

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080222\
 Data File : BG054490.D
 Acq On : 2 Aug 2022 19:38
 Operator : CG/JU
 Sample : N3895-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-45

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/03/2022
 Supervised By : Jagrut Upadhyay 08/04/2022

Quant Time: Aug 03 04:14:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.983	152	18163	20.000	ng	0.00
21) Naphthalene-d8	10.797	136	69716	20.000	ng	# 0.00
39) Acenaphthene-d10	14.628	164	50873	20.000	ng	0.00
64) Phenanthrene-d10	17.372	188	124059	20.000	ng	# 0.00
76) Chrysene-d12	21.637	240	142248	20.000	ng	# 0.00
86) Perylene-d12	24.857	264	145149	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.574	112	100751	115.816	ng	0.01
7) Phenol-d6	7.189	99	131791	110.562	ng	0.02
23) Nitrobenzene-d5	9.152	82	91107	71.166	ng	0.00
42) 2,4,6-Tribromophenol	16.120	330	115529	108.159	ng	0.00
45) 2-Fluorobiphenyl	13.247	172	269912	74.846	ng	0.00
79) Terphenyl-d14	19.980	244	536926	74.880	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.428	202	33846	4.019	ng	97
78) Pyrene	19.786	202	31639	3.876	ng	98
83) Chrysene	21.684	228	23616m	2.768	ng	
84) Bis(2-ethylhexyl)phtha...	21.514	149	7497	2.083	ng	# 79
88) Benzo(b)fluoranthene	23.835	252	36059m	4.201	ng	
90) Benzo(a)pyrene	24.704	252	19002	2.592	ng	# 93

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

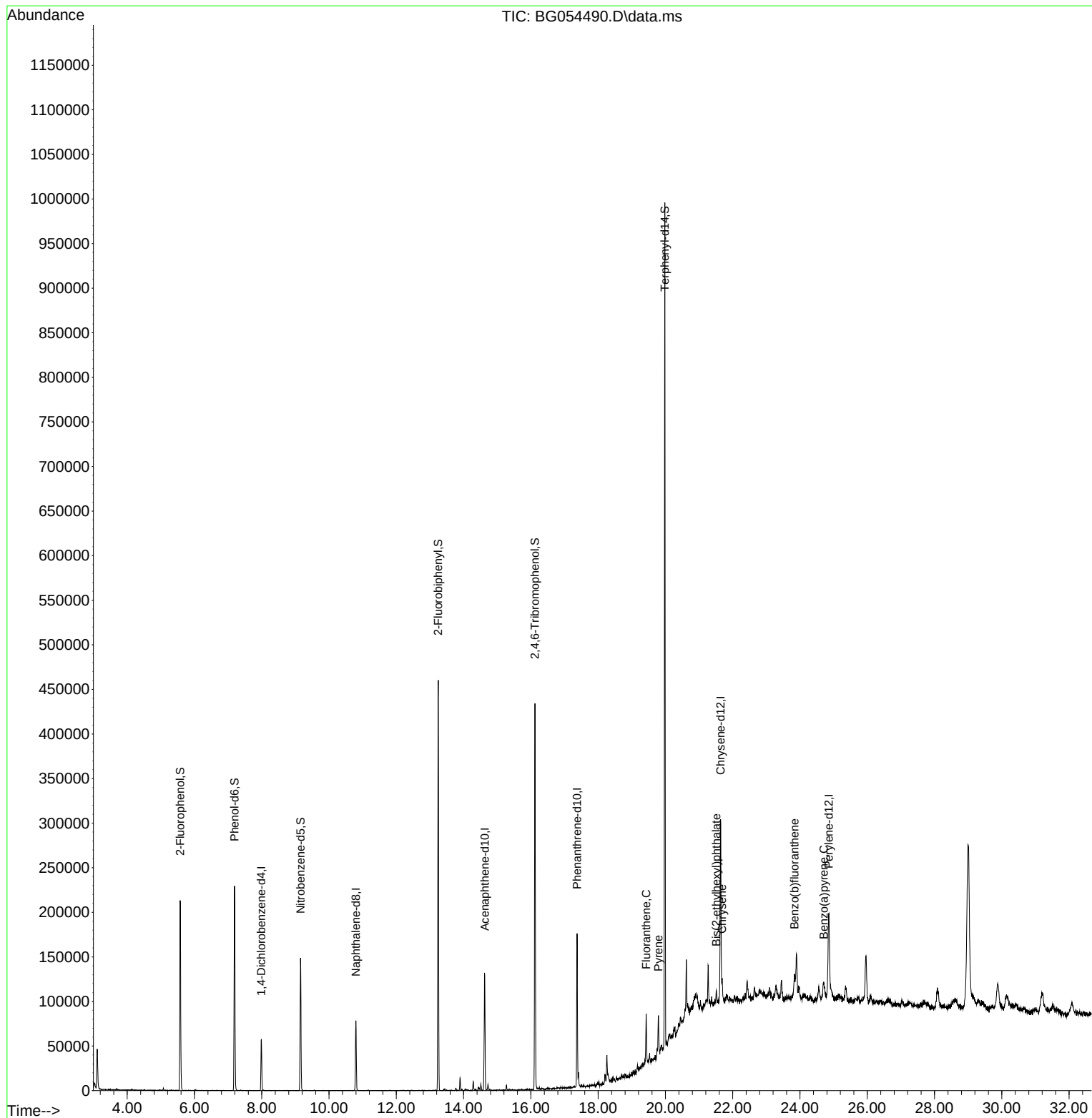
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080222\
Data File : BG054490.D
Acq On : 2 Aug 2022 19:38
Operator : CG/JU
Sample : N3895-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

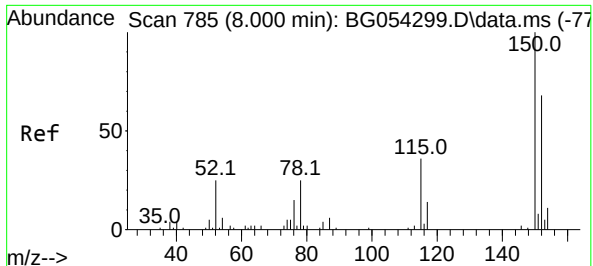
Instrument :
BNA_G
ClientSampleId :
RVE-45

Quant Time: Aug 03 04:14:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
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Manual Integrations
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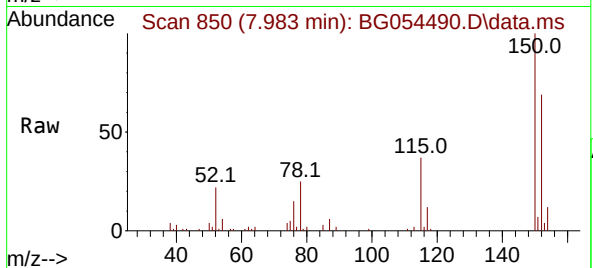
Reviewed By : Christian Giraldo 08/03/2022
Supervised By : Jagrut Upadhyay 08/04/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.983 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38

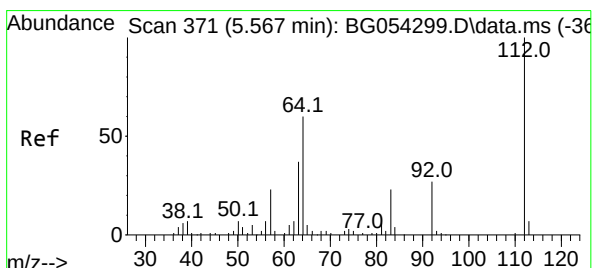
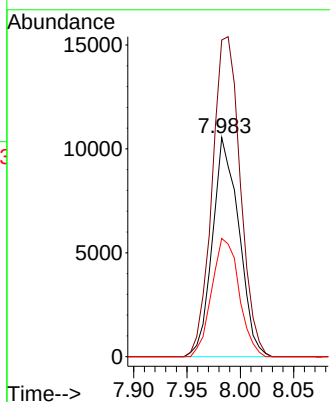
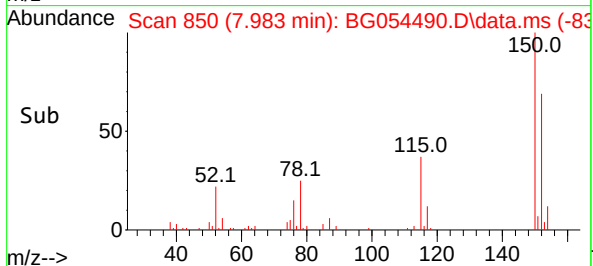
Instrument :
BNA_G
ClientSampleId :
RVE-45



Tgt Ion:152 Resp: 1816
Ion Ratio Lower Upper
152 100
150 144.5 131.6 197.4
115 53.9 50.9 76.3

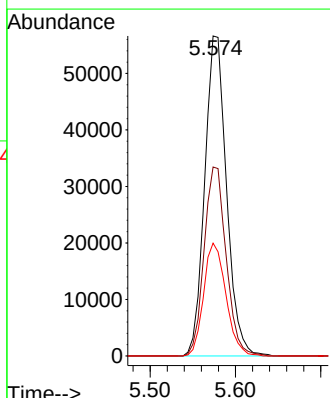
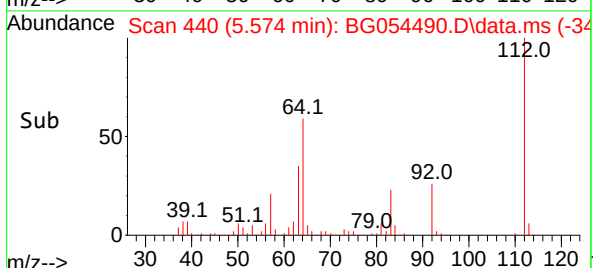
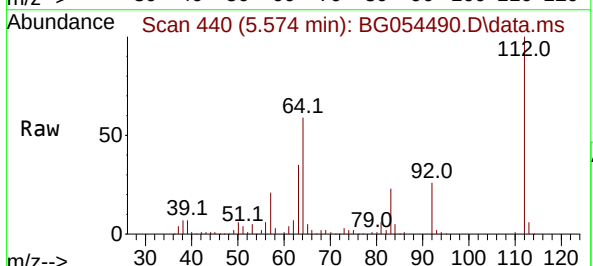
Manual Integrations
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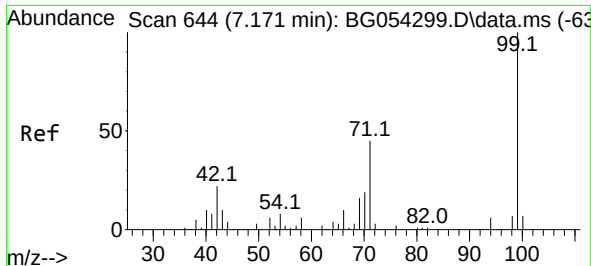
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/04/2022



#5
2-Fluorophenol
Concen: 115.816 ng
RT: 5.574 min Scan# 440
Delta R.T. 0.012 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38

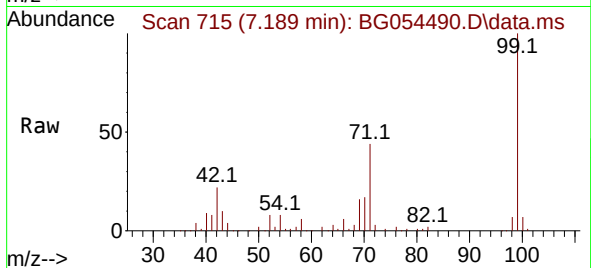
Tgt Ion:112 Resp: 100751
Ion Ratio Lower Upper
112 100
64 59.1 55.1 82.7
63 35.3 30.4 45.6





#7
Phenol-d6
Concen: 110.562 ng
RT: 7.189 min Scan# 71
Delta R.T. 0.018 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38

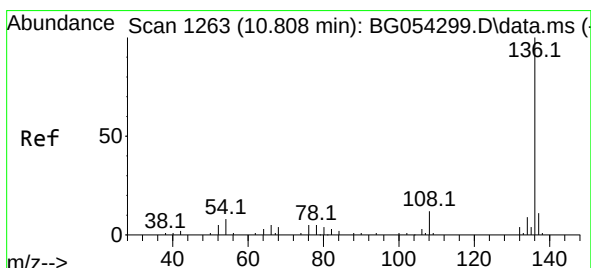
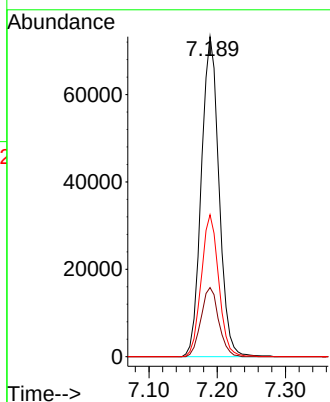
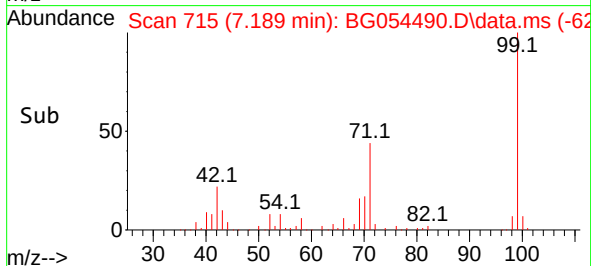
Instrument :
BNA_G
ClientSampleId :
RVE-45



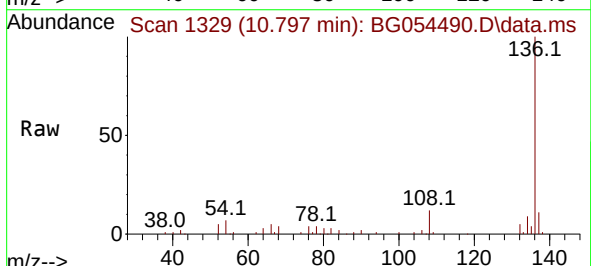
Tgt Ion: 99 Resp: 13179
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 44.4 33.8 50.8

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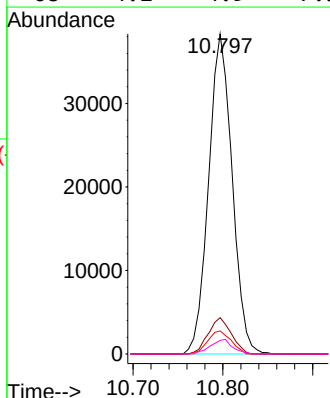
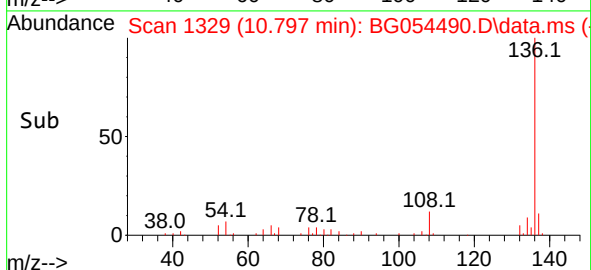
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/04/2022

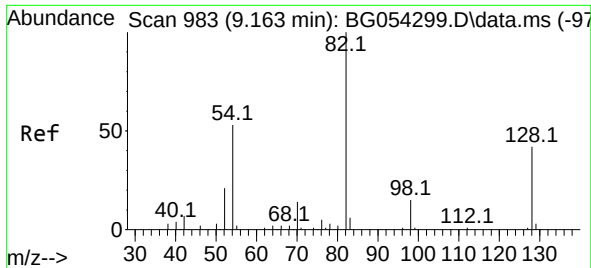


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.797 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38



Tgt Ion:136 Resp: 69716
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 7.2 7.4 11.2#
68 4.2 4.9 7.3#





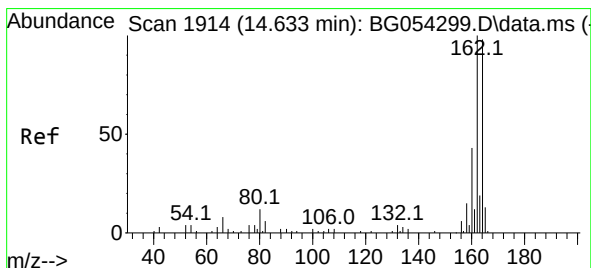
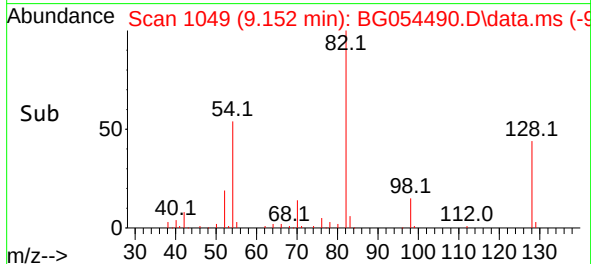
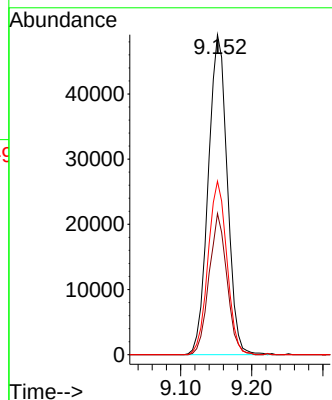
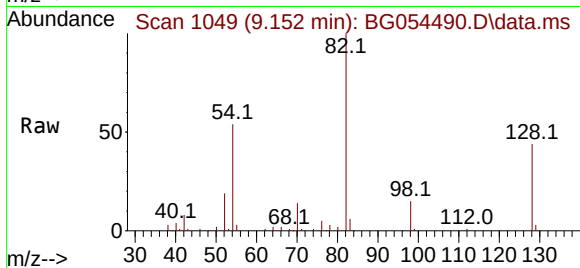
#23
Nitrobenzene-d5
Concen: 71.166 ng
RT: 9.152 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38

Instrument :
BNA_G
ClientSampleId :
RVE-45

Tgt Ion: 82 Resp: 91107
Ion Ratio Lower Upper
82 100
128 44.1 27.9 41.9
54 54.2 41.2 61.8

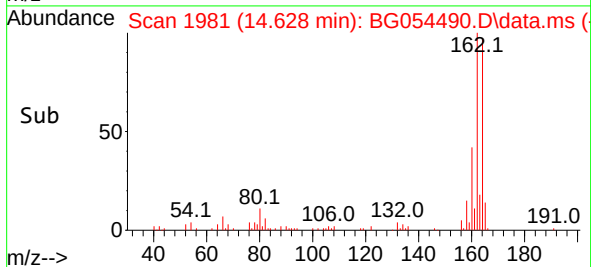
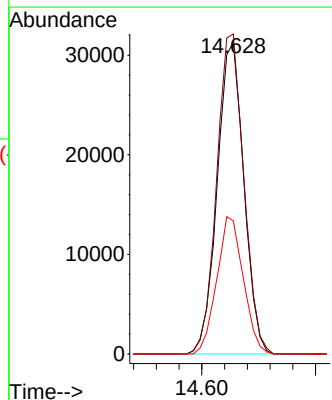
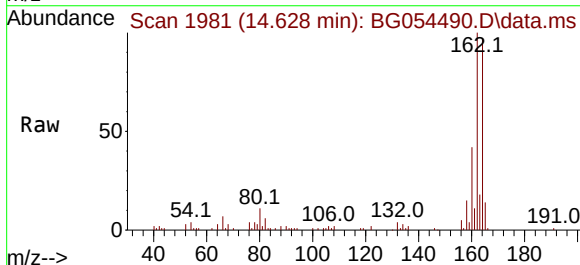
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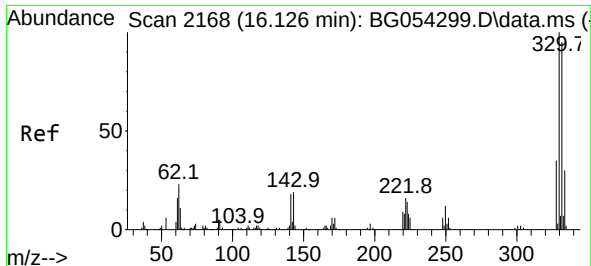
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/04/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.628 min Scan# 1981
Delta R.T. 0.006 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38

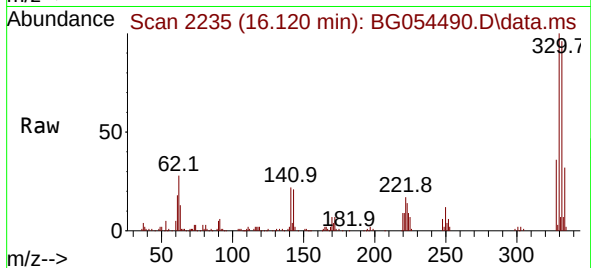
Tgt Ion:164 Resp: 50873
Ion Ratio Lower Upper
164 100
162 102.7 82.3 123.5
160 42.8 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 108.159 ng
RT: 16.120 min Scan# 2168
Delta R.T. 0.006 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38

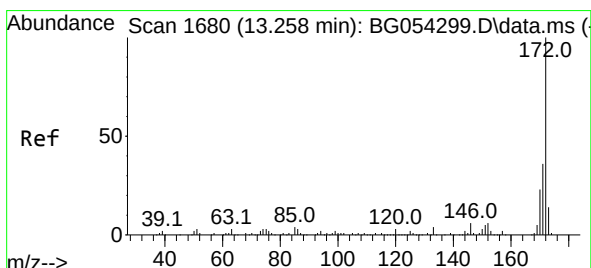
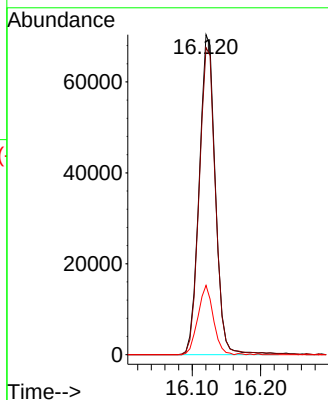
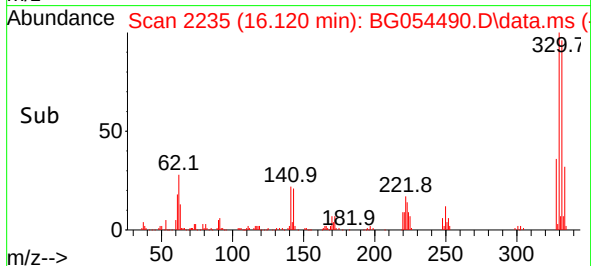
Instrument :
BNA_G
ClientSampleId :
RVE-45



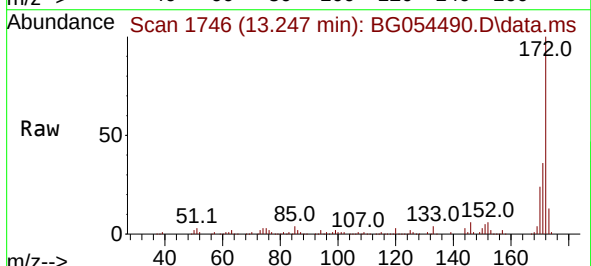
Tgt Ion:330 Resp: 115529
Ion Ratio Lower Upper
330 100
332 97.1 76.0 114.0
141 20.8 27.1 40.7

Manual Integrations
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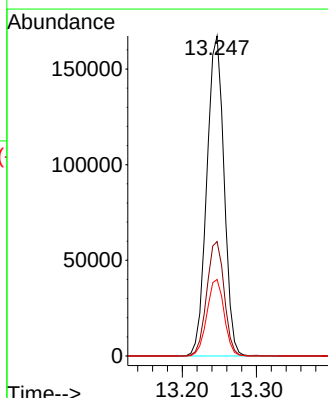
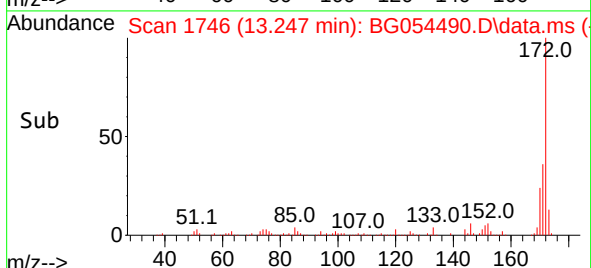
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/04/2022

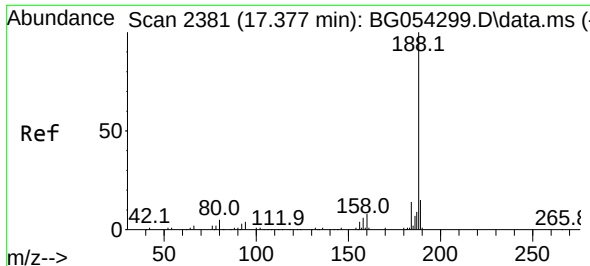


#45
2-Fluorobiphenyl
Concen: 74.846 ng
RT: 13.247 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38



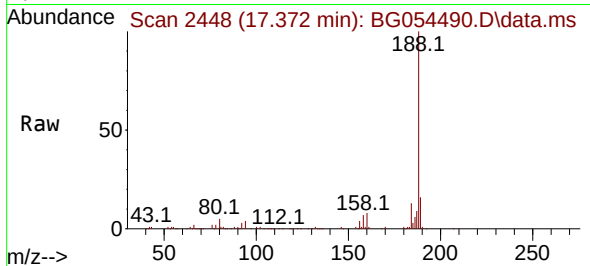
Tgt Ion:172 Resp: 269912
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.9 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.372 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38

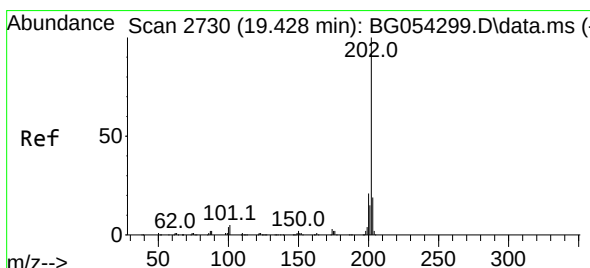
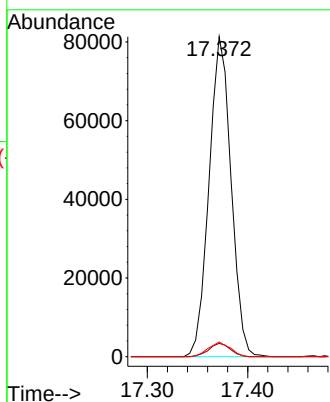
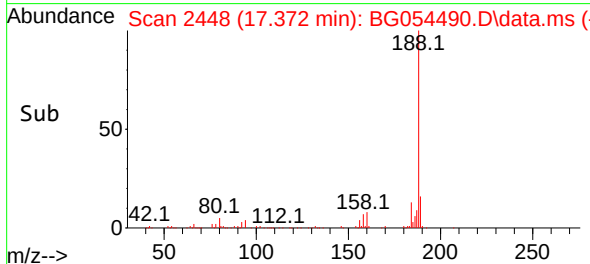
Instrument :
BNA_G
ClientSampleId :
RVE-45



Tgt Ion:188 Resp: 124059
Ion Ratio Lower Upper
188 100
94 4.2 5.4 8.0
80 4.6 6.8 10.2

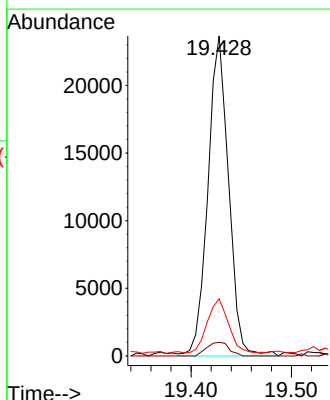
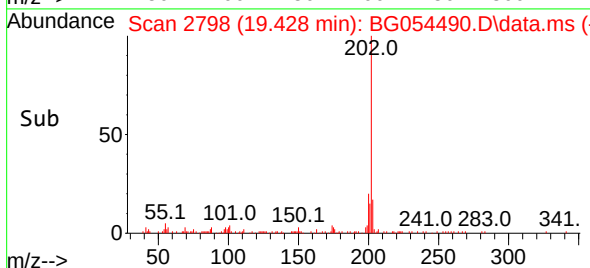
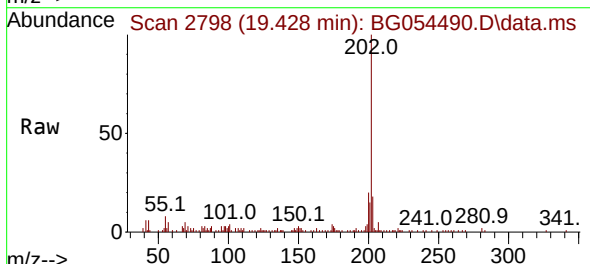
Manual Integrations
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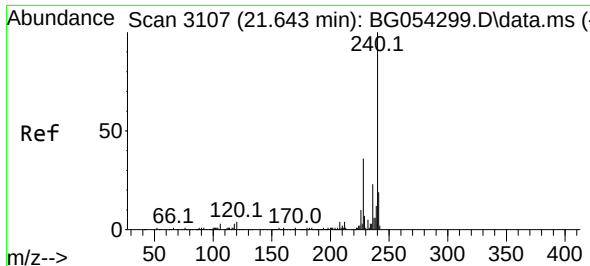
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/04/2022



#75
Fluoranthene
Concen: 4.019 ng
RT: 19.428 min Scan# 2798
Delta R.T. 0.006 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38

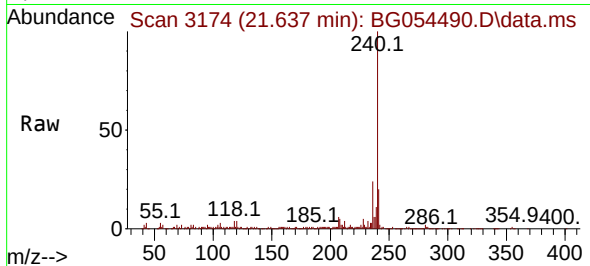
Tgt Ion:202 Resp: 33846
Ion Ratio Lower Upper
202 100
101 4.2 0.0 26.9
203 17.9 0.0 37.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.637 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38

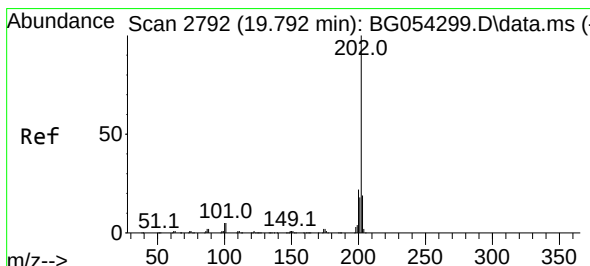
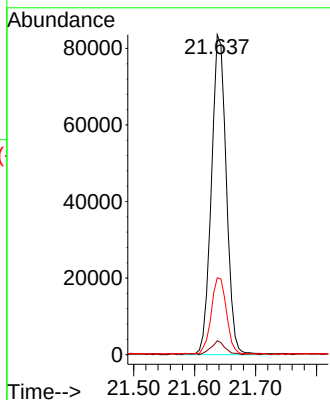
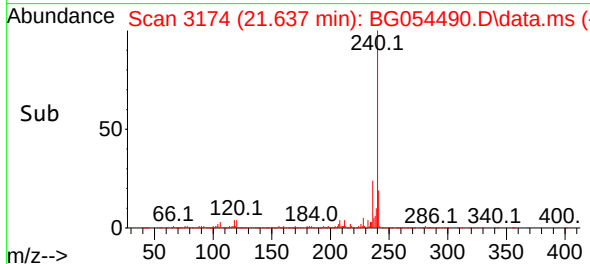
Instrument :
BNA_G
ClientSampleId :
RVE-45



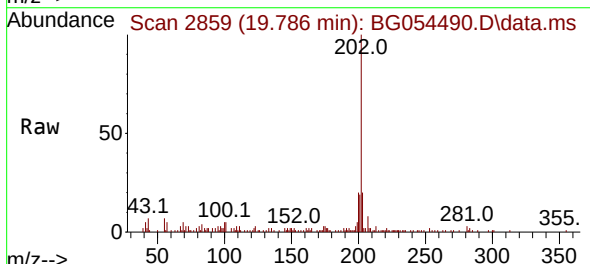
Tgt Ion:240 Resp: 142248
Ion Ratio Lower Upper
240 100
120 4.3 4.6 7.0
236 24.0 20.2 30.4

Manual Integrations
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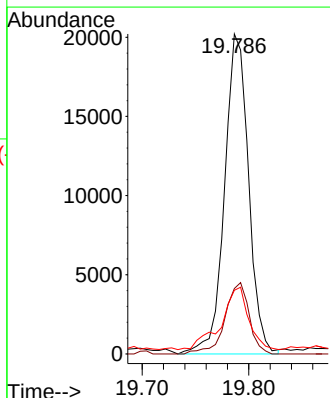
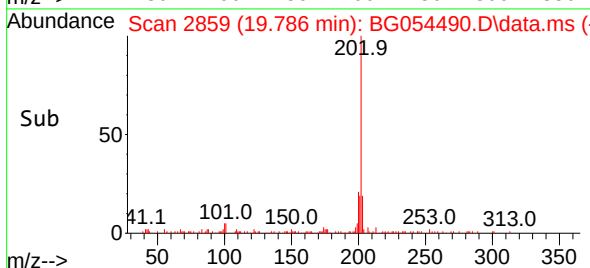
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/04/2022

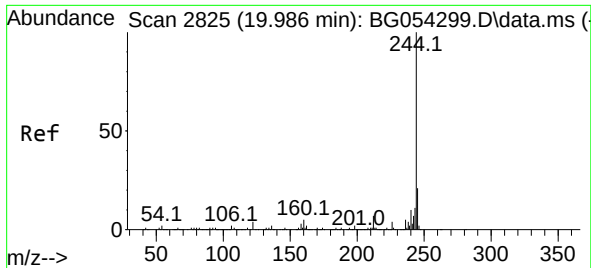


#78
Pyrene
Concen: 3.876 ng
RT: 19.786 min Scan# 2859
Delta R.T. 0.000 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38



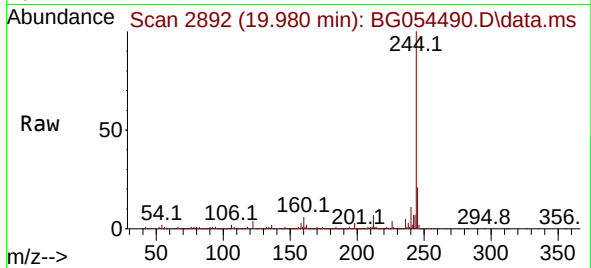
Tgt Ion:202 Resp: 31639
Ion Ratio Lower Upper
202 100
200 20.5 16.6 24.8
203 19.9 14.6 21.8





#79
 Terphenyl-d14
 Concen: 74.880 ng
 RT: 19.980 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG054490.D
 Acq: 2 Aug 2022 19:38

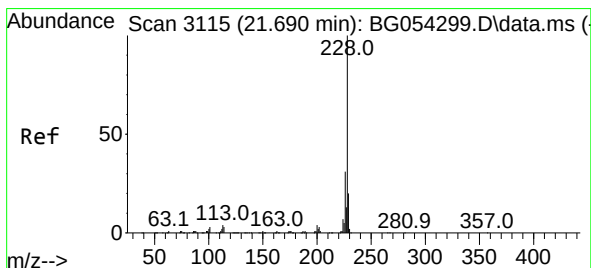
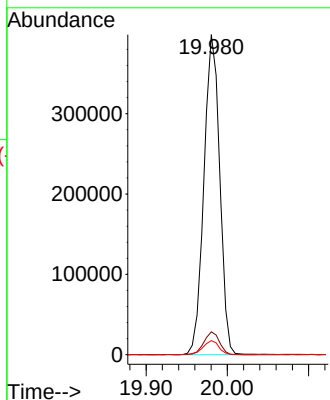
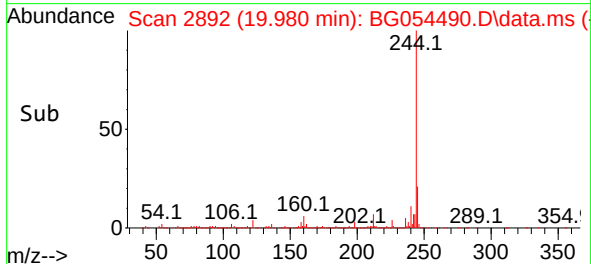
Instrument :
 BNA_G
 ClientSampleId :
 RVE-45



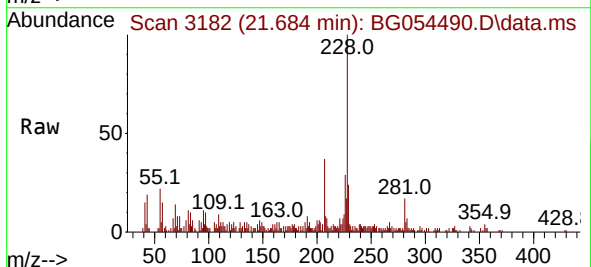
Tgt Ion:244 Resp: 536920
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 4.4 5.0 7.4

Manual Integrations
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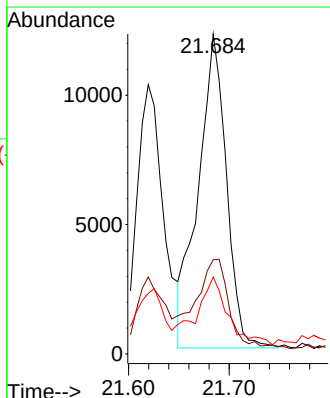
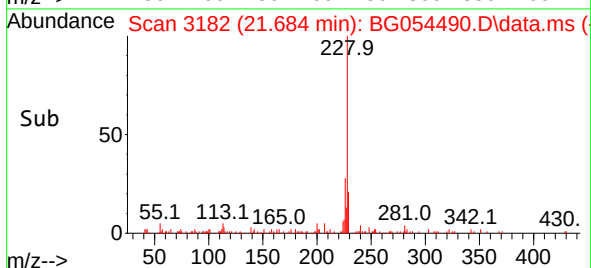
Reviewed By :Christian Giraldo 08/03/2022
 Supervised By :Jagrut Upadhyay 08/04/2022

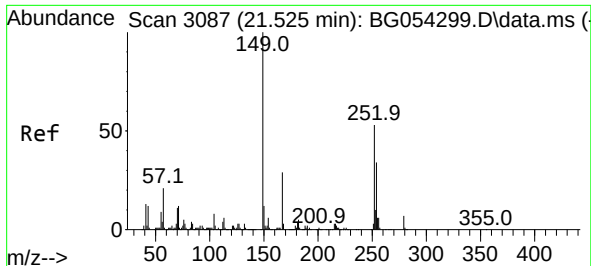


#83
 Chrysene
 Concen: 2.768 ng m
 RT: 21.684 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: BG054490.D
 Acq: 2 Aug 2022 19:38



Tgt Ion:228 Resp: 23616
 Ion Ratio Lower Upper
 228 100
 226 29.4 23.4 35.2
 229 24.0 15.5 23.3





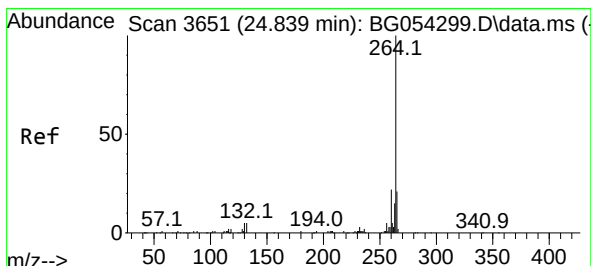
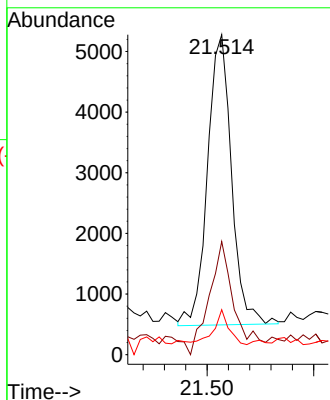
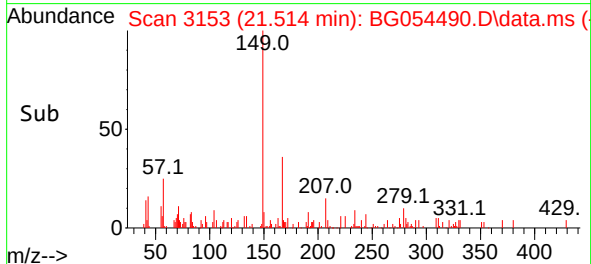
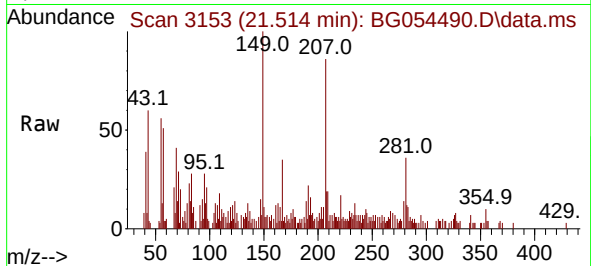
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.083 ng
RT: 21.514 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38

Instrument :
BNA_G
ClientSampleId :
RVE-45

Tgt Ion:149 Resp: 749
Ion Ratio Lower Upper
149 100
167 35.4 20.2 30.4
279 14.1 3.6 5.4

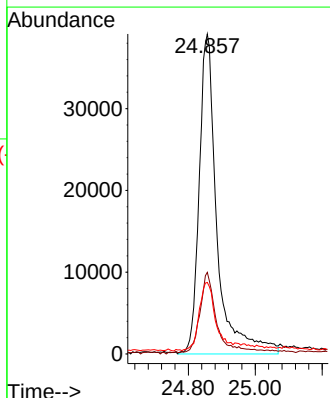
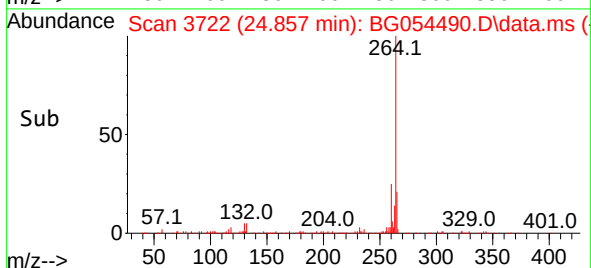
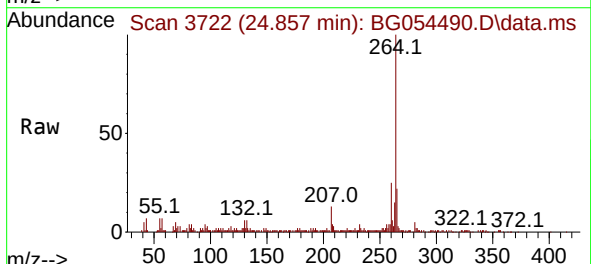
Manual Integrations
APPROVED

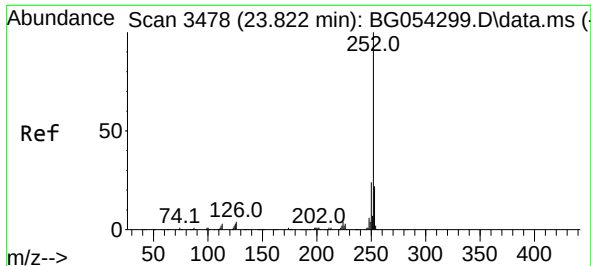
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/04/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.857 min Scan# 3722
Delta R.T. 0.024 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38

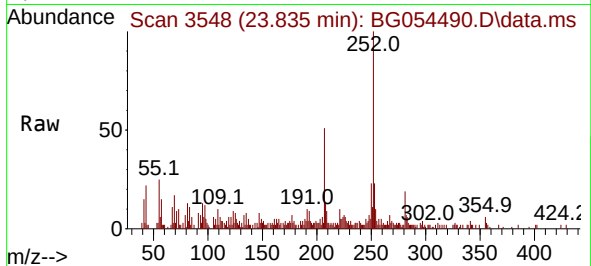
Tgt Ion:264 Resp: 145149
Ion Ratio Lower Upper
264 100
260 25.5 19.0 28.6
265 22.3 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 4.201 ng m
RT: 23.835 min Scan# 30
Delta R.T. 0.012 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38

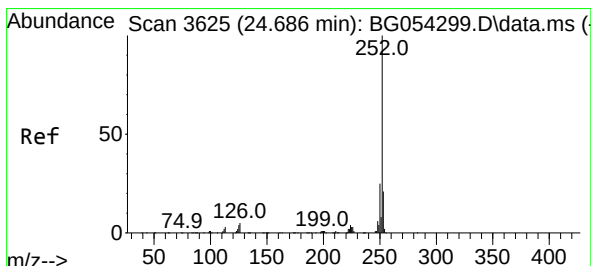
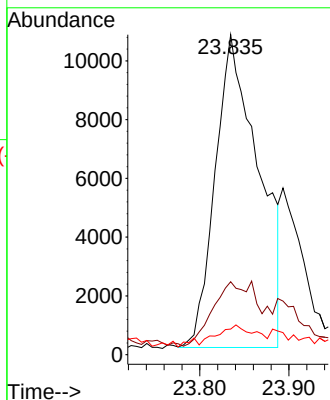
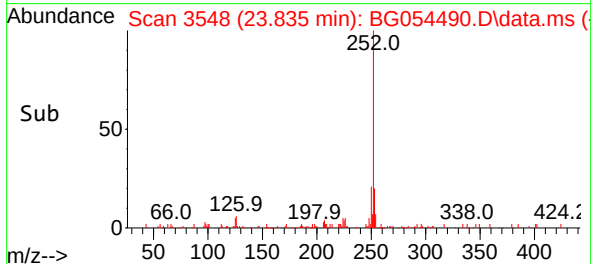
Instrument :
BNA_G
ClientSampleId :
RVE-45



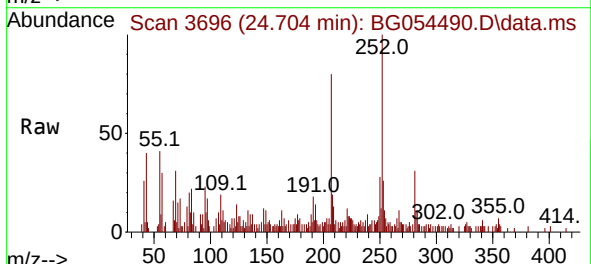
Tgt Ion:252 Resp: 3605
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 8.0 4.6 6.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/04/2022



#90
Benzo(a)pyrene
Concen: 2.592 ng
RT: 24.704 min Scan# 3696
Delta R.T. 0.018 min
Lab File: BG054490.D
Acq: 2 Aug 2022 19:38



Tgt Ion:252 Resp: 19002
Ion Ratio Lower Upper
252 100
253 25.6 17.8 26.8
125 8.3 4.3 6.5

