

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101921\
 Data File : BG050638.D
 Acq On : 19 Oct 2021 17:09
 Operator : CG/JU
 Sample : M4253-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 133-134

Quant Time: Oct 20 04:47:22 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

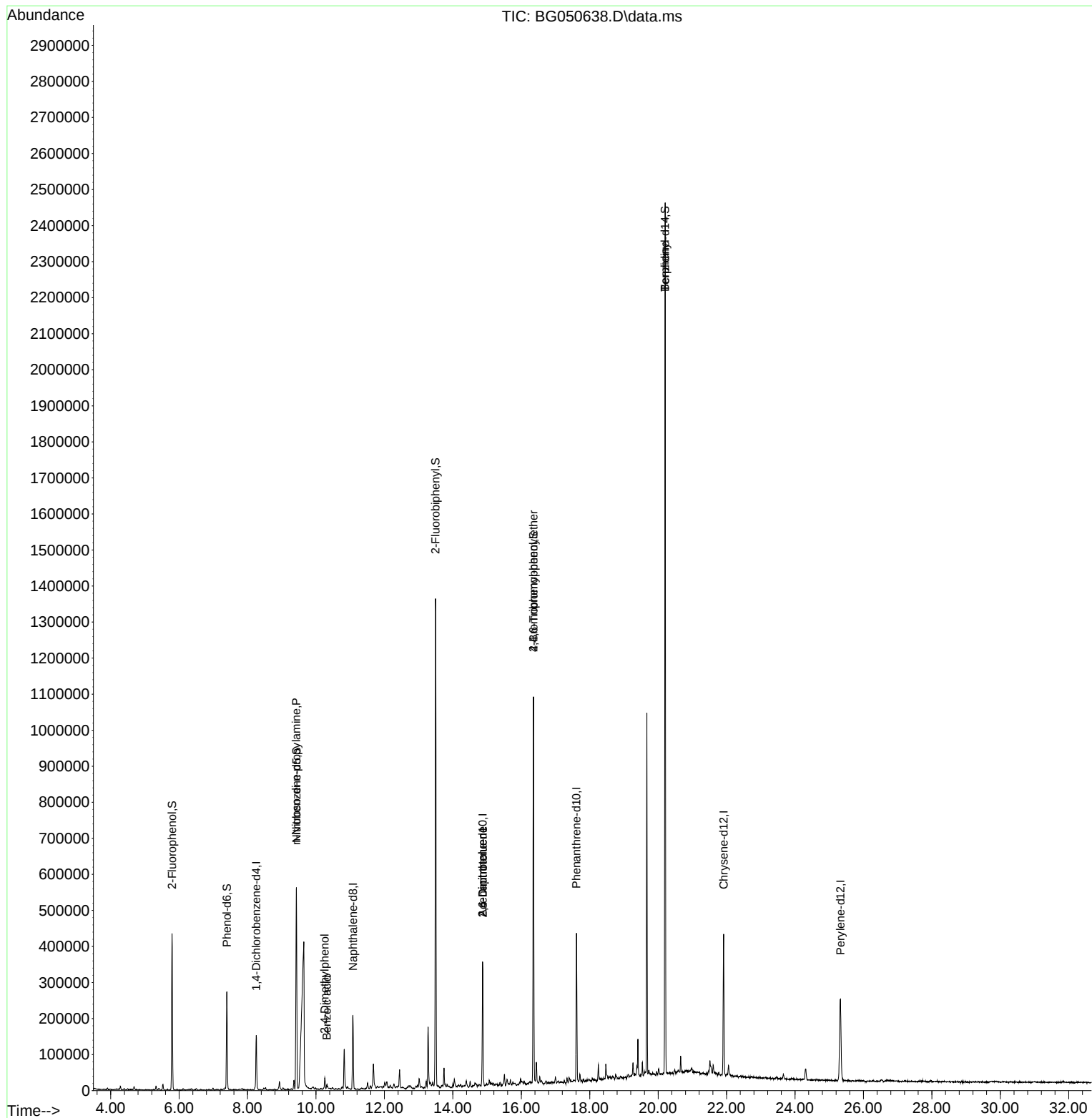
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	40662	20.000	ng	0.00
21) Naphthalene-d8	11.079	136	169521	20.000	ng	# 0.00
39) Acenaphthene-d10	14.869	164	115682	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	253133	20.000	ng	# 0.00
76) Chrysene-d12	21.914	240	233131	20.000	ng	#-0.01
86) Perylene-d12	25.327	264	236444	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	181516	66.761	ng	0.00
7) Phenol-d6	7.395	99	154423	39.229	ng	0.00
23) Nitrobenzene-d5	9.428	82	373214	91.136	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	153549	139.159	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	675643	87.902	ng	-0.01
79) Terphenyl-d14	20.204	244	1047798	87.589	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.401	77	564	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.422	70	53083	18.501	ng	# 69
27) 2,4-Dimethylphenol	10.257	122	9133	3.536	ng	# 89
32) Benzoic acid	10.315	122	5374	2.803	ng	# 63
51) 2,6-Dinitrotoluene	14.869	165	15809	9.027	ng	# 14
57) 2,4-Dinitrotoluene	14.869	165	15809	6.404	ng	# 19
67) 4-Bromophenyl-phenylether	16.355	248	13132	5.148	ng	# 1
77) Benzidine	20.204	184	20770	2.749	ng	# 92

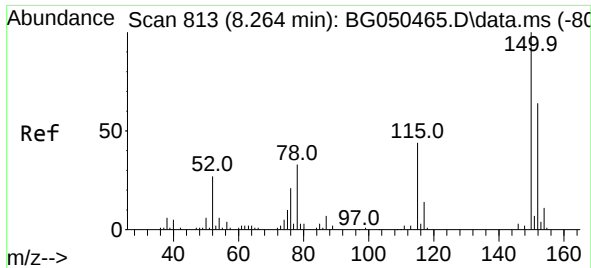
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101921\
Data File : BG050638.D
Acq On : 19 Oct 2021 17:09
Operator : CG/JU
Sample : M4253-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
133-134

Quant Time: Oct 20 04:47:22 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

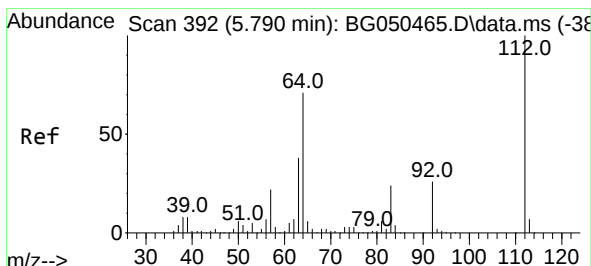
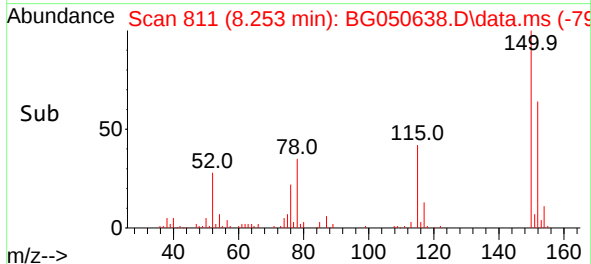
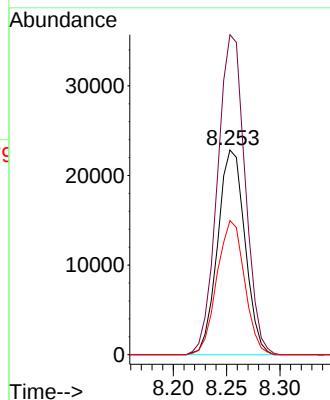
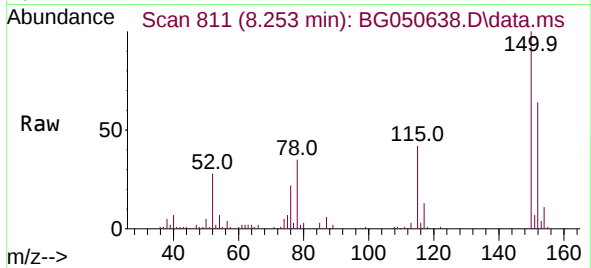




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.253 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG050638.D
Acq: 19 Oct 2021 17:09

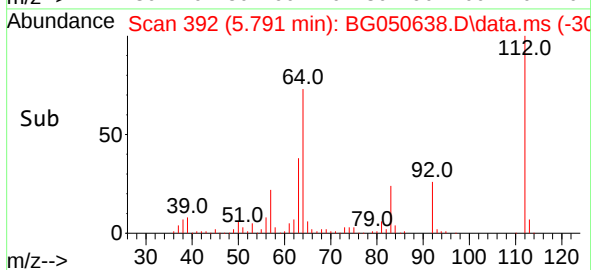
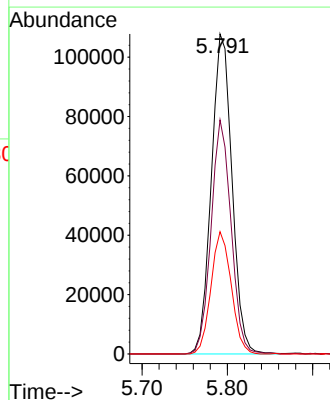
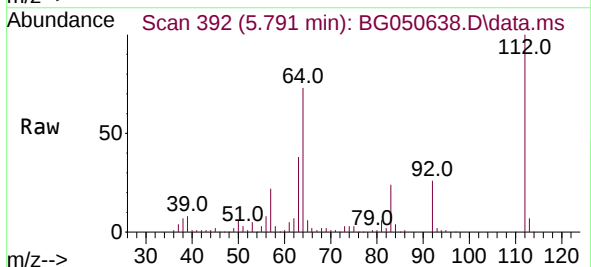
Instrument :
BNA_G
ClientSampleId :
133-134

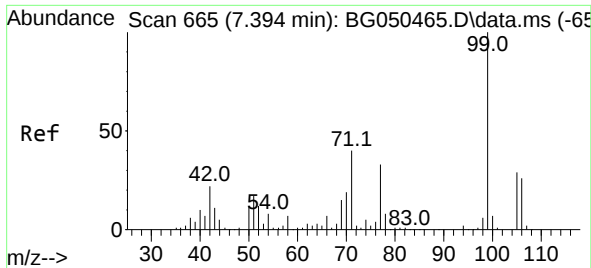
Tgt Ion:152 Resp: 40662
Ion Ratio Lower Upper
152 100
150 156.4 119.4 179.0
115 65.5 60.2 90.4



#5
2-Fluorophenol
Concen: 66.761 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.001 min
Lab File: BG050638.D
Acq: 19 Oct 2021 17:09

Tgt Ion:112 Resp: 181516
Ion Ratio Lower Upper
112 100
64 73.2 46.7 70.1#
63 38.2 35.3 52.9

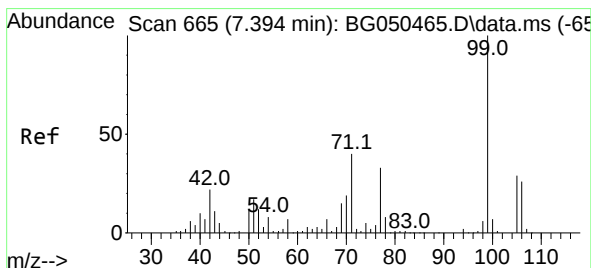
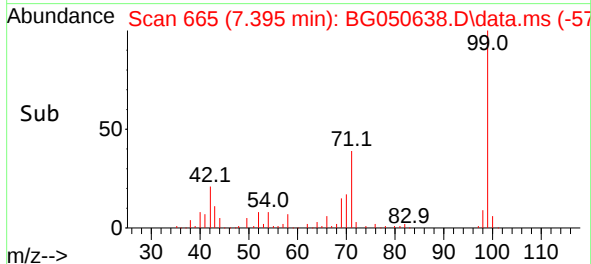
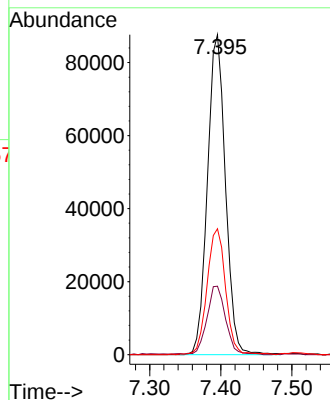
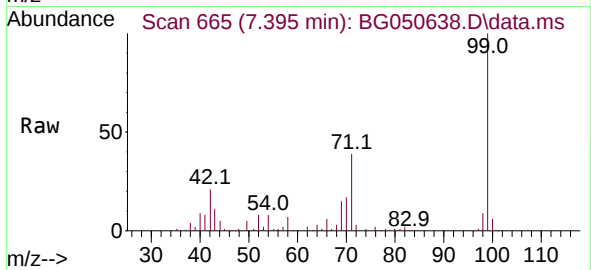




#7
Phenol-d6
Concen: 39.229 ng
RT: 7.395 min Scan# 665
Delta R.T. -0.005 min
Lab File: BG050638.D
Acq: 19 Oct 2021 17:09

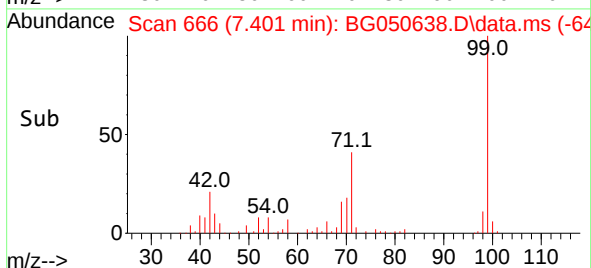
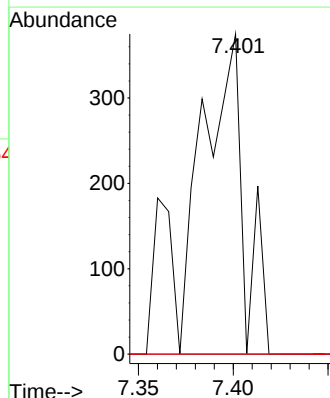
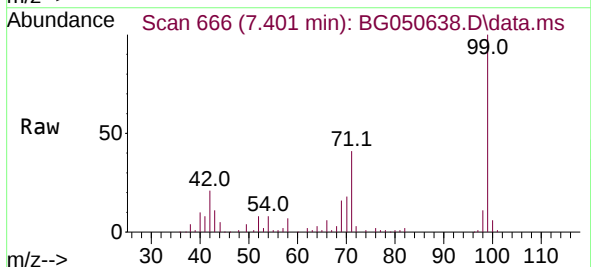
Instrument :
BNA_G
ClientSampleId :
133-134

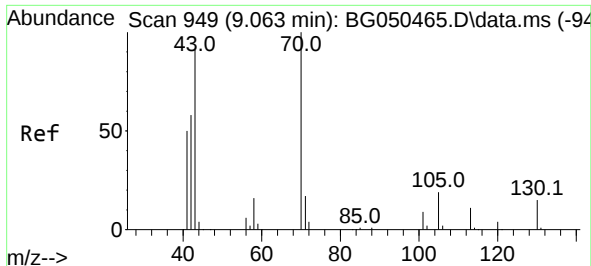
Tgt Ion: 99 Resp: 154423
Ion Ratio Lower Upper
99 100
42 21.4 20.5 30.7
71 39.3 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.401 min Scan# 666
Delta R.T. 0.012 min
Lab File: BG050638.D
Acq: 19 Oct 2021 17:09

Tgt Ion: 77 Resp: 564
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

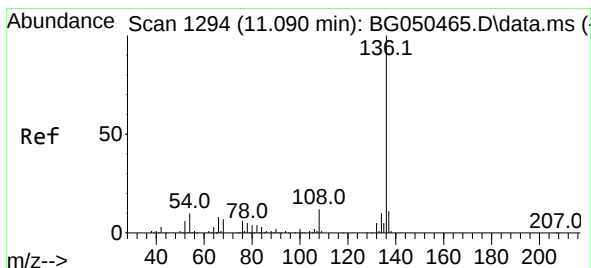
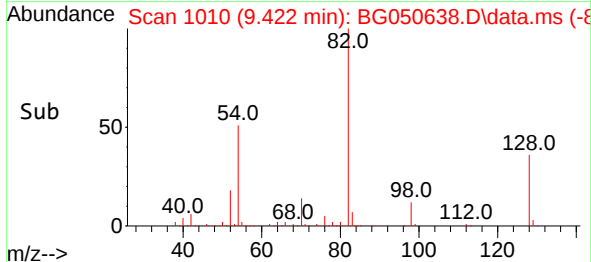
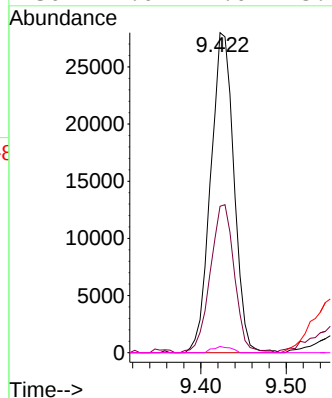
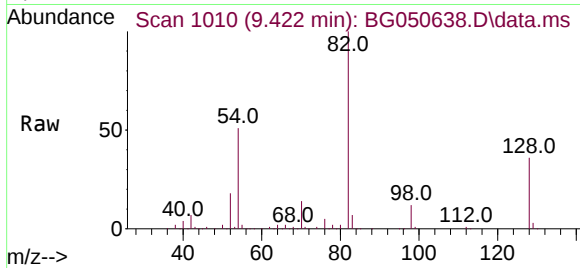




#19
n-Nitroso-di-n-propylamine
Concen: 18.501 ng
RT: 9.422 min Scan# 1010
Delta R.T. 0.365 min
Lab File: BG050638.D
Acq: 19 Oct 2021 17:09

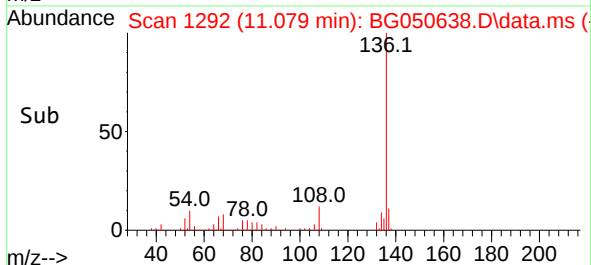
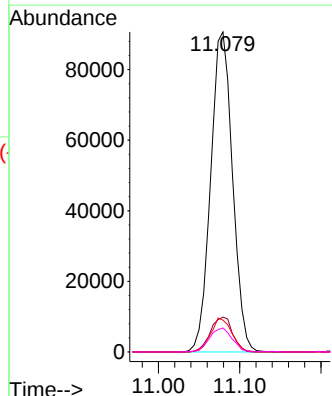
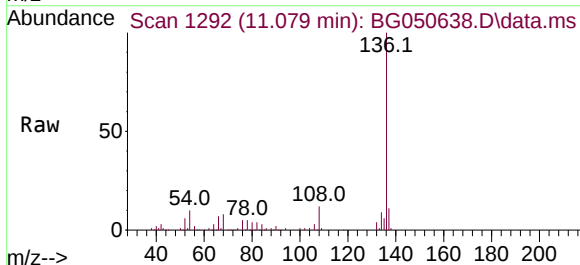
Instrument :
BNA_G
ClientSampled :
133-134

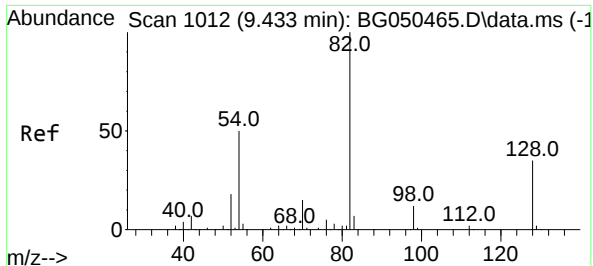
Tgt Ion:	70	Resp:	53083
Ion	Ratio	Lower	Upper
70	100		
42	45.7	54.5	81.7#
101	0.0	9.0	13.6#
130	2.0	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.079 min Scan# 1292
Delta R.T. -0.005 min
Lab File: BG050638.D
Acq: 19 Oct 2021 17:09

Tgt Ion:	136	Resp:	169521
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.2
54	9.9	5.5	8.3#
68	7.5	2.3	3.5#

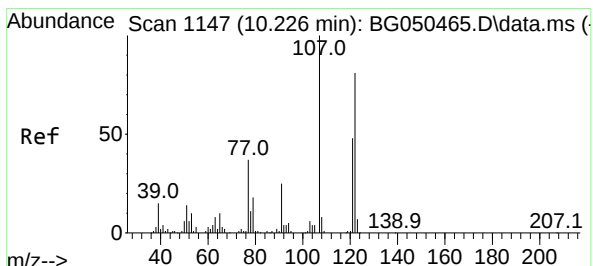
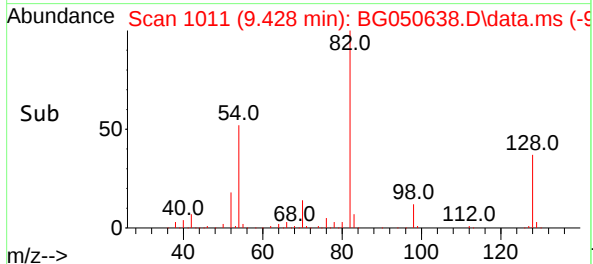
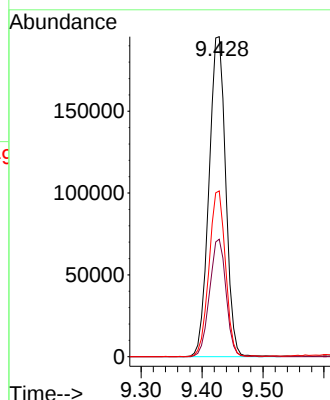
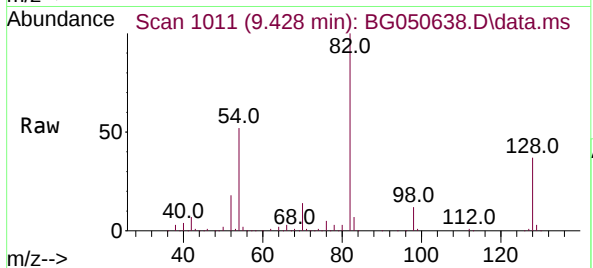




#23
Nitrobenzene-d5
Concen: 91.136 ng
RT: 9.428 min Scan# 1011
Delta R.T. 0.001 min
Lab File: BG050638.D
Acq: 19 Oct 2021 17:09

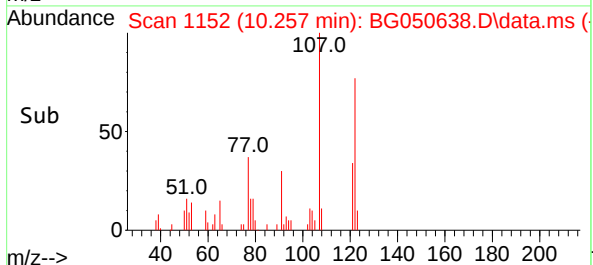
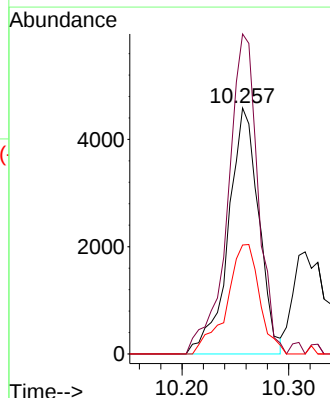
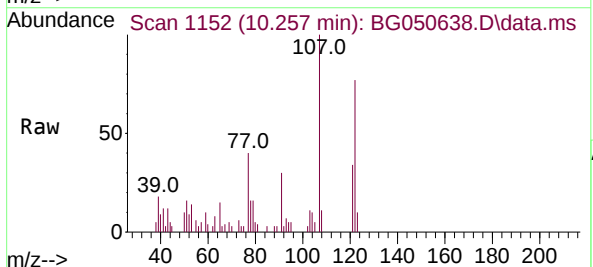
Instrument :
BNA_G
ClientSampled :
133-134

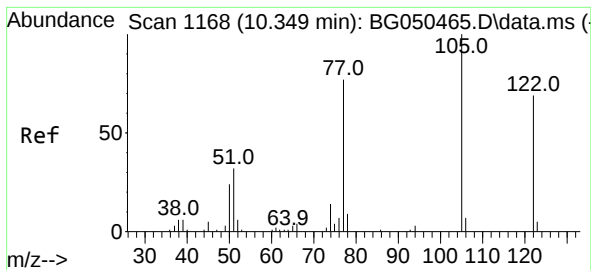
Tgt Ion: 82 Resp: 373214
Ion Ratio Lower Upper
82 100
128 36.7 29.8 44.6
54 51.8 45.8 68.8



#27
2,4-Dimethylphenol
Concen: 3.536 ng
RT: 10.257 min Scan# 1152
Delta R.T. 0.024 min
Lab File: BG050638.D
Acq: 19 Oct 2021 17:09

Tgt Ion: 122 Resp: 9133
Ion Ratio Lower Upper
122 100
107 130.1 110.1 165.1
121 44.3 49.0 73.6#

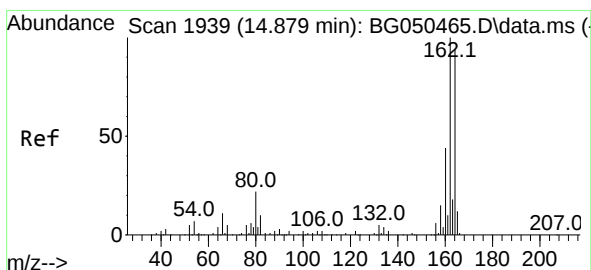
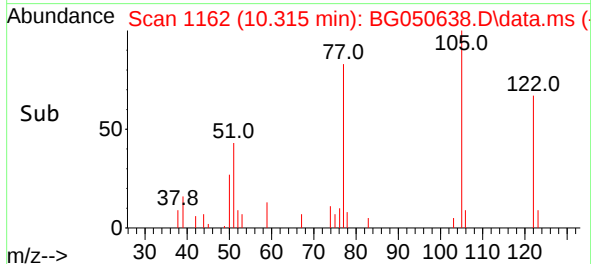
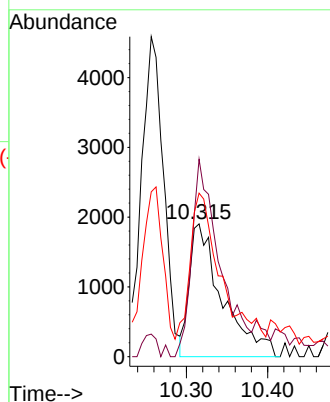
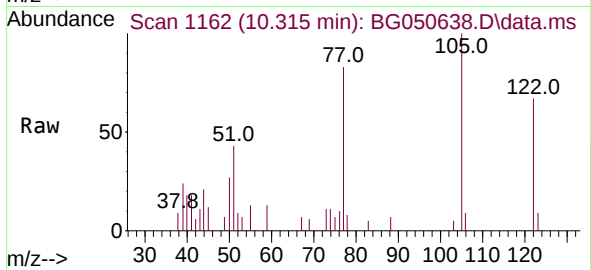




#32
Benzoic acid
Concen: 2.803 ng
RT: 10.315 min Scan# 1162
Delta R.T. -0.040 min
Lab File: BG050638.D
Acq: 19 Oct 2021 17:09

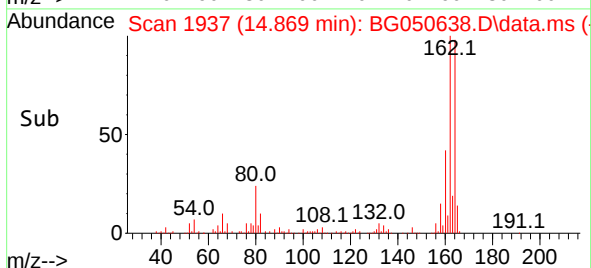
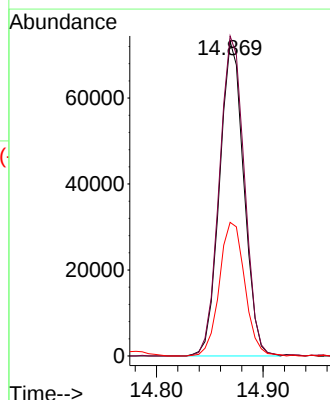
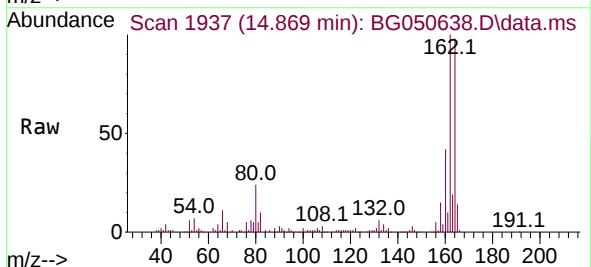
Instrument :
BNA_G
ClientSampleId :
133-134

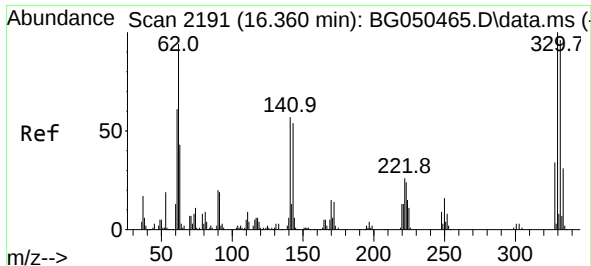
Tgt Ion:	122	Resp:	5374
Ion	Ratio	Lower	Upper
122	100		
105	148.7	92.3	132.3#
77	123.2	66.5	106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG050638.D
Acq: 19 Oct 2021 17:09

Tgt Ion:	164	Resp:	115682
Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.4	122.0
160	42.5	34.9	52.3

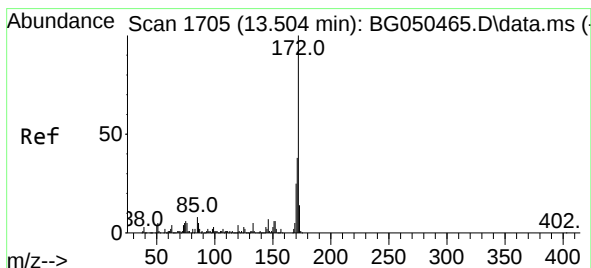
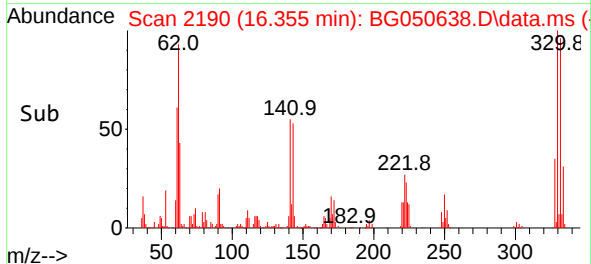
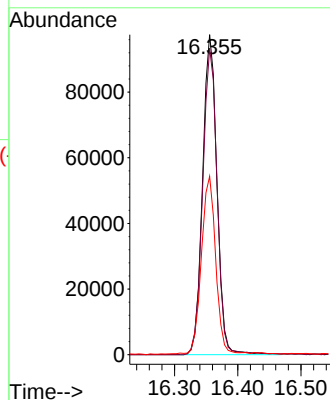
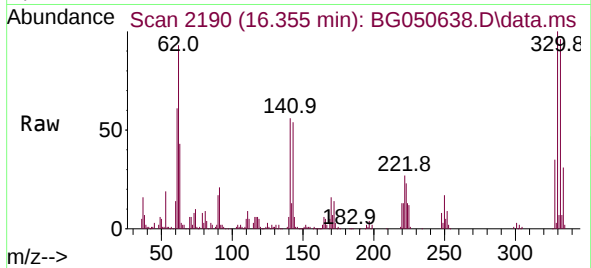




#42
2,4,6-Tribromophenol
Concen: 139.159 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG050638.D
Acq: 19 Oct 2021 17:09

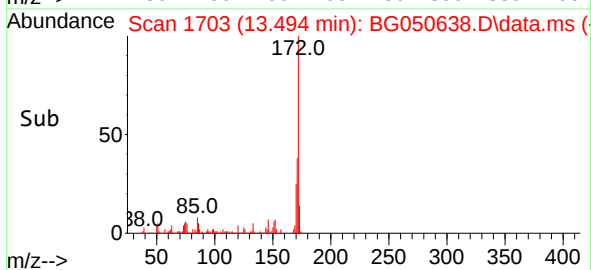
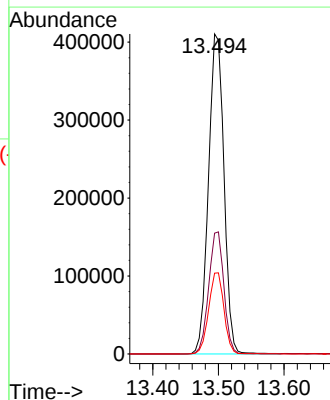
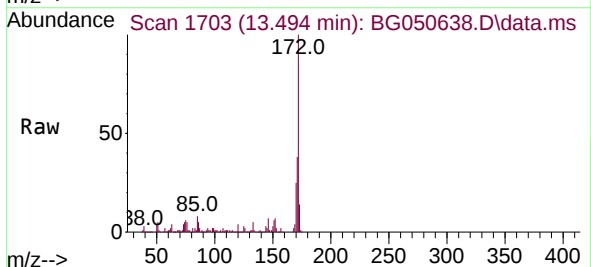
Instrument :
BNA_G
ClientSampleId :
133-134

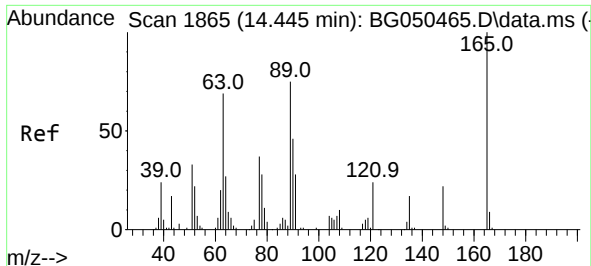
Tgt Ion:330 Resp: 153549
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 56.6 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 87.902 ng
RT: 13.494 min Scan# 1703
Delta R.T. -0.011 min
Lab File: BG050638.D
Acq: 19 Oct 2021 17:09

Tgt Ion:172 Resp: 675643
Ion Ratio Lower Upper
172 100
171 37.8 28.6 43.0
170 25.2 18.6 27.8

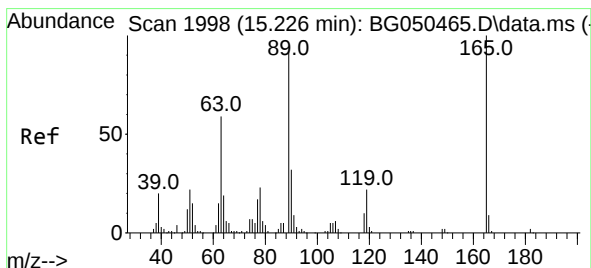
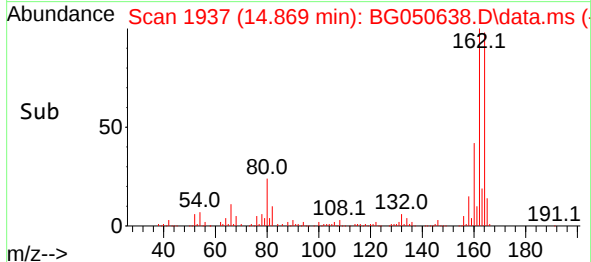
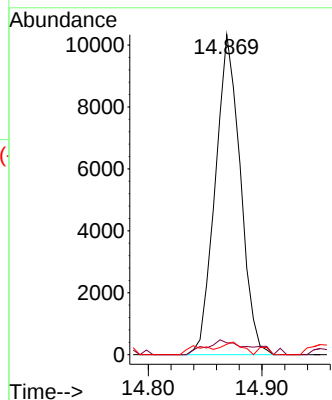
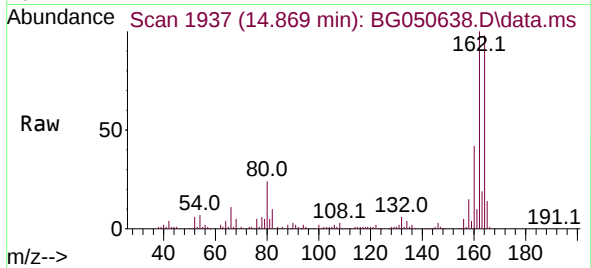




#51
2,6-Dinitrotoluene
Concen: 9.027 ng
RT: 14.869 min Scan# 1937
Delta R.T. 0.424 min
Lab File: BG050638.D
Acq: 19 Oct 2021 17:09

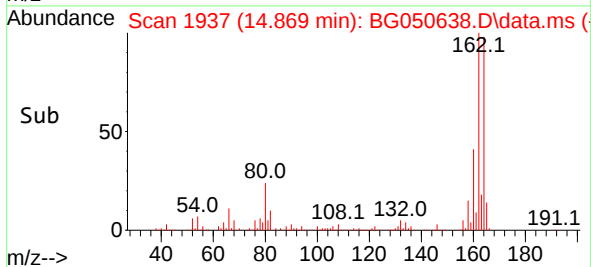
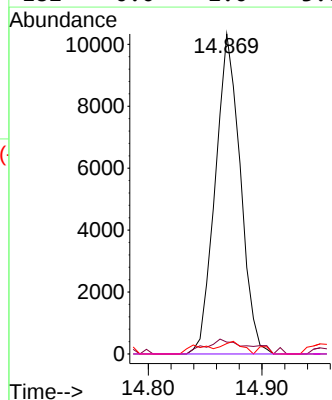
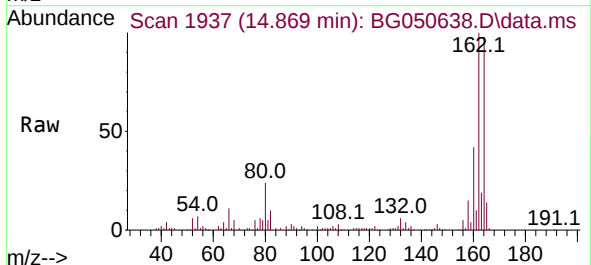
Instrument :
BNA_G
ClientSampled :
133-134

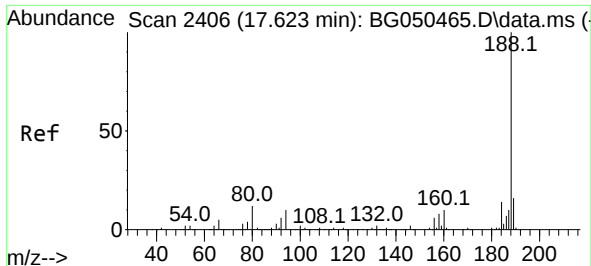
Tgt Ion:165 Resp: 15809
Ion Ratio Lower Upper
165 100
63 3.7 63.3 94.9#
89 3.3 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.404 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.358 min
Lab File: BG050638.D
Acq: 19 Oct 2021 17:09

Tgt Ion:165 Resp: 15809
Ion Ratio Lower Upper
165 100
63 3.7 48.0 72.0#
89 3.3 65.4 98.0#
182 0.0 2.0 3.0#

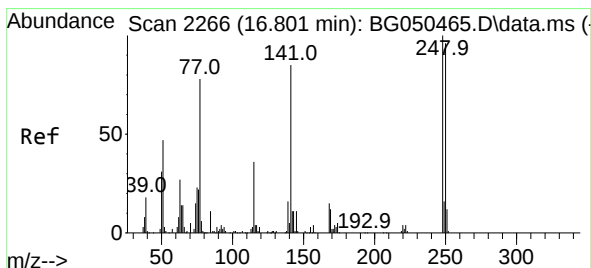
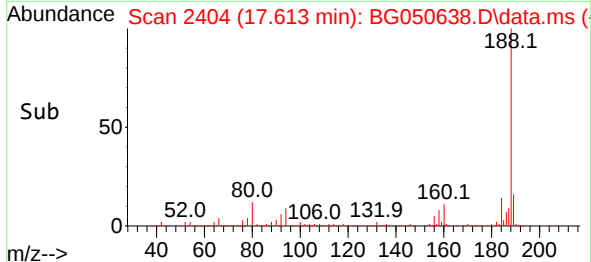
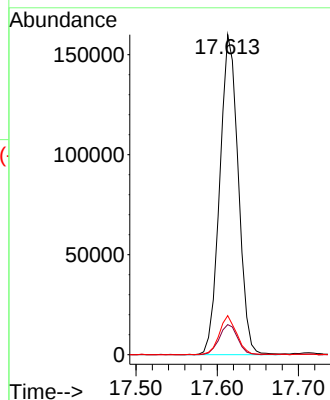
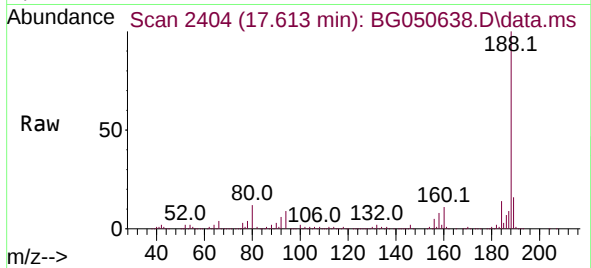




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.613 min Scan# 2404
Delta R.T. -0.005 min
Lab File: BG050638.D
Acq: 19 Oct 2021 17:09

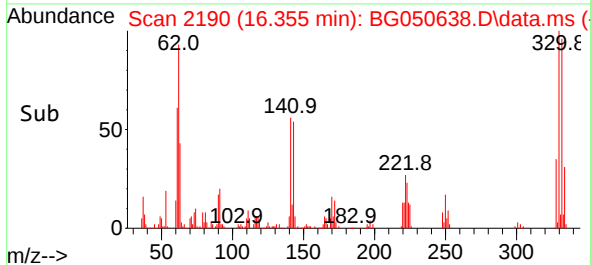
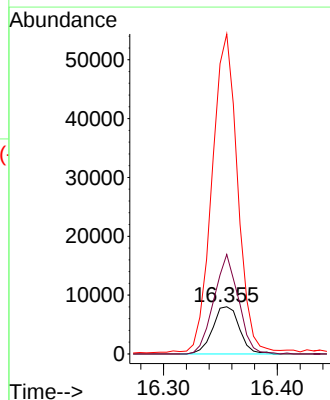
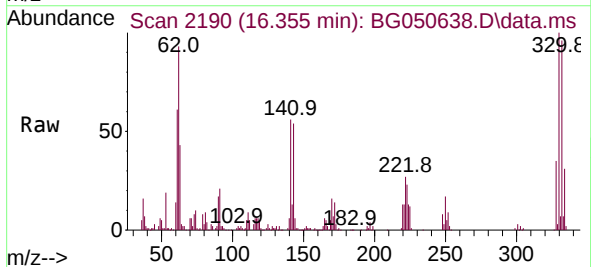
Instrument :
BNA_G
ClientSampled :
133-134

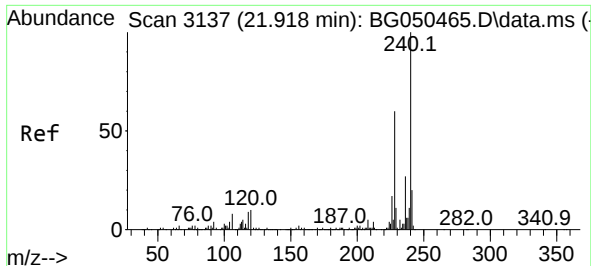
Tgt Ion:188 Resp: 253133
Ion Ratio Lower Upper
188 100
94 9.4 5.4 8.0#
80 12.2 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 5.148 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.446 min
Lab File: BG050638.D
Acq: 19 Oct 2021 17:09

Tgt Ion:248 Resp: 13132
Ion Ratio Lower Upper
248 100
250 210.6 76.1 114.1#
141 677.3 65.4 98.2#

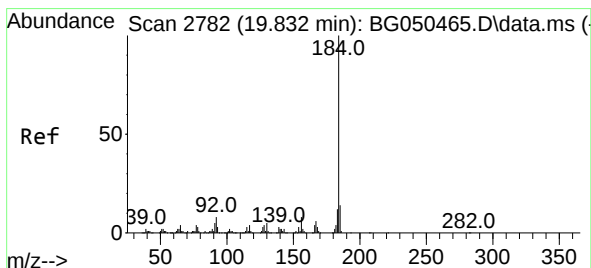
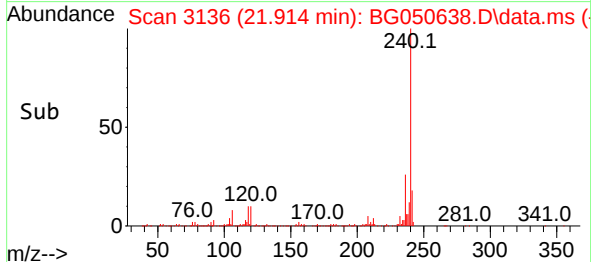
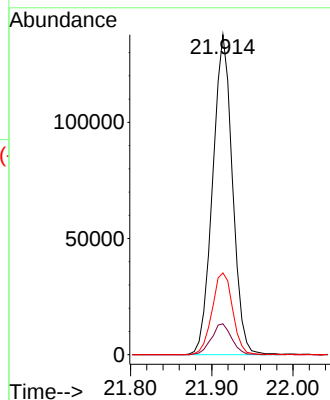
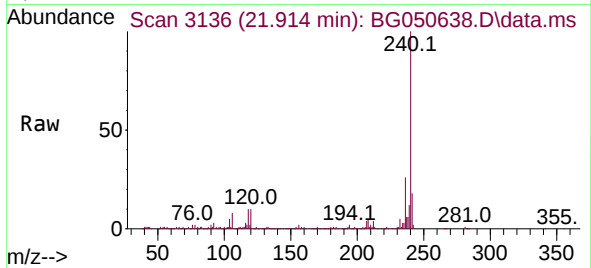




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.914 min Scan# 3136
Delta R.T. -0.011 min
Lab File: BG050638.D
Acq: 19 Oct 2021 17:09

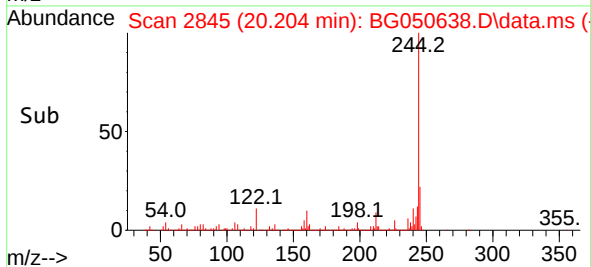
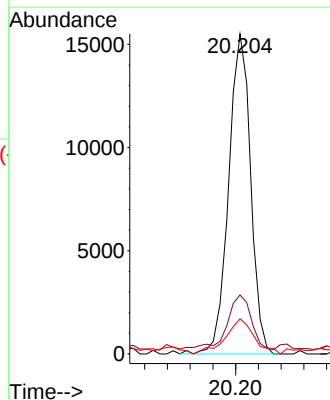
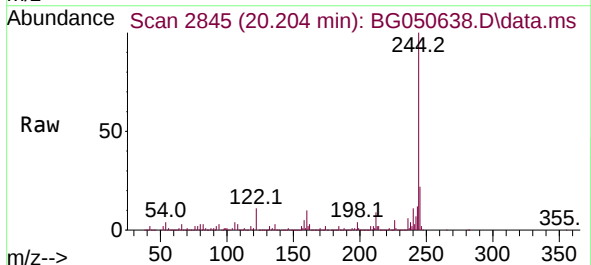
Instrument :
BNA_G
ClientSampled :
133-134

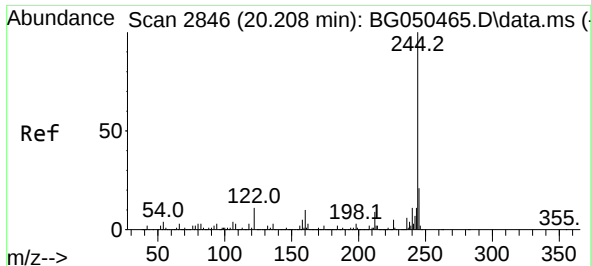
Tgt Ion:240 Resp: 233131
Ion Ratio Lower Upper
240 100
120 9.7 4.2 6.2#
236 25.6 21.8 32.6



#77
Benzidine
Concen: 2.749 ng
RT: 20.204 min Scan# 2845
Delta R.T. 0.371 min
Lab File: BG050638.D
Acq: 19 Oct 2021 17:09

Tgt Ion:184 Resp: 20770
Ion Ratio Lower Upper
184 100
185 18.5 10.7 16.1#
183 11.0 9.4 14.0

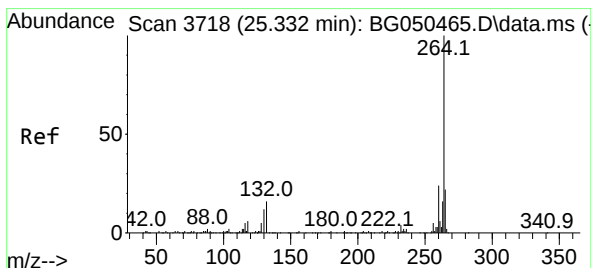
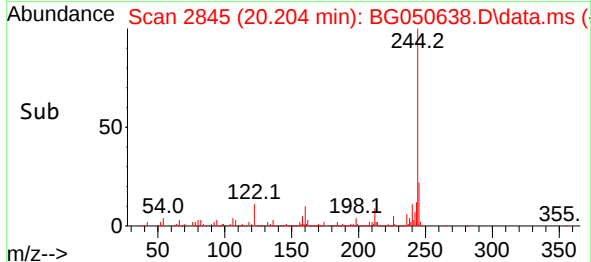
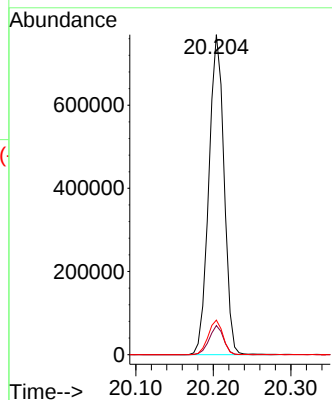
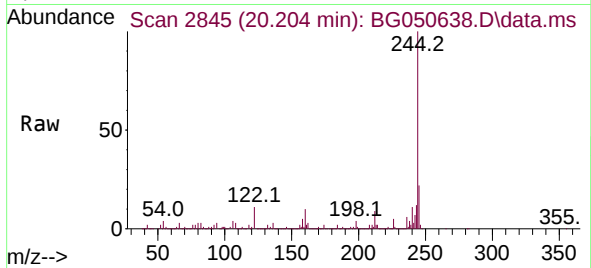




#79
Terphenyl-d14
Concen: 87.589 ng
RT: 20.204 min Scan# 2845
Delta R.T. -0.005 min
Lab File: BG050638.D
Acq: 19 Oct 2021 17:09

Instrument :
BNA_G
ClientSampleId :
133-134

Tgt Ion:244 Resp: 1047798
Ion Ratio Lower Upper
244 100
212 9.1 6.9 10.3
122 10.8 5.0 7.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.327 min Scan# 3717
Delta R.T. -0.005 min
Lab File: BG050638.D
Acq: 19 Oct 2021 17:09

Tgt Ion:264 Resp: 236444
Ion Ratio Lower Upper
264 100
260 25.1 19.4 29.2
265 22.6 16.9 25.3

