

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112519\
 Data File : BG043776.D
 Acq On : 25 Nov 2019 19:31
 Operator : JU
 Sample : K5948-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BSW-1-0-12

Quant Time: Nov 26 00:26:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 23 00:54:00 2019
 Response via : Initial Calibration

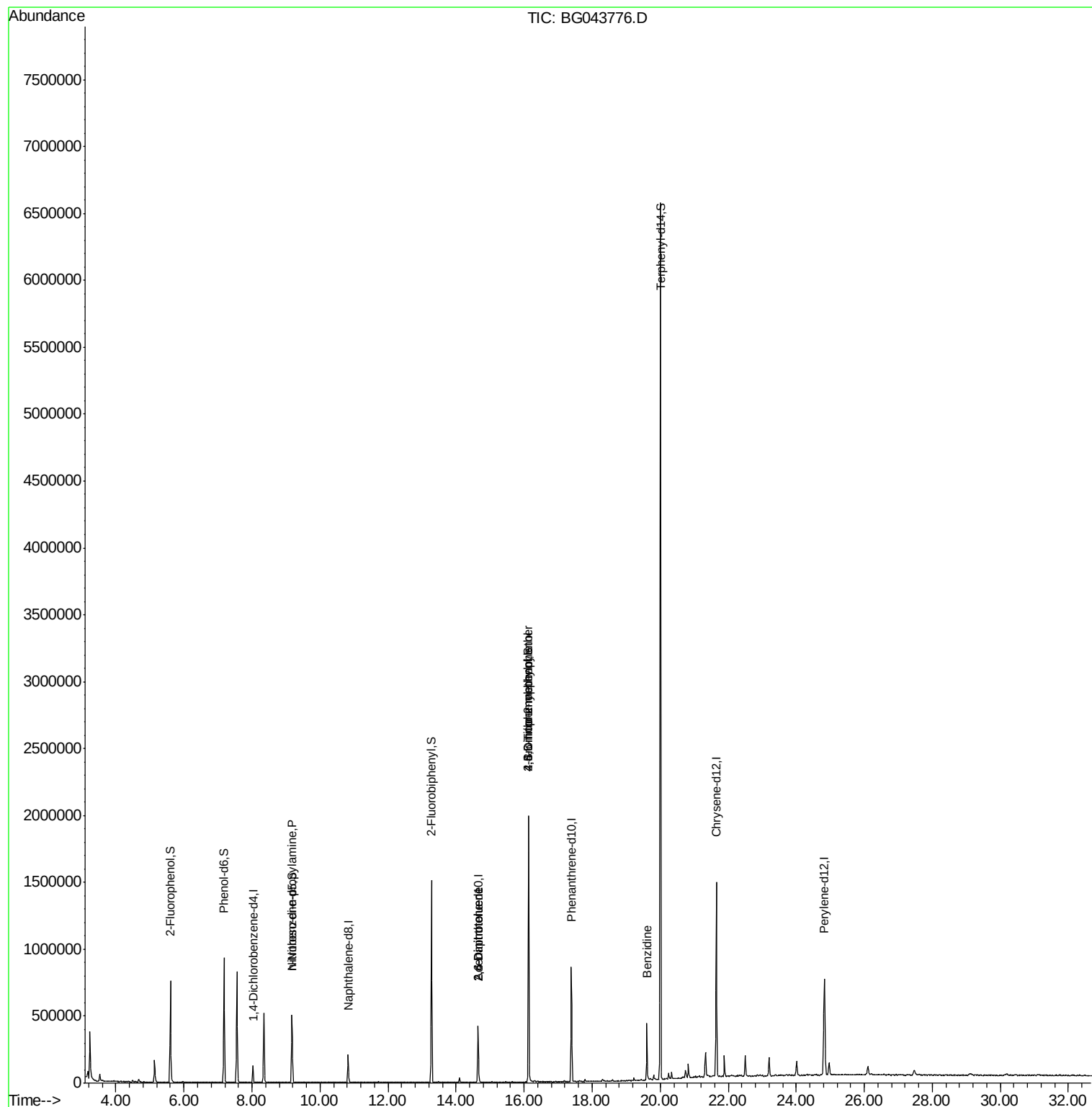
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	37741	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	180236	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	154822	20.00	ng	-0.01
64) Phenanthrene-d10	17.39	188	549752	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	815740	20.00	ng	-0.02
87) Perylene-d12	24.83	264	754144	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	382018	181.97	ng	0.00
7) Phenol-d6	7.18	99	566423	185.61	ng	0.00
23) Nitrobenzene-d5	9.18	82	308935	94.24	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	341542	182.90	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	808857	85.88	ng	-0.01
79) Terphenyl-d14	20.01	244	2768673	76.69	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	40123	16.719	ng	# 76
51) 2,6-Dinitrotoluene	14.65	165	20832	9.147	ng	# 26
57) 2,4-Dinitrotoluene	14.65	165	20832	6.595	ng	# 24
60) Diethylphthalate	15.47	149	1922	Below Cal	#	86
65) 4,6-Dinitro-2-methylphenol	16.13	198	1123	4.730	ng	# 1
67) 4-Bromophenyl-phenylether	16.13	248	26621	4.592	ng	# 1
73) Carbazole	17.78	167	2240	Below Cal		99
77) Benzidine	19.61	184	250023	10.492	ng	99

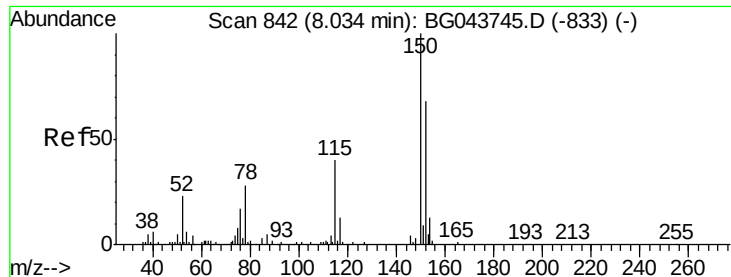
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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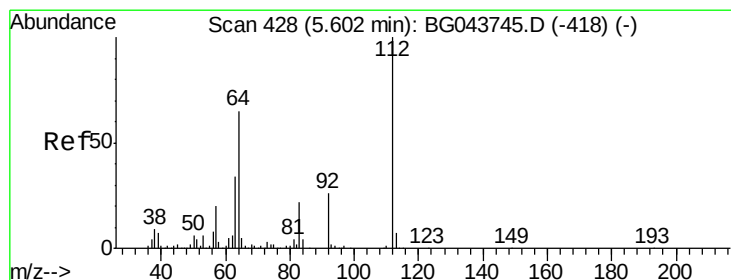
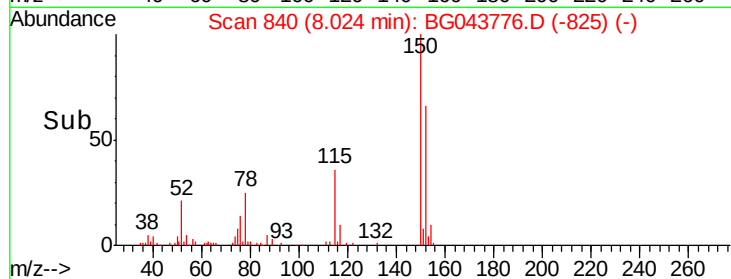
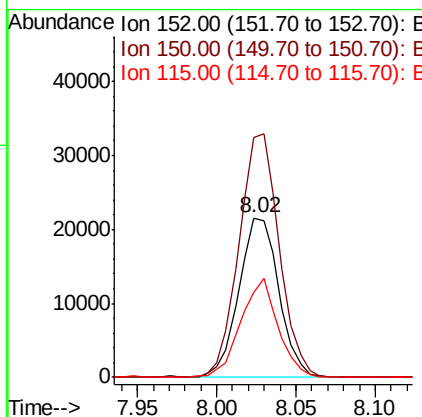
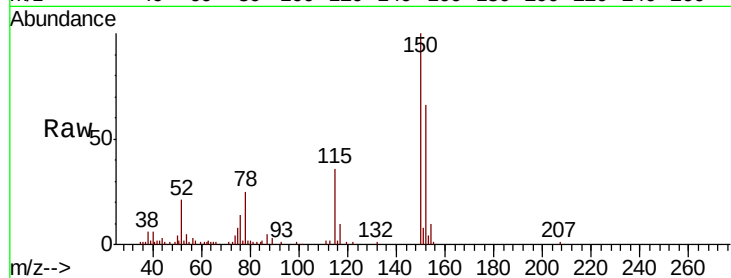


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG043776.D
Acq: 25 Nov 2019 19:31

Instrument :
BNA_G
ClientSampleId :
BSW-1-0-12

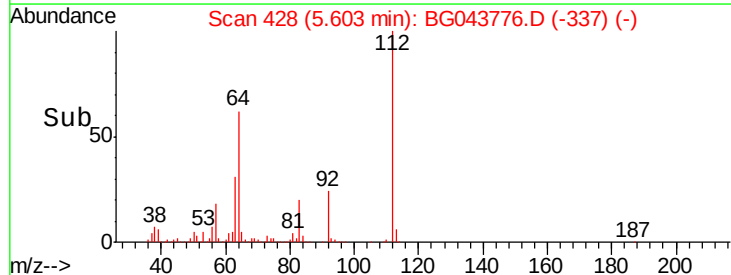
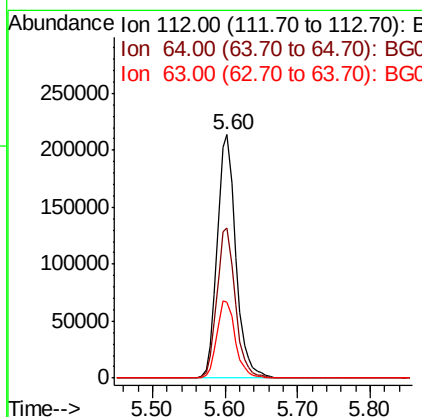
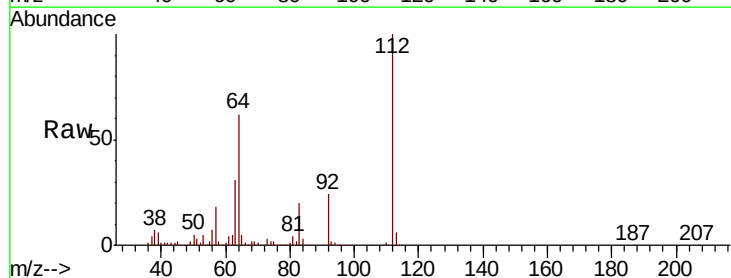
Tot Ion	152	Resp	37741
Ion Ratio	Lower	Upper	
152	100		
150	151.0	117.8	176.8
115	53.6	47.0	70.4

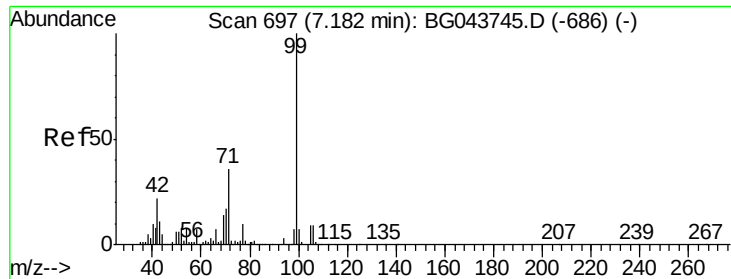


#5

2-Fluorophenol
Concen: 181.973 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG043776.D
Acq: 25 Nov 2019 19:31

Tgt Ion	112	Resp	382018
Ion Ratio	Lower	Upper	
112	100		
64	61.6	51.7	77.5
63	31.3	26.8	40.2





#7

Phenol-d6

Concen: 185.609 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG043776.D

Acq: 25 Nov 2019 19:31

Instrument :

BNA_G

ClientSampleId :

BSW-1-0-12

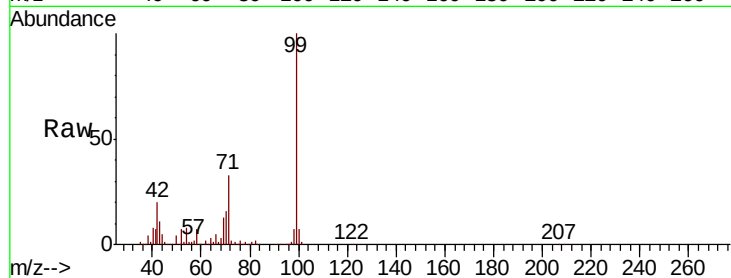
Tot Ion: 99 Resp: 566423

Ion Ratio Lower Upper

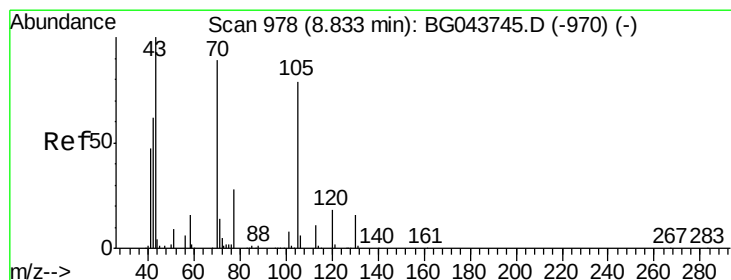
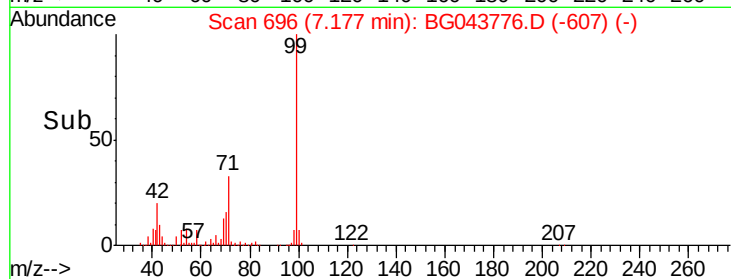
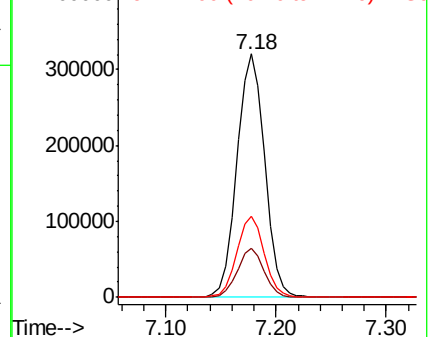
99 100

42 20.2 17.4 26.0

71 33.5 29.5 44.3



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: 16.719 ng

RT: 9.18 min Scan# 1036

Delta R.T. 0.34 min

Lab File: BG043776.D

Acq: 25 Nov 2019 19:31

Tgt Ion: 70 Resp: 40123

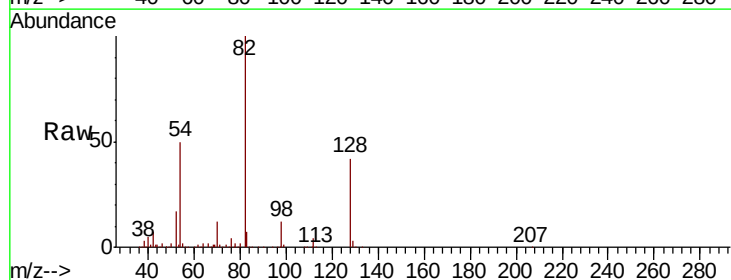
Ion Ratio Lower Upper

70 100

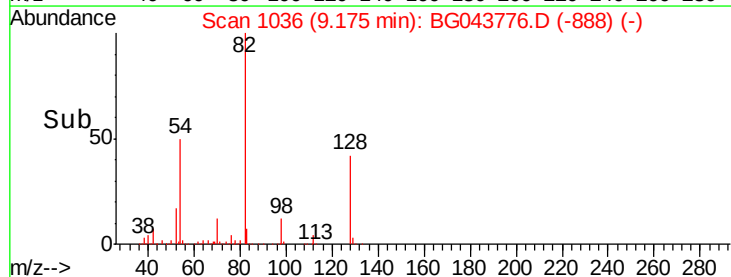
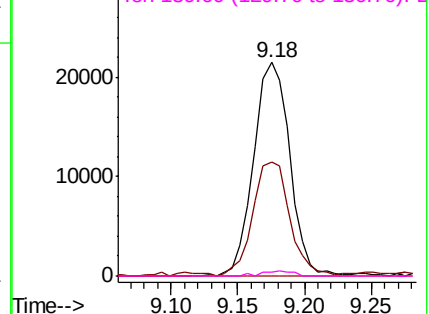
42 53.5 56.4 84.6#

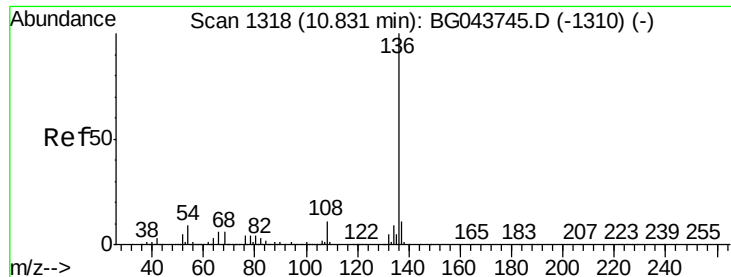
101 0.0 6.7 10.1#

130 2.0 14.7 22.1#



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

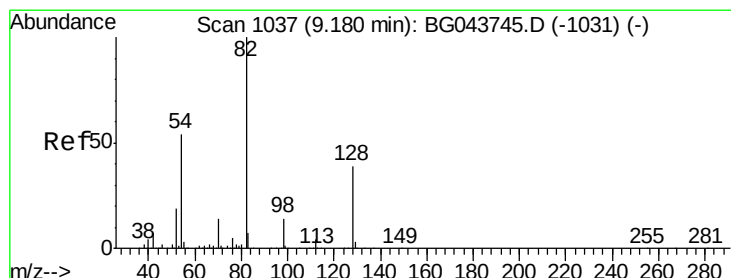
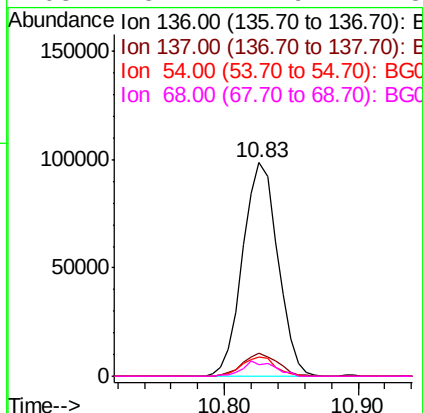
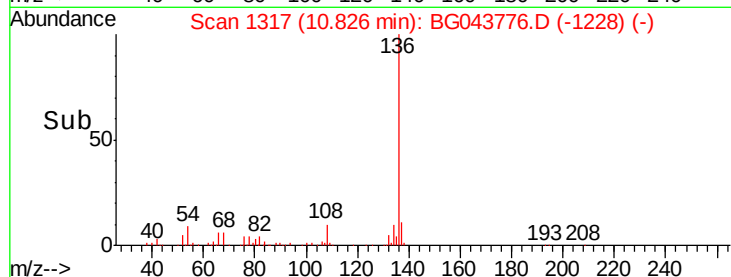
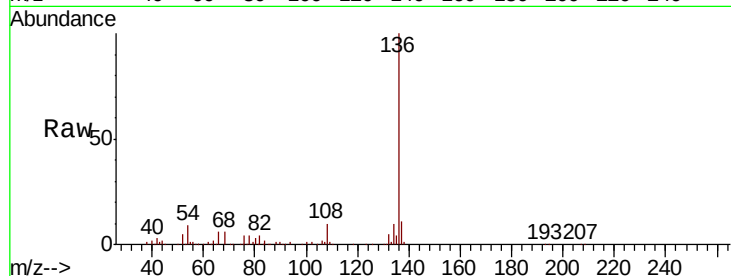




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043776.D
Acq: 25 Nov 2019 19:31

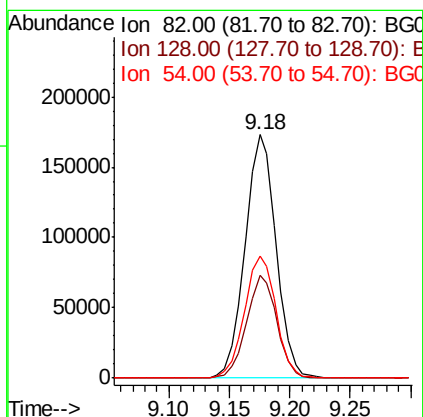
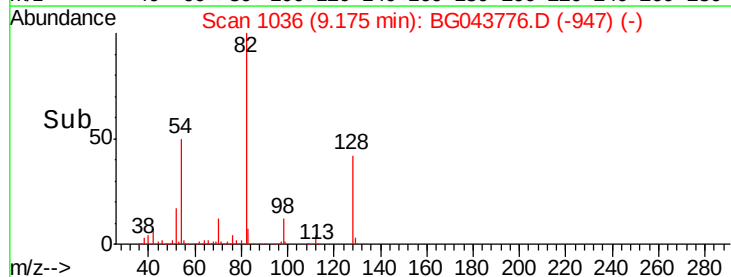
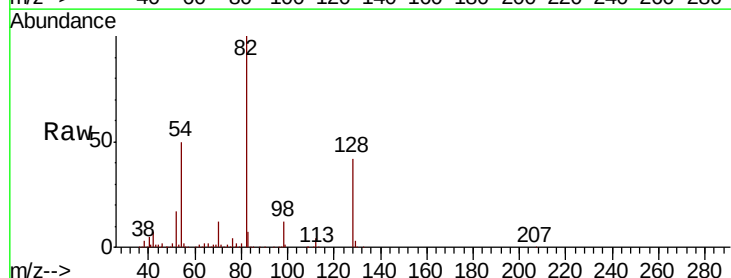
Instrument :
BNA_G
ClientSampleId :
BSW-1-0-12

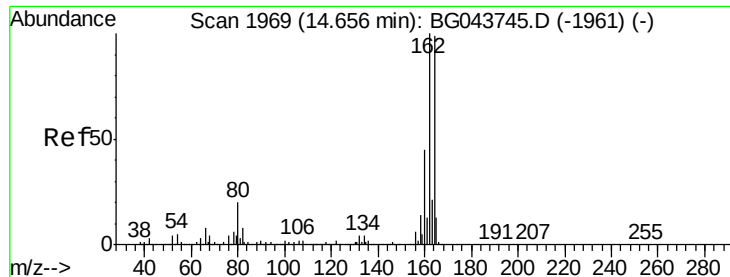
Tot Ion:136	Resp:	180236
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.8	13.2
54 8.7	7.5	11.3
68 5.7	4.9	7.3



#23
Nitrobenzene-d5
Concen: 94.243 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043776.D
Acq: 25 Nov 2019 19:31

Tgt Ion: 82	Resp: 308935
Ion Ratio	Lower Upper
82 100	
128 42.2	31.3 46.9
54 50.0	42.7 64.1

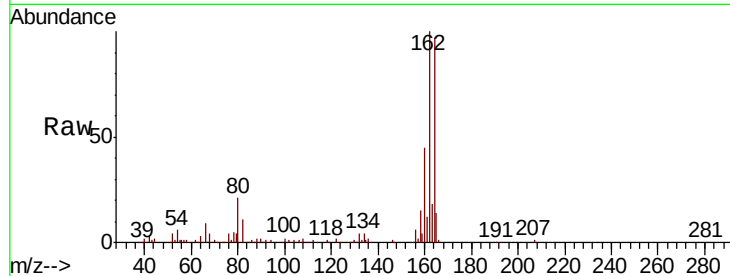




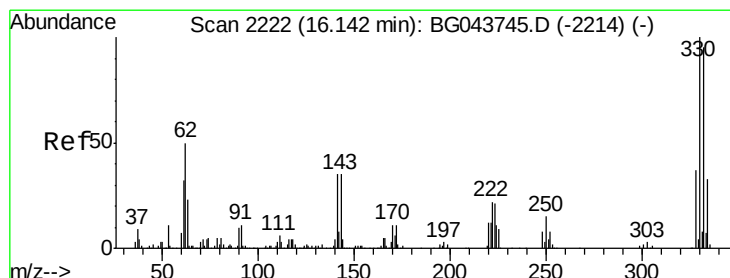
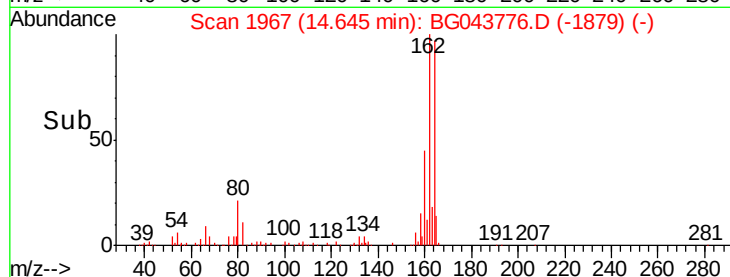
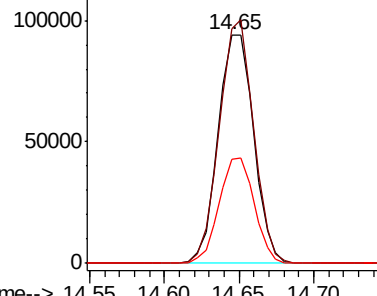
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG043776.D
Acq: 25 Nov 2019 19:31

Instrument :
BNA_G
ClientSampleId :
BSW-1-0-12

Tot Ion:164 Resp: 154822
Ion Ratio Lower Upper
164 100
162 102.7 80.6 121.0
160 45.8 36.3 54.5

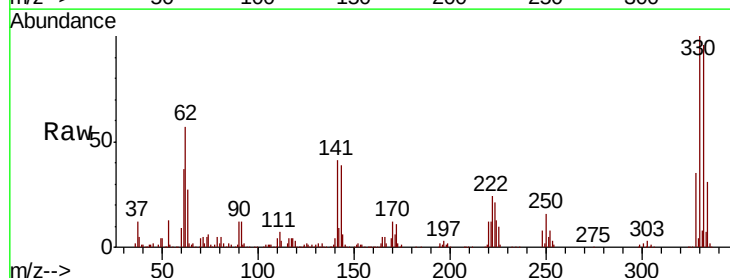


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

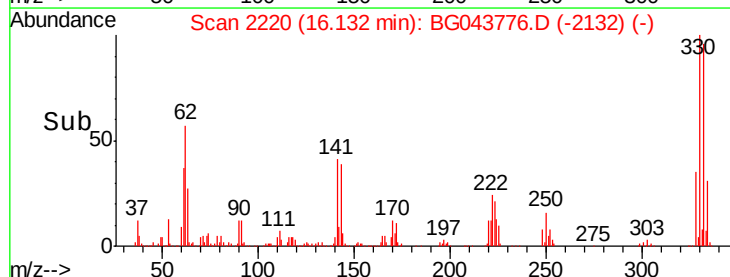
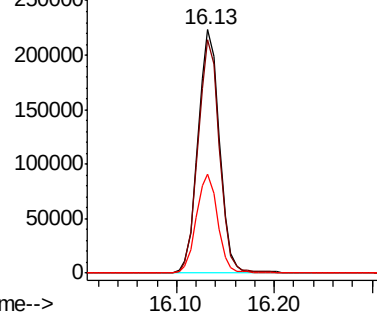


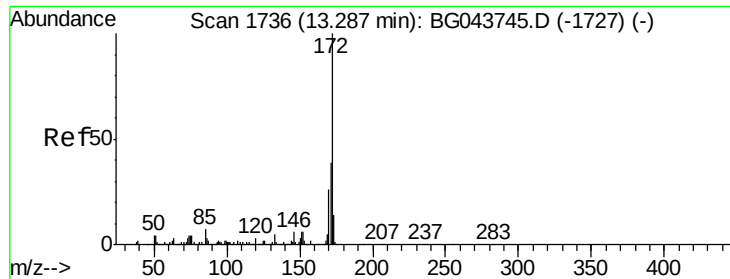
#42
2,4,6-Tribromophenol
Concen: 182.898 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BG043776.D
Acq: 25 Nov 2019 19:31

Tgt Ion:330 Resp: 341542
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 40.5 31.4 47.2



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

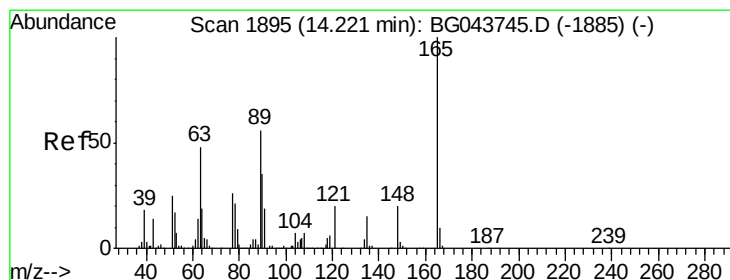
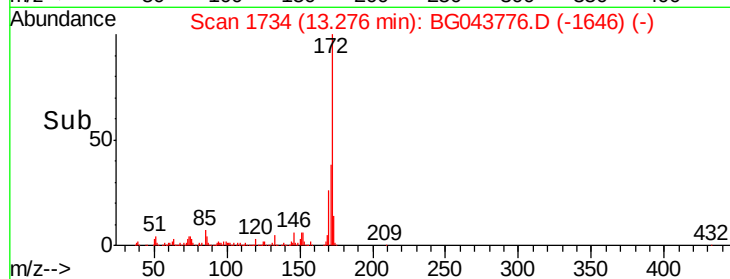
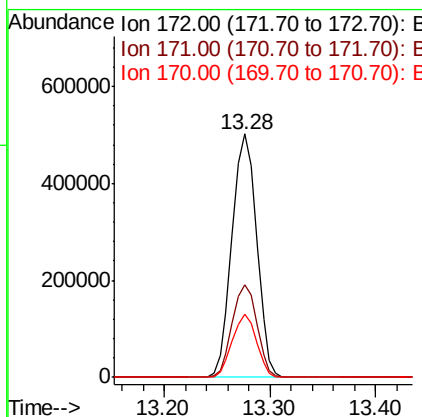
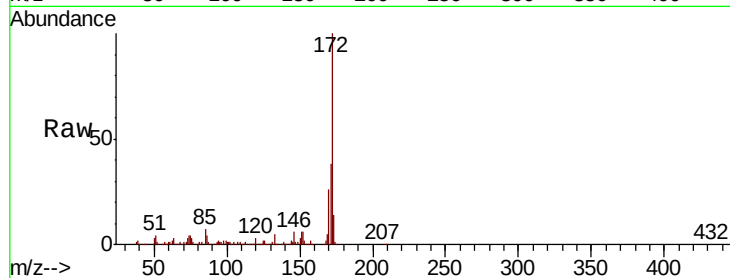




#45
2-Fluorobiphenyl
Concen: 85.879 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG043776.D
Acq: 25 Nov 2019 19:31

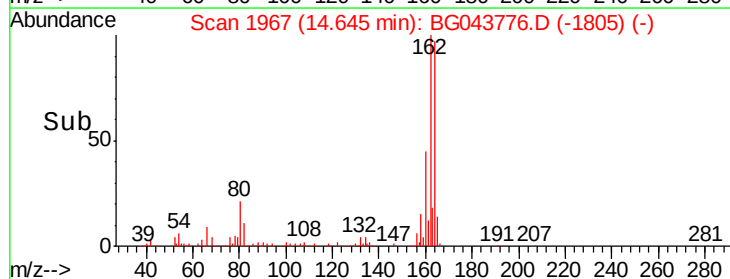
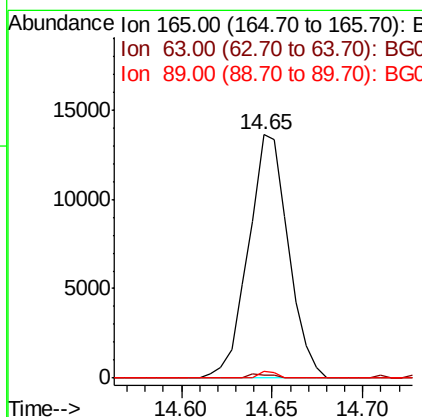
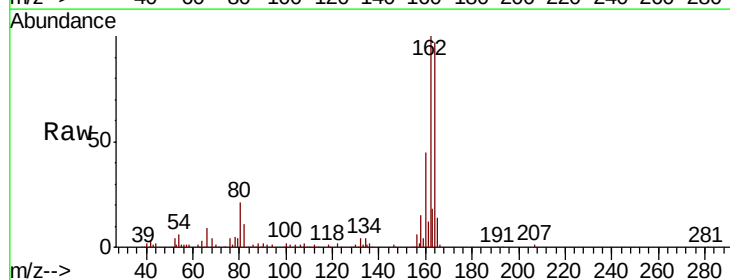
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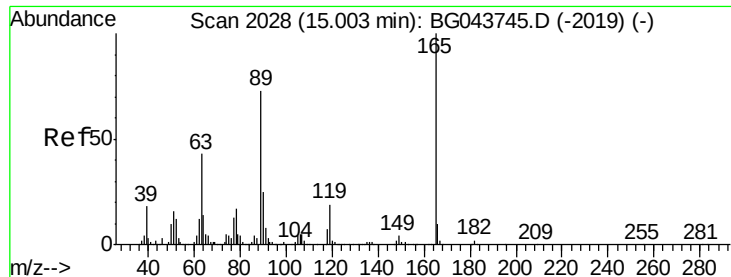
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.6
170	26.0	21.0	31.4



#51
2,6-Dinitrotoluene
Concen: 9.147 ng
RT: 14.65 min Scan# 1967
Delta R.T. 0.42 min
Lab File: BG043776.D
Acq: 25 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.4	65.2#
89	2.6	44.6	67.0#

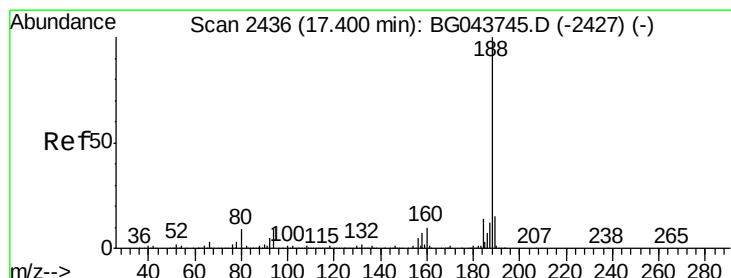
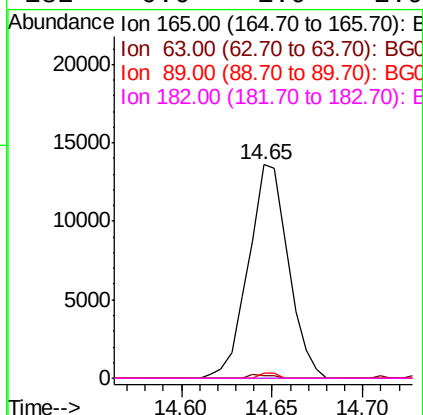
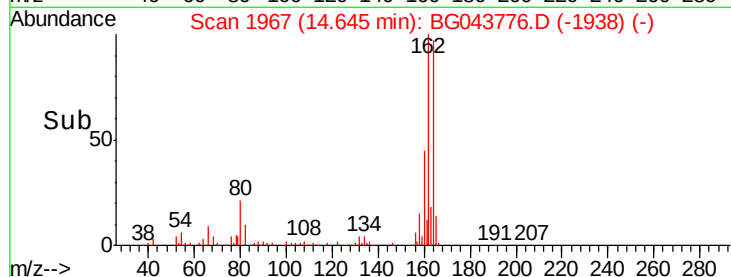
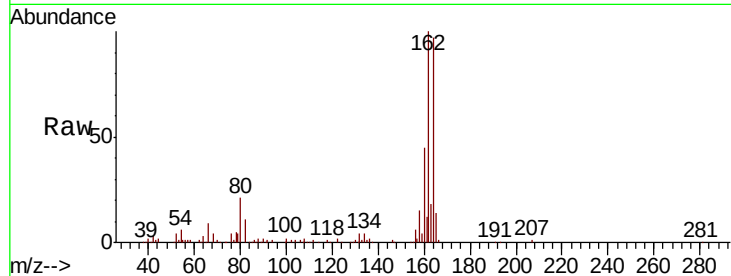




#57
 2,4-Dinitrotoluene
 Concen: 6.595 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.36 min
 Lab File: BG043776.D
 Acq: 25 Nov 2019 19:31

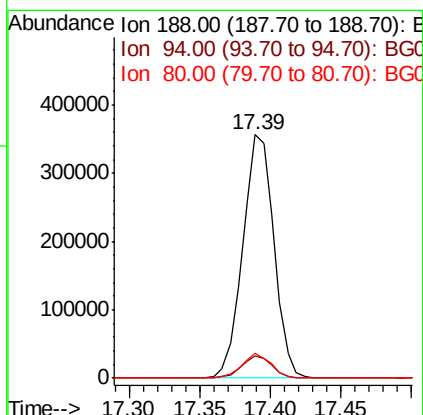
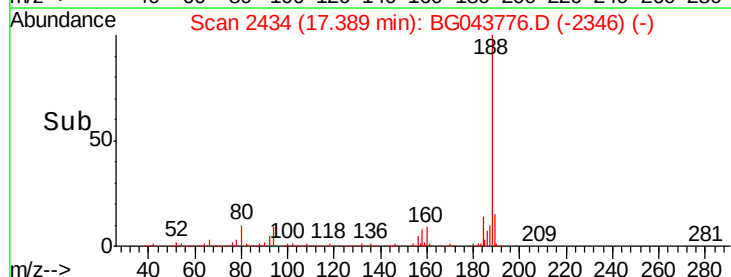
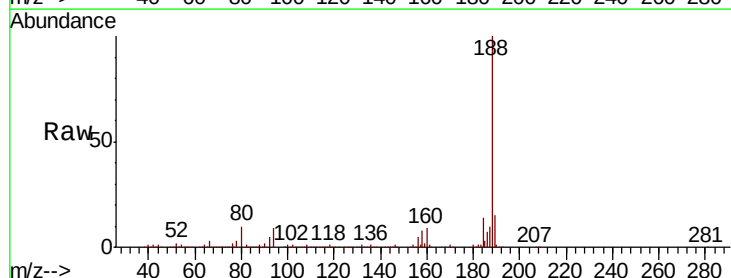
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 BSW-1-0-12

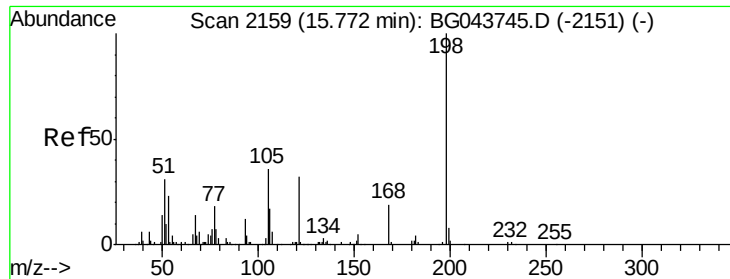
Tot Ion:165	Resp:	20832
Ion Ratio	Lower	Upper
165	100	
63	1.2	34.6 51.8#
89	2.6	58.3 87.5#
182	0.0	1.9 2.9#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2434
 Delta R.T. -0.01 min
 Lab File: BG043776.D
 Acq: 25 Nov 2019 19:31

Tgt Ion:188	Resp:	549752
Ion Ratio	Lower	Upper
188	100	
94	9.1	6.9 10.3
80	9.9	7.5 11.3

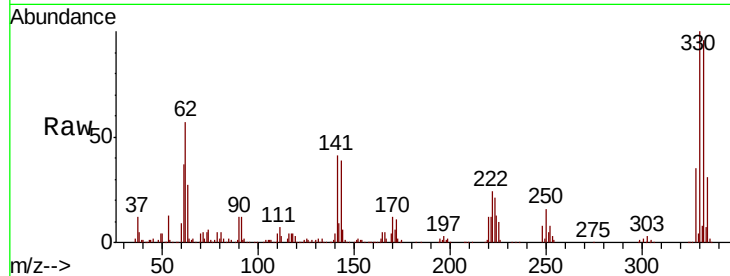




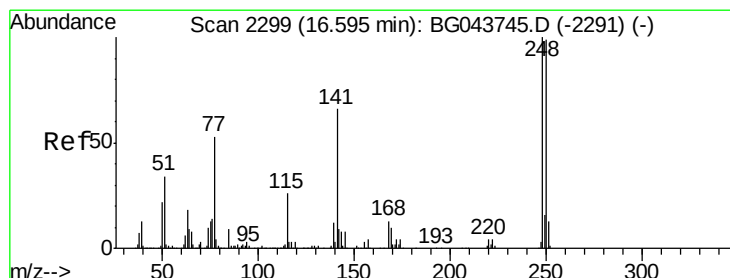
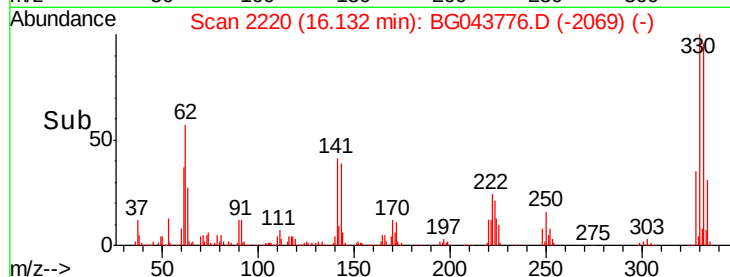
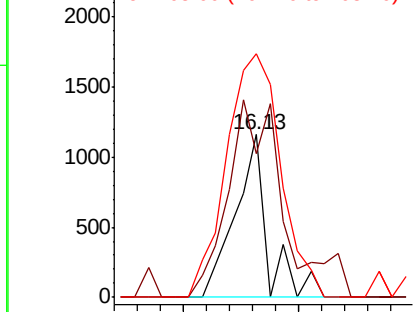
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.730 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. 0.36 min
 Lab File: BG043776.D
 Acq: 25 Nov 2019 19:31

Instrument :
 BNA_G
 ClientSampleId :
 BSW-1-0-12

Tot Ion:198 Resp: 1123
 Ion Ratio Lower Upper
 198 100
 51 88.8 16.8 56.8#
 105 149.7 17.3 57.3#

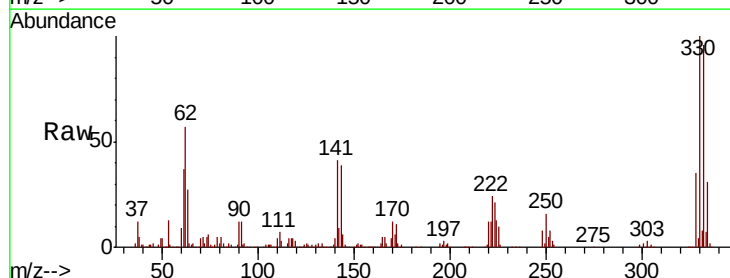


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

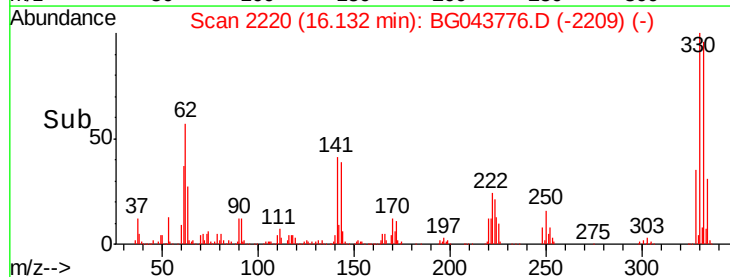
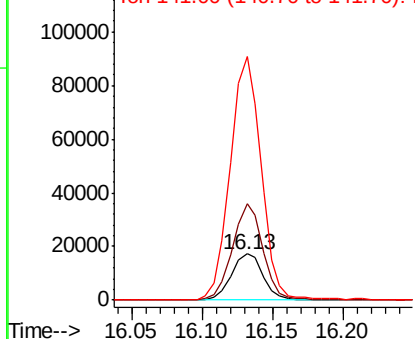


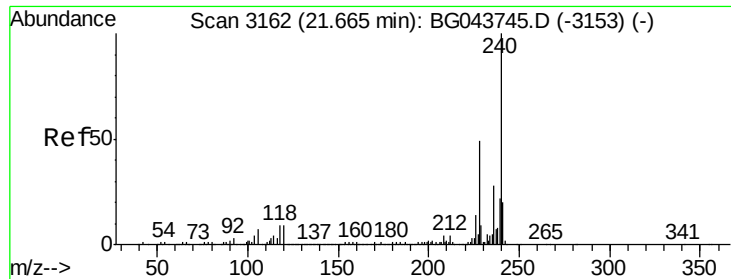
#67
 4-Bromophenyl-phenylether
 Concen: 4.592 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.46 min
 Lab File: BG043776.D
 Acq: 25 Nov 2019 19:31

Tgt Ion:248 Resp: 26621
 Ion Ratio Lower Upper
 248 100
 250 208.5 79.3 118.9#
 141 528.9 53.0 79.6#



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

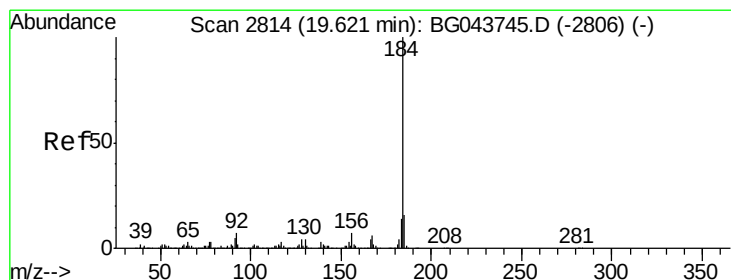
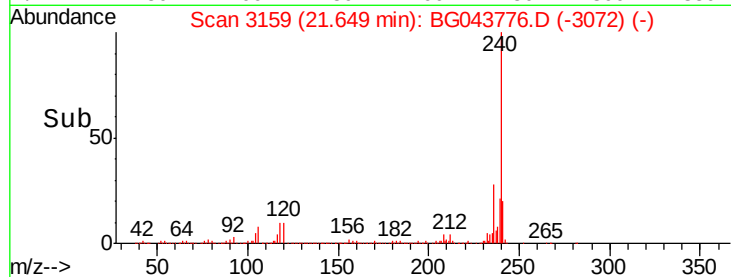
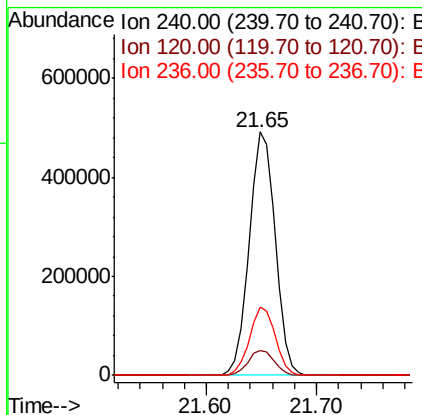
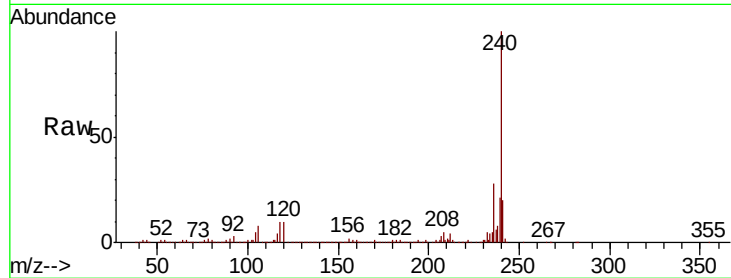




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.02 min
 Lab File: BG043776.D
 Acq: 25 Nov 2019 19:31

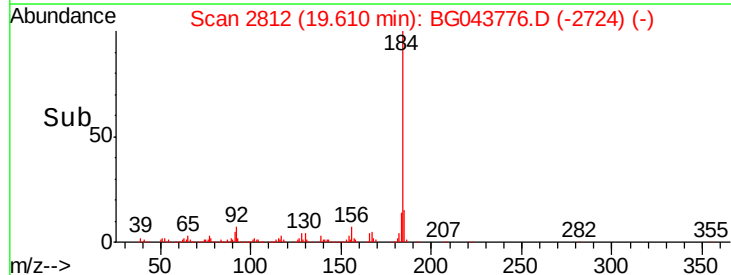
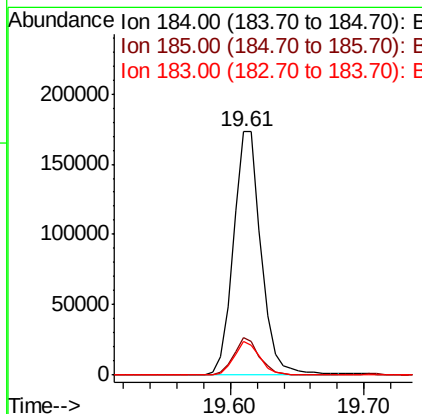
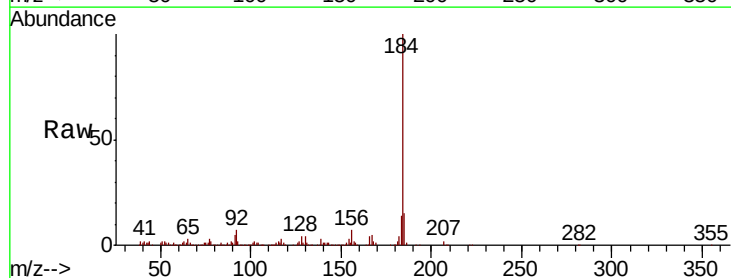
Instrument :
 BNA_G
 ClientSampleId :
 BSW-1-0-12

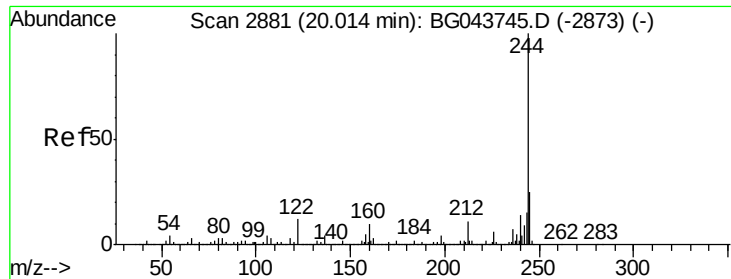
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	7.5	11.3
236	28.1	22.6	34.0



#77
 Benzidine
 Concen: 10.492 ng
 RT: 19.61 min Scan# 2812
 Delta R.T. -0.01 min
 Lab File: BG043776.D
 Acq: 25 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.8	19.2
183	13.6	11.3	16.9





#79

Terphenyl-d14

Concen: 76.693 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043776.D

Acq: 25 Nov 2019 19:31

Instrument :

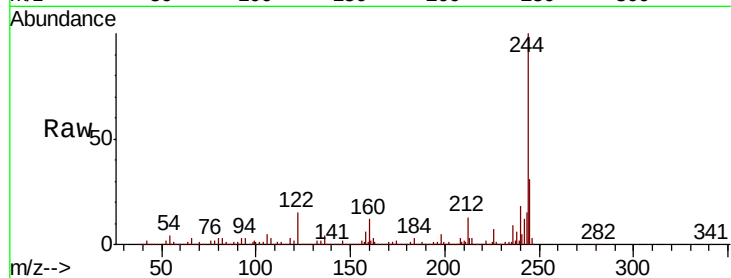
BNA_G

ClientSampleId :

BSW-1-0-12

Tot Ion:244 Resp: 2768673

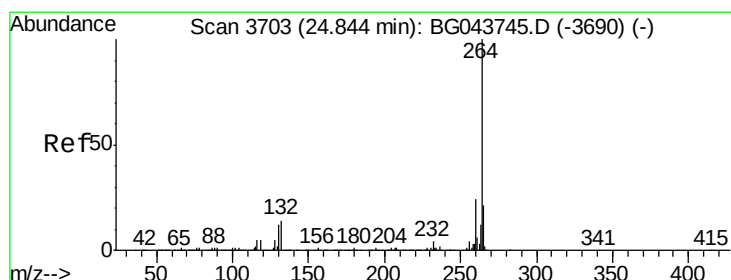
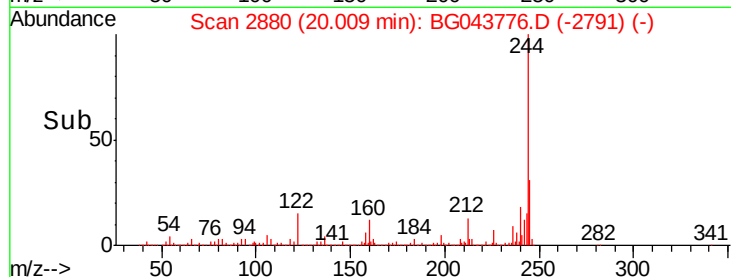
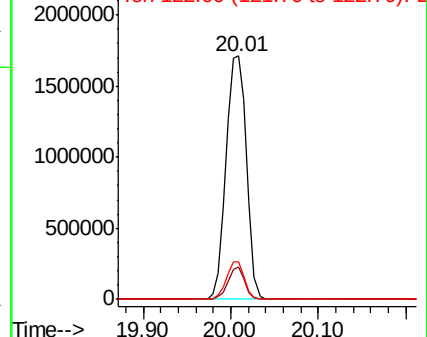
Ion	Ratio	Lower	Upper
244	100		
212	13.2	8.5	12.7#
122	15.2	9.5	14.3#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3700

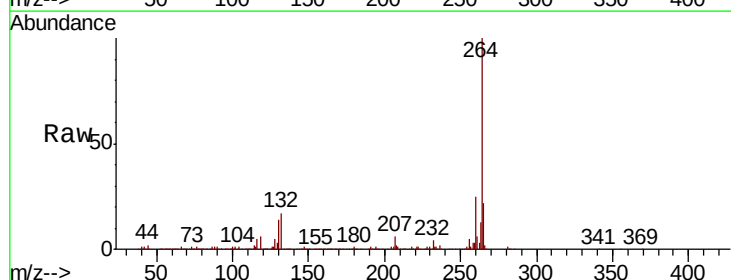
Delta R.T. -0.02 min

Lab File: BG043776.D

Acq: 25 Nov 2019 19:31

Tgt Ion:264 Resp: 754144

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	21.9	17.0	25.6



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

