

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
 Data File : BF092647.D
 Acq On : 30 Jan 2017 21:32
 Operator : SJ/MA
 Sample : I1569-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ELT-GW-01

Quant Time: Jan 31 01:04:20 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

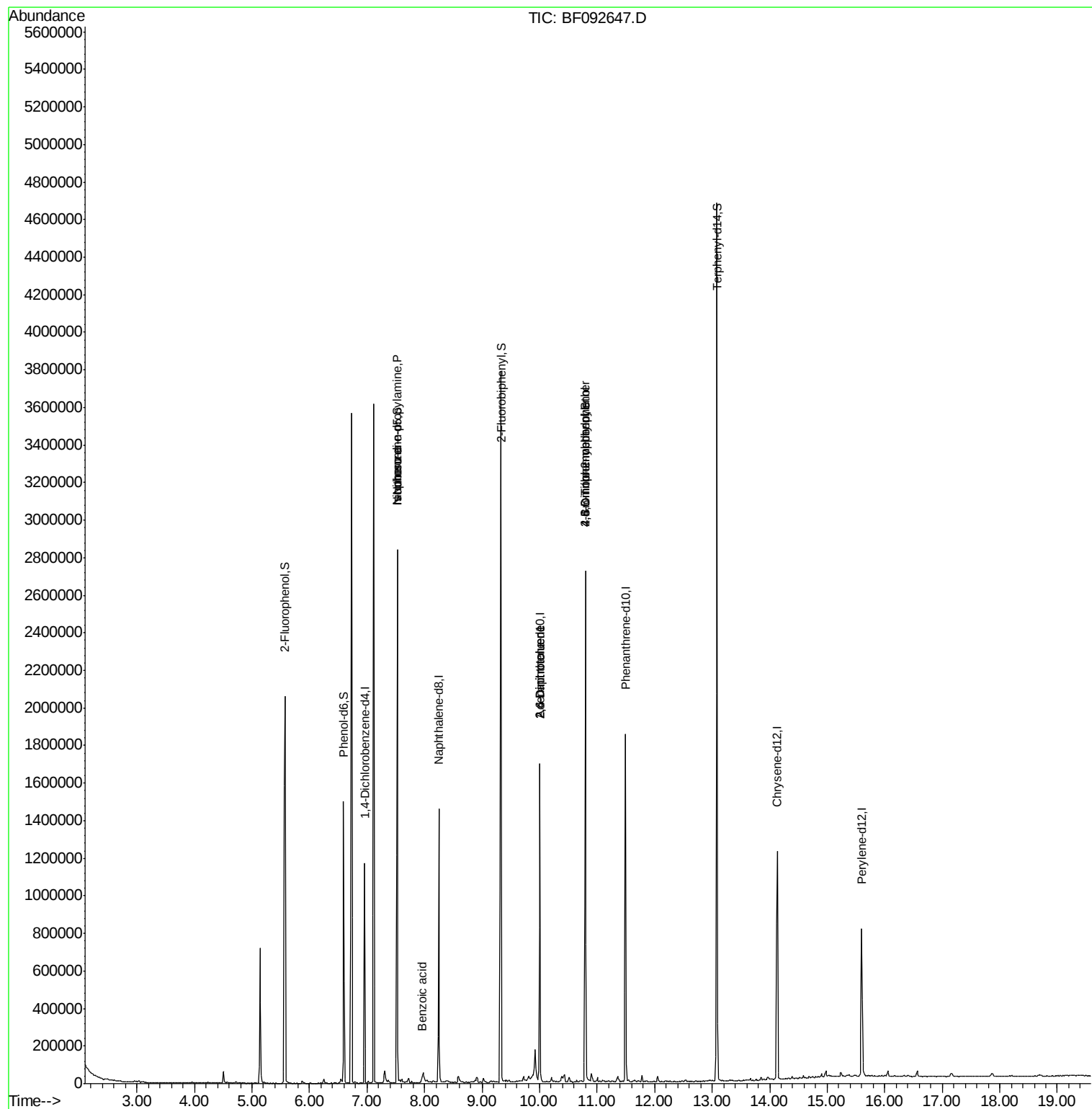
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	165305	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	638128	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	381532	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	670269	20.00	ng	0.00
75) Chrysene-d12	14.13	240	537848	20.00	ng	-0.01
86) Perylene-d12	15.60	264	357007	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	740107	76.81	ng	0.00
7) Phenol-d6	6.59	99	521610	42.07	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1008218	87.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	372524	135.00	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1929290	91.61	ng	0.00
78) Terphenyl-d14	13.08	244	1587482	69.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	135724	17.20	ng	# 80
25) Isophorone	7.53	82	975437	45.68	ng	# 65
32) Benzoic acid	7.96	122	10203	8.73	ng	# 87
50) 2,6-Dinitrotoluene	10.01	165	50968	9.18	ng	# 31
56) 2,4-Dinitrotoluene	10.01	165	50969	6.90	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.80	198	829	2.86	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	25464	3.64	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: BF092647.D

Acq: 30 Jan 2017 21:32

Instrument :

BNA_F

ClientSampleId :

ELT-GW-01

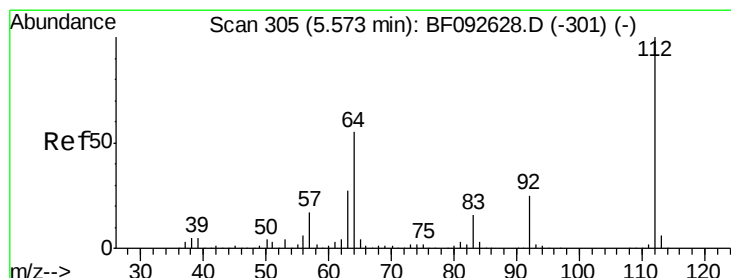
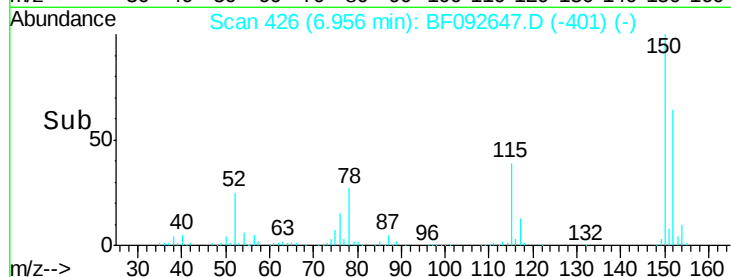
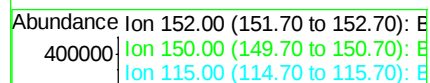
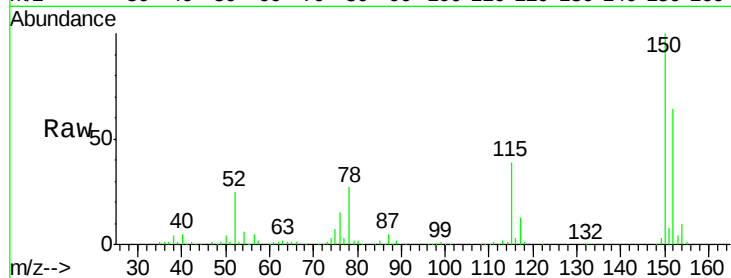
Tgt Ion:152 Resp: 165305

Ion Ratio Lower Upper

152 100

150 155.3 124.9 187.3

115 60.5 46.0 69.0



#5

2-Fluorophenol

Concen: 76.81 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.00 min

Lab File: BF092647.D

Acq: 30 Jan 2017 21:32

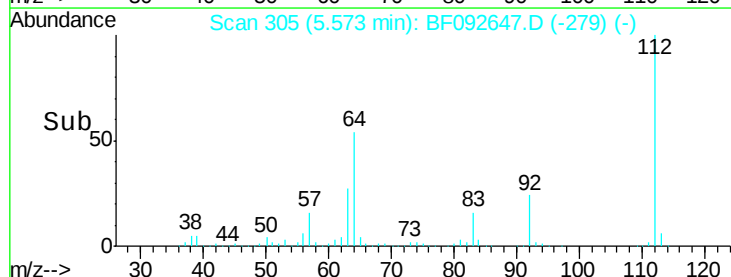
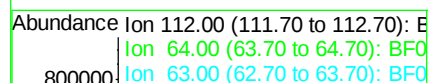
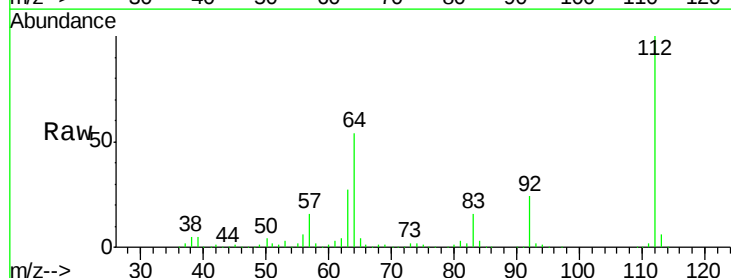
Tgt Ion:112 Resp: 740107

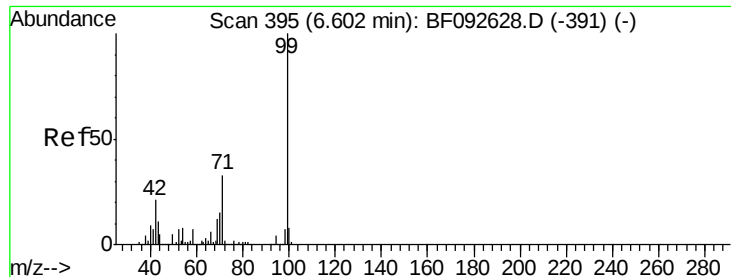
Ion Ratio Lower Upper

112 100

64 53.8 46.1 69.1

63 26.6 23.8 35.6





#7

Phenol-d6

Concen: 42.07 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092647.D

Acq: 30 Jan 2017 21:32

Instrument :

BNA_F

ClientSampleId :

ELT-GW-01

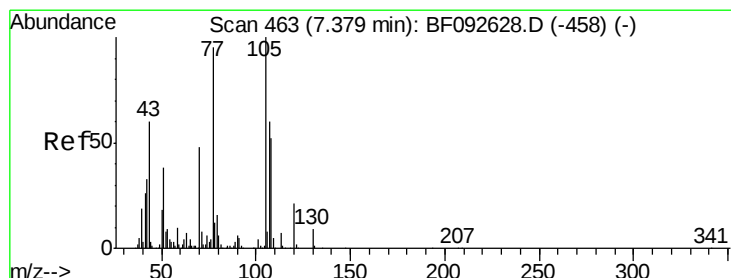
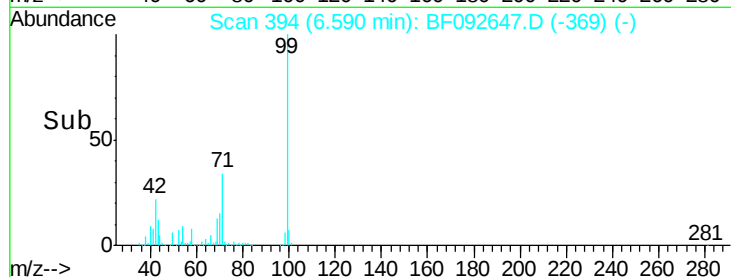
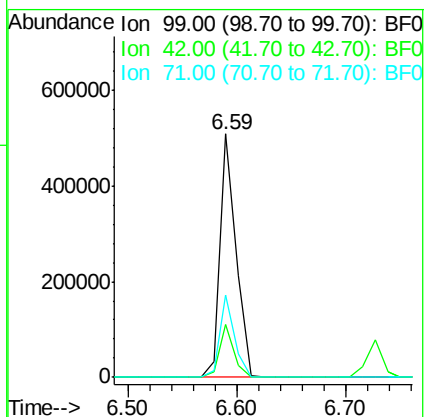
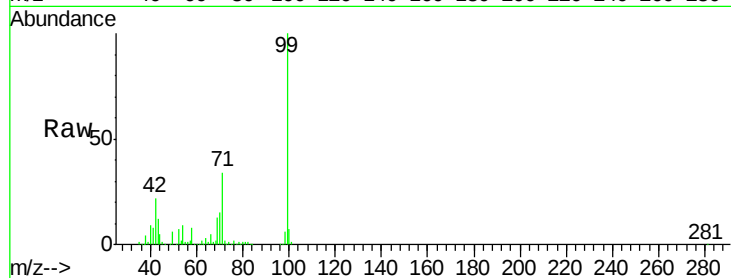
Tgt Ion: 99 Resp: 521610

Ion Ratio Lower Upper

99 100

42 21.9 15.6 23.4

71 34.0 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.20 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.15 min

Lab File: BF092647.D

Acq: 30 Jan 2017 21:32

Tgt Ion: 70 Resp: 135724

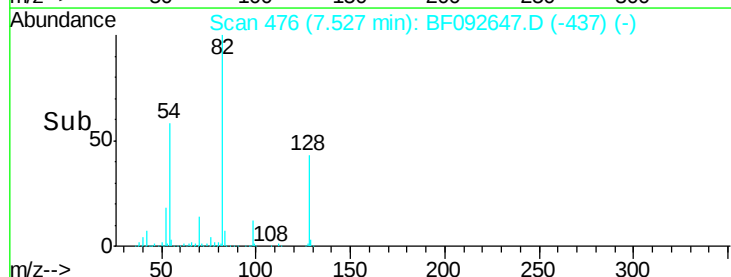
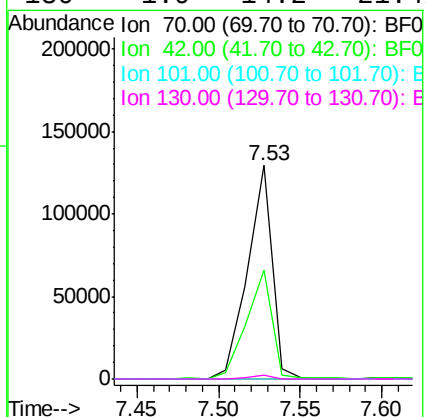
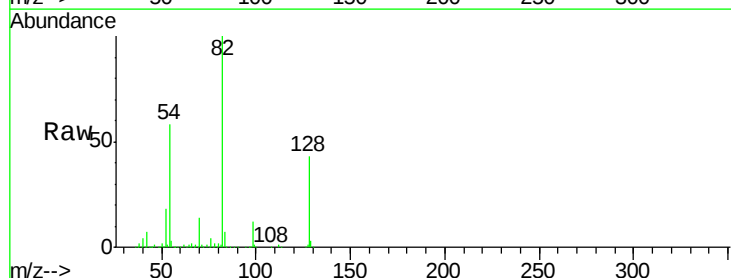
Ion Ratio Lower Upper

70 100

42 50.7 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

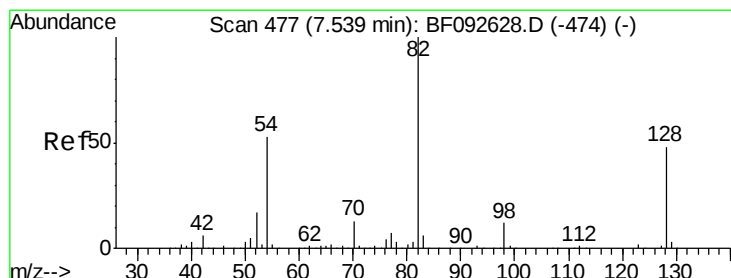
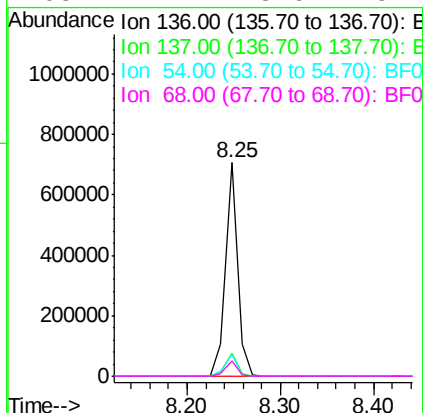
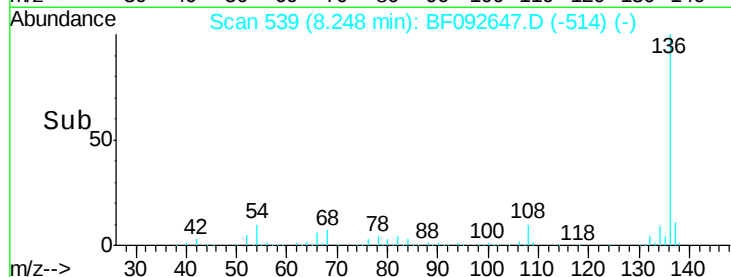
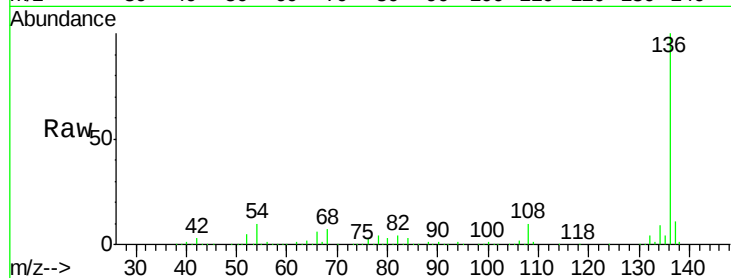




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF092647.D
Acq: 30 Jan 2017 21:32

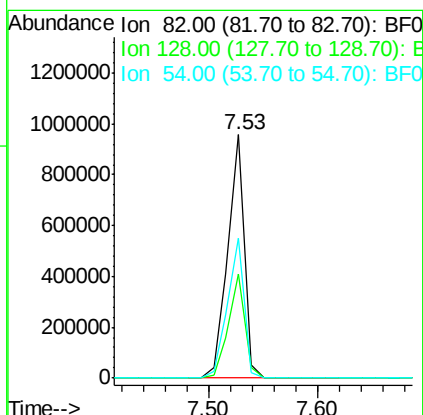
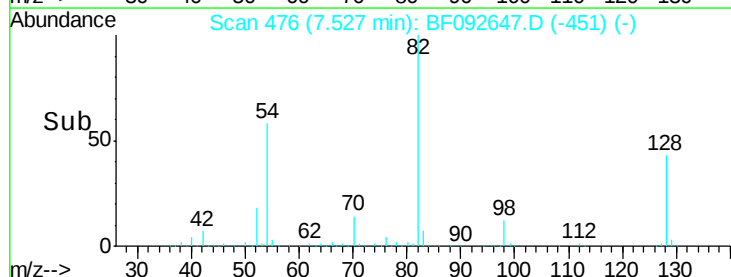
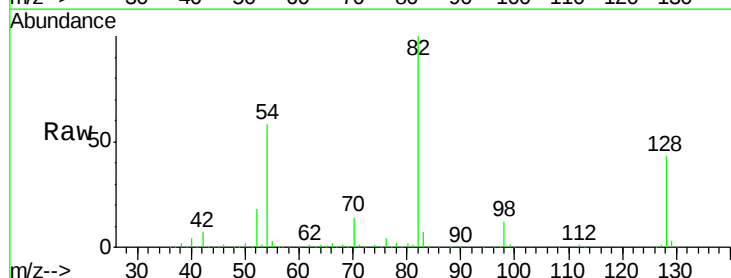
Instrument :
BNA_F
ClientSampleId :
ELT-GW-01

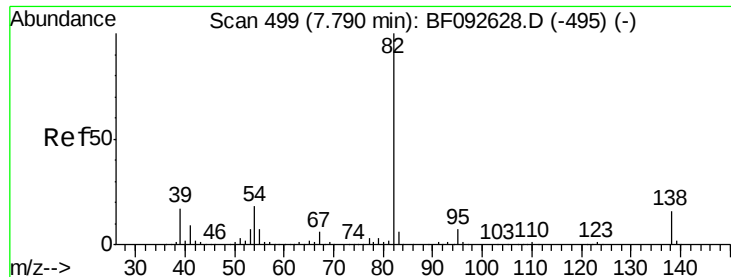
Tgt Ion:	136	Resp:	638128
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	10.3	4.5	6.7#
68	7.1	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 87.98 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092647.D
Acq: 30 Jan 2017 21:32

Tgt Ion:	82	Resp:	1008218
Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.6	52.0
54	57.6	39.5	59.3





#25

Isophorone

Concen: 45.68 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.26 min

Lab File: BF092647.D

Acq: 30 Jan 2017 21:32

Instrument :

BNA_F

ClientSampleId :

ELT-GW-01

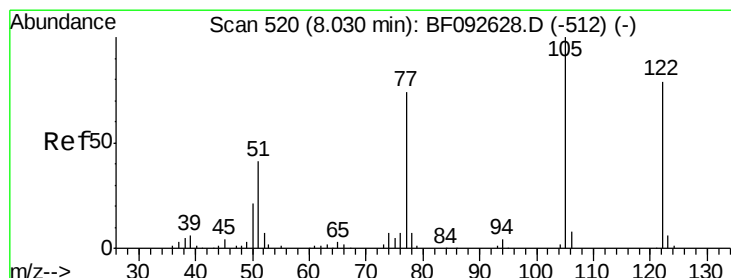
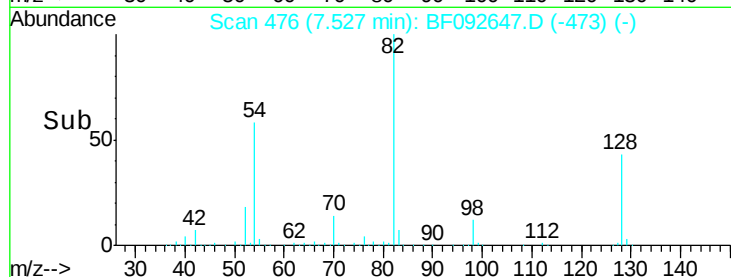
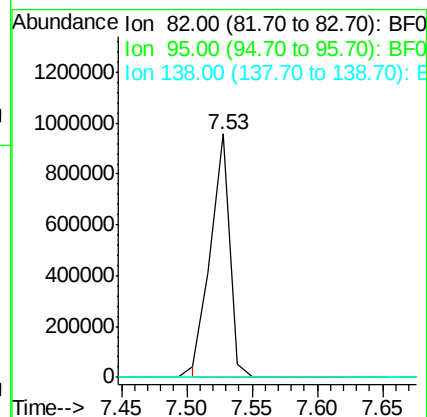
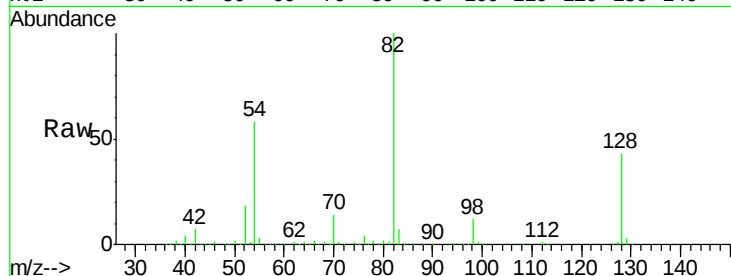
Tgt Ion: 82 Resp: 975437

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#32

Benzoic acid

Concen: 8.73 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.07 min

Lab File: BF092647.D

Acq: 30 Jan 2017 21:32

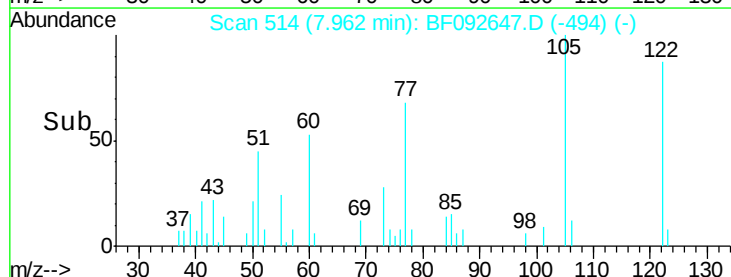
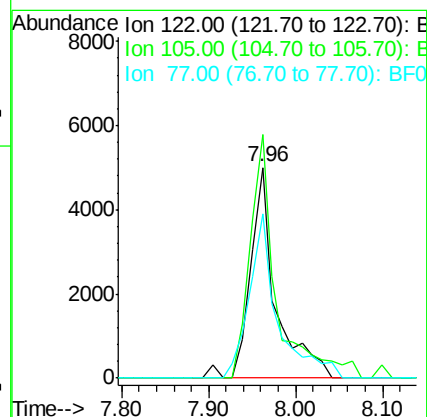
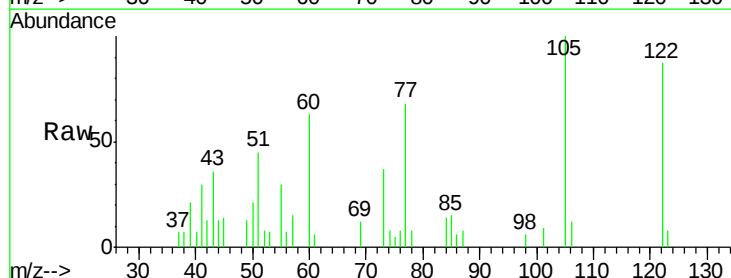
Tgt Ion: 122 Resp: 10203

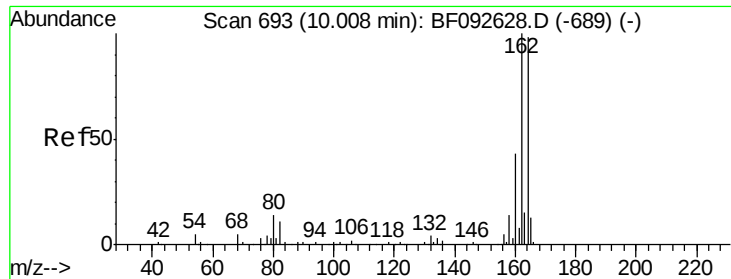
Ion Ratio Lower Upper

122 100

105 115.5 107.2 147.2

77 78.0 74.5 114.5

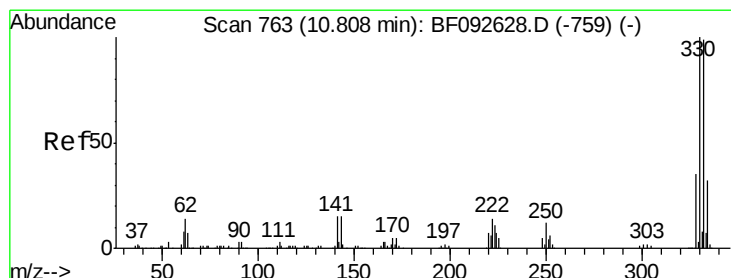
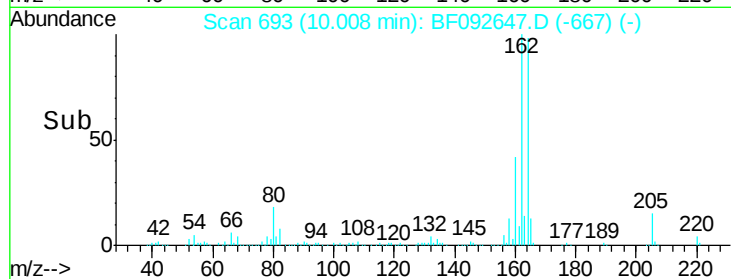
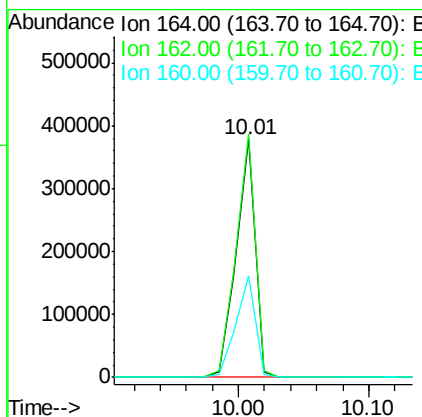
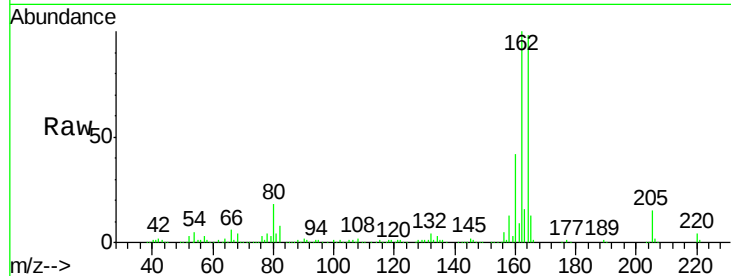




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF092647.D
 Acq: 30 Jan 2017 21:32

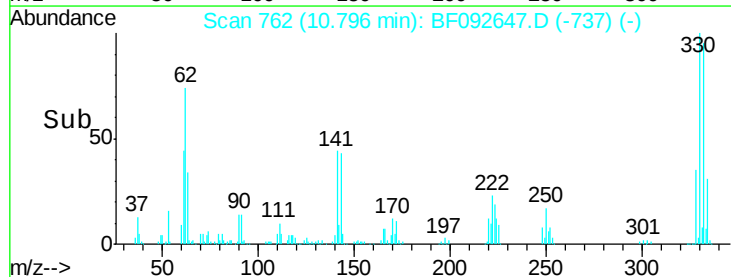
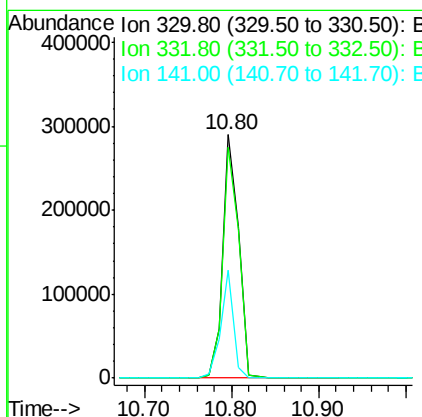
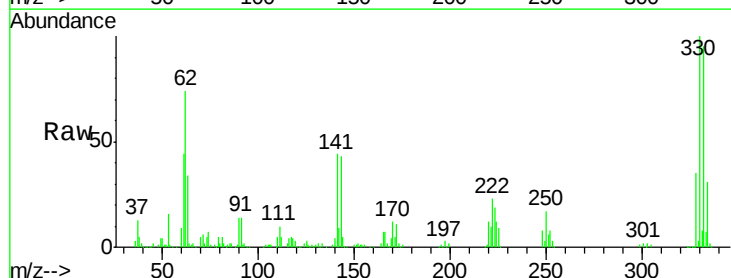
Instrument :
 BNA_F
 ClientSampleId :
 ELT-GW-01

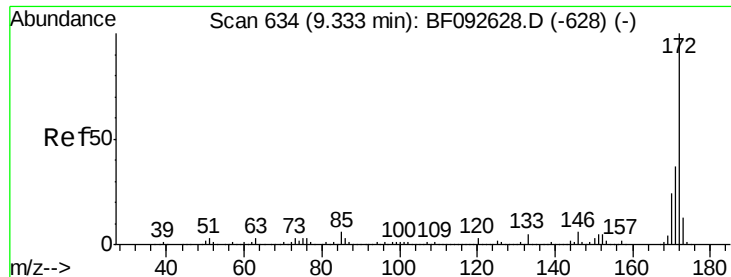
Tgt Ion:164 Resp: 381532
 Ion Ratio Lower Upper
 164 100
 162 102.3 80.2 120.2
 160 42.8 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 135.00 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092647.D
 Acq: 30 Jan 2017 21:32

Tgt Ion:330 Resp: 372524
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 36.0 34.1 51.1

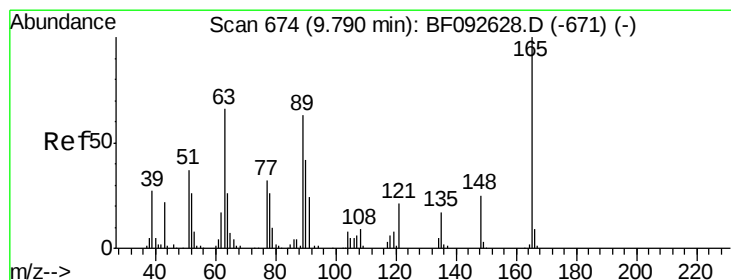
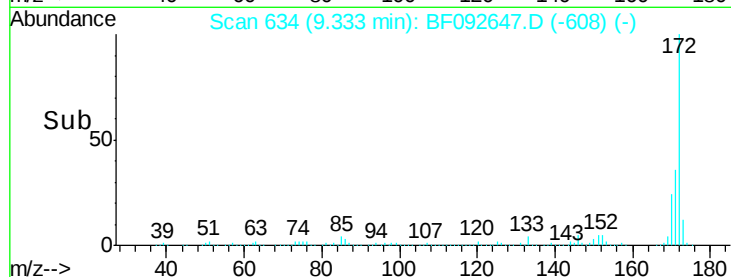
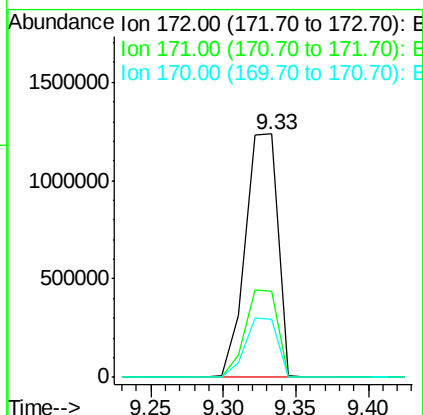
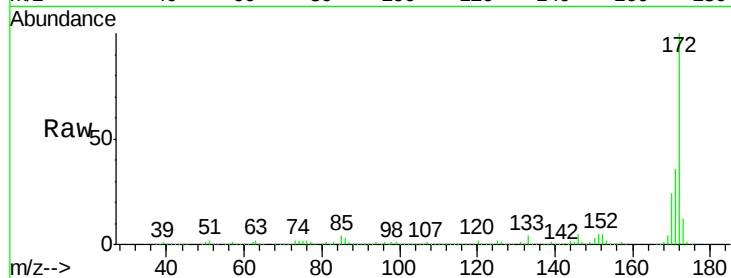




#44
 2-Fluorobiphenyl
 Concen: 91.61 ng
 RT: 9.33 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF092647.D
 Acq: 30 Jan 2017 21:32

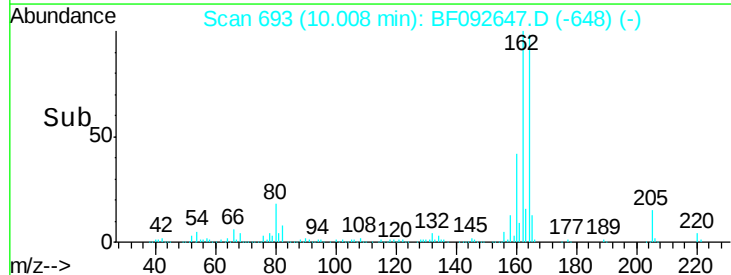
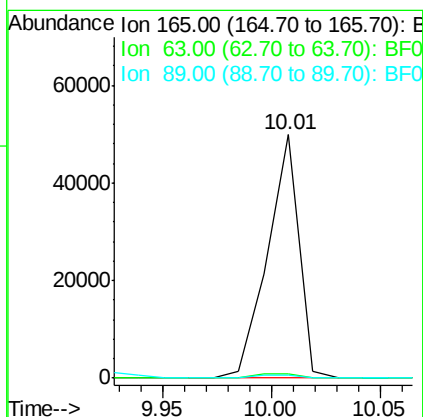
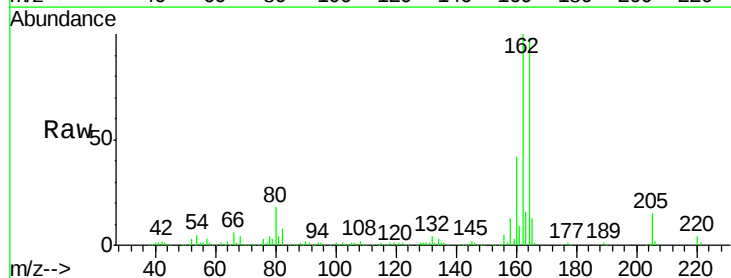
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 ClientSampleId :
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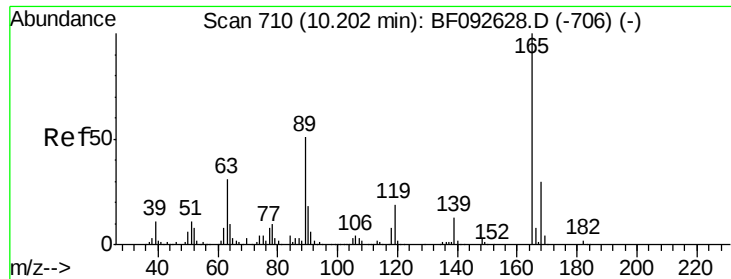
Tgt Ion:172 Resp: 1929290
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 24.1 20.2 30.4



#50
 2,6-Dinitrotoluene
 Concen: 9.18 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.22 min
 Lab File: BF092647.D
 Acq: 30 Jan 2017 21:32

Tgt Ion:165 Resp: 50968
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.2 54.4#
 89 1.4 40.2 60.4#

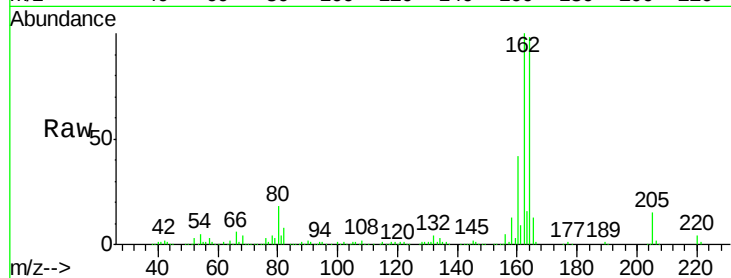




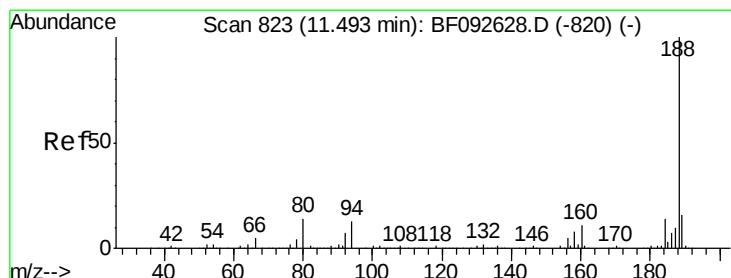
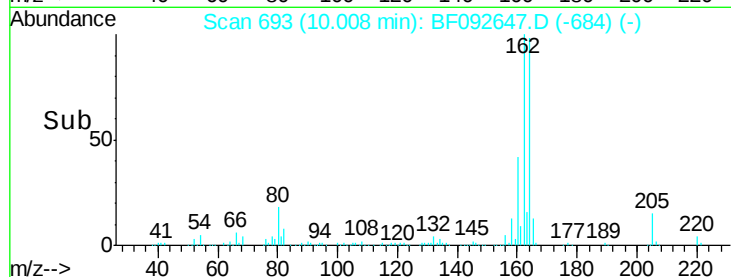
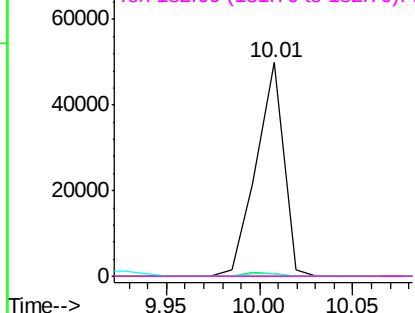
#56
 2,4-Dinitrotoluene
 Concen: 6.90 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.19 min
 Lab File: BF092647.D
 Acq: 30 Jan 2017 21:32

Instrument :
 BNA_F
 ClientSampleId :
 ELT-GW-01

Tgt Ion:165 Resp: 50969
 Ion Ratio Lower Upper
 165 100
 63 1.5 40.2 60.4#
 89 1.4 62.5 93.7#
 182 0.0 1.8 2.8#

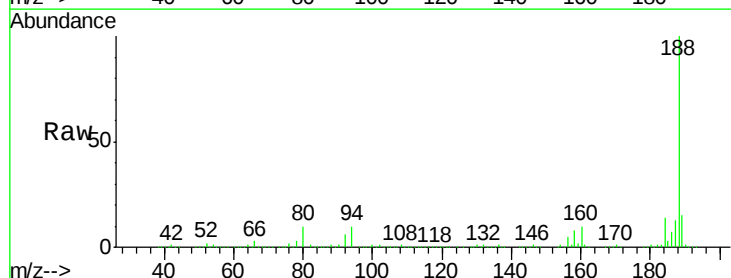


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

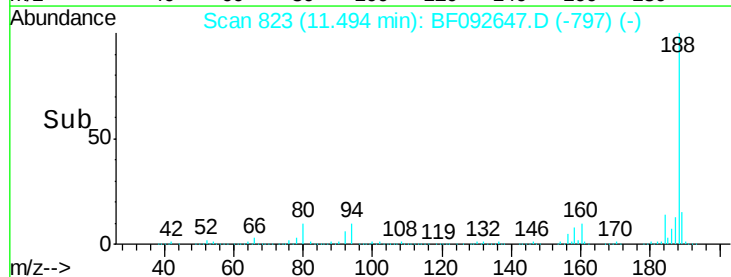
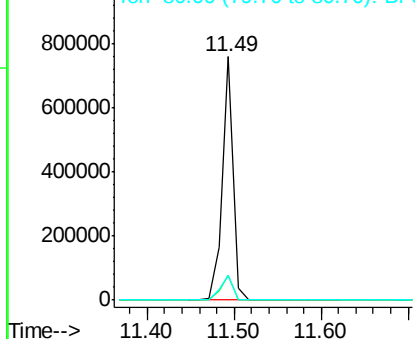


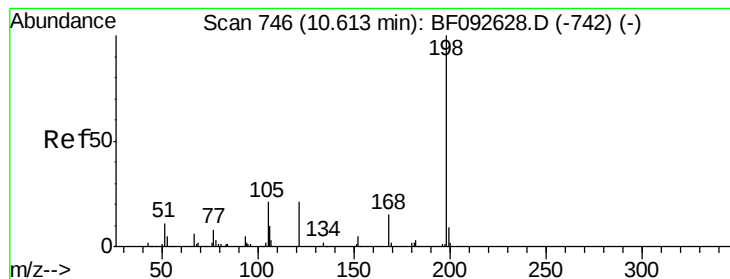
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF092647.D
 Acq: 30 Jan 2017 21:32

Tgt Ion:188 Resp: 670269
 Ion Ratio Lower Upper
 188 100
 94 9.9 10.0 15.0#
 80 10.3 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: 2.86 ng

RT: 10.80 min Scan# 762

Delta R.T. 0.18 min

Lab File: BF092647.D

Acq: 30 Jan 2017 21:32

Instrument :

BNA_F

ClientSampleId :

ELT-GW-01

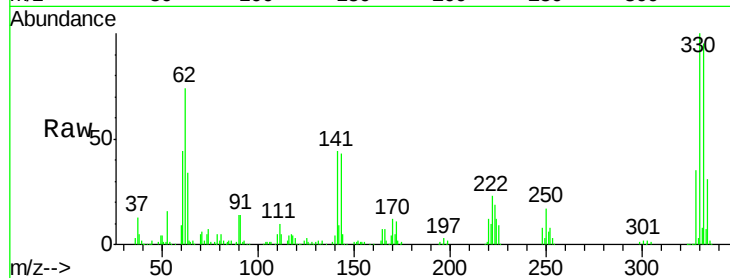
Tgt Ion:198 Resp: 829

Ion Ratio Lower Upper

198 100

51 191.4 6.7 46.7#

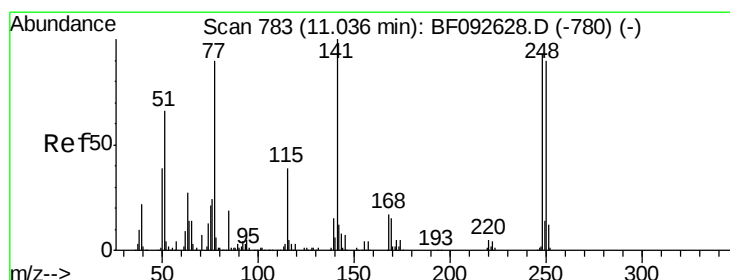
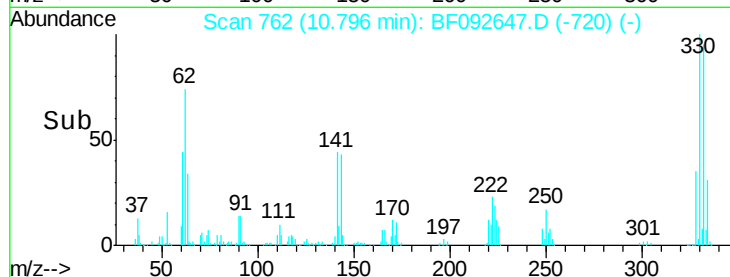
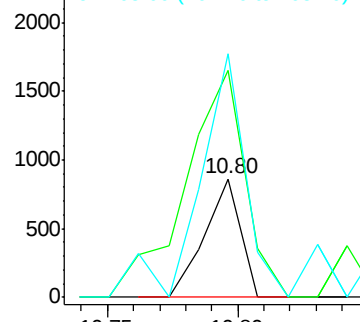
105 205.8 16.6 56.6#



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: 3.64 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.24 min

Lab File: BF092647.D

Acq: 30 Jan 2017 21:32

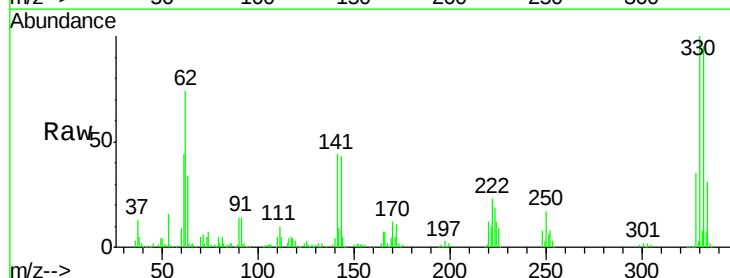
Tgt Ion:248 Resp: 25464

Ion Ratio Lower Upper

248 100

250 207.2 76.9 115.3#

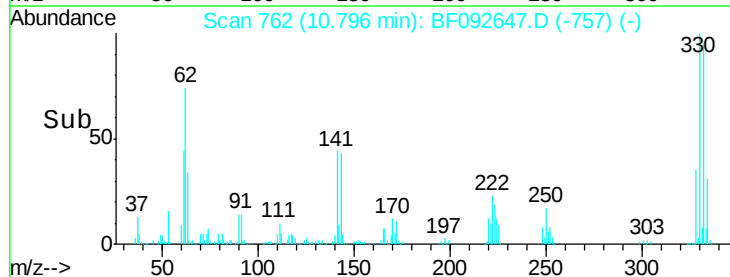
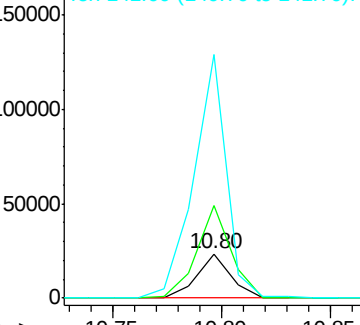
141 548.7 68.2 102.4#

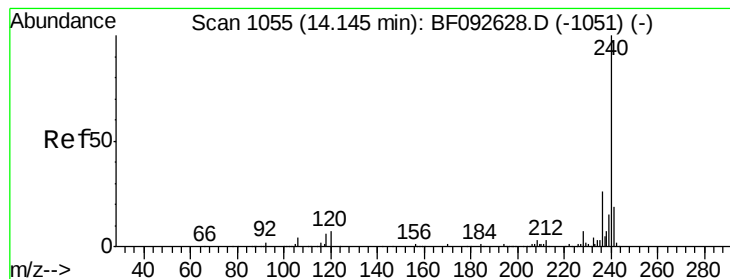


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.13 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF092647.D

Acq: 30 Jan 2017 21:32

Instrument :

BNA_F

ClientSampleId :

ELT-GW-01

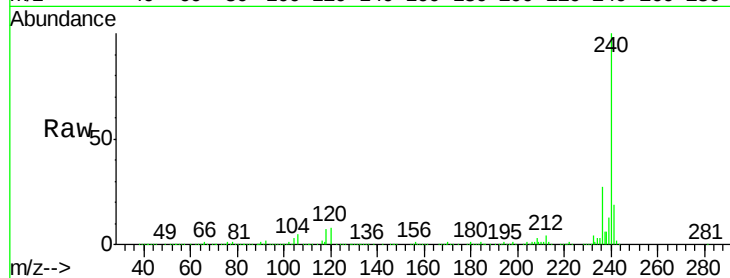
Tgt Ion:240 Resp: 537848

Ion Ratio Lower Upper

240 100

120 8.4 12.9 19.3#

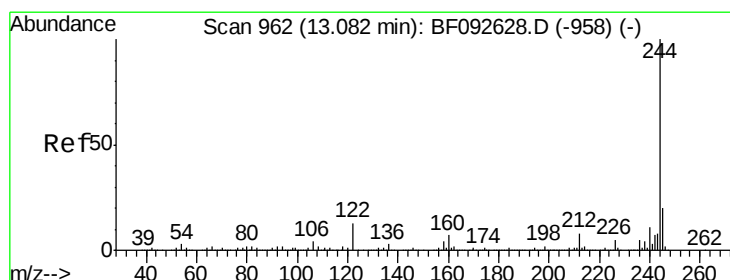
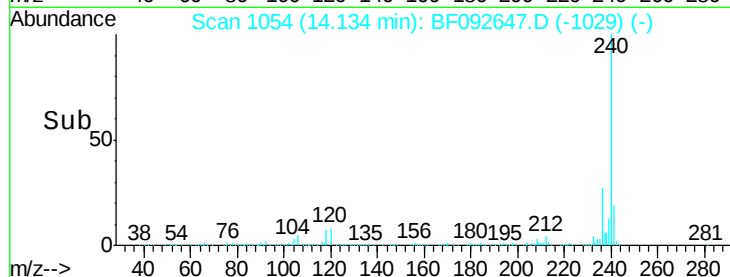
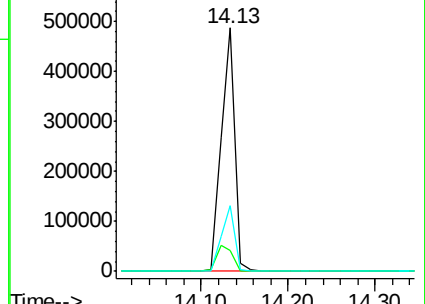
236 26.8 20.9 31.3



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: 69.35 ng

RT: 13.08 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF092647.D

Acq: 30 Jan 2017 21:32

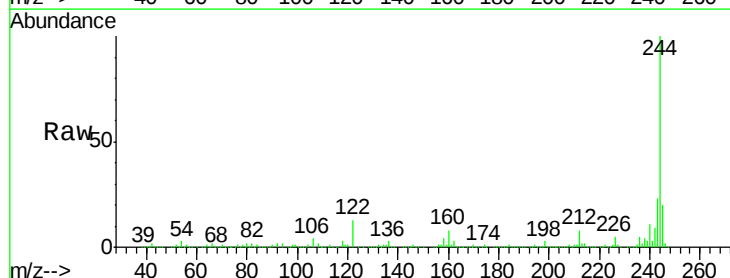
Tgt Ion:244 Resp: 1587482

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

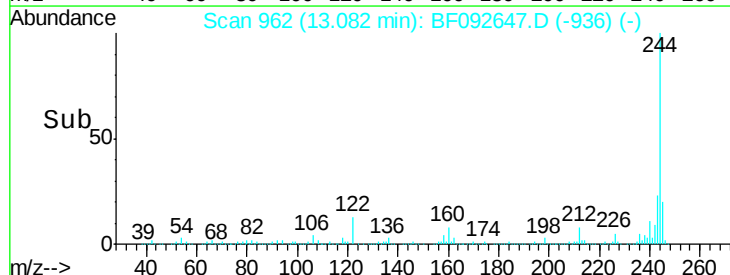
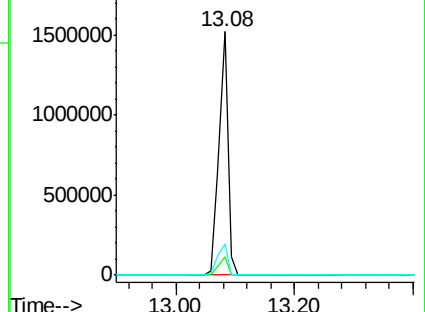
122 12.6 11.4 17.2

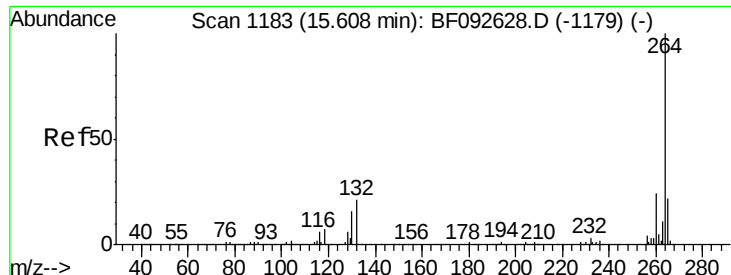


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

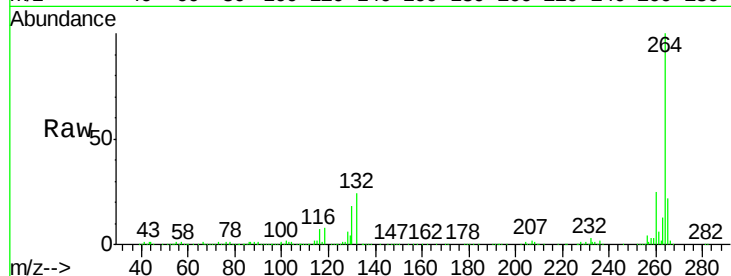




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF092647.D
Acq: 30 Jan 2017 21:32

Instrument :
BNA_F
ClientSampleId :
ELT-GW-01

Tgt Ion: 264 Resp: 357007
Ion Ratio Lower Upper
264 100
260 24.7 19.2 28.8
265 21.5 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

