

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102418\
Data File : BG037540.D
Acq On : 25 Oct 2018 10:28
Operator : JU/SJ
Sample : PB114136BL
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB114136BL

Quant Time: Oct 25 12:06:04 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	51261	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	216660	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	147289	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	369430	20.00	ng	0.00
76) Chrysene-d12	21.77	240	346859	20.00	ng	0.00
87) Perylene-d12	25.10	264	311232	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	284001	92.63	ng	0.00
7) Phenol-d6	7.24	99	406307	87.64	ng	0.00
23) Nitrobenzene-d5	9.28	82	343871	88.91	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	136804	85.16	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	853762	87.41	ng	0.00
79) Terphenyl-d14	20.08	244	1359974	83.78	ng	0.00

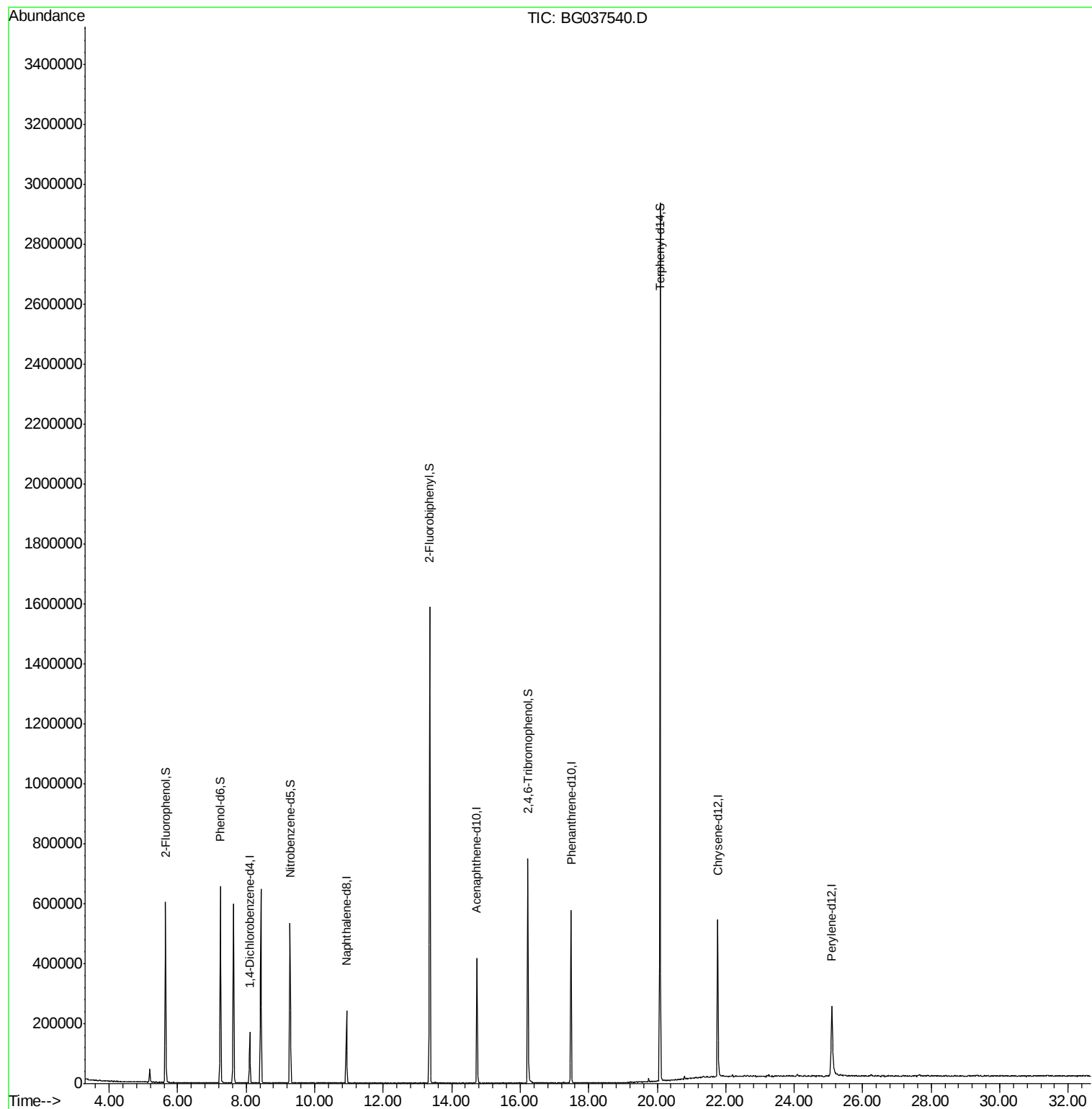
Target Compounds	Qvalue
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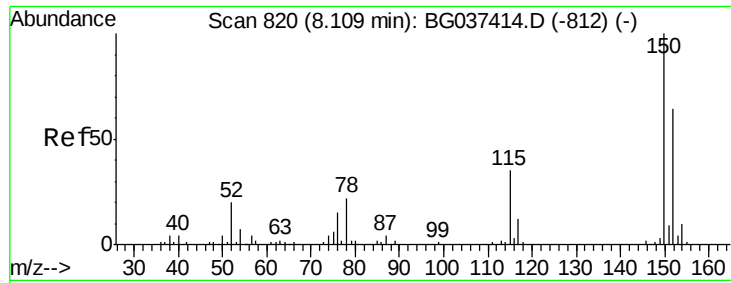
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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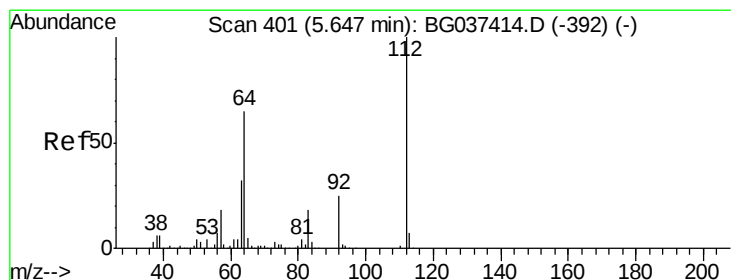
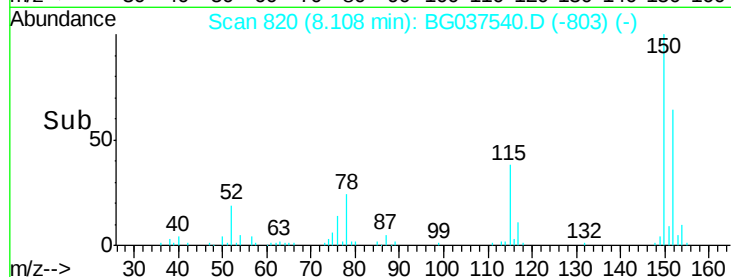
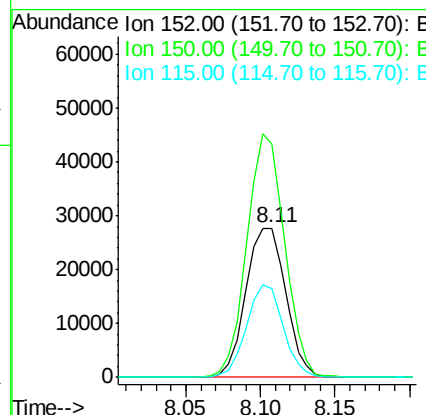
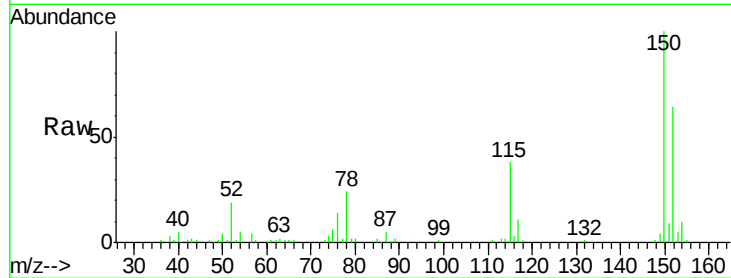




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG037540.D
 Acq: 25 Oct 2018 10:28

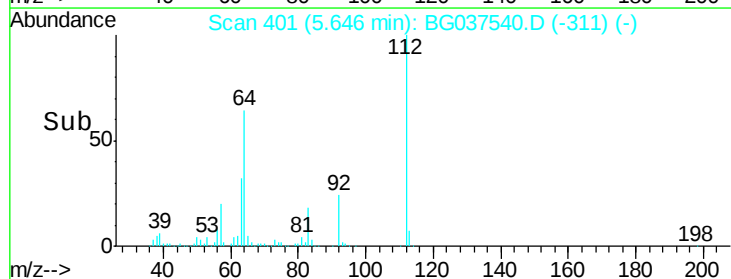
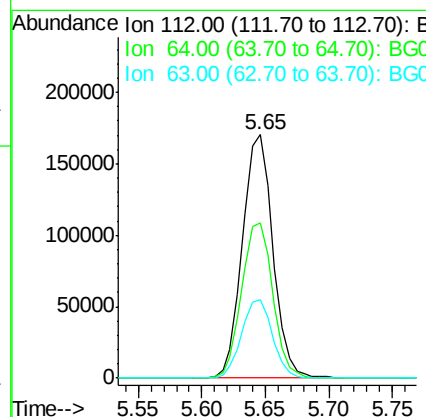
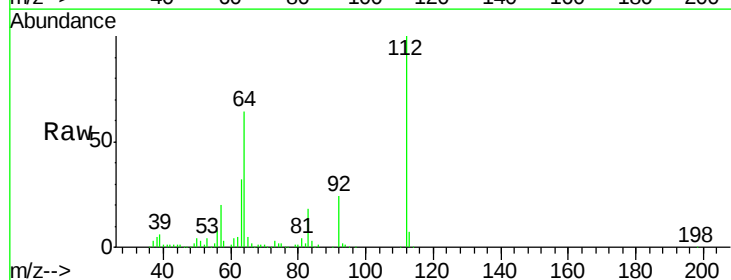
Instrument :
 BNA_G
 ClientSampleId :
 PB114136BL

Tgt Ion:152 Resp: 51261
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.0 189.0
 115 59.8 45.5 68.3



#5
 2-Fluorophenol
 Concen: 92.626 ng
 RT: 5.65 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG037540.D
 Acq: 25 Oct 2018 10:28

Tgt Ion:112 Resp: 284001
 Ion Ratio Lower Upper
 112 100
 64 63.6 53.1 79.7
 63 32.5 27.3 40.9





#7

Phenol-d6

Concen: 87.635 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037540.D

Acq: 25 Oct 2018 10:28

Instrument :

BNA_G

ClientSampleId :

PB114136BL

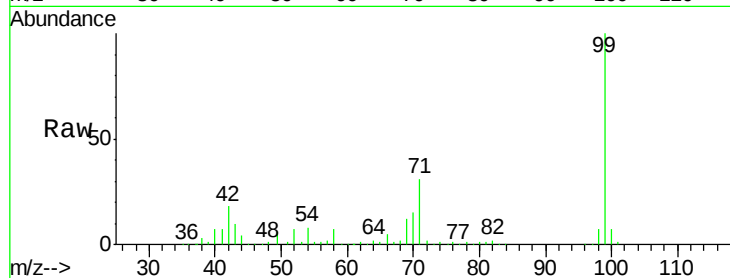
Tgt Ion: 99 Resp: 406307

Ion Ratio Lower Upper

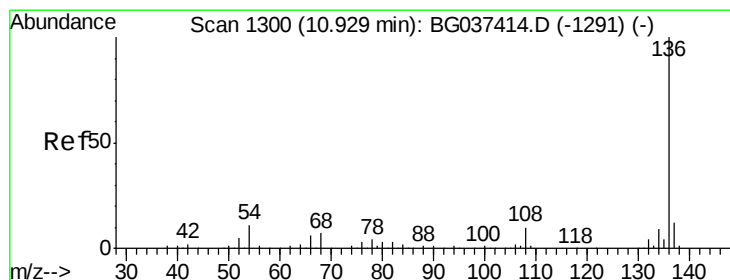
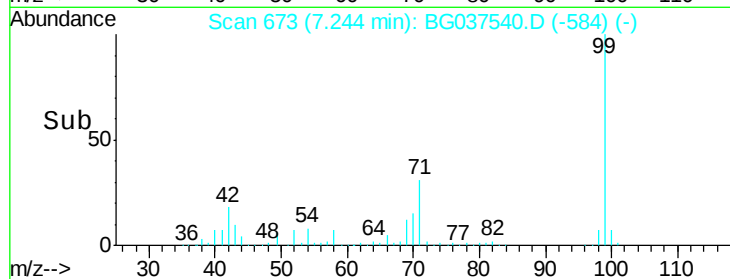
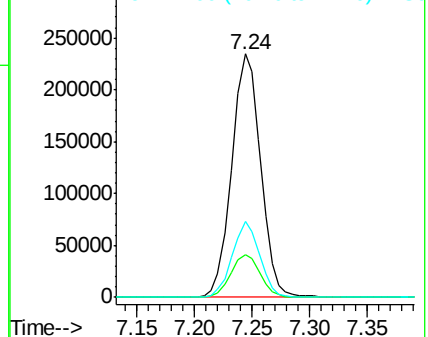
99 100

42 17.6 15.0 22.4

71 31.1 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: BG037540.D

Acq: 25 Oct 2018 10:28

Tgt Ion: 136 Resp: 216660

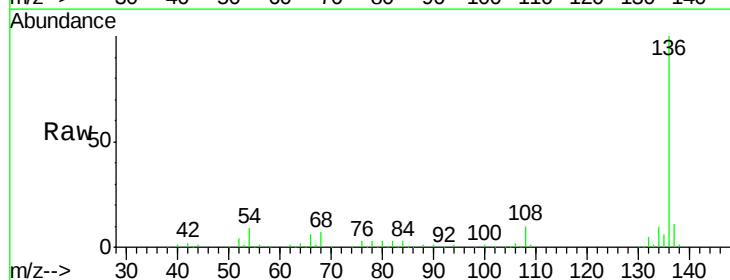
Ion Ratio Lower Upper

136 100

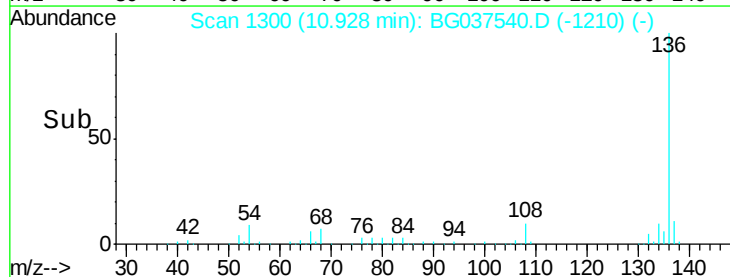
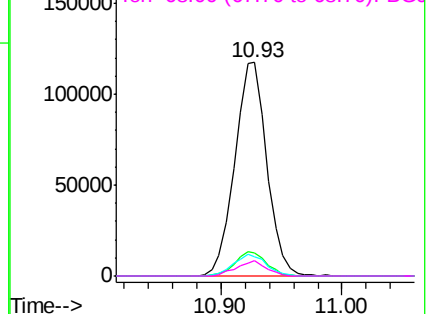
137 10.8 9.6 14.4

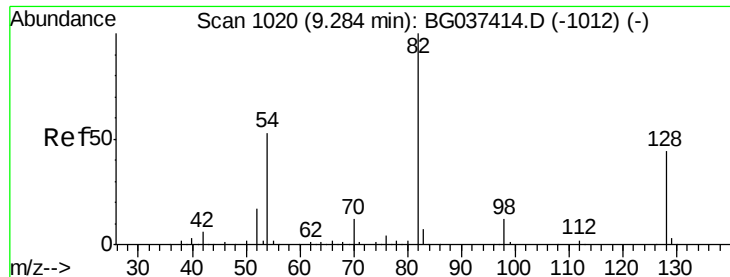
54 9.3 7.9 11.9

68 7.1 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

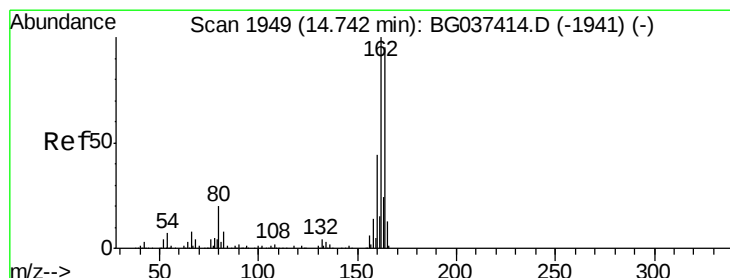
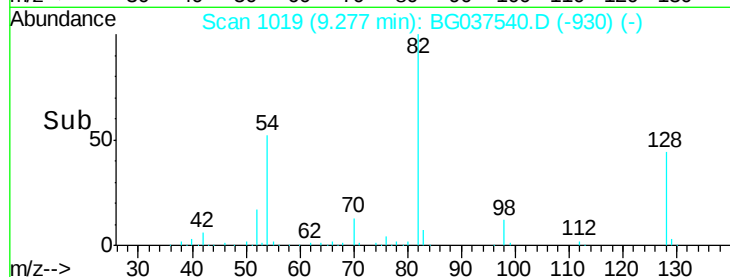
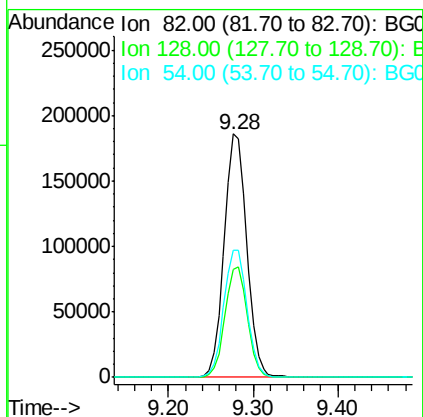
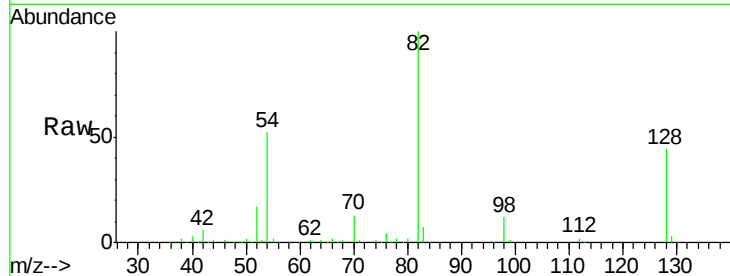




#23
 Nitrobenzene-d5
 Concen: 88.910 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037540.D
 Acq: 25 Oct 2018 10:28

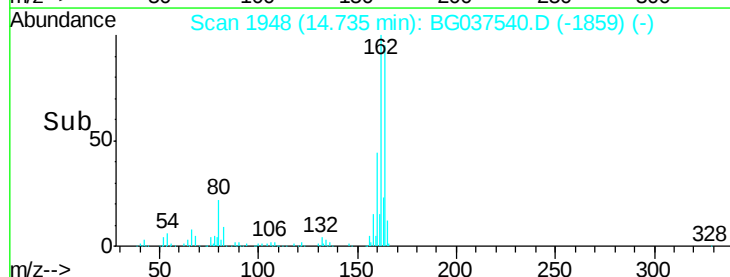
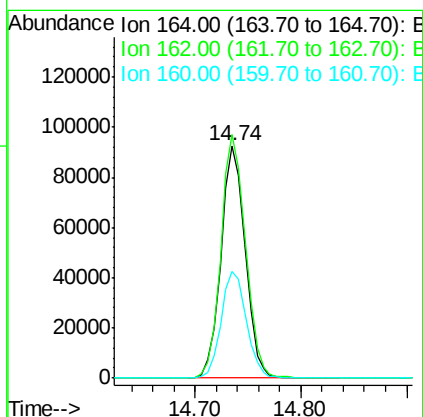
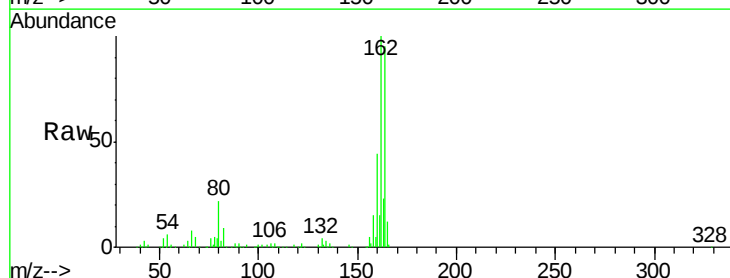
Instrument :
 BNA_G
 ClientSampleId :
 PB114136BL

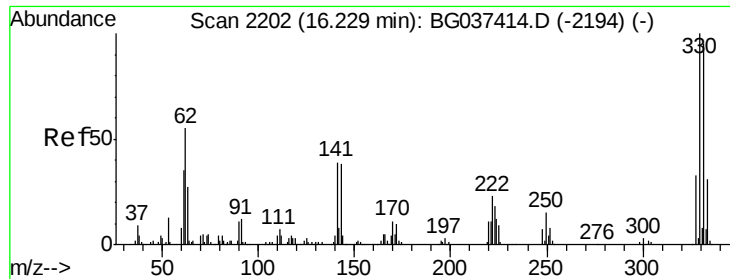
Tgt Ion: 82 Resp: 343871
 Ion Ratio Lower Upper
 82 100
 128 44.3 34.6 51.8
 54 52.0 45.3 67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037540.D
 Acq: 25 Oct 2018 10:28

Tgt Ion: 164 Resp: 147289
 Ion Ratio Lower Upper
 164 100
 162 104.8 81.3 121.9
 160 45.7 36.3 54.5

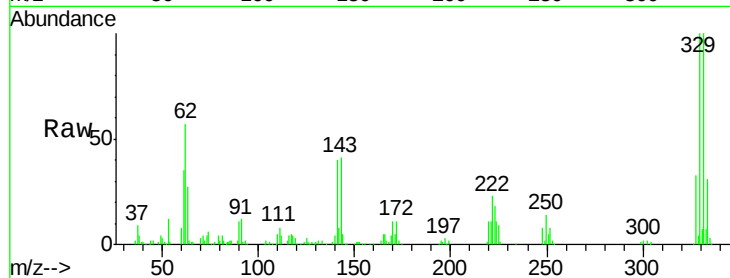




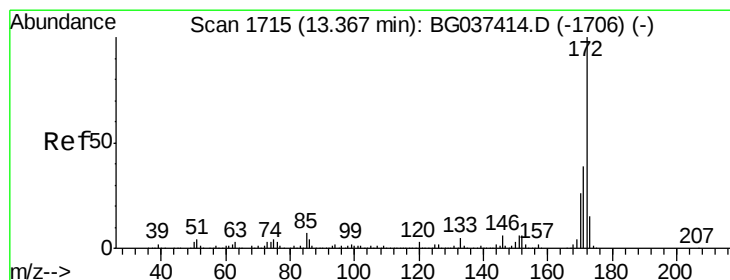
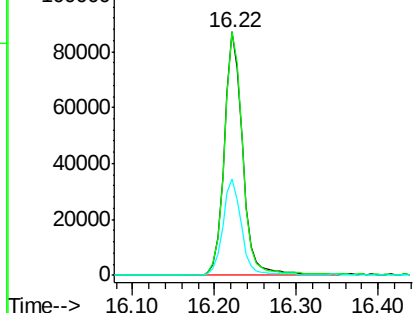
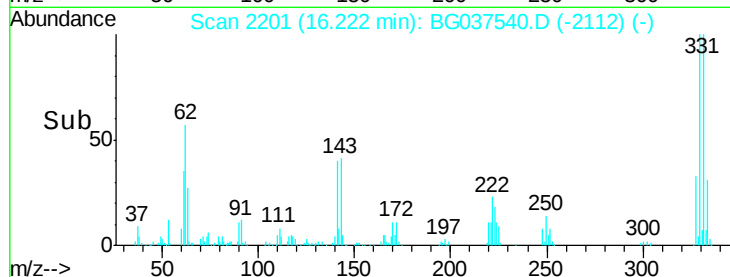
#42
 2,4,6-Tribromophenol
 Concen: 85.158 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037540.D
 Acq: 25 Oct 2018 10:28

Instrument :
 BNA_G
 ClientSampleId :
 PB114136BL

Tgt Ion:330 Resp: 136804
 Ion Ratio Lower Upper
 330 100
 332 99.0 78.4 117.6
 141 39.7 32.2 48.2

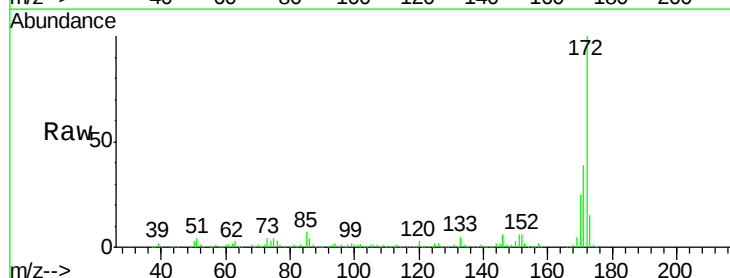


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

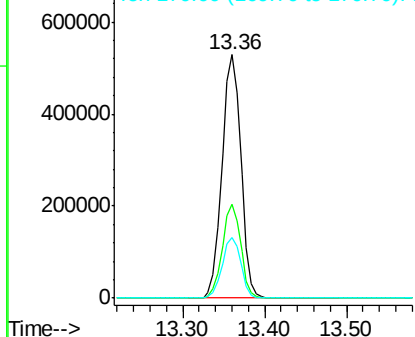
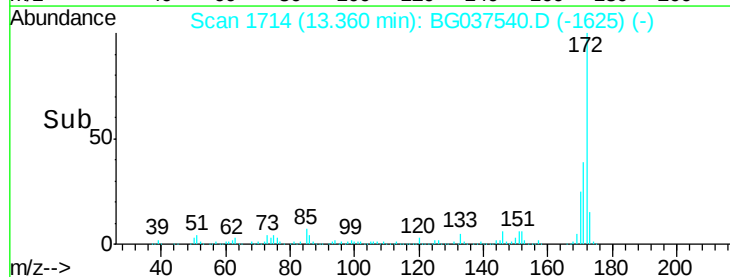


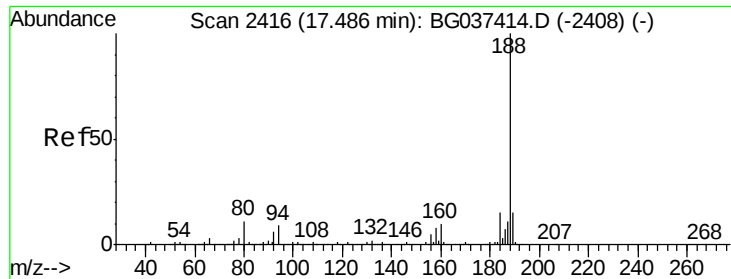
#45
 2-Fluorobiphenyl
 Concen: 87.408 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037540.D
 Acq: 25 Oct 2018 10:28

Tgt Ion:172 Resp: 853762
 Ion Ratio Lower Upper
 172 100
 171 38.5 31.0 46.4
 170 24.8 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: BG037540.D

Acq: 25 Oct 2018 10:28

Instrument :

BNA_G

ClientSampleId :

PB114136BL

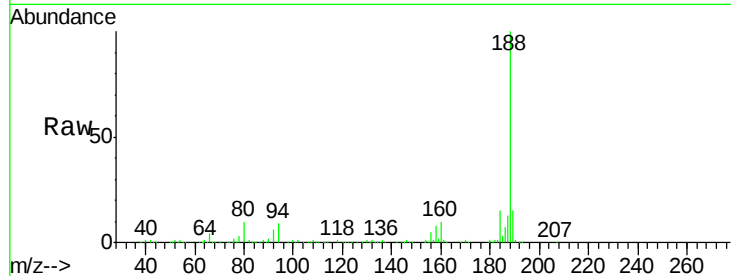
Tgt Ion:188 Resp: 369430

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

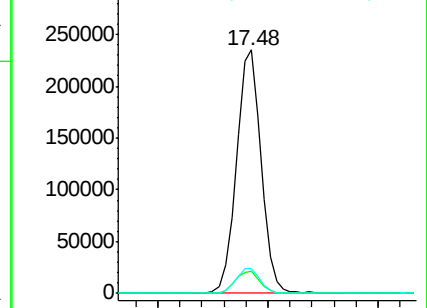
80 10.4 7.7 11.5



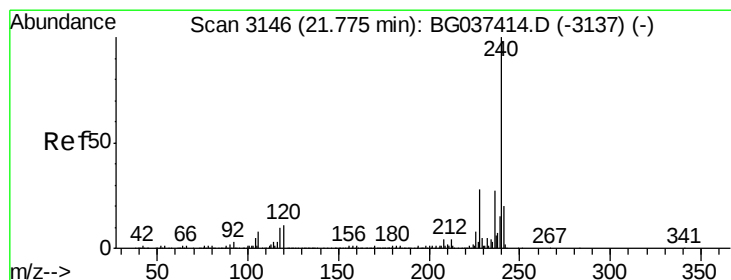
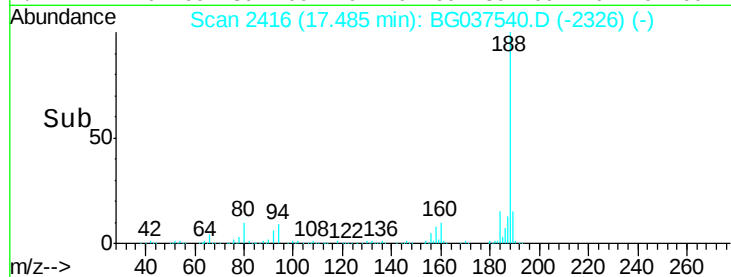
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037540.D

Acq: 25 Oct 2018 10:28

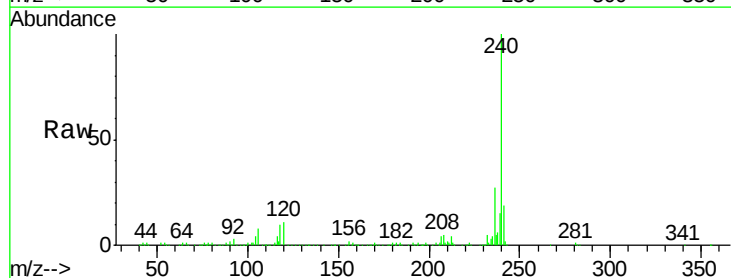
Tgt Ion:240 Resp: 346859

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

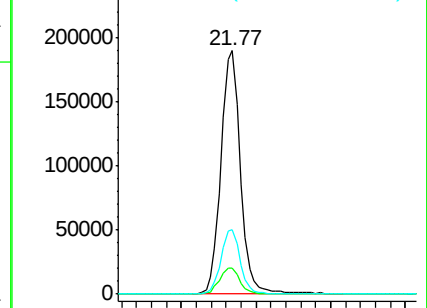
236 26.6 21.4 32.0



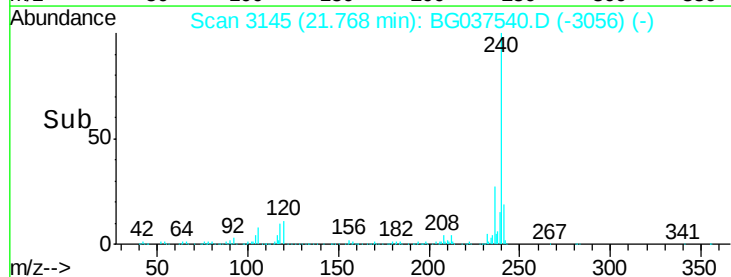
Abundance Ion 240.00 (239.70 to 240.70): E

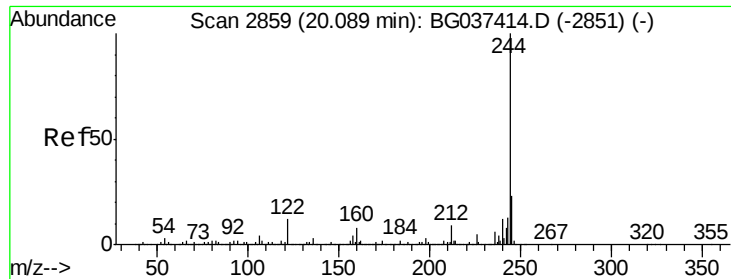
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#79

Terphenyl-d14

Concen: 83.779 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037540.D

Acq: 25 Oct 2018 10:28

Instrument :

BNA_G

ClientSampleId :

PB114136BL

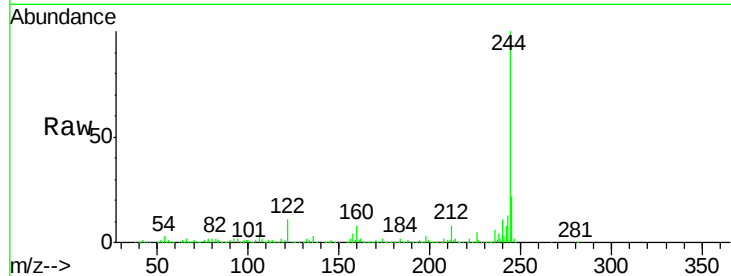
Tgt Ion:244 Resp: 1359974

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

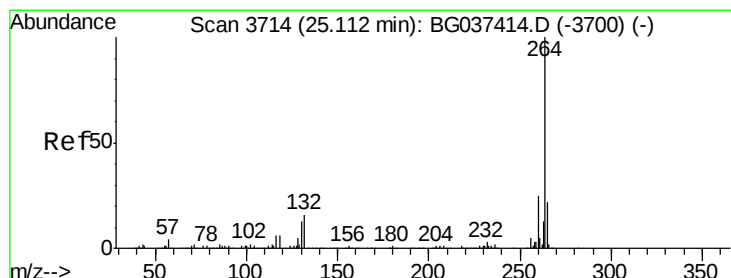
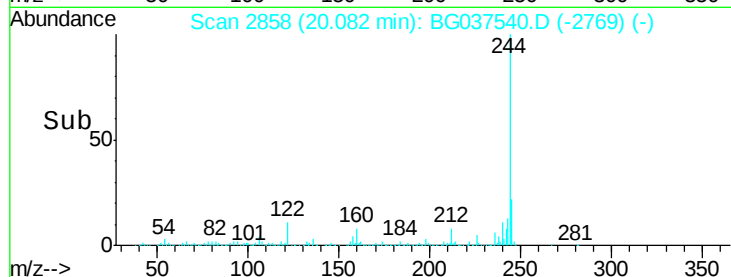
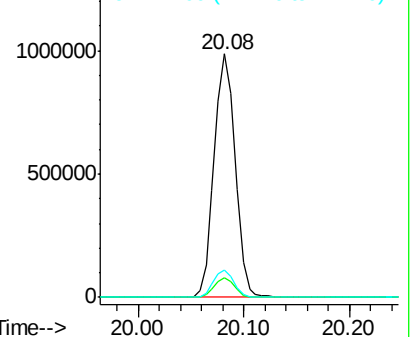
122 11.4 9.0 13.4



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# 3712

Delta R.T. -0.01 min

Lab File: BG037540.D

Acq: 25 Oct 2018 10:28

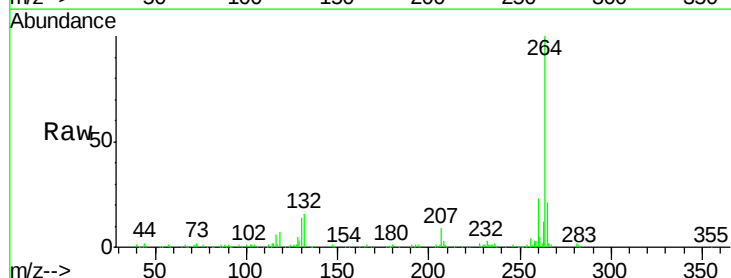
Tgt Ion:264 Resp: 311232

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

265 21.2 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

