

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036713.D
 Acq On : 14 Sep 2018 20:00
 Operator : JU/SJ
 Sample : J4906-17
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 15 02:11:34 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

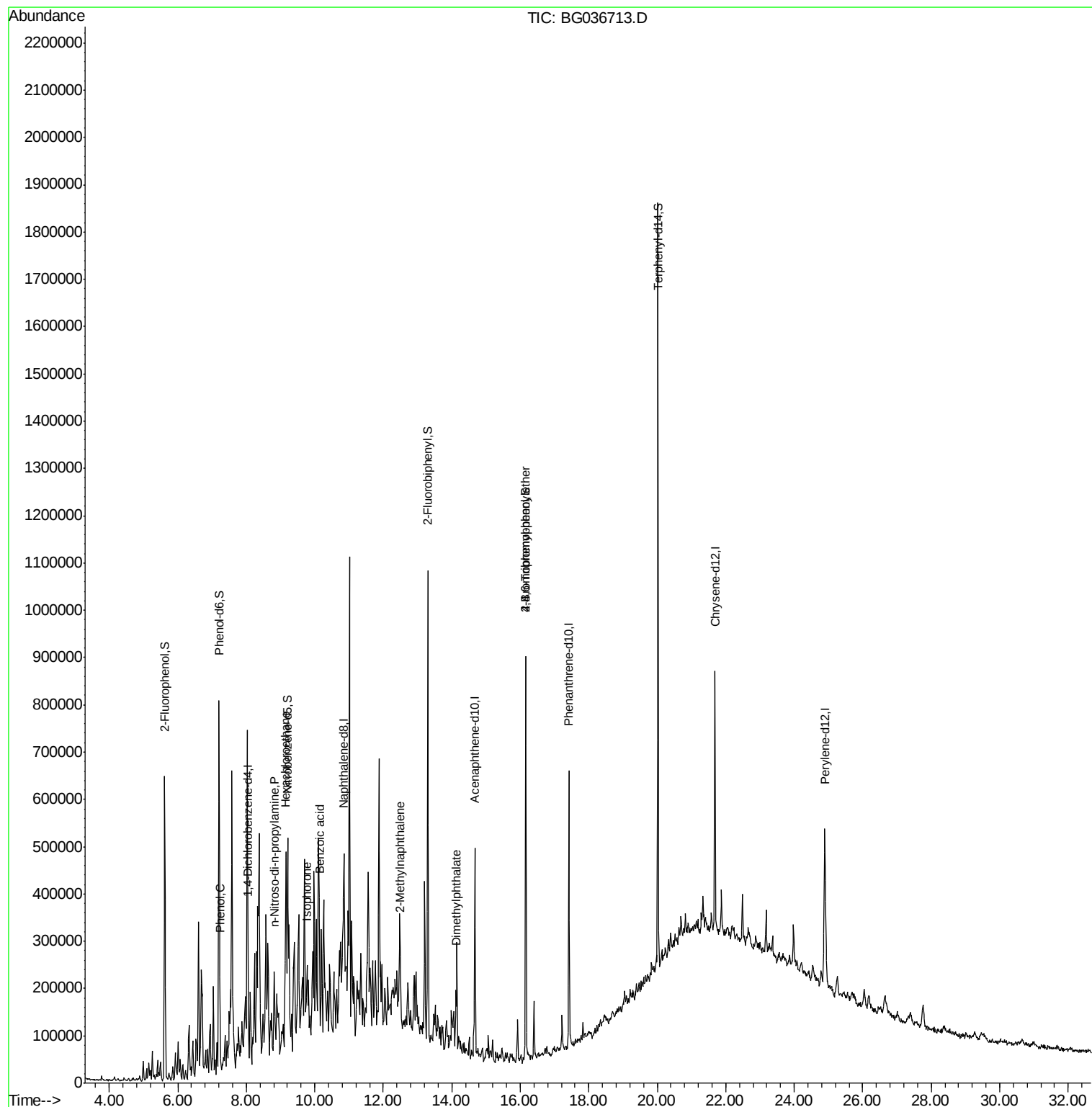
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49754	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	205574	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	145025	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	352548	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	338747	20.00	ng	-0.01
86) Perylene-d12	24.89	264	347518	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	253331	80.77	ng	0.00
7) Phenol-d6	7.21	99	344716	76.76	ng	-0.01
23) Nitrobenzene-d5	9.21	82	224370	59.22	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	159389	92.11	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	507078	49.92	ng	-0.01
78) Terphenyl-d14	20.02	244	806296	55.63	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	10076	2.144	ng	87
18) Hexachloroethane	9.16	117	19654	13.980	ng	# 1
19) n-Nitroso-di-n-propylamine	8.82	70	7541	2.247	ng	# 77
25) Isophorone	9.78	82	19364	2.573	ng	# 1
32) Benzoic acid	10.14	122	274	4.591	ng	# 1
37) 2-Methylnaphthalene	12.51	142	64598	8.591	ng	95
49) Dimethylphthalate	14.12	163	52581	4.440	ng	# 95
66) 4-Bromophenyl-phenylether	16.16	248	10940	2.650	ng	# 1

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

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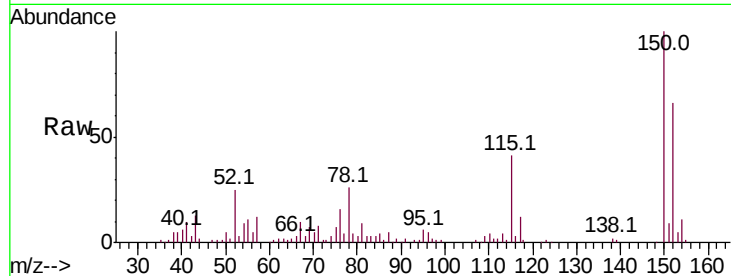


#1

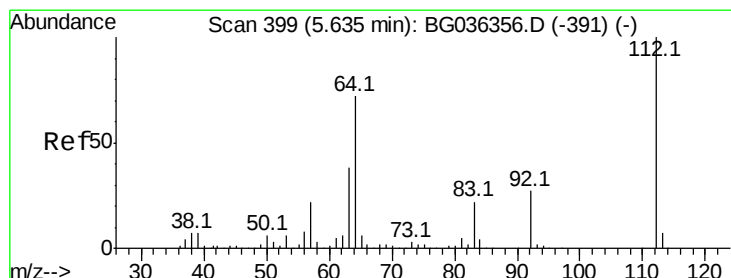
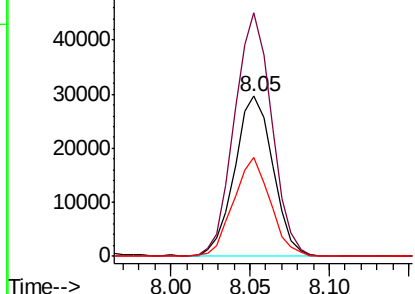
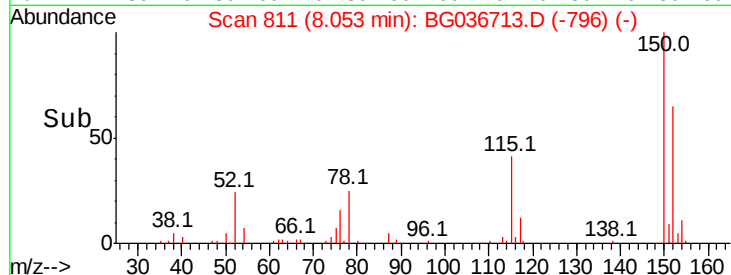
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 49754
Ion Ratio Lower Upper
152 100
150 152.0 119.5 179.3
115 61.7 44.5 66.7



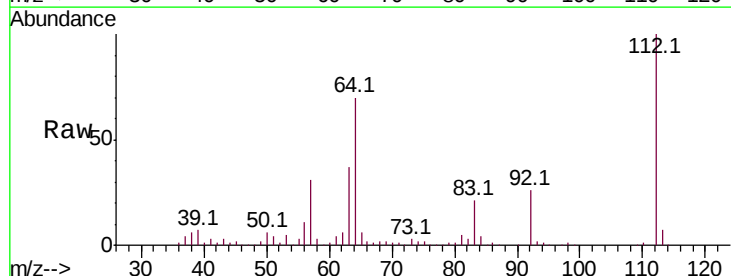
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



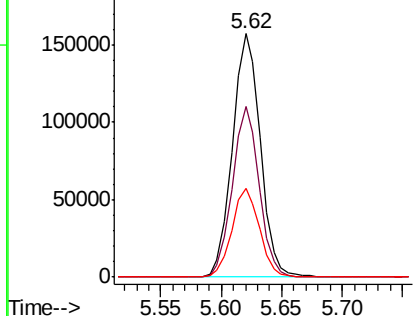
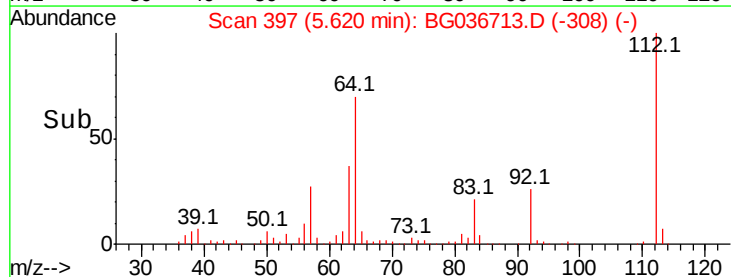
#5

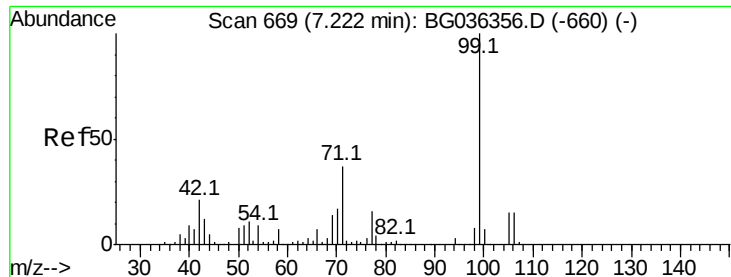
2-Fluorophenol
Concen: 80.769 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Tgt Ion:112 Resp: 253331
Ion Ratio Lower Upper
112 100
64 70.3 57.2 85.8
63 36.5 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: 76.763 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036713.D

Acq: 14 Sep 2018 20:00

Instrument :

BNA_G

ClientSampled :

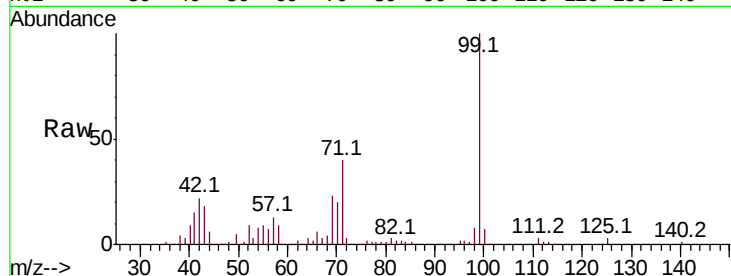
Tot Ion: 99 Resp: 344716

Ion Ratio Lower Upper

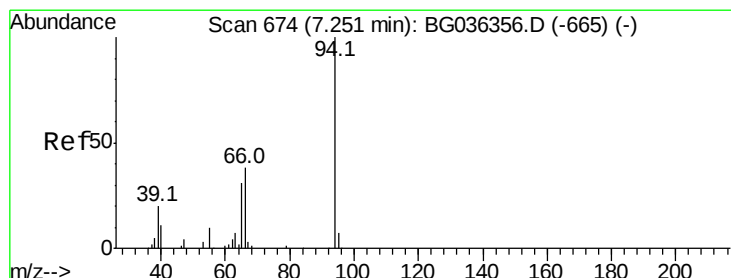
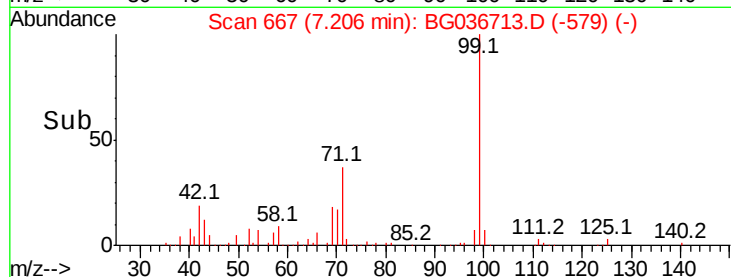
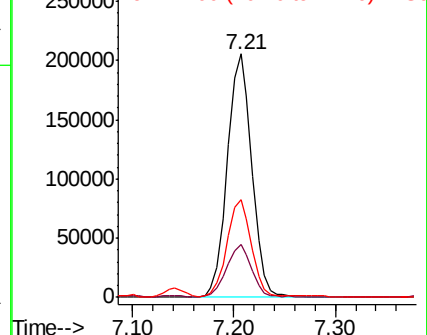
99 100

42 21.7 16.5 24.7

71 40.4 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: 2.144 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG036713.D

Acq: 14 Sep 2018 20:00

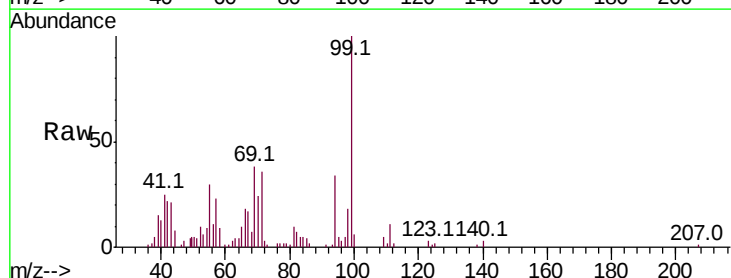
Tgt Ion: 94 Resp: 10076

Ion Ratio Lower Upper

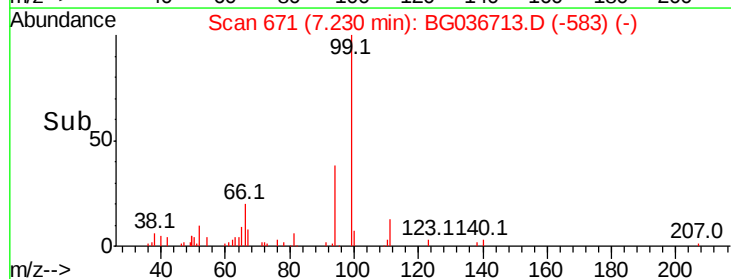
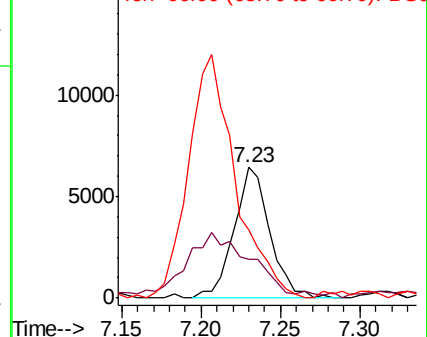
94 100

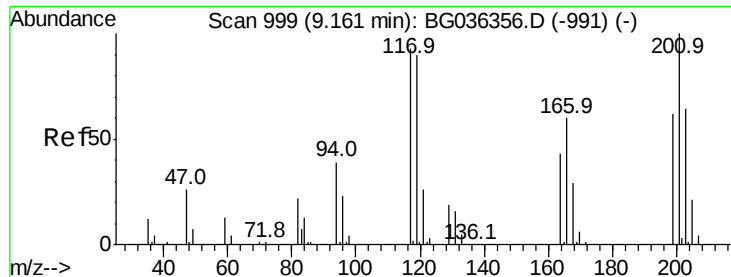
65 30.2 11.5 51.5

66 52.7 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

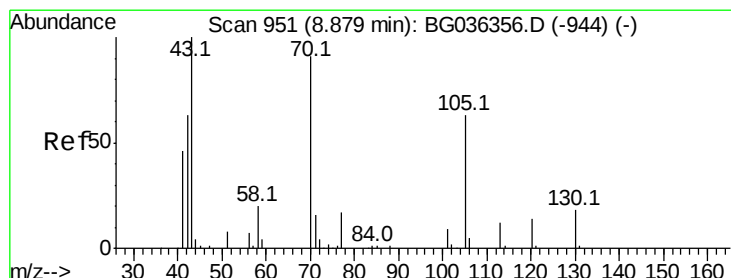
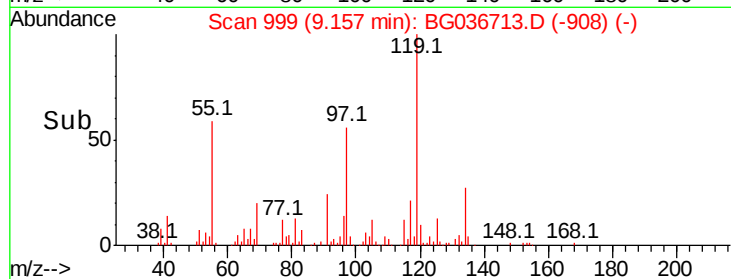
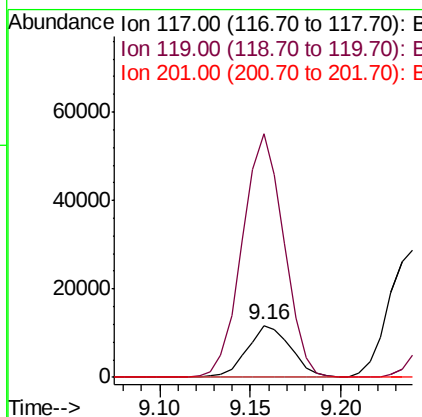
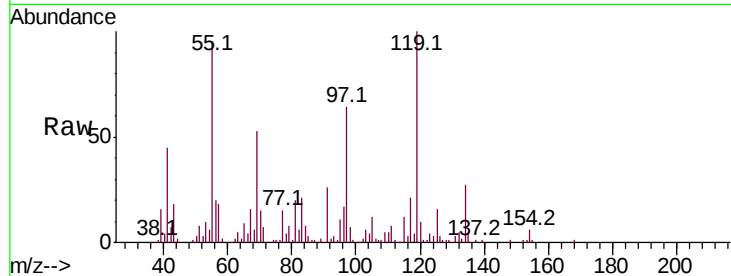




#18
Hexachloroethane
Concen: 13.980 ng
RT: 9.16 min Scan# 999
Delta R.T. 0.01 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

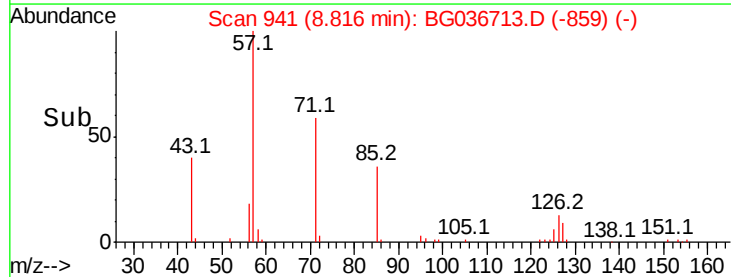
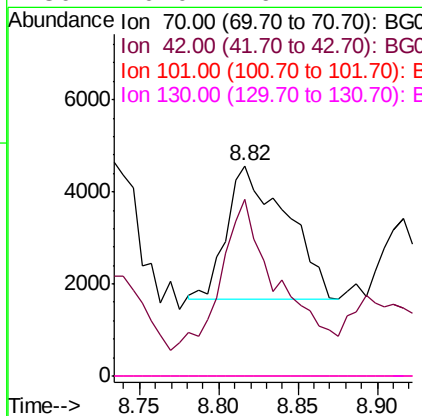
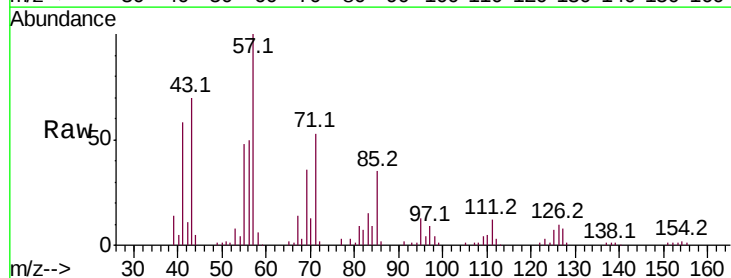
Instrument :
BNA_G
ClientSampled :

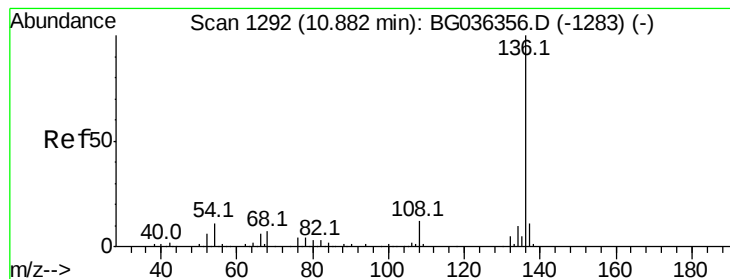
Tot Ion:117 Resp: 19654
Ion Ratio Lower Upper
117 100
119 466.1 76.8 115.2#
201 0.0 85.7 128.5#



#19
n-Nitroso-di-n-propylamine
Concen: 2.247 ng
RT: 8.82 min Scan# 941
Delta R.T. -0.05 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Tgt Ion: 70 Resp: 7541
Ion Ratio Lower Upper
70 100
42 84.0 56.2 84.4
101 0.0 7.8 11.6#
130 0.0 16.2 24.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG036713.D

Acq: 14 Sep 2018 20:00

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 205574

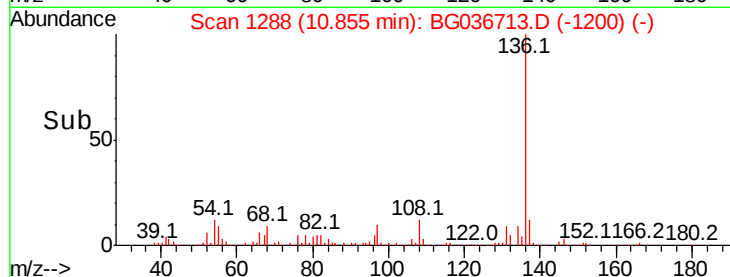
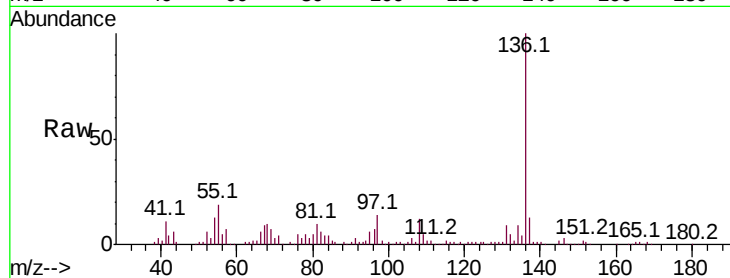
Ion Ratio Lower Upper

136 100

137 12.8 8.8 13.2

54 12.8 9.2 13.8

68 9.7 5.8 8.6#

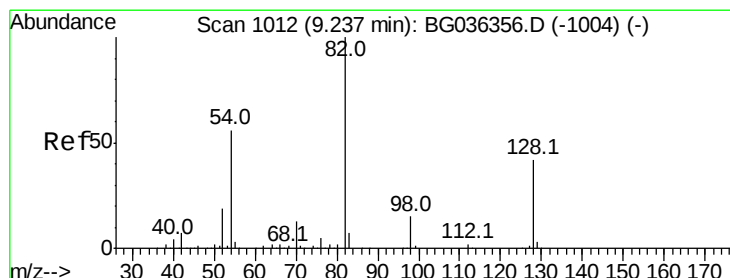
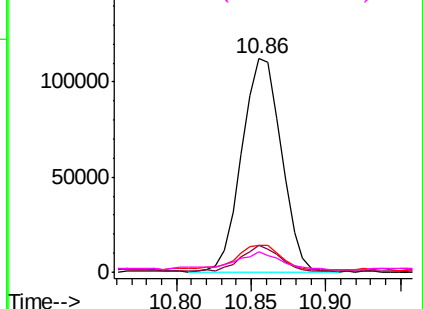


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.217 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BG036713.D

Acq: 14 Sep 2018 20:00

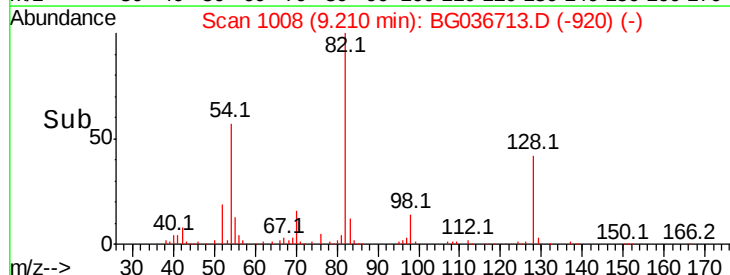
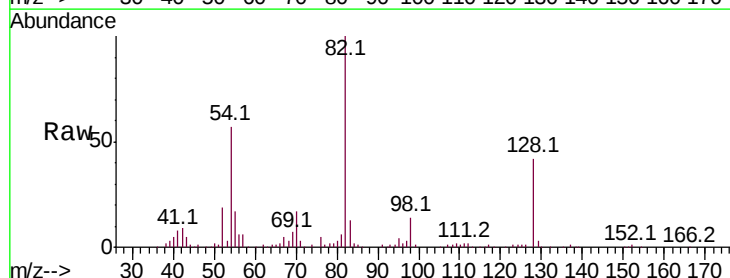
Tgt Ion: 82 Resp: 224370

Ion Ratio Lower Upper

82 100

128 41.6 33.3 49.9

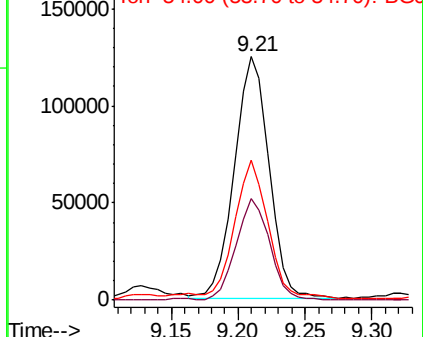
54 57.4 45.1 67.7

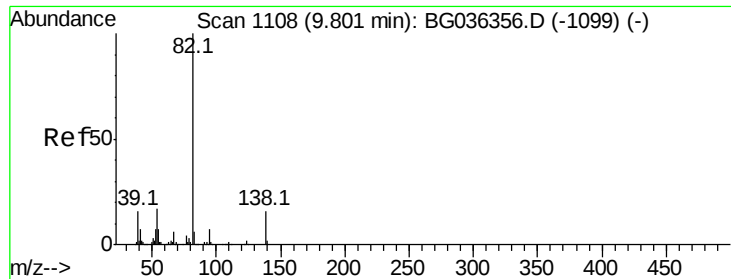


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#25

Isophorone

Concen: 2.573 ng

RT: 9.78 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BG036713.D

Acq: 14 Sep 2018 20:00

Instrument :

BNA_G

ClientSampleId :

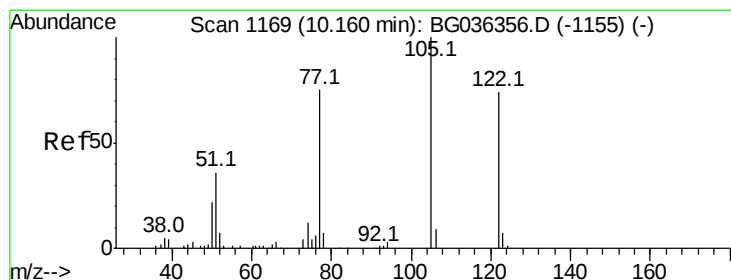
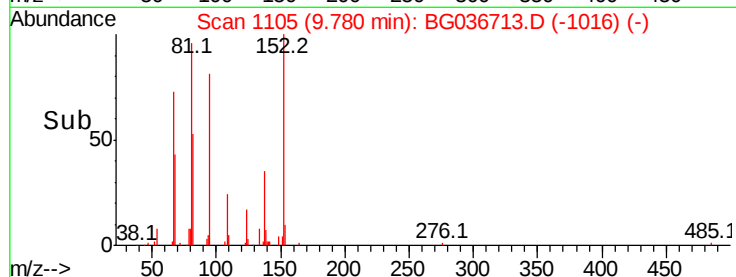
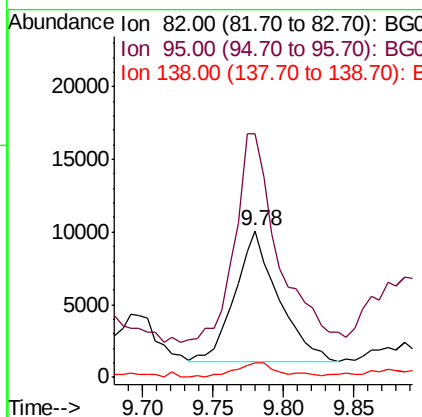
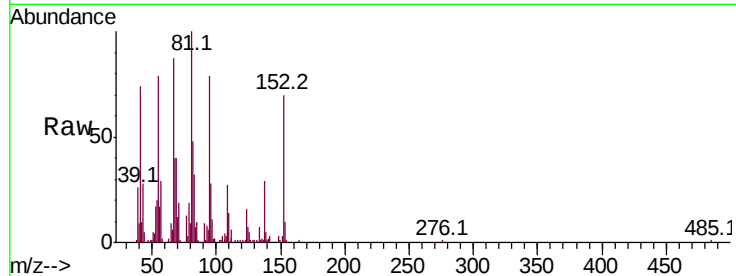
Tot Ion: 82 Resp: 19364

Ion Ratio Lower Upper

82 100

95 166.2 5.8 8.8#

138 9.7 12.9 19.3#



#32

Benzoic acid

Concen: 4.591 ng

RT: 10.14 min Scan# 1166

Delta R.T. -0.02 min

Lab File: BG036713.D

Acq: 14 Sep 2018 20:00

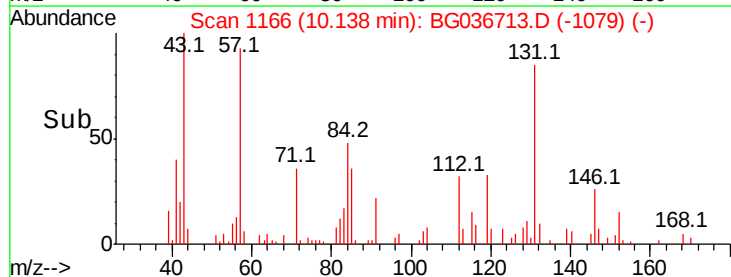
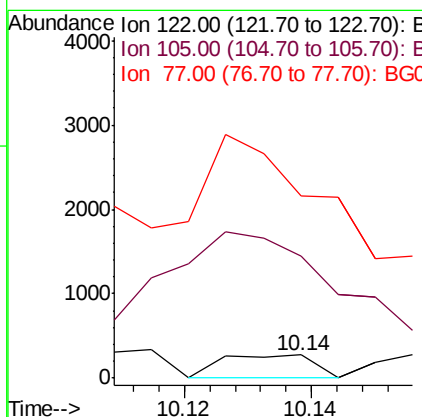
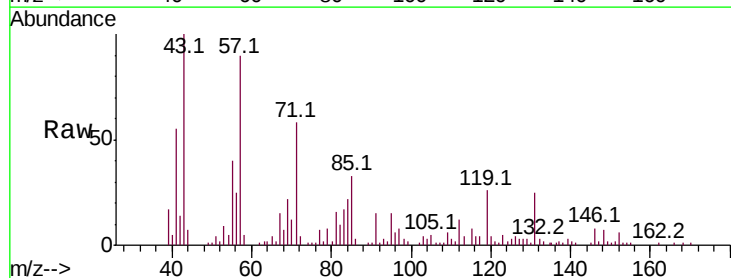
Tgt Ion: 122 Resp: 274

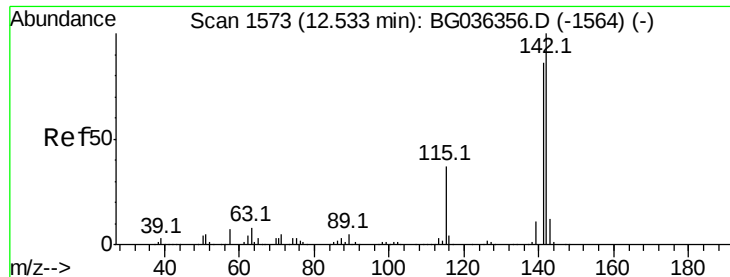
Ion Ratio Lower Upper

122 100

105 533.1 108.1 148.1#

77 791.5 76.3 116.3#

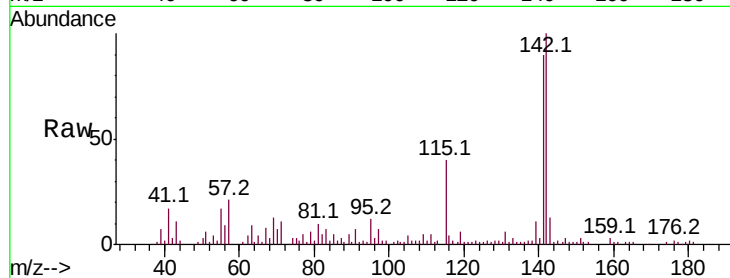




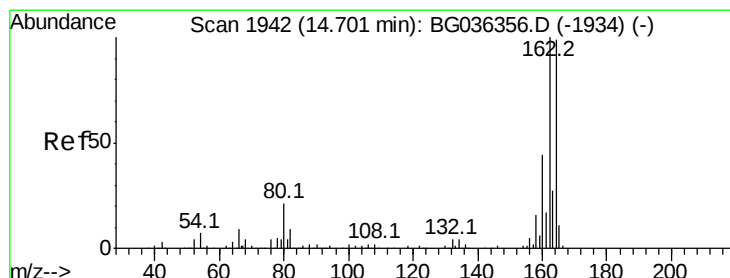
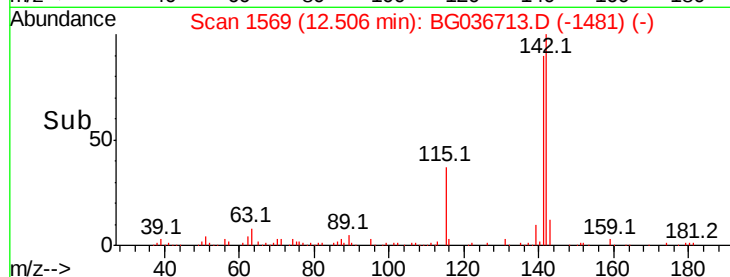
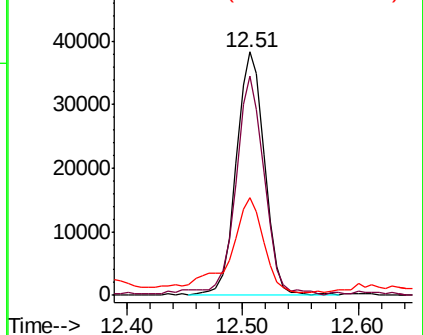
#37
2-Methylnaphthalene
Concen: 8.591 ng
RT: 12.51 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Instrument :
BNA_G
ClientSampled :

Tot Ion:142 Resp: 64598
Ion Ratio Lower Upper
142 100
141 90.3 68.5 102.7
115 40.2 29.8 44.8

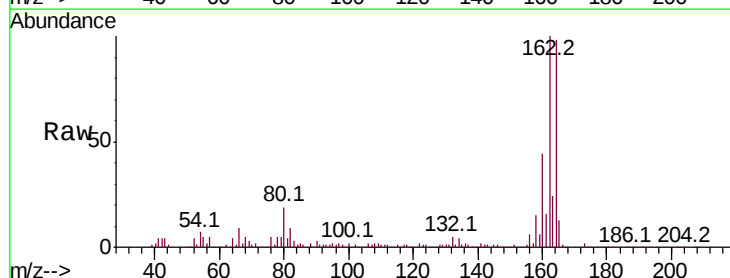


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

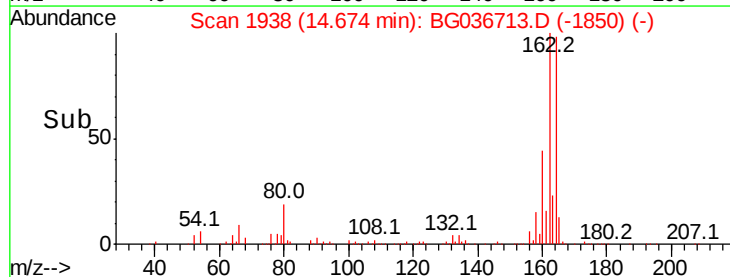
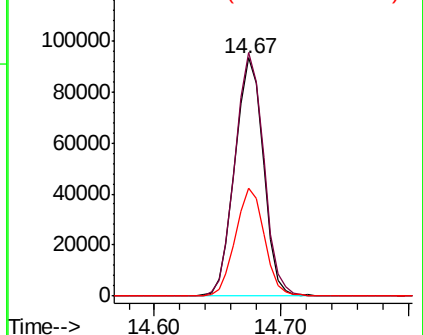


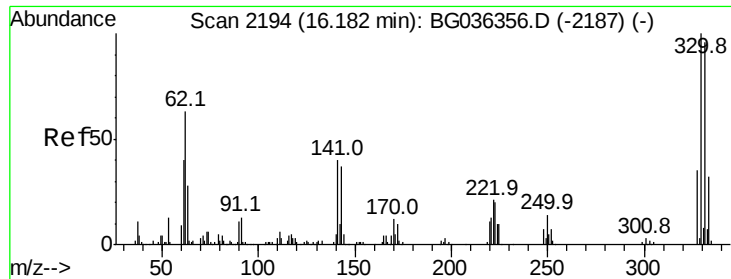
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Tgt Ion:164 Resp: 145025
Ion Ratio Lower Upper
164 100
162 102.2 80.7 121.1
160 45.0 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

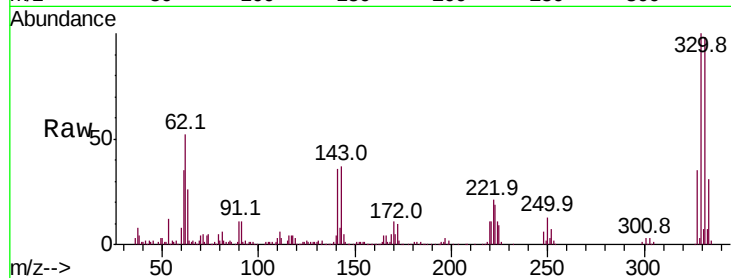




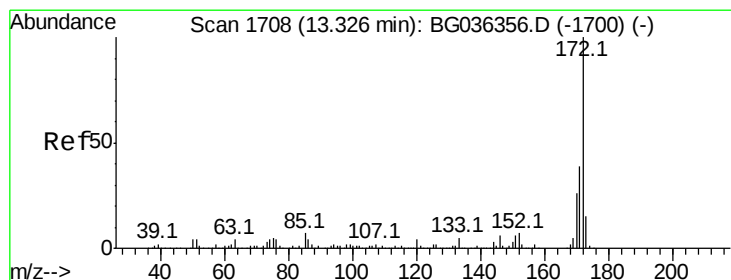
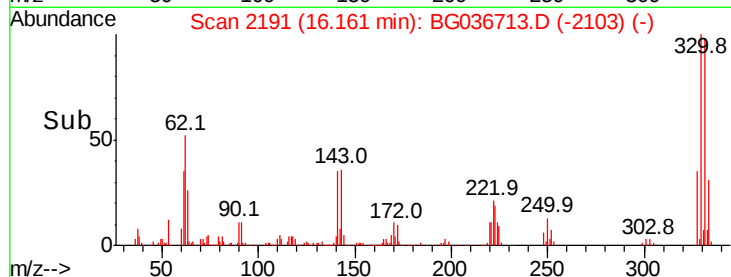
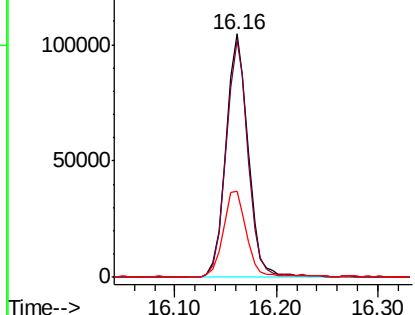
#41
 2,4,6-Tribromophenol
 Concen: 92.107 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036713.D
 Acq: 14 Sep 2018 20:00

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.4	113.2
141	36.4	30.7	46.1

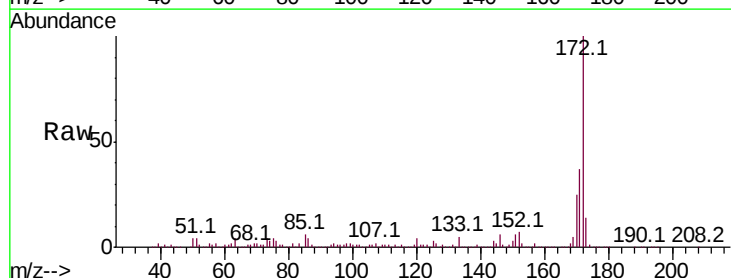


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

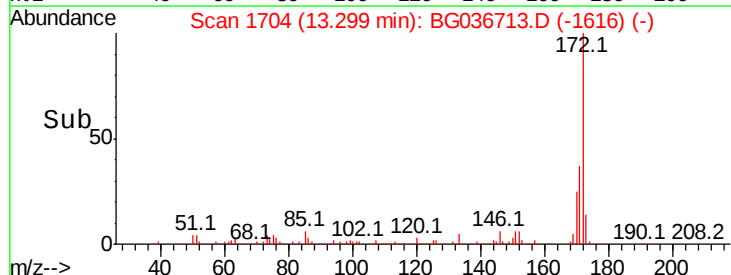
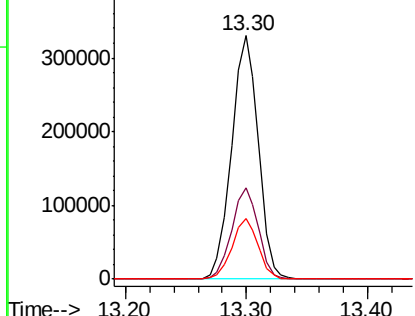


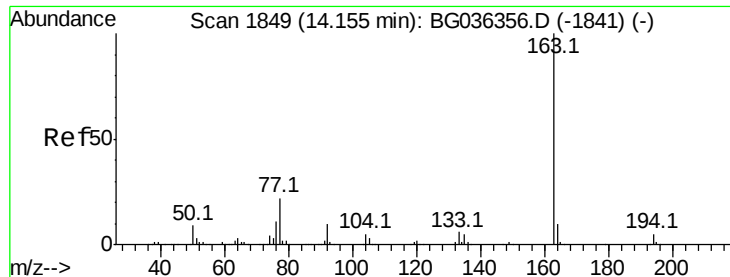
#44
 2-Fluorobiphenyl
 Concen: 49.923 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036713.D
 Acq: 14 Sep 2018 20:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.3	46.9
170	24.9	21.0	31.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

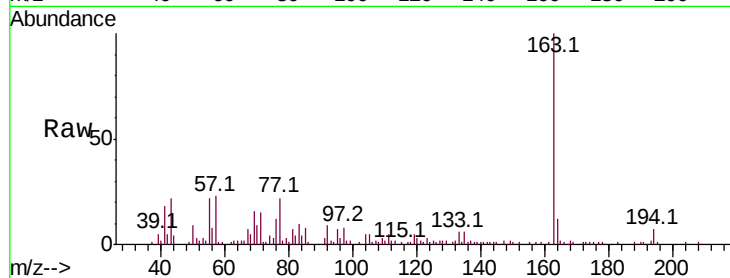




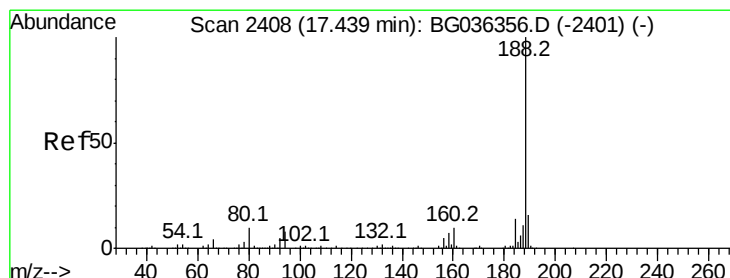
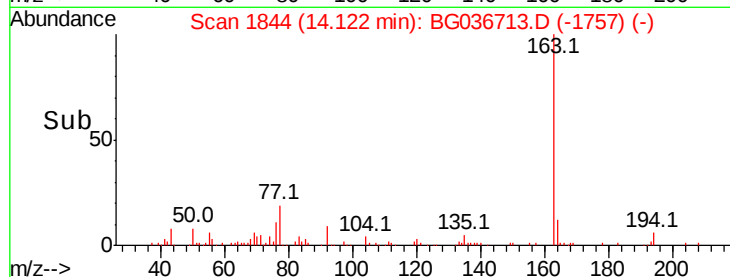
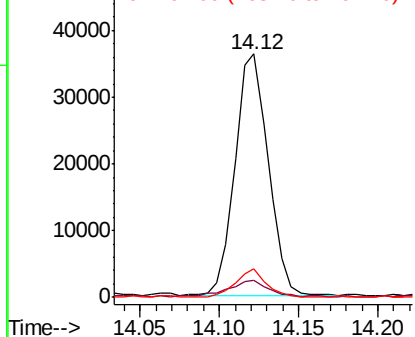
#49
Dimethylphthalate
Concen: 4.440 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Instrument :
BNA_G
ClientSampled :

Tot Ion:163 Resp: 52581
Ion Ratio Lower Upper
163 100
194 7.0 4.0 6.0#
164 11.5 8.1 12.1

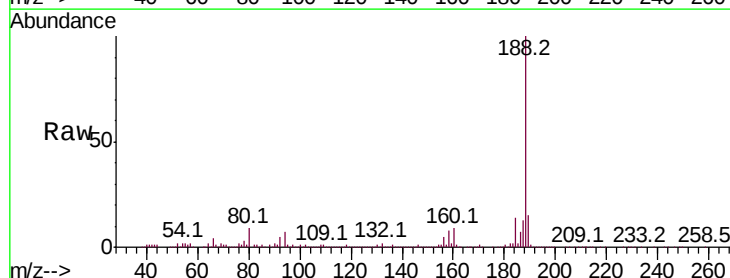


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

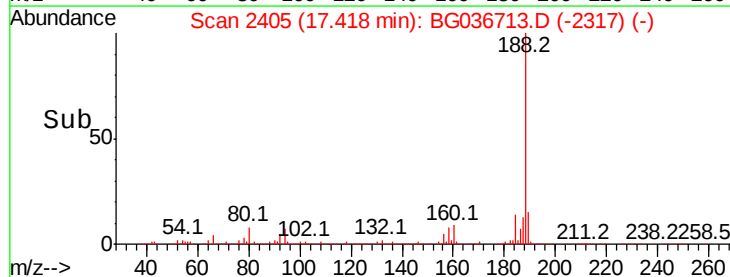
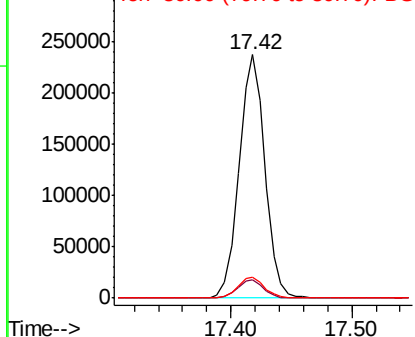


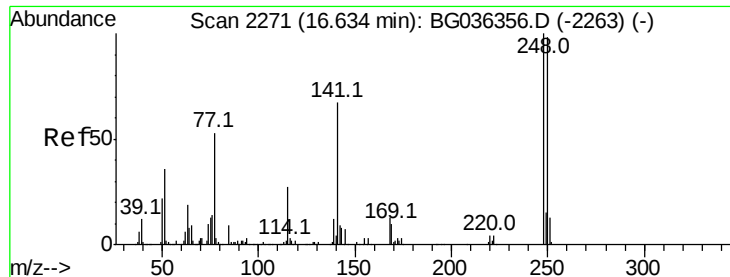
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Tgt Ion:188 Resp: 352548
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 8.5 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

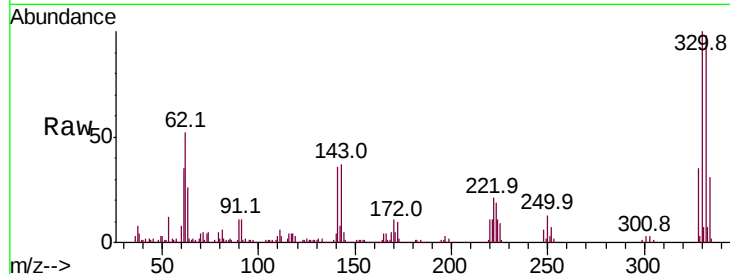




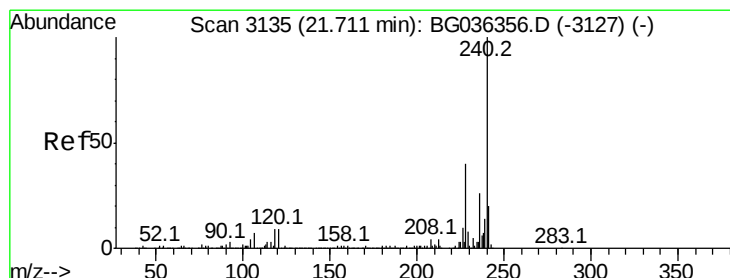
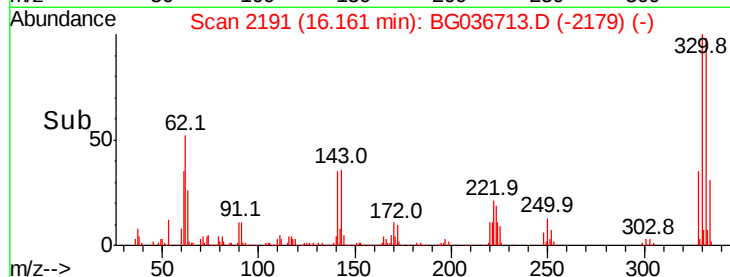
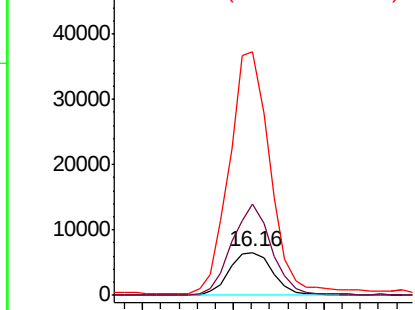
#66
4-Bromophenyl-phenylether
Concen: 2.650 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 10940
Ion Ratio Lower Upper
248 100
250 212.5 78.1 117.1#
141 568.5 53.7 80.5#

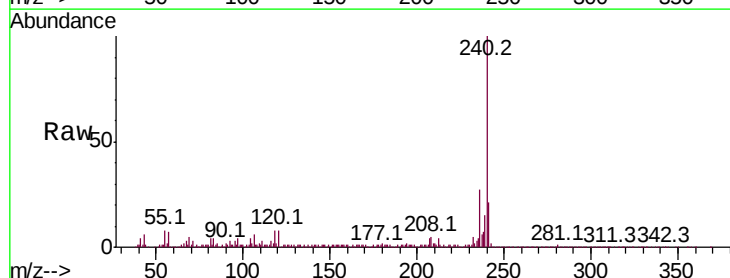


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

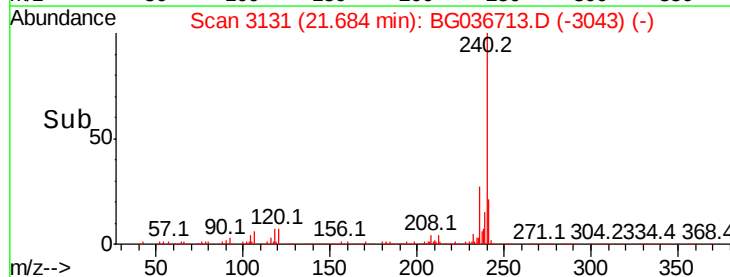
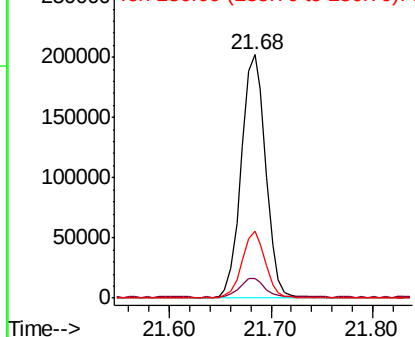


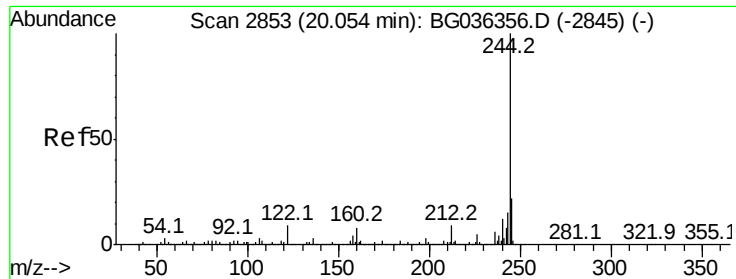
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Tgt Ion:240 Resp: 338747
Ion Ratio Lower Upper
240 100
120 7.8 6.9 10.3
236 27.4 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: 55.634 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036713.D

Acq: 14 Sep 2018 20:00

Instrument :

BNA_G

ClientSampleId :

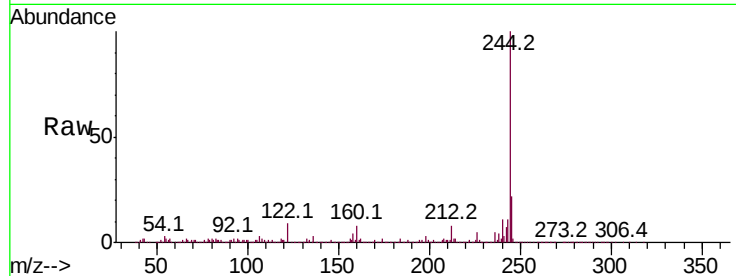
Tot Ion:244 Resp: 806296

Ion Ratio Lower Upper

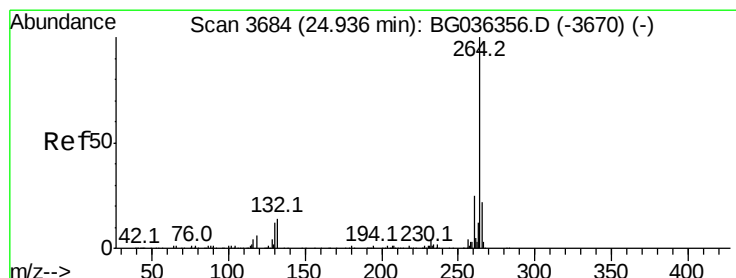
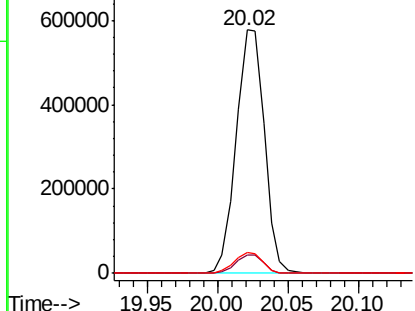
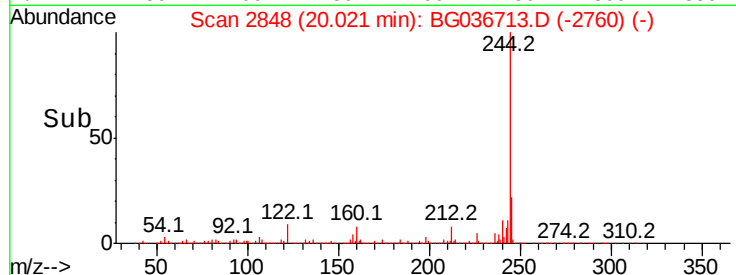
244 100

212 7.7 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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3677

Delta R.T. -0.01 min

Lab File: BG036713.D

Acq: 14 Sep 2018 20:00

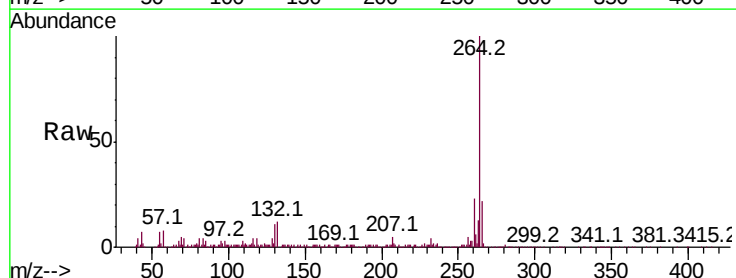
Tgt Ion:264 Resp: 347518

Ion Ratio Lower Upper

264 100

260 23.4 19.6 29.4

265 21.5 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

