

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
 Data File : BG037024.D
 Acq On : 27 Sep 2018 21:11
 Operator : JU/SJ
 Sample : J5097-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Sep 28 04:34:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

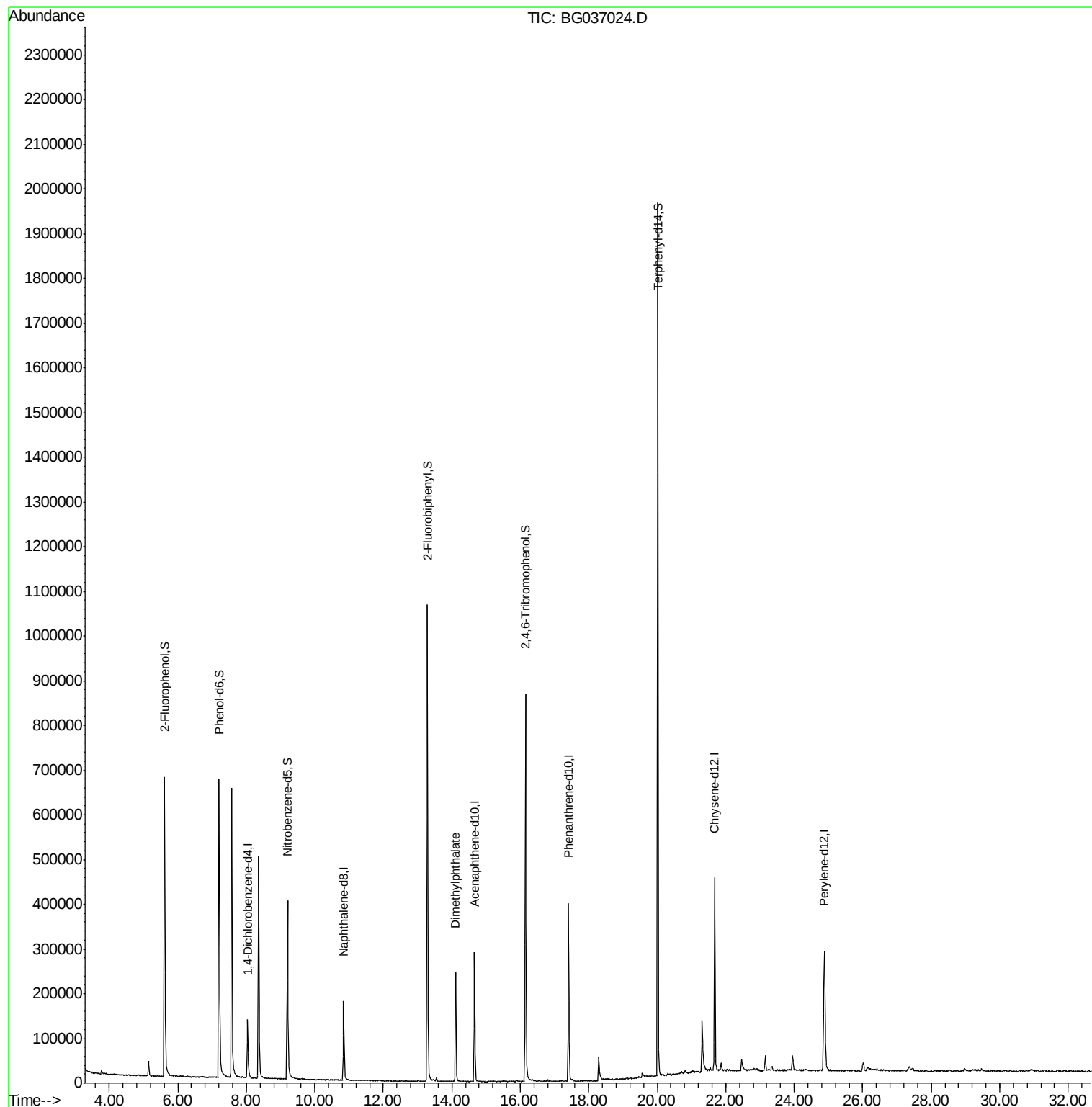
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	43853	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	168083	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	106019	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	274878	20.00	ng	0.00
75) Chrysene-d12	21.68	240	286653	20.00	ng	-0.01
86) Perylene-d12	24.88	264	288788	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	310172	135.64	ng	0.00
7) Phenol-d6	7.20	99	431350	121.92	ng	-0.01
23) Nitrobenzene-d5	9.20	82	291251	92.79	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	173806	137.02	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	594736	83.55	ng	-0.01
78) Terphenyl-d14	20.02	244	976449	89.57	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.11	163	181205	21.234	ng	Qvalue 100

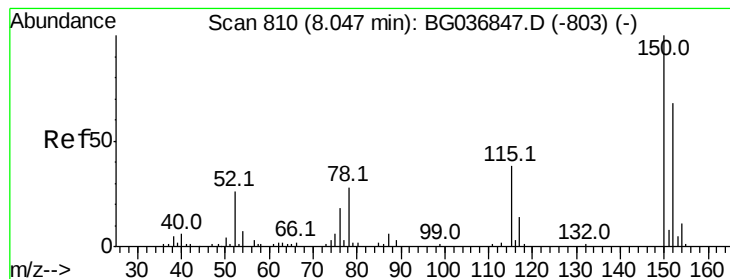
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.01 min

Lab File: BG037024.D

Acq: 27 Sep 2018 21:11

Instrument :

BNA_G

ClientSampleId :

TP-4

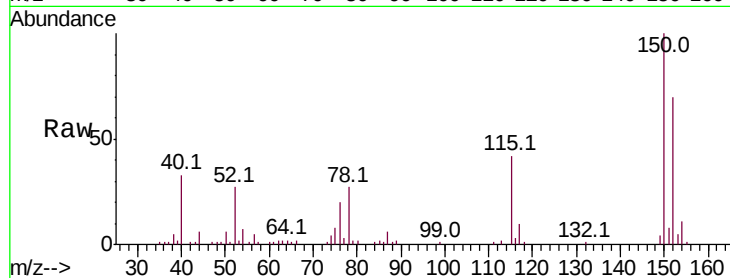
Tot Ion:152 Resp: 43853

Ion Ratio Lower Upper

152 100

150 143.8 119.5 179.3

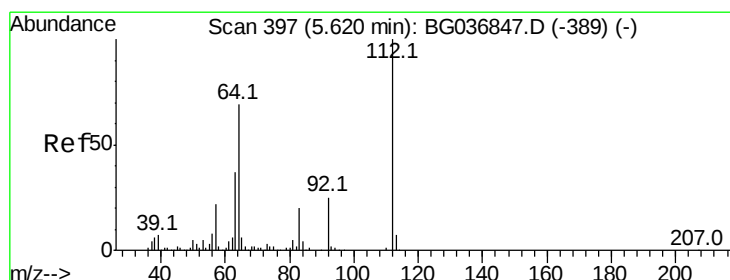
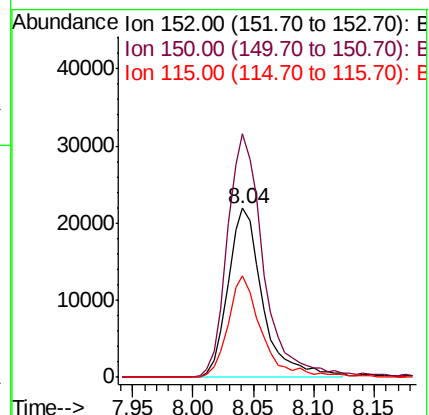
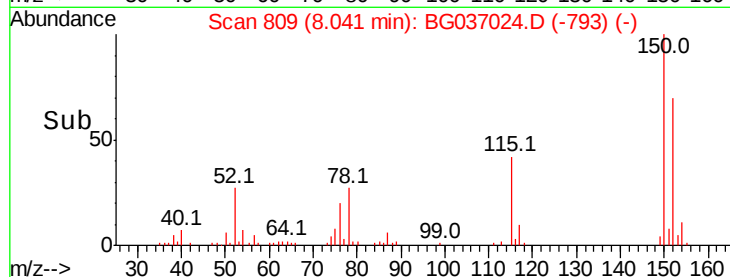
115 60.2 44.5 66.7



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: 135.645 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG037024.D

Acq: 27 Sep 2018 21:11

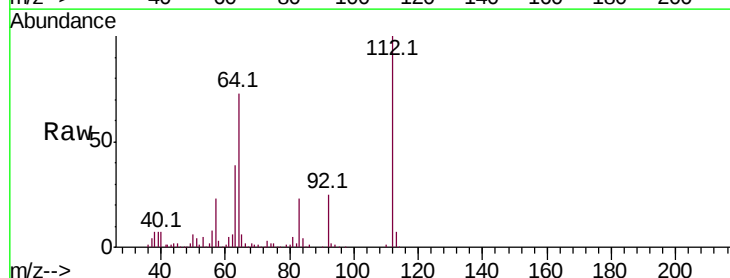
Tgt Ion:112 Resp: 310172

Ion Ratio Lower Upper

112 100

64 72.7 57.2 85.8

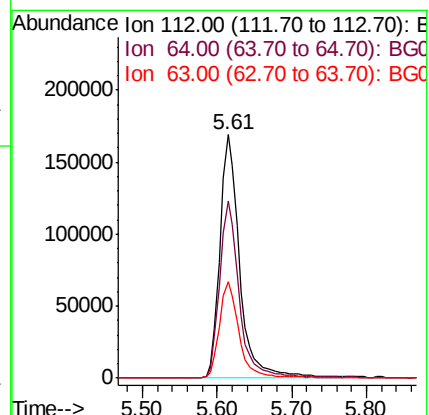
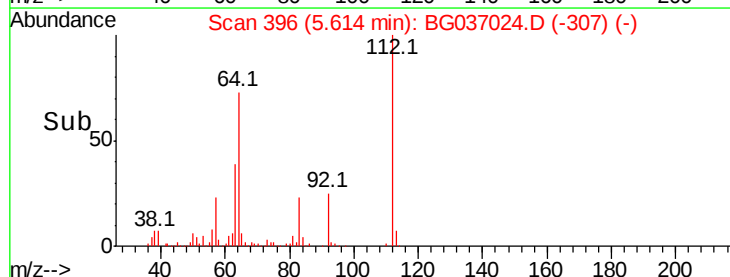
63 39.4 30.8 46.2



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: 121.925 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037024.D

Acq: 27 Sep 2018 21:11

Instrument :

BNA_G

ClientSampleId :

TP-4

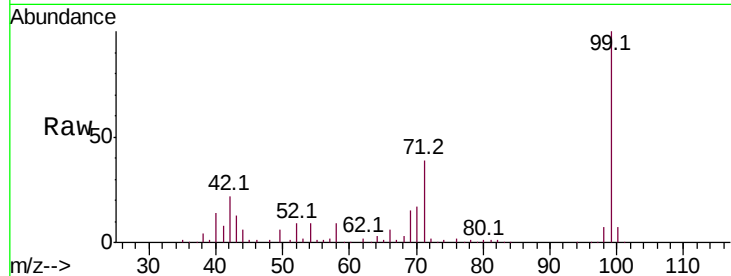
Tot Ion: 99 Resp: 431350

Ion Ratio Lower Upper

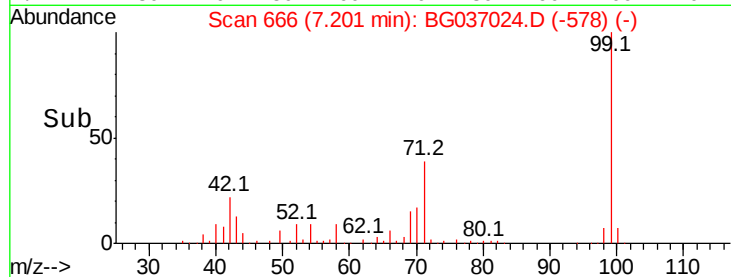
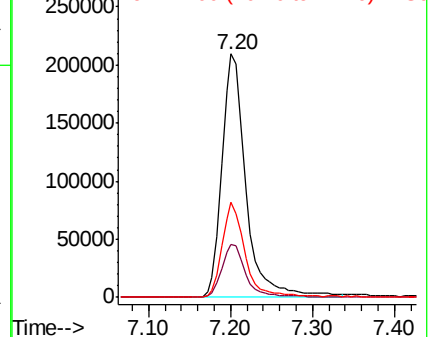
99 100

42 21.8 16.5 24.7

71 39.1 29.4 44.2



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: 20.000 ng

RT: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037024.D

Acq: 27 Sep 2018 21:11

Tgt Ion:136 Resp: 168083

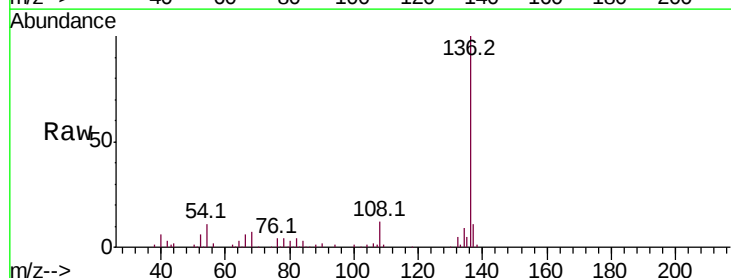
Ion Ratio Lower Upper

136 100

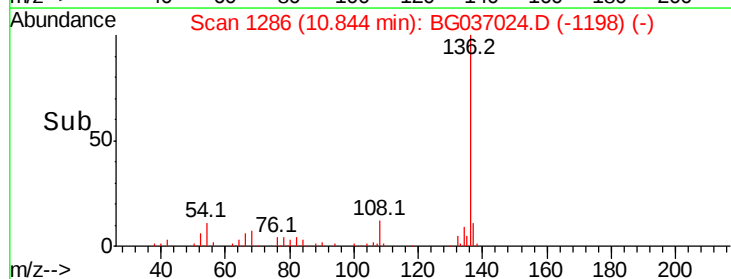
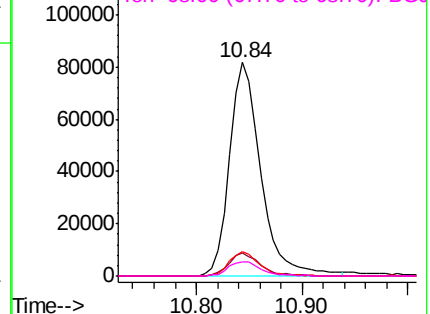
137 10.8 8.8 13.2

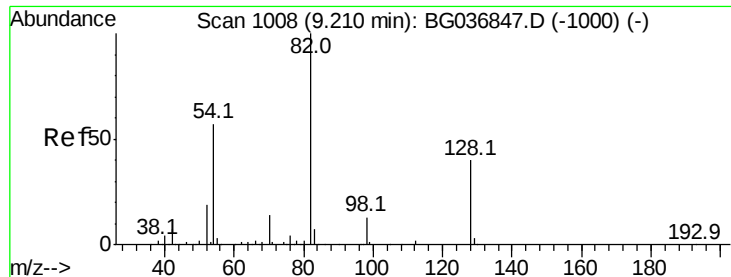
54 11.3 9.2 13.8

68 6.6 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

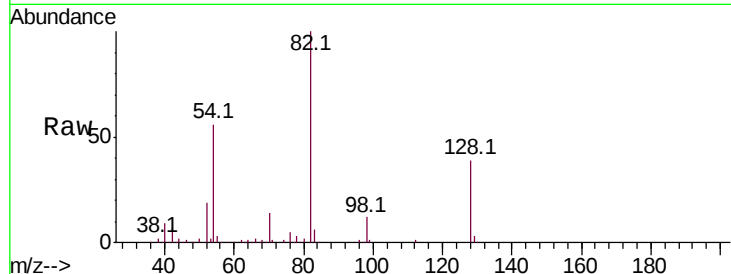




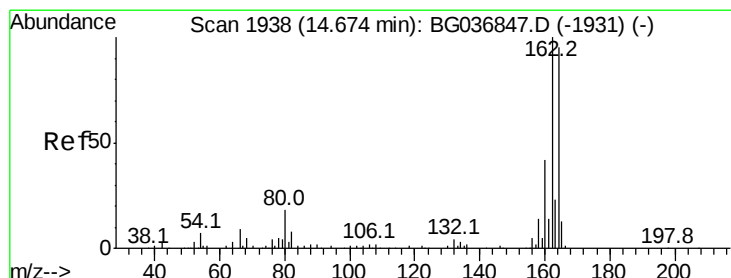
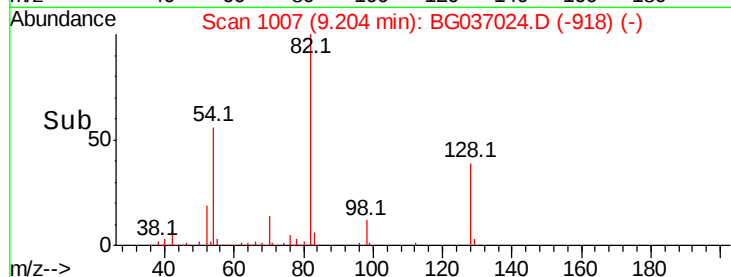
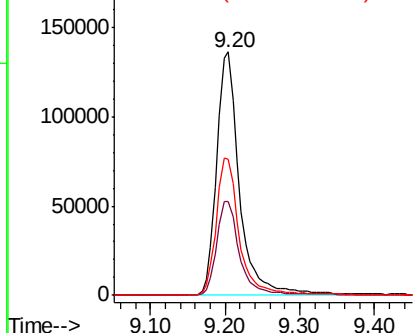
#23
Nitrobenzene-d5
Concen: 92.792 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG037024.D
Acq: 27 Sep 2018 21:11

Instrument :
BNA_G
ClientSampleId :
TP-4

Tot Ion	82	Resp	291251
Ion	Ratio	Lower	Upper
82	100		
128	38.7	33.3	49.9
54	55.7	45.1	67.7

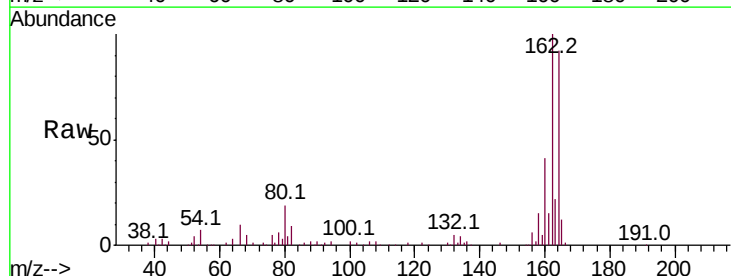


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

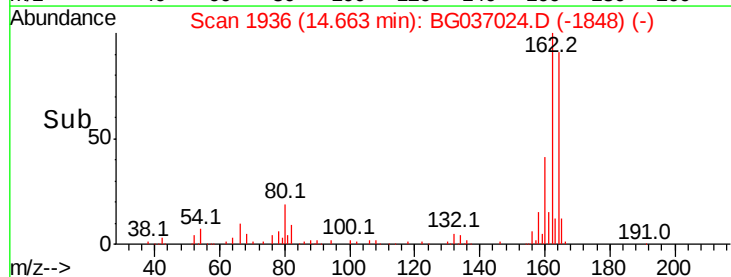
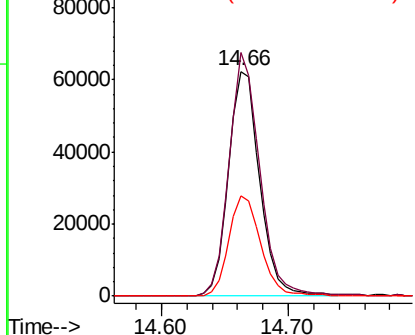


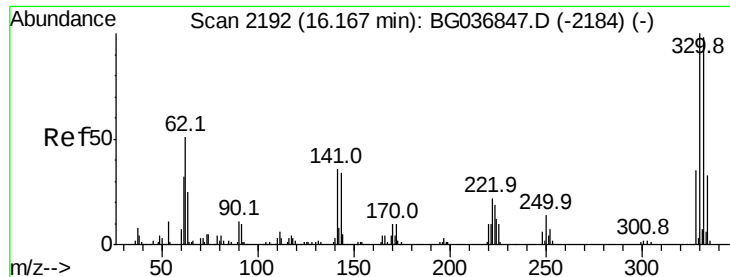
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037024.D
Acq: 27 Sep 2018 21:11

Tgt Ion	164	Resp	106019
Ion	Ratio	Lower	Upper
164	100		
162	108.5	80.7	121.1
160	44.9	35.3	52.9



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: 137.022 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG037024.D

Acq: 27 Sep 2018 21:11

Instrument :

BNA_G

ClientSampled :

TP-4

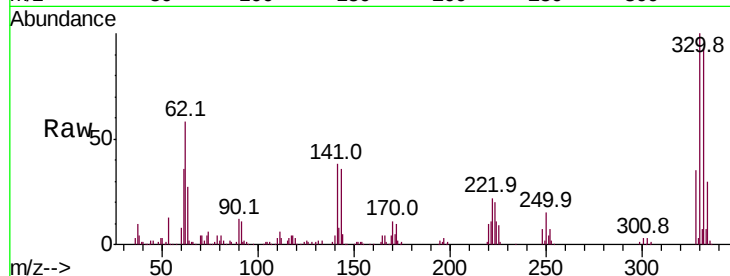
Tot Ion:330 Resp: 173806

Ion Ratio Lower Upper

330 100

332 94.5 75.4 113.2

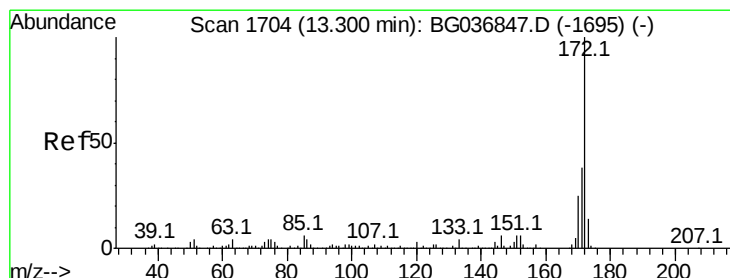
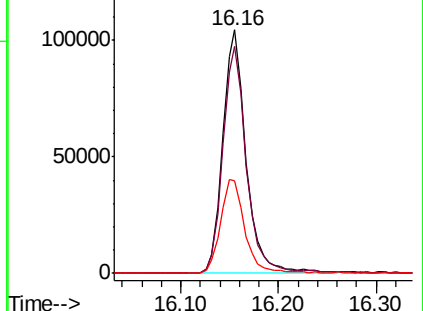
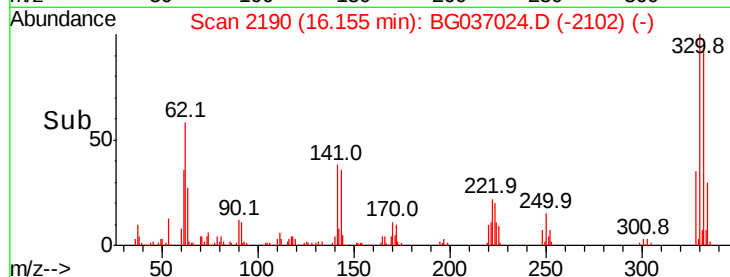
141 39.9 30.7 46.1



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: 83.550 ng

RT: 13.29 min Scan# 1702

Delta R.T. -0.01 min

Lab File: BG037024.D

Acq: 27 Sep 2018 21:11

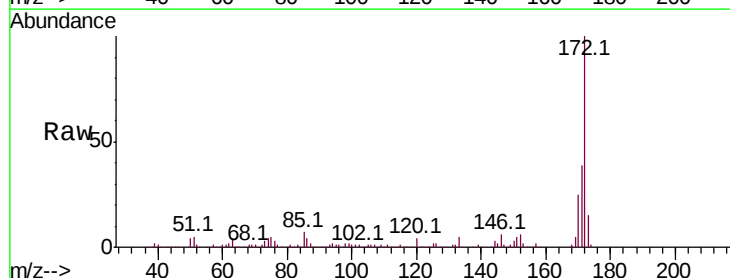
Tgt Ion:172 Resp: 594736

Ion Ratio Lower Upper

172 100

171 38.5 31.3 46.9

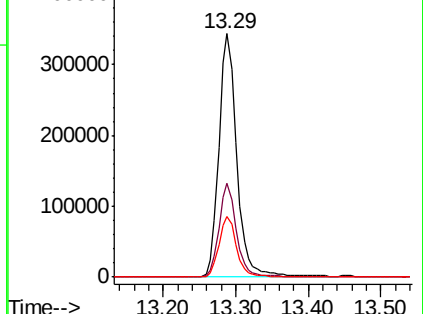
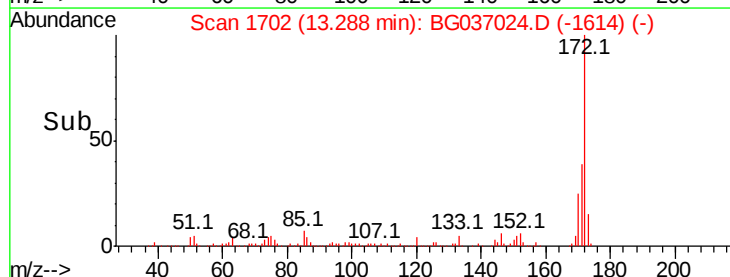
170 25.1 21.0 31.6

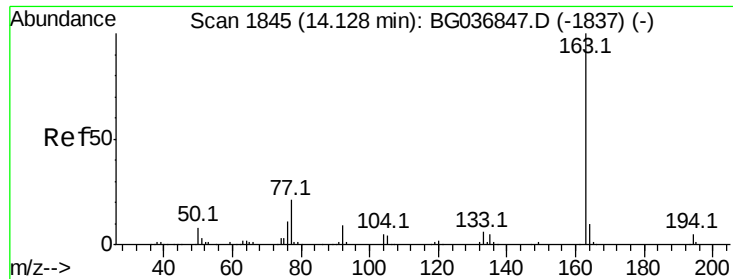


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 21.234 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BG037024.D

Acq: 27 Sep 2018 21:11

Instrument :

BNA_G

ClientSampled :

TP-4

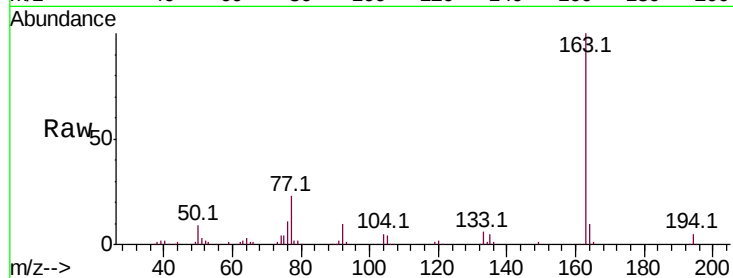
Tot Ion:163 Resp: 181205

Ion Ratio Lower Upper

163 100

194 4.7 4.0 6.0

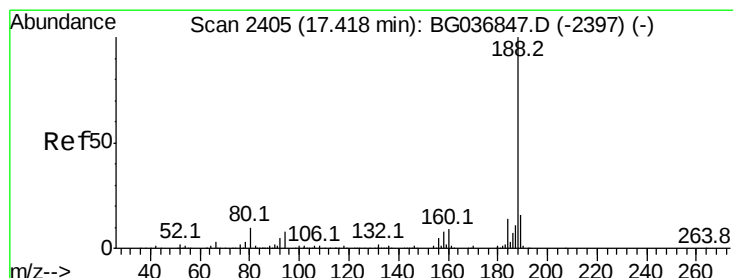
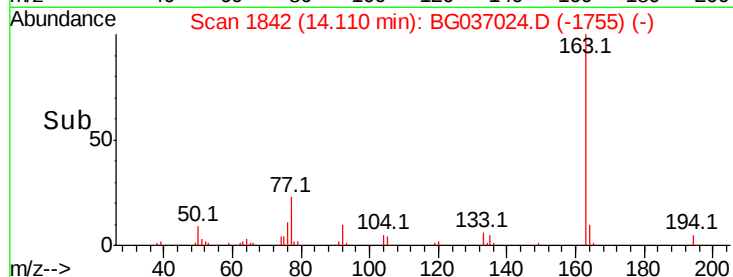
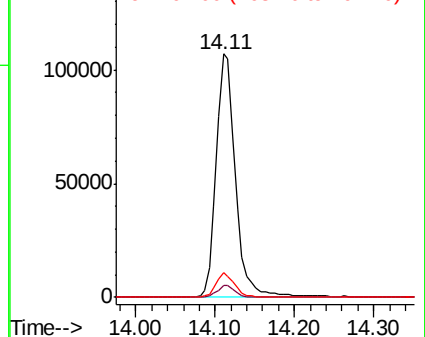
164 10.2 8.1 12.1



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: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BG037024.D

Acq: 27 Sep 2018 21:11

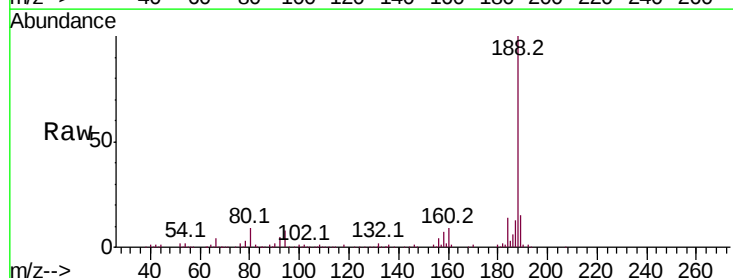
Tgt Ion:188 Resp: 274878

Ion Ratio Lower Upper

188 100

94 7.6 6.7 10.1

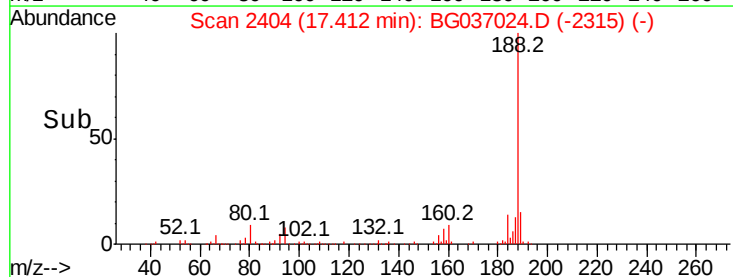
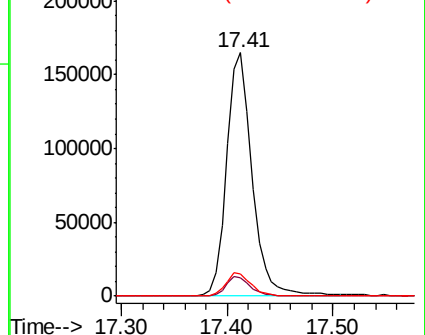
80 9.1 8.1 12.1

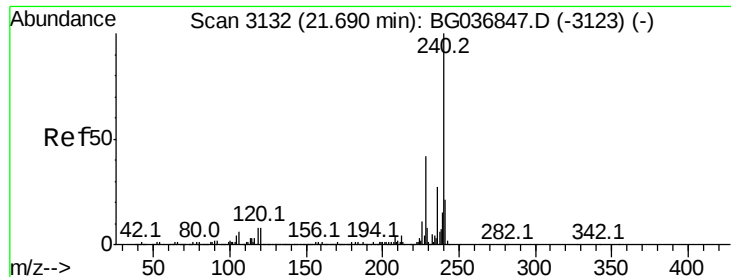


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG037024.D

Acq: 27 Sep 2018 21:11

Instrument :

BNA_G

ClientSampleId :

TP-4

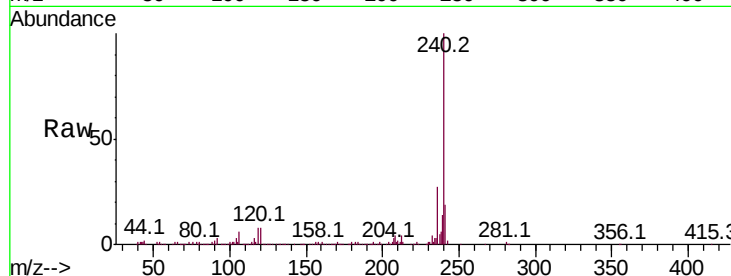
Tot Ion:240 Resp: 286653

Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

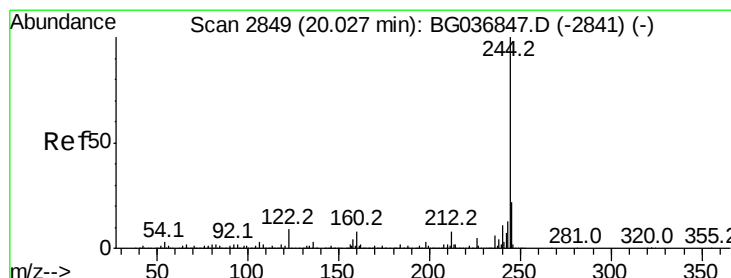
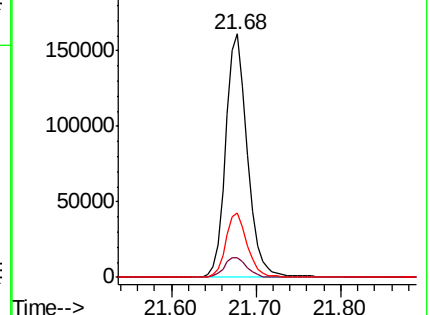
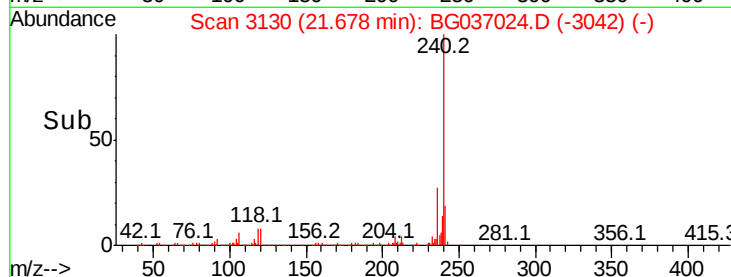
236 26.5 21.2 31.8



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: 89.570 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037024.D

Acq: 27 Sep 2018 21:11

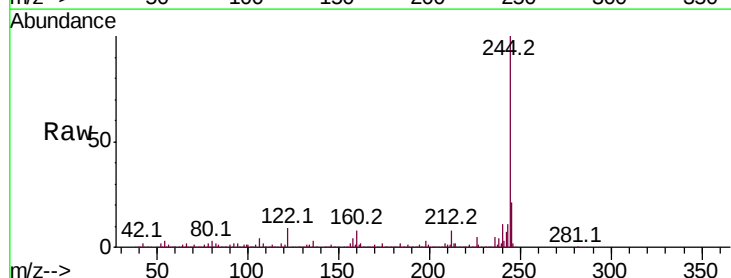
Tgt Ion:244 Resp: 976449

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

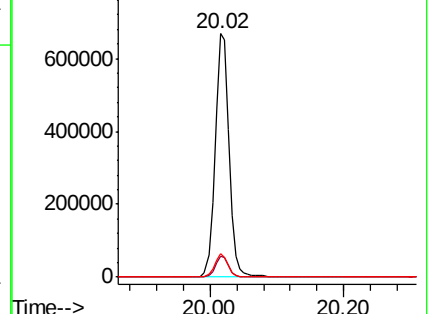
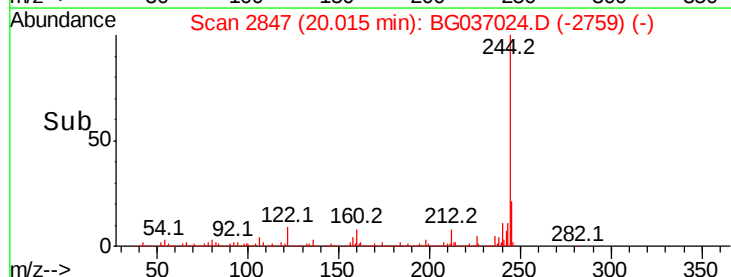
122 9.5 7.1 10.7

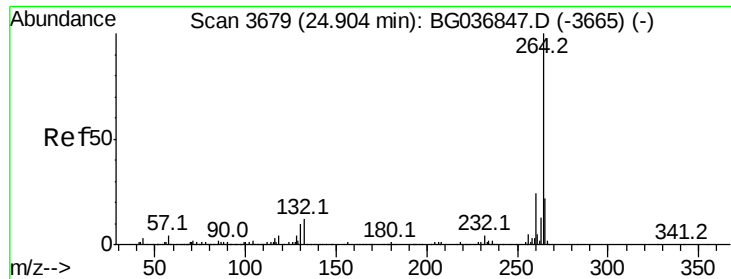


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG037024.D
 Acq: 27 Sep 2018 21:11

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.6	29.4
265	22.5	17.4	26.0

