

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037484.D
 Acq On : 23 Oct 2018 20:08
 Operator : JU/SJ
 Sample : J5621-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PA-SW-01

Quant Time: Oct 24 05:25:14 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	68004	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	303356	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	203699	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	493097	20.00	ng	0.00
76) Chrysene-d12	21.77	240	457990	20.00	ng	0.00
87) Perylene-d12	25.11	264	457361	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	231520	56.92	ng	0.00
7) Phenol-d6	7.24	99	250187	40.68	ng	0.00
23) Nitrobenzene-d5	9.28	82	433479	80.05	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	268208	120.72	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1008204	74.64	ng	0.00
79) Terphenyl-d14	20.09	244	1532709	71.51	ng	0.00

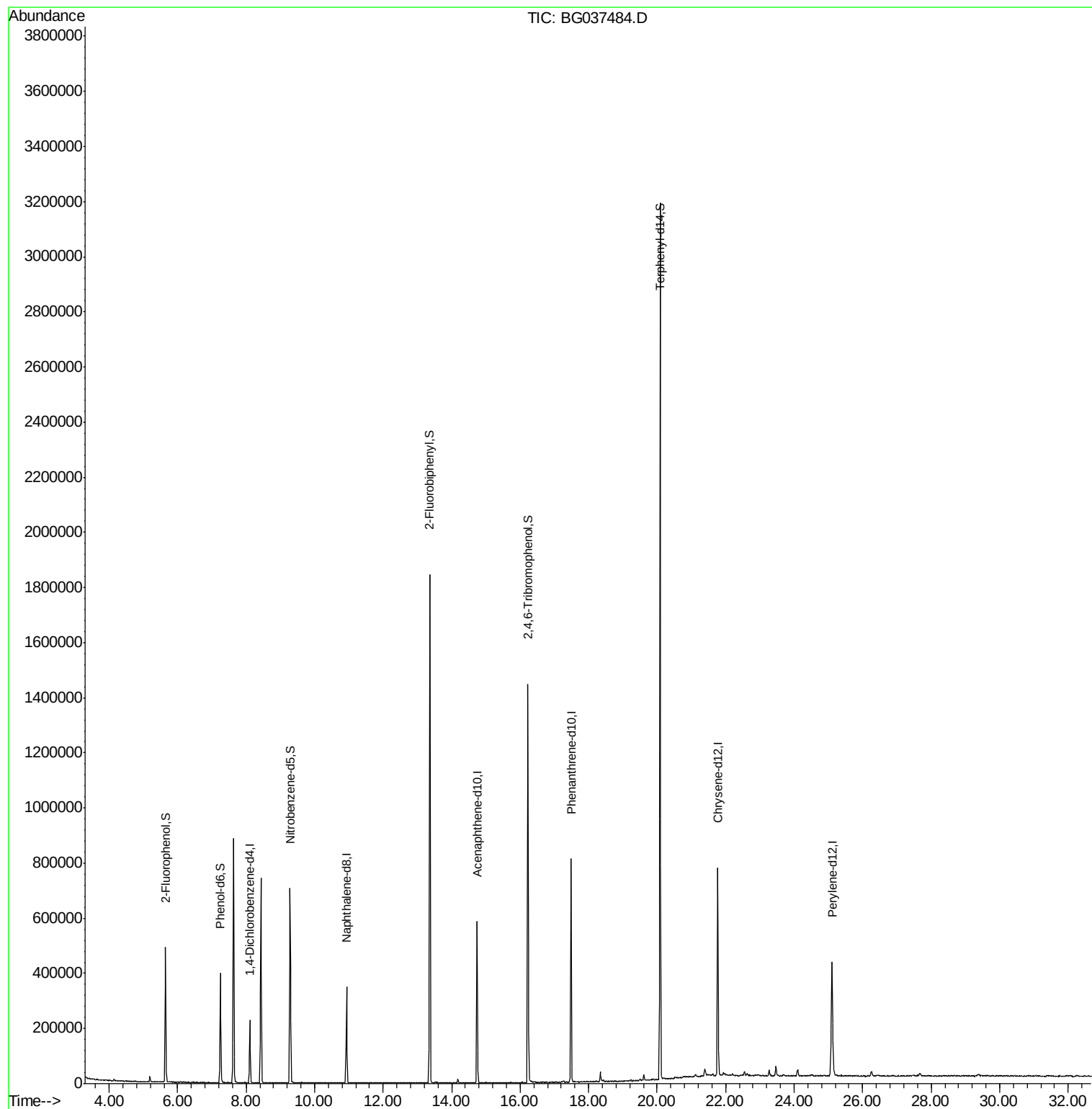
Target Compounds Qvalue

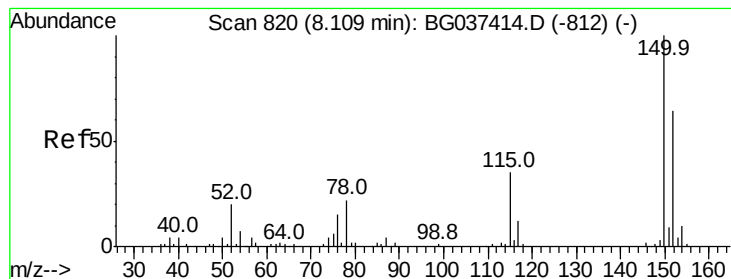
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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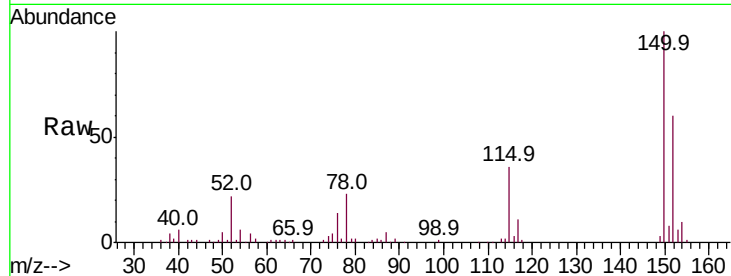


#1

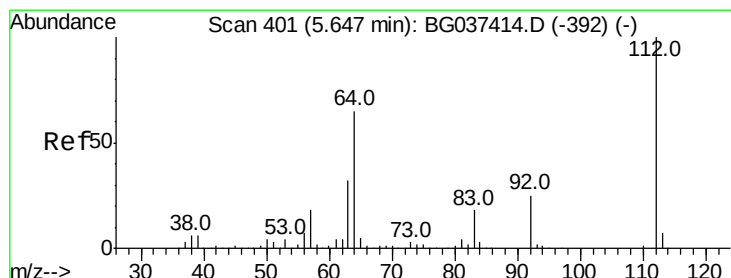
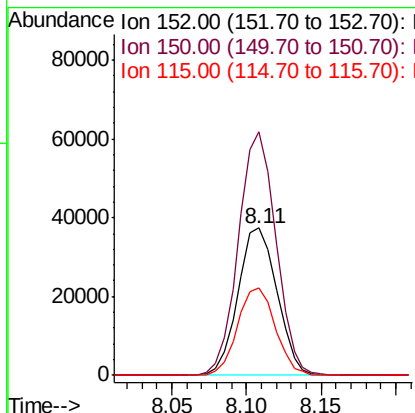
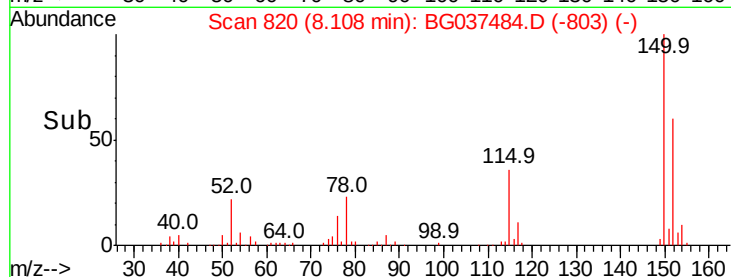
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037484.D
Acq: 23 Oct 2018 20:08

Instrument :
BNA_G
ClientSampleId :
PA-SW-01

Tot Ion:152 Resp: 68004
Ion Ratio Lower Upper
152 100
150 165.5 126.0 189.0
115 59.8 45.5 68.3



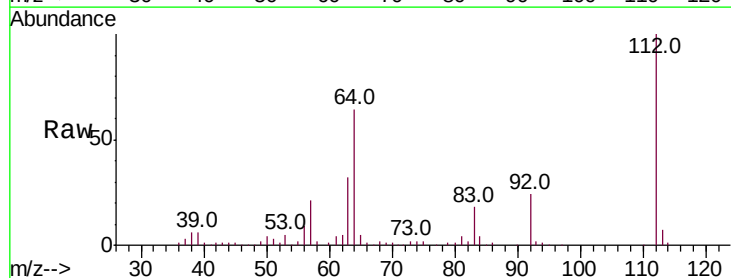
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



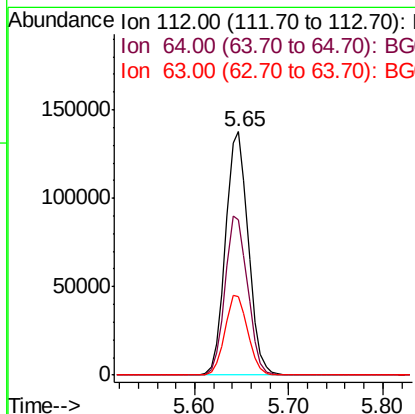
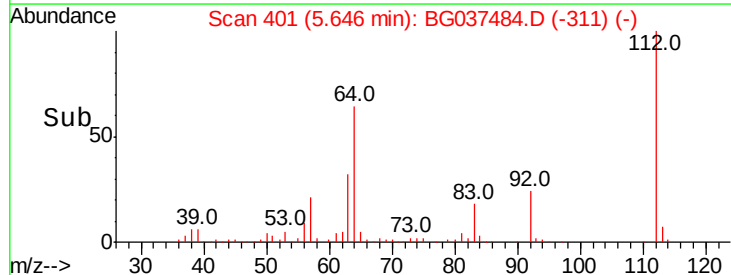
#5

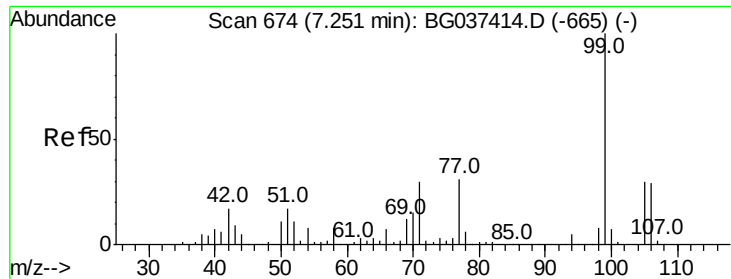
2-Fluorophenol
Concen: 56.918 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037484.D
Acq: 23 Oct 2018 20:08

Tgt Ion:112 Resp: 231520
Ion Ratio Lower Upper
112 100
64 63.7 53.1 79.7
63 32.1 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: 40.676 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037484.D

Acq: 23 Oct 2018 20:08

Instrument :

BNA_G

ClientSampleId :

PA-SW-01

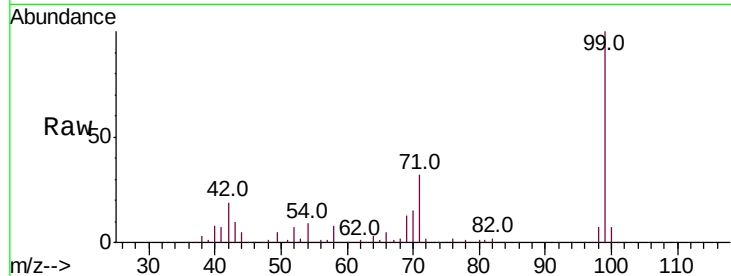
Tot Ion: 99 Resp: 250187

Ion Ratio Lower Upper

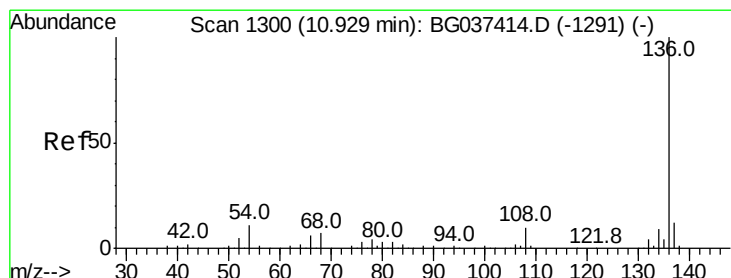
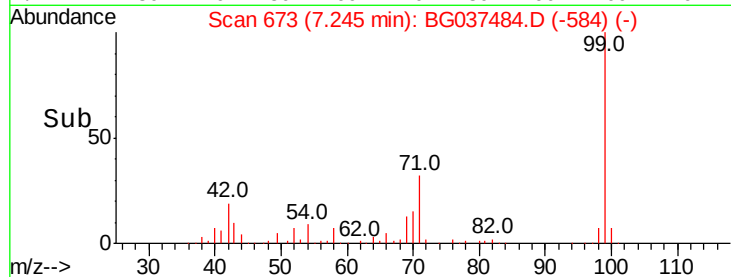
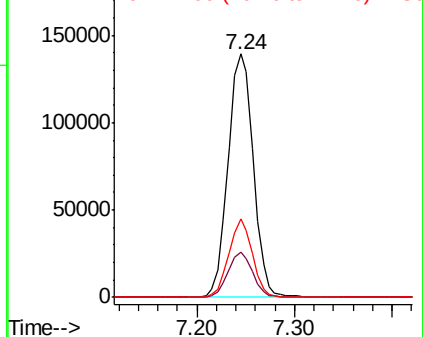
99 100

42 18.7 15.0 22.4

71 32.5 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: 10.93 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG037484.D

Acq: 23 Oct 2018 20:08

Tgt Ion: 136 Resp: 303356

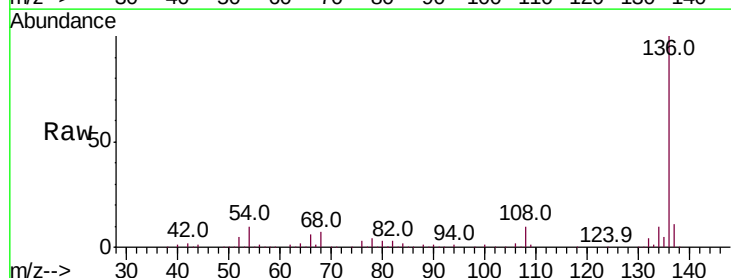
Ion Ratio Lower Upper

136 100

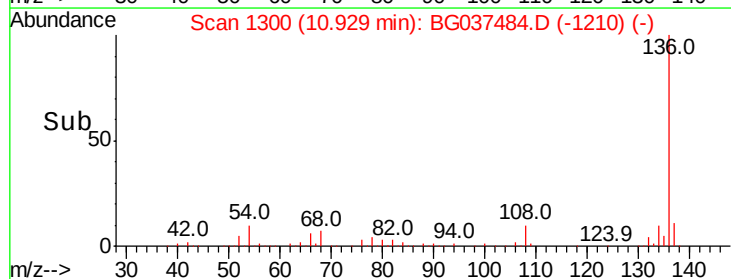
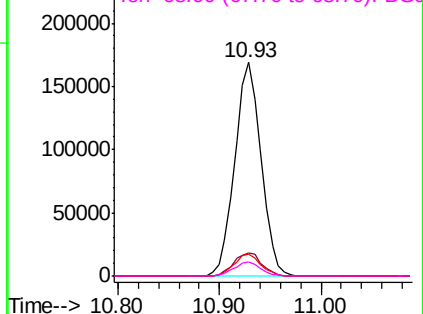
137 10.9 9.6 14.4

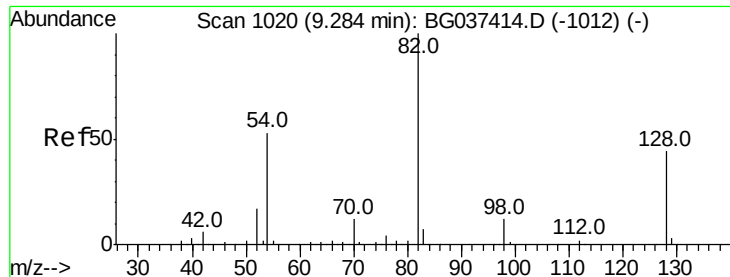
54 10.5 7.9 11.9

68 6.8 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: 80.048 ng

RT: 9.28 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BG037484.D

Acq: 23 Oct 2018 20:08

Instrument :

BNA_G

ClientSampleId :

PA-SW-01

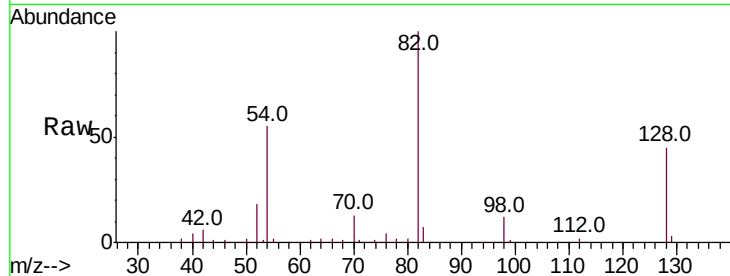
Tot Ion: 82 Resp: 433479

Ion Ratio Lower Upper

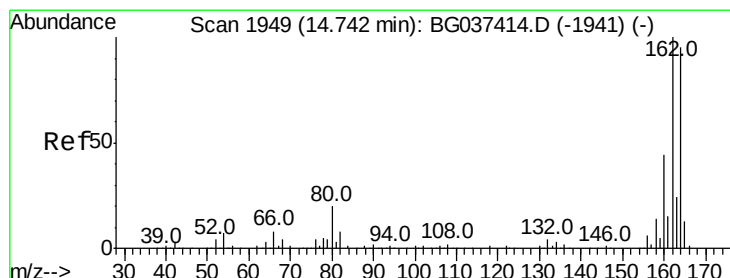
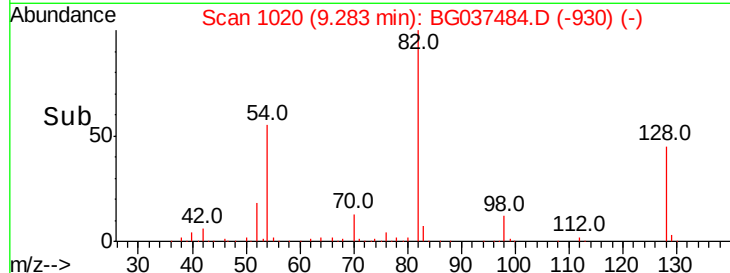
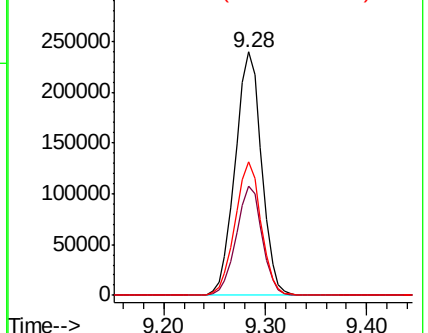
82 100

128 44.8 34.6 51.8

54 55.0 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: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037484.D

Acq: 23 Oct 2018 20:08

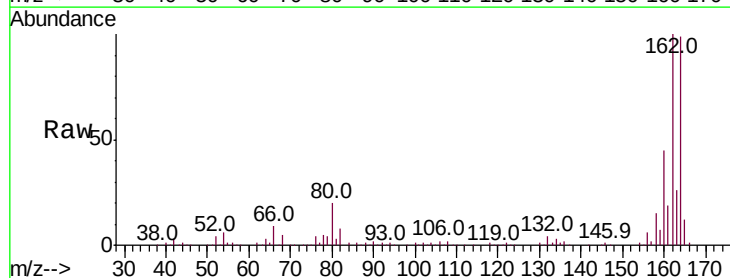
Tgt Ion: 164 Resp: 203699

Ion Ratio Lower Upper

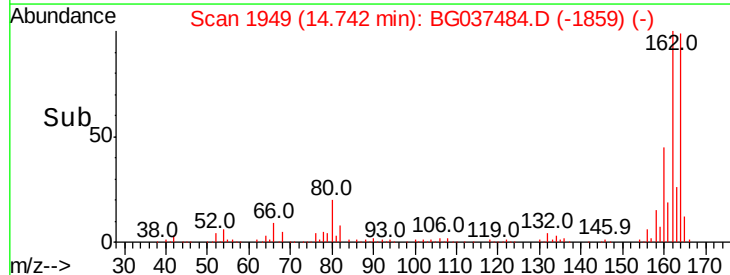
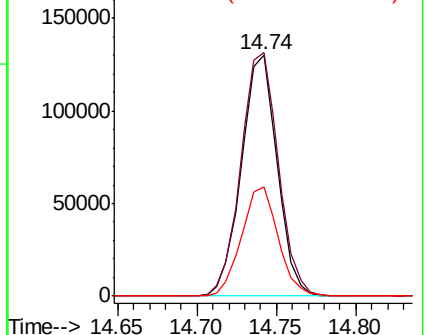
164 100

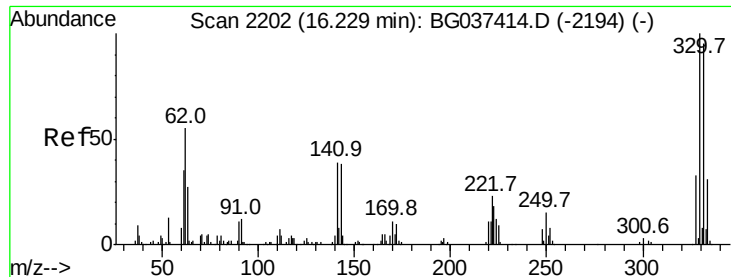
162 100.9 81.3 121.9

160 45.2 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

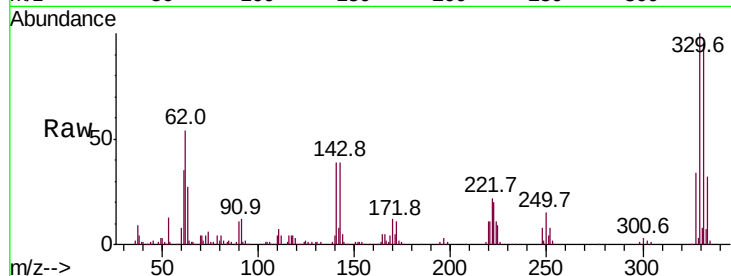




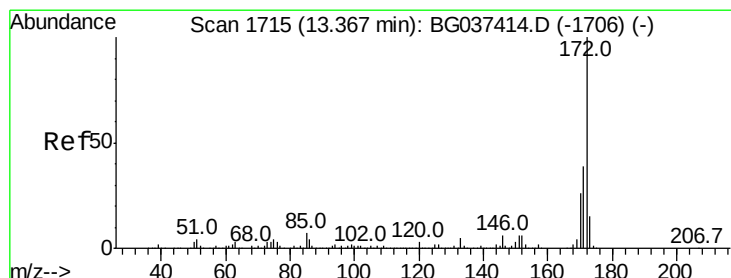
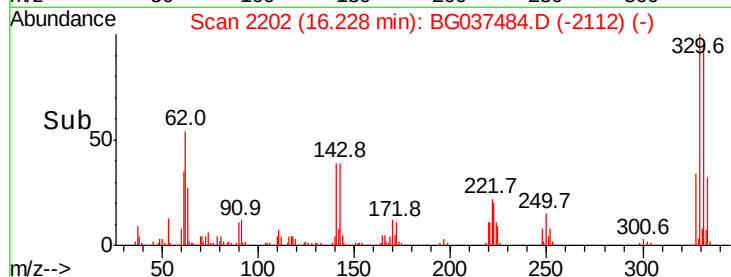
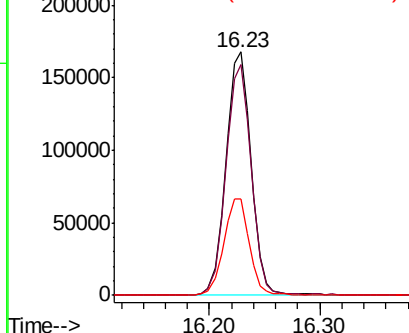
#42
 2,4,6-Tribromophenol
 Concen: 120.721 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG037484.D
 Acq: 23 Oct 2018 20:08

Instrument :
 BNA_G
 ClientSampleId :
 PA-SW-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.4	117.6
141	40.2	32.2	48.2

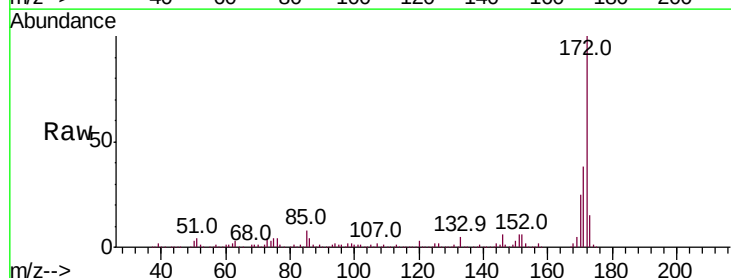


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

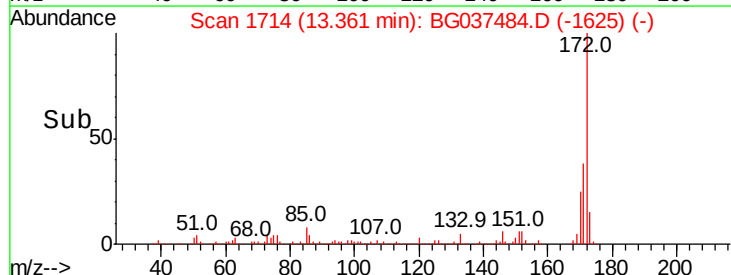
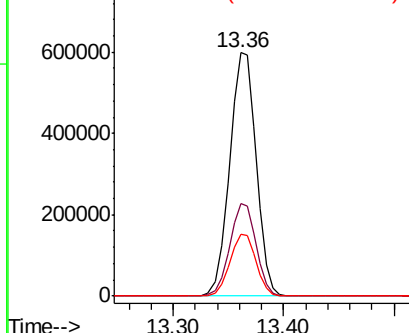


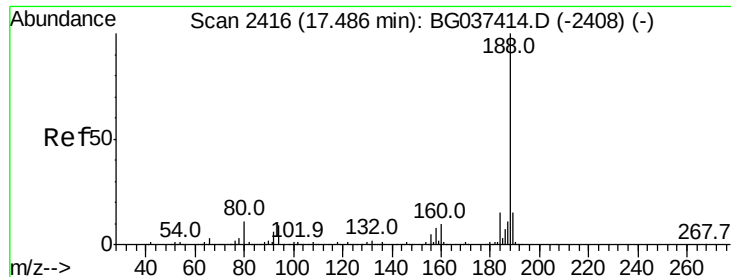
#45
 2-Fluorobiphenyl
 Concen: 74.635 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037484.D
 Acq: 23 Oct 2018 20:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.0	46.4
170	25.4	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

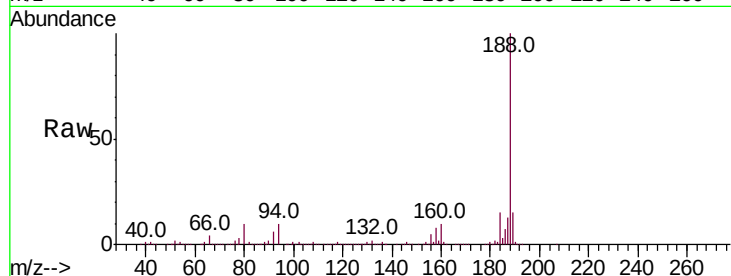




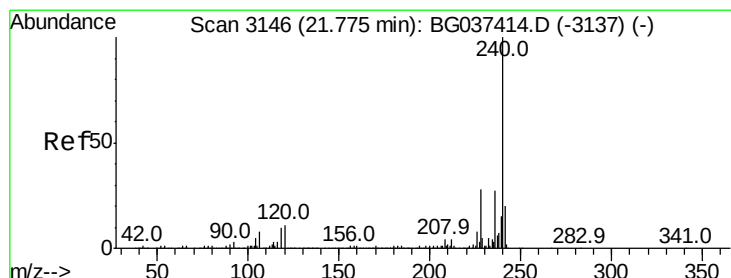
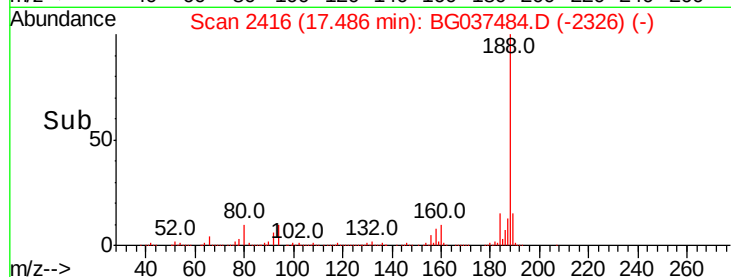
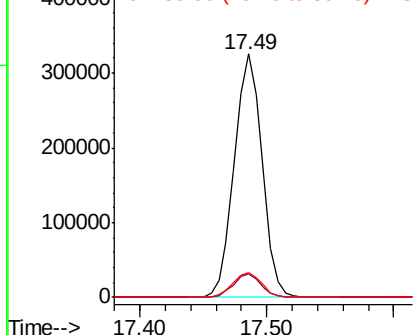
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037484.D
Acq: 23 Oct 2018 20:08

Instrument :
BNA_G
ClientSampleId :
PA-SW-01

Tot Ion:188 Resp: 493097
Ion Ratio Lower Upper
188 100
94 9.6 7.2 10.8
80 10.3 7.7 11.5

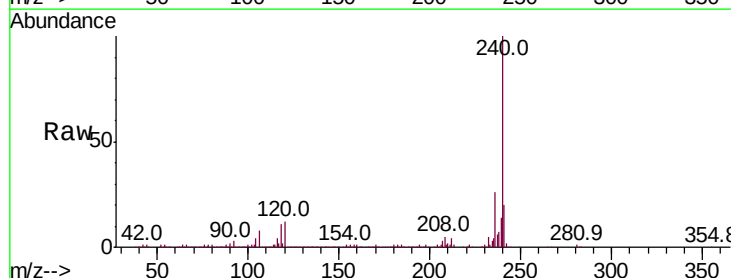


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

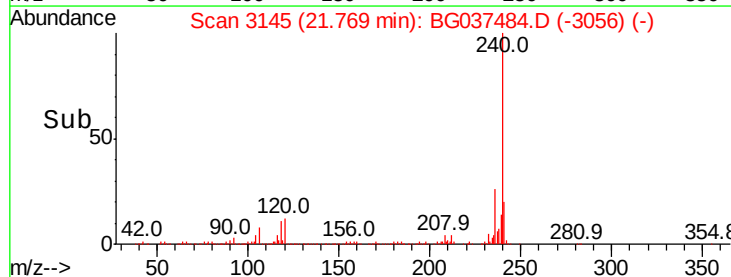
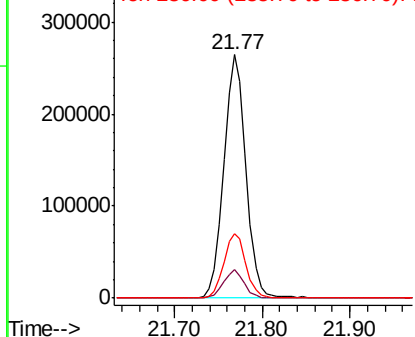


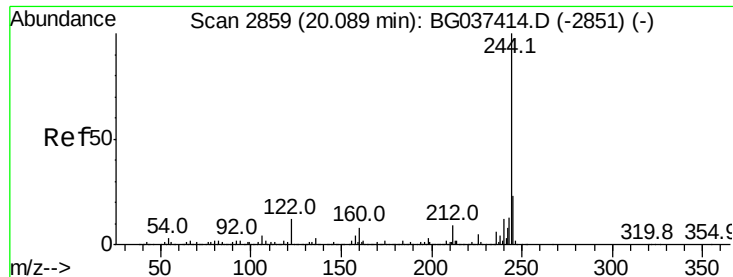
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037484.D
Acq: 23 Oct 2018 20:08

Tgt Ion:240 Resp: 457990
Ion Ratio Lower Upper
240 100
120 11.5 8.1 12.1
236 26.4 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: 71.509 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037484.D

Acq: 23 Oct 2018 20:08

Instrument :

BNA_G

ClientSampled :

PA-SW-01

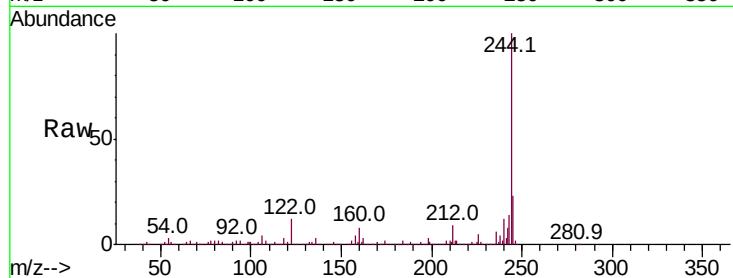
Tot Ion:244 Resp: 1532709

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.5	9.7
122	11.9	9.0	13.4

244 100

212 8.7 6.5 9.7

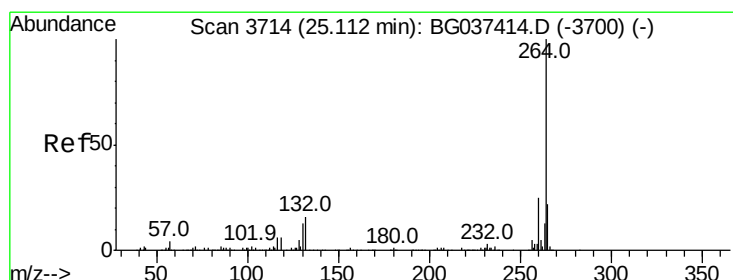
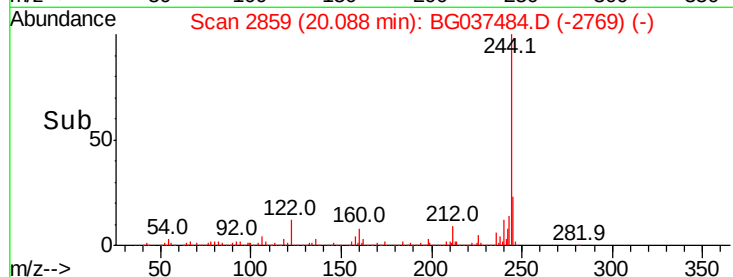
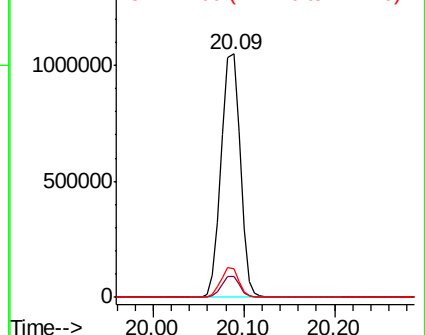
122 11.9 9.0 13.4



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: 25.11 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037484.D

Acq: 23 Oct 2018 20:08

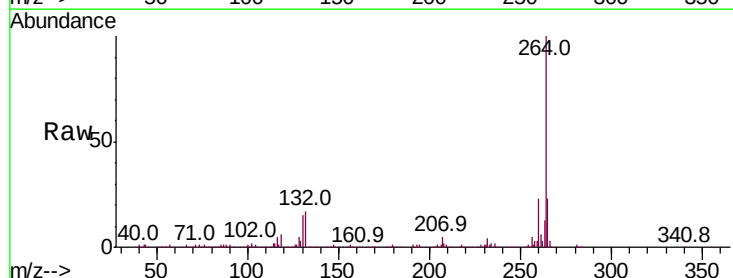
Tgt Ion:264 Resp: 457361

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	22.6	17.9	26.9

264 100

260 23.5 18.2 27.4

265 22.6 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

