

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080922\
 Data File : BG054576.D
 Acq On : 9 Aug 2022 19:22
 Operator : CG/JU
 Sample : N3961-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-183

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/10/2022
 Supervised By : Jagrut Upadhyay 08/10/2022

Quant Time: Aug 10 07:14:13 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	7.975	152	20412	20.000	ng	0.00
21) Naphthalene-d8	10.784	136	80651	20.000	ng	# 0.00
39) Acenaphthene-d10	14.615	164	57221	20.000	ng	0.00
64) Phenanthrene-d10	17.364	188	137993	20.000	ng	# 0.00
76) Chrysene-d12	21.630	240	151487	20.000	ng	# 0.00
86) Perylene-d12	24.832	264	156638	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.566	112	120849	123.613	ng	0.00
7) Phenol-d6	7.182	99	160206	119.592	ng	0.00
23) Nitrobenzene-d5	9.139	82	107188	72.375	ng	0.00
42) 2,4,6-Tribromophenol	16.113	330	119792	99.708	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	270146	66.600	ng	0.00
79) Terphenyl-d14	19.967	244	441700	57.843	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.405	178	17223	2.506	ng	98
75) Fluoranthene	19.415	202	29201	3.117	ng	97
78) Pyrene	19.779	202	48189	5.544	ng	99
81) Benzo(a)anthracene	21.606	228	25060	2.606	ng	98
83) Chrysene	21.677	228	27059	2.978	ng	94
88) Benzo(b)fluoranthene	23.821	252	31720m	3.424	ng	
90) Benzo(a)pyrene	24.685	252	25750	3.255	ng	# 99

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

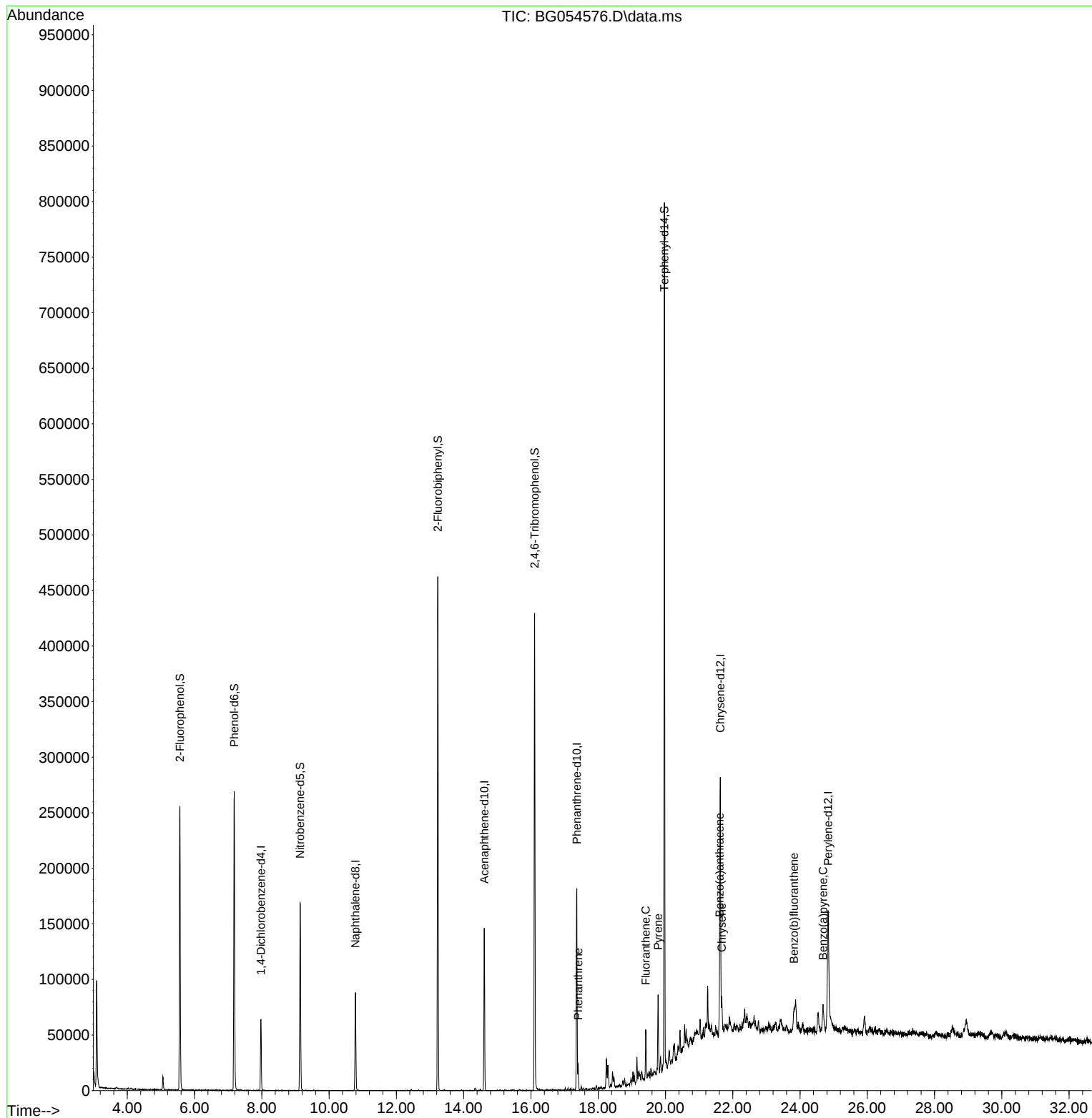
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080922\
Data File : BG054576.D
Acq On : 9 Aug 2022 19:22
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Sample : N3961-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

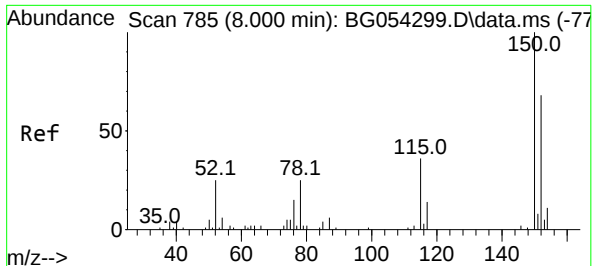
Instrument :
BNA_G
ClientSampleId :
RVE-183

Quant Time: Aug 10 07:14:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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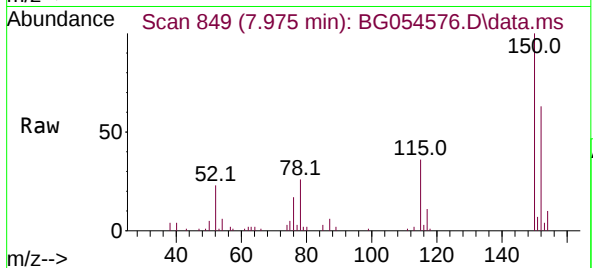
Reviewed By : Christian Giraldo 08/10/2022
Supervised By : Jagrut Upadhyay 08/10/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 84
Delta R.T. 0.003 min
Lab File: BG054576.D
Acq: 9 Aug 2022 19:22

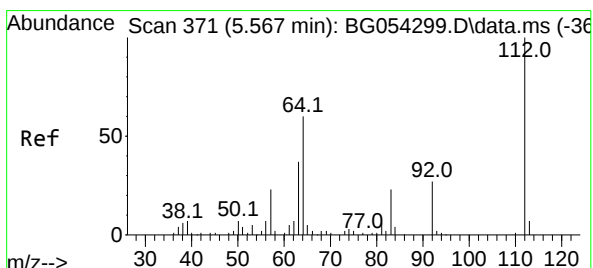
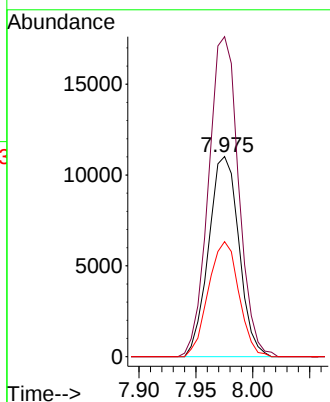
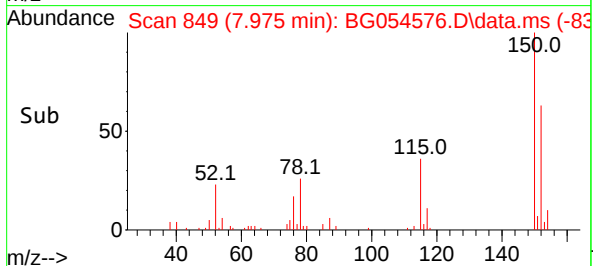
Instrument :
BNA_G
ClientSampleId :
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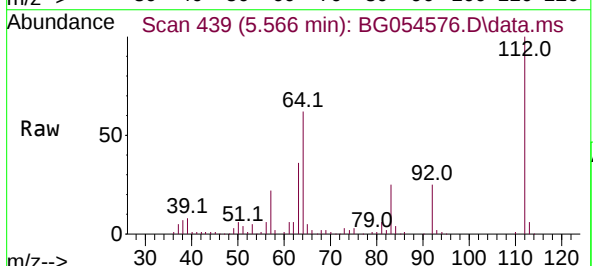
Tgt Ion:152 Resp: 20412
Ion Ratio Lower Upper
152 100
150 160.0 131.6 197.4
115 57.5 50.9 76.3

Manual Integrations
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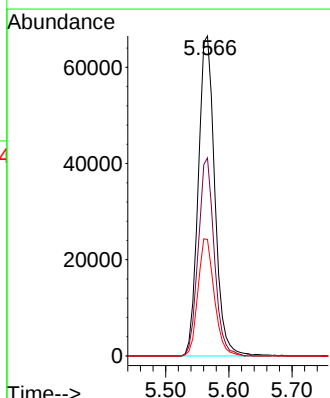
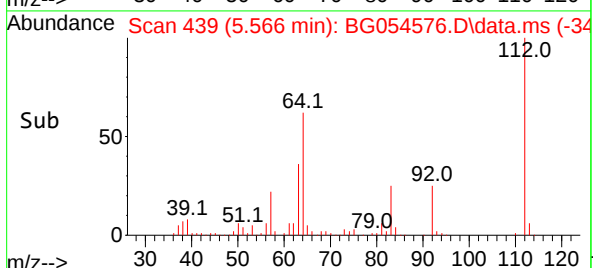
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

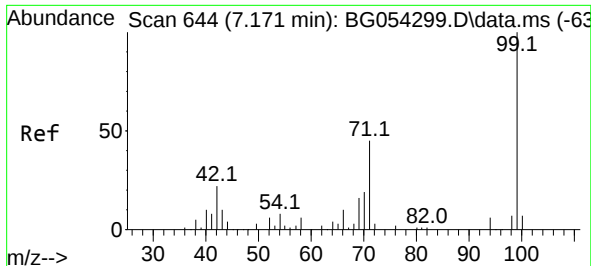


#5
2-Fluorophenol
Concen: 123.613 ng
RT: 5.566 min Scan# 439
Delta R.T. 0.003 min
Lab File: BG054576.D
Acq: 9 Aug 2022 19:22



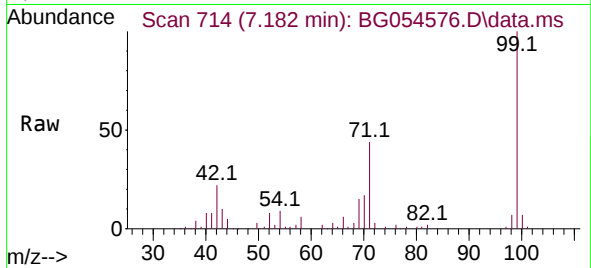
Tgt Ion:112 Resp: 120849
Ion Ratio Lower Upper
112 100
64 61.9 55.1 82.7
63 36.4 30.4 45.6





#7
Phenol-d6
Concen: 119.592 ng
RT: 7.182 min Scan# 71
Delta R.T. 0.003 min
Lab File: BG054576.D
Acq: 9 Aug 2022 19:22

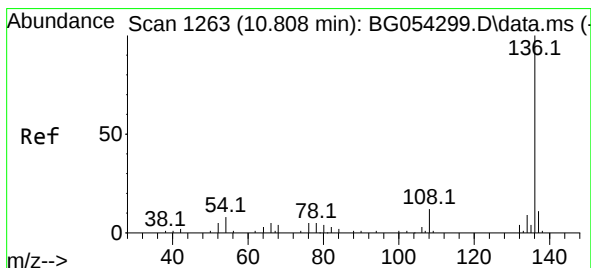
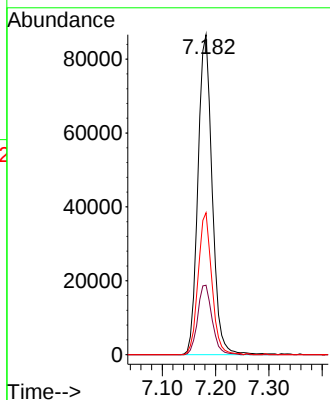
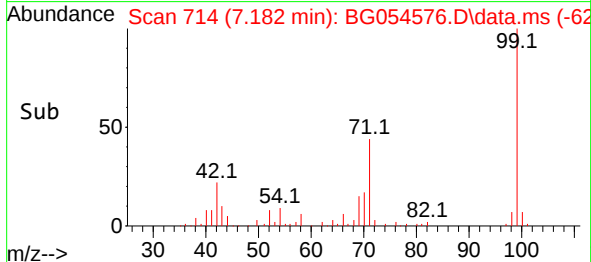
Instrument :
BNA_G
ClientSampleId :
RVE-183



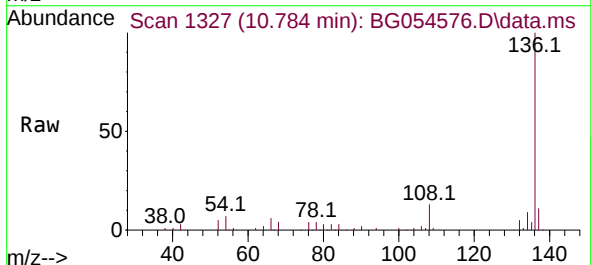
Tgt Ion: 99 Resp: 160206
Ion Ratio Lower Upper
99 100
42 21.7 17.0 25.6
71 44.3 33.8 50.8

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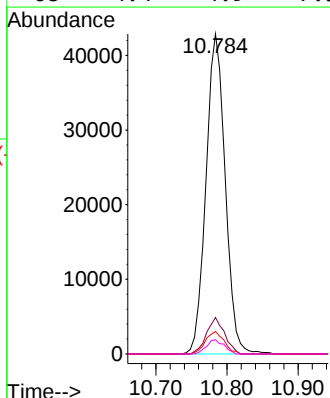
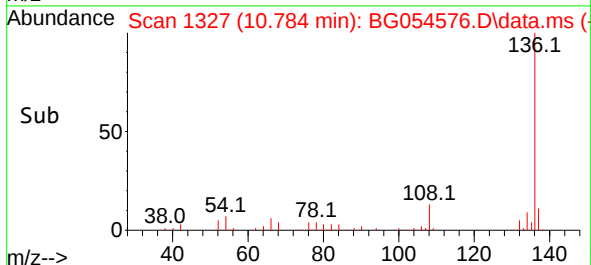
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

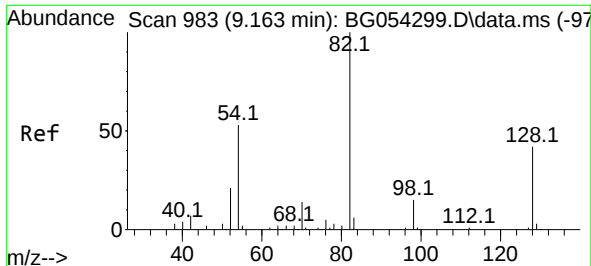


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.784 min Scan# 1327
Delta R.T. -0.003 min
Lab File: BG054576.D
Acq: 9 Aug 2022 19:22



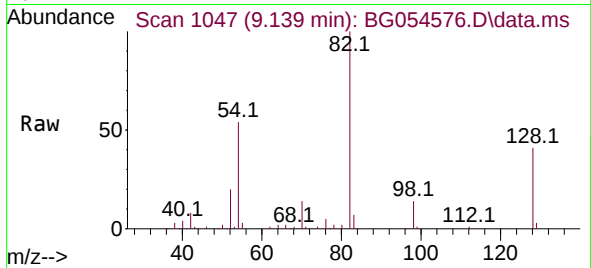
Tgt Ion:136 Resp: 80651
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 7.0 7.4 11.2#
68 4.4 4.9 7.3#





#23
Nitrobenzene-d5
Concen: 72.375 ng
RT: 9.139 min Scan# 1047
Delta R.T. -0.003 min
Lab File: BG054576.D
Acq: 9 Aug 2022 19:22

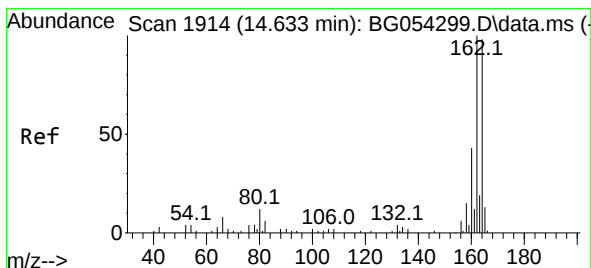
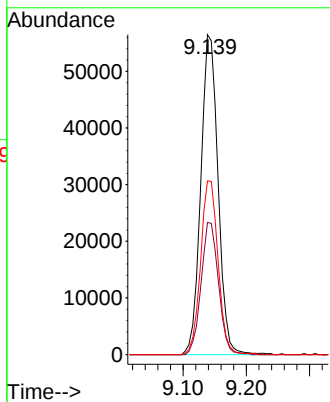
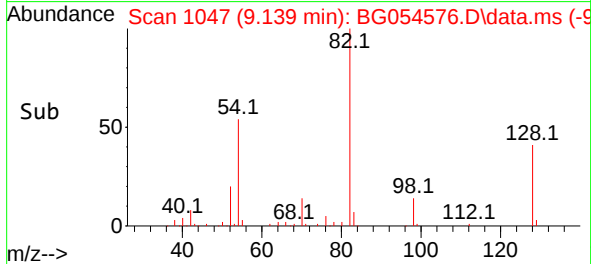
Instrument :
BNA_G
ClientSampleId :
RVE-183



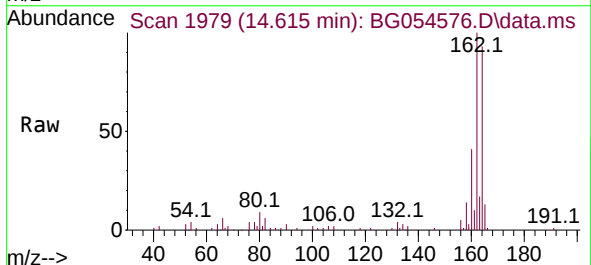
Tgt Ion: 82 Resp: 107188
Ion Ratio Lower Upper
82 100
128 41.3 27.9 41.9
54 54.3 41.2 61.8

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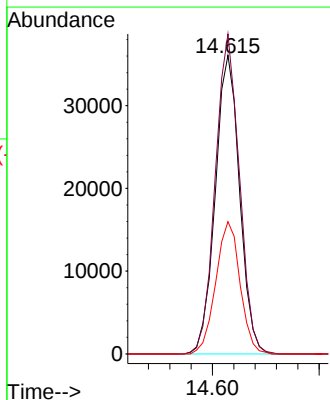
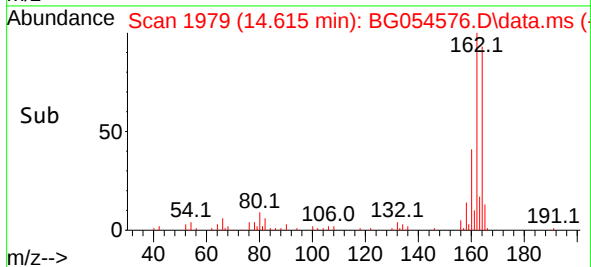
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

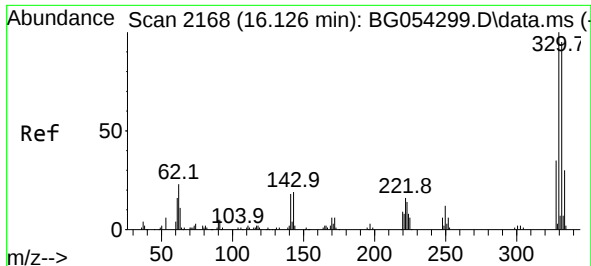


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.615 min Scan# 1979
Delta R.T. -0.003 min
Lab File: BG054576.D
Acq: 9 Aug 2022 19:22



Tgt Ion:164 Resp: 57221
Ion Ratio Lower Upper
164 100
162 107.1 82.3 123.5
160 44.3 34.2 51.2





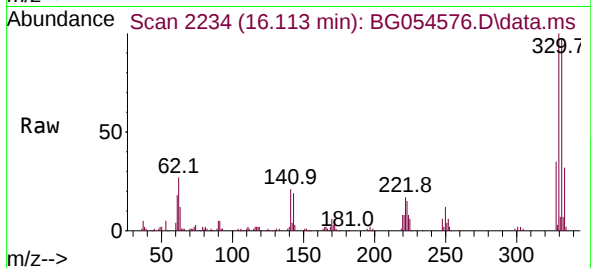
#42
2,4,6-Tribromophenol
Concen: 99.708 ng
RT: 16.113 min Scan# 2168
Delta R.T. -0.003 min
Lab File: BG054576.D
Acq: 9 Aug 2022 19:22

Instrument :

BNA_G

ClientSampleId :

RVE-183

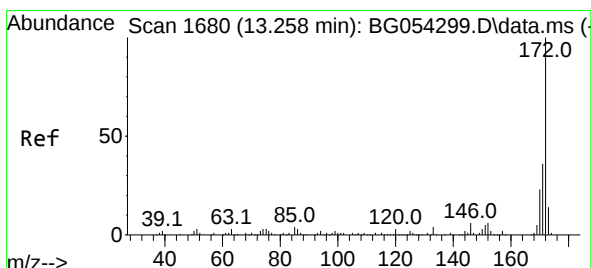
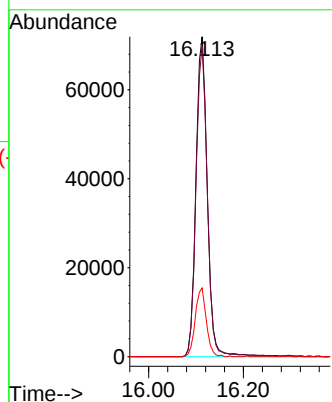
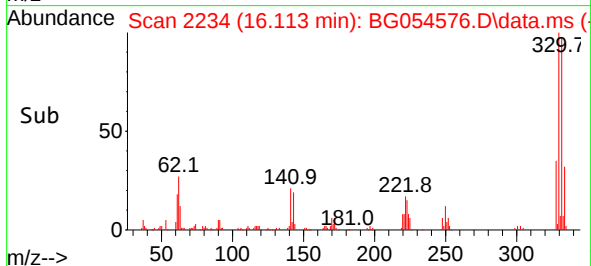


Tgt Ion:330 Resp: 119792
Ion Ratio Lower Upper
330 100
332 97.0 76.0 114.0
141 20.9 27.1 40.7

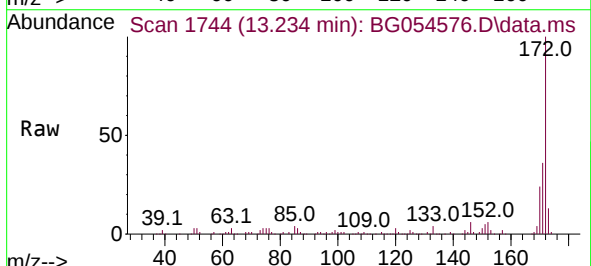
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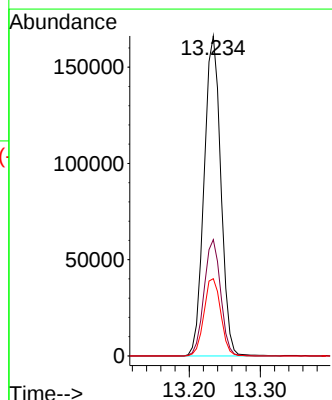
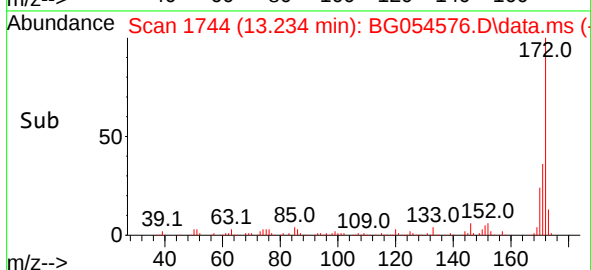
Reviewed By :Christian Giraldo 08/10/2022
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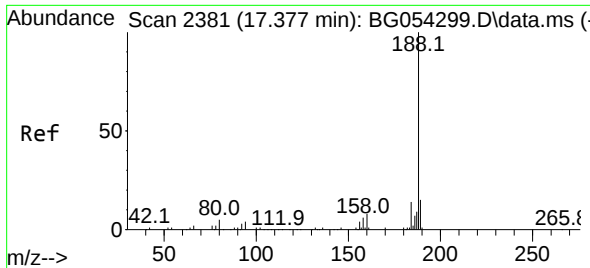


#45
2-Fluorobiphenyl
Concen: 66.600 ng
RT: 13.234 min Scan# 1744
Delta R.T. -0.003 min
Lab File: BG054576.D
Acq: 9 Aug 2022 19:22



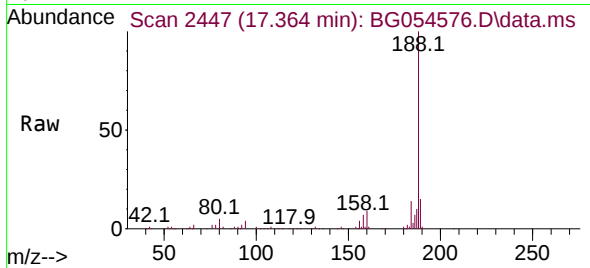
Tgt Ion:172 Resp: 270146
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 24.1 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.364 min Scan# 2447
Delta R.T. 0.003 min
Lab File: BG054576.D
Acq: 9 Aug 2022 19:22

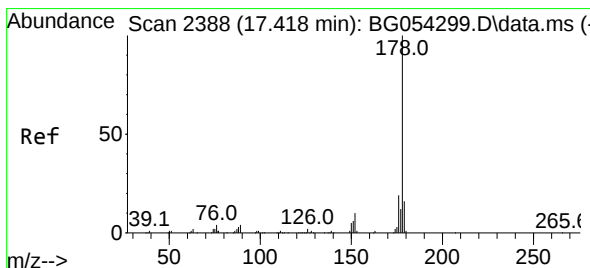
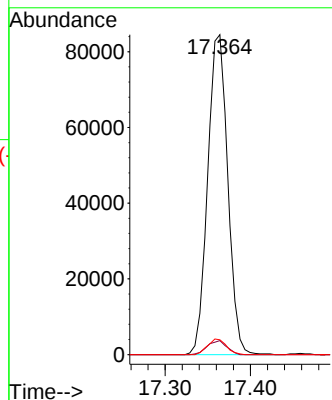
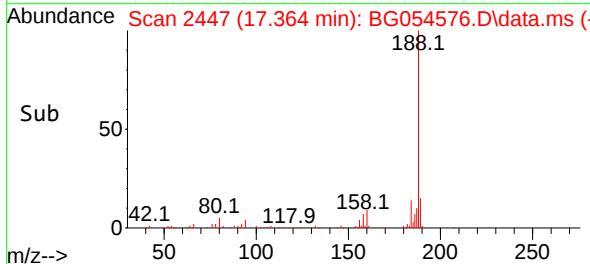
Instrument :
BNA_G
ClientSampleId :
RVE-183



Tgt Ion:188 Resp: 137993
Ion Ratio Lower Upper
188 100
94 4.4 5.4 8.0
80 4.6 6.8 10.2

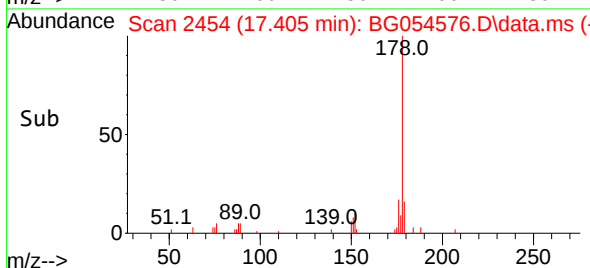
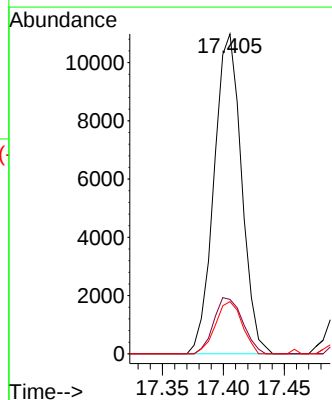
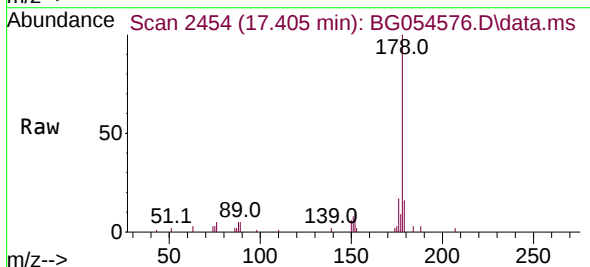
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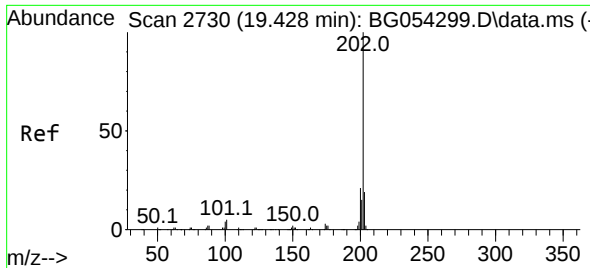
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#71
Phenanthrene
Concen: 2.506 ng
RT: 17.405 min Scan# 2454
Delta R.T. -0.003 min
Lab File: BG054576.D
Acq: 9 Aug 2022 19:22

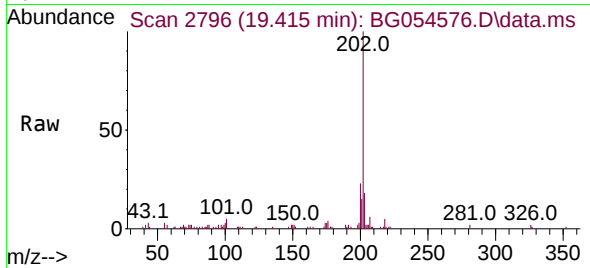
Tgt Ion:178 Resp: 17223
Ion Ratio Lower Upper
178 100
176 17.0 14.1 21.1
179 16.3 12.1 18.1





#75
Fluoranthene
Concen: 3.117 ng
RT: 19.415 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG054576.D
Acq: 9 Aug 2022 19:22

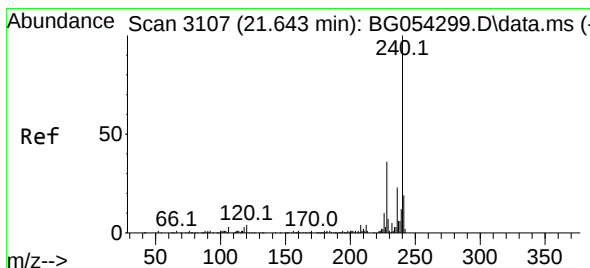
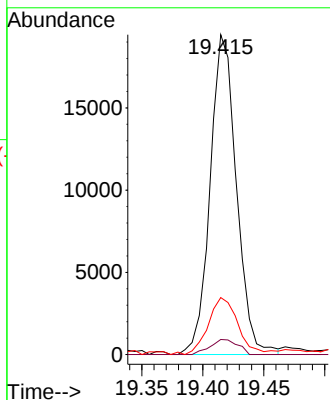
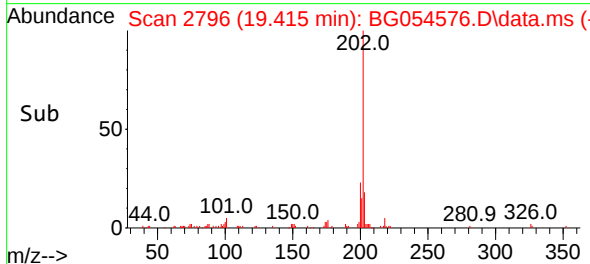
Instrument :
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Tgt Ion:202 Resp: 29201
Ion Ratio Lower Upper
202 100
101 4.7 0.0 26.9
203 17.8 0.0 37.2

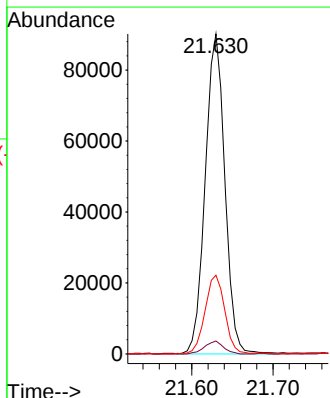
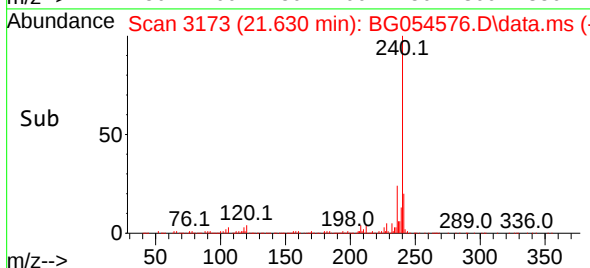
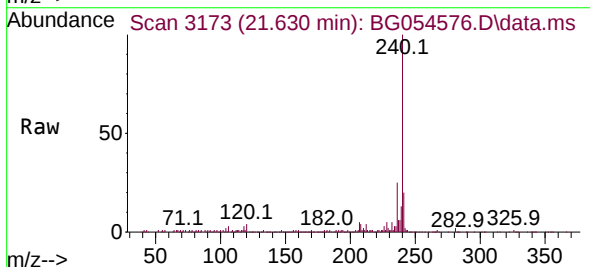
Manual Integrations
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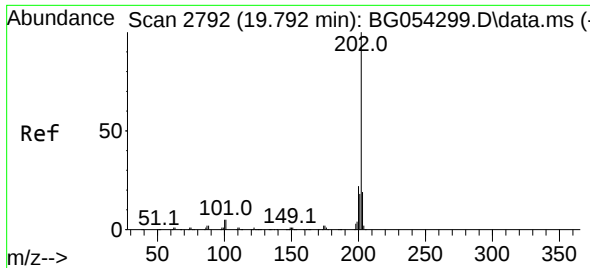
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3173
Delta R.T. -0.003 min
Lab File: BG054576.D
Acq: 9 Aug 2022 19:22

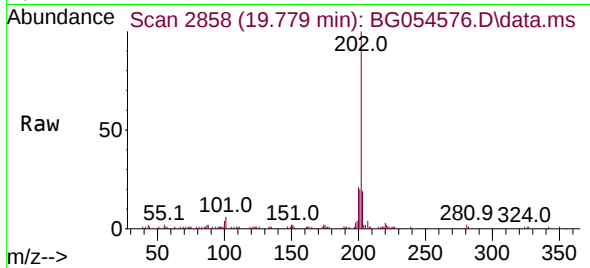
Tgt Ion:240 Resp: 151487
Ion Ratio Lower Upper
240 100
120 4.0 4.6 7.0#
236 24.6 20.2 30.4





#78
Pyrene
Concen: 5.544 ng
RT: 19.779 min Scan# 2858
Delta R.T. -0.003 min
Lab File: BG054576.D
Acq: 9 Aug 2022 19:22

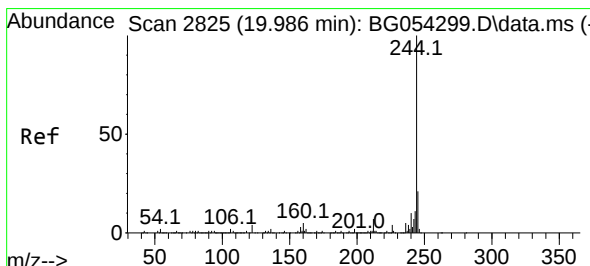
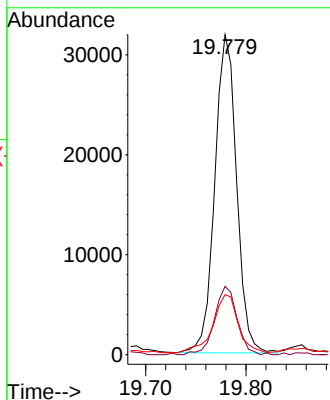
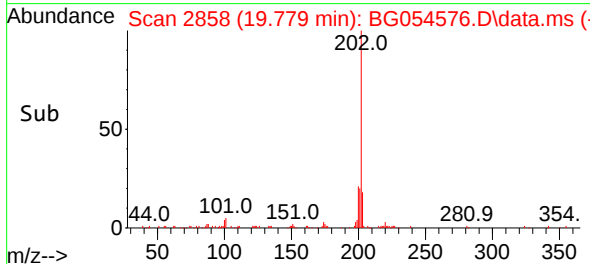
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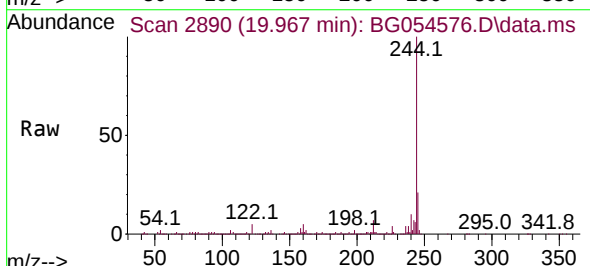
Tgt Ion:202 Resp: 48189
Ion Ratio Lower Upper
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200 21.3 16.6 24.8
203 18.7 14.6 21.8

Manual Integrations
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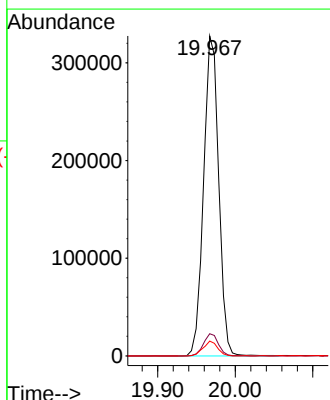
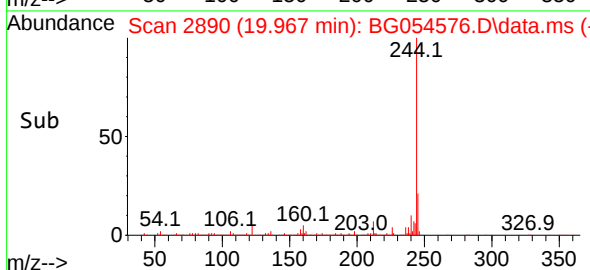
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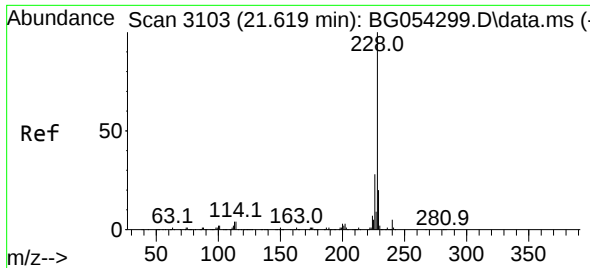


#79
Terphenyl-d14
Concen: 57.843 ng
RT: 19.967 min Scan# 2890
Delta R.T. -0.003 min
Lab File: BG054576.D
Acq: 9 Aug 2022 19:22



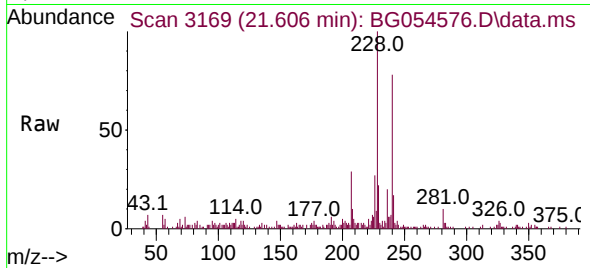
Tgt Ion:244 Resp: 441700
Ion Ratio Lower Upper
244 100
212 6.9 6.5 9.7
122 4.6 5.0 7.4





#81
Benzo(a)anthracene
Concen: 2.606 ng
RT: 21.606 min Scan# 3106
Delta R.T. -0.009 min
Lab File: BG054576.D
Acq: 9 Aug 2022 19:22

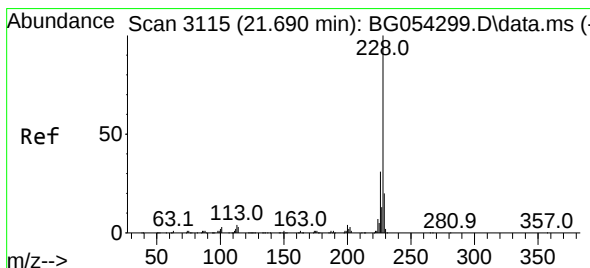
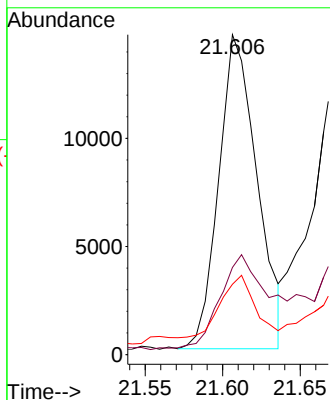
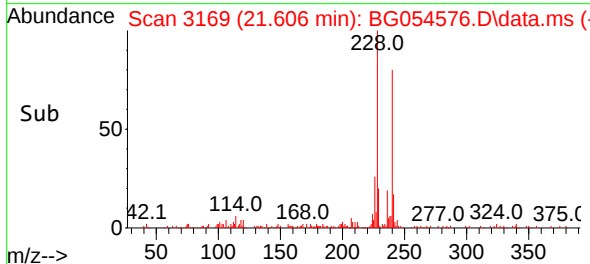
Instrument :
BNA_G
ClientSampleId :
RVE-183



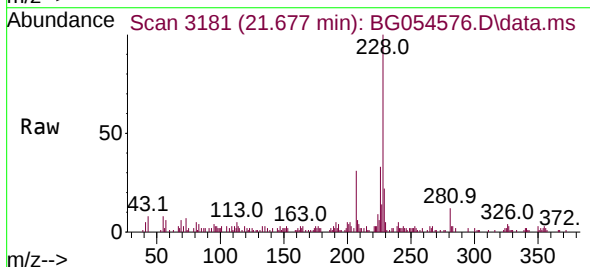
Tgt Ion:228 Resp: 25060
Ion Ratio Lower Upper
228 100
226 27.2 21.6 32.4
229 22.0 16.2 24.2

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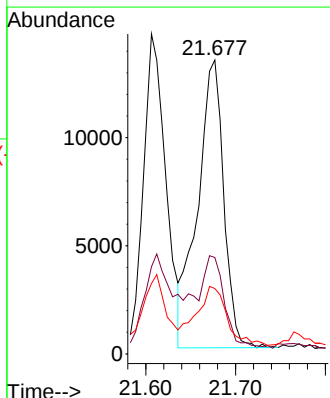
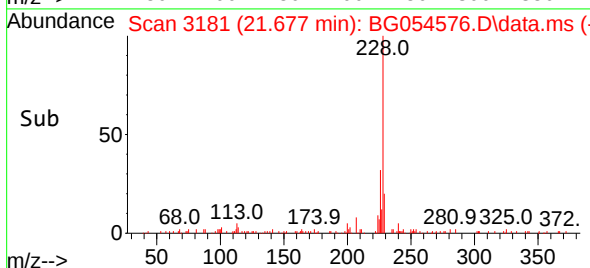
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

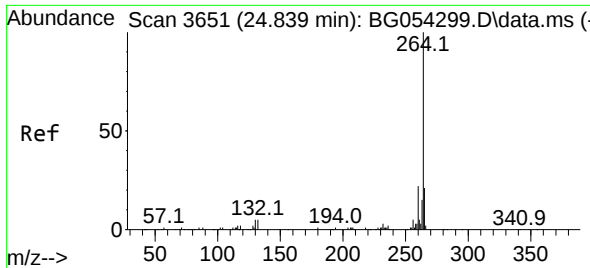


#83
Chrysene
Concen: 2.978 ng
RT: 21.677 min Scan# 3181
Delta R.T. -0.003 min
Lab File: BG054576.D
Acq: 9 Aug 2022 19:22



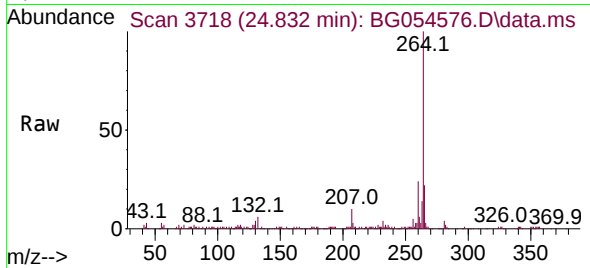
Tgt Ion:228 Resp: 27059
Ion Ratio Lower Upper
228 100
226 32.8 23.4 35.2
229 22.3 15.5 23.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.832 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG054576.D
Acq: 9 Aug 2022 19:22

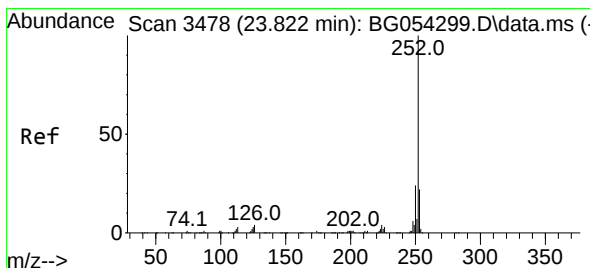
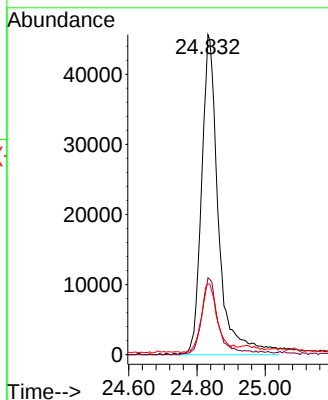
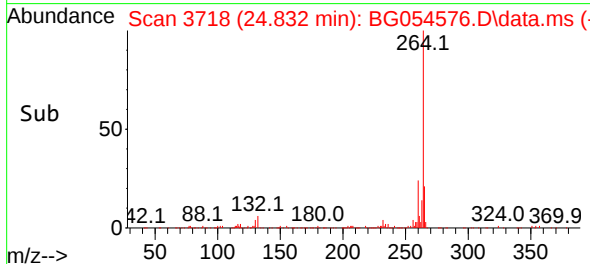
Instrument :
BNA_G
ClientSampleId :
RVE-183



Tgt Ion:264 Resp: 156638
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 22.1 17.4 26.2

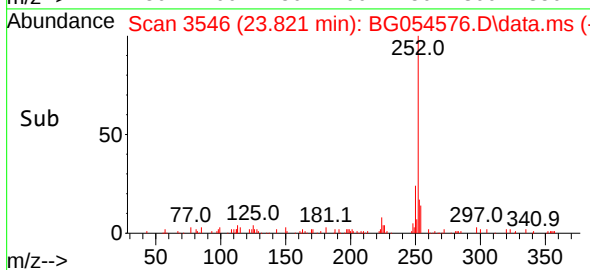
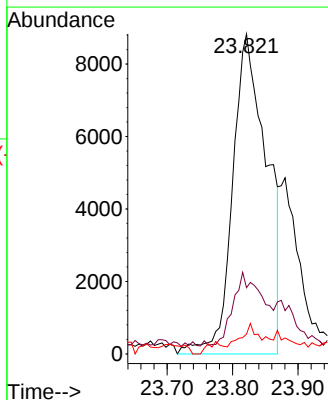
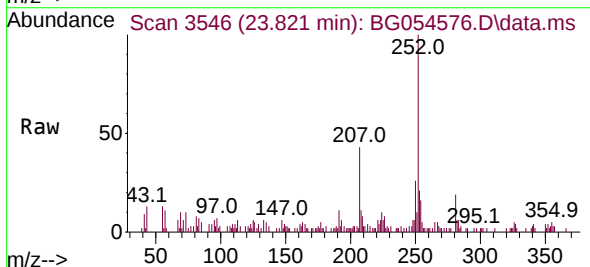
Manual Integrations
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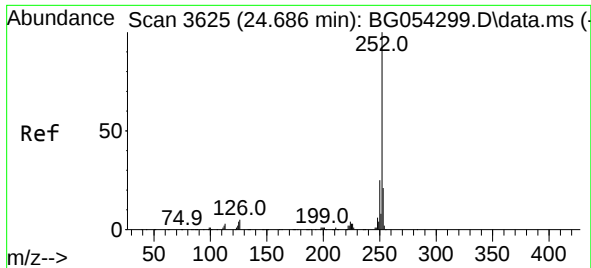
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#88
Benzo(b)fluoranthene
Concen: 3.424 ng m
RT: 23.821 min Scan# 3546
Delta R.T. 0.003 min
Lab File: BG054576.D
Acq: 9 Aug 2022 19:22

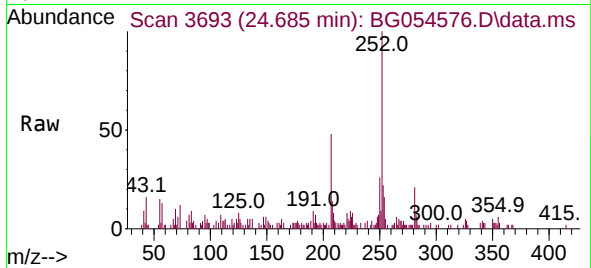
Tgt Ion:252 Resp: 31720
Ion Ratio Lower Upper
252 100
253 20.7 18.0 27.0
125 6.2 4.6 6.8





#90
 Benzo(a)pyrene
 Concen: 3.255 ng
 RT: 24.685 min Scan# 3693
 Delta R.T. -0.003 min
 Lab File: BG054576.D
 Acq: 9 Aug 2022 19:22

Instrument :
 BNA_G
 ClientSampleId :
 RVE-183



Tgt Ion:252 Resp: 25750
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.8 26.8
 125 7.7 4.3 6.5

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 08/10/2022
 Supervised By :Jagrut Upadhyay 08/10/2022

