

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042623\
 Data File : BG057192.D
 Acq On : 26 Apr 2023 14:43
 Operator : CG/JU
 Sample : 02386-11DL2 50X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPA-3WC-23-04DL2

Quant Time: Apr 27 03:06:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 03:02:41 2023
 Response via : Initial Calibration

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

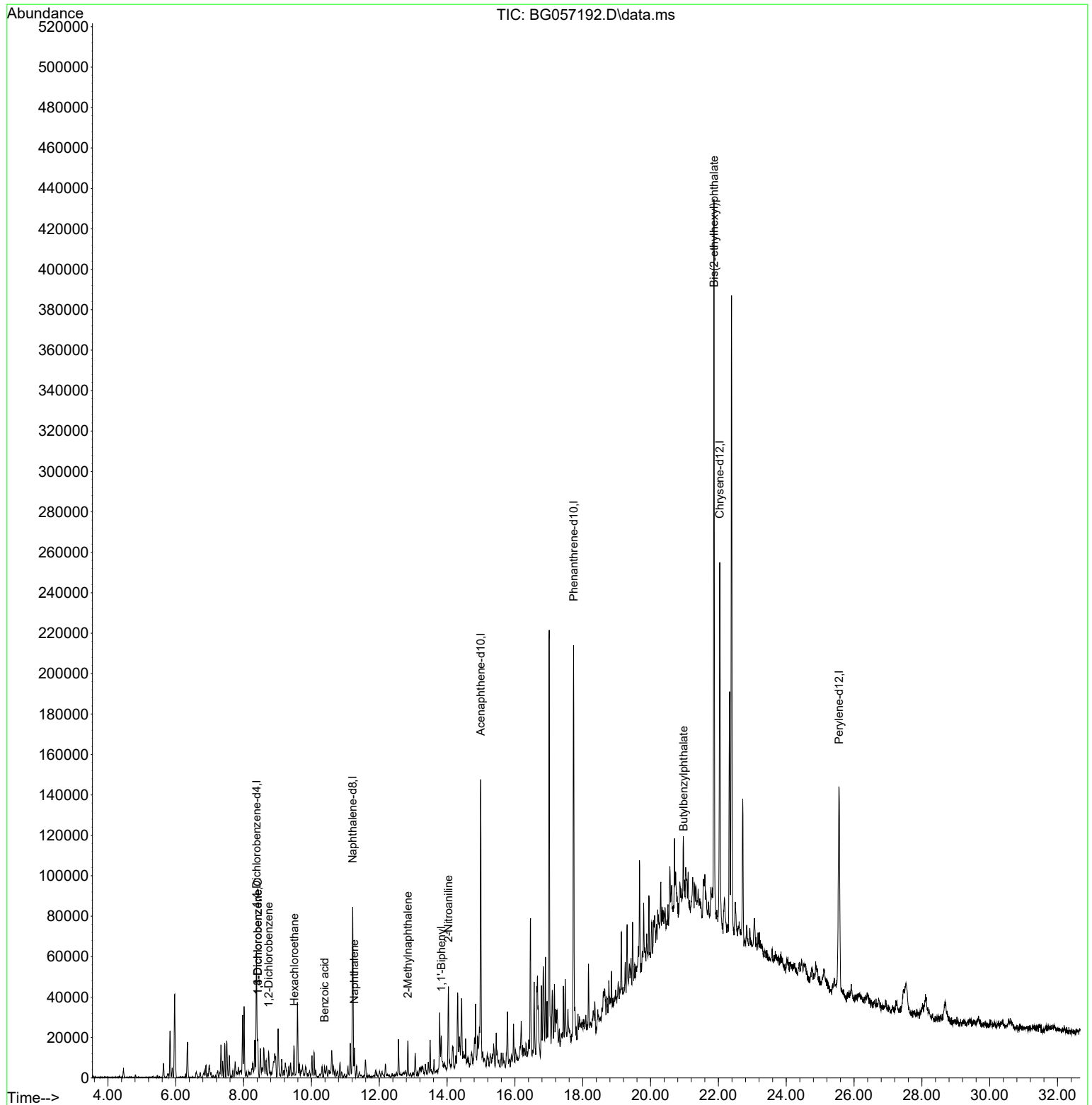
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.384	152	17208	20.000	ng	0.00
21) Naphthalene-d8	11.215	136	67393	20.000	ng	# 0.00
39) Acenaphthene-d10	14.993	164	48604	20.000	ng	0.00
64) Phenanthrene-d10	17.730	188	119728	20.000	ng	0.00
76) Chrysene-d12	22.042	240	110922	20.000	ng	# 0.00
86) Perylene-d12	25.561	264	119223	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.893	112	1431	1.507	ng	0.00
7) Phenol-d6	7.520	99	2219	1.615	ng	0.00
23) Nitrobenzene-d5	9.559	82	1736	1.273	ng	0.00
42) 2,4,6-Tribromophenol	16.473	330	1007	1.570	ng	0.00
45) 2-Fluorobiphenyl	13.612	172	3778	1.045	ng	0.00
79) Terphenyl-d14	20.297	244	7196	1.135	ng	0.00
Target Compounds						
						Qvalue
12) 1,3-Dichlorobenzene	8.419	146	6004	5.095	ng	94
13) 1,4-Dichlorobenzene	8.419	146	6004	5.056	ng	96
14) 1,2-Dichlorobenzene	8.736	146	4918	4.289	ng	94
18) Hexachloroethane	9.494	117	853	2.117	ng	# 1
31) Naphthalene	11.268	128	9641	2.693	ng	99
32) Benzoic acid	10.387	122	56	6.242	ng	# 53
37) 2-Methylnaphthalene	12.848	142	8496	3.016	ng	89
46) 1,1'-Biphenyl	13.829	154	7454	2.057	ng	93
48) 2-Nitroaniline	14.041	65	1728	6.912	ng	# 4
80) Butylbenzylphthalate	20.979	149	2219	4.269	ng	# 67
84) Bis(2-ethylhexyl)phtha...	21.871	149	150211	48.310	ng	99

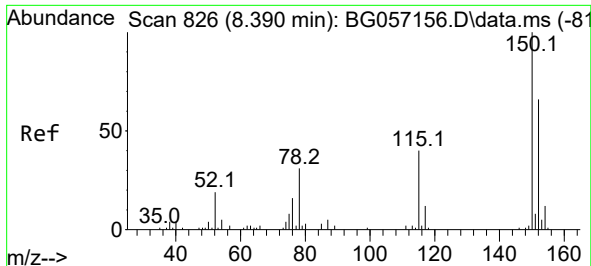
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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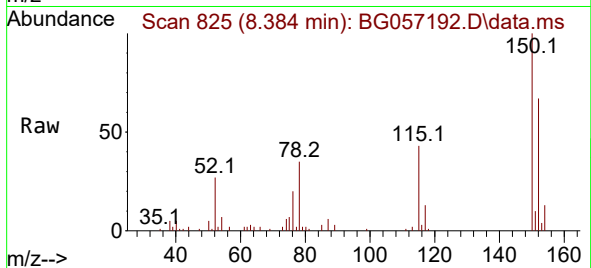
Quant Time: Apr 27 03:06:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
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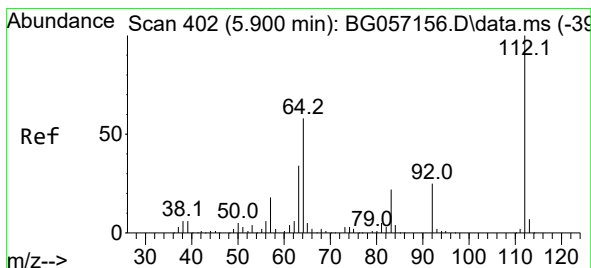
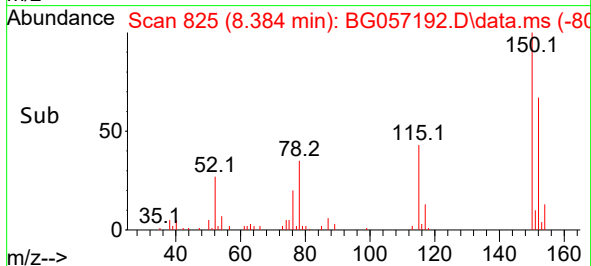
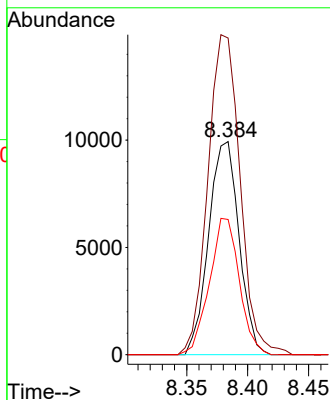


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.384 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG057192.D
Acq: 26 Apr 2023 14:43

Instrument :
BNA_G
ClientSampleId :
SPA-3WC-23-04DL2

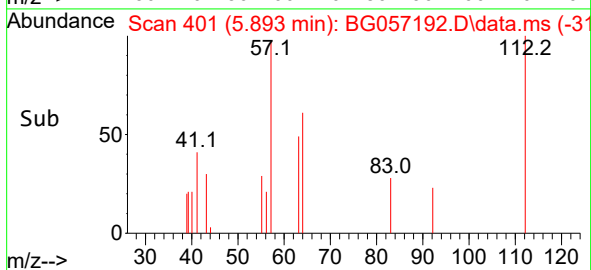
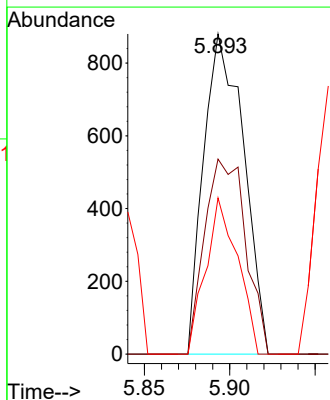
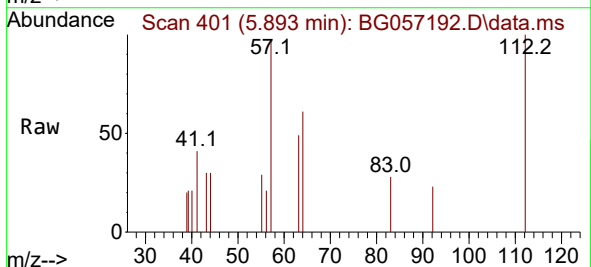


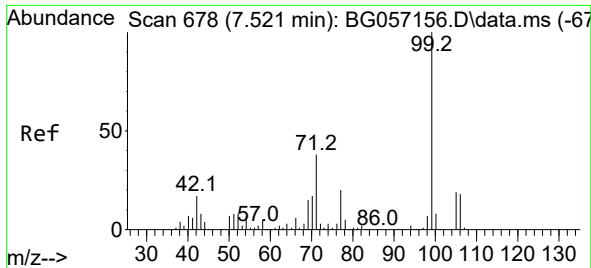
Tgt Ion:152 Resp: 17208
Ion Ratio Lower Upper
152 100
150 148.6 121.4 182.2
115 63.4 48.1 72.1



#5
2-Fluorophenol
Concen: 1.507 ng
RT: 5.893 min Scan# 401
Delta R.T. 0.001 min
Lab File: BG057192.D
Acq: 26 Apr 2023 14:43

Tgt Ion:112 Resp: 1431
Ion Ratio Lower Upper
112 100
64 60.9 46.7 70.1
63 48.8 26.9 40.3#

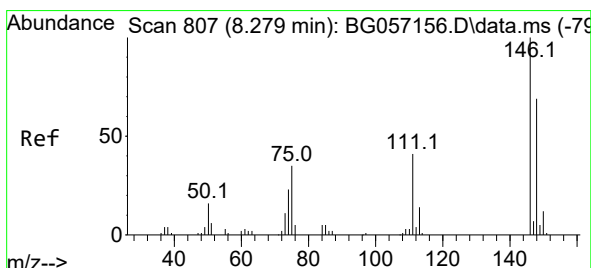
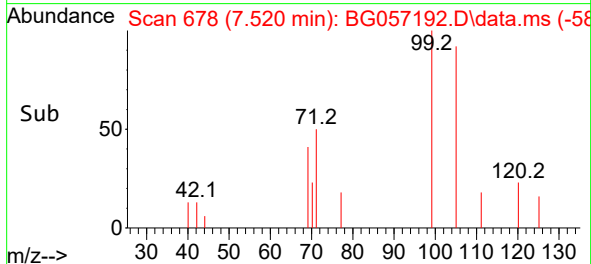
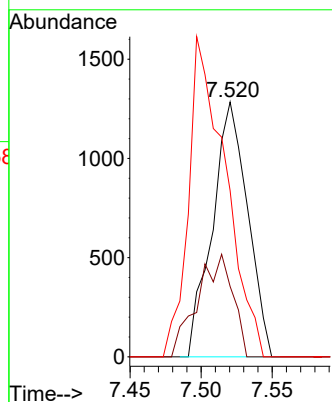
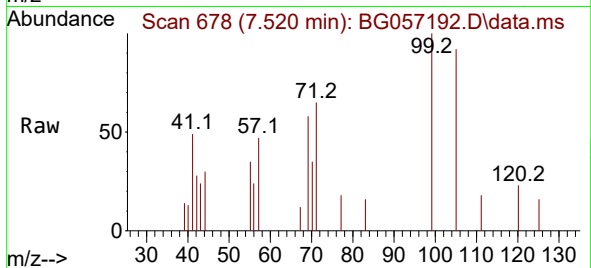




#7
Phenol-d6
Concen: 1.615 ng
RT: 7.520 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057192.D
Acq: 26 Apr 2023 14:43

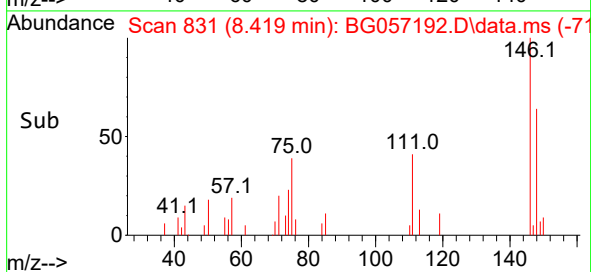
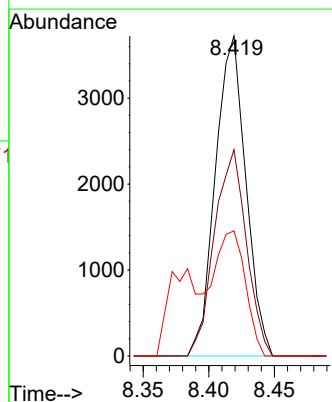
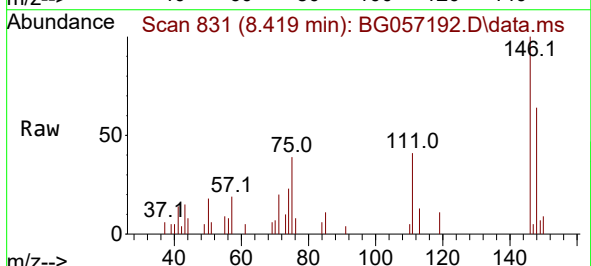
Instrument :
BNA_G
ClientSampleId :
SPA-3WC-23-04DL2

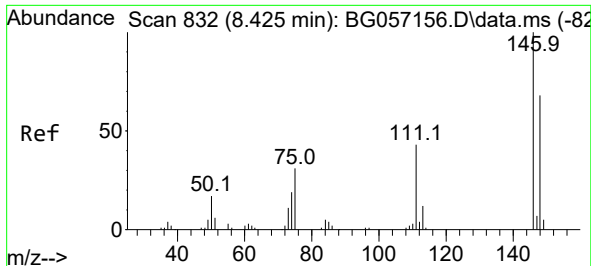
Tgt Ion: 99 Resp: 2219
Ion Ratio Lower Upper
99 100
42 27.6 13.4 20.0#
71 65.2 30.2 45.2#



#12
1,3-Dichlorobenzene
Concen: 5.095 ng
RT: 8.419 min Scan# 831
Delta R.T. 0.148 min
Lab File: BG057192.D
Acq: 26 Apr 2023 14:43

Tgt Ion: 146 Resp: 6004
Ion Ratio Lower Upper
146 100
148 64.4 55.4 83.2
75 39.1 28.2 42.4

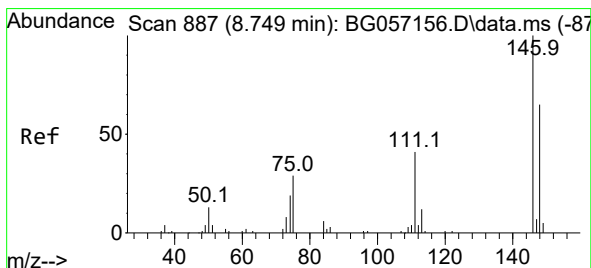
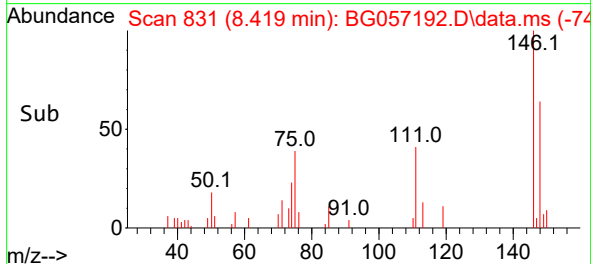
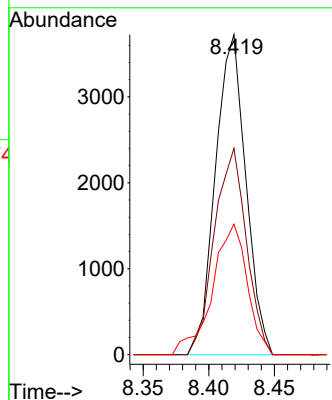
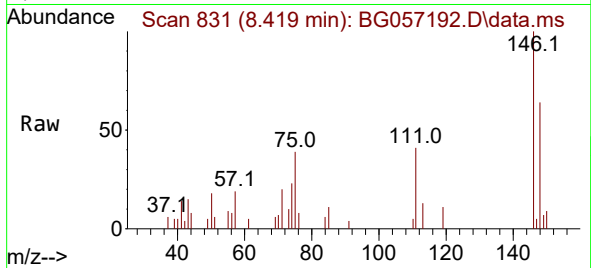




#13
1,4-Dichlorobenzene
Concen: 5.056 ng
RT: 8.419 min Scan# 811
Delta R.T. 0.001 min
Lab File: BG057192.D
Acq: 26 Apr 2023 14:43

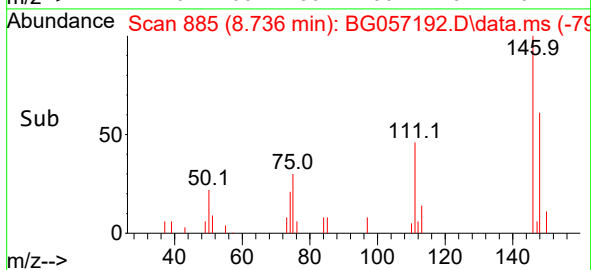
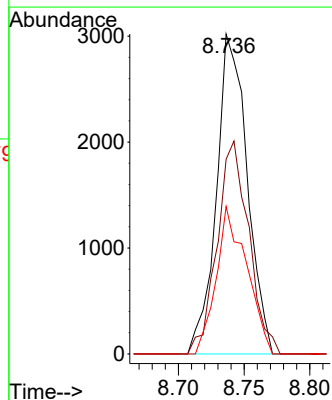
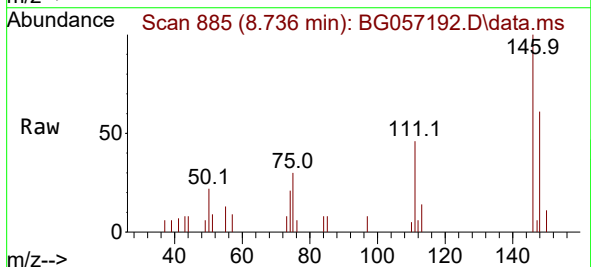
Instrument :
BNA_G
ClientSampleId :
SPA-3WC-23-04DL2

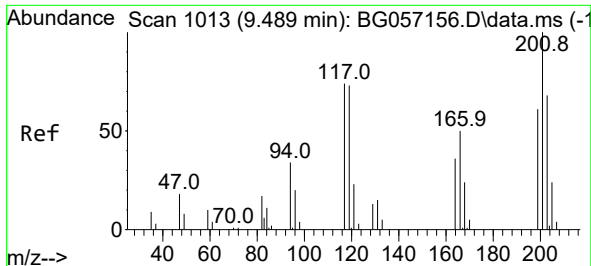
Tgt Ion:146 Resp: 6004
Ion Ratio Lower Upper
146 100
148 64.4 54.3 81.5
111 40.8 34.2 51.4



#14
1,2-Dichlorobenzene
Concen: 4.289 ng
RT: 8.736 min Scan# 885
Delta R.T. -0.005 min
Lab File: BG057192.D
Acq: 26 Apr 2023 14:43

Tgt Ion:146 Resp: 4918
Ion Ratio Lower Upper
146 100
148 60.8 52.3 78.5
111 46.1 33.1 49.7

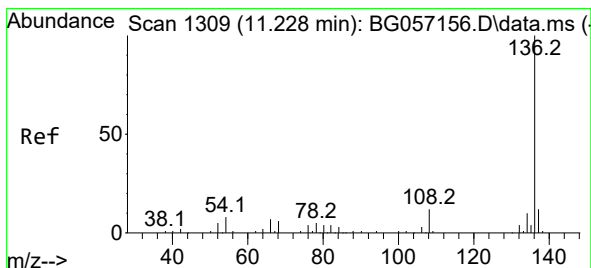
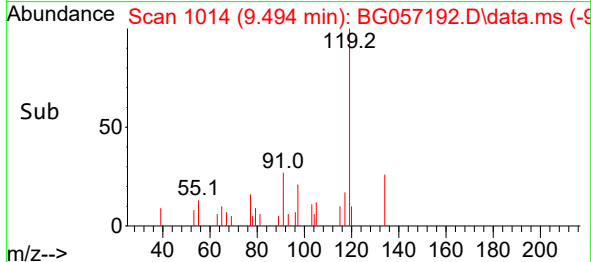
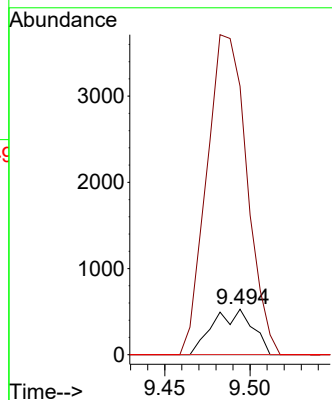
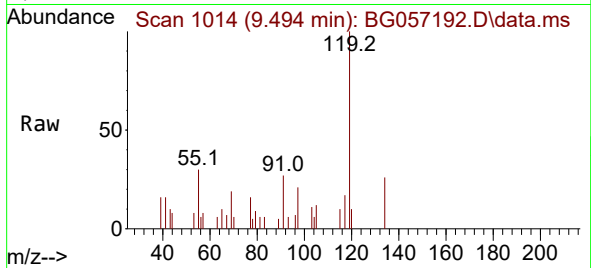




#18
Hexachloroethane
Concen: 2.117 ng
RT: 9.494 min Scan# 1013
Delta R.T. 0.012 min
Lab File: BG057192.D
Acq: 26 Apr 2023 14:43

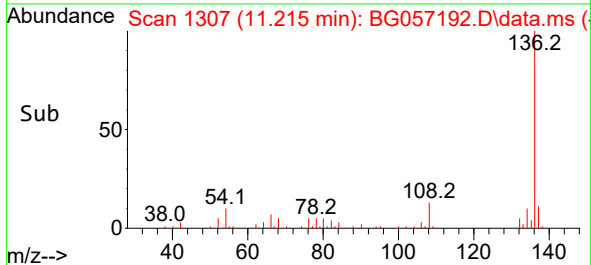
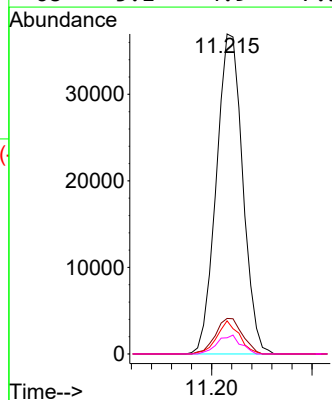
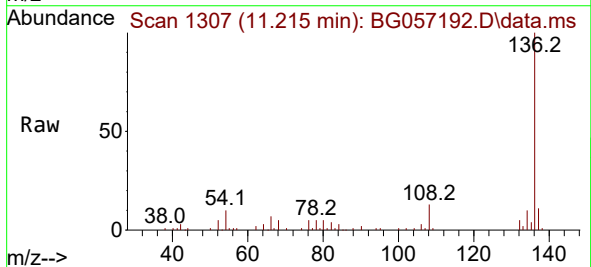
Instrument :
BNA_G
ClientSampleId :
SPA-3WC-23-04DL2

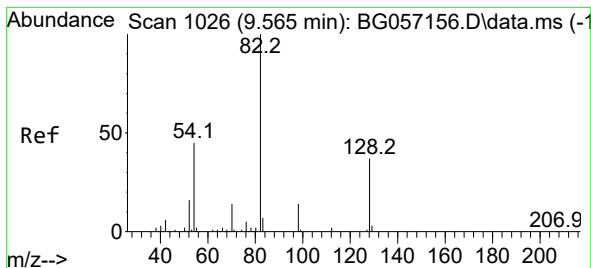
Tgt Ion:117 Resp: 853
Ion Ratio Lower Upper
117 100
119 591.3 78.3 117.5#
201 0.0 107.6 161.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.215 min Scan# 1307
Delta R.T. -0.005 min
Lab File: BG057192.D
Acq: 26 Apr 2023 14:43

Tgt Ion:136 Resp: 67393
Ion Ratio Lower Upper
136 100
137 11.1 9.5 14.3
54 10.4 6.4 9.6#
68 5.1 4.9 7.3





#23

Nitrobenzene-d5

Concen: 1.273 ng

RT: 9.559 min Scan# 1025

Delta R.T. 0.001 min

Lab File: BG057192.D

Acq: 26 Apr 2023 14:43

Instrument :

BNA_G

ClientSampleId :

SPA-3WC-23-04DL2

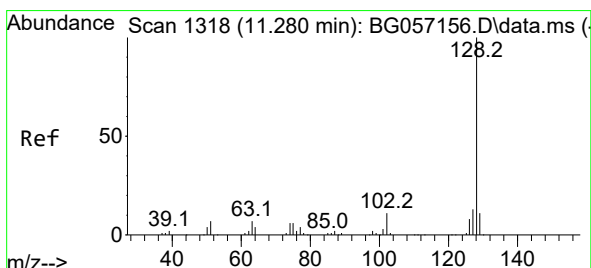
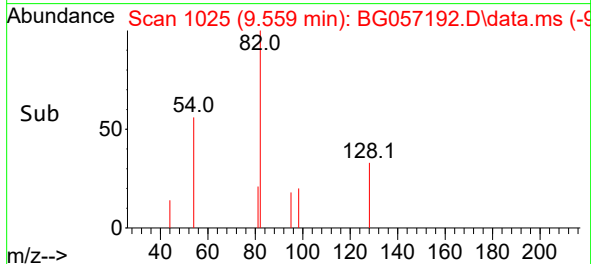
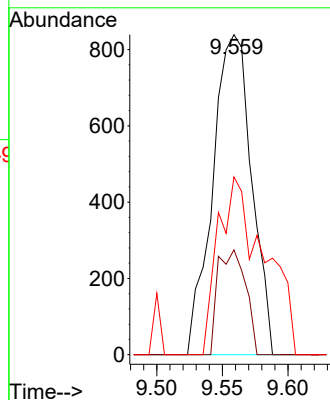
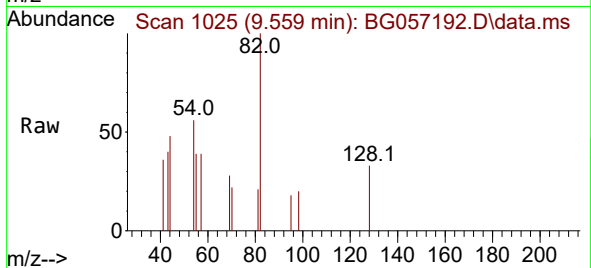
Tgt Ion: 82 Resp: 1736

Ion Ratio Lower Upper

82 100

128 32.8 29.4 44.2

54 55.5 36.2 54.2#



#31

Naphthalene

Concen: 2.693 ng

RT: 11.268 min Scan# 1316

Delta R.T. -0.005 min

Lab File: BG057192.D

Acq: 26 Apr 2023 14:43

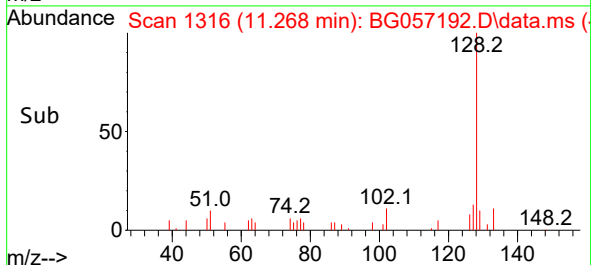
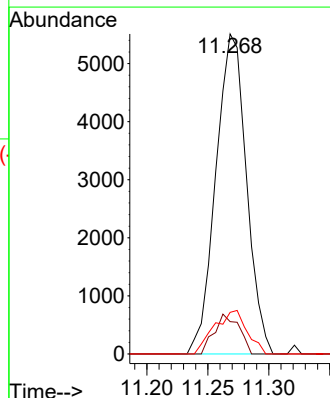
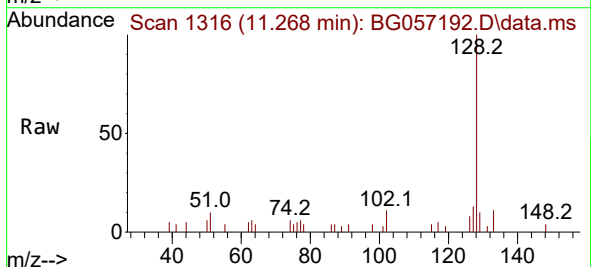
Tgt Ion: 128 Resp: 9641

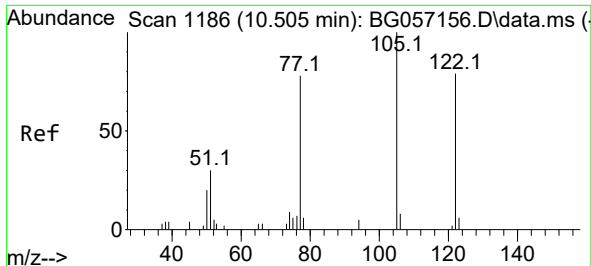
Ion Ratio Lower Upper

128 100

129 10.1 8.8 13.2

127 13.0 10.6 16.0

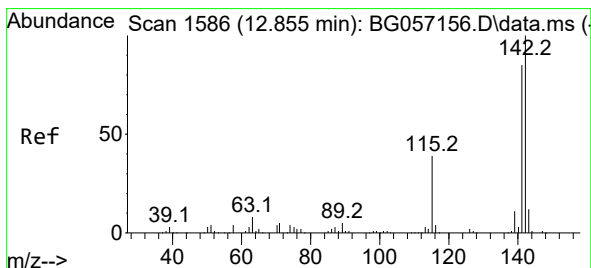
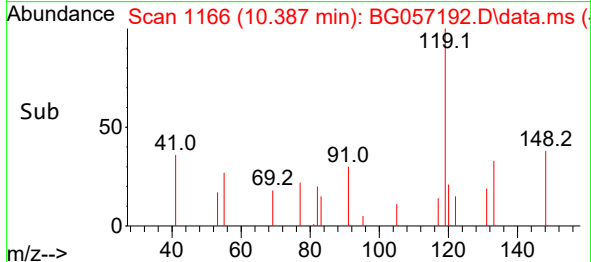
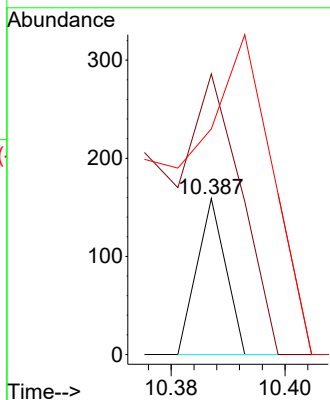
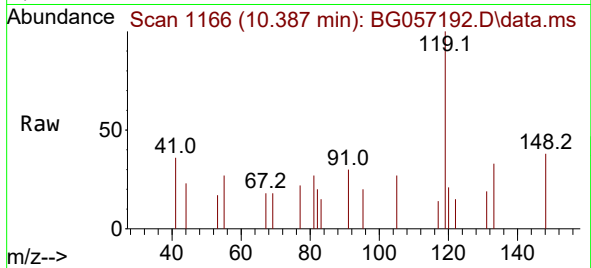




#32
Benzoic acid
Concen: 6.242 ng
RT: 10.387 min Scan# 1186
Delta R.T. -0.105 min
Lab File: BG057192.D
Acq: 26 Apr 2023 14:43

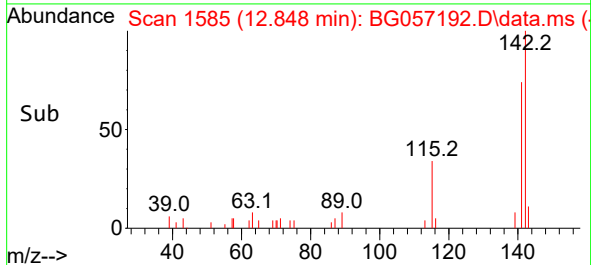
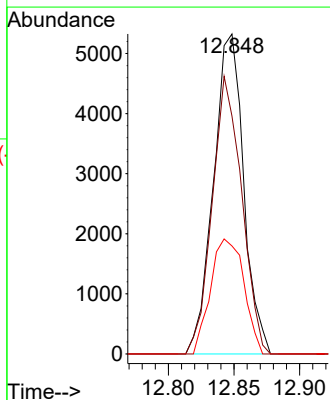
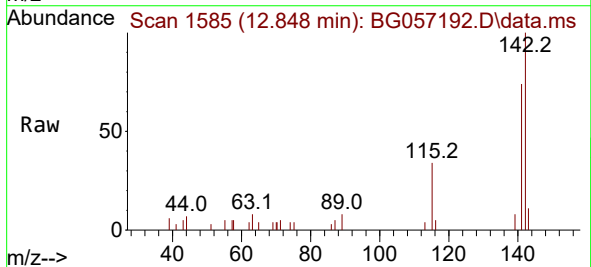
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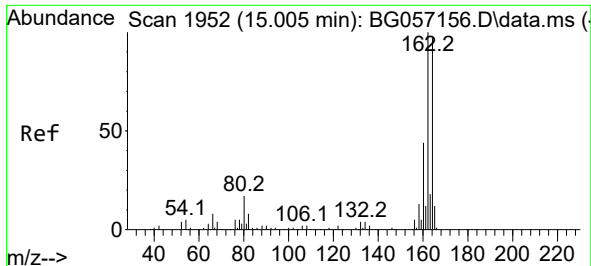
Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 179.9 104.3 144.3#
77 144.7 79.5 119.5#



#37
2-Methylnaphthalene
Concen: 3.016 ng
RT: 12.848 min Scan# 1585
Delta R.T. 0.001 min
Lab File: BG057192.D
Acq: 26 Apr 2023 14:43

Tgt Ion:142 Resp: 8496
Ion Ratio Lower Upper
142 100
141 74.4 68.1 102.1
115 33.8 31.0 46.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.993 min Scan# 1952

Delta R.T. 0.001 min

Lab File: BG057192.D

Acq: 26 Apr 2023 14:43

Instrument :

BNA_G

ClientSampleId :

SPA-3WC-23-04DL2

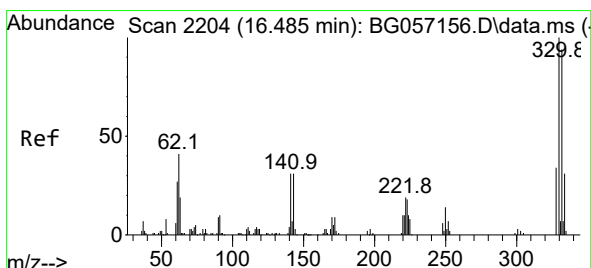
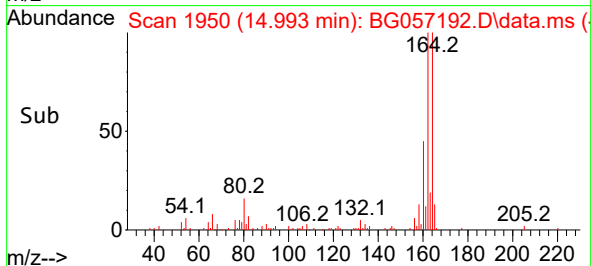
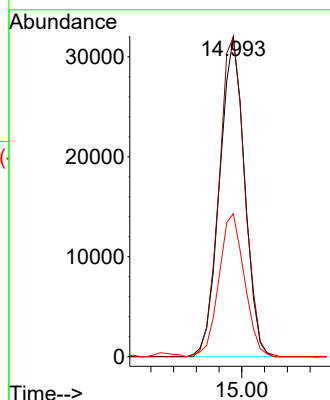
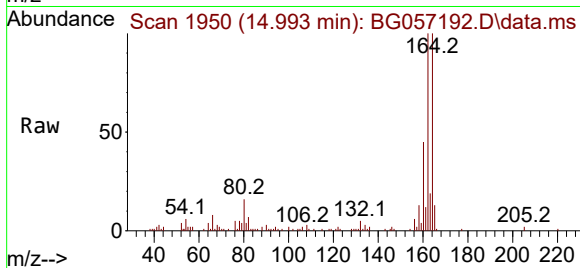
Tgt Ion:164 Resp: 48604

Ion Ratio Lower Upper

164 100

162 100.0 82.4 123.6

160 44.7 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 1.570 ng

RT: 16.473 min Scan# 2202

Delta R.T. -0.005 min

Lab File: BG057192.D

Acq: 26 Apr 2023 14:43

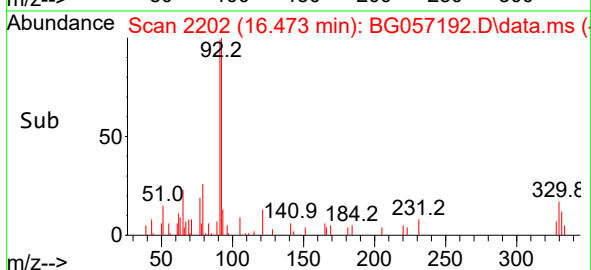
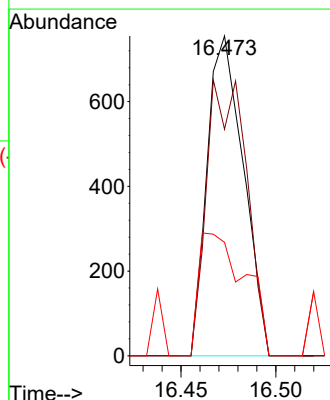
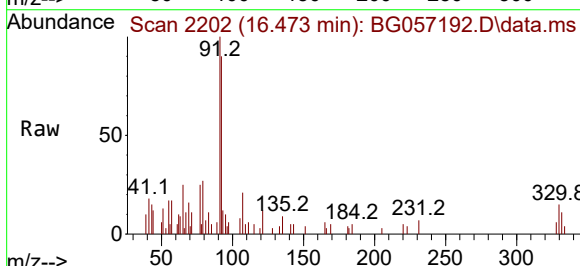
Tgt Ion:330 Resp: 1007

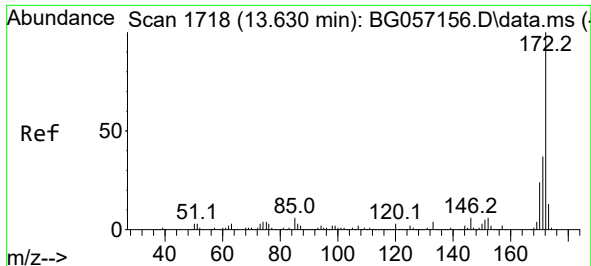
Ion Ratio Lower Upper

330 100

332 94.2 77.6 116.4

141 49.0 26.0 39.0#





#45

2-Fluorobiphenyl

Concen: 1.045 ng

RT: 13.612 min Scan# 1715

Delta R.T. -0.005 min

Lab File: BG057192.D

Acq: 26 Apr 2023 14:43

Instrument :

BNA_G

ClientSampleId :

SPA-3WC-23-04DL2

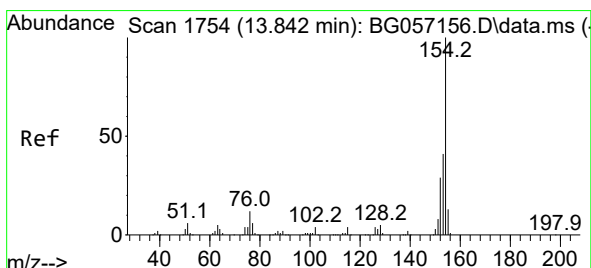
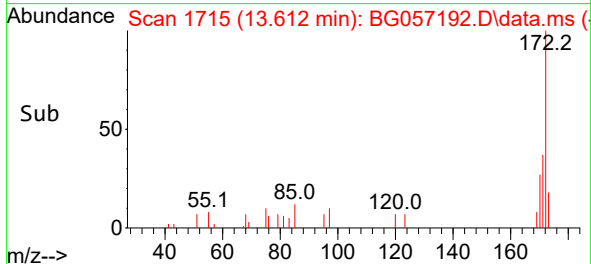
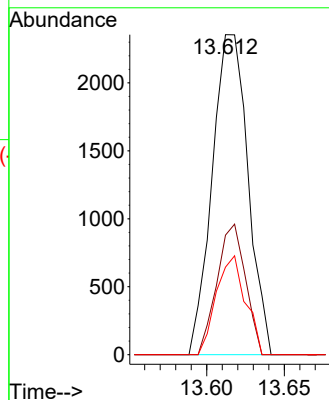
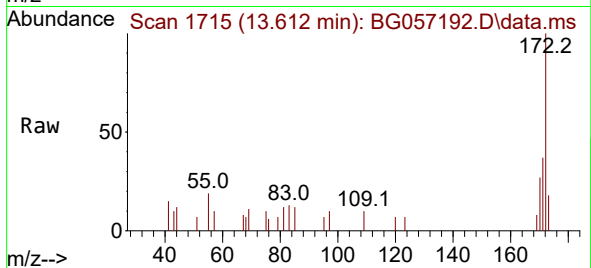
Tgt Ion:172 Resp: 3778

Ion Ratio Lower Upper

172 100

171 37.3 29.2 43.8

170 27.3 19.4 29.2



#46

1,1'-Biphenyl

Concen: 2.057 ng

RT: 13.829 min Scan# 1752

Delta R.T. -0.005 min

Lab File: BG057192.D

Acq: 26 Apr 2023 14:43

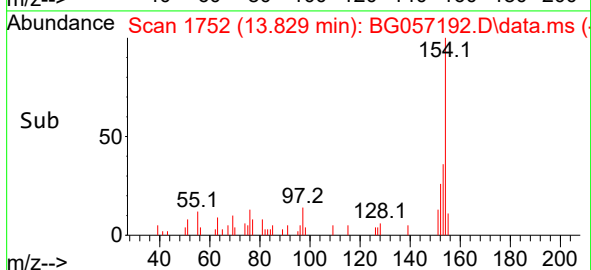
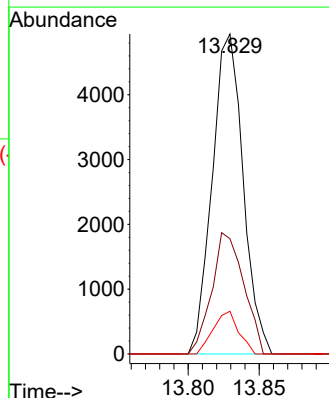
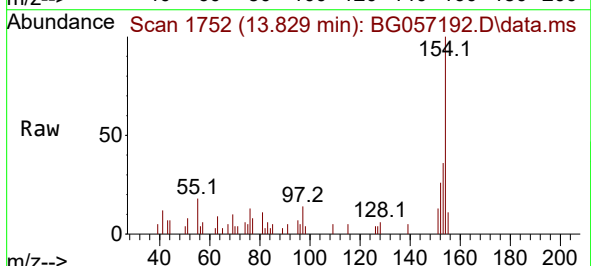
Tgt Ion:154 Resp: 7454

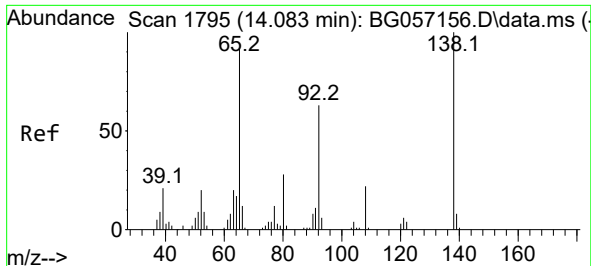
Ion Ratio Lower Upper

154 100

153 36.0 20.9 60.9

76 13.3 0.0 32.3

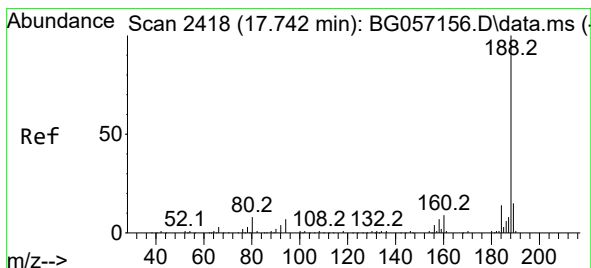
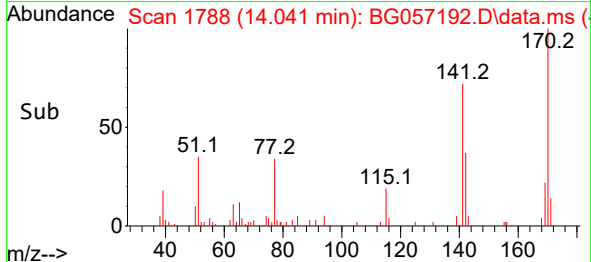
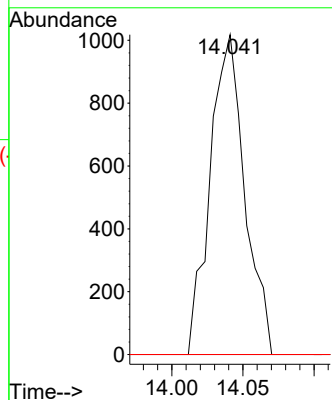
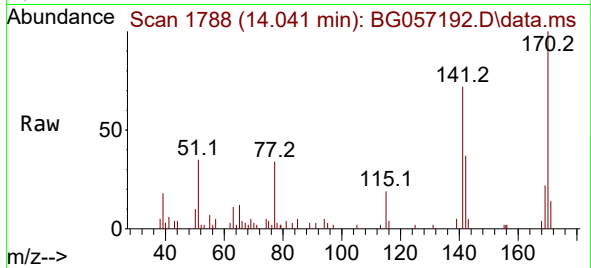




#48
2-Nitroaniline
Concen: 6.912 ng
RT: 14.041 min Scan# 1788
Delta R.T. -0.040 min
Lab File: BG057192.D
Acq: 26 Apr 2023 14:43

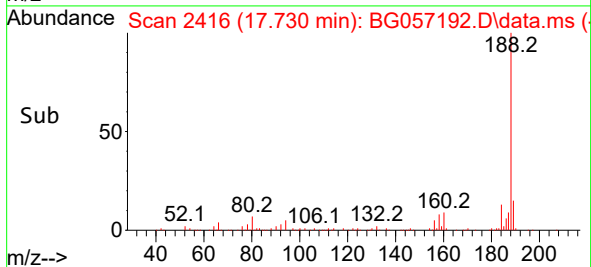
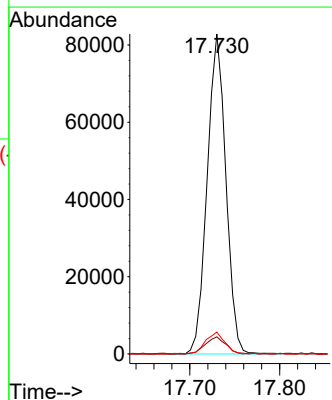
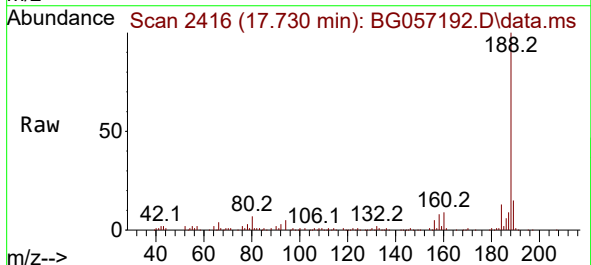
Instrument :
BNA_G
ClientSampleId :
SPA-3WC-23-04DL2

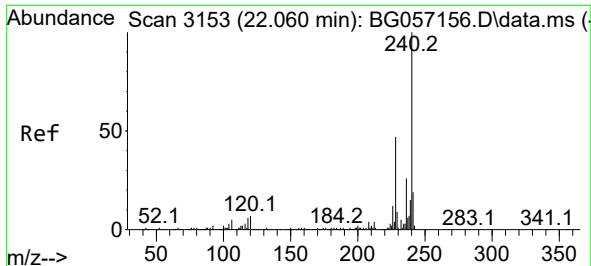
Tgt Ion: 65 Resp: 1728
Ion Ratio Lower Upper
65 100
92 0.0 54.9 82.3#
138 0.0 86.6 129.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.730 min Scan# 2416
Delta R.T. -0.005 min
Lab File: BG057192.D
Acq: 26 Apr 2023 14:43

Tgt Ion: 188 Resp: 119728
Ion Ratio Lower Upper
188 100
94 5.4 5.4 8.0
80 6.8 6.2 9.2

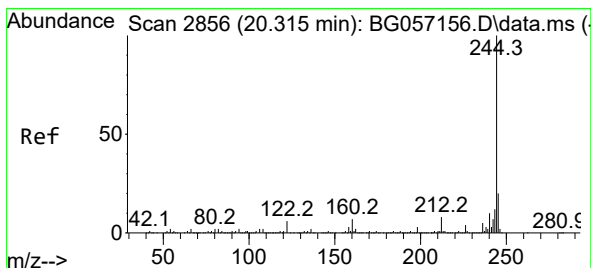
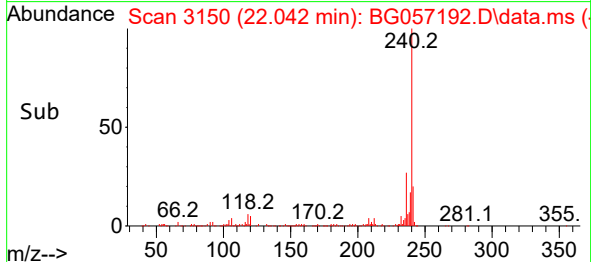
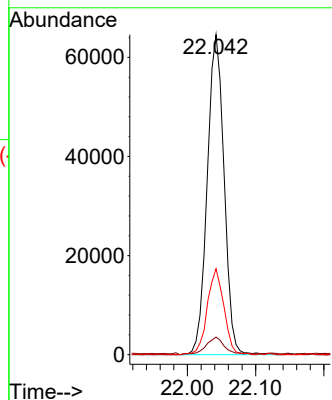
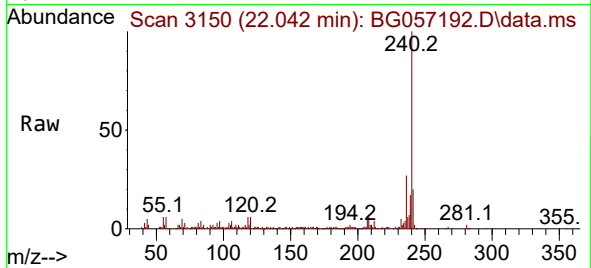




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.042 min Scan# 3153
Delta R.T. -0.005 min
Lab File: BG057192.D
Acq: 26 Apr 2023 14:43

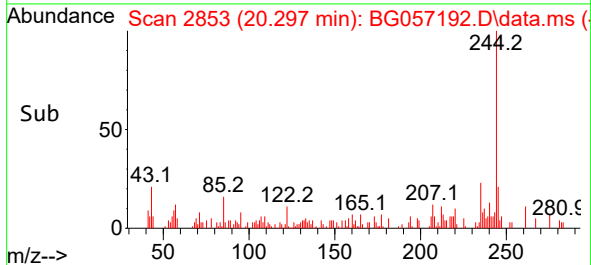
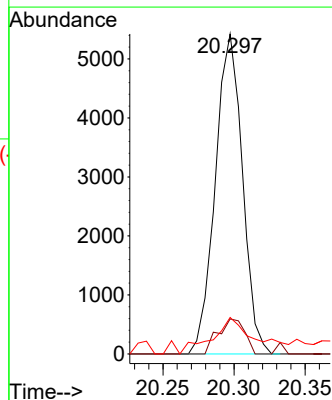
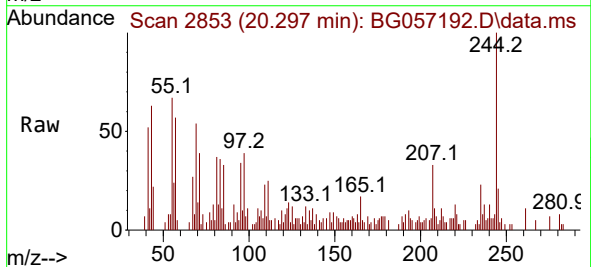
Instrument :
BNA_G
ClientSampleId :
SPA-3WC-23-04DL2

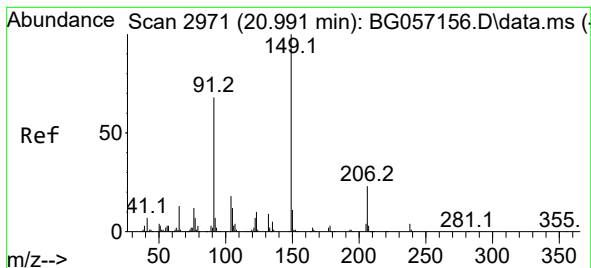
Tgt Ion:240 Resp: 110922
Ion Ratio Lower Upper
240 100
120 5.5 5.5 8.3#
236 26.8 20.8 31.2



#79
Terphenyl-d14
Concen: 1.135 ng
RT: 20.297 min Scan# 2853
Delta R.T. -0.005 min
Lab File: BG057192.D
Acq: 26 Apr 2023 14:43

Tgt Ion:244 Resp: 7196
Ion Ratio Lower Upper
244 100
212 11.0 6.0 9.0#
122 11.4 5.0 7.4#





#80

Butylbenzylphthalate

Concen: 4.269 ng

RT: 20.979 min Scan# 2969

Delta R.T. 0.001 min

Lab File: BG057192.D

Acq: 26 Apr 2023 14:43

Instrument :

BNA_G

ClientSampleId :

SPA-3WC-23-04DL2

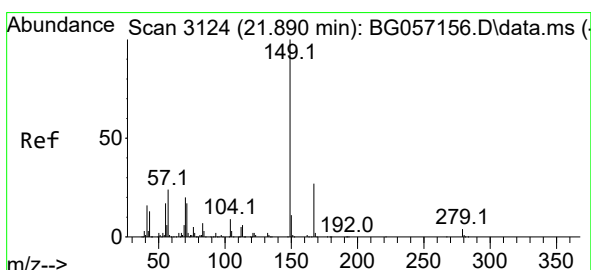
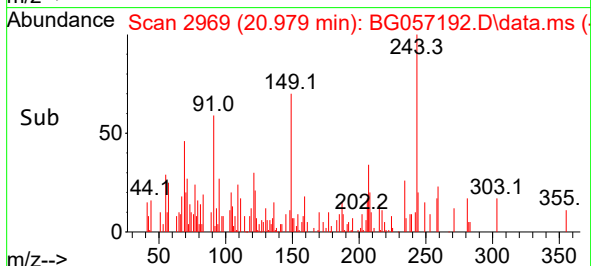
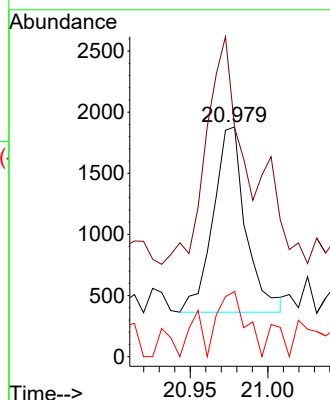
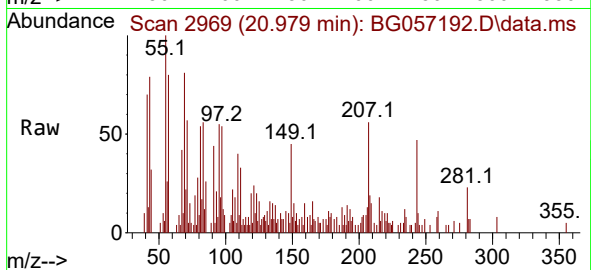
Tgt Ion:149 Resp: 2219

Ion Ratio Lower Upper

149 100

91 99.7 54.1 81.1#

206 28.4 18.2 27.2#



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.310 ng

RT: 21.871 min Scan# 3121

Delta R.T. 0.001 min

Lab File: BG057192.D

Acq: 26 Apr 2023 14:43

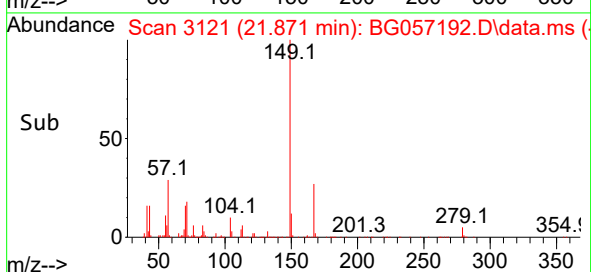
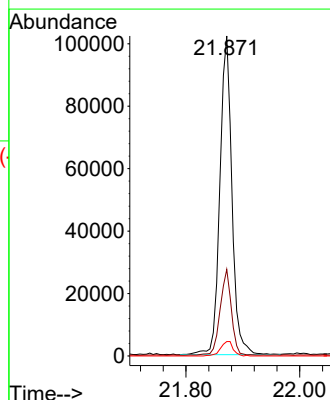
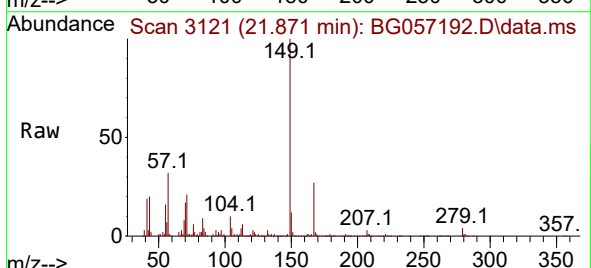
Tgt Ion:149 Resp: 150211

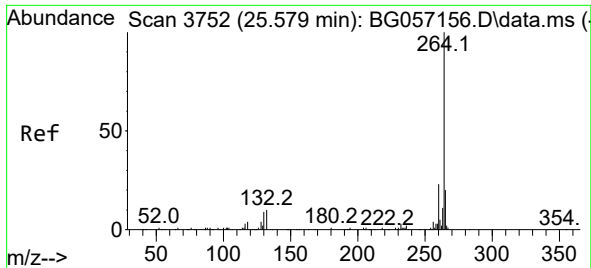
Ion Ratio Lower Upper

149 100

167 27.1 21.9 32.9

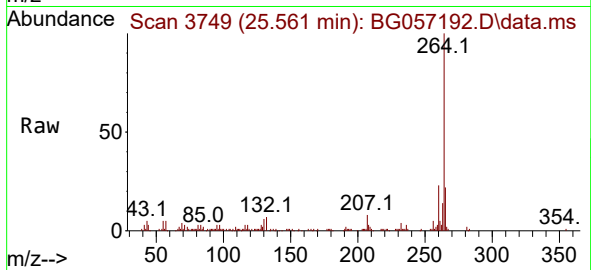
279 4.5 3.3 4.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.561 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG057192.D
Acq: 26 Apr 2023 14:43

Instrument :
BNA_G
ClientSampleId :
SPA-3WC-23-04DL2



Tgt Ion:264	Resp:	119223
Ion Ratio	Lower	Upper
264	100	
260	23.4	18.8 28.2
265	22.2	16.4 24.6

