

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG062217\
 Data File : BG027630.D
 Acq On : 23 Jun 2017 13:53
 Operator : SJ/JU
 Sample : I3657-23
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 23 15:21:00 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

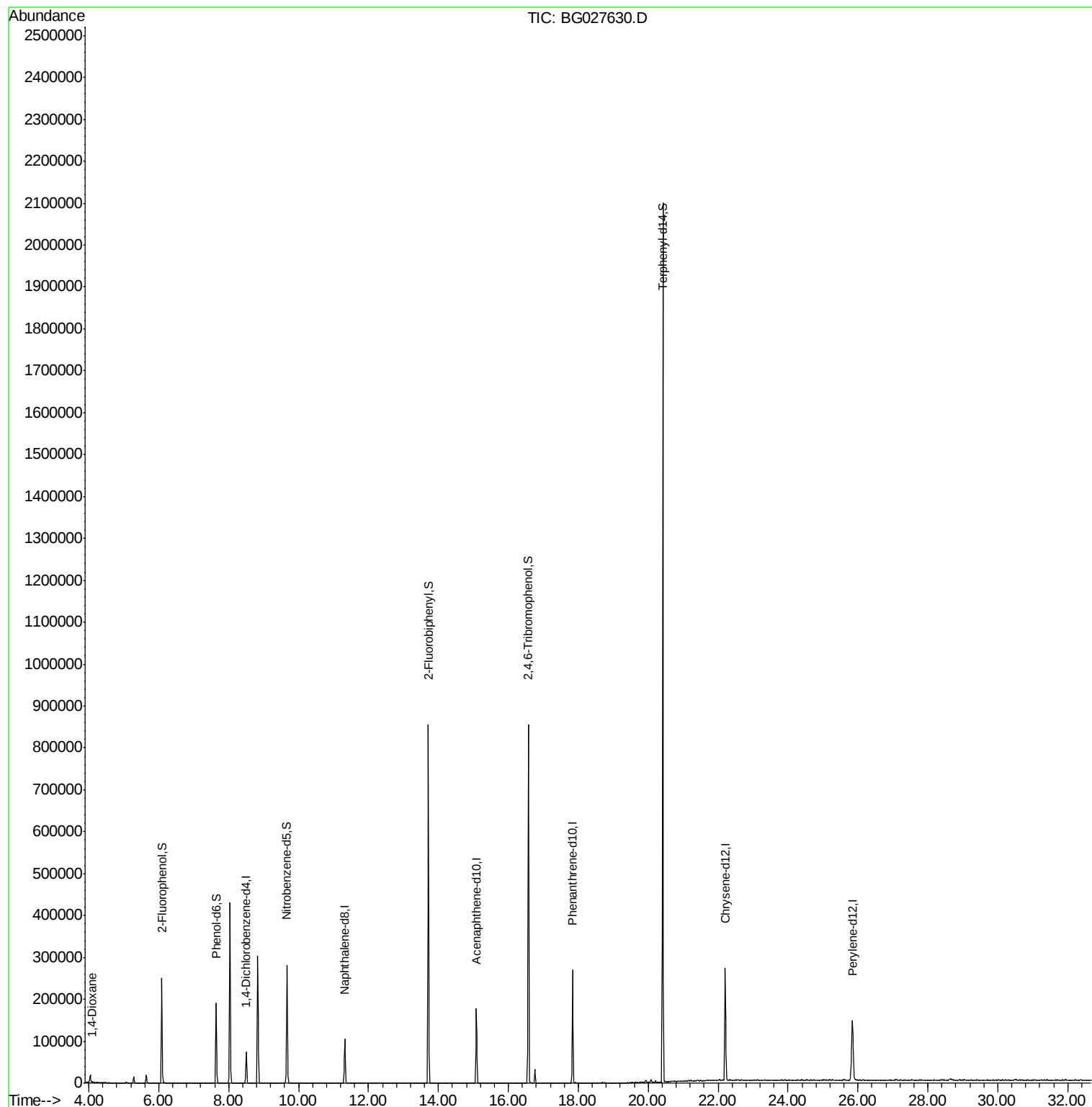
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.51	152	19415	20.00	ng	0.00
21) Naphthalene-d8	11.33	136	91810	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	59202	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	165100	20.00	ng	0.00
75) Chrysene-d12	22.20	240	187366	20.00	ng	-0.01
86) Perylene-d12	25.84	264	179565	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.08	112	103732	76.04	ng	0.00
7) Phenol-d6	7.64	99	103525	51.26	ng	0.00
23) Nitrobenzene-d5	9.67	82	179080	92.30	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	155847	176.58	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	421740	97.31	ng	0.00
78) Terphenyl-d14	20.42	244	879735	110.62	ng	0.00
Target Compounds						
2) 1,4-Dioxane	4.09	88	1149	2.17	ng	Qvalue # 67

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

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QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.51 min Scan# 786

Delta R.T. -0.00 min

Lab File: BG027630.D

Acq: 23 Jun 2017 13:53

Instrument :

BNA_G

ClientSampled :

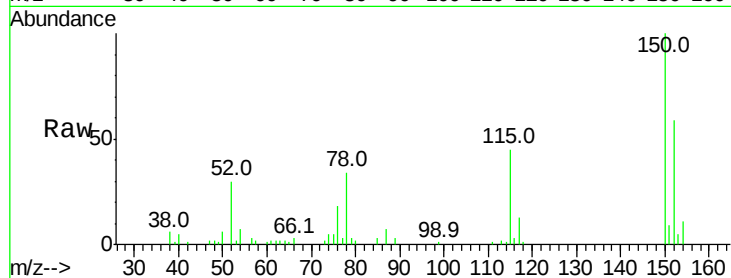
Tot Ion:152 Resp: 19415

Ion Ratio Lower Upper

152 100

150 169.9 114.0 171.0

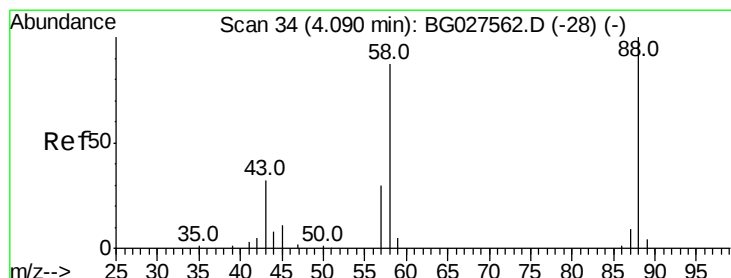
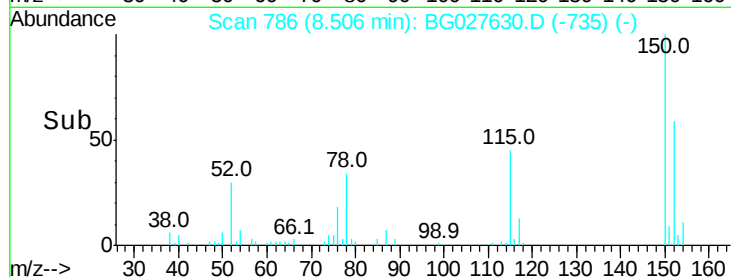
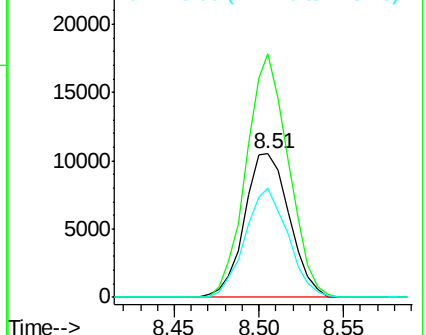
115 76.1 48.1 72.1#



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



#2

1,4-Dioxane

Concen: 2.17 ng

RT: 4.09 min Scan# 35

Delta R.T. 0.00 min

Lab File: BG027630.D

Acq: 23 Jun 2017 13:53

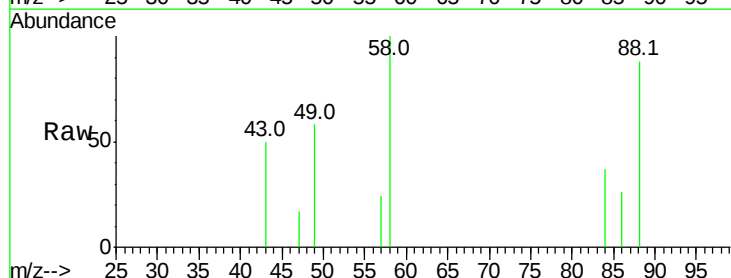
Tgt Ion: 88 Resp: 1149

Ion Ratio Lower Upper

88 100

58 132.6 79.4 119.2#

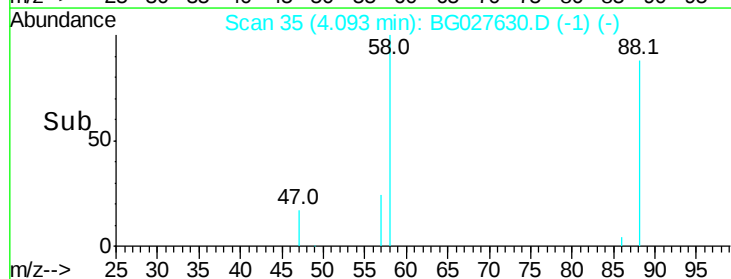
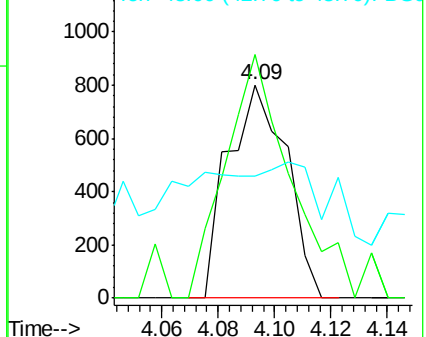
43 22.8 33.8 50.6#

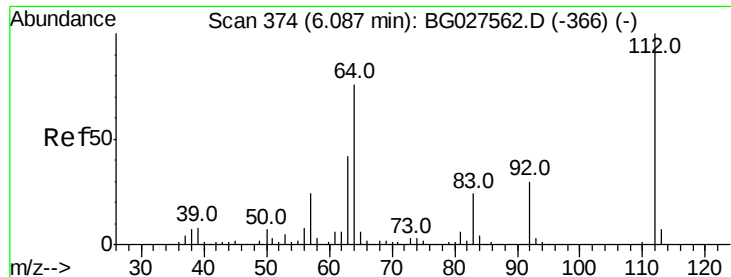


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 76.04 ng

RT: 6.08 min Scan# 374

Delta R.T. -0.00 min

Lab File: BG027630.D

Acq: 23 Jun 2017 13:53

Instrument :

BNA_G

ClientSampleId :

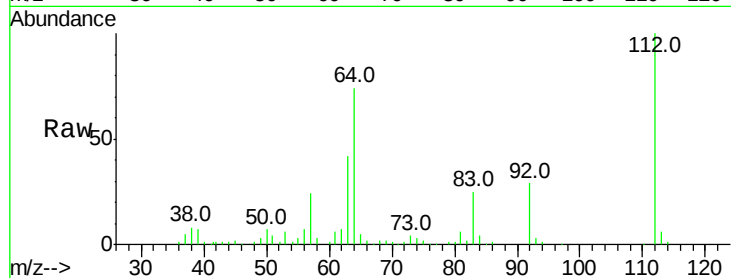
Tot Ion:112 Resp: 103732

Ion Ratio Lower Upper

112 100

64 73.5 61.8 92.6

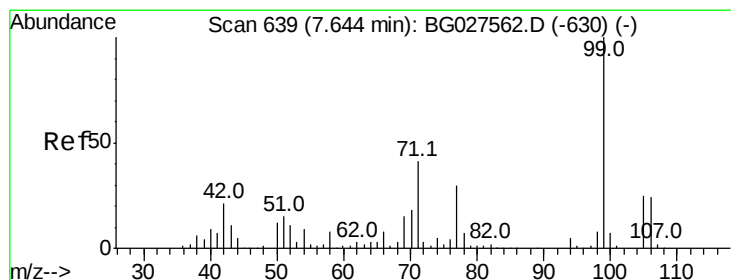
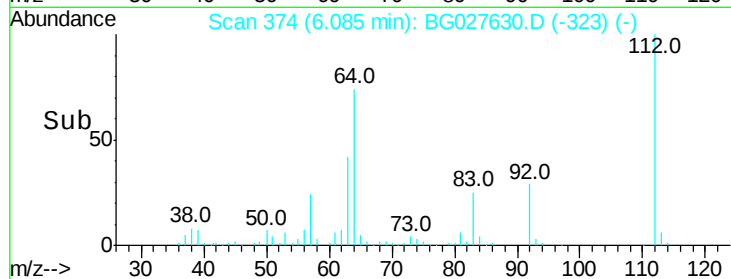
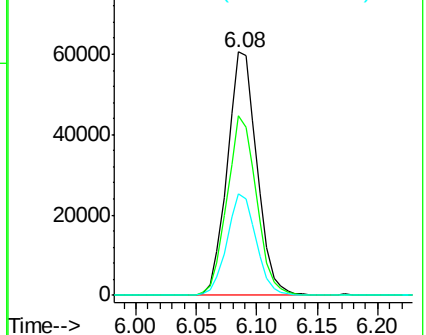
63 41.6 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 51.26 ng

RT: 7.64 min Scan# 639

Delta R.T. -0.00 min

Lab File: BG027630.D

Acq: 23 Jun 2017 13:53

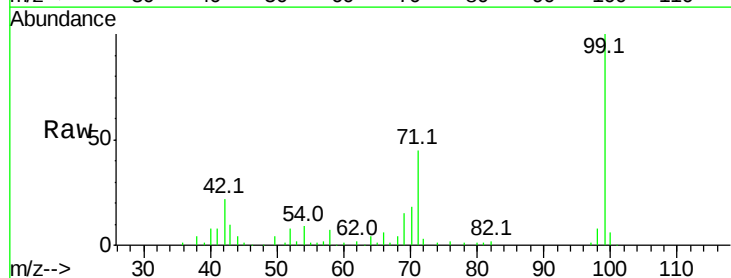
Tgt Ion: 99 Resp: 103525

Ion Ratio Lower Upper

99 100

42 21.9 20.5 30.7

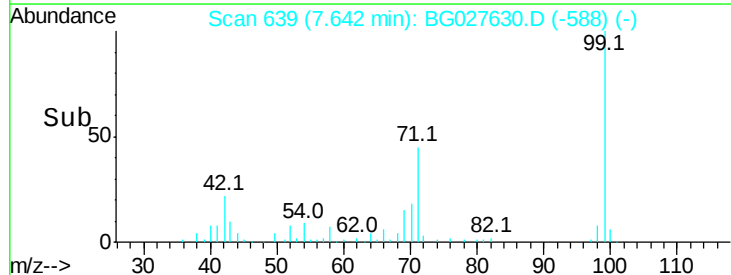
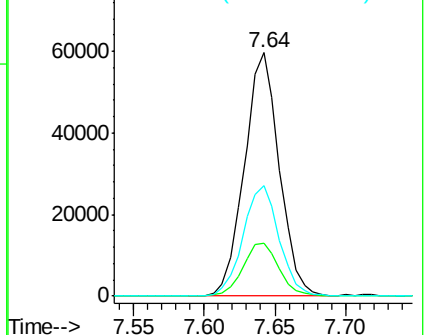
71 45.5 37.6 56.4

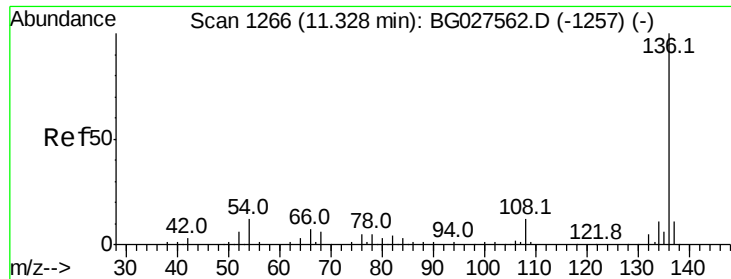


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

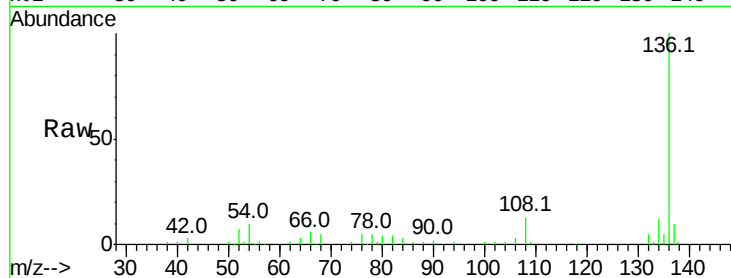




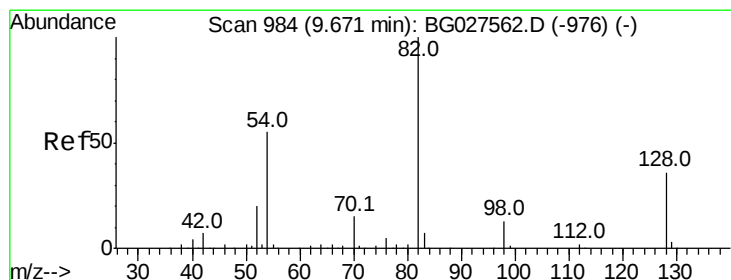
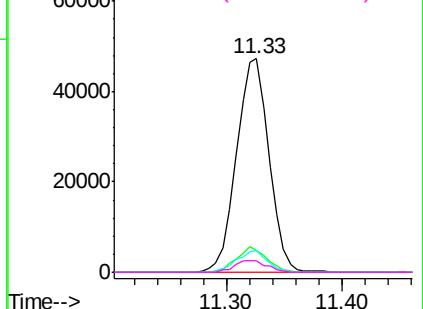
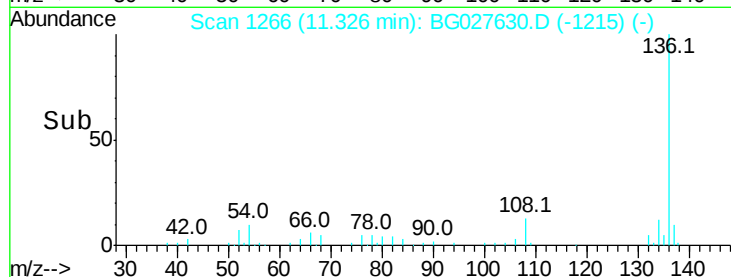
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.33 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BG027630.D
Acq: 23 Jun 2017 13:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	91810
Ion	Ratio	Lower Upper
136	100	
137	10.3	8.9 13.3
54	10.1	9.3 13.9
68	5.5	5.1 7.7

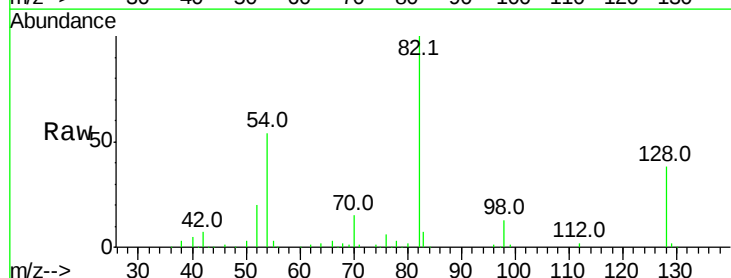


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

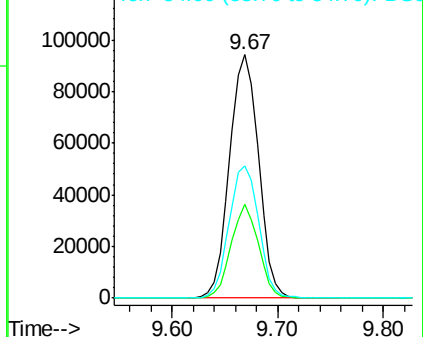
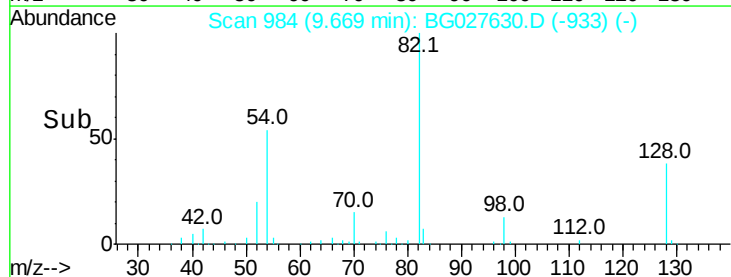


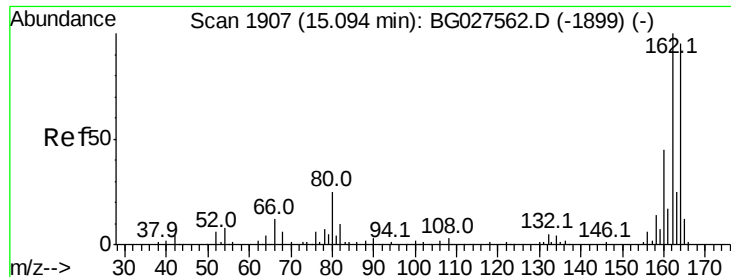
#23
Nitrobenzene-d5
Concen: 92.30 ng
RT: 9.67 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG027630.D
Acq: 23 Jun 2017 13:53

Tgt Ion: 82	Resp:	179080
Ion	Ratio	Lower Upper
82	100	
128	38.3	26.4 39.6
54	54.1	49.4 74.2



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.09 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BG027630.D

Acq: 23 Jun 2017 13:53

Instrument :

BNA_G

ClientSampleId :

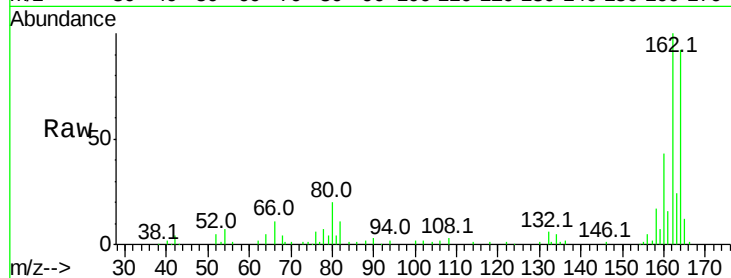
Tot Ion:164 Resp: 59202

Ion Ratio Lower Upper

164 100

162 109.0 85.1 127.7

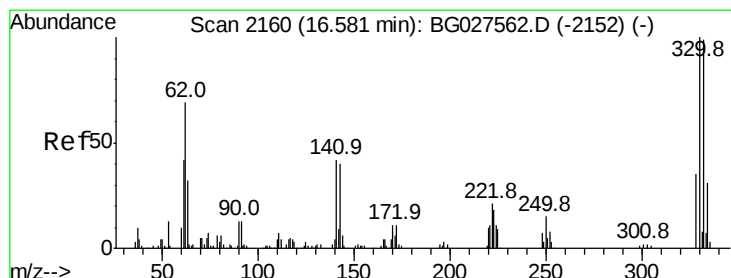
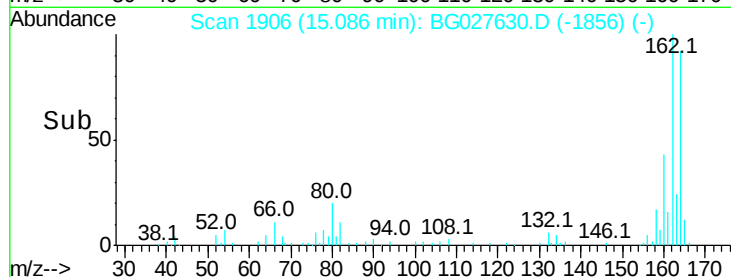
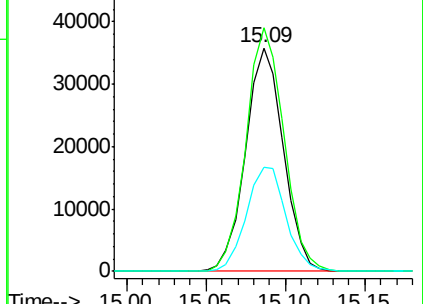
160 46.5 34.7 52.1



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: 176.58 ng

RT: 16.57 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG027630.D

Acq: 23 Jun 2017 13:53

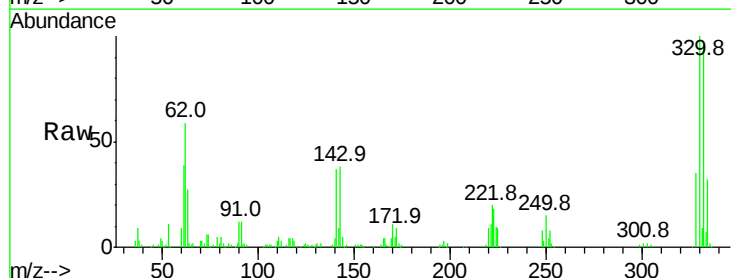
Tgt Ion:330 Resp: 155847

Ion Ratio Lower Upper

330 100

332 97.7 77.3 115.9

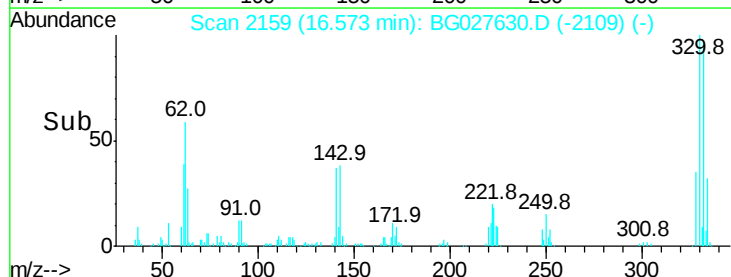
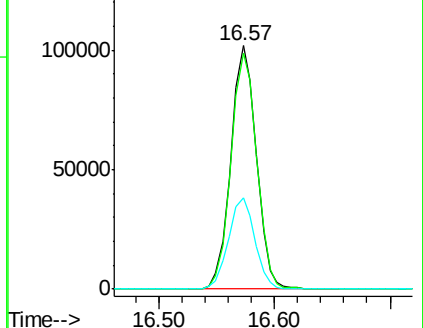
141 38.8 32.1 48.1

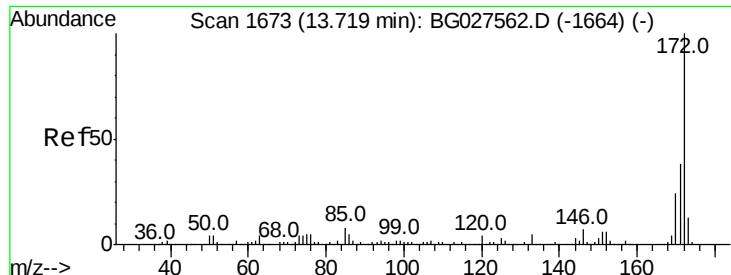


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

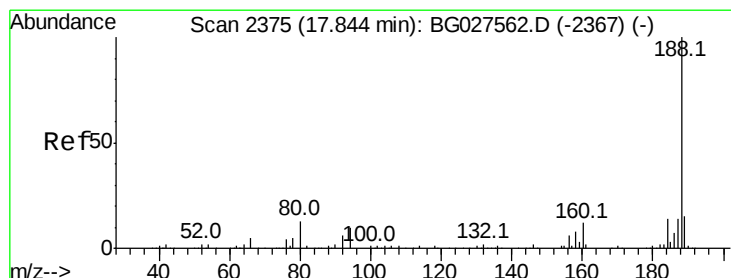
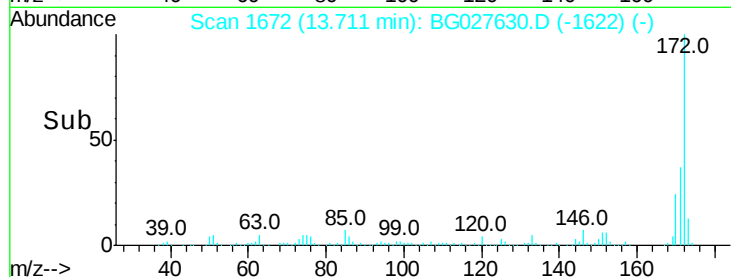
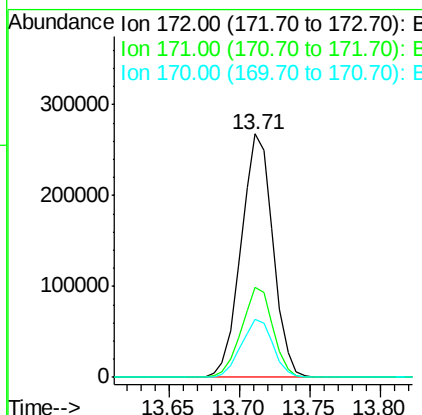
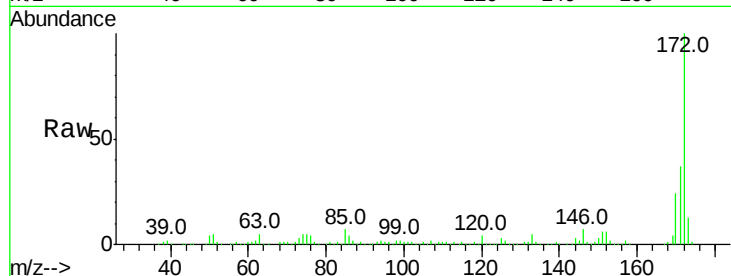




#44
 2-Fluorobiphenyl
 Concen: 97.31 ng
 RT: 13.71 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG027630.D
 Acq: 23 Jun 2017 13:53

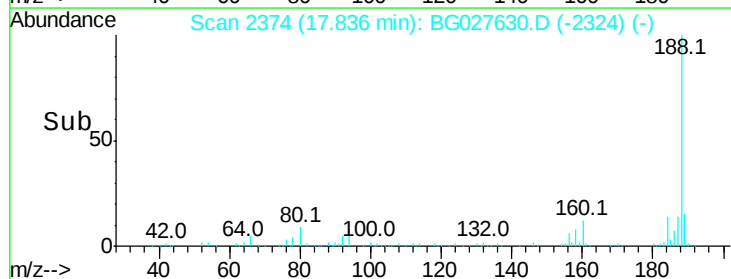
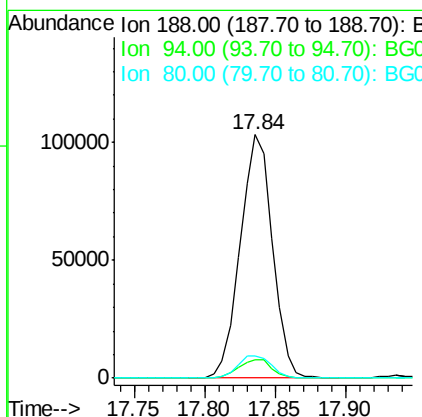
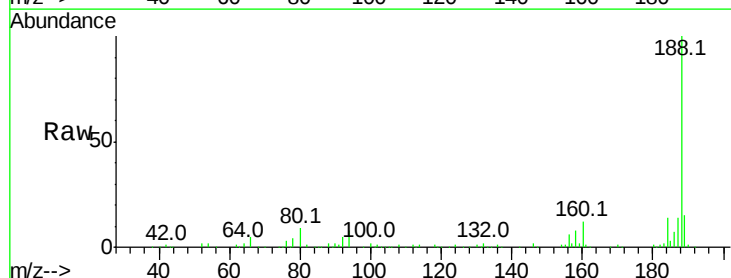
Instrument :
 BNA_G
 ClientSampleId :

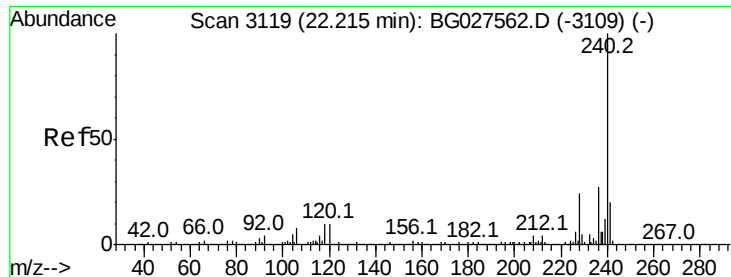
Tot Ion:172 Resp: 421740
 Ion Ratio Lower Upper
 172 100
 171 36.9 32.2 48.2
 170 24.0 21.8 32.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.84 min Scan# 2374
 Delta R.T. -0.01 min
 Lab File: BG027630.D
 Acq: 23 Jun 2017 13:53

Tgt Ion:188 Resp: 165100
 Ion Ratio Lower Upper
 188 100
 94 7.8 5.8 8.8
 80 9.3 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.20 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BG027630.D

Acq: 23 Jun 2017 13:53

Instrument :

BNA_G

ClientSampleId :

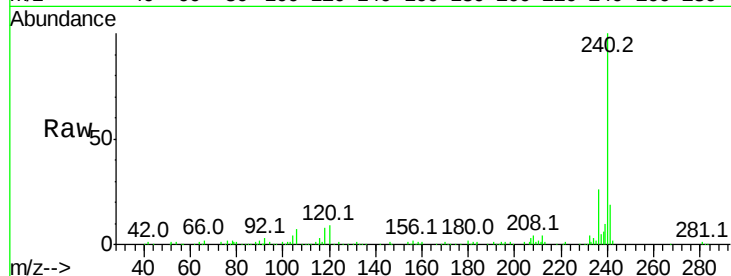
Tot Ion:240 Resp: 187366

Ion Ratio Lower Upper

240 100

120 8.5 5.7 8.5

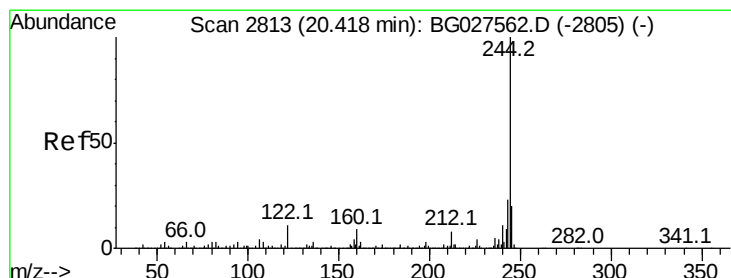
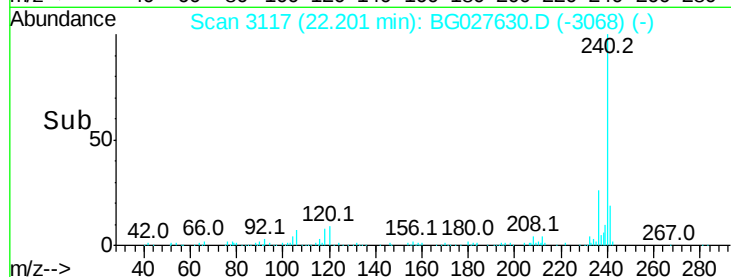
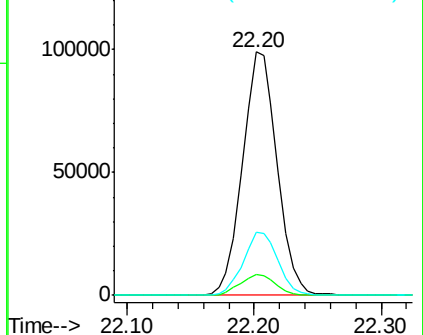
236 25.7 22.2 33.4



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: 110.62 ng

RT: 20.42 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG027630.D

Acq: 23 Jun 2017 13:53

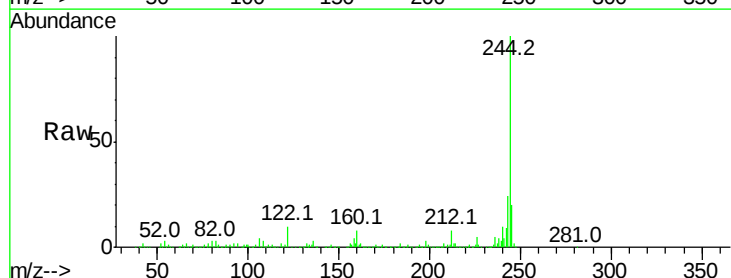
Tgt Ion:244 Resp: 879735

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

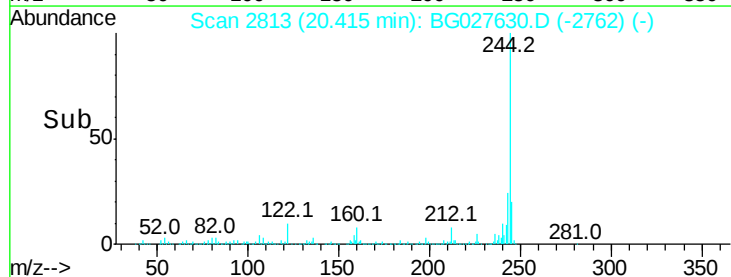
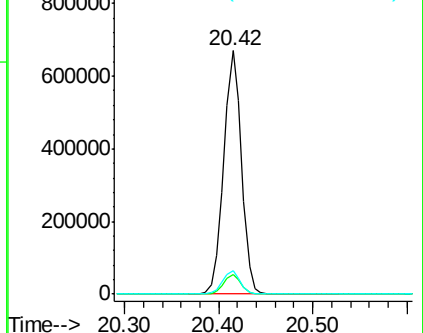
122 9.9 8.6 12.8



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: 25.84 min Scan# 3736
 Delta R.T. -0.01 min
 Lab File: BG027630.D
 Acq: 23 Jun 2017 13:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	21.7	18.2	27.4

