

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020625\
 Data File : BG064019.D
 Acq On : 6 Feb 2025 15:59
 Operator : RC/JU
 Sample : PB166014BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB166014BL

Quant Time: Feb 06 17:13:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 04 02:51:00 2025
 Response via : Initial Calibration

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

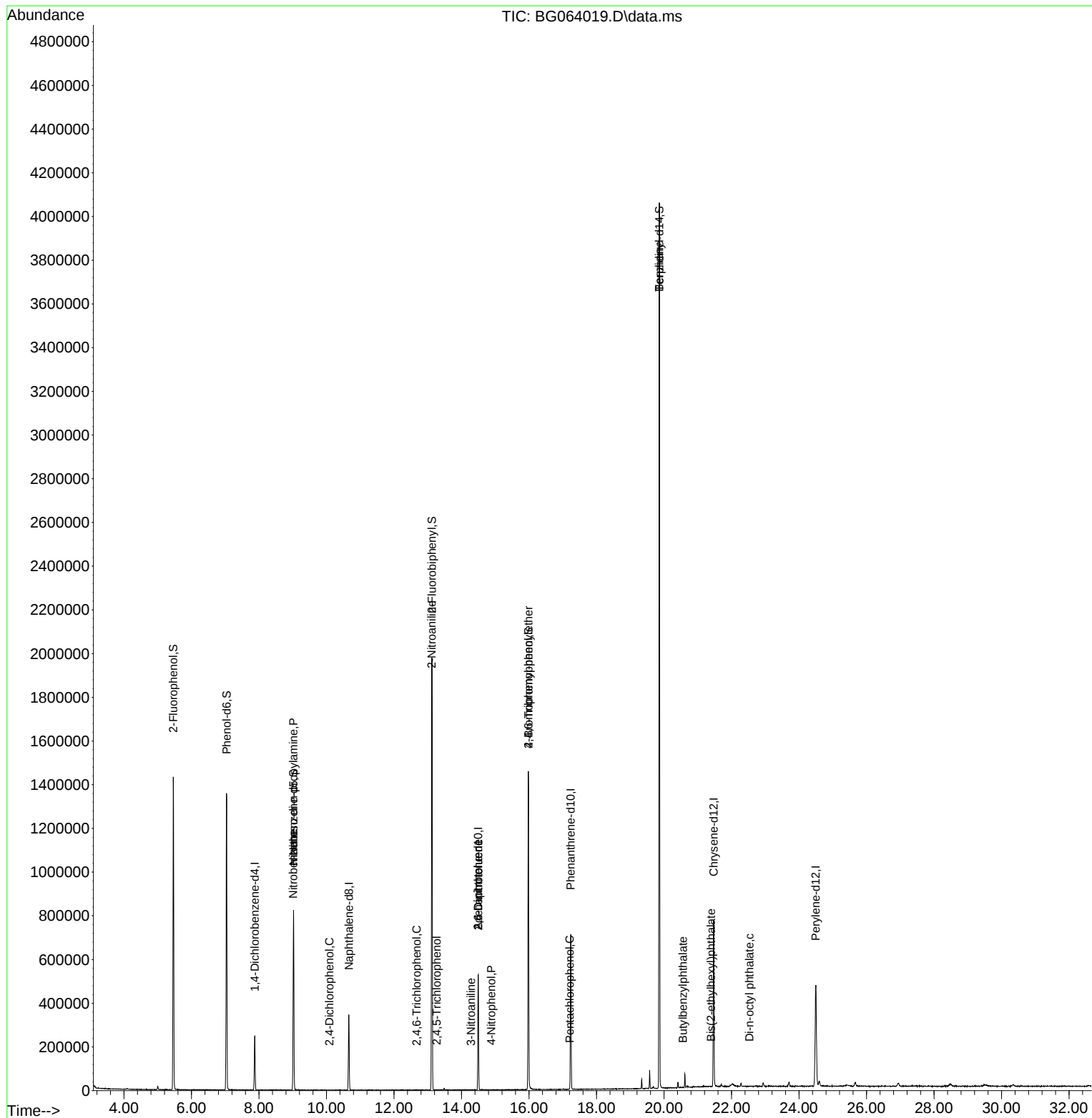
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	64149	20.000	ng	0.00
21) Naphthalene-d8	10.661	136	270844	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	178099	20.000	ng	0.00
64) Phenanthrene-d10	17.236	188	411082	20.000	ng	0.00
76) Chrysene-d12	21.472	240	455051	20.000	ng	0.00
86) Perylene-d12	24.498	264	470441	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.461	112	559099	139.739	ng	0.00
7) Phenol-d6	7.042	99	722224	131.536	ng	0.00
23) Nitrobenzene-d5	9.022	82	453726	101.813	ng	0.00
42) 2,4,6-Tribromophenol	15.984	330	263841	128.431	ng	0.00
45) 2-Fluorobiphenyl	13.123	172	1006372	86.576	ng	0.00
79) Terphenyl-d14	19.862	244	2005888	92.060	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.022	70	58129	15.288	ng	# 84
24) Nitrobenzene	9.016	77	1364	4.069	ng	# 42
29) 2,4-Dichlorophenol	10.085	162	65	3.895	ng	# 25
43) 2,4,6-Trichlorophenol	12.670	196	54	4.913	ng	# 11
44) 2,4,5-Trichlorophenol	13.264	196	96	3.964	ng	# 14
48) 2-Nitroaniline	13.117	65	1884	5.044	ng	# 1
51) 2,6-Dinitrotoluene	14.498	165	24868	15.729	ng	# 16
53) 3-Nitroaniline	14.280	138	100	5.368	ng	# 1
56) 4-Nitrophenol	14.880	139	77	8.465	ng	# 43
57) 2,4-Dinitrotoluene	14.498	165	24868	13.679	ng	# 19
67) 4-Bromophenyl-phenylether	15.984	248	17062	4.170	ng	# 1
70) Pentachlorophenol	17.206	266	55	8.706	ng	# 17
77) Benzidine	19.862	184	29553	3.050	ng	# 93
80) Butylbenzylphthalate	20.561	149	60	5.562	ng	# 19
84) Bis(2-ethylhexyl)phtha...	21.395	149	364	4.489	ng	# 52
85) Di-n-octyl phthalate	22.529	149	521	6.959	ng	# 48

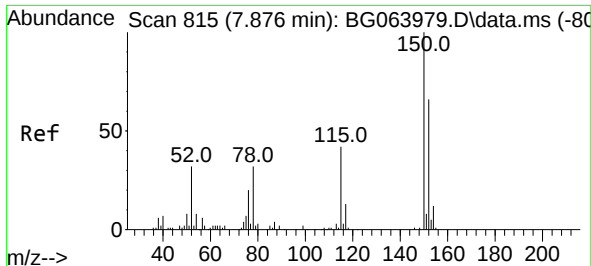
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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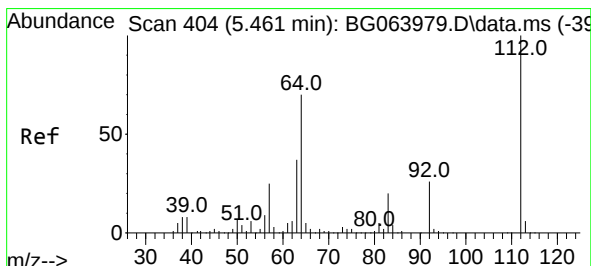
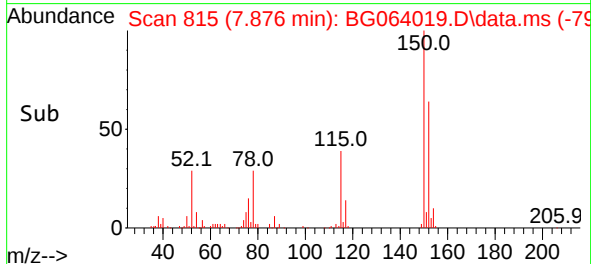
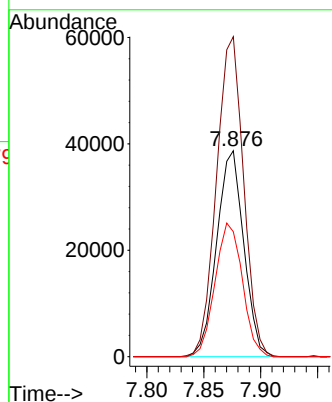
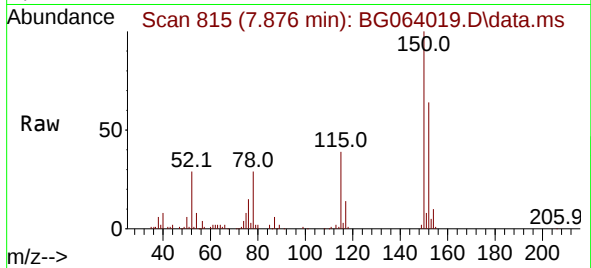




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.876 min Scan# 815
Delta R.T. -0.000 min
Lab File: BG064019.D
Acq: 6 Feb 2025 15:59

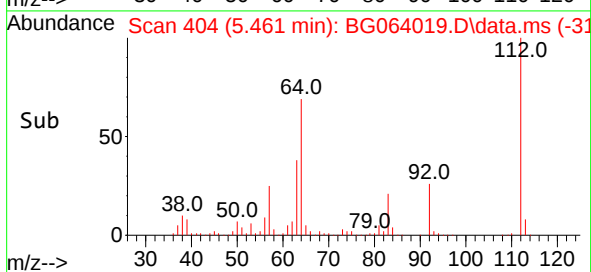
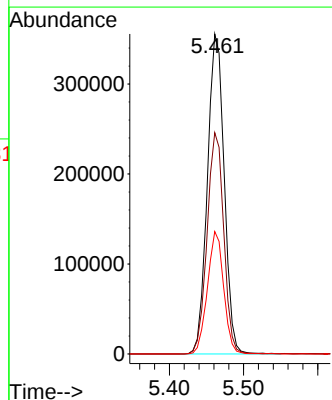
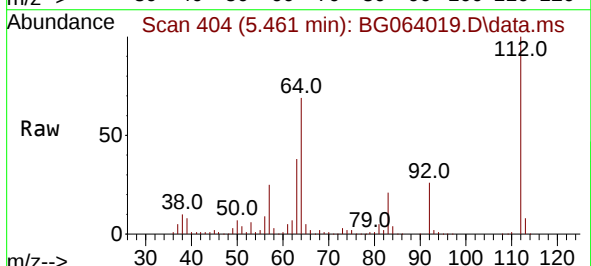
Instrument :
BNA_G
ClientSampleId :
PB166014BL

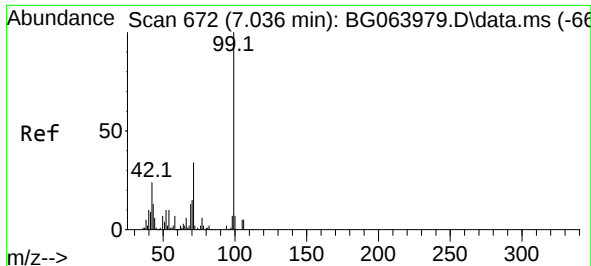
Tgt Ion:152 Resp: 64149
Ion Ratio Lower Upper
152 100
150 155.4 121.0 181.6
115 60.6 50.4 75.6



#5
2-Fluorophenol
Concen: 139.739 ng
RT: 5.461 min Scan# 404
Delta R.T. -0.000 min
Lab File: BG064019.D
Acq: 6 Feb 2025 15:59

Tgt Ion:112 Resp: 559099
Ion Ratio Lower Upper
112 100
64 69.2 55.8 83.8
63 38.2 29.3 43.9

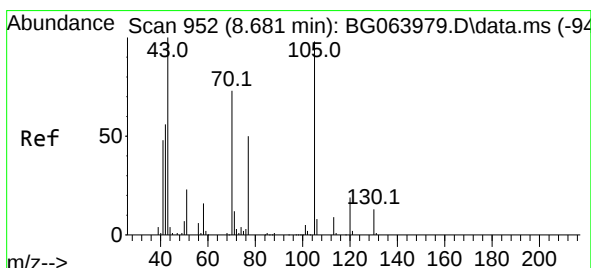
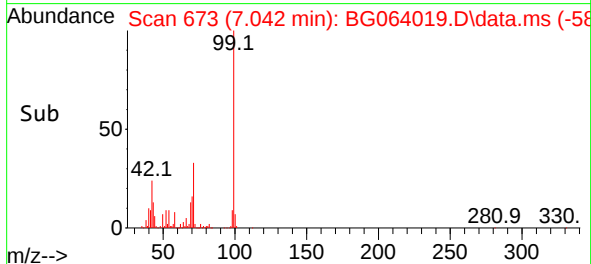
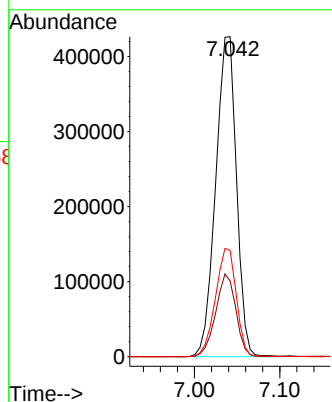
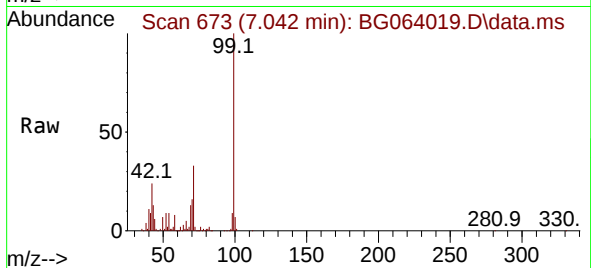




#7
Phenol-d6
Concen: 131.536 ng
RT: 7.042 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG064019.D
Acq: 6 Feb 2025 15:59

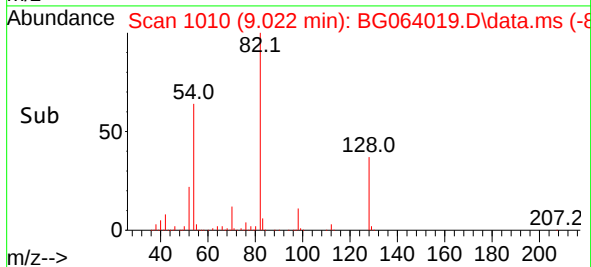
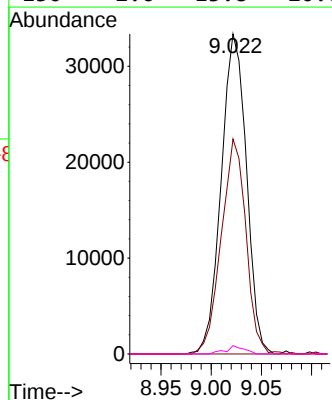
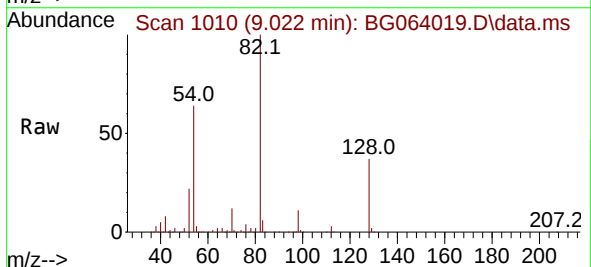
Instrument :
BNA_G
ClientSampleId :
PB166014BL

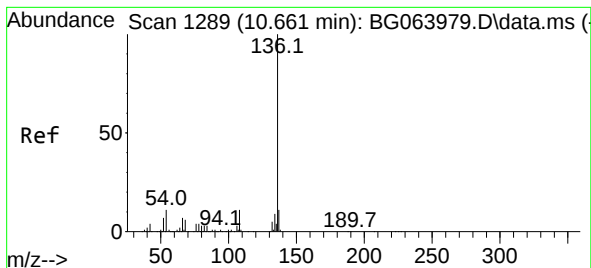
Tgt Ion: 99 Resp: 722224
Ion Ratio Lower Upper
99 100
42 23.6 18.9 28.3
71 33.2 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.288 ng
RT: 9.022 min Scan# 1010
Delta R.T. 0.340 min
Lab File: BG064019.D
Acq: 6 Feb 2025 15:59

Tgt Ion: 70 Resp: 58129
Ion Ratio Lower Upper
70 100
42 67.2 62.2 93.4
101 0.0 5.6 8.4#
130 2.6 13.8 20.6#

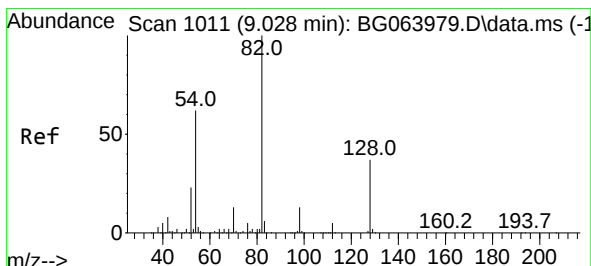
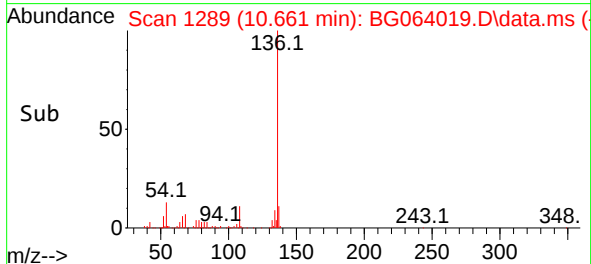
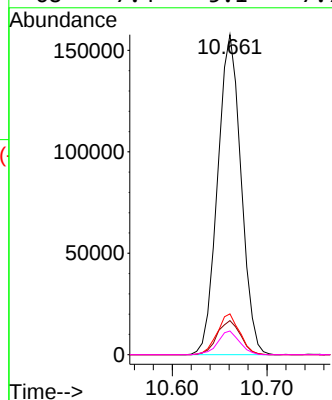
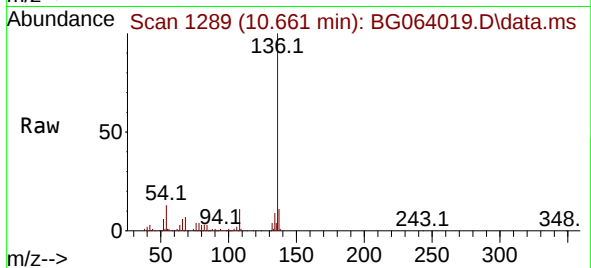




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.661 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG064019.D
Acq: 6 Feb 2025 15:59

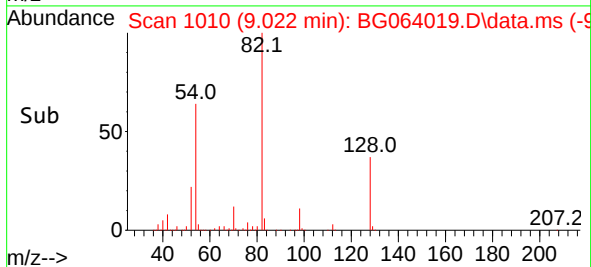
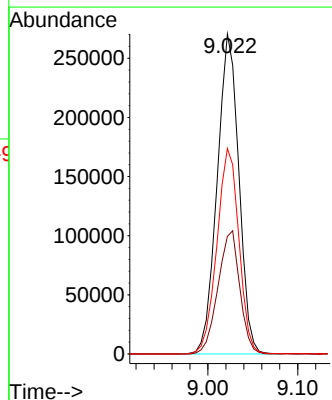
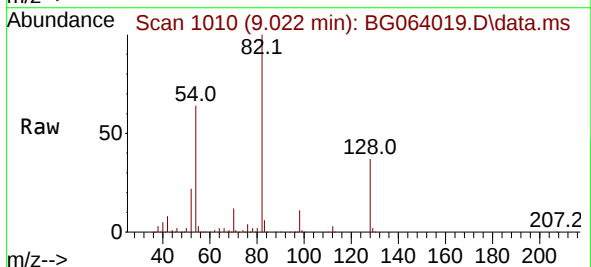
Instrument :
BNA_G
ClientSampleId :
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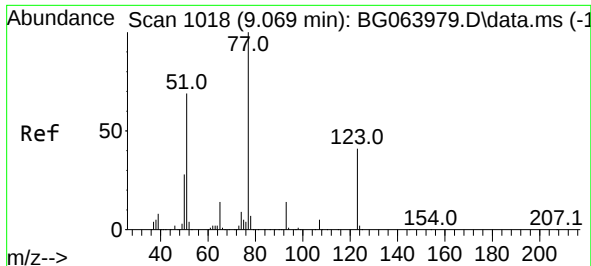
Tgt Ion:136 Resp: 270844
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 12.7 9.2 13.8
68 7.4 5.1 7.7



#23
Nitrobenzene-d5
Concen: 101.813 ng
RT: 9.022 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BG064019.D
Acq: 6 Feb 2025 15:59

Tgt Ion: 82 Resp: 453726
Ion Ratio Lower Upper
82 100
128 36.7 29.4 44.2
54 64.2 49.9 74.9

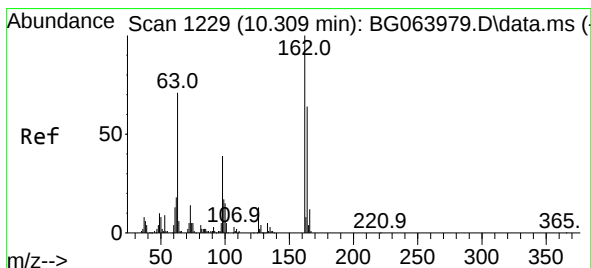
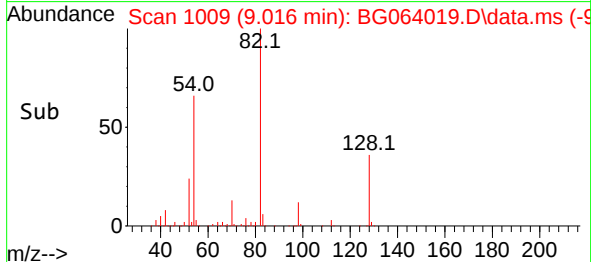
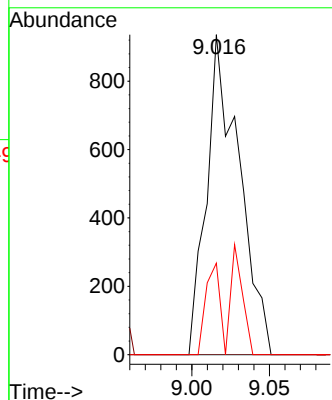
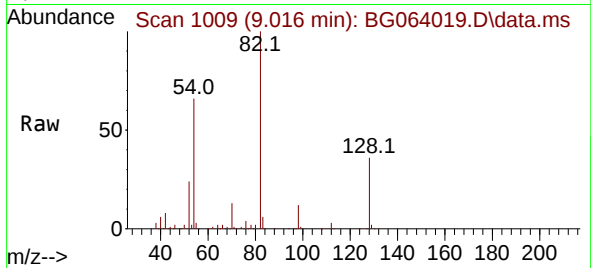




#24
Nitrobenzene
Concen: 4.069 ng
RT: 9.016 min Scan# 1190
Delta R.T. -0.053 min
Lab File: BG064019.D
Acq: 6 Feb 2025 15:59

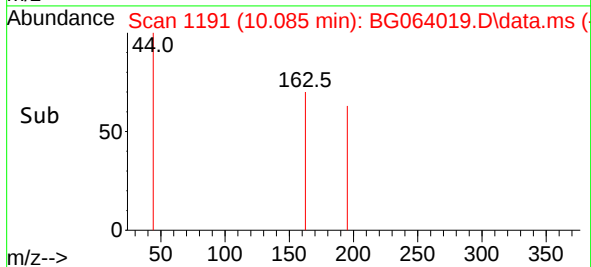
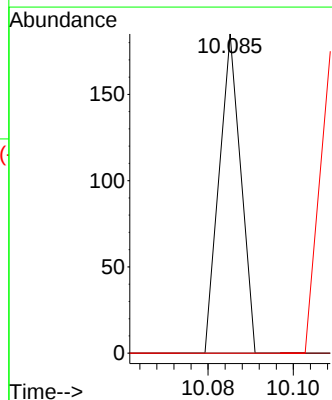
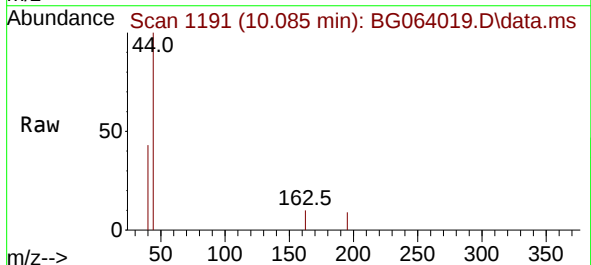
Instrument :
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ClientSampleId :
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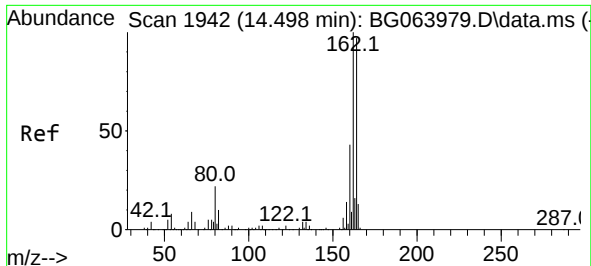
Tgt Ion: 77 Resp: 1364
Ion Ratio Lower Upper
77 100
123 0.0 32.9 49.3#
65 28.6 11.0 16.6#



#29
2,4-Dichlorophenol
Concen: 3.895 ng
RT: 10.085 min Scan# 1191
Delta R.T. -0.224 min
Lab File: BG064019.D
Acq: 6 Feb 2025 15:59

Tgt Ion: 162 Resp: 65
Ion Ratio Lower Upper
162 100
164 0.0 43.6 83.6#
98 0.0 18.6 58.6#

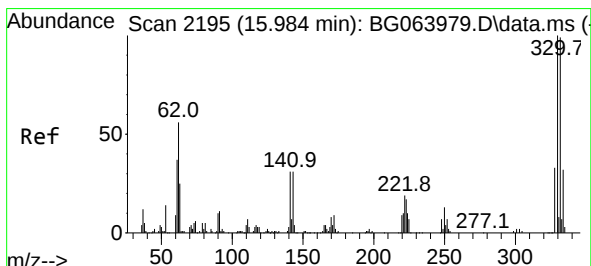
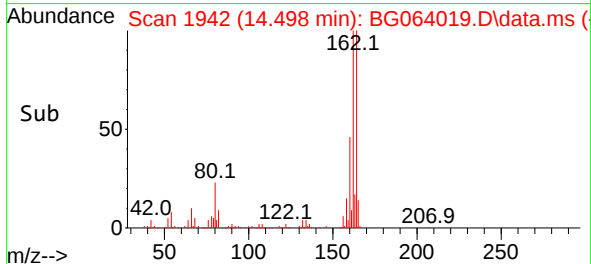
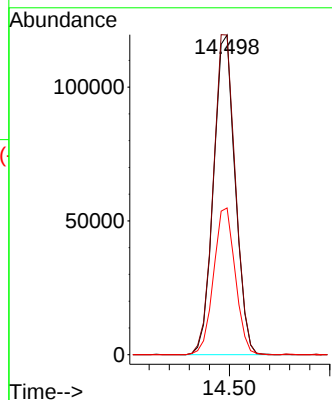
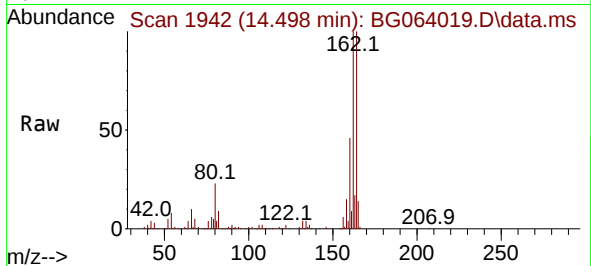




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BG064019.D
Acq: 6 Feb 2025 15:59

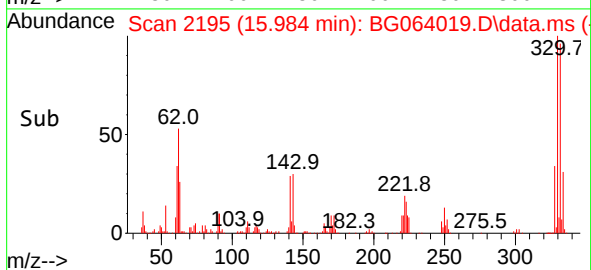
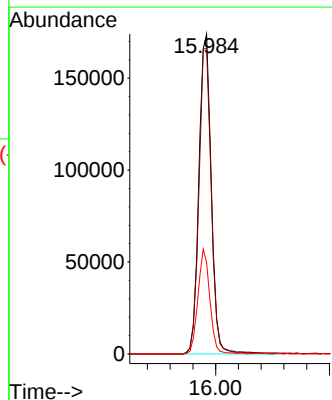
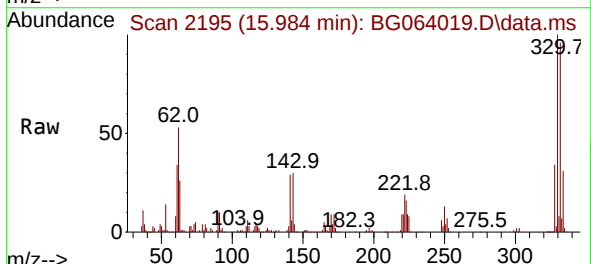
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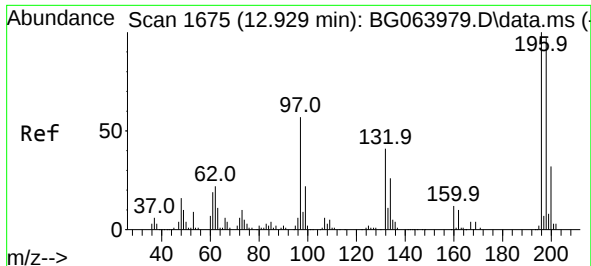
Tgt Ion:164 Resp: 178099
Ion Ratio Lower Upper
164 100
162 100.0 82.3 123.5
160 45.9 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 128.431 ng
RT: 15.984 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BG064019.D
Acq: 6 Feb 2025 15:59

Tgt Ion:330 Resp: 263841
Ion Ratio Lower Upper
330 100
332 95.4 79.0 118.6
141 31.4 27.2 40.8

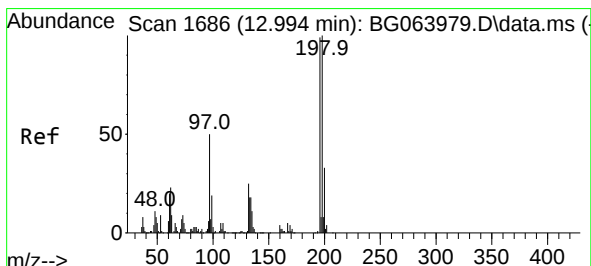
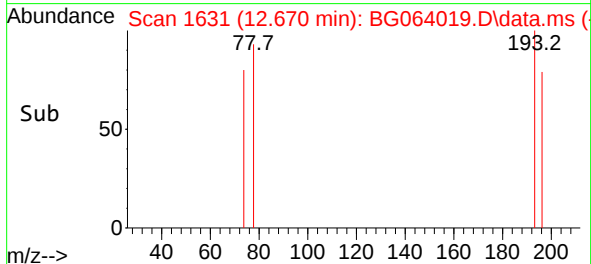
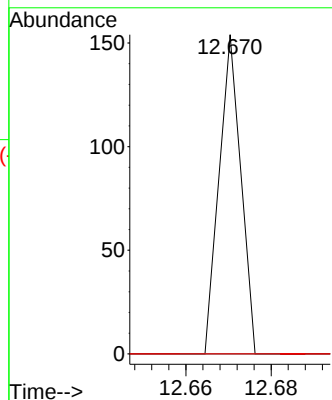
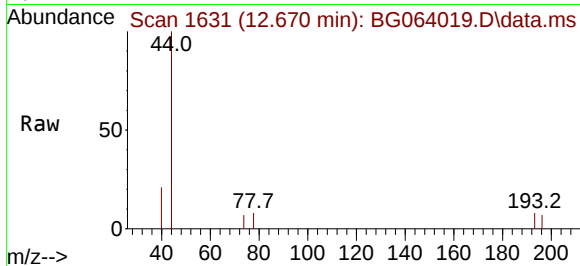




#43
2,4,6-Trichlorophenol
Concen: 4.913 ng
RT: 12.670 min Scan# 1732
Delta R.T. -0.259 min
Lab File: BG064019.D
Acq: 6 Feb 2025 15:59

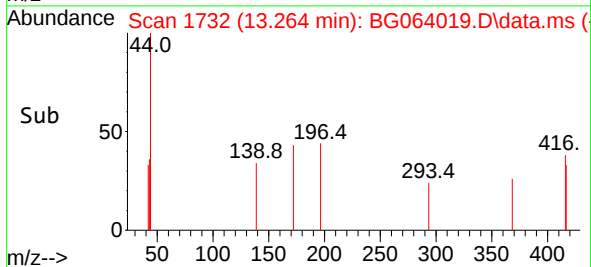
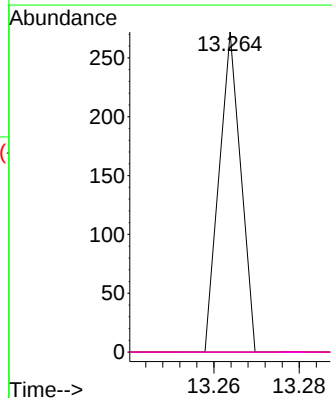
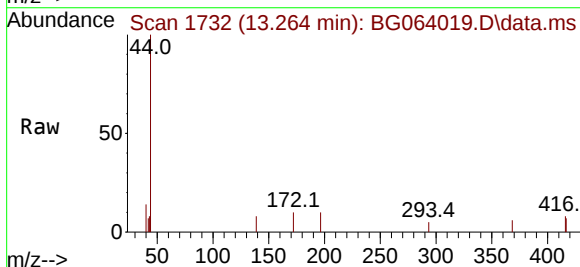
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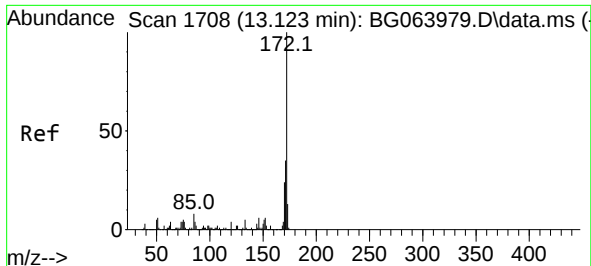
Tgt Ion:196 Resp: 54
Ion Ratio Lower Upper
196 100
198 0.0 77.9 116.9#
200 0.0 25.5 38.3#



#44
2,4,5-Trichlorophenol
Concen: 3.964 ng
RT: 13.264 min Scan# 1732
Delta R.T. 0.270 min
Lab File: BG064019.D
Acq: 6 Feb 2025 15:59

Tgt Ion:196 Resp: 96
Ion Ratio Lower Upper
196 100
198 0.0 81.1 121.7#
97 0.0 41.2 61.8#
132 0.0 20.7 31.1#

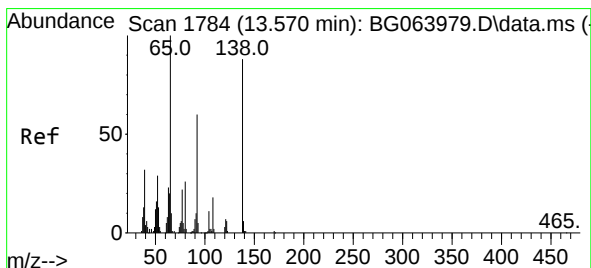
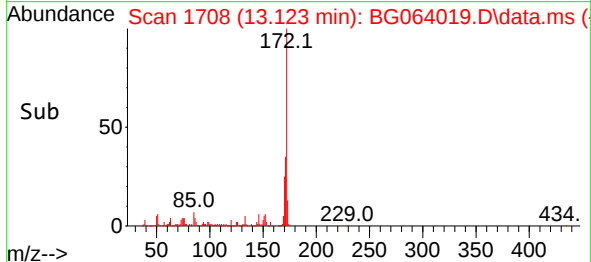
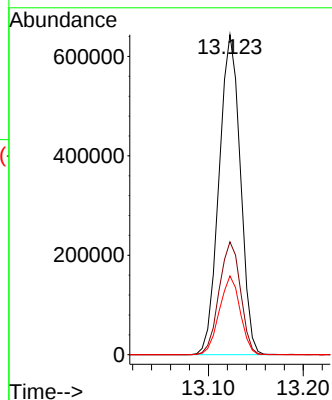
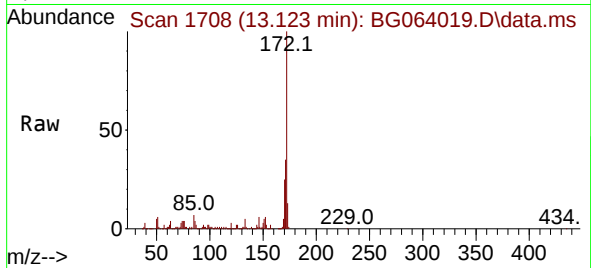




#45
2-Fluorobiphenyl
Concen: 86.576 ng
RT: 13.123 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BG064019.D
Acq: 6 Feb 2025 15:59

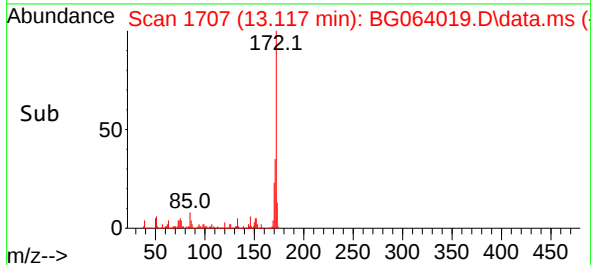
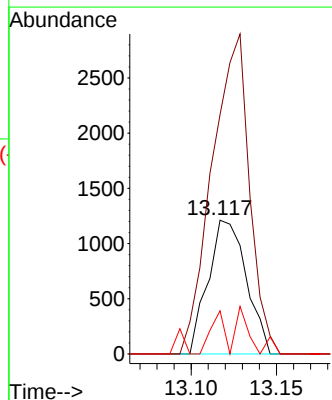
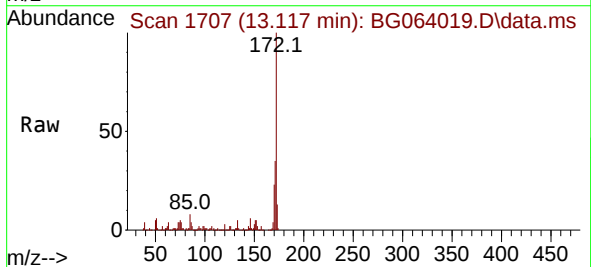
Instrument :
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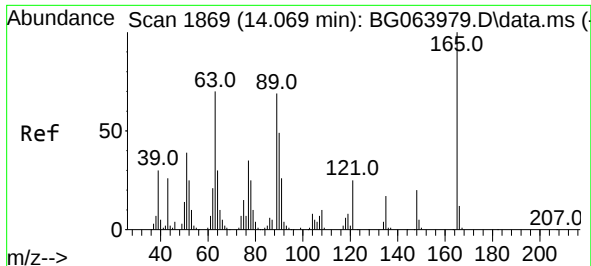
Tgt Ion:172 Resp: 1006372
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 24.6 19.4 29.2



#48
2-Nitroaniline
Concen: 5.044 ng
RT: 13.117 min Scan# 1707
Delta R.T. -0.453 min
Lab File: BG064019.D
Acq: 6 Feb 2025 15:59

Tgt Ion: 65 Resp: 1884
Ion Ratio Lower Upper
65 100
92 179.0 47.6 71.4#
138 32.3 70.6 106.0#

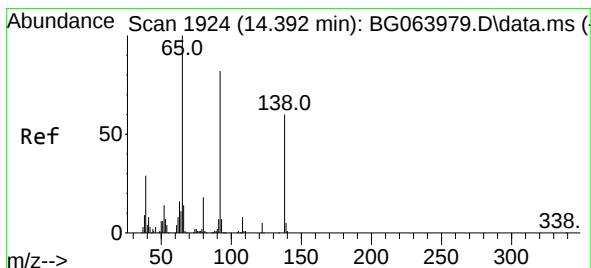
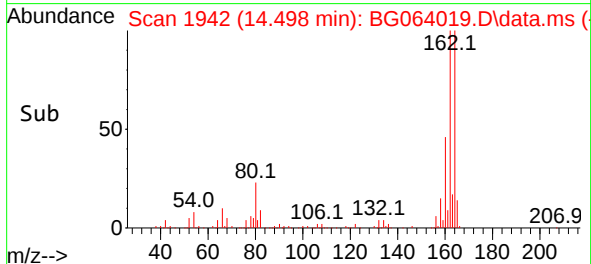
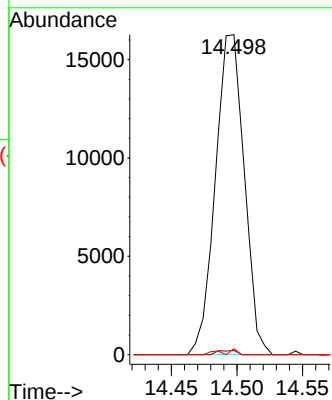
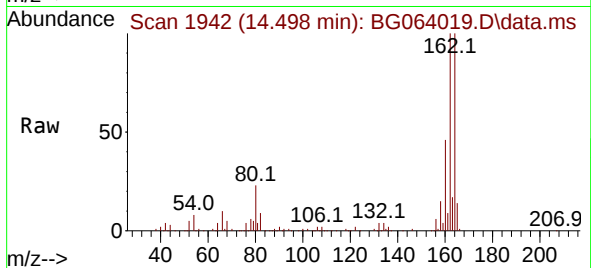




#51
2,6-Dinitrotoluene
Concen: 15.729 ng
RT: 14.498 min Scan# 1905
Delta R.T. 0.429 min
Lab File: BG064019.D
Acq: 6 Feb 2025 15:59

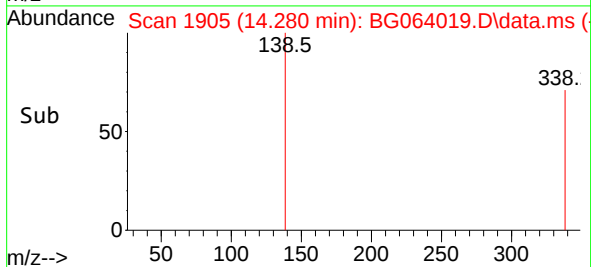
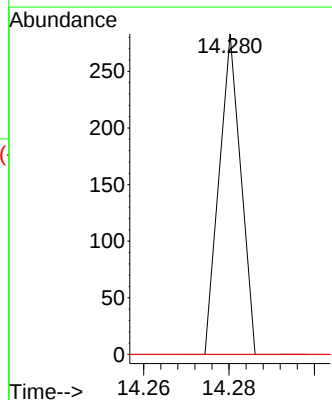
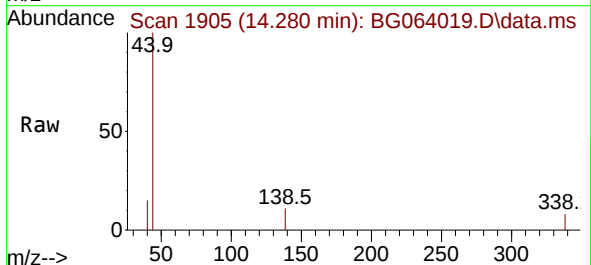
Instrument :
BNA_G
ClientSampleId :
PB166014BL

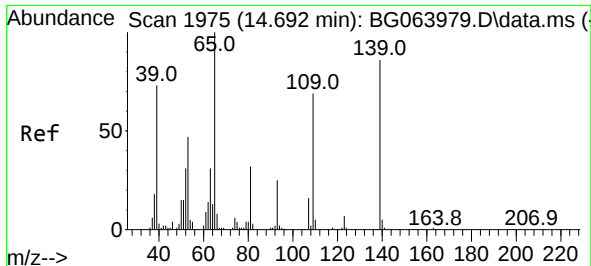
Tgt Ion:165 Resp: 24868
Ion Ratio Lower Upper
165 100
63 1.4 57.7 86.5#
89 1.9 55.6 83.4#



#53
3-Nitroaniline
Concen: 5.368 ng
RT: 14.280 min Scan# 1905
Delta R.T. -0.112 min
Lab File: BG064019.D
Acq: 6 Feb 2025 15:59

Tgt Ion:138 Resp: 100
Ion Ratio Lower Upper
138 100
108 0.0 10.3 15.5#
92 0.0 109.0 163.4#

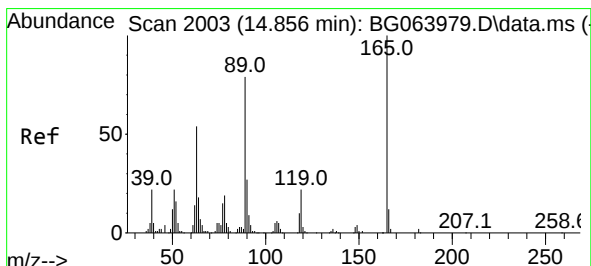
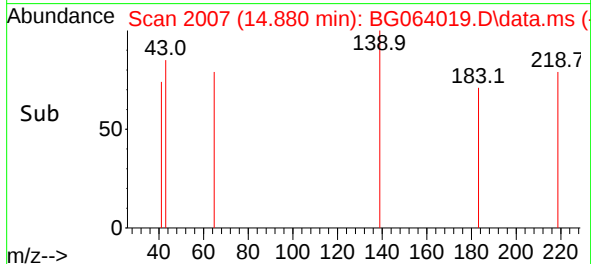
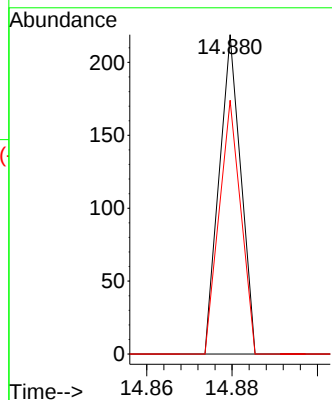
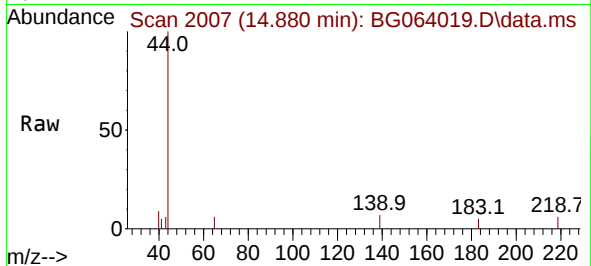




#56
4-Nitrophenol
Concen: 8.465 ng
RT: 14.880 min Scan# 20
Delta R.T. 0.188 min
Lab File: BG064019.D
Acq: 6 Feb 2025 15:59

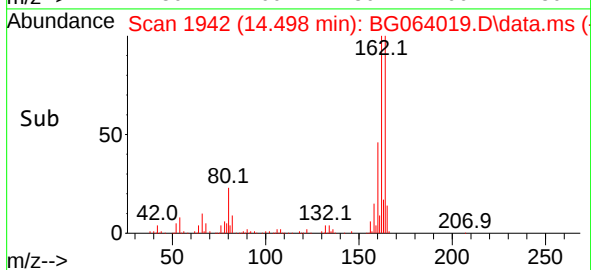
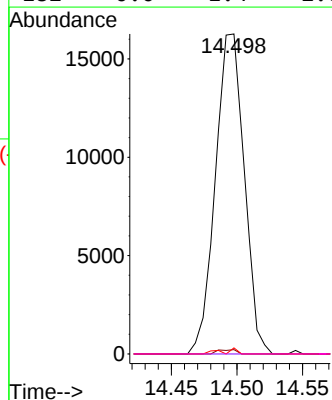
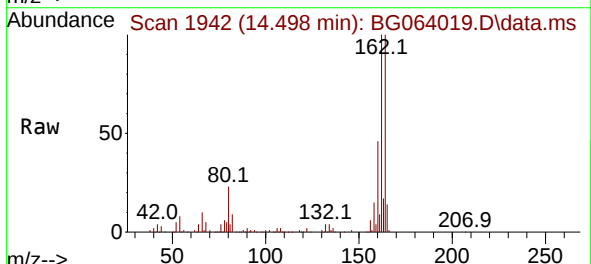
Instrument :
BNA_G
ClientSampleId :
PB166014BL

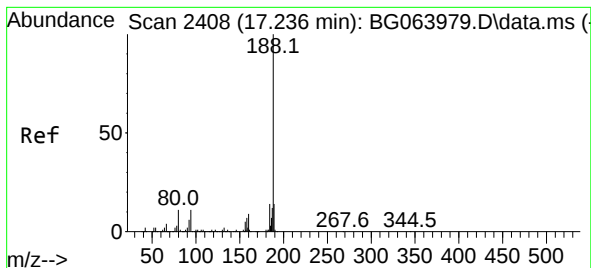
Tgt Ion:139 Resp: 77
Ion Ratio Lower Upper
139 100
109 0.0 60.1 100.1#
65 79.5 96.2 136.2#



#57
2,4-Dinitrotoluene
Concen: 13.679 ng
RT: 14.498 min Scan# 1942
Delta R.T. -0.358 min
Lab File: BG064019.D
Acq: 6 Feb 2025 15:59

Tgt Ion:165 Resp: 24868
Ion Ratio Lower Upper
165 100
63 1.4 43.6 65.4#
89 1.9 63.1 94.7#
182 0.0 1.4 2.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.236 min Scan# 24

Delta R.T. -0.000 min

Lab File: BG064019.D

Acq: 6 Feb 2025 15:59

Instrument :

BNA_G

ClientSampleId :

PB166014BL

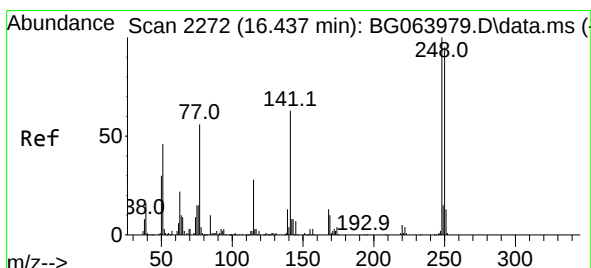
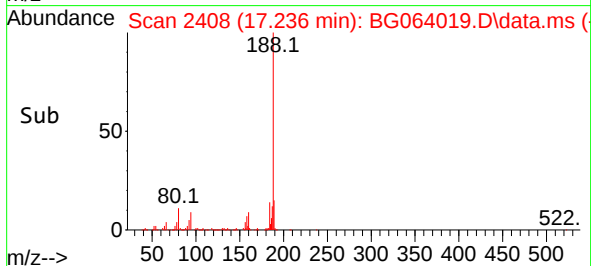
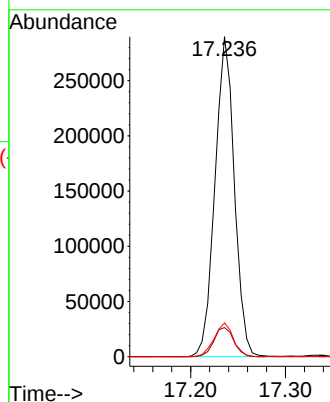
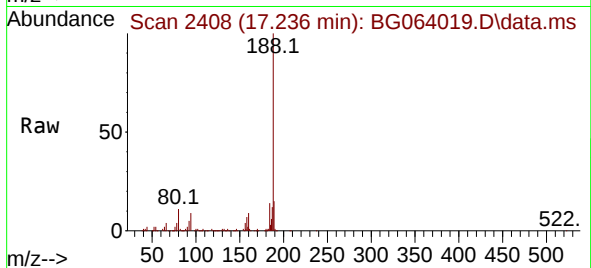
Tgt Ion:188 Resp: 411082

Ion Ratio Lower Upper

188 100

94 9.1 8.6 13.0

80 10.6 8.5 12.7



#67

4-Bromophenyl-phenylether

Concen: 4.170 ng

RT: 15.984 min Scan# 2195

Delta R.T. -0.453 min

Lab File: BG064019.D

Acq: 6 Feb 2025 15:59

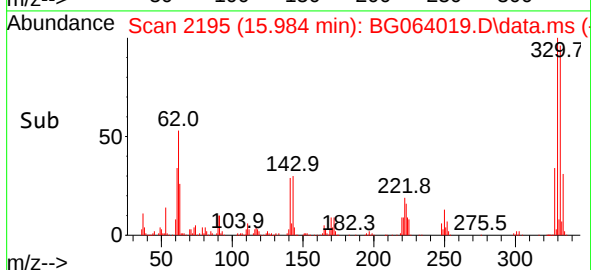
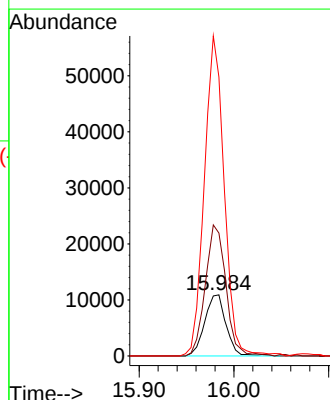
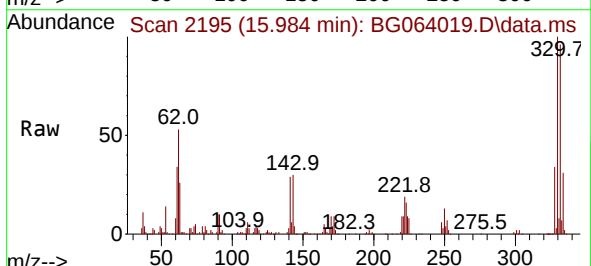
Tgt Ion:248 Resp: 17062

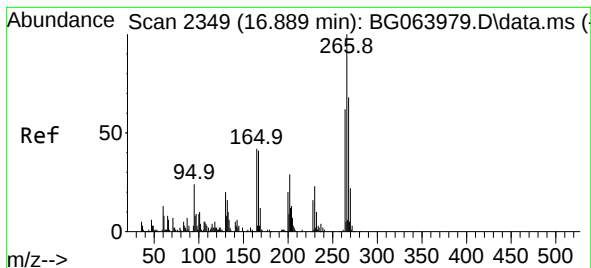
Ion Ratio Lower Upper

248 100

250 201.1 76.2 114.4#

141 456.6 50.6 75.8#





#70

Pentachlorophenol

Concen: 8.706 ng

RT: 17.206 min Scan# 2403

Delta R.T. 0.317 min

Lab File: BG064019.D

Acq: 6 Feb 2025 15:59

Instrument :

BNA_G

ClientSampleId :

PB166014BL

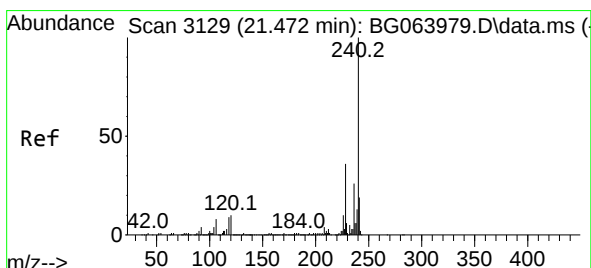
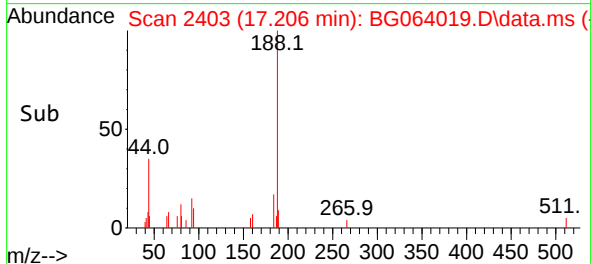
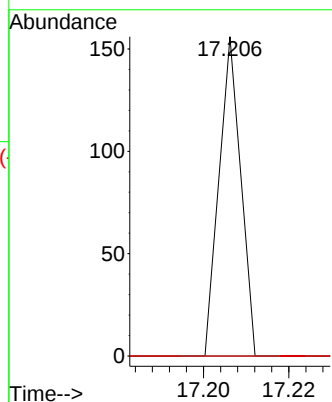
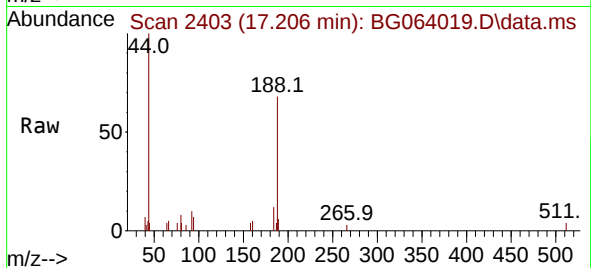
Tgt Ion:266 Resp: 55

Ion Ratio Lower Upper

266 100

268 0.0 54.8 82.2#

264 0.0 50.0 75.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.472 min Scan# 3129

Delta R.T. -0.000 min

Lab File: BG064019.D

Acq: 6 Feb 2025 15:59

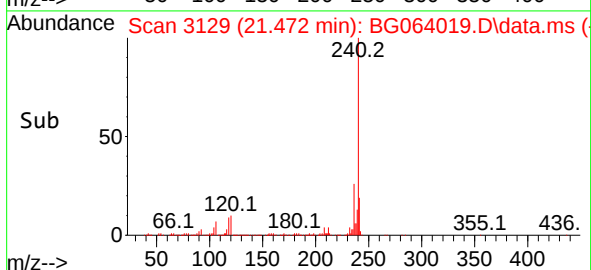
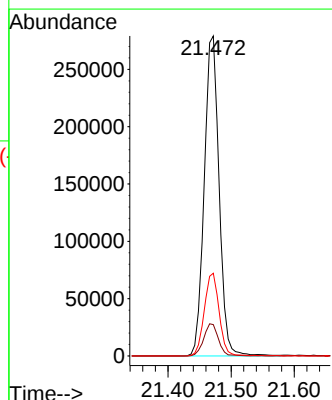
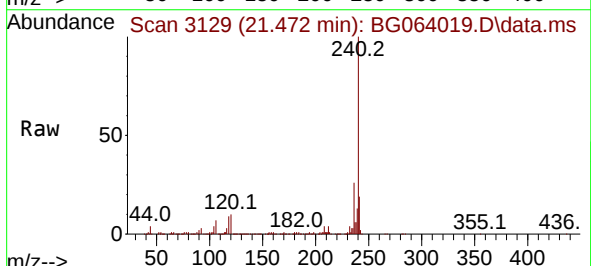
Tgt Ion:240 Resp: 455051

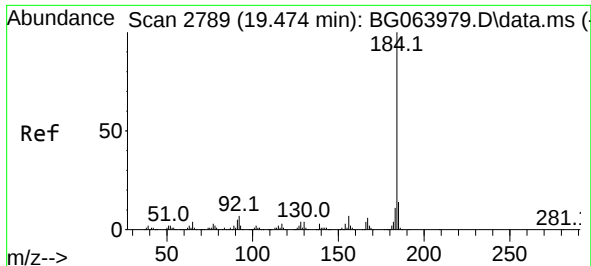
Ion Ratio Lower Upper

240 100

120 9.8 7.9 11.9

236 25.9 21.0 31.6

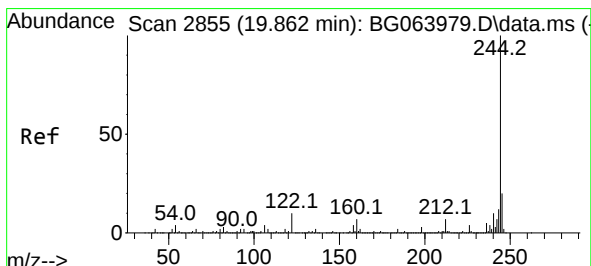
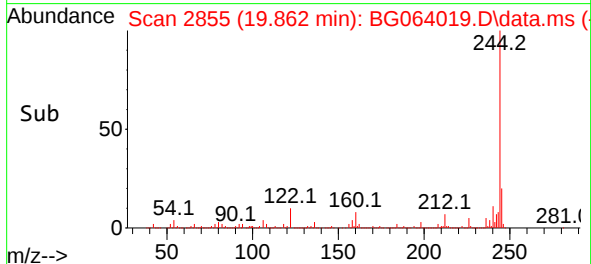
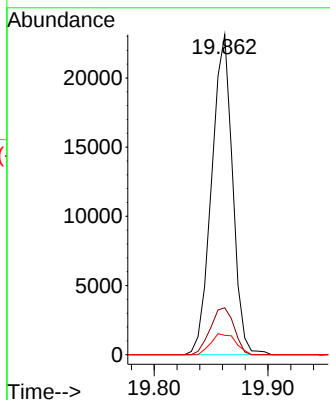
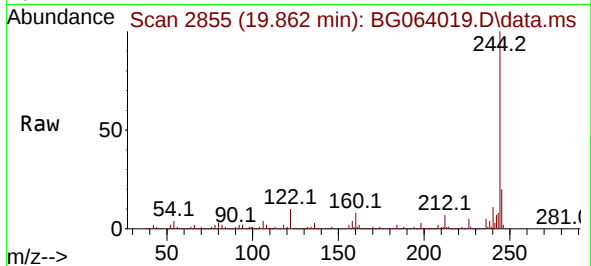




#77
Benzidine
Concen: 3.050 ng
RT: 19.862 min Scan# 21
Delta R.T. 0.387 min
Lab File: BG064019.D
Acq: 6 Feb 2025 15:59

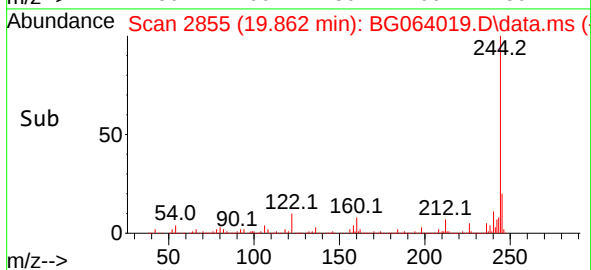
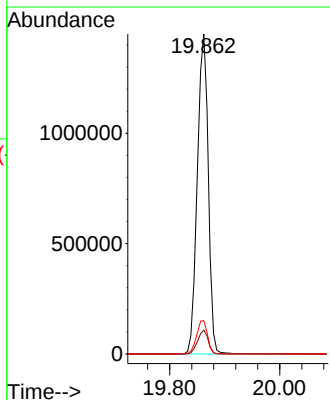
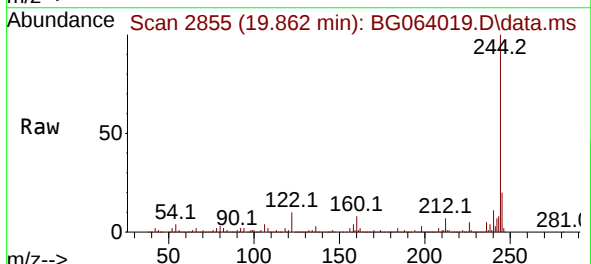
Instrument :
BNA_G
ClientSampleId :
PB166014BL

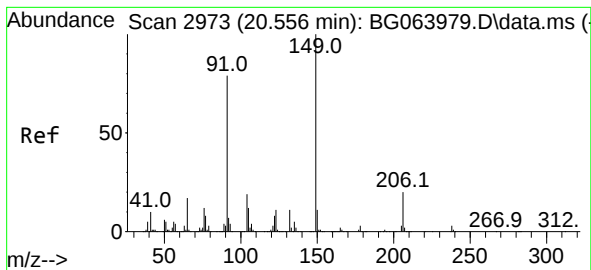
Tgt Ion:184 Resp: 29553
Ion Ratio Lower Upper
184 100
185 14.7 11.2 16.8
183 6.0 8.7 13.1#



#79
Terphenyl-d14
Concen: 92.060 ng
RT: 19.862 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BG064019.D
Acq: 6 Feb 2025 15:59

Tgt Ion:244 Resp: 2005888
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 10.4 7.7 11.5





#80

Butylbenzylphthalate

Concen: 5.562 ng

RT: 20.561 min Scan# 2974

Delta R.T. 0.005 min

Lab File: BG064019.D

Acq: 6 Feb 2025 15:59

Instrument :

BNA_G

ClientSampleId :

PB166014BL

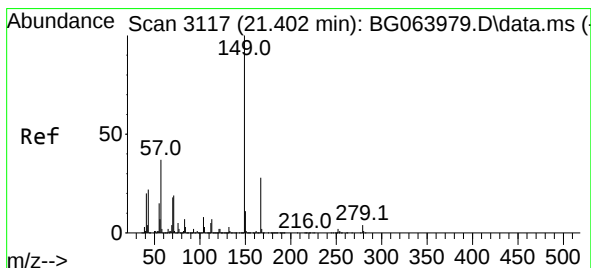
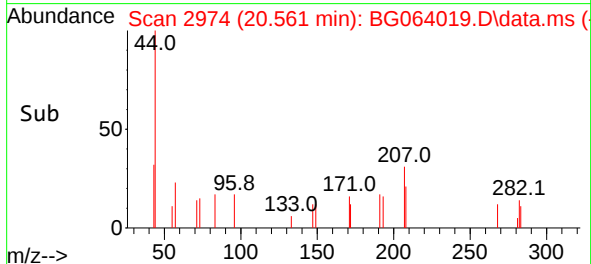
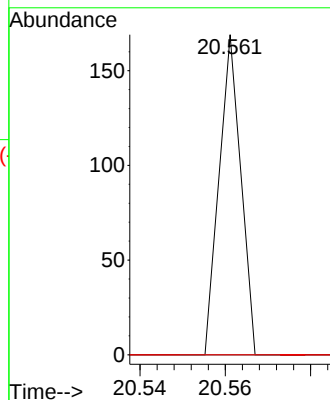
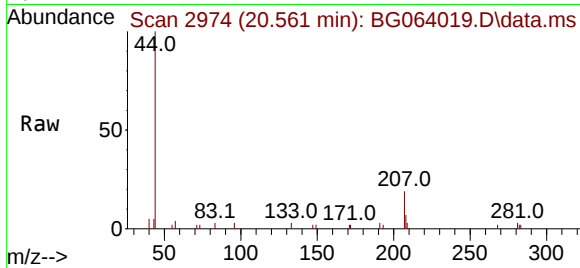
Tgt Ion:149 Resp: 60

Ion Ratio Lower Upper

149 100

91 0.0 63.0 94.6#

206 0.0 15.8 23.6#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.489 ng

RT: 21.395 min Scan# 3116

Delta R.T. -0.007 min

Lab File: BG064019.D

Acq: 6 Feb 2025 15:59

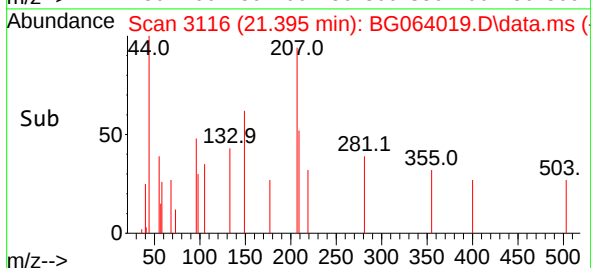
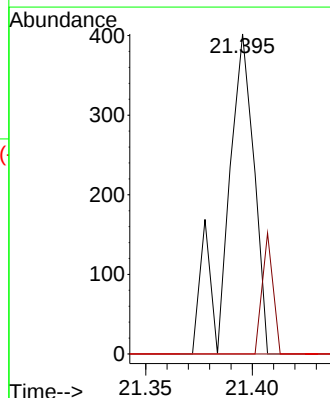
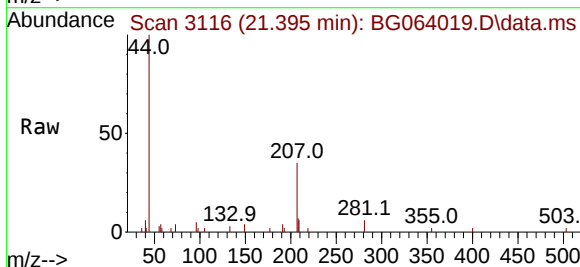
Tgt Ion:149 Resp: 364

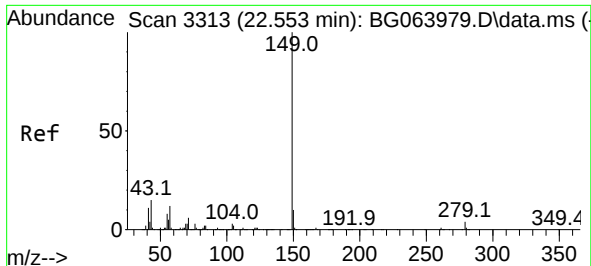
Ion Ratio Lower Upper

149 100

167 0.0 22.5 33.7#

279 0.0 3.0 4.4#

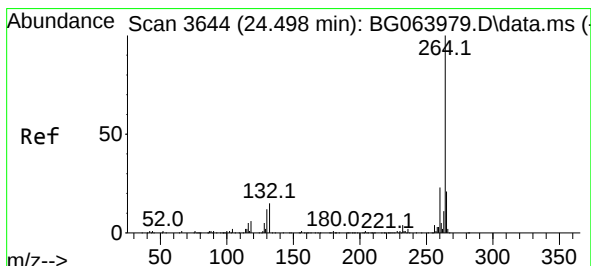
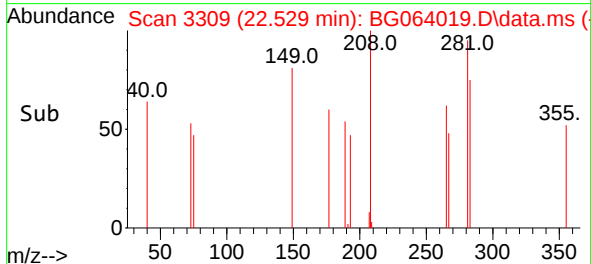
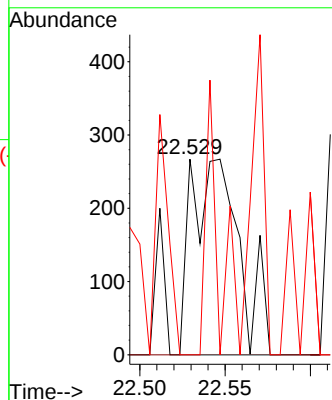
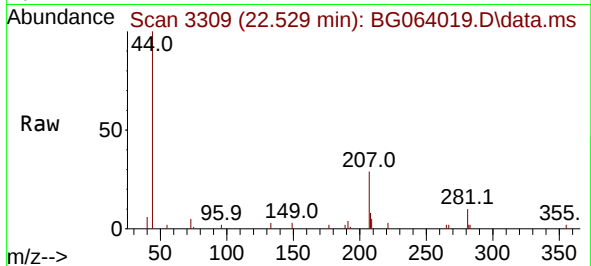




#85
Di-n-octyl phthalate
Concen: 6.959 ng
RT: 22.529 min Scan# 311
Delta R.T. -0.024 min
Lab File: BG064019.D
Acq: 6 Feb 2025 15:59

Instrument :
BNA_G
ClientSampleId :
PB166014BL

Tgt Ion:149 Resp: 521
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 39.2 12.3 18.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.498 min Scan# 3644
Delta R.T. -0.000 min
Lab File: BG064019.D
Acq: 6 Feb 2025 15:59

Tgt Ion:264 Resp: 470441
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.1 16.6 24.8

