

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
 Data File : BG037663.D
 Acq On : 30 Oct 2018 21:13
 Operator : JU/SJ
 Sample : PB114303BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114303BL

Quant Time: Oct 31 09:10:06 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	8.10	152	48192	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	214923	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	149534	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	365974	20.00	ng	0.00
76) Chrysene-d12	21.77	240	335331	20.00	ng	0.00
87) Perylene-d12	25.10	264	298163	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	287790	99.84	ng	0.00
7) Phenol-d6	7.24	99	421691	96.75	ng	0.00
23) Nitrobenzene-d5	9.27	82	236999	61.77	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	149002	91.36	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	618296	62.35	ng	-0.02
79) Terphenyl-d14	20.08	244	977522	62.29	ng	0.00

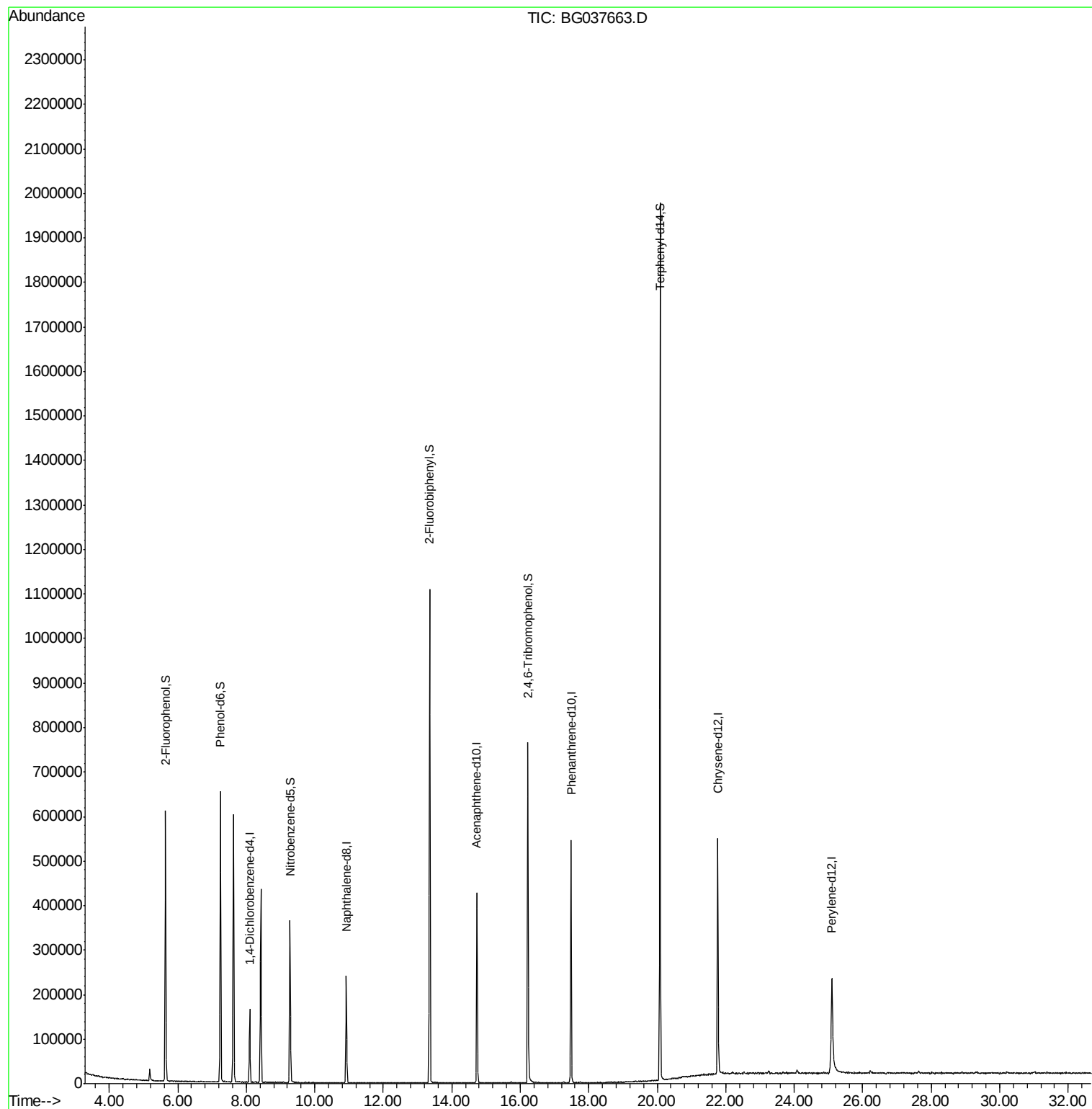
Target Compounds Qvalue

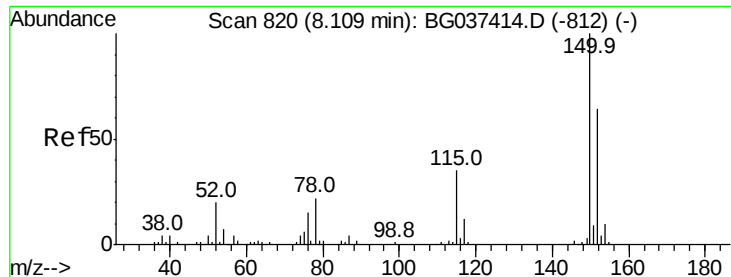
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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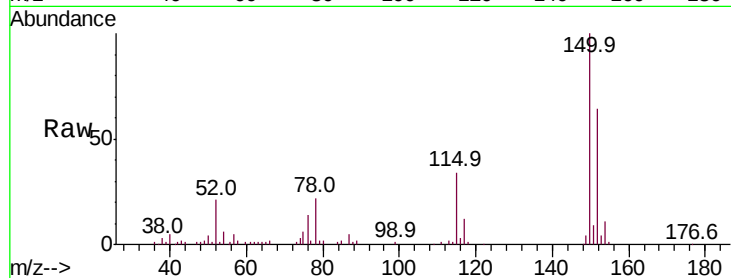


#1

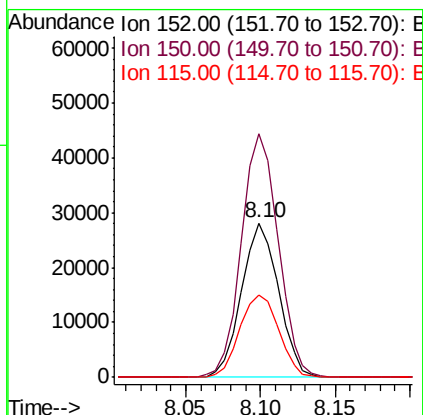
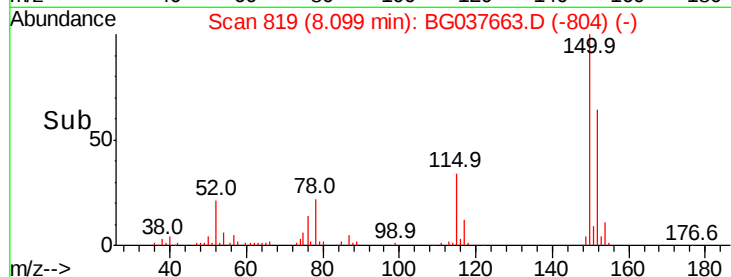
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037663.D
Acq: 30 Oct 2018 21:13

Instrument :
BNA_G
ClientSampleId :
PB114303BL

Tot Ion:152 Resp: 48192
Ion Ratio Lower Upper
152 100
150 157.5 126.0 189.0
115 53.0 45.5 68.3



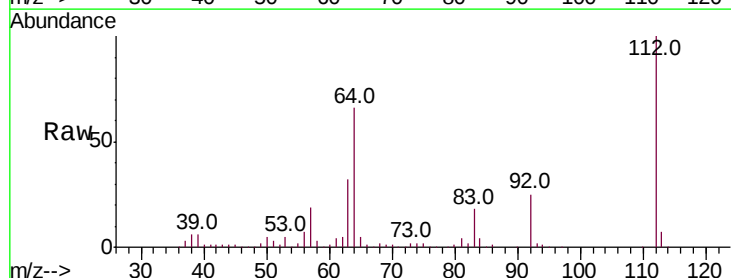
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



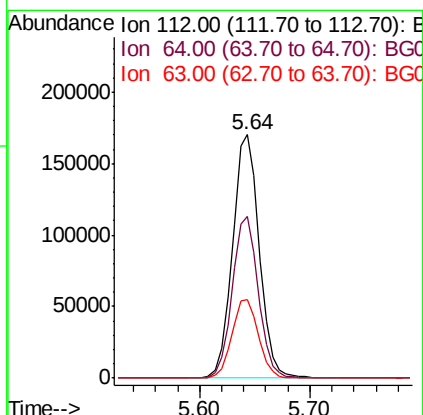
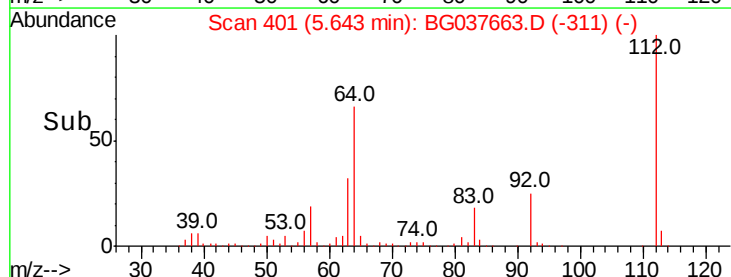
#5

2-Fluorophenol
Concen: 99.839 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037663.D
Acq: 30 Oct 2018 21:13

Tgt Ion:112 Resp: 287790
Ion Ratio Lower Upper
112 100
64 66.2 53.1 79.7
63 32.4 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: 96.745 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037663.D

Acq: 30 Oct 2018 21:13

Instrument :

BNA_G

ClientSampleId :

PB114303BL

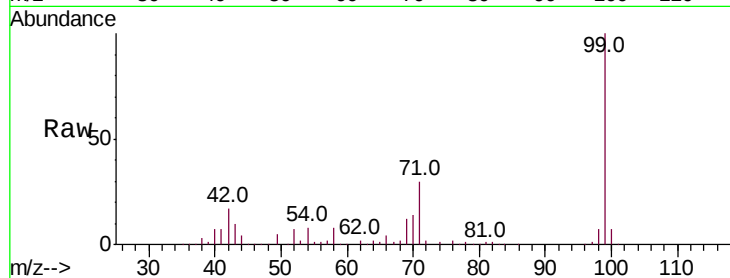
Tot Ion: 99 Resp: 421691

Ion Ratio Lower Upper

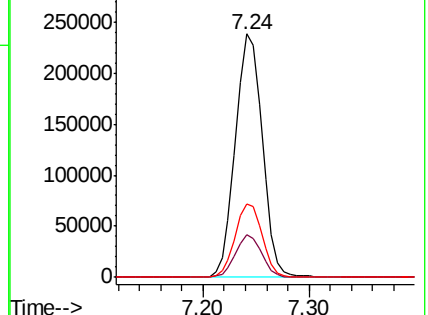
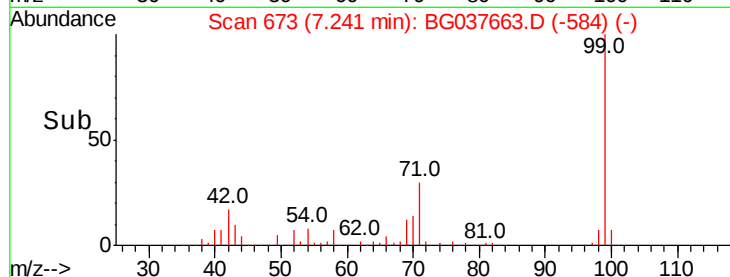
99 100

42 17.5 15.0 22.4

71 29.9 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: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037663.D

Acq: 30 Oct 2018 21:13

Tgt Ion: 136 Resp: 214923

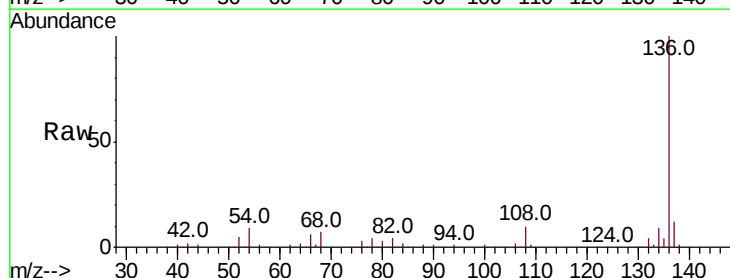
Ion Ratio Lower Upper

136 100

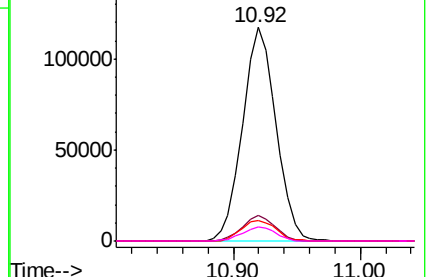
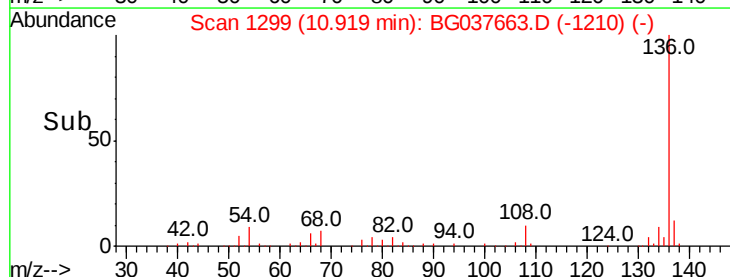
137 11.9 9.6 14.4

54 9.4 7.9 11.9

68 6.7 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

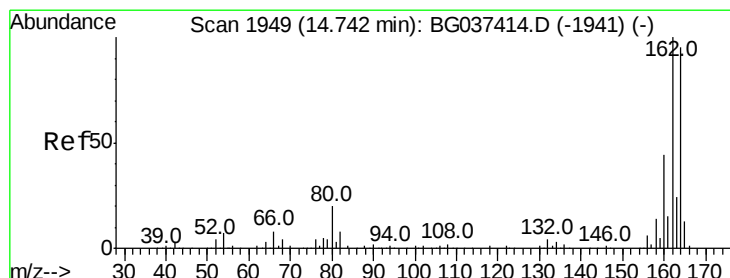
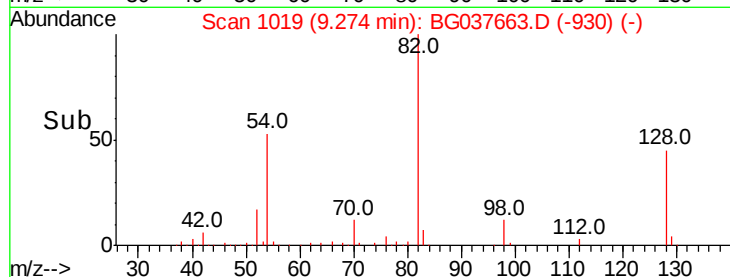
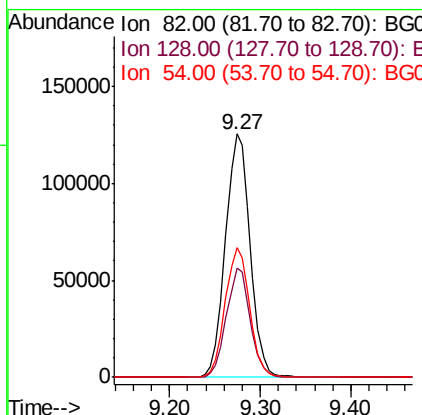
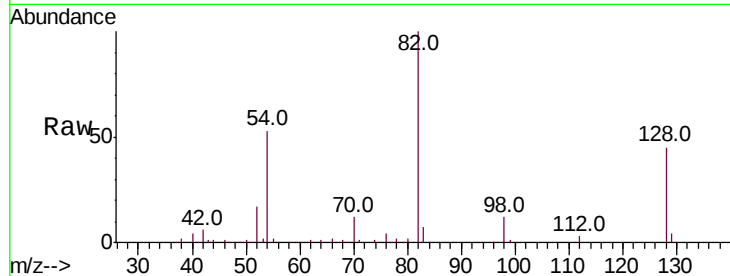




#23
 Nitrobenzene-d5
 Concen: 61.773 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037663.D
 Acq: 30 Oct 2018 21:13

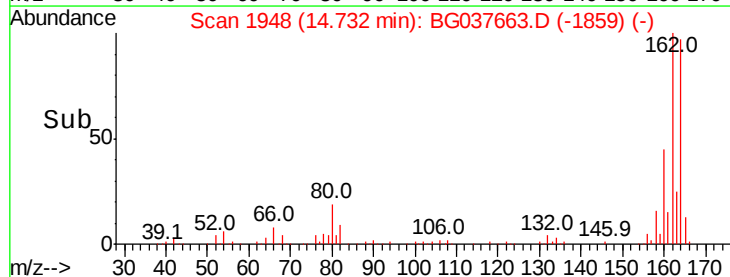
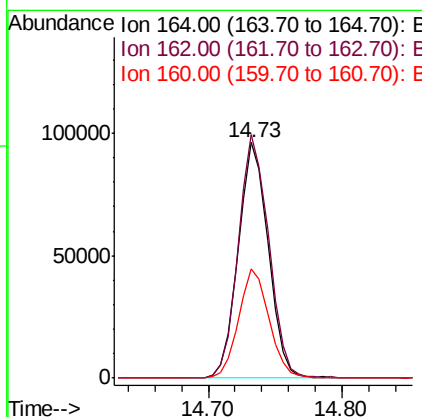
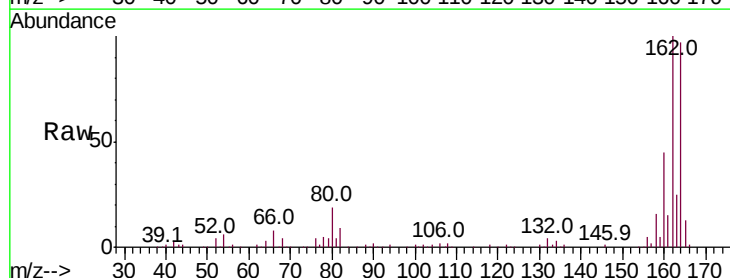
Instrument :
 BNA_G
 ClientSampleId :
 PB114303BL

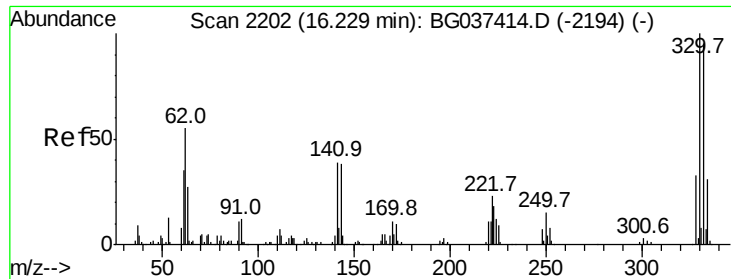
Tot Ion	82	Resp	236999
Ion Ratio	Lower	Upper	
82	100		
128	45.1	34.6	51.8
54	53.3	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037663.D
 Acq: 30 Oct 2018 21:13

Tgt Ion	164	Resp	149534
Ion Ratio	Lower	Upper	
164	100		
162	103.3	81.3	121.9
160	46.4	36.3	54.5

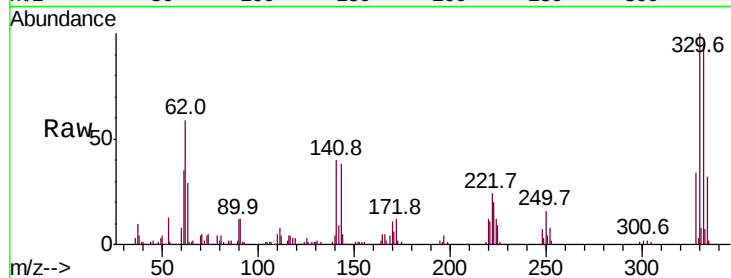




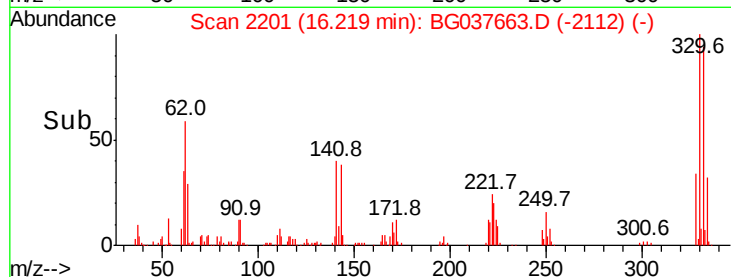
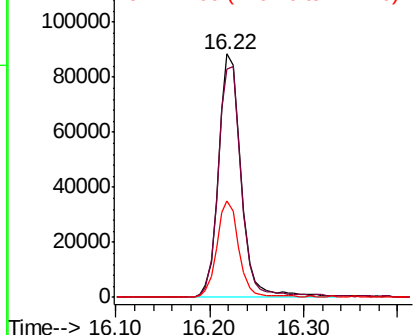
#42
 2,4,6-Tribromophenol
 Concen: 91.359 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037663.D
 Acq: 30 Oct 2018 21:13

Instrument :
 BNA_G
 ClientSampleId :
 PB114303BL

Tot Ion:330 Resp: 149002
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.4 117.6
 141 38.7 32.2 48.2

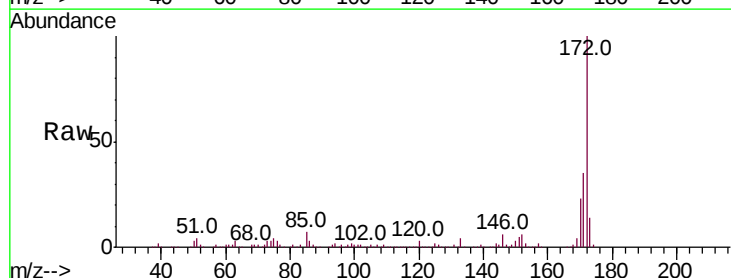


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

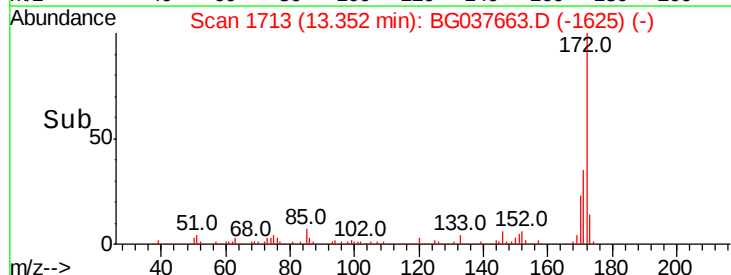
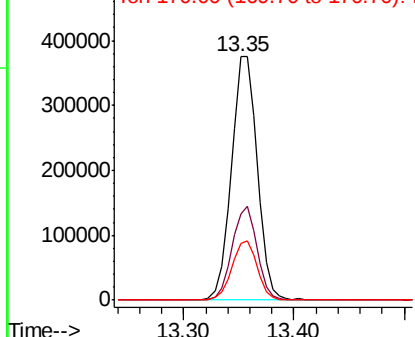


#45
 2-Fluorobiphenyl
 Concen: 62.351 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BG037663.D
 Acq: 30 Oct 2018 21:13

Tgt Ion:172 Resp: 618296
 Ion Ratio Lower Upper
 172 100
 171 35.4 31.0 46.4
 170 23.4 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

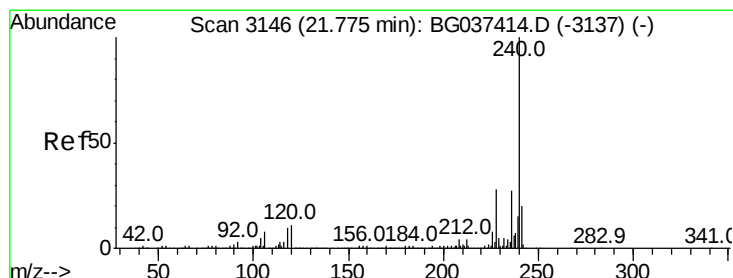
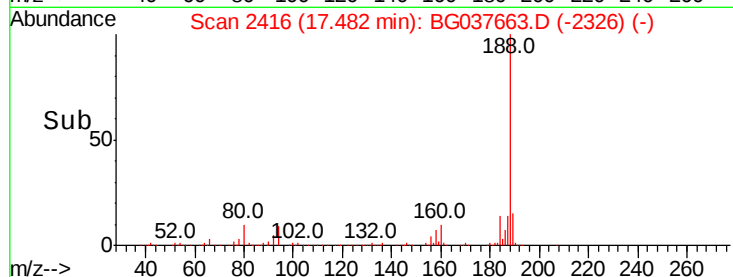
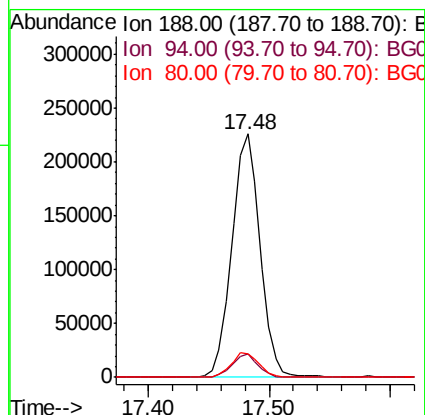
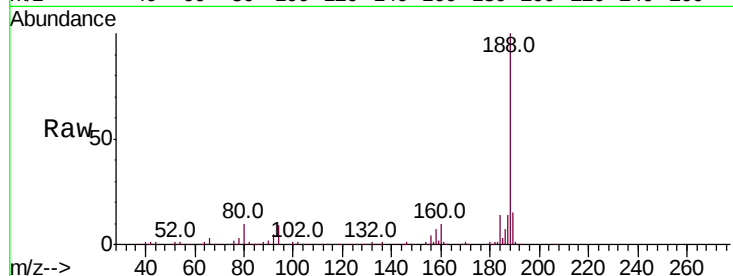




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037663.D
Acq: 30 Oct 2018 21:13

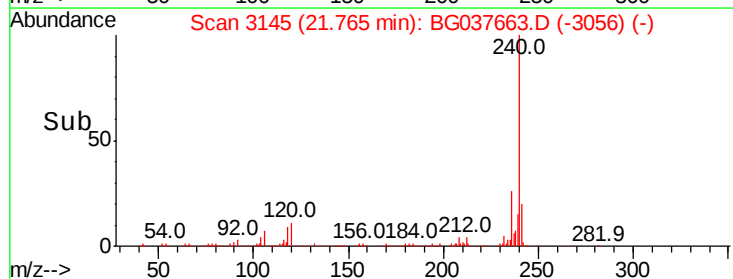
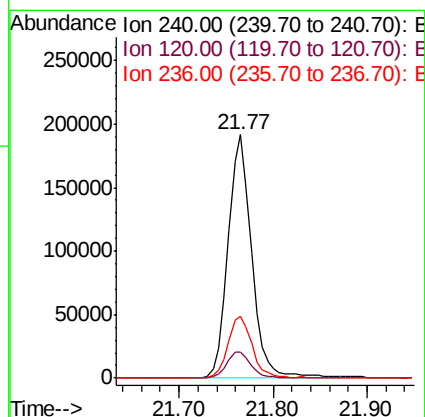
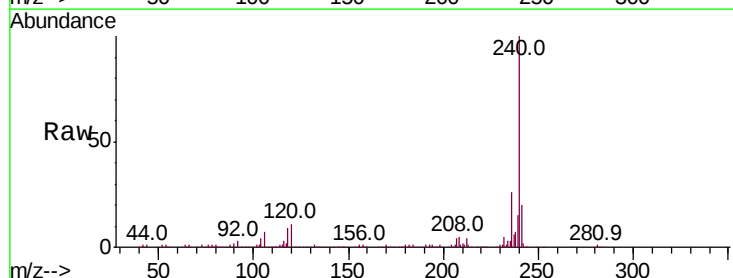
Instrument :
BNA_G
ClientSampleId :
PB114303BL

Tot Ion:188 Resp: 365974
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 9.8 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037663.D
Acq: 30 Oct 2018 21:13

Tgt Ion:240 Resp: 335331
Ion Ratio Lower Upper
240 100
120 10.9 8.1 12.1
236 25.7 21.4 32.0





#79

Terphenyl-d14

Concen: 62.289 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037663.D

Acq: 30 Oct 2018 21:13

Instrument :

BNA_G

ClientSampleId :

PB114303BL

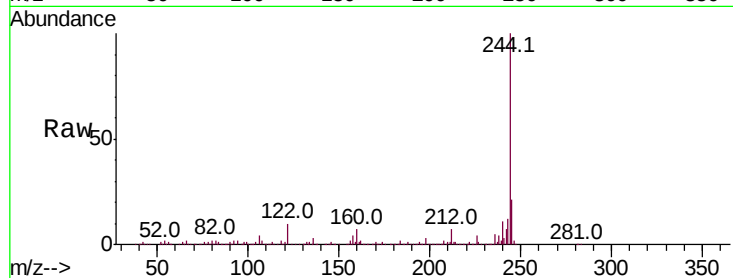
Tot Ion:244 Resp: 977522

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

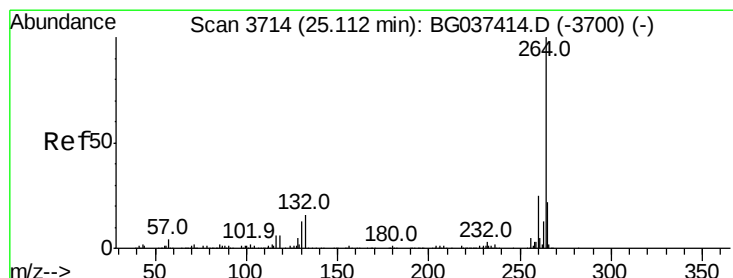
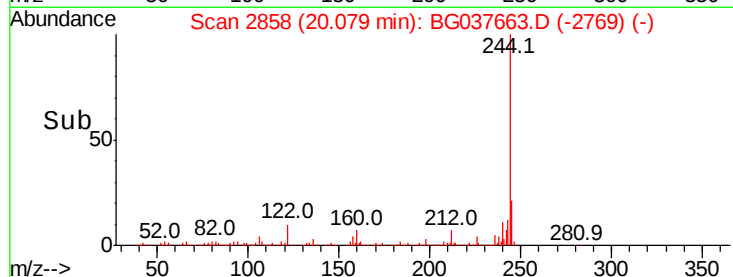
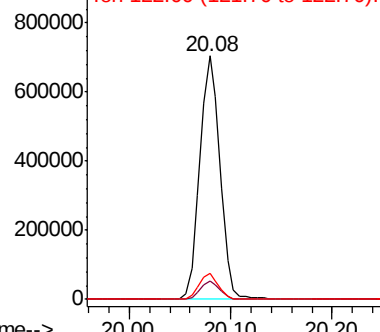
122 10.5 9.0 13.4



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: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037663.D

Acq: 30 Oct 2018 21:13

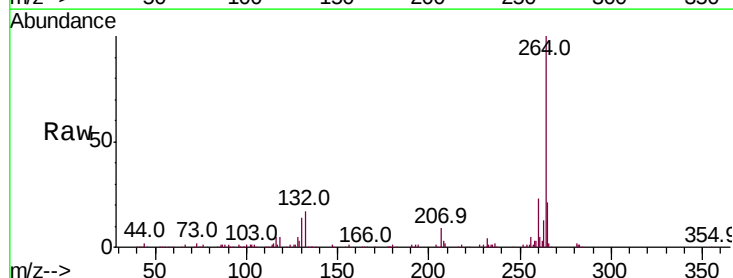
Tgt Ion:264 Resp: 298163

Ion Ratio Lower Upper

264 100

260 23.3 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

