

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080422\
 Data File : BG054526.D
 Acq On : 4 Aug 2022 19:54
 Operator : CG/JU
 Sample : N3927-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-85

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/05/2022
 Supervised By : Jagrut Upadhyay 08/05/2022

Quant Time: Aug 05 05:03:12 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	7.985	152	20405	20.000	ng	0.00
21) Naphthalene-d8	10.793	136	77345	20.000	ng	# 0.00
39) Acenaphthene-d10	14.624	164	56549	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	127477	20.000	ng	# 0.00
76) Chrysene-d12	21.639	240	136339	20.000	ng	# 0.00
86) Perylene-d12	24.853	264	121335	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.570	112	128824	131.816	ng	0.00
7) Phenol-d6	7.186	99	174666	130.431	ng	0.01
23) Nitrobenzene-d5	9.148	82	114337	80.502	ng	0.00
42) 2,4,6-Tribromophenol	16.122	330	136062	114.596	ng	0.00
45) 2-Fluorobiphenyl	13.243	172	323112	80.605	ng	0.00
79) Terphenyl-d14	19.977	244	529309	77.017	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.409	178	18566	2.925	ng	95
75) Fluoranthene	19.424	202	36959	4.271	ng	94
78) Pyrene	19.789	202	52942	6.767	ng	99
81) Benzo(a)anthracene	21.622	228	26020	3.006	ng	97
83) Chrysene	21.681	228	29190m	3.570	ng	
84) Bis(2-ethylhexyl)phtha...	21.504	149	16403	4.755	ng	# 88
85) Di-n-octyl phthalate	22.715	149	15410	2.618	ng	# 92
88) Benzo(b)fluoranthene	23.831	252	28391m	3.957	ng	
90) Benzo(a)pyrene	24.706	252	20503	3.346	ng	# 84

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

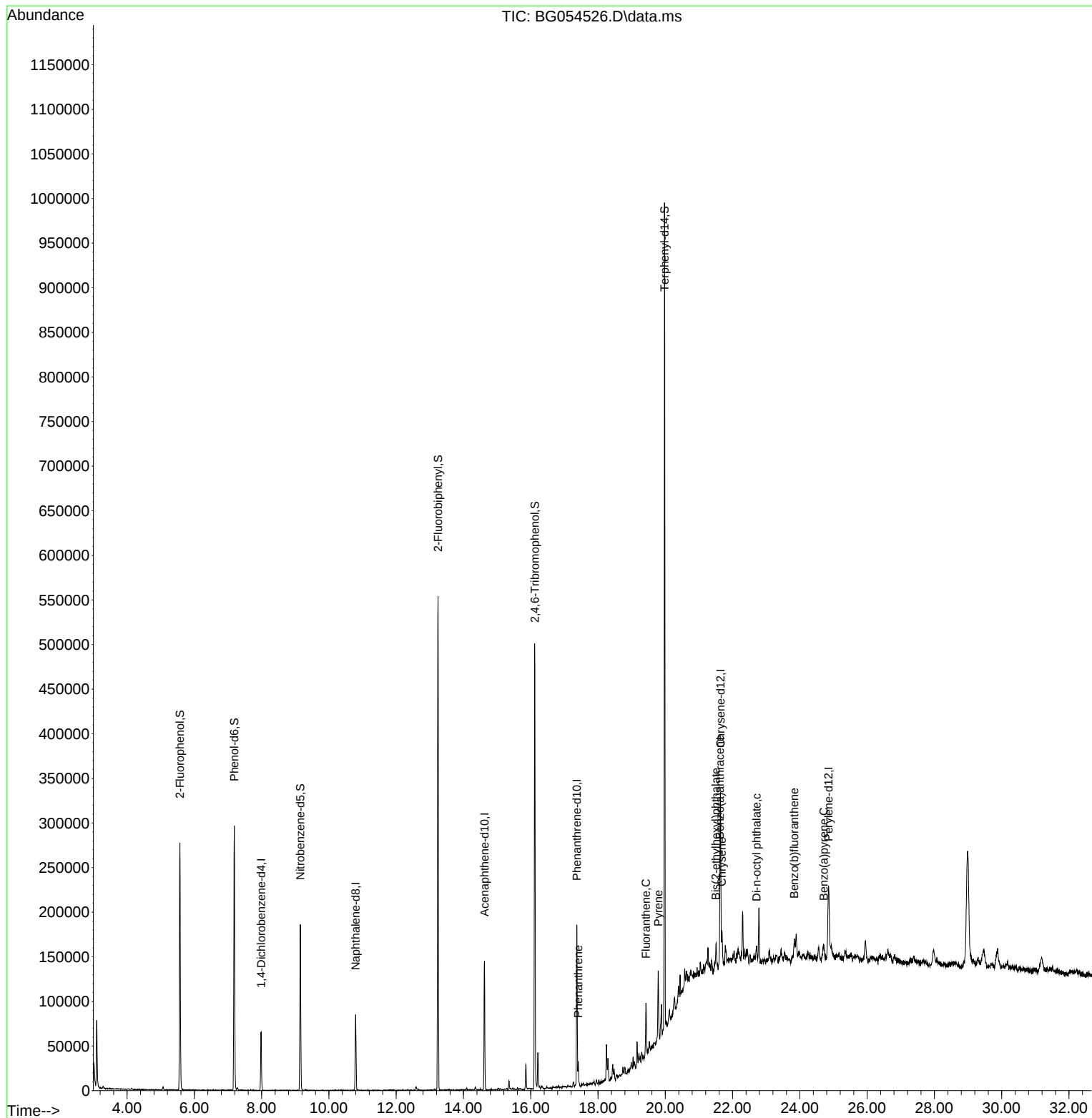
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080422\
Data File : BG054526.D
Acq On : 4 Aug 2022 19:54
Operator : CG/JU
Sample : N3927-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

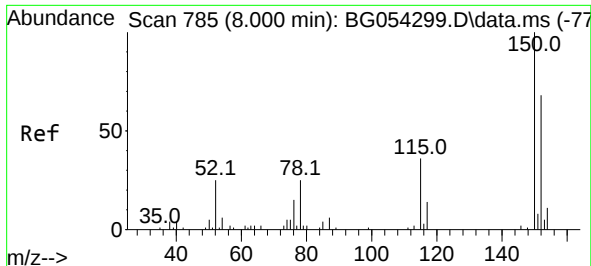
Instrument :
BNA_G
ClientSampleId :
RVE-85

Quant Time: Aug 05 05:03:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
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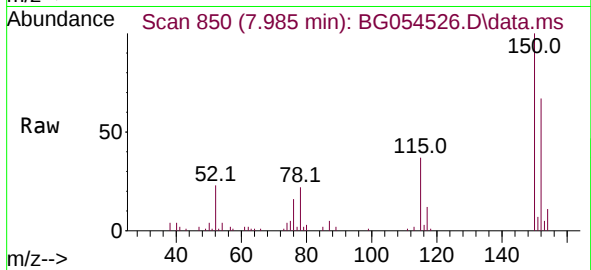
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.985 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

Instrument :

BNA_G

ClientSampleId :

RVE-85

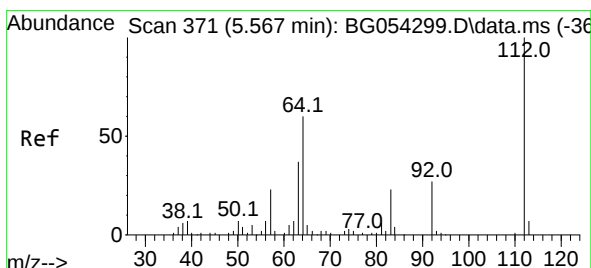
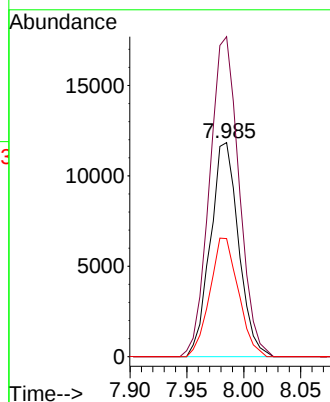
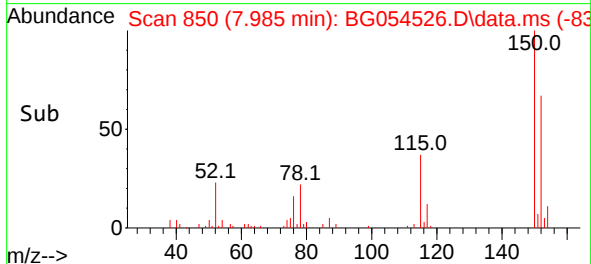


Tgt Ion:152 Resp: 20405
Ion Ratio Lower Upper
152 100
150 149.6 131.6 197.4
115 55.2 50.9 76.3

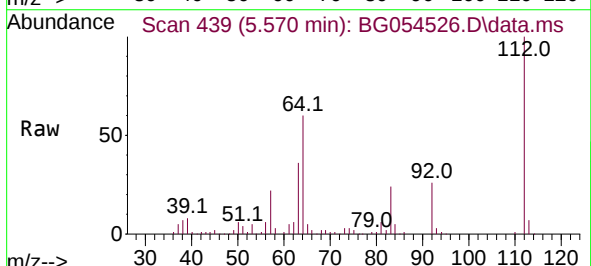
Manual Integrations

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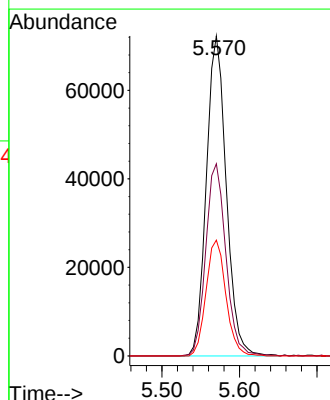
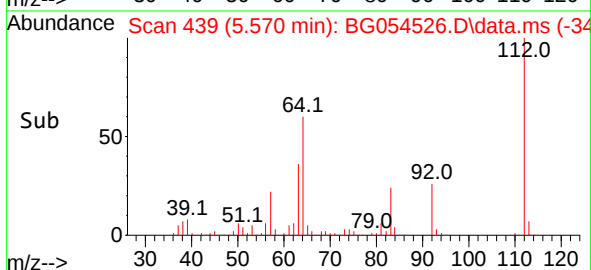
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

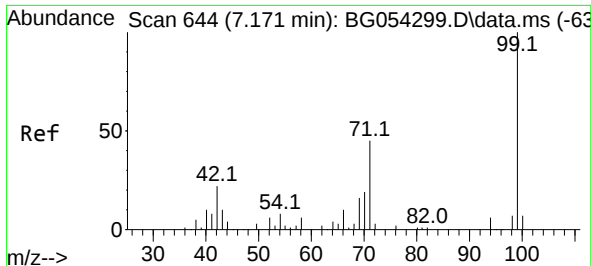


#5
2-Fluorophenol
Concen: 131.816 ng
RT: 5.570 min Scan# 439
Delta R.T. 0.008 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54



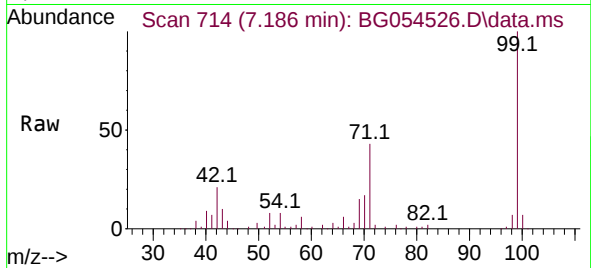
Tgt Ion:112 Resp: 128824
Ion Ratio Lower Upper
112 100
64 60.0 55.1 82.7
63 36.2 30.4 45.6





#7
Phenol-d6
Concen: 130.431 ng
RT: 7.186 min Scan# 71
Delta R.T. 0.014 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

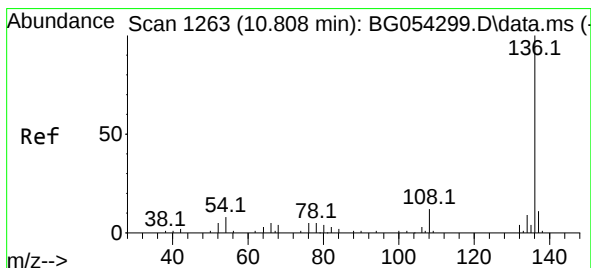
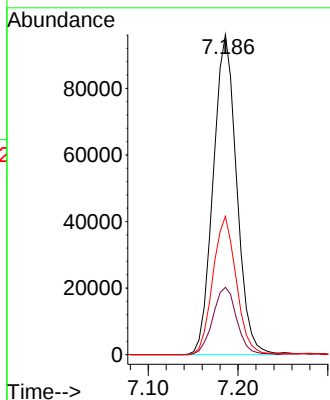
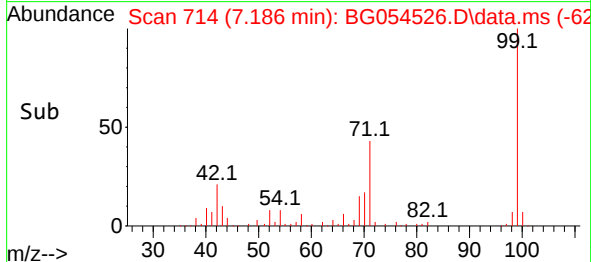
Instrument :
BNA_G
ClientSampleId :
RVE-85



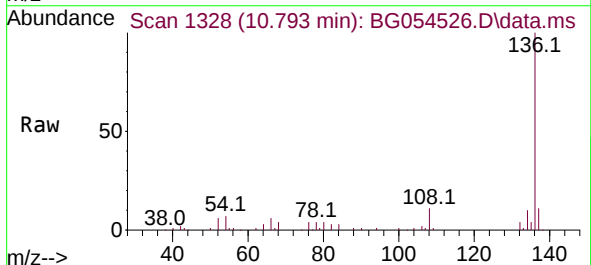
Tgt Ion: 99 Resp: 174666
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 43.2 33.8 50.8

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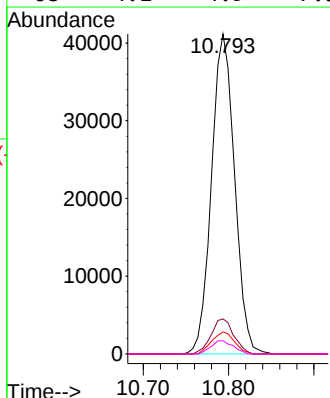
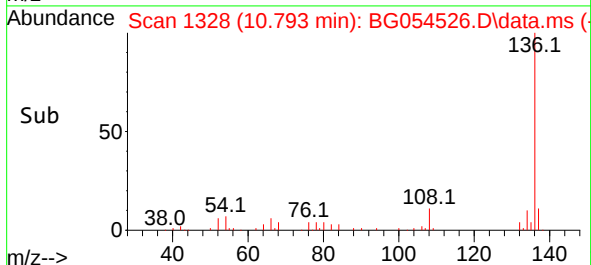
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.793 min Scan# 1328
Delta R.T. -0.003 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54



Tgt Ion:136 Resp: 77345
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 6.9 7.4 11.2#
68 4.1 4.9 7.3#





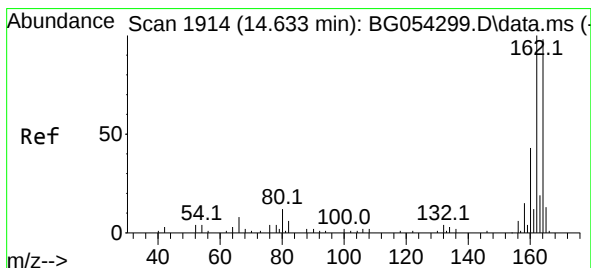
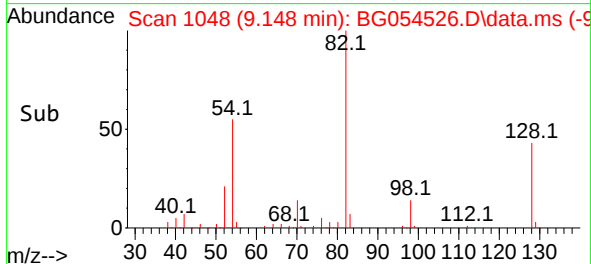
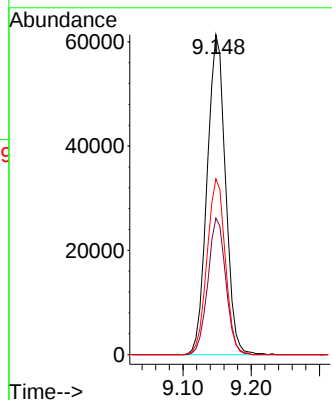
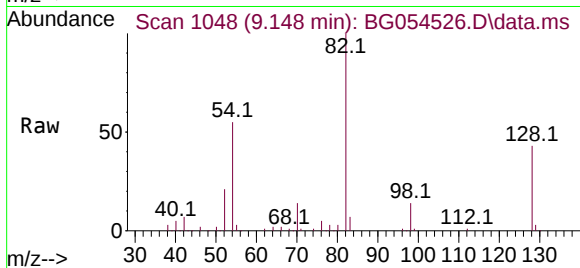
#23
Nitrobenzene-d5
Concen: 80.502 ng
RT: 9.148 min Scan# 10
Delta R.T. -0.003 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

Instrument :
BNA_G
ClientSampleId :
RVE-85

Tgt Ion: 82 Resp: 11433
Ion Ratio Lower Upper
82 100
128 42.6 27.9 41.9
54 54.9 41.2 61.8

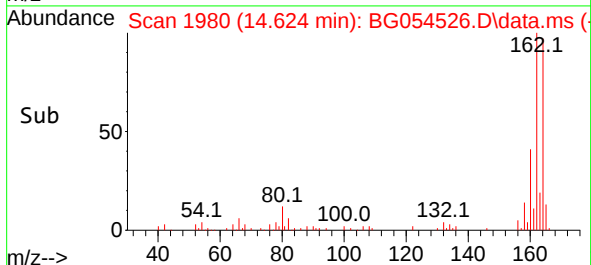
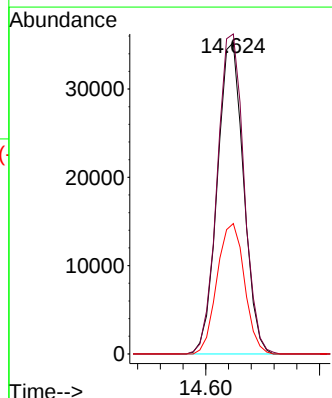
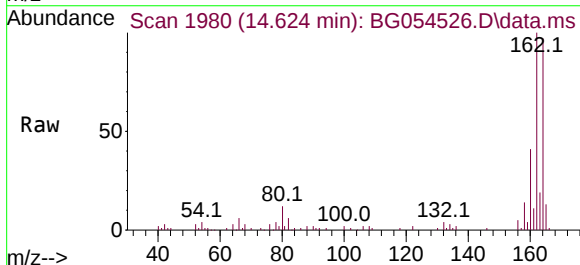
Manual Integrations
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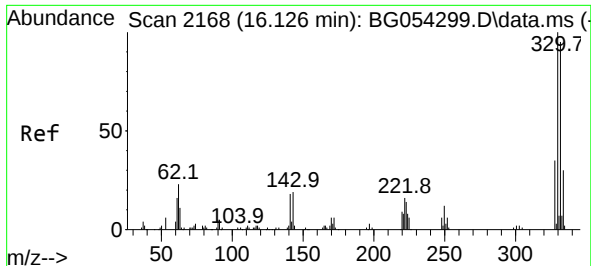
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.624 min Scan# 1980
Delta R.T. 0.002 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

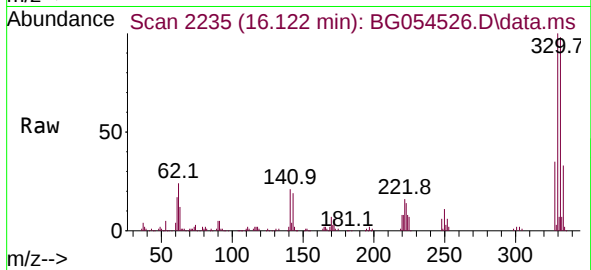
Tgt Ion:164 Resp: 56549
Ion Ratio Lower Upper
164 100
162 102.8 82.3 123.5
160 41.9 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 114.596 ng
RT: 16.122 min Scan# 2168
Delta R.T. 0.008 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

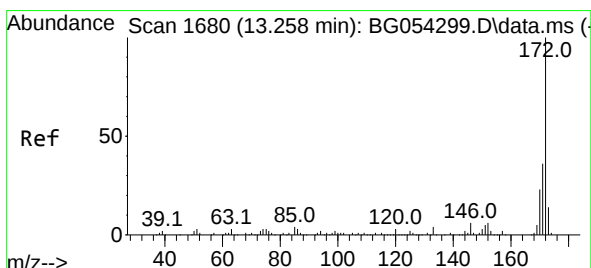
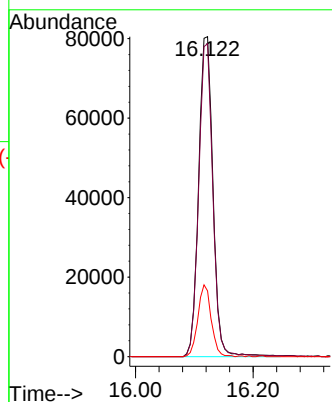
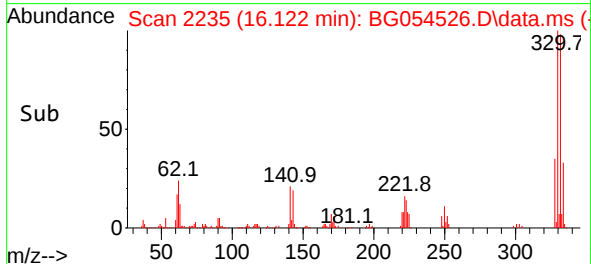
Instrument :
BNA_G
ClientSampleId :
RVE-85



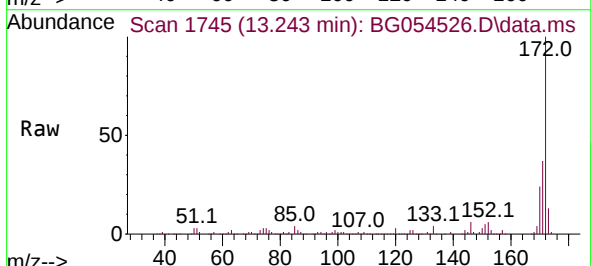
Tgt Ion:330 Resp: 136062
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 20.9 27.1 40.7

Manual Integrations
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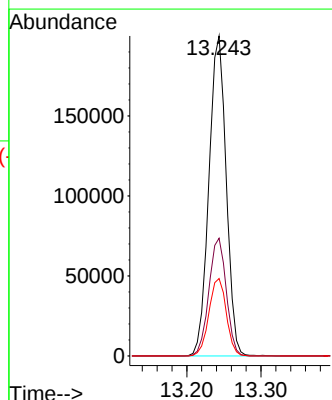
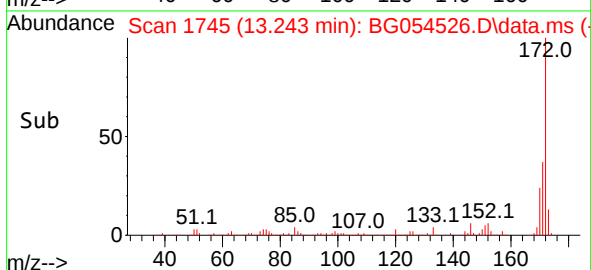
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

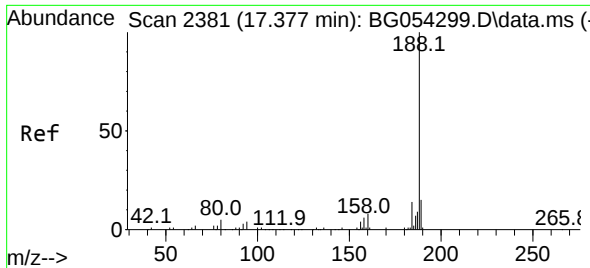


#45
2-Fluorobiphenyl
Concen: 80.605 ng
RT: 13.243 min Scan# 1745
Delta R.T. -0.003 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54



Tgt Ion:172 Resp: 323112
Ion Ratio Lower Upper
172 100
171 36.8 28.5 42.7
170 24.2 18.9 28.3





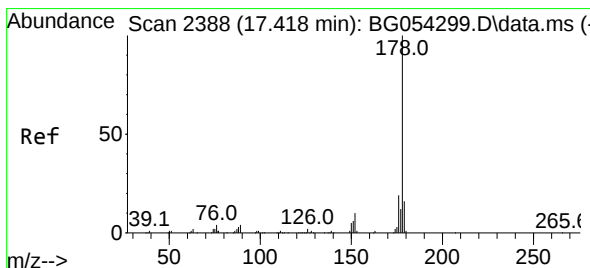
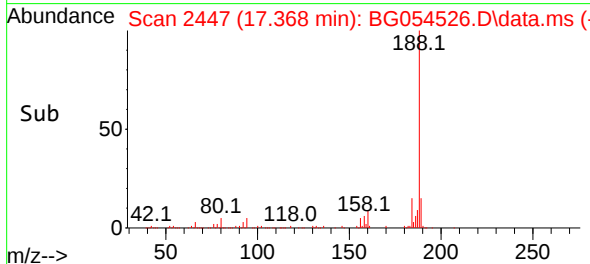
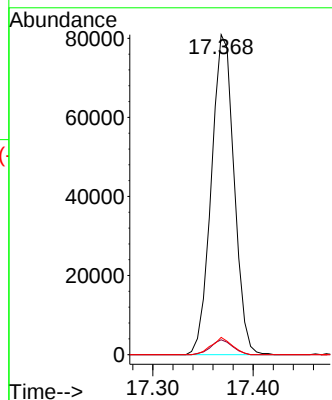
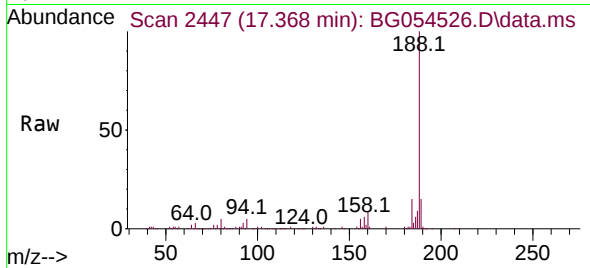
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 2447
Delta R.T. -0.003 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

Instrument :
BNA_G
ClientSampleId :
RVE-85

Tgt Ion:188 Resp: 127472
Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.0
80 5.4 6.8 10.2

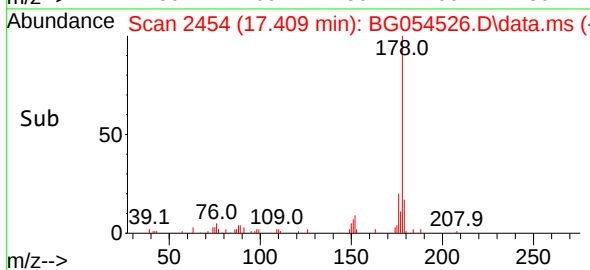
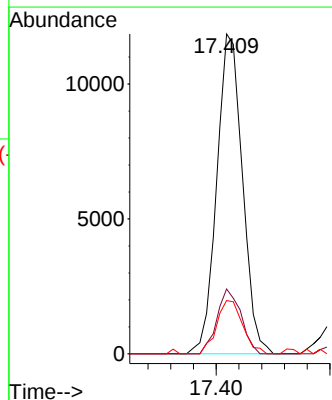
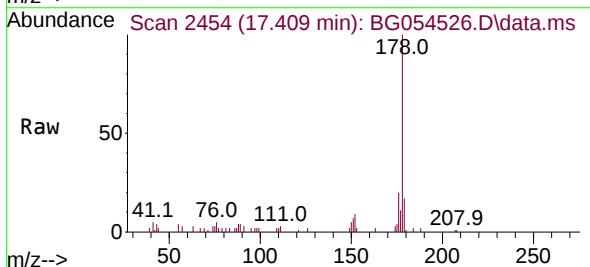
Manual Integrations
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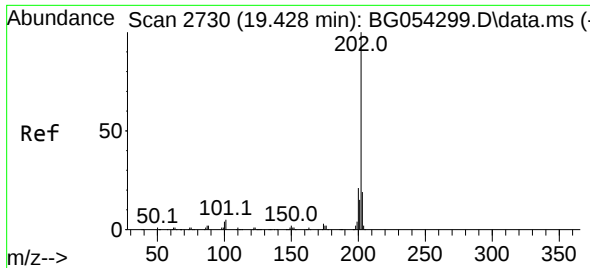
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#71
Phenanthrene
Concen: 2.925 ng
RT: 17.409 min Scan# 2454
Delta R.T. -0.003 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

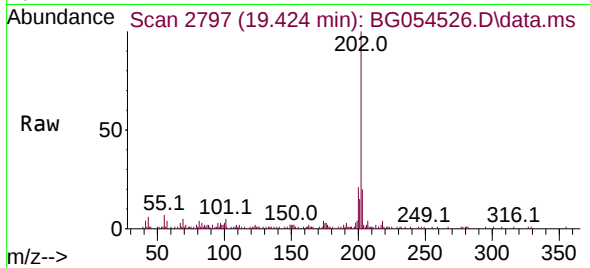
Tgt Ion:178 Resp: 18566
Ion Ratio Lower Upper
178 100
176 20.3 14.1 21.1
179 16.7 12.1 18.1





#75
Fluoranthene
Concen: 4.271 ng
RT: 19.424 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

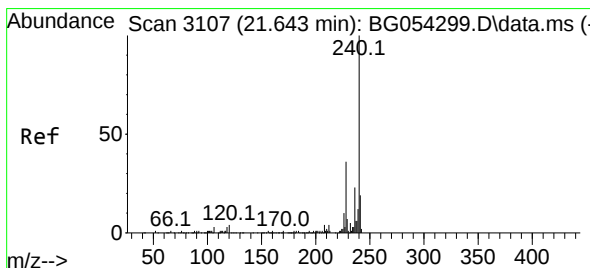
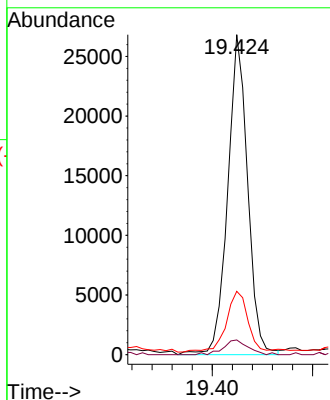
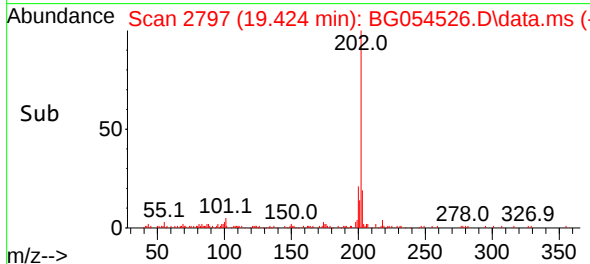
Instrument :
BNA_G
ClientSampleId :
RVE-85



Tgt Ion:202 Resp: 36959
Ion Ratio Lower Upper
202 100
101 5.3 0.0 26.9
203 19.8 0.0 37.2

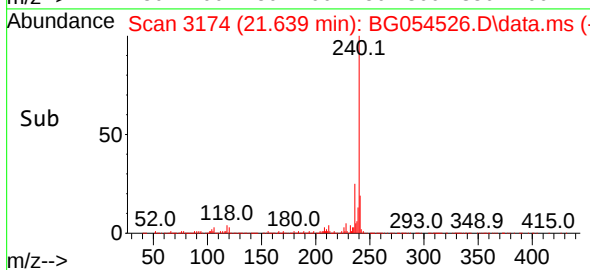
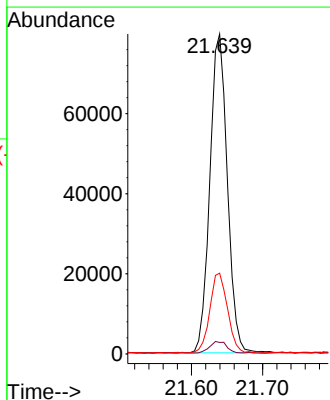
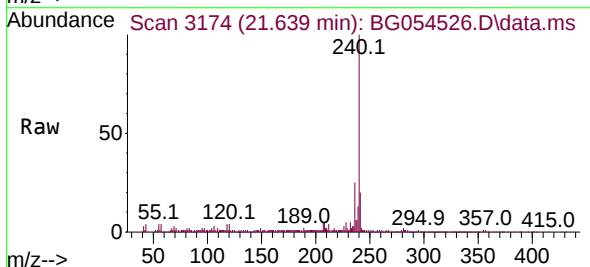
Manual Integrations
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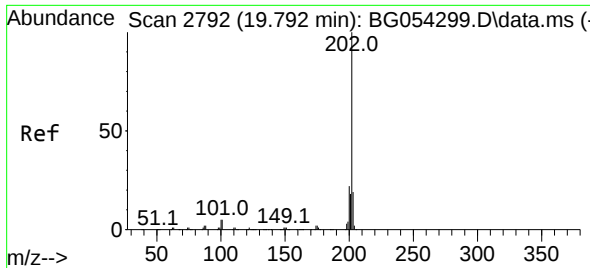
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3174
Delta R.T. 0.002 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

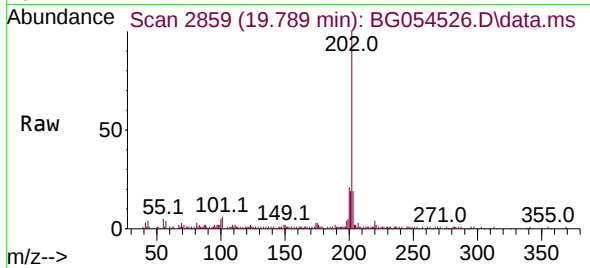
Tgt Ion:240 Resp: 136339
Ion Ratio Lower Upper
240 100
120 3.6 4.6 7.0#
236 25.2 20.2 30.4





#78
 Pyrene
 Concen: 6.767 ng
 RT: 19.789 min Scan# 2859
 Delta R.T. 0.002 min
 Lab File: BG054526.D
 Acq: 4 Aug 2022 19:54

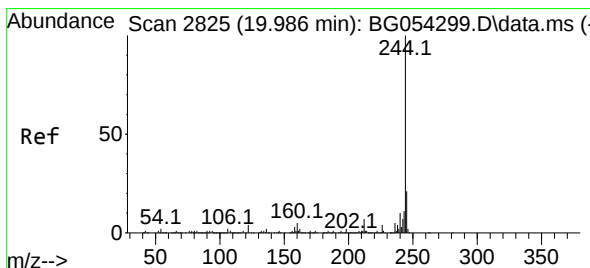
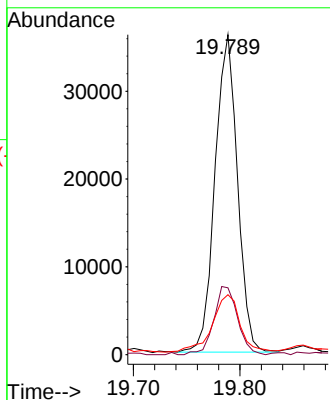
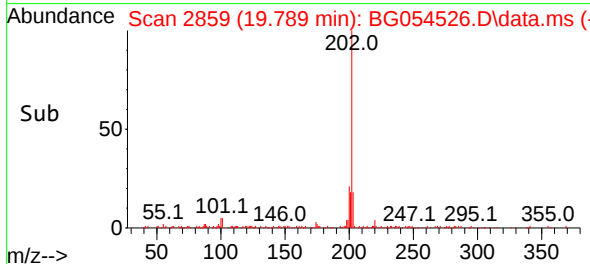
Instrument :
 BNA_G
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 RVE-85



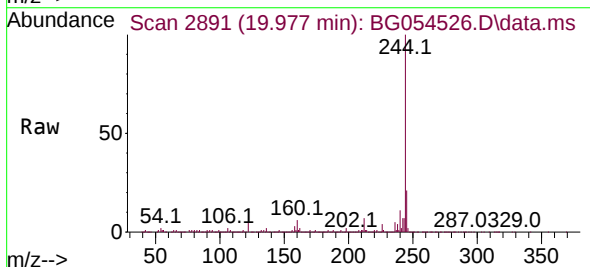
Tgt Ion:202 Resp: 52942
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.6 24.8
 203 18.7 14.6 21.8

Manual Integrations
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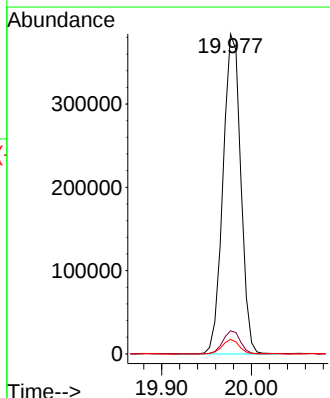
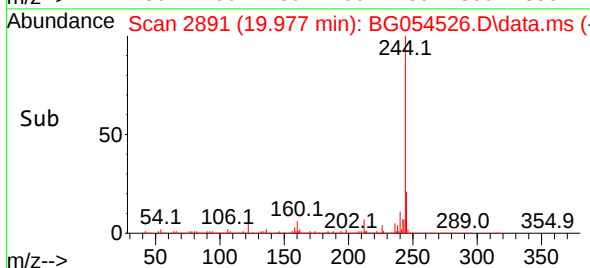
Reviewed By :Christian Giraldo 08/05/2022
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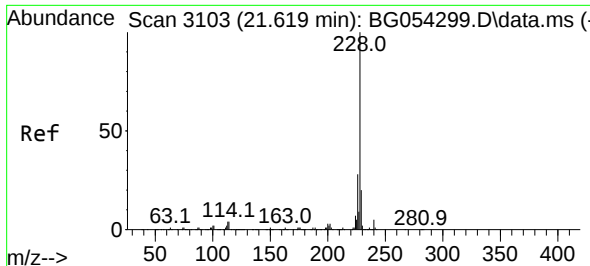


#79
 Terphenyl-d14
 Concen: 77.017 ng
 RT: 19.977 min Scan# 2891
 Delta R.T. -0.003 min
 Lab File: BG054526.D
 Acq: 4 Aug 2022 19:54



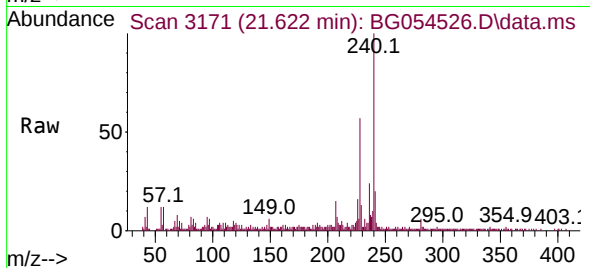
Tgt Ion:244 Resp: 529309
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 4.5 5.0 7.4





#81
Benzo(a)anthracene
Concen: 3.006 ng
RT: 21.622 min Scan# 3103
Delta R.T. 0.008 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

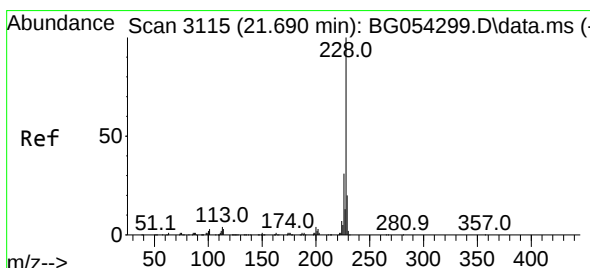
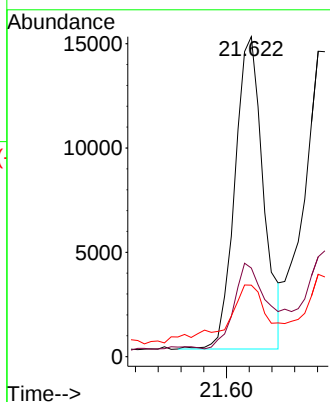
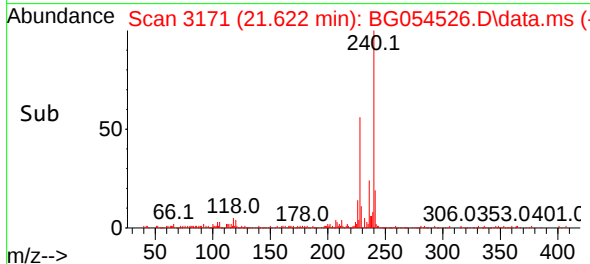
Instrument :
BNA_G
ClientSampleId :
RVE-85



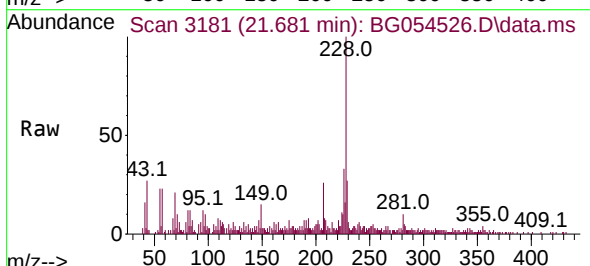
Tgt Ion:228 Resp: 26020
Ion Ratio Lower Upper
228 100
226 27.7 21.6 32.4
229 22.4 16.2 24.2

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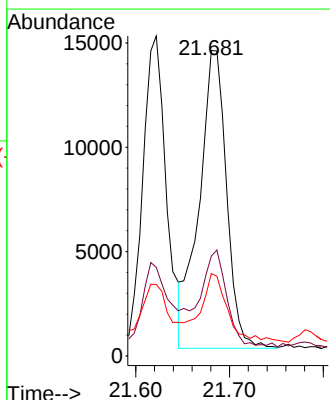
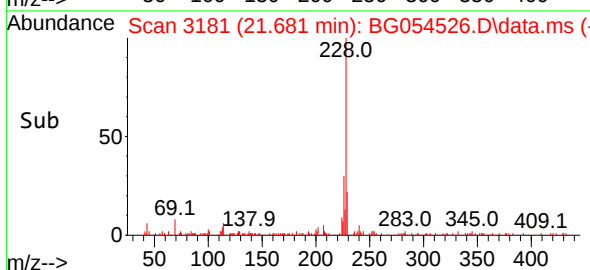
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

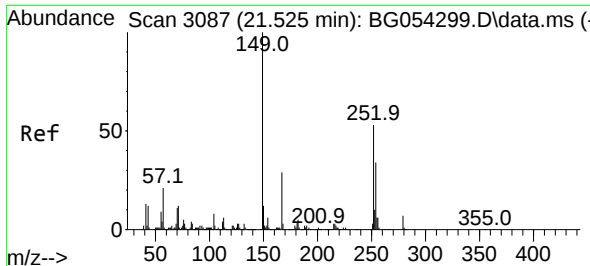


#83
Chrysene
Concen: 3.570 ng m
RT: 21.681 min Scan# 3181
Delta R.T. -0.003 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54



Tgt Ion:228 Resp: 29190
Ion Ratio Lower Upper
228 100
226 32.6 23.4 35.2
229 27.0 15.5 23.3





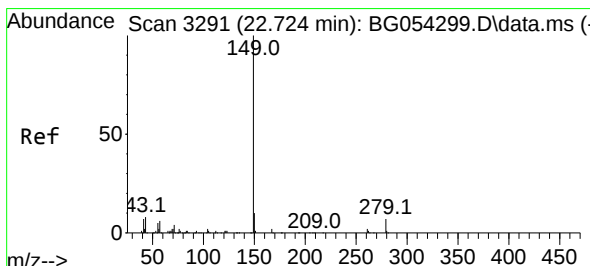
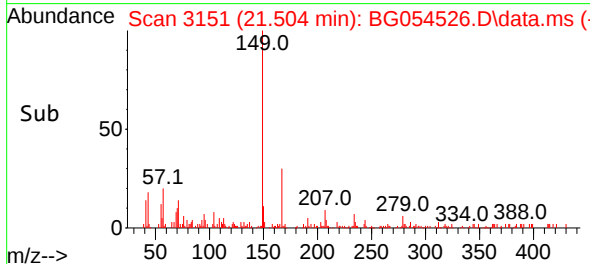
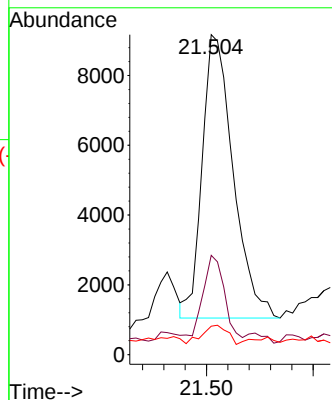
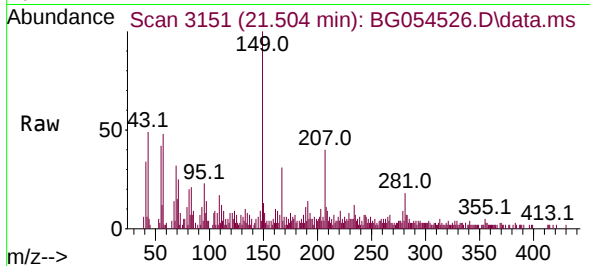
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.755 ng
RT: 21.504 min Scan# 3151
Delta R.T. -0.009 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

Instrument :
BNA_G
ClientSampleId :
RVE-85

Tgt Ion:149 Resp: 16403
Ion Ratio Lower Upper
149 100
167 31.0 20.2 30.4#
279 8.9 3.6 5.4#

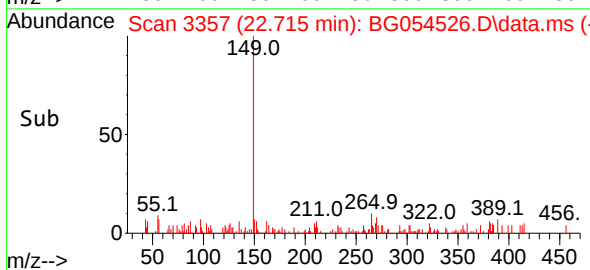
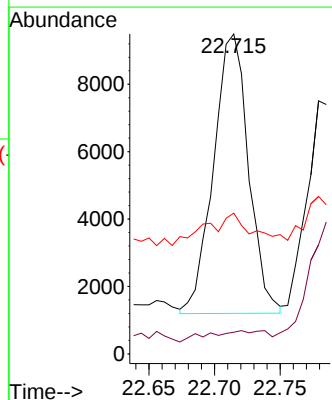
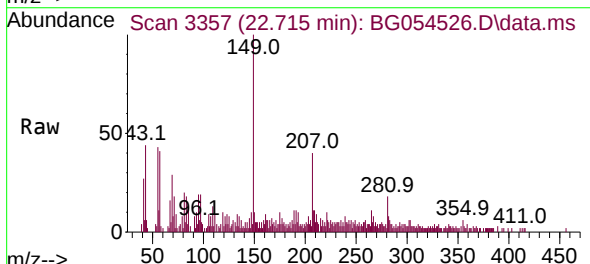
Manual Integrations
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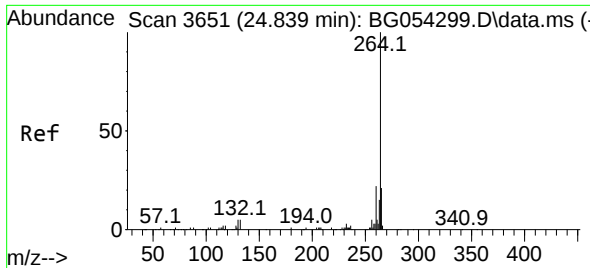
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#85
Di-n-octyl phthalate
Concen: 2.618 ng
RT: 22.715 min Scan# 3357
Delta R.T. 0.008 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

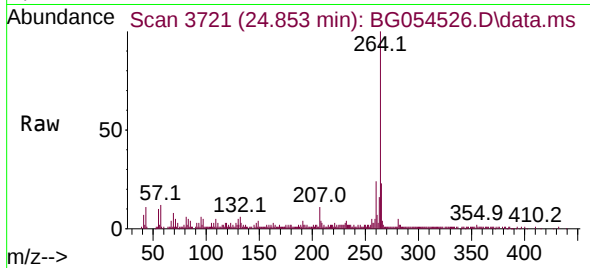
Tgt Ion:149 Resp: 15410
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 14.6 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.853 min Scan# 31
 Delta R.T. 0.020 min
 Lab File: BG054526.D
 Acq: 4 Aug 2022 19:54

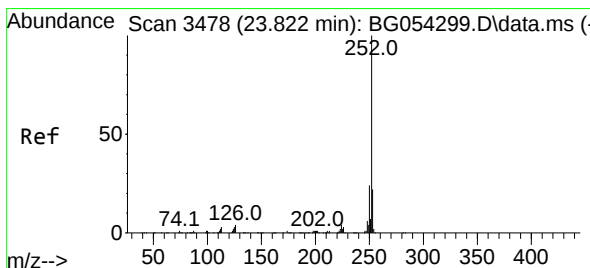
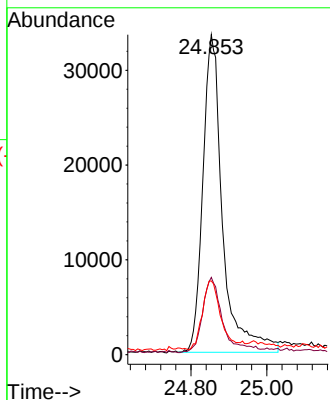
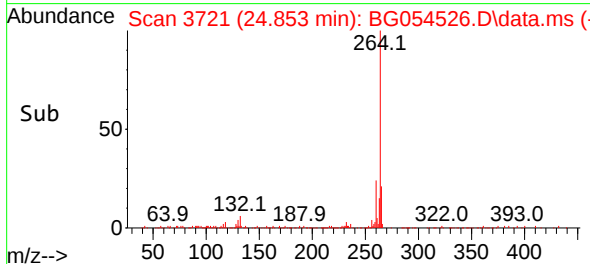
Instrument :
 BNA_G
 ClientSampleId :
 RVE-85



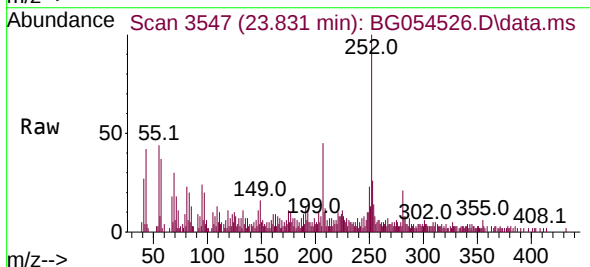
Tgt Ion:264 Resp: 121335
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 23.0 17.4 26.2

Manual Integrations
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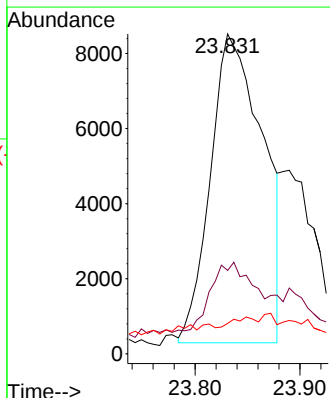
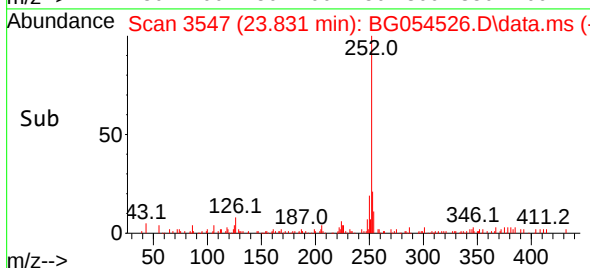
Reviewed By :Christian Giraldo 08/05/2022
 Supervised By :Jagrut Upadhyay 08/05/2022

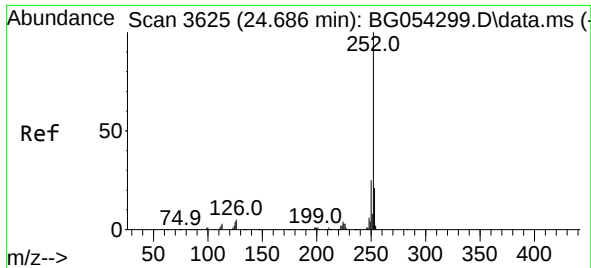


#88
 Benzo(b)fluoranthene
 Concen: 3.957 ng m
 RT: 23.831 min Scan# 3547
 Delta R.T. 0.008 min
 Lab File: BG054526.D
 Acq: 4 Aug 2022 19:54



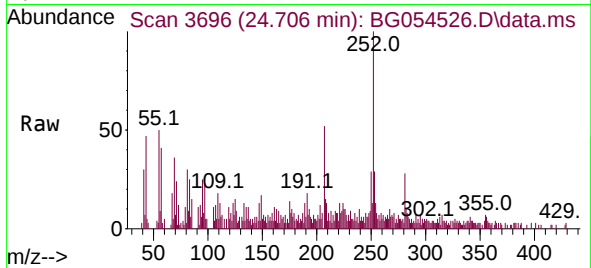
Tgt Ion:252 Resp: 28391
 Ion Ratio Lower Upper
 252 100
 253 26.1 18.0 27.0
 125 9.5 4.6 6.8#





#90
Benzo(a)pyrene
Concen: 3.346 ng
RT: 24.706 min Scan# 3696
Delta R.T. 0.020 min
Lab File: BG054526.D
Acq: 4 Aug 2022 19:54

Instrument :
BNA_G
ClientSampleId :
RVE-85



Tgt Ion:252 Resp: 20503
Ion Ratio Lower Upper
252 100
253 28.5 17.8 26.8
125 14.9 4.3 6.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

