

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042623\
 Data File : BG057191.D
 Acq On : 26 Apr 2023 14:02
 Operator : CG/JU
 Sample : 02386-07DL2 50X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPA-2WC-23-04DL2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/27/2023
 Supervised By :Jagrut Upadhyay 04/27/2023

Quant Time: Apr 27 03:05:54 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	8.380	152	16020	20.000	ng	0.00
21) Naphthalene-d8	11.217	136	65243	20.000	ng	0.00
39) Acenaphthene-d10	14.995	164	46829	20.000	ng	0.00
64) Phenanthrene-d10	17.732	188	115272	20.000	ng	0.00
76) Chrysene-d12	22.044	240	107647	20.000	ng	0.00
86) Perylene-d12	25.557	264	115915	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.895	112	2335	2.641	ng	0.00
7) Phenol-d6	7.522	99	3586	2.804	ng	0.00
23) Nitrobenzene-d5	9.561	82	2545	1.928	ng	0.00
42) 2,4,6-Tribromophenol	16.475	330	1546	2.502	ng	0.00
45) 2-Fluorobiphenyl	13.614	172	5782	1.659	ng	0.00
79) Terphenyl-d14	20.299	244	11689	1.899	ng	0.00
Target Compounds						Qvalue
13) 1,4-Dichlorobenzene	8.415	146	2799m	2.532	ng	
14) 1,2-Dichlorobenzene	8.738	146	3277	3.070	ng	91
84) Bis(2-ethylhexyl)phtha...	21.873	149	89002	30.872	ng	# 98

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

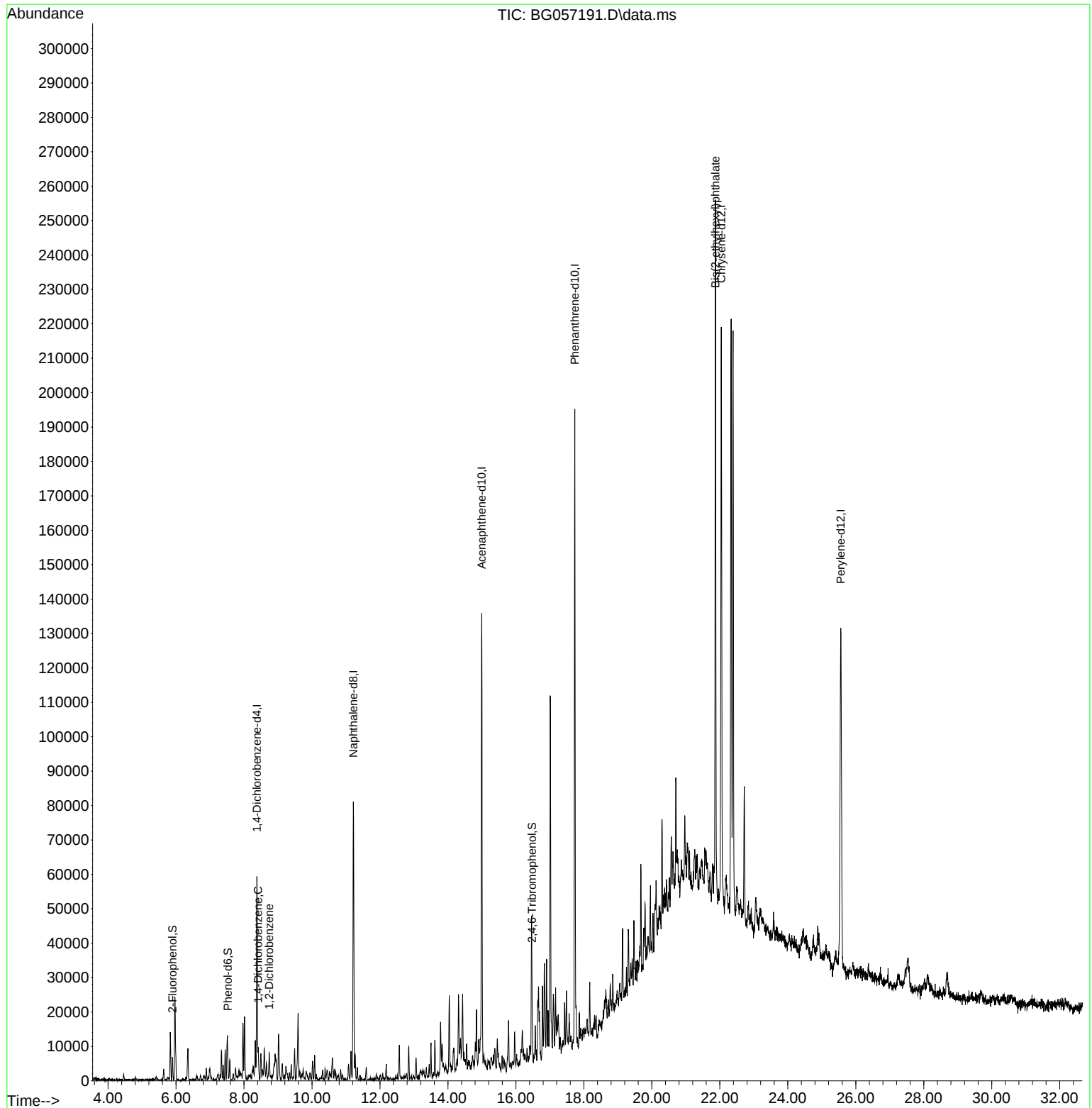
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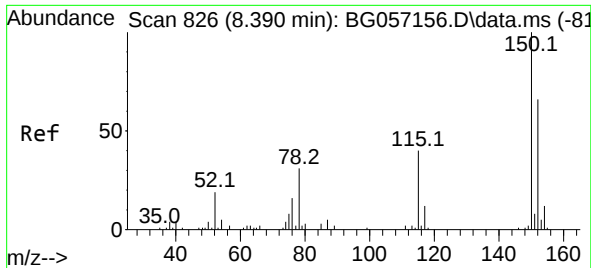
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ClientSampleId :
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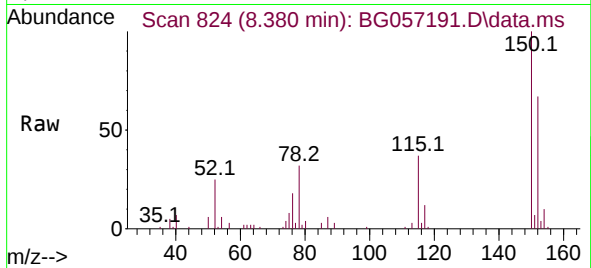
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.380 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057191.D
Acq: 26 Apr 2023 14:02

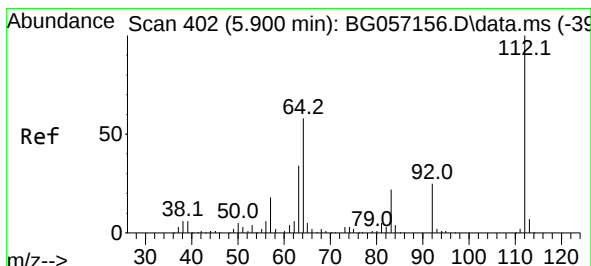
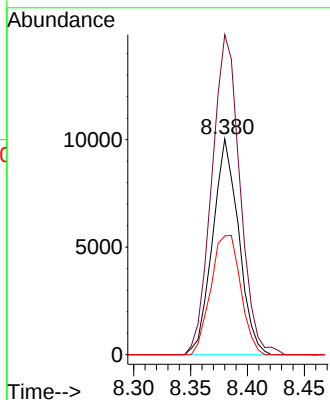
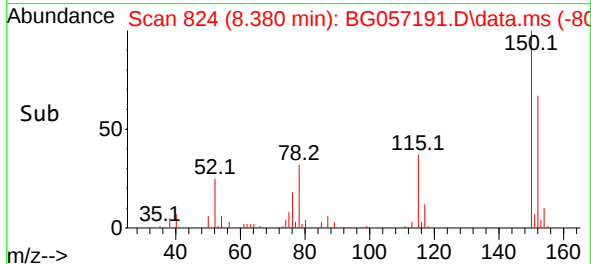
Instrument :
BNA_G
ClientSampleId :
SPA-2WC-23-04DL2



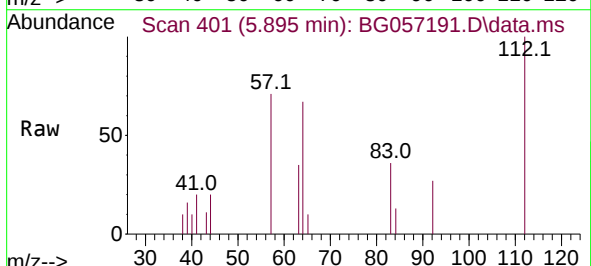
Tgt Ion:152 Resp: 16020
Ion Ratio Lower Upper
152 100
150 148.2 121.4 182.2
115 55.0 48.1 72.1

Manual Integrations
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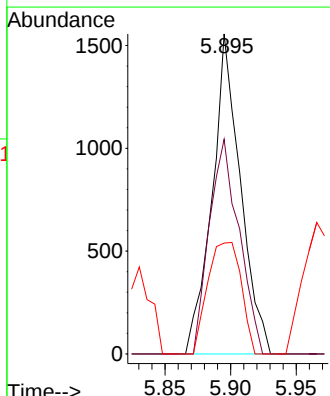
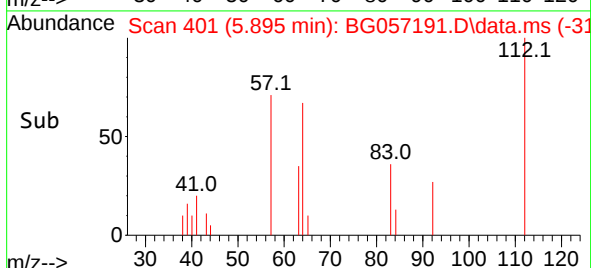
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

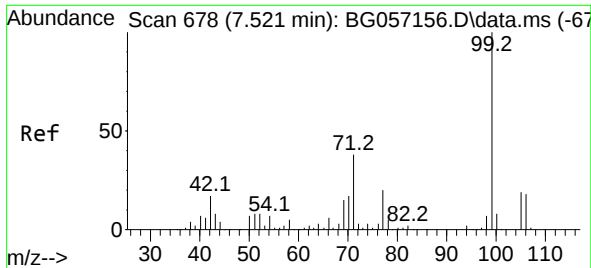


#5
2-Fluorophenol
Concen: 2.641 ng
RT: 5.895 min Scan# 401
Delta R.T. 0.003 min
Lab File: BG057191.D
Acq: 26 Apr 2023 14:02



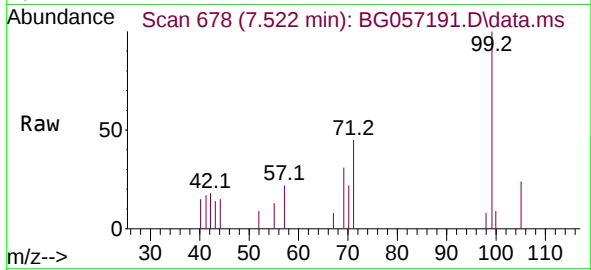
Tgt Ion:112 Resp: 2335
Ion Ratio Lower Upper
112 100
64 67.1 46.7 70.1
63 34.6 26.9 40.3





#7
Phenol-d6
Concen: 2.804 ng
RT: 7.522 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057191.D
Acq: 26 Apr 2023 14:02

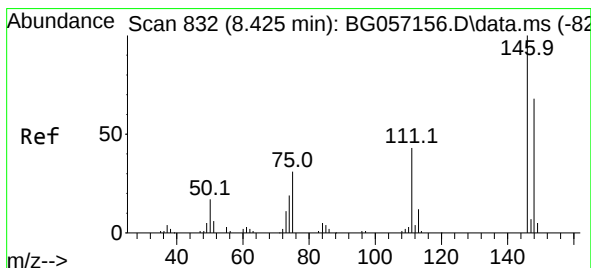
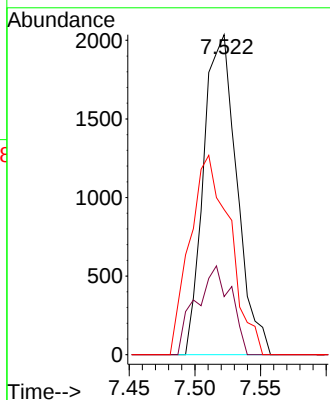
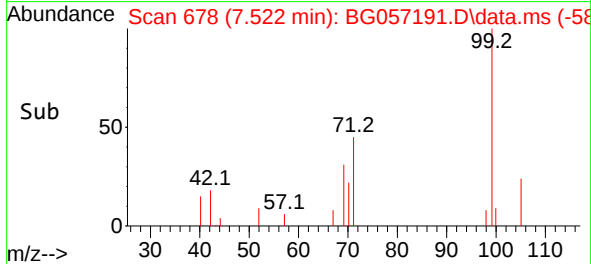
Instrument :
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SPA-2WC-23-04DL2



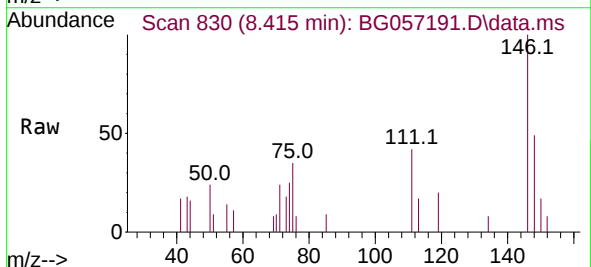
Tgt Ion: 99 Resp: 3580
Ion Ratio Lower Upper
99 100
42 18.2 13.4 20.0
71 45.3 30.2 45.2

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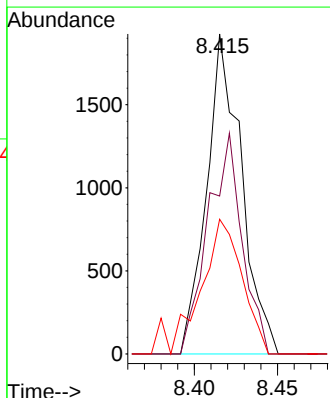
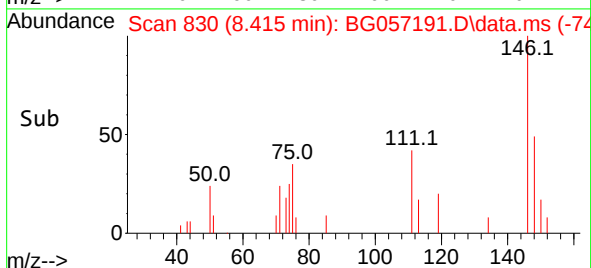
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

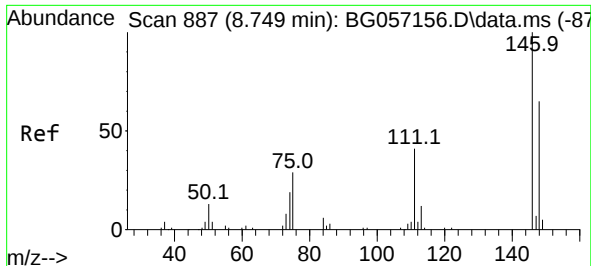


#13
1,4-Dichlorobenzene
Concen: 2.532 ng m
RT: 8.415 min Scan# 830
Delta R.T. -0.003 min
Lab File: BG057191.D
Acq: 26 Apr 2023 14:02



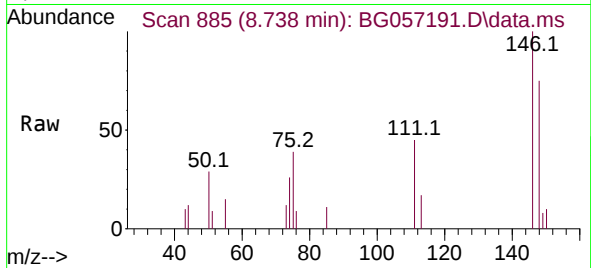
Tgt Ion:146 Resp: 2799
Ion Ratio Lower Upper
146 100
148 49.3 54.3 81.5#
111 42.1 34.2 51.4





#14
1,2-Dichlorobenzene
Concen: 3.070 ng
RT: 8.738 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057191.D
Acq: 26 Apr 2023 14:02

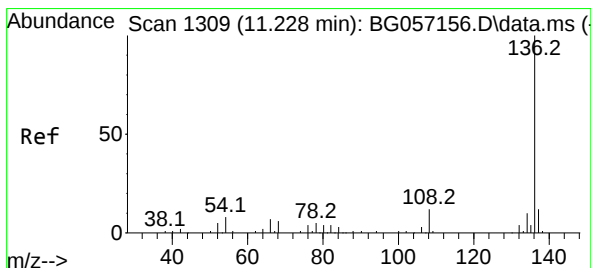
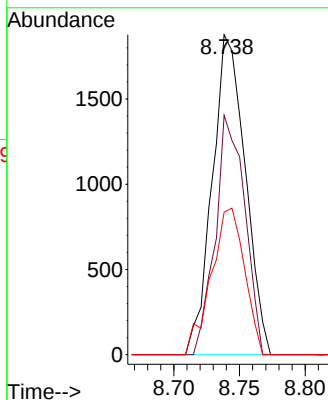
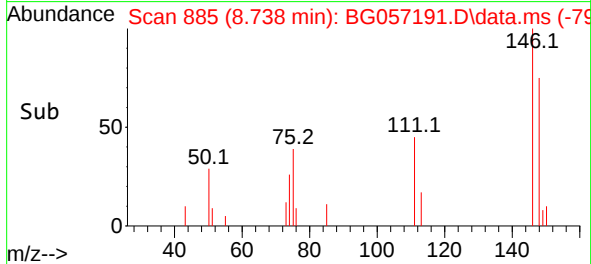
Instrument :
BNA_G
ClientSampleId :
SPA-2WC-23-04DL2



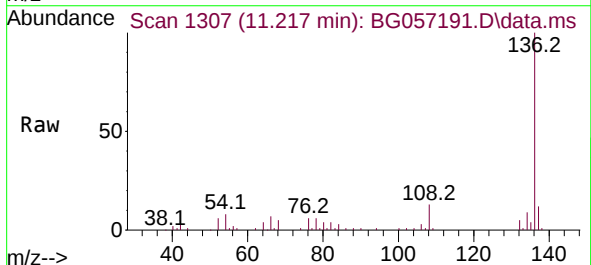
Tgt Ion:146 Resp: 327
Ion Ratio Lower Upper
146 100
148 74.8 52.3 78.5
111 44.5 33.1 49.7

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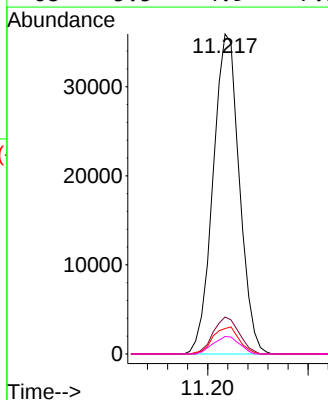
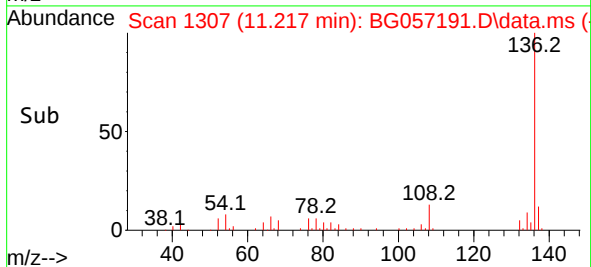
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

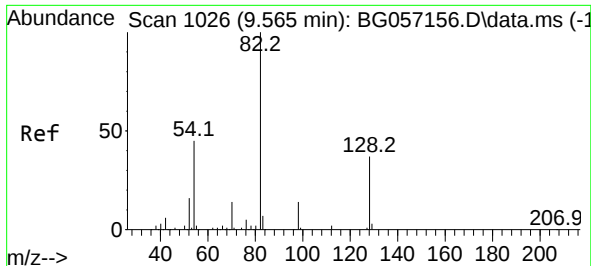


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.217 min Scan# 1307
Delta R.T. -0.003 min
Lab File: BG057191.D
Acq: 26 Apr 2023 14:02



Tgt Ion:136 Resp: 65243
Ion Ratio Lower Upper
136 100
137 11.6 9.5 14.3
54 7.9 6.4 9.6
68 5.5 4.9 7.3





#23

Nitrobenzene-d5

Concen: 1.928 ng

RT: 9.561 min Scan# 1026

Delta R.T. 0.003 min

Lab File: BG057191.D

Acq: 26 Apr 2023 14:02

Instrument :

BNA_G

ClientSampleId :

SPA-2WC-23-04DL2

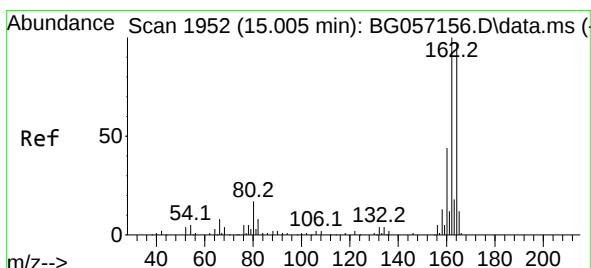
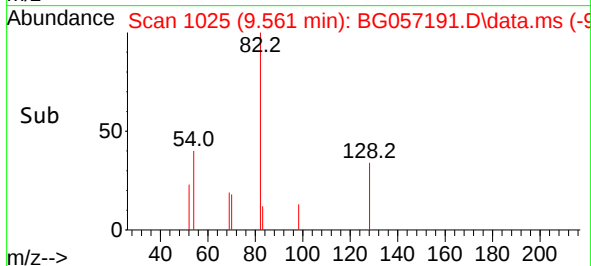
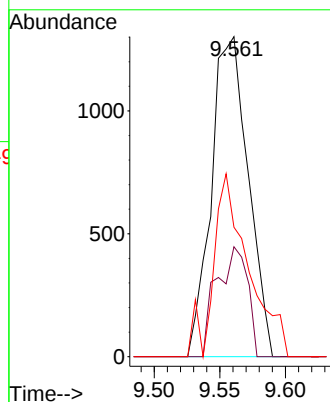
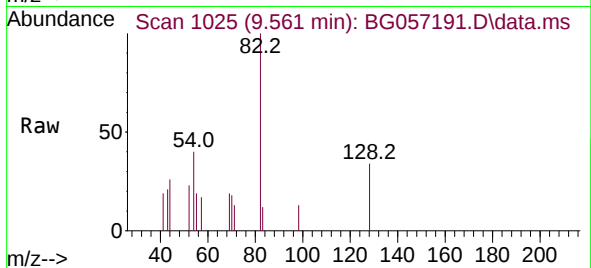
Tgt Ion:	82	Resp:	254
Ion Ratio	Lower	Upper	
82	100		
128	34.3	29.4	44.2
54	40.5	36.2	54.2

Manual Integrations

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Supervised By :Jagrut Upadhyay 04/27/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

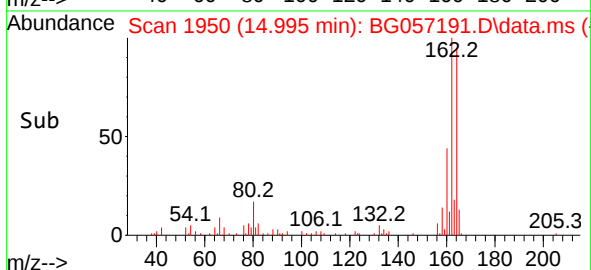
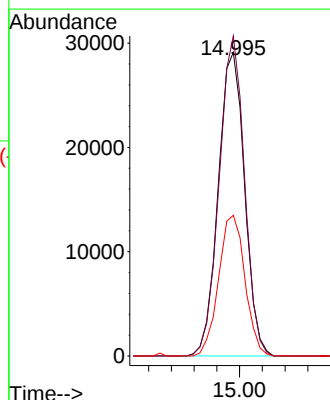
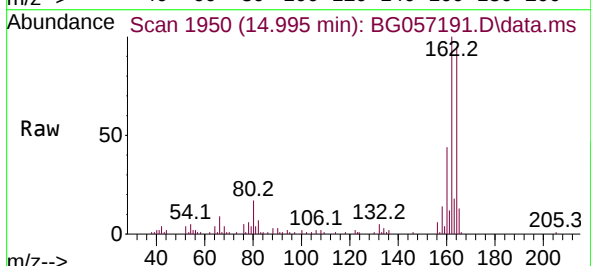
RT: 14.995 min Scan# 1950

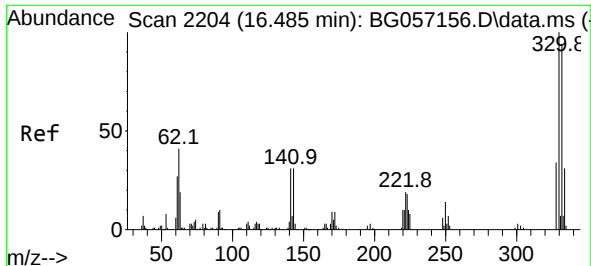
Delta R.T. 0.003 min

Lab File: BG057191.D

Acq: 26 Apr 2023 14:02

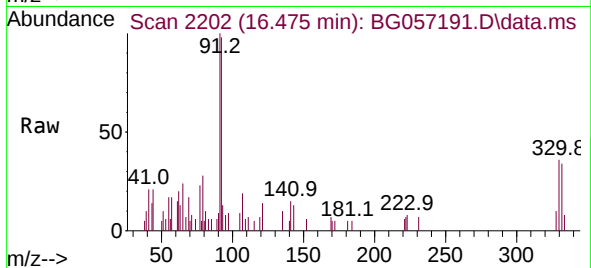
Tgt Ion:	164	Resp:	46829
Ion Ratio	Lower	Upper	
164	100		
162	105.4	82.4	123.6
160	46.3	36.2	54.2





#42
2,4,6-Tribromophenol
Concen: 2.502 ng
RT: 16.475 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057191.D
Acq: 26 Apr 2023 14:02

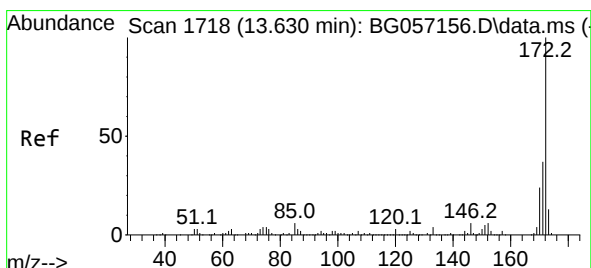
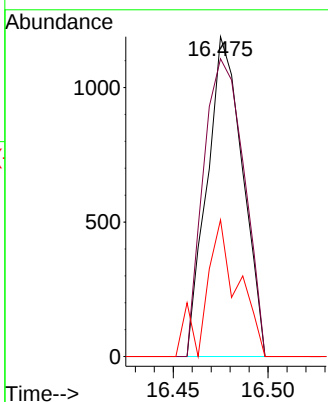
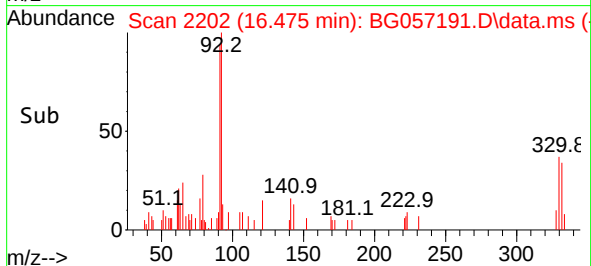
Instrument :
BNA_G
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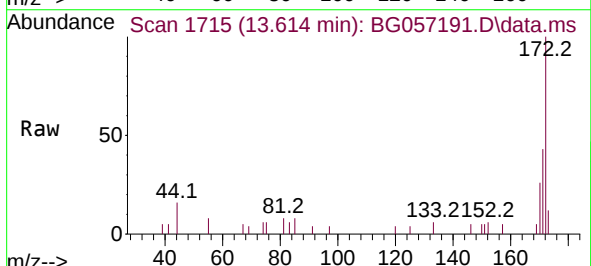
Tgt Ion:330 Resp: 1540
Ion Ratio Lower Upper
330 100
332 106.2 77.6 116.4
141 39.0 26.0 39.0

Manual Integrations
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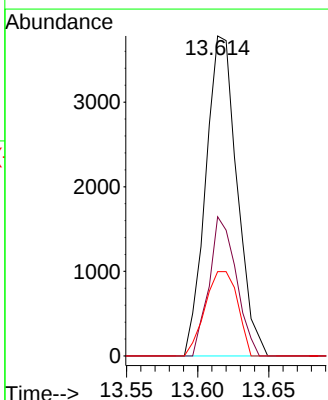
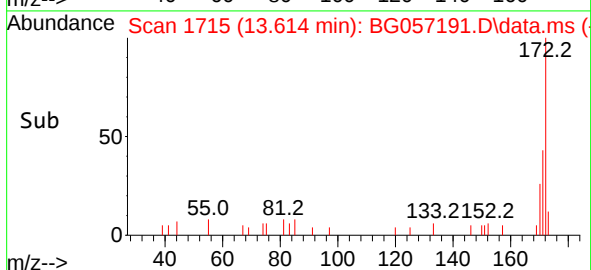
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

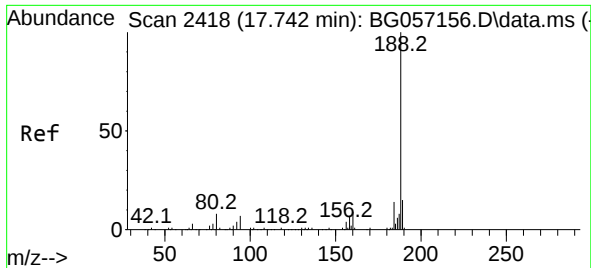


#45
2-Fluorobiphenyl
Concen: 1.659 ng
RT: 13.614 min Scan# 1715
Delta R.T. -0.003 min
Lab File: BG057191.D
Acq: 26 Apr 2023 14:02



Tgt Ion:172 Resp: 5782
Ion Ratio Lower Upper
172 100
171 43.5 29.2 43.8
170 26.3 19.4 29.2





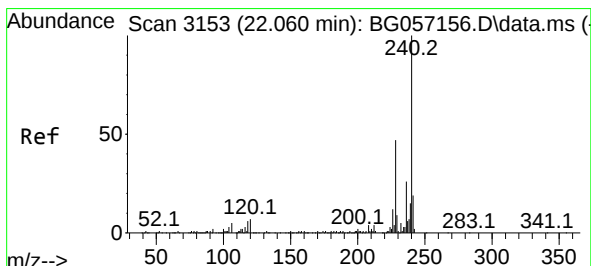
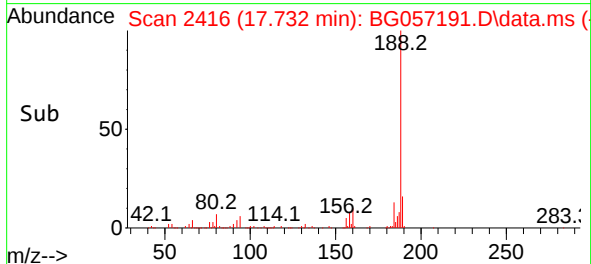
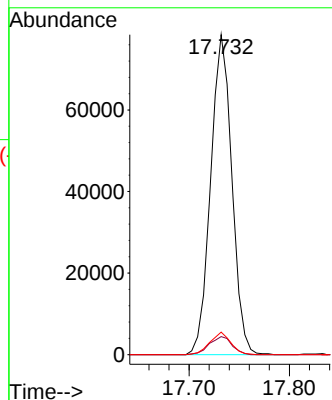
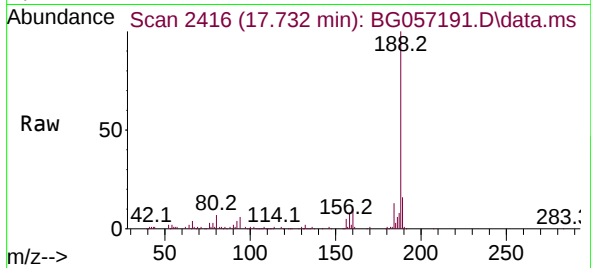
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.732 min Scan# 2418
Delta R.T. -0.003 min
Lab File: BG057191.D
Acq: 26 Apr 2023 14:02

Instrument :
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ClientSampleId :
SPA-2WC-23-04DL2

Tgt Ion:188 Resp: 115272
Ion Ratio Lower Upper
188 100
94 5.7 5.4 8.0
80 7.1 6.2 9.2

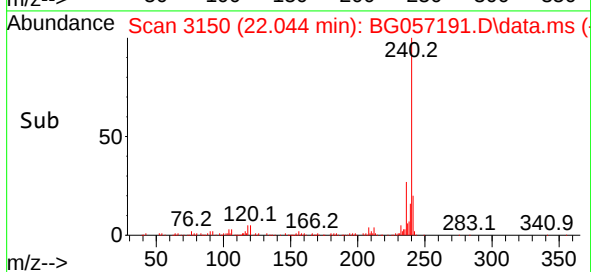
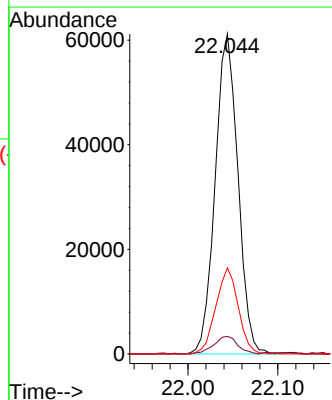
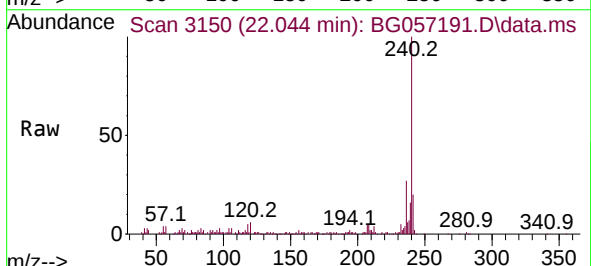
Manual Integrations
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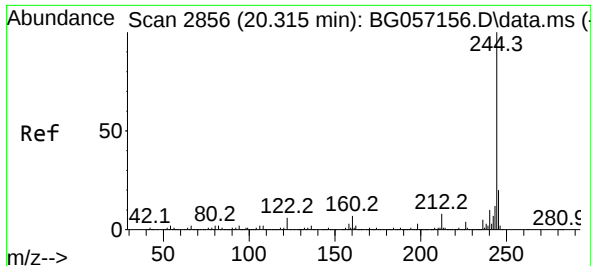
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.044 min Scan# 3150
Delta R.T. -0.003 min
Lab File: BG057191.D
Acq: 26 Apr 2023 14:02

Tgt Ion:240 Resp: 107647
Ion Ratio Lower Upper
240 100
120 5.5 5.5 8.3
236 26.9 20.8 31.2





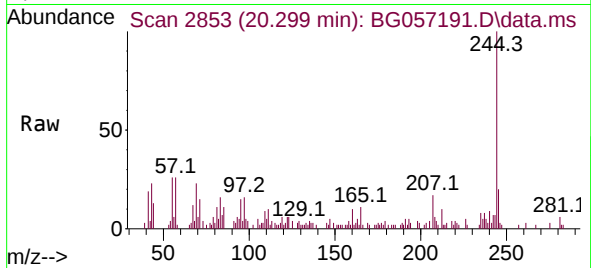
#79
 Terphenyl-d14
 Concen: 1.899 ng
 RT: 20.299 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057191.D
 Acq: 26 Apr 2023 14:02

Instrument :

BNA_G

ClientSampleId :

SPA-2WC-23-04DL2

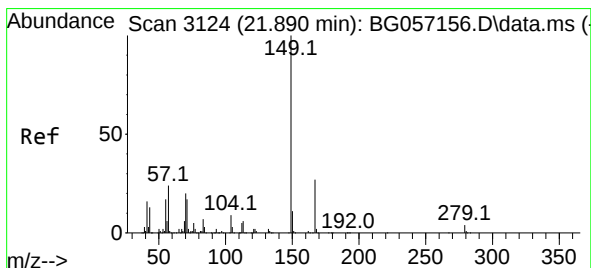
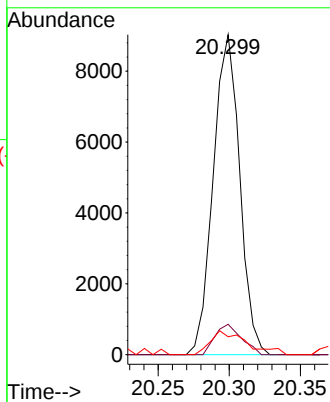
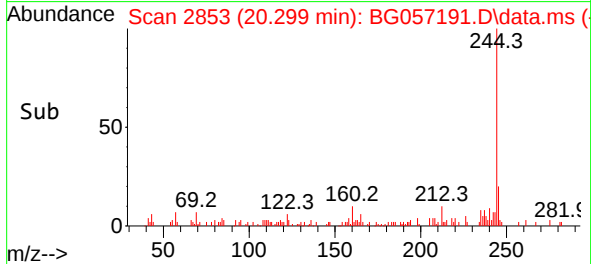


Tgt Ion:244 Resp: 11689
 Ion Ratio Lower Upper
 244 100
 212 9.5 6.0 9.0
 122 5.6 5.0 7.4

Manual Integrations

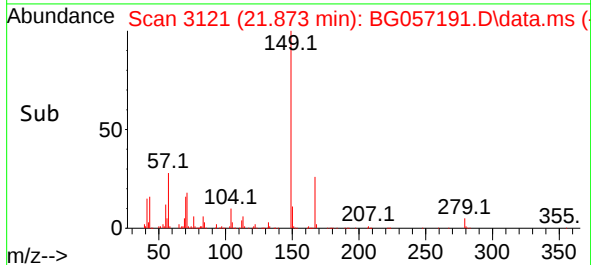
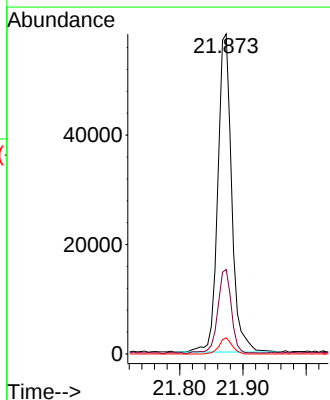
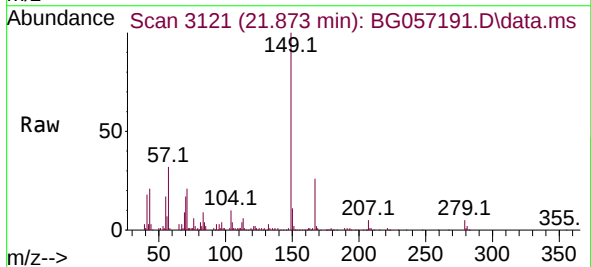
APPROVED

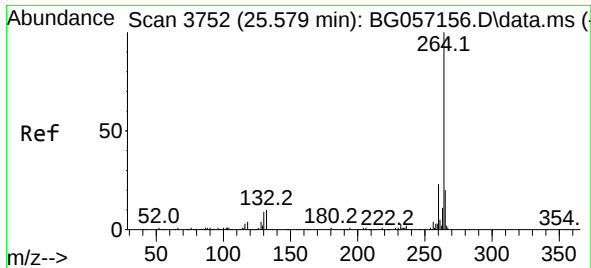
Reviewed By :Christian Giraldo 04/27/2023
 Supervised By :Jagrut Upadhyay 04/27/2023



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 30.872 ng
 RT: 21.873 min Scan# 3121
 Delta R.T. 0.003 min
 Lab File: BG057191.D
 Acq: 26 Apr 2023 14:02

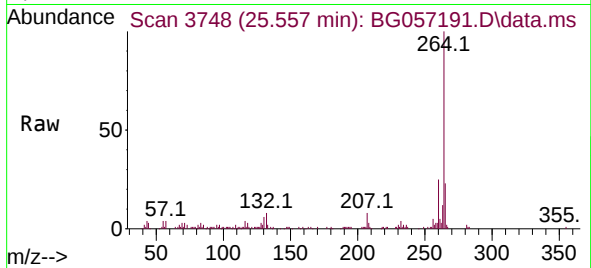
Tgt Ion:149 Resp: 89002
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.9 32.9
 279 5.0 3.3 4.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.557 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BG057191.D
 Acq: 26 Apr 2023 14:02

Instrument :
 BNA_G
 ClientSampleId :
 SPA-2WC-23-04DL2



Tgt Ion:264 Resp: 115915
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.8 28.2
 265 23.4 16.4 24.6

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/27/2023
 Supervised By :Jagrut Upadhyay 04/27/2023

