

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)

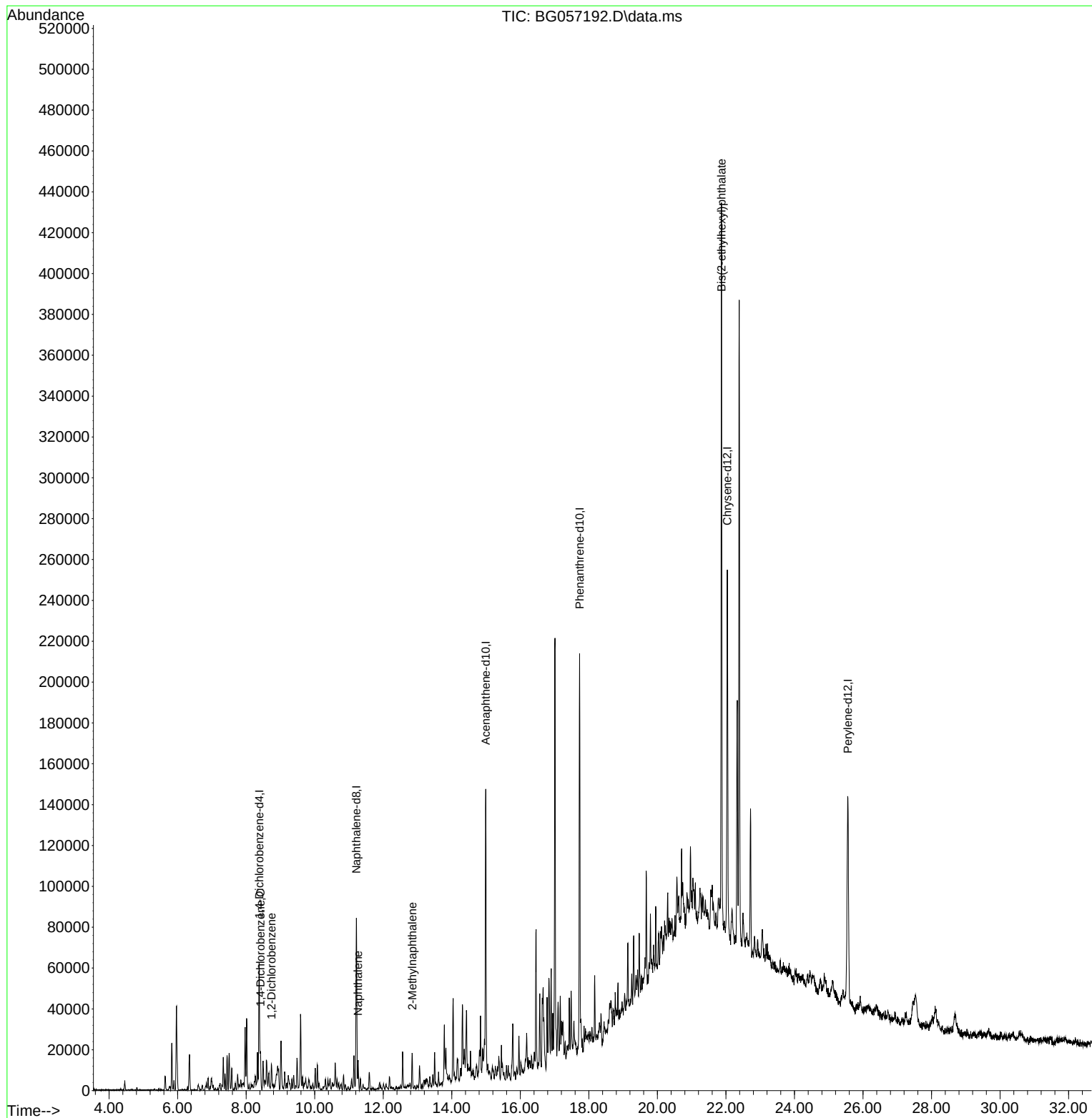
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.384	152	17208	20.000	ng	0.00
21) Naphthalene-d8	11.215	136	67393	20.000	ng	# 0.00
39) Acenaphthene-d10	14.993	164	48604	20.000	ng	0.00
64) Phenanthrene-d10	17.730	188	119728	20.000	ng	0.00
76) Chrysene-d12	22.042	240	110922	20.000	ng	# 0.00
86) Perylene-d12	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
13) 1,4-Dichlorobenzene	8.419	146	6004	5.056	ng	96
14) 1,2-Dichlorobenzene	8.736	146	4918	4.289	ng	94
31) Naphthalene	11.268	128	9641	2.693	ng	99
37) 2-Methylnaphthalene	12.848	142	8496	3.016	ng	89
84) Bis(2-ethylhexyl)phtha...	21.871	149	150211	48.310	ng	99

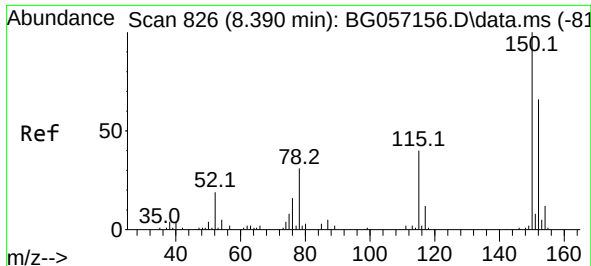
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042623\
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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

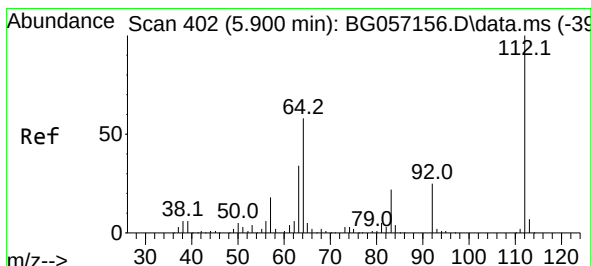
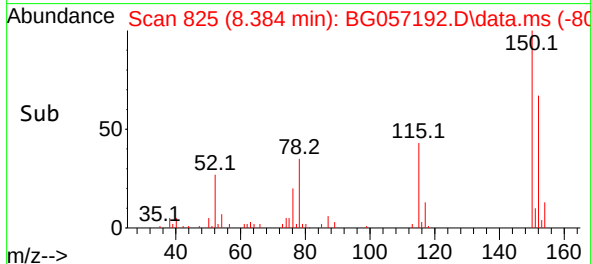
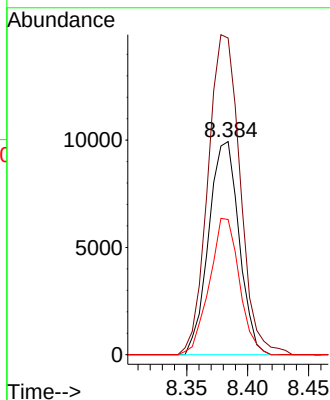
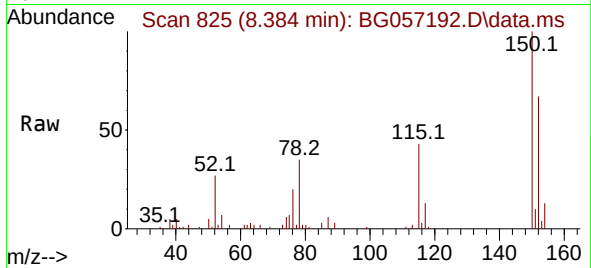




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.384 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG057192.D
Acq: 26 Apr 2023 14:43

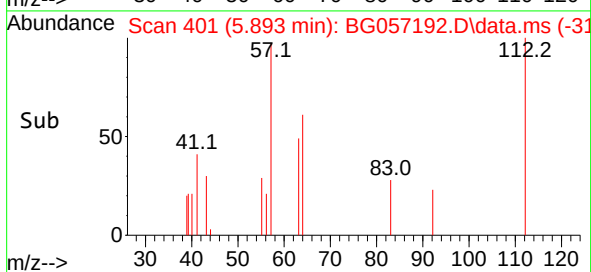
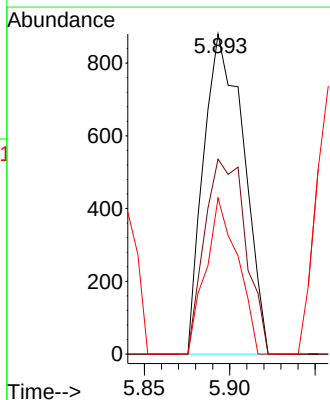
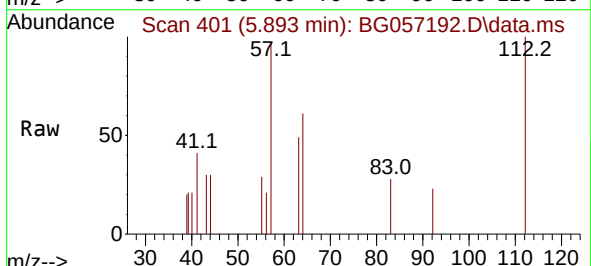
Instrument :
BNA_G
ClientSampleId :
SPA-3WC-23-04DL2

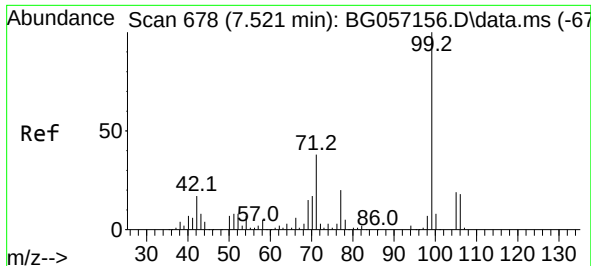
Tgt Ion:152 Resp: 17208
Ion Ratio Lower Upper
152 100
150 148.6 121.4 182.2
115 63.4 48.1 72.1



#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#

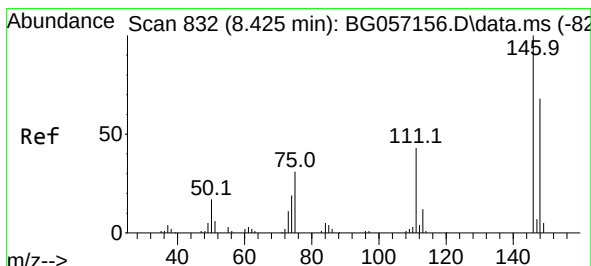
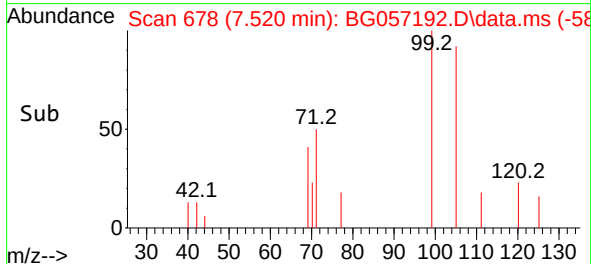
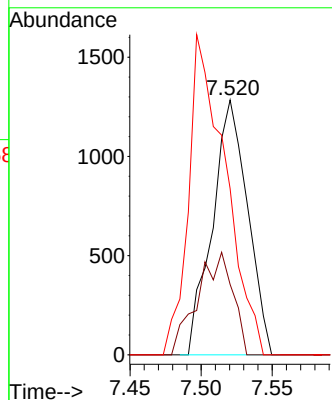
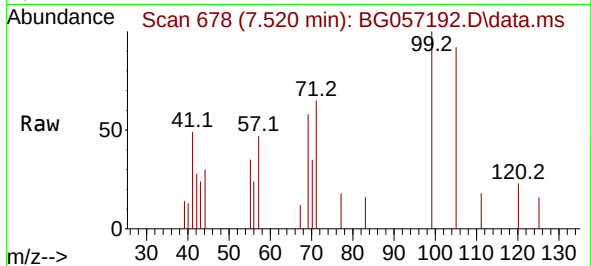




#7
Phenol-d6
Concen: 1.615 ng
RT: 7.520 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057192.D
Acq: 26 Apr 2023 14:43

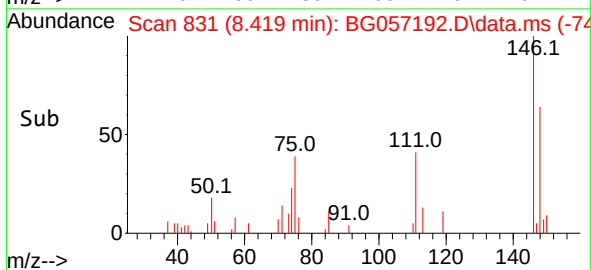
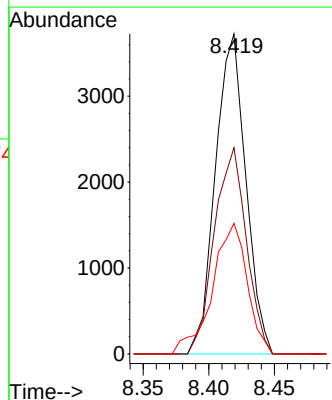
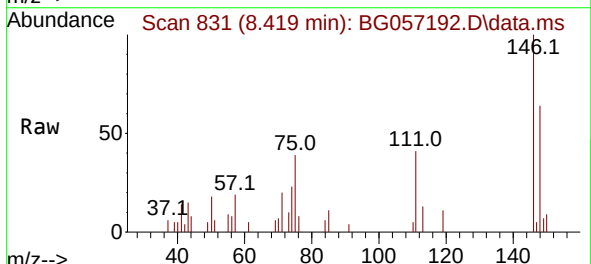
Instrument :
BNA_G
ClientSampleId :
SPA-3WC-23-04DL2

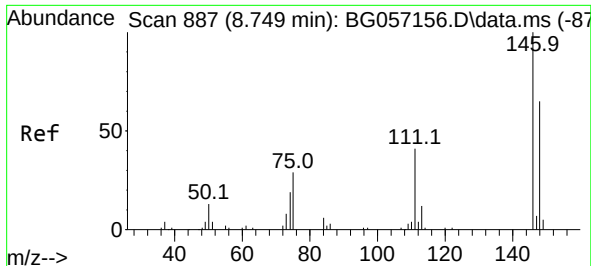
Tgt Ion: 99 Resp: 2219
Ion Ratio Lower Upper
99 100
42 27.6 13.4 20.0#
71 65.2 30.2 45.2#



#13
1,4-Dichlorobenzene
Concen: 5.056 ng
RT: 8.419 min Scan# 831
Delta R.T. 0.001 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 54.3 81.5
111 40.8 34.2 51.4

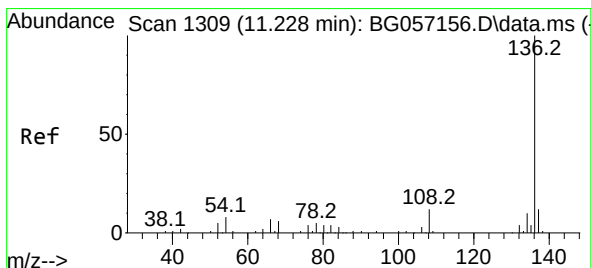
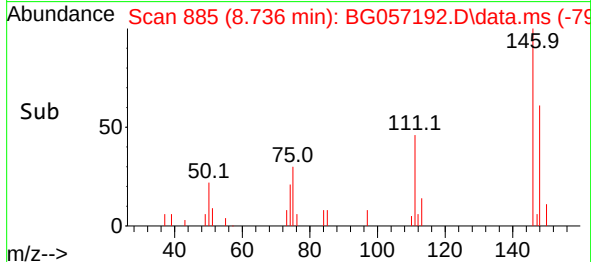
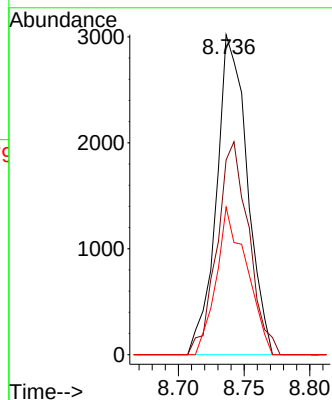
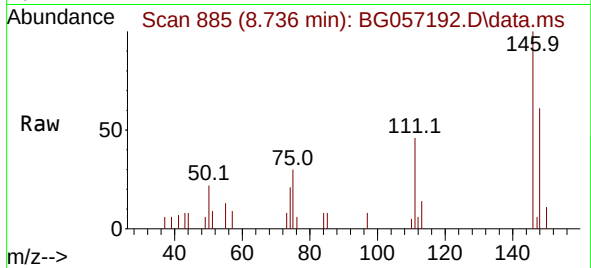




#14
1,2-Dichlorobenzene
Concen: 4.289 ng
RT: 8.736 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057192.D
Acq: 26 Apr 2023 14:43

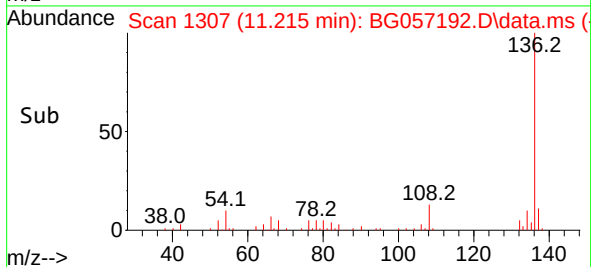
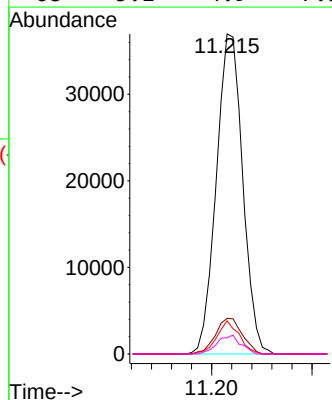
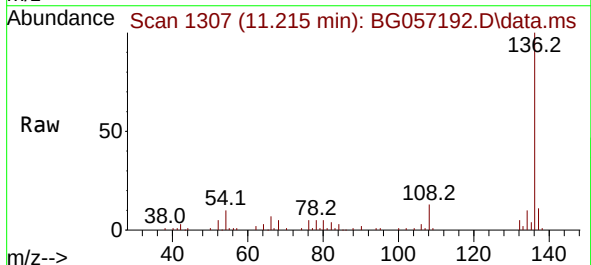
Instrument :
BNA_G
ClientSampleId :
SPA-3WC-23-04DL2

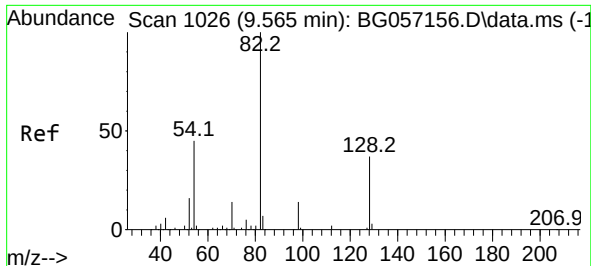
Tgt Ion:146 Resp: 4918
Ion Ratio Lower Upper
146 100
148 60.8 52.3 78.5
111 46.1 33.1 49.7



#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

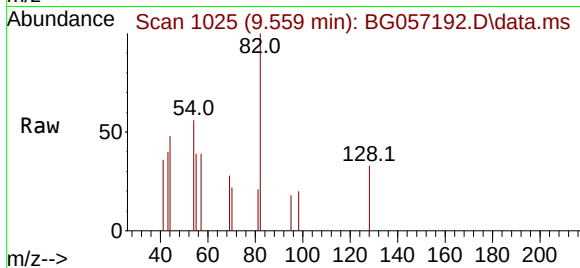
Acq: 26 Apr 2023 14:43

Instrument :

BNA_G

ClientSampleId :

SPA-3WC-23-04DL2



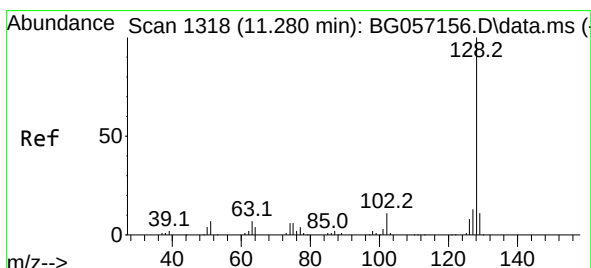
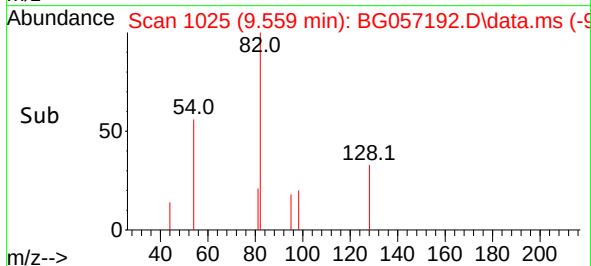
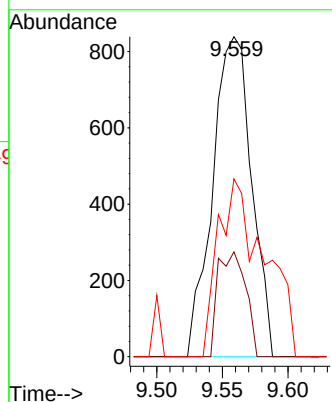
Tgt Ion: 82 Resp: 1736

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

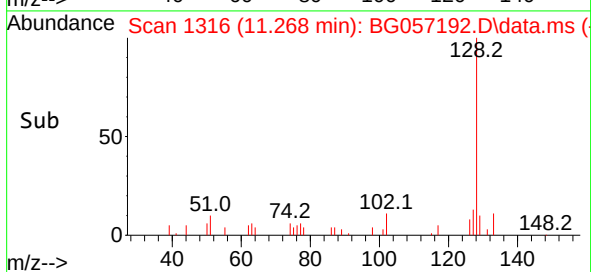
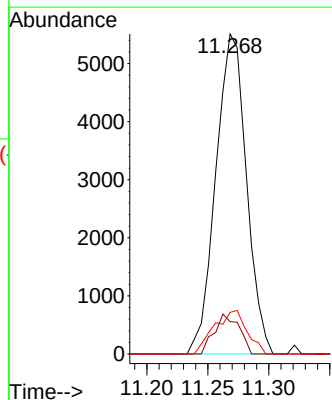
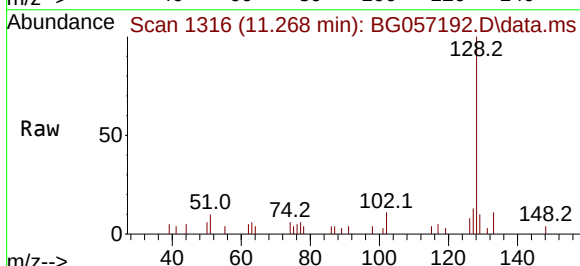
Tgt Ion: 128 Resp: 9641

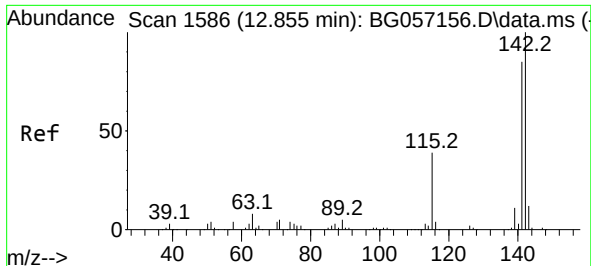
Ion Ratio Lower Upper

128 100

129 10.1 8.8 13.2

127 13.0 10.6 16.0





#37

2-Methylnaphthalene

Concen: 3.016 ng

RT: 12.848 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG057192.D

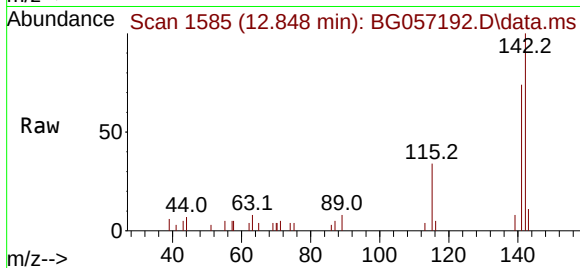
Acq: 26 Apr 2023 14:43

Instrument :

BNA_G

ClientSampleId :

SPA-3WC-23-04DL2



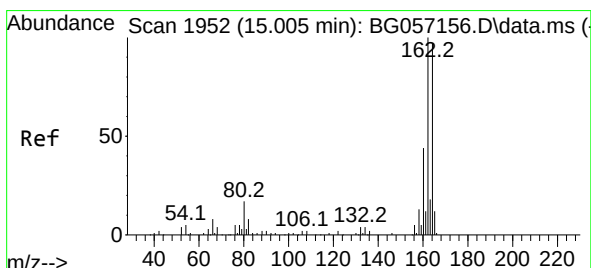
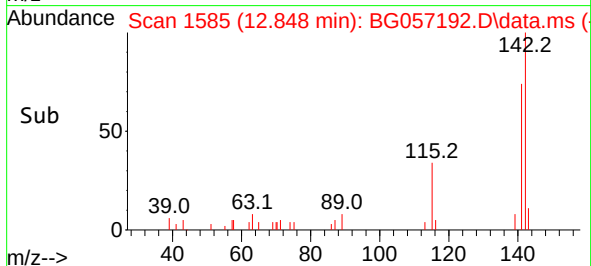
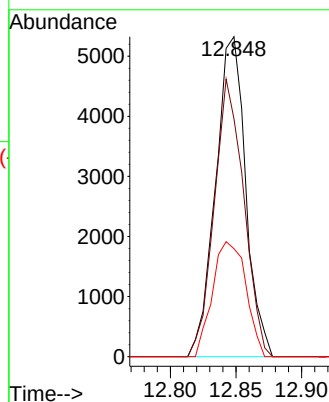
Tgt Ion:142 Resp: 8496

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# 1950

Delta R.T. 0.001 min

Lab File: BG057192.D

Acq: 26 Apr 2023 14:43

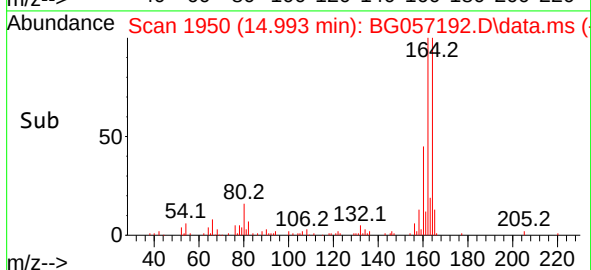
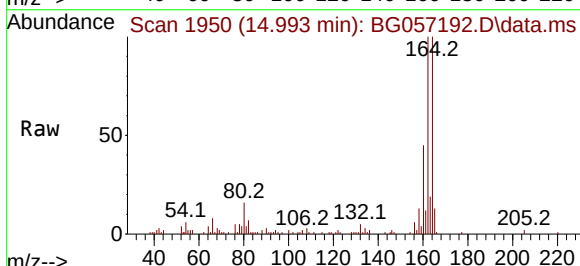
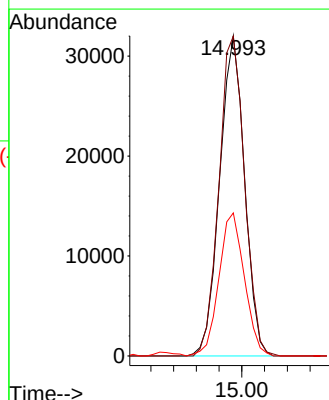
Tgt Ion:164 Resp: 48604

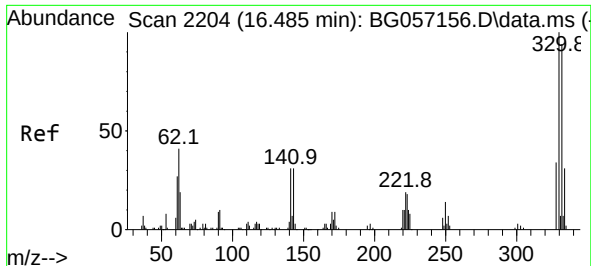
Ion Ratio Lower Upper

164 100

162 100.0 82.4 123.6

160 44.7 36.2 54.2

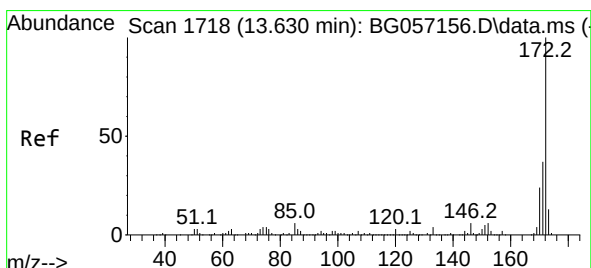
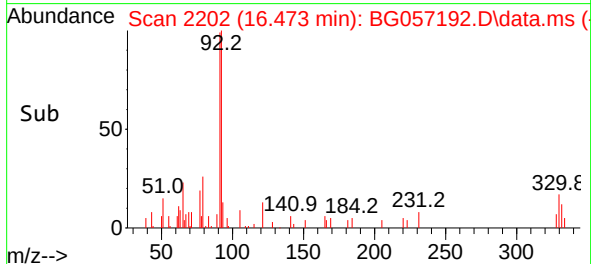
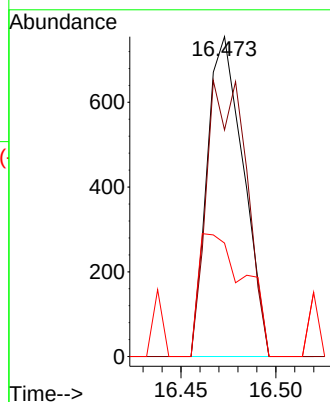
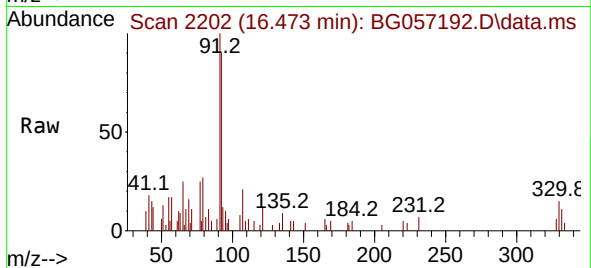




#42
2,4,6-Tribromophenol
Concen: 1.570 ng
RT: 16.473 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057192.D
Acq: 26 Apr 2023 14:43

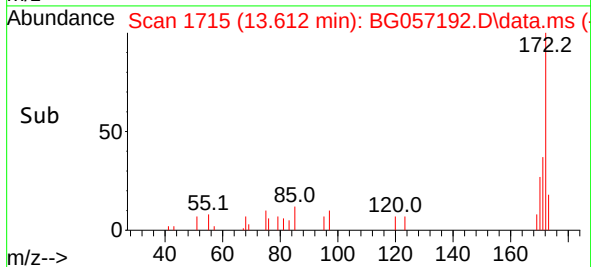
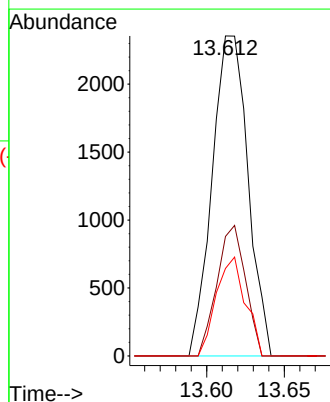
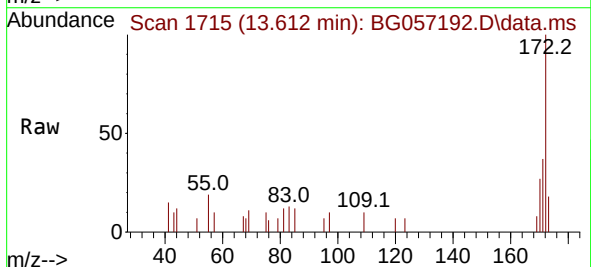
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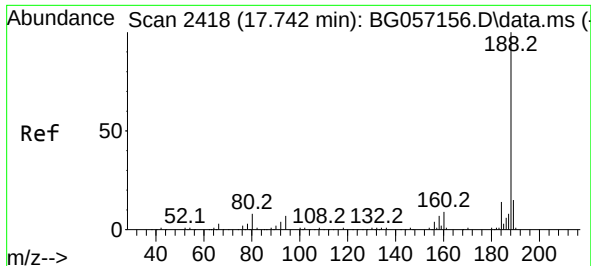
Tgt Ion:330 Resp: 1007
Ion Ratio Lower Upper
330 100
332 94.2 77.6 116.4
141 49.0 26.0 39.0#



#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

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

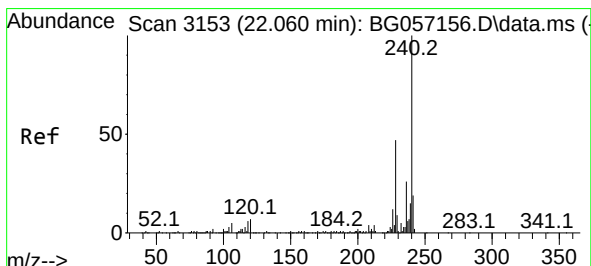
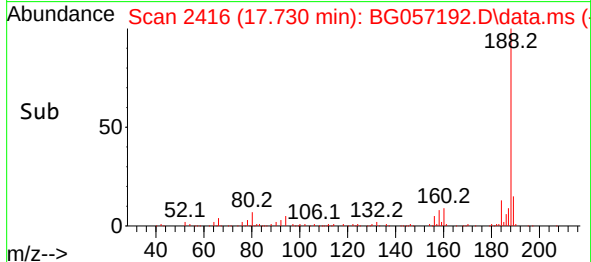
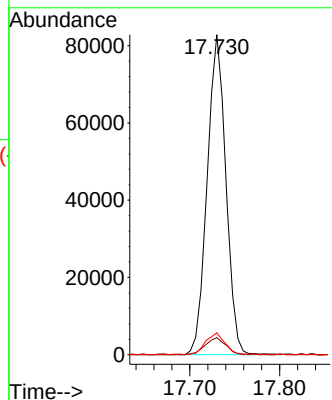
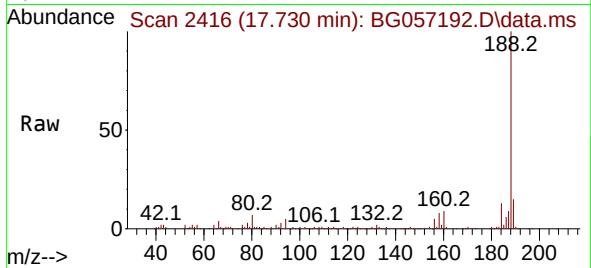




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.730 min Scan# 2418
Delta R.T. -0.005 min
Lab File: BG057192.D
Acq: 26 Apr 2023 14:43

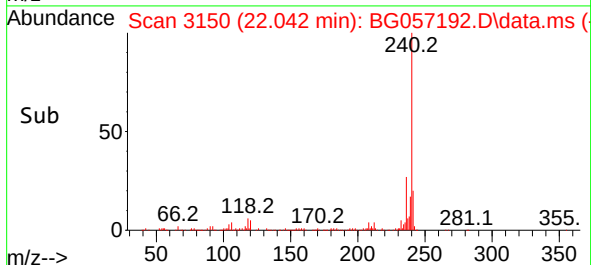
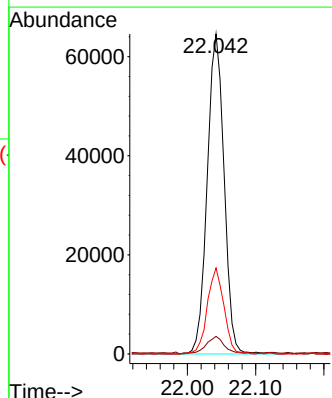
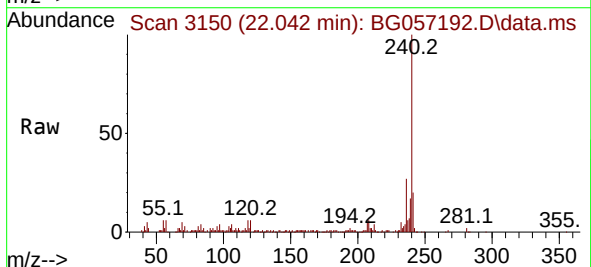
Instrument :
BNA_G
ClientSampleId :
SPA-3WC-23-04DL2

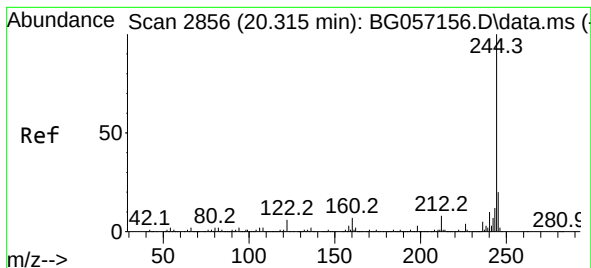
Tgt Ion:188 Resp: 119728
Ion Ratio Lower Upper
188 100
94 5.4 5.4 8.0
80 6.8 6.2 9.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.042 min Scan# 3150
Delta R.T. -0.005 min
Lab File: BG057192.D
Acq: 26 Apr 2023 14:43

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# 21

Delta R.T. -0.005 min

Lab File: BG057192.D

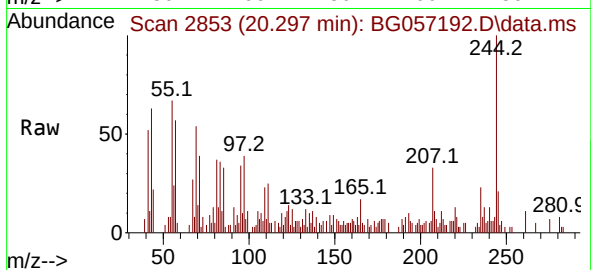
Acq: 26 Apr 2023 14:43

Instrument :

BNA_G

ClientSampleId :

SPA-3WC-23-04DL2



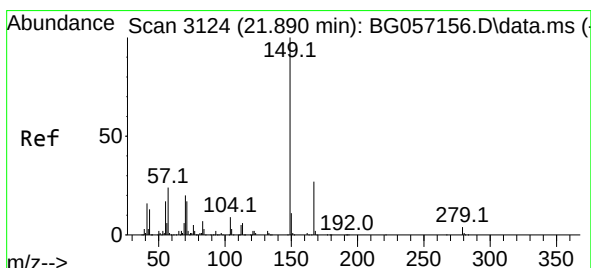
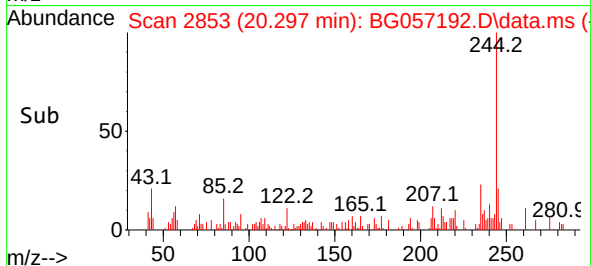
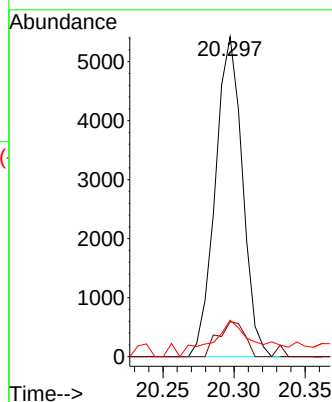
Tgt Ion:244 Resp: 7196

Ion Ratio Lower Upper

244 100

212 11.0 6.0 9.0#

122 11.4 5.0 7.4#



#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

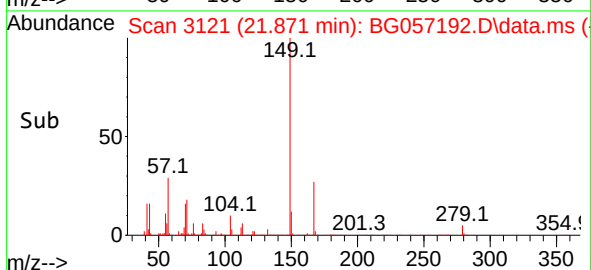
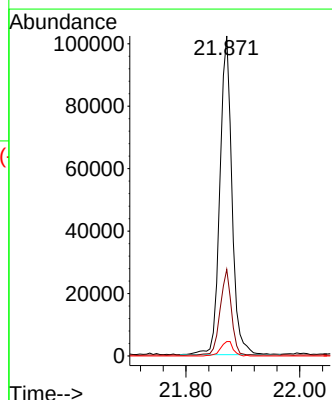
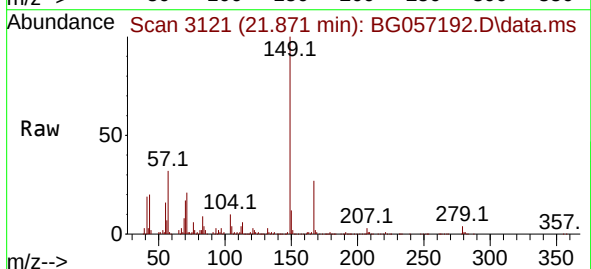
Tgt Ion:149 Resp: 150211

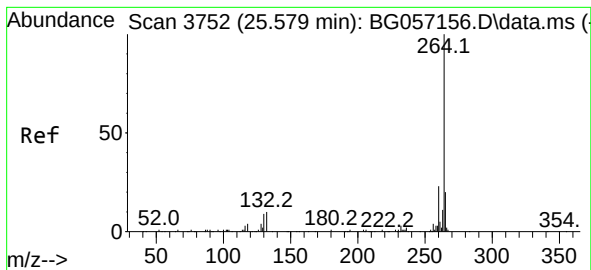
Ion Ratio Lower Upper

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

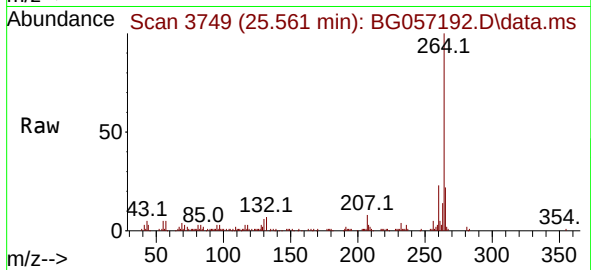
Acq: 26 Apr 2023 14:43

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

