

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
 Data File : BG036954.D
 Acq On : 25 Sep 2018 18:19
 Operator : JU/SJ
 Sample : J5055-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-C

Quant Time: Sep 26 01:53:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

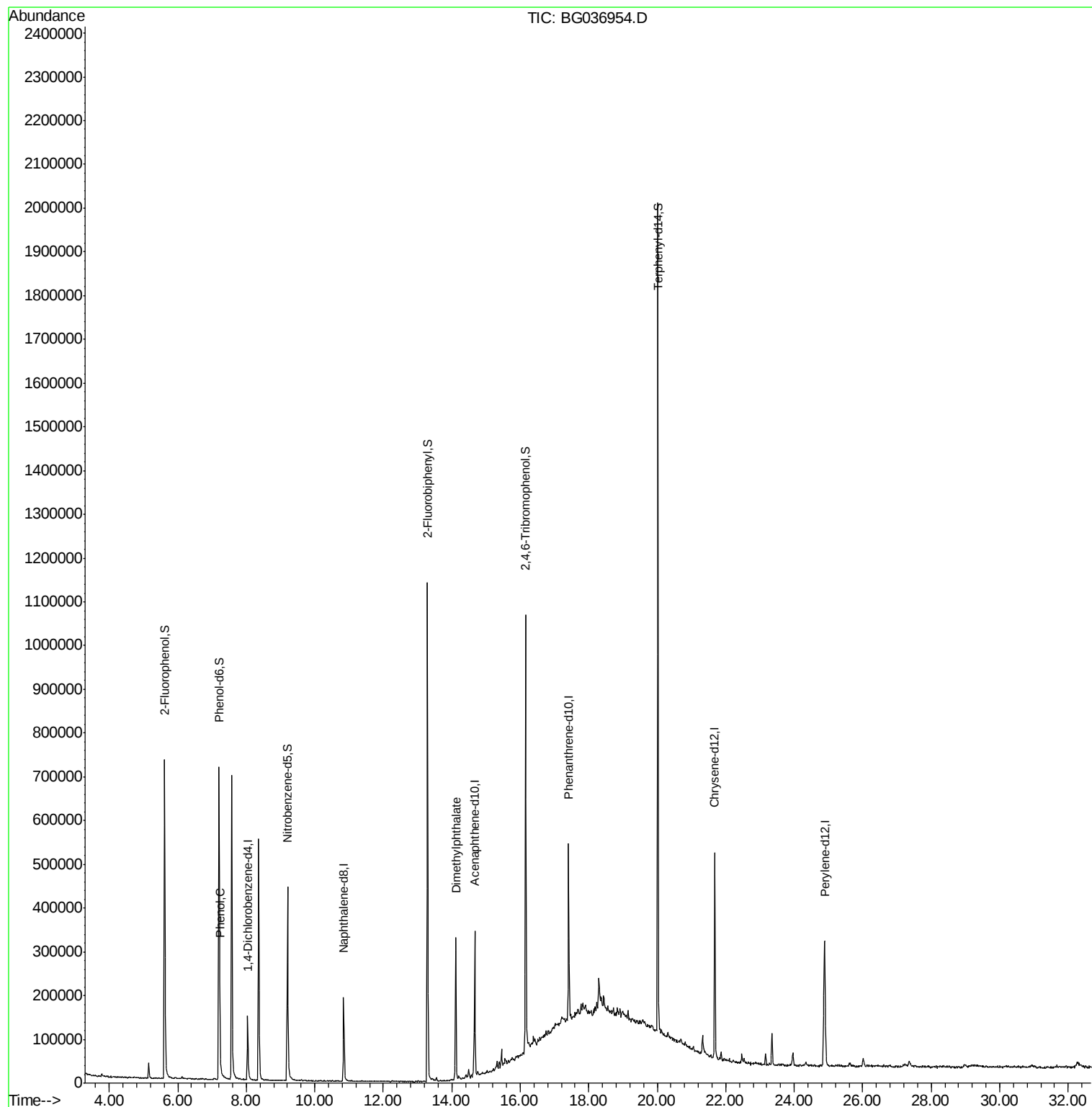
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	46049	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	183725	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	121407	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	267908	20.00	ng	0.00
75) Chrysene-d12	21.68	240	304829	20.00	ng	-0.01
86) Perylene-d12	24.88	264	321169	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	332111	138.31	ng	0.00
7) Phenol-d6	7.21	99	465577	125.32	ng	0.00
23) Nitrobenzene-d5	9.20	82	307652	89.67	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	191640	131.93	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	635493	77.96	ng	0.00
78) Terphenyl-d14	20.02	244	918214	79.21	ng	0.00
Target Compounds						
10) Phenol	7.23	94	13198	3.442	ng	Qvalue # 57
49) Dimethylphthalate	14.12	163	225148	23.039	ng	99

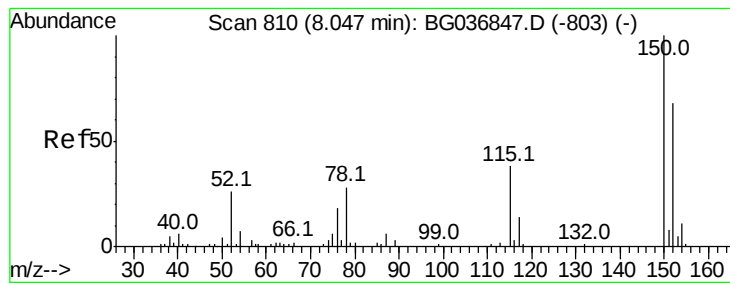
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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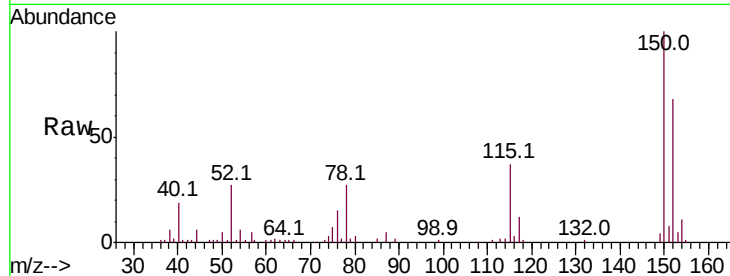


#1

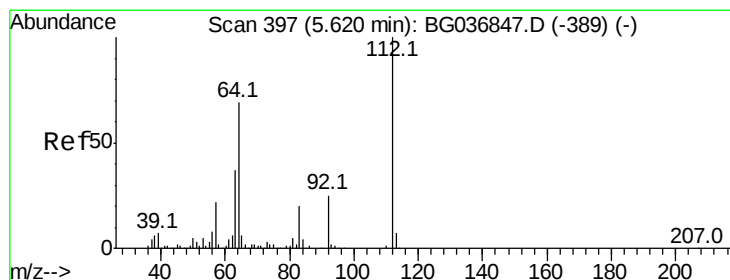
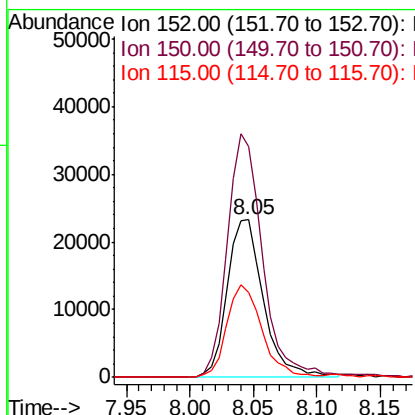
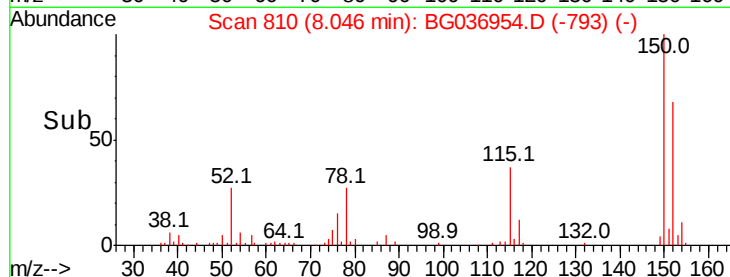
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BG036954.D
 Acq: 25 Sep 2018 18:19

Instrument :
 BNA_G
 ClientSampleId :
 TP-C

Tot Ion:152 Resp: 46049
 Ion Ratio Lower Upper
 152 100
 150 146.5 119.5 179.3
 115 54.2 44.5 66.7



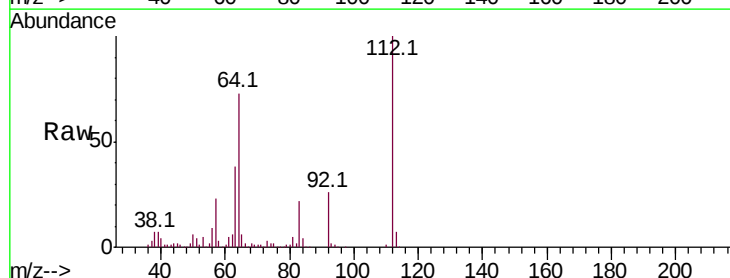
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



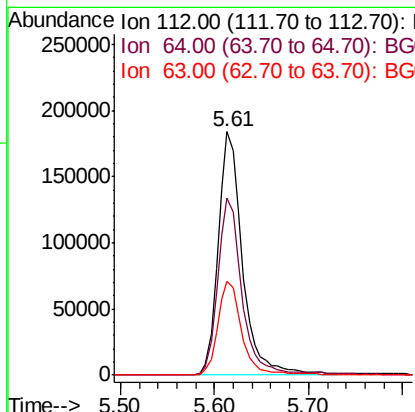
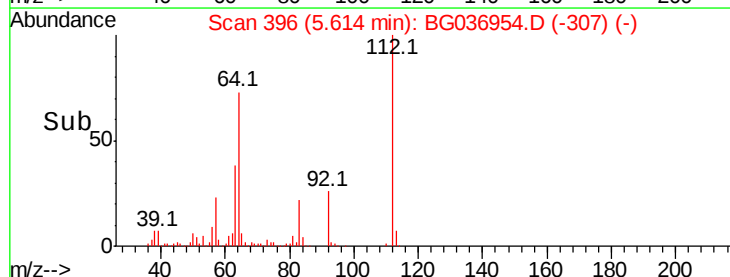
#5

2-Fluorophenol
 Concen: 138.313 ng
 RT: 5.61 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BG036954.D
 Acq: 25 Sep 2018 18:19

Tgt Ion:112 Resp: 332111
 Ion Ratio Lower Upper
 112 100
 64 72.8 57.2 85.8
 63 38.5 30.8 46.2



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: 125.324 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036954.D

Acq: 25 Sep 2018 18:19

Instrument :

BNA_G

ClientSampleId :

TP-C

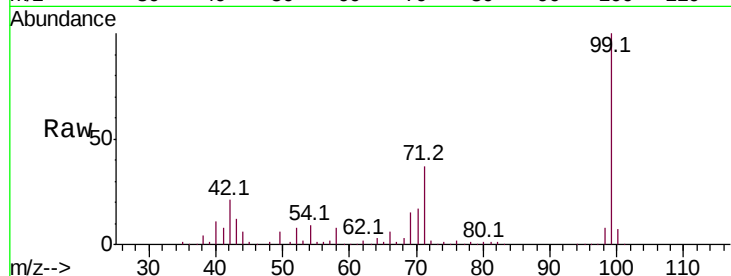
Tot Ion: 99 Resp: 465577

Ion Ratio Lower Upper

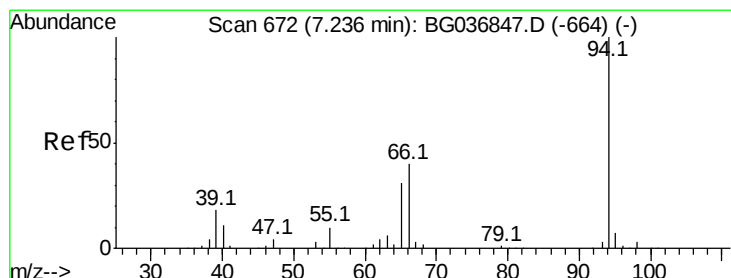
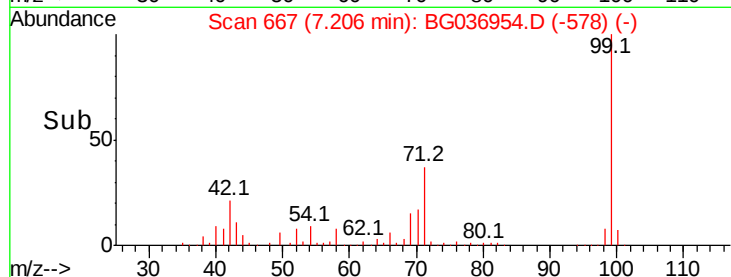
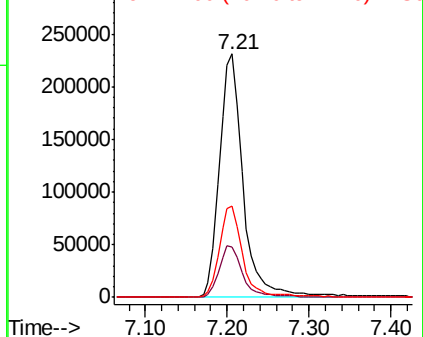
99 100

42 20.7 16.5 24.7

71 37.3 29.4 44.2



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: 3.442 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG036954.D

Acq: 25 Sep 2018 18:19

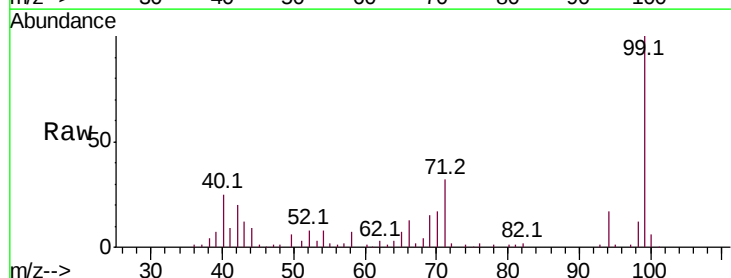
Tgt Ion: 94 Resp: 13198

Ion Ratio Lower Upper

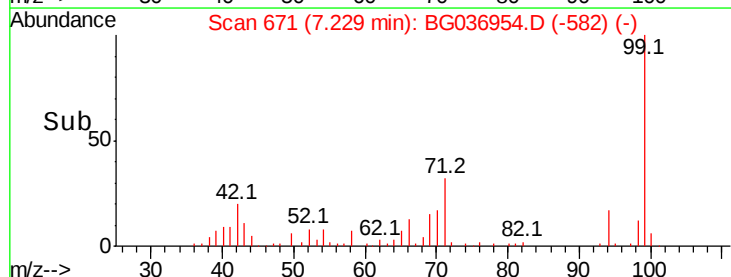
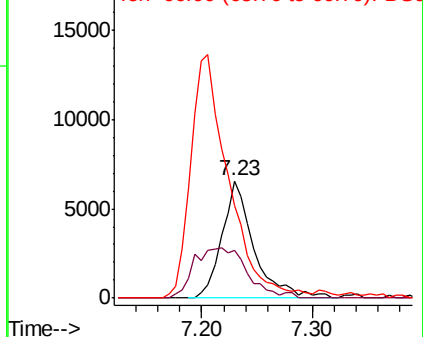
94 100

65 41.1 11.5 51.5

66 78.3 19.5 59.5#



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

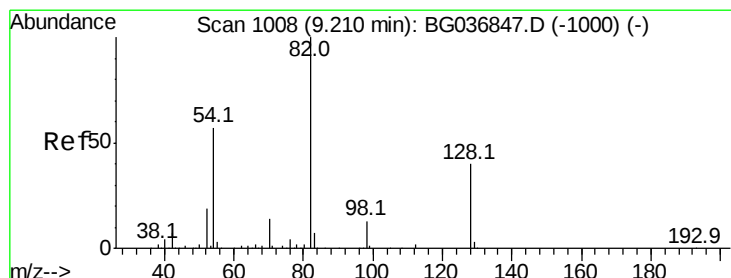
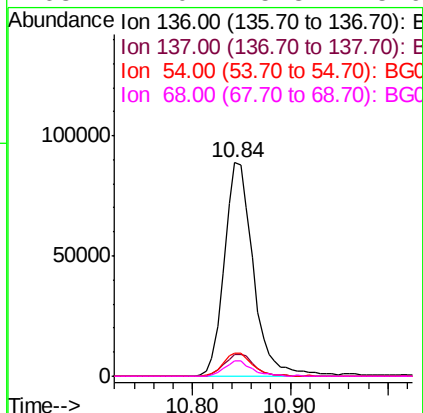
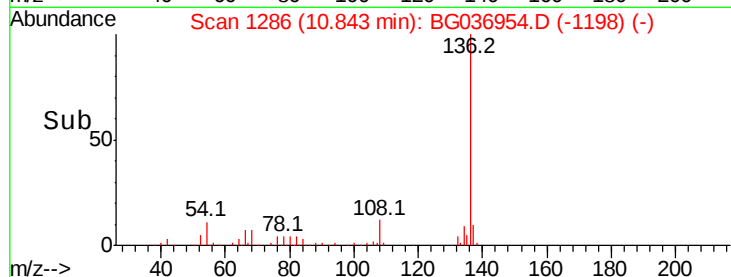
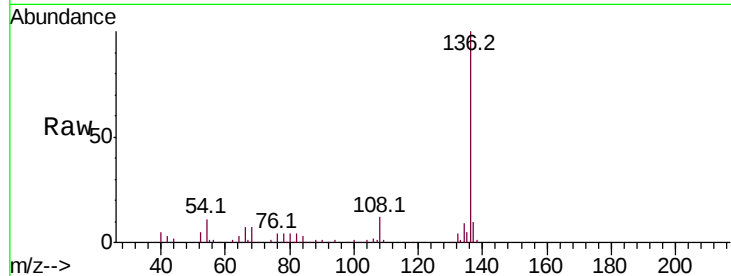




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG036954.D
Acq: 25 Sep 2018 18:19

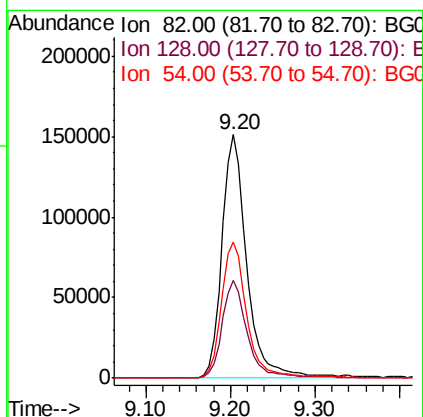
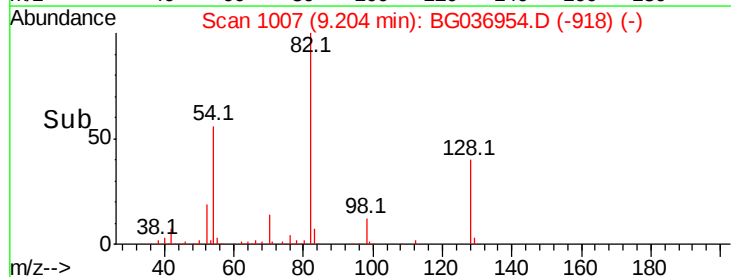
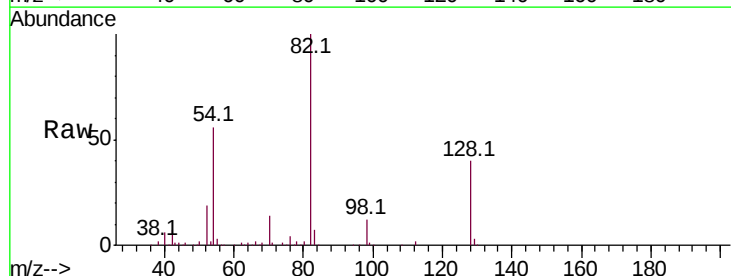
Instrument :
BNA_G
ClientSampleId :
TP-C

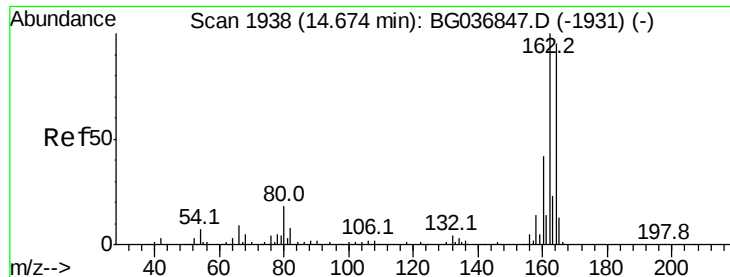
Tot Ion:136	Resp:	183725
Ion	Ratio	Lower Upper
136	100	
137	10.3	8.8 13.2
54	10.5	9.2 13.8
68	7.0	5.8 8.6



#23
Nitrobenzene-d5
Concen: 89.672 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036954.D
Acq: 25 Sep 2018 18:19

Tgt Ion: 82	Resp:	307652
Ion	Ratio	Lower Upper
82	100	
128	39.9	33.3 49.9
54	56.0	45.1 67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036954.D

Acq: 25 Sep 2018 18:19

Instrument :

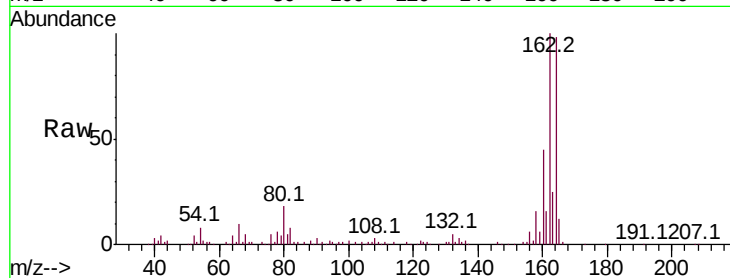
BNA_G

ClientSampleId :

TP-C

Tot Ion:164 Resp: 121407

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.7	121.1
160	45.4	35.3	52.9

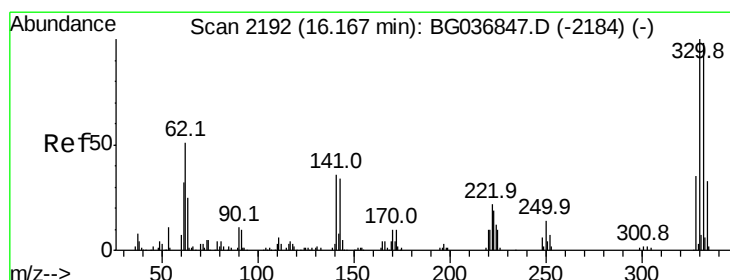
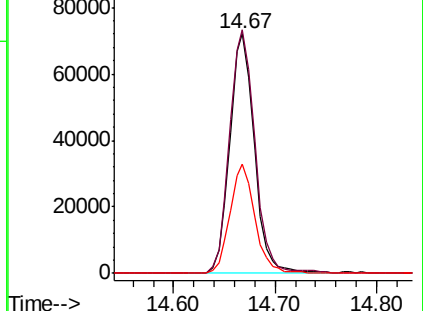
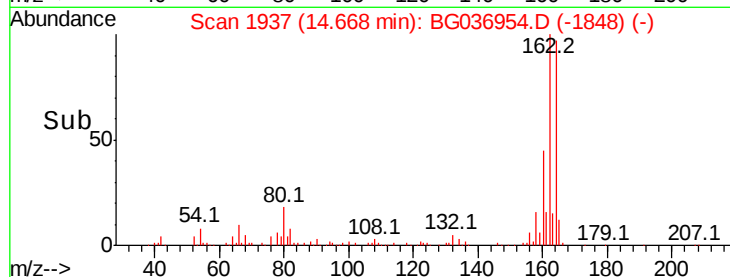


Abundance

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



#41

2,4,6-Tribromophenol

Concen: 131.933 ng

RT: 16.15 min Scan# 2190

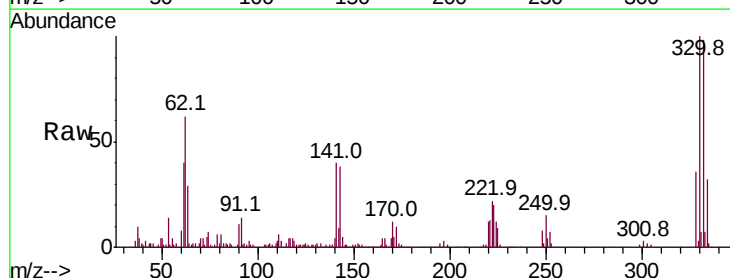
Delta R.T. -0.01 min

Lab File: BG036954.D

Acq: 25 Sep 2018 18:19

Tgt Ion:330 Resp: 191640

Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.4	113.2
141	38.3	30.7	46.1

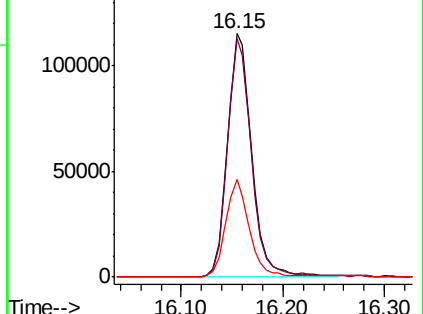
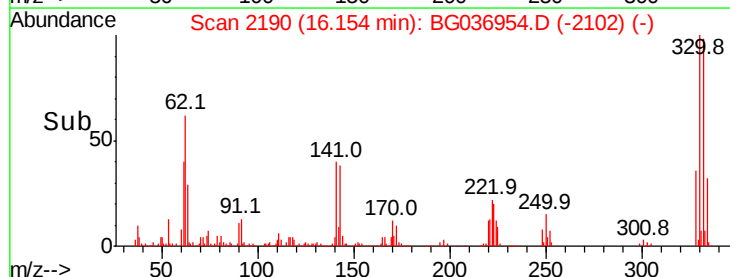


Abundance

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

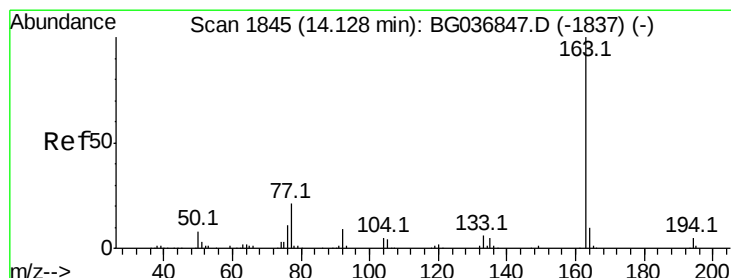
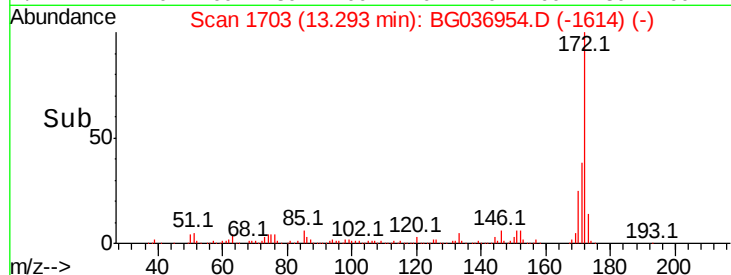
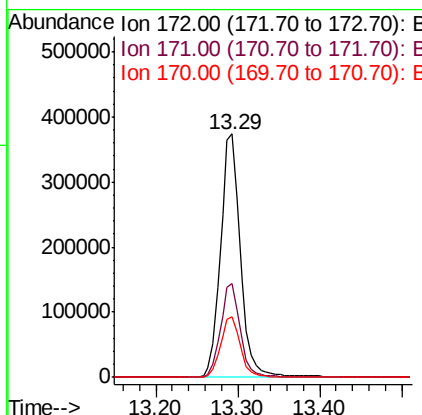
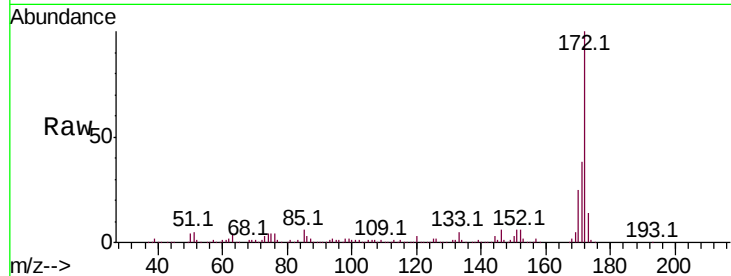




#44
2-Fluorobiphenyl
Concen: 77.961 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036954.D
Acq: 25 Sep 2018 18:19

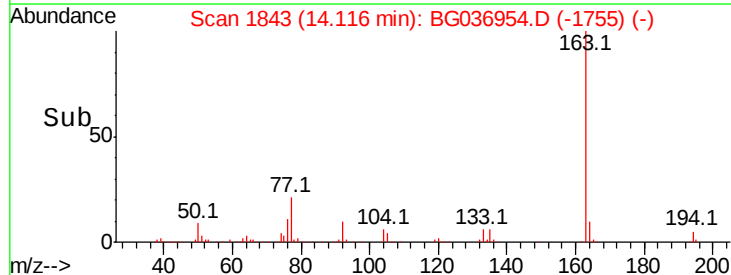
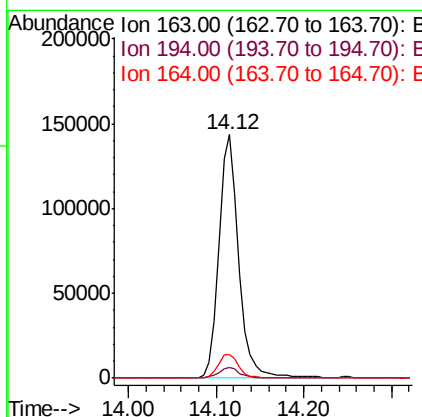
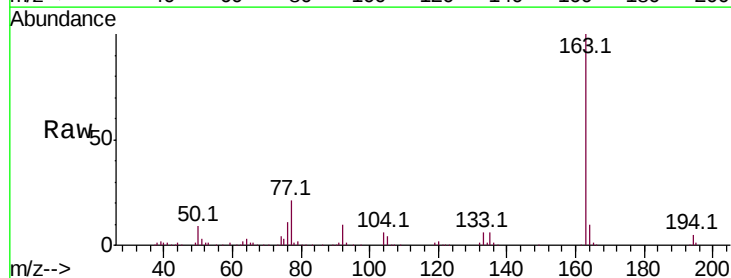
Instrument :
BNA_G
ClientSampleId :
TP-C

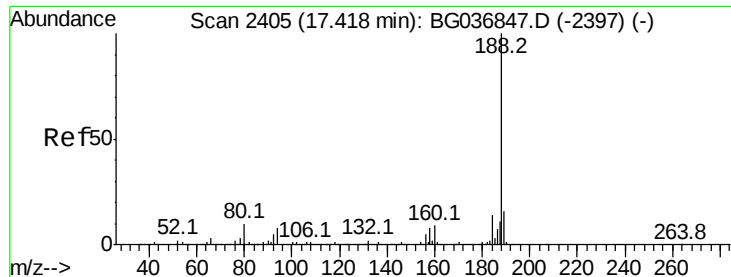
Tot Ion:172 Resp: 635493
Ion Ratio Lower Upper
172 100
171 38.5 31.3 46.9
170 24.7 21.0 31.6



#49
Dimethylphthalate
Concen: 23.039 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BG036954.D
Acq: 25 Sep 2018 18:19

Tgt Ion:163 Resp: 225148
Ion Ratio Lower Upper
163 100
194 4.6 4.0 6.0
164 9.8 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BG036954.D

Acq: 25 Sep 2018 18:19

Instrument :

BNA_G

ClientSampleId :

TP-C

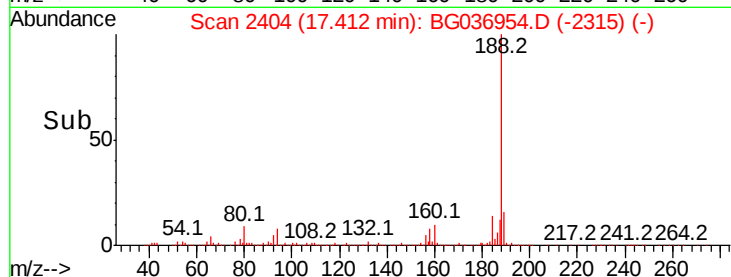
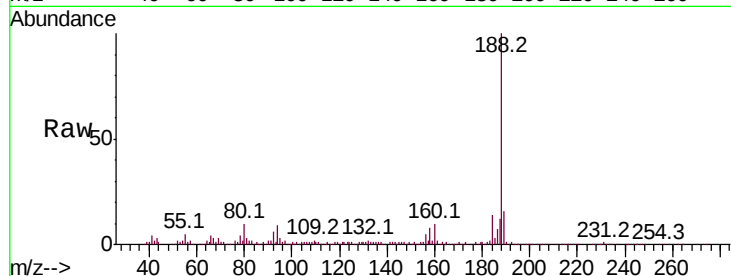
Tot Ion:188 Resp: 267908

Ion Ratio Lower Upper

188 100

94 8.6 6.7 10.1

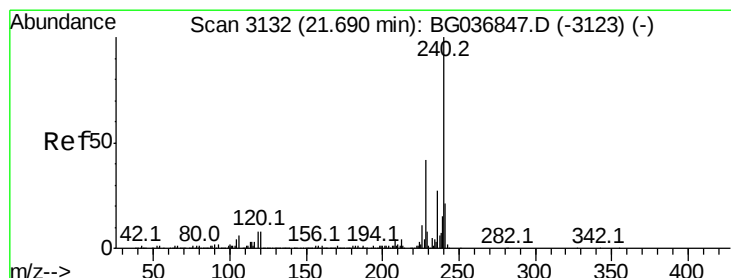
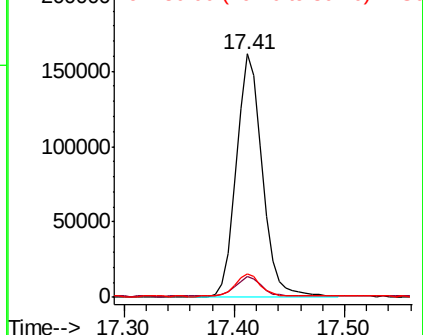
80 9.6 8.1 12.1



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG036954.D

Acq: 25 Sep 2018 18:19

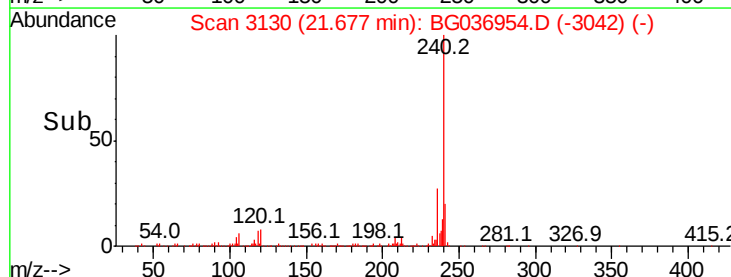
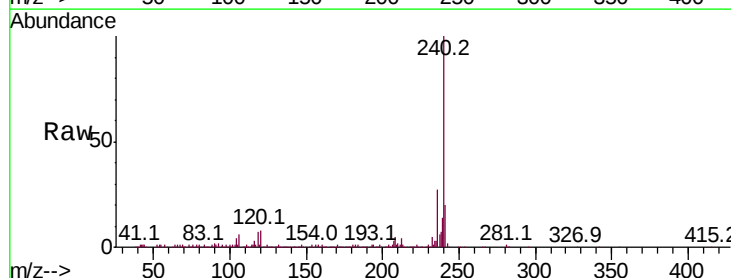
Tgt Ion:240 Resp: 304829

Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

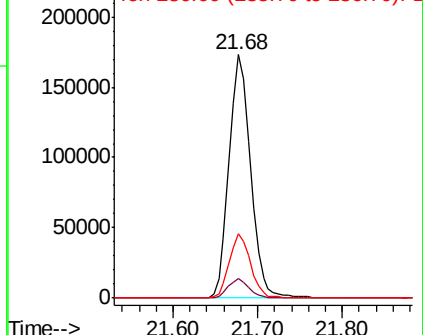
236 26.6 21.2 31.8

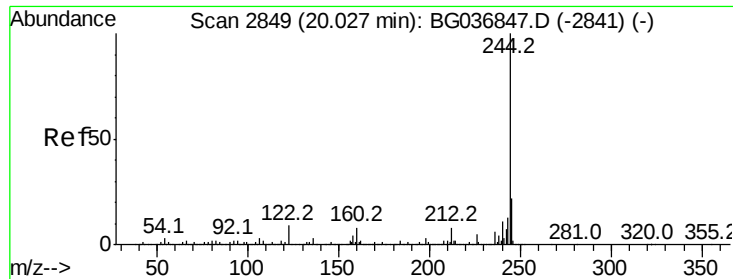


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

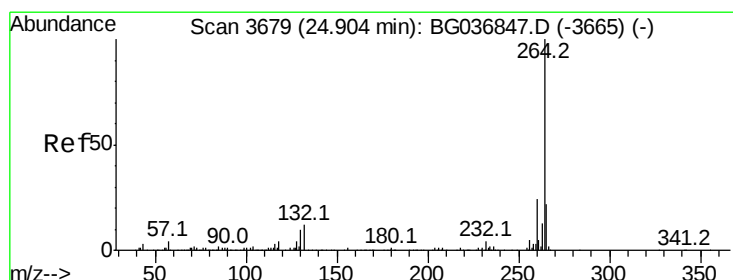
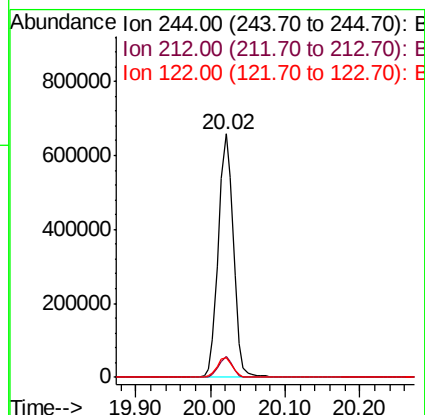
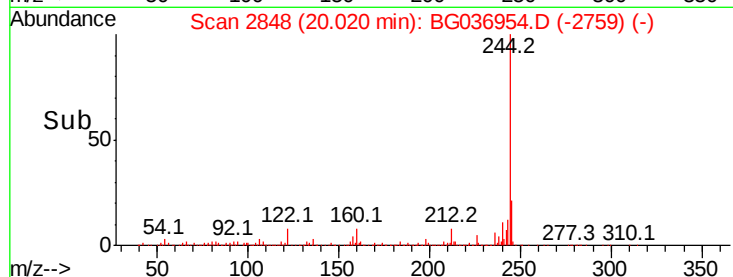
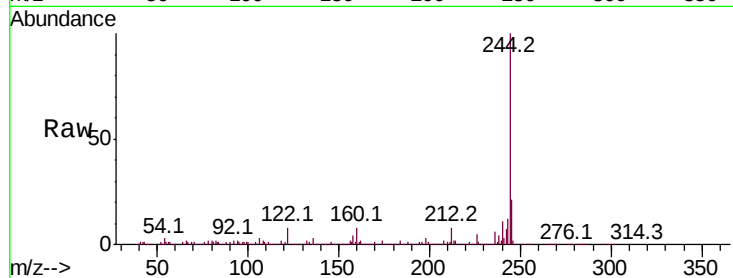




#78
 Terphenyl-d14
 Concen: 79.206 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG036954.D
 Acq: 25 Sep 2018 18:19

Instrument :
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Tot Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	8.1	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG036954.D
 Acq: 25 Sep 2018 18:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.8	17.4	26.0

