

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080422\
 Data File : BG054524.D
 Acq On : 4 Aug 2022 18:27
 Operator : CG/JU
 Sample : N3930-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-97

Quant Time: Aug 05 05:02:50 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

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 08/05/2022
 Supervised By :Jagrut Upadhyay 08/05/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.985	152	19347	20.00	ng	0.00
21) Naphthalene-d8	10.793	136	72121	20.00	ng	# 0.00
39) Acenaphthene-d10	14.624	164	53445	20.00	ng	0.00
64) Phenanthrene-d10	17.368	188	125580	20.00	ng	# 0.00
76) Chrysene-d12	21.639	240	134212	20.00	ng	# 0.00
86) Perylene-d12	24.853	264	116691	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.570	112	111489	120.32	ng	0.00
7) Phenol-d6	7.186	99	151373	119.22	ng	0.01
23) Nitrobenzene-d5	9.148	82	103006	77.78	ng	0.00
42) 2,4,6-Tribromophenol	16.122	330	127056	113.23	ng	0.00
45) 2-Fluorobiphenyl	13.243	172	308929	81.54	ng	0.00
79) Terphenyl-d14	19.977	244	556673	82.28	ng	0.00
Target Compounds						
71) Phenanthrene	17.415	178	15716	2.51	ng	Qvalue 96
75) Fluoranthene	19.424	202	27739	3.25	ng	93
78) Pyrene	19.789	202	44082	5.72	ng	98
83) Chrysene	21.686	228	24339m	3.02	ng	
88) Benzo(b)fluoranthene	23.837	252	23297m	3.38	ng	
90) Benzo(a)pyrene	24.706	252	18289	3.10	ng	# 89

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

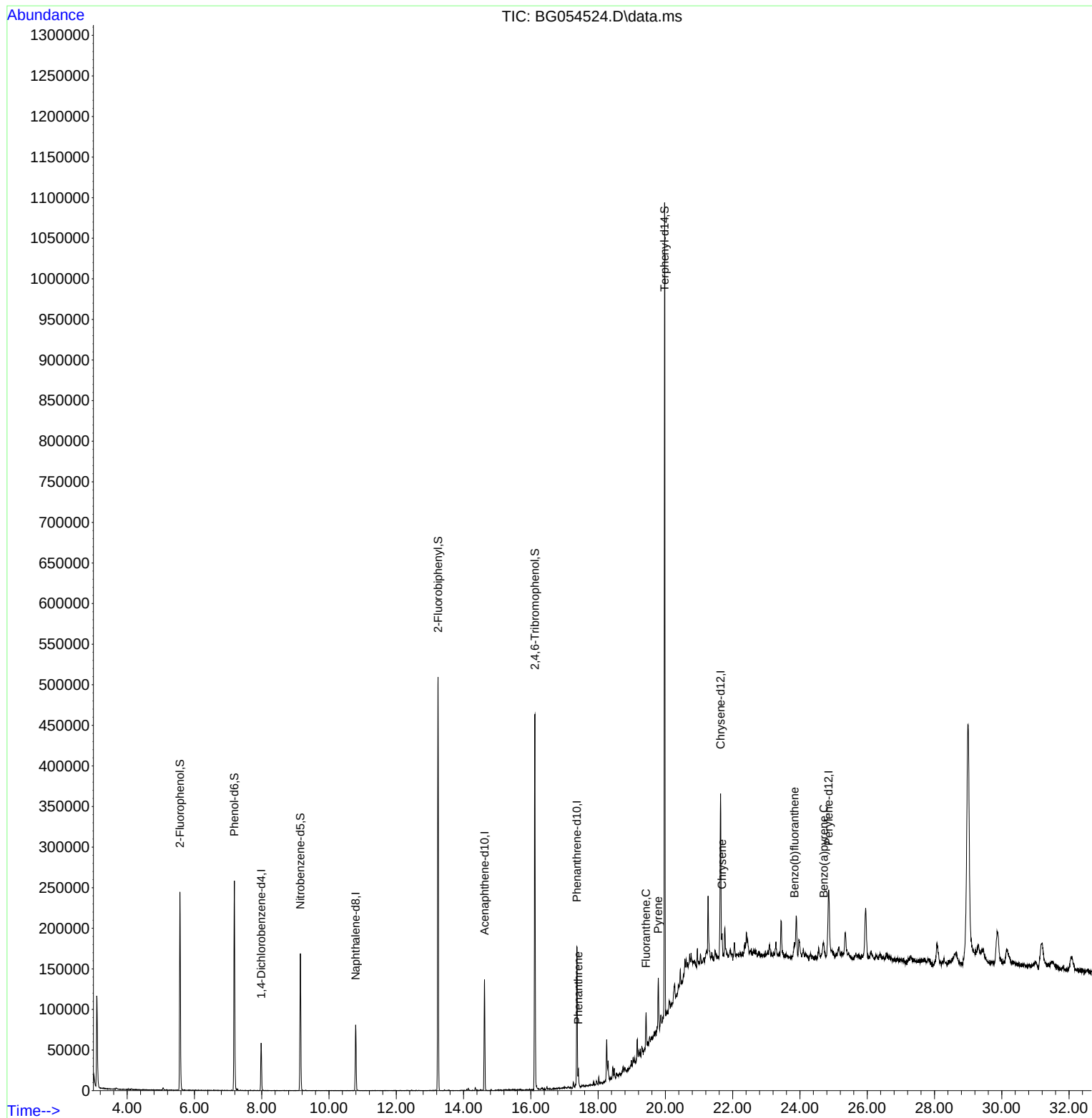
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080422\
Data File : BG054524.D
Acq On : 4 Aug 2022 18:27
Operator : CG/JU
Sample : N3930-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

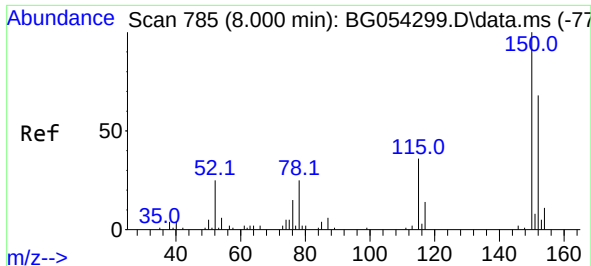
Instrument :
BNA_G
ClientSampleId :
RVE-97

Quant Time: Aug 05 05:02:50 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

Manual Integrations
APPROVED

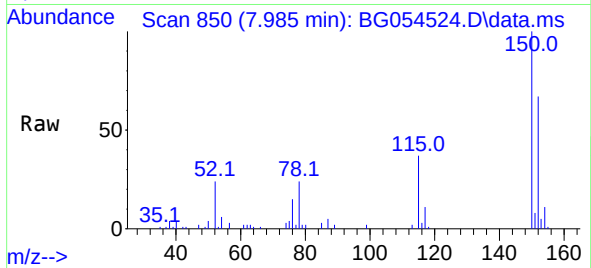
Reviewed By : Christian Giraldo 08/05/2022
Supervised By : Jagrut Upadhyay 08/05/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.985 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG054524.D
Acq: 4 Aug 2022 18:27

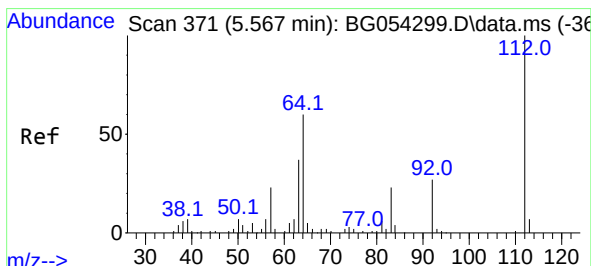
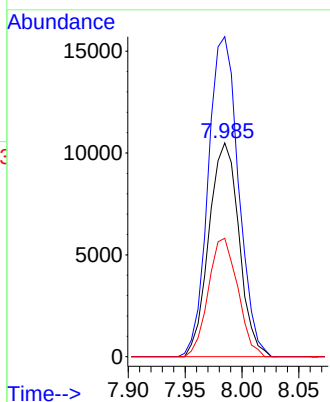
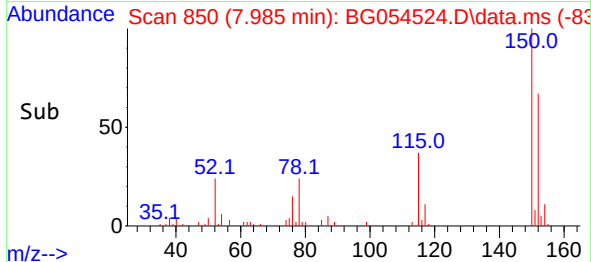
Instrument :
BNA_G
ClientSampleId :
RVE-97



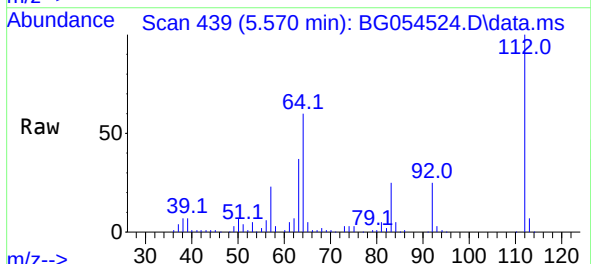
Tgt Ion:152 Resp: 1934
Ion Ratio Lower Upper
152 100
150 149.6 131.6 197.4
115 55.4 50.9 76.3

Manual Integrations
APPROVED

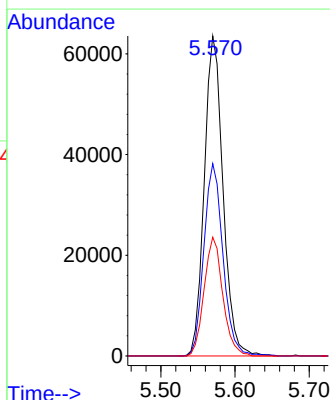
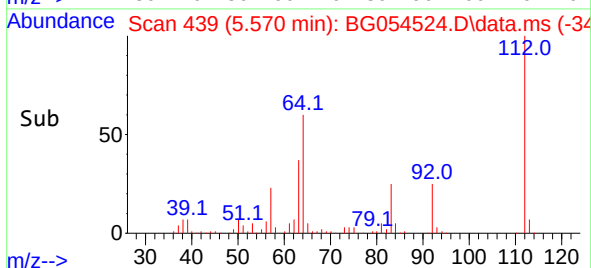
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

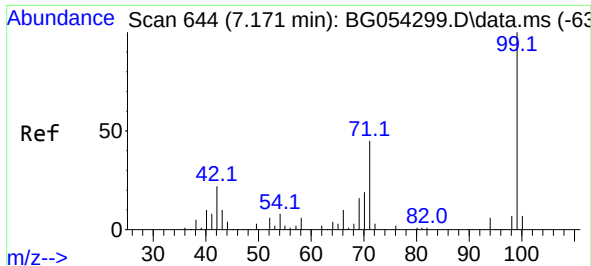


#5
2-Fluorophenol
Concen: 120.32 ng
RT: 5.570 min Scan# 439
Delta R.T. 0.008 min
Lab File: BG054524.D
Acq: 4 Aug 2022 18:27



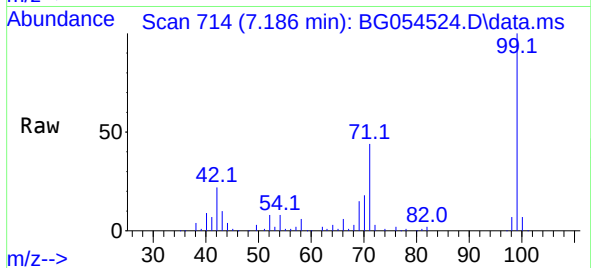
Tgt Ion:112 Resp: 111489
Ion Ratio Lower Upper
112 100
64 60.1 55.1 82.7
63 37.1 30.4 45.6





#7
Phenol-d6
Concen: 119.22 ng
RT: 7.186 min Scan# 71
Delta R.T. 0.014 min
Lab File: BG054524.D
Acq: 4 Aug 2022 18:27

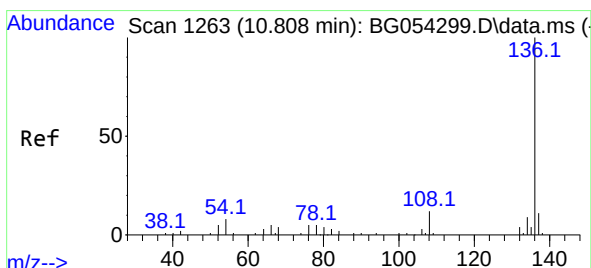
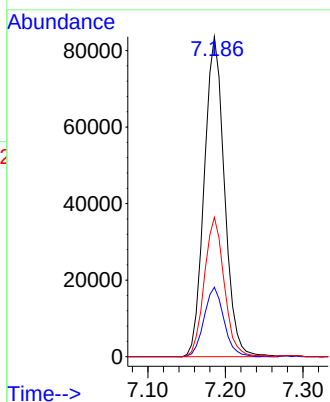
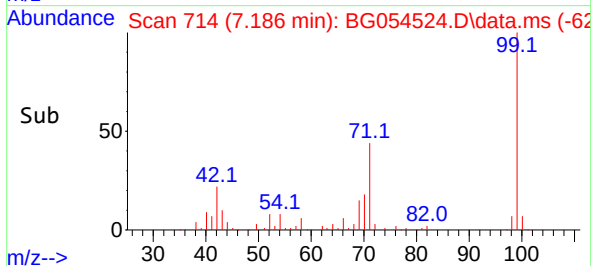
Instrument :
BNA_G
ClientSampleId :
RVE-97



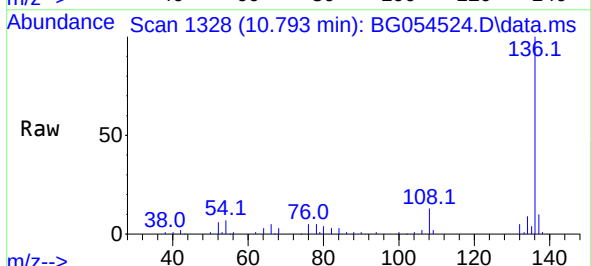
Tgt Ion: 99 Resp: 15137
Ion Ratio Lower Upper
99 100
42 21.7 17.0 25.6
71 43.6 33.8 50.8

Manual Integrations
APPROVED

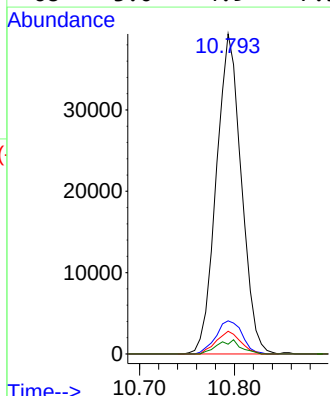
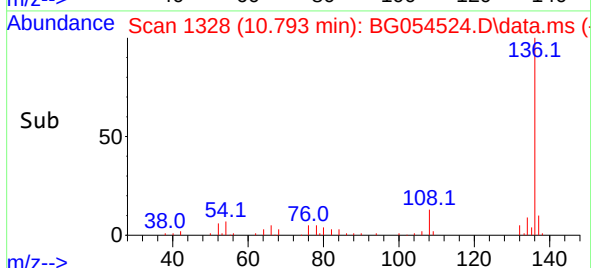
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

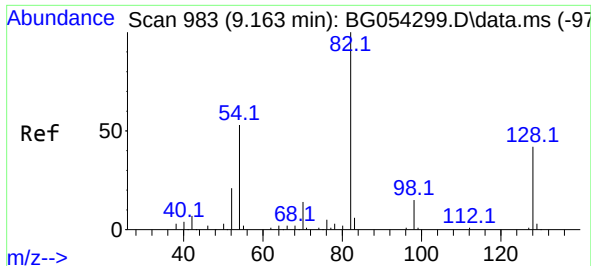


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.793 min Scan# 1328
Delta R.T. -0.004 min
Lab File: BG054524.D
Acq: 4 Aug 2022 18:27



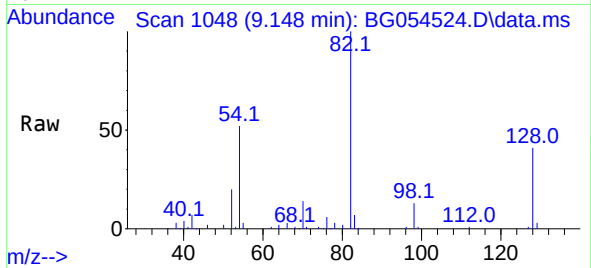
Tgt Ion:136 Resp: 72121
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 7.1 7.4 11.2#
68 3.0 4.9 7.3#





#23
Nitrobenzene-d5
Concen: 77.78 ng
RT: 9.148 min Scan# 1048
Delta R.T. -0.004 min
Lab File: BG054524.D
Acq: 4 Aug 2022 18:27

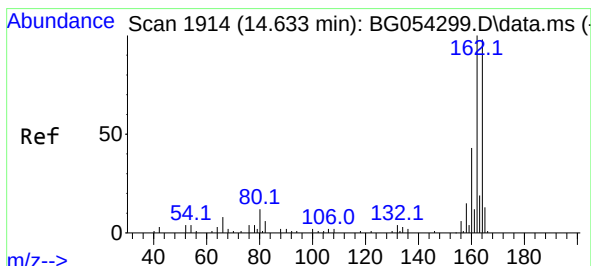
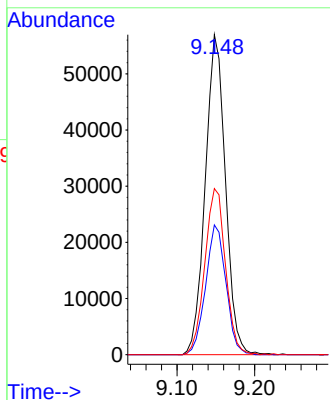
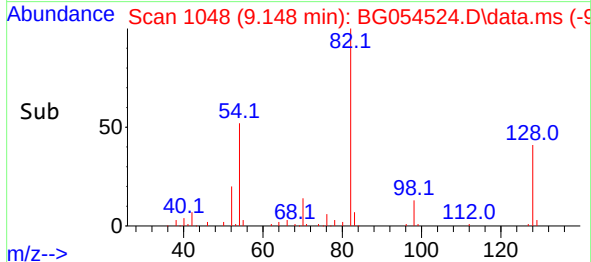
Instrument :
BNA_G
ClientSampleId :
RVE-97



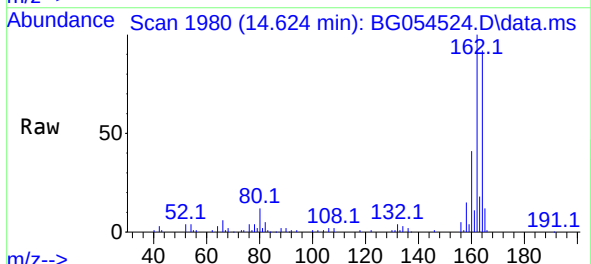
Tgt Ion: 82 Resp: 103000
Ion Ratio Lower Upper
82 100
128 40.5 27.9 41.9
54 51.9 41.2 61.8

Manual Integrations
APPROVED

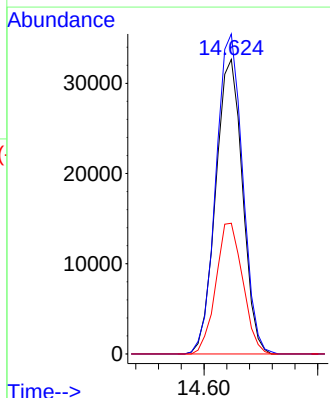
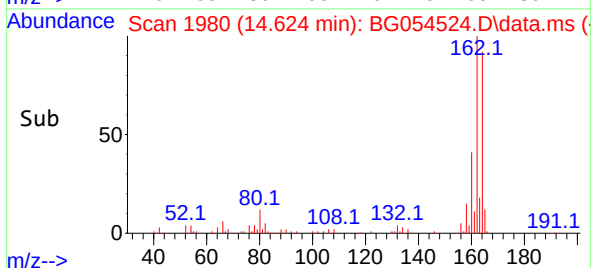
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

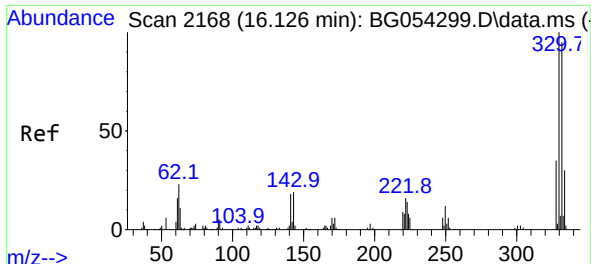


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.624 min Scan# 1980
Delta R.T. 0.002 min
Lab File: BG054524.D
Acq: 4 Aug 2022 18:27



Tgt Ion:164 Resp: 53445
Ion Ratio Lower Upper
164 100
162 108.6 82.3 123.5
160 44.4 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 113.23 ng
RT: 16.122 min Scan# 2168
Delta R.T. 0.008 min
Lab File: BG054524.D
Acq: 4 Aug 2022 18:27

Instrument :

BNA_G

ClientSampleId :

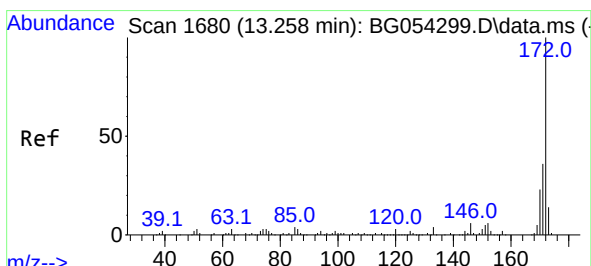
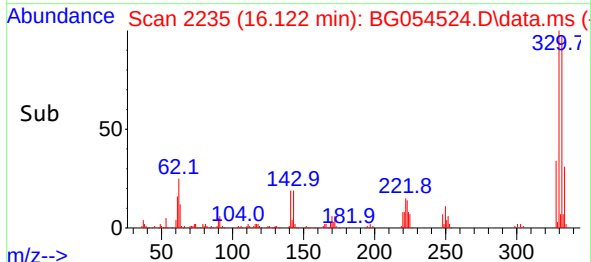
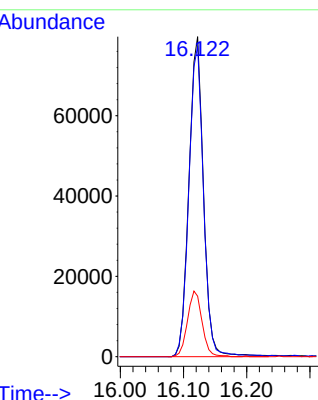
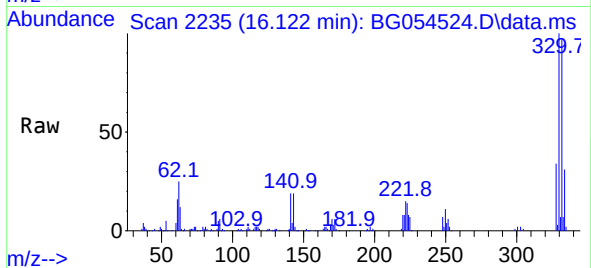
RVE-97

Tgt Ion:330 Resp: 127050
Ion Ratio Lower Upper
330 100
332 97.9 76.0 114.0
141 20.6 27.1 40.7

Manual Integrations

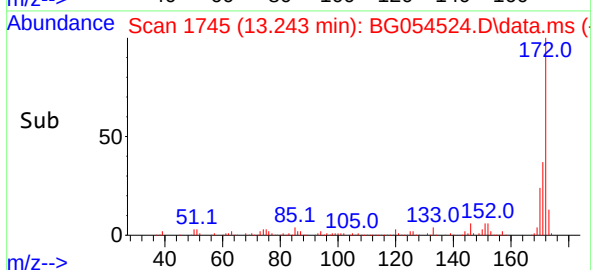
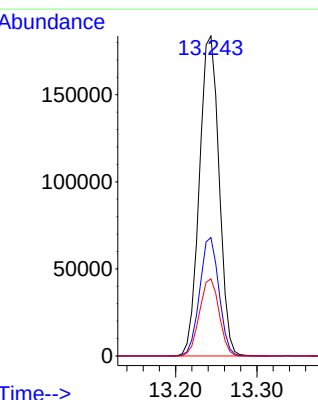
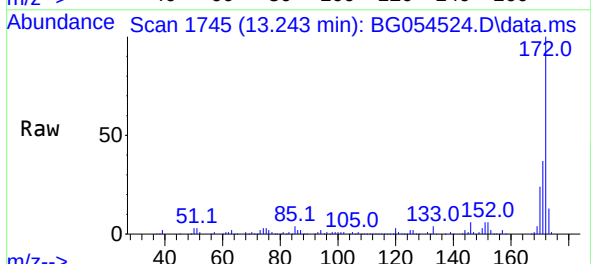
APPROVED

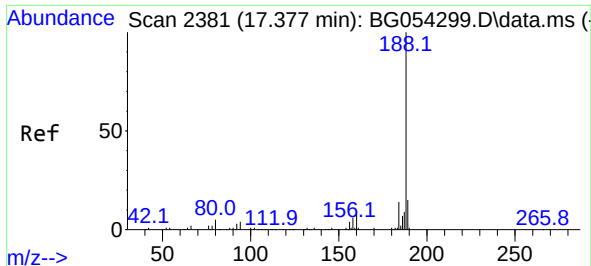
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#45
2-Fluorobiphenyl
Concen: 81.54 ng
RT: 13.243 min Scan# 1745
Delta R.T. -0.004 min
Lab File: BG054524.D
Acq: 4 Aug 2022 18:27

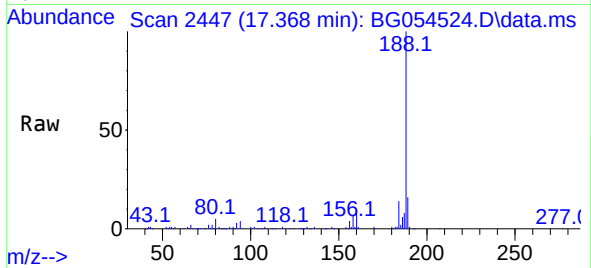
Tgt Ion:172 Resp: 308929
Ion Ratio Lower Upper
172 100
171 37.0 28.5 42.7
170 24.1 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.368 min Scan# 2447
Delta R.T. -0.004 min
Lab File: BG054524.D
Acq: 4 Aug 2022 18:27

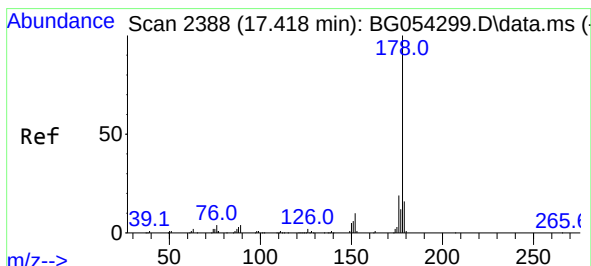
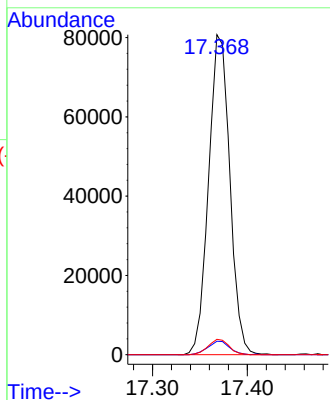
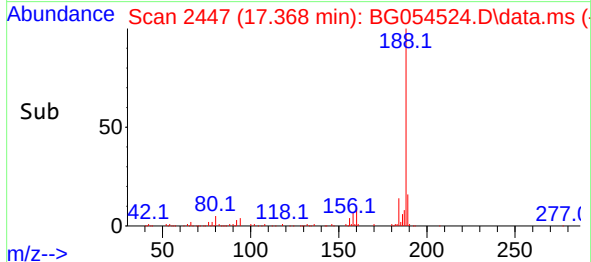
Instrument :
BNA_G
ClientSampleId :
RVE-97



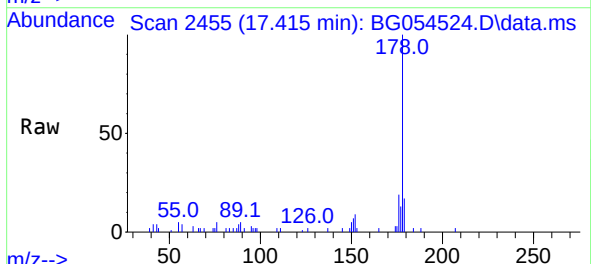
Tgt Ion:188 Resp: 125580
Ion Ratio Lower Upper
188 100
94 4.2 5.4 8.0
80 4.8 6.8 10.2

Manual Integrations
APPROVED

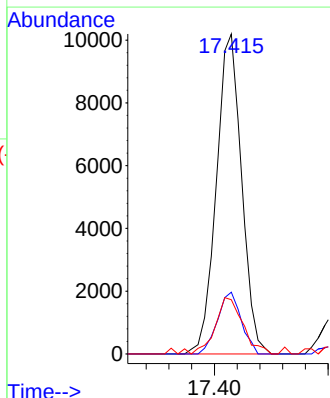
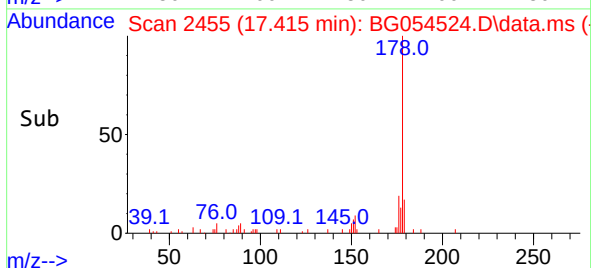
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

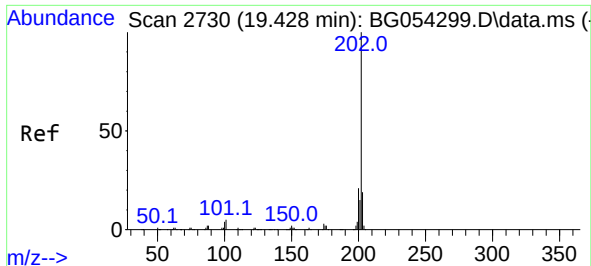


#71
Phenanthrene
Concen: 2.51 ng
RT: 17.415 min Scan# 2455
Delta R.T. 0.002 min
Lab File: BG054524.D
Acq: 4 Aug 2022 18:27



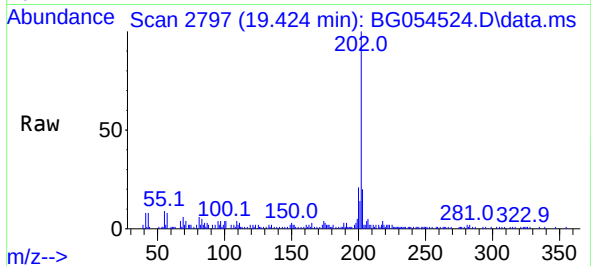
Tgt Ion:178 Resp: 15716
Ion Ratio Lower Upper
178 100
176 19.3 14.1 21.1
179 16.9 12.1 18.1





#75
Fluoranthene
Concen: 3.25 ng
RT: 19.424 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG054524.D
Acq: 4 Aug 2022 18:27

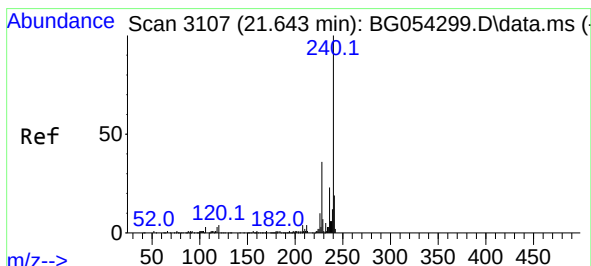
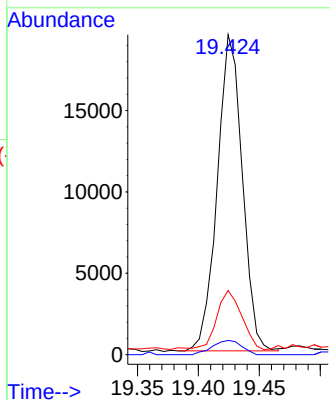
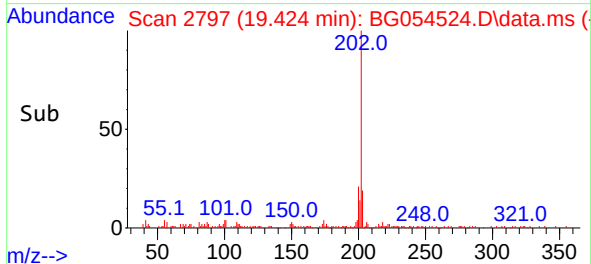
Instrument :
BNA_G
ClientSampleId :
RVE-97



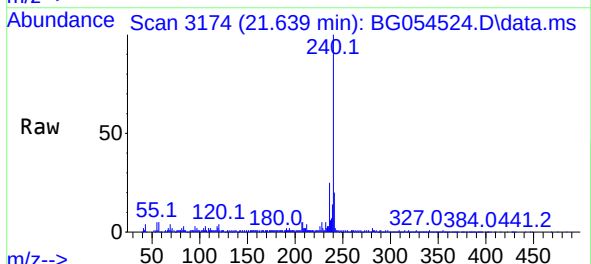
Tgt Ion:202 Resp: 27739
Ion Ratio Lower Upper
202 100
101 4.5 0.0 26.9
203 20.0 0.0 37.2

Manual Integrations
APPROVED

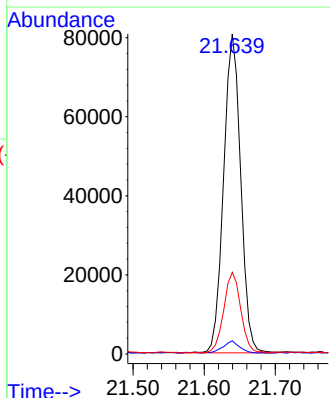
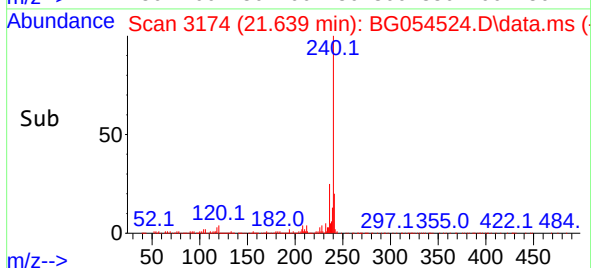
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

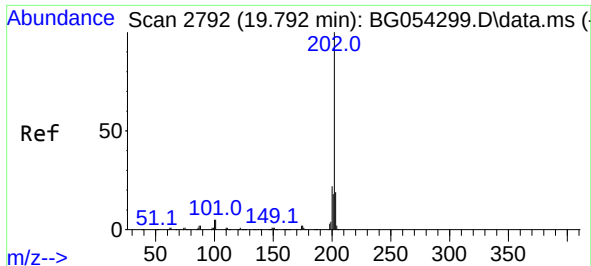


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.639 min Scan# 3174
Delta R.T. 0.002 min
Lab File: BG054524.D
Acq: 4 Aug 2022 18:27



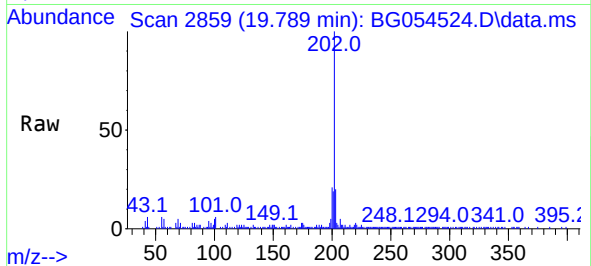
Tgt Ion:240 Resp: 134212
Ion Ratio Lower Upper
240 100
120 4.1 4.6 7.0#
236 25.5 20.2 30.4





#78
Pyrene
Concen: 5.72 ng
RT: 19.789 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG054524.D
Acq: 4 Aug 2022 18:27

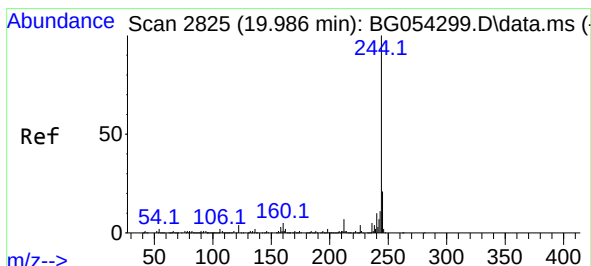
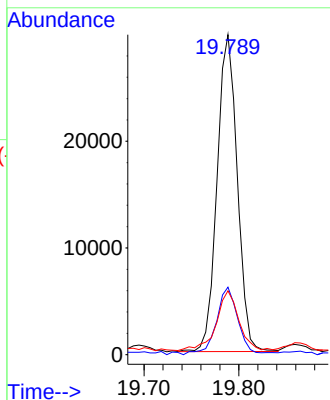
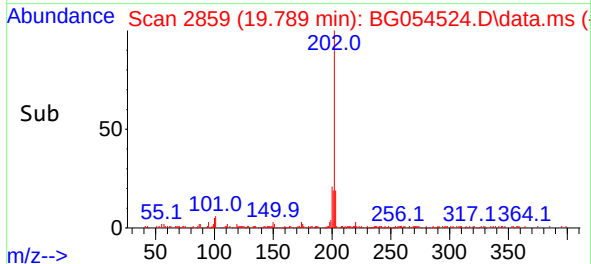
Instrument :
BNA_G
ClientSampleId :
RVE-97



Tgt Ion:202 Resp: 4408
Ion Ratio Lower Upper
202 100
200 21.1 16.6 24.8
203 20.0 14.6 21.8

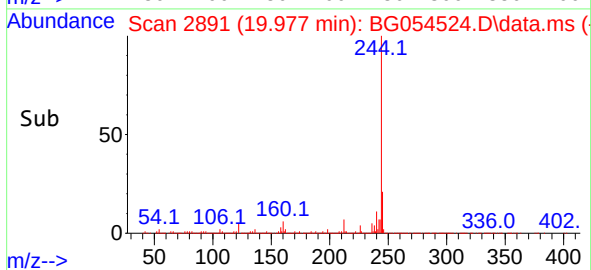
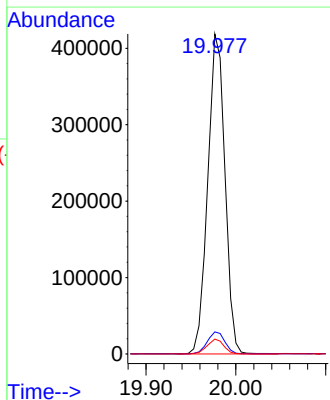
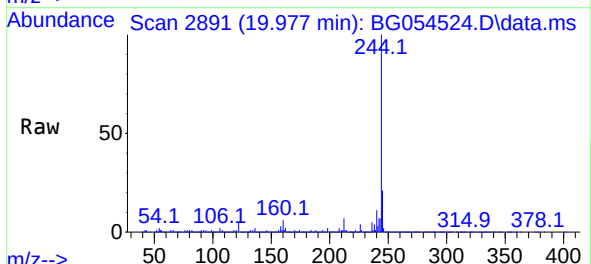
Manual Integrations
APPROVED

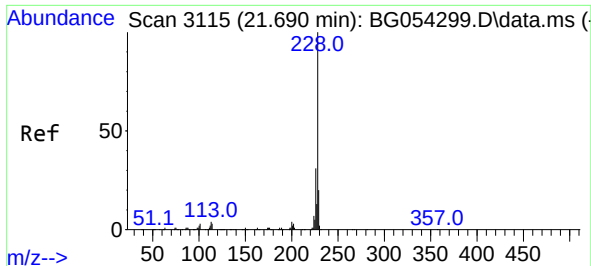
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#79
Terphenyl-d14
Concen: 82.28 ng
RT: 19.977 min Scan# 2891
Delta R.T. -0.004 min
Lab File: BG054524.D
Acq: 4 Aug 2022 18:27

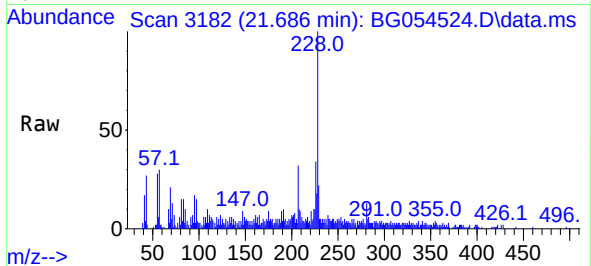
Tgt Ion:244 Resp: 556673
Ion Ratio Lower Upper
244 100
212 6.9 6.5 9.7
122 4.7 5.0 7.4





#83
Chrysene
Concen: 3.02 ng m
RT: 21.686 min Scan# 3115
Delta R.T. 0.002 min
Lab File: BG054524.D
Acq: 4 Aug 2022 18:27

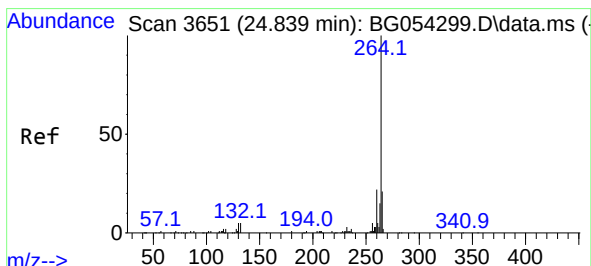
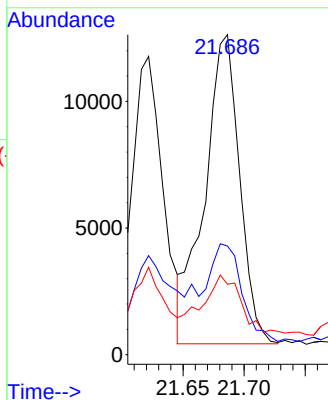
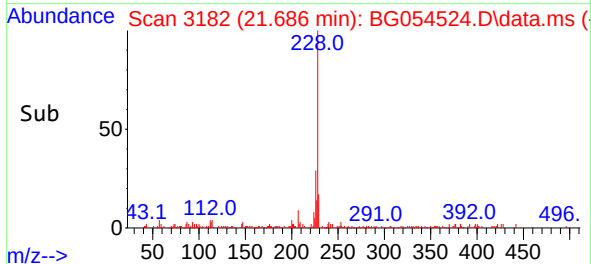
Instrument :
BNA_G
ClientSampleId :
RVE-97



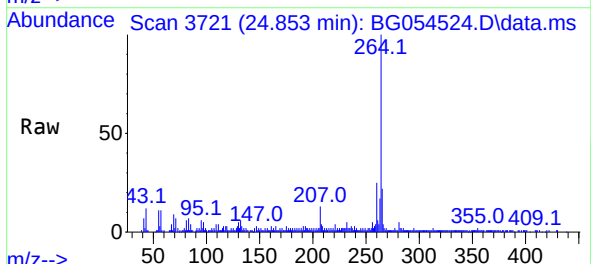
Tgt Ion:228 Resp: 24339
Ion Ratio Lower Upper
228 100
226 34.0 23.4 35.2
229 22.0 15.5 23.3

Manual Integrations
APPROVED

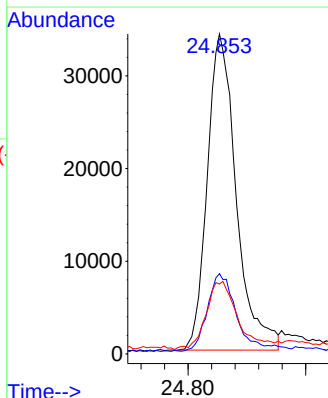
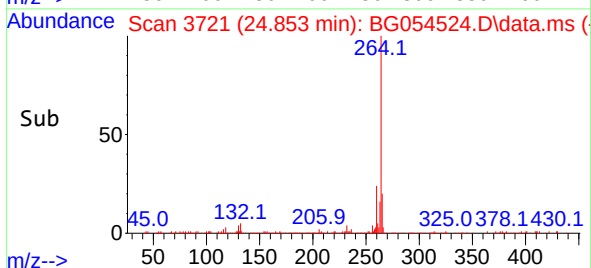
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

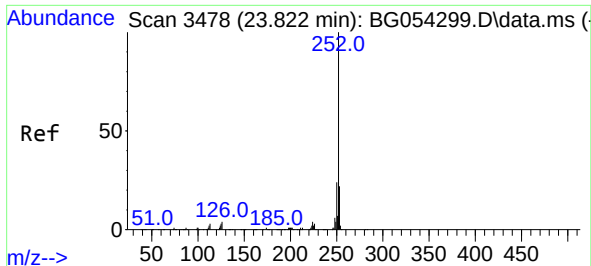


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.853 min Scan# 3721
Delta R.T. 0.020 min
Lab File: BG054524.D
Acq: 4 Aug 2022 18:27



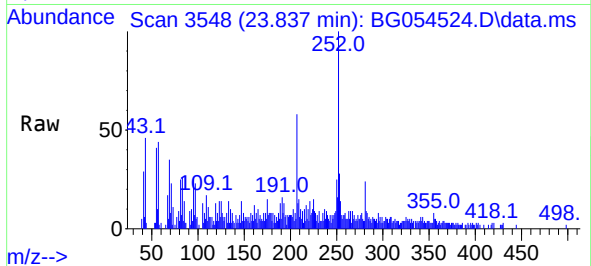
Tgt Ion:264 Resp: 116691
Ion Ratio Lower Upper
264 100
260 25.1 19.0 28.6
265 21.9 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 3.38 ng m
RT: 23.837 min Scan# 31
Delta R.T. 0.014 min
Lab File: BG054524.D
Acq: 4 Aug 2022 18:27

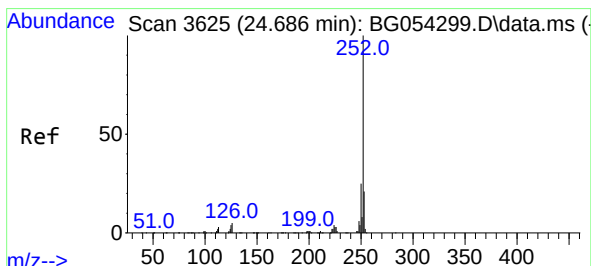
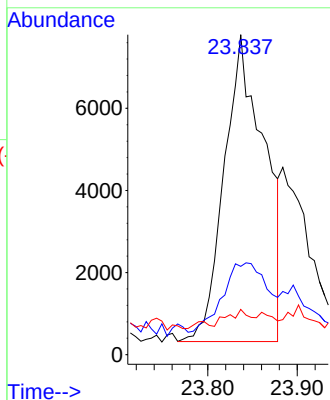
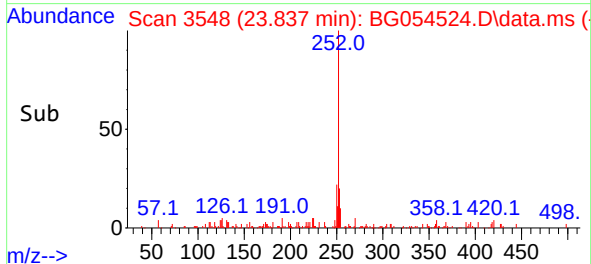
Instrument :
BNA_G
ClientSampleId :
RVE-97



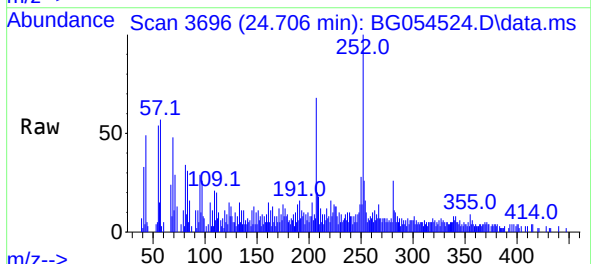
Tgt Ion:252 Resp: 2329
Ion Ratio Lower Upper
252 100
253 27.6 18.0 27.0
125 14.2 4.6 6.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#90
Benzo(a)pyrene
Concen: 3.10 ng
RT: 24.706 min Scan# 3696
Delta R.T. 0.020 min
Lab File: BG054524.D
Acq: 4 Aug 2022 18:27



Tgt Ion:252 Resp: 18289
Ion Ratio Lower Upper
252 100
253 26.1 17.8 26.8
125 12.7 4.3 6.5

