

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
 Data File : BG036753.D
 Acq On : 17 Sep 2018 14:07
 Operator : JU/SJ
 Sample : J4940-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Quant Time: Sep 17 18:16:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

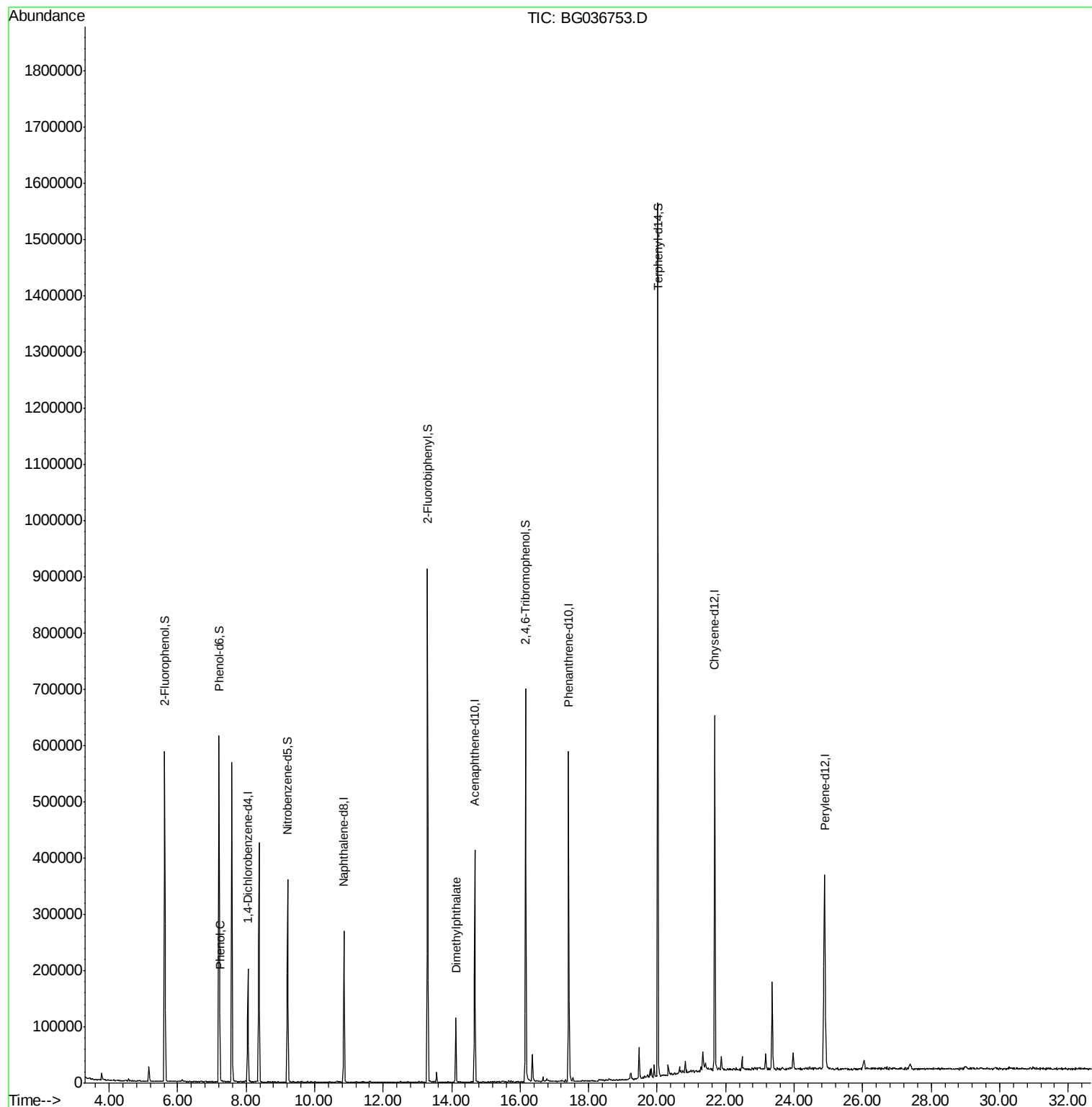
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	55943	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	225335	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	144244	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	364792	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	379714	20.00	ng	-0.01
86) Perylene-d12	24.89	264	377836	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	251308	71.26	ng	0.00
7) Phenol-d6	7.20	99	354064	70.12	ng	-0.01
23) Nitrobenzene-d5	9.21	82	218930	52.71	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	131504	76.40	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	482704	47.78	ng	-0.01
78) Terphenyl-d14	20.02	244	755410	46.50	ng	0.00
Target Compounds						
10) Phenol	7.23	94	15830	2.996	ng	97
49) Dimethylphthalate	14.12	163	79131	6.718	ng	99

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

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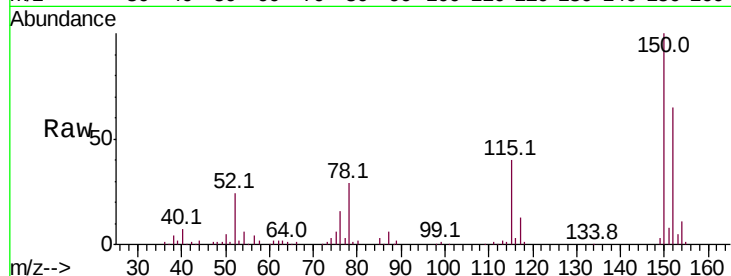


#1

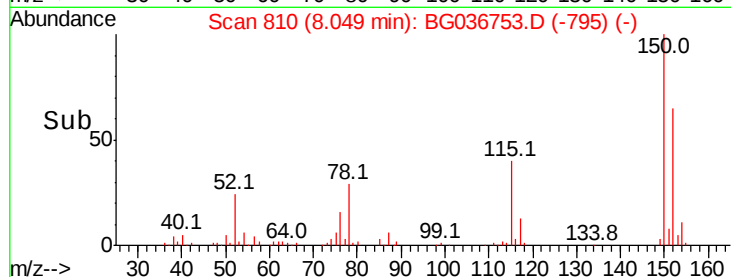
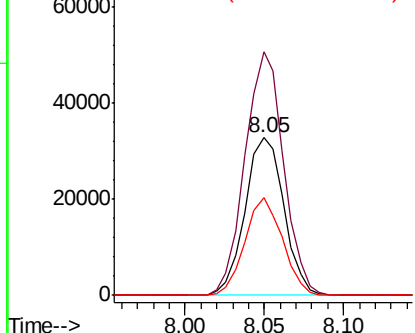
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG036753.D
Acq: 17 Sep 2018 14:07

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tot Ion:152 Resp: 55943
Ion Ratio Lower Upper
152 100
150 154.4 119.5 179.3
115 61.8 44.5 66.7



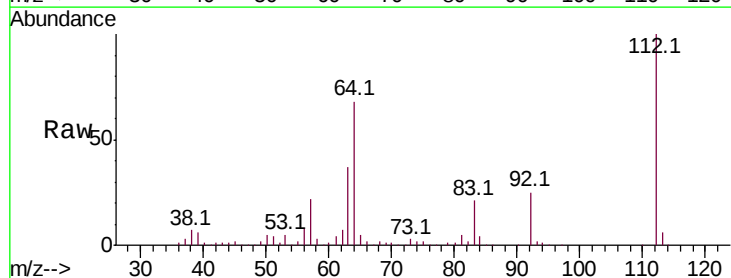
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



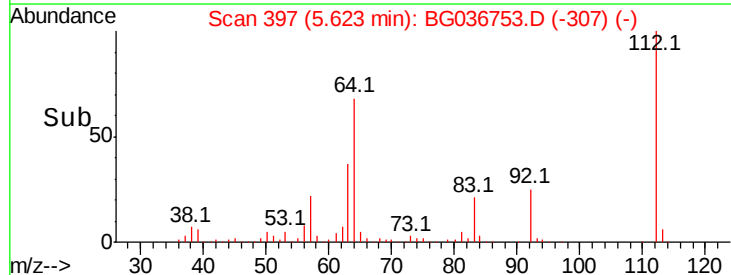
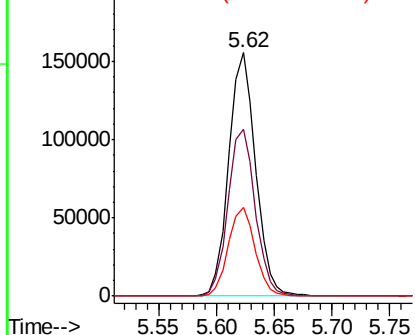
#5

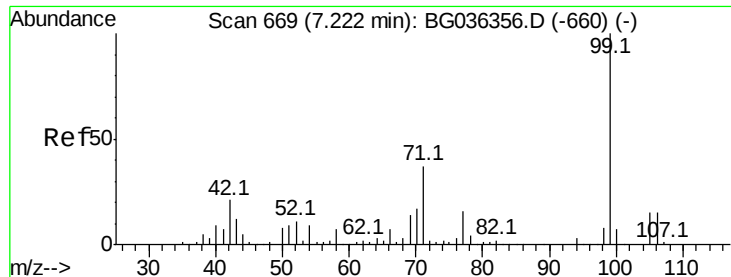
2-Fluorophenol
Concen: 71.260 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036753.D
Acq: 17 Sep 2018 14:07

Tgt Ion:112 Resp: 251308
Ion Ratio Lower Upper
112 100
64 68.3 57.2 85.8
63 36.6 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: 70.122 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036753.D

Acq: 17 Sep 2018 14:07

Instrument :

BNA_G

ClientSampled :

COMP-2

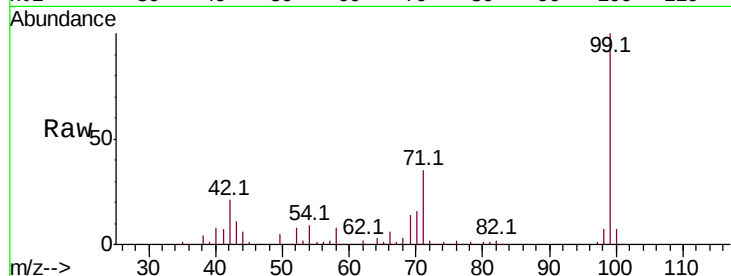
Tot Ion: 99 Resp: 354064

Ion Ratio Lower Upper

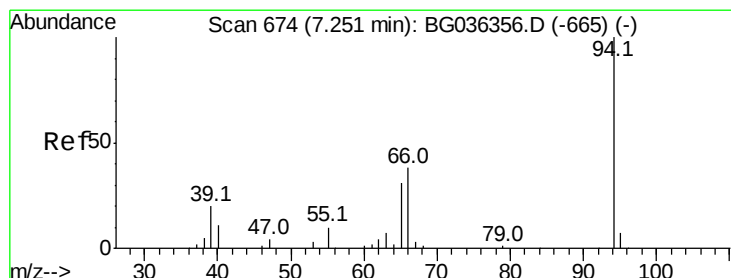
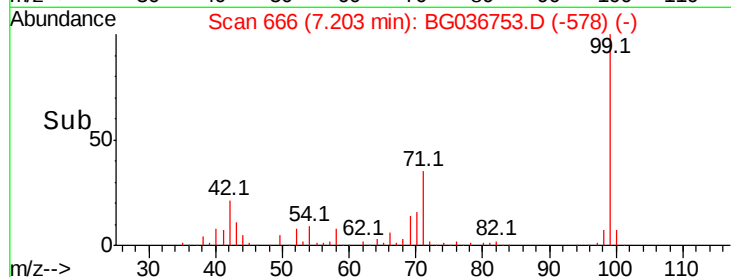
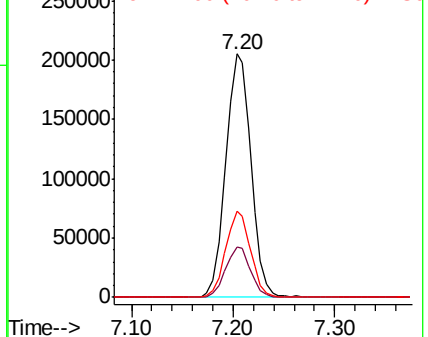
99 100

42 20.7 16.5 24.7

71 35.2 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: 2.996 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG036753.D

Acq: 17 Sep 2018 14:07

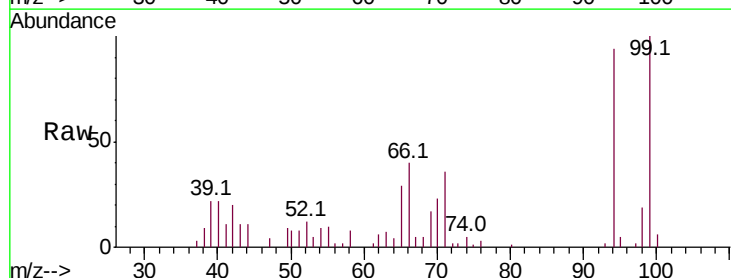
Tgt Ion: 94 Resp: 15830

Ion Ratio Lower Upper

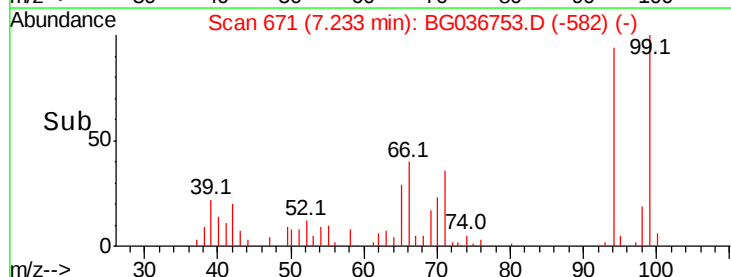
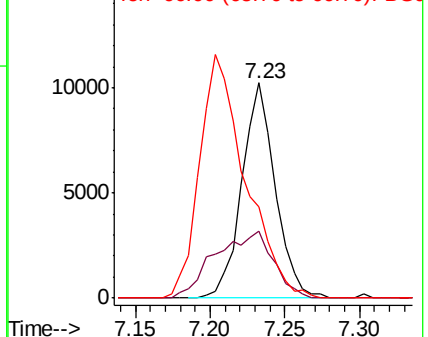
94 100

65 30.9 11.5 51.5

66 42.7 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

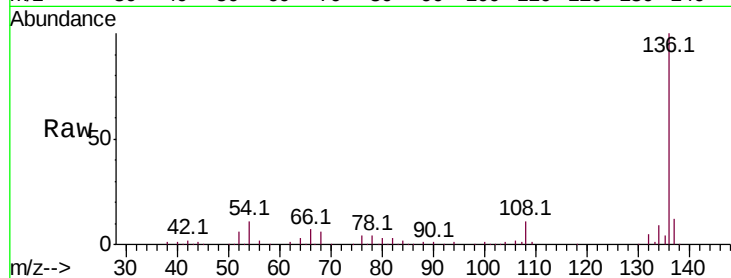




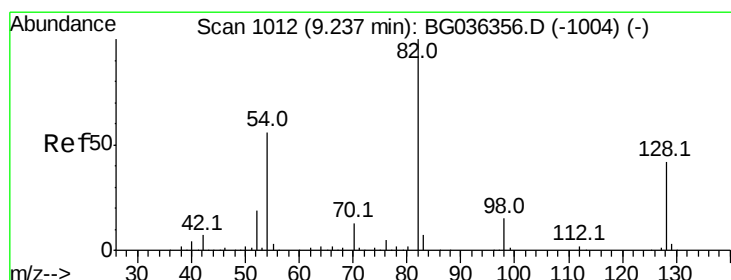
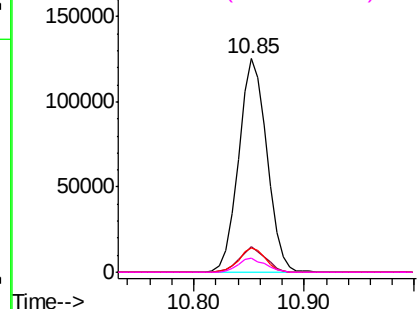
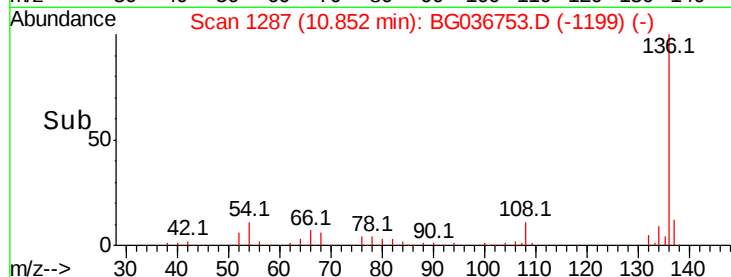
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036753.D
Acq: 17 Sep 2018 14:07

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tot Ion:	136	Resp:	225335
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	11.3	9.2	13.8
68	6.3	5.8	8.6

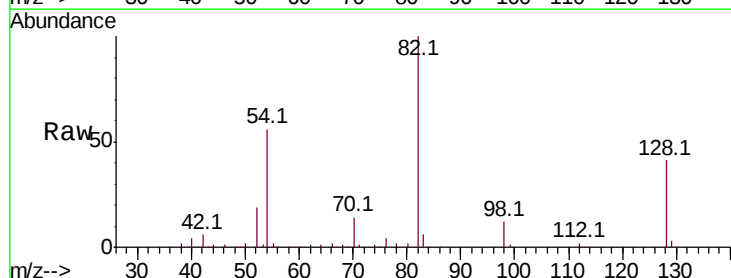


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

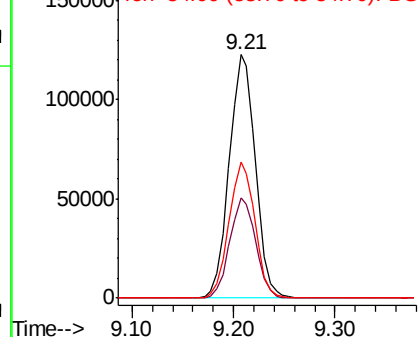
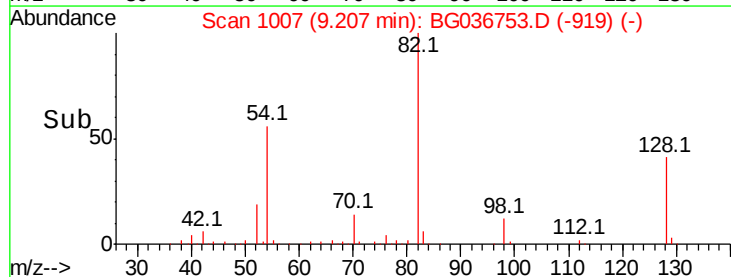


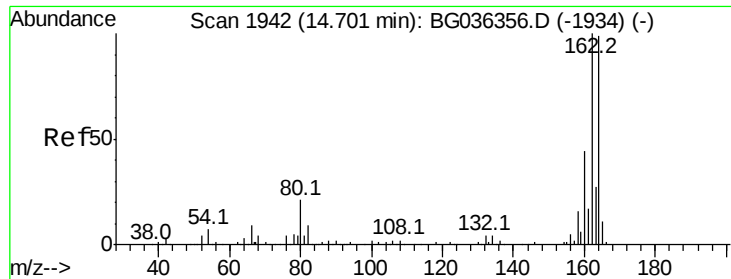
#23
Nitrobenzene-d5
Concen: 52.714 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036753.D
Acq: 17 Sep 2018 14:07

Tgt Ion:	82	Resp:	218930
Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.3	49.9
54	56.0	45.1	67.7



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

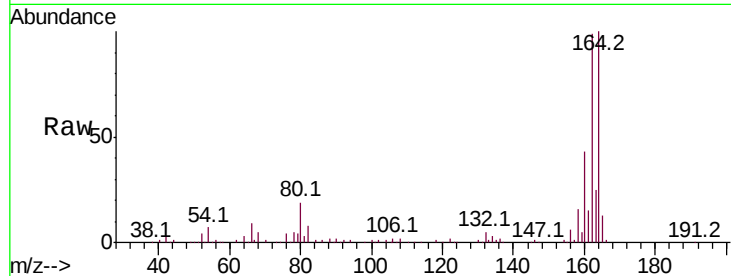




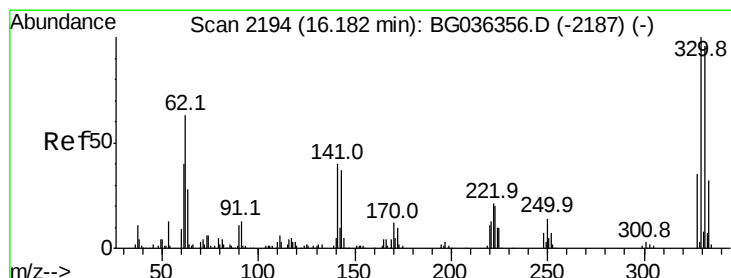
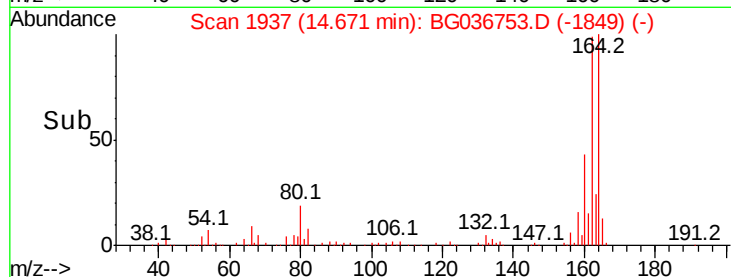
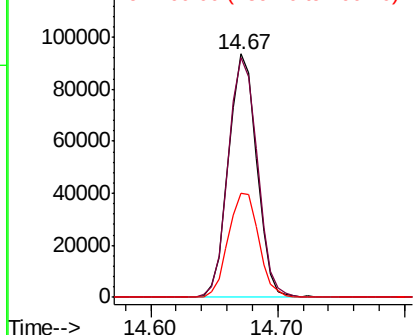
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036753.D
Acq: 17 Sep 2018 14:07

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tot Ion:164 Resp: 144244
Ion Ratio Lower Upper
164 100
162 98.6 80.7 121.1
160 42.9 35.3 52.9

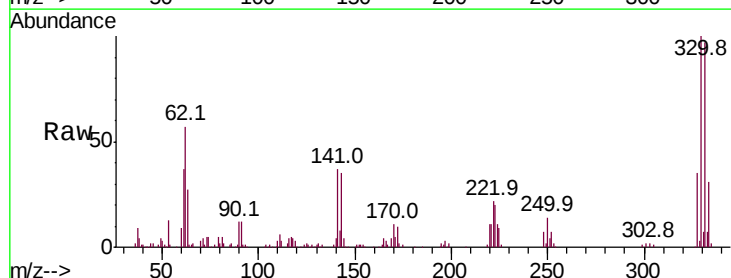


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

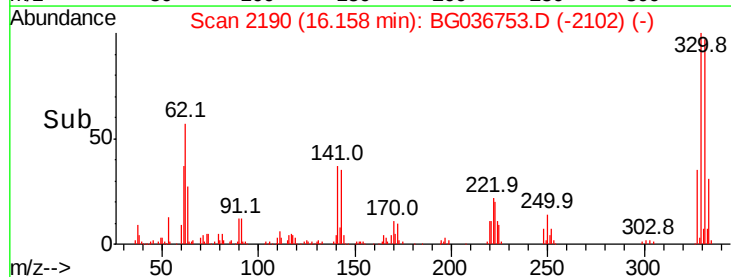
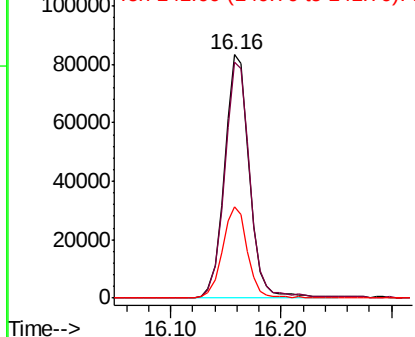


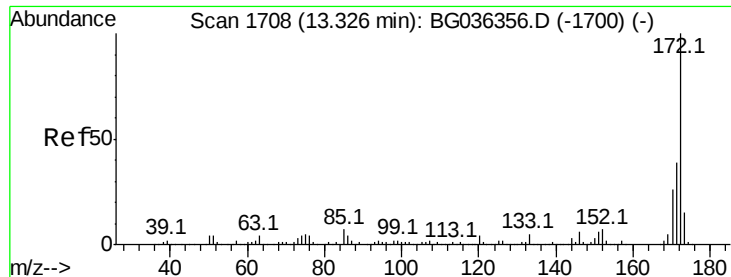
#41
2,4,6-Tribromophenol
Concen: 76.405 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG036753.D
Acq: 17 Sep 2018 14:07

Tgt Ion:330 Resp: 131504
Ion Ratio Lower Upper
330 100
332 98.1 75.4 113.2
141 37.7 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

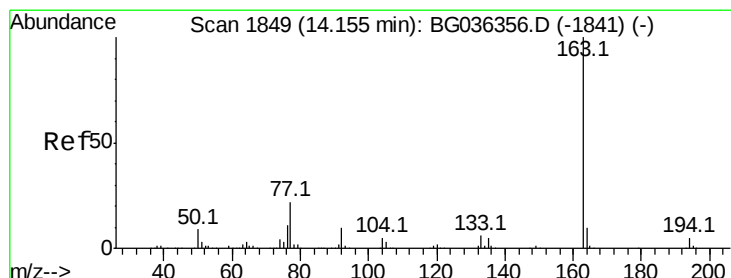
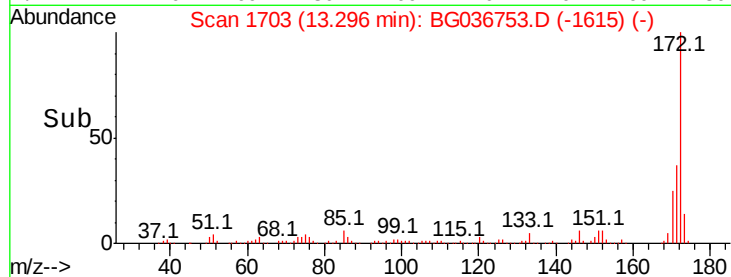
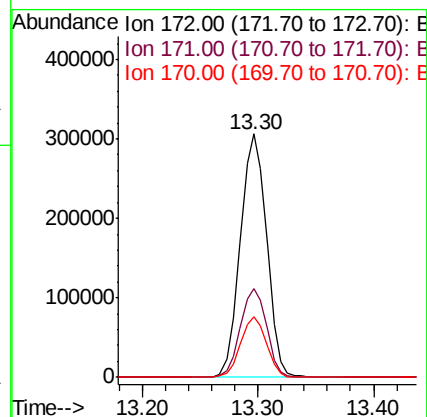
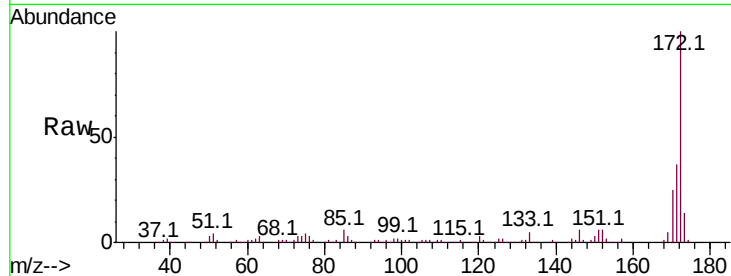




#44
2-Fluorobiphenyl
Concen: 47.781 ng
RT: 13.30 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036753.D
Acq: 17 Sep 2018 14:07

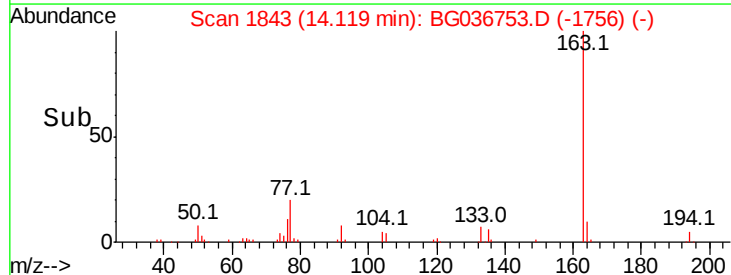
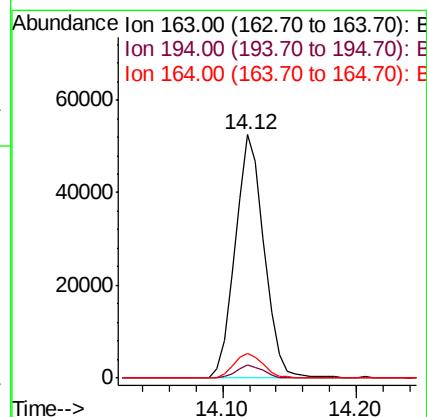
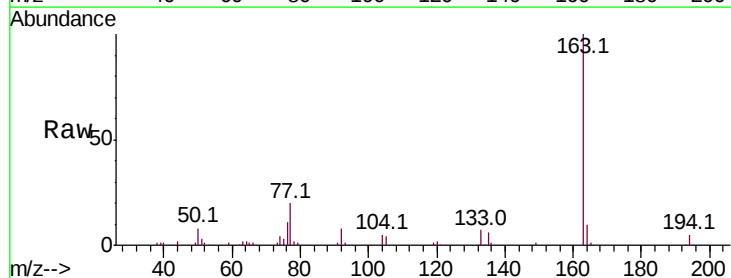
Instrument :
BNA_G
ClientSampleId :
COMP-2

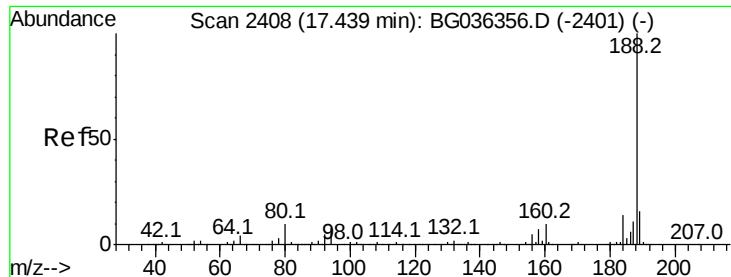
Tot Ion:172 Resp: 482704
Ion Ratio Lower Upper
172 100
171 36.6 31.3 46.9
170 24.8 21.0 31.6



#49
Dimethylphthalate
Concen: 6.718 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BG036753.D
Acq: 17 Sep 2018 14:07

Tgt Ion:163 Resp: 79131
Ion Ratio Lower Upper
163 100
194 5.3 4.0 6.0
164 10.3 8.1 12.1

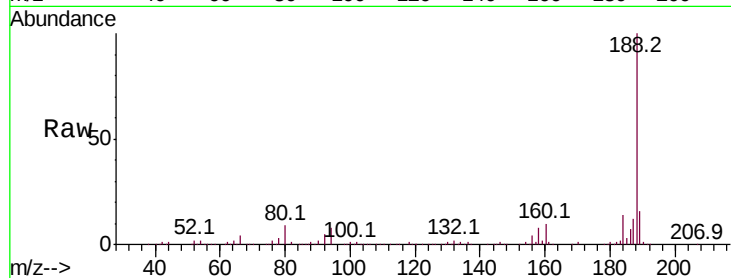




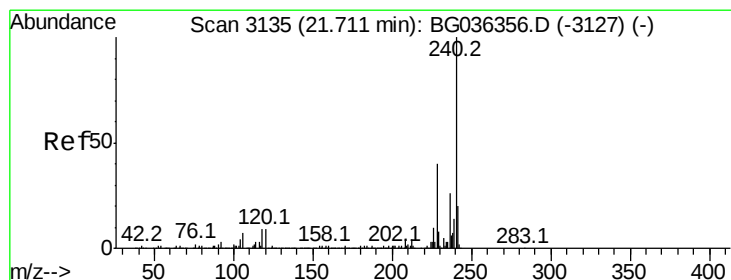
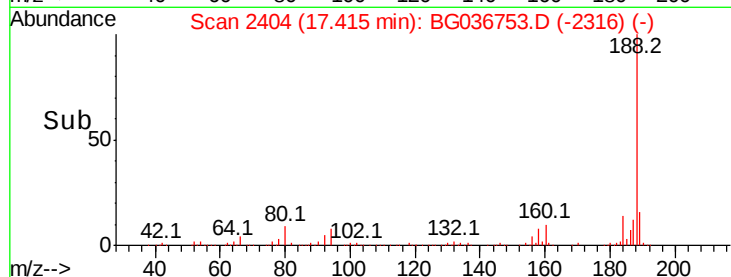
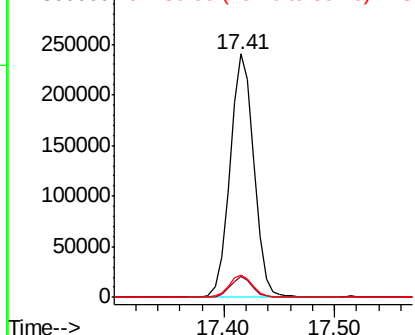
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036753.D
Acq: 17 Sep 2018 14:07

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tot Ion:188 Resp: 364792
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 9.3 8.1 12.1

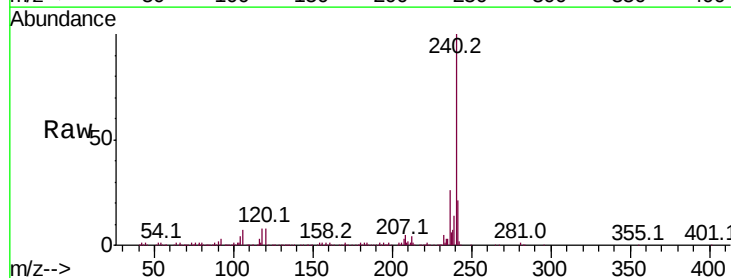


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

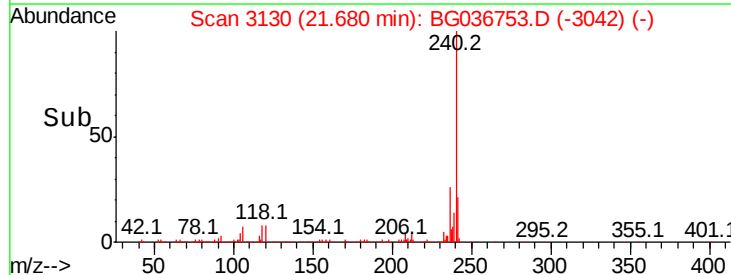
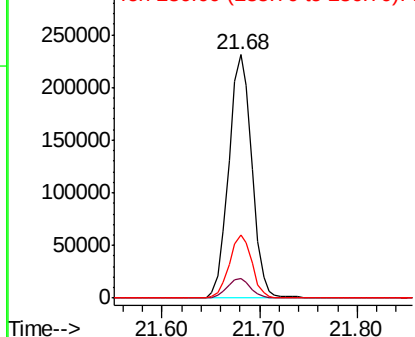


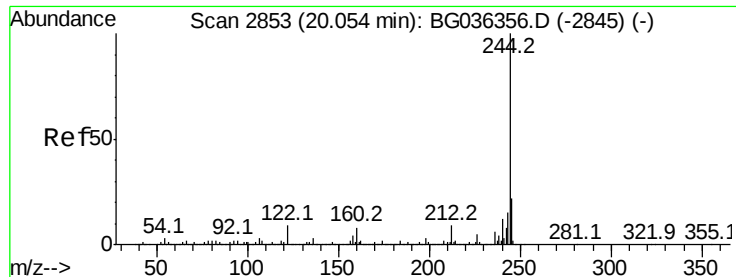
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036753.D
Acq: 17 Sep 2018 14:07

Tgt Ion:240 Resp: 379714
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 26.2 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: 46.500 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036753.D

Acq: 17 Sep 2018 14:07

Instrument :

BNA_G

ClientSampleId :

COMP-2

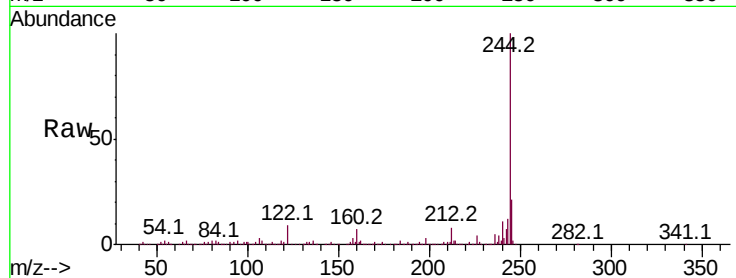
Tot Ion:244 Resp: 755410

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.6

122 8.8 7.1 10.7



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

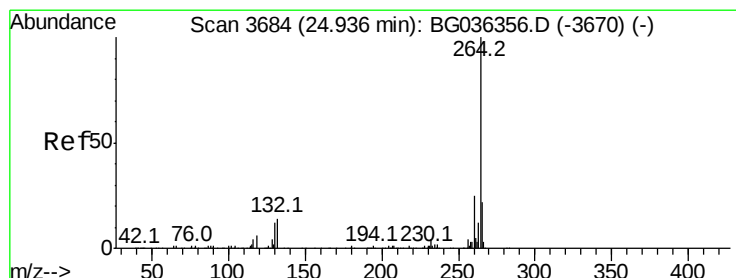
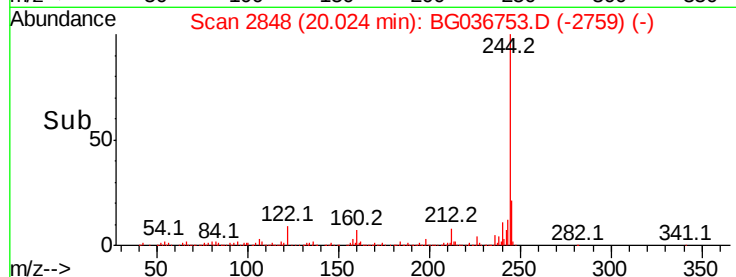
600000

400000

200000

0

Time--> 19.90 20.00 20.10



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3676

Delta R.T. -0.01 min

Lab File: BG036753.D

Acq: 17 Sep 2018 14:07

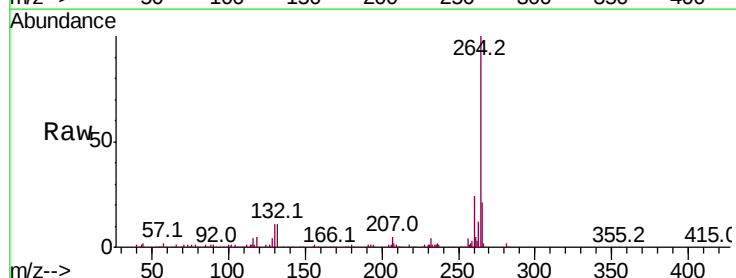
Tgt Ion:264 Resp: 377836

Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

265 20.7 17.4 26.0



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

150000

100000

50000

0

Time--> 24.80 24.90 25.00

