

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
 Data File : BG056530.D
 Acq On : 3 Feb 2023 1:41
 Operator : CG/JU
 Sample : 01401-01 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-1-212023

Quant Time: Feb 03 06:01:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 01:15:52 2023
 Response via : Initial Calibration

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

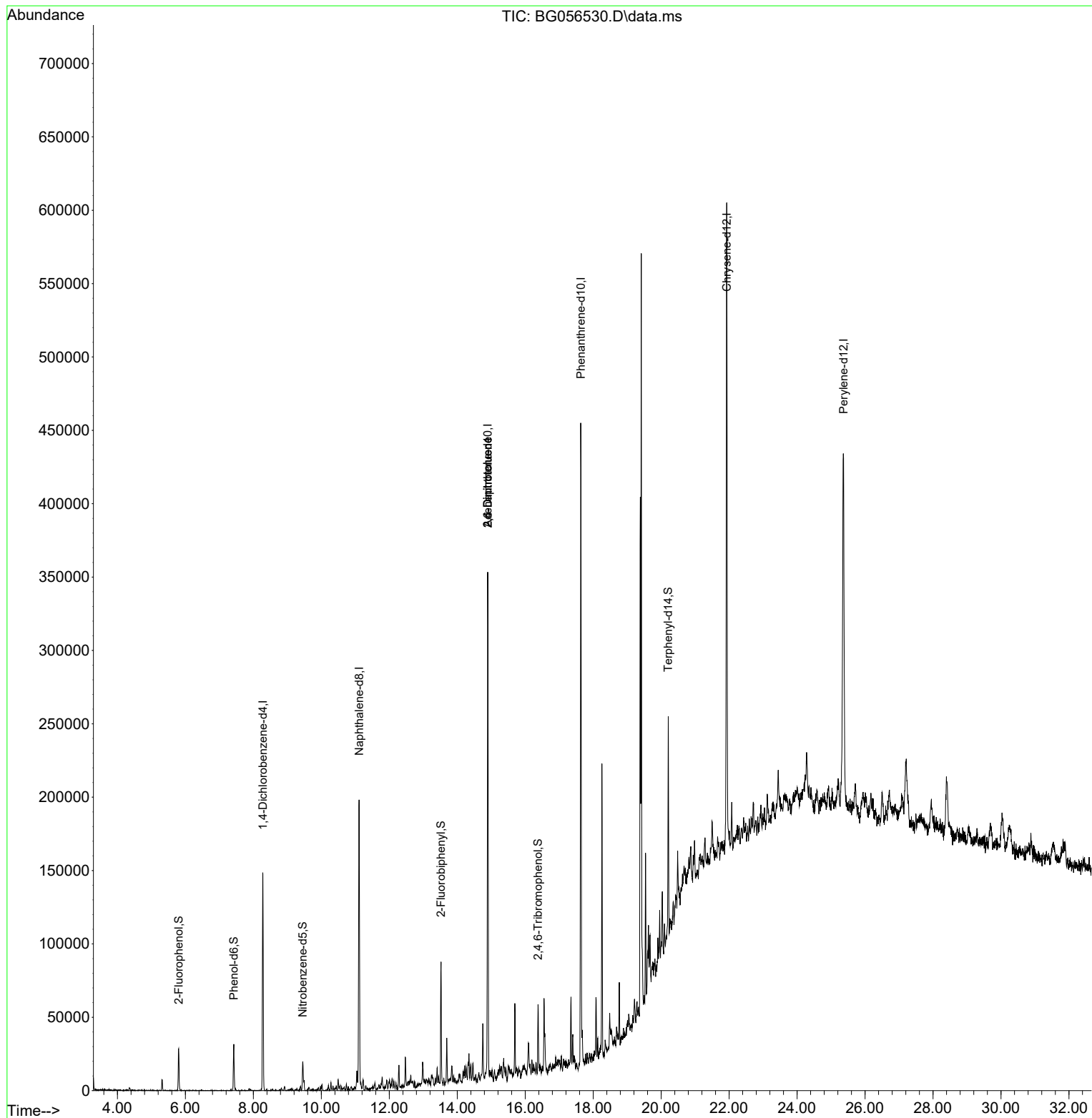
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.282	152	51035	20.000	ng	0.00
21) Naphthalene-d8	11.114	136	188254	20.000	ng	0.00
39) Acenaphthene-d10	14.897	164	130741	20.000	ng	0.00
64) Phenanthrene-d10	17.635	188	299127	20.000	ng	0.00
76) Chrysene-d12	21.930	240	293554	20.000	ng	# 0.00
86) Perylene-d12	25.368	264	320744	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.802	112	18837	6.790	ng	0.00
7) Phenol-d6	7.424	99	26291	6.396	ng	0.00
23) Nitrobenzene-d5	9.451	82	14581	4.398	ng	0.00
42) 2,4,6-Tribromophenol	16.378	330	10343	5.951	ng	0.00
45) 2-Fluorobiphenyl	13.523	172	45983	4.876	ng	0.00
79) Terphenyl-d14	20.209	244	80224	4.800	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.897	165	17643	7.649	ng	# 37
57) 2,4-Dinitrotoluene	14.897	165	17643	5.430	ng	# 36

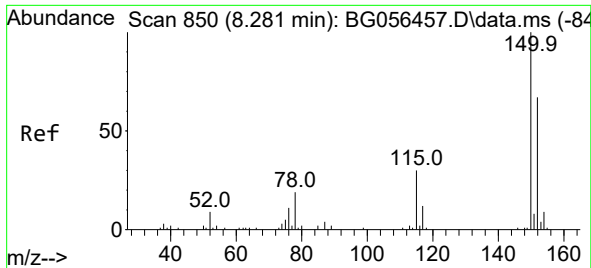
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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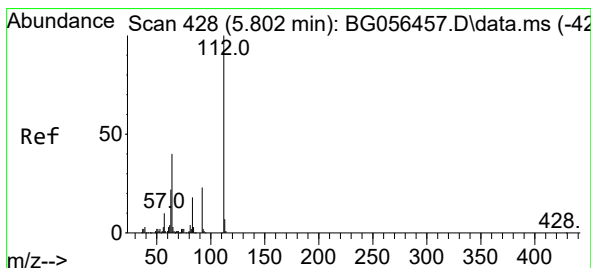
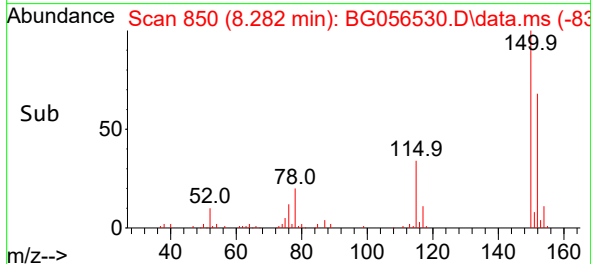
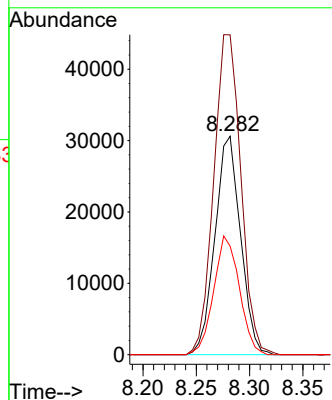
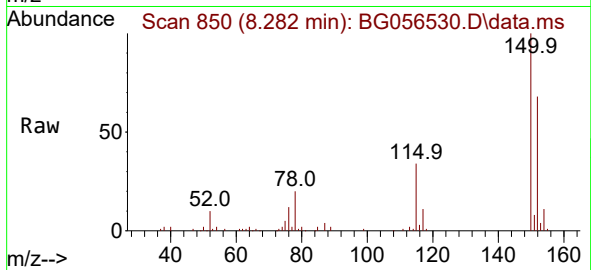




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.282 min Scan# 850
Delta R.T. 0.007 min
Lab File: BG056530.D
Acq: 3 Feb 2023 1:41

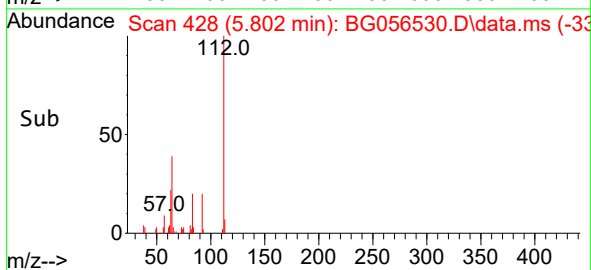
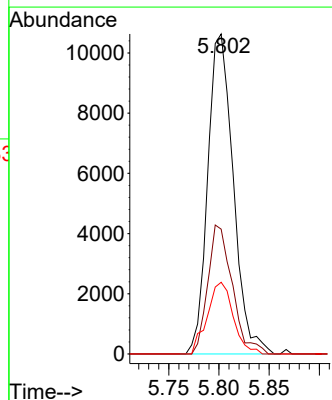
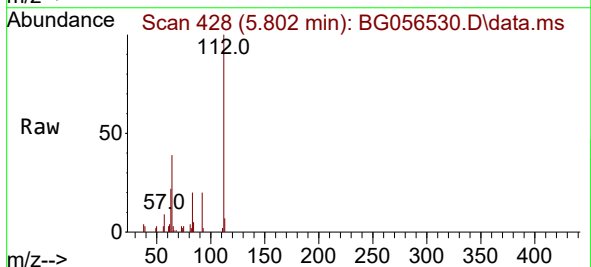
Instrument :
BNA_G
ClientSampleId :
OK-1-212023

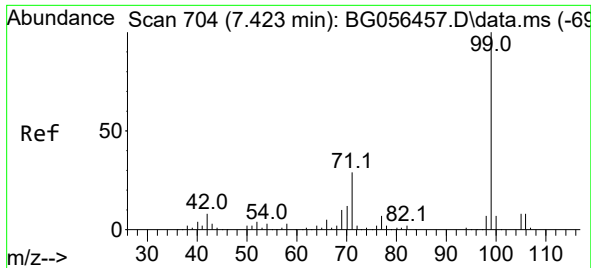
Tgt Ion:152 Resp: 51035
Ion Ratio Lower Upper
152 100
150 146.4 120.2 180.4
115 49.7 36.3 54.5



#5
2-Fluorophenol
Concen: 6.790 ng
RT: 5.802 min Scan# 428
Delta R.T. 0.006 min
Lab File: BG056530.D
Acq: 3 Feb 2023 1:41

Tgt Ion:112 Resp: 18837
Ion Ratio Lower Upper
112 100
64 39.0 31.9 47.9
63 22.4 17.4 26.0

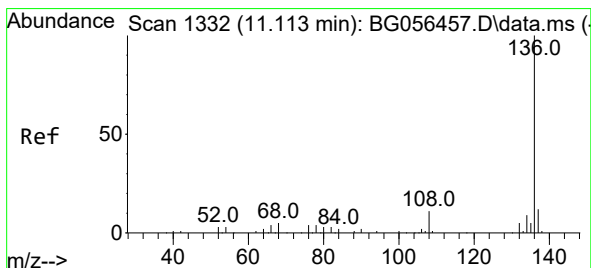
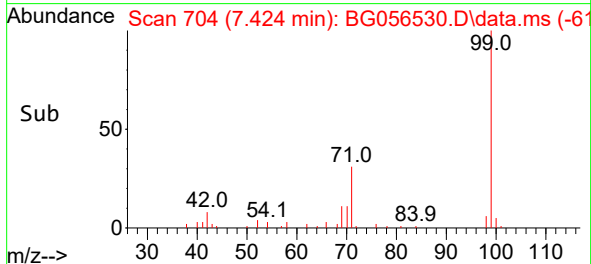
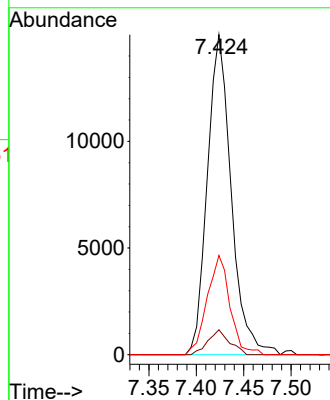
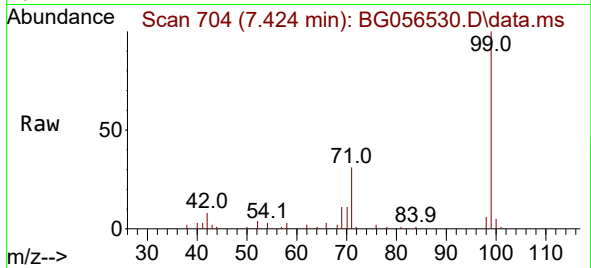




#7
Phenol-d6
Concen: 6.396 ng
RT: 7.424 min Scan# 704
Delta R.T. 0.006 min
Lab File: BG056530.D
Acq: 3 Feb 2023 1:41

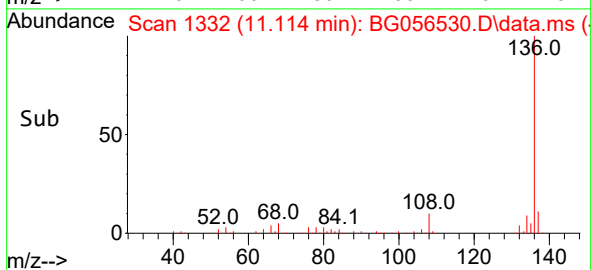
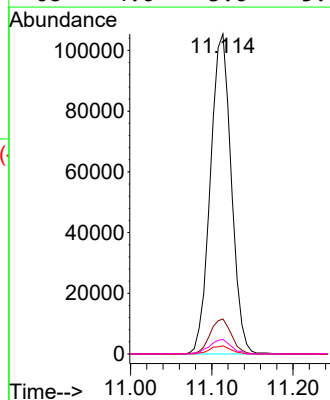
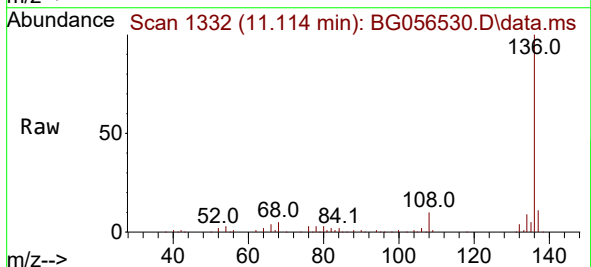
Instrument :
BNA_G
ClientSampleId :
OK-1-212023

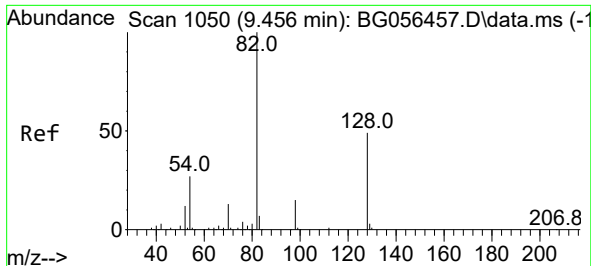
Tgt Ion: 99 Resp: 26291
Ion Ratio Lower Upper
99 100
42 7.8 6.6 10.0
71 31.0 23.4 35.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.114 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BG056530.D
Acq: 3 Feb 2023 1:41

Tgt Ion:136 Resp: 188254
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.0
54 2.5 2.2 3.4
68 4.6 3.6 5.4

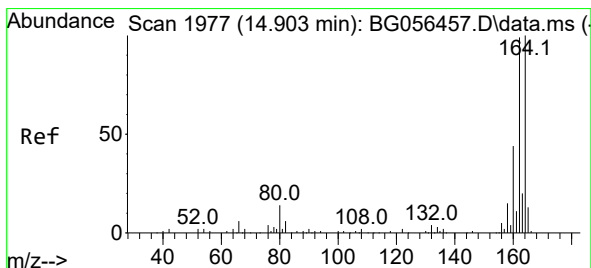
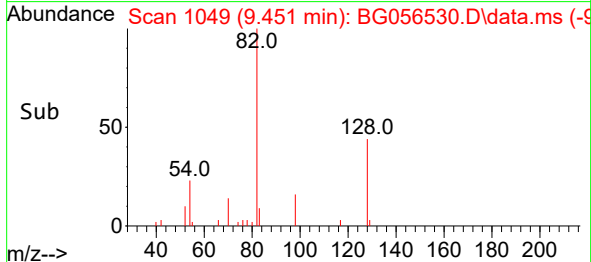
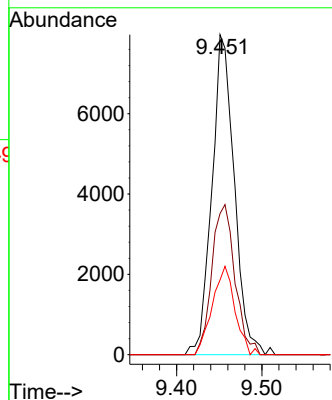
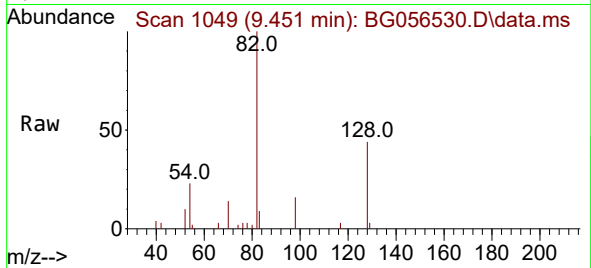




#23
Nitrobenzene-d5
Concen: 4.398 ng
RT: 9.451 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BG056530.D
Acq: 3 Feb 2023 1:41

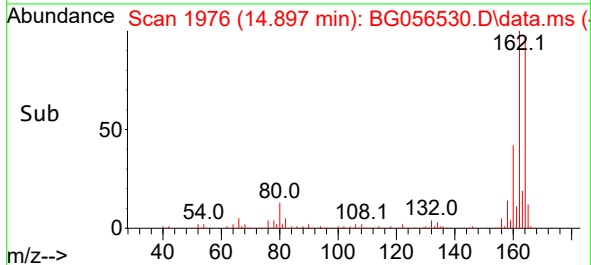
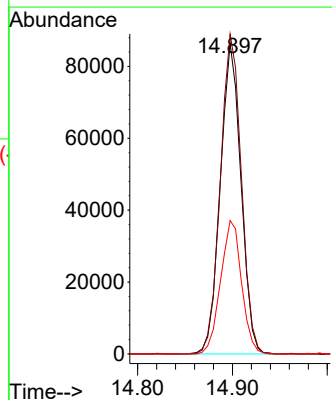
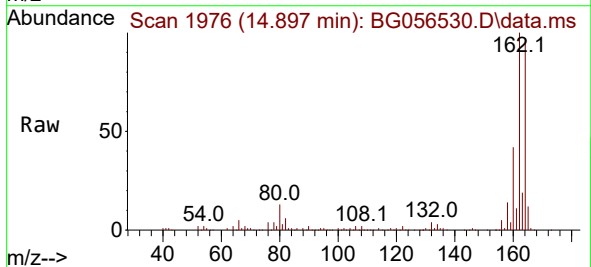
Instrument :
BNA_G
ClientSampleId :
OK-1-212023

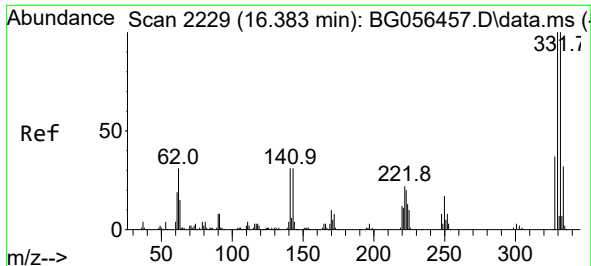
Tgt Ion: 82 Resp: 14581
Ion Ratio Lower Upper
82 100
128 44.1 39.4 59.2
54 23.4 21.4 32.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.897 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BG056530.D
Acq: 3 Feb 2023 1:41

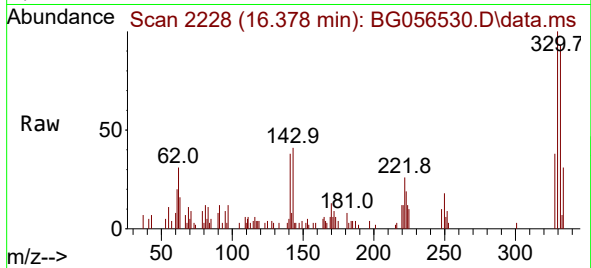
Tgt Ion:164 Resp: 130741
Ion Ratio Lower Upper
164 100
162 103.0 79.6 119.4
160 42.9 34.9 52.3



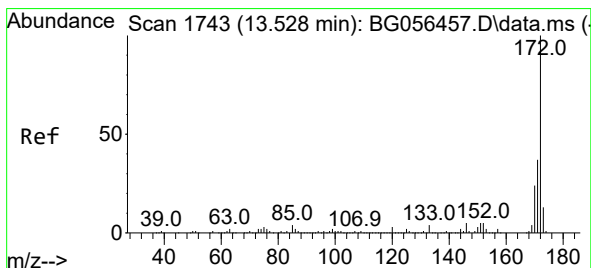
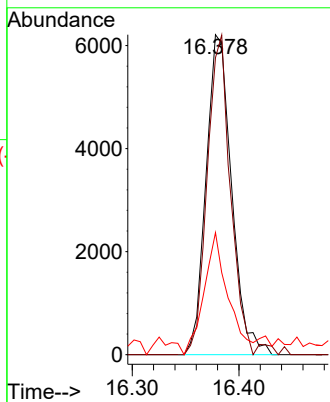
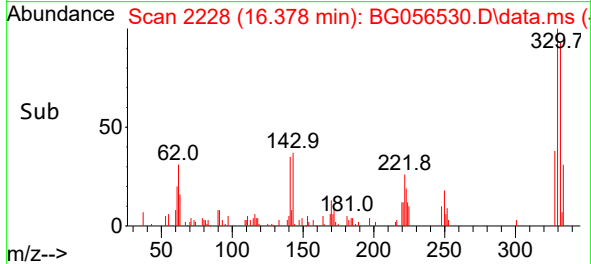


#42
2,4,6-Tribromophenol
Concen: 5.951 ng
RT: 16.378 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG056530.D
Acq: 3 Feb 2023 1:41

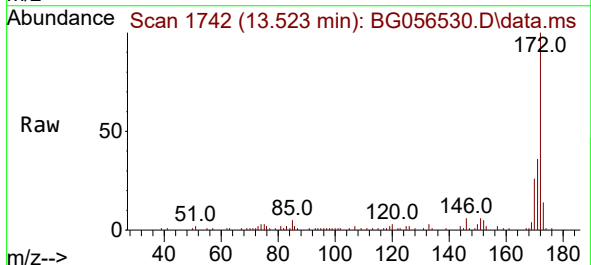
Instrument :
BNA_G
ClientSampleId :
OK-1-212023



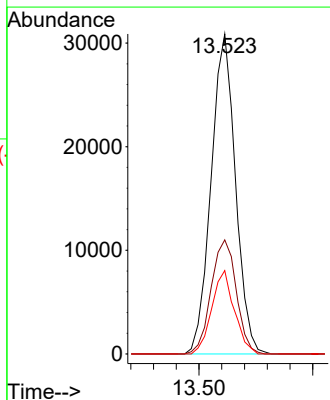
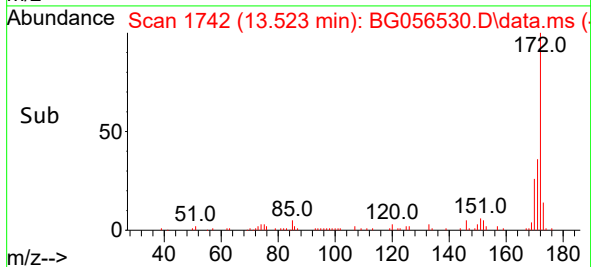
Tgt Ion:330 Resp: 10343
Ion Ratio Lower Upper
330 100
332 91.4 79.0 118.6
141 36.0 24.2 36.4

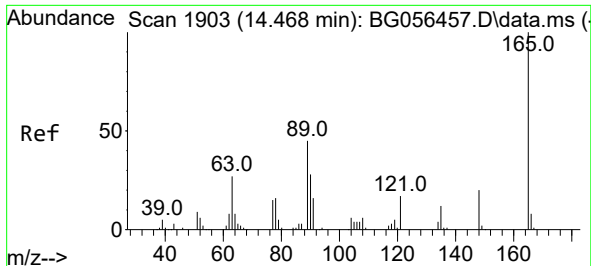


#45
2-Fluorobiphenyl
Concen: 4.876 ng
RT: 13.523 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BG056530.D
Acq: 3 Feb 2023 1:41



Tgt Ion:172 Resp: 45983
Ion Ratio Lower Upper
172 100
171 35.7 29.5 44.3
170 26.1 19.2 28.8

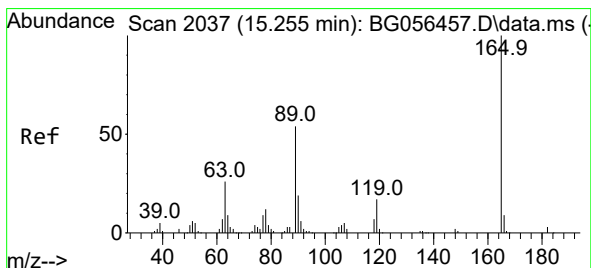
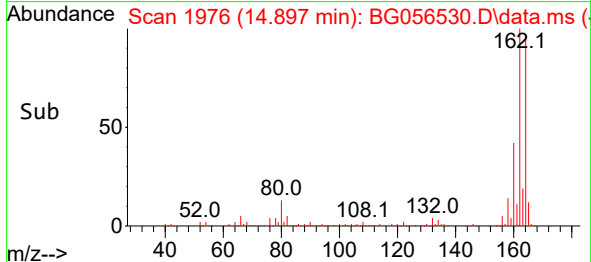
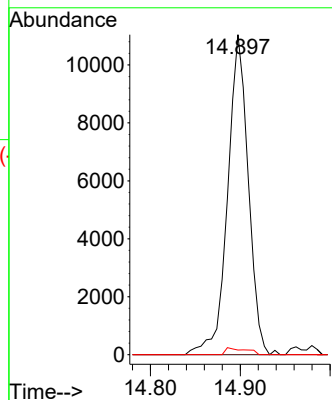
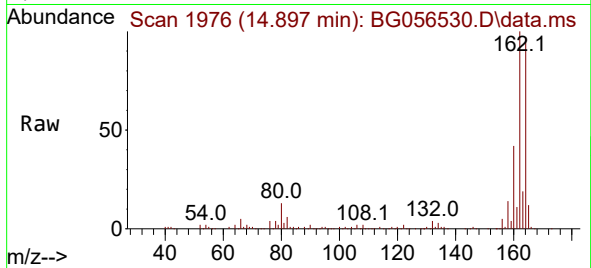




#51
2,6-Dinitrotoluene
Concen: 7.649 ng
RT: 14.897 min Scan# 1976
Delta R.T. 0.429 min
Lab File: BG056530.D
Acq: 3 Feb 2023 1:41

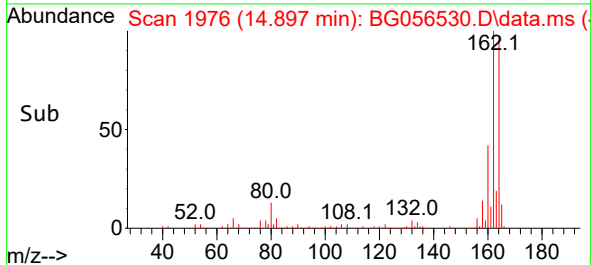
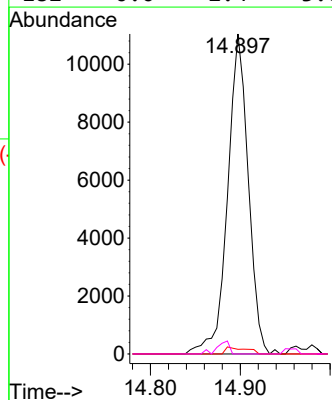
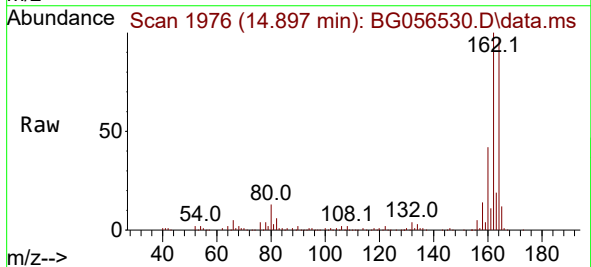
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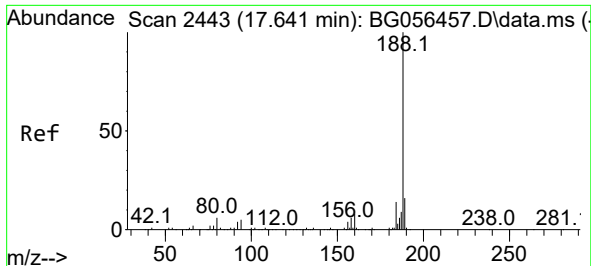
Tgt Ion:165 Resp: 17643
Ion Ratio Lower Upper
165 100
63 0.0 26.9 40.3#
89 1.4 35.6 53.4#



#57
2,4-Dinitrotoluene
Concen: 5.430 ng
RT: 14.897 min Scan# 1976
Delta R.T. -0.352 min
Lab File: BG056530.D
Acq: 3 Feb 2023 1:41

Tgt Ion:165 Resp: 17643
Ion Ratio Lower Upper
165 100
63 0.0 20.6 31.0#
89 1.4 43.1 64.7#
182 0.0 2.4 3.6#

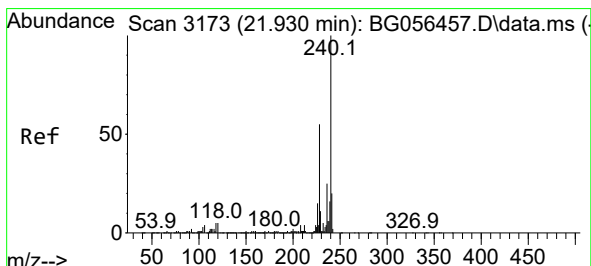
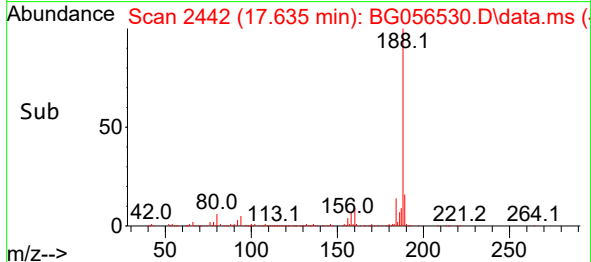
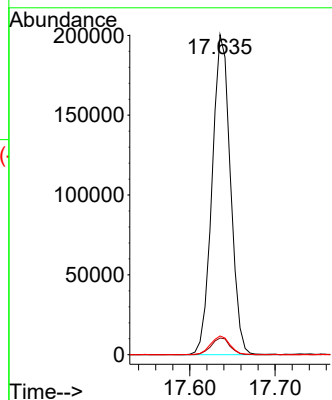
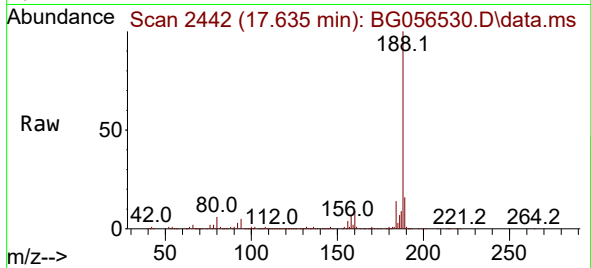




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.635 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BG056530.D
Acq: 3 Feb 2023 1:41

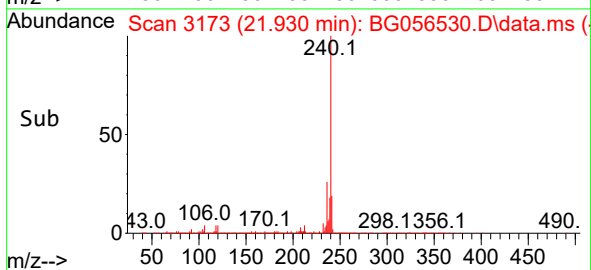
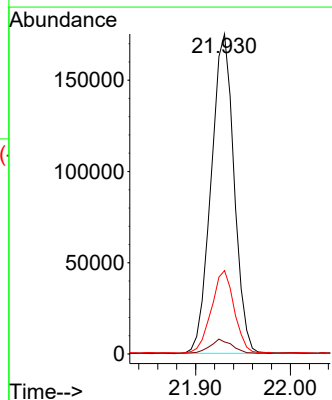
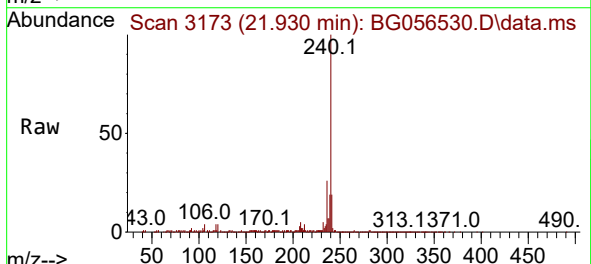
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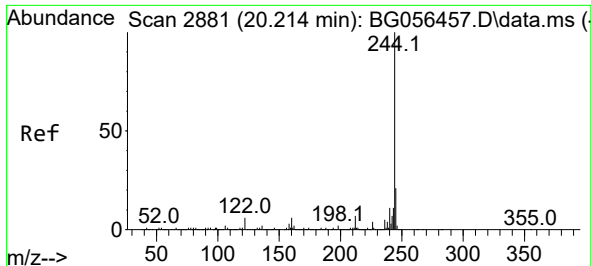
Tgt Ion:188 Resp: 299127
Ion Ratio Lower Upper
188 100
94 5.2 4.1 6.1
80 5.9 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.930 min Scan# 3173
Delta R.T. 0.006 min
Lab File: BG056530.D
Acq: 3 Feb 2023 1:41

Tgt Ion:240 Resp: 293554
Ion Ratio Lower Upper
240 100
120 3.7 3.8 5.8#
236 26.0 20.2 30.2

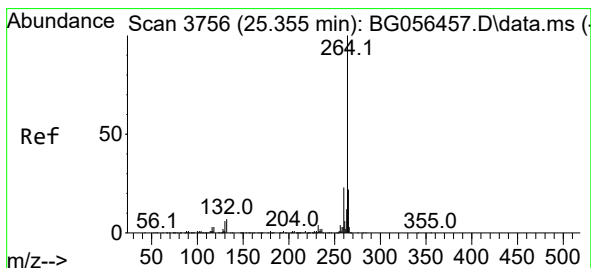
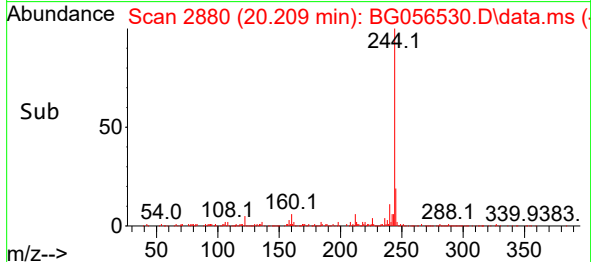
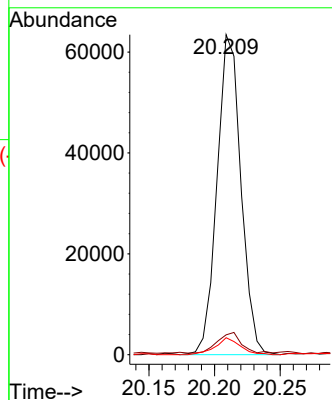
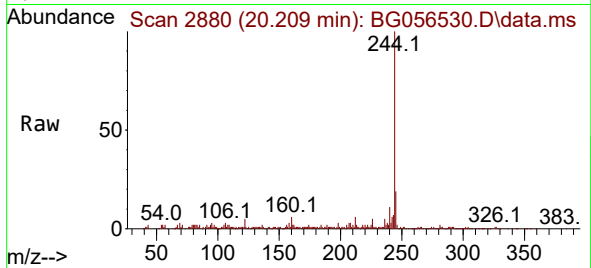




#79
 Terphenyl-d14
 Concen: 4.800 ng
 RT: 20.209 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG056530.D
 Acq: 3 Feb 2023 1:41

Instrument :
 BNA_G
 ClientSampleId :
 OK-1-212023

Tgt Ion:244 Resp: 80224
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.5 8.3
 122 5.3 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.368 min Scan# 3758
 Delta R.T. 0.024 min
 Lab File: BG056530.D
 Acq: 3 Feb 2023 1:41

Tgt Ion:264 Resp: 320744
 Ion Ratio Lower Upper
 264 100
 260 25.7 18.2 27.4
 265 21.7 18.1 27.1

