

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
 Data File : BG057722.D
 Acq On : 15 Jun 2023 13:14
 Operator : CG/JU
 Sample : 03157-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-622-COMP-01

Quant Time: Jun 15 13:53:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 03:52:08 2023
 Response via : Initial Calibration

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

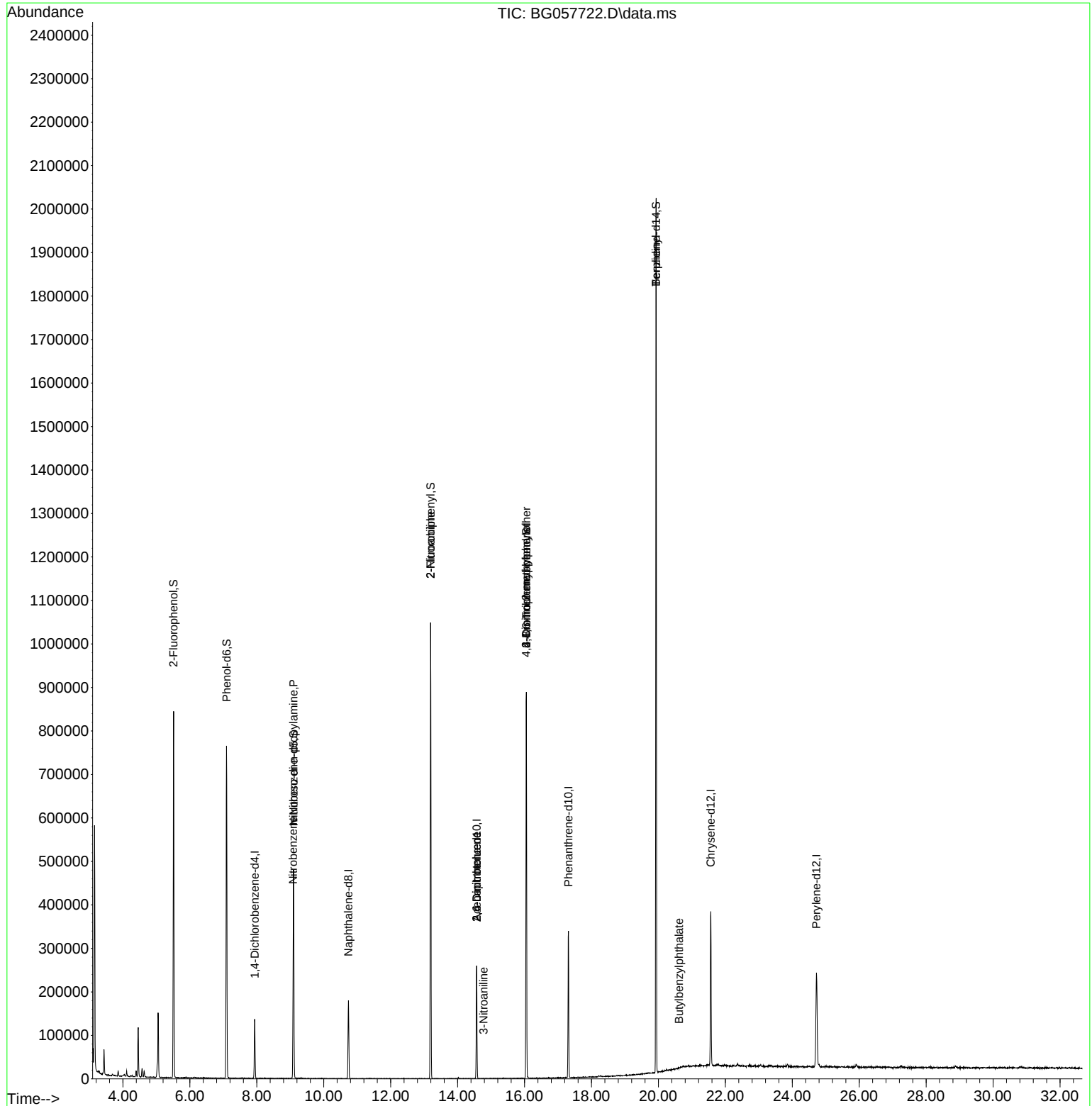
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	36619	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	146997	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	90732	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	216714	20.000	ng	0.00
76) Chrysene-d12	21.566	240	200981	20.000	ng	0.00
86) Perylene-d12	24.721	264	226198	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	334328	148.662	ng	0.00
7) Phenol-d6	7.095	99	431051	124.766	ng	0.00
23) Nitrobenzene-d5	9.098	82	281803	113.204	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	176738	174.598	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	546260	89.743	ng	0.00
79) Terphenyl-d14	19.933	244	1056109	97.153	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.098	70	36510	14.615	ng	# 80
24) Nitrobenzene	9.087	77	827	5.356	ng	# 44
48) 2-Nitroaniline	13.194	65	993	5.082	ng	# 30
51) 2,6-Dinitrotoluene	14.569	165	11871	17.774	ng	# 13
53) 3-Nitroaniline	14.780	138	56	3.758	ng	# 1
57) 2,4-Dinitrotoluene	14.569	165	11871	14.752	ng	# 16
65) 4,6-Dinitro-2-methylph...	16.049	198	491	3.130	ng	# 1
67) 4-Bromophenyl-phenylether	16.055	248	11534	5.227	ng	# 1
77) Benzidine	19.933	184	14790	3.087	ng	# 93
80) Butylbenzylphthalate	20.620	149	451	4.186	ng	# 79

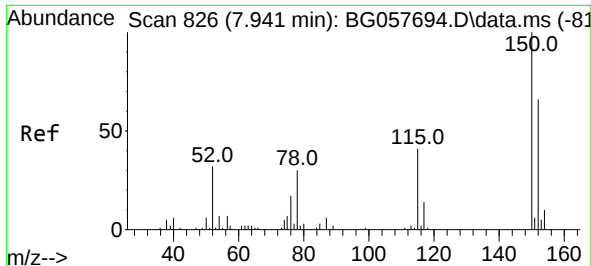
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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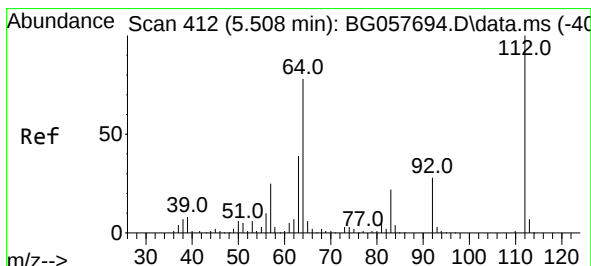
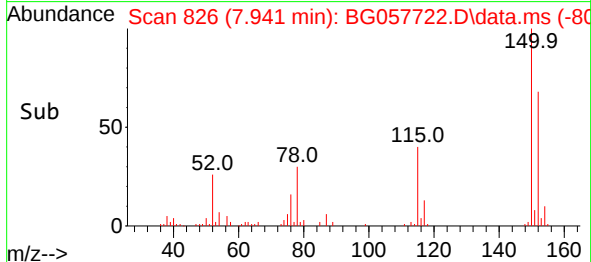
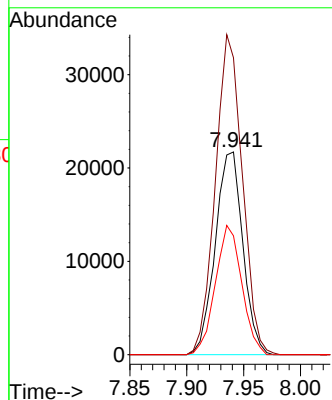
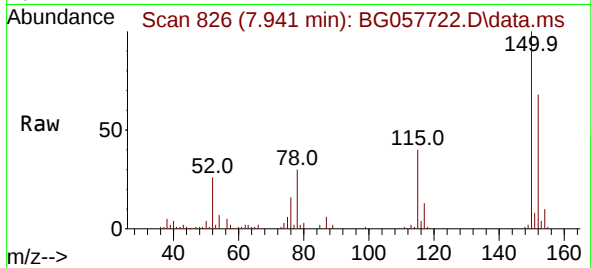




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG057722.D
Acq: 15 Jun 2023 13:14

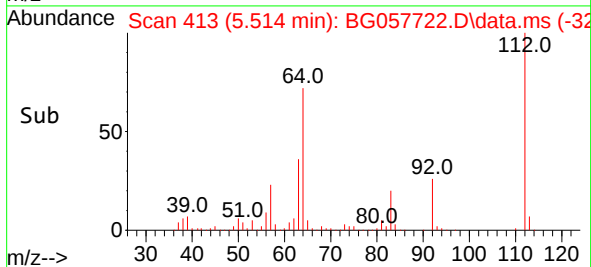
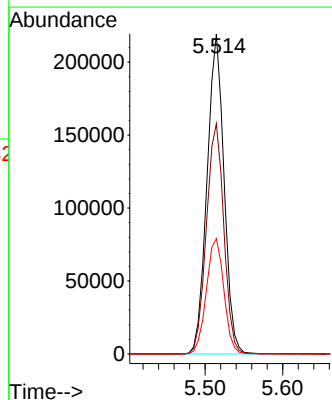
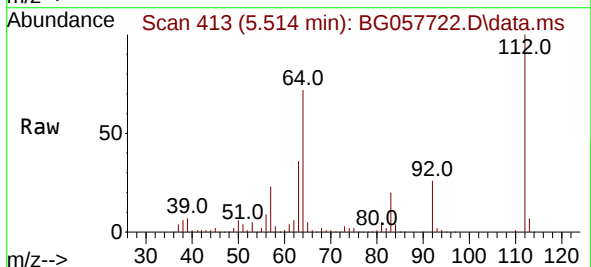
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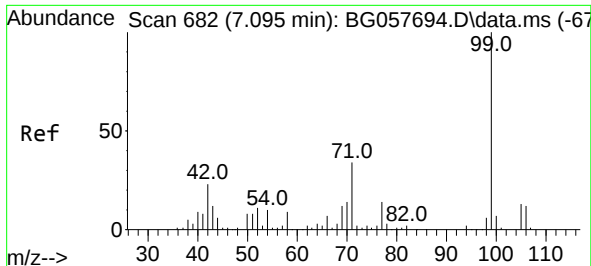
Tgt Ion:152 Resp: 36619
Ion Ratio Lower Upper
152 100
150 146.4 120.8 181.2
115 58.6 49.4 74.2



#5
2-Fluorophenol
Concen: 148.662 ng
RT: 5.514 min Scan# 413
Delta R.T. 0.006 min
Lab File: BG057722.D
Acq: 15 Jun 2023 13:14

Tgt Ion:112 Resp: 334328
Ion Ratio Lower Upper
112 100
64 72.0 62.3 93.5
63 36.1 31.5 47.3

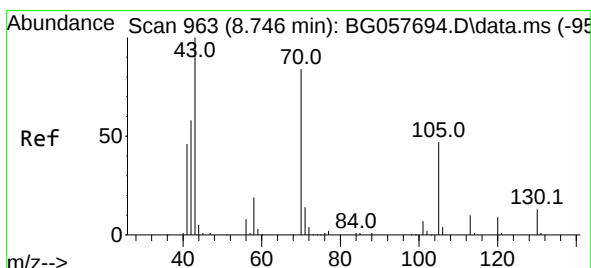
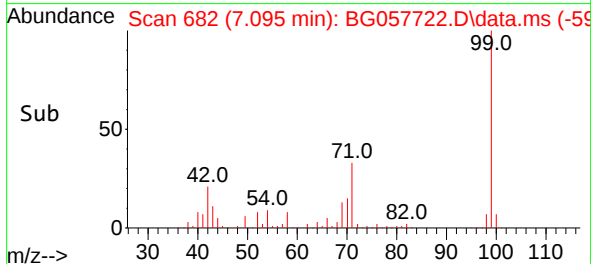
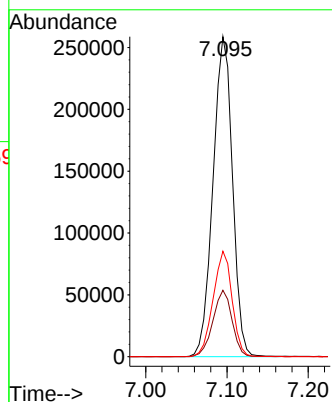
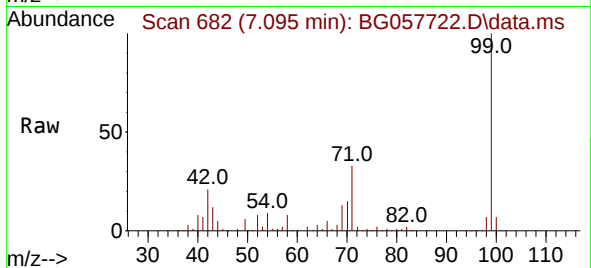




#7
Phenol-d6
Concen: 124.766 ng
RT: 7.095 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057722.D
Acq: 15 Jun 2023 13:14

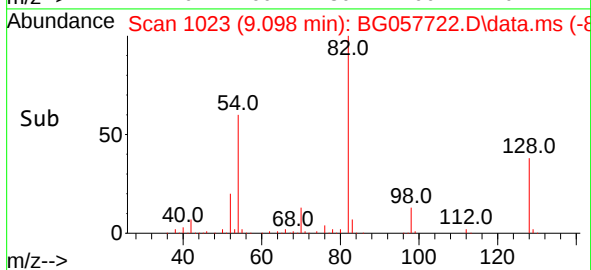
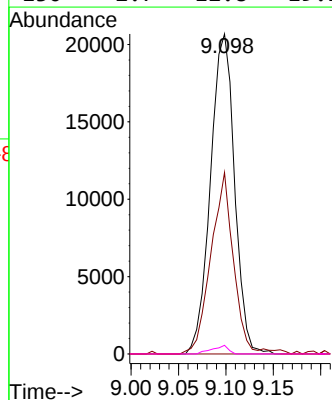
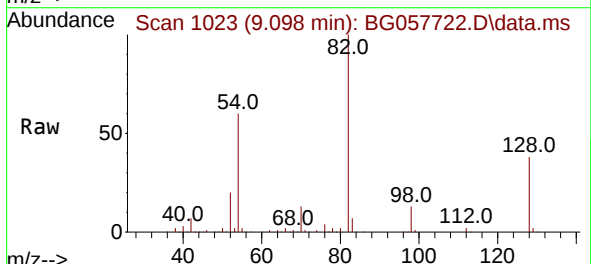
Instrument :
BNA_G
ClientSampleId :
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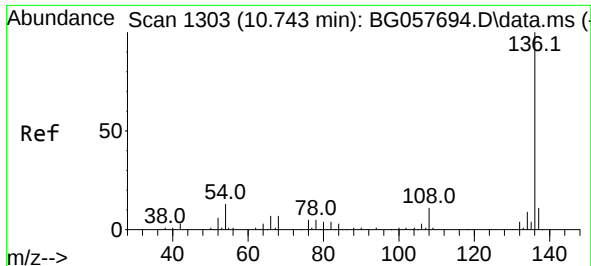
Tgt Ion: 99 Resp: 431051
Ion Ratio Lower Upper
99 100
42 20.7 18.3 27.5
71 32.9 27.5 41.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.615 ng
RT: 9.098 min Scan# 1023
Delta R.T. 0.353 min
Lab File: BG057722.D
Acq: 15 Jun 2023 13:14

Tgt Ion: 70 Resp: 36510
Ion Ratio Lower Upper
70 100
42 56.7 56.6 84.8
101 0.0 6.2 9.4#
130 2.7 12.8 19.2#

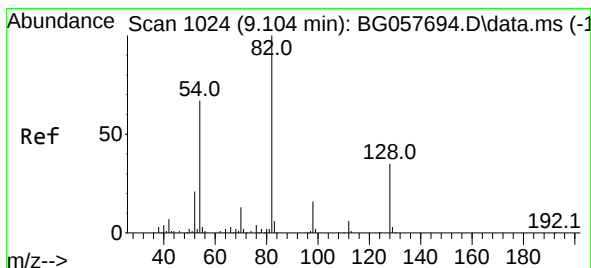
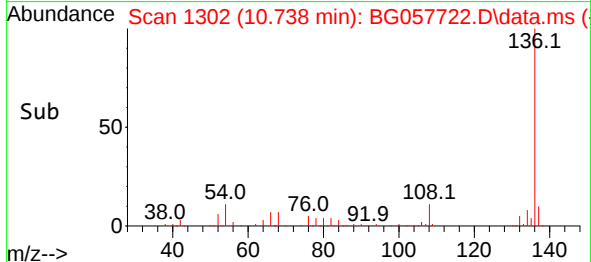
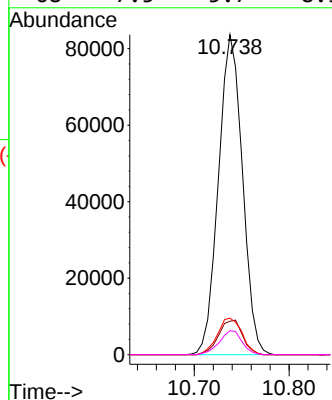
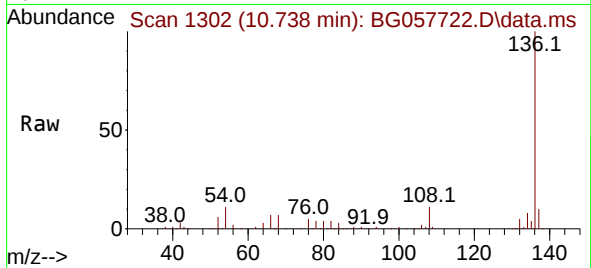




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057722.D
Acq: 15 Jun 2023 13:14

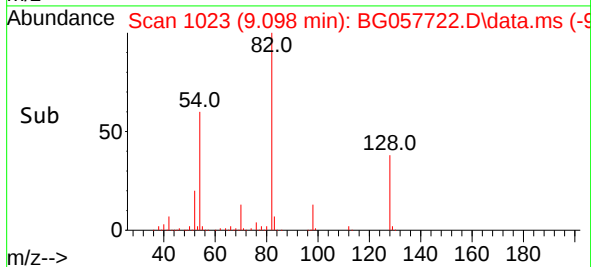
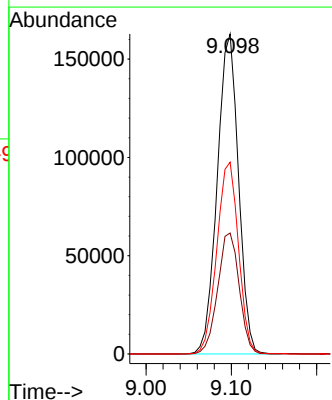
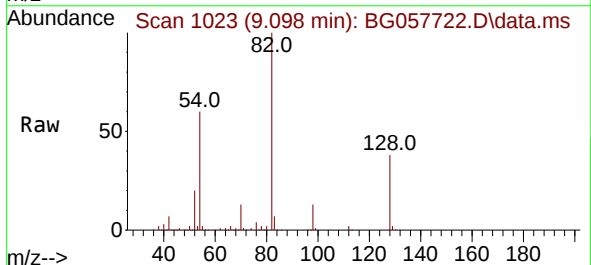
Instrument :
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ClientSampleId :
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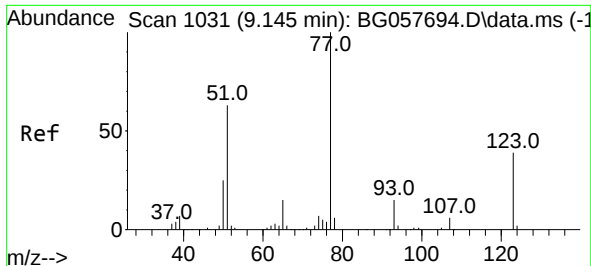
Tgt Ion:	136	Resp:	146997
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	11.4	10.8	16.2
68	7.5	5.7	8.5



#23
Nitrobenzene-d5
Concen: 113.204 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BG057722.D
Acq: 15 Jun 2023 13:14

Tgt Ion:	82	Resp:	281803
Ion	Ratio	Lower	Upper
82	100		
128	37.8	27.7	41.5
54	60.0	53.8	80.8

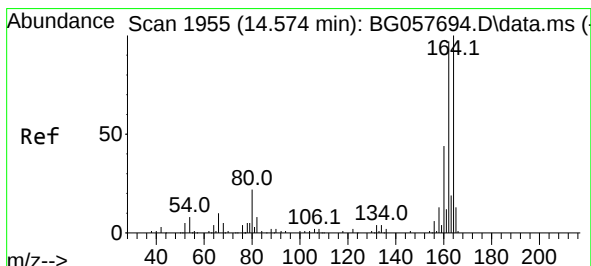
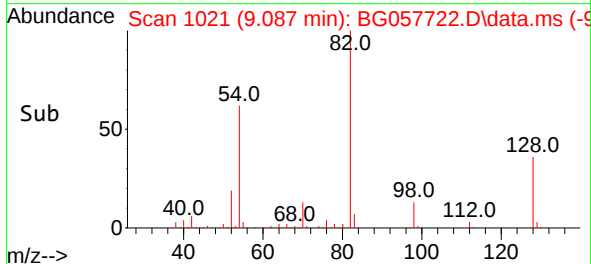
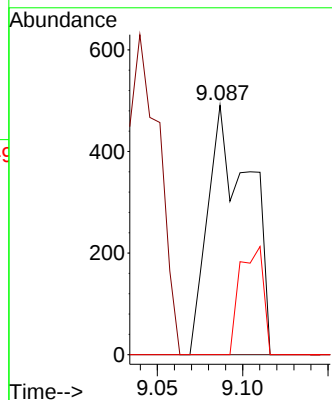
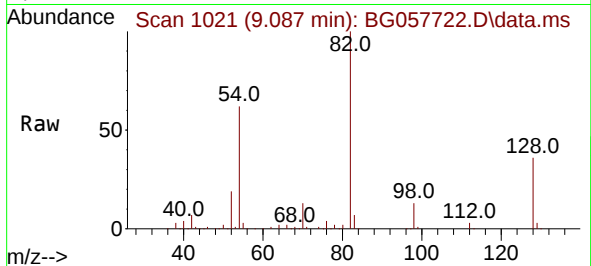




#24
Nitrobenzene
Concen: 5.356 ng
RT: 9.087 min Scan# 1031
Delta R.T. -0.058 min
Lab File: BG057722.D
Acq: 15 Jun 2023 13:14

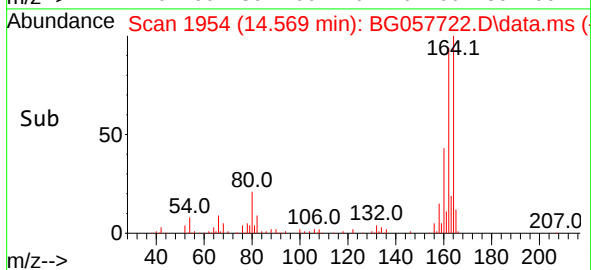
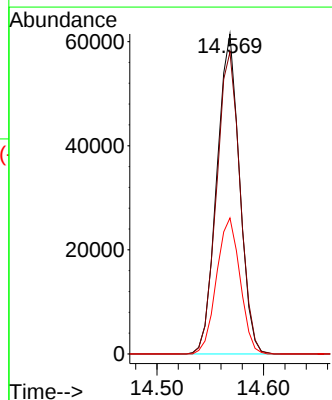
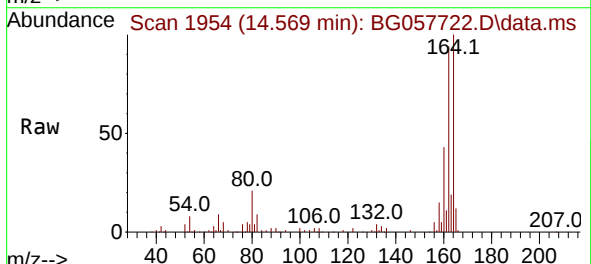
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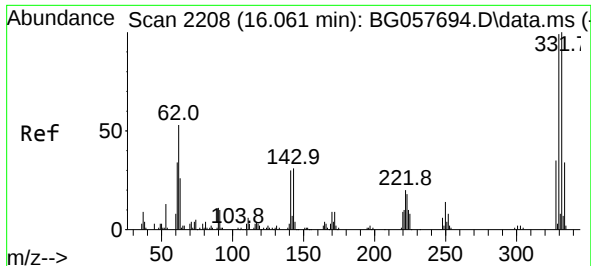
Tgt Ion: 77 Resp: 827
Ion Ratio Lower Upper
77 100
123 0.0 31.2 46.8#
65 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1954
Delta R.T. -0.005 min
Lab File: BG057722.D
Acq: 15 Jun 2023 13:14

Tgt Ion: 164 Resp: 90732
Ion Ratio Lower Upper
164 100
162 94.4 77.7 116.5
160 42.5 35.1 52.7

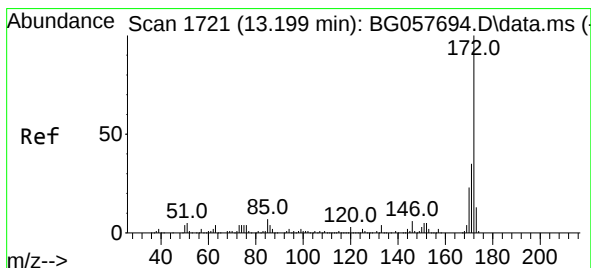
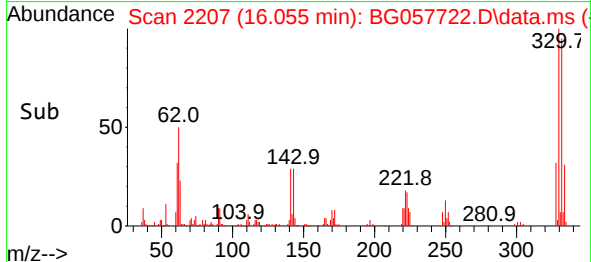
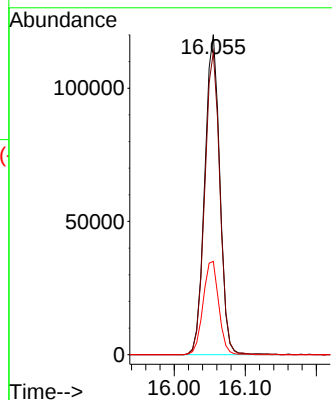
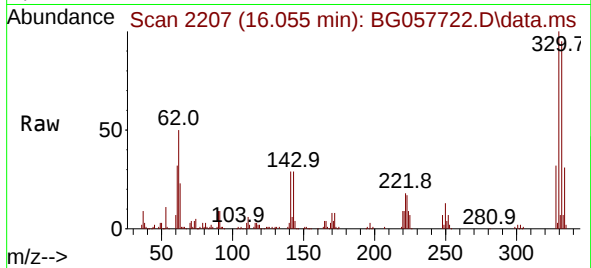




#42
2,4,6-Tribromophenol
Concen: 174.598 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057722.D
Acq: 15 Jun 2023 13:14

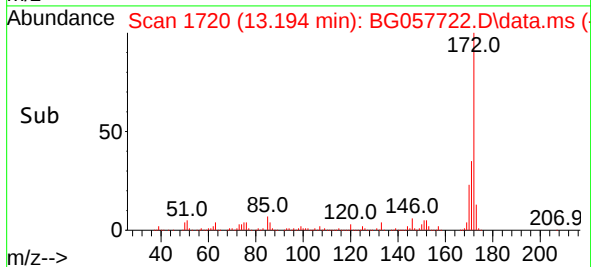
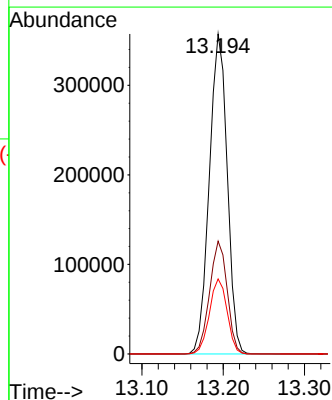
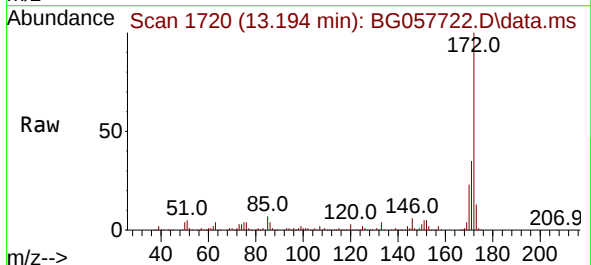
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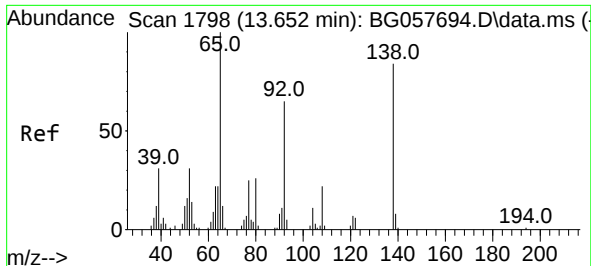
Tgt Ion:330 Resp: 176738
Ion Ratio Lower Upper
330 100
332 95.5 79.0 118.6
141 30.5 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 89.743 ng
RT: 13.194 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BG057722.D
Acq: 15 Jun 2023 13:14

Tgt Ion:172 Resp: 546260
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.5 18.2 27.4

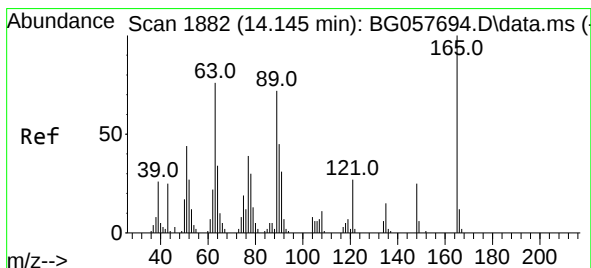
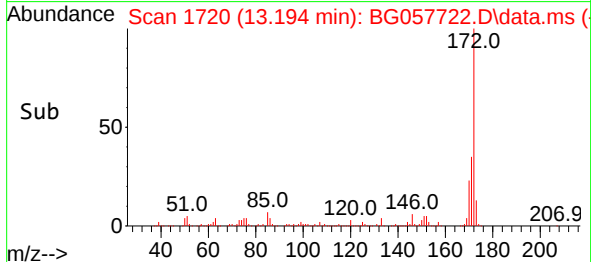
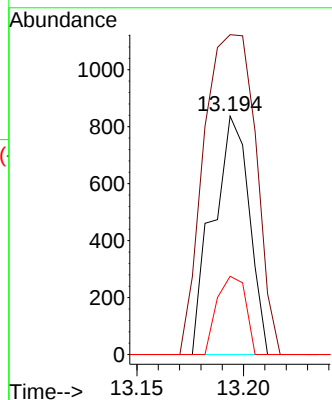
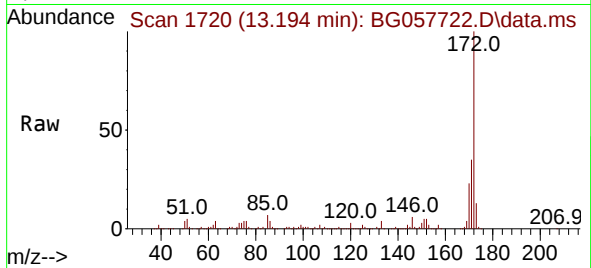




#48
2-Nitroaniline
Concen: 5.082 ng
RT: 13.194 min Scan# 11
Delta R.T. -0.458 min
Lab File: BG057722.D
Acq: 15 Jun 2023 13:14

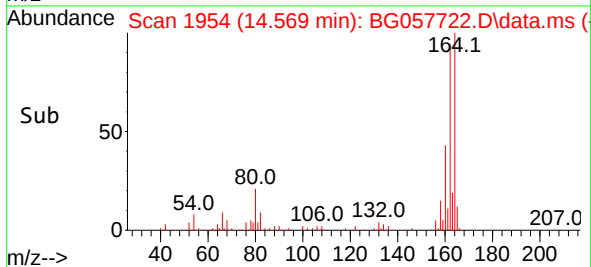
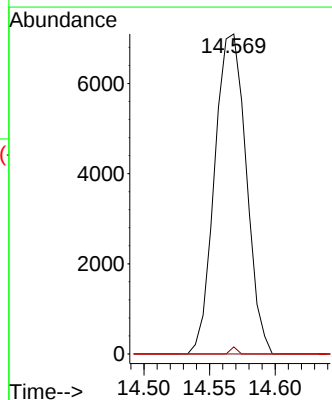
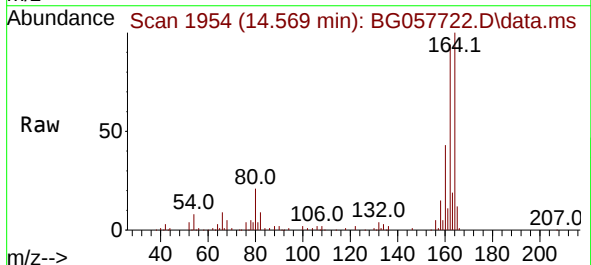
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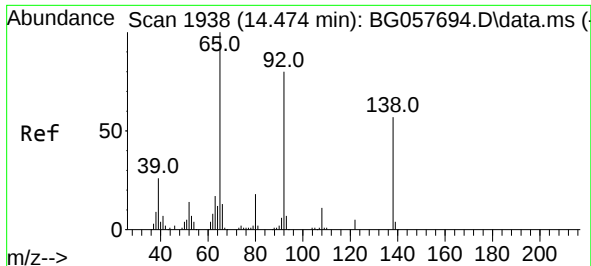
Tgt Ion: 65 Resp: 993
Ion Ratio Lower Upper
65 100
92 134.2 52.2 78.4#
138 32.9 67.0 100.4#



#51
2,6-Dinitrotoluene
Concen: 17.774 ng
RT: 14.569 min Scan# 1954
Delta R.T. 0.424 min
Lab File: BG057722.D
Acq: 15 Jun 2023 13:14

Tgt Ion:165 Resp: 11871
Ion Ratio Lower Upper
165 100
63 2.2 62.3 93.5#
89 0.0 57.4 86.0#

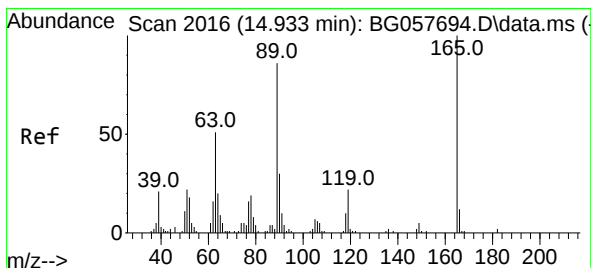
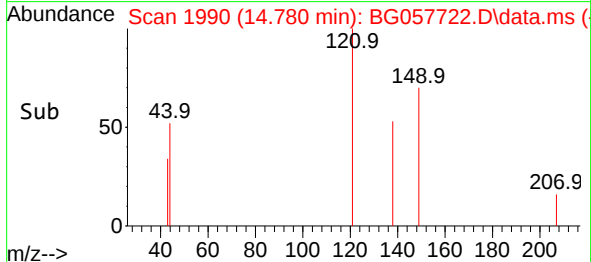
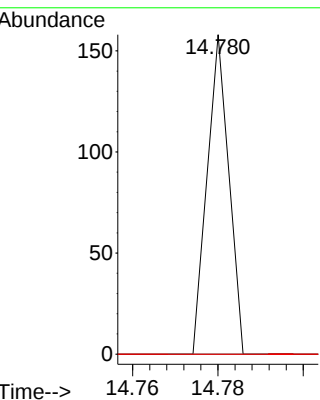
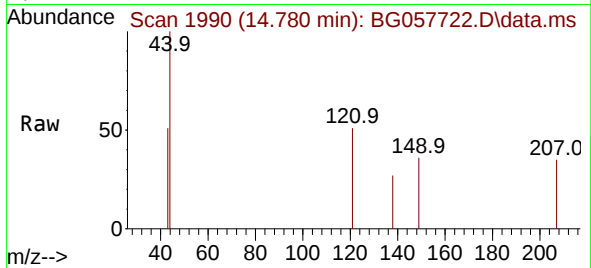




#53
3-Nitroaniline
Concen: 3.758 ng
RT: 14.780 min Scan# 1938
Delta R.T. 0.306 min
Lab File: BG057722.D
Acq: 15 Jun 2023 13:14

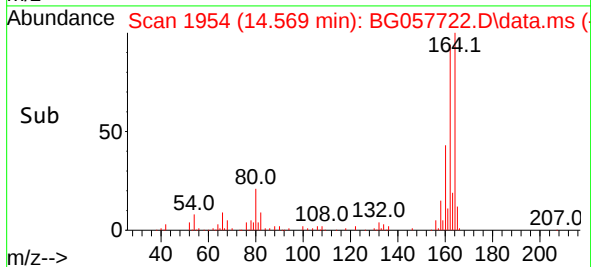
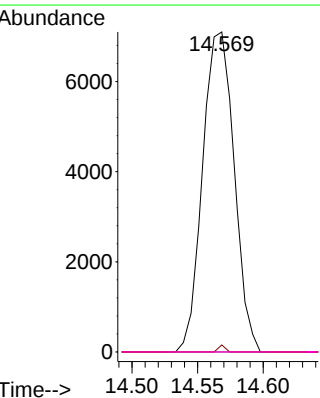
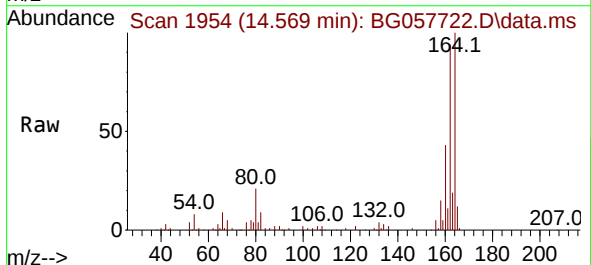
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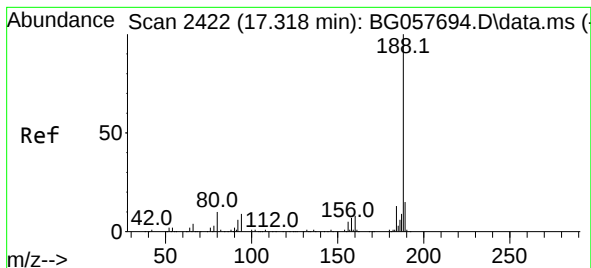
Tgt Ion:138 Resp: 56
Ion Ratio Lower Upper
138 100
108 0.0 15.8 23.8#
92 0.0 112.2 168.2#



#57
2,4-Dinitrotoluene
Concen: 14.752 ng
RT: 14.569 min Scan# 1954
Delta R.T. -0.364 min
Lab File: BG057722.D
Acq: 15 Jun 2023 13:14

Tgt Ion:165 Resp: 11871
Ion Ratio Lower Upper
165 100
63 2.2 40.8 61.2#
89 0.0 68.5 102.7#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.312 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG057722.D

Acq: 15 Jun 2023 13:14

Instrument :

BNA_G

ClientSampleId :

SU-622-COMP-01

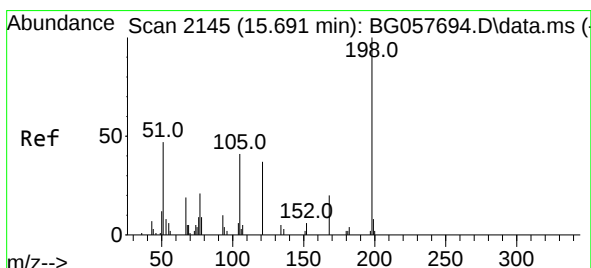
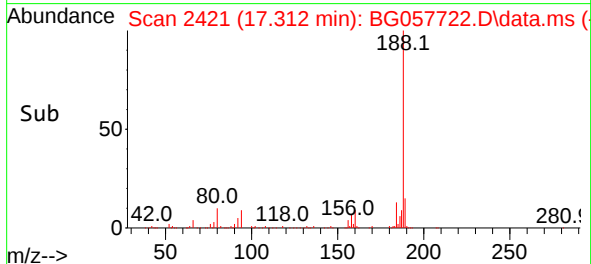
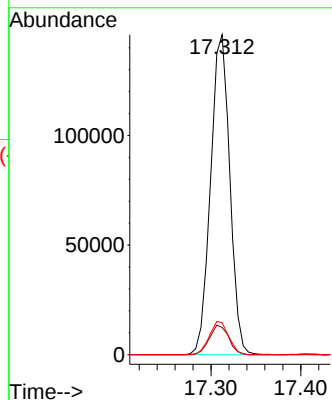
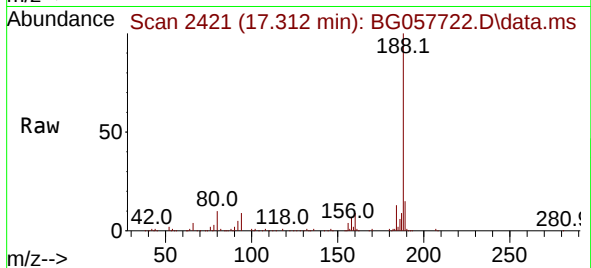
Tgt Ion:188 Resp: 216714

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

80 10.0 8.2 12.4



#65

4,6-Dinitro-2-methylphenol

Concen: 3.130 ng

RT: 16.049 min Scan# 2206

Delta R.T. 0.358 min

Lab File: BG057722.D

Acq: 15 Jun 2023 13:14

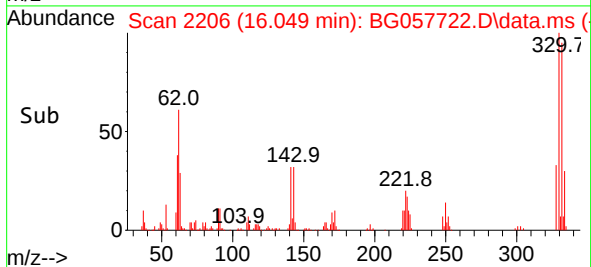
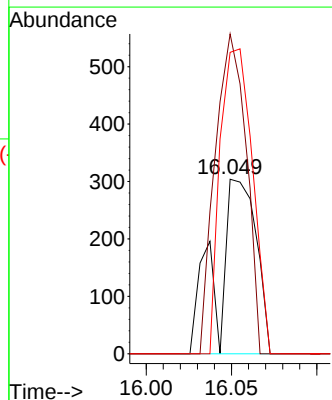
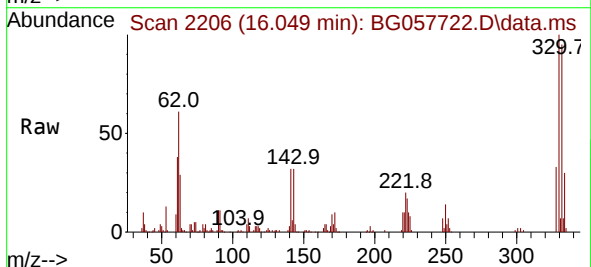
Tgt Ion:198 Resp: 491

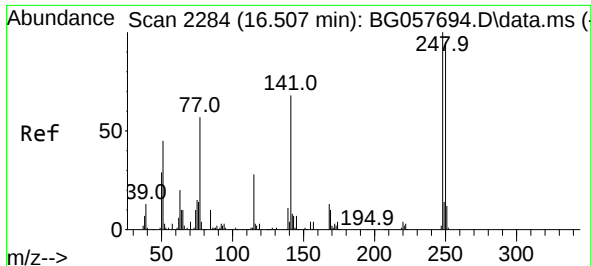
Ion Ratio Lower Upper

198 100

51 183.2 42.0 82.0#

105 172.7 30.9 70.9#

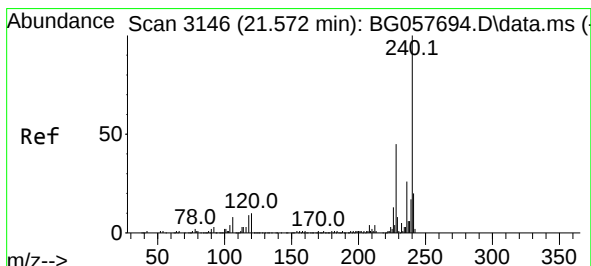
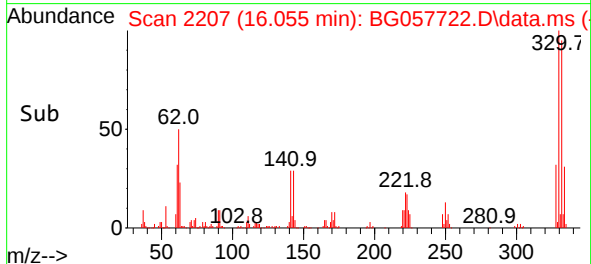
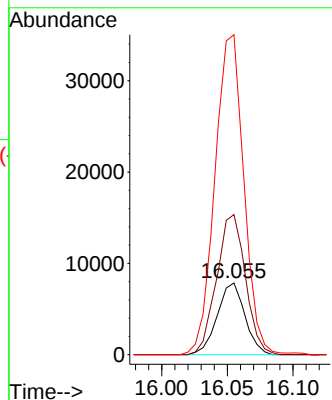
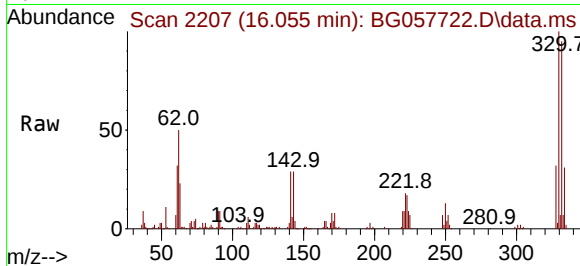




#67
4-Bromophenyl-phenylether
Concen: 5.227 ng
RT: 16.055 min Scan# 211
Delta R.T. -0.452 min
Lab File: BG057722.D
Acq: 15 Jun 2023 13:14

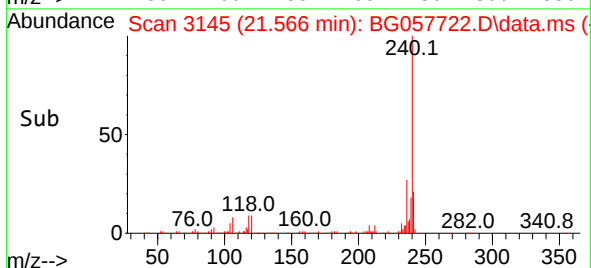
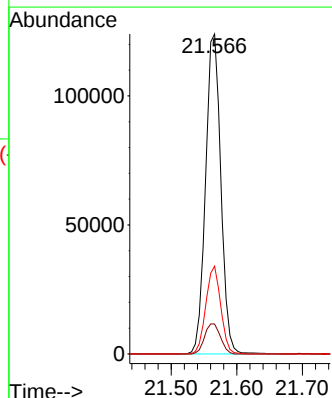
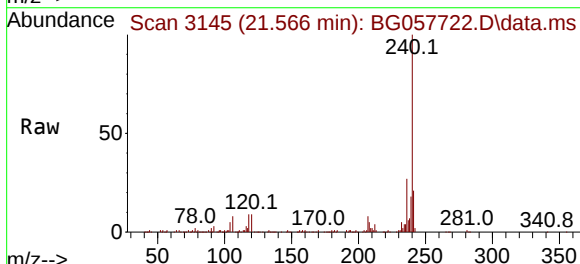
Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01

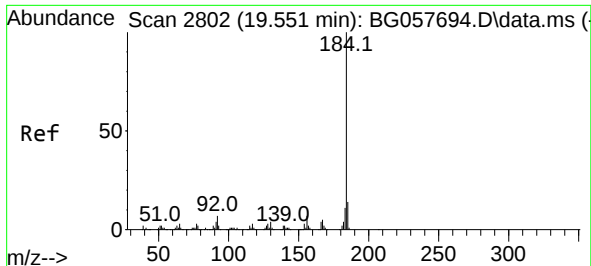
Tgt Ion:248 Resp: 11534
Ion Ratio Lower Upper
248 100
250 195.5 76.3 114.5#
141 446.5 54.6 82.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BG057722.D
Acq: 15 Jun 2023 13:14

Tgt Ion:240 Resp: 200981
Ion Ratio Lower Upper
240 100
120 9.4 8.1 12.1
236 27.5 20.7 31.1

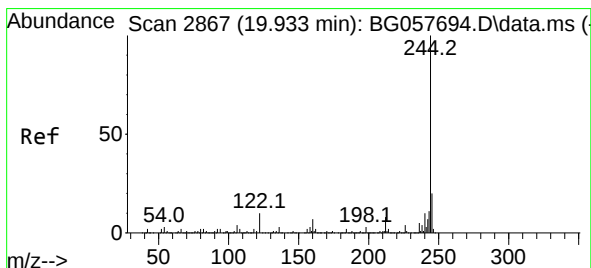
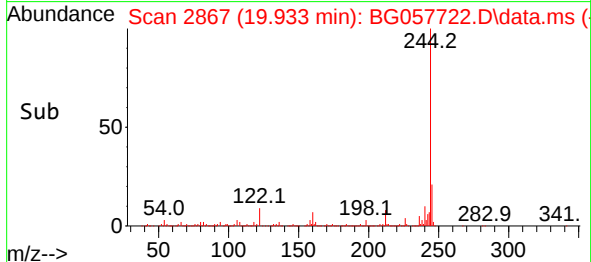
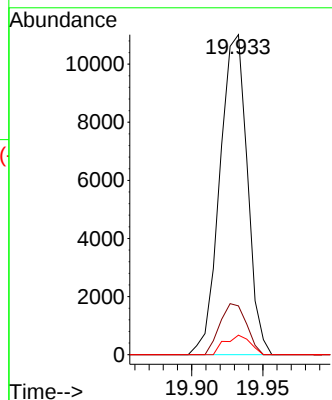
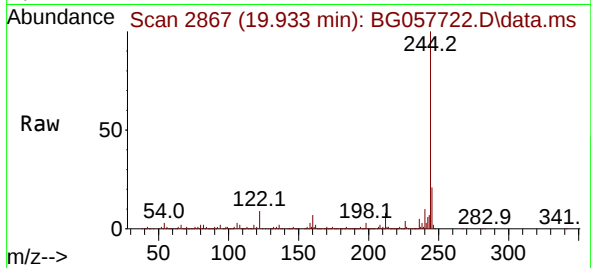




#77
Benzidine
Concen: 3.087 ng
RT: 19.933 min Scan# 2867
Delta R.T. 0.382 min
Lab File: BG057722.D
Acq: 15 Jun 2023 13:14

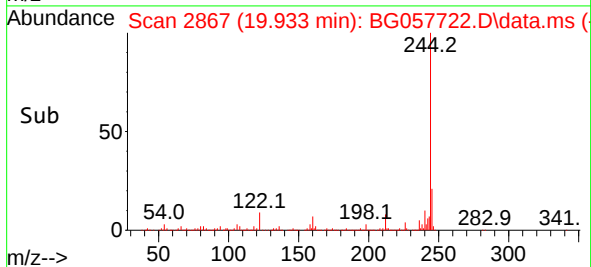
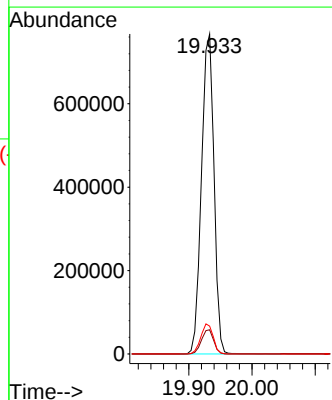
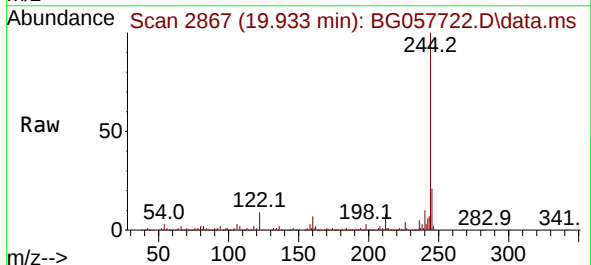
Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01

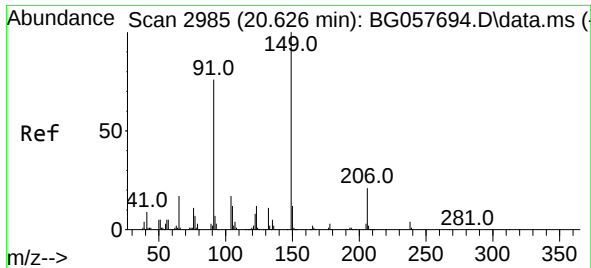
Tgt Ion:184 Resp: 14790
Ion Ratio Lower Upper
184 100
185 15.3 11.1 16.7
183 6.1 8.4 12.6#



#79
Terphenyl-d14
Concen: 97.153 ng
RT: 19.933 min Scan# 2867
Delta R.T. 0.000 min
Lab File: BG057722.D
Acq: 15 Jun 2023 13:14

Tgt Ion:244 Resp: 1056109
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 8.7 7.7 11.5

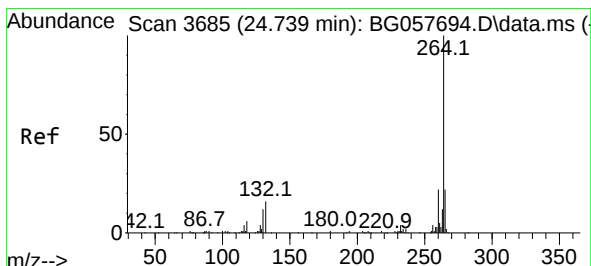
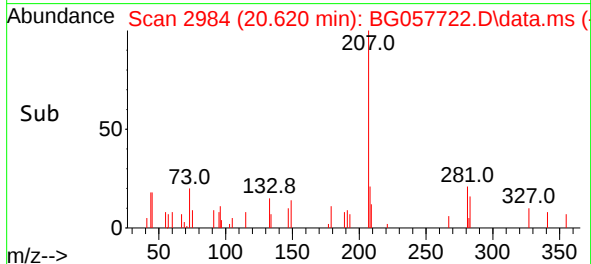
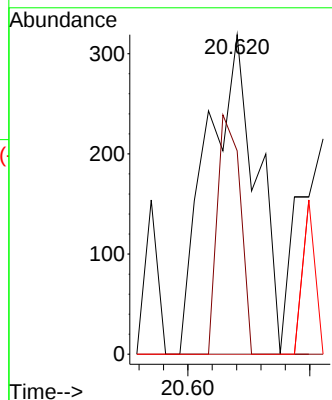
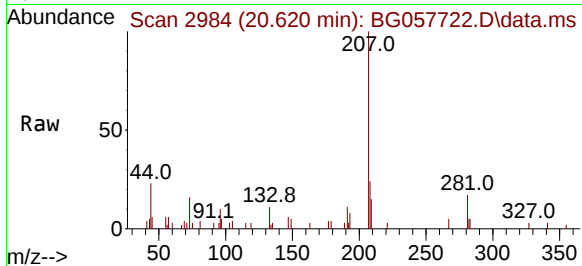




#80
Butylbenzylphthalate
Concen: 4.186 ng
RT: 20.620 min Scan# 2985
Delta R.T. -0.006 min
Lab File: BG057722.D
Acq: 15 Jun 2023 13:14

Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01

Tgt Ion:149 Resp: 451
Ion Ratio Lower Upper
149 100
91 63.6 60.8 91.2
206 0.0 16.8 25.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.721 min Scan# 3682
Delta R.T. -0.017 min
Lab File: BG057722.D
Acq: 15 Jun 2023 13:14

Tgt Ion:264 Resp: 226198
Ion Ratio Lower Upper
264 100
260 23.5 17.3 25.9
265 23.3 17.5 26.3

