

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
 Data File : BG060548.D
 Acq On : 2 Feb 2024 1:04
 Operator : MA/JU
 Sample : P1313-02
 Misc :
 ALS Vial : 14 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 01:42:51 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	7.920	152	146262	20.000	ng	0.00
21) Naphthalene-d8	10.723	136	594888	20.000	ng	# 0.00
39) Acenaphthene-d10	14.559	164	443894	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	1099091	20.000	ng	0.00
76) Chrysene-d12	21.575	240	1040701	20.000	ng	0.00
86) Perylene-d12	24.736	264	1195874	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.494	112	699219	78.631	ng	0.00
7) Phenol-d6	7.086	99	886285	67.308	ng	0.00
23) Nitrobenzene-d5	9.083	82	650658	51.647	ng	0.00
42) 2,4,6-Tribromophenol	16.052	330	577977	88.498	ng	0.00
45) 2-Fluorobiphenyl	13.179	172	1712670	53.642	ng	0.00
79) Terphenyl-d14	19.930	244	2763982	59.888	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.350	178	657255	12.372	ng	93
72) Anthracene	17.444	178	127594	2.406	ng	94
75) Fluoranthene	19.366	202	1214063	19.027	ng	88
78) Pyrene	19.730	202	1067681	16.065	ng	# 86
81) Benzo(a)anthracene	21.551	228	553746	8.595	ng	92
83) Chrysene	21.616	228	502398	7.929	ng	93
84) Bis(2-ethylhexyl)phtha...	21.457	149	267258	7.735	ng	97
87) Indeno(1,2,3-cd)pyrene	28.337	276	277053	3.332	ng	95
88) Benzo(b)fluoranthene	23.725	252	711774m	10.075	ng	
89) Benzo(k)fluoranthene	23.790	252	148501m	2.130	ng	
90) Benzo(a)pyrene	24.589	252	502213	7.869	ng	96
92) Benzo(g,h,i)perylene	29.460	276	283675	4.076	ng	99

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

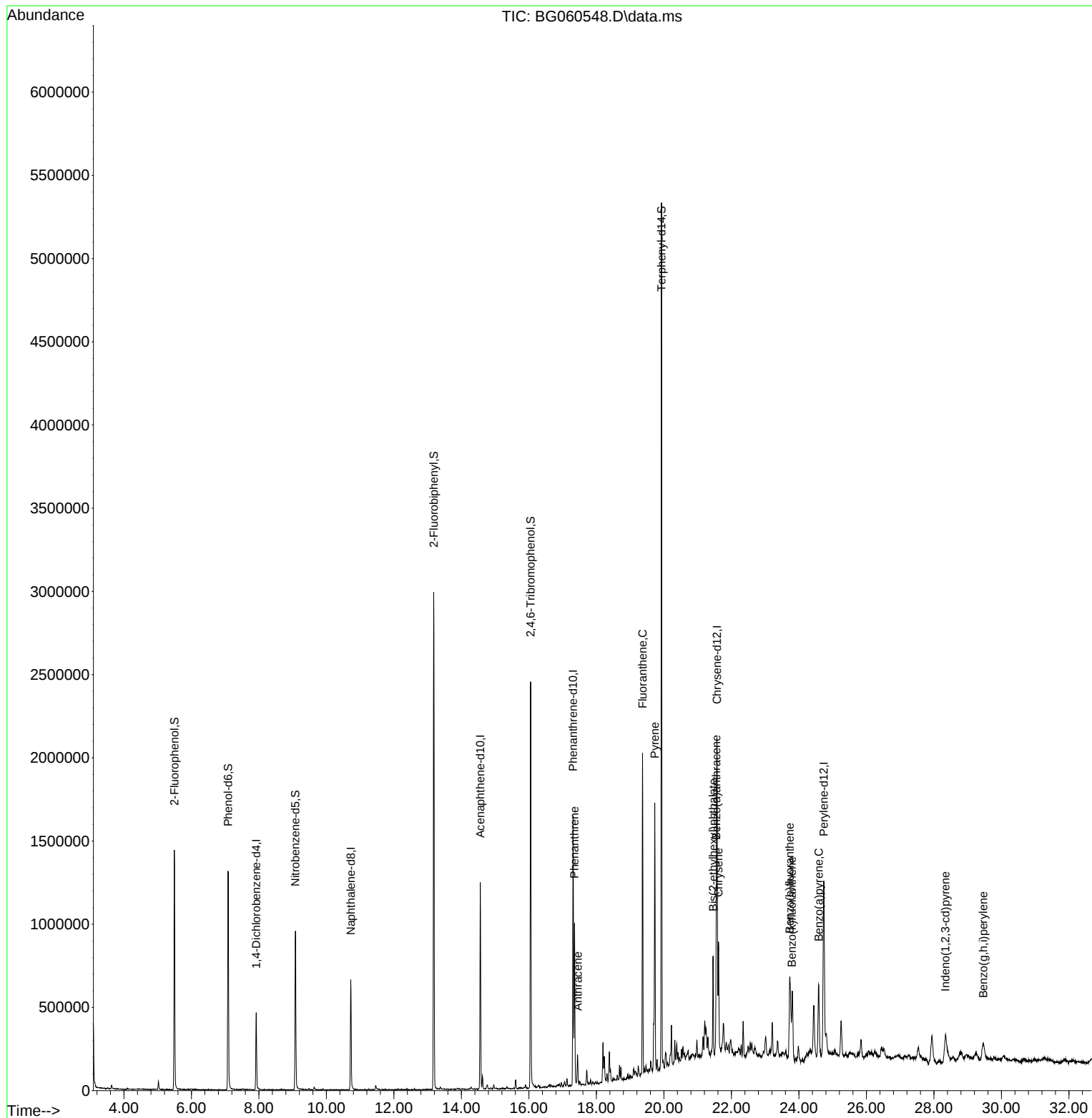
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
Data File : BG060548.D
Acq On : 2 Feb 2024 1:04
Operator : MA/JU
Sample : P1313-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

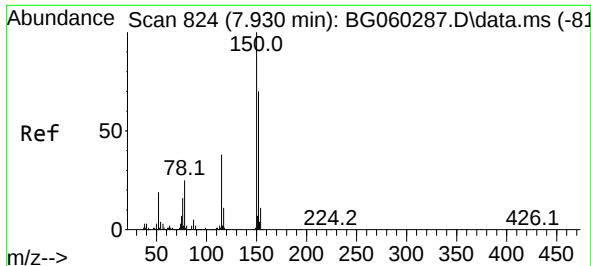
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Quant Time: Feb 02 01:42:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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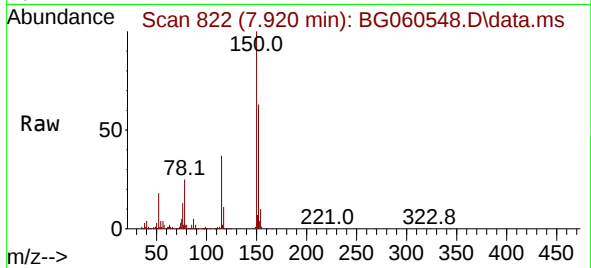
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.920 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG060548.D
Acq: 2 Feb 2024 1:04

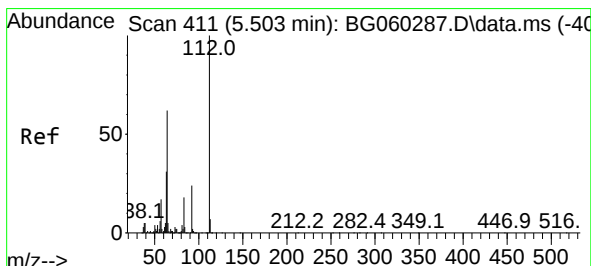
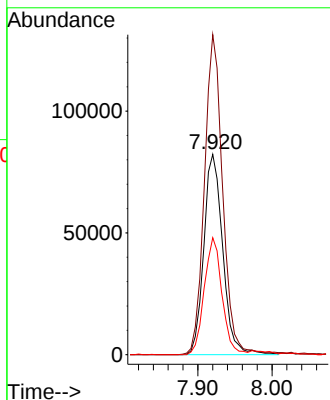
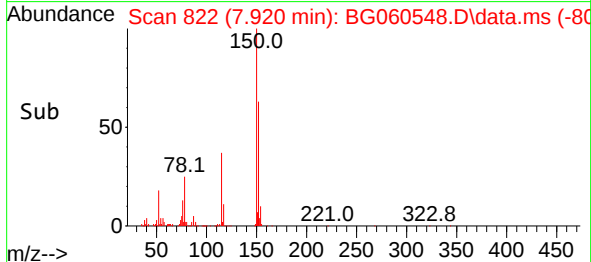
Instrument :
BNA_G
ClientSampleId :
COMP-2



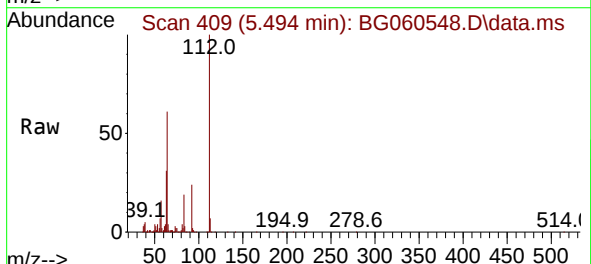
Tgt Ion:152 Resp: 146262
Ion Ratio Lower Upper
152 100
150 159.7 114.5 171.7
115 58.4 43.0 64.6

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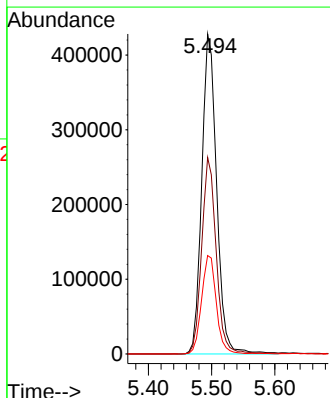
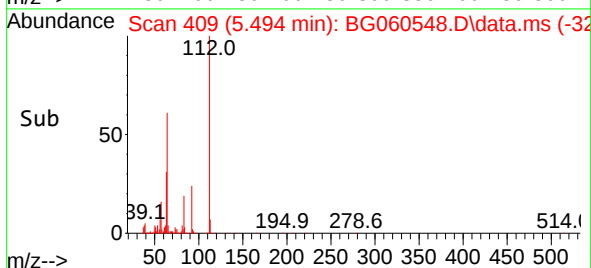
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024

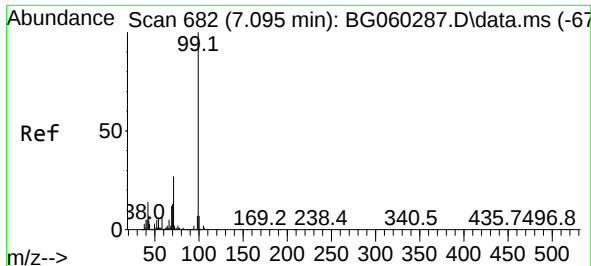


#5
2-Fluorophenol
Concen: 78.631 ng
RT: 5.494 min Scan# 409
Delta R.T. -0.009 min
Lab File: BG060548.D
Acq: 2 Feb 2024 1:04



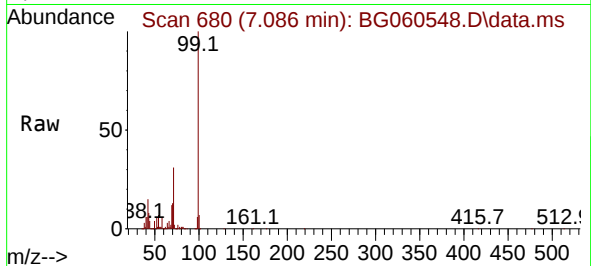
Tgt Ion:112 Resp: 699219
Ion Ratio Lower Upper
112 100
64 61.4 49.8 74.6
63 30.8 24.4 36.6





#7
Phenol-d6
Concen: 67.308 ng
RT: 7.086 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG060548.D
Acq: 2 Feb 2024 1:04

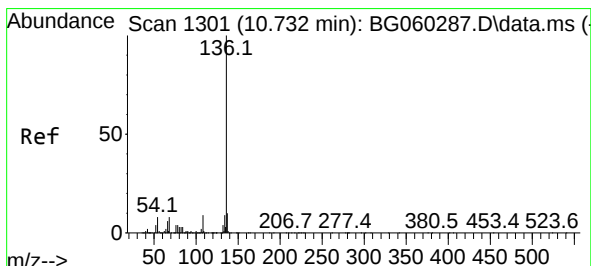
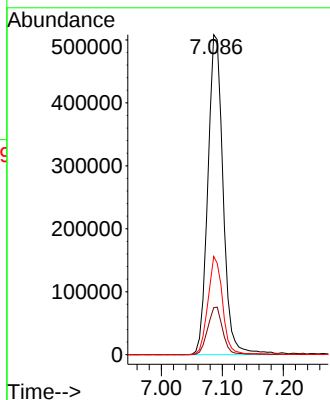
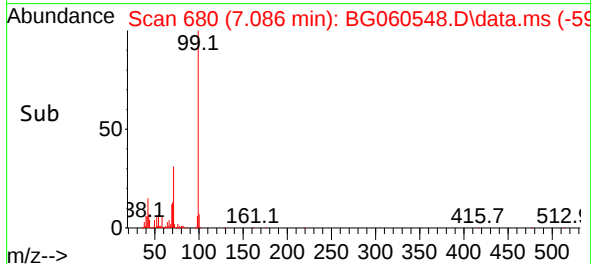
Instrument :
BNA_G
ClientSampleId :
COMP-2



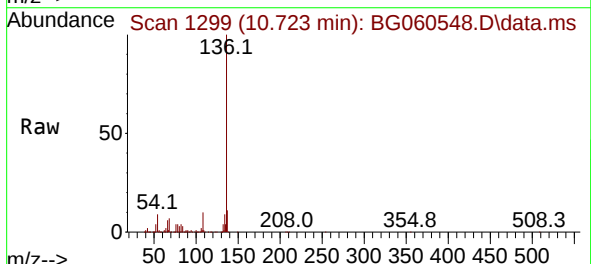
Tgt Ion: 99 Resp: 886285
Ion Ratio Lower Upper
99 100
42 14.7 10.9 16.3
71 30.7 21.5 32.3

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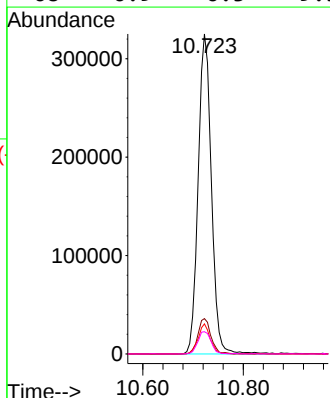
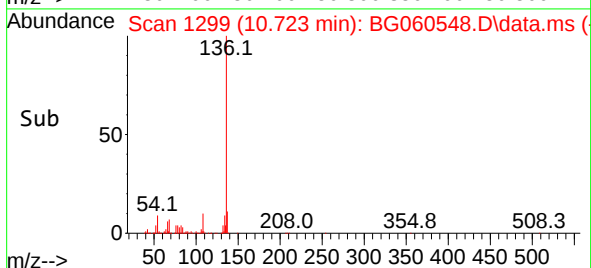
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024

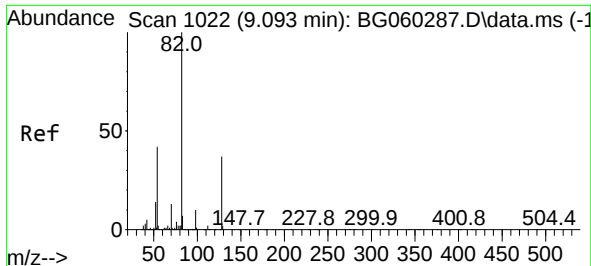


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 1299
Delta R.T. -0.009 min
Lab File: BG060548.D
Acq: 2 Feb 2024 1:04



Tgt Ion:136 Resp: 594888
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.4
54 9.4 6.2 9.2#
68 6.9 6.3 9.5





#23
Nitrobenzene-d5
Concen: 51.647 ng
RT: 9.083 min Scan# 1020
Delta R.T. -0.009 min
Lab File: BG060548.D
Acq: 2 Feb 2024 1:04

Instrument :

BNA_G

ClientSampleId :

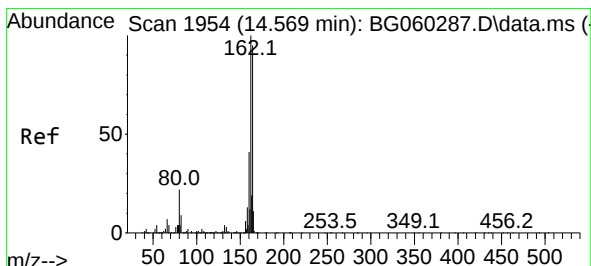
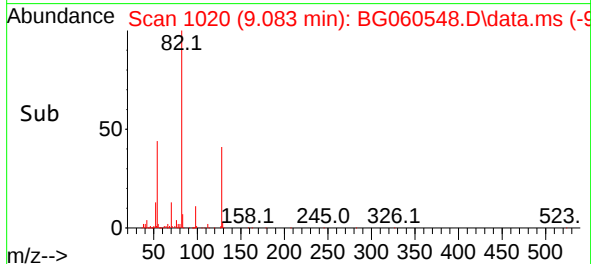
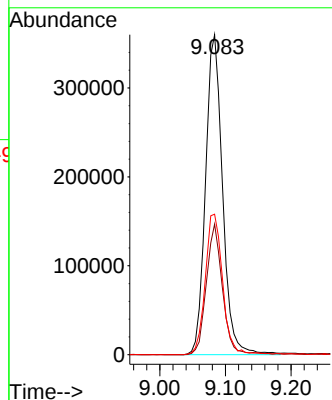
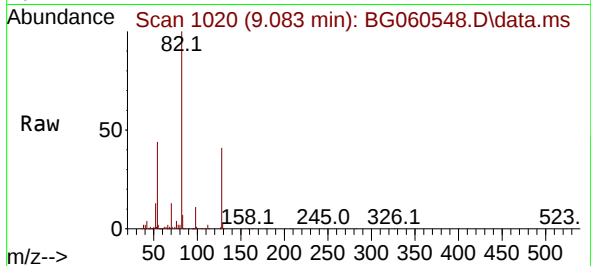
COMP-2

Tgt Ion: 82 Resp: 650658
Ion Ratio Lower Upper
82 100
128 40.8 29.6 44.4
54 43.9 33.6 50.4

Manual Integrations

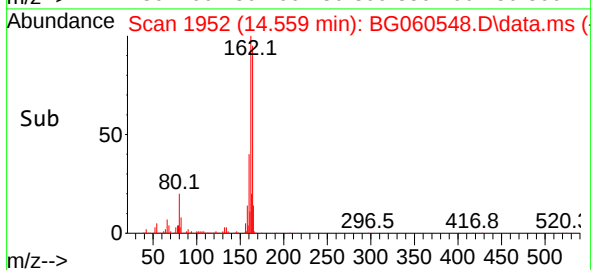
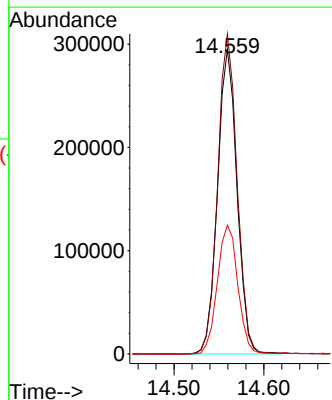
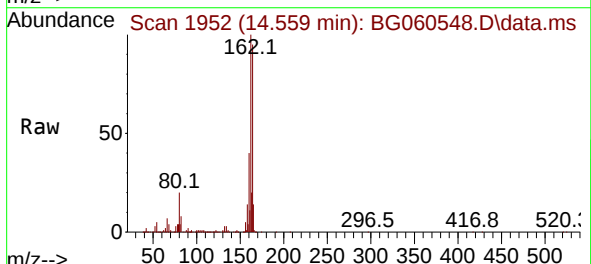
APPROVED

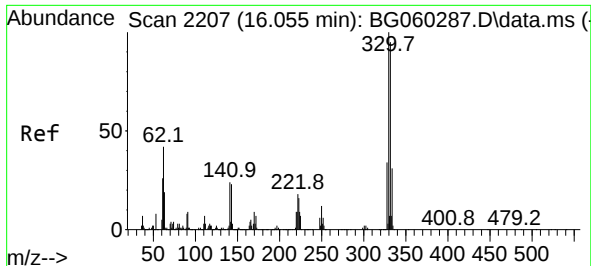
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.559 min Scan# 1952
Delta R.T. -0.009 min
Lab File: BG060548.D
Acq: 2 Feb 2024 1:04

Tgt Ion:164 Resp: 443894
Ion Ratio Lower Upper
164 100
162 105.0 84.4 126.6
160 42.3 34.6 52.0





#42
2,4,6-Tribromophenol
Concen: 88.498 ng
RT: 16.052 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060548.D
Acq: 2 Feb 2024 1:04

Instrument :

BNA_G

ClientSampleId :

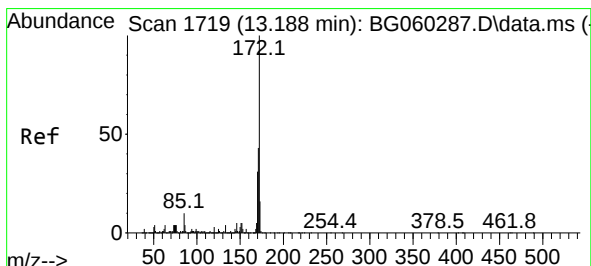
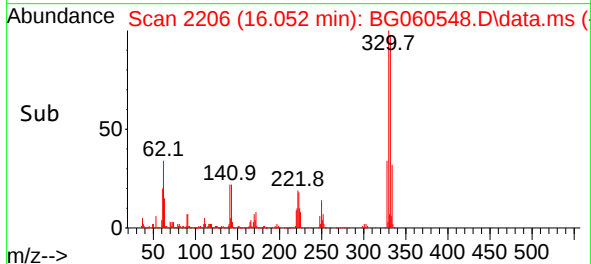
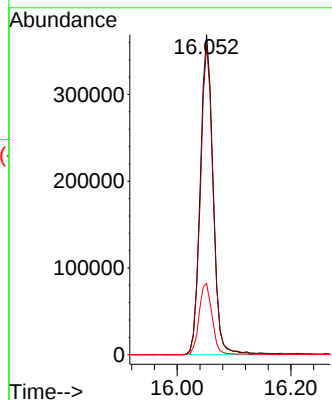
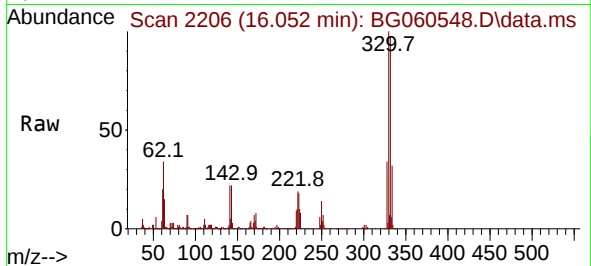
COMP-2

Tgt Ion:330 Resp: 57797
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 22.7 18.6 28.0

Manual Integrations

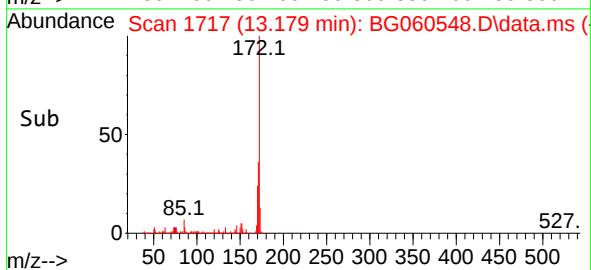
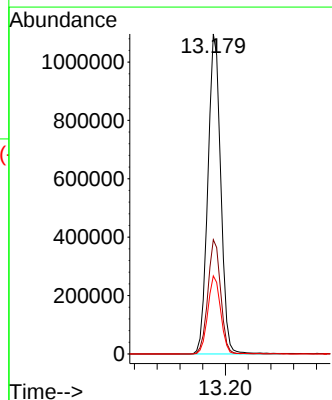
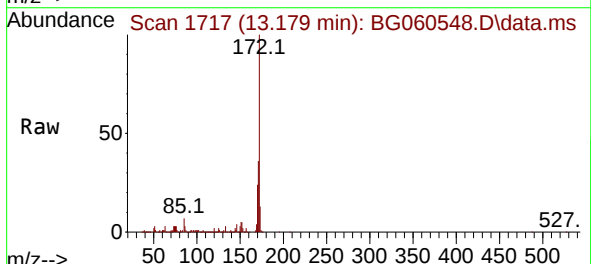
APPROVED

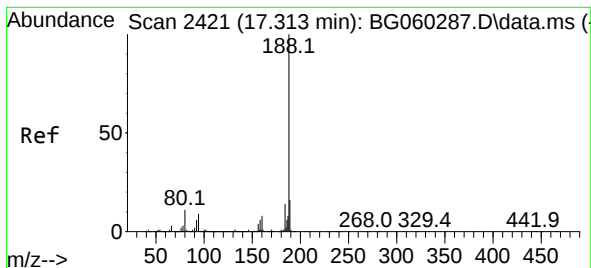
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#45
2-Fluorobiphenyl
Concen: 53.642 ng
RT: 13.179 min Scan# 1717
Delta R.T. -0.009 min
Lab File: BG060548.D
Acq: 2 Feb 2024 1:04

Tgt Ion:172 Resp: 1712670
Ion Ratio Lower Upper
172 100
171 35.7 34.6 51.8
170 24.4 24.4 36.6#





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 2421
Delta R.T. -0.004 min
Lab File: BG060548.D
Acq: 2 Feb 2024 1:04

Instrument :

BNA_G

ClientSampleId :

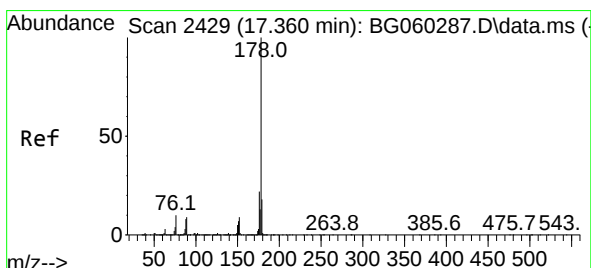
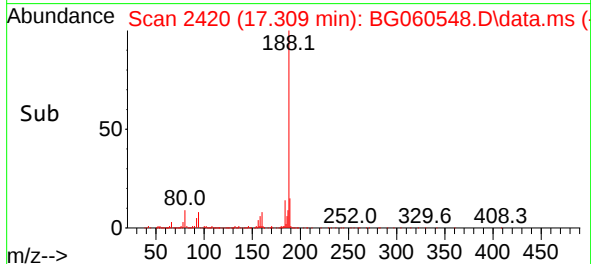
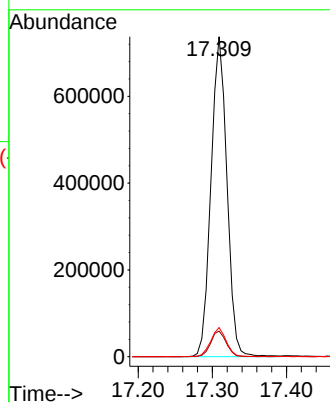
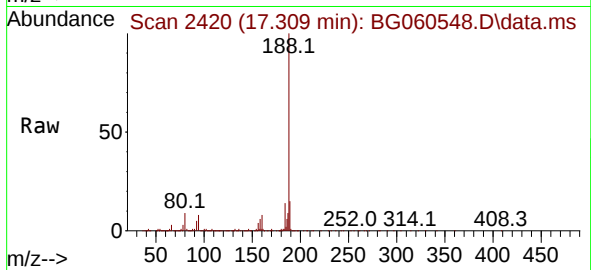
COMP-2

Tgt Ion:188 Resp: 109909
Ion Ratio Lower Upper
188 100
94 8.0 7.1 10.7
80 9.1 8.5 12.7

Manual Integrations

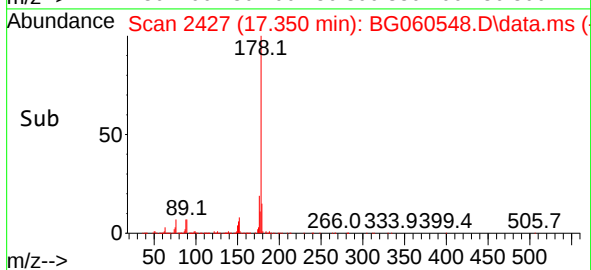
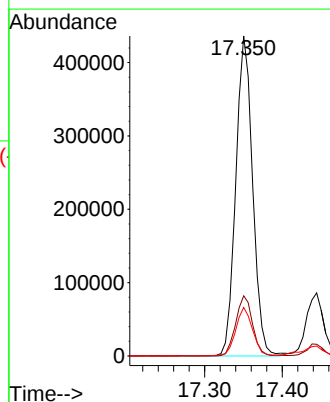
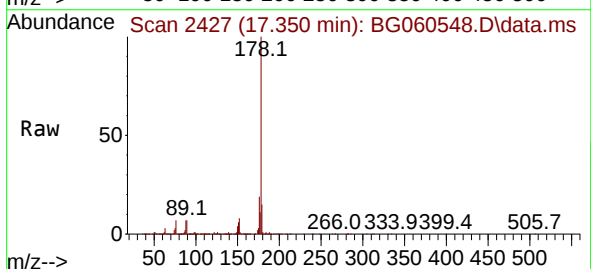
APPROVED

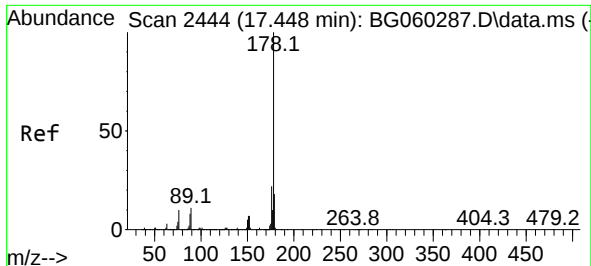
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#71
Phenanthrene
Concen: 12.372 ng
RT: 17.350 min Scan# 2427
Delta R.T. -0.009 min
Lab File: BG060548.D
Acq: 2 Feb 2024 1:04

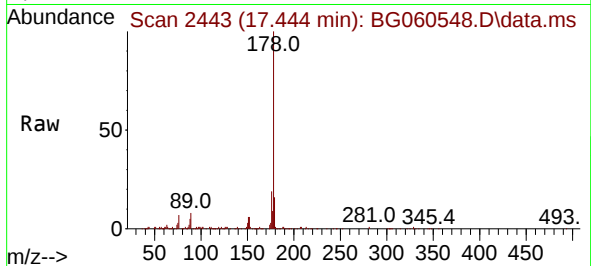
Tgt Ion:178 Resp: 657255
Ion Ratio Lower Upper
178 100
176 18.8 17.4 26.2
179 15.1 14.7 22.1





#72
 Anthracene
 Concen: 2.406 ng
 RT: 17.444 min Scan# 2443
 Delta R.T. -0.004 min
 Lab File: BG060548.D
 Acq: 2 Feb 2024 1:04

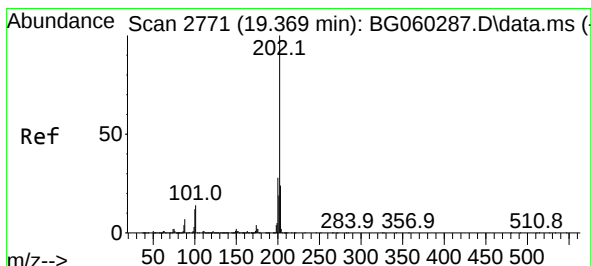
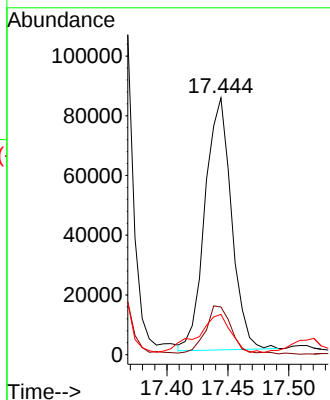
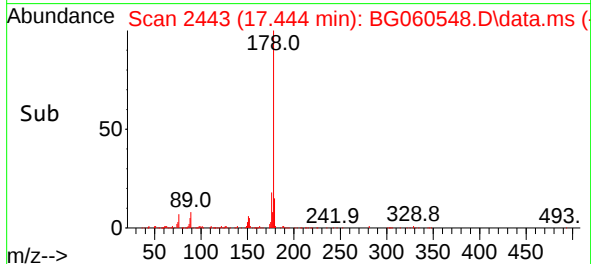
Instrument :
 BNA_G
 ClientSampleId :
 COMP-2



Tgt Ion:178 Resp: 127594
 Ion Ratio Lower Upper
 178 100
 176 18.6 17.8 26.6
 179 15.7 14.1 21.1

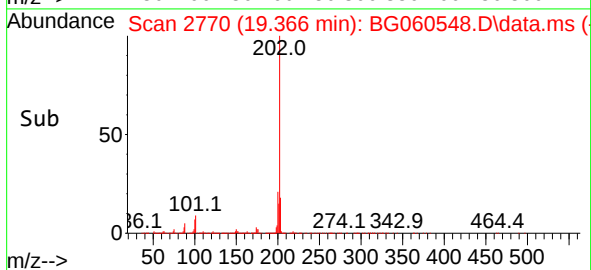
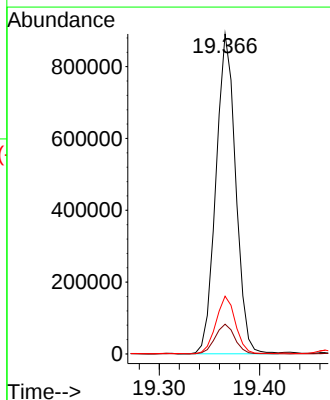
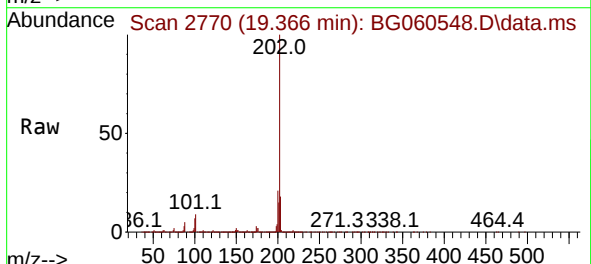
Manual Integrations
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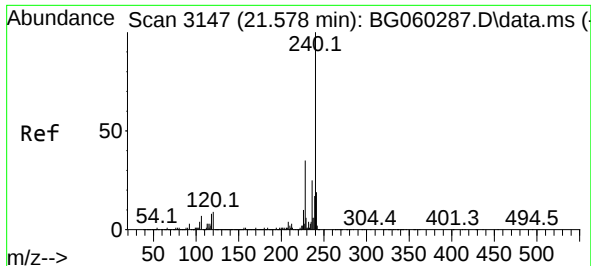
Reviewed By :Jagrut Upadhyay 02/02/2024
 Supervised By :Sohil Jodhani 02/02/2024



#75
 Fluoranthene
 Concen: 19.027 ng
 RT: 19.366 min Scan# 2770
 Delta R.T. -0.004 min
 Lab File: BG060548.D
 Acq: 2 Feb 2024 1:04

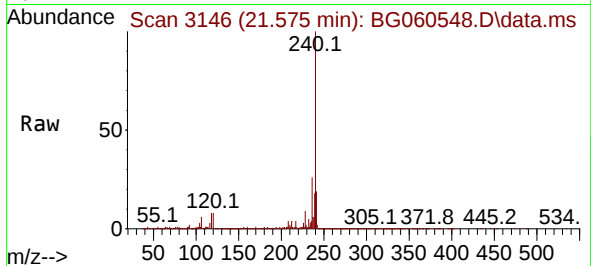
Tgt Ion:202 Resp: 1214063
 Ion Ratio Lower Upper
 202 100
 101 9.3 0.0 34.4
 203 18.0 4.0 44.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.575 min Scan# 3147
Delta R.T. -0.004 min
Lab File: BG060548.D
Acq: 2 Feb 2024 1:04

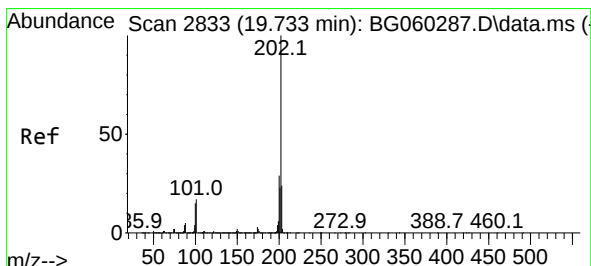
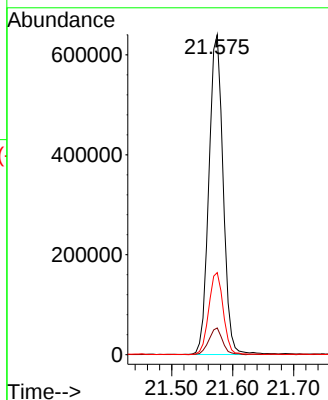
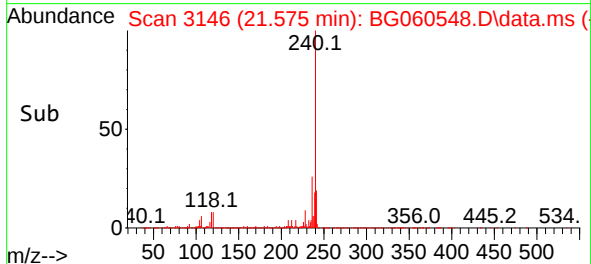
Instrument :
BNA_G
ClientSampleId :
COMP-2



Tgt Ion:240 Resp: 104070
Ion Ratio Lower Upper
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120 8.4 7.3 10.9
236 25.7 20.3 30.5

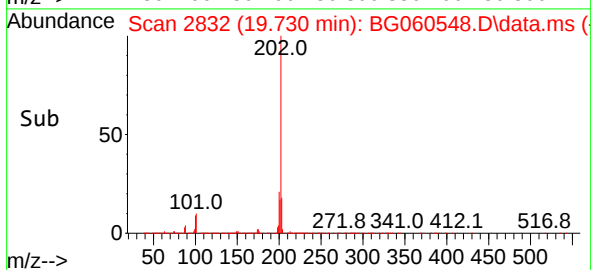
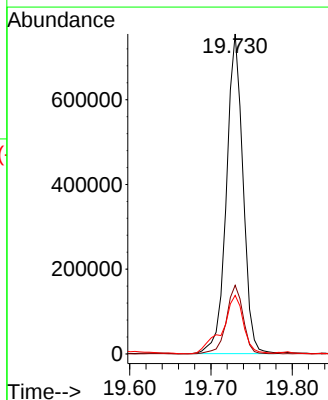
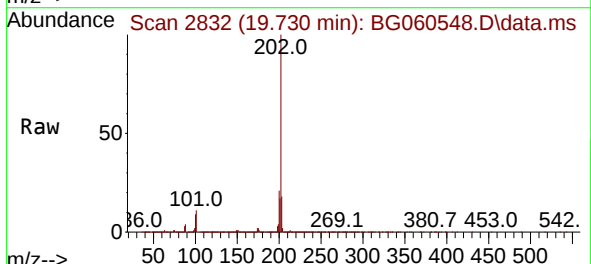
Manual Integrations
APPROVED

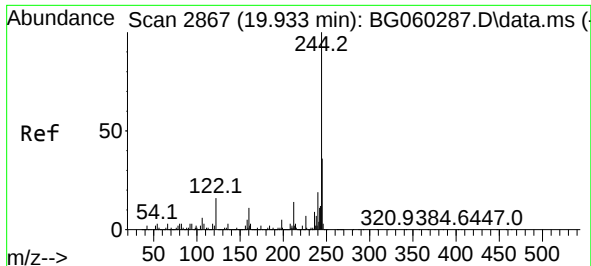
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#78
Pyrene
Concen: 16.065 ng
RT: 19.730 min Scan# 2832
Delta R.T. -0.004 min
Lab File: BG060548.D
Acq: 2 Feb 2024 1:04

Tgt Ion:202 Resp: 1067681
Ion Ratio Lower Upper
202 100
200 21.5 23.5 35.3#
203 18.3 19.6 29.4#





#79
 Terphenyl-d14
 Concen: 59.888 ng
 RT: 19.930 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG060548.D
 Acq: 2 Feb 2024 1:04

Instrument :

BNA_G

ClientSampleId :

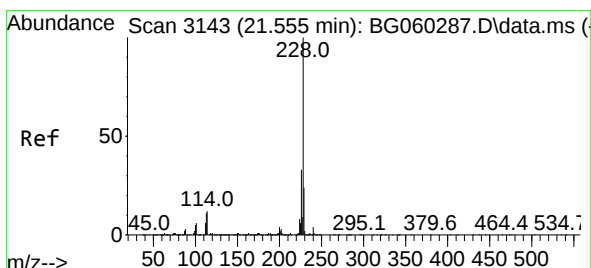
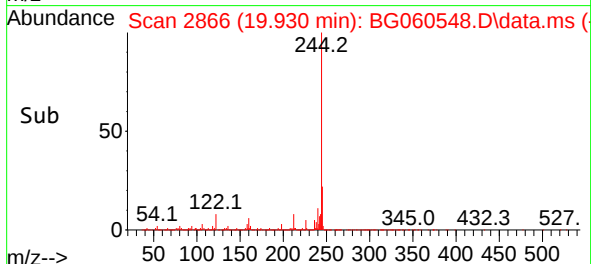
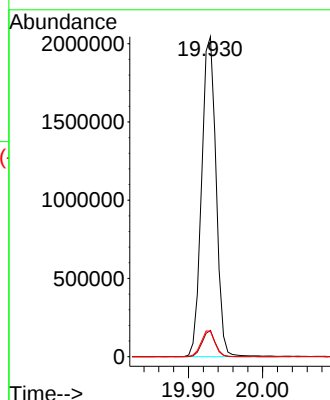
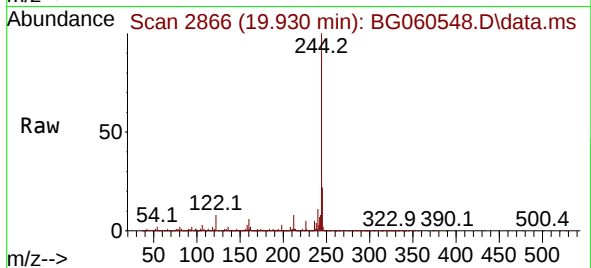
COMP-2

Tgt Ion:244 Resp: 276398
 Ion Ratio Lower Upper
 244 100
 212 8.2 10.9 16.3
 122 7.9 12.6 18.8

Manual Integrations

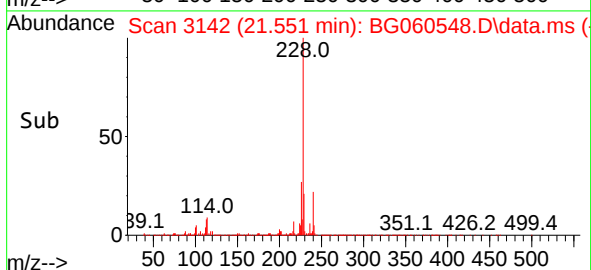
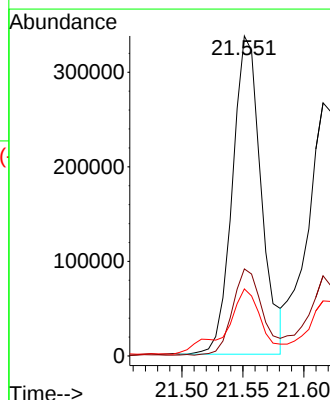
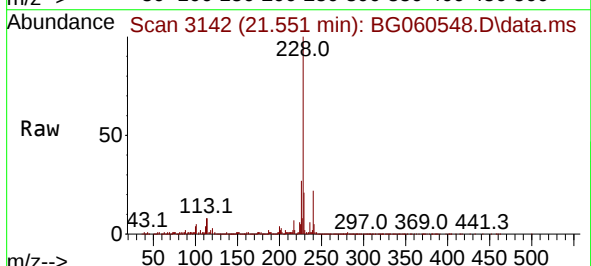
APPROVED

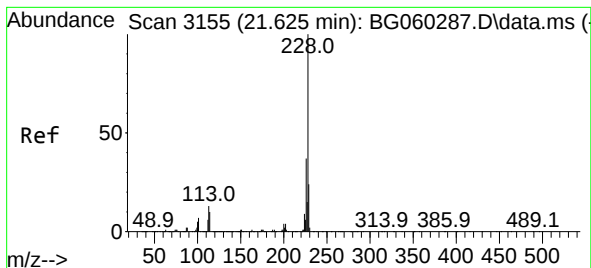
Reviewed By :Jagrut Upadhyay 02/02/2024
 Supervised By :Sohil Jodhani 02/02/2024



#81
 Benzo(a)anthracene
 Concen: 8.595 ng
 RT: 21.551 min Scan# 3142
 Delta R.T. -0.004 min
 Lab File: BG060548.D
 Acq: 2 Feb 2024 1:04

Tgt Ion:228 Resp: 553746
 Ion Ratio Lower Upper
 228 100
 226 27.2 26.2 39.2
 229 21.0 19.4 29.2





#83

Chrysene

Concen: 7.929 ng

RT: 21.616 min Scan# 3155

Delta R.T. -0.009 min

Lab File: BG060548.D

Acq: 2 Feb 2024 1:04

Instrument :

BNA_G

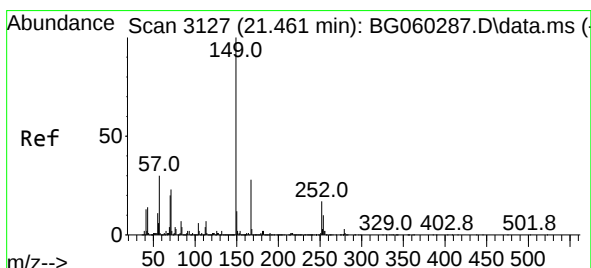
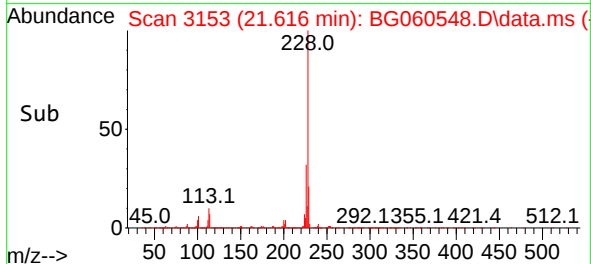
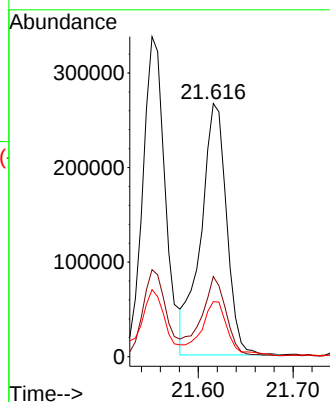
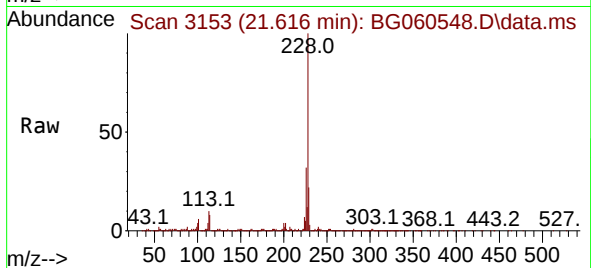
ClientSampleId :

COMP-2

Tgt Ion:228 Resp: 502398
 Ion Ratio Lower Upper
 228 100
 226 31.7 29.4 44.2
 229 21.8 19.2 28.8

Manual Integrations
 APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.735 ng

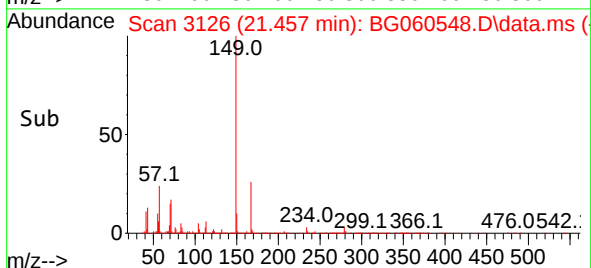
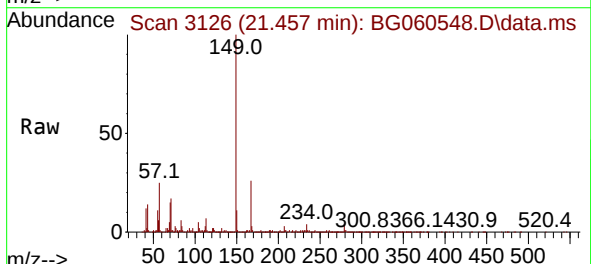
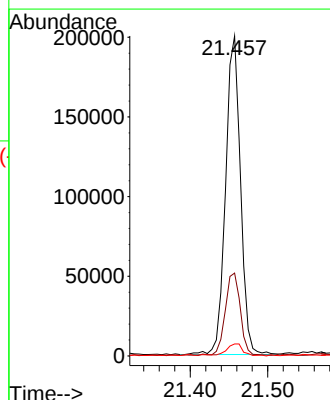
RT: 21.457 min Scan# 3126

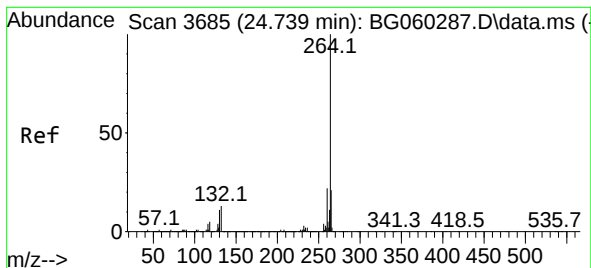
Delta R.T. -0.004 min

Lab File: BG060548.D

Acq: 2 Feb 2024 1:04

Tgt Ion:149 Resp: 267258
 Ion Ratio Lower Upper
 149 100
 167 25.9 22.2 33.2
 279 3.7 2.7 4.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.736 min Scan# 30

Delta R.T. -0.004 min

Lab File: BG060548.D

Acq: 2 Feb 2024 1:04

Instrument :

BNA_G

ClientSampleId :

COMP-2

Tgt Ion:264 Resp: 1195874

Ion Ratio Lower Upper

264 100

260 23.9 17.8 26.6

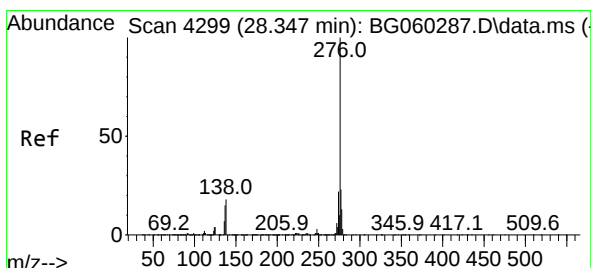
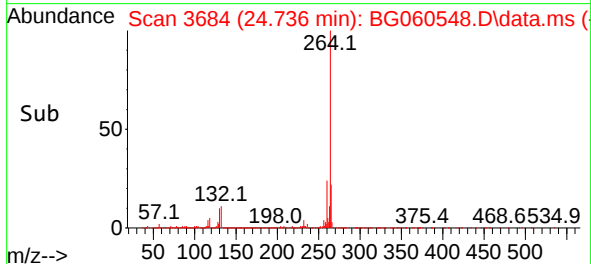
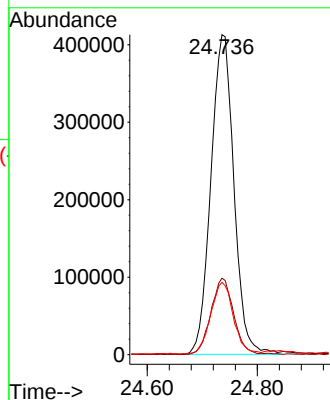
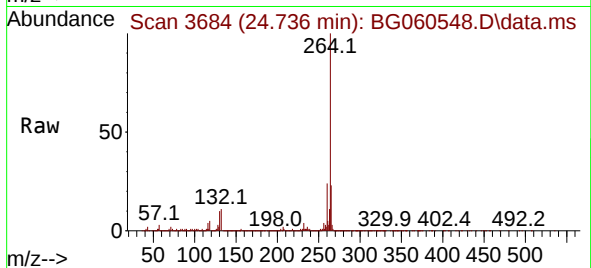
265 22.6 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/02/2024

Supervised By :Sohil Jodhani 02/02/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.332 ng

RT: 28.337 min Scan# 4297

Delta R.T. -0.009 min

Lab File: BG060548.D

Acq: 2 Feb 2024 1:04

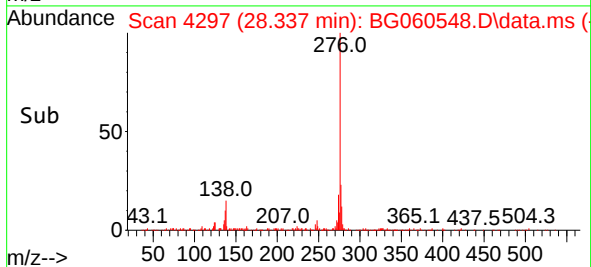
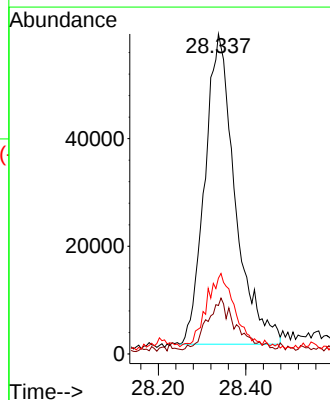
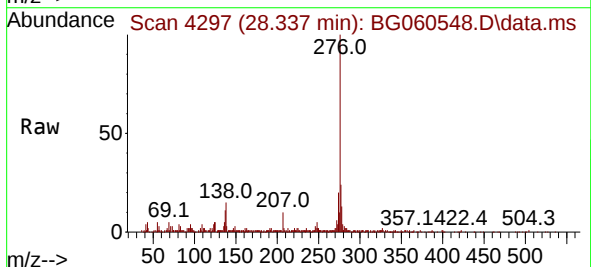
Tgt Ion:276 Resp: 277053

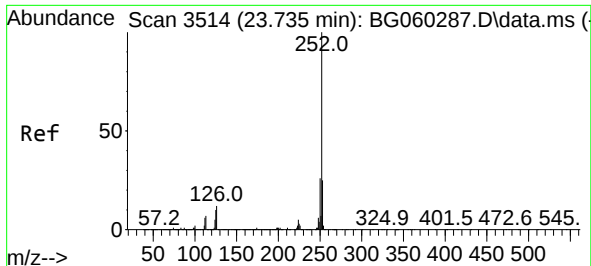
Ion Ratio Lower Upper

276 100

138 16.4 12.5 18.7

277 21.7 20.5 30.7





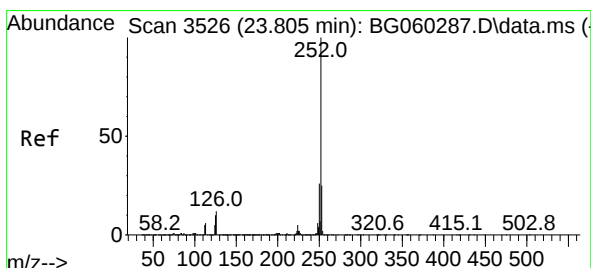
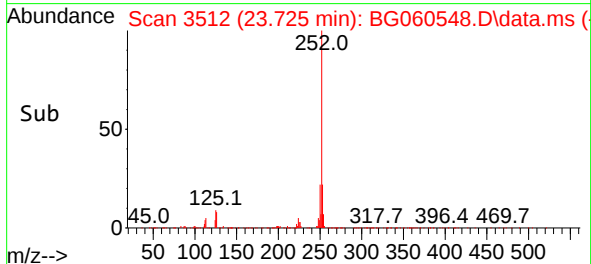
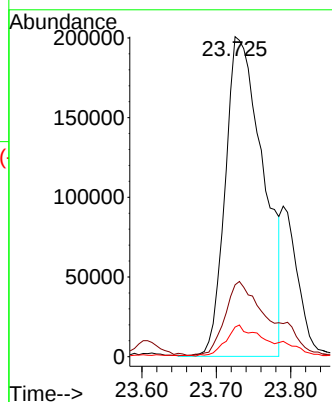
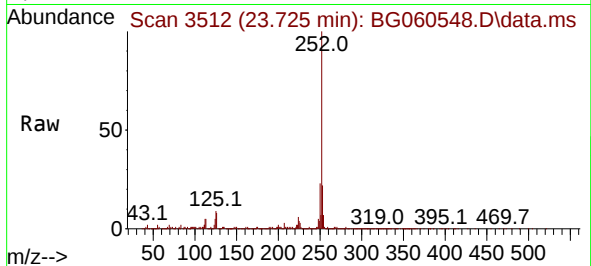
#88
Benzo(b)fluoranthene
Concen: 10.075 ng m
RT: 23.725 min Scan# 3117
Delta R.T. -0.009 min
Lab File: BG060548.D
Acq: 2 Feb 2024 1:04

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:252 Resp: 711774
Ion Ratio Lower Upper
252 100
253 22.5 20.0 30.0
125 9.2 8.1 12.1

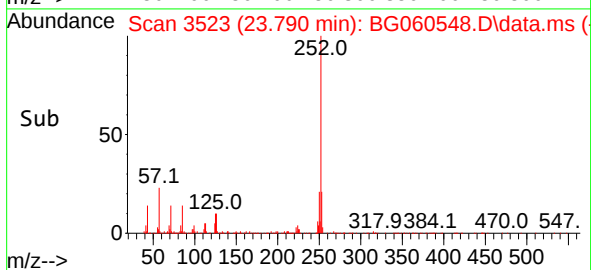
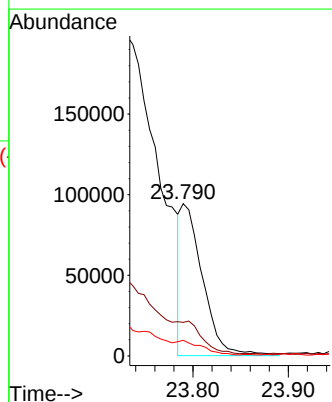
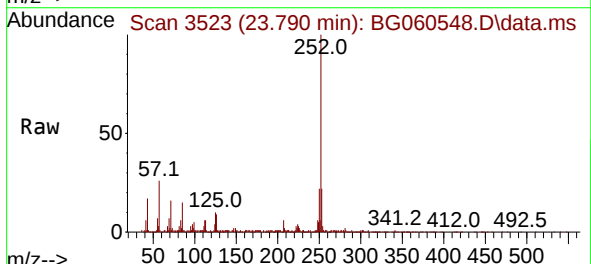
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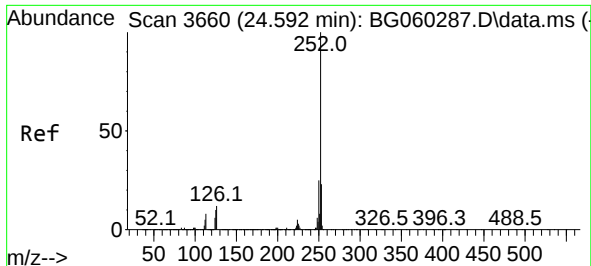
Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024



#89
Benzo(k)fluoranthene
Concen: 2.130 ng m
RT: 23.790 min Scan# 3523
Delta R.T. -0.015 min
Lab File: BG060548.D
Acq: 2 Feb 2024 1:04

Tgt Ion:252 Resp: 148501
Ion Ratio Lower Upper
252 100
253 22.0 19.6 29.4
125 10.2 8.2 12.2





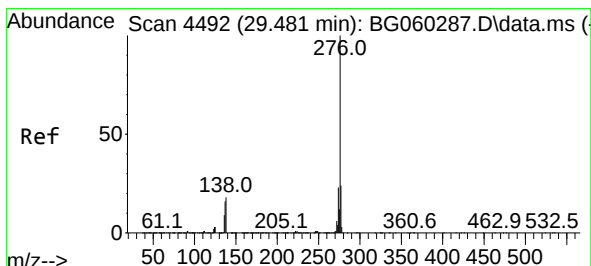
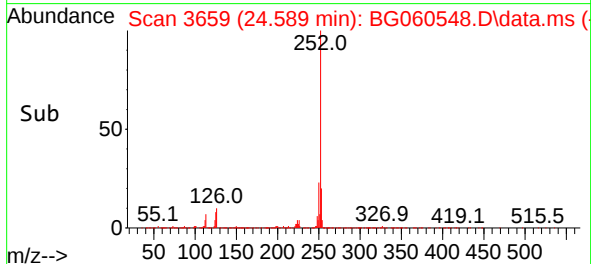
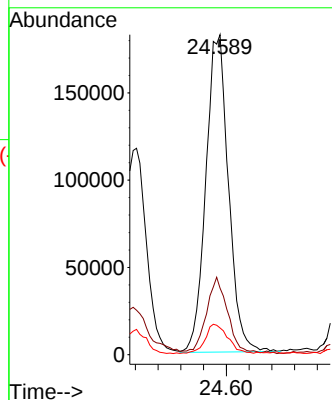
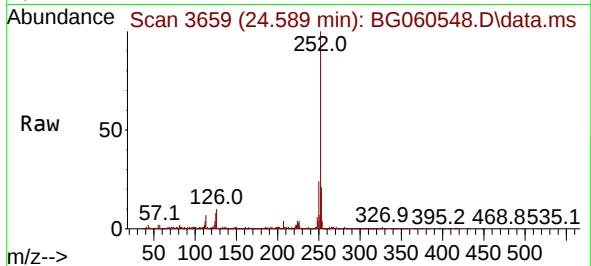
#90
Benzo(a)pyrene
Concen: 7.869 ng
RT: 24.589 min Scan# 3659
Delta R.T. -0.004 min
Lab File: BG060548.D
Acq: 2 Feb 2024 1:04

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:252 Resp: 50221
Ion Ratio Lower Upper
252 100
253 20.8 18.1 27.1
125 8.4 8.1 12.1

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 4.076 ng
RT: 29.460 min Scan# 4488
Delta R.T. -0.021 min
Lab File: BG060548.D
Acq: 2 Feb 2024 1:04

Tgt Ion:276 Resp: 283675
Ion Ratio Lower Upper
276 100
277 24.7 19.4 29.0
138 17.1 14.2 21.4

