

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
 Data File : BG054705.D
 Acq On : 23 Aug 2022 13:20
 Operator : CG/JU
 Sample : N4258-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 280251

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/24/2022
 Supervised By : Jagrut Upadhyay 08/24/2022

Quant Time: Aug 23 14:18:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 03:09:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.161	152	60202	20.000	ng	0.00
21) Naphthalene-d8	10.981	136	249790	20.000	ng	0.00
39) Acenaphthene-d10	14.795	164	140705	20.000	ng	0.00
64) Phenanthrene-d10	17.544	188	262265	20.000	ng	# 0.00
76) Chrysene-d12	21.833	240	263351	20.000	ng	0.00
86) Perylene-d12	25.206	264	292245	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	383613	120.077	ng	0.00
7) Phenol-d6	7.303	99	525581	117.410	ng	0.00
23) Nitrobenzene-d5	9.330	82	321216	73.285	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	153757	136.452	ng	0.00
45) 2-Fluorobiphenyl	13.414	172	689211	72.235	ng	0.00
79) Terphenyl-d14	20.141	244	885288	66.778	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.589	202	79663	4.834	ng	92
78) Pyrene	19.947	202	72007	3.876	ng	# 92
81) Benzo(a)anthracene	21.810	228	36816	2.058	ng	# 94
83) Chrysene	21.880	228	45712m	2.686	ng	
84) Bis(2-ethylhexyl)phtha...	21.704	149	30887	7.239	ng	# 93
88) Benzo(b)fluoranthene	24.125	252	69660	3.839	ng	# 83
90) Benzo(a)pyrene	25.036	252	45616	2.929	ng	# 92
92) Benzo(g,h,i)perylene	30.288	276	35327	2.017	ng	97

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

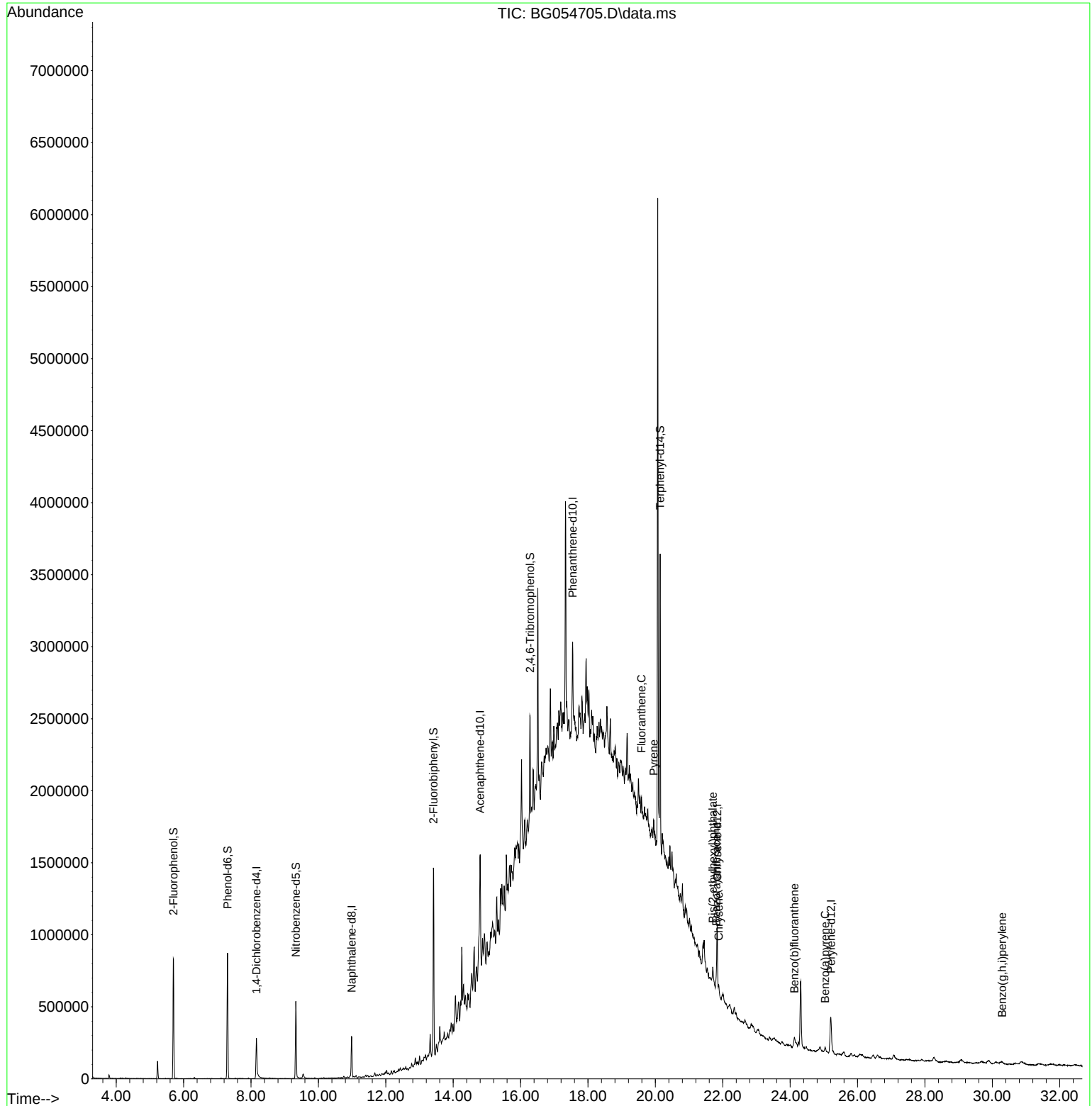
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054705.D
Acq On : 23 Aug 2022 13:20
Operator : CG/JU
Sample : N4258-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

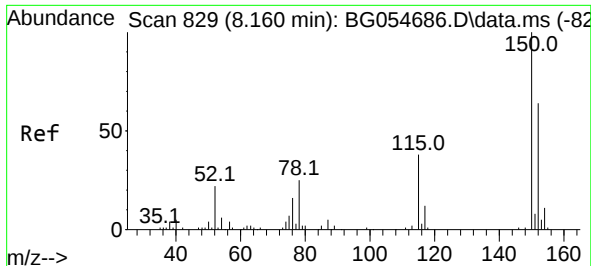
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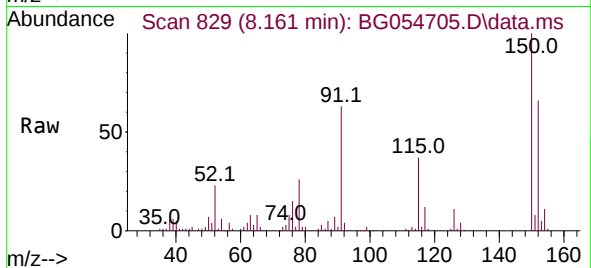
Quant Time: Aug 23 14:18:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 23 03:09:46 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.161 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG054705.D
Acq: 23 Aug 2022 13:20

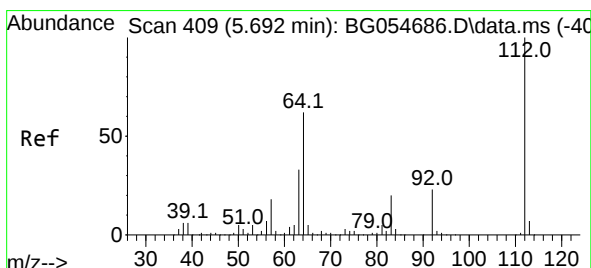
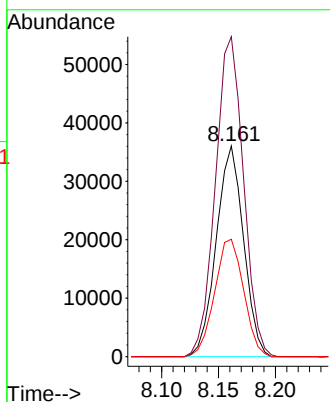
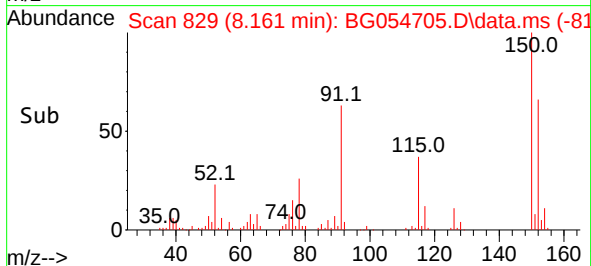
Instrument :
BNA_G
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280251



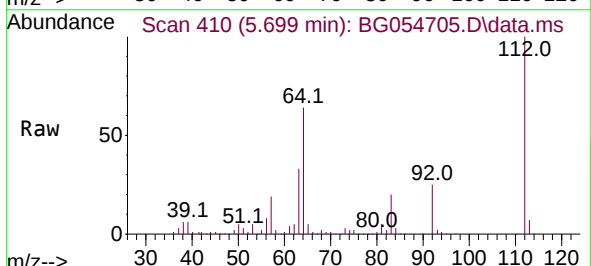
Tgt Ion:152 Resp: 60202
Ion Ratio Lower Upper
152 100
150 151.9 125.2 187.8
115 55.7 47.9 71.9

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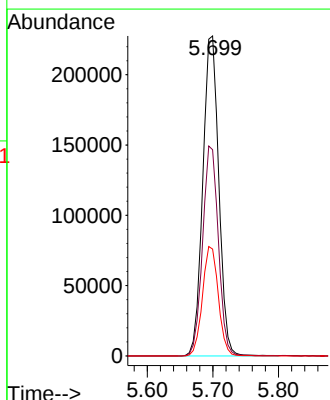
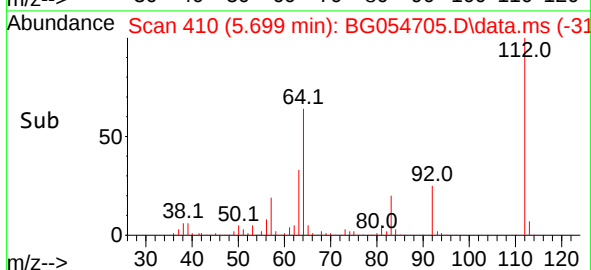
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

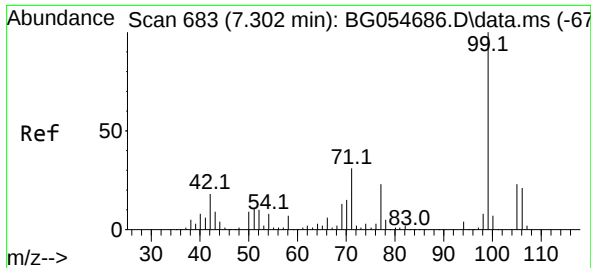


#5
2-Fluorophenol
Concen: 120.077 ng
RT: 5.699 min Scan# 410
Delta R.T. 0.008 min
Lab File: BG054705.D
Acq: 23 Aug 2022 13:20



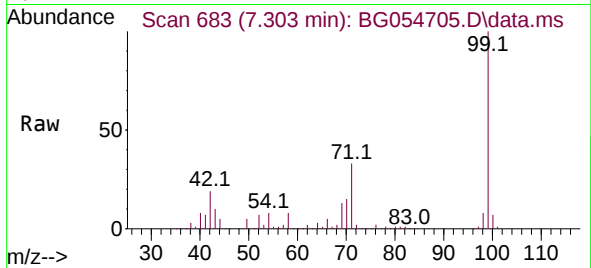
Tgt Ion:112 Resp: 383613
Ion Ratio Lower Upper
112 100
64 64.4 49.3 73.9
63 33.4 26.3 39.5





#7
Phenol-d6
Concen: 117.410 ng
RT: 7.303 min Scan# 683
Delta R.T. 0.002 min
Lab File: BG054705.D
Acq: 23 Aug 2022 13:20

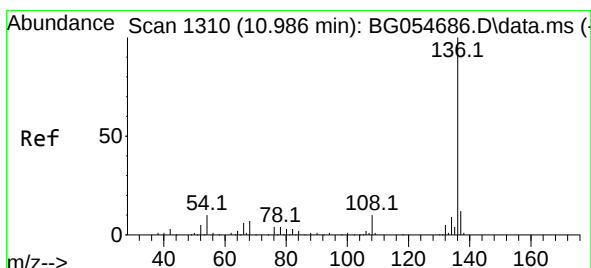
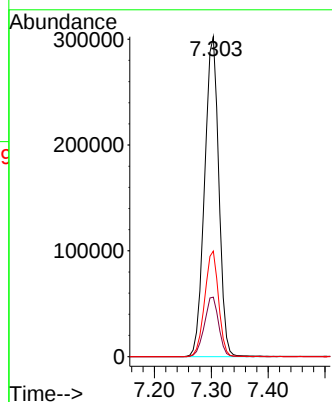
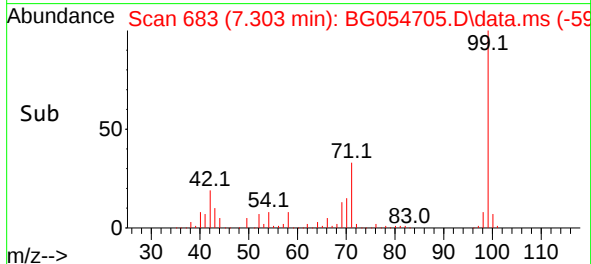
Instrument :
BNA_G
ClientSampleId :
280251



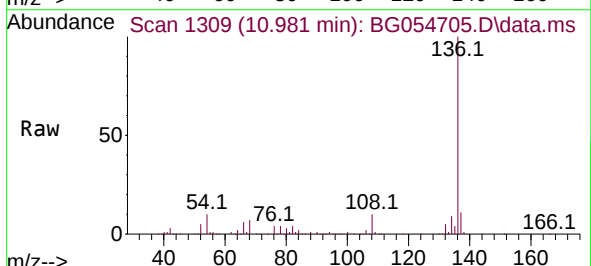
Tgt Ion: 99 Resp: 525581
Ion Ratio Lower Upper
99 100
42 18.6 14.6 22.0
71 33.0 24.6 37.0

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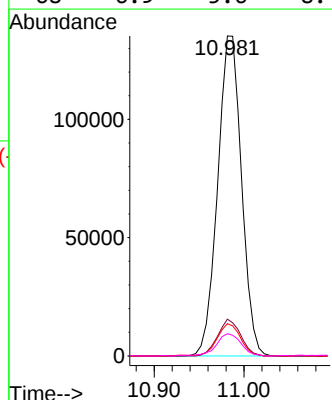
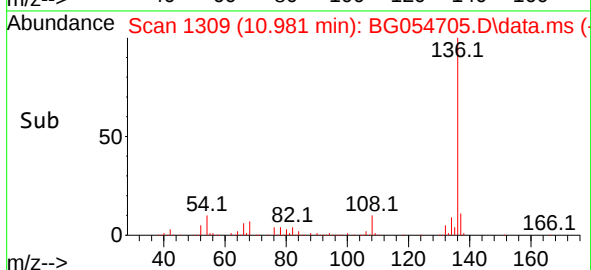
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

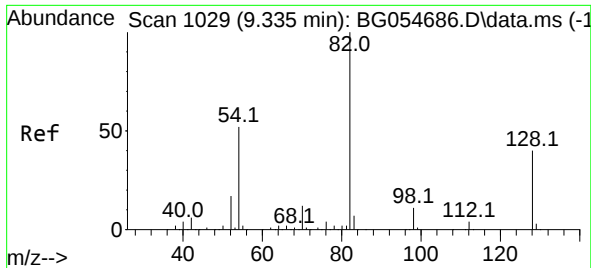


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.981 min Scan# 1309
Delta R.T. -0.005 min
Lab File: BG054705.D
Acq: 23 Aug 2022 13:20



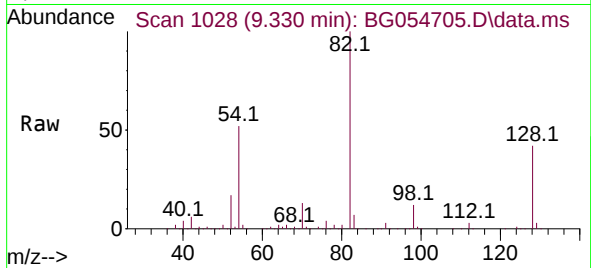
Tgt Ion:136 Resp: 249790
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 10.1 7.7 11.5
68 6.9 5.6 8.4





#23
Nitrobenzene-d5
Concen: 73.285 ng
RT: 9.330 min Scan# 1029
Delta R.T. -0.004 min
Lab File: BG054705.D
Acq: 23 Aug 2022 13:20

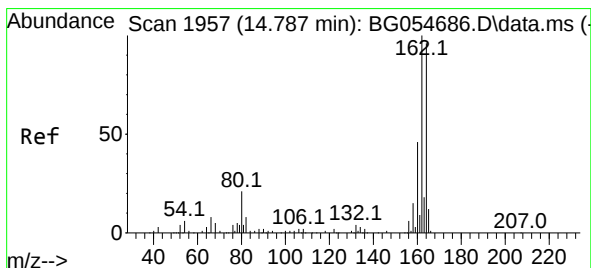
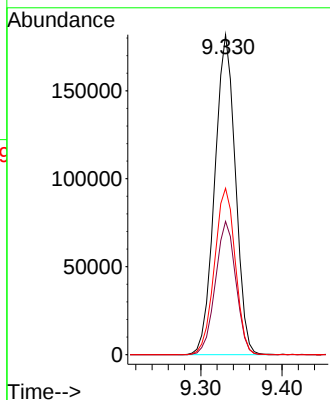
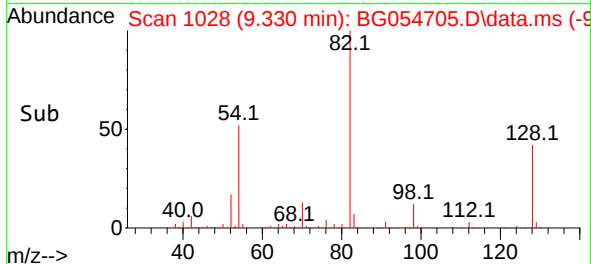
Instrument :
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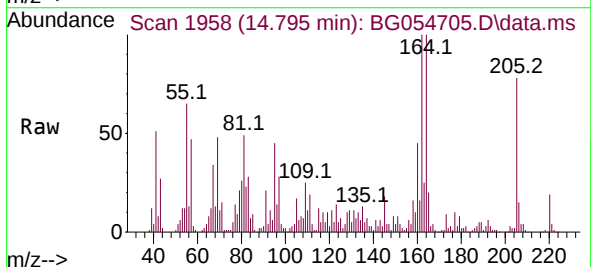
Tgt Ion: 82 Resp: 321216
Ion Ratio Lower Upper
82 100
128 41.6 32.2 48.2
54 52.0 41.4 62.0

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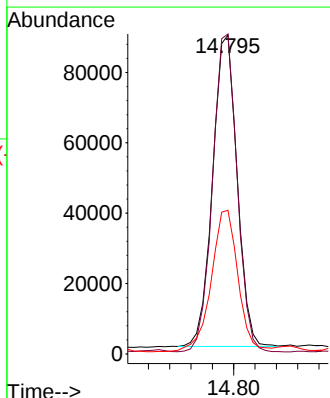
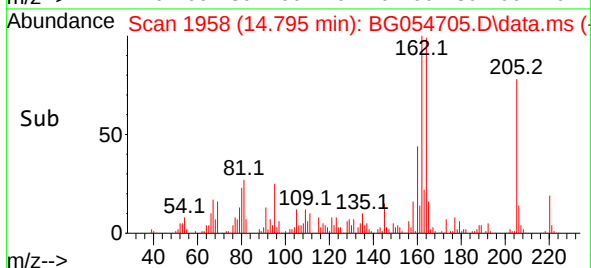
Reviewed By :Christian Giraldo 08/24/2022
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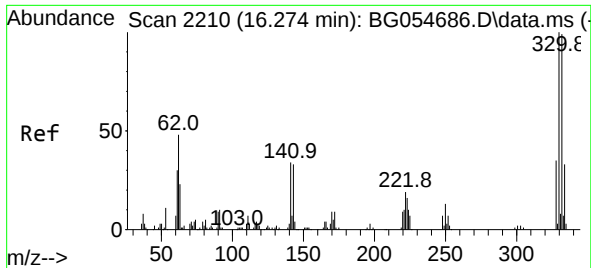


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.795 min Scan# 1958
Delta R.T. 0.008 min
Lab File: BG054705.D
Acq: 23 Aug 2022 13:20



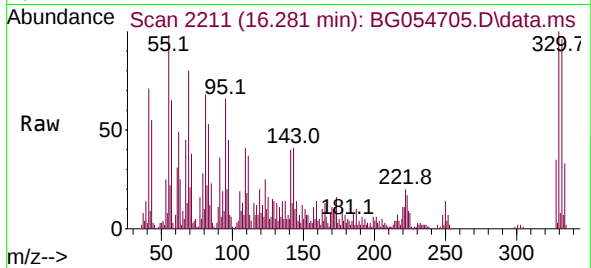
Tgt Ion:164 Resp: 140705
Ion Ratio Lower Upper
164 100
162 100.4 83.0 124.4
160 45.1 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 136.452 ng
RT: 16.281 min Scan# 21
Delta R.T. 0.008 min
Lab File: BG054705.D
Acq: 23 Aug 2022 13:20

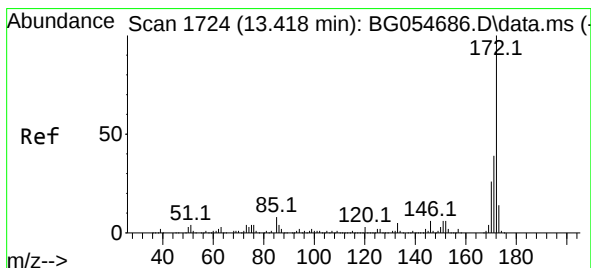
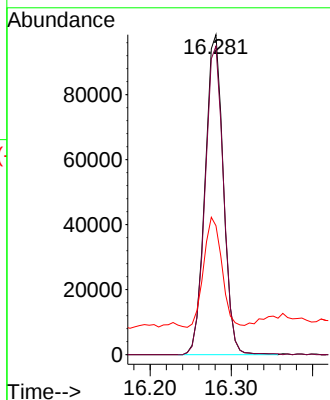
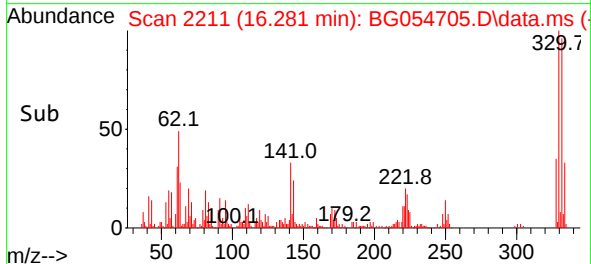
Instrument :
BNA_G
ClientSampleId :
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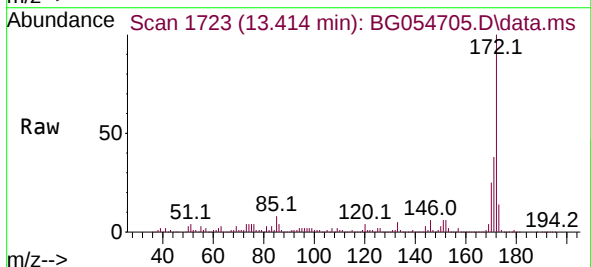
Tgt Ion:330 Resp: 15375
Ion Ratio Lower Upper
330 100
332 97.5 79.8 119.6
141 34.5 26.8 40.2

Manual Integrations
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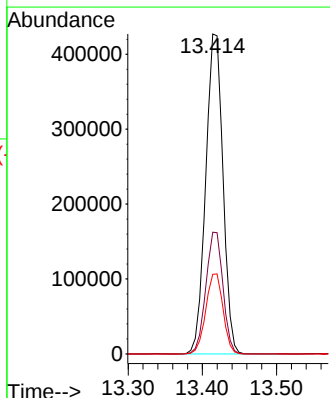
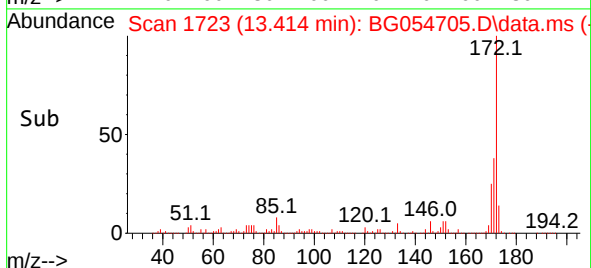
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

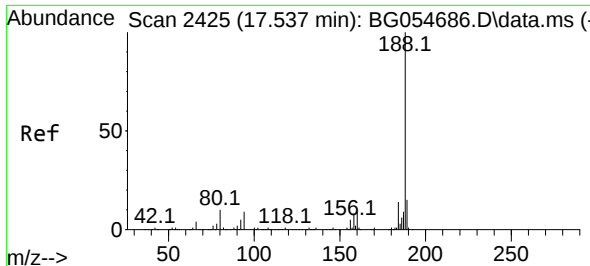


#45
2-Fluorobiphenyl
Concen: 72.235 ng
RT: 13.414 min Scan# 1723
Delta R.T. -0.004 min
Lab File: BG054705.D
Acq: 23 Aug 2022 13:20



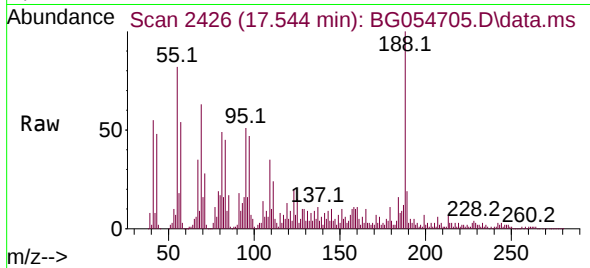
Tgt Ion:172 Resp: 689211
Ion Ratio Lower Upper
172 100
171 38.0 31.2 46.8
170 24.9 20.6 30.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.544 min Scan# 2426
Delta R.T. 0.007 min
Lab File: BG054705.D
Acq: 23 Aug 2022 13:20

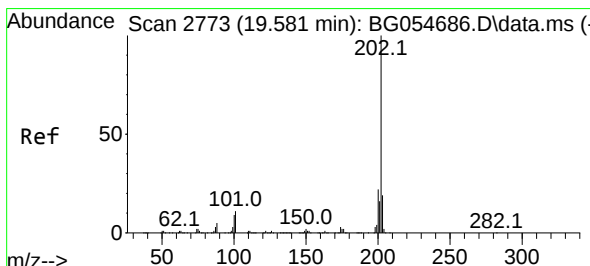
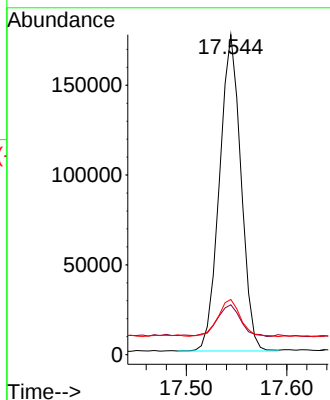
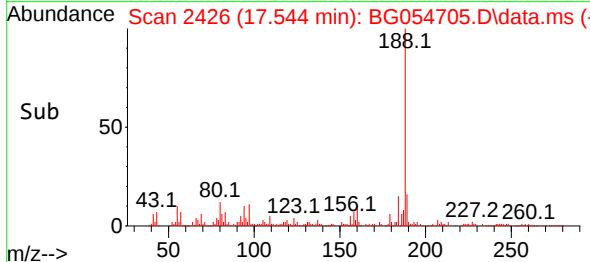
Instrument :
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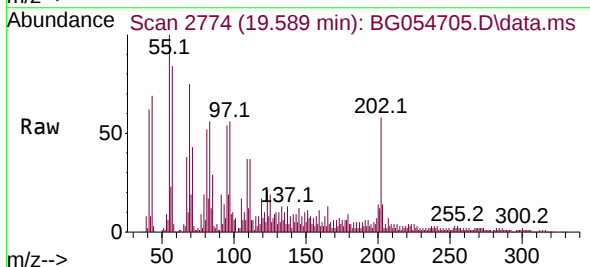
Tgt Ion:188 Resp: 262265
Ion Ratio Lower Upper
188 100
94 15.6 7.0 10.4
80 17.2 7.9 11.9

Manual Integrations
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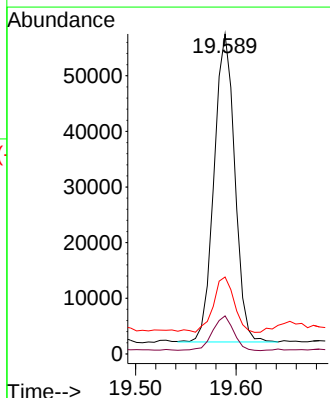
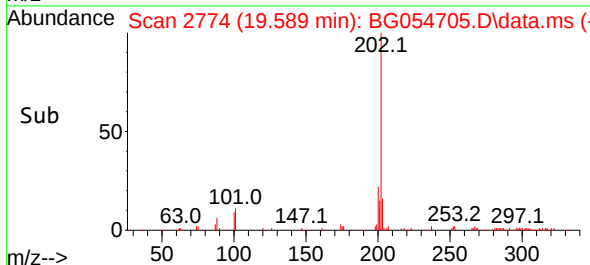
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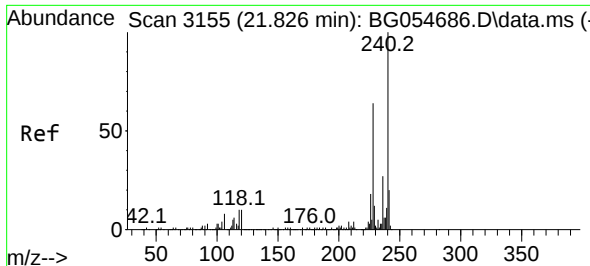


#75
Fluoranthene
Concen: 4.834 ng
RT: 19.589 min Scan# 2774
Delta R.T. 0.008 min
Lab File: BG054705.D
Acq: 23 Aug 2022 13:20



Tgt Ion:202 Resp: 79663
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.4
203 24.0 0.0 38.6





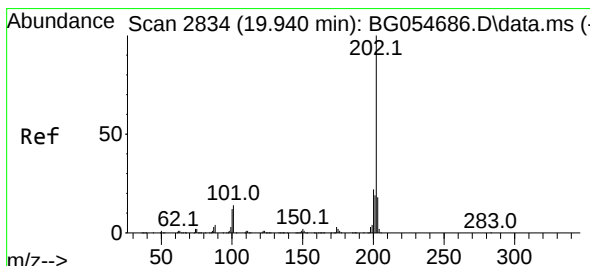
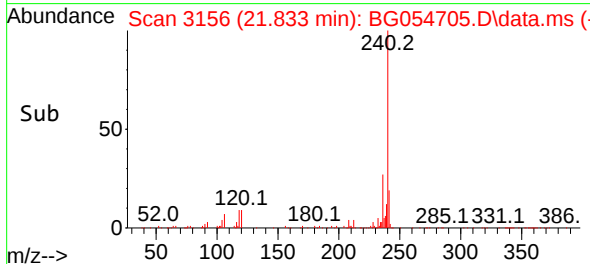
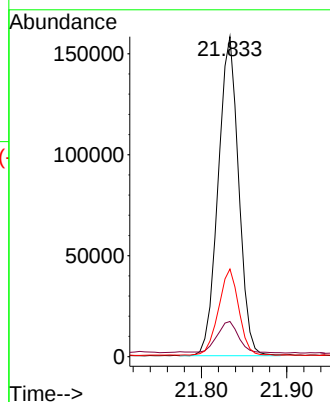
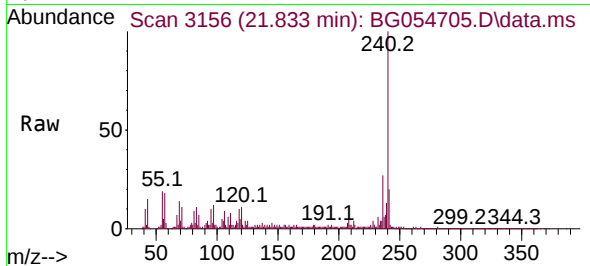
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.833 min Scan# 3155
Delta R.T. 0.008 min
Lab File: BG054705.D
Acq: 23 Aug 2022 13:20

Instrument :
BNA_G
ClientSampleId :
280251

Tgt Ion:240 Resp: 26335
Ion Ratio Lower Upper
240 100
120 11.0 8.2 12.4
236 27.4 21.2 31.8

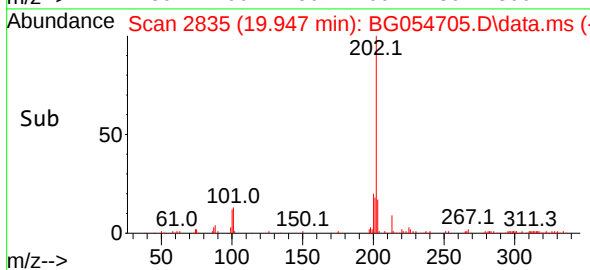
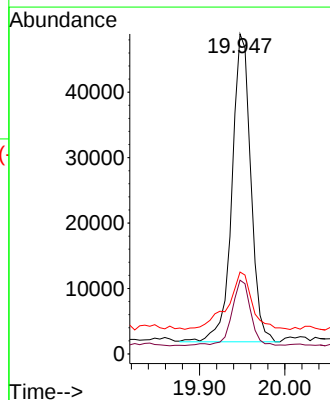
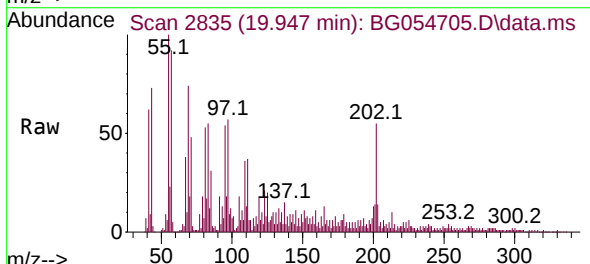
Manual Integrations
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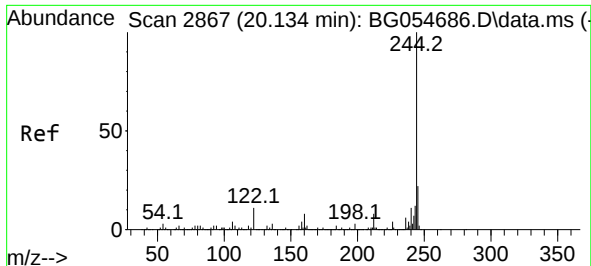
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#78
Pyrene
Concen: 3.876 ng
RT: 19.947 min Scan# 2835
Delta R.T. 0.008 min
Lab File: BG054705.D
Acq: 23 Aug 2022 13:20

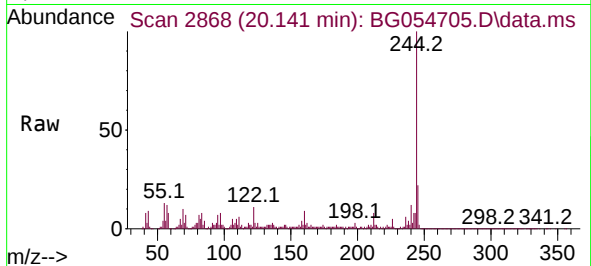
Tgt Ion:202 Resp: 72007
Ion Ratio Lower Upper
202 100
200 23.0 17.8 26.6
203 25.6 14.6 21.8#





#79
 Terphenyl-d14
 Concen: 66.778 ng
 RT: 20.141 min Scan# 2867
 Delta R.T. 0.008 min
 Lab File: BG054705.D
 Acq: 23 Aug 2022 13:20

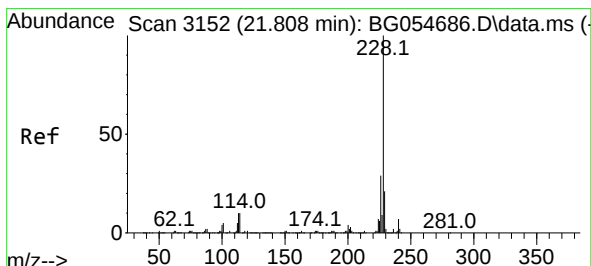
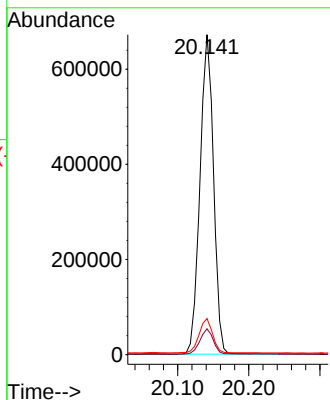
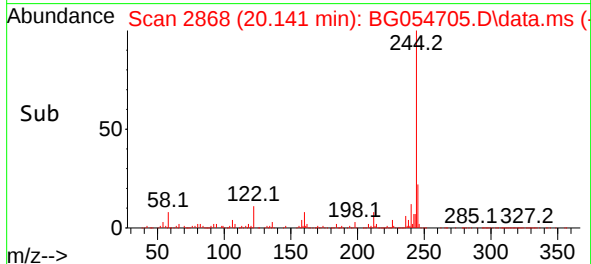
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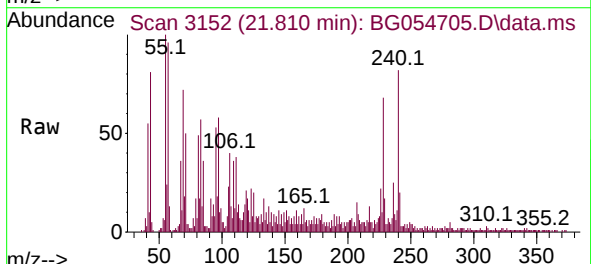
Tgt Ion:244 Resp: 885288
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 11.3 9.0 13.6

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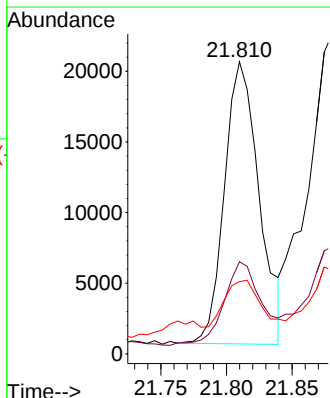
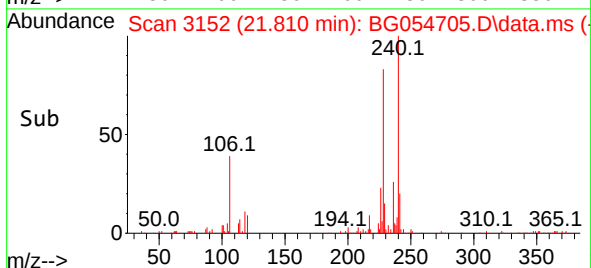
Reviewed By :Christian Giraldo 08/24/2022
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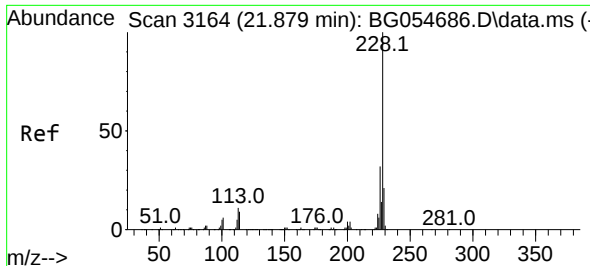


#81
 Benzo(a)anthracene
 Concen: 2.058 ng
 RT: 21.810 min Scan# 3152
 Delta R.T. 0.002 min
 Lab File: BG054705.D
 Acq: 23 Aug 2022 13:20



Tgt Ion:228 Resp: 36816
 Ion Ratio Lower Upper
 228 100
 226 31.5 23.4 35.2
 229 24.8 16.5 24.7#





#83

Chrysene

Concen: 2.686 ng m

RT: 21.880 min Scan# 3164

Delta R.T. 0.002 min

Lab File: BG054705.D

Acq: 23 Aug 2022 13:20

Instrument :

BNA_G

ClientSampleId :

280251

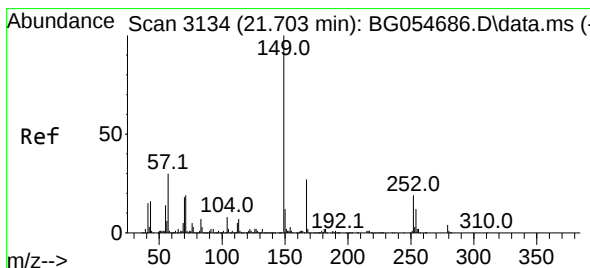
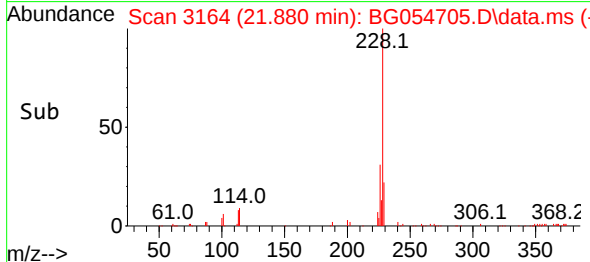
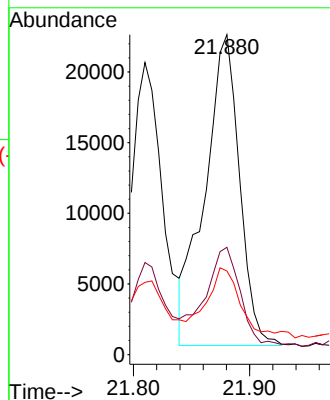
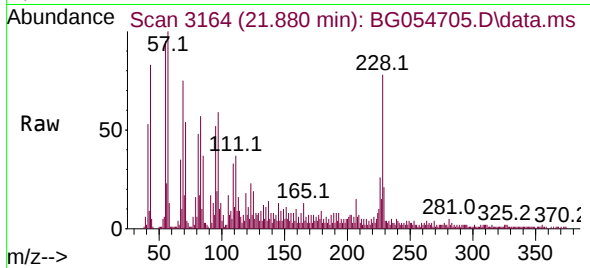
Tgt Ion:228	Resp: 45712
Ion Ratio	Lower Upper
228 100	
226 33.5	25.5 38.3
229 26.1	16.8 25.2

Manual Integrations

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Reviewed By :Christian Giraldo 08/24/2022

Supervised By :Jagrut Upadhyay 08/24/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.239 ng

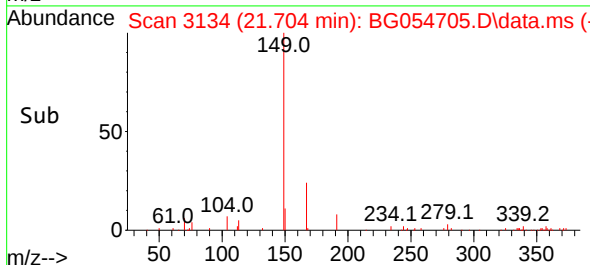
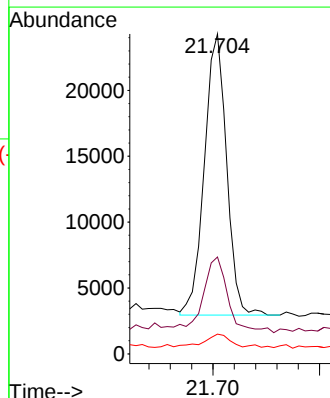
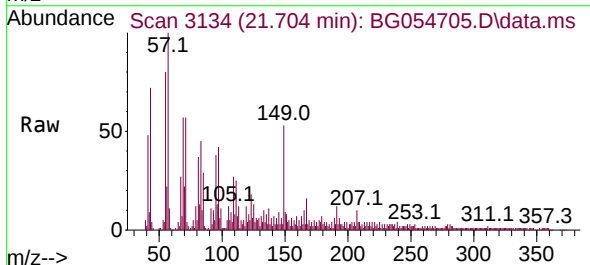
RT: 21.704 min Scan# 3134

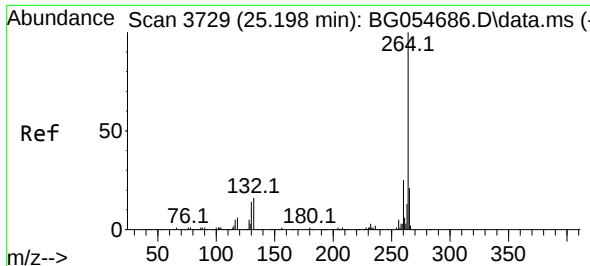
Delta R.T. 0.001 min

Lab File: BG054705.D

Acq: 23 Aug 2022 13:20

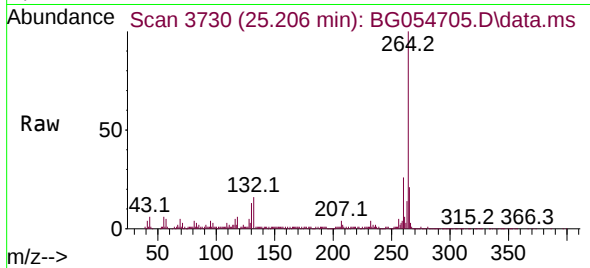
Tgt Ion:149	Resp: 30887
Ion Ratio	Lower Upper
149 100	
167 30.3	21.4 32.0
279 6.2	3.1 4.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.206 min Scan# 31
Delta R.T. 0.008 min
Lab File: BG054705.D
Acq: 23 Aug 2022 13:20

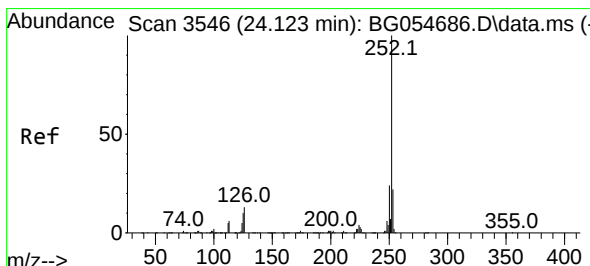
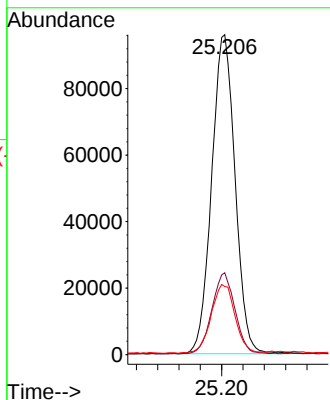
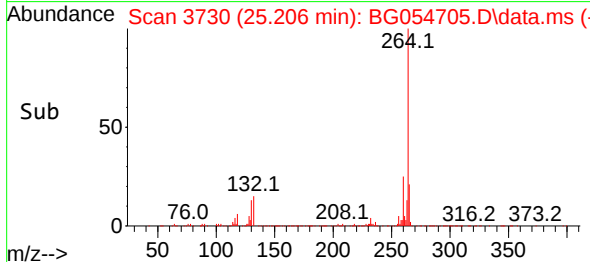
Instrument :
BNA_G
ClientSampleId :
280251



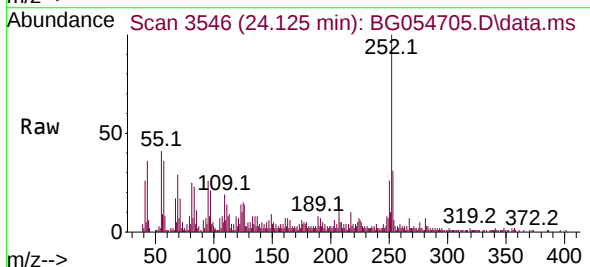
Tgt Ion:264 Resp: 292245
Ion Ratio Lower Upper
264 100
260 25.6 19.9 29.9
265 21.3 16.9 25.3

Manual Integrations
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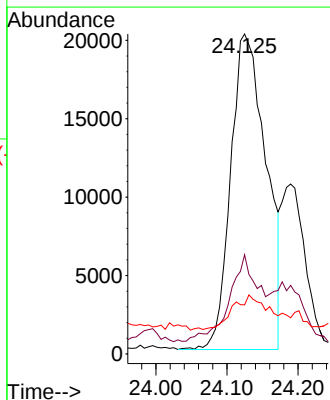
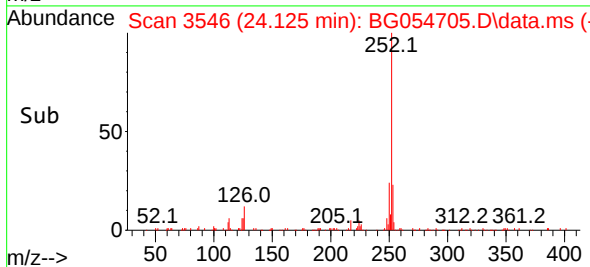
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

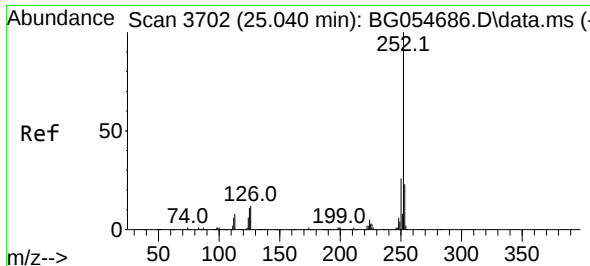


#88
Benzo(b)fluoranthene
Concen: 3.839 ng
RT: 24.125 min Scan# 3546
Delta R.T. 0.002 min
Lab File: BG054705.D
Acq: 23 Aug 2022 13:20



Tgt Ion:252 Resp: 69660
Ion Ratio Lower Upper
252 100
253 31.0 18.0 27.0#
125 15.3 8.1 12.1#





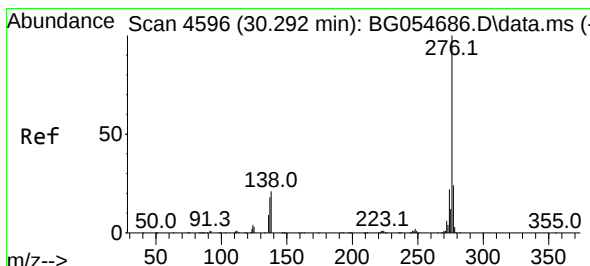
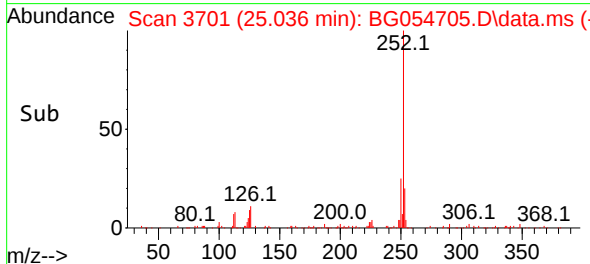
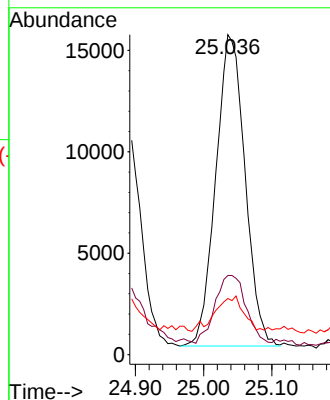
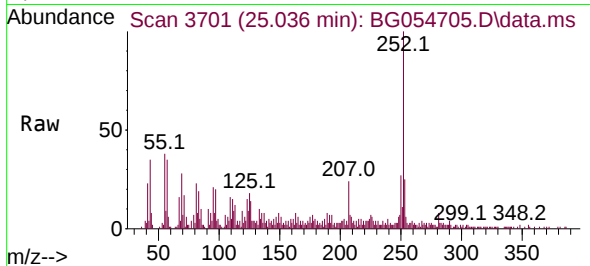
#90
Benzo(a)pyrene
Concen: 2.929 ng
RT: 25.036 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG054705.D
Acq: 23 Aug 2022 13:20

Instrument :
BNA_G
ClientSampleId :
280251

Tgt Ion:252 Resp: 45616
Ion Ratio Lower Upper
252 100
253 24.7 18.3 27.5
125 17.5 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#92
Benzo(g,h,i)perylene
Concen: 2.017 ng
RT: 30.288 min Scan# 4595
Delta R.T. -0.004 min
Lab File: BG054705.D
Acq: 23 Aug 2022 13:20

Tgt Ion:276 Resp: 35327
Ion Ratio Lower Upper
276 100
277 26.2 19.4 29.0
138 20.1 16.6 25.0

