

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011623\
 Data File : BG056303.D
 Acq On : 16 Jan 2023 19:32
 Operator : CG/JU
 Sample : 01132-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-1

Quant Time: Jan 17 05:26:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

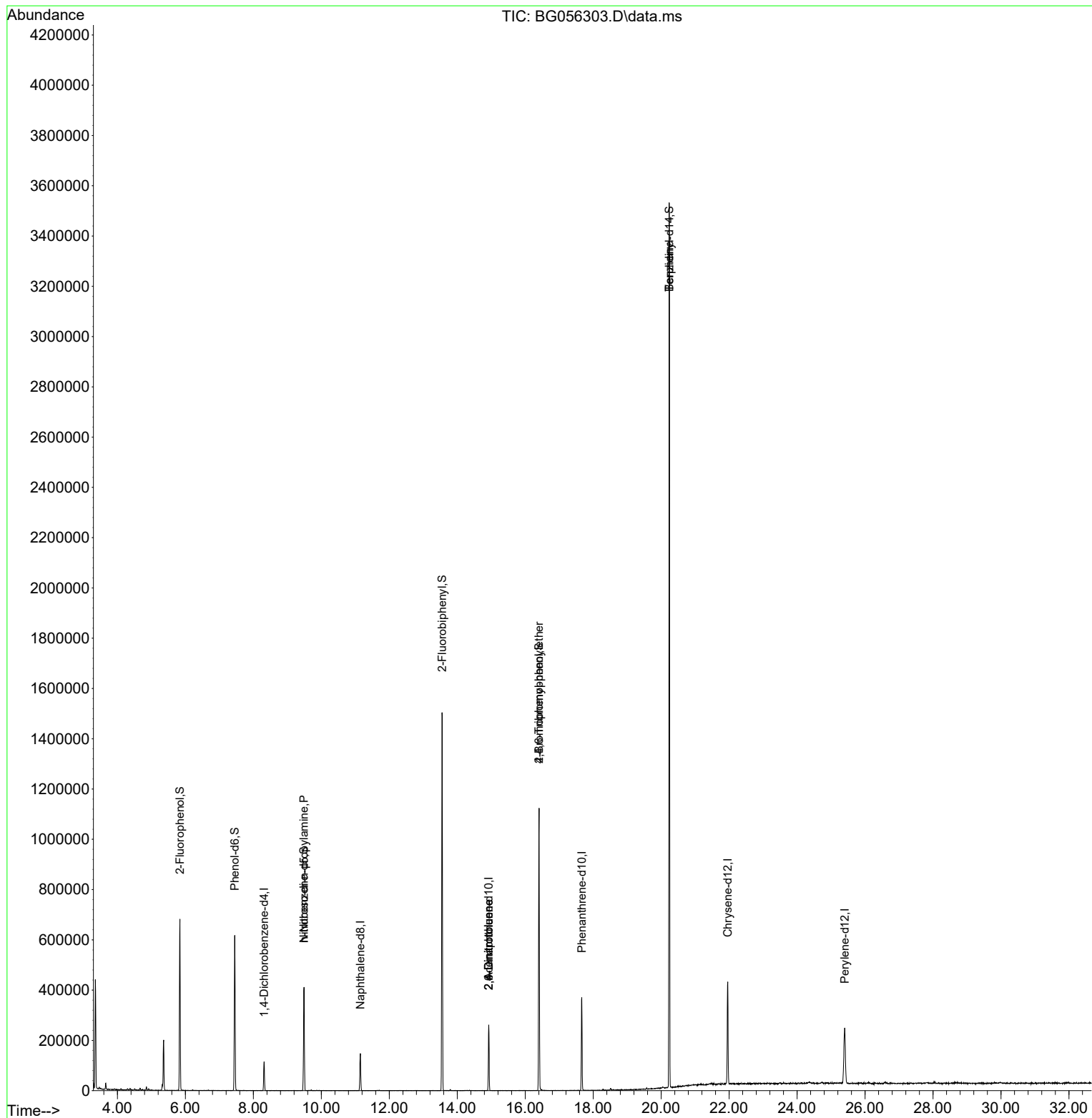
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.316	152	38318	20.000	ng	0.00
21) Naphthalene-d8	11.148	136	135668	20.000	ng	# 0.00
39) Acenaphthene-d10	14.926	164	104490	20.000	ng	0.00
64) Phenanthrene-d10	17.664	188	271505	20.000	ng	0.00
76) Chrysene-d12	21.959	240	274842	20.000	ng	0.00
86) Perylene-d12	25.402	264	288210	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.837	112	372777	173.702	ng	0.01
7) Phenol-d6	7.453	99	479808	145.584	ng	0.00
23) Nitrobenzene-d5	9.491	82	299611	112.964	ng	0.00
42) 2,4,6-Tribromophenol	16.407	330	234471	177.180	ng	0.00
45) 2-Fluorobiphenyl	13.557	172	868996	114.843	ng	0.00
79) Terphenyl-d14	20.238	244	1877509	122.351	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.491	70	36492	18.209	ng	# 74
51) 2,6-Dinitrotoluene	14.920	165	13219	7.355	ng	# 31
57) 2,4-Dinitrotoluene	14.920	165	13219	5.259	ng	# 28
67) 4-Bromophenyl-phenylether	16.407	248	19254	5.569	ng	# 1
77) Benzidine	20.238	184	26621	2.764	ng	# 87

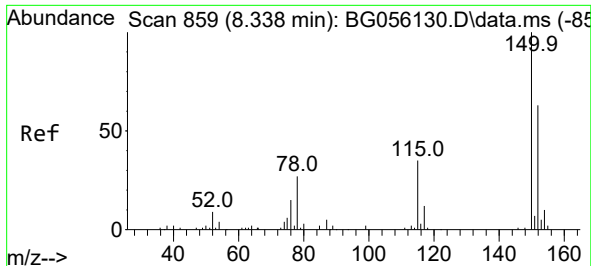
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

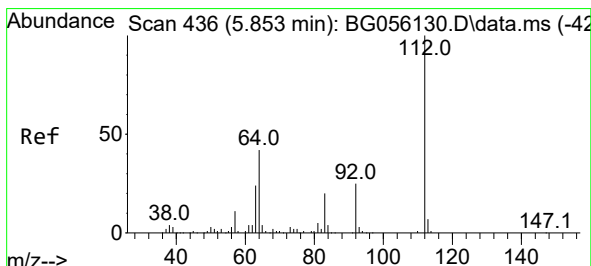
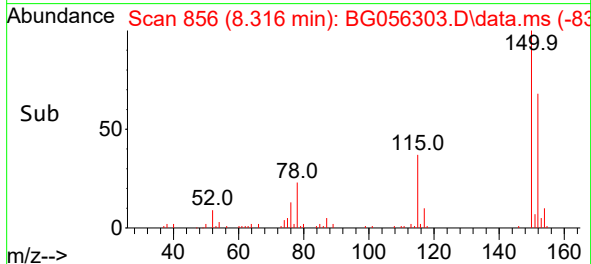
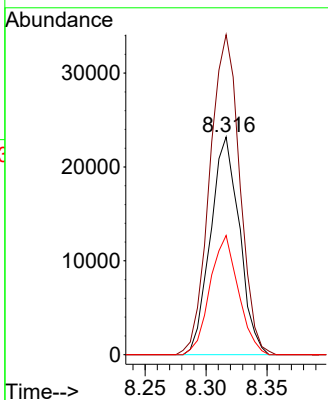
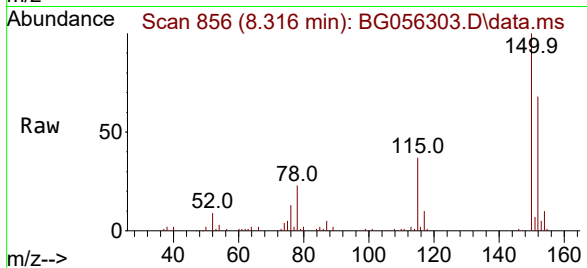




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.316 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG056303.D
Acq: 16 Jan 2023 19:32

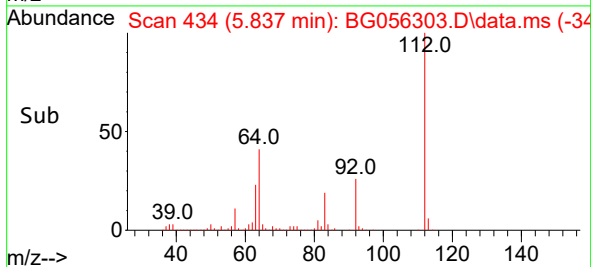
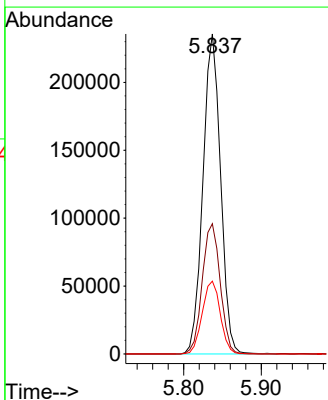
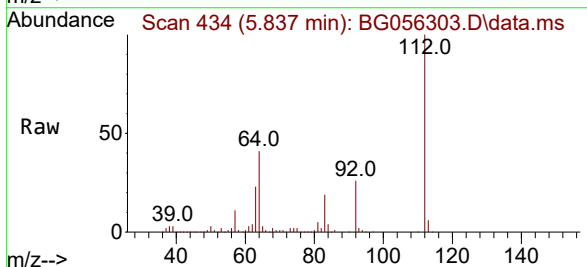
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

Tgt Ion:152 Resp: 38318
Ion Ratio Lower Upper
152 100
150 146.9 127.9 191.9
115 54.7 44.2 66.2



#5
2-Fluorophenol
Concen: 173.702 ng
RT: 5.837 min Scan# 434
Delta R.T. 0.011 min
Lab File: BG056303.D
Acq: 16 Jan 2023 19:32

Tgt Ion:112 Resp: 372777
Ion Ratio Lower Upper
112 100
64 40.7 33.3 49.9
63 22.7 19.0 28.4

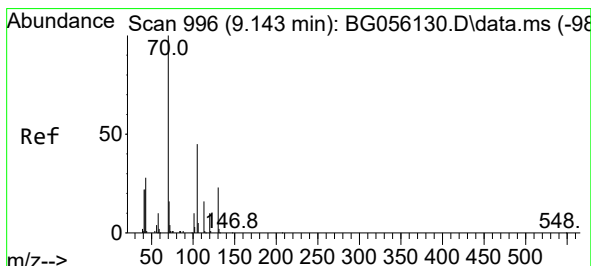
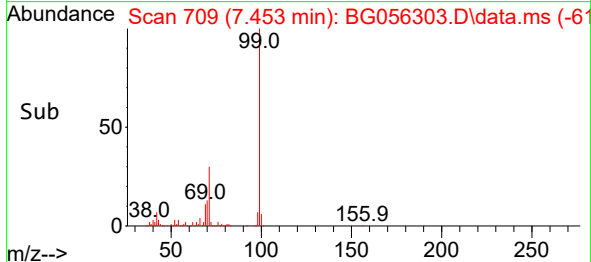
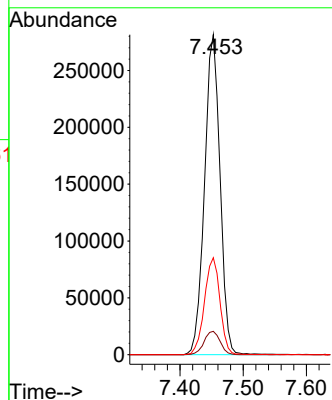
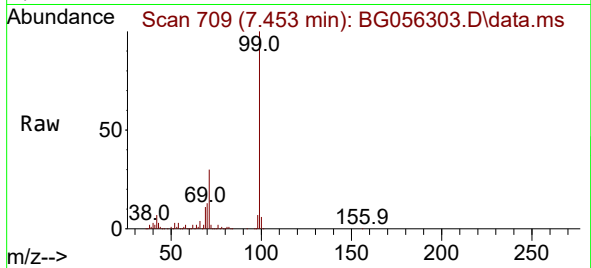




#7
Phenol-d6
Concen: 145.584 ng
RT: 7.453 min Scan# 711
Delta R.T. 0.006 min
Lab File: BG056303.D
Acq: 16 Jan 2023 19:32

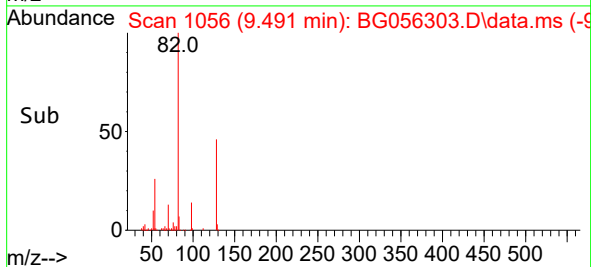
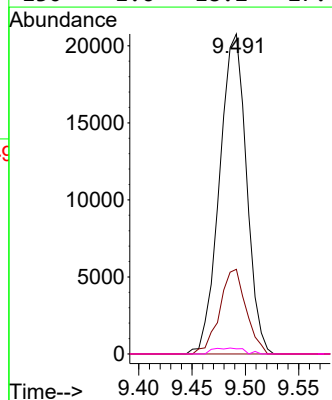
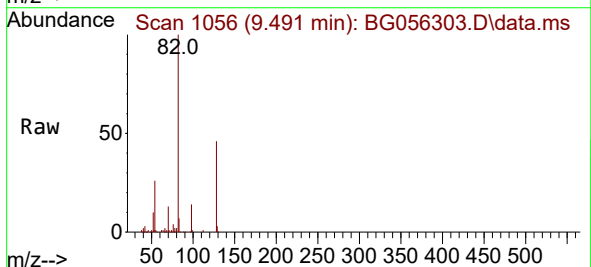
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

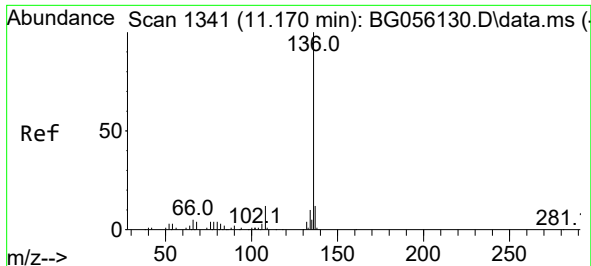
Tgt Ion: 99 Resp: 479808
Ion Ratio Lower Upper
99 100
42 7.3 5.9 8.9
71 30.3 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.209 ng
RT: 9.491 min Scan# 1056
Delta R.T. 0.376 min
Lab File: BG056303.D
Acq: 16 Jan 2023 19:32

Tgt Ion: 70 Resp: 36492
Ion Ratio Lower Upper
70 100
42 26.5 18.2 27.2
101 0.0 8.3 12.5#
130 1.6 18.2 27.4#

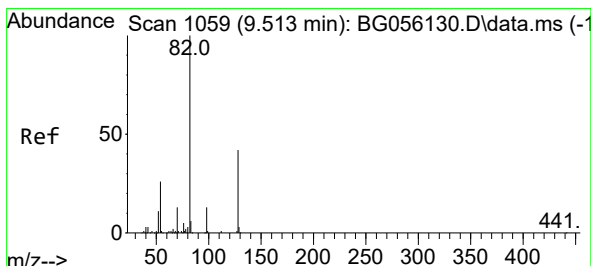
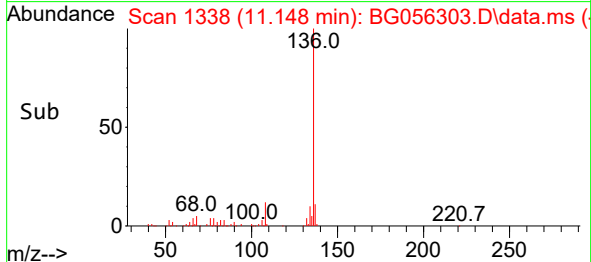
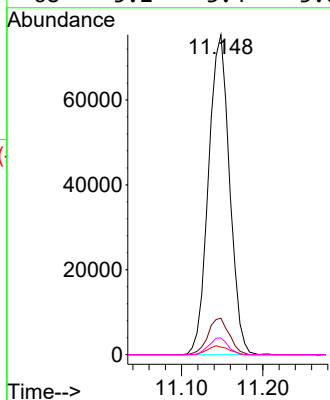
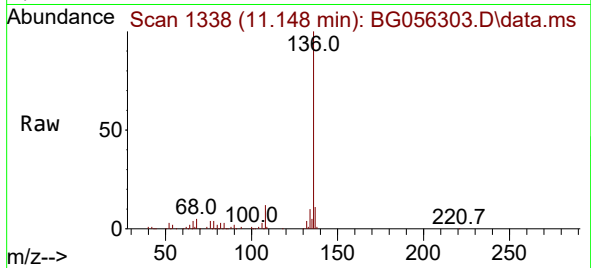




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.148 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG056303.D
Acq: 16 Jan 2023 19:32

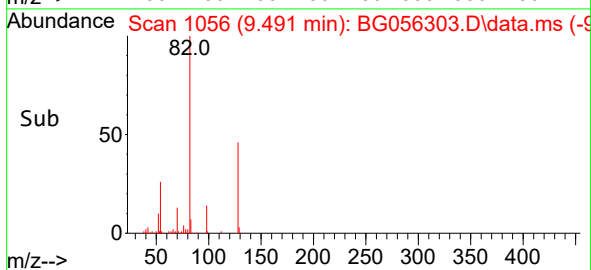
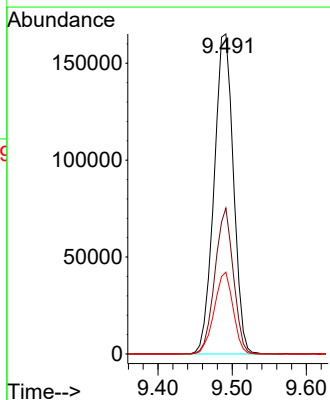
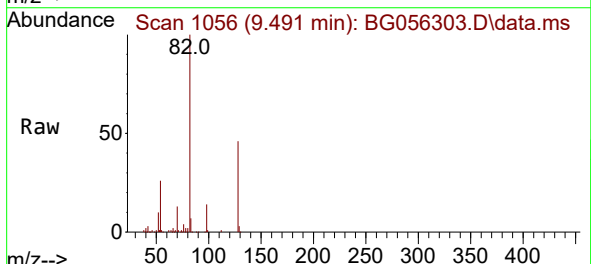
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

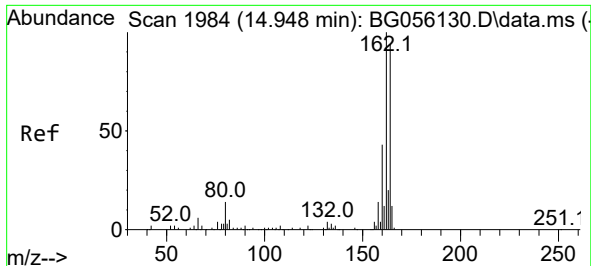
Tgt Ion:136 Resp: 135668
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.0
54 2.4 2.2 3.2
68 5.2 3.4 5.0#



#23
Nitrobenzene-d5
Concen: 112.964 ng
RT: 9.491 min Scan# 1056
Delta R.T. -0.000 min
Lab File: BG056303.D
Acq: 16 Jan 2023 19:32

Tgt Ion: 82 Resp: 299611
Ion Ratio Lower Upper
82 100
128 45.6 33.4 50.2
54 25.5 20.3 30.5

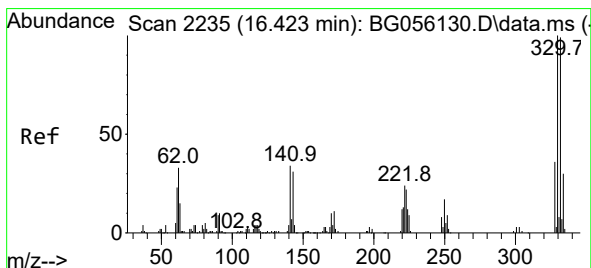
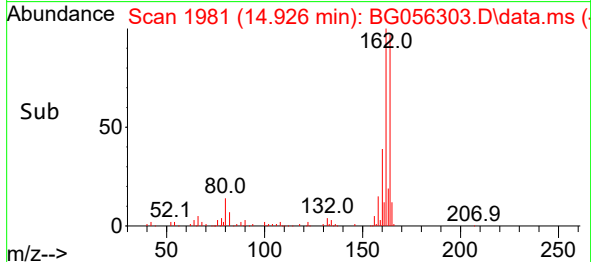
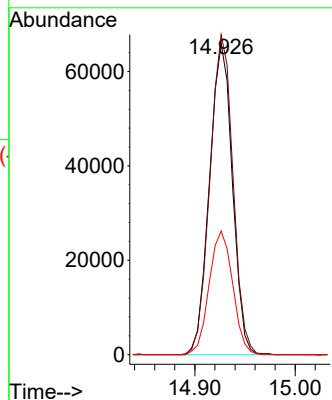
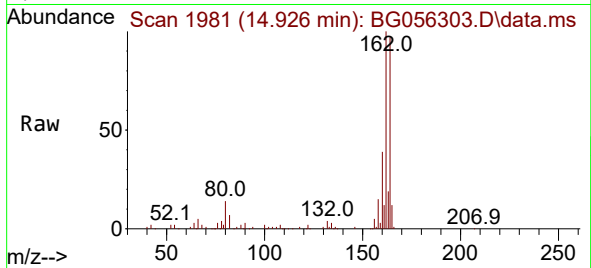




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.926 min Scan# 1981
Delta R.T. -0.000 min
Lab File: BG056303.D
Acq: 16 Jan 2023 19:32

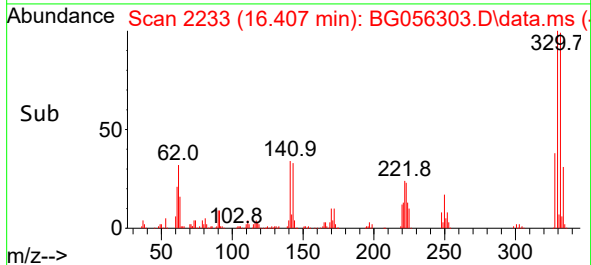
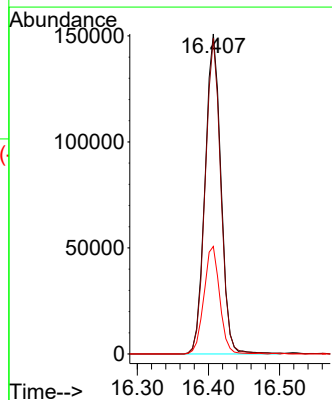
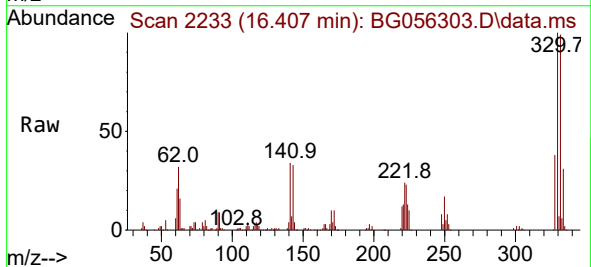
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

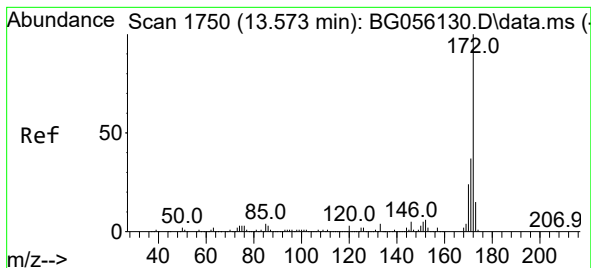
Tgt Ion:164 Resp: 104490
Ion Ratio Lower Upper
164 100
162 102.9 84.7 127.1
160 39.7 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 177.180 ng
RT: 16.407 min Scan# 2233
Delta R.T. -0.000 min
Lab File: BG056303.D
Acq: 16 Jan 2023 19:32

Tgt Ion:330 Resp: 234471
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 33.5 27.9 41.9

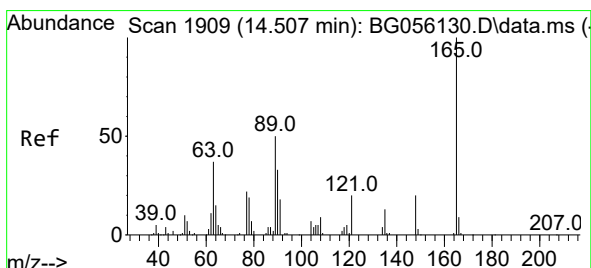
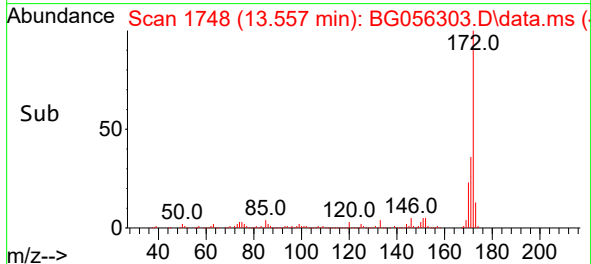
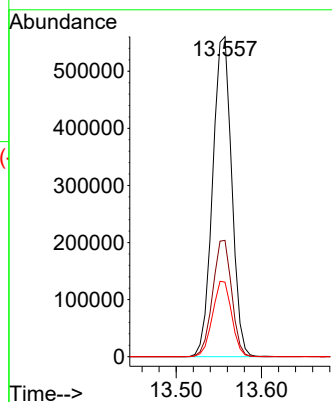
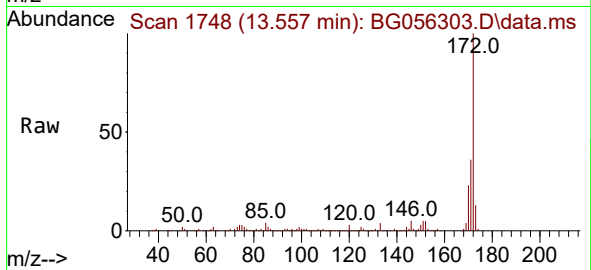




#45
2-Fluorobiphenyl
Concen: 114.843 ng
RT: 13.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG056303.D
Acq: 16 Jan 2023 19:32

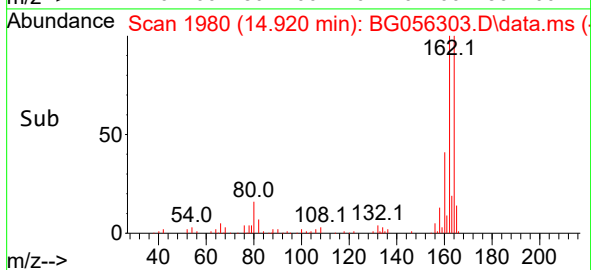
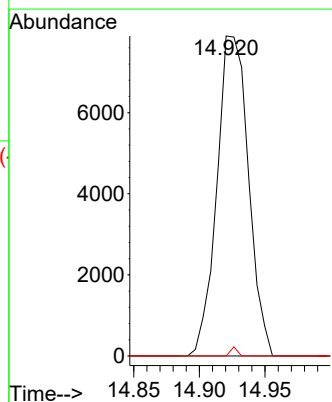
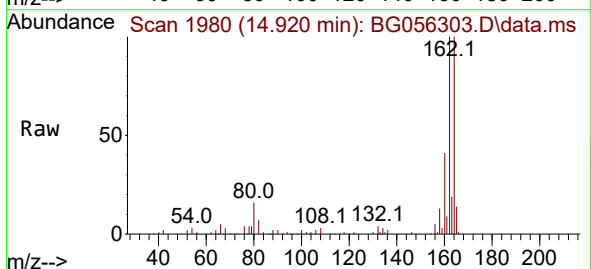
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

Tgt Ion:172 Resp: 868996
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 23.3 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.355 ng
RT: 14.920 min Scan# 1980
Delta R.T. 0.429 min
Lab File: BG056303.D
Acq: 16 Jan 2023 19:32

Tgt Ion:165 Resp: 13219
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 0.0 39.8 59.8#

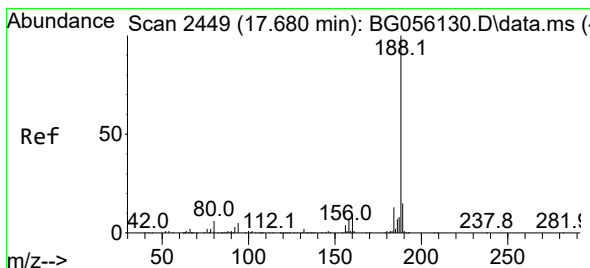
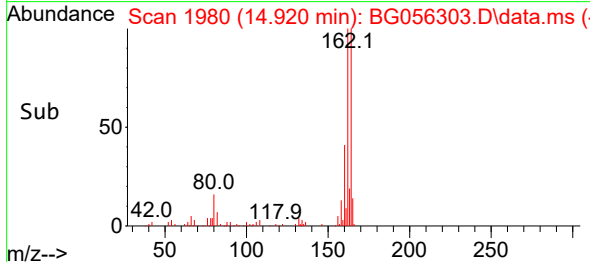
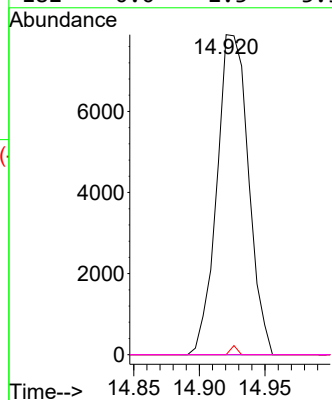
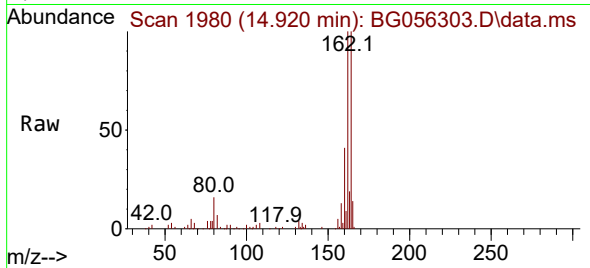




#57
2,4-Dinitrotoluene
Concen: 5.259 ng
RT: 14.920 min Scan# 1980
Delta R.T. -0.353 min
Lab File: BG056303.D
Acq: 16 Jan 2023 19:32

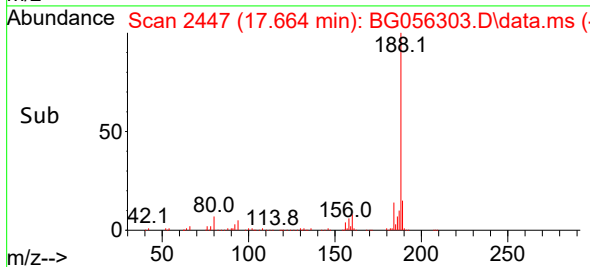
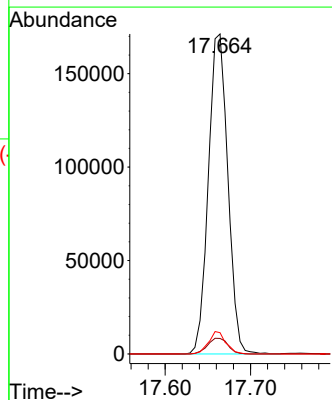
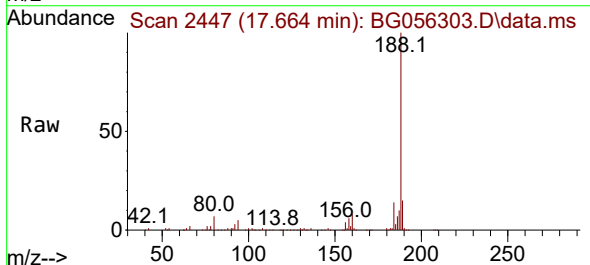
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

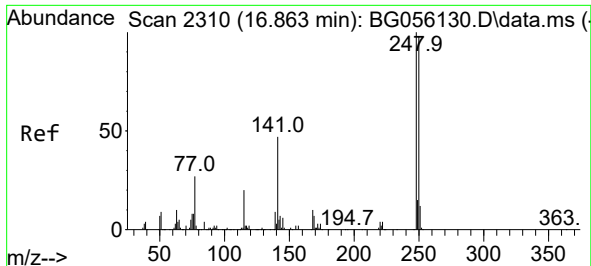
Tgt Ion:165 Resp: 13219
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 0.0 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.664 min Scan# 2447
Delta R.T. -0.000 min
Lab File: BG056303.D
Acq: 16 Jan 2023 19:32

Tgt Ion:188 Resp: 271505
Ion Ratio Lower Upper
188 100
94 4.9 4.2 6.2
80 6.6 5.0 7.4

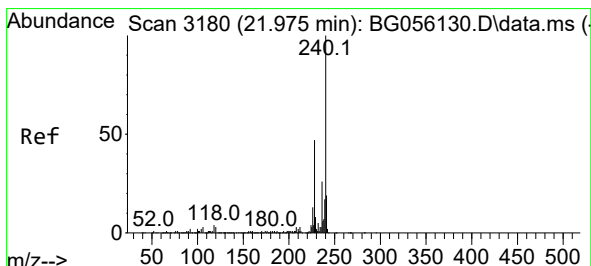
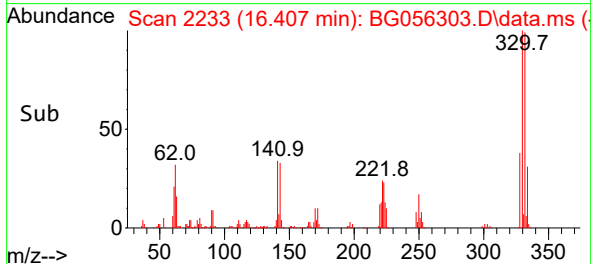
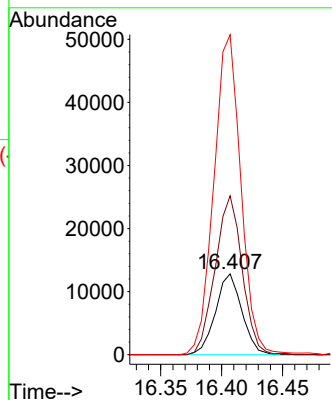
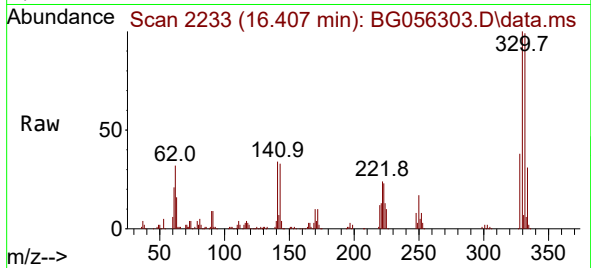




#67
4-Bromophenyl-phenylether
Concen: 5.569 ng
RT: 16.407 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG056303.D
Acq: 16 Jan 2023 19:32

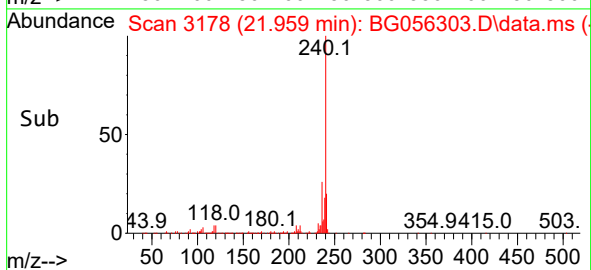
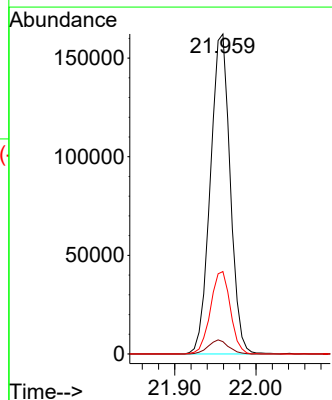
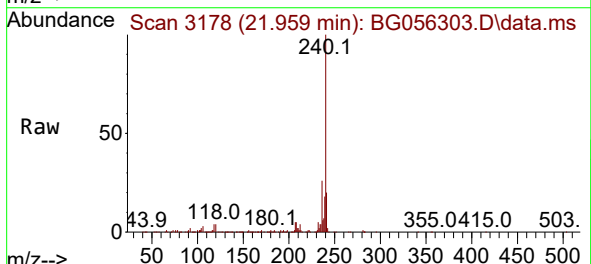
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

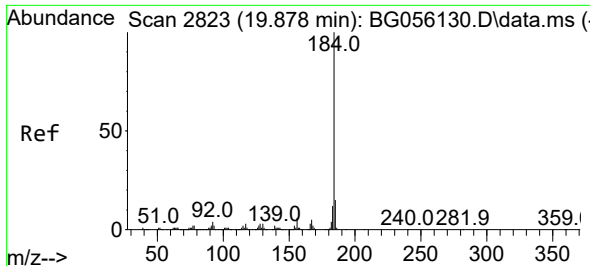
Tgt Ion:248 Resp: 19254
Ion Ratio Lower Upper
248 100
250 196.8 78.2 117.4#
141 396.2 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.959 min Scan# 3178
Delta R.T. -0.000 min
Lab File: BG056303.D
Acq: 16 Jan 2023 19:32

Tgt Ion:240 Resp: 274842
Ion Ratio Lower Upper
240 100
120 3.9 2.6 4.0
236 25.8 20.8 31.2

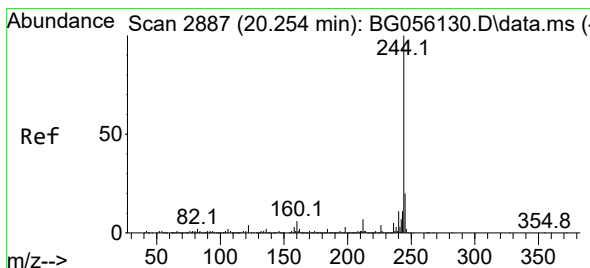
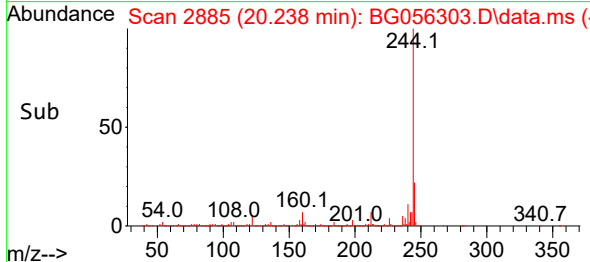
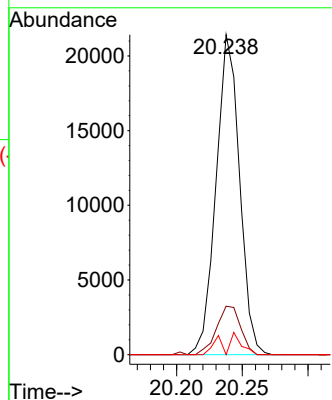
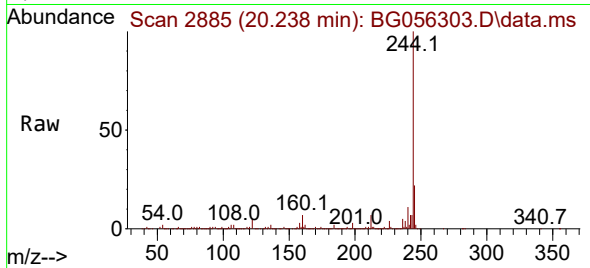




#77
Benzidine
Concen: 2.764 ng
RT: 20.238 min Scan# 2885
Delta R.T. 0.376 min
Lab File: BG056303.D
Acq: 16 Jan 2023 19:32

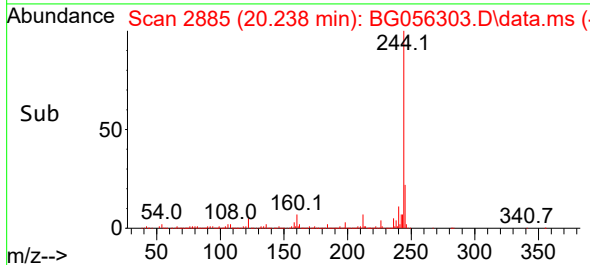
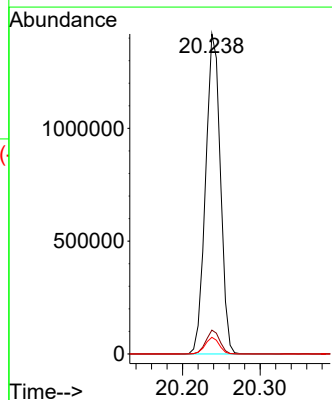
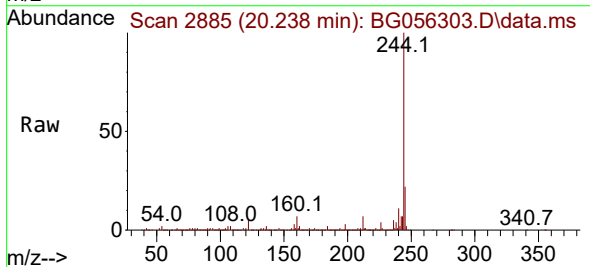
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

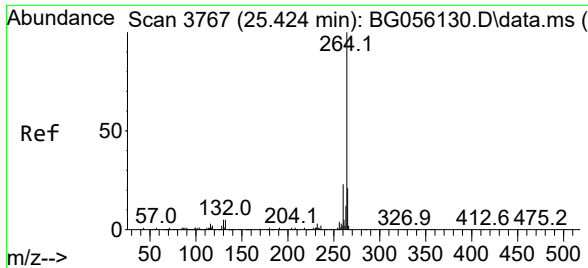
Tgt Ion:184 Resp: 26621
Ion Ratio Lower Upper
184 100
185 15.1 12.2 18.2
183 0.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 122.351 ng
RT: 20.238 min Scan# 2885
Delta R.T. -0.000 min
Lab File: BG056303.D
Acq: 16 Jan 2023 19:32

Tgt Ion:244 Resp: 1877509
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 5.2 3.5 5.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.402 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BG056303.D
 Acq: 16 Jan 2023 19:32

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-1

Tgt Ion:	264	Resp:	288210
Ion Ratio	Lower	Upper	
264	100		
260	25.1	18.6	28.0
265	23.4	16.7	25.1

