

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072822\
 Data File : BG054432.D
 Acq On : 28 Jul 2022 15:03
 Operator : CG/JU
 Sample : N3893-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-11

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/29/2022
 Supervised By : Jagrut Upadhyay 07/29/2022

Quant Time: Jul 29 04:08:48 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	7.985	152	17732	20.000	ng	0.00
21) Naphthalene-d8	10.800	136	68298	20.000	ng	# 0.00
39) Acenaphthene-d10	14.625	164	53805	20.000	ng	0.00
64) Phenanthrene-d10	17.369	188	130287	20.000	ng	# 0.00
76) Chrysene-d12	21.634	240	144941	20.000	ng	# 0.00
86) Perylene-d12	24.836	264	155515	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.565	112	91289	107.490	ng	0.00
7) Phenol-d6	7.169	99	126476	108.682	ng	0.00
23) Nitrobenzene-d5	9.149	82	85304	68.017	ng	0.00
42) 2,4,6-Tribromophenol	16.117	330	116385	103.022	ng	0.00
45) 2-Fluorobiphenyl	13.244	172	265281	69.553	ng	0.00
79) Terphenyl-d14	19.977	244	542420	74.241	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.419	202	24955	2.822	ng	97
78) Pyrene	19.783	202	44940	5.404	ng	99
83) Chrysene	21.681	228	29870	3.436	ng	# 92
88) Benzo(b)fluoranthene	23.826	252	39490	4.294	ng	98
90) Benzo(a)pyrene	24.683	252	34611	4.407	ng	95
92) Benzo(g,h,i)perylene	29.648	276	32540m	3.389	ng	

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

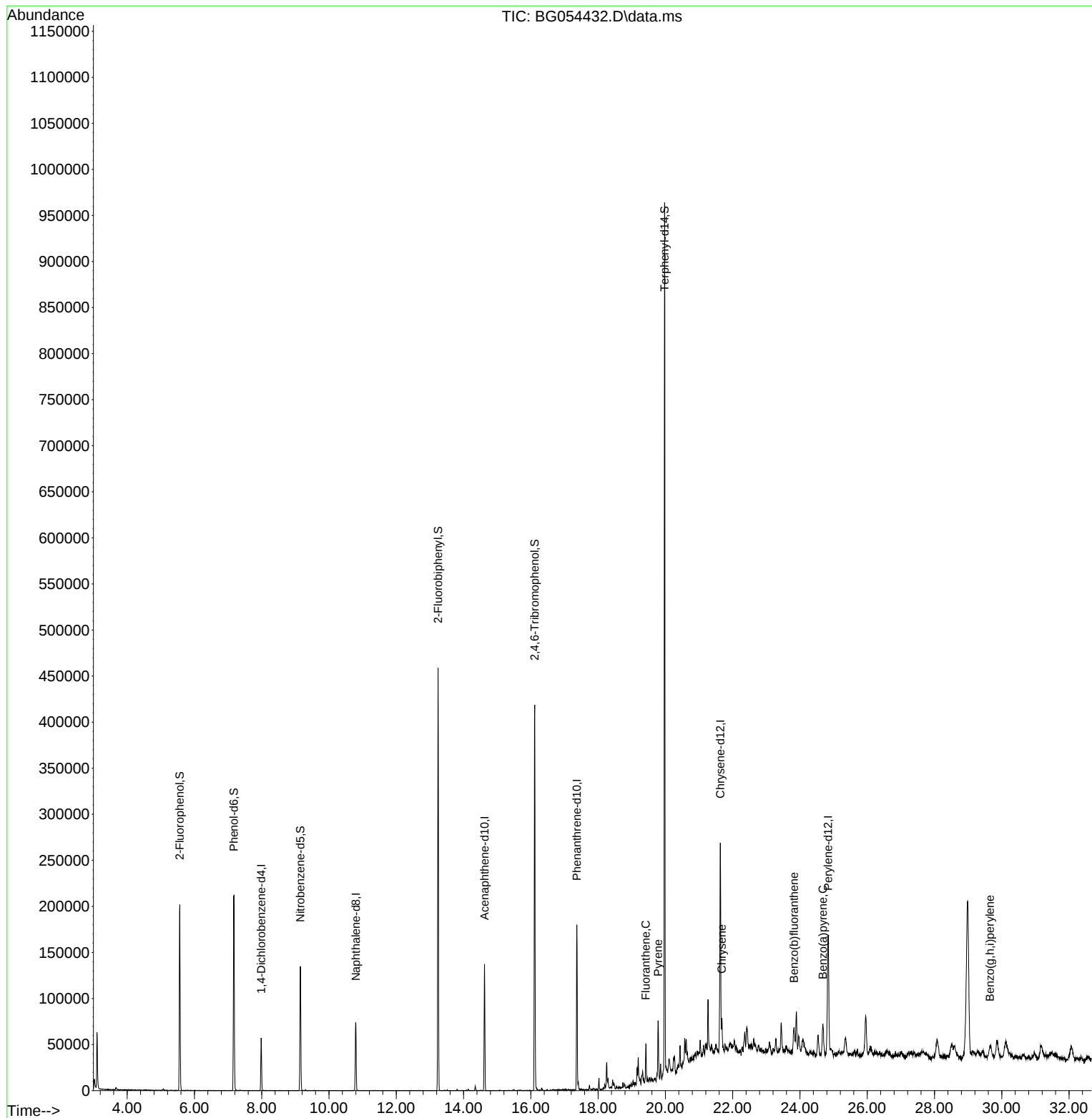
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072822\
Data File : BG054432.D
Acq On : 28 Jul 2022 15:03
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ALS Vial : 8 Sample Multiplier: 1

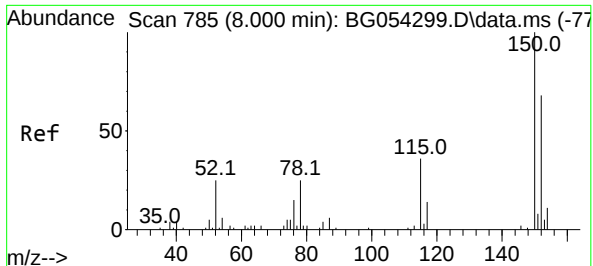
Instrument :
BNA_G
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Quant Time: Jul 29 04:08:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
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QLast Update : Thu Jul 28 04:30:50 2022
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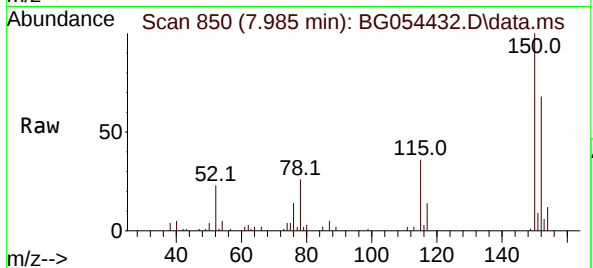
Reviewed By : Christian Giraldo 07/29/2022
Supervised By : Jagrut Upadhyay 07/29/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.985 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG054432.D
Acq: 28 Jul 2022 15:03

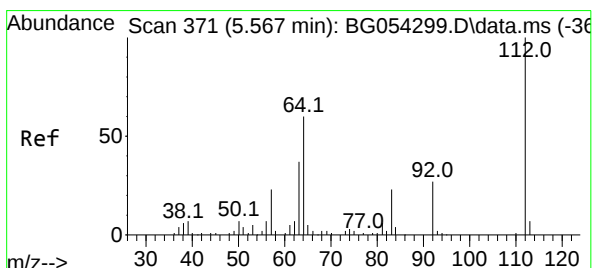
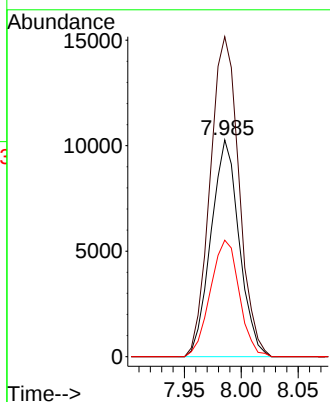
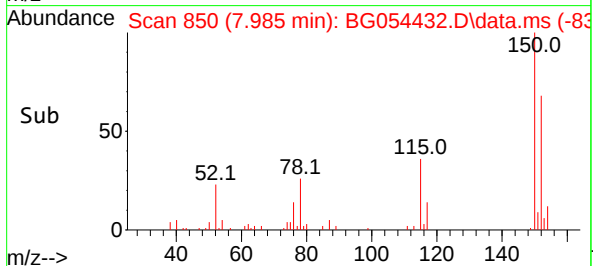
Instrument :
BNA_G
ClientSampleId :
RVE-11



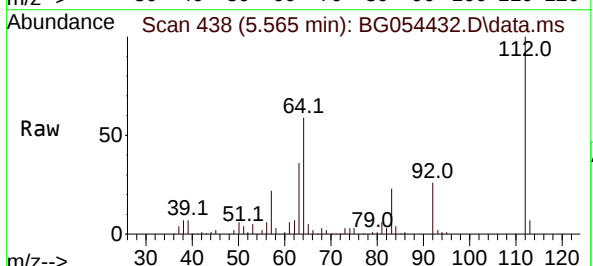
Tgt Ion:152 Resp: 1773
Ion Ratio Lower Upper
152 100
150 147.6 131.6 197.4
115 53.7 50.9 76.3

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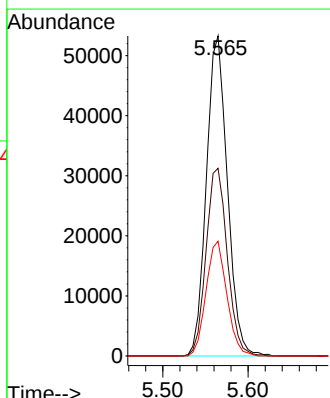
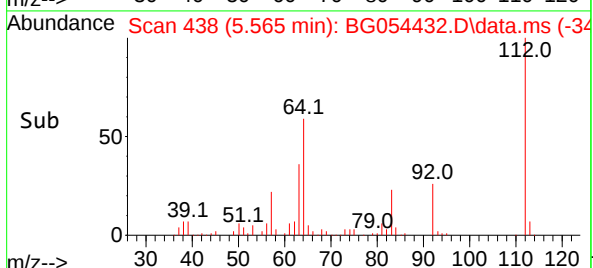
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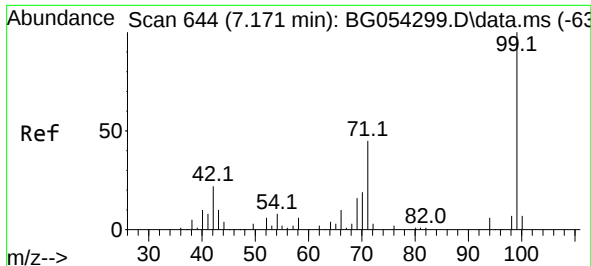


#5
2-Fluorophenol
Concen: 107.490 ng
RT: 5.565 min Scan# 438
Delta R.T. 0.003 min
Lab File: BG054432.D
Acq: 28 Jul 2022 15:03



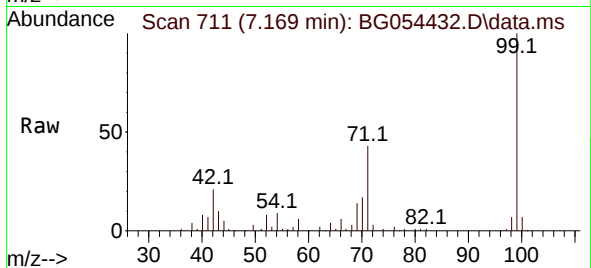
Tgt Ion:112 Resp: 91289
Ion Ratio Lower Upper
112 100
64 58.7 55.1 82.7
63 35.8 30.4 45.6





#7
Phenol-d6
Concen: 108.682 ng
RT: 7.169 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG054432.D
Acq: 28 Jul 2022 15:03

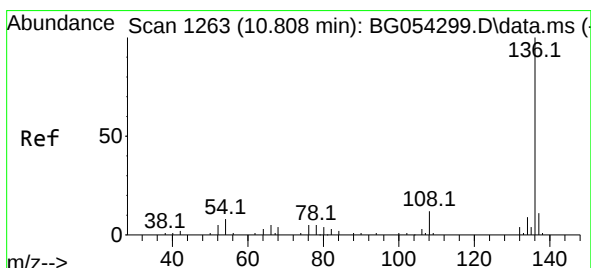
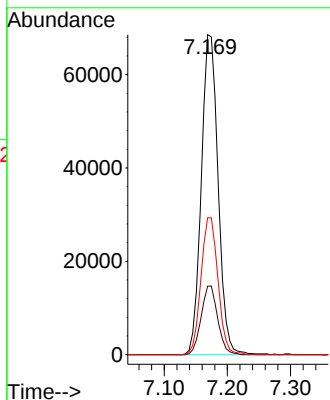
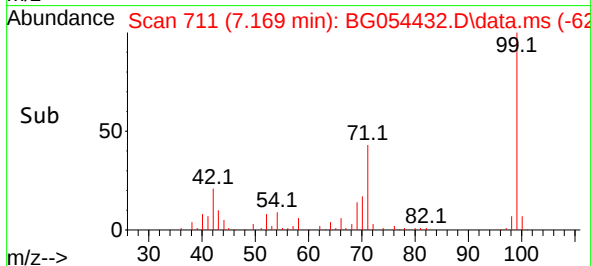
Instrument :
BNA_G
ClientSampleId :
RVE-11



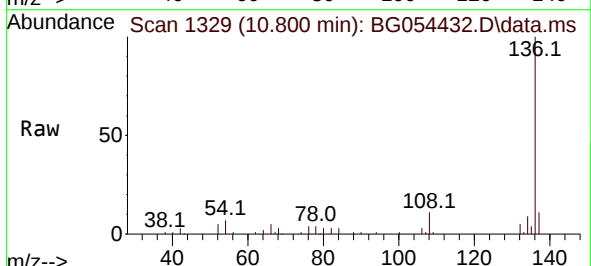
Tgt Ion: 99 Resp: 126470
Ion Ratio Lower Upper
99 100
42 21.4 17.0 25.6
71 42.8 33.8 50.8

Manual Integrations
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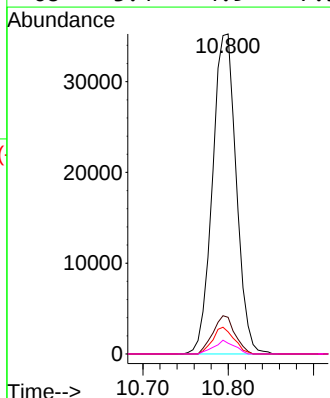
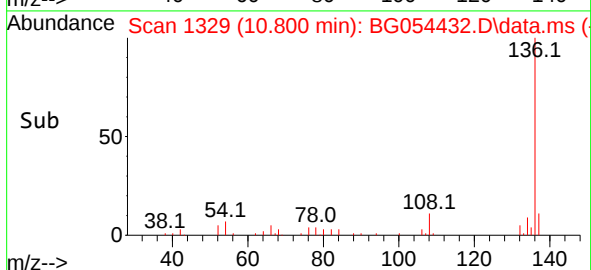
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

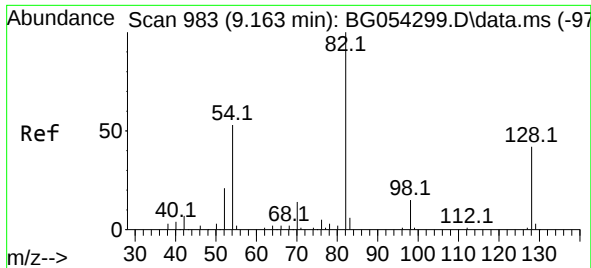


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.800 min Scan# 1329
Delta R.T. 0.003 min
Lab File: BG054432.D
Acq: 28 Jul 2022 15:03



Tgt Ion:136 Resp: 68298
Ion Ratio Lower Upper
136 100
137 11.5 8.5 12.7
54 6.9 7.4 11.2#
68 3.4 4.9 7.3#





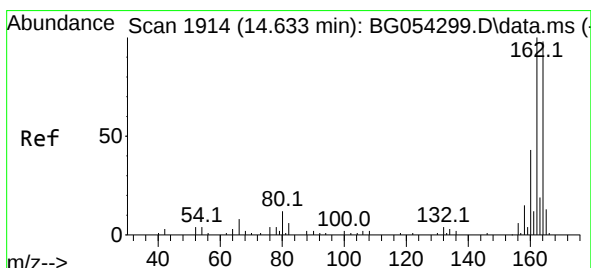
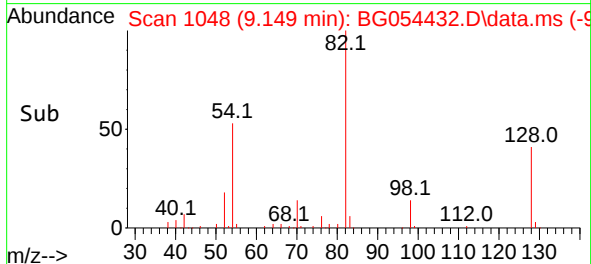
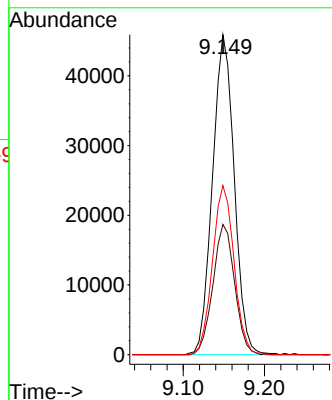
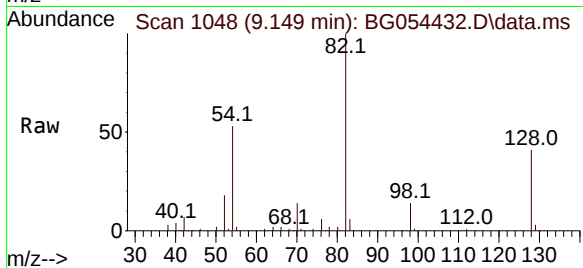
#23
Nitrobenzene-d5
Concen: 68.017 ng
RT: 9.149 min Scan# 1048
Delta R.T. -0.003 min
Lab File: BG054432.D
Acq: 28 Jul 2022 15:03

Instrument :
BNA_G
ClientSampleId :
RVE-11

Tgt Ion: 82 Resp: 85304
Ion Ratio Lower Upper
82 100
128 40.7 27.9 41.9
54 52.8 41.2 61.8

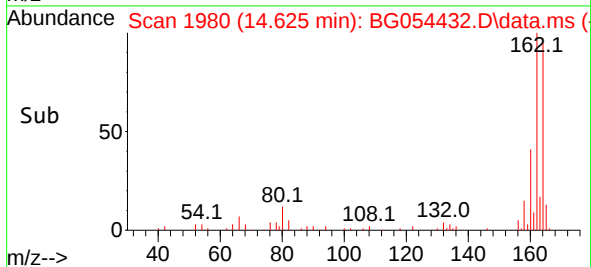
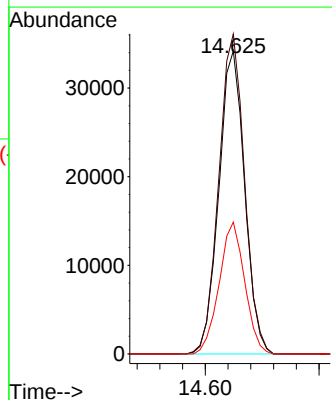
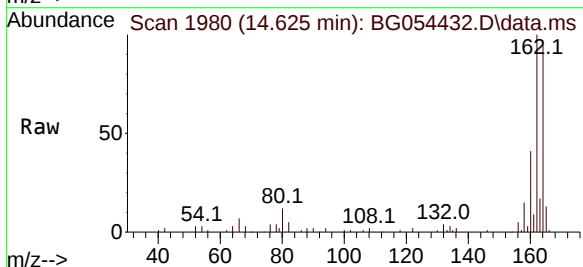
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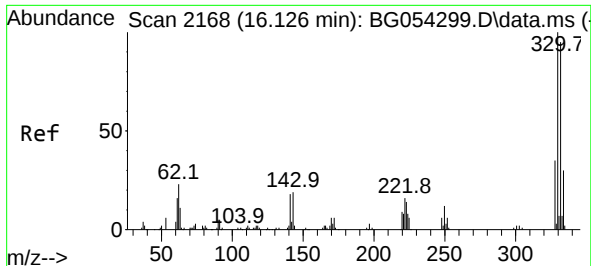
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Supervised By :Jagrut Upadhyay 07/29/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.625 min Scan# 1980
Delta R.T. 0.003 min
Lab File: BG054432.D
Acq: 28 Jul 2022 15:03

Tgt Ion:164 Resp: 53805
Ion Ratio Lower Upper
164 100
162 105.6 82.3 123.5
160 43.5 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 103.022 ng
RT: 16.117 min Scan# 2168
Delta R.T. 0.003 min
Lab File: BG054432.D
Acq: 28 Jul 2022 15:03

Instrument :

BNA_G

ClientSampleId :

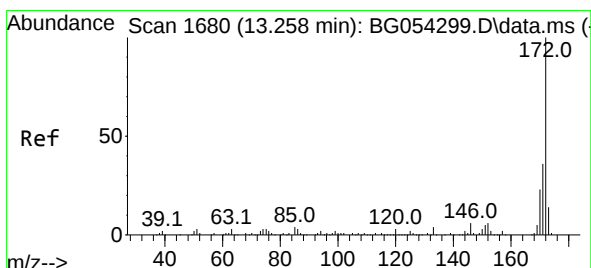
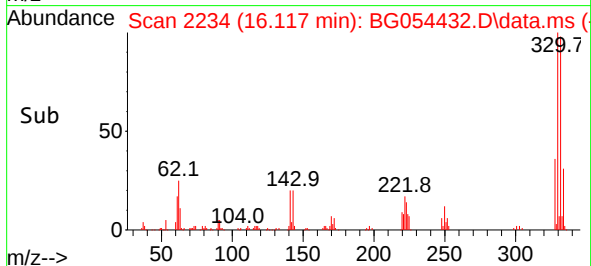
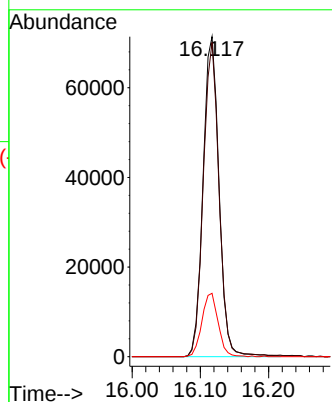
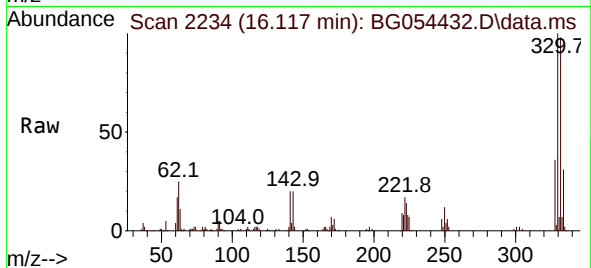
RVE-11

Tgt Ion:330 Resp: 11638
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 20.2 27.1 40.7

Manual Integrations

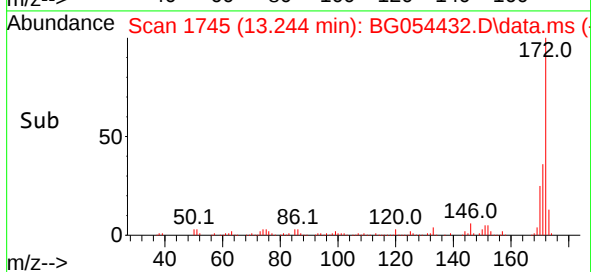
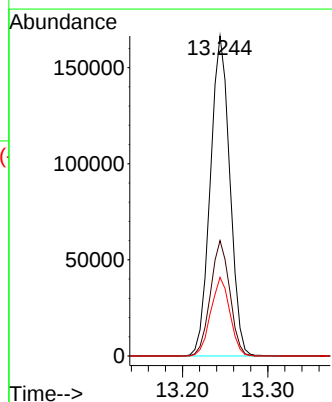
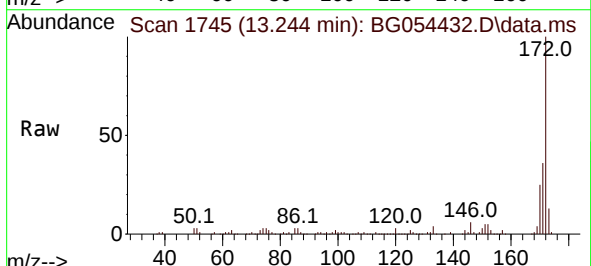
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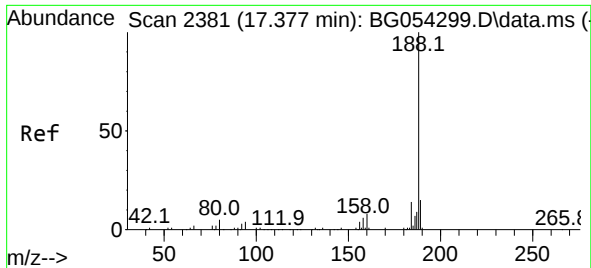
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#45
2-Fluorobiphenyl
Concen: 69.553 ng
RT: 13.244 min Scan# 1745
Delta R.T. -0.003 min
Lab File: BG054432.D
Acq: 28 Jul 2022 15:03

Tgt Ion:172 Resp: 265281
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 24.5 18.9 28.3





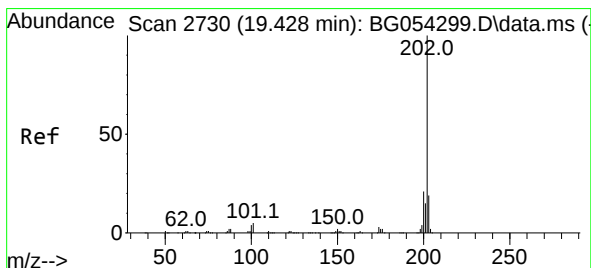
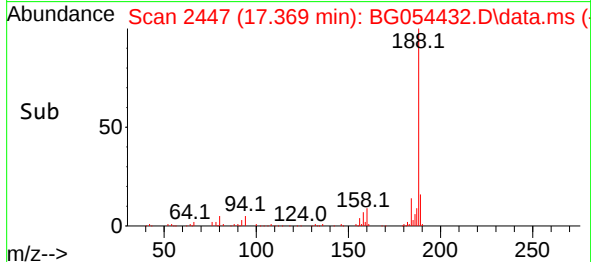
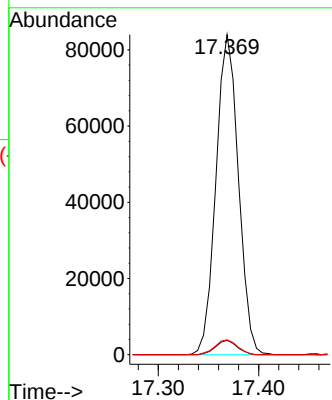
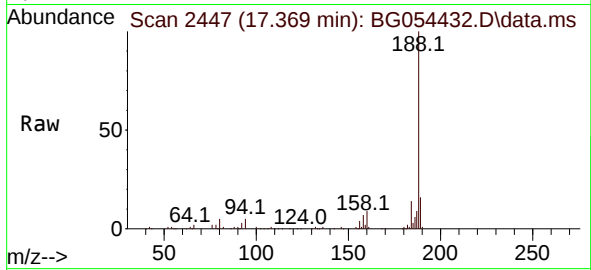
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.369 min Scan# 2447
Delta R.T. -0.003 min
Lab File: BG054432.D
Acq: 28 Jul 2022 15:03

Instrument :
BNA_G
ClientSampleId :
RVE-11

Tgt Ion:188 Resp: 13028
Ion Ratio Lower Upper
188 100
94 4.5 5.4 8.0
80 4.6 6.8 10.2

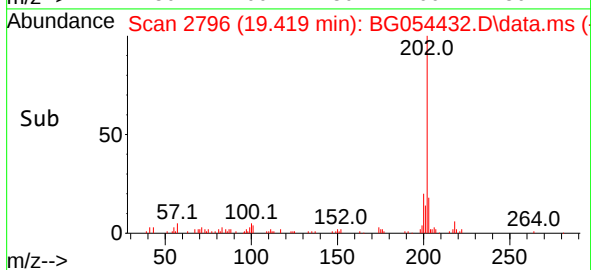
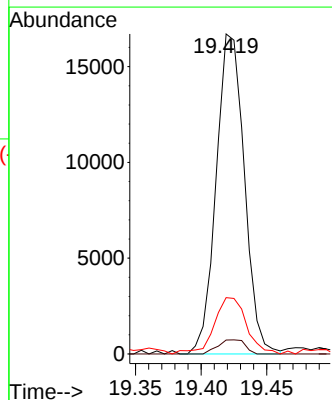
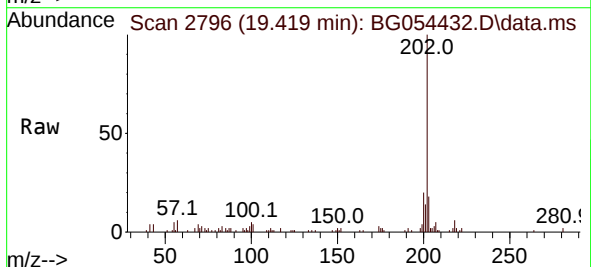
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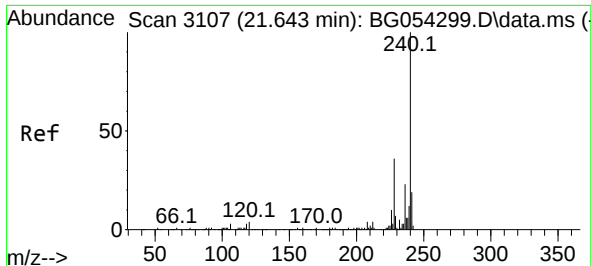
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#75
Fluoranthene
Concen: 2.822 ng
RT: 19.419 min Scan# 2796
Delta R.T. -0.003 min
Lab File: BG054432.D
Acq: 28 Jul 2022 15:03

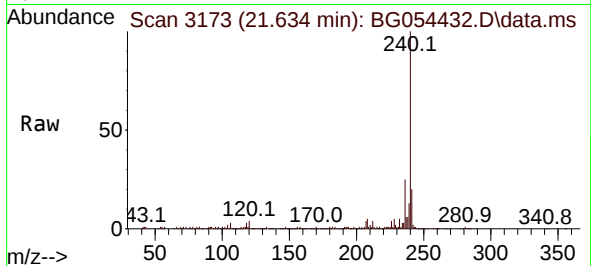
Tgt Ion:202 Resp: 24955
Ion Ratio Lower Upper
202 100
101 4.4 0.0 26.9
203 17.6 0.0 37.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.634 min Scan# 3107
Delta R.T. -0.003 min
Lab File: BG054432.D
Acq: 28 Jul 2022 15:03

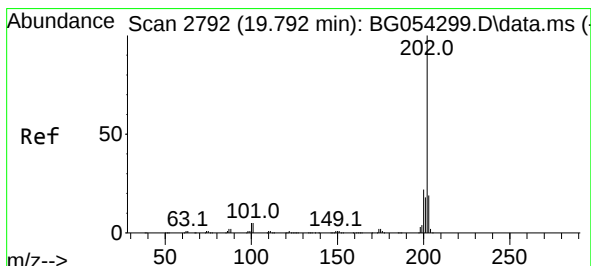
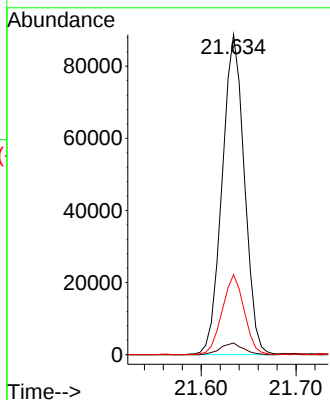
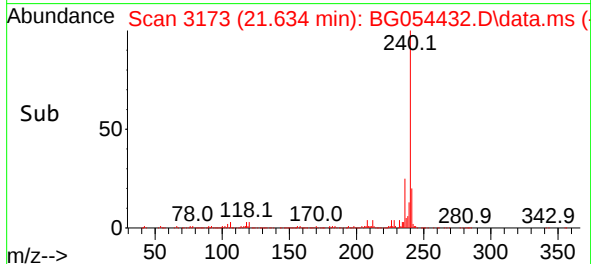
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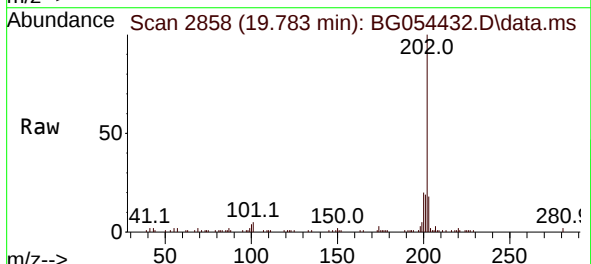
Tgt Ion:240 Resp: 14494
Ion Ratio Lower Upper
240 100
120 3.7 4.6 7.0
236 25.0 20.2 30.4

Manual Integrations
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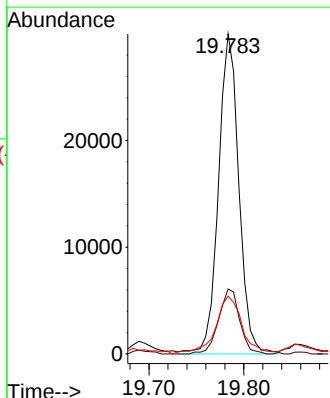
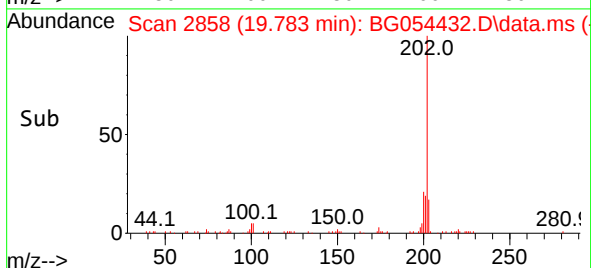
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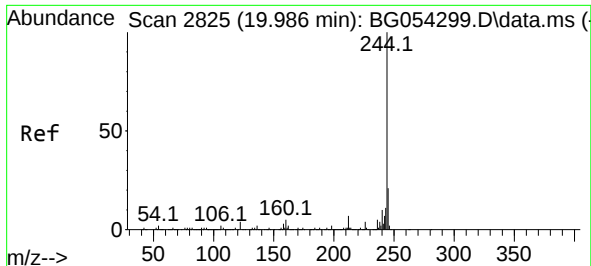


#78
Pyrene
Concen: 5.404 ng
RT: 19.783 min Scan# 2858
Delta R.T. -0.003 min
Lab File: BG054432.D
Acq: 28 Jul 2022 15:03



Tgt Ion:202 Resp: 44940
Ion Ratio Lower Upper
202 100
200 20.3 16.6 24.8
203 18.1 14.6 21.8





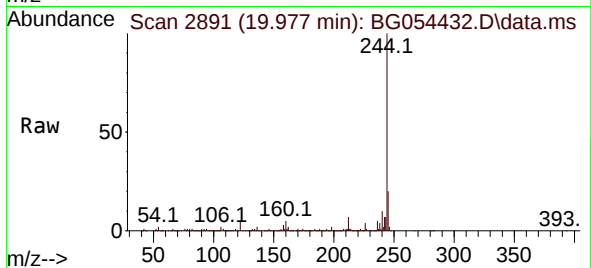
#79
 Terphenyl-d14
 Concen: 74.241 ng
 RT: 19.977 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG054432.D
 Acq: 28 Jul 2022 15:03

Instrument :

BNA_G

ClientSampleId :

RVE-11

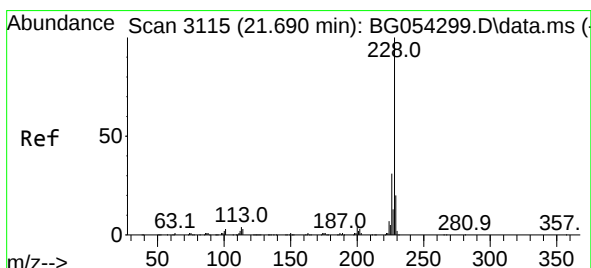
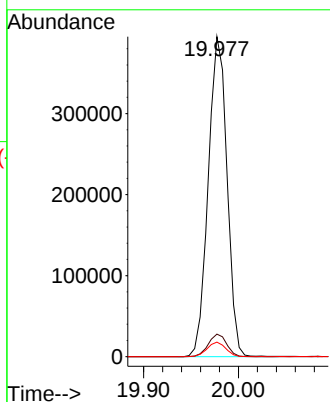
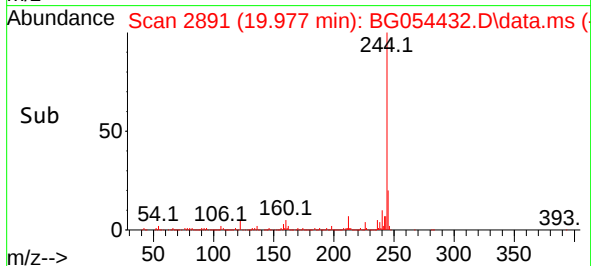


Tgt Ion:244 Resp: 542420
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 4.5 5.0 7.4

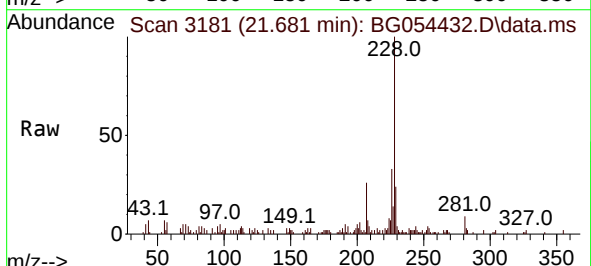
Manual Integrations

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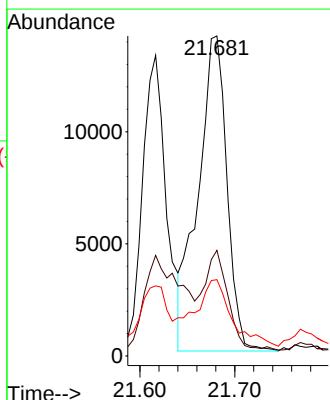
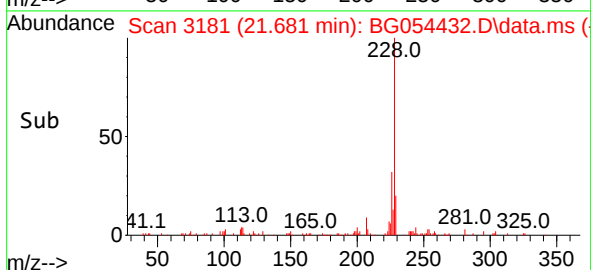
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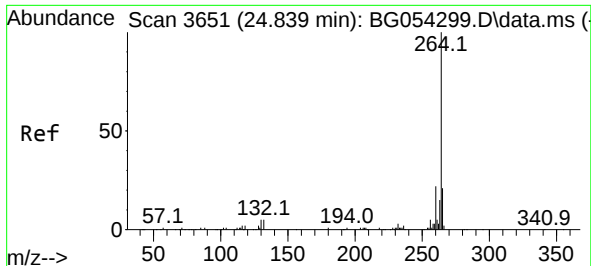


#83
 Chrysene
 Concen: 3.436 ng
 RT: 21.681 min Scan# 3181
 Delta R.T. -0.003 min
 Lab File: BG054432.D
 Acq: 28 Jul 2022 15:03



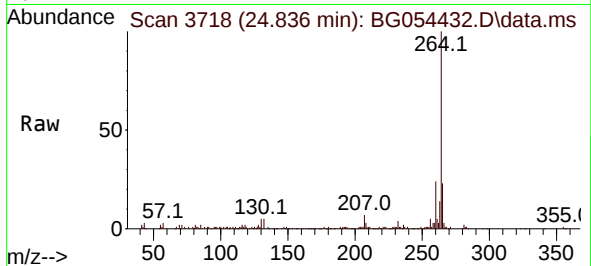
Tgt Ion:228 Resp: 29870
 Ion Ratio Lower Upper
 228 100
 226 33.0 23.4 35.2
 229 23.9 15.5 23.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.836 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG054432.D
Acq: 28 Jul 2022 15:03

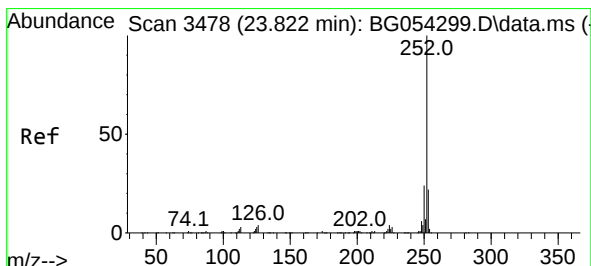
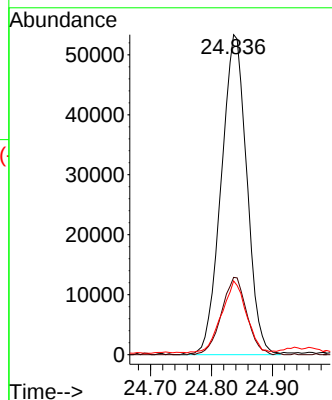
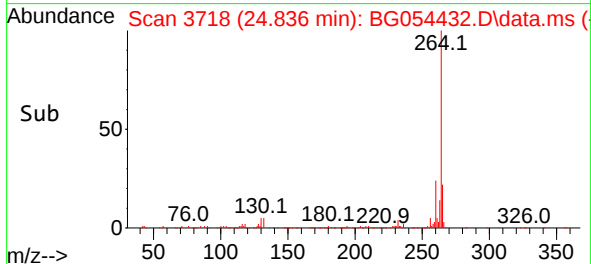
Instrument :
BNA_G
ClientSampleId :
RVE-11



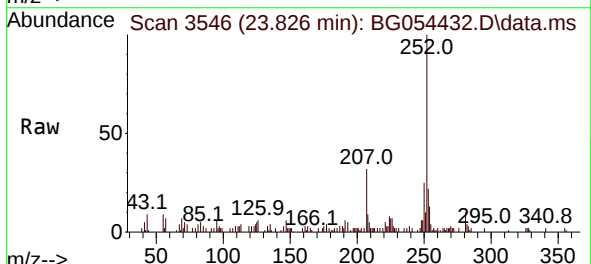
Tgt Ion:264 Resp: 15551
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 23.0 17.4 26.2

Manual Integrations
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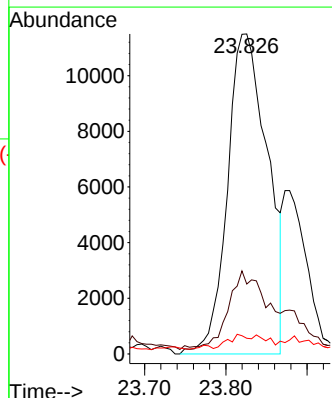
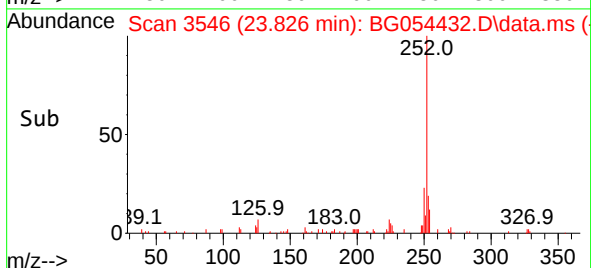
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

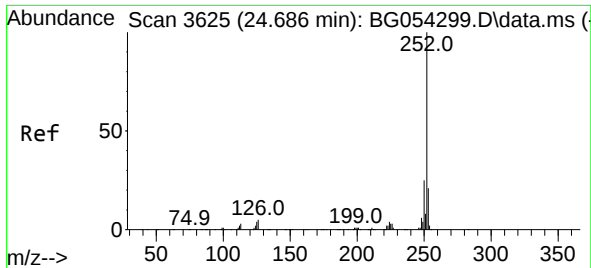


#88
Benzo(b)fluoranthene
Concen: 4.294 ng
RT: 23.826 min Scan# 3546
Delta R.T. 0.003 min
Lab File: BG054432.D
Acq: 28 Jul 2022 15:03



Tgt Ion:252 Resp: 39490
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 4.9 4.6 6.8





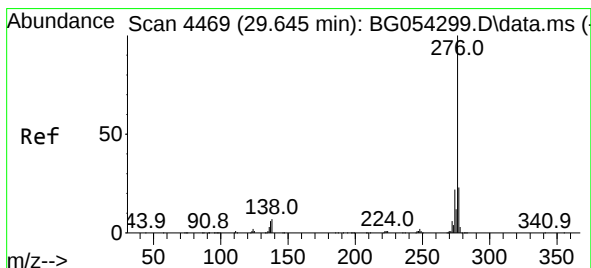
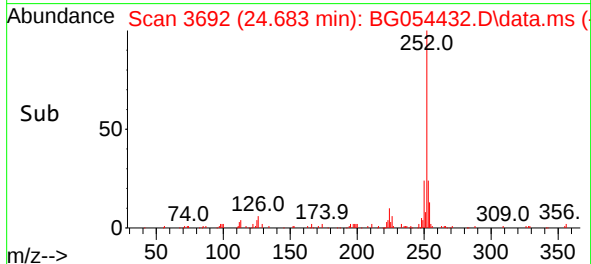
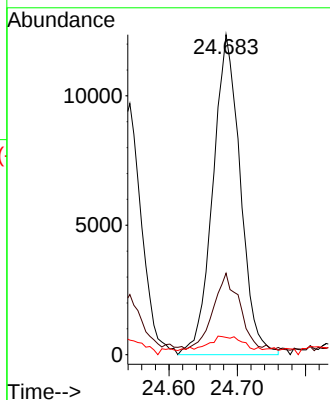
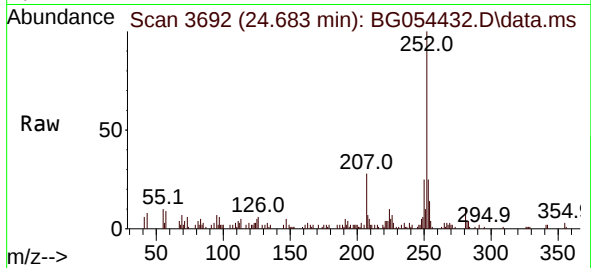
#90
Benzo(a)pyrene
Concen: 4.407 ng
RT: 24.683 min Scan# 30
Delta R.T. -0.003 min
Lab File: BG054432.D
Acq: 28 Jul 2022 15:03

Instrument :
BNA_G
ClientSampleId :
RVE-11

Tgt Ion:252 Resp: 3461
Ion Ratio Lower Upper
252 100
253 25.5 17.8 26.8
125 5.4 4.3 6.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#92
Benzo(g,h,i)perylene
Concen: 3.389 ng m
RT: 29.648 min Scan# 4537
Delta R.T. -0.015 min
Lab File: BG054432.D
Acq: 28 Jul 2022 15:03

Tgt Ion:276 Resp: 32540
Ion Ratio Lower Upper
276 100
277 24.0 17.3 25.9
138 5.9 9.6 14.4#

