

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101118\
 Data File : BG037260.D
 Acq On : 11 Oct 2018 16:42
 Operator : JU/SJ
 Sample : PB113649BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113649BL

Quant Time: Oct 11 18:45:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	48759	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	207116	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	138853	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	375577	20.00	ng	0.00
76) Chrysene-d12	21.79	240	391727	20.00	ng	0.00
87) Perylene-d12	25.15	264	387276	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	323917	116.91	ng	0.00
7) Phenol-d6	7.26	99	456339	108.52	ng	0.00
23) Nitrobenzene-d5	9.30	82	239192	75.93	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	156894	115.21	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	648563	70.15	ng	0.00
79) Terphenyl-d14	20.11	244	1235323	66.22	ng	0.00

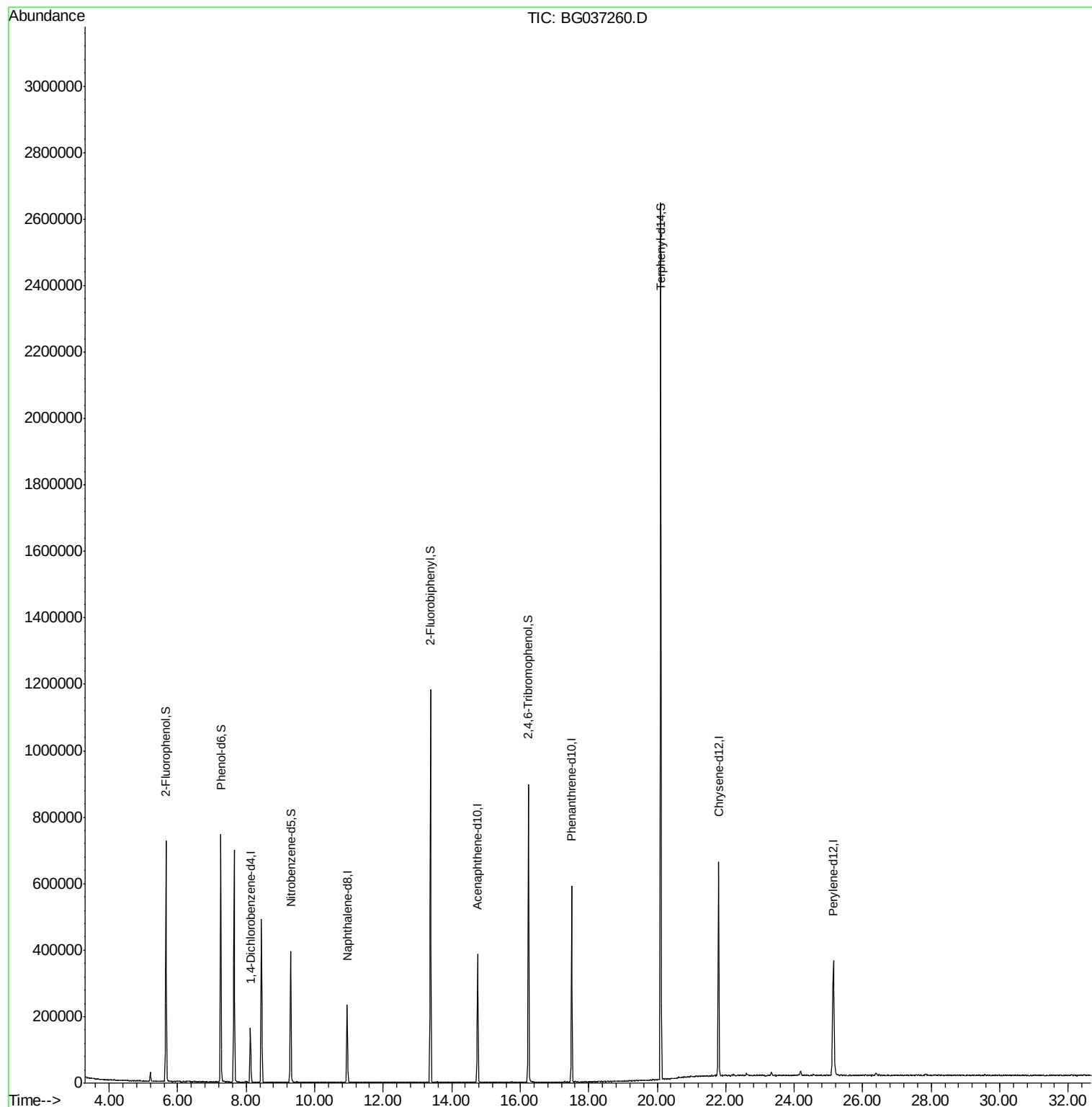
Target Compounds Qvalue

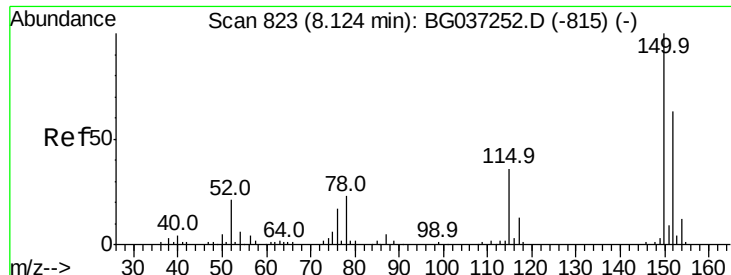
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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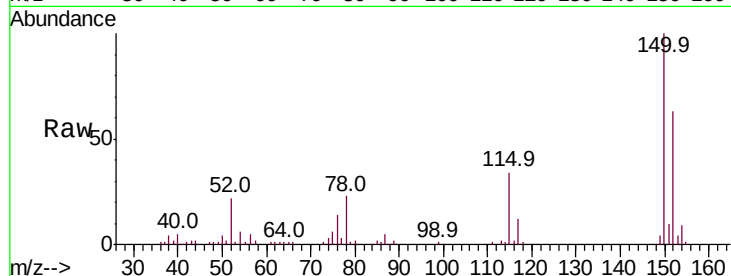


#1

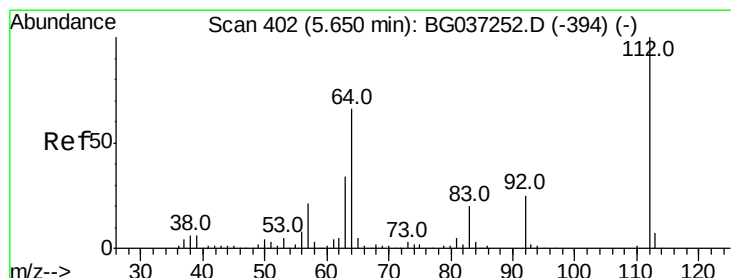
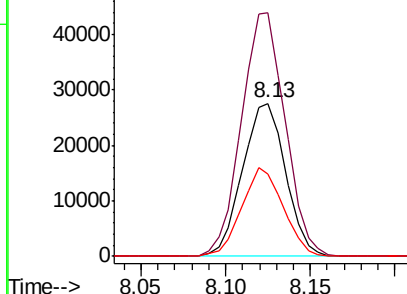
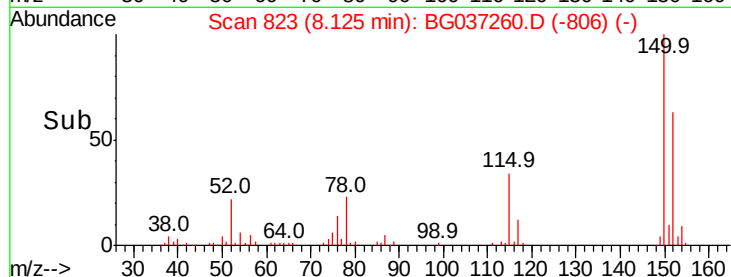
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. 0.00 min
Lab File: BG037260.D
Acq: 11 Oct 2018 16:42

Instrument :
BNA_G
ClientSampleId :
PB113649BL

Tot Ion:152 Resp: 48759
Ion Ratio Lower Upper
152 100
150 159.4 126.0 189.0
115 53.9 45.5 68.3



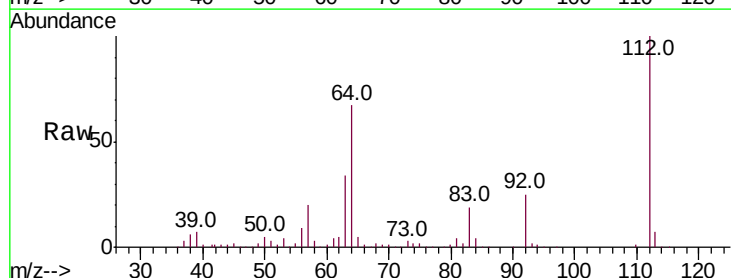
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



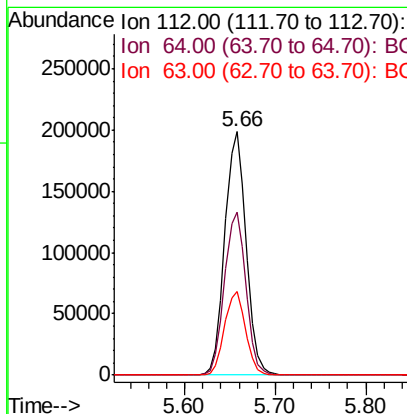
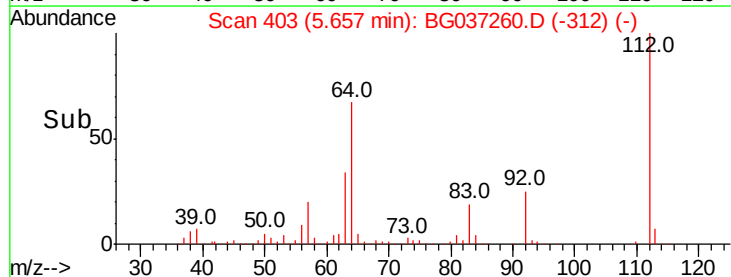
#5

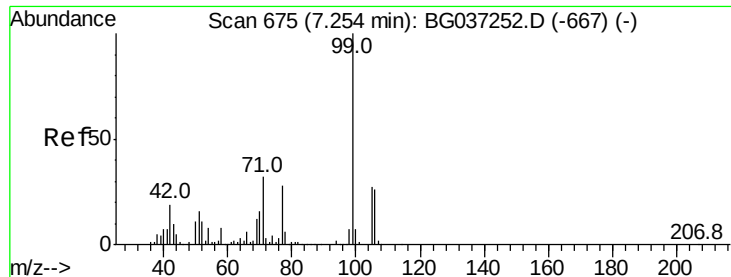
2-Fluorophenol
Concen: 116.914 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037260.D
Acq: 11 Oct 2018 16:42

Tgt Ion:112 Resp: 323917
Ion Ratio Lower Upper
112 100
64 67.0 53.1 79.7
63 34.4 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: 108.517 ng

RT: 7.26 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037260.D

Acq: 11 Oct 2018 16:42

Instrument :

BNA_G

ClientSampleId :

PB113649BL

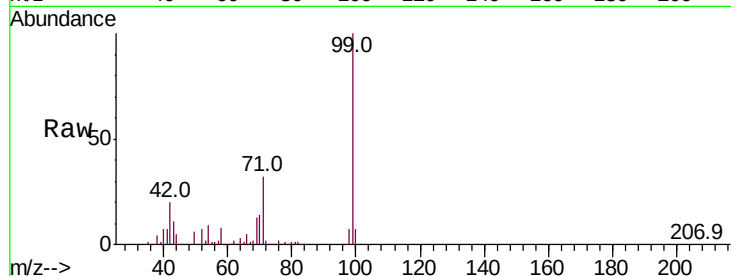
Tot Ion: 99 Resp: 456339

Ion Ratio Lower Upper

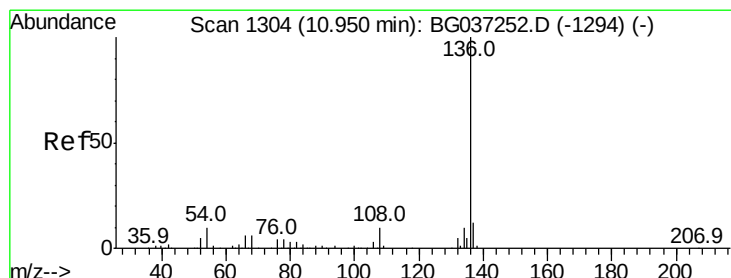
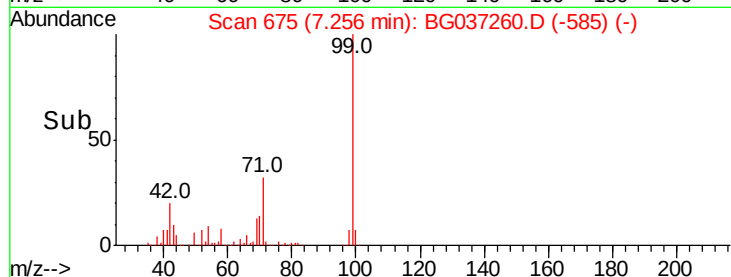
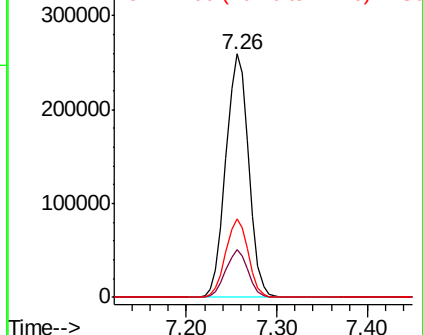
99 100

42 19.6 15.0 22.4

71 32.3 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: 10.95 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BG037260.D

Acq: 11 Oct 2018 16:42

Tgt Ion: 136 Resp: 207116

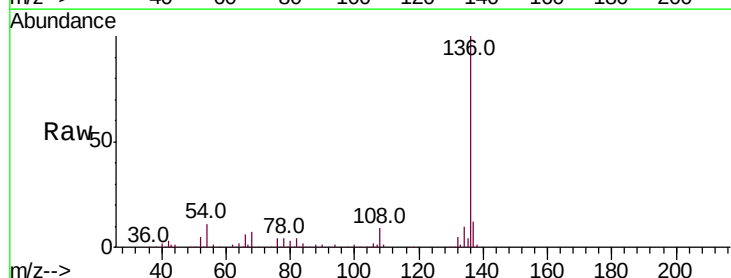
Ion Ratio Lower Upper

136 100

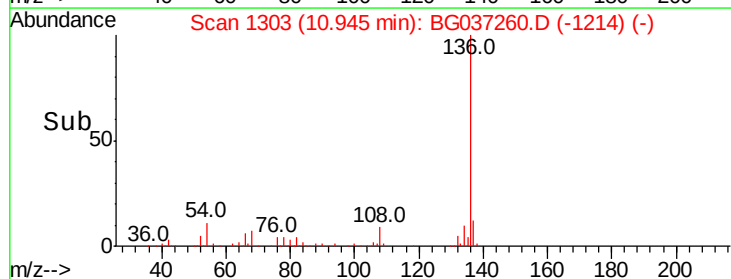
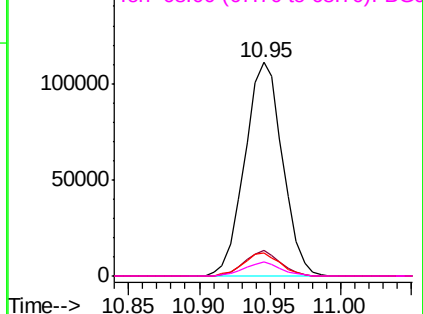
137 11.7 9.6 14.4

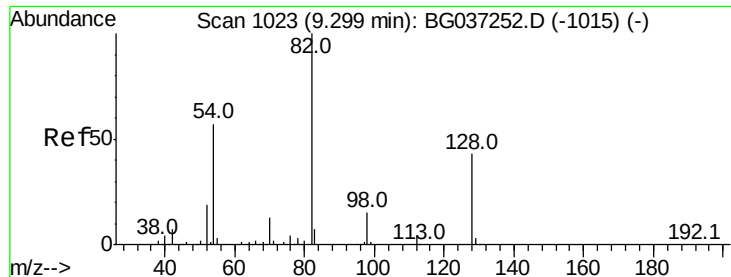
54 10.7 7.9 11.9

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

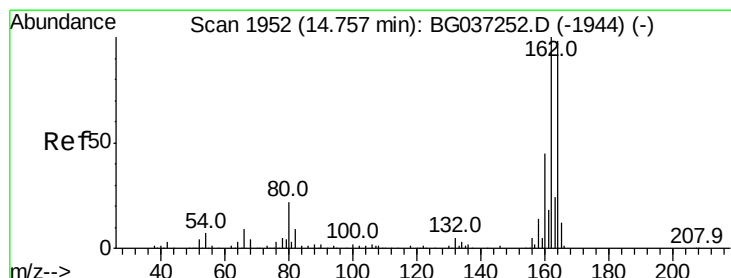
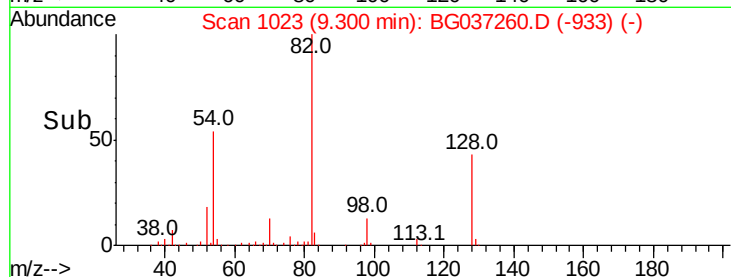
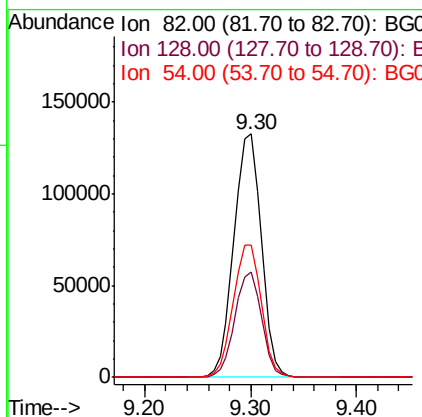
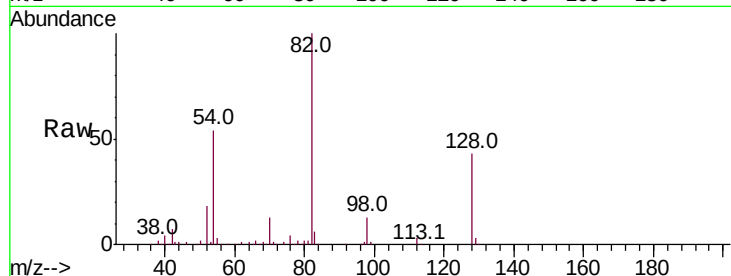




#23
Nitrobenzene-d5
Concen: 75.927 ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG037260.D
Acq: 11 Oct 2018 16:42

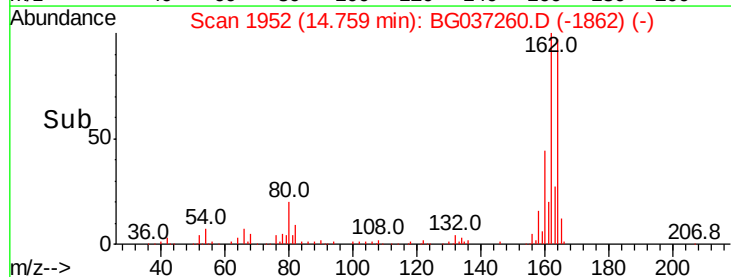
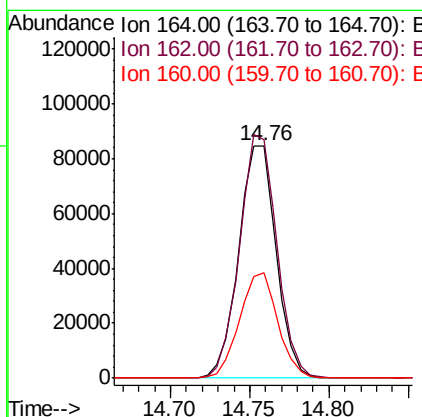
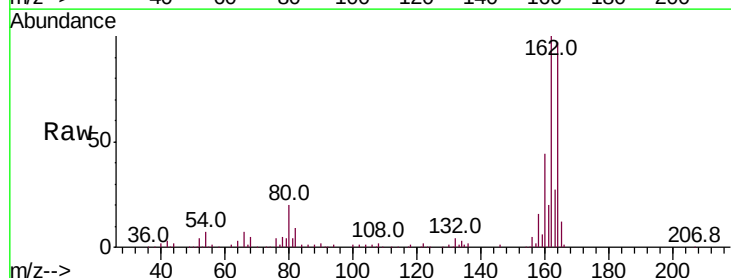
Instrument :
BNA_G
ClientSampleId :
PB113649BL

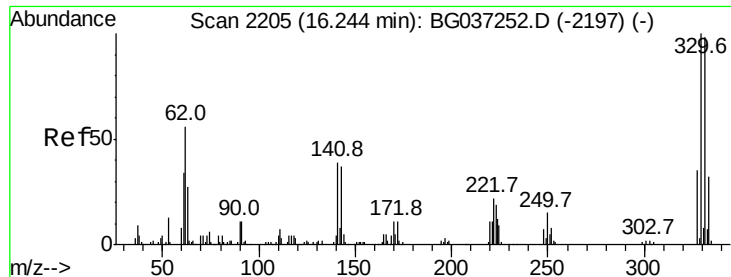
Tot Ion	82	Resp	239192
Ion Ratio	Lower	Upper	
82	100		
128	43.3	34.6	51.8
54	54.3	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BG037260.D
Acq: 11 Oct 2018 16:42

Tgt Ion	164	Resp	138853
Ion Ratio	Lower	Upper	
164	100		
162	102.7	81.3	121.9
160	45.4	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 115.214 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG037260.D

Acq: 11 Oct 2018 16:42

Instrument :

BNA_G

ClientSampleId :

PB113649BL

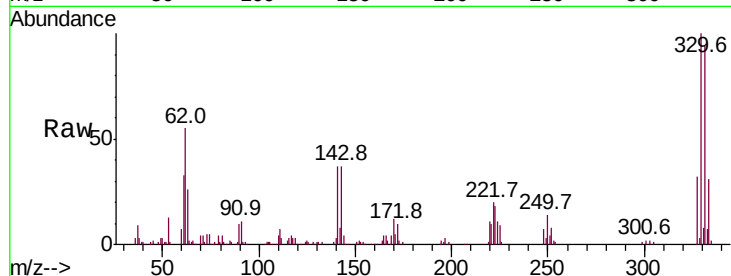
Tot Ion:330 Resp: 156894

Ion Ratio Lower Upper

330 100

332 95.1 78.4 117.6

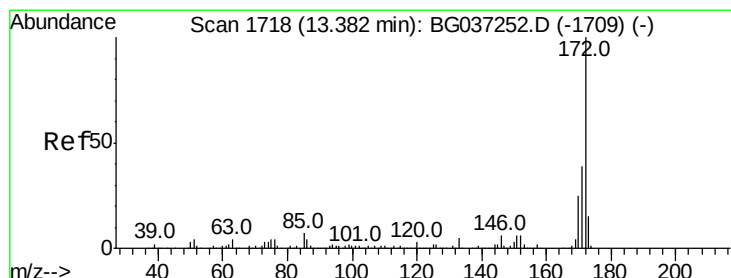
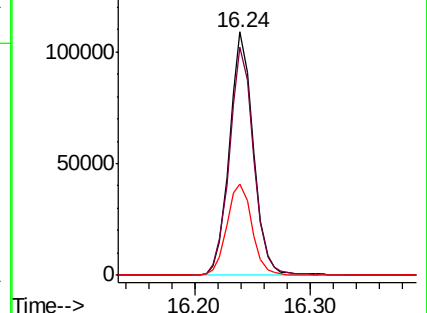
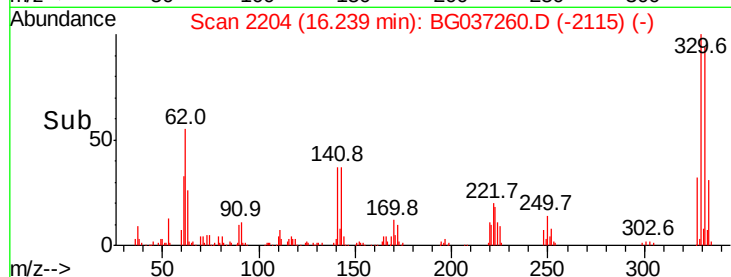
141 39.2 32.2 48.2



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: 70.145 ng

RT: 13.38 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BG037260.D

Acq: 11 Oct 2018 16:42

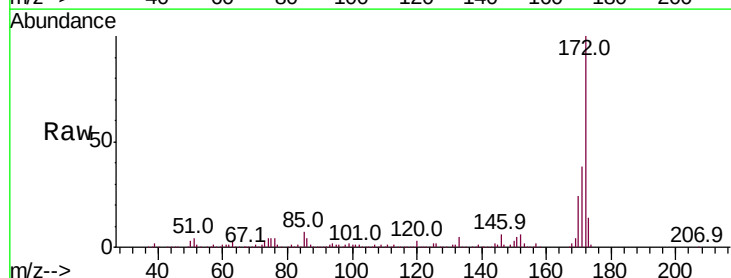
Tgt Ion:172 Resp: 648563

Ion Ratio Lower Upper

172 100

171 37.5 31.0 46.4

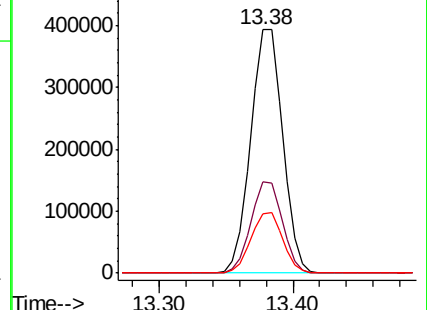
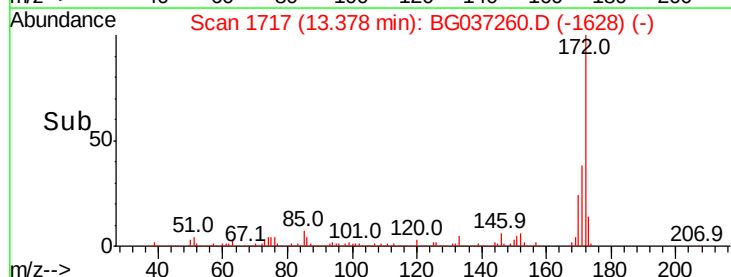
170 24.4 20.2 30.2

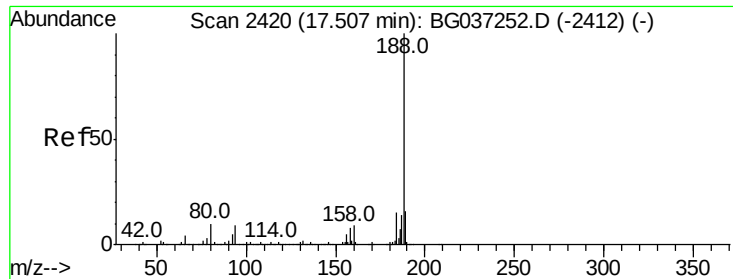


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

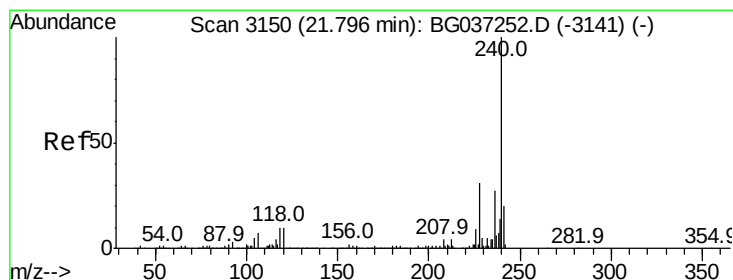
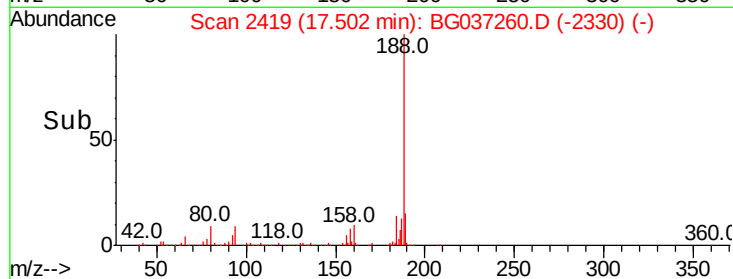
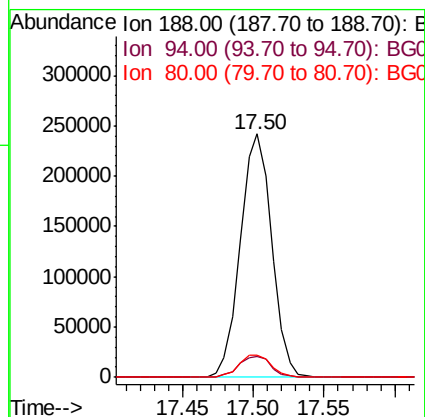
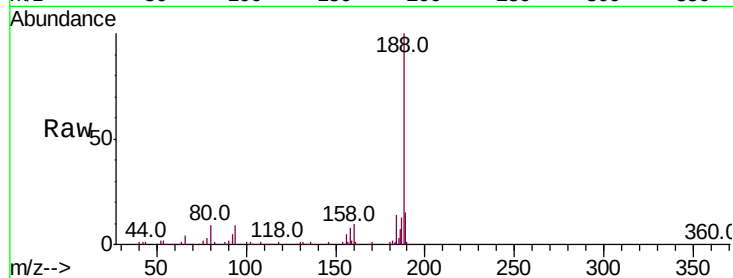




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: BG037260.D
 Acq: 11 Oct 2018 16:42

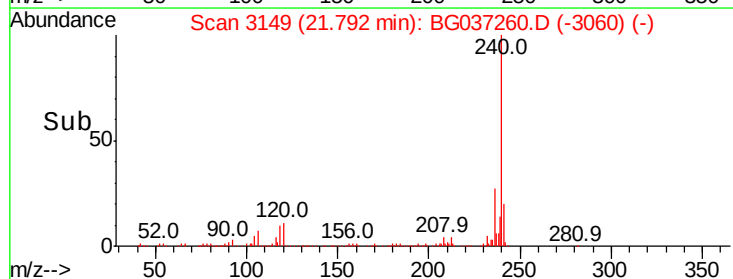
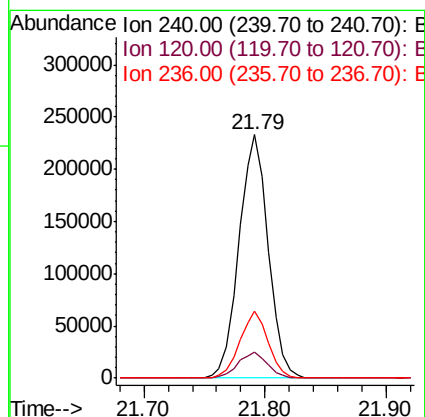
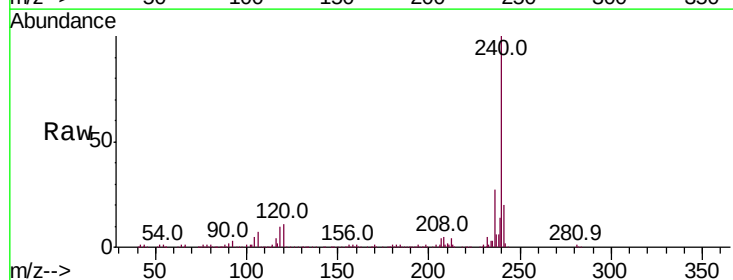
Instrument :
 BNA_G
 ClientSampleId :
 PB113649BL

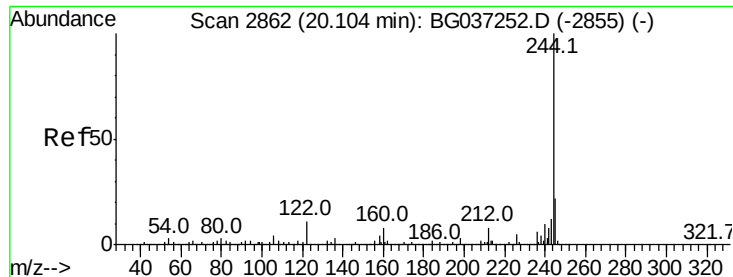
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	9.3	7.7	11.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BG037260.D
 Acq: 11 Oct 2018 16:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.1	12.1
236	27.3	21.4	32.0





#79

Terphenyl-d14

Concen: 66.216 ng

RT: 20.11 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG037260.D

Acq: 11 Oct 2018 16:42

Instrument :

BNA_G

ClientSampleId :

PB113649BL

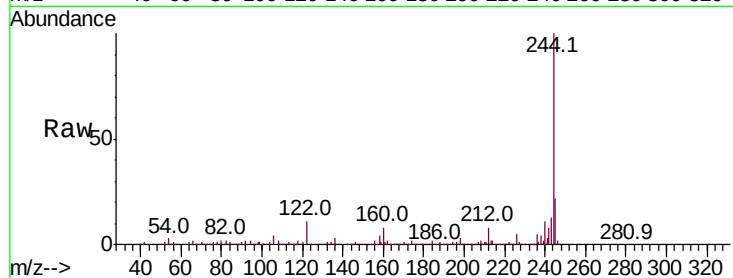
Tot Ion:244 Resp: 1235323

Ion Ratio Lower Upper

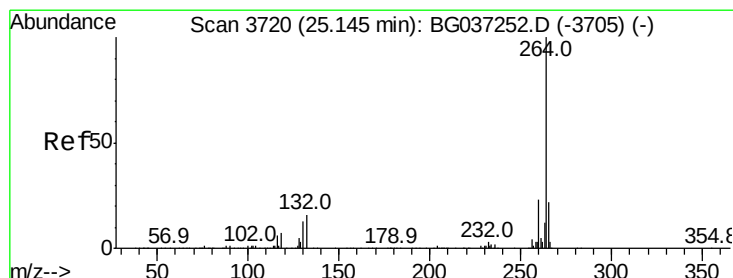
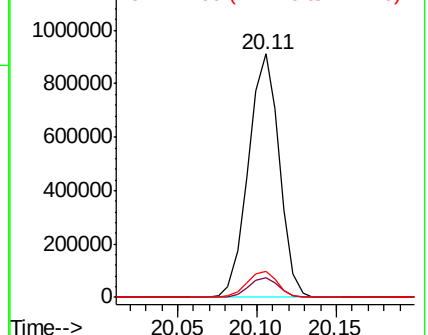
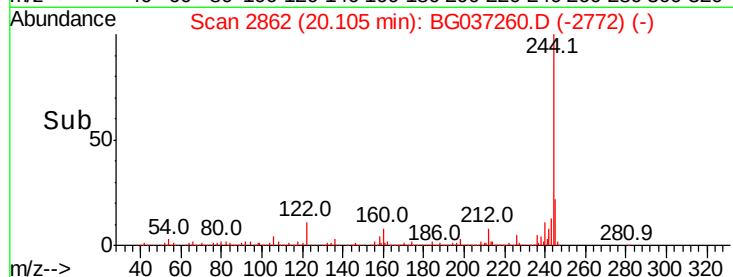
244 100

212 8.2 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: 25.15 min Scan# 3720

Delta R.T. 0.00 min

Lab File: BG037260.D

Acq: 11 Oct 2018 16:42

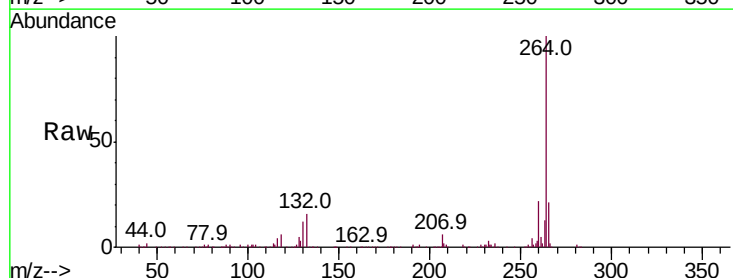
Tgt Ion:264 Resp: 387276

Ion Ratio Lower Upper

264 100

260 21.9 18.2 27.4

265 20.8 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

