

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
 Data File : BG060546.D
 Acq On : 1 Feb 2024 23:43
 Operator : MA/JU
 Sample : P1316-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/02/2024
 Supervised By :Sohil Jodhani 02/02/2024

Quant Time: Feb 02 00:43:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	138669	20.000	ng	-0.01
21) Naphthalene-d8	10.725	136	577472	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	446895	20.000	ng	0.00
64) Phenanthrene-d10	17.305	188	1110046	20.000	ng	0.00
76) Chrysene-d12	21.571	240	1080658	20.000	ng	0.00
86) Perylene-d12	24.738	264	1198975	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	614659	72.906	ng	0.00
7) Phenol-d6	7.088	99	925436	74.129	ng	0.00
23) Nitrobenzene-d5	9.080	82	557782	45.610	ng	-0.01
42) 2,4,6-Tribromophenol	16.048	330	515623	78.420	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	1490237	46.362	ng	0.00
79) Terphenyl-d14	19.926	244	2480883	49.187	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.347	178	244286	4.553	ng	# 92
75) Fluoranthene	19.362	202	652704	10.128	ng	87
78) Pyrene	19.726	202	550099	7.971	ng	# 84
81) Benzo(a)anthracene	21.547	228	295713	4.420	ng	92
83) Chrysene	21.612	228	302343	4.595	ng	91
84) Bis(2-ethylhexyl)phtha...	21.453	149	810621	22.594	ng	98
87) Indeno(1,2,3-cd)pyrene	28.328	276	204064	2.448	ng	# 84
88) Benzo(b)fluoranthene	23.727	252	392356m	5.539	ng	
89) Benzo(k)fluoranthene	23.792	252	160770m	2.300	ng	
90) Benzo(a)pyrene	24.579	252	269970	4.219	ng	# 97
92) Benzo(g,h,i)perylene	29.456	276	204487m	2.931	ng	

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

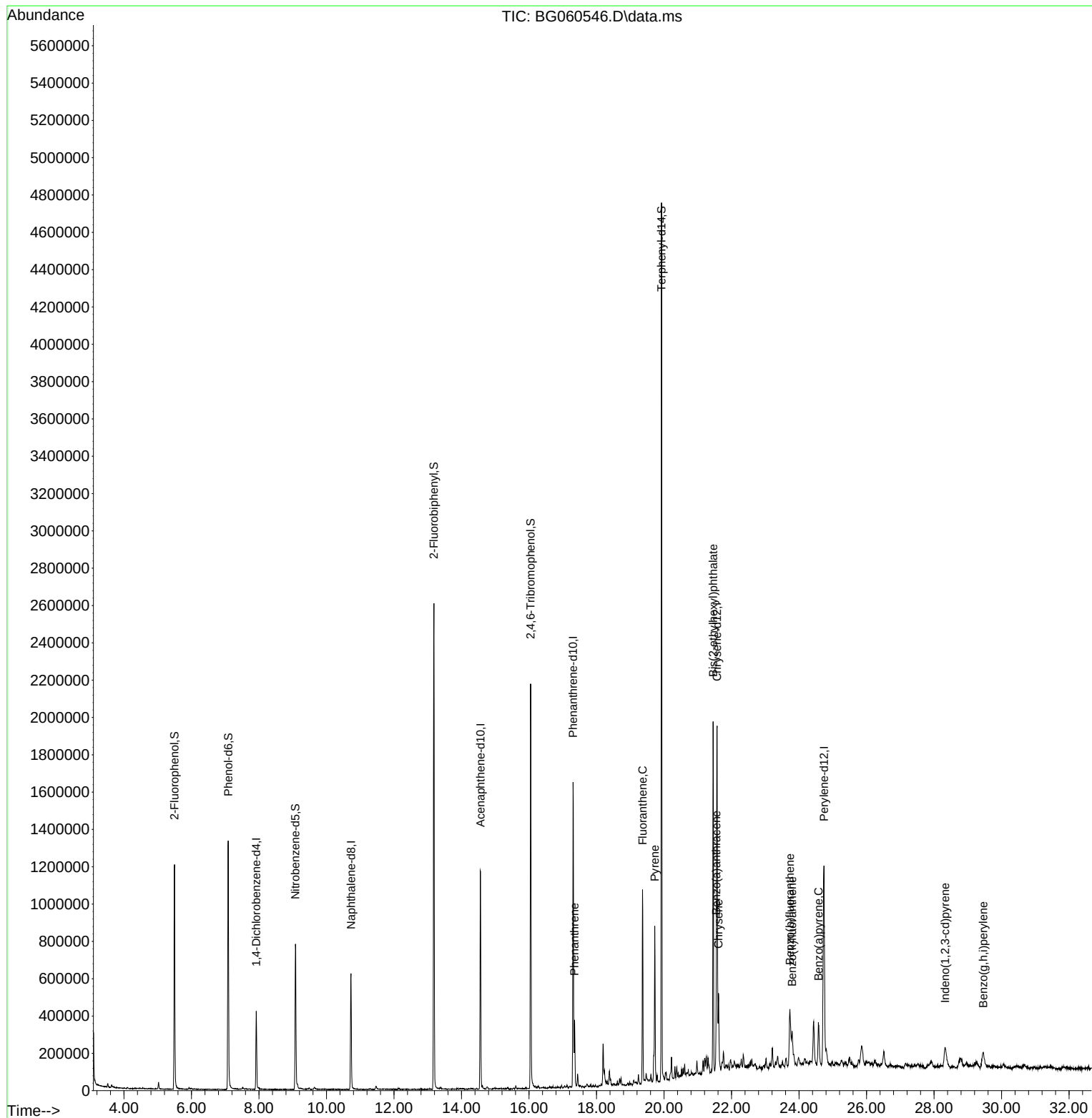
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
Data File : BG060546.D
Acq On : 1 Feb 2024 23:43
Operator : MA/JU
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ALS Vial : 12 Sample Multiplier: 1

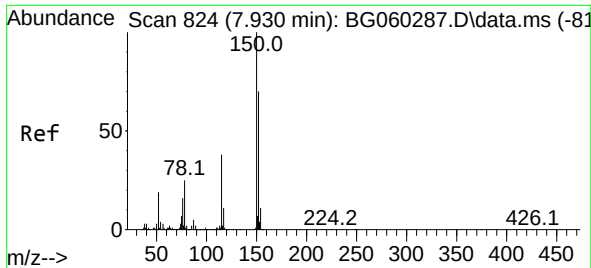
Instrument :
BNA_G
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Quant Time: Feb 02 00:43:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 04:07:12 2024
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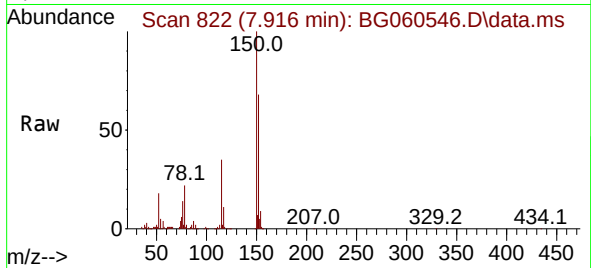
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 81
Delta R.T. -0.014 min
Lab File: BG060546.D
Acq: 1 Feb 2024 23:43

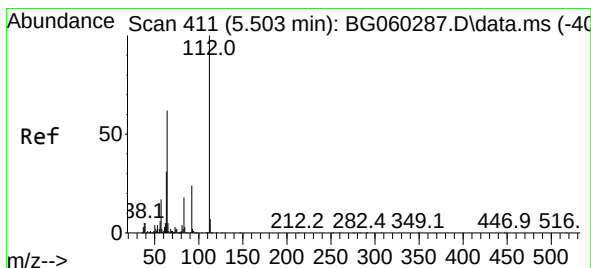
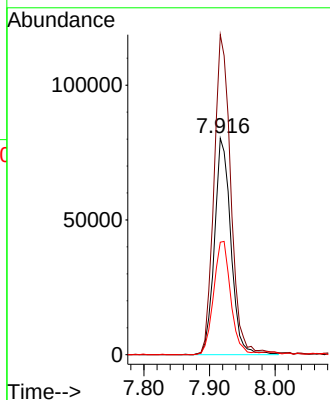
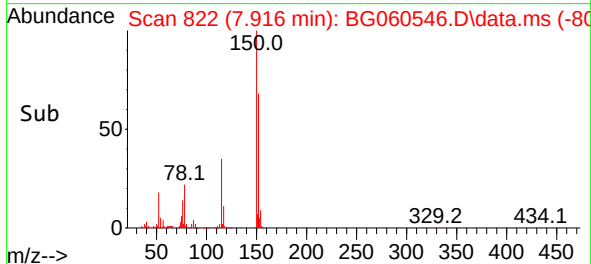
Instrument :
BNA_G
ClientSampleId :
COMP-1



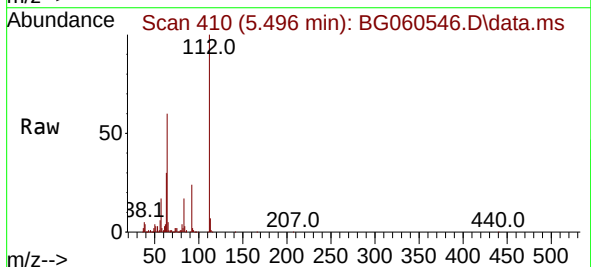
Tgt Ion:152 Resp: 138669
Ion Ratio Lower Upper
152 100
150 147.8 114.5 171.7
115 52.0 43.0 64.6

Manual Integrations
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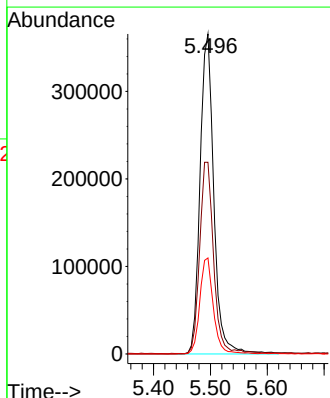
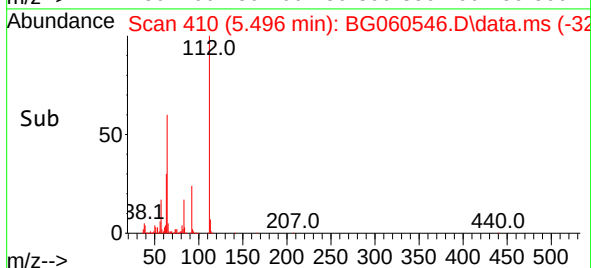
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024

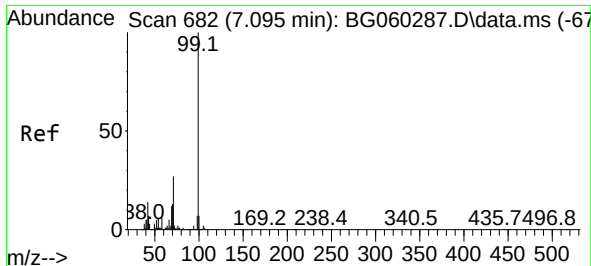


#5
2-Fluorophenol
Concen: 72.906 ng
RT: 5.496 min Scan# 410
Delta R.T. -0.007 min
Lab File: BG060546.D
Acq: 1 Feb 2024 23:43



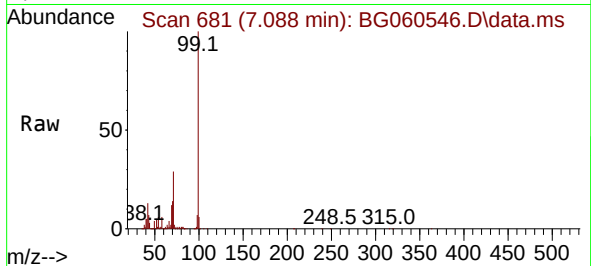
Tgt Ion:112 Resp: 614659
Ion Ratio Lower Upper
112 100
64 59.9 49.8 74.6
63 30.0 24.4 36.6





#7
Phenol-d6
Concen: 74.129 ng
RT: 7.088 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG060546.D
Acq: 1 Feb 2024 23:43

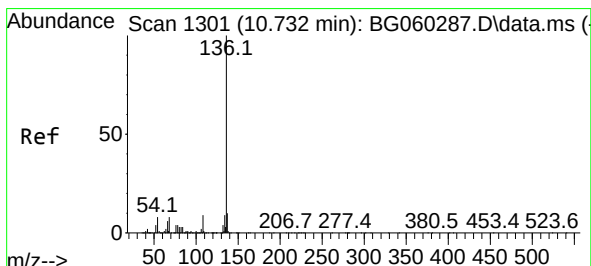
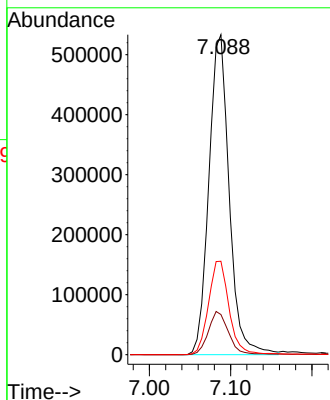
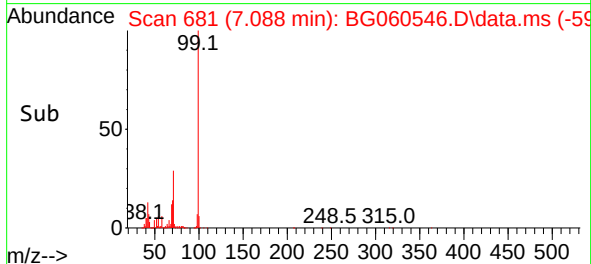
Instrument :
BNA_G
ClientSampleId :
COMP-1



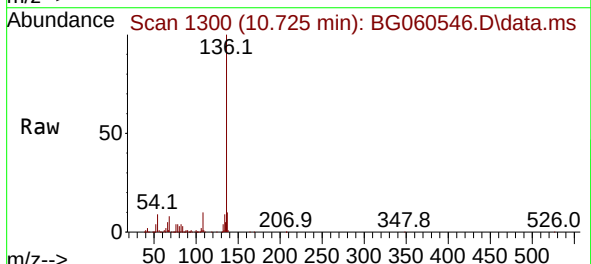
Tgt Ion: 99 Resp: 925430
Ion Ratio Lower Upper
99 100
42 12.6 10.9 16.3
71 29.2 21.5 32.3

Manual Integrations
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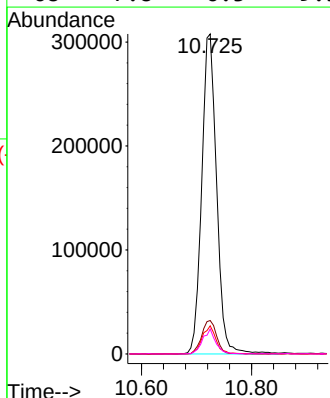
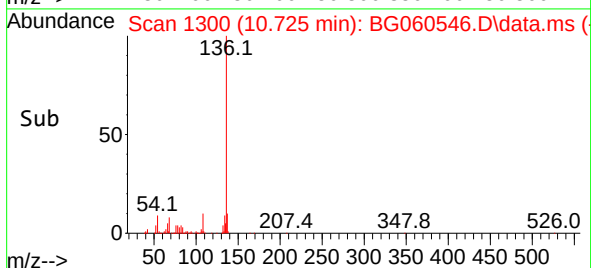
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024

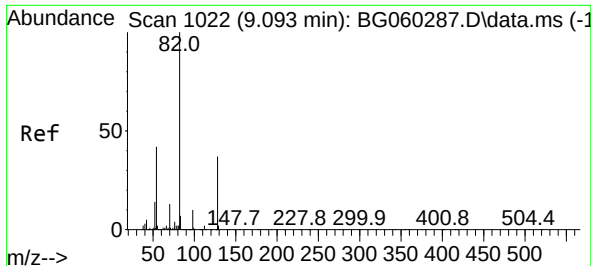


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 1300
Delta R.T. -0.007 min
Lab File: BG060546.D
Acq: 1 Feb 2024 23:43



Tgt Ion:136 Resp: 577472
Ion Ratio Lower Upper
136 100
137 10.5 8.2 12.4
54 8.8 6.2 9.2
68 7.8 6.3 9.5





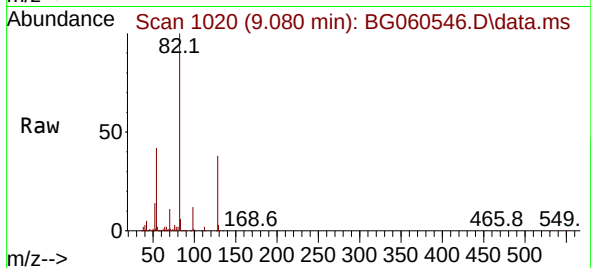
#23
Nitrobenzene-d5
Concen: 45.610 ng
RT: 9.080 min Scan# 1020
Delta R.T. -0.013 min
Lab File: BG060546.D
Acq: 1 Feb 2024 23:43

Instrument :

BNA_G

ClientSampleId :

COMP-1

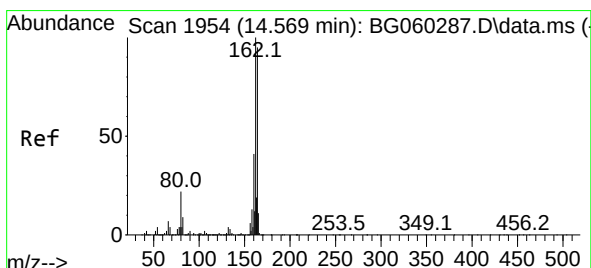
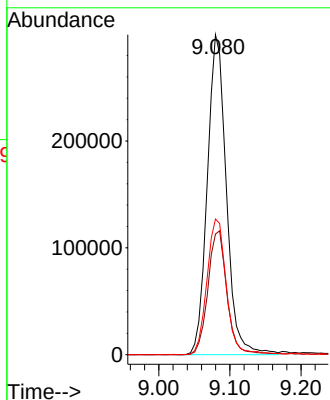
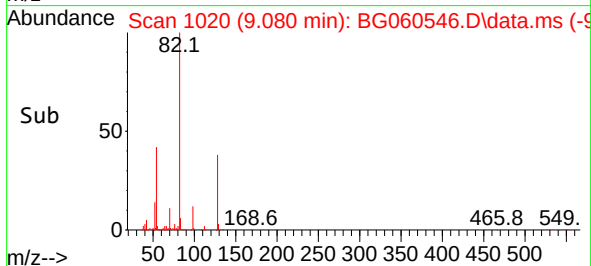


Tgt Ion: 82 Resp: 55778
Ion Ratio Lower Upper
82 100
128 37.7 29.6 44.4
54 42.4 33.6 50.4

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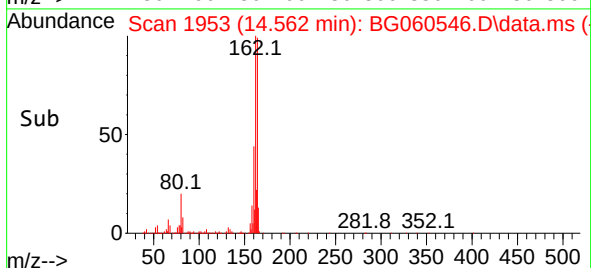
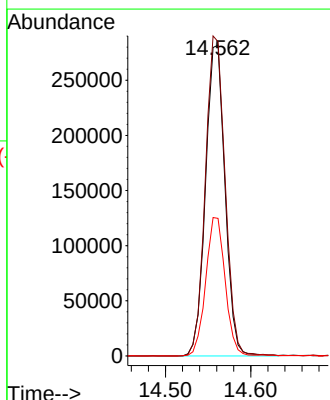
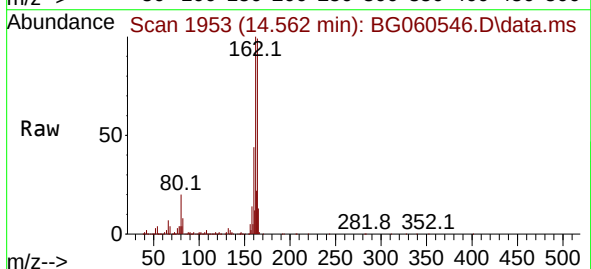
APPROVED

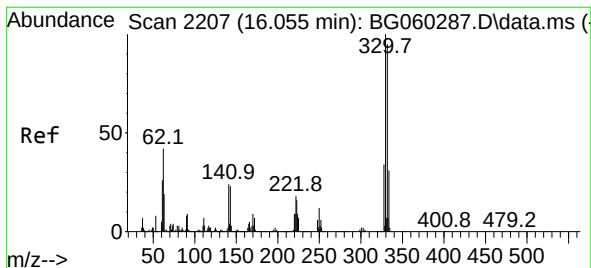
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.007 min
Lab File: BG060546.D
Acq: 1 Feb 2024 23:43

Tgt Ion:164 Resp: 446895
Ion Ratio Lower Upper
164 100
162 101.1 84.4 126.6
160 44.3 34.6 52.0





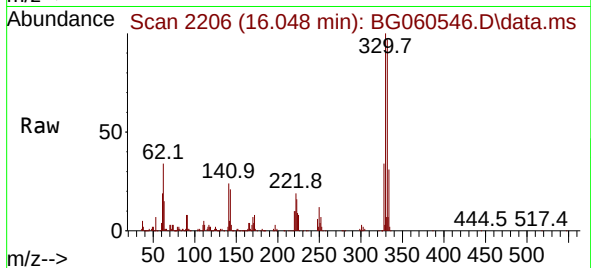
#42
2,4,6-Tribromophenol
Concen: 78.420 ng
RT: 16.048 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060546.D
Acq: 1 Feb 2024 23:43

Instrument :

BNA_G

ClientSampleId :

COMP-1

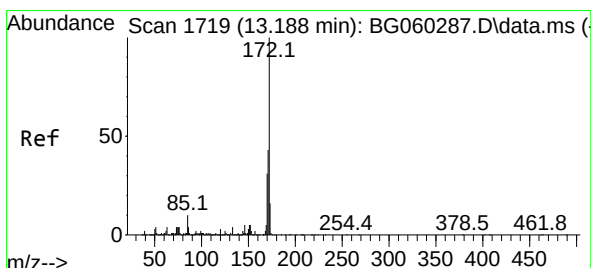
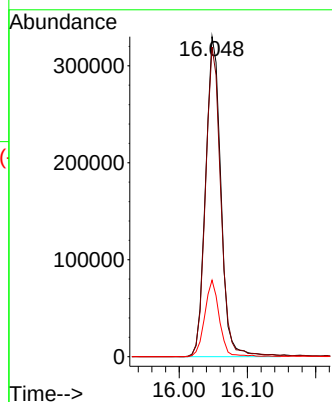
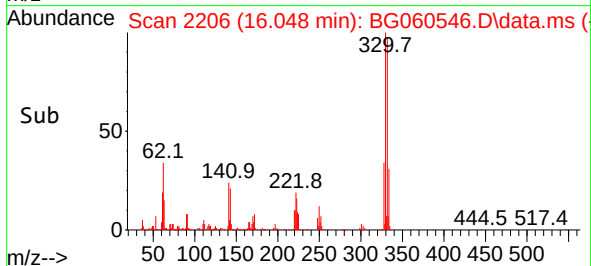


Tgt Ion:330 Resp: 51562
Ion Ratio Lower Upper
330 100
332 97.1 76.7 115.1
141 22.8 18.6 28.0

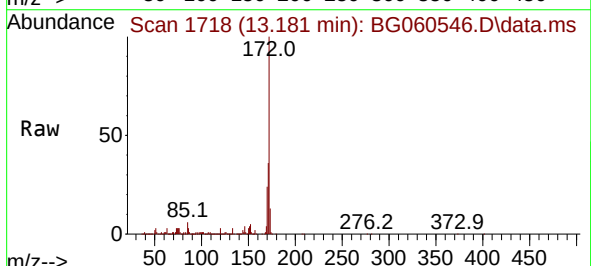
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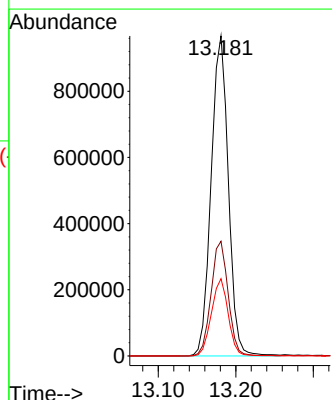
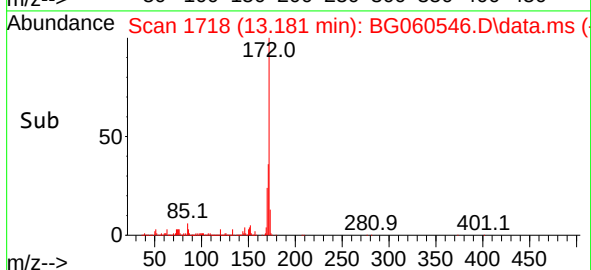
Reviewed By :Jagrut Upadhyay 02/02/2024
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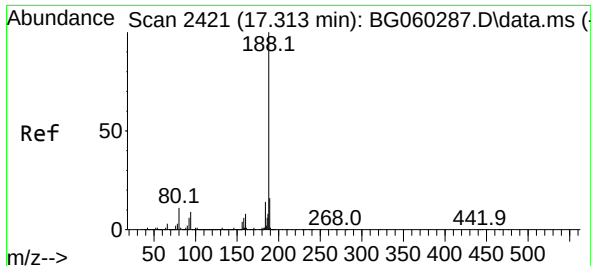


#45
2-Fluorobiphenyl
Concen: 46.362 ng
RT: 13.181 min Scan# 1718
Delta R.T. -0.007 min
Lab File: BG060546.D
Acq: 1 Feb 2024 23:43



Tgt Ion:172 Resp: 1490237
Ion Ratio Lower Upper
172 100
171 35.8 34.6 51.8
170 24.1 24.4 36.6#





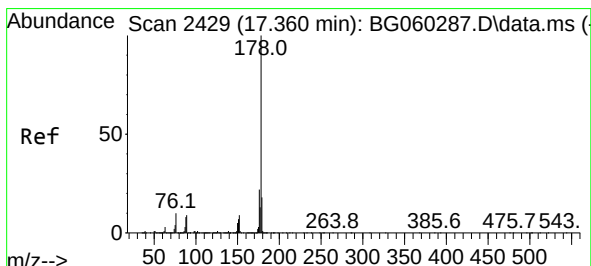
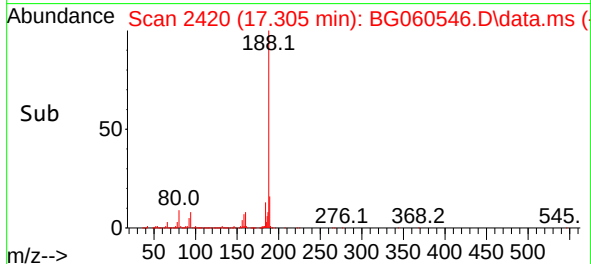
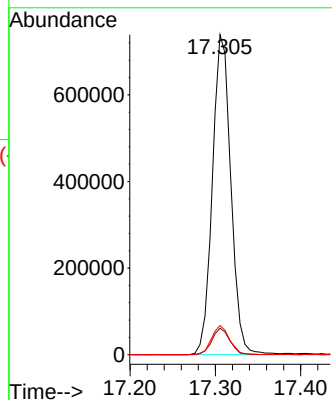
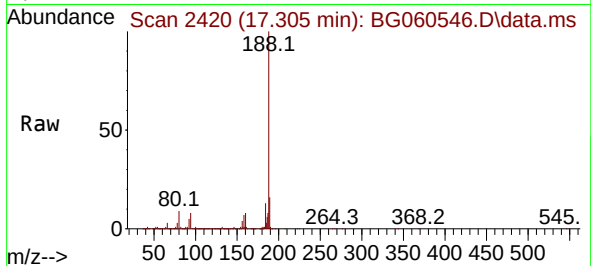
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.305 min Scan# 2420
Delta R.T. -0.007 min
Lab File: BG060546.D
Acq: 1 Feb 2024 23:43

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tgt Ion:188 Resp: 1110040
Ion Ratio Lower Upper
188 100
94 8.3 7.1 10.7
80 9.1 8.5 12.7

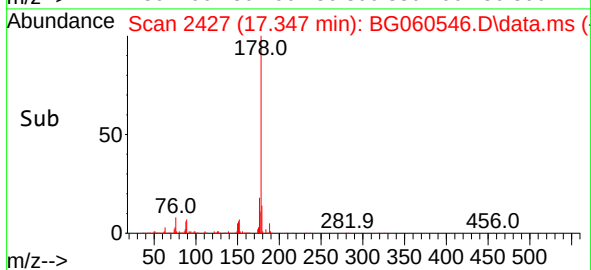
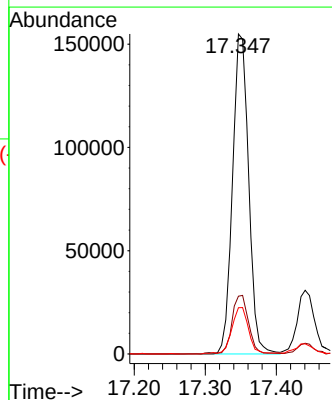
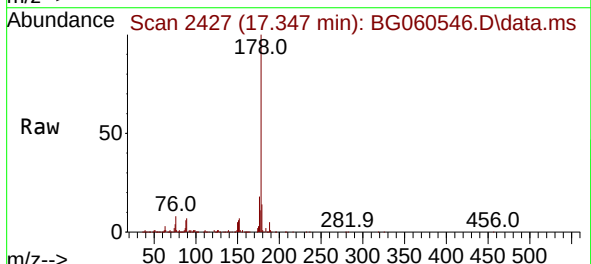
Manual Integrations
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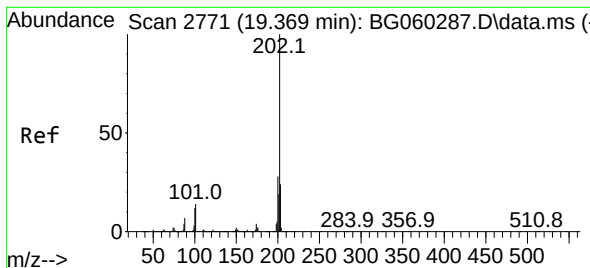
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#71
Phenanthrene
Concen: 4.553 ng
RT: 17.347 min Scan# 2427
Delta R.T. -0.013 min
Lab File: BG060546.D
Acq: 1 Feb 2024 23:43

Tgt Ion:178 Resp: 244286
Ion Ratio Lower Upper
178 100
176 18.1 17.4 26.2
179 14.5 14.7 22.1#





#75

Fluoranthene

Concen: 10.128 ng

RT: 19.362 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG060546.D

Acq: 1 Feb 2024 23:43

Instrument :

BNA_G

ClientSampleId :

COMP-1

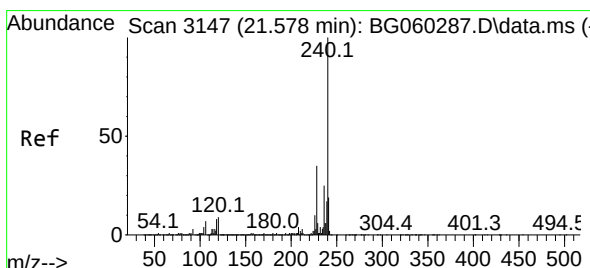
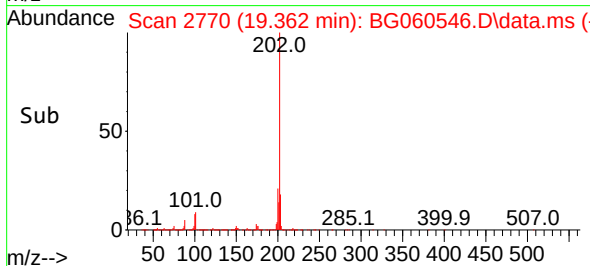
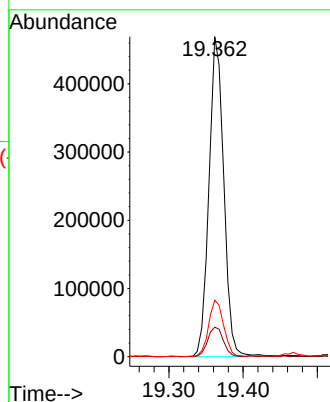
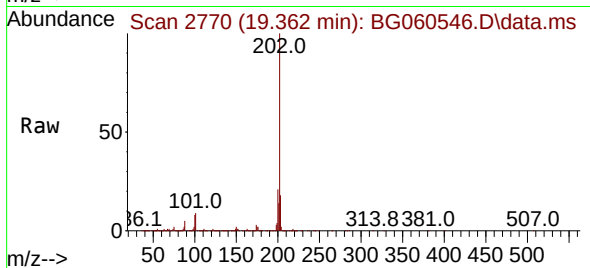
Tgt Ion:202 Resp: 652704

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	34.4
203	17.7	4.0	44.0

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#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.571 min Scan# 3146

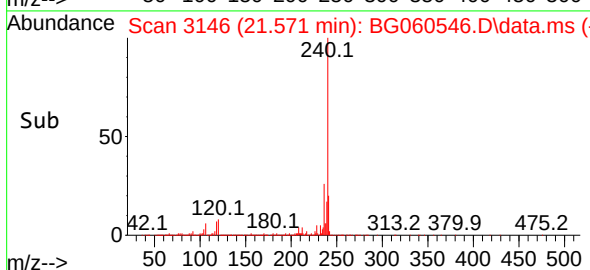
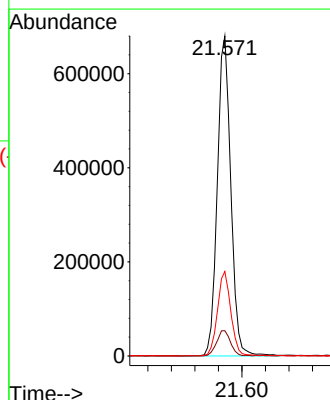
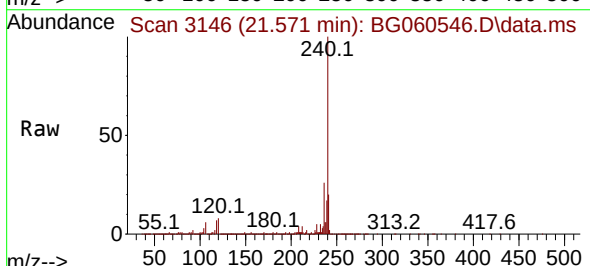
Delta R.T. -0.007 min

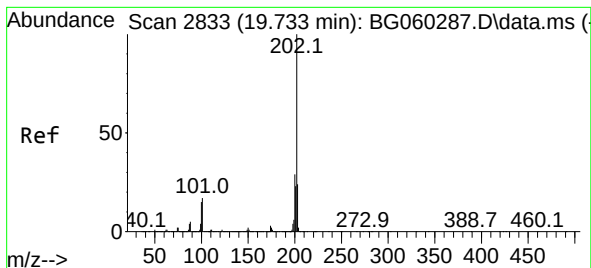
Lab File: BG060546.D

Acq: 1 Feb 2024 23:43

Tgt Ion:240 Resp: 1080658

Ion	Ratio	Lower	Upper
240	100		
120	7.9	7.3	10.9
236	26.4	20.3	30.5





#78

Pyrene

Concen: 7.971 ng

RT: 19.726 min Scan# 2832

Delta R.T. -0.007 min

Lab File: BG060546.D

Acq: 1 Feb 2024 23:43

Instrument :

BNA_G

ClientSampleId :

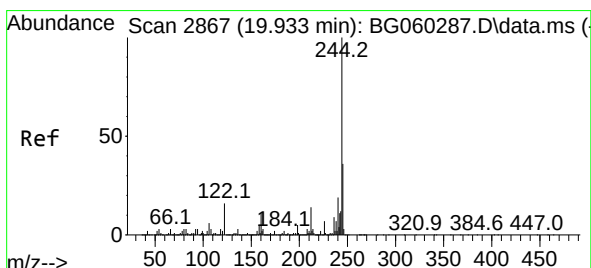
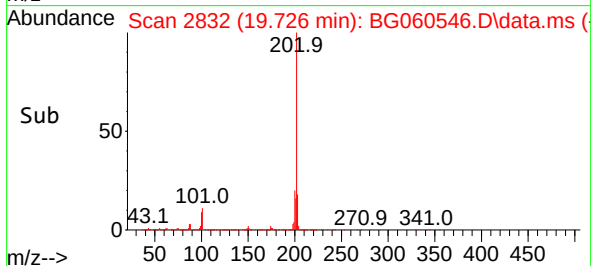
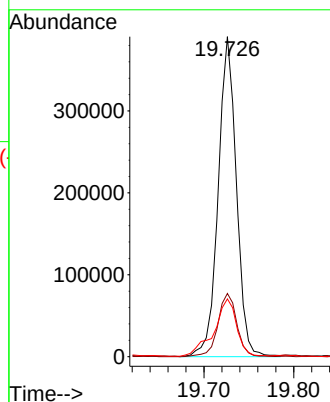
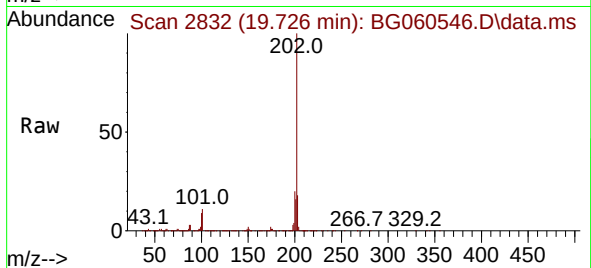
COMP-1

Tgt Ion:202 Resp: 550099
 Ion Ratio Lower Upper
 202 100
 200 19.7 23.5 35.3#
 203 18.0 19.6 29.4#

Manual Integrations

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 Supervised By :Sohil Jodhani 02/02/2024



#79

Terphenyl-d14

Concen: 49.187 ng

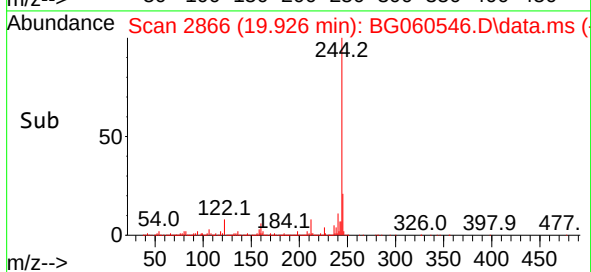
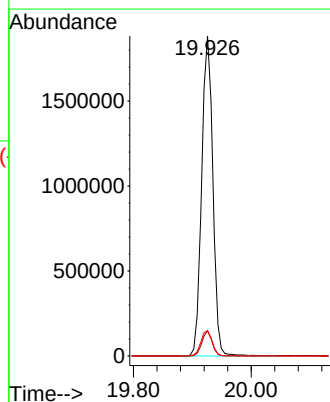
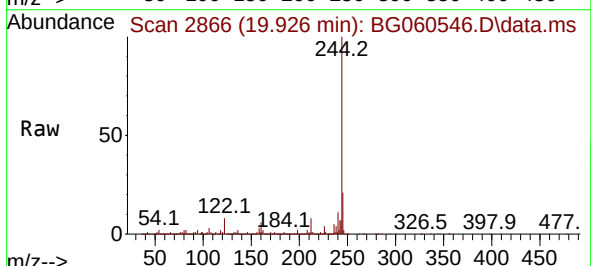
RT: 19.926 min Scan# 2866

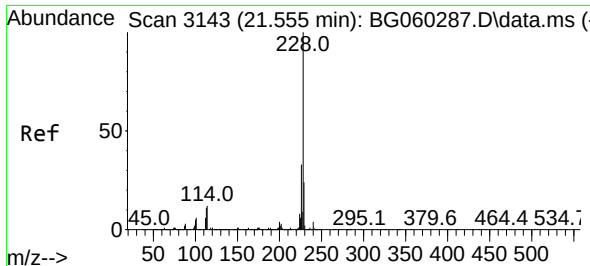
Delta R.T. -0.007 min

Lab File: BG060546.D

Acq: 1 Feb 2024 23:43

Tgt Ion:244 Resp: 2480883
 Ion Ratio Lower Upper
 244 100
 212 7.9 10.9 16.3#
 122 7.9 12.6 18.8#





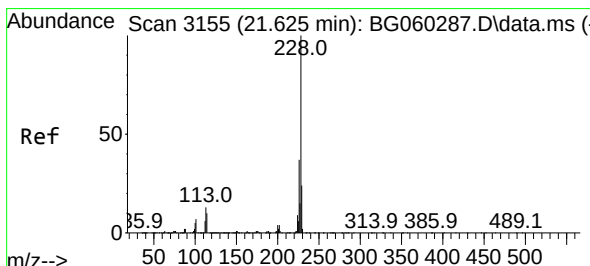
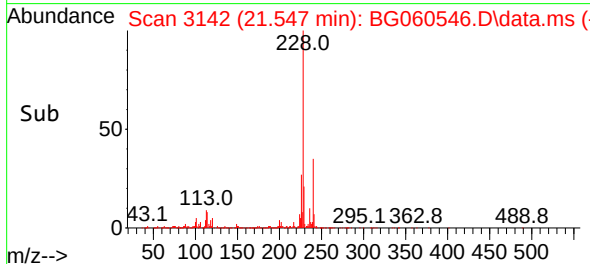
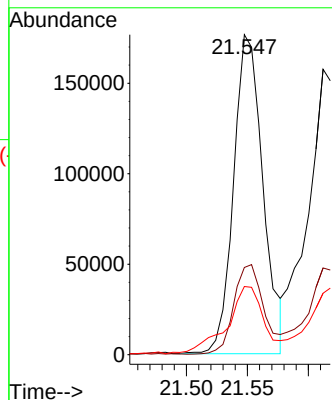
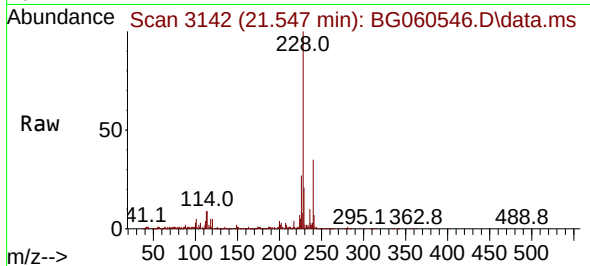
#81
Benzo(a)anthracene
Concen: 4.420 ng
RT: 21.547 min Scan# 3142
Delta R.T. -0.007 min
Lab File: BG060546.D
Acq: 1 Feb 2024 23:43

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tgt Ion:228 Resp: 29571
Ion Ratio Lower Upper
228 100
226 27.3 26.2 39.2
229 21.3 19.4 29.2

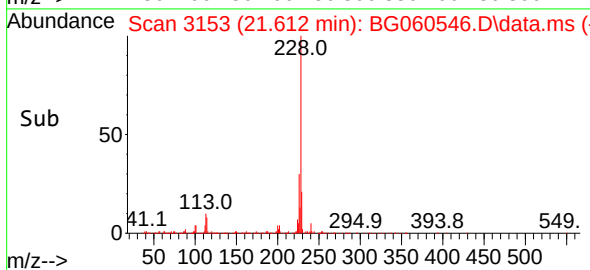
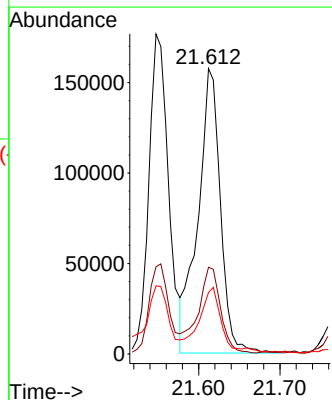
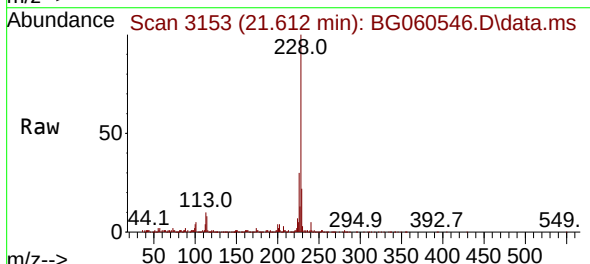
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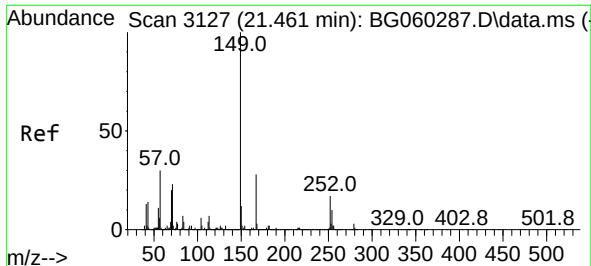
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#83
Chrysene
Concen: 4.595 ng
RT: 21.612 min Scan# 3153
Delta R.T. -0.013 min
Lab File: BG060546.D
Acq: 1 Feb 2024 23:43

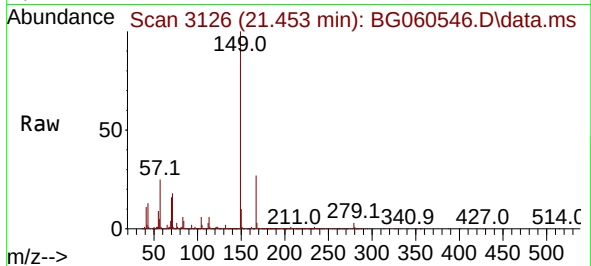
Tgt Ion:228 Resp: 302343
Ion Ratio Lower Upper
228 100
226 30.4 29.4 44.2
229 21.5 19.2 28.8





#84
Bis(2-ethylhexyl)phthalate
Concen: 22.594 ng
RT: 21.453 min Scan# 3127
Delta R.T. -0.007 min
Lab File: BG060546.D
Acq: 1 Feb 2024 23:43

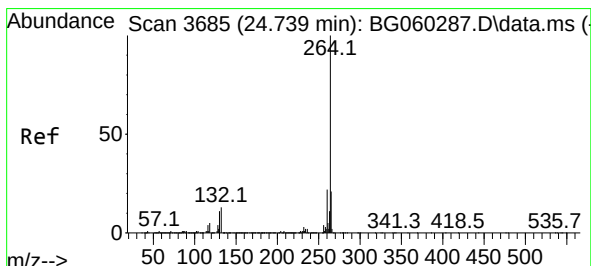
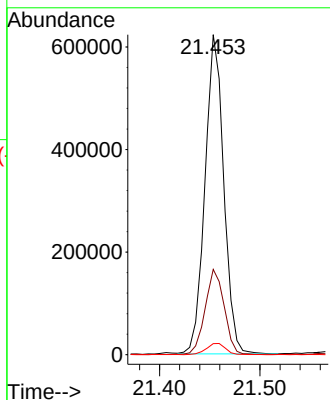
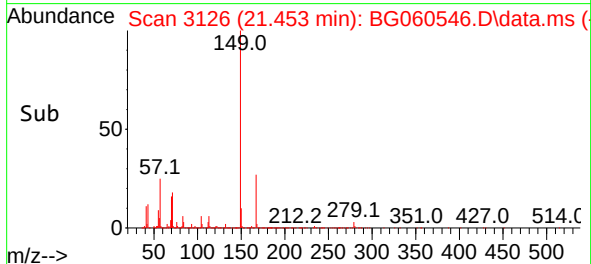
Instrument :
BNA_G
ClientSampleId :
COMP-1



Tgt Ion:149 Resp: 81062
Ion Ratio Lower Upper
149 100
167 26.7 22.2 33.2
279 3.4 2.7 4.1

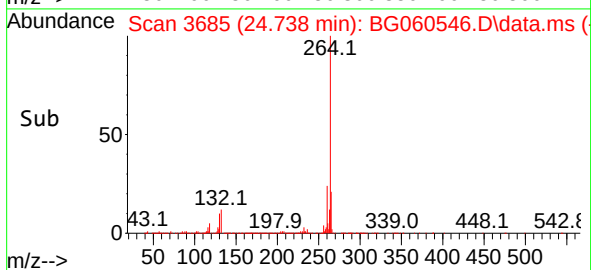
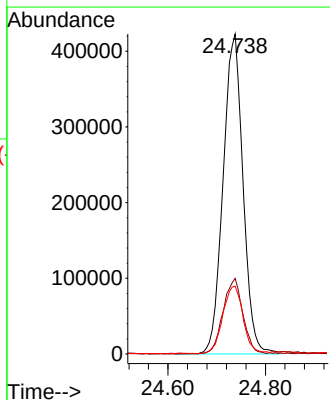
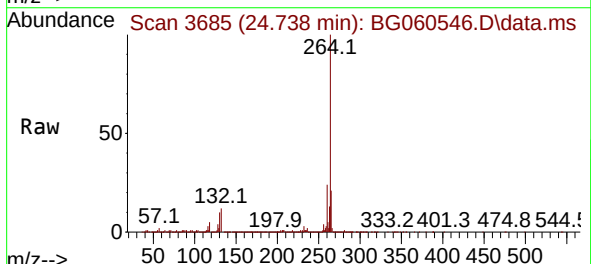
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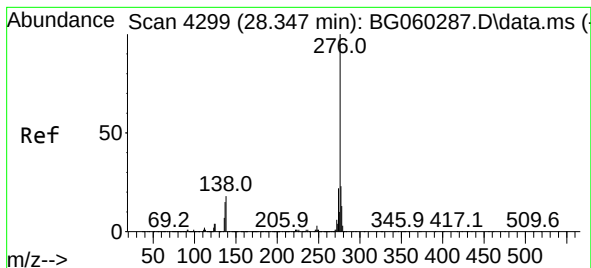
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.738 min Scan# 3685
Delta R.T. -0.001 min
Lab File: BG060546.D
Acq: 1 Feb 2024 23:43

Tgt Ion:264 Resp: 1198975
Ion Ratio Lower Upper
264 100
260 23.6 17.8 26.6
265 21.2 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.448 ng

RT: 28.328 min Scan# 41

Delta R.T. -0.019 min

Lab File: BG060546.D

Acq: 1 Feb 2024 23:43

Instrument :

BNA_G

ClientSampleId :

COMP-1

Tgt Ion:276 Resp: 204064

Ion Ratio Lower Upper

276 100

138 17.3 12.5 18.7

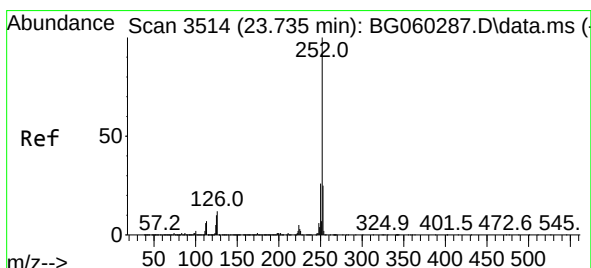
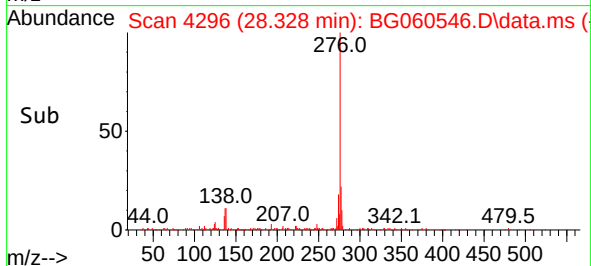
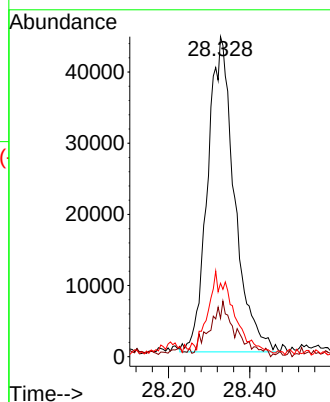
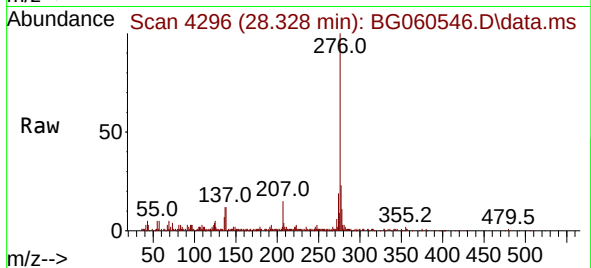
277 13.8 20.5 30.7

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Reviewed By :Jagrut Upadhyay 02/02/2024

Supervised By :Sohil Jodhani 02/02/2024



#88

Benzo(b)fluoranthene

Concen: 5.539 ng m

RT: 23.727 min Scan# 3513

Delta R.T. -0.007 min

Lab File: BG060546.D

Acq: 1 Feb 2024 23:43

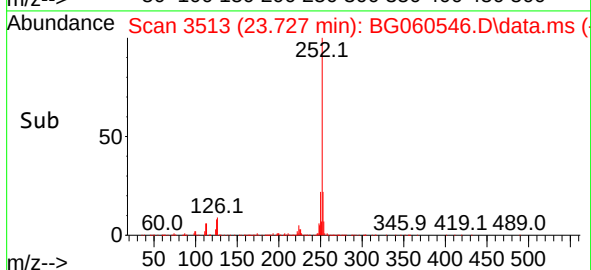
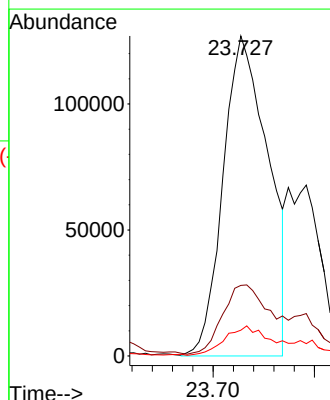
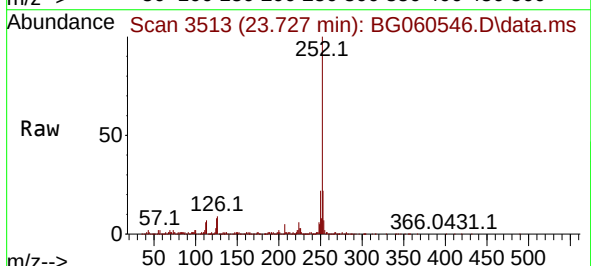
Tgt Ion:252 Resp: 392356

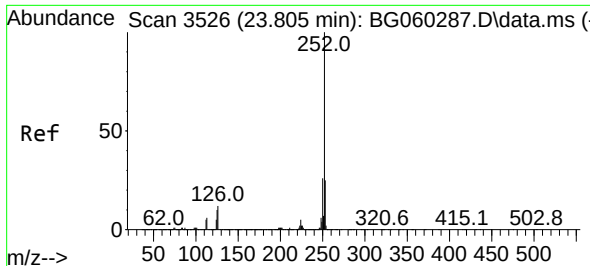
Ion Ratio Lower Upper

252 100

253 22.0 20.0 30.0

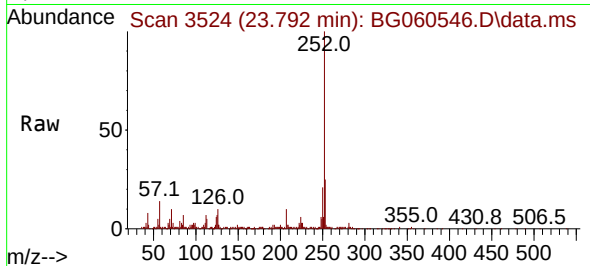
125 8.0 8.1 12.1#





#89
Benzo(k)fluoranthene
Concen: 2.300 ng m
RT: 23.792 min Scan# 3526
Delta R.T. -0.013 min
Lab File: BG060546.D
Acq: 1 Feb 2024 23:43

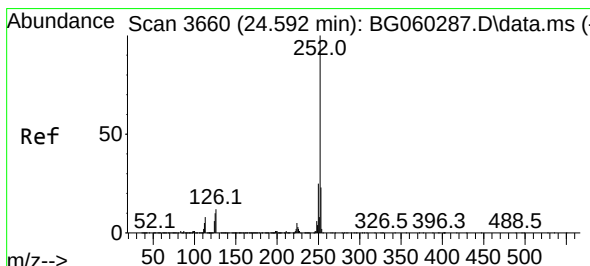
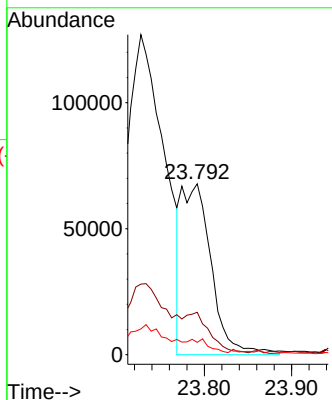
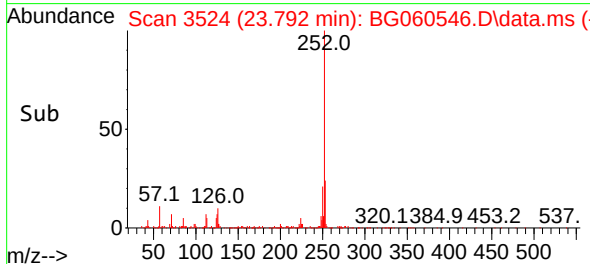
Instrument :
BNA_G
ClientSampleId :
COMP-1



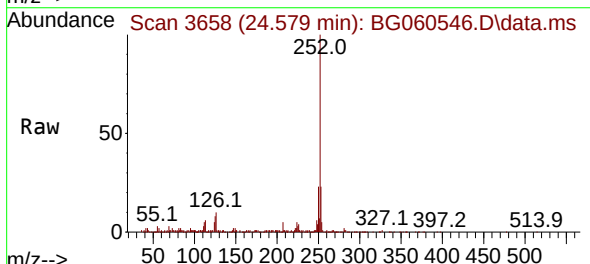
Tgt Ion:252 Resp: 160770
Ion Ratio Lower Upper
252 100
253 24.8 19.6 29.4
125 7.2 8.2 12.2

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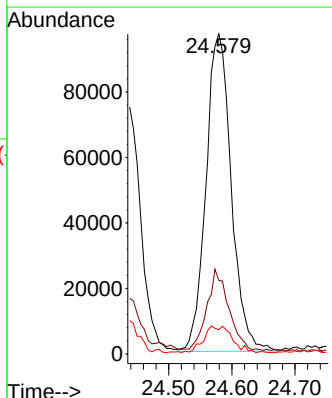
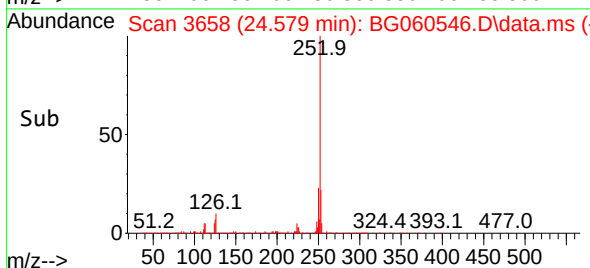
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024

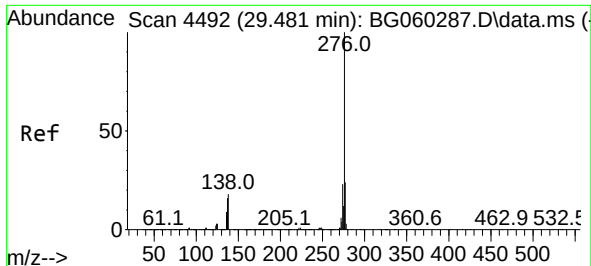


#90
Benzo(a)pyrene
Concen: 4.219 ng
RT: 24.579 min Scan# 3658
Delta R.T. -0.013 min
Lab File: BG060546.D
Acq: 1 Feb 2024 23:43



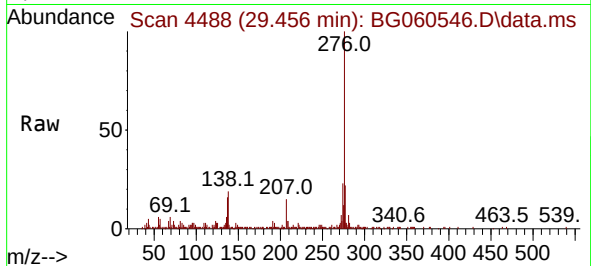
Tgt Ion:252 Resp: 269970
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 7.6 8.1 12.1





#92
 Benzo(g,h,i)perylene
 Concen: 2.931 ng m
 RT: 29.456 min Scan# 44
 Delta R.T. -0.025 min
 Lab File: BG060546.D
 Acq: 1 Feb 2024 23:43

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1



Tgt Ion:276 Resp: 20448
 Ion Ratio Lower Upper
 276 100
 277 21.8 19.4 29.0
 138 18.6 14.2 21.4

Manual Integrations
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Reviewed By :Jagrut Upadhyay 02/02/2024
 Supervised By :Sohil Jodhani 02/02/2024

