

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042523\
 Data File : BG057184.D
 Acq On : 25 Apr 2023 20:03
 Operator : CG/JU
 Sample : 02386-03DL 100X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPA-1WC-23-04DL

Quant Time: Apr 26 00:25:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 04:59:02 2023
 Response via : Initial Calibration

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

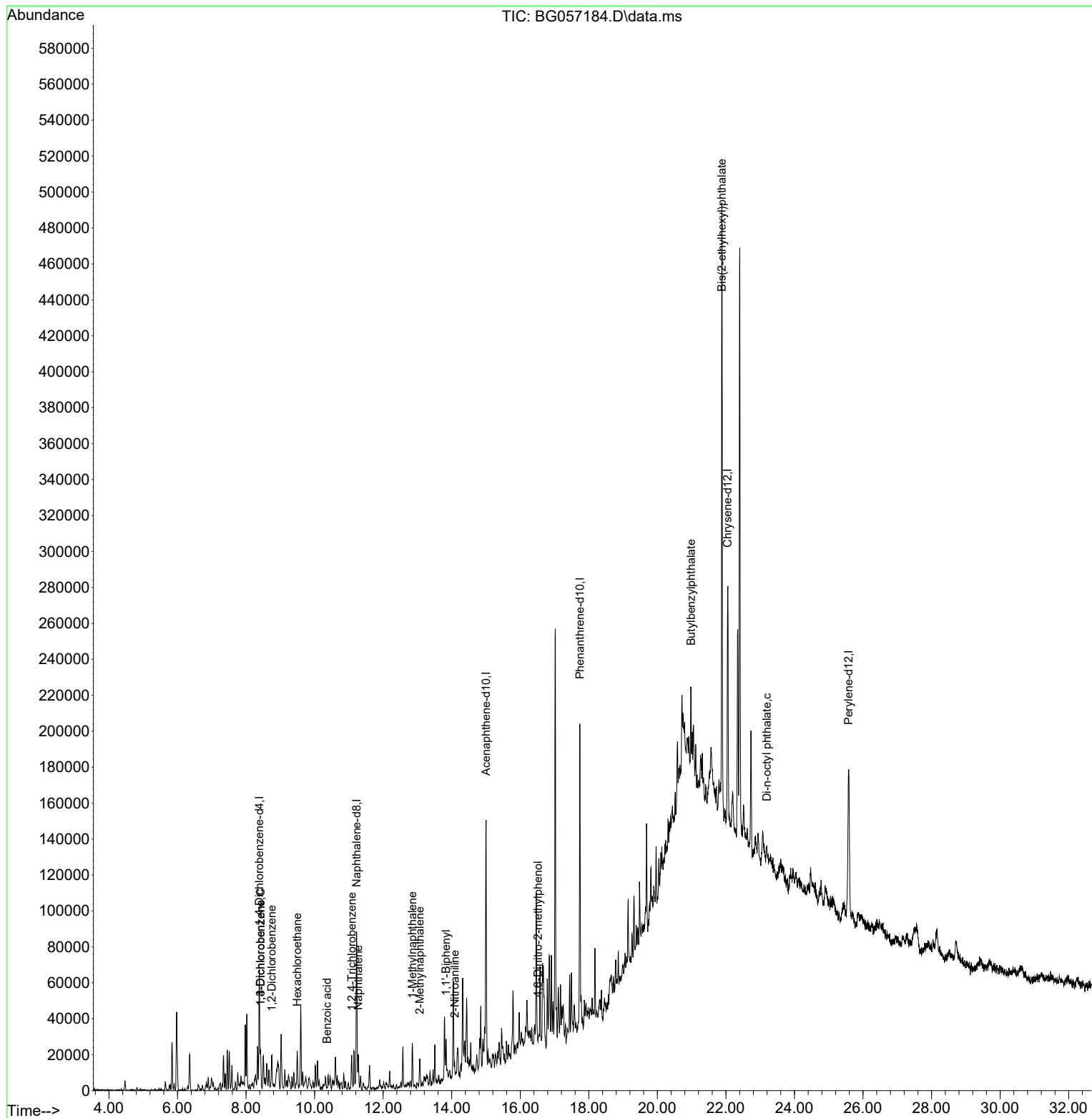
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.386	152	16972	20.000	ng	0.00
21) Naphthalene-d8	11.224	136	68158	20.000	ng	0.00
39) Acenaphthene-d10	15.001	164	47110	20.000	ng	0.00
64) Phenanthrene-d10	17.738	188	102144	20.000	ng	# 0.00
76) Chrysene-d12	22.050	240	89492	20.000	ng	# 0.00
86) Perylene-d12	25.581	264	98210	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.907	112	655	0.699	ng	0.00
7) Phenol-d6	7.523	99	1226	0.905	ng	0.00
23) Nitrobenzene-d5	9.561	82	1061	0.770	ng	0.00
42) 2,4,6-Tribromophenol	16.481	330	235	0.378	ng	0.00
45) 2-Fluorobiphenyl	13.620	172	2285	0.652	ng	0.00
79) Terphenyl-d14	20.305	244	3544	0.693	ng	0.00
Target Compounds						Qvalue
12) 1,3-Dichlorobenzene	8.422	146	6364	5.476	ng	85
13) 1,4-Dichlorobenzene	8.422	146	6364	5.433	ng	90
14) 1,2-Dichlorobenzene	8.745	146	7476	6.611	ng	100
18) Hexachloroethane	9.491	117	1165	2.932	ng	# 1
30) 1,2,4-Trichlorobenzene	11.083	180	6070	4.483	ng	95
31) Naphthalene	11.276	128	12583	3.476	ng	98
32) Benzoic acid	10.366	122	85	6.295	ng	# 24
37) 2-Methylnaphthalene	13.068	142	6445	2.262	ng	93
38) 1-Methylnaphthalene	12.851	142	11367	4.322	ng	98
46) 1,1'-Biphenyl	13.832	154	9746	2.775	ng	99
48) 2-Nitroaniline	14.084	65	164	4.850	ng	# 4
65) 4,6-Dinitro-2-methylph...	16.516	198	61	4.981	ng	# 1
80) Butylbenzylphthalate	20.981	149	2279	4.557	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.880	149	144293	56.845	ng	98
85) Di-n-octyl phthalate	23.190	149	8192	2.041	ng	# 93

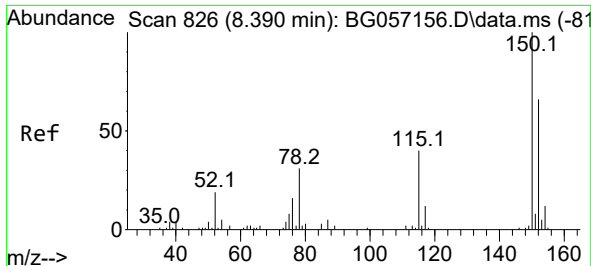
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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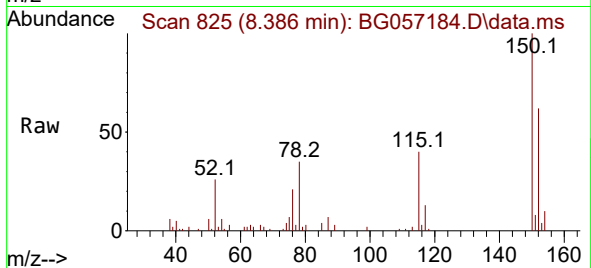
Quant Time: Apr 26 00:25:07 2023
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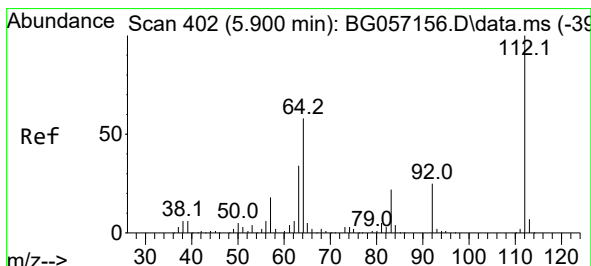
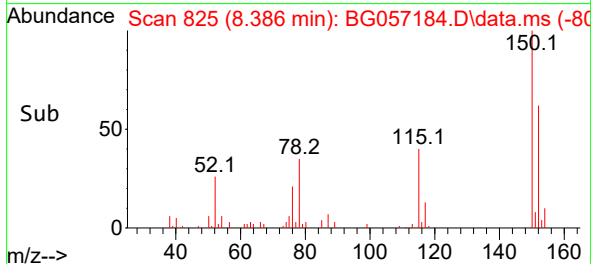
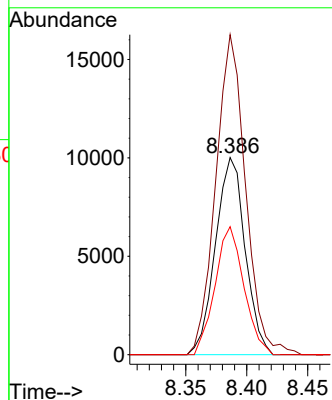


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.386 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG057184.D
Acq: 25 Apr 2023 20:03

Instrument :
BNA_G
ClientSampleId :
SPA-1WC-23-04DL

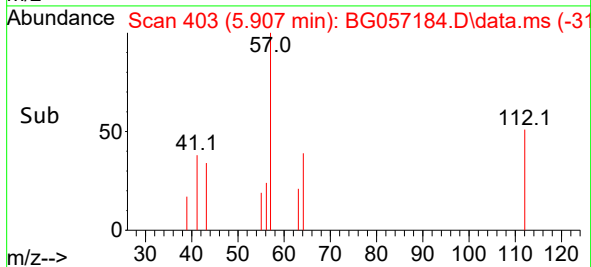
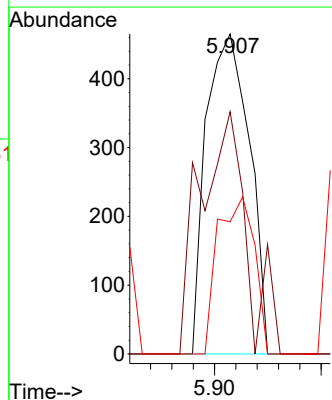
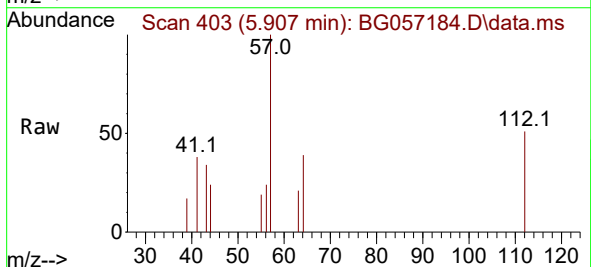


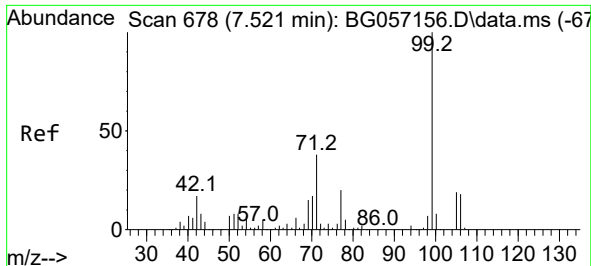
Tgt Ion:152 Resp: 16972
Ion Ratio Lower Upper
152 100
150 162.3 121.4 182.2
115 64.9 48.1 72.1



#5
2-Fluorophenol
Concen: 0.699 ng
RT: 5.907 min Scan# 403
Delta R.T. 0.008 min
Lab File: BG057184.D
Acq: 25 Apr 2023 20:03

Tgt Ion:112 Resp: 655
Ion Ratio Lower Upper
112 100
64 75.7 46.7 70.1#
63 41.3 26.9 40.3#

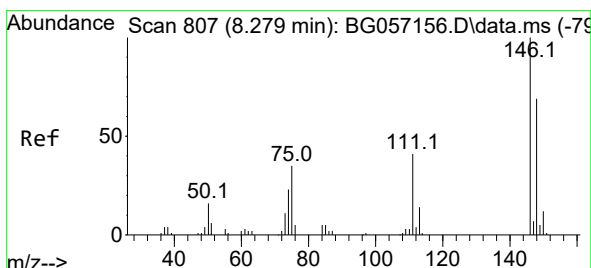
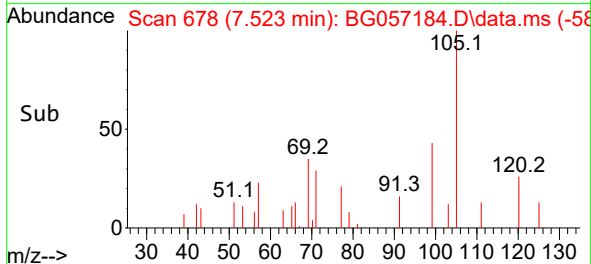
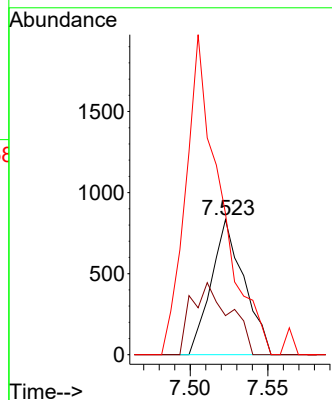
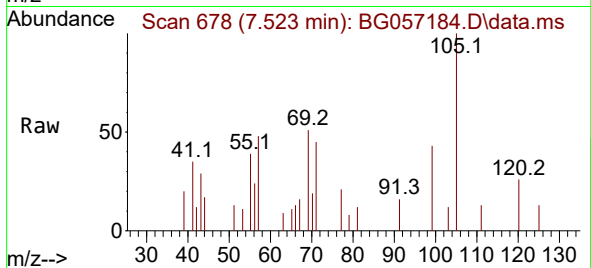




#7
Phenol-d6
Concen: 0.905 ng
RT: 7.523 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG057184.D
Acq: 25 Apr 2023 20:03

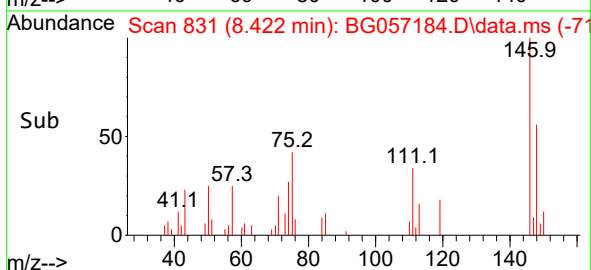
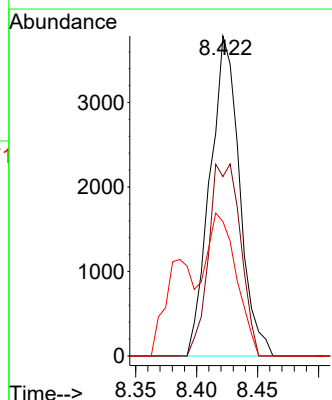
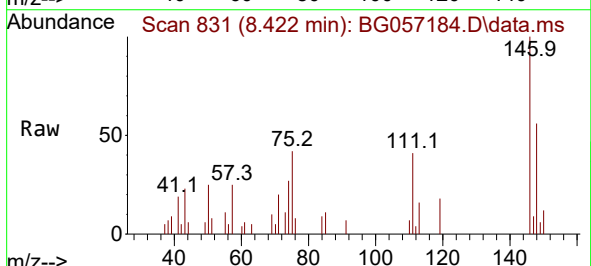
Instrument :
BNA_G
ClientSampleId :
SPA-1WC-23-04DL

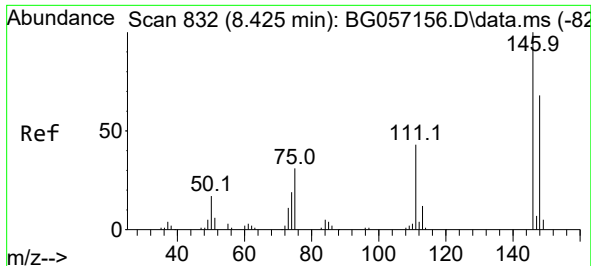
Tgt Ion: 99 Resp: 1226
Ion Ratio Lower Upper
99 100
42 28.9 13.4 20.0#
71 104.7 30.2 45.2#



#12
1,3-Dichlorobenzene
Concen: 5.476 ng
RT: 8.422 min Scan# 831
Delta R.T. 0.143 min
Lab File: BG057184.D
Acq: 25 Apr 2023 20:03

Tgt Ion: 146 Resp: 6364
Ion Ratio Lower Upper
146 100
148 56.1 55.4 83.2
75 42.0 28.2 42.4

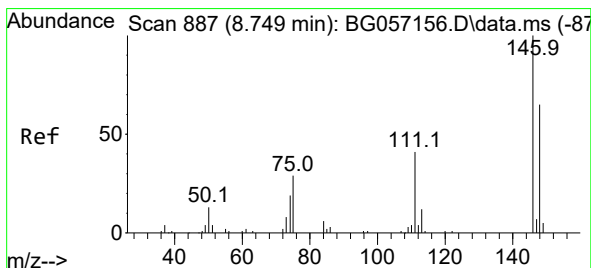
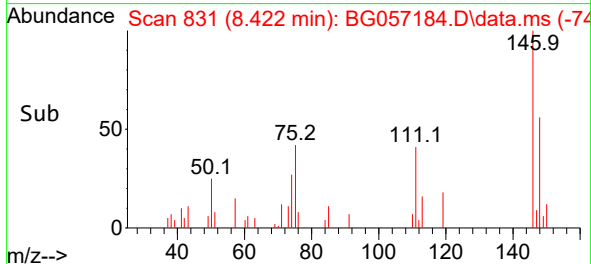
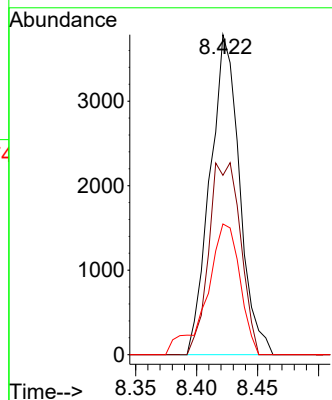
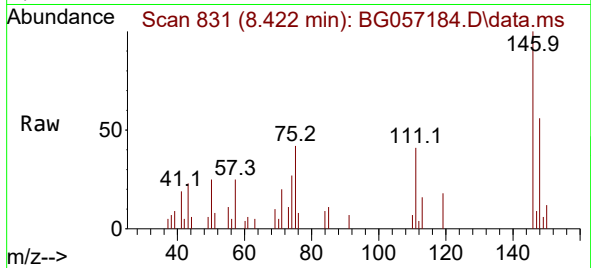




#13
1,4-Dichlorobenzene
Concen: 5.433 ng
RT: 8.422 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG057184.D
Acq: 25 Apr 2023 20:03

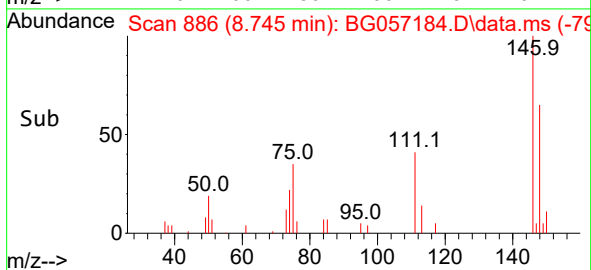
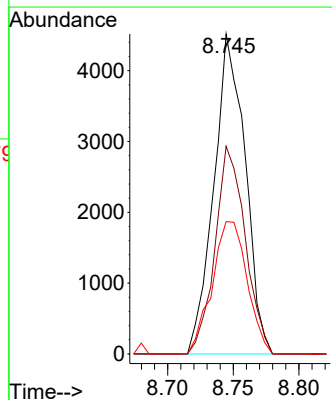
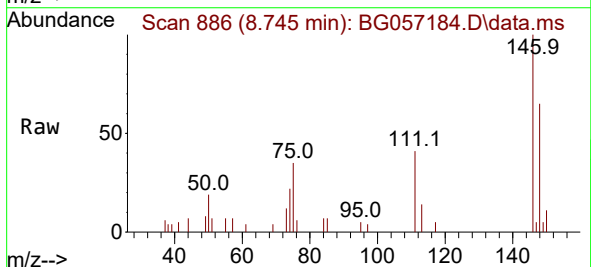
Instrument :
BNA_G
ClientSampleId :
SPA-1WC-23-04DL

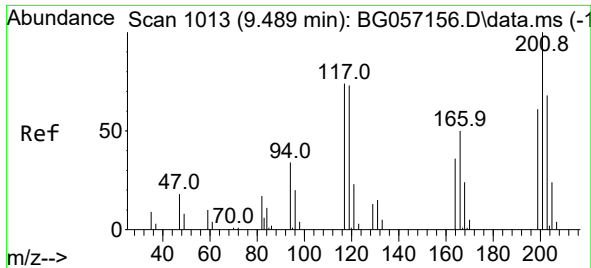
Tgt Ion:146 Resp: 6364
Ion Ratio Lower Upper
146 100
148 56.1 54.3 81.5
111 40.8 34.2 51.4



#14
1,2-Dichlorobenzene
Concen: 6.611 ng
RT: 8.745 min Scan# 886
Delta R.T. -0.004 min
Lab File: BG057184.D
Acq: 25 Apr 2023 20:03

Tgt Ion:146 Resp: 7476
Ion Ratio Lower Upper
146 100
148 64.9 52.3 78.5
111 41.3 33.1 49.7

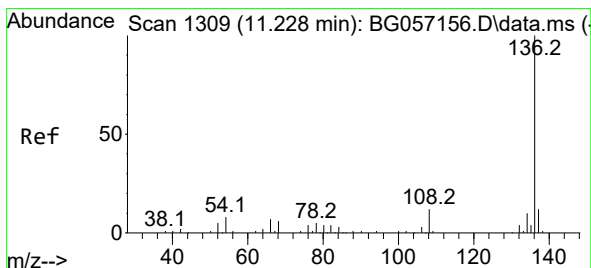
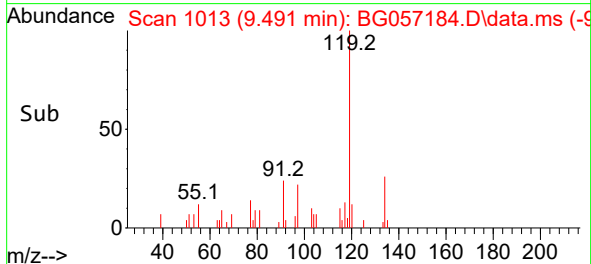
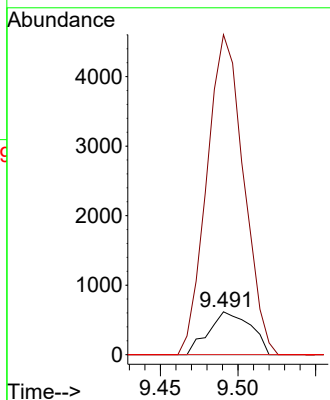
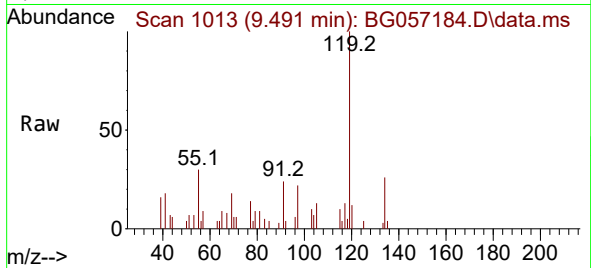




#18
Hexachloroethane
Concen: 2.932 ng
RT: 9.491 min Scan# 1013
Delta R.T. 0.002 min
Lab File: BG057184.D
Acq: 25 Apr 2023 20:03

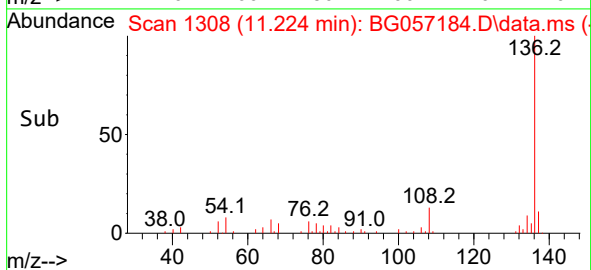
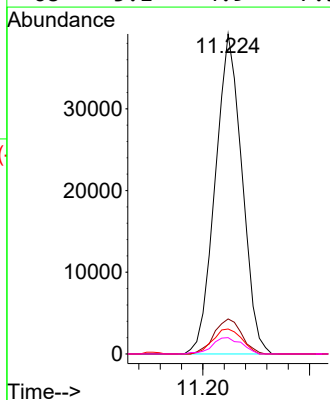
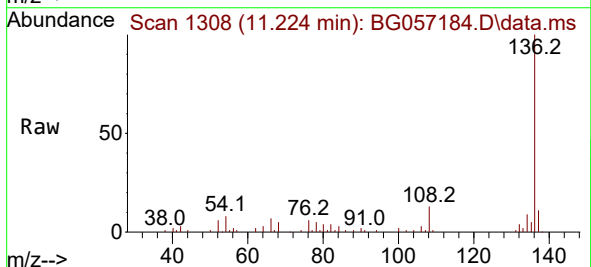
Instrument :
BNA_G
ClientSampleId :
SPA-1WC-23-04DL

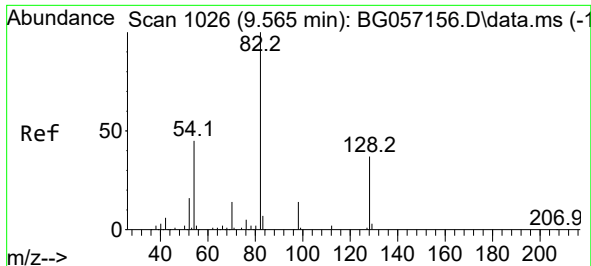
Tgt Ion:117 Resp: 1165
Ion Ratio Lower Upper
117 100
119 744.8 78.3 117.5#
201 0.0 107.6 161.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.224 min Scan# 1308
Delta R.T. -0.004 min
Lab File: BG057184.D
Acq: 25 Apr 2023 20:03

Tgt Ion:136 Resp: 68158
Ion Ratio Lower Upper
136 100
137 11.0 9.5 14.3
54 7.8 6.4 9.6
68 5.1 4.9 7.3

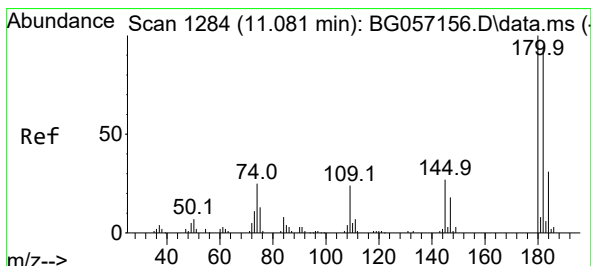
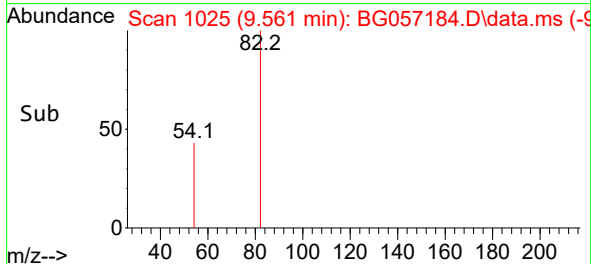
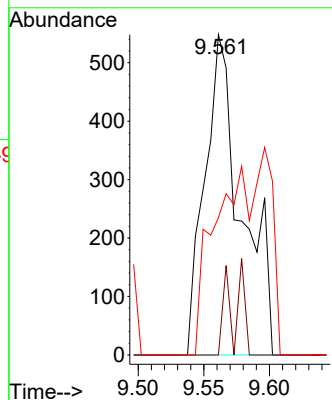
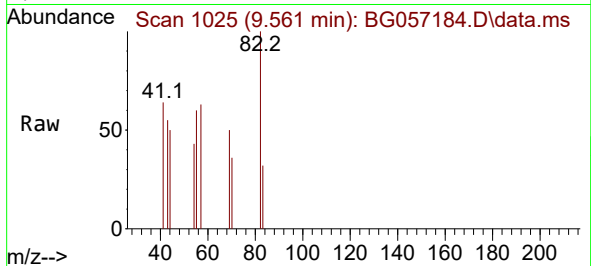




#23
Nitrobenzene-d5
Concen: 0.770 ng
RT: 9.561 min Scan# 1025
Delta R.T. -0.004 min
Lab File: BG057184.D
Acq: 25 Apr 2023 20:03

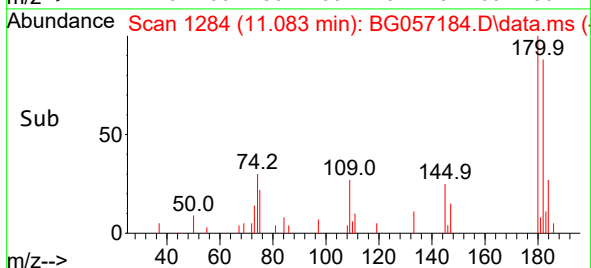
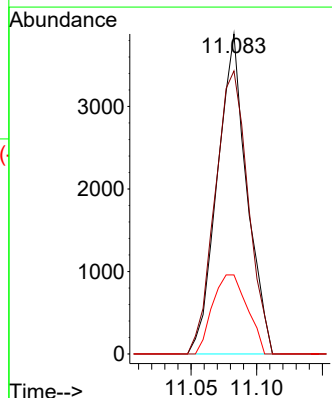
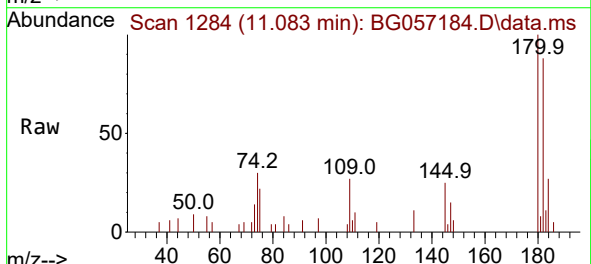
Instrument :
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ClientSampleId :
SPA-1WC-23-04DL

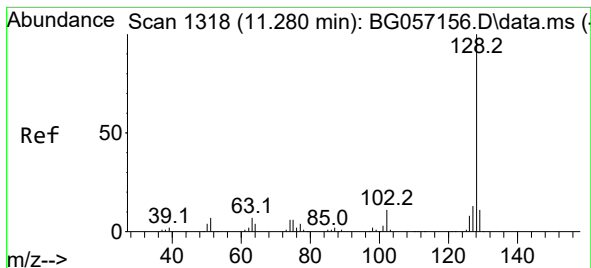
Tgt Ion: 82 Resp: 1061
Ion Ratio Lower Upper
82 100
128 0.0 29.4 44.2#
54 42.9 36.2 54.2



#30
1,2,4-Trichlorobenzene
Concen: 4.483 ng
RT: 11.083 min Scan# 1284
Delta R.T. 0.002 min
Lab File: BG057184.D
Acq: 25 Apr 2023 20:03

Tgt Ion:180 Resp: 6070
Ion Ratio Lower Upper
180 100
182 88.5 75.0 112.6
145 24.7 21.4 32.2





#31

Naphthalene

Concen: 3.476 ng

RT: 11.276 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG057184.D

Acq: 25 Apr 2023 20:03

Instrument :

BNA_G

ClientSampleId :

SPA-1WC-23-04DL

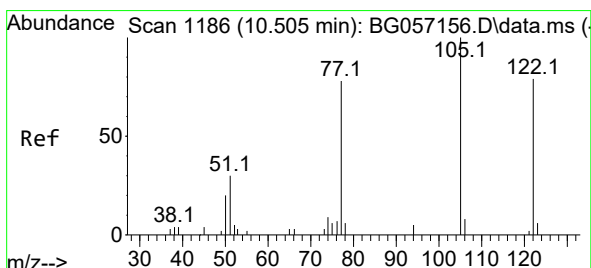
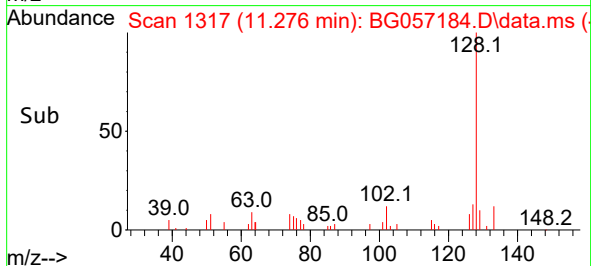
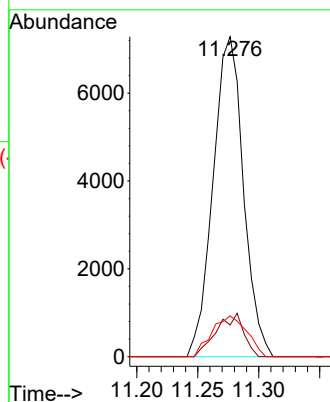
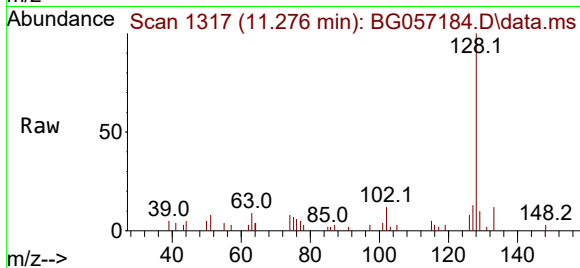
Tgt Ion:128 Resp: 12583

Ion Ratio Lower Upper

128 100

129 9.9 8.8 13.2

127 12.8 10.6 16.0



#32

Benzoic acid

Concen: 6.295 ng

RT: 10.366 min Scan# 1162

Delta R.T. -0.139 min

Lab File: BG057184.D

Acq: 25 Apr 2023 20:03

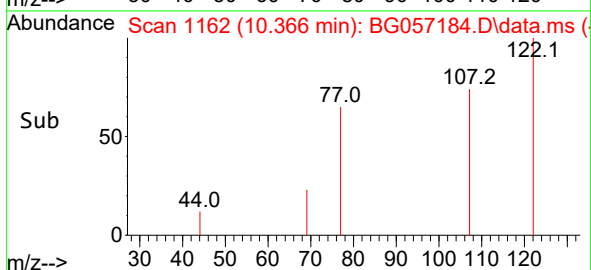
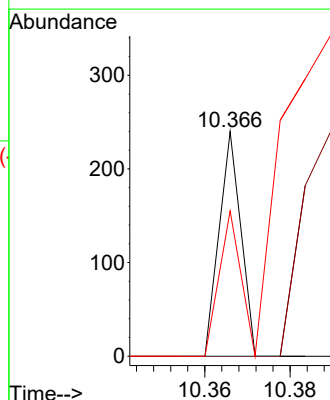
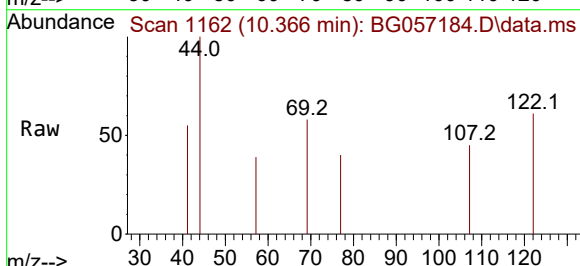
Tgt Ion:122 Resp: 85

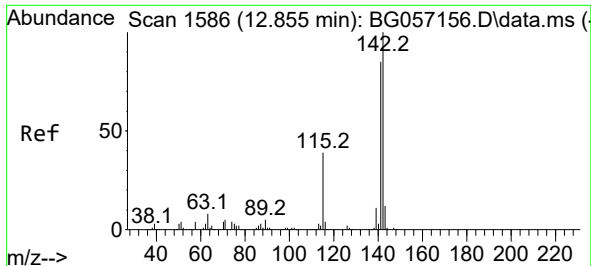
Ion Ratio Lower Upper

122 100

105 0.0 104.3 144.3#

77 64.6 79.5 119.5#

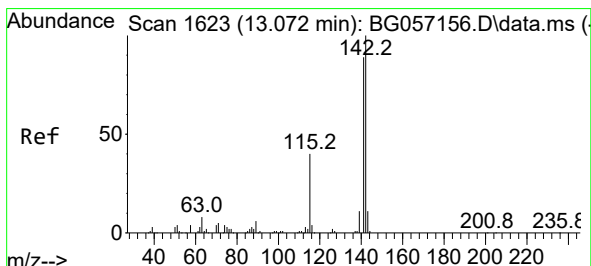
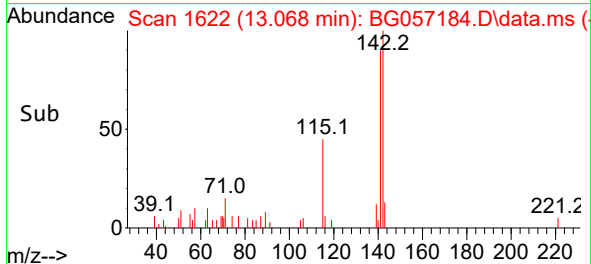
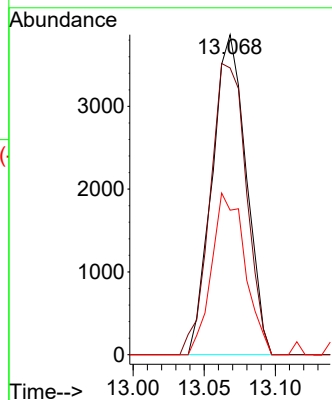
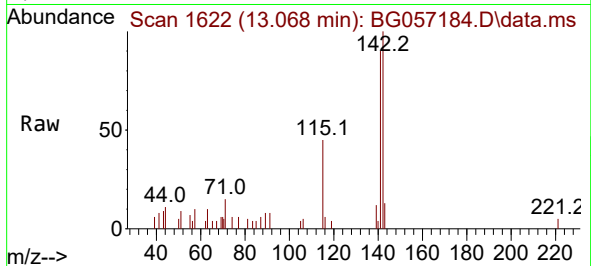




#37
2-Methylnaphthalene
Concen: 2.262 ng
RT: 13.068 min Scan# 1
Delta R.T. 0.213 min
Lab File: BG057184.D
Acq: 25 Apr 2023 20:03

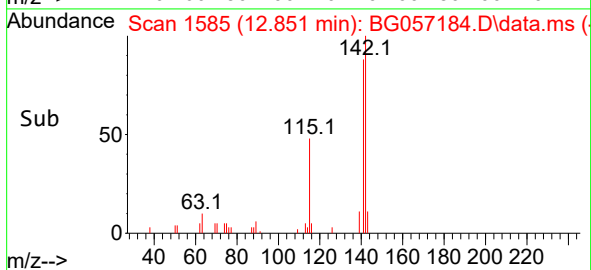
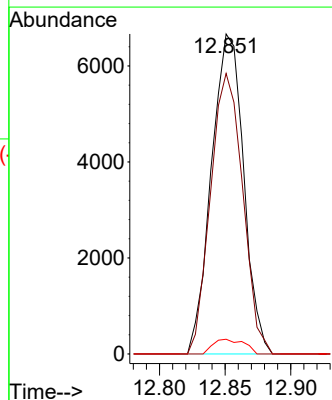
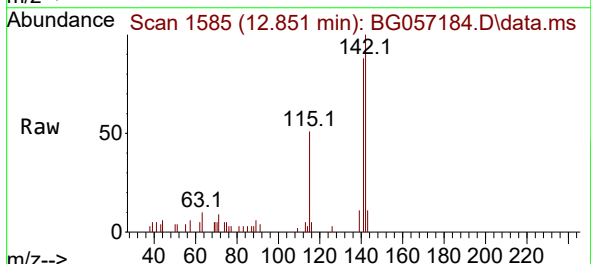
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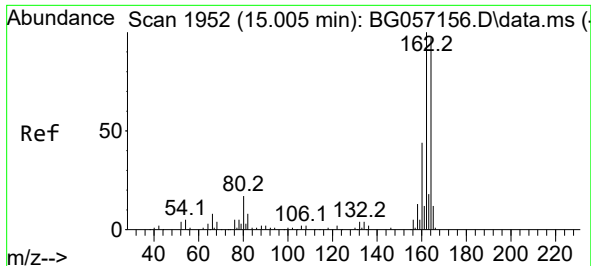
Tgt Ion:142 Resp: 6445
Ion Ratio Lower Upper
142 100
141 89.6 68.1 102.1
115 45.1 31.0 46.4



#38
1-Methylnaphthalene
Concen: 4.322 ng
RT: 12.851 min Scan# 1585
Delta R.T. -0.221 min
Lab File: BG057184.D
Acq: 25 Apr 2023 20:03

Tgt Ion:142 Resp: 11367
Ion Ratio Lower Upper
142 100
141 87.7 71.6 107.4
116 4.6 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.001 min Scan# 1951

Delta R.T. -0.004 min

Lab File: BG057184.D

Acq: 25 Apr 2023 20:03

Instrument :

BNA_G

ClientSampleId :

SPA-1WC-23-04DL

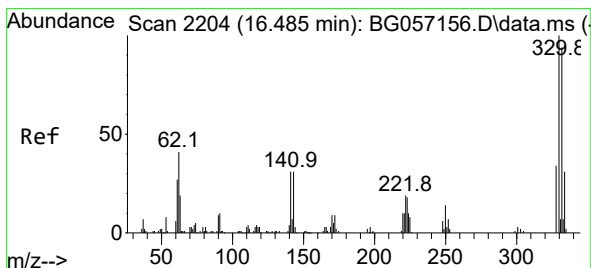
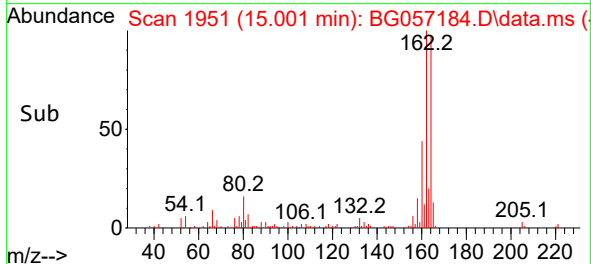
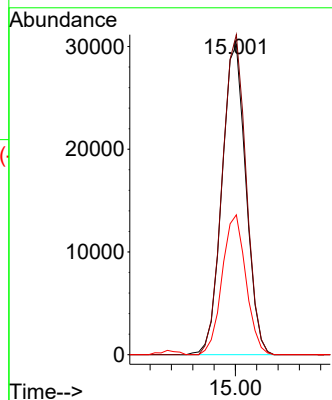
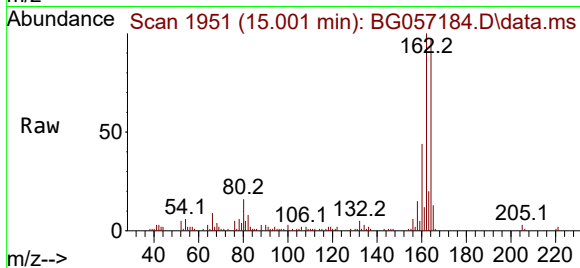
Tgt Ion:164 Resp: 47110

Ion Ratio Lower Upper

164 100

162 103.2 82.4 123.6

160 45.1 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 0.378 ng

RT: 16.481 min Scan# 2203

Delta R.T. -0.004 min

Lab File: BG057184.D

Acq: 25 Apr 2023 20:03

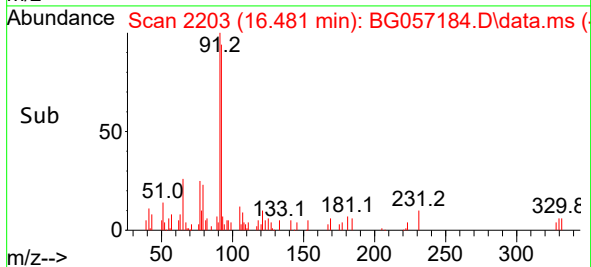
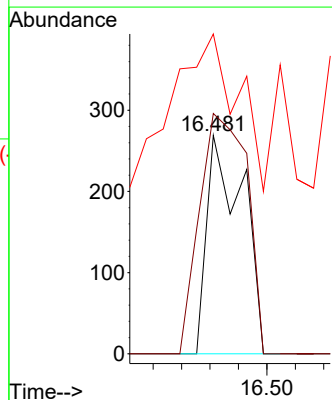
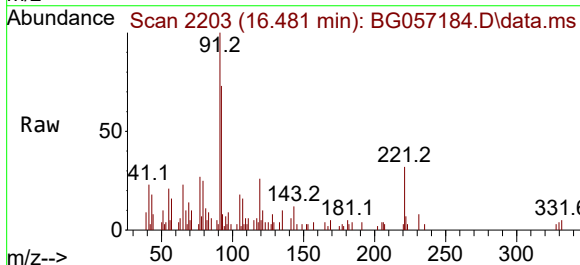
Tgt Ion:330 Resp: 235

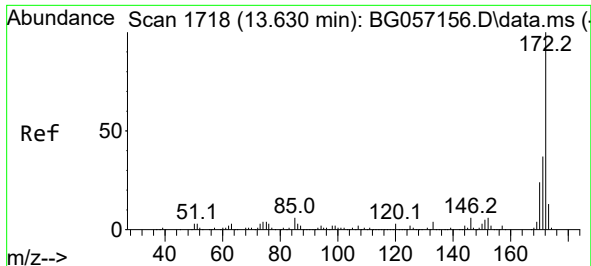
Ion Ratio Lower Upper

330 100

332 146.0 77.6 116.4#

141 326.4 26.0 39.0#

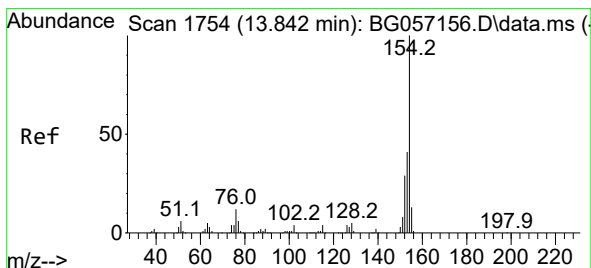
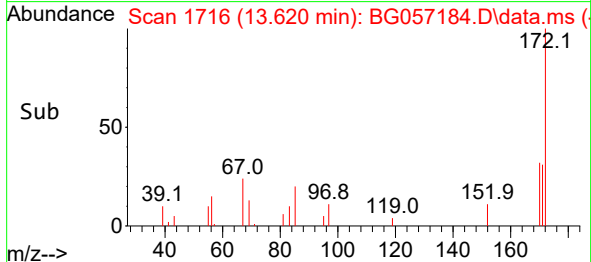
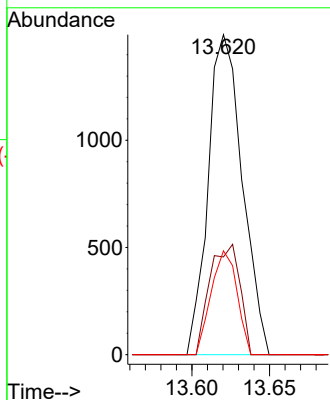
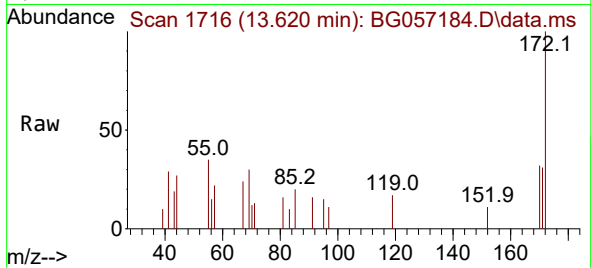




#45
2-Fluorobiphenyl
Concen: 0.652 ng
RT: 13.620 min Scan# 1716
Delta R.T. -0.010 min
Lab File: BG057184.D
Acq: 25 Apr 2023 20:03

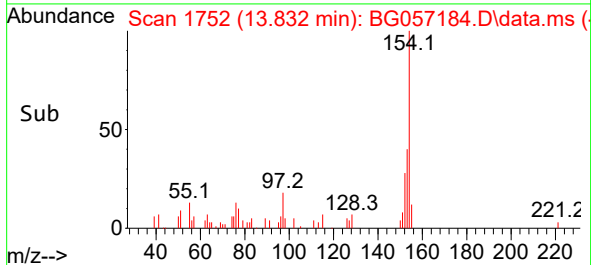
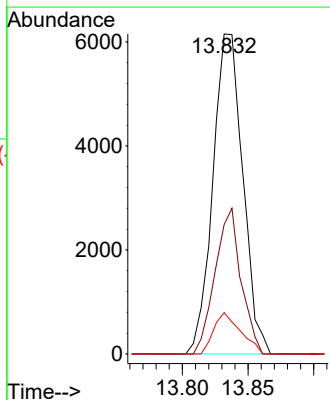
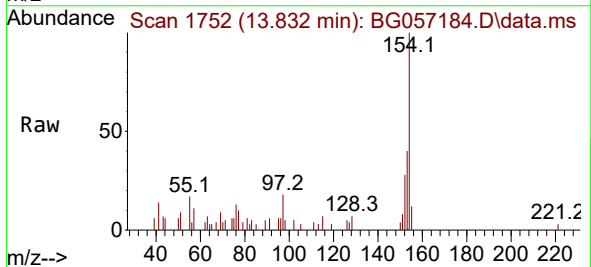
Instrument :
BNA_G
ClientSampleId :
SPA-1WC-23-04DL

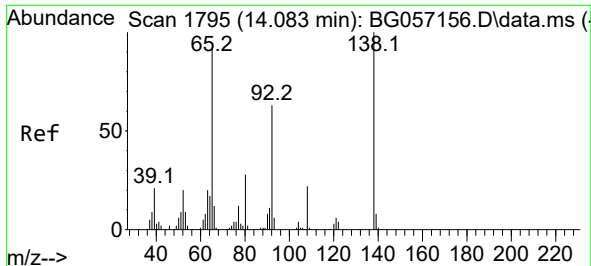
Tgt Ion:172 Resp: 2285
Ion Ratio Lower Upper
172 100
171 30.5 29.2 43.8
170 32.4 19.4 29.2#



#46
1,1'-Biphenyl
Concen: 2.775 ng
RT: 13.832 min Scan# 1752
Delta R.T. -0.010 min
Lab File: BG057184.D
Acq: 25 Apr 2023 20:03

Tgt Ion:154 Resp: 9746
Ion Ratio Lower Upper
154 100
153 40.4 20.9 60.9
76 12.9 0.0 32.3

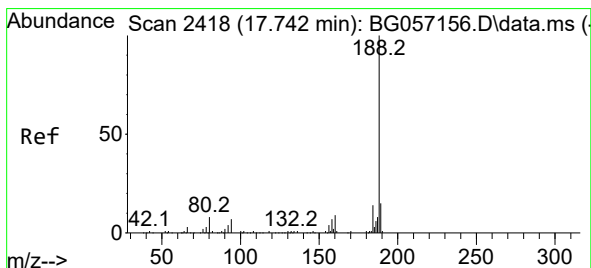
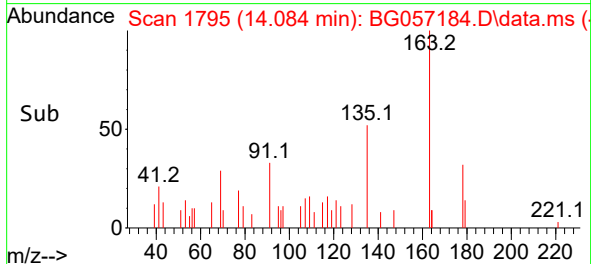
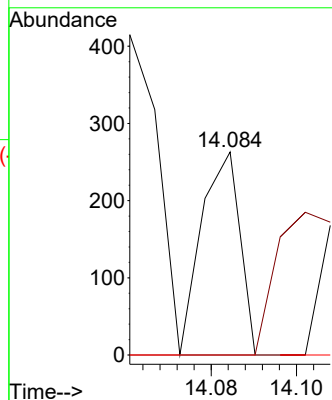
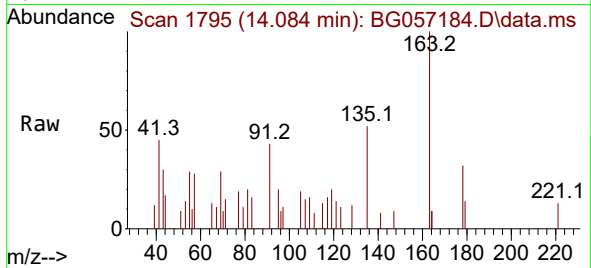




#48
2-Nitroaniline
Concen: 4.850 ng
RT: 14.084 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG057184.D
Acq: 25 Apr 2023 20:03

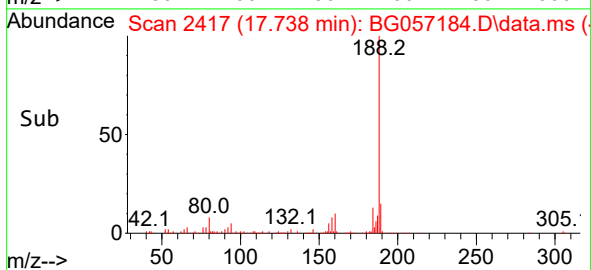
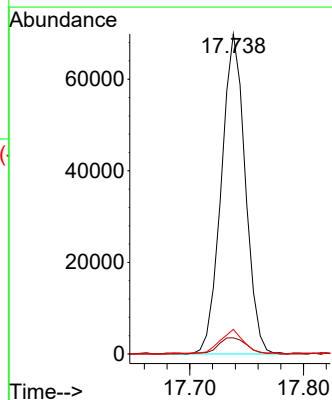
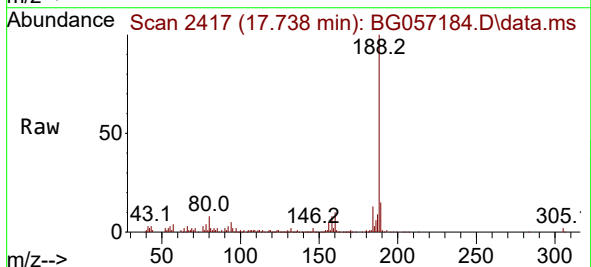
Instrument :
BNA_G
ClientSampleId :
SPA-1WC-23-04DL

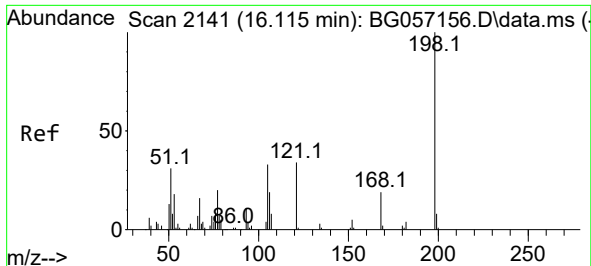
Tgt Ion: 65 Resp: 164
Ion Ratio Lower Upper
65 100
92 0.0 54.9 82.3#
138 0.0 86.6 129.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.738 min Scan# 2417
Delta R.T. -0.004 min
Lab File: BG057184.D
Acq: 25 Apr 2023 20:03

Tgt Ion:188 Resp: 102144
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 7.7 6.2 9.2

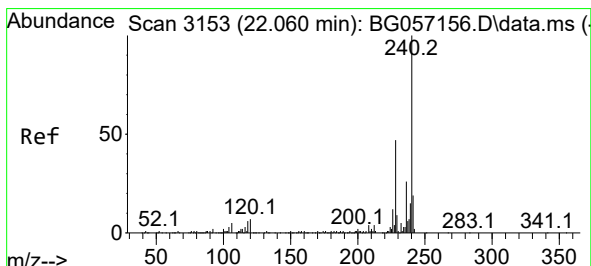
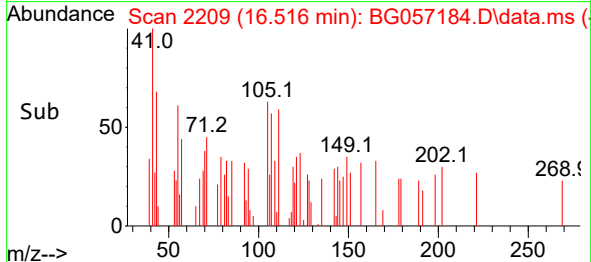
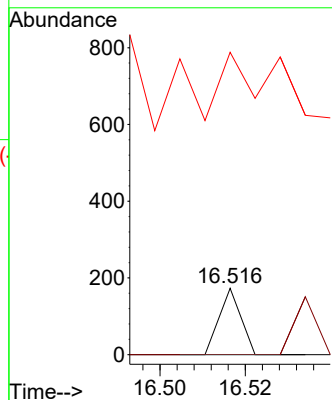
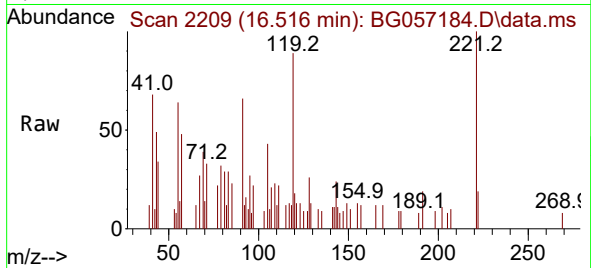




#65
4,6-Dinitro-2-methylphenol
Concen: 4.981 ng
RT: 16.516 min Scan# 2141
Delta R.T. 0.401 min
Lab File: BG057184.D
Acq: 25 Apr 2023 20:03

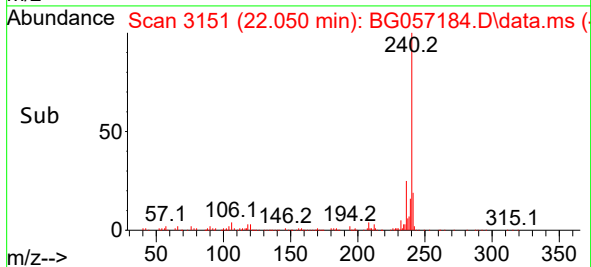
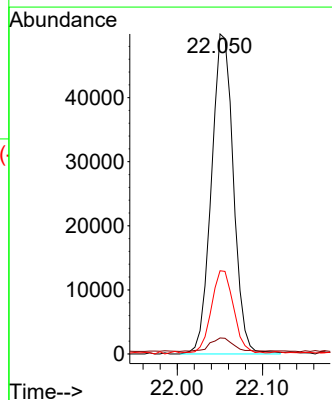
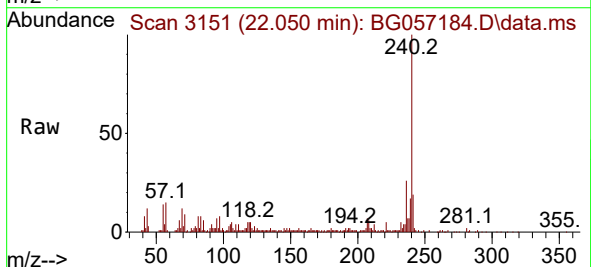
Instrument :
BNA_G
ClientSampleId :
SPA-1WC-23-04DL

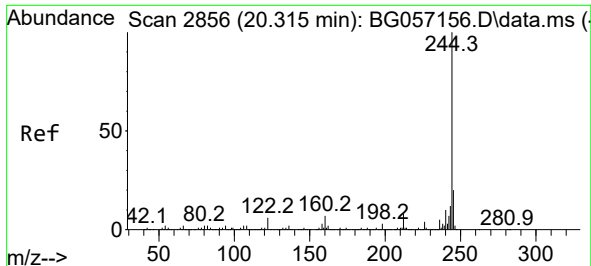
Tgt Ion:198 Resp: 61
Ion Ratio Lower Upper
198 100
51 0.0 13.1 53.1#
105 455.5 14.1 54.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.050 min Scan# 3151
Delta R.T. -0.010 min
Lab File: BG057184.D
Acq: 25 Apr 2023 20:03

Tgt Ion:240 Resp: 89492
Ion Ratio Lower Upper
240 100
120 5.0 5.5 8.3#
236 26.0 20.8 31.2

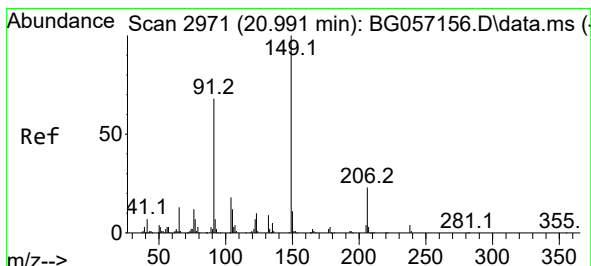
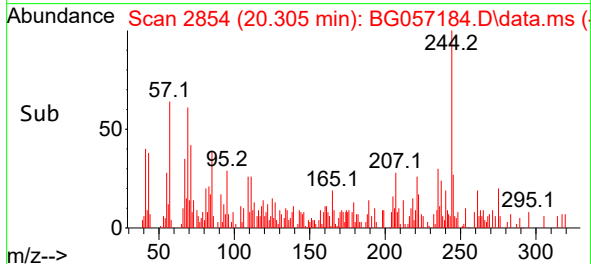
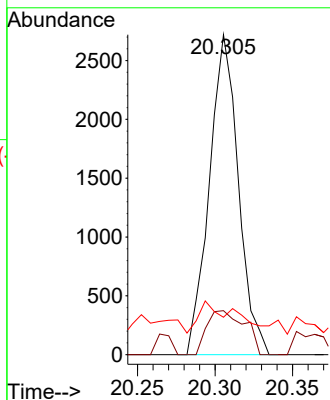
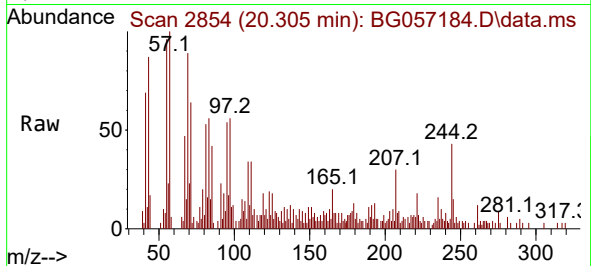




#79
 Terphenyl-d14
 Concen: 0.693 ng
 RT: 20.305 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG057184.D
 Acq: 25 Apr 2023 20:03

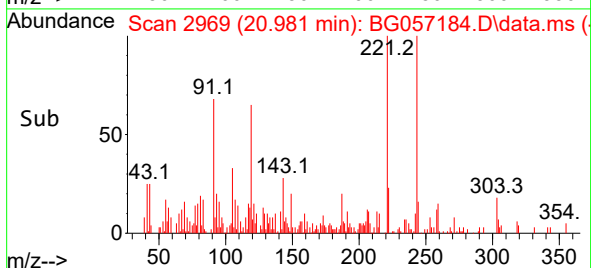
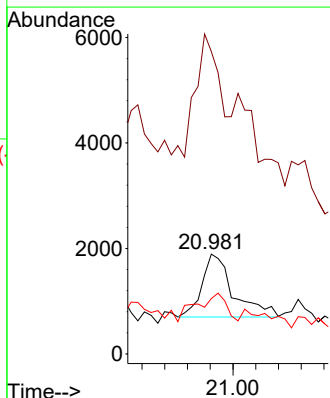
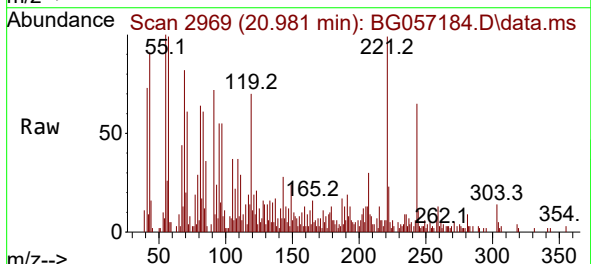
Instrument :
 BNA_G
 ClientSampleId :
 SPA-1WC-23-04DL

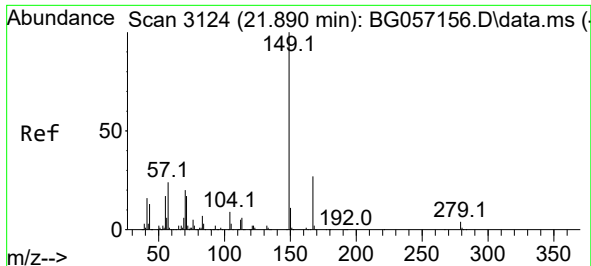
Tgt Ion:244 Resp: 3544
 Ion Ratio Lower Upper
 244 100
 212 13.8 6.0 9.0#
 122 11.7 5.0 7.4#



#80
 Butylbenzylphthalate
 Concen: 4.557 ng
 RT: 20.981 min Scan# 2969
 Delta R.T. -0.010 min
 Lab File: BG057184.D
 Acq: 25 Apr 2023 20:03

Tgt Ion:149 Resp: 2279
 Ion Ratio Lower Upper
 149 100
 91 302.7 54.1 81.1#
 206 55.4 18.2 27.2#

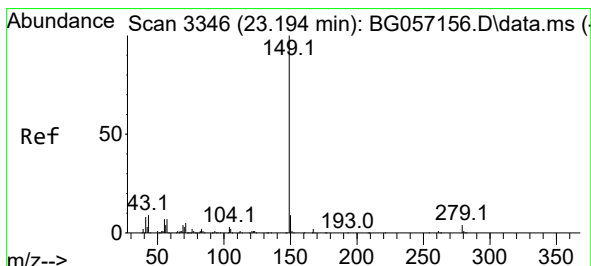
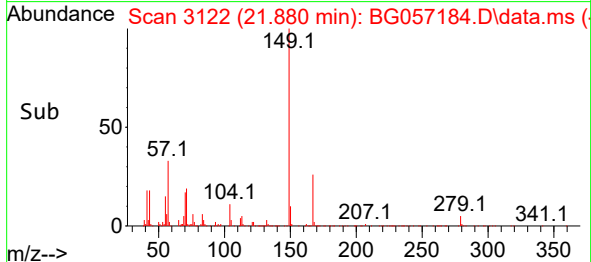
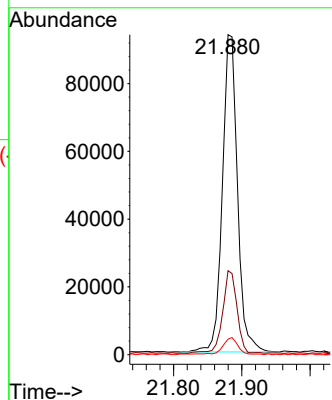
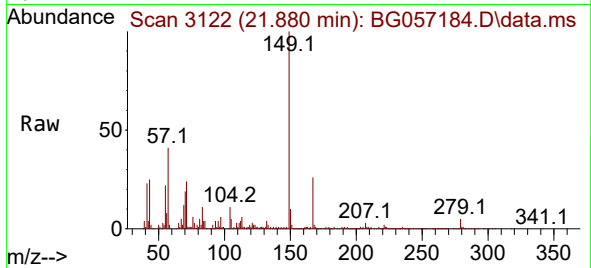




#84
Bis(2-ethylhexyl)phthalate
Concen: 56.845 ng
RT: 21.880 min Scan# 3122
Delta R.T. -0.010 min
Lab File: BG057184.D
Acq: 25 Apr 2023 20:03

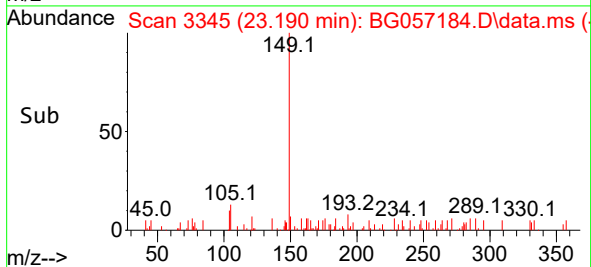
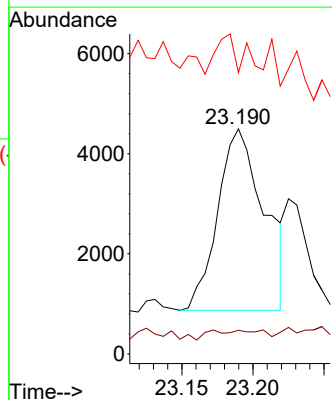
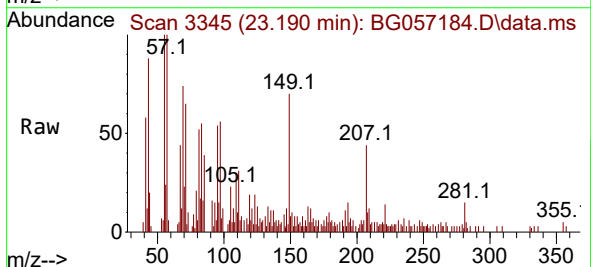
Instrument :
BNA_G
ClientSampleId :
SPA-1WC-23-04DL

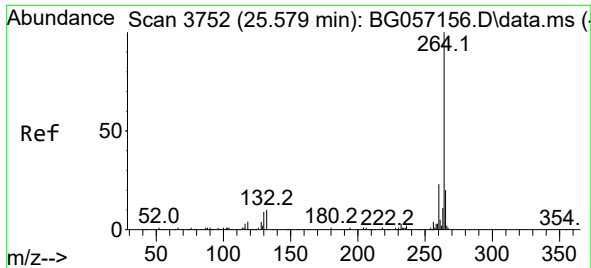
Tgt Ion:149 Resp: 144293
Ion Ratio Lower Upper
149 100
167 26.2 21.9 32.9
279 4.9 3.3 4.9



#85
Di-n-octyl phthalate
Concen: 2.041 ng
RT: 23.190 min Scan# 3345
Delta R.T. -0.004 min
Lab File: BG057184.D
Acq: 25 Apr 2023 20:03

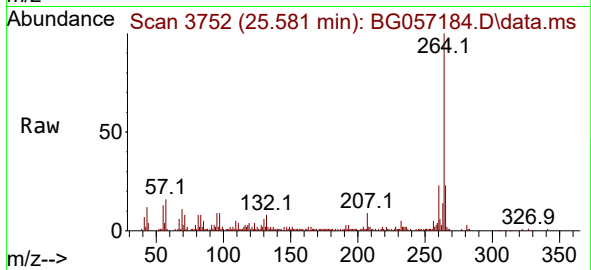
Tgt Ion:149 Resp: 8192
Ion Ratio Lower Upper
149 100
167 2.1 1.2 1.8#
43 12.1 7.4 11.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.581 min Scan# 31
 Delta R.T. 0.002 min
 Lab File: BG057184.D
 Acq: 25 Apr 2023 20:03

Instrument :
 BNA_G
 ClientSampleId :
 SPA-1WC-23-04DL



Tgt Ion:	264	Resp:	98210
Ion Ratio	Lower	Upper	
264	100		
260	22.8	18.8	28.2
265	22.9	16.4	24.6

