

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037807.D
 Acq On : 5 Nov 2018 17:47
 Operator : JU/SJ
 Sample : J5769-21
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Quant Time: Nov 06 04:32:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

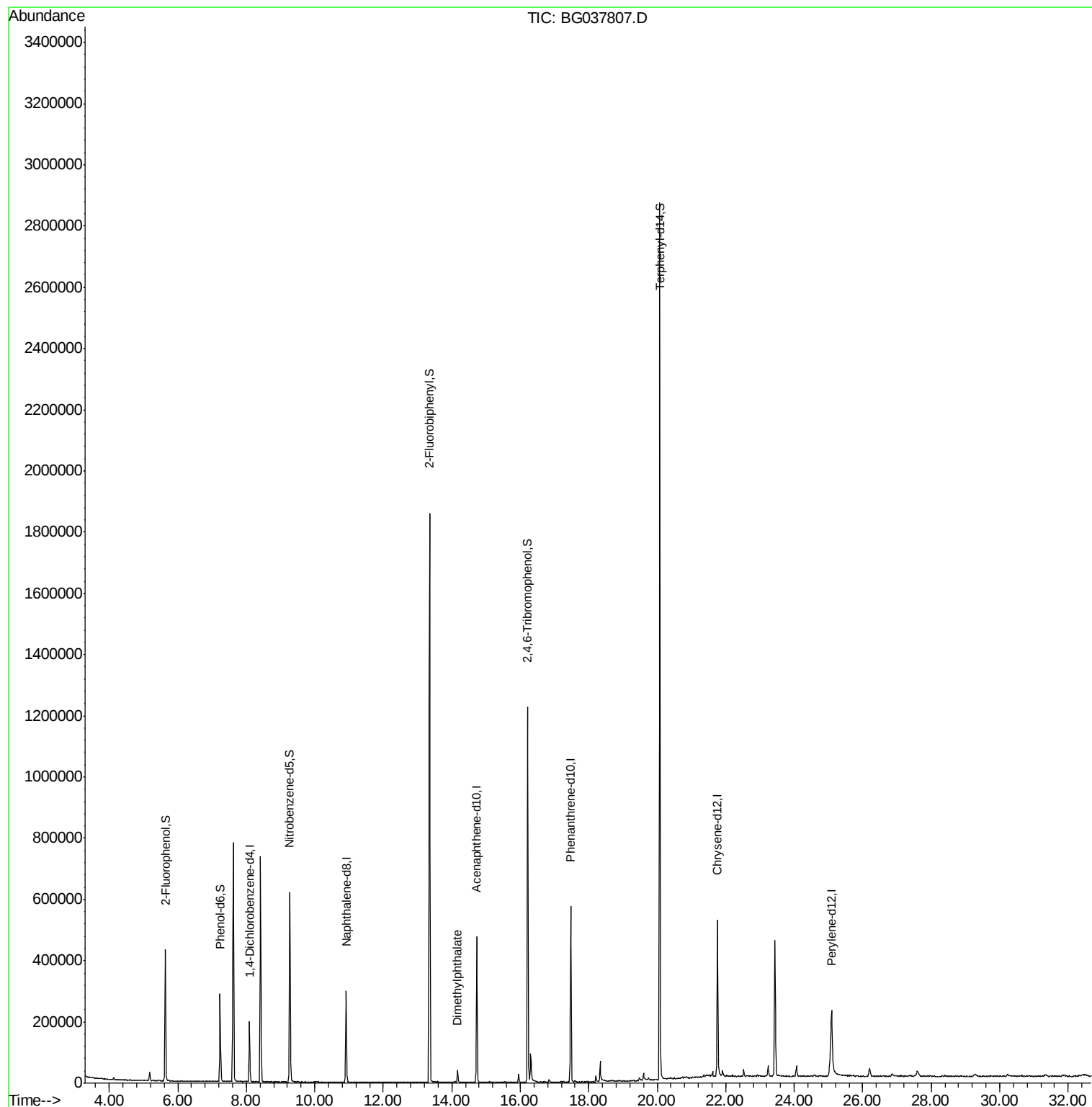
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	59827	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	267714	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	180184	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	390615	20.00	ng	0.00
76) Chrysene-d12	21.75	240	345912	20.00	ng	-0.02
87) Perylene-d12	25.09	264	308007	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	205689	57.48	ng	0.00
7) Phenol-d6	7.24	99	190416	35.19	ng	-0.02
23) Nitrobenzene-d5	9.27	82	410246	85.84	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	236308	120.24	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	1017275	85.13	ng	-0.02
79) Terphenyl-d14	20.07	244	1364402	84.28	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.17	163	30414	2.182	ng	Qvalue 99

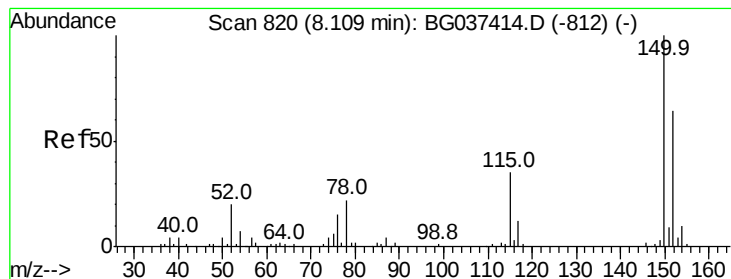
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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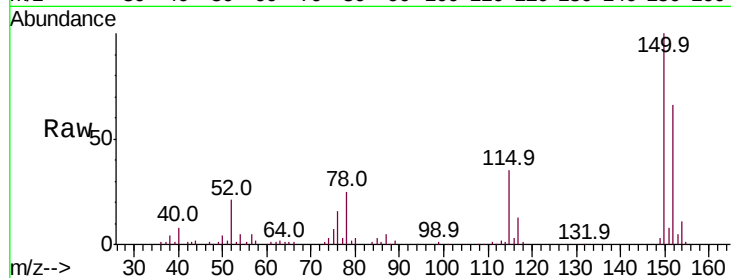


#1

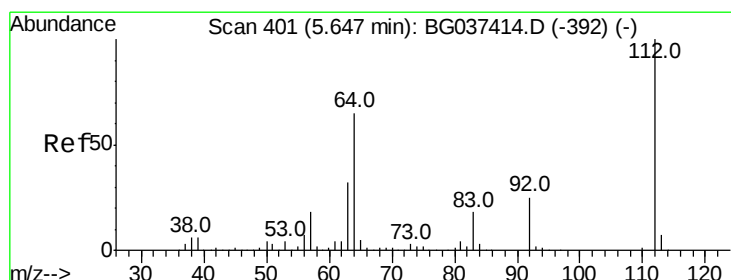
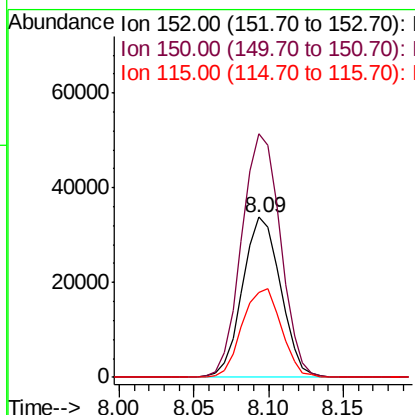
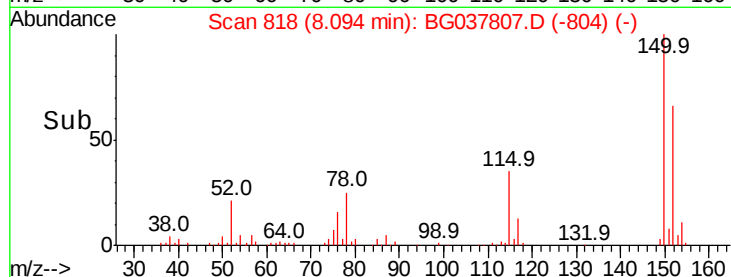
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BG037807.D
 Acq: 5 Nov 2018 17:47

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Tot Ion:152 Resp: 59827
 Ion Ratio Lower Upper
 152 100
 150 151.8 126.0 189.0
 115 52.7 45.5 68.3



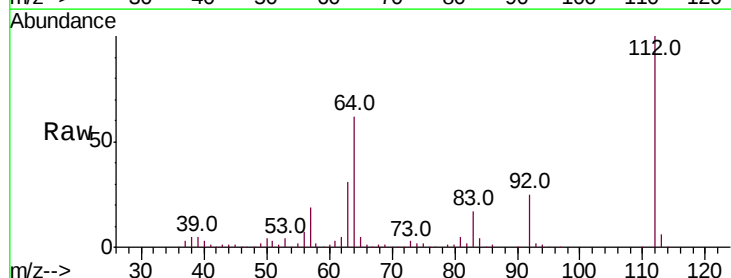
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



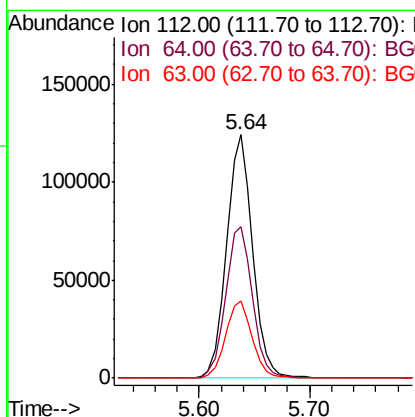
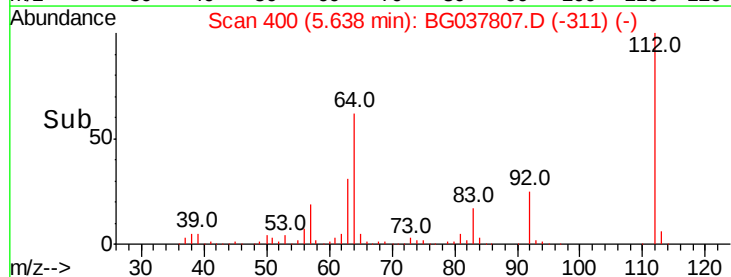
#5

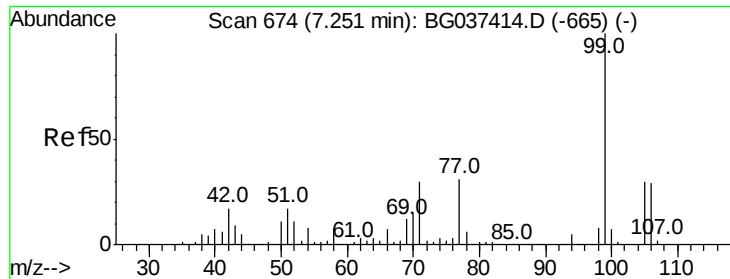
2-Fluorophenol
 Concen: 57.479 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG037807.D
 Acq: 5 Nov 2018 17:47

Tgt Ion:112 Resp: 205689
 Ion Ratio Lower Upper
 112 100
 64 62.5 53.1 79.7
 63 31.5 27.3 40.9



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: 35.190 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG037807.D

Acq: 5 Nov 2018 17:47

Instrument :

BNA_G

ClientSampleId :

MW-1

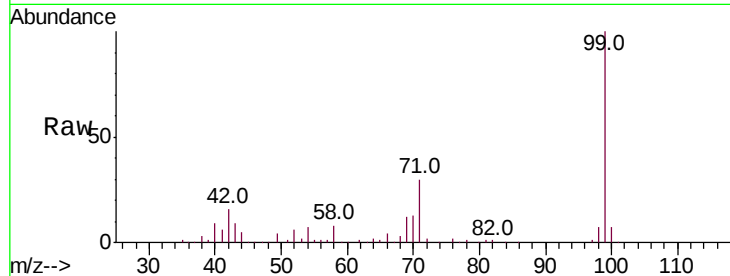
Tot Ion: 99 Resp: 190416

Ion Ratio Lower Upper

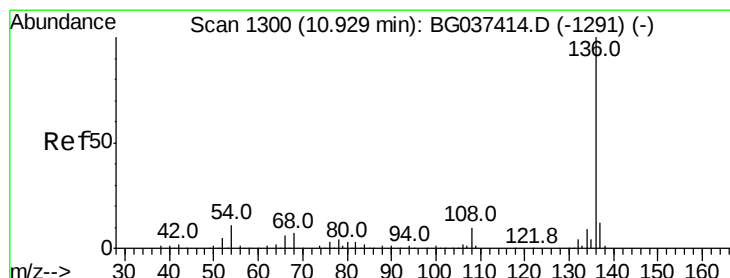
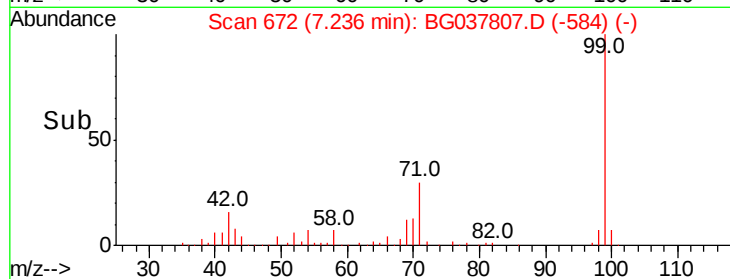
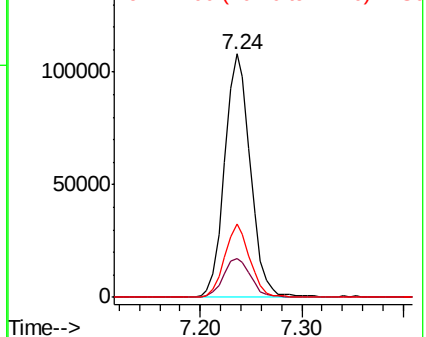
99 100

42 15.9 15.0 22.4

71 30.0 25.5 38.3



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: 10.91 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BG037807.D

Acq: 5 Nov 2018 17:47

Tgt Ion: 136 Resp: 267714

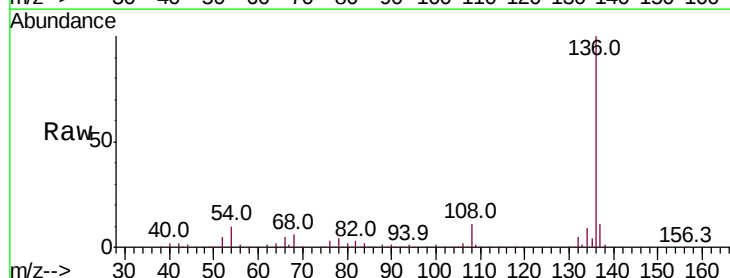
Ion Ratio Lower Upper

136 100

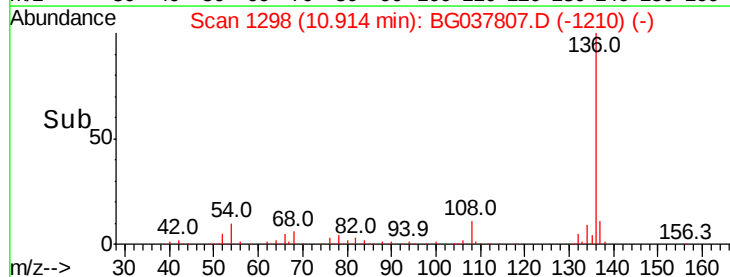
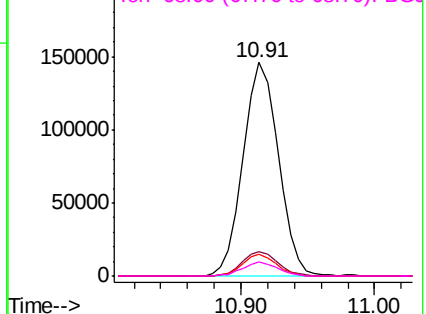
137 11.2 9.6 14.4

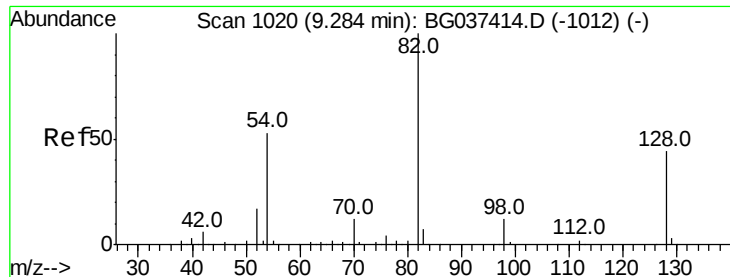
54 10.2 7.9 11.9

68 6.5 4.8 7.2



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

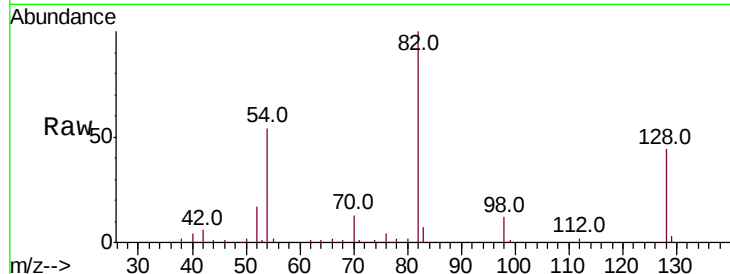




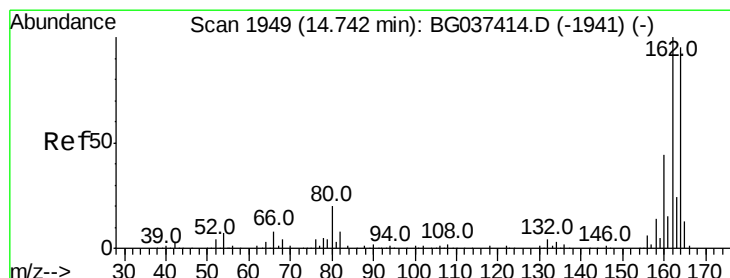
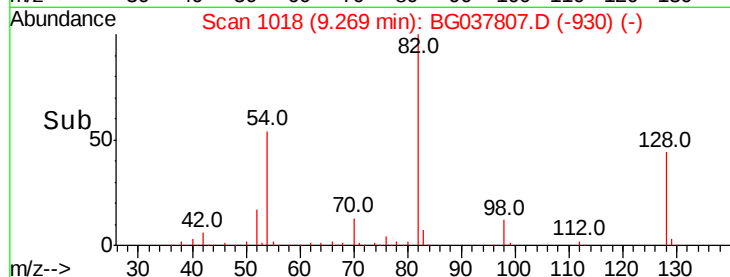
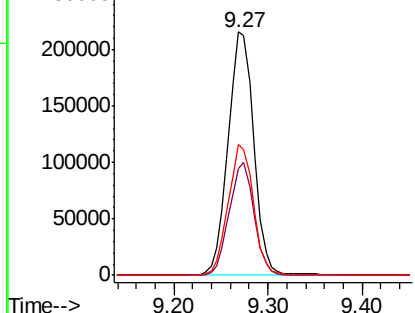
#23
Nitrobenzene-d5
Concen: 85.844 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037807.D
Acq: 5 Nov 2018 17:47

Instrument :
BNA_G
ClientSampled :
MW-1

Tot Ion: 82 Resp: 410246
Ion Ratio Lower Upper
82 100
128 43.8 34.6 51.8
54 53.9 45.3 67.9

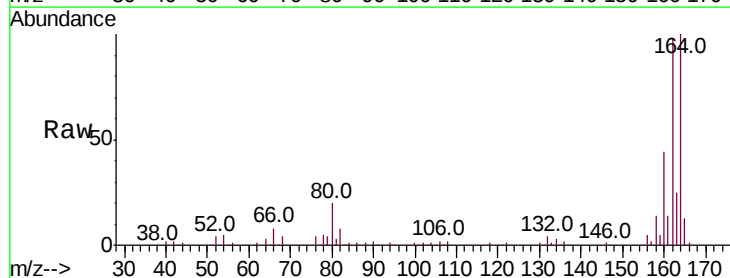


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

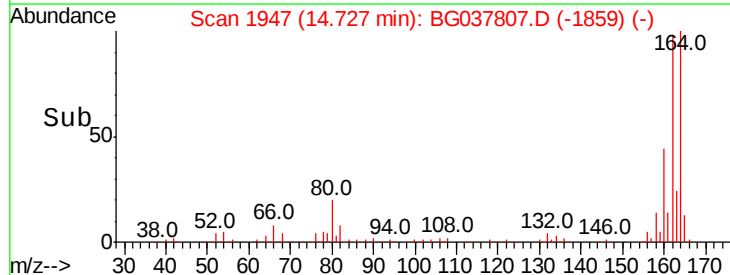
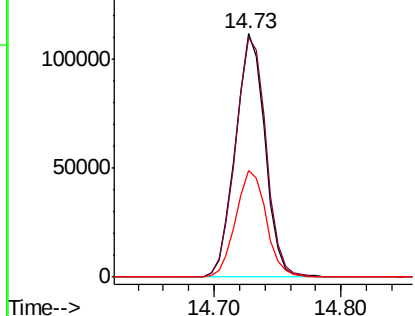


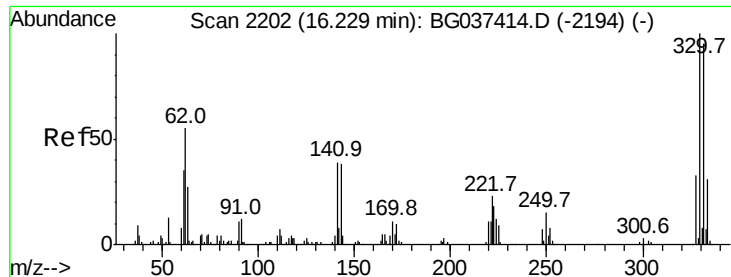
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BG037807.D
Acq: 5 Nov 2018 17:47

Tgt Ion:164 Resp: 180184
Ion Ratio Lower Upper
164 100
162 98.4 81.3 121.9
160 43.7 36.3 54.5



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





#42

2,4,6-Tribromophenol

Concen: 120.243 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG037807.D

Acq: 5 Nov 2018 17:47

Instrument :

BNA_G

ClientSampleId :

MW-1

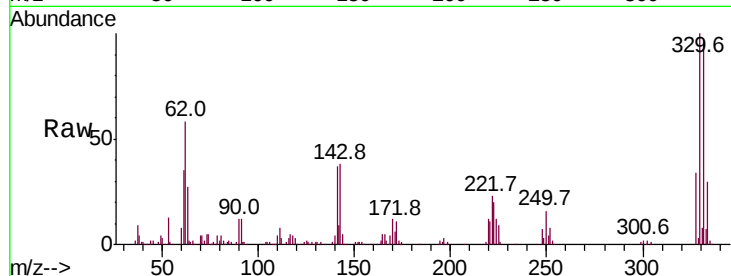
Tot Ion:330 Resp: 236308

Ion Ratio Lower Upper

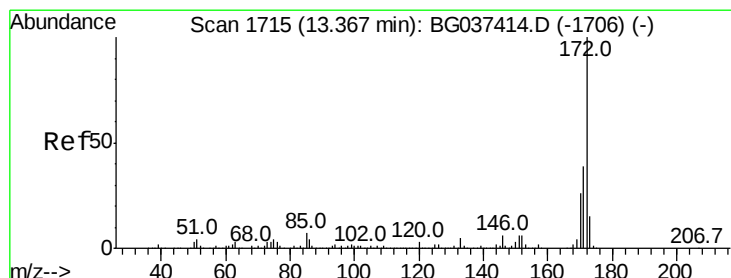
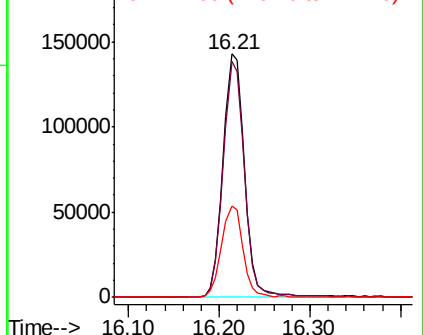
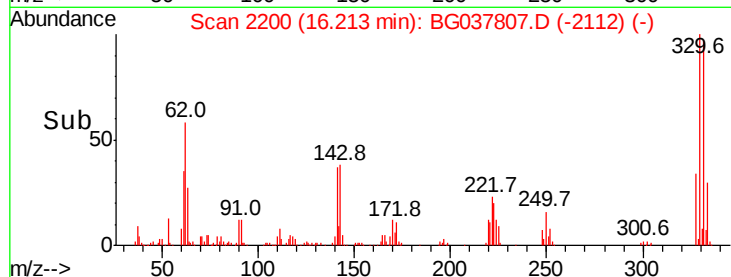
330 100

332 95.1 78.4 117.6

141 37.5 32.2 48.2



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



#45

2-Fluorobiphenyl

Concen: 85.135 ng

RT: 13.35 min Scan# 1713

Delta R.T. -0.02 min

Lab File: BG037807.D

Acq: 5 Nov 2018 17:47

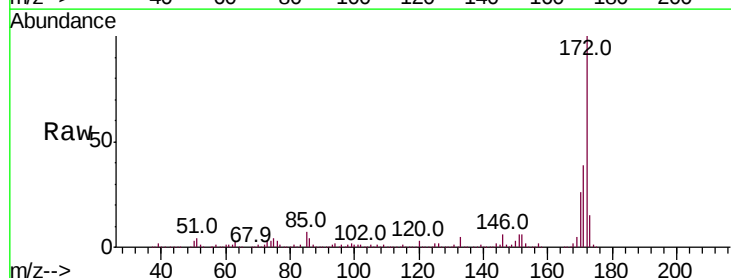
Tgt Ion:172 Resp: 1017275

Ion Ratio Lower Upper

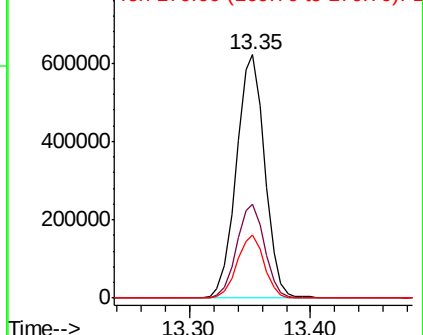
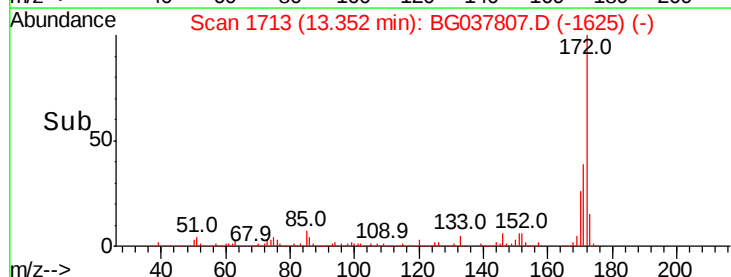
172 100

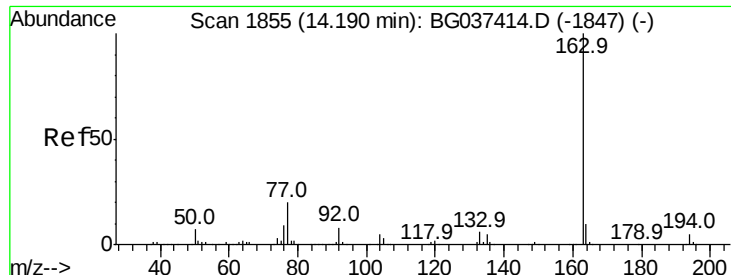
171 38.6 31.0 46.4

170 25.7 20.2 30.2



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





#50

Dimethylphthalate

Concen: 2.182 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BG037807.D

Acq: 5 Nov 2018 17:47

Instrument :

BNA_G

ClientSampleId :

MW-1

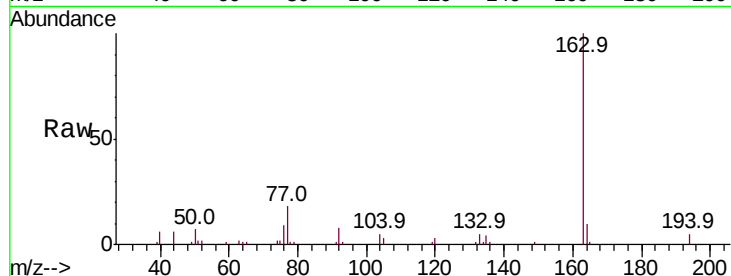
Tot Ion:163 Resp: 30414

Ion Ratio Lower Upper

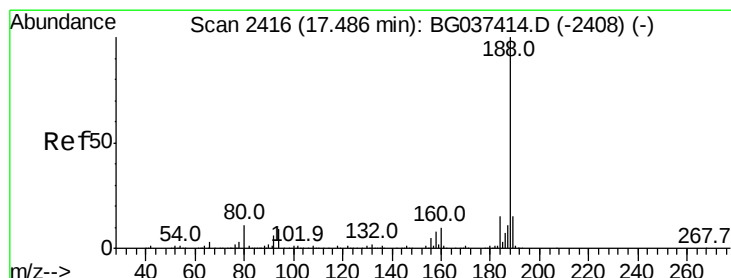
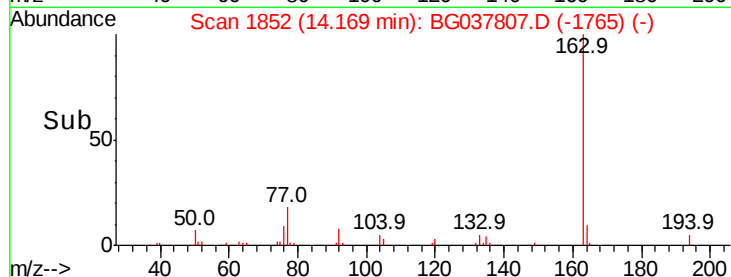
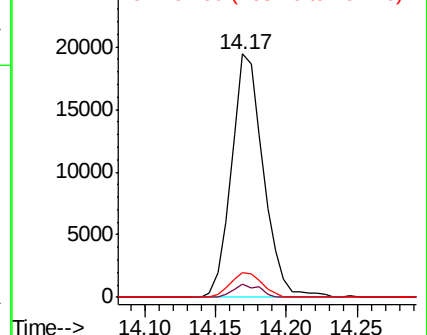
163 100

194 5.2 3.5 5.3

164 10.4 8.5 12.7



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037807.D

Acq: 5 Nov 2018 17:47

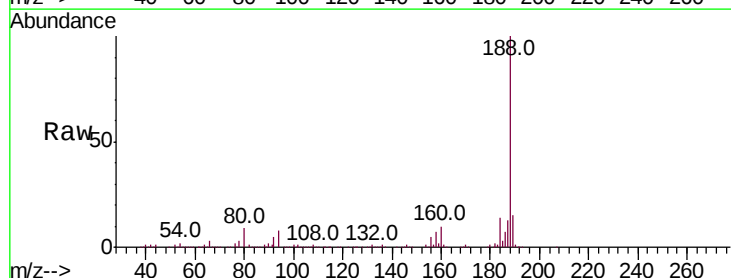
Tgt Ion:188 Resp: 390615

Ion Ratio Lower Upper

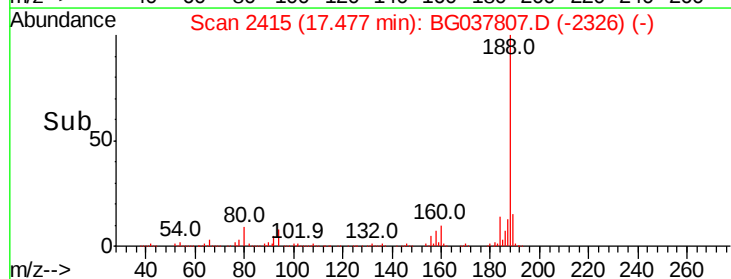
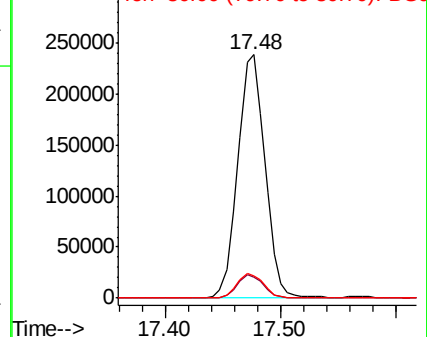
188 100

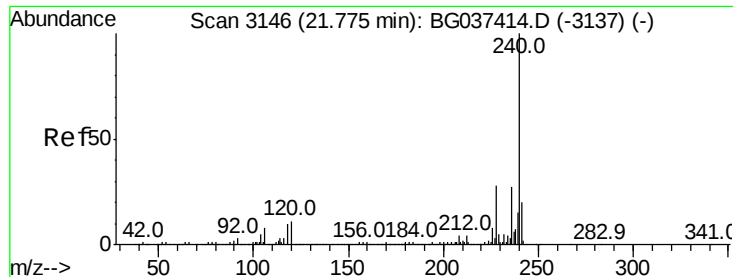
94 8.4 7.2 10.8

80 9.2 7.7 11.5



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037807.D

Acq: 5 Nov 2018 17:47

Instrument :

BNA_G

ClientSampleId :

MW-1

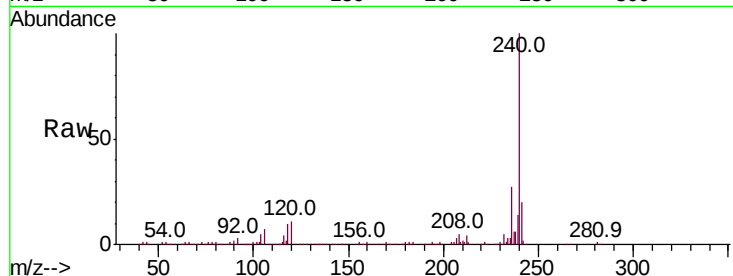
Tot Ion:240 Resp: 345912

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

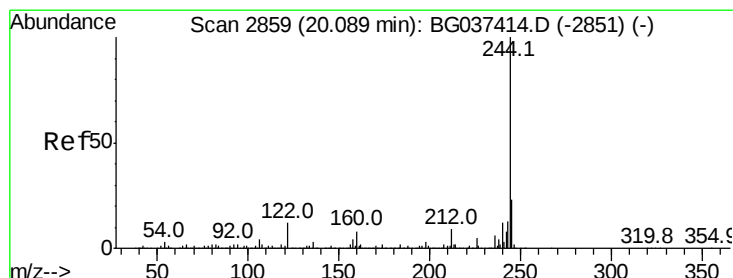
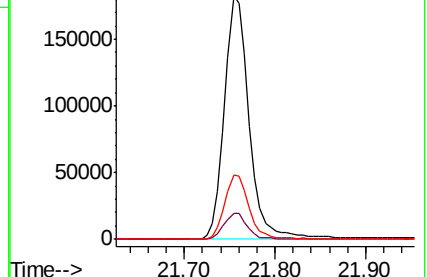
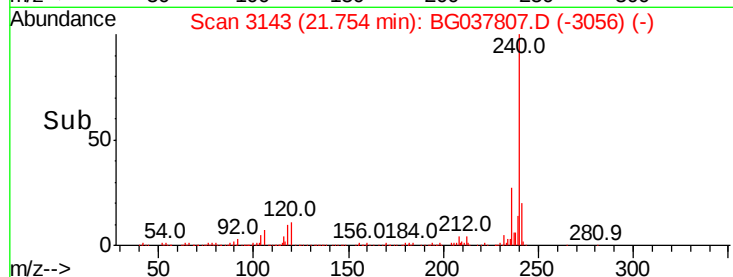
236 26.7 21.4 32.0



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



#79

Terphenyl-d14

Concen: 84.282 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037807.D

Acq: 5 Nov 2018 17:47

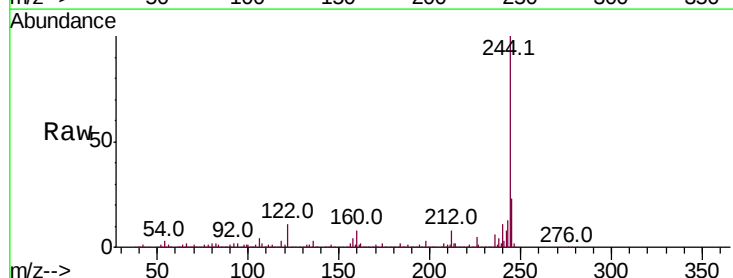
Tgt Ion:244 Resp: 1364402

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

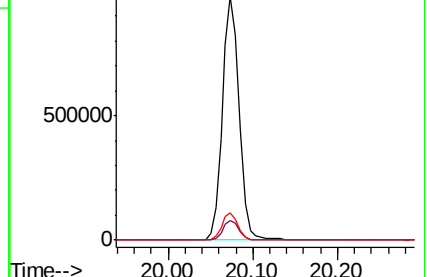
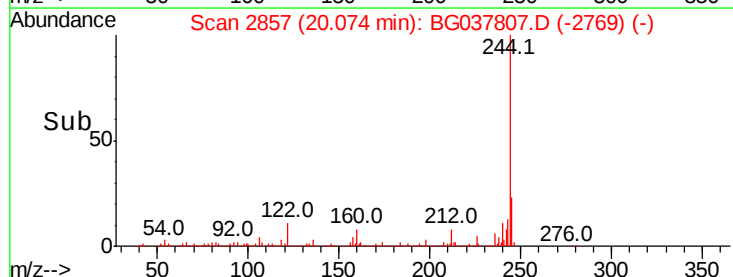
122 11.1 9.0 13.4

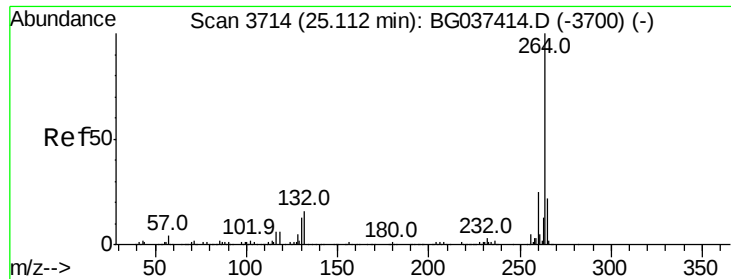


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.03 min
Lab File: BG037807.D
Acq: 5 Nov 2018 17:47

Instrument :
BNA_G
ClientSampleId :
MW-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.2	27.4
265	21.5	17.9	26.9

