

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
 Data File : BG060551.D
 Acq On : 2 Feb 2024 3:05
 Operator : MA/JU
 Sample : P1317-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-7-013124

Manual Integrations
 APPROVED

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

Quant Time: Feb 02 03:51:30 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	7.917	152	145006	20.000	ng	-0.01
21) Naphthalene-d8	10.720	136	583446	20.000	ng	#-0.01
39) Acenaphthene-d10	14.556	164	383837	20.000	ng	-0.01
64) Phenanthrene-d10	17.306	188	1063552	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1015083	20.000	ng	0.00
86) Perylene-d12	24.739	264	1030821	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	138198	15.676	ng	0.00
7) Phenol-d6	7.089	99	261522	20.033	ng	0.00
23) Nitrobenzene-d5	9.081	82	150501	12.180	ng	-0.01
42) 2,4,6-Tribromophenol	16.049	330	85365	15.116	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	470622	17.047	ng	0.00
79) Terphenyl-d14	19.927	244	685180	9.611	ng	0.00
Target Compounds						
75) Fluoranthene	19.368	202	201058	3.256	ng	Qvalue 89
78) Pyrene	19.727	202	220467	3.401	ng	# 85
81) Benzo(a)anthracene	21.554	228	151270	2.407	ng	95
83) Chrysene	21.619	228	154614m	2.502	ng	
88) Benzo(b)fluoranthene	23.734	252	180465	2.963	ng	# 97
90) Benzo(a)pyrene	24.586	252	155587	2.828	ng	97

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

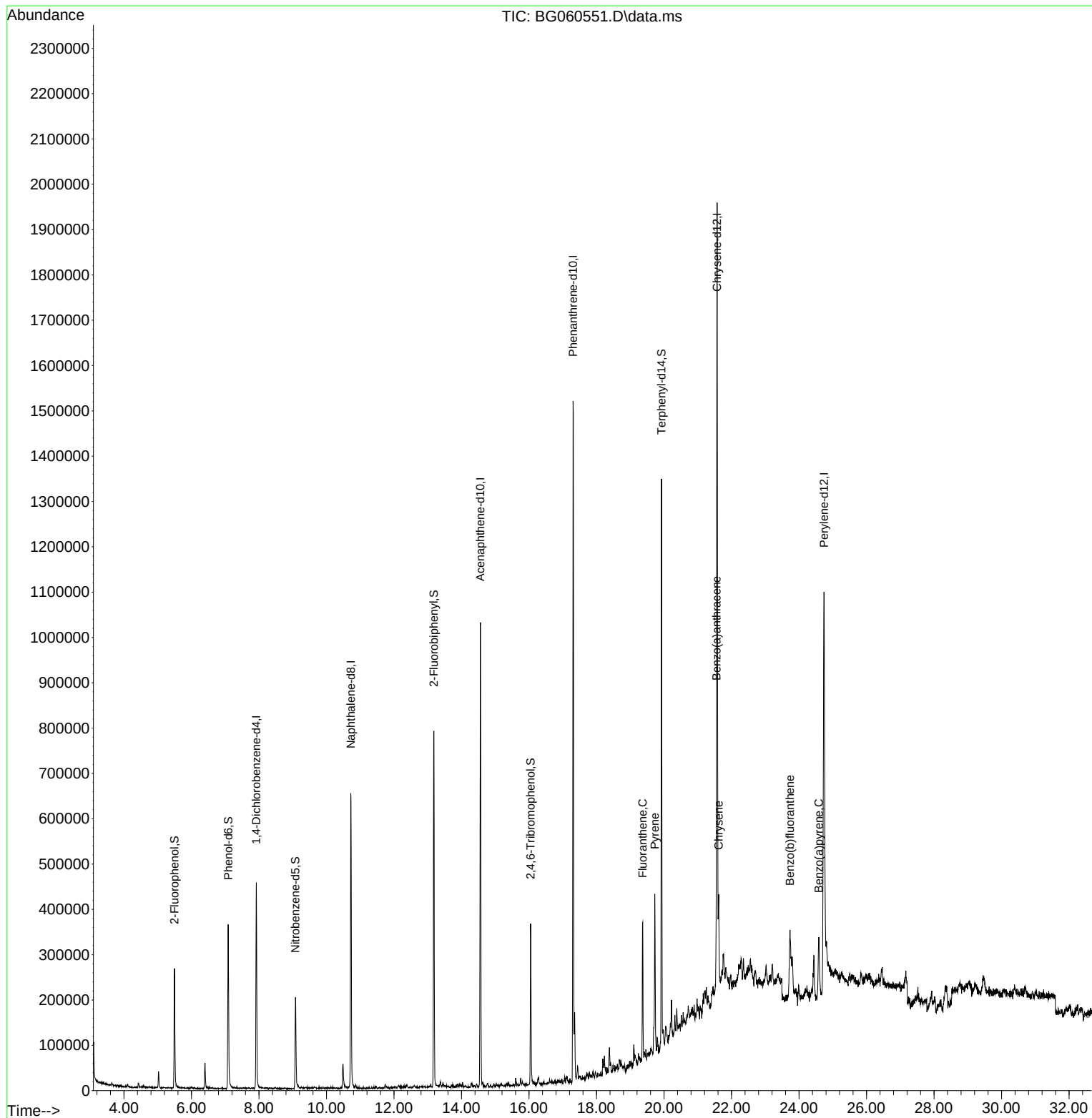
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
Data File : BG060551.D
Acq On : 2 Feb 2024 3:05
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Misc :
ALS Vial : 17 Sample Multiplier: 1

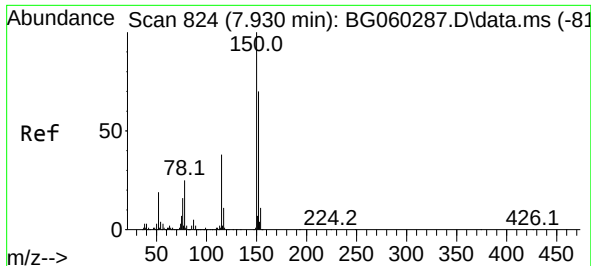
Instrument :
BNA_G
ClientSampleId :
NB-7-013124

Quant Time: Feb 02 03:51:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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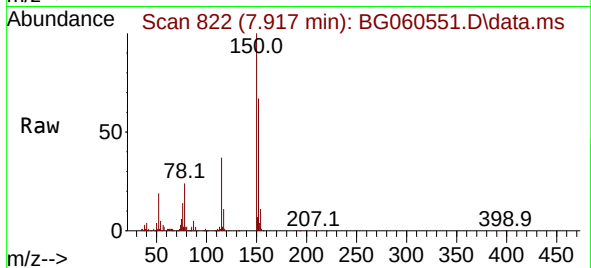
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.917 min Scan# 81
Delta R.T. -0.013 min
Lab File: BG060551.D
Acq: 2 Feb 2024 3:05

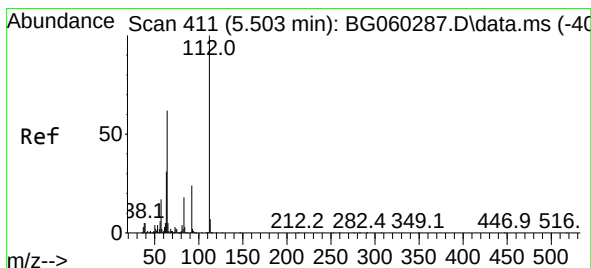
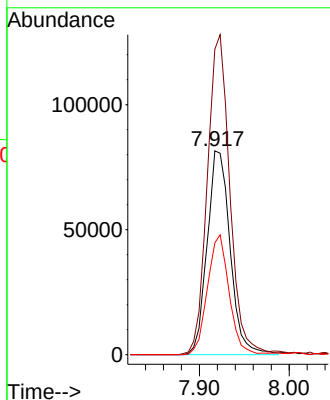
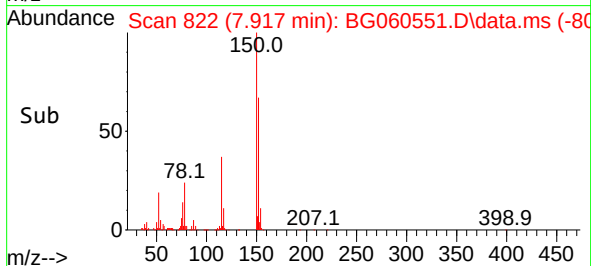
Instrument :
BNA_G
ClientSampleId :
NB-7-013124



Tgt Ion:152 Resp: 145000
Ion Ratio Lower Upper
152 100
150 149.9 114.5 171.7
115 54.9 43.0 64.6

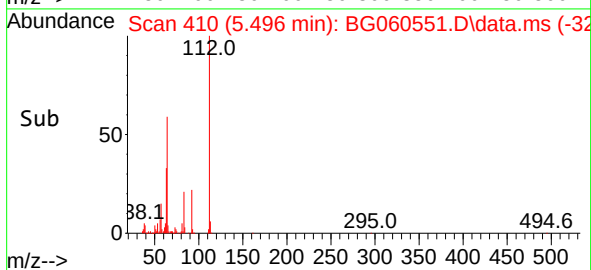
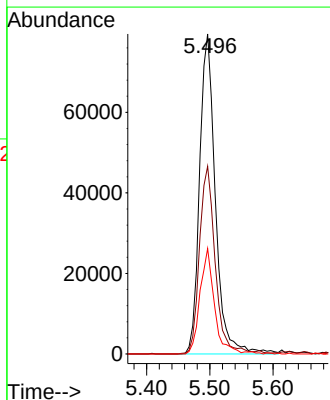
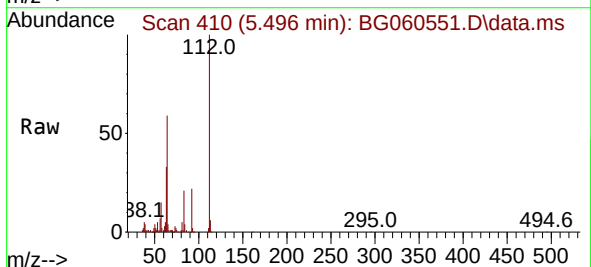
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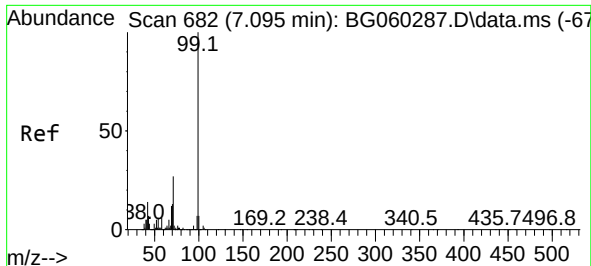
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#5
2-Fluorophenol
Concen: 15.676 ng
RT: 5.496 min Scan# 410
Delta R.T. -0.007 min
Lab File: BG060551.D
Acq: 2 Feb 2024 3:05

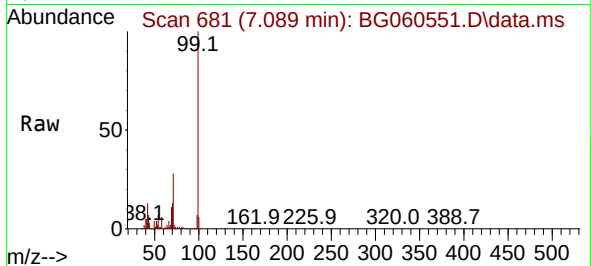
Tgt Ion:112 Resp: 138198
Ion Ratio Lower Upper
112 100
64 58.7 49.8 74.6
63 33.0 24.4 36.6





#7
Phenol-d6
Concen: 20.033 ng
RT: 7.089 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG060551.D
Acq: 2 Feb 2024 3:05

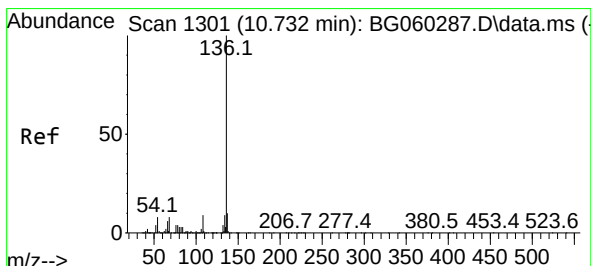
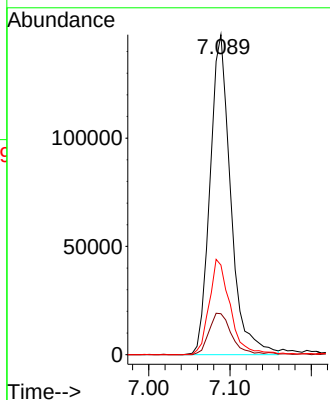
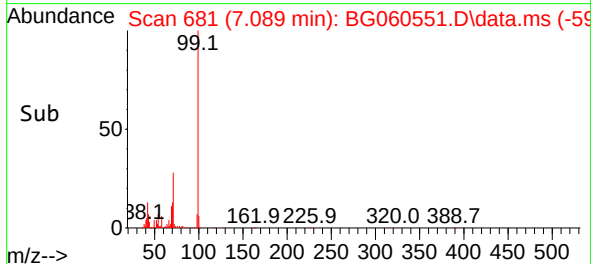
Instrument :
BNA_G
ClientSampleId :
NB-7-013124



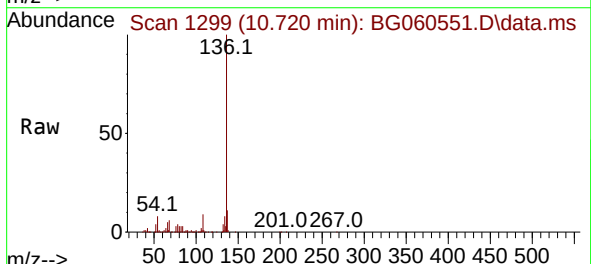
Tgt Ion: 99 Resp: 26152
Ion Ratio Lower Upper
99 100
42 12.8 10.9 16.3
71 28.0 21.5 32.3

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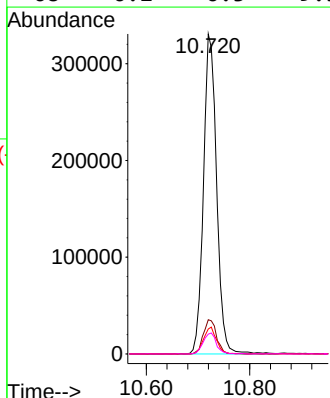
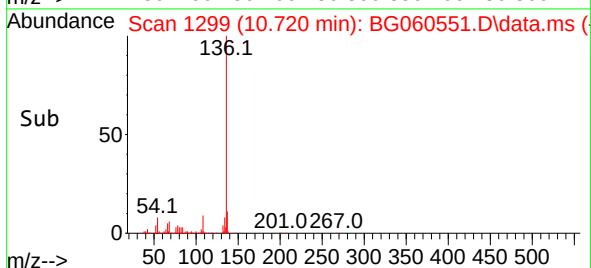
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024

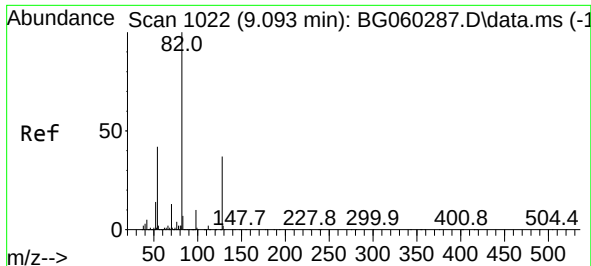


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.720 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BG060551.D
Acq: 2 Feb 2024 3:05



Tgt Ion:136 Resp: 583446
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.4
54 7.8 6.2 9.2
68 6.2 6.3 9.5#





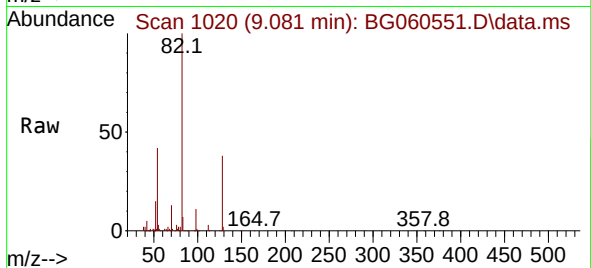
#23
Nitrobenzene-d5
Concen: 12.180 ng
RT: 9.081 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BG060551.D
Acq: 2 Feb 2024 3:05

Instrument :

BNA_G

ClientSampleId :

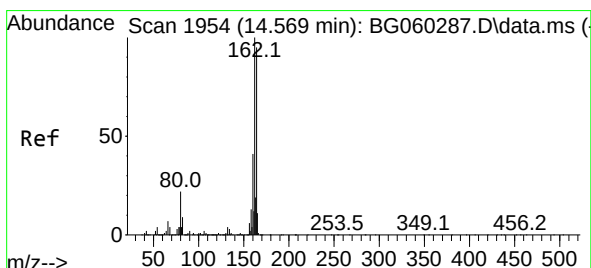
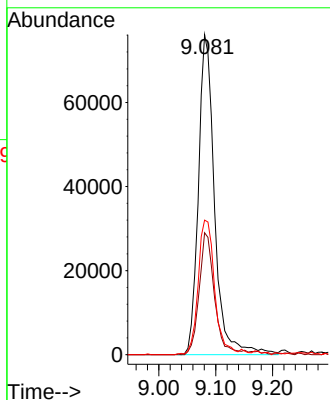
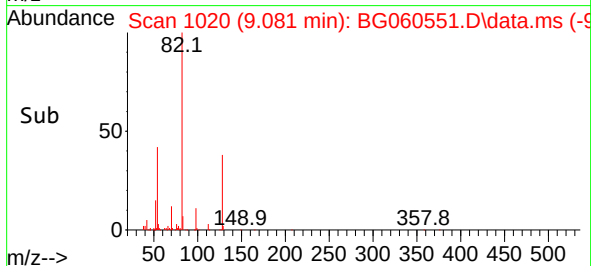
NB-7-013124



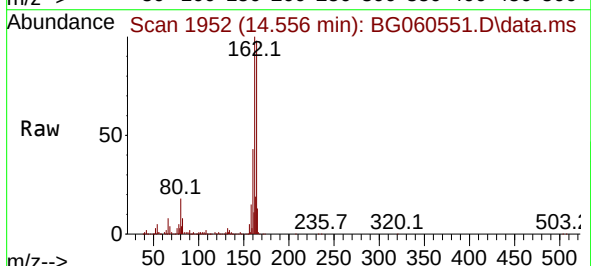
Tgt Ion: 82 Resp: 15050
Ion Ratio Lower Upper
82 100
128 38.1 29.6 44.4
54 42.0 33.6 50.4

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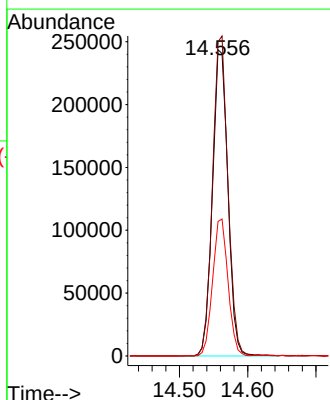
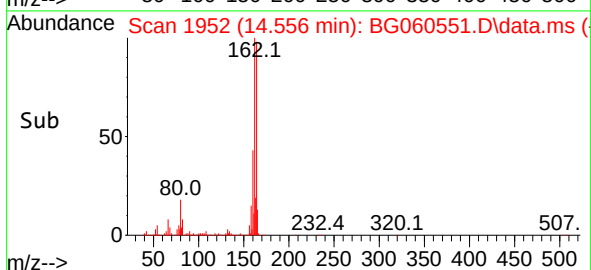
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024

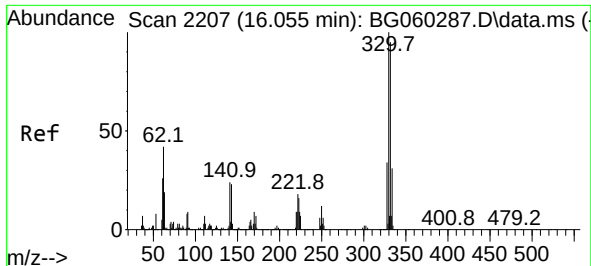


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.556 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BG060551.D
Acq: 2 Feb 2024 3:05



Tgt Ion:164 Resp: 383837
Ion Ratio Lower Upper
164 100
162 102.5 84.4 126.6
160 43.9 34.6 52.0





#42
2,4,6-Tribromophenol
Concen: 15.116 ng
RT: 16.049 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060551.D
Acq: 2 Feb 2024 3:05

Instrument :

BNA_G

ClientSampleId :

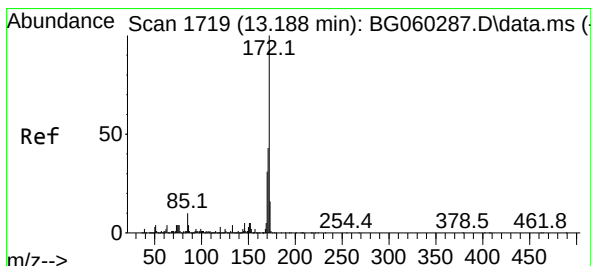
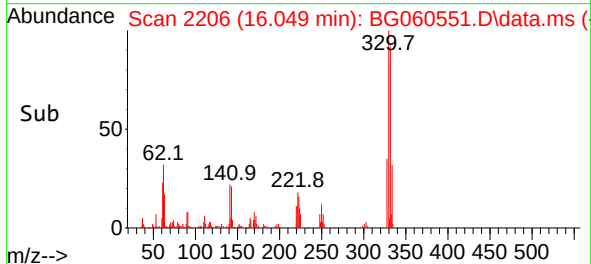
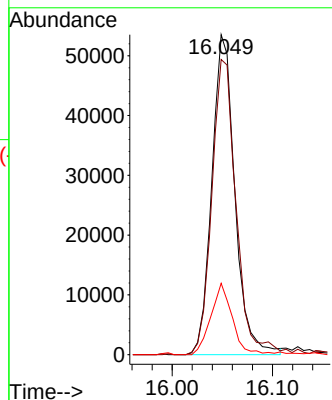
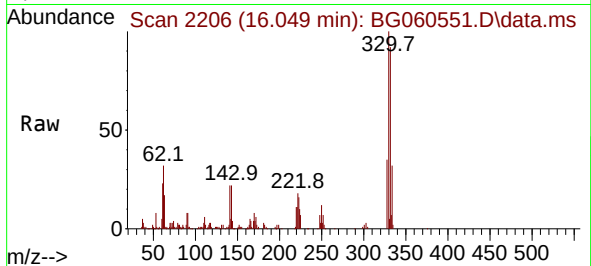
NB-7-013124

Tgt Ion:330 Resp: 8536
Ion Ratio Lower Upper
330 100
332 97.6 76.7 115.1
141 20.9 18.6 28.0

Manual Integrations

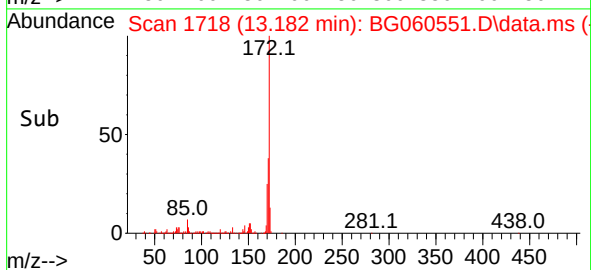
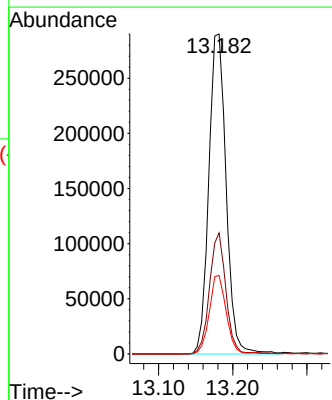
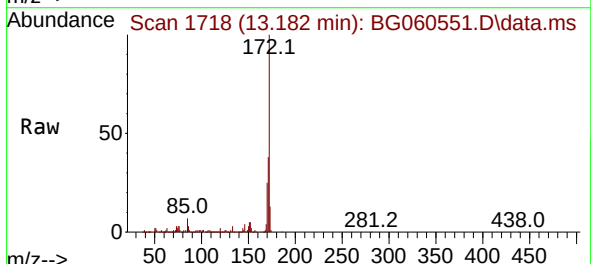
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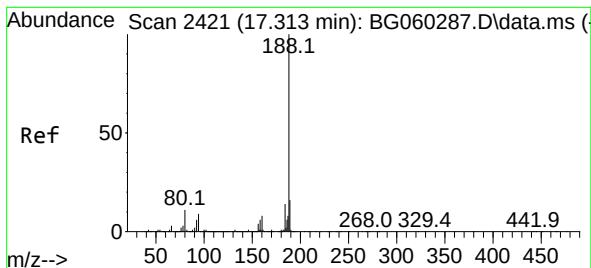
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#45
2-Fluorobiphenyl
Concen: 17.047 ng
RT: 13.182 min Scan# 1718
Delta R.T. -0.007 min
Lab File: BG060551.D
Acq: 2 Feb 2024 3:05

Tgt Ion:172 Resp: 470622
Ion Ratio Lower Upper
172 100
171 37.8 34.6 51.8
170 24.6 24.4 36.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.306 min Scan# 2421
Delta R.T. -0.007 min
Lab File: BG060551.D
Acq: 2 Feb 2024 3:05

Instrument :

BNA_G

ClientSampleId :

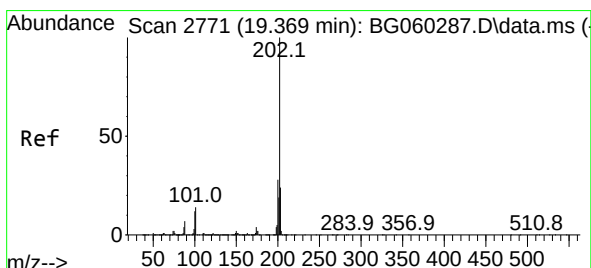
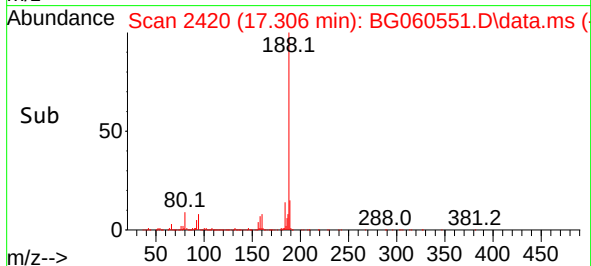
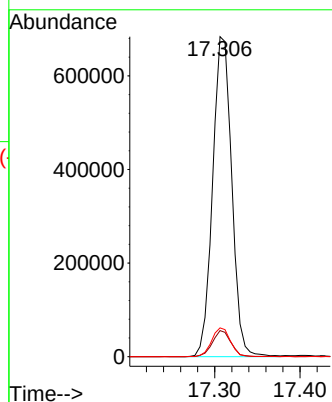
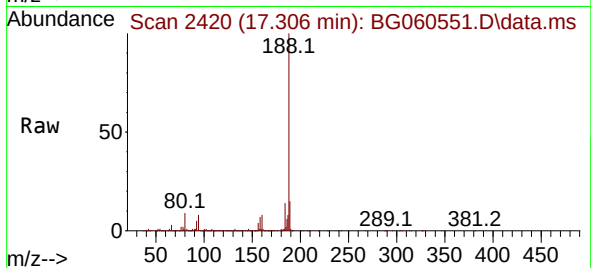
NB-7-013124

Tgt Ion:188 Resp: 106355
Ion Ratio Lower Upper
188 100
94 8.1 7.1 10.7
80 9.0 8.5 12.7

Manual Integrations

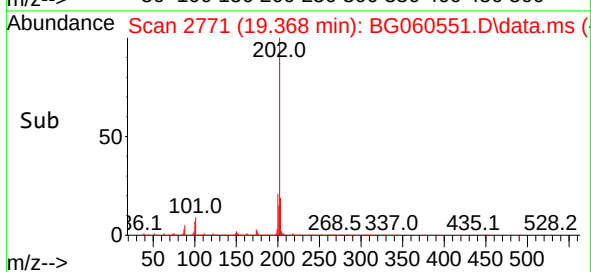
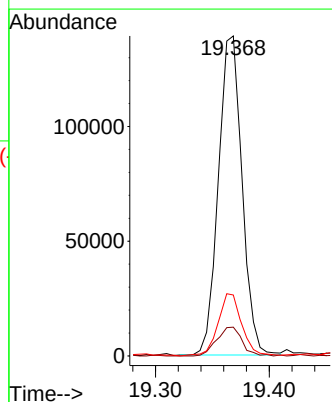
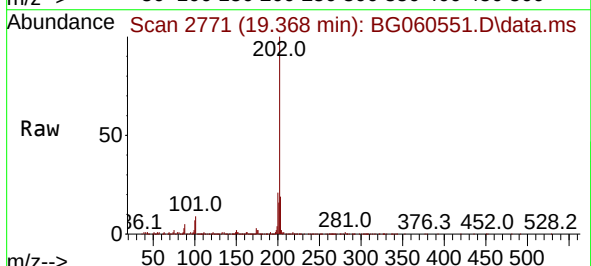
APPROVED

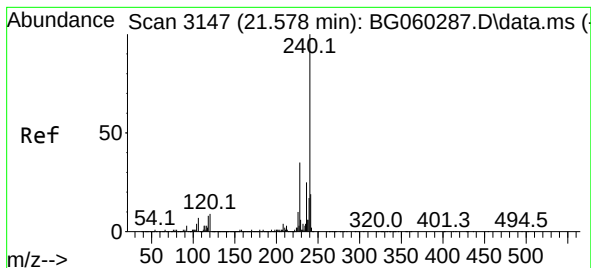
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#75
Fluoranthene
Concen: 3.256 ng
RT: 19.368 min Scan# 2771
Delta R.T. -0.001 min
Lab File: BG060551.D
Acq: 2 Feb 2024 3:05

Tgt Ion:202 Resp: 201058
Ion Ratio Lower Upper
202 100
101 9.0 0.0 34.4
203 19.0 4.0 44.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.572 min Scan# 3147

Delta R.T. -0.007 min

Lab File: BG060551.D

Acq: 2 Feb 2024 3:05

Instrument :

BNA_G

ClientSampleId :

NB-7-013124

Tgt Ion:240 Resp: 101508

Ion Ratio Lower Upper

240 100

120 8.2 7.3 10.9

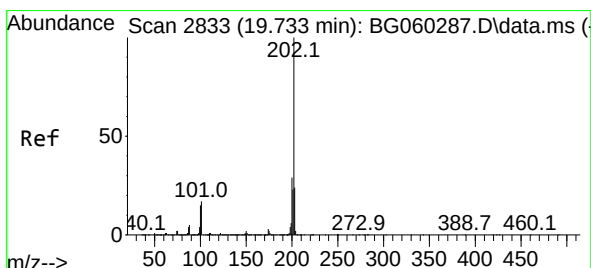
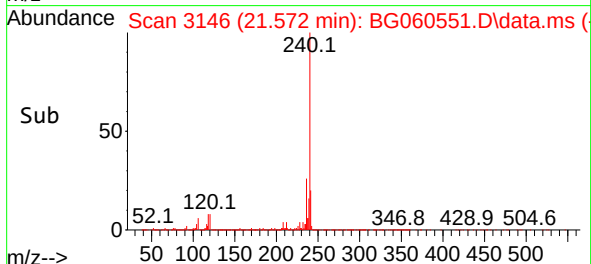
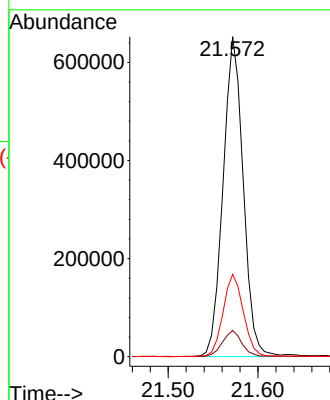
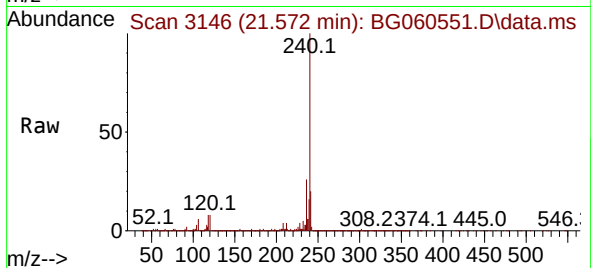
236 25.8 20.3 30.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/02/2024

Supervised By :Sohil Jodhani 02/02/2024



#78

Pyrene

Concen: 3.401 ng

RT: 19.727 min Scan# 2832

Delta R.T. -0.007 min

Lab File: BG060551.D

Acq: 2 Feb 2024 3:05

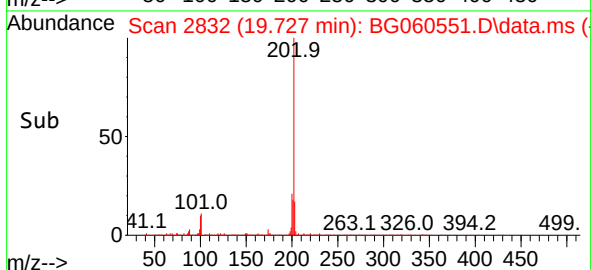
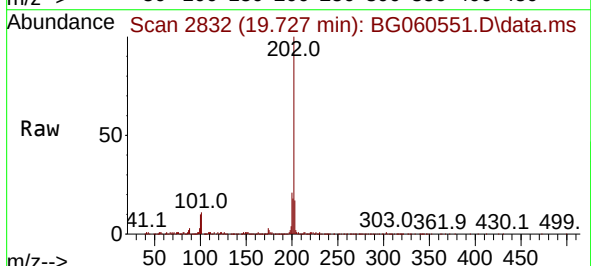
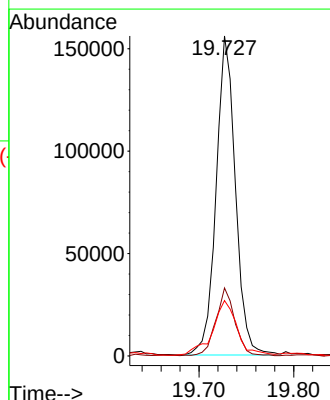
Tgt Ion:202 Resp: 220467

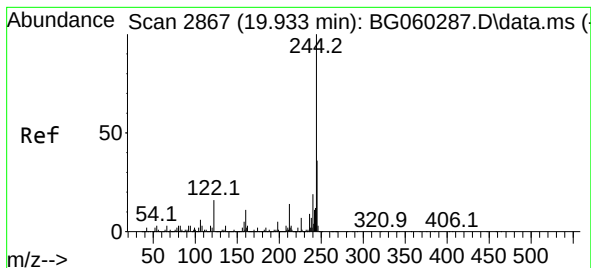
Ion Ratio Lower Upper

202 100

200 21.3 23.5 35.3#

203 17.3 19.6 29.4#





#79

Terphenyl-d14

Concen: 9.611 ng

RT: 19.927 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG060551.D

Acq: 2 Feb 2024 3:05

Instrument :

BNA_G

ClientSampleId :

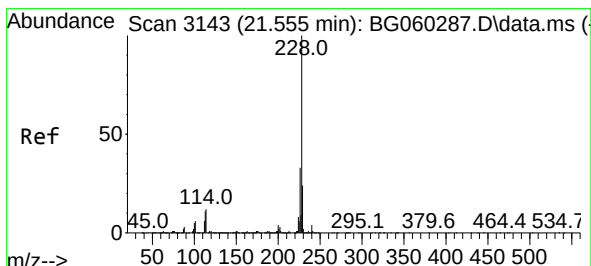
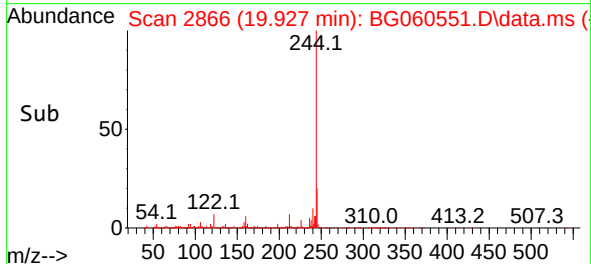
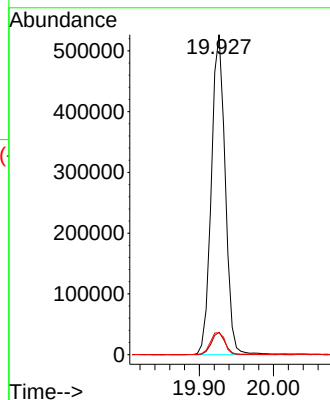
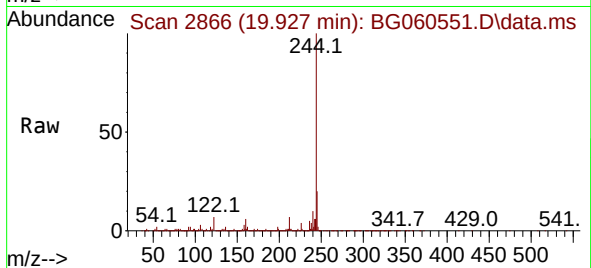
NB-7-013124

Tgt Ion:	244	Resp:	685180
Ion Ratio	Lower	Upper	
244	100		
212	7.0	10.9	16.3
122	6.8	12.6	18.8

Manual Integrations

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#81

Benzo(a)anthracene

Concen: 2.407 ng

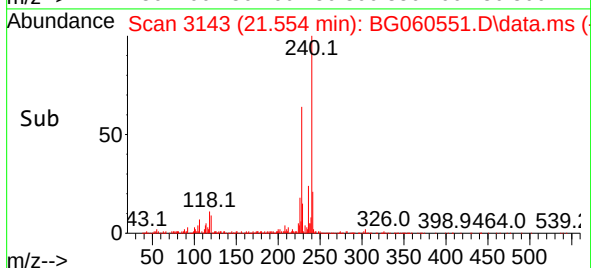
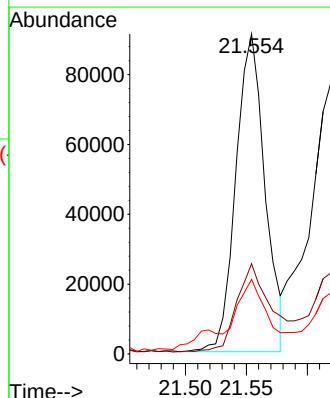
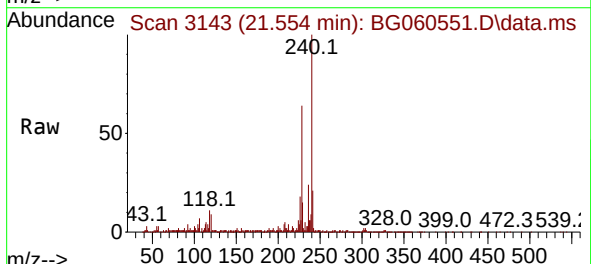
RT: 21.554 min Scan# 3143

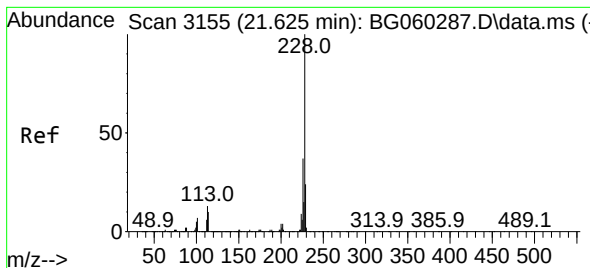
Delta R.T. -0.001 min

Lab File: BG060551.D

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Tgt Ion:	228	Resp:	151270
Ion Ratio	Lower	Upper	
228	100		
226	28.2	26.2	39.2
229	23.3	19.4	29.2





#83

Chrysene

Concen: 2.502 ng m

RT: 21.619 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG060551.D

Acq: 2 Feb 2024 3:05

Instrument :

BNA_G

ClientSampleId :

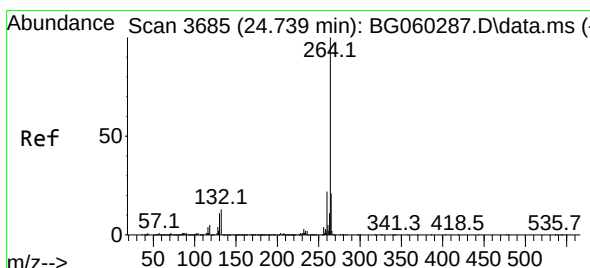
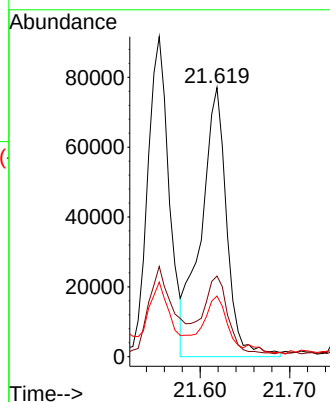
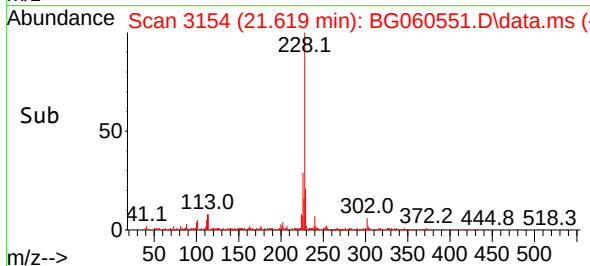
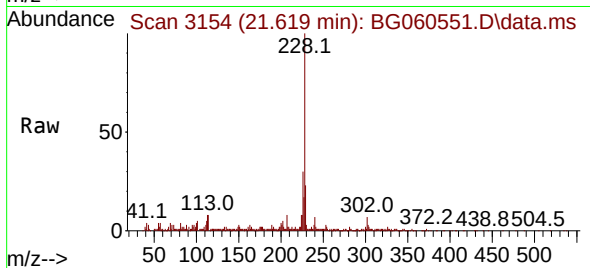
NB-7-013124

Tgt Ion:228 Resp: 154614
 Ion Ratio Lower Upper
 228 100
 226 30.0 29.4 44.2
 229 22.5 19.2 28.8

Manual Integrations

APPROVED

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



#86

Perylene-d12

Concen: 20.000 ng

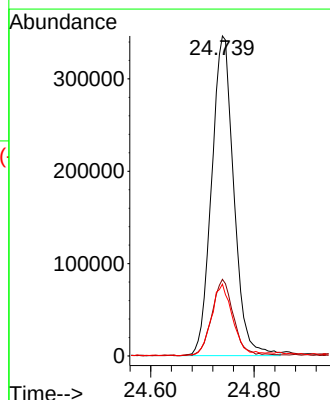
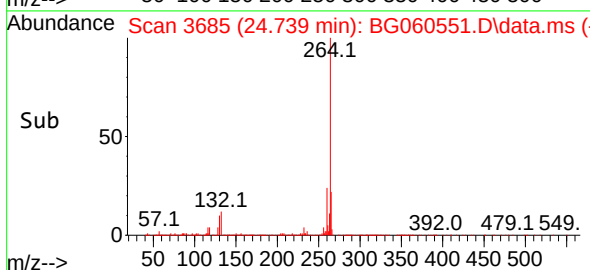
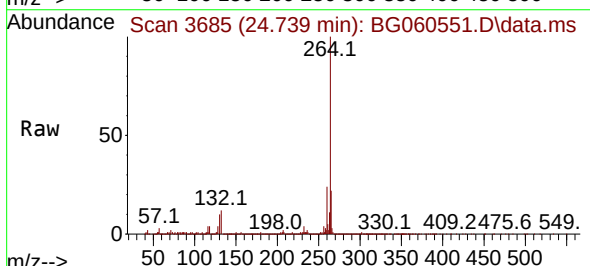
RT: 24.739 min Scan# 3685

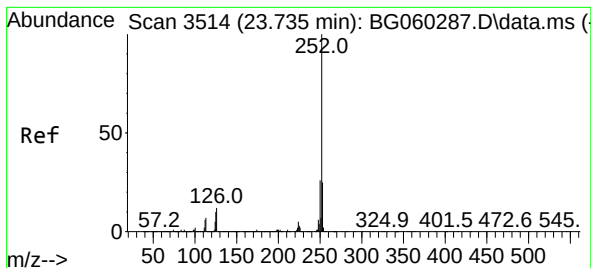
Delta R.T. -0.001 min

Lab File: BG060551.D

Acq: 2 Feb 2024 3:05

Tgt Ion:264 Resp: 1030821
 Ion Ratio Lower Upper
 264 100
 260 23.9 17.8 26.6
 265 22.5 16.8 25.2





#88

Benzo(b)fluoranthene

Concen: 2.963 ng

RT: 23.734 min Scan# 3

Delta R.T. -0.001 min

Lab File: BG060551.D

Acq: 2 Feb 2024 3:05

Instrument :

BNA_G

ClientSampleId :

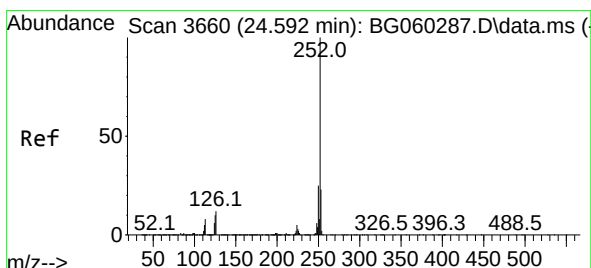
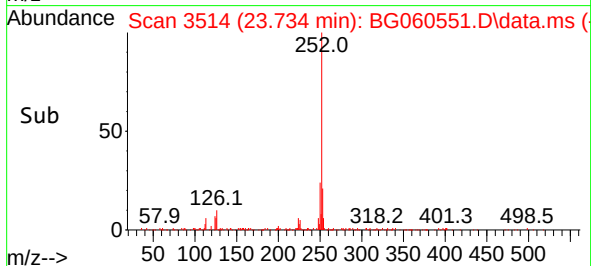
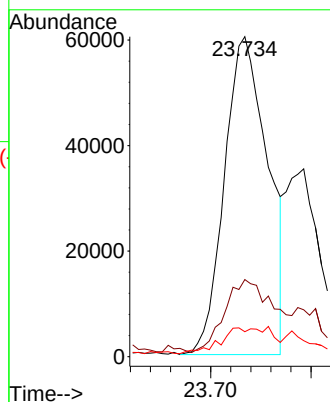
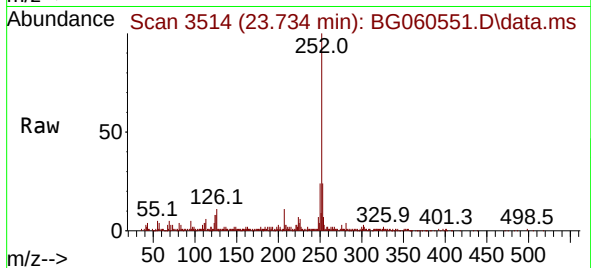
NB-7-013124

Tgt Ion:252 Resp: 18046
Ion Ratio Lower Upper
252 100
253 24.1 20.0 30.0
125 7.8 8.1 12.1

Manual Integrations

APPROVED

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



#90

Benzo(a)pyrene

Concen: 2.828 ng

RT: 24.586 min Scan# 3659

Delta R.T. -0.007 min

Lab File: BG060551.D

Acq: 2 Feb 2024 3:05

Tgt Ion:252 Resp: 155587
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 8.2 8.1 12.1

