

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
 Data File : BG056617.D
 Acq On : 10 Feb 2023 22:48
 Operator : CG/JU
 Sample : 01328-21
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-5-BORING-2-0-7

Quant Time: Feb 10 23:30:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 10 22:46:08 2023
 Response via : Initial Calibration

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

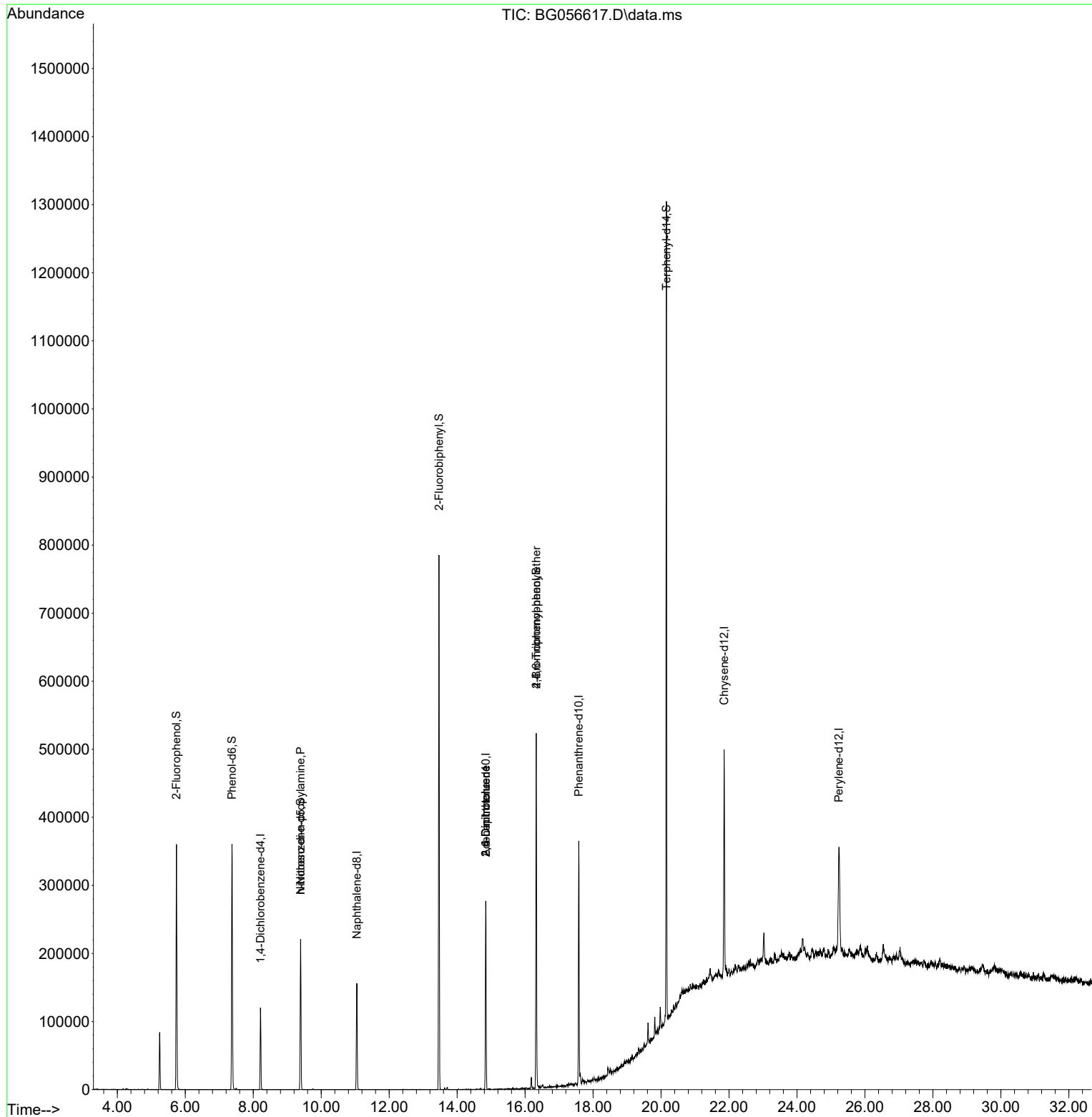
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.214	152	40347	20.000	ng	0.00
21) Naphthalene-d8	11.046	136	148265	20.000	ng	0.00
39) Acenaphthene-d10	14.841	164	106464	20.000	ng	0.00
64) Phenanthrene-d10	17.579	188	234998	20.000	ng	0.00
76) Chrysene-d12	21.856	240	211058	20.000	ng	0.00
86) Perylene-d12	25.235	264	223241	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.740	112	208825	95.212	ng	0.01
7) Phenol-d6	7.373	99	286735	88.234	ng	0.00
23) Nitrobenzene-d5	9.395	82	151123	57.880	ng	0.00
42) 2,4,6-Tribromophenol	16.328	330	113685	80.321	ng	0.00
45) 2-Fluorobiphenyl	13.466	172	450200	58.627	ng	0.00
79) Terphenyl-d14	20.158	244	626978	52.175	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.362	77	559	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.395	70	18638	9.952 ng	#	74
51) 2,6-Dinitrotoluene	14.841	165	14020	7.464 ng	#	36
57) 2,4-Dinitrotoluene	14.841	165	14020	5.299 ng	#	35
67) 4-Bromophenyl-phenylether	16.328	248	8675	2.884 ng	#	1

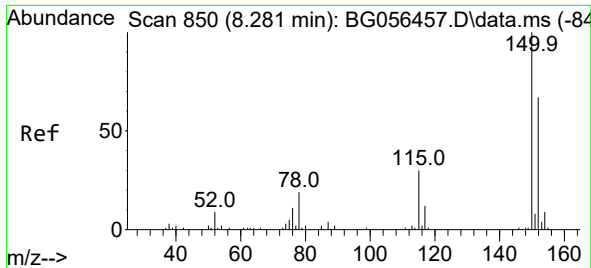
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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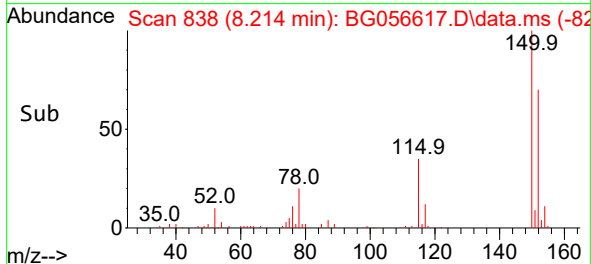
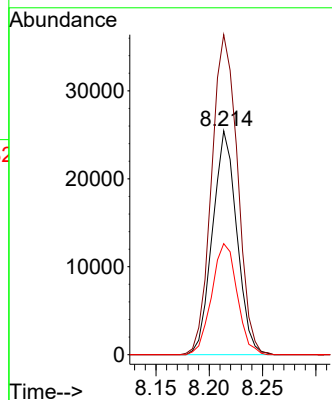
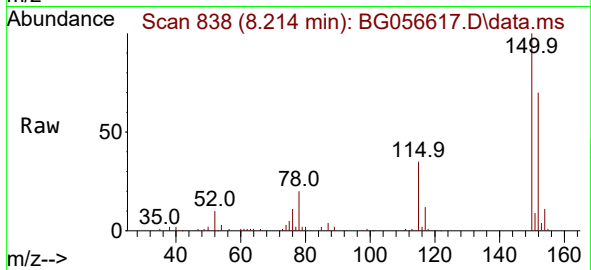




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.214 min Scan# 81
Delta R.T. 0.007 min
Lab File: BG056617.D
Acq: 10 Feb 2023 22:48

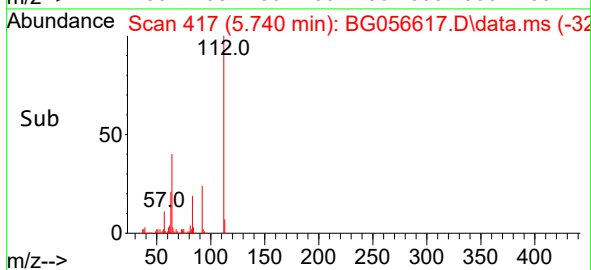
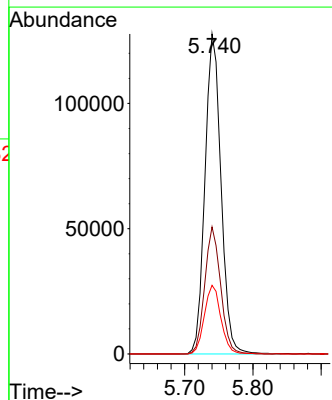
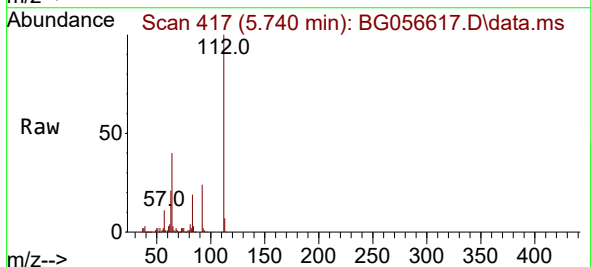
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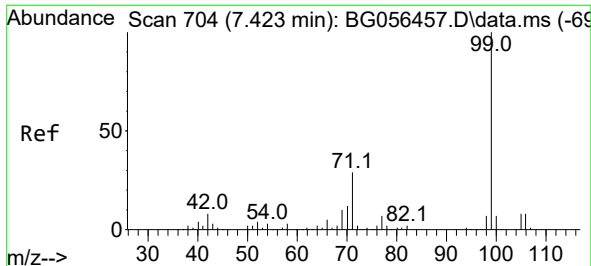
Tgt Ion:152 Resp: 40347
Ion Ratio Lower Upper
152 100
150 143.0 120.2 180.4
115 49.6 36.3 54.5



#5
2-Fluorophenol
Concen: 95.212 ng
RT: 5.740 min Scan# 417
Delta R.T. 0.012 min
Lab File: BG056617.D
Acq: 10 Feb 2023 22:48

Tgt Ion:112 Resp: 208825
Ion Ratio Lower Upper
112 100
64 39.7 31.9 47.9
63 21.5 17.4 26.0

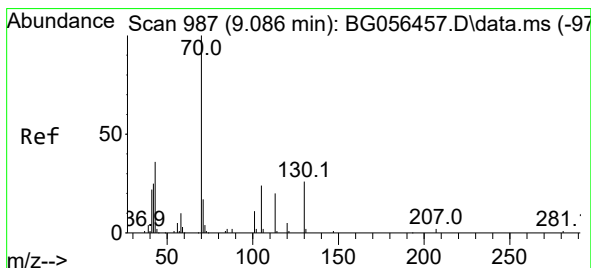
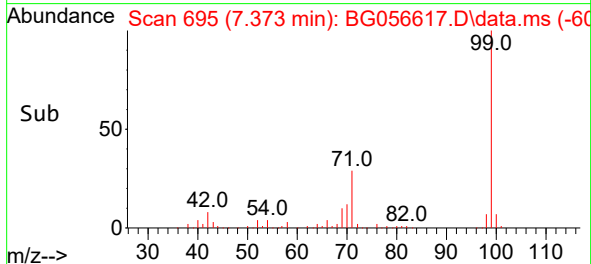
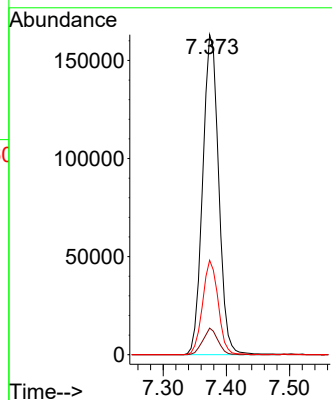
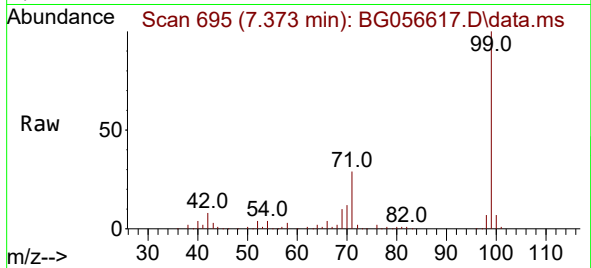




#7
Phenol-d6
Concen: 88.234 ng
RT: 7.373 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG056617.D
Acq: 10 Feb 2023 22:48

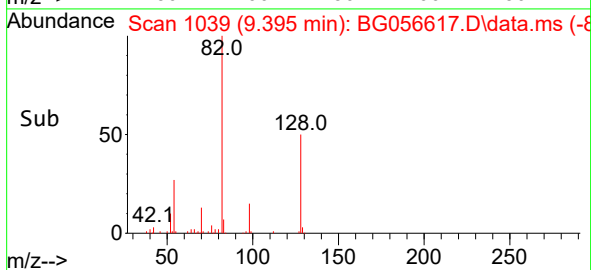
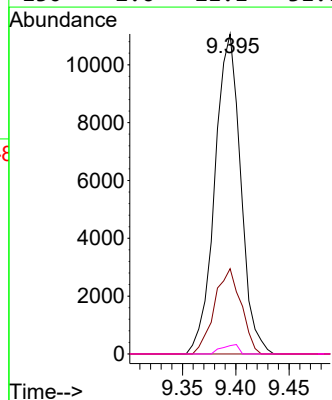
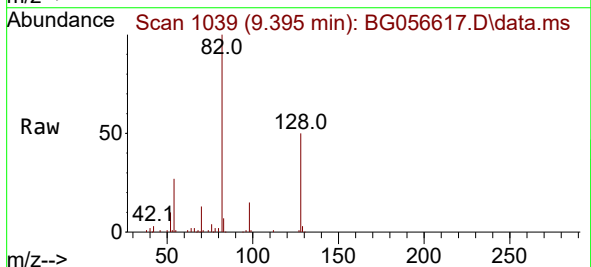
Instrument :
BNA_G
ClientSampleId :
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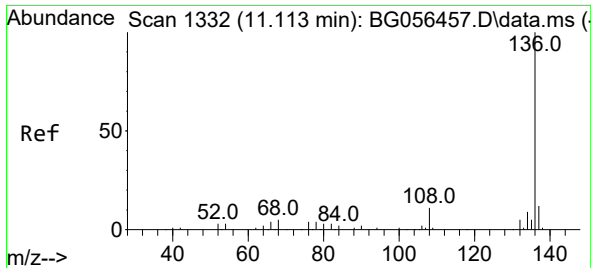
Tgt Ion: 99 Resp: 286735
Ion Ratio Lower Upper
99 100
42 8.3 6.6 10.0
71 29.5 23.4 35.0



#19
n-Nitroso-di-n-propylamine
Concen: 9.952 ng
RT: 9.395 min Scan# 1039
Delta R.T. 0.376 min
Lab File: BG056617.D
Acq: 10 Feb 2023 22:48

Tgt Ion: 70 Resp: 18638
Ion Ratio Lower Upper
70 100
42 26.7 20.2 30.4
101 0.0 9.1 13.7#
130 2.6 21.1 31.7#

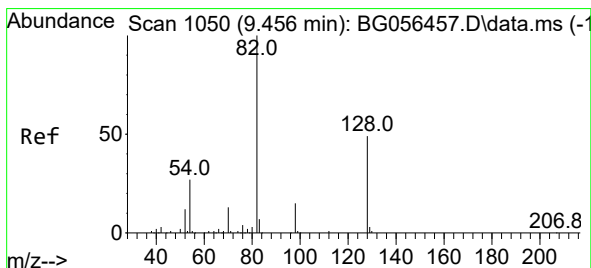
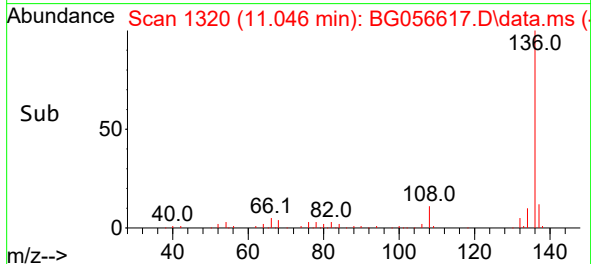
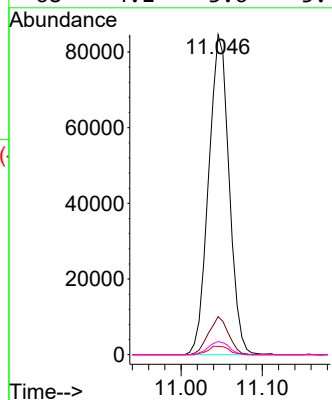
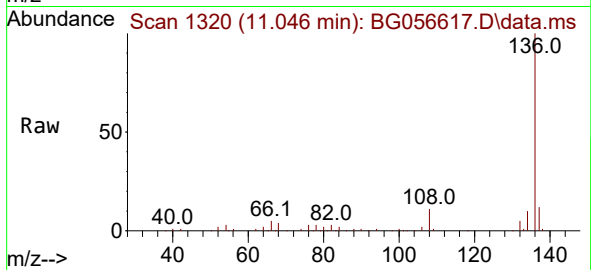




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.046 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG056617.D
Acq: 10 Feb 2023 22:48

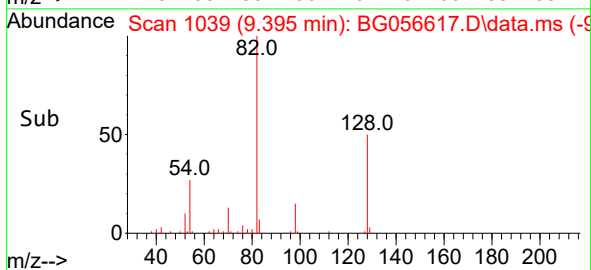
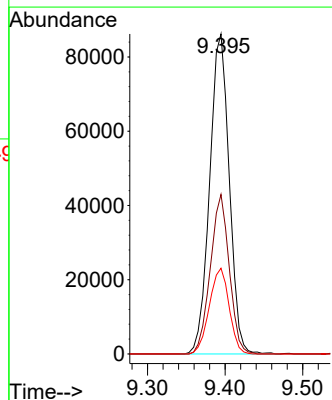
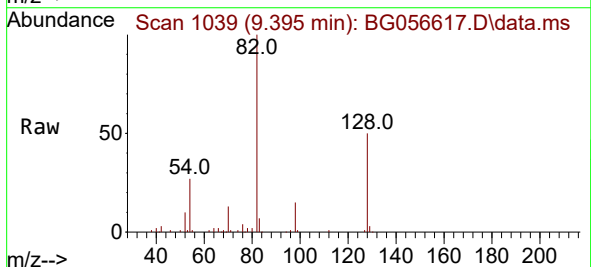
Instrument :
BNA_G
ClientSampleId :
COMP-5-BORING-2-0-7

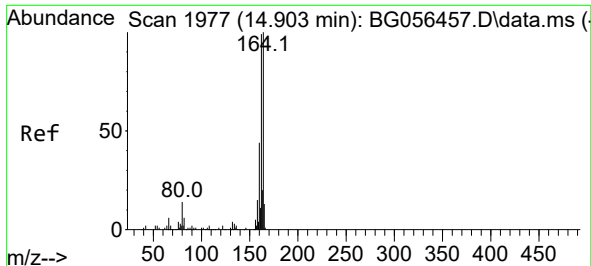
Tgt Ion:136	Resp: 148265
Ion Ratio	Lower Upper
136	100
137	11.9 9.4 14.0
54	2.8 2.2 3.4
68	4.1 3.6 5.4



#23
Nitrobenzene-d5
Concen: 57.880 ng
RT: 9.395 min Scan# 1039
Delta R.T. 0.006 min
Lab File: BG056617.D
Acq: 10 Feb 2023 22:48

Tgt Ion: 82	Resp: 151123
Ion Ratio	Lower Upper
82	100
128	49.8 39.4 59.2
54	26.8 21.4 32.2

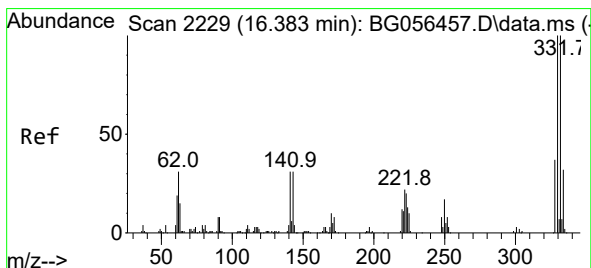
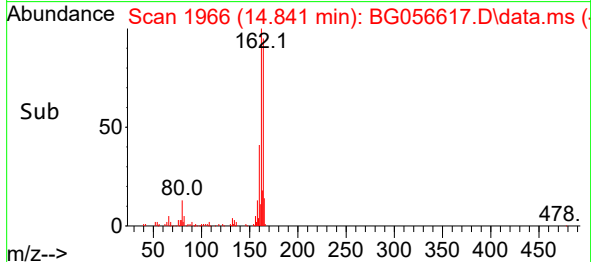
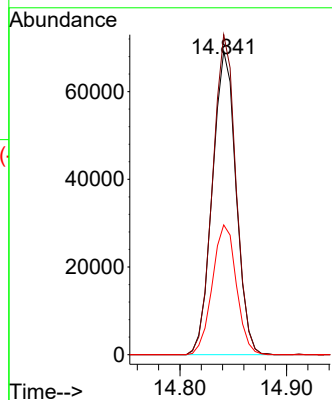
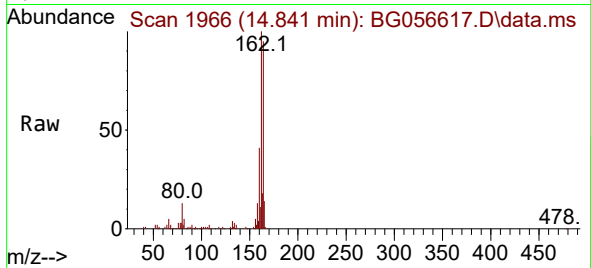




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.841 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BG056617.D
Acq: 10 Feb 2023 22:48

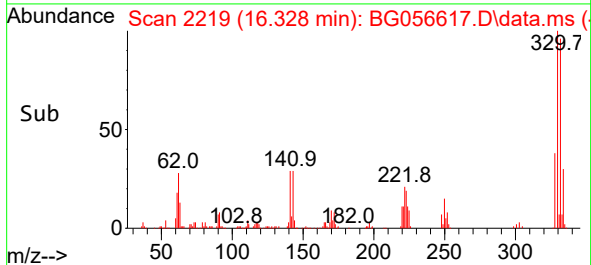
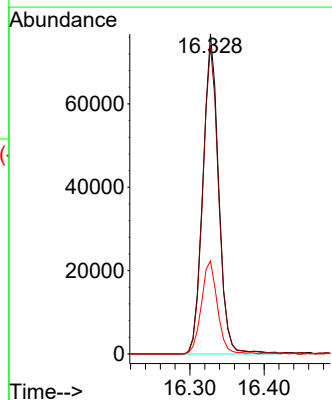
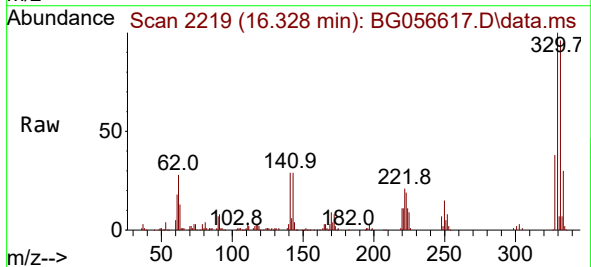
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ClientSampleId :
COMP-5-BORING-2-0-7

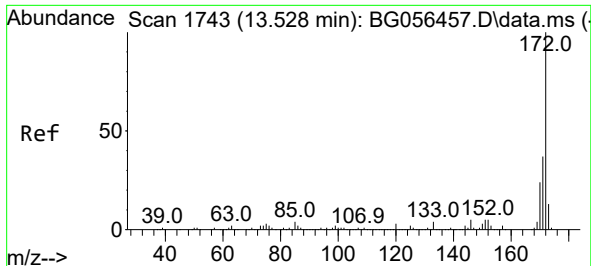
Tgt Ion:164 Resp: 106464
Ion Ratio Lower Upper
164 100
162 105.4 79.6 119.4
160 42.8 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 80.321 ng
RT: 16.328 min Scan# 2219
Delta R.T. 0.000 min
Lab File: BG056617.D
Acq: 10 Feb 2023 22:48

Tgt Ion:330 Resp: 113685
Ion Ratio Lower Upper
330 100
332 96.5 79.0 118.6
141 29.4 24.2 36.4

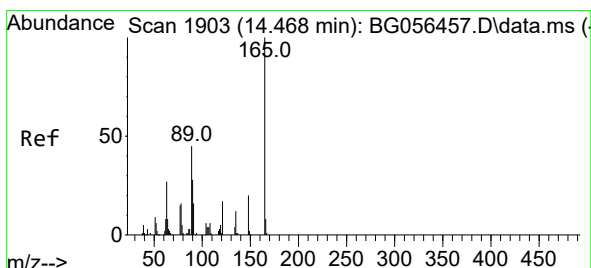
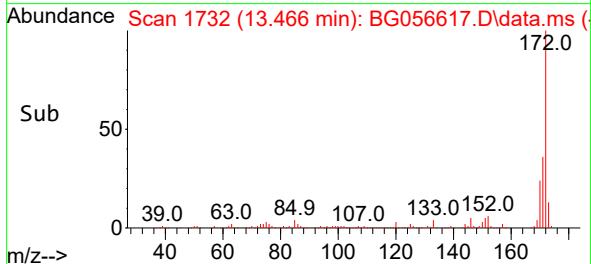
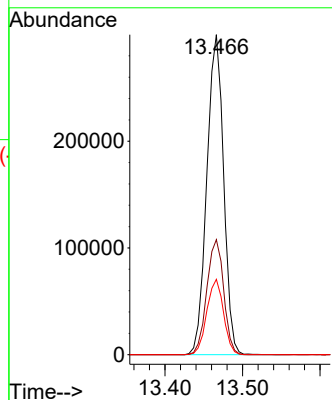
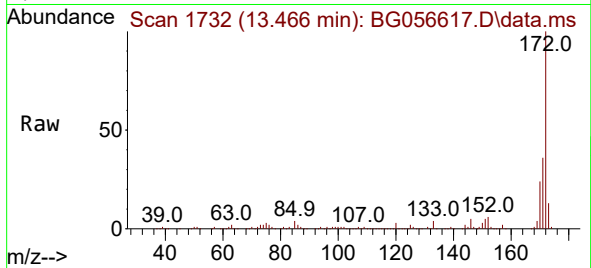




#45
2-Fluorobiphenyl
Concen: 58.627 ng
RT: 13.466 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BG056617.D
Acq: 10 Feb 2023 22:48

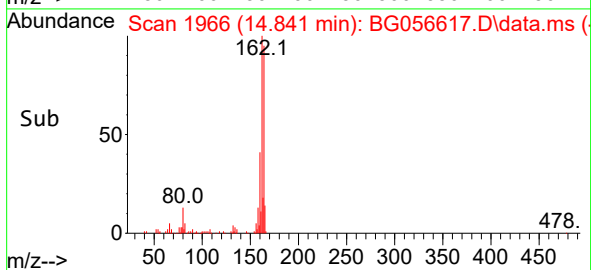
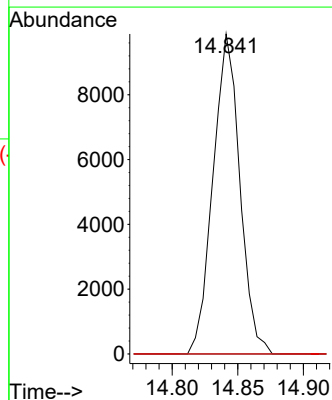
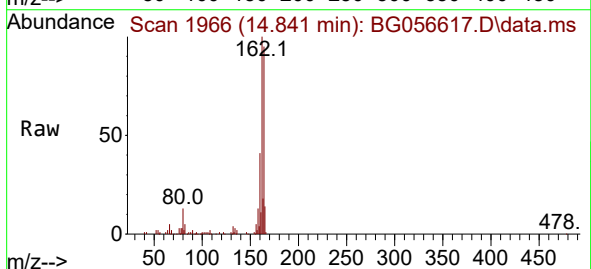
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BNA_G
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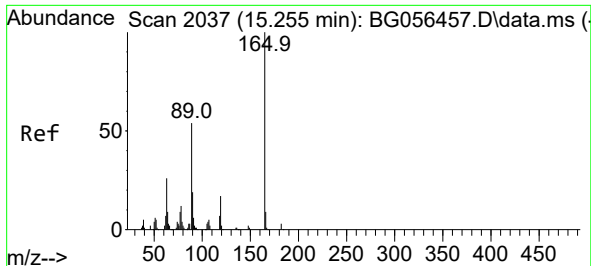
Tgt Ion:172 Resp: 450200
Ion Ratio Lower Upper
172 100
171 35.9 29.5 44.3
170 23.6 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 7.464 ng
RT: 14.841 min Scan# 1966
Delta R.T. 0.423 min
Lab File: BG056617.D
Acq: 10 Feb 2023 22:48

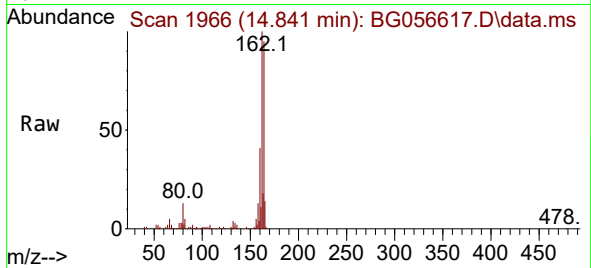
Tgt Ion:165 Resp: 14020
Ion Ratio Lower Upper
165 100
63 0.0 26.9 40.3#
89 0.0 35.6 53.4#



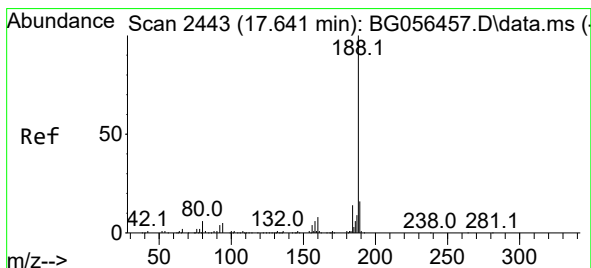
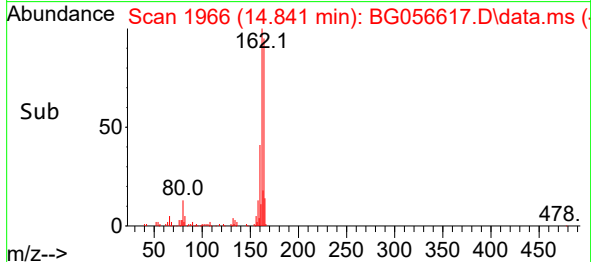
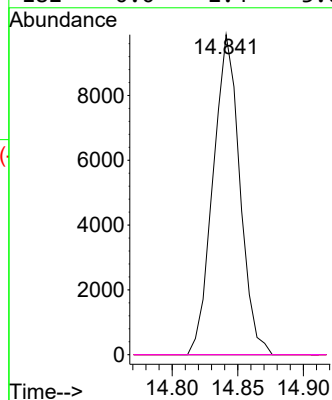


#57
2,4-Dinitrotoluene
Concen: 5.299 ng
RT: 14.841 min Scan# 1966
Delta R.T. -0.364 min
Lab File: BG056617.D
Acq: 10 Feb 2023 22:48

Instrument :
BNA_G
ClientSampleId :
COMP-5-BORING-2-0-7

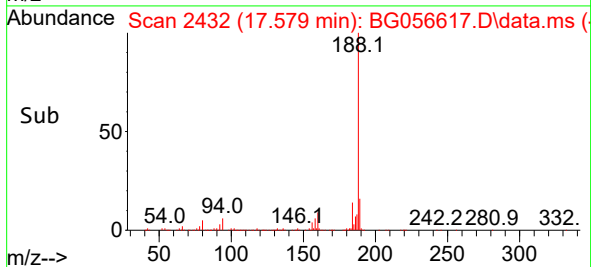
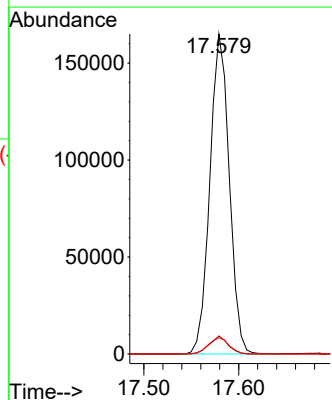
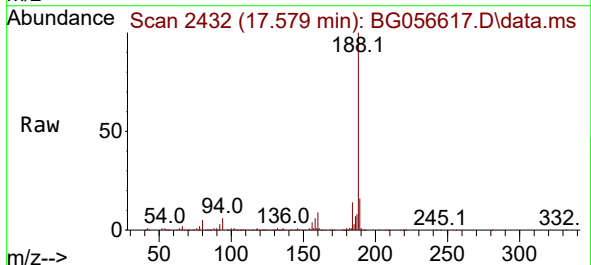


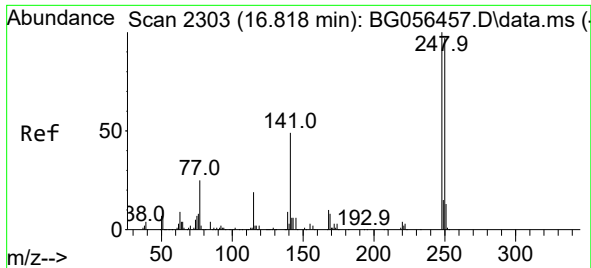
Tgt Ion:165 Resp: 14020
Ion Ratio Lower Upper
165 100
63 0.0 20.6 31.0#
89 0.0 43.1 64.7#
182 0.0 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.579 min Scan# 2432
Delta R.T. -0.005 min
Lab File: BG056617.D
Acq: 10 Feb 2023 22:48

Tgt Ion:188 Resp: 234998
Ion Ratio Lower Upper
188 100
94 5.7 4.1 6.1
80 5.0 5.0 7.4

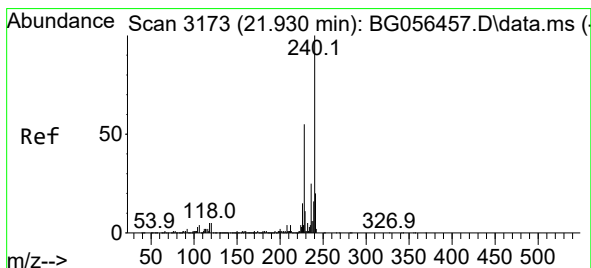
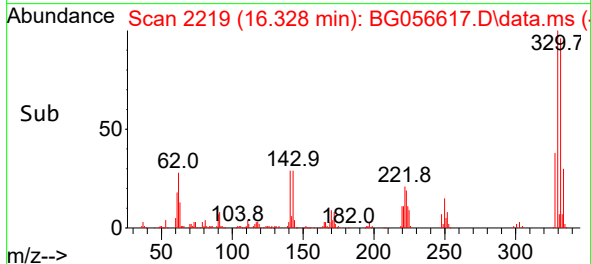
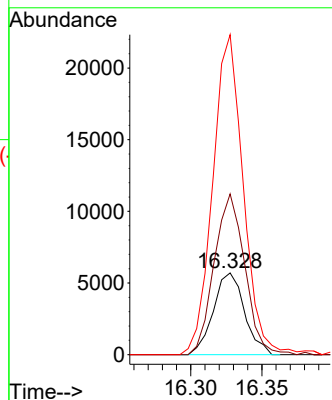
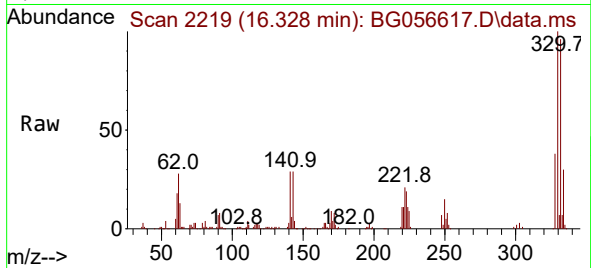




#67
4-Bromophenyl-phenylether
Concen: 2.884 ng
RT: 16.328 min Scan# 211
Delta R.T. -0.428 min
Lab File: BG056617.D
Acq: 10 Feb 2023 22:48

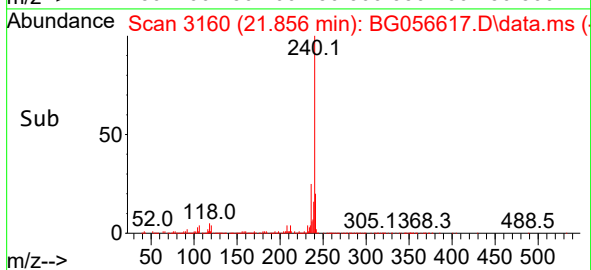
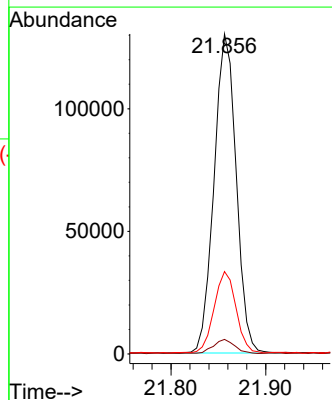
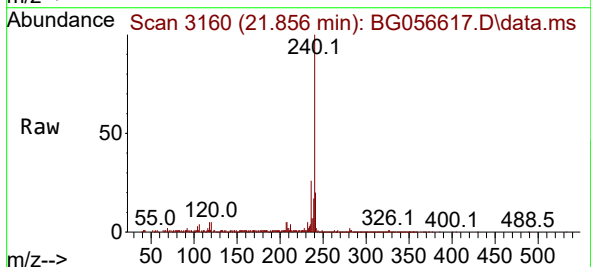
Instrument :
BNA_G
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COMP-5-BORING-2-0-7

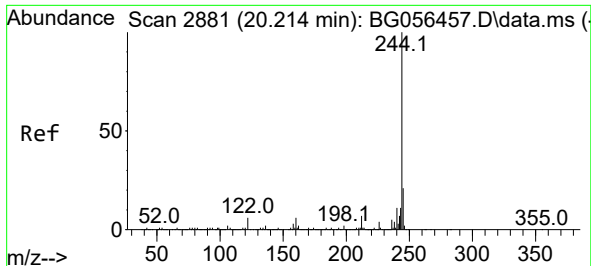
Tgt Ion:248 Resp: 8675
Ion Ratio Lower Upper
248 100
250 196.8 77.6 116.4#
141 391.5 39.0 58.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.856 min Scan# 3160
Delta R.T. -0.005 min
Lab File: BG056617.D
Acq: 10 Feb 2023 22:48

Tgt Ion:240 Resp: 211058
Ion Ratio Lower Upper
240 100
120 4.5 3.8 5.8
236 25.7 20.2 30.2

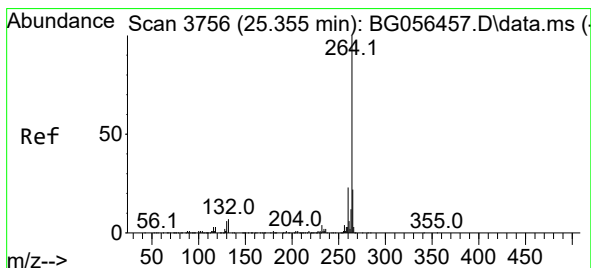
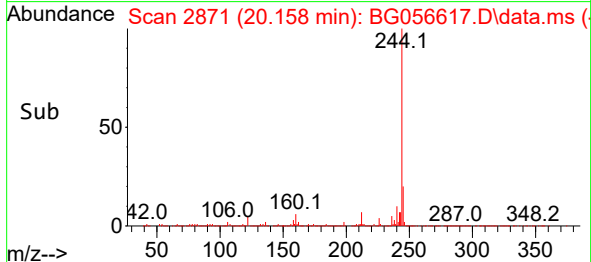
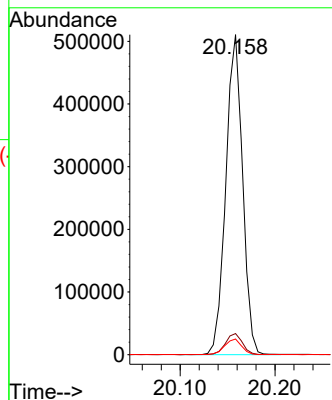
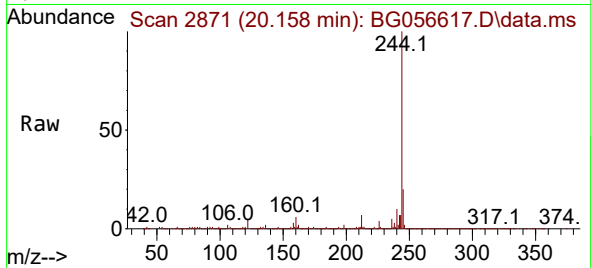




#79
 Terphenyl-d14
 Concen: 52.175 ng
 RT: 20.158 min Scan# 2
 Delta R.T. 0.000 min
 Lab File: BG056617.D
 Acq: 10 Feb 2023 22:48

Instrument :
 BNA_G
 ClientSampleId :
 COMP-5-BORING-2-0-7

Tgt Ion:244 Resp: 626978
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 4.9 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.235 min Scan# 3735
 Delta R.T. 0.000 min
 Lab File: BG056617.D
 Acq: 10 Feb 2023 22:48

Tgt Ion:264 Resp: 223241
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.2 27.4
 265 22.5 18.1 27.1

