

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102418\
 Data File : BG037527.D
 Acq On : 25 Oct 2018 1:21
 Operator : JU/SJ
 Sample : J5642-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044

Quant Time: Oct 25 08:25:32 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	57707	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	249801	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	164591	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	388826	20.00	ng	0.00
76) Chrysene-d12	21.76	240	355551	20.00	ng	-0.01
87) Perylene-d12	25.10	264	323458	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	413898	119.91	ng	0.00
7) Phenol-d6	7.25	99	535305	102.56	ng	0.00
23) Nitrobenzene-d5	9.28	82	383976	86.11	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	195365	108.83	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	905284	82.94	ng	0.00
79) Terphenyl-d14	20.08	244	1384927	83.23	ng	0.00

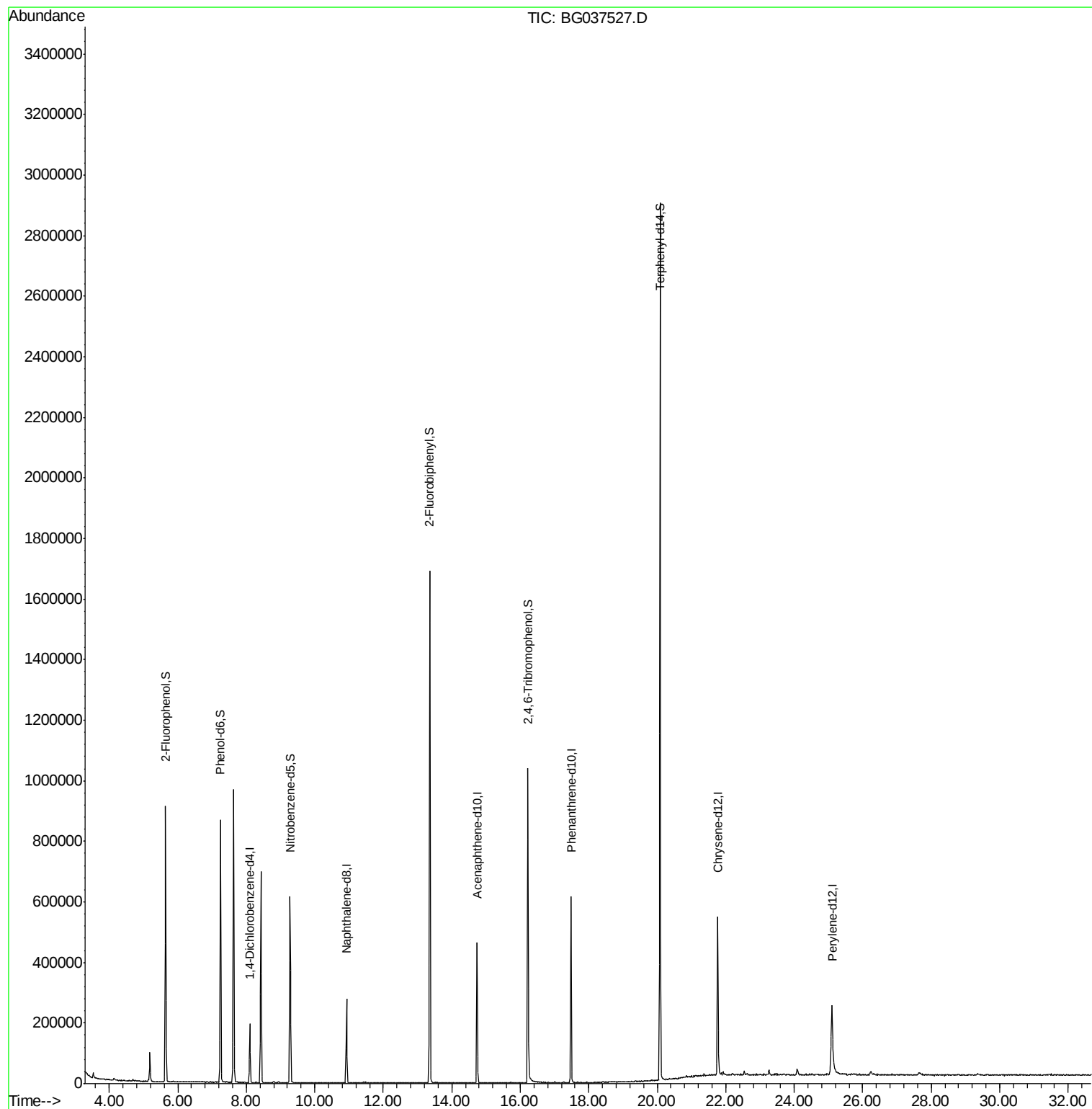
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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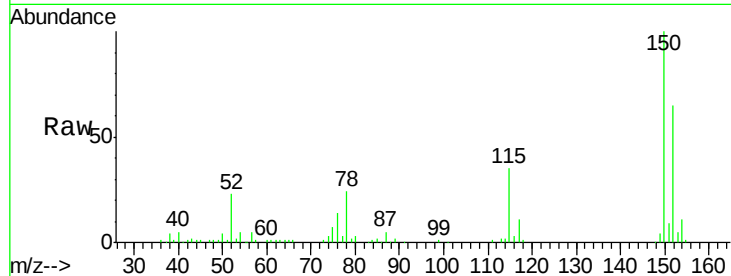


#1

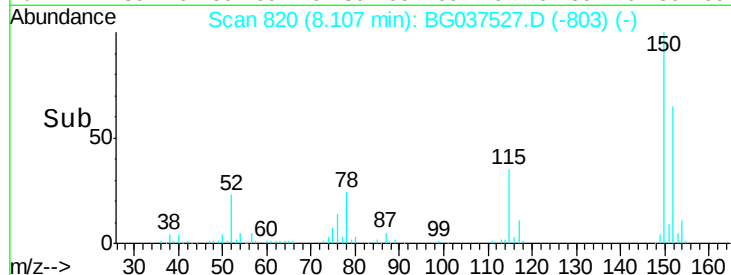
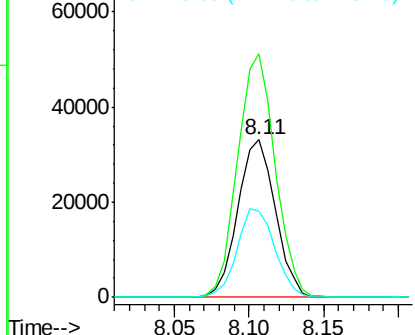
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037527.D
Acq: 25 Oct 2018 1:21

Instrument :
BNA_G
ClientSampleId :
RBR200044

Tgt Ion:152 Resp: 57707
Ion Ratio Lower Upper
152 100
150 154.6 126.0 189.0
115 54.6 45.5 68.3



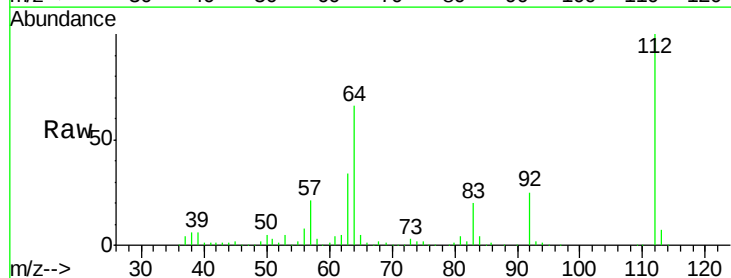
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



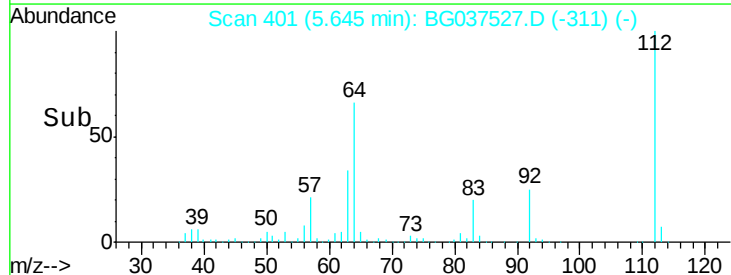
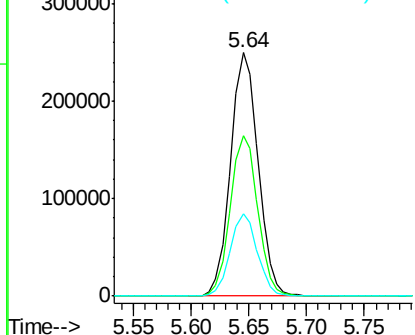
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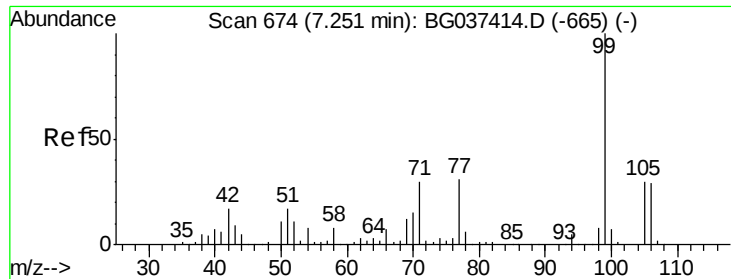
2-Fluorophenol
Concen: 119.912 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037527.D
Acq: 25 Oct 2018 1:21

Tgt Ion:112 Resp: 413898
Ion Ratio Lower Upper
112 100
64 66.1 53.1 79.7
63 33.6 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: 102.561 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037527.D

Acq: 25 Oct 2018 1:21

Instrument :

BNA_G

ClientSampleId :

RBR200044

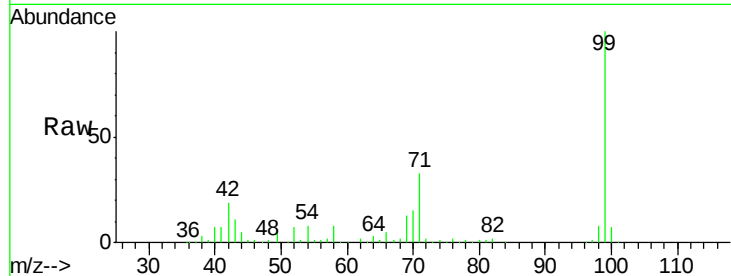
Tgt Ion: 99 Resp: 535305

Ion Ratio Lower Upper

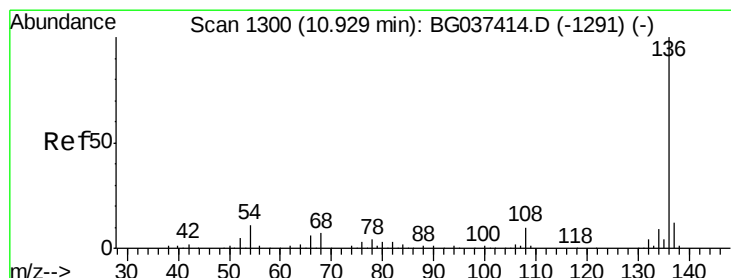
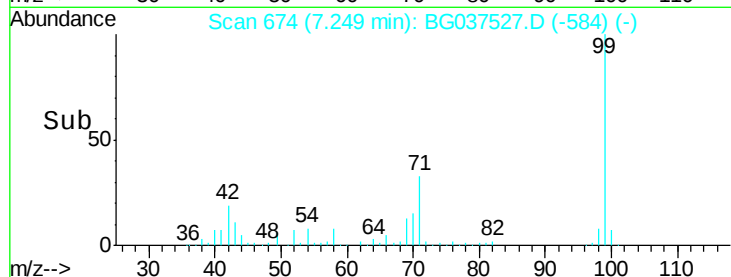
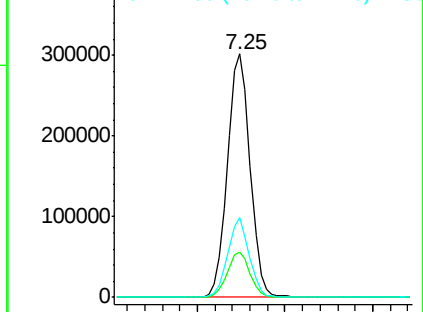
99 100

42 18.8 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: BG037527.D

Acq: 25 Oct 2018 1:21

Tgt Ion: 136 Resp: 249801

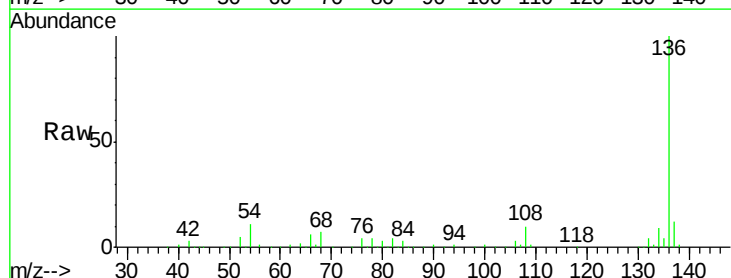
Ion Ratio Lower Upper

136 100

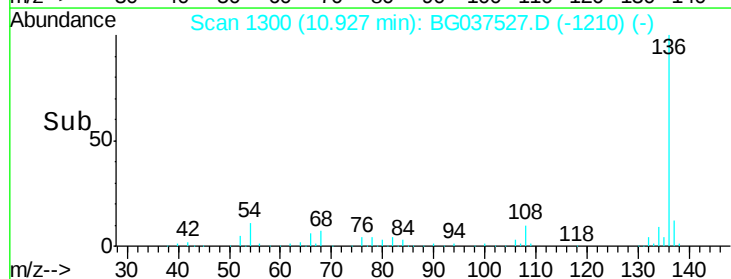
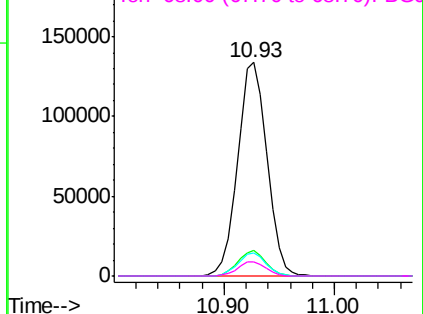
137 11.8 9.6 14.4

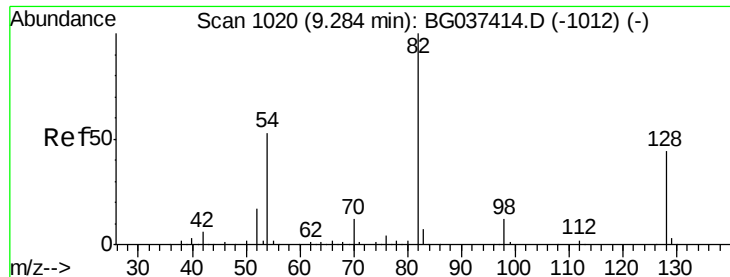
54 10.5 7.9 11.9

68 6.6 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

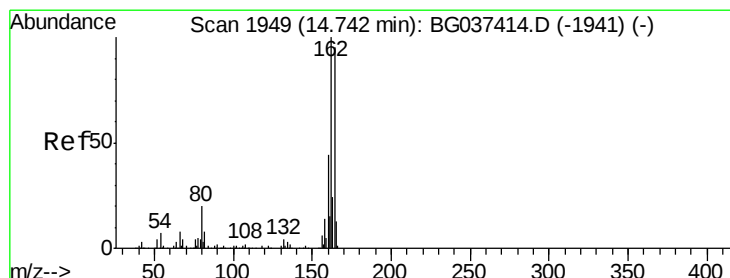
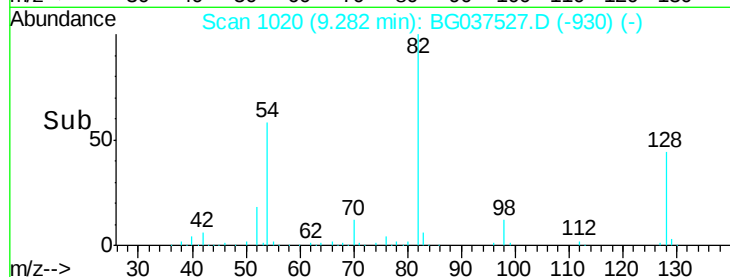
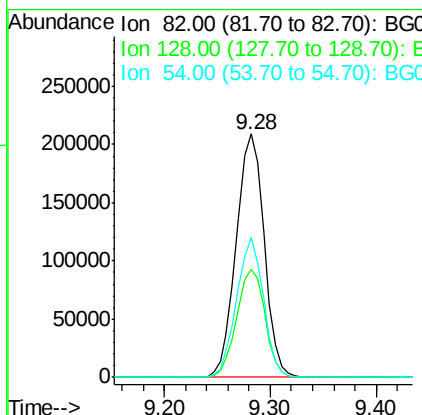
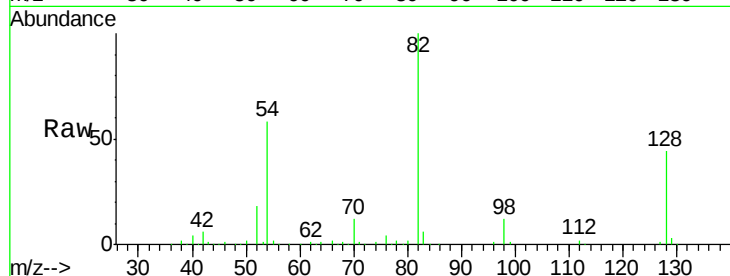




#23
 Nitrobenzene-d5
 Concen: 86.108 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037527.D
 Acq: 25 Oct 2018 1:21

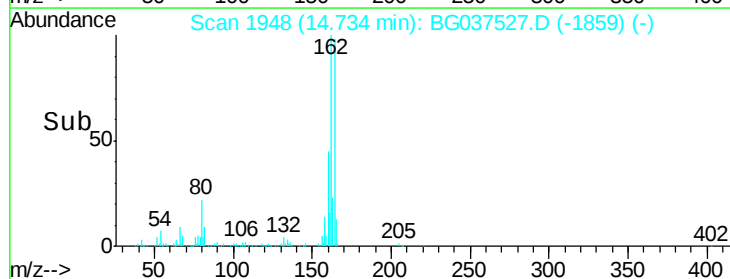
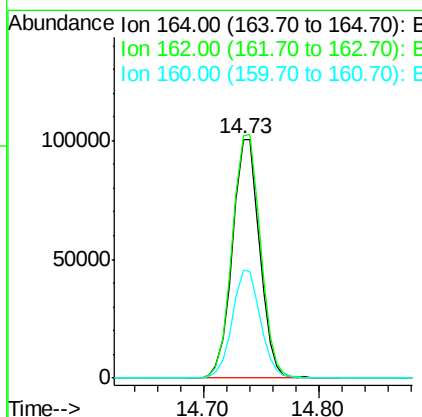
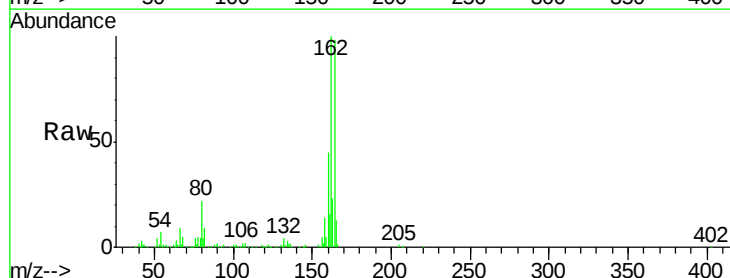
Instrument :
 BNA_G
 ClientSampleId :
 RBR200044

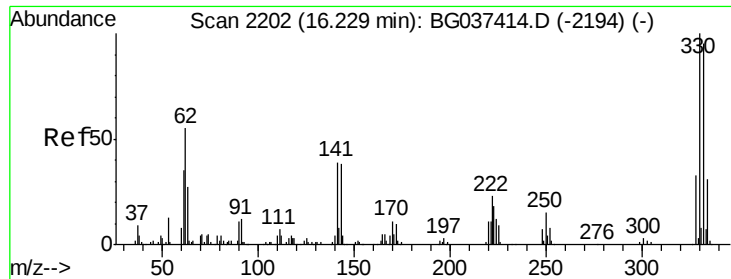
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	51.8
54	57.6	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037527.D
 Acq: 25 Oct 2018 1:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.3	121.9
160	45.3	36.3	54.5

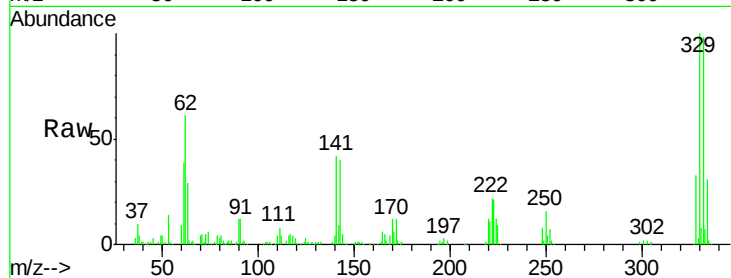




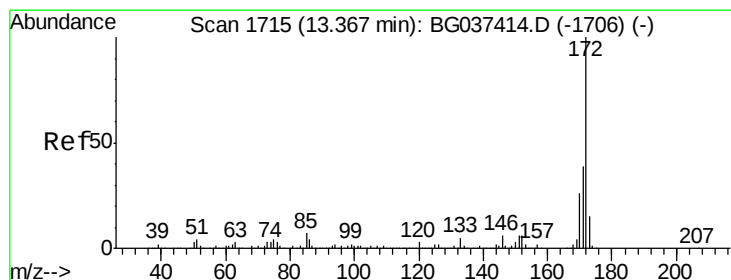
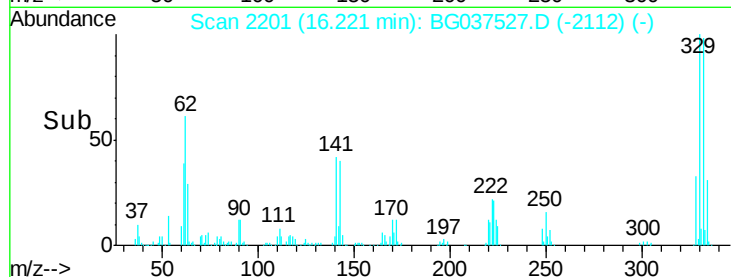
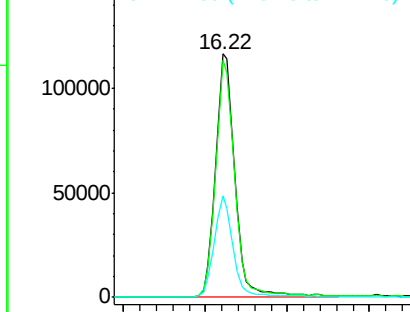
#42
 2,4,6-Tribromophenol
 Concen: 108.828 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037527.D
 Acq: 25 Oct 2018 1:21

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044

Tgt Ion:330 Resp: 195365
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.4 117.6
 141 39.7 32.2 48.2

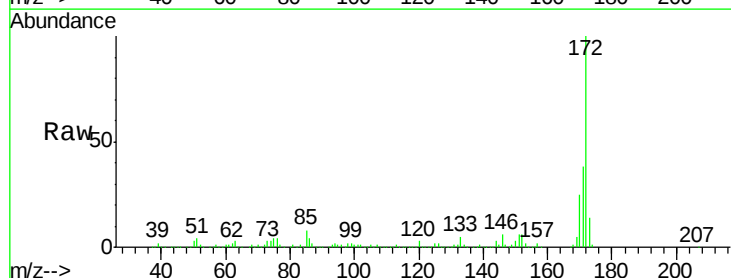


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

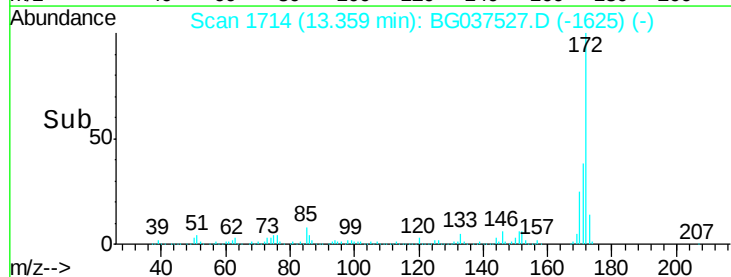
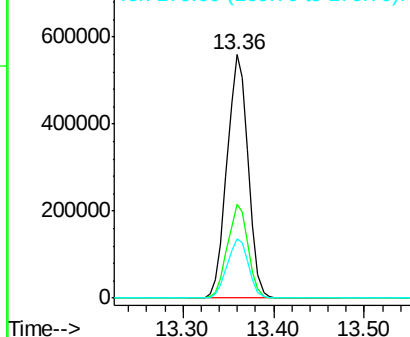


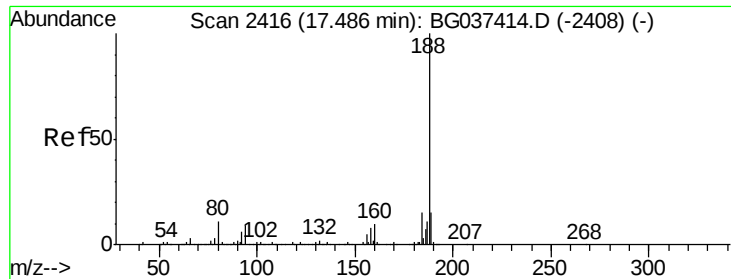
#45
 2-Fluorobiphenyl
 Concen: 82.940 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037527.D
 Acq: 25 Oct 2018 1:21

Tgt Ion:172 Resp: 905284
 Ion Ratio Lower Upper
 172 100
 171 38.4 31.0 46.4
 170 24.6 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

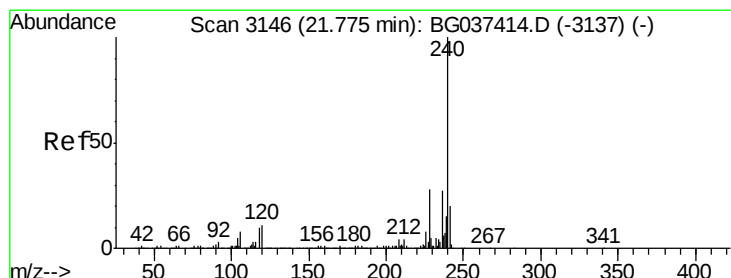
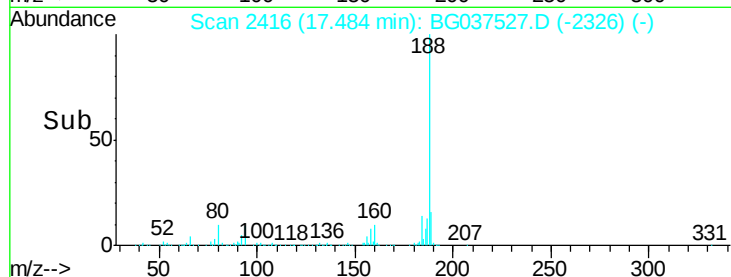
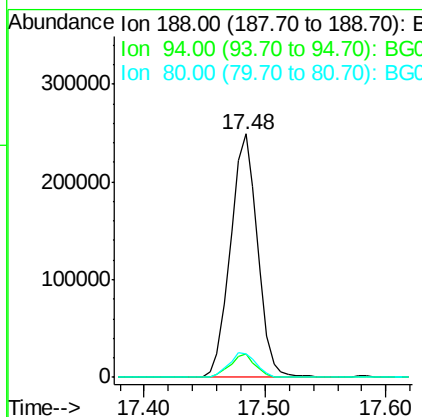
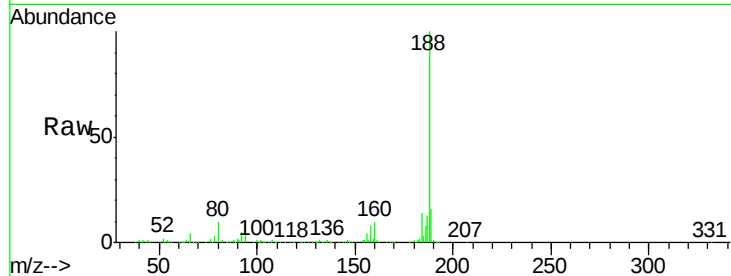




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037527.D
Acq: 25 Oct 2018 1:21

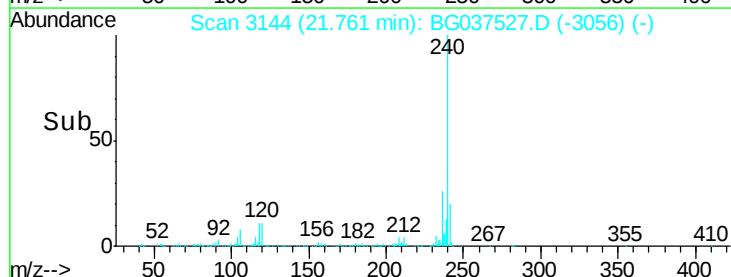
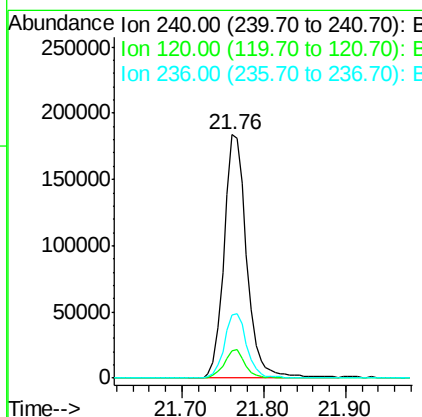
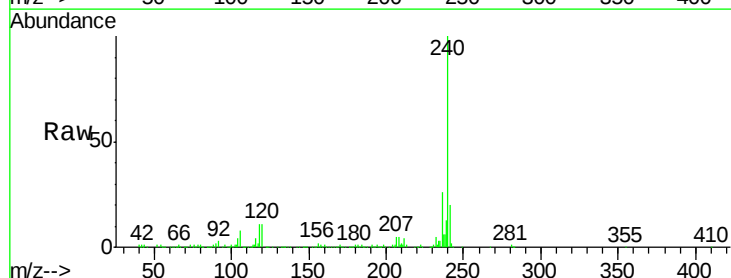
Instrument :
BNA_G
ClientSampleId :
RBR200044

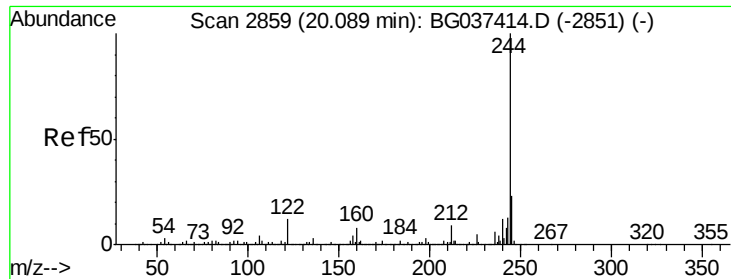
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	9.7	7.7	11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037527.D
Acq: 25 Oct 2018 1:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.1	12.1
236	25.7	21.4	32.0





#79

Terphenyl-d14

Concen: 83.230 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037527.D

Acq: 25 Oct 2018 1:21

Instrument :

BNA_G

ClientSampleId :

RBR200044

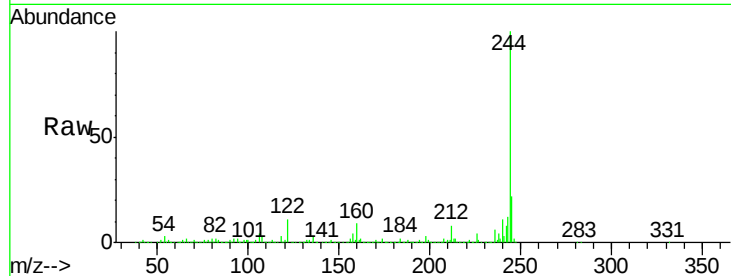
Tgt Ion:244 Resp: 1384927

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

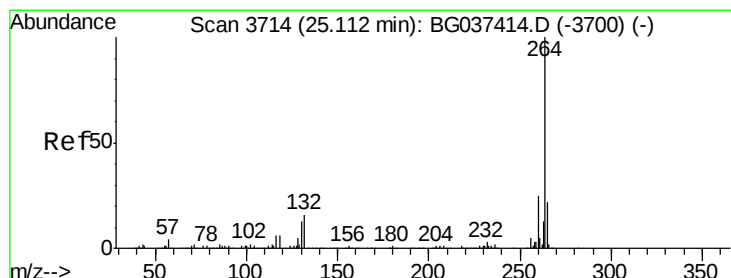
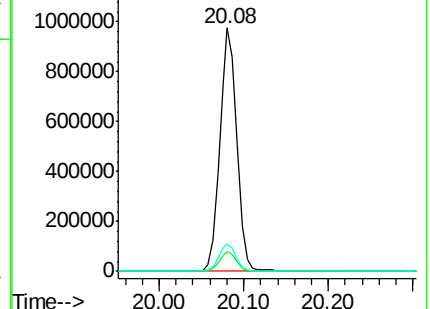
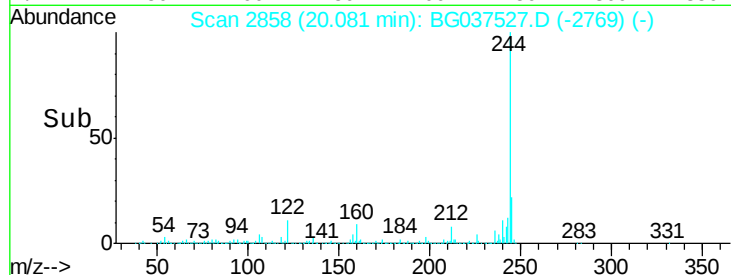
122 11.4 9.0 13.4



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: BG037527.D

Acq: 25 Oct 2018 1:21

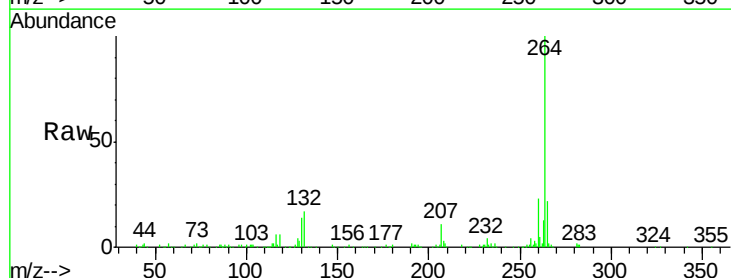
Tgt Ion:264 Resp: 323458

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 21.6 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

