

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
 Data File : BG053199.D
 Acq On : 19 Apr 2022 17:19
 Operator : CG/JU
 Sample : N2462-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-05

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/20/2022
 Supervised By : Jagrut Upadhyay 04/20/2022

Quant Time: Apr 19 17:54:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	31621	20.000	ng	0.00
21) Naphthalene-d8	10.925	136	134229	20.000	ng	-0.01
39) Acenaphthene-d10	14.738	164	97932	20.000	ng	-0.01
64) Phenanthrene-d10	17.487	188	195964	20.000	ng	0.00
76) Chrysene-d12	21.769	240	185956	20.000	ng	# 0.00
86) Perylene-d12	25.082	264	193102	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	205960	111.651	ng	0.00
7) Phenol-d6	7.277	99	320059	112.512	ng	0.00
23) Nitrobenzene-d5	9.280	82	229844	69.526	ng	0.00
42) 2,4,6-Tribromophenol	16.230	330	157831	101.300	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	545353	76.787	ng	0.00
79) Terphenyl-d14	20.089	244	763631	69.355	ng	0.00
Target Compounds						Qvalue
74) Di-n-butylphthalate	18.433	149	79529	6.803	ng	99
75) Fluoranthene	19.531	202	28233	2.058	ng	95
78) Pyrene	19.895	202	26726m	2.018	ng	
80) Butylbenzylphthalate	20.771	149	11750	2.380	ng	# 78
84) Bis(2-ethylhexyl)phtha...	21.640	149	51583	7.729	ng	98
88) Benzo(b)fluoranthene	24.025	252	27996	2.298	ng	# 68

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

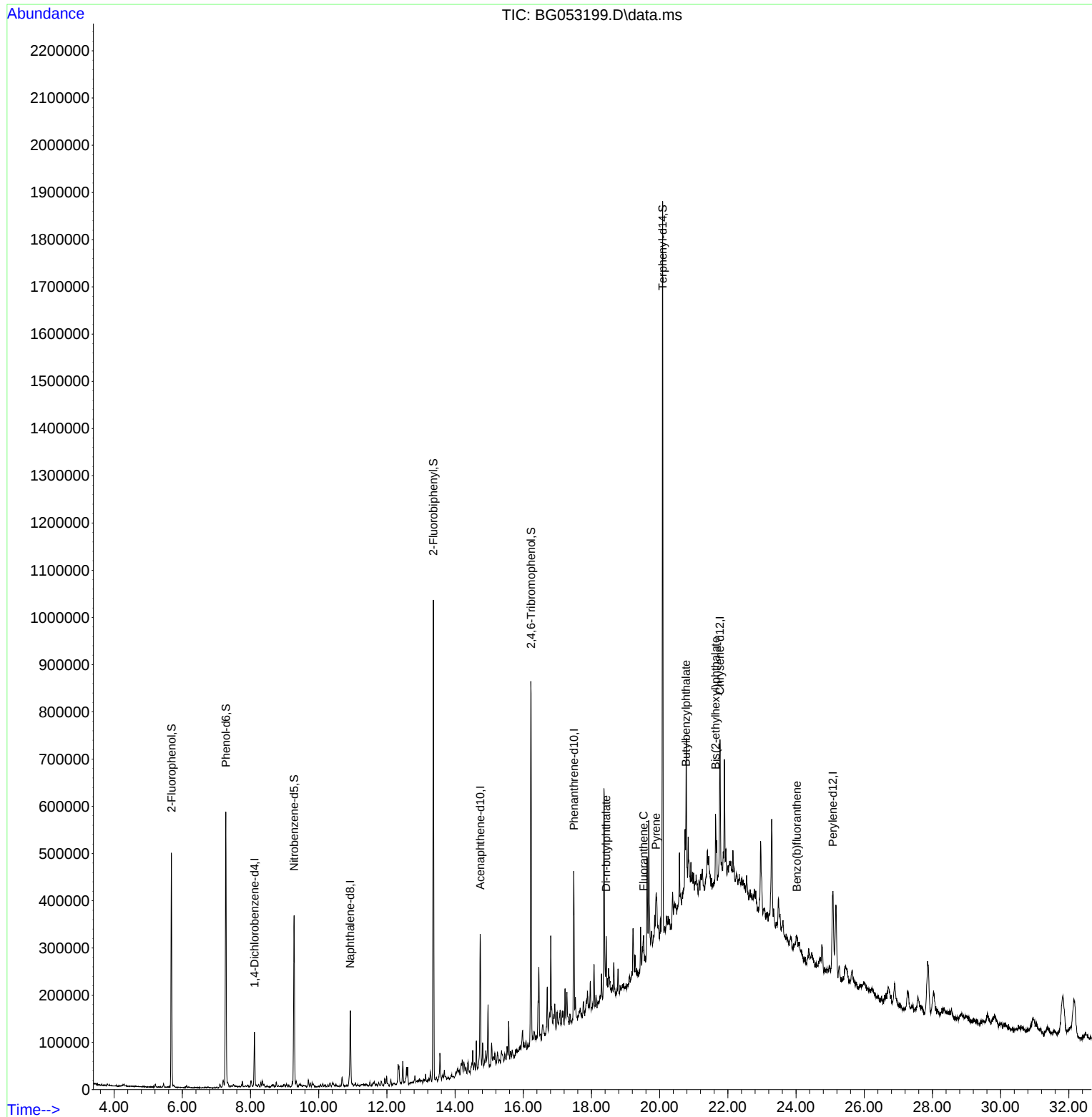
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053199.D
Acq On : 19 Apr 2022 17:19
Operator : CG/JU
Sample : N2462-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

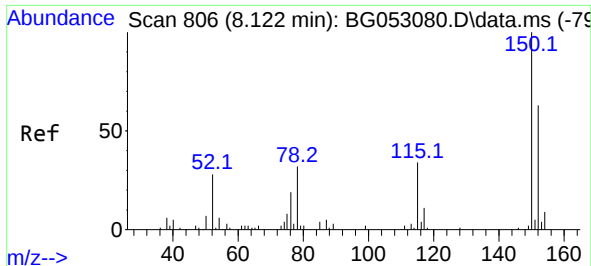
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Quant Time: Apr 19 17:54:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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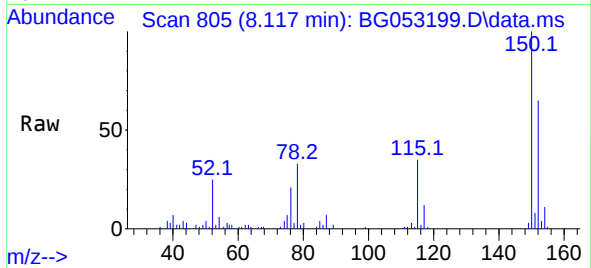
Reviewed By : Christian Giraldo 04/20/2022
Supervised By : Jagrut Upadhyay 04/20/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.117 min Scan# 806
Delta R.T. -0.005 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19

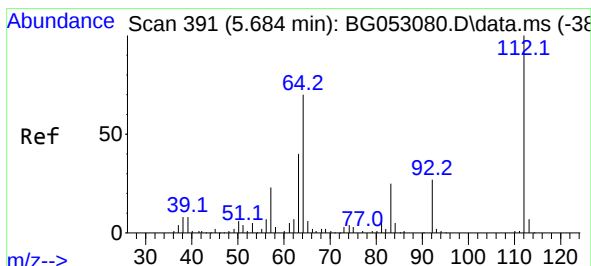
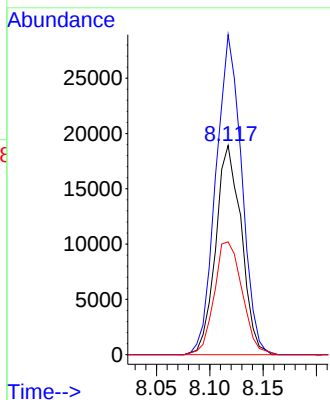
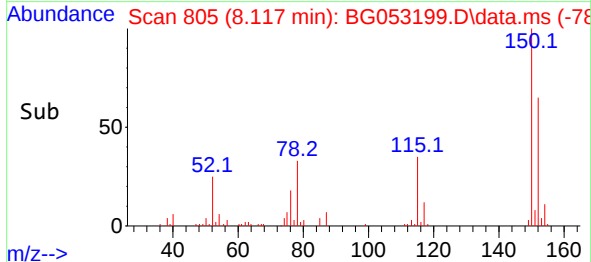
Instrument :
BNA_G
ClientSampleId :
COMP-05



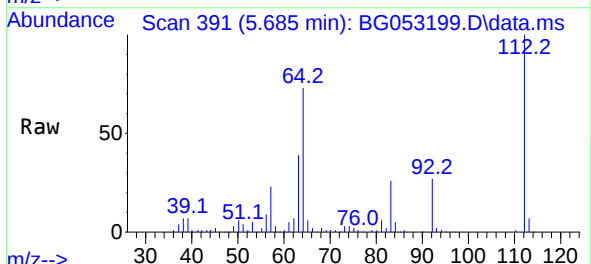
Tgt Ion:152 Resp: 3162
Ion Ratio Lower Upper
152 100
150 152.9 114.6 172.0
115 53.9 45.9 68.9

Manual Integrations
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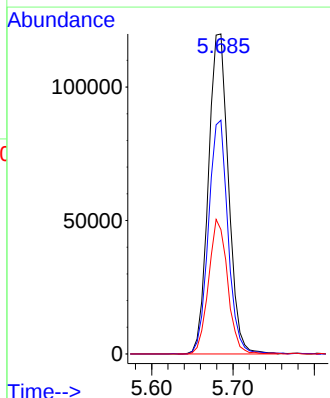
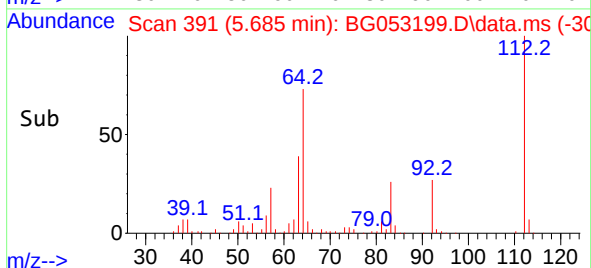
Reviewed By :Christian Giraldo 04/20/2022
Supervised By :Jagrut Upadhyay 04/20/2022

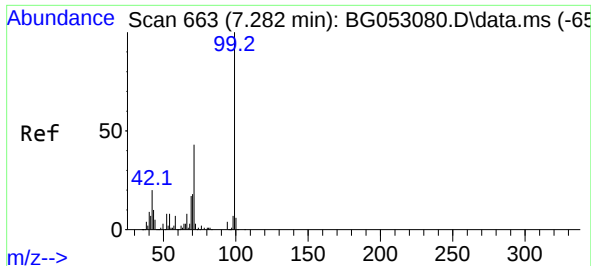


#5
2-Fluorophenol
Concen: 111.651 ng
RT: 5.685 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19



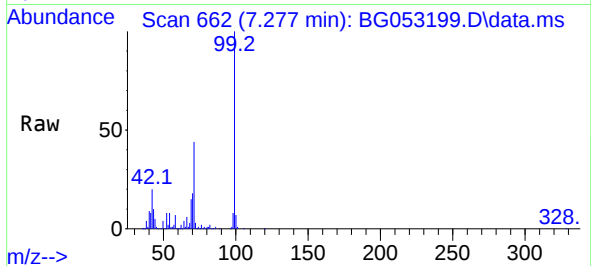
Tgt Ion:112 Resp: 205960
Ion Ratio Lower Upper
112 100
64 73.0 48.0 72.0#
63 38.8 26.5 39.7





#7
Phenol-d6
Concen: 112.512 ng
RT: 7.277 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19

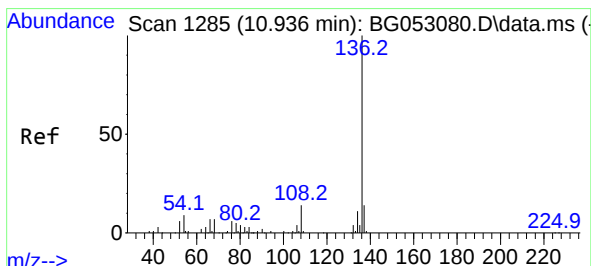
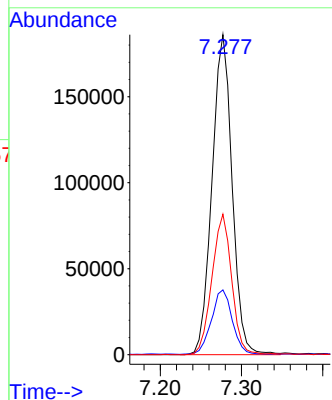
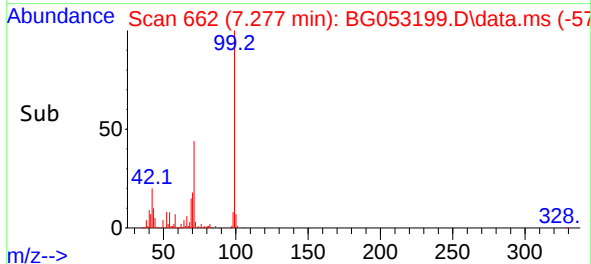
Instrument :
BNA_G
ClientSampleId :
COMP-05



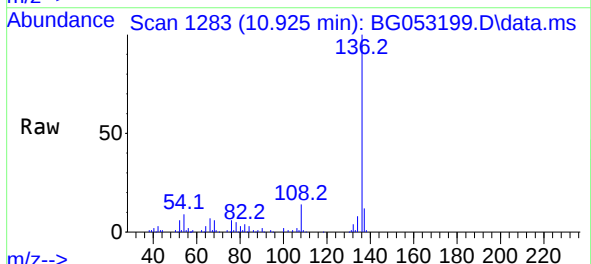
Tgt Ion: 99 Resp: 32059
Ion Ratio Lower Upper
99 100
42 20.3 14.7 22.1
71 43.9 29.2 43.8

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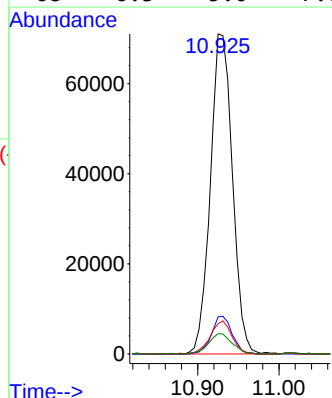
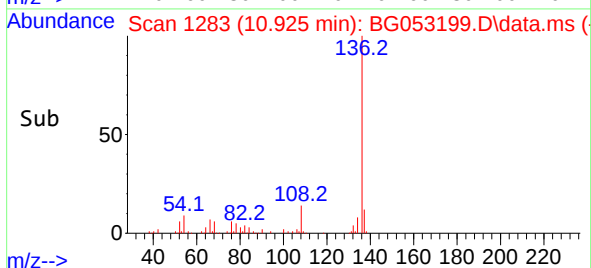
Reviewed By :Christian Giraldo 04/20/2022
Supervised By :Jagrut Upadhyay 04/20/2022

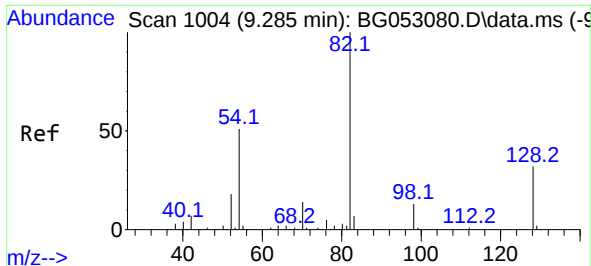


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.925 min Scan# 1283
Delta R.T. -0.011 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19



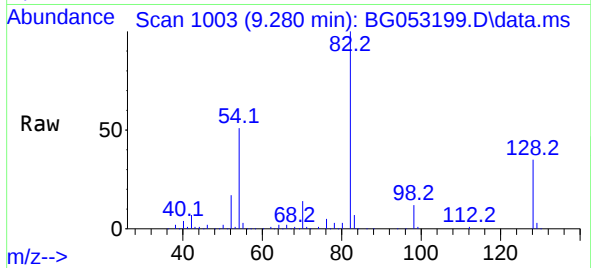
Tgt Ion:136 Resp: 134229
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.2
54 9.5 6.4 9.6
68 6.3 5.0 7.6





#23
Nitrobenzene-d5
Concen: 69.526 ng
RT: 9.280 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19

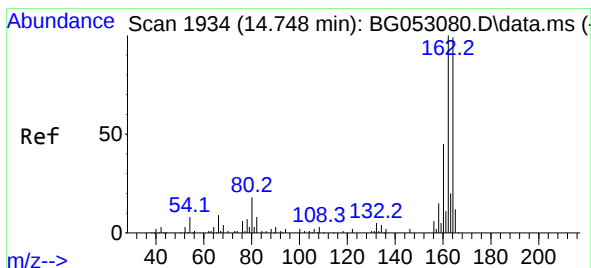
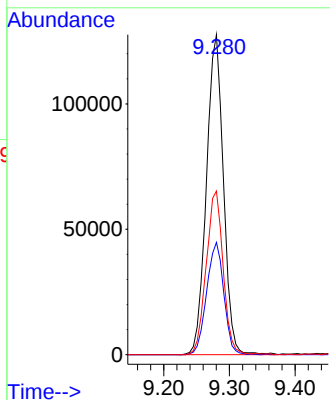
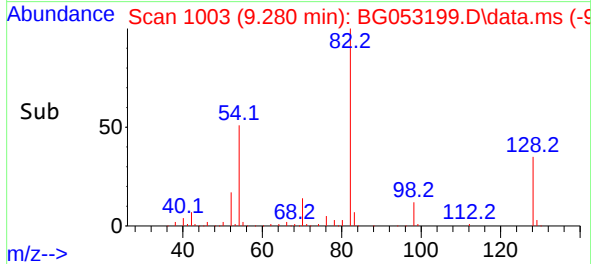
Instrument :
BNA_G
ClientSampleId :
COMP-05



Tgt Ion: 82 Resp: 229844
Ion Ratio Lower Upper
82 100
128 35.1 31.3 46.9
54 51.2 37.8 56.8

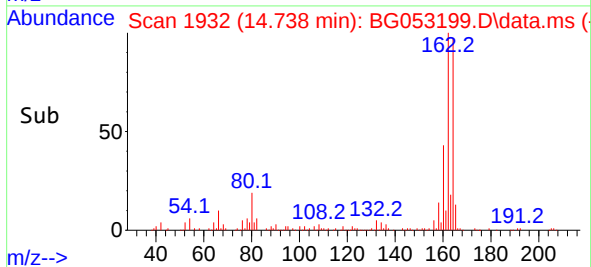
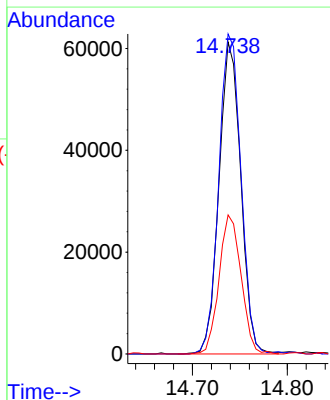
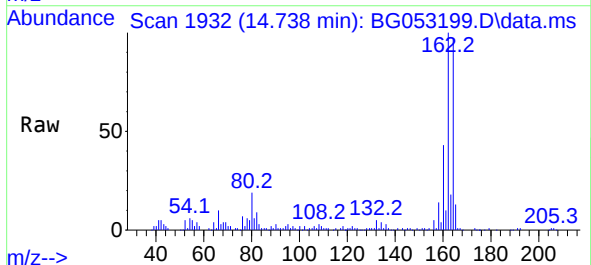
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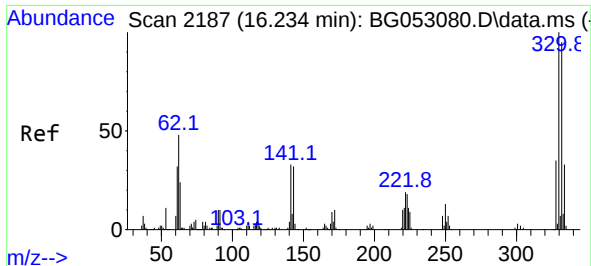
Reviewed By :Christian Giraldo 04/20/2022
Supervised By :Jagrut Upadhyay 04/20/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.738 min Scan# 1932
Delta R.T. -0.011 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19

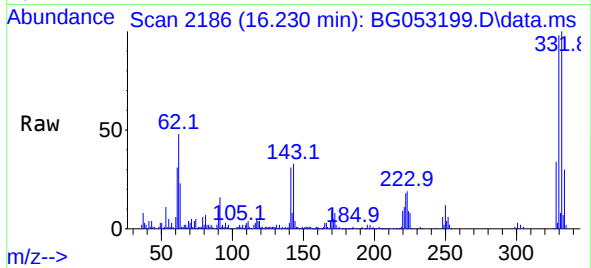
Tgt Ion:164 Resp: 97932
Ion Ratio Lower Upper
164 100
162 102.6 80.0 120.0
160 44.6 38.8 58.2





#42
2,4,6-Tribromophenol
Concen: 101.300 ng
RT: 16.230 min Scan# 2187
Delta R.T. -0.005 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19

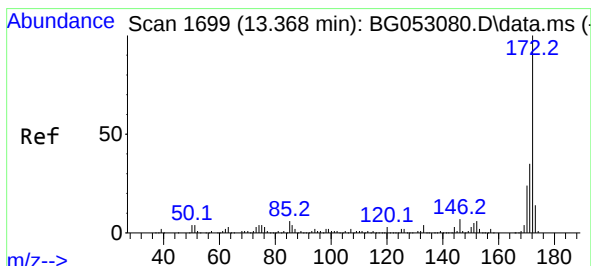
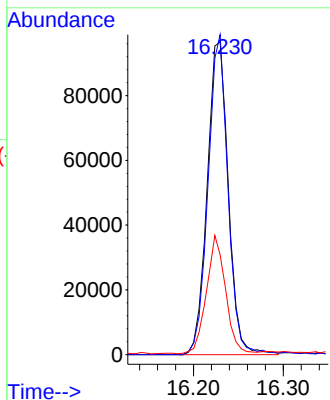
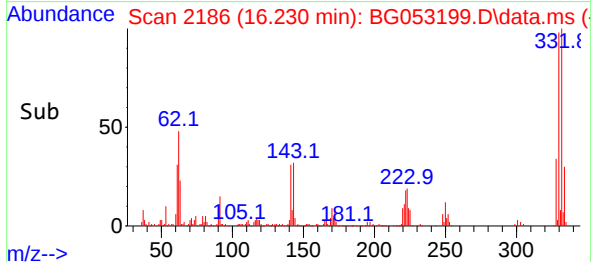
Instrument :
BNA_G
ClientSampleId :
COMP-05



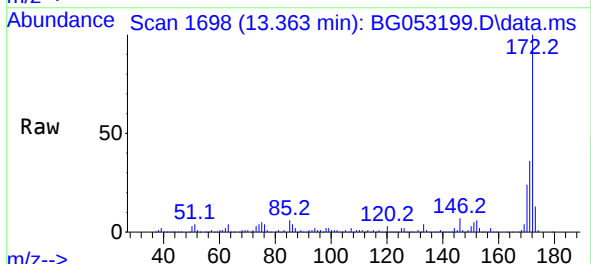
Tgt Ion:330 Resp: 15783
Ion Ratio Lower Upper
330 100
332 95.9 75.8 113.6
141 34.1 24.6 36.8

Manual Integrations
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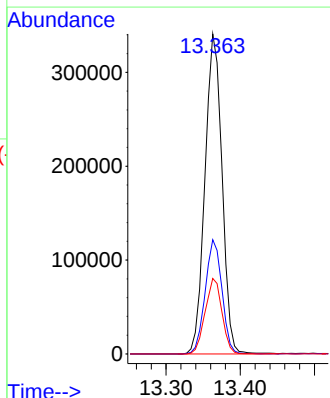
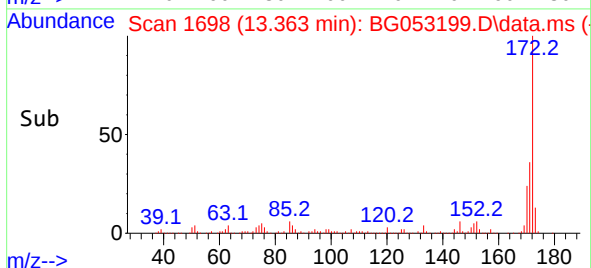
Reviewed By :Christian Giraldo 04/20/2022
Supervised By :Jagrut Upadhyay 04/20/2022

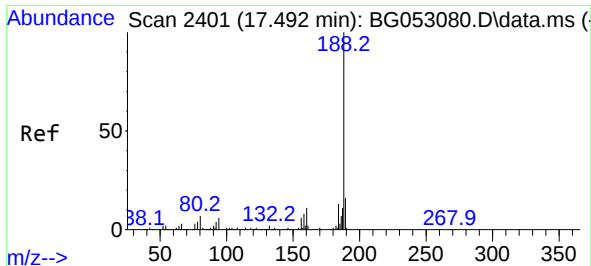


#45
2-Fluorobiphenyl
Concen: 76.787 ng
RT: 13.363 min Scan# 1698
Delta R.T. -0.005 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19



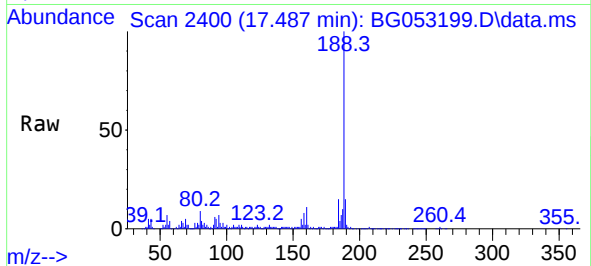
Tgt Ion:172 Resp: 545353
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.6 18.0 27.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.487 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19

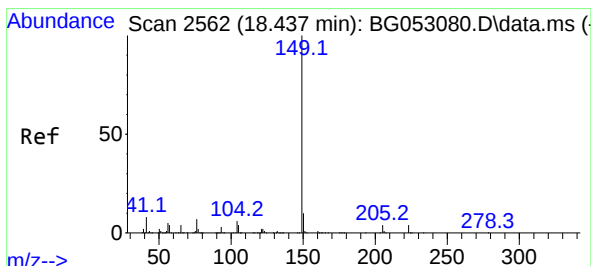
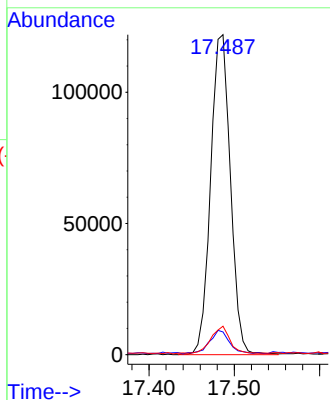
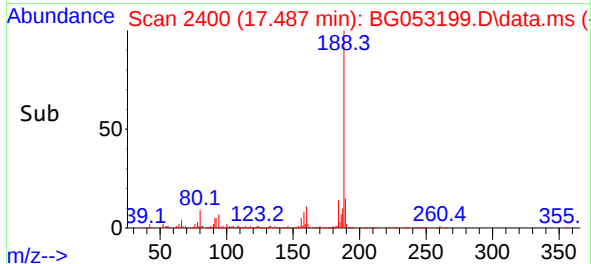
Instrument :
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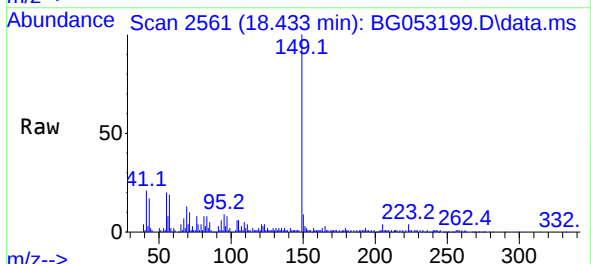
Tgt Ion:188 Resp: 195964
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 8.9 7.2 10.8

Manual Integrations
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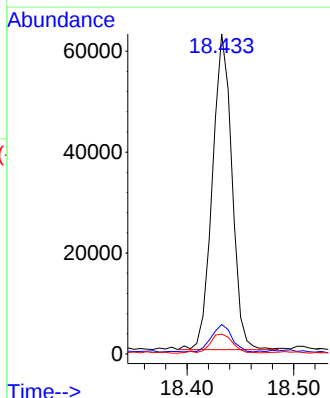
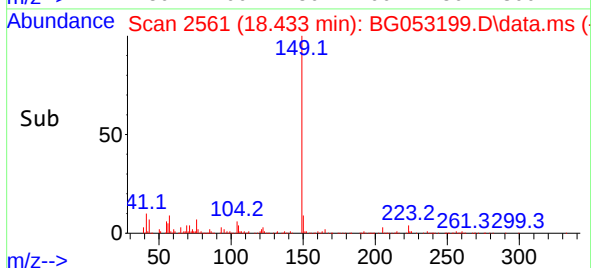
Reviewed By :Christian Giraldo 04/20/2022
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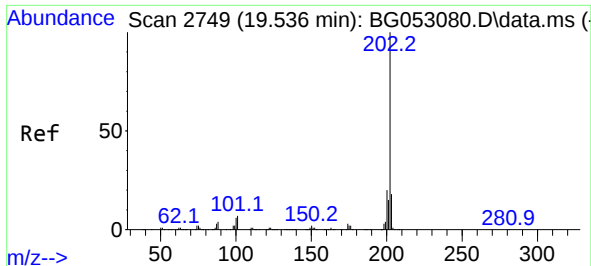


#74
Di-n-butylphthalate
Concen: 6.803 ng
RT: 18.433 min Scan# 2561
Delta R.T. -0.005 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19



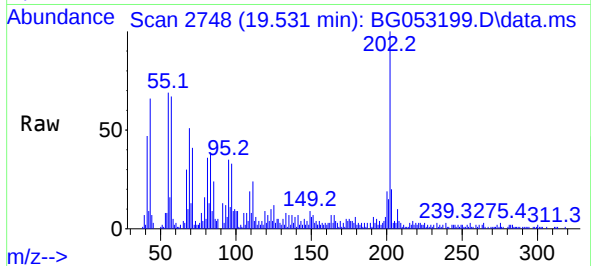
Tgt Ion:149 Resp: 79529
Ion Ratio Lower Upper
149 100
150 9.2 7.0 10.6
104 6.2 4.6 7.0





#75
Fluoranthene
Concen: 2.058 ng
RT: 19.531 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19

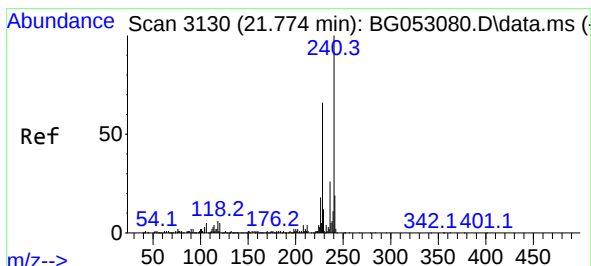
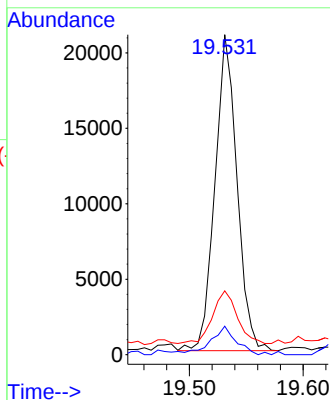
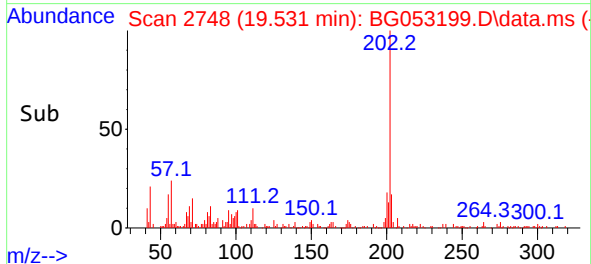
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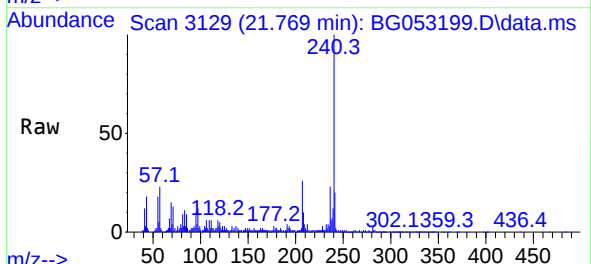
Tgt Ion:202 Resp: 2823
Ion Ratio Lower Upper
202 100
101 8.9 0.0 27.3
203 20.0 0.0 37.7

Manual Integrations
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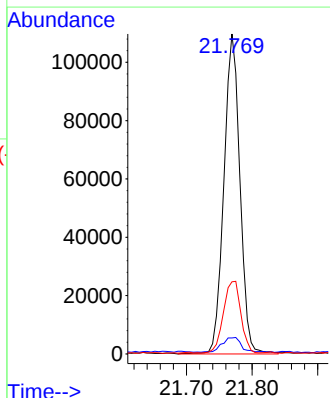
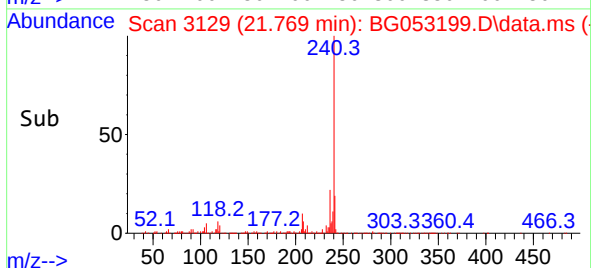
Reviewed By :Christian Giraldo 04/20/2022
Supervised By :Jagrut Upadhyay 04/20/2022

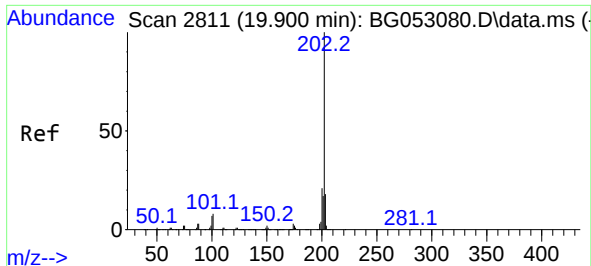


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.769 min Scan# 3129
Delta R.T. -0.005 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19



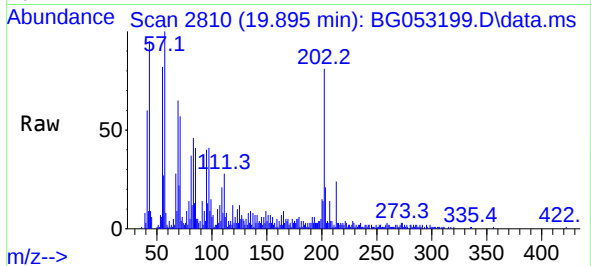
Tgt Ion:240 Resp: 185956
Ion Ratio Lower Upper
240 100
120 5.0 5.4 8.0#
236 22.6 19.8 29.6





#78
Pyrene
Concen: 2.018 ng m
RT: 19.895 min Scan# 2810
Delta R.T. -0.005 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19

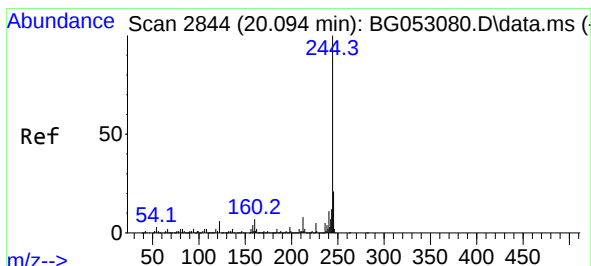
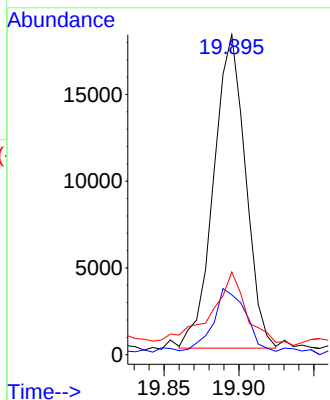
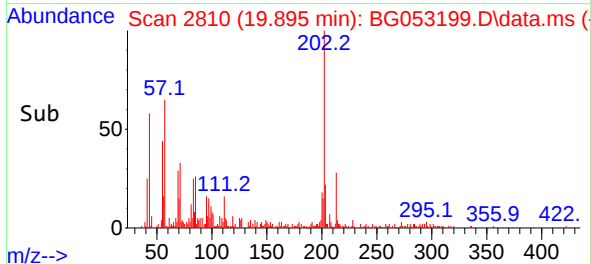
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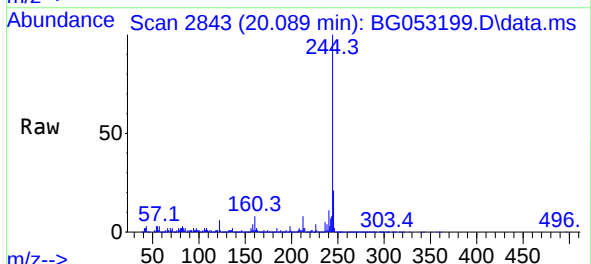
Tgt Ion:202 Resp: 26720
Ion Ratio Lower Upper
202 100
200 18.7 17.0 25.6
203 25.9 15.0 22.6

Manual Integrations
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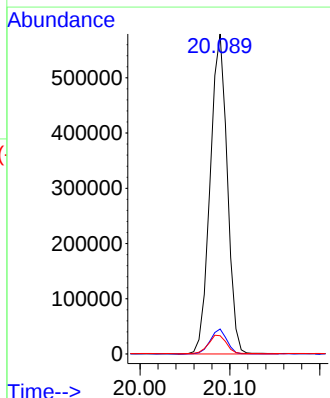
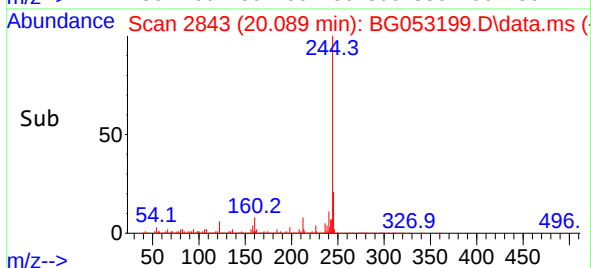
Reviewed By :Christian Giraldo 04/20/2022
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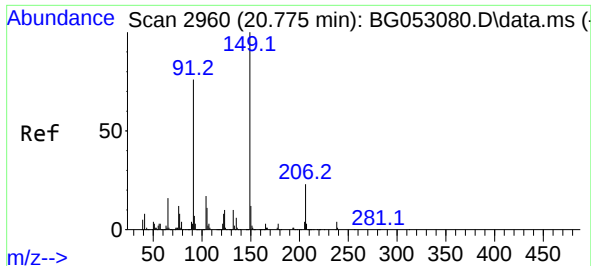


#79
Terphenyl-d14
Concen: 69.355 ng
RT: 20.089 min Scan# 2843
Delta R.T. -0.005 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19



Tgt Ion:244 Resp: 763631
Ion Ratio Lower Upper
244 100
212 7.8 5.4 8.2
122 5.7 5.8 8.6





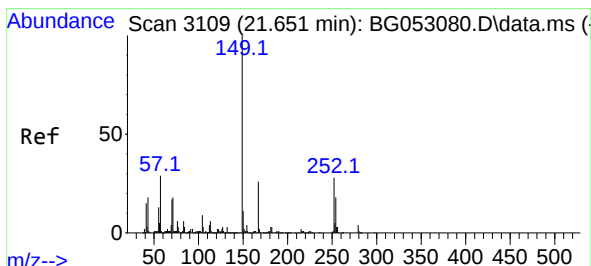
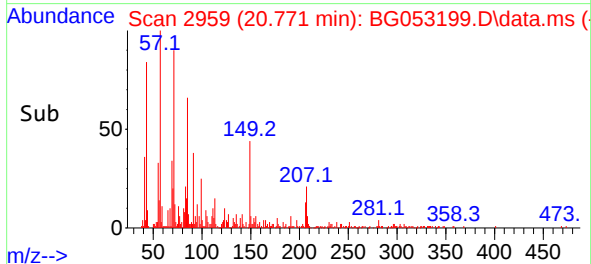
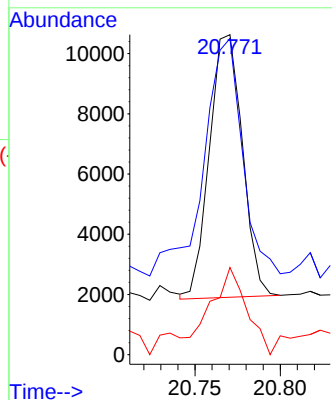
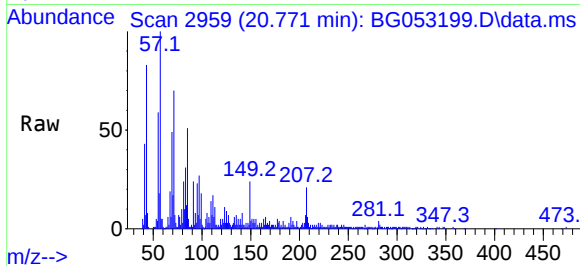
#80
Butylbenzylphthalate
Concen: 2.380 ng
RT: 20.771 min Scan# 2959
Delta R.T. -0.005 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19

Instrument :
BNA_G
ClientSampleId :
COMP-05

Tgt Ion:149 Resp: 11750
Ion Ratio Lower Upper
149 100
91 98.8 60.2 90.4
206 27.3 19.4 29.2

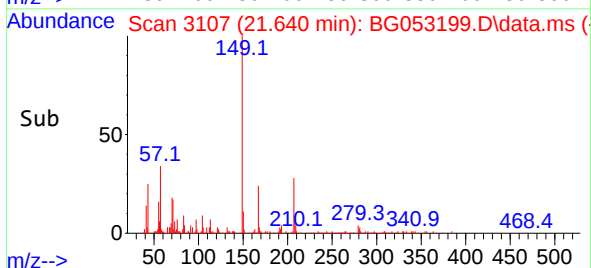
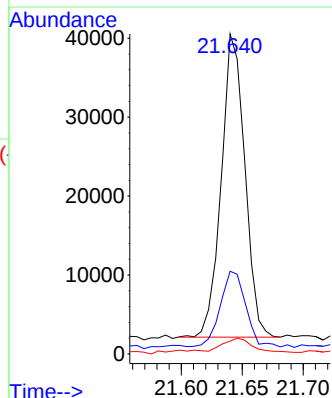
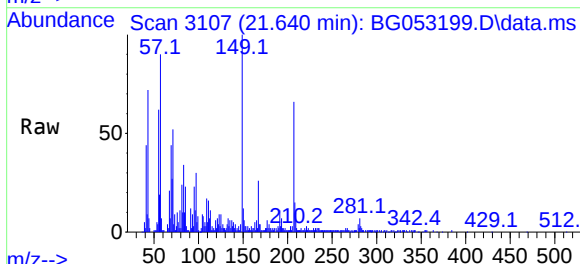
Manual Integrations
APPROVED

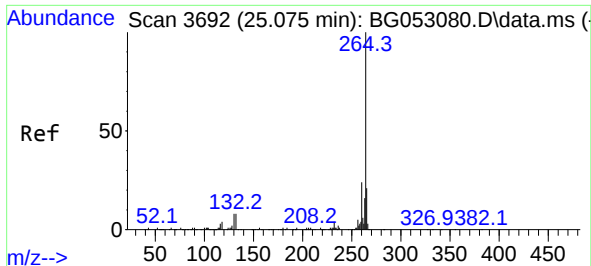
Reviewed By :Christian Giraldo 04/20/2022
Supervised By :Jagrut Upadhyay 04/20/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 7.729 ng
RT: 21.640 min Scan# 3107
Delta R.T. -0.011 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19

Tgt Ion:149 Resp: 51583
Ion Ratio Lower Upper
149 100
167 25.9 21.4 32.2
279 4.0 3.8 5.8





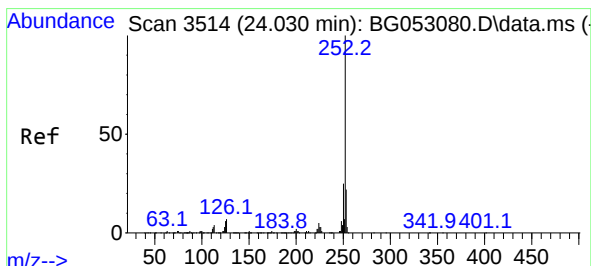
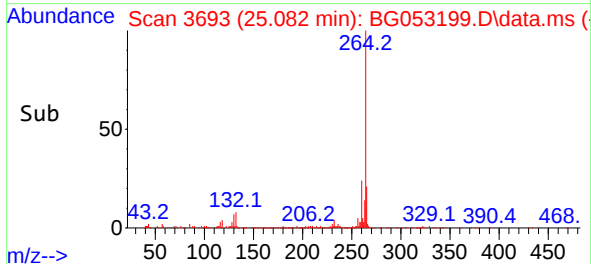
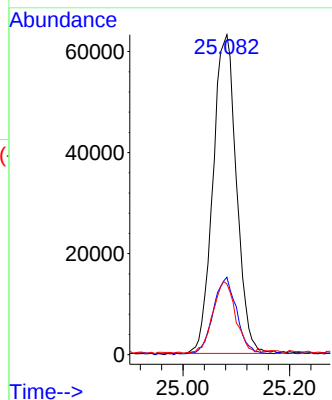
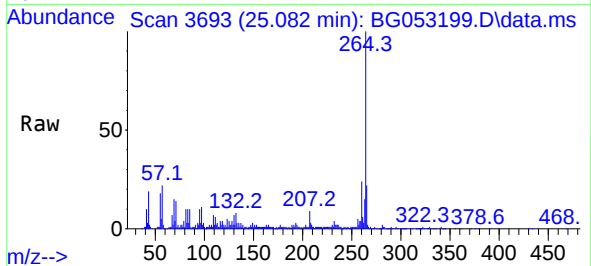
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.082 min Scan# 30
Delta R.T. 0.007 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19

Instrument :
BNA_G
ClientSampleId :
COMP-05

Tgt Ion:	264	Resp:	19310
Ion Ratio	Lower	Upper	
264	100		
260	24.2	18.2	27.2
265	22.1	15.1	22.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/20/2022
Supervised By :Jagrut Upadhyay 04/20/2022



#88
Benzo(b)fluoranthene
Concen: 2.298 ng
RT: 24.025 min Scan# 3513
Delta R.T. -0.005 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19

Tgt Ion:	252	Resp:	27996
Ion Ratio	Lower	Upper	
252	100		
253	28.3	17.2	25.8#
125	37.6	5.2	7.8#

