

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062417\
 Data File : BG027658.D
 Acq On : 24 Jun 2017 14:11
 Operator : SJ/JU
 Sample : I3743-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 26 04:17:46 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

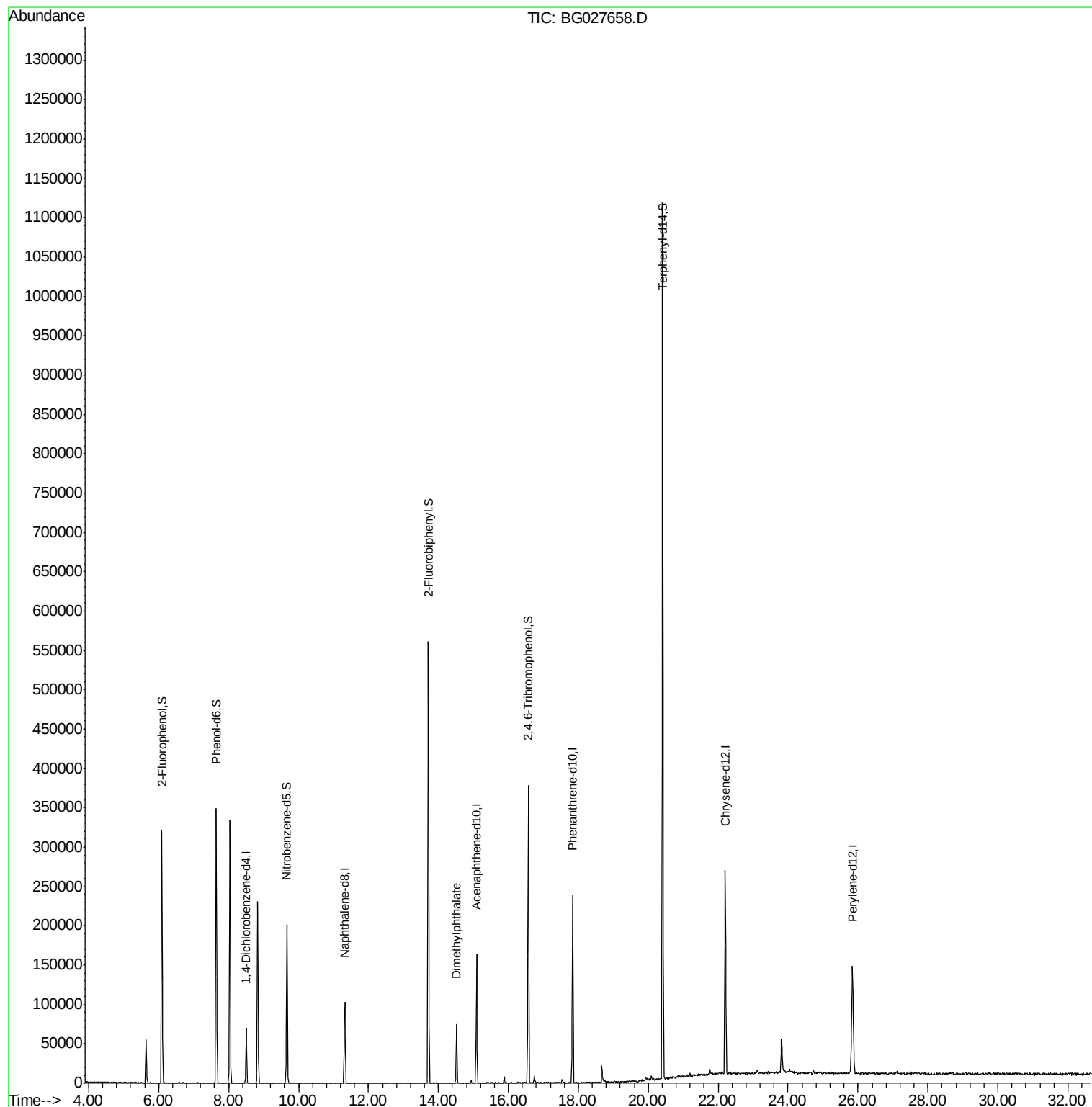
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.51	152	18633	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	86797	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	55352	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	149861	20.00	ng	0.00
75) Chrysene-d12	22.20	240	174998	20.00	ng	-0.01
86) Perylene-d12	25.84	264	163125	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	130692	99.82	ng	0.00
7) Phenol-d6	7.64	99	193153	99.66	ng	0.00
23) Nitrobenzene-d5	9.67	82	126599	69.02	ng	0.00
41) 2,4,6-Tribromophenol	16.58	330	63675	77.16	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	279208	68.90	ng	0.00
78) Terphenyl-d14	20.41	244	468694	63.10	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.52	163	45992	9.49	ng	97

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

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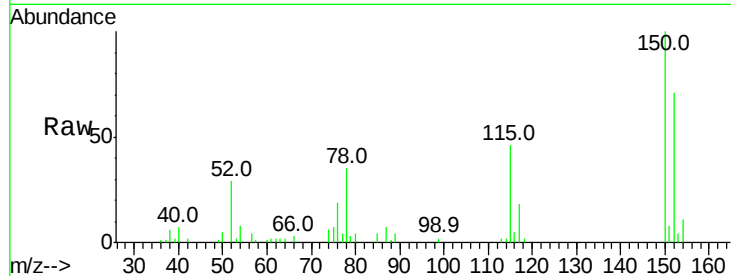


#1

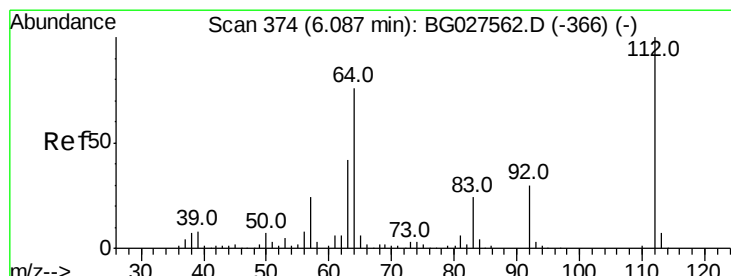
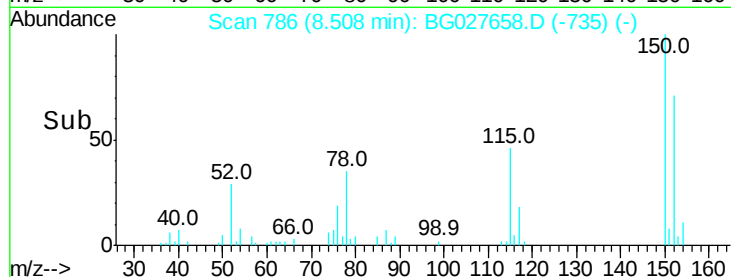
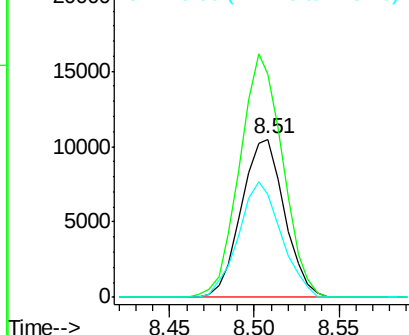
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.51 min Scan# 786
Delta R.T. 0.00 min
Lab File: BG027658.D
Acq: 24 Jun 2017 14:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 18633
Ion Ratio Lower Upper
152 100
150 141.2 114.0 171.0
115 65.5 48.1 72.1



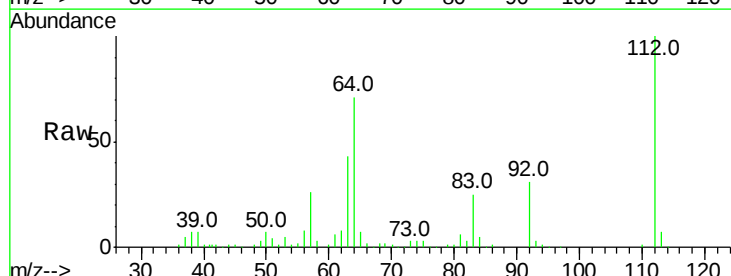
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



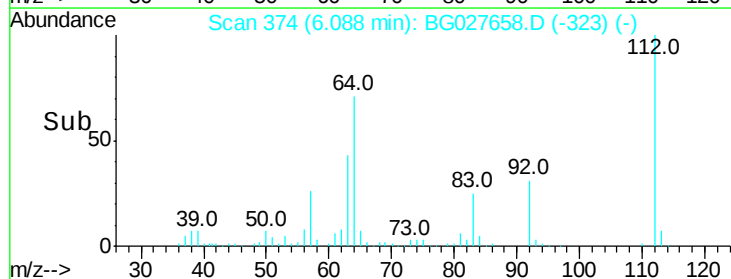
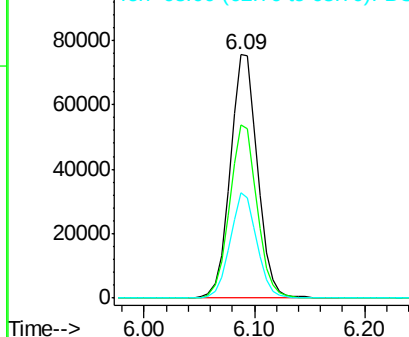
#5

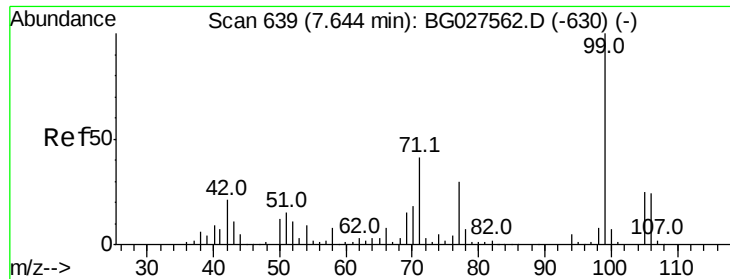
2-Fluorophenol
Concen: 99.82 ng
RT: 6.09 min Scan# 374
Delta R.T. 0.00 min
Lab File: BG027658.D
Acq: 24 Jun 2017 14:11

Tgt Ion:112 Resp: 130692
Ion Ratio Lower Upper
112 100
64 71.4 61.8 92.6
63 43.2 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 99.66 ng

RT: 7.64 min Scan# 639

Delta R.T. 0.00 min

Lab File: BG027658.D

Acq: 24 Jun 2017 14:11

Instrument :

BNA_G

ClientSampleId :

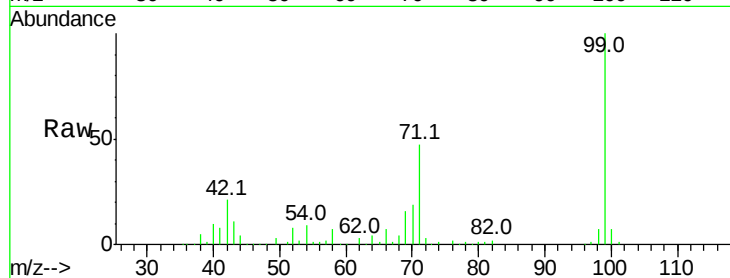
Tot Ion: 99 Resp: 193153

Ion Ratio Lower Upper

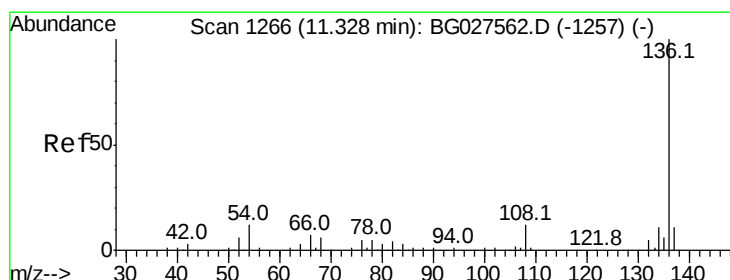
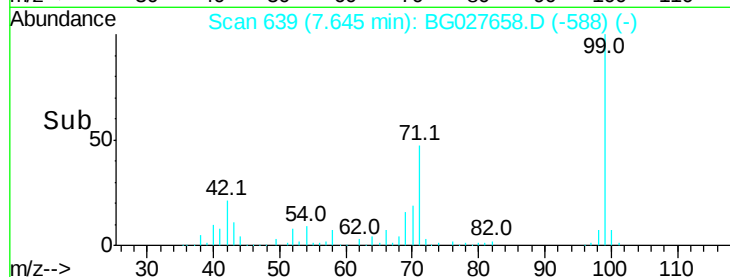
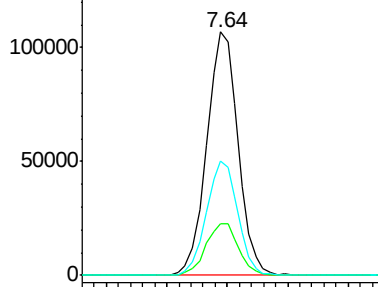
99 100

42 21.3 20.5 30.7

71 47.0 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: BG027658.D

Acq: 24 Jun 2017 14:11

Tgt Ion: 136 Resp: 86797

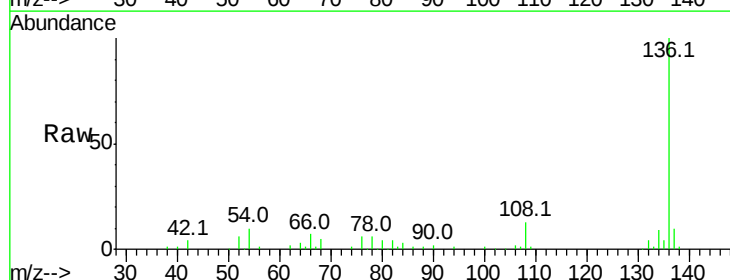
Ion Ratio Lower Upper

136 100

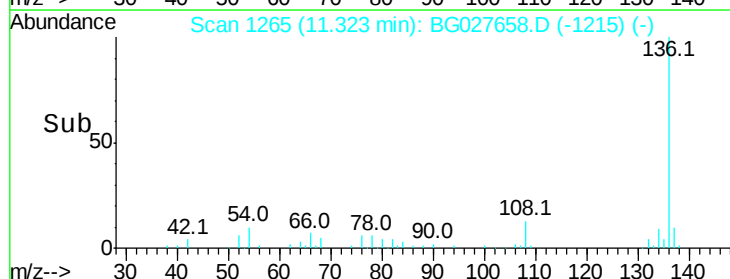
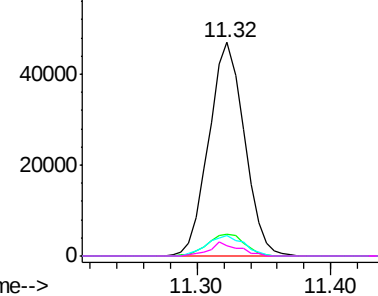
137 9.9 8.9 13.3

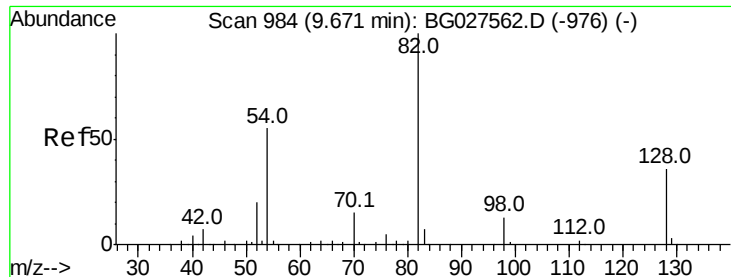
54 9.5 9.3 13.9

68 4.8 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

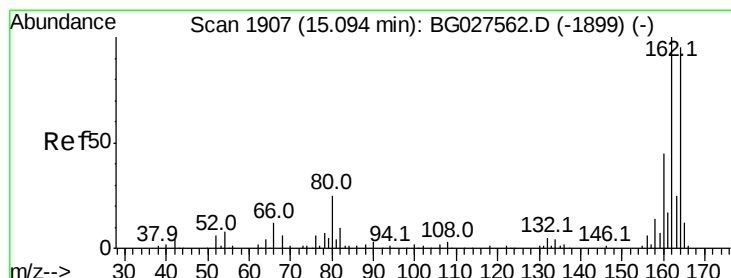
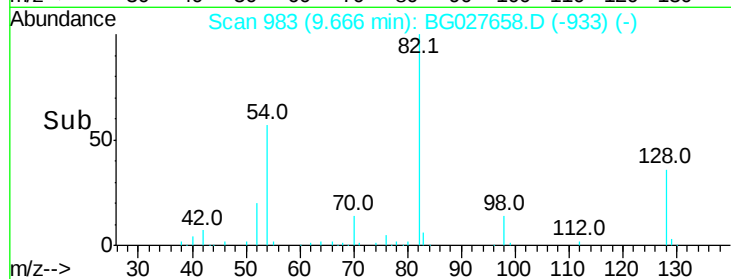
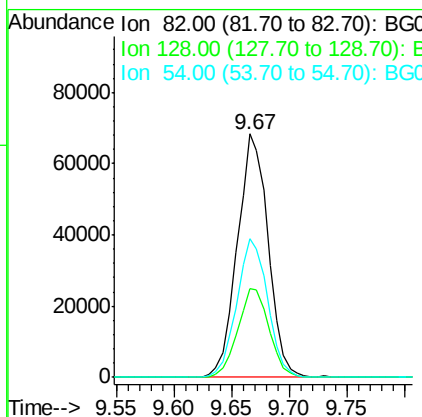
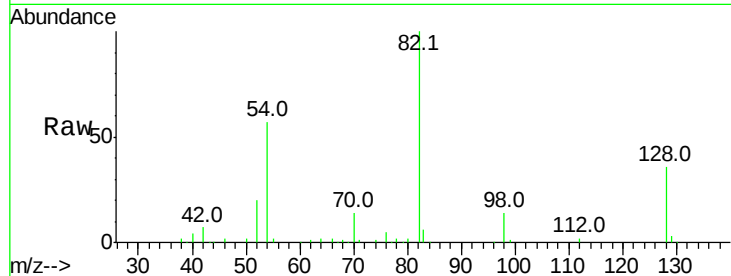




#23
 Nitrobenzene-d5
 Concen: 69.02 ng
 RT: 9.67 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BG027658.D
 Acq: 24 Jun 2017 14:11

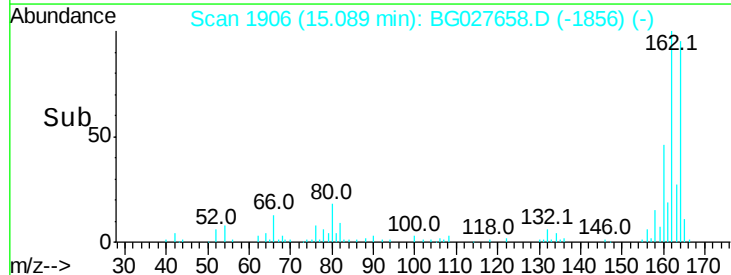
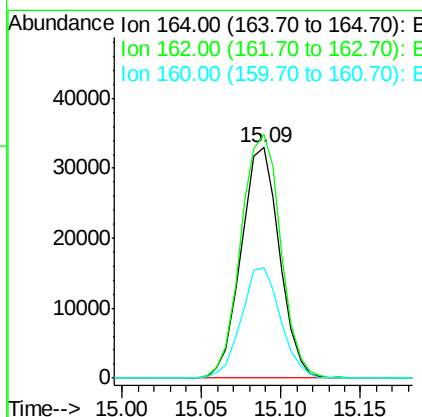
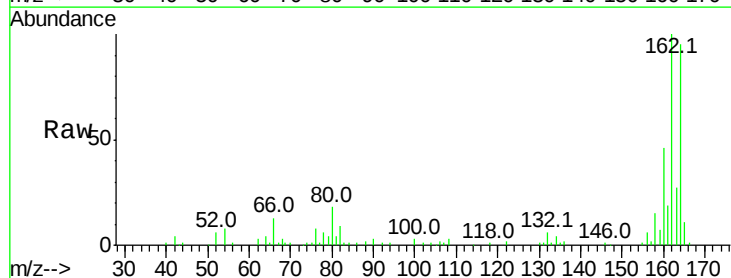
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	126599
Ion Ratio	Lower	Upper	
82	100		
128	36.3	26.4	39.6
54	57.1	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: BG027658.D
 Acq: 24 Jun 2017 14:11

Tgt Ion	164	Resp	55352
Ion Ratio	Lower	Upper	
164	100		
162	105.6	85.1	127.7
160	48.1	34.7	52.1

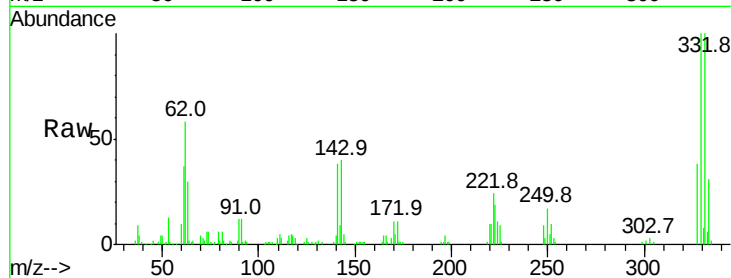




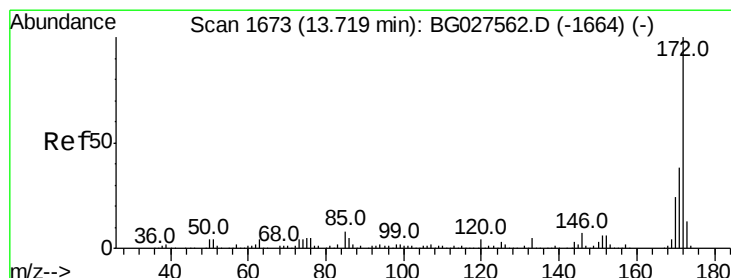
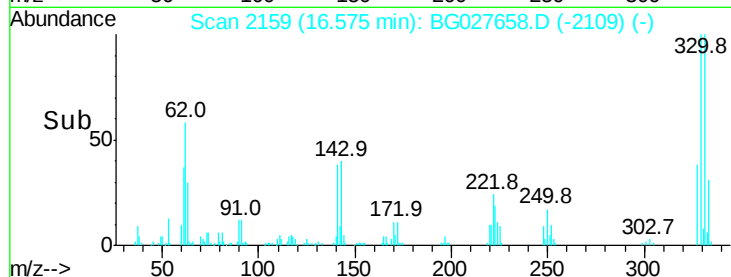
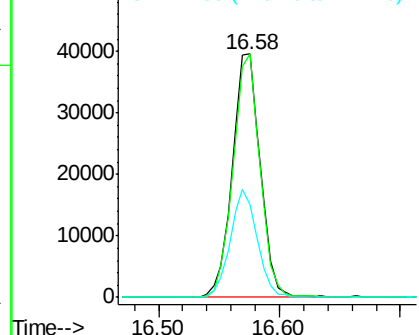
#41
 2,4,6-Tribromophenol
 Concen: 77.16 ng
 RT: 16.58 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG027658.D
 Acq: 24 Jun 2017 14:11

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 63675
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.3 115.9
 141 42.4 32.1 48.1

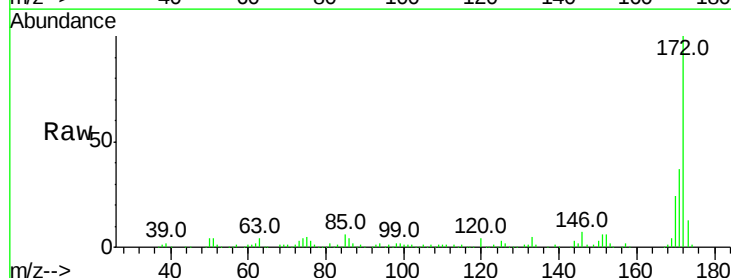


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

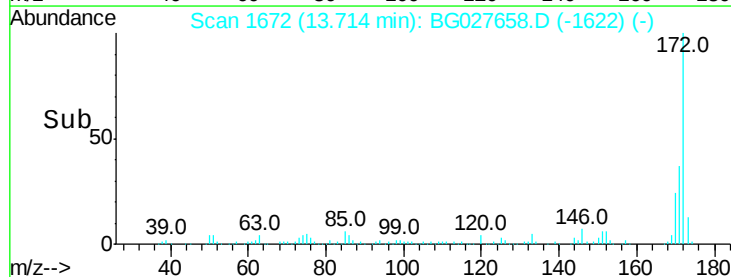
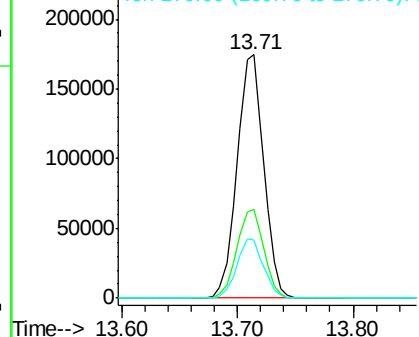


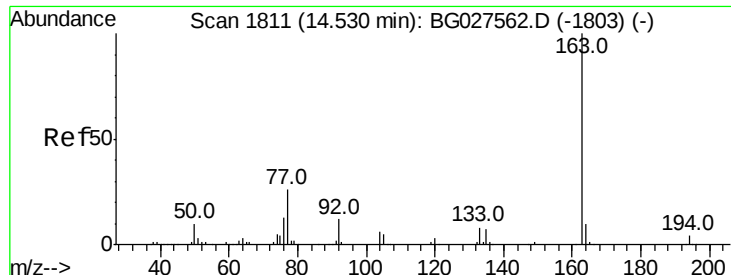
#44
 2-Fluorobiphenyl
 Concen: 68.90 ng
 RT: 13.71 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG027658.D
 Acq: 24 Jun 2017 14:11

Tgt Ion:172 Resp: 279208
 Ion Ratio Lower Upper
 172 100
 171 36.5 32.2 48.2
 170 23.7 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: 9.49 ng

RT: 14.52 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BG027658.D

Acq: 24 Jun 2017 14:11

Instrument :

BNA_G

ClientSampleId :

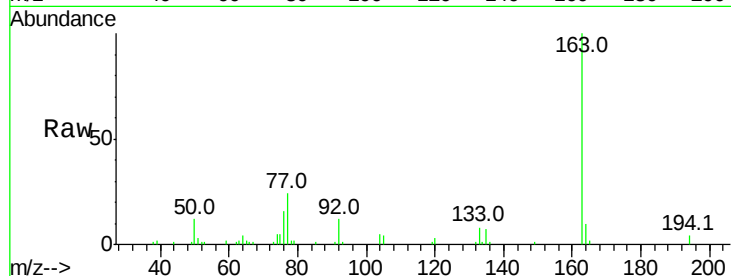
Tot Ion:163 Resp: 45992

Ion Ratio Lower Upper

163 100

194 4.1 3.8 5.6

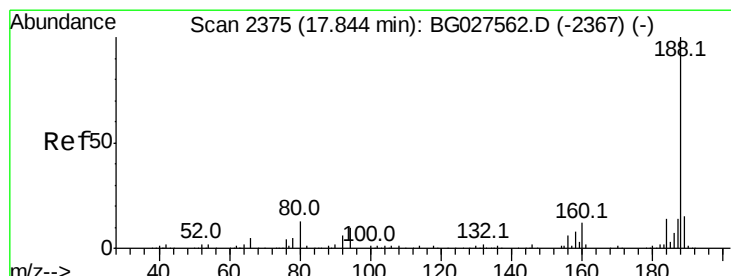
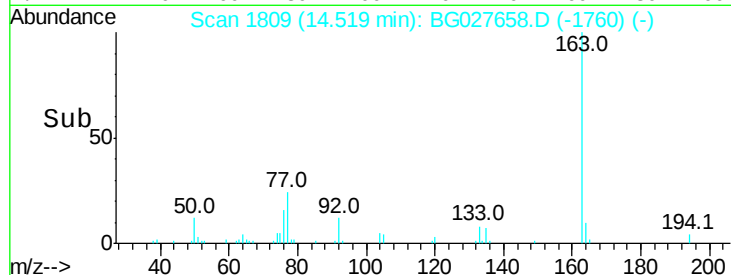
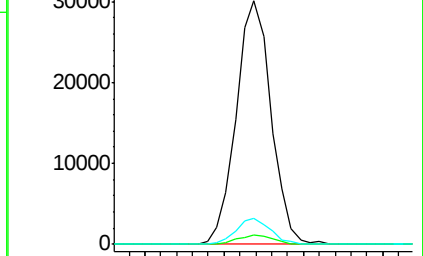
164 10.5 9.3 13.9



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: BG027658.D

Acq: 24 Jun 2017 14:11

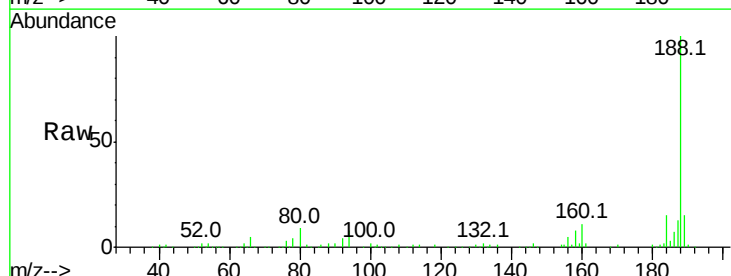
Tgt Ion:188 Resp: 149861

Ion Ratio Lower Upper

188 100

94 7.7 5.8 8.8

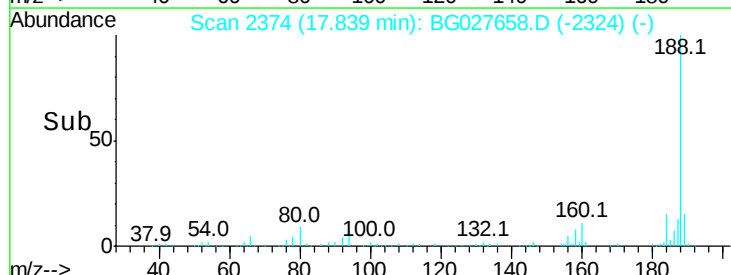
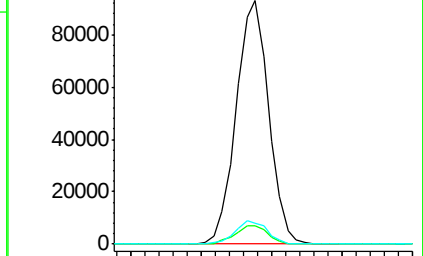
80 8.8 7.5 11.3

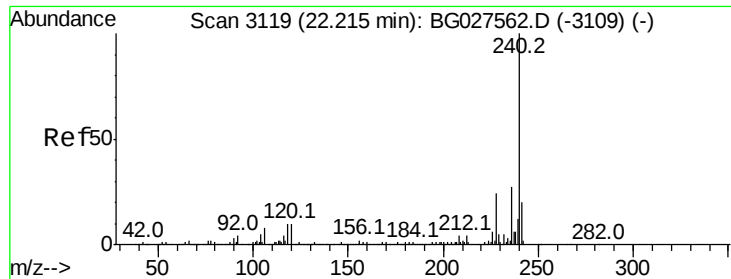


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG027658.D

Acq: 24 Jun 2017 14:11

Instrument :

BNA_G

ClientSampleId :

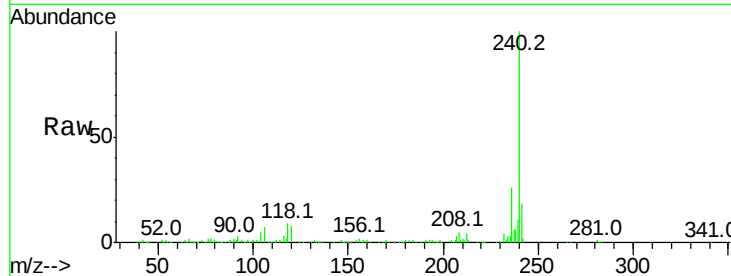
Tot Ion:240 Resp: 174998

Ion Ratio Lower Upper

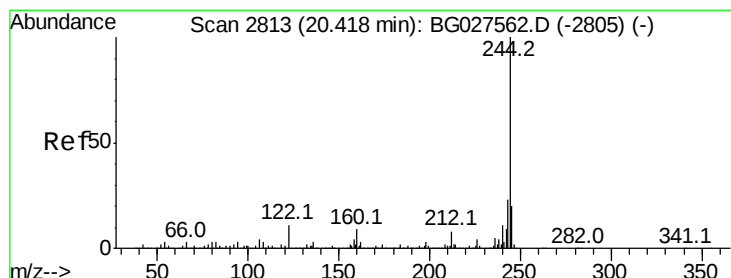
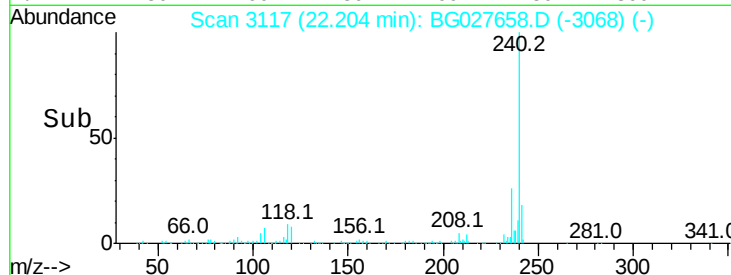
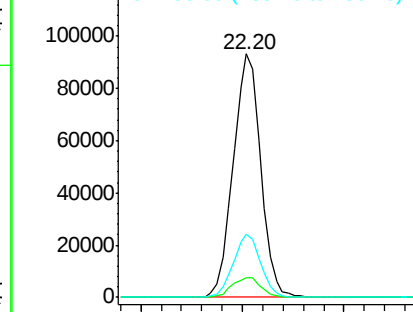
240 100

120 8.2 5.7 8.5

236 26.0 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: 63.10 ng

RT: 20.41 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG027658.D

Acq: 24 Jun 2017 14:11

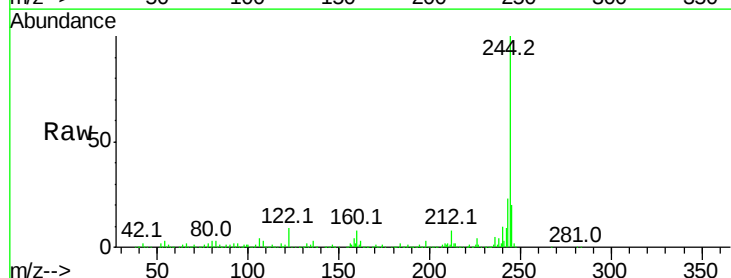
Tgt Ion:244 Resp: 468694

Ion Ratio Lower Upper

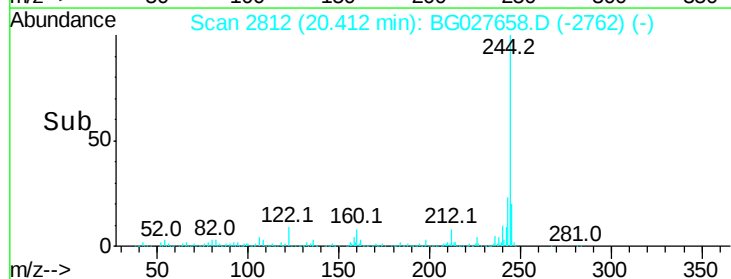
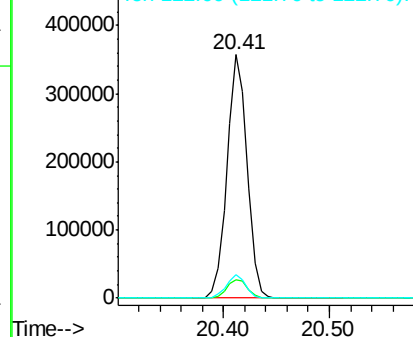
244 100

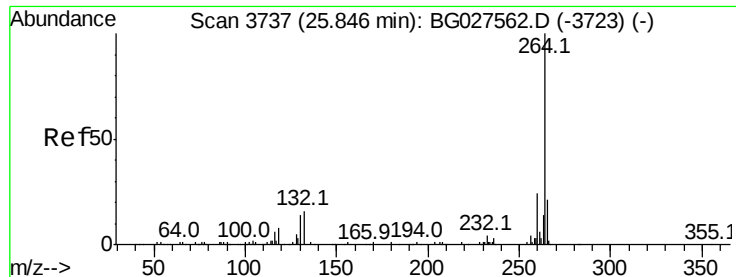
212 7.8 10.0 15.0#

122 9.4 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

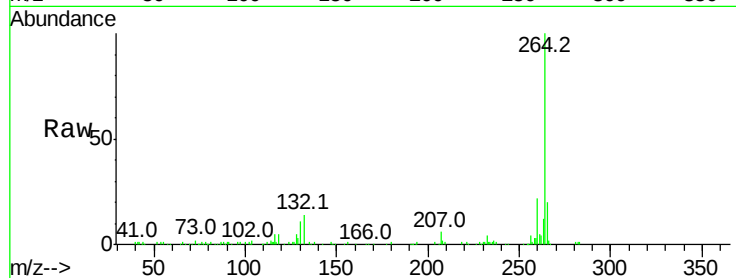




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.84 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BG027658.D
Acq: 24 Jun 2017 14:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	21.8	32.8#
265	20.3	18.2	27.4



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

