

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101718\
 Data File : BG037408.D
 Acq On : 18 Oct 2018 2:37
 Operator : JU/SJ
 Sample : J5541-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 101518-TIPC-F-D-B

Quant Time: Oct 18 12:08:02 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

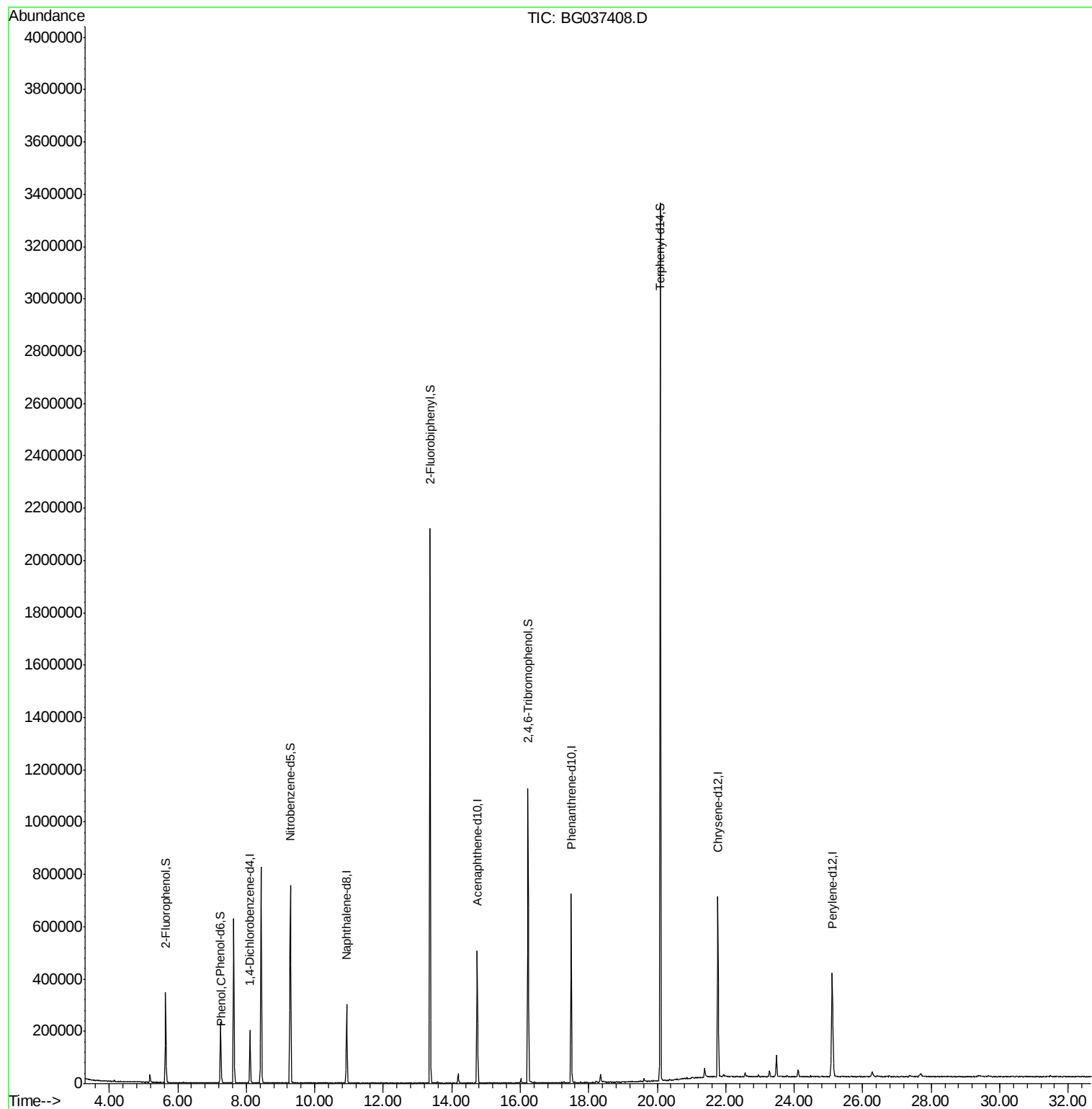
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	57836	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	272277	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	182276	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	456949	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	414450	20.00	ng	-0.02
87) Perylene-d12	25.11	264	414136	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	163504	49.75	ng	0.00
7) Phenol-d6	7.25	99	143986	28.87	ng	0.00
23) Nitrobenzene-d5	9.29	82	470427	113.59	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	201769	112.87	ng	-0.01
45) 2-Fluorobiphenyl	13.36	172	1134808	93.50	ng	-0.02
79) Terphenyl-d14	20.09	244	1649130	83.55	ng	-0.01
Target Compounds						
10) Phenol	7.28	94	15327	2.918	ng	Qvalue 98

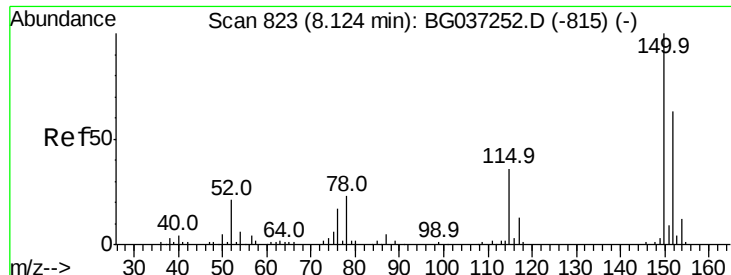
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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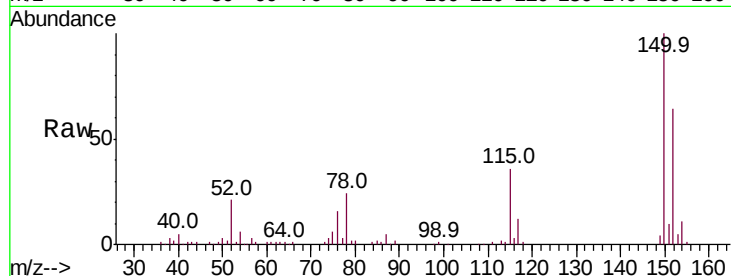


#1

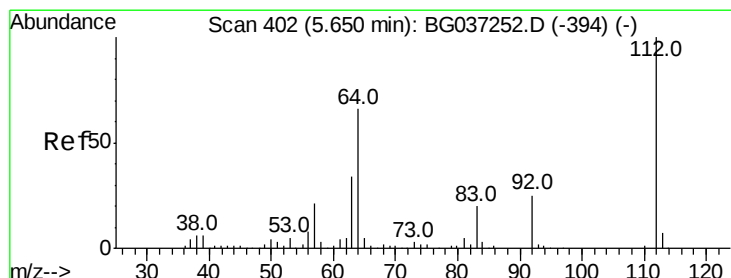
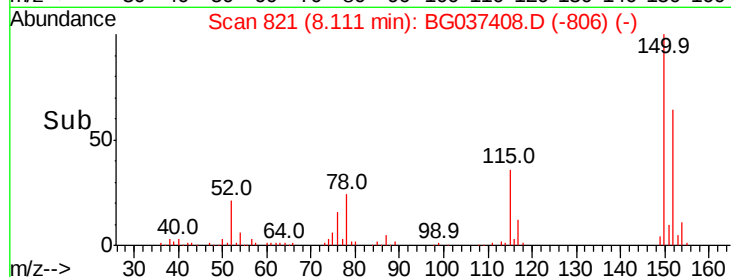
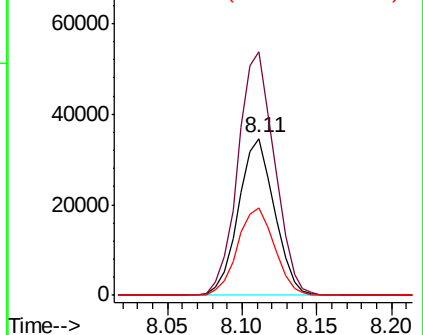
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037408.D
Acq: 18 Oct 2018 2:37

Instrument :
BNA_G
ClientSampleId :
101518-TIPC-F-D-B

Tot Ion:152 Resp: 57836
Ion Ratio Lower Upper
152 100
150 155.5 126.0 189.0
115 56.0 45.5 68.3



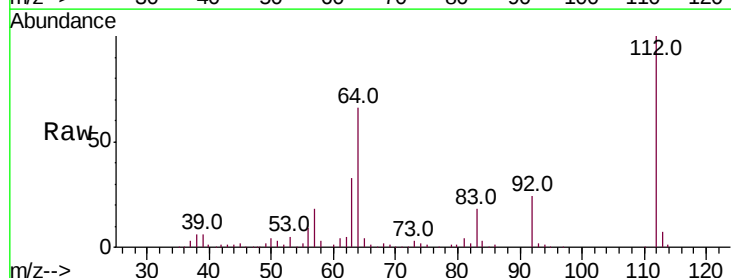
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



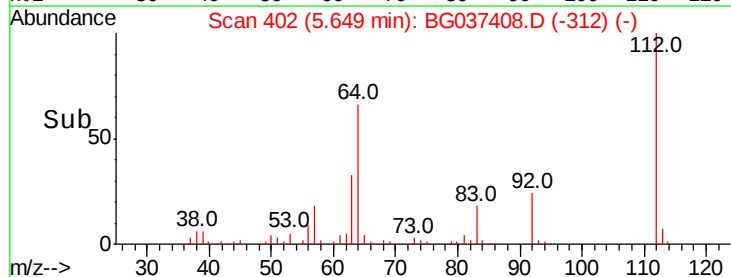
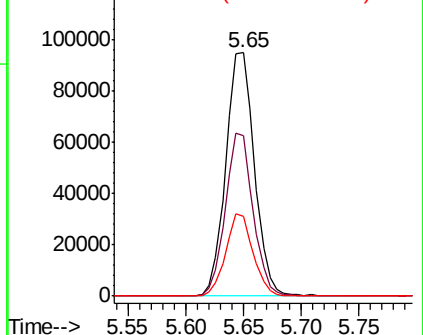
#5

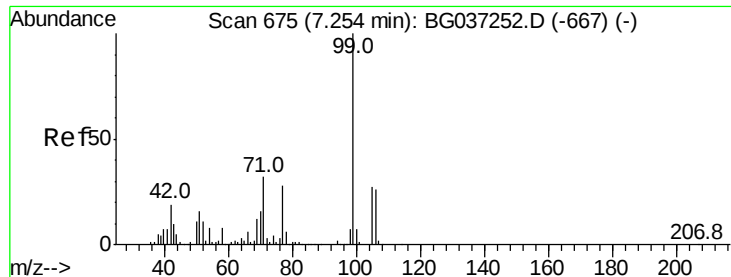
2-Fluorophenol
Concen: 49.753 ng
RT: 5.65 min Scan# 402
Delta R.T. -0.00 min
Lab File: BG037408.D
Acq: 18 Oct 2018 2:37

Tgt Ion:112 Resp: 163504
Ion Ratio Lower Upper
112 100
64 66.1 53.1 79.7
63 32.9 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: 28.866 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037408.D

Acq: 18 Oct 2018 2:37

Instrument :

BNA_G

ClientSampleId :

101518-TIPC-F-D-B

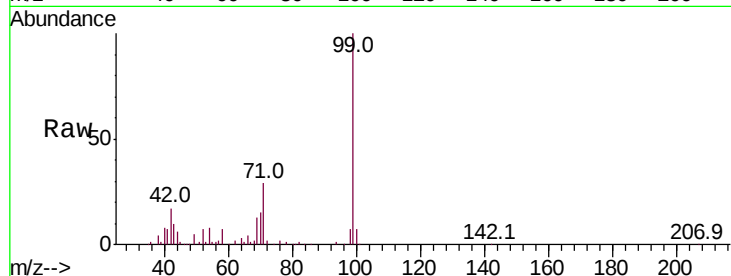
Tot Ion: 99 Resp: 143986

Ion Ratio Lower Upper

99 100

42 17.2 15.0 22.4

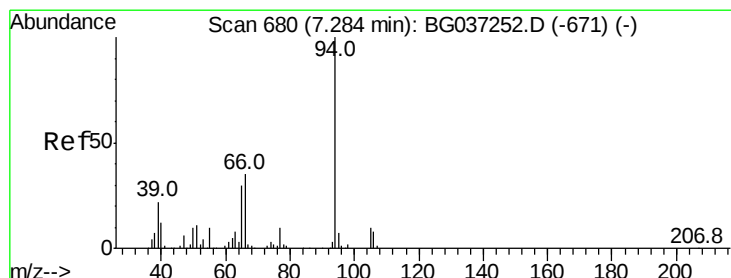
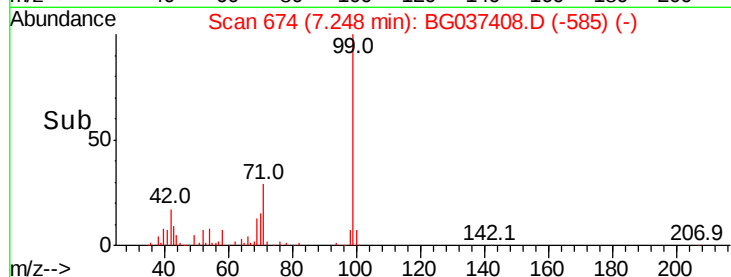
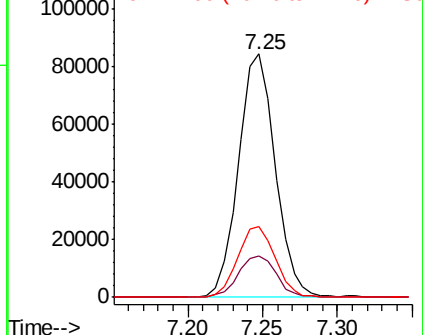
71 28.9 25.5 38.3



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



#10

Phenol

Concen: 2.918 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG037408.D

Acq: 18 Oct 2018 2:37

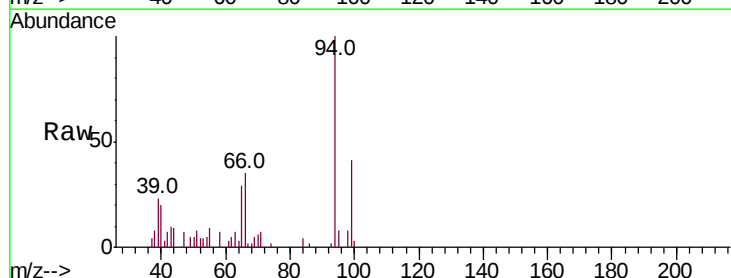
Tgt Ion: 94 Resp: 15327

Ion Ratio Lower Upper

94 100

65 28.6 9.7 49.7

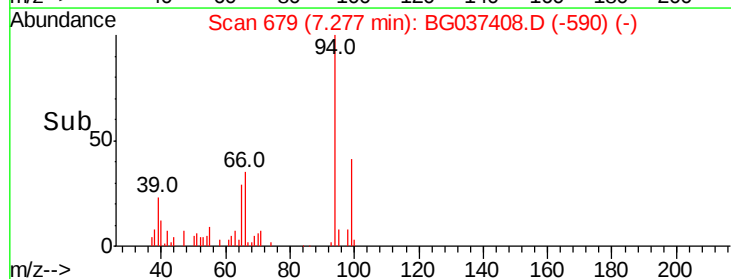
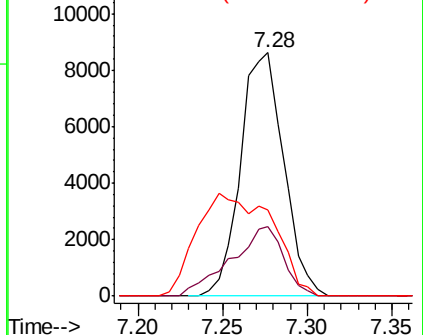
66 35.3 15.9 55.9

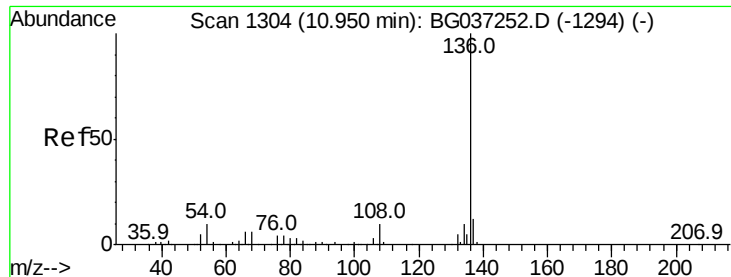


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

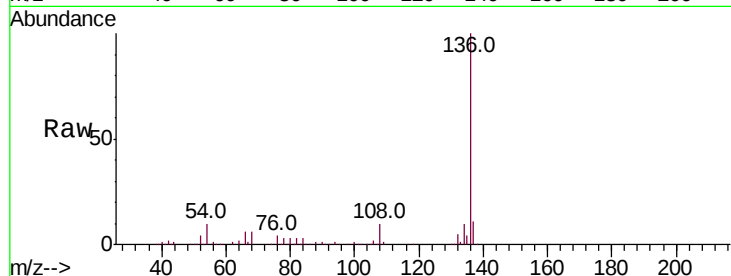




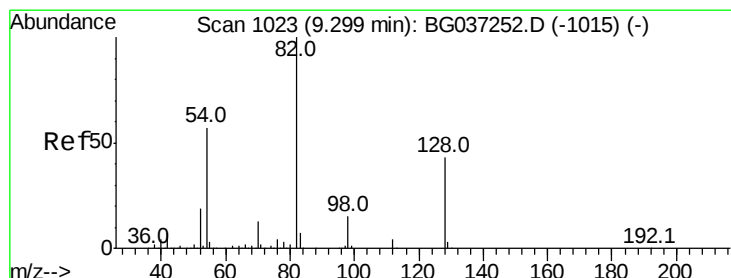
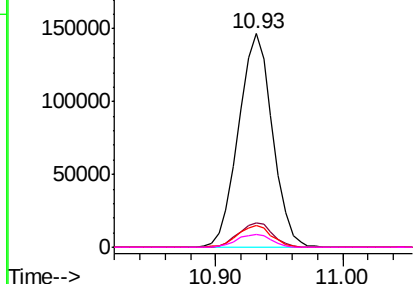
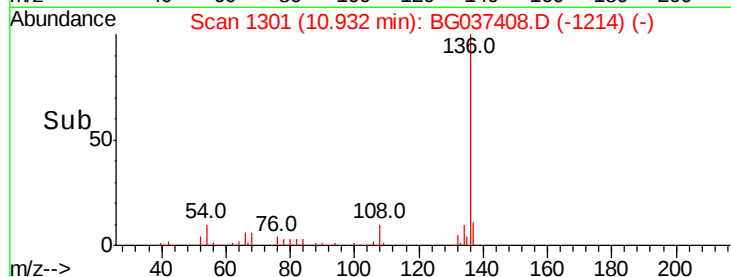
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037408.D
Acq: 18 Oct 2018 2:37

Instrument :
BNA_G
ClientSampleId :
101518-TIPC-F-D-B

Tot Ion:136	Resp:	272277
Ion Ratio	Lower	Upper
136 100		
137 11.2	9.6	14.4
54 10.3	7.9	11.9
68 6.2	4.8	7.2

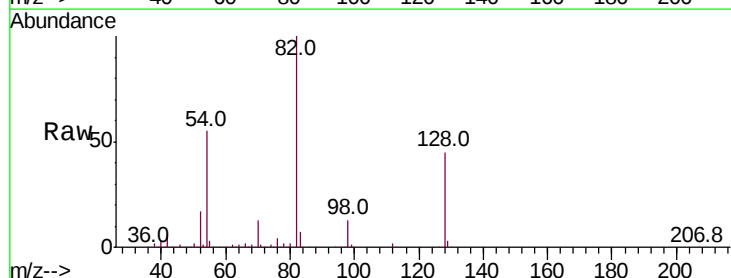


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

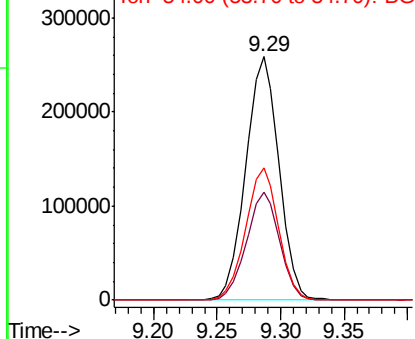
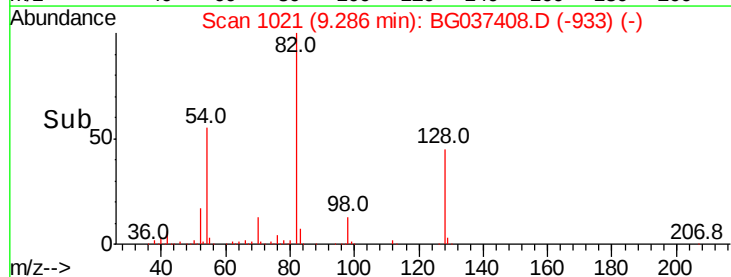


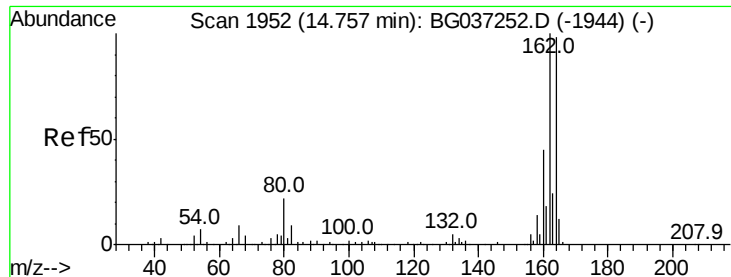
#23
Nitrobenzene-d5
Concen: 113.591 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037408.D
Acq: 18 Oct 2018 2:37

Tgt Ion: 82	Resp: 470427
Ion Ratio	Lower Upper
82 100	
128 44.5	34.6 51.8
54 54.5	45.3 67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG037408.D

Acq: 18 Oct 2018 2:37

Instrument :

BNA_G

ClientSampleId :

101518-TIPC-F-D-B

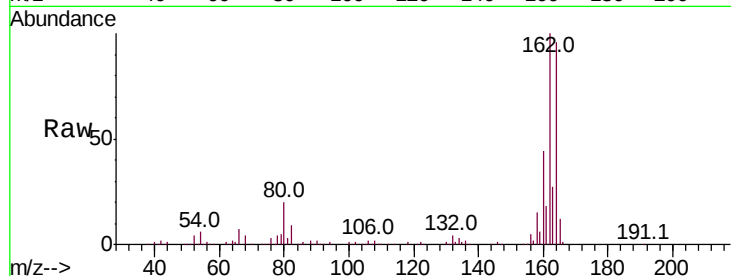
Tot Ion:164 Resp: 182276

Ion Ratio Lower Upper

164 100

162 104.0 81.3 121.9

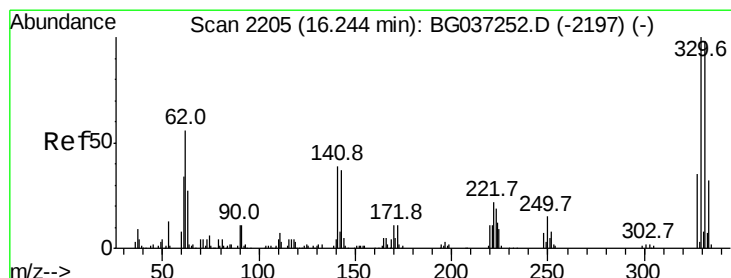
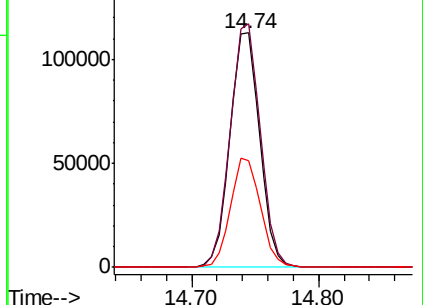
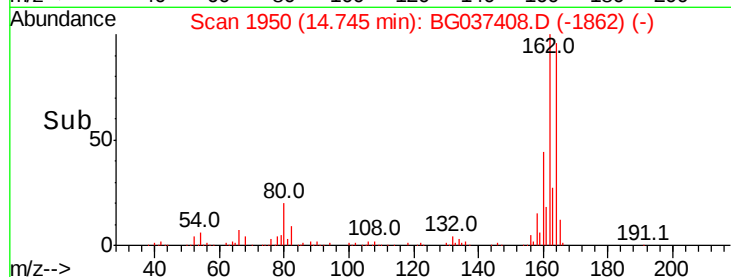
160 45.6 36.3 54.5



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: 112.870 ng

RT: 16.23 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG037408.D

Acq: 18 Oct 2018 2:37

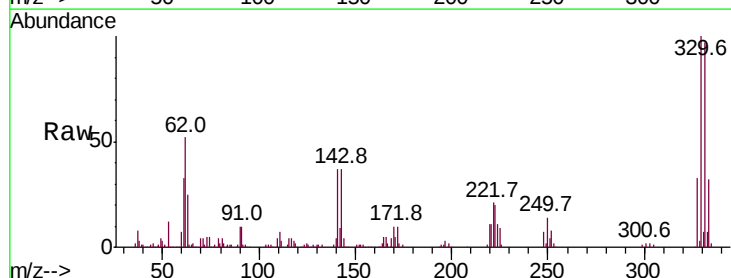
Tgt Ion:330 Resp: 201769

Ion Ratio Lower Upper

330 100

332 97.4 78.4 117.6

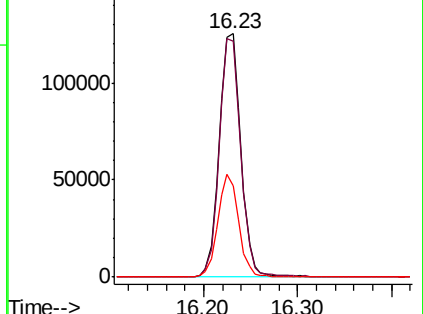
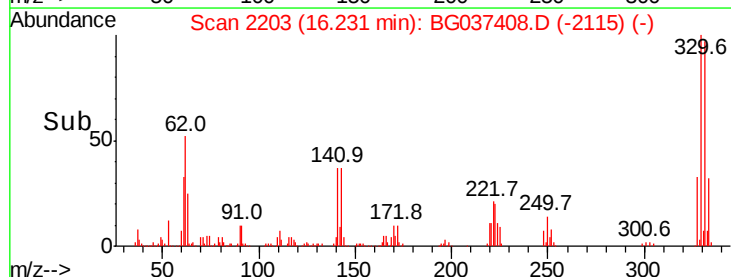
141 40.7 32.2 48.2

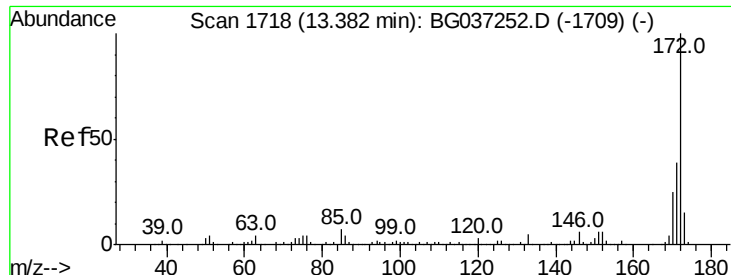


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



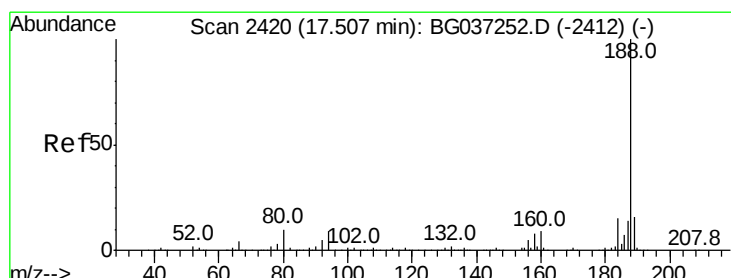
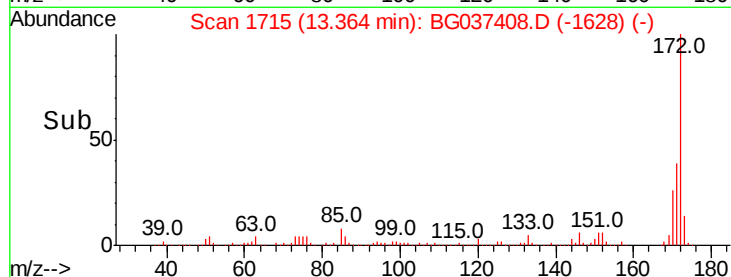
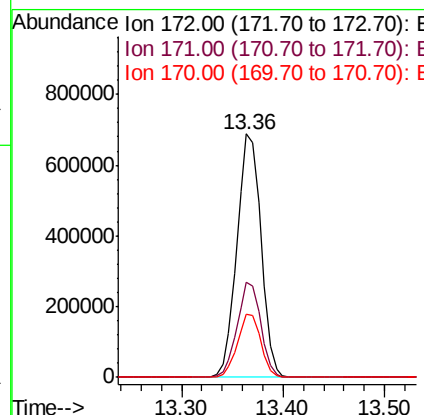
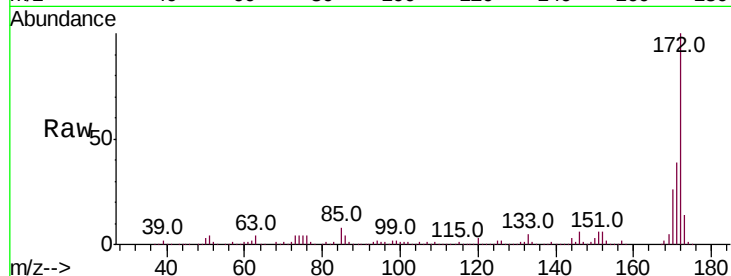


#45
 2-Fluorobiphenyl
 Concen: 93.496 ng
 RT: 13.36 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BG037408.D
 Acq: 18 Oct 2018 2:37

Instrument :
 BNA_G
 ClientSampleId :
 101518-TIPC-F-D-B

Tot Ion:172 Resp: 1134808

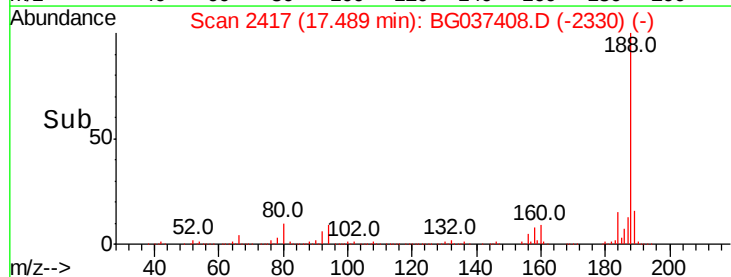
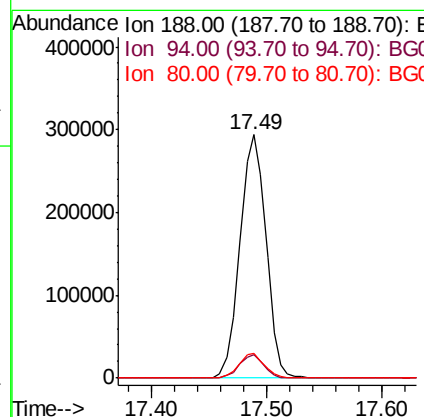
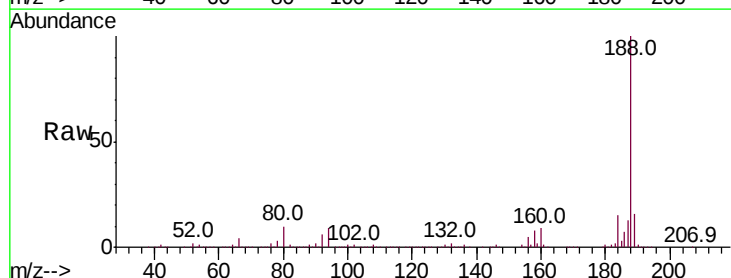
Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.0	46.4
170	25.7	20.2	30.2

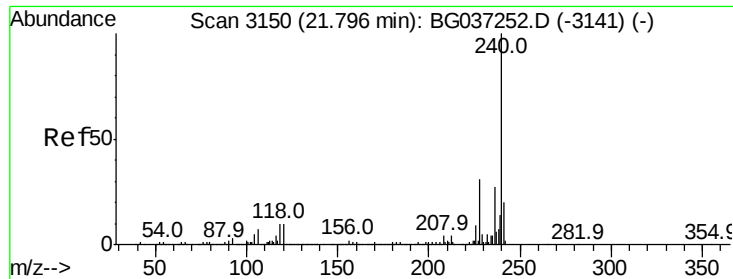


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BG037408.D
 Acq: 18 Oct 2018 2:37

Tgt Ion:188 Resp: 456949

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.1	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: BG037408.D

Acq: 18 Oct 2018 2:37

Instrument :

BNA_G

ClientSampleId :

101518-TIPC-F-D-B

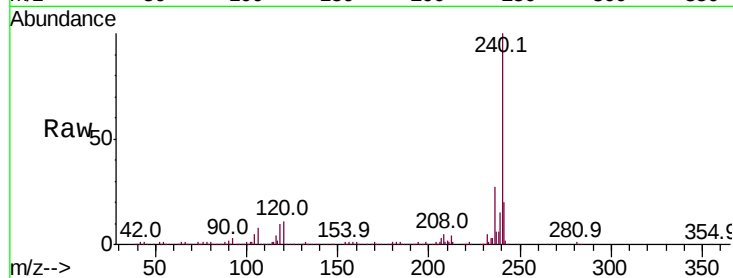
Tot Ion:240 Resp: 414450

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

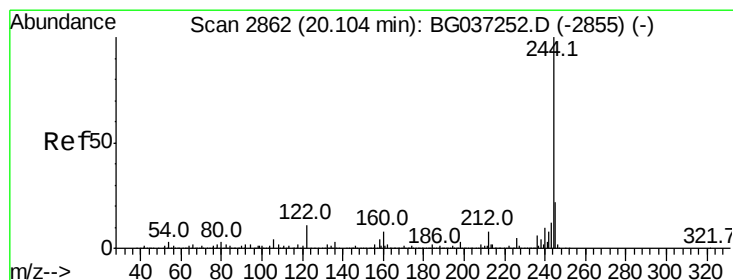
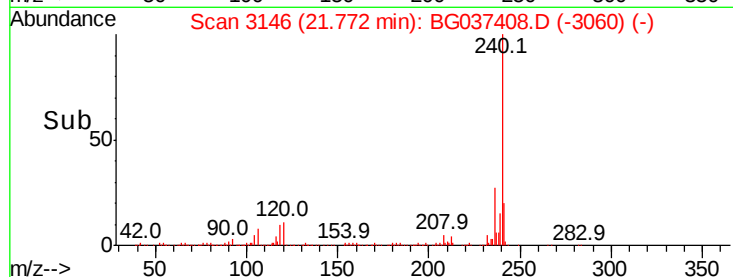
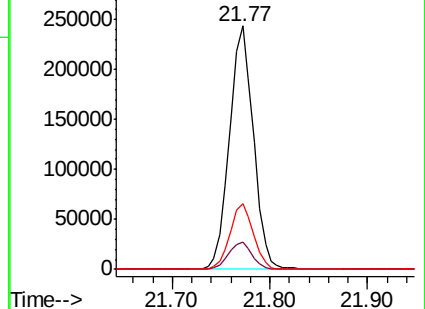
236 26.8 21.4 32.0



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: 83.551 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG037408.D

Acq: 18 Oct 2018 2:37

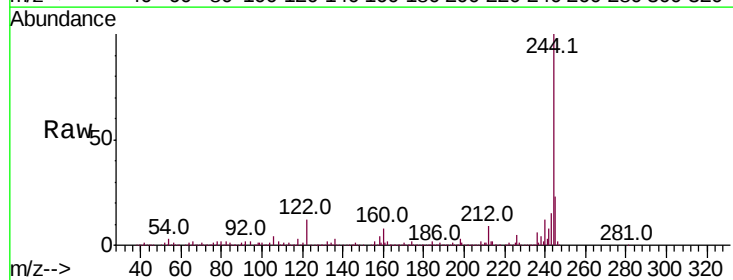
Tgt Ion:244 Resp: 1649130

Ion Ratio Lower Upper

244 100

212 8.9 6.5 9.7

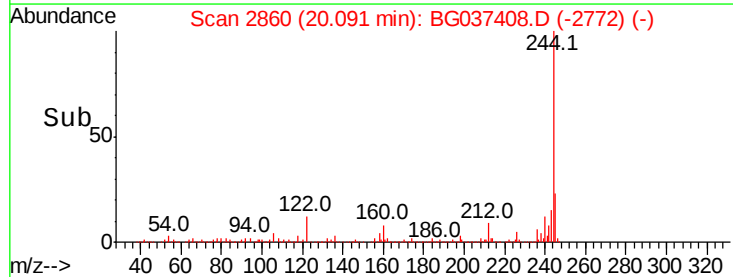
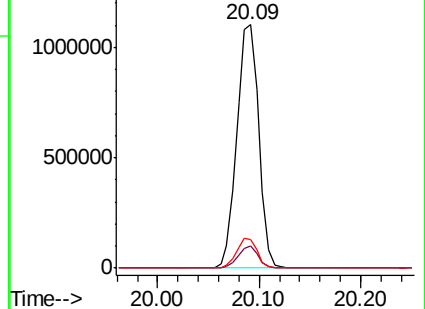
122 11.5 9.0 13.4

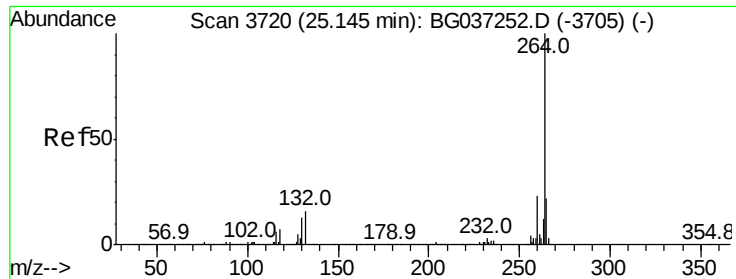


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

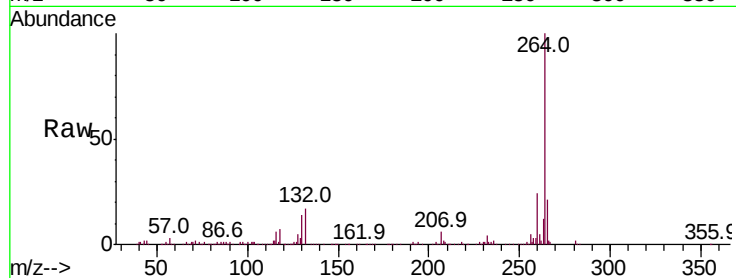




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3714
 Delta R.T. -0.04 min
 Lab File: BG037408.D
 Acq: 18 Oct 2018 2:37

Instrument :
 BNA_G
 ClientSampleId :
 101518-TIPC-F-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	21.3	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

