

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072822\
 Data File : BG054440.D
 Acq On : 28 Jul 2022 20:41
 Operator : CG/JU
 Sample : N3906-01DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-7-7-26-22DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/29/2022
 Supervised By : Jagrut Upadhyay 07/29/2022

Quant Time: Jul 29 04:09:47 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	7.987	152	19465	20.000	ng	0.00
21) Naphthalene-d8	10.796	136	76827	20.000	ng	# 0.00
39) Acenaphthene-d10	14.621	164	60800	20.000	ng	0.00
64) Phenanthrene-d10	17.370	188	148074	20.000	ng	# 0.00
76) Chrysene-d12	21.636	240	161291	20.000	ng	# 0.00
86) Perylene-d12	24.844	264	167579	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	18668	20.024	ng	0.00
7) Phenol-d6	7.177	99	25496	19.958	ng	0.00
23) Nitrobenzene-d5	9.151	82	16750	11.873	ng	0.00
42) 2,4,6-Tribromophenol	16.119	330	23999	18.800	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	55151	12.796	ng	0.00
79) Terphenyl-d14	19.979	244	112378	13.822	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.412	178	59854	8.117	ng	98
72) Anthracene	17.500	178	17318	2.393	ng	96
75) Fluoranthene	19.427	202	233264	23.206	ng	95
78) Pyrene	19.785	202	207551	22.426	ng	99
81) Benzo(a)anthracene	21.618	228	155271	15.165	ng	99
83) Chrysene	21.683	228	125841	13.009	ng	95
87) Indeno(1,2,3-cd)pyrene	28.510	276	78828	6.183	ng	95
88) Benzo(b)fluoranthene	23.828	252	188425	19.013	ng	# 96
89) Benzo(k)fluoranthene	23.886	252	74576m	7.561	ng	
90) Benzo(a)pyrene	24.691	252	129886m	15.346	ng	
92) Benzo(g,h,i)perylene	29.656	276	65035	6.286	ng	# 93

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

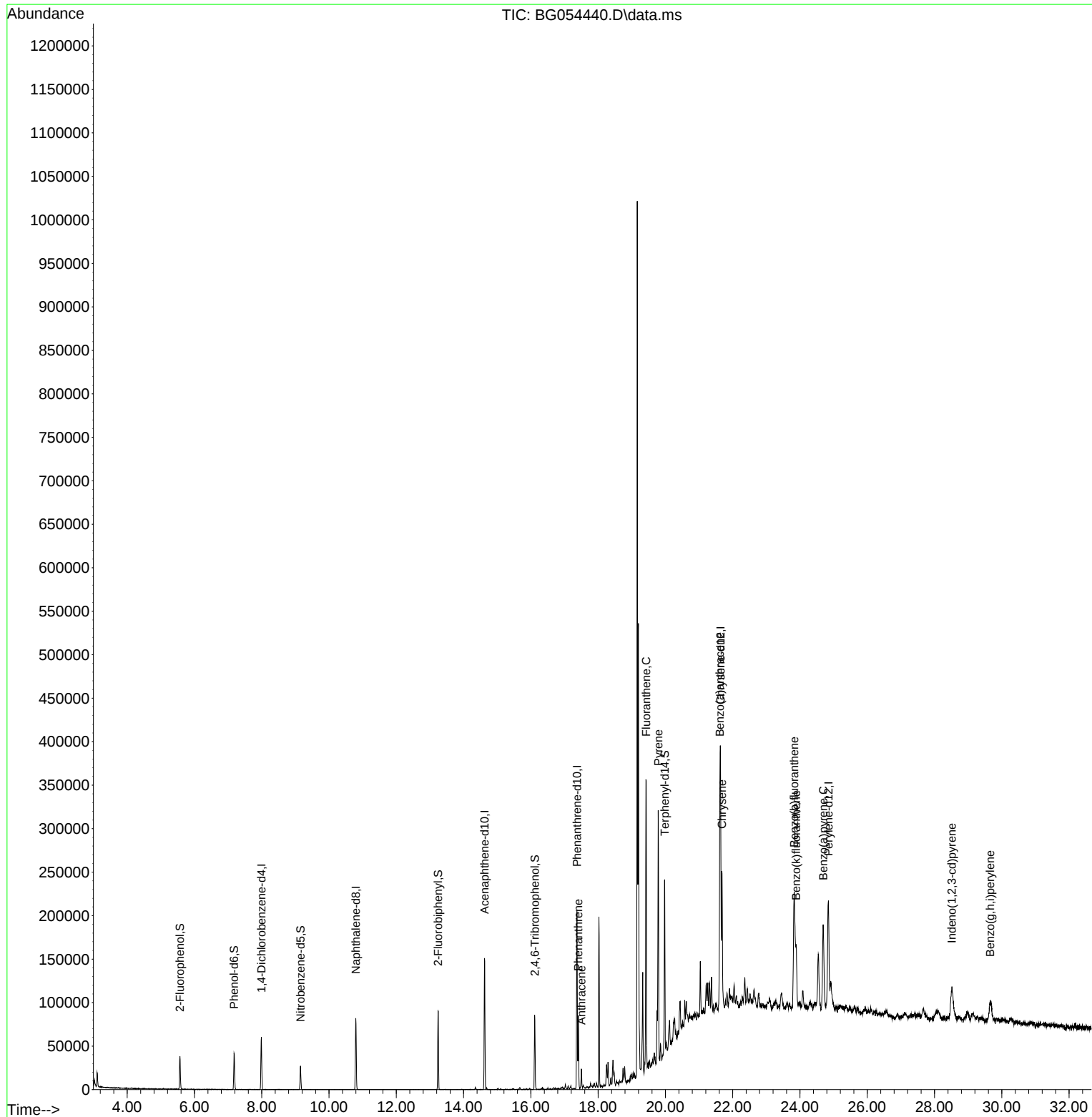
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072822\
Data File : BG054440.D
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ALS Vial : 16 Sample Multiplier: 1

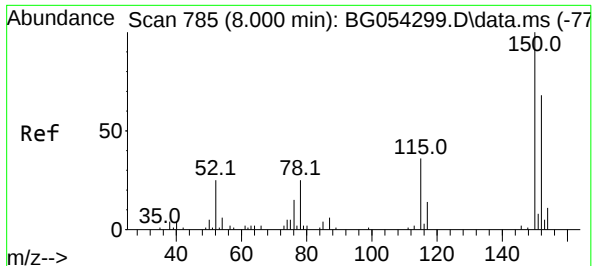
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NB-7-7-26-22DL

Quant Time: Jul 29 04:09:47 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
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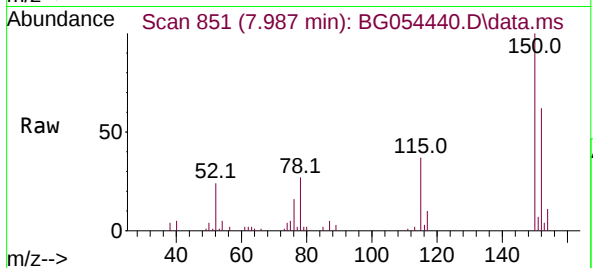
Reviewed By : Christian Giraldo 07/29/2022
Supervised By : Jagrut Upadhyay 07/29/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG054440.D
Acq: 28 Jul 2022 20:41

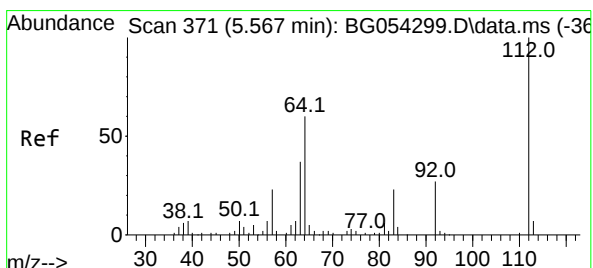
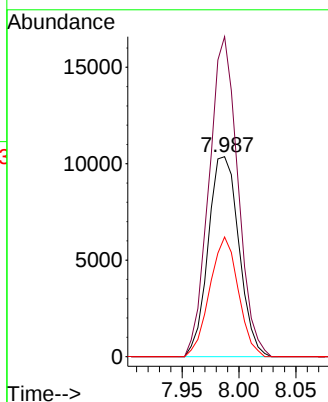
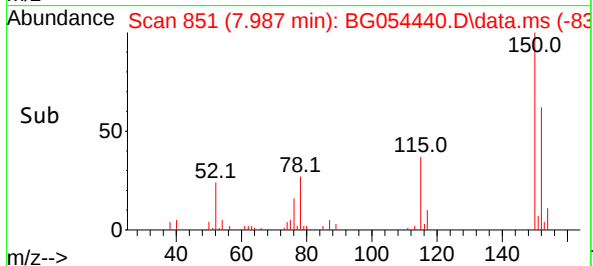
Instrument :
BNA_G
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NB-7-7-26-22DL



Tgt Ion:152 Resp: 19468
Ion Ratio Lower Upper
152 100
150 160.0 131.6 197.4
115 59.8 50.9 76.3

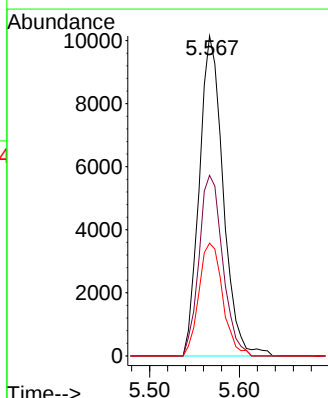
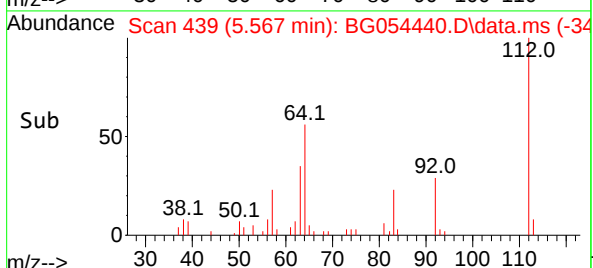
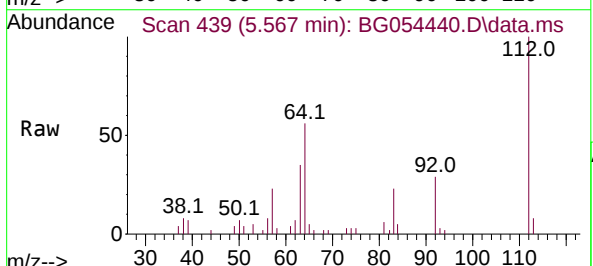
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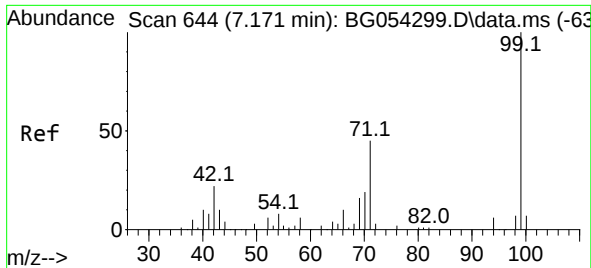
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#5
2-Fluorophenol
Concen: 20.024 ng
RT: 5.567 min Scan# 439
Delta R.T. 0.005 min
Lab File: BG054440.D
Acq: 28 Jul 2022 20:41

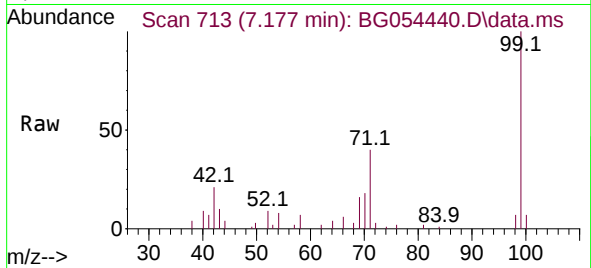
Tgt Ion:112 Resp: 18668
Ion Ratio Lower Upper
112 100
64 56.4 55.1 82.7
63 35.2 30.4 45.6





#7
Phenol-d6
Concen: 19.958 ng
RT: 7.177 min Scan# 71
Delta R.T. 0.005 min
Lab File: BG054440.D
Acq: 28 Jul 2022 20:41

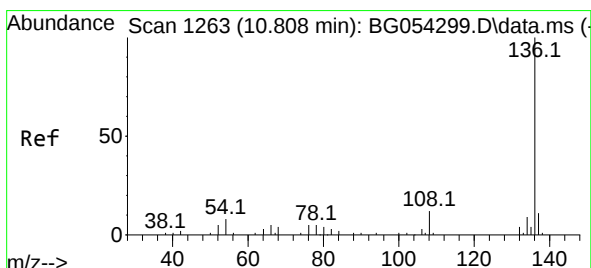
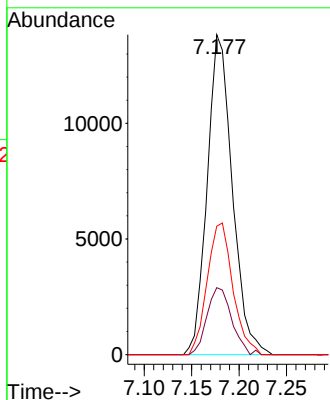
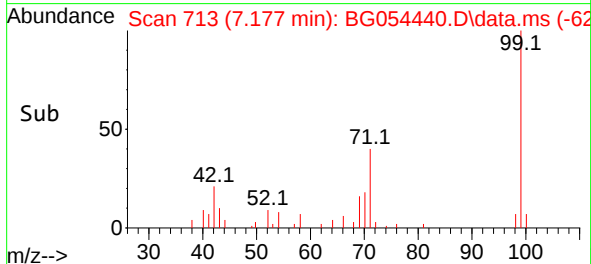
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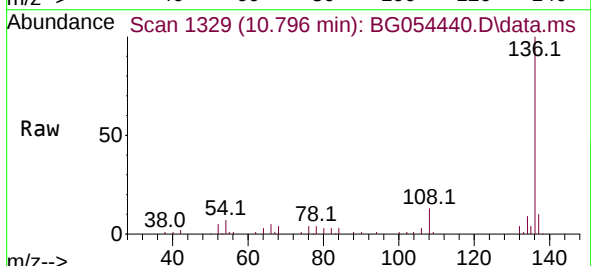
Tgt Ion: 99 Resp: 25496
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 40.1 33.8 50.8

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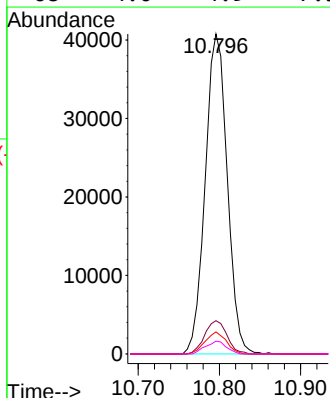
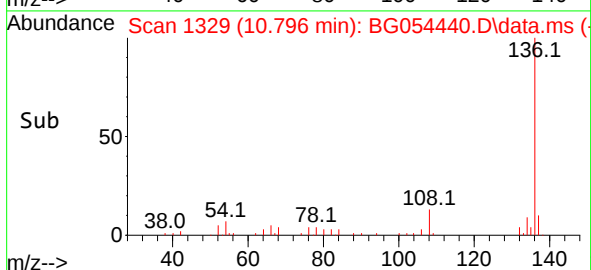
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

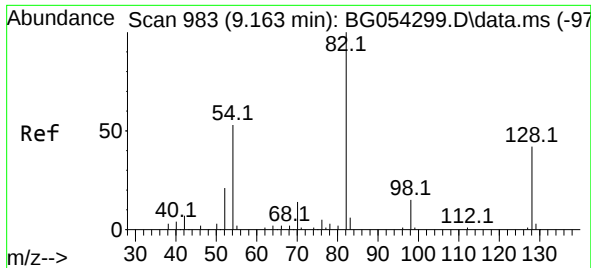


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.796 min Scan# 1329
Delta R.T. -0.001 min
Lab File: BG054440.D
Acq: 28 Jul 2022 20:41



Tgt Ion:136 Resp: 76827
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 6.9 7.4 11.2#
68 4.0 4.9 7.3#





#23
Nitrobenzene-d5
Concen: 11.873 ng
RT: 9.151 min Scan# 1049
Delta R.T. -0.001 min
Lab File: BG054440.D
Acq: 28 Jul 2022 20:41

Instrument :

BNA_G

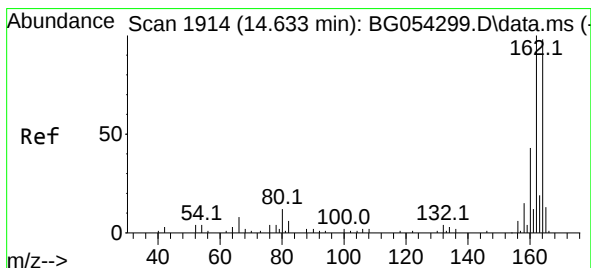
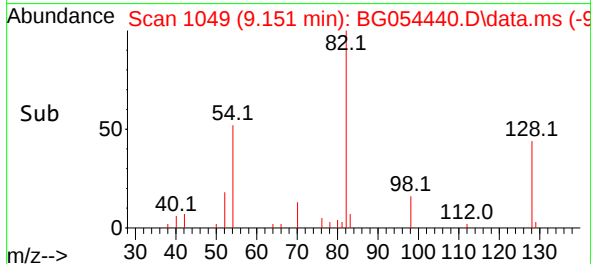
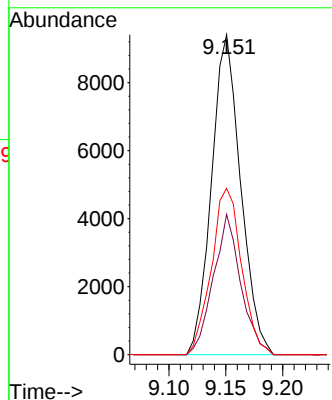
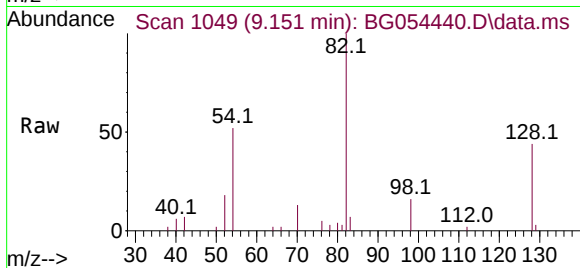
ClientSampleId :

NB-7-7-26-22DL

Tgt Ion: 82 Resp: 16750
Ion Ratio Lower Upper
82 100
128 43.8 27.9 41.9
54 52.0 41.2 61.8

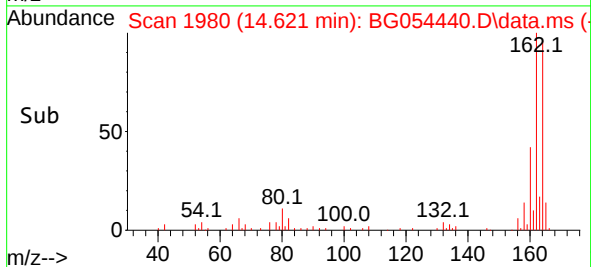
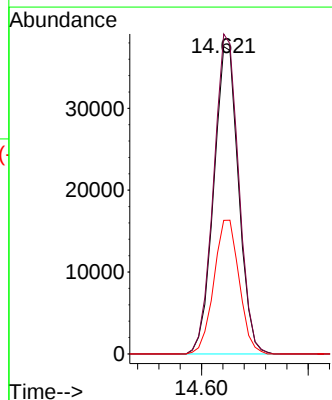
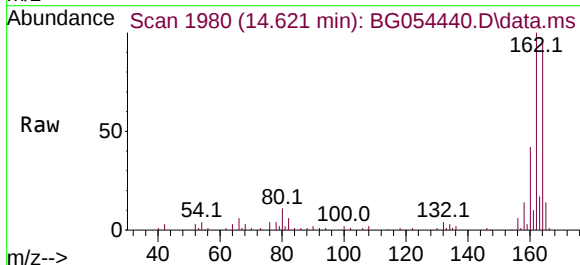
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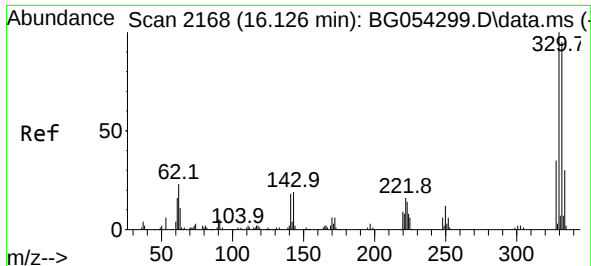
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.001 min
Lab File: BG054440.D
Acq: 28 Jul 2022 20:41

Tgt Ion:164 Resp: 60800
Ion Ratio Lower Upper
164 100
162 104.1 82.3 123.5
160 43.4 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 18.800 ng
RT: 16.119 min Scan# 2168
Delta R.T. 0.005 min
Lab File: BG054440.D
Acq: 28 Jul 2022 20:41

Instrument :

BNA_G

ClientSampleId :

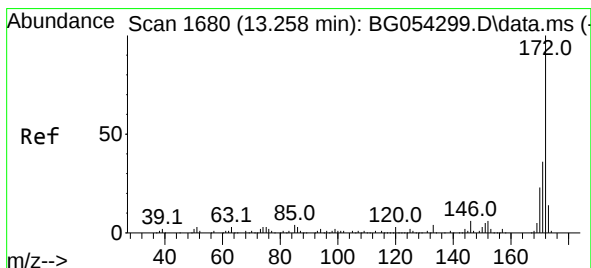
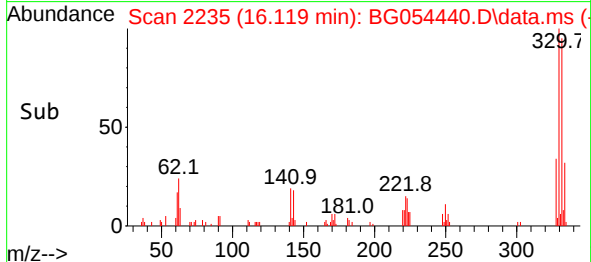
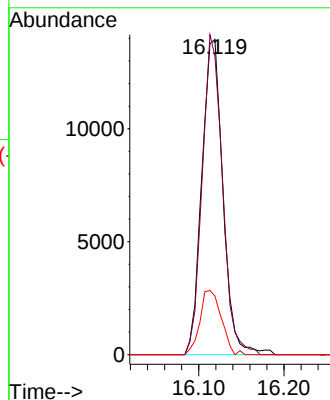
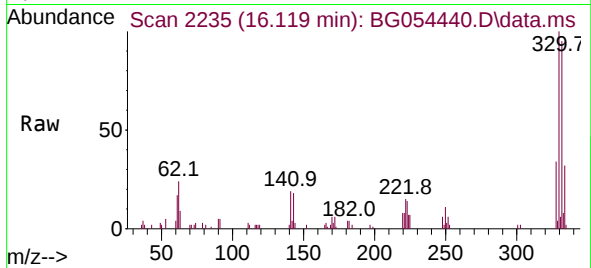
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Tgt Ion:330 Resp: 23995
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 20.6 27.1 40.7

Manual Integrations

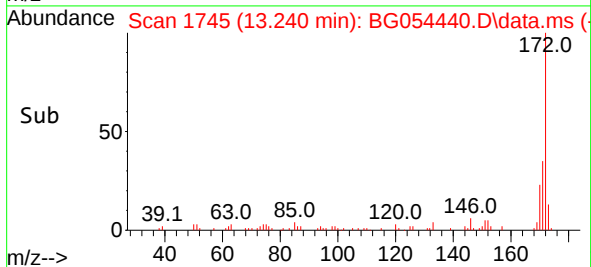
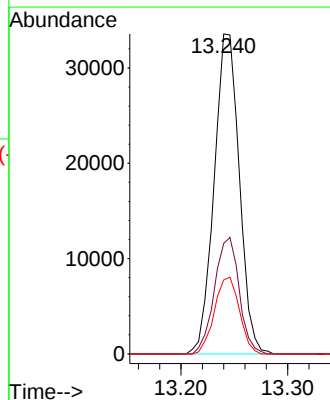
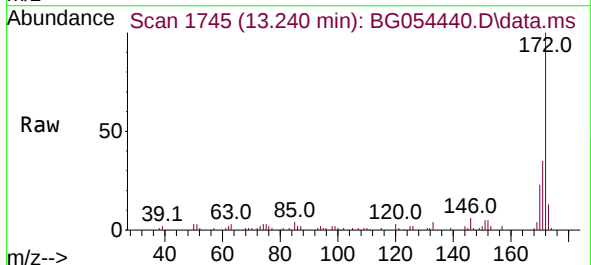
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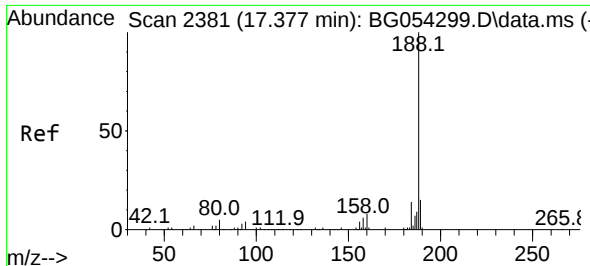
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#45
2-Fluorobiphenyl
Concen: 12.796 ng
RT: 13.240 min Scan# 1745
Delta R.T. -0.007 min
Lab File: BG054440.D
Acq: 28 Jul 2022 20:41

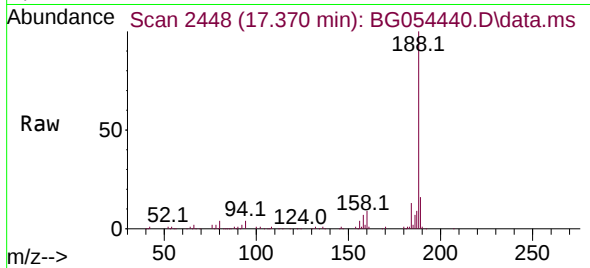
Tgt Ion:172 Resp: 55151
Ion Ratio Lower Upper
172 100
171 34.5 28.5 42.7
170 23.1 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.370 min Scan# 2448
Delta R.T. -0.001 min
Lab File: BG054440.D
Acq: 28 Jul 2022 20:41

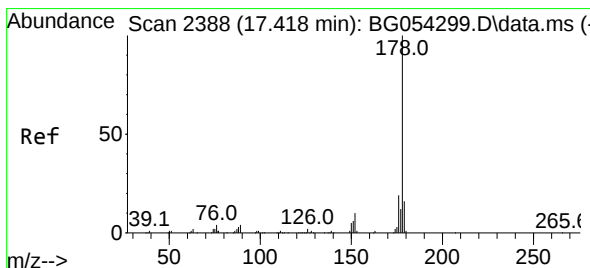
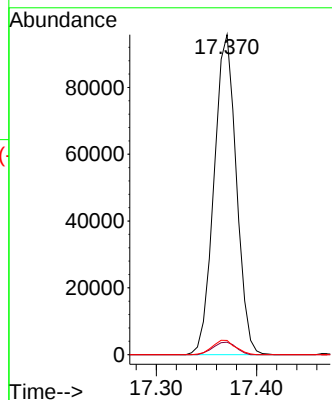
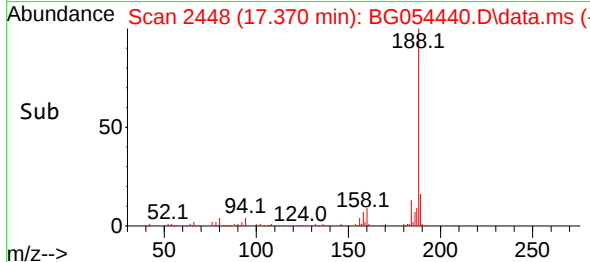
Instrument :
BNA_G
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NB-7-7-26-22DL



Tgt Ion:188 Resp: 148074
Ion Ratio Lower Upper
188 100
94 3.9 5.4 8.0
80 4.4 6.8 10.2

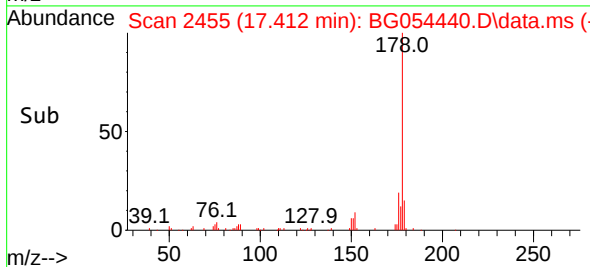
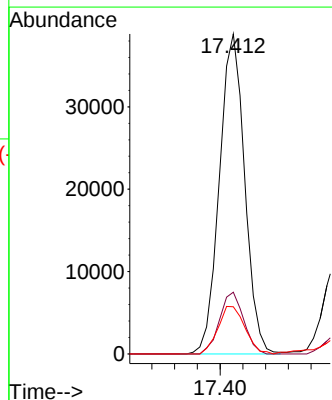
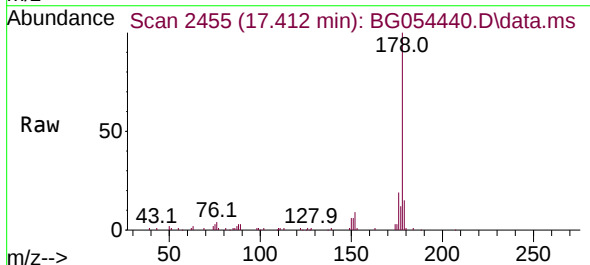
Manual Integrations
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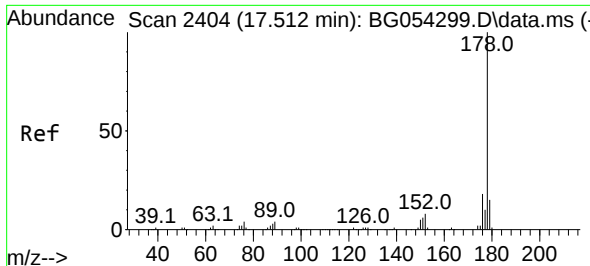
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#71
Phenanthrene
Concen: 8.117 ng
RT: 17.412 min Scan# 2455
Delta R.T. -0.001 min
Lab File: BG054440.D
Acq: 28 Jul 2022 20:41

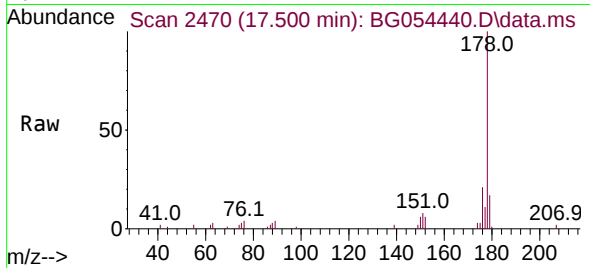
Tgt Ion:178 Resp: 59854
Ion Ratio Lower Upper
178 100
176 19.3 14.1 21.1
179 14.7 12.1 18.1





#72
 Anthracene
 Concen: 2.393 ng
 RT: 17.500 min Scan# 2404
 Delta R.T. -0.001 min
 Lab File: BG054440.D
 Acq: 28 Jul 2022 20:41

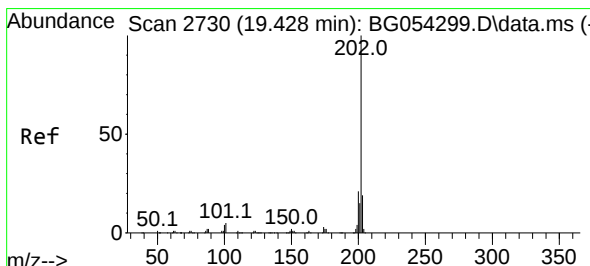
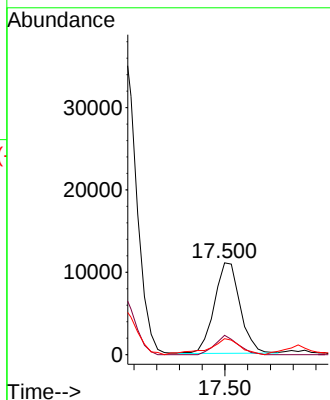
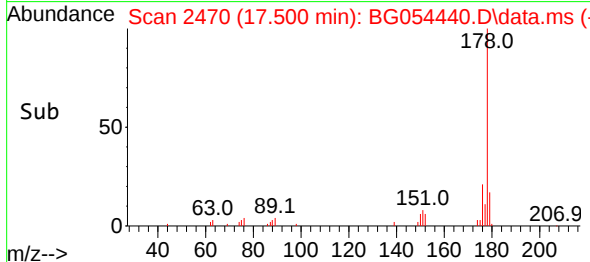
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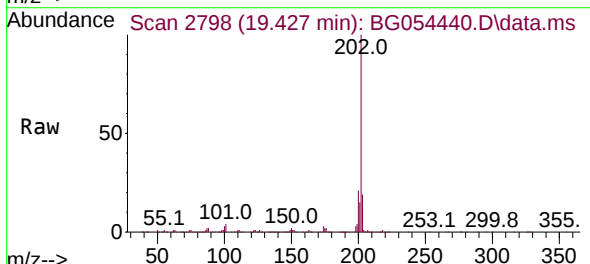
Tgt Ion:178 Resp: 17318
 Ion Ratio Lower Upper
 178 100
 176 21.1 15.2 22.8
 179 17.3 13.0 19.4

Manual Integrations
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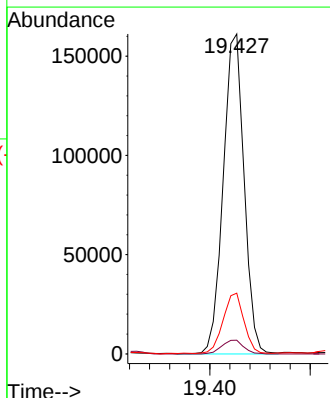
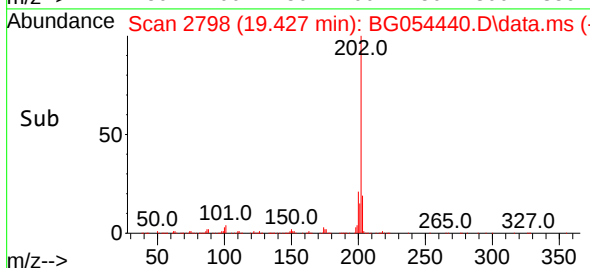
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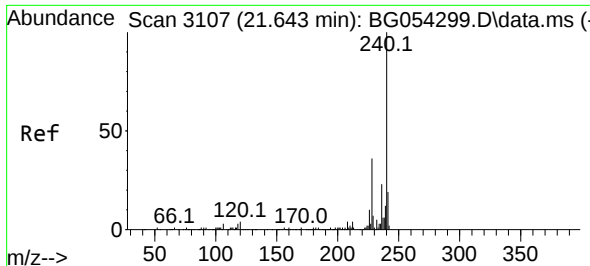


#75
 Fluoranthene
 Concen: 23.206 ng
 RT: 19.427 min Scan# 2798
 Delta R.T. 0.005 min
 Lab File: BG054440.D
 Acq: 28 Jul 2022 20:41



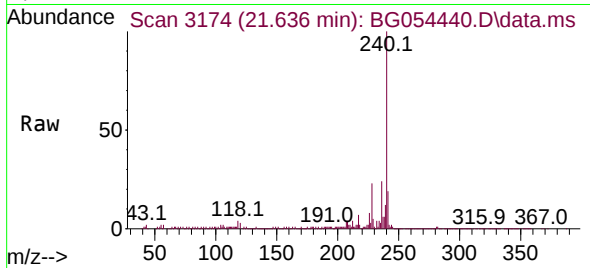
Tgt Ion:202 Resp: 233264
 Ion Ratio Lower Upper
 202 100
 101 4.3 0.0 26.9
 203 19.0 0.0 37.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3107
Delta R.T. -0.001 min
Lab File: BG054440.D
Acq: 28 Jul 2022 20:41

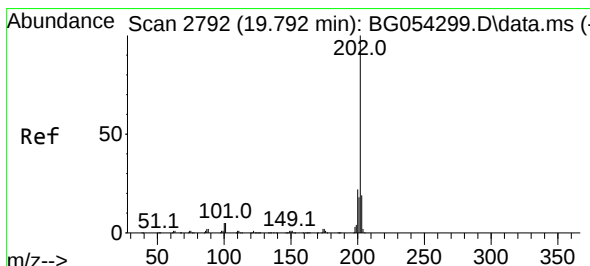
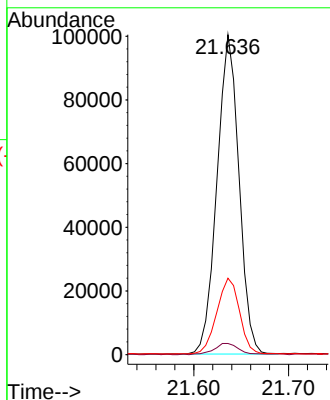
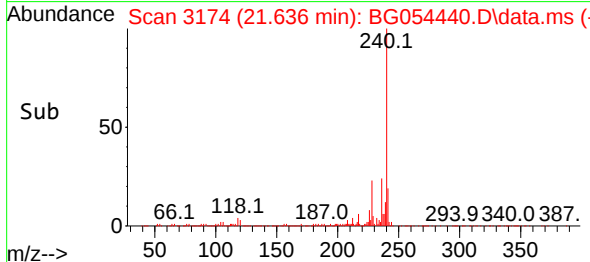
Instrument :
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NB-7-7-26-22DL



Tgt Ion:240 Resp: 161291
Ion Ratio Lower Upper
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120 3.5 4.6 7.0
236 23.9 20.2 30.4

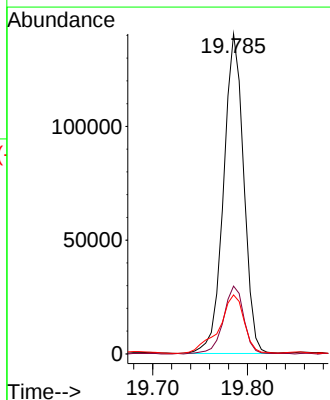
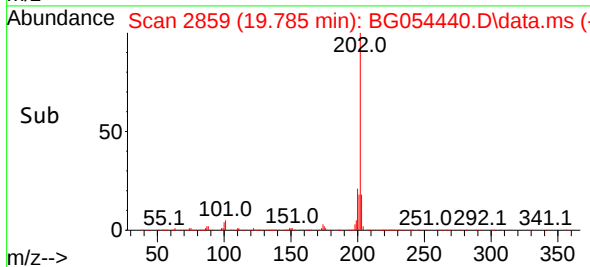
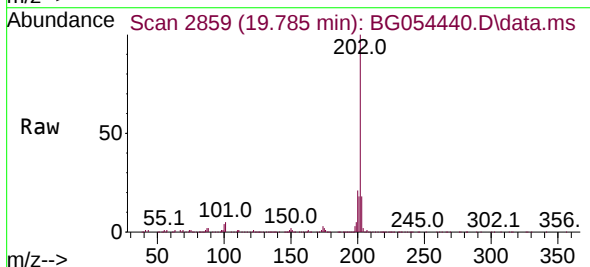
Manual Integrations
APPROVED

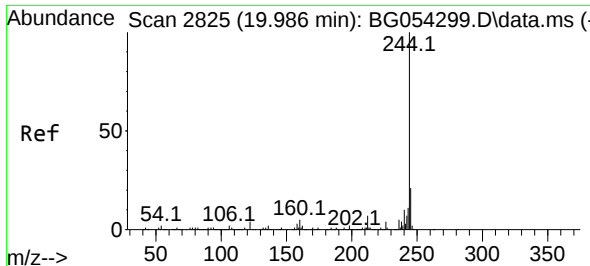
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#78
Pyrene
Concen: 22.426 ng
RT: 19.785 min Scan# 2859
Delta R.T. -0.001 min
Lab File: BG054440.D
Acq: 28 Jul 2022 20:41

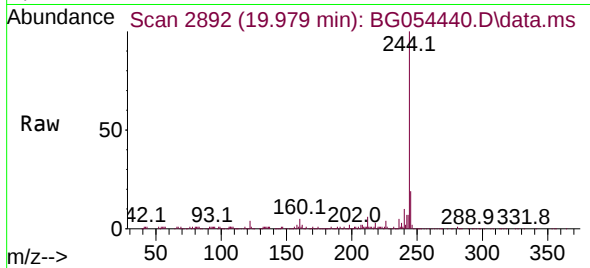
Tgt Ion:202 Resp: 207551
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 18.4 14.6 21.8





#79
 Terphenyl-d14
 Concen: 13.822 ng
 RT: 19.979 min Scan# 2825
 Delta R.T. -0.001 min
 Lab File: BG054440.D
 Acq: 28 Jul 2022 20:41

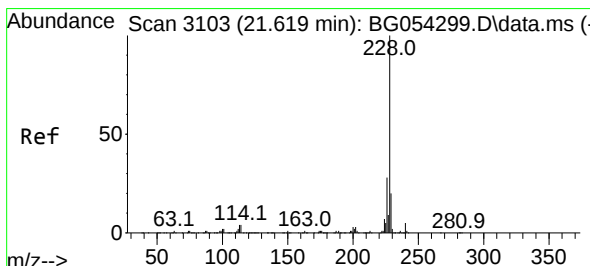
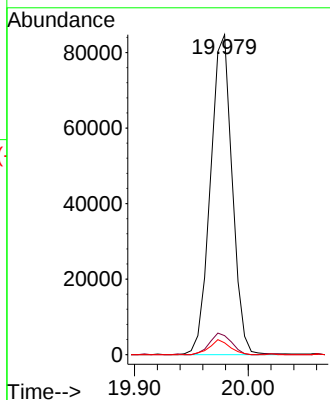
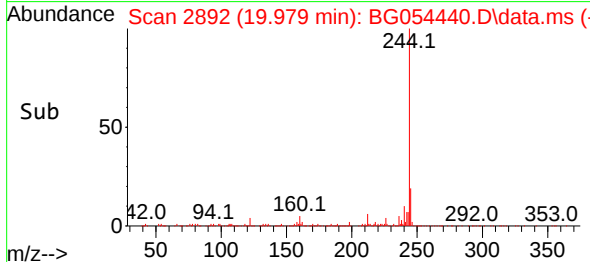
Instrument :
 BNA_G
 ClientSampleId :
 NB-7-7-26-22DL



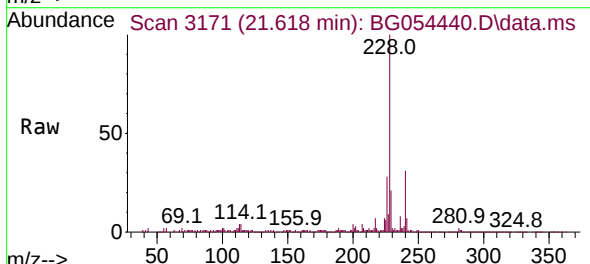
Tgt Ion:244 Resp: 112378
 Ion Ratio Lower Upper
 244 100
 212 5.9 6.5 9.7
 122 3.7 5.0 7.4

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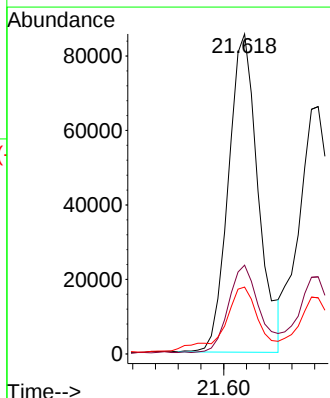
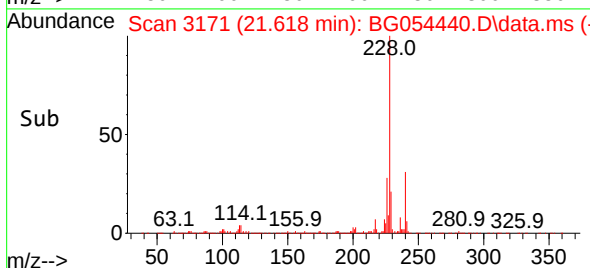
Reviewed By :Christian Giraldo 07/29/2022
 Supervised By :Jagrut Upadhyay 07/29/2022

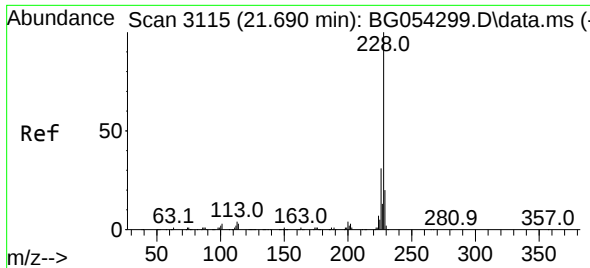


#81
 Benzo(a)anthracene
 Concen: 15.165 ng
 RT: 21.618 min Scan# 3171
 Delta R.T. 0.005 min
 Lab File: BG054440.D
 Acq: 28 Jul 2022 20:41



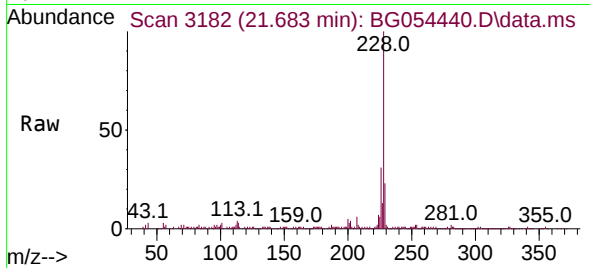
Tgt Ion:228 Resp: 155271
 Ion Ratio Lower Upper
 228 100
 226 27.7 21.6 32.4
 229 20.9 16.2 24.2





#83
Chrysene
Concen: 13.009 ng
RT: 21.683 min Scan# 3115
Delta R.T. -0.001 min
Lab File: BG054440.D
Acq: 28 Jul 2022 20:41

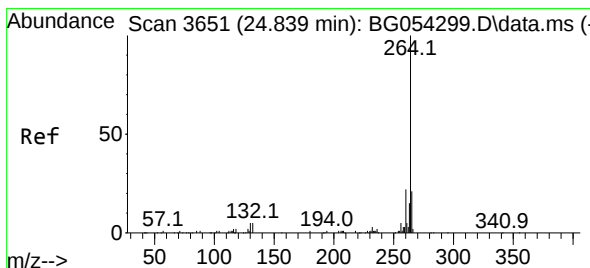
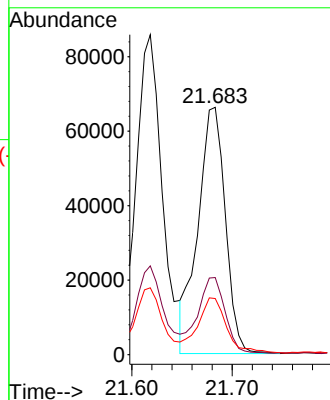
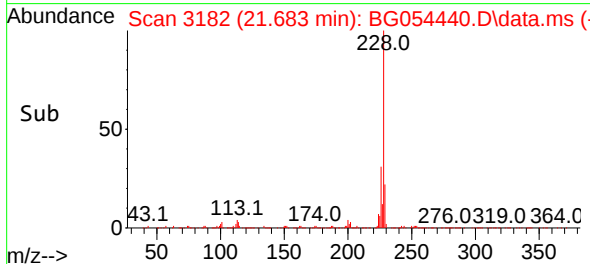
Instrument :
BNA_G
ClientSampleId :
NB-7-7-26-22DL



Tgt Ion:228 Resp: 125841
Ion Ratio Lower Upper
228 100
226 31.2 23.4 35.2
229 22.7 15.5 23.3

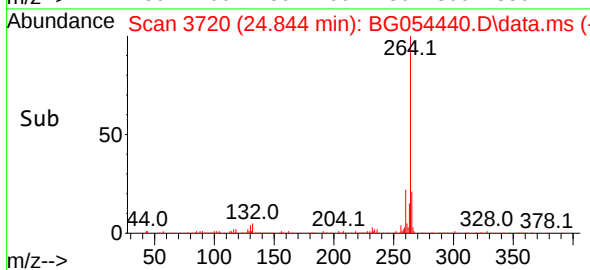
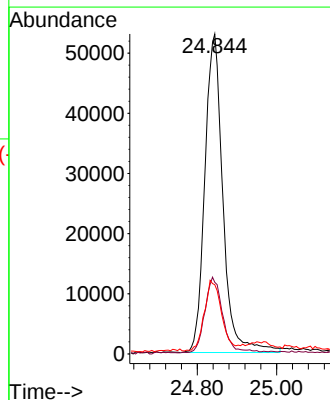
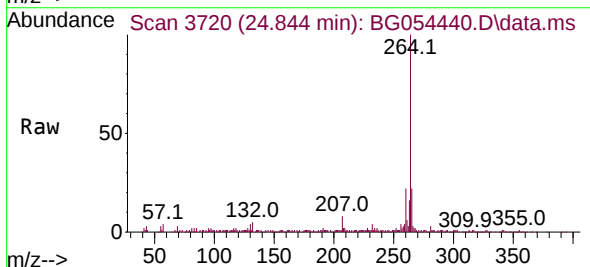
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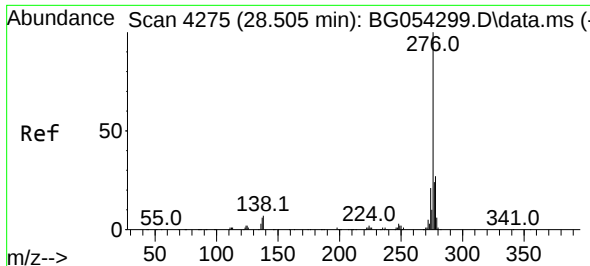
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.844 min Scan# 3720
Delta R.T. 0.011 min
Lab File: BG054440.D
Acq: 28 Jul 2022 20:41

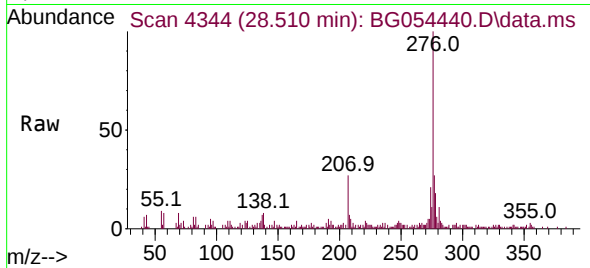
Tgt Ion:264 Resp: 167579
Ion Ratio Lower Upper
264 100
260 22.4 19.0 28.6
265 21.6 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 6.183 ng
 RT: 28.510 min Scan# 4344
 Delta R.T. -0.007 min
 Lab File: BG054440.D
 Acq: 28 Jul 2022 20:41

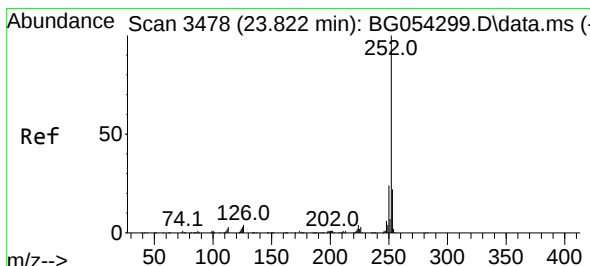
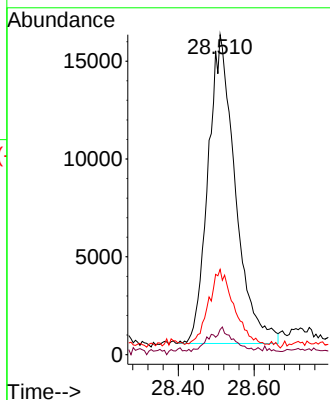
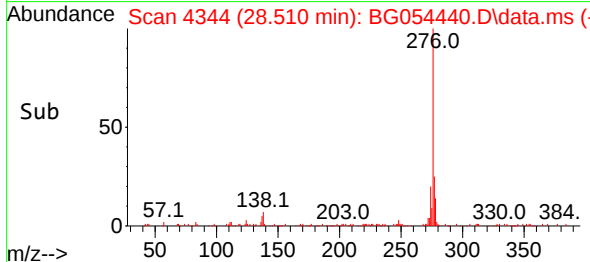
Instrument :
 BNA_G
 ClientSampleId :
 NB-7-7-26-22DL



Tgt Ion:276 Resp: 78828
 Ion Ratio Lower Upper
 276 100
 138 6.9 5.0 7.4
 277 22.5 20.3 30.5

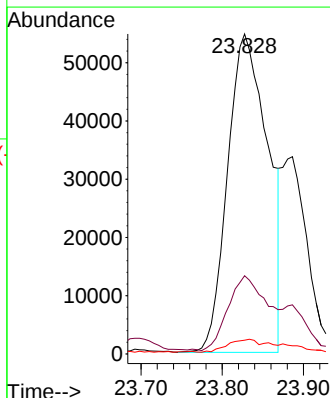
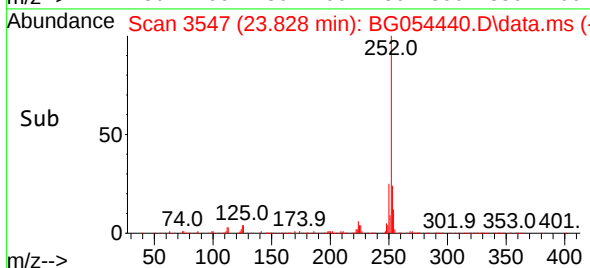
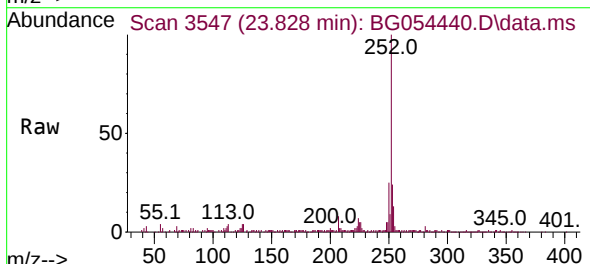
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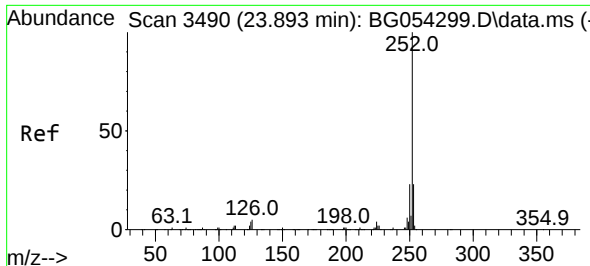
Reviewed By :Christian Giraldo 07/29/2022
 Supervised By :Jagrut Upadhyay 07/29/2022



#88
 Benzo(b)fluoranthene
 Concen: 19.013 ng
 RT: 23.828 min Scan# 3547
 Delta R.T. 0.005 min
 Lab File: BG054440.D
 Acq: 28 Jul 2022 20:41

Tgt Ion:252 Resp: 188425
 Ion Ratio Lower Upper
 252 100
 253 24.4 18.0 27.0
 125 4.3 4.6 6.8#





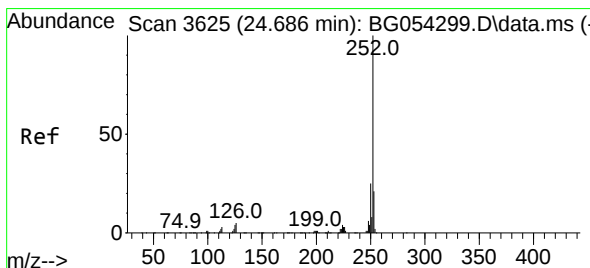
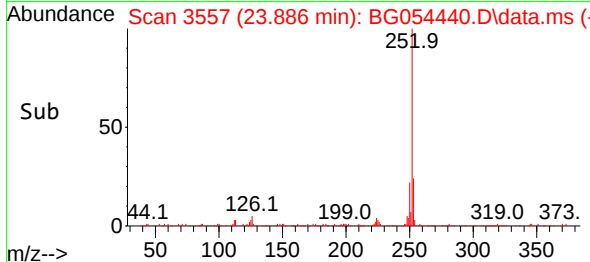
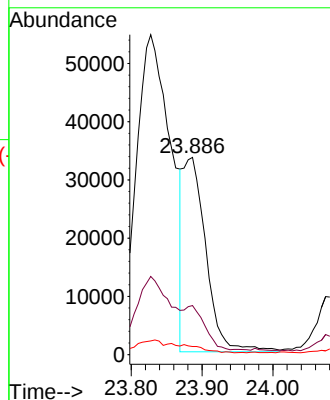
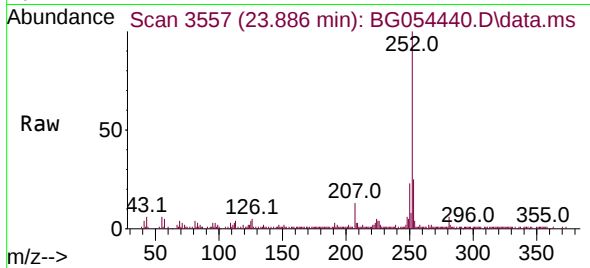
#89
Benzo(k)fluoranthene
Concen: 7.561 ng m
RT: 23.886 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG054440.D
Acq: 28 Jul 2022 20:41

Instrument :
BNA_G
ClientSampleId :
NB-7-7-26-22DL

Tgt Ion:252 Resp: 74576
Ion Ratio Lower Upper
252 100
253 24.9 18.4 27.6
125 4.1 4.8 7.2

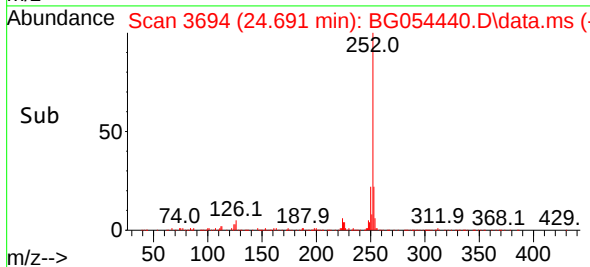
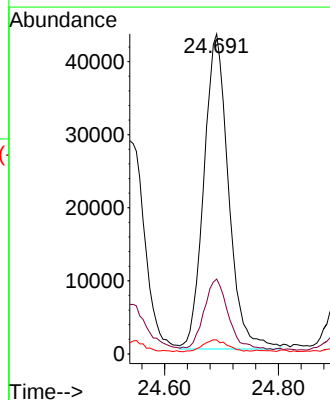
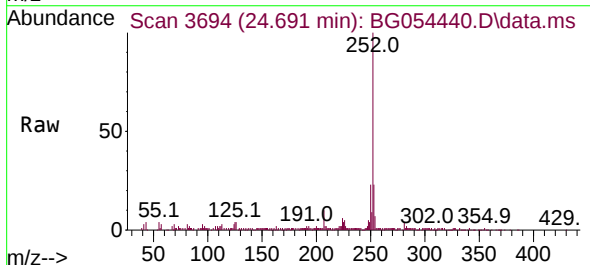
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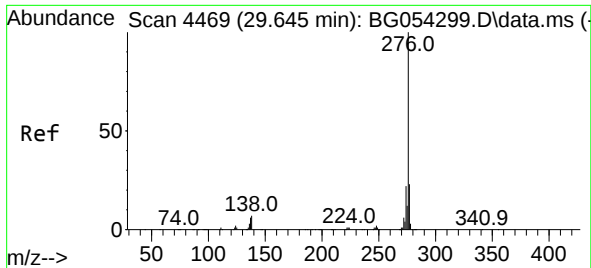
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#90
Benzo(a)pyrene
Concen: 15.346 ng m
RT: 24.691 min Scan# 3694
Delta R.T. 0.005 min
Lab File: BG054440.D
Acq: 28 Jul 2022 20:41

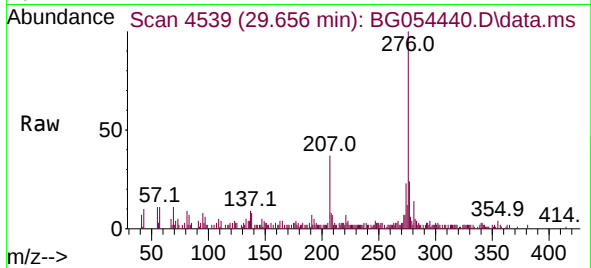
Tgt Ion:252 Resp: 129886
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 4.3 4.3 6.5





#92
 Benzo(g,h,i)perylene
 Concen: 6.286 ng
 RT: 29.656 min Scan# 4539
 Delta R.T. -0.007 min
 Lab File: BG054440.D
 Acq: 28 Jul 2022 20:41

Instrument :
 BNA_G
 ClientSampleId :
 NB-7-7-26-22DL



Tgt Ion:276 Resp: 65035
 Ion Ratio Lower Upper
 276 100
 277 24.1 17.3 25.9
 138 7.5 9.6 14.4

Manual Integrations
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Reviewed By :Christian Giraldo 07/29/2022
 Supervised By :Jagrut Upadhyay 07/29/2022

