

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111925\
 Data File : BG064812.D
 Acq On : 19 Nov 2025 12:13
 Operator : RC/JU
 Sample : PB170598BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170598BL

Quant Time: Nov 19 12:50:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.167	152	35829	20.000	ng	0.00
21) Naphthalene-d8	10.981	136	134119	20.000	ng	0.00
39) Acenaphthene-d10	14.777	164	108894	20.000	ng	0.00
64) Phenanthrene-d10	17.503	188	277639	20.000	ng	0.00
76) Chrysene-d12	21.751	240	358066	20.000	ng	0.00
86) Perylene-d12	25.012	264	349744	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.705	112	307944	150.084	ng	0.00
7) Phenol-d6	7.315	99	397801	145.769	ng	0.00
23) Nitrobenzene-d5	9.324	82	256987	94.738	ng	0.00
42) 2,4,6-Tribromophenol	16.251	330	316678	149.111	ng	0.00
45) 2-Fluorobiphenyl	13.408	172	736861	94.420	ng	0.00
79) Terphenyl-d14	20.088	244	1889008	103.776	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.255	88	60	0.076	ng	# 1
3) Pyridine	3.766	79	57	0.024	ng	# 2
4) n-Nitrosodimethylamine	3.848	42	59	0.049	ng	# 6
9) Benzaldehyde	7.309	77	736	0.412	ng	# 1
15) Benzyl Alcohol	8.161	79	1024	0.457	ng	# 40
18) Hexachloroethane	9.136	117	54	0.054	ng	# 1
24) Nitrobenzene	9.324	77	760	0.277	ng	# 12
25) Isophorone	9.888	82	129	0.025	ng	# 65
26) 2-Nitrophenol	10.200	139	57	0.046	ng	# 27
28) bis(2-Chloroethoxy)met...	10.476	93	91	0.032	ng	# 50
36) 4-Chloro-3-methylphenol	12.503	107	61	0.023	ng	# 21
46) 1,1'-Biphenyl	13.408	154	1203	0.154	ng	# 1
48) 2-Nitroaniline	13.402	65	1053	0.531	ng	# 1
52) Acenaphthene	14.783	154	258	0.041	ng	# 3
58) Fluorene	16.246	166	7848	0.959	ng	# 93
63) Azobenzene	16.246	77	893	0.130	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.251	198	765	0.496	ng	# 1
66) n-Nitrosodiphenylamine	16.246	169	7583	1.043	ng	# 50
71) Phenanthrene	17.503	178	56	0.004	ng	# 1
72) Anthracene	17.503	178	56	0.004	ng	# 1
73) Carbazole	18.126	167	112	0.008	ng	# 59
74) Di-n-butylphthalate	18.455	149	69	0.005	ng	# 78
75) Fluoranthene	19.530	202	76	0.004	ng	# 66
78) Pyrene	19.906	202	290	0.014	ng	# 29
80) Butylbenzylphthalate	20.776	149	506	0.072	ng	# 73
81) Benzo(a)anthracene	21.751	228	1833	0.075	ng	# 78
82) 3,3'-Dichlorobenzidine	21.622	252	331	0.037	ng	# 66
83) Chrysene	21.821	228	251	0.011	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.633	149	536	0.052	ng	# 25
85) Di-n-octyl phthalate	22.838	149	513	0.029	ng	# 75
87) Indeno(1,2,3-cd)pyrene	28.731	276	66	0.003	ng	# 56
88) Benzo(b)fluoranthene	23.966	252	546	0.025	ng	# 1
89) Benzo(k)fluoranthene	24.031	252	763	0.034	ng	# 1
90) Benzo(a)pyrene	24.859	252	268	0.013	ng	# 1
91) Dibenzo(a,h)anthracene	28.813	278	96	0.005	ng	# 1
92) Benzo(g,h,i)perylene	29.918	276	60	0.003	ng	# 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

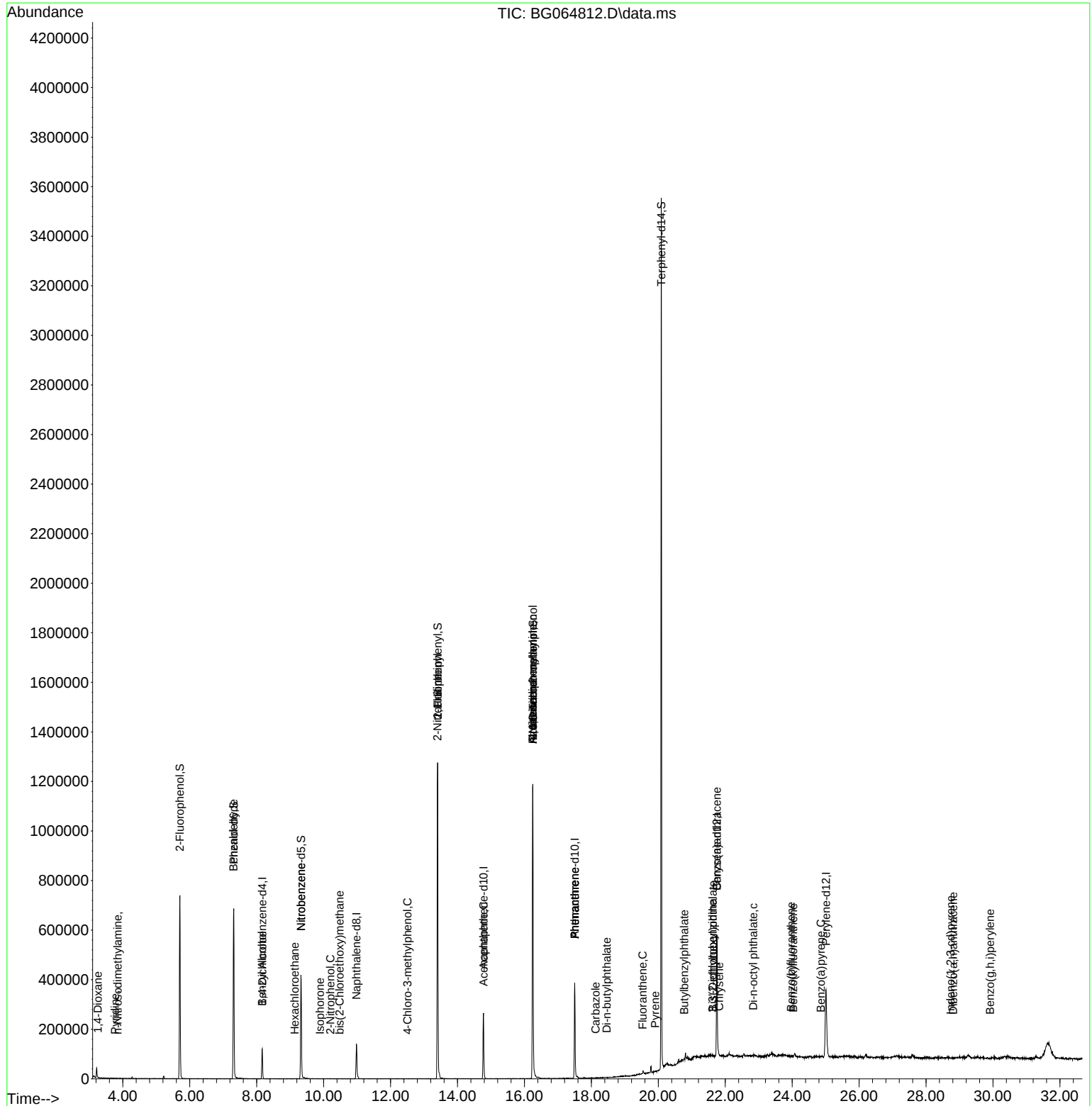
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

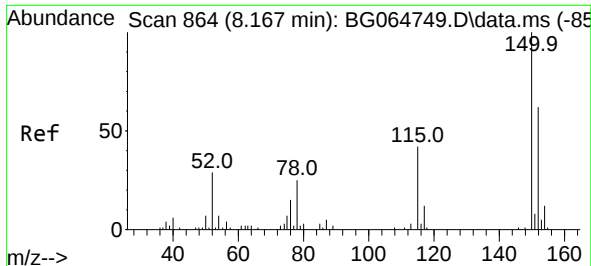
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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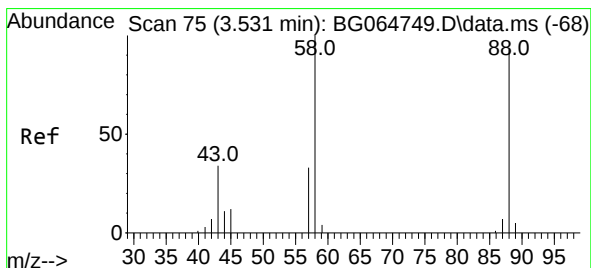
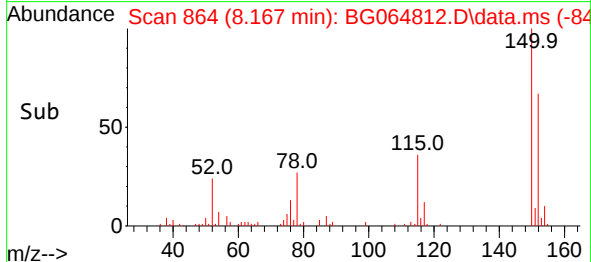
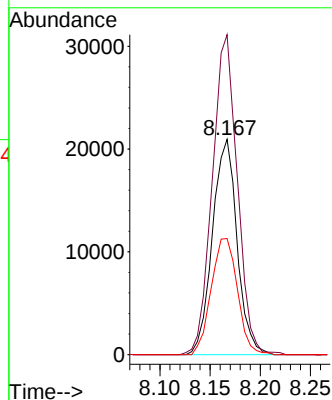
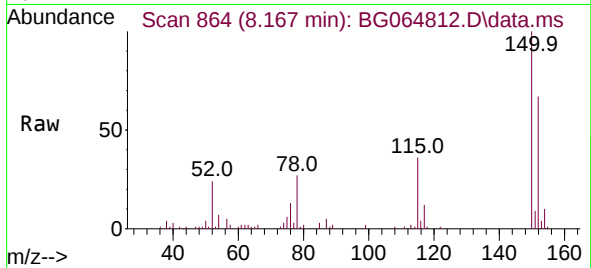




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.167 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BG064812.D
 Acq: 19 Nov 2025 12:13

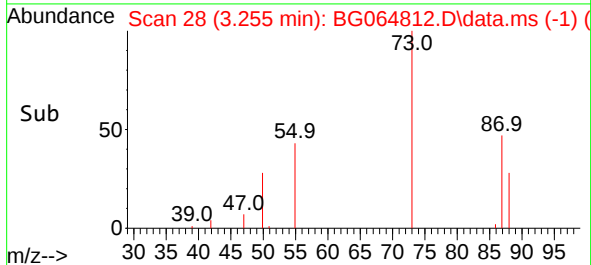
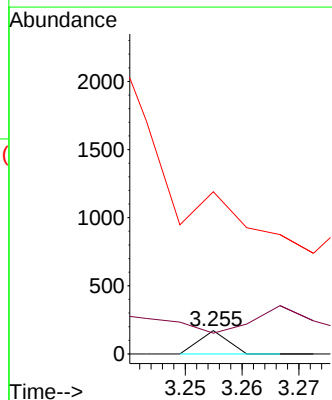
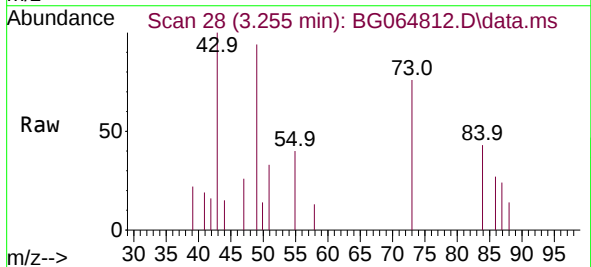
Instrument :
 BNA_G
 ClientSampleId :
 PB170598BL

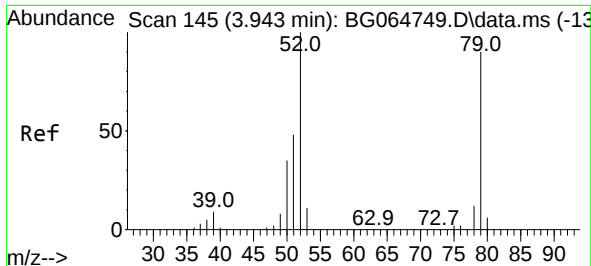
Tgt Ion:152 Resp: 35829
 Ion Ratio Lower Upper
 152 100
 150 148.7 129.2 193.8
 115 53.9 53.7 80.5



#2
 1,4-Dioxane
 Concen: 0.076 ng
 RT: 3.255 min Scan# 28
 Delta R.T. -0.277 min
 Lab File: BG064812.D
 Acq: 19 Nov 2025 12:13

Tgt Ion: 88 Resp: 60
 Ion Ratio Lower Upper
 88 100
 58 225.0 84.6 126.8#
 43 0.0 30.0 45.0#





#3

Pyridine

Concen: 0.024 ng

RT: 3.766 min Scan# 115

Delta R.T. -0.177 min

Lab File: BG064812.D

Acq: 19 Nov 2025 12:13

Instrument :

BNA_G

ClientSampleId :

PB170598BL

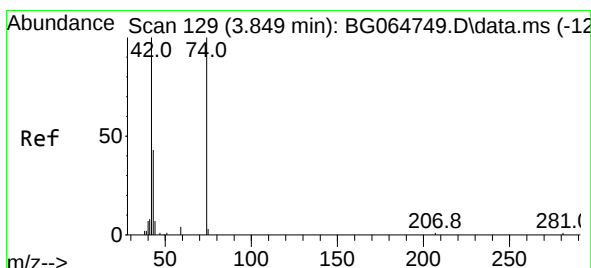
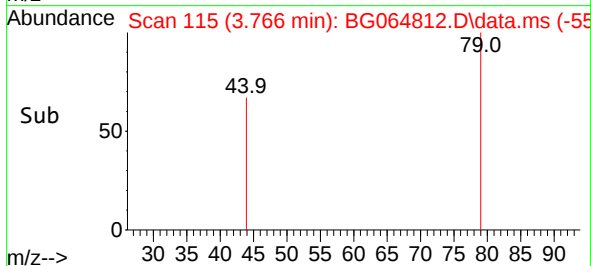
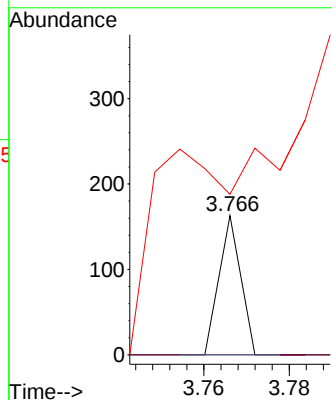
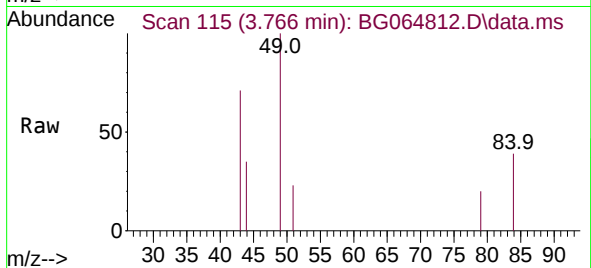
Tgt Ion: 79 Resp: 57

Ion Ratio Lower Upper

79 100

52 0.0 89.0 133.4#

51 115.3 43.4 65.0#



#4

n-Nitrosodimethylamine

Concen: 0.049 ng

RT: 3.848 min Scan# 129

Delta R.T. -0.000 min

Lab File: BG064812.D

Acq: 19 Nov 2025 12:13

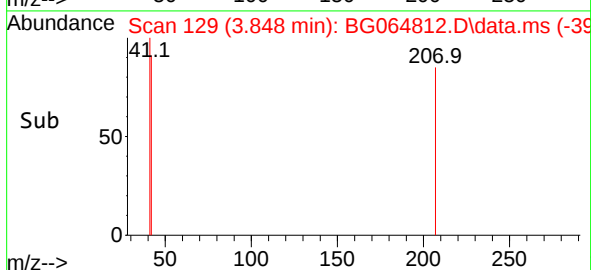
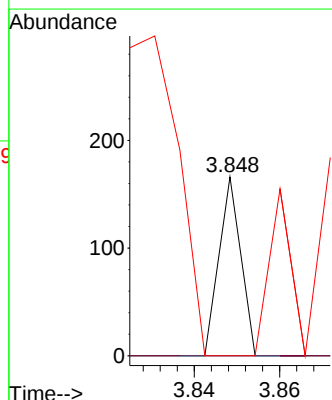
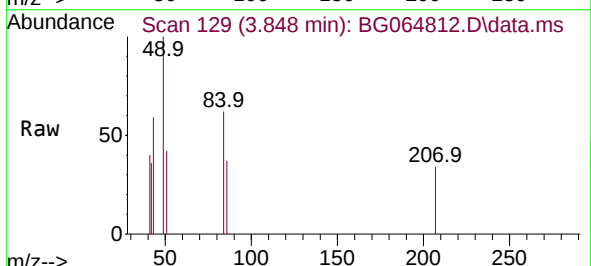
Tgt Ion: 42 Resp: 59

Ion Ratio Lower Upper

42 100

74 0.0 79.8 119.6#

44 0.0 5.9 8.9#

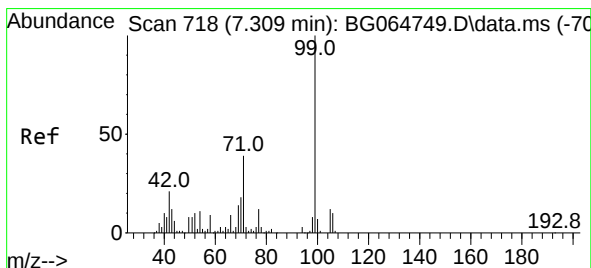
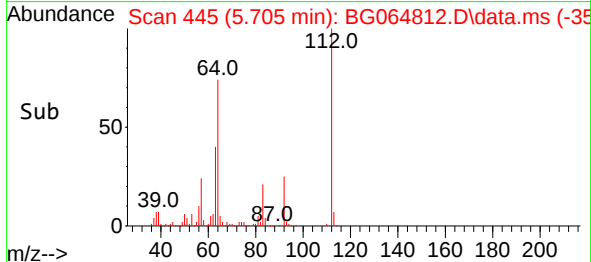
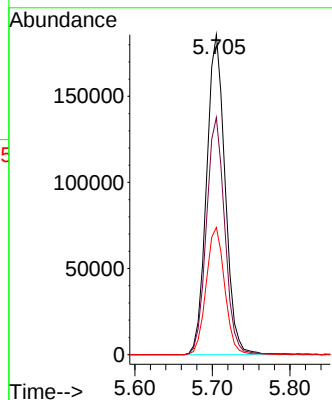
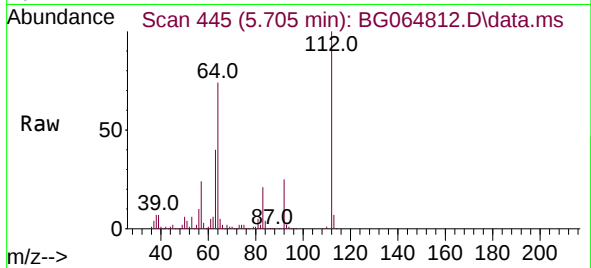




#5
2-Fluorophenol
Concen: 150.084 ng
RT: 5.705 min Scan# 444
Delta R.T. 0.005 min
Lab File: BG064812.D
Acq: 19 Nov 2025 12:13

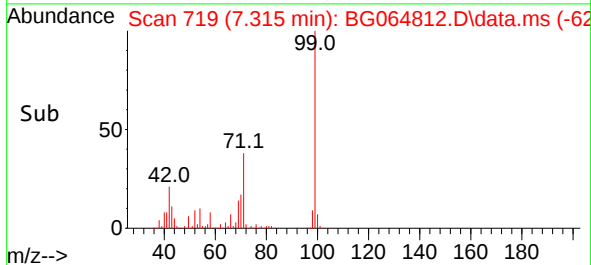
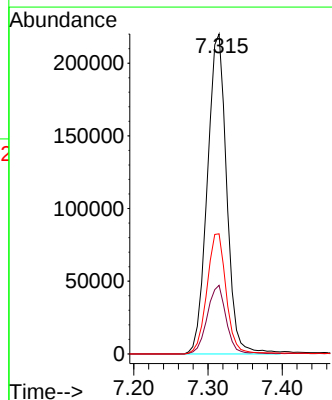
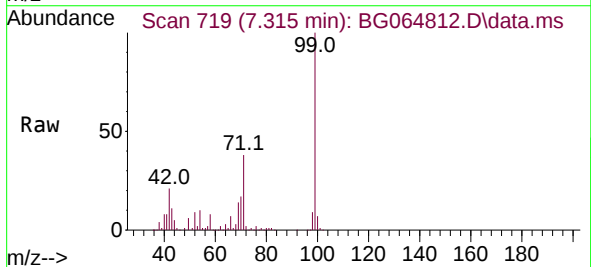
Instrument :
BNA_G
ClientSampleId :
PB170598BL

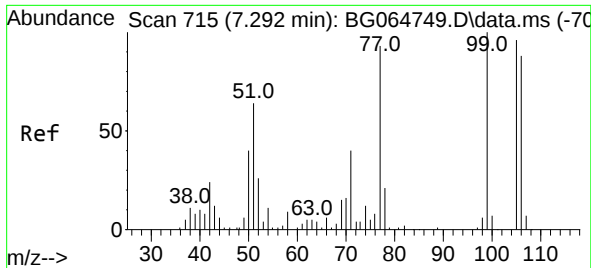
Tgt Ion:112 Resp: 307944
Ion Ratio Lower Upper
112 100
64 74.1 61.0 91.4
63 39.7 33.3 49.9



#7
Phenol-d6
Concen: 145.769 ng
RT: 7.315 min Scan# 719
Delta R.T. 0.005 min
Lab File: BG064812.D
Acq: 19 Nov 2025 12:13

Tgt Ion: 99 Resp: 397801
Ion Ratio Lower Upper
99 100
42 21.4 16.8 25.2
71 37.5 31.1 46.7





#9

Benzaldehyde

Concen: 0.412 ng

RT: 7.309 min Scan# 715

Delta R.T. 0.017 min

Lab File: BG064812.D

Acq: 19 Nov 2025 12:13

Instrument :

BNA_G

ClientSampleId :

PB170598BL

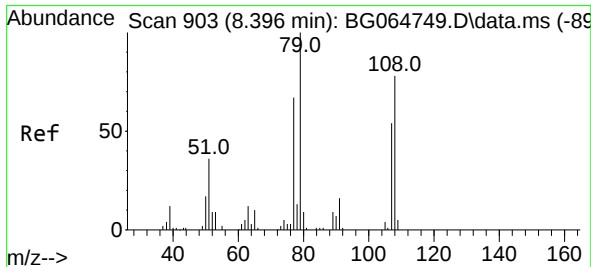
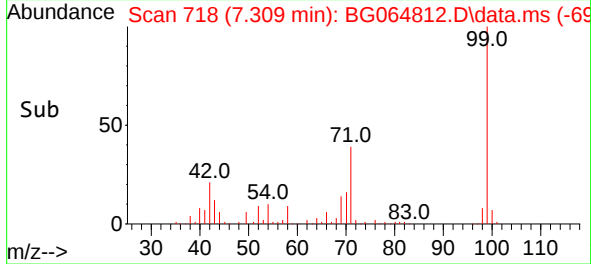
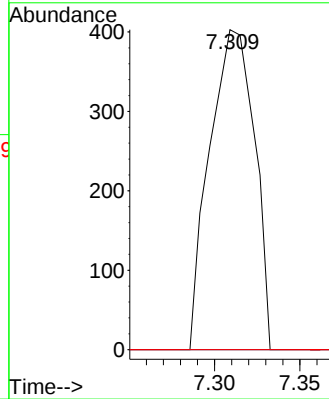
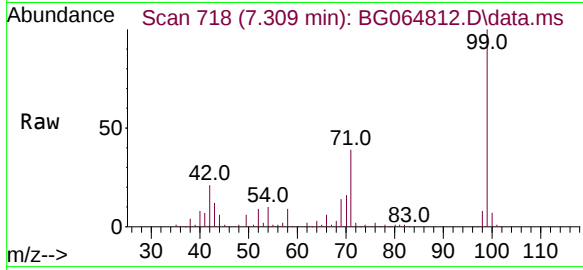
Tgt Ion: 77 Resp: 736

Ion Ratio Lower Upper

77 100

105 0.0 83.8 123.8#

106 0.0 74.3 114.3#



#15

Benzyl Alcohol

Concen: 0.457 ng

RT: 8.161 min Scan# 863

Delta R.T. -0.235 min

Lab File: BG064812.D

Acq: 19 Nov 2025 12:13

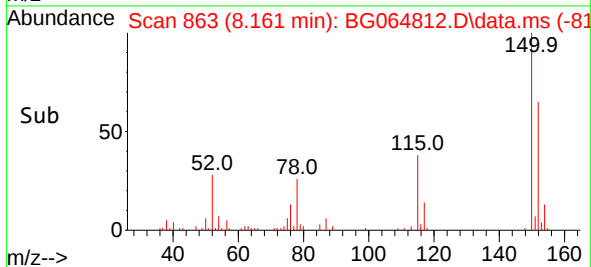
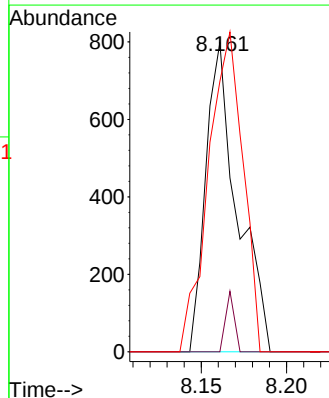
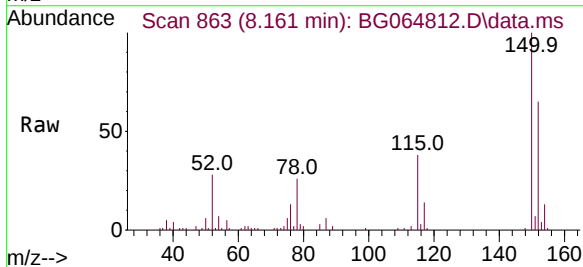
Tgt Ion: 79 Resp: 1024

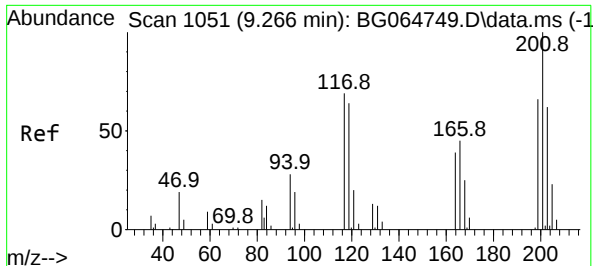
Ion Ratio Lower Upper

79 100

108 0.0 62.3 93.5#

77 87.4 53.5 80.3#

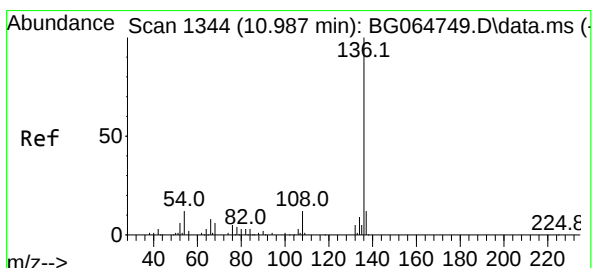
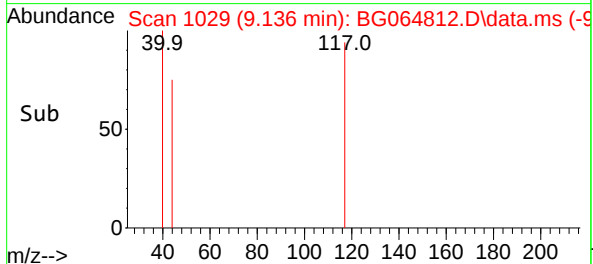
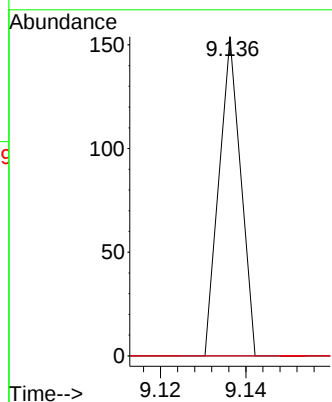
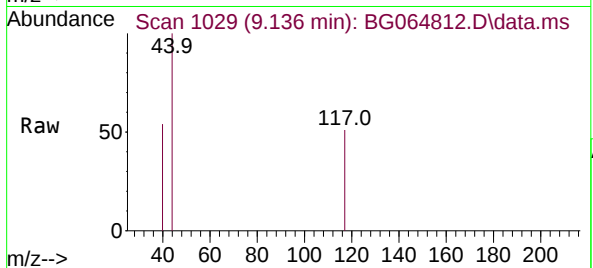




#18
Hexachloroethane
Concen: 0.054 ng
RT: 9.136 min Scan# 1029
Delta R.T. -0.130 min
Lab File: BG064812.D
Acq: 19 Nov 2025 12:13

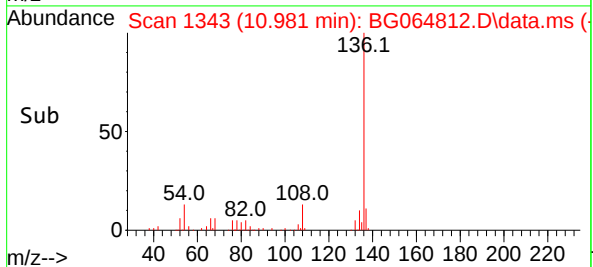
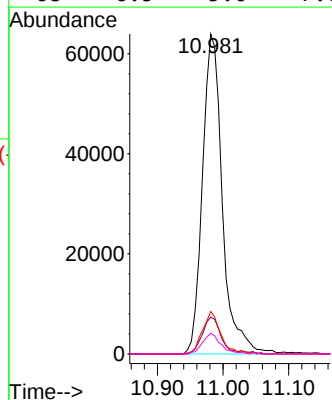
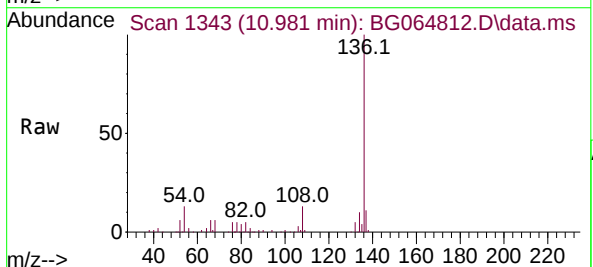
Instrument :
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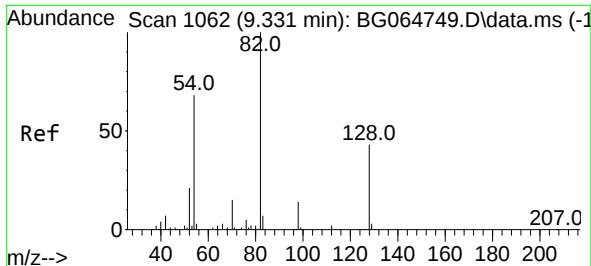
Tgt Ion:117 Resp: 54
Ion Ratio Lower Upper
117 100
119 0.0 74.4 111.6#
201 0.0 116.5 174.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.981 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BG064812.D
Acq: 19 Nov 2025 12:13

Tgt Ion:136 Resp: 134119
Ion Ratio Lower Upper
136 100
137 11.5 9.3 13.9
54 13.2 9.3 13.9
68 6.5 5.0 7.6





#23

Nitrobenzene-d5

Concen: 94.738 ng

RT: 9.324 min Scan# 1061

Delta R.T. -0.006 min

Lab File: BG064812.D

Acq: 19 Nov 2025 12:13

Instrument :

BNA_G

ClientSampleId :

PB170598BL

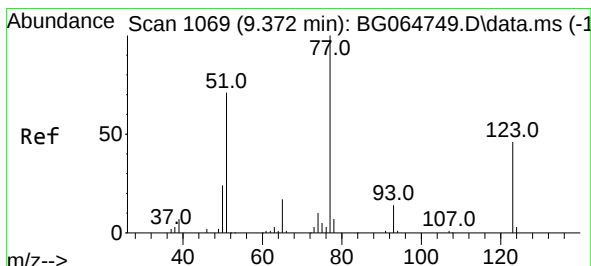
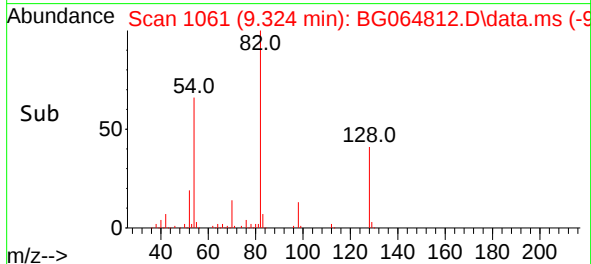
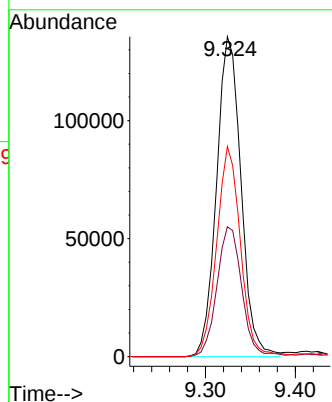
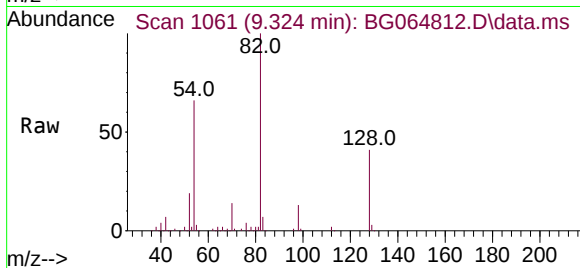
Tgt Ion: 82 Resp: 256987

Ion Ratio Lower Upper

82 100

128 40.6 34.1 51.1

54 65.7 54.3 81.5



#24

Nitrobenzene

Concen: 0.277 ng

RT: 9.324 min Scan# 1061

Delta R.T. -0.047 min

Lab File: BG064812.D

Acq: 19 Nov 2025 12:13

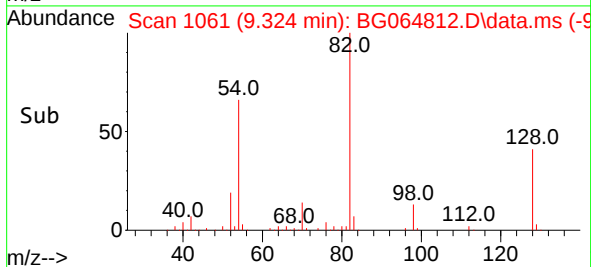
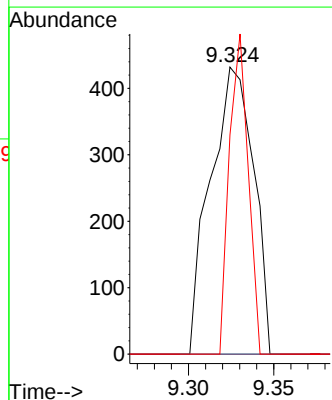
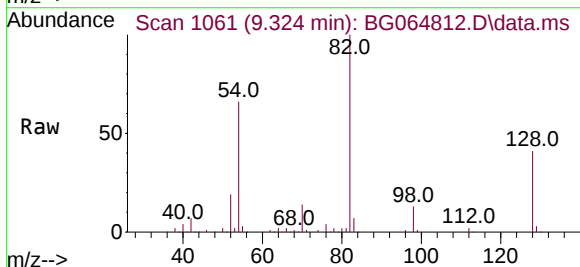
Tgt Ion: 77 Resp: 760

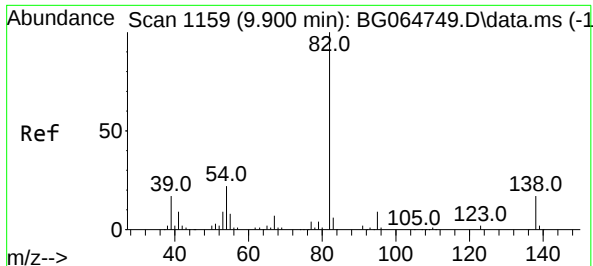
Ion Ratio Lower Upper

77 100

123 0.0 36.5 54.7#

65 76.4 13.5 20.3#

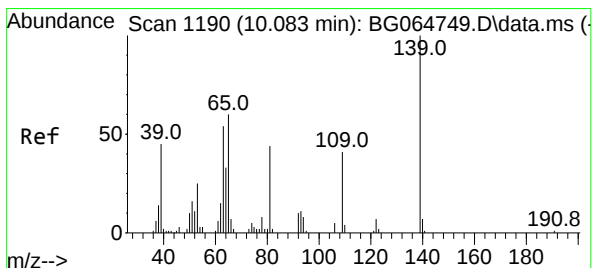
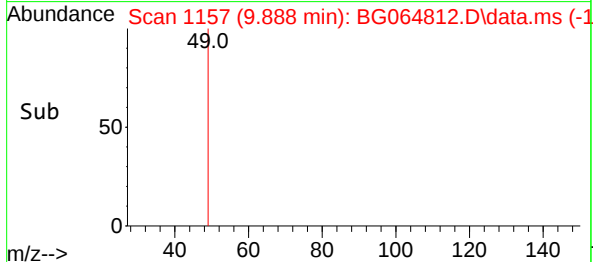
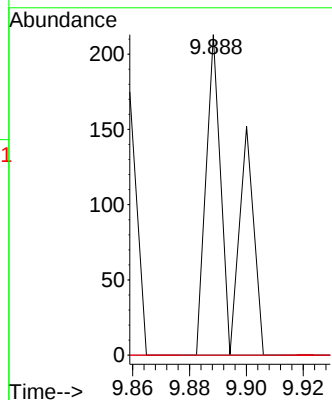
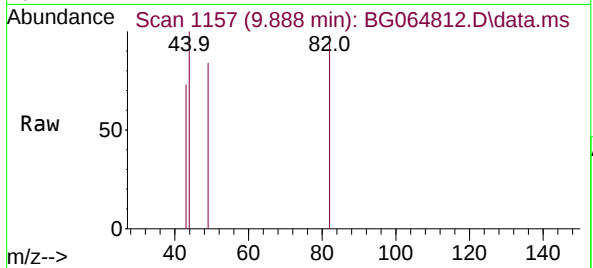




#25
Isophorone
Concen: 0.025 ng
RT: 9.888 min Scan# 111
Delta R.T. -0.012 min
Lab File: BG064812.D
Acq: 19 Nov 2025 12:13

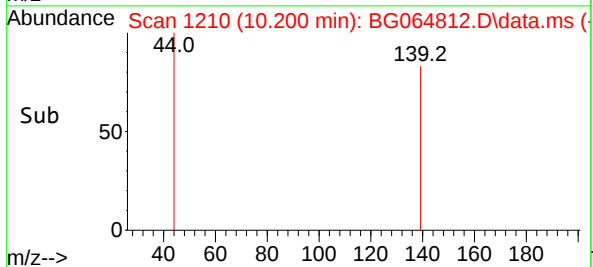
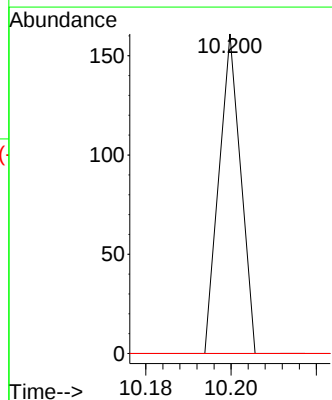
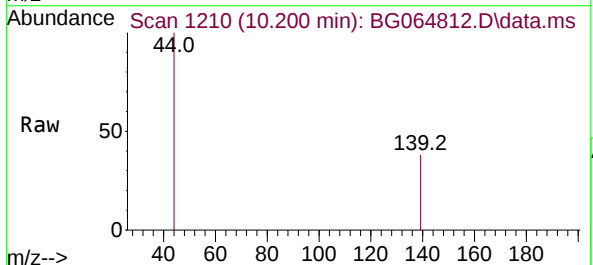
Instrument :
BNA_G
ClientSampleId :
PB170598BL

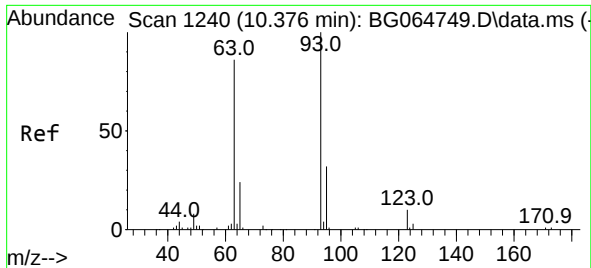
Tgt Ion: 82 Resp: 129
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 13.9 20.9#



#26
2-Nitrophenol
Concen: 0.046 ng
RT: 10.200 min Scan# 1210
Delta R.T. 0.117 min
Lab File: BG064812.D
Acq: 19 Nov 2025 12:13

Tgt Ion: 139 Resp: 57
Ion Ratio Lower Upper
139 100
109 0.0 32.5 48.7#
65 0.0 47.6 71.4#

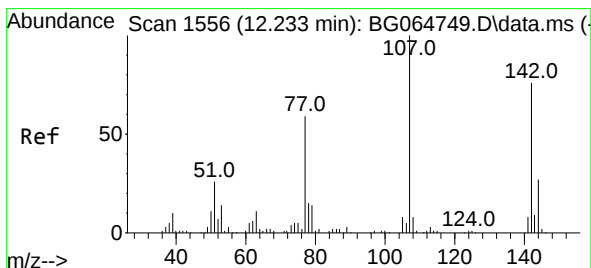
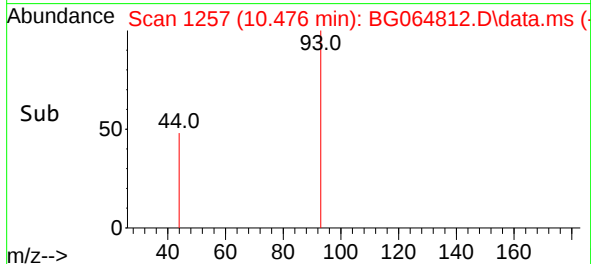
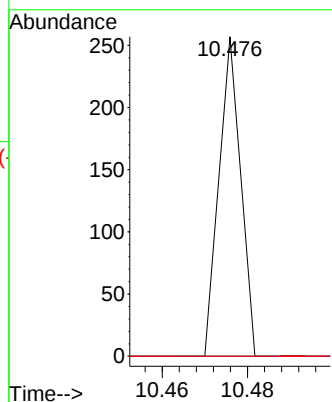
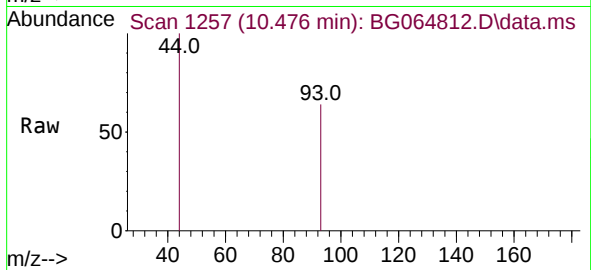




#28
bis(2-Chloroethoxy)methane
Concen: 0.032 ng
RT: 10.476 min Scan# 11
Delta R.T. 0.099 min
Lab File: BG064812.D
Acq: 19 Nov 2025 12:13

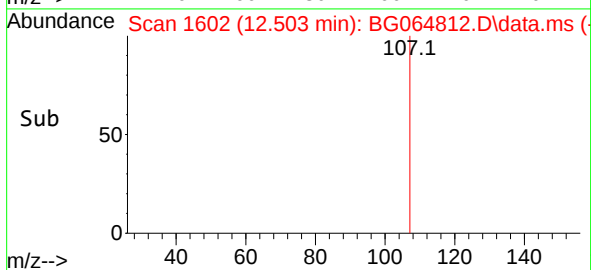
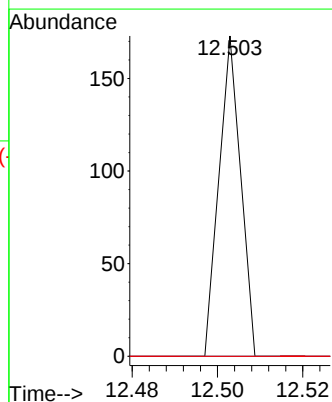
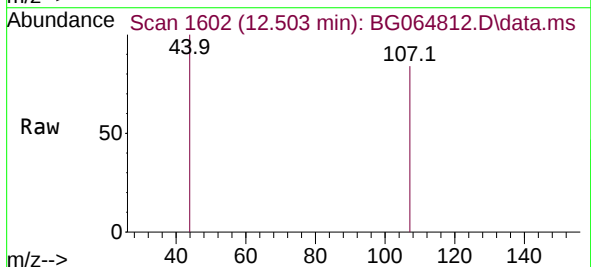
Instrument :
BNA_G
ClientSampleId :
PB170598BL

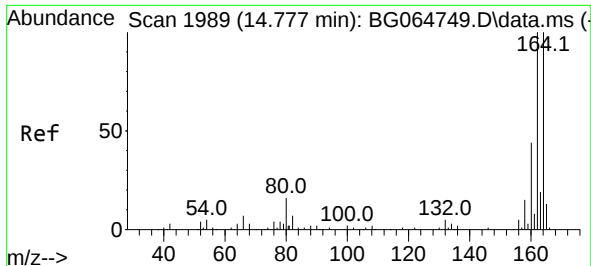
Tgt Ion: 93 Resp: 91
Ion Ratio Lower Upper
93 100
95 0.0 25.4 38.2#
123 0.0 8.1 12.1#



#36
4-Chloro-3-methylphenol
Concen: 0.023 ng
RT: 12.503 min Scan# 1602
Delta R.T. 0.270 min
Lab File: BG064812.D
Acq: 19 Nov 2025 12:13

Tgt Ion: 107 Resp: 61
Ion Ratio Lower Upper
107 100
144 0.0 21.7 32.5#
142 0.0 60.8 91.2#

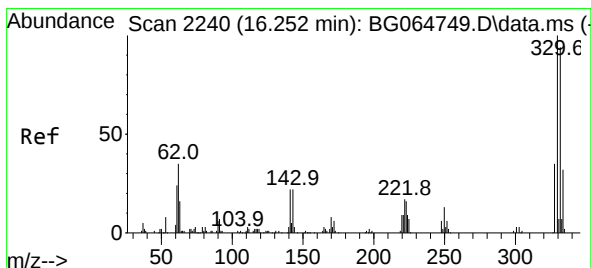
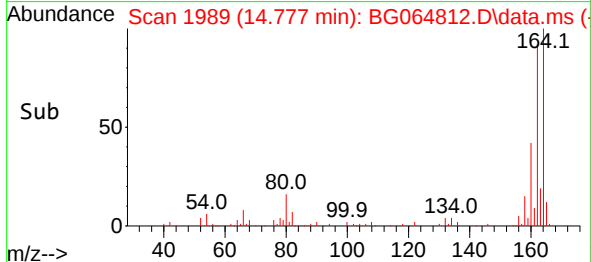
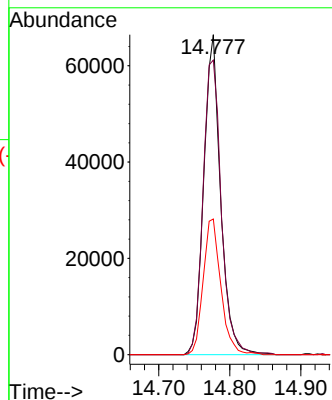
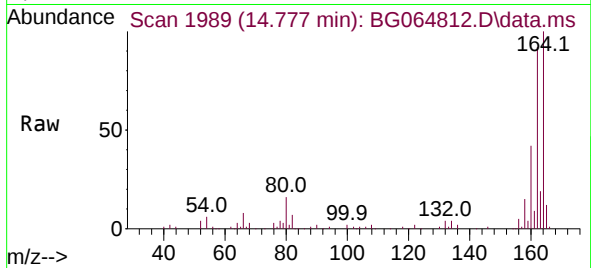




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.777 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BG064812.D
Acq: 19 Nov 2025 12:13

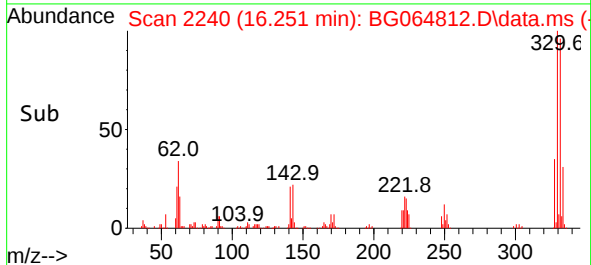
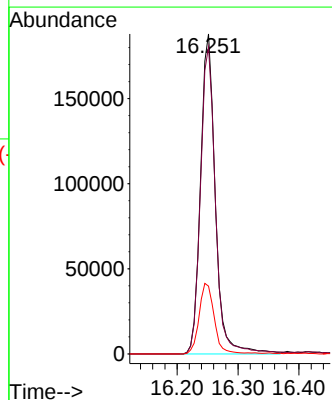
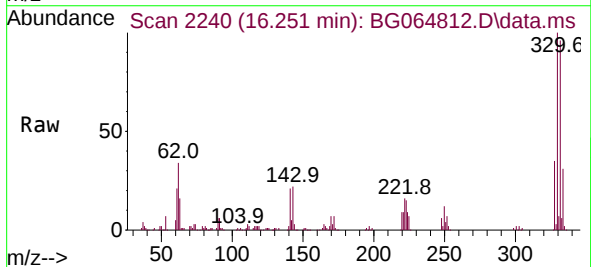
Instrument :
BNA_G
ClientSampleId :
PB170598BL

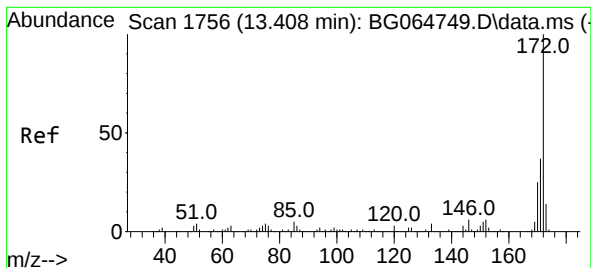
Tgt Ion:164 Resp: 108894
Ion Ratio Lower Upper
164 100
162 92.0 79.8 119.6
160 42.4 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 149.111 ng
RT: 16.251 min Scan# 2240
Delta R.T. -0.000 min
Lab File: BG064812.D
Acq: 19 Nov 2025 12:13

Tgt Ion:330 Resp: 316678
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 22.7 18.2 27.2

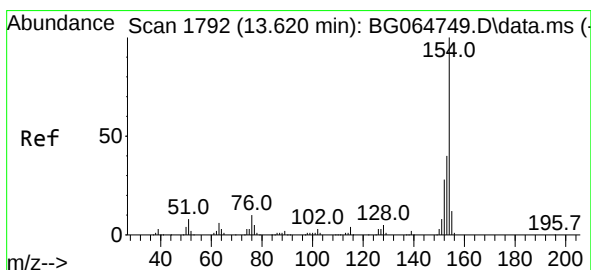
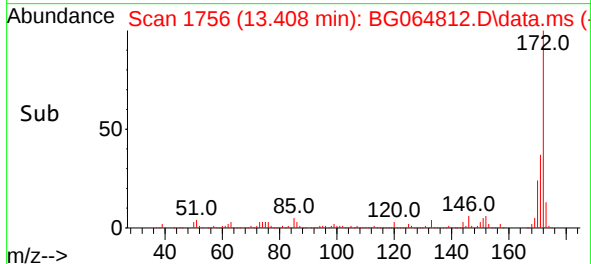
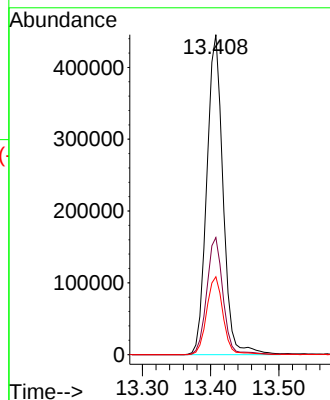
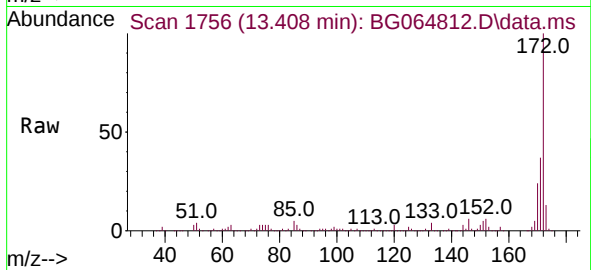




#45
2-Fluorobiphenyl
Concen: 94.420 ng
RT: 13.408 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BG064812.D
Acq: 19 Nov 2025 12:13

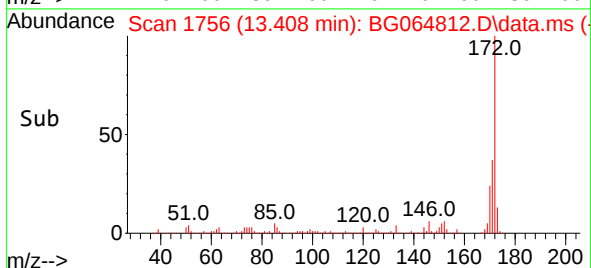
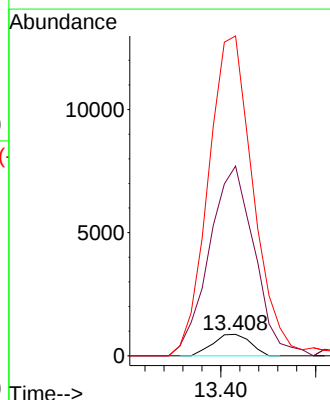
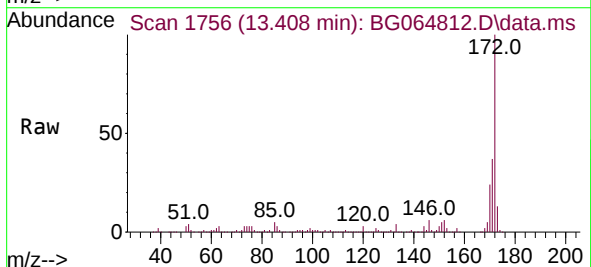
Instrument :
BNA_G
ClientSampleId :
PB170598BL

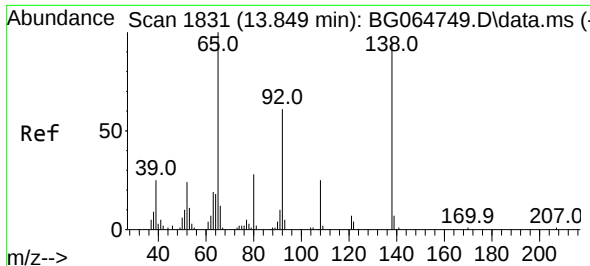
Tgt Ion:172 Resp: 736861
Ion Ratio Lower Upper
172 100
171 36.6 29.9 44.9
170 24.3 19.8 29.6



#46
1,1'-Biphenyl
Concen: 0.154 ng
RT: 13.408 min Scan# 1756
Delta R.T. -0.212 min
Lab File: BG064812.D
Acq: 19 Nov 2025 12:13

Tgt Ion:154 Resp: 1203
Ion Ratio Lower Upper
154 100
153 879.5 19.8 59.8#
76 1482.5 0.0 30.0#

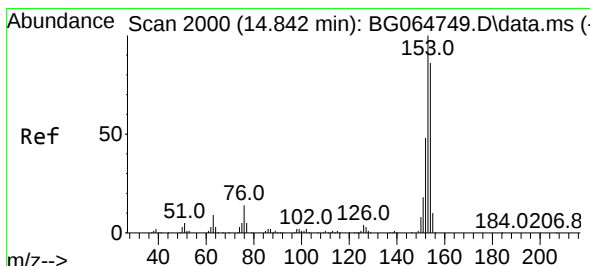
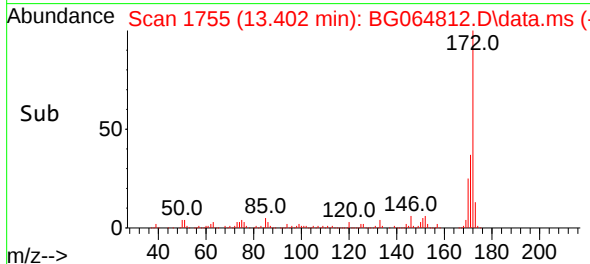
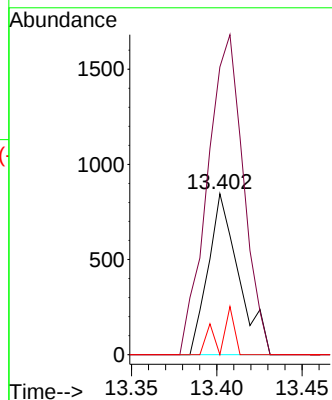
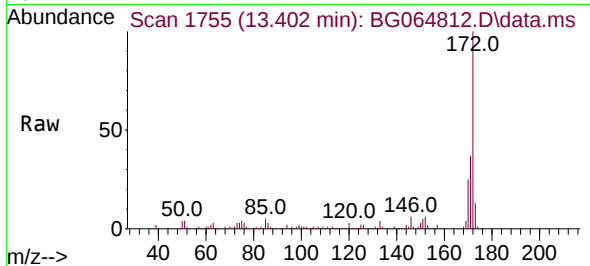




#48
2-Nitroaniline
Concen: 0.531 ng
RT: 13.402 min Scan# 11
Delta R.T. -0.447 min
Lab File: BG064812.D
Acq: 19 Nov 2025 12:13

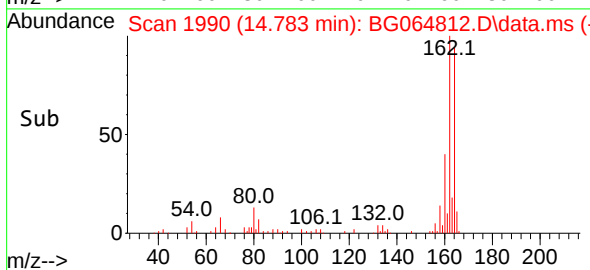
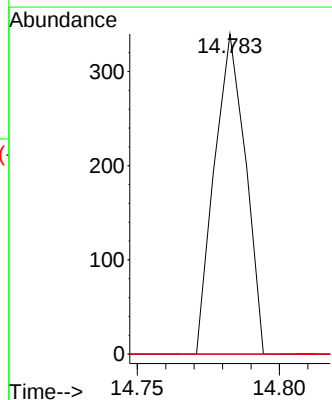
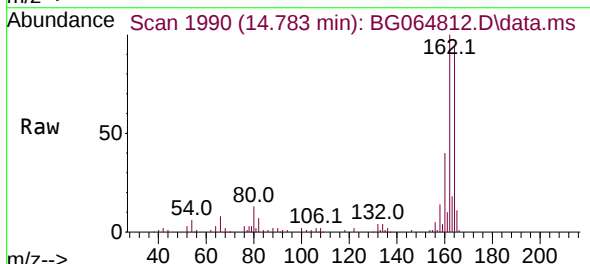
Instrument :
BNA_G
ClientSampleId :
PB170598BL

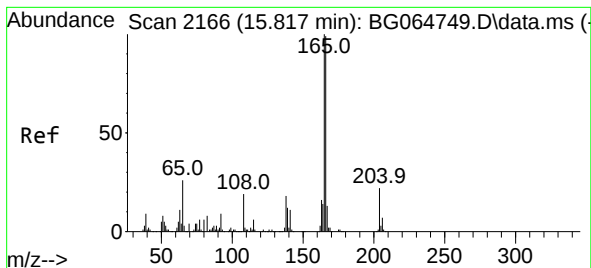
Tgt Ion: 65 Resp: 1053
Ion Ratio Lower Upper
65 100
92 178.7 48.6 73.0#
138 0.0 76.4 114.6#



#52
Acenaphthene
Concen: 0.041 ng
RT: 14.783 min Scan# 1990
Delta R.T. -0.059 min
Lab File: BG064812.D
Acq: 19 Nov 2025 12:13

Tgt Ion: 154 Resp: 258
Ion Ratio Lower Upper
154 100
153 0.0 93.0 139.4#
152 0.0 44.4 66.6#





#58

Fluorene

Concen: 0.959 ng

RT: 16.246 min Scan# 21

Delta R.T. 0.428 min

Lab File: BG064812.D

Acq: 19 Nov 2025 12:13

Instrument :

BNA_G

ClientSampleId :

PB170598BL

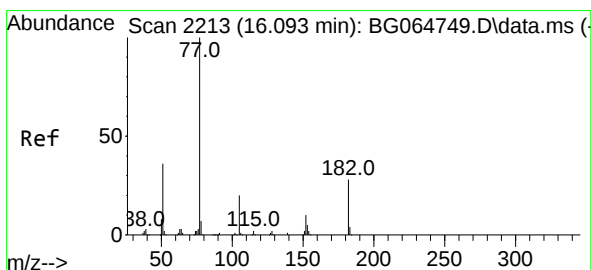
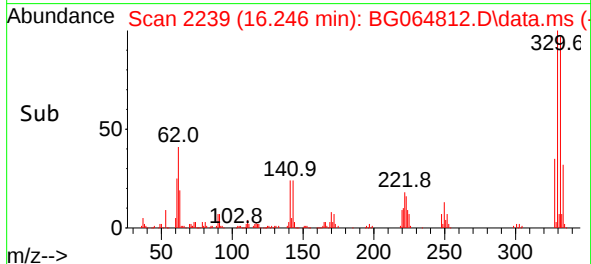
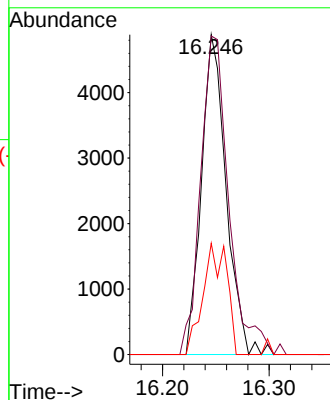
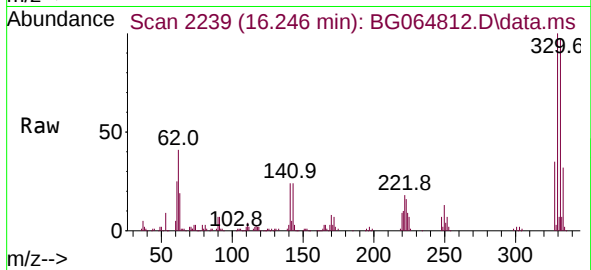
Tgt Ion:166 Resp: 7848

Ion Ratio Lower Upper

166 100

165 99.6 80.5 120.7

167 34.8 10.3 15.5#



#63

Azobenzene

Concen: 0.130 ng

RT: 16.246 min Scan# 2239

Delta R.T. 0.152 min

Lab File: BG064812.D

Acq: 19 Nov 2025 12:13

Tgt Ion: 77 Resp: 893

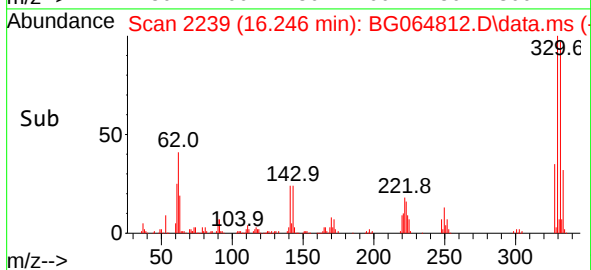
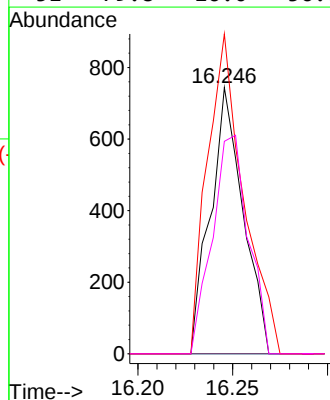
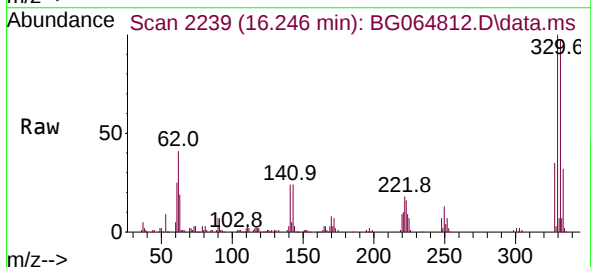
Ion Ratio Lower Upper

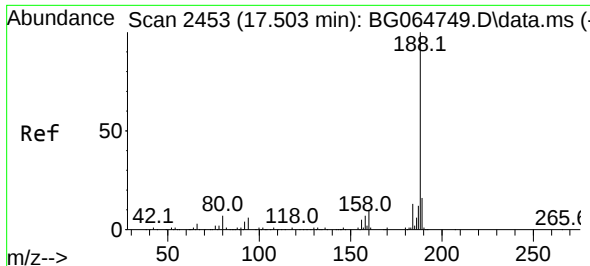
77 100

182 0.0 8.1 48.1#

105 120.2 0.1 40.1#

51 79.8 16.0 56.0#

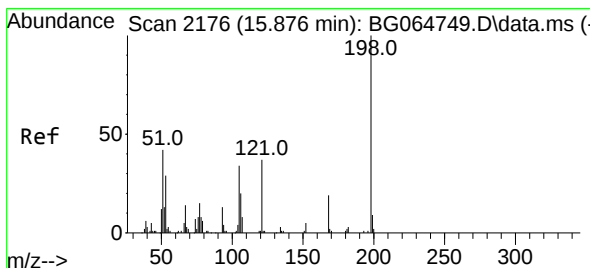
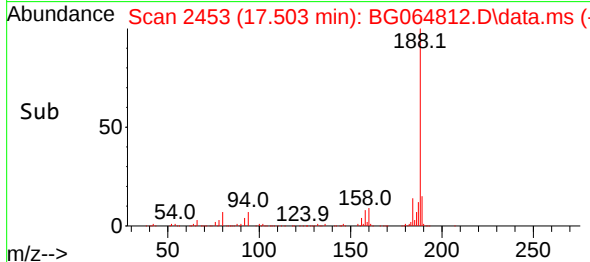
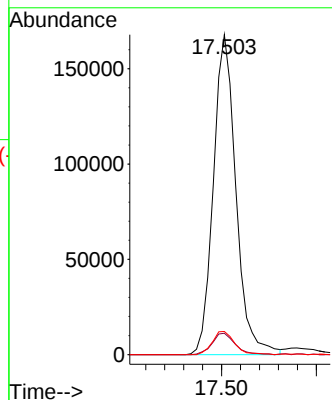
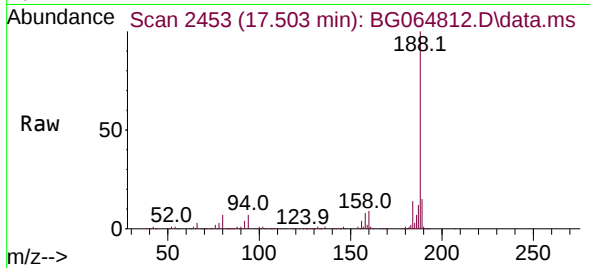




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.503 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG064812.D
Acq: 19 Nov 2025 12:13

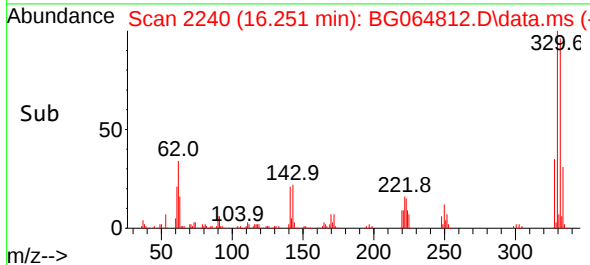
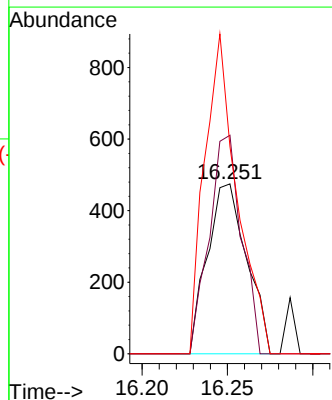
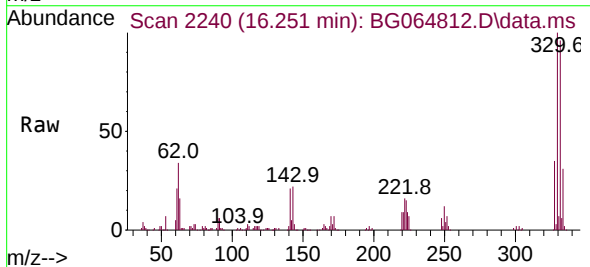
Instrument :
BNA_G
ClientSampleId :
PB170598BL

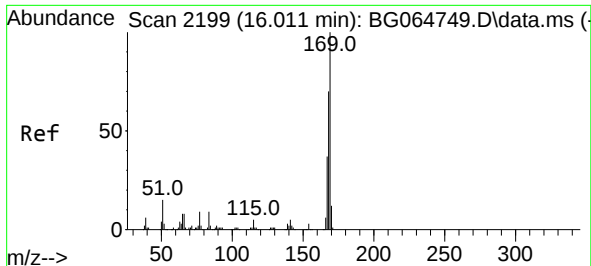
Tgt Ion:188 Resp: 277639
Ion Ratio Lower Upper
188 100
94 6.7 4.7 7.1
80 7.2 5.4 8.2



#65
4,6-Dinitro-2-methylphenol
Concen: 0.496 ng
RT: 16.251 min Scan# 2240
Delta R.T. 0.376 min
Lab File: BG064812.D
Acq: 19 Nov 2025 12:13

Tgt Ion:198 Resp: 765
Ion Ratio Lower Upper
198 100
51 128.6 25.2 65.2#
105 121.9 14.2 54.2#

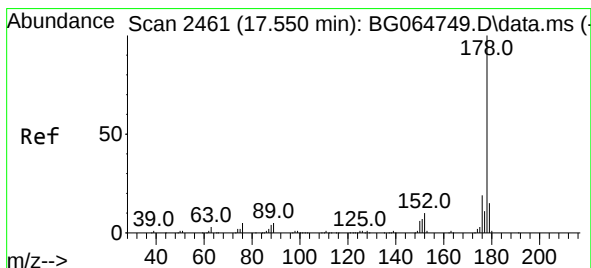
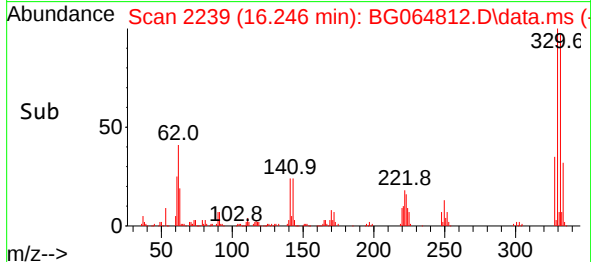
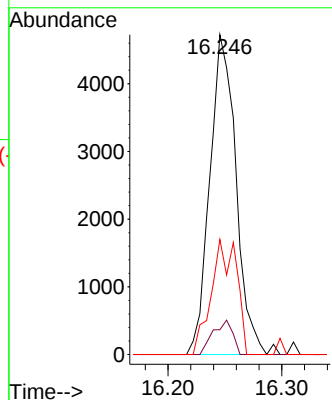
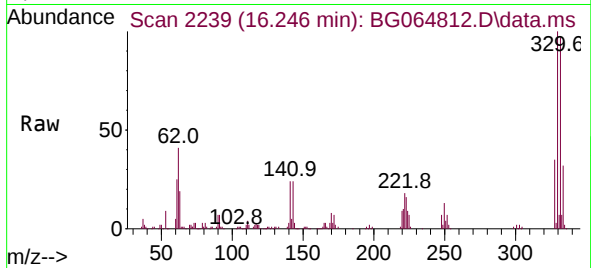




#66
 n-Nitrosodiphenylamine
 Concen: 1.043 ng
 RT: 16.246 min Scan# 2199
 Delta R.T. 0.235 min
 Lab File: BG064812.D
 Acq: 19 Nov 2025 12:13

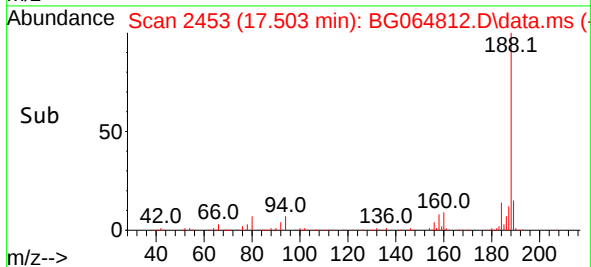
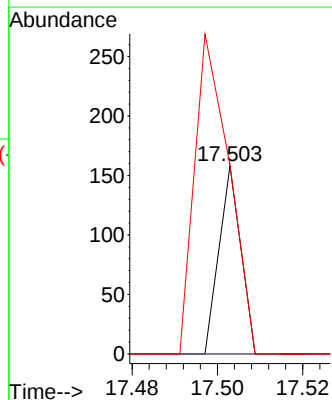
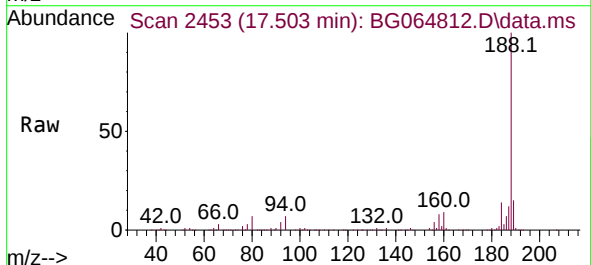
Instrument :
 BNA_G
 ClientSampleId :
 PB170598BL

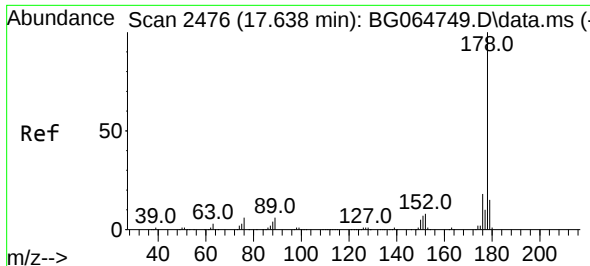
Tgt Ion:169 Resp: 7583
 Ion Ratio Lower Upper
 169 100
 168 7.8 55.9 83.9#
 167 36.0 29.8 44.6



#71
 Phenanthrene
 Concen: 0.004 ng
 RT: 17.503 min Scan# 2453
 Delta R.T. -0.047 min
 Lab File: BG064812.D
 Acq: 19 Nov 2025 12:13

Tgt Ion:178 Resp: 56
 Ion Ratio Lower Upper
 178 100
 176 0.0 14.8 22.2#
 179 100.6 12.2 18.4#

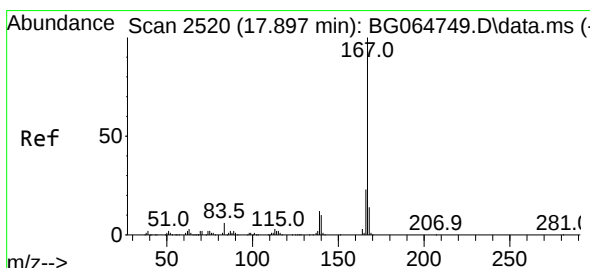
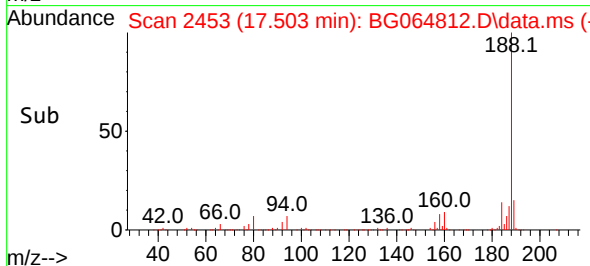
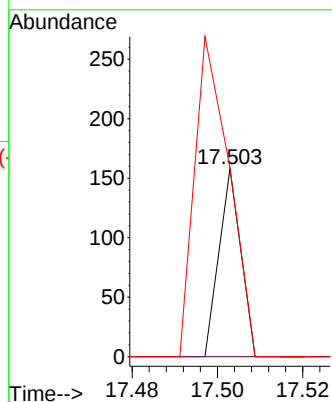
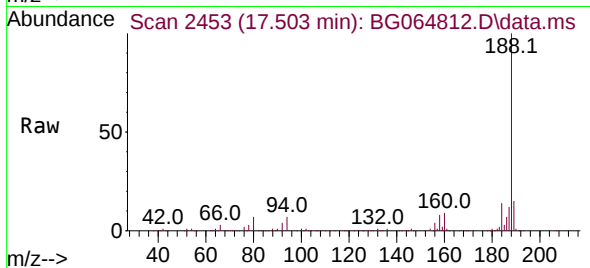




#72
 Anthracene
 Concen: 0.004 ng
 RT: 17.503 min Scan# 24
 Delta R.T. -0.136 min
 Lab File: BG064812.D
 Acq: 19 Nov 2025 12:13

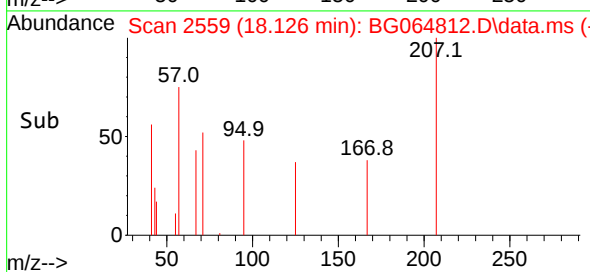
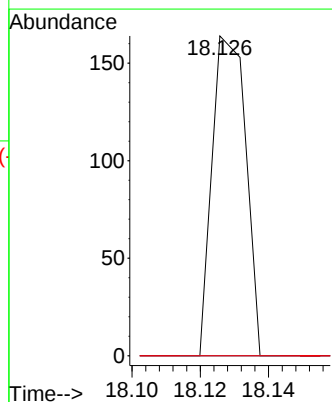
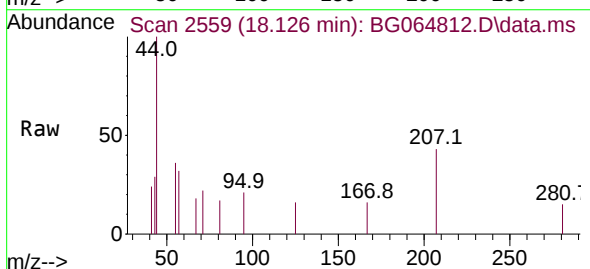
Instrument :
 BNA_G
 ClientSampleId :
 PB170598BL

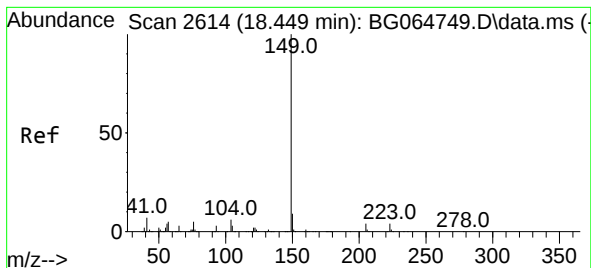
Tgt Ion:178 Resp: 56
 Ion Ratio Lower Upper
 178 100
 176 0.0 14.5 21.7#
 179 100.6 12.2 18.4#



#73
 Carbazole
 Concen: 0.008 ng
 RT: 18.126 min Scan# 2559
 Delta R.T. 0.229 min
 Lab File: BG064812.D
 Acq: 19 Nov 2025 12:13

Tgt Ion:167 Resp: 112
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.0 27.0#
 139 0.0 9.7 14.5#





#74

Di-n-butylphthalate

Concen: 0.005 ng

RT: 18.455 min Scan# 20

Delta R.T. 0.005 min

Lab File: BG064812.D

Acq: 19 Nov 2025 12:13

Instrument :

BNA_G

ClientSampleId :

PB170598BL

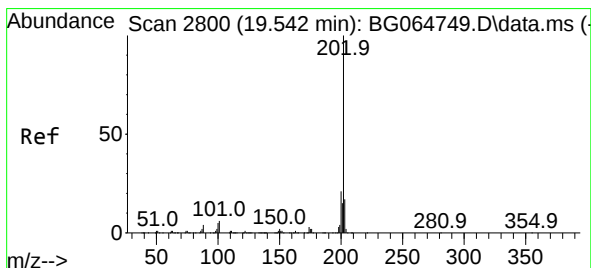
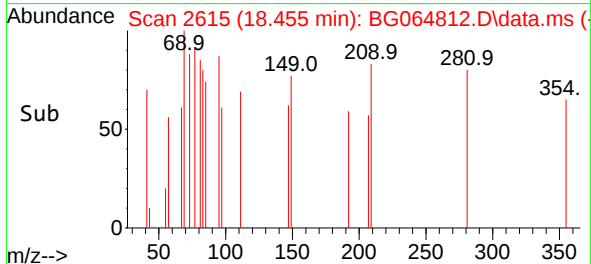
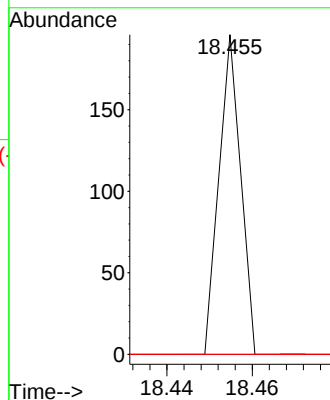
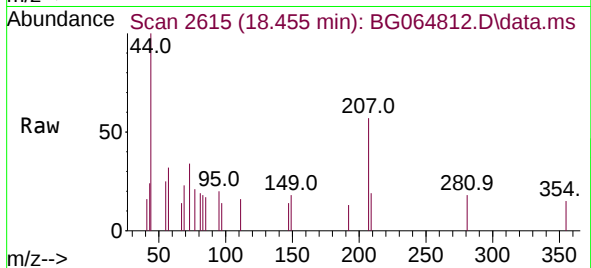
Tgt Ion:149 Resp: 69

Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

104 0.0 4.4 6.6#



#75

Fluoranthene

Concen: 0.004 ng

RT: 19.530 min Scan# 2798

Delta R.T. -0.012 min

Lab File: BG064812.D

Acq: 19 Nov 2025 12:13

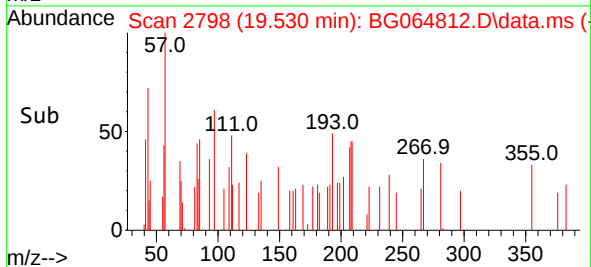
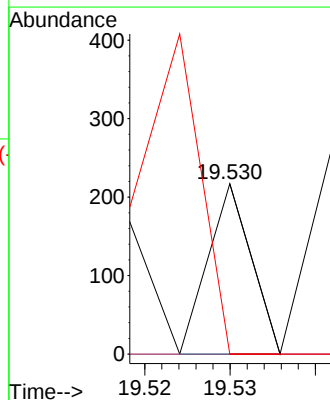
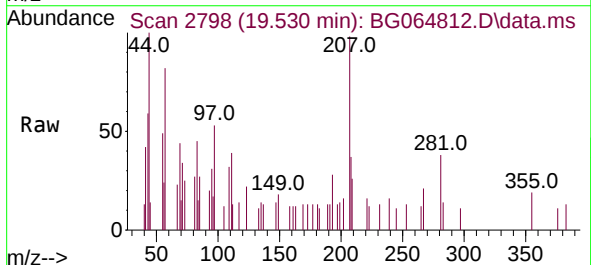
Tgt Ion:202 Resp: 76

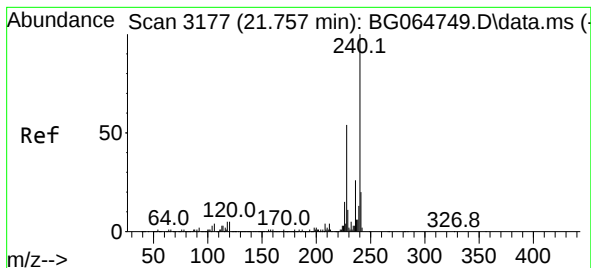
Ion Ratio Lower Upper

202 100

101 0.0 0.0 26.4

203 0.0 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.751 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG064812.D

Acq: 19 Nov 2025 12:13

Instrument :

BNA_G

ClientSampleId :

PB170598BL

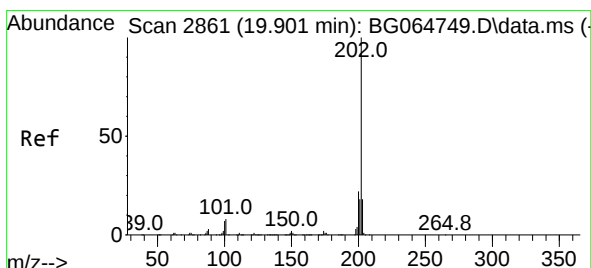
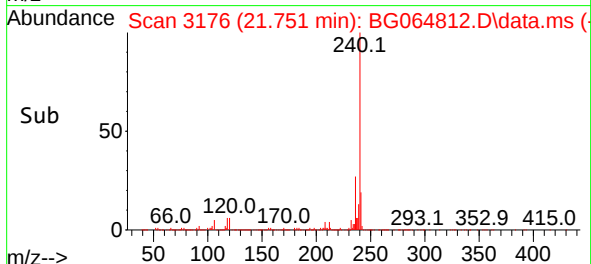
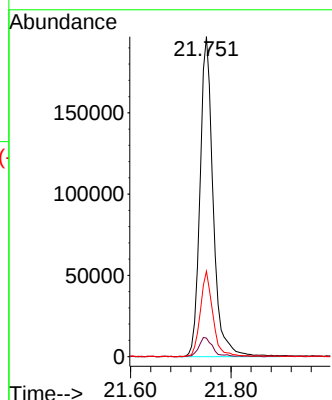
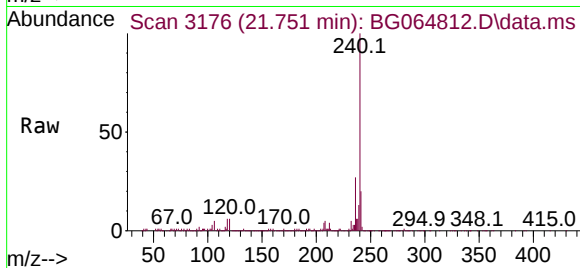
Tgt Ion:240 Resp: 358066

Ion Ratio Lower Upper

240 100

120 5.8 4.2 6.4

236 26.7 20.8 31.2



#78

Pyrene

Concen: 0.014 ng

RT: 19.906 min Scan# 2862

Delta R.T. 0.005 min

Lab File: BG064812.D

Acq: 19 Nov 2025 12:13

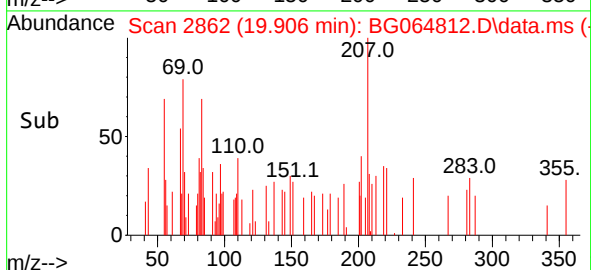
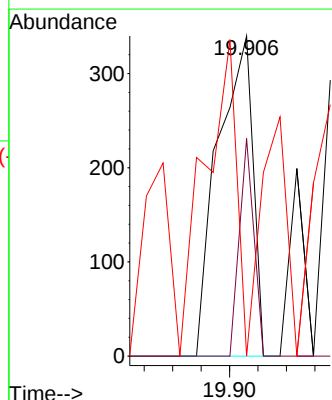
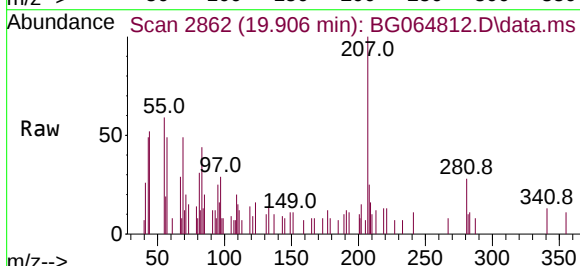
Tgt Ion:202 Resp: 290

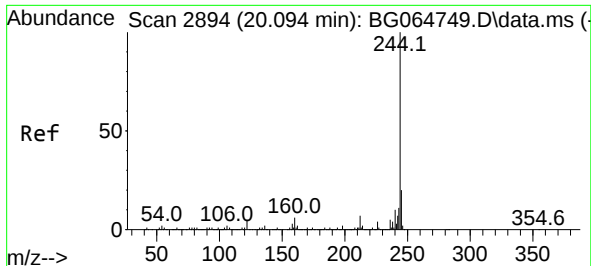
Ion Ratio Lower Upper

202 100

200 67.9 17.9 26.9#

203 0.0 14.0 21.0#

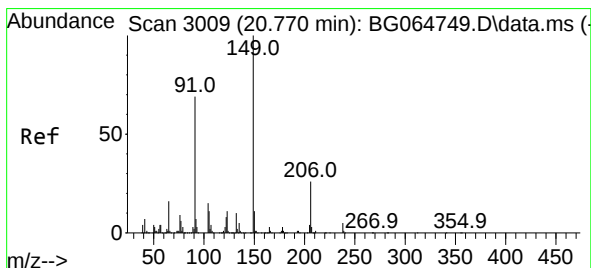
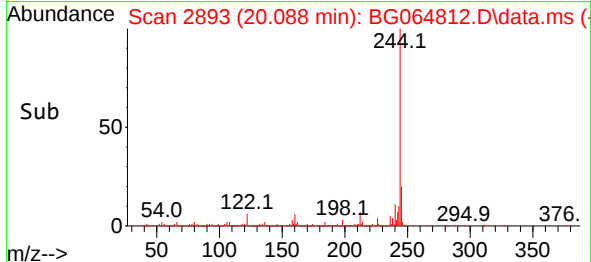
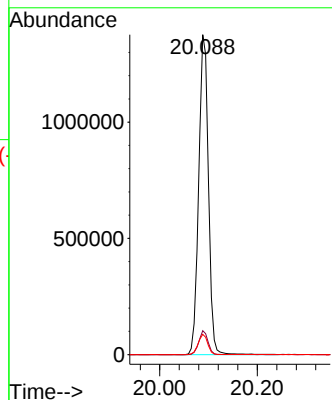
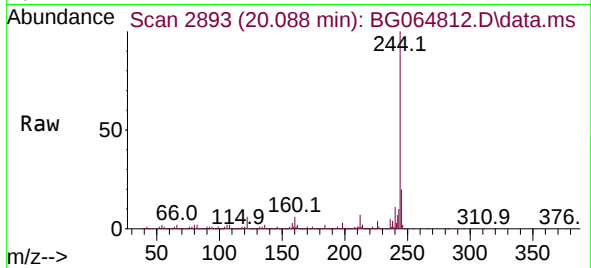




#79
 Terphenyl-d14
 Concen: 103.776 ng
 RT: 20.088 min Scan# 2893
 Delta R.T. -0.006 min
 Lab File: BG064812.D
 Acq: 19 Nov 2025 12:13

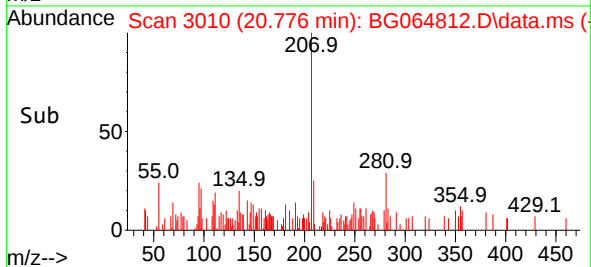
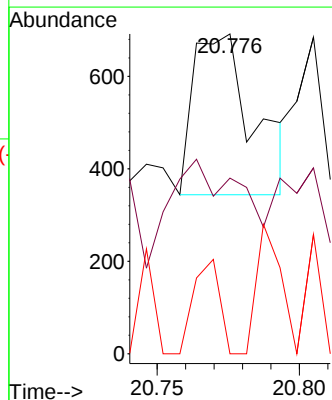
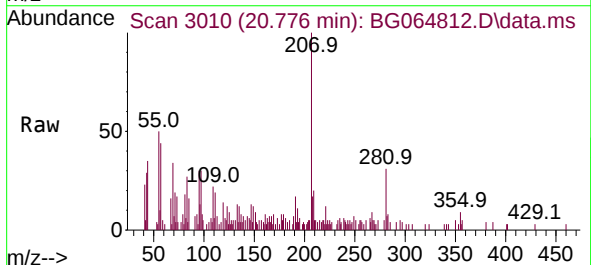
Instrument :
 BNA_G
 ClientSampleId :
 PB170598BL

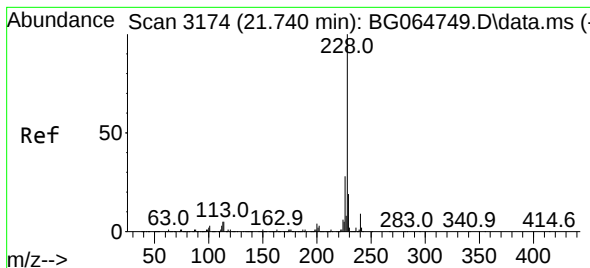
Tgt Ion:244 Resp: 1889008
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 6.3 4.3 6.5



#80
 Butylbenzylphthalate
 Concen: 0.072 ng
 RT: 20.776 min Scan# 3010
 Delta R.T. 0.005 min
 Lab File: BG064812.D
 Acq: 19 Nov 2025 12:13

Tgt Ion:149 Resp: 506
 Ion Ratio Lower Upper
 149 100
 91 54.9 54.9 82.3
 206 0.0 21.2 31.8#





#81

Benzo(a)anthracene

Concen: 0.075 ng

RT: 21.751 min Scan# 3176

Delta R.T. 0.011 min

Lab File: BG064812.D

Acq: 19 Nov 2025 12:13

Instrument :

BNA_G

ClientSampleId :

PB170598BL

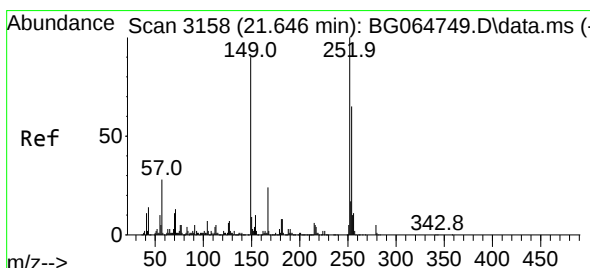
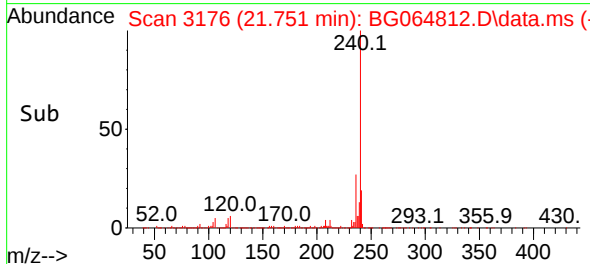
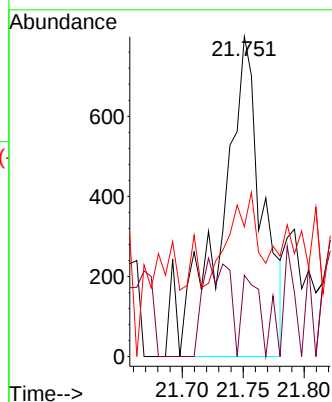
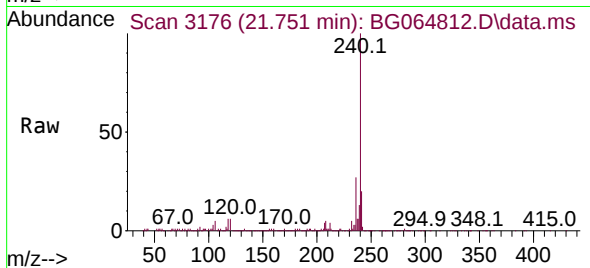
Tgt Ion:228 Resp: 1833

Ion Ratio Lower Upper

228 100

226 25.4 22.1 33.1

229 40.6 15.5 23.3#



#82

3,3'-Dichlorobenzidine

Concen: 0.037 ng

RT: 21.622 min Scan# 3154

Delta R.T. -0.024 min

Lab File: BG064812.D

Acq: 19 Nov 2025 12:13

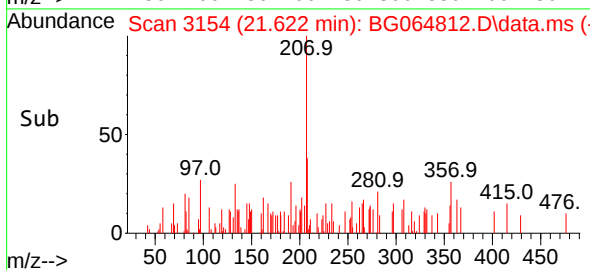
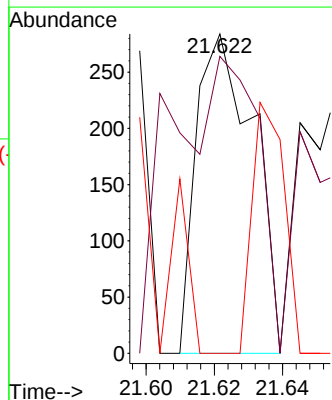
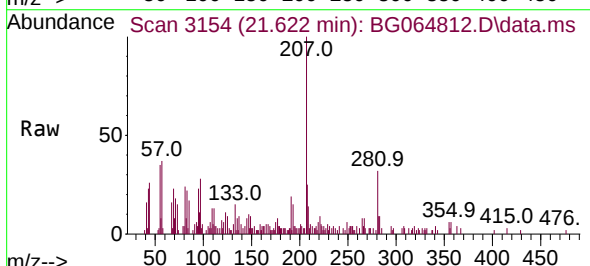
Tgt Ion:252 Resp: 331

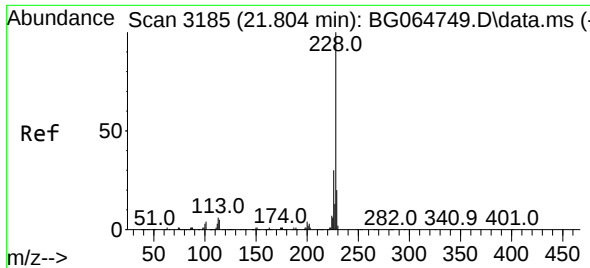
Ion Ratio Lower Upper

252 100

254 93.0 51.8 77.8#

126 0.0 4.7 7.1#





#83

Chrysene

Concen: 0.011 ng

RT: 21.821 min Scan# 3188

Delta R.T. 0.017 min

Lab File: BG064812.D

Acq: 19 Nov 2025 12:13

Instrument :

BNA_G

ClientSampleId :

PB170598BL

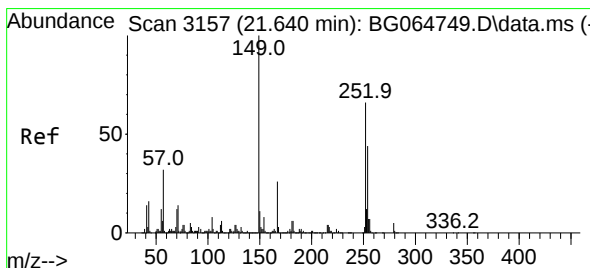
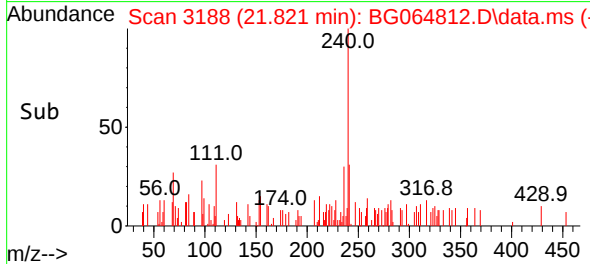
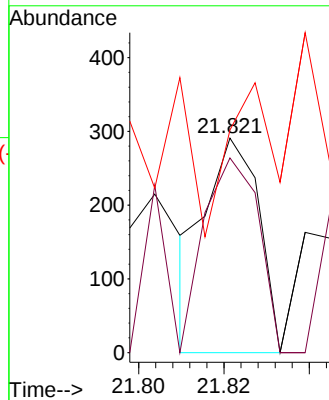
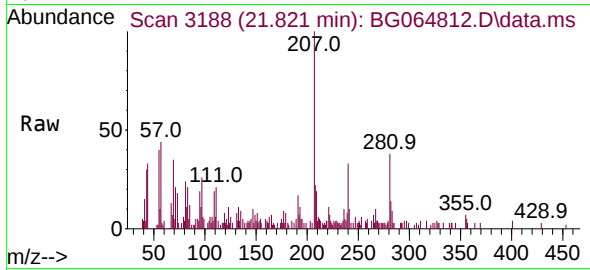
Tgt Ion:228 Resp: 251

Ion Ratio Lower Upper

228 100

226 90.7 24.2 36.2#

229 103.8 16.0 24.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.052 ng

RT: 21.633 min Scan# 3156

Delta R.T. -0.006 min

Lab File: BG064812.D

Acq: 19 Nov 2025 12:13

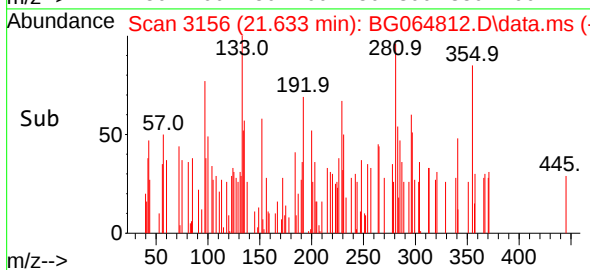
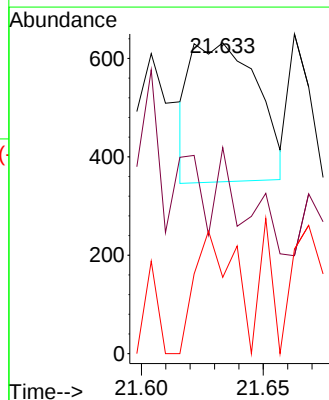
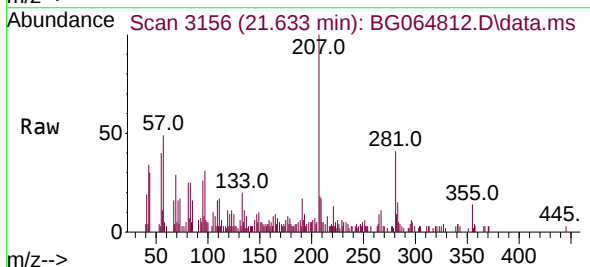
Tgt Ion:149 Resp: 536

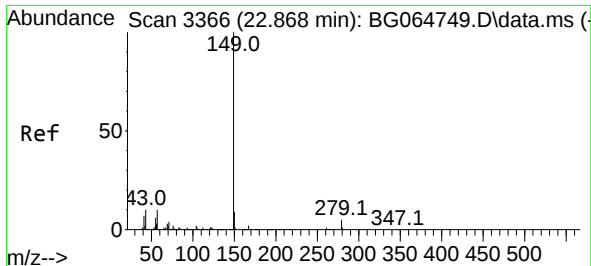
Ion Ratio Lower Upper

149 100

167 66.3 21.0 31.4#

279 24.5 4.1 6.1#

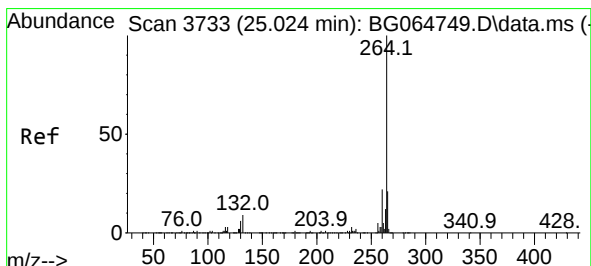
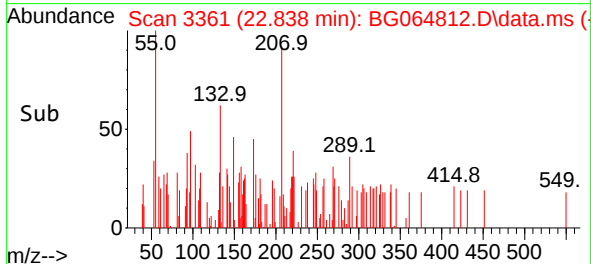
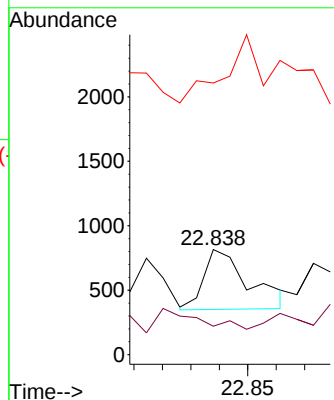
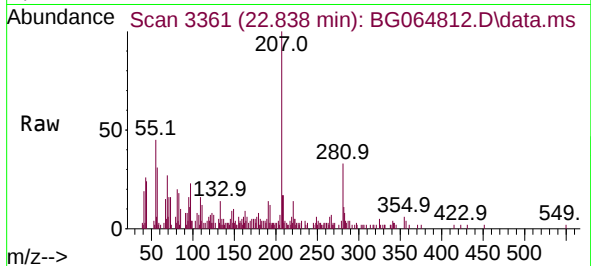




#85
Di-n-octyl phthalate
Concen: 0.029 ng
RT: 22.838 min Scan# 3366
Delta R.T. -0.030 min
Lab File: BG064812.D
Acq: 19 Nov 2025 12:13

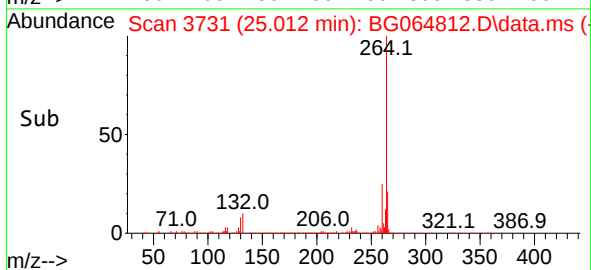
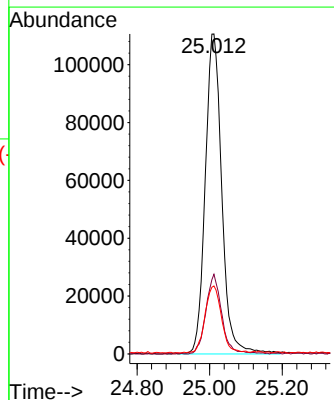
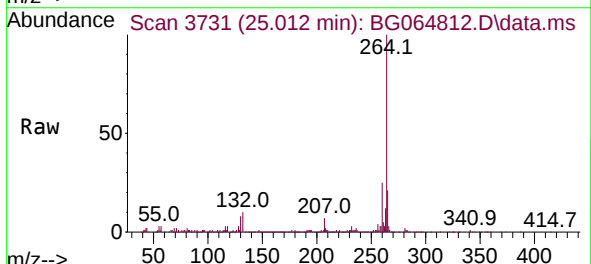
Instrument :
BNA_G
ClientSampleId :
PB170598BL

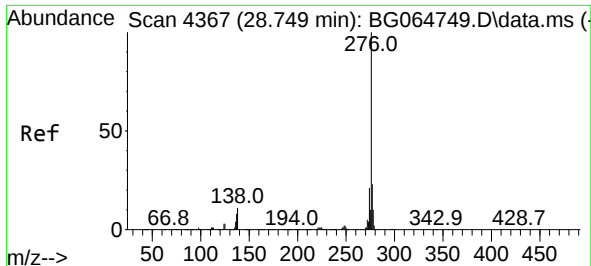
Tgt Ion:149 Resp: 513
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 8.3 12.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.012 min Scan# 3731
Delta R.T. -0.012 min
Lab File: BG064812.D
Acq: 19 Nov 2025 12:13

Tgt Ion:264 Resp: 349744
Ion Ratio Lower Upper
264 100
260 24.9 17.2 25.8
265 21.2 16.6 25.0

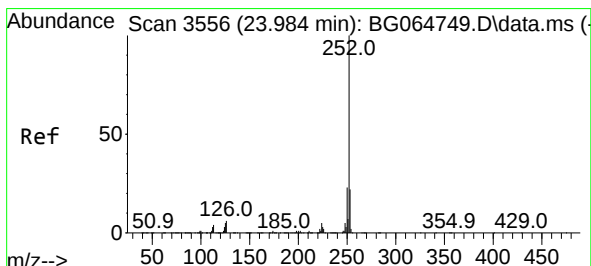
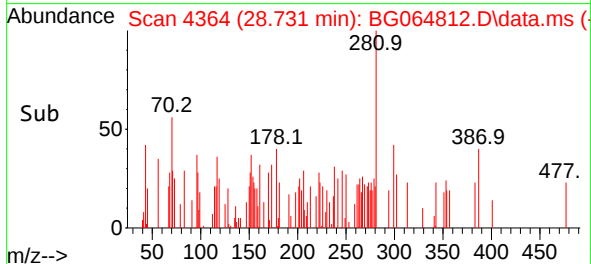
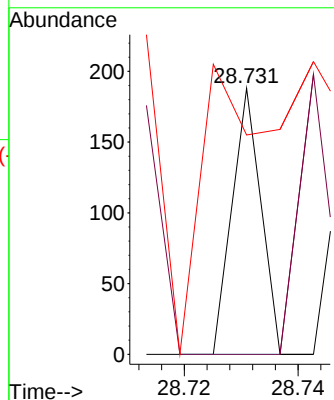
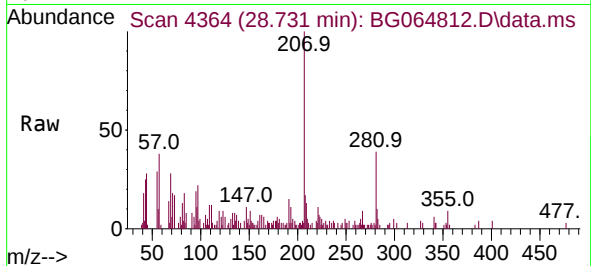




#87
Indeno(1,2,3-cd)pyrene
Concen: 0.003 ng
RT: 28.731 min Scan# 4367
Delta R.T. -0.018 min
Lab File: BG064812.D
Acq: 19 Nov 2025 12:13

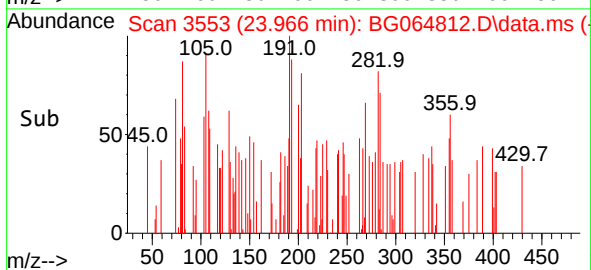
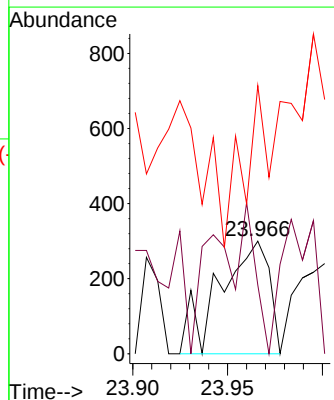
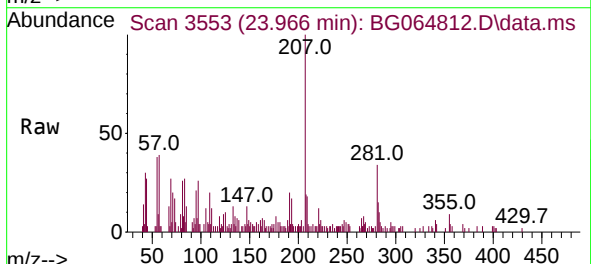
Instrument :
BNA_G
ClientSampleId :
PB170598BL

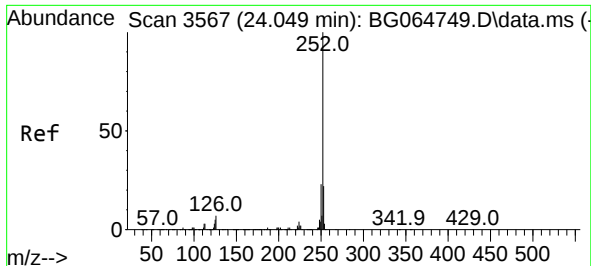
Tgt Ion:276 Resp: 66
Ion Ratio Lower Upper
276 100
138 0.0 4.5 6.7#
277 0.0 20.0 30.0#



#88
Benzo(b)fluoranthene
Concen: 0.025 ng
RT: 23.966 min Scan# 3553
Delta R.T. -0.018 min
Lab File: BG064812.D
Acq: 19 Nov 2025 12:13

Tgt Ion:252 Resp: 546
Ion Ratio Lower Upper
252 100
253 61.0 17.4 26.2#
125 238.0 4.2 6.2#

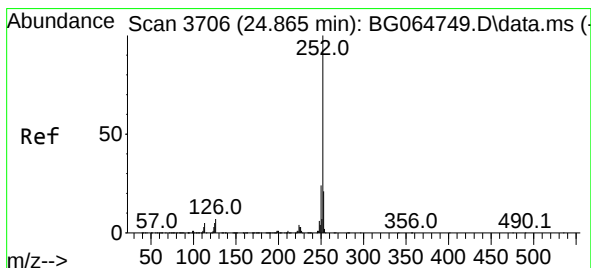
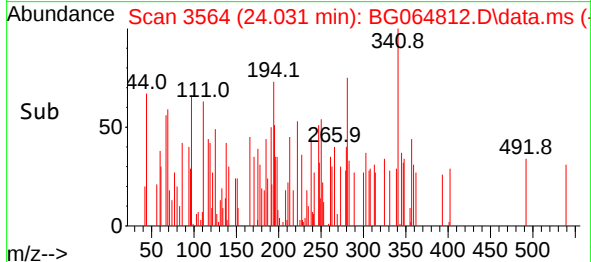
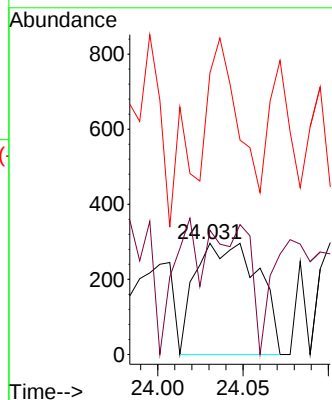
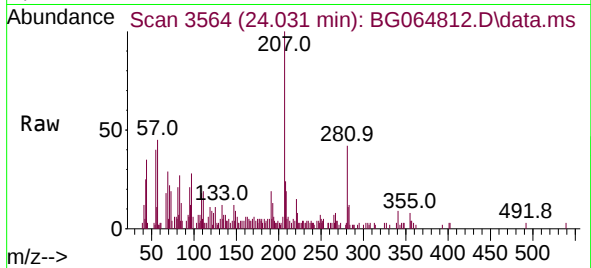




#89
Benzo(k)fluoranthene
Concen: 0.034 ng
RT: 24.031 min Scan# 31
Delta R.T. -0.018 min
Lab File: BG064812.D
Acq: 19 Nov 2025 12:13

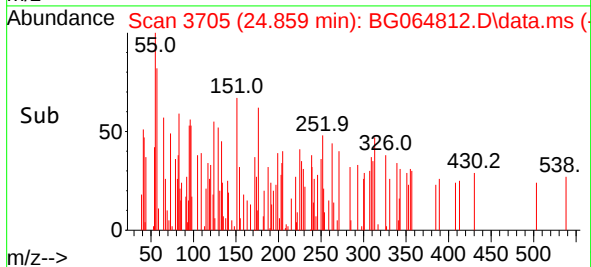
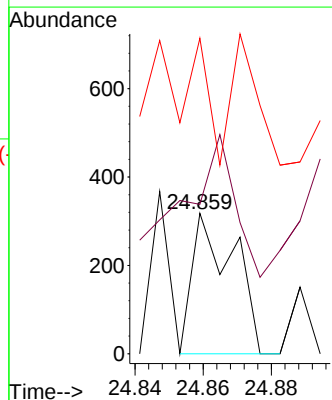
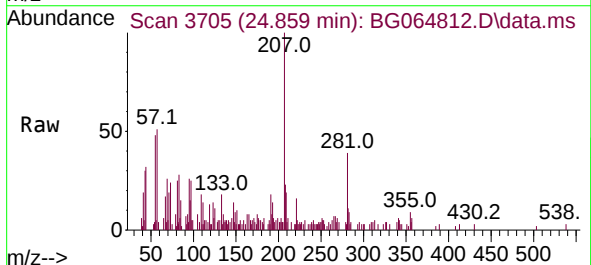
Instrument :
BNA_G
ClientSampleId :
PB170598BL

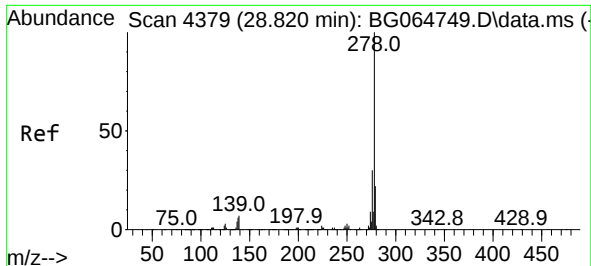
Tgt Ion:252 Resp: 763
Ion Ratio Lower Upper
252 100
253 111.8 17.8 26.8#
125 253.4 4.1 6.1#



#90
Benzo(a)pyrene
Concen: 0.013 ng
RT: 24.859 min Scan# 3705
Delta R.T. -0.006 min
Lab File: BG064812.D
Acq: 19 Nov 2025 12:13

Tgt Ion:252 Resp: 268
Ion Ratio Lower Upper
252 100
253 106.3 16.9 25.3#
125 224.5 4.2 6.4#

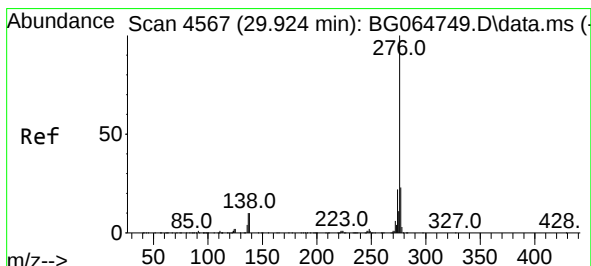
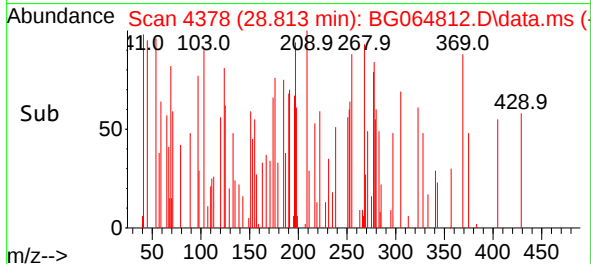
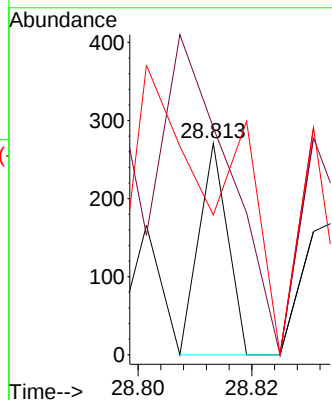
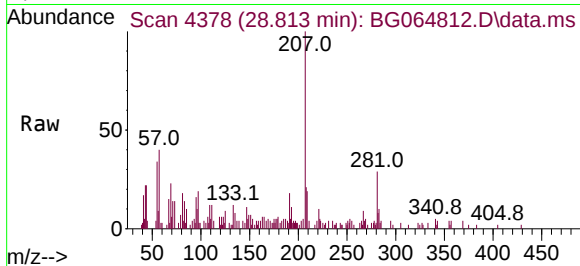




#91
 Dibenzo(a,h)anthracene
 Concen: 0.005 ng
 RT: 28.813 min Scan# 4379
 Delta R.T. -0.006 min
 Lab File: BG064812.D
 Acq: 19 Nov 2025 12:13

Instrument :
 BNA_G
 ClientSampleId :
 PB170598BL

Tgt Ion:	278	Resp:	96
Ion Ratio	Lower	Upper	
278	100		
139	107.4	5.8	8.8#
279	66.1	17.3	25.9#



#92
 Benzo(g,h,i)perylene
 Concen: 0.003 ng
 RT: 29.918 min Scan# 4566
 Delta R.T. -0.006 min
 Lab File: BG064812.D
 Acq: 19 Nov 2025 12:13

Tgt Ion:	276	Resp:	60
Ion Ratio	Lower	Upper	
276	100		
277	125.1	18.0	27.0#
138	114.0	8.2	12.2#

