

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020425\
 Data File : BG063987.D
 Acq On : 4 Feb 2025 10:24
 Operator : RC/JU
 Sample : PB166216BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB166000BL

Quant Time: Feb 04 11:49:39 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)

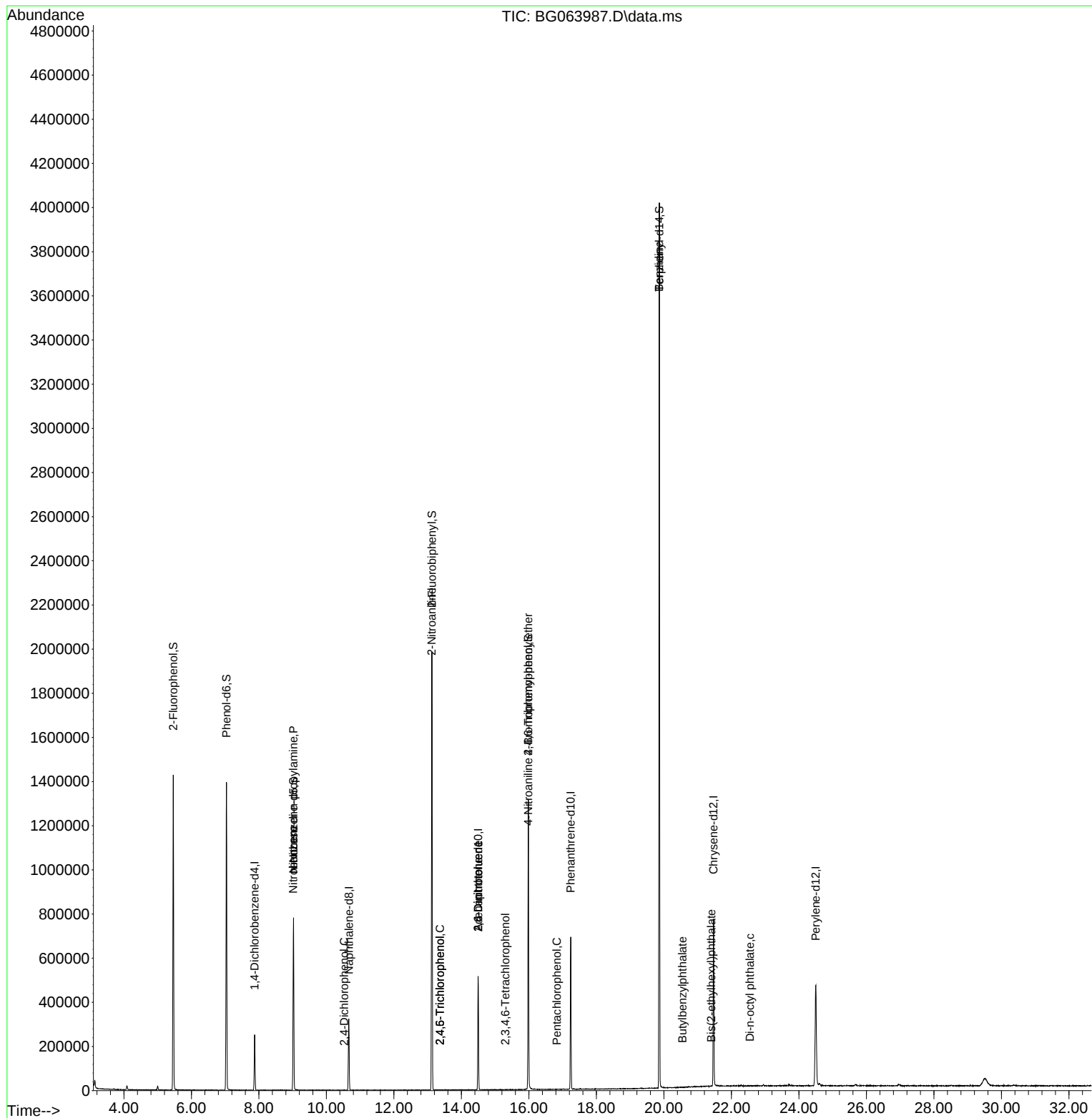
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.873	152	63081	20.000	ng	0.00
21) Naphthalene-d8	10.664	136	262597	20.000	ng	0.00
39) Acenaphthene-d10	14.494	164	168447	20.000	ng	0.00
64) Phenanthrene-d10	17.238	188	398178	20.000	ng	0.00
76) Chrysene-d12	21.469	240	439031	20.000	ng	0.00
86) Perylene-d12	24.500	264	453247	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.464	112	552393	140.401	ng	0.00
7) Phenol-d6	7.038	99	708987	131.312	ng	0.00
23) Nitrobenzene-d5	9.024	82	415284	96.113	ng	0.00
42) 2,4,6-Tribromophenol	15.981	330	216218	113.325	ng	0.00
45) 2-Fluorobiphenyl	13.125	172	1000336	90.987	ng	0.00
79) Terphenyl-d14	19.865	244	1972396	93.826	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.024	70	52688	14.091	ng	# 83
24) Nitrobenzene	9.018	77	1557	4.112	ng	# 35
29) 2,4-Dichlorophenol	10.528	162	57	3.894	ng	# 25
43) 2,4,6-Trichlorophenol	13.366	196	61	4.916	ng	# 11
44) 2,4,5-Trichlorophenol	13.366	196	61	3.956	ng	# 14
48) 2-Nitroaniline	13.120	65	1866	5.082	ng	# 1
51) 2,6-Dinitrotoluene	14.494	165	23269	15.613	ng	# 16
57) 2,4-Dinitrotoluene	14.494	165	23269	13.588	ng	# 19
59) 2,3,4,6-Tetrachlorophenol	15.299	232	56	5.226	ng	# 40
62) 4-Nitroaniline	15.975	138	144	3.984	ng	# 1
67) 4-Bromophenyl-phenylether	15.981	248	14124	3.564	ng	# 1
70) Pentachlorophenol	16.827	266	72	8.711	ng	# 17
77) Benzidine	19.859	184	28163	3.012	ng	# 95
80) Butylbenzylphthalate	20.546	149	60	5.562	ng	# 19
84) Bis(2-ethylhexyl)phtha...	21.404	149	187	4.479	ng	# 52
85) Di-n-octyl phthalate	22.550	149	498	6.959	ng	# 98

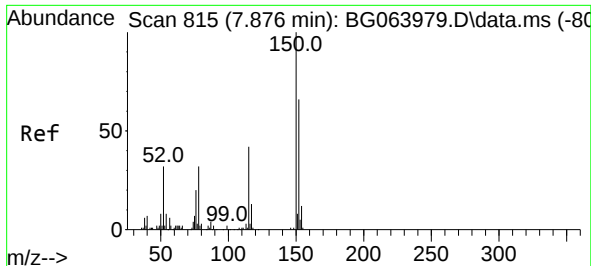
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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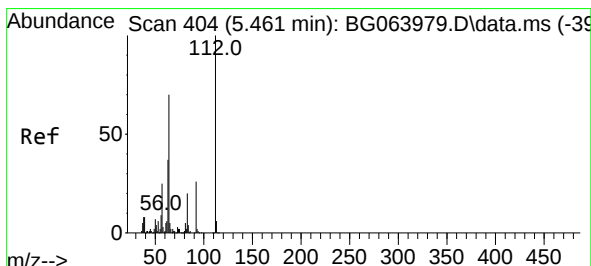
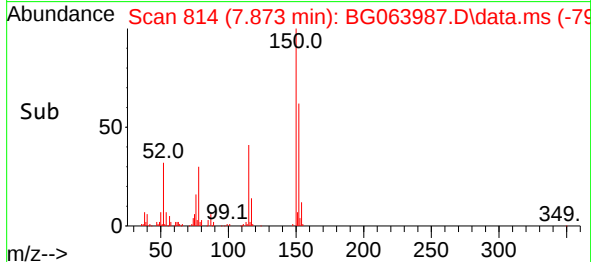
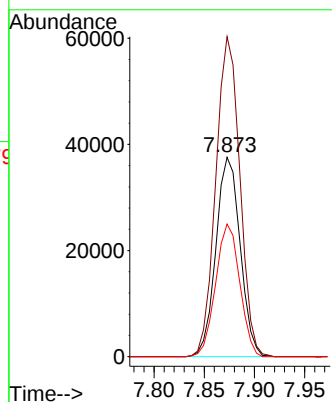
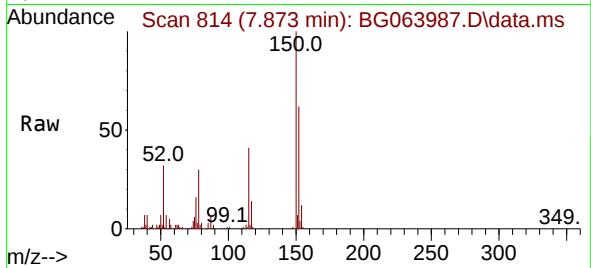




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.873 min Scan# 815
Delta R.T. -0.003 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

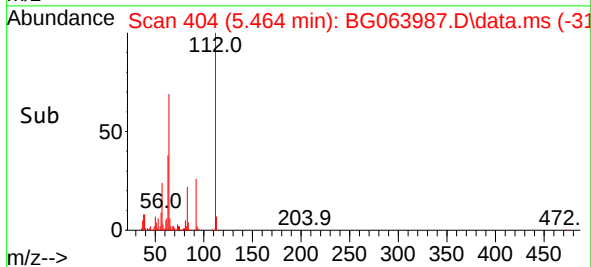
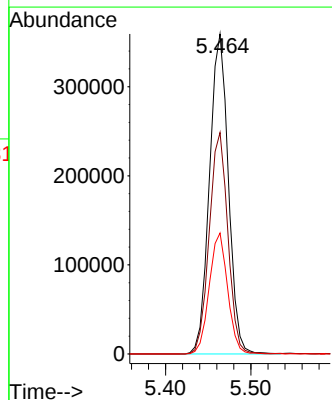
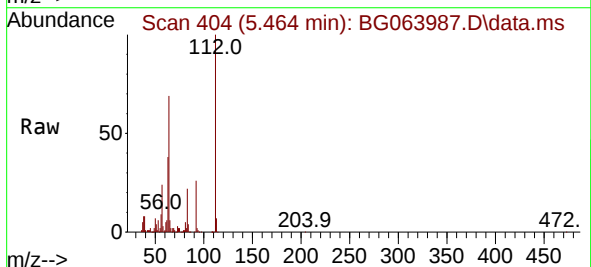
Instrument :
BNA_G
ClientSampleId :
PB166000BL

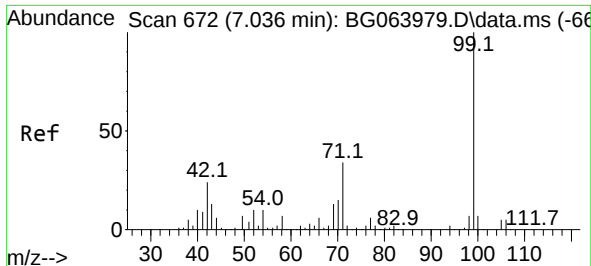
Tgt Ion:152 Resp: 63081
Ion Ratio Lower Upper
152 100
150 160.5 121.0 181.6
115 66.5 50.4 75.6



#5
2-Fluorophenol
Concen: 140.401 ng
RT: 5.464 min Scan# 404
Delta R.T. 0.002 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

Tgt Ion:112 Resp: 552393
Ion Ratio Lower Upper
112 100
64 69.2 55.8 83.8
63 37.8 29.3 43.9

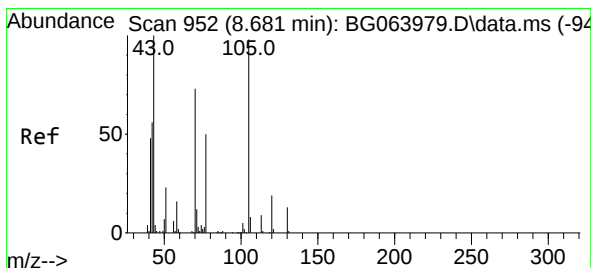
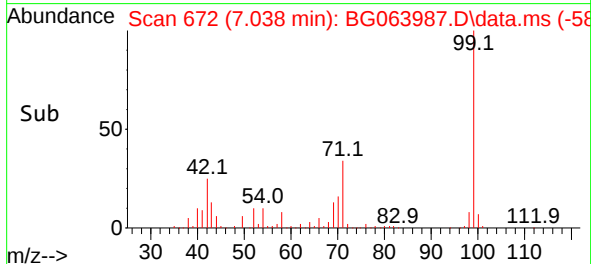
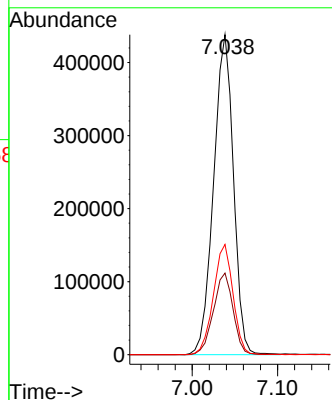
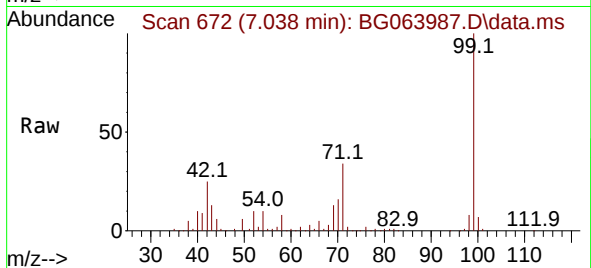




#7
Phenol-d6
Concen: 131.312 ng
RT: 7.038 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

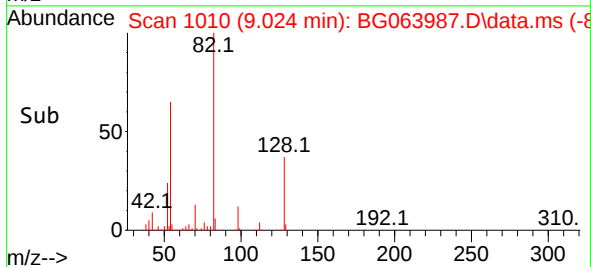
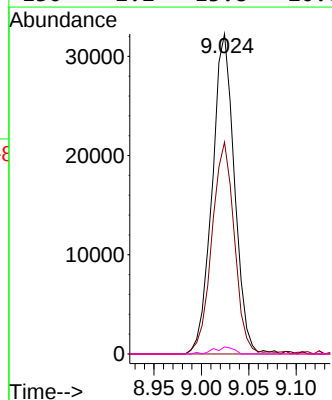
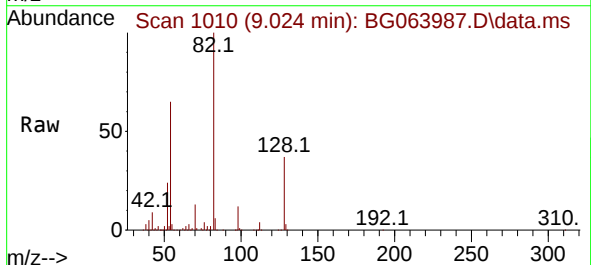
Instrument :
BNA_G
ClientSampleId :
PB166000BL

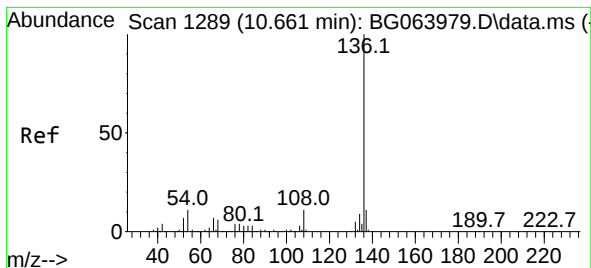
Tgt Ion: 99 Resp: 708987
Ion Ratio Lower Upper
99 100
42 25.5 18.9 28.3
71 34.4 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.091 ng
RT: 9.024 min Scan# 1010
Delta R.T. 0.343 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

Tgt Ion: 70 Resp: 52688
Ion Ratio Lower Upper
70 100
42 66.2 62.2 93.4
101 0.0 5.6 8.4#
130 2.2 13.8 20.6#



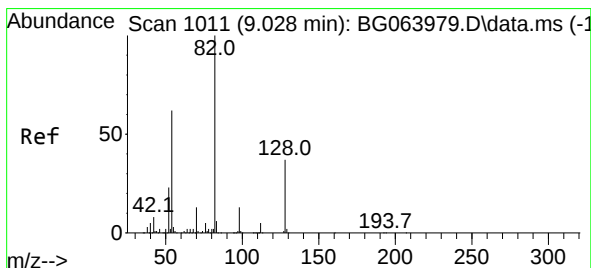
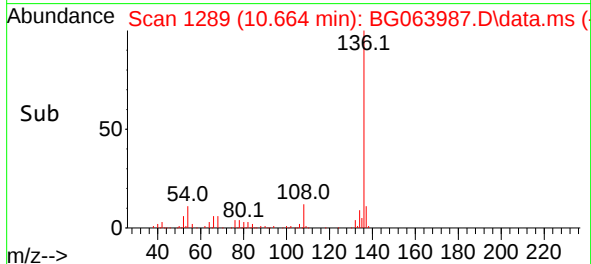
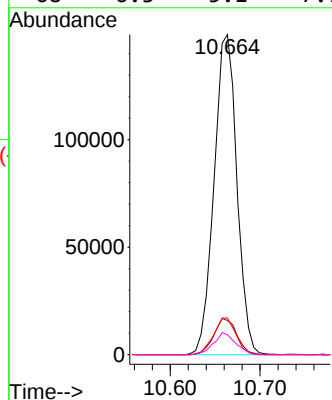
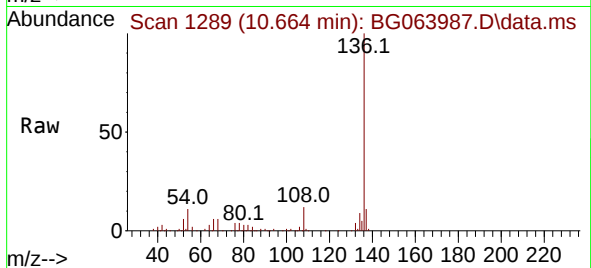


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.664 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

Instrument :
BNA_G
ClientSampleId :
PB166000BL

Tgt Ion:136 Resp: 262597

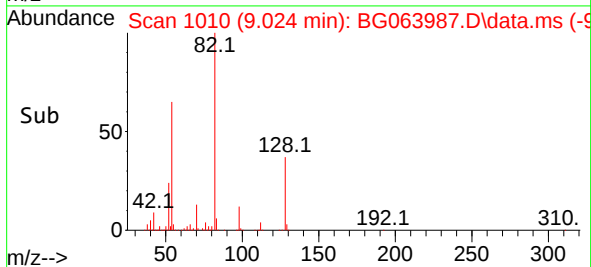
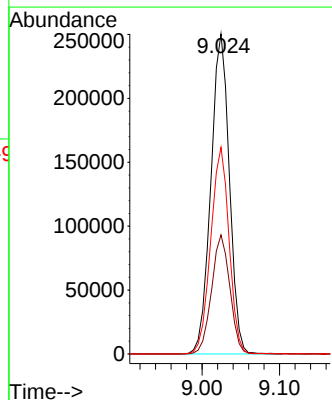
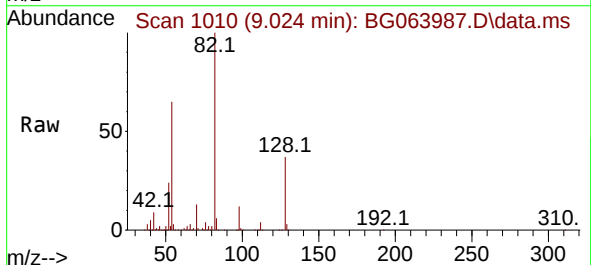
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	11.5	9.2	13.8
68	6.3	5.1	7.7

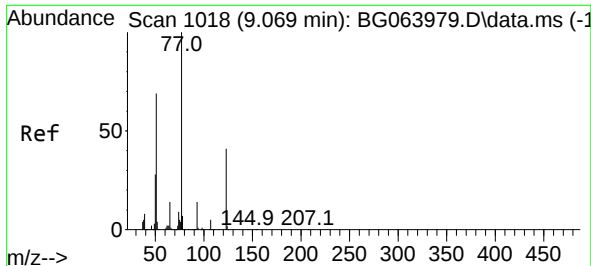


#23
Nitrobenzene-d5
Concen: 96.113 ng
RT: 9.024 min Scan# 1010
Delta R.T. -0.004 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

Tgt Ion: 82 Resp: 415284

Ion	Ratio	Lower	Upper
82	100		
128	37.2	29.4	44.2
54	64.5	49.9	74.9

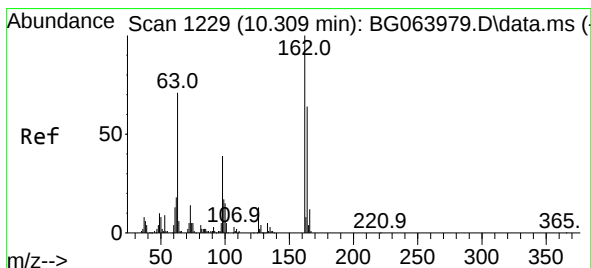
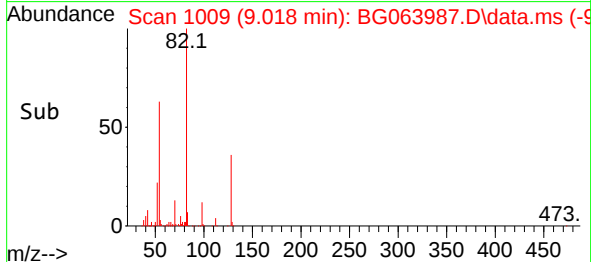
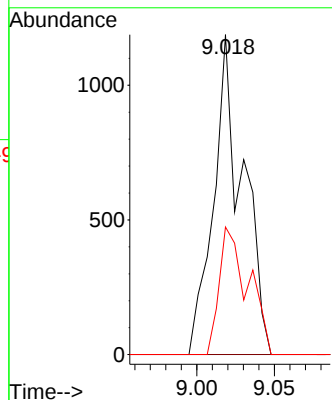
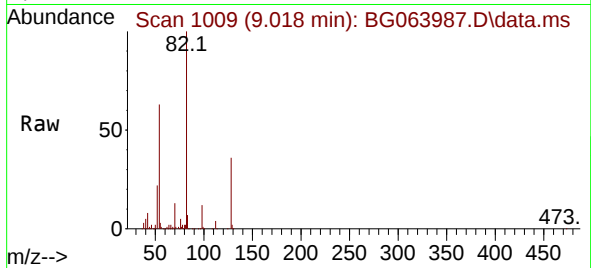




#24
Nitrobenzene
Concen: 4.112 ng
RT: 9.018 min Scan# 1018
Delta R.T. -0.051 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

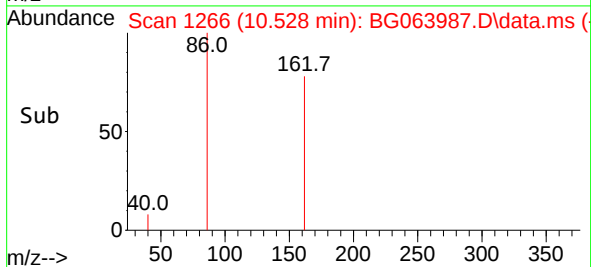
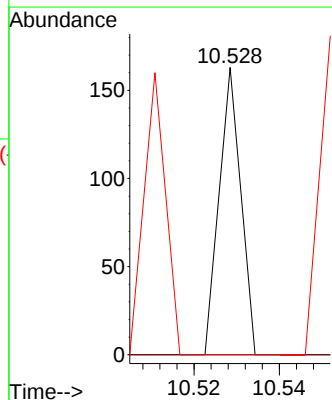
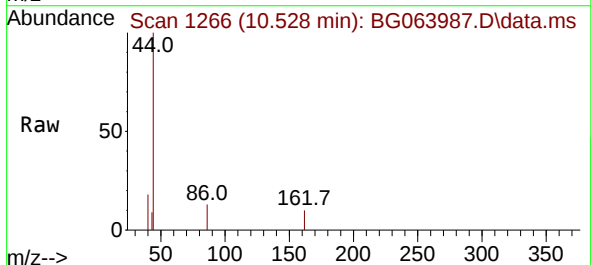
Instrument :
BNA_G
ClientSampleId :
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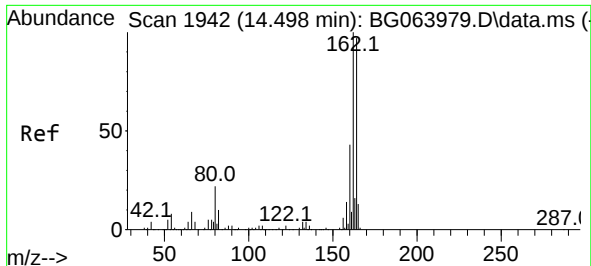
Tgt Ion: 77 Resp: 1557
Ion Ratio Lower Upper
77 100
123 0.0 32.9 49.3#
65 39.9 11.0 16.6#



#29
2,4-Dichlorophenol
Concen: 3.894 ng
RT: 10.528 min Scan# 1266
Delta R.T. 0.219 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

Tgt Ion:162 Resp: 57
Ion Ratio Lower Upper
162 100
164 0.0 43.6 83.6#
98 0.0 18.6 58.6#



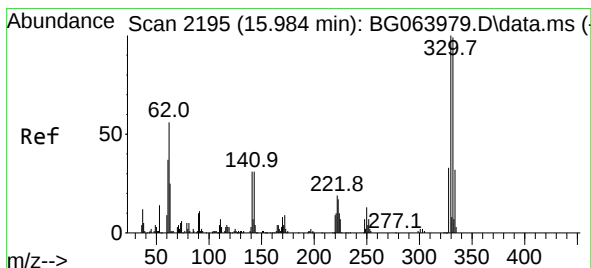
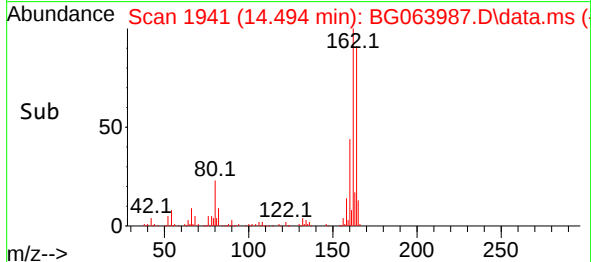
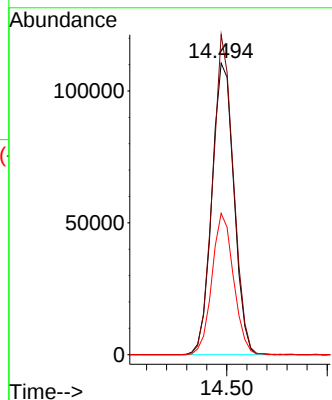
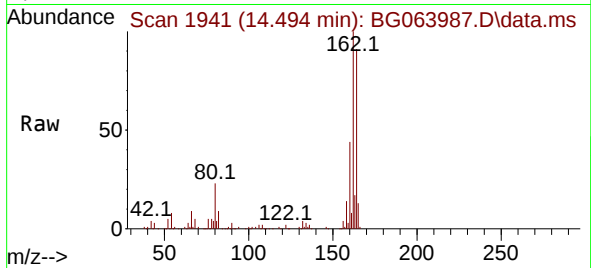


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.494 min Scan# 1941
Delta R.T. -0.004 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

Instrument :
BNA_G
ClientSampleId :
PB166000BL

Tgt Ion:164 Resp: 168447

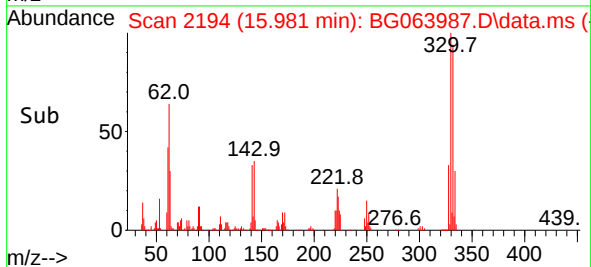
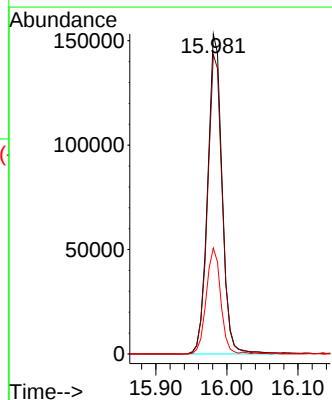
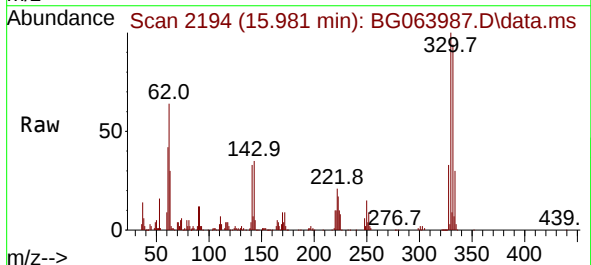
Ion	Ratio	Lower	Upper
164	100		
162	109.8	82.3	123.5
160	48.4	35.4	53.0

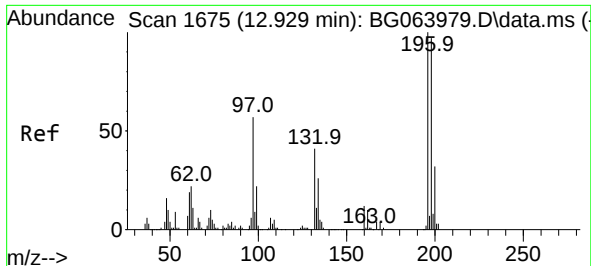


#42
2,4,6-Tribromophenol
Concen: 113.325 ng
RT: 15.981 min Scan# 2194
Delta R.T. -0.003 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

Tgt Ion:330 Resp: 216218

Ion	Ratio	Lower	Upper
330	100		
332	95.3	79.0	118.6
141	33.3	27.2	40.8

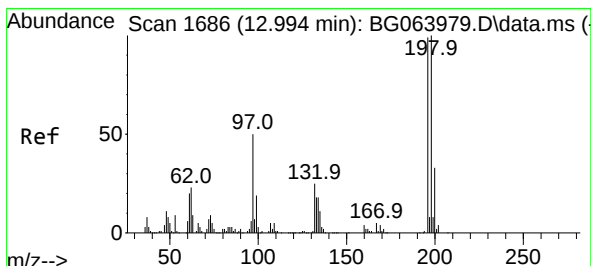
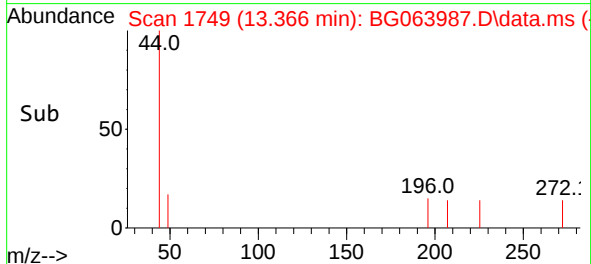
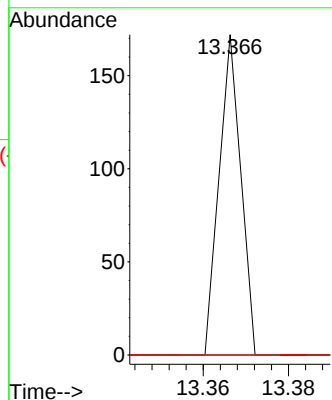
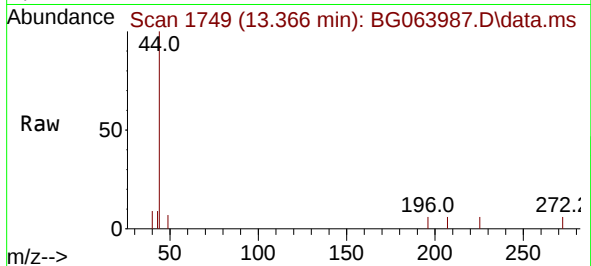




#43
 2,4,6-Trichlorophenol
 Concen: 4.916 ng
 RT: 13.366 min Scan# 1749
 Delta R.T. 0.437 min
 Lab File: BG063987.D
 Acq: 4 Feb 2025 10:24

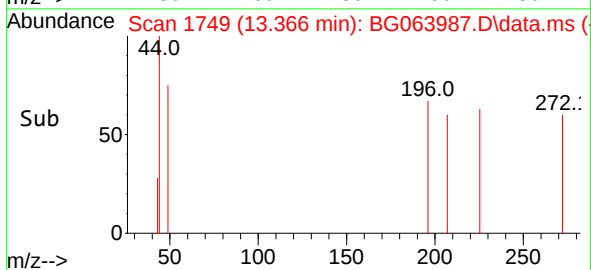
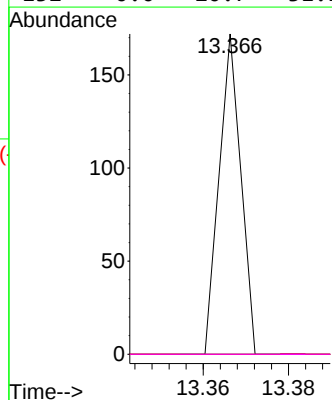
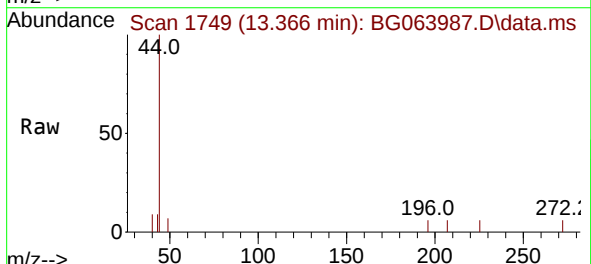
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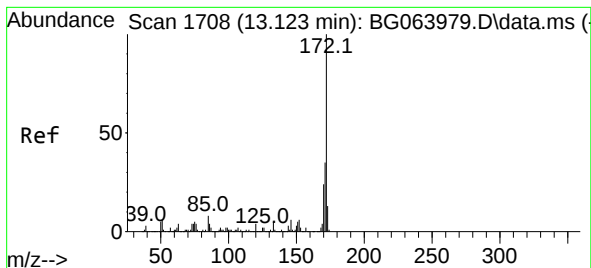
Tgt Ion:196 Resp: 61
 Ion Ratio Lower Upper
 196 100
 198 0.0 77.9 116.9#
 200 0.0 25.5 38.3#



#44
 2,4,5-Trichlorophenol
 Concen: 3.956 ng
 RT: 13.366 min Scan# 1749
 Delta R.T. 0.372 min
 Lab File: BG063987.D
 Acq: 4 Feb 2025 10:24

Tgt Ion:196 Resp: 61
 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#

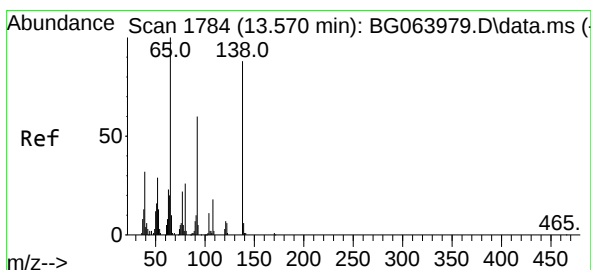
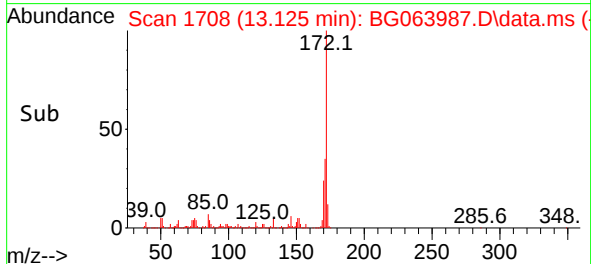
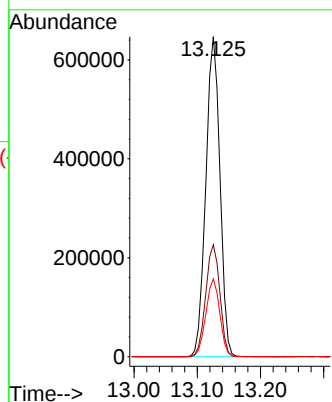
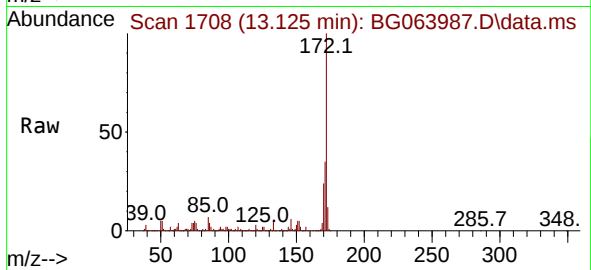




#45
2-Fluorobiphenyl
Concen: 90.987 ng
RT: 13.125 min Scan# 1707
Delta R.T. 0.002 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

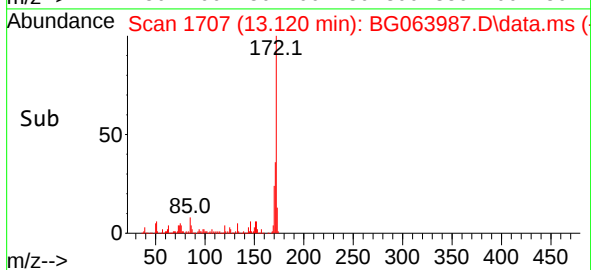
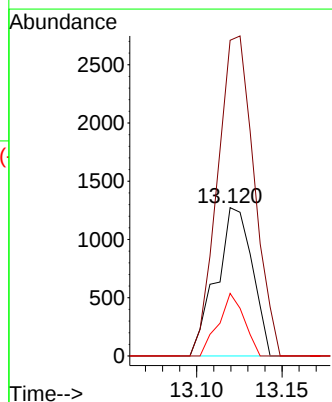
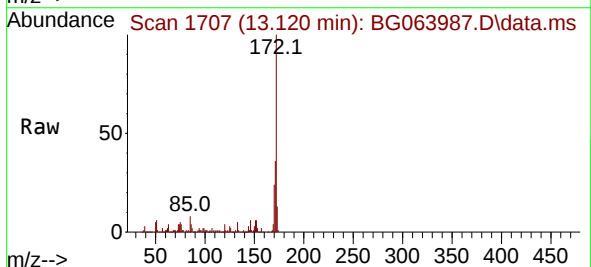
Instrument :
BNA_G
ClientSampleId :
PB166000BL

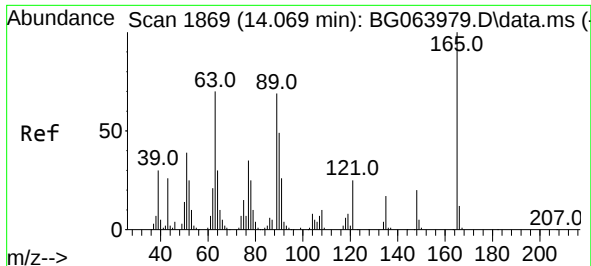
Tgt Ion:172 Resp: 1000336
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 24.3 19.4 29.2



#48
2-Nitroaniline
Concen: 5.082 ng
RT: 13.120 min Scan# 1707
Delta R.T. -0.450 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

Tgt Ion: 65 Resp: 1866
Ion Ratio Lower Upper
65 100
92 212.9 47.6 71.4#
138 42.3 70.6 106.0#

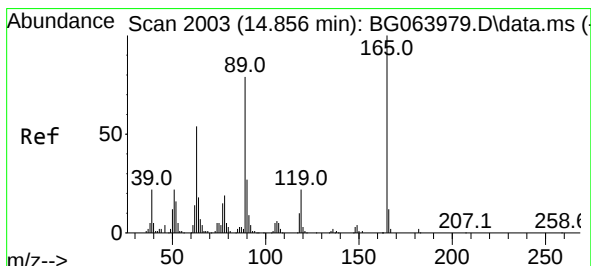
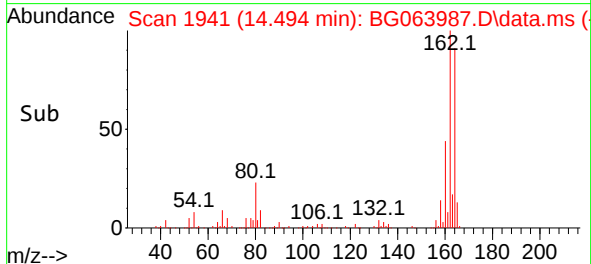
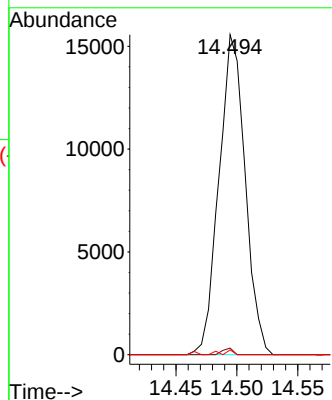
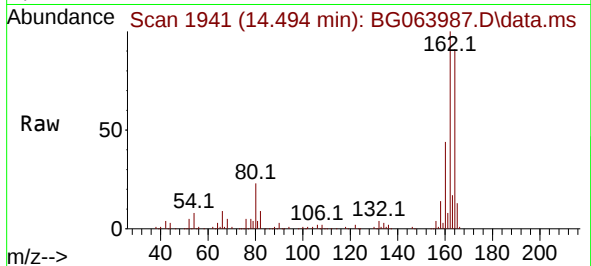




#51
2,6-Dinitrotoluene
Concen: 15.613 ng
RT: 14.494 min Scan# 1941
Delta R.T. 0.425 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

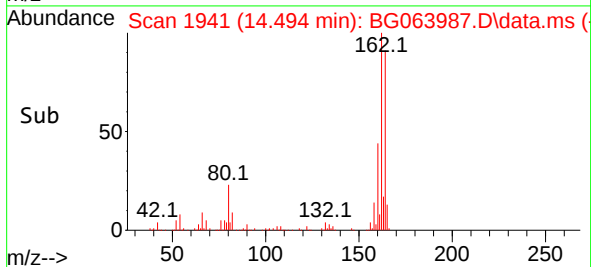
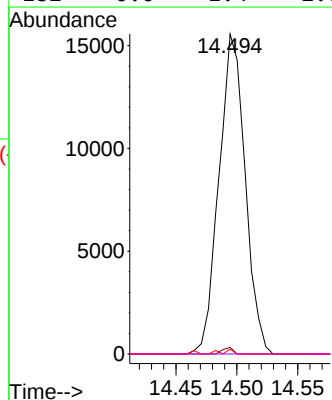
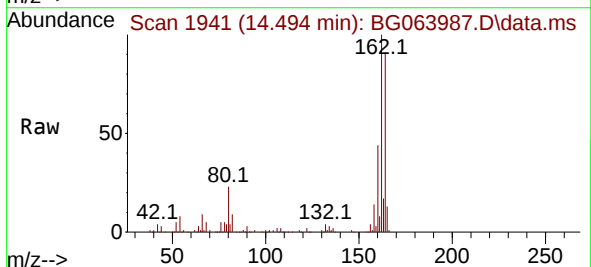
Instrument :
BNA_G
ClientSampleId :
PB166000BL

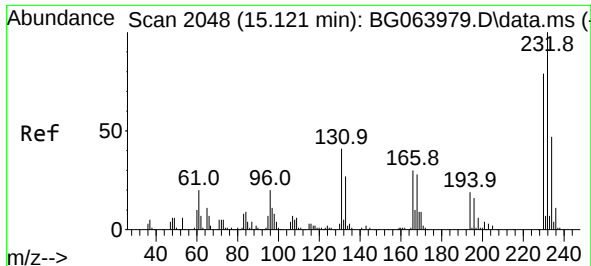
Tgt Ion:165 Resp: 23269
Ion Ratio Lower Upper
165 100
63 2.1 57.7 86.5#
89 1.5 55.6 83.4#



#57
2,4-Dinitrotoluene
Concen: 13.588 ng
RT: 14.494 min Scan# 1941
Delta R.T. -0.362 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

Tgt Ion:165 Resp: 23269
Ion Ratio Lower Upper
165 100
63 2.1 43.6 65.4#
89 1.5 63.1 94.7#
182 0.0 1.4 2.0#

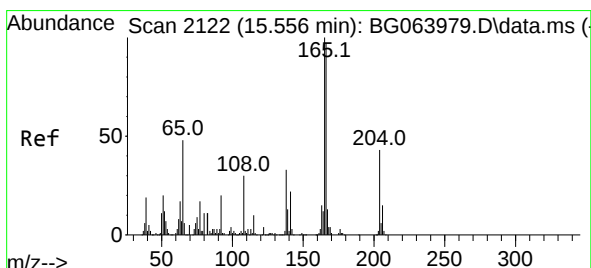
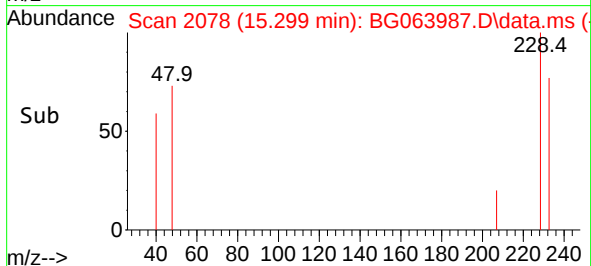
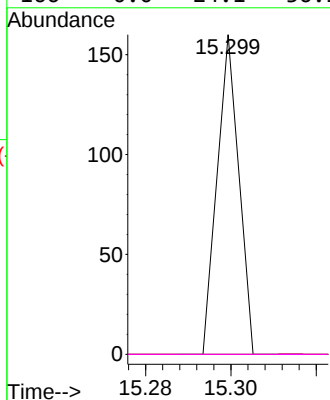
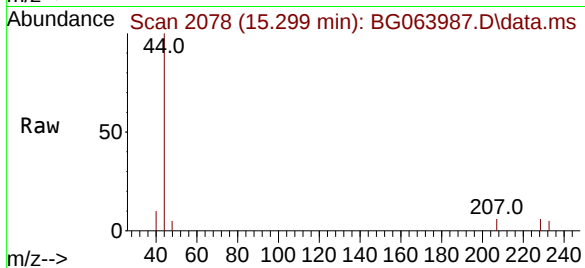




#59
2,3,4,6-Tetrachlorophenol
Concen: 5.226 ng
RT: 15.299 min Scan# 2048
Delta R.T. 0.178 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

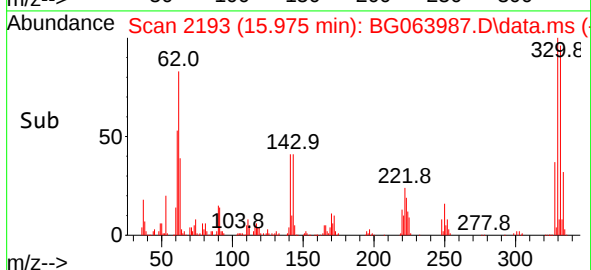
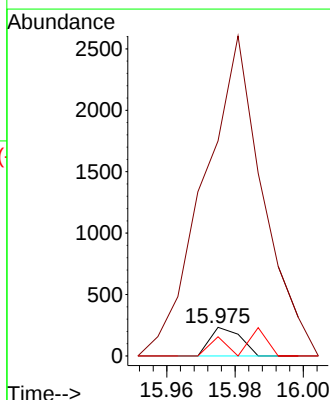
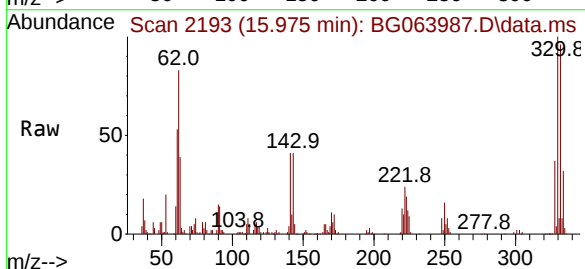
Instrument :
BNA_G
ClientSampleId :
PB166000BL

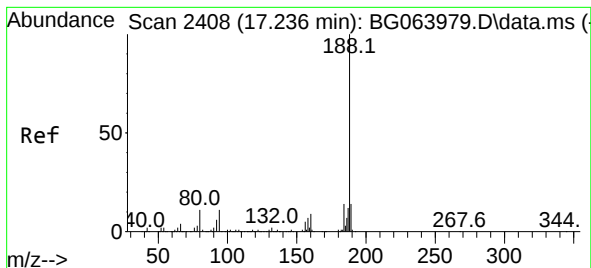
Tgt Ion:232 Resp: 56
Ion Ratio Lower Upper
232 100
131 0.0 34.0 51.0#
130 0.0 2.2 3.4#
166 0.0 24.1 36.1#



#62
4-Nitroaniline
Concen: 3.984 ng
RT: 15.975 min Scan# 2193
Delta R.T. 0.419 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

Tgt Ion:138 Resp: 144
Ion Ratio Lower Upper
138 100
92 751.1 40.3 80.3#
108 67.4 69.3 109.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.238 min Scan# 24

Delta R.T. 0.002 min

Lab File: BG063987.D

Acq: 4 Feb 2025 10:24

Instrument :

BNA_G

ClientSampleId :

PB166000BL

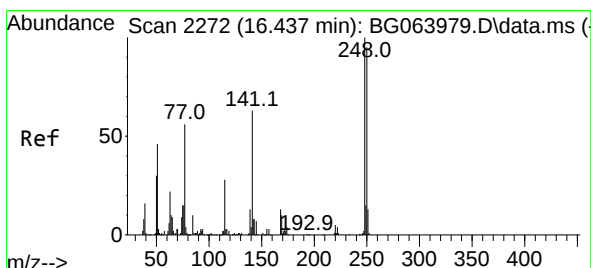
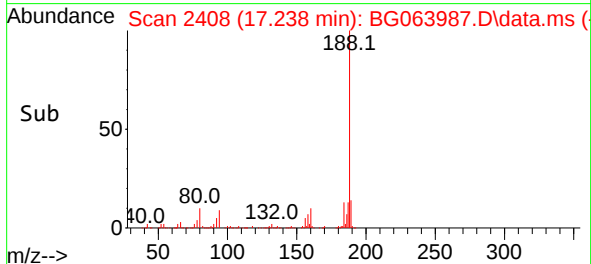
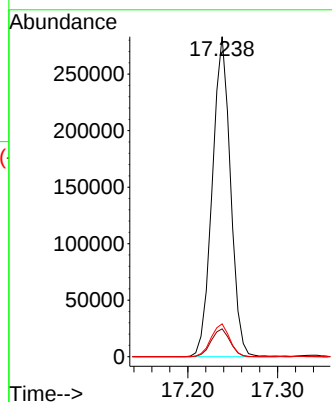
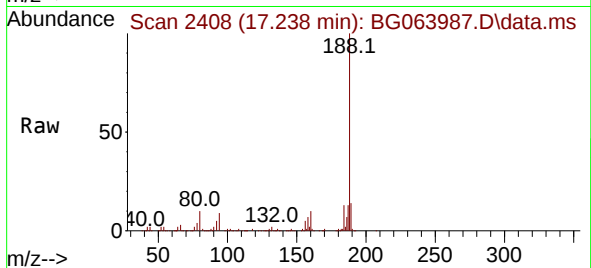
Tgt Ion:188 Resp: 398178

Ion Ratio Lower Upper

188 100

94 8.7 8.6 13.0

80 10.3 8.5 12.7



#67

4-Bromophenyl-phenylether

Concen: 3.564 ng

RT: 15.981 min Scan# 2194

Delta R.T. -0.456 min

Lab File: BG063987.D

Acq: 4 Feb 2025 10:24

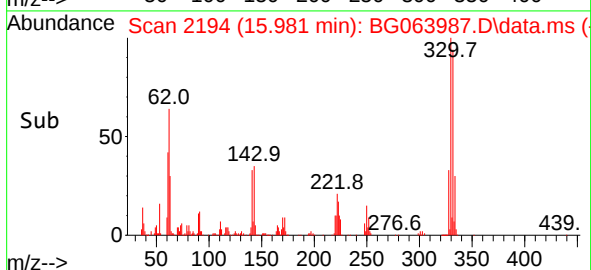
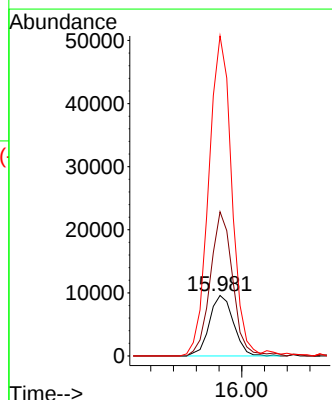
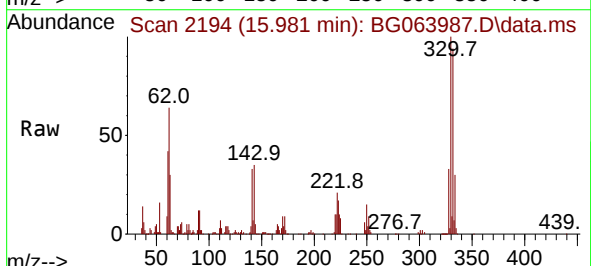
Tgt Ion:248 Resp: 14124

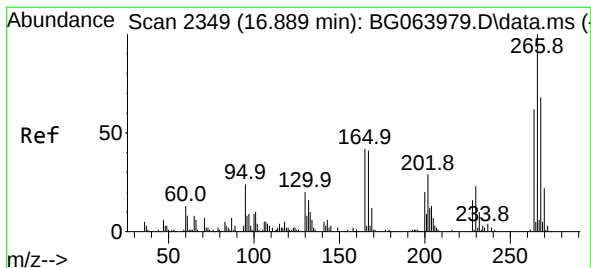
Ion Ratio Lower Upper

248 100

250 238.2 76.2 114.4#

141 528.7 50.6 75.8#





#70

Pentachlorophenol

Concen: 8.711 ng

RT: 16.827 min Scan# 21

Delta R.T. -0.062 min

Lab File: BG063987.D

Acq: 4 Feb 2025 10:24

Instrument :

BNA_G

ClientSampleId :

PB166000BL

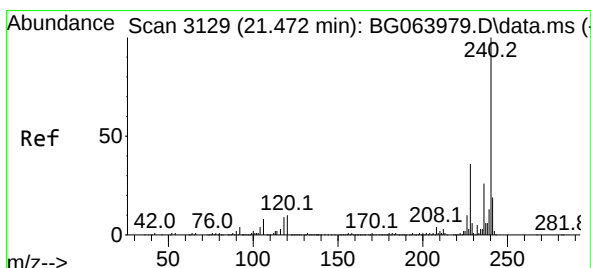
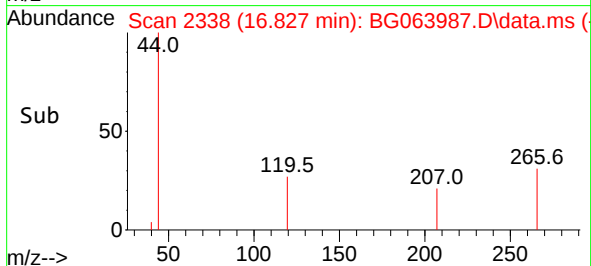
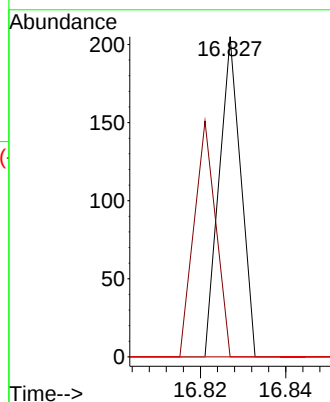
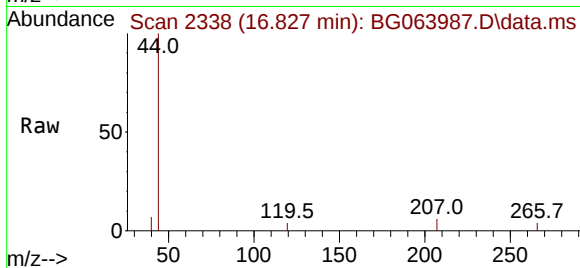
Tgt Ion:266 Resp: 72

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: 21.469 min Scan# 3128

Delta R.T. -0.004 min

Lab File: BG063987.D

Acq: 4 Feb 2025 10:24

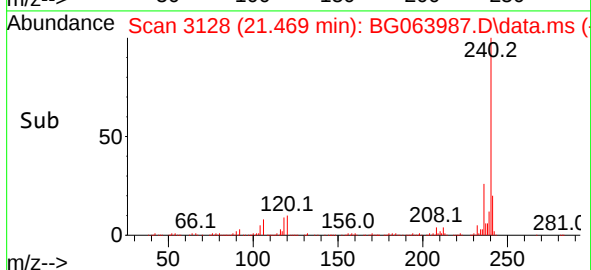
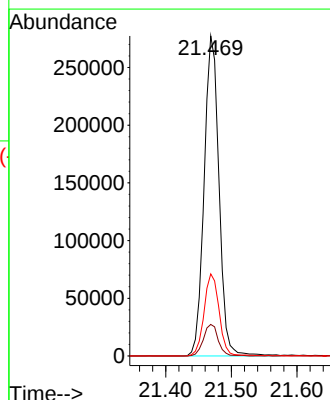
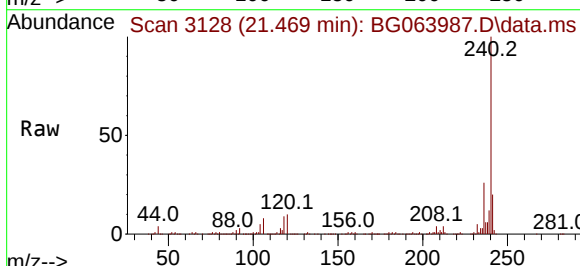
Tgt Ion:240 Resp: 439031

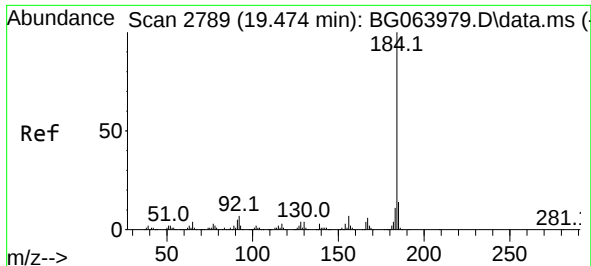
Ion Ratio Lower Upper

240 100

120 9.9 7.9 11.9

236 25.6 21.0 31.6

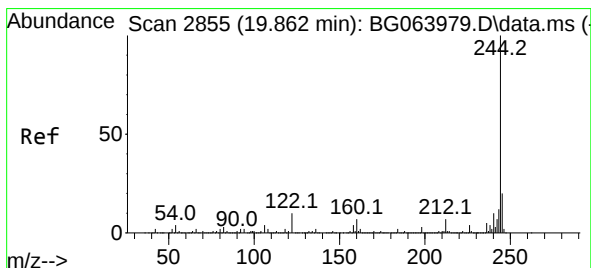
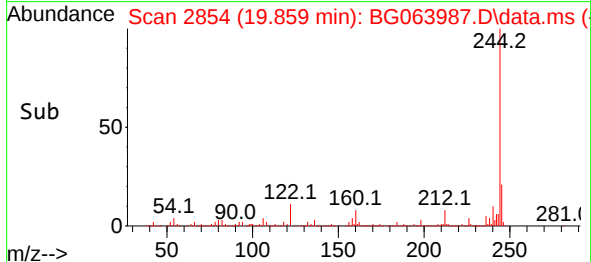
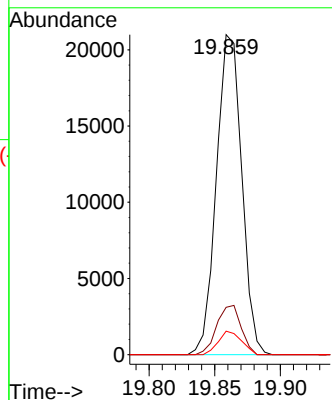
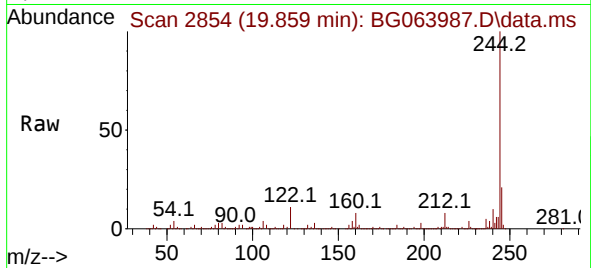




#77
Benzidine
Concen: 3.012 ng
RT: 19.859 min Scan# 21
Delta R.T. 0.384 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

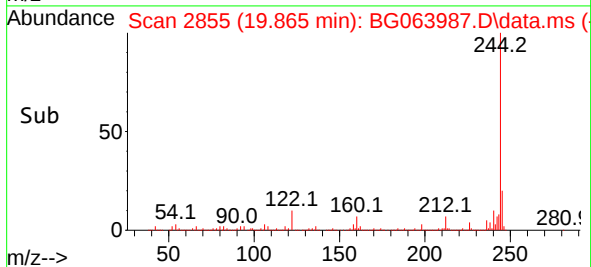
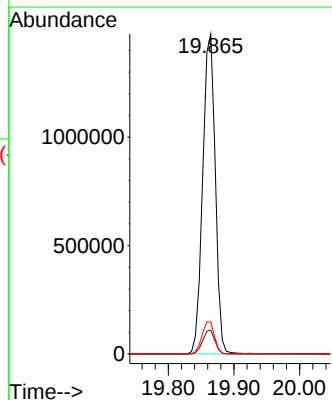
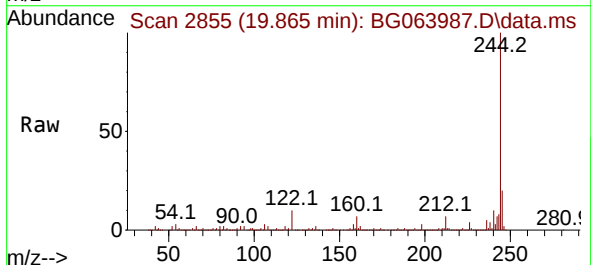
Instrument :
BNA_G
ClientSampleId :
PB166000BL

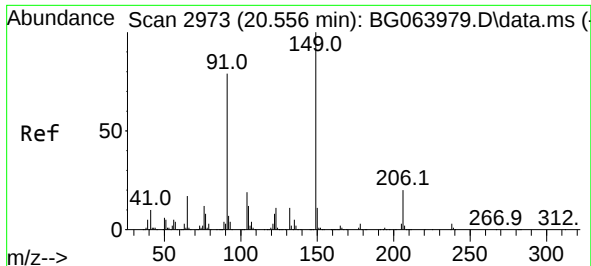
Tgt Ion:184 Resp: 28163
Ion Ratio Lower Upper
184 100
185 14.8 11.2 16.8
183 7.4 8.7 13.1#



#79
Terphenyl-d14
Concen: 93.826 ng
RT: 19.865 min Scan# 2855
Delta R.T. 0.002 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

Tgt Ion:244 Resp: 1972396
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 10.0 7.7 11.5

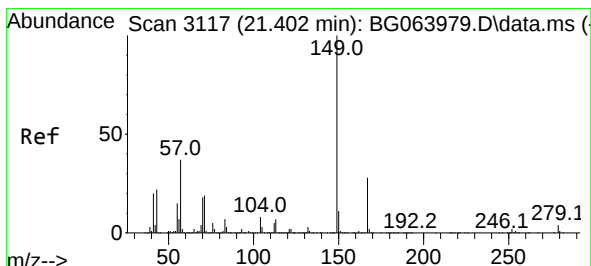
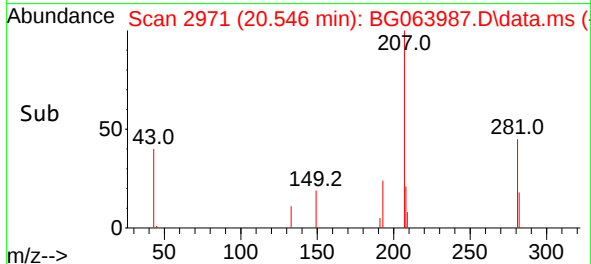
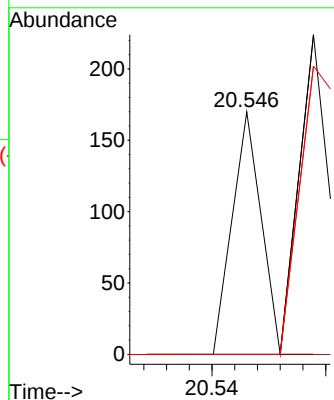
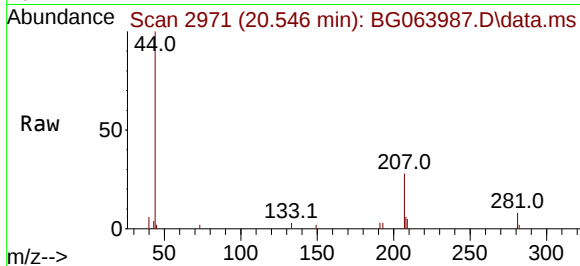




#80
Butylbenzylphthalate
Concen: 5.562 ng
RT: 20.546 min Scan# 2973
Delta R.T. -0.010 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

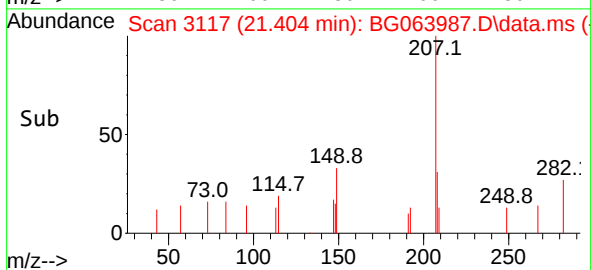
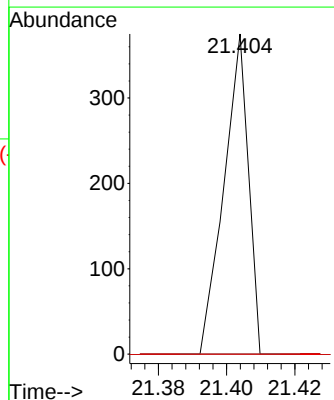
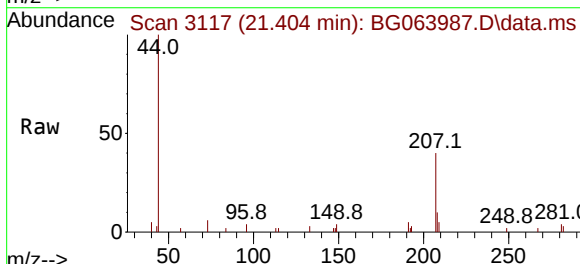
Instrument :
BNA_G
ClientSampleId :
PB166000BL

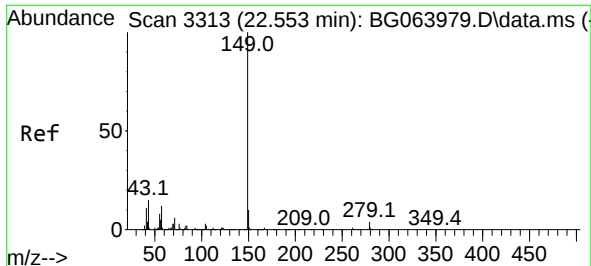
Tgt Ion:149 Resp: 60
Ion Ratio Lower Upper
149 100
91 0.0 63.0 94.6#
206 0.0 15.8 23.6#



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.479 ng
RT: 21.404 min Scan# 3117
Delta R.T. 0.002 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

Tgt Ion:149 Resp: 187
Ion Ratio Lower Upper
149 100
167 0.0 22.5 33.7#
279 0.0 3.0 4.4#

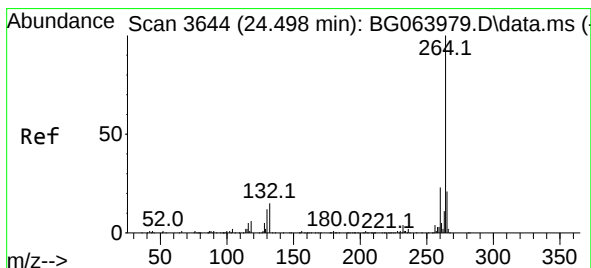
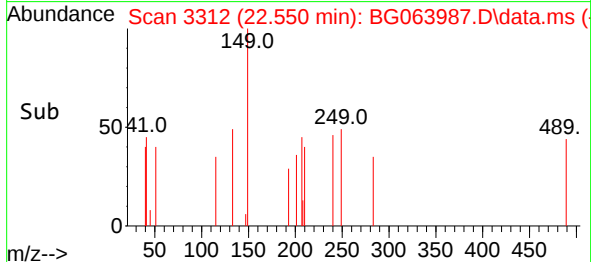
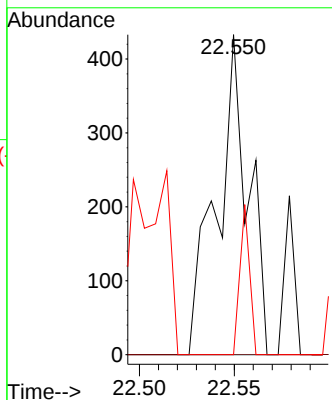
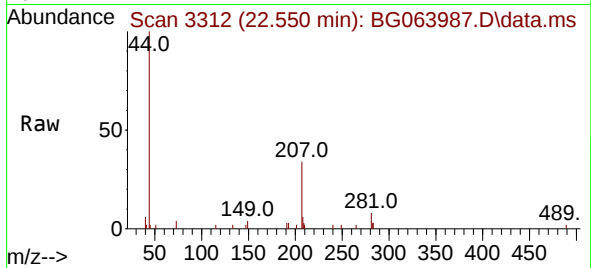




#85
Di-n-octyl phthalate
Concen: 6.959 ng
RT: 22.550 min Scan# 311
Delta R.T. -0.003 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

Instrument :
BNA_G
ClientSampleId :
PB166000BL

Tgt Ion:149 Resp: 498
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 14.5 12.3 18.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.500 min Scan# 3644
Delta R.T. 0.002 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

Tgt Ion:264 Resp: 453247
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 21.1 16.6 24.8

