

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080122\
 Data File : BG054475.D
 Acq On : 1 Aug 2022 22:10
 Operator : CG/JU
 Sample : N3895-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-53

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/02/2022
 Supervised By : Jagrut Upadhyay 08/02/2022

Quant Time: Aug 02 05:47:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.986	152	23477	20.000	ng	# 0.00
21) Naphthalene-d8	10.794	136	82367	20.000	ng	# 0.00
39) Acenaphthene-d10	14.625	164	59271	20.000	ng	0.00
64) Phenanthrene-d10	17.369	188	139162	20.000	ng	# 0.00
76) Chrysene-d12	21.634	240	156068	20.000	ng	# 0.00
86) Perylene-d12	24.848	264	137997	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.577	112	102327	91.003	ng	0.01
7) Phenol-d6	7.187	99	135683	88.062	ng	0.01
23) Nitrobenzene-d5	9.149	82	93488	61.810	ng	0.00
42) 2,4,6-Tribromophenol	16.117	330	111461	89.565	ng	0.00
45) 2-Fluorobiphenyl	13.244	172	267622	63.696	ng	0.00
79) Terphenyl-d14	19.977	244	497704	63.264	ng	0.00
Target Compounds						
71) Phenanthrene	17.410	178	30837	4.450	ng	Qvalue 96
75) Fluoranthene	19.425	202	86482	9.154	ng	95
78) Pyrene	19.784	202	147374	16.457	ng	98
81) Benzo(a)anthracene	21.617	228	70605	7.127	ng	93
83) Chrysene	21.681	228	91785	9.806	ng	95
88) Benzo(b)fluoranthene	23.826	252	76066m	9.321	ng	
89) Benzo(k)fluoranthene	23.879	252	34083m	4.196	ng	
90) Benzo(a)pyrene	24.695	252	56593	8.120	ng	# 91
92) Benzo(g,h,i)perylene	29.684	276	26019	3.054	ng	# 84

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

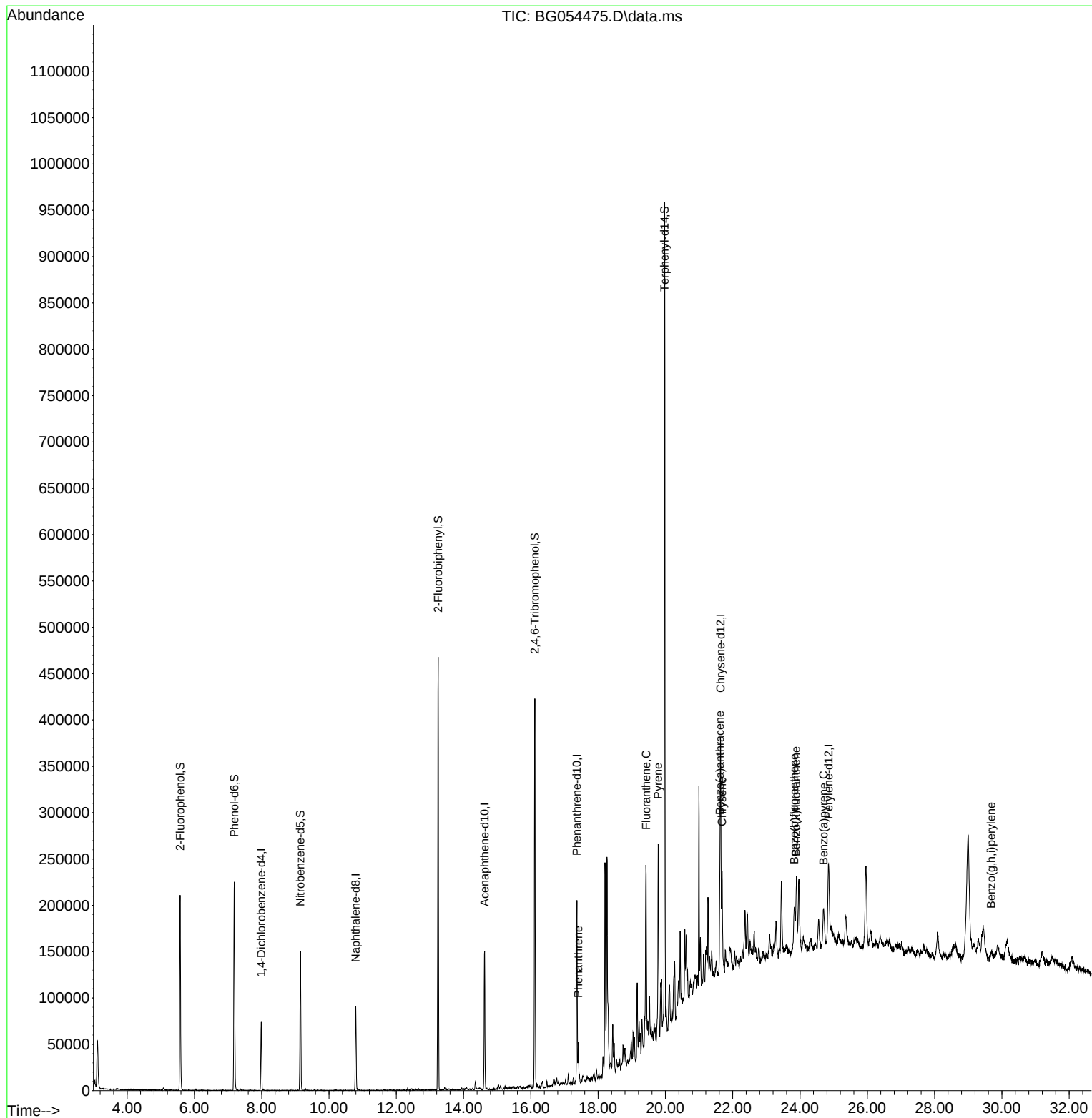
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080122\
Data File : BG054475.D
Acq On : 1 Aug 2022 22:10
Operator : CG/JU
Sample : N3895-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

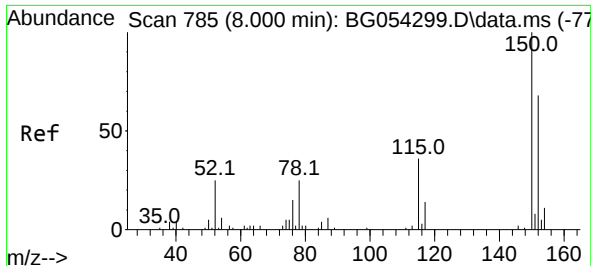
Instrument :
BNA_G
ClientSampleId :
RVE-53

Quant Time: Aug 02 05:47:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
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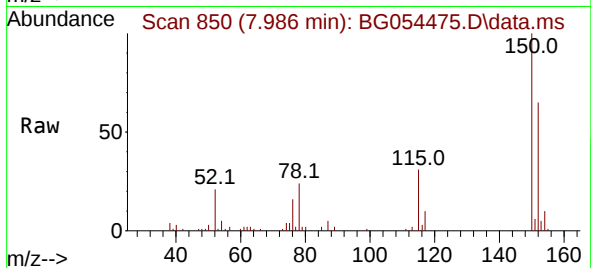
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.986 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Instrument :

BNA_G

ClientSampleId :

RVE-53

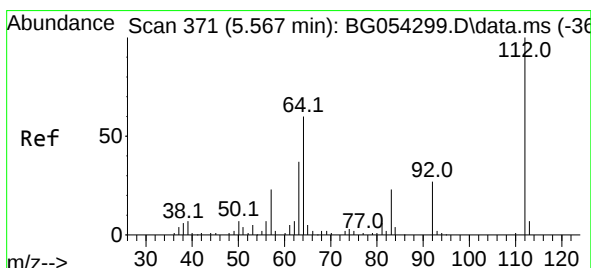
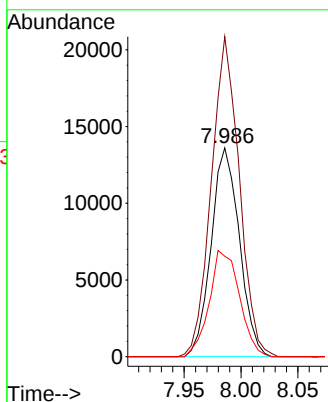
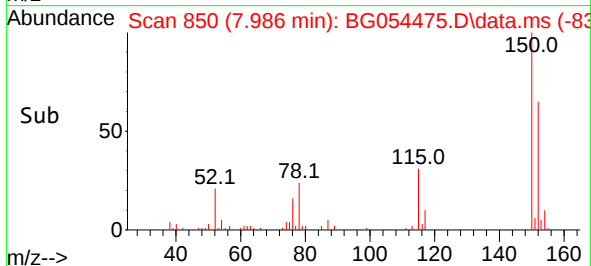


Tgt Ion:152 Resp: 2347
Ion Ratio Lower Upper
152 100
150 153.2 131.6 197.4
115 48.1 50.9 76.3

Manual Integrations

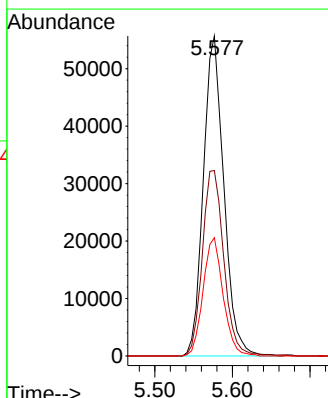
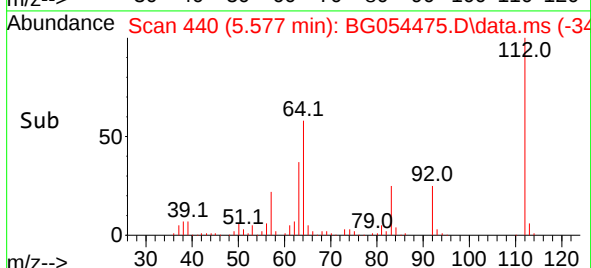
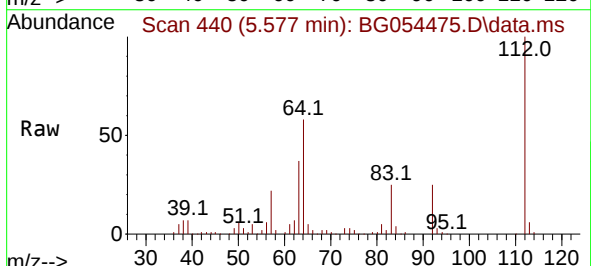
APPROVED

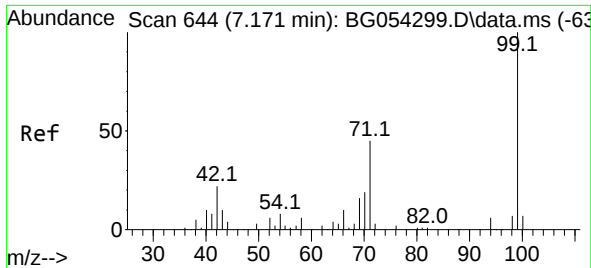
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#5
2-Fluorophenol
Concen: 91.003 ng
RT: 5.577 min Scan# 440
Delta R.T. 0.015 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

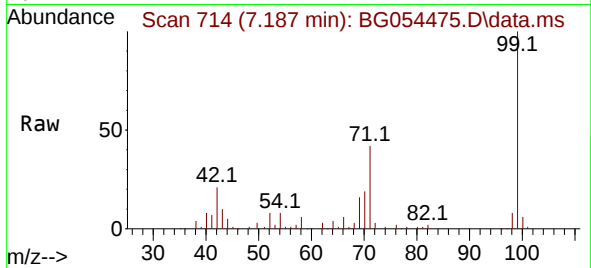
Tgt Ion:112 Resp: 102327
Ion Ratio Lower Upper
112 100
64 58.0 55.1 82.7
63 36.9 30.4 45.6





#7
Phenol-d6
Concen: 88.062 ng
RT: 7.187 min Scan# 71
Delta R.T. 0.015 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

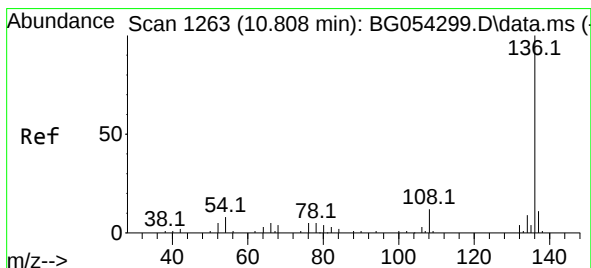
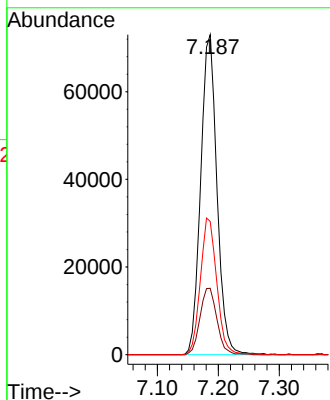
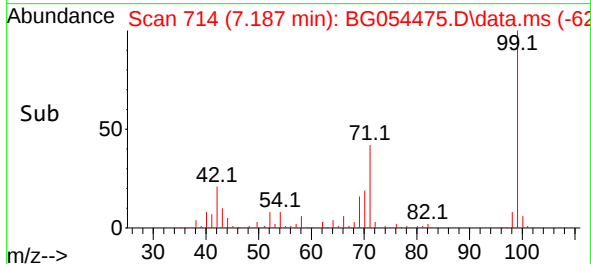
Instrument :
BNA_G
ClientSampleId :
RVE-53



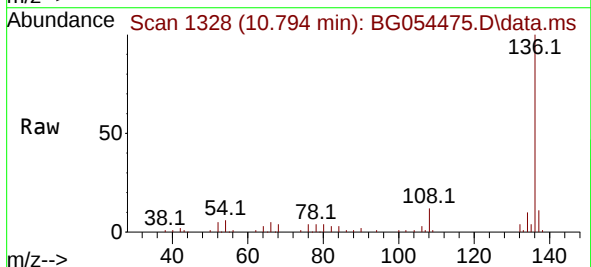
Tgt Ion: 99 Resp: 13568
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 41.7 33.8 50.8

Manual Integrations
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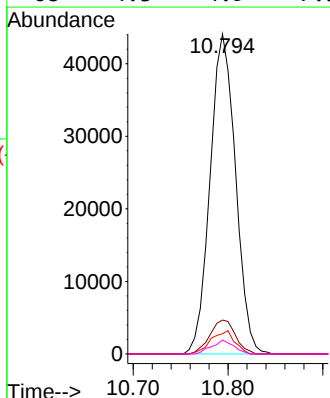
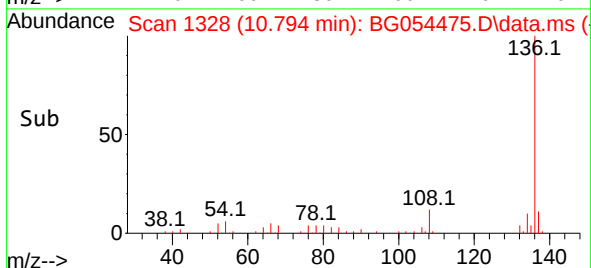
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.794 min Scan# 1328
Delta R.T. -0.003 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10



Tgt Ion:136 Resp: 82367
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 6.3 7.4 11.2#
68 4.3 4.9 7.3#





#23
Nitrobenzene-d5
Concen: 61.810 ng
RT: 9.149 min Scan# 1048
Delta R.T. -0.003 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Instrument :

BNA_G

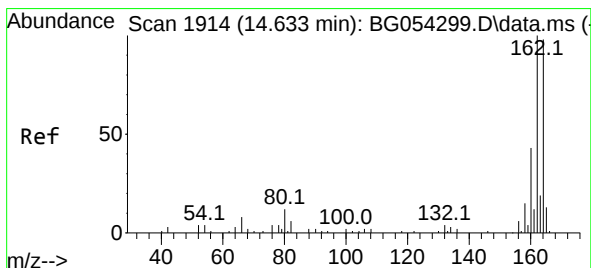
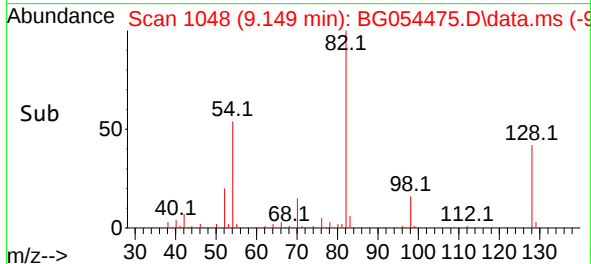
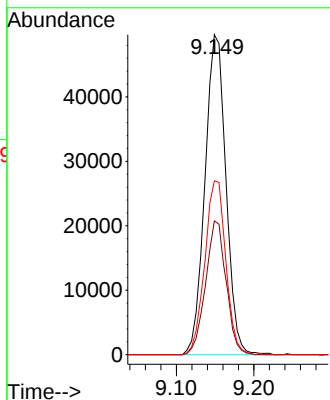
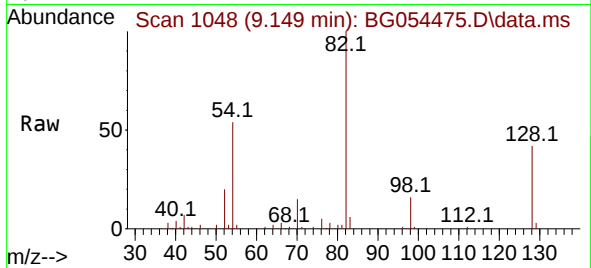
ClientSampleId :

RVE-53

Tgt Ion: 82 Resp: 93488
Ion Ratio Lower Upper
82 100
128 41.8 27.9 41.9
54 54.3 41.2 61.8

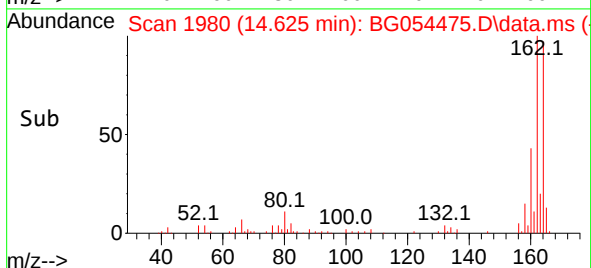
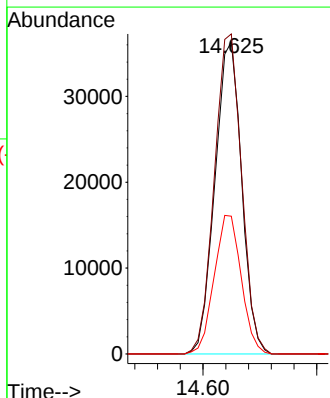
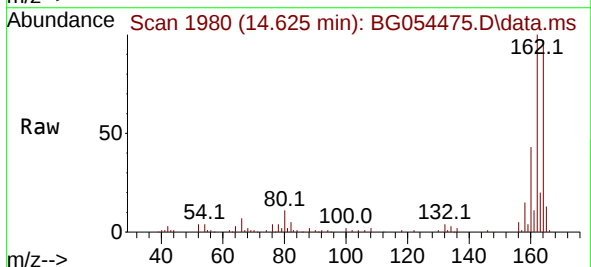
Manual Integrations
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.625 min Scan# 1980
Delta R.T. 0.003 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Tgt Ion:164 Resp: 59271
Ion Ratio Lower Upper
164 100
162 102.6 82.3 123.5
160 44.2 34.2 51.2





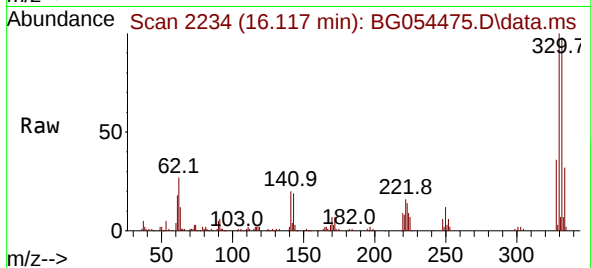
#42
2,4,6-Tribromophenol
Concen: 89.565 ng
RT: 16.117 min Scan# 2168
Delta R.T. 0.003 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Instrument :

BNA_G

ClientSampleId :

RVE-53

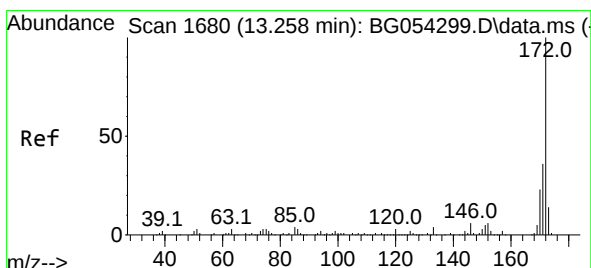
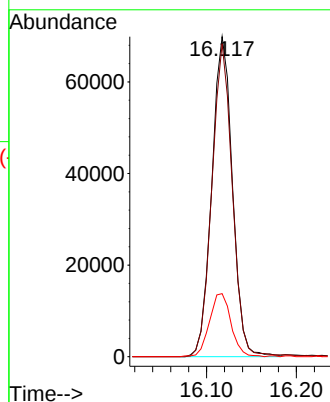
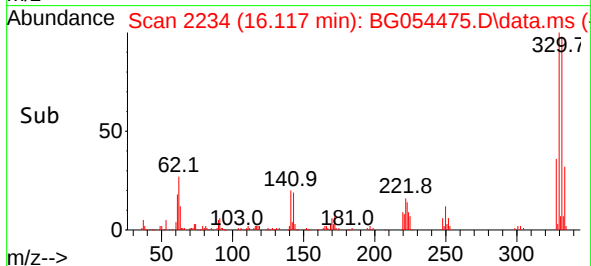


Tgt Ion:330 Resp: 111462
Ion Ratio Lower Upper
330 100
332 97.0 76.0 114.0
141 20.7 27.1 40.7

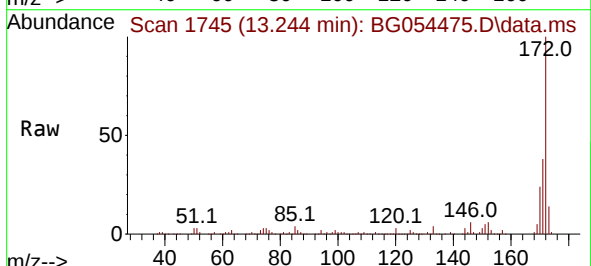
Manual Integrations

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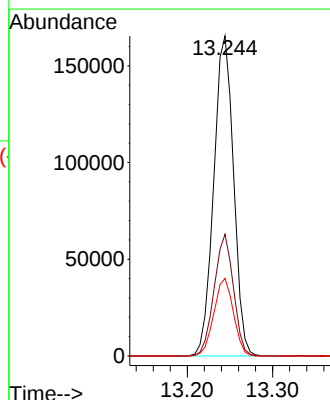
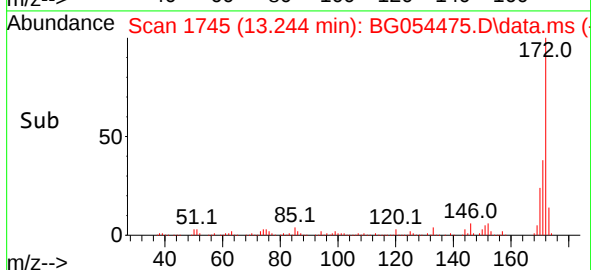
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

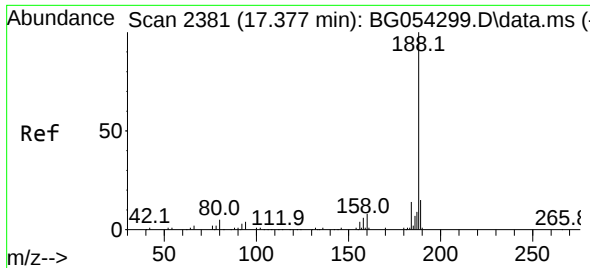


#45
2-Fluorobiphenyl
Concen: 63.696 ng
RT: 13.244 min Scan# 1745
Delta R.T. -0.003 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10



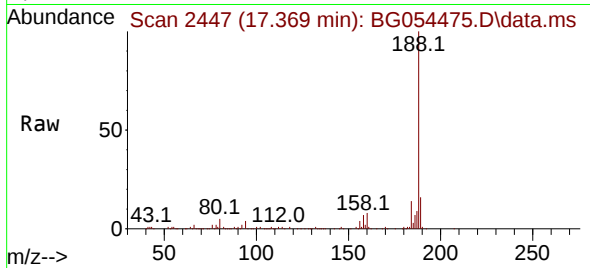
Tgt Ion:172 Resp: 267622
Ion Ratio Lower Upper
172 100
171 38.0 28.5 42.7
170 24.3 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.369 min Scan# 2447
Delta R.T. -0.003 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

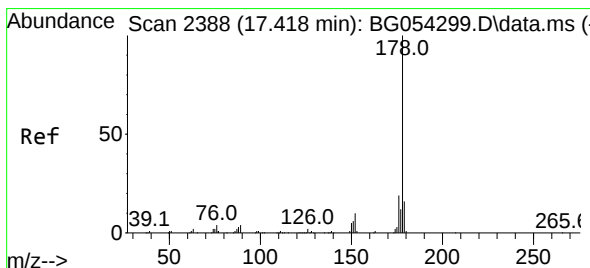
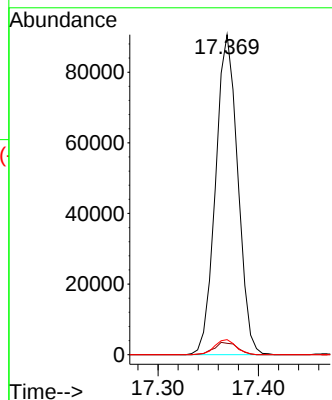
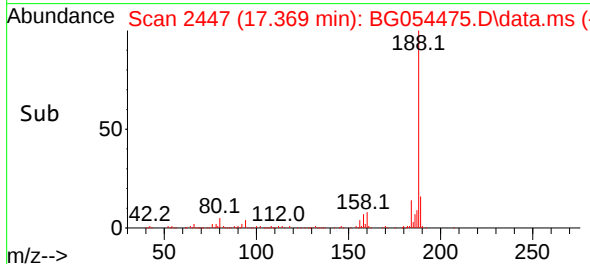
Instrument :
BNA_G
ClientSampleId :
RVE-53



Tgt Ion:188 Resp: 139162
Ion Ratio Lower Upper
188 100
94 3.5 5.4 8.0
80 4.7 6.8 10.2

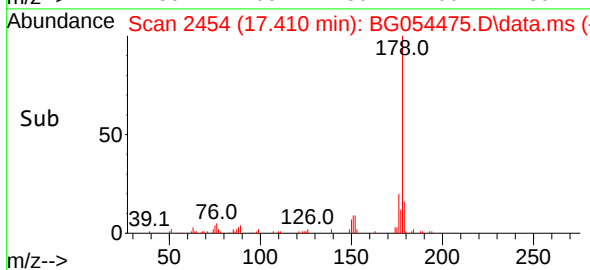
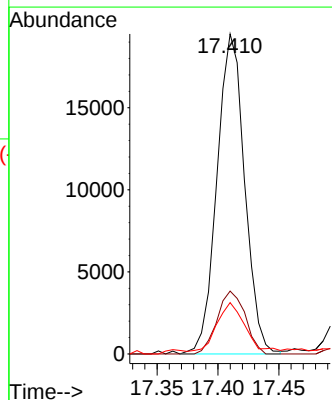
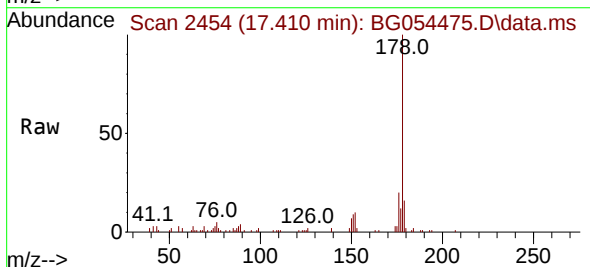
Manual Integrations
APPROVED

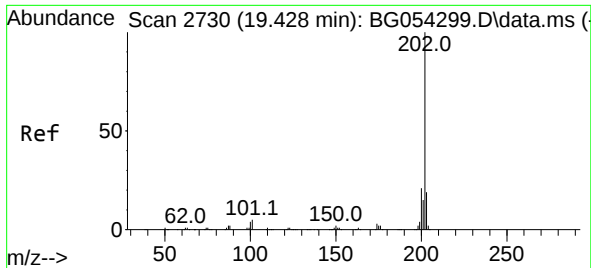
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#71
Phenanthrene
Concen: 4.450 ng
RT: 17.410 min Scan# 2454
Delta R.T. -0.003 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

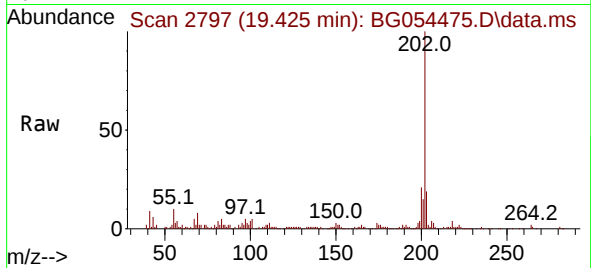
Tgt Ion:178 Resp: 30837
Ion Ratio Lower Upper
178 100
176 19.7 14.1 21.1
179 16.0 12.1 18.1





#75
Fluoranthene
Concen: 9.154 ng
RT: 19.425 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

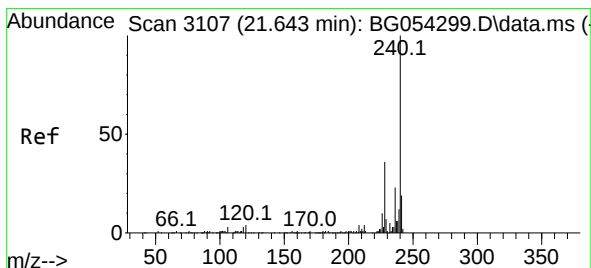
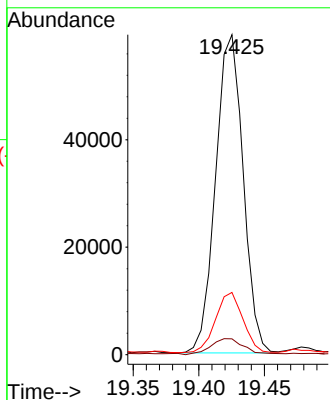
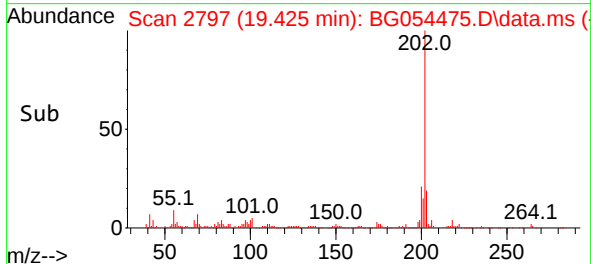
Instrument :
BNA_G
ClientSampleId :
RVE-53



Tgt Ion:202 Resp: 8648
Ion Ratio Lower Upper
202 100
101 5.0 0.0 26.9
203 19.5 0.0 37.2

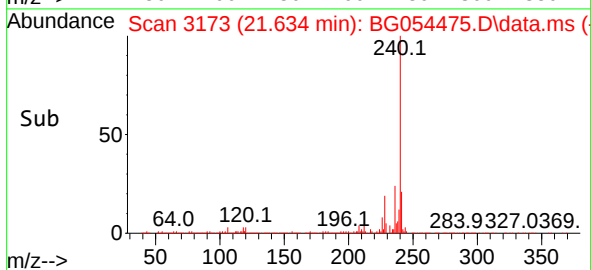
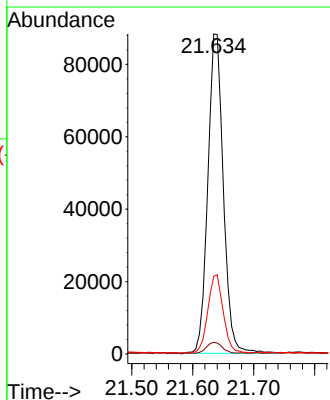
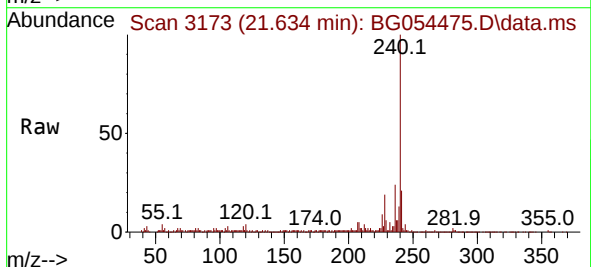
Manual Integrations
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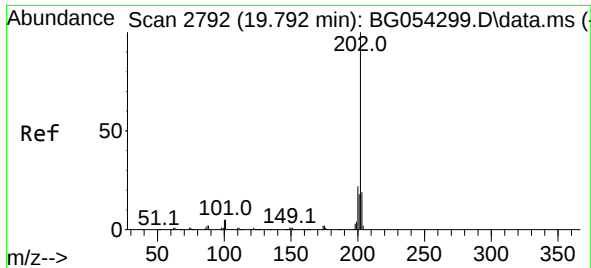
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.634 min Scan# 3173
Delta R.T. -0.003 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

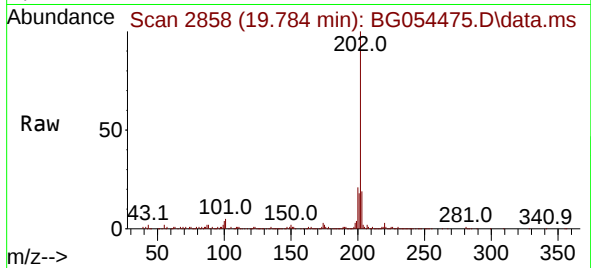
Tgt Ion:240 Resp: 156068
Ion Ratio Lower Upper
240 100
120 3.6 4.6 7.0#
236 24.3 20.2 30.4





#78
Pyrene
Concen: 16.457 ng
RT: 19.784 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

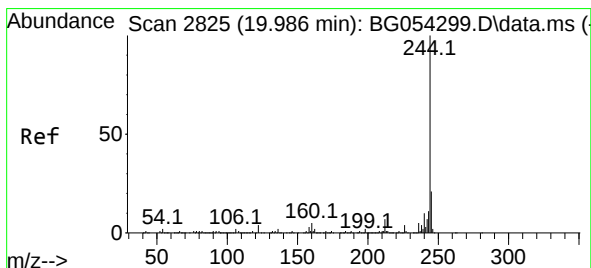
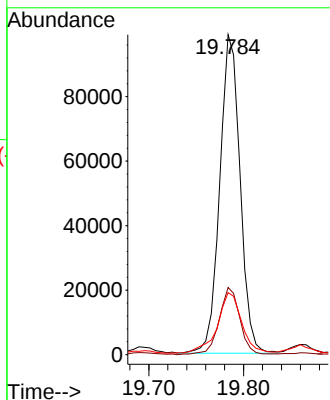
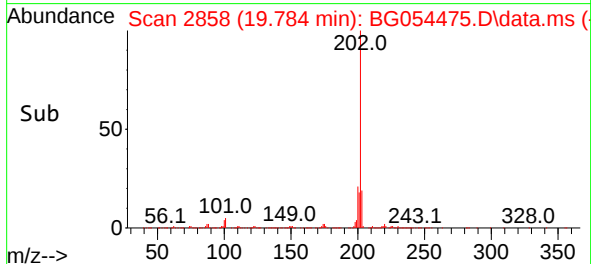
Instrument :
BNA_G
ClientSampleId :
RVE-53



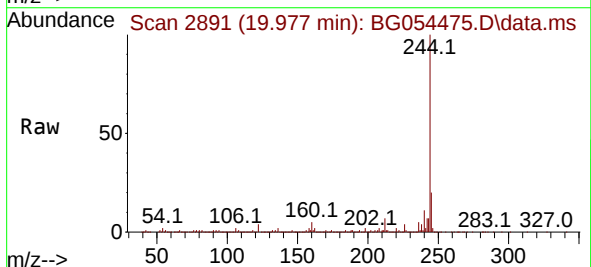
Tgt Ion:202 Resp: 147374
Ion Ratio Lower Upper
202 100
200 21.0 16.6 24.8
203 19.4 14.6 21.8

Manual Integrations
APPROVED

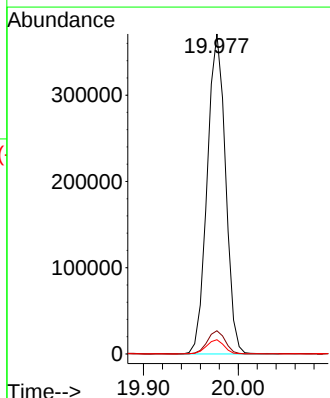
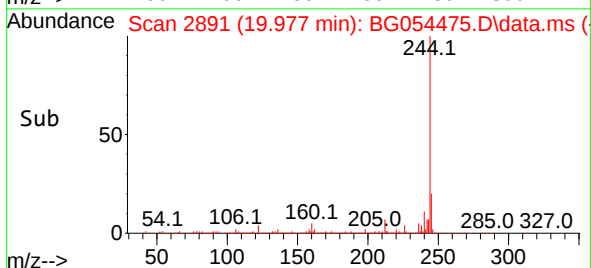
Reviewed By :Christian Giraldo 08/02/2022
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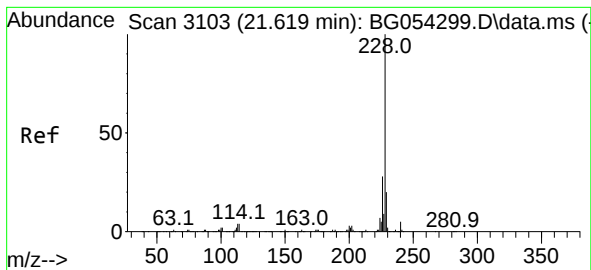


#79
Terphenyl-d14
Concen: 63.264 ng
RT: 19.977 min Scan# 2891
Delta R.T. -0.003 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10



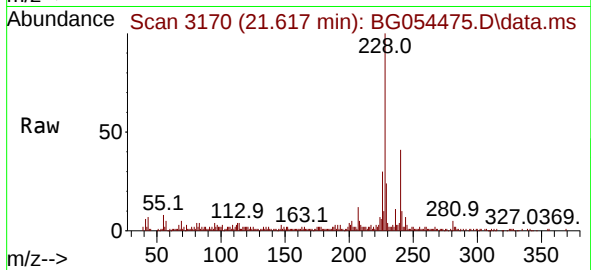
Tgt Ion:244 Resp: 497704
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 4.5 5.0 7.4#





#81
Benzo(a)anthracene
Concen: 7.127 ng
RT: 21.617 min Scan# 3103
Delta R.T. 0.003 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

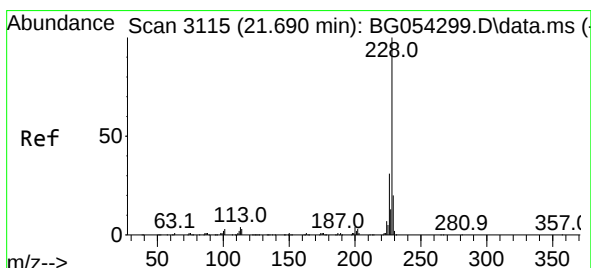
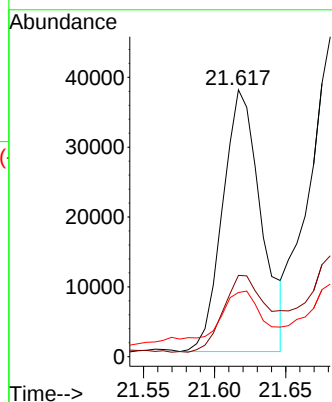
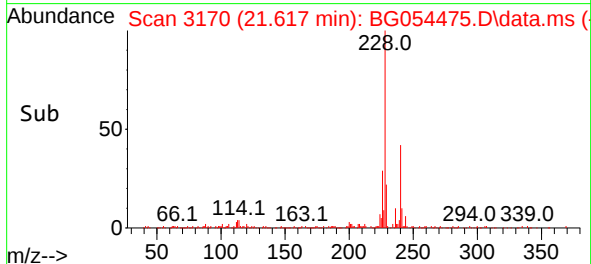
Instrument :
BNA_G
ClientSampleId :
RVE-53



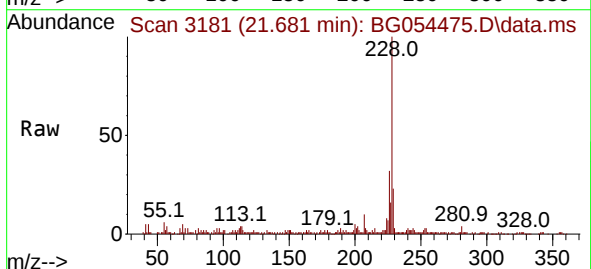
Tgt Ion:228 Resp: 7060
Ion Ratio Lower Upper
228 100
226 30.5 21.6 32.4
229 24.0 16.2 24.2

Manual Integrations
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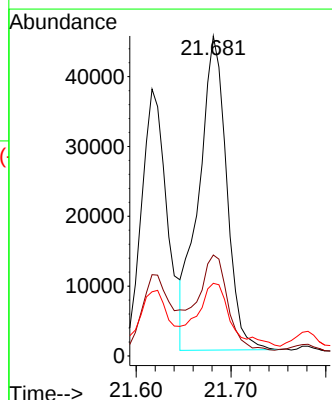
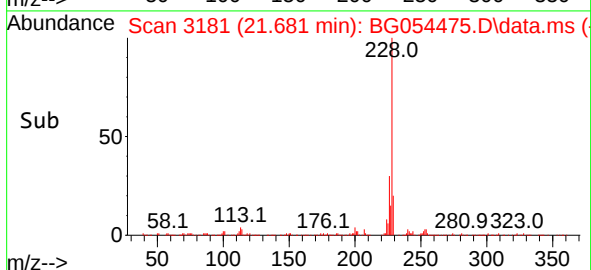
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

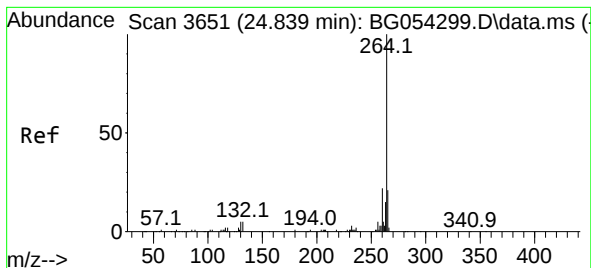


#83
Chrysene
Concen: 9.806 ng
RT: 21.681 min Scan# 3181
Delta R.T. -0.003 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10



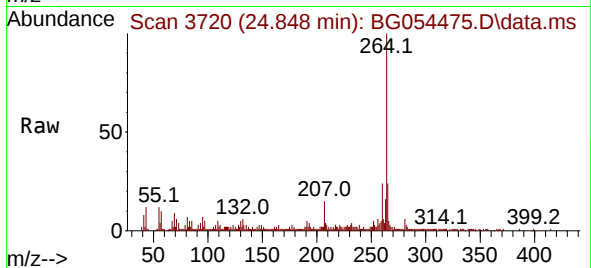
Tgt Ion:228 Resp: 91785
Ion Ratio Lower Upper
228 100
226 31.5 23.4 35.2
229 22.7 15.5 23.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.848 min Scan# 31
 Delta R.T. 0.015 min
 Lab File: BG054475.D
 Acq: 1 Aug 2022 22:10

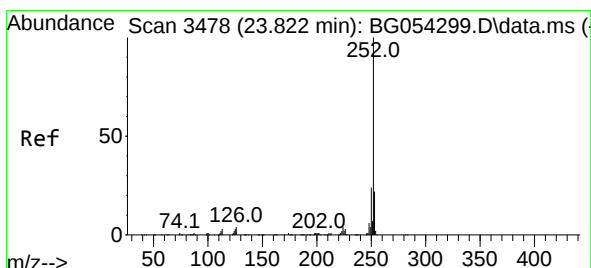
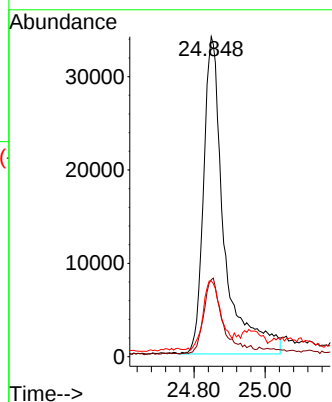
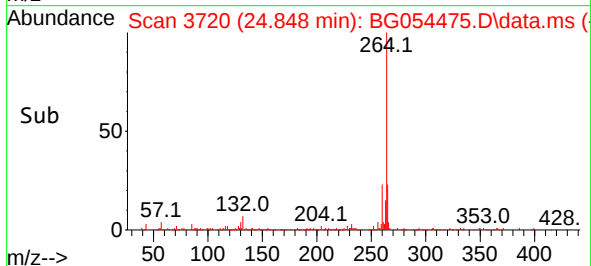
Instrument :
 BNA_G
 ClientSampleId :
 RVE-53



Tgt Ion:264 Resp: 13799
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 23.7 17.4 26.2

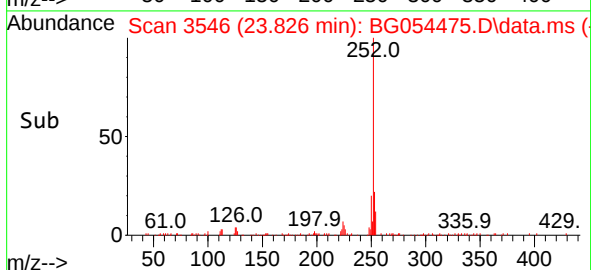
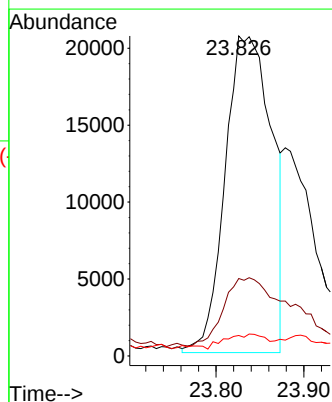
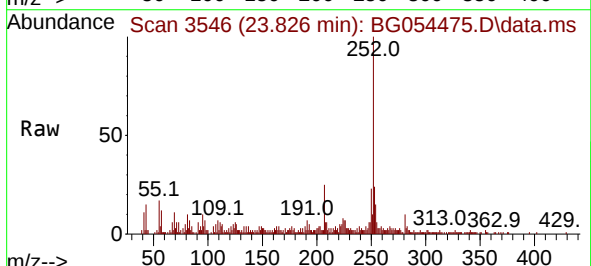
Manual Integrations
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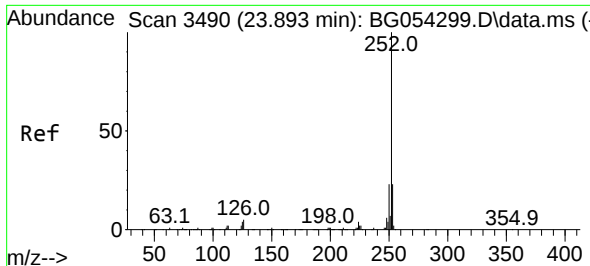
Reviewed By :Christian Giraldo 08/02/2022
 Supervised By :Jagrut Upadhyay 08/02/2022



#88
 Benzo(b)fluoranthene
 Concen: 9.321 ng m
 RT: 23.826 min Scan# 3546
 Delta R.T. 0.003 min
 Lab File: BG054475.D
 Acq: 1 Aug 2022 22:10

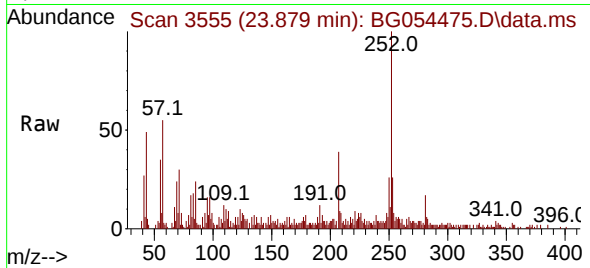
Tgt Ion:252 Resp: 76066
 Ion Ratio Lower Upper
 252 100
 253 24.2 18.0 27.0
 125 6.4 4.6 6.8





#89
Benzo(k)fluoranthene
Concen: 4.196 ng m
RT: 23.879 min Scan# 3490
Delta R.T. -0.009 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

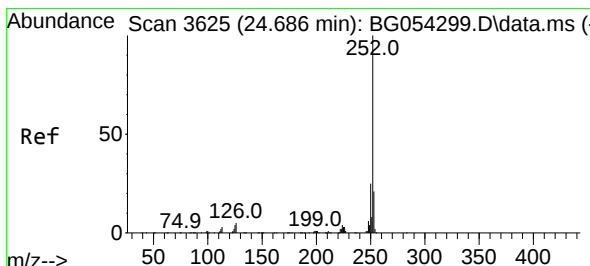
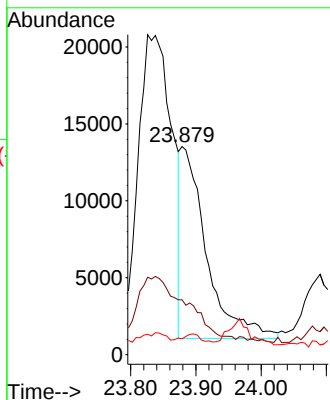
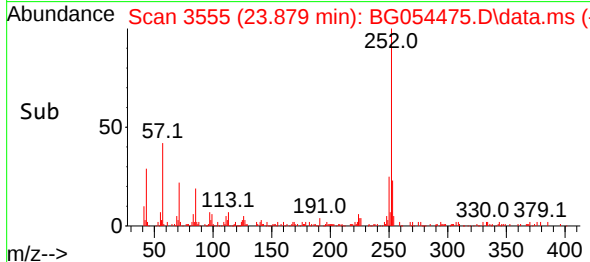
Instrument :
BNA_G
ClientSampleId :
RVE-53



Tgt Ion:252 Resp: 3408
Ion Ratio Lower Upper
252 100
253 26.4 18.4 27.6
125 7.6 4.8 7.2

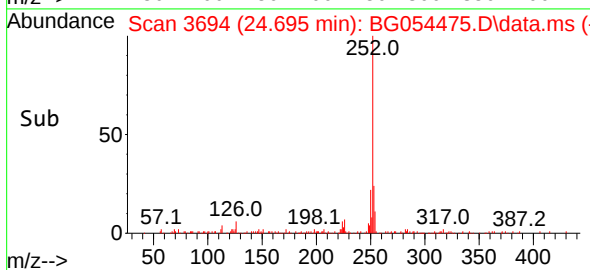
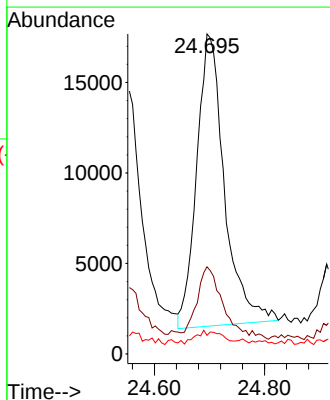
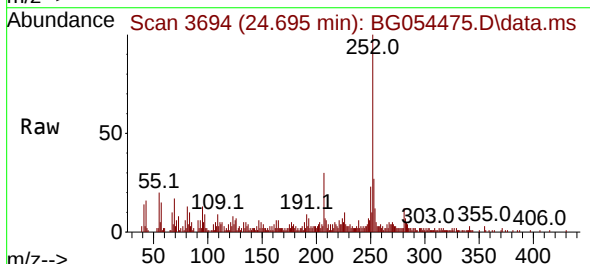
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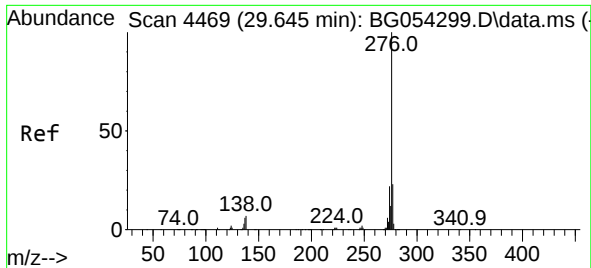
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#90
Benzo(a)pyrene
Concen: 8.120 ng
RT: 24.695 min Scan# 3694
Delta R.T. 0.009 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

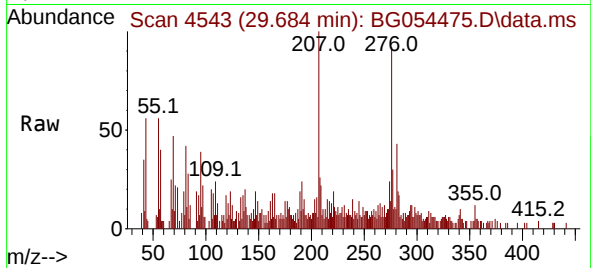
Tgt Ion:252 Resp: 56593
Ion Ratio Lower Upper
252 100
253 27.2 17.8 26.8#
125 5.8 4.3 6.5





#92
 Benzo(g,h,i)perylene
 Concen: 3.054 ng
 RT: 29.684 min Scan# 4543
 Delta R.T. 0.021 min
 Lab File: BG054475.D
 Acq: 1 Aug 2022 22:10

Instrument :
 BNA_G
 ClientSampleId :
 RVE-53



Tgt Ion:	276	Resp:	26019
Ion Ratio	Lower	Upper	
276	100		
277	32.9	17.3	25.9
138	12.4	9.6	14.4

Manual Integrations
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Reviewed By :Christian Giraldo 08/02/2022
 Supervised By :Jagrut Upadhyay 08/02/2022

