

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101718\
 Data File : BG037407.D
 Acq On : 18 Oct 2018 1:58
 Operator : JU/SJ
 Sample : J5541-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 101518-SIDI-E-U-S

Quant Time: Oct 18 12:06:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 15:19:35 2018
 Response via : Initial Calibration

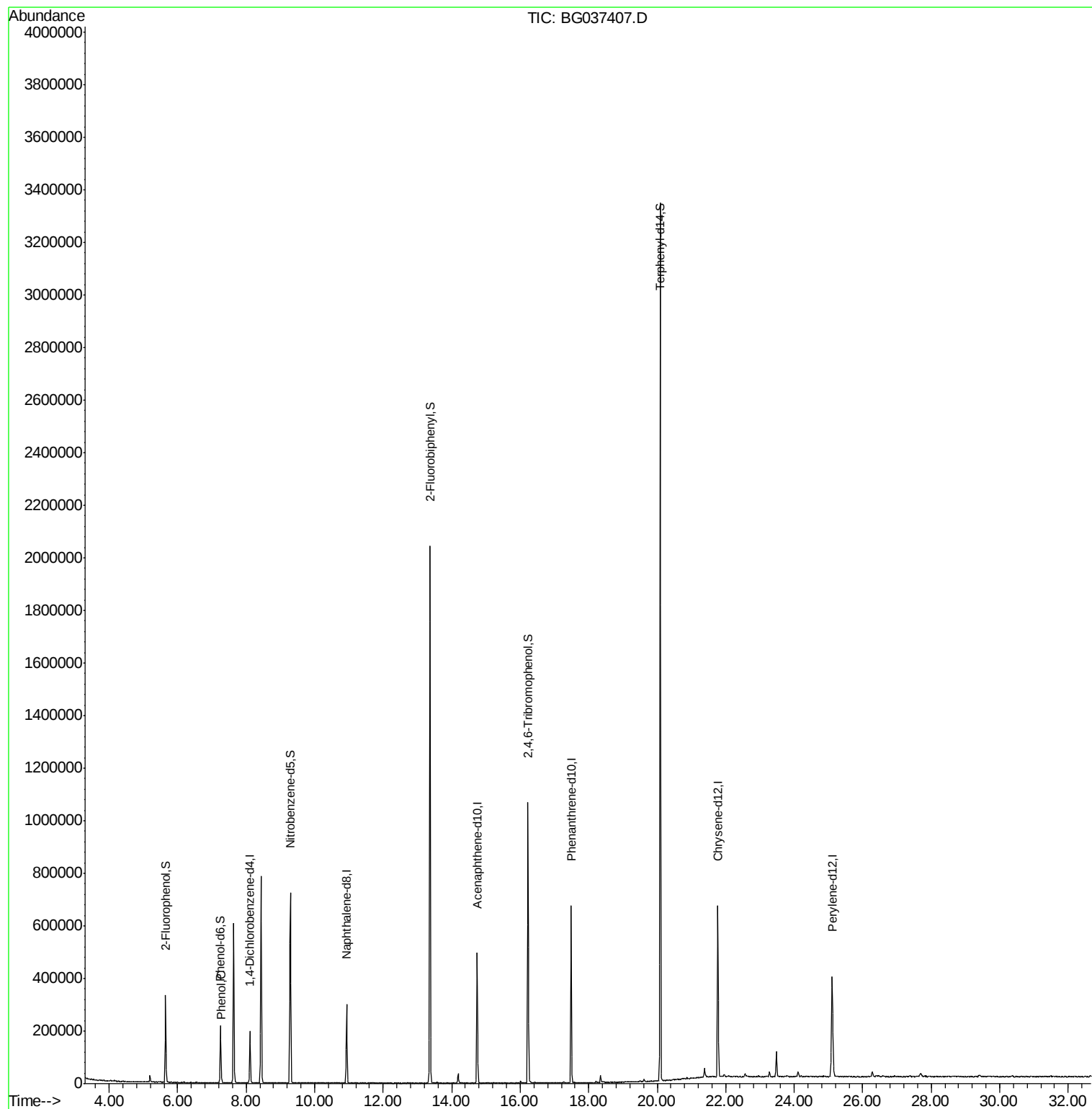
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	59916	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	262168	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	176419	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	439695	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	404570	20.00	ng	-0.02
87) Perylene-d12	25.11	264	408024	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	157209	46.18	ng	0.00
7) Phenol-d6	7.24	99	138272	26.76	ng	-0.01
23) Nitrobenzene-d5	9.29	82	451969	113.34	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	196207	113.40	ng	-0.02
45) 2-Fluorobiphenyl	13.37	172	1106129	94.16	ng	-0.02
79) Terphenyl-d14	20.09	244	1627979	84.49	ng	-0.02
Target Compounds						
10) Phenol	7.27	94	17255	3.170	ng	Qvalue 97

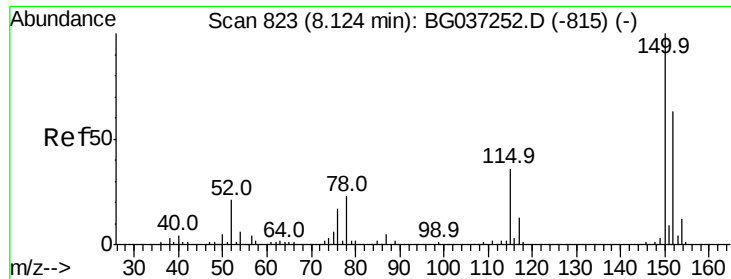
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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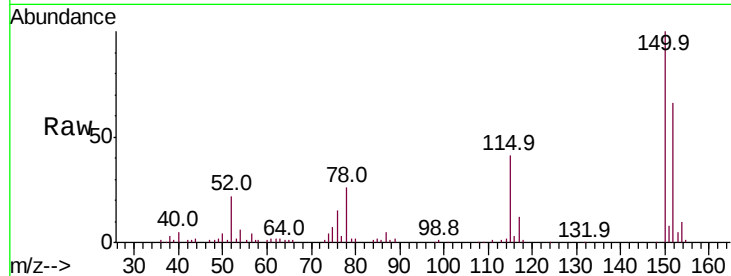


#1

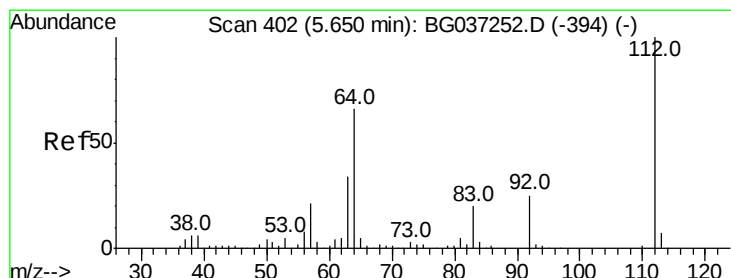
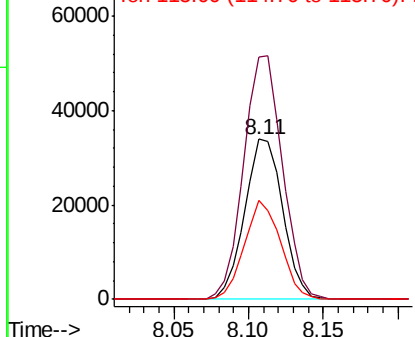
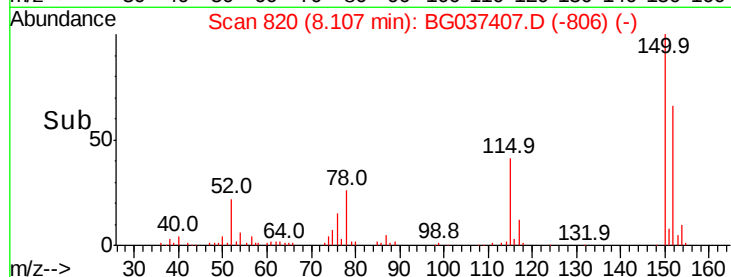
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.02 min
Lab File: BG037407.D
Acq: 18 Oct 2018 1:58

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-U-S

Tot Ion:152 Resp: 59916
Ion Ratio Lower Upper
152 100
150 151.1 126.0 189.0
115 61.8 45.5 68.3



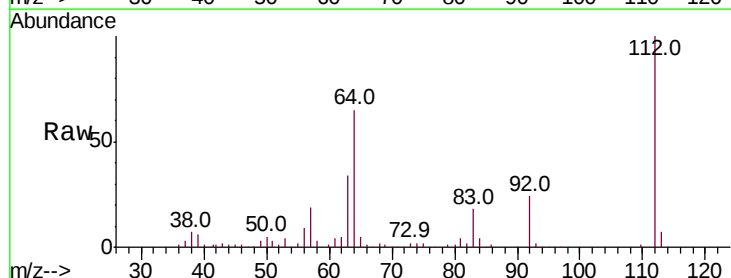
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



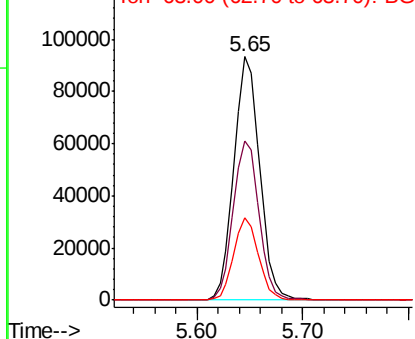
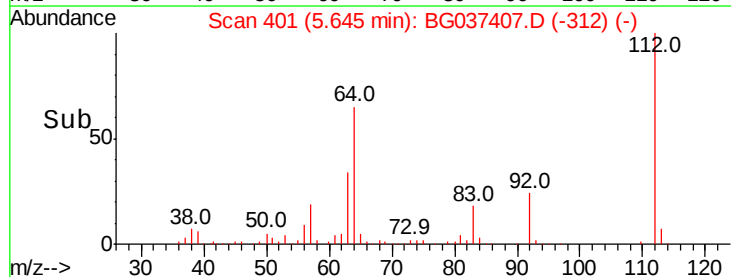
#5

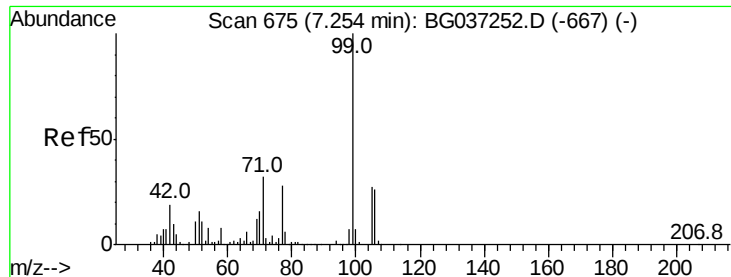
2-Fluorophenol
Concen: 46.177 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037407.D
Acq: 18 Oct 2018 1:58

Tgt Ion:112 Resp: 157209
Ion Ratio Lower Upper
112 100
64 65.2 53.1 79.7
63 34.0 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: 26.758 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037407.D

Acq: 18 Oct 2018 1:58

Instrument :

BNA_G

ClientSampleId :

101518-SIDI-E-U-S

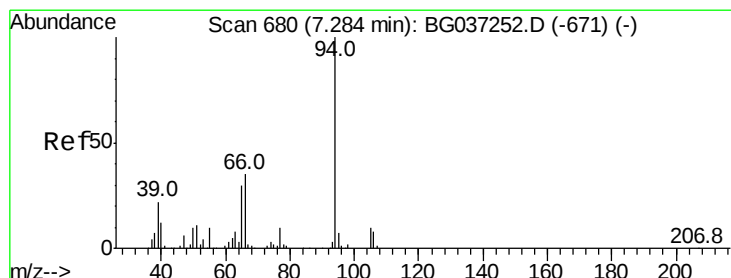
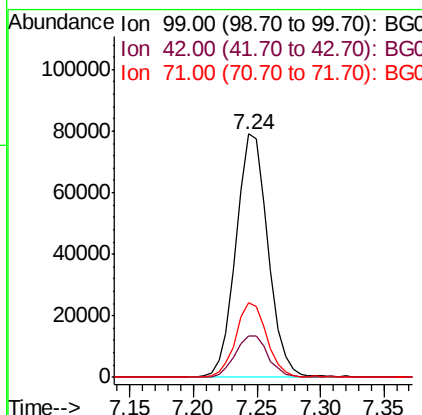
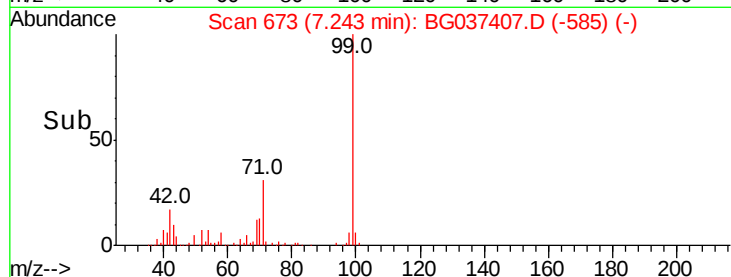
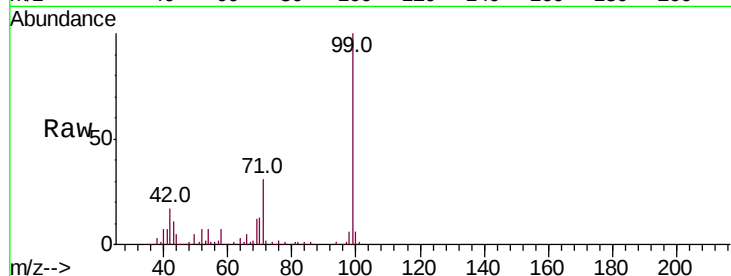
Tot Ion: 99 Resp: 138272

Ion Ratio Lower Upper

99 100

42 17.0 15.0 22.4

71 30.5 25.5 38.3



#10

Phenol

Concen: 3.170 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG037407.D

Acq: 18 Oct 2018 1:58

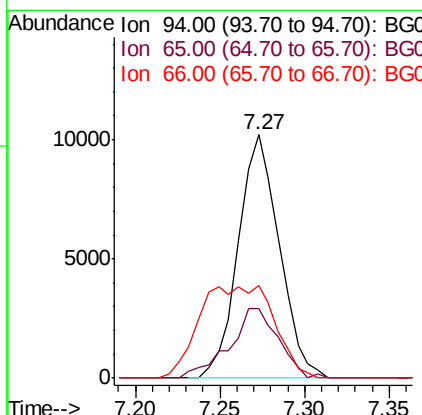
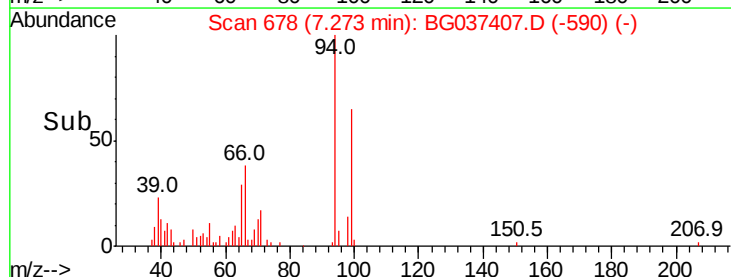
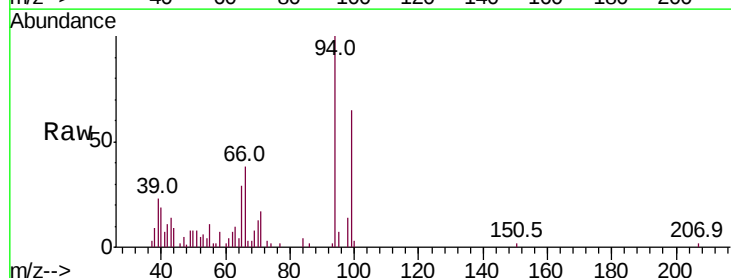
Tgt Ion: 94 Resp: 17255

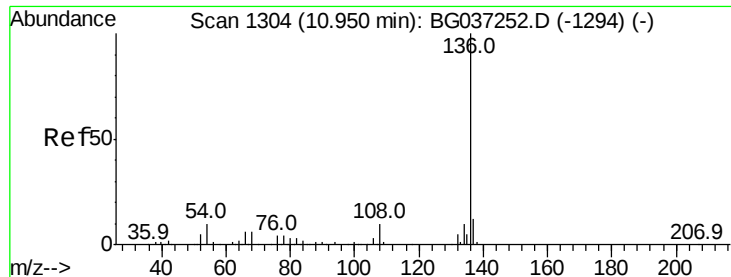
Ion Ratio Lower Upper

94 100

65 28.8 9.7 49.7

66 38.0 15.9 55.9

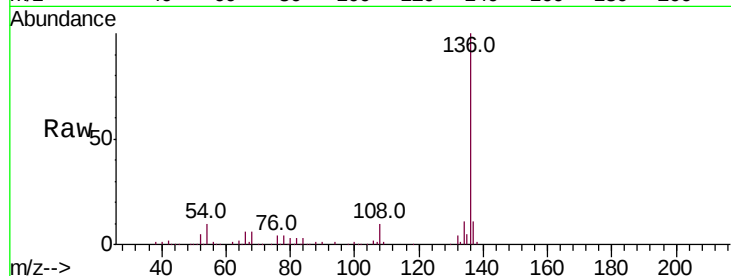




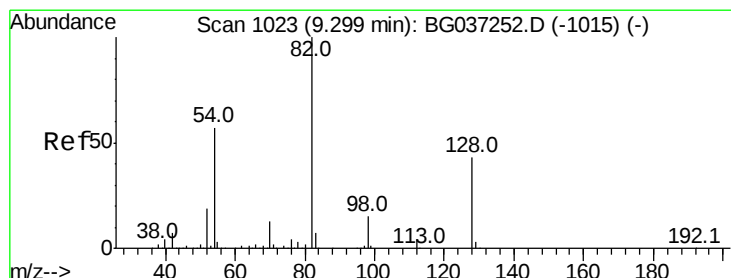
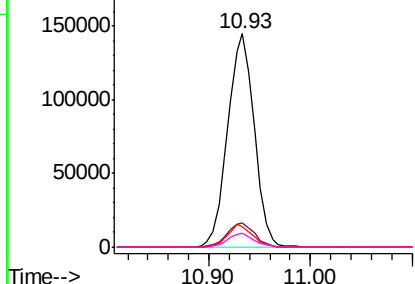
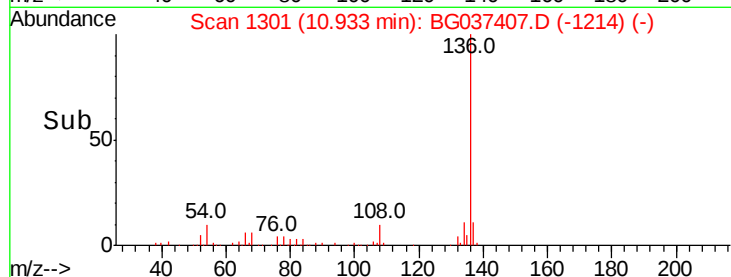
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037407.D
Acq: 18 Oct 2018 1:58

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-U-S

Tot Ion:136	Resp:	262168	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.6	14.4	
54 9.8	7.9	11.9	
68 6.5	4.8	7.2	

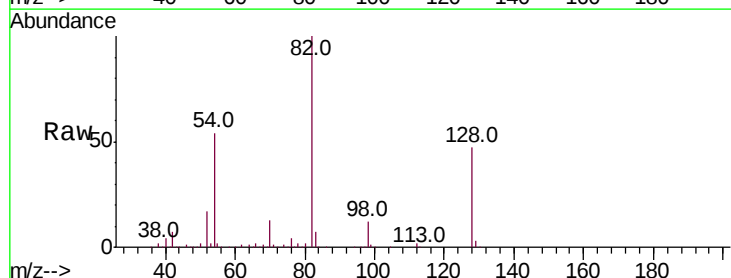


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

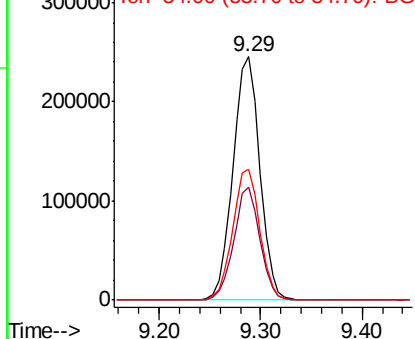
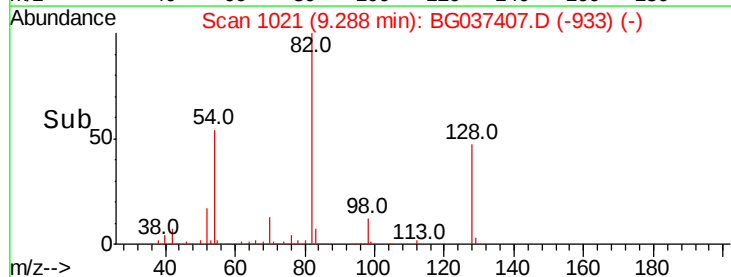


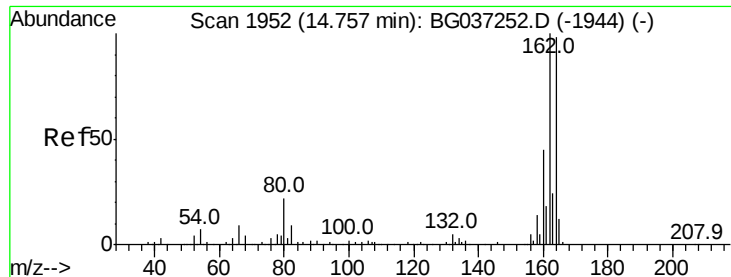
#23
Nitrobenzene-d5
Concen: 113.342 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037407.D
Acq: 18 Oct 2018 1:58

Tgt Ion: 82	Resp: 451969
Ion Ratio	Lower Upper
82 100	
128 46.6	34.6 51.8
54 53.7	45.3 67.9



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

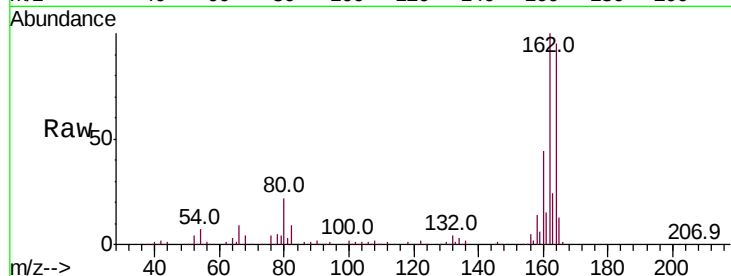




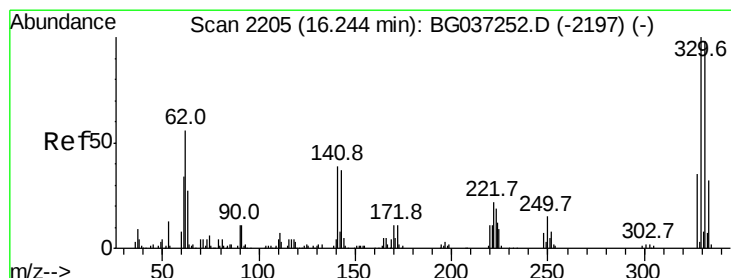
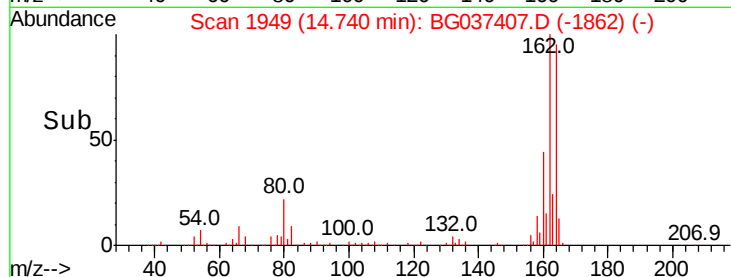
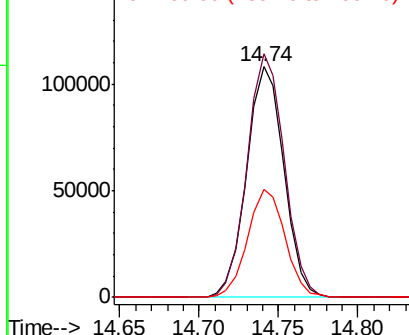
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BG037407.D
 Acq: 18 Oct 2018 1:58

Instrument :
 BNA_G
 ClientSampleId :
 101518-SIDI-E-U-S

Tot Ion:164 Resp: 176419
 Ion Ratio Lower Upper
 164 100
 162 105.6 81.3 121.9
 160 46.6 36.3 54.5

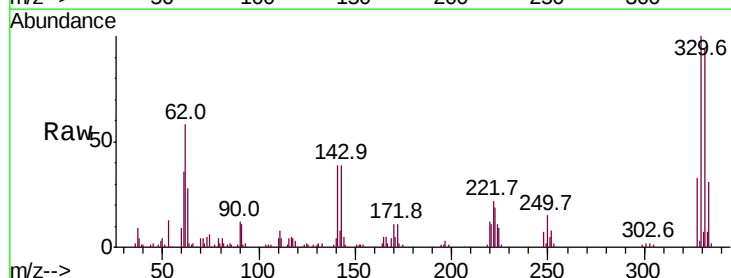


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

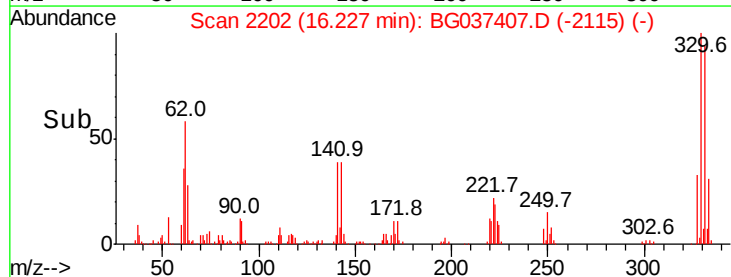
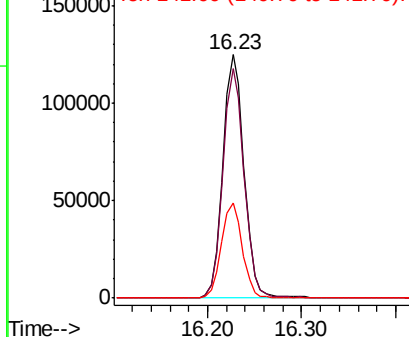


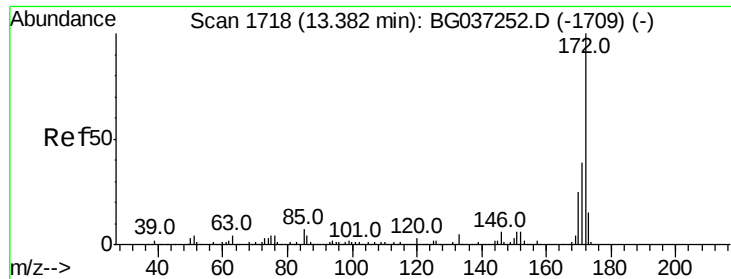
#42
 2,4,6-Tribromophenol
 Concen: 113.403 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG037407.D
 Acq: 18 Oct 2018 1:58

Tgt Ion:330 Resp: 196207
 Ion Ratio Lower Upper
 330 100
 332 93.8 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



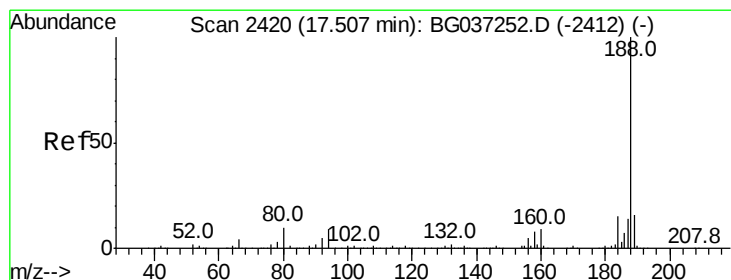
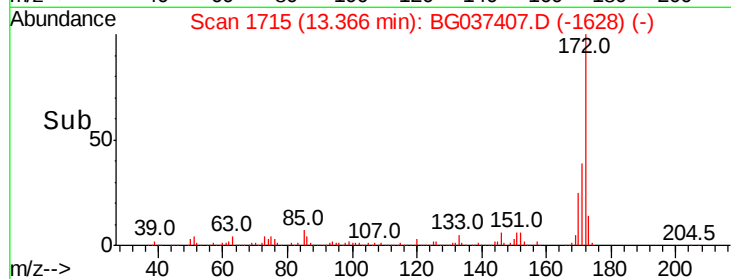
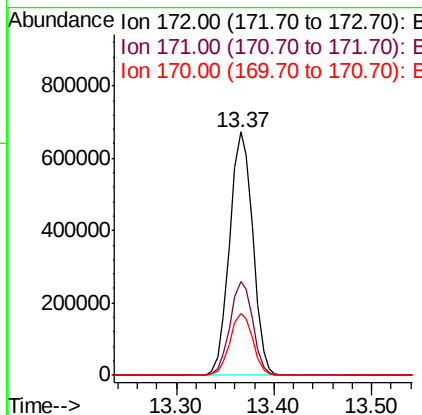
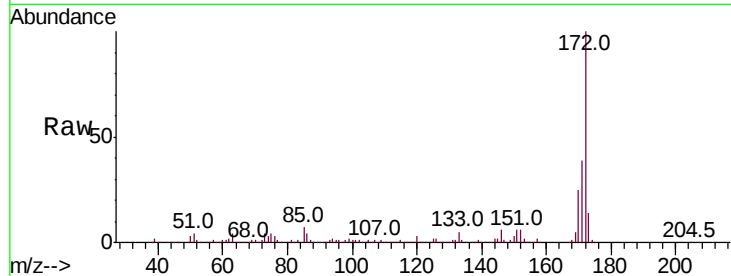


#45
 2-Fluorobiphenyl
 Concen: 94.159 ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BG037407.D
 Acq: 18 Oct 2018 1:58

Instrument :
 BNA_G
 ClientSampleId :
 101518-SIDI-E-U-S

Tot Ion:172 Resp: 1106129

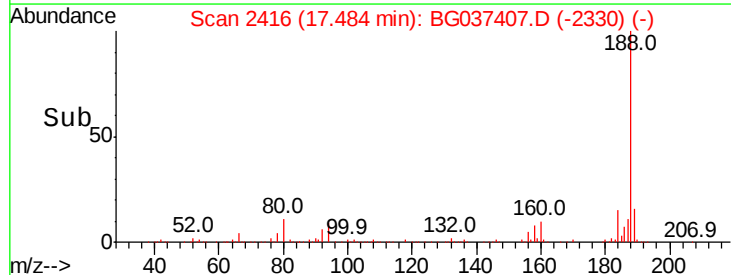
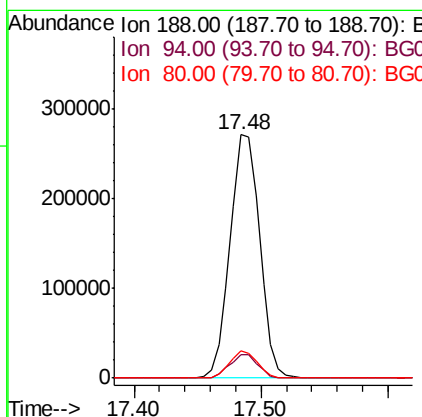
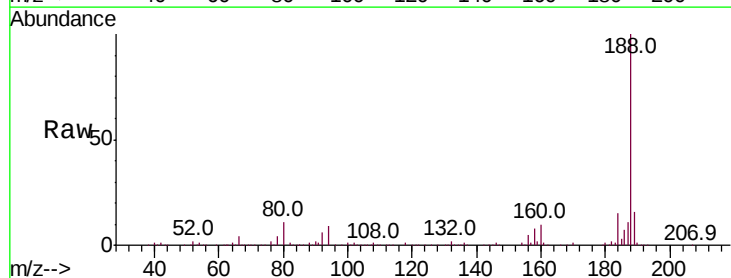
Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.0	46.4
170	25.4	20.2	30.2

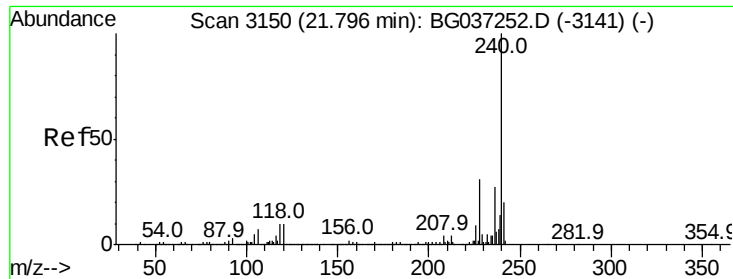


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.02 min
 Lab File: BG037407.D
 Acq: 18 Oct 2018 1:58

Tgt Ion:188 Resp: 439695

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	11.3	7.7	11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.02 min

Lab File: BG037407.D

Acq: 18 Oct 2018 1:58

Instrument :

BNA_G

ClientSampleId :

101518-SIDI-E-U-S

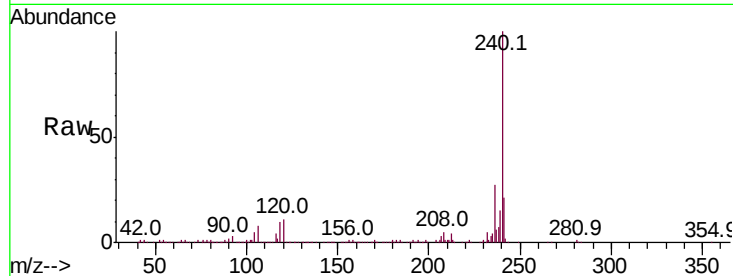
Tot Ion:240 Resp: 404570

Ion Ratio Lower Upper

240 100

120 11.2 8.1 12.1

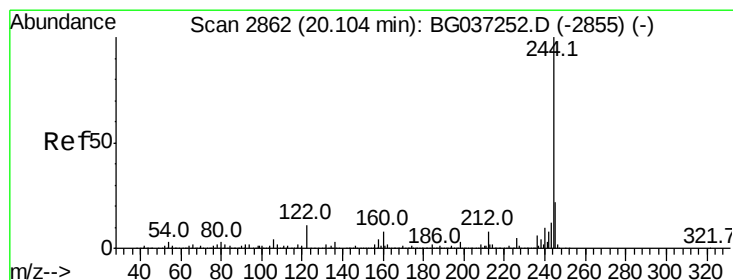
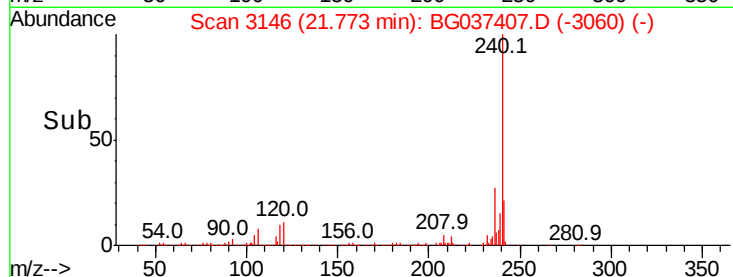
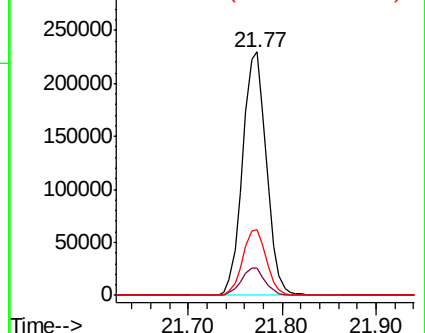
236 27.0 21.4 32.0



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: 84.493 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BG037407.D

Acq: 18 Oct 2018 1:58

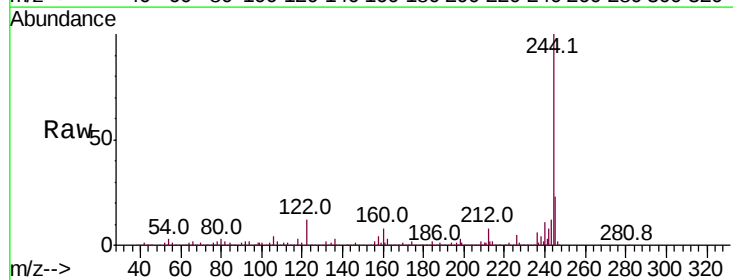
Tgt Ion:244 Resp: 1627979

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

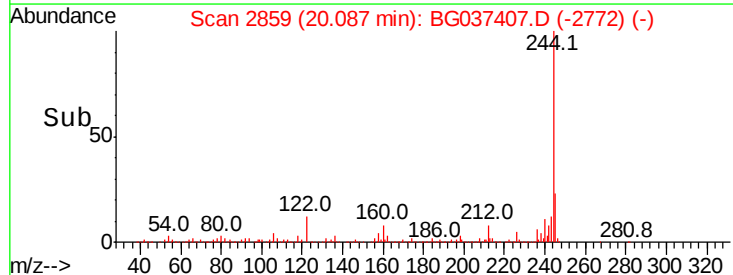
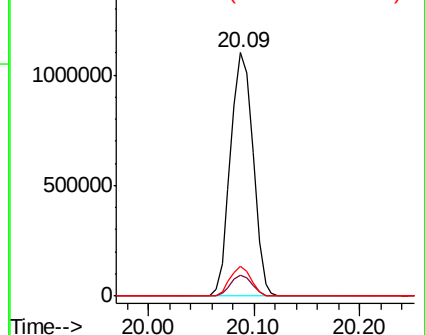
122 12.4 9.0 13.4

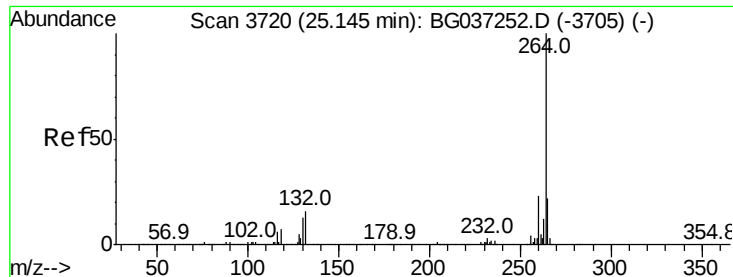


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3714
 Delta R.T. -0.03 min
 Lab File: BG037407.D
 Acq: 18 Oct 2018 1:58

Instrument :
 BNA_G
 ClientSampleId :
 101518-SIDI-E-U-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	21.8	17.9	26.9

