

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042623\
 Data File : BG057196.D
 Acq On : 26 Apr 2023 17:26
 Operator : CG/JU
 Sample : 02386-19DL2 125X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPA-5WC-23-04DL2

Quant Time: Apr 27 03:07:06 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)

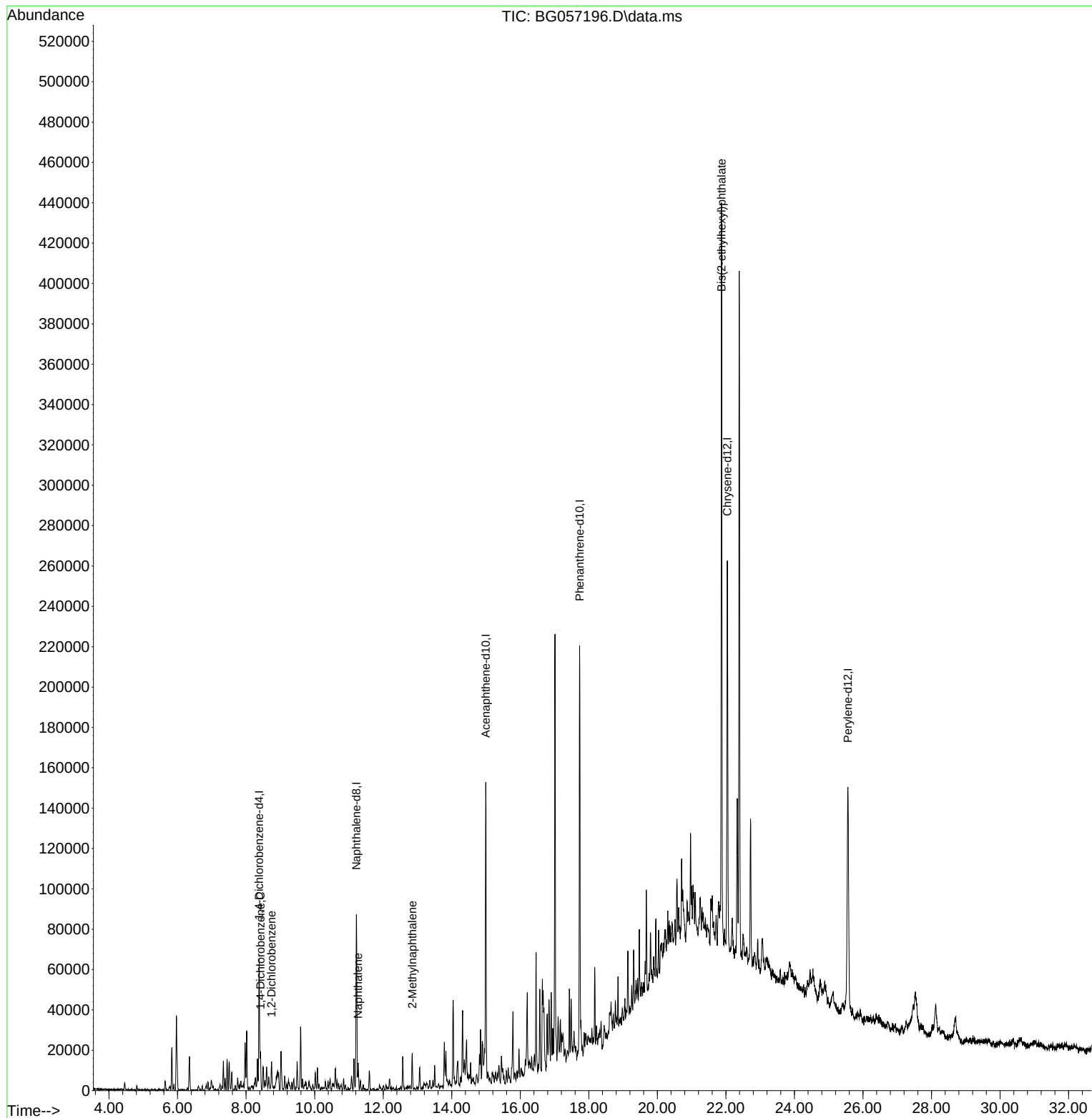
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.378	152	17632	20.000	ng	0.00
21) Naphthalene-d8	11.215	136	70499	20.000	ng	0.00
39) Acenaphthene-d10	14.993	164	50576	20.000	ng	0.00
64) Phenanthrene-d10	17.730	188	129094	20.000	ng	0.00
76) Chrysene-d12	22.042	240	119459	20.000	ng	0.00
86) Perylene-d12	25.561	264	129721	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.899	112	443	0.455	ng	0.00
7) Phenol-d6	7.520	99	727	0.516	ng	0.00
23) Nitrobenzene-d5	9.559	82	481	0.337	ng	0.00
42) 2,4,6-Tribromophenol	16.473	330	278	0.417	ng	0.00
45) 2-Fluorobiphenyl	13.618	172	1544	0.410	ng	0.00
79) Terphenyl-d14	20.297	244	3202	0.469	ng	0.00
Target Compounds						
						Qvalue
13) 1,4-Dichlorobenzene	8.419	146	5964	4.901	ng	96
14) 1,2-Dichlorobenzene	8.742	146	5149	4.383	ng	98
31) Naphthalene	11.268	128	9678	2.585	ng	# 94
37) 2-Methylnaphthalene	12.849	142	8758	2.972	ng	87
84) Bis(2-ethylhexyl)phtha...	21.872	149	157046	47.002	ng	97

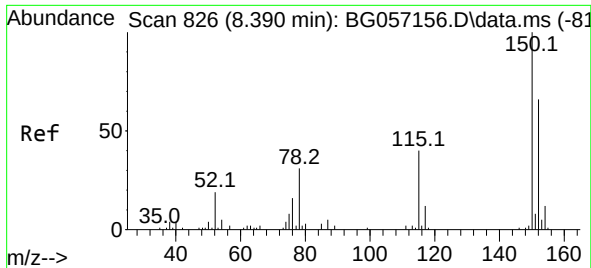
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042623\
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Misc :
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Quant Time: Apr 27 03:07:06 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 27 03:02:41 2023
Response via : Initial Calibration

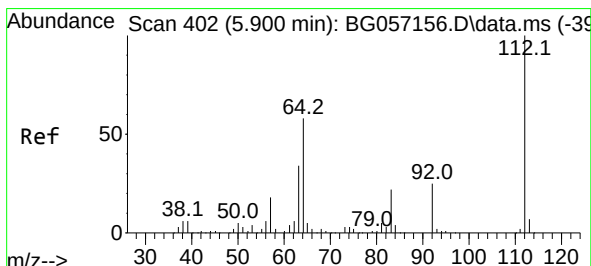
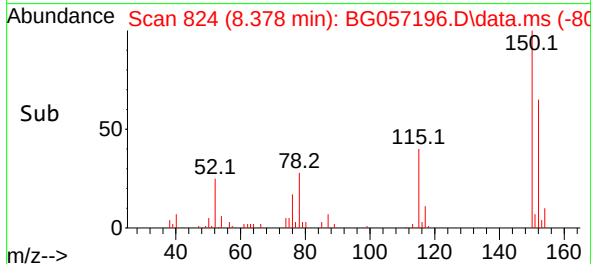
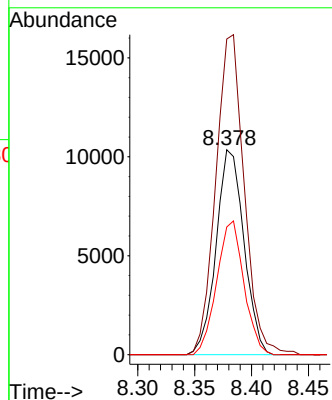
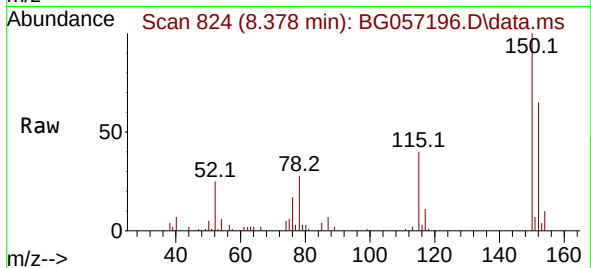




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.378 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057196.D
Acq: 26 Apr 2023 17:26

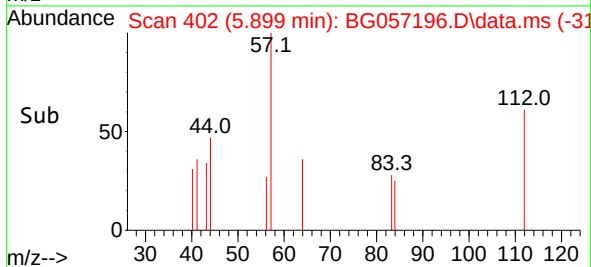
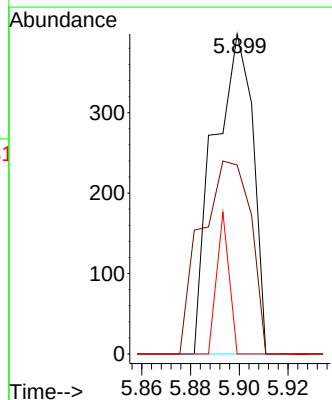
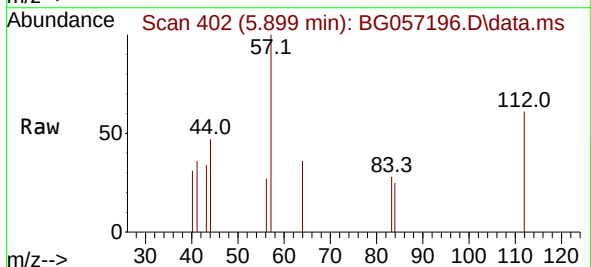
Instrument :
BNA_G
ClientSampleId :
SPA-5WC-23-04DL2

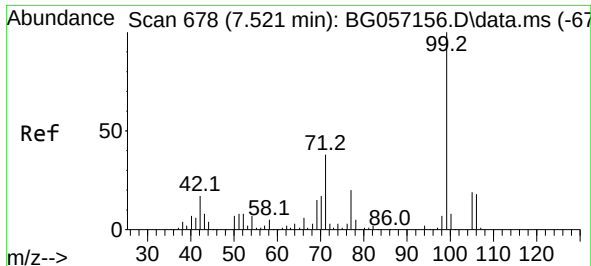
Tgt Ion:152 Resp: 17632
Ion Ratio Lower Upper
152 100
150 154.1 121.4 182.2
115 62.3 48.1 72.1



#5
2-Fluorophenol
Concen: 0.455 ng
RT: 5.899 min Scan# 402
Delta R.T. 0.007 min
Lab File: BG057196.D
Acq: 26 Apr 2023 17:26

Tgt Ion:112 Resp: 443
Ion Ratio Lower Upper
112 100
64 59.0 46.7 70.1
63 0.0 26.9 40.3#

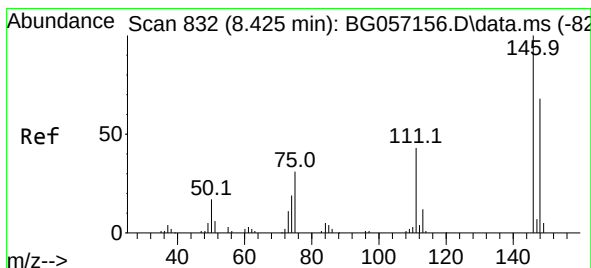
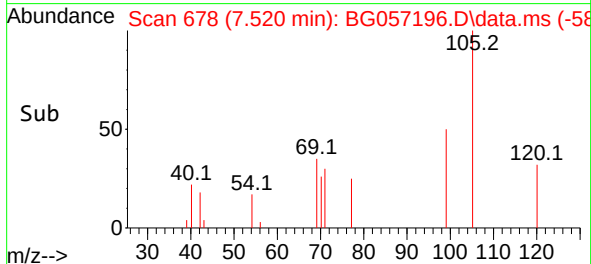
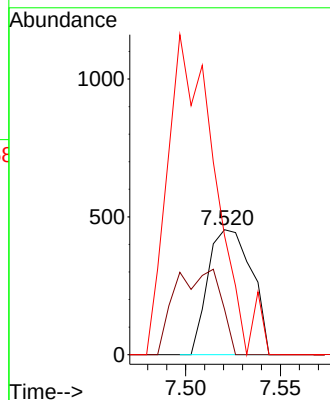
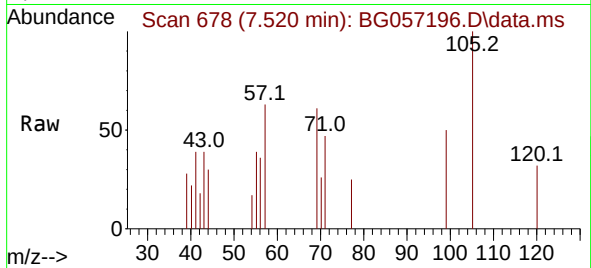




#7
Phenol-d6
Concen: 0.516 ng
RT: 7.520 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057196.D
Acq: 26 Apr 2023 17:26

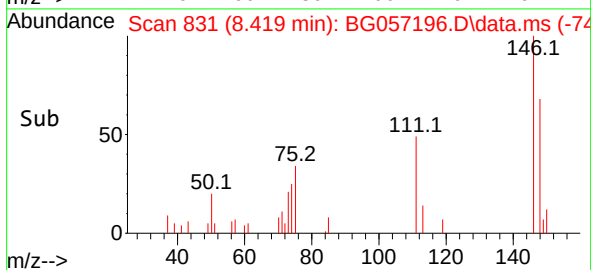
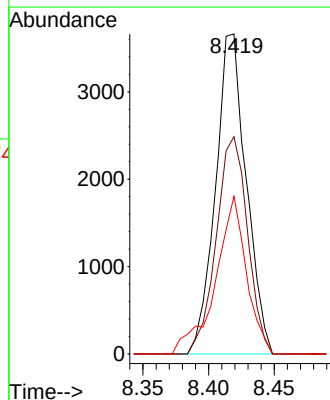
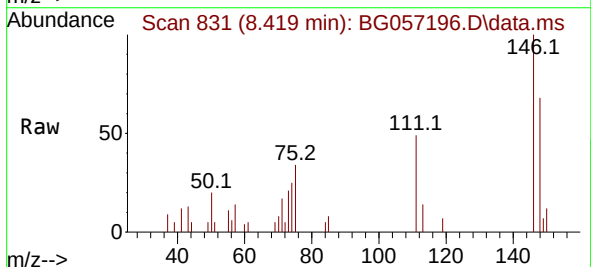
Instrument :
BNA_G
ClientSampleId :
SPA-5WC-23-04DL2

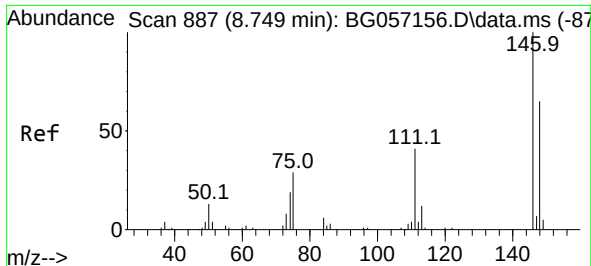
Tgt Ion: 99 Resp: 727
Ion Ratio Lower Upper
99 100
42 36.4 13.4 20.0#
71 95.4 30.2 45.2#



#13
1,4-Dichlorobenzene
Concen: 4.901 ng
RT: 8.419 min Scan# 831
Delta R.T. 0.001 min
Lab File: BG057196.D
Acq: 26 Apr 2023 17:26

Tgt Ion: 146 Resp: 5964
Ion Ratio Lower Upper
146 100
148 67.9 54.3 81.5
111 49.3 34.2 51.4

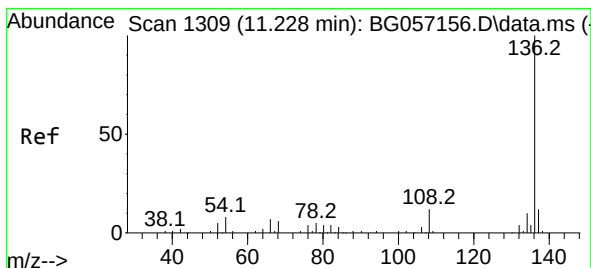
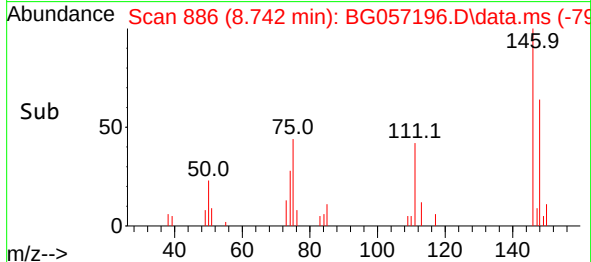
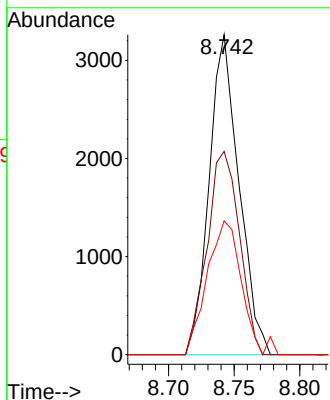
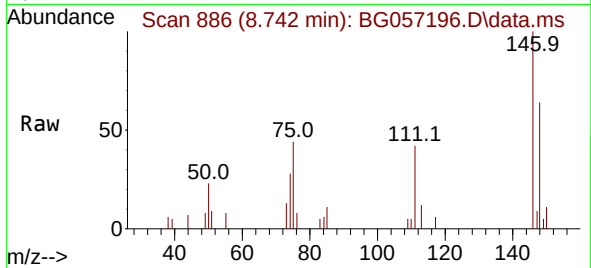




#14
1,2-Dichlorobenzene
Concen: 4.383 ng
RT: 8.742 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG057196.D
Acq: 26 Apr 2023 17:26

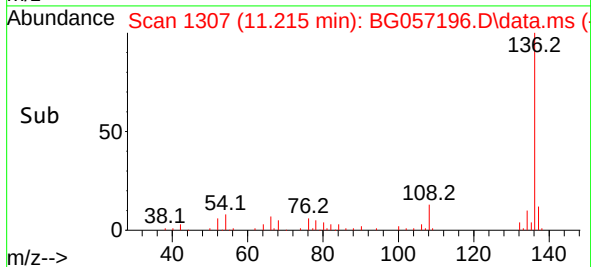
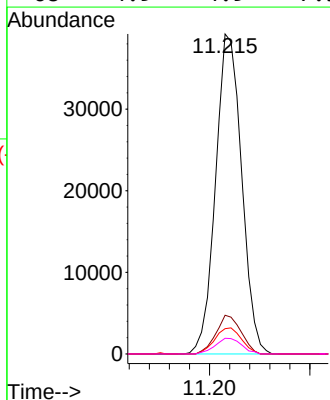
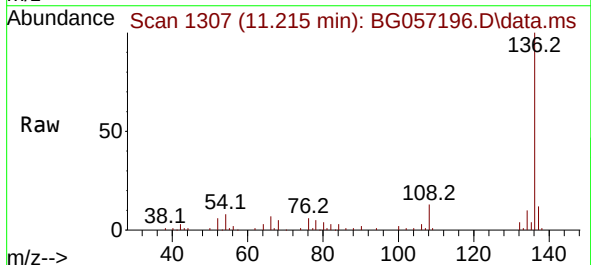
Instrument :
BNA_G
ClientSampleId :
SPA-5WC-23-04DL2

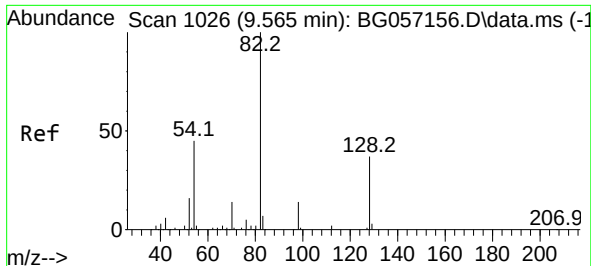
Tgt Ion:146 Resp: 5149
Ion Ratio Lower Upper
146 100
148 63.5 52.3 78.5
111 41.8 33.1 49.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.215 min Scan# 1307
Delta R.T. -0.005 min
Lab File: BG057196.D
Acq: 26 Apr 2023 17:26

Tgt Ion:136 Resp: 70499
Ion Ratio Lower Upper
136 100
137 12.1 9.5 14.3
54 7.9 6.4 9.6
68 4.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 0.337 ng

RT: 9.559 min Scan# 1025

Delta R.T. 0.001 min

Lab File: BG057196.D

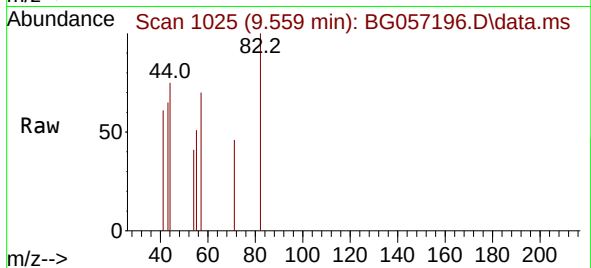
Acq: 26 Apr 2023 17:26

Instrument :

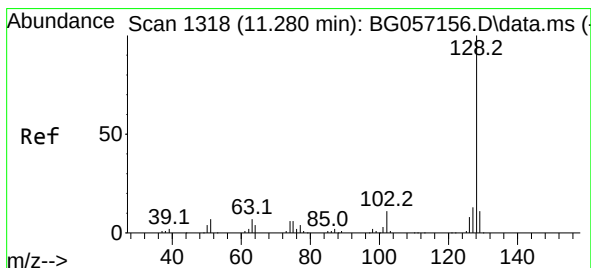
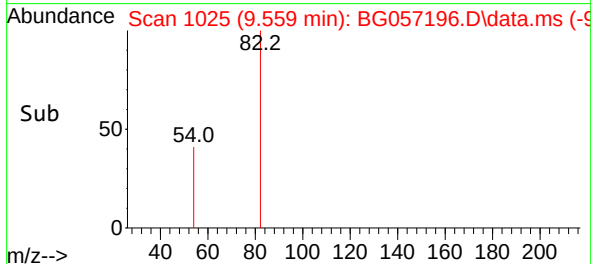
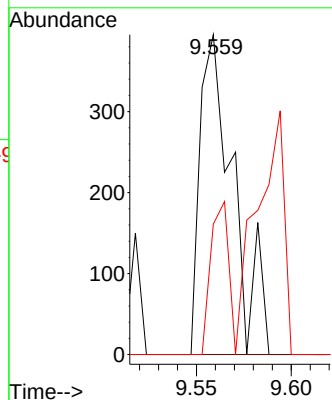
BNA_G

ClientSampleId :

SPA-5WC-23-04DL2



Tgt Ion: 82	Resp: 481
Ion Ratio	Lower Upper
82	100
128	0.0 29.4 44.2#
54	40.8 36.2 54.2



#31

Naphthalene

Concen: 2.585 ng

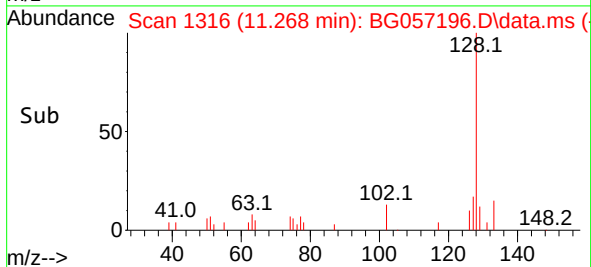
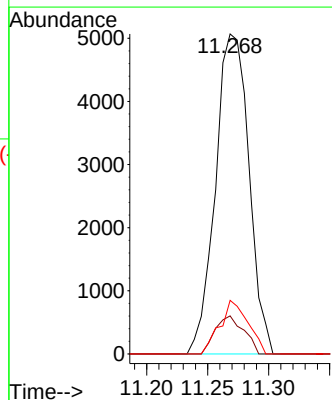
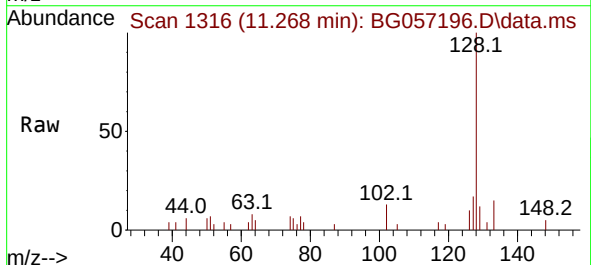
RT: 11.268 min Scan# 1316

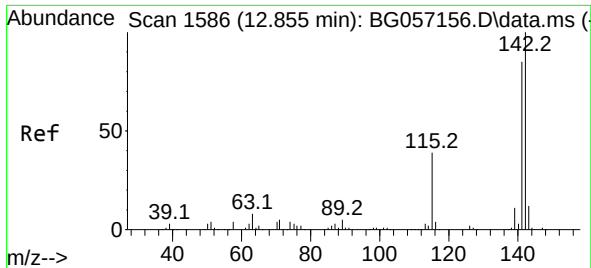
Delta R.T. -0.005 min

Lab File: BG057196.D

Acq: 26 Apr 2023 17:26

Tgt Ion: 128	Resp: 9678
Ion Ratio	Lower Upper
128	100
129	11.9 8.8 13.2
127	16.8 10.6 16.0#

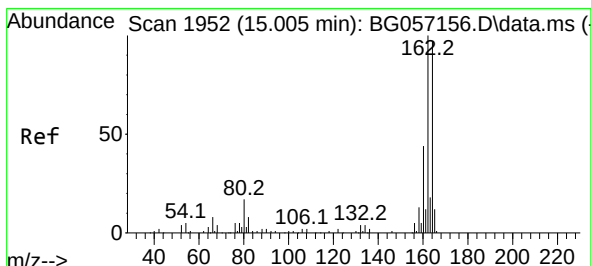
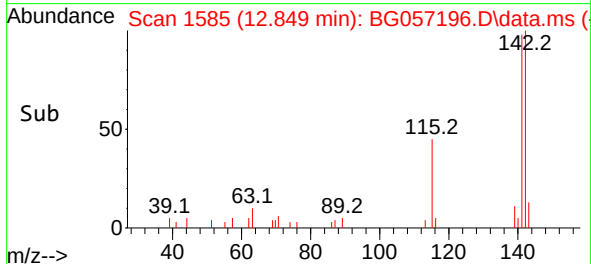
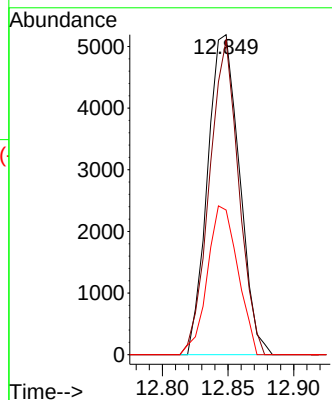
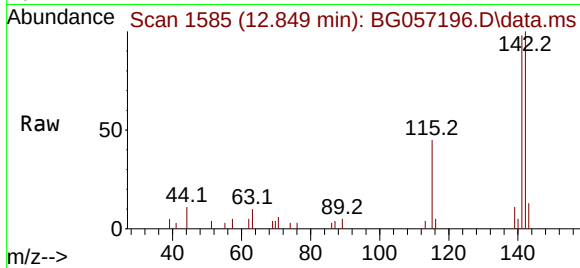




#37
2-Methylnaphthalene
Concen: 2.972 ng
RT: 12.849 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG057196.D
Acq: 26 Apr 2023 17:26

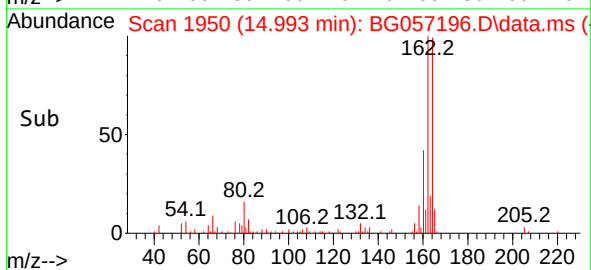
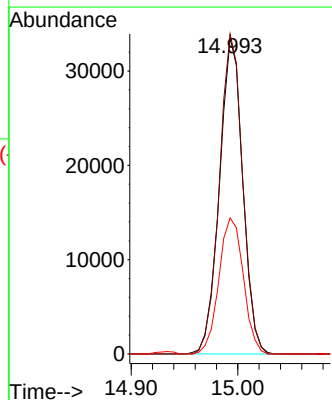
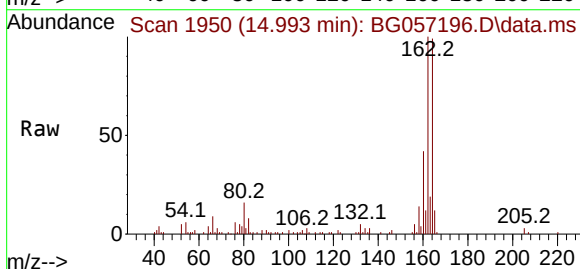
Instrument :
BNA_G
ClientSampleId :
SPA-5WC-23-04DL2

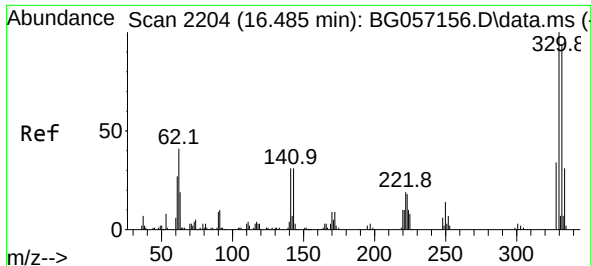
Tgt Ion:142	Resp:	8758
Ion Ratio	Lower	Upper
142	100	
141	98.2	68.1 102.1
115	45.2	31.0 46.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.993 min Scan# 1950
Delta R.T. 0.001 min
Lab File: BG057196.D
Acq: 26 Apr 2023 17:26

Tgt Ion:164	Resp:	50576
Ion Ratio	Lower	Upper
164	100	
162	101.3	82.4 123.6
160	43.0	36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 0.417 ng

RT: 16.473 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG057196.D

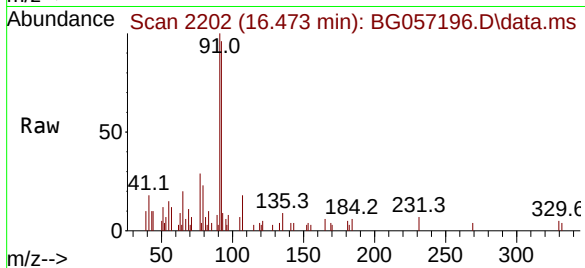
Acq: 26 Apr 2023 17:26

Instrument :

BNA_G

ClientSampleId :

SPA-5WC-23-04DL2



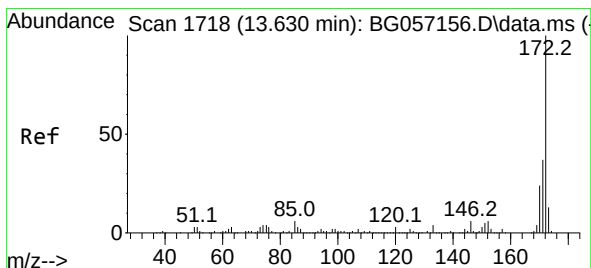
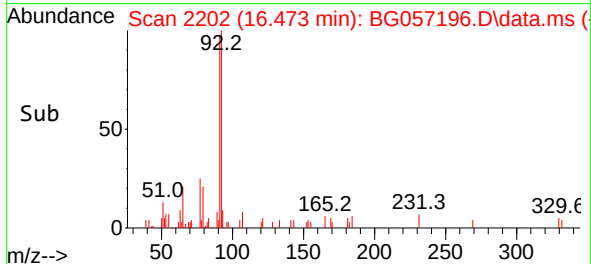
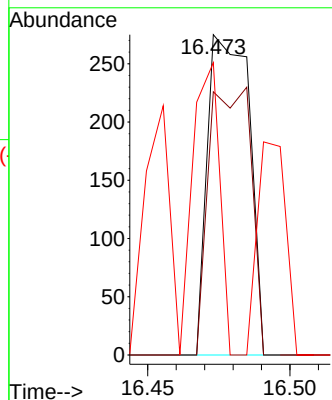
Tgt Ion:330 Resp: 278

Ion Ratio Lower Upper

330 100

332 0.0 77.6 116.4#

141 59.4 26.0 39.0#



#45

2-Fluorobiphenyl

Concen: 0.410 ng

RT: 13.618 min Scan# 1716

Delta R.T. 0.001 min

Lab File: BG057196.D

Acq: 26 Apr 2023 17:26

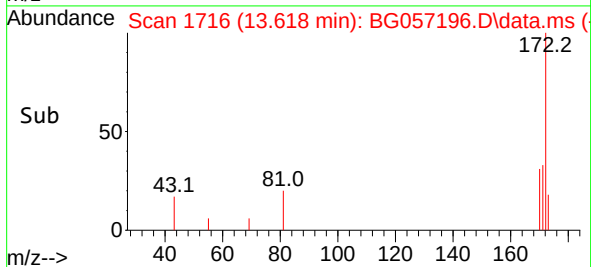
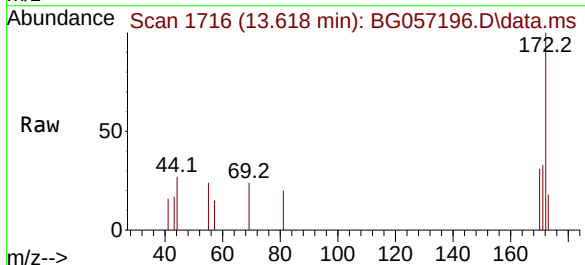
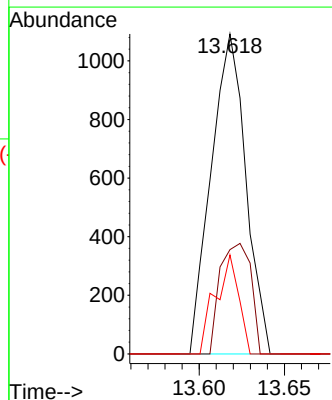
Tgt Ion:172 Resp: 1544

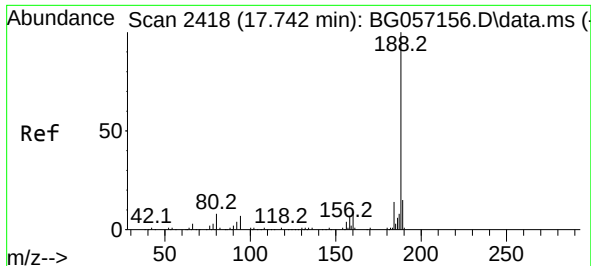
Ion Ratio Lower Upper

172 100

171 32.6 29.2 43.8

170 31.0 19.4 29.2#

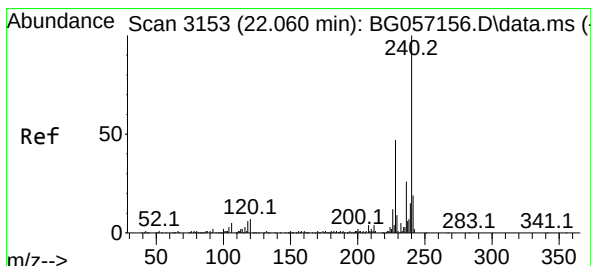
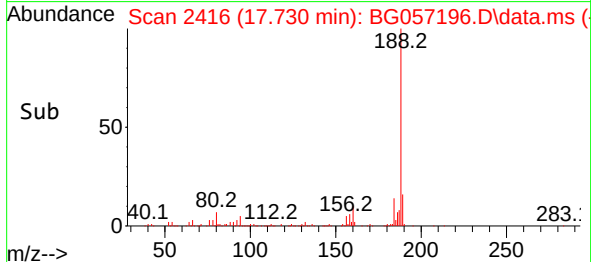
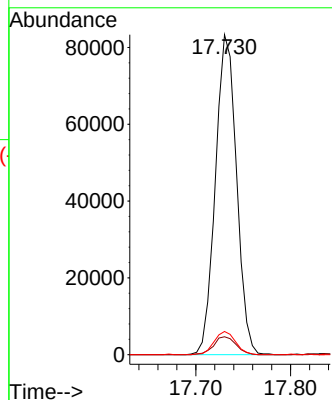
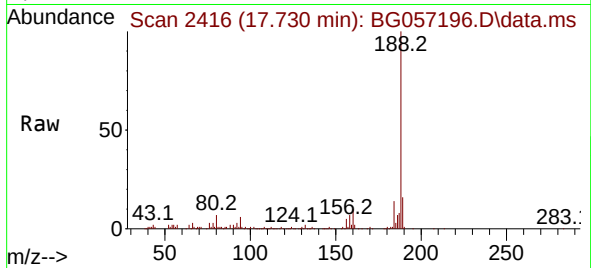




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.730 min Scan# 2418
Delta R.T. -0.005 min
Lab File: BG057196.D
Acq: 26 Apr 2023 17:26

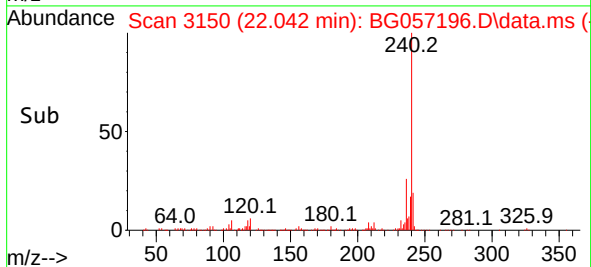
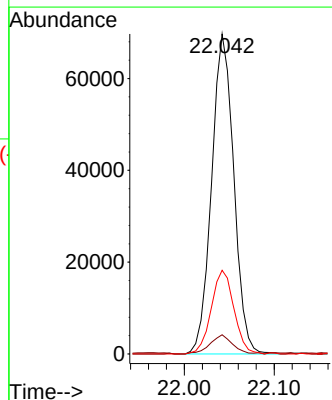
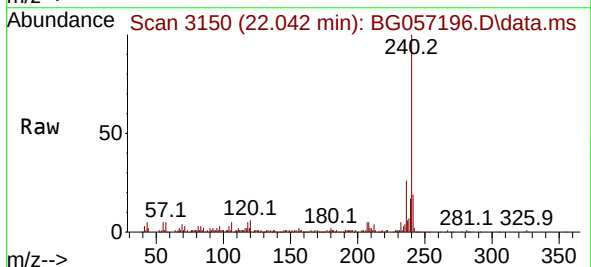
Instrument :
BNA_G
ClientSampleId :
SPA-5WC-23-04DL2

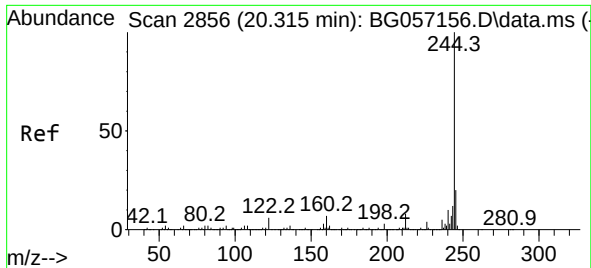
Tgt Ion:188 Resp: 129094
Ion Ratio Lower Upper
188 100
94 5.6 5.4 8.0
80 7.3 6.2 9.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.042 min Scan# 3150
Delta R.T. -0.005 min
Lab File: BG057196.D
Acq: 26 Apr 2023 17:26

Tgt Ion:240 Resp: 119459
Ion Ratio Lower Upper
240 100
120 6.0 5.5 8.3
236 26.2 20.8 31.2

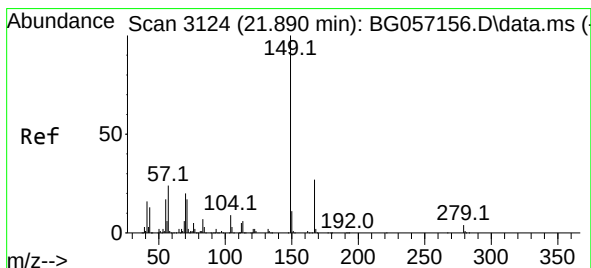
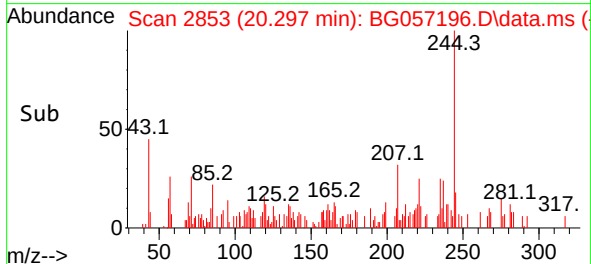
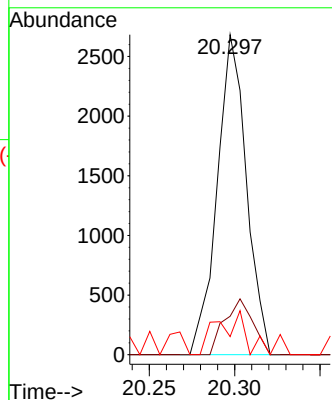
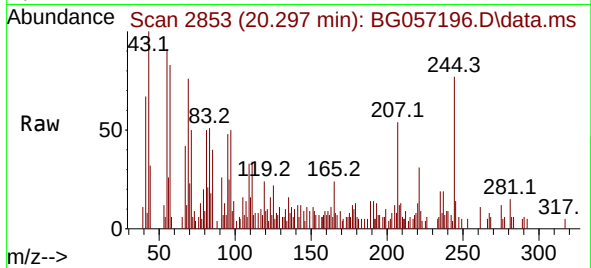




#79
 Terphenyl-d14
 Concen: 0.469 ng
 RT: 20.297 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG057196.D
 Acq: 26 Apr 2023 17:26

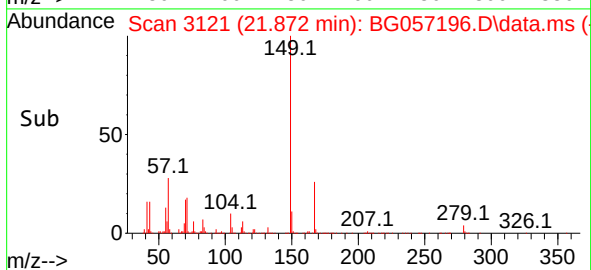
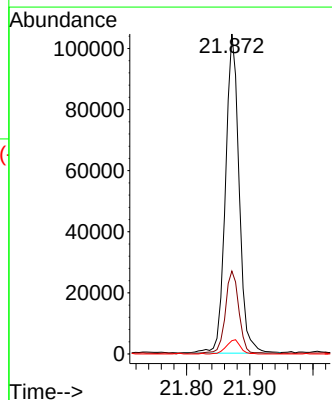
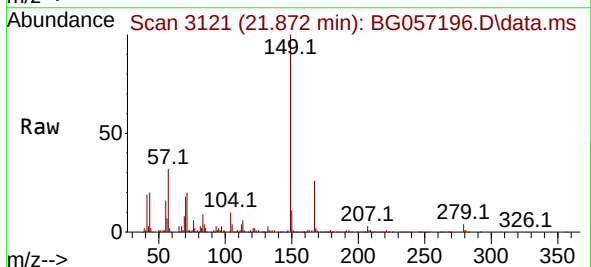
Instrument :
 BNA_G
 ClientSampleId :
 SPA-5WC-23-04DL2

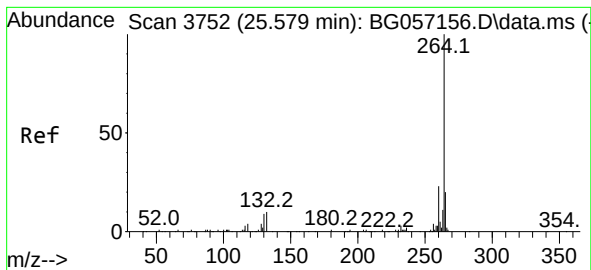
Tgt Ion:244 Resp: 3202
 Ion Ratio Lower Upper
 244 100
 212 12.0 6.0 9.0#
 122 5.7 5.0 7.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.002 ng
 RT: 21.872 min Scan# 3121
 Delta R.T. 0.001 min
 Lab File: BG057196.D
 Acq: 26 Apr 2023 17:26

Tgt Ion:149 Resp: 157046
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.9 32.9
 279 4.2 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: BG057196.D

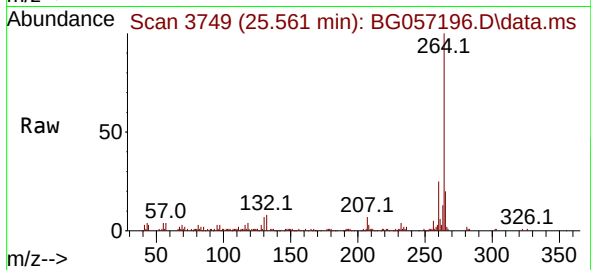
Acq: 26 Apr 2023 17:26

Instrument :

BNA_G

ClientSampleId :

SPA-5WC-23-04DL2



Tgt Ion:264 Resp: 129721

Ion Ratio Lower Upper

264 100

260 25.0 18.8 28.2

265 20.1 16.4 24.6

