

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
 Data File : BG060547.D
 Acq On : 2 Feb 2024 00:24
 Operator : MA/JU
 Sample : P1316-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Manual Integrations
 APPROVED

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

Quant Time: Feb 02 00:59:54 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	7.921	152	141603	20.000	ng	0.00
21) Naphthalene-d8	10.723	136	658649	20.000	ng	# 0.00
39) Acenaphthene-d10	14.560	164	497793	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1166027	20.000	ng	0.00
76) Chrysene-d12	21.575	240	1081678	20.000	ng	0.00
86) Perylene-d12	24.736	264	1225182	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.494	112	826246	95.972	ng	0.00
7) Phenol-d6	7.086	99	1229567	96.450	ng	0.00
23) Nitrobenzene-d5	9.084	82	781893	56.056	ng	0.00
42) 2,4,6-Tribromophenol	16.052	330	652752	89.125	ng	0.00
45) 2-Fluorobiphenyl	13.179	172	2058927	57.505	ng	0.00
79) Terphenyl-d14	19.930	244	3125062	67.408	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.351	178	158310	2.809	ng	95
75) Fluoranthene	19.366	202	564481	8.339	ng	87
78) Pyrene	19.730	202	529648	7.668	ng	# 84
81) Benzo(a)anthracene	21.552	228	286246	4.275	ng	93
83) Chrysene	21.616	228	266879	4.052	ng	93
84) Bis(2-ethylhexyl)phtha...	21.458	149	1464260	40.774	ng	100
87) Indeno(1,2,3-cd)pyrene	28.338	276	174778	2.052	ng	97
88) Benzo(b)fluoranthene	23.732	252	382061	5.279	ng	# 92
90) Benzo(a)pyrene	24.578	252	263693	4.033	ng	96
92) Benzo(g,h,i)perylene	29.460	276	182792m	2.564	ng	

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

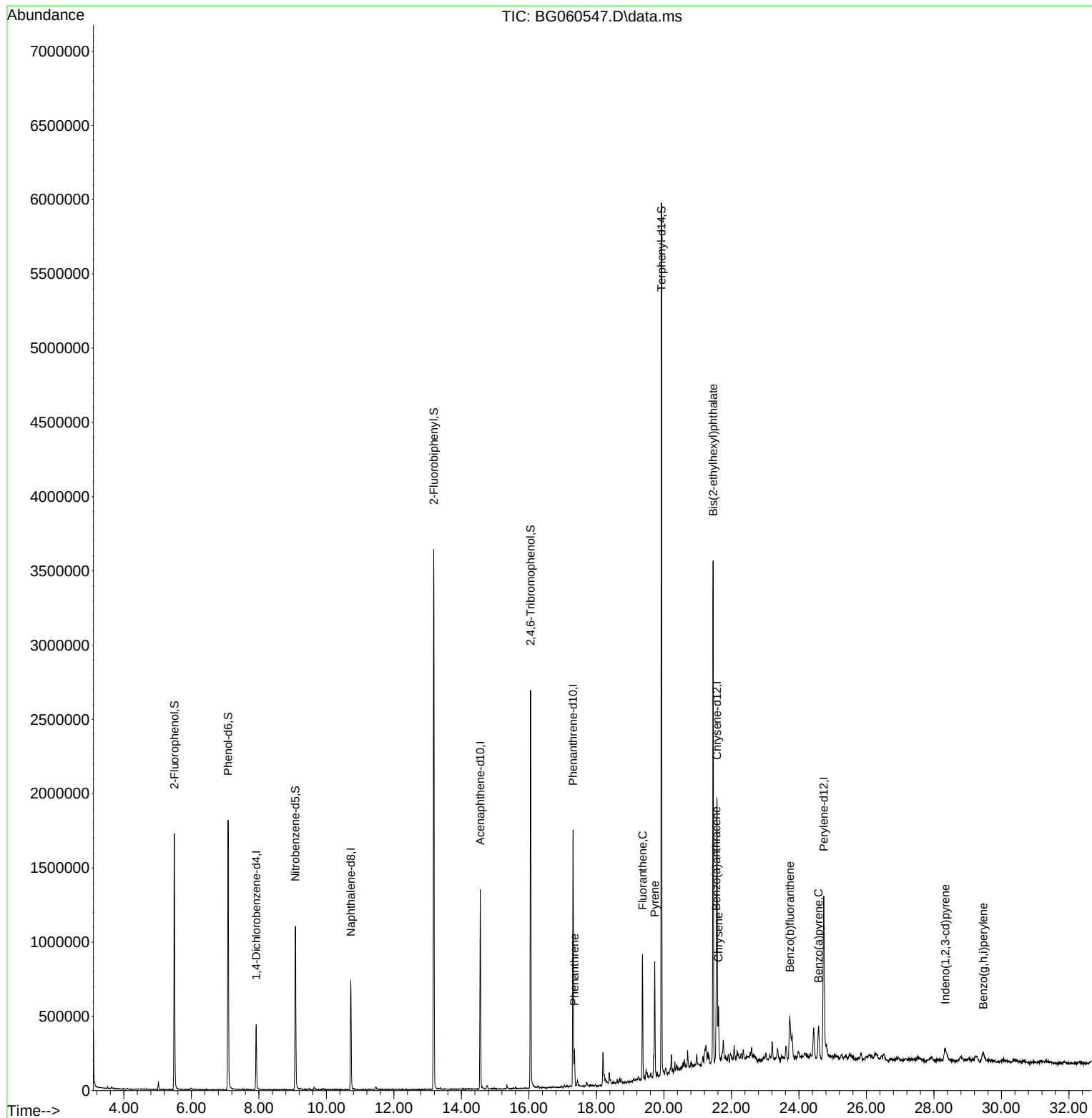
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
Data File : BG060547.D
Acq On : 2 Feb 2024 00:24
Operator : MA/JU
Sample : P1316-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

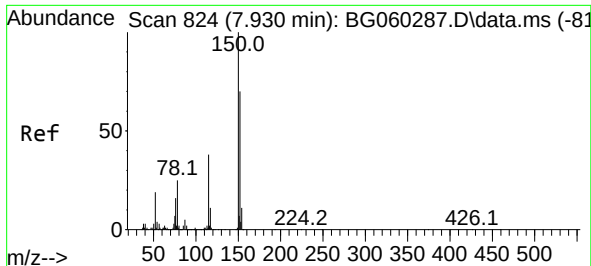
Instrument :
BNA_G
ClientSampleId :
COMP-2

Quant Time: Feb 02 00:59:54 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

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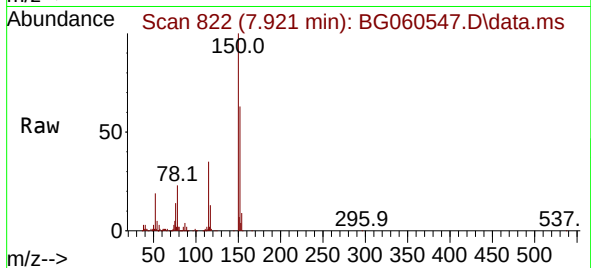
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.921 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG060547.D
Acq: 2 Feb 2024 00:24

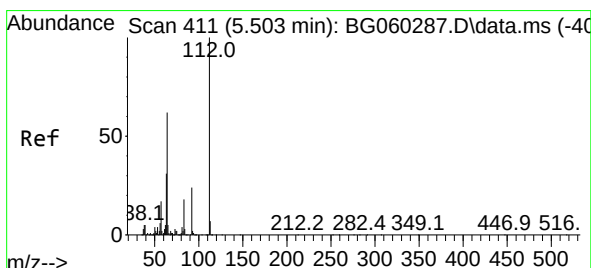
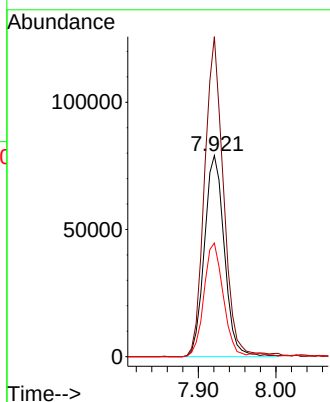
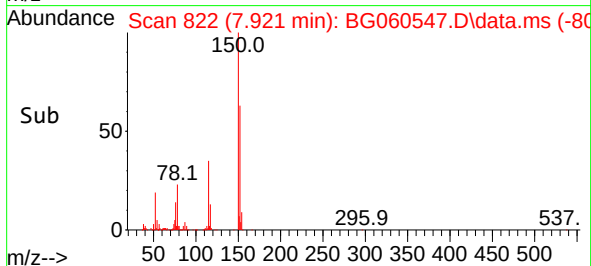
Instrument :
BNA_G
ClientSampleId :
COMP-2



Tgt Ion:152 Resp: 14160
Ion Ratio Lower Upper
152 100
150 159.2 114.5 171.7
115 56.5 43.0 64.6

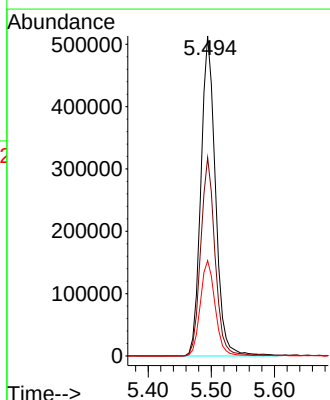
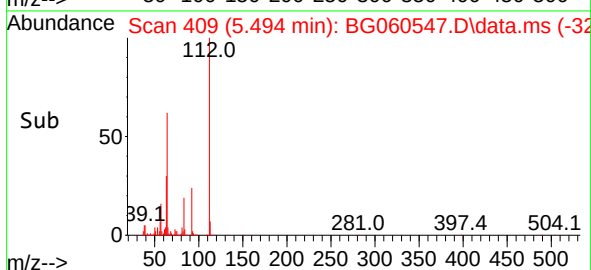
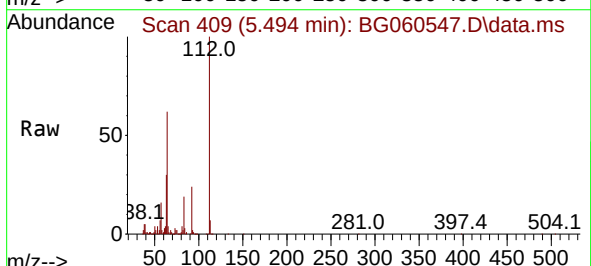
Manual Integrations
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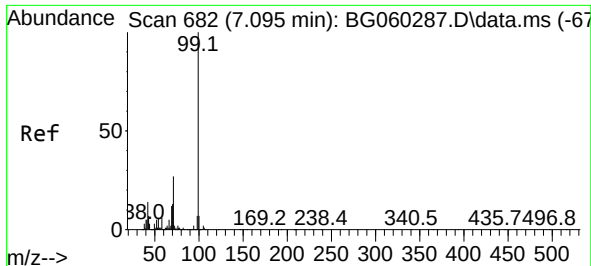
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#5
2-Fluorophenol
Concen: 95.972 ng
RT: 5.494 min Scan# 409
Delta R.T. -0.009 min
Lab File: BG060547.D
Acq: 2 Feb 2024 00:24

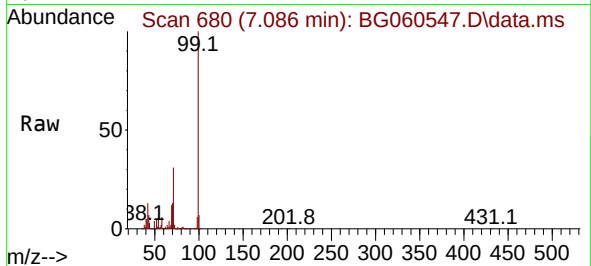
Tgt Ion:112 Resp: 826246
Ion Ratio Lower Upper
112 100
64 62.0 49.8 74.6
63 29.8 24.4 36.6





#7
Phenol-d6
Concen: 96.450 ng
RT: 7.086 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG060547.D
Acq: 2 Feb 2024 00:24

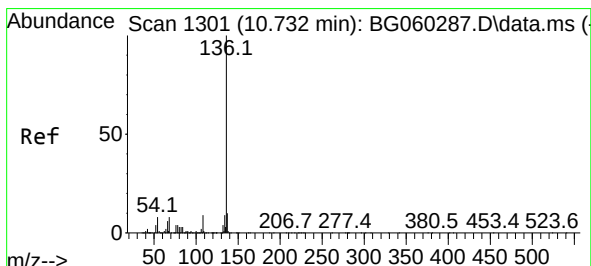
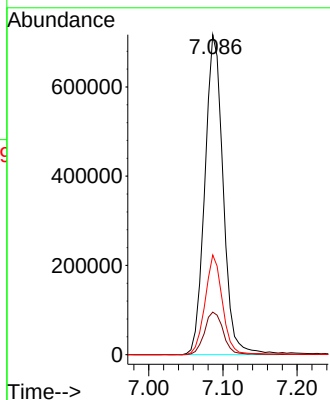
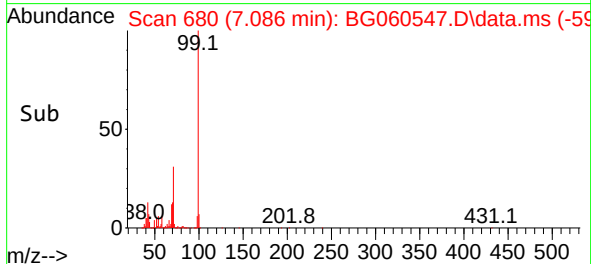
Instrument :
BNA_G
ClientSampleId :
COMP-2



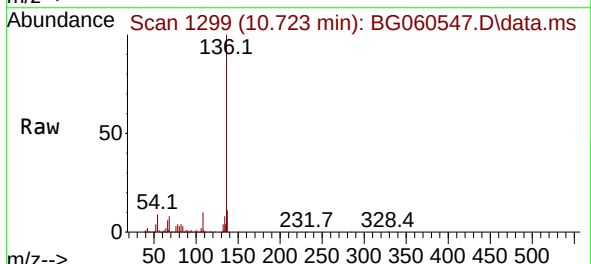
Tgt Ion: 99 Resp: 122956
Ion Ratio Lower Upper
99 100
42 13.3 10.9 16.3
71 31.2 21.5 32.3

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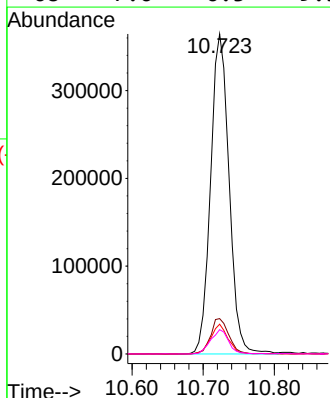
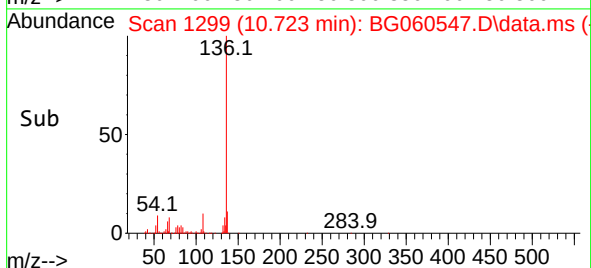
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024

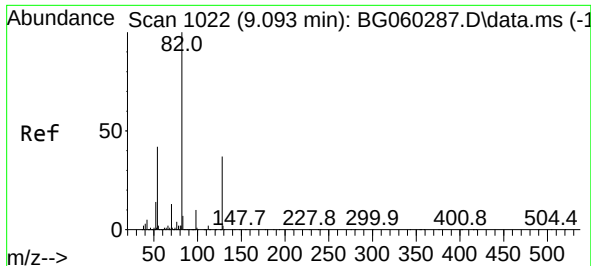


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 1299
Delta R.T. -0.009 min
Lab File: BG060547.D
Acq: 2 Feb 2024 00:24



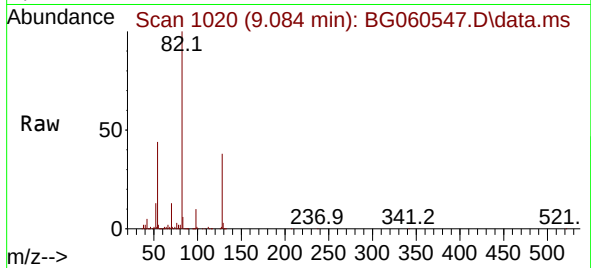
Tgt Ion:136 Resp: 658649
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.4
54 9.3 6.2 9.2#
68 7.6 6.3 9.5





#23
Nitrobenzene-d5
Concen: 56.056 ng
RT: 9.084 min Scan# 1020
Delta R.T. -0.009 min
Lab File: BG060547.D
Acq: 2 Feb 2024 00:24

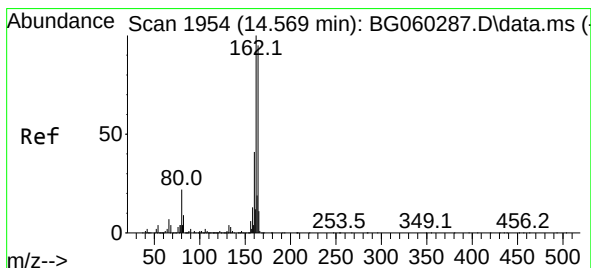
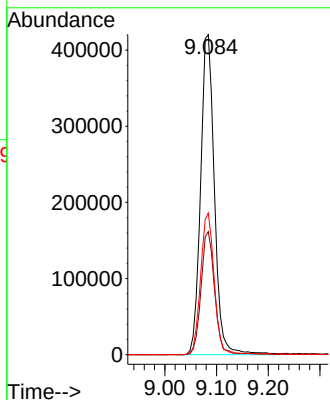
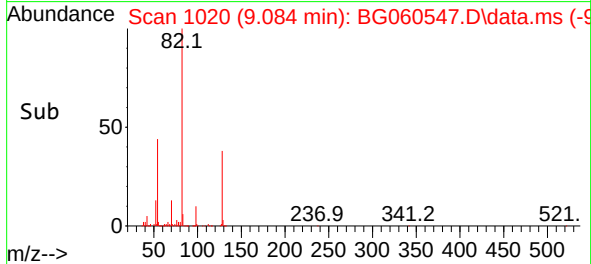
Instrument :
BNA_G
ClientSampleId :
COMP-2



Tgt Ion: 82 Resp: 78189
Ion Ratio Lower Upper
82 100
128 38.5 29.6 44.4
54 44.2 33.6 50.4

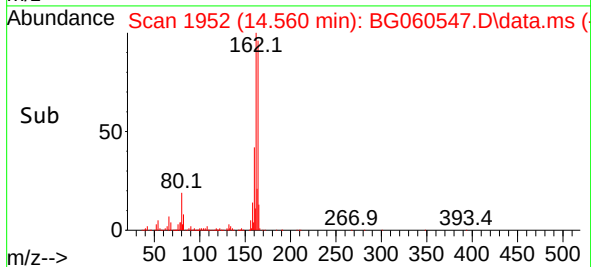
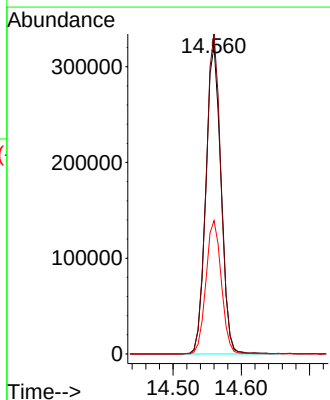
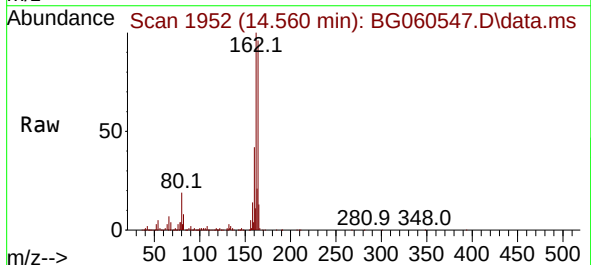
Manual Integrations
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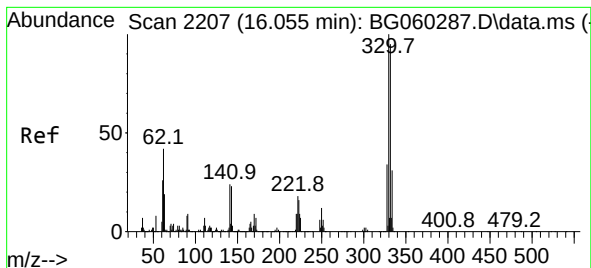
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.560 min Scan# 1952
Delta R.T. -0.009 min
Lab File: BG060547.D
Acq: 2 Feb 2024 00:24

Tgt Ion:164 Resp: 497793
Ion Ratio Lower Upper
164 100
162 103.8 84.4 126.6
160 43.3 34.6 52.0





#42
2,4,6-Tribromophenol
Concen: 89.125 ng
RT: 16.052 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060547.D
Acq: 2 Feb 2024 00:24

Instrument :

BNA_G

ClientSampleId :

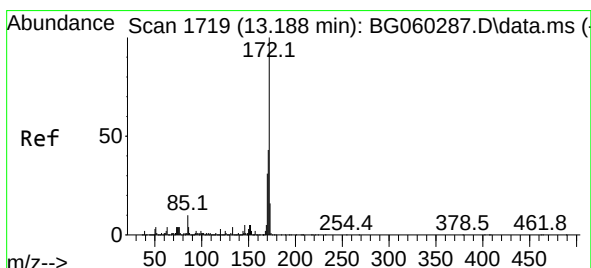
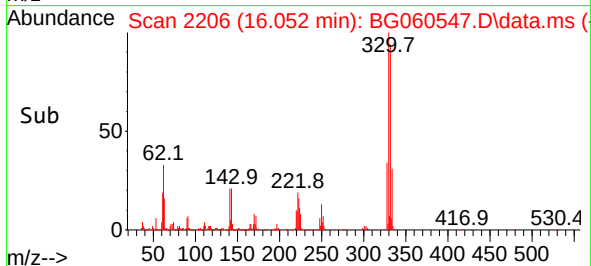
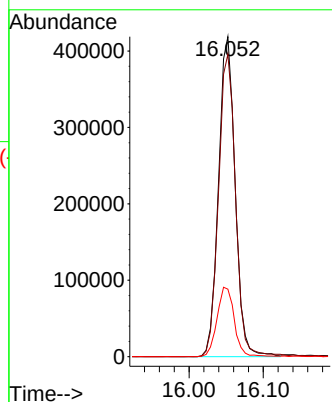
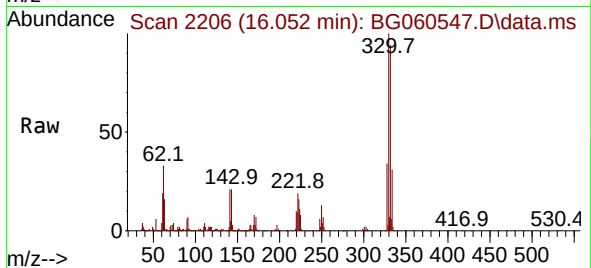
COMP-2

Tgt Ion:330 Resp: 652752
Ion Ratio Lower Upper
330 100
332 97.3 76.7 115.1
141 22.6 18.6 28.0

Manual Integrations

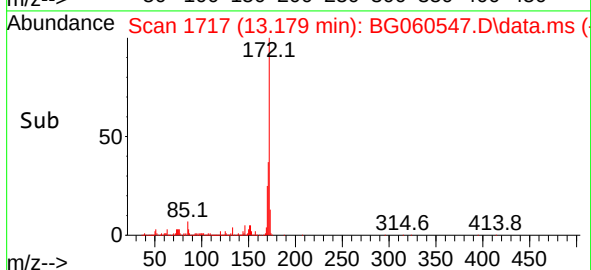
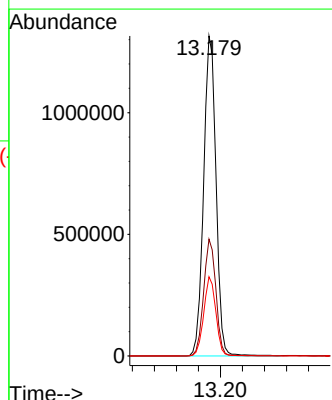
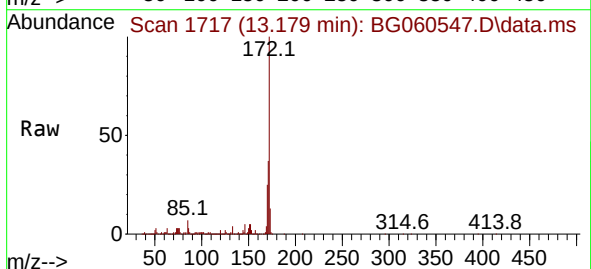
APPROVED

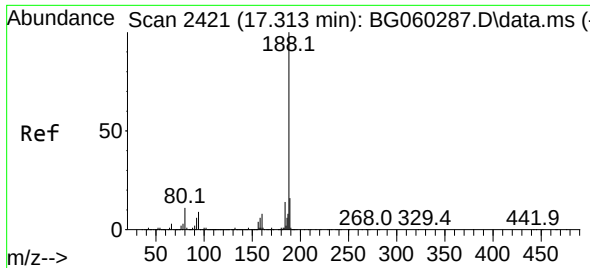
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#45
2-Fluorobiphenyl
Concen: 57.505 ng
RT: 13.179 min Scan# 1717
Delta R.T. -0.009 min
Lab File: BG060547.D
Acq: 2 Feb 2024 00:24

Tgt Ion:172 Resp: 2058927
Ion Ratio Lower Upper
172 100
171 36.5 34.6 51.8
170 24.7 24.4 36.6





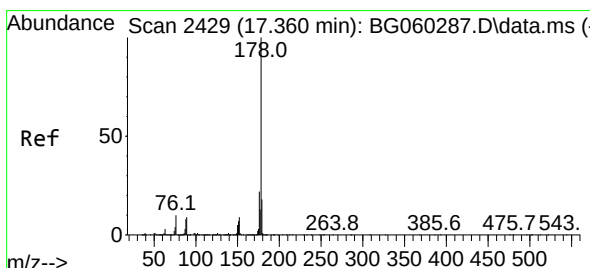
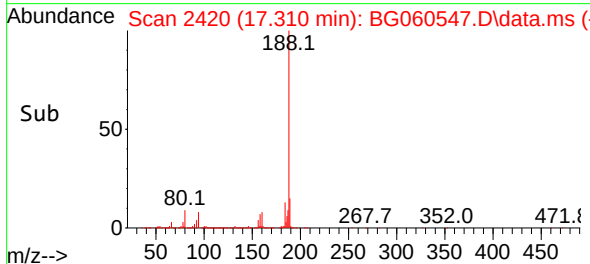
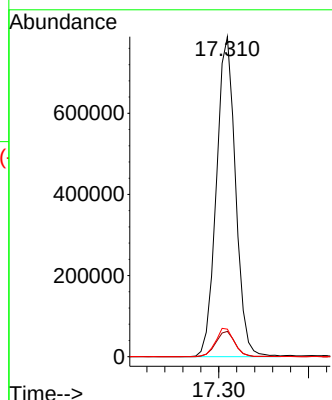
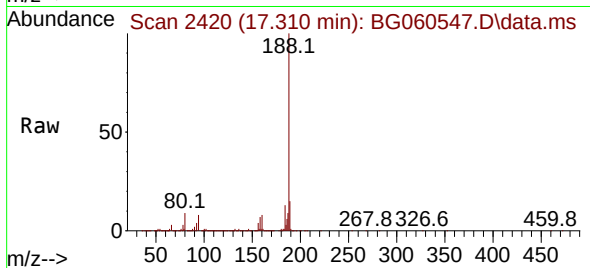
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2421
Delta R.T. -0.003 min
Lab File: BG060547.D
Acq: 2 Feb 2024 00:24

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:188 Resp: 116602
Ion Ratio Lower Upper
188 100
94 7.9 7.1 10.7
80 8.6 8.5 12.7

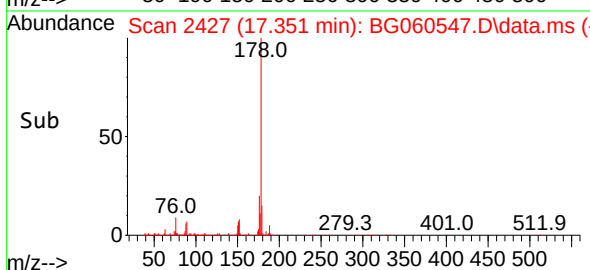
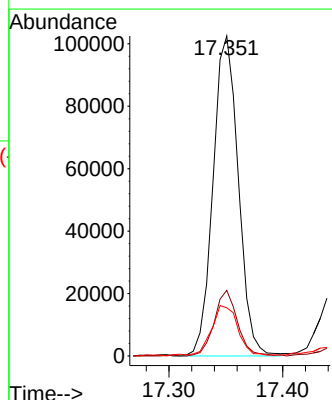
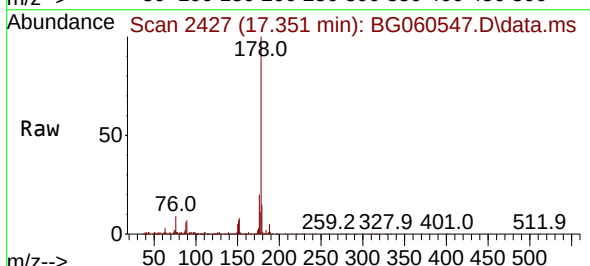
Manual Integrations
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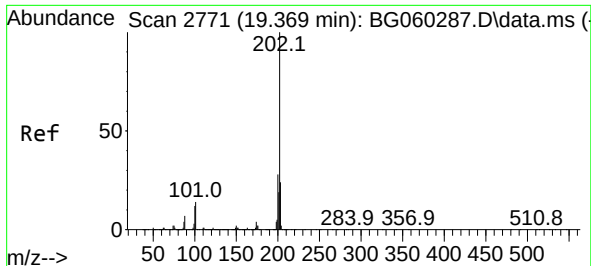
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#71
Phenanthrene
Concen: 2.809 ng
RT: 17.351 min Scan# 2427
Delta R.T. -0.009 min
Lab File: BG060547.D
Acq: 2 Feb 2024 00:24

Tgt Ion:178 Resp: 158310
Ion Ratio Lower Upper
178 100
176 20.5 17.4 26.2
179 15.1 14.7 22.1





#75
Fluoranthene
Concen: 8.339 ng
RT: 19.366 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060547.D
Acq: 2 Feb 2024 00:24

Instrument :

BNA_G

ClientSampleId :

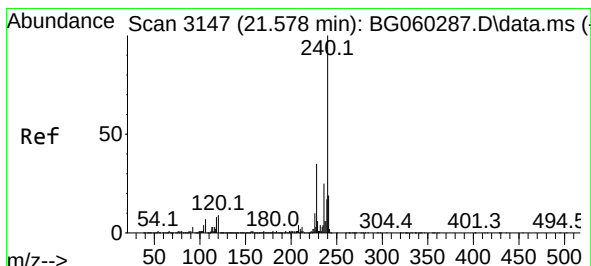
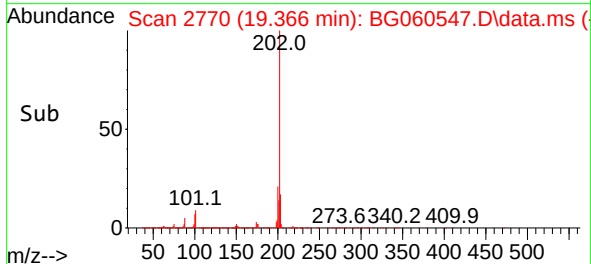
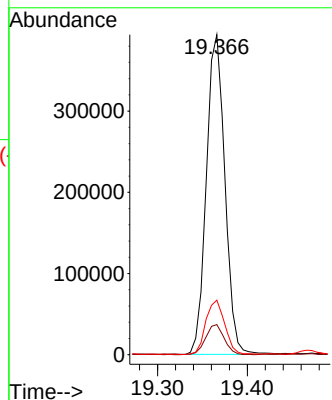
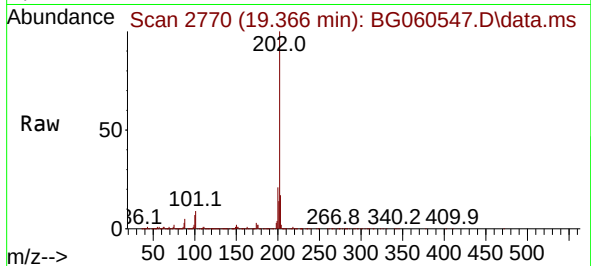
COMP-2

Tgt Ion:202 Resp: 56448
Ion Ratio Lower Upper
202 100
101 9.4 0.0 34.4
203 17.1 4.0 44.0

Manual Integrations

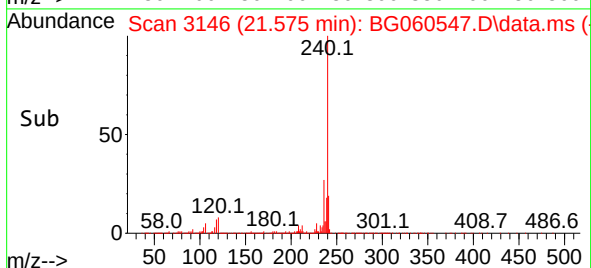
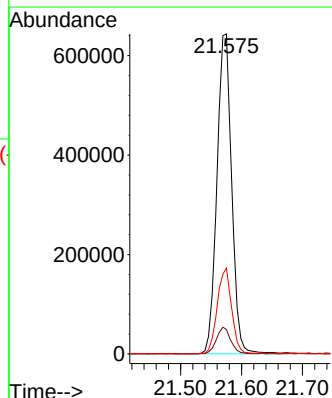
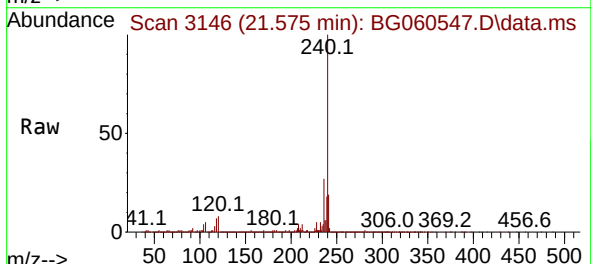
APPROVED

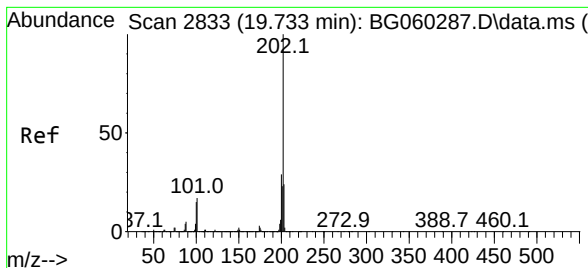
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.575 min Scan# 3146
Delta R.T. -0.003 min
Lab File: BG060547.D
Acq: 2 Feb 2024 00:24

Tgt Ion:240 Resp: 1081678
Ion Ratio Lower Upper
240 100
120 7.6 7.3 10.9
236 26.8 20.3 30.5





#78

Pyrene

Concen: 7.668 ng

RT: 19.730 min Scan# 2833

Delta R.T. -0.003 min

Lab File: BG060547.D

Acq: 2 Feb 2024 00:24

Instrument :

BNA_G

ClientSampleId :

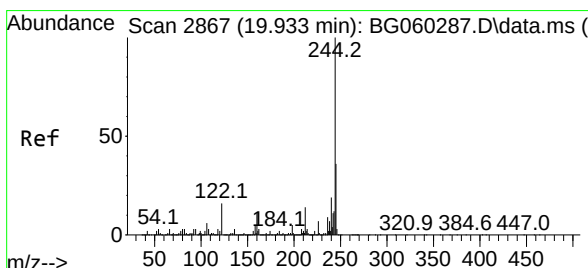
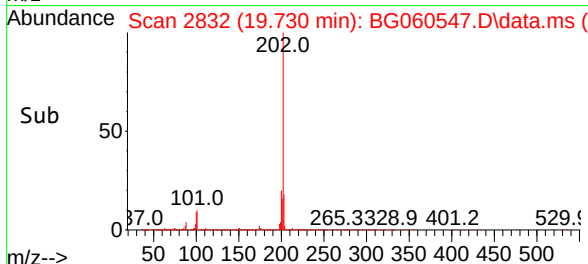
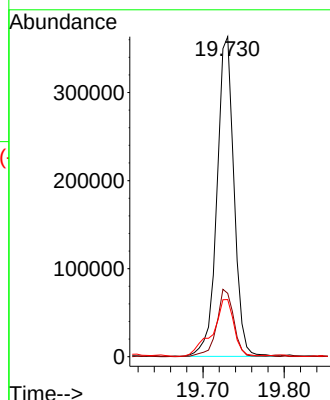
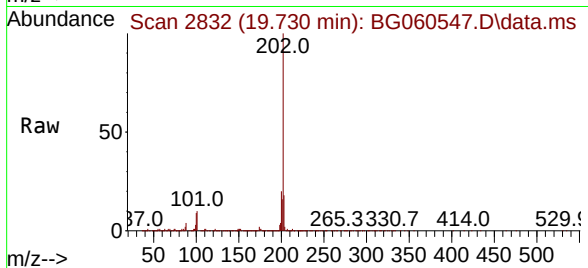
COMP-2

Tgt Ion:202 Resp: 529648
 Ion Ratio Lower Upper
 202 100
 200 19.8 23.5 35.3#
 203 17.8 19.6 29.4#

Manual Integrations

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



#79

Terphenyl-d14

Concen: 67.408 ng

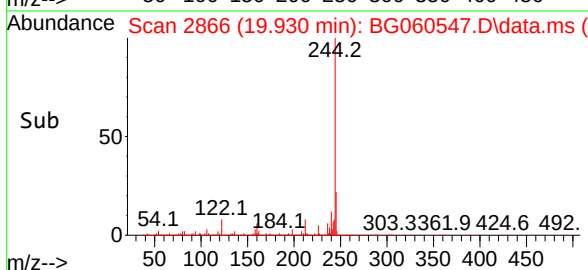
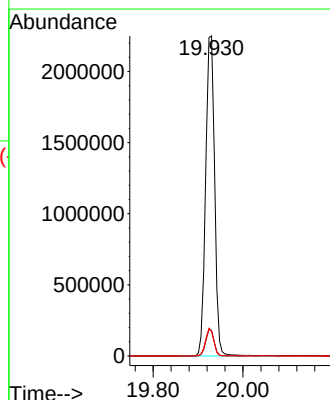
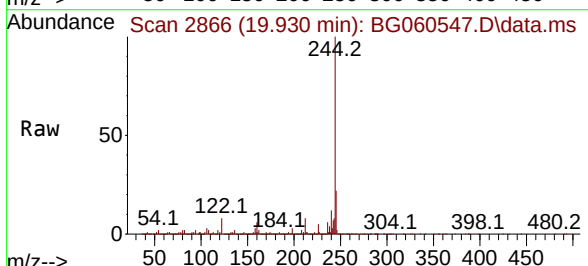
RT: 19.930 min Scan# 2866

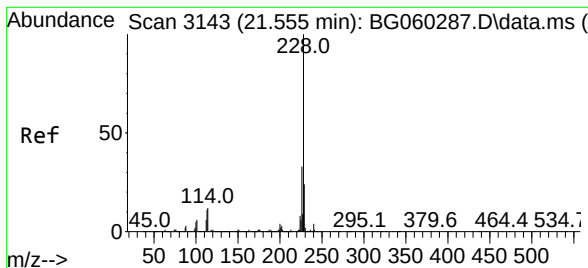
Delta R.T. -0.003 min

Lab File: BG060547.D

Acq: 2 Feb 2024 00:24

Tgt Ion:244 Resp: 3125062
 Ion Ratio Lower Upper
 244 100
 212 8.0 10.9 16.3#
 122 7.6 12.6 18.8#





#81

Benzo(a)anthracene

Concen: 4.275 ng

RT: 21.552 min Scan# 3143

Delta R.T. -0.003 min

Lab File: BG060547.D

Acq: 2 Feb 2024 00:24

Instrument :

BNA_G

ClientSampleId :

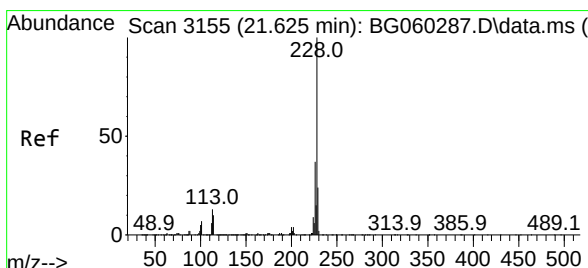
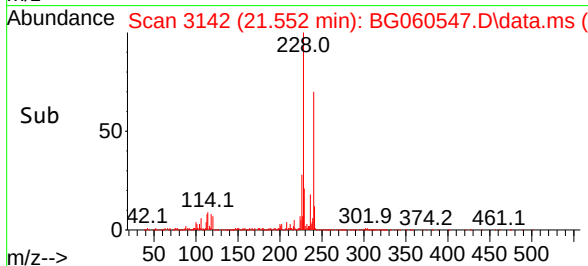
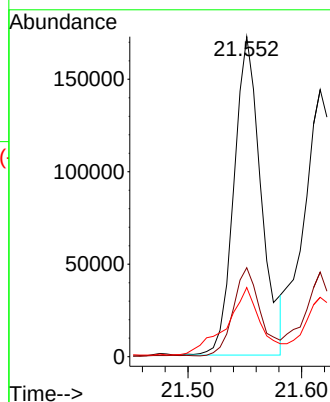
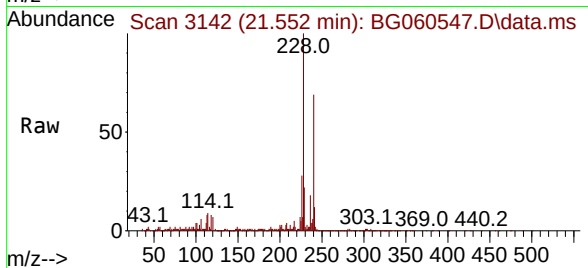
COMP-2

Tgt Ion:228 Resp: 286240
 Ion Ratio Lower Upper
 228 100
 226 27.8 26.2 39.2
 229 21.6 19.4 29.2

Manual Integrations

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



#83

Chrysene

Concen: 4.052 ng

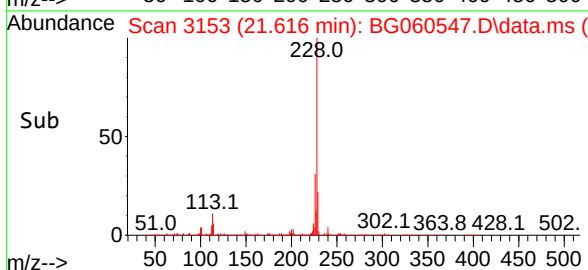
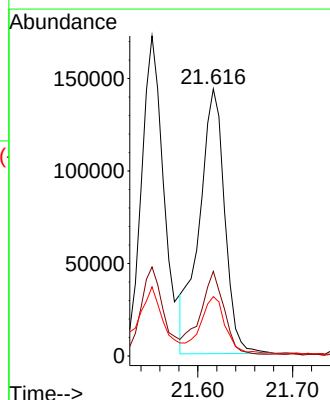
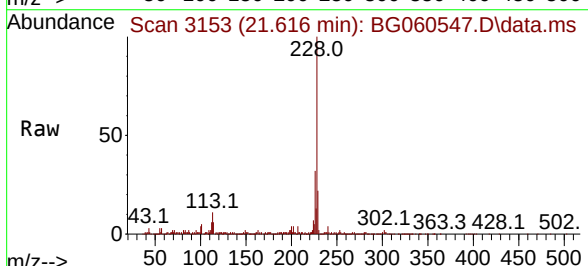
RT: 21.616 min Scan# 3153

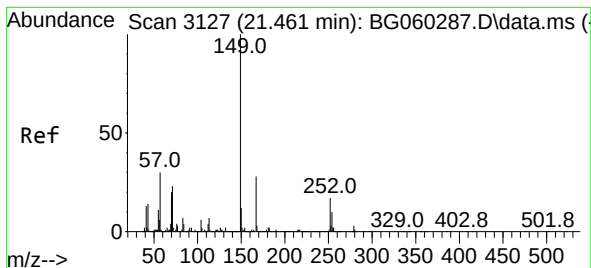
Delta R.T. -0.009 min

Lab File: BG060547.D

Acq: 2 Feb 2024 00:24

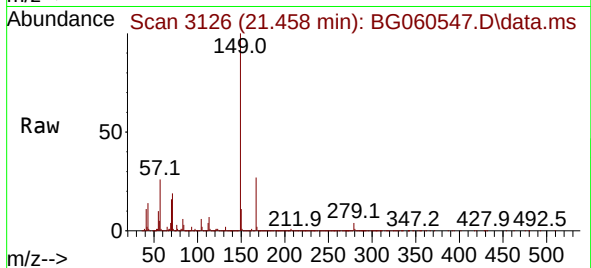
Tgt Ion:228 Resp: 266879
 Ion Ratio Lower Upper
 228 100
 226 31.7 29.4 44.2
 229 22.2 19.2 28.8





#84
Bis(2-ethylhexyl)phthalate
Concen: 40.774 ng
RT: 21.458 min Scan# 3127
Delta R.T. -0.003 min
Lab File: BG060547.D
Acq: 2 Feb 2024 00:24

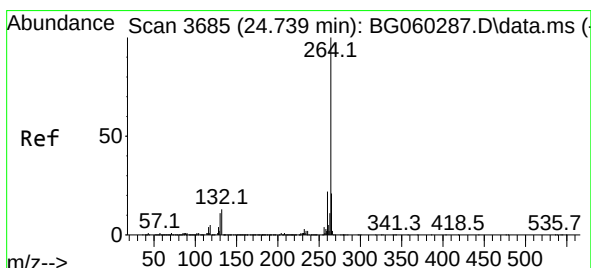
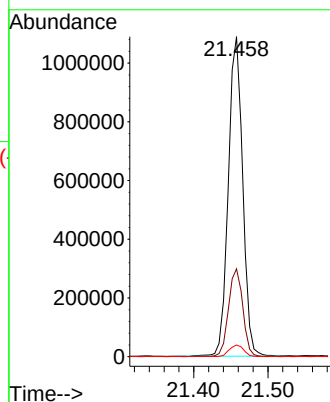
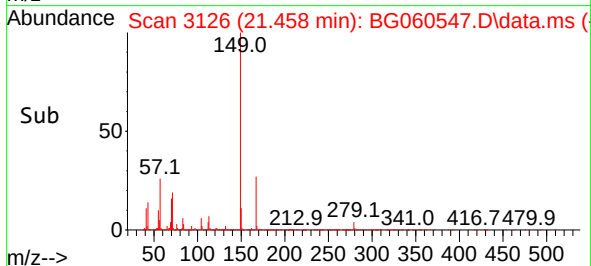
Instrument :
BNA_G
ClientSampleId :
COMP-2



Tgt Ion:149 Resp: 1464260
Ion Ratio Lower Upper
149 100
167 27.5 22.2 33.2
279 3.6 2.7 4.1

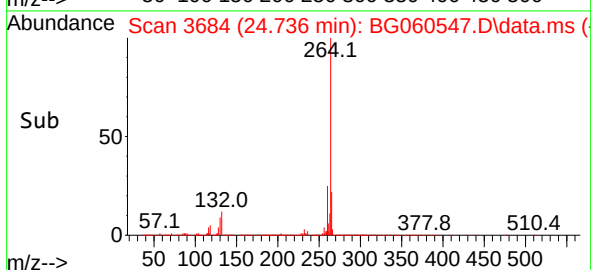
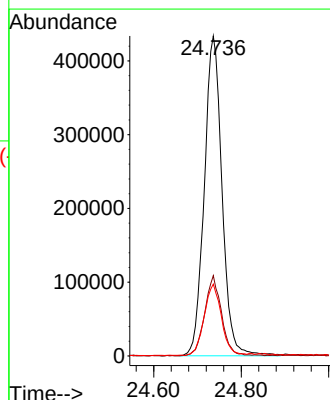
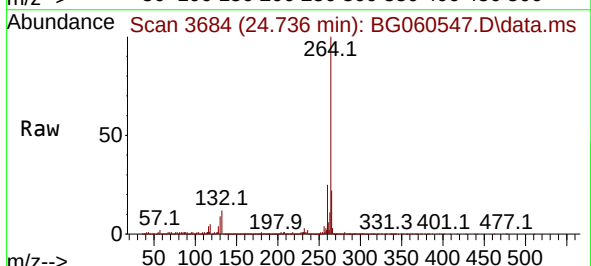
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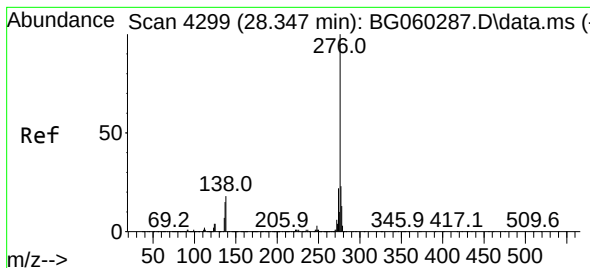
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.736 min Scan# 3684
Delta R.T. -0.003 min
Lab File: BG060547.D
Acq: 2 Feb 2024 00:24

Tgt Ion:264 Resp: 1225182
Ion Ratio Lower Upper
264 100
260 25.1 17.8 26.6
265 22.5 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.052 ng

RT: 28.338 min Scan# 4299

Delta R.T. -0.009 min

Lab File: BG060547.D

Acq: 2 Feb 2024 00:24

Instrument :

BNA_G

ClientSampleId :

COMP-2

Tgt Ion:276 Resp: 174778

Ion Ratio Lower Upper

276 100

138 13.7 12.5 18.7

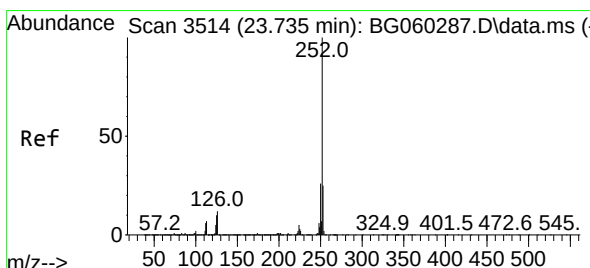
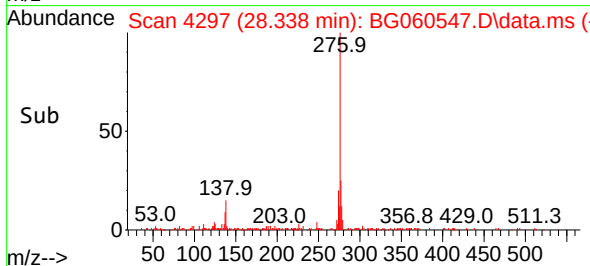
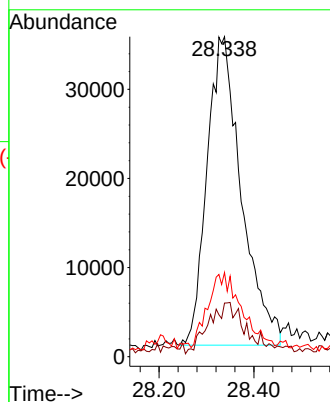
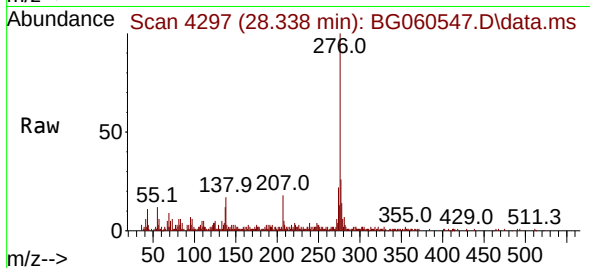
277 24.4 20.5 30.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/02/2024

Supervised By :Sohil Jodhani 02/02/2024



#88

Benzo(b)fluoranthene

Concen: 5.279 ng

RT: 23.732 min Scan# 3513

Delta R.T. -0.003 min

Lab File: BG060547.D

Acq: 2 Feb 2024 00:24

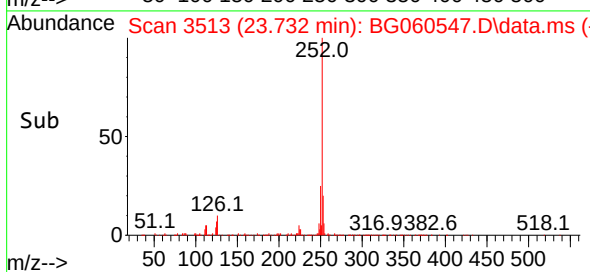
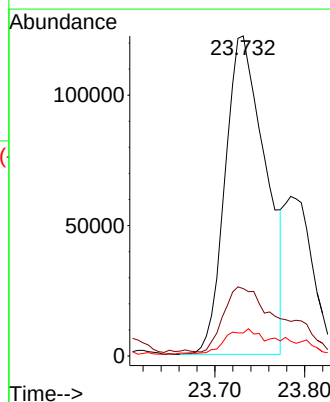
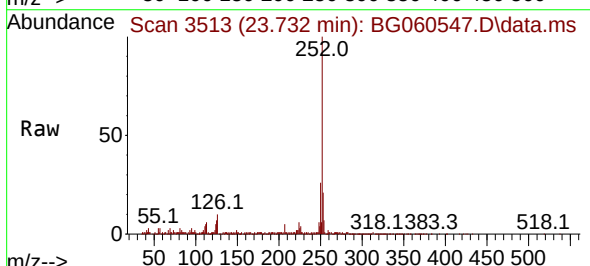
Tgt Ion:252 Resp: 382061

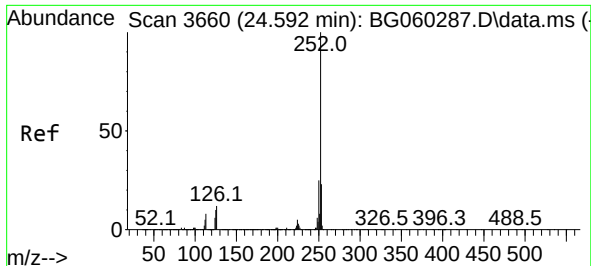
Ion Ratio Lower Upper

252 100

253 21.1 20.0 30.0

125 7.2 8.1 12.1#





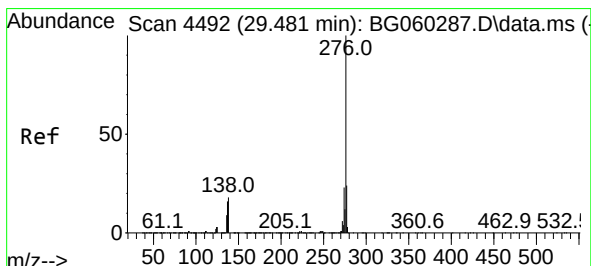
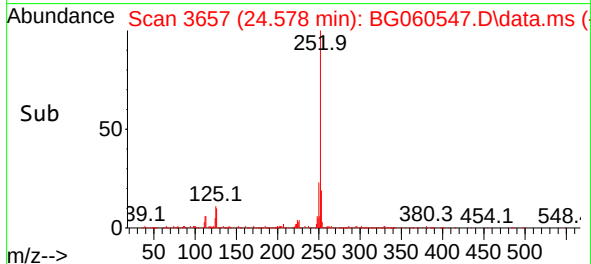
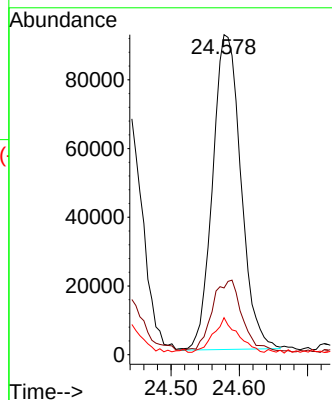
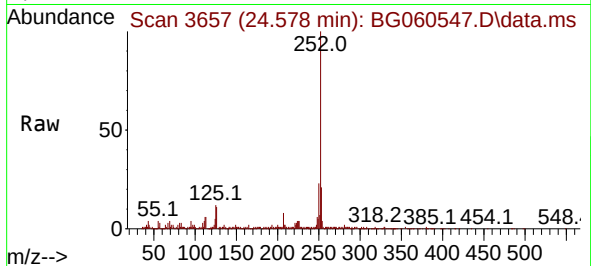
#90
Benzo(a)pyrene
Concen: 4.033 ng
RT: 24.578 min Scan# 30
Delta R.T. -0.015 min
Lab File: BG060547.D
Acq: 2 Feb 2024 00:24

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:252 Resp: 26369
Ion Ratio Lower Upper
252 100
253 20.9 18.1 27.1
125 11.5 8.1 12.1

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



#92
Benzo(g,h,i)perylene
Concen: 2.564 ng m
RT: 29.460 min Scan# 4488
Delta R.T. -0.021 min
Lab File: BG060547.D
Acq: 2 Feb 2024 00:24

Tgt Ion:276 Resp: 182792
Ion Ratio Lower Upper
276 100
277 22.2 19.4 29.0
138 13.9 14.2 21.4#

