

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
 Data File : BG054455.D
 Acq On : 29 Jul 2022 18:57
 Operator : CG/JU
 Sample : N3894-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-24

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/01/2022
 Supervised By : Jagrut Upadhyay 08/01/2022

Quant Time: Jul 30 03:18:49 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	7.987	152	19505	20.000	ng	0.00
21) Naphthalene-d8	10.796	136	73067	20.000	ng	# 0.00
39) Acenaphthene-d10	14.626	164	55531	20.000	ng	0.00
64) Phenanthrene-d10	17.370	188	133131	20.000	ng	# 0.00
76) Chrysene-d12	21.642	240	148094	20.000	ng	# 0.00
86) Perylene-d12	24.850	264	152422	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.572	112	121395	129.945	ng	0.01
7) Phenol-d6	7.182	99	163878	128.021	ng	0.01
23) Nitrobenzene-d5	9.150	82	111210	82.885	ng	0.00
42) 2,4,6-Tribromophenol	16.119	330	150457	129.043	ng	0.00
45) 2-Fluorobiphenyl	13.246	172	335593	85.253	ng	0.00
79) Terphenyl-d14	19.979	244	654735	87.705	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.350	152	35742	7.566	ng	# 97
71) Phenanthrene	17.411	178	30301	4.570	ng	98
75) Fluoranthene	19.427	202	111043	12.287	ng	95
78) Pyrene	19.785	202	237683	27.971	ng	98
81) Benzo(a)anthracene	21.618	228	117439	12.492	ng	# 90
83) Chrysene	21.683	228	165642m	18.650	ng	
87) Indeno(1,2,3-cd)pyrene	28.534	276	62391	5.381	ng	# 91
88) Benzo(b)fluoranthene	23.833	252	158459m	17.579	ng	
89) Benzo(k)fluoranthene	23.880	252	49195m	5.484	ng	
90) Benzo(a)pyrene	24.697	252	134777m	17.508	ng	
92) Benzo(g,h,i)perylene	29.697	276	65564	6.967	ng	# 92

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

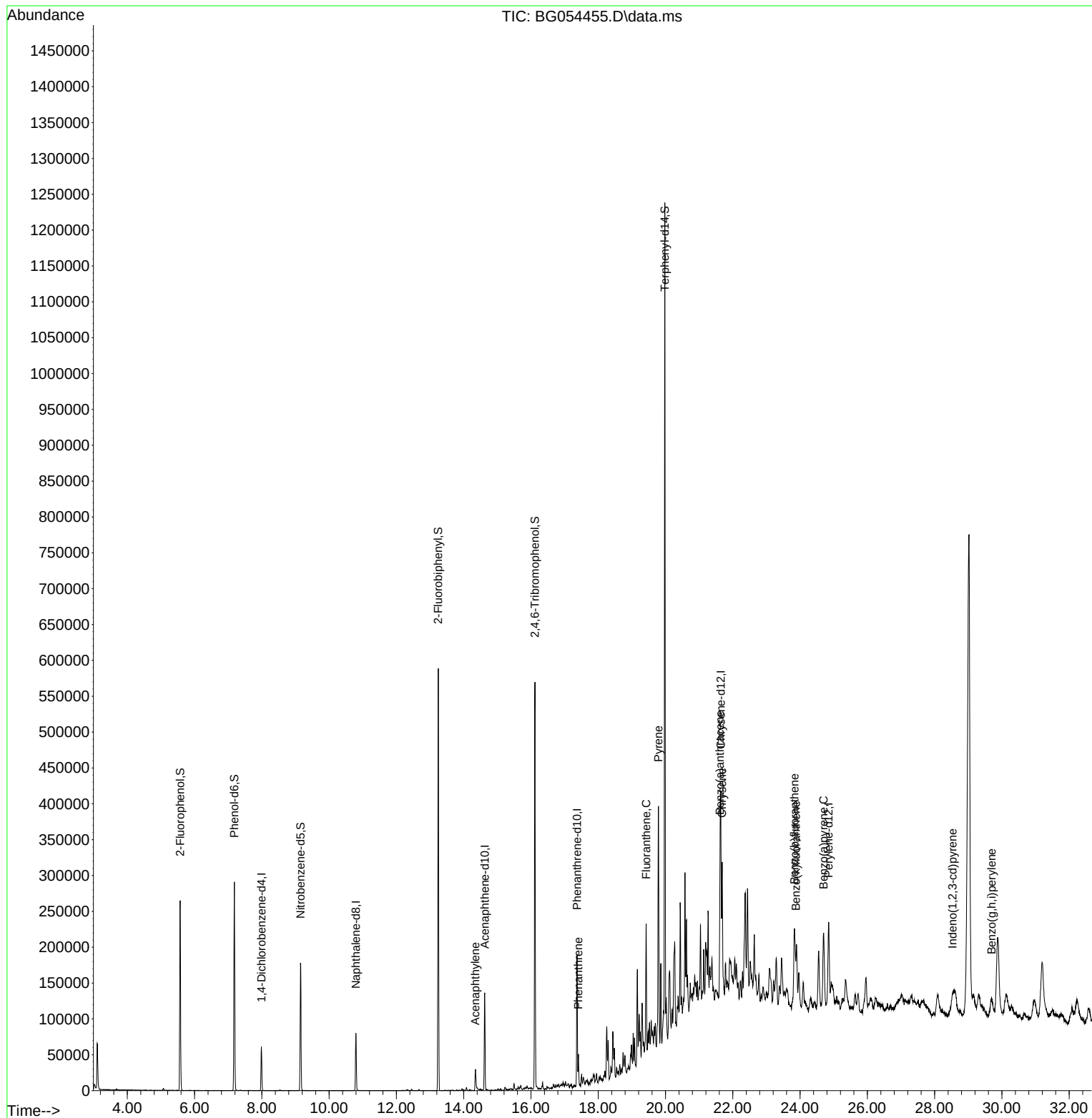
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
Data File : BG054455.D
Acq On : 29 Jul 2022 18:57
Operator : CG/JU
Sample : N3894-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

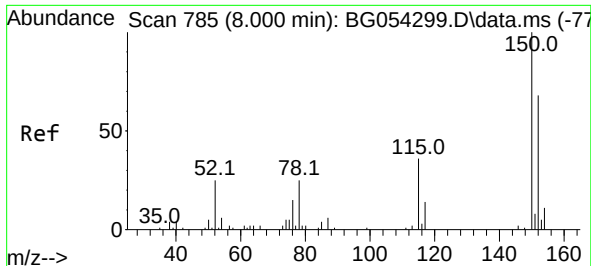
Instrument :
BNA_G
ClientSampleId :
RVE-24

Quant Time: Jul 30 03:18:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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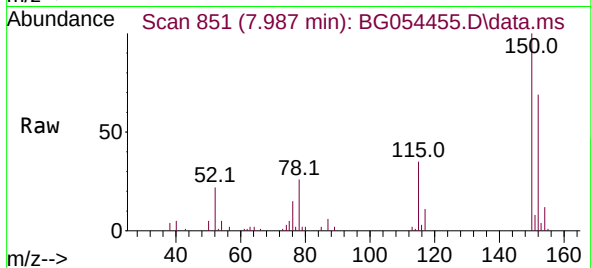
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG054455.D
Acq: 29 Jul 2022 18:57

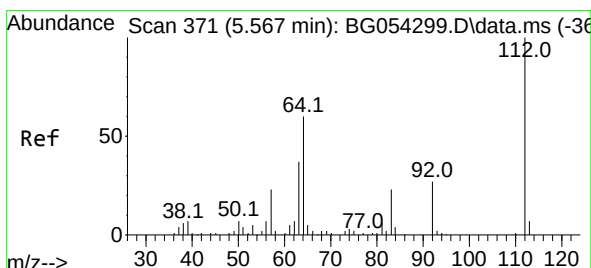
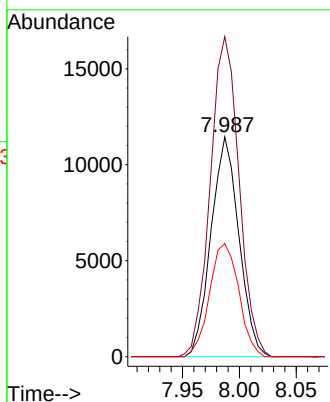
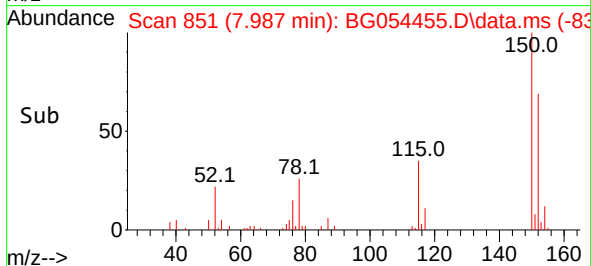
Instrument :
BNA_G
ClientSampleId :
RVE-24



Tgt Ion:152 Resp: 1950
Ion Ratio Lower Upper
152 100
150 145.6 131.6 197.4
115 51.5 50.9 76.3

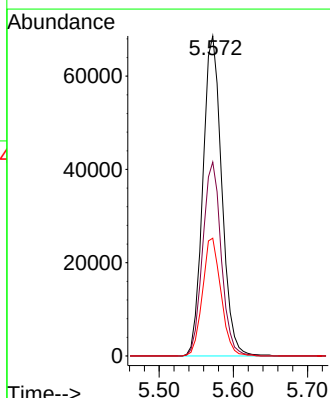
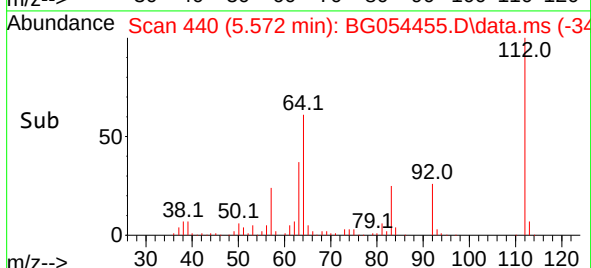
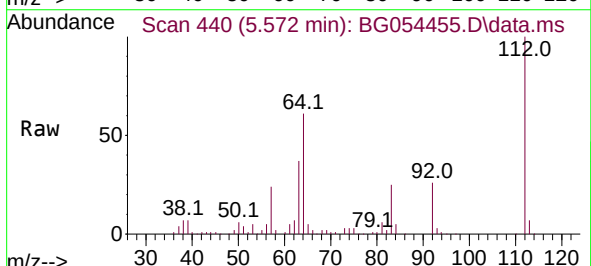
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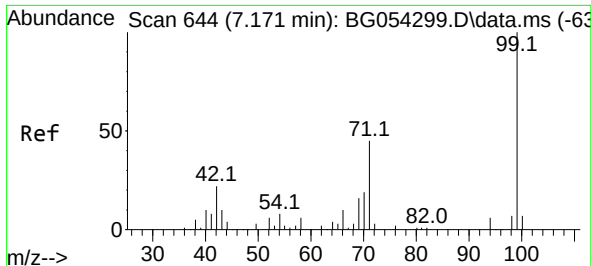
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#5
2-Fluorophenol
Concen: 129.945 ng
RT: 5.572 min Scan# 440
Delta R.T. 0.010 min
Lab File: BG054455.D
Acq: 29 Jul 2022 18:57

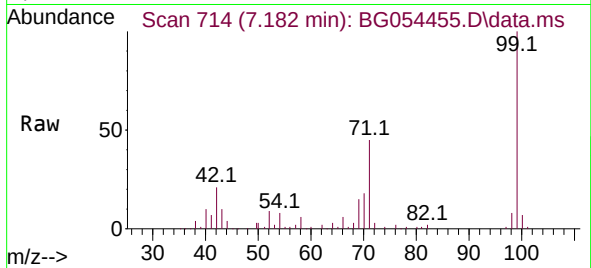
Tgt Ion:112 Resp: 121395
Ion Ratio Lower Upper
112 100
64 60.6 55.1 82.7
63 36.8 30.4 45.6





#7
Phenol-d6
Concen: 128.021 ng
RT: 7.182 min Scan# 71
Delta R.T. 0.010 min
Lab File: BG054455.D
Acq: 29 Jul 2022 18:57

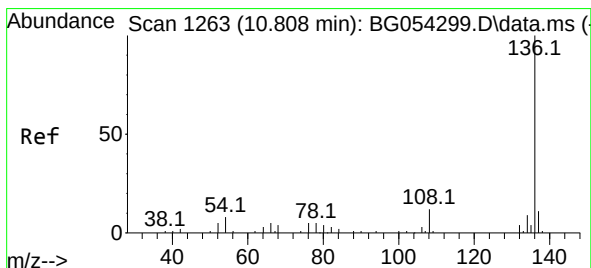
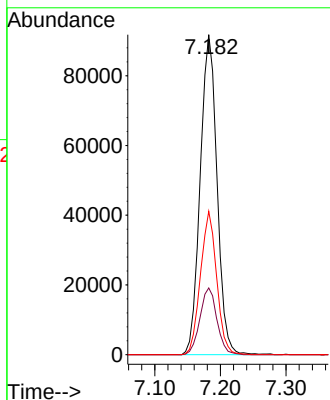
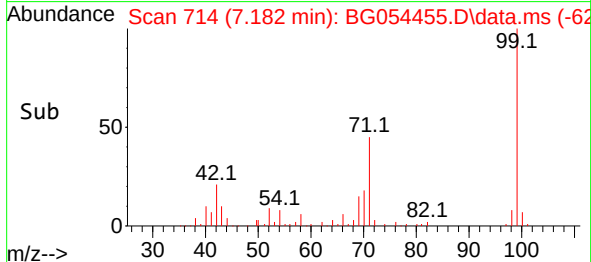
Instrument :
BNA_G
ClientSampleId :
RVE-24



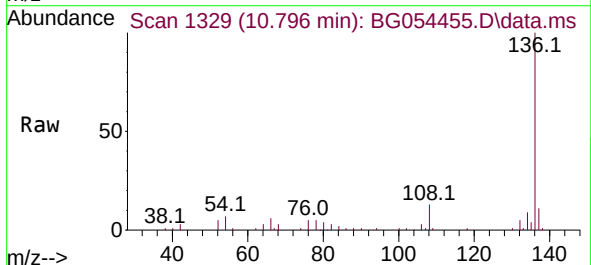
Tgt Ion: 99 Resp: 163878
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.6
71 44.8 33.8 50.8

Manual Integrations
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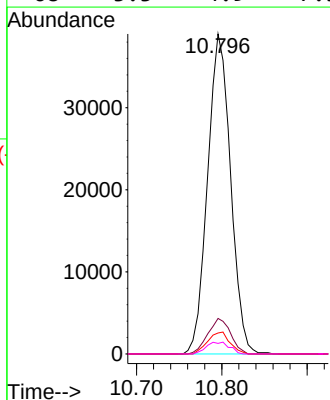
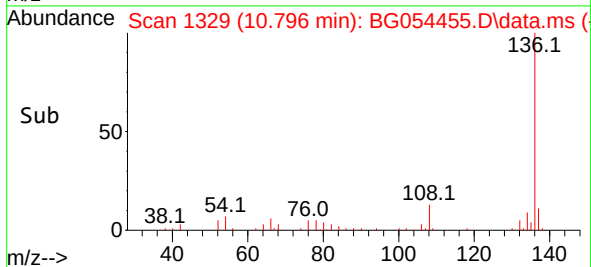
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

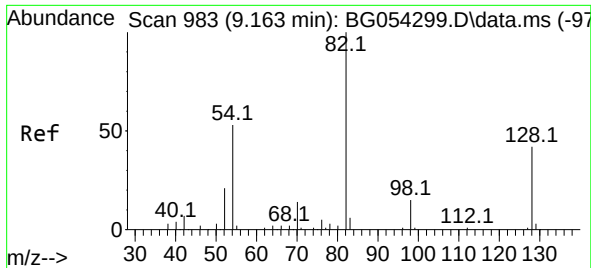


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.796 min Scan# 1329
Delta R.T. -0.001 min
Lab File: BG054455.D
Acq: 29 Jul 2022 18:57



Tgt Ion:136 Resp: 73067
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 6.5 7.4 11.2#
68 3.3 4.9 7.3#





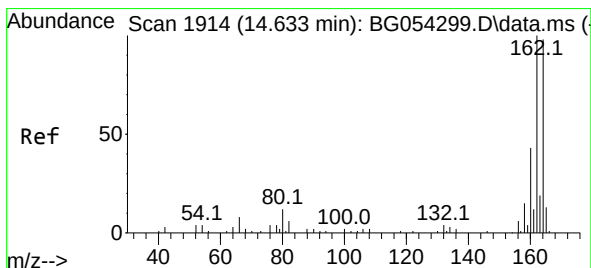
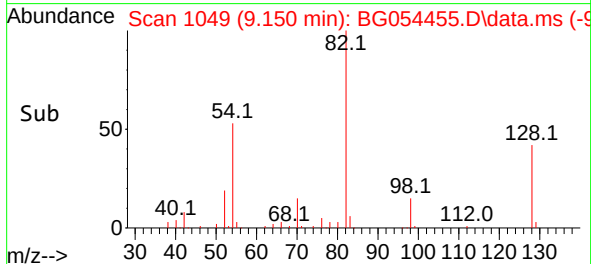
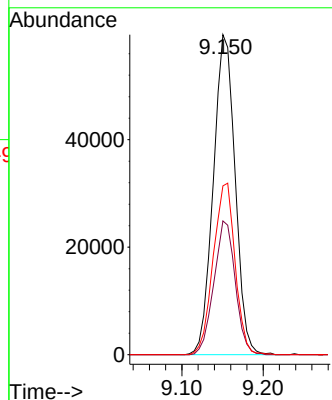
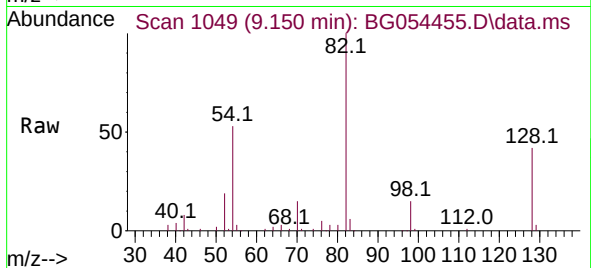
#23
Nitrobenzene-d5
Concen: 82.885 ng
RT: 9.150 min Scan# 1049
Delta R.T. -0.001 min
Lab File: BG054455.D
Acq: 29 Jul 2022 18:57

Instrument :
BNA_G
ClientSampleId :
RVE-24

Tgt Ion: 82 Resp: 111210
Ion Ratio Lower Upper
82 100
128 41.8 27.9 41.9
54 52.7 41.2 61.8

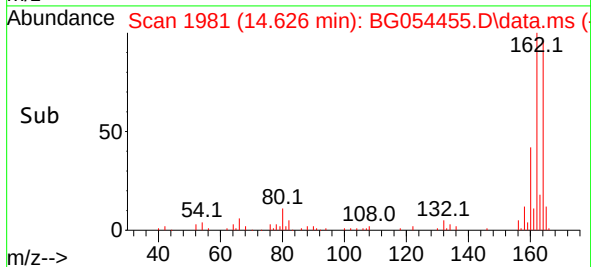
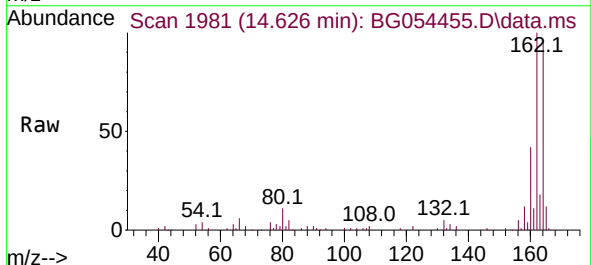
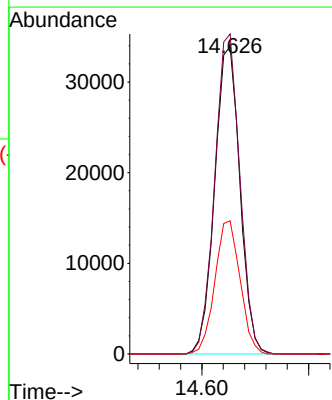
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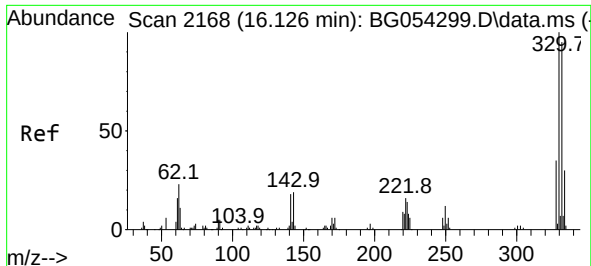
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.626 min Scan# 1981
Delta R.T. 0.005 min
Lab File: BG054455.D
Acq: 29 Jul 2022 18:57

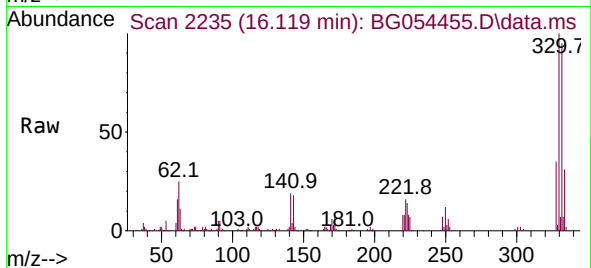
Tgt Ion:164 Resp: 55531
Ion Ratio Lower Upper
164 100
162 104.0 82.3 123.5
160 43.3 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 129.043 ng
RT: 16.119 min Scan# 2168
Delta R.T. 0.005 min
Lab File: BG054455.D
Acq: 29 Jul 2022 18:57

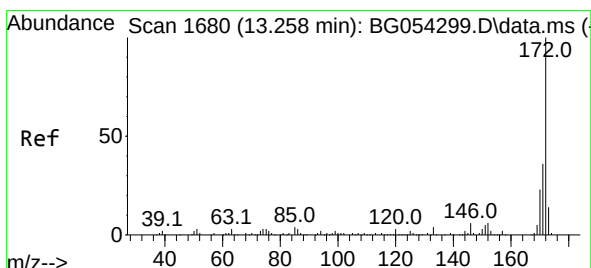
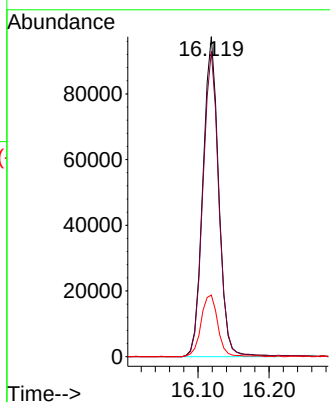
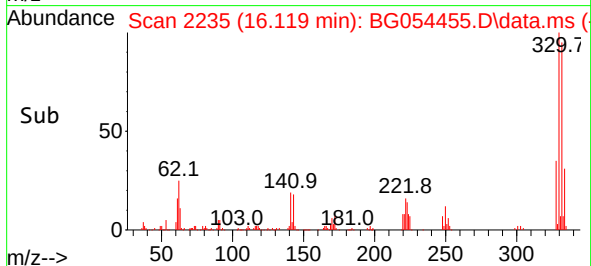
Instrument :
BNA_G
ClientSampleId :
RVE-24



Tgt Ion:330 Resp: 15045
Ion Ratio Lower Upper
330 100
332 95.8 76.0 114.0
141 20.4 27.1 40.7

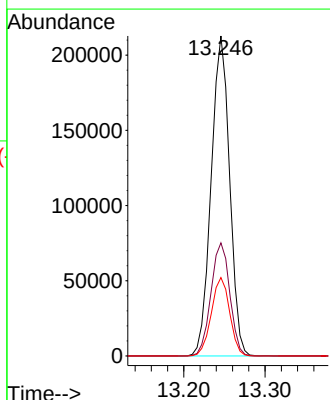
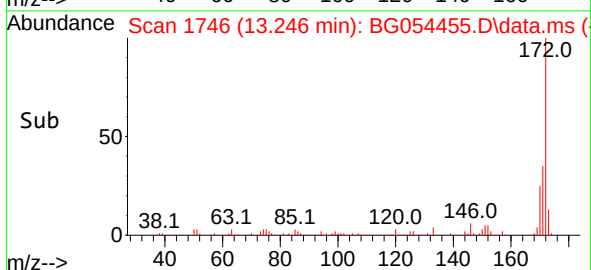
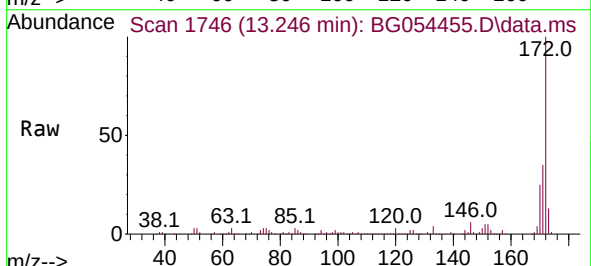
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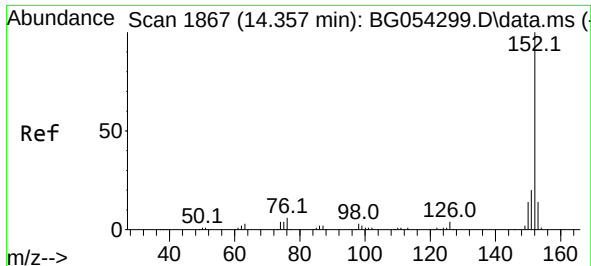
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#45
2-Fluorobiphenyl
Concen: 85.253 ng
RT: 13.246 min Scan# 1746
Delta R.T. -0.001 min
Lab File: BG054455.D
Acq: 29 Jul 2022 18:57

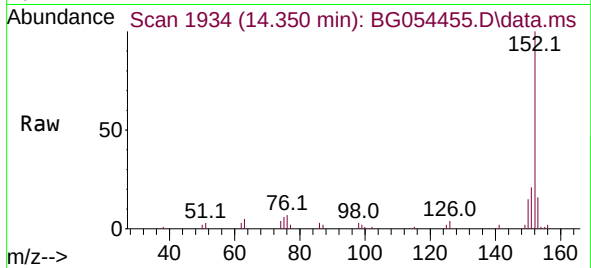
Tgt Ion:172 Resp: 335593
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 24.5 18.9 28.3





#49
Acenaphthylene
Concen: 7.566 ng
RT: 14.350 min Scan# 1934
Delta R.T. 0.005 min
Lab File: BG054455.D
Acq: 29 Jul 2022 18:57

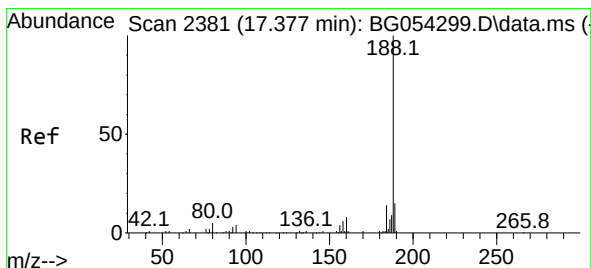
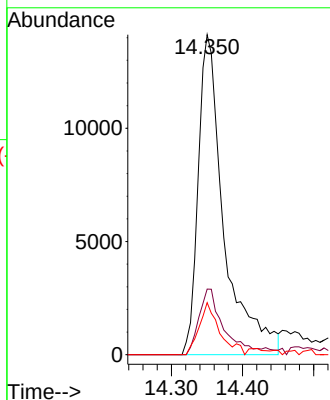
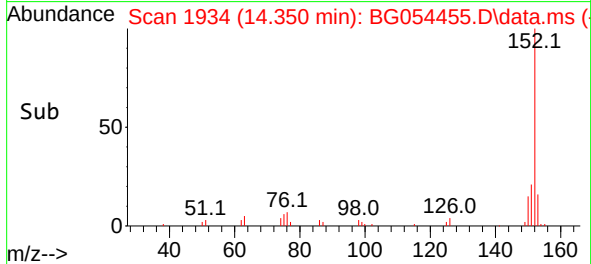
Instrument :
BNA_G
ClientSampleId :
RVE-24



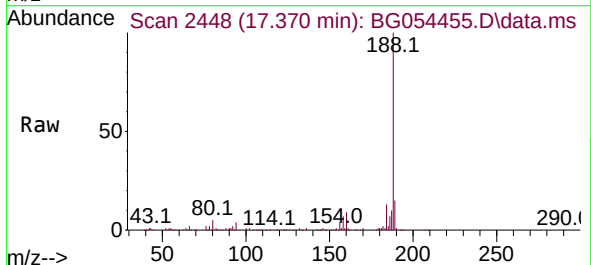
Tgt Ion:152 Resp: 35742
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 16.2 10.8 16.2

Manual Integrations
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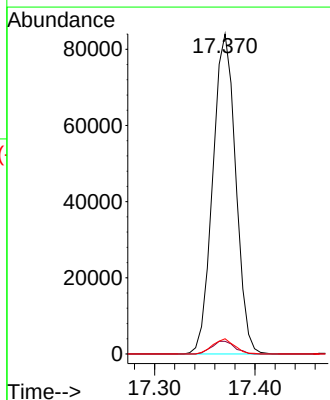
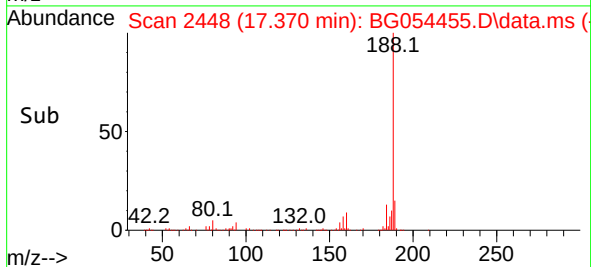
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

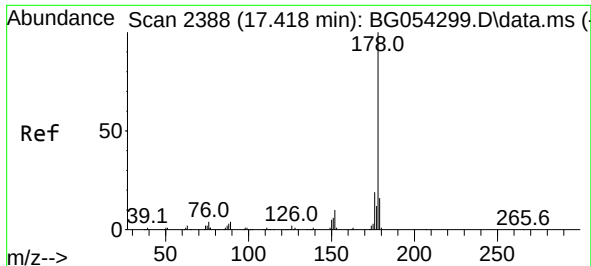


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.370 min Scan# 2448
Delta R.T. -0.001 min
Lab File: BG054455.D
Acq: 29 Jul 2022 18:57



Tgt Ion:188 Resp: 133131
Ion Ratio Lower Upper
188 100
94 4.0 5.4 8.0#
80 4.7 6.8 10.2#





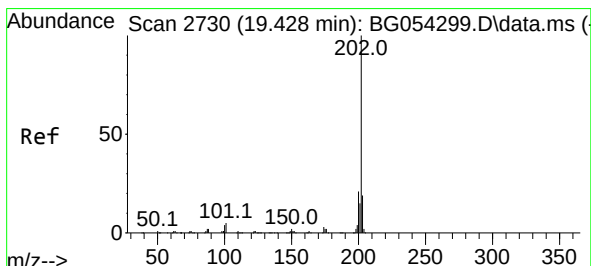
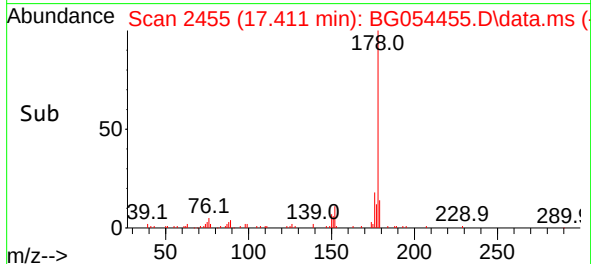
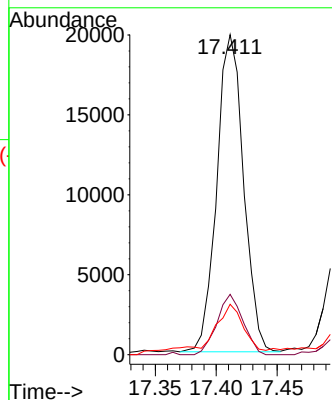
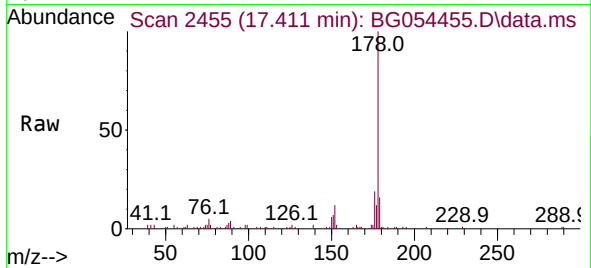
#71
Phenanthrene
Concen: 4.570 ng
RT: 17.411 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG054455.D
Acq: 29 Jul 2022 18:57

Instrument :
BNA_G
ClientSampleId :
RVE-24

Tgt Ion:178 Resp: 3030
Ion Ratio Lower Upper
178 100
176 18.8 14.1 21.1
179 15.7 12.1 18.1

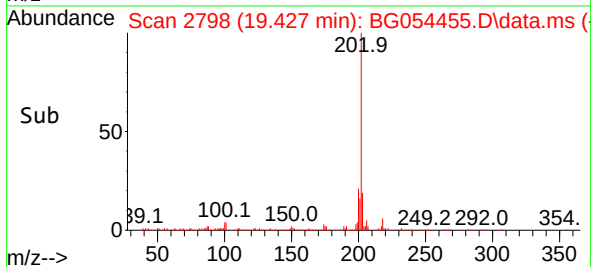
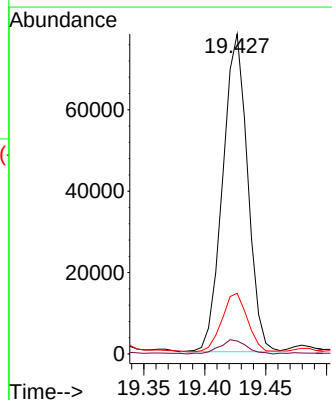
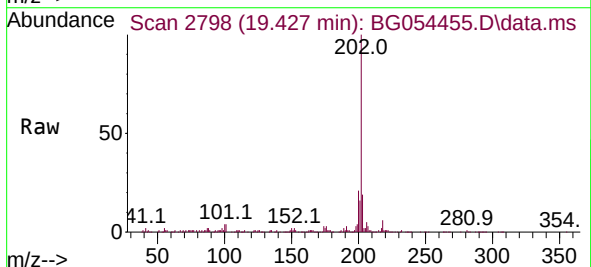
Manual Integrations
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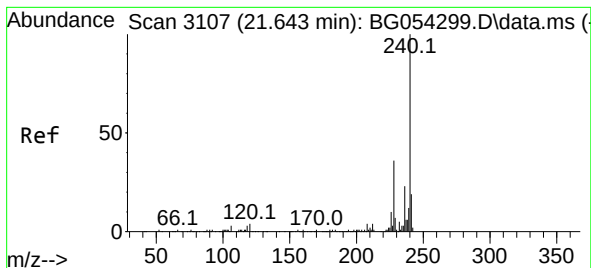
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#75
Fluoranthene
Concen: 12.287 ng
RT: 19.427 min Scan# 2798
Delta R.T. 0.005 min
Lab File: BG054455.D
Acq: 29 Jul 2022 18:57

Tgt Ion:202 Resp: 111043
Ion Ratio Lower Upper
202 100
101 4.1 0.0 26.9
203 19.0 0.0 37.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.642 min Scan# 3107

Delta R.T. 0.005 min

Lab File: BG054455.D

Acq: 29 Jul 2022 18:57

Instrument :

BNA_G

ClientSampleId :

RVE-24

Tgt Ion:240 Resp: 148094

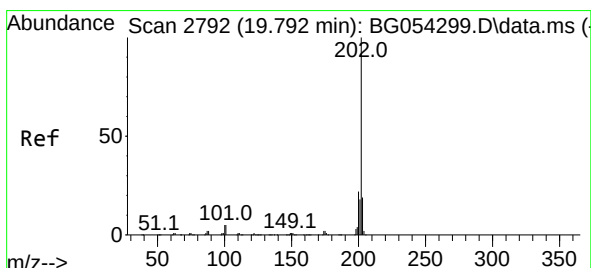
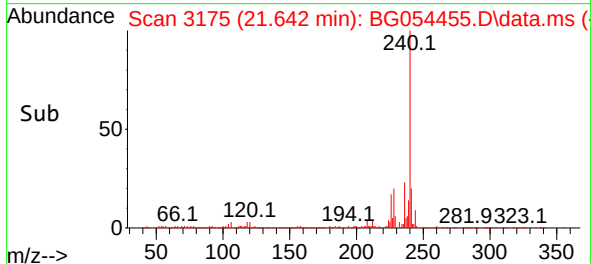
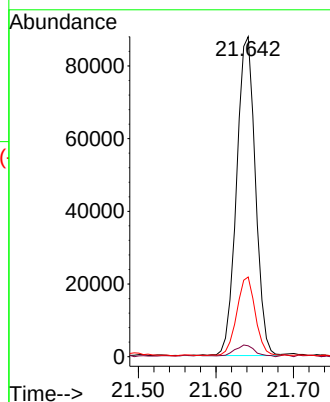
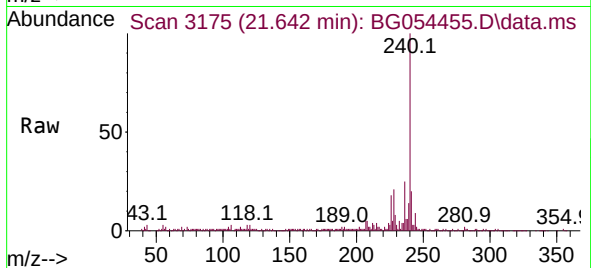
Ion	Ratio	Lower	Upper
240	100		
120	3.4	4.6	7.0
236	24.9	20.2	30.4

Manual Integrations

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Reviewed By :Christian Giraldo 08/01/2022

Supervised By :Jagrut Upadhyay 08/01/2022



#78

Pyrene

Concen: 27.971 ng

RT: 19.785 min Scan# 2859

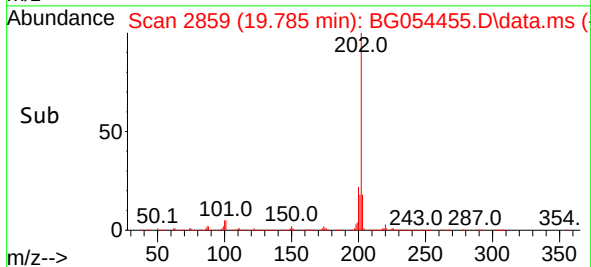
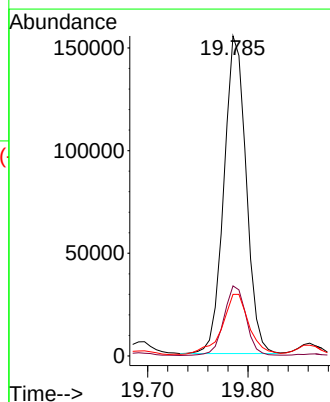
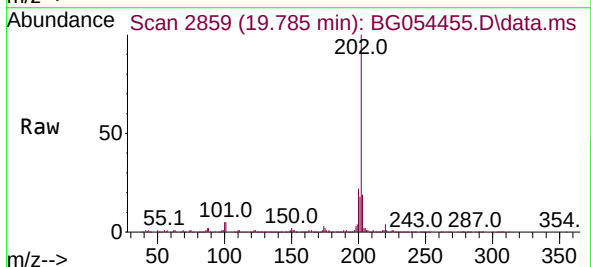
Delta R.T. -0.001 min

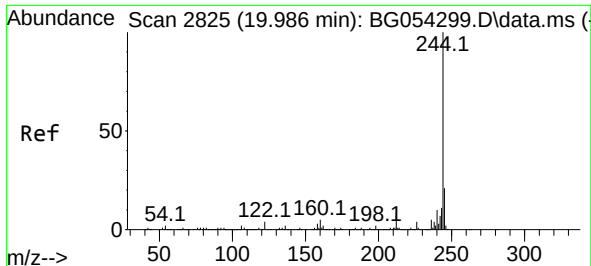
Lab File: BG054455.D

Acq: 29 Jul 2022 18:57

Tgt Ion:202 Resp: 237683

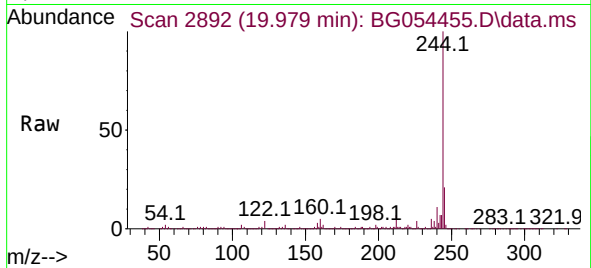
Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.6	24.8
203	19.2	14.6	21.8





#79
 Terphenyl-d14
 Concen: 87.705 ng
 RT: 19.979 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG054455.D
 Acq: 29 Jul 2022 18:57

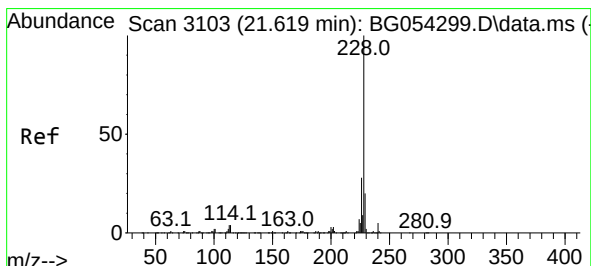
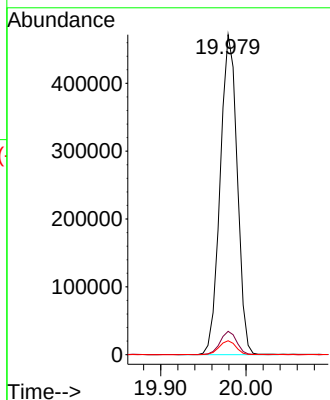
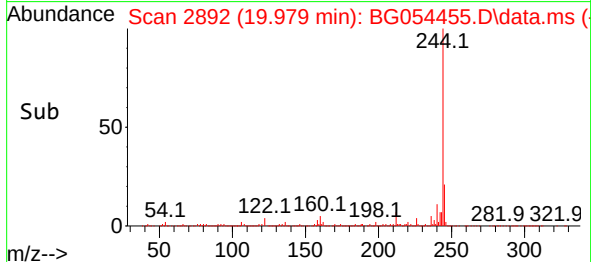
Instrument :
 BNA_G
 ClientSampleId :
 RVE-24



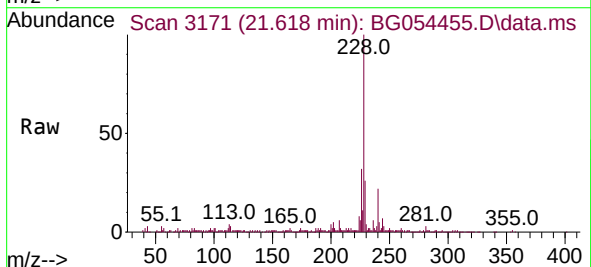
Tgt Ion:244 Resp: 65473
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 4.3 5.0 7.4

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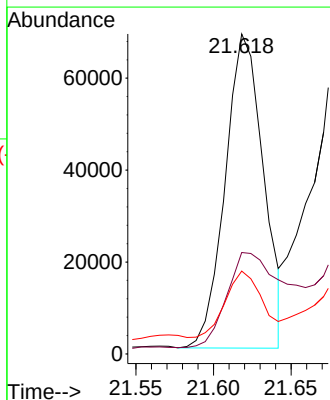
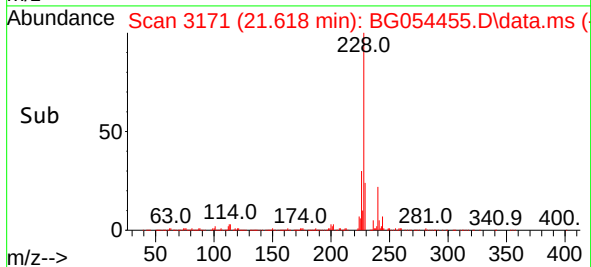
Reviewed By :Christian Giraldo 08/01/2022
 Supervised By :Jagrut Upadhyay 08/01/2022

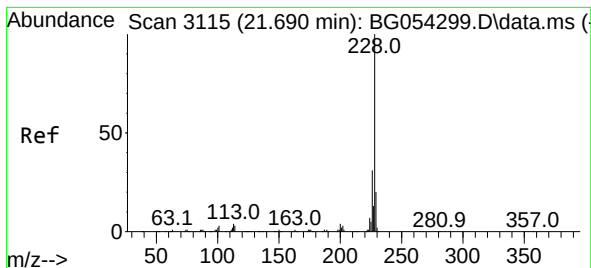


#81
 Benzo(a)anthracene
 Concen: 12.492 ng
 RT: 21.618 min Scan# 3171
 Delta R.T. 0.005 min
 Lab File: BG054455.D
 Acq: 29 Jul 2022 18:57



Tgt Ion:228 Resp: 117439
 Ion Ratio Lower Upper
 228 100
 226 31.7 21.6 32.4
 229 25.9 16.2 24.2





#83

Chrysene

Concen: 18.650 ng m

RT: 21.683 min Scan# 3115

Delta R.T. -0.001 min

Lab File: BG054455.D

Acq: 29 Jul 2022 18:57

Instrument :

BNA_G

ClientSampleId :

RVE-24

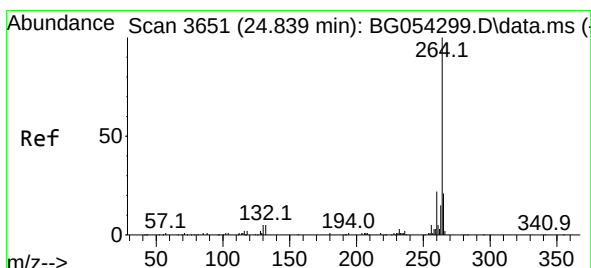
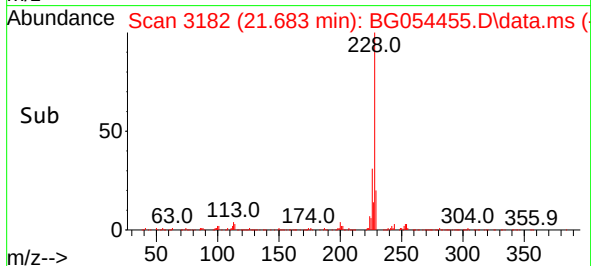
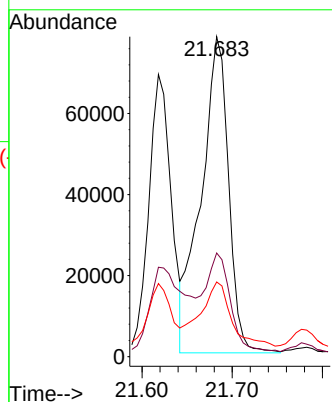
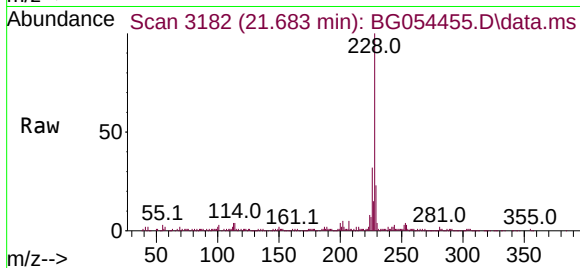
Tgt Ion:228	Resp: 16564
Ion Ratio	Lower Upper
228	100
226	32.4 23.4 35.2
229	23.3 15.5 23.3

Manual Integrations

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Reviewed By :Christian Giraldo 08/01/2022

Supervised By :Jagrut Upadhyay 08/01/2022



#86

Perylene-d12

Concen: 20.000 ng

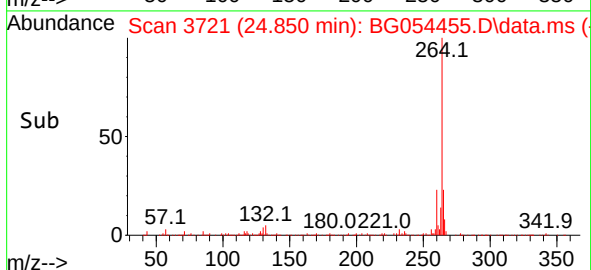
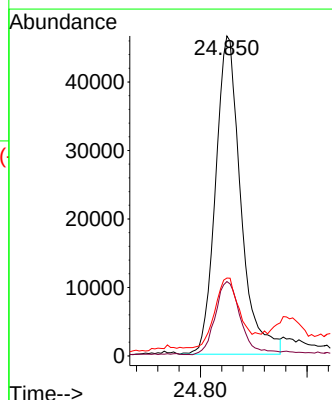
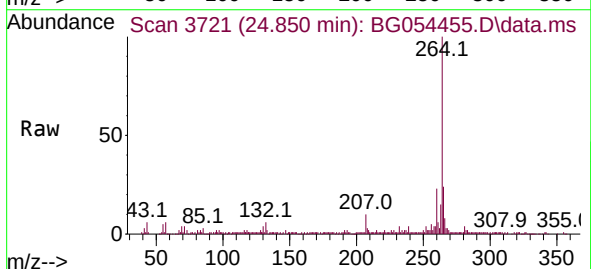
RT: 24.850 min Scan# 3721

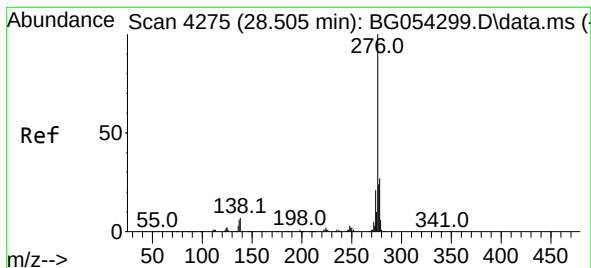
Delta R.T. 0.016 min

Lab File: BG054455.D

Acq: 29 Jul 2022 18:57

Tgt Ion:264	Resp: 152422
Ion Ratio	Lower Upper
264	100
260	23.3 19.0 28.6
265	24.4 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.381 ng

RT: 28.534 min Scan# 41

Delta R.T. 0.016 min

Lab File: BG054455.D

Acq: 29 Jul 2022 18:57

Instrument :

BNA_G

ClientSampleId :

RVE-24

Tgt Ion:276 Resp: 6239

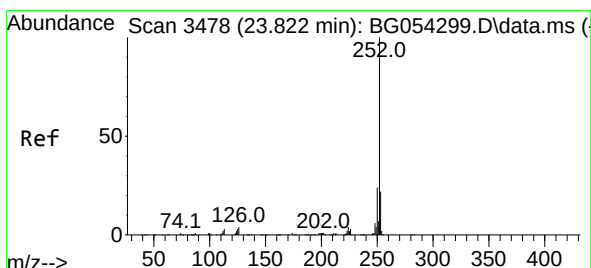
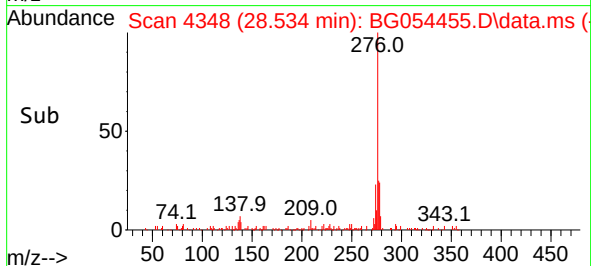
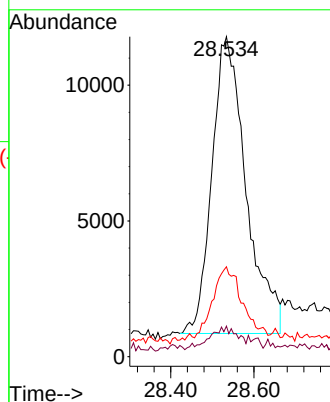
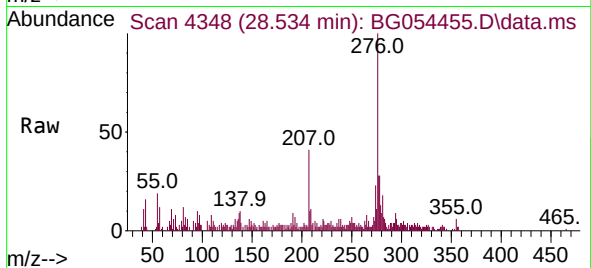
Ion	Ratio	Lower	Upper
276	100		
138	2.0	5.0	7.4
277	21.6	20.3	30.5

Manual Integrations

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Reviewed By :Christian Giraldo 08/01/2022

Supervised By :Jagrut Upadhyay 08/01/2022



#88

Benzo(b)fluoranthene

Concen: 17.579 ng m

RT: 23.833 min Scan# 3548

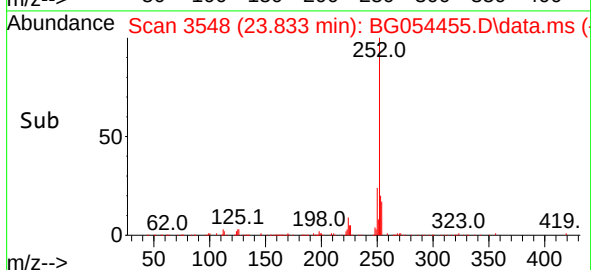
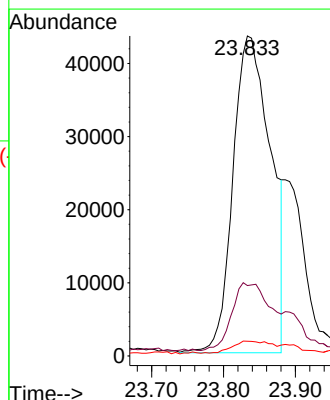
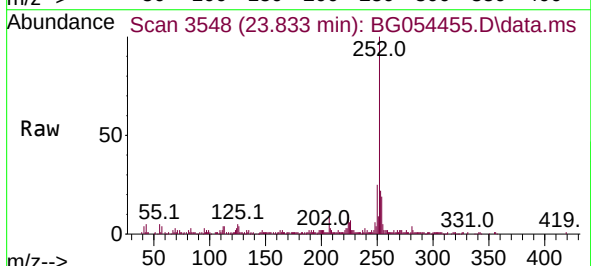
Delta R.T. 0.010 min

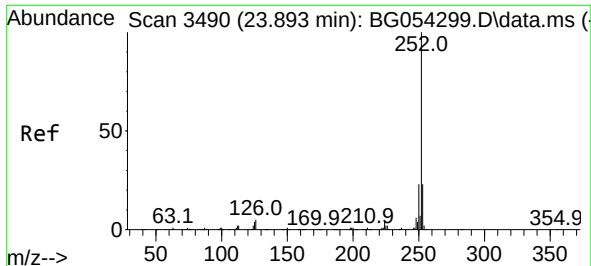
Lab File: BG054455.D

Acq: 29 Jul 2022 18:57

Tgt Ion:252 Resp: 158459

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	4.6	4.6	6.8





#89

Benzo(k)fluoranthene

Concen: 5.484 ng m

RT: 23.880 min Scan# 3

Delta R.T. -0.007 min

Lab File: BG054455.D

Acq: 29 Jul 2022 18:57

Instrument :

BNA_G

ClientSampleId :

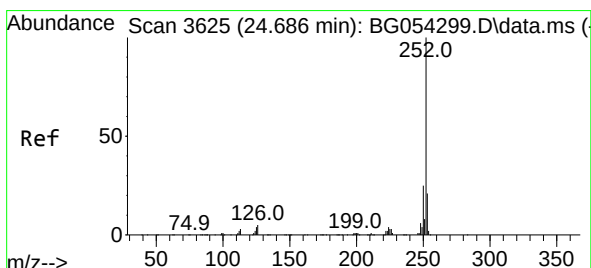
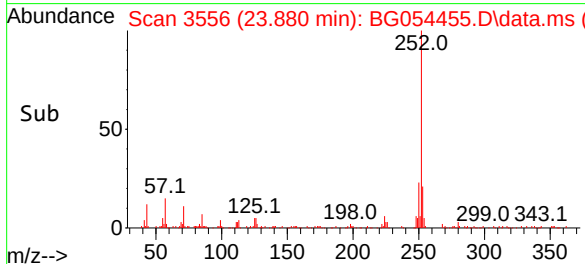
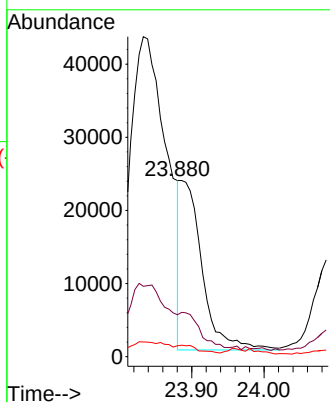
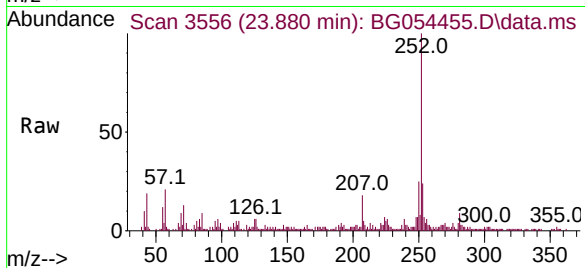
RVE-24

Tgt Ion:252 Resp: 4919
 Ion Ratio Lower Upper
 252 100
 253 23.8 18.4 27.6
 125 6.2 4.8 7.2

Manual Integrations

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Reviewed By :Christian Giraldo 08/01/2022
 Supervised By :Jagrut Upadhyay 08/01/2022



#90

Benzo(a)pyrene

Concen: 17.508 ng m

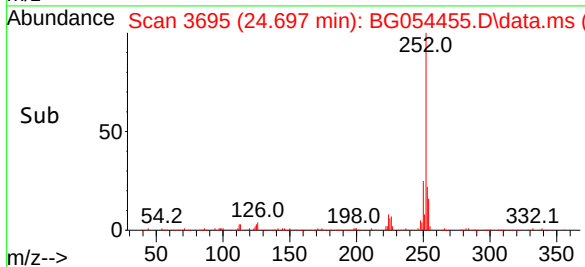
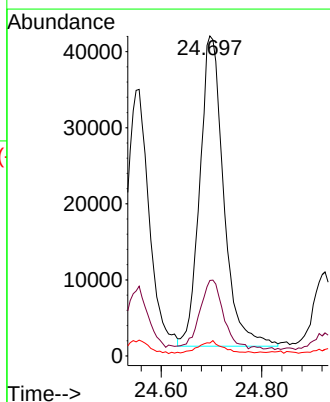
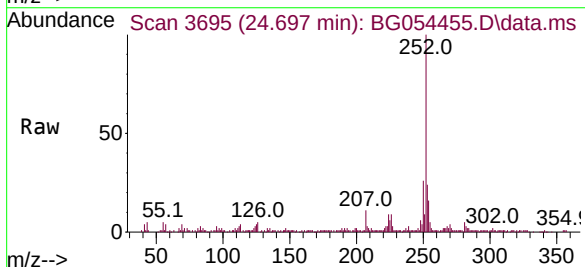
RT: 24.697 min Scan# 3695

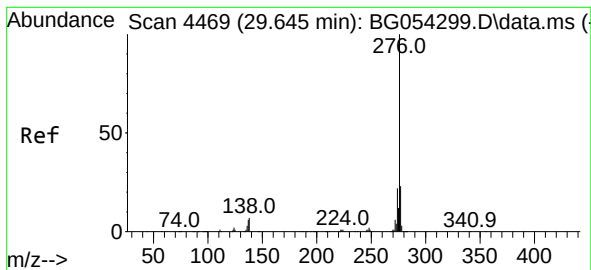
Delta R.T. 0.010 min

Lab File: BG054455.D

Acq: 29 Jul 2022 18:57

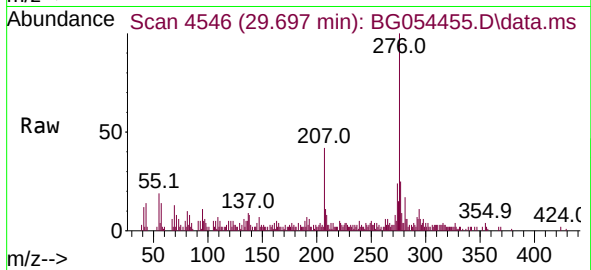
Tgt Ion:252 Resp: 134777
 Ion Ratio Lower Upper
 252 100
 253 23.6 17.8 26.8
 125 4.0 4.3 6.5





#92
 Benzo(g,h,i)perylene
 Concen: 6.967 ng
 RT: 29.697 min Scan# 4546
 Delta R.T. 0.034 min
 Lab File: BG054455.D
 Acq: 29 Jul 2022 18:57

Instrument :
 BNA_G
 ClientSampleId :
 RVE-24



Tgt Ion: 276 Resp: 65564
 Ion Ratio Lower Upper
 276 100
 277 25.1 17.3 25.9
 138 8.2 9.6 14.4

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/01/2022
 Supervised By : Jagrut Upadhyay 08/01/2022

