

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037742.D
 Acq On : 2 Nov 2018 6:16
 Operator : JU/SJ
 Sample : J5200-18
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-103118-A

Quant Time: Nov 02 08:10:45 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	60467	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	274268	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	182535	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	404486	20.00	ng	0.00
76) Chrysene-d12	21.77	240	357781	20.00	ng	0.00
87) Perylene-d12	25.10	264	295799	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	387773	107.22	ng	0.00
7) Phenol-d6	7.24	99	504273	92.21	ng	0.00
23) Nitrobenzene-d5	9.28	82	401001	81.90	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	224328	112.68	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	956928	79.05	ng	-0.01
79) Terphenyl-d14	20.08	244	1428581	85.32	ng	0.00

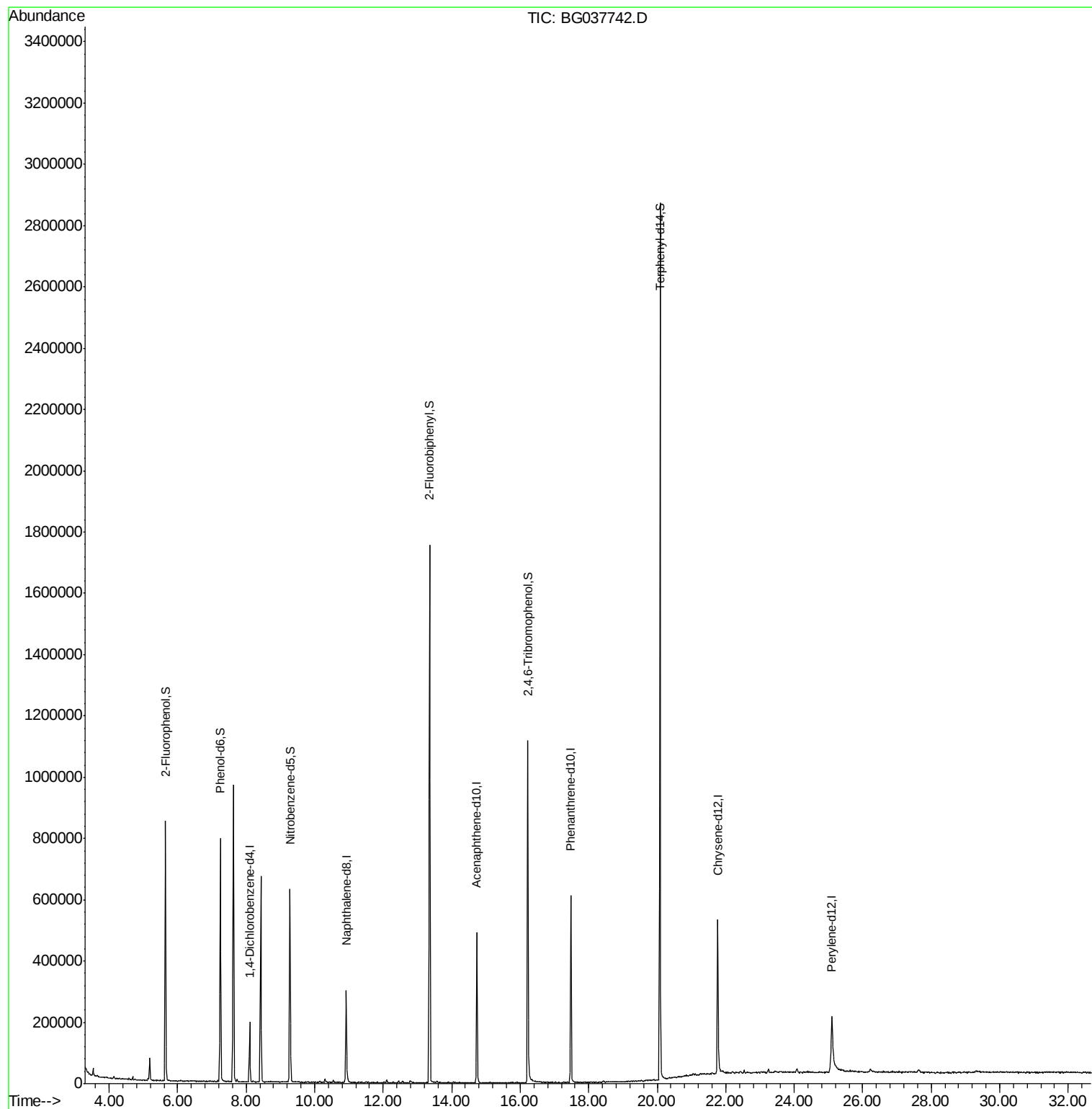
Target Compounds Qvalue

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

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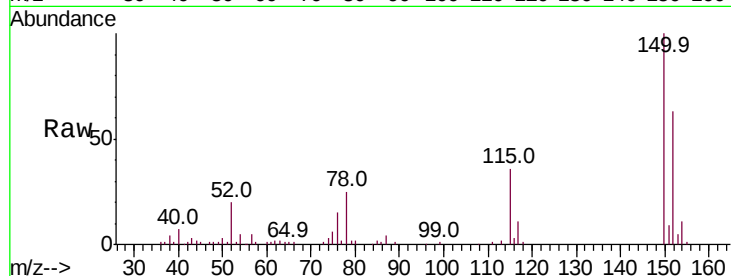


#1

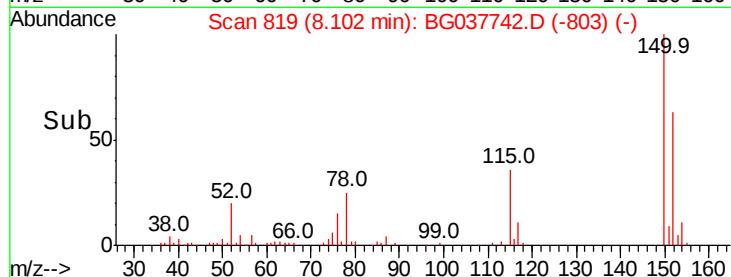
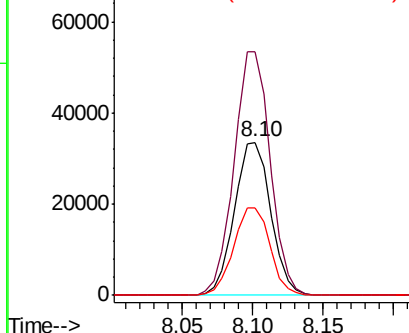
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037742.D
Acq: 2 Nov 2018 6:16

Instrument :
BNA_G
ClientSampleId :
OR-03-103118-A

Tot Ion:152 Resp: 60467
Ion Ratio Lower Upper
152 100
150 158.9 126.0 189.0
115 56.8 45.5 68.3



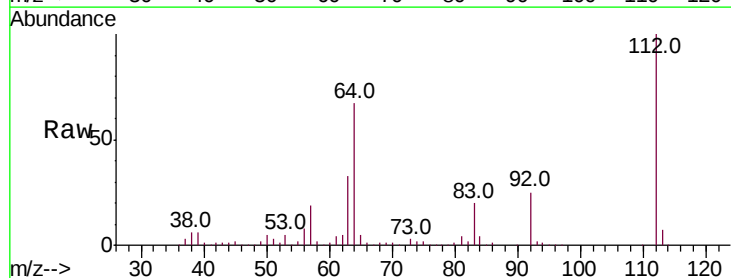
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



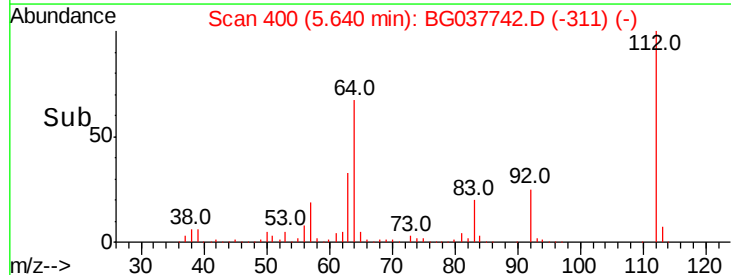
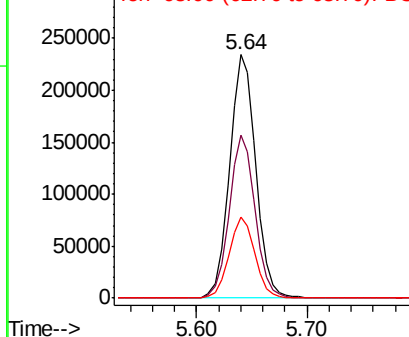
#5

2-Fluorophenol
Concen: 107.215 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037742.D
Acq: 2 Nov 2018 6:16

Tgt Ion:112 Resp: 387773
Ion Ratio Lower Upper
112 100
64 66.9 53.1 79.7
63 33.1 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: 92.206 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037742.D

Acq: 2 Nov 2018 6:16

Instrument :

BNA_G

ClientSampleId :

OR-03-103118-A

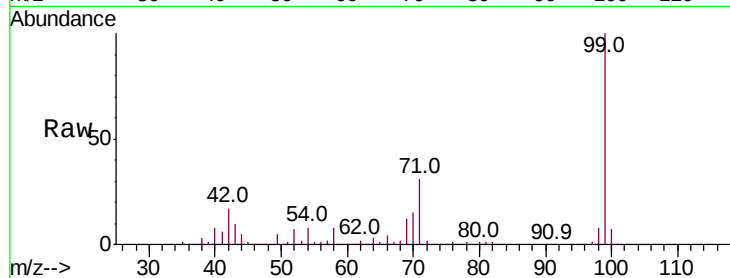
Tot Ion: 99 Resp: 504273

Ion Ratio Lower Upper

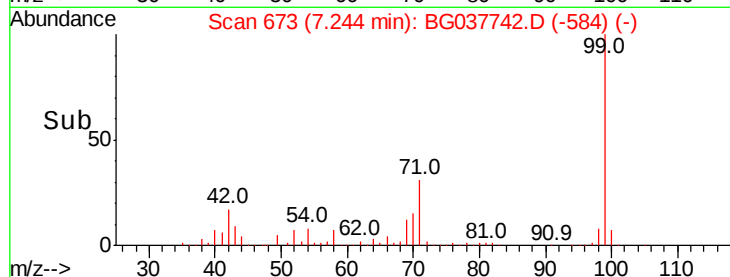
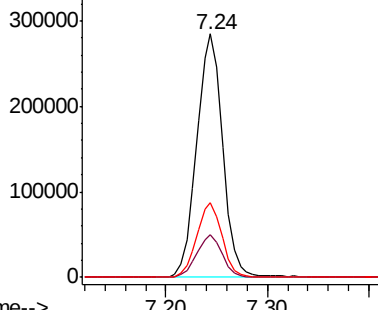
99 100

42 17.4 15.0 22.4

71 30.6 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: BG037742.D

Acq: 2 Nov 2018 6:16

Tgt Ion: 136 Resp: 274268

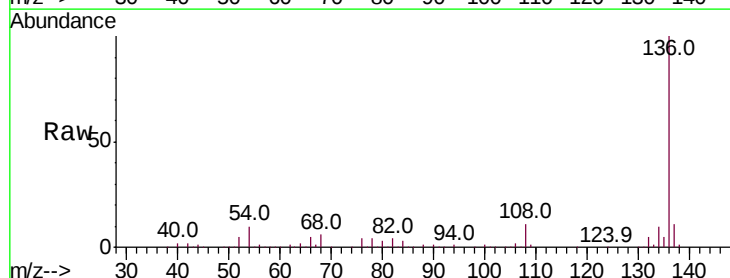
Ion Ratio Lower Upper

136 100

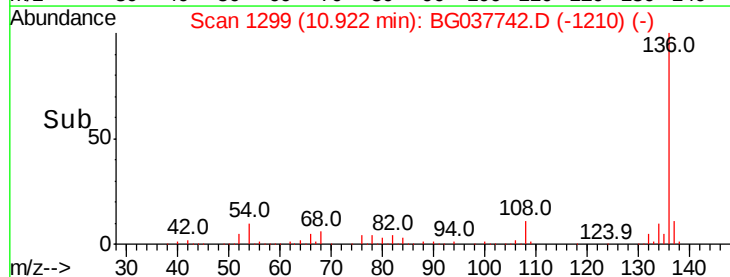
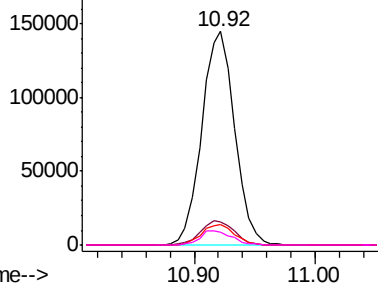
137 11.1 9.6 14.4

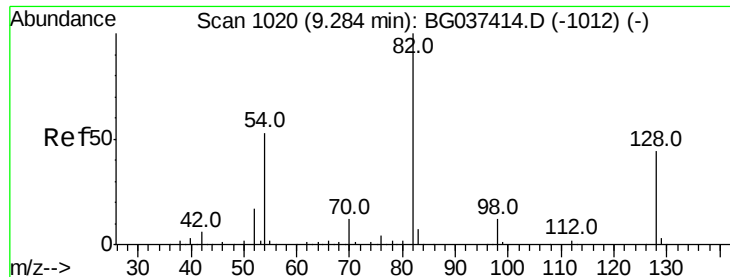
54 9.6 7.9 11.9

68 6.1 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

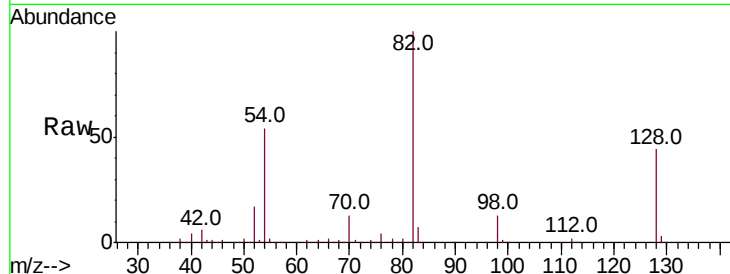




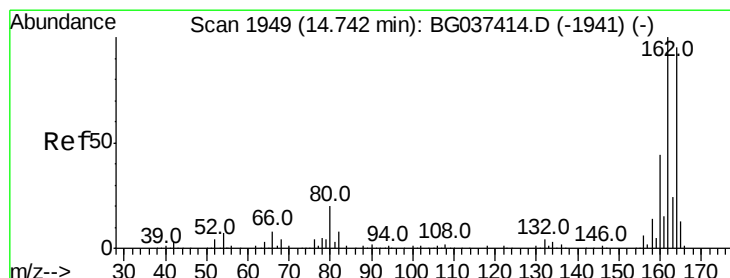
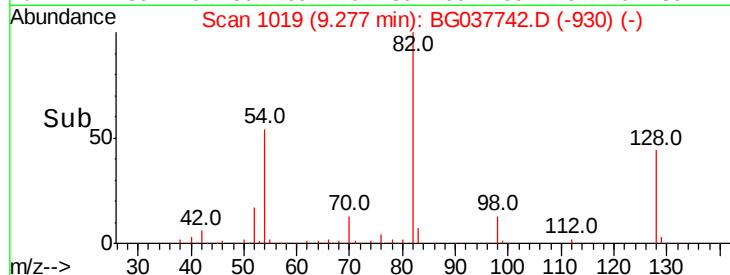
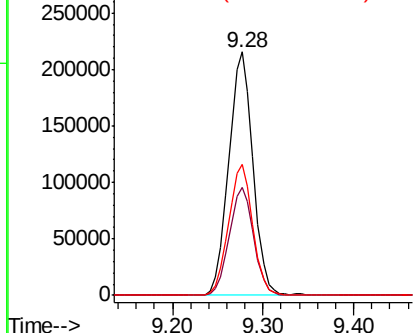
#23
 Nitrobenzene-d5
 Concen: 81.904 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037742.D
 Acq: 2 Nov 2018 6:16

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-103118-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	51.8
54	53.6	45.3	67.9

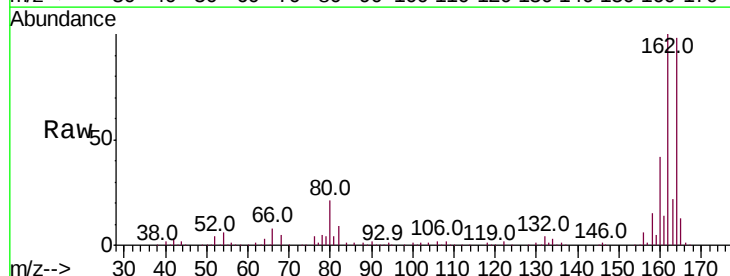


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

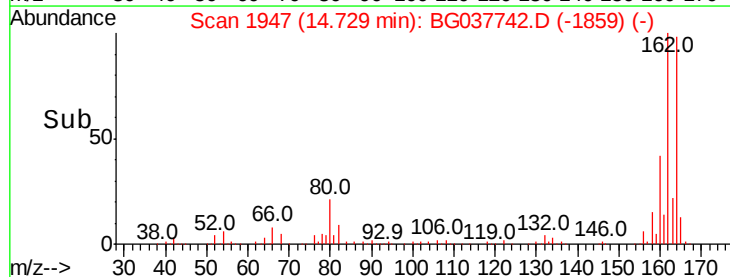
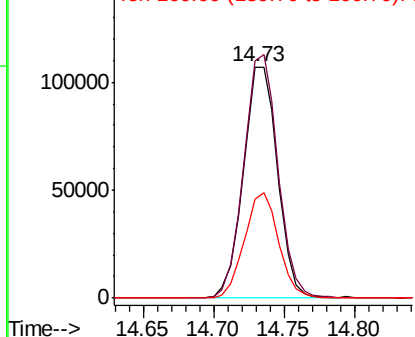


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG037742.D
 Acq: 2 Nov 2018 6:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.3	121.9
160	42.7	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: 112.677 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037742.D

Acq: 2 Nov 2018 6:16

Instrument :

BNA_G

ClientSampleId :

OR-03-103118-A

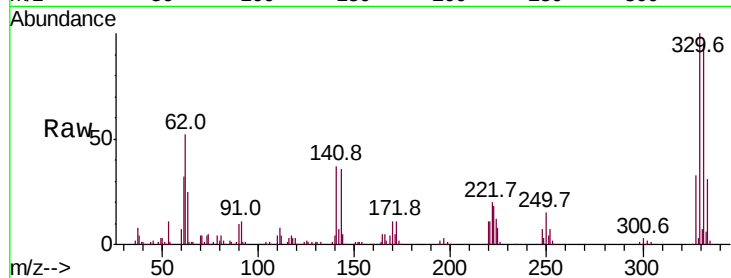
Tot Ion:330 Resp: 224328

Ion Ratio Lower Upper

330 100

332 95.3 78.4 117.6

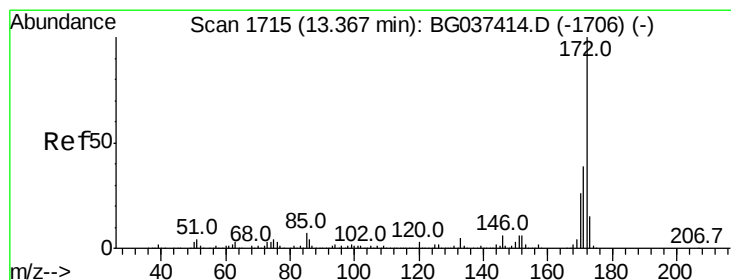
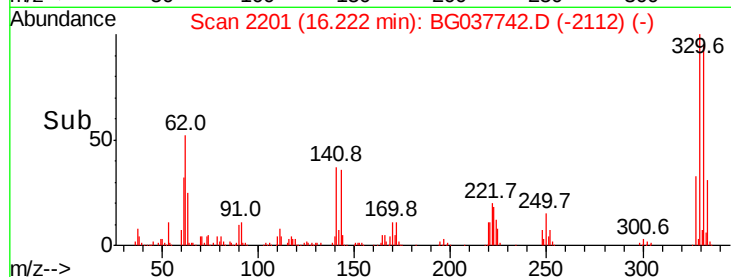
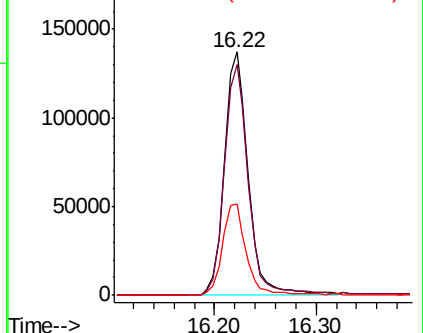
141 37.5 32.2 48.2



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: 79.053 ng

RT: 13.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG037742.D

Acq: 2 Nov 2018 6:16

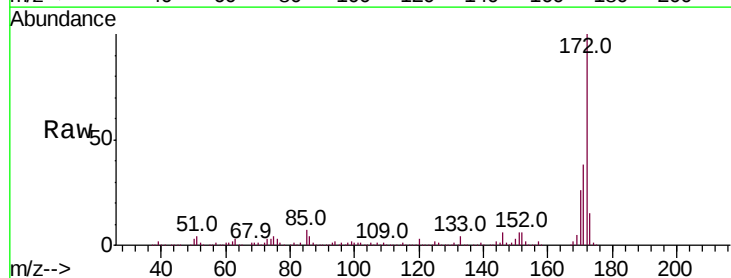
Tgt Ion:172 Resp: 956928

Ion Ratio Lower Upper

172 100

171 38.3 31.0 46.4

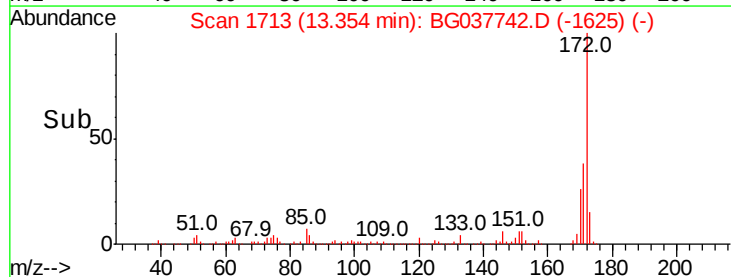
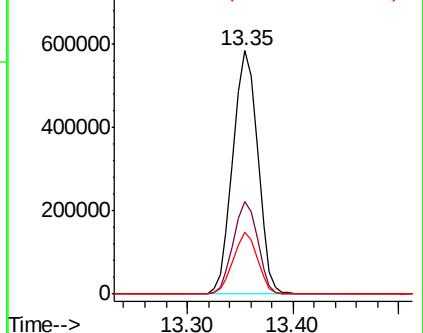
170 25.5 20.2 30.2

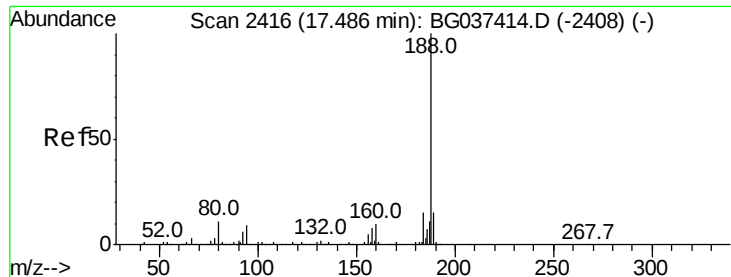


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

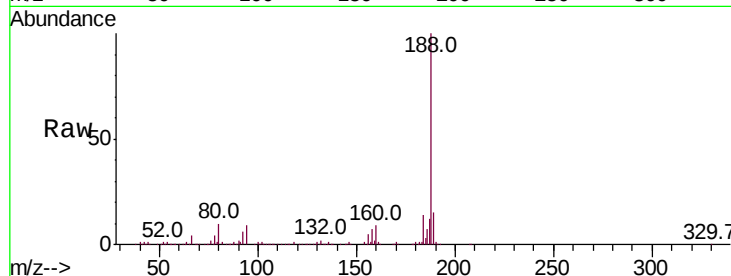




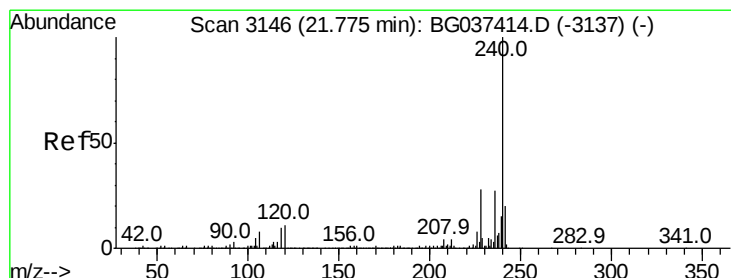
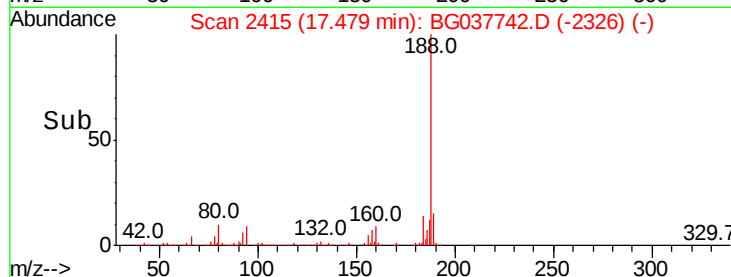
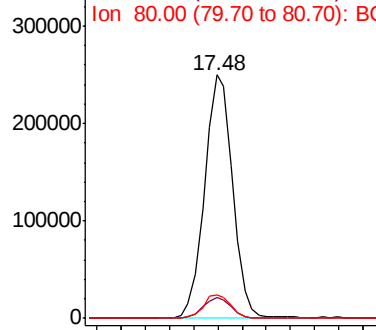
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037742.D
Acq: 2 Nov 2018 6:16

Instrument :
BNA_G
ClientSampleId :
OR-03-103118-A

Tot Ion:188 Resp: 404486
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.7 7.7 11.5

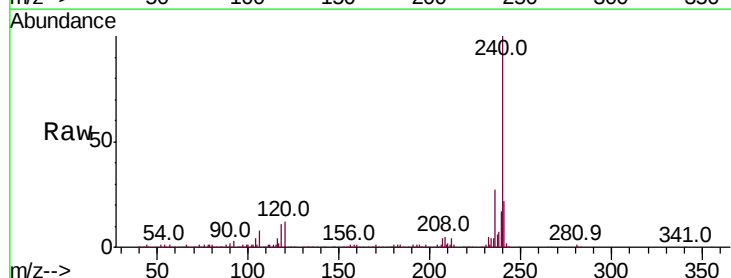


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

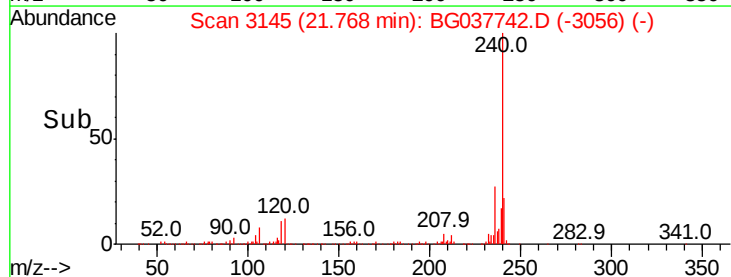
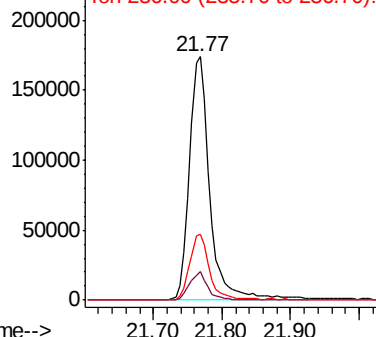


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037742.D
Acq: 2 Nov 2018 6:16

Tgt Ion:240 Resp: 357781
Ion Ratio Lower Upper
240 100
120 11.7 8.1 12.1
236 27.0 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: 85.319 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037742.D

Acq: 2 Nov 2018 6:16

Instrument :

BNA_G

ClientSampleId :

OR-03-103118-A

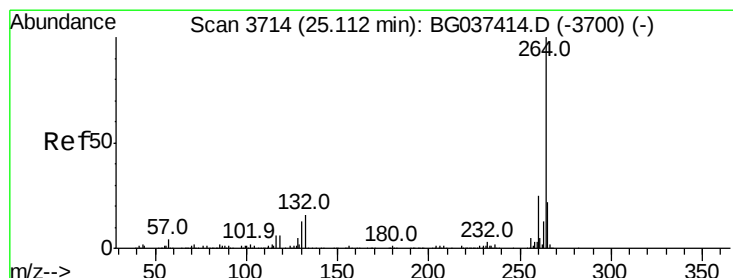
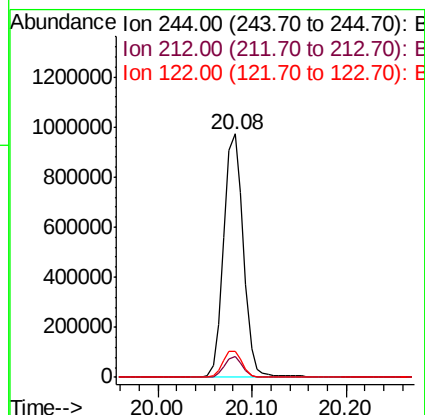
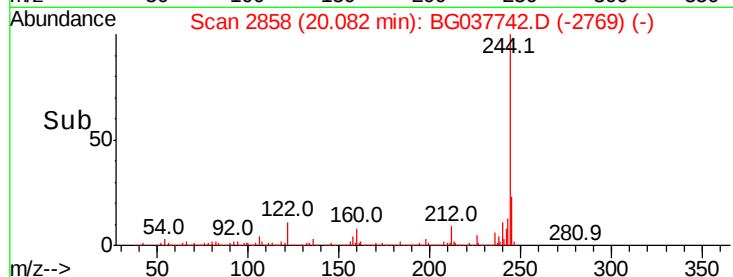
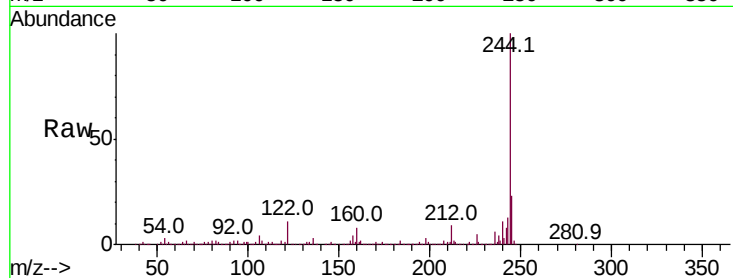
Tot Ion:244 Resp: 1428581

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

122 10.8 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037742.D

Acq: 2 Nov 2018 6:16

Tgt Ion:264 Resp: 295799

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

265 22.4 17.9 26.9

