

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
 Data File : BG057072.D
 Acq On : 12 Apr 2023 20:50
 Operator : CG/JU
 Sample : 02283-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20230327-COMP-5

Quant Time: Apr 13 05:27:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

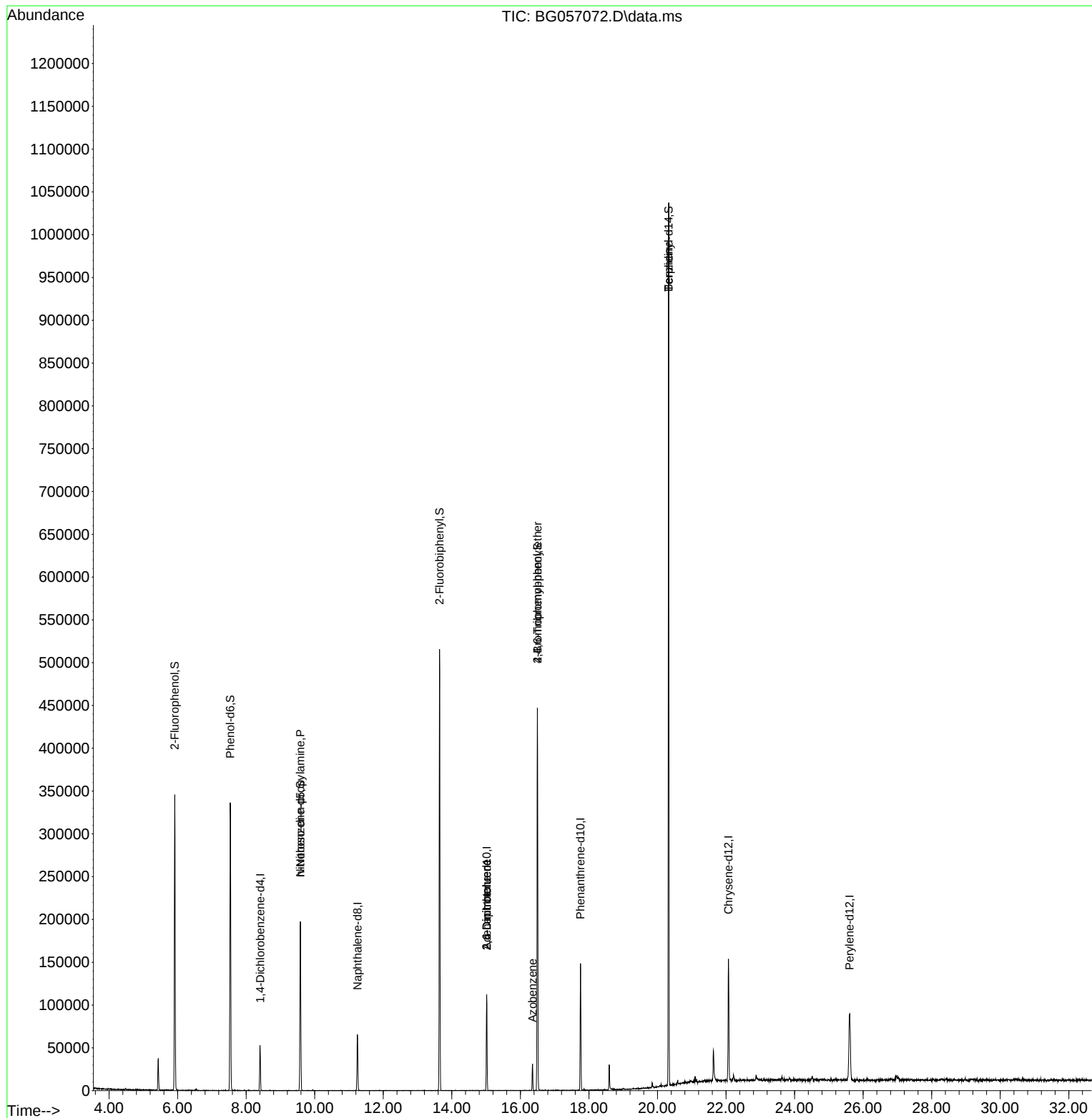
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.407	152	14708	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	55840	20.000	ng	# 0.00
39) Acenaphthene-d10	15.016	164	40063	20.000	ng	0.00
64) Phenanthrene-d10	17.754	188	97801	20.000	ng	0.00
76) Chrysene-d12	22.071	240	90322	20.000	ng	# 0.00
86) Perylene-d12	25.602	264	97335	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	141520	153.995	ng	0.00
7) Phenol-d6	7.538	99	193966	141.121	ng	0.00
23) Nitrobenzene-d5	9.582	82	123087	90.194	ng	0.00
42) 2,4,6-Tribromophenol	16.497	330	91559	143.057	ng	0.00
45) 2-Fluorobiphenyl	13.642	172	262663	88.903	ng	0.00
79) Terphenyl-d14	20.327	244	500354	93.740	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.582	70	17944	18.252	ng	# 78
51) 2,6-Dinitrotoluene	15.016	165	4776	7.003	ng	# 18
57) 2,4-Dinitrotoluene	15.016	165	4776	4.965	ng	# 18
63) Azobenzene	16.350	77	9702	3.076	ng	# 17
67) 4-Bromophenyl-phenylether	16.497	248	5640	4.661	ng	# 1
77) Benzidine	20.327	184	7928	3.211	ng	# 89

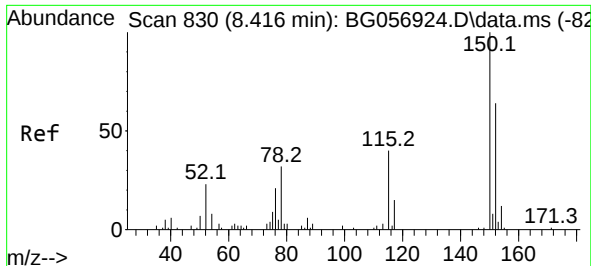
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
Data File : BG057072.D
Acq On : 12 Apr 2023 20:50
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20230327-COMP-5

Quant Time: Apr 13 05:27:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:15:23 2023
Response via : Initial Calibration

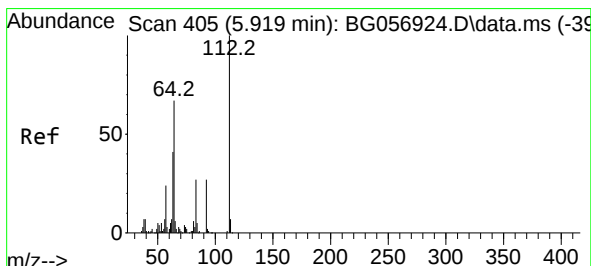
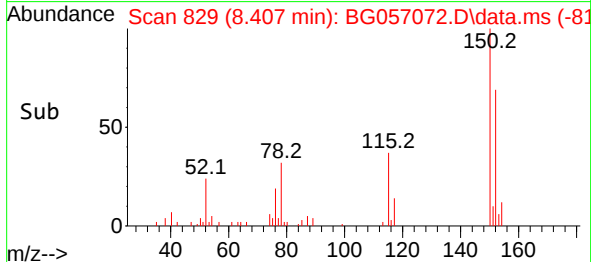
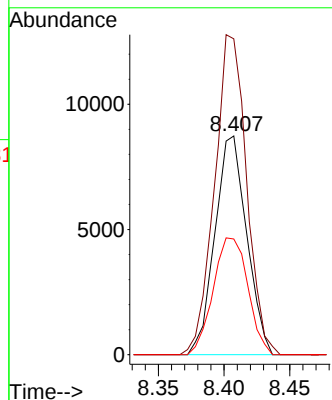
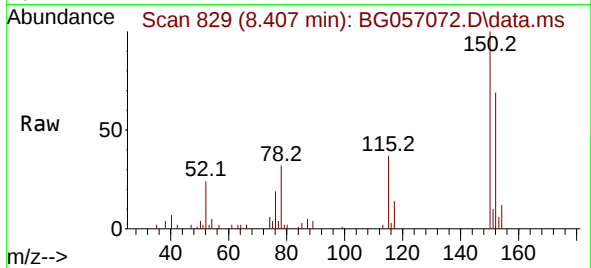




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.407 min Scan# 81
 Delta R.T. -0.004 min
 Lab File: BG057072.D
 Acq: 12 Apr 2023 20:50

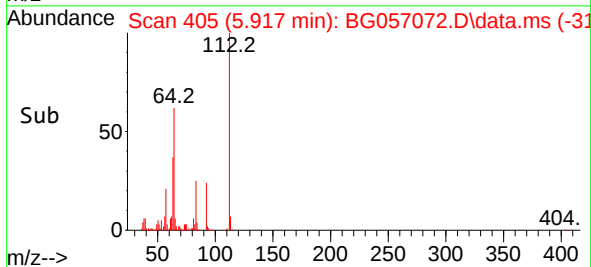
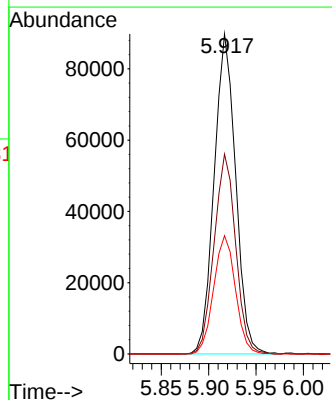
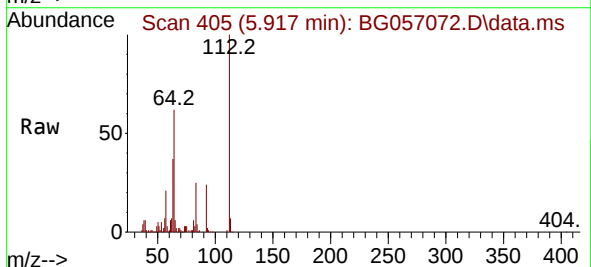
Instrument :
 BNA_G
 ClientSampleId :
 20230327-COMP-5

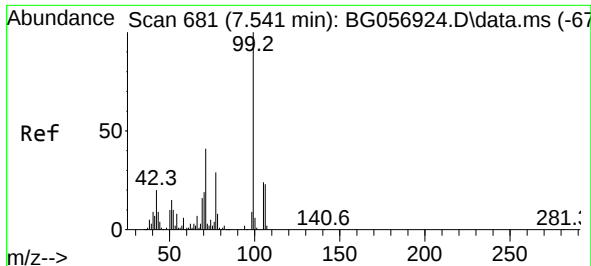
Tgt Ion:152 Resp: 14708
 Ion Ratio Lower Upper
 152 100
 150 144.4 124.1 186.1
 115 52.9 49.1 73.7



#5
 2-Fluorophenol
 Concen: 153.995 ng
 RT: 5.917 min Scan# 405
 Delta R.T. 0.002 min
 Lab File: BG057072.D
 Acq: 12 Apr 2023 20:50

Tgt Ion:112 Resp: 141520
 Ion Ratio Lower Upper
 112 100
 64 62.5 53.2 79.8
 63 37.0 32.6 48.8

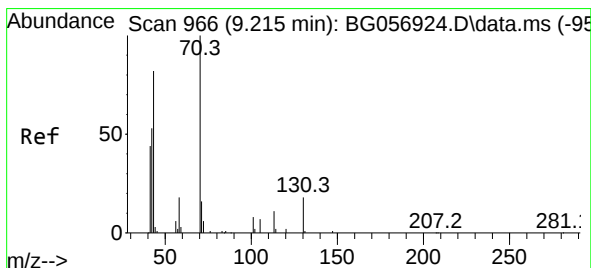
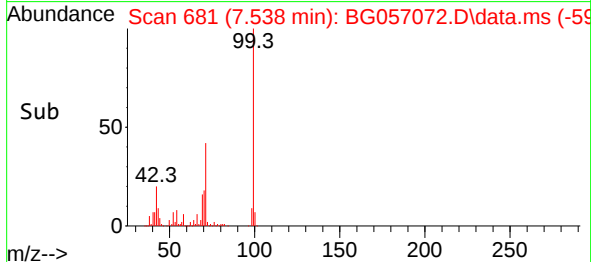
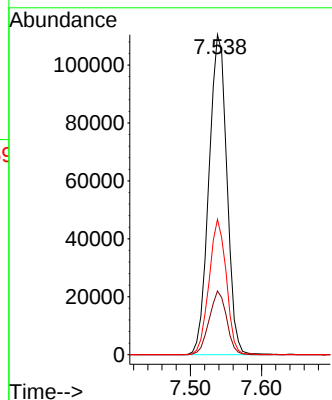
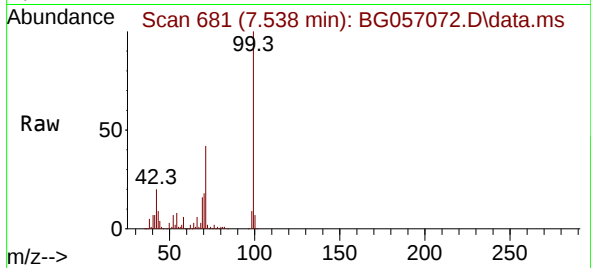




#7
Phenol-d6
Concen: 141.121 ng
RT: 7.538 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG057072.D
Acq: 12 Apr 2023 20:50

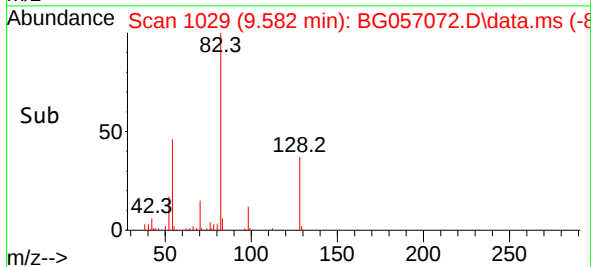
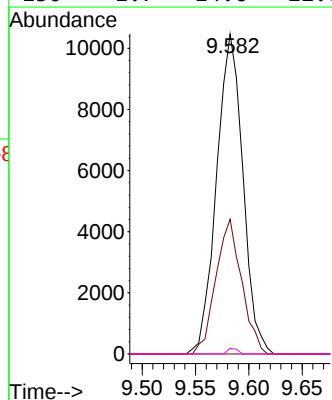
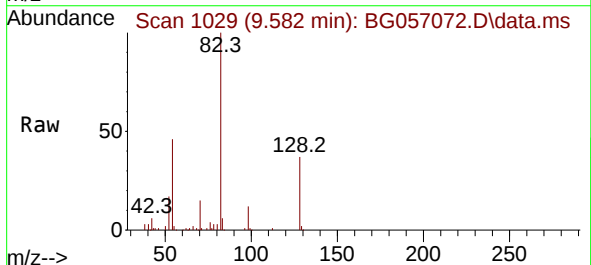
Instrument :
BNA_G
ClientSampleId :
20230327-COMP-5

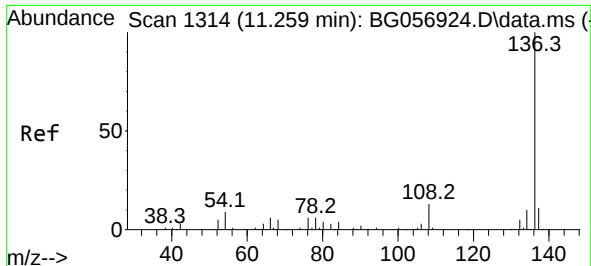
Tgt Ion: 99 Resp: 193966
Ion Ratio Lower Upper
99 100
42 19.9 15.7 23.5
71 42.3 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.252 ng
RT: 9.582 min Scan# 1029
Delta R.T. 0.372 min
Lab File: BG057072.D
Acq: 12 Apr 2023 20:50

Tgt Ion: 70 Resp: 17944
Ion Ratio Lower Upper
70 100
42 42.1 43.4 65.0#
101 0.0 6.2 9.2#
130 1.7 14.6 22.0#

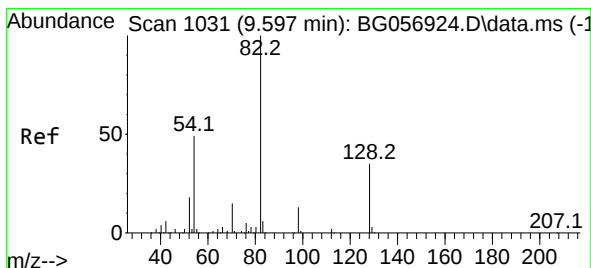
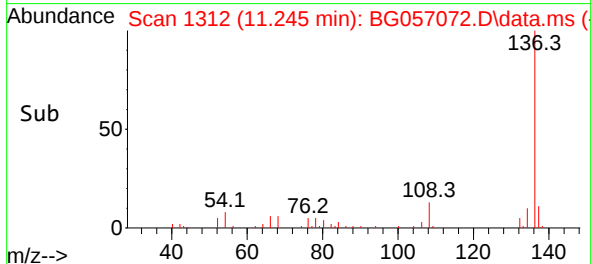
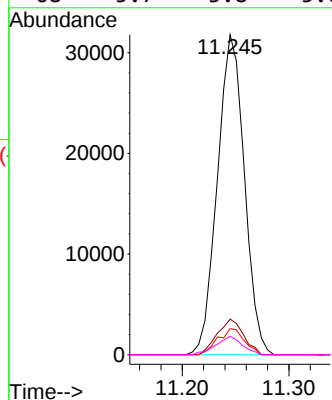
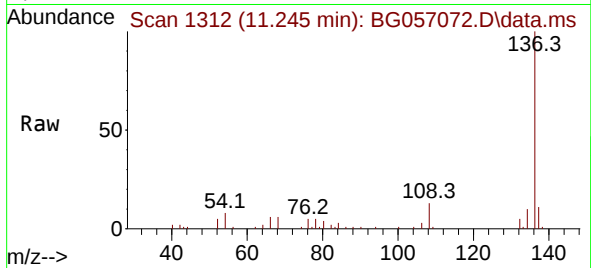




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG057072.D
Acq: 12 Apr 2023 20:50

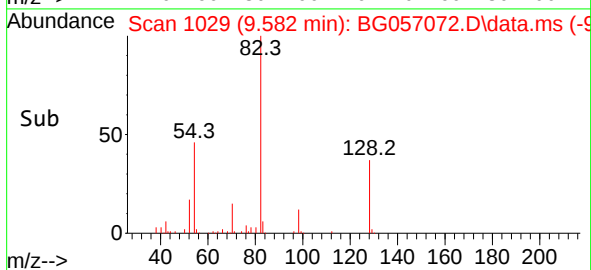
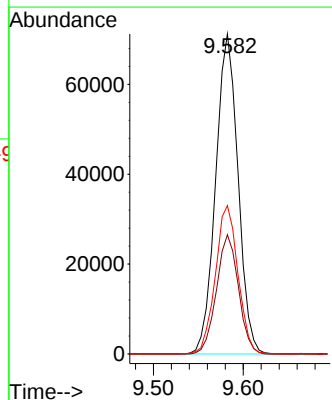
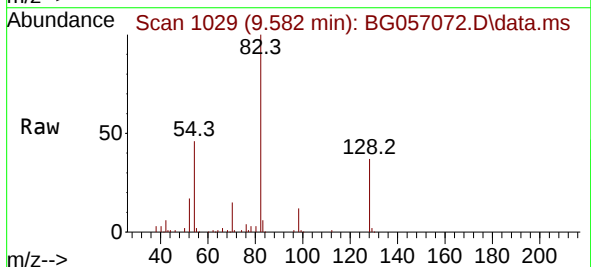
Instrument :
BNA_G
ClientSampleId :
20230327-COMP-5

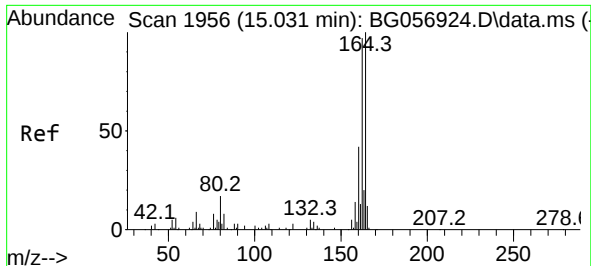
Tgt Ion:	136	Resp:	55840
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	8.2	6.9	10.3
68	5.7	3.8	5.6



#23
Nitrobenzene-d5
Concen: 90.194 ng
RT: 9.582 min Scan# 1029
Delta R.T. -0.004 min
Lab File: BG057072.D
Acq: 12 Apr 2023 20:50

Tgt Ion:	82	Resp:	123087
Ion Ratio	Lower	Upper	
82	100		
128	37.2	27.9	41.9
54	46.4	39.4	59.2

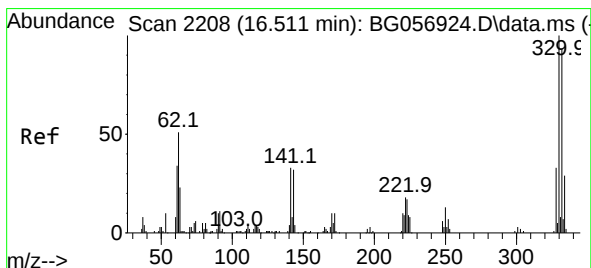
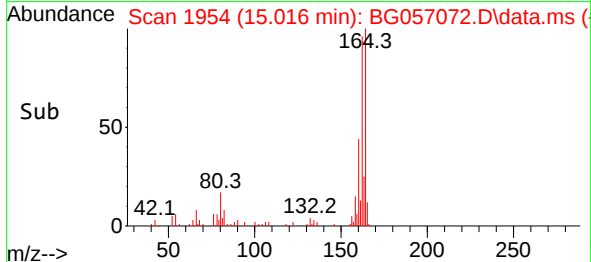
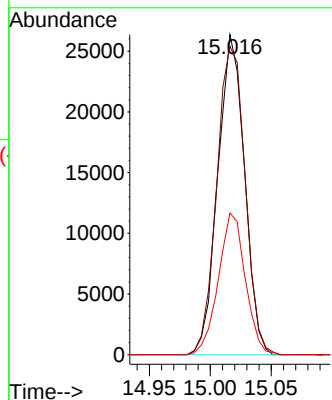
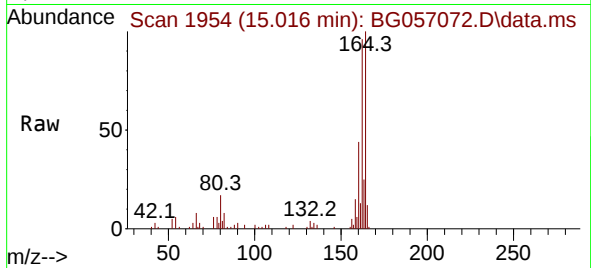




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.016 min Scan# 1954
Delta R.T. -0.004 min
Lab File: BG057072.D
Acq: 12 Apr 2023 20:50

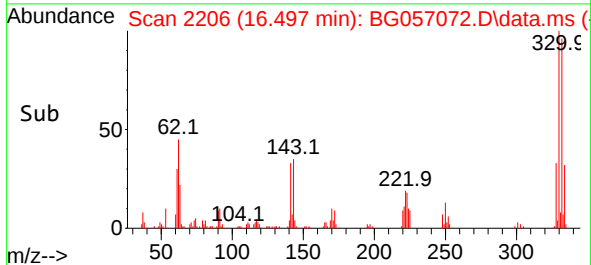
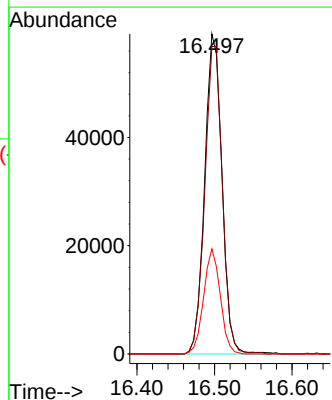
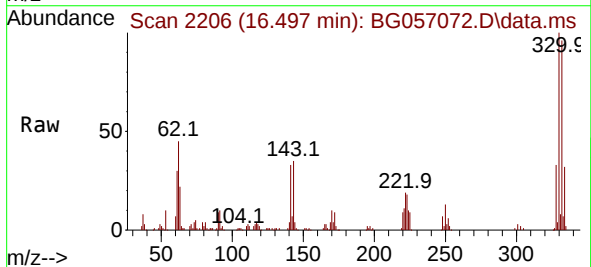
Instrument :
BNA_G
ClientSampleId :
20230327-COMP-5

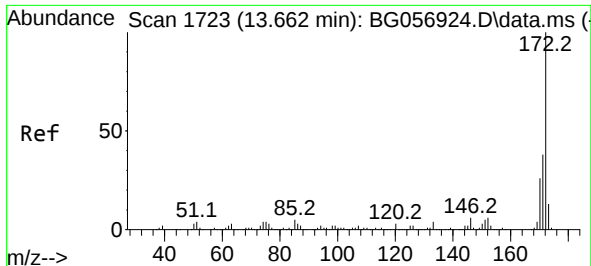
Tgt Ion:164 Resp: 40063
Ion Ratio Lower Upper
164 100
162 96.4 77.8 116.8
160 44.3 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 143.057 ng
RT: 16.497 min Scan# 2206
Delta R.T. -0.004 min
Lab File: BG057072.D
Acq: 12 Apr 2023 20:50

Tgt Ion:330 Resp: 91559
Ion Ratio Lower Upper
330 100
332 97.6 76.1 114.1
141 31.5 25.8 38.6

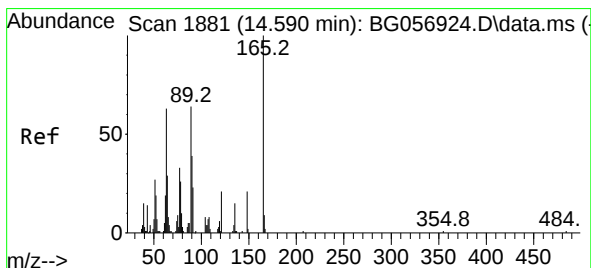
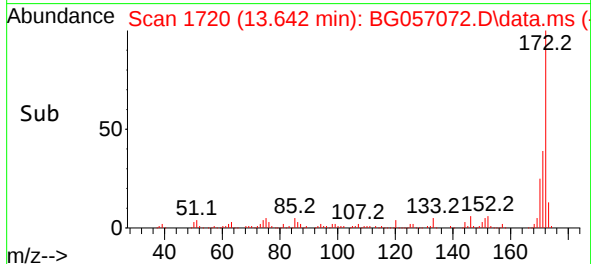
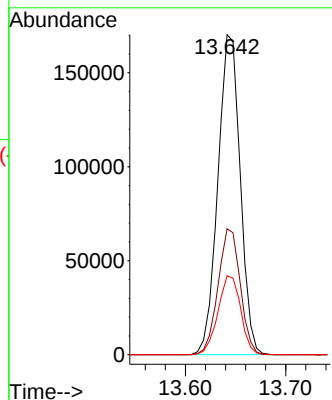
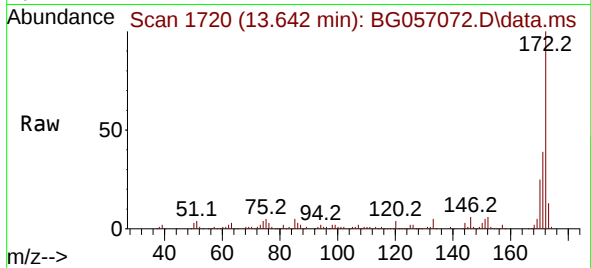




#45
 2-Fluorobiphenyl
 Concen: 88.903 ng
 RT: 13.642 min Scan# 1
 Delta R.T. -0.004 min
 Lab File: BG057072.D
 Acq: 12 Apr 2023 20:50

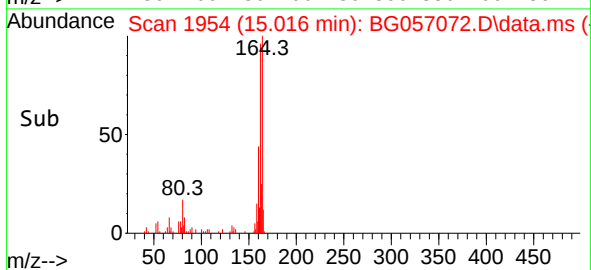
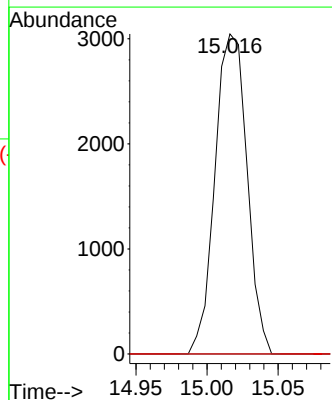
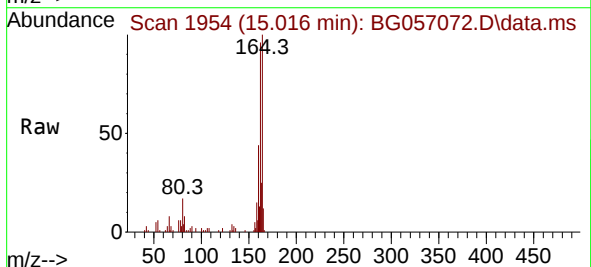
Instrument :
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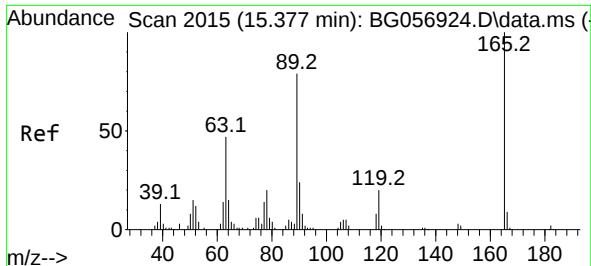
Tgt Ion:172 Resp: 262663
 Ion Ratio Lower Upper
 172 100
 171 39.3 30.6 46.0
 170 24.7 20.6 30.8



#51
 2,6-Dinitrotoluene
 Concen: 7.003 ng
 RT: 15.016 min Scan# 1954
 Delta R.T. 0.431 min
 Lab File: BG057072.D
 Acq: 12 Apr 2023 20:50

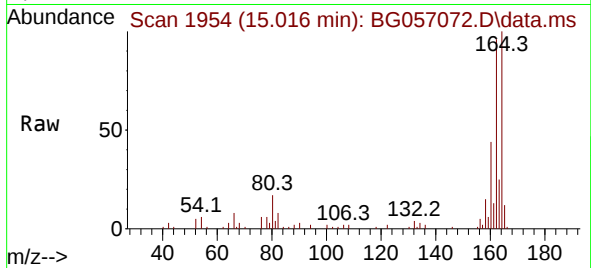
Tgt Ion:165 Resp: 4776
 Ion Ratio Lower Upper
 165 100
 63 0.0 53.0 79.6#
 89 0.0 51.0 76.4#



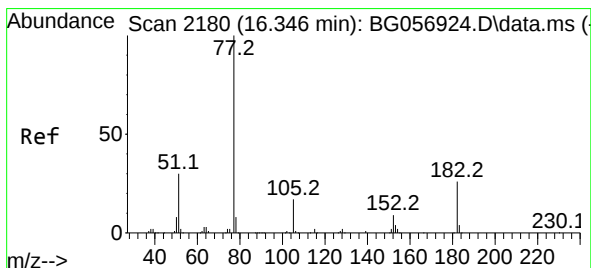
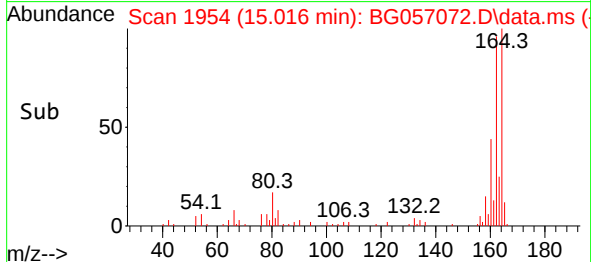
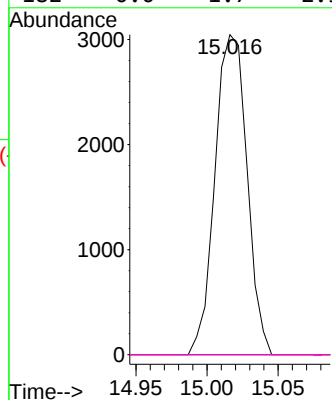


#57
2,4-Dinitrotoluene
Concen: 4.965 ng
RT: 15.016 min Scan# 1954
Delta R.T. -0.350 min
Lab File: BG057072.D
Acq: 12 Apr 2023 20:50

Instrument :
BNA_G
ClientSampleId :
20230327-COMP-5

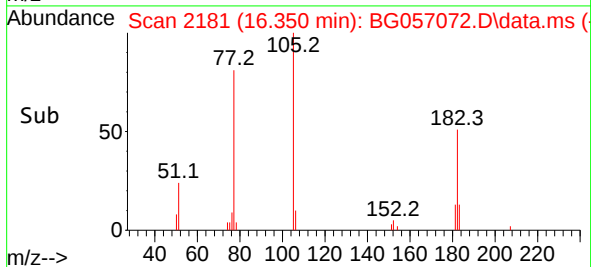
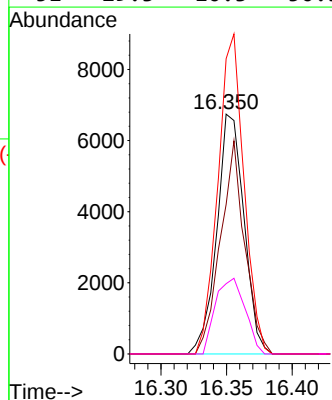
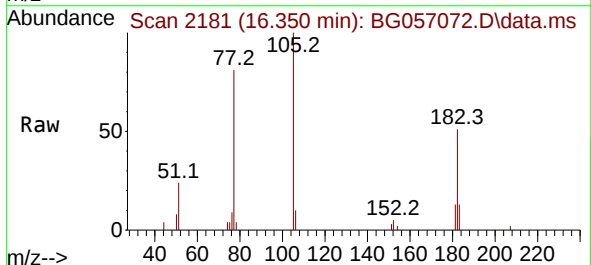


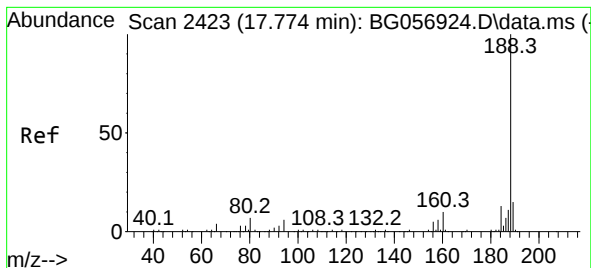
Tgt Ion:165 Resp: 4776
Ion Ratio Lower Upper
165 100
63 0.0 37.7 56.5#
89 0.0 63.2 94.8#
182 0.0 1.7 2.5#



#63
Azobenzene
Concen: 3.076 ng
RT: 16.350 min Scan# 2181
Delta R.T. 0.014 min
Lab File: BG057072.D
Acq: 12 Apr 2023 20:50

Tgt Ion: 77 Resp: 9702
Ion Ratio Lower Upper
77 100
182 62.3 5.9 45.9#
105 123.1 0.0 36.8#
51 29.3 10.3 50.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.754 min Scan# 24

Delta R.T. -0.010 min

Lab File: BG057072.D

Acq: 12 Apr 2023 20:50

Instrument :

BNA_G

ClientSampleId :

20230327-COMP-5

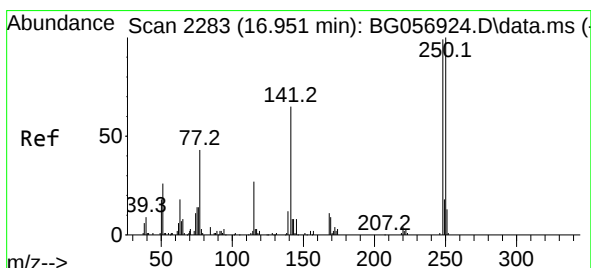
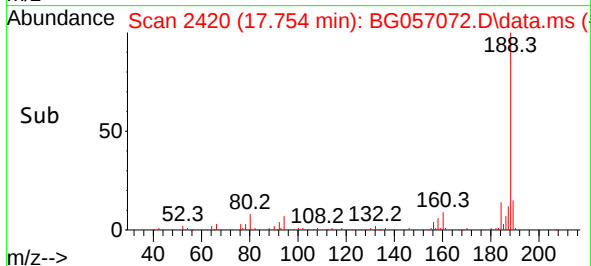
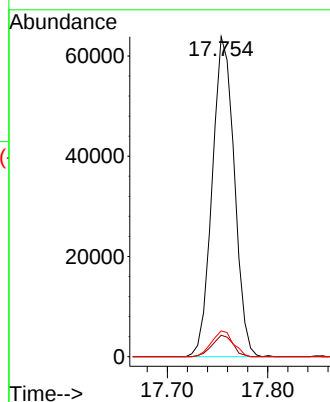
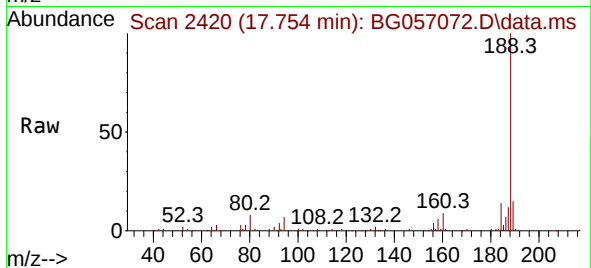
Tgt Ion:188 Resp: 97801

Ion Ratio Lower Upper

188 100

94 6.7 4.6 6.8

80 8.1 5.5 8.3



#67

4-Bromophenyl-phenylether

Concen: 4.661 ng

RT: 16.497 min Scan# 2206

Delta R.T. -0.438 min

Lab File: BG057072.D

Acq: 12 Apr 2023 20:50

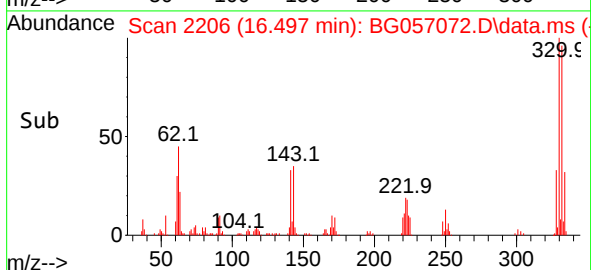
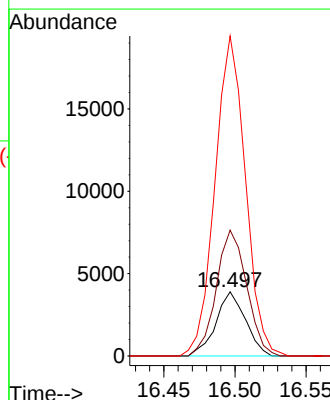
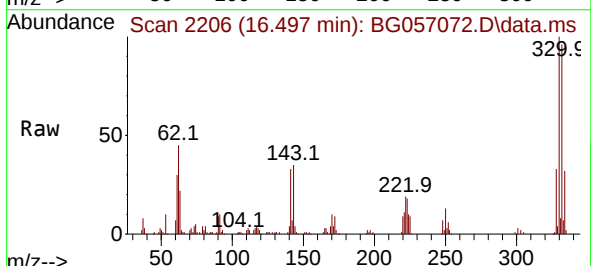
Tgt Ion:248 Resp: 5640

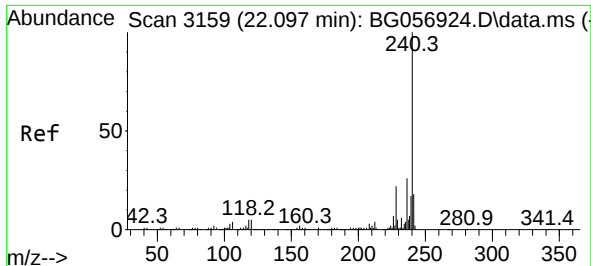
Ion Ratio Lower Upper

248 100

250 196.2 80.5 120.7#

141 499.0 52.0 78.0#

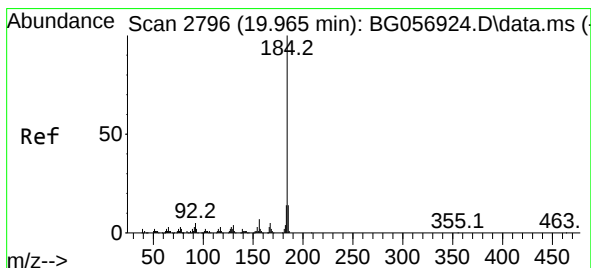
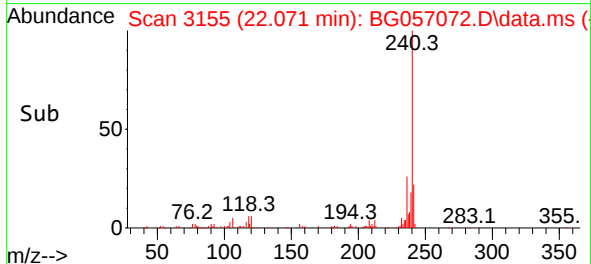
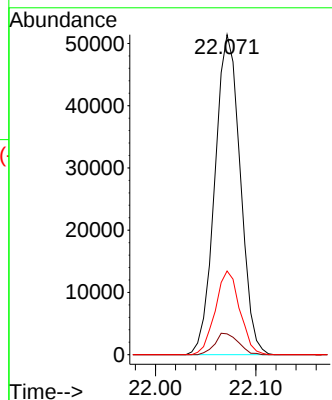
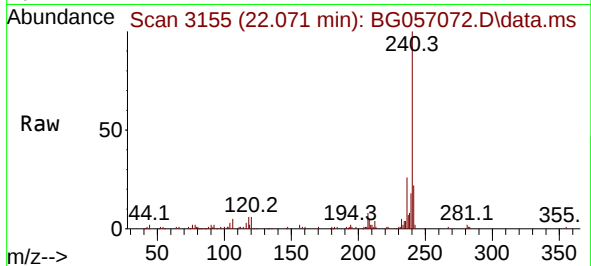




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.071 min Scan# 3159
Delta R.T. -0.010 min
Lab File: BG057072.D
Acq: 12 Apr 2023 20:50

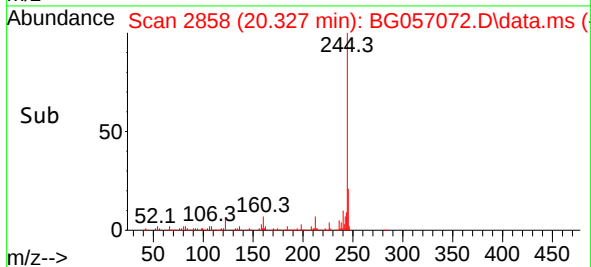
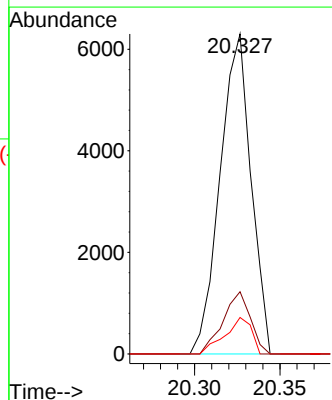
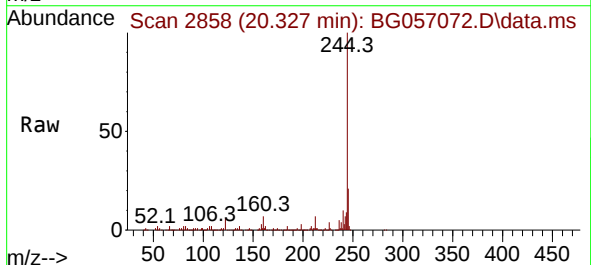
Instrument :
BNA_G
ClientSampleId :
20230327-COMP-5

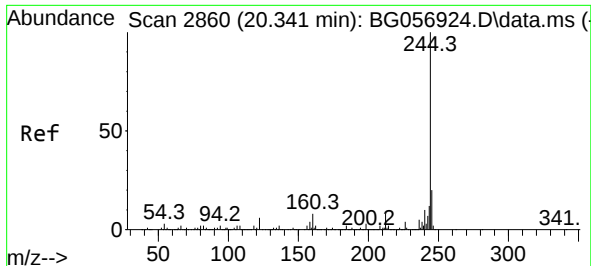
Tgt Ion:240 Resp: 90322
Ion Ratio Lower Upper
240 100
120 6.5 3.8 5.6#
236 26.2 21.0 31.6



#77
Benzidine
Concen: 3.211 ng
RT: 20.327 min Scan# 2858
Delta R.T. 0.372 min
Lab File: BG057072.D
Acq: 12 Apr 2023 20:50

Tgt Ion:184 Resp: 7928
Ion Ratio Lower Upper
184 100
185 19.5 11.0 16.4#
183 11.4 11.4 17.0

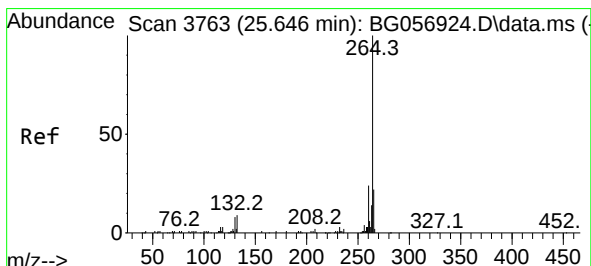
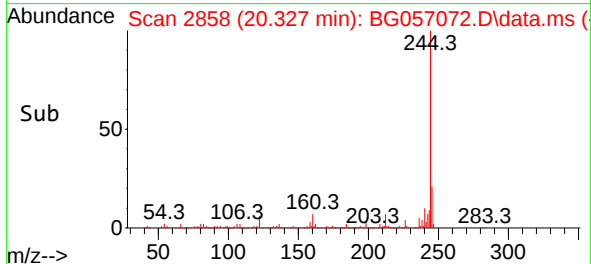
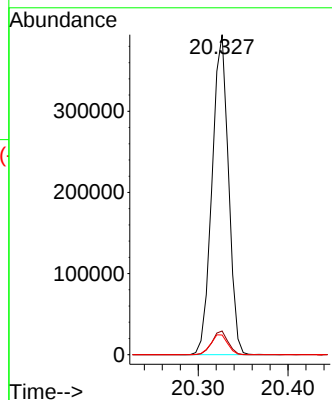
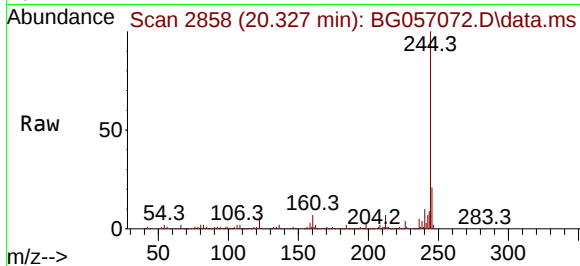




#79
 Terphenyl-d14
 Concen: 93.740 ng
 RT: 20.327 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG057072.D
 Acq: 12 Apr 2023 20:50

Instrument :
 BNA_G
 ClientSampleId :
 20230327-COMP-5

Tgt Ion:244 Resp: 500354
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 6.2 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.602 min Scan# 3756
 Delta R.T. -0.010 min
 Lab File: BG057072.D
 Acq: 12 Apr 2023 20:50

Tgt Ion:264 Resp: 97335
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.0 28.4
 265 22.2 17.8 26.6

