

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
 Data File : BG054706.D
 Acq On : 23 Aug 2022 14:03
 Operator : CG/JU
 Sample : N4261-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C5

Manual Integrations
 APPROVED

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

Quant Time: Aug 23 15:00:48 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	54329	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	226242	20.000	ng	0.00
39) Acenaphthene-d10	14.788	164	148012	20.000	ng	0.00
64) Phenanthrene-d10	17.532	188	308852	20.000	ng	0.00
76) Chrysene-d12	21.827	240	275544	20.000	ng	0.00
86) Perylene-d12	25.200	264	291985	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	305340	105.908	ng	0.00
7) Phenol-d6	7.303	99	415569	102.870	ng	0.00
23) Nitrobenzene-d5	9.330	82	252624	63.634	ng	0.00
42) 2,4,6-Tribromophenol	16.275	330	161491	136.240	ng	0.00
45) 2-Fluorobiphenyl	13.414	172	604478	60.227	ng	0.00
79) Terphenyl-d14	20.135	244	865683	62.409	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.573	178	40862	2.482	ng	98
75) Fluoranthene	19.577	202	106996	5.513	ng	98
78) Pyrene	19.941	202	105301	5.418	ng	99
81) Benzo(a)anthracene	21.810	228	54934	2.935	ng	98
83) Chrysene	21.874	228	51332m	2.882	ng	
84) Bis(2-ethylhexyl)phtha...	21.704	149	3690	4.549	ng	# 80
88) Benzo(b)fluoranthene	24.130	252	67286	3.711	ng	# 96
90) Benzo(a)pyrene	25.035	252	52667	3.384	ng	# 94

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

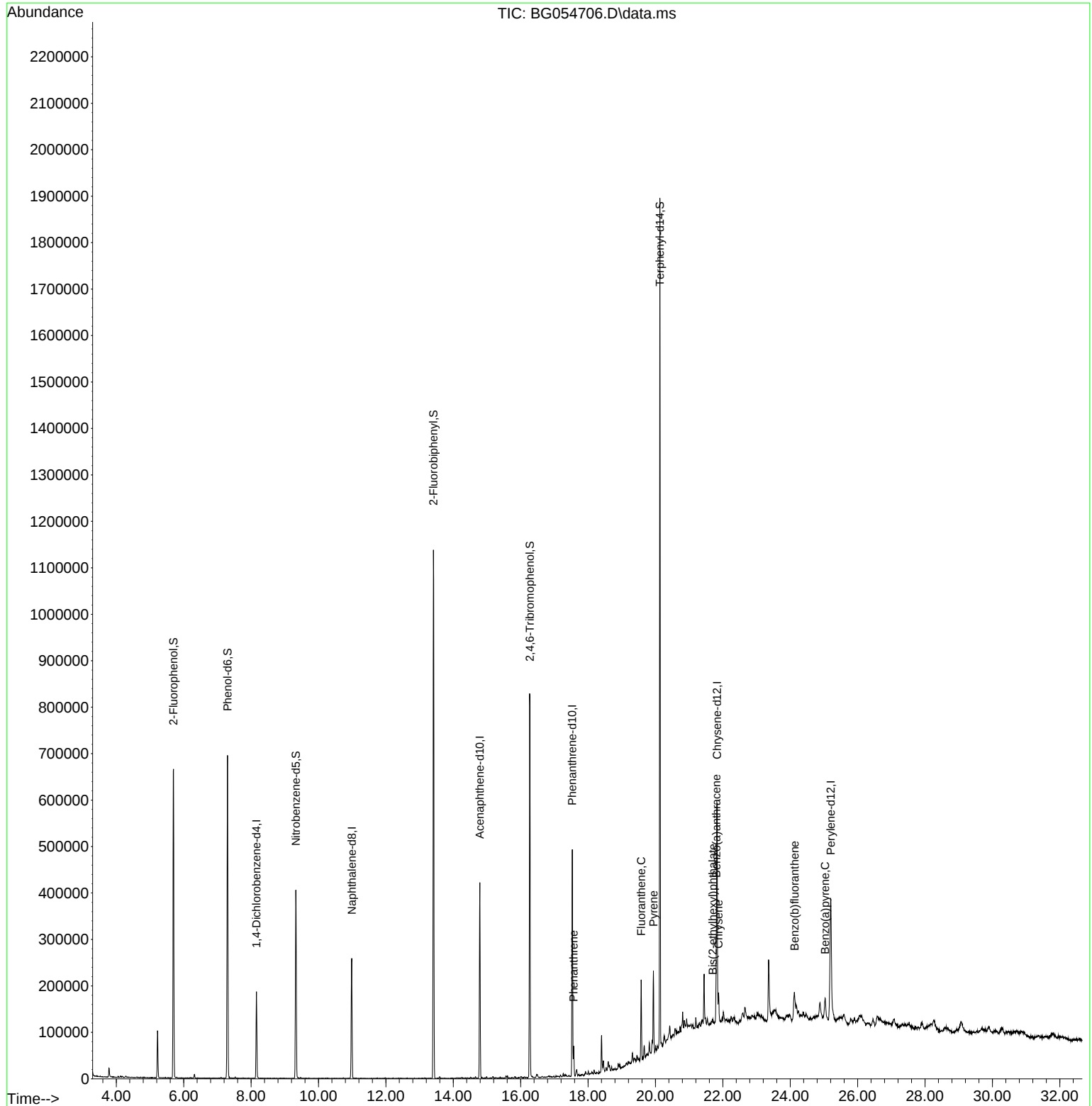
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054706.D
Acq On : 23 Aug 2022 14:03
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Sample : N4261-01
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ALS Vial : 8 Sample Multiplier: 1

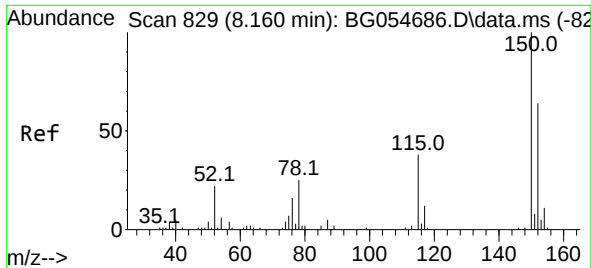
Instrument :
BNA_G
ClientSampleId :
C5

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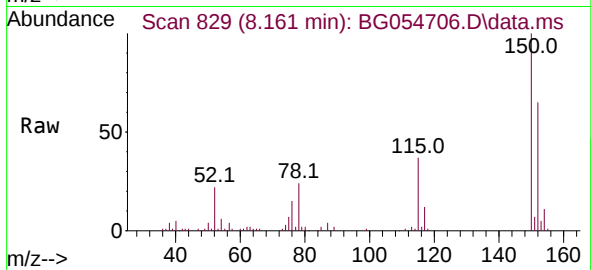
Reviewed By : Christian Giraldo 08/24/2022
Supervised By : Jagrut Upadhyay 08/24/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.161 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03

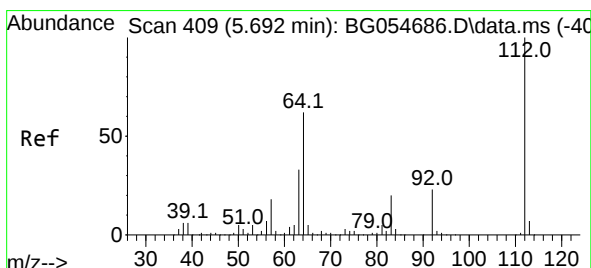
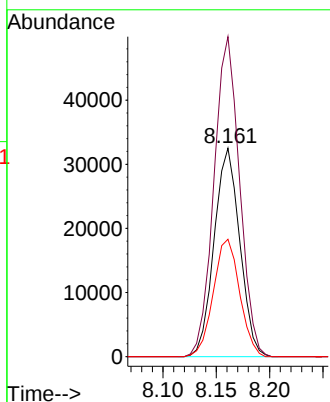
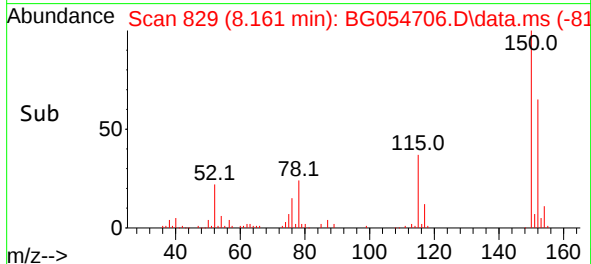
Instrument :
BNA_G
ClientSampleId :
C5



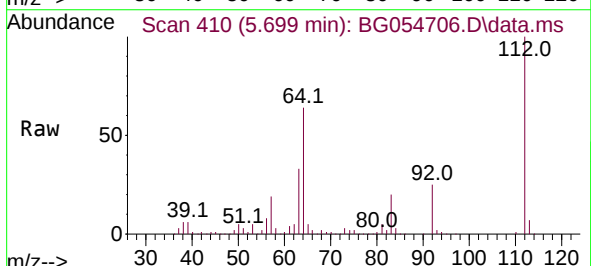
Tgt Ion:152 Resp: 54329
Ion Ratio Lower Upper
152 100
150 153.5 125.2 187.8
115 56.3 47.9 71.9

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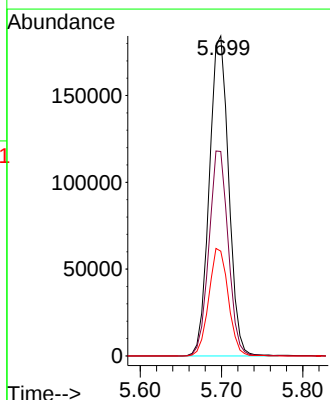
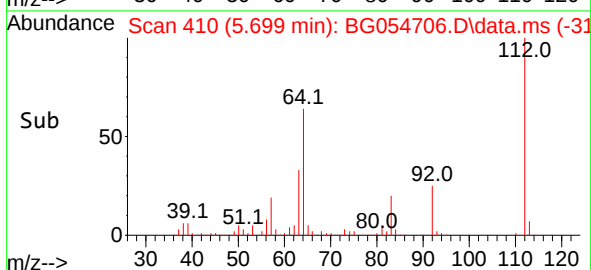
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

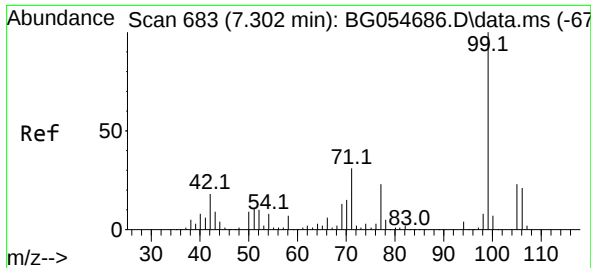


#5
2-Fluorophenol
Concen: 105.908 ng
RT: 5.699 min Scan# 410
Delta R.T. 0.007 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03



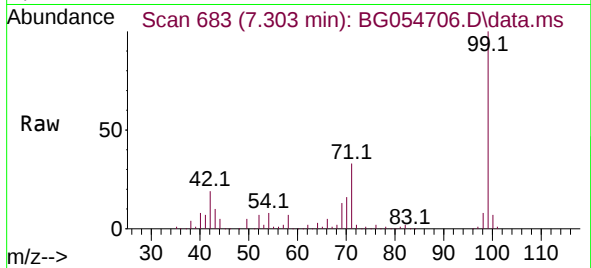
Tgt Ion:112 Resp: 305340
Ion Ratio Lower Upper
112 100
64 63.9 49.3 73.9
63 32.7 26.3 39.5





#7
Phenol-d6
Concen: 102.870 ng
RT: 7.303 min Scan# 683
Delta R.T. 0.001 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03

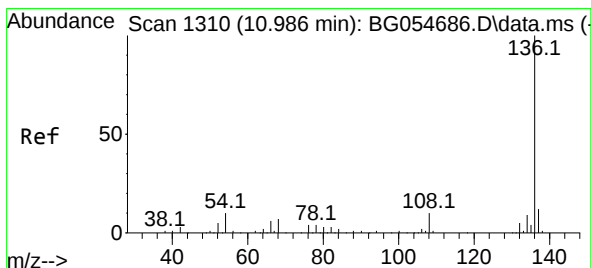
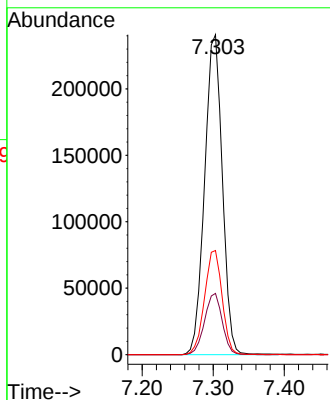
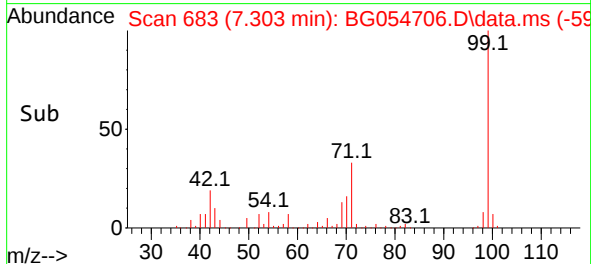
Instrument :
BNA_G
ClientSampleId :
C5



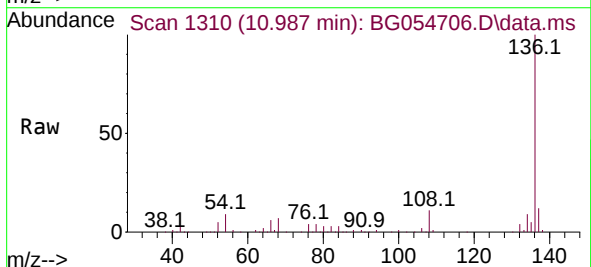
Tgt Ion: 99 Resp: 415569
Ion Ratio Lower Upper
99 100
42 19.1 14.6 22.0
71 32.5 24.6 37.0

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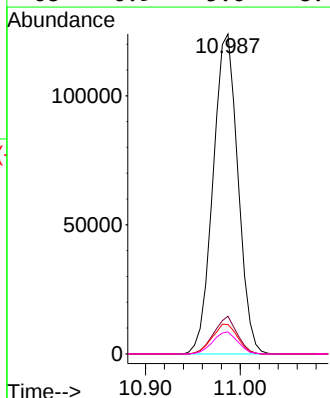
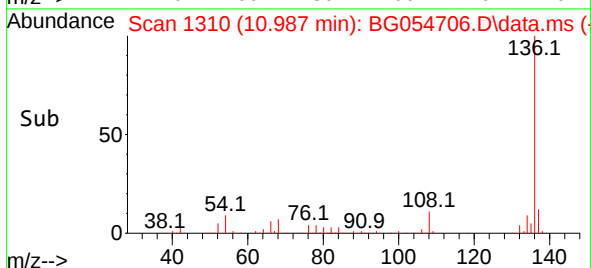
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

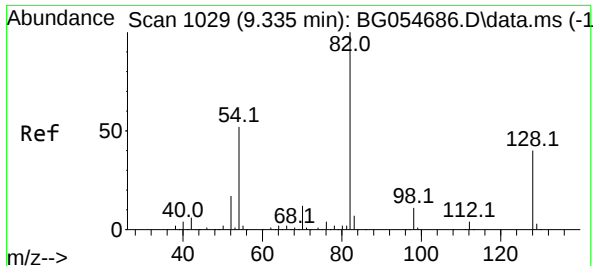


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 1310
Delta R.T. 0.001 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03



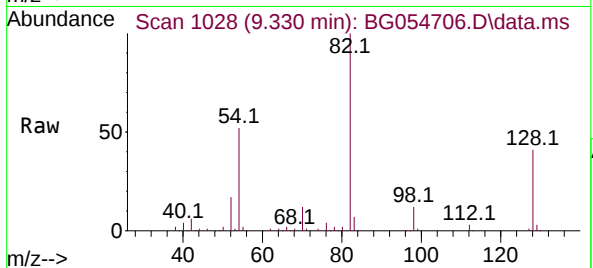
Tgt Ion:136 Resp: 226242
Ion Ratio Lower Upper
136 100
137 11.8 9.2 13.8
54 9.2 7.7 11.5
68 6.9 5.6 8.4





#23
Nitrobenzene-d5
Concen: 63.634 ng
RT: 9.330 min Scan# 1029
Delta R.T. -0.005 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03

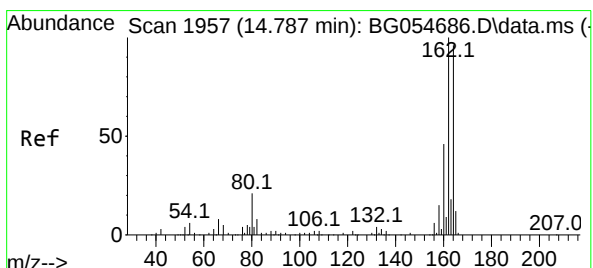
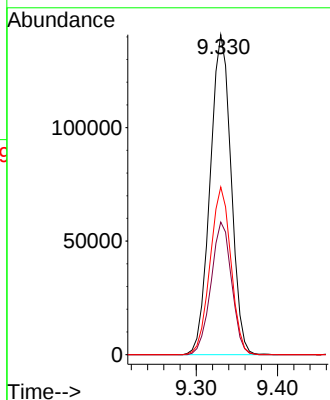
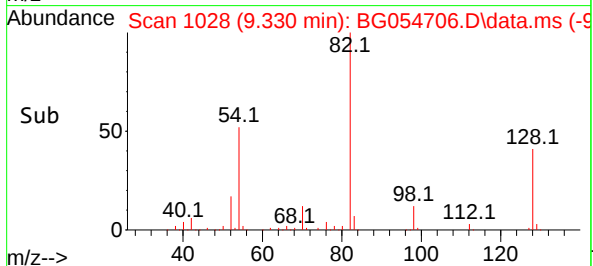
Instrument :
BNA_G
ClientSampleId :
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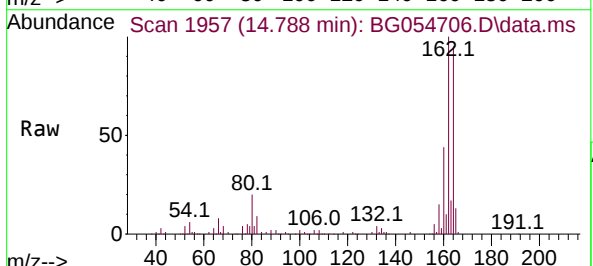
Tgt Ion: 82 Resp: 252624
Ion Ratio Lower Upper
82 100
128 41.4 32.2 48.2
54 52.4 41.4 62.0

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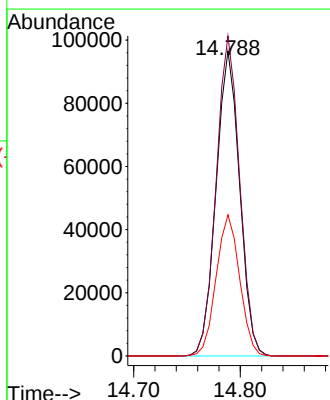
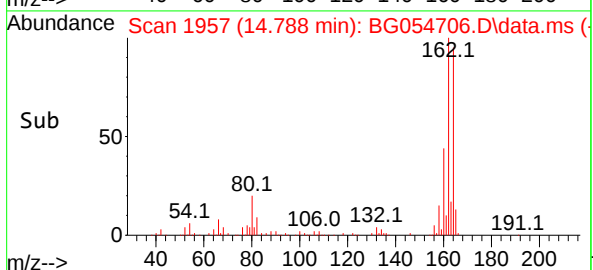
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

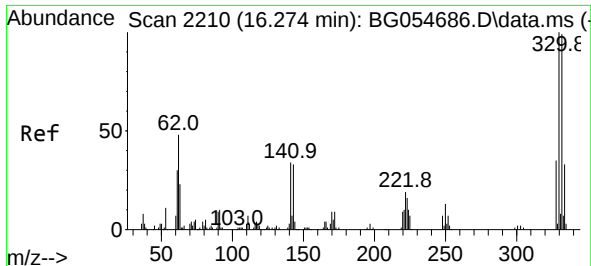


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.788 min Scan# 1957
Delta R.T. 0.001 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03



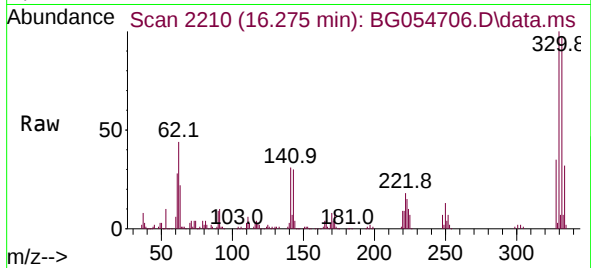
Tgt Ion:164 Resp: 148012
Ion Ratio Lower Upper
164 100
162 104.9 83.0 124.4
160 46.2 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 136.240 ng
RT: 16.275 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03

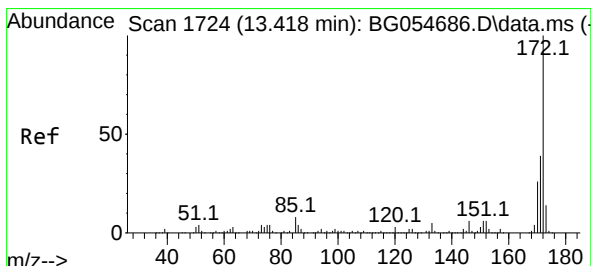
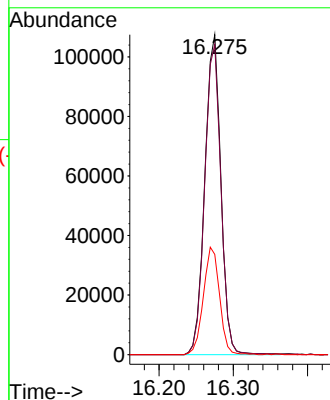
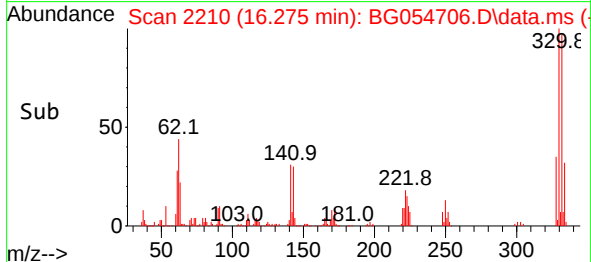
Instrument :
BNA_G
ClientSampleId :
C5



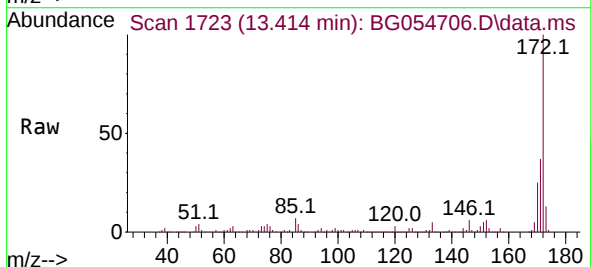
Tgt Ion:330 Resp: 161491
Ion Ratio Lower Upper
330 100
332 97.8 79.8 119.6
141 33.8 26.8 40.2

Manual Integrations
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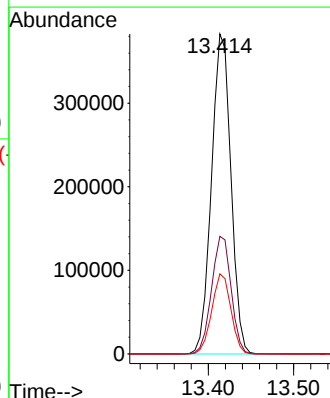
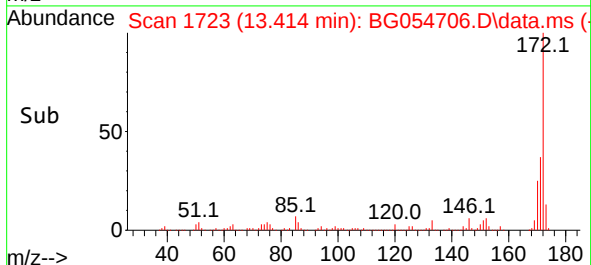
Reviewed By :Christian Giraldo 08/24/2022
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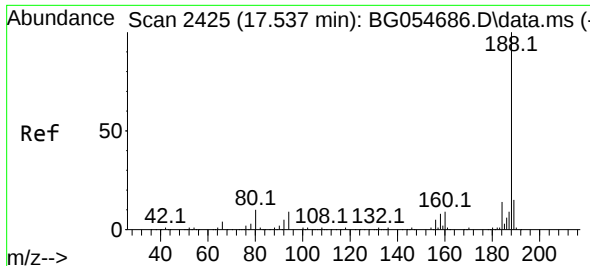


#45
2-Fluorobiphenyl
Concen: 60.227 ng
RT: 13.414 min Scan# 1723
Delta R.T. -0.005 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03



Tgt Ion:172 Resp: 604478
Ion Ratio Lower Upper
172 100
171 36.7 31.2 46.8
170 25.0 20.6 30.8





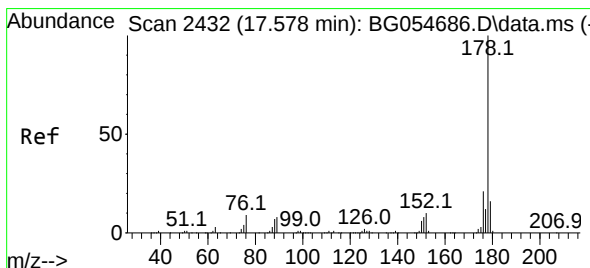
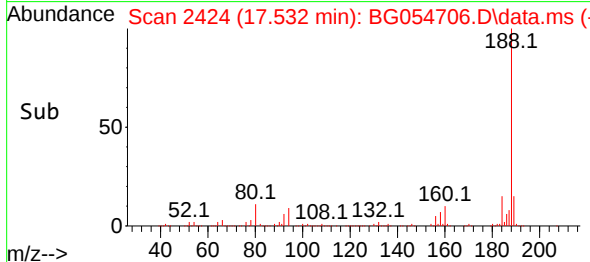
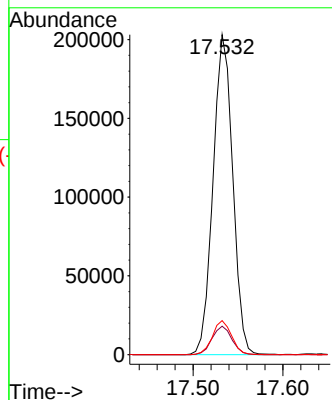
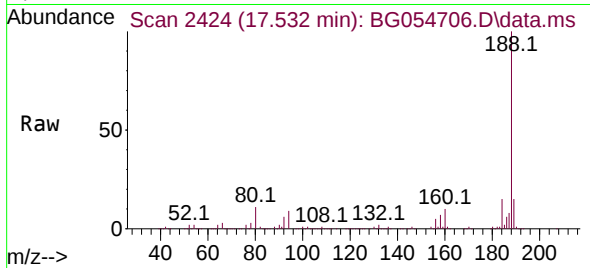
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.532 min Scan# 2425
Delta R.T. -0.005 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03

Instrument :
BNA_G
ClientSampleId :
C5

Tgt Ion:188 Resp: 308852
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 10.6 7.9 11.9

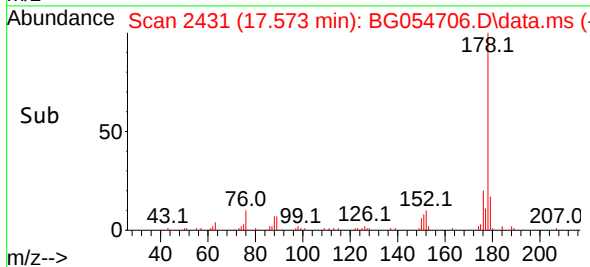
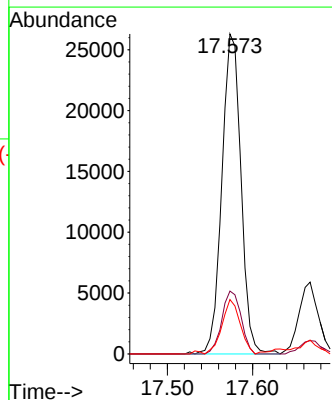
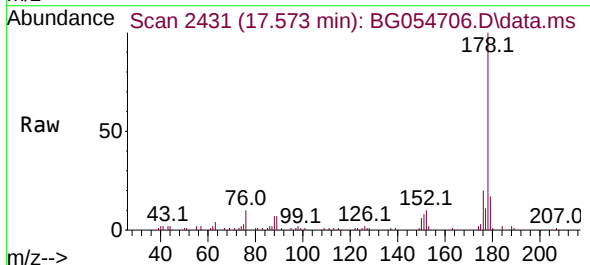
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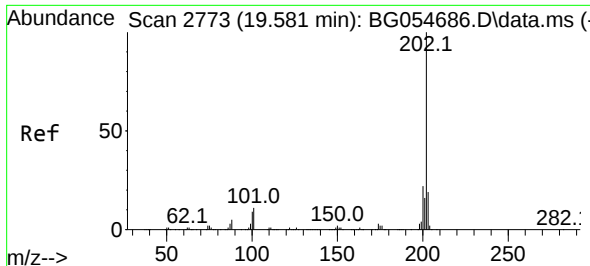
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#71
Phenanthrene
Concen: 2.482 ng
RT: 17.573 min Scan# 2431
Delta R.T. -0.005 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03

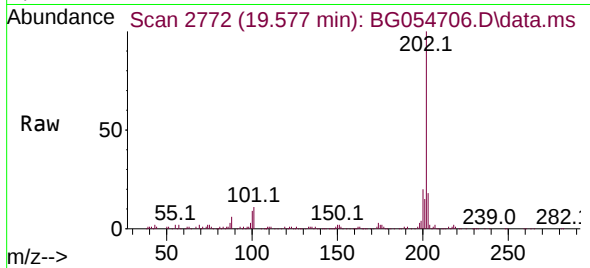
Tgt Ion:178 Resp: 40862
Ion Ratio Lower Upper
178 100
176 19.6 16.6 25.0
179 17.0 12.8 19.2





#75
Fluoranthene
Concen: 5.513 ng
RT: 19.577 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03

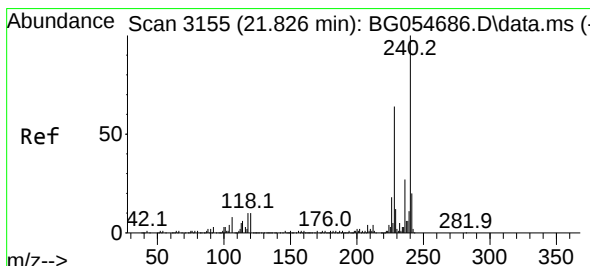
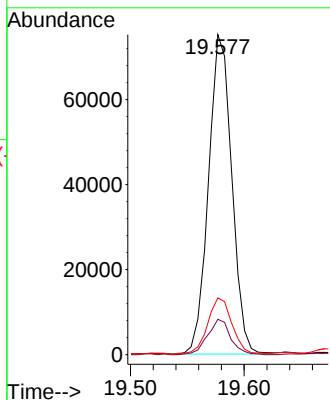
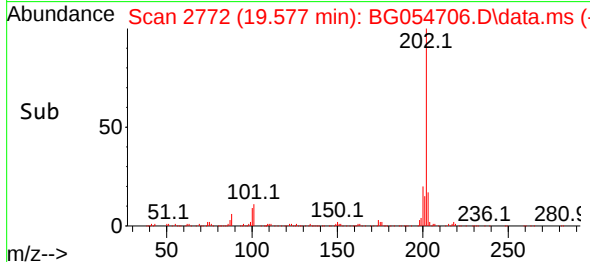
Instrument :
BNA_G
ClientSampleId :
C5



Tgt Ion:202 Resp: 106996
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.4
203 17.7 0.0 38.6

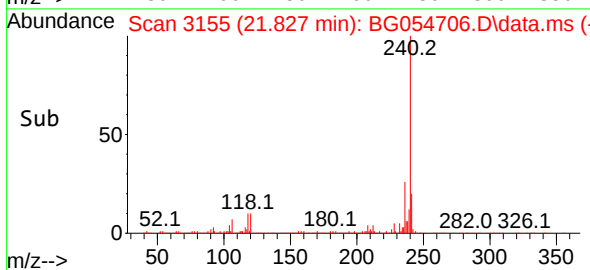
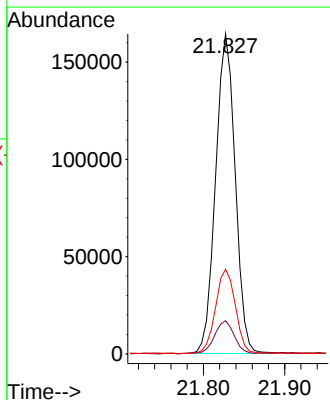
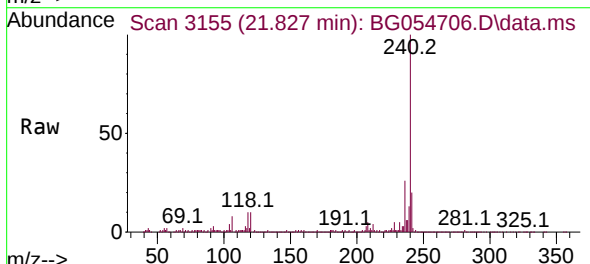
Manual Integrations
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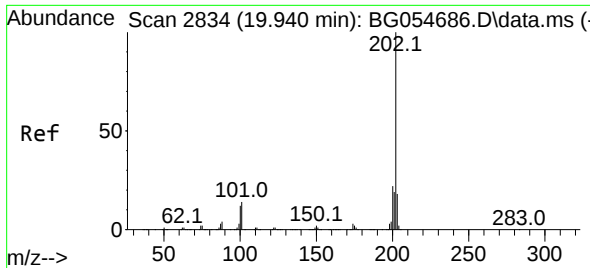
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.827 min Scan# 3155
Delta R.T. 0.001 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03

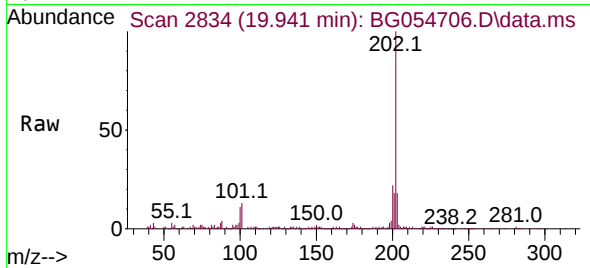
Tgt Ion:240 Resp: 275544
Ion Ratio Lower Upper
240 100
120 10.4 8.2 12.4
236 26.5 21.2 31.8





#78
Pyrene
Concen: 5.418 ng
RT: 19.941 min Scan# 2834
Delta R.T. 0.001 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03

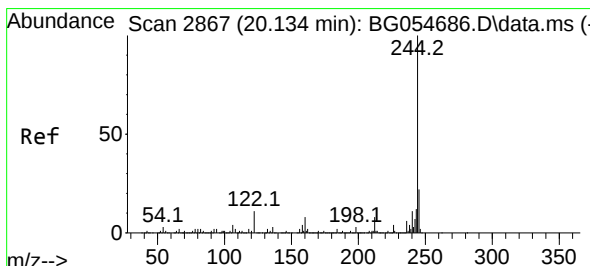
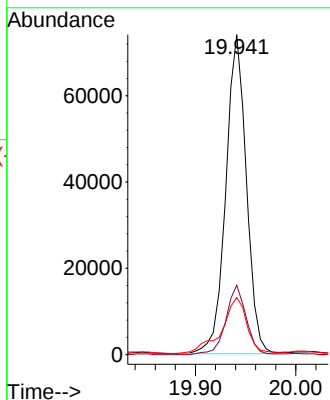
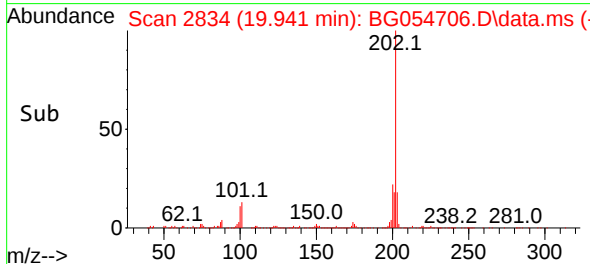
Instrument :
BNA_G
ClientSampleId :
C5



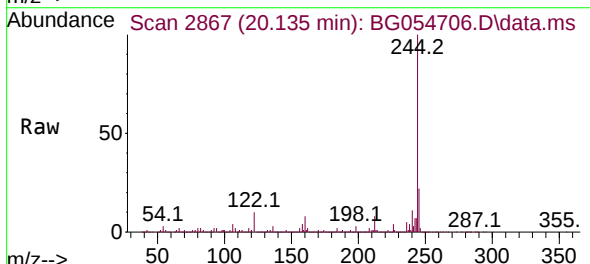
Tgt Ion:202 Resp: 105301
Ion Ratio Lower Upper
202 100
200 21.7 17.8 26.6
203 17.8 14.6 21.8

Manual Integrations
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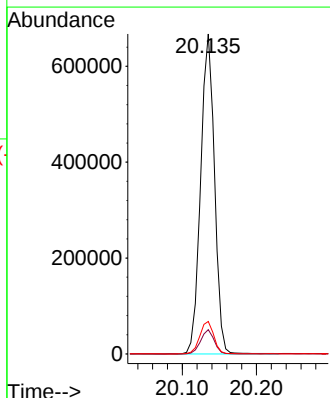
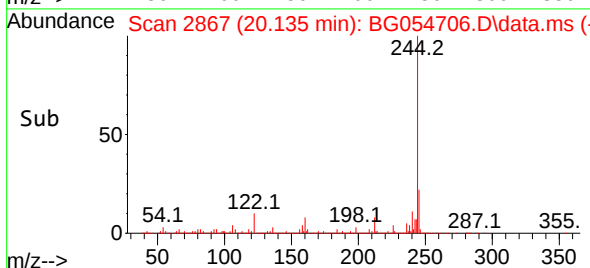
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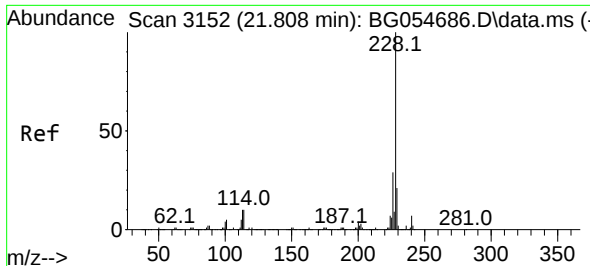


#79
Terphenyl-d14
Concen: 62.409 ng
RT: 20.135 min Scan# 2867
Delta R.T. 0.001 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03



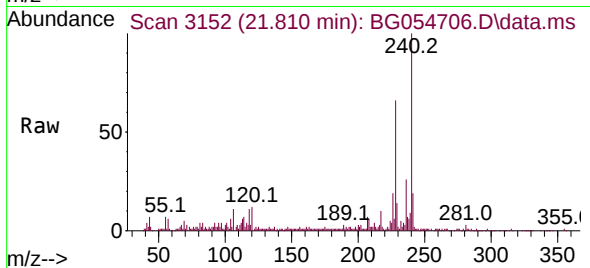
Tgt Ion:244 Resp: 865683
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 10.1 9.0 13.6





#81
Benzo(a)anthracene
Concen: 2.935 ng
RT: 21.810 min Scan# 3152
Delta R.T. 0.001 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03

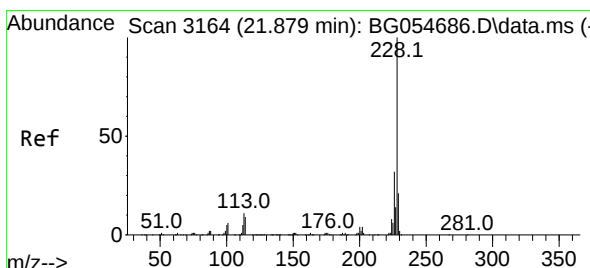
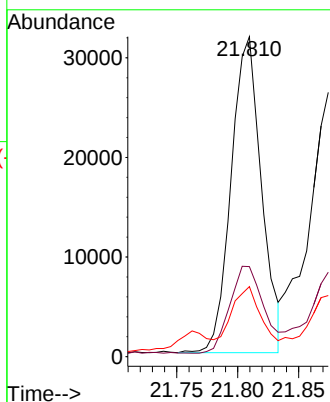
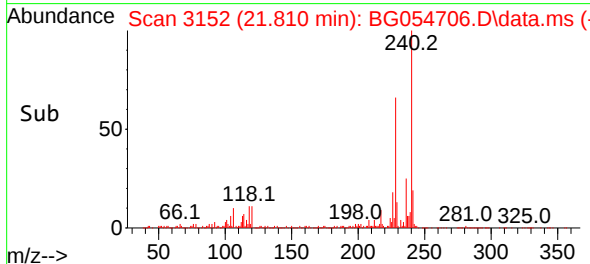
Instrument :
BNA_G
ClientSampleId :
C5



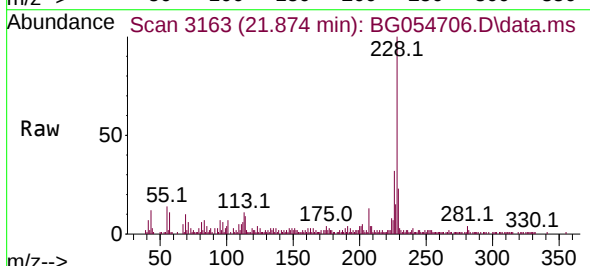
Tgt Ion:228 Resp: 54934
Ion Ratio Lower Upper
228 100
226 28.2 23.4 35.2
229 21.9 16.5 24.7

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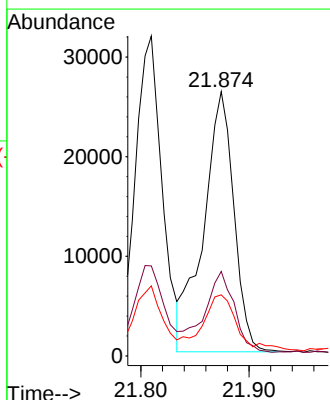
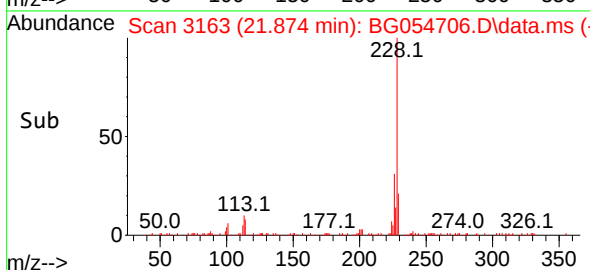
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

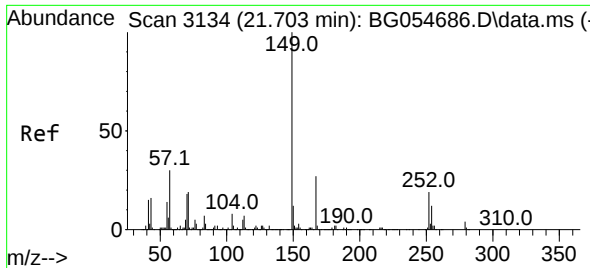


#83
Chrysene
Concen: 2.882 ng m
RT: 21.874 min Scan# 3163
Delta R.T. -0.005 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03



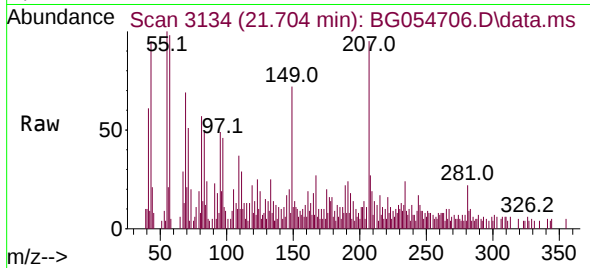
Tgt Ion:228 Resp: 51332
Ion Ratio Lower Upper
228 100
226 32.0 25.5 38.3
229 23.1 16.8 25.2





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.549 ng
RT: 21.704 min Scan# 3134
Delta R.T. 0.001 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03

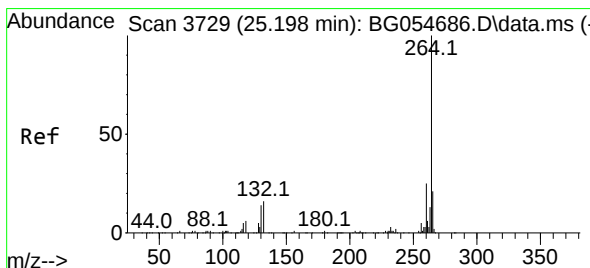
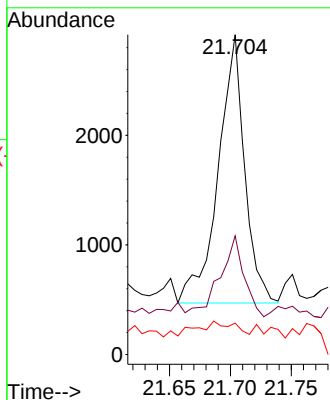
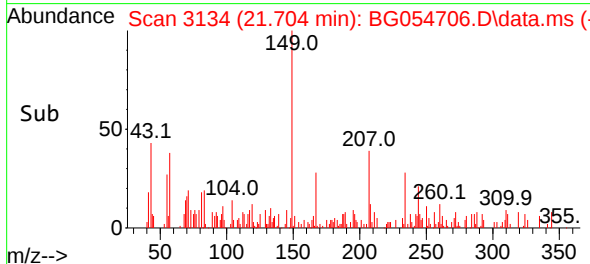
Instrument :
BNA_G
ClientSampleId :
C5



Tgt Ion:149 Resp: 3690
Ion Ratio Lower Upper
149 100
167 37.1 21.4 32.0
279 9.8 3.1 4.7

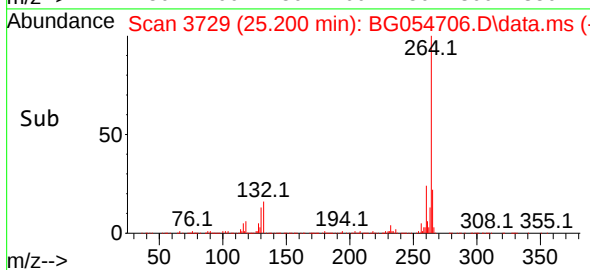
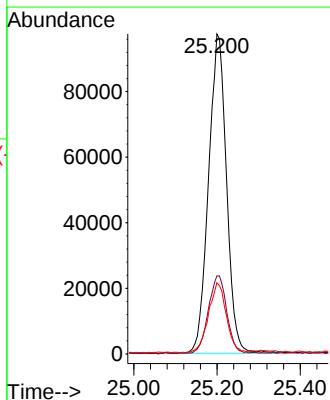
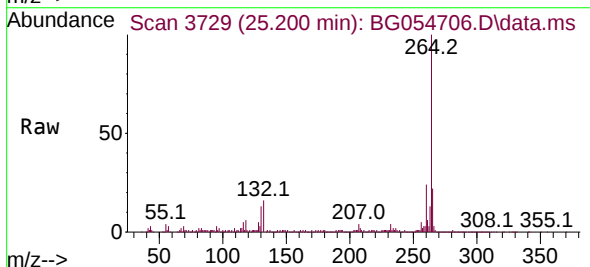
Manual Integrations
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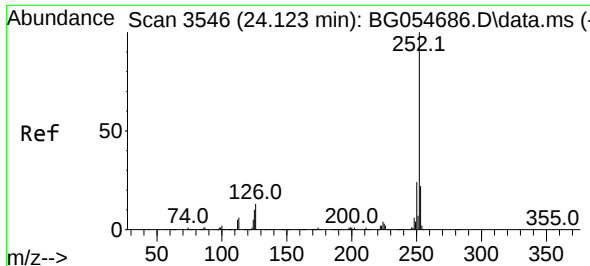
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.200 min Scan# 3729
Delta R.T. 0.001 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03

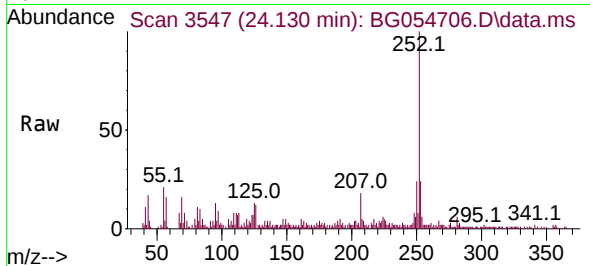
Tgt Ion:264 Resp: 291985
Ion Ratio Lower Upper
264 100
260 24.4 19.9 29.9
265 22.2 16.9 25.3





#88
Benzo(b)fluoranthene
Concen: 3.711 ng
RT: 24.130 min Scan# 3546
Delta R.T. 0.007 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03

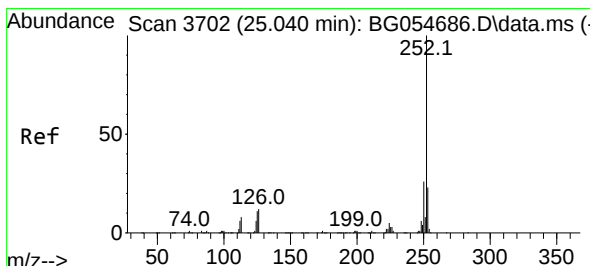
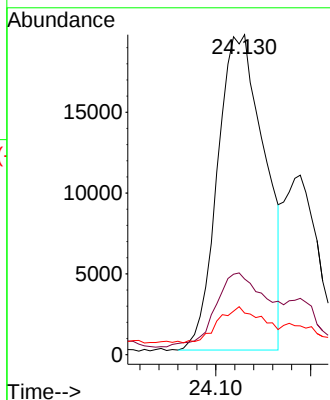
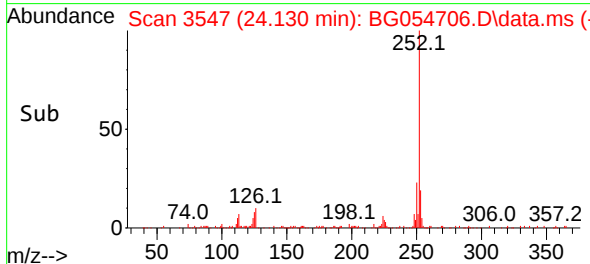
Instrument :
BNA_G
ClientSampleId :
C5



Tgt Ion:252 Resp: 67286
Ion Ratio Lower Upper
252 100
253 23.6 18.0 27.0
125 13.0 8.1 12.1

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



#90
Benzo(a)pyrene
Concen: 3.384 ng
RT: 25.035 min Scan# 3701
Delta R.T. -0.005 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03

Tgt Ion:252 Resp: 52667
Ion Ratio Lower Upper
252 100
253 24.9 18.3 27.5
125 14.8 8.8 13.2

