

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037803.D
 Acq On : 5 Nov 2018 15:11
 Operator : JU/SJ
 Sample : PB114322BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BL

Quant Time: Nov 05 16:02:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 05 13:45:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	59941	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	273405	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	180931	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	398768	20.00	ng	0.00
76) Chrysene-d12	21.76	240	353479	20.00	ng	0.00
87) Perylene-d12	25.09	264	295014	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	453430	126.47	ng	0.00
7) Phenol-d6	7.24	99	655858	120.98	ng	0.00
23) Nitrobenzene-d5	9.27	82	387843	79.47	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	215304	109.10	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	993273	82.78	ng	0.00
79) Terphenyl-d14	20.07	244	1382049	83.54	ng	0.00

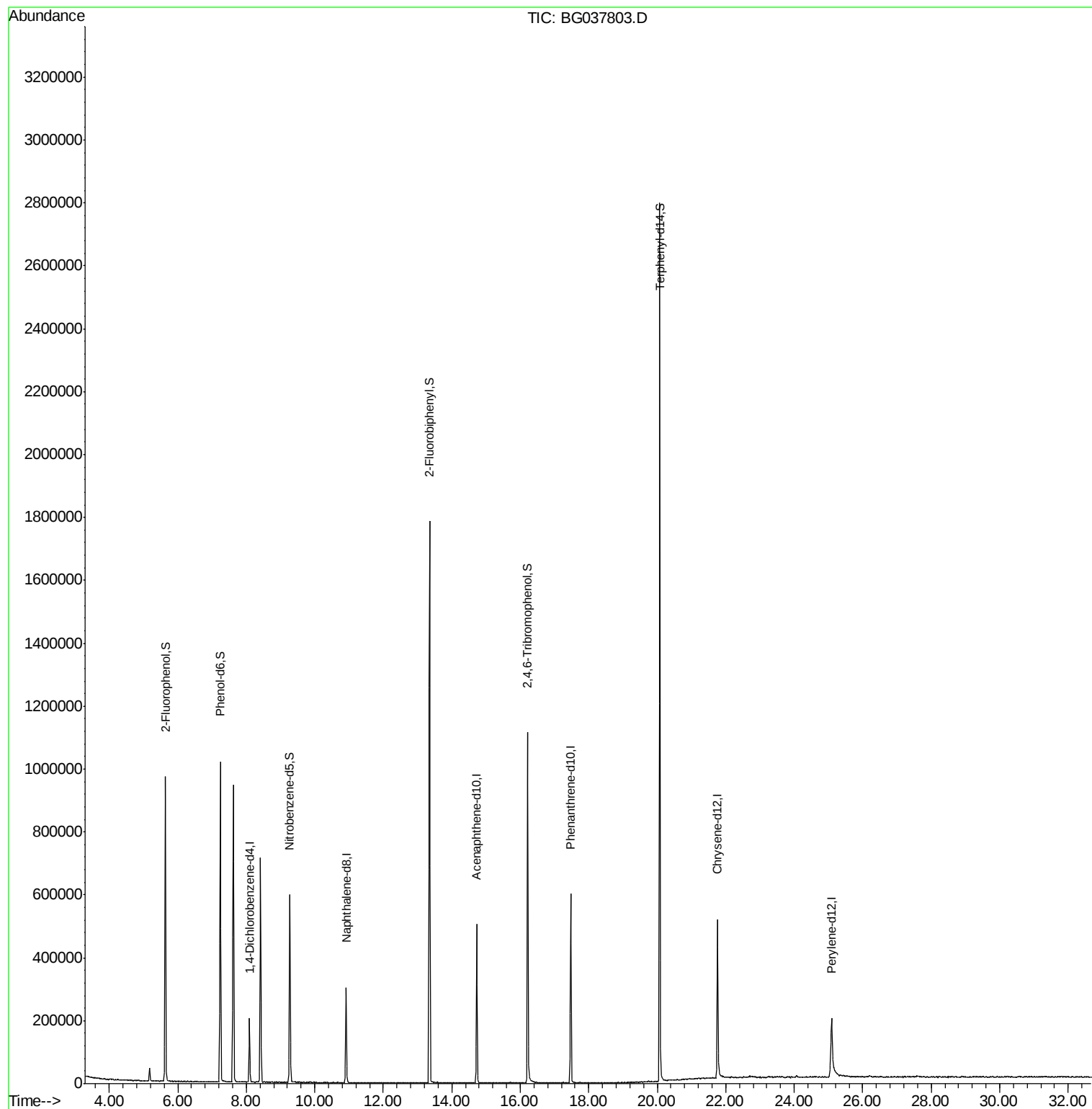
Target Compounds Qvalue

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

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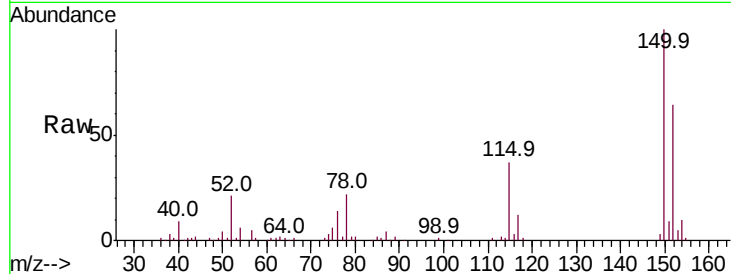


#1

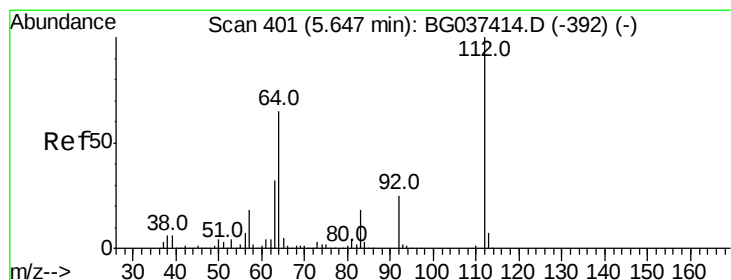
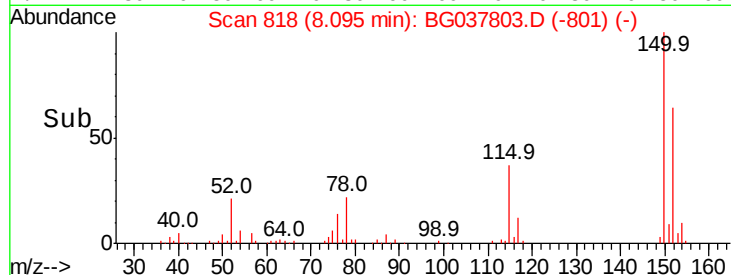
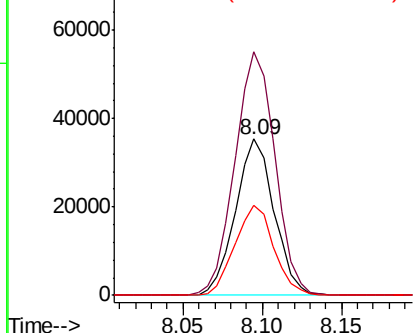
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG037803.D
Acq: 5 Nov 2018 15:11

Instrument :
BNA_G
ClientSampleId :
PB114322BL

Tot Ion:152 Resp: 59941
Ion Ratio Lower Upper
152 100
150 155.8 126.0 189.0
115 57.4 45.5 68.3



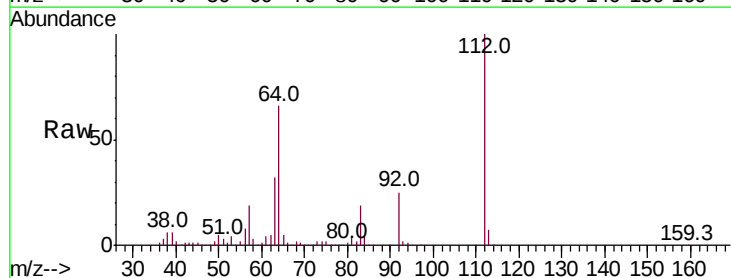
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



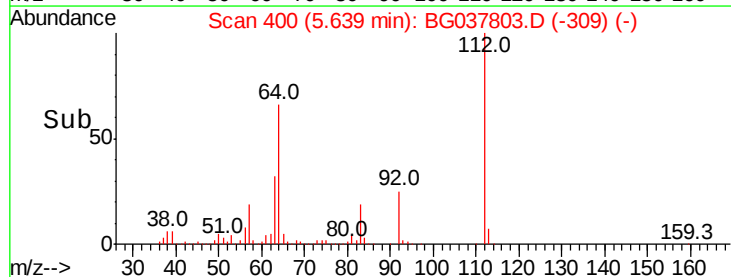
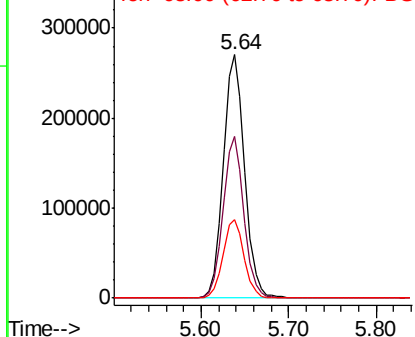
#5

2-Fluorophenol
Concen: 126.469 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.00 min
Lab File: BG037803.D
Acq: 5 Nov 2018 15:11

Tgt Ion:112 Resp: 453430
Ion Ratio Lower Upper
112 100
64 66.2 53.1 79.7
63 32.3 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: 120.975 ng

RT: 7.24 min Scan# 673

Delta R.T. 0.00 min

Lab File: BG037803.D

Acq: 5 Nov 2018 15:11

Instrument :

BNA_G

ClientSampleId :

PB114322BL

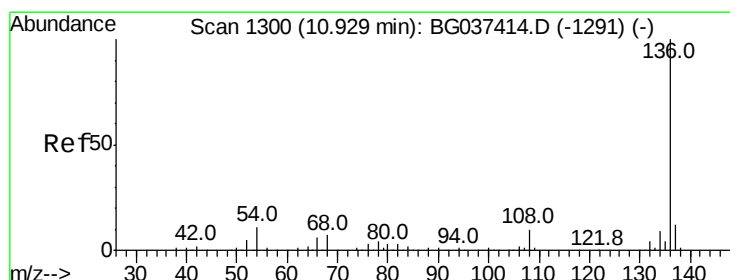
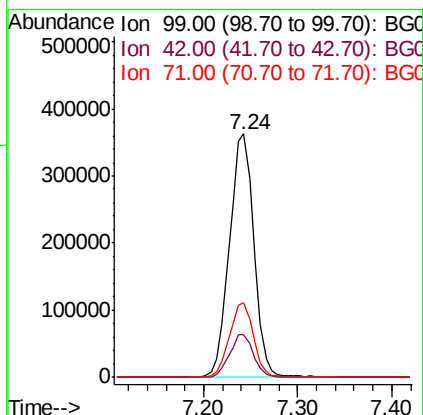
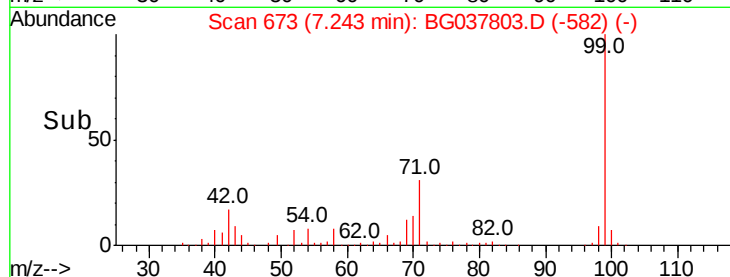
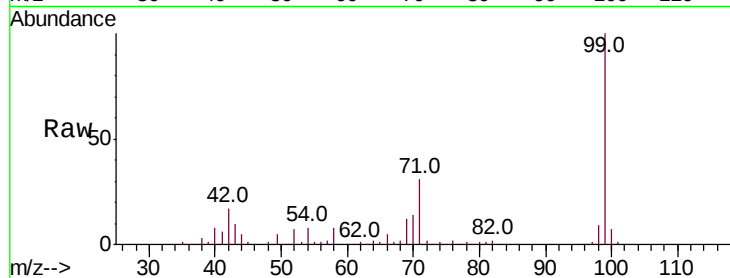
Tot Ion: 99 Resp: 655858

Ion Ratio Lower Upper

99 100

42 17.5 15.0 22.4

71 30.7 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG037803.D

Acq: 5 Nov 2018 15:11

Tgt Ion: 136 Resp: 273405

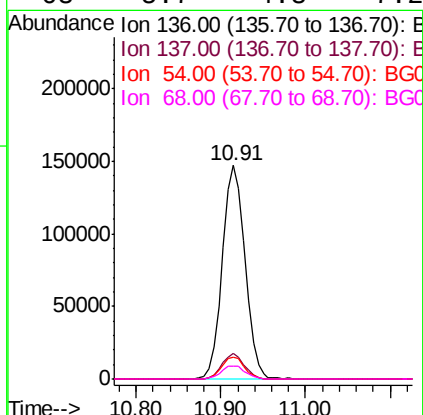
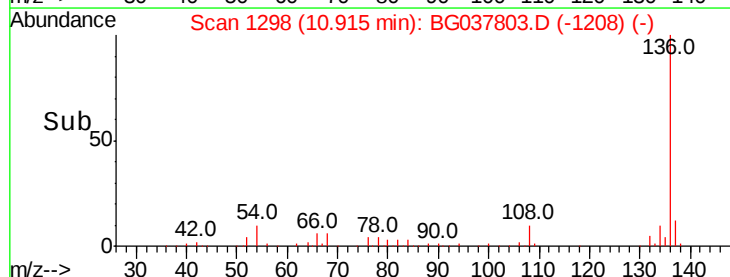
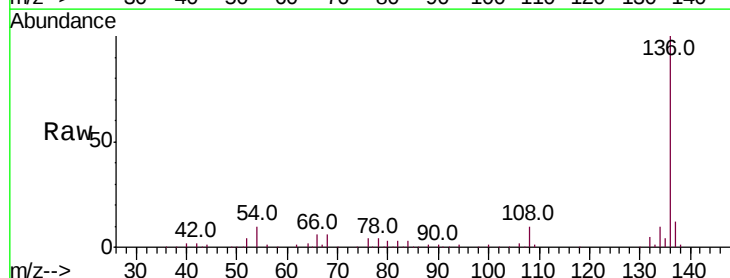
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 10.4 7.9 11.9

68 5.7 4.8 7.2

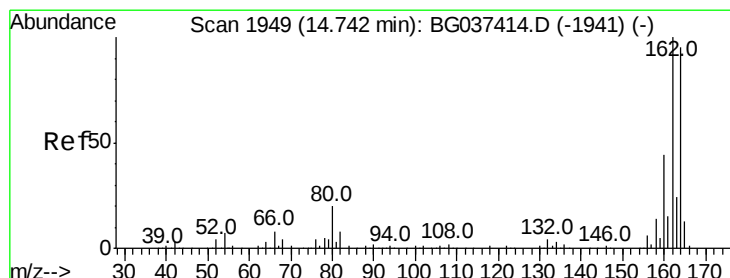
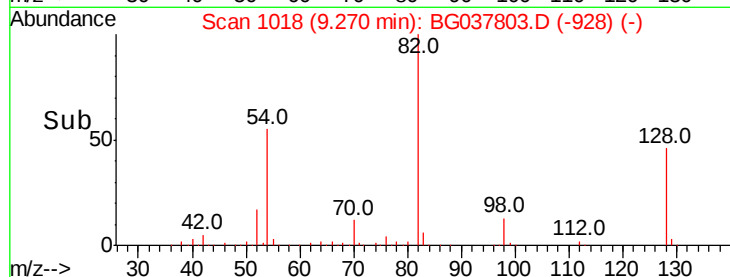
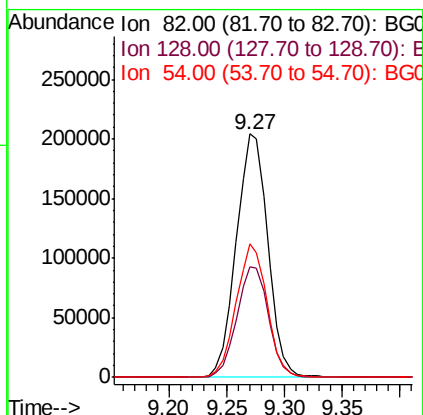
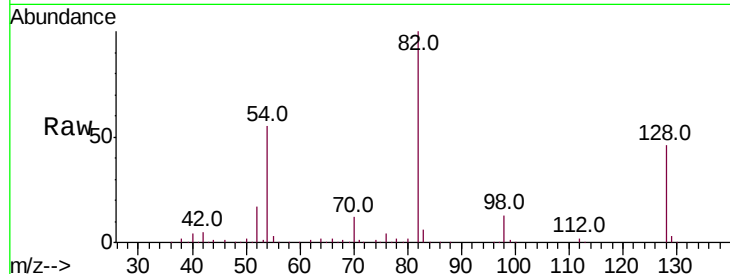




#23
Nitrobenzene-d5
Concen: 79.467 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG037803.D
Acq: 5 Nov 2018 15:11

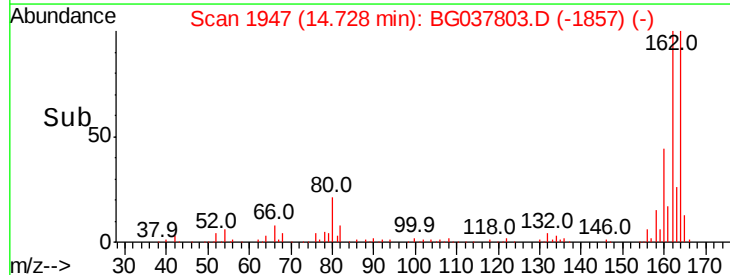
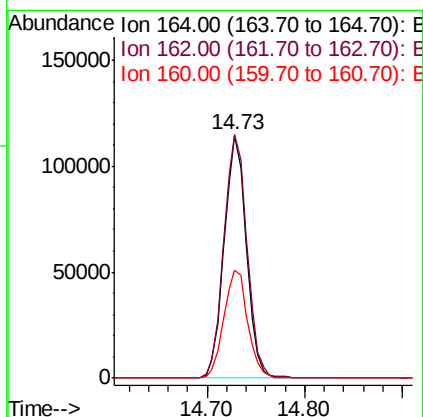
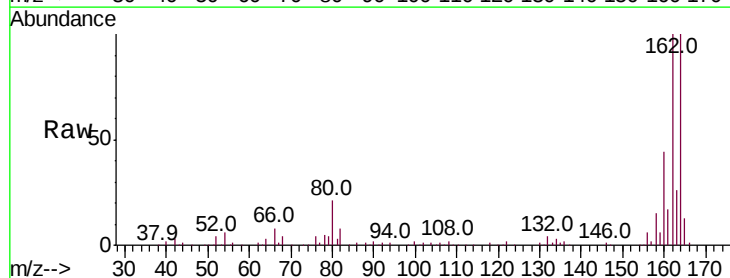
Instrument :
BNA_G
ClientSampleId :
PB114322BL

Tot Ion: 82 Resp: 387843
Ion Ratio Lower Upper
82 100
128 45.5 34.6 51.8
54 55.0 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG037803.D
Acq: 5 Nov 2018 15:11

Tgt Ion: 164 Resp: 180931
Ion Ratio Lower Upper
164 100
162 100.4 81.3 121.9
160 44.6 36.3 54.5

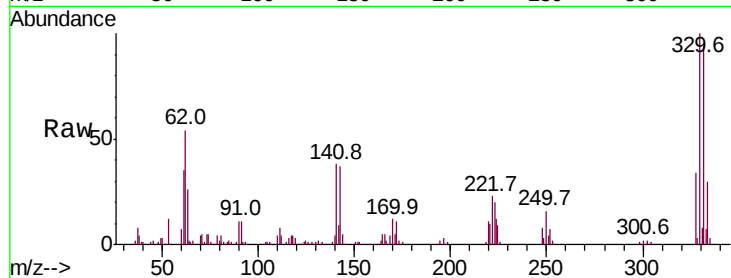




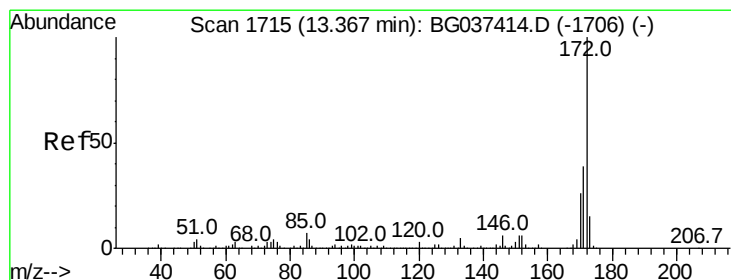
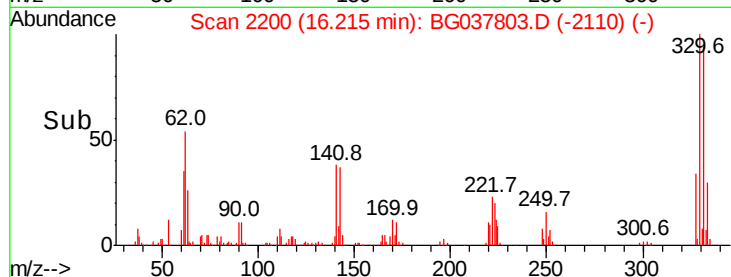
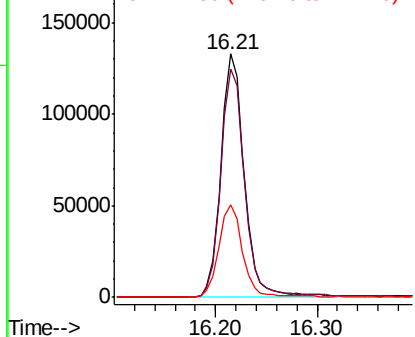
#42
 2,4,6-Tribromophenol
 Concen: 109.103 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG037803.D
 Acq: 5 Nov 2018 15:11

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BL

Tot Ion:330 Resp: 215304
 Ion Ratio Lower Upper
 330 100
 332 97.0 78.4 117.6
 141 38.7 32.2 48.2

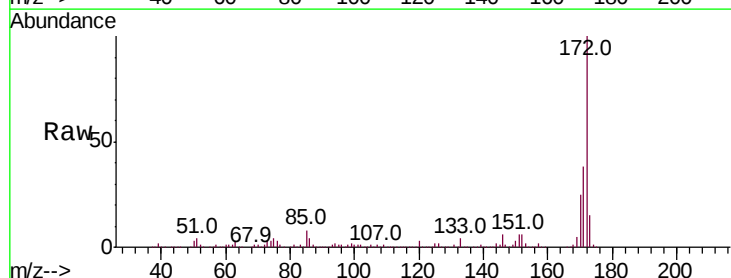


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

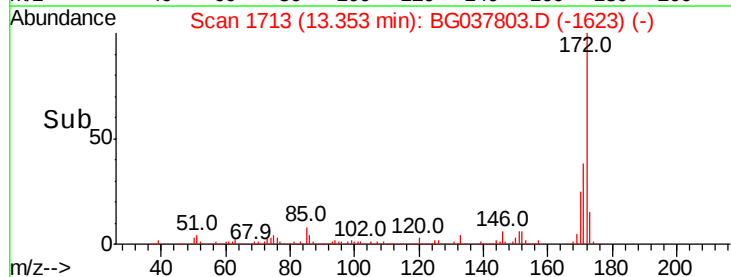
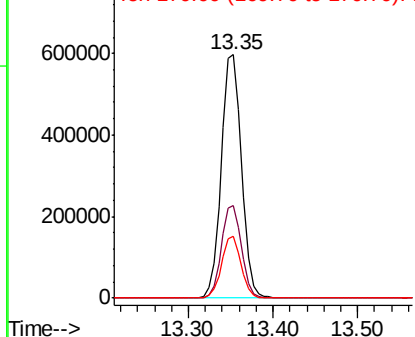


#45
 2-Fluorobiphenyl
 Concen: 82.783 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG037803.D
 Acq: 5 Nov 2018 15:11

Tgt Ion:172 Resp: 993273
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.0 46.4
 170 25.2 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

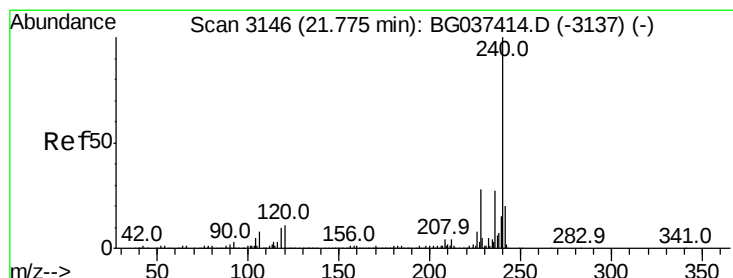
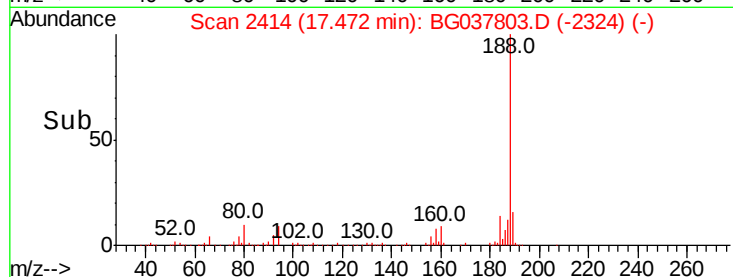
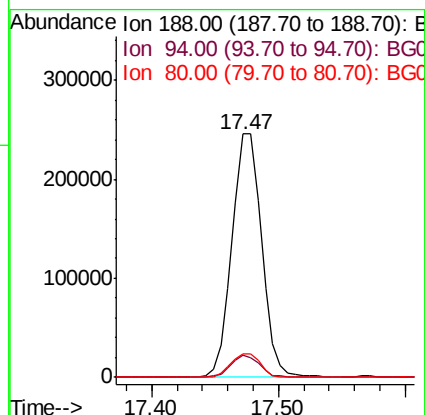
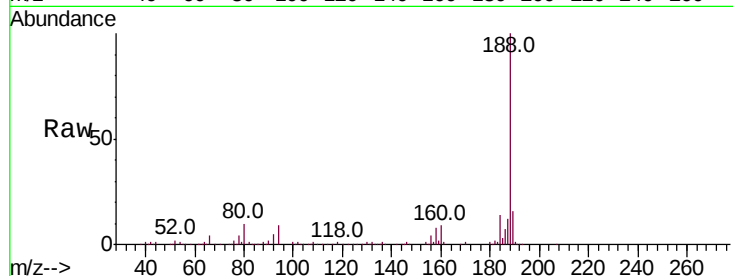




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG037803.D
Acq: 5 Nov 2018 15:11

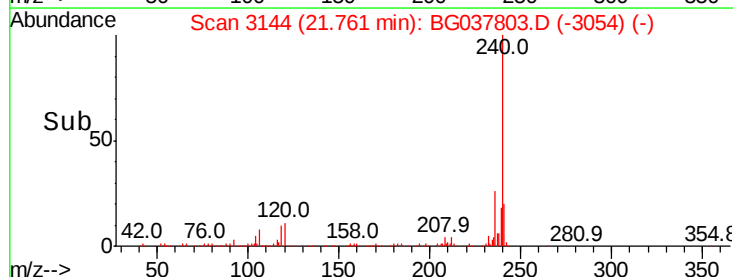
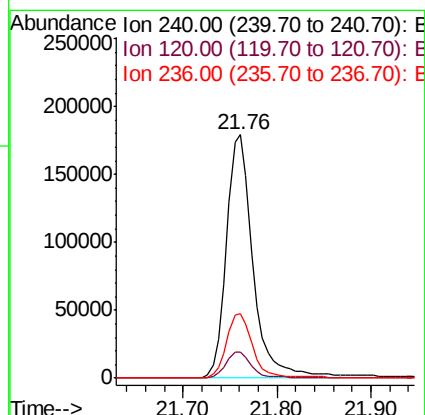
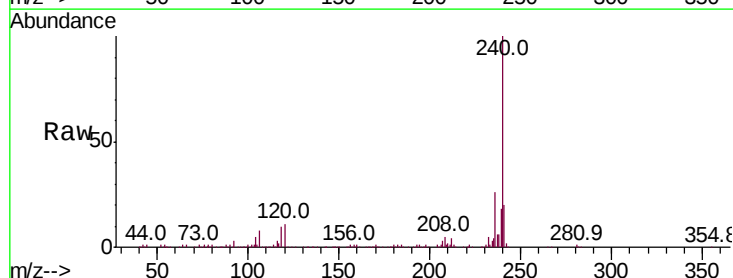
Instrument :
BNA_G
ClientSampleId :
PB114322BL

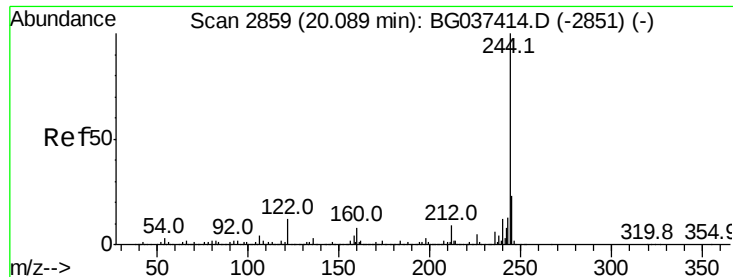
Tot Ion:188 Resp: 398768
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 9.8 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG037803.D
Acq: 5 Nov 2018 15:11

Tgt Ion:240 Resp: 353479
Ion Ratio Lower Upper
240 100
120 10.6 8.1 12.1
236 26.4 21.4 32.0





#79

Terphenyl-d14

Concen: 83.544 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BG037803.D

Acq: 5 Nov 2018 15:11

Instrument :

BNA_G

ClientSampleId :

PB114322BL

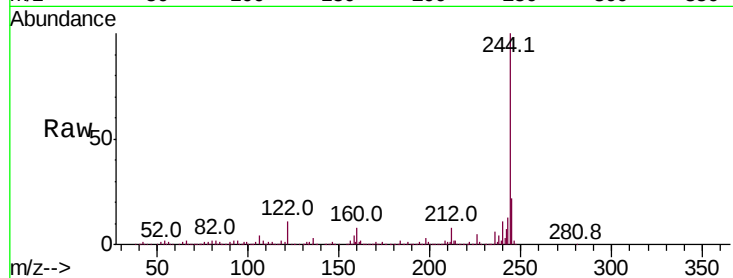
Tot Ion:244 Resp: 1382049

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

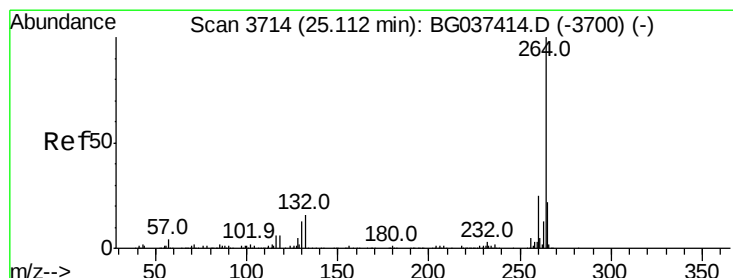
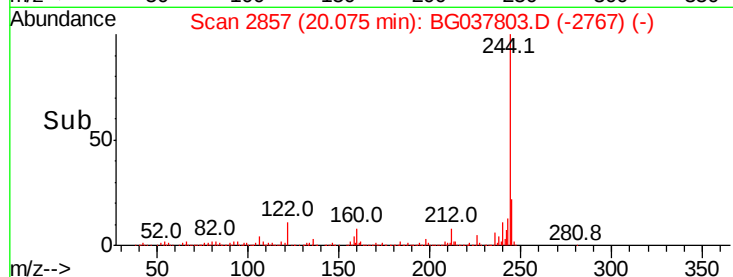
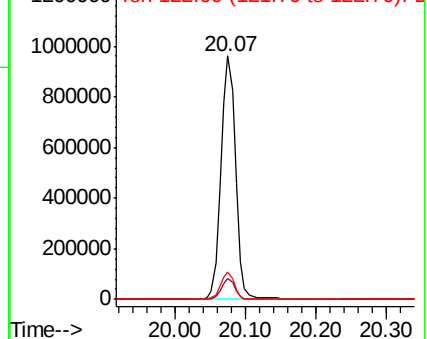
122 11.1 9.0 13.4



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: 25.09 min Scan# 3711

Delta R.T. 0.00 min

Lab File: BG037803.D

Acq: 5 Nov 2018 15:11

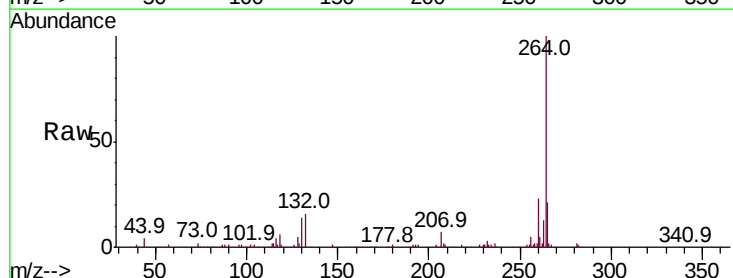
Tgt Ion:264 Resp: 295014

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

265 20.9 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

