

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037815.D
 Acq On : 5 Nov 2018 22:59
 Operator : JU/SJ
 Sample : J5771-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-110218-A

Quant Time: Nov 06 05:38:37 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	55533	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	243931	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	161800	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	352412	20.00	ng	0.00
76) Chrysene-d12	21.76	240	315773	20.00	ng	-0.02
87) Perylene-d12	25.10	264	247596	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	373237	112.37	ng	0.00
7) Phenol-d6	7.24	99	488333	97.22	ng	0.00
23) Nitrobenzene-d5	9.27	82	369907	84.95	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	161090	91.28	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	888047	82.76	ng	-0.02
79) Terphenyl-d14	20.07	244	1329430	89.96	ng	-0.02

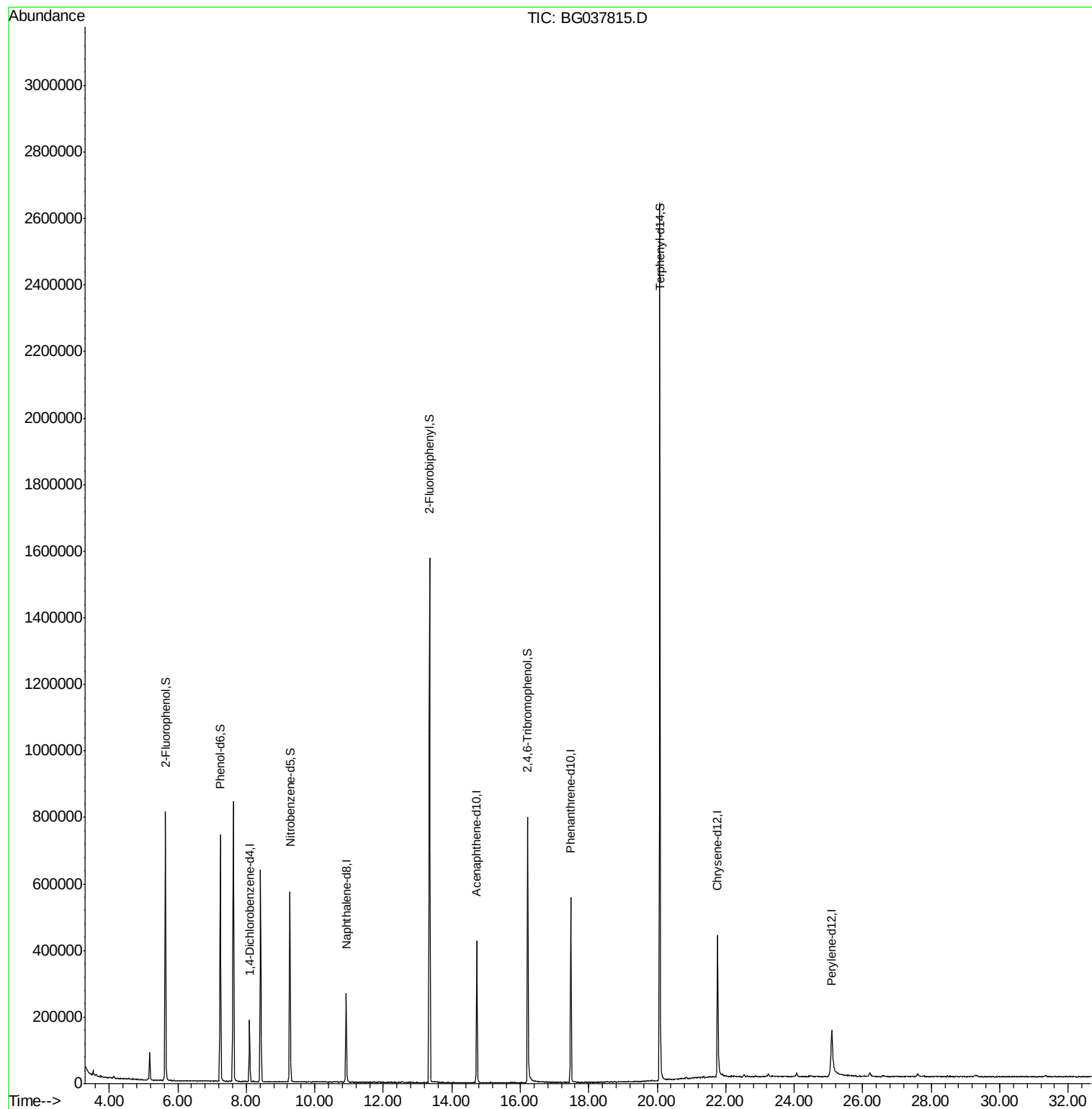
Target Compounds Qvalue

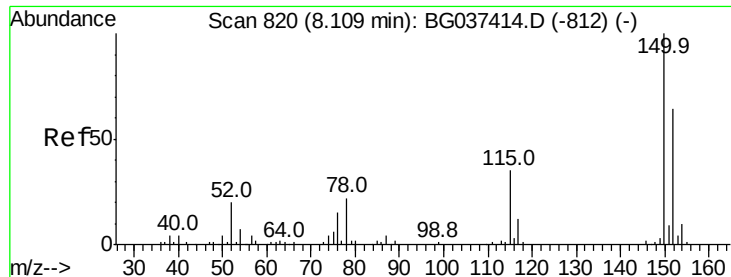
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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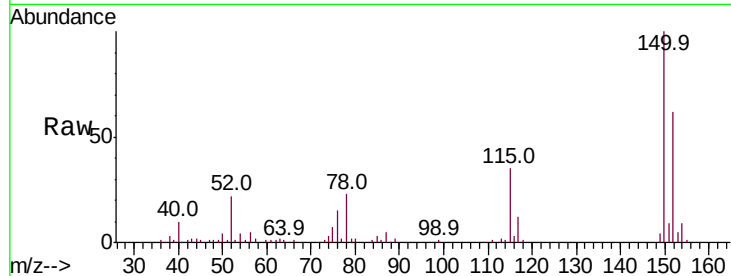


#1

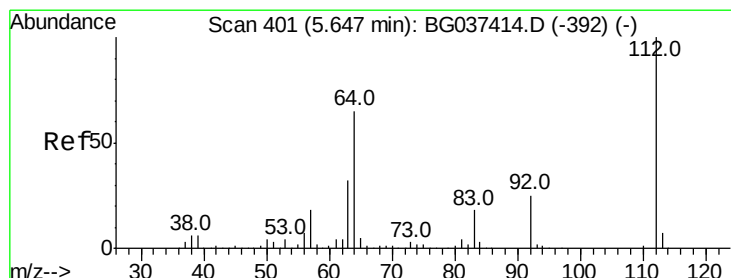
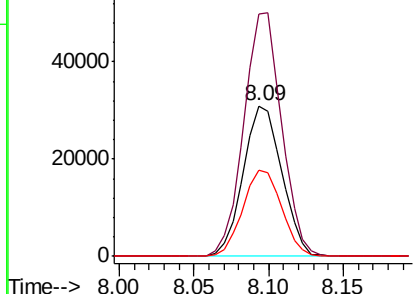
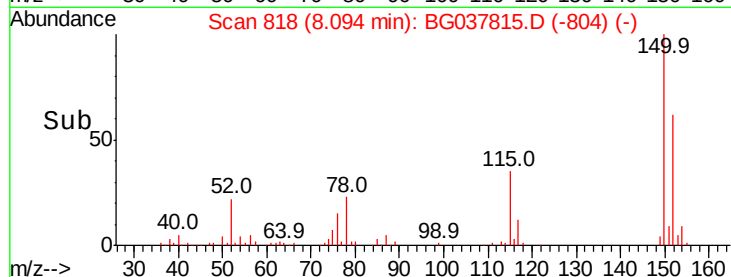
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037815.D
Acq: 5 Nov 2018 22:59

Instrument :
BNA_G
ClientSampleId :
EO-01-110218-A

Tot Ion:152 Resp: 55533
Ion Ratio Lower Upper
152 100
150 160.6 126.0 189.0
115 56.9 45.5 68.3



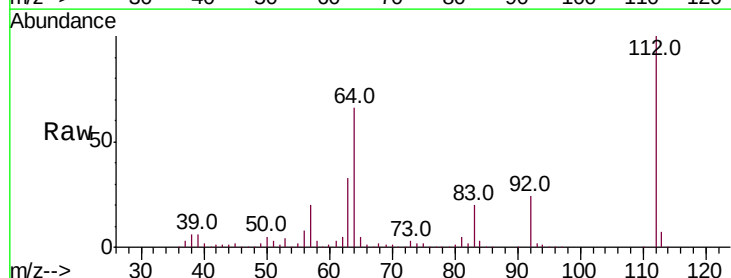
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



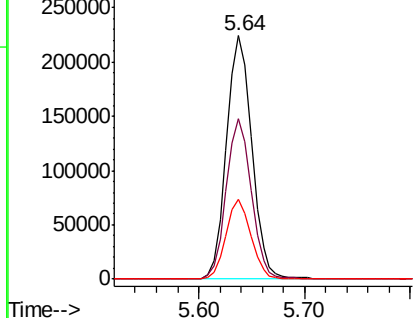
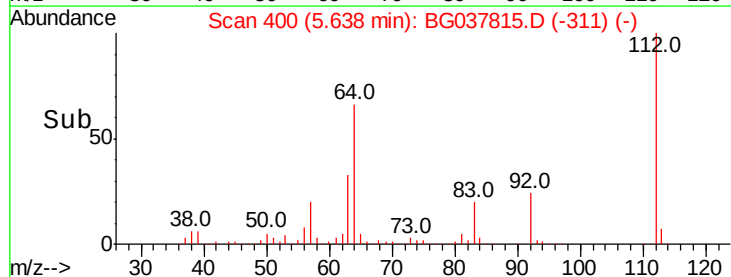
#5

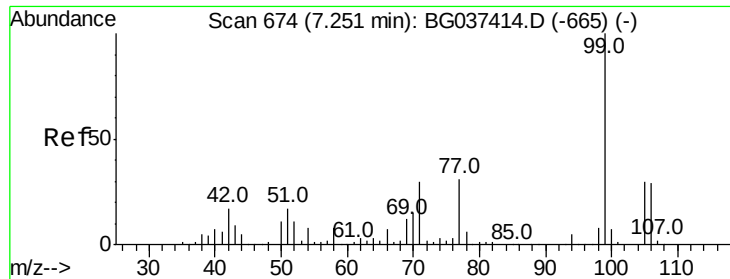
2-Fluorophenol
Concen: 112.365 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037815.D
Acq: 5 Nov 2018 22:59

Tgt Ion:112 Resp: 373237
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: 97.224 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037815.D

Acq: 5 Nov 2018 22:59

Instrument :

BNA_G

ClientSampleId :

EO-01-110218-A

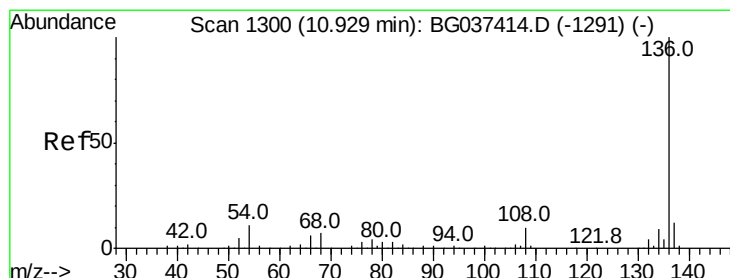
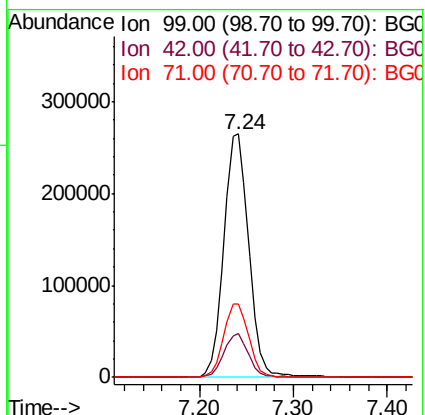
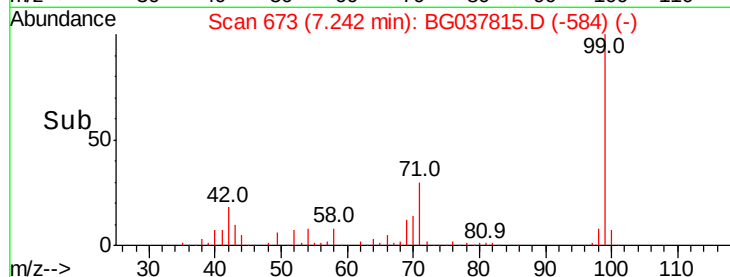
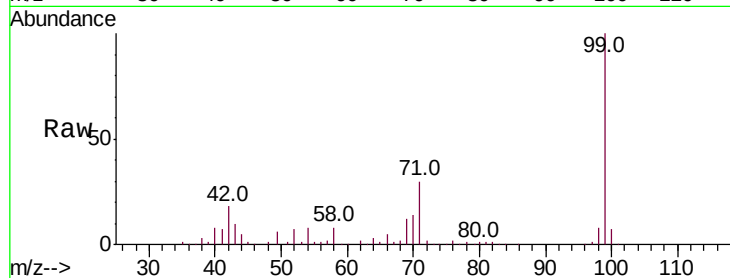
Tot Ion: 99 Resp: 488333

Ion Ratio Lower Upper

99 100

42 18.0 15.0 22.4

71 30.4 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: BG037815.D

Acq: 5 Nov 2018 22:59

Tgt Ion: 136 Resp: 243931

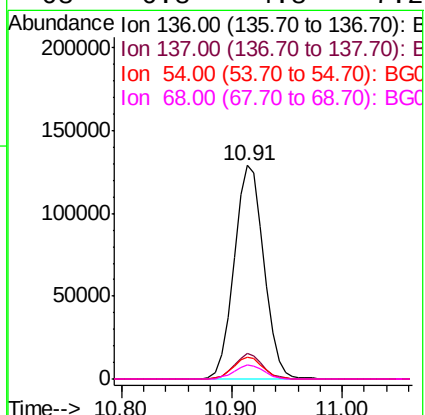
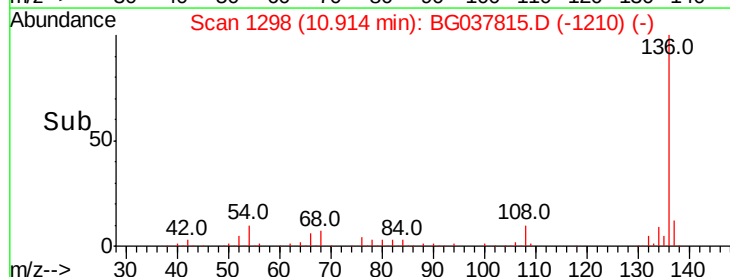
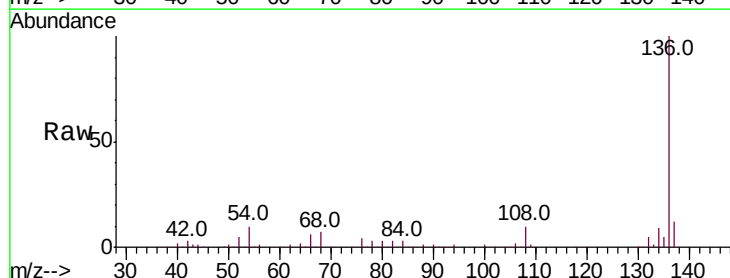
Ion Ratio Lower Upper

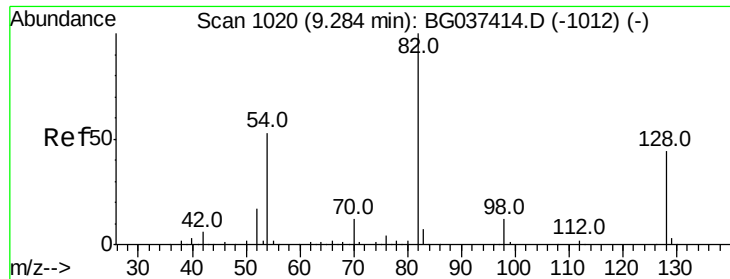
136 100

137 12.3 9.6 14.4

54 10.2 7.9 11.9

68 6.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 84.949 ng

RT: 9.27 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BG037815.D

Acq: 5 Nov 2018 22:59

Instrument :

BNA_G

ClientSampleId :

EO-01-110218-A

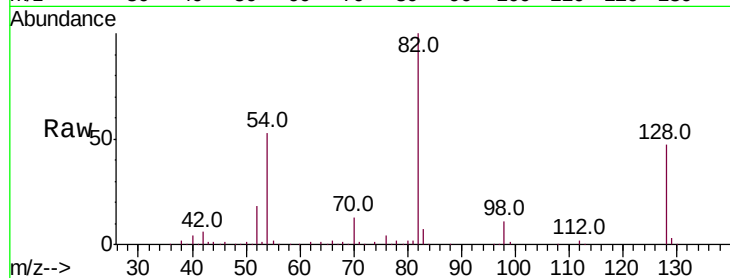
Tot Ion: 82 Resp: 369907

Ion Ratio Lower Upper

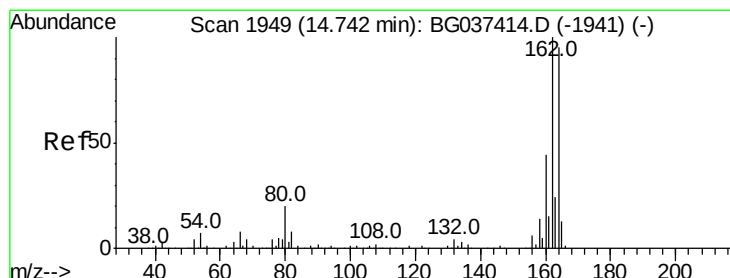
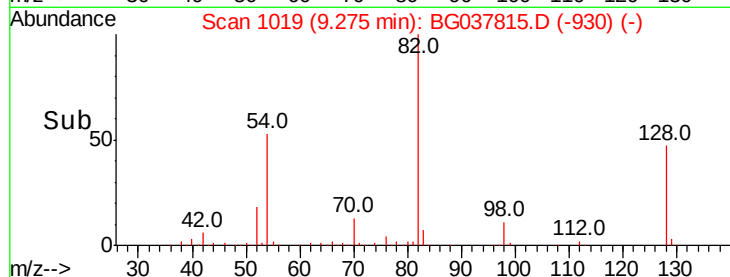
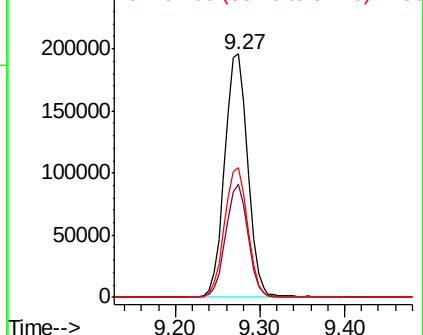
82 100

128 46.6 34.6 51.8

54 53.4 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: BG037815.D

Acq: 5 Nov 2018 22:59

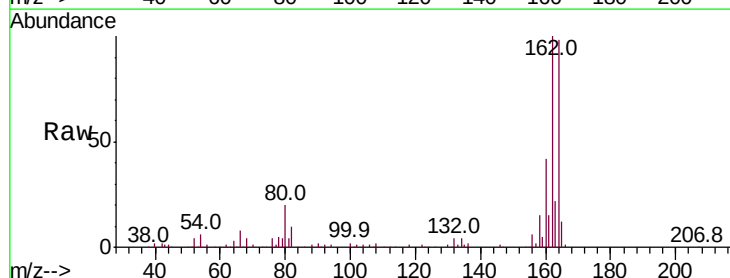
Tgt Ion:164 Resp: 161800

Ion Ratio Lower Upper

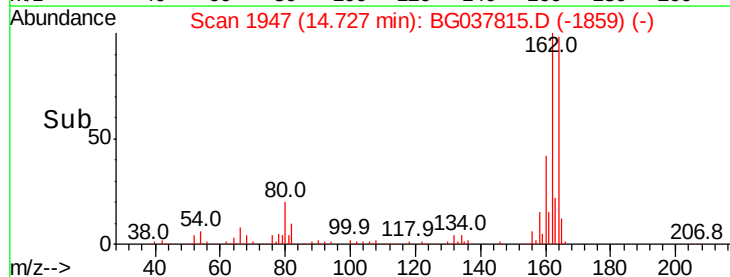
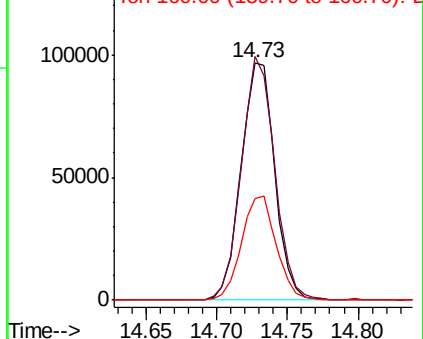
164 100

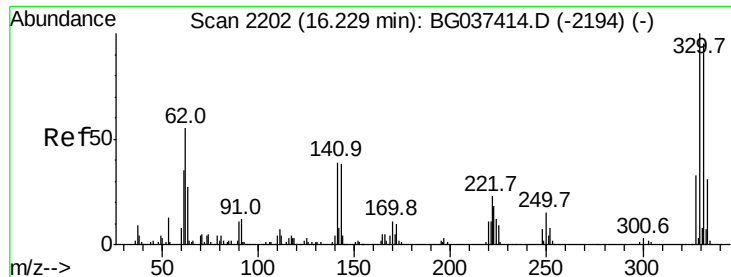
162 102.4 81.3 121.9

160 42.6 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

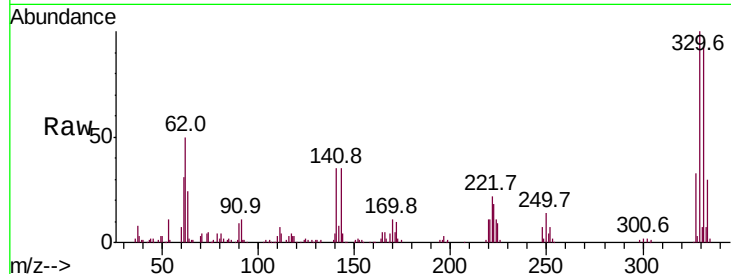




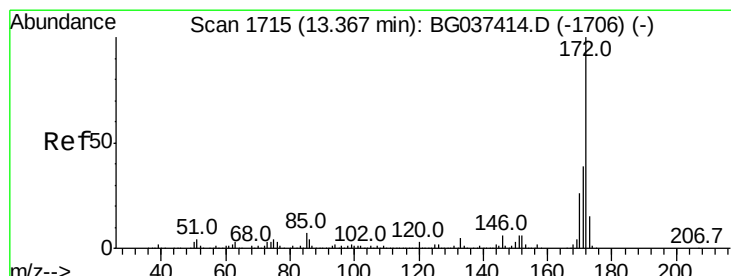
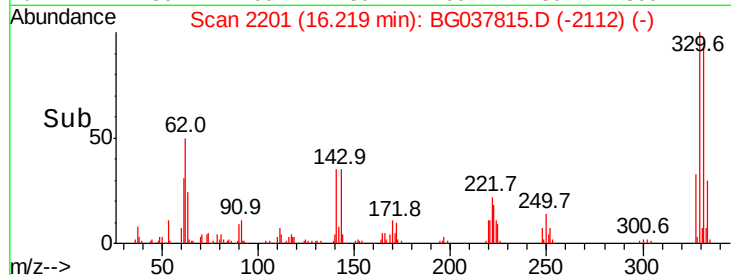
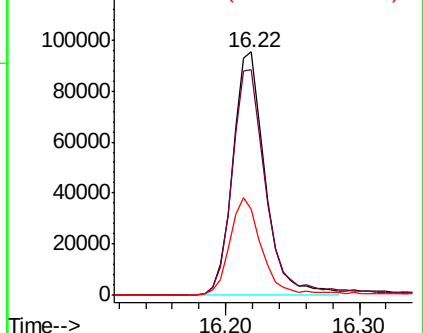
#42
 2,4,6-Tribromophenol
 Concen: 91.283 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037815.D
 Acq: 5 Nov 2018 22:59

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-110218-A

Tot Ion:330 Resp: 161090
 Ion Ratio Lower Upper
 330 100
 332 98.2 78.4 117.6
 141 40.5 32.2 48.2

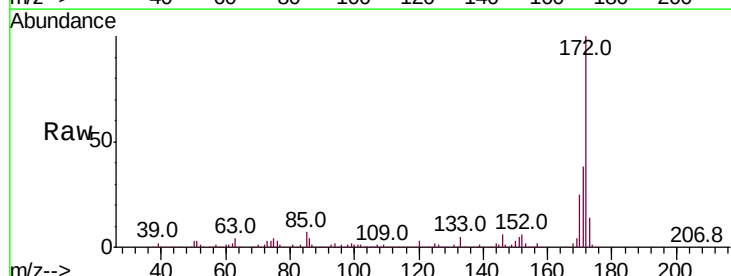


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

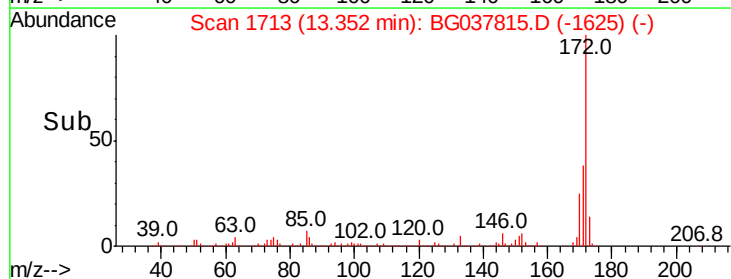
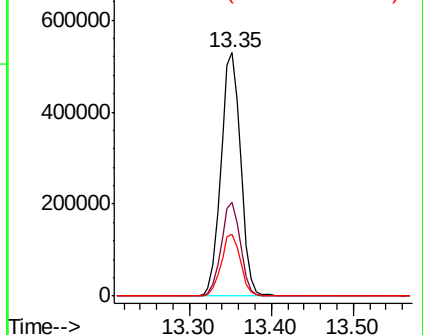


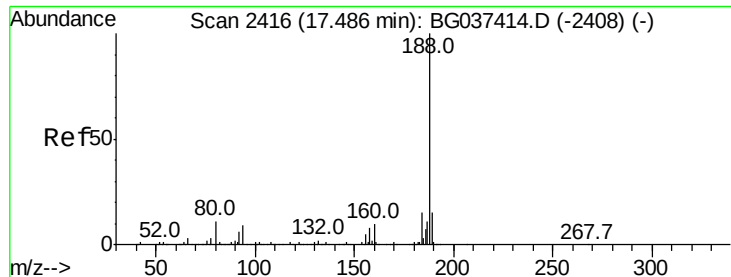
#45
 2-Fluorobiphenyl
 Concen: 82.764 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BG037815.D
 Acq: 5 Nov 2018 22:59

Tgt Ion:172 Resp: 888047
 Ion Ratio Lower Upper
 172 100
 171 38.4 31.0 46.4
 170 25.3 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: BG037815.D

Acq: 5 Nov 2018 22:59

Instrument :

BNA_G

ClientSampleId :

EO-01-110218-A

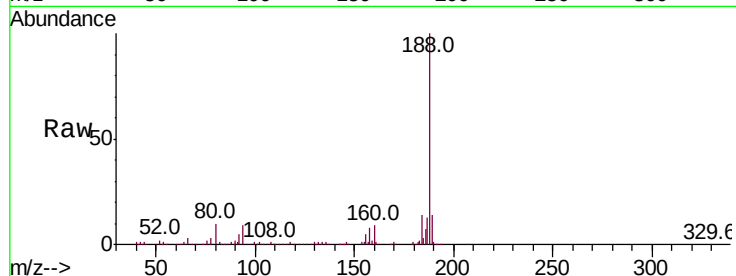
Tot Ion:188 Resp: 352412

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

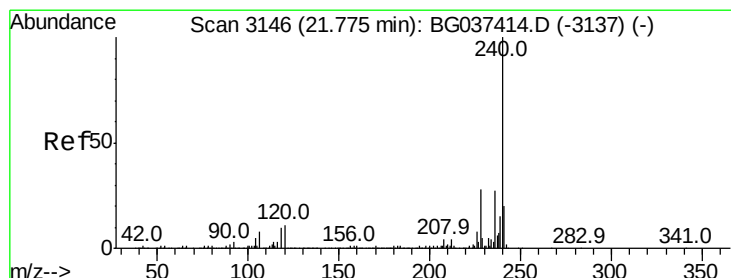
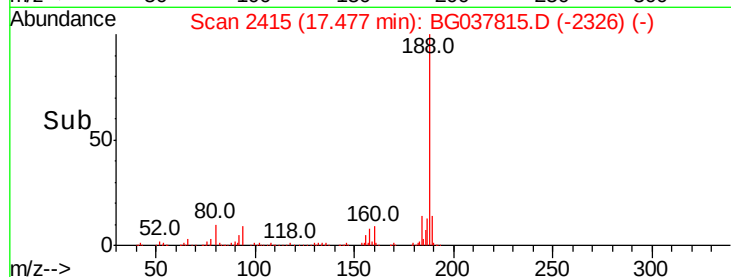
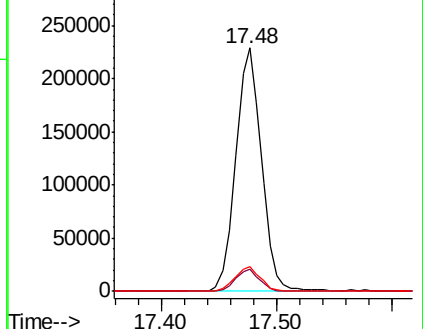
80 10.2 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG037815.D

Acq: 5 Nov 2018 22:59

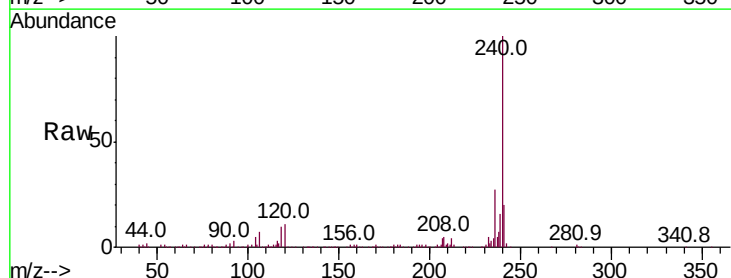
Tgt Ion:240 Resp: 315773

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

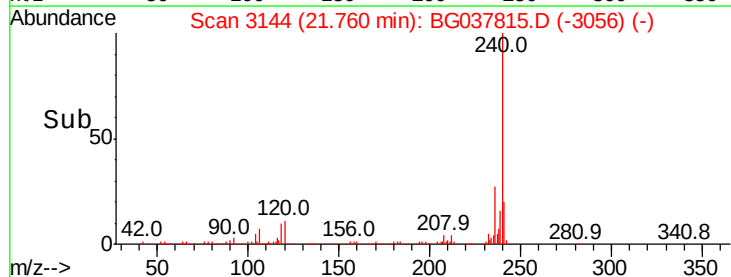
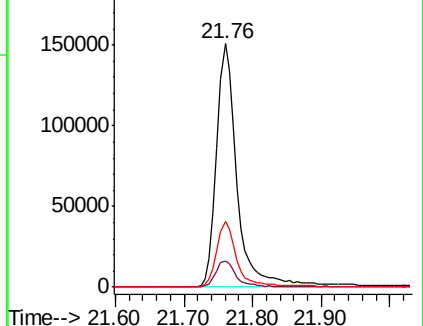
236 27.0 21.4 32.0

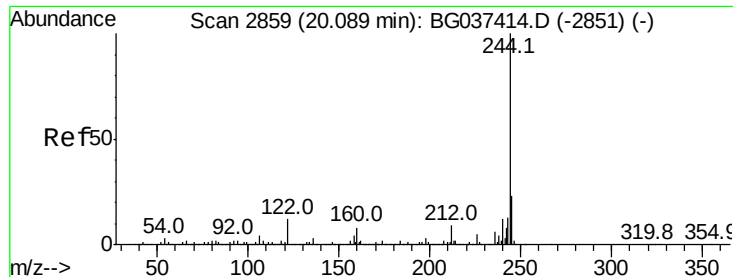


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.960 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037815.D

Acq: 5 Nov 2018 22:59

Instrument :

BNA_G

ClientSampleId :

EO-01-110218-A

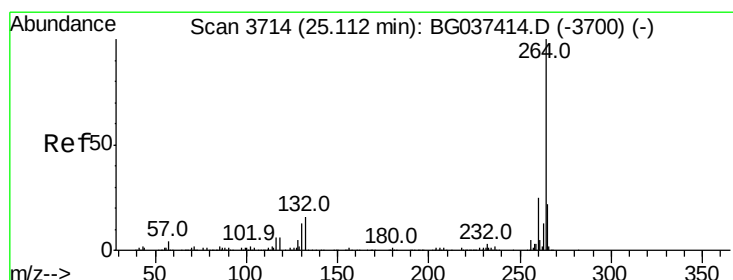
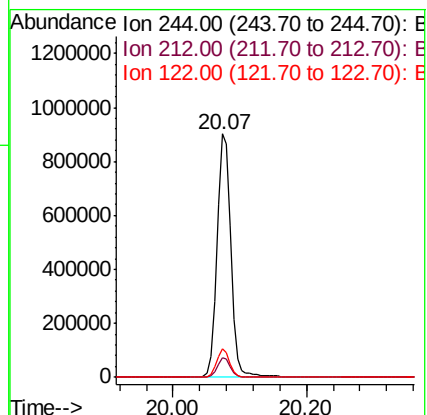
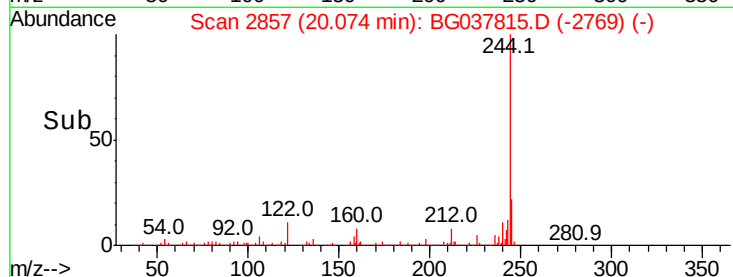
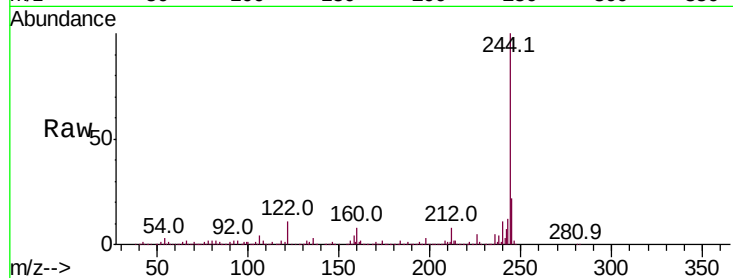
Tot Ion:244 Resp: 1329430

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

122 11.5 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG037815.D

Acq: 5 Nov 2018 22:59

Tgt Ion:264 Resp: 247596

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

265 23.6 17.9 26.9

