

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
 Data File : BG027393.D
 Acq On : 13 Jun 2017 19:40
 Operator : SJ/MA
 Sample : I3614-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PZ-4

Quant Time: Jun 14 07:20:51 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

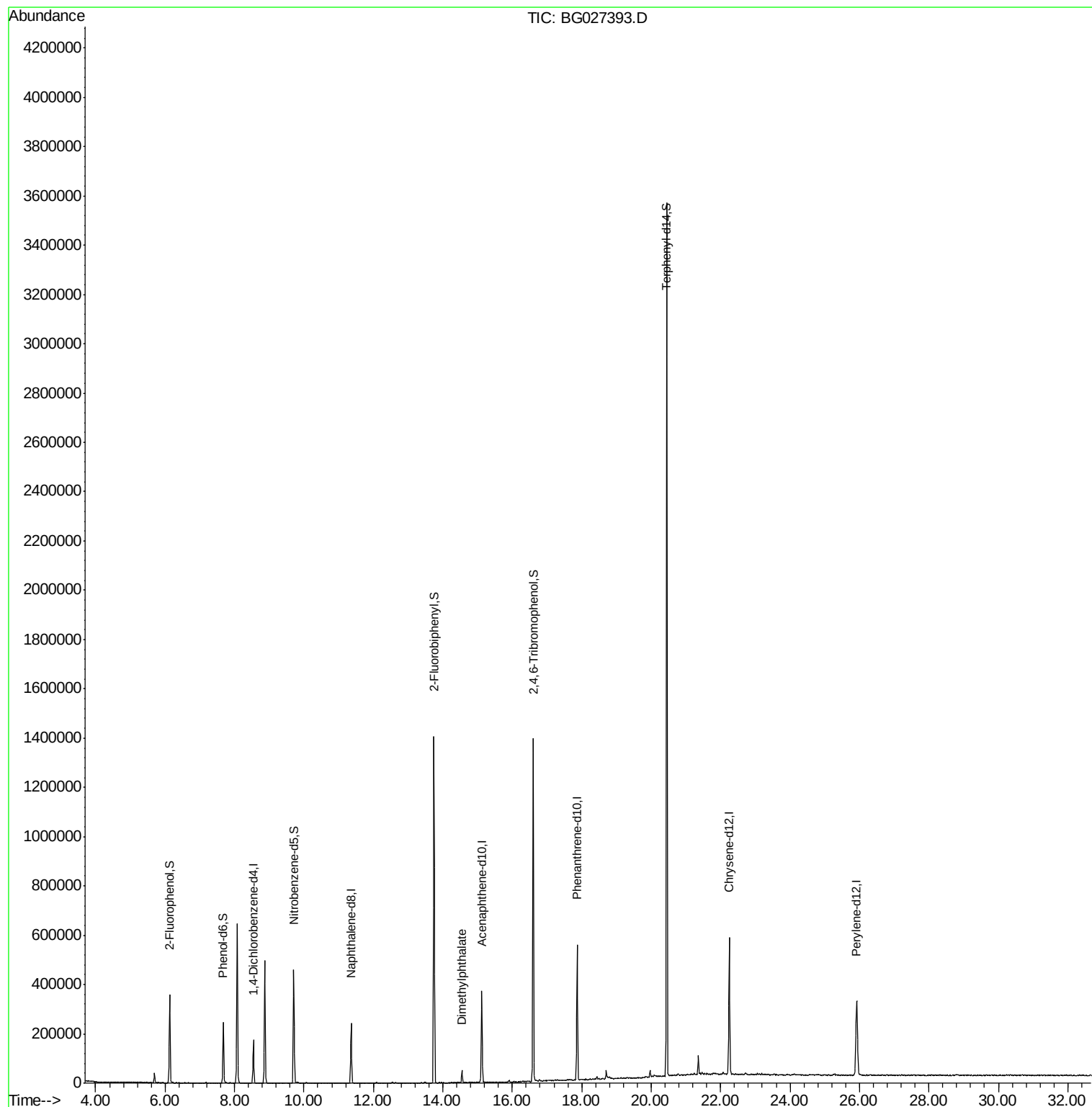
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.54	152	48449	20.00	ng	-0.04
21) Naphthalene-d8	11.36	136	216386	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	127306	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	326930	20.00	ng	-0.05
75) Chrysene-d12	22.25	240	388332	20.00	ng	-0.06
86) Perylene-d12	25.92	264	368049	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	166087	52.31	ng	-0.02
7) Phenol-d6	7.67	99	157534	33.80	ng	-0.03
23) Nitrobenzene-d5	9.71	82	303735	88.28	ng	-0.04
41) 2,4,6-Tribromophenol	16.60	330	280875	167.55	ng	-0.04
44) 2-Fluorobiphenyl	13.74	172	742256	81.57	ng	-0.05
78) Terphenyl-d14	20.45	244	1549918	101.82	ng	-0.05
Target Compounds						
49) Dimethylphthalate	14.55	163	33674	3.33	ng	Qvalue # 95

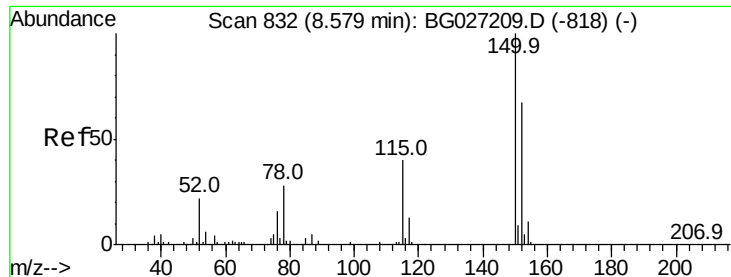
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.54 min Scan# 826

Delta R.T. -0.04 min

Lab File: BG027393.D

Acq: 13 Jun 2017 19:40

Instrument :

BNA_G

ClientSampleId :

PZ-4

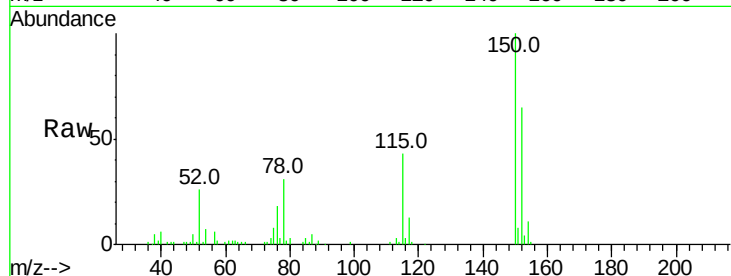
Tot Ion:152 Resp: 48449

Ion Ratio Lower Upper

152 100

150 152.9 114.0 171.0

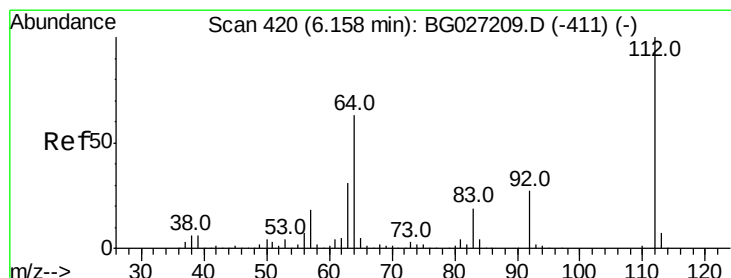
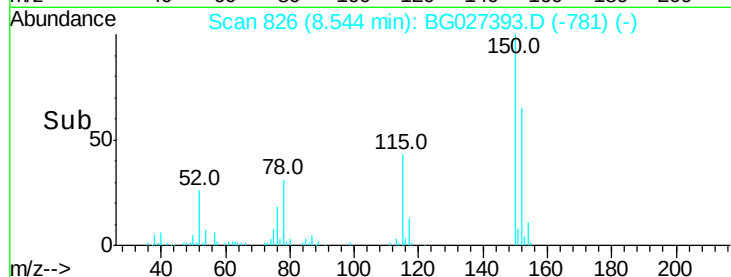
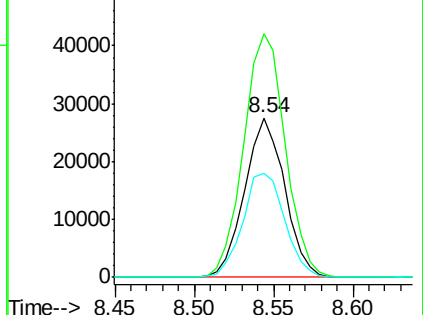
115 65.5 48.1 72.1



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: 52.31 ng

RT: 6.13 min Scan# 416

Delta R.T. -0.02 min

Lab File: BG027393.D

Acq: 13 Jun 2017 19:40

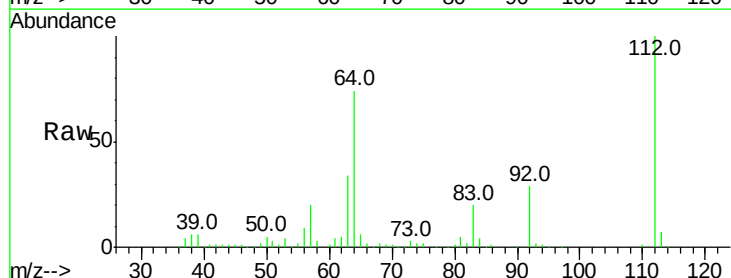
Tgt Ion:112 Resp: 166087

Ion Ratio Lower Upper

112 100

64 73.6 61.8 92.6

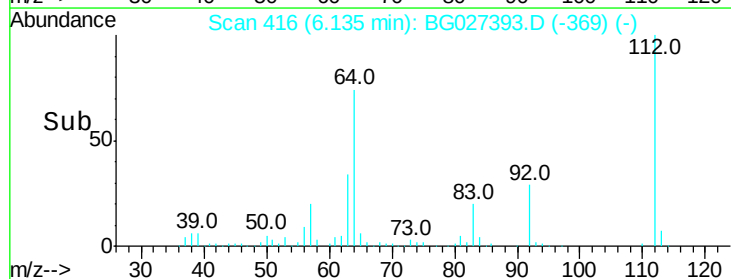
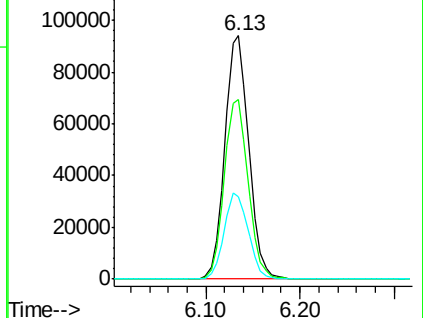
63 33.9 37.2 55.8#

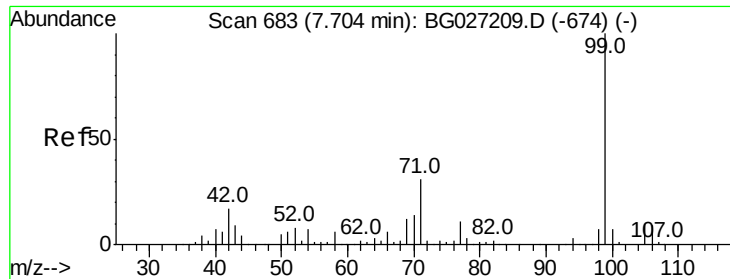


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 33.80 ng

RT: 7.67 min Scan# 678

Delta R.T. -0.03 min

Lab File: BG027393.D

Acq: 13 Jun 2017 19:40

Instrument :

BNA_G

ClientSampleId :

PZ-4

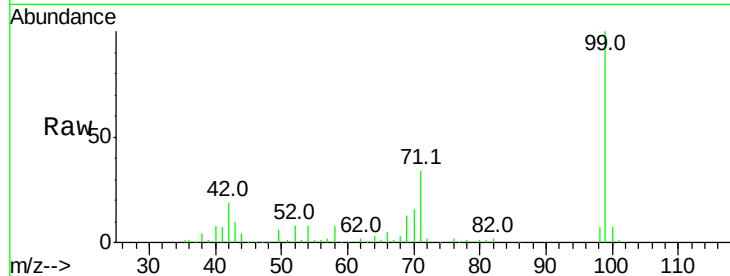
Tot Ion: 99 Resp: 157534

Ion Ratio Lower Upper

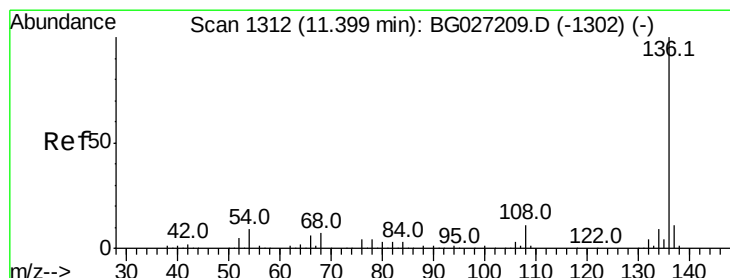
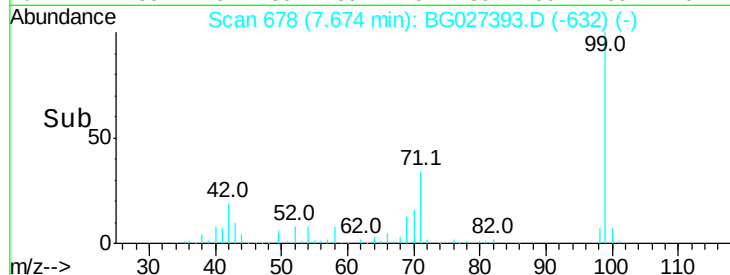
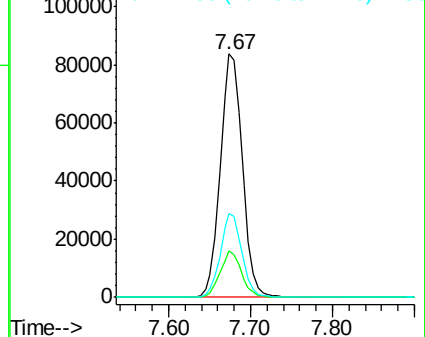
99 100

42 19.3 20.5 30.7#

71 34.4 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: 11.36 min Scan# 1305

Delta R.T. -0.04 min

Lab File: BG027393.D

Acq: 13 Jun 2017 19:40

Tgt Ion: 136 Resp: 216386

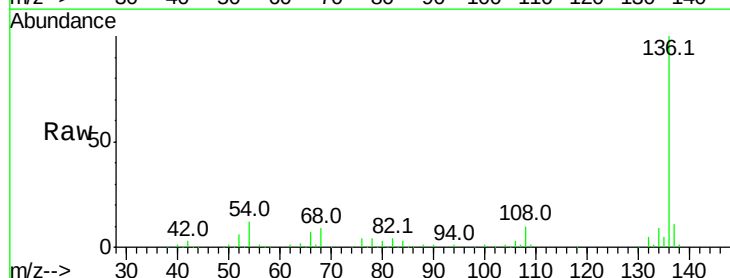
Ion Ratio Lower Upper

136 100

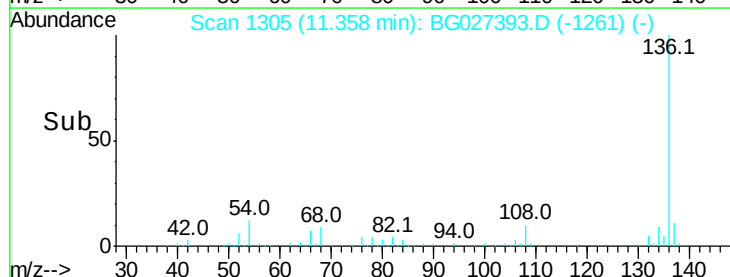
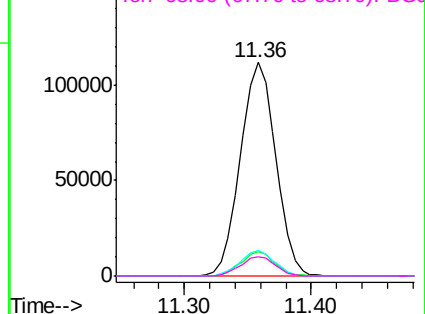
137 11.1 8.9 13.3

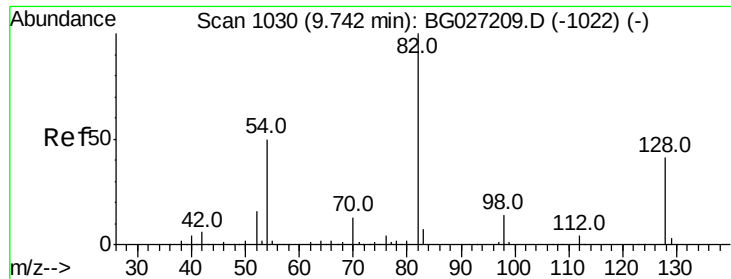
54 11.8 9.3 13.9

68 9.0 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

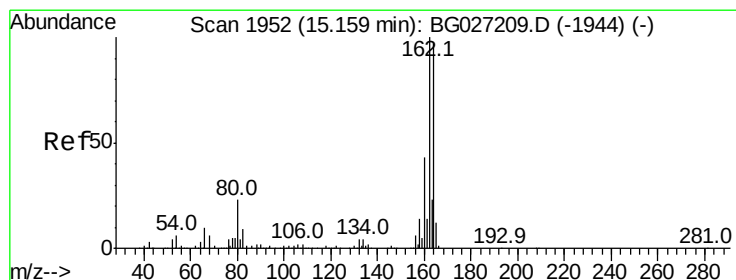
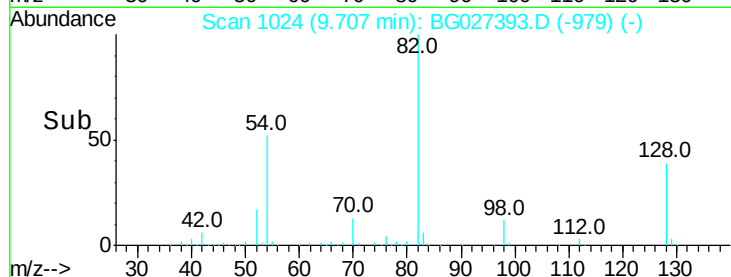
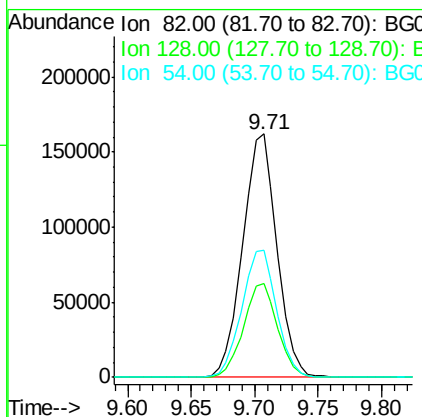
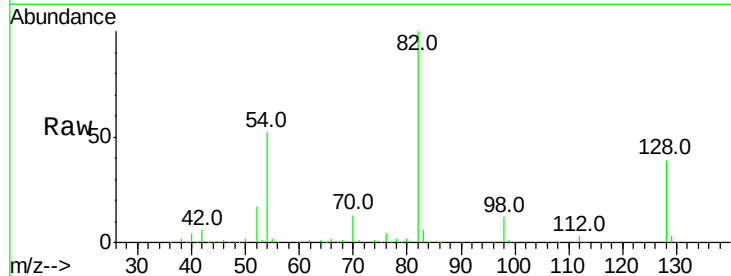




#23
 Nitrobenzene-d5
 Concen: 88.28 ng
 RT: 9.71 min Scan# 1024
 Delta R.T. -0.04 min
 Lab File: BG027393.D
 Acq: 13 Jun 2017 19:40

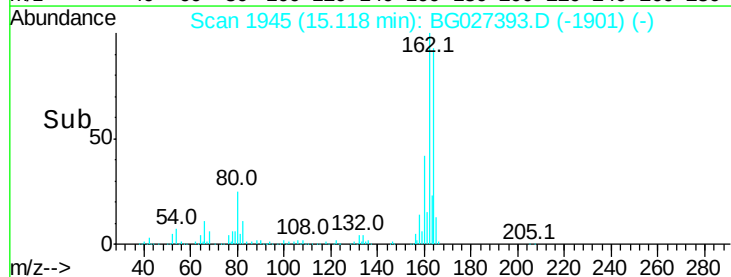
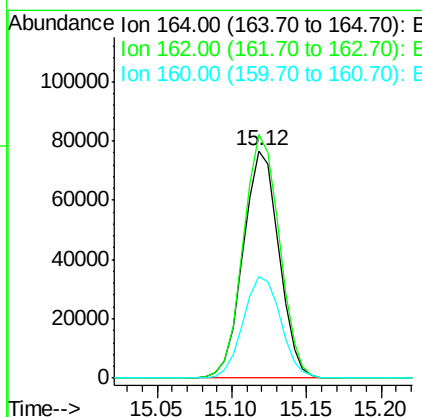
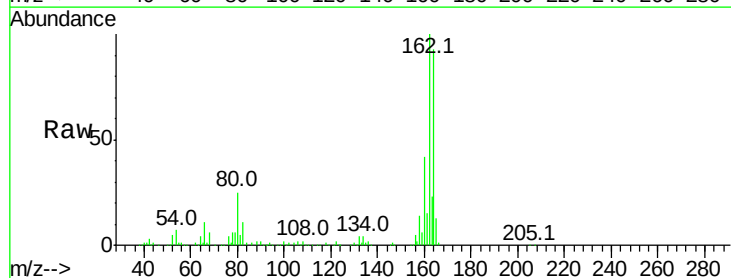
Instrument :
 BNA_G
 ClientSampled :
 PZ-4

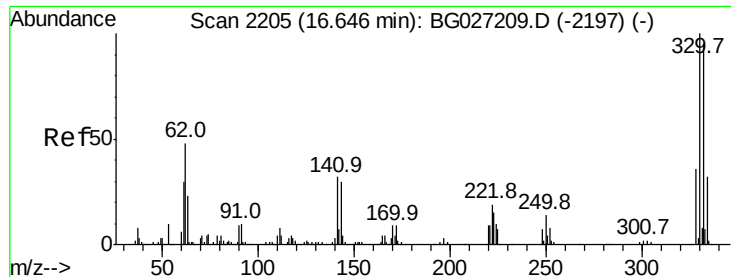
Tot Ion	82	Resp	303735
Ion	Ratio	Lower	Upper
82	100		
128	38.6	26.4	39.6
54	52.4	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: BG027393.D
 Acq: 13 Jun 2017 19:40

Tgt Ion	164	Resp	127306
Ion	Ratio	Lower	Upper
164	100		
162	107.1	85.1	127.7
160	44.9	34.7	52.1

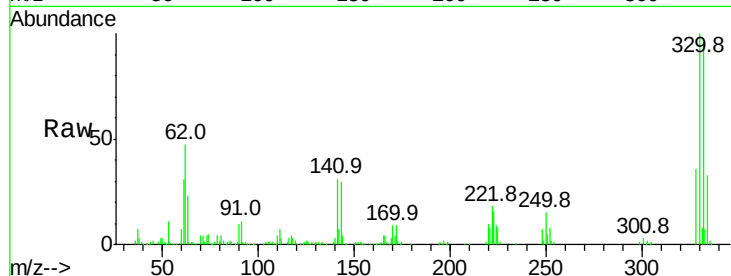




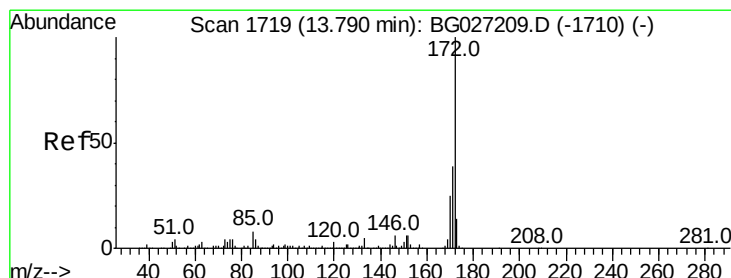
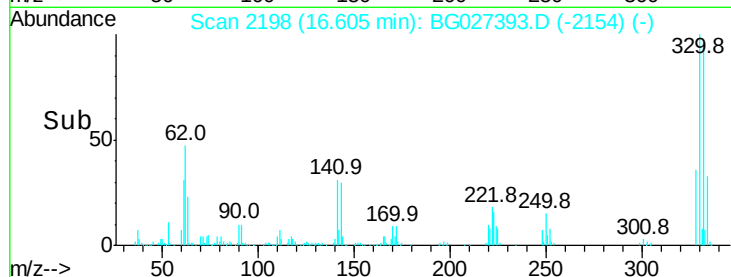
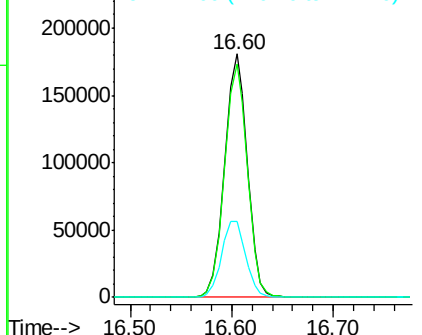
#41
 2,4,6-Tribromophenol
 Concen: 167.55 ng
 RT: 16.60 min Scan# 2198
 Delta R.T. -0.04 min
 Lab File: BG027393.D
 Acq: 13 Jun 2017 19:40

Instrument :
 BNA_G
 ClientSampled :
 PZ-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	33.4	32.1	48.1

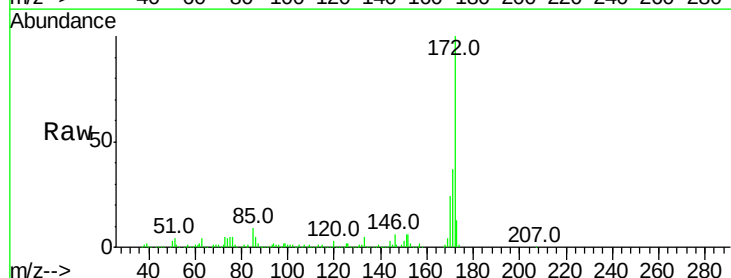


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

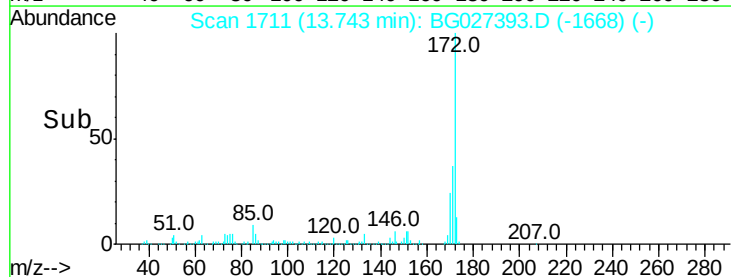
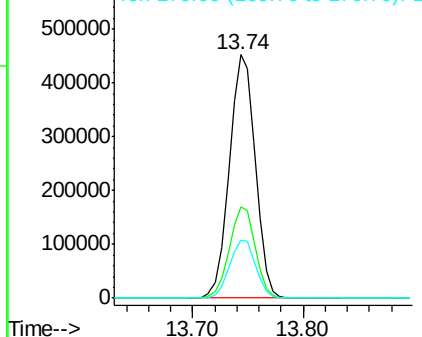


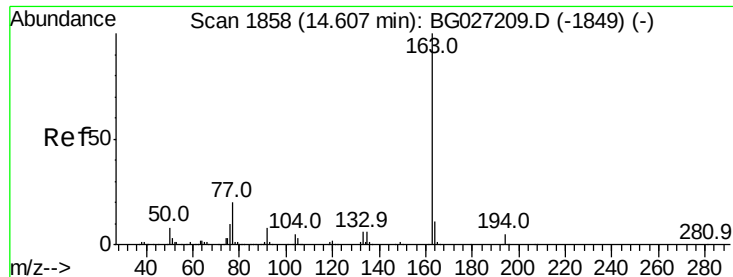
#44
 2-Fluorobiphenyl
 Concen: 81.57 ng
 RT: 13.74 min Scan# 1711
 Delta R.T. -0.05 min
 Lab File: BG027393.D
 Acq: 13 Jun 2017 19:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	32.2	48.2
170	24.0	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: 3.33 ng

RT: 14.55 min Scan# 1849

Delta R.T. -0.05 min

Lab File: BG027393.D

Acq: 13 Jun 2017 19:40

Instrument :

BNA_G

ClientSampleId :

PZ-4

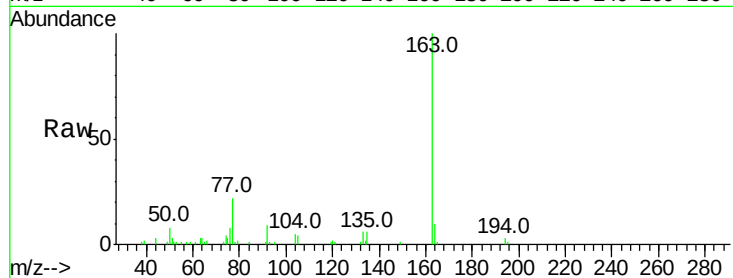
Tot Ion:163 Resp: 33674

Ion Ratio Lower Upper

163 100

194 2.8 3.8 5.6#

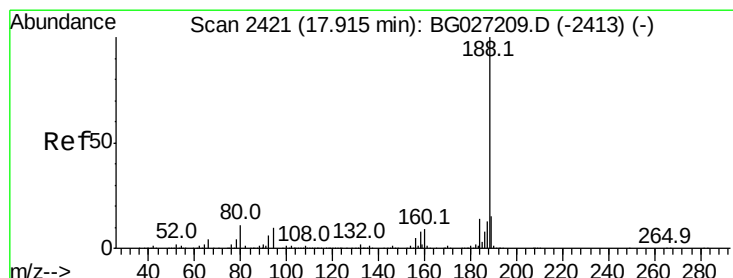
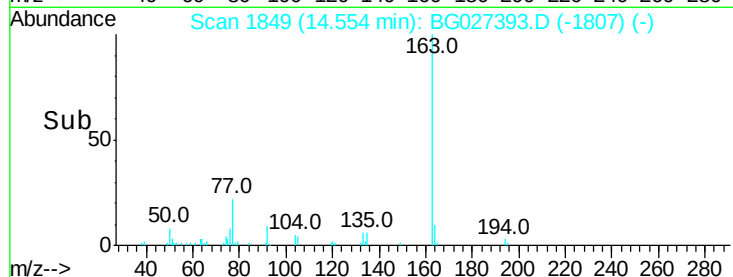
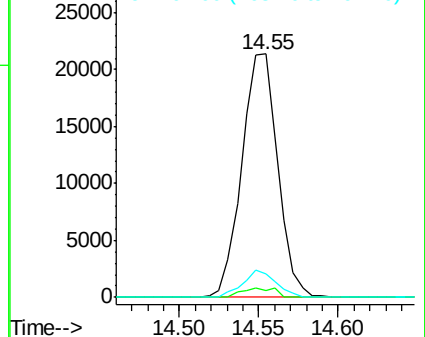
164 9.6 9.3 13.9



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: 17.87 min Scan# 2413

Delta R.T. -0.05 min

Lab File: BG027393.D

Acq: 13 Jun 2017 19:40

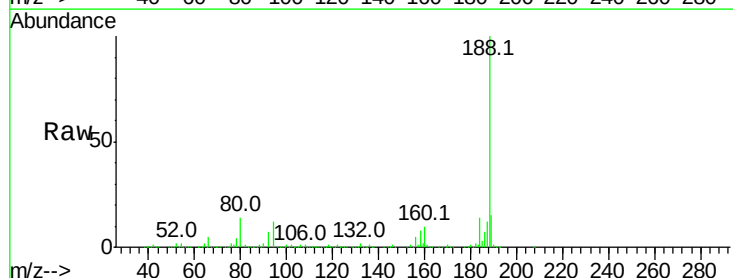
Tgt Ion:188 Resp: 326930

Ion Ratio Lower Upper

188 100

94 12.4 5.8 8.8#

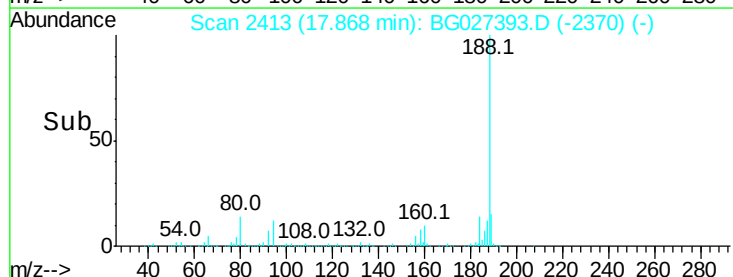
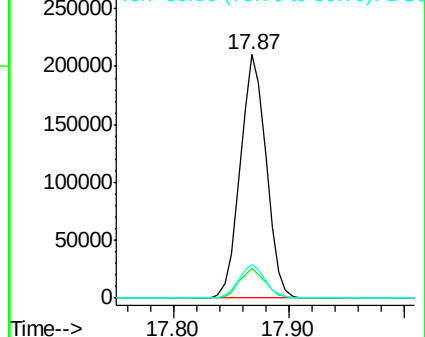
80 14.1 7.5 11.3#

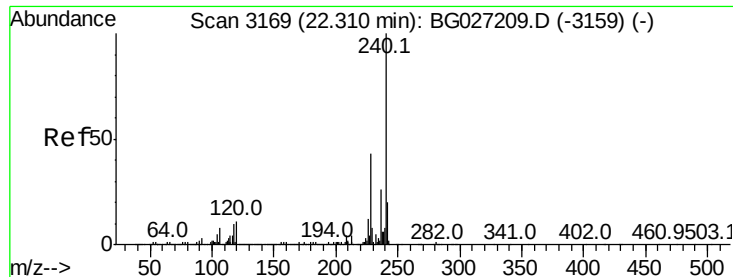


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.25 min Scan# 3159

Delta R.T. -0.06 min

Lab File: BG027393.D

Acq: 13 Jun 2017 19:40

Instrument :

BNA_G

ClientSampleId :

PZ-4

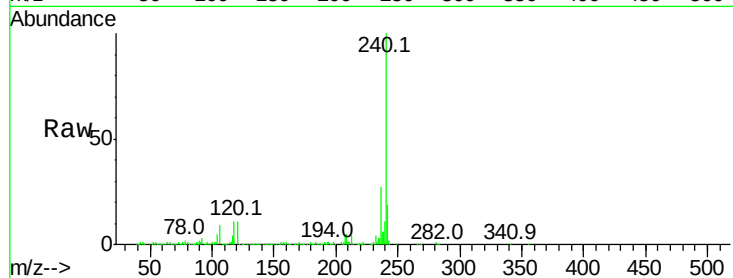
Tot Ion:240 Resp: 388332

Ion Ratio Lower Upper

240 100

120 11.4 5.7 8.5#

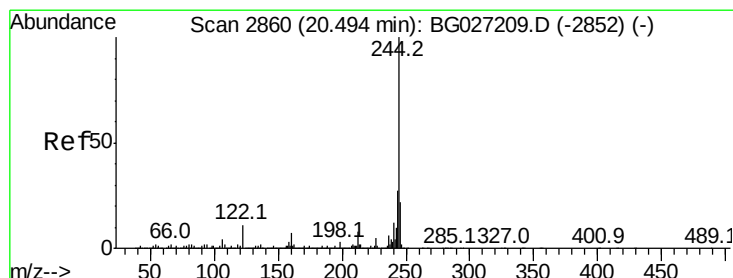
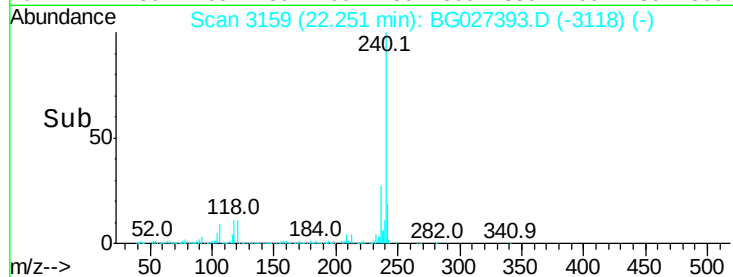
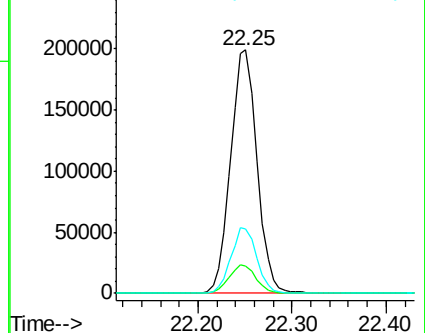
236 26.7 22.2 33.4



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: 101.82 ng

RT: 20.45 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027393.D

Acq: 13 Jun 2017 19:40

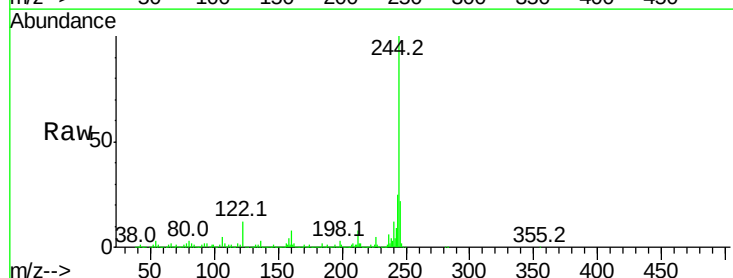
Tgt Ion:244 Resp: 1549918

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

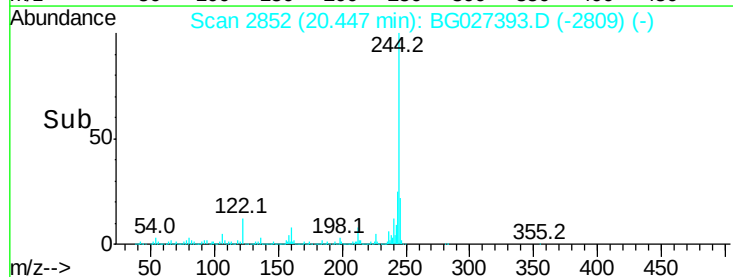
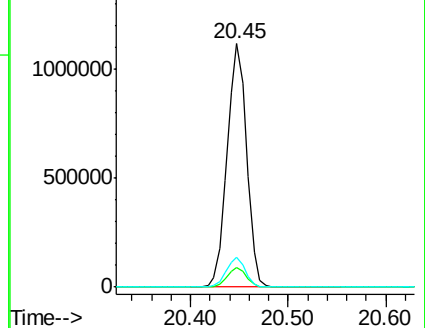
122 12.1 8.6 12.8

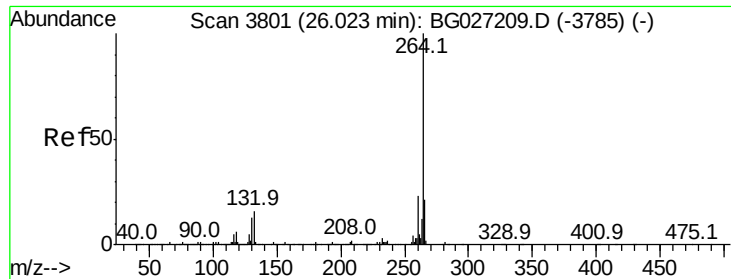


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

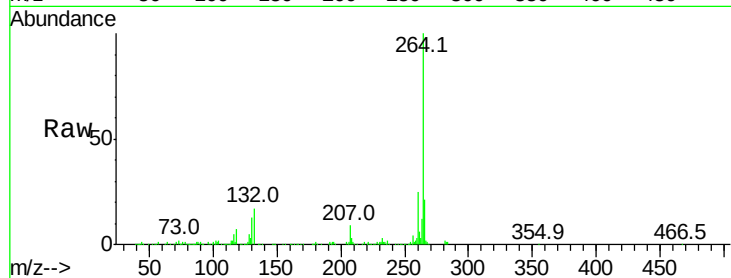




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.92 min Scan# 3784
Delta R.T. -0.10 min
Lab File: BG027393.D
Acq: 13 Jun 2017 19:40

Instrument :
BNA_G
ClientSampleId :
PZ-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	21.8	32.8
265	21.5	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

