Acq: 30 Jan 2017 22:54

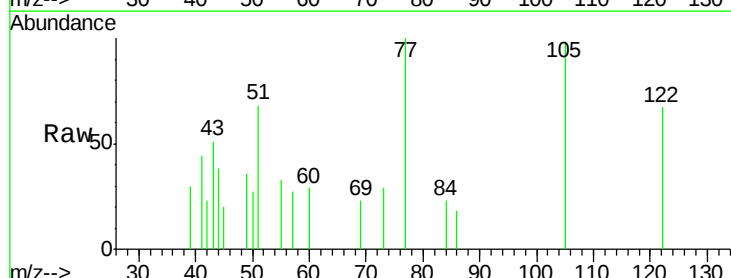
Tgt Ion: 122 Resp: 2161

Ion Ratio Lower Upper

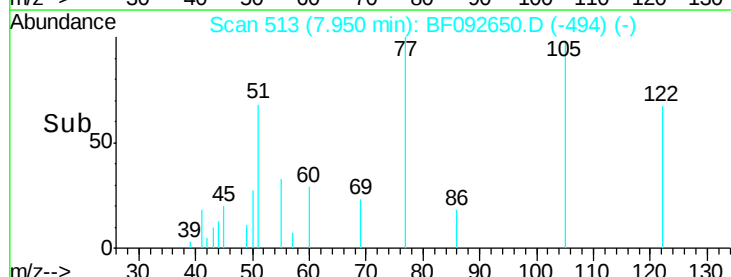
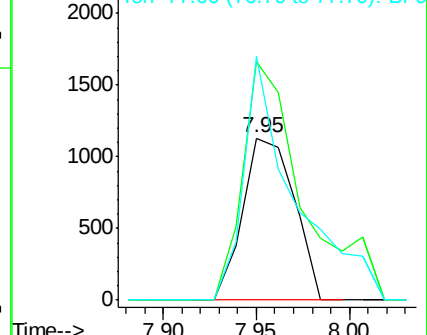
122 100

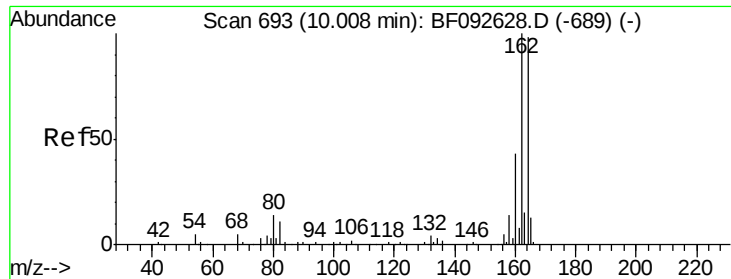
105 147.5 107.2 147.2#

77 150.2 74.5 114.5#



Abundance Ion 122.00 (121.70 to 122.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

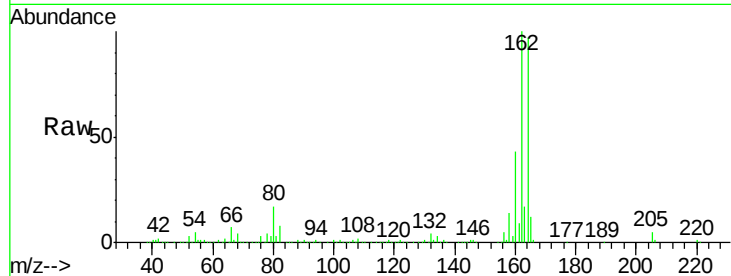




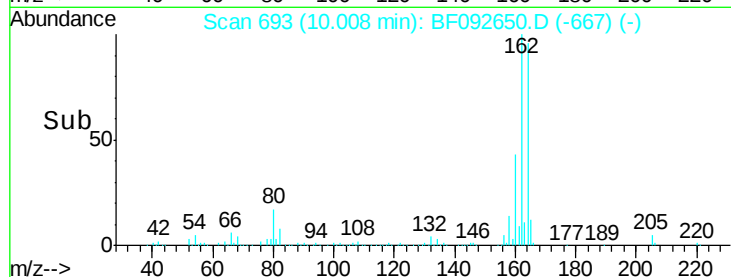
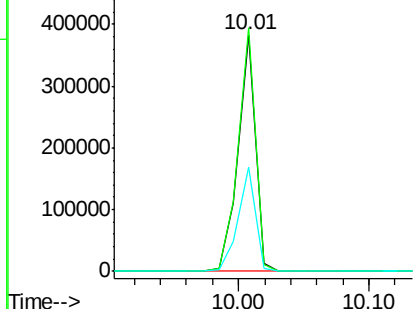
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF092650.D
 Acq: 30 Jan 2017 22:54

Instrument :
 BNA_F
 ClientSampleId :
 ELT-GW-101

Tgt Ion:164 Resp: 351647
 Ion Ratio Lower Upper
 164 100
 162 103.2 80.2 120.2
 160 43.9 36.9 55.3

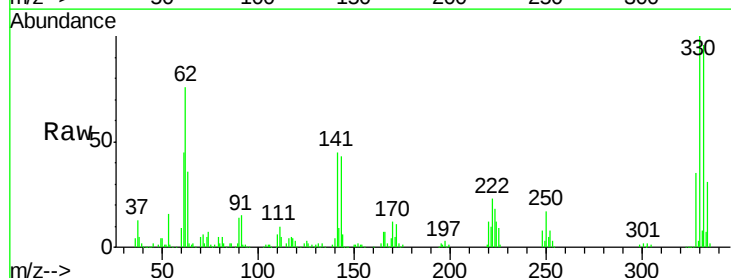


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

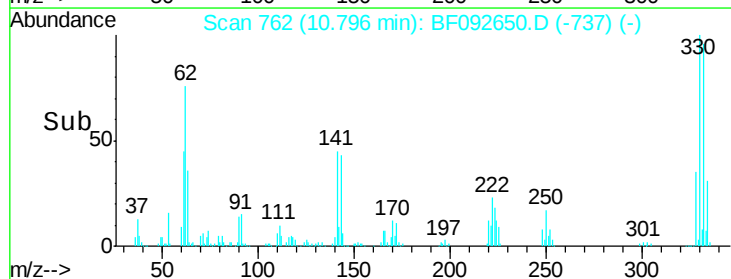
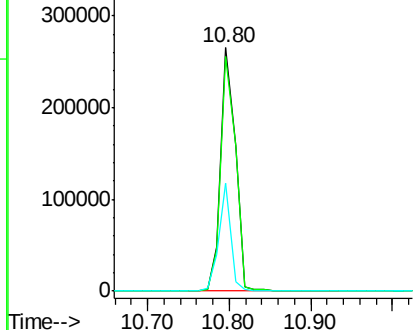


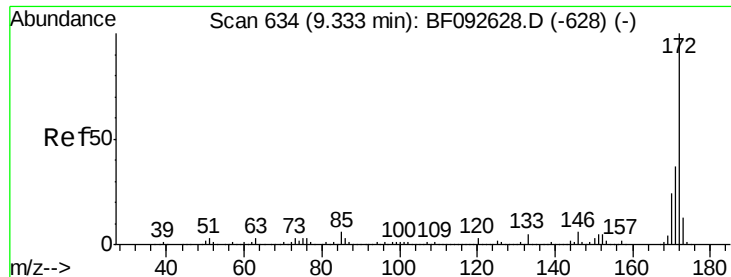
#41
 2,4,6-Tribromophenol
 Concen: 130.71 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092650.D
 Acq: 30 Jan 2017 22:54

Tgt Ion:330 Resp: 332446
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 36.0 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

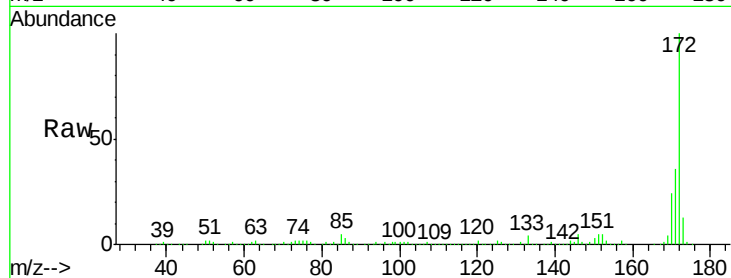




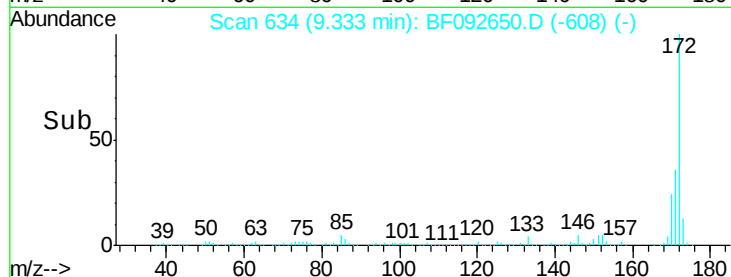
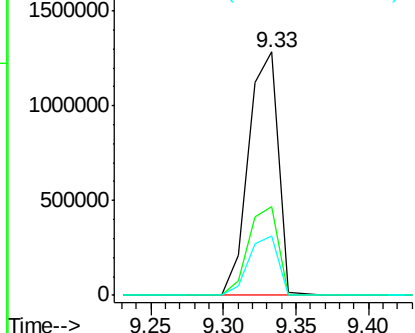
#44
 2-Fluorobiphenyl
 Concen: 93.43 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF092650.D
 Acq: 30 Jan 2017 22:54

Instrument :
 BNA_F
 ClientSampleId :
 ELT-GW-101

Tgt Ion:172 Resp: 1813391
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.2 20.2 30.4

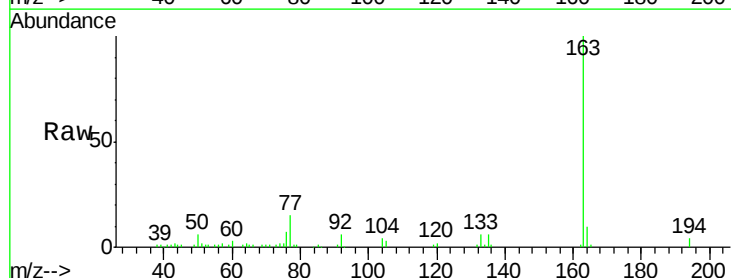


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

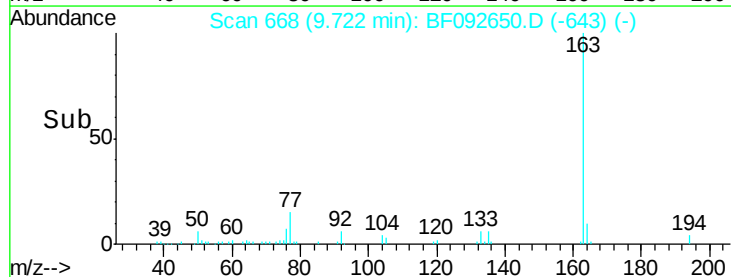
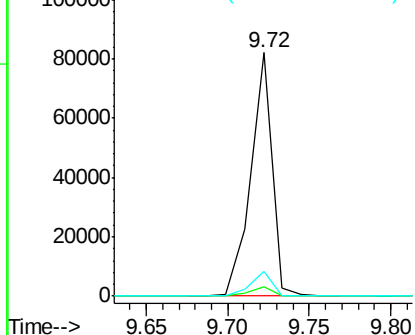


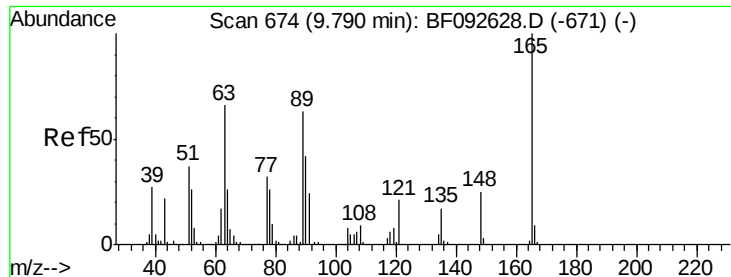
#49
 Dimethylphthalate
 Concen: 3.15 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF092650.D
 Acq: 30 Jan 2017 22:54

Tgt Ion:163 Resp: 74541
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.0 4.4
 164 10.1 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

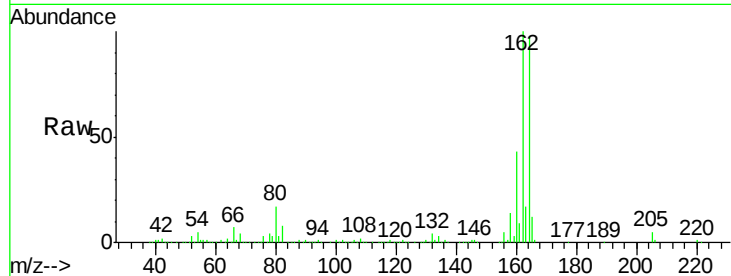




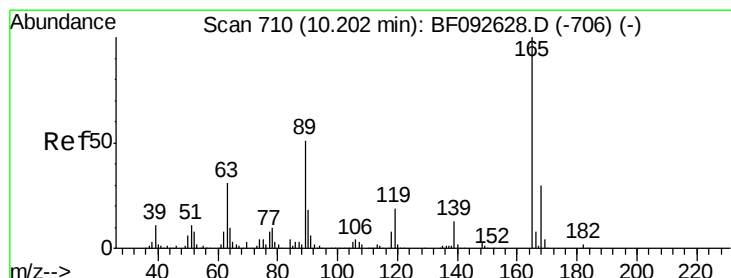
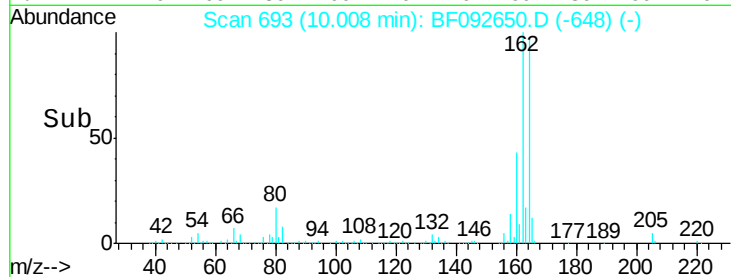
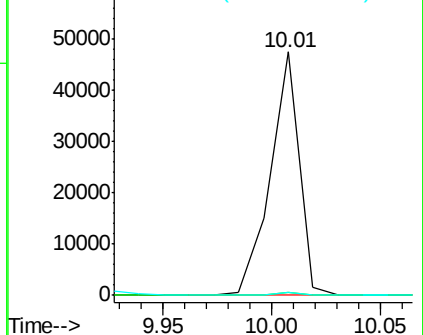
#50
 2,6-Dinitrotoluene
 Concen: 8.71 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.22 min
 Lab File: BF092650.D
 Acq: 30 Jan 2017 22:54

Instrument :
 BNA_F
 ClientSampleId :
 ELT-GW-101

Tgt Ion:165 Resp: 44545
 Ion Ratio Lower Upper
 165 100
 63 1.1 36.2 54.4#
 89 1.0 40.2 60.4#

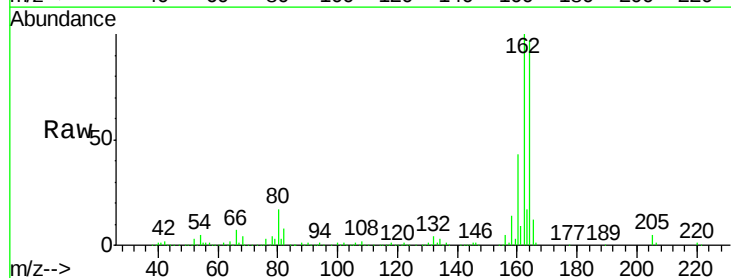


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

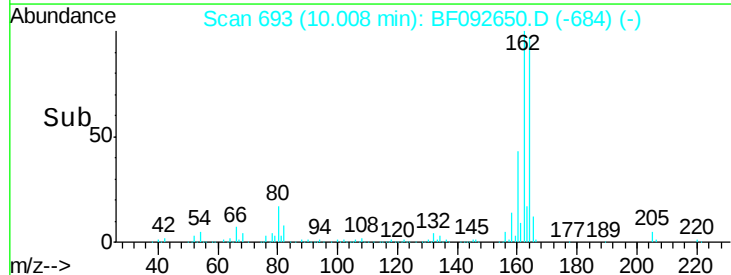
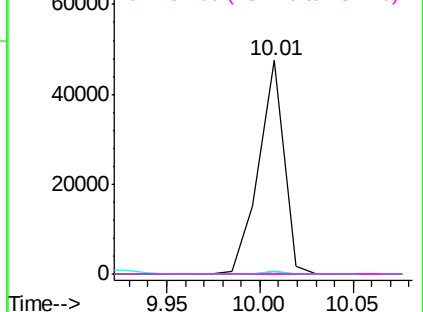


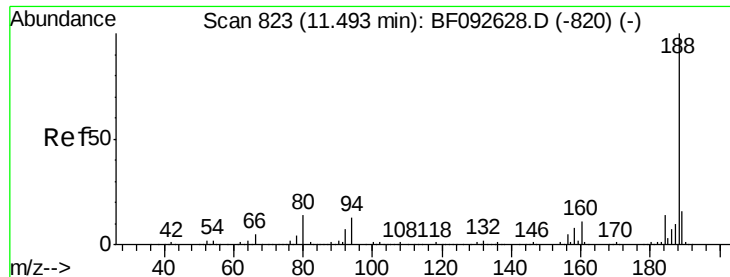
#56
 2,4-Dinitrotoluene
 Concen: 6.54 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.19 min
 Lab File: BF092650.D
 Acq: 30 Jan 2017 22:54

Tgt Ion:165 Resp: 44537
 Ion Ratio Lower Upper
 165 100
 63 1.1 40.2 60.4#
 89 1.0 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

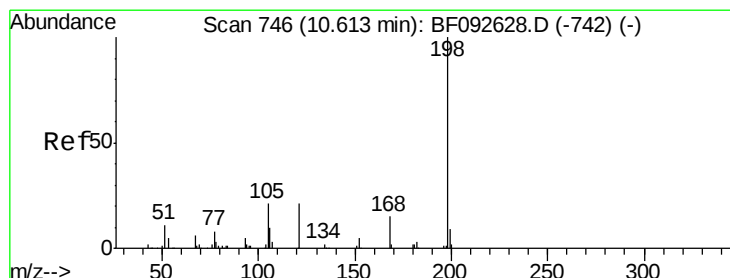
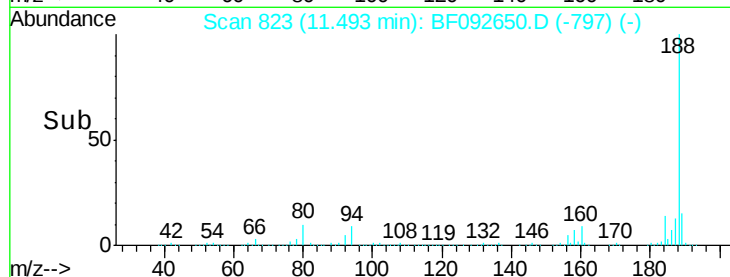
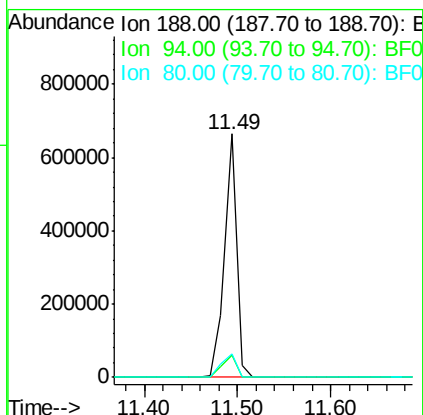
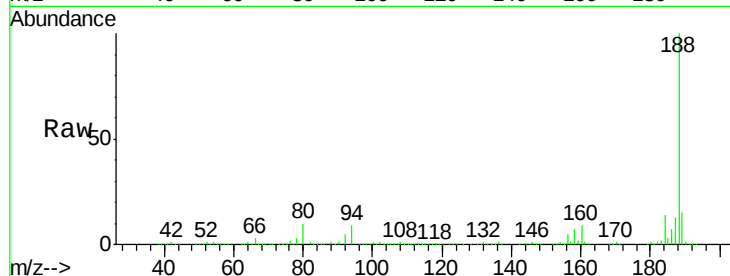




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

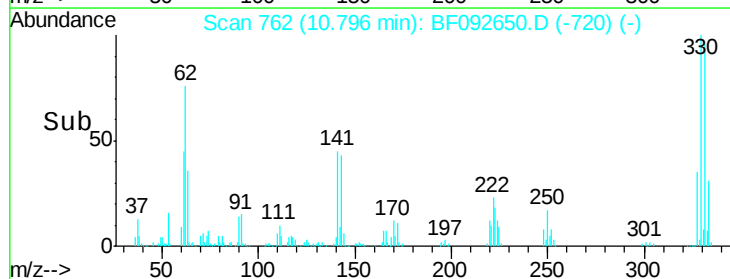
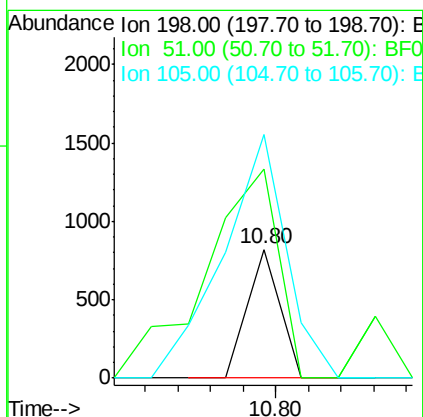
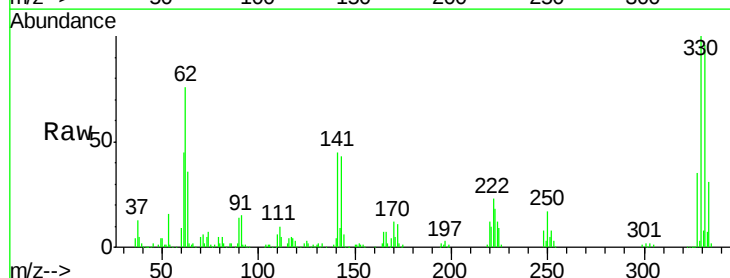
Instrument :
BNA_F
ClientSampleId :
ELT-GW-101

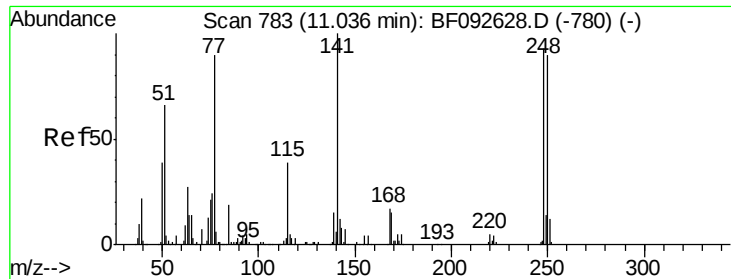
Tgt Ion:188 Resp: 603567
Ion Ratio Lower Upper
188 100
94 9.3 10.0 15.0#
80 9.8 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 2.81 ng
RT: 10.80 min Scan# 762
Delta R.T. 0.18 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

Tgt Ion:198 Resp: 563
Ion Ratio Lower Upper
198 100
51 162.7 6.7 46.7#
105 189.2 16.6 56.6#

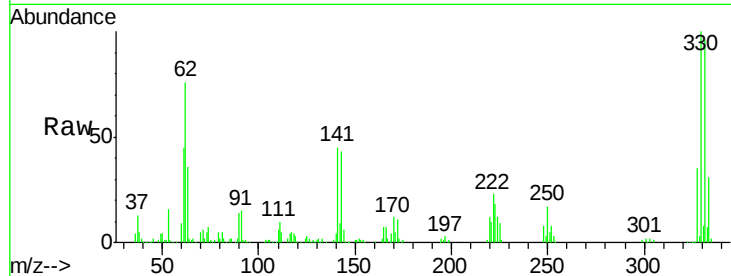




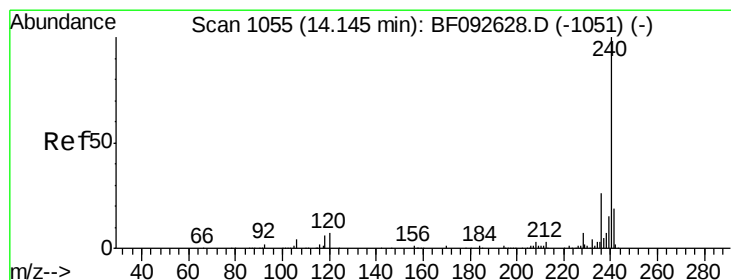
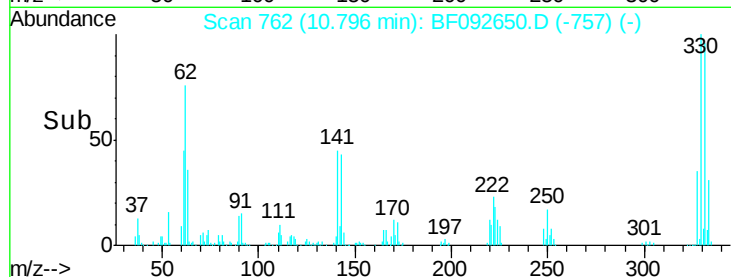
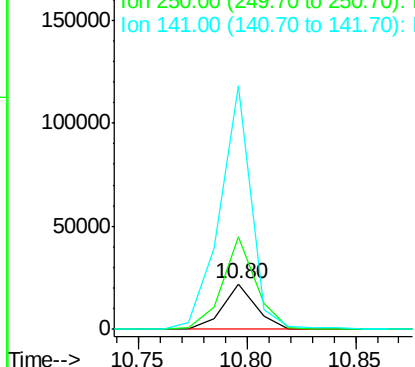
#66
4-Bromophenyl-phenylether
Concen: 3.68 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

Instrument :
BNA_F
ClientSampleId :
ELT-GW-101

Tgt Ion:248 Resp: 23220
Ion Ratio Lower Upper
248 100
250 204.5 76.9 115.3#
141 538.3 68.2 102.4#

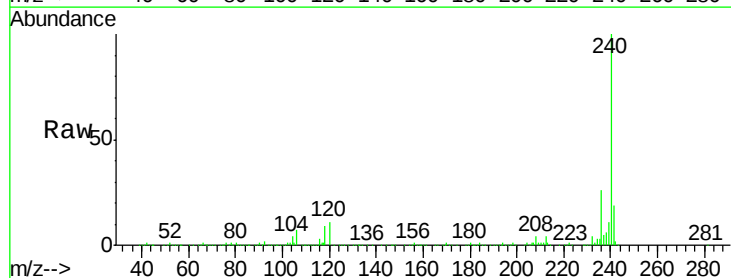


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

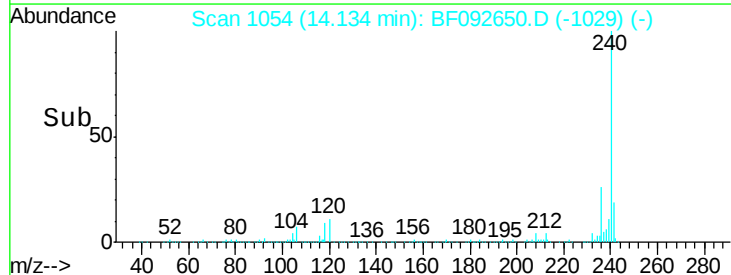
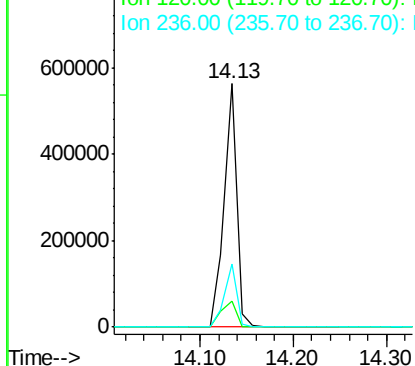


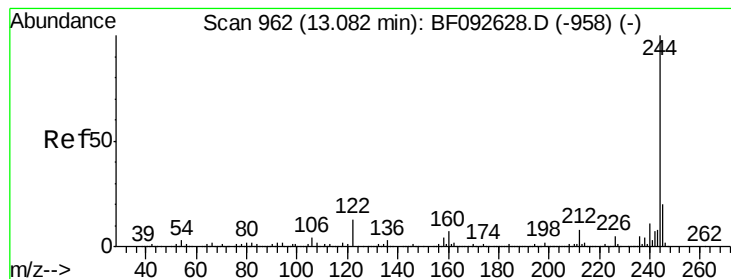
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

Tgt Ion:240 Resp: 528479
Ion Ratio Lower Upper
240 100
120 10.5 12.9 19.3#
236 25.9 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: 71.17 ng

RT: 13.08 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF092650.D

Acq: 30 Jan 2017 22:54

Instrument :

BNA_F

ClientSampleId :

ELT-GW-101

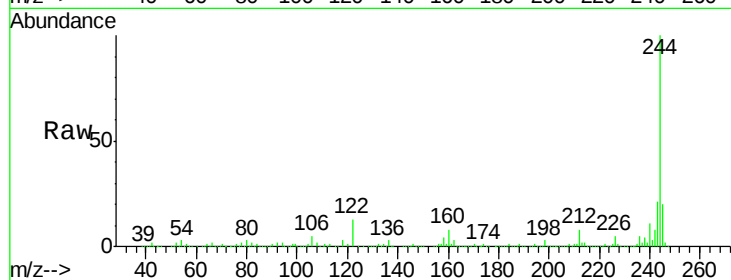
Tgt Ion:244 Resp: 1600830

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

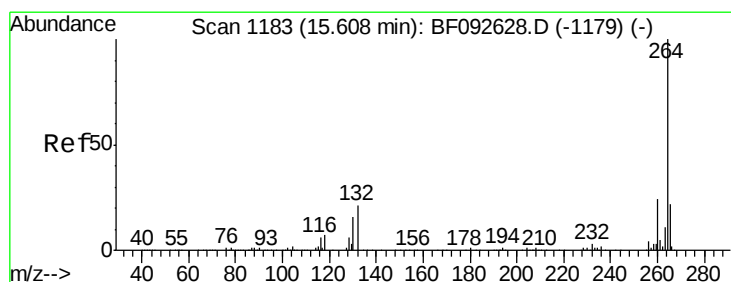
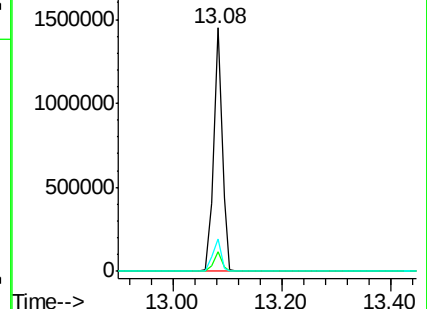
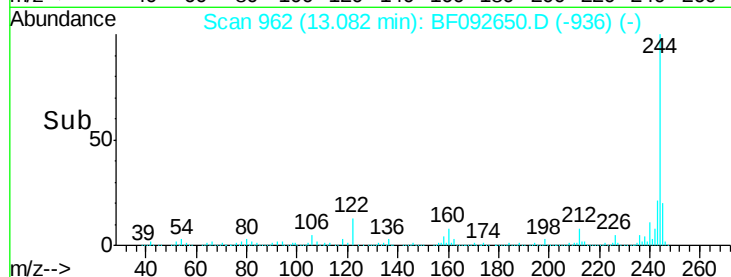
122 13.4 11.4 17.2



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: 15.61 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF092650.D

Acq: 30 Jan 2017 22:54

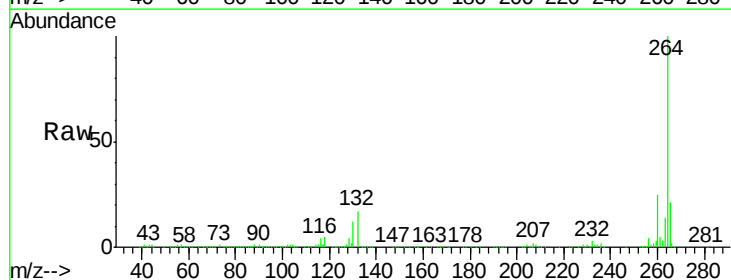
Tgt Ion:264 Resp: 377461

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 21.1 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

