

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101921\
 Data File : BG050639.D
 Acq On : 19 Oct 2021 17:50
 Operator : CG/JU
 Sample : M4253-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 137-138

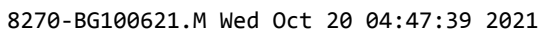
Quant Time: Oct 20 04:47:33 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

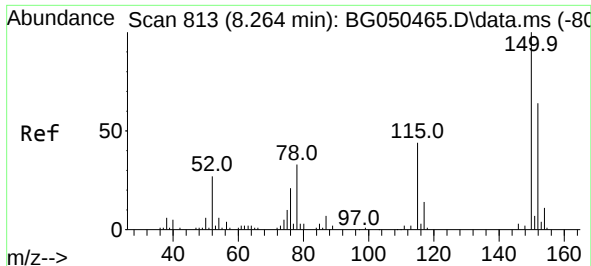
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	38929	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	160937	20.000	ng	#-0.01
39) Acenaphthene-d10	14.874	164	109829	20.000	ng	# 0.00
64) Phenanthrene-d10	17.618	188	237317	20.000	ng	# 0.00
76) Chrysene-d12	21.913	240	224260	20.000	ng	#-0.01
86) Perylene-d12	25.327	264	227834	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	167478	64.340	ng	0.00
7) Phenol-d6	7.395	99	139341	36.973	ng	0.00
23) Nitrobenzene-d5	9.428	82	342847	88.186	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	145902	139.276	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	635372	87.068	ng	-0.01
79) Terphenyl-d14	20.203	244	994742	86.443	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.389	77	19959	3.927	ng	# 1
10) Phenol	7.424	94	10213	2.787	ng	# 81
15) Benzyl Alcohol	8.364	79	37453	12.576	ng	# 18
17) 2-Methylphenol	8.682	107	31753	13.170	ng	# 90
18) Hexachloroethane	9.363	117	28998	26.269	ng	# 1
19) n-Nitroso-di-n-propyla...	9.428	70	49972	18.192	ng	# 73
20) 3+4-Methylphenols	9.011	107	46698	13.760	ng	86
22) Acetophenone	9.052	105	61038	13.340	ng	# 54
24) Nitrobenzene	9.445	77	8842	2.287	ng	# 7
27) 2,4-Dimethylphenol	10.227	122	29219	11.915	ng	90
31) Naphthalene	11.132	128	144645	16.791	ng	97
32) Benzoic acid	10.256	122	30896	16.975	ng	# 39
37) 2-Methylnaphthalene	12.712	142	42362	7.127	ng	95
38) 1-Methylnaphthalene	12.712	142	42362	7.350	ng	98
67) 4-Bromophenyl-phenylether	16.355	248	12474	5.216	ng	# 1

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

Quant Time: Oct 20 04:47:33 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

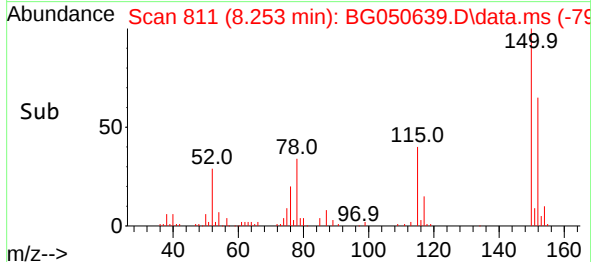
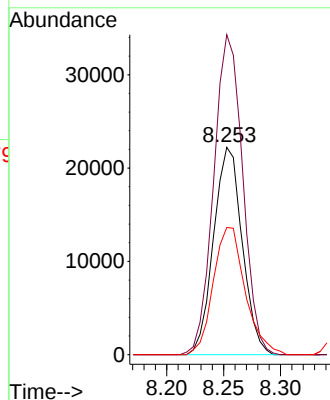
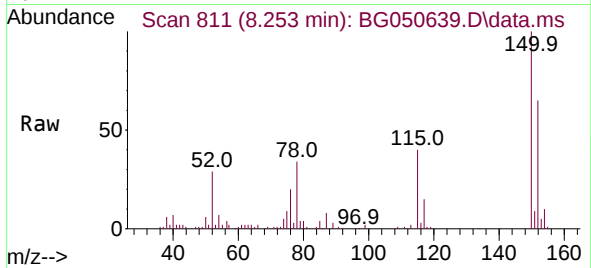




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.253 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

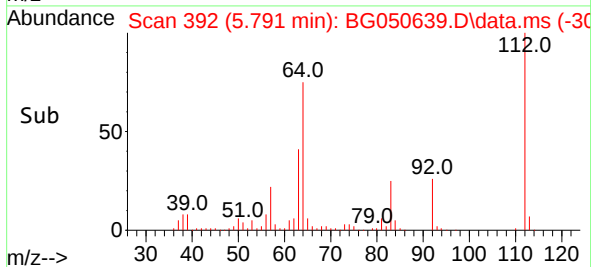
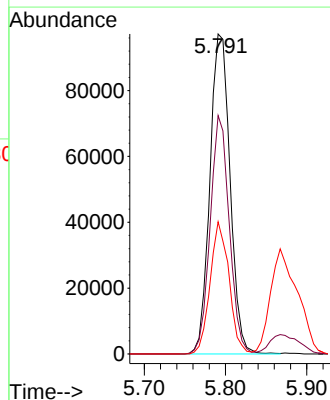
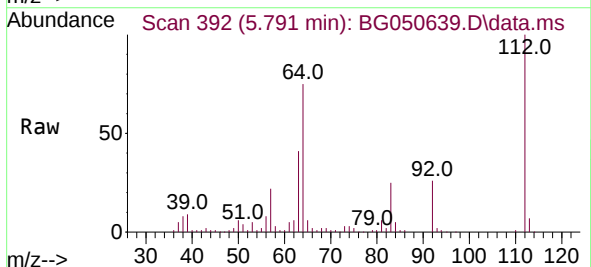
Instrument :
BNA_G
ClientSampleId :
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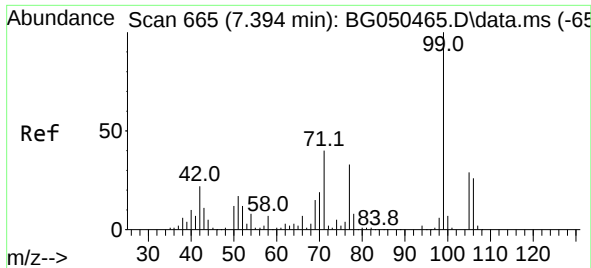
Tgt Ion:152 Resp: 38929
Ion Ratio Lower Upper
152 100
150 154.3 119.4 179.0
115 61.3 60.2 90.4



#5
2-Fluorophenol
Concen: 64.340 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.000 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

Tgt Ion:112 Resp: 167478
Ion Ratio Lower Upper
112 100
64 74.5 46.7 70.1#
63 41.3 35.3 52.9

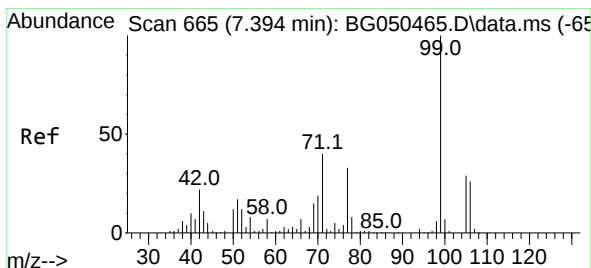
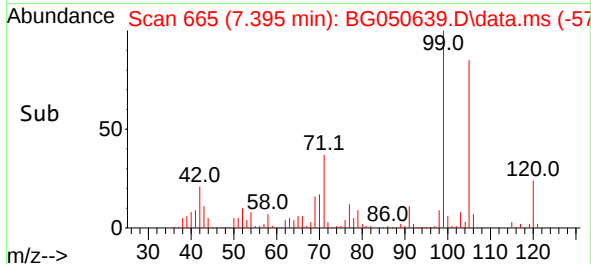
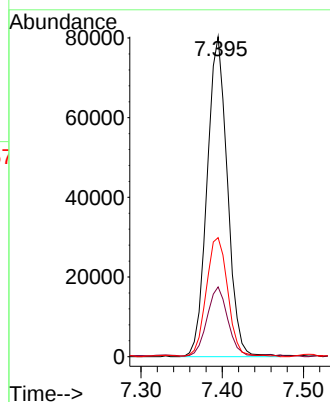
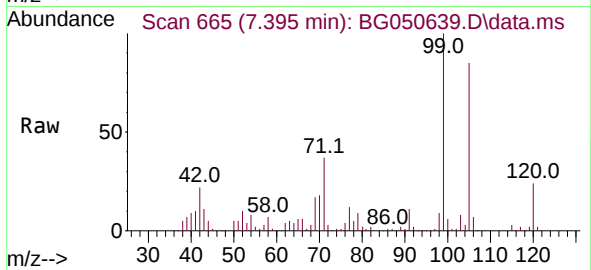




#7
Phenol-d6
Concen: 36.973 ng
RT: 7.395 min Scan# 665
Delta R.T. -0.006 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

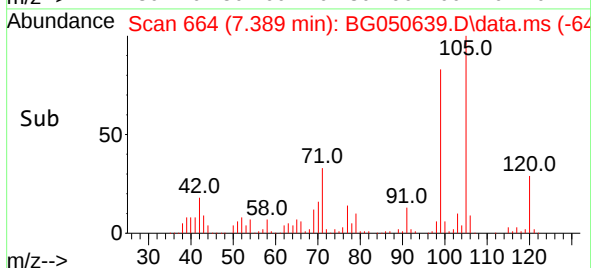
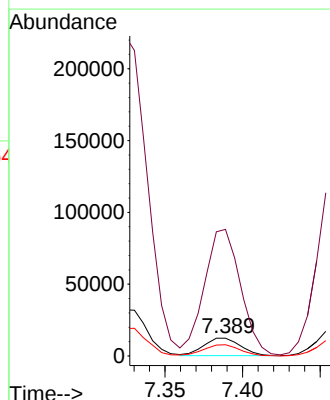
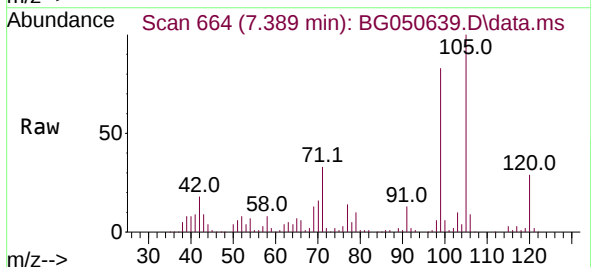
Instrument :
BNA_G
ClientSampleId :
137-138

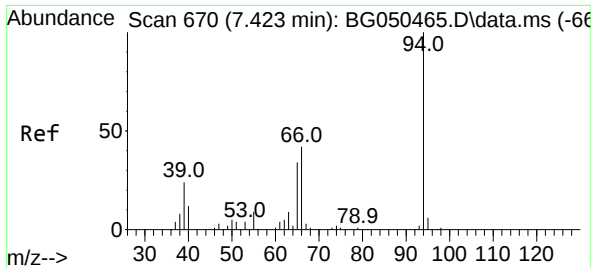
Tgt Ion: 99 Resp: 139341
Ion Ratio Lower Upper
99 100
42 21.8 20.5 30.7
71 37.2 41.5 62.3#



#9
Benzaldehyde
Concen: 3.927 ng
RT: 7.389 min Scan# 664
Delta R.T. 0.000 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

Tgt Ion: 77 Resp: 19959
Ion Ratio Lower Upper
77 100
105 710.8 68.8 108.8#
106 62.8 47.9 87.9

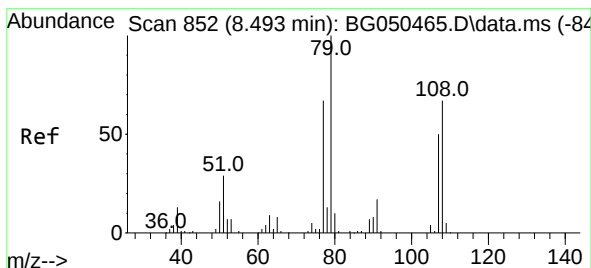
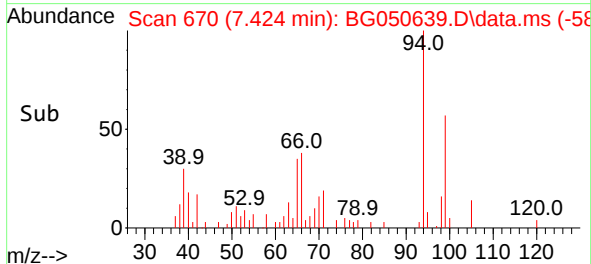
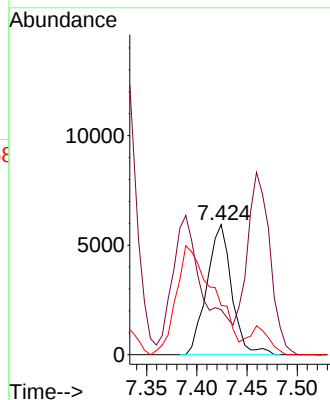
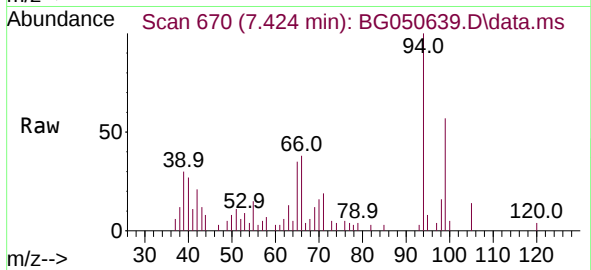




#10
Phenol
Concen: 2.787 ng
RT: 7.424 min Scan# 670
Delta R.T. 0.000 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

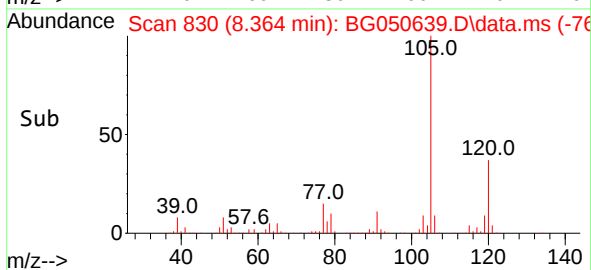
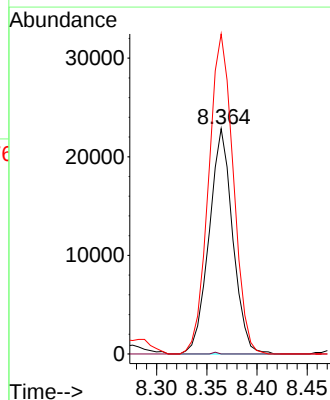
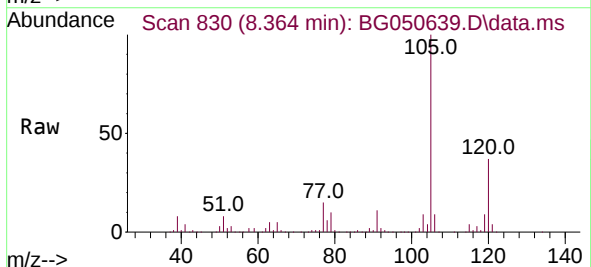
Instrument :
BNA_G
ClientSampleId :
137-138

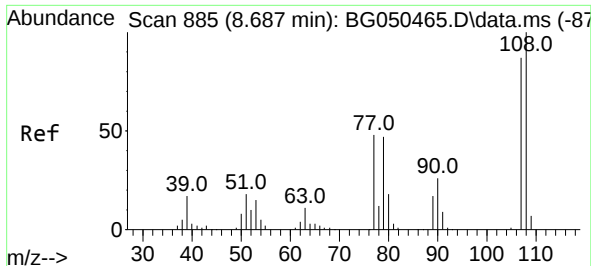
Tgt Ion:	94	Resp:	10213
Ion	Ratio	Lower	Upper
94	100		
65	34.6	12.9	52.9
66	38.0	39.4	79.4#



#15
Benzyl Alcohol
Concen: 12.576 ng
RT: 8.364 min Scan# 830
Delta R.T. -0.129 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

Tgt Ion:	79	Resp:	37453
Ion	Ratio	Lower	Upper
79	100		
108	0.0	48.2	72.4#
77	142.0	57.3	85.9#

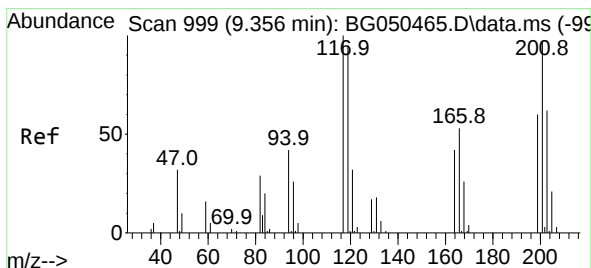
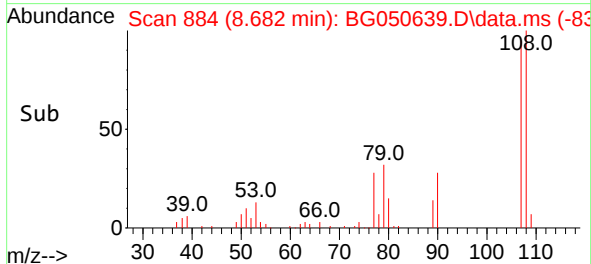
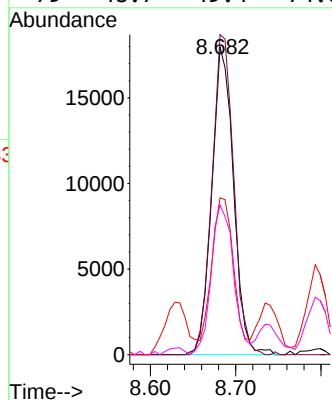
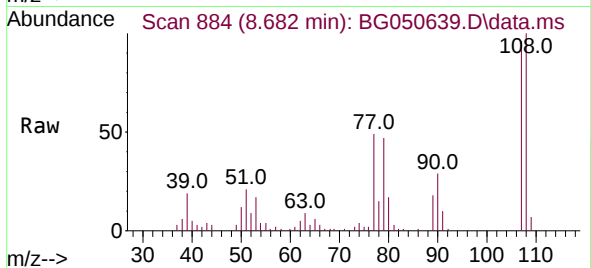




#17
2-Methylphenol
Concen: 13.170 ng
RT: 8.682 min Scan# 884
Delta R.T. -0.006 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

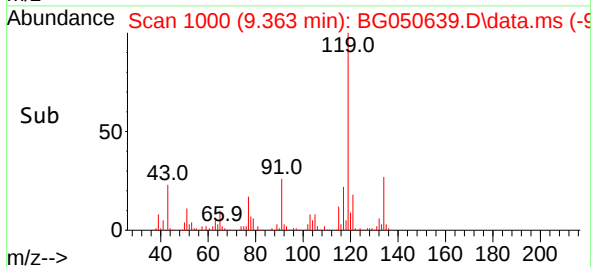
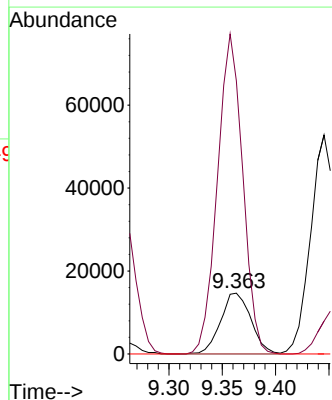
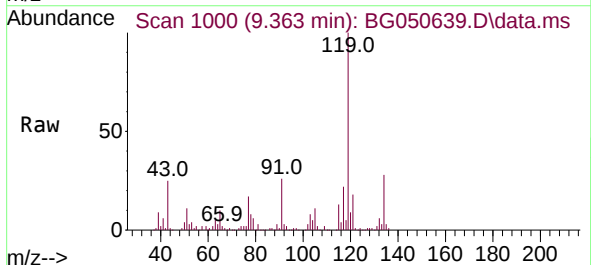
Instrument :
BNA_G
ClientSampled :
137-138

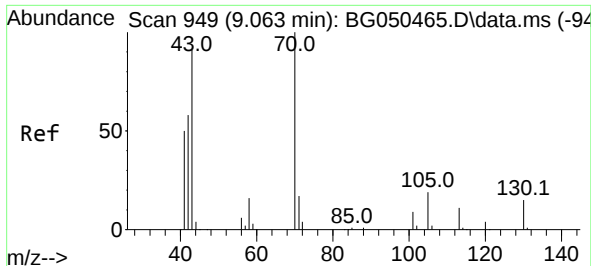
Tgt Ion:107 Resp: 31753
Ion Ratio Lower Upper
107 100
108 104.1 84.6 127.0
77 51.0 50.7 76.1
79 48.7 49.4 74.0#



#18
Hexachloroethane
Concen: 26.269 ng
RT: 9.363 min Scan# 1000
Delta R.T. 0.012 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

Tgt Ion:117 Resp: 28998
Ion Ratio Lower Upper
117 100
119 449.1 74.4 111.6#
201 0.0 88.6 133.0#



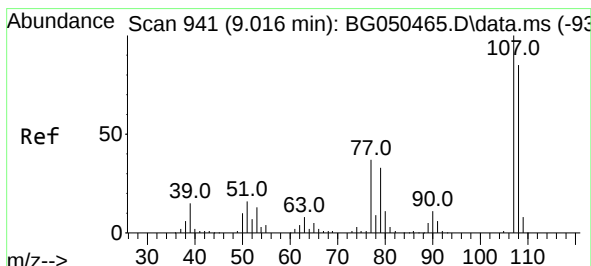
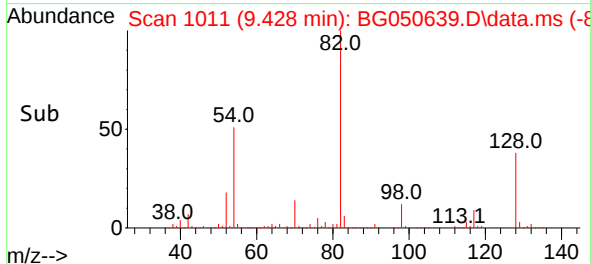
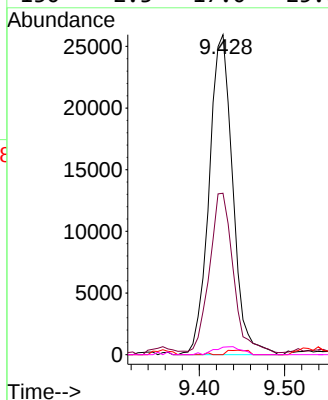
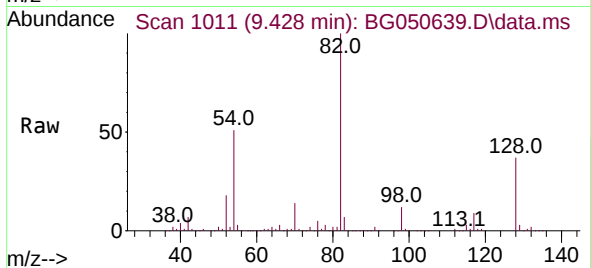


#19

n-Nitroso-di-n-propylamine
Concen: 18.192 ng
RT: 9.428 min Scan# 1011
Delta R.T. 0.370 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

Instrument :
BNA_G
ClientSampleId :
137-138

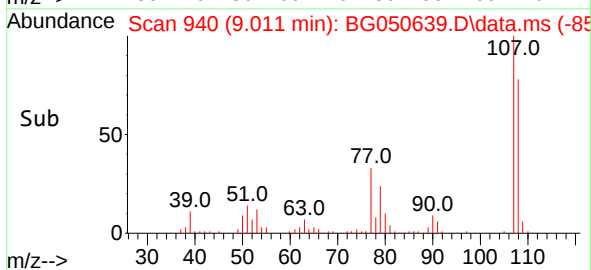
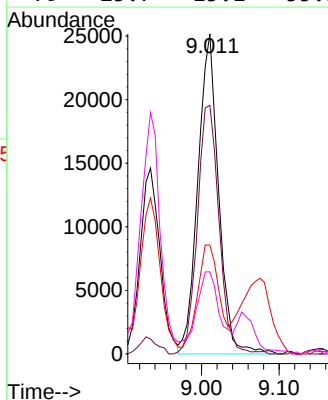
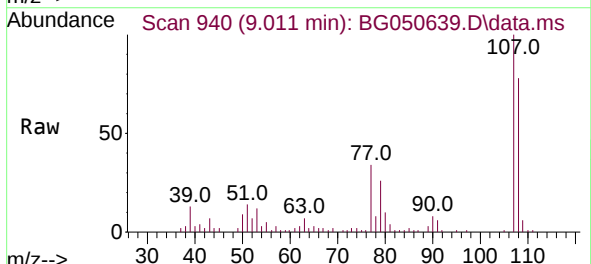
Tgt Ion: 70 Resp: 49972
Ion Ratio Lower Upper
70 100
42 50.4 54.5 81.7#
101 0.0 9.0 13.6#
130 2.3 17.0 25.6#

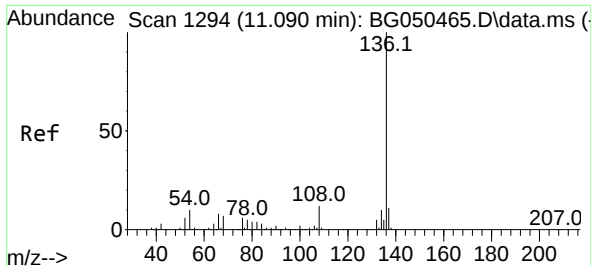


#20

3+4-Methylphenols
Concen: 13.760 ng
RT: 9.011 min Scan# 940
Delta R.T. -0.006 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

Tgt Ion: 107 Resp: 46698
Ion Ratio Lower Upper
107 100
108 77.7 69.3 109.3
77 34.0 25.2 65.2
79 25.7 15.1 55.1

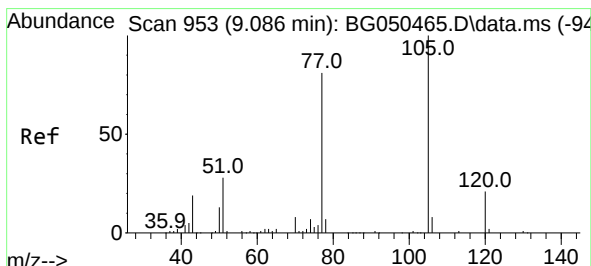
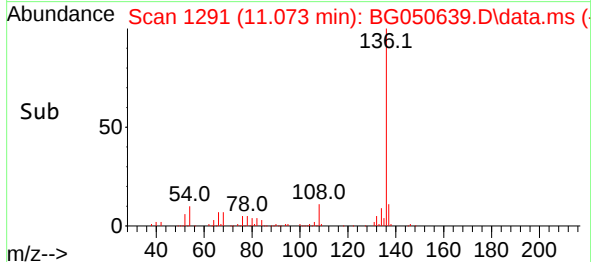
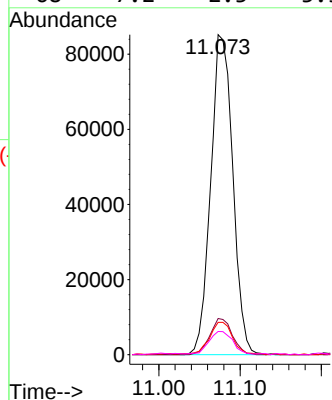
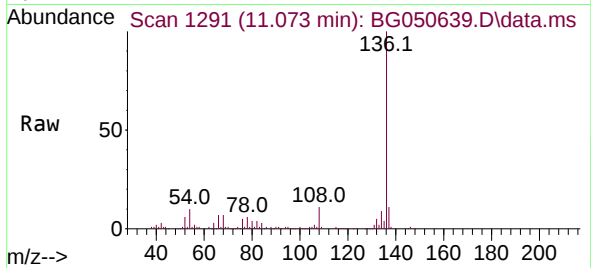




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

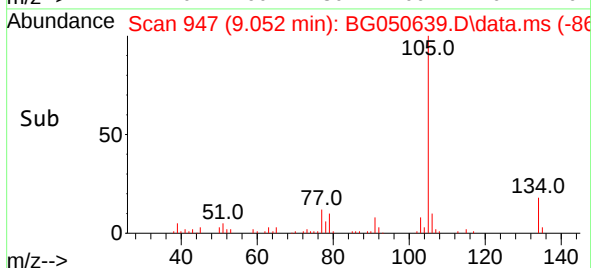
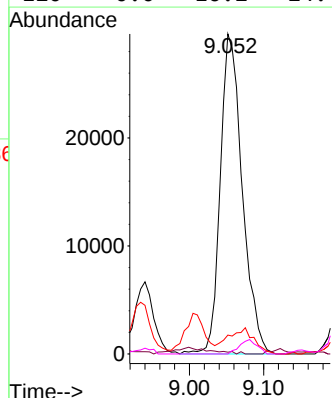
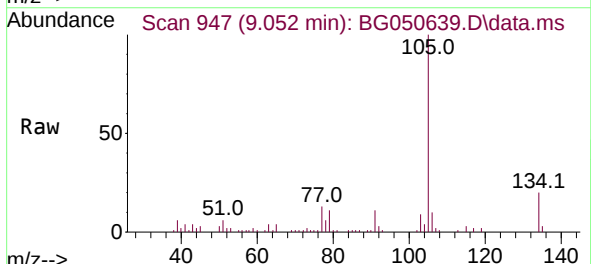
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ClientSampleId :
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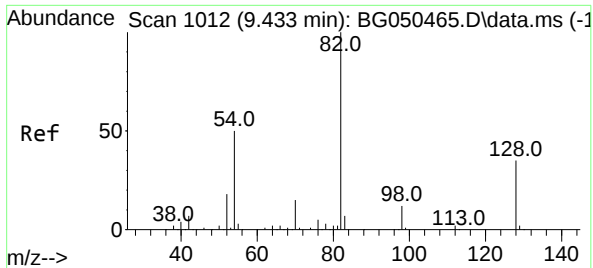
Tgt Ion:136	Resp: 160937
Ion Ratio	Lower Upper
136 100	
137 11.3	8.2 12.2
54 10.1	5.5 8.3#
68 7.2	2.3 3.5#



#22
Acetophenone
Concen: 13.340 ng
RT: 9.052 min Scan# 947
Delta R.T. -0.035 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

Tgt Ion:105	Resp: 61038
Ion Ratio	Lower Upper
105 100	
71 0.5	0.6 0.8#
51 5.9	26.6 40.0#
120 0.0	16.2 24.4#

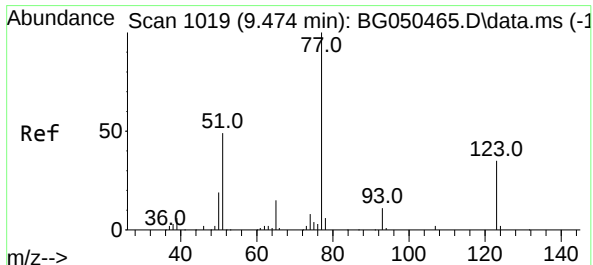
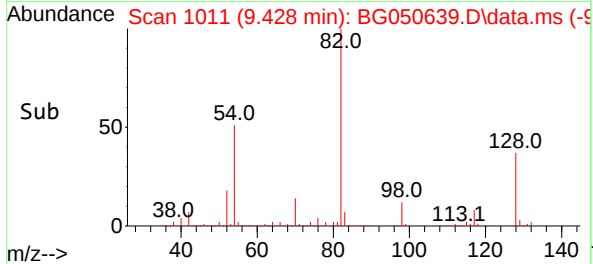
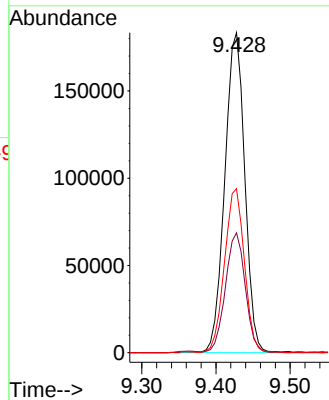
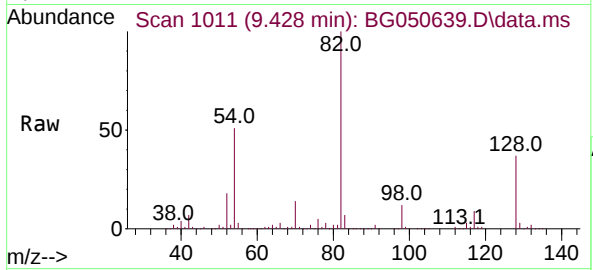




#23
Nitrobenzene-d5
Concen: 88.186 ng
RT: 9.428 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

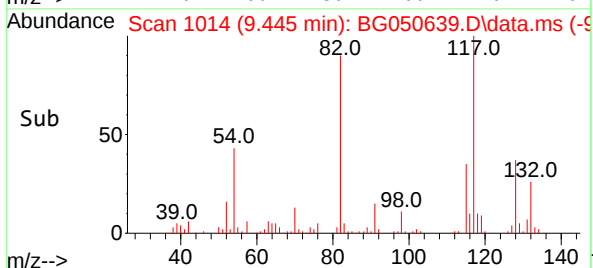
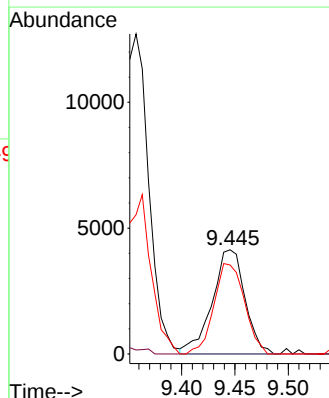
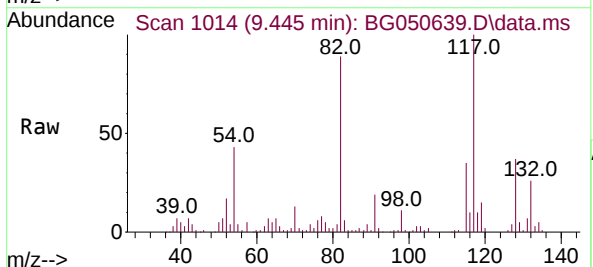
Instrument :
BNA_G
ClientSampled :
137-138

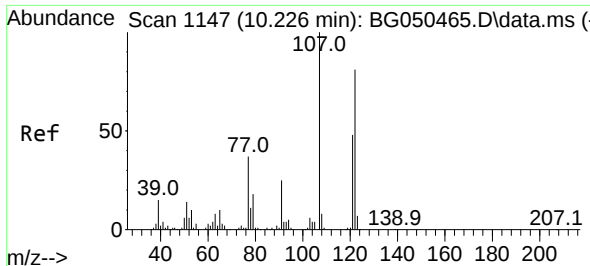
Tgt Ion: 82 Resp: 342847
Ion Ratio Lower Upper
82 100
128 37.5 29.8 44.6
54 51.3 45.8 68.8



#24
Nitrobenzene
Concen: 2.287 ng
RT: 9.445 min Scan# 1014
Delta R.T. -0.029 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

Tgt Ion: 77 Resp: 8842
Ion Ratio Lower Upper
77 100
123 0.0 27.5 41.3#
65 85.4 12.6 18.8#

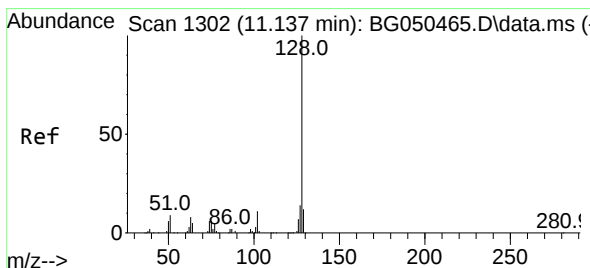
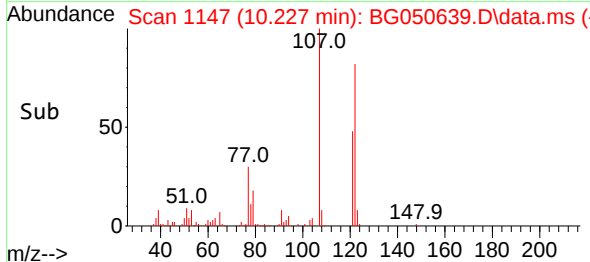
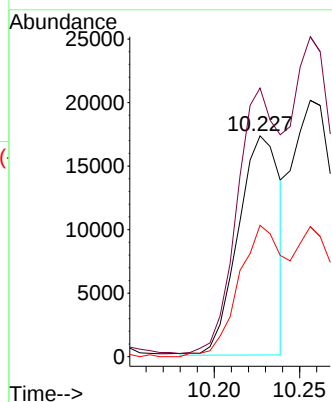
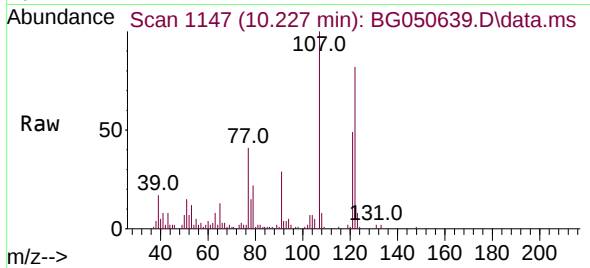




#27
2,4-Dimethylphenol
Concen: 11.915 ng
RT: 10.227 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

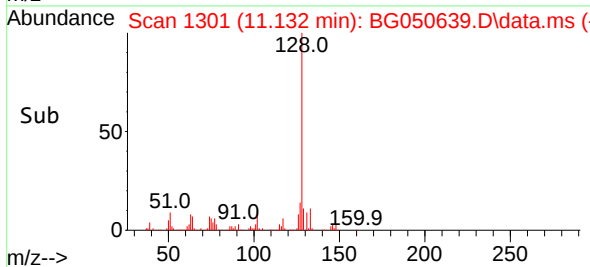
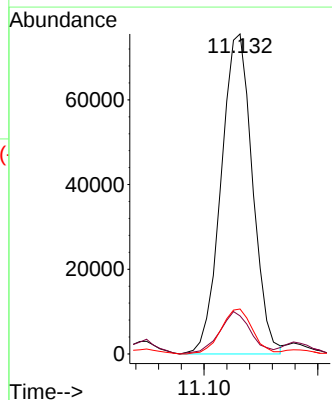
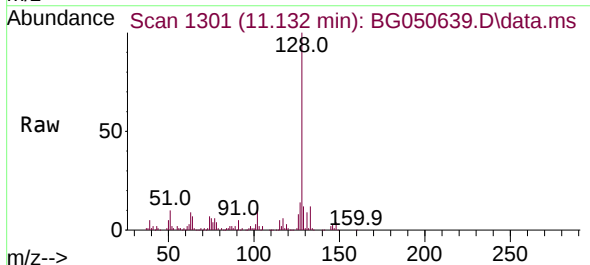
Instrument :
BNA_G
ClientSampled :
137-138

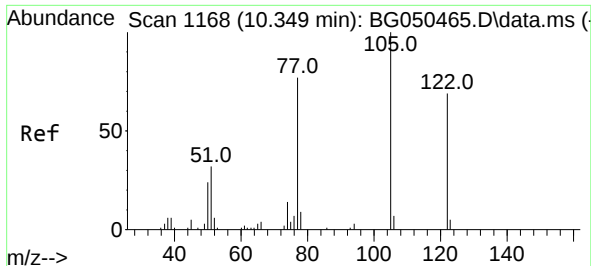
Tgt Ion:122 Resp: 29219
Ion Ratio Lower Upper
122 100
107 121.7 110.1 165.1
121 59.5 49.0 73.6



#31
Naphthalene
Concen: 16.791 ng
RT: 11.132 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

Tgt Ion:128 Resp: 144645
Ion Ratio Lower Upper
128 100
129 11.9 8.5 12.7
127 14.0 10.2 15.4

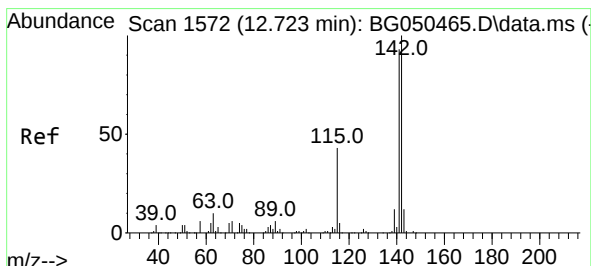
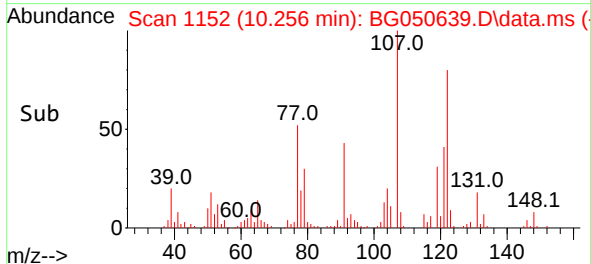
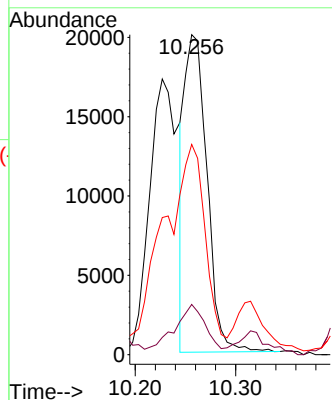
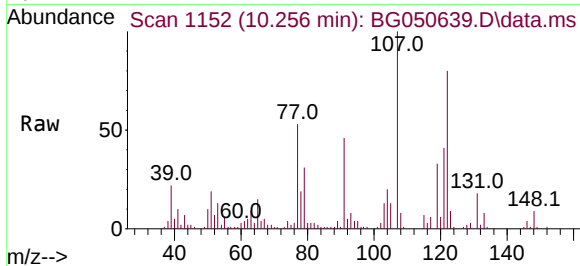




#32
Benzoic acid
Concen: 16.975 ng
RT: 10.256 min Scan# 1152
Delta R.T. -0.100 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

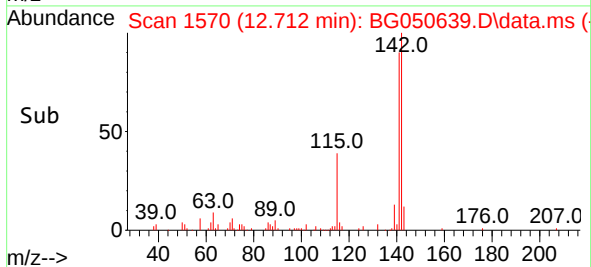
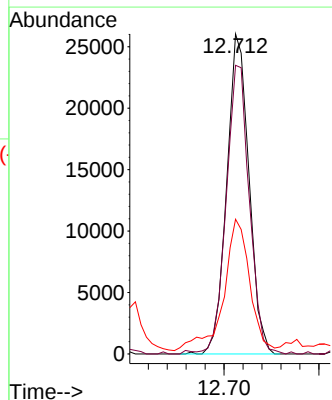
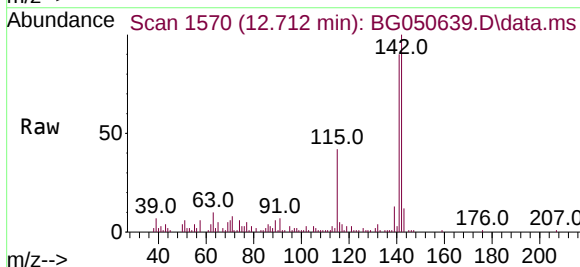
Instrument :
BNA_G
ClientSampleId :
137-138

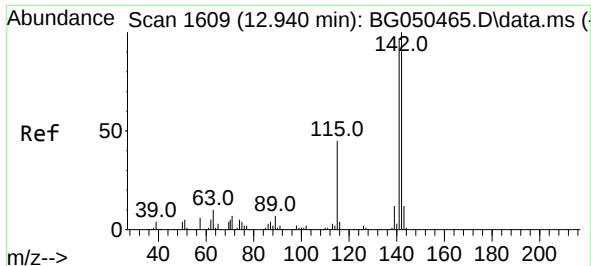
Tgt Ion:122 Resp: 30896
Ion Ratio Lower Upper
122 100
105 15.7 92.3 132.3#
77 65.7 66.5 106.5#



#37
2-Methylnaphthalene
Concen: 7.127 ng
RT: 12.712 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

Tgt Ion:142 Resp: 42362
Ion Ratio Lower Upper
142 100
141 90.2 68.8 103.2
115 42.1 36.4 54.6

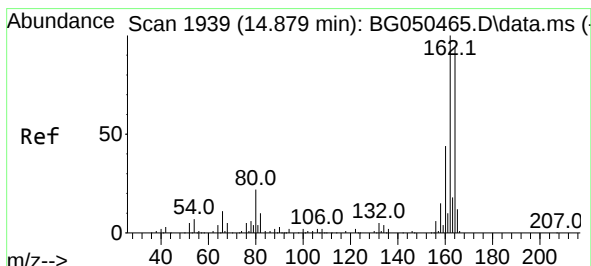
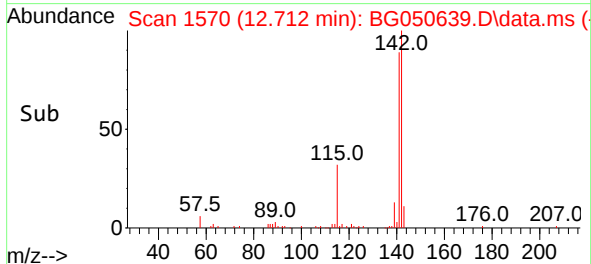
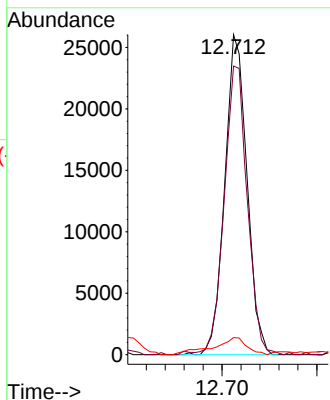
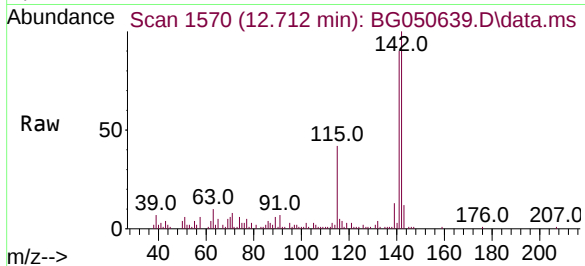




#38
1-Methylnaphthalene
Concen: 7.350 ng
RT: 12.712 min Scan# 1570
Delta R.T. -0.229 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

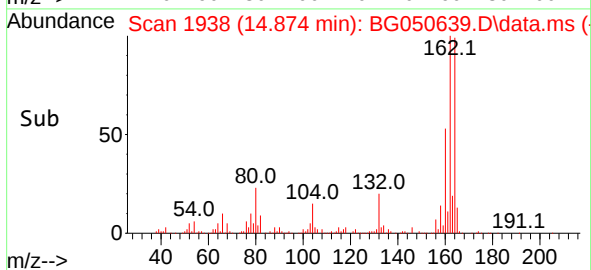
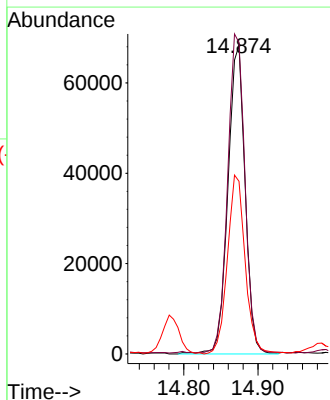
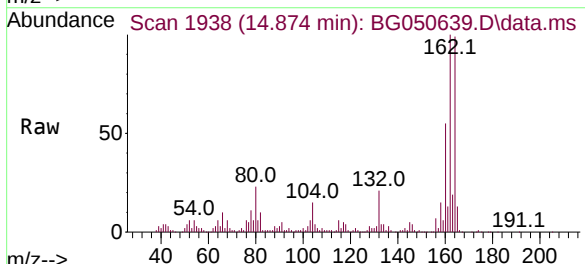
Instrument :
BNA_G
ClientSampled :
137-138

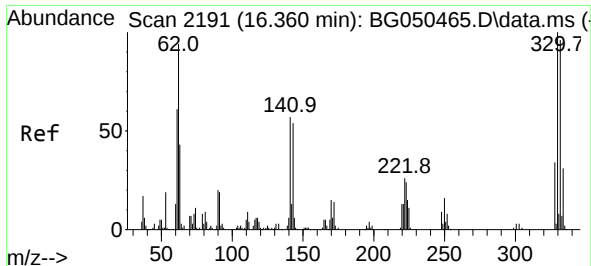
Tgt Ion:142 Resp: 42362
Ion Ratio Lower Upper
142 100
141 90.2 70.6 106.0
116 5.3 4.0 6.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

Tgt Ion:164 Resp: 109829
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.0
160 55.9 34.9 52.3#

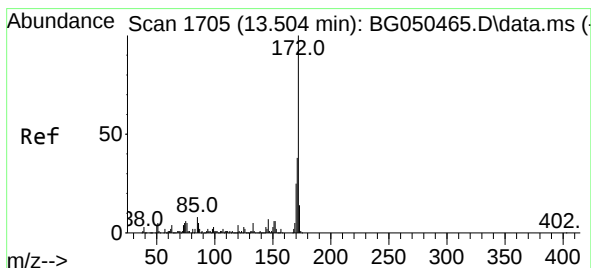
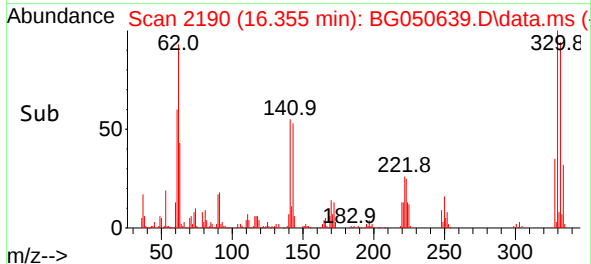
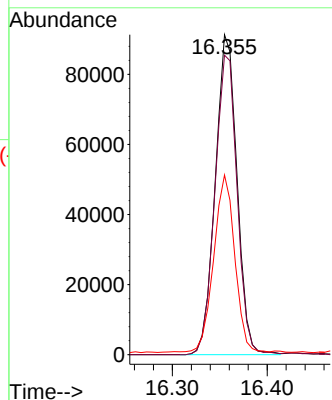
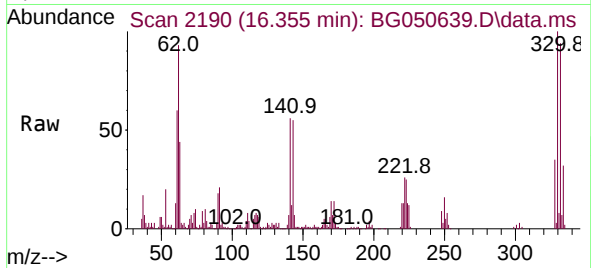




#42
2,4,6-Tribromophenol
Concen: 139.276 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

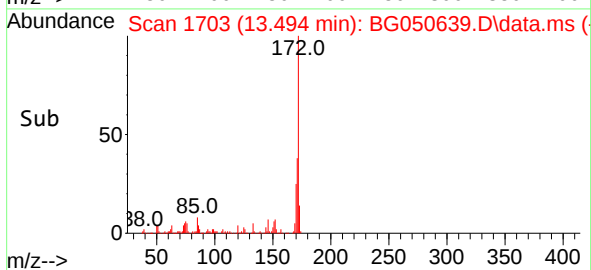
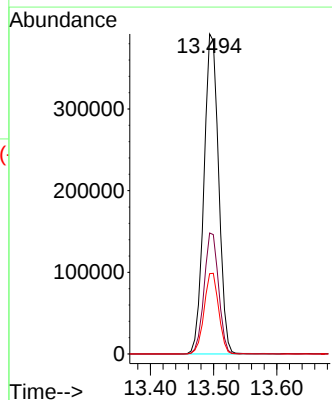
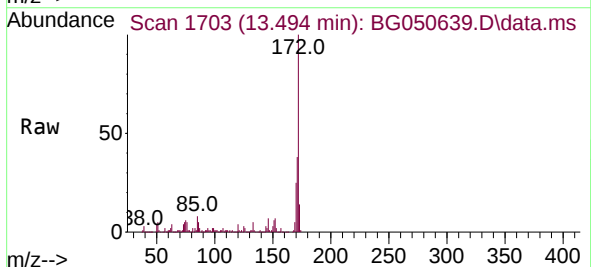
Instrument :
BNA_G
ClientSampleId :
137-138

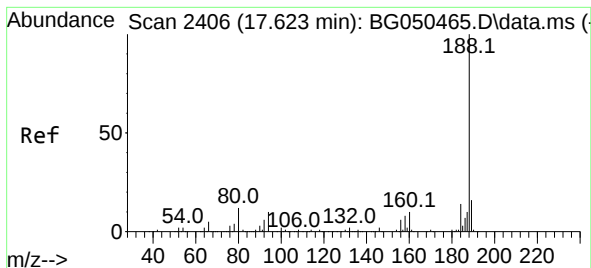
Tgt Ion:330 Resp: 145902
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 53.7 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 87.068 ng
RT: 13.494 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

Tgt Ion:172 Resp: 635372
Ion Ratio Lower Upper
172 100
171 37.8 28.6 43.0
170 25.1 18.6 27.8

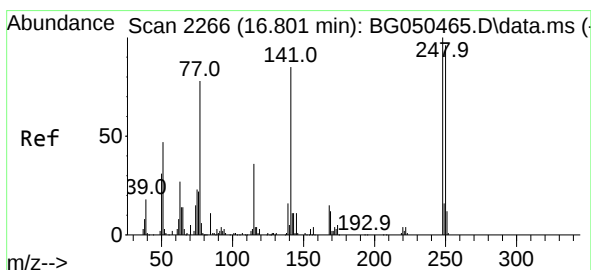
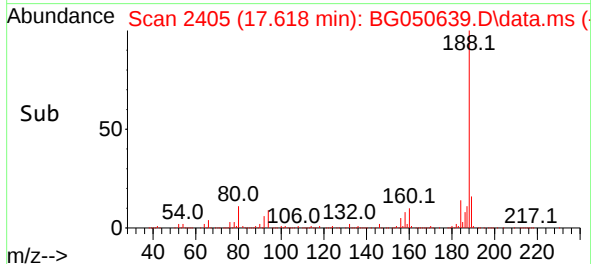
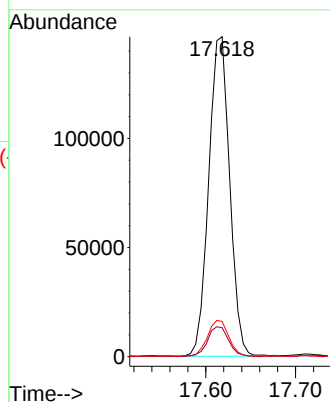
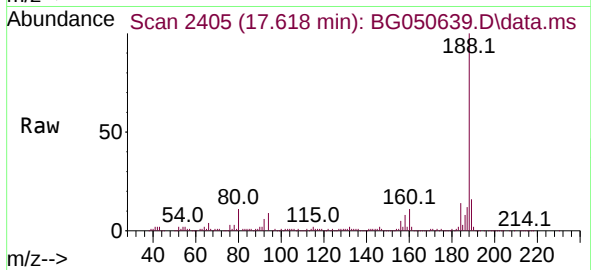




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

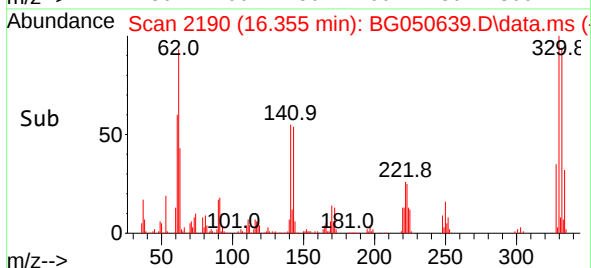
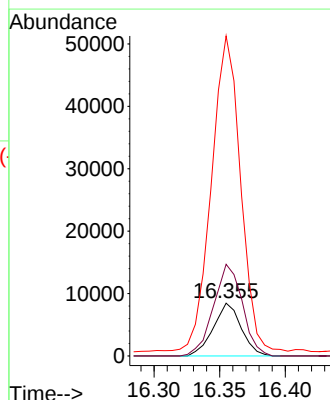
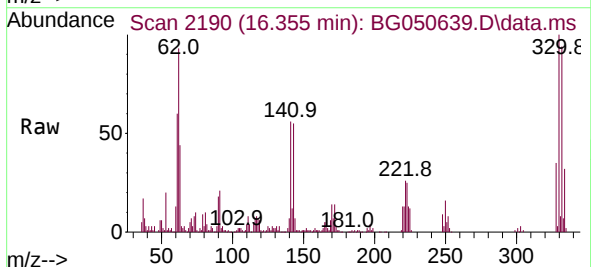
Instrument :
BNA_G
ClientSampleId :
137-138

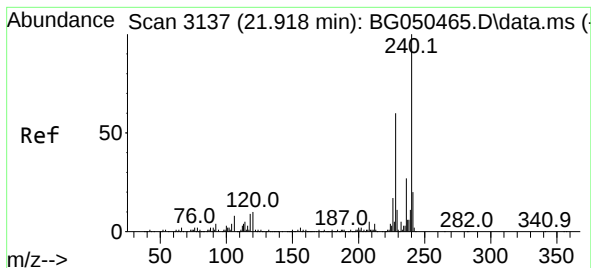
Tgt Ion:188 Resp: 237317
Ion Ratio Lower Upper
188 100
94 9.1 5.4 8.0#
80 11.0 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 5.216 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.446 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

Tgt Ion:248 Resp: 12474
Ion Ratio Lower Upper
248 100
250 173.4 76.1 114.1#
141 605.6 65.4 98.2#

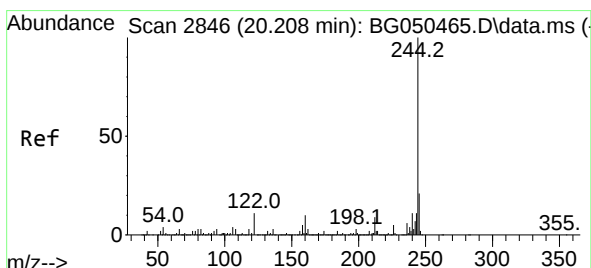
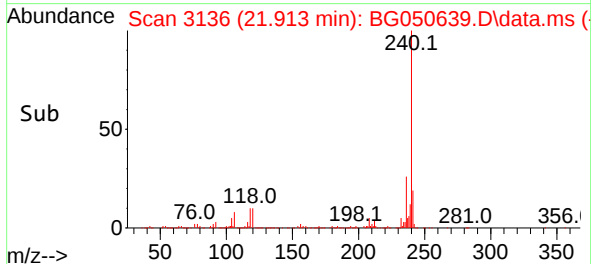
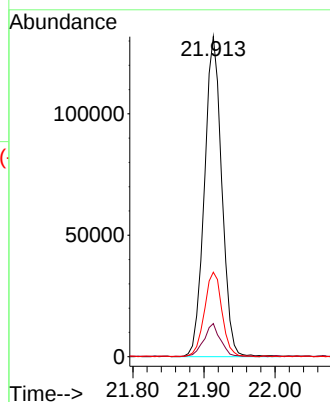
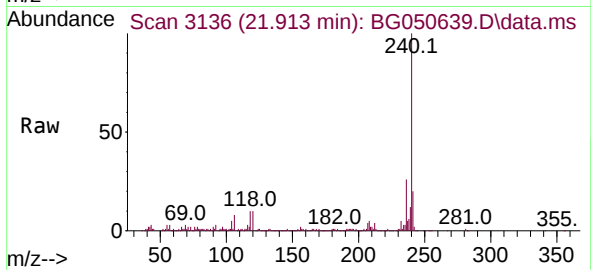




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3136
Delta R.T. -0.012 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

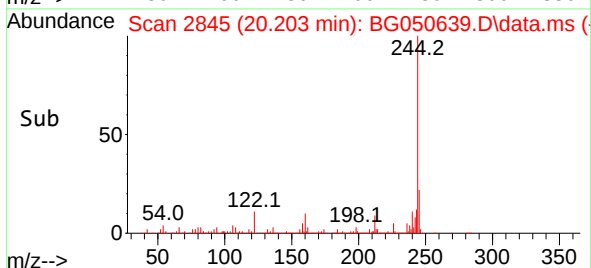
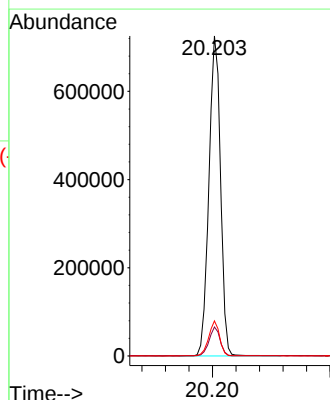
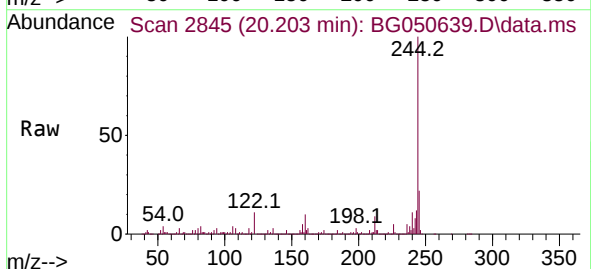
Instrument :
BNA_G
ClientSampleId :
137-138

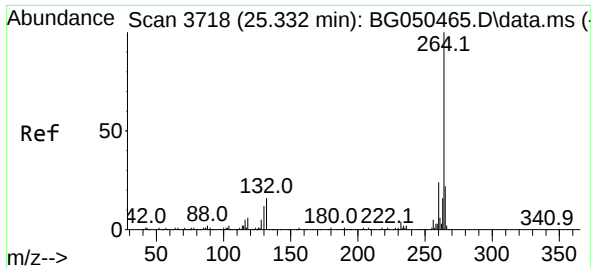
Tgt Ion:240 Resp: 224260
Ion Ratio Lower Upper
240 100
120 10.3 4.2 6.2#
236 26.4 21.8 32.6



#79
Terphenyl-d14
Concen: 86.443 ng
RT: 20.203 min Scan# 2845
Delta R.T. -0.006 min
Lab File: BG050639.D
Acq: 19 Oct 2021 17:50

Tgt Ion:244 Resp: 994742
Ion Ratio Lower Upper
244 100
212 9.1 6.9 10.3
122 10.9 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.327 min Scan# 3717
 Delta R.T. -0.006 min
 Lab File: BG050639.D
 Acq: 19 Oct 2021 17:50

Instrument :
 BNA_G
 ClientSampleId :
 137-138

Tgt Ion:264	Resp: 227834
Ion Ratio	Lower Upper
264	100
260	23.9 19.4 29.2
265	19.8 16.9 25.3

