

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
 Data File : BG055274.D
 Acq On : 25 Oct 2022 13:19
 Operator : CG/JU
 Sample : N5222-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 25 13:58:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

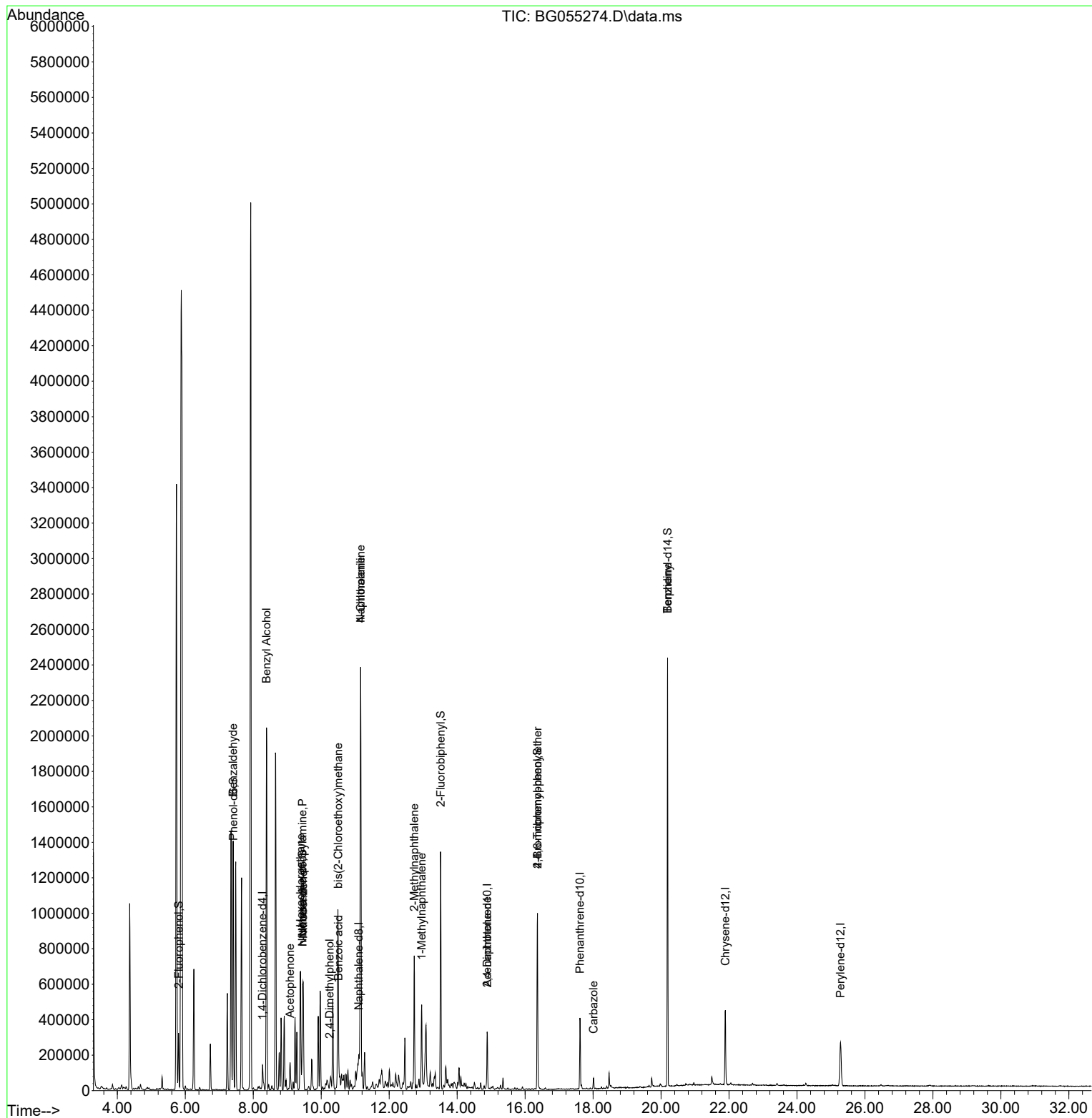
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	40178	20.000	ng	0.00
21) Naphthalene-d8	11.103	136	165148	20.000	ng	0.00
39) Acenaphthene-d10	14.881	164	111582	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	245166	20.000	ng	0.00
76) Chrysene-d12	21.890	240	250476	20.000	ng	-0.01
86) Perylene-d12	25.280	264	261601	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.803	112	141121	61.501	ng	0.01
7) Phenol-d6	7.413	99	106999	32.186	ng	0.00
23) Nitrobenzene-d5	9.446	82	321570	99.429	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	190846	157.335	ng	0.00
45) 2-Fluorobiphenyl	13.512	172	673309	98.765	ng	0.00
79) Terphenyl-d14	20.192	244	1111562	92.204	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.407	77	99694	43.922	ng	# 1
15) Benzyl Alcohol	8.388	79	115065	41.362	ng	# 4
18) Hexachloroethane	9.387	117	101776	96.137	ng	# 1
19) n-Nitroso-di-n-propyla...	9.446	70	43089	15.609	ng	# 78
22) Acetophenone	9.081	105	127117	30.107	ng	# 59
24) Nitrobenzene	9.469	77	18514	5.498	ng	# 1
27) 2,4-Dimethylphenol	10.251	122	15547	6.753	ng	95
28) bis(2-Chloroethoxy)met...	10.497	93	7014	2.127	ng	# 49
31) Naphthalene	11.161	128	2019316	229.205	ng	96
32) Benzoic acid	10.509	122	10760	9.795	ng	# 2
33) 4-Chloroaniline	11.161	127	307889	81.744	ng	# 33
37) 2-Methylnaphthalene	12.736	142	334989	52.738	ng	99
38) 1-Methylnaphthalene	12.953	142	207496	33.112	ng	100
57) 2,4-Dinitrotoluene	14.881	165	14529	5.616	ng	# 22
67) 4-Bromophenyl-phenylether	16.361	248	12709	5.336	ng	# 1
73) Carbazole	18.012	167	38037	3.094	ng	99
77) Benzidine	20.192	184	17521	2.889	ng	# 88

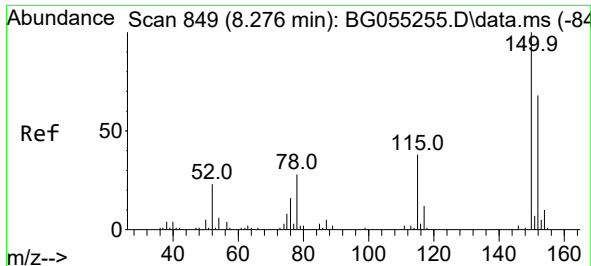
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
Data File : BG055274.D
Acq On : 25 Oct 2022 13:19
Operator : CG/JU
Sample : N5222-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 25 13:58:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration

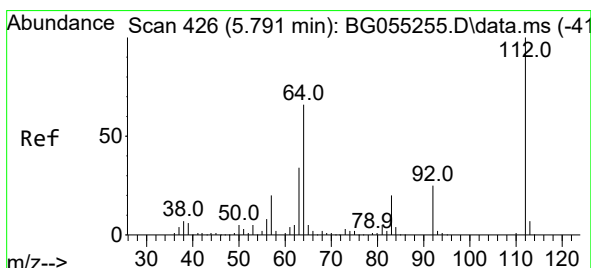
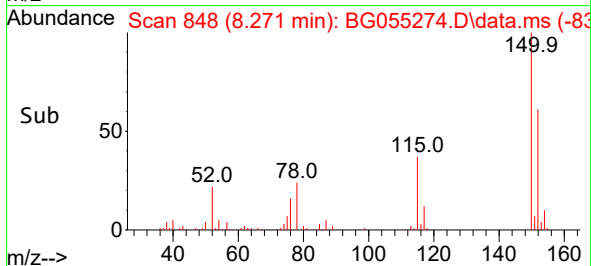
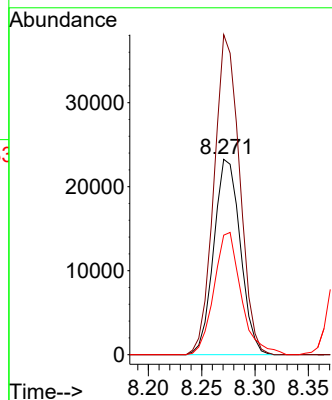
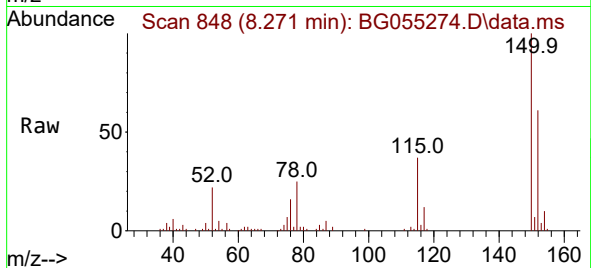




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.271 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

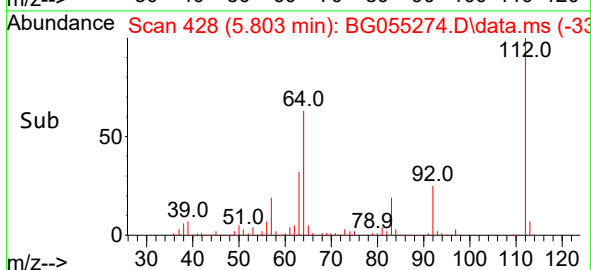
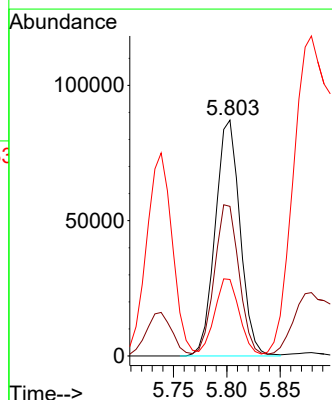
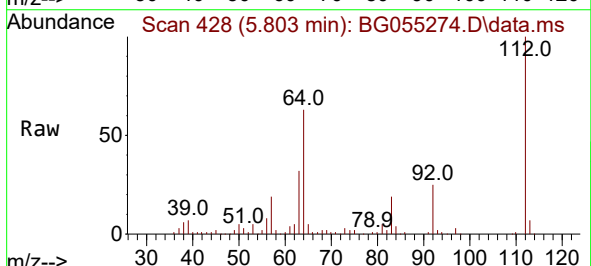
Instrument :
BNA_G
ClientSampleId :

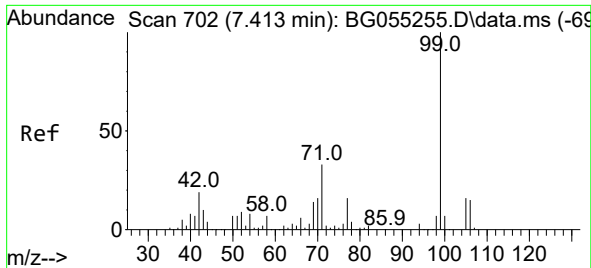
Tgt Ion:152 Resp: 40178
Ion Ratio Lower Upper
152 100
150 163.8 118.2 177.4
115 61.2 44.5 66.7



#5
2-Fluorophenol
Concen: 61.501 ng
RT: 5.803 min Scan# 428
Delta R.T. 0.012 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

Tgt Ion:112 Resp: 141121
Ion Ratio Lower Upper
112 100
64 63.5 52.6 78.8
63 32.4 27.1 40.7

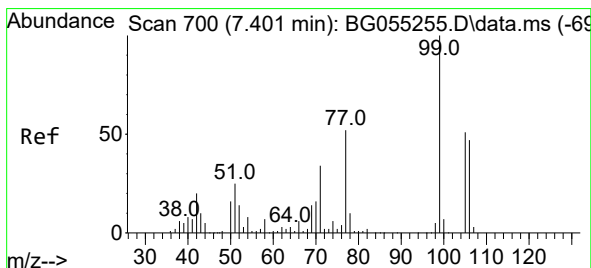
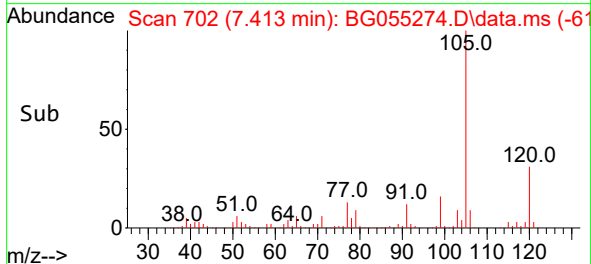
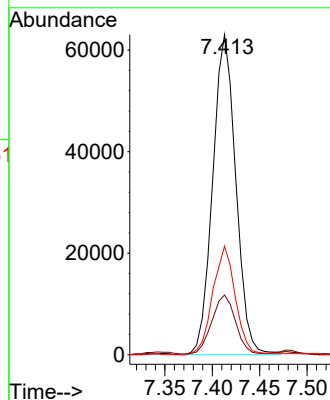
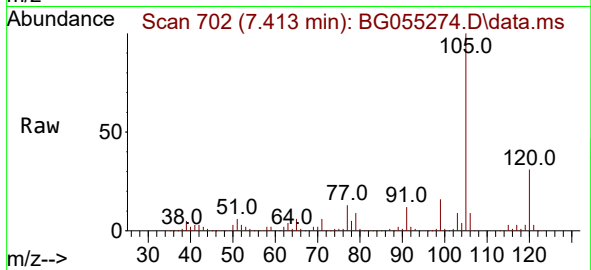




#7
Phenol-d6
Concen: 32.186 ng
RT: 7.413 min Scan# 702
Delta R.T. 0.000 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

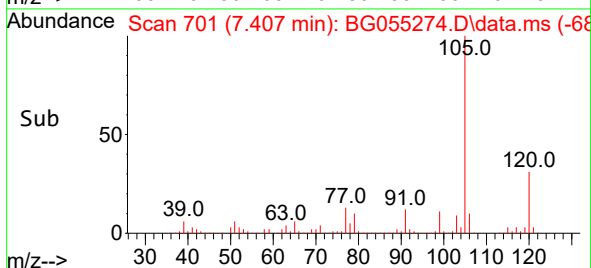
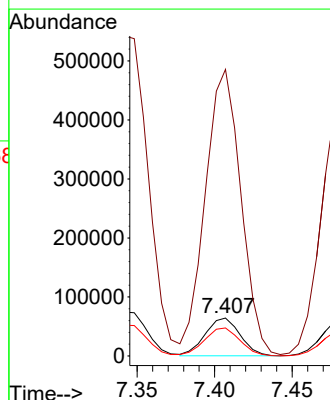
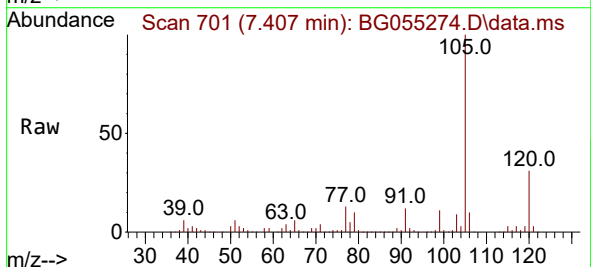
Instrument :
BNA_G
ClientSampleId :

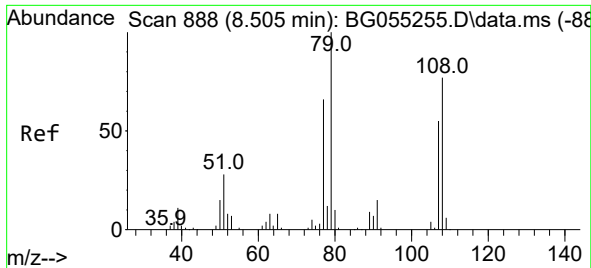
Tgt Ion: 99 Resp: 106999
Ion Ratio Lower Upper
99 100
42 18.6 15.2 22.8
71 33.9 26.2 39.4



#9
Benzaldehyde
Concen: 43.922 ng
RT: 7.407 min Scan# 701
Delta R.T. 0.006 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

Tgt Ion: 77 Resp: 99694
Ion Ratio Lower Upper
77 100
105 756.1 77.9 117.9#
106 74.0 69.9 109.9

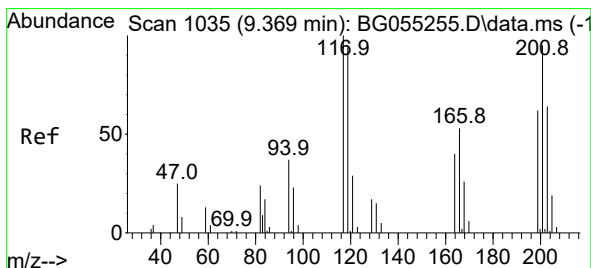
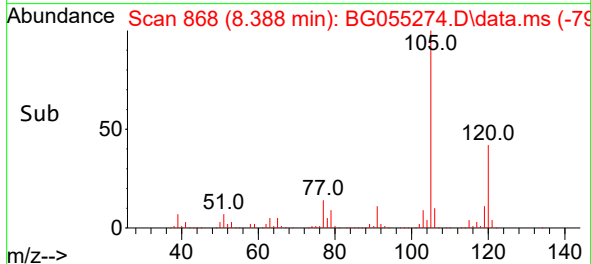
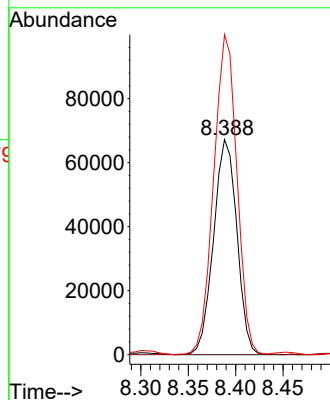
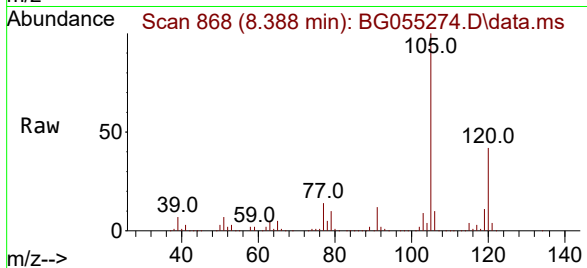




#15
Benzyl Alcohol
Concen: 41.362 ng
RT: 8.388 min Scan# 80
Delta R.T. -0.117 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

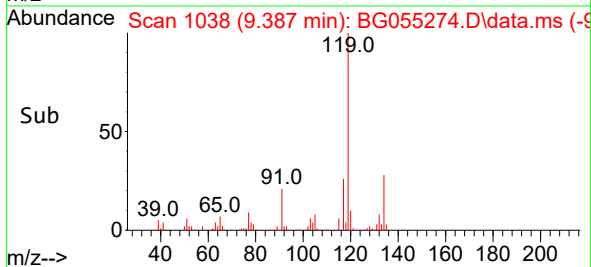
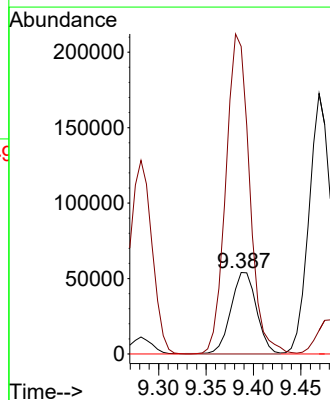
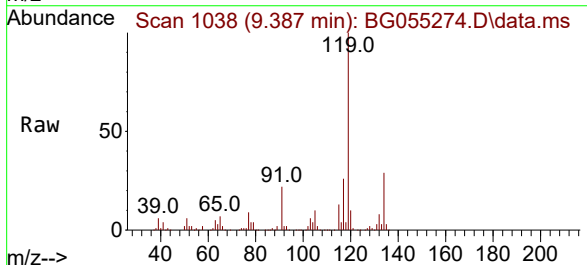
Instrument :
BNA_G
ClientSampleId :

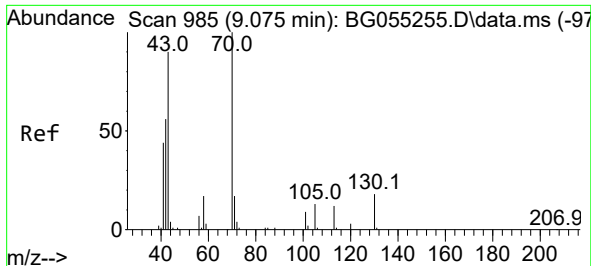
Tgt Ion: 79 Resp: 115065
Ion Ratio Lower Upper
79 100
108 0.0 61.3 91.9#
77 148.7 52.7 79.1#



#18
Hexachloroethane
Concen: 96.137 ng
RT: 9.387 min Scan# 1038
Delta R.T. 0.018 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

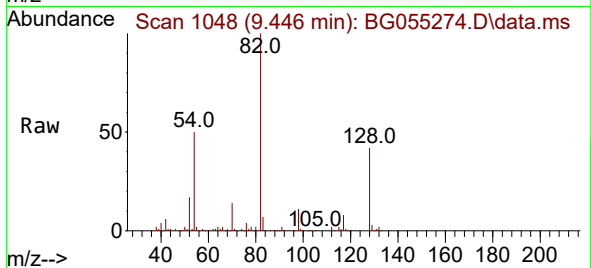
Tgt Ion: 117 Resp: 101776
Ion Ratio Lower Upper
117 100
119 377.5 75.4 113.2#
201 0.0 75.8 113.8#



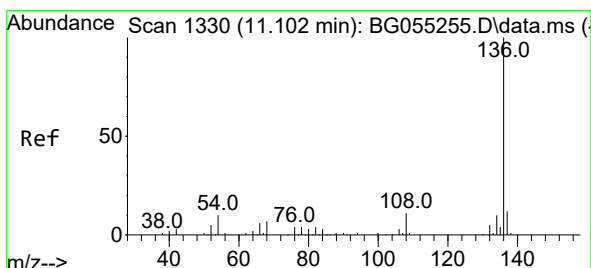
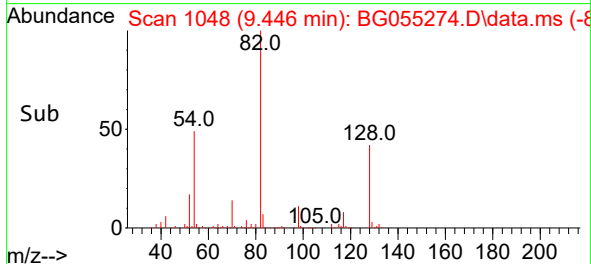
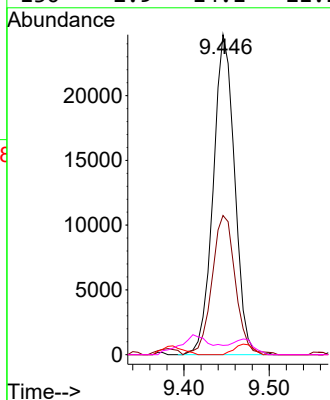


#19
n-Nitroso-di-n-propylamine
Concen: 15.609 ng
RT: 9.446 min Scan# 1048
Delta R.T. 0.370 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

Instrument :
BNA_G
ClientSampleId :

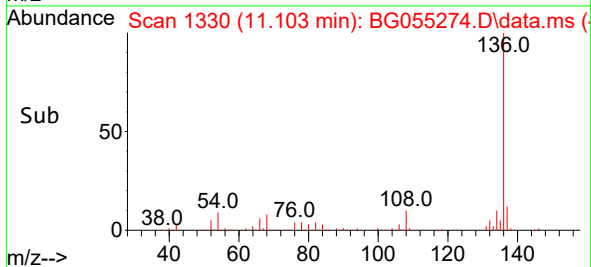
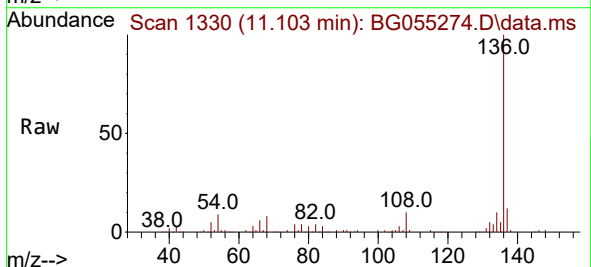
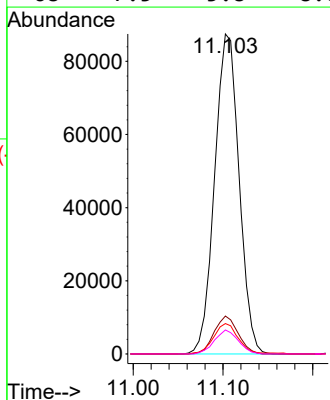


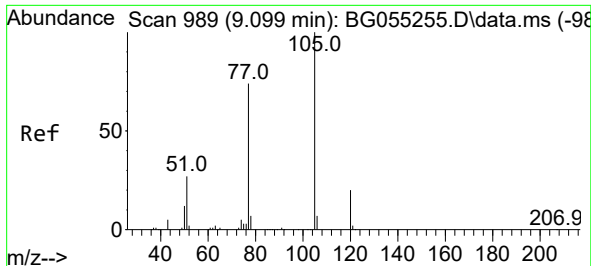
Tgt Ion: 70 Resp: 43089
Ion Ratio Lower Upper
70 100
42 43.5 45.8 68.6#
101 0.0 7.4 11.0#
130 2.9 14.1 21.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.103 min Scan# 1330
Delta R.T. 0.001 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

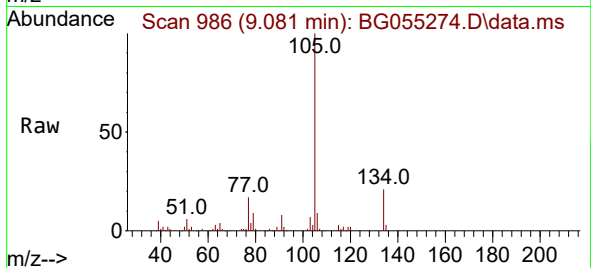
Tgt Ion: 136 Resp: 165148
Ion Ratio Lower Upper
136 100
137 11.8 9.2 13.8
54 9.5 7.8 11.8
68 7.5 5.8 8.6



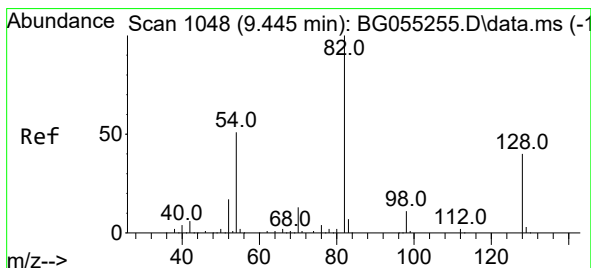
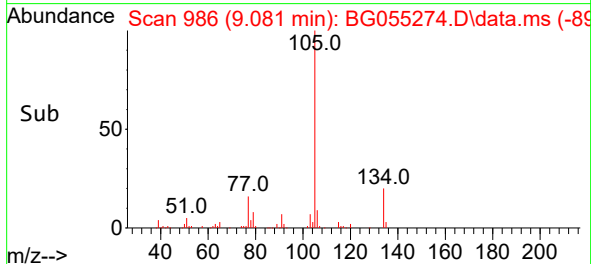
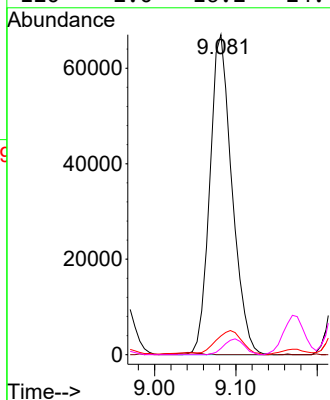


#22
Acetophenone
Concen: 30.107 ng
RT: 9.081 min Scan# 989
Delta R.T. -0.017 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

Instrument :
BNA_G
ClientSampleId :

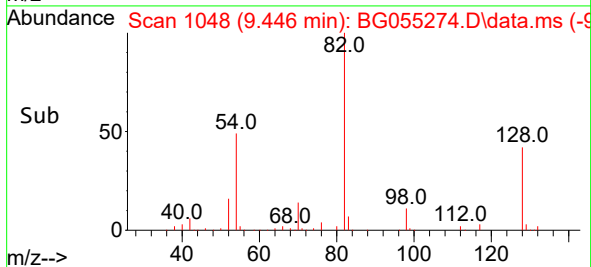
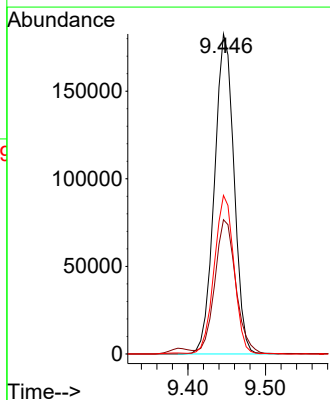
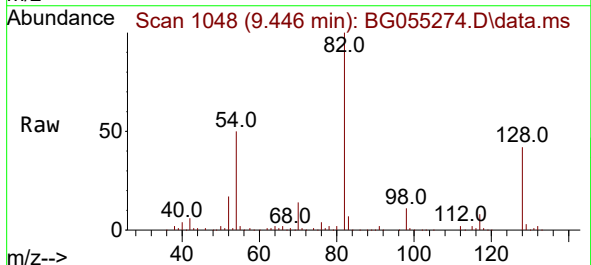


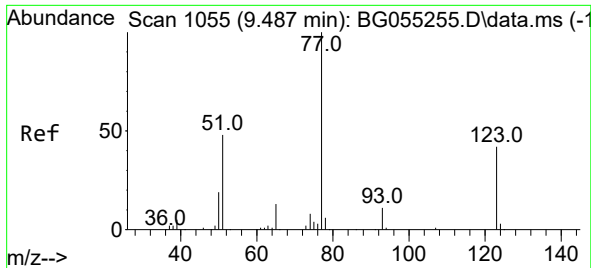
Tgt Ion:105 Resp: 127117
Ion Ratio Lower Upper
105 100
71 0.0 0.8 1.2#
51 5.9 22.9 34.3#
120 2.0 16.2 24.4#



#23
Nitrobenzene-d5
Concen: 99.429 ng
RT: 9.446 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

Tgt Ion: 82 Resp: 321570
Ion Ratio Lower Upper
82 100
128 41.9 32.0 48.0
54 49.5 40.9 61.3

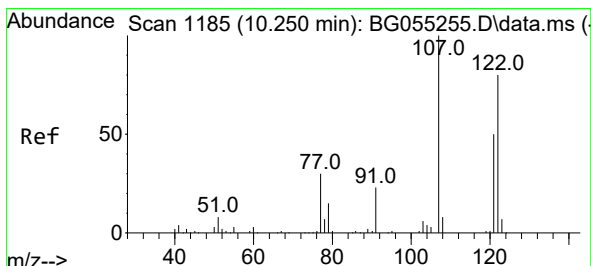
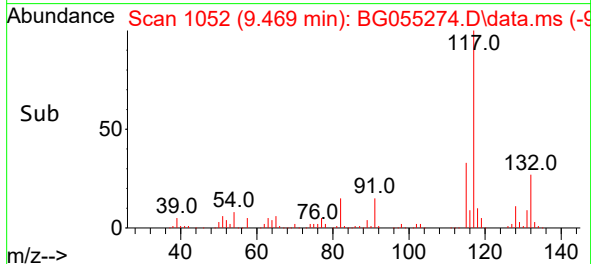
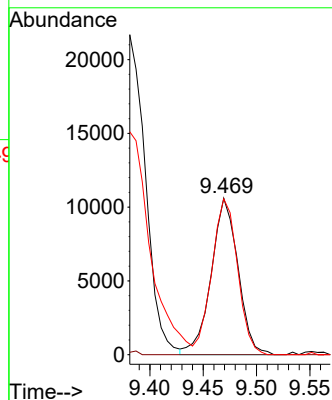
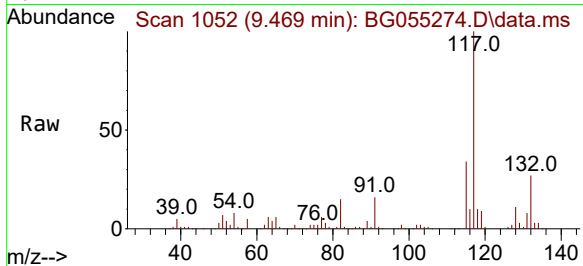




#24
Nitrobenzene
Concen: 5.498 ng
RT: 9.469 min Scan# 1052
Delta R.T. -0.017 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

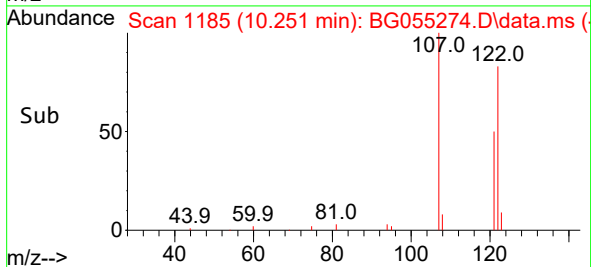
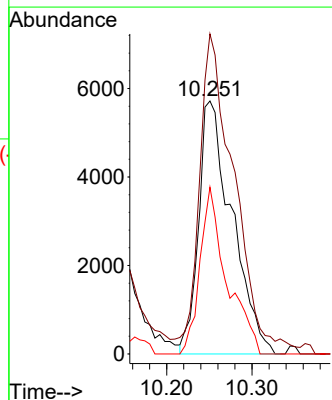
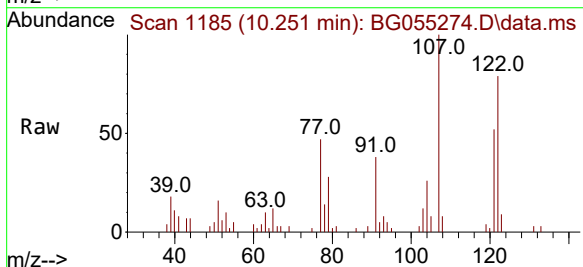
Instrument :
BNA_G
ClientSampleId :

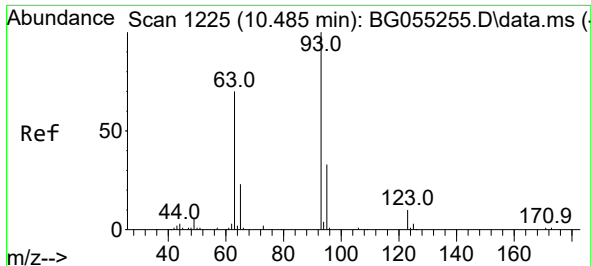
Tgt Ion: 77 Resp: 18514
Ion Ratio Lower Upper
77 100
123 0.0 33.6 50.4#
65 99.6 10.2 15.4#



#27
2,4-Dimethylphenol
Concen: 6.753 ng
RT: 10.251 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

Tgt Ion: 122 Resp: 15547
Ion Ratio Lower Upper
122 100
107 126.5 97.3 145.9
121 65.9 48.5 72.7





#28

bis(2-Chloroethoxy)methane

Concen: 2.127 ng

RT: 10.497 min Scan# 11

Delta R.T. 0.012 min

Lab File: BG055274.D

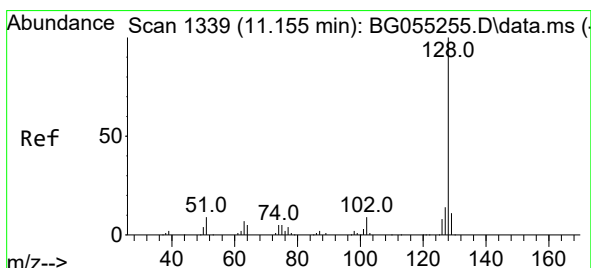
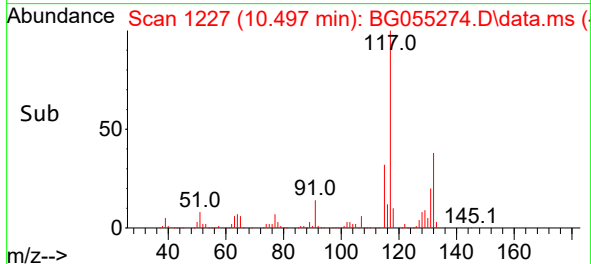
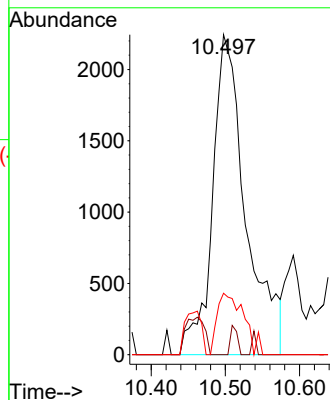
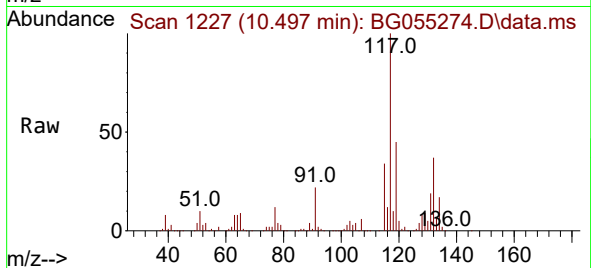
Acq: 25 Oct 2022 13:19

Instrument :

BNA_G

ClientSampleId :

Tgt Ion: 93	Resp:	7014
Ion	Ratio	Lower Upper
93	100	
95	0.0	26.3 39.5#
123	19.2	7.9 11.9#



#31

Naphthalene

Concen: 229.205 ng

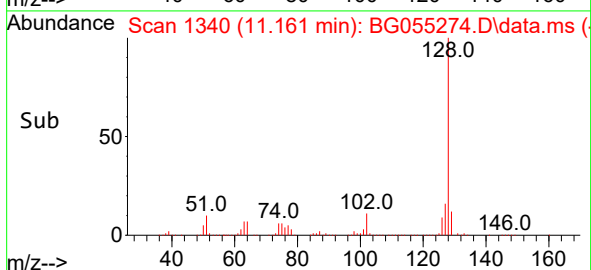
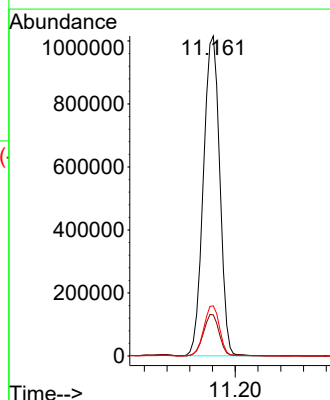
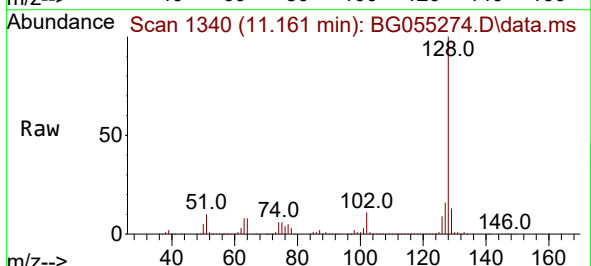
RT: 11.161 min Scan# 1340

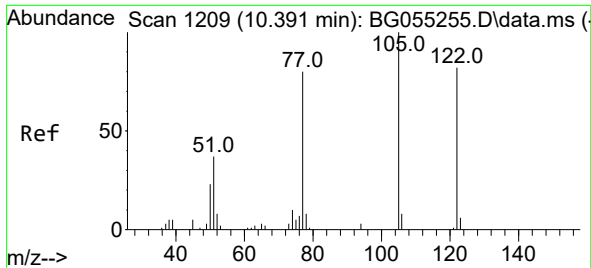
Delta R.T. 0.006 min

Lab File: BG055274.D

Acq: 25 Oct 2022 13:19

Tgt Ion:128	Resp:	2019316
Ion	Ratio	Lower Upper
128	100	
129	12.9	9.0 13.6
127	15.6	11.1 16.7

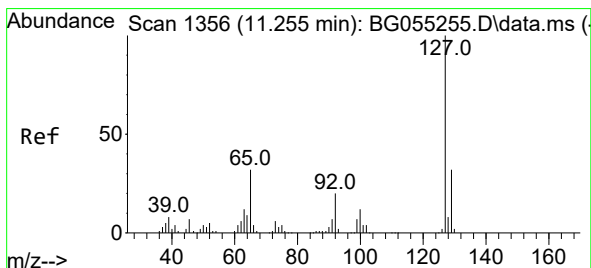
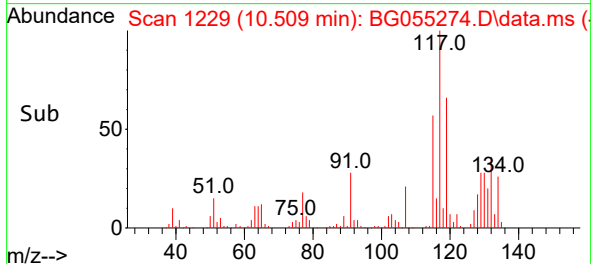
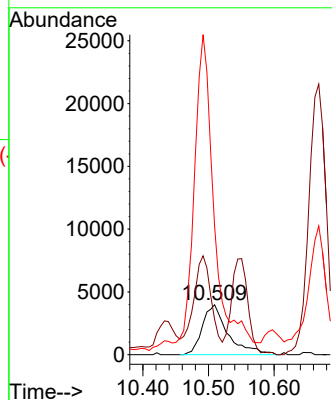
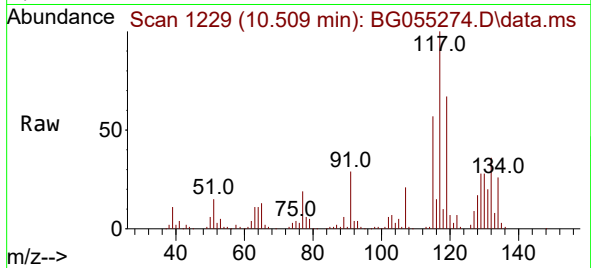




#32
Benzoic acid
Concen: 9.795 ng
RT: 10.509 min Scan# 11
Delta R.T. 0.118 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

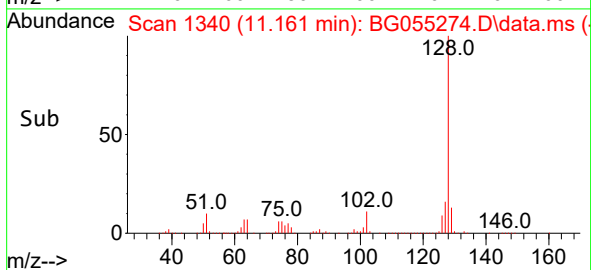
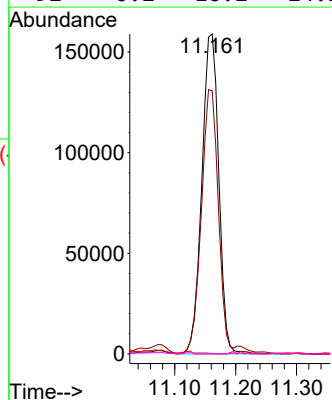
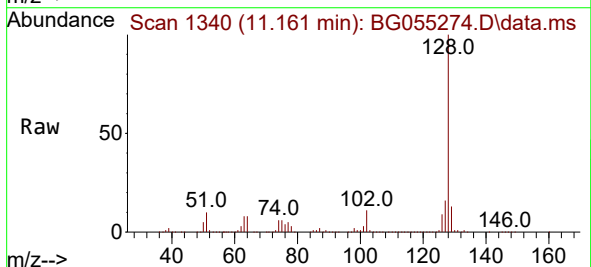
Instrument :
BNA_G
ClientSampleId :

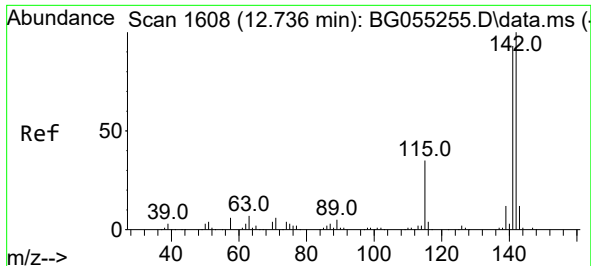
Tgt Ion:122 Resp: 10760
Ion Ratio Lower Upper
122 100
105 70.8 101.3 141.3#
77 257.4 76.9 116.9#



#33
4-Chloroaniline
Concen: 81.744 ng
RT: 11.161 min Scan# 1340
Delta R.T. -0.094 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

Tgt Ion:127 Resp: 307889
Ion Ratio Lower Upper
127 100
129 82.2 25.4 38.0#
65 0.0 25.5 38.3#
92 0.2 16.2 24.2#





#37

2-Methylnaphthalene

Concen: 52.738 ng

RT: 12.736 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG055274.D

Acq: 25 Oct 2022 13:19

Instrument :

BNA_G

ClientSampleId :

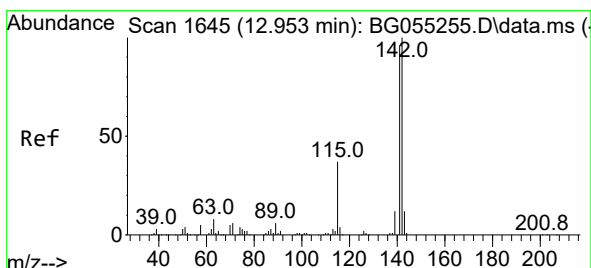
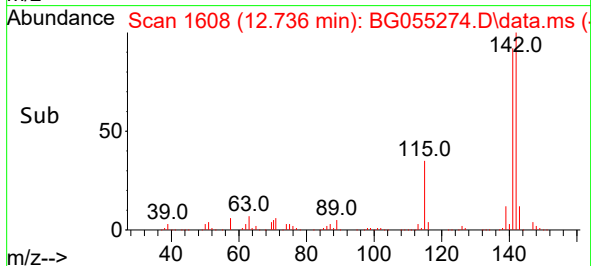
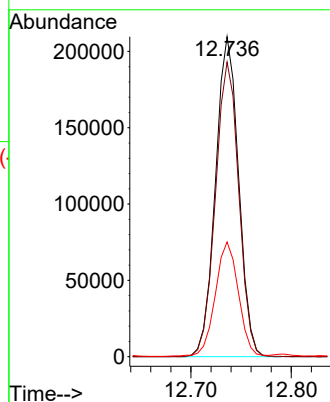
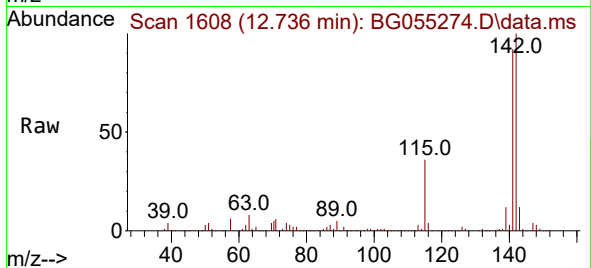
Tgt Ion:142 Resp: 334989

Ion Ratio Lower Upper

142 100

141 92.1 74.0 111.0

115 35.8 28.3 42.5



#38

1-Methylnaphthalene

Concen: 33.112 ng

RT: 12.953 min Scan# 1645

Delta R.T. 0.000 min

Lab File: BG055274.D

Acq: 25 Oct 2022 13:19

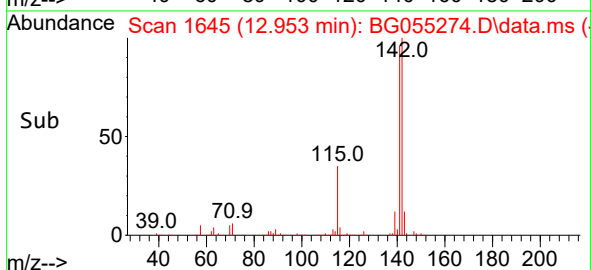
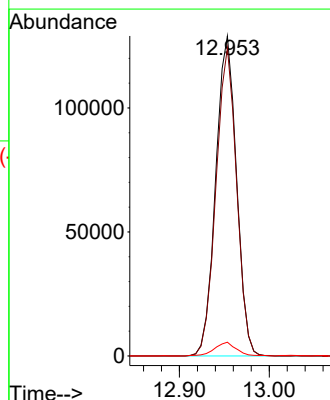
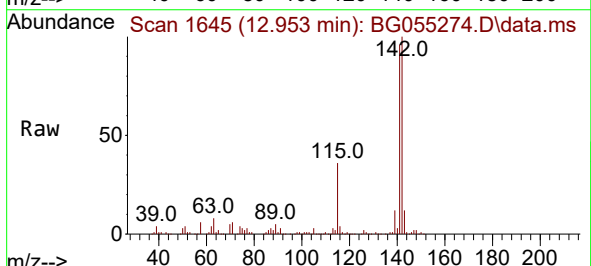
Tgt Ion:142 Resp: 207496

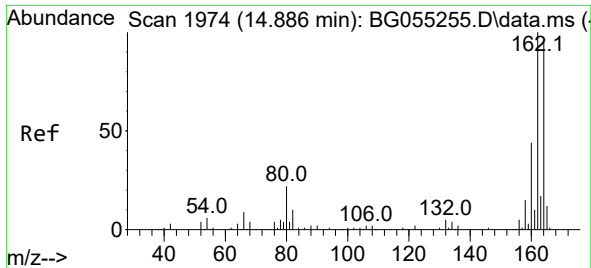
Ion Ratio Lower Upper

142 100

141 96.4 77.1 115.7

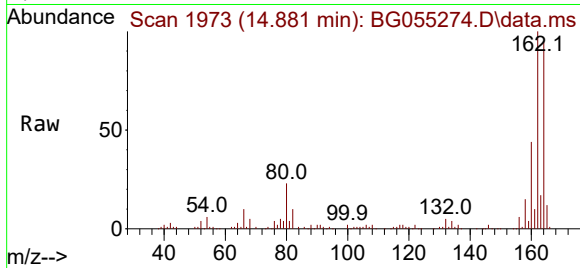
116 4.3 3.0 4.6



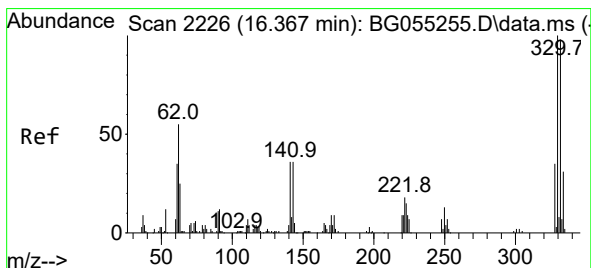
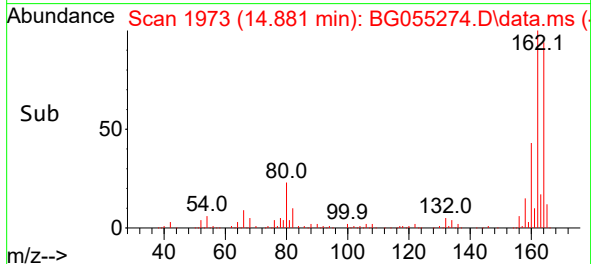
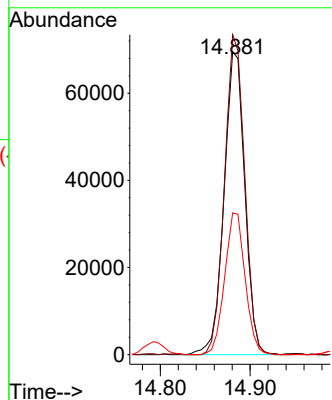


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.881 min Scan# 1974
Delta R.T. -0.005 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

Instrument :
BNA_G
ClientSampleId :

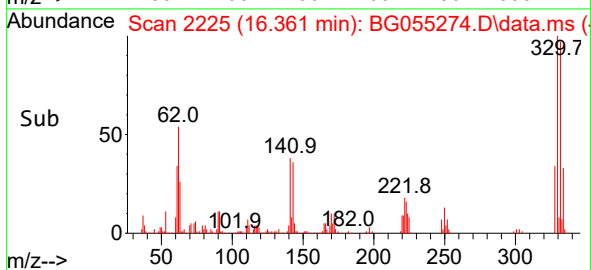
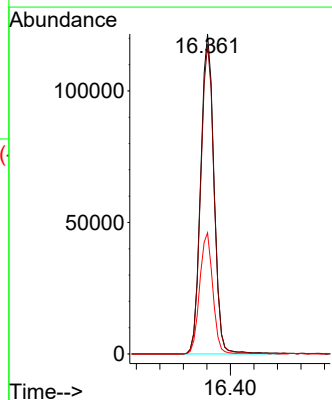
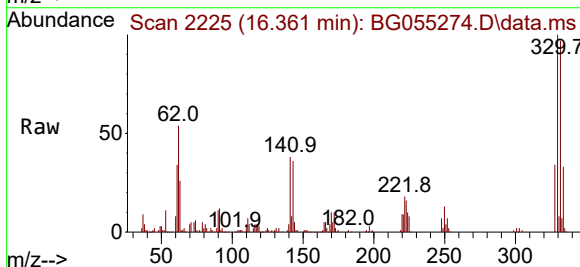


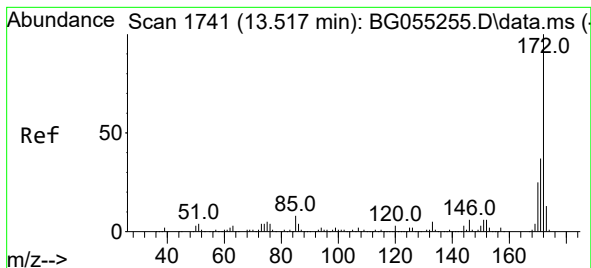
Tgt Ion:164 Resp: 111582
Ion Ratio Lower Upper
164 100
162 105.6 84.0 126.0
160 46.8 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 157.335 ng
RT: 16.361 min Scan# 2225
Delta R.T. -0.006 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

Tgt Ion:330 Resp: 190846
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 37.2 29.8 44.8





#45

2-Fluorobiphenyl

Concen: 98.765 ng

RT: 13.512 min Scan# 1

Delta R.T. -0.006 min

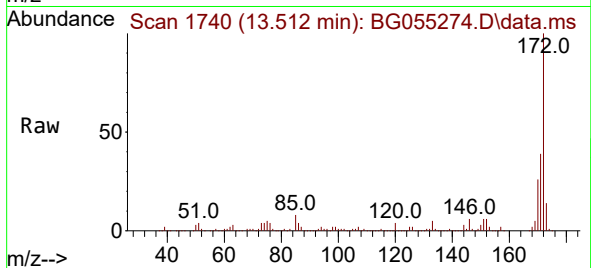
Lab File: BG055274.D

Acq: 25 Oct 2022 13:19

Instrument :

BNA_G

ClientSampleId :



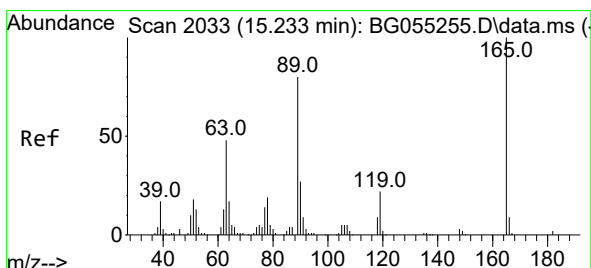
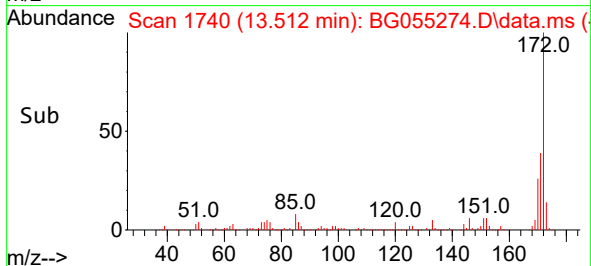
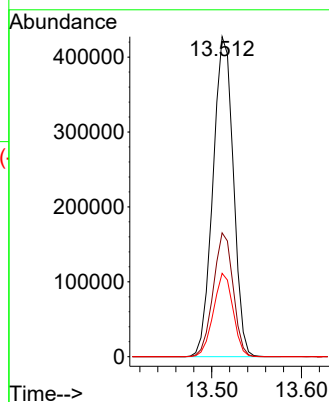
Tgt Ion:172 Resp: 673309

Ion Ratio Lower Upper

172 100

171 38.7 29.7 44.5

170 26.1 20.2 30.2



#57

2,4-Dinitrotoluene

Concen: 5.616 ng

RT: 14.881 min Scan# 1973

Delta R.T. -0.352 min

Lab File: BG055274.D

Acq: 25 Oct 2022 13:19

Tgt Ion:165 Resp: 14529

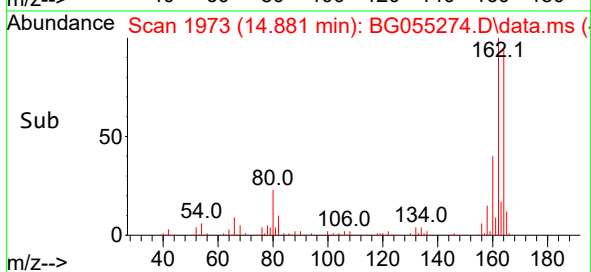
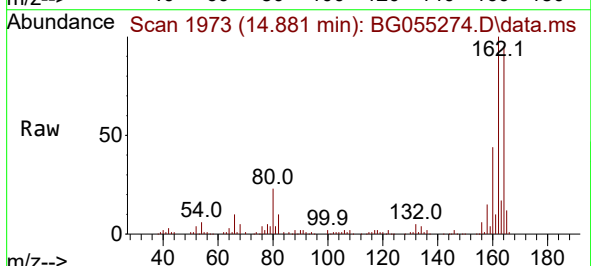
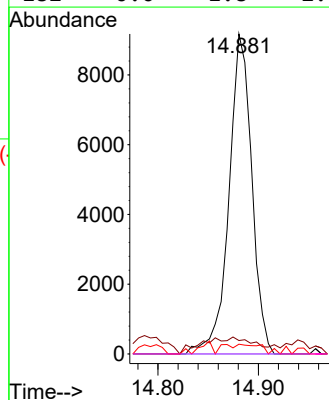
Ion Ratio Lower Upper

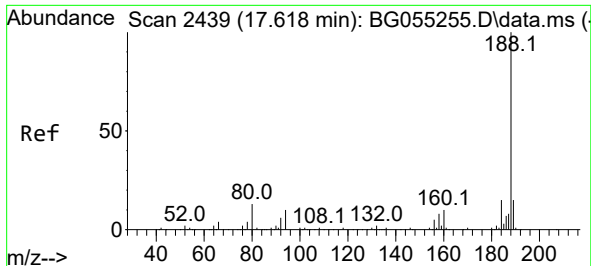
165 100

63 4.2 38.9 58.3#

89 3.0 64.2 96.4#

182 0.0 1.8 2.6#

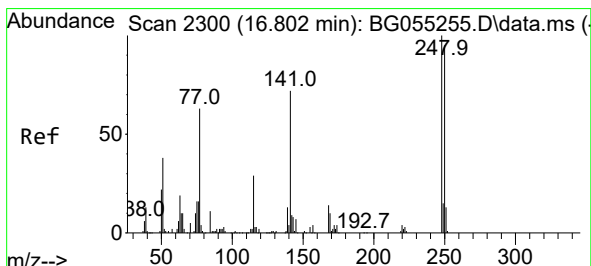
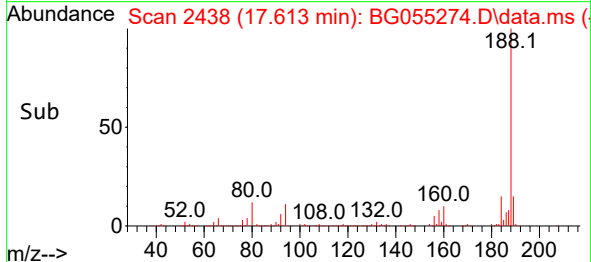
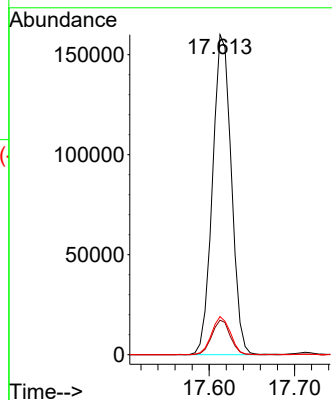
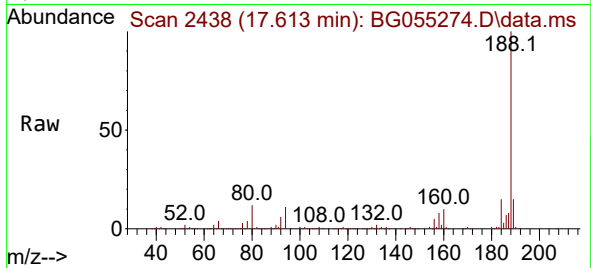




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.613 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

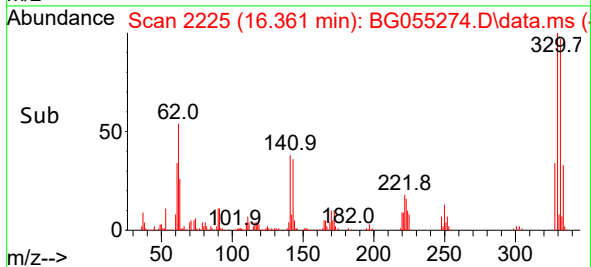
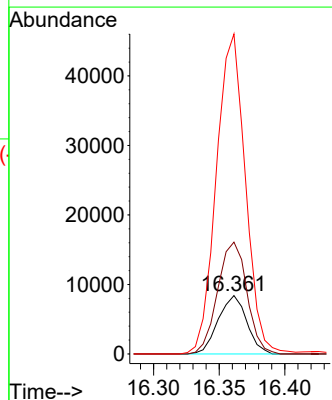
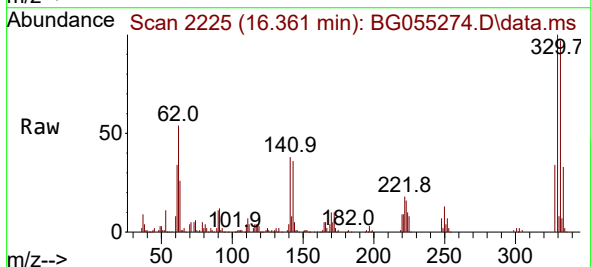
Instrument :
BNA_G
ClientSampleId :

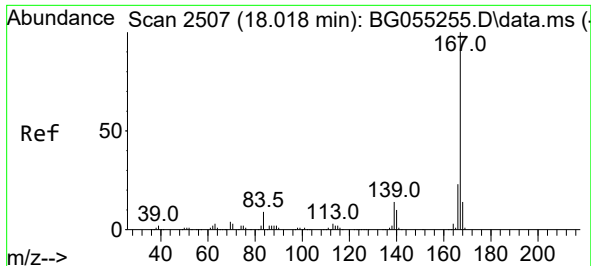
Tgt Ion:188 Resp: 245166
Ion Ratio Lower Upper
188 100
94 10.8 8.2 12.4
80 11.9 10.1 15.1



#67
4-Bromophenyl-phenylether
Concen: 5.336 ng
RT: 16.361 min Scan# 2225
Delta R.T. -0.440 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

Tgt Ion:248 Resp: 12709
Ion Ratio Lower Upper
248 100
250 191.7 76.0 114.0#
141 548.4 58.0 87.0#

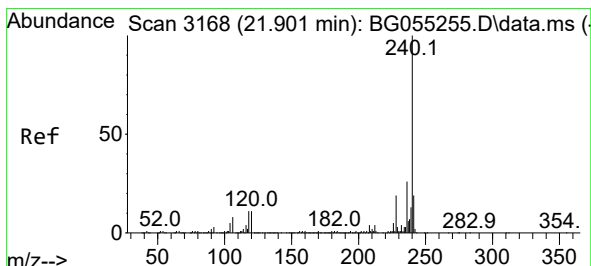
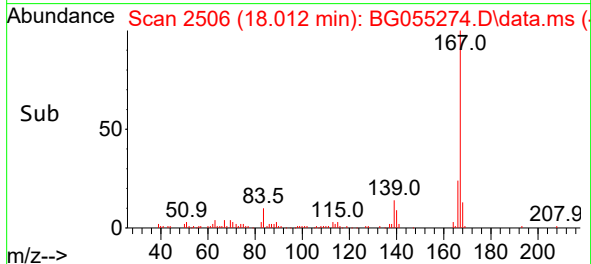
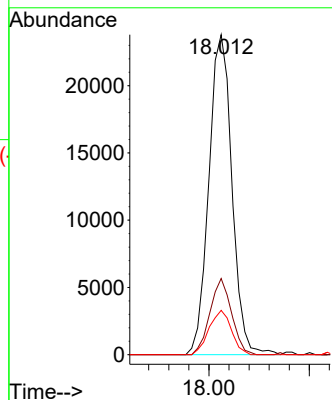
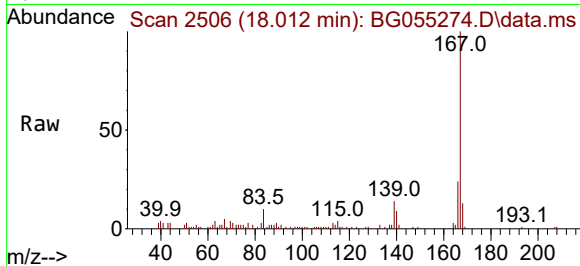




#73
 Carbazole
 Concen: 3.094 ng
 RT: 18.012 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG055274.D
 Acq: 25 Oct 2022 13:19

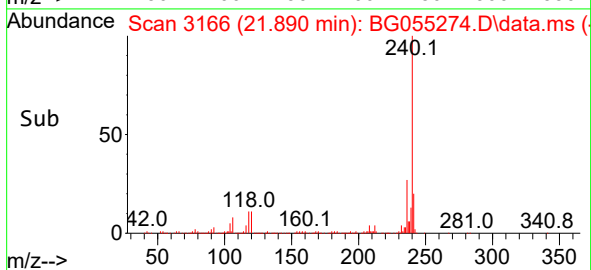
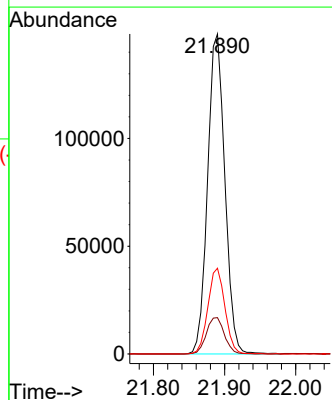
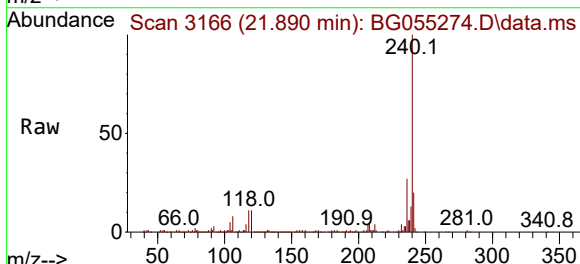
Instrument :
 BNA_G
 ClientSampleId :

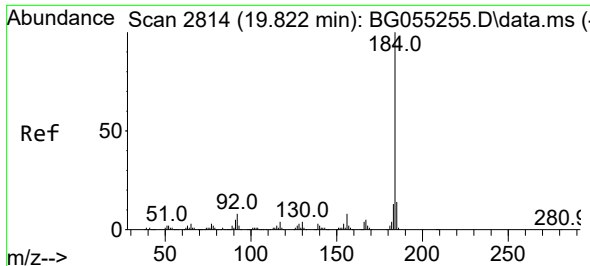
Tgt Ion:167 Resp: 38037
 Ion Ratio Lower Upper
 167 100
 166 23.8 18.6 27.8
 139 13.8 10.9 16.3



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.890 min Scan# 3166
 Delta R.T. -0.011 min
 Lab File: BG055274.D
 Acq: 25 Oct 2022 13:19

Tgt Ion:240 Resp: 250476
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.9 13.3
 236 26.8 21.0 31.4

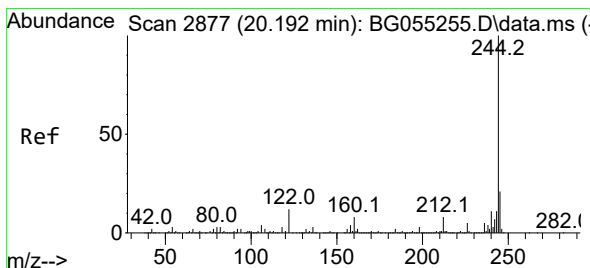
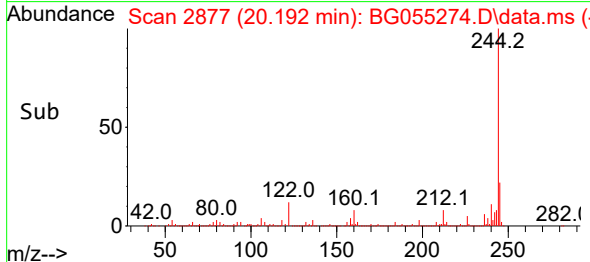
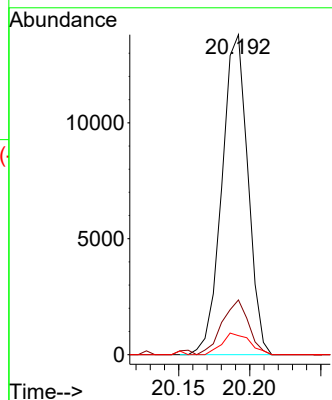
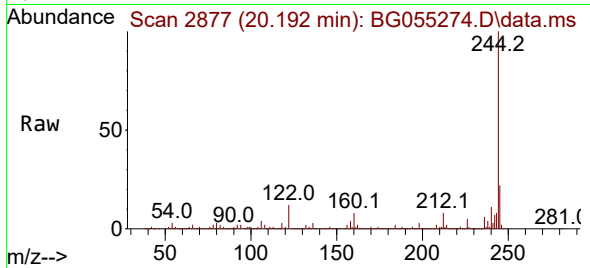




#77
Benzidine
Concen: 2.889 ng
RT: 20.192 min Scan# 2814
Delta R.T. 0.370 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

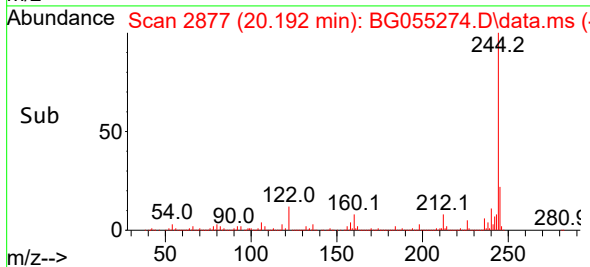
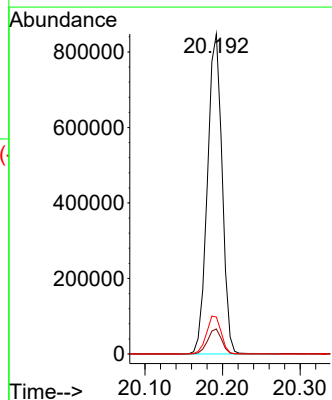
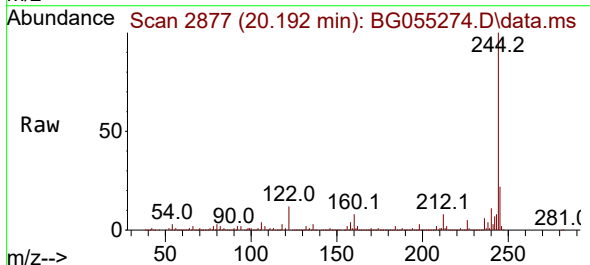
Instrument :
BNA_G
ClientSampleId :

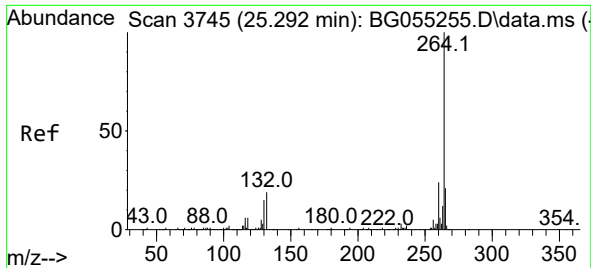
Tgt Ion:184 Resp: 17521
Ion Ratio Lower Upper
184 100
185 17.1 11.0 16.6#
183 6.0 10.0 15.0#



#79
Terphenyl-d14
Concen: 92.204 ng
RT: 20.192 min Scan# 2877
Delta R.T. 0.000 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

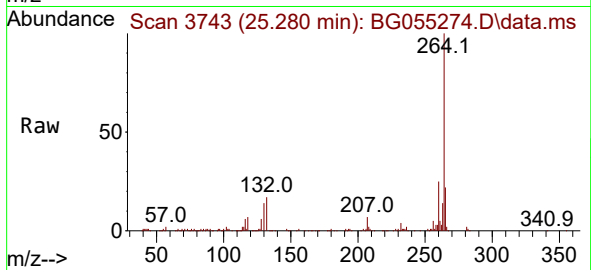
Tgt Ion:244 Resp: 1111562
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 11.5 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.280 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:264 Resp: 261601

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.7	17.4	26.2

