

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
 Data File : BG038253.D
 Acq On : 30 Nov 2018 12:07
 Operator : JU/SJ
 Sample : J6073-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWS-2

Quant Time: Nov 30 13:08:24 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

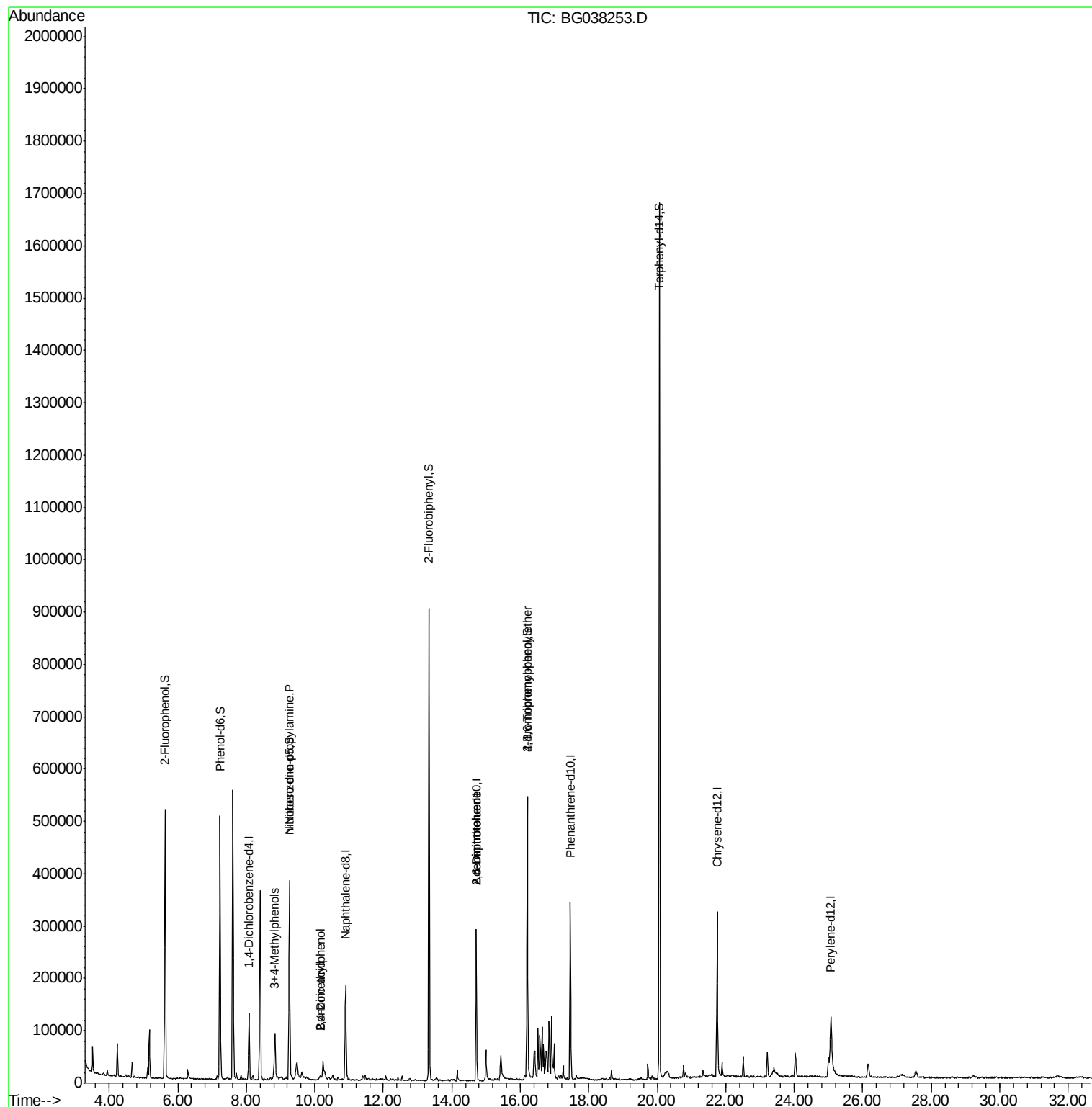
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	36223	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	162546	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	102385	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	219321	20.00	ng	0.00
76) Chrysene-d12	21.75	240	213472	20.00	ng	0.00
87) Perylene-d12	25.07	264	184141	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	227671	108.52	ng	0.00
7) Phenol-d6	7.23	99	297121	99.21	ng	0.00
23) Nitrobenzene-d5	9.26	82	237073	78.07	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	109426	93.71	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	487897	69.42	ng	-0.01
79) Terphenyl-d14	20.06	244	817097	90.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	30707	14.171	ng	Qvalue # 76
20) 3+4-Methylphenols	8.84	107	39377	12.952	ng	# 89
27) 2,4-Dimethylphenol	10.16	122	5061	2.166	ng	# 2
32) Benzoic acid	10.16	122	5061	14.833	ng	# 87
51) 2,6-Dinitrotoluene	14.72	165	13775	7.498	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	13775	5.511	ng	# 25
67) 4-Bromophenyl-phenylether	16.20	248	7866	3.268	ng	# 1

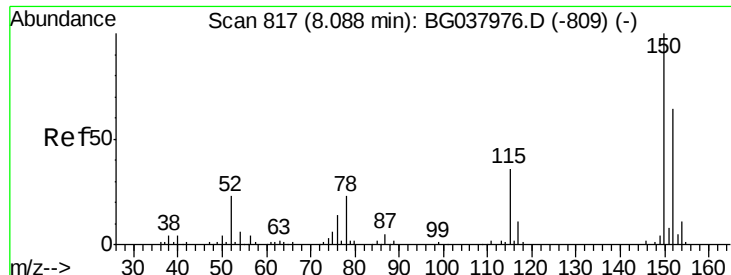
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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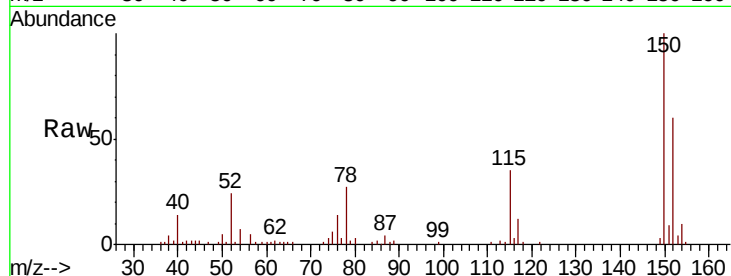


#1

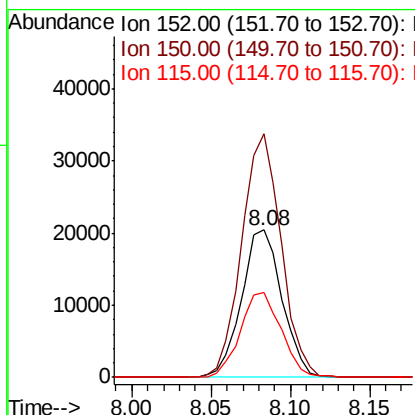
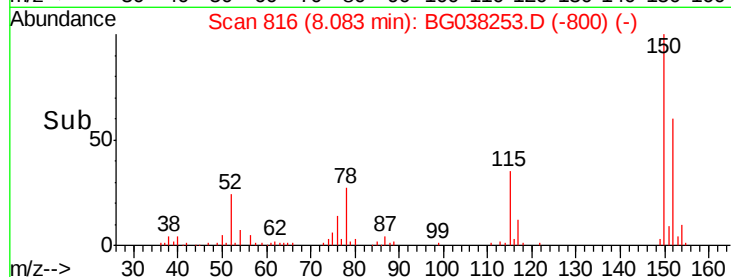
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BG038253.D
 Acq: 30 Nov 2018 12:07

Instrument :
 BNA_G
 ClientSampleId :
 OWS-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.3	126.0	189.0
115	57.7	45.5	68.3



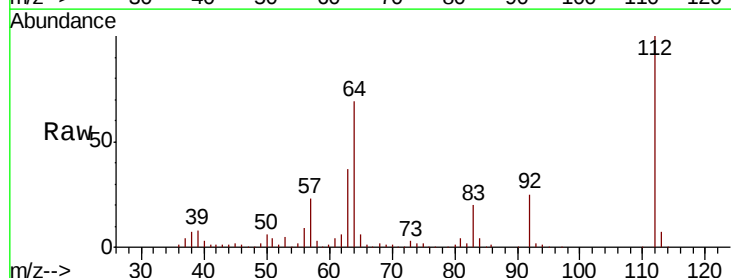
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



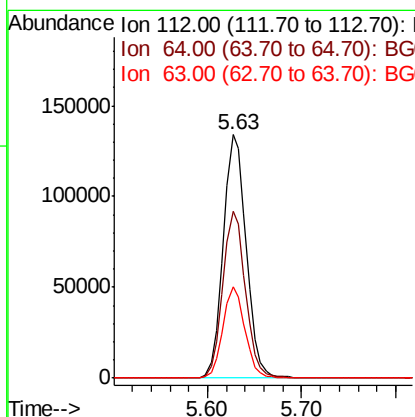
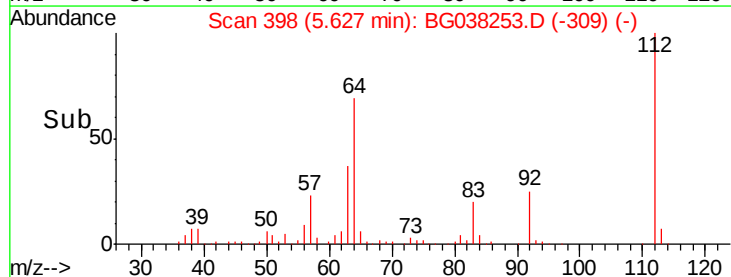
#5

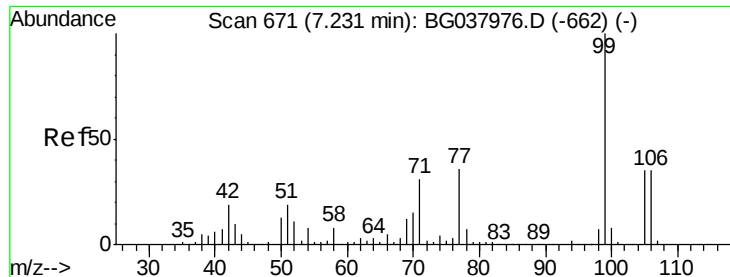
2-Fluorophenol
 Concen: 108.519 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BG038253.D
 Acq: 30 Nov 2018 12:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.7	53.1	79.7
63	37.3	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: 99.214 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038253.D

Acq: 30 Nov 2018 12:07

Instrument :

BNA_G

ClientSampled :

OWS-2

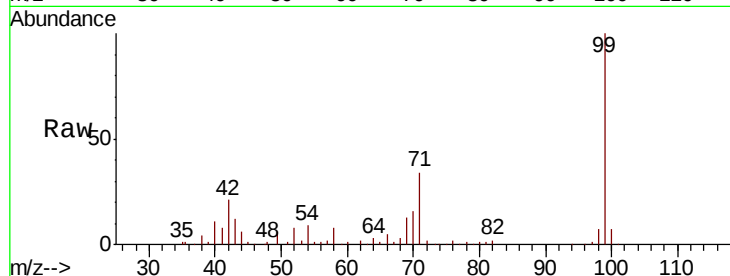
Tot Ion: 99 Resp: 297121

Ion Ratio Lower Upper

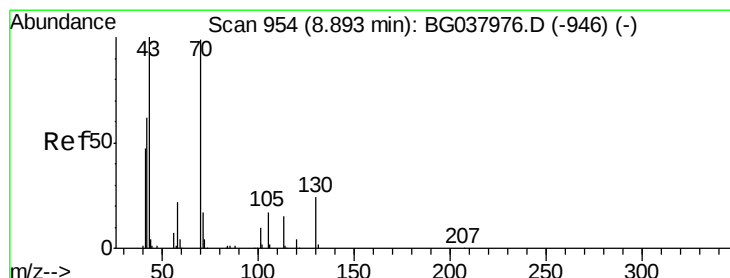
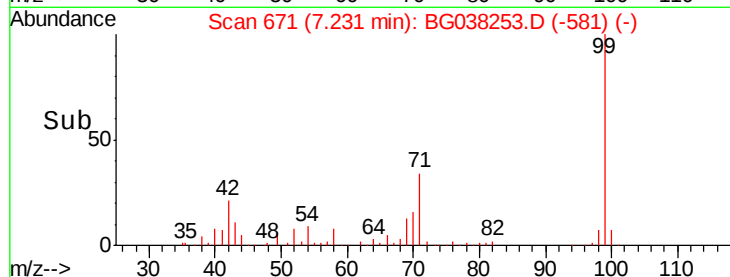
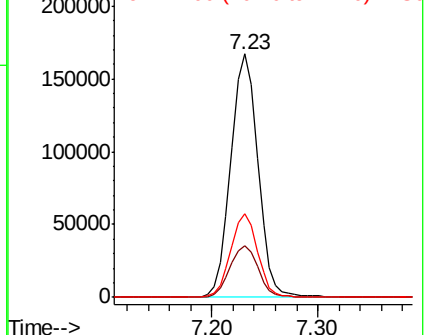
99 100

42 21.2 15.0 22.4

71 34.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.171 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.36 min

Lab File: BG038253.D

Acq: 30 Nov 2018 12:07

Tgt Ion: 70 Resp: 30707

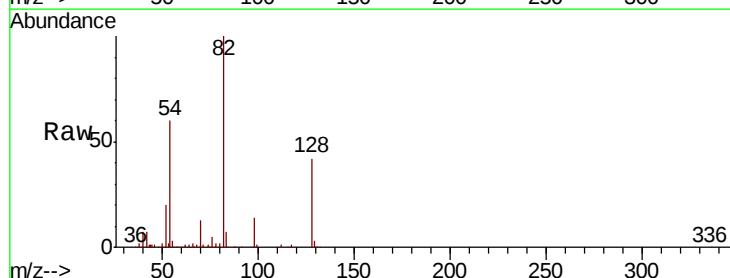
Ion Ratio Lower Upper

70 100

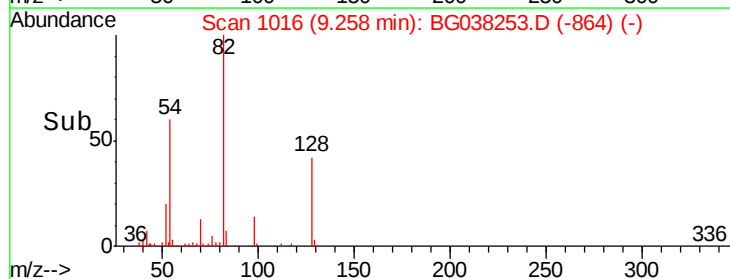
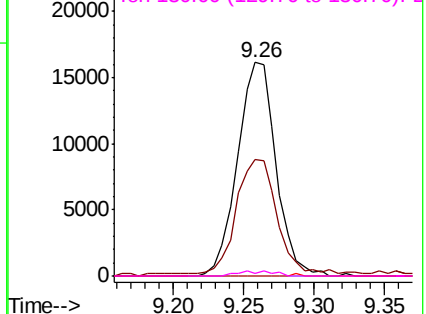
42 54.6 53.9 80.9

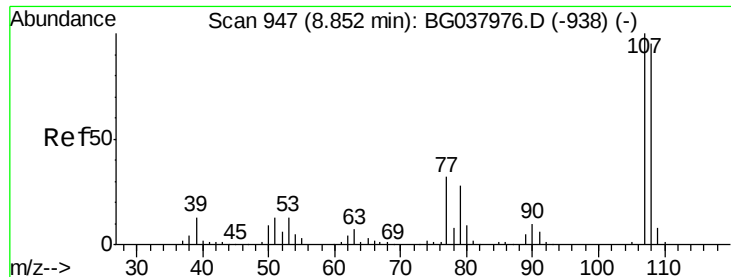
101 0.0 8.2 12.2#

130 1.4 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

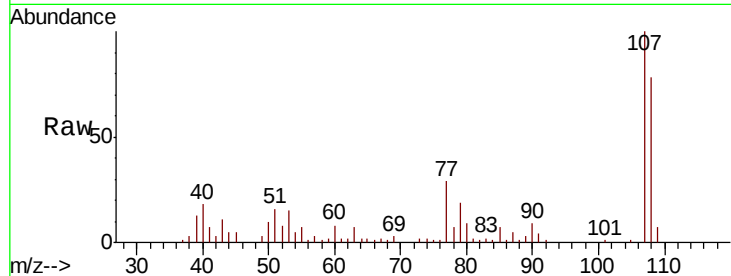




#20
3+4-Methylphenols
Concen: 12.952 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG038253.D
Acq: 30 Nov 2018 12:07

Instrument :
BNA_G
ClientSampleId :
OWS-2

Tot Ion:107	Resp:	39377
Ion Ratio	Lower	Upper
107	100	
108	78.2	69.9 109.9
77	29.4	11.2 51.2
79	19.1	6.6 46.6



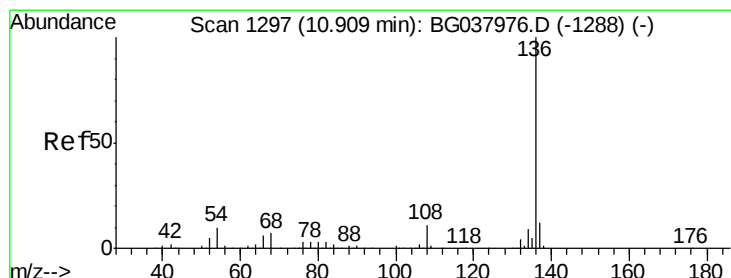
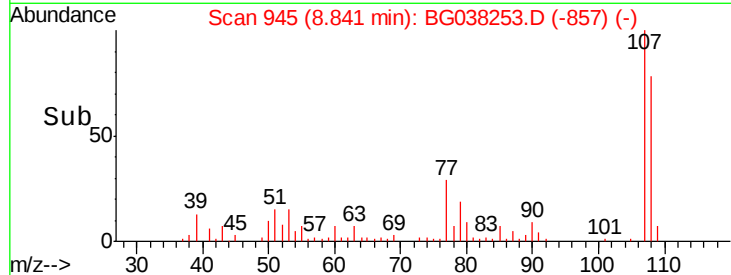
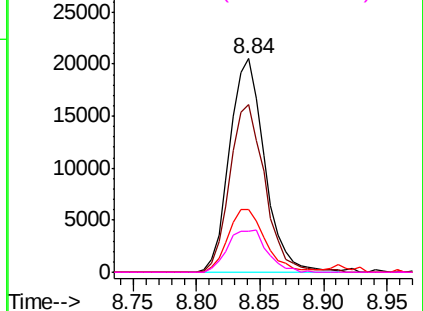
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

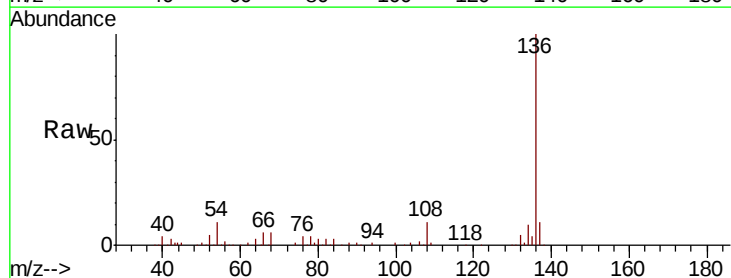
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038253.D
Acq: 30 Nov 2018 12:07

Tgt Ion:136	Resp:	162546
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.6 14.4
54	11.2	7.9 11.9
68	5.7	4.8 7.2



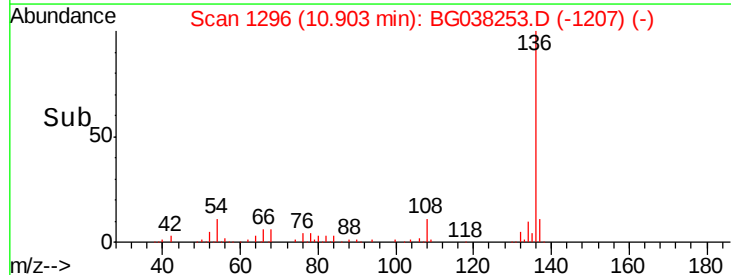
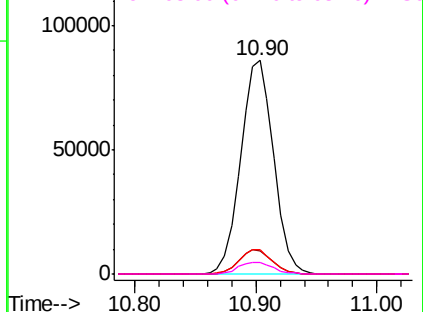
Abundance

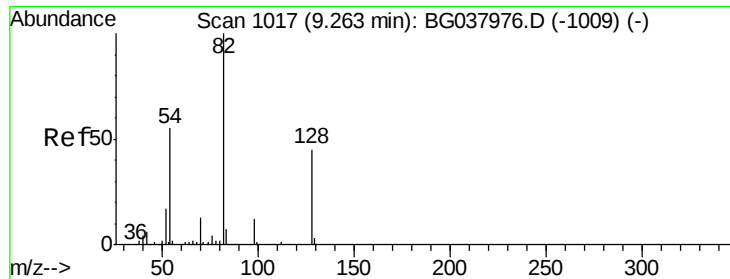
Ion 136.00 (135.70 to 136.70): E

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

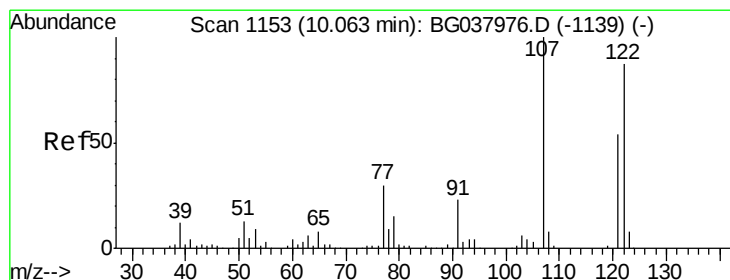
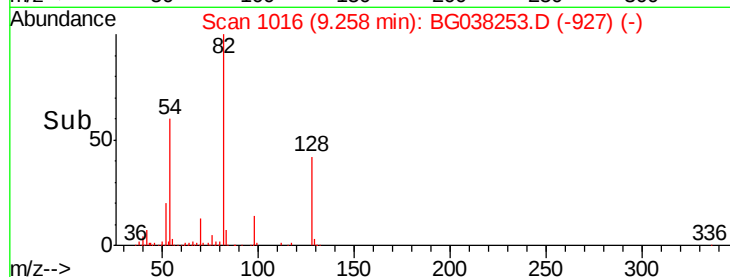
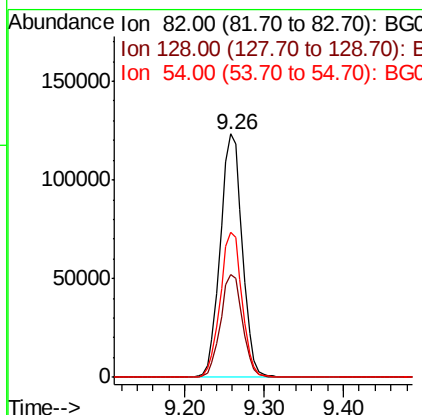
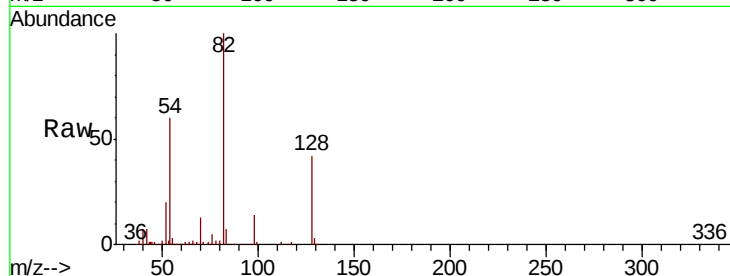




#23
Nitrobenzene-d5
Concen: 78.074 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG038253.D
Acq: 30 Nov 2018 12:07

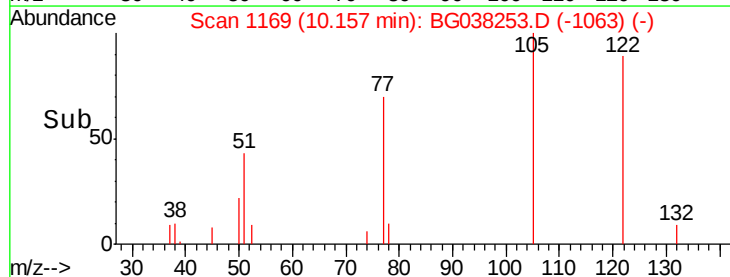
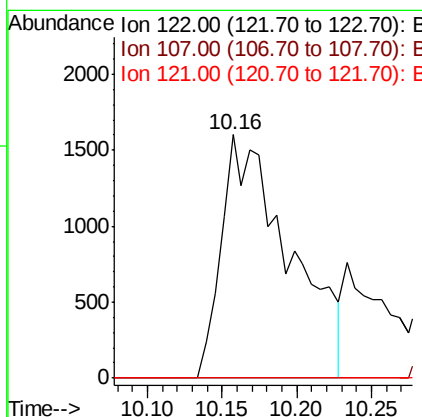
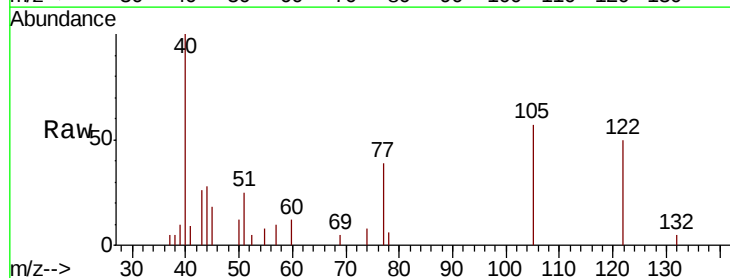
Instrument :
BNA_G
ClientSampleId :
OWS-2

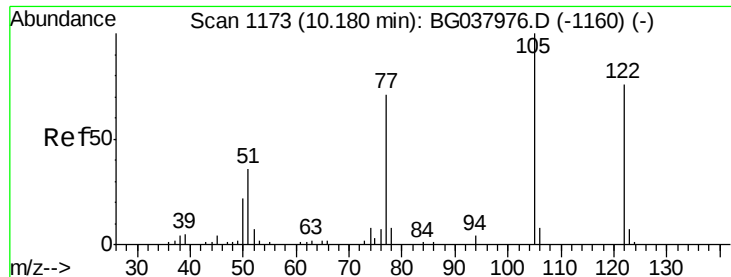
Tot Ion	82	Resp	237073
Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.6	51.8
54	59.8	45.3	67.9



#27
2,4-Dimethylphenol
Concen: 2.166 ng
RT: 10.16 min Scan# 1169
Delta R.T. 0.09 min
Lab File: BG038253.D
Acq: 30 Nov 2018 12:07

Tgt Ion	122	Resp	5061
Ion	Ratio	Lower	Upper
122	100		
107	0.0	94.2	141.2#
121	0.0	47.3	70.9#





#32

Benzoic acid

Concen: 14.833 ng

RT: 10.16 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BG038253.D

Acq: 30 Nov 2018 12:07

Instrument :

BNA_G

ClientSampleId :

OWS-2

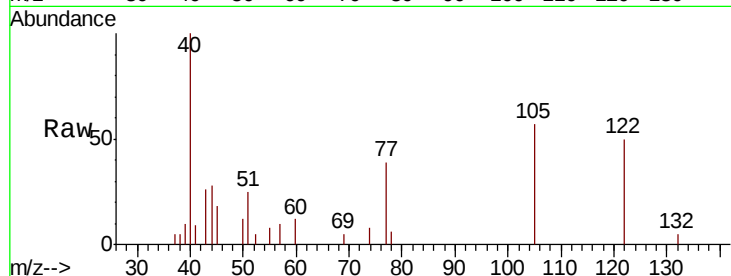
Tot Ion:122 Resp: 5061

Ion Ratio Lower Upper

122 100

105 112.3 106.7 146.7

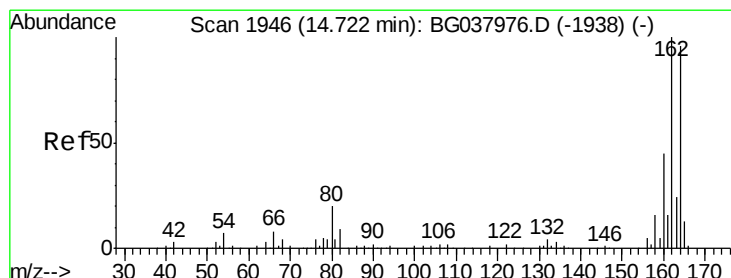
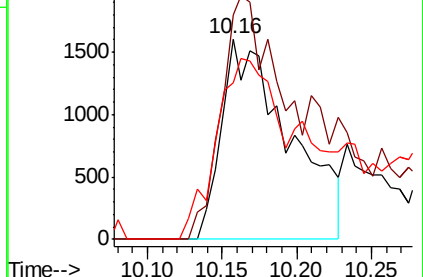
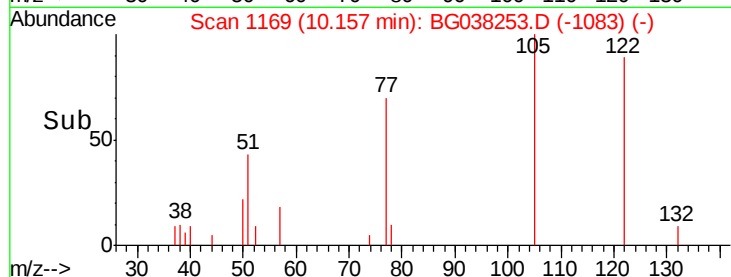
77 78.4 72.2 112.2



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: BG038253.D

Acq: 30 Nov 2018 12:07

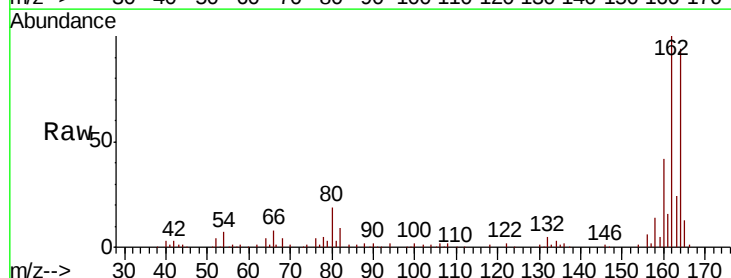
Tgt Ion:164 Resp: 102385

Ion Ratio Lower Upper

164 100

162 106.0 81.3 121.9

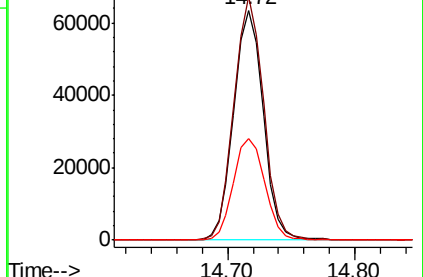
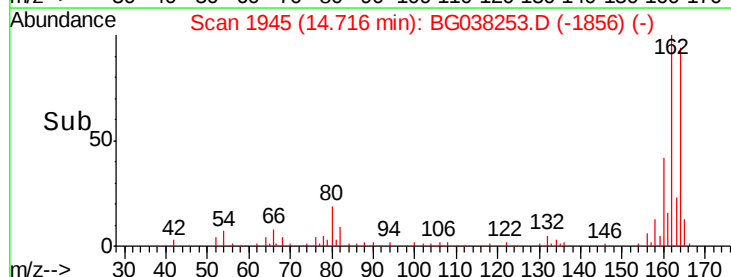
160 44.3 36.3 54.5

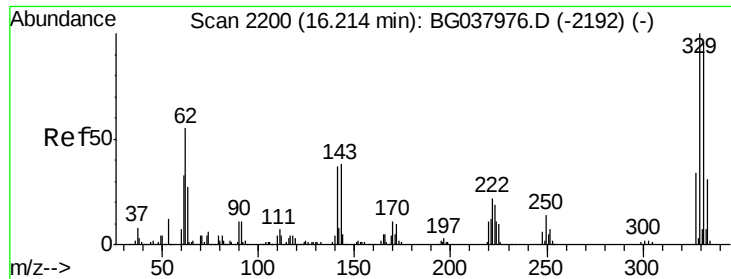


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

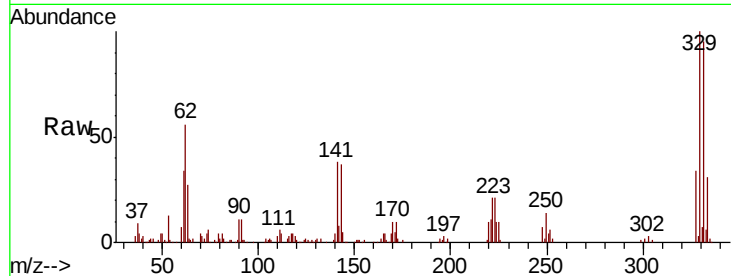




#42
 2,4,6-Tribromophenol
 Concen: 93.713 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038253.D
 Acq: 30 Nov 2018 12:07

Instrument :
 BNA_G
 ClientSampleId :
 OWS-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.6	78.4	117.6
141	41.1	32.2	48.2

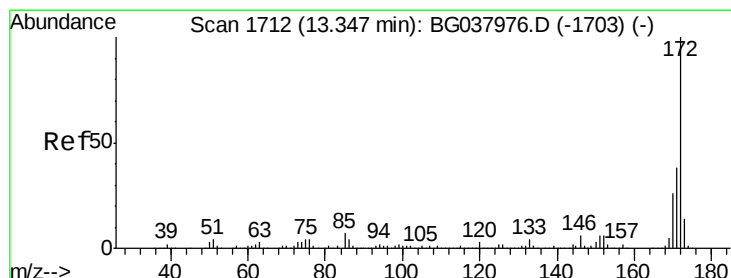
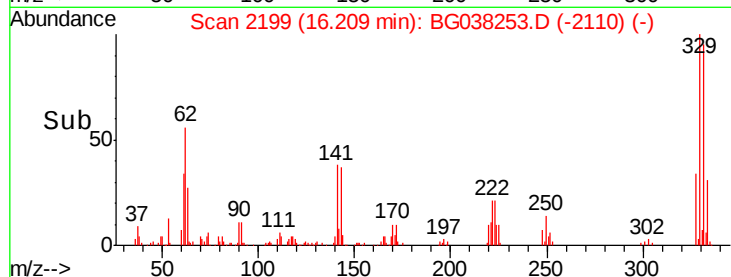
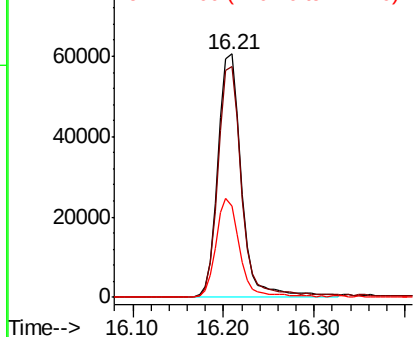


Abundance

Ion 329.80 (329.50 to 330.50): E

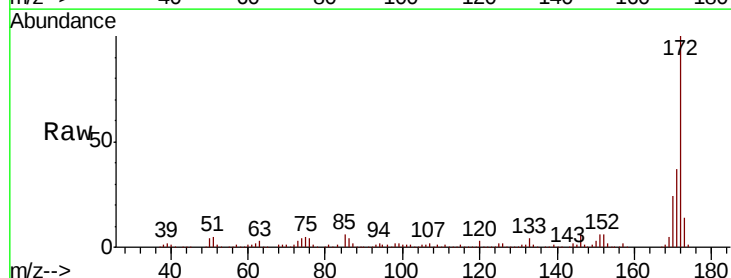
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 69.424 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038253.D
 Acq: 30 Nov 2018 12:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.0	46.4
170	23.9	20.2	30.2

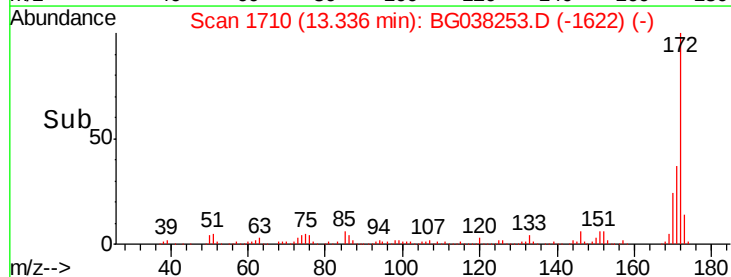
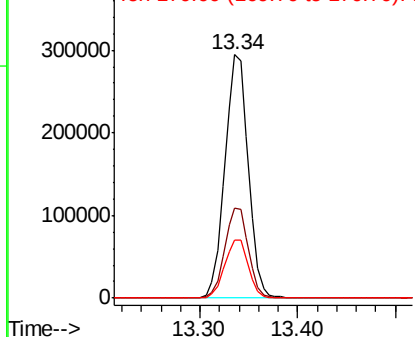


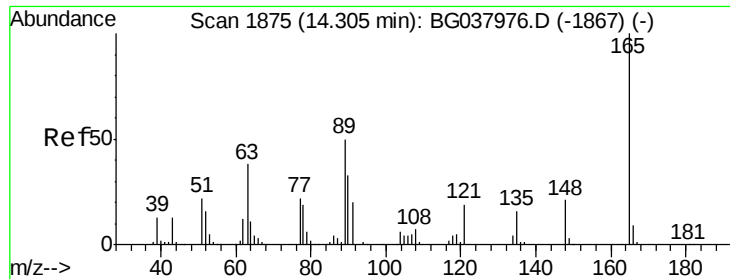
Abundance

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

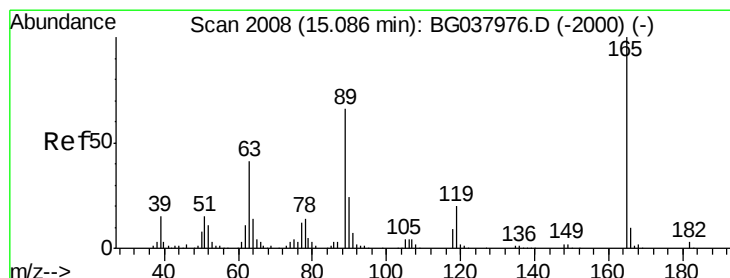
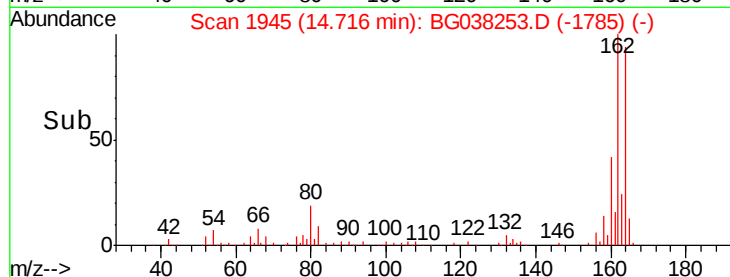
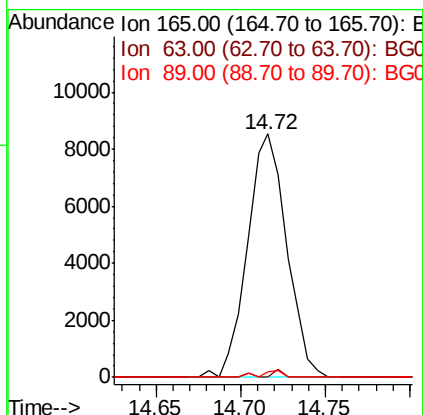
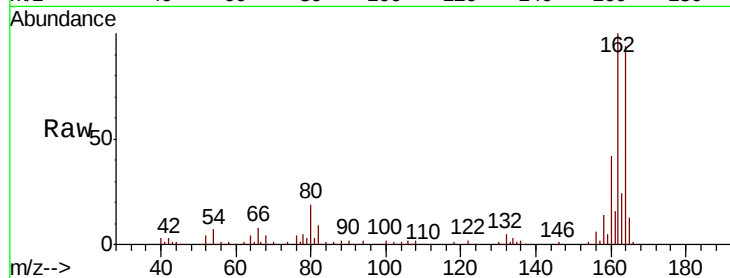




#51
 2,6-Dinitrotoluene
 Concen: 7.498 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038253.D
 Acq: 30 Nov 2018 12:07

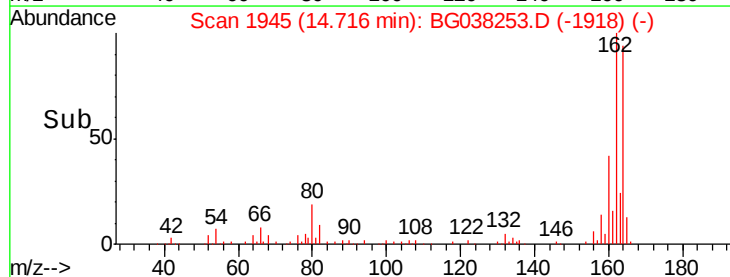
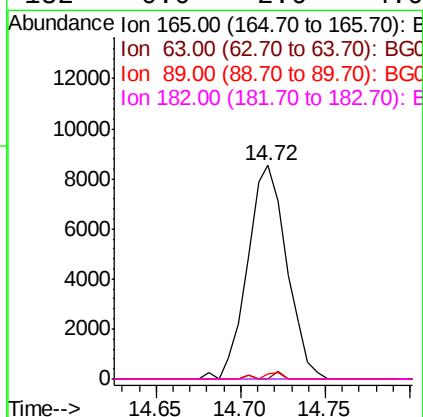
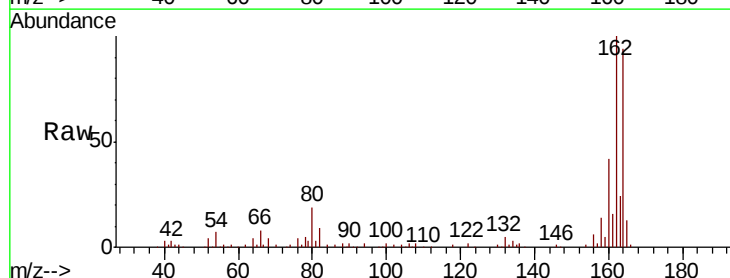
Instrument :
 BNA_G
 ClientSampled :
 OWS-2

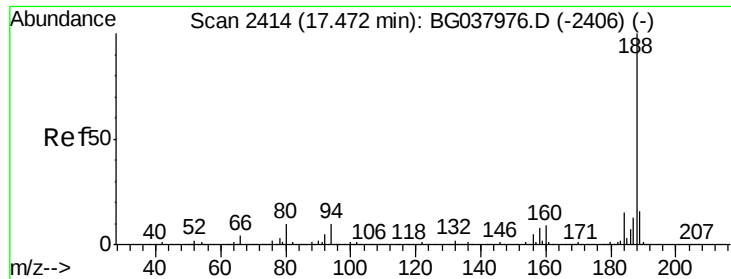
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	2.2	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.511 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038253.D
 Acq: 30 Nov 2018 12:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.2	57.2	85.8#
182	0.0	2.6	4.0#

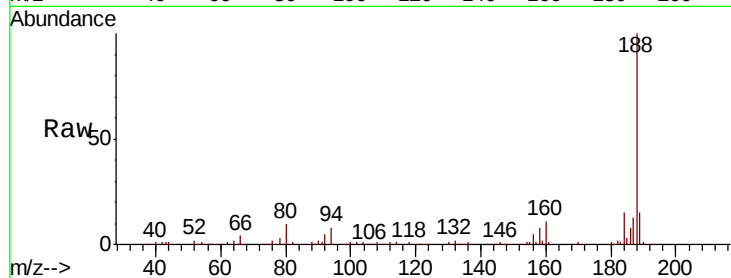




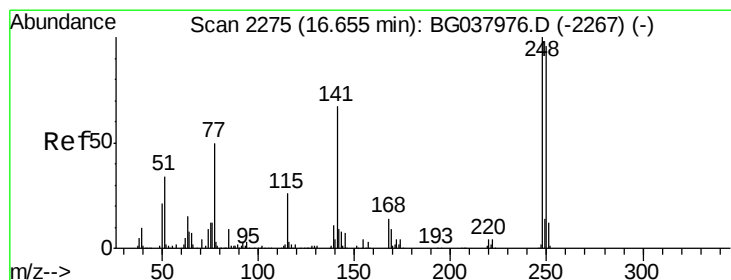
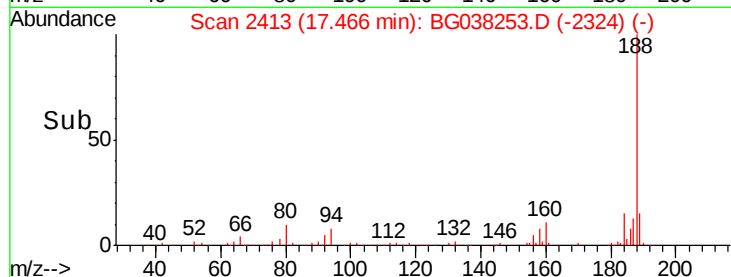
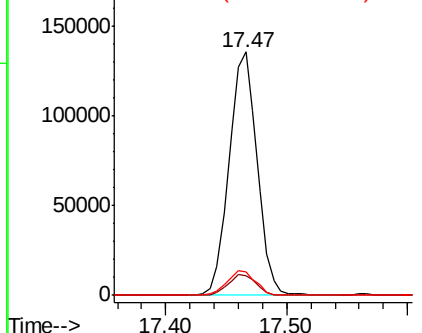
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038253.D
 Acq: 30 Nov 2018 12:07

Instrument :
 BNA_G
 ClientSampleId :
 OWS-2

Tot Ion:188 Resp: 219321
 Ion Ratio Lower Upper
 188 100
 94 7.9 7.2 10.8
 80 9.6 7.7 11.5

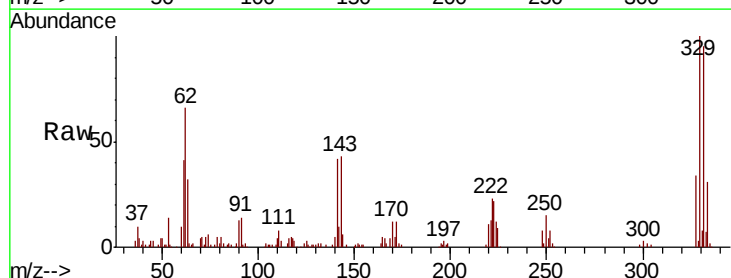


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

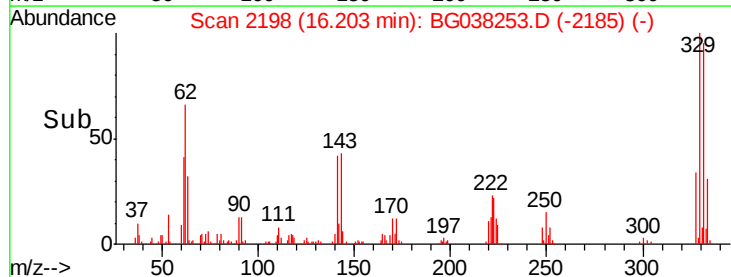
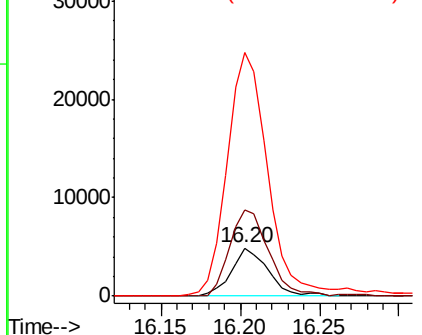


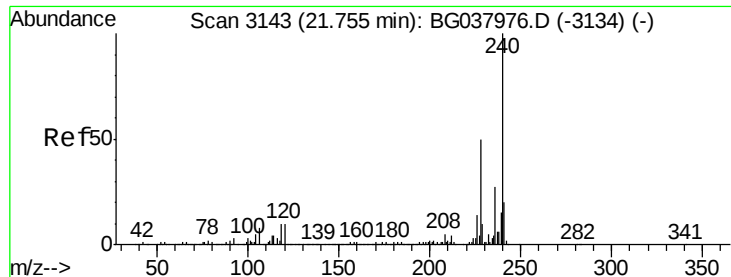
#67
 4-Bromophenyl-phenylether
 Concen: 3.268 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.45 min
 Lab File: BG038253.D
 Acq: 30 Nov 2018 12:07

Tgt Ion:248 Resp: 7866
 Ion Ratio Lower Upper
 248 100
 250 182.0 77.0 115.6#
 141 404.0 55.5 83.3#



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038253.D

Acq: 30 Nov 2018 12:07

Instrument :

BNA_G

ClientSampleId :

OWS-2

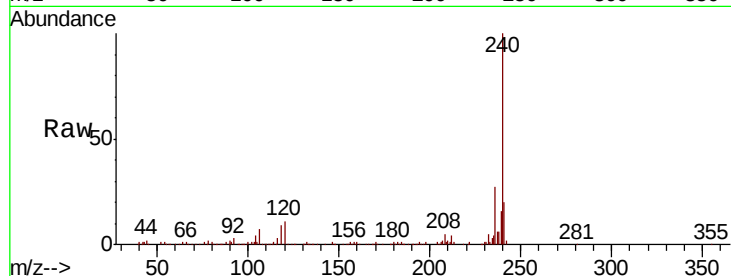
Tot Ion:240 Resp: 213472

Ion Ratio Lower Upper

240 100

120 10.8 8.1 12.1

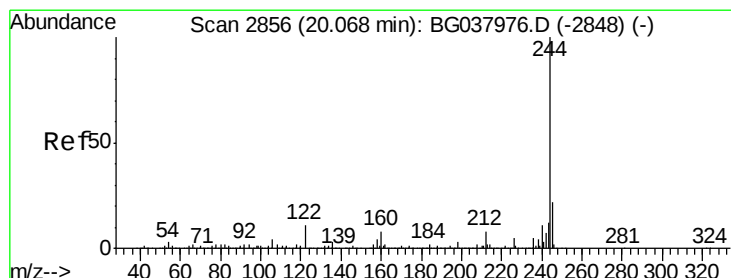
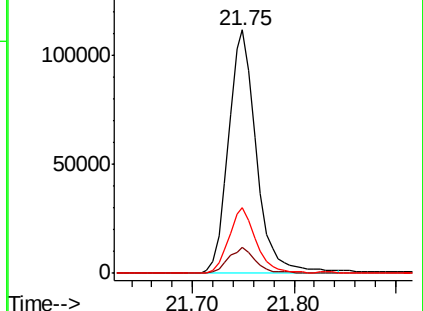
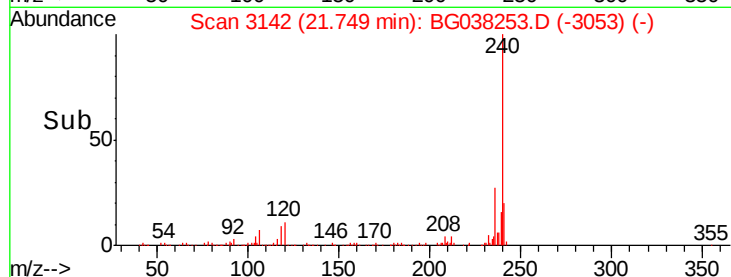
236 26.9 21.4 32.0



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: 90.065 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG038253.D

Acq: 30 Nov 2018 12:07

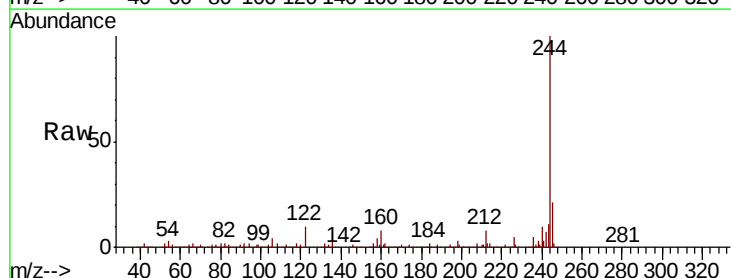
Tgt Ion:244 Resp: 817097

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

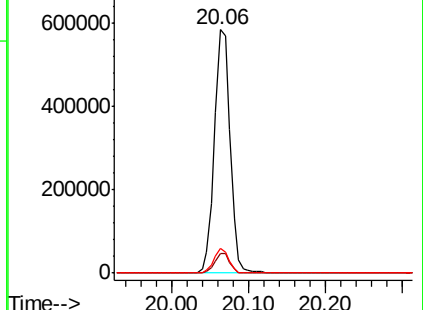
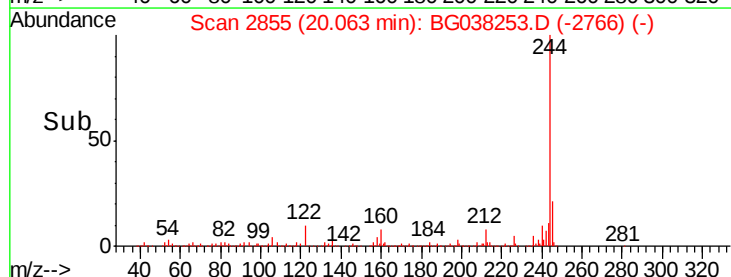
122 9.9 9.0 13.4

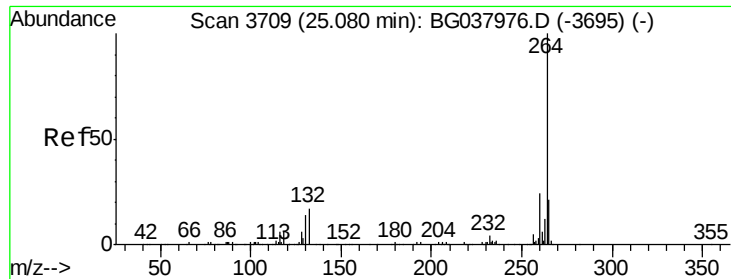


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3707
 Delta R.T. -0.01 min
 Lab File: BG038253.D
 Acq: 30 Nov 2018 12:07

Instrument :
 BNA_G
 ClientSampleId :
 OWS-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	22.8	17.9	26.9

