

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
 Data File : BG037667.D
 Acq On : 31 Oct 2018 00:29
 Operator : JU/SJ
 Sample : J5194-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-A

Quant Time: Oct 31 09:15:08 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	62506	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	268548	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	178081	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	409152	20.00	ng	0.00
76) Chrysene-d12	21.76	240	376678	20.00	ng	-0.02
87) Perylene-d12	25.10	264	350550	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	413984	110.73	ng	0.00
7) Phenol-d6	7.25	99	535119	94.65	ng	0.00
23) Nitrobenzene-d5	9.27	82	404570	84.39	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	235641	121.32	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	928740	78.64	ng	0.00
79) Terphenyl-d14	20.08	244	1417469	80.41	ng	0.00

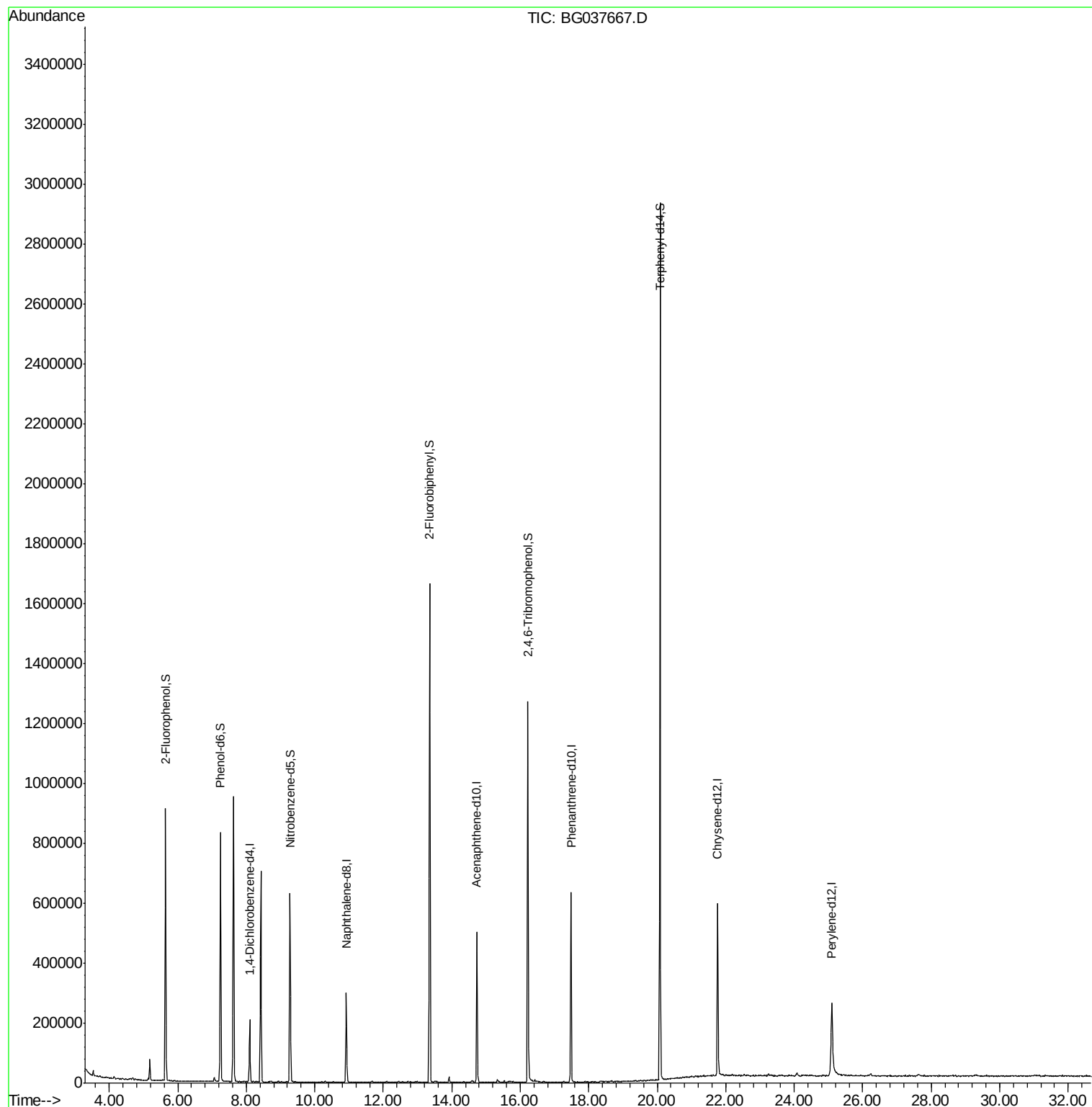
Target Compounds Qvalue

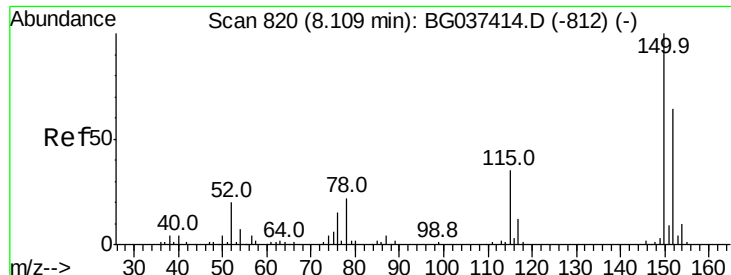
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
Data File : BG037667.D
Acq On : 31 Oct 2018 00:29
Operator : JU/SJ
Sample : J5194-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-A

Quant Time: Oct 31 09:15:08 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



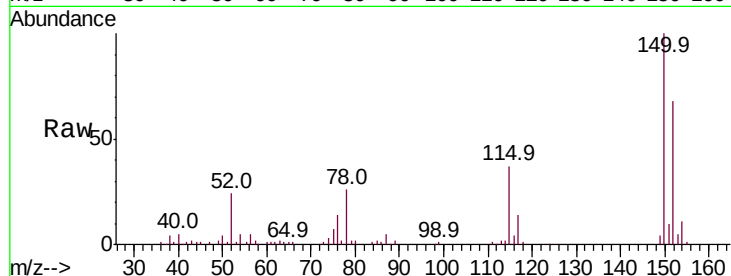


#1

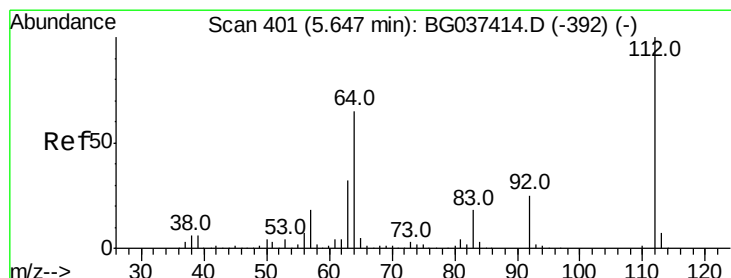
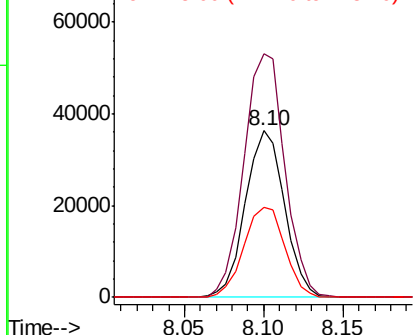
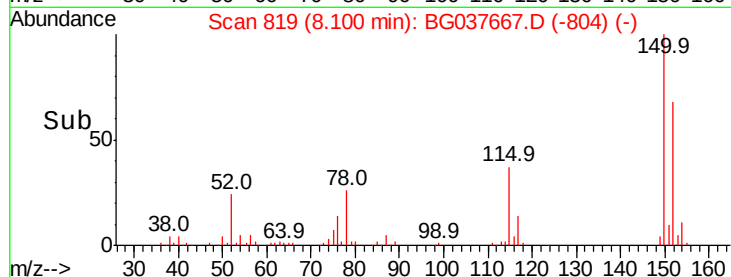
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037667.D
 Acq: 31 Oct 2018 00:29

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-A

Tot Ion:152 Resp: 62506
 Ion Ratio Lower Upper
 152 100
 150 146.3 126.0 189.0
 115 54.0 45.5 68.3



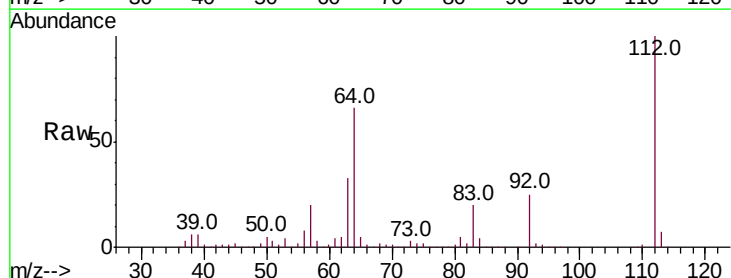
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



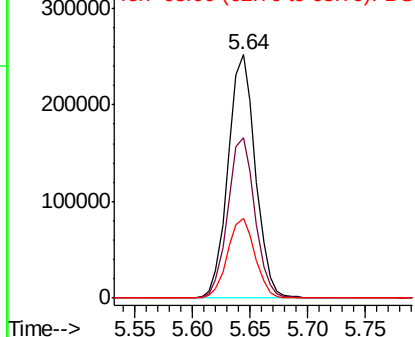
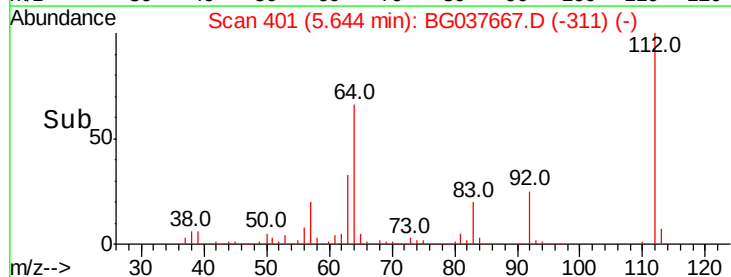
#5

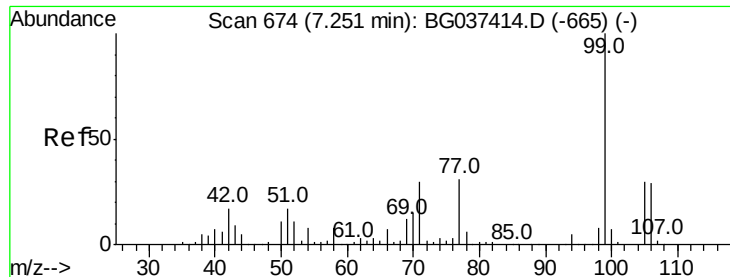
2-Fluorophenol
 Concen: 110.729 ng
 RT: 5.64 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG037667.D
 Acq: 31 Oct 2018 00:29

Tgt Ion:112 Resp: 413984
 Ion Ratio Lower Upper
 112 100
 64 66.1 53.1 79.7
 63 32.8 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: 94.654 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037667.D

Acq: 31 Oct 2018 00:29

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-A

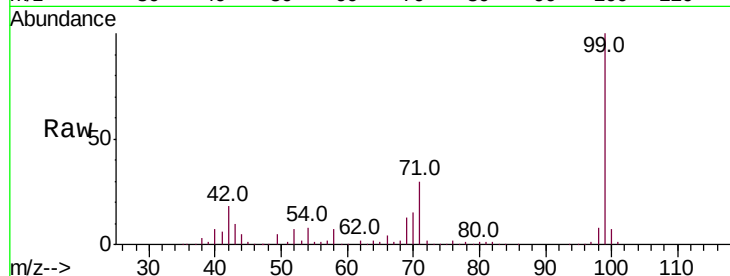
Tot Ion: 99 Resp: 535119

Ion Ratio Lower Upper

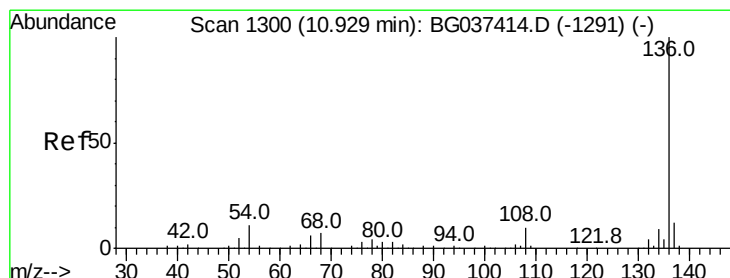
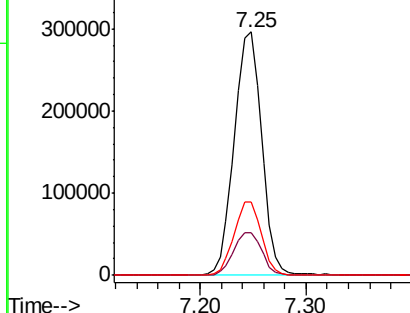
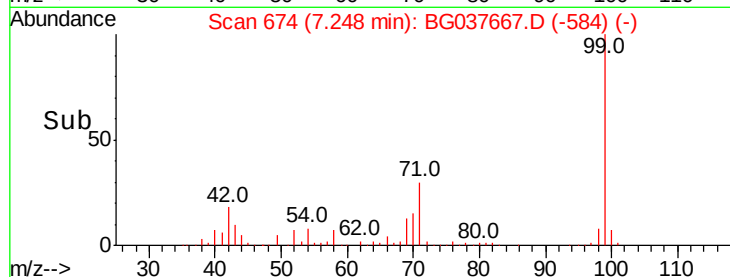
99 100

42 17.7 15.0 22.4

71 30.3 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: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037667.D

Acq: 31 Oct 2018 00:29

Tgt Ion: 136 Resp: 268548

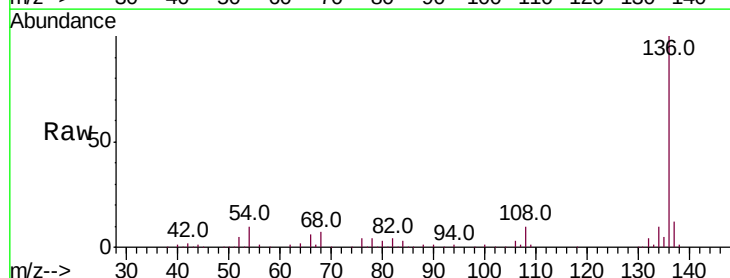
Ion Ratio Lower Upper

136 100

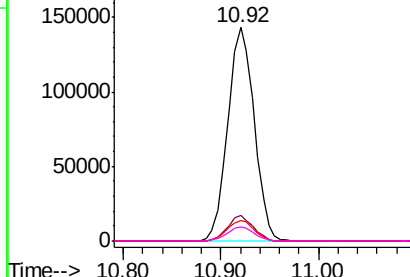
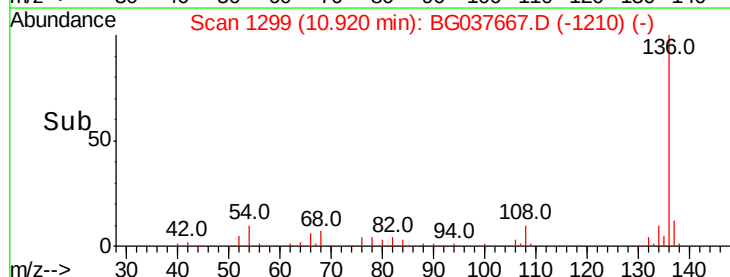
137 12.0 9.6 14.4

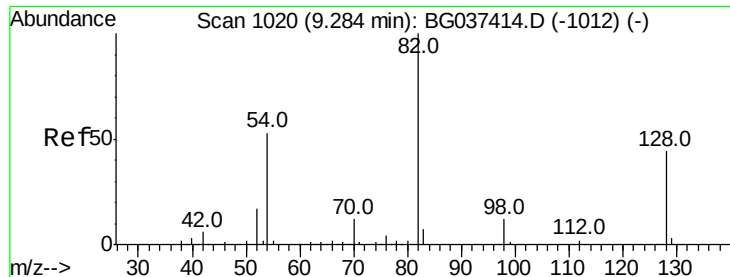
54 9.8 7.9 11.9

68 6.5 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

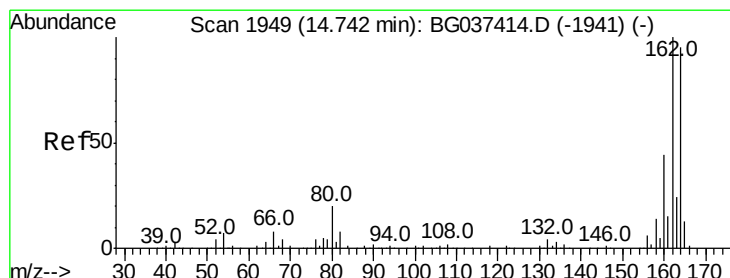
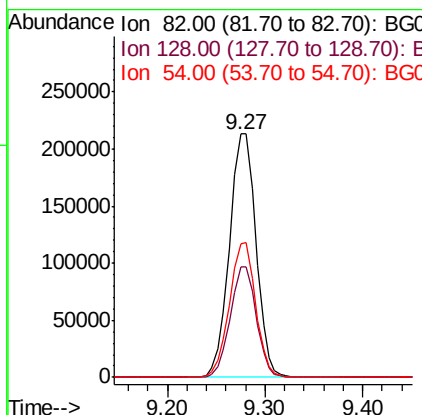
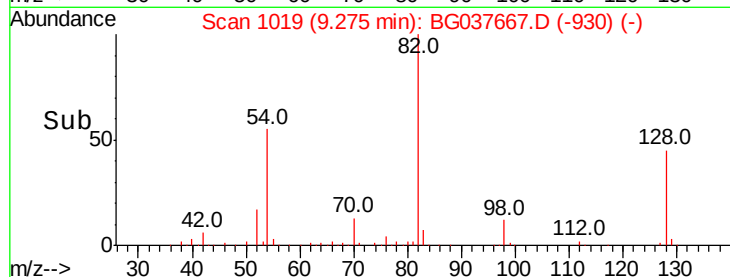
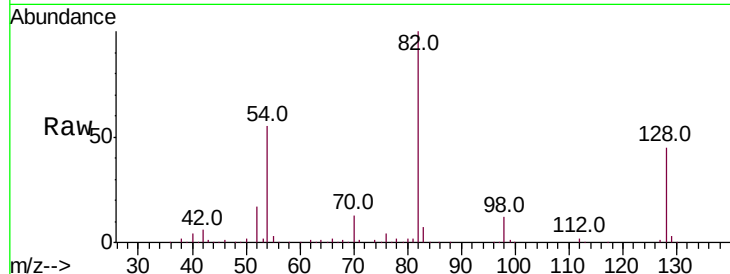




#23
 Nitrobenzene-d5
 Concen: 84.393 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037667.D
 Acq: 31 Oct 2018 00:29

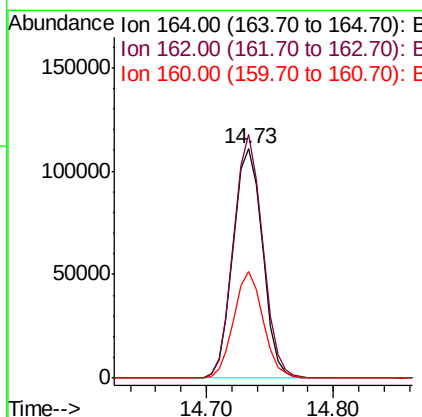
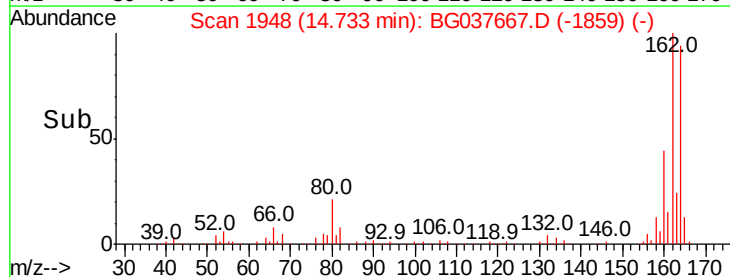
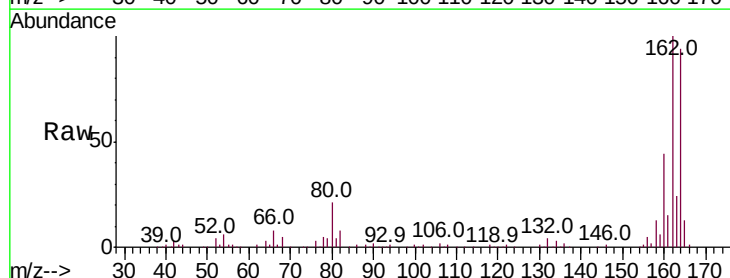
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-A

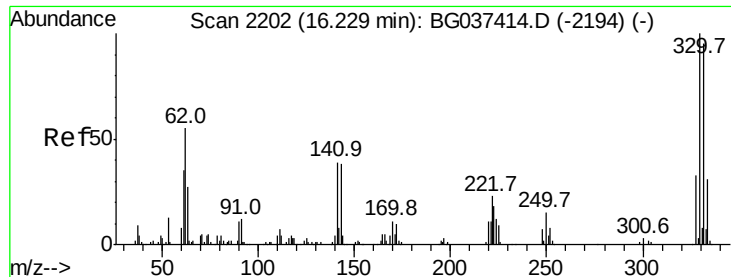
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	51.8
54	55.0	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037667.D
 Acq: 31 Oct 2018 00:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.4	81.3	121.9
160	46.3	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 121.320 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037667.D

Acq: 31 Oct 2018 00:29

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-A

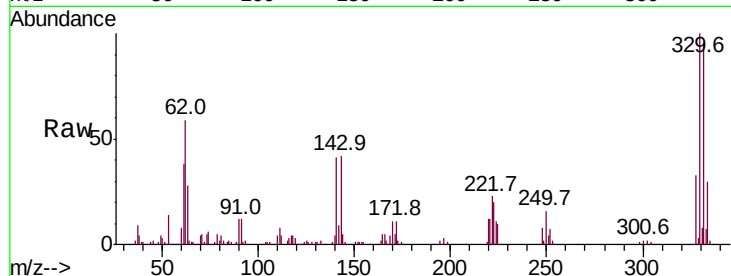
Tot Ion:330 Resp: 235641

Ion Ratio Lower Upper

330 100

332 95.3 78.4 117.6

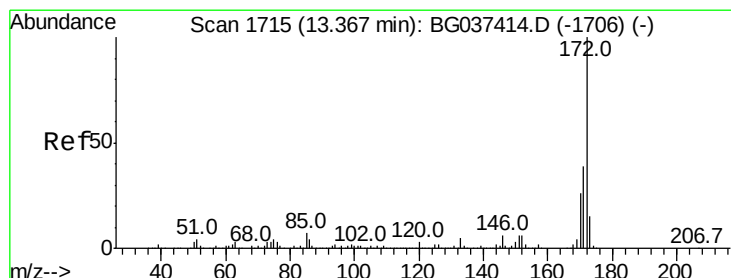
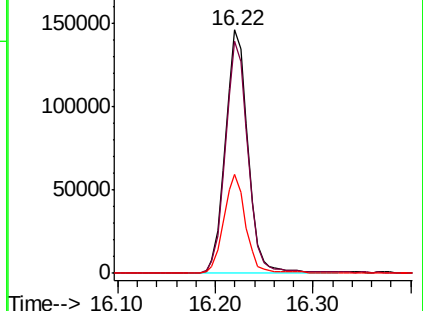
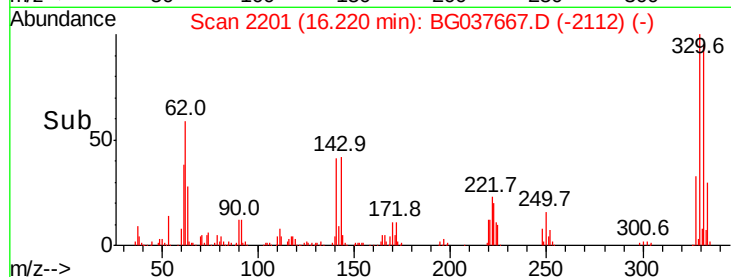
141 39.4 32.2 48.2



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: 78.643 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037667.D

Acq: 31 Oct 2018 00:29

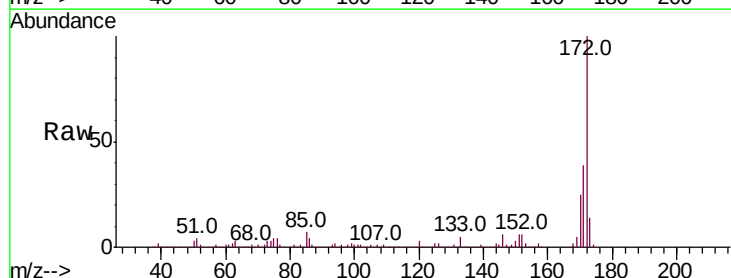
Tgt Ion:172 Resp: 928740

Ion Ratio Lower Upper

172 100

171 38.8 31.0 46.4

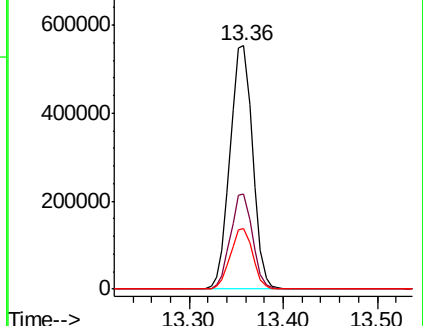
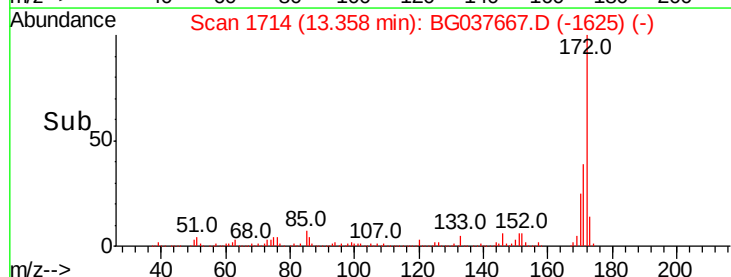
170 25.0 20.2 30.2

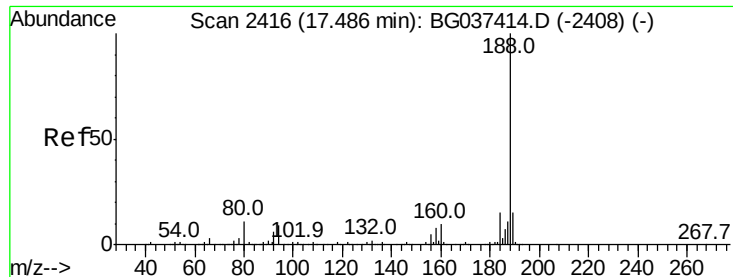


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

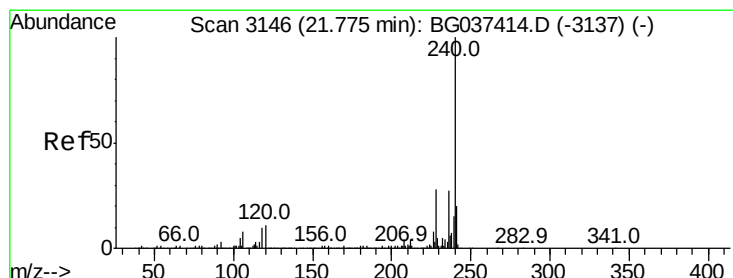
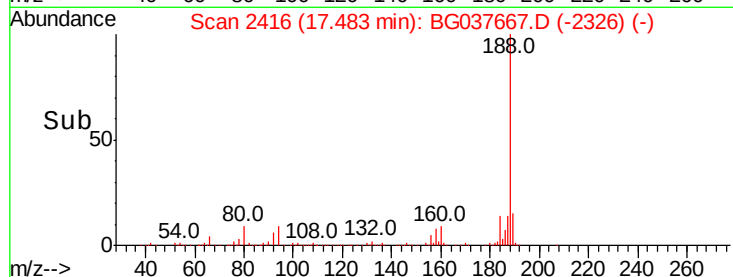
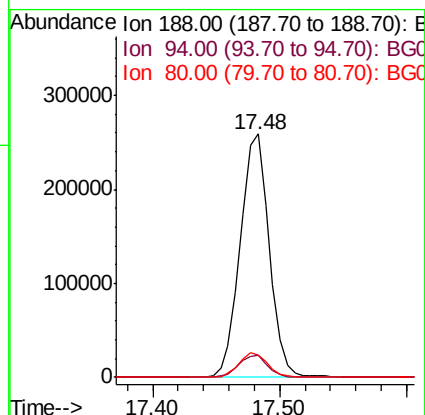
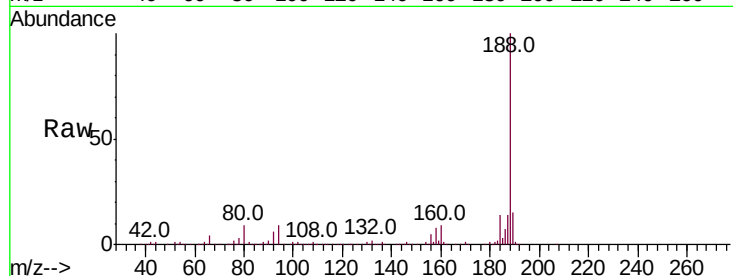




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037667.D
Acq: 31 Oct 2018 00:29

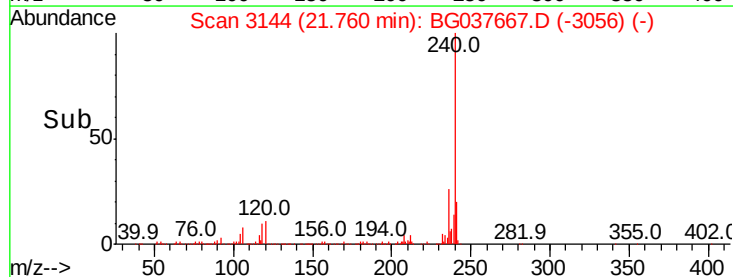
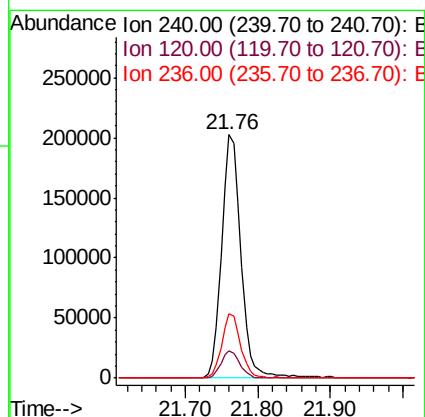
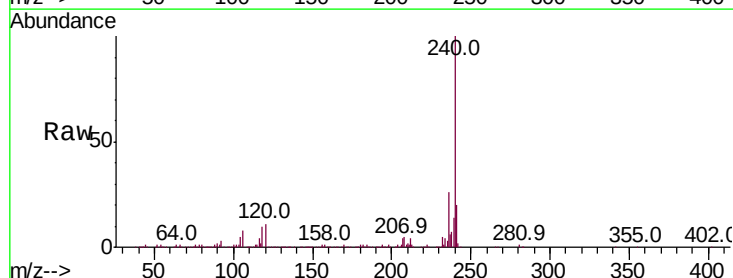
Instrument :
BNA_G
ClientSampleId :
HR-05-102618-A

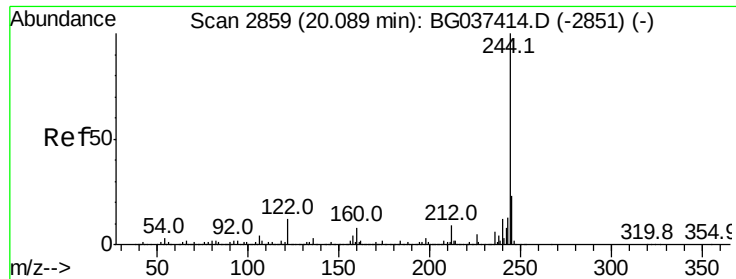
Tot Ion:188 Resp: 409152
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 9.3 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG037667.D
Acq: 31 Oct 2018 00:29

Tgt Ion:240 Resp: 376678
Ion Ratio Lower Upper
240 100
120 11.5 8.1 12.1
236 26.3 21.4 32.0





#79

Terphenyl-d14

Concen: 80.408 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037667.D

Acq: 31 Oct 2018 00:29

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-A

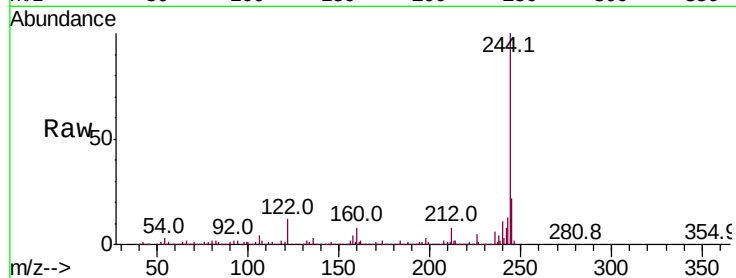
Tot Ion:244 Resp: 1417469

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

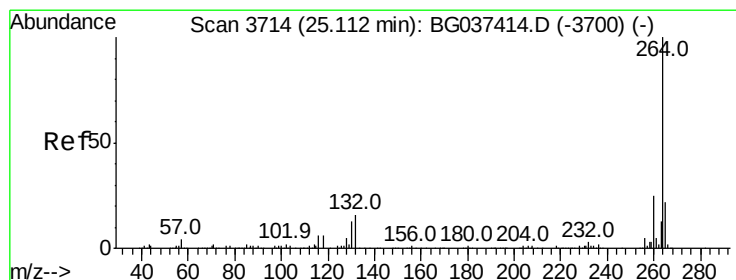
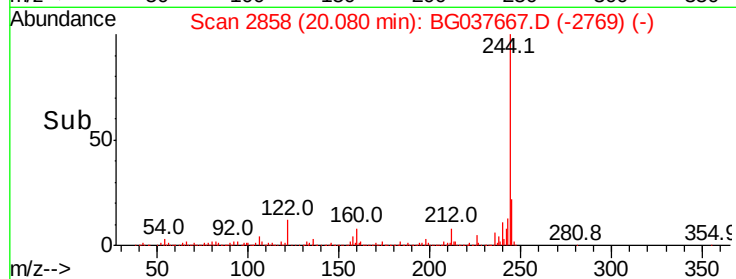
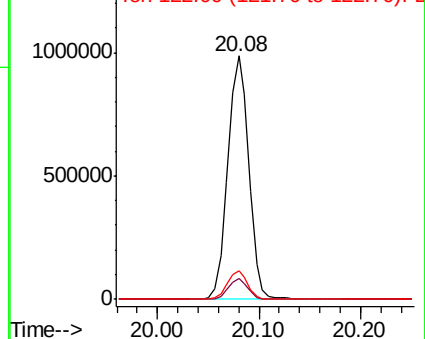
122 11.5 9.0 13.4



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: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037667.D

Acq: 31 Oct 2018 00:29

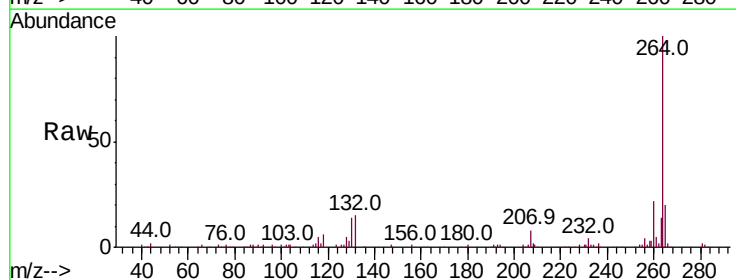
Tgt Ion:264 Resp: 350550

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.4

265 20.5 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

