

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037750.D
 Acq On : 2 Nov 2018 11:28
 Operator : JU/SJ
 Sample : J5741-30
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Quant Time: Nov 02 14:32:44 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	66576	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	303756	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	196868	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	433120	20.00	ng	0.00
76) Chrysene-d12	21.77	240	385957	20.00	ng	0.00
87) Perylene-d12	25.10	264	285569	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	433803	108.94	ng	0.00
7) Phenol-d6	7.24	99	583339	96.88	ng	0.00
23) Nitrobenzene-d5	9.27	82	417667	77.03	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	212661	99.04	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1031219	78.99	ng	-0.01
79) Terphenyl-d14	20.08	244	1504732	83.31	ng	0.00

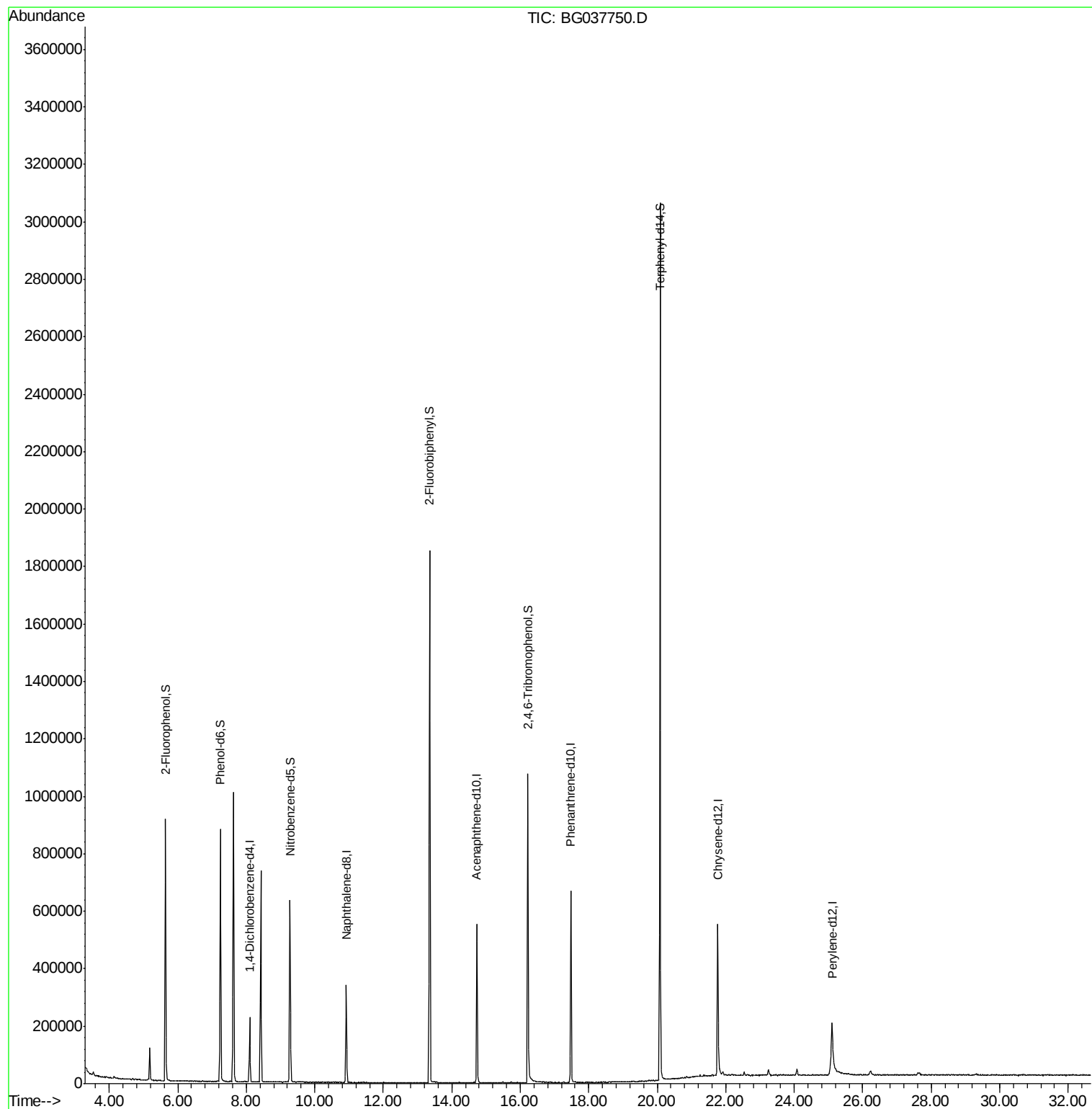
Target Compounds Qvalue

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

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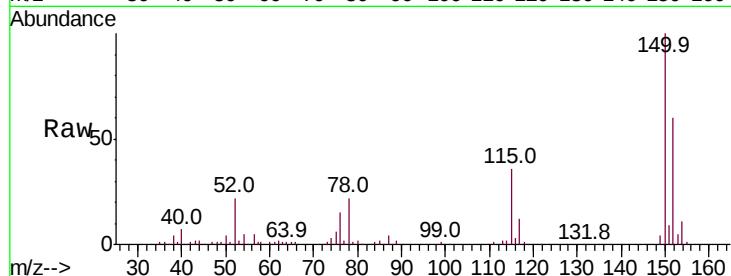


#1

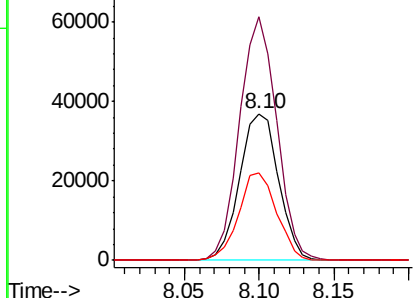
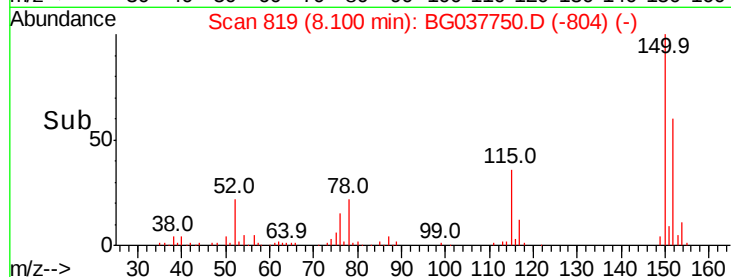
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037750.D
 Acq: 2 Nov 2018 11:28

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Tot Ion:152 Resp: 66576
 Ion Ratio Lower Upper
 152 100
 150 166.2 126.0 189.0
 115 59.3 45.5 68.3



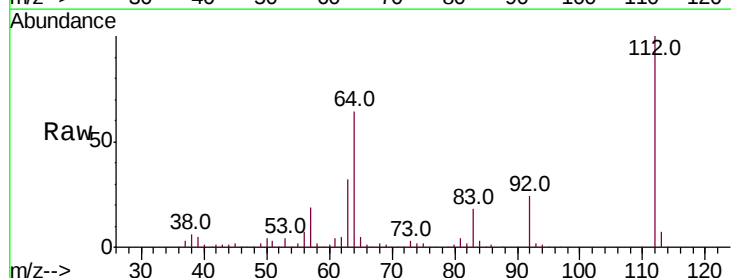
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



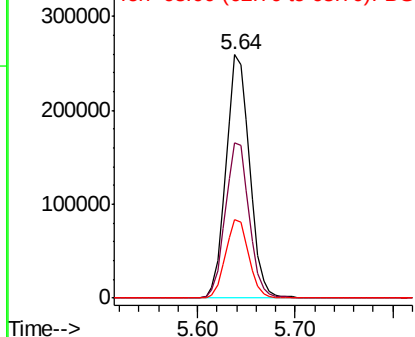
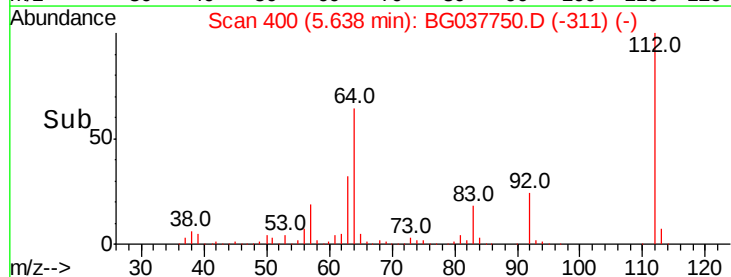
#5

2-Fluorophenol
 Concen: 108.936 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG037750.D
 Acq: 2 Nov 2018 11:28

Tgt Ion:112 Resp: 433803
 Ion Ratio Lower Upper
 112 100
 64 64.0 53.1 79.7
 63 32.1 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: 96.875 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037750.D

Acq: 2 Nov 2018 11:28

Instrument :

BNA_G

ClientSampleId :

TP-7

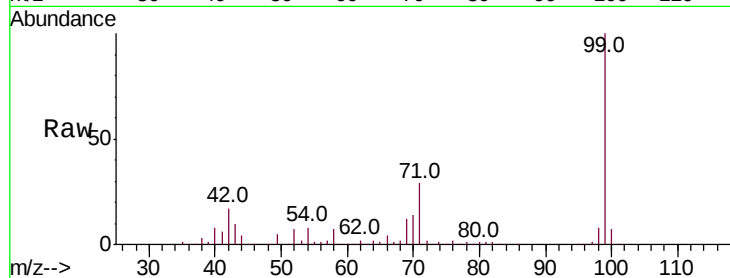
Tot Ion: 99 Resp: 583339

Ion Ratio Lower Upper

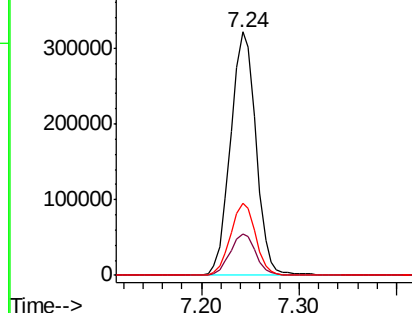
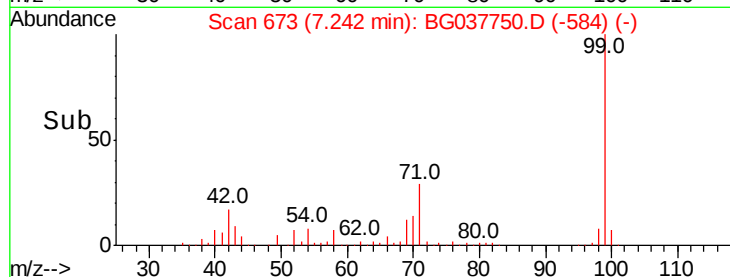
99 100

42 16.8 15.0 22.4

71 29.5 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: BG037750.D

Acq: 2 Nov 2018 11:28

Tgt Ion: 136 Resp: 303756

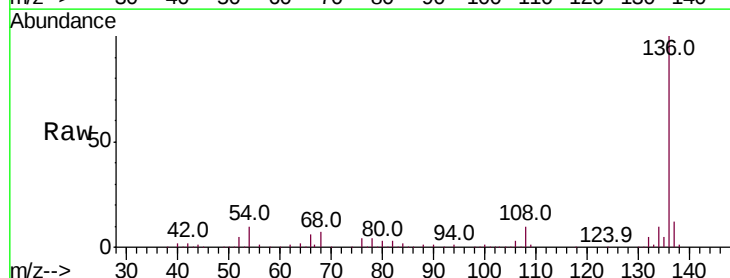
Ion Ratio Lower Upper

136 100

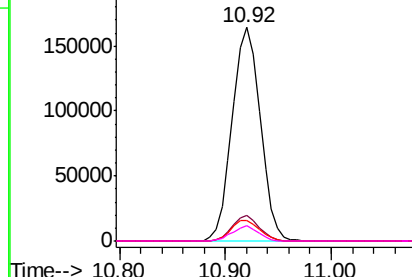
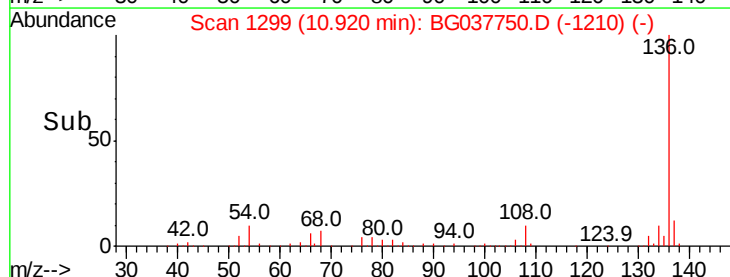
137 11.8 9.6 14.4

54 9.5 7.9 11.9

68 7.3 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

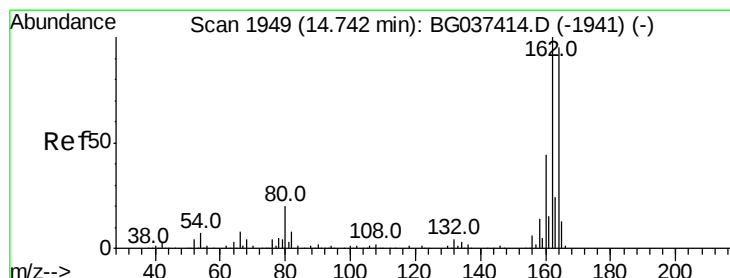
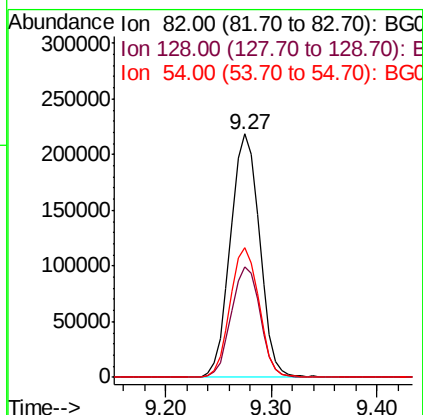
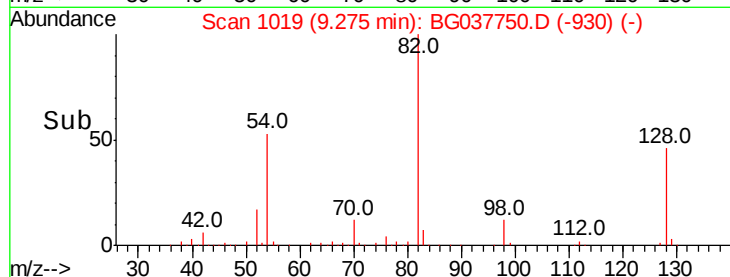
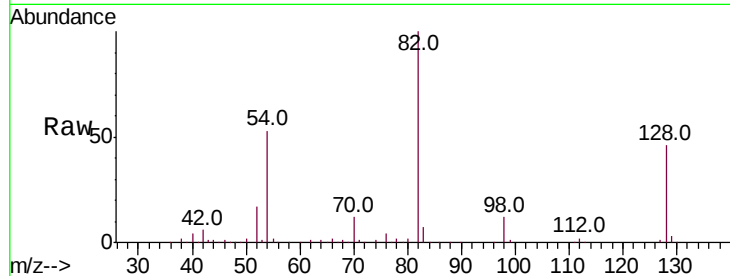




#23
Nitrobenzene-d5
Concen: 77.027 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037750.D
Acq: 2 Nov 2018 11:28

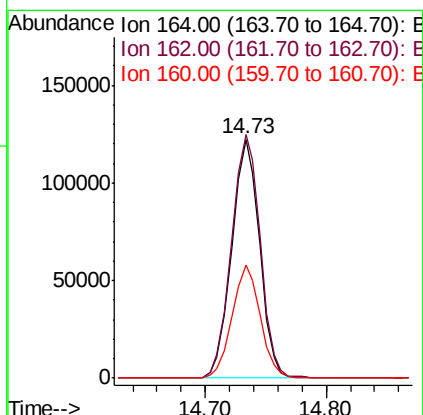
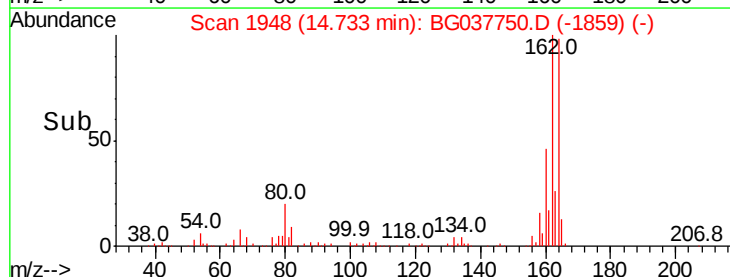
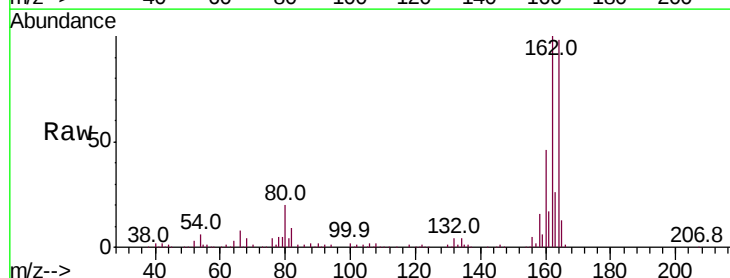
Instrument :
BNA_G
ClientSampled :
TP-7

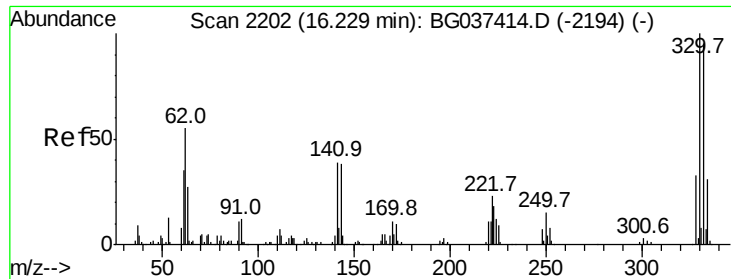
Tot Ion: 82 Resp: 417667
Ion Ratio Lower Upper
82 100
128 45.5 34.6 51.8
54 53.5 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037750.D
Acq: 2 Nov 2018 11:28

Tgt Ion:164 Resp: 196868
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 47.1 36.3 54.5

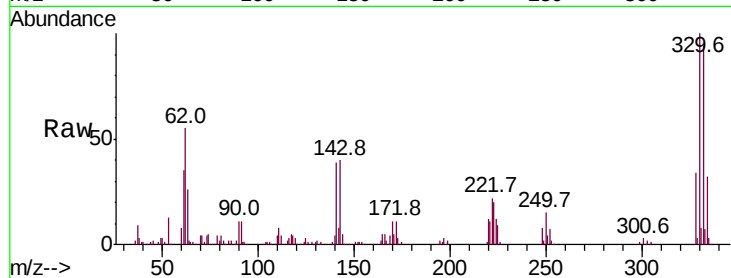




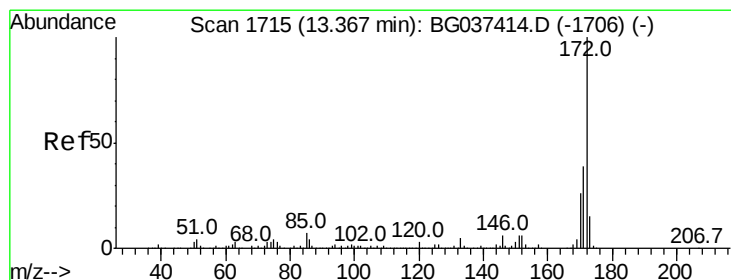
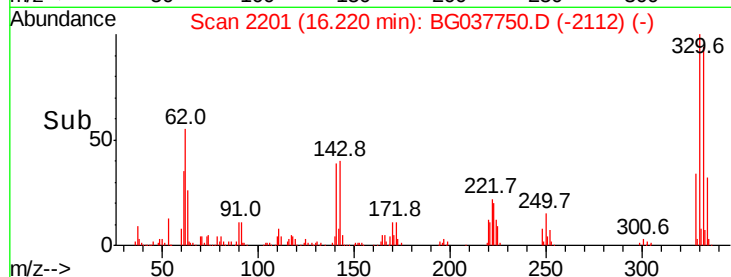
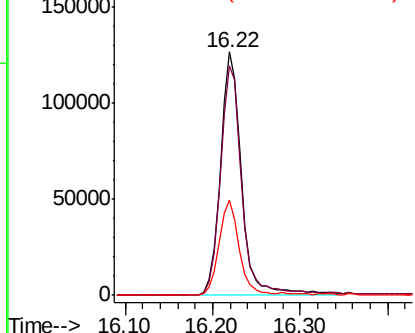
#42
 2,4,6-Tribromophenol
 Concen: 99.040 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037750.D
 Acq: 2 Nov 2018 11:28

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Tot Ion:330 Resp: 212661
 Ion Ratio Lower Upper
 330 100
 332 95.0 78.4 117.6
 141 38.2 32.2 48.2

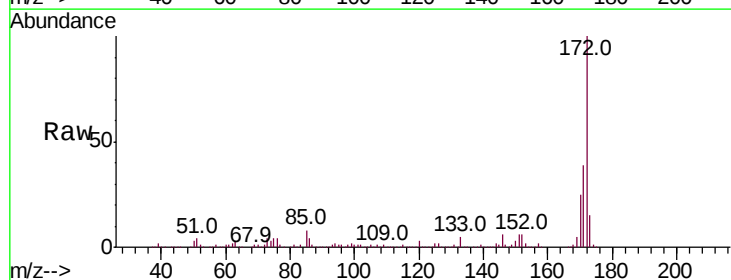


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

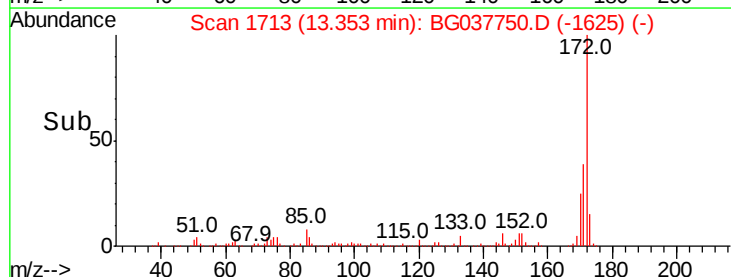
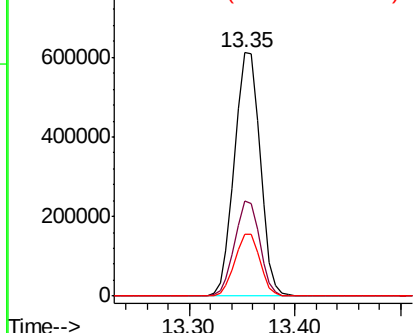


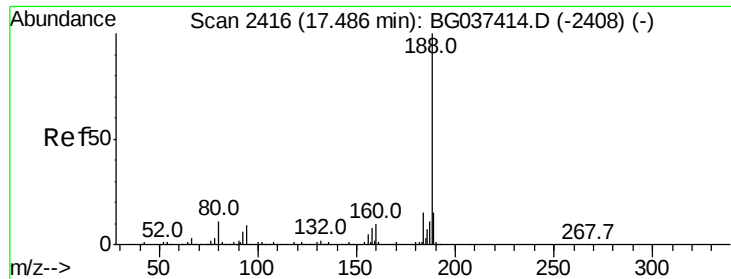
#45
 2-Fluorobiphenyl
 Concen: 78.988 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037750.D
 Acq: 2 Nov 2018 11:28

Tgt Ion:172 Resp: 1031219
 Ion Ratio Lower Upper
 172 100
 171 38.9 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: BG037750.D

Acq: 2 Nov 2018 11:28

Instrument :

BNA_G

ClientSampleId :

TP-7

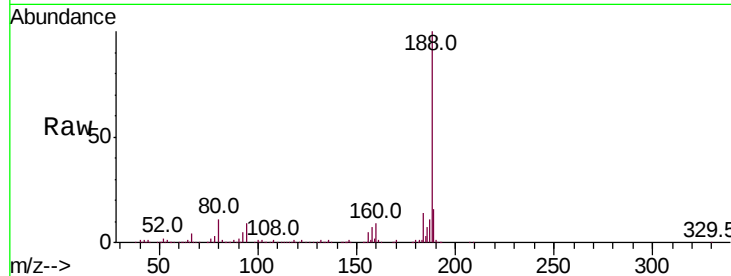
Tot Ion:188 Resp: 433120

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

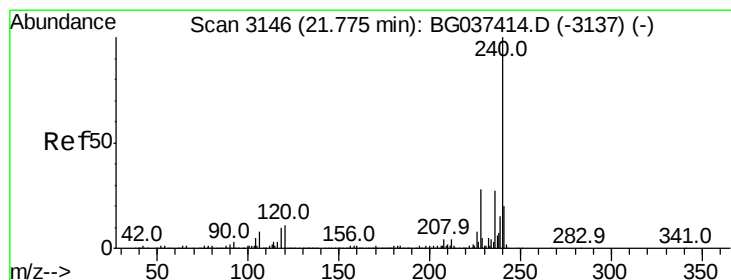
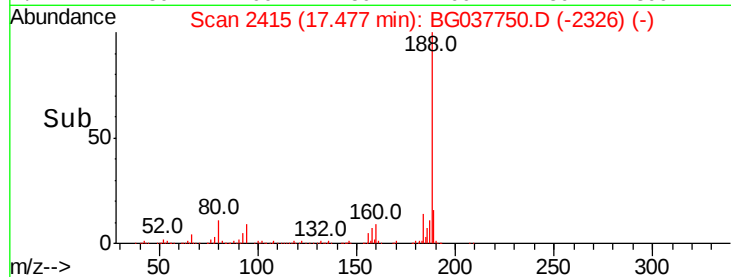
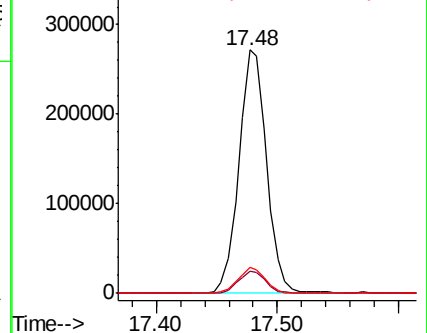
80 10.6 7.7 11.5



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: BG037750.D

Acq: 2 Nov 2018 11:28

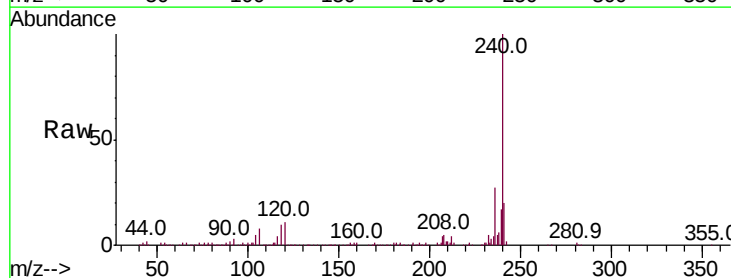
Tgt Ion:240 Resp: 385957

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

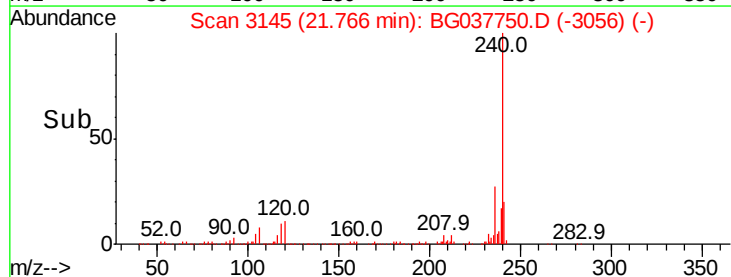
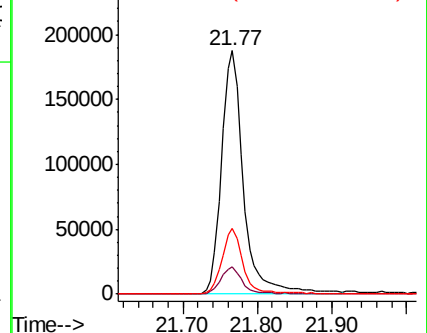
236 27.0 21.4 32.0



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: 83.306 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037750.D

Acq: 2 Nov 2018 11:28

Instrument :

BNA_G

ClientSampleId :

TP-7

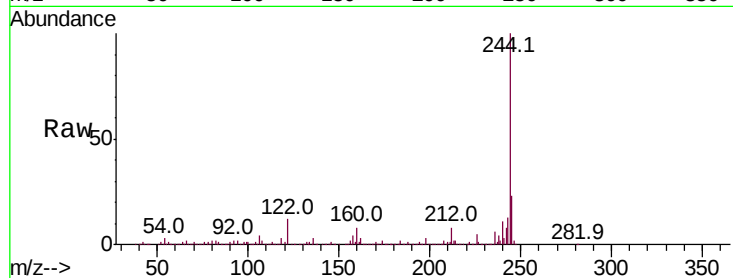
Tot Ion:244 Resp: 1504732

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

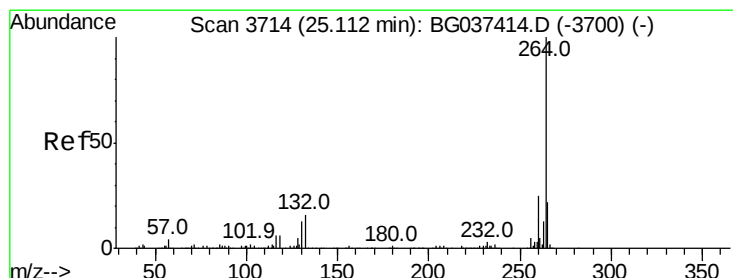
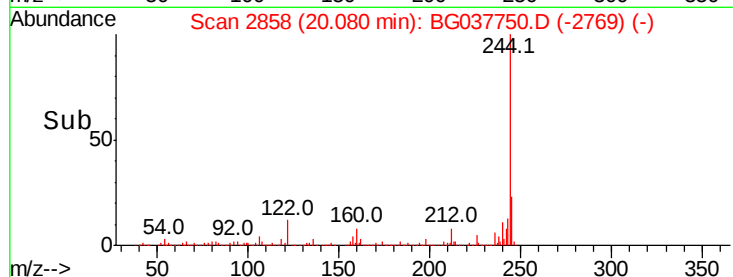
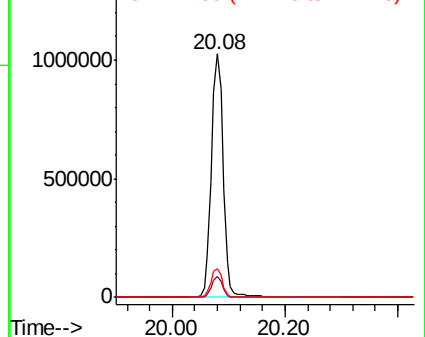
122 11.9 9.0 13.4



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: BG037750.D

Acq: 2 Nov 2018 11:28

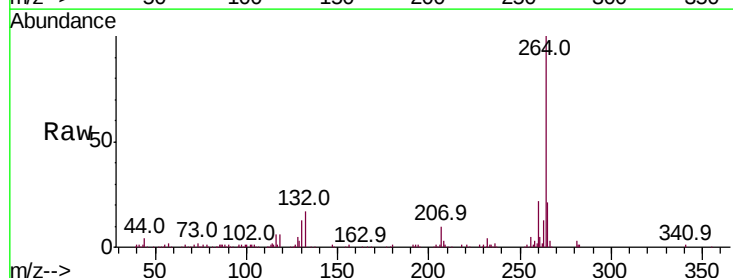
Tgt Ion:264 Resp: 285569

Ion Ratio Lower Upper

264 100

260 22.3 18.2 27.4

265 21.4 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

