

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
 Data File : BG037932.D
 Acq On : 9 Nov 2018 22:33
 Operator : JU/SJ
 Sample : J5884-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8A-S

Quant Time: Nov 12 07:15:07 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	56694	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	255319	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	168570	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	370765	20.00	ng	0.00
76) Chrysene-d12	21.76	240	315812	20.00	ng	-0.02
87) Perylene-d12	25.09	264	226835	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	368466	108.66	ng	0.00
7) Phenol-d6	7.24	99	477912	93.20	ng	0.00
23) Nitrobenzene-d5	9.27	82	366333	80.38	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	184341	100.26	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	826985	73.98	ng	-0.02
79) Terphenyl-d14	20.07	244	1285195	86.96	ng	-0.02

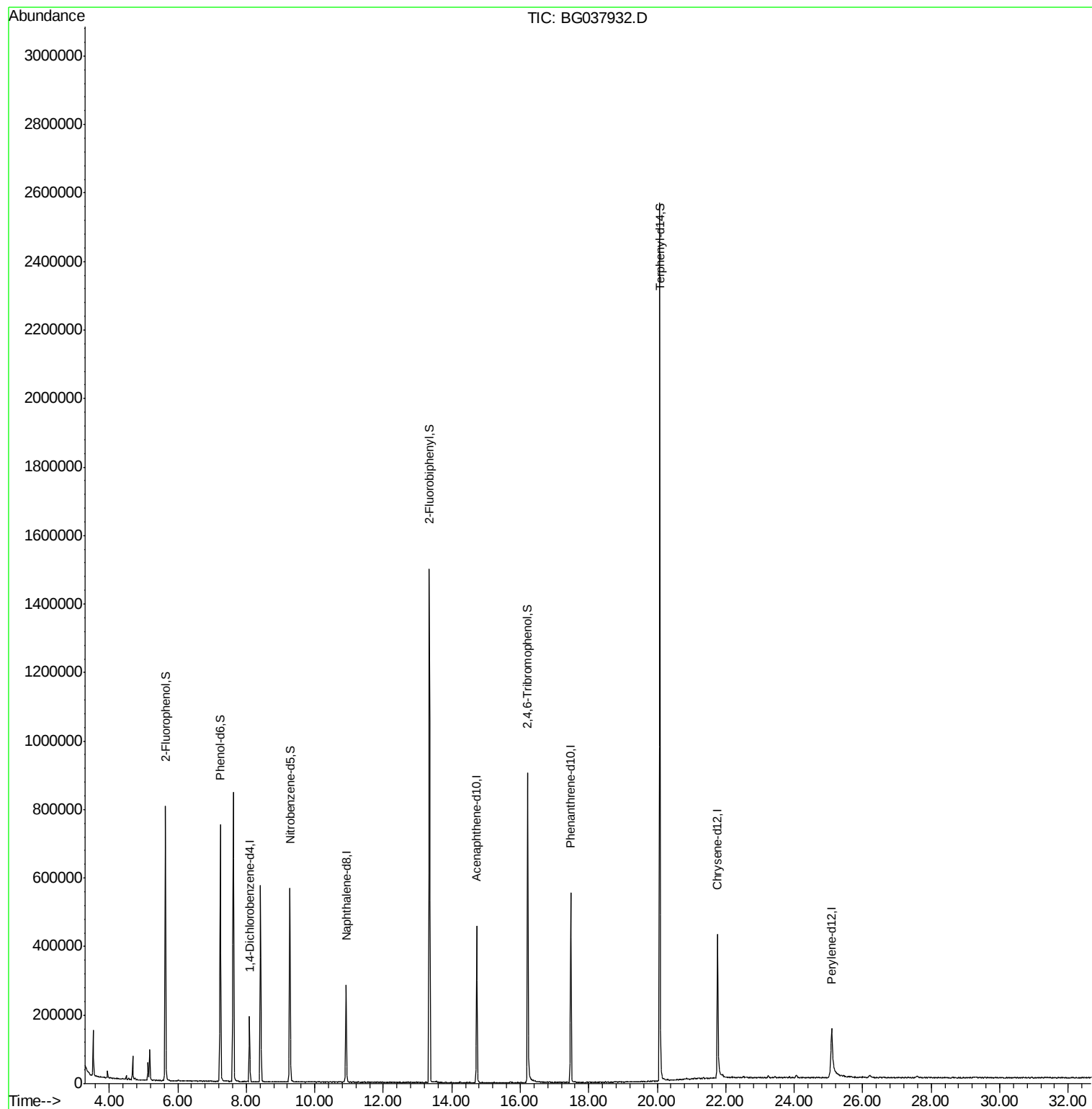
Target Compounds Qvalue

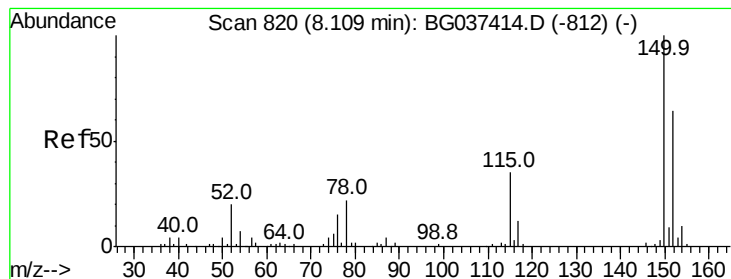
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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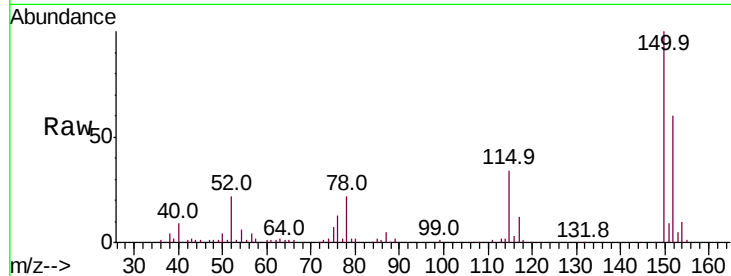


#1

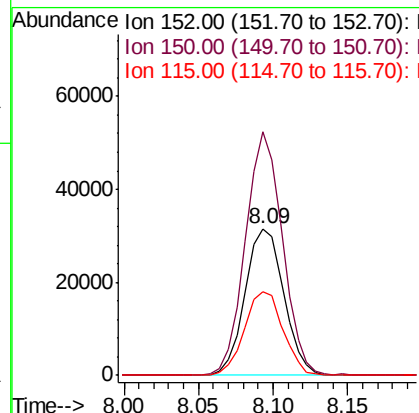
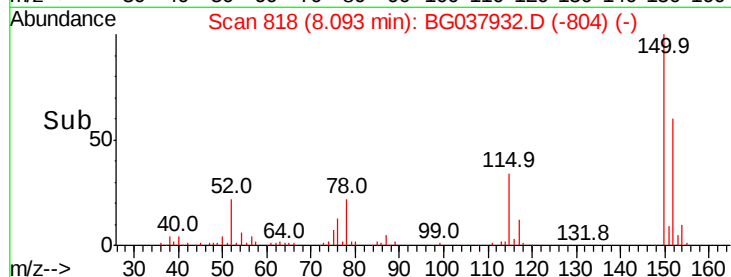
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037932.D
Acq: 9 Nov 2018 22:33

Instrument :
BNA_G
ClientSampleId :
TP-8A-S

Tot Ion:152 Resp: 56694
Ion Ratio Lower Upper
152 100
150 166.2 126.0 189.0
115 57.1 45.5 68.3



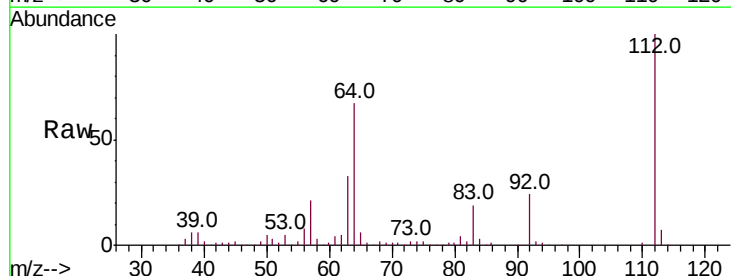
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



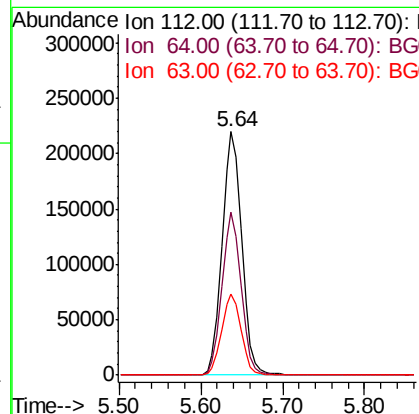
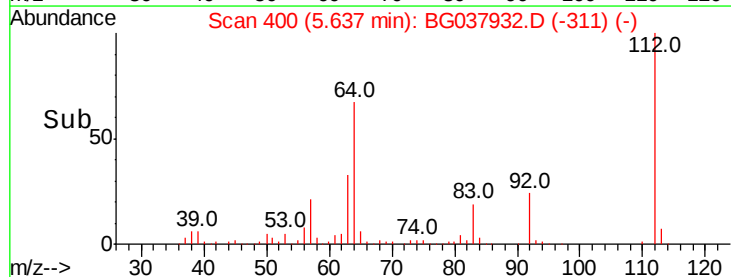
#5

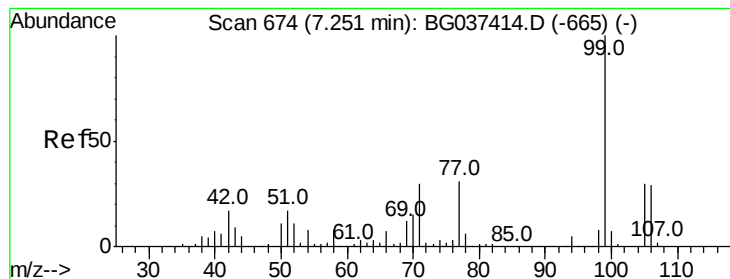
2-Fluorophenol
Concen: 108.657 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037932.D
Acq: 9 Nov 2018 22:33

Tgt Ion:112 Resp: 368466
Ion Ratio Lower Upper
112 100
64 67.1 53.1 79.7
63 33.3 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: 93.201 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037932.D

Acq: 9 Nov 2018 22:33

Instrument :

BNA_G

ClientSampleId :

TP-8A-S

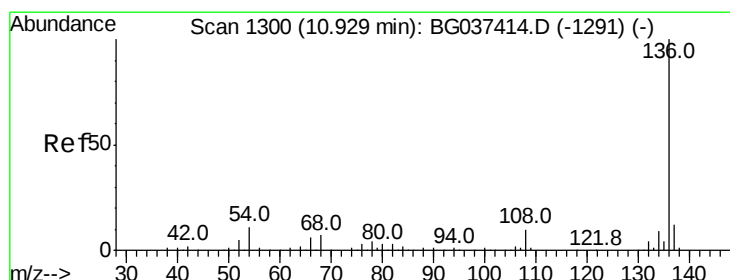
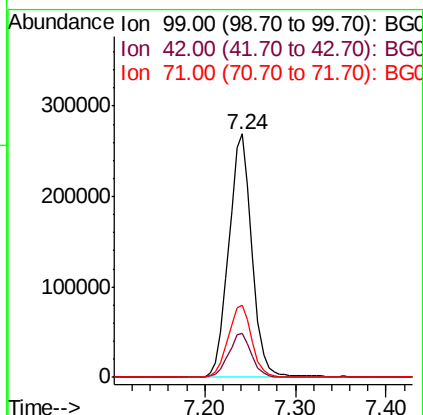
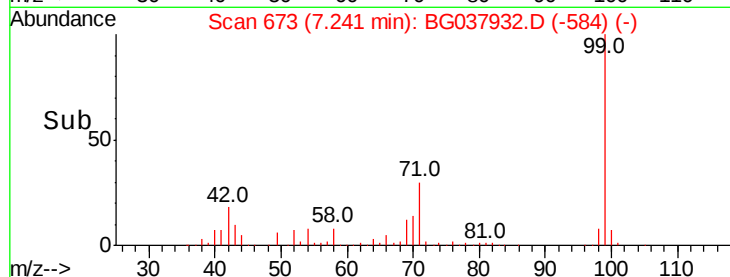
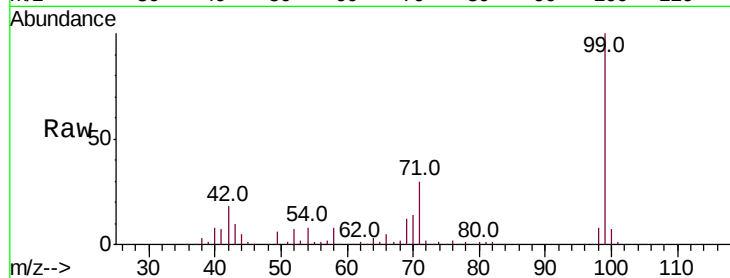
Tot Ion: 99 Resp: 477912

Ion Ratio Lower Upper

99 100

42 17.8 15.0 22.4

71 29.6 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BG037932.D

Acq: 9 Nov 2018 22:33

Tgt Ion: 136 Resp: 255319

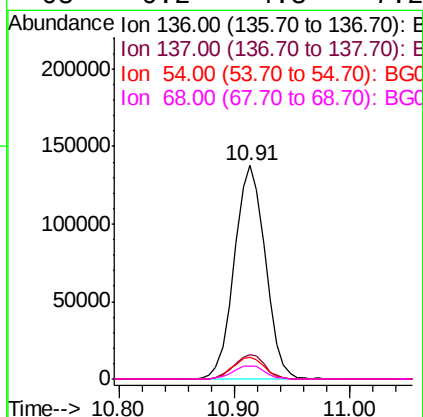
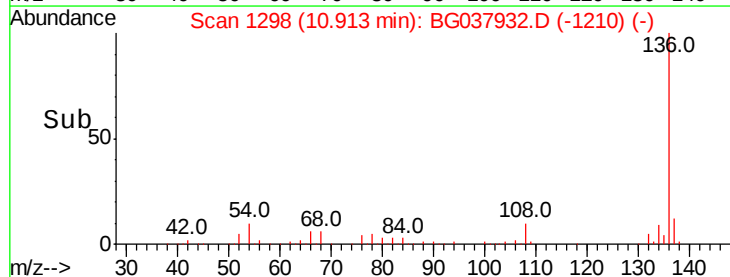
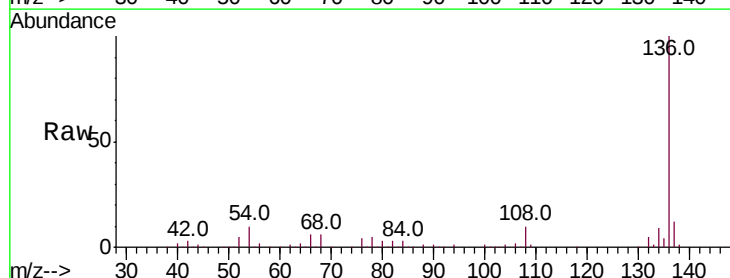
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 10.4 7.9 11.9

68 6.2 4.8 7.2

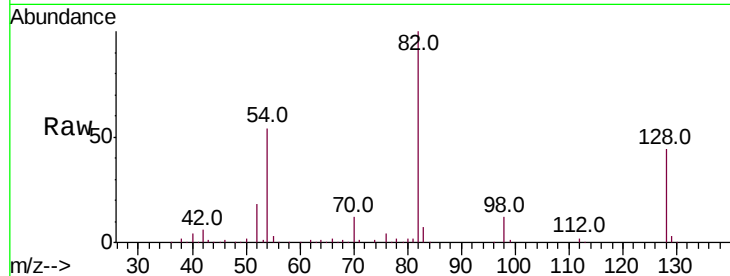




#23
 Nitrobenzene-d5
 Concen: 80.376 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.02 min
 Lab File: BG037932.D
 Acq: 9 Nov 2018 22:33

Instrument :
 BNA_G
 ClientSampleId :
 TP-8A-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	51.8
54	54.4	45.3	67.9

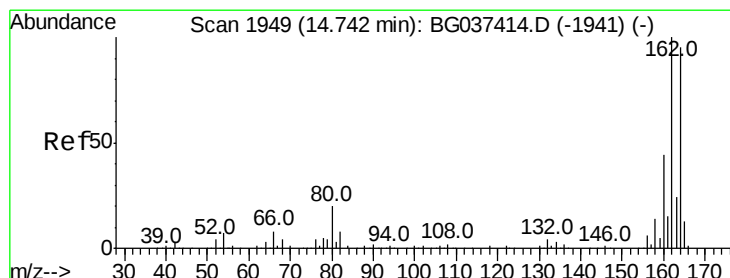
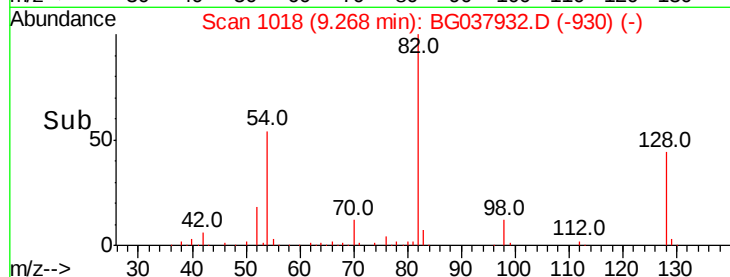
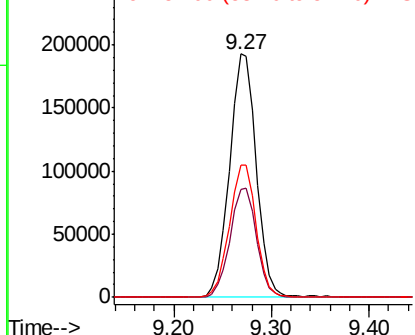


Abundance

Ion 82.00 (81.70 to 82.70): BGC

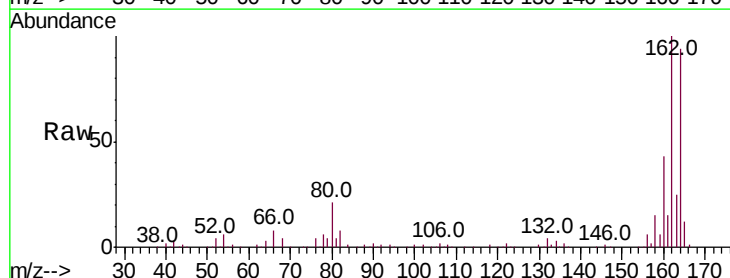
Ion 128.00 (127.70 to 128.70): BGC

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: BG037932.D
 Acq: 9 Nov 2018 22:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	81.3	121.9
160	46.1	36.3	54.5

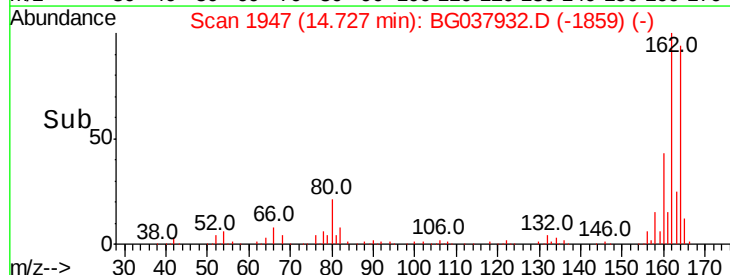
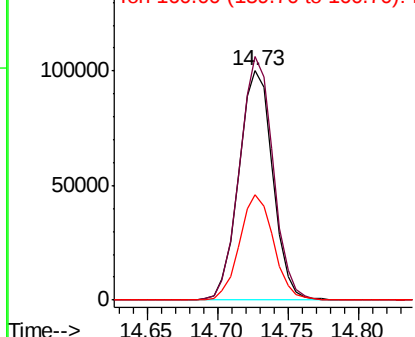


Abundance

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: 100.263 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG037932.D

Acq: 9 Nov 2018 22:33

Instrument :

BNA_G

ClientSampleId :

TP-8A-S

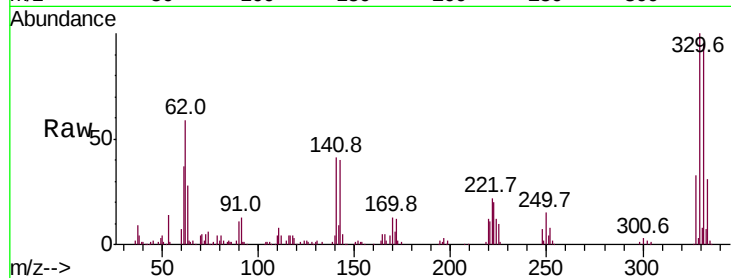
Tot Ion:330 Resp: 184341

Ion Ratio Lower Upper

330 100

332 93.9 78.4 117.6

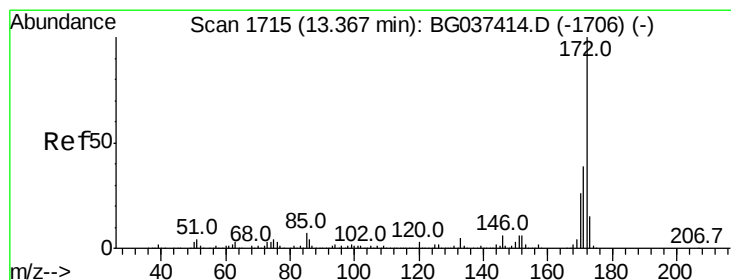
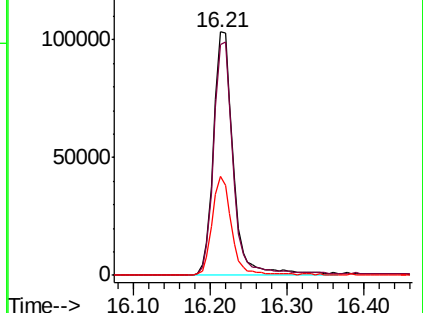
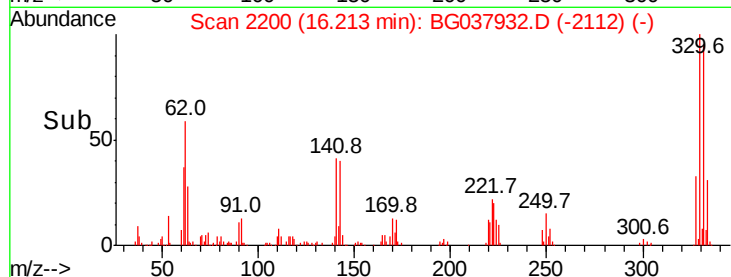
141 39.4 32.2 48.2



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: 73.978 ng

RT: 13.35 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BG037932.D

Acq: 9 Nov 2018 22:33

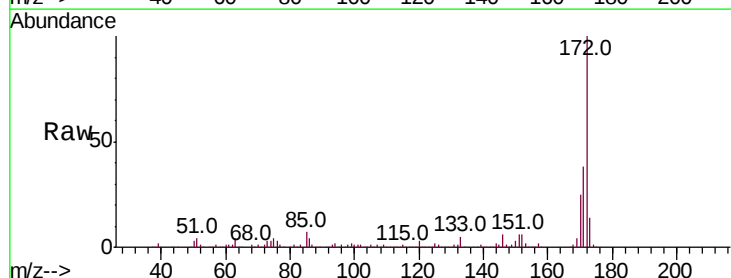
Tgt Ion:172 Resp: 826985

Ion Ratio Lower Upper

172 100

171 38.3 31.0 46.4

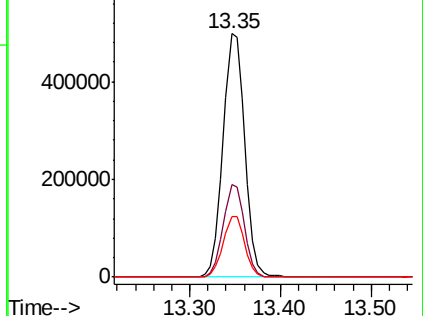
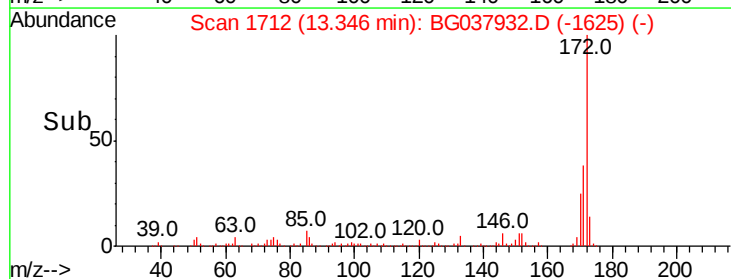
170 24.9 20.2 30.2



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# 2415

Delta R.T. -0.01 min

Lab File: BG037932.D

Acq: 9 Nov 2018 22:33

Instrument :

BNA_G

ClientSampleId :

TP-8A-S

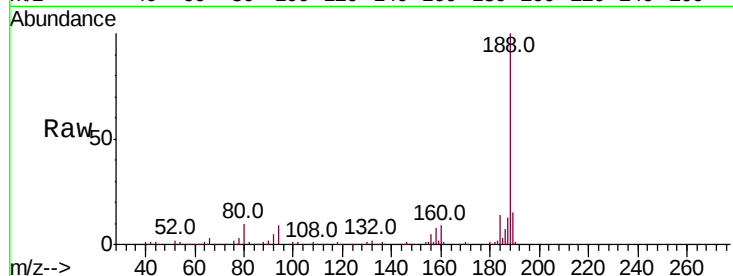
Tot Ion:188 Resp: 370765

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

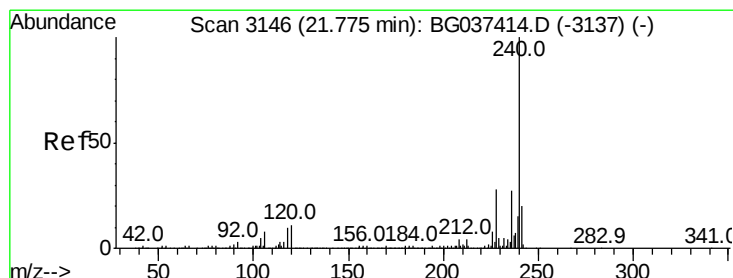
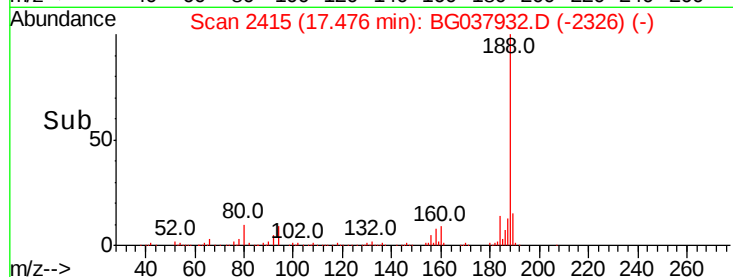
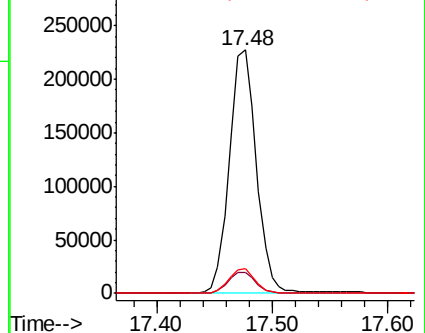
80 10.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG037932.D

Acq: 9 Nov 2018 22:33

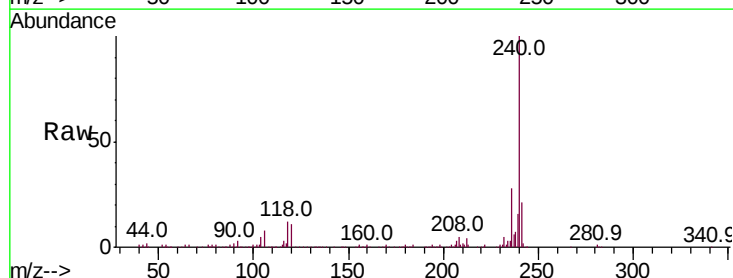
Tgt Ion:240 Resp: 315812

Ion Ratio Lower Upper

240 100

120 11.2 8.1 12.1

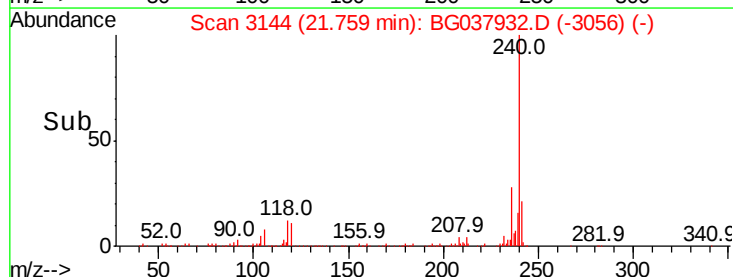
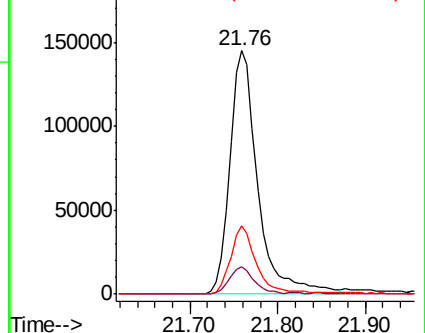
236 28.3 21.4 32.0



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: 86.956 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037932.D

Acq: 9 Nov 2018 22:33

Instrument :

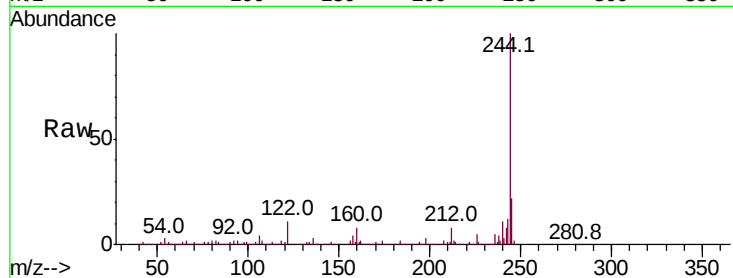
BNA_G

ClientSampleId :

TP-8A-S

Tot Ion:244 Resp: 1285195

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.5	9.0	13.4

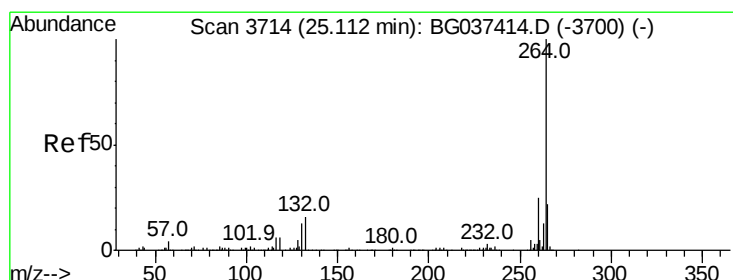
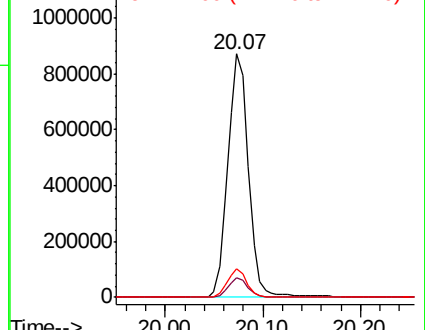
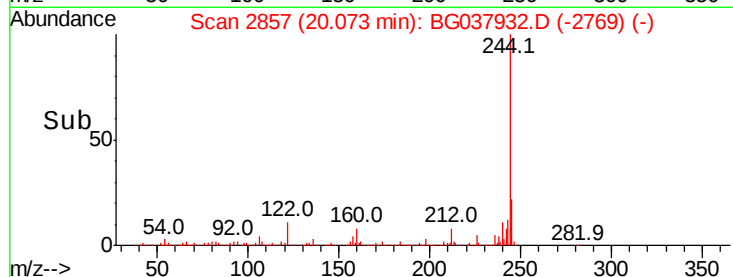


Abundance

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: 25.09 min Scan# 3711

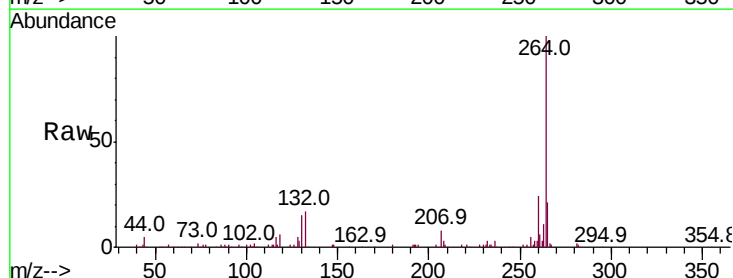
Delta R.T. -0.02 min

Lab File: BG037932.D

Acq: 9 Nov 2018 22:33

Tgt Ion:264 Resp: 226835

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	21.3	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

