

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037481.D
 Acq On : 23 Oct 2018 18:10
 Operator : JU/SJ
 Sample : J5621-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SA-SW-01

Quant Time: Oct 24 05:07:27 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	8.11	152	72162	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	329972	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	221252	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	531965	20.00	ng	0.00
76) Chrysene-d12	21.77	240	484724	20.00	ng	0.00
87) Perylene-d12	25.10	264	485801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	228684	52.98	ng	0.00
7) Phenol-d6	7.24	99	205114	31.43	ng	0.00
23) Nitrobenzene-d5	9.28	82	458755	77.88	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	287367	119.08	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1096990	74.77	ng	0.00
79) Terphenyl-d14	20.09	244	1622311	71.51	ng	0.00

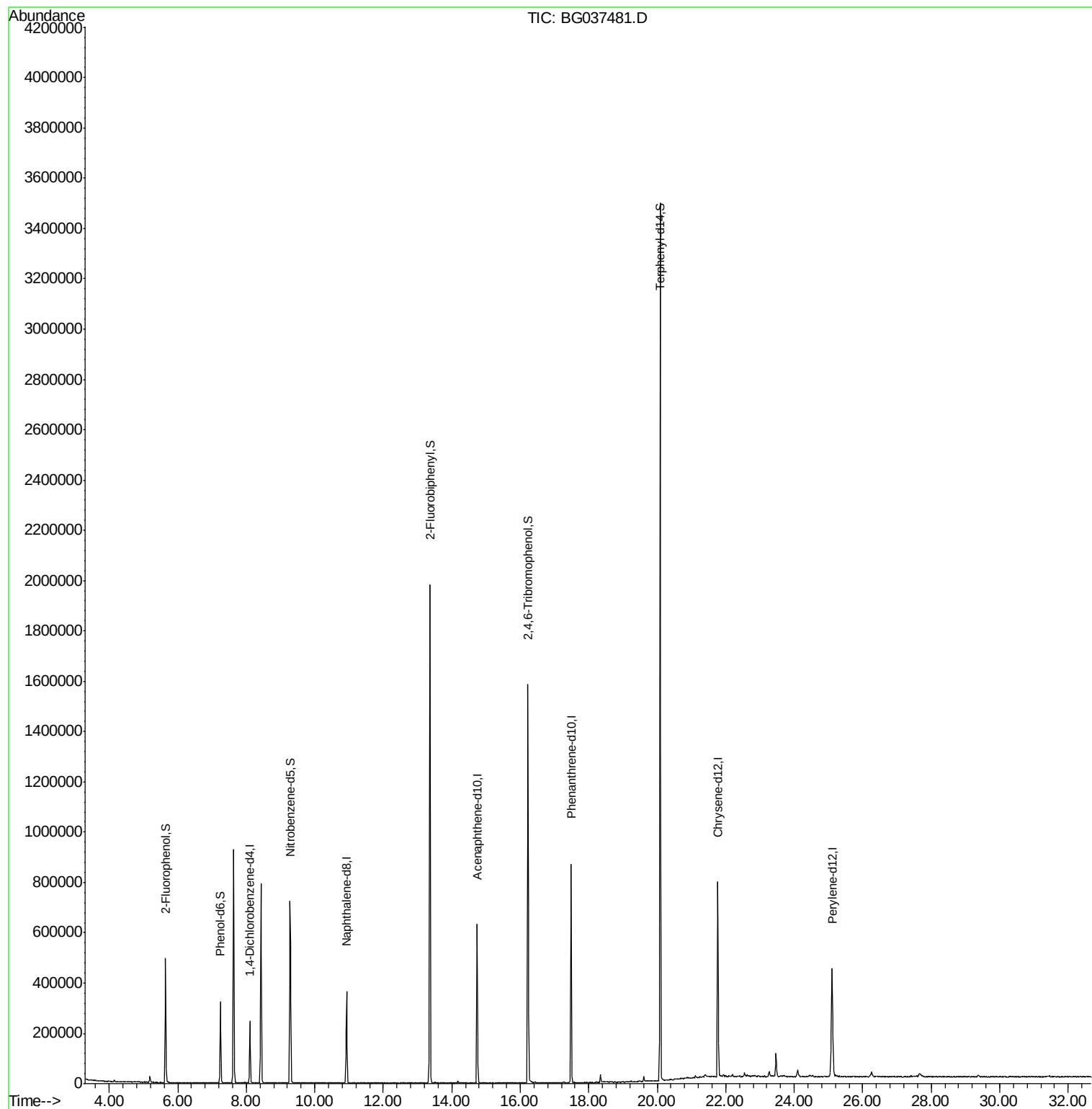
Target Compounds Qvalue

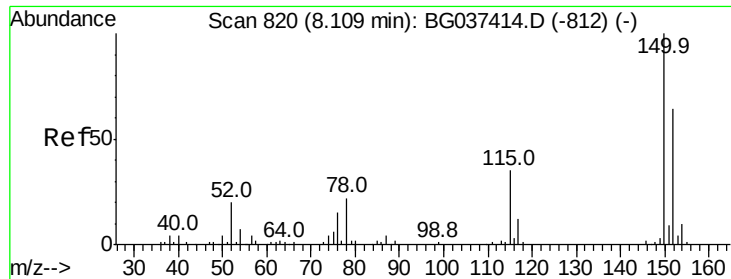
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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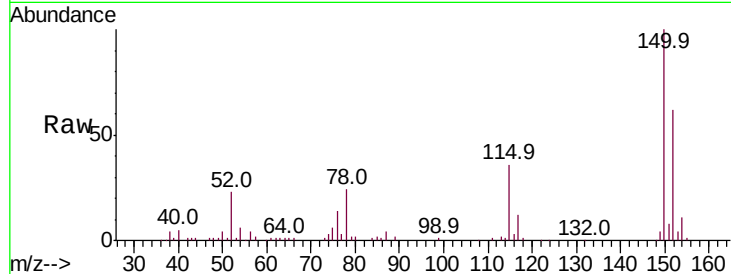


#1

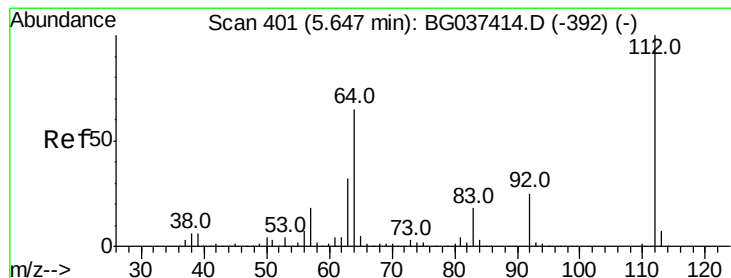
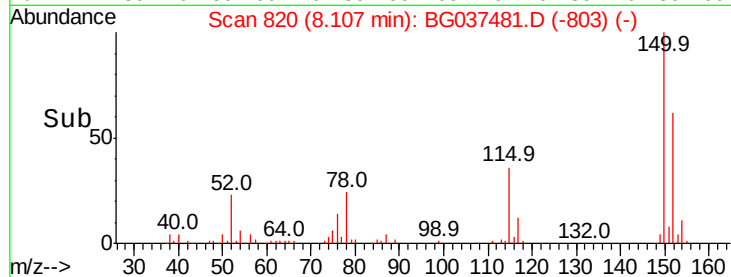
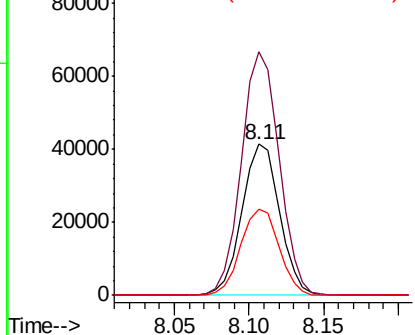
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037481.D
Acq: 23 Oct 2018 18:10

Instrument :
BNA_G
ClientSampleId :
SA-SW-01

Tot Ion:152 Resp: 72162
Ion Ratio Lower Upper
152 100
150 161.4 126.0 189.0
115 57.5 45.5 68.3



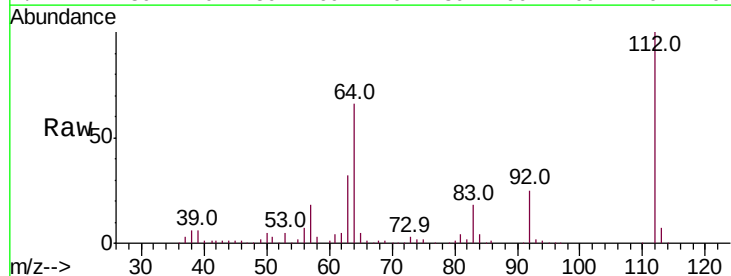
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



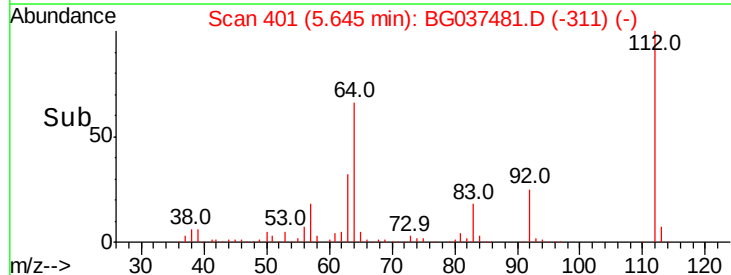
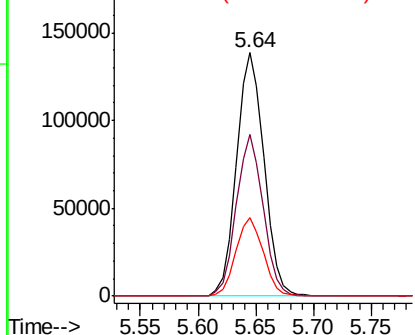
#5

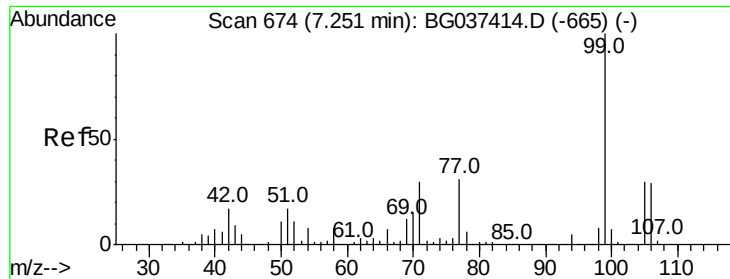
2-Fluorophenol
Concen: 52.982 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037481.D
Acq: 23 Oct 2018 18:10

Tgt Ion:112 Resp: 228684
Ion Ratio Lower Upper
112 100
64 66.4 53.1 79.7
63 32.2 27.3 40.9



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: 31.427 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037481.D

Acq: 23 Oct 2018 18:10

Instrument :

BNA_G

ClientSampleId :

SA-SW-01

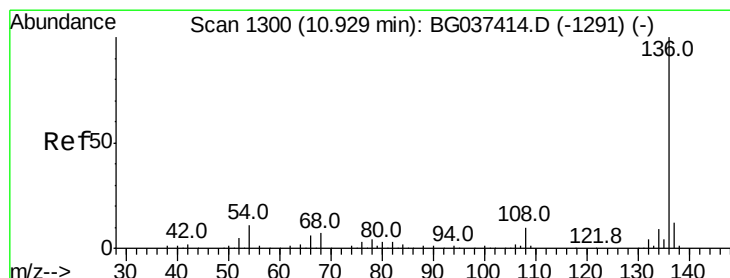
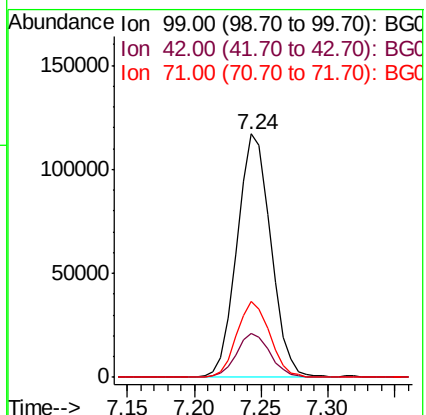
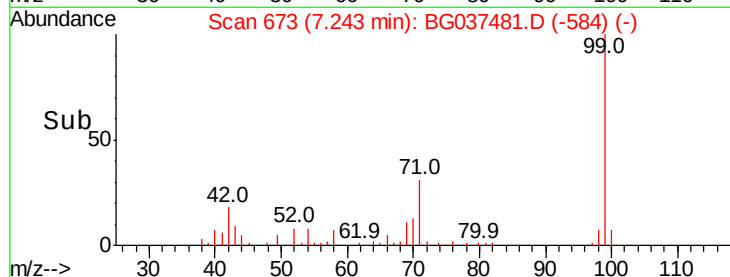
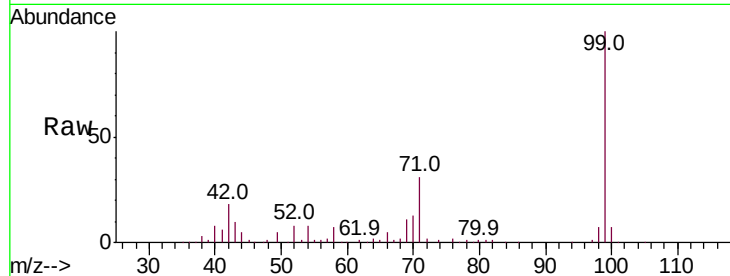
Tot Ion: 99 Resp: 205114

Ion Ratio Lower Upper

99 100

42 18.2 15.0 22.4

71 31.1 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG037481.D

Acq: 23 Oct 2018 18:10

Tgt Ion: 136 Resp: 329972

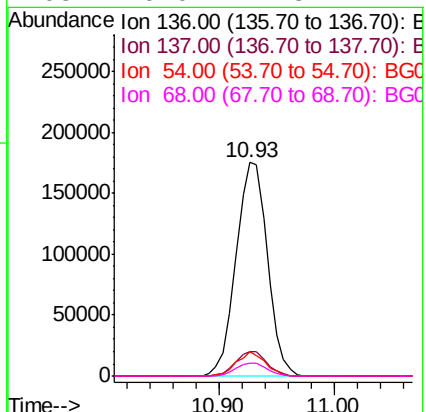
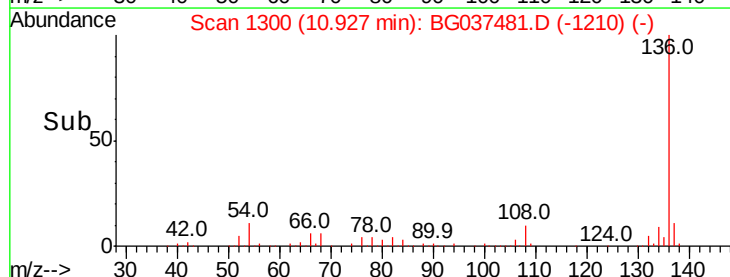
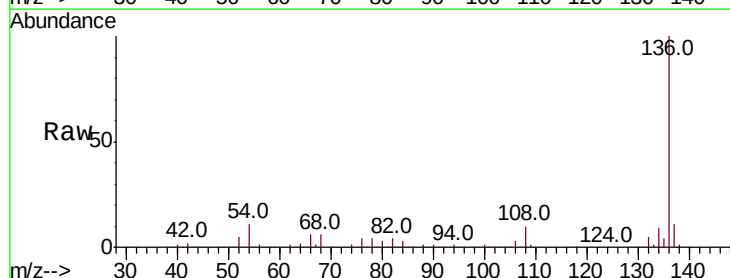
Ion Ratio Lower Upper

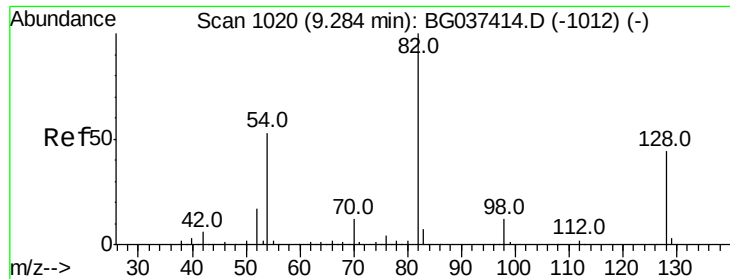
136 100

137 11.4 9.6 14.4

54 11.3 7.9 11.9

68 6.0 4.8 7.2

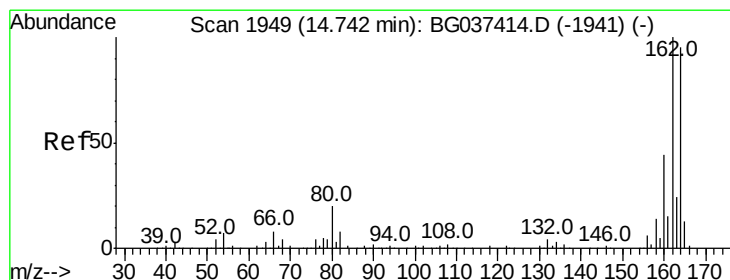
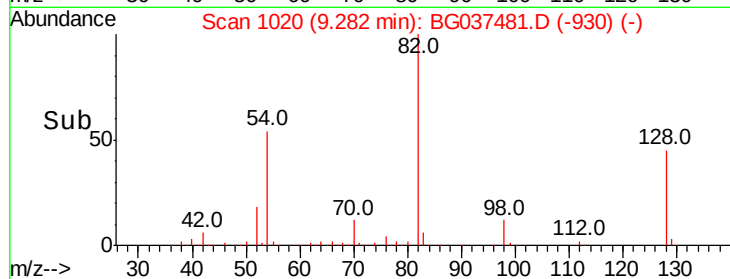
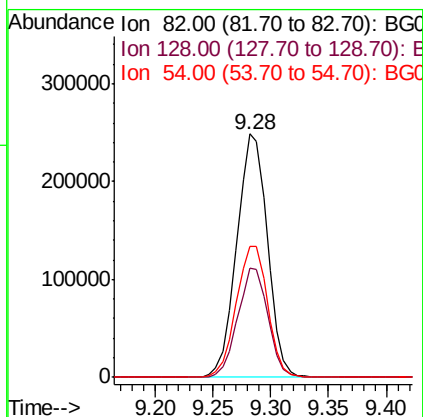
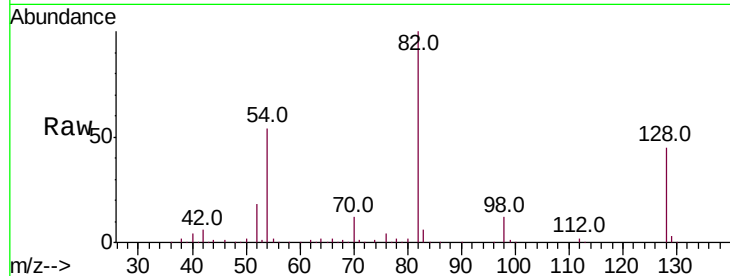




#23
 Nitrobenzene-d5
 Concen: 77.882 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037481.D
 Acq: 23 Oct 2018 18:10

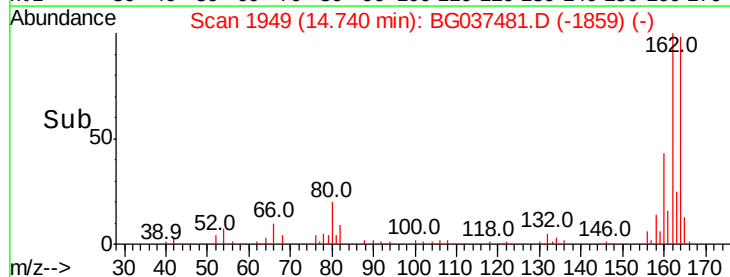
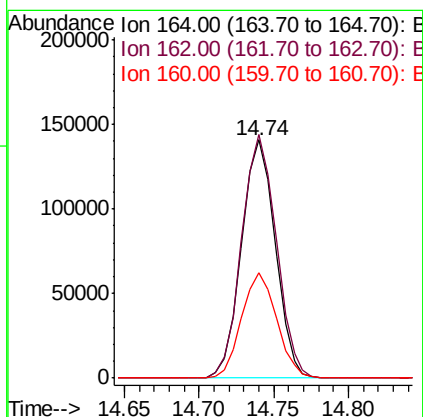
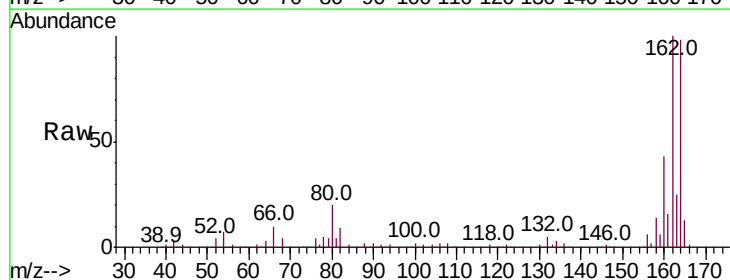
Instrument :
 BNA_G
 ClientSampleId :
 SA-SW-01

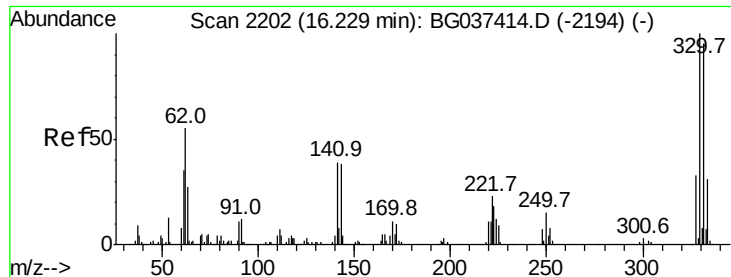
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.6	51.8
54	54.0	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BG037481.D
 Acq: 23 Oct 2018 18:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.3	121.9
160	44.4	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 119.083 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037481.D

Acq: 23 Oct 2018 18:10

Instrument :

BNA_G

ClientSampled :

SA-SW-01

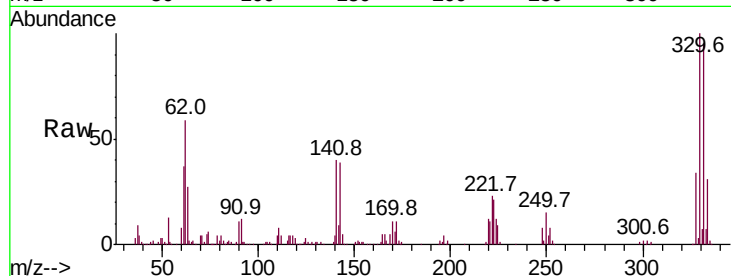
Tot Ion:330 Resp: 287367

Ion Ratio Lower Upper

330 100

332 95.4 78.4 117.6

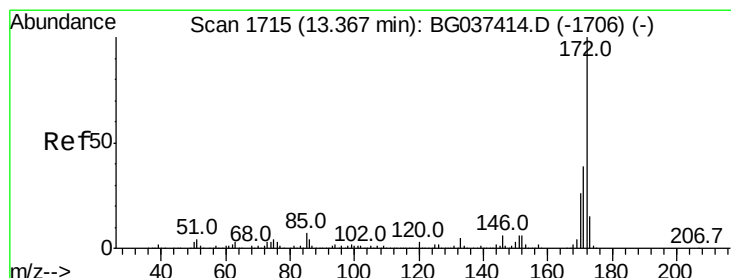
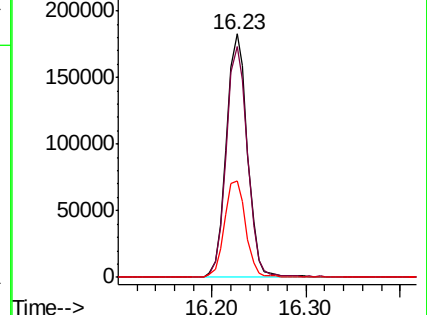
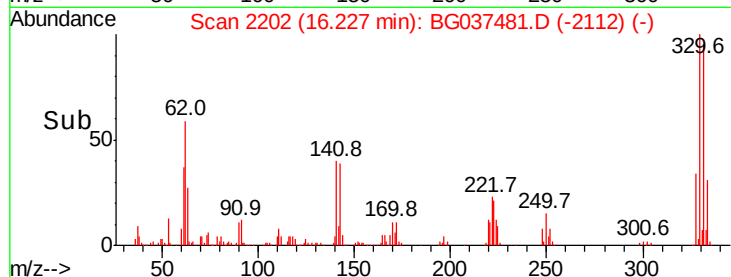
141 39.9 32.2 48.2



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: 74.765 ng

RT: 13.37 min Scan# 1715

Delta R.T. -0.00 min

Lab File: BG037481.D

Acq: 23 Oct 2018 18:10

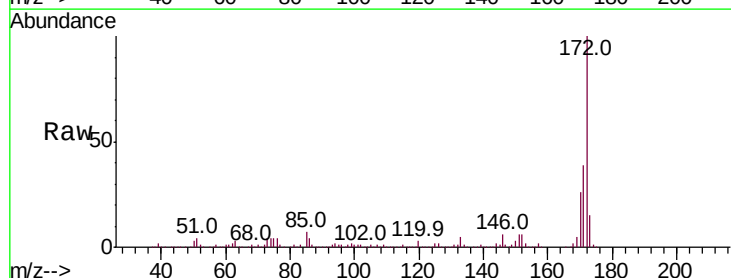
Tgt Ion:172 Resp: 1096990

Ion Ratio Lower Upper

172 100

171 39.2 31.0 46.4

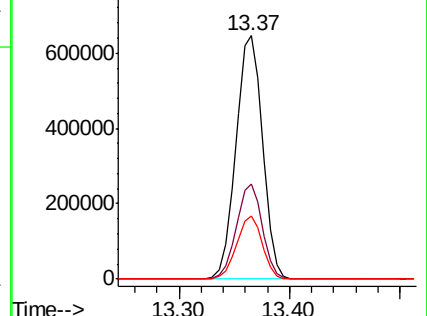
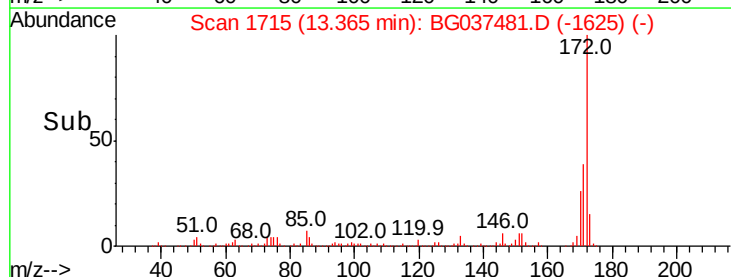
170 25.8 20.2 30.2

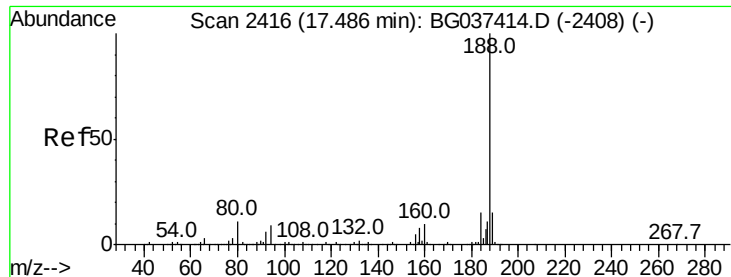


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

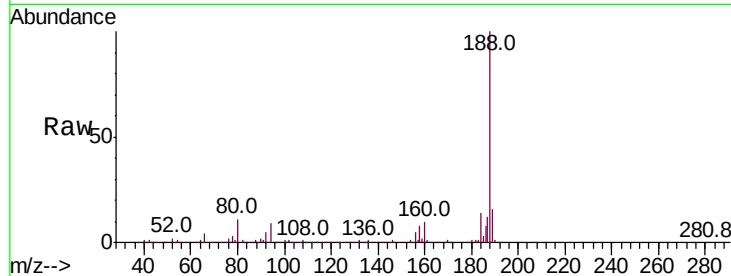




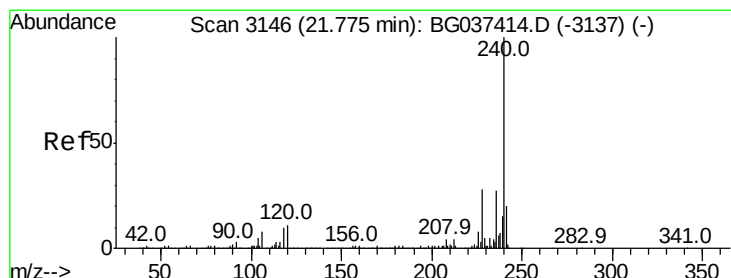
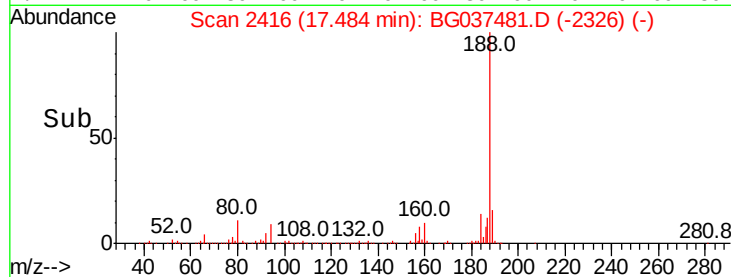
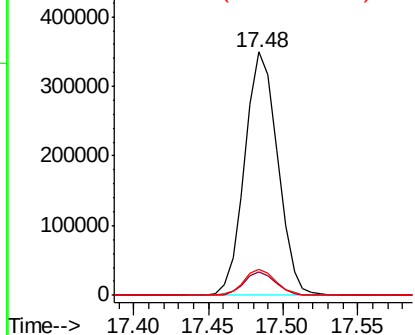
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037481.D
Acq: 23 Oct 2018 18:10

Instrument :
BNA_G
ClientSampleId :
SA-SW-01

Tot Ion:188 Resp: 531965
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 10.7 7.7 11.5

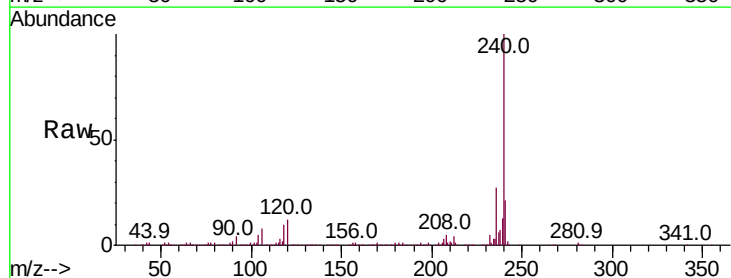


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

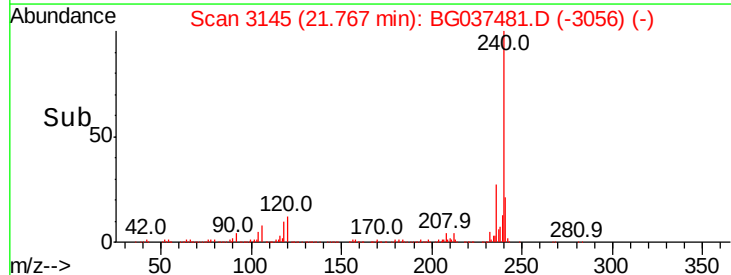
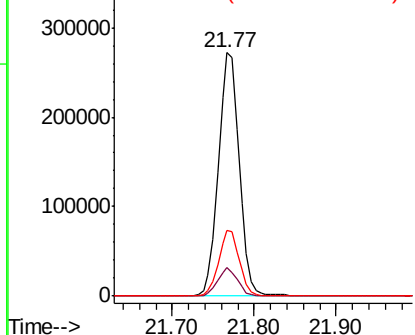


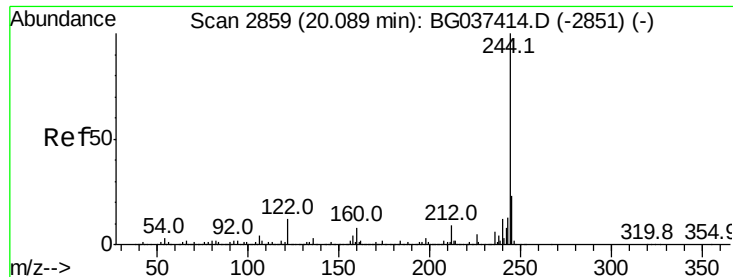
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037481.D
Acq: 23 Oct 2018 18:10

Tgt Ion:240 Resp: 484724
Ion Ratio Lower Upper
240 100
120 11.5 8.1 12.1
236 27.0 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: 71.515 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037481.D

Acq: 23 Oct 2018 18:10

Instrument :

BNA_G

ClientSampleId :

SA-SW-01

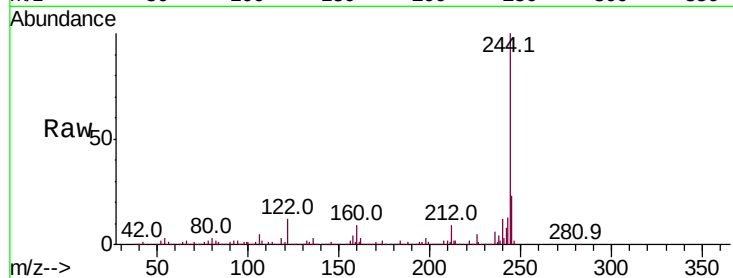
Tot Ion:244 Resp: 1622311

Ion Ratio Lower Upper

244 100

212 8.8 6.5 9.7

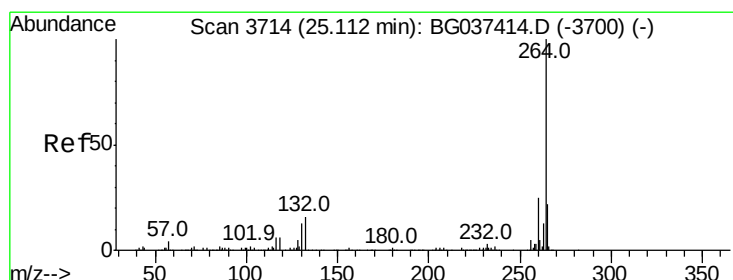
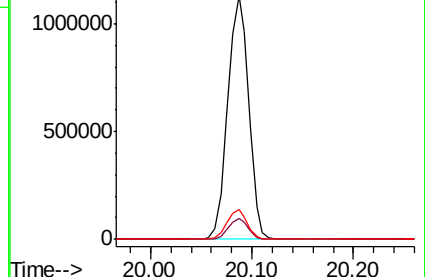
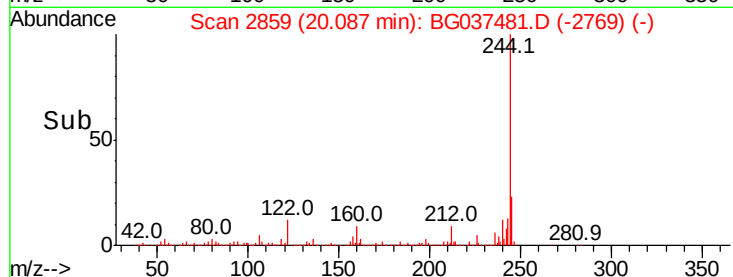
122 12.4 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037481.D

Acq: 23 Oct 2018 18:10

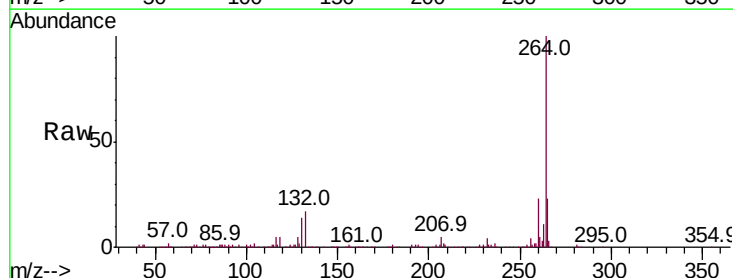
Tgt Ion:264 Resp: 485801

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

265 23.2 17.9 26.9



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

