

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
 Data File : BG060767.D
 Acq On : 3 Apr 2024 18:12
 Operator : MA/JU
 Sample : P1958-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-207

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/04/2024
 Supervised By :mohammad ahmed 04/05/2024

Quant Time: Apr 03 19:00:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	67924	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	270297	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	191104	20.000	ng	0.00
64) Phenanthrene-d10	17.335	188	456399	20.000	ng	0.00
76) Chrysene-d12	21.595	240	428864	20.000	ng	0.00
86) Perylene-d12	24.739	264	514440	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.543	112	476084	116.763	ng	0.00
7) Phenol-d6	7.118	99	520260	85.960	ng	0.00
23) Nitrobenzene-d5	9.110	82	337033	71.150	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	256822	118.387	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	769404	59.088	ng	0.00
79) Terphenyl-d14	19.956	244	1340346	55.032	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.371	178	55217	2.326	ng	99
75) Fluoranthene	19.386	202	141279	4.905	ng	99
78) Pyrene	19.744	202	133623	4.455	ng	99
81) Benzo(a)anthracene	21.578	228	64681	2.140	ng	96
83) Chrysene	21.642	228	89459m	3.070	ng	
88) Benzo(b)fluoranthene	23.746	252	102753	3.477	ng	# 93
90) Benzo(a)pyrene	24.592	252	59299	2.065	ng	# 91

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

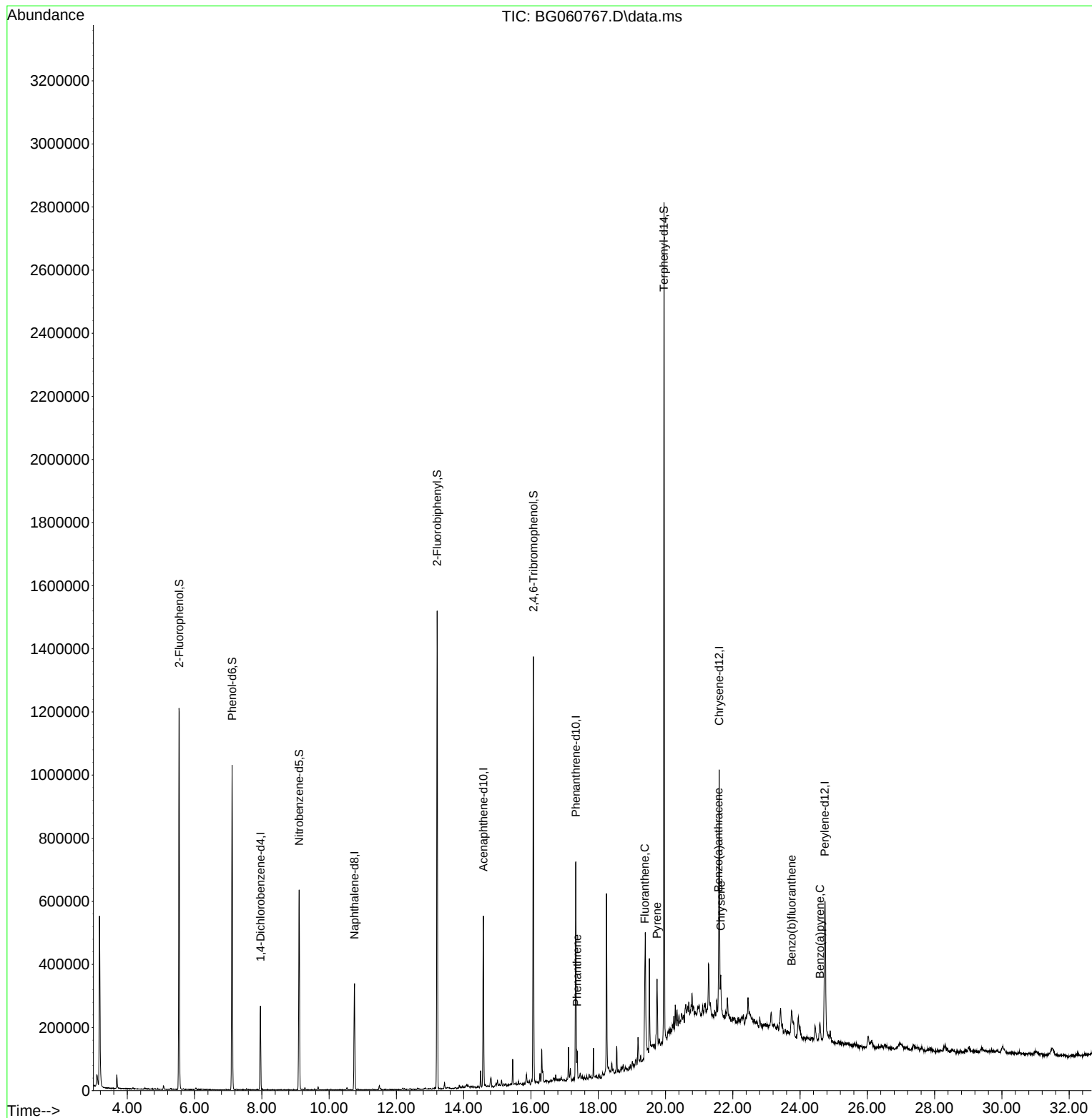
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
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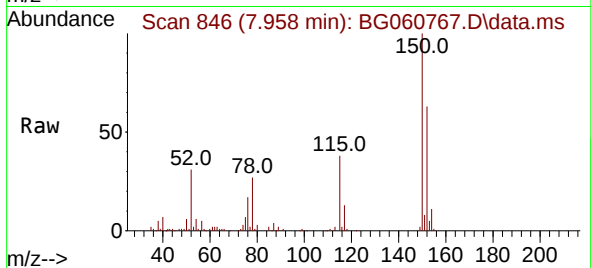
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/05/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 846
Delta R.T. -0.003 min
Lab File: BG060767.D
Acq: 3 Apr 2024 18:12

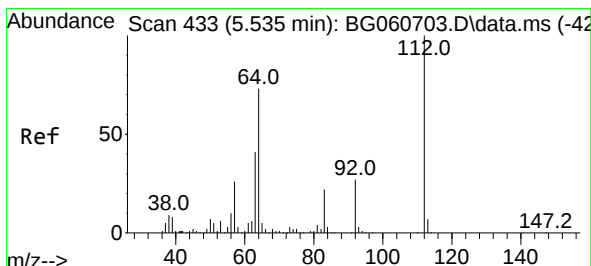
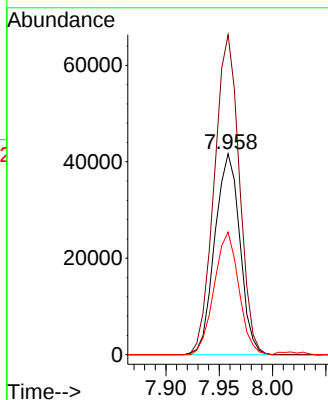
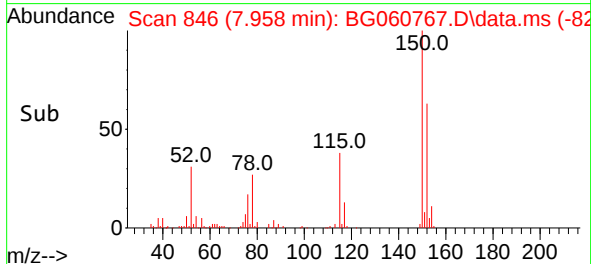
Instrument :
BNA_G
ClientSampleId :
VNJ-207



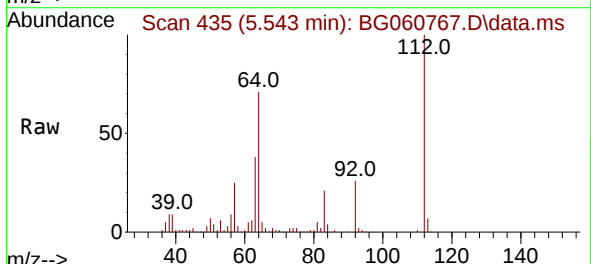
Tgt Ion:152 Resp: 67924
Ion Ratio Lower Upper
152 100
150 159.2 130.2 195.4
115 61.0 51.6 77.4

Manual Integrations
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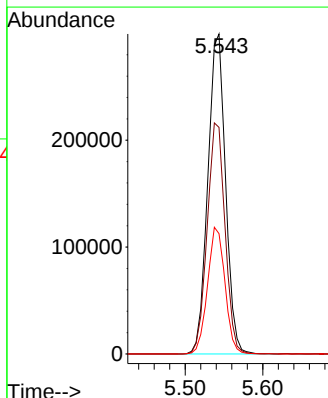
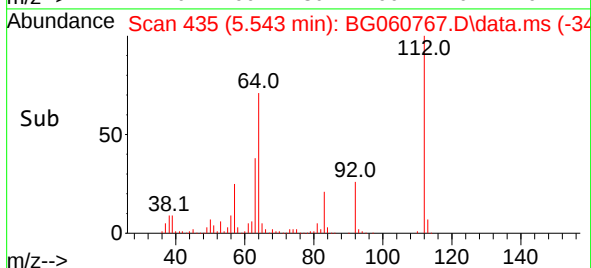
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/05/2024

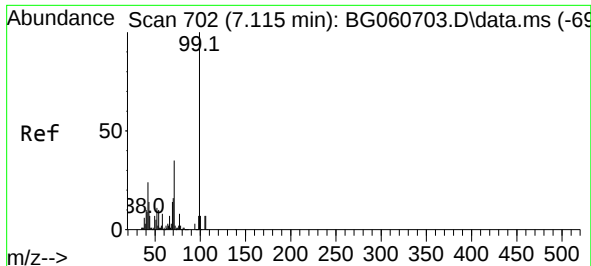


#5
2-Fluorophenol
Concen: 116.763 ng
RT: 5.543 min Scan# 435
Delta R.T. 0.009 min
Lab File: BG060767.D
Acq: 3 Apr 2024 18:12



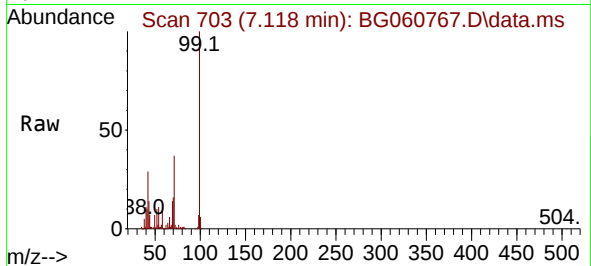
Tgt Ion:112 Resp: 476084
Ion Ratio Lower Upper
112 100
64 70.8 58.4 87.6
63 37.6 32.7 49.1





#7
Phenol-d6
Concen: 85.960 ng
RT: 7.118 min Scan# 702
Delta R.T. 0.003 min
Lab File: BG060767.D
Acq: 3 Apr 2024 18:12

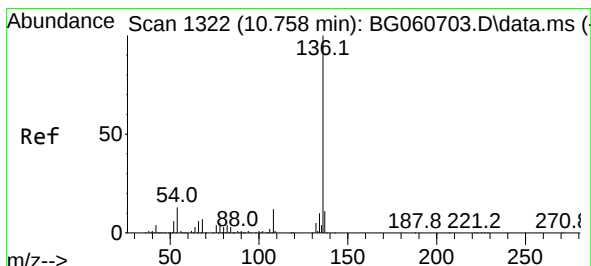
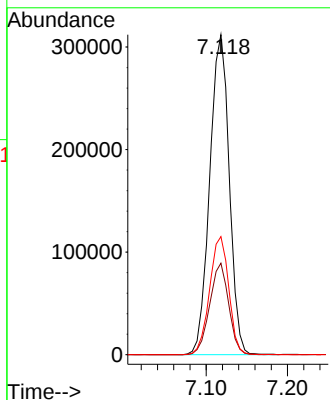
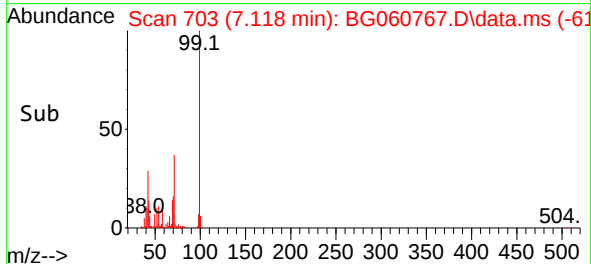
Instrument :
BNA_G
ClientSampleId :
VNJ-207



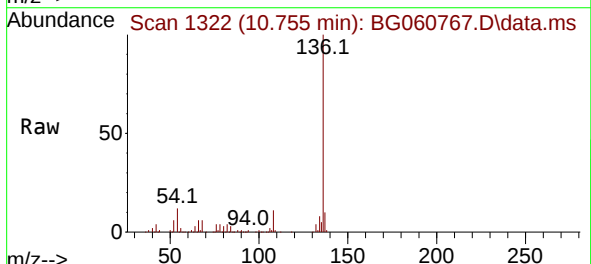
Tgt Ion: 99 Resp: 520260
Ion Ratio Lower Upper
99 100
42 28.6 19.4 29.2
71 36.9 28.2 42.2

Manual Integrations
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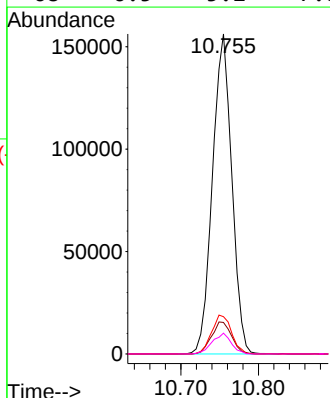
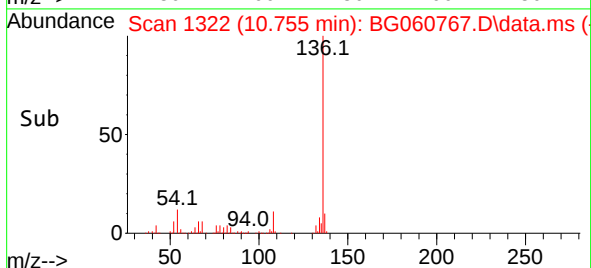
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/05/2024

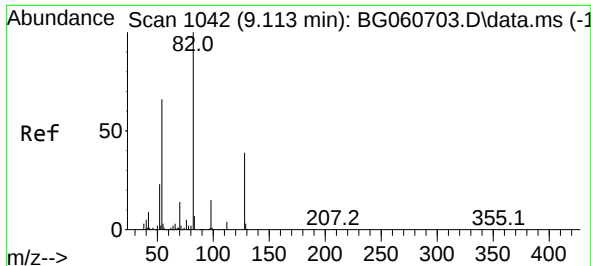


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 1322
Delta R.T. -0.003 min
Lab File: BG060767.D
Acq: 3 Apr 2024 18:12



Tgt Ion:136 Resp: 270297
Ion Ratio Lower Upper
136 100
137 9.8 8.8 13.2
54 11.6 10.2 15.2
68 6.5 5.2 7.8





#23
Nitrobenzene-d5
Concen: 71.150 ng
RT: 9.110 min Scan# 1042
Delta R.T. -0.003 min
Lab File: BG060767.D
Acq: 3 Apr 2024 18:12

Instrument :

BNA_G

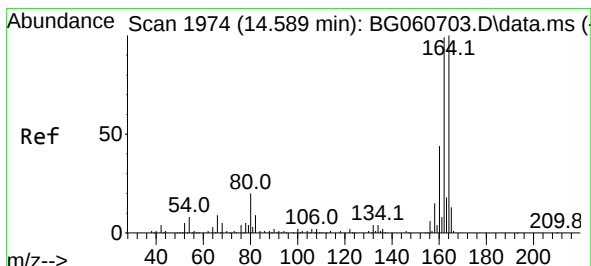
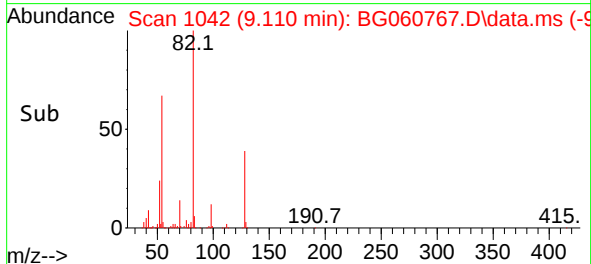
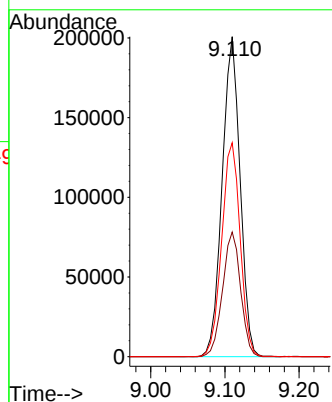
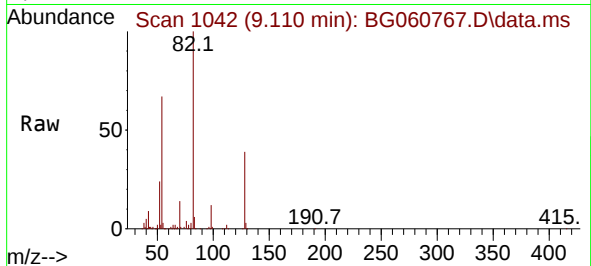
ClientSampleId :

VNJ-207

Tgt Ion: 82 Resp: 33703
Ion Ratio Lower Upper
82 100
128 39.0 31.2 46.8
54 66.8 53.2 79.8

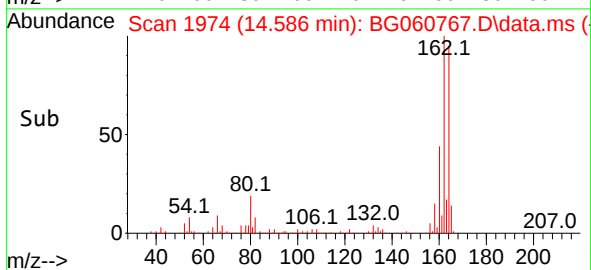
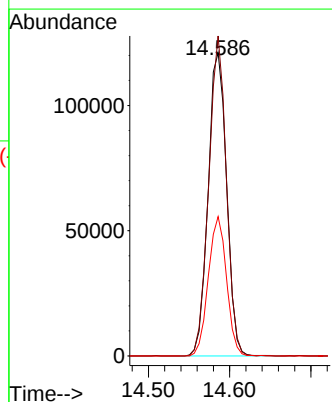
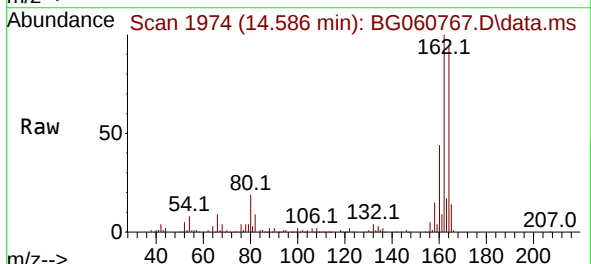
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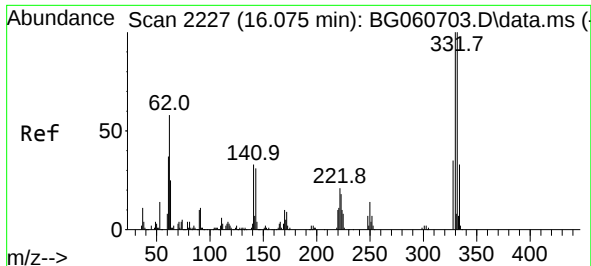
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/05/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.586 min Scan# 1974
Delta R.T. -0.003 min
Lab File: BG060767.D
Acq: 3 Apr 2024 18:12

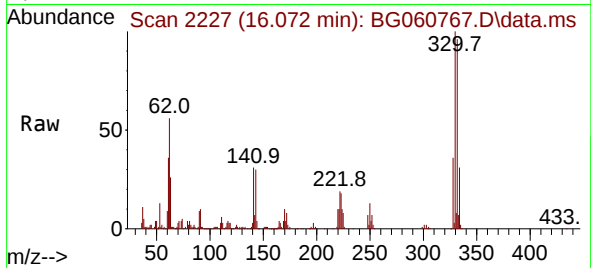
Tgt Ion:164 Resp: 191104
Ion Ratio Lower Upper
164 100
162 105.5 79.5 119.3
160 46.0 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 118.387 ng
RT: 16.072 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060767.D
Acq: 3 Apr 2024 18:12

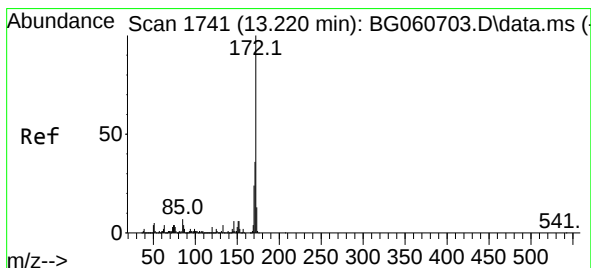
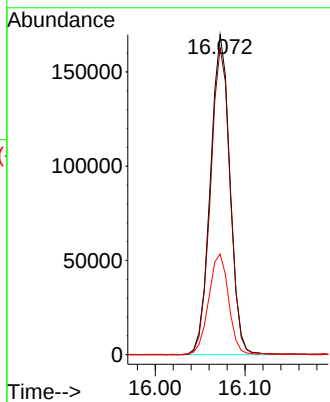
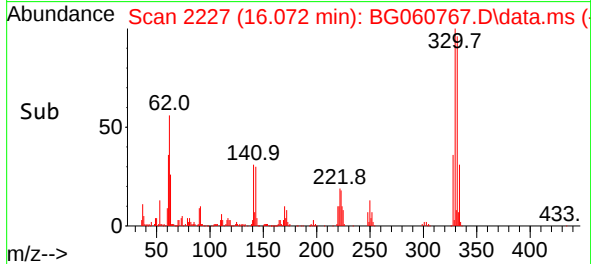
Instrument :
BNA_G
ClientSampleId :
VNJ-207



Tgt Ion:330 Resp: 25682
Ion Ratio Lower Upper
330 100
332 96.1 78.2 117.4
141 32.3 27.0 40.6

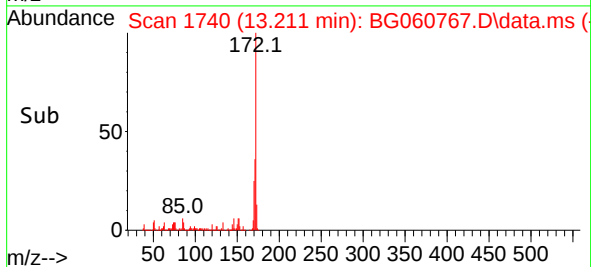
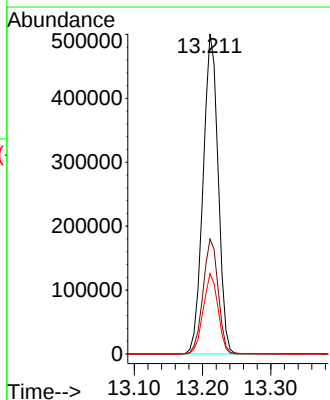
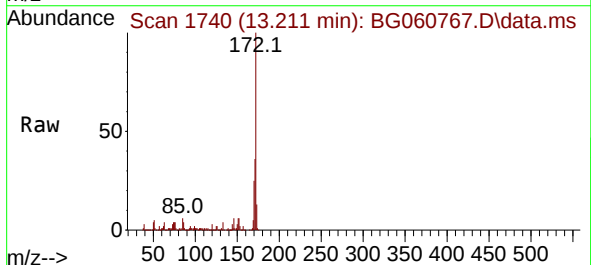
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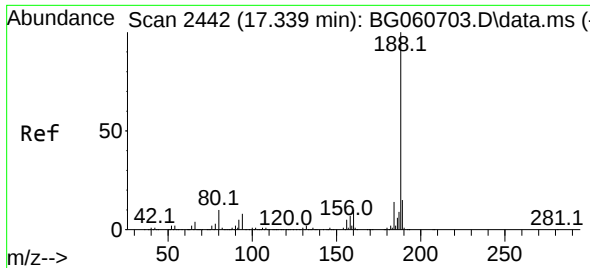
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/05/2024



#45
2-Fluorobiphenyl
Concen: 59.088 ng
RT: 13.211 min Scan# 1740
Delta R.T. -0.009 min
Lab File: BG060767.D
Acq: 3 Apr 2024 18:12

Tgt Ion:172 Resp: 769404
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 25.1 19.4 29.0





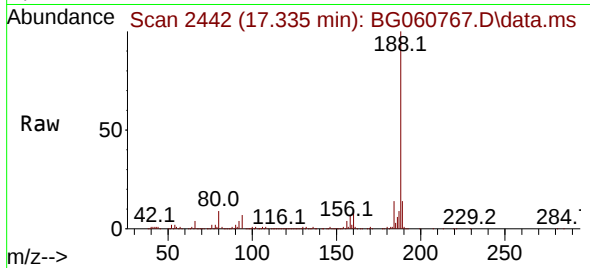
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.335 min Scan# 2442
Delta R.T. -0.003 min
Lab File: BG060767.D
Acq: 3 Apr 2024 18:12

Instrument :

BNA_G

ClientSampleId :

VNJ-207

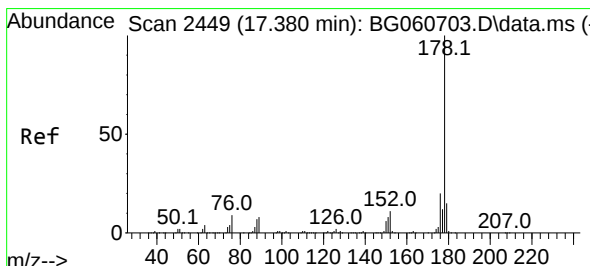
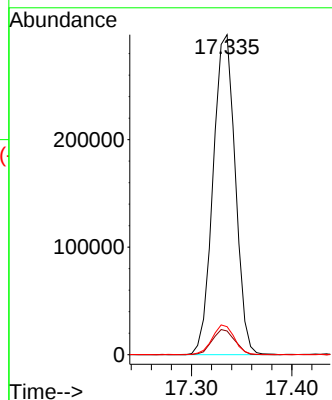
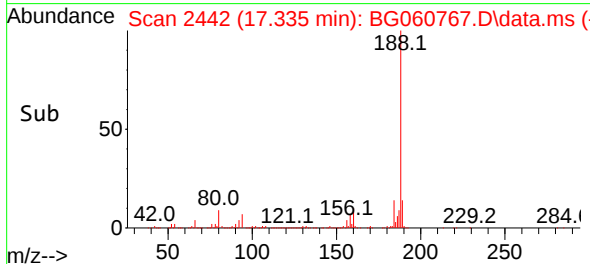


Tgt Ion:188 Resp: 456399
Ion Ratio Lower Upper
188 100
94 7.4 6.6 9.8
80 8.8 7.6 11.4

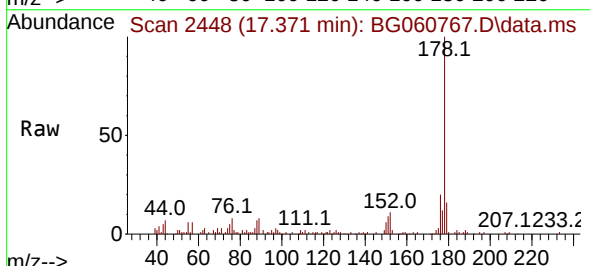
Manual Integrations

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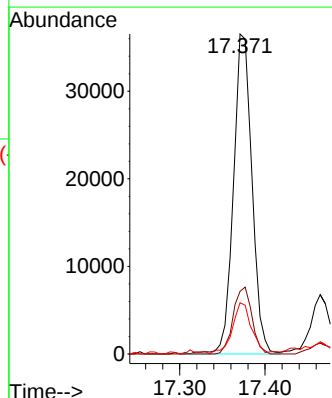
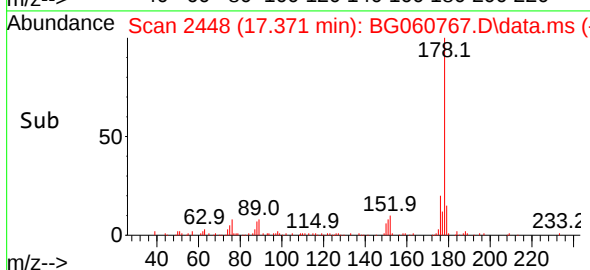
Reviewed By :Jagrut Upadhyay 04/04/2024
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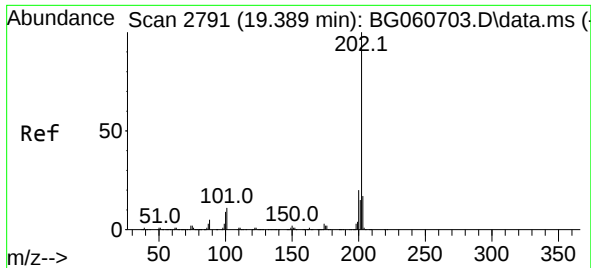


#71
Phenanthrene
Concen: 2.326 ng
RT: 17.371 min Scan# 2448
Delta R.T. -0.009 min
Lab File: BG060767.D
Acq: 3 Apr 2024 18:12



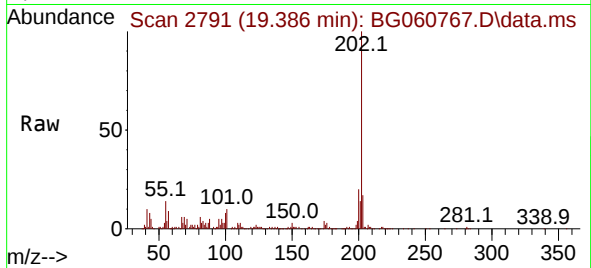
Tgt Ion:178 Resp: 55217
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 16.0 12.2 18.4





#75
Fluoranthene
Concen: 4.905 ng
RT: 19.386 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060767.D
Acq: 3 Apr 2024 18:12

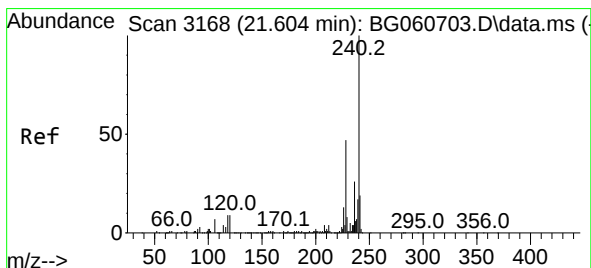
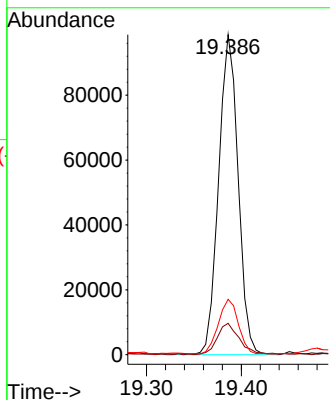
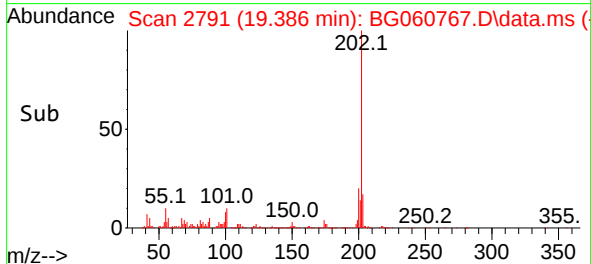
Instrument :
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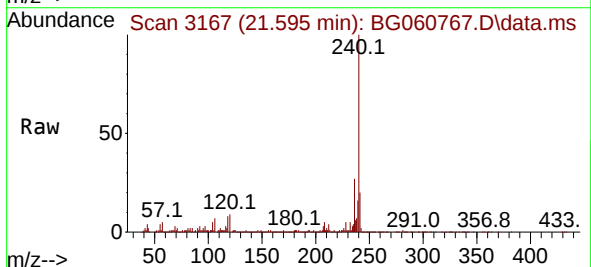
Tgt Ion:202 Resp: 141279
Ion Ratio Lower Upper
202 100
101 9.8 0.0 30.8
203 17.3 0.0 37.4

Manual Integrations
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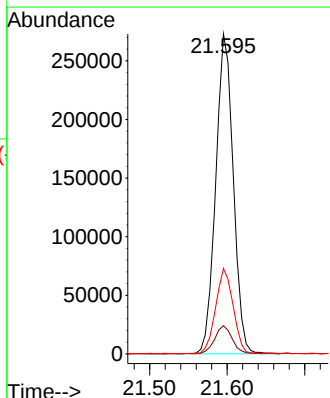
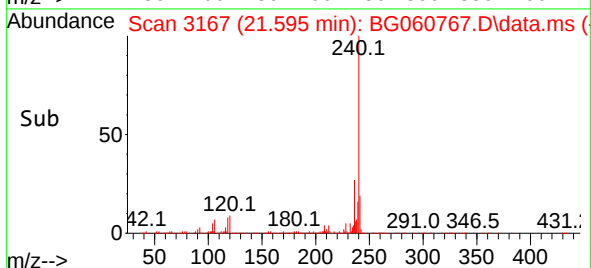
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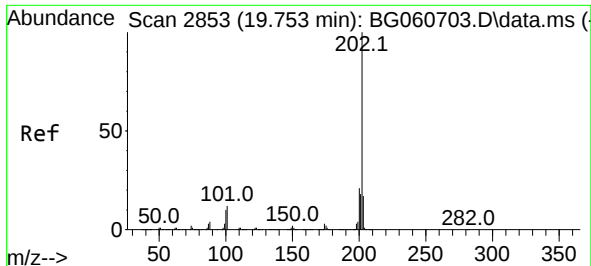


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.595 min Scan# 3167
Delta R.T. -0.009 min
Lab File: BG060767.D
Acq: 3 Apr 2024 18:12



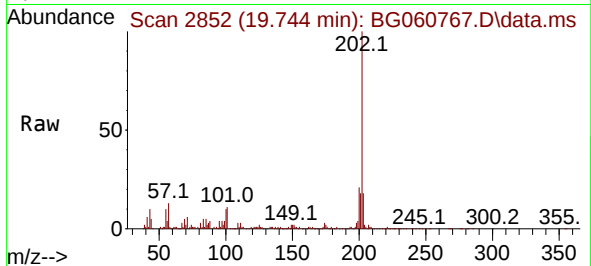
Tgt Ion:240 Resp: 428864
Ion Ratio Lower Upper
240 100
120 8.9 7.1 10.7
236 26.8 20.7 31.1





#78
Pyrene
Concen: 4.455 ng
RT: 19.744 min Scan# 2852
Delta R.T. -0.009 min
Lab File: BG060767.D
Acq: 3 Apr 2024 18:12

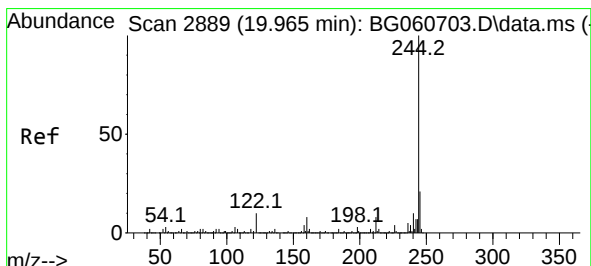
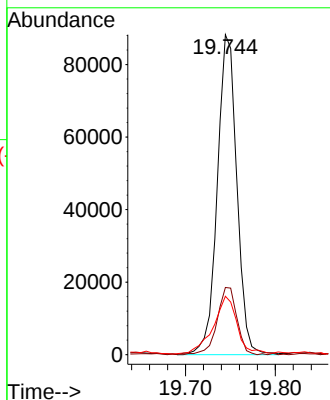
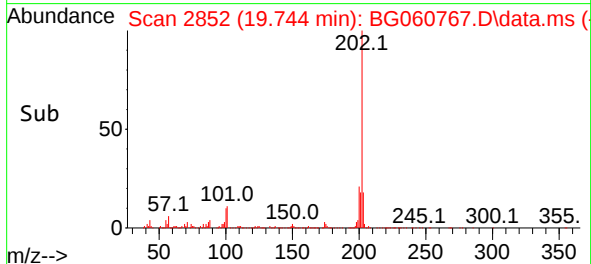
Instrument :
BNA_G
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VNJ-207



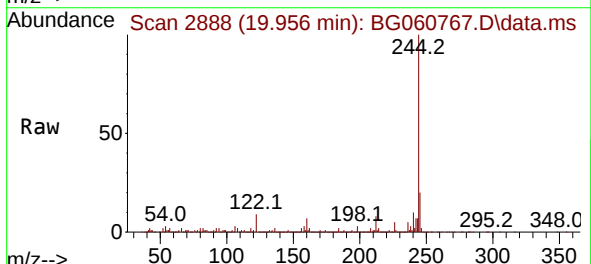
Tgt Ion:202 Resp: 13362
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 18.2 14.0 21.0

Manual Integrations
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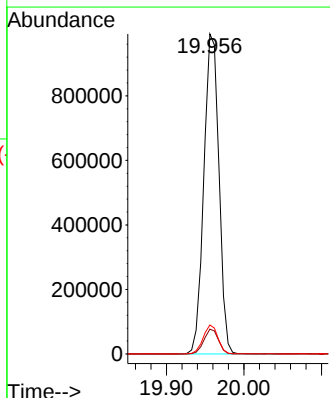
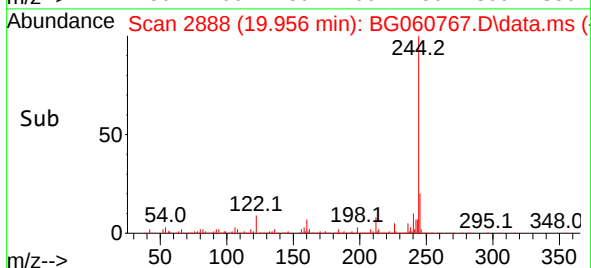
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/05/2024

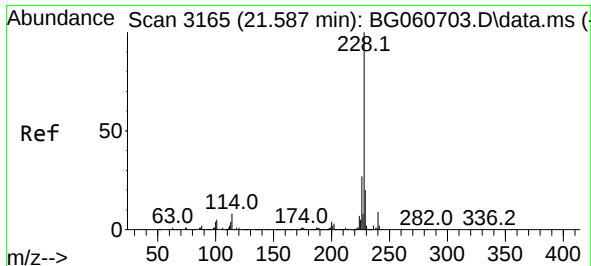


#79
Terphenyl-d14
Concen: 55.032 ng
RT: 19.956 min Scan# 2888
Delta R.T. -0.009 min
Lab File: BG060767.D
Acq: 3 Apr 2024 18:12



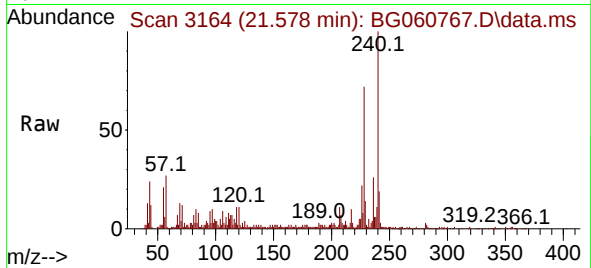
Tgt Ion:244 Resp: 1340346
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 9.1 7.8 11.8





#81
Benzo(a)anthracene
Concen: 2.140 ng
RT: 21.578 min Scan# 3165
Delta R.T. -0.009 min
Lab File: BG060767.D
Acq: 3 Apr 2024 18:12

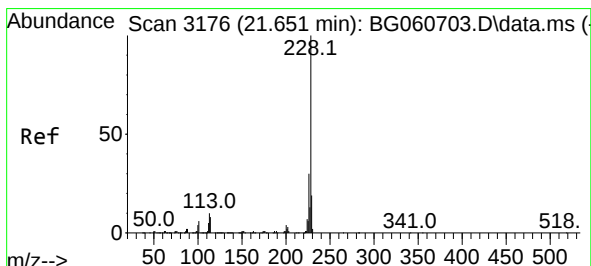
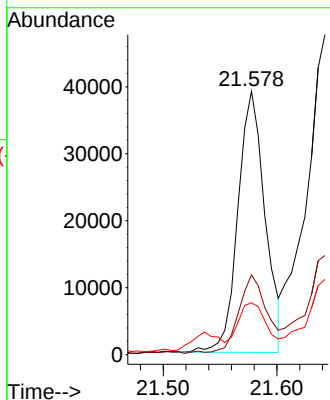
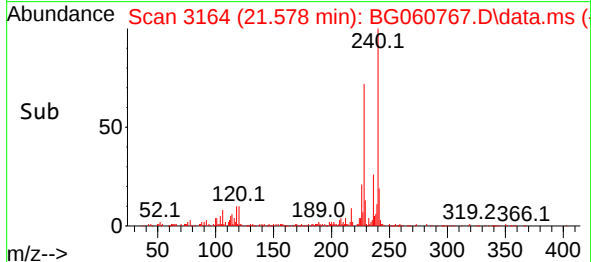
Instrument :
BNA_G
ClientSampleId :
VNJ-207



Tgt Ion:228 Resp: 6468
Ion Ratio Lower Upper
228 100
226 30.3 21.7 32.5
229 19.7 15.8 23.8

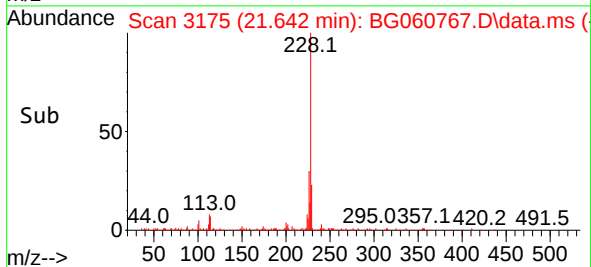
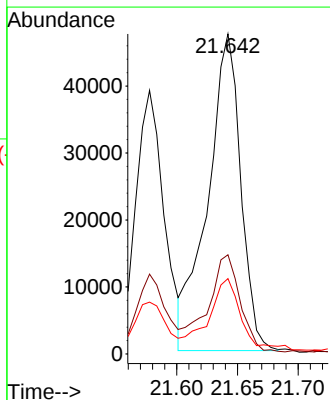
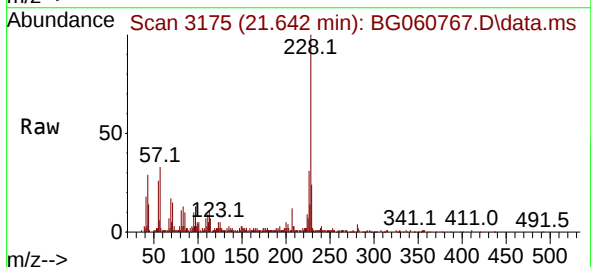
Manual Integrations
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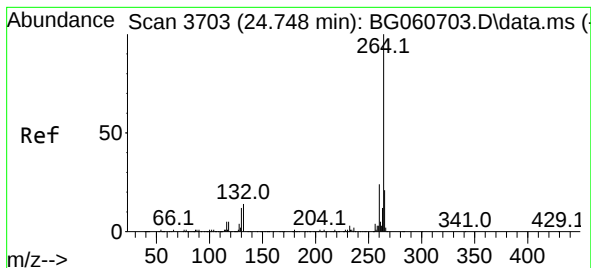
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/05/2024



#83
Chrysene
Concen: 3.070 ng m
RT: 21.642 min Scan# 3175
Delta R.T. -0.009 min
Lab File: BG060767.D
Acq: 3 Apr 2024 18:12

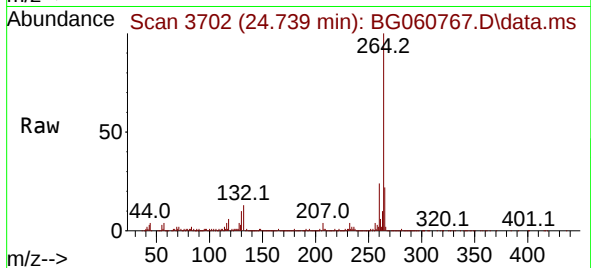
Tgt Ion:228 Resp: 89459
Ion Ratio Lower Upper
228 100
226 31.0 24.2 36.4
229 23.6 15.5 23.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.739 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG060767.D
Acq: 3 Apr 2024 18:12

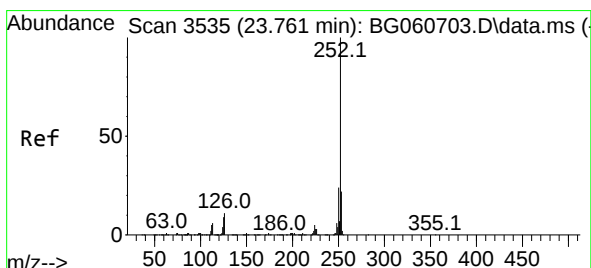
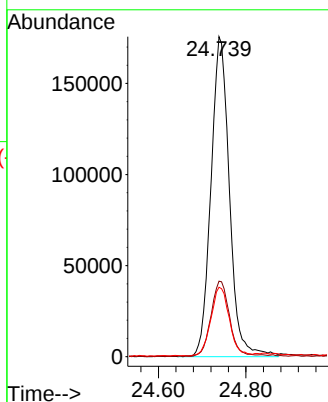
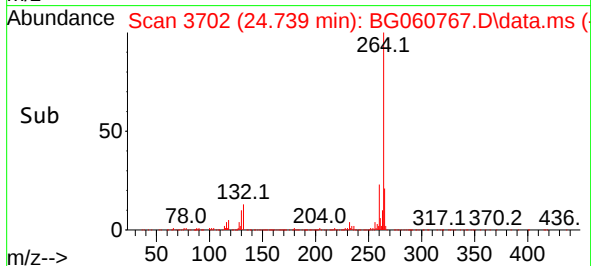
Instrument :
BNA_G
ClientSampleId :
VNJ-207



Tgt Ion:264 Resp: 514440
Ion Ratio Lower Upper
264 100
260 23.6 19.5 29.3
265 21.7 16.9 25.3

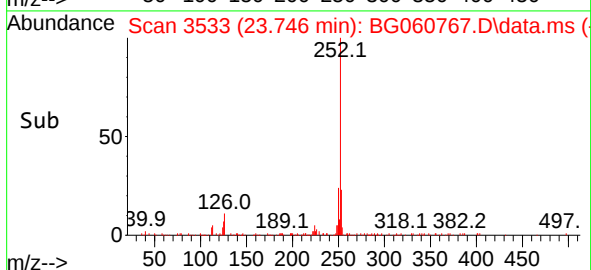
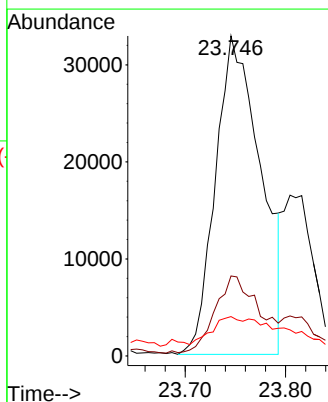
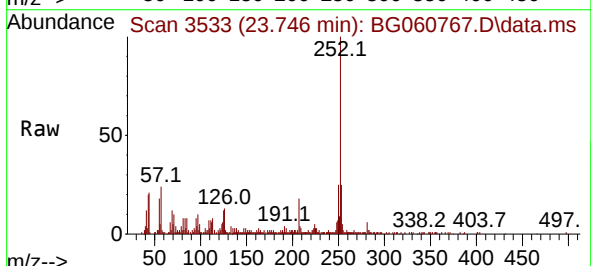
Manual Integrations
APPROVED

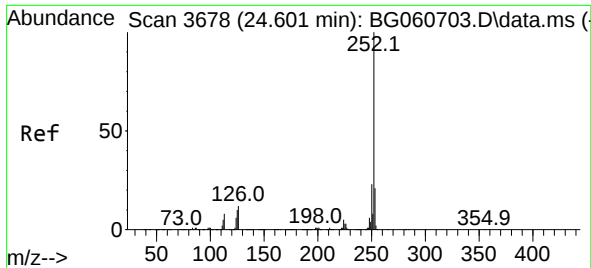
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/05/2024



#88
Benzo(b)fluoranthene
Concen: 3.477 ng
RT: 23.746 min Scan# 3533
Delta R.T. -0.015 min
Lab File: BG060767.D
Acq: 3 Apr 2024 18:12

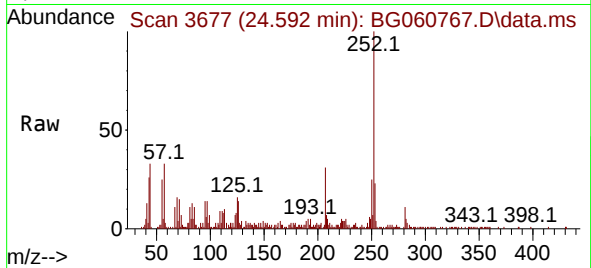
Tgt Ion:252 Resp: 102753
Ion Ratio Lower Upper
252 100
253 25.0 17.8 26.8
125 12.3 7.1 10.7#





#90
Benzo(a)pyrene
Concen: 2.065 ng
RT: 24.592 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG060767.D
Acq: 3 Apr 2024 18:12

Instrument :
BNA_G
ClientSampleId :
VNJ-207



Tgt Ion:252 Resp: 59299
Ion Ratio Lower Upper
252 100
253 23.3 16.8 25.2
125 16.2 7.6 11.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/05/2024

