

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)

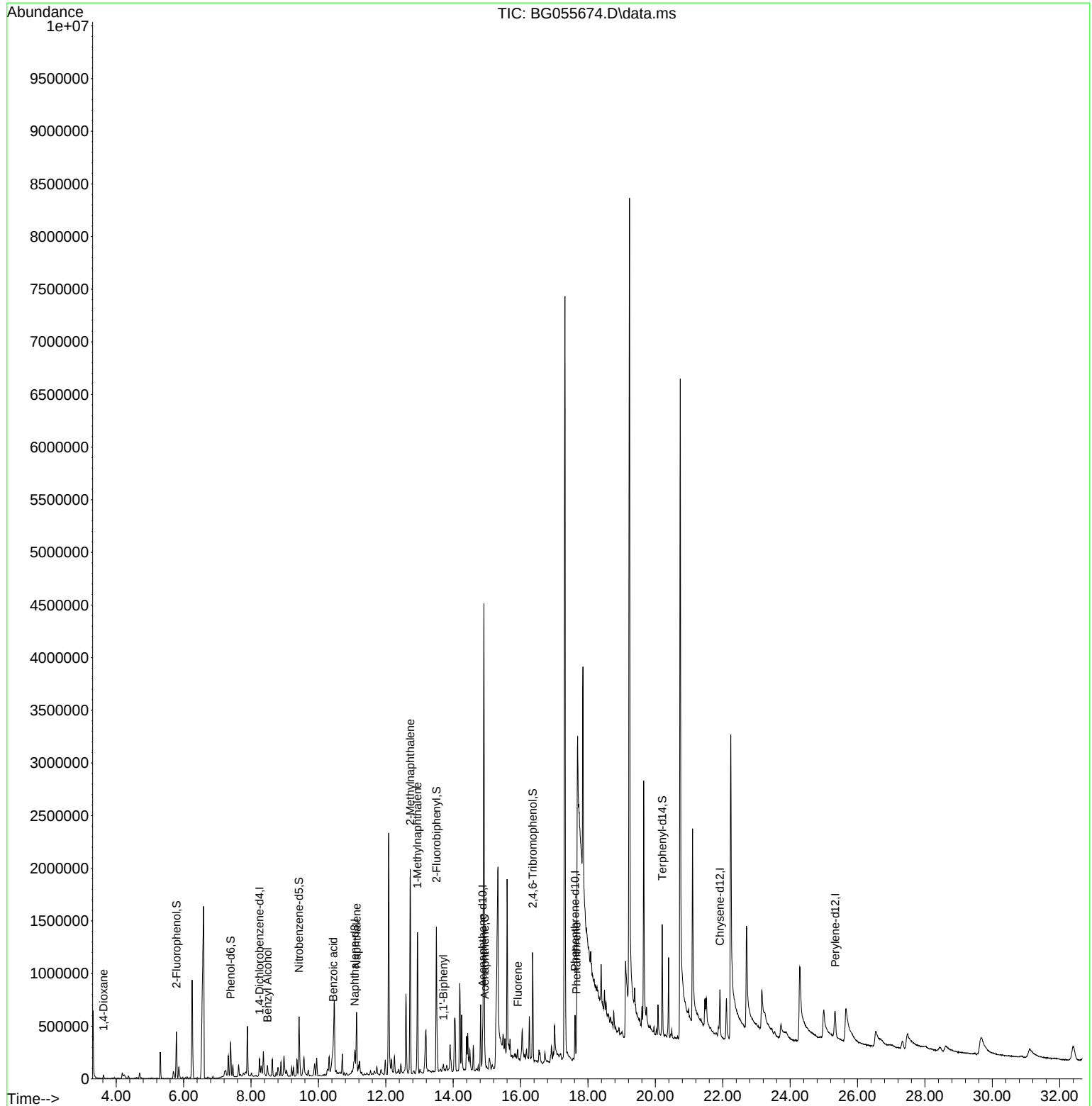
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.249	152	48037	20.000	ng	0.00
21) Naphthalene-d8	11.081	136	196549	20.000	ng	0.00
39) Acenaphthene-d10	14.871	164	129807	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	272955	20.000	ng	0.00
76) Chrysene-d12	21.916	240	274702	20.000	ng	0.00
86) Perylene-d12	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
15) Benzyl Alcohol	8.490	79	41311	14.368	ng	96
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
58) Fluorene	15.917	166	41309	4.237	ng	98
71) Phenanthrene	17.656	178	94200	6.395	ng	97

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

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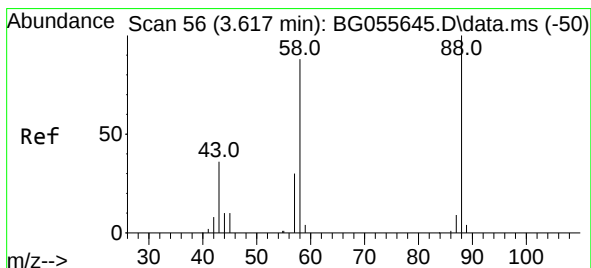
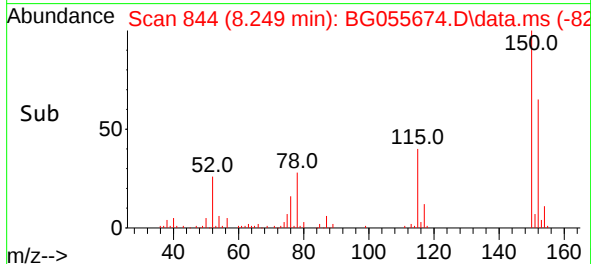
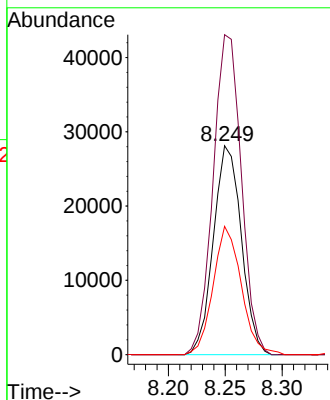
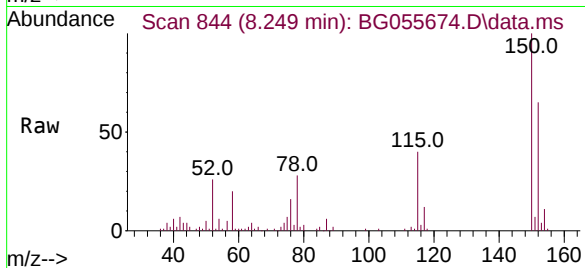




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.249 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG055674.D
Acq: 17 Nov 2022 20:41

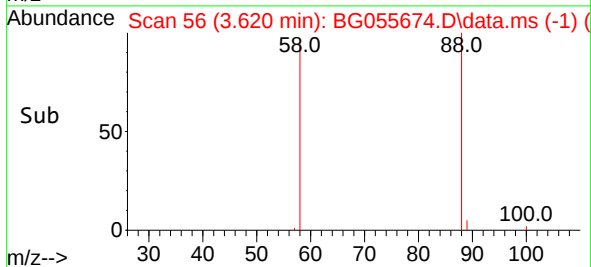
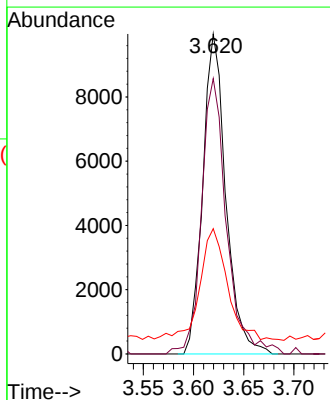
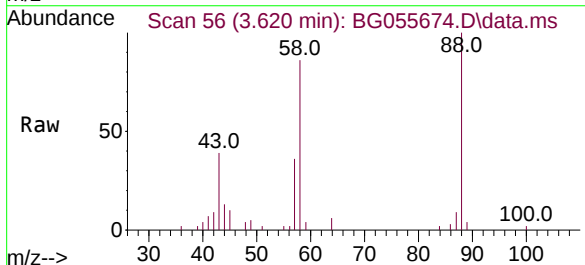
Instrument :
BNA_G
ClientSampleId :
SV34211L

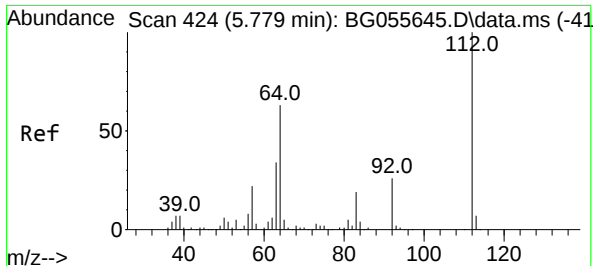
Tgt Ion:152 Resp: 48037
Ion Ratio Lower Upper
152 100
150 153.2 123.0 184.6
115 61.4 47.0 70.4



#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

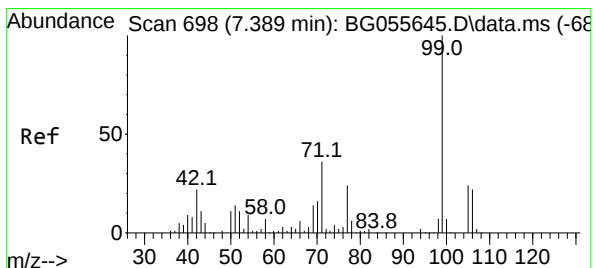
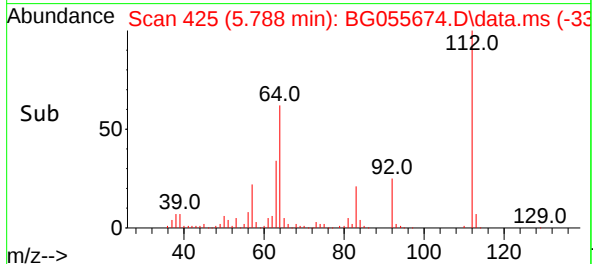
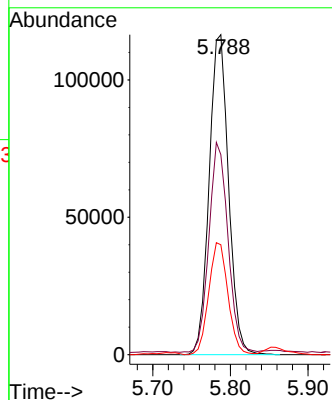
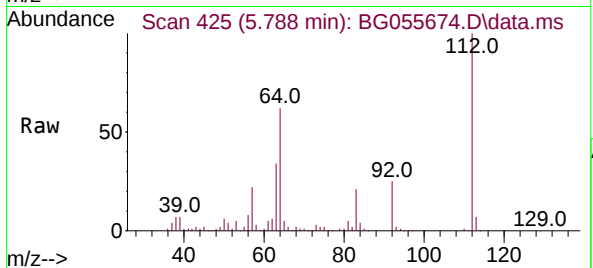




#5
2-Fluorophenol
Concen: 76.002 ng
RT: 5.788 min Scan# 424
Delta R.T. 0.008 min
Lab File: BG055674.D
Acq: 17 Nov 2022 20:41

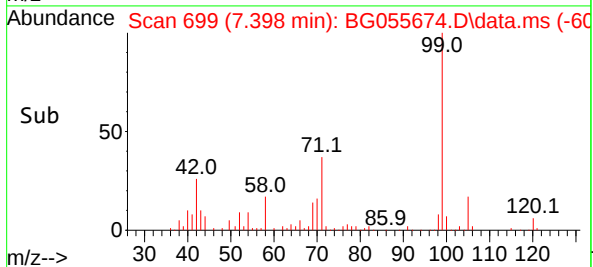
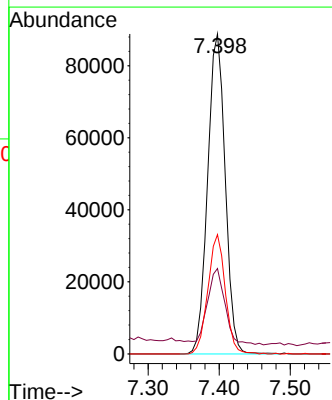
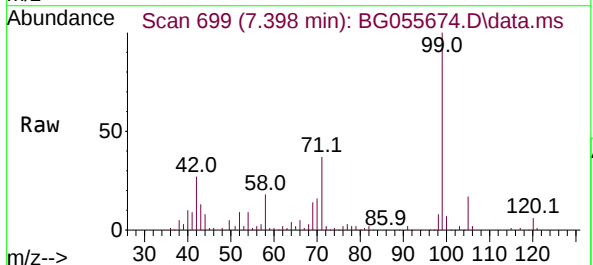
Instrument :
BNA_G
ClientSampleId :
SV34211L

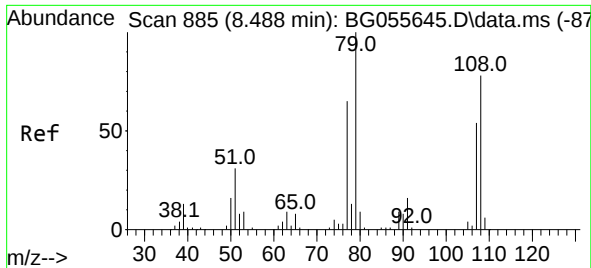
Tgt Ion:112 Resp: 201985
Ion Ratio Lower Upper
112 100
64 62.5 50.6 76.0
63 34.3 27.5 41.3



#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

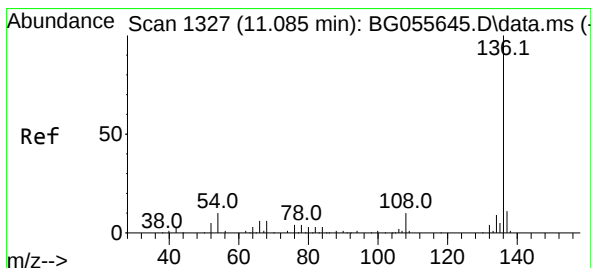
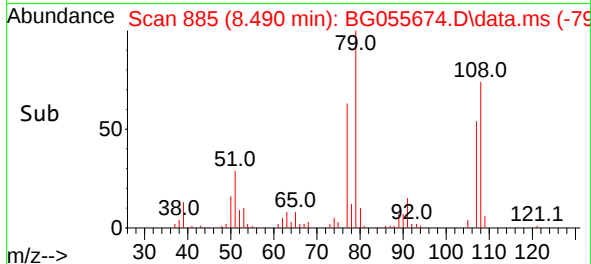
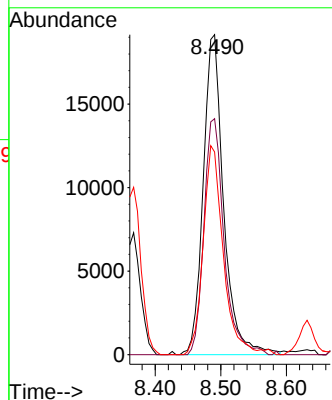
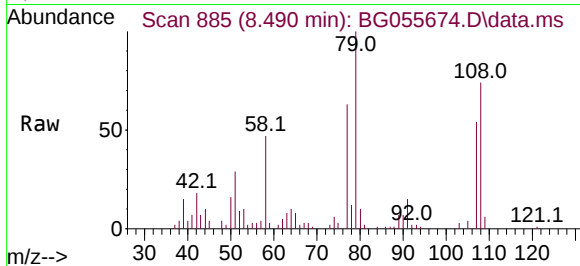




#15
Benzyl Alcohol
Concen: 14.368 ng
RT: 8.490 min Scan# 885
Delta R.T. 0.003 min
Lab File: BG055674.D
Acq: 17 Nov 2022 20:41

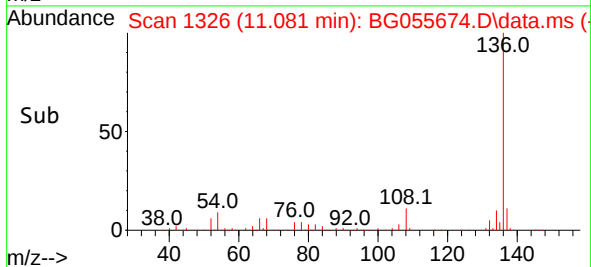
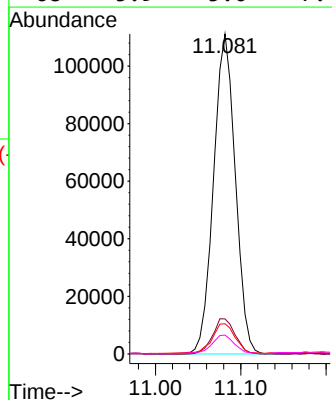
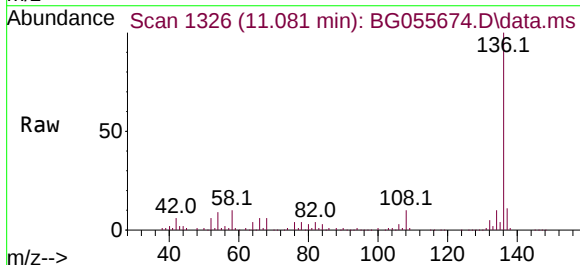
Instrument :
BNA_G
ClientSampleId :
SV34211L

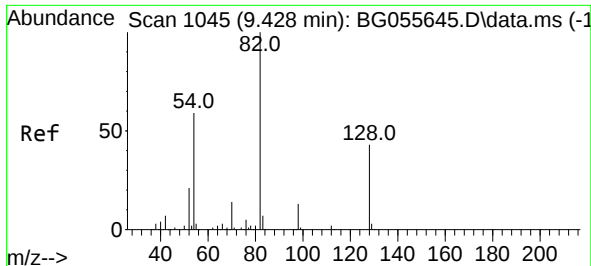
Tgt Ion: 79	Resp: 41311		
Ion Ratio	Lower	Upper	
79	100		
108	73.7	62.6	93.8
77	63.3	52.4	78.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.081 min Scan# 1326
Delta R.T. -0.003 min
Lab File: BG055674.D
Acq: 17 Nov 2022 20:41

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





#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

Instrument :

BNA_G

ClientSampleId :

SV34211L

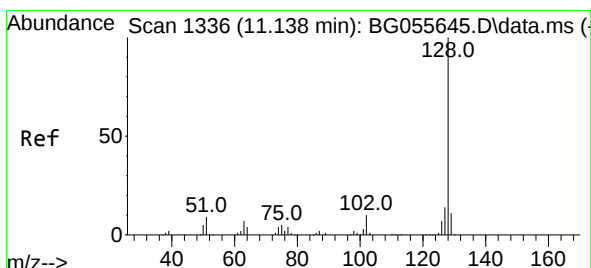
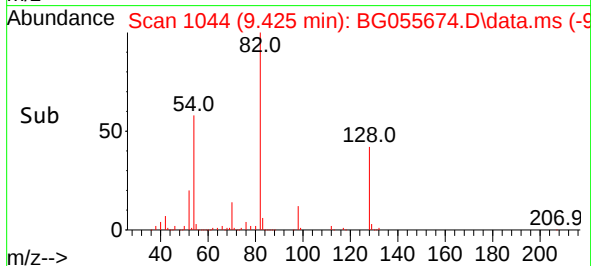
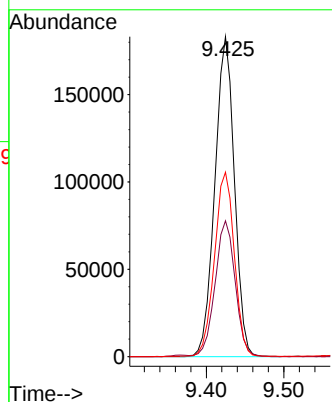
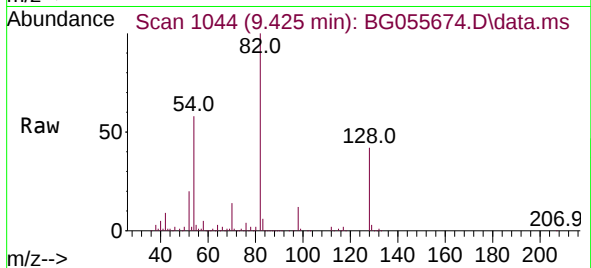
Tgt Ion: 82 Resp: 320775

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

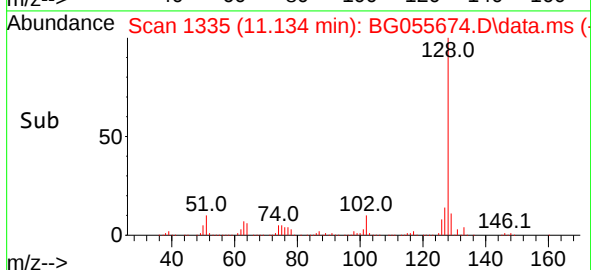
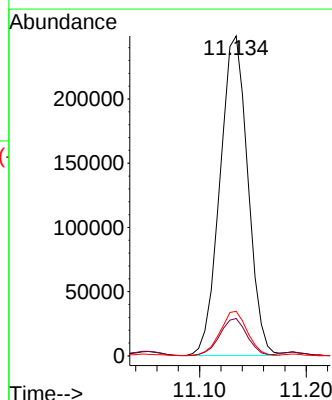
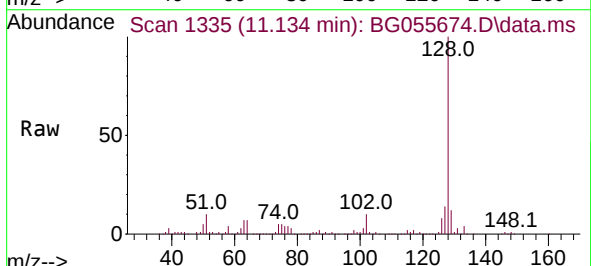
Tgt Ion: 128 Resp: 452305

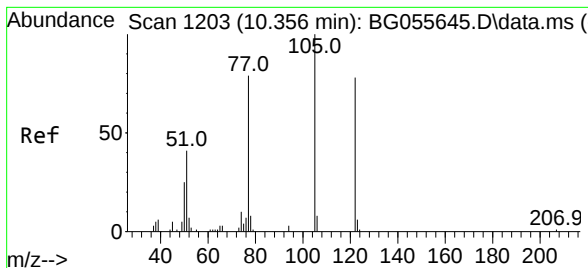
Ion Ratio Lower Upper

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# 1203

Delta R.T. 0.079 min

Lab File: BG055674.D

Acq: 17 Nov 2022 20:41

Instrument :

BNA_G

ClientSampleId :

SV34211L

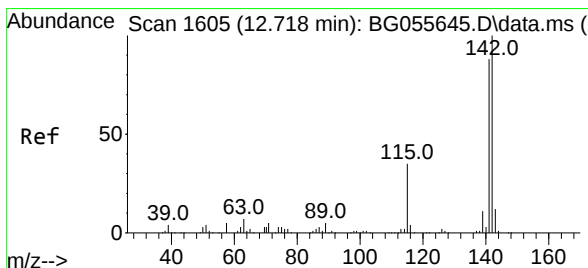
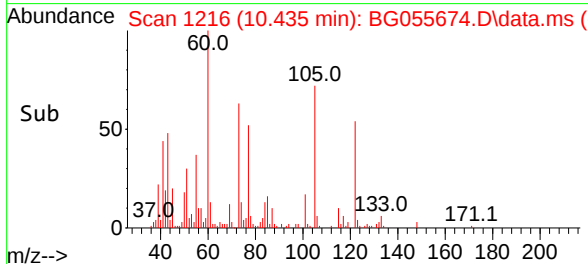
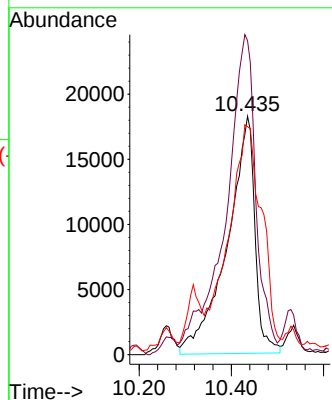
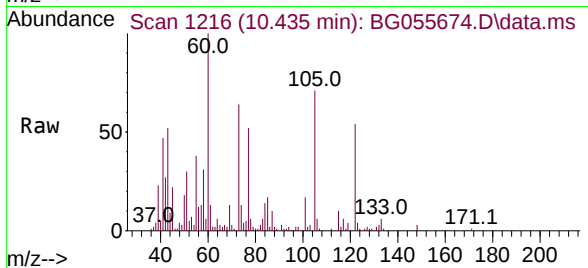
Tgt Ion:122 Resp: 75747

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

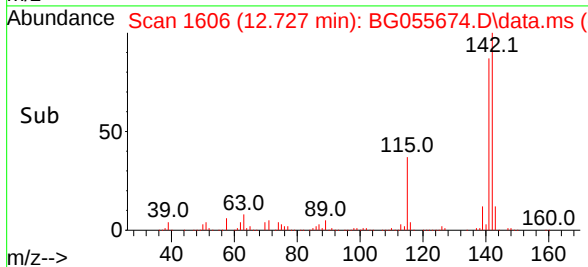
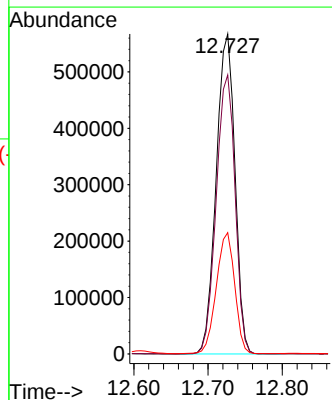
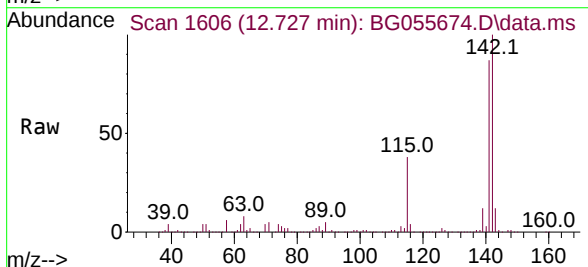
Tgt Ion:142 Resp: 995718

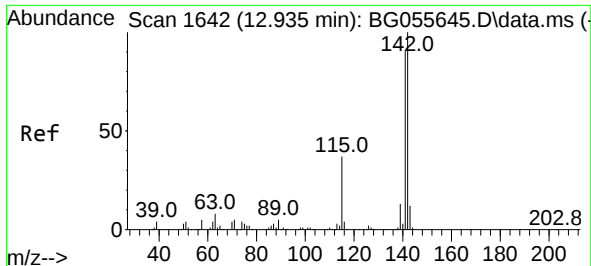
Ion Ratio Lower Upper

142 100

141 87.2 70.3 105.5

115 37.9 27.9 41.9

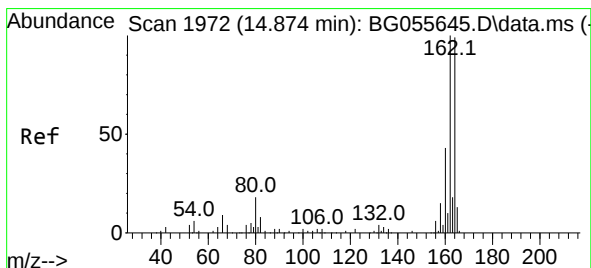
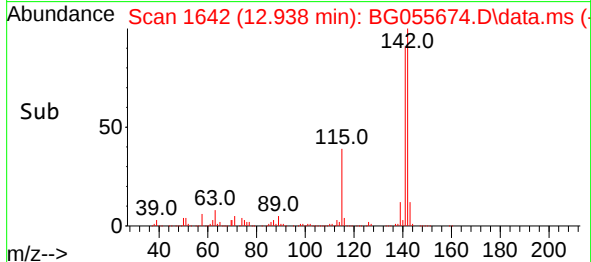
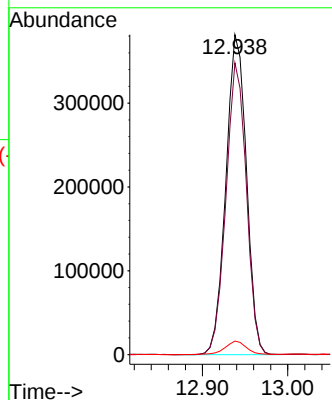
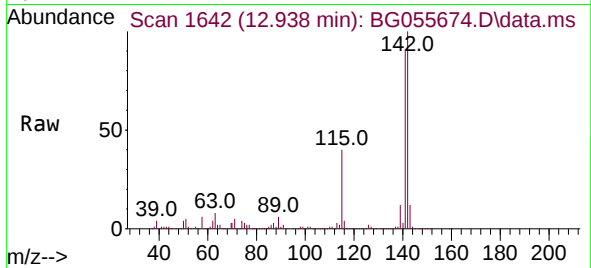




#38
1-Methylnaphthalene
Concen: 82.558 ng
RT: 12.938 min Scan# 1642
Delta R.T. 0.003 min
Lab File: BG055674.D
Acq: 17 Nov 2022 20:41

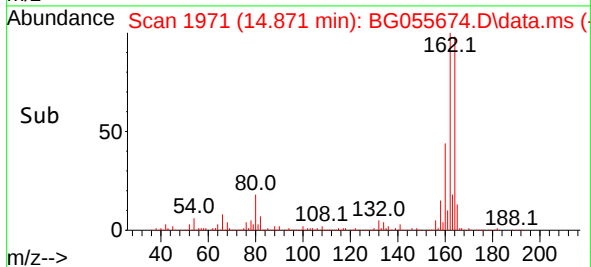
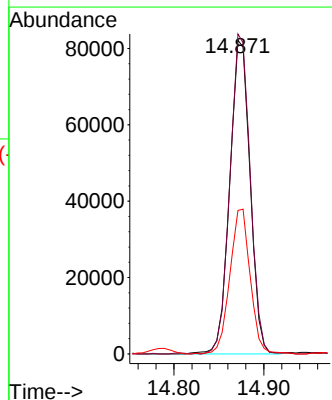
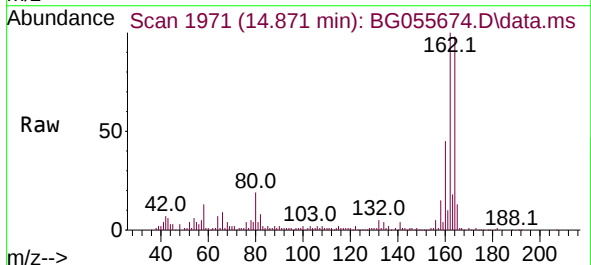
Instrument :
BNA_G
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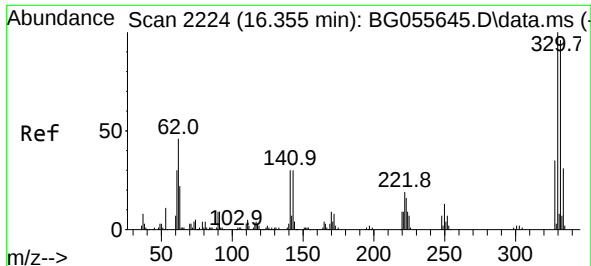
Tgt Ion:142 Resp: 637605
Ion Ratio Lower Upper
142 100
141 91.2 73.0 109.4
116 4.2 3.1 4.7



#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

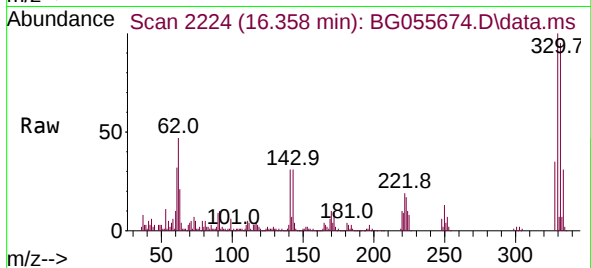
Tgt Ion:164 Resp: 129807
Ion Ratio Lower Upper
164 100
162 102.1 81.1 121.7
160 45.8 34.8 52.2



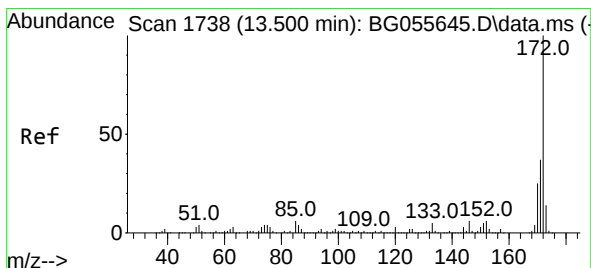
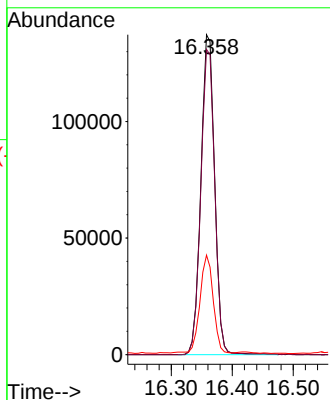
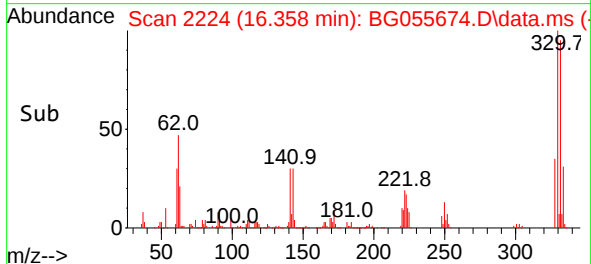


#42
2,4,6-Tribromophenol
Concen: 117.651 ng
RT: 16.358 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG055674.D
Acq: 17 Nov 2022 20:41

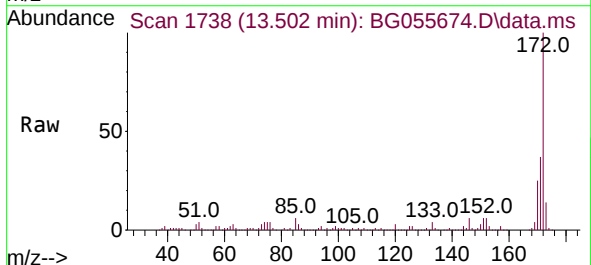
Instrument :
BNA_G
ClientSampleId :
SV34211L



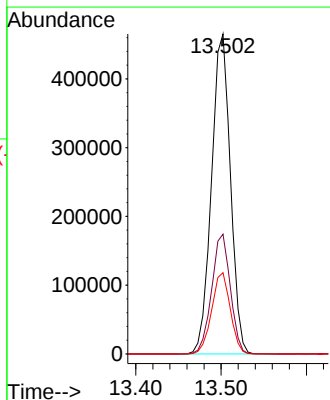
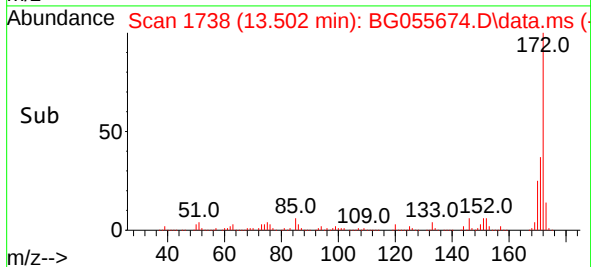
Tgt Ion:330 Resp: 215049
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 29.2 23.9 35.9

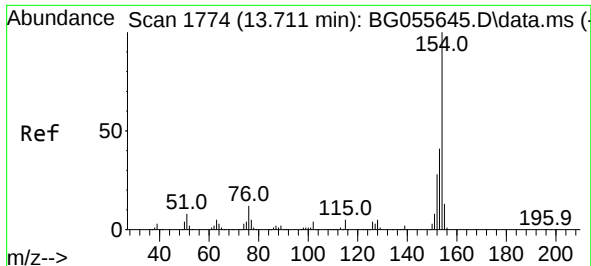


#45
2-Fluorobiphenyl
Concen: 82.658 ng
RT: 13.502 min Scan# 1738
Delta R.T. 0.003 min
Lab File: BG055674.D
Acq: 17 Nov 2022 20:41



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

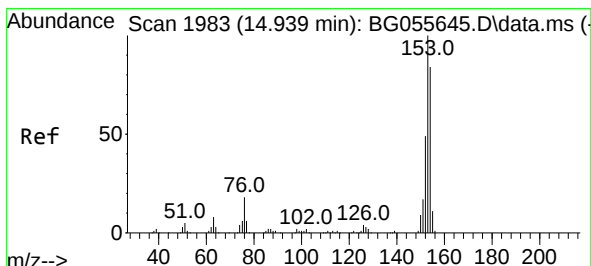
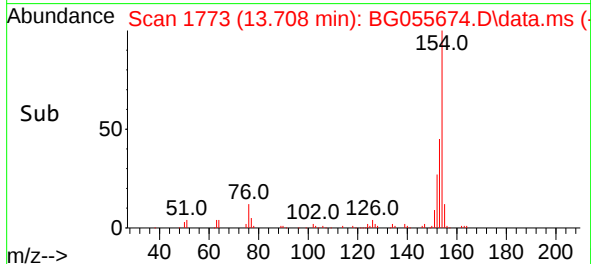
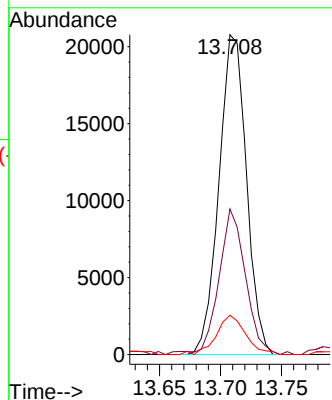
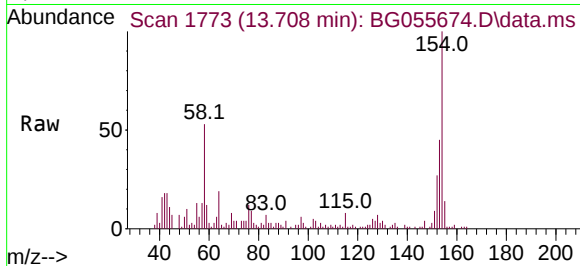




#46
1,1'-Biphenyl
Concen: 3.448 ng
RT: 13.708 min Scan# 1773
Delta R.T. -0.003 min
Lab File: BG055674.D
Acq: 17 Nov 2022 20:41

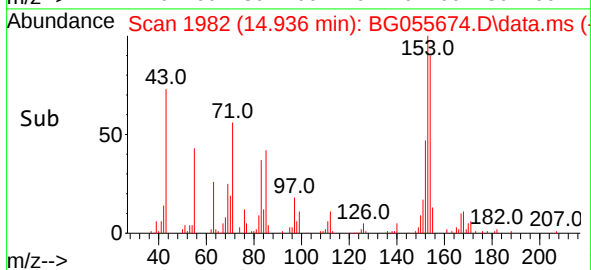
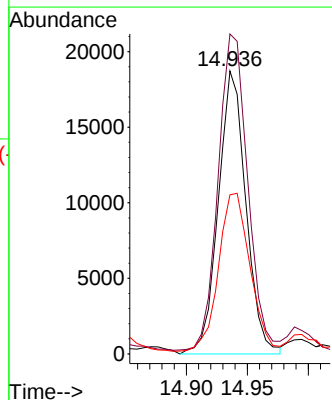
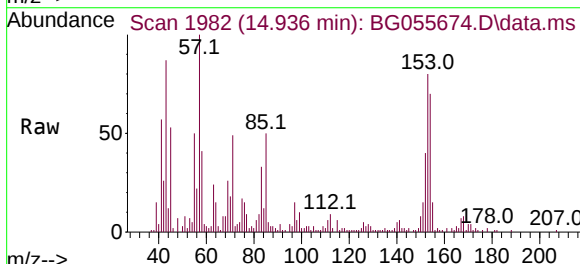
Instrument :
BNA_G
ClientSampleId :
SV34211L

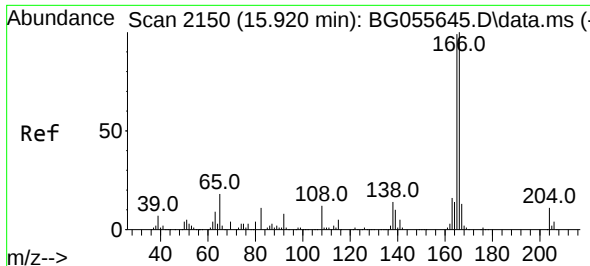
Tgt Ion:154 Resp: 32619
Ion Ratio Lower Upper
154 100
153 45.5 20.6 60.6
76 12.3 0.0 32.4



#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

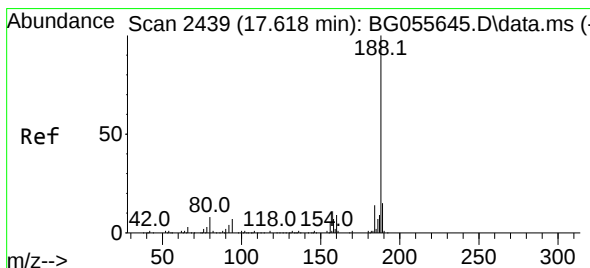
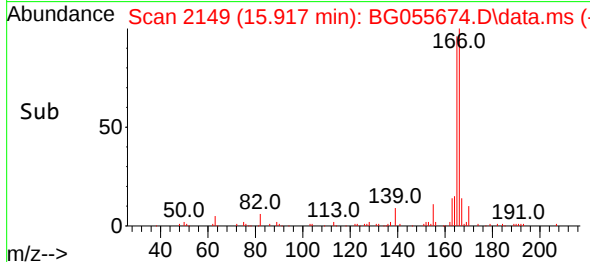
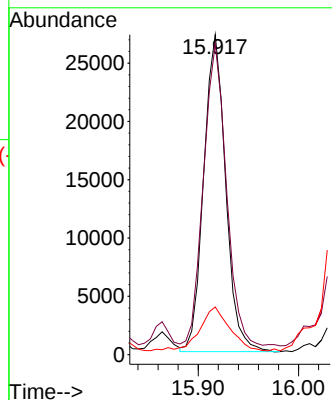
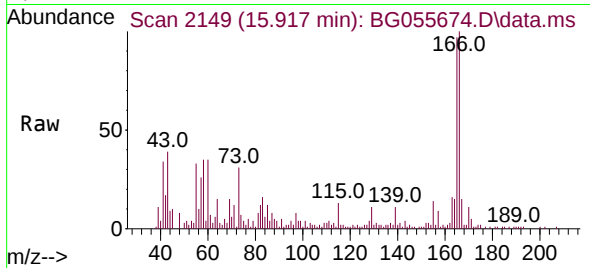




#58
Fluorene
Concen: 4.237 ng
RT: 15.917 min Scan# 2150
Delta R.T. -0.003 min
Lab File: BG055674.D
Acq: 17 Nov 2022 20:41

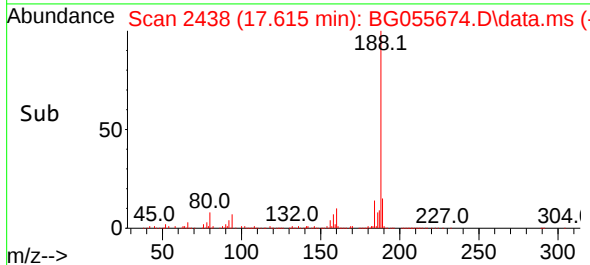
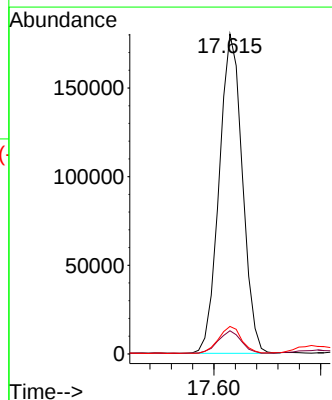
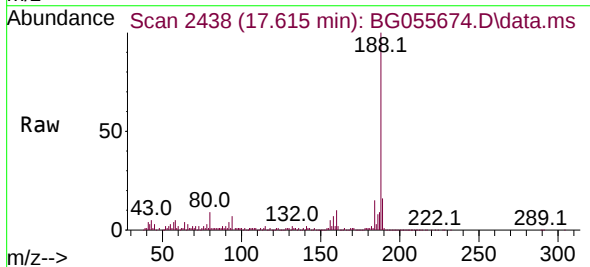
Instrument :
BNA_G
ClientSampleId :
SV34211L

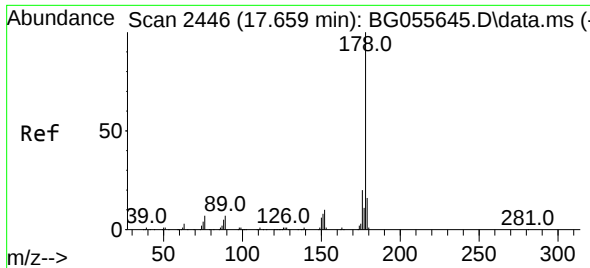
Tgt Ion:166 Resp: 41309
Ion Ratio Lower Upper
166 100
165 97.1 79.3 118.9
167 14.9 10.6 15.8



#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

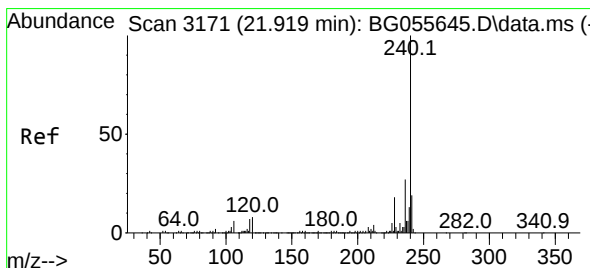
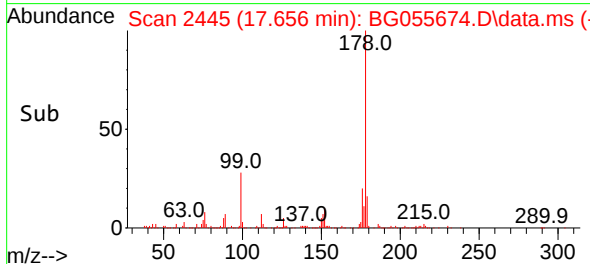
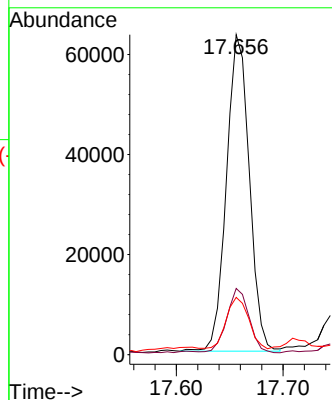
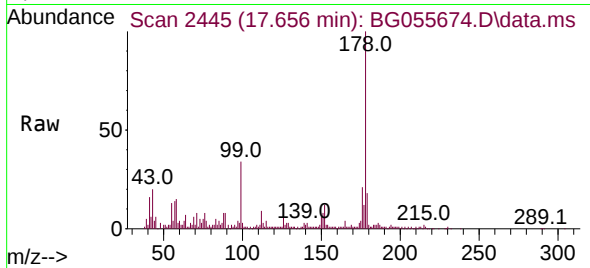




#71
Phenanthrene
Concen: 6.395 ng
RT: 17.656 min Scan# 2446
Delta R.T. -0.003 min
Lab File: BG055674.D
Acq: 17 Nov 2022 20:41

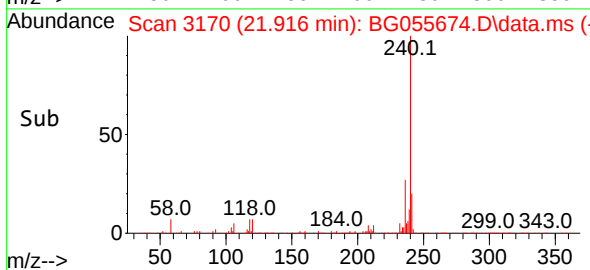
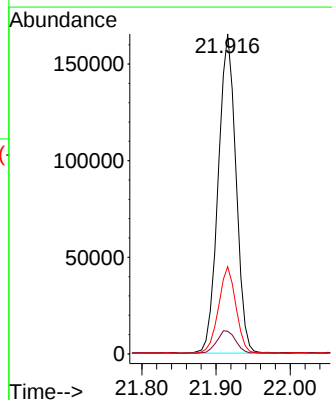
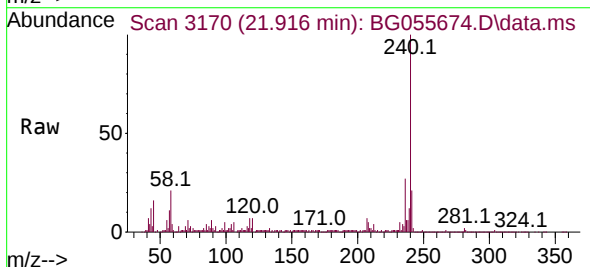
Instrument :
BNA_G
ClientSampleId :
SV34211L

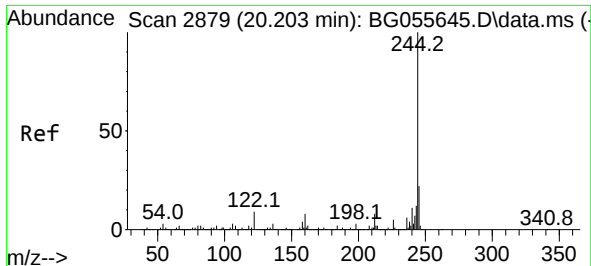
Tgt Ion:178 Resp: 94200
Ion Ratio Lower Upper
178 100
176 20.7 16.0 24.0
179 17.9 12.7 19.1



#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

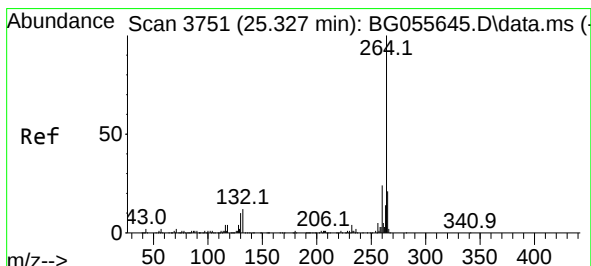
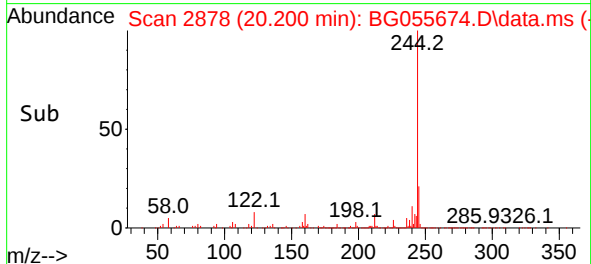
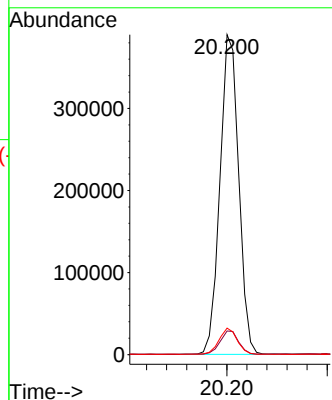
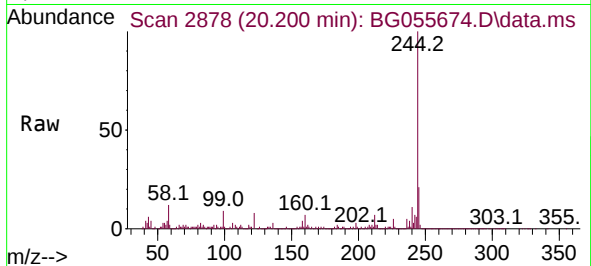




#79
 Terphenyl-d14
 Concen: 36.892 ng
 RT: 20.200 min Scan# 2879
 Delta R.T. -0.003 min
 Lab File: BG055674.D
 Acq: 17 Nov 2022 20:41

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

