

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080822\
 Data File : BG054560.D
 Acq On : 8 Aug 2022 19:43
 Operator : CG/JU
 Sample : N3961-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-181

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/09/2022
 Supervised By : Jagrut Upadhyay 08/09/2022

Quant Time: Aug 09 01:57:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 14:48:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.978	152	20891	20.00	ng	0.00
21) Naphthalene-d8	10.787	136	80308	20.00	ng	# 0.00
39) Acenaphthene-d10	14.618	164	60633	20.00	ng	0.00
64) Phenanthrene-d10	17.367	188	141070	20.00	ng	# 0.00
76) Chrysene-d12	21.633	240	154044	20.00	ng	# 0.00
86) Perylene-d12	24.847	264	158527	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.564	112	115408	115.34	ng	0.00
7) Phenol-d6	7.179	99	154687	112.82	ng	0.00
23) Nitrobenzene-d5	9.142	82	103718	70.33	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	128831	101.20	ng	0.00
45) 2-Fluorobiphenyl	13.237	172	310986	72.35	ng	0.00
79) Terphenyl-d14	19.976	244	583721	75.17	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.409	178	26194	3.73	ng	96
75) Fluoranthene	19.418	202	62995	6.58	ng	94
78) Pyrene	19.782	202	72527	8.21	ng	97
81) Benzo(a)anthracene	21.615	228	39393	4.03	ng	94
83) Chrysene	21.680	228	47621	5.15	ng	96
88) Benzo(b)fluoranthene	23.830	252	64563	6.89	ng	98
90) Benzo(a)pyrene	24.694	252	43572	5.44	ng	# 93
92) Benzo(g,h,i)perylene	29.688	276	29168m	2.98	ng	

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

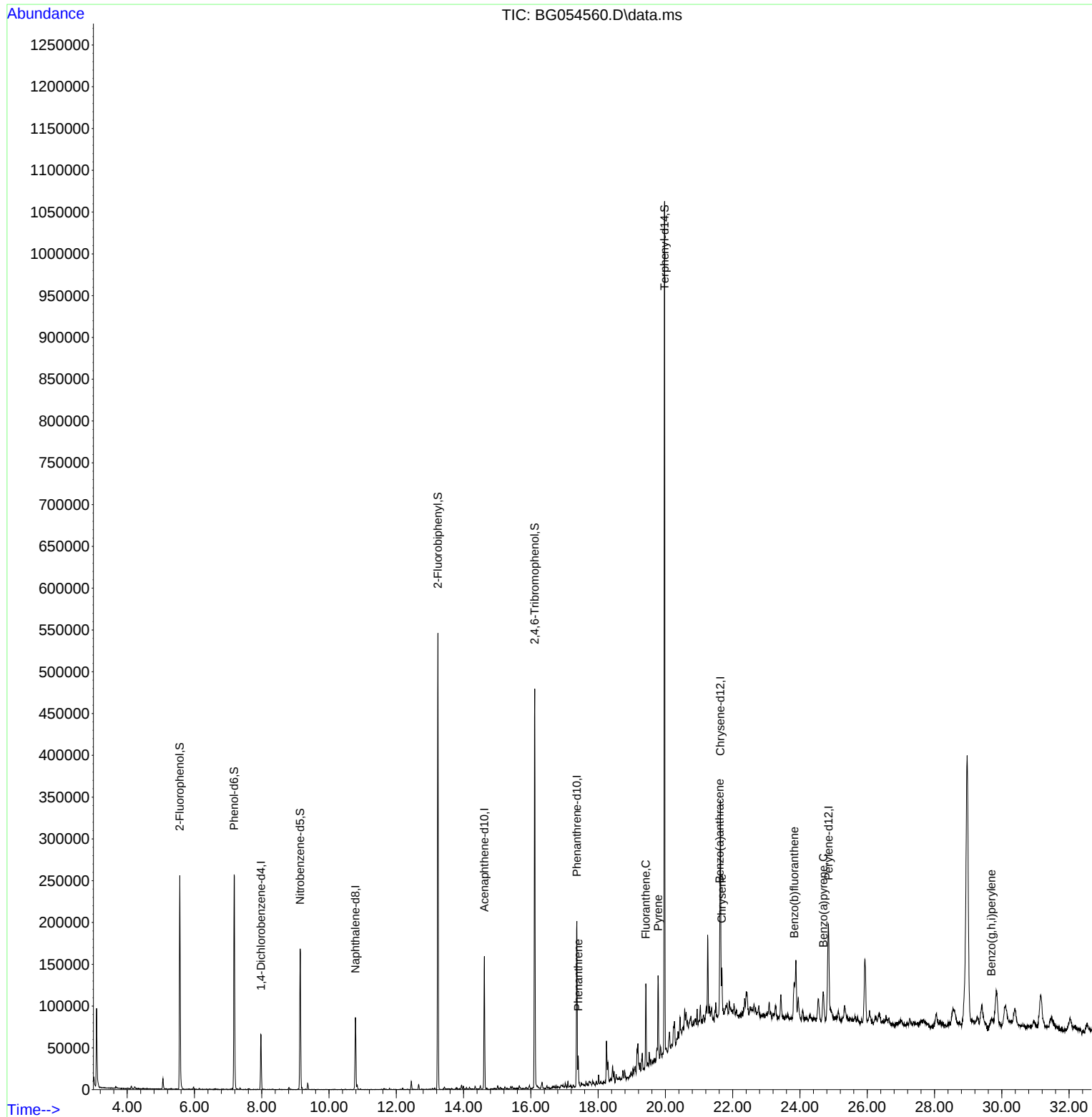
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080822\
Data File : BG054560.D
Acq On : 8 Aug 2022 19:43
Operator : CG/JU
Sample : N3961-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

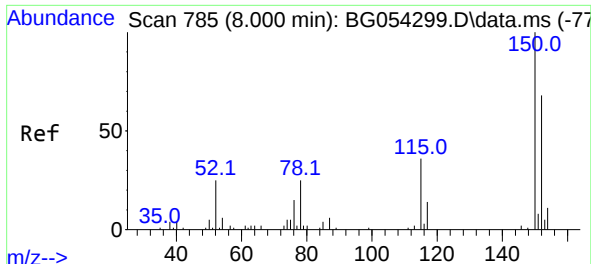
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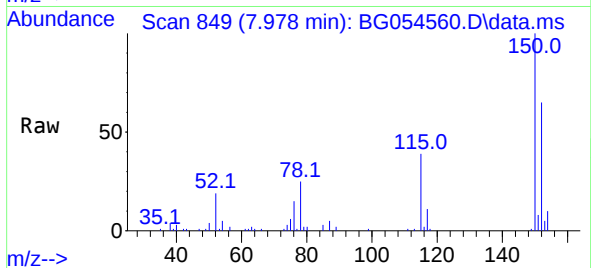
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.978 min Scan# 84
Delta R.T. 0.006 min
Lab File: BG054560.D
Acq: 8 Aug 2022 19:43

Instrument :

BNA_G

ClientSampleId :

RVE-181

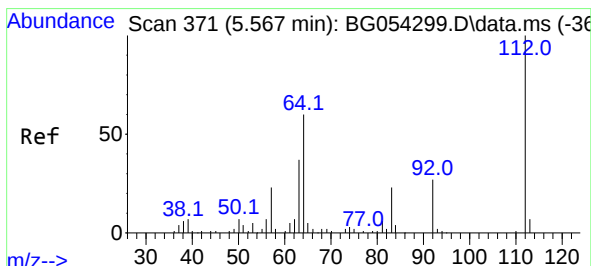
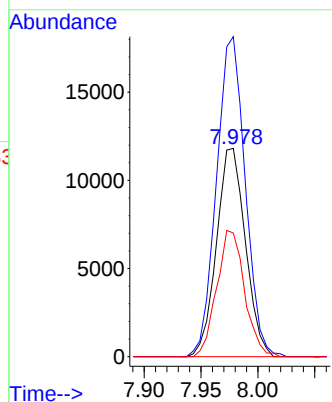


Tgt Ion:152 Resp: 2089
Ion Ratio Lower Upper
152 100
150 153.6 131.6 197.4
115 59.4 50.9 76.3

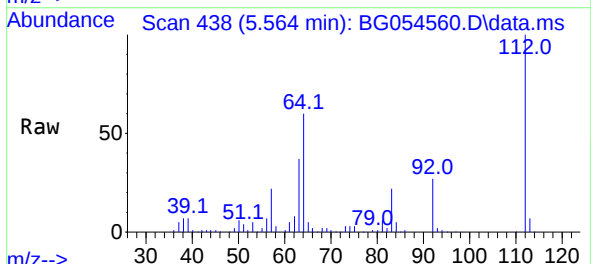
Manual Integrations

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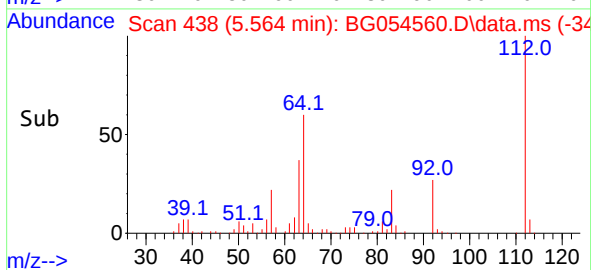
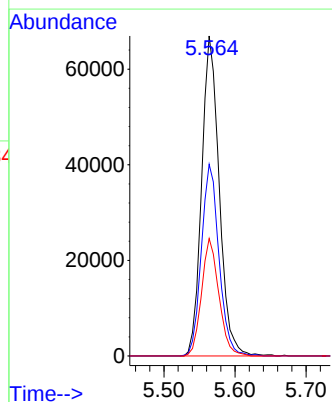
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Supervised By :Jagrut Upadhyay 08/09/2022

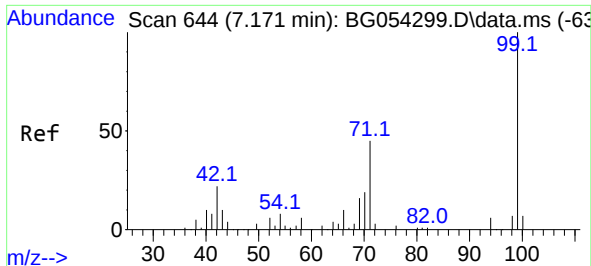


#5
2-Fluorophenol
Concen: 115.34 ng
RT: 5.564 min Scan# 438
Delta R.T. 0.000 min
Lab File: BG054560.D
Acq: 8 Aug 2022 19:43



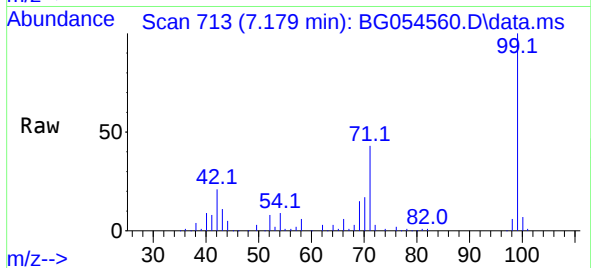
Tgt Ion:112 Resp: 115408
Ion Ratio Lower Upper
112 100
64 59.9 55.1 82.7
63 36.7 30.4 45.6





#7
Phenol-d6
Concen: 112.82 ng
RT: 7.179 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG054560.D
Acq: 8 Aug 2022 19:43

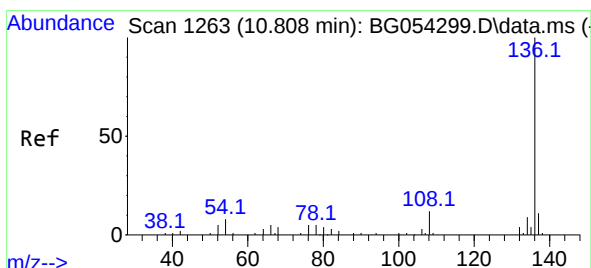
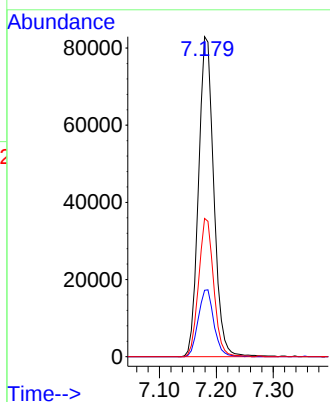
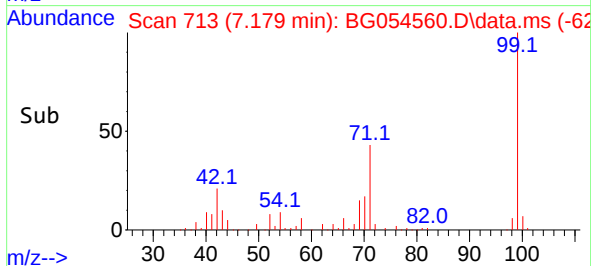
Instrument :
BNA_G
ClientSampleId :
RVE-181



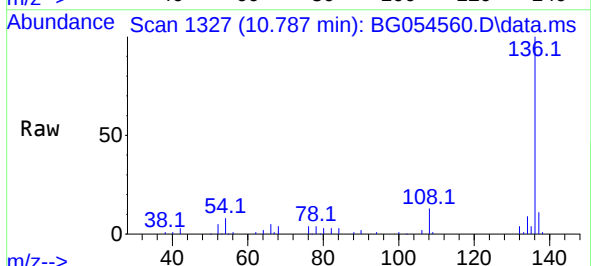
Tgt Ion: 99 Resp: 15468
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.6
71 43.2 33.8 50.8

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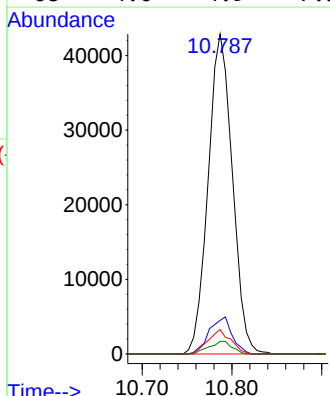
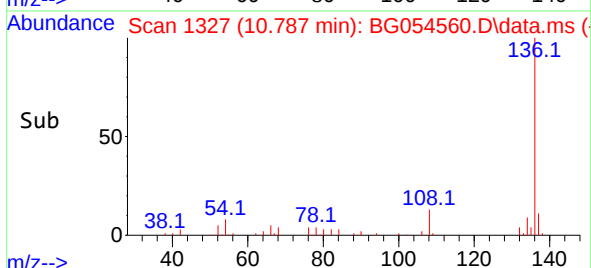
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

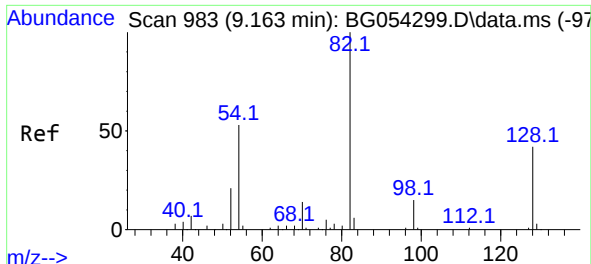


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.787 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BG054560.D
Acq: 8 Aug 2022 19:43



Tgt Ion:136 Resp: 80308
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 7.7 7.4 11.2
68 4.0 4.9 7.3#





#23
Nitrobenzene-d5
Concen: 70.33 ng
RT: 9.142 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BG054560.D
Acq: 8 Aug 2022 19:43

Instrument :

BNA_G

ClientSampleId :

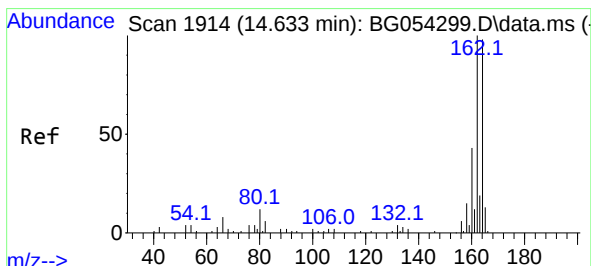
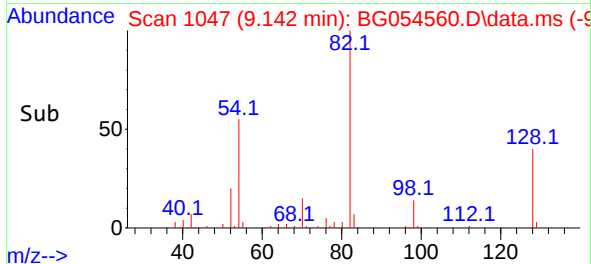
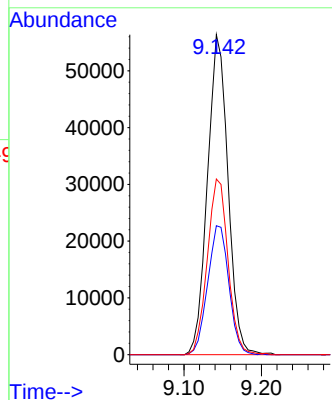
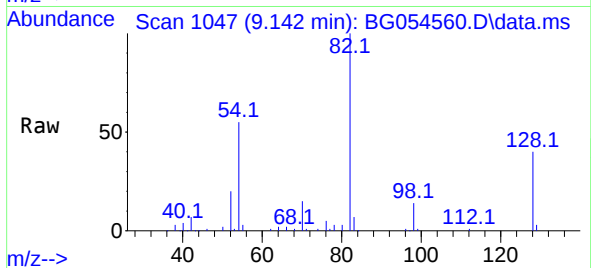
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Tgt Ion: 82 Resp: 103718
Ion Ratio Lower Upper
82 100
128 40.3 27.9 41.9
54 54.9 41.2 61.8

Manual Integrations

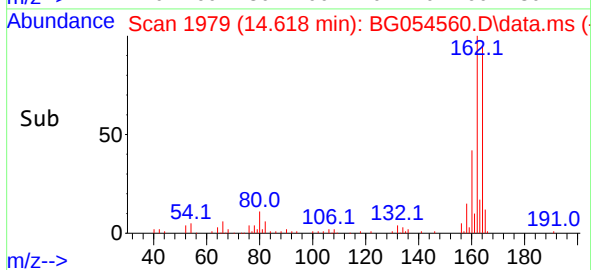
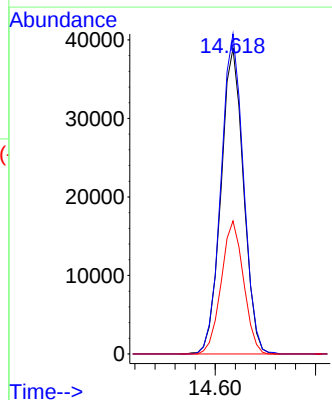
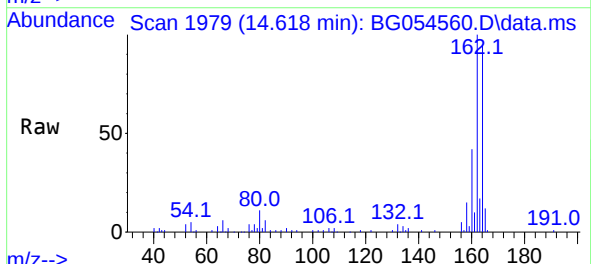
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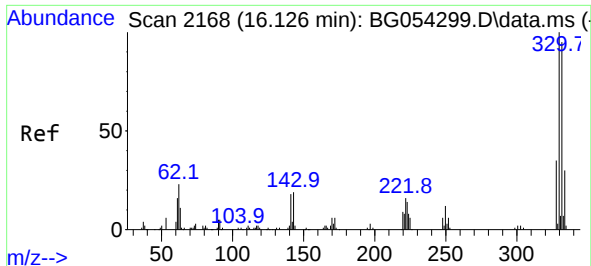
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.618 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BG054560.D
Acq: 8 Aug 2022 19:43

Tgt Ion:164 Resp: 60633
Ion Ratio Lower Upper
164 100
162 104.7 82.3 123.5
160 43.5 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 101.20 ng
RT: 16.116 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BG054560.D
Acq: 8 Aug 2022 19:43

Instrument :

BNA_G

ClientSampleId :

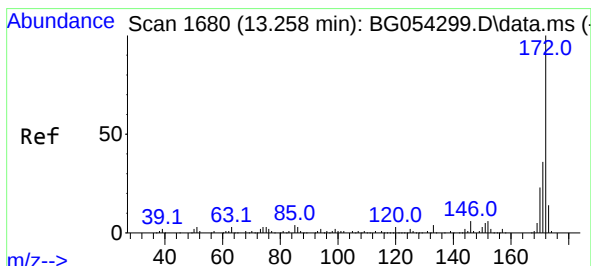
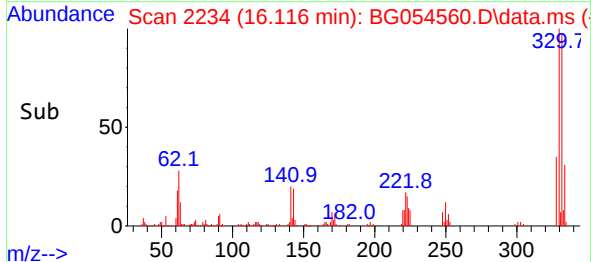
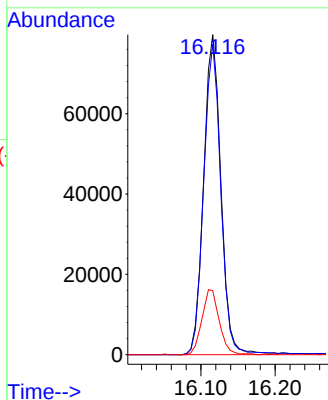
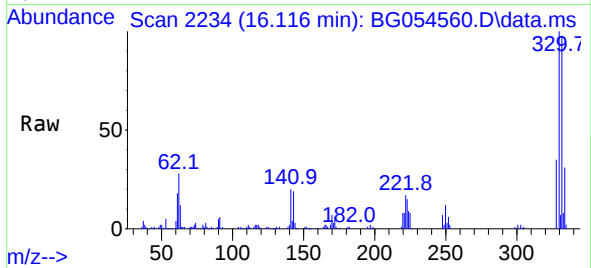
RVE-181

Tgt Ion:330 Resp: 12883
Ion Ratio Lower Upper
330 100
332 96.0 76.0 114.0
141 20.4 27.1 40.7

Manual Integrations

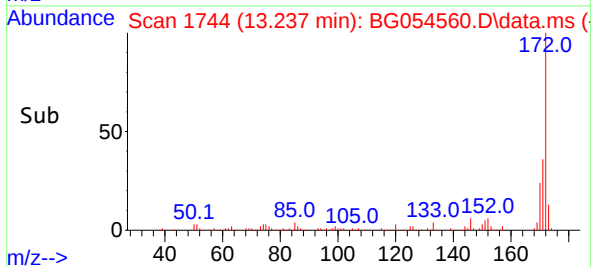
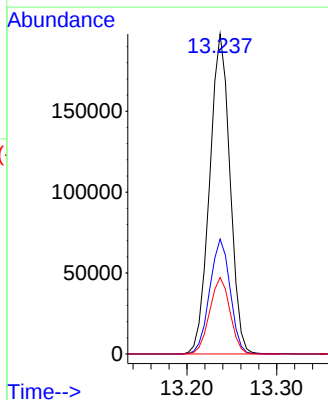
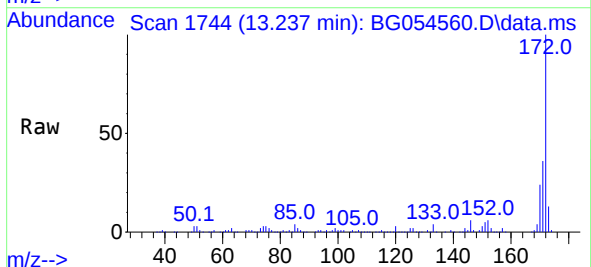
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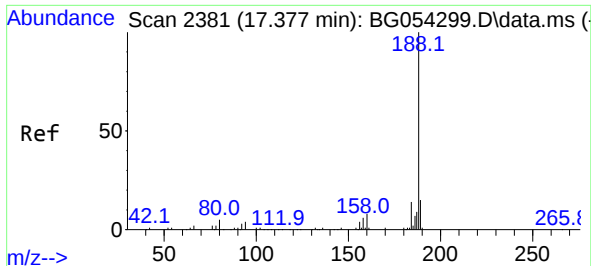
Reviewed By :Christian Giraldo 08/09/2022
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#45
2-Fluorobiphenyl
Concen: 72.35 ng
RT: 13.237 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BG054560.D
Acq: 8 Aug 2022 19:43

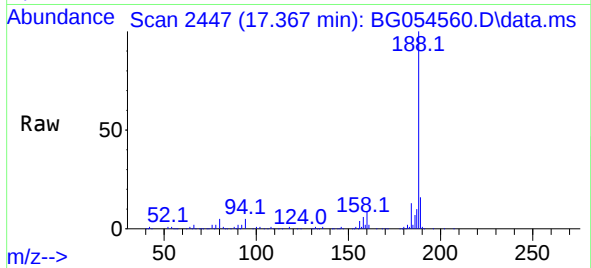
Tgt Ion:172 Resp: 310986
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.9 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.367 min Scan# 2447
Delta R.T. 0.006 min
Lab File: BG054560.D
Acq: 8 Aug 2022 19:43

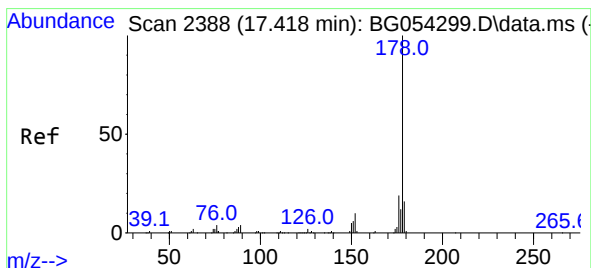
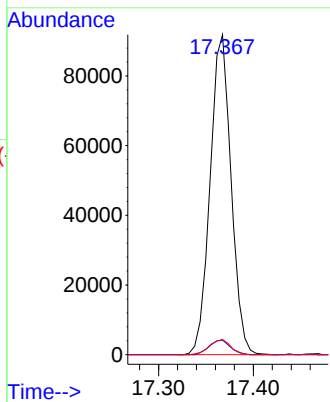
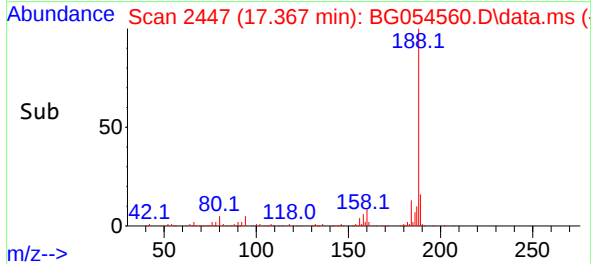
Instrument :
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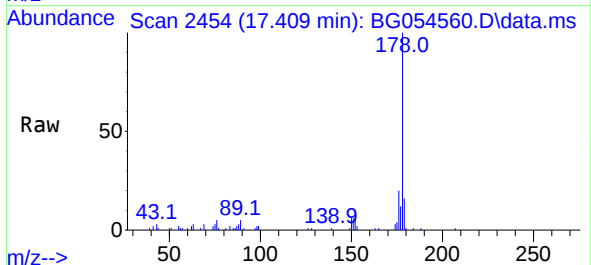
Tgt Ion:188 Resp: 141070
Ion Ratio Lower Upper
188 100
94 4.5 5.4 8.0
80 4.7 6.8 10.2

Manual Integrations
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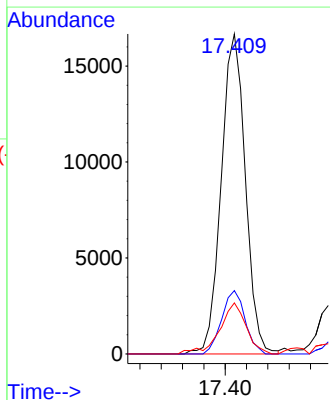
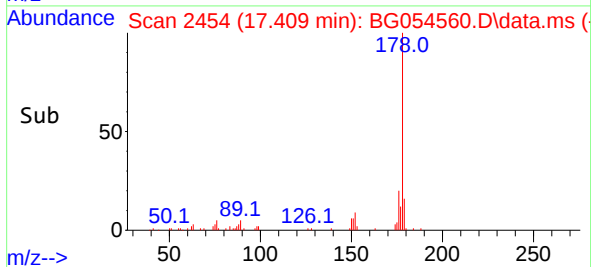
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

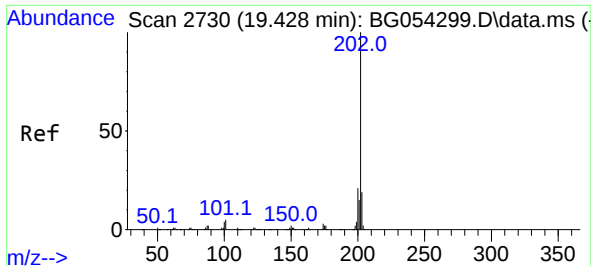


#71
Phenanthrene
Concen: 3.73 ng
RT: 17.409 min Scan# 2454
Delta R.T. 0.000 min
Lab File: BG054560.D
Acq: 8 Aug 2022 19:43



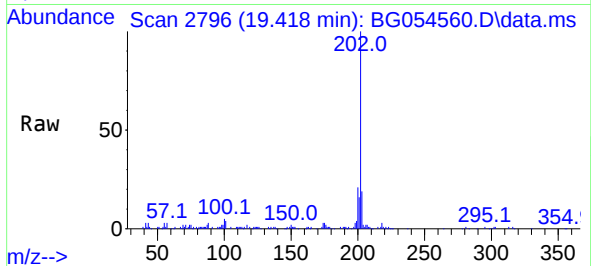
Tgt Ion:178 Resp: 26194
Ion Ratio Lower Upper
178 100
176 19.8 14.1 21.1
179 15.9 12.1 18.1





#75
Fluoranthene
Concen: 6.58 ng
RT: 19.418 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054560.D
Acq: 8 Aug 2022 19:43

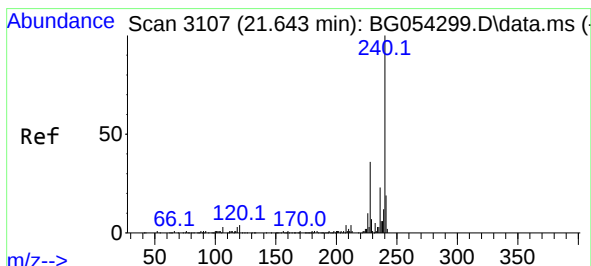
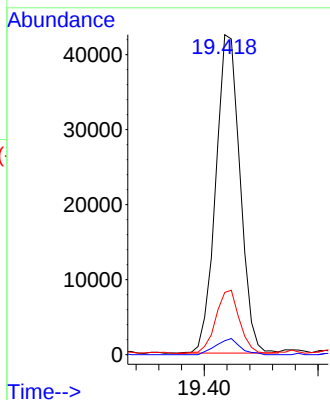
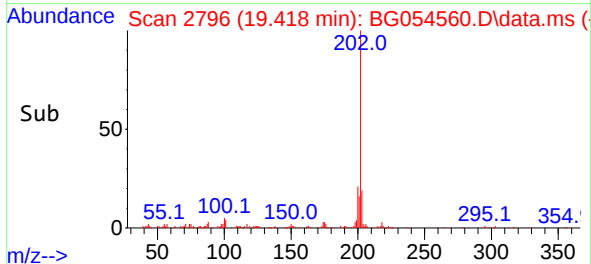
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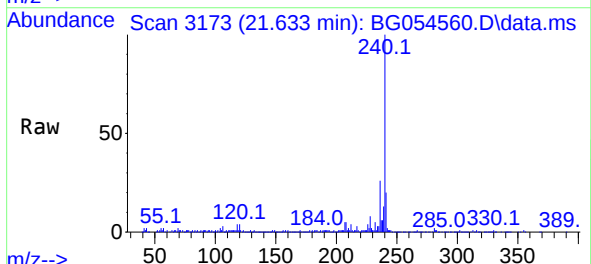
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Ion Ratio Lower Upper
202 100
101 4.3 0.0 26.9
203 19.4 0.0 37.2

Manual Integrations
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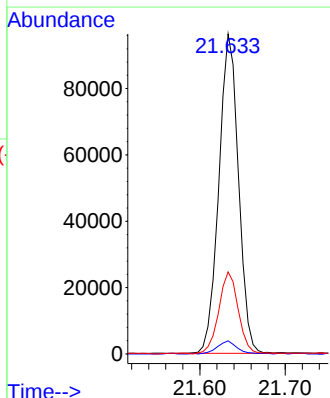
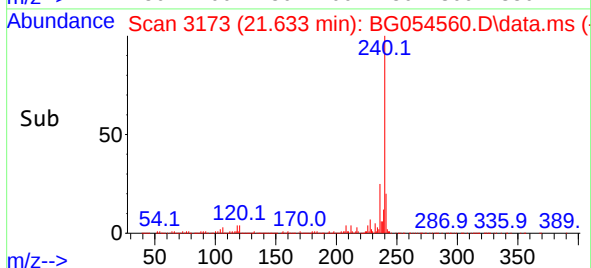
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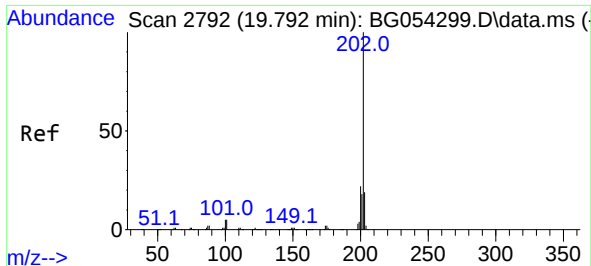


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.633 min Scan# 3173
Delta R.T. 0.000 min
Lab File: BG054560.D
Acq: 8 Aug 2022 19:43



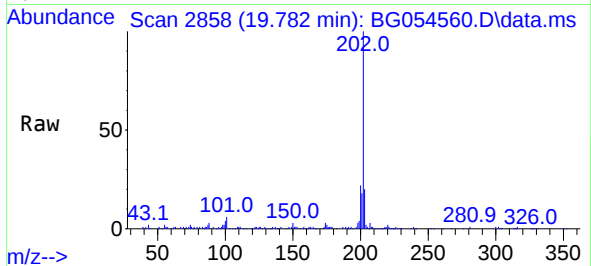
Tgt Ion:240 Resp: 154044
Ion Ratio Lower Upper
240 100
120 4.1 4.6 7.0#
236 25.6 20.2 30.4





#78
Pyrene
Concen: 8.21 ng
RT: 19.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054560.D
Acq: 8 Aug 2022 19:43

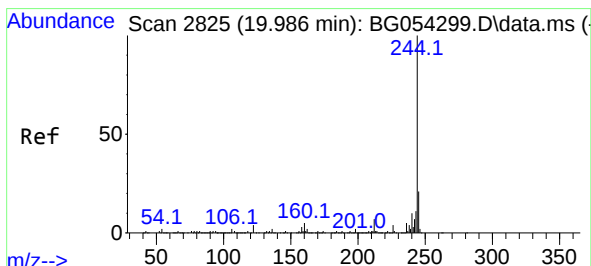
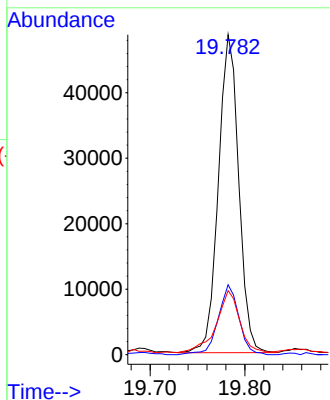
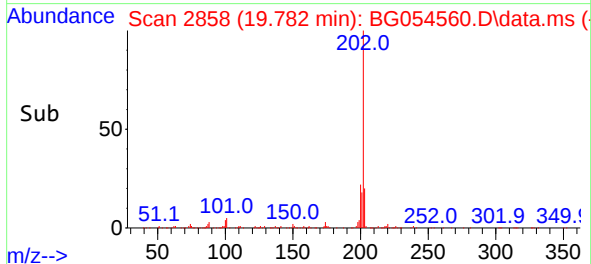
Instrument :
BNA_G
ClientSampleId :
RVE-181



Tgt Ion:202 Resp: 7252
Ion Ratio Lower Upper
202 100
200 21.9 16.6 24.8
203 20.0 14.6 21.8

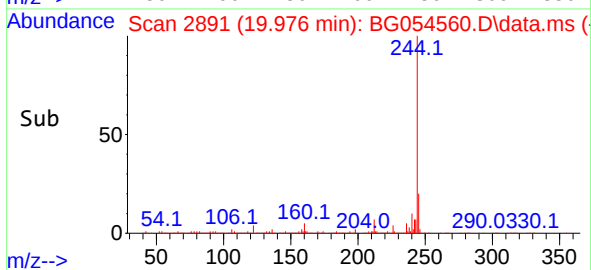
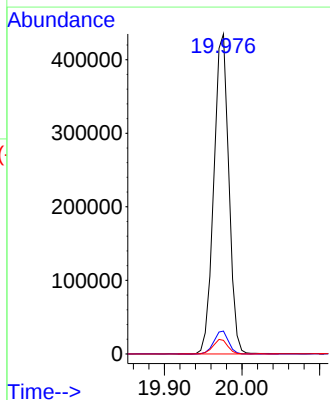
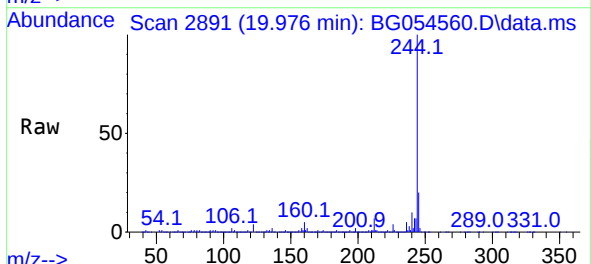
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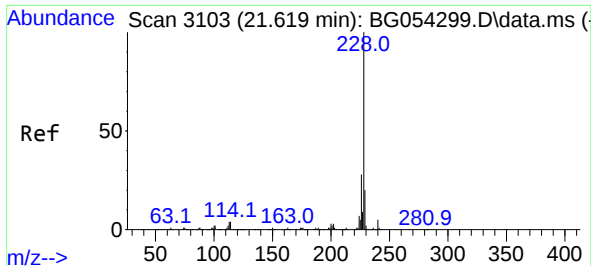
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#79
Terphenyl-d14
Concen: 75.17 ng
RT: 19.976 min Scan# 2891
Delta R.T. 0.006 min
Lab File: BG054560.D
Acq: 8 Aug 2022 19:43

Tgt Ion:244 Resp: 583721
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 4.2 5.0 7.4#





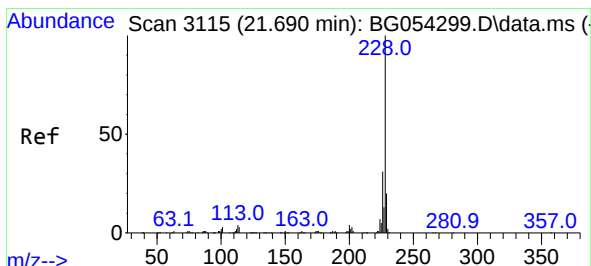
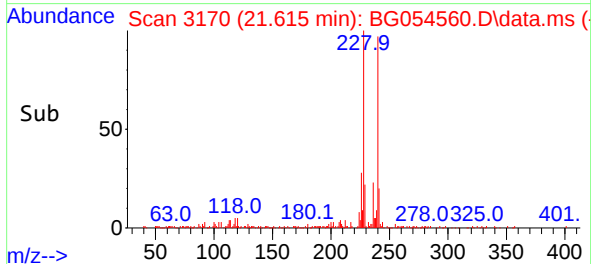
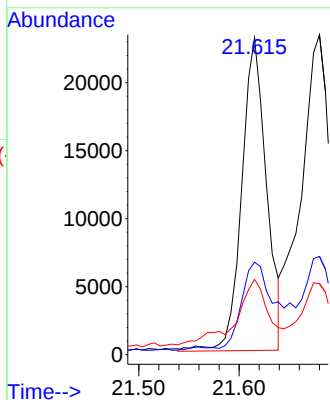
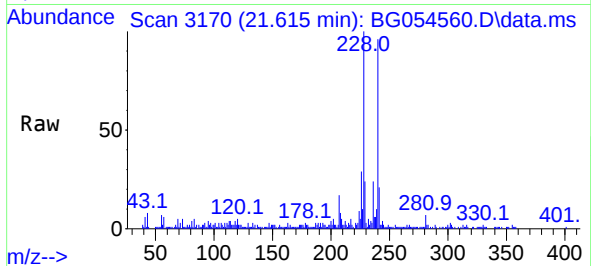
#81
Benzo(a)anthracene
Concen: 4.03 ng
RT: 21.615 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BG054560.D
Acq: 8 Aug 2022 19:43

Instrument :
BNA_G
ClientSampleId :
RVE-181

Tgt Ion:228 Resp: 3939
Ion Ratio Lower Upper
228 100
226 29.2 21.6 32.4
229 23.8 16.2 24.2

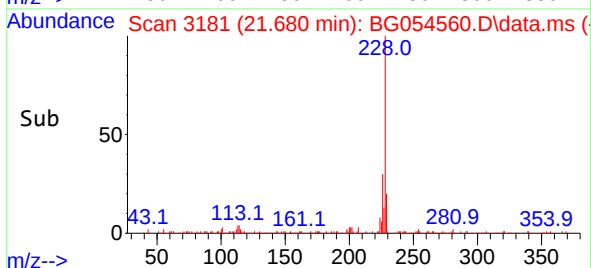
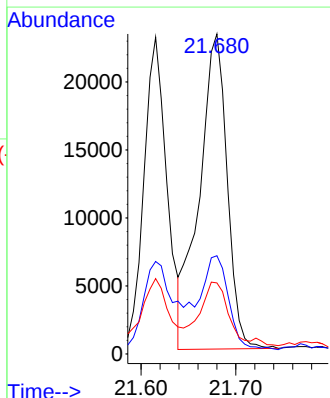
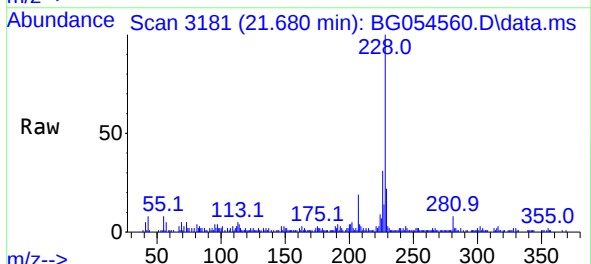
Manual Integrations
APPROVED

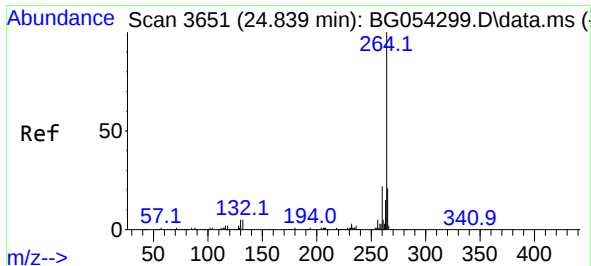
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#83
Chrysene
Concen: 5.15 ng
RT: 21.680 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BG054560.D
Acq: 8 Aug 2022 19:43

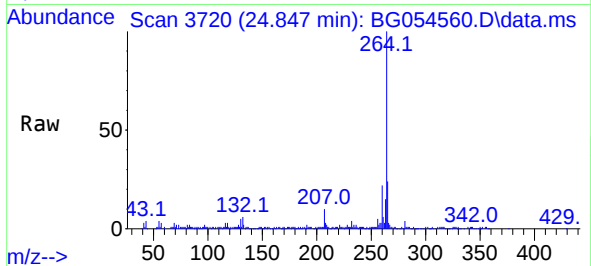
Tgt Ion:228 Resp: 47621
Ion Ratio Lower Upper
228 100
226 30.7 23.4 35.2
229 22.2 15.5 23.3





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.847 min Scan# 31
Delta R.T. 0.012 min
Lab File: BG054560.D
Acq: 8 Aug 2022 19:43

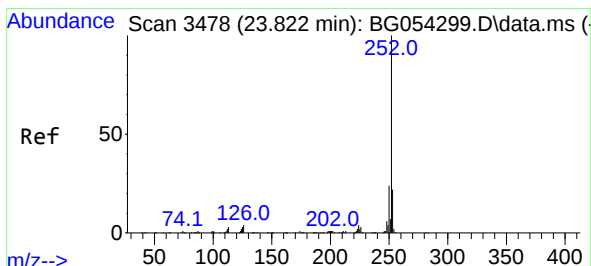
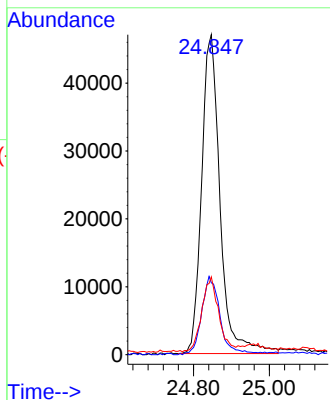
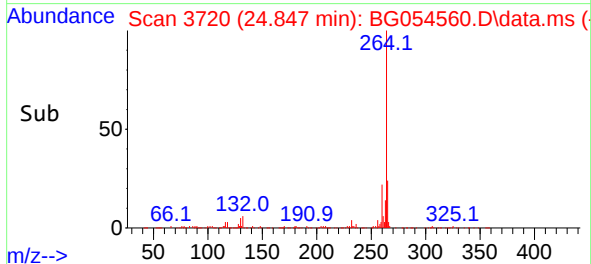
Instrument :
BNA_G
ClientSampleId :
RVE-181



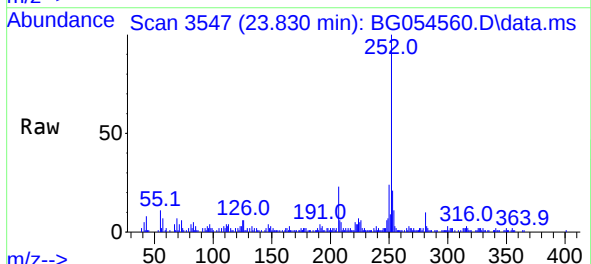
Tgt Ion:264 Resp: 15852
Ion Ratio Lower Upper
264 100
260 22.5 19.0 28.6
265 24.3 17.4 26.2

Manual Integrations
APPROVED

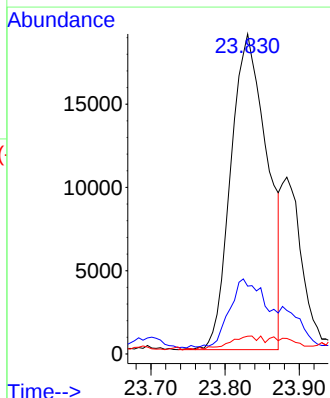
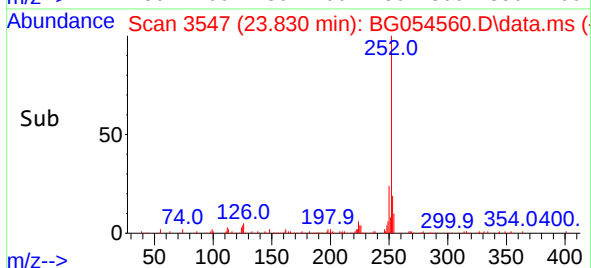
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

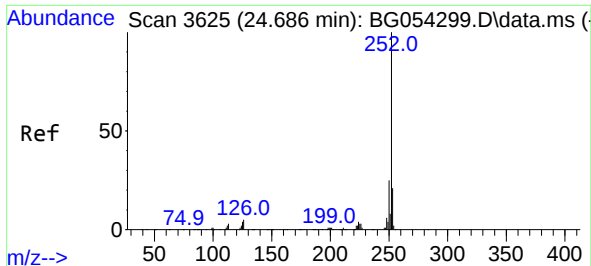


#88
Benzo(b)fluoranthene
Concen: 6.89 ng
RT: 23.830 min Scan# 3547
Delta R.T. 0.012 min
Lab File: BG054560.D
Acq: 8 Aug 2022 19:43



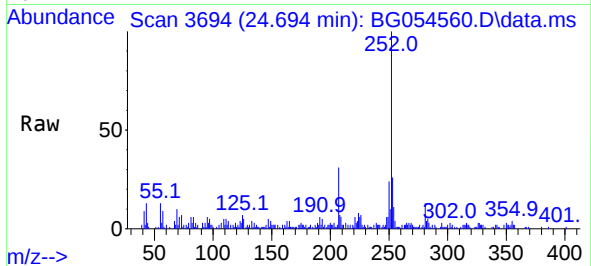
Tgt Ion:252 Resp: 64563
Ion Ratio Lower Upper
252 100
253 21.2 18.0 27.0
125 5.5 4.6 6.8





#90
Benzo(a)pyrene
Concen: 5.44 ng
RT: 24.694 min Scan# 30
Delta R.T. 0.006 min
Lab File: BG054560.D
Acq: 8 Aug 2022 19:43

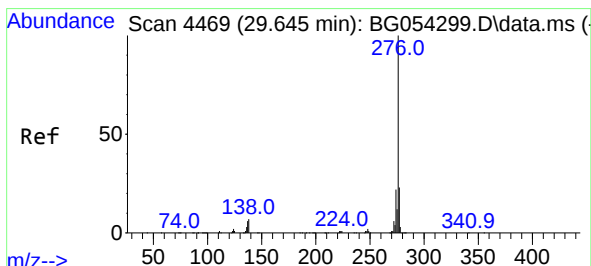
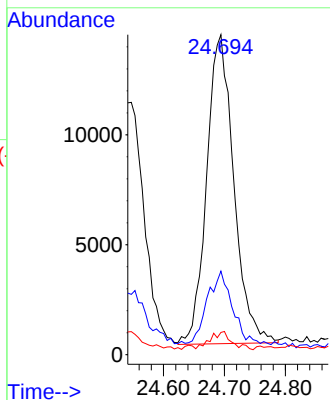
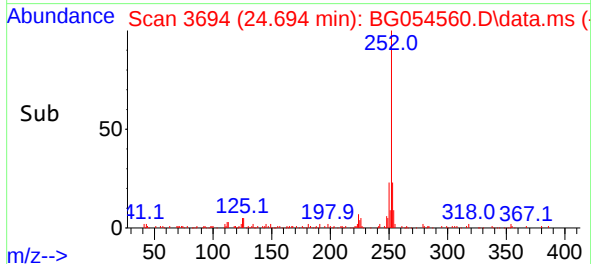
Instrument :
BNA_G
ClientSampleId :
RVE-181



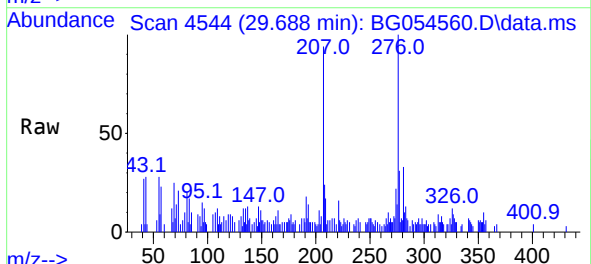
Tgt Ion:252 Resp: 43572
Ion Ratio Lower Upper
252 100
253 26.1 17.8 26.8
125 7.0 4.3 6.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#92
Benzo(g,h,i)perylene
Concen: 2.98 ng m
RT: 29.688 min Scan# 4544
Delta R.T. 0.012 min
Lab File: BG054560.D
Acq: 8 Aug 2022 19:43



Tgt Ion:276 Resp: 29168
Ion Ratio Lower Upper
276 100
277 31.0 17.3 25.9#
138 5.7 9.6 14.4#

