

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037810.D
 Acq On : 5 Nov 2018 19:44
 Operator : JU/SJ
 Sample : J5759-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Nov 06 04:47:04 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	64254	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	281173	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	187383	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	409846	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	371400	20.00	ng	-0.01
87) Perylene-d12	25.10	264	302800	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	412749	107.39	ng	0.00
7) Phenol-d6	7.24	99	533561	91.81	ng	-0.01
23) Nitrobenzene-d5	9.27	82	409449	81.58	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	201726	98.70	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	995538	80.11	ng	-0.02
79) Terphenyl-d14	20.08	244	1408422	81.03	ng	-0.01

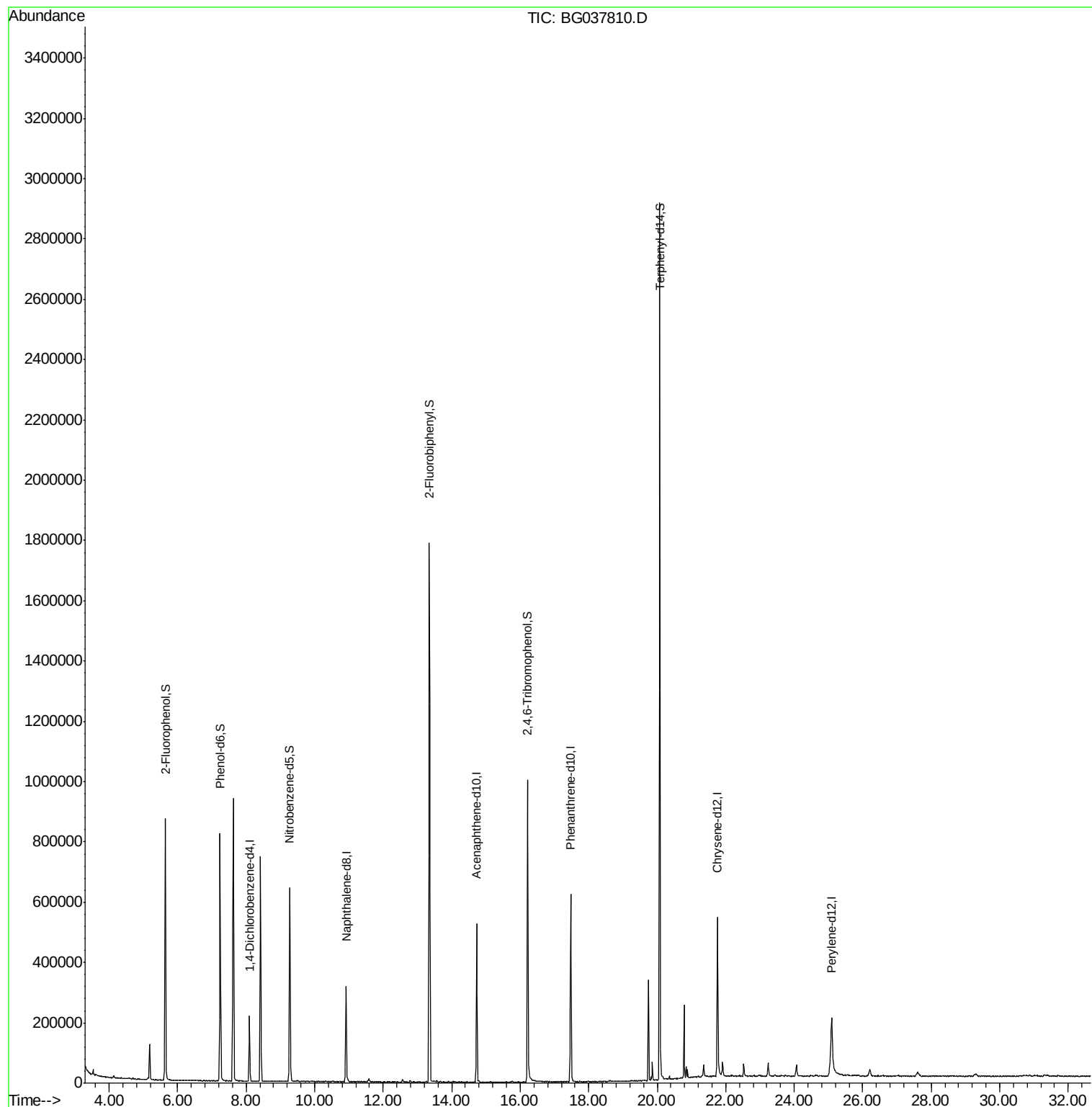
Target Compounds Qvalue

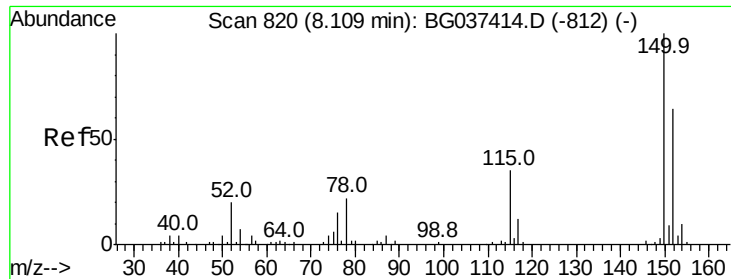
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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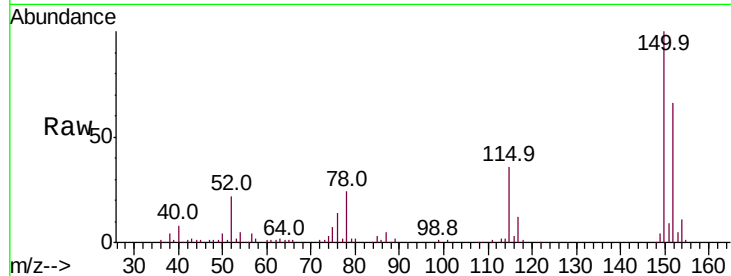


#1

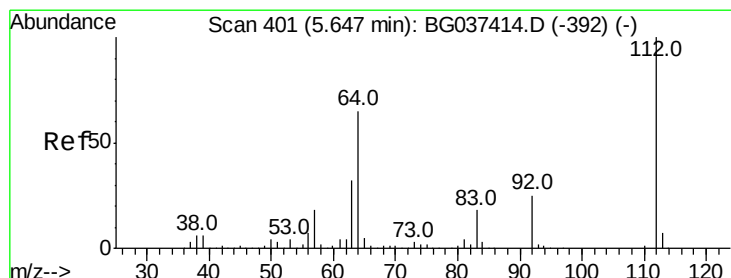
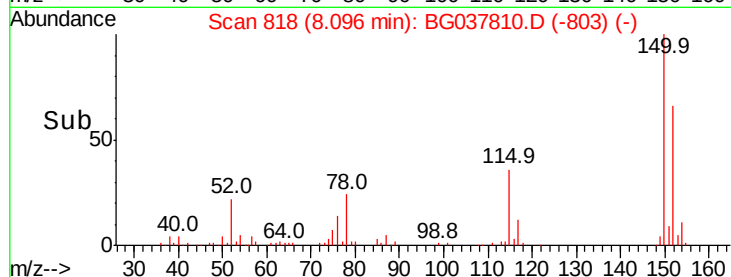
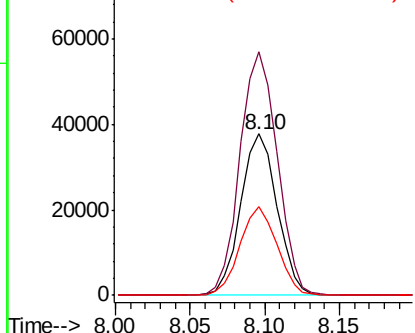
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037810.D
Acq: 5 Nov 2018 19:44

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion:152 Resp: 64254
Ion Ratio Lower Upper
152 100
150 150.6 126.0 189.0
115 54.9 45.5 68.3



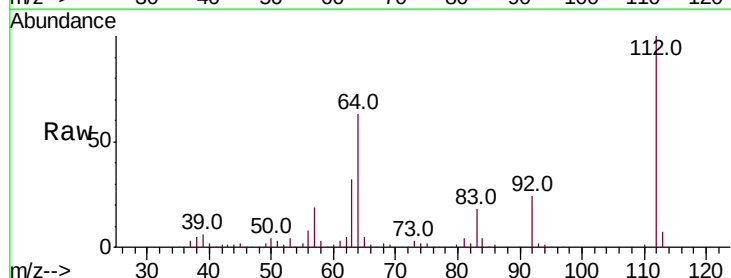
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



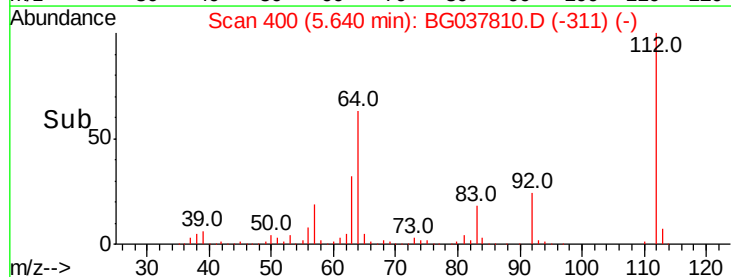
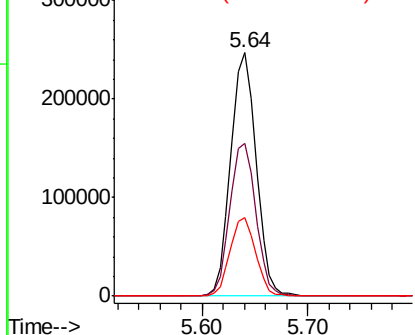
#5

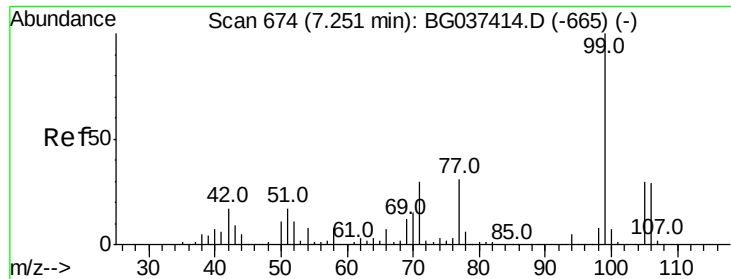
2-Fluorophenol
Concen: 107.395 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037810.D
Acq: 5 Nov 2018 19:44

Tgt Ion:112 Resp: 412749
Ion Ratio Lower Upper
112 100
64 63.0 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: 91.811 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037810.D

Acq: 5 Nov 2018 19:44

Instrument :

BNA_G

ClientSampleId :

TP-1

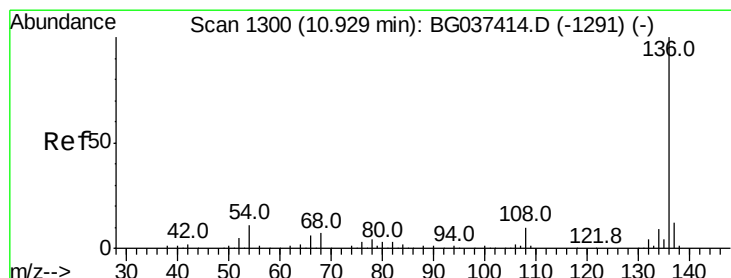
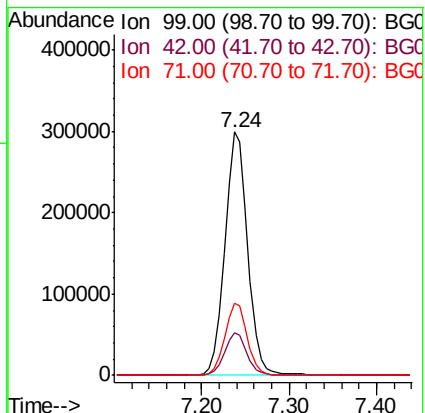
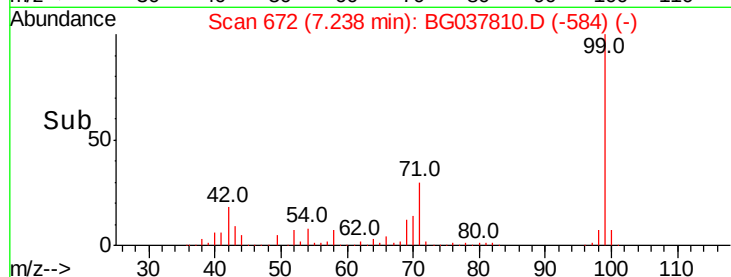
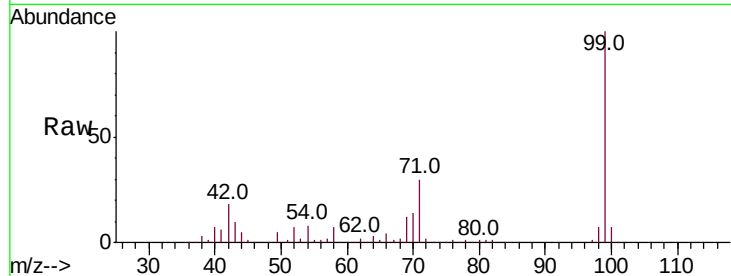
Tot Ion: 99 Resp: 533561

Ion Ratio Lower Upper

99 100

42 17.5 15.0 22.4

71 29.7 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG037810.D

Acq: 5 Nov 2018 19:44

Tgt Ion: 136 Resp: 281173

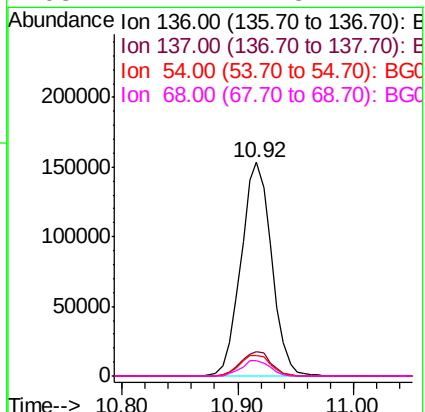
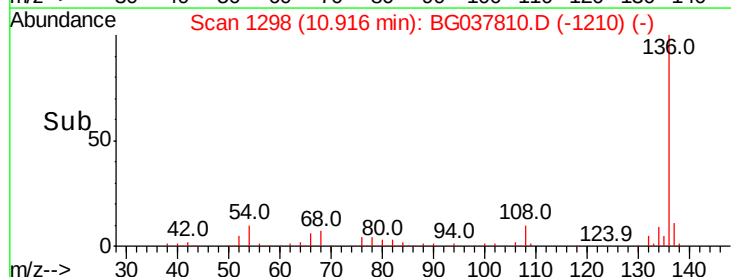
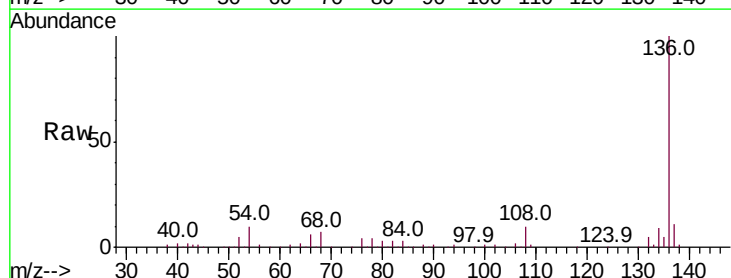
Ion Ratio Lower Upper

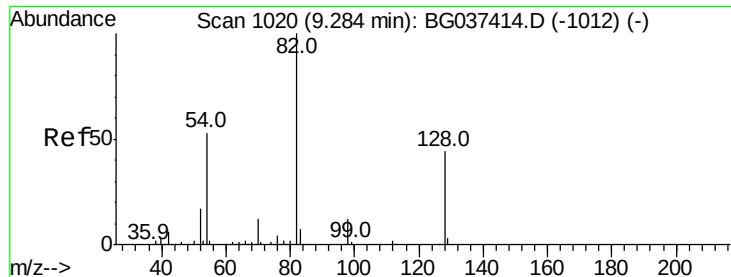
136 100

137 11.2 9.6 14.4

54 9.6 7.9 11.9

68 7.1 4.8 7.2

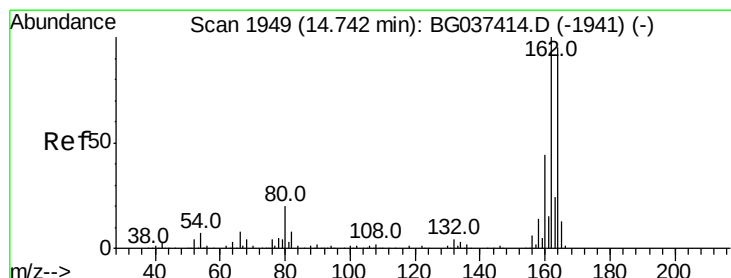
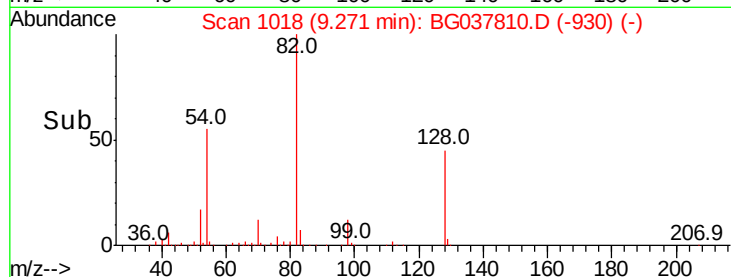
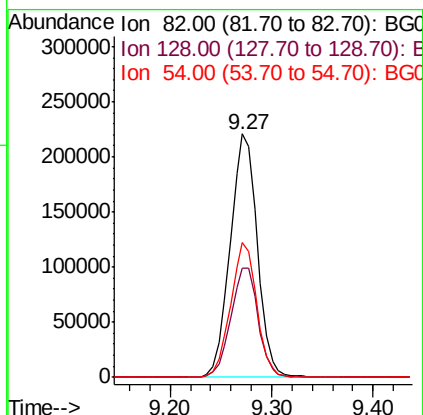
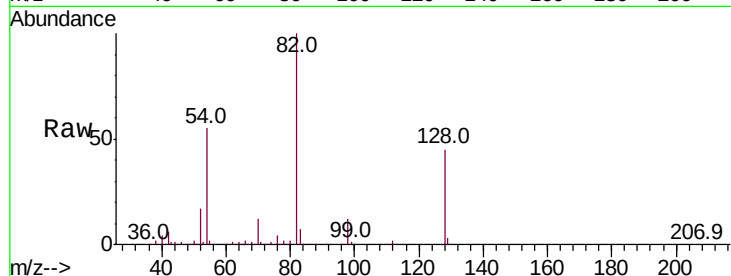




#23
 Nitrobenzene-d5
 Concen: 81.576 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG037810.D
 Acq: 5 Nov 2018 19:44

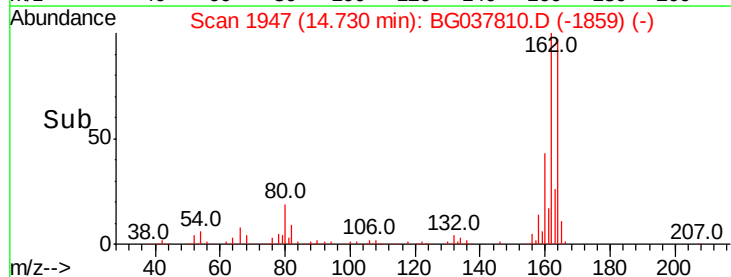
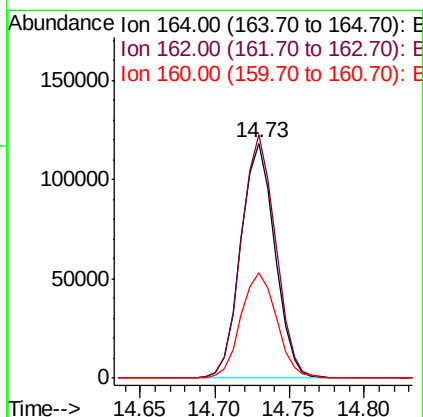
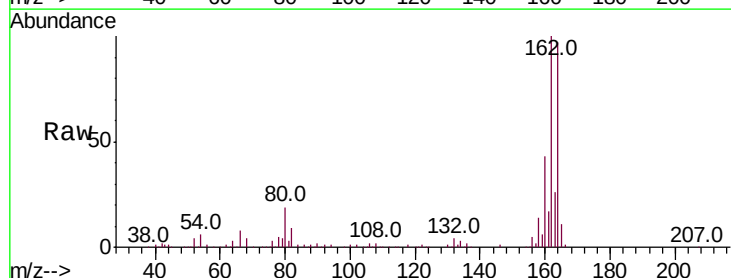
Instrument :
 BNA_G
 ClientSampled :
 TP-1

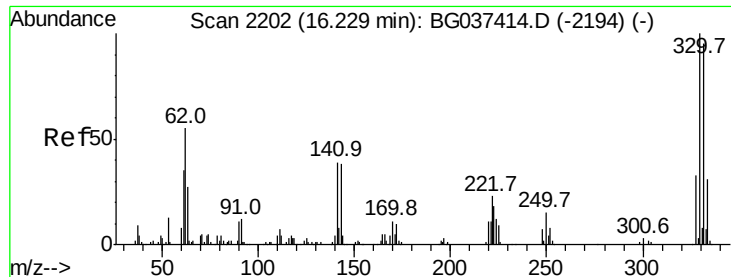
Tot Ion: 82 Resp: 409449
 Ion Ratio Lower Upper
 82 100
 128 44.7 34.6 51.8
 54 55.5 45.3 67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG037810.D
 Acq: 5 Nov 2018 19:44

Tgt Ion:164 Resp: 187383
 Ion Ratio Lower Upper
 164 100
 162 103.6 81.3 121.9
 160 44.8 36.3 54.5

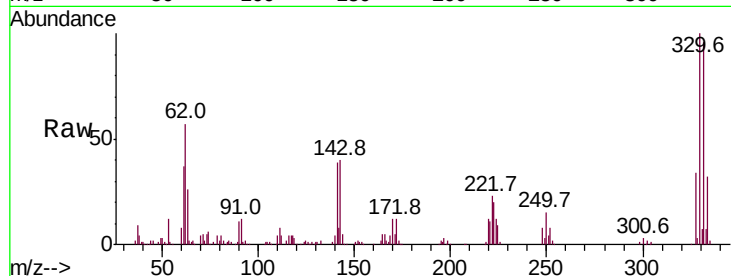




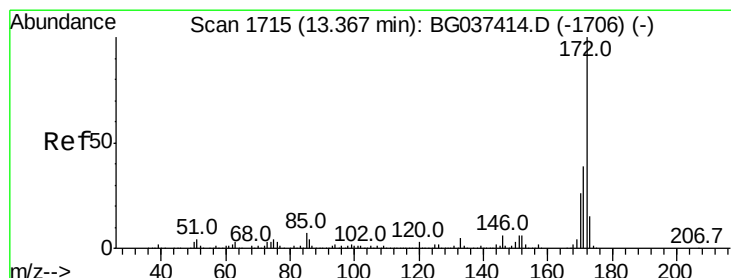
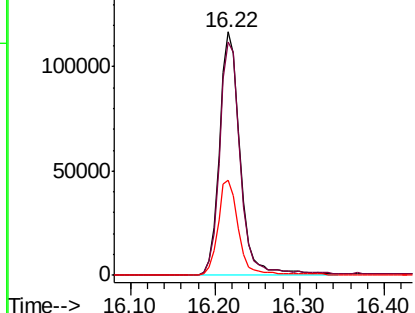
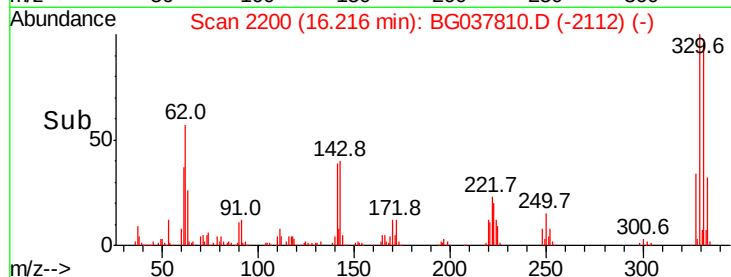
#42
 2,4,6-Tribromophenol
 Concen: 98.703 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037810.D
 Acq: 5 Nov 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.4	117.6
141	38.1	32.2	48.2

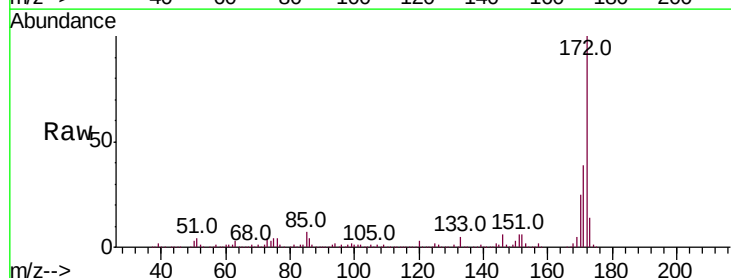


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

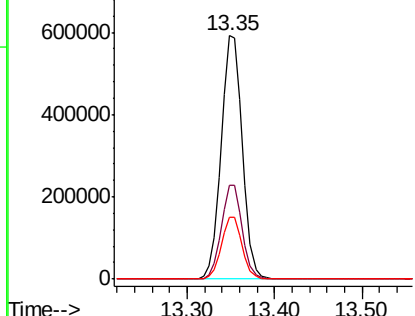
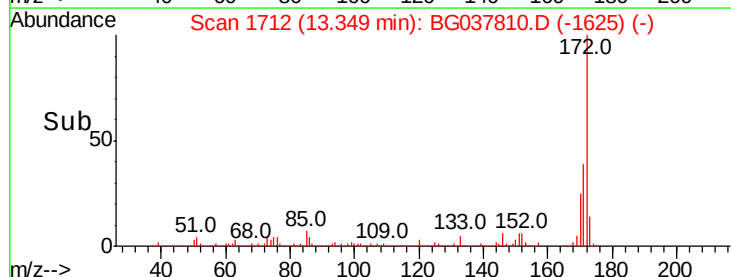


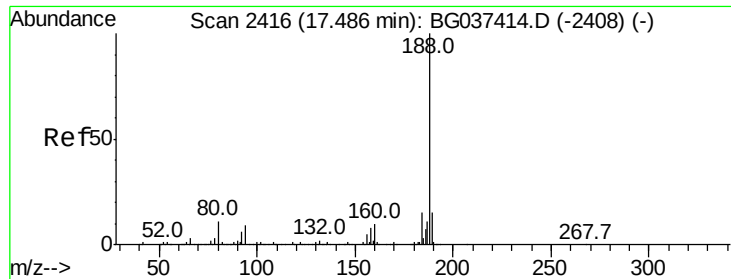
#45
 2-Fluorobiphenyl
 Concen: 80.115 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037810.D
 Acq: 5 Nov 2018 19:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	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. -0.01 min

Lab File: BG037810.D

Acq: 5 Nov 2018 19:44

Instrument :

BNA_G

ClientSampleId :

TP-1

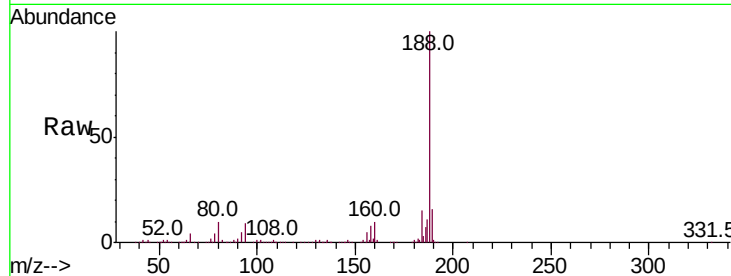
Tot Ion:188 Resp: 409846

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

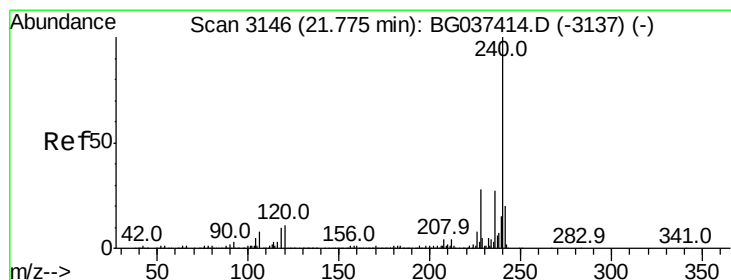
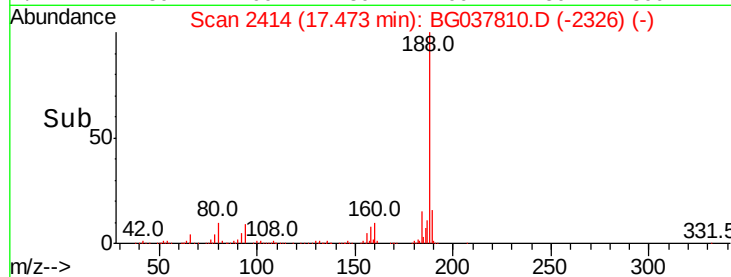
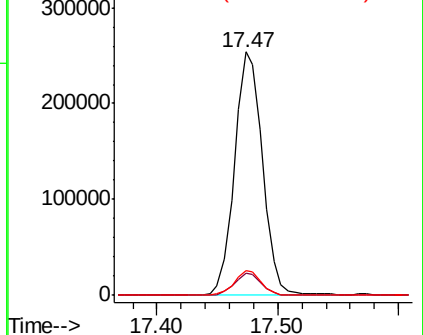
80 10.4 7.7 11.5



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: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037810.D

Acq: 5 Nov 2018 19:44

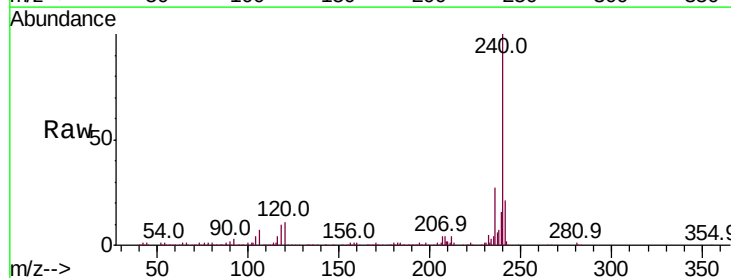
Tgt Ion:240 Resp: 371400

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

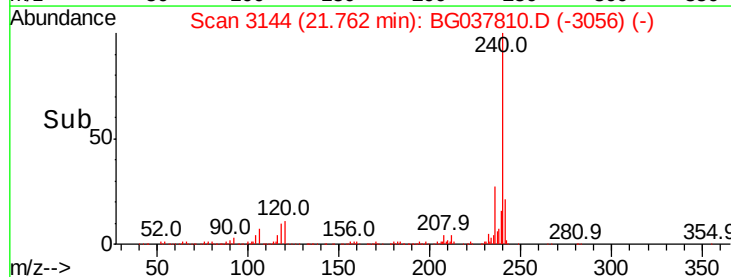
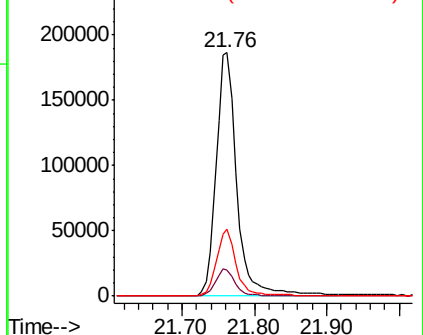
236 27.3 21.4 32.0

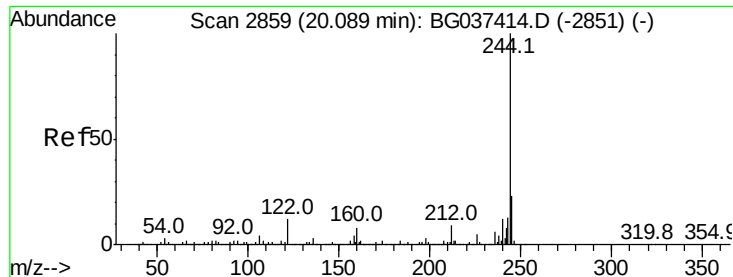


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.030 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037810.D

Acq: 5 Nov 2018 19:44

Instrument :

BNA_G

ClientSampled :

TP-1

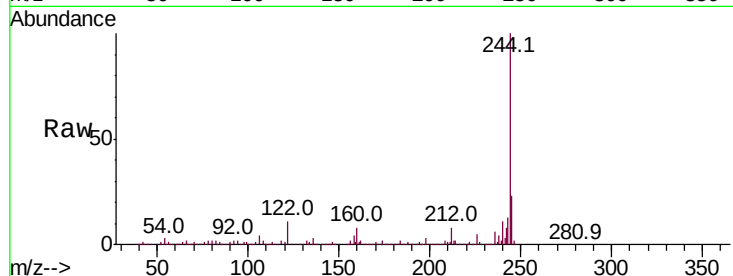
Tot Ion:244 Resp: 1408422

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

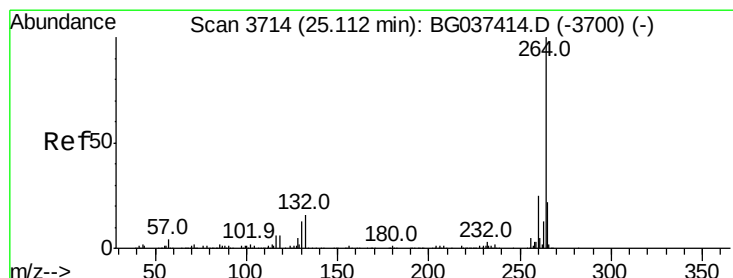
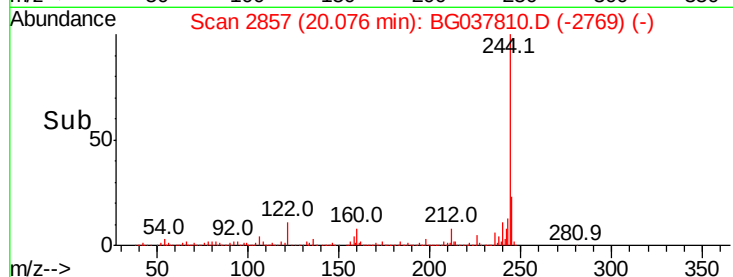
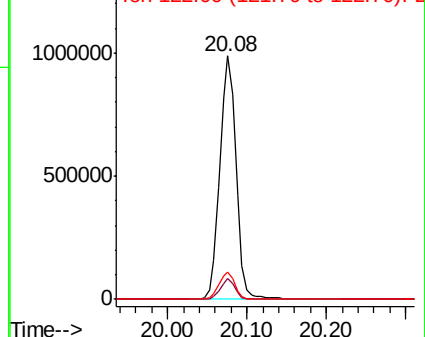
122 11.2 9.0 13.4



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# 3712

Delta R.T. -0.01 min

Lab File: BG037810.D

Acq: 5 Nov 2018 19:44

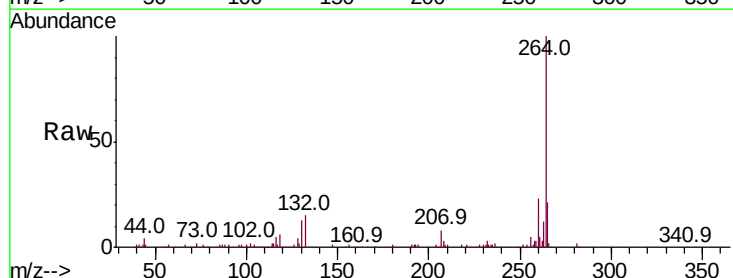
Tgt Ion:264 Resp: 302800

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 20.8 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

