

Data File : BG038245.D
Acq On : 29 Nov 2018 22:58
Operator : JU/SJ
Sample : J6073-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHASIS-WASH

Quant Time: Nov 30 00:26:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	32376	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	143962	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	88599	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	193598	20.00	ng	0.00
76) Chrysene-d12	21.75	240	182697	20.00	ng	0.00
87) Perylene-d12	25.07	264	185388	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	220763	117.73	ng	0.00
7) Phenol-d6	7.23	99	292595	109.31	ng	0.00
23) Nitrobenzene-d5	9.26	82	218990	81.43	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	118983	117.75	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	462902	76.12	ng	-0.01
79) Terphenyl-d14	20.07	244	696621	89.72	ng	0.00

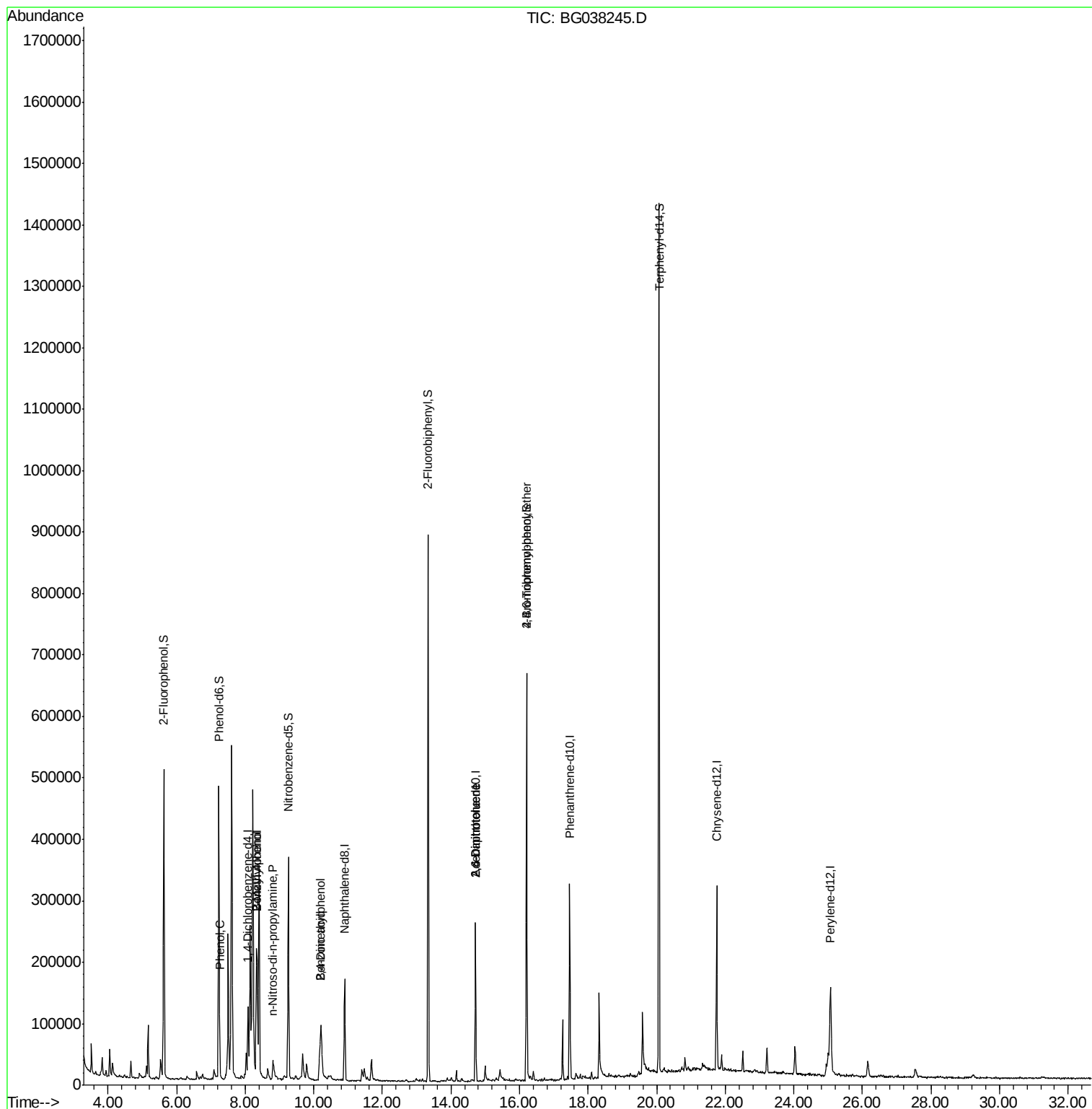
Target Compounds				Qvalue		
10) Phenol	7.26	94	7900	2.786	ng	84
15) Benzyl Alcohol	8.32	79	62573	32.307	ng	95
17) 2-Methylphenol	8.32	107	35335	18.434	ng	# 17
19) n-Nitroso-di-n-propylamine	8.81	70	6688	3.453	ng	# 48
27) 2,4-Dimethylphenol	10.20	122	53285	25.750	ng	# 2
32) Benzoic acid	10.20	122	53285	42.049	ng	91
51) 2,6-Dinitrotoluene	14.72	165	11746	7.389	ng	# 26
57) 2,4-Dinitrotoluene	14.72	165	11746	5.431	ng	# 26
67) 4-Bromophenyl-phenylether	16.20	248	8572	4.034	ng	# 1

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

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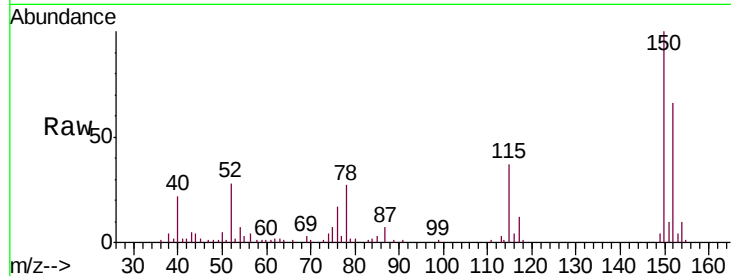


#1

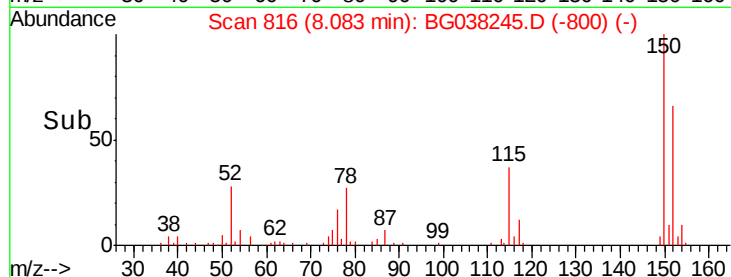
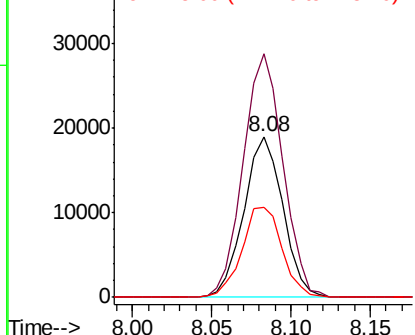
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038245.D
Acq: 29 Nov 2018 22:58

Instrument :
BNA_G
ClientSampleId :
CHASIS-WASH

Tgt Ion:152 Resp: 32376
Ion Ratio Lower Upper
152 100
150 151.3 126.0 189.0
115 56.2 45.5 68.3



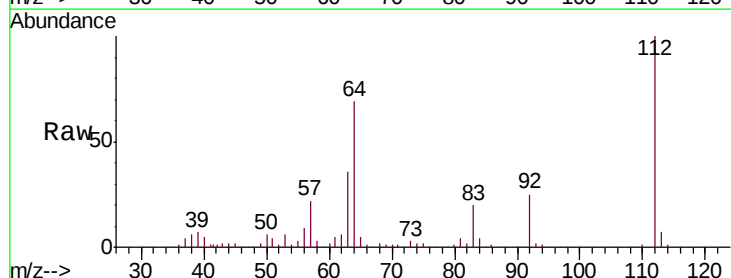
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



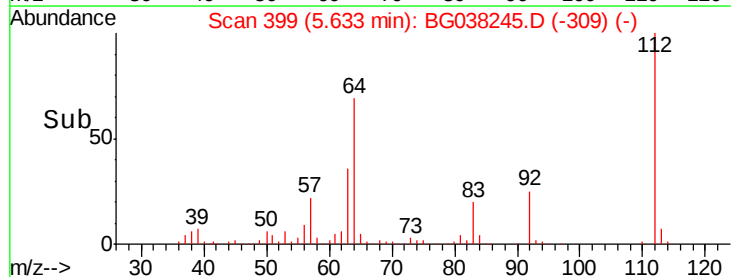
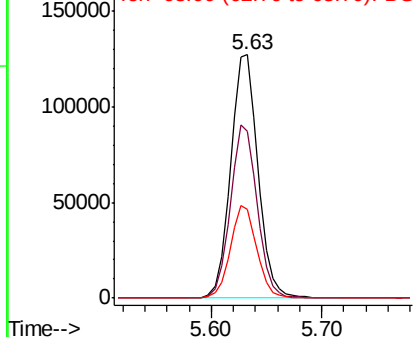
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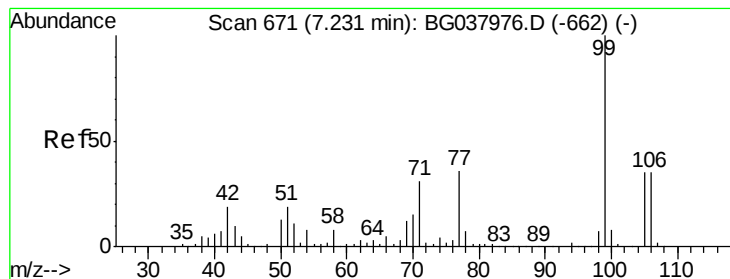
2-Fluorophenol
Concen: 117.730 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038245.D
Acq: 29 Nov 2018 22:58

Tgt Ion:112 Resp: 220763
Ion Ratio Lower Upper
112 100
64 68.7 53.1 79.7
63 36.3 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 109.312 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038245.D

Acq: 29 Nov 2018 22:58

Instrument :

BNA_G

ClientSampleId :

CHASIS-WASH

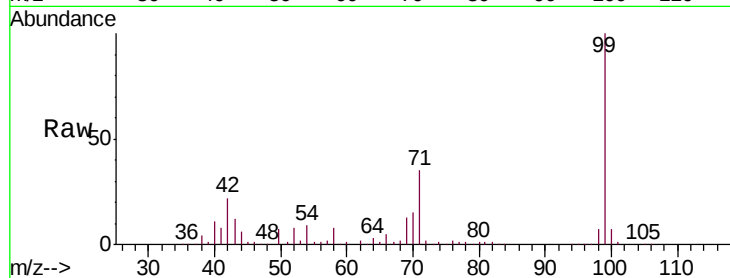
Tgt Ion: 99 Resp: 292595

Ion Ratio Lower Upper

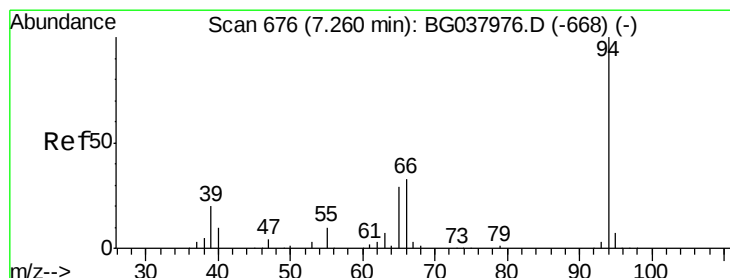
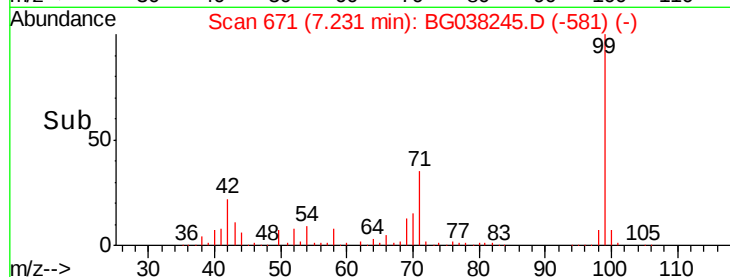
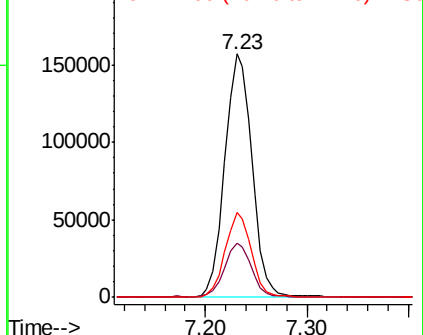
99 100

42 22.2 15.0 22.4

71 34.7 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: 2.786 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038245.D

Acq: 29 Nov 2018 22:58

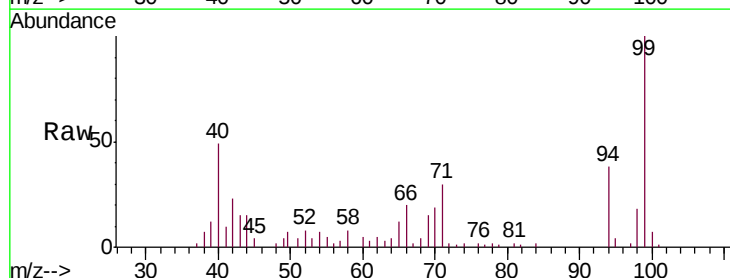
Tgt Ion: 94 Resp: 7900

Ion Ratio Lower Upper

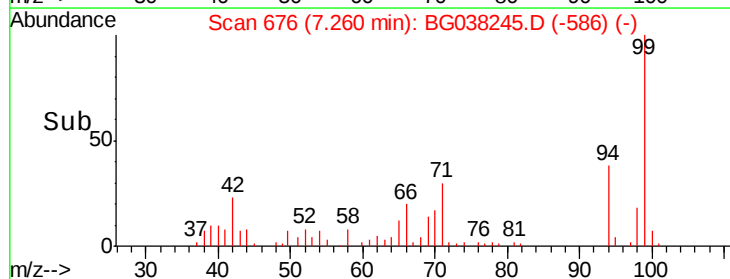
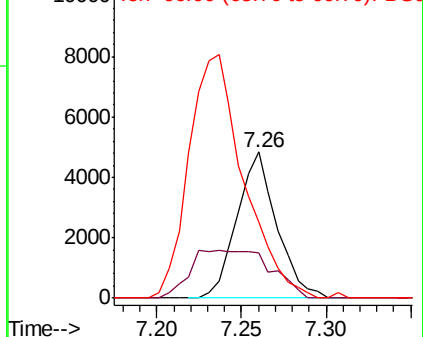
94 100

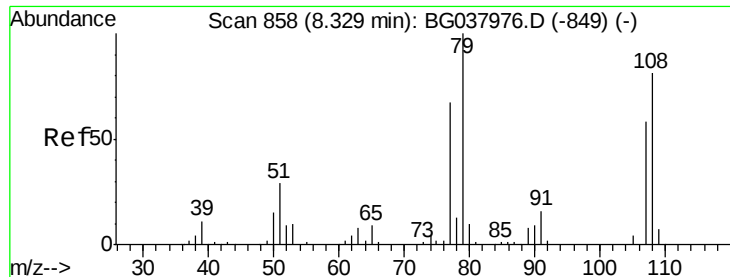
65 31.1 9.7 49.7

66 52.0 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





#15

Benzyl Alcohol

Concen: 32.307 ng

RT: 8.32 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG038245.D

Acq: 29 Nov 2018 22:58

Instrument :

BNA_G

ClientSampleId :

CHASIS-WASH

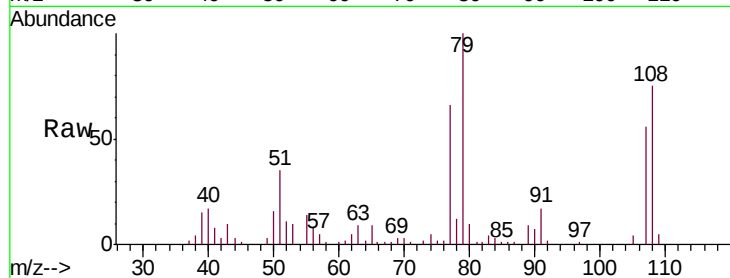
Tgt Ion: 79 Resp: 62573

Ion Ratio Lower Upper

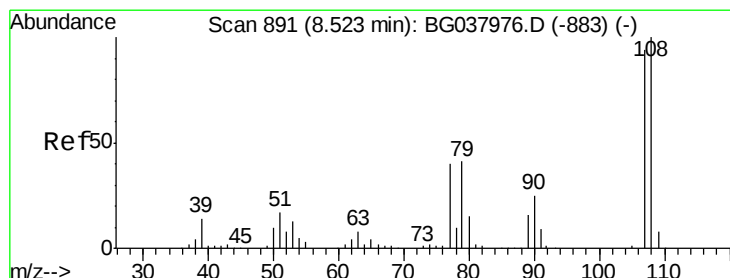
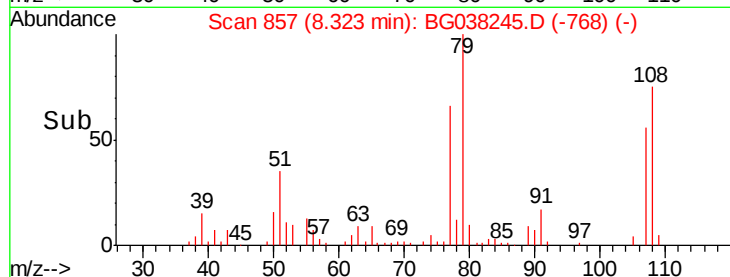
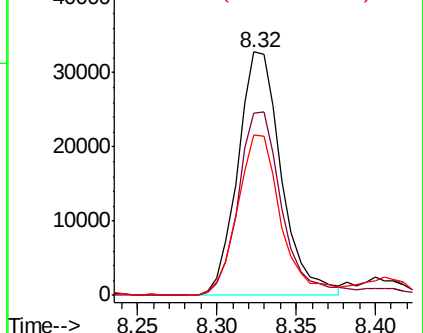
79 100

108 74.9 65.8 98.8

77 65.8 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#17

2-Methylphenol

Concen: 18.434 ng

RT: 8.32 min Scan# 857

Delta R.T. -0.20 min

Lab File: BG038245.D

Acq: 29 Nov 2018 22:58

Tgt Ion: 107 Resp: 35335

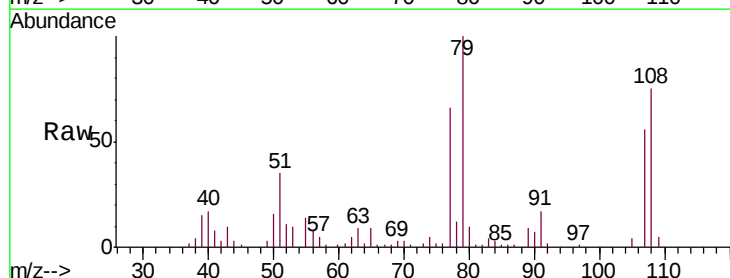
Ion Ratio Lower Upper

107 100

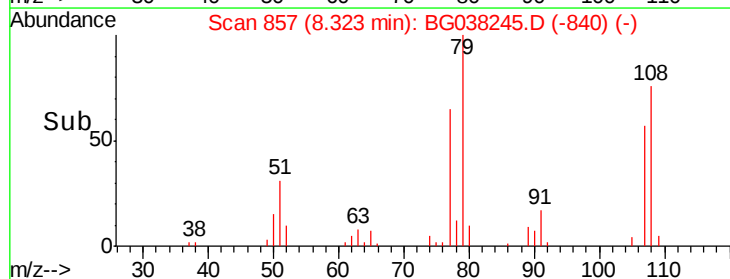
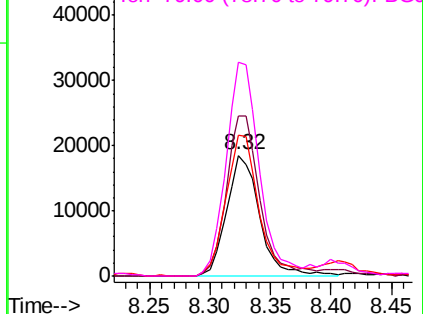
108 132.7 87.9 131.9#

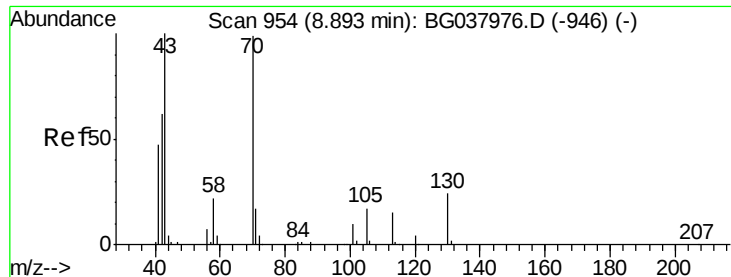
77 116.5 35.1 52.7#

79 177.1 34.5 51.7#



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

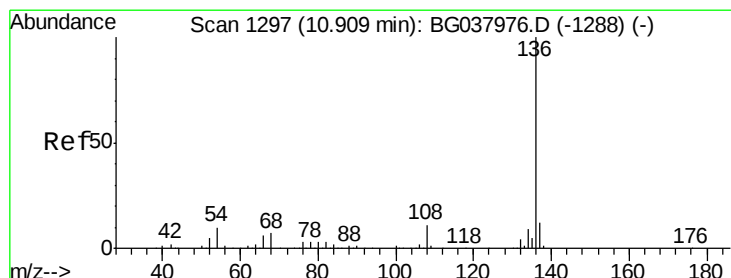
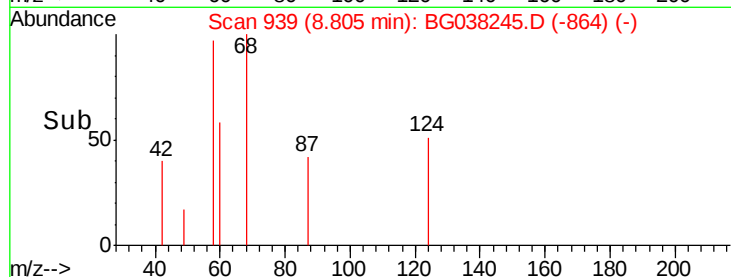
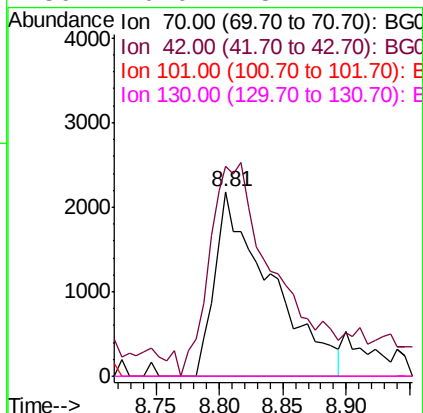
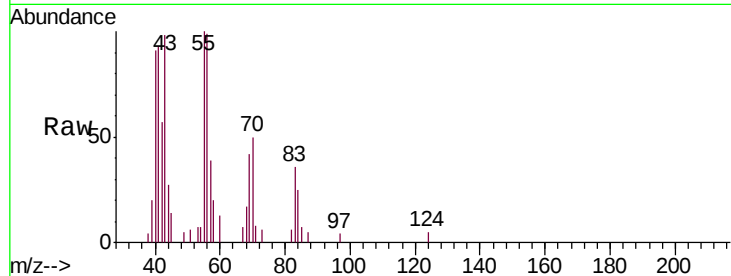




#19
n-Nitroso-di-n-propylamine
Concen: 3.453 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.09 min
Lab File: BG038245.D
Acq: 29 Nov 2018 22:58

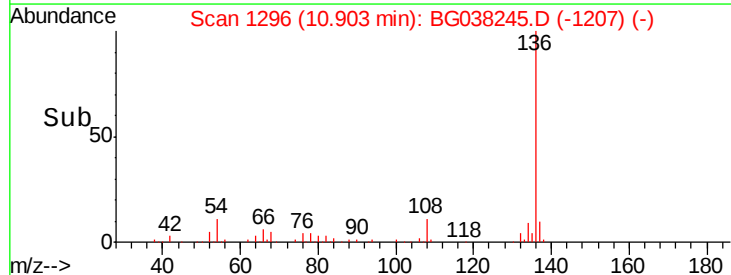
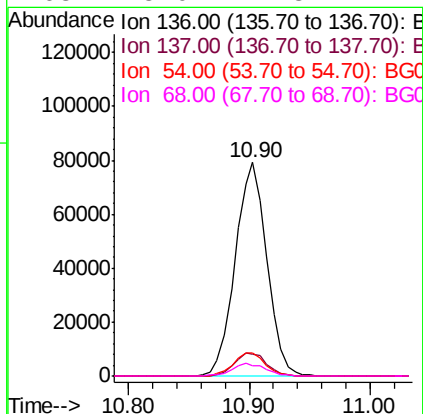
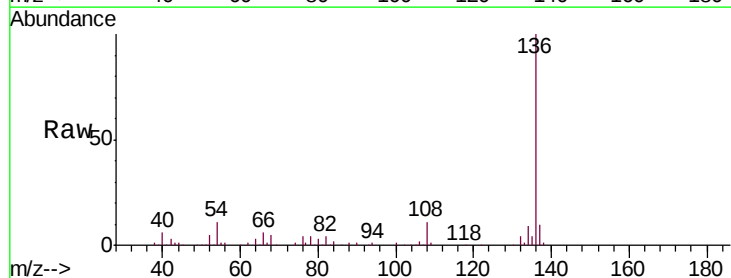
Instrument :
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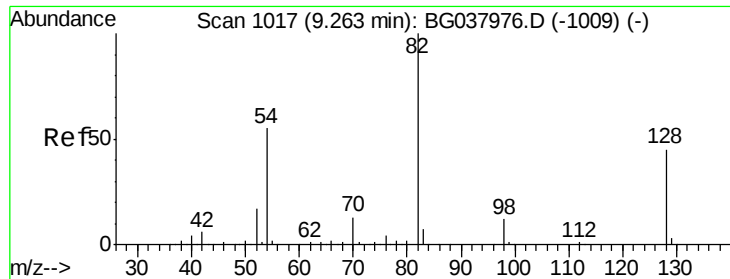
Tgt Ion: 70 Resp: 6688
Ion Ratio Lower Upper
70 100
42 113.6 53.9 80.9#
101 0.0 8.2 12.2#
130 0.0 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038245.D
Acq: 29 Nov 2018 22:58

Tgt Ion: 136 Resp: 143962
Ion Ratio Lower Upper
136 100
137 10.0 9.6 14.4
54 11.0 7.9 11.9
68 5.0 4.8 7.2

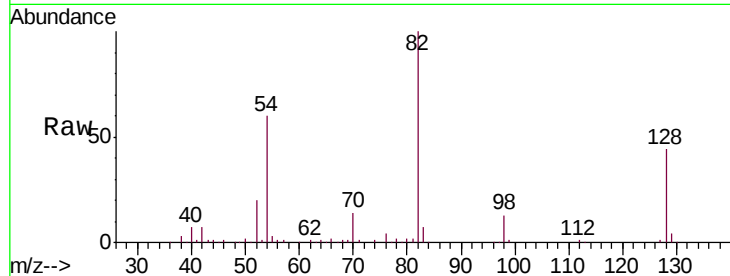




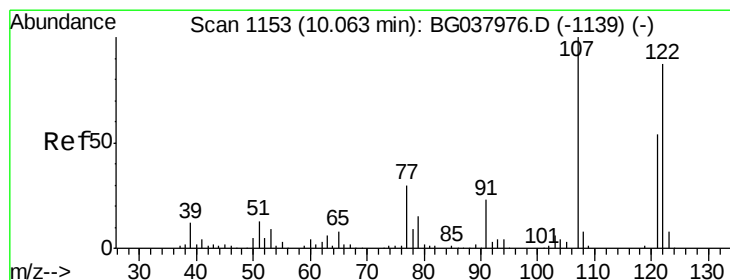
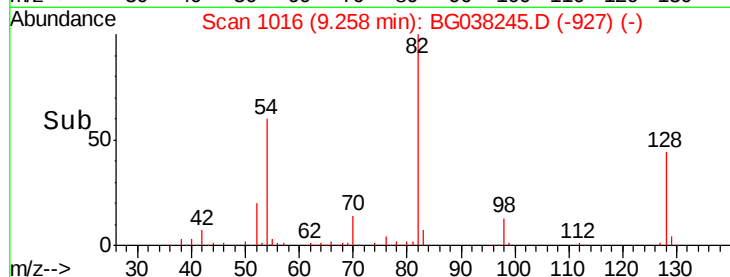
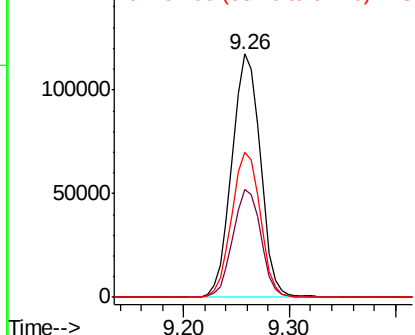
#23
Nitrobenzene-d5
Concen: 81.429 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG038245.D
Acq: 29 Nov 2018 22:58

Instrument :
BNA_G
ClientSampleId :
CHASIS-WASH

Tgt Ion: 82 Resp: 218990
Ion Ratio Lower Upper
82 100
128 44.1 34.6 51.8
54 59.8 45.3 67.9

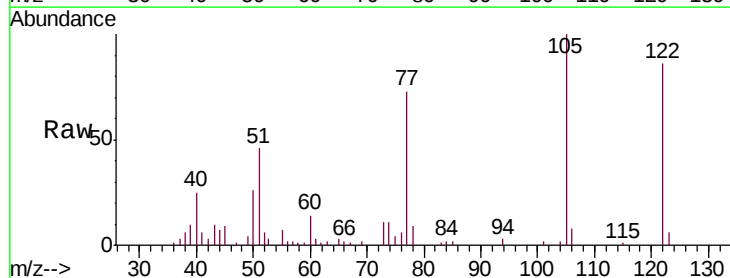


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

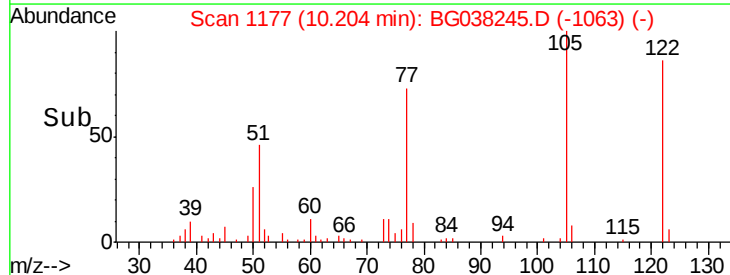
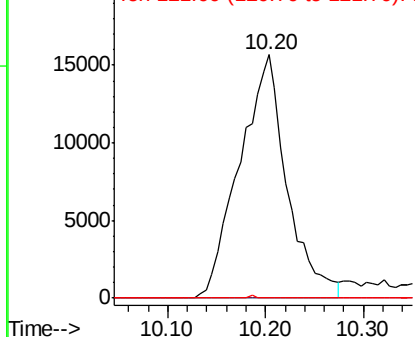


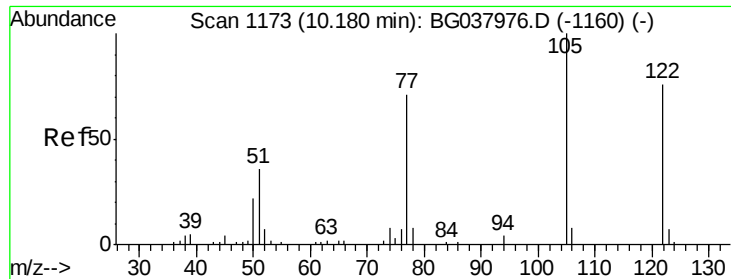
#27
2,4-Dimethylphenol
Concen: 25.750 ng
RT: 10.20 min Scan# 1177
Delta R.T. 0.14 min
Lab File: BG038245.D
Acq: 29 Nov 2018 22:58

Tgt Ion: 122 Resp: 53285
Ion Ratio Lower Upper
122 100
107 0.0 94.2 141.2#
121 0.0 47.3 70.9#



Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 107.00 (106.70 to 107.70): BGC
Ion 121.00 (120.70 to 121.70): BGC





#32

Benzoic acid

Concen: 42.049 ng

RT: 10.20 min Scan# 1177

Delta R.T. 0.02 min

Lab File: BG038245.D

Acq: 29 Nov 2018 22:58

Instrument :

BNA_G

ClientSampleId :

CHASIS-WASH

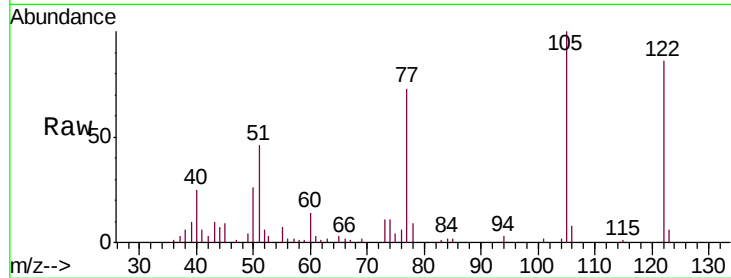
Tgt Ion:122 Resp: 53285

Ion Ratio Lower Upper

122 100

105 116.4 106.7 146.7

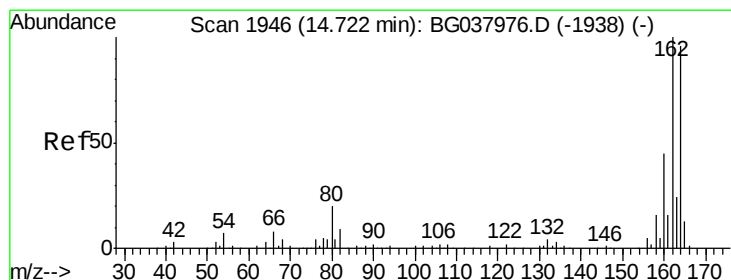
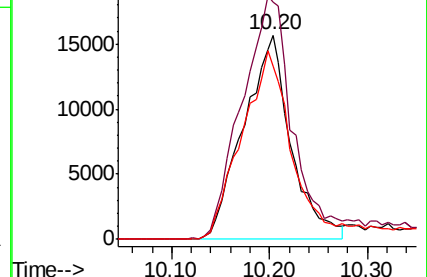
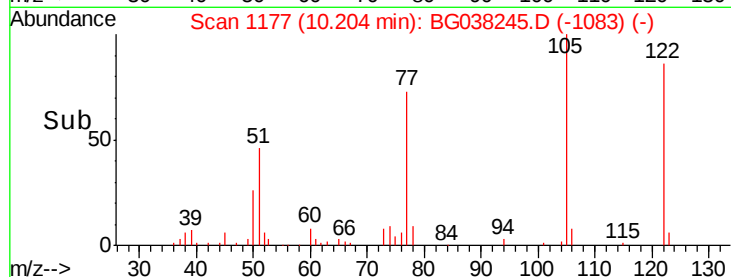
77 84.6 72.2 112.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG038245.D

Acq: 29 Nov 2018 22:58

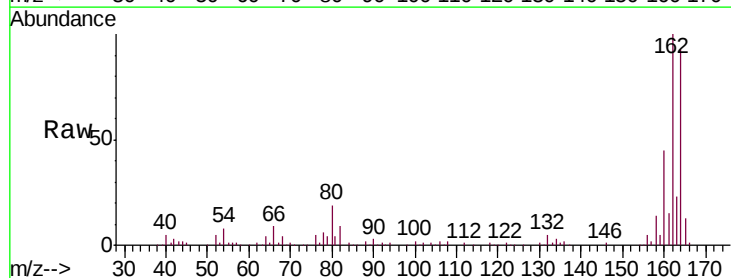
Tgt Ion:164 Resp: 88599

Ion Ratio Lower Upper

164 100

162 107.5 81.3 121.9

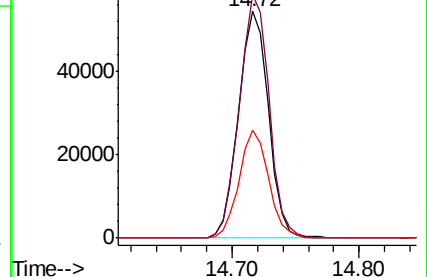
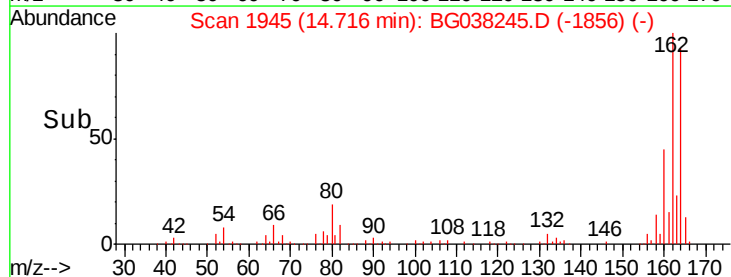
160 47.9 36.3 54.5

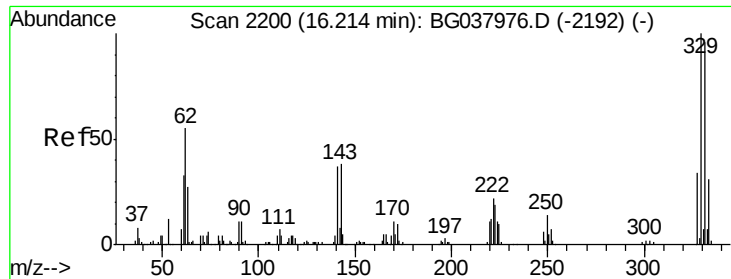


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 117.752 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038245.D

Acq: 29 Nov 2018 22:58

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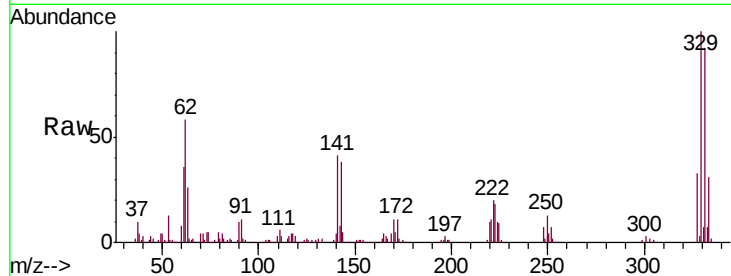
Tgt Ion:330 Resp: 118983

Ion Ratio Lower Upper

330 100

332 95.7 78.4 117.6

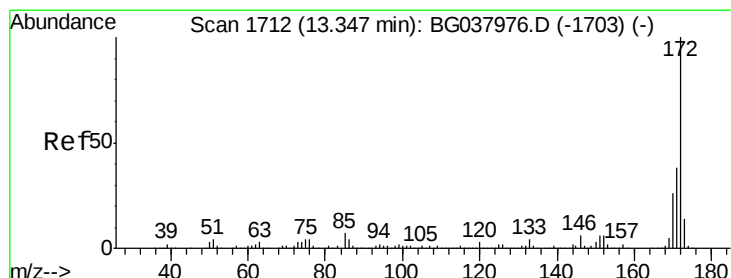
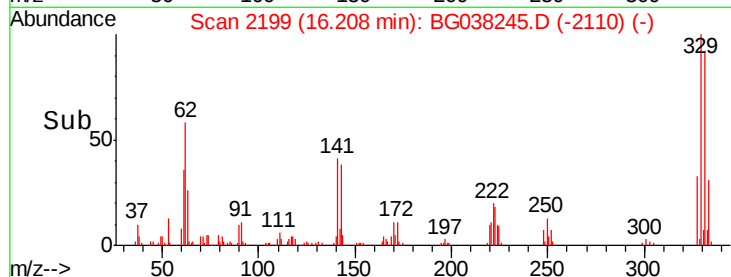
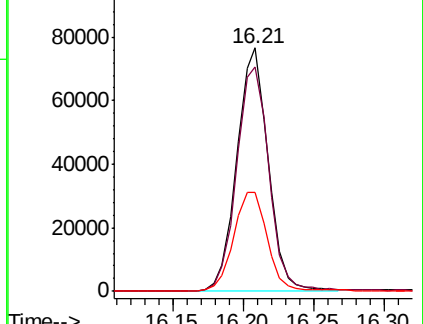
141 44.2 32.2 48.2



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: 76.116 ng

RT: 13.34 min Scan# 1710

Delta R.T. -0.01 min

Lab File: BG038245.D

Acq: 29 Nov 2018 22:58

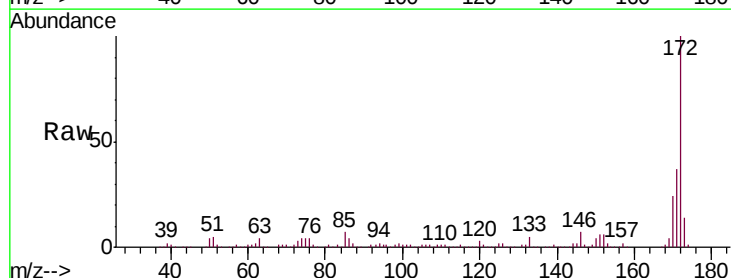
Tgt Ion:172 Resp: 462902

Ion Ratio Lower Upper

172 100

171 37.4 31.0 46.4

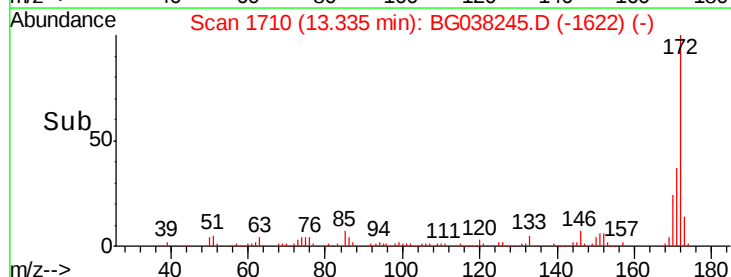
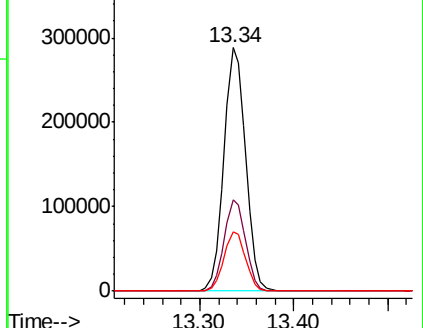
170 24.3 20.2 30.2

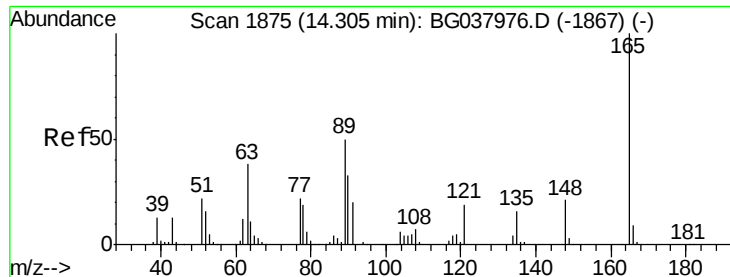


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

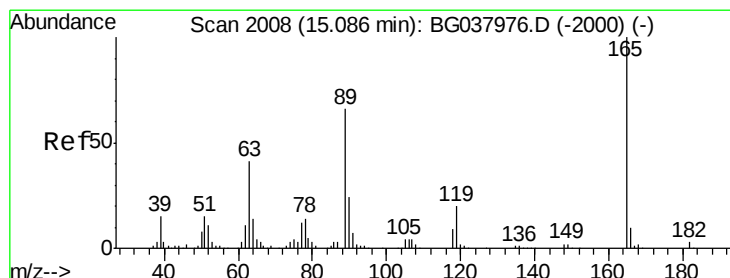
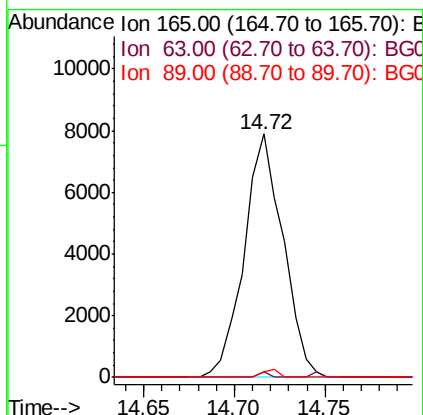
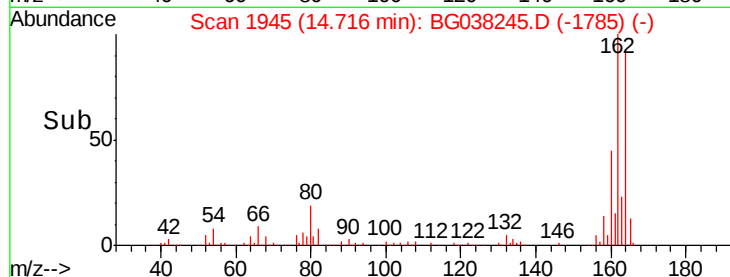
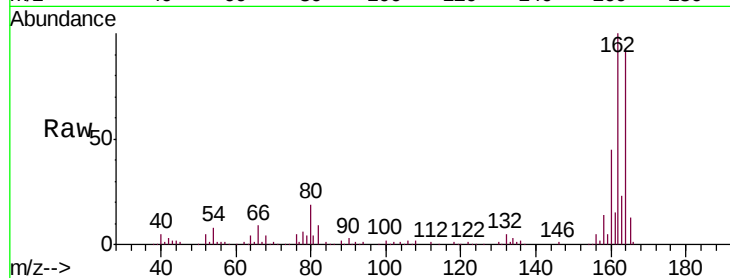




#51
 2,6-Dinitrotoluene
 Concen: 7.389 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038245.D
 Acq: 29 Nov 2018 22:58

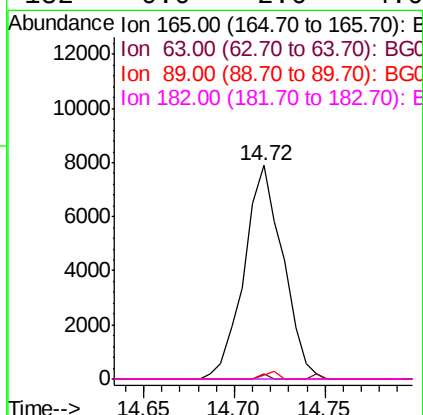
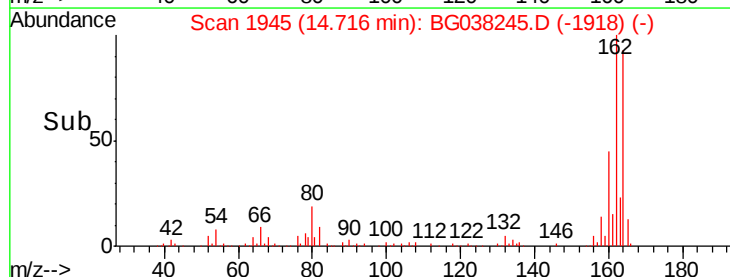
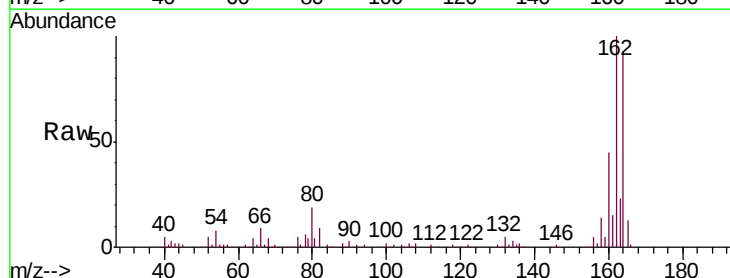
Instrument :
 BNA_G
 ClientSampleId :
 CHASIS-WASH

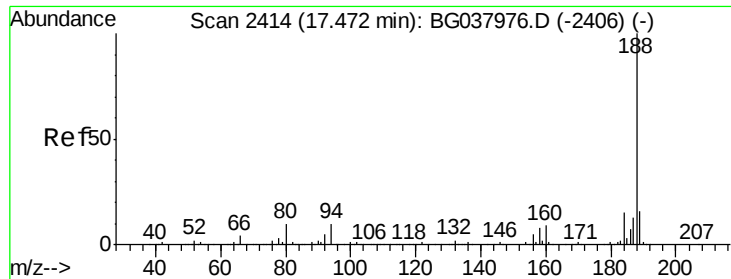
Tgt Ion:165 Resp: 11746
 Ion Ratio Lower Upper
 165 100
 63 2.3 43.4 65.2#
 89 2.0 45.8 68.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.431 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038245.D
 Acq: 29 Nov 2018 22:58

Tgt Ion:165 Resp: 11746
 Ion Ratio Lower Upper
 165 100
 63 2.3 33.4 50.0#
 89 2.0 57.2 85.8#
 182 0.0 2.6 4.0#

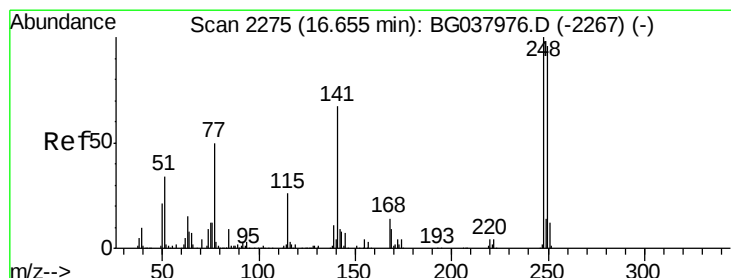
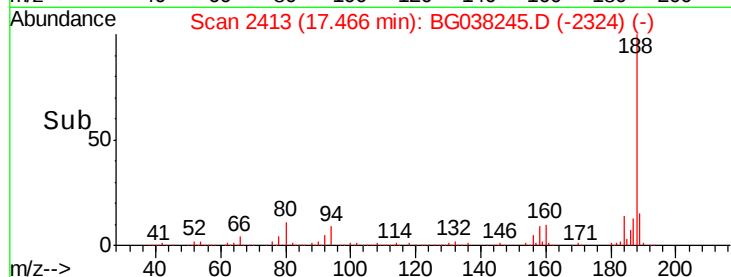
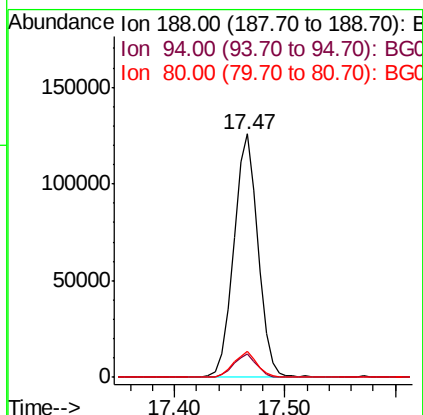
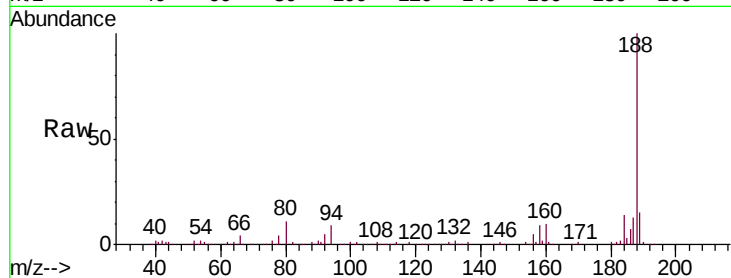




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038245.D
 Acq: 29 Nov 2018 22:58

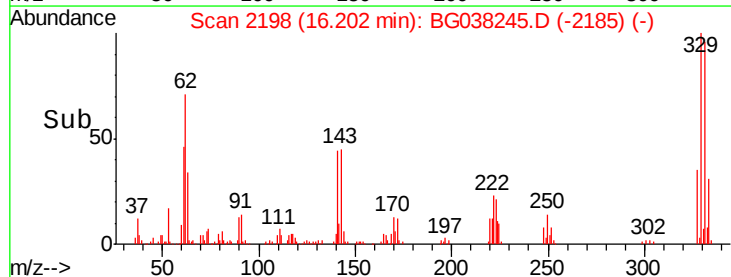
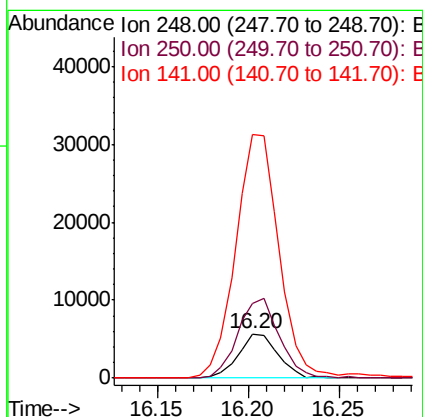
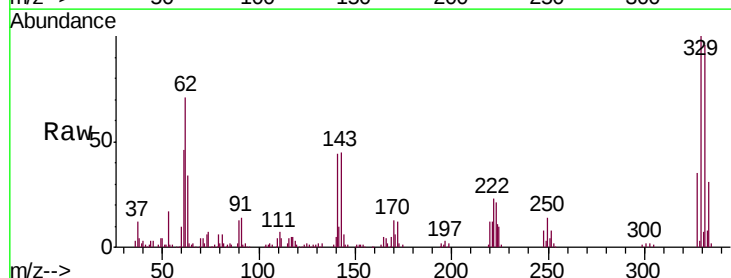
Instrument :
 BNA_G
 ClientSampleId :
 CHASIS-WASH

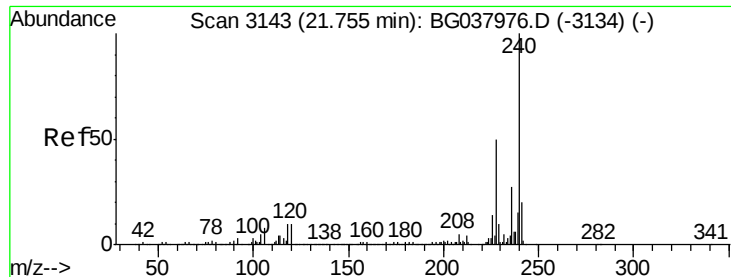
Tgt Ion:188 Resp: 193598
 Ion Ratio Lower Upper
 188 100
 94 9.5 7.2 10.8
 80 10.6 7.7 11.5



#67
 4-Bromophenyl-phenylether
 Concen: 4.034 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.45 min
 Lab File: BG038245.D
 Acq: 29 Nov 2018 22:58

Tgt Ion:248 Resp: 8572
 Ion Ratio Lower Upper
 248 100
 250 168.7 77.0 115.6#
 141 417.5 55.5 83.3#

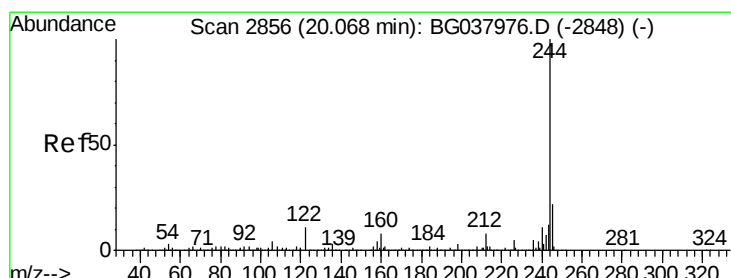
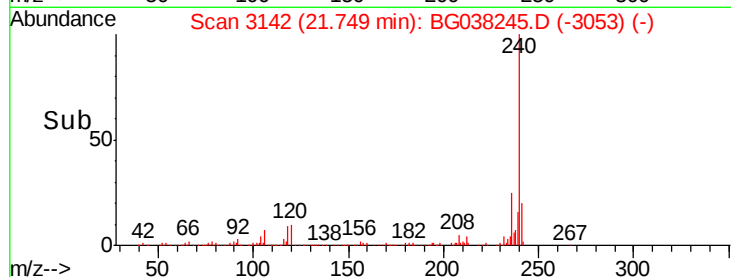
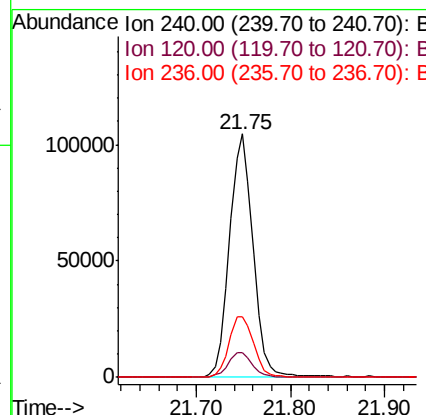
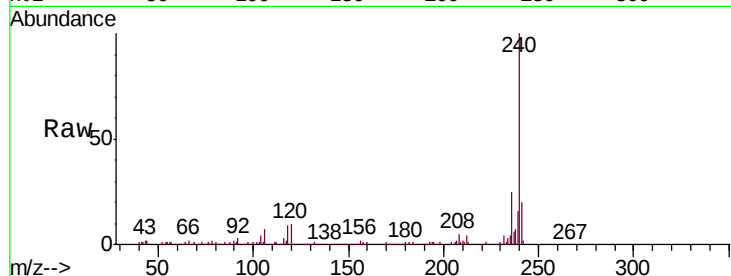




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038245.D
Acq: 29 Nov 2018 22:58

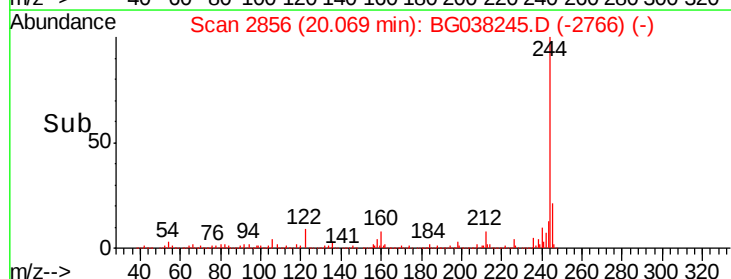
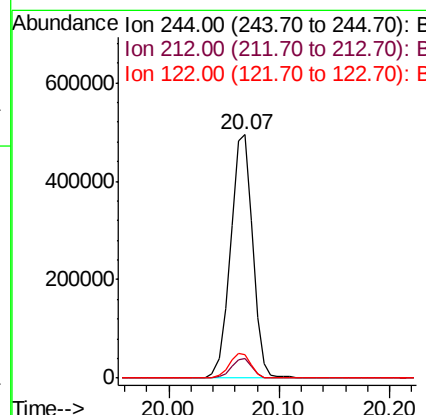
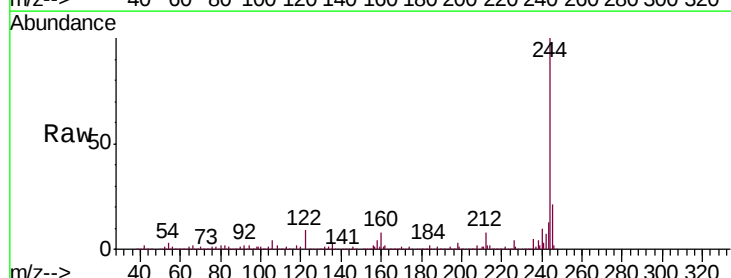
Instrument :
BNA_G
ClientSampleId :
CHASIS-WASH

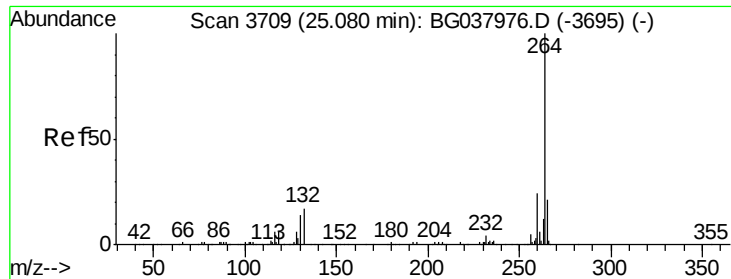
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.1	12.1
236	25.1	21.4	32.0



#79
Terphenyl-d14
Concen: 89.720 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG038245.D
Acq: 29 Nov 2018 22:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	9.4	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.01 min
Lab File: BG038245.D
Acq: 29 Nov 2018 22:58

Instrument :
BNA_G
ClientSampleId :
CHASIS-WASH

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	21.8	17.9	26.9

