

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070117\
 Data File : BG027804.D
 Acq On : 2 Jul 2017 4:39
 Operator : SJ/JU
 Sample : I4020-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 06:59:54 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

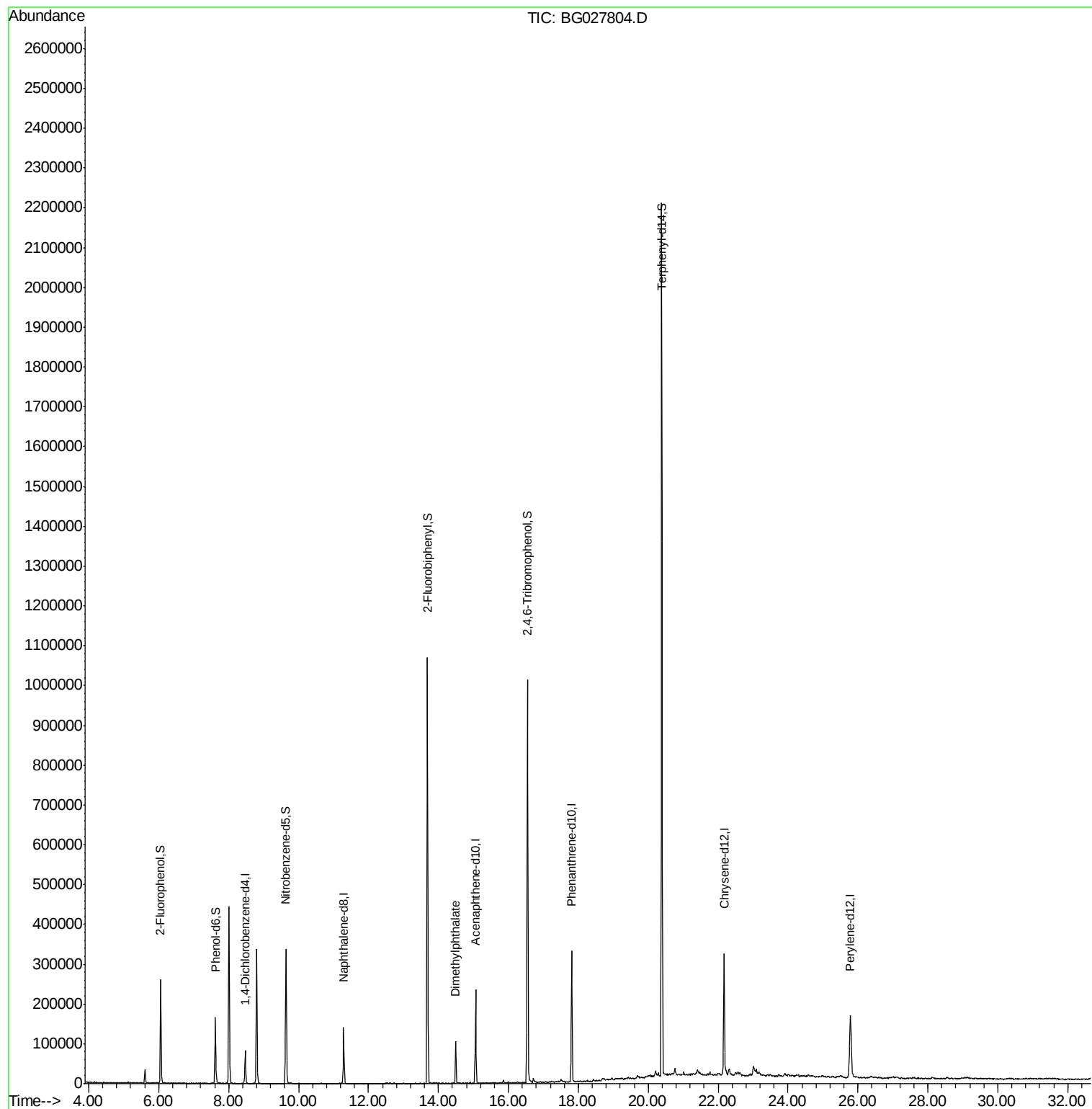
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	24783	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	125351	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	85187	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	211434	20.00	ng	0.00
75) Chrysene-d12	22.17	240	208034	20.00	ng	0.00
86) Perylene-d12	25.78	264	204362	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	113437	70.48	ng	0.00
7) Phenol-d6	7.62	99	102025	41.50	ng	0.00
23) Nitrobenzene-d5	9.64	82	206551	91.85	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	211522	181.03	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	569265	95.44	ng	0.00
78) Terphenyl-d14	20.39	244	1009125	113.72	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.49	163	70321	9.68	ng	Qvalue 98

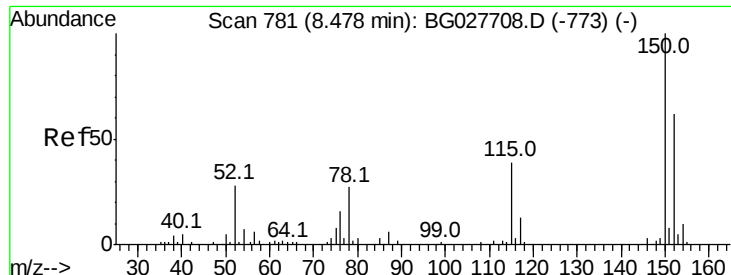
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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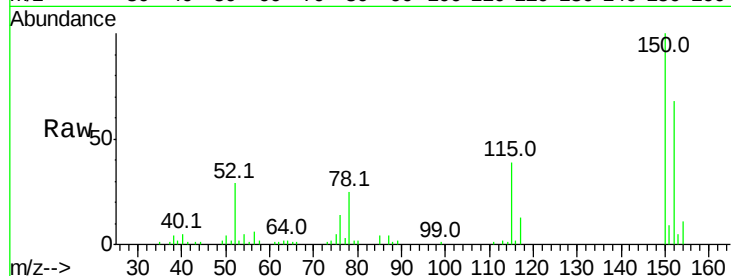


#1

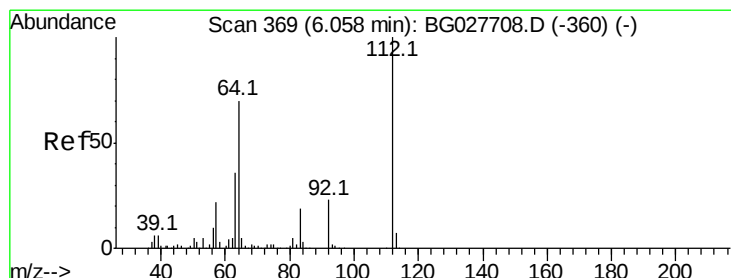
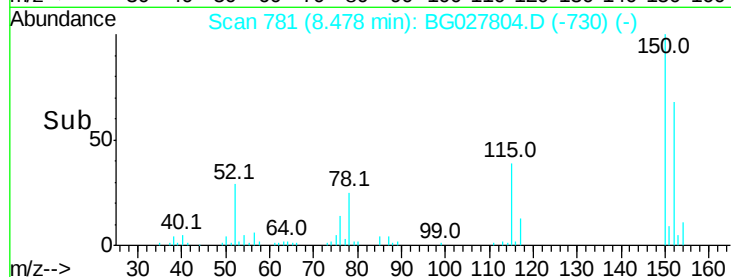
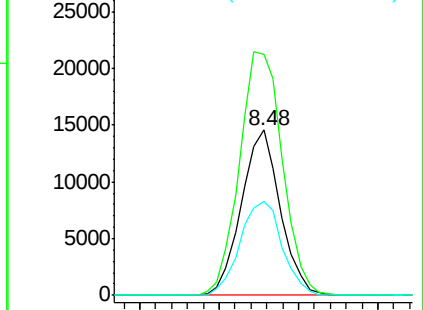
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027804.D
Acq: 2 Jul 2017 4:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.2	114.0	171.0
115	56.9	48.1	72.1



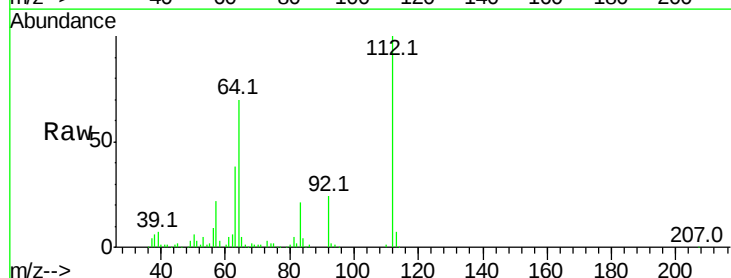
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



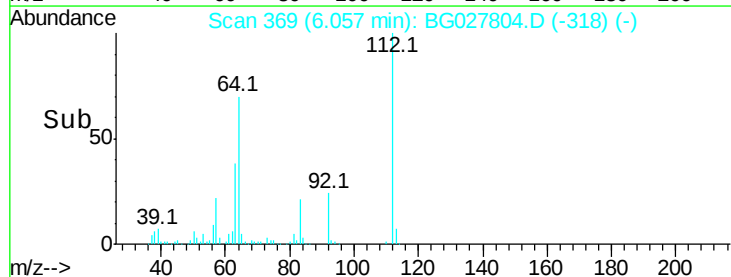
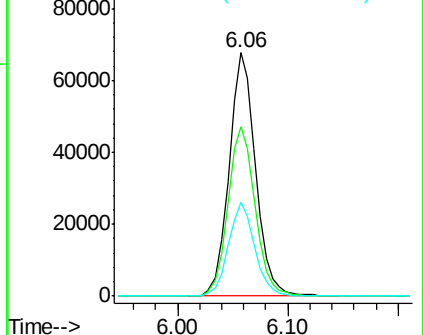
#5

2-Fluorophenol
Concen: 70.48 ng
RT: 6.06 min Scan# 369
Delta R.T. -0.00 min
Lab File: BG027804.D
Acq: 2 Jul 2017 4:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.7	61.8	92.6
63	38.5	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: 41.50 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.01 min

Lab File: BG027804.D

Acq: 2 Jul 2017 4:39

Instrument :

BNA_G

ClientSampleId :

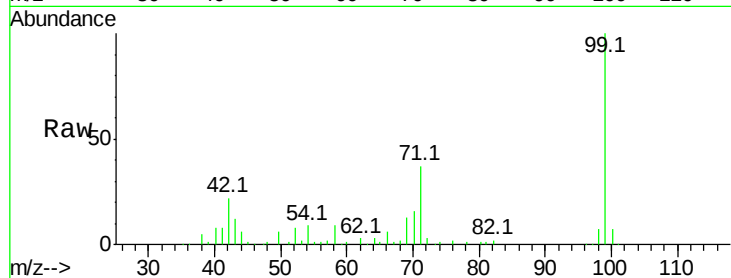
Tot Ion: 99 Resp: 102025

Ion Ratio Lower Upper

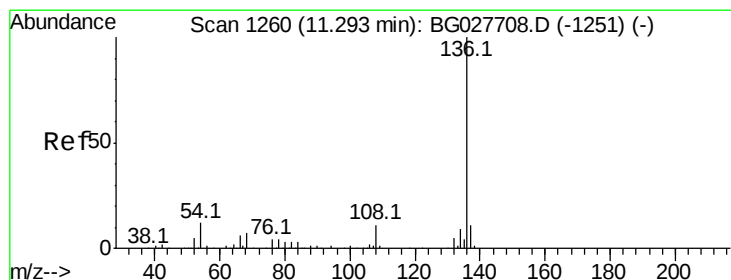
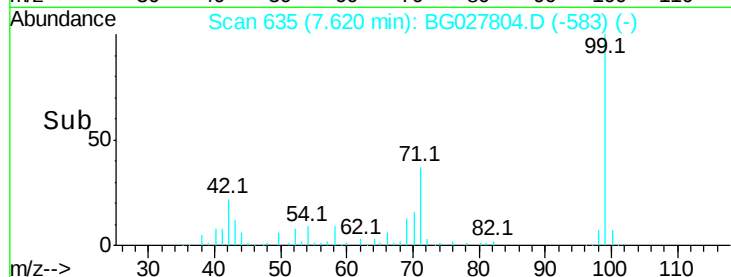
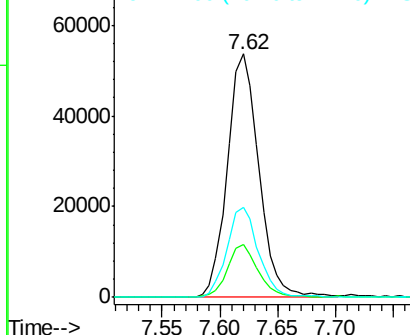
99 100

42 21.5 20.5 30.7

71 37.0 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: 11.29 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BG027804.D

Acq: 2 Jul 2017 4:39

Tgt Ion: 136 Resp: 125351

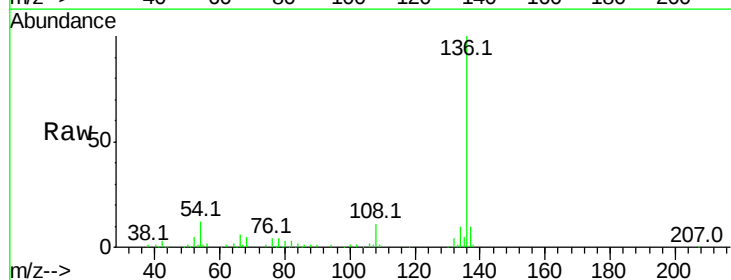
Ion Ratio Lower Upper

136 100

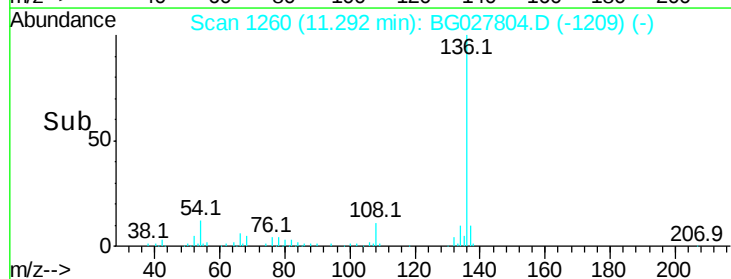
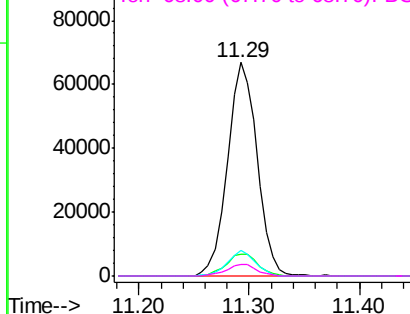
137 10.1 8.9 13.3

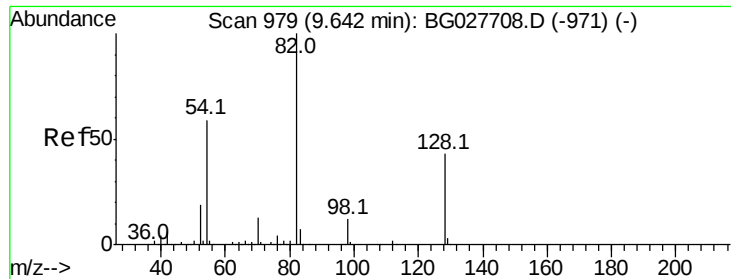
54 12.2 9.3 13.9

68 5.2 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

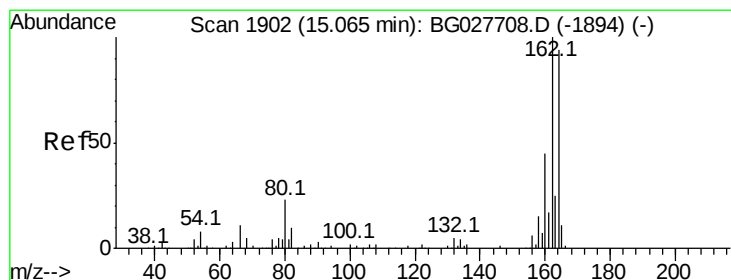
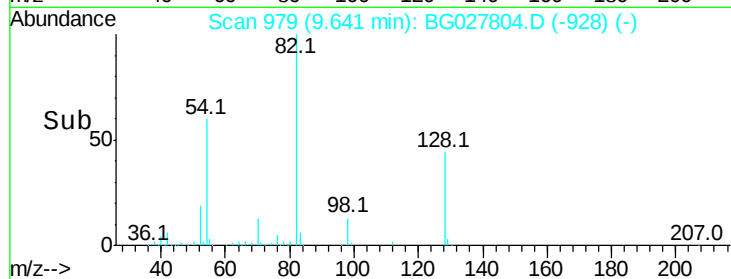
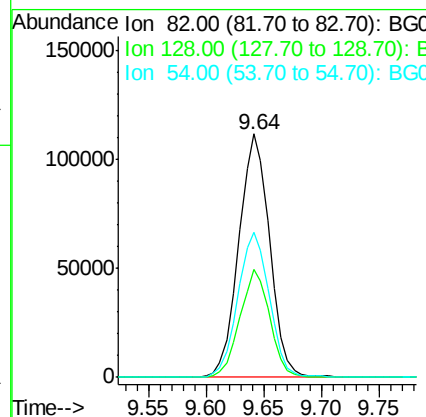
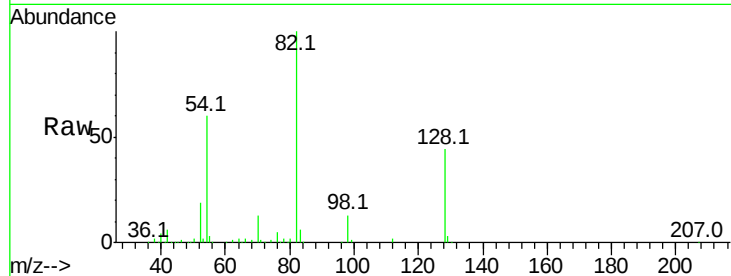




#23
 Nitrobenzene-d5
 Concen: 91.85 ng
 RT: 9.64 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BG027804.D
 Acq: 2 Jul 2017 4:39

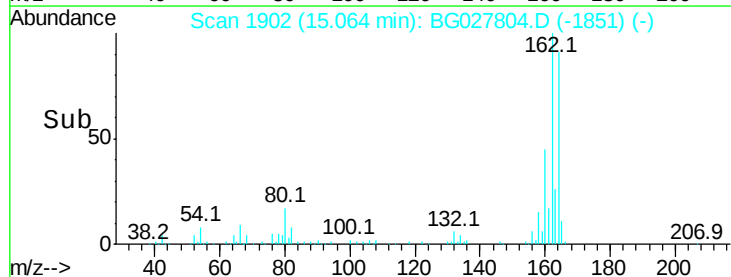
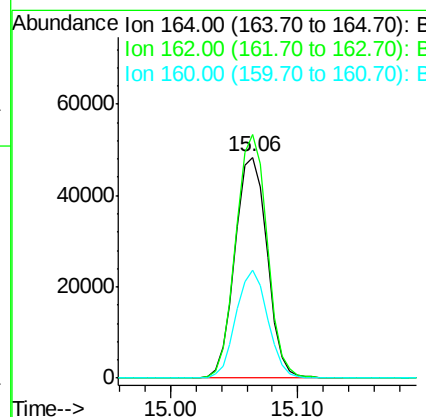
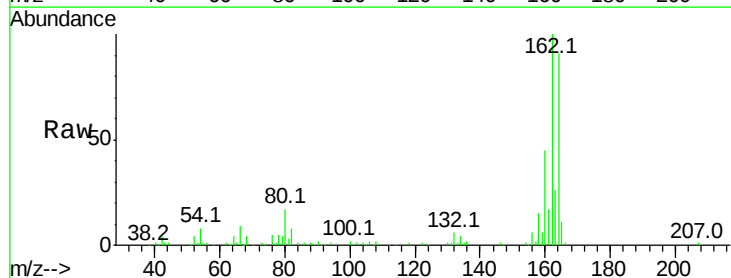
Instrument :
 BNA_G
 ClientSampleId :

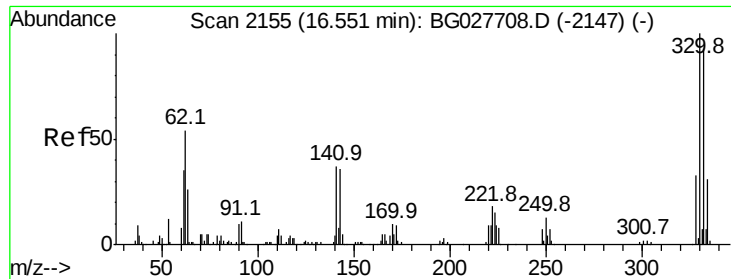
Tot Ion: 82 Resp: 206551
 Ion Ratio Lower Upper
 82 100
 128 44.5 26.4 39.6#
 54 59.8 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BG027804.D
 Acq: 2 Jul 2017 4:39

Tgt Ion:164 Resp: 85187
 Ion Ratio Lower Upper
 164 100
 162 110.1 85.1 127.7
 160 49.1 34.7 52.1

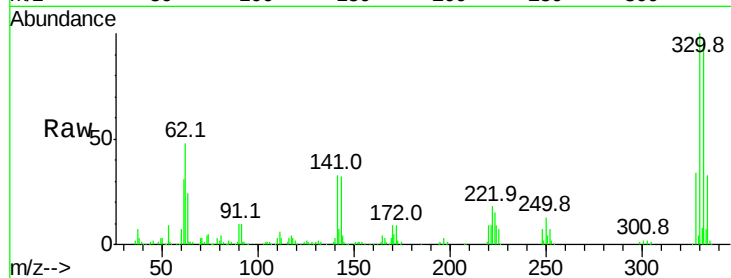




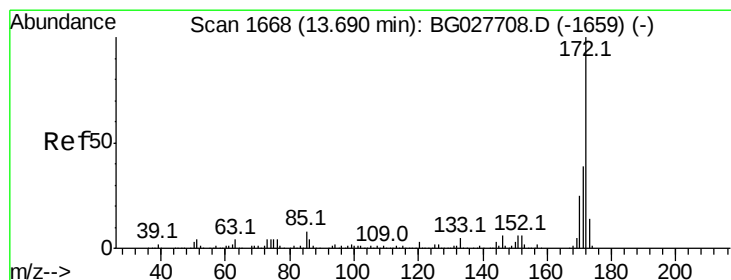
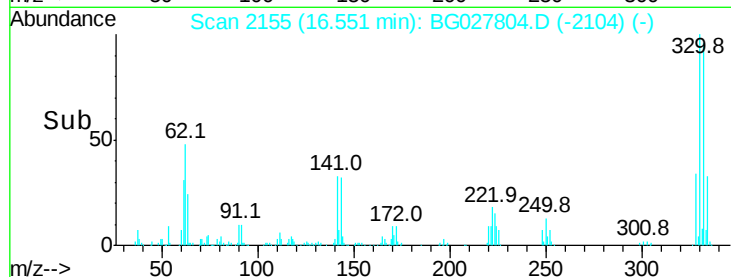
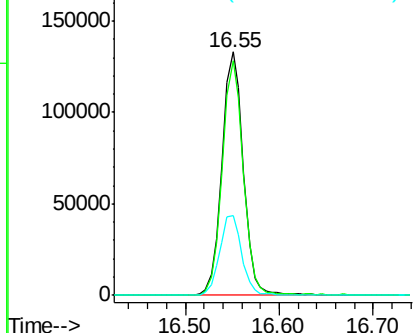
#41
 2,4,6-Tribromophenol
 Concen: 181.03 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG027804.D
 Acq: 2 Jul 2017 4:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.3	115.9
141	34.4	32.1	48.1

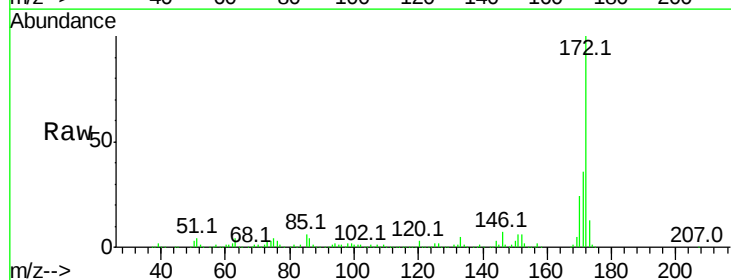


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

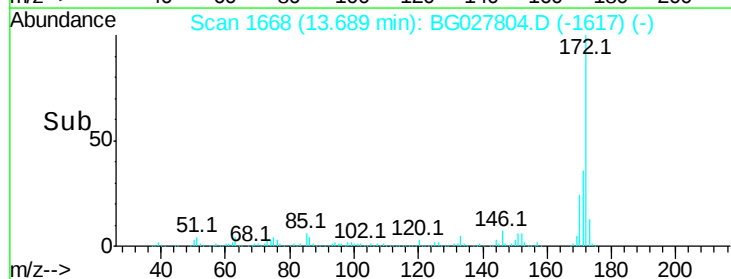
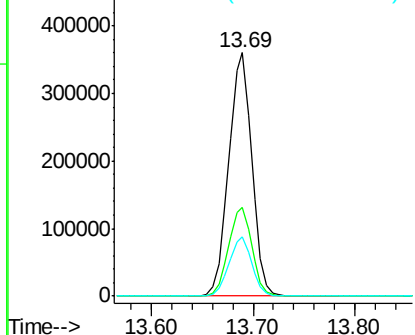


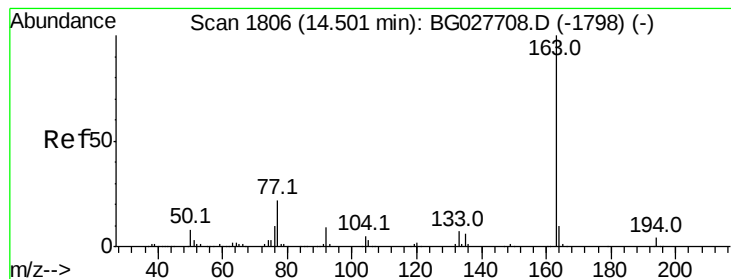
#44
 2-Fluorobiphenyl
 Concen: 95.44 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027804.D
 Acq: 2 Jul 2017 4:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	32.2	48.2
170	24.1	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: 9.68 ng

RT: 14.49 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BG027804.D

Acq: 2 Jul 2017 4:39

Instrument :

BNA_G

ClientSampleId :

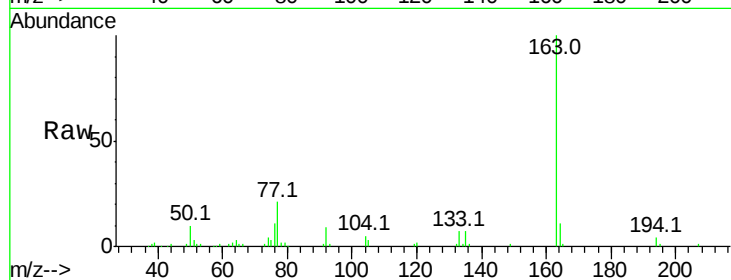
Tot Ion:163 Resp: 70321

Ion Ratio Lower Upper

163 100

194 4.3 3.8 5.6

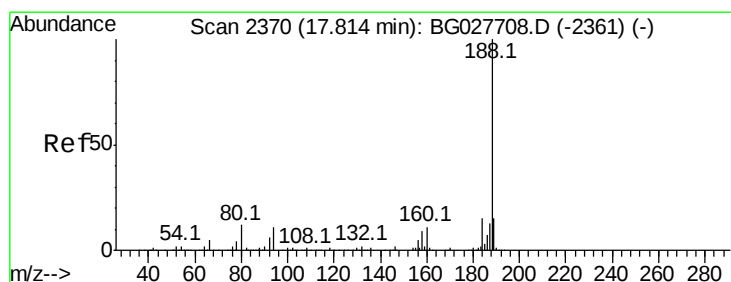
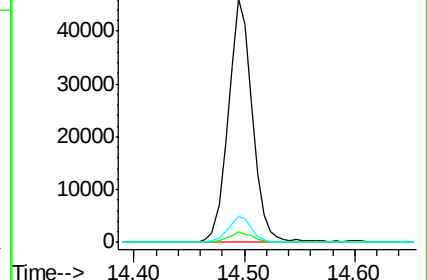
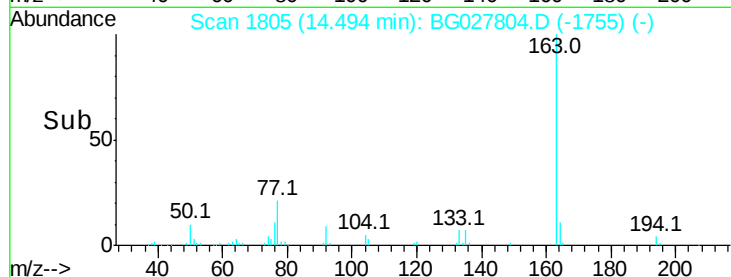
164 10.9 9.3 13.9



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: 17.81 min Scan# 2370

Delta R.T. -0.00 min

Lab File: BG027804.D

Acq: 2 Jul 2017 4:39

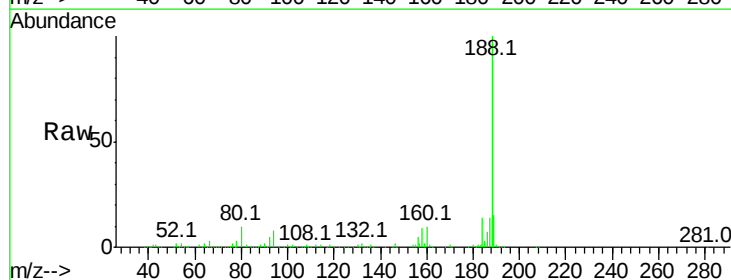
Tgt Ion:188 Resp: 211434

Ion Ratio Lower Upper

188 100

94 8.5 5.8 8.8

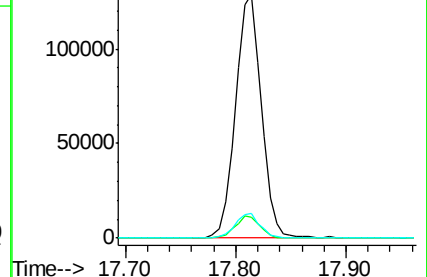
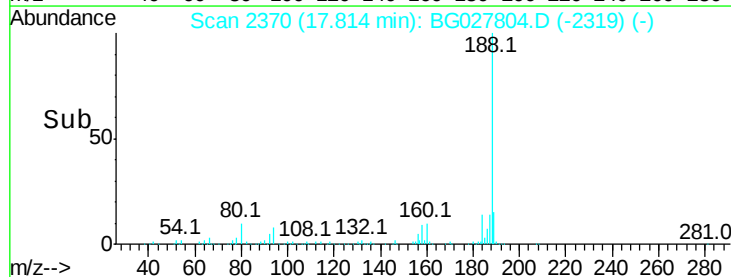
80 10.0 7.5 11.3

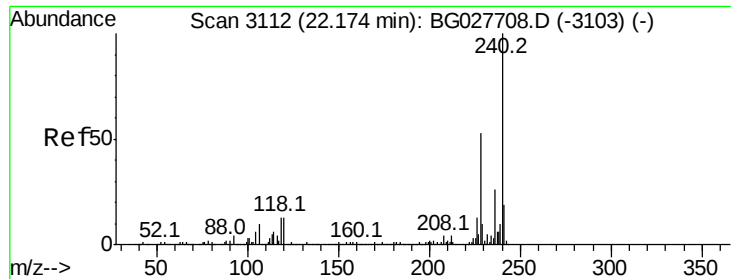


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 22.17 min Scan# 3112

Delta R.T. -0.00 min

Lab File: BG027804.D

Acq: 2 Jul 2017 4:39

Instrument :

BNA_G

ClientSampled :

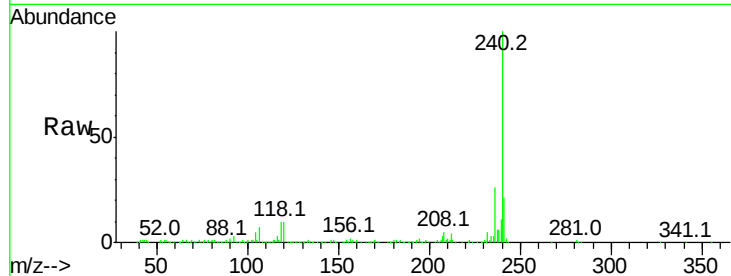
Tot Ion:240 Resp: 208034

Ion Ratio Lower Upper

240 100

120 10.0 5.7 8.5#

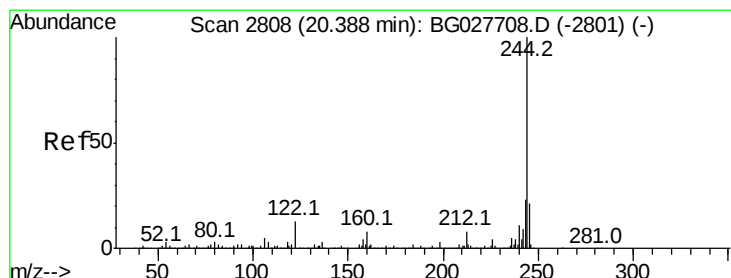
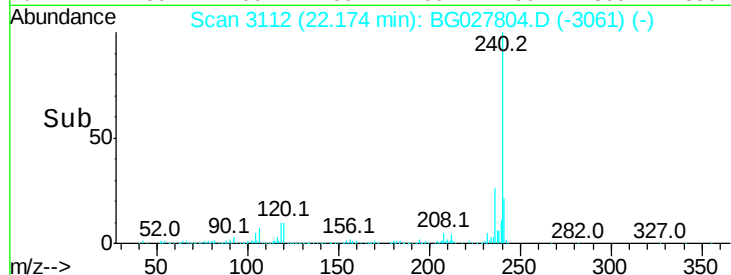
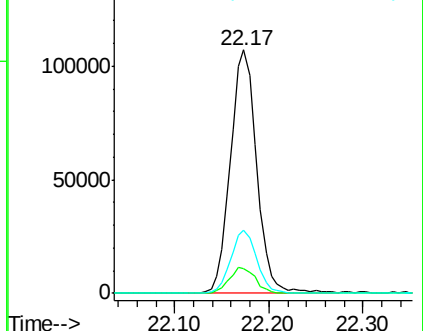
236 26.1 22.2 33.4



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: 113.72 ng

RT: 20.39 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BG027804.D

Acq: 2 Jul 2017 4:39

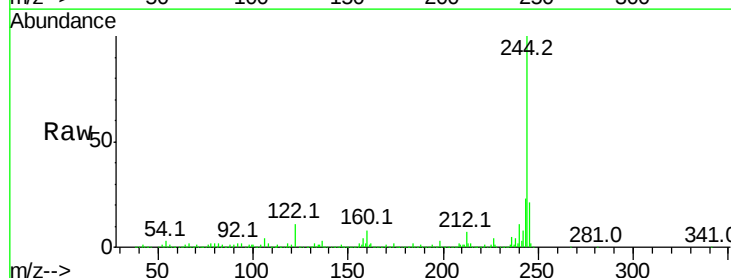
Tgt Ion:244 Resp: 1009125

Ion Ratio Lower Upper

244 100

212 7.4 10.0 15.0#

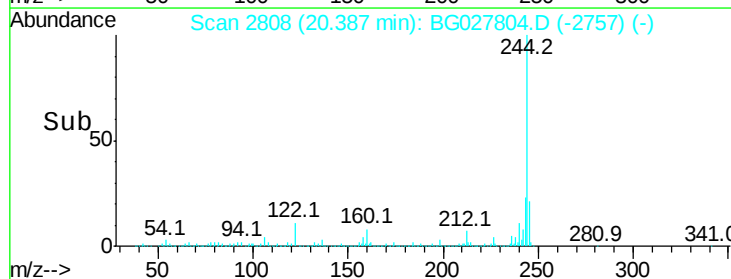
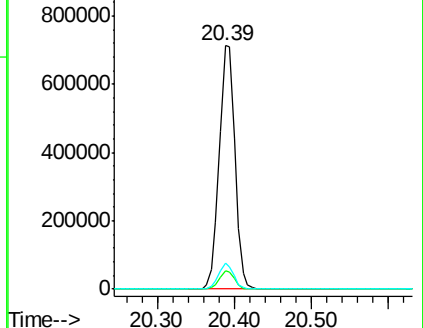
122 10.9 8.6 12.8

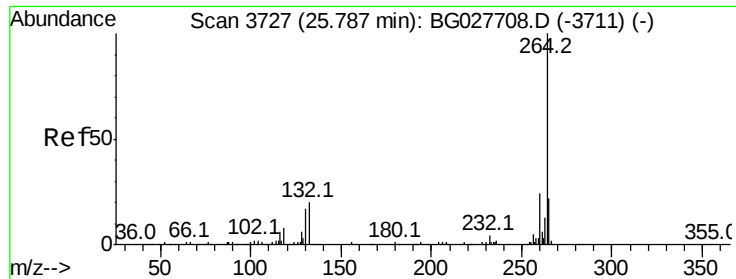


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

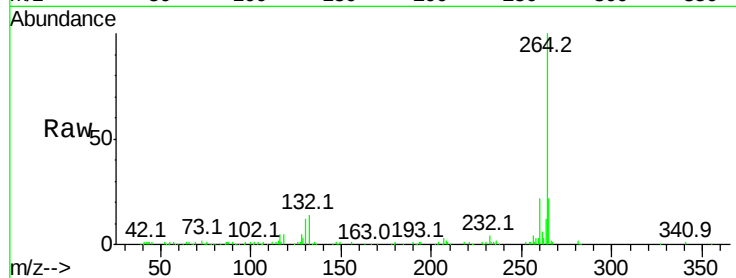




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.78 min Scan# 3726
 Delta R.T. -0.01 min
 Lab File: BG027804.D
 Acq: 2 Jul 2017 4:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	21.8	32.8
265	21.6	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

