

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111722\
 Data File : BG055674.D
 Acq On : 17 Nov 2022 20:41
 Operator : CG/JU
 Sample : N5504-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SV34211L

Quant Time: Nov 18 03:17:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

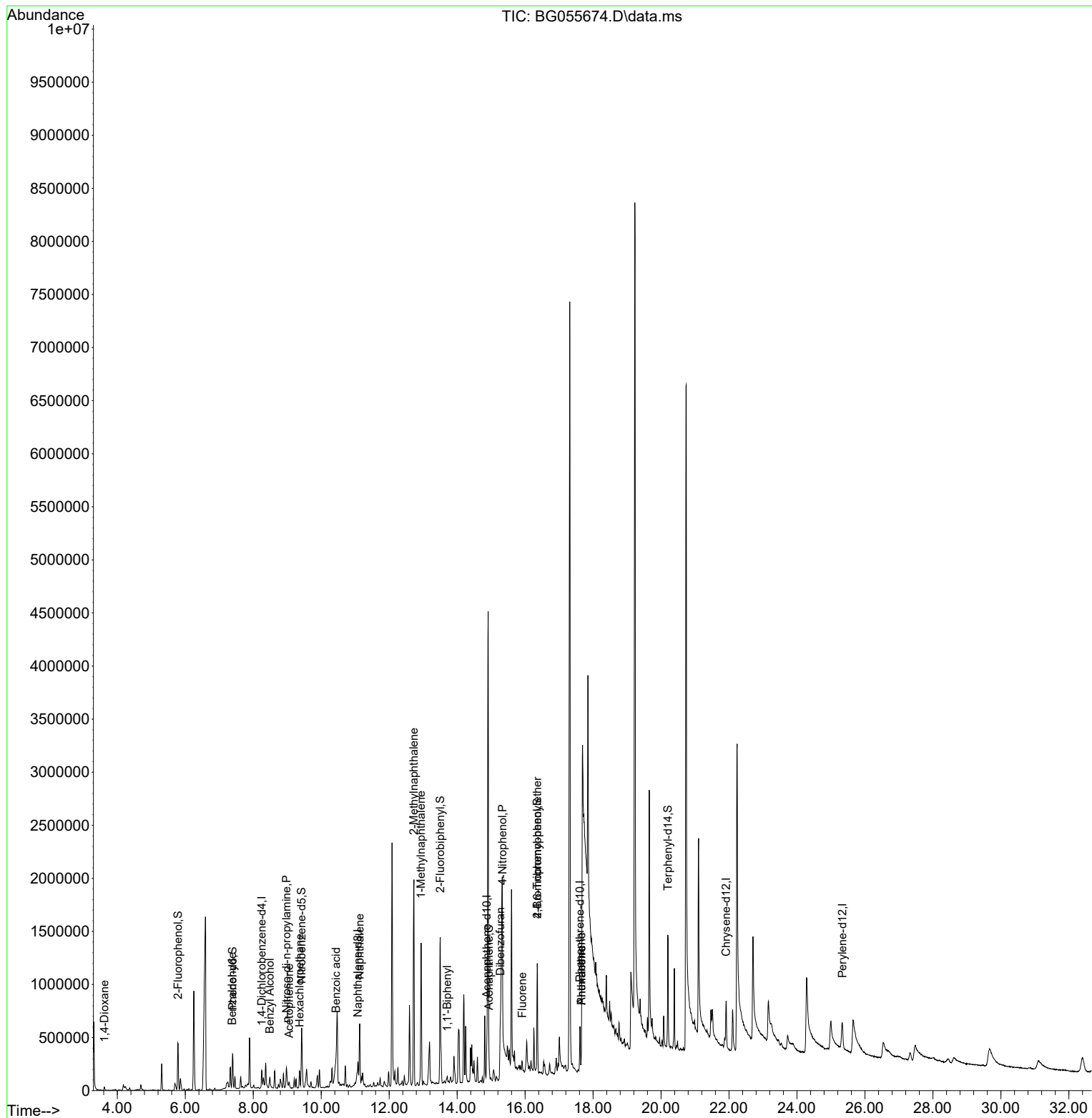
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.249	152	48037	20.000	ng	0.00
21) Naphthalene-d8	11.081	136	196549	20.000	ng	0.00
39) Acenaphthene-d10	14.871	164	129807	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	272955	20.000	ng	0.00
76) Chrysene-d12	21.916	240	274702	20.000	ng	0.00
86) Perylene-d12	25.335	264	282147	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.788	112	201985	76.002	ng	0.00
7) Phenol-d6	7.398	99	152379	43.073	ng	0.00
23) Nitrobenzene-d5	9.425	82	320775	86.261	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	215049	117.651	ng	0.00
45) 2-Fluorobiphenyl	13.502	172	716202	82.658	ng	0.00
79) Terphenyl-d14	20.200	244	506683	36.892	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.620	88	15918	14.015	ng	94
9) Benzaldehyde	7.380	77	8925	3.715	ng	# 1
15) Benzyl Alcohol	8.490	79	41311	14.368	ng	96
18) Hexachloroethane	9.366	117	26157	21.055	ng	# 1
19) n-Nitroso-di-n-propyla...	8.978	70	32323	11.891	ng	# 43
22) Acetophenone	9.060	105	34024	6.662	ng	# 57
31) Naphthalene	11.134	128	452305	42.569	ng	99
32) Benzoic acid	10.435	122	75747	33.737	ng	94
37) 2-Methylnaphthalene	12.727	142	995718	125.161	ng	98
38) 1-Methylnaphthalene	12.938	142	637605	82.558	ng	100
46) 1,1'-Biphenyl	13.708	154	32619	3.448	ng	94
52) Acenaphthene	14.936	154	29504	3.729	ng	96
55) Dibenzofuran	15.271	168	26830	2.198	ng	# 62
56) 4-Nitrophenol	15.335	139	5713	3.134	ng	86
58) Fluorene	15.917	166	41309	4.237	ng	98
67) 4-Bromophenyl-phenylether	16.358	248	14099	4.533	ng	# 1
71) Phenanthrene	17.656	178	94200	6.395	ng	97
72) Anthracene	17.656	178	94200	6.582	ng	96

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

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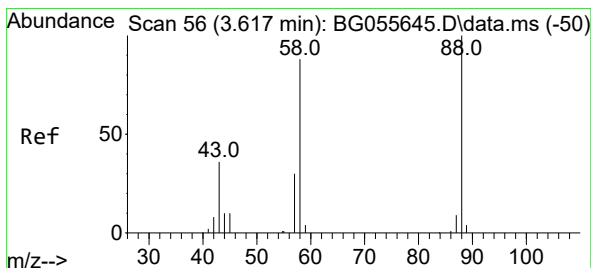
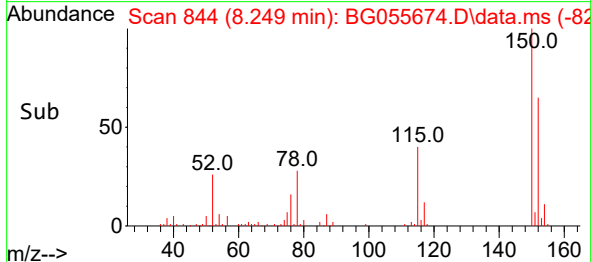
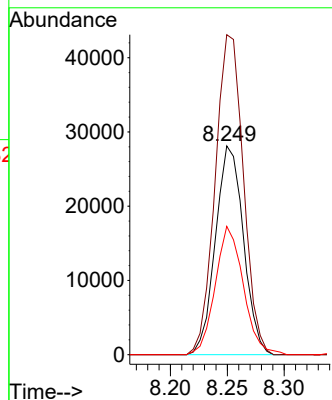
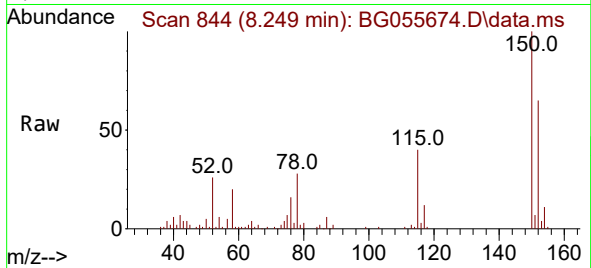




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.249 min Scan# 84
 Delta R.T. -0.004 min
 Lab File: BG055674.D
 Acq: 17 Nov 2022 20:41

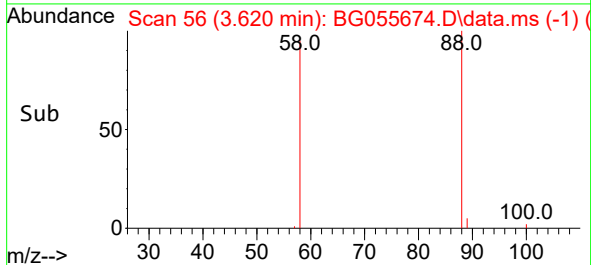
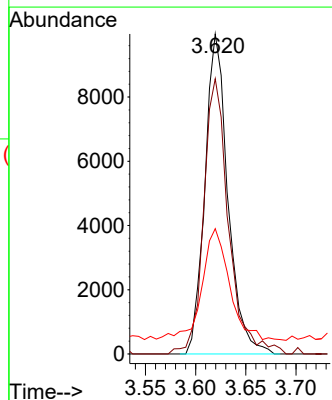
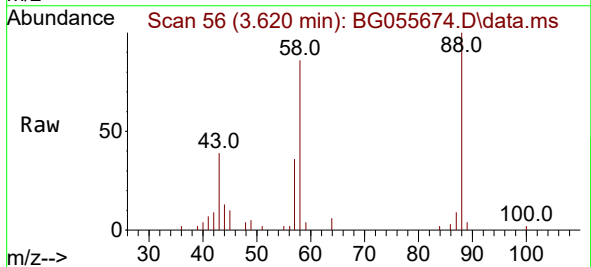
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 SV34211L

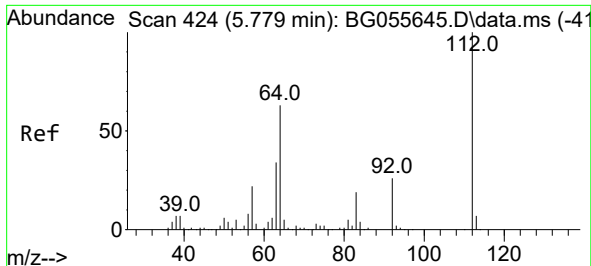
Tgt Ion:152 Resp: 48037
 Ion Ratio Lower Upper
 152 100
 150 153.2 123.0 184.6
 115 61.4 47.0 70.4



#2
 1,4-Dioxane
 Concen: 14.015 ng
 RT: 3.620 min Scan# 56
 Delta R.T. 0.003 min
 Lab File: BG055674.D
 Acq: 17 Nov 2022 20:41

Tgt Ion: 88 Resp: 15918
 Ion Ratio Lower Upper
 88 100
 58 93.1 71.3 106.9
 43 42.0 28.6 43.0

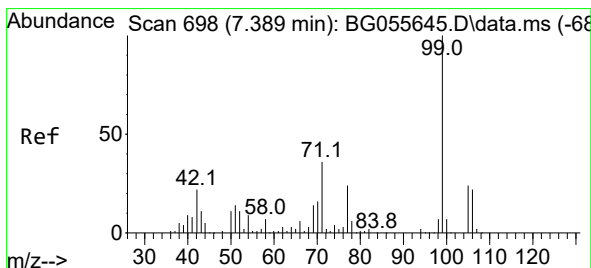
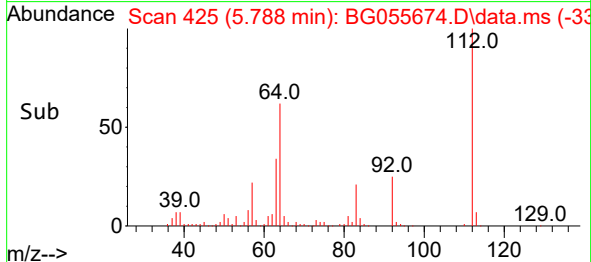
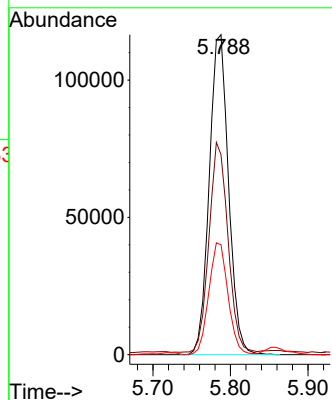
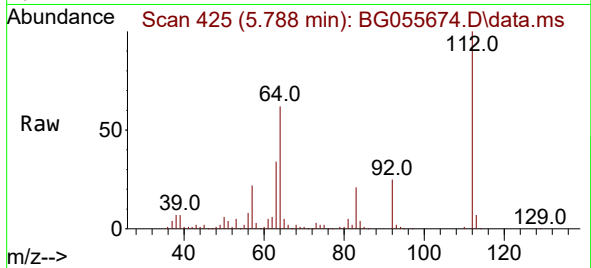




#5
2-Fluorophenol
Concen: 76.002 ng
RT: 5.788 min Scan# 41
Delta R.T. 0.008 min
Lab File: BG055674.D
Acq: 17 Nov 2022 20:41

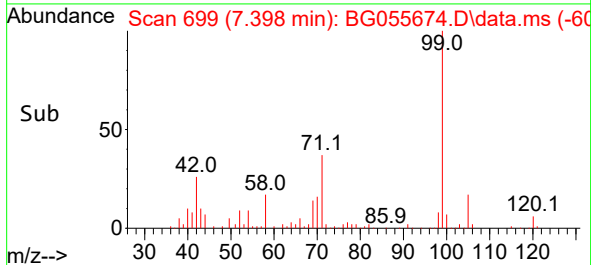
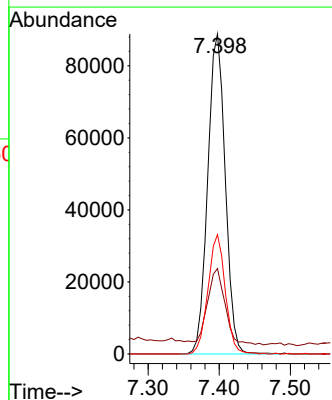
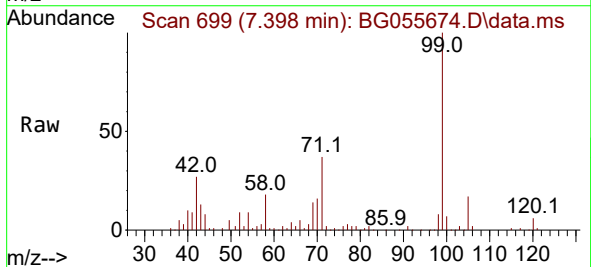
Instrument :
BNA_G
ClientSampleId :
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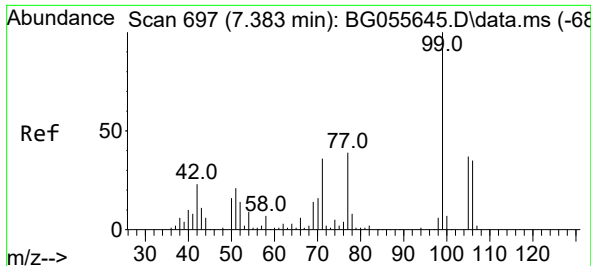
Tgt Ion:112 Resp: 201985
Ion Ratio Lower Upper
112 100
64 62.5 50.6 76.0
63 34.3 27.5 41.3



#7
Phenol-d6
Concen: 43.073 ng
RT: 7.398 min Scan# 699
Delta R.T. 0.008 min
Lab File: BG055674.D
Acq: 17 Nov 2022 20:41

Tgt Ion: 99 Resp: 152379
Ion Ratio Lower Upper
99 100
42 26.7 18.0 27.0
71 37.3 29.0 43.6

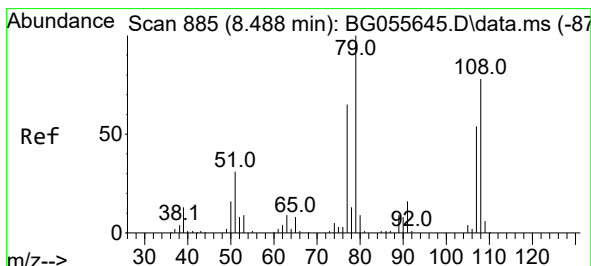
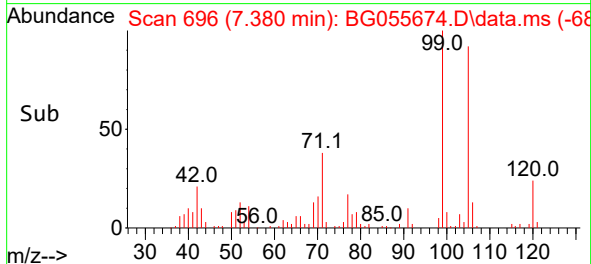
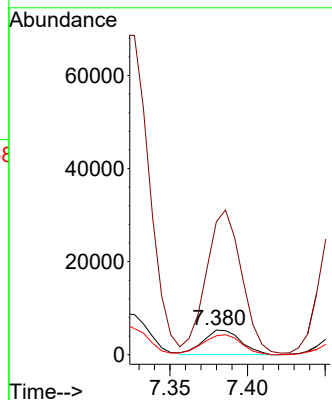
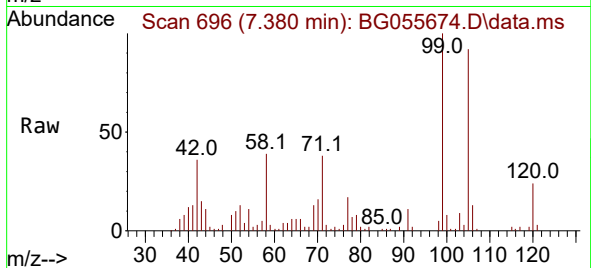




#9
Benzaldehyde
Concen: 3.715 ng
RT: 7.380 min Scan# 697
Delta R.T. -0.003 min
Lab File: BG055674.D
Acq: 17 Nov 2022 20:41

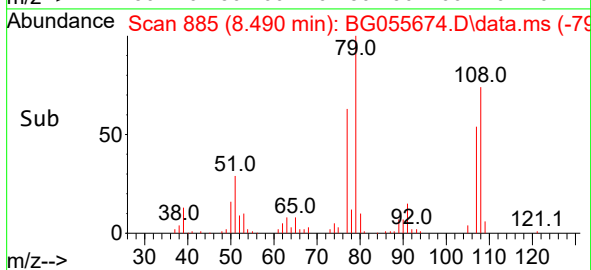
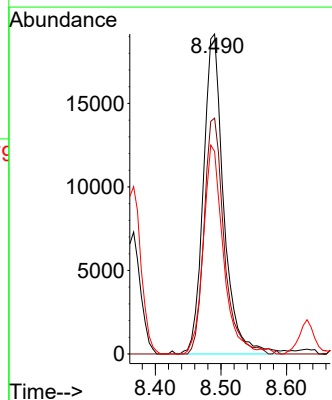
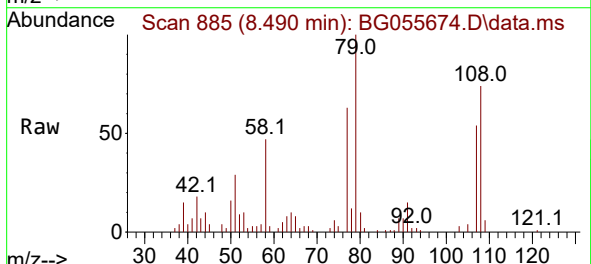
Instrument :
BNA_G
ClientSampleId :
SV34211L

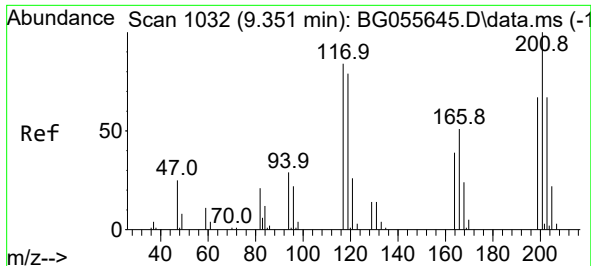
Tgt Ion: 77 Resp: 8925
Ion Ratio Lower Upper
77 100
105 539.7 76.3 116.3#
106 76.4 69.8 109.8



#15
Benzyl Alcohol
Concen: 14.368 ng
RT: 8.490 min Scan# 885
Delta R.T. 0.003 min
Lab File: BG055674.D
Acq: 17 Nov 2022 20:41

Tgt Ion: 79 Resp: 41311
Ion Ratio Lower Upper
79 100
108 73.7 62.6 93.8
77 63.3 52.4 78.6

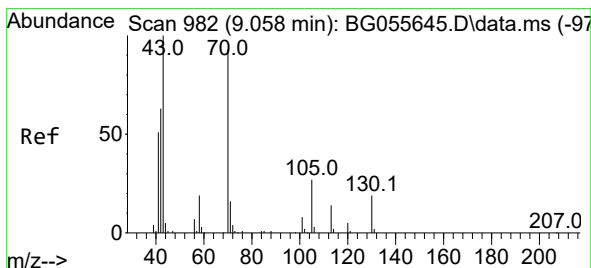
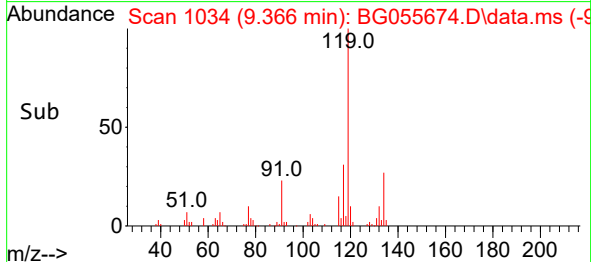
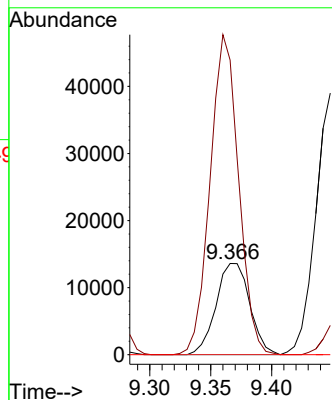
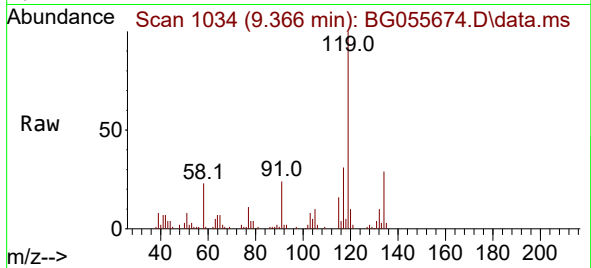




#18
Hexachloroethane
Concen: 21.055 ng
RT: 9.366 min Scan# 117
Delta R.T. 0.014 min
Lab File: BG055674.D
Acq: 17 Nov 2022 20:41

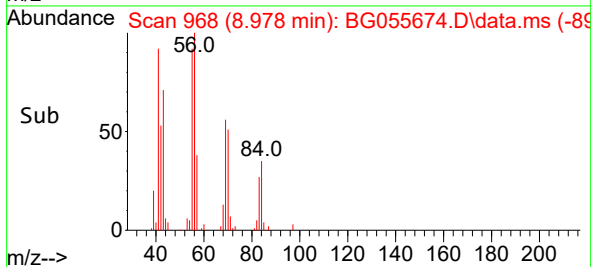
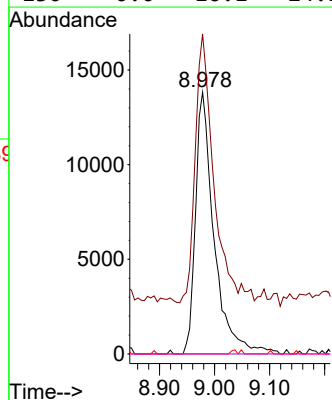
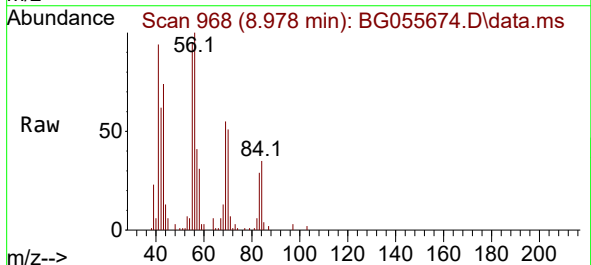
Instrument :
BNA_G
ClientSampleId :
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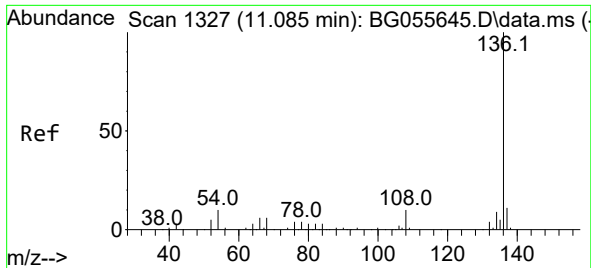
Tgt Ion:117 Resp: 26157
Ion Ratio Lower Upper
117 100
119 322.8 76.0 114.0#
201 0.0 98.6 148.0#



#19
n-Nitroso-di-n-propylamine
Concen: 11.891 ng
RT: 8.978 min Scan# 968
Delta R.T. -0.080 min
Lab File: BG055674.D
Acq: 17 Nov 2022 20:41

Tgt Ion: 70 Resp: 32323
Ion Ratio Lower Upper
70 100
42 122.3 55.2 82.8#
101 0.0 7.1 10.7#
130 0.0 16.1 24.1#

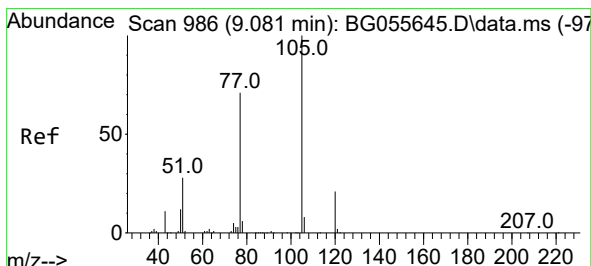
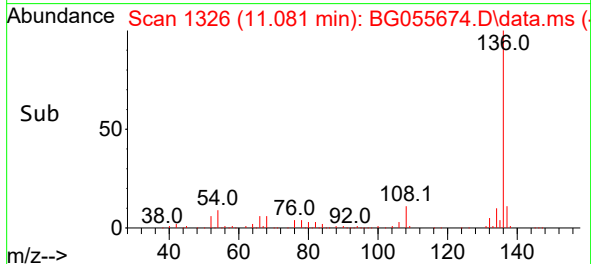
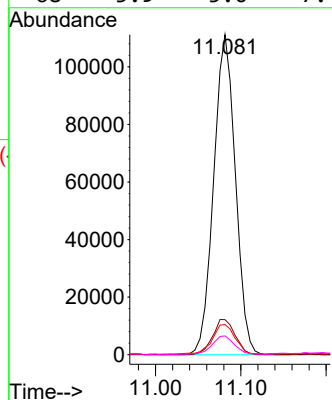
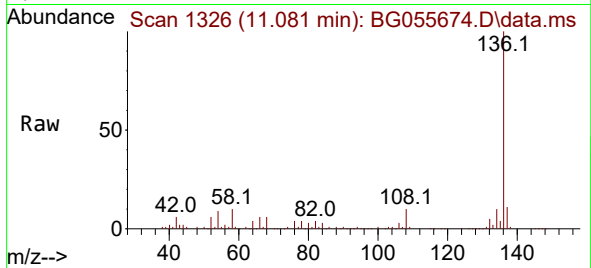




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.081 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055674.D
Acq: 17 Nov 2022 20:41

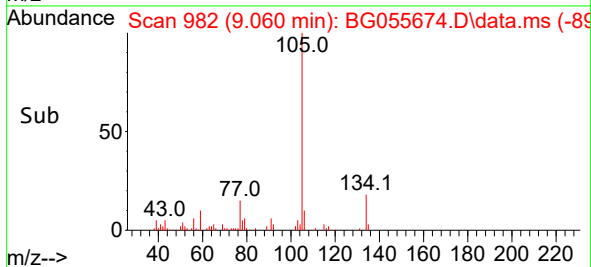
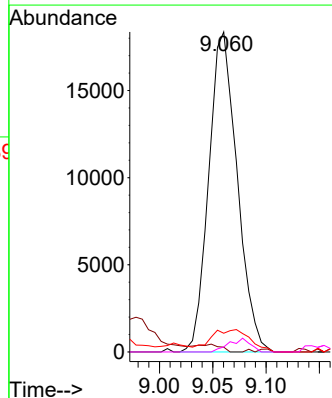
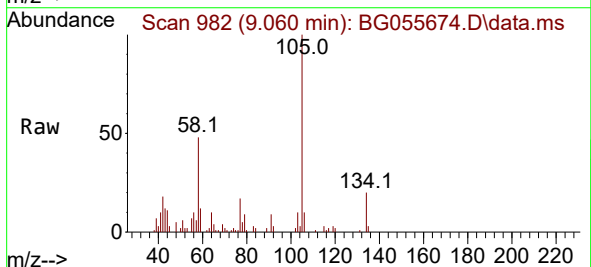
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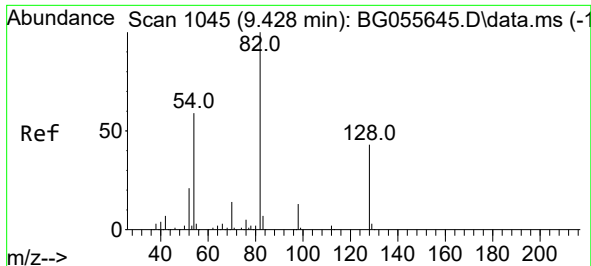
Tgt Ion:136 Resp: 196549
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 9.4 7.8 11.6
68 5.9 5.0 7.4



#22
Acetophenone
Concen: 6.662 ng
RT: 9.060 min Scan# 982
Delta R.T. -0.021 min
Lab File: BG055674.D
Acq: 17 Nov 2022 20:41

Tgt Ion:105 Resp: 34024
Ion Ratio Lower Upper
105 100
71 1.5 0.6 1.0#
51 5.8 24.5 36.7#
120 1.6 16.6 25.0#

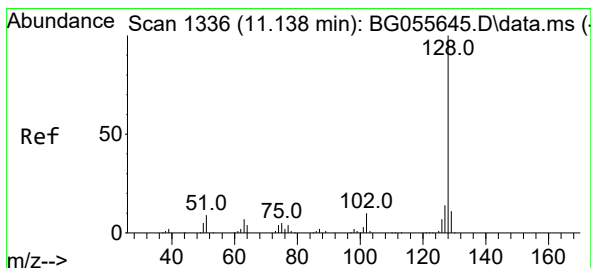
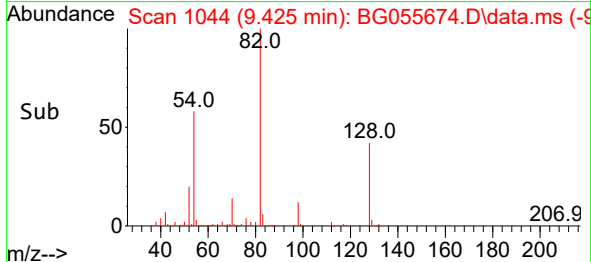
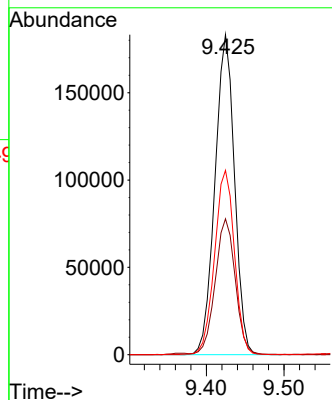
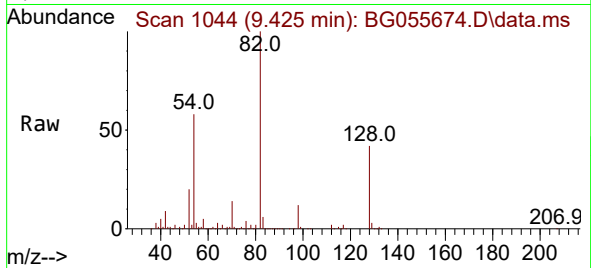




#23
Nitrobenzene-d5
Concen: 86.261 ng
RT: 9.425 min Scan# 1045
Delta R.T. -0.003 min
Lab File: BG055674.D
Acq: 17 Nov 2022 20:41

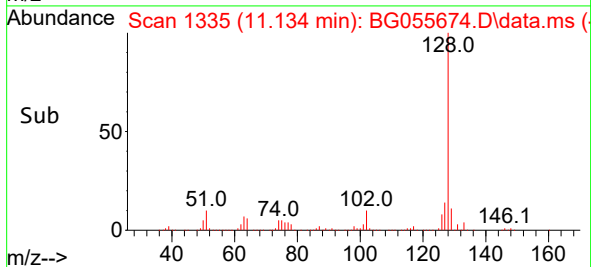
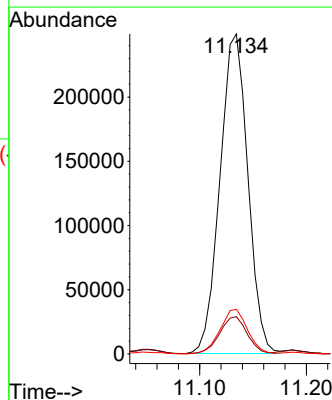
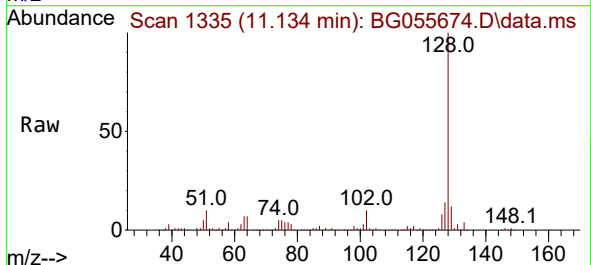
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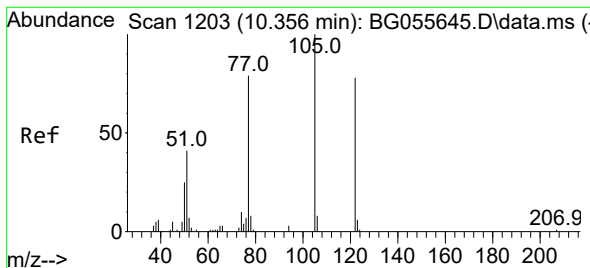
Tgt Ion: 82 Resp: 320775
Ion Ratio Lower Upper
82 100
128 42.4 34.1 51.1
54 57.6 47.3 70.9



#31
Naphthalene
Concen: 42.569 ng
RT: 11.134 min Scan# 1335
Delta R.T. -0.003 min
Lab File: BG055674.D
Acq: 17 Nov 2022 20:41

Tgt Ion:128 Resp: 452305
Ion Ratio Lower Upper
128 100
129 11.7 8.7 13.1
127 13.9 10.9 16.3





#32

Benzoic acid

Concen: 33.737 ng

RT: 10.435 min Scan# 1

Delta R.T. 0.079 min

Lab File: BG055674.D

Acq: 17 Nov 2022 20:41

Instrument :

BNA_G

ClientSampleId :

SV34211L

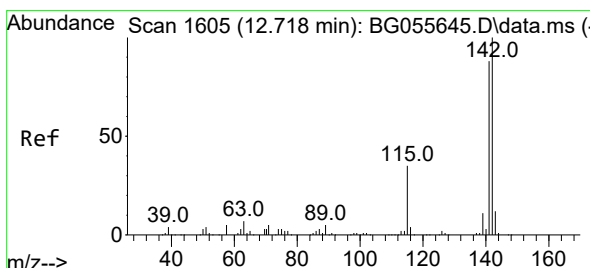
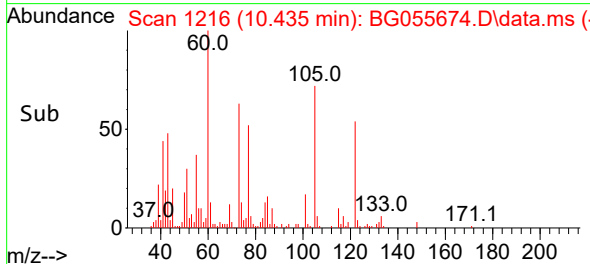
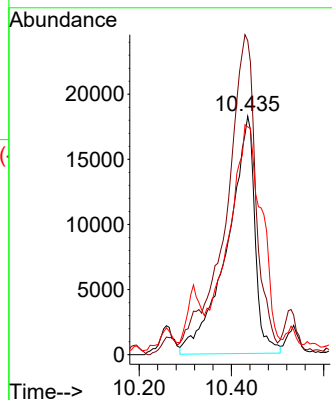
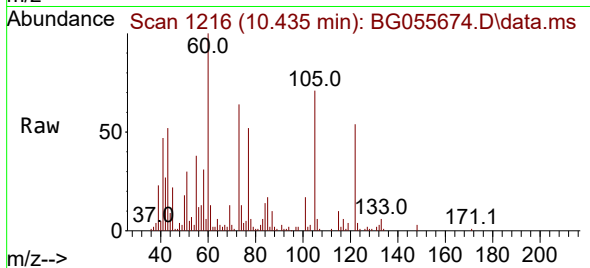
Tgt Ion:122 Resp: 75747

Ion Ratio Lower Upper

122 100

105 131.8 104.3 144.3

77 95.6 79.9 119.9



#37

2-Methylnaphthalene

Concen: 125.161 ng

RT: 12.727 min Scan# 1606

Delta R.T. 0.008 min

Lab File: BG055674.D

Acq: 17 Nov 2022 20:41

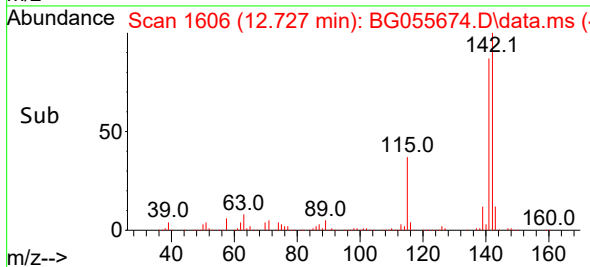
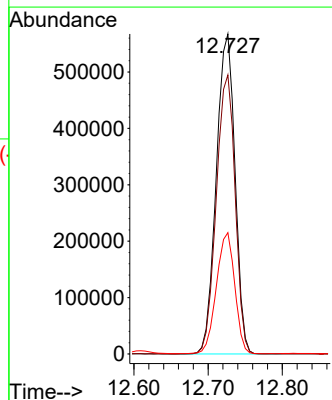
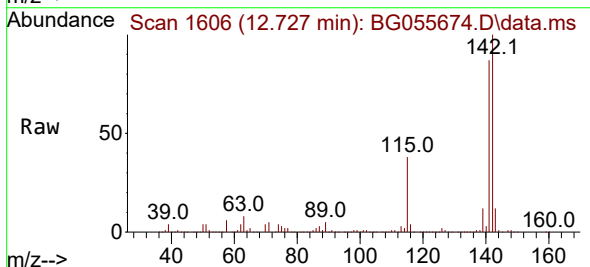
Tgt Ion:142 Resp: 995718

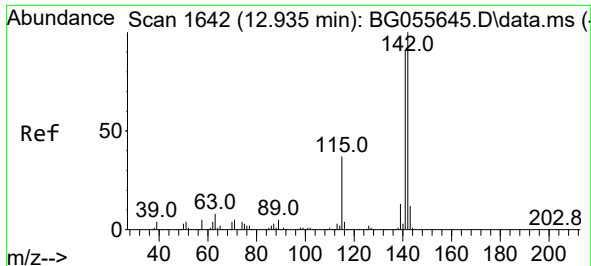
Ion Ratio Lower Upper

142 100

141 87.2 70.3 105.5

115 37.9 27.9 41.9

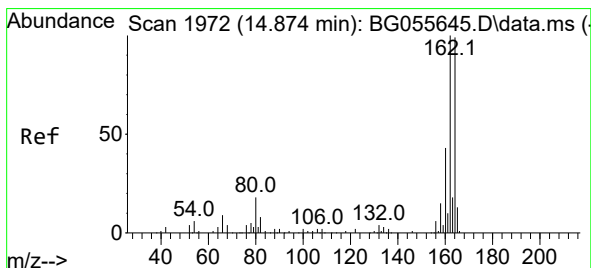
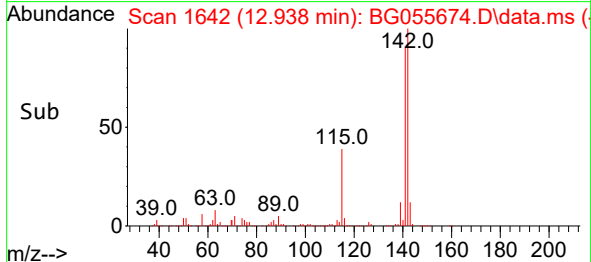
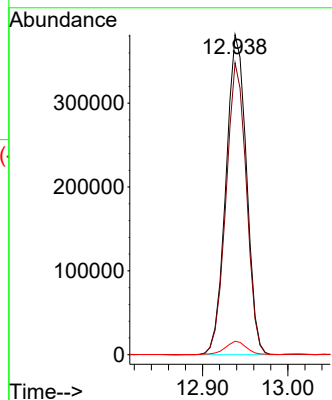
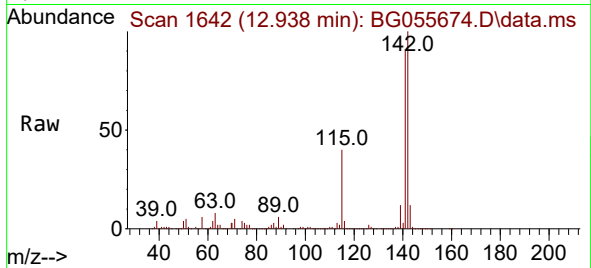




#38
1-Methylnaphthalene
Concen: 82.558 ng
RT: 12.938 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG055674.D
Acq: 17 Nov 2022 20:41

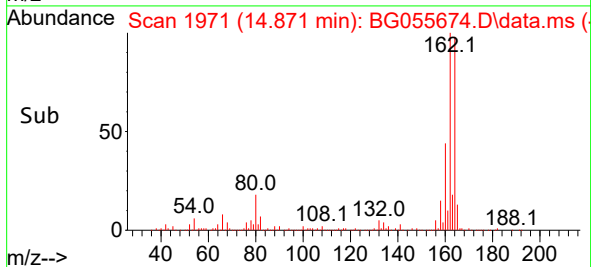
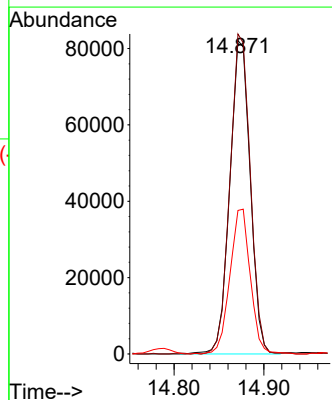
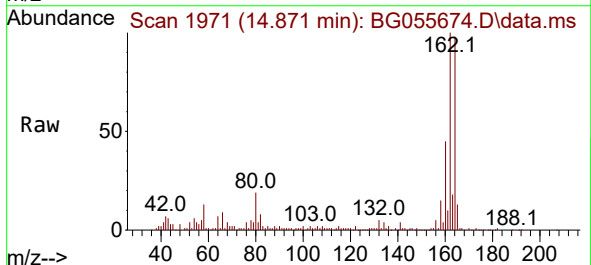
Instrument :
BNA_G
ClientSampleId :
SV34211L

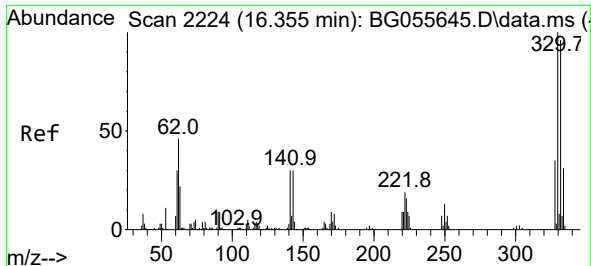
Tgt Ion:142 Resp: 637605
Ion Ratio Lower Upper
142 100
141 91.2 73.0 109.4
116 4.2 3.1 4.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.871 min Scan# 1971
Delta R.T. -0.003 min
Lab File: BG055674.D
Acq: 17 Nov 2022 20:41

Tgt Ion:164 Resp: 129807
Ion Ratio Lower Upper
164 100
162 102.1 81.1 121.7
160 45.8 34.8 52.2

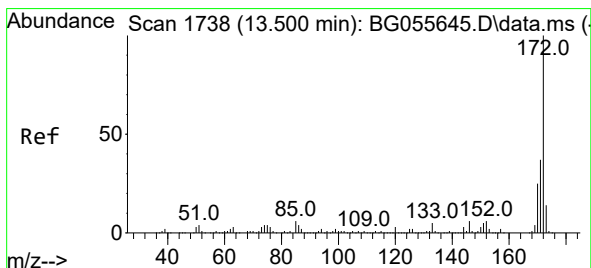
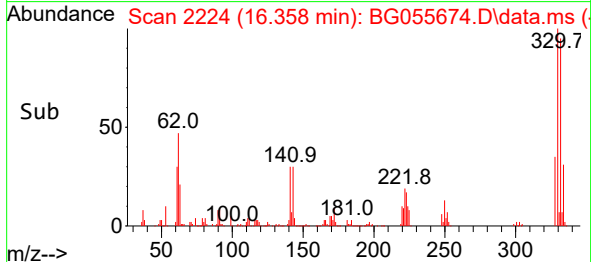
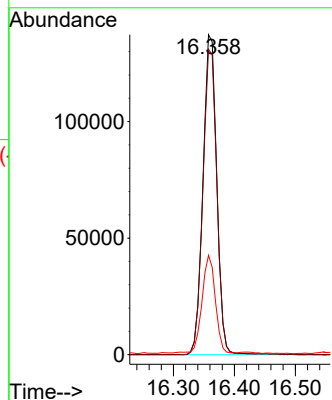
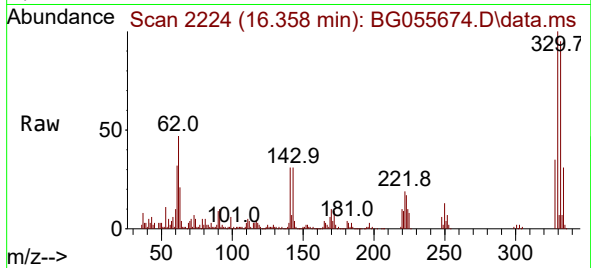




#42
2,4,6-Tribromophenol
Concen: 117.651 ng
RT: 16.358 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG055674.D
Acq: 17 Nov 2022 20:41

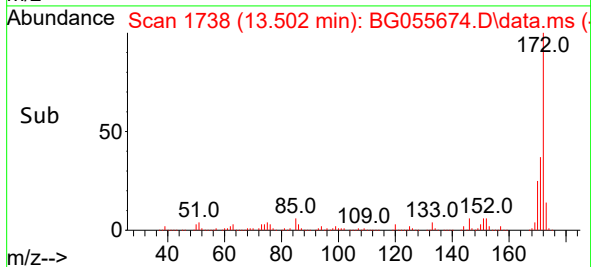
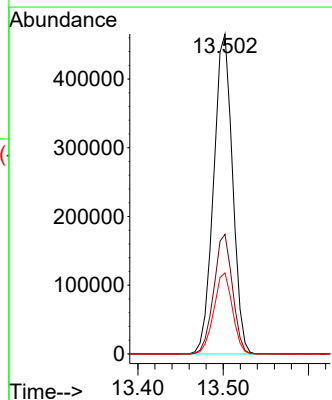
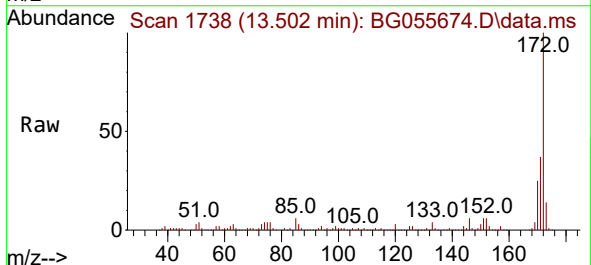
Instrument :
BNA_G
ClientSampleId :
SV34211L

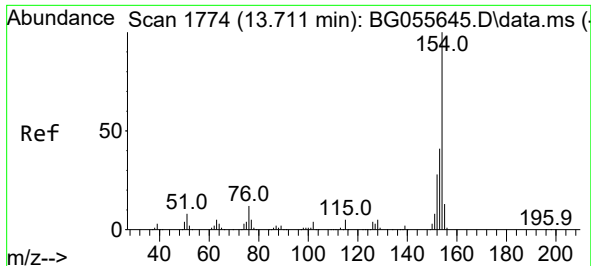
Tgt Ion:330 Resp: 215049
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 29.2 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 82.658 ng
RT: 13.502 min Scan# 1738
Delta R.T. 0.003 min
Lab File: BG055674.D
Acq: 17 Nov 2022 20:41

Tgt Ion:172 Resp: 716202
Ion Ratio Lower Upper
172 100
171 37.4 29.8 44.6
170 25.4 20.2 30.4

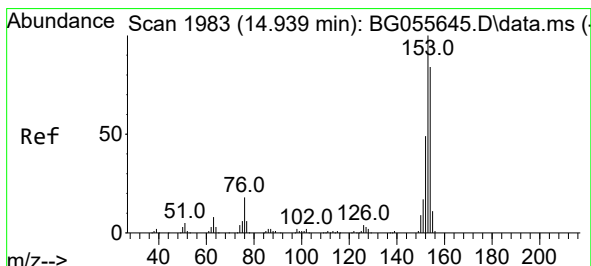
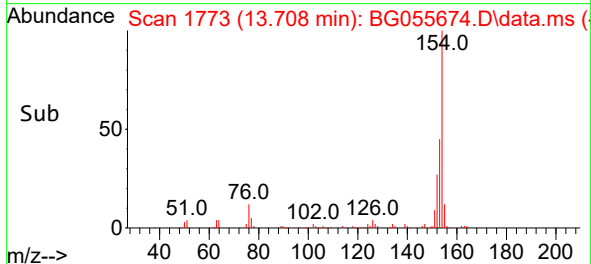
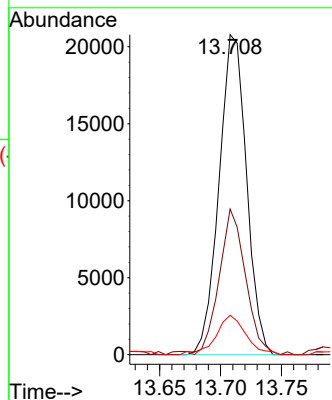
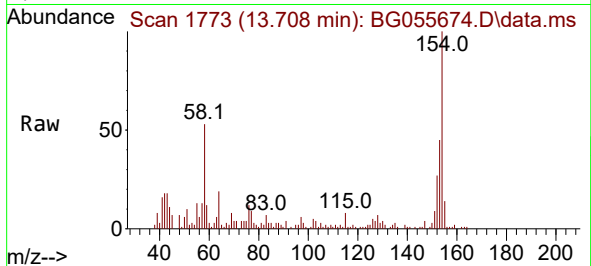




#46
1,1'-Biphenyl
Concen: 3.448 ng
RT: 13.708 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055674.D
Acq: 17 Nov 2022 20:41

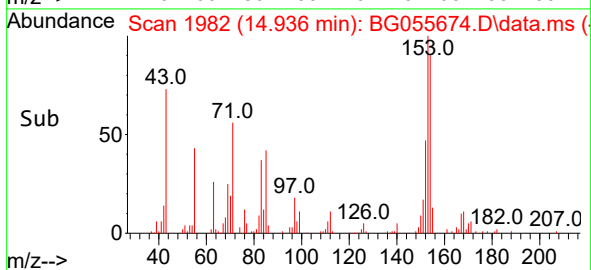
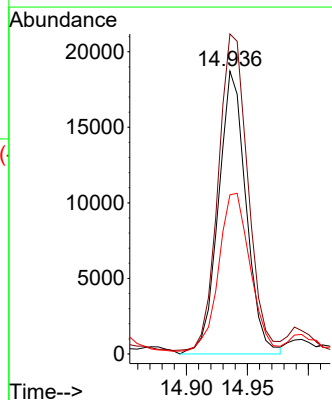
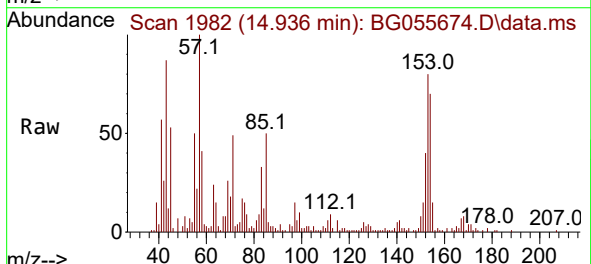
Instrument :
BNA_G
ClientSampleId :
SV34211L

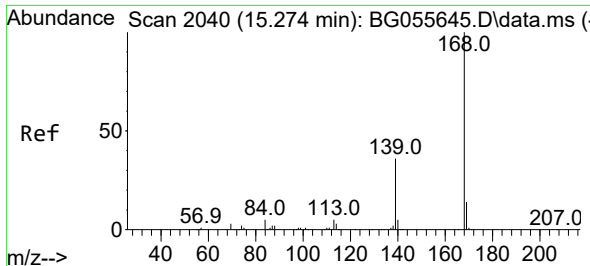
Tgt Ion:154 Resp: 32619
Ion Ratio Lower Upper
154 100
153 45.5 20.6 60.6
76 12.3 0.0 32.4



#52
Acenaphthene
Concen: 3.729 ng
RT: 14.936 min Scan# 1982
Delta R.T. -0.003 min
Lab File: BG055674.D
Acq: 17 Nov 2022 20:41

Tgt Ion:154 Resp: 29504
Ion Ratio Lower Upper
154 100
153 113.2 95.0 142.4
152 56.3 46.1 69.1

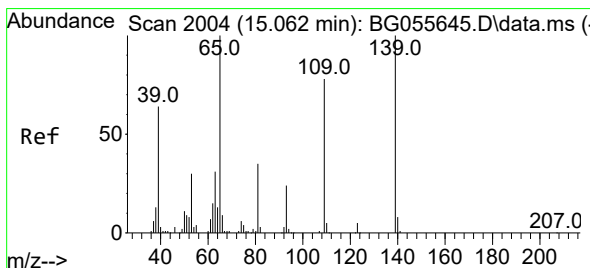
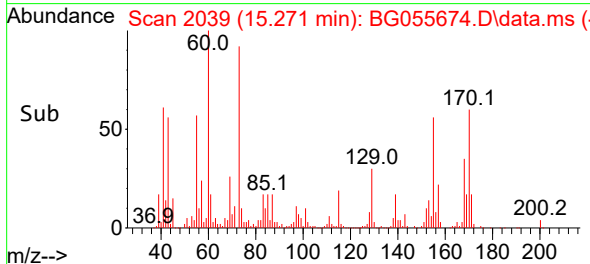
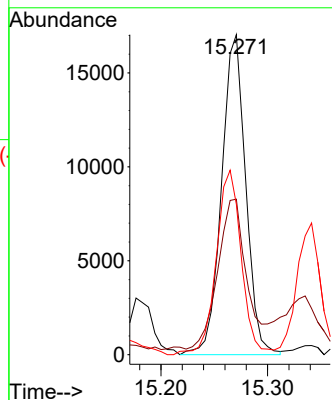
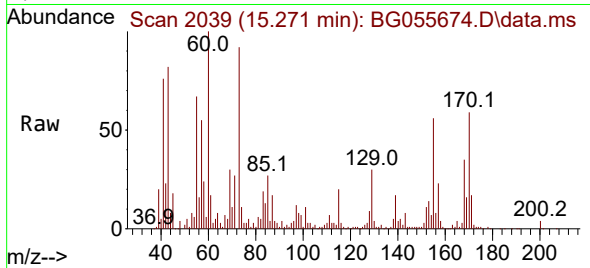




#55
Dibenzofuran
Concen: 2.198 ng
RT: 15.271 min Scan# 2040
Delta R.T. -0.003 min
Lab File: BG055674.D
Acq: 17 Nov 2022 20:41

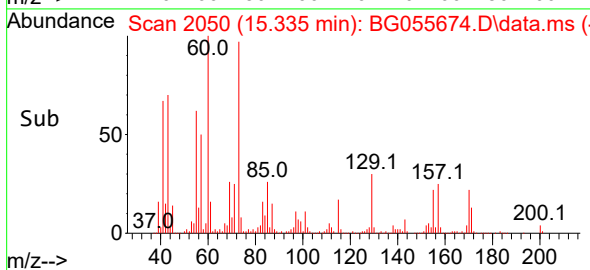
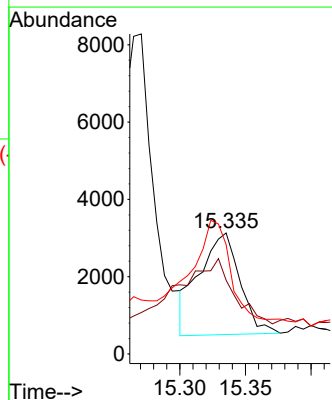
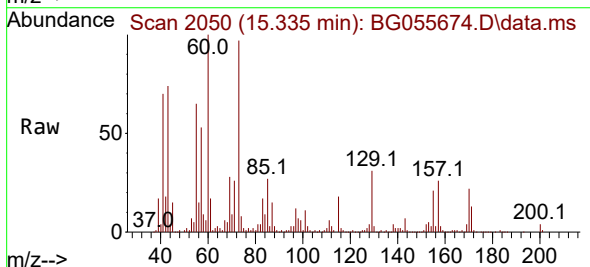
Instrument :
BNA_G
ClientSampleId :
SV34211L

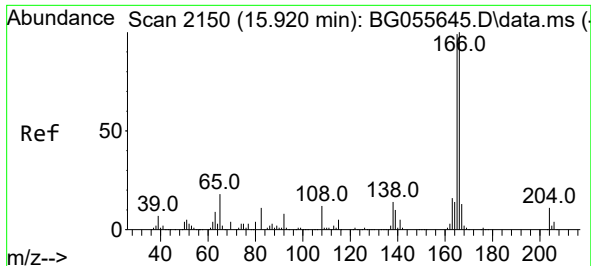
Tgt Ion:168 Resp: 26830
Ion Ratio Lower Upper
168 100
139 48.6 28.8 43.2#
169 47.0 11.0 16.4#



#56
4-Nitrophenol
Concen: 3.134 ng
RT: 15.335 min Scan# 2050
Delta R.T. 0.273 min
Lab File: BG055674.D
Acq: 17 Nov 2022 20:41

Tgt Ion:139 Resp: 5713
Ion Ratio Lower Upper
139 100
109 61.0 58.6 98.6
65 90.5 80.5 120.5

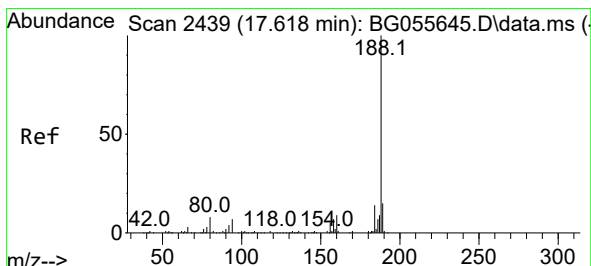
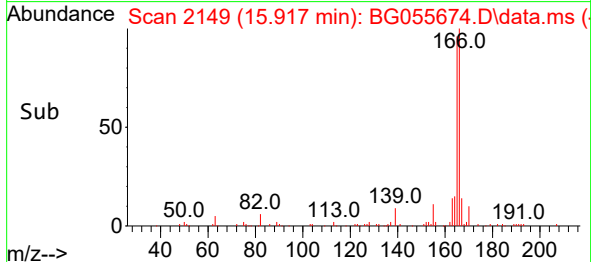
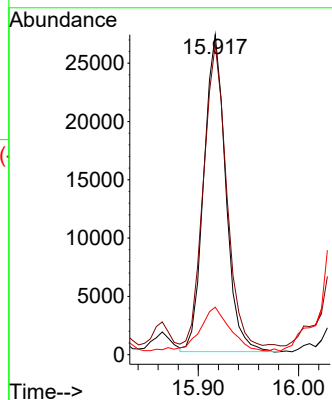
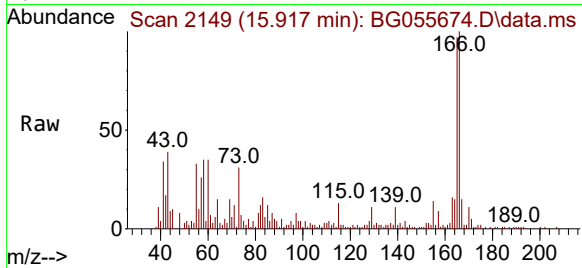




#58
 Fluorene
 Concen: 4.237 ng
 RT: 15.917 min Scan# 2150
 Delta R.T. -0.003 min
 Lab File: BG055674.D
 Acq: 17 Nov 2022 20:41

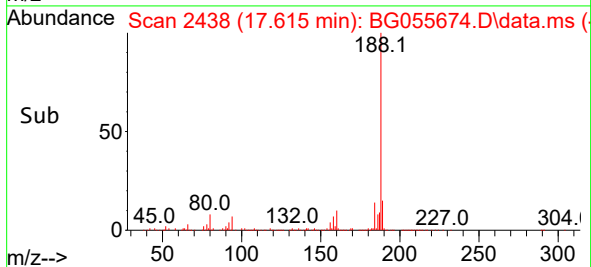
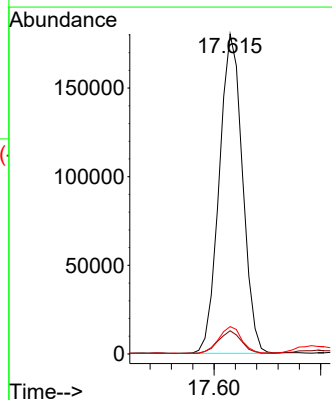
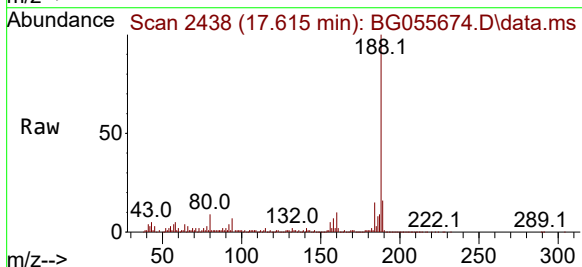
Instrument :
 BNA_G
 ClientSampleId :
 SV34211L

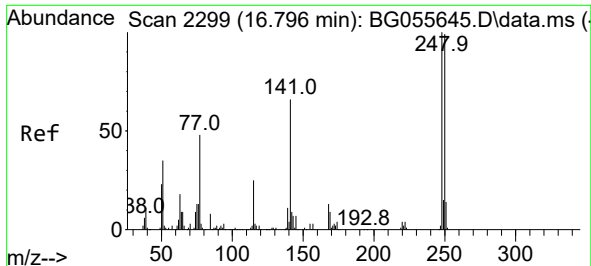
Tgt Ion:166 Resp: 41309
 Ion Ratio Lower Upper
 166 100
 165 97.1 79.3 118.9
 167 14.9 10.6 15.8



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.615 min Scan# 2438
 Delta R.T. -0.003 min
 Lab File: BG055674.D
 Acq: 17 Nov 2022 20:41

Tgt Ion:188 Resp: 272955
 Ion Ratio Lower Upper
 188 100
 94 7.2 5.4 8.2
 80 8.6 6.6 10.0

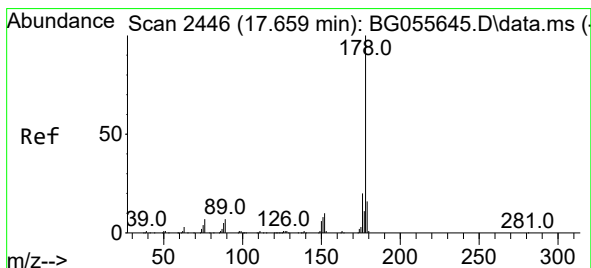
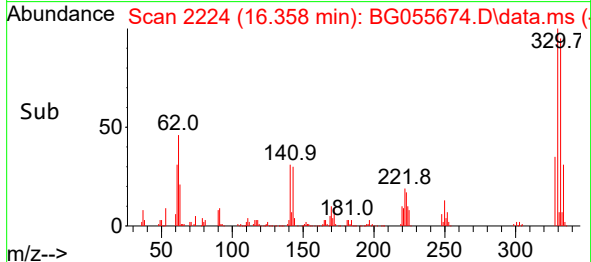
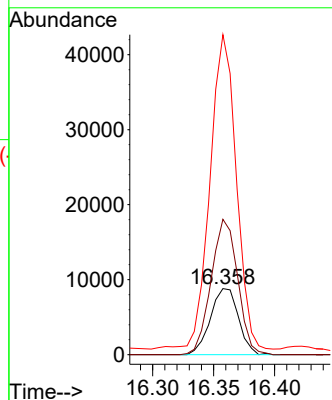
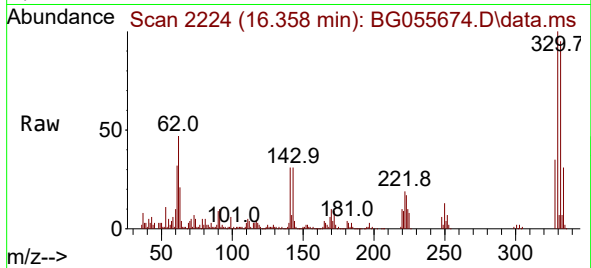




#67
4-Bromophenyl-phenylether
Concen: 4.533 ng
RT: 16.358 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG055674.D
Acq: 17 Nov 2022 20:41

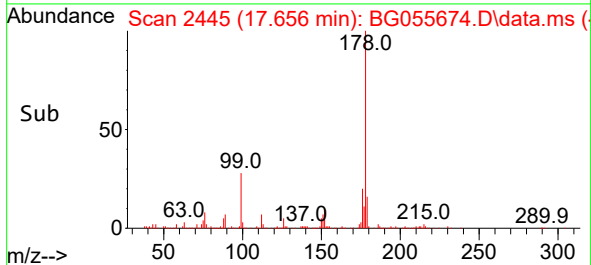
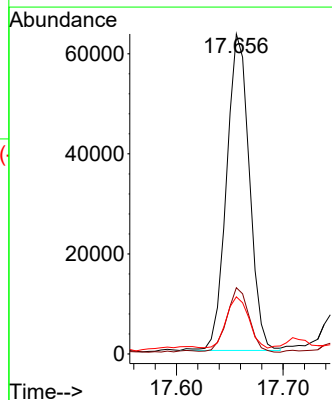
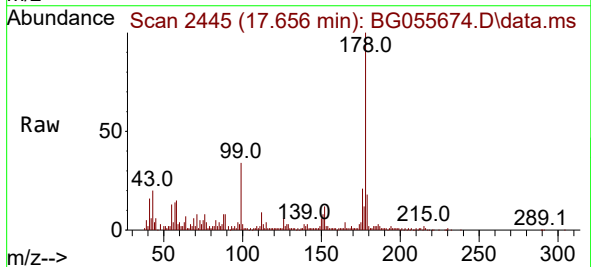
Instrument :
BNA_G
ClientSampleId :
SV34211L

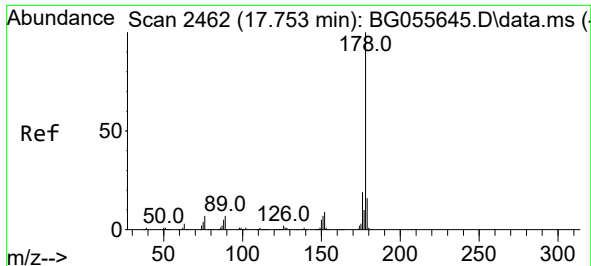
Tgt Ion:248 Resp: 14099
Ion Ratio Lower Upper
248 100
250 204.9 79.0 118.4#
141 484.1 52.9 79.3#



#71
Phenanthrene
Concen: 6.395 ng
RT: 17.656 min Scan# 2445
Delta R.T. -0.003 min
Lab File: BG055674.D
Acq: 17 Nov 2022 20:41

Tgt Ion:178 Resp: 94200
Ion Ratio Lower Upper
178 100
176 20.7 16.0 24.0
179 17.9 12.7 19.1

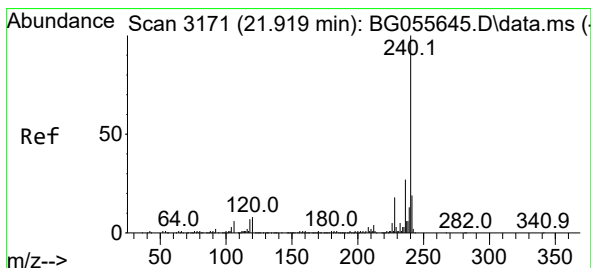
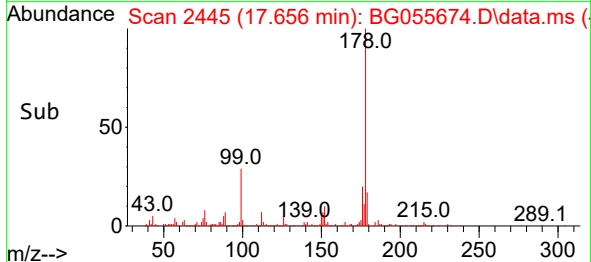
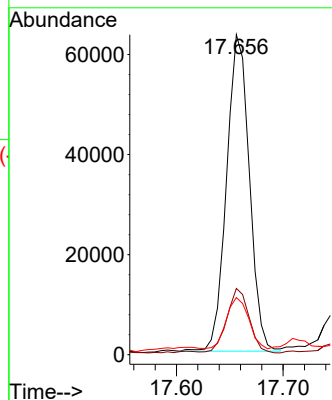
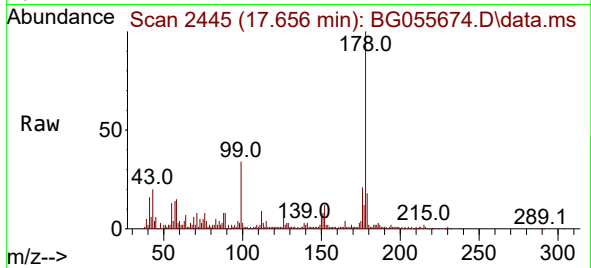




#72
 Anthracene
 Concen: 6.582 ng
 RT: 17.656 min Scan# 2462
 Delta R.T. -0.097 min
 Lab File: BG055674.D
 Acq: 17 Nov 2022 20:41

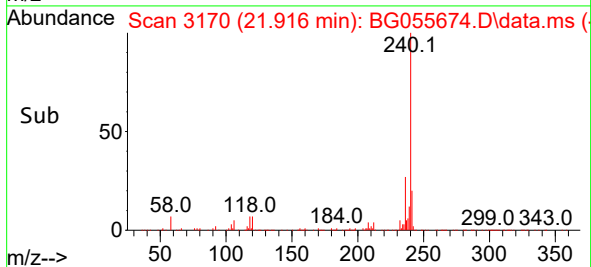
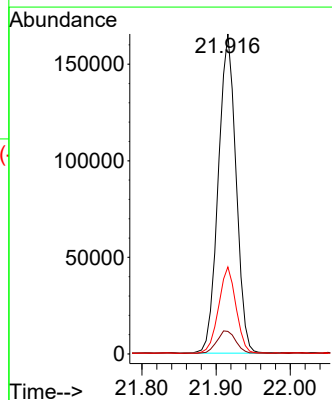
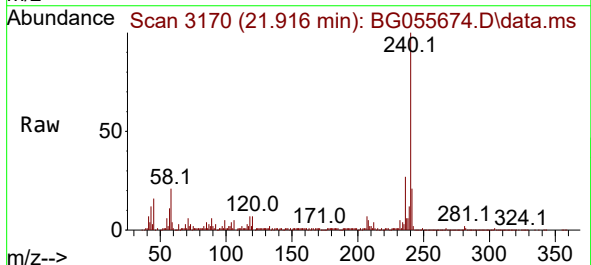
Instrument :
 BNA_G
 ClientSampleId :
 SV34211L

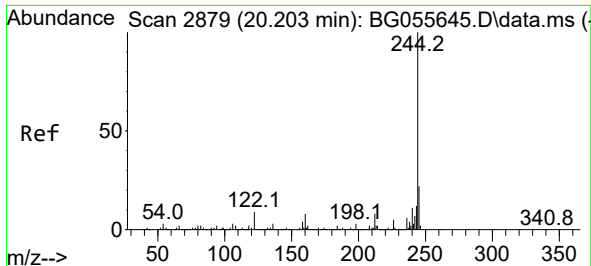
Tgt Ion:178 Resp: 94200
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.5 23.3
 179 17.9 12.5 18.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.916 min Scan# 3170
 Delta R.T. -0.003 min
 Lab File: BG055674.D
 Acq: 17 Nov 2022 20:41

Tgt Ion:240 Resp: 274702
 Ion Ratio Lower Upper
 240 100
 120 7.1 6.3 9.5
 236 27.2 21.9 32.9

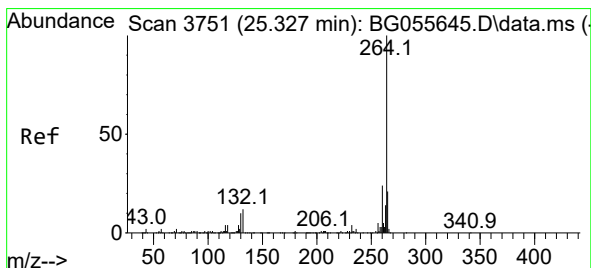
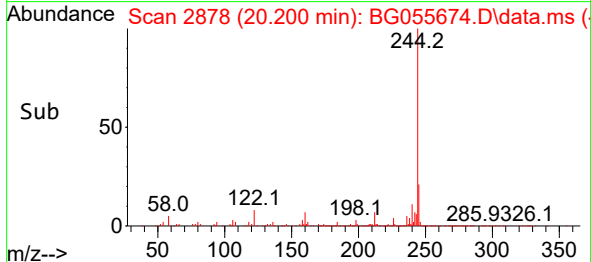
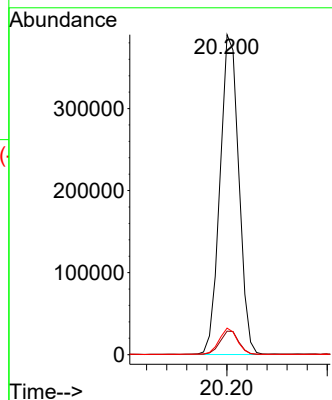
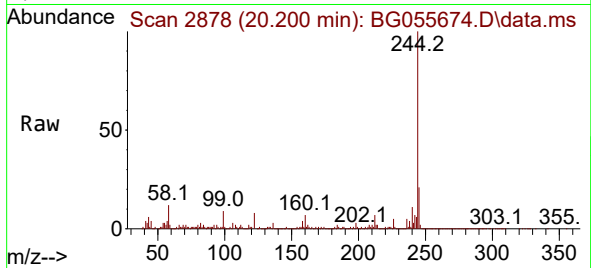




#79
 Terphenyl-d14
 Concen: 36.892 ng
 RT: 20.200 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG055674.D
 Acq: 17 Nov 2022 20:41

Instrument :
 BNA_G
 ClientSampleId :
 SV34211L

Tgt Ion:244 Resp: 506683
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 8.3 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.335 min Scan# 3752
 Delta R.T. 0.009 min
 Lab File: BG055674.D
 Acq: 17 Nov 2022 20:41

Tgt Ion:264 Resp: 282147
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 22.2 17.1 25.7

