

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
 Data File : BG027294.D
 Acq On : 7 Jun 2017 21:55
 Operator : SJ/MA
 Sample : I3473-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R1-MW-5

Quant Time: Jun 08 06:58:10 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

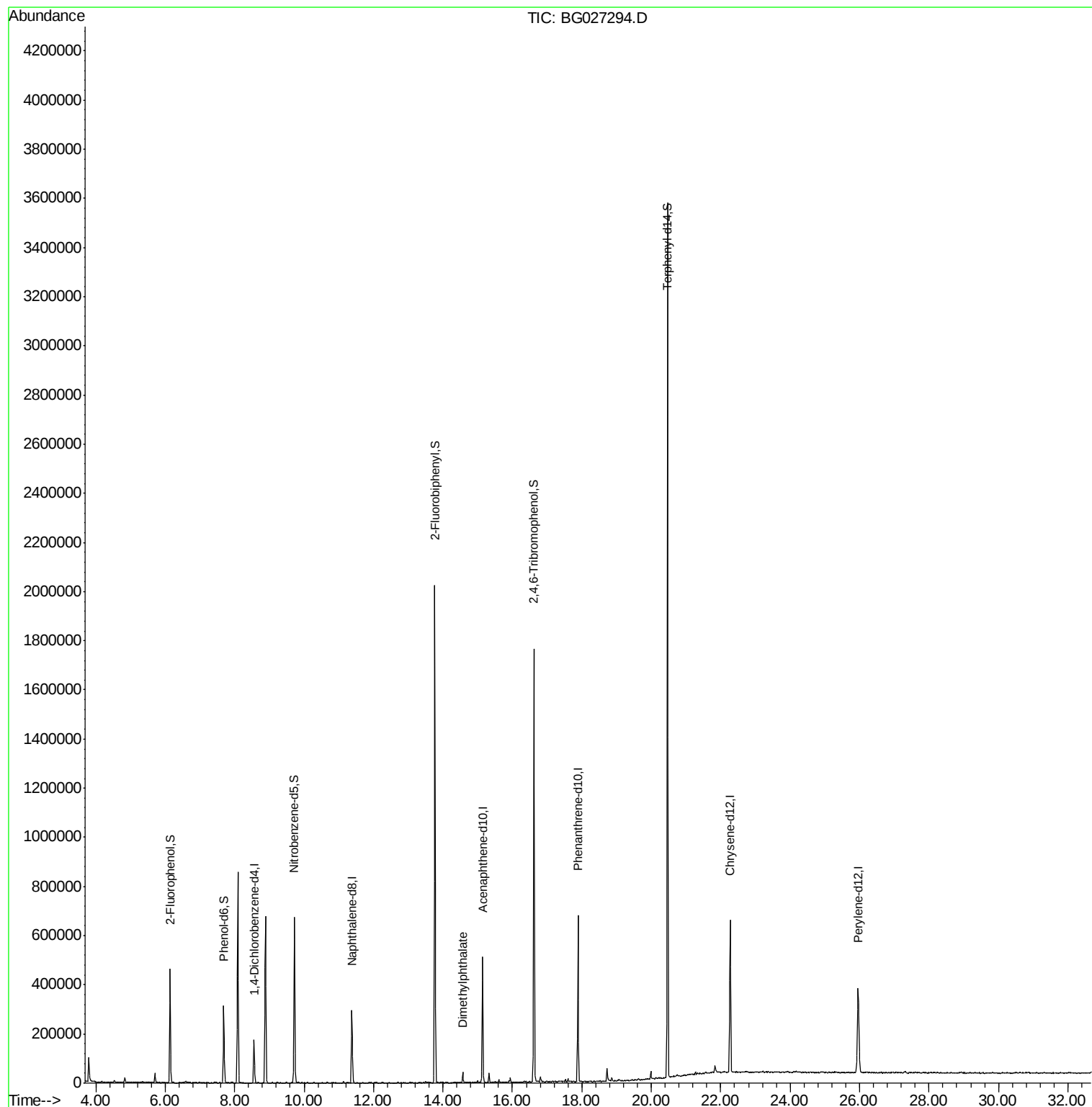
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	51657	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	259454	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	177671	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	411443	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	432834	20.00	ng	-0.04
86) Perylene-d12	25.96	264	411902	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	221177	65.34	ng	-0.01
7) Phenol-d6	7.69	99	201510	40.55	ng	-0.02
23) Nitrobenzene-d5	9.72	82	440508	106.78	ng	-0.02
41) 2,4,6-Tribromophenol	16.63	330	369668	158.00	ng	-0.02
44) 2-Fluorobiphenyl	13.77	172	1107501	87.20	ng	-0.02
78) Terphenyl-d14	20.47	244	1611306	94.97	ng	-0.03
Target Compounds						
49) Dimethylphthalate	14.57	163	29564	2.10	ng	Qvalue # 93

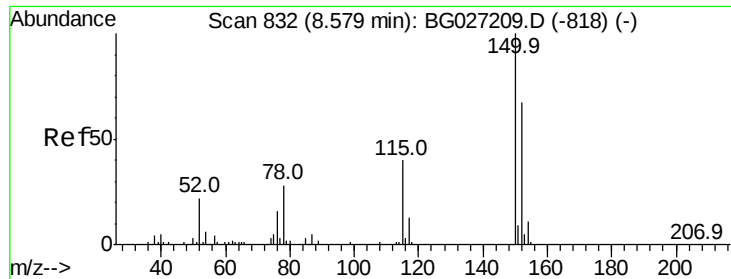
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.56 min Scan# 829

Delta R.T. -0.02 min

Lab File: BG027294.D

Acq: 7 Jun 2017 21:55

Instrument :

BNA_G

ClientSampleId :

R1-MW-5

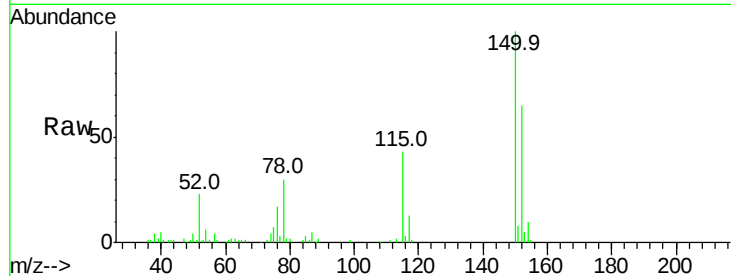
Tot Ion:152 Resp: 51657

Ion Ratio Lower Upper

152 100

150 153.8 114.0 171.0

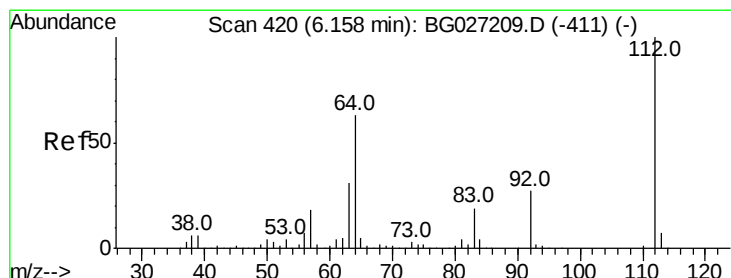
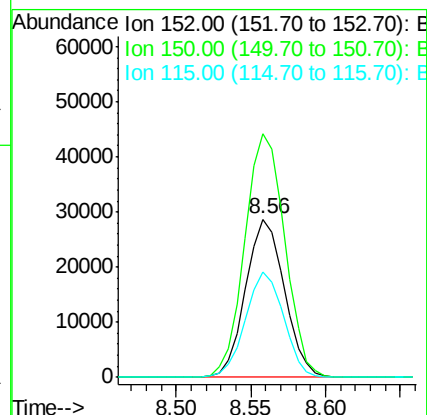
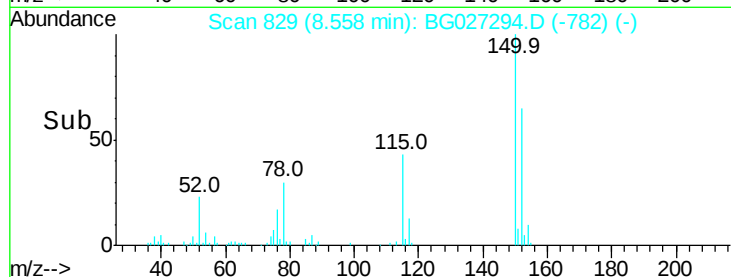
115 66.3 48.1 72.1



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: 65.34 ng

RT: 6.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG027294.D

Acq: 7 Jun 2017 21:55

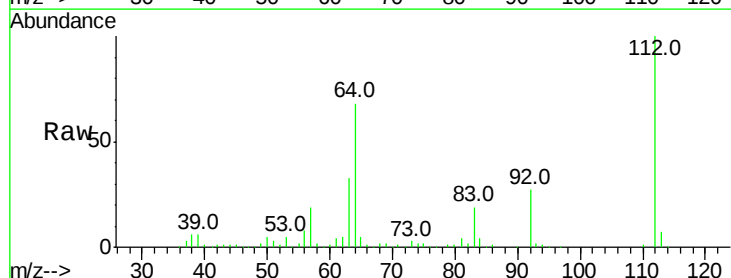
Tgt Ion:112 Resp: 221177

Ion Ratio Lower Upper

112 100

64 67.9 61.8 92.6

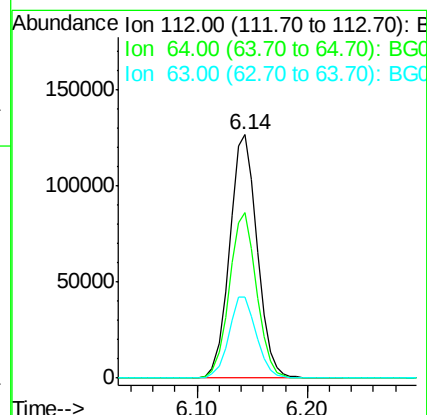
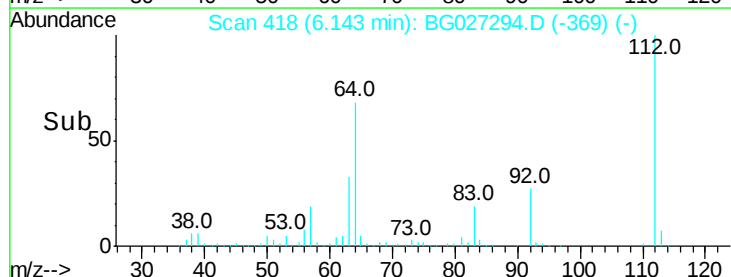
63 33.3 37.2 55.8#



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: 40.55 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.02 min

Lab File: BG027294.D

Acq: 7 Jun 2017 21:55

Instrument :

BNA_G

ClientSampleId :

R1-MW-5

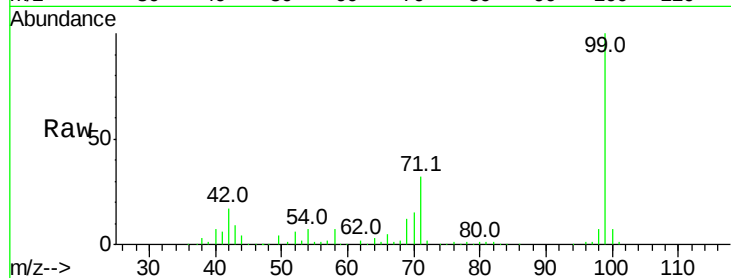
Tot Ion: 99 Resp: 201510

Ion Ratio Lower Upper

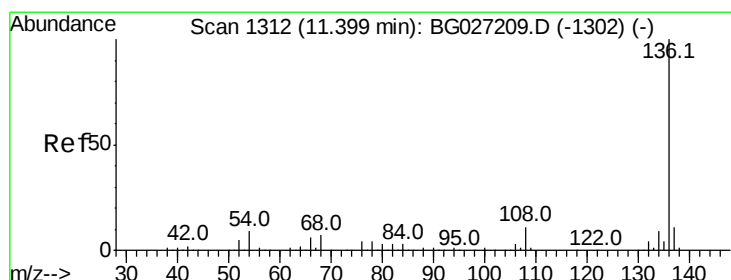
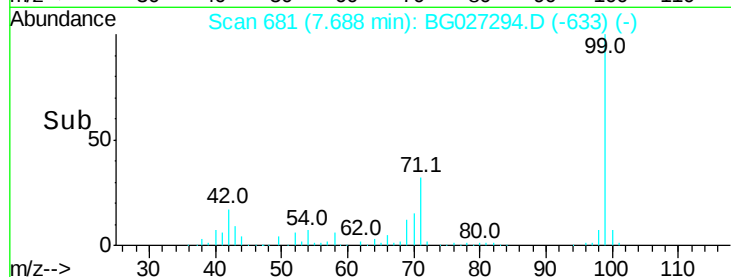
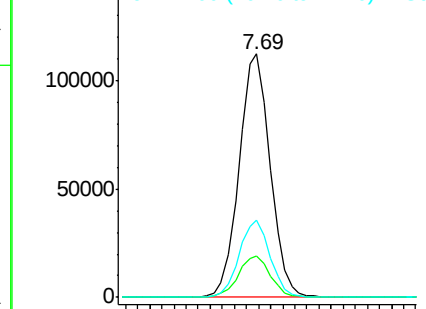
99 100

42 17.1 20.5 30.7#

71 31.6 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: 11.38 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BG027294.D

Acq: 7 Jun 2017 21:55

Tgt Ion: 136 Resp: 259454

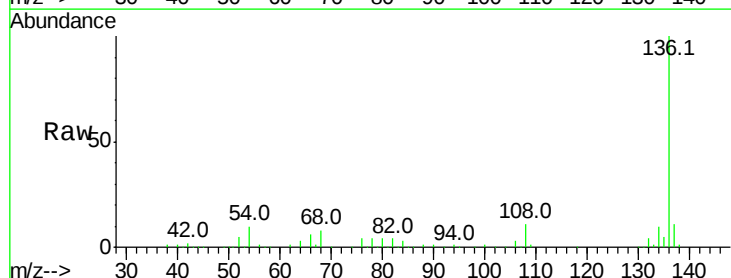
Ion Ratio Lower Upper

136 100

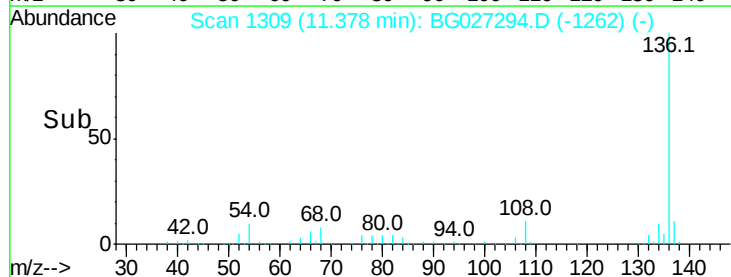
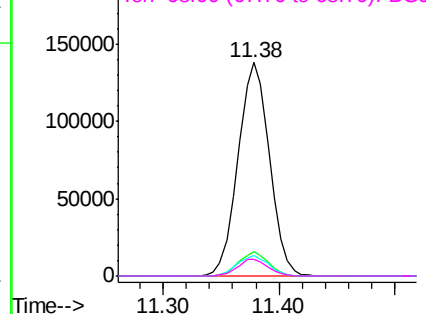
137 11.2 8.9 13.3

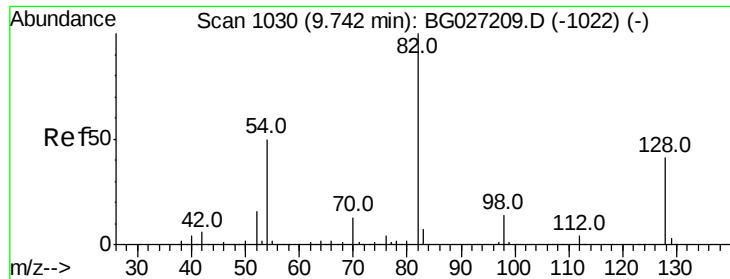
54 9.8 9.3 13.9

68 7.8 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

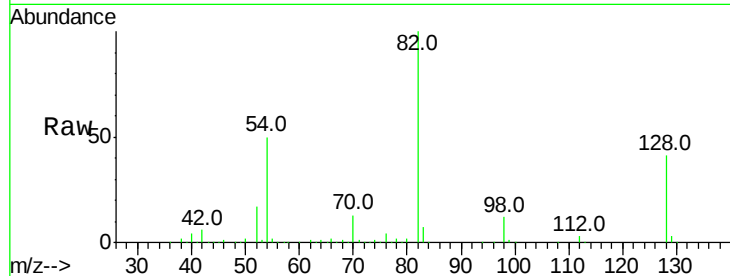




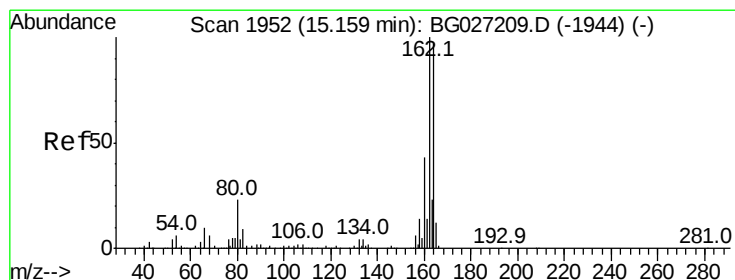
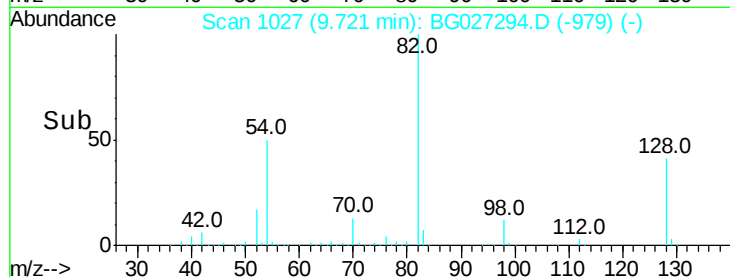
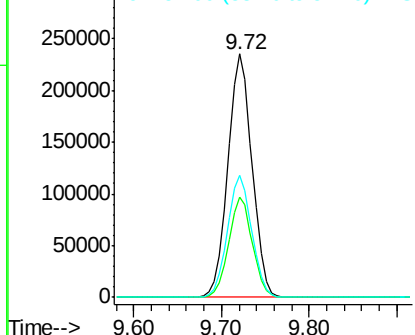
#23
 Nitrobenzene-d5
 Concen: 106.78 ng
 RT: 9.72 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027294.D
 Acq: 7 Jun 2017 21:55

Instrument :
 BNA_G
 ClientSampleId :
 R1-MW-5

Tot Ion	82	Resp	440508
Ion	Ratio	Lower	Upper
82	100		
128	41.1	26.4	39.6
54	50.1	49.4	74.2

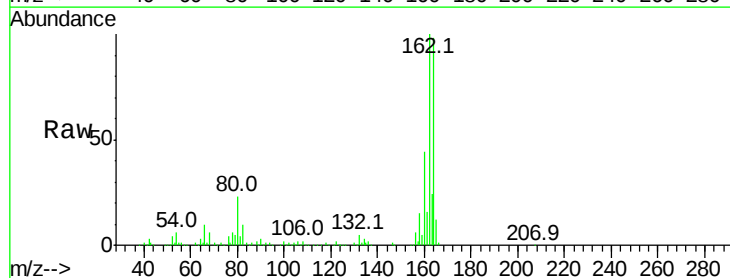


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

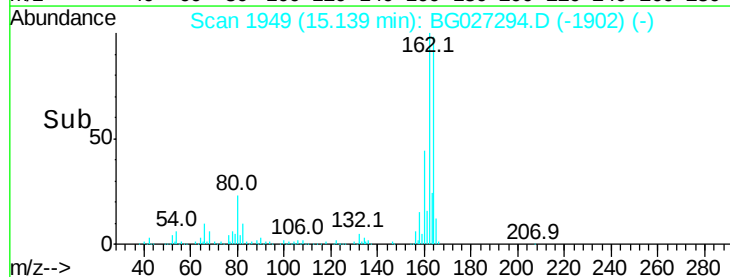
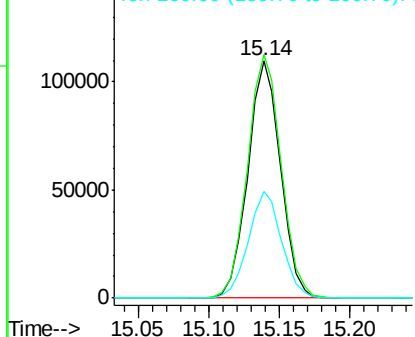


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BG027294.D
 Acq: 7 Jun 2017 21:55

Tgt Ion	164	Resp	177671
Ion	Ratio	Lower	Upper
164	100		
162	102.4	85.1	127.7
160	44.8	34.7	52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 158.00 ng

RT: 16.63 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BG027294.D

Acq: 7 Jun 2017 21:55

Instrument :

BNA_G

ClientSampled :

R1-MW-5

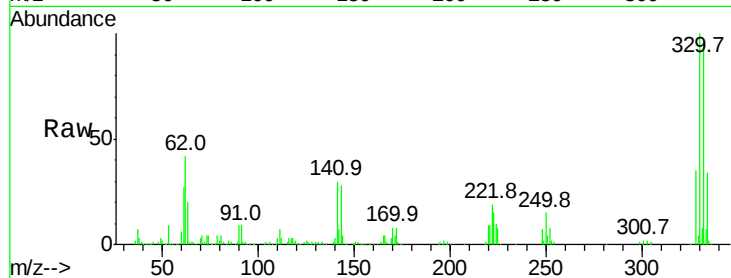
Tot Ion:330 Resp: 369668

Ion Ratio Lower Upper

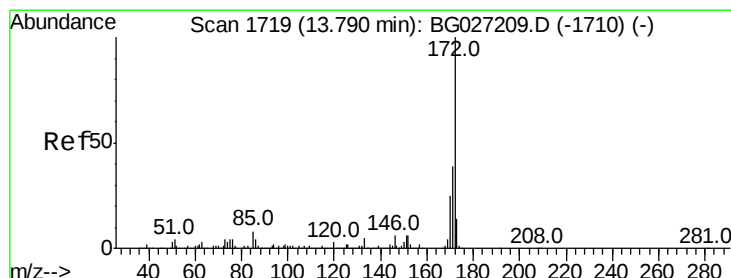
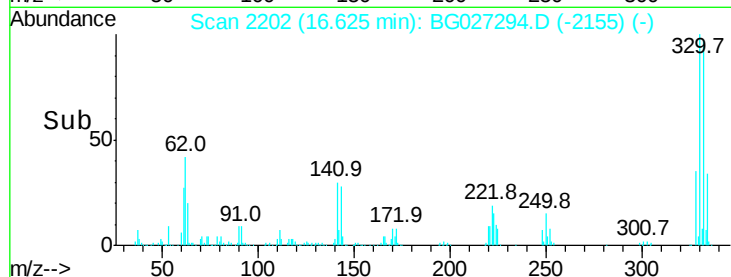
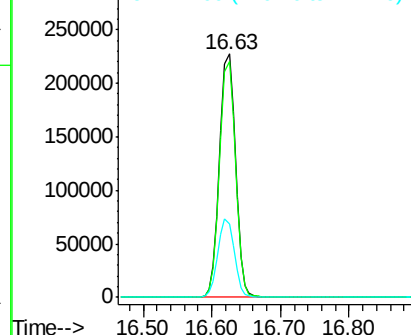
330 100

332 96.3 77.3 115.9

141 33.1 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: 87.20 ng

RT: 13.77 min Scan# 1716

Delta R.T. -0.02 min

Lab File: BG027294.D

Acq: 7 Jun 2017 21:55

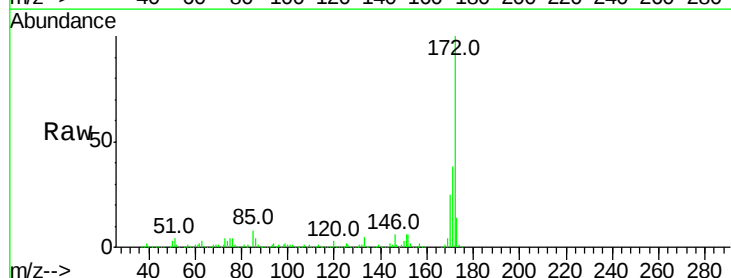
Tgt Ion:172 Resp: 1107501

Ion Ratio Lower Upper

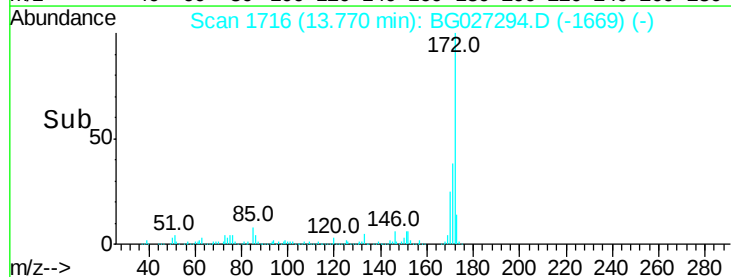
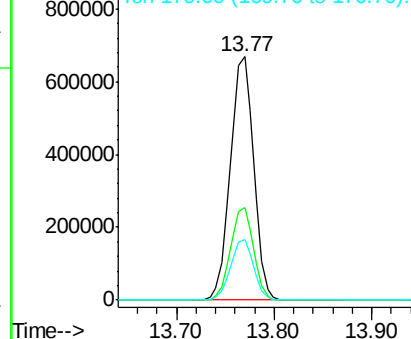
172 100

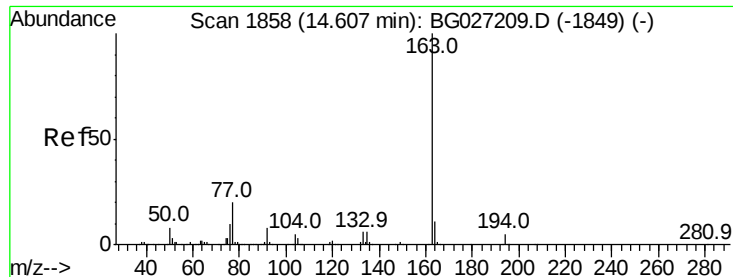
171 37.8 32.2 48.2

170 24.7 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: 2.10 ng

RT: 14.57 min Scan# 1853

Delta R.T. -0.03 min

Lab File: BG027294.D

Acq: 7 Jun 2017 21:55

Instrument :

BNA_G

ClientSampleId :

R1-MW-5

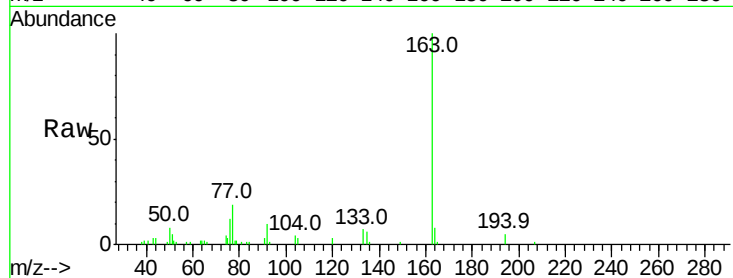
Tot Ion:163 Resp: 29564

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.6

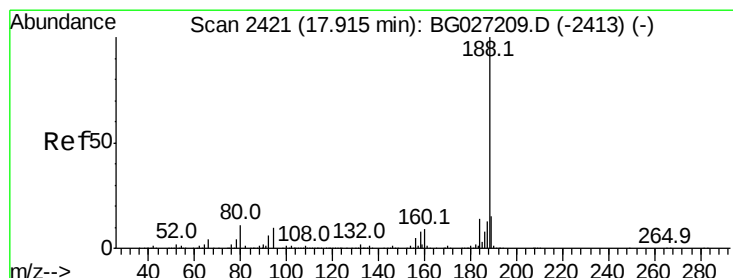
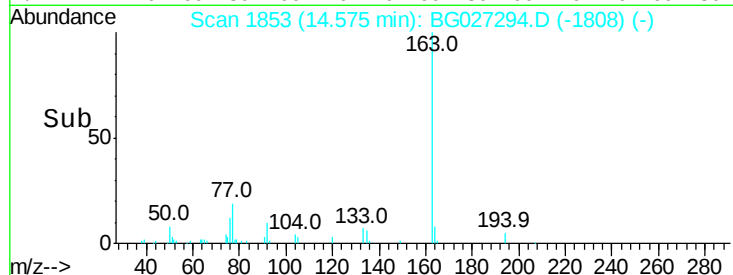
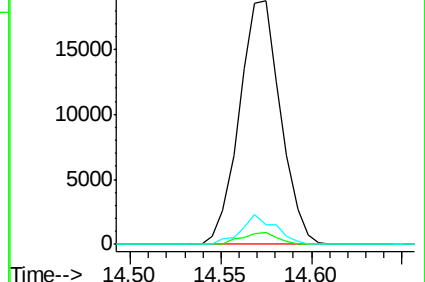
164 8.0 9.3 13.9#



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: 17.89 min Scan# 2417

Delta R.T. -0.03 min

Lab File: BG027294.D

Acq: 7 Jun 2017 21:55

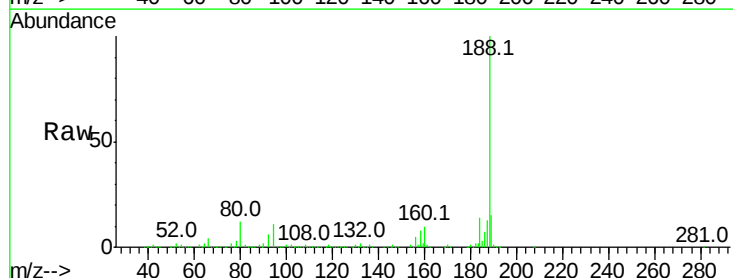
Tgt Ion:188 Resp: 411443

Ion Ratio Lower Upper

188 100

94 10.8 5.8 8.8#

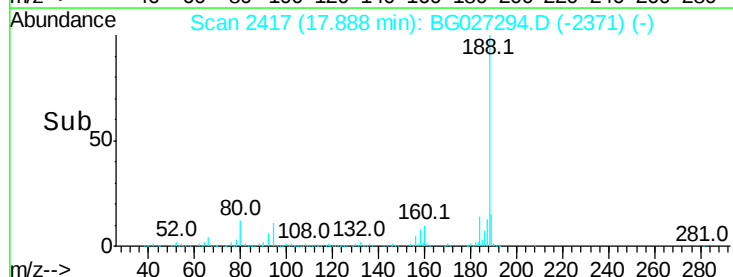
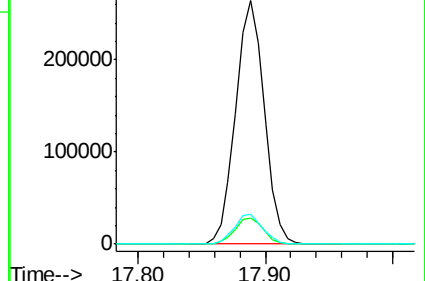
80 12.5 7.5 11.3#

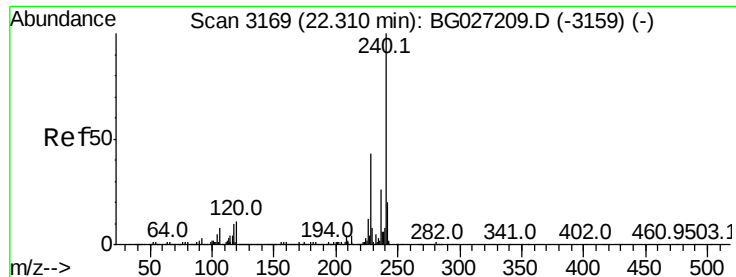


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.27 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG027294.D

Acq: 7 Jun 2017 21:55

Instrument :

BNA_G

ClientSampleId :

R1-MW-5

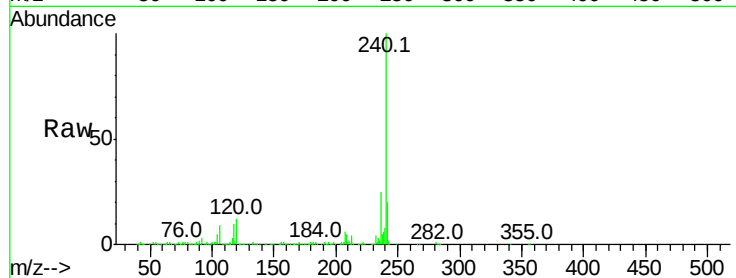
Tot Ion:240 Resp: 432834

Ion Ratio Lower Upper

240 100

120 11.7 5.7 8.5#

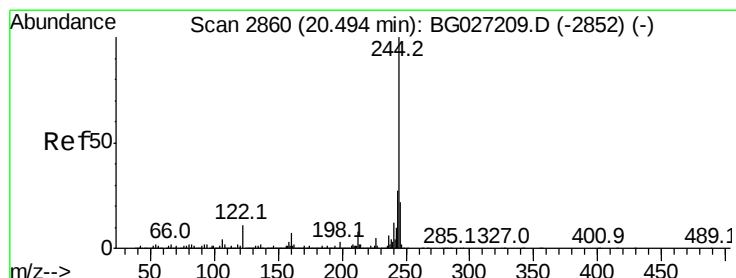
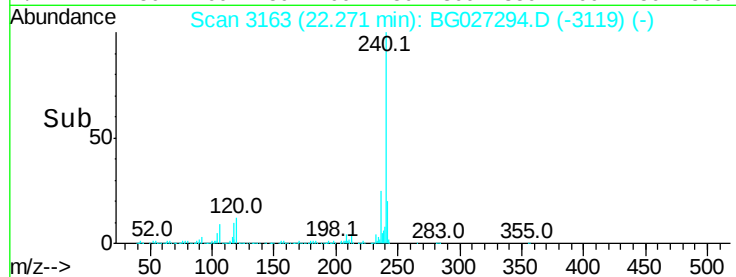
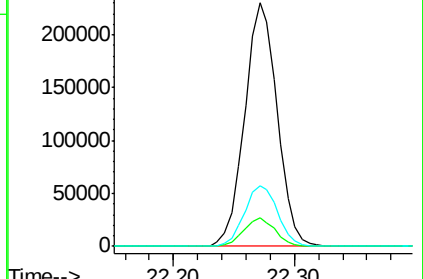
236 24.7 22.2 33.4



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: 94.97 ng

RT: 20.47 min Scan# 2856

Delta R.T. -0.03 min

Lab File: BG027294.D

Acq: 7 Jun 2017 21:55

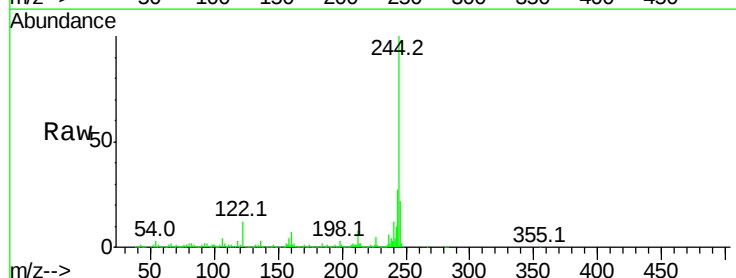
Tgt Ion:244 Resp: 1611306

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

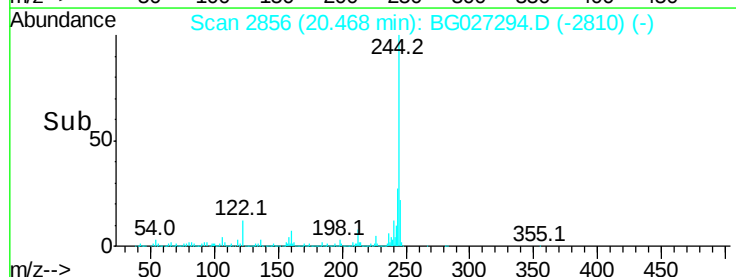
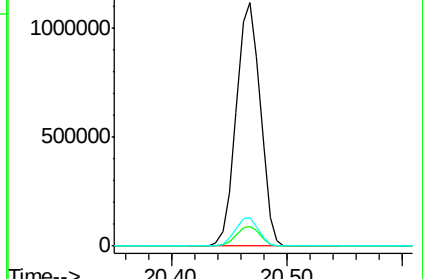
122 11.7 8.6 12.8

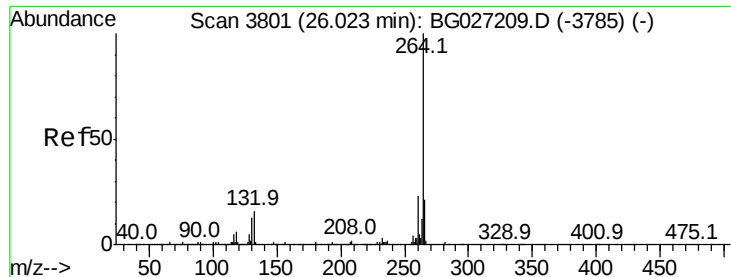


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.96 min Scan# 3790
 Delta R.T. -0.07 min
 Lab File: BG027294.D
 Acq: 7 Jun 2017 21:55

Instrument :
 BNA_G
 ClientSampleId :
 R1-MW-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.8	32.8
265	21.7	18.2	27.4

