

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080522\
 Data File : BG054541.D
 Acq On : 5 Aug 2022 19:01
 Operator : CG/JU
 Sample : N3960-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-151

Manual Integrations
 APPROVED

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

Quant Time: Aug 06 05:40:24 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	7.972	152	17541	20.00	ng	-0.02
21) Naphthalene-d8	10.786	136	68271	20.00	ng	#-0.01
39) Acenaphthene-d10	14.617	164	51614	20.00	ng	0.00
64) Phenanthrene-d10	17.361	188	126453	20.00	ng	#-0.01
76) Chrysene-d12	21.626	240	139241	20.00	ng	#-0.01
86) Perylene-d12	24.834	264	139028	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	87358	103.98	ng	0.00
7) Phenol-d6	7.179	99	120202	104.42	ng	0.00
23) Nitrobenzene-d5	9.141	82	83570	66.66	ng	-0.01
42) 2,4,6-Tribromophenol	16.109	330	103574	95.57	ng	0.00
45) 2-Fluorobiphenyl	13.236	172	250179	68.38	ng	-0.01
79) Terphenyl-d14	19.970	244	476865	67.94	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	19.417	202	41088	4.79	ng	97
78) Pyrene	19.782	202	50768	6.35	ng	99
81) Benzo(a)anthracene	21.609	228	29520	3.34	ng	92
83) Chrysene	21.673	228	34636	4.15	ng	96
88) Benzo(b)fluoranthene	23.818	252	47487	5.78	ng	95
90) Benzo(a)pyrene	24.688	252	30706	4.37	ng	100

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

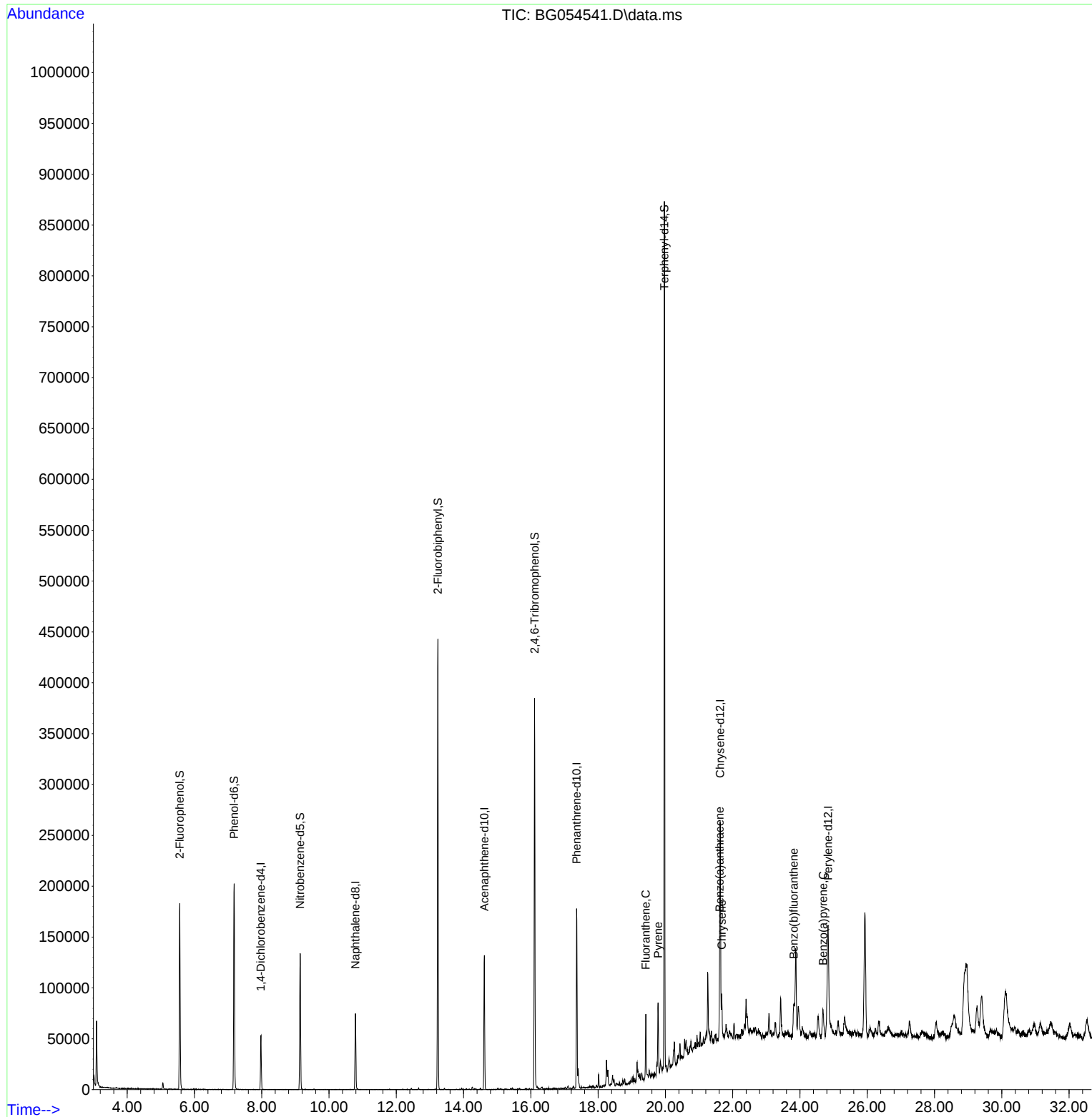
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080522\
Data File : BG054541.D
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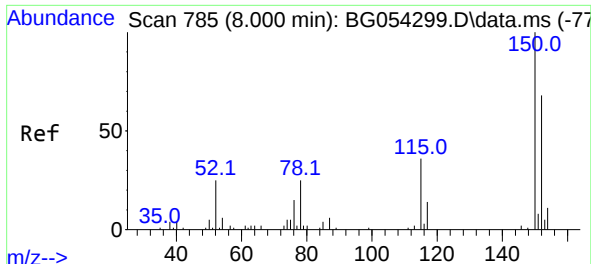
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BNA_G
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Quant Time: Aug 06 05:40:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
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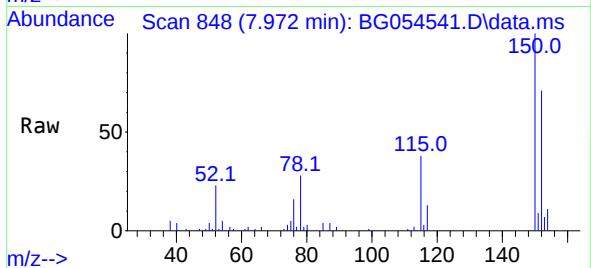
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.972 min Scan# 84
Delta R.T. -0.016 min
Lab File: BG054541.D
Acq: 5 Aug 2022 19:01

Instrument :

BNA_G

ClientSampleId :

RVE-151

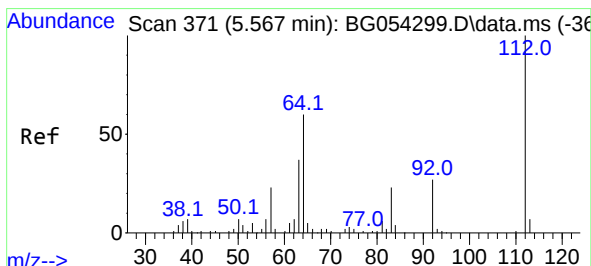
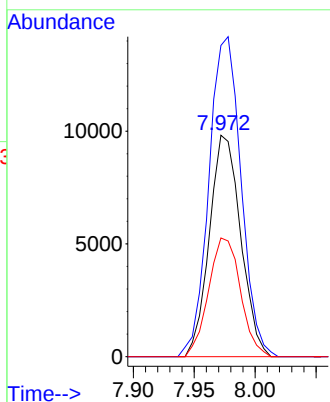
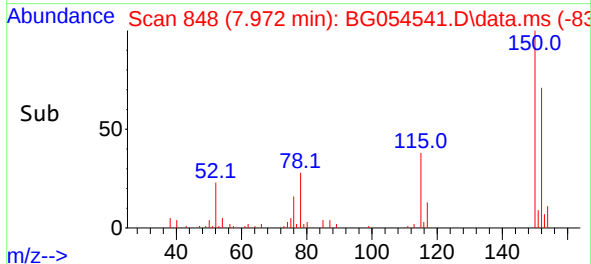


Tgt Ion:152 Resp: 1754
Ion Ratio Lower Upper
152 100
150 140.5 131.6 197.4
115 53.6 50.9 76.3

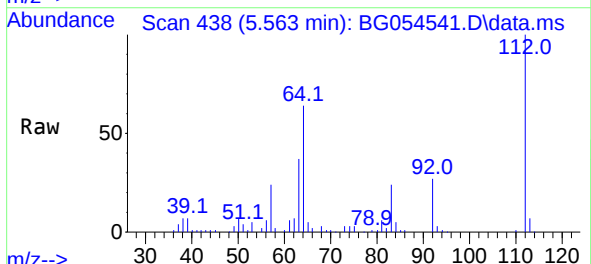
Manual Integrations

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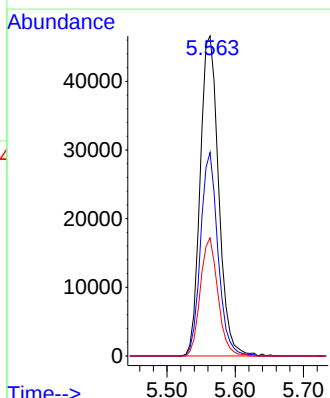
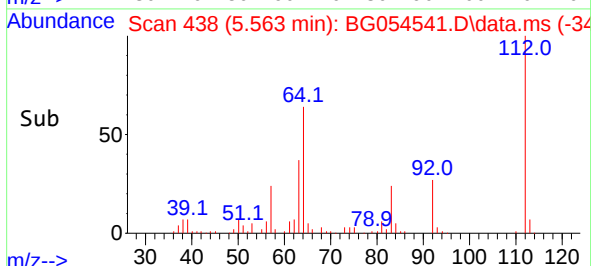
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

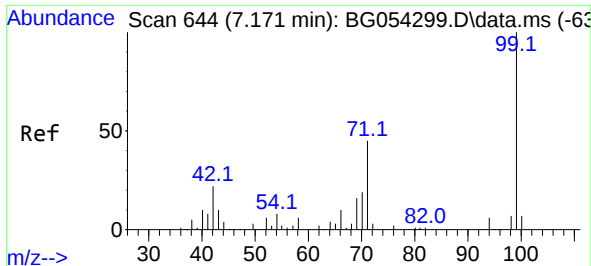


#5
2-Fluorophenol
Concen: 103.98 ng
RT: 5.563 min Scan# 438
Delta R.T. 0.001 min
Lab File: BG054541.D
Acq: 5 Aug 2022 19:01



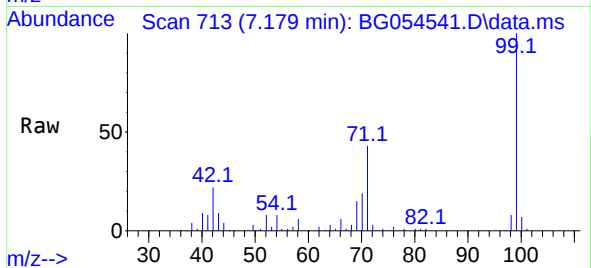
Tgt Ion:112 Resp: 87358
Ion Ratio Lower Upper
112 100
64 63.6 55.1 82.7
63 36.9 30.4 45.6





#7
Phenol-d6
Concen: 104.42 ng
RT: 7.179 min Scan# 71
Delta R.T. 0.007 min
Lab File: BG054541.D
Acq: 5 Aug 2022 19:01

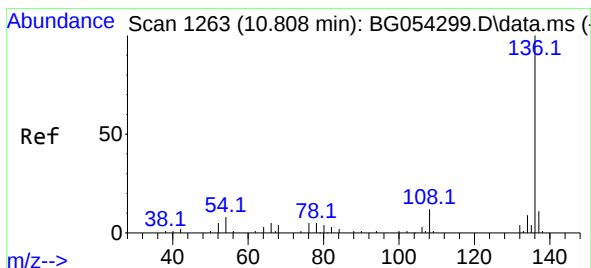
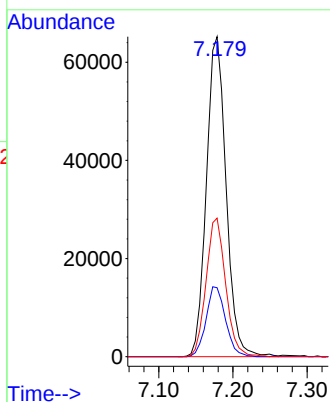
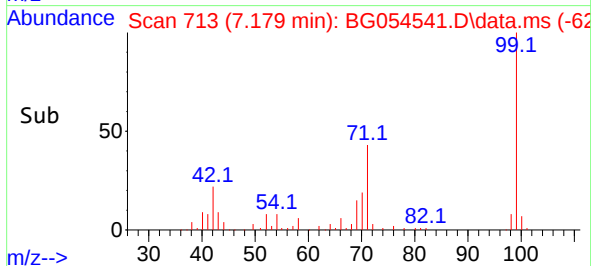
Instrument :
BNA_G
ClientSampleId :
RVE-151



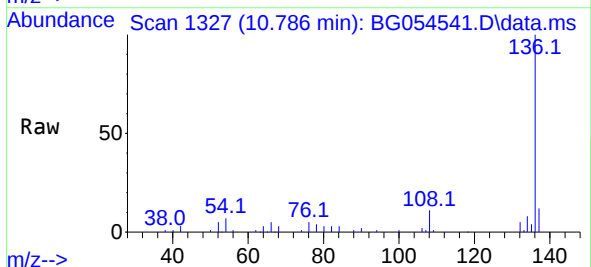
Tgt Ion: 99 Resp: 12020
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 43.3 33.8 50.8

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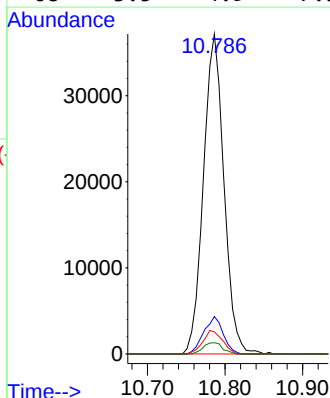
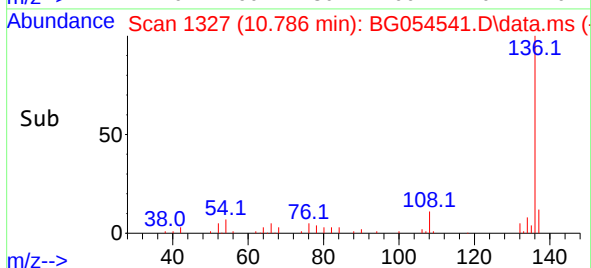
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

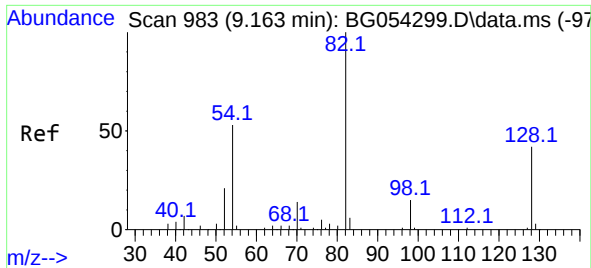


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.786 min Scan# 1327
Delta R.T. -0.011 min
Lab File: BG054541.D
Acq: 5 Aug 2022 19:01



Tgt Ion:136 Resp: 68271
Ion Ratio Lower Upper
136 100
137 11.7 8.5 12.7
54 6.9 7.4 11.2#
68 3.5 4.9 7.3#





#23
Nitrobenzene-d5
Concen: 66.66 ng
RT: 9.141 min Scan# 1047
Delta R.T. -0.011 min
Lab File: BG054541.D
Acq: 5 Aug 2022 19:01

Instrument :

BNA_G

ClientSampleId :

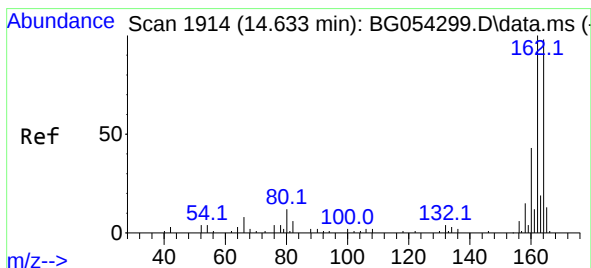
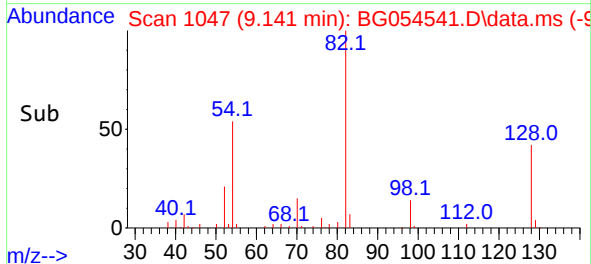
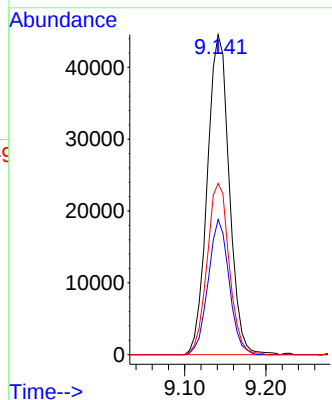
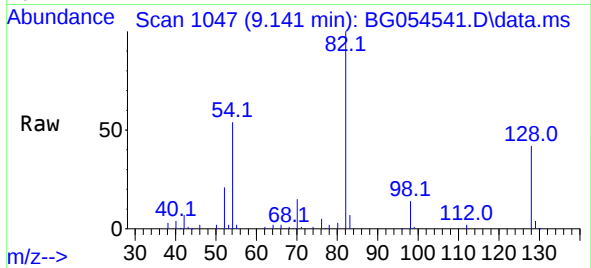
RVE-151

Tgt Ion: 82 Resp: 83570
Ion Ratio Lower Upper
82 100
128 42.3 27.9 41.9
54 53.5 41.2 61.8

Manual Integrations

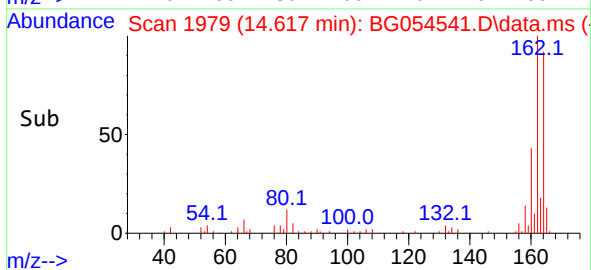
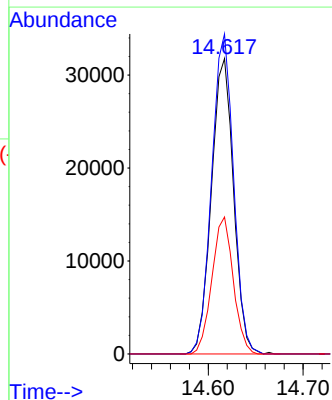
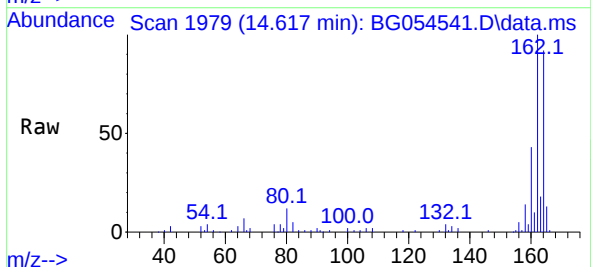
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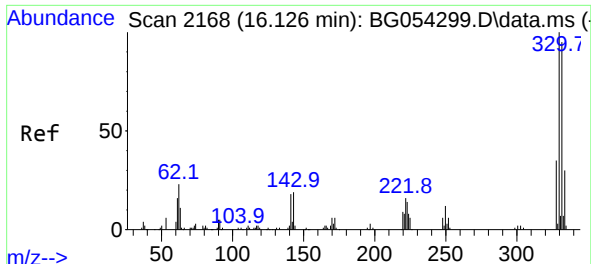
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.617 min Scan# 1979
Delta R.T. -0.005 min
Lab File: BG054541.D
Acq: 5 Aug 2022 19:01

Tgt Ion:164 Resp: 51614
Ion Ratio Lower Upper
164 100
162 108.4 82.3 123.5
160 46.4 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 95.57 ng
RT: 16.109 min Scan# 2168
Delta R.T. -0.005 min
Lab File: BG054541.D
Acq: 5 Aug 2022 19:01

Instrument :

BNA_G

ClientSampleId :

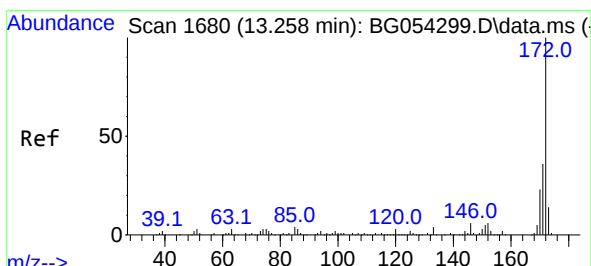
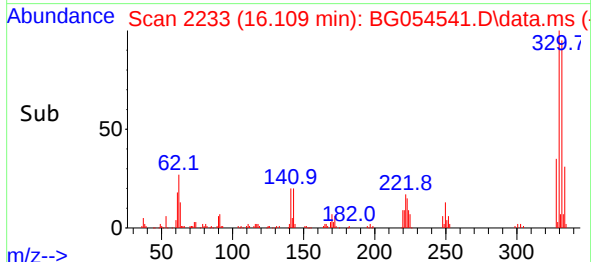
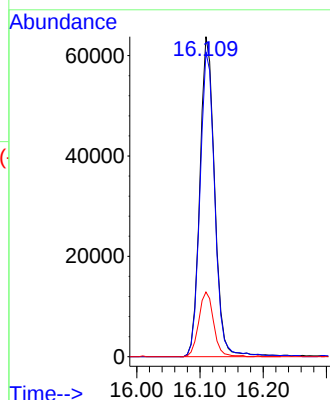
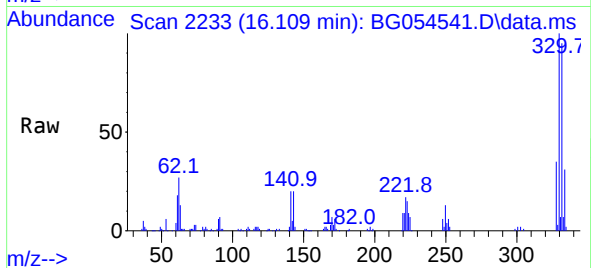
RVE-151

Tgt Ion:330 Resp: 103574
Ion Ratio Lower Upper
330 100
332 95.8 76.0 114.0
141 20.4 27.1 40.7

Manual Integrations

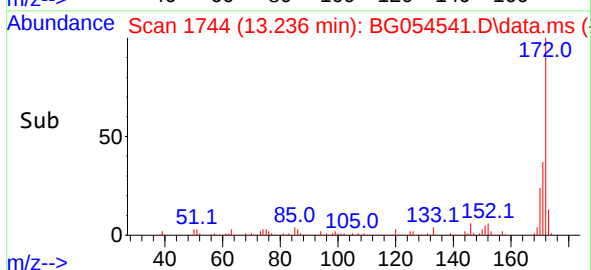
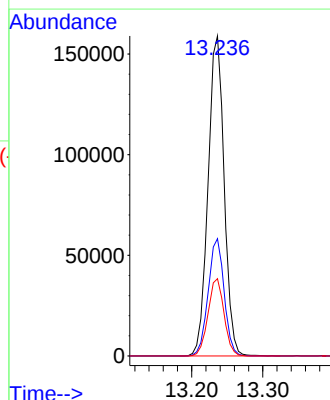
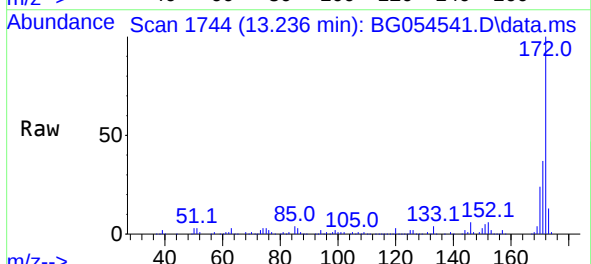
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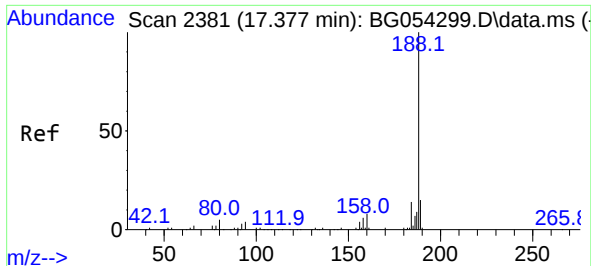
Reviewed By :Christian Giraldo 08/08/2022
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#45
2-Fluorobiphenyl
Concen: 68.38 ng
RT: 13.236 min Scan# 1744
Delta R.T. -0.011 min
Lab File: BG054541.D
Acq: 5 Aug 2022 19:01

Tgt Ion:172 Resp: 250179
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 24.2 18.9 28.3





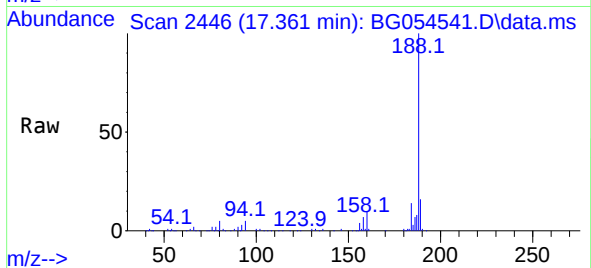
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.361 min Scan# 2446
Delta R.T. -0.011 min
Lab File: BG054541.D
Acq: 5 Aug 2022 19:01

Instrument :

BNA_G

ClientSampleId :

RVE-151

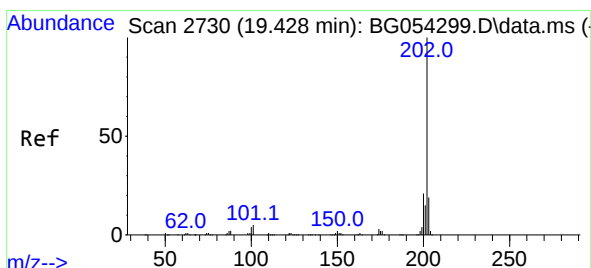
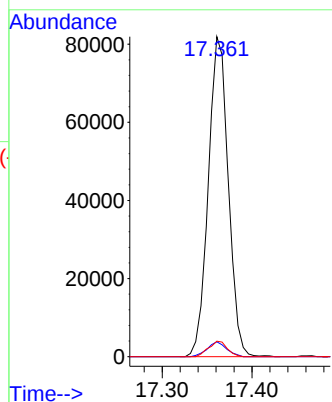
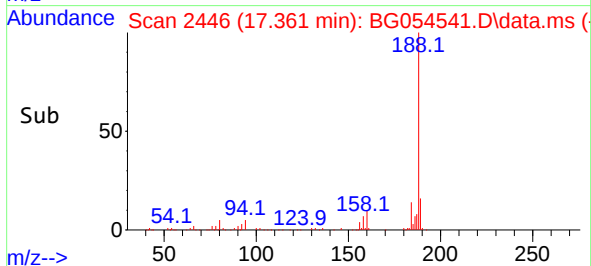


Tgt Ion:188 Resp: 12645
Ion Ratio Lower Upper
188 100
94 4.7 5.4 8.0
80 4.8 6.8 10.2

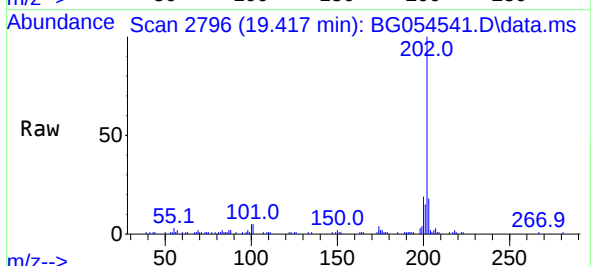
Manual Integrations

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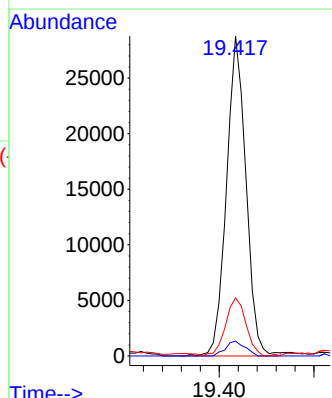
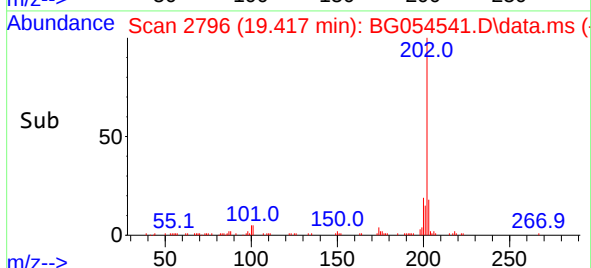
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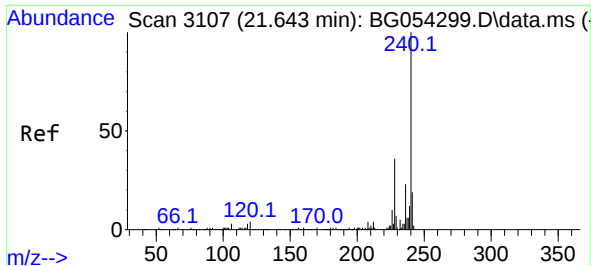


#75
Fluoranthene
Concen: 4.79 ng
RT: 19.417 min Scan# 2796
Delta R.T. -0.005 min
Lab File: BG054541.D
Acq: 5 Aug 2022 19:01



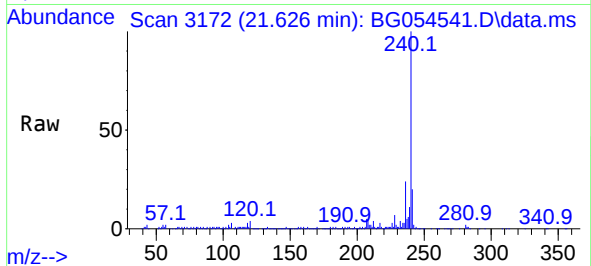
Tgt Ion:202 Resp: 41088
Ion Ratio Lower Upper
202 100
101 4.7 0.0 26.9
203 18.1 0.0 37.2





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.626 min Scan# 3107
Delta R.T. -0.011 min
Lab File: BG054541.D
Acq: 5 Aug 2022 19:01

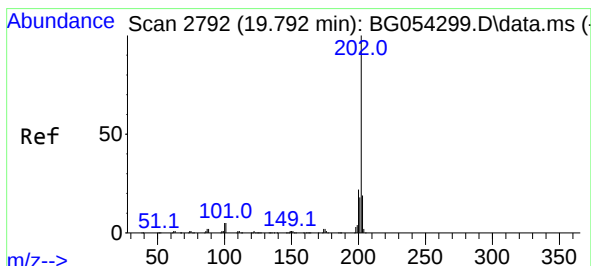
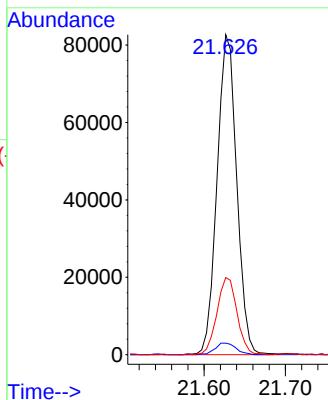
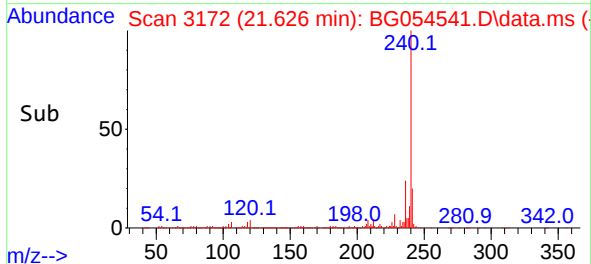
Instrument :
BNA_G
ClientSampleId :
RVE-151



Tgt Ion:240 Resp: 13924
Ion Ratio Lower Upper
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120 3.6 4.6 7.0
236 24.1 20.2 30.4

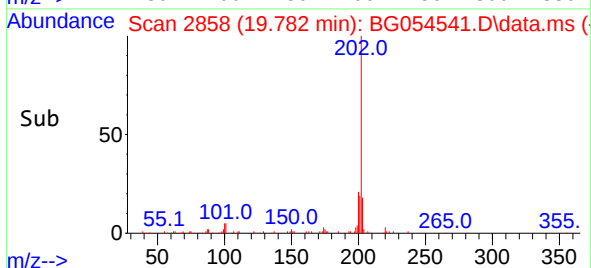
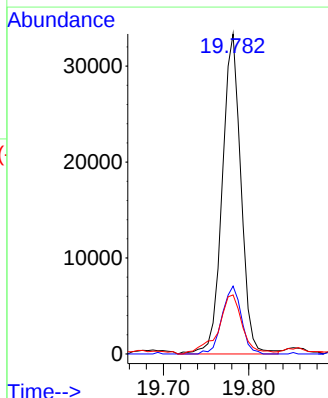
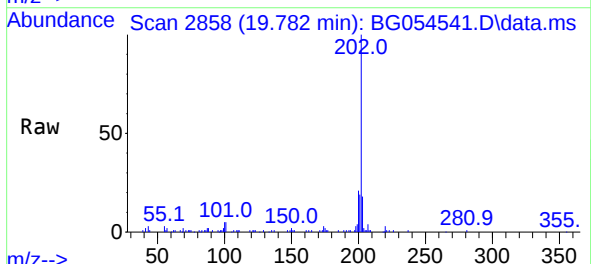
Manual Integrations
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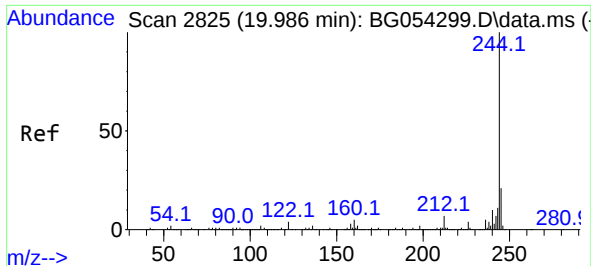
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#78
Pyrene
Concen: 6.35 ng
RT: 19.782 min Scan# 2858
Delta R.T. -0.005 min
Lab File: BG054541.D
Acq: 5 Aug 2022 19:01

Tgt Ion:202 Resp: 50768
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 18.4 14.6 21.8





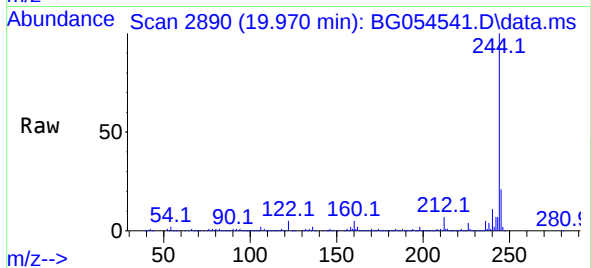
#79
 Terphenyl-d14
 Concen: 67.94 ng
 RT: 19.970 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG054541.D
 Acq: 5 Aug 2022 19:01

Instrument :

BNA_G

ClientSampleId :

RVE-151

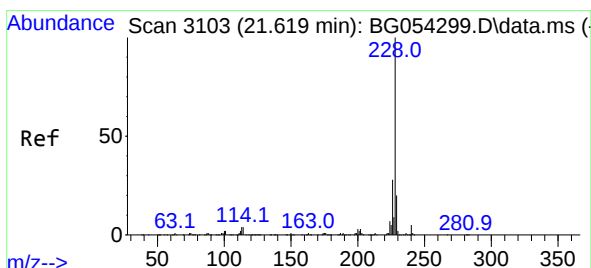
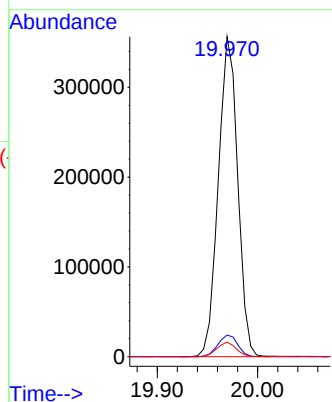
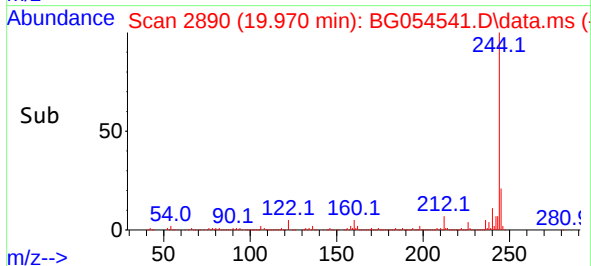


Tgt Ion:244 Resp: 47686
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.5 9.7
 122 4.5 5.0 7.4

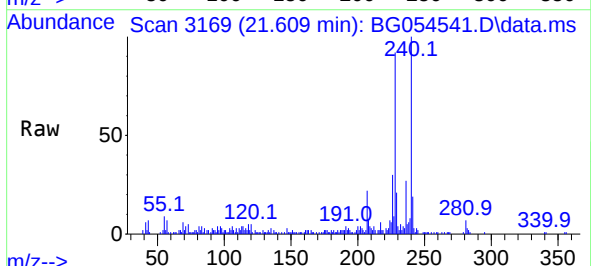
Manual Integrations

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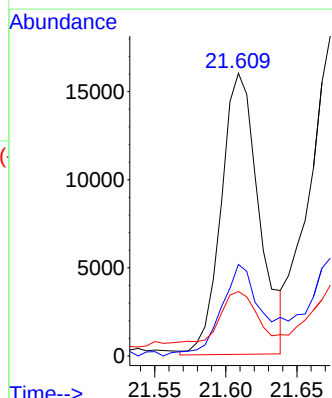
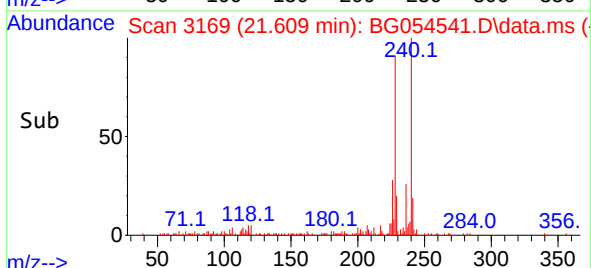
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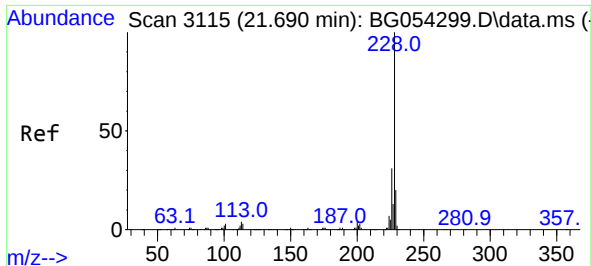


#81
 Benzo(a)anthracene
 Concen: 3.34 ng
 RT: 21.609 min Scan# 3169
 Delta R.T. -0.005 min
 Lab File: BG054541.D
 Acq: 5 Aug 2022 19:01



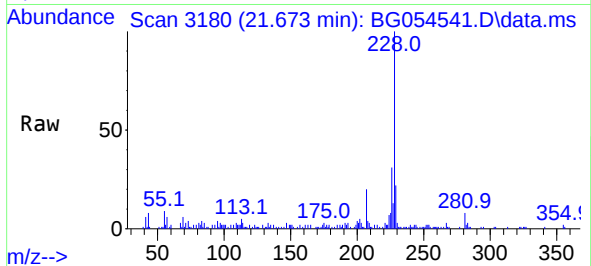
Tgt Ion:228 Resp: 29520
 Ion Ratio Lower Upper
 228 100
 226 32.4 21.6 32.4
 229 22.8 16.2 24.2





#83
Chrysene
Concen: 4.15 ng
RT: 21.673 min Scan# 3115
Delta R.T. -0.011 min
Lab File: BG054541.D
Acq: 5 Aug 2022 19:01

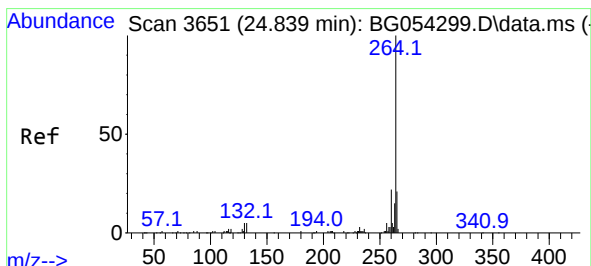
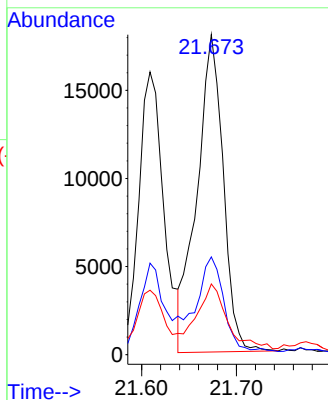
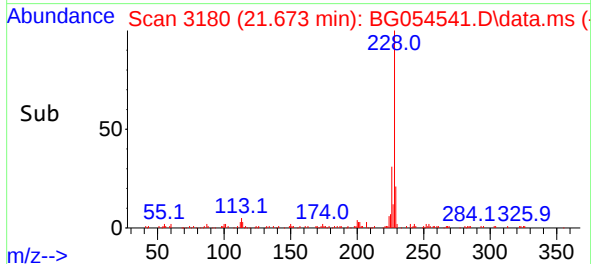
Instrument :
BNA_G
ClientSampleId :
RVE-151



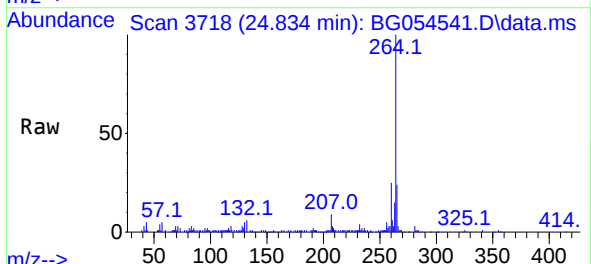
Tgt Ion:228 Resp: 34630
Ion Ratio Lower Upper
228 100
226 30.5 23.4 35.2
229 22.1 15.5 23.3

Manual Integrations
APPROVED

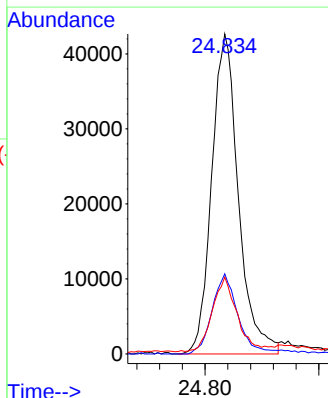
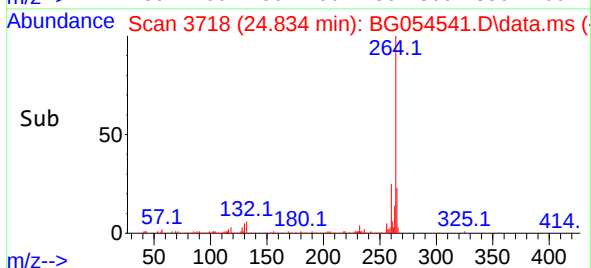
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

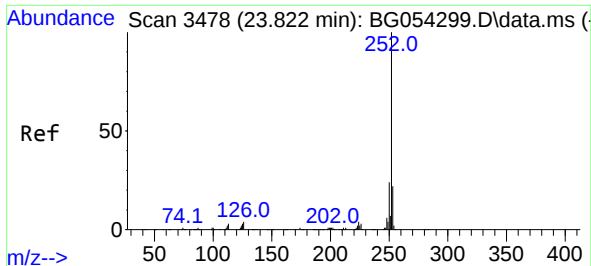


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.834 min Scan# 3718
Delta R.T. 0.001 min
Lab File: BG054541.D
Acq: 5 Aug 2022 19:01



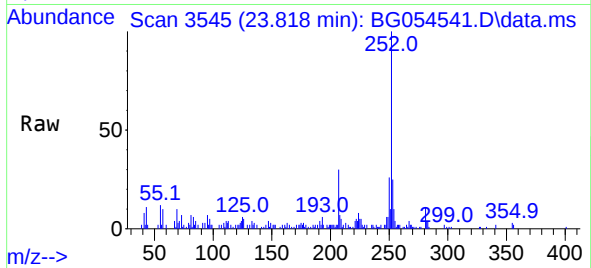
Tgt Ion:264 Resp: 139028
Ion Ratio Lower Upper
264 100
260 25.1 19.0 28.6
265 24.0 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 5.78 ng
RT: 23.818 min Scan# 301
Delta R.T. -0.005 min
Lab File: BG054541.D
Acq: 5 Aug 2022 19:01

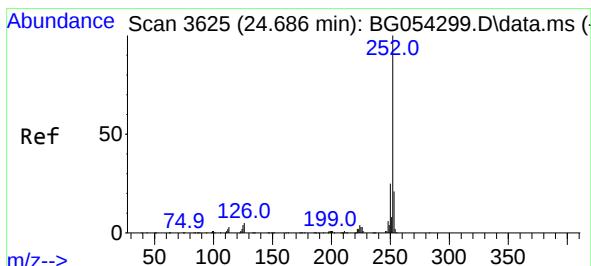
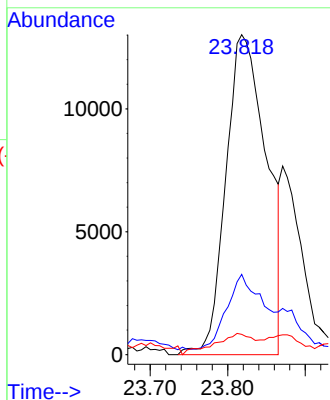
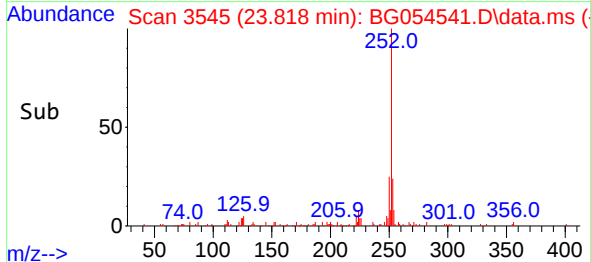
Instrument :
BNA_G
ClientSampleId :
RVE-151



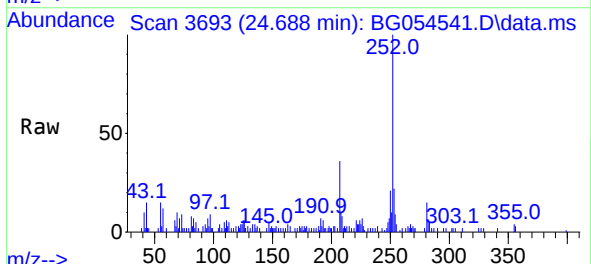
Tgt Ion:252 Resp: 4748
Ion Ratio Lower Upper
252 100
253 25.1 18.0 27.0
125 6.4 4.6 6.8

Manual Integrations
APPROVED

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



#90
Benzo(a)pyrene
Concen: 4.37 ng
RT: 24.688 min Scan# 3693
Delta R.T. 0.001 min
Lab File: BG054541.D
Acq: 5 Aug 2022 19:01



Tgt Ion:252 Resp: 30706
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 5.9 4.3 6.5

