

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062217\
 Data File : BG027621.D
 Acq On : 23 Jun 2017 7:57
 Operator : SJ/JU
 Sample : I3807-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 23 08:37:36 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

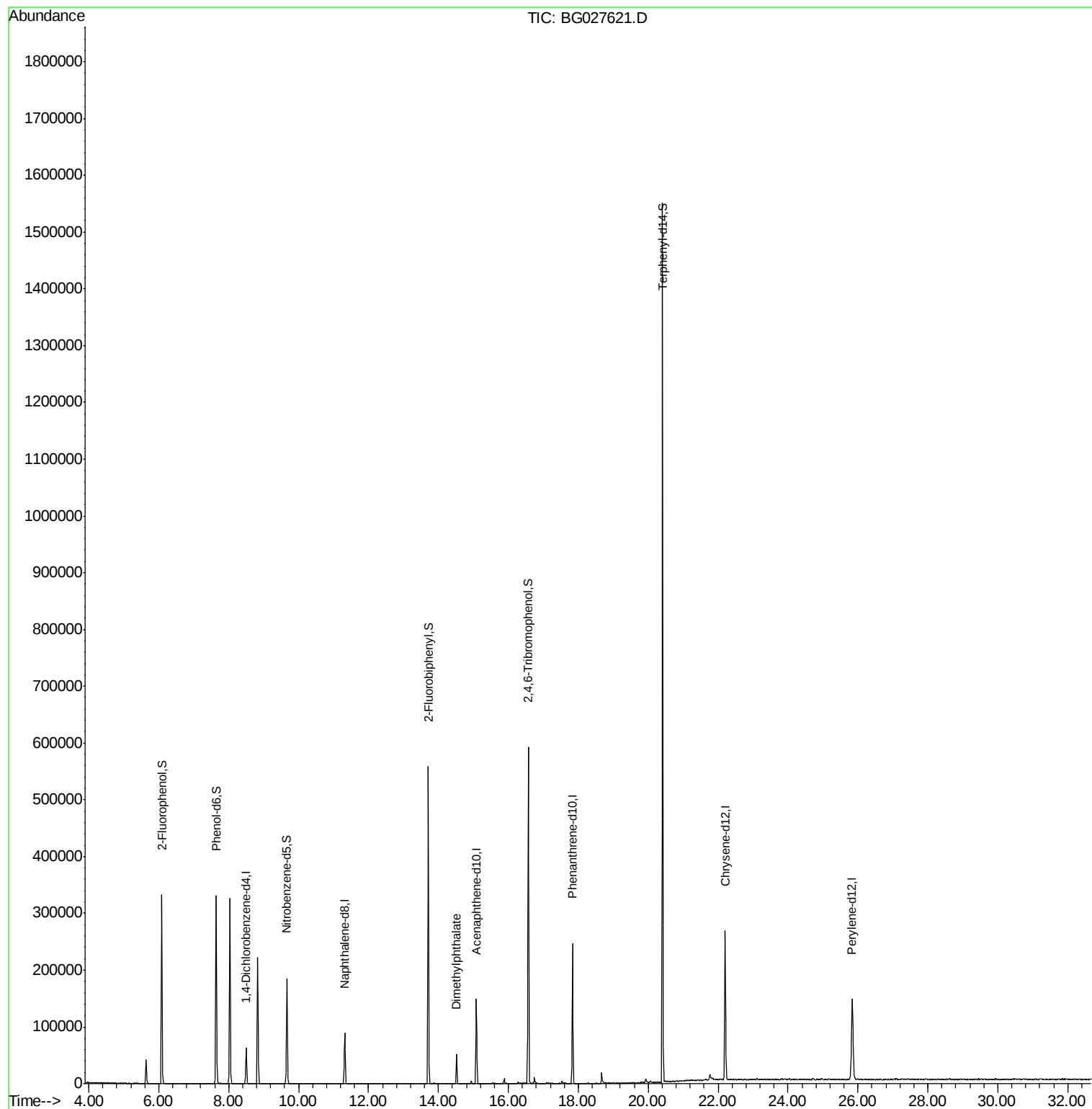
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	16269	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	76853	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	48807	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	155325	20.00	ng	0.00
75) Chrysene-d12	22.20	240	177557	20.00	ng	-0.01
86) Perylene-d12	25.83	264	172000	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	132281	115.72	ng	0.00
7) Phenol-d6	7.64	99	182432	107.80	ng	0.00
23) Nitrobenzene-d5	9.66	82	116515	71.74	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	108103	148.57	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	278637	77.98	ng	0.00
78) Terphenyl-d14	20.41	244	647235	85.88	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.52	163	30782	7.20	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.50 min Scan# 785

Delta R.T. -0.01 min

Lab File: BG027621.D

Acq: 23 Jun 2017 7:57

Instrument :

BNA_G

ClientSampleId :

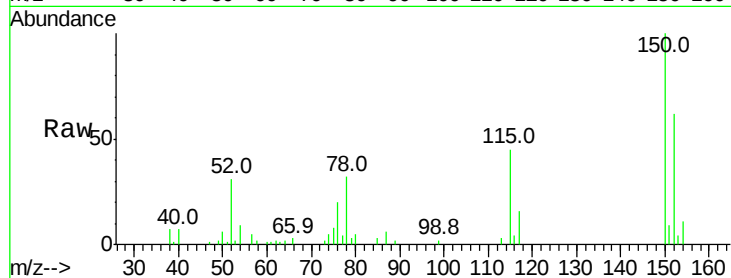
Tot Ion:152 Resp: 16269

Ion Ratio Lower Upper

152 100

150 160.9 114.0 171.0

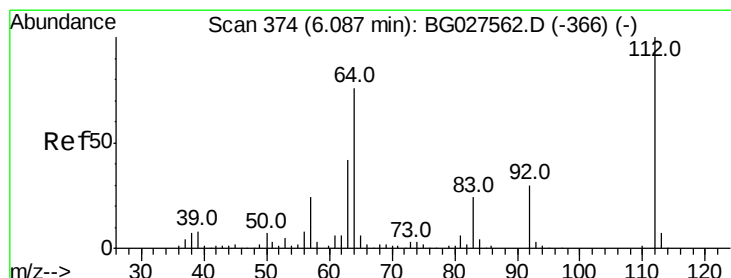
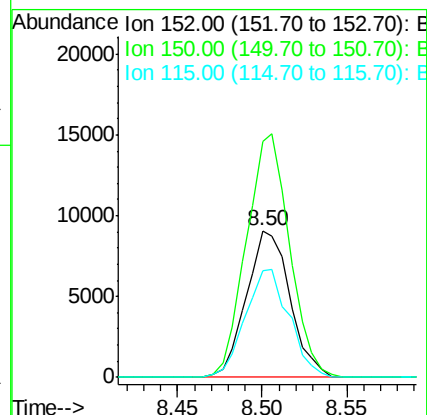
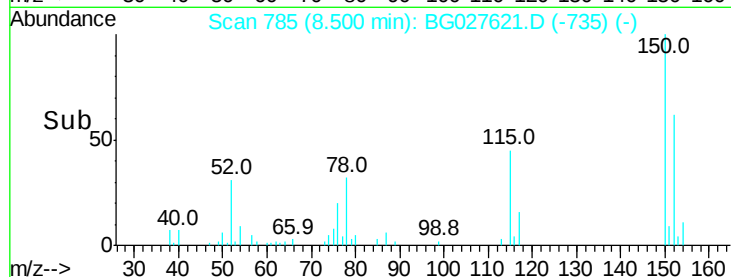
115 72.2 48.1 72.1#



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



#5

2-Fluorophenol

Concen: 115.72 ng

RT: 6.09 min Scan# 374

Delta R.T. -0.00 min

Lab File: BG027621.D

Acq: 23 Jun 2017 7:57

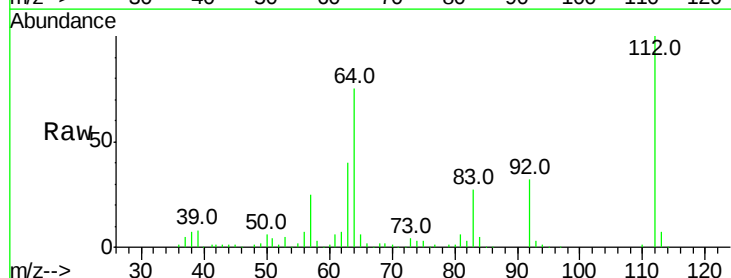
Tgt Ion:112 Resp: 132281

Ion Ratio Lower Upper

112 100

64 75.3 61.8 92.6

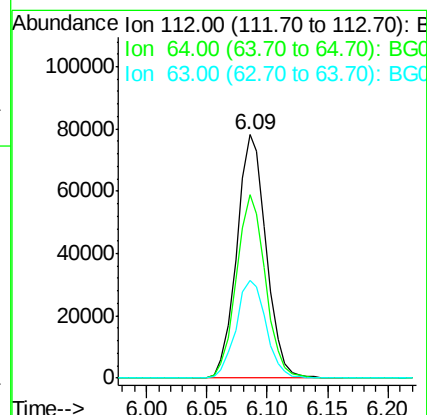
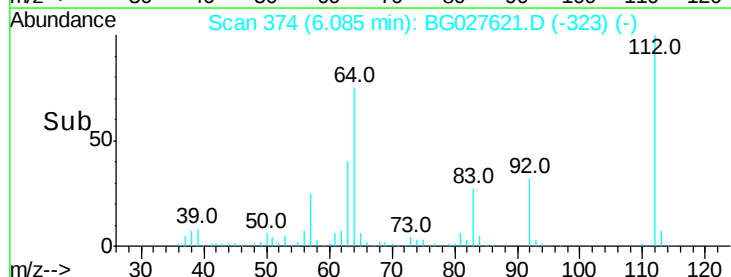
63 40.3 37.2 55.8

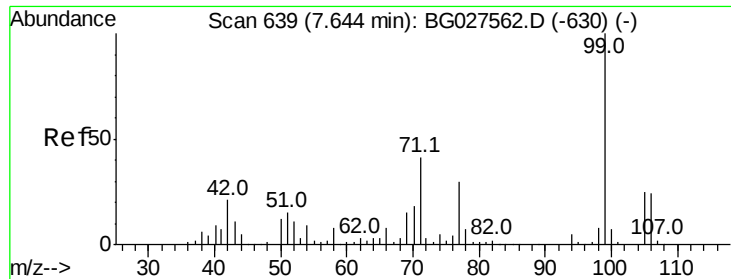


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 107.80 ng

RT: 7.64 min Scan# 639

Delta R.T. -0.00 min

Lab File: BG027621.D

Acq: 23 Jun 2017 7:57

Instrument :

BNA_G

ClientSampled :

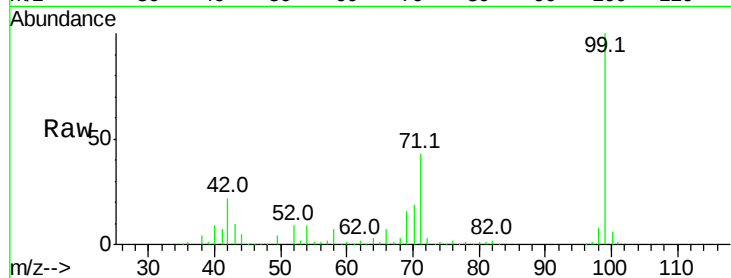
Tot Ion: 99 Resp: 182432

Ion Ratio Lower Upper

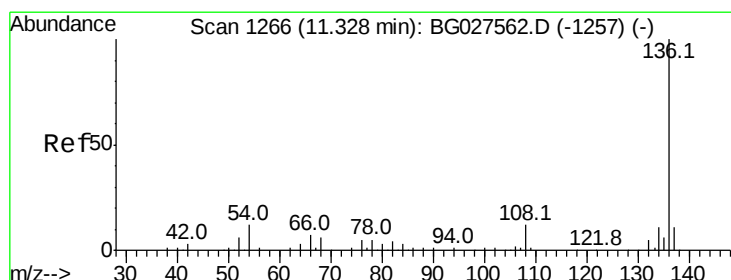
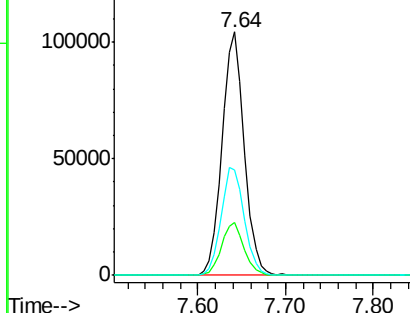
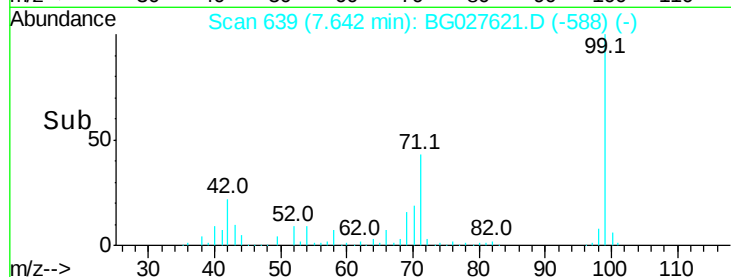
99 100

42 21.8 20.5 30.7

71 43.1 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: 11.32 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BG027621.D

Acq: 23 Jun 2017 7:57

Tgt Ion: 136 Resp: 76853

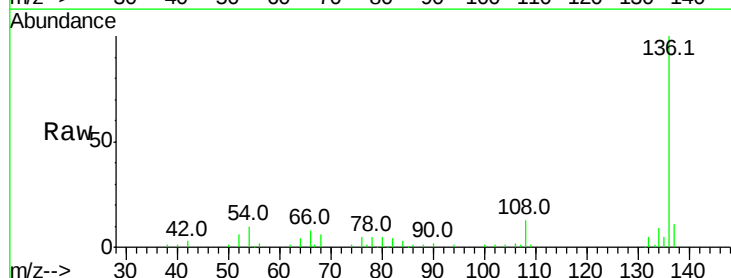
Ion Ratio Lower Upper

136 100

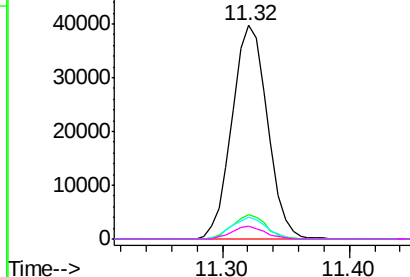
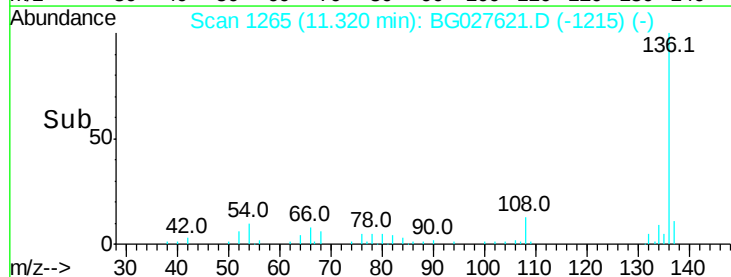
137 11.3 8.9 13.3

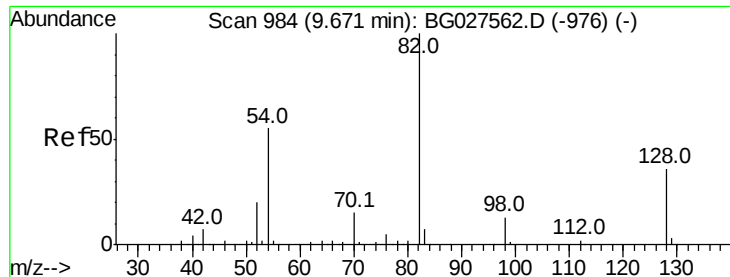
54 10.0 9.3 13.9

68 6.3 5.1 7.7



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

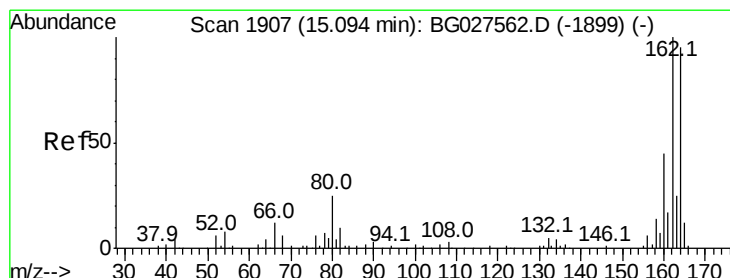
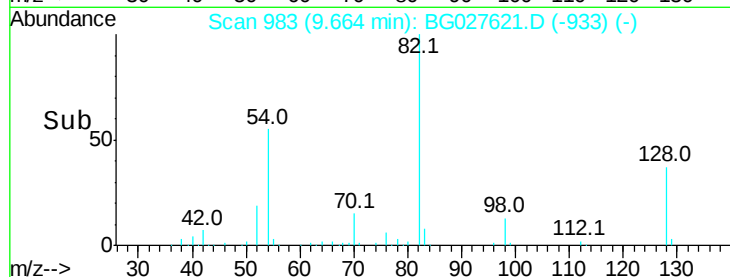
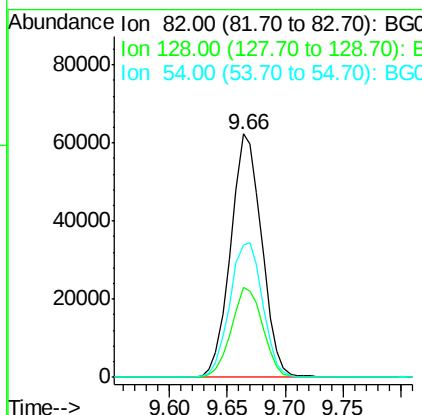
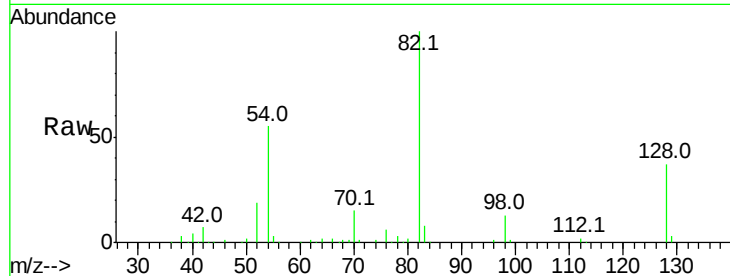




#23
Nitrobenzene-d5
Concen: 71.74 ng
RT: 9.66 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG027621.D
Acq: 23 Jun 2017 7:57

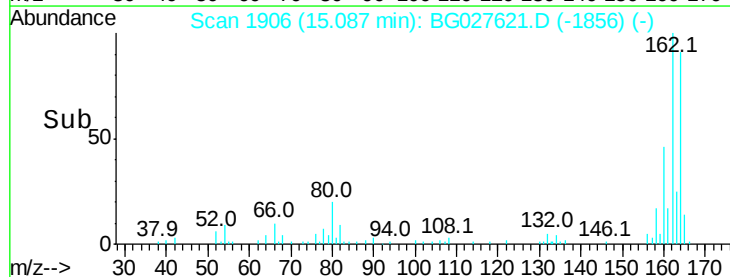
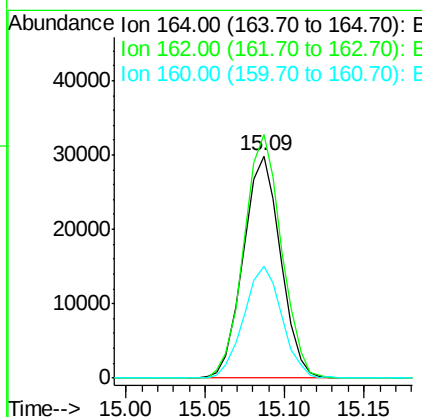
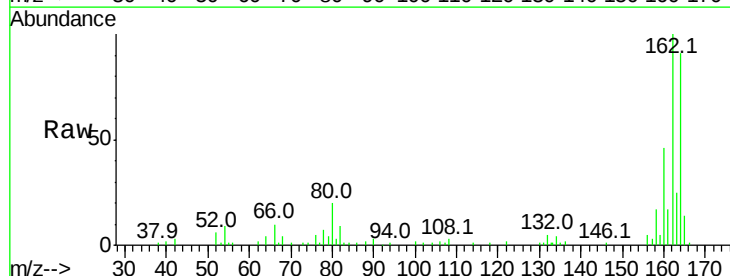
Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	116515
Ion Ratio	Lower	Upper	
82	100		
128	37.1	26.4	39.6
54	54.5	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.09 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG027621.D
Acq: 23 Jun 2017 7:57

Tgt Ion	164	Resp	48807
Ion Ratio	Lower	Upper	
164	100		
162	109.4	85.1	127.7
160	50.2	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 148.57 ng

RT: 16.57 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG027621.D

Acq: 23 Jun 2017 7:57

Instrument :

BNA_G

ClientSampleId :

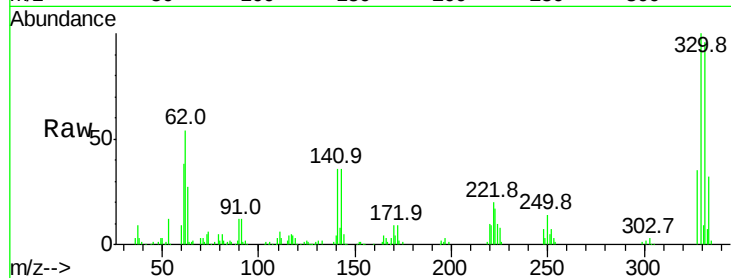
Tot Ion:330 Resp: 108103

Ion Ratio Lower Upper

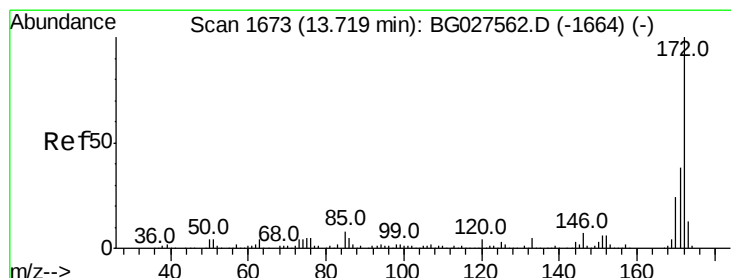
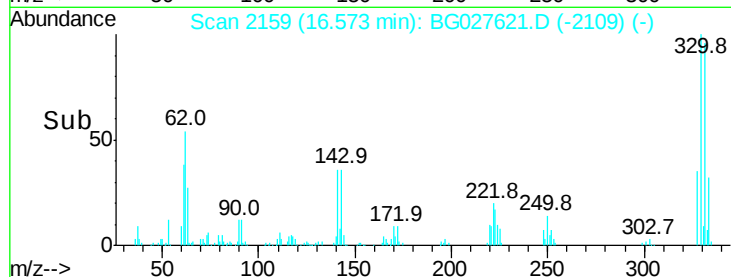
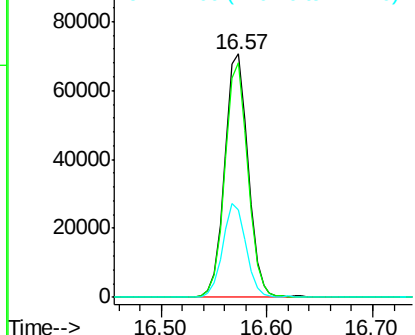
330 100

332 94.9 77.3 115.9

141 38.5 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: 77.98 ng

RT: 13.71 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BG027621.D

Acq: 23 Jun 2017 7:57

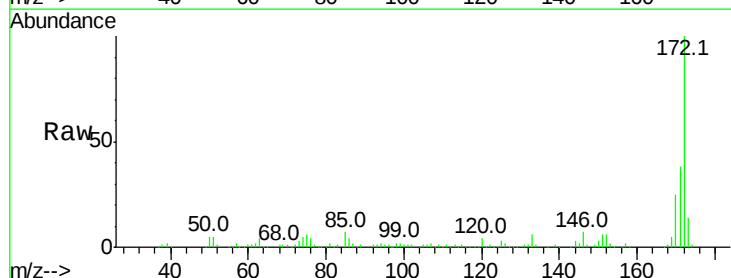
Tgt Ion:172 Resp: 278637

Ion Ratio Lower Upper

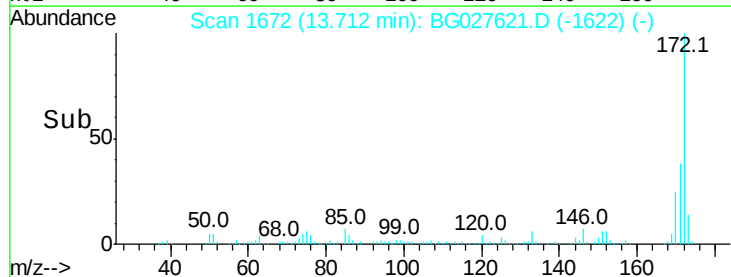
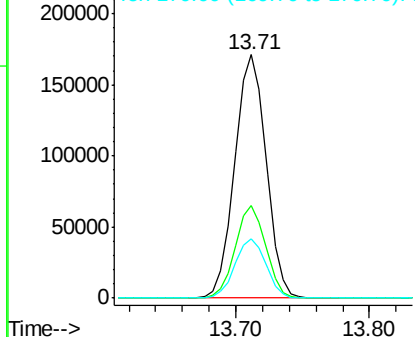
172 100

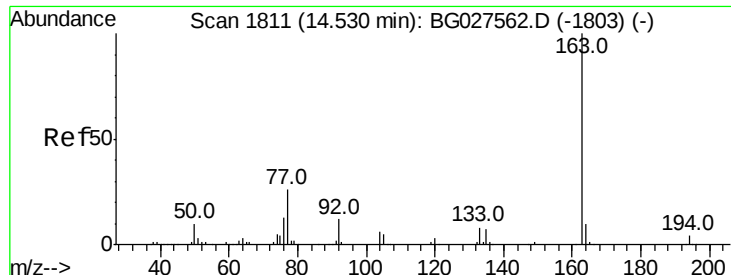
171 38.3 32.2 48.2

170 24.5 21.8 32.6



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: 7.20 ng

RT: 14.52 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BG027621.D

Acq: 23 Jun 2017 7:57

Instrument :

BNA_G

ClientSampled :

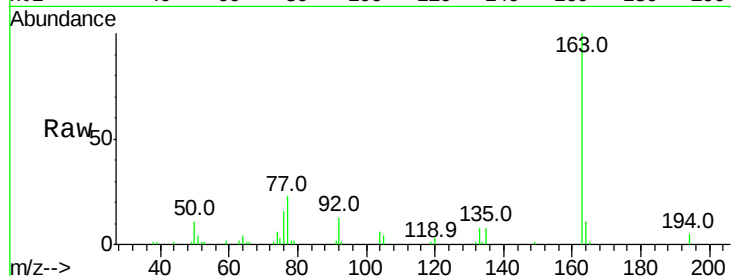
Tot Ion:163 Resp: 30782

Ion Ratio Lower Upper

163 100

194 5.2 3.8 5.6

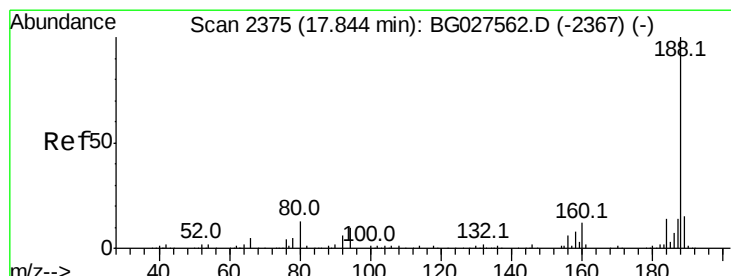
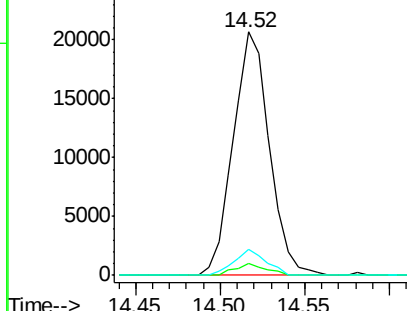
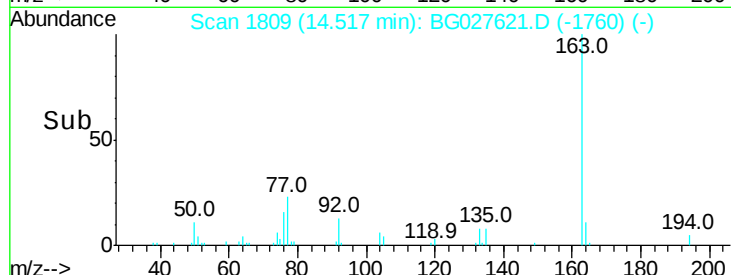
164 10.6 9.3 13.9



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.84 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BG027621.D

Acq: 23 Jun 2017 7:57

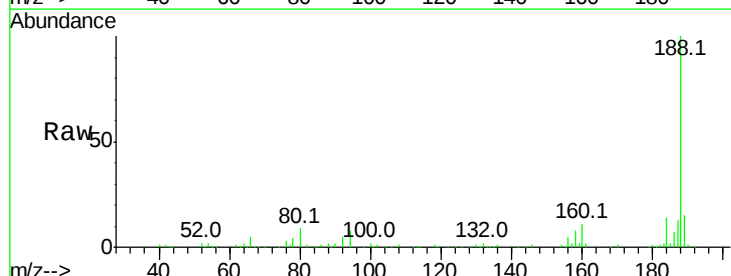
Tgt Ion:188 Resp: 155325

Ion Ratio Lower Upper

188 100

94 8.1 5.8 8.8

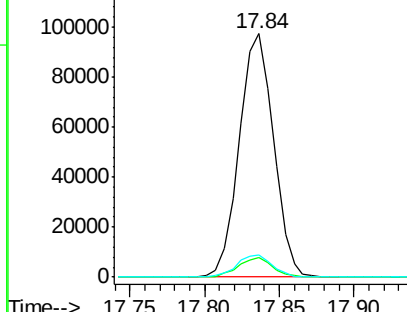
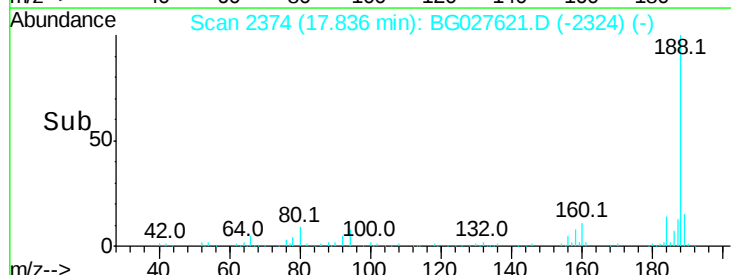
80 9.0 7.5 11.3

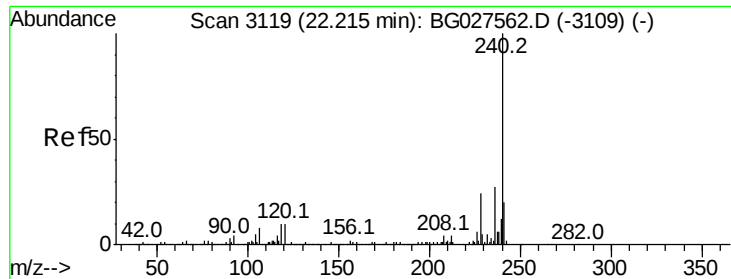


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.20 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BG027621.D

Acq: 23 Jun 2017 7:57

Instrument :

BNA_G

ClientSampleId :

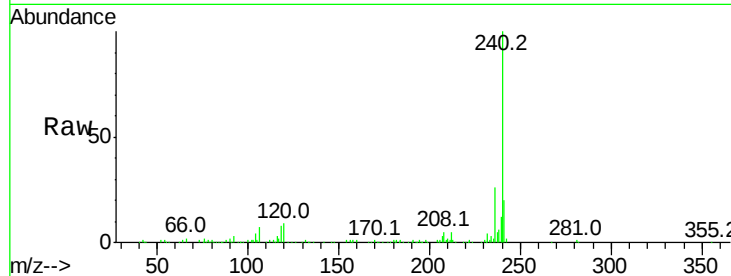
Tot Ion:240 Resp: 177557

Ion Ratio Lower Upper

240 100

120 9.4 5.7 8.5#

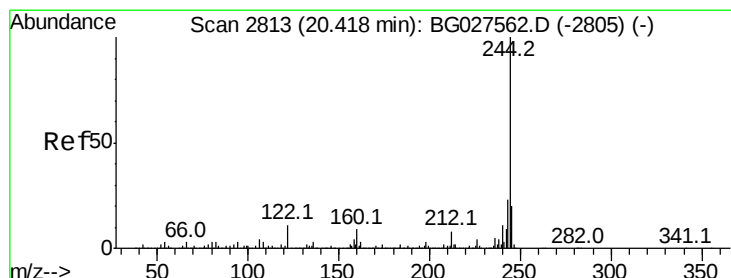
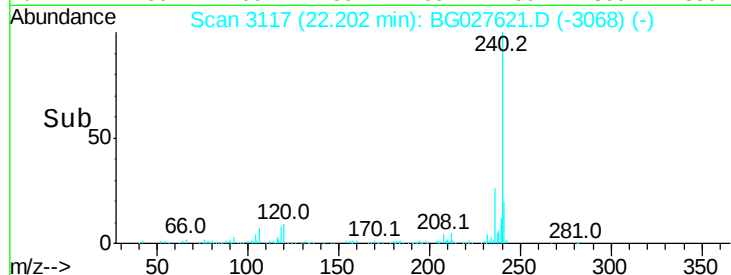
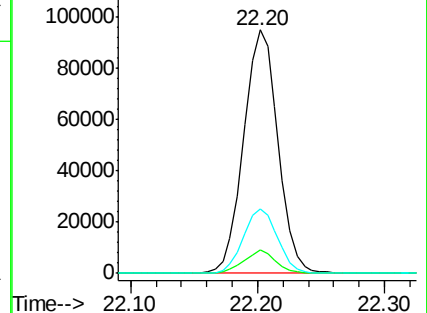
236 26.4 22.2 33.4



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: 85.88 ng

RT: 20.41 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG027621.D

Acq: 23 Jun 2017 7:57

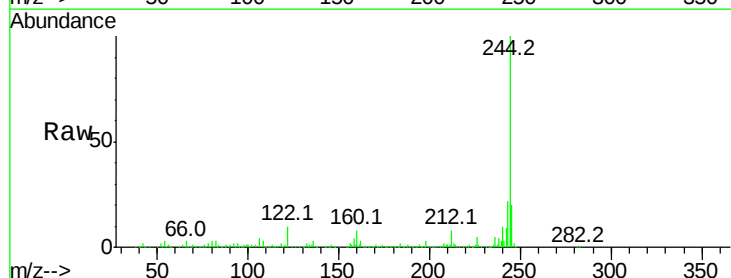
Tgt Ion:244 Resp: 647235

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

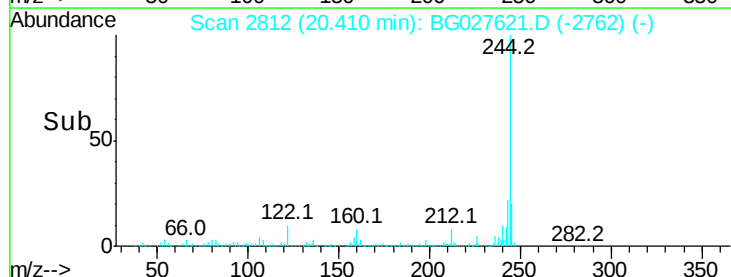
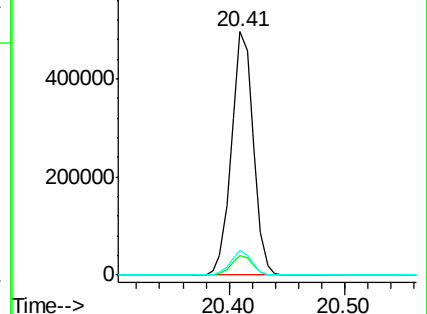
122 10.0 8.6 12.8



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: 25.83 min Scan# 3735
 Delta R.T. -0.01 min
 Lab File: BG027621.D
 Acq: 23 Jun 2017 7:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	21.8	32.8
265	22.7	18.2	27.4

