

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101718\
 Data File : BG037409.D
 Acq On : 18 Oct 2018 3:16
 Operator : JU/SJ
 Sample : J5541-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Oct 18 12:08:48 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

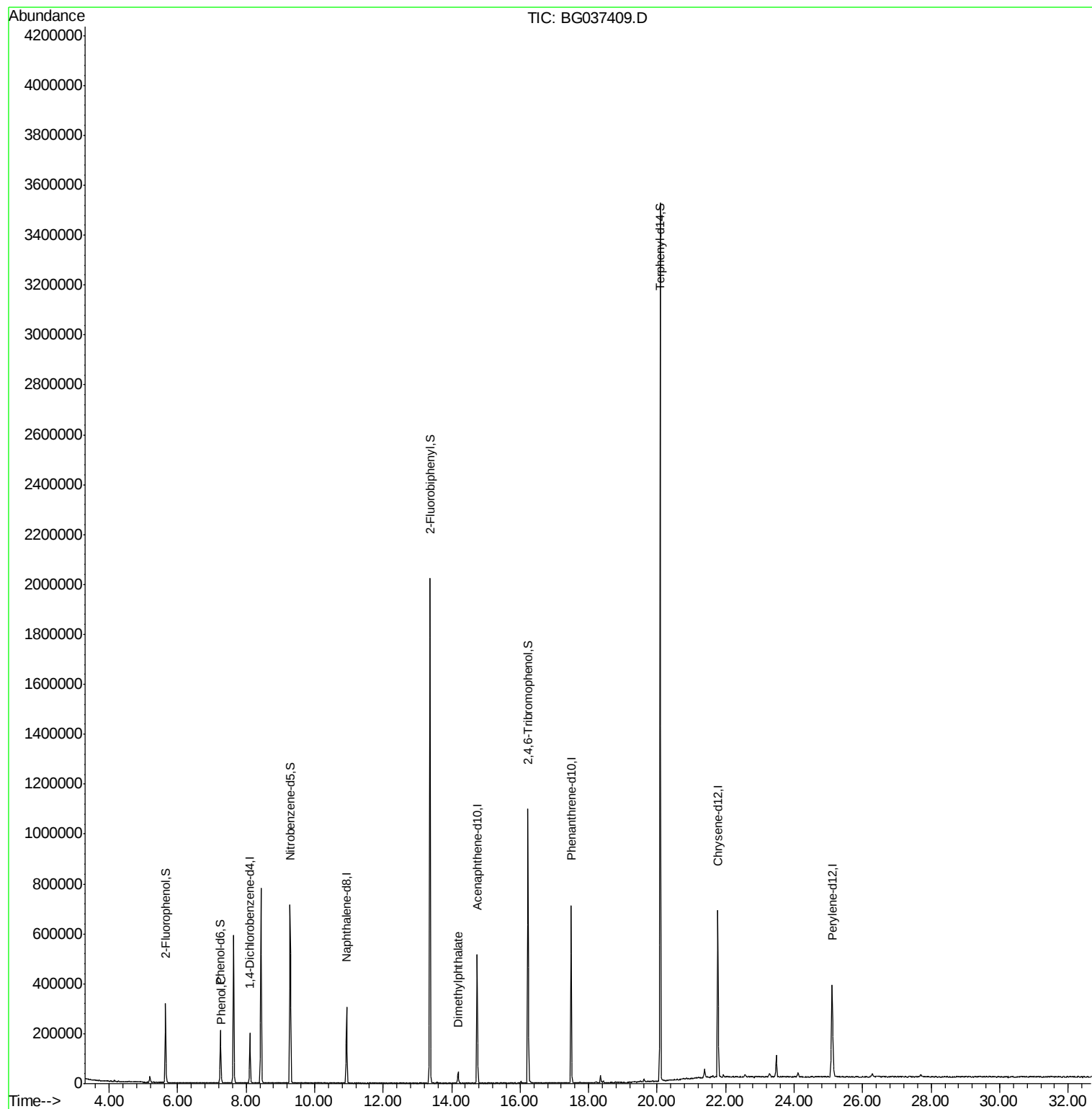
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	58858	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	267196	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	181760	20.00	ng	-0.02
64) Phenanthrene-d10	17.49	188	453594	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	411477	20.00	ng	-0.02
87) Perylene-d12	25.11	264	411404	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	151016	45.16	ng	0.00
7) Phenol-d6	7.24	99	133905	26.38	ng	0.00
23) Nitrobenzene-d5	9.28	82	450285	110.79	ng	-0.02
42) 2,4,6-Tribromophenol	16.23	330	194305	109.00	ng	-0.02
45) 2-Fluorobiphenyl	13.37	172	1116010	92.21	ng	-0.02
79) Terphenyl-d14	20.09	244	1596588	81.47	ng	-0.02
Target Compounds						
10) Phenol	7.27	94	15984	2.990	ng	93
50) Dimethylphthalate	14.19	163	33705	2.360	ng	99

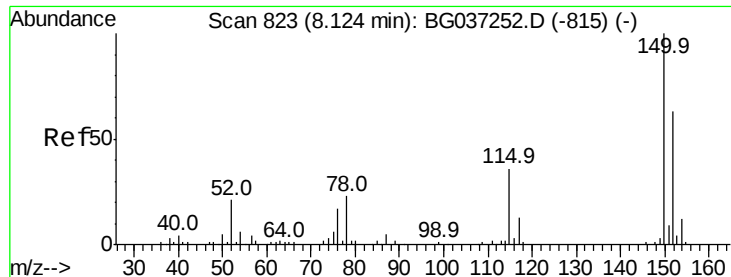
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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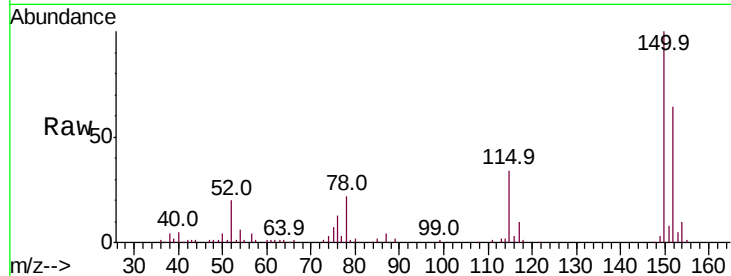


#1

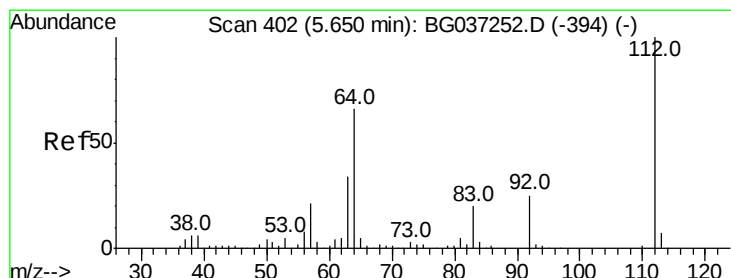
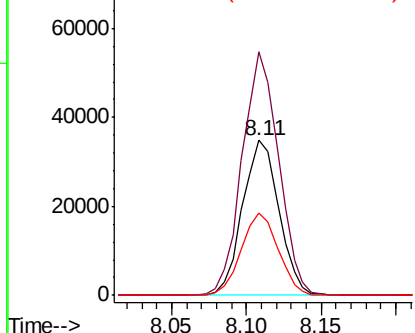
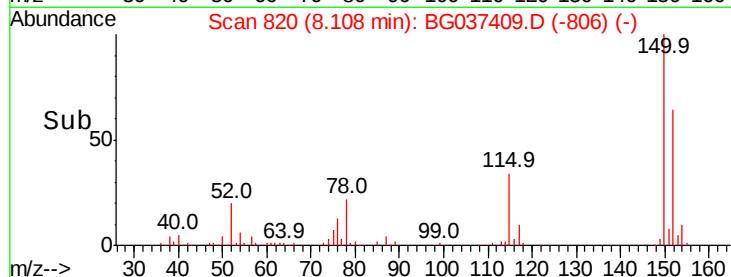
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.02 min
Lab File: BG037409.D
Acq: 18 Oct 2018 3:16

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

Tot Ion:152 Resp: 58858
Ion Ratio Lower Upper
152 100
150 157.2 126.0 189.0
115 53.3 45.5 68.3



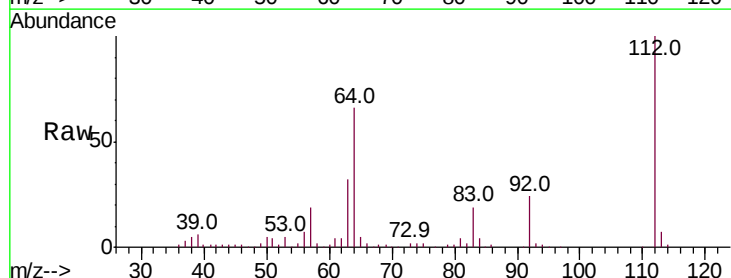
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



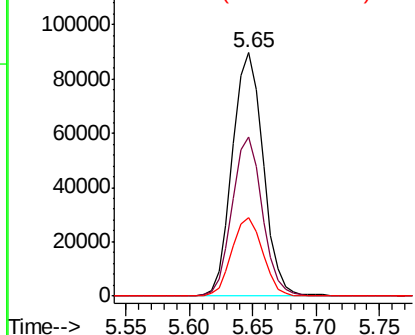
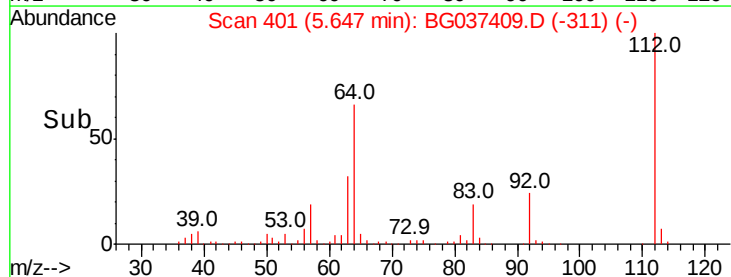
#5

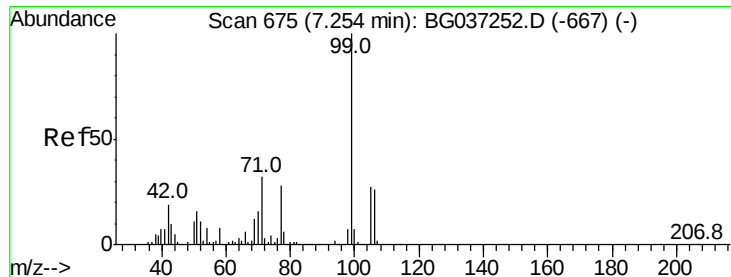
2-Fluorophenol
Concen: 45.155 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037409.D
Acq: 18 Oct 2018 3:16

Tgt Ion:112 Resp: 151016
Ion Ratio Lower Upper
112 100
64 65.6 53.1 79.7
63 32.2 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: 26.379 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037409.D

Acq: 18 Oct 2018 3:16

Instrument :

BNA_G

ClientSampleId :

101518-TIPC-F-D-S

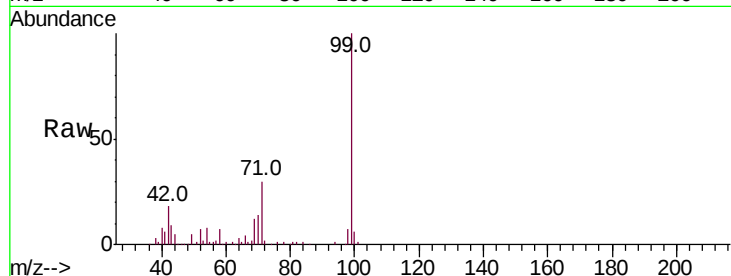
Tot Ion: 99 Resp: 133905

Ion Ratio Lower Upper

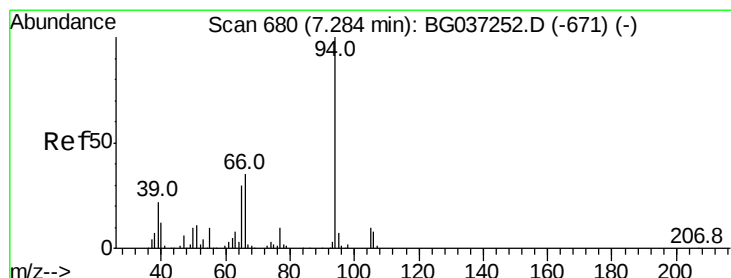
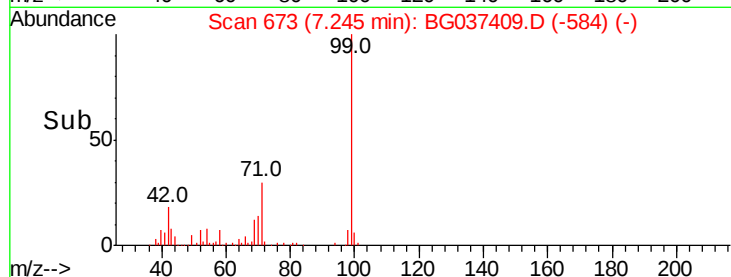
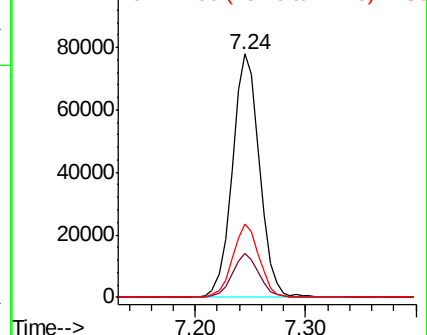
99 100

42 18.2 15.0 22.4

71 30.1 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: 2.990 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG037409.D

Acq: 18 Oct 2018 3:16

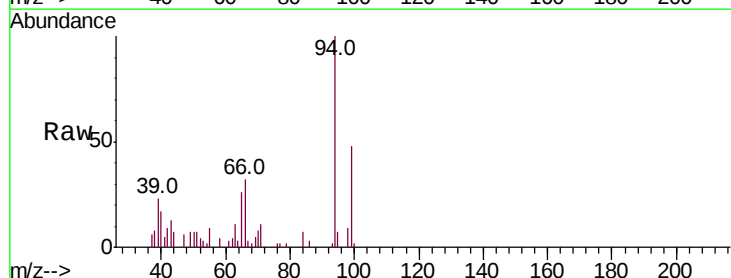
Tgt Ion: 94 Resp: 15984

Ion Ratio Lower Upper

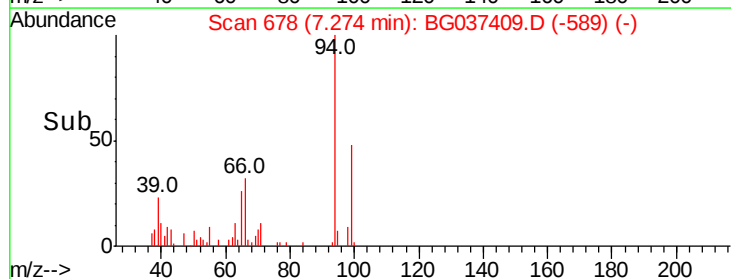
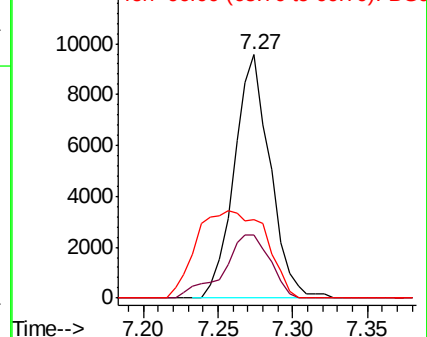
94 100

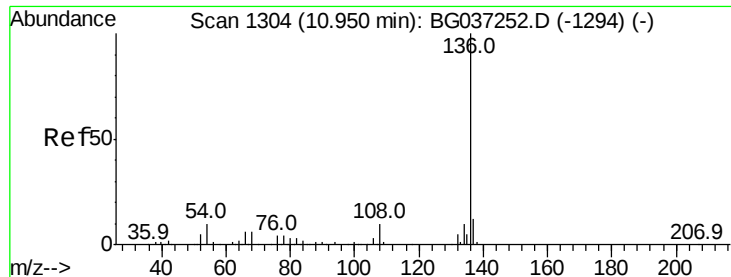
65 25.8 9.7 49.7

66 32.4 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

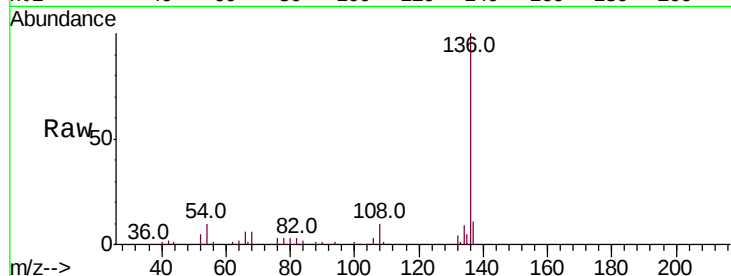




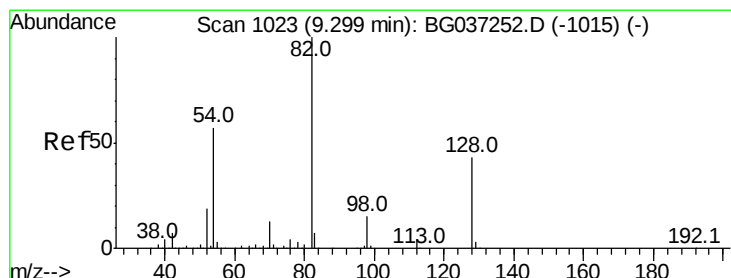
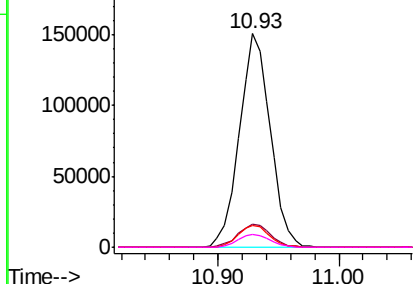
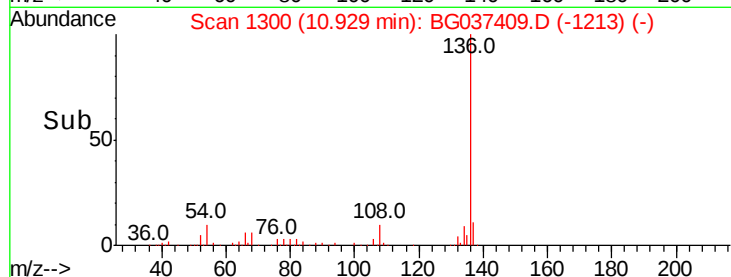
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BG037409.D
Acq: 18 Oct 2018 3:16

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

Tot Ion:136	Resp:	267196
Ion Ratio	Lower	Upper
136 100		
137 10.5	9.6	14.4
54 10.4	7.9	11.9
68 6.0	4.8	7.2

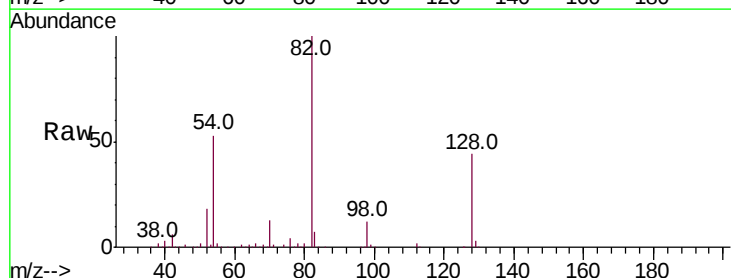


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

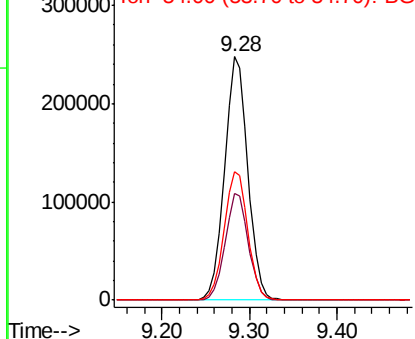
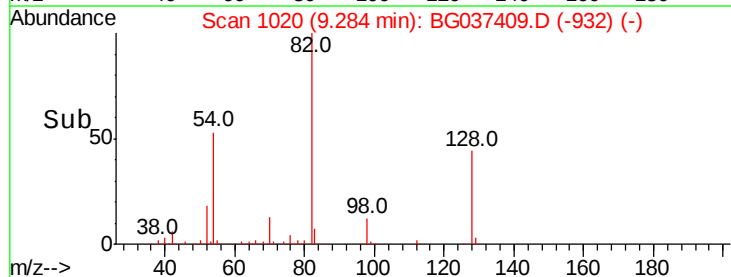


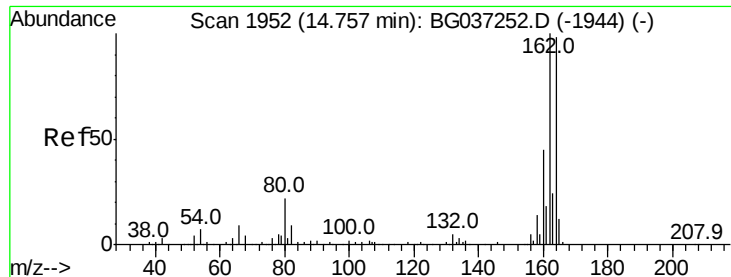
#23
Nitrobenzene-d5
Concen: 110.795 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BG037409.D
Acq: 18 Oct 2018 3:16

Tgt Ion: 82	Resp: 450285
Ion Ratio	Lower Upper
82 100	
128 43.8	34.6 51.8
54 52.9	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: BG037409.D

Acq: 18 Oct 2018 3:16

Instrument :

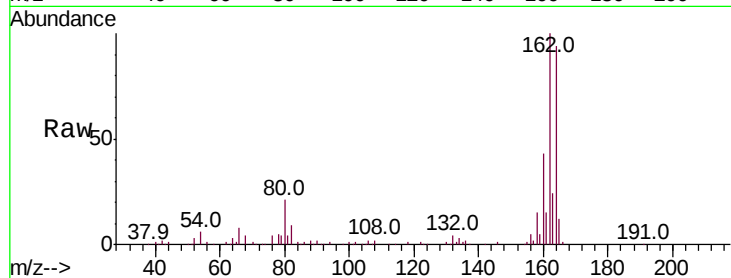
BNA_G

ClientSampleId :

101518-TIPC-F-D-S

Tot Ion:164 Resp: 181760

Ion	Ratio	Lower	Upper
164	100		
162	106.8	81.3	121.9
160	45.6	36.3	54.5



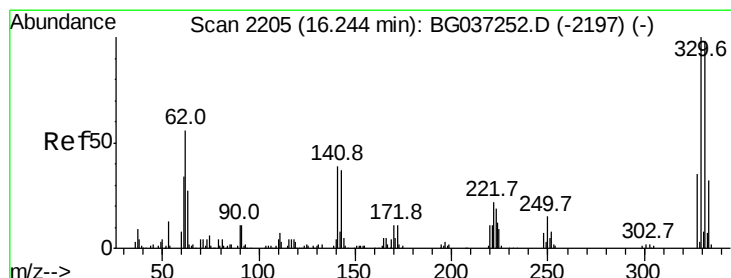
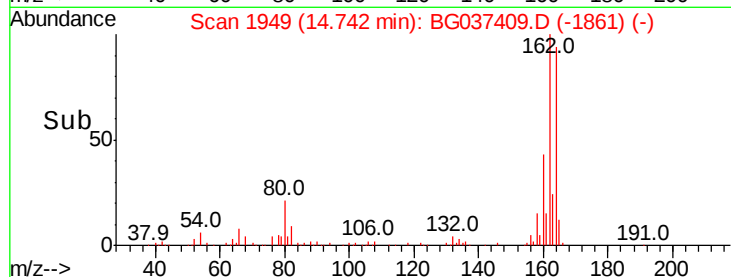
Abundance

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

Time-->



#42

2,4,6-Tribromophenol

Concen: 109.003 ng

RT: 16.23 min Scan# 2202

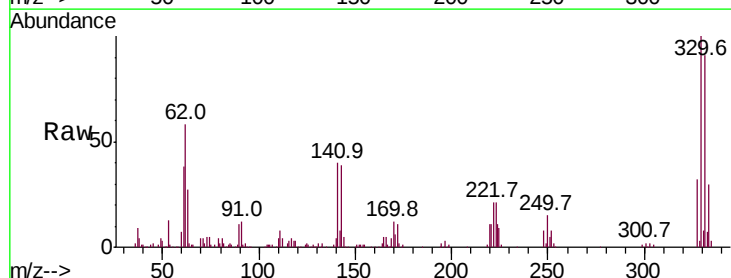
Delta R.T. -0.02 min

Lab File: BG037409.D

Acq: 18 Oct 2018 3:16

Tgt Ion:330 Resp: 194305

Ion	Ratio	Lower	Upper
330	100		
332	94.6	78.4	117.6
141	40.1	32.2	48.2



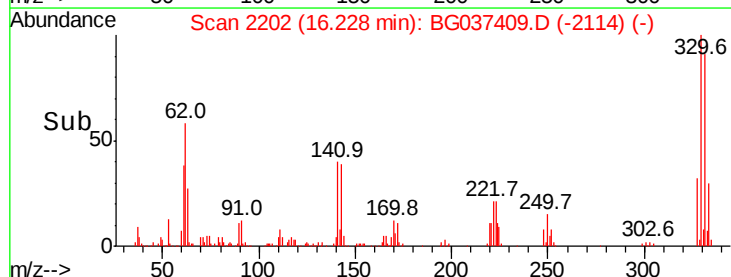
Abundance

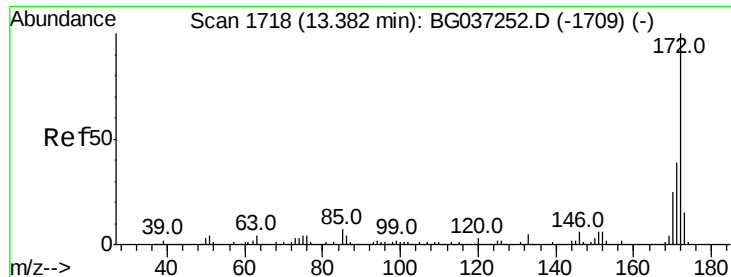
Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->



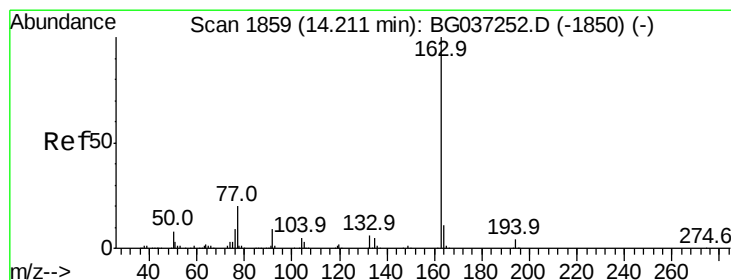
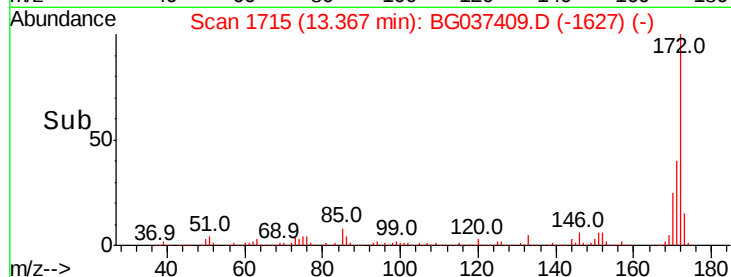
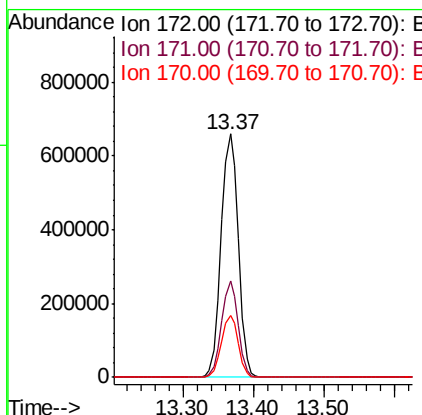
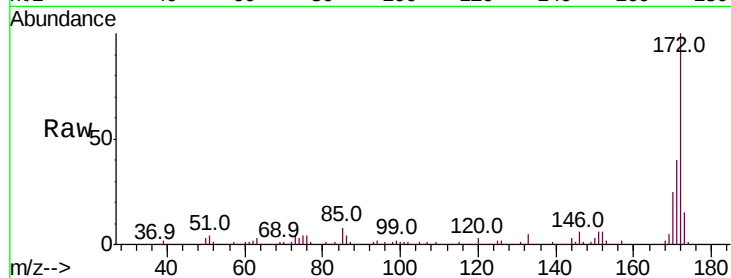


#45
 2-Fluorobiphenyl
 Concen: 92.209 ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BG037409.D
 Acq: 18 Oct 2018 3:16

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

Tot Ion:172 Resp: 1116010

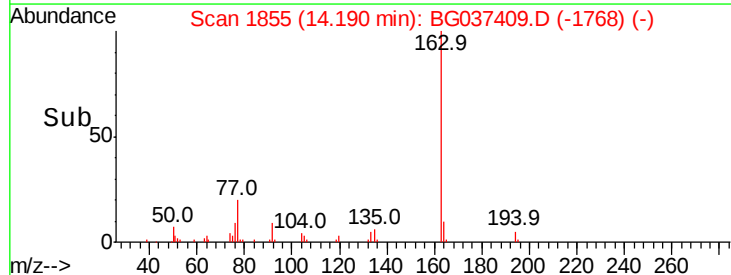
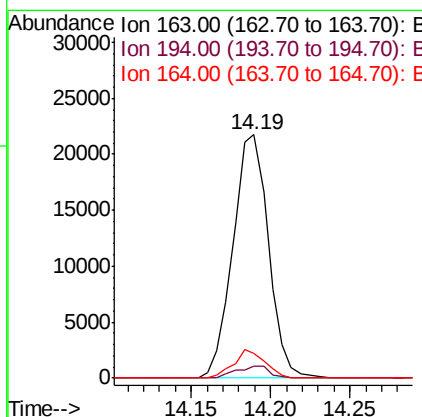
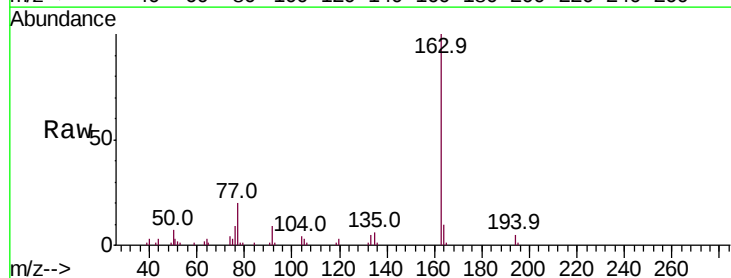
Ion	Ratio	Lower	Upper
172	100		
171	39.8	31.0	46.4
170	25.3	20.2	30.2

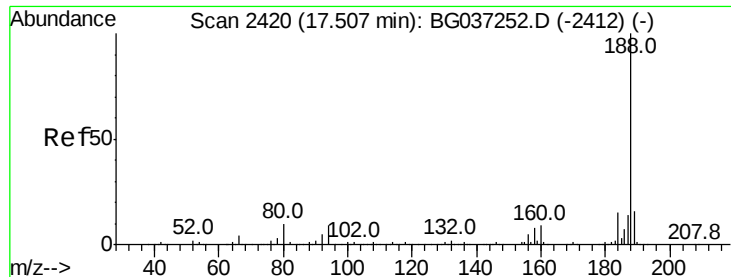


#50
 Dimethylphthalate
 Concen: 2.360 ng
 RT: 14.19 min Scan# 1855
 Delta R.T. -0.02 min
 Lab File: BG037409.D
 Acq: 18 Oct 2018 3:16

Tgt Ion:163 Resp: 33705

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	10.3	8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2416

Delta R.T. -0.02 min

Lab File: BG037409.D

Acq: 18 Oct 2018 3:16

Instrument :

BNA_G

ClientSampleId :

101518-TIPC-F-D-S

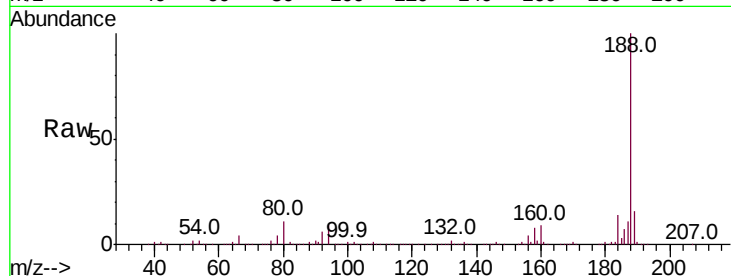
Tot Ion:188 Resp: 453594

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

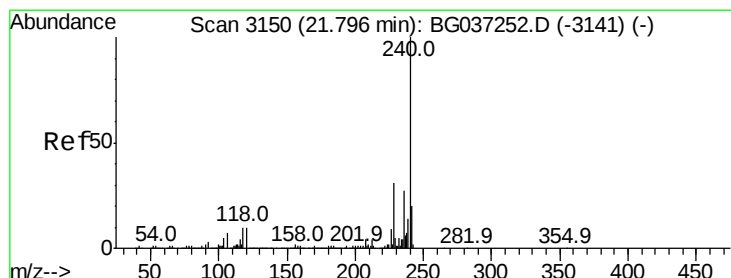
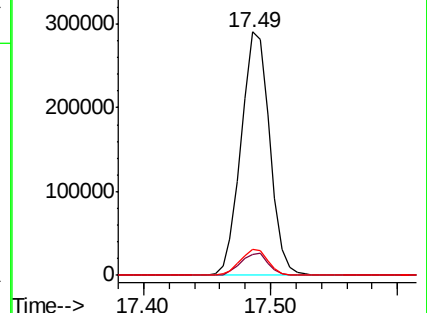
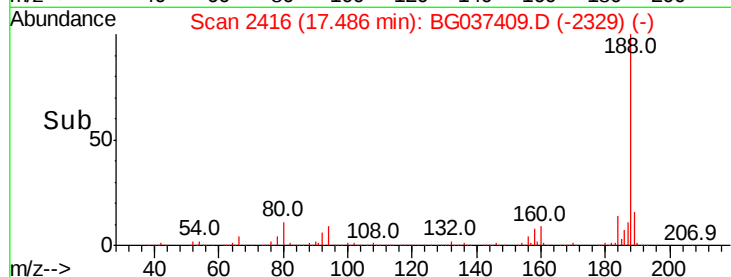
80 10.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.02 min

Lab File: BG037409.D

Acq: 18 Oct 2018 3:16

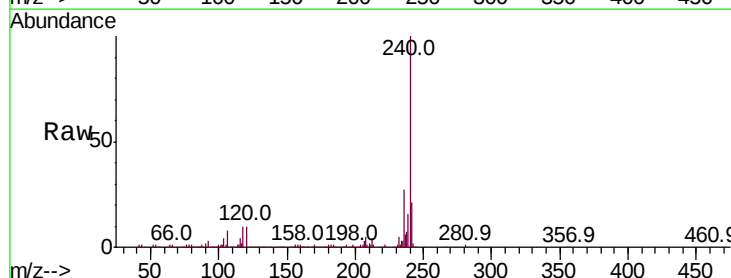
Tgt Ion:240 Resp: 411477

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

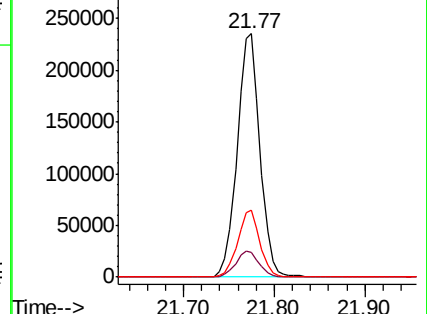
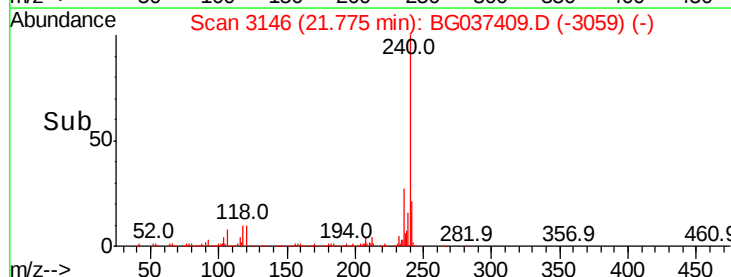
236 27.3 21.4 32.0

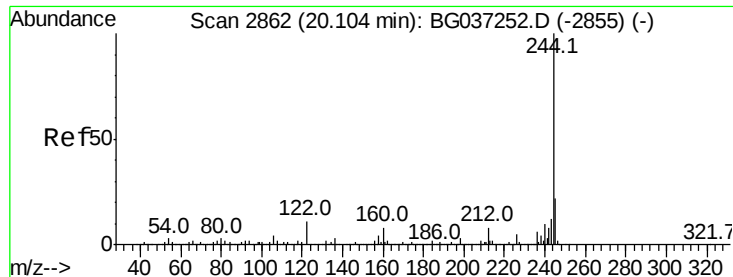


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.473 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BG037409.D

Acq: 18 Oct 2018 3:16

Instrument :

BNA_G

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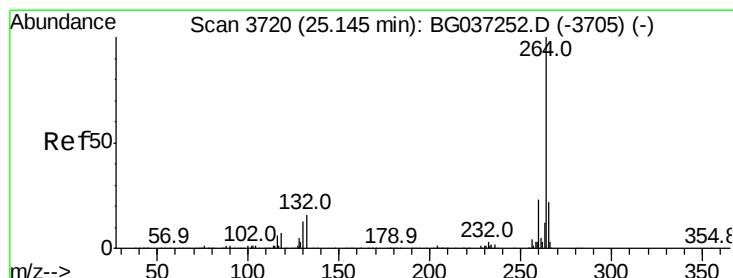
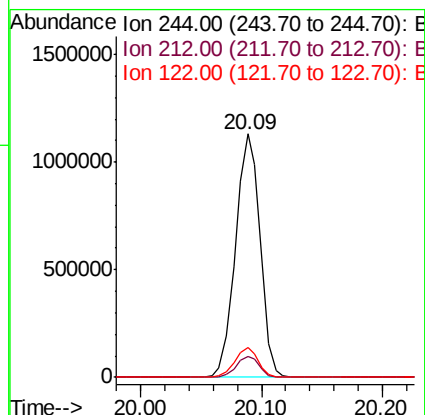
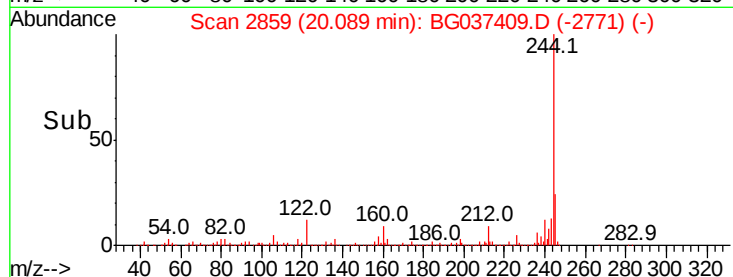
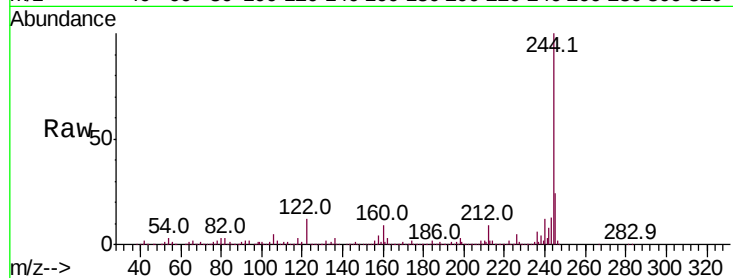
Tot Ion:244 Resp: 1596588

Ion Ratio Lower Upper

244 100

212 8.8 6.5 9.7

122 12.3 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3714

Delta R.T. -0.03 min

Lab File: BG037409.D

Acq: 18 Oct 2018 3:16

Tgt Ion:264 Resp: 411404

Ion Ratio Lower Upper

264 100

260 24.5 18.2 27.4

265 22.0 17.9 26.9

