

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092816\
 Data File : BG024156.D
 Acq On : 28 Sep 2016 22:04
 Operator : UM/SJ
 Sample : H5002-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-1

Quant Time: Sep 29 01:07:31 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

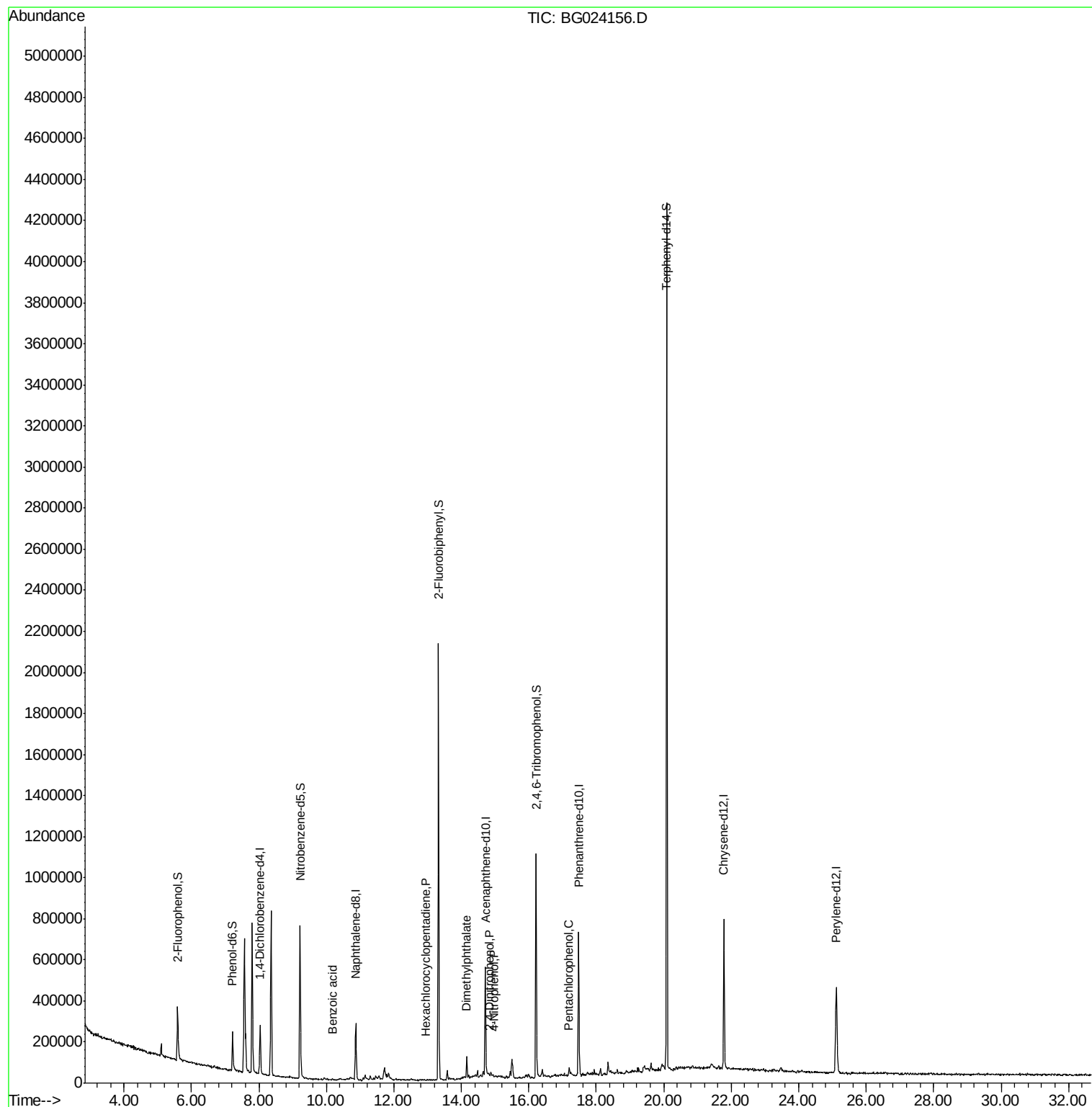
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	48413	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	232137	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	183005	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	411284	20.00	ng	0.00
75) Chrysene-d12	21.79	240	471229	20.00	ng	0.00
86) Perylene-d12	25.11	264	474742	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	117652	42.10	ng	0.00
7) Phenol-d6	7.22	99	120973	25.73	ng	0.00
23) Nitrobenzene-d5	9.22	82	513551	87.19	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	188648	71.72	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1027585	94.39	ng	0.00
78) Terphenyl-d14	20.09	244	1578142	68.57	ng	0.00
Target Compounds						
32) Benzoic acid	10.18	122	130	2.20	ng	# 1
40) Hexachlorocyclopentadiene	12.93	237	60	3.61	ng	# 26
49) Dimethylphthalate	14.16	163	66669	4.75	ng	# 94
53) 2,4-Dinitrophenol	14.84	184	66	2.49	ng	# 14
55) 4-Nitrophenol	14.96	139	491	5.54	ng	# 16
69) Pentachlorophenol	17.17	266	173	3.62	ng	# 18

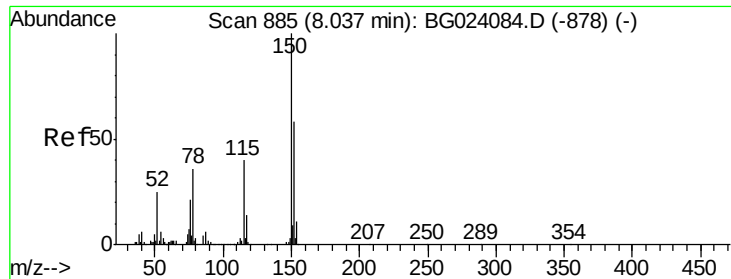
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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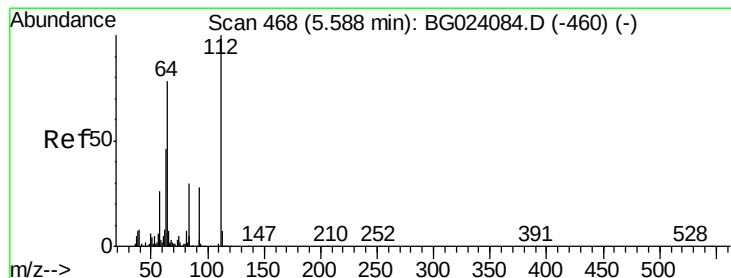
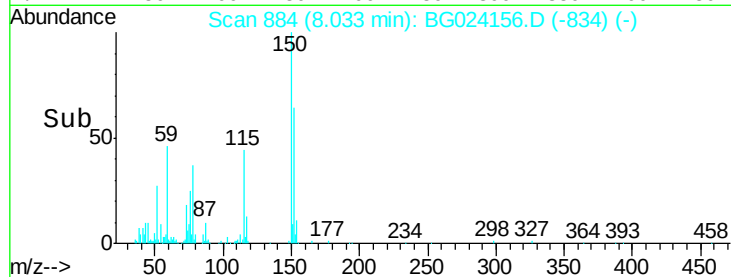
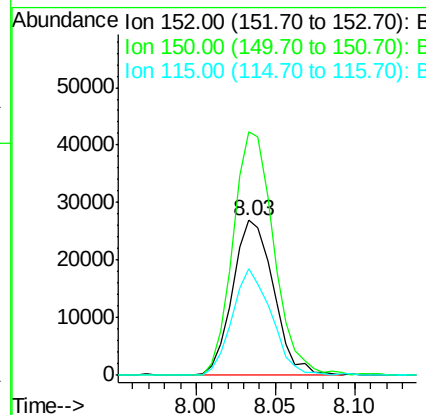
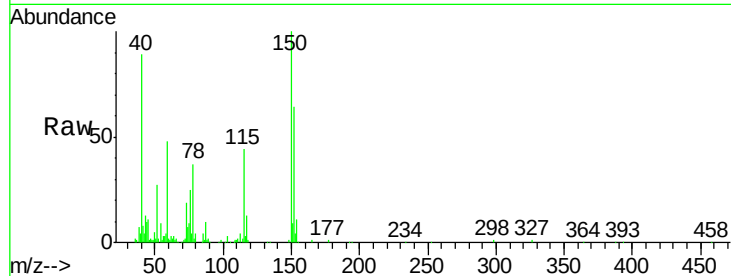


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.03 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BG024156.D
 Acq: 28 Sep 2016 22:04

Instrument :
 BNA_G
 ClientSampleId :
 SS-1

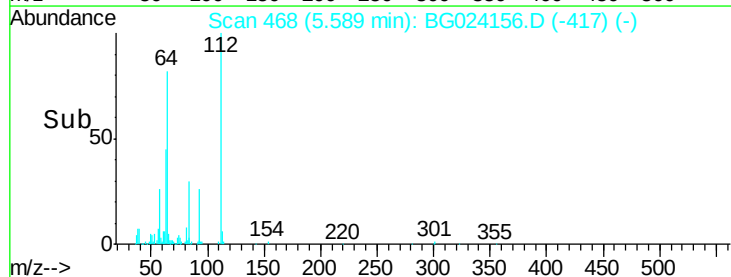
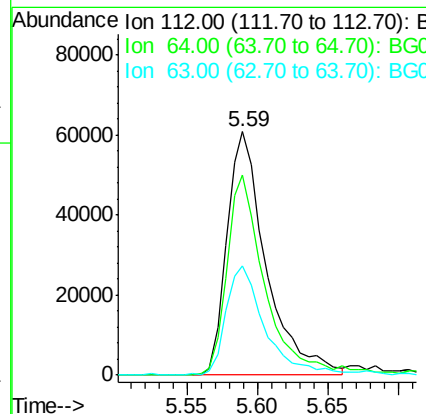
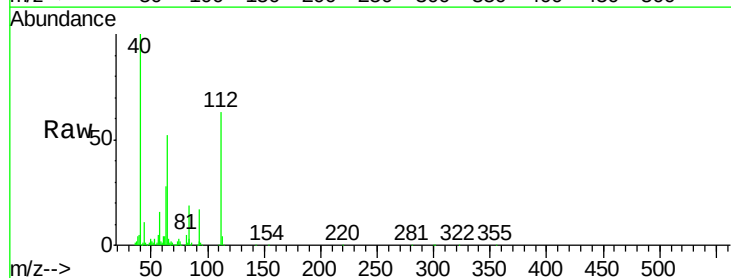
Tgt Ion:152 Resp: 48413
 Ion Ratio Lower Upper
 152 100
 150 157.1 144.7 217.1
 115 69.0 64.0 96.0

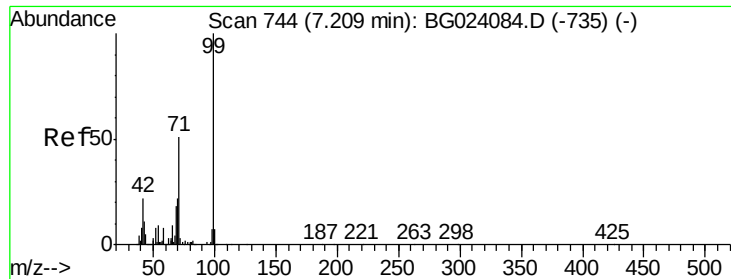


#5

2-Fluorophenol
 Concen: 42.10 ng
 RT: 5.59 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BG024156.D
 Acq: 28 Sep 2016 22:04

Tgt Ion:112 Resp: 117652
 Ion Ratio Lower Upper
 112 100
 64 82.4 59.0 88.4
 63 44.7 37.8 56.8





#7

Phenol-d6

Concen: 25.73 ng

RT: 7.22 min Scan# 745

Delta R.T. 0.01 min

Lab File: BG024156.D

Acq: 28 Sep 2016 22:04

Instrument :

BNA_G

ClientSampleId :

SS-1

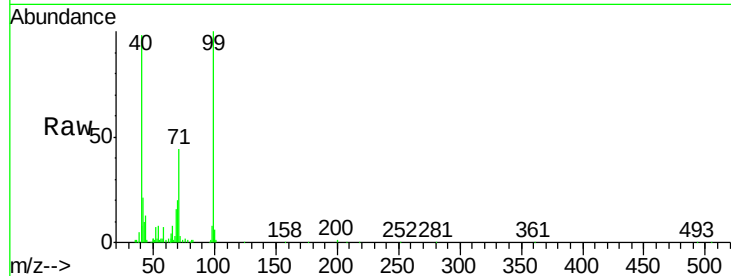
Tgt Ion: 99 Resp: 120973

Ion Ratio Lower Upper

99 100

42 21.3 17.8 26.6

71 43.7 41.5 62.3

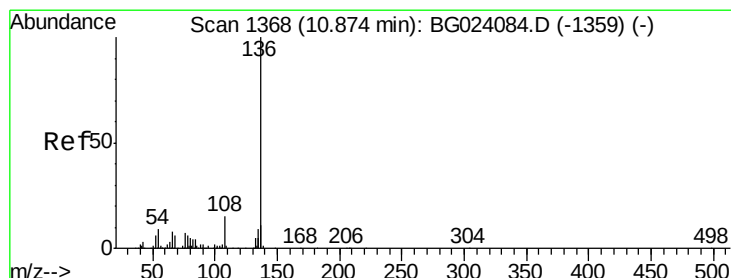
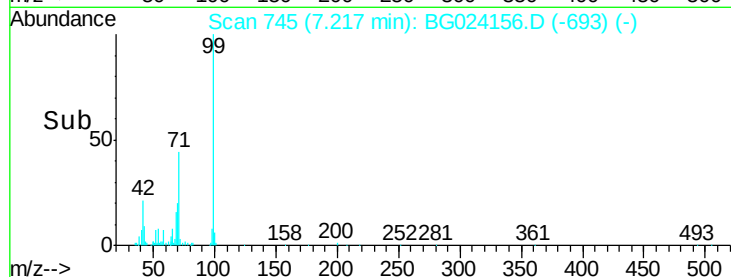
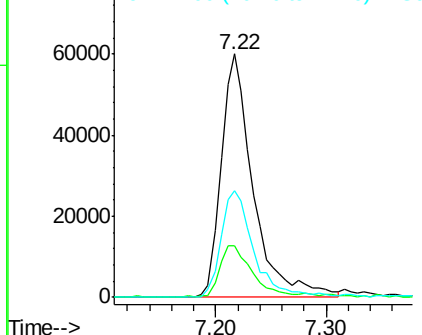


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.87 min Scan# 1367

Delta R.T. -0.00 min

Lab File: BG024156.D

Acq: 28 Sep 2016 22:04

Tgt Ion: 136 Resp: 232137

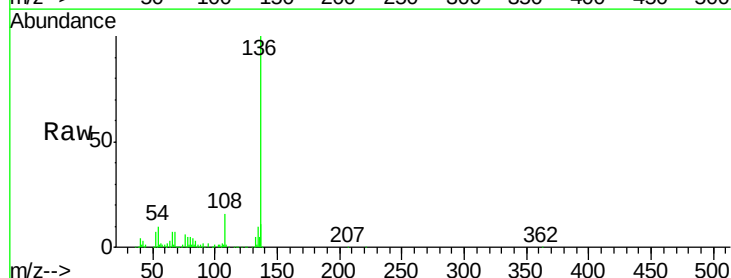
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 9.9 7.3 10.9

68 7.1 5.3 7.9



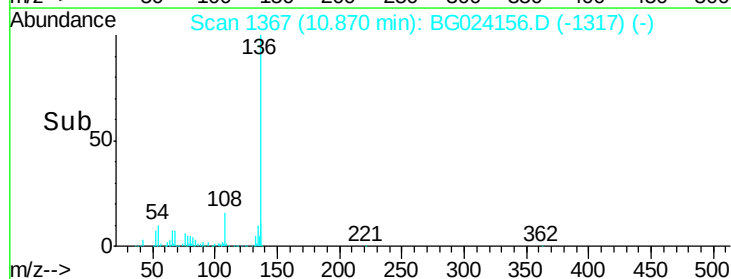
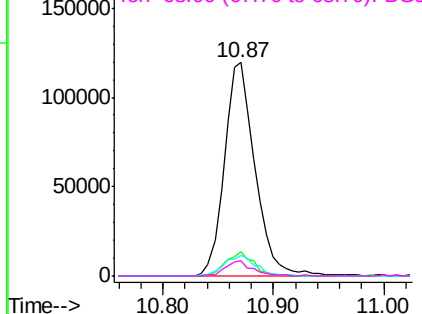
Abundance

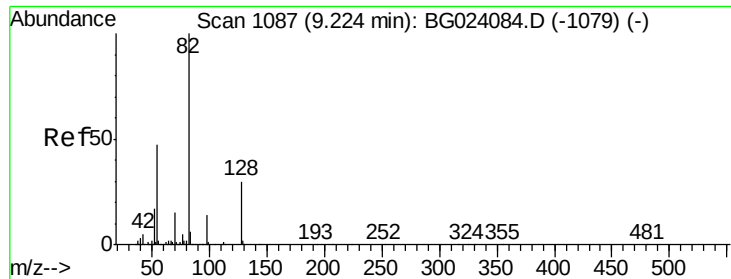
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 87.19 ng

RT: 9.22 min Scan# 1086

Delta R.T. -0.00 min

Lab File: BG024156.D

Acq: 28 Sep 2016 22:04

Instrument :

BNA_G

ClientSampleId :

SS-1

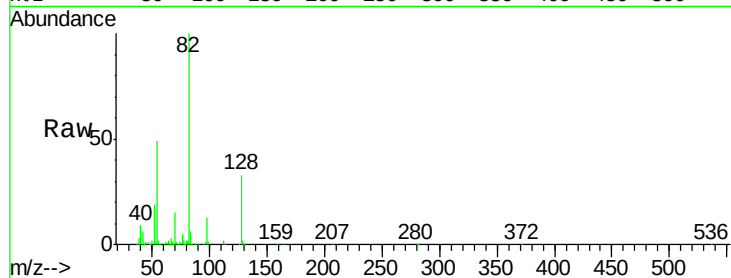
Tgt Ion: 82 Resp: 513551

Ion Ratio Lower Upper

82 100

128 33.3 24.4 36.6

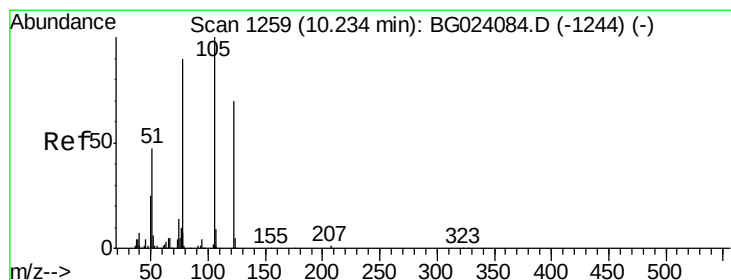
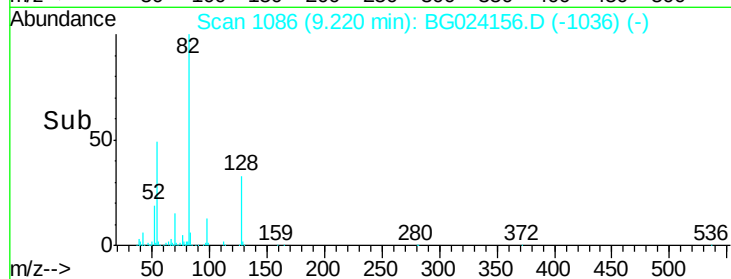
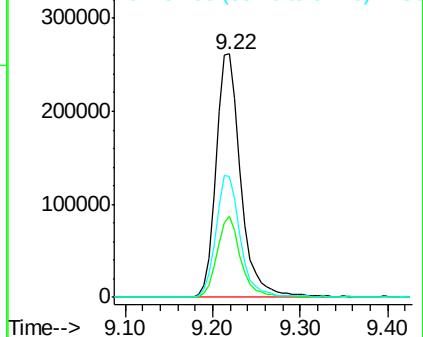
54 49.4 41.4 62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#32

Benzoic acid

Concen: 2.20 ng

RT: 10.18 min Scan# 1249

Delta R.T. -0.06 min

Lab File: BG024156.D

Acq: 28 Sep 2016 22:04

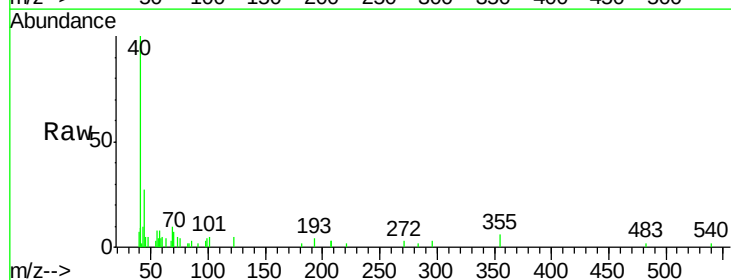
Tgt Ion: 122 Resp: 130

Ion Ratio Lower Upper

122 100

105 0.0 117.2 157.2#

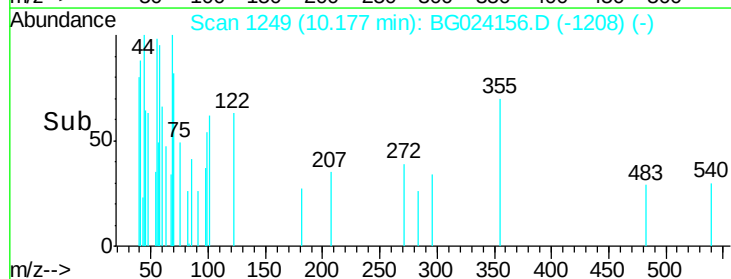
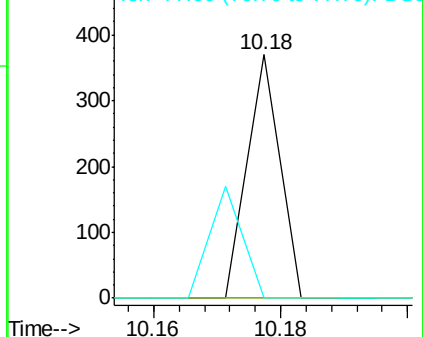
77 0.0 109.2 149.2#

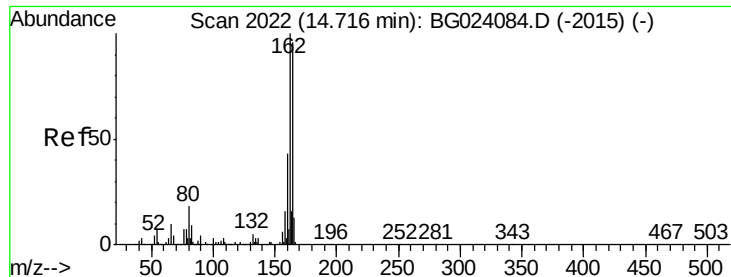


Abundance Ion 122.00 (121.70 to 122.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 77.00 (76.70 to 77.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.71 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BG024156.D

Acq: 28 Sep 2016 22:04

Instrument :

BNA_G

ClientSampleId :

SS-1

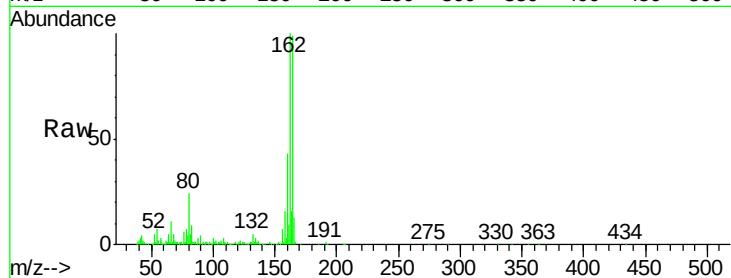
Tgt Ion:164 Resp: 183005

Ion Ratio Lower Upper

164 100

162 100.7 87.7 131.5

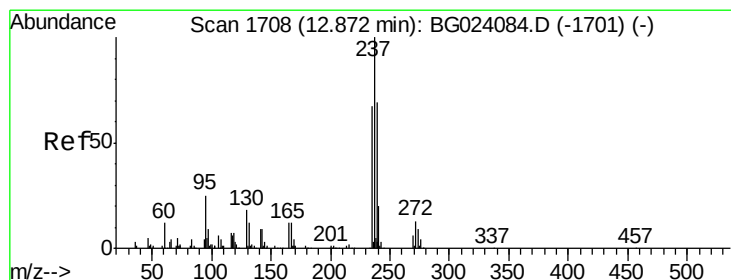
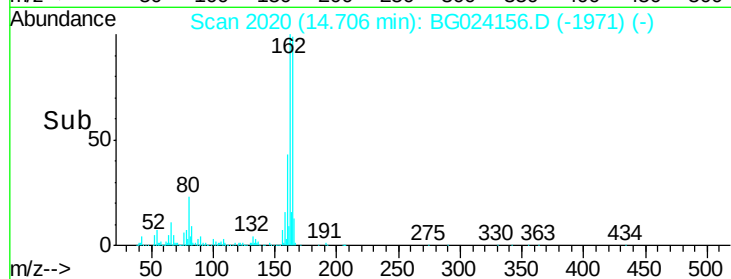
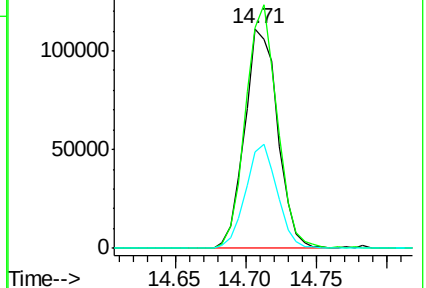
160 43.6 37.2 55.8



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



#40

Hexachlorocyclopentadiene

Concen: 3.61 ng

RT: 12.93 min Scan# 1717

Delta R.T. 0.06 min

Lab File: BG024156.D

Acq: 28 Sep 2016 22:04

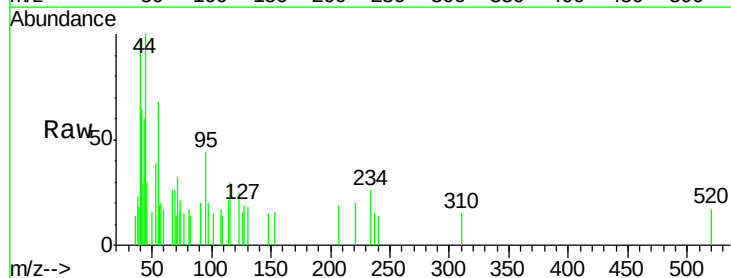
Tgt Ion:237 Resp: 60

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

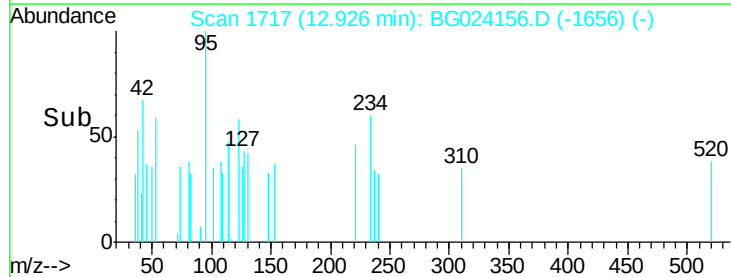
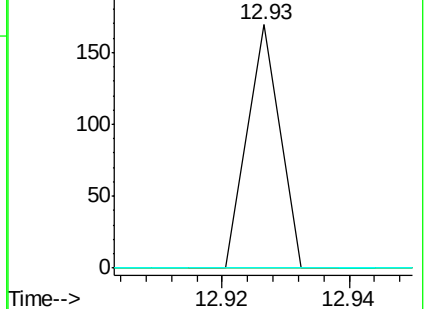
272 0.0 0.0 30.9

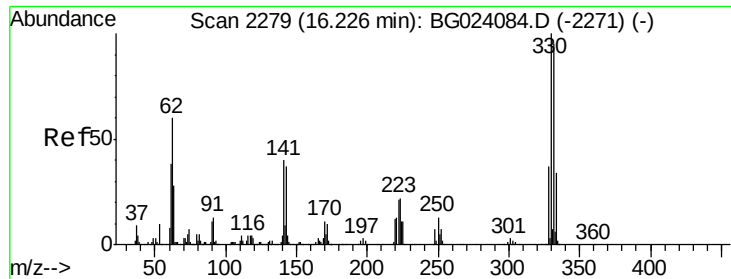


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

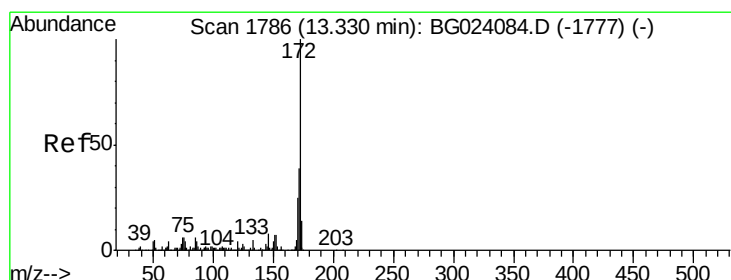
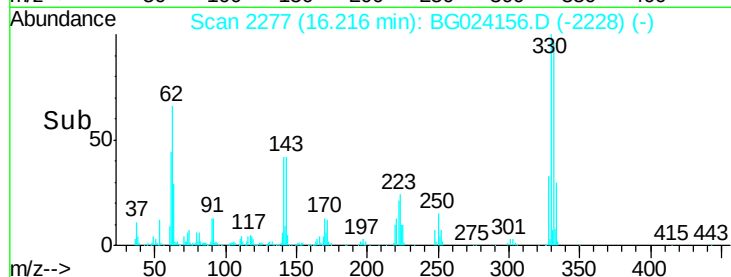
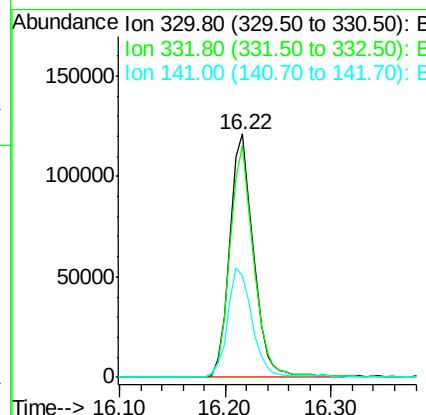
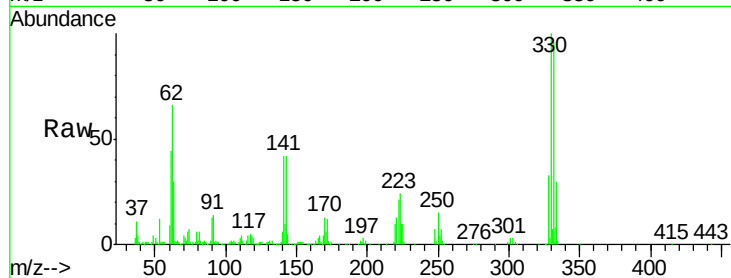




#41
 2,4,6-Tribromophenol
 Concen: 71.72 ng
 RT: 16.22 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BG024156.D
 Acq: 28 Sep 2016 22:04

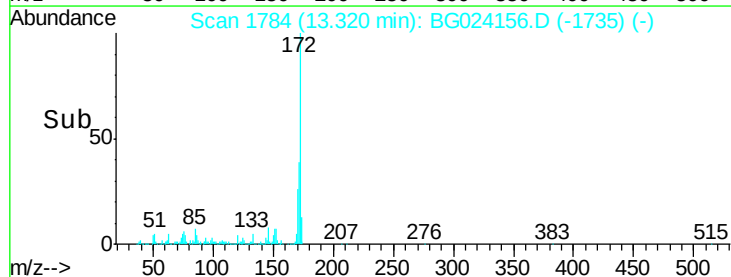
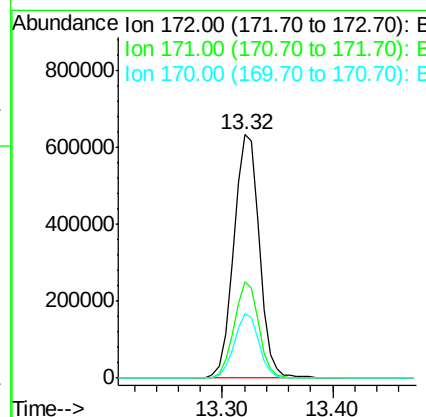
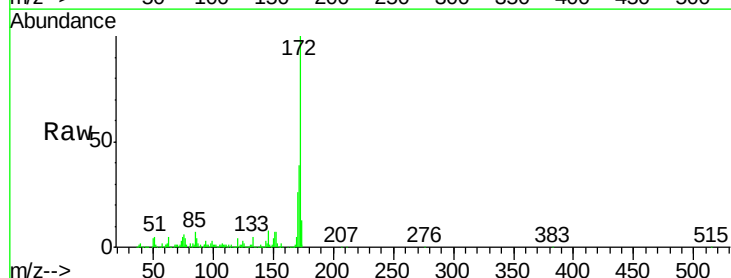
Instrument :
 BNA_G
 ClientSampleId :
 SS-1

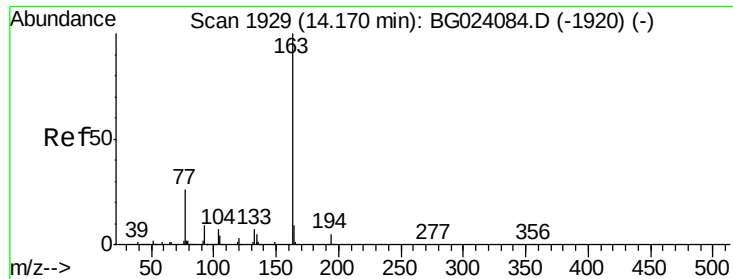
Tgt Ion:330 Resp: 188648
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.2
 141 46.8 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 94.39 ng
 RT: 13.32 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG024156.D
 Acq: 28 Sep 2016 22:04

Tgt Ion:172 Resp: 1027585
 Ion Ratio Lower Upper
 172 100
 171 39.4 31.6 47.4
 170 26.2 21.3 31.9

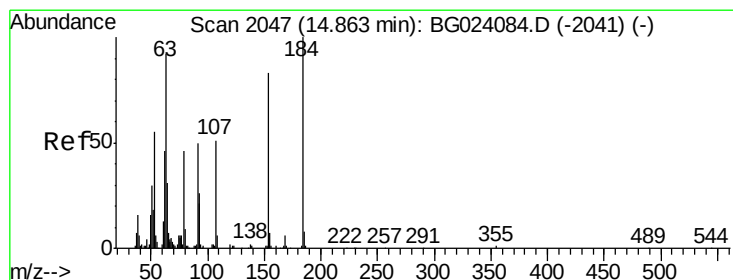
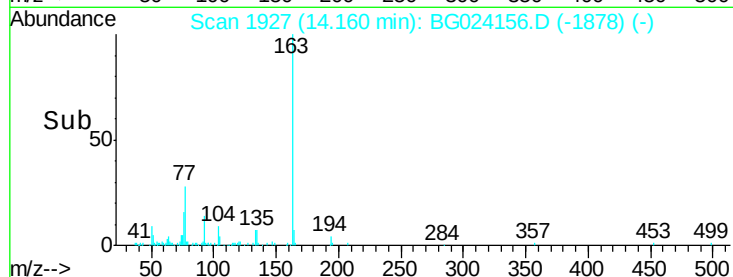
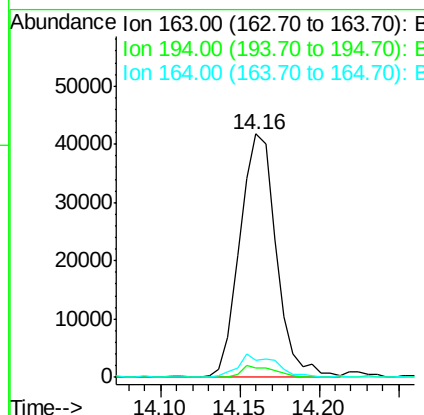
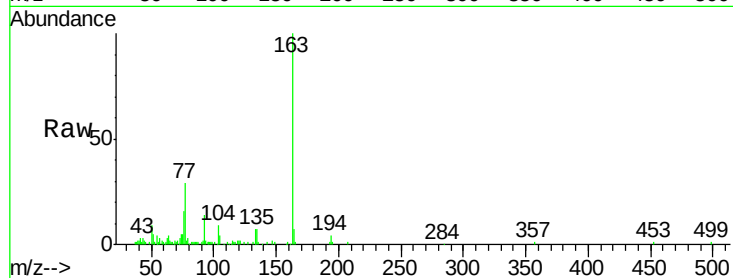




#49
Dimethylphthalate
Concen: 4.75 ng
RT: 14.16 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BG024156.D
Acq: 28 Sep 2016 22:04

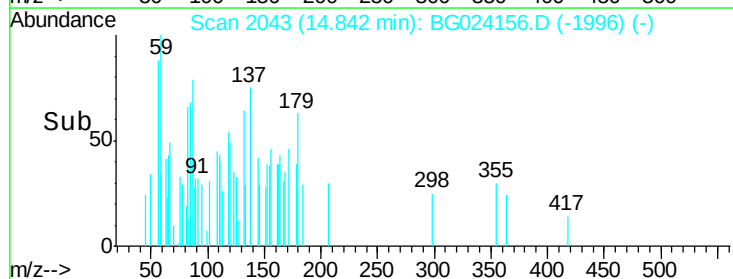
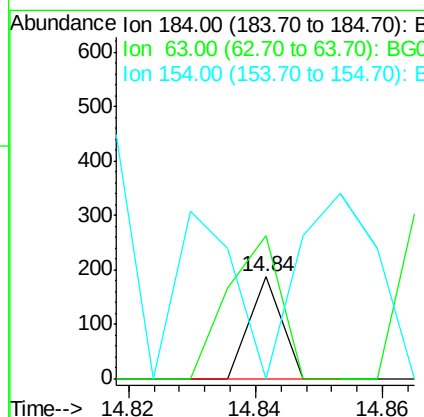
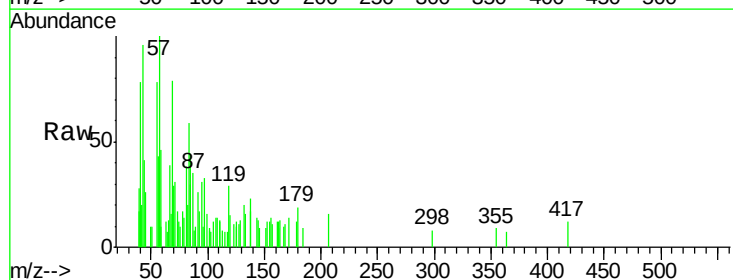
Instrument :
BNA_G
ClientSampled :
SS-1

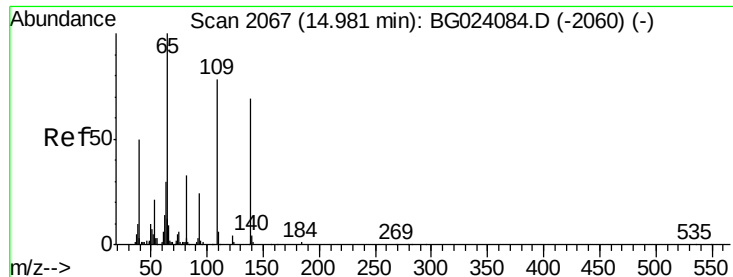
Tgt Ion:163 Resp: 66669
Ion Ratio Lower Upper
163 100
194 3.8 3.6 5.4
164 7.2 8.1 12.1#



#53
2,4-Dinitrophenol
Concen: 2.49 ng
RT: 14.84 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BG024156.D
Acq: 28 Sep 2016 22:04

Tgt Ion:184 Resp: 66
Ion Ratio Lower Upper
184 100
63 140.6 59.6 89.4#
154 0.0 67.4 101.0#

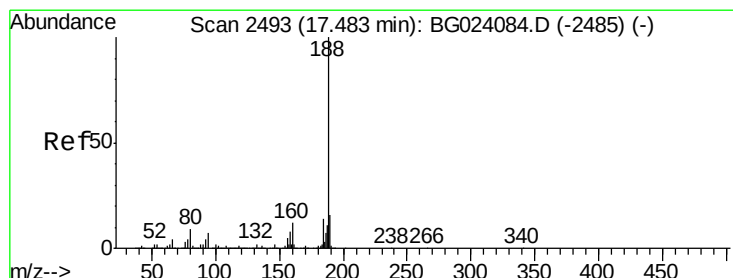
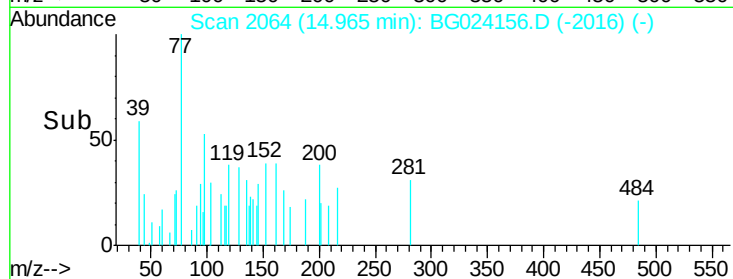
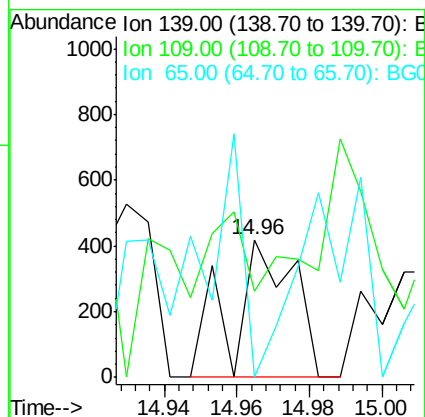
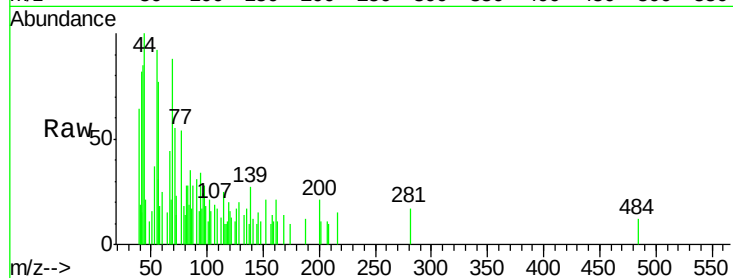




#55
4-Nitrophenol
Concen: 5.54 ng
RT: 14.96 min Scan# 2064
Delta R.T. -0.02 min
Lab File: BG024156.D
Acq: 28 Sep 2016 22:04

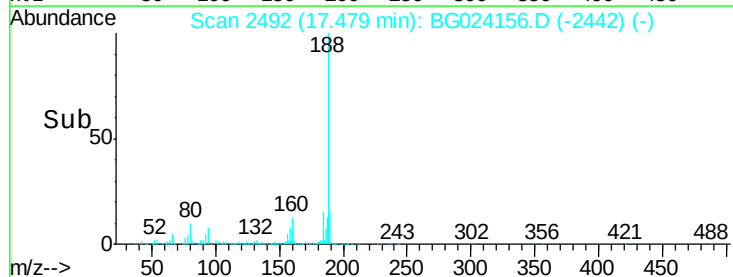
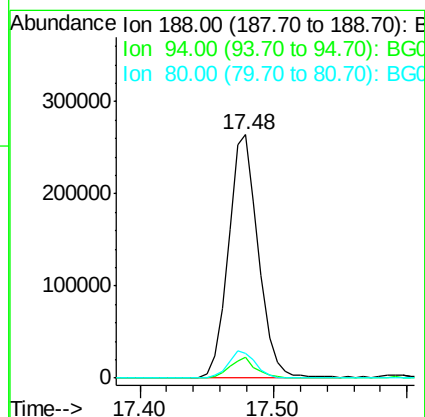
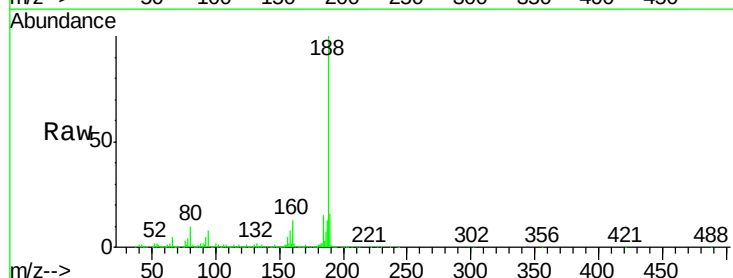
Instrument :
BNA_G
ClientSampled :
SS-1

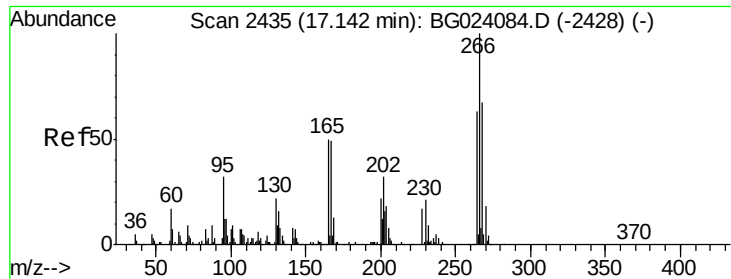
Tgt Ion:139 Resp: 491
Ion Ratio Lower Upper
139 100
109 62.8 103.0 143.0#
65 0.0 112.7 152.7#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.00 min
Lab File: BG024156.D
Acq: 28 Sep 2016 22:04

Tgt Ion:188 Resp: 411284
Ion Ratio Lower Upper
188 100
94 8.4 5.2 7.8#
80 10.3 7.2 10.8





#69

Pentachlorophenol

Concen: 3.62 ng

RT: 17.17 min Scan# 2439

Delta R.T. 0.03 min

Lab File: BG024156.D

Acq: 28 Sep 2016 22:04

Instrument :

BNA_G

ClientSampleId :

SS-1

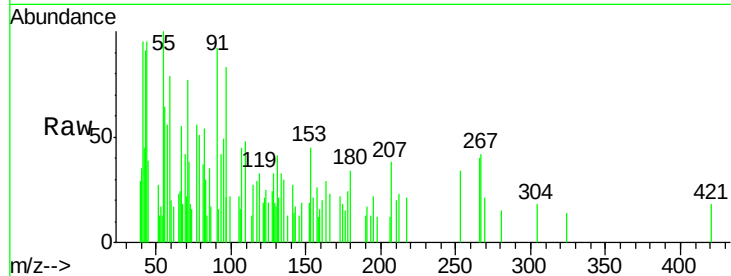
Tgt Ion:266 Resp: 173

Ion Ratio Lower Upper

266 100

268 0.0 51.9 77.9#

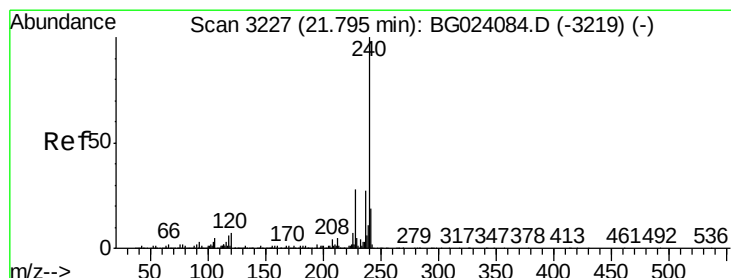
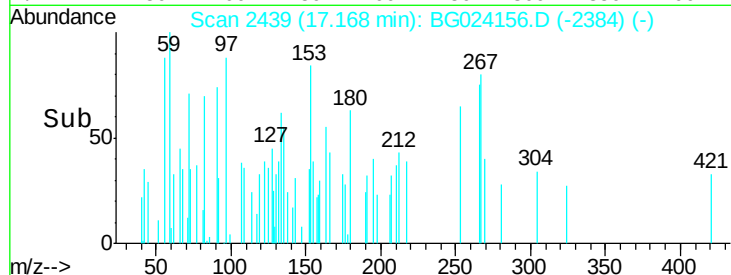
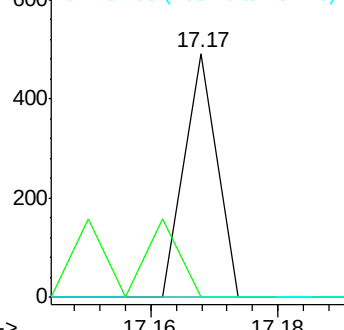
264 0.0 50.6 75.8#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.79 min Scan# 3225

Delta R.T. -0.01 min

Lab File: BG024156.D

Acq: 28 Sep 2016 22:04

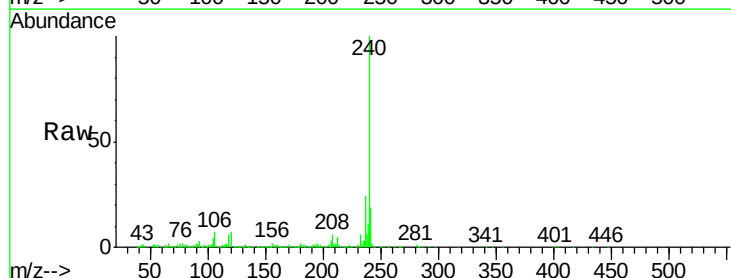
Tgt Ion:240 Resp: 471229

Ion Ratio Lower Upper

240 100

120 7.0 4.1 6.1#

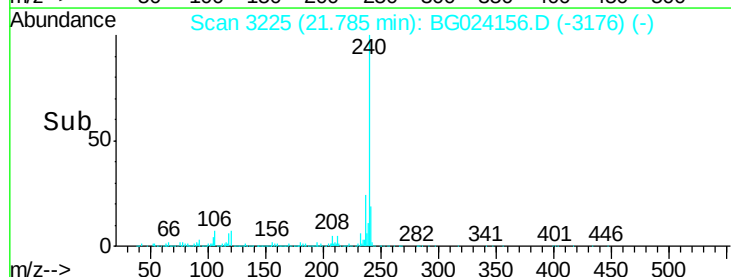
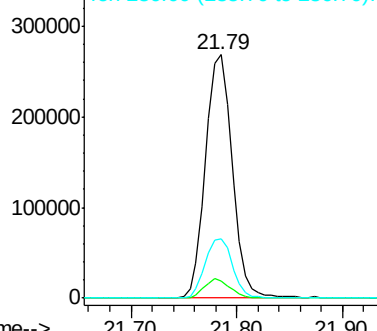
236 24.4 21.1 31.7

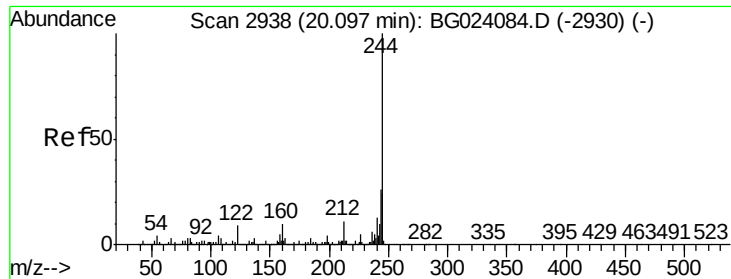


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 68.57 ng

RT: 20.09 min Scan# 2936

Delta R.T. -0.01 min

Lab File: BG024156.D

Acq: 28 Sep 2016 22:04

Instrument :

BNA_G

ClientSampleId :

SS-1

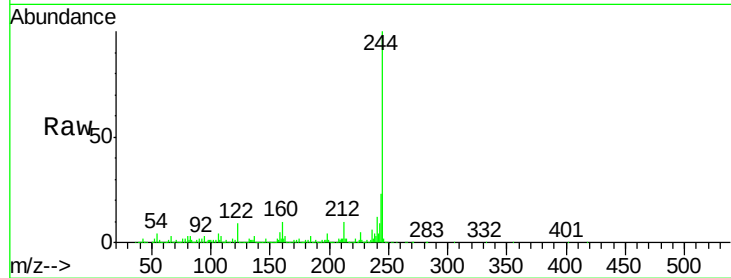
Tgt Ion:244 Resp: 1578142

Ion Ratio Lower Upper

244 100

212 10.4 10.8 16.2#

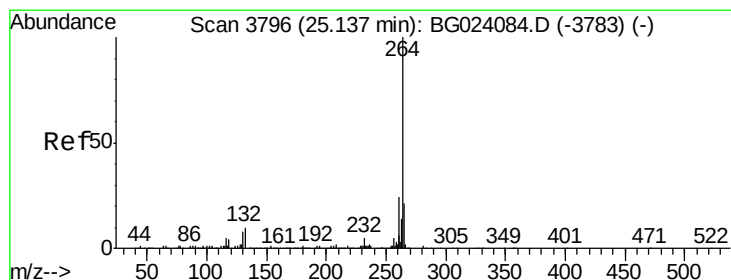
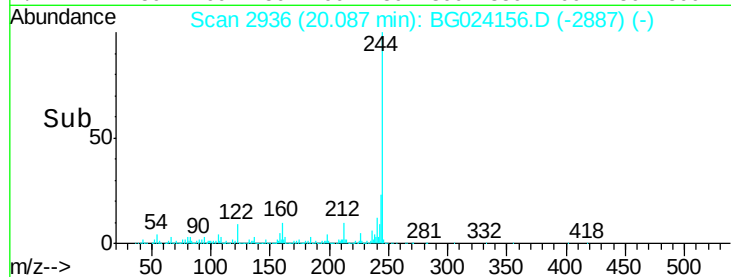
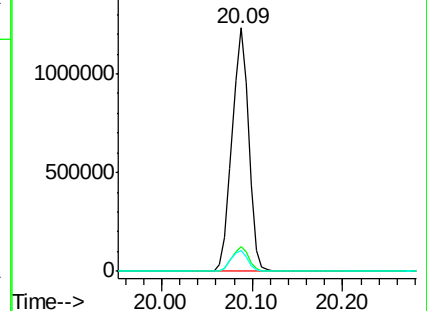
122 8.8 8.0 12.0



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: 25.11 min Scan# 3791

Delta R.T. -0.03 min

Lab File: BG024156.D

Acq: 28 Sep 2016 22:04

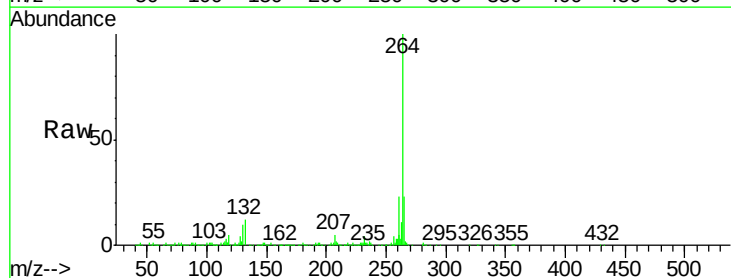
Tgt Ion:264 Resp: 474742

Ion Ratio Lower Upper

264 100

260 22.9 18.4 27.6

265 22.6 18.9 28.3



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

