

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 01:26:35 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

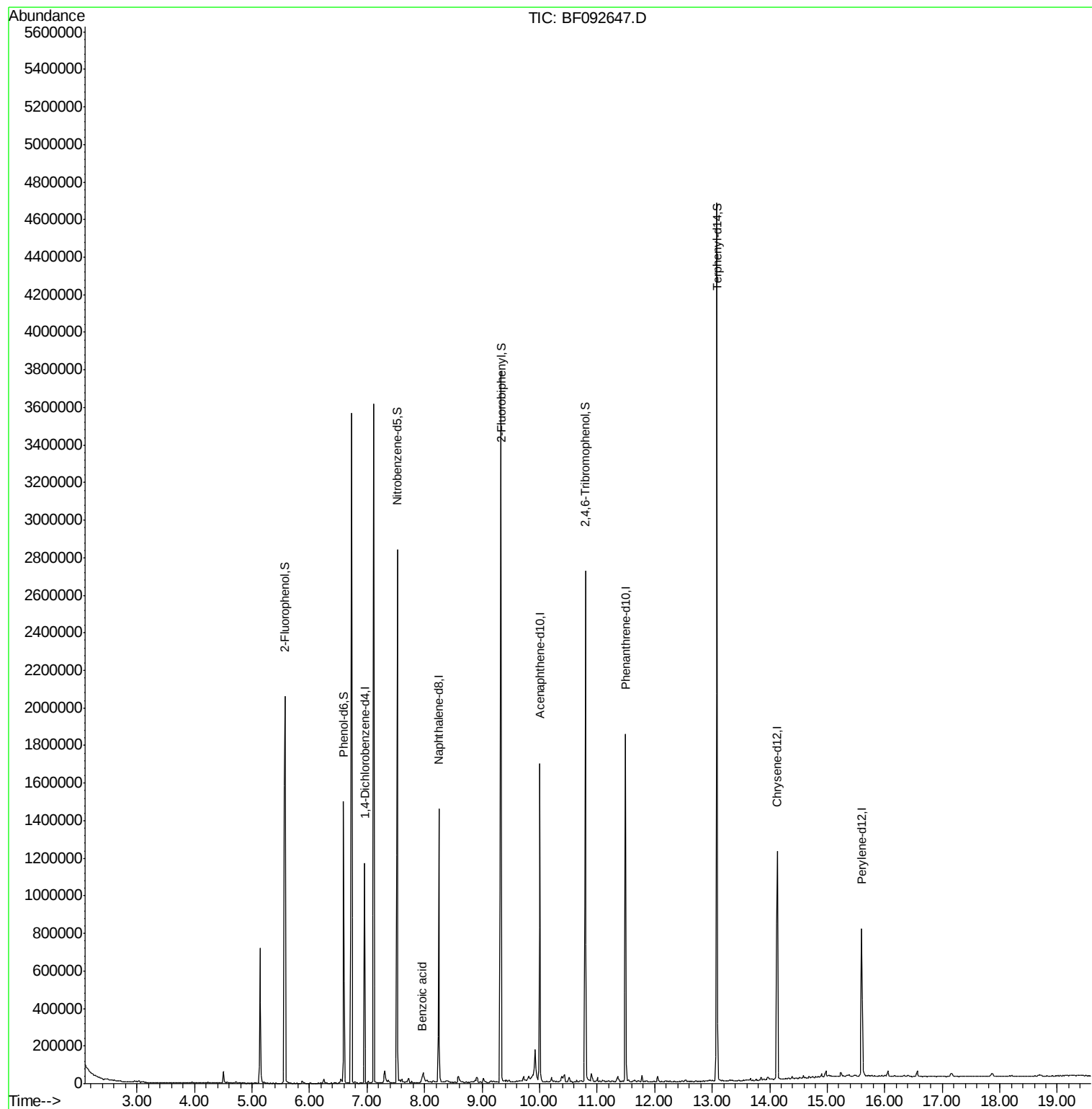
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	165305	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	638128	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	381532	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	670269	20.00	ng	0.00
75) Chrysene-d12	14.13	240	537848	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						Qvalue
32) Benzoic acid	7.96	122	10203	8.73	ng	87

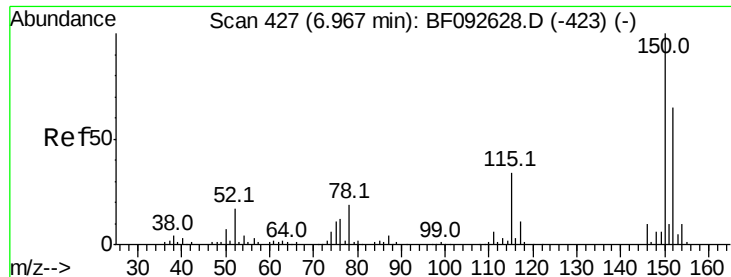
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration





#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

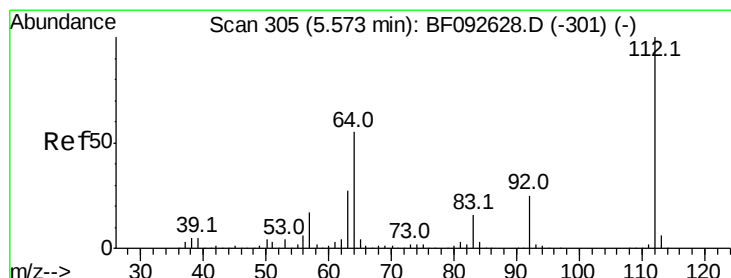
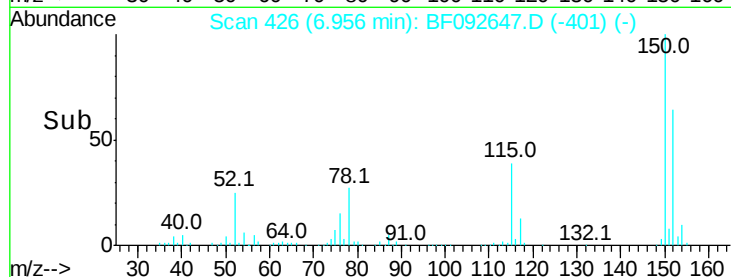
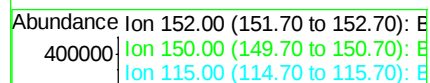
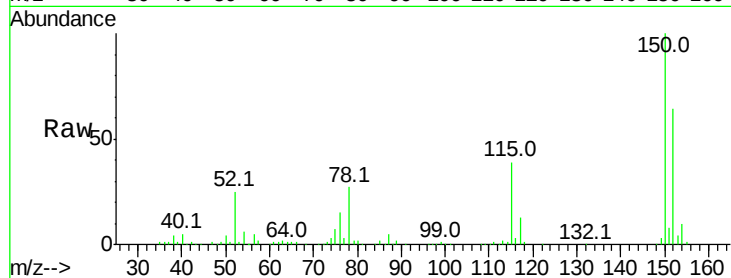
Tot Ion:152 Resp: 165305

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

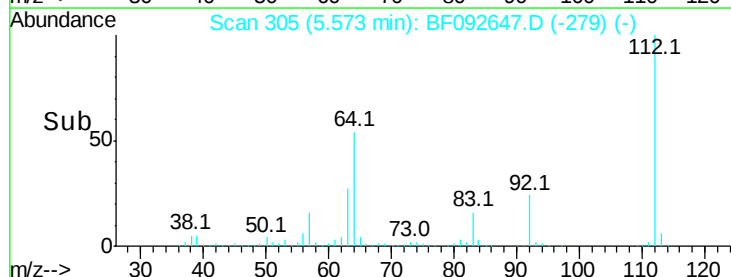
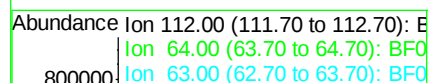
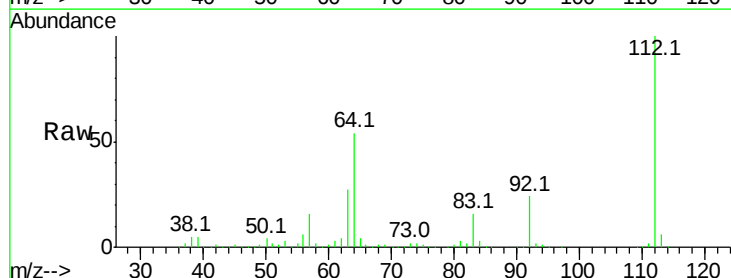
Tgt Ion:112 Resp: 740107

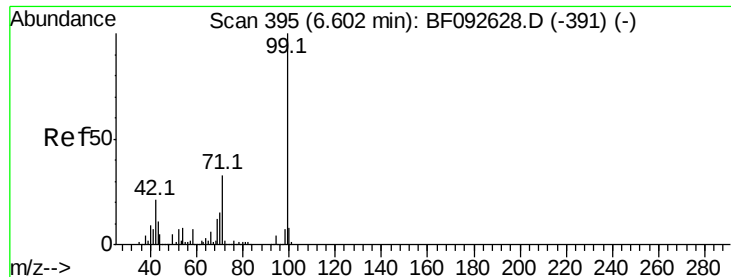
Ion Ratio Lower Upper

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

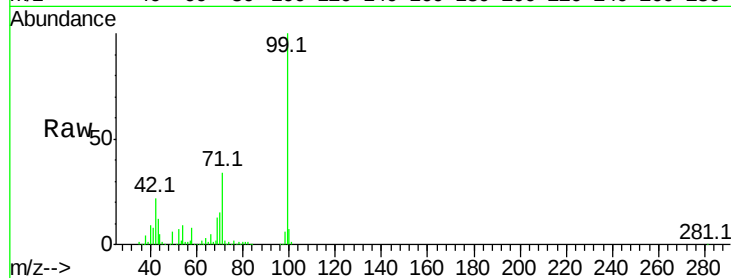
Tot Ion: 99 Resp: 521610

Ion Ratio Lower Upper

99 100

42 21.9 15.6 23.4

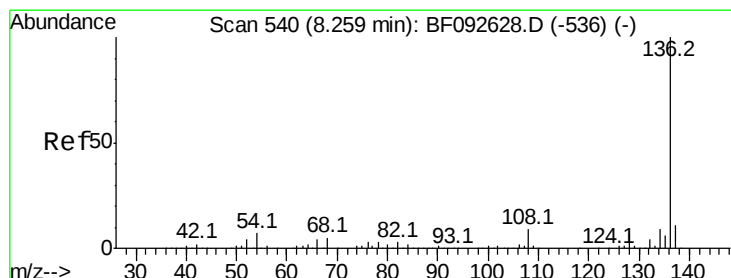
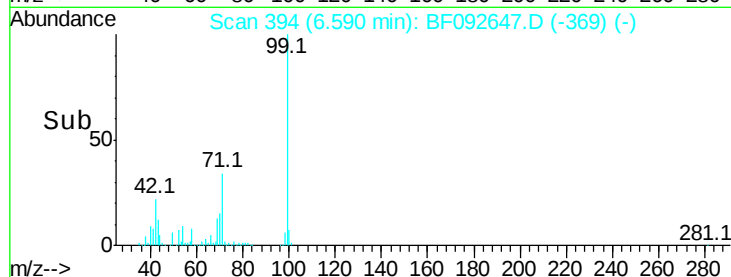
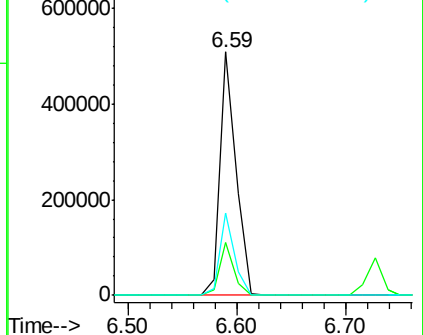
71 34.0 27.5 41.3



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



#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

Tgt Ion: 136 Resp: 638128

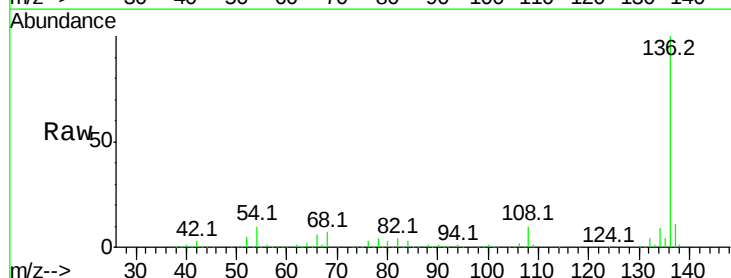
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 10.3 4.5 6.7#

68 7.1 3.6 5.4#

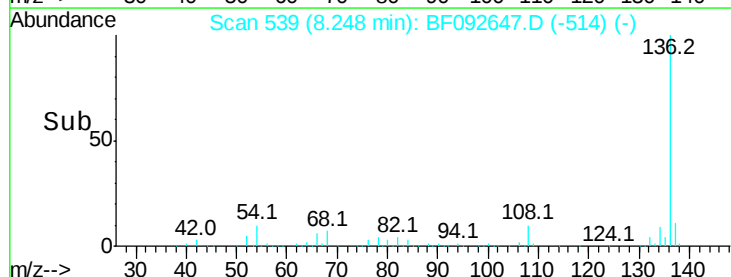
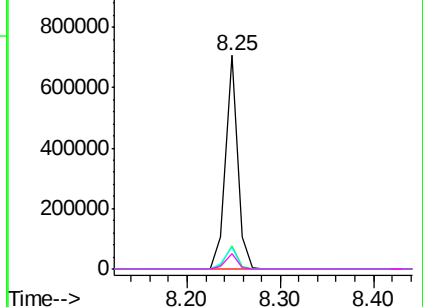


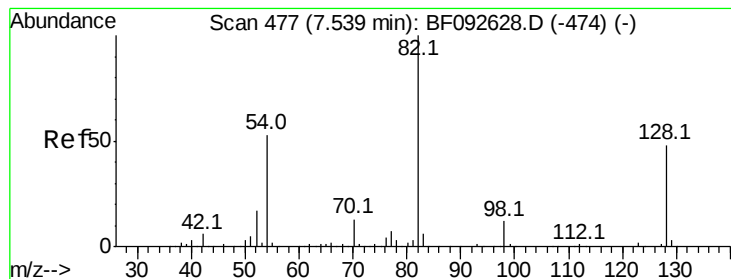
Abundance Ion 136.00 (135.70 to 136.70): E

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: 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

Instrument :

BNA_F

ClientSampled :

ELT-GW-01

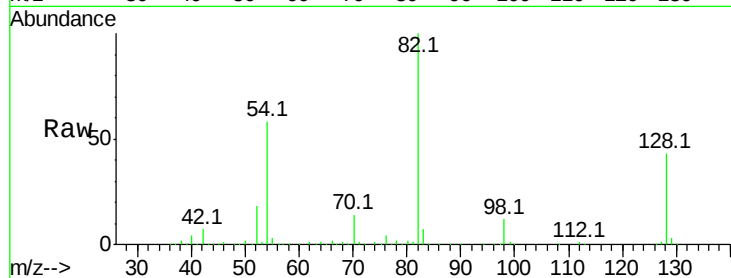
Tot Ion: 82 Resp: 1008218

Ion Ratio Lower Upper

82 100

128 43.0 34.6 52.0

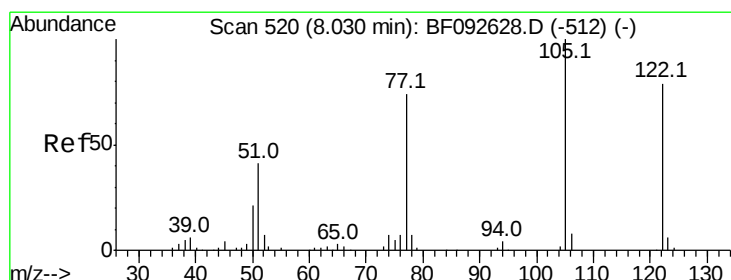
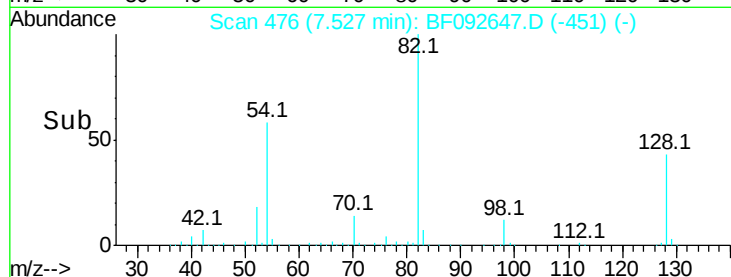
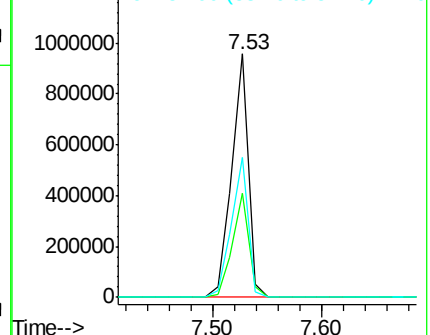
54 57.6 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#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

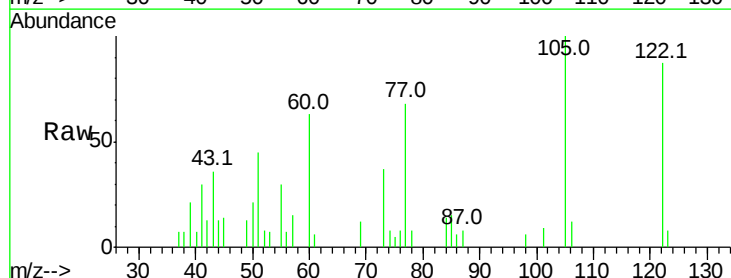
Tgt Ion:122 Resp: 10203

Ion Ratio Lower Upper

122 100

105 115.5 107.2 147.2

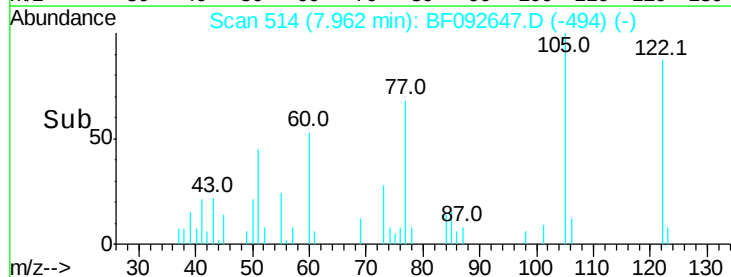
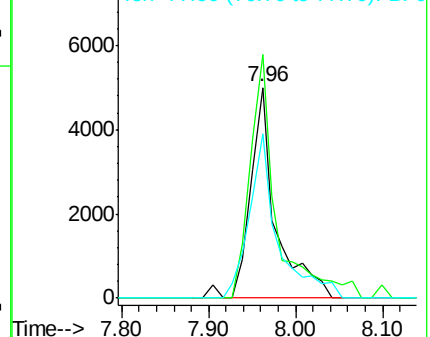
77 78.0 74.5 114.5

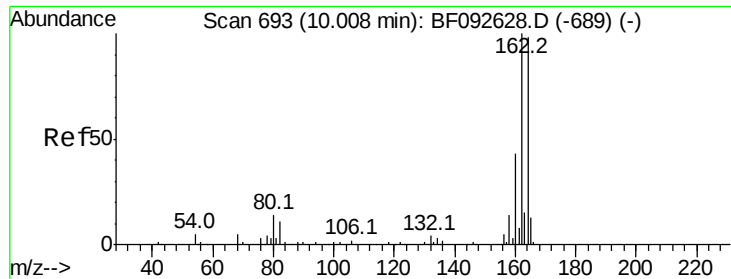


Abundance Ion 122.00 (121.70 to 122.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

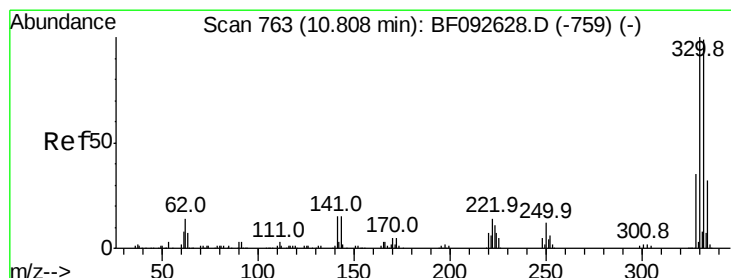
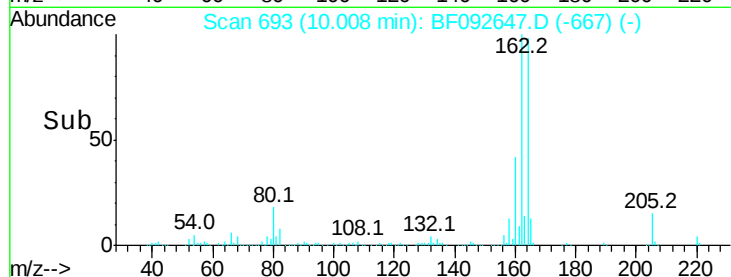
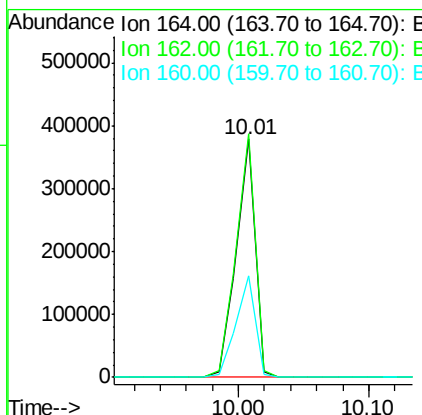
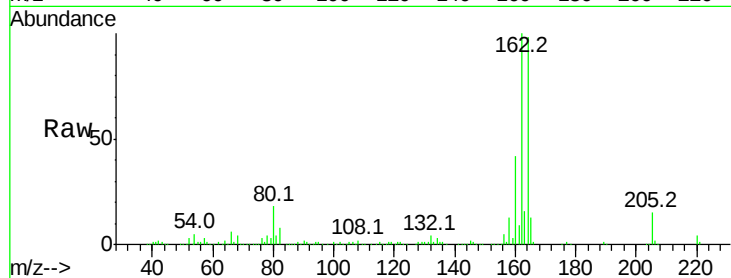




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF092647.D
Acq: 30 Jan 2017 21:32

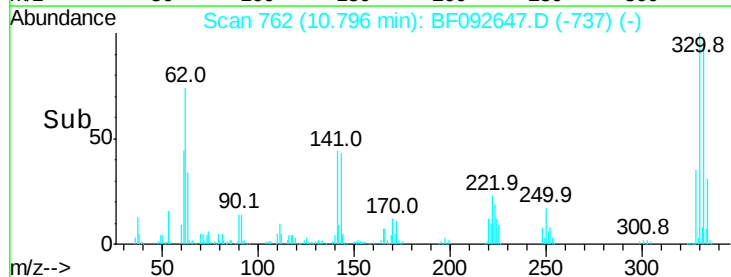
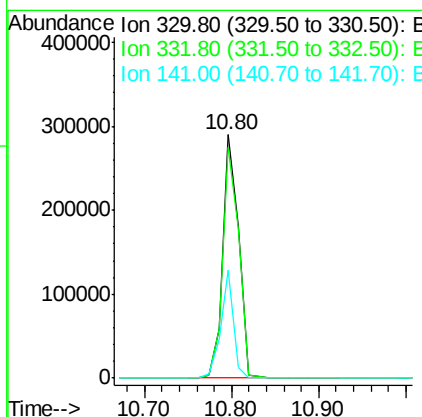
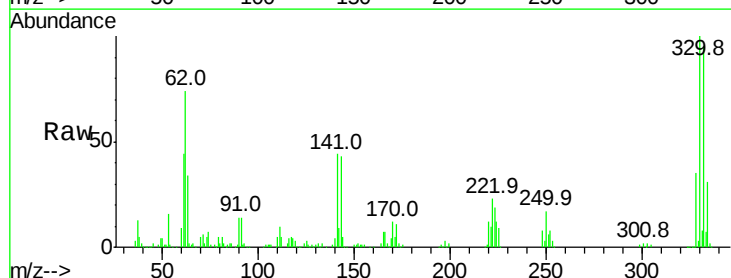
Instrument :
BNA_F
ClientSampleId :
ELT-GW-01

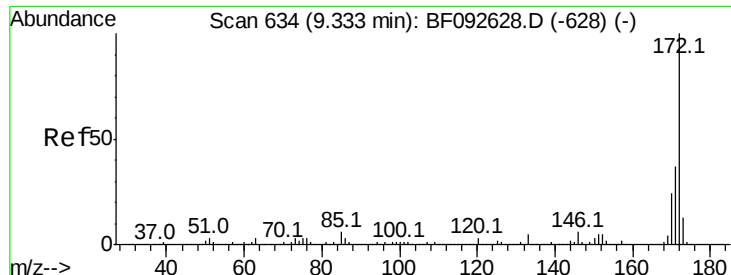
Tot Ion:164 Resp: 381532
Ion Ratio Lower Upper
164 100
162 102.3 80.2 120.2
160 42.8 36.9 55.3



#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

Instrument :

BNA_F

ClientSampleId :

ELT-GW-01

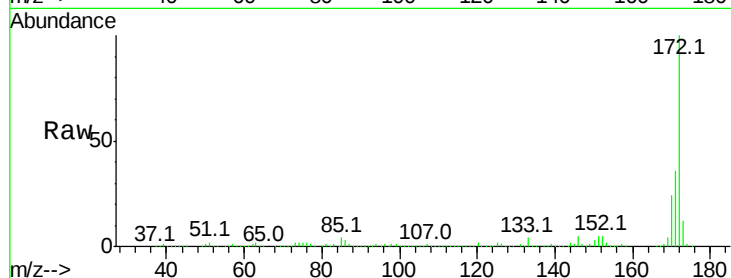
Tot Ion:172 Resp: 1929290

Ion Ratio Lower Upper

172 100

171 35.6 29.4 44.0

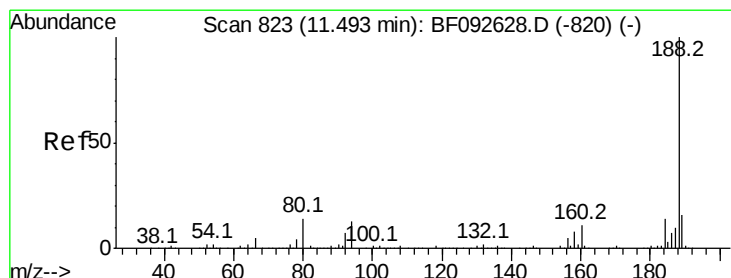
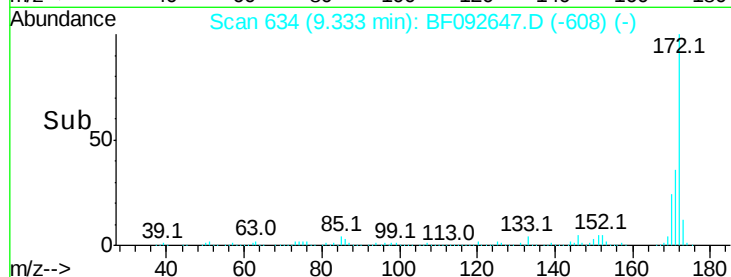
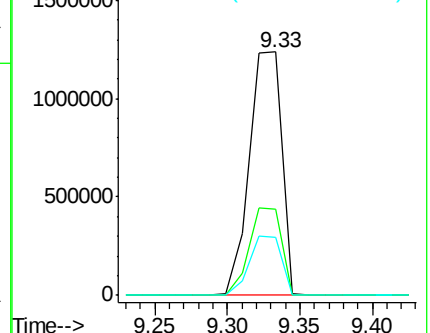
170 24.1 20.2 30.4



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



#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

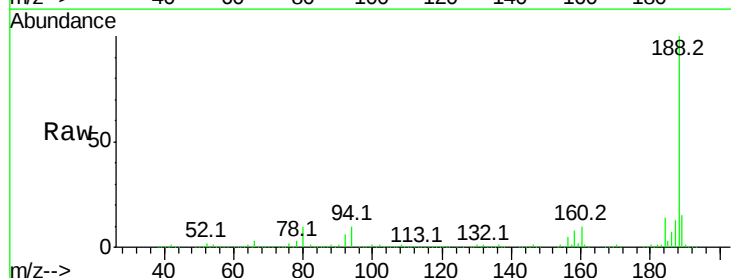
Tgt Ion:188 Resp: 670269

Ion Ratio Lower Upper

188 100

94 9.9 10.0 15.0#

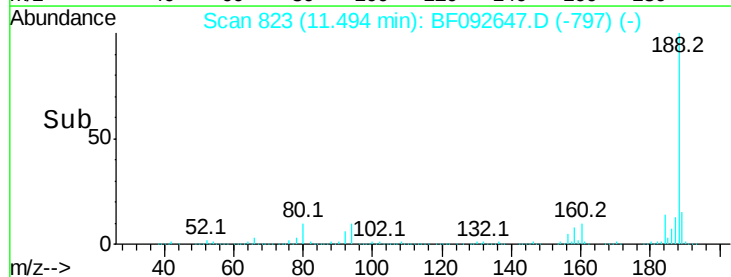
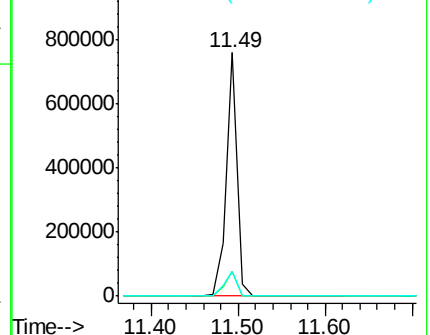
80 10.3 11.2 16.8#

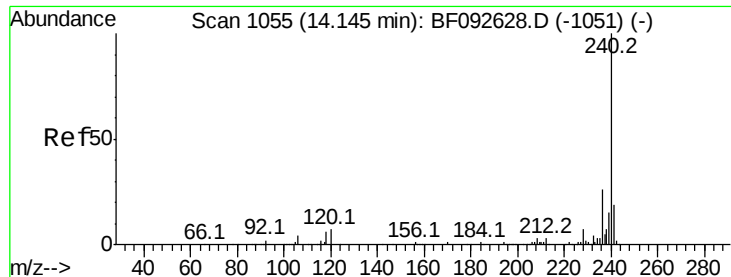


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#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

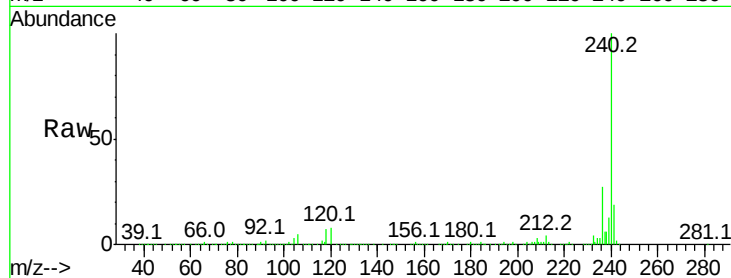
Tot Ion:240 Resp: 537848

Ion Ratio Lower Upper

240 100

120 8.4 12.9 19.3#

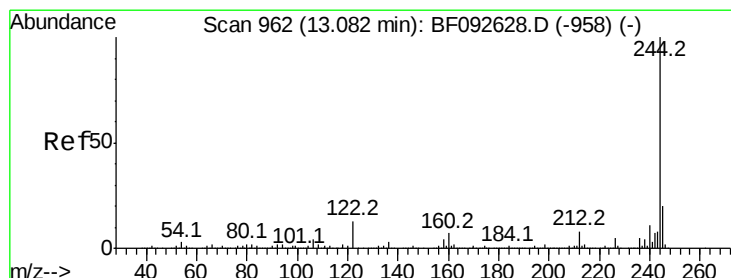
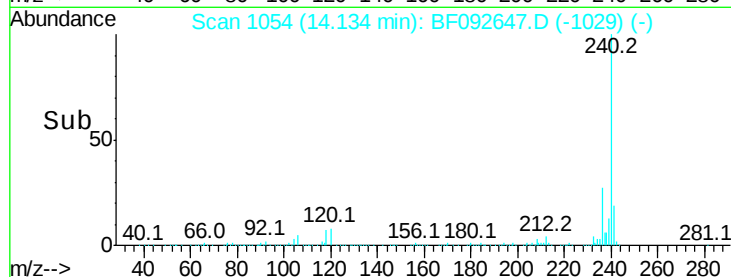
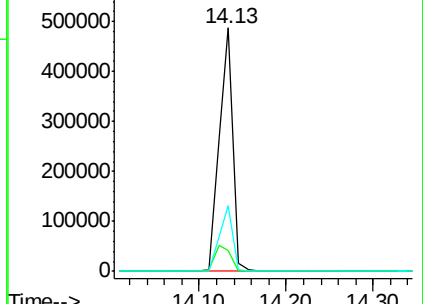
236 26.8 20.9 31.3



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

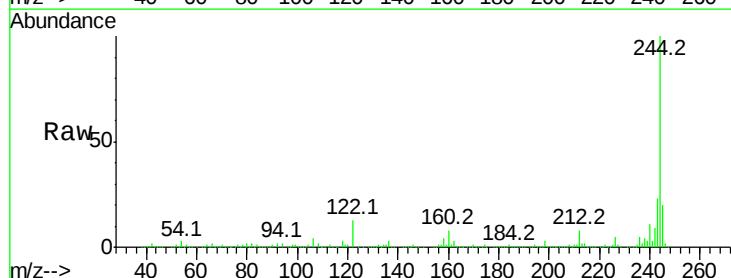
Tgt Ion:244 Resp: 1587482

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

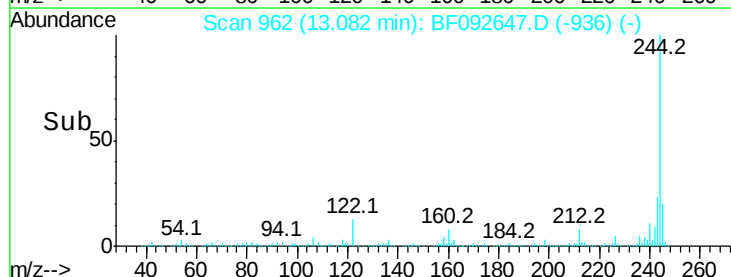
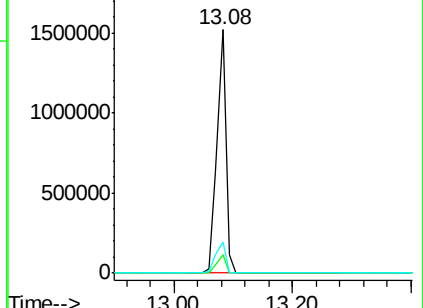
122 12.6 11.4 17.2

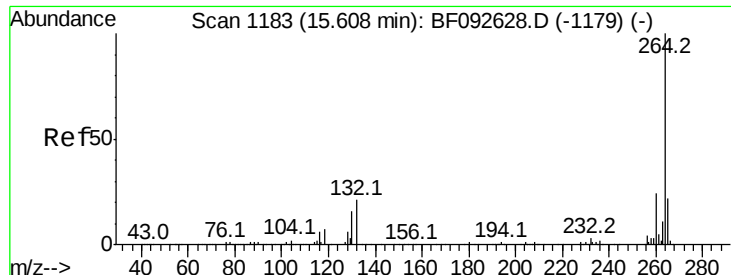


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

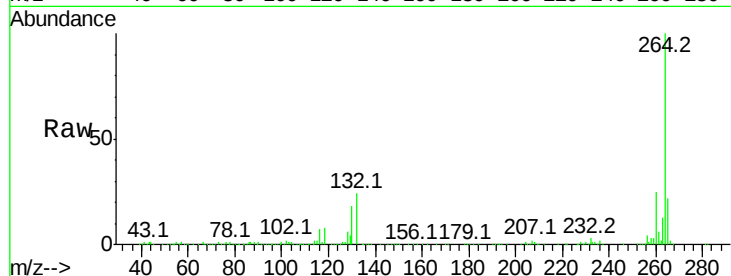




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF092647.D
 Acq: 30 Jan 2017 21:32

Instrument :
 BNA_F
 ClientSampleId :
 ELT-GW-01

Tot 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

