

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080522\
 Data File : BG054545.D
 Acq On : 5 Aug 2022 21:54
 Operator : CG/JU
 Sample : N3960-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-150

Manual Integrations
 APPROVED

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

Quant Time: Aug 06 05:40:53 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	7.978	152	19060	20.000	ng	0.00
21) Naphthalene-d8	10.787	136	74091	20.000	ng	#-0.01
39) Acenaphthene-d10	14.618	164	54075	20.000	ng	0.00
64) Phenanthrene-d10	17.361	188	130404	20.000	ng	#-0.01
76) Chrysene-d12	21.633	240	141528	20.000	ng	# 0.00
86) Perylene-d12	24.841	264	113908	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.564	112	101016	110.656	ng	0.00
7) Phenol-d6	7.179	99	133686	106.874	ng	0.00
23) Nitrobenzene-d5	9.142	82	90500	66.518	ng	-0.01
42) 2,4,6-Tribromophenol	16.116	330	110582	97.397	ng	0.00
45) 2-Fluorobiphenyl	13.237	172	267452	69.772	ng	-0.01
79) Terphenyl-d14	19.970	244	500212	70.115	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.403	178	29152	4.489	ng	96
75) Fluoranthene	19.418	202	46801	5.287	ng	95
78) Pyrene	19.782	202	76176	9.380	ng	99
81) Benzo(a)anthracene	21.615	228	33878	3.771	ng	# 91
83) Chrysene	21.674	228	42310	4.985	ng	# 92
88) Benzo(b)fluoranthene	23.830	252	37559m	5.576	ng	
90) Benzo(a)pyrene	24.694	252	26514	4.609	ng	# 91

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

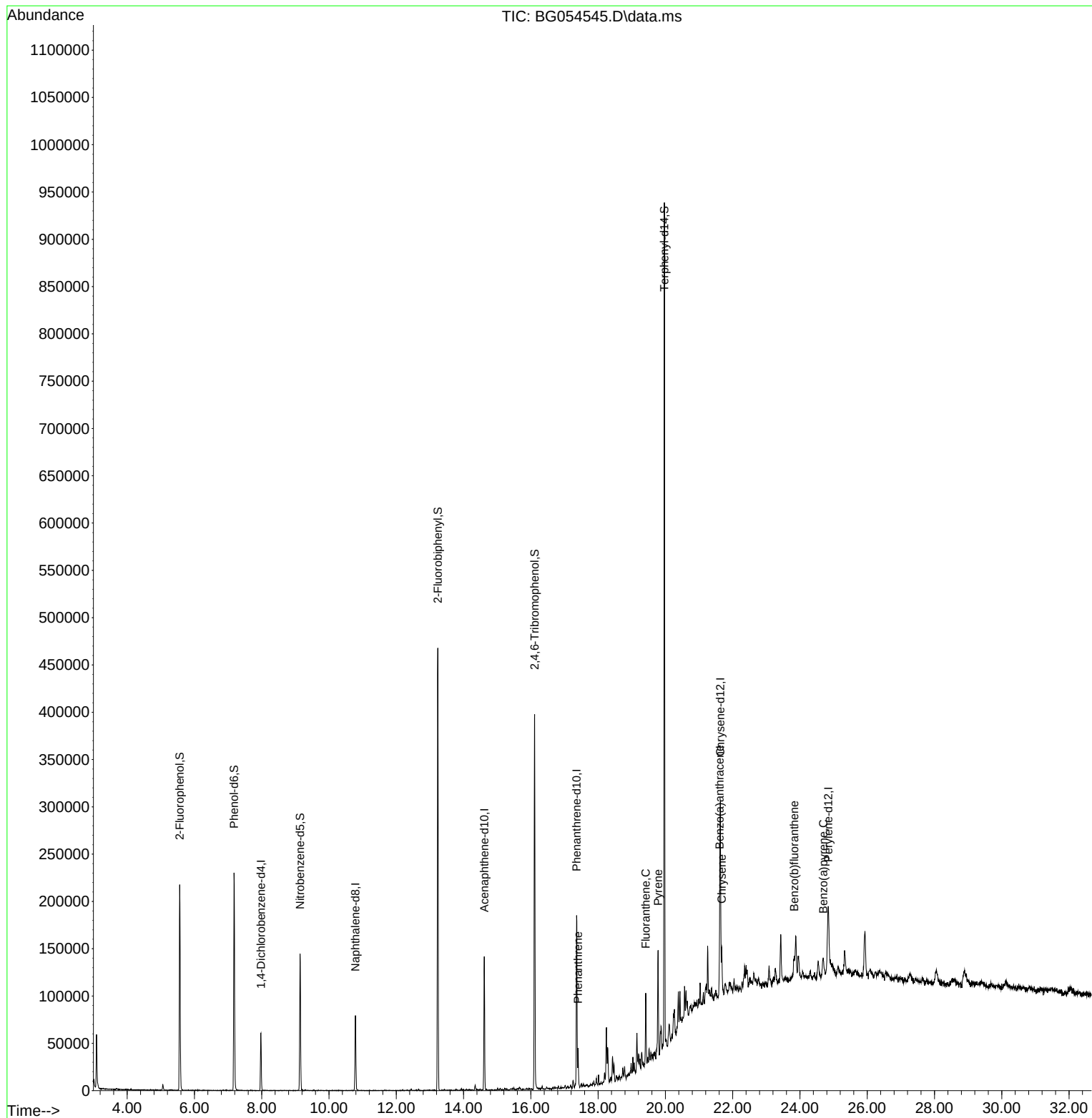
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080522\
Data File : BG054545.D
Acq On : 5 Aug 2022 21:54
Operator : CG/JU
Sample : N3960-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

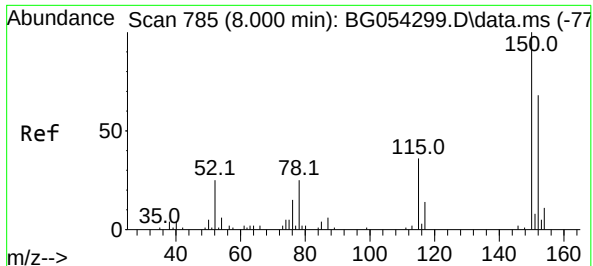
Instrument :
BNA_G
ClientSampleId :
RVE-150

Quant Time: Aug 06 05:40:53 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

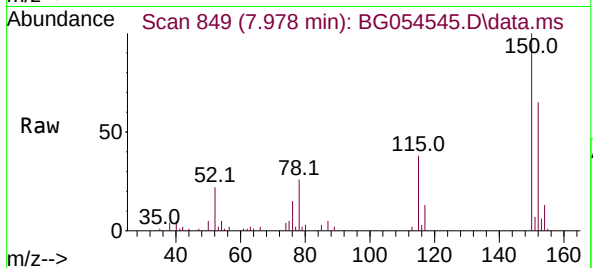
Reviewed By : Christian Giraldo 08/08/2022
Supervised By : Jagrut Upadhyay 08/08/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.978 min Scan# 84
Delta R.T. -0.010 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54

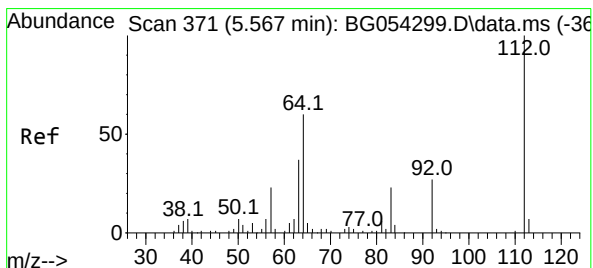
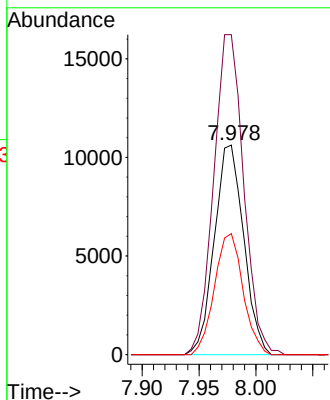
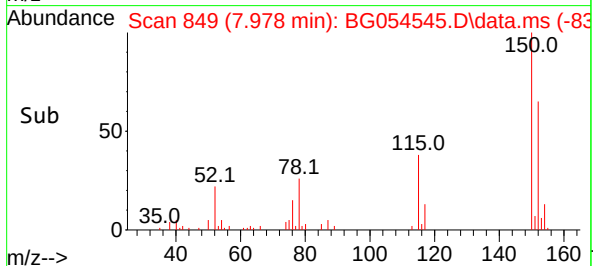
Instrument :
BNA_G
ClientSampleId :
RVE-150



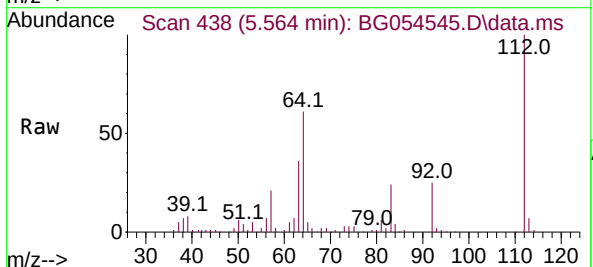
Tgt Ion:152 Resp: 19060
Ion Ratio Lower Upper
152 100
150 152.7 131.6 197.4
115 57.8 50.9 76.3

Manual Integrations
APPROVED

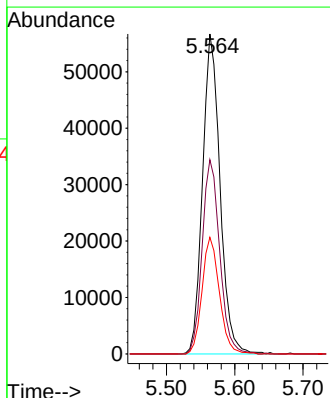
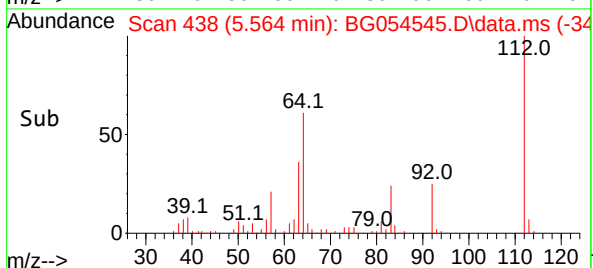
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

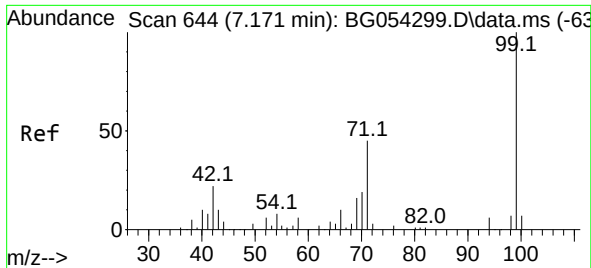


#5
2-Fluorophenol
Concen: 110.656 ng
RT: 5.564 min Scan# 438
Delta R.T. 0.002 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54



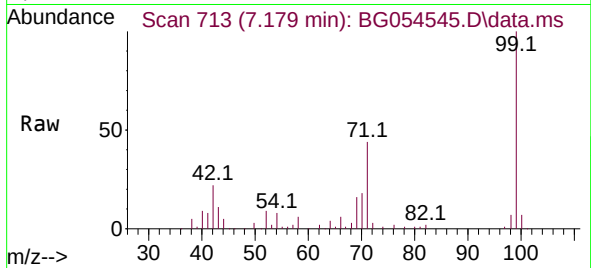
Tgt Ion:112 Resp: 101016
Ion Ratio Lower Upper
112 100
64 60.7 55.1 82.7
63 36.4 30.4 45.6





#7
Phenol-d6
Concen: 106.874 ng
RT: 7.179 min Scan# 71
Delta R.T. 0.008 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54

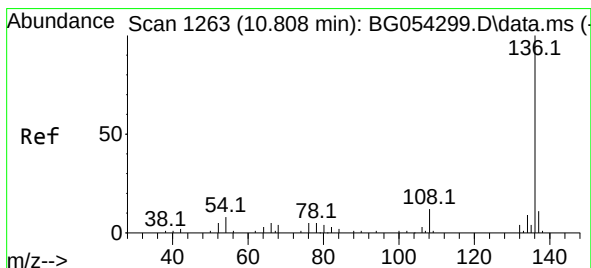
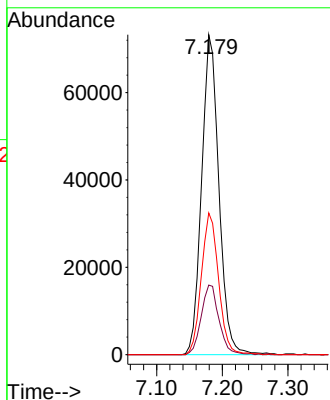
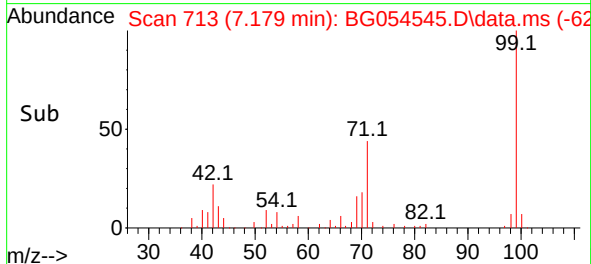
Instrument :
BNA_G
ClientSampleId :
RVE-150



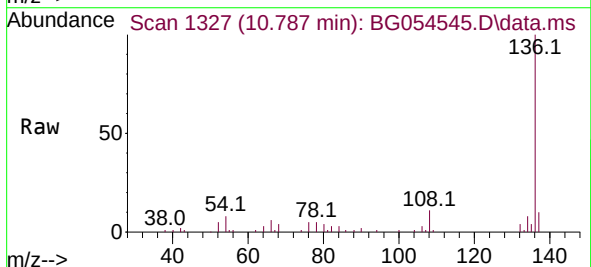
Tgt Ion: 99 Resp: 133686
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.6
71 44.3 33.8 50.8

Manual Integrations
APPROVED

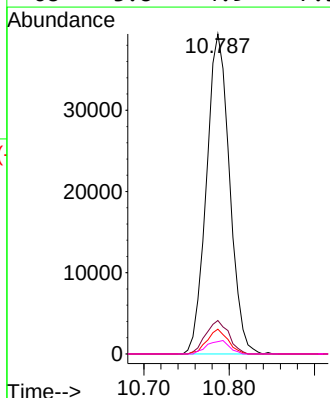
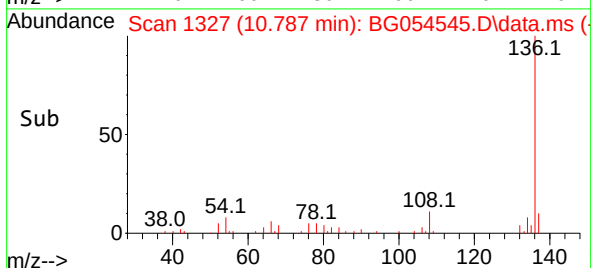
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

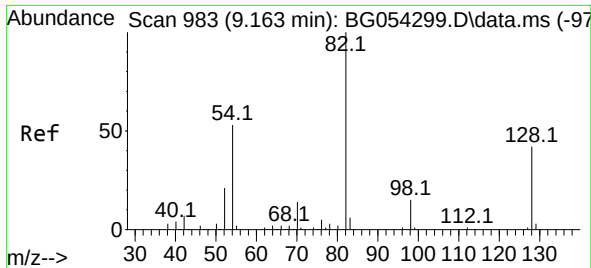


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.787 min Scan# 1327
Delta R.T. -0.010 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54



Tgt Ion:136 Resp: 74091
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 7.7 7.4 11.2
68 3.8 4.9 7.3#





#23
Nitrobenzene-d5
Concen: 66.518 ng
RT: 9.142 min Scan# 1047
Delta R.T. -0.010 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54

Instrument :

BNA_G

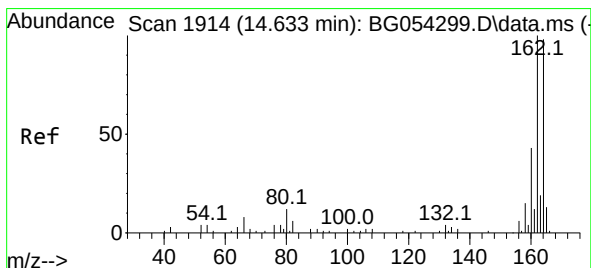
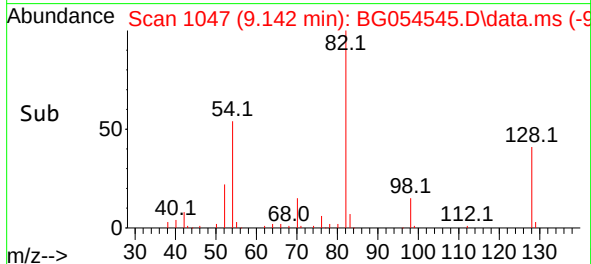
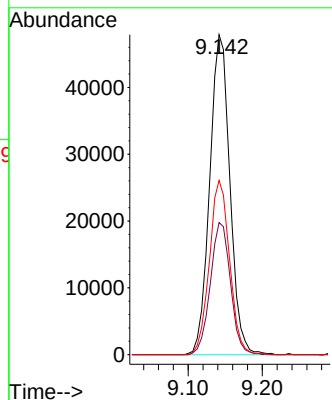
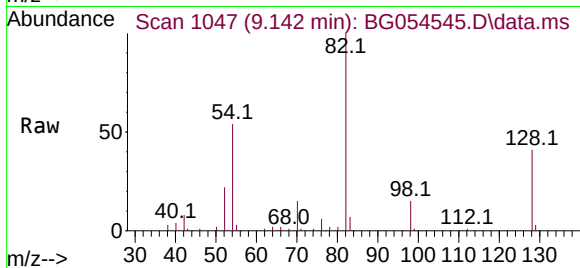
ClientSampleId :

RVE-150

Tgt Ion: 82 Resp: 90500
Ion Ratio Lower Upper
82 100
128 41.3 27.9 41.9
54 54.4 41.2 61.8

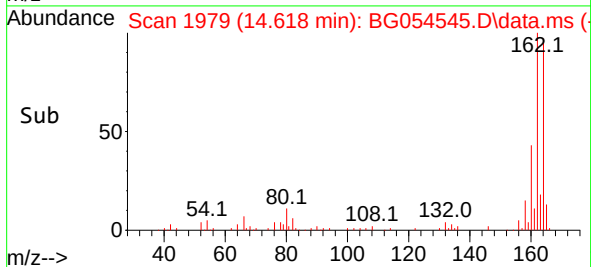
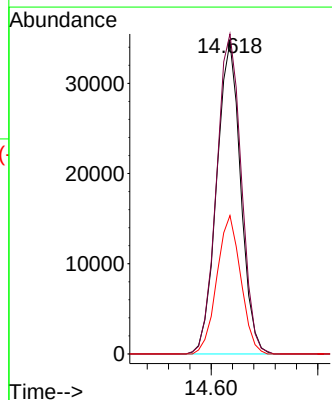
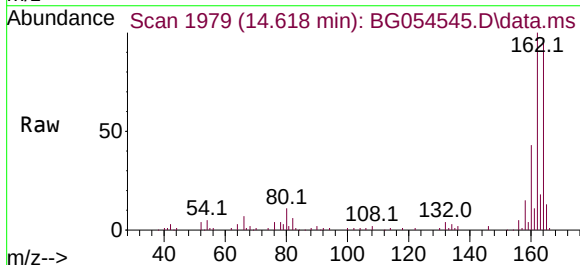
Manual Integrations
APPROVED

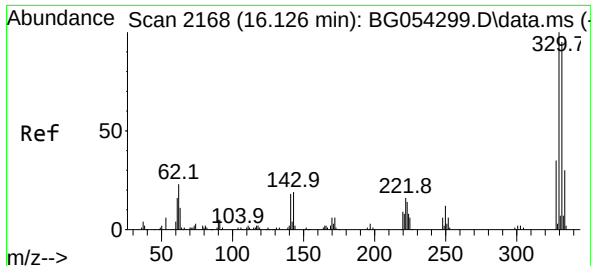
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.618 min Scan# 1979
Delta R.T. -0.004 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54

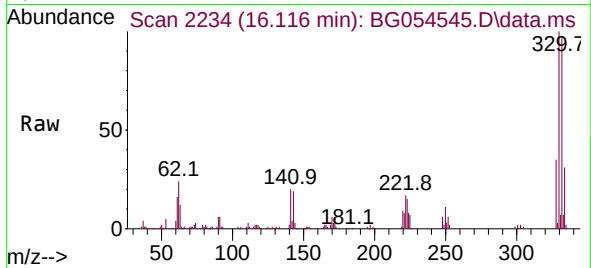
Tgt Ion:164 Resp: 54075
Ion Ratio Lower Upper
164 100
162 102.6 82.3 123.5
160 44.4 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 97.397 ng
RT: 16.116 min Scan# 2168
Delta R.T. 0.002 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54

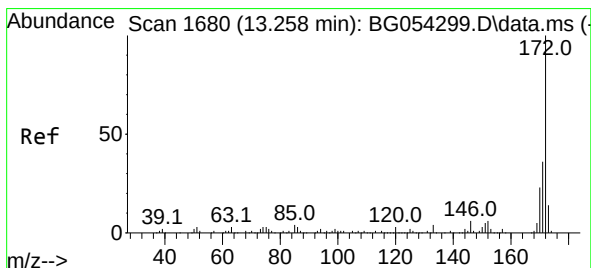
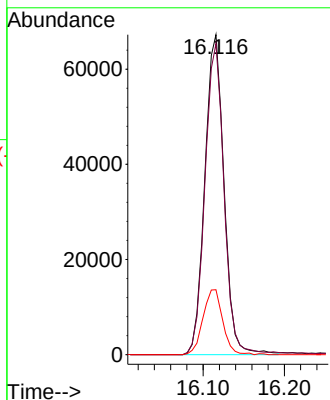
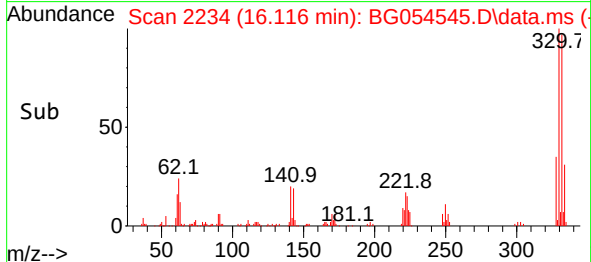
Instrument :
BNA_G
ClientSampleId :
RVE-150



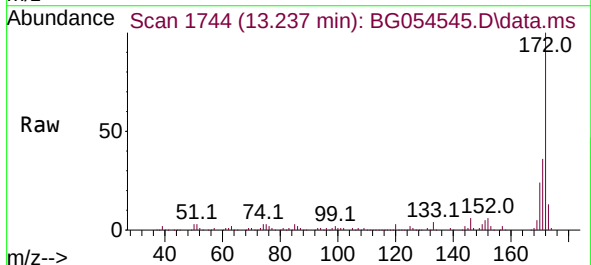
Tgt Ion:330 Resp: 110582
Ion Ratio Lower Upper
330 100
332 97.4 76.0 114.0
141 20.9 27.1 40.7

Manual Integrations
APPROVED

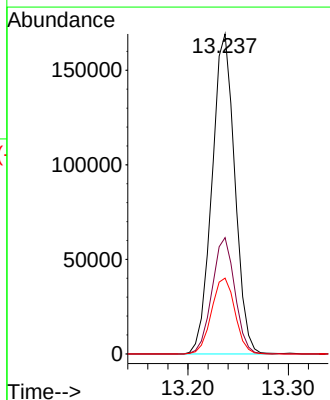
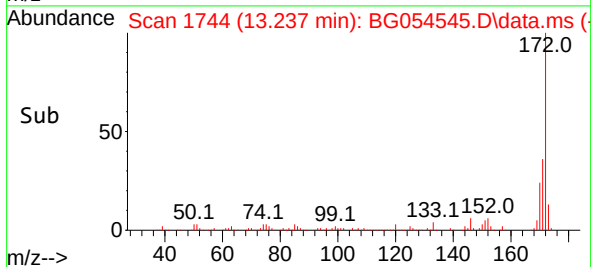
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

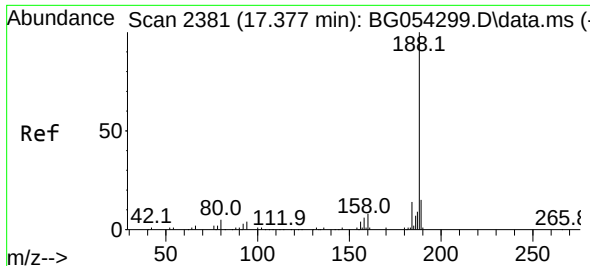


#45
2-Fluorobiphenyl
Concen: 69.772 ng
RT: 13.237 min Scan# 1744
Delta R.T. -0.010 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54



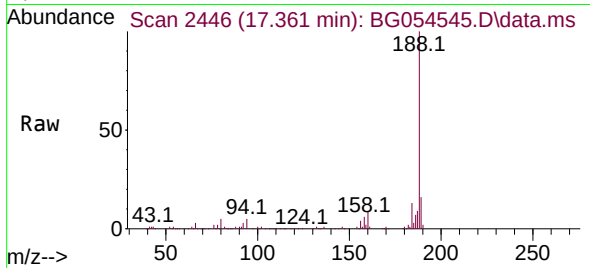
Tgt Ion:172 Resp: 267452
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 23.7 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.361 min Scan# 2446
Delta R.T. -0.010 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54

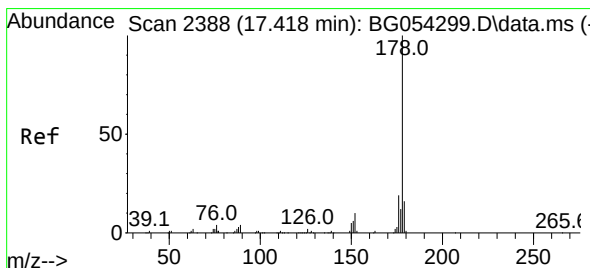
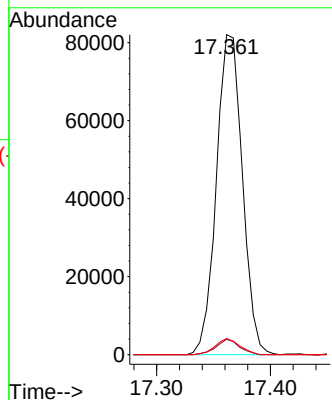
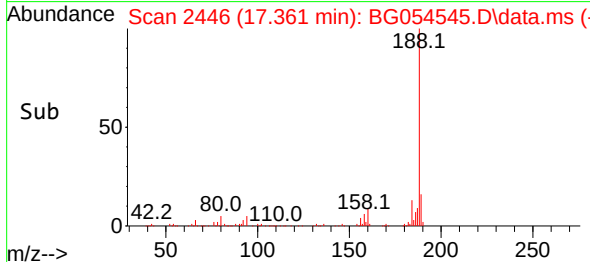
Instrument :
BNA_G
ClientSampleId :
RVE-150



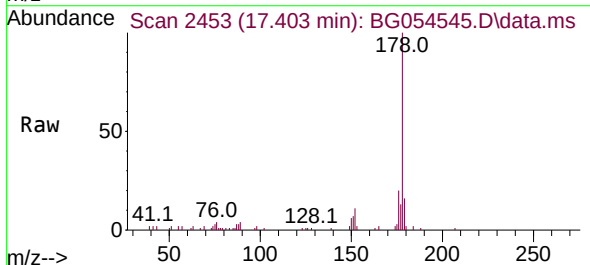
Tgt Ion:188 Resp: 130404
Ion Ratio Lower Upper
188 100
94 4.8 5.4 8.0
80 5.0 6.8 10.2

Manual Integrations
APPROVED

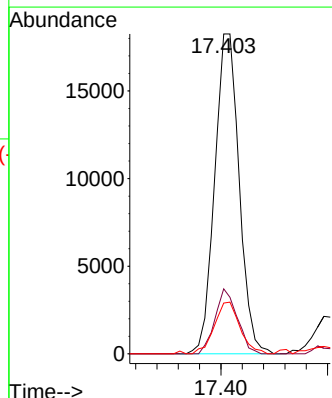
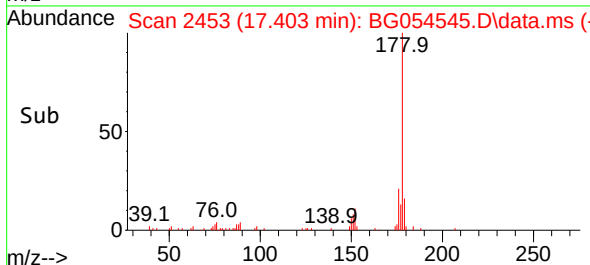
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

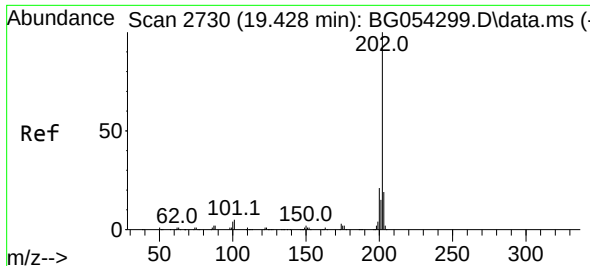


#71
Phenanthrene
Concen: 4.489 ng
RT: 17.403 min Scan# 2453
Delta R.T. -0.010 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54



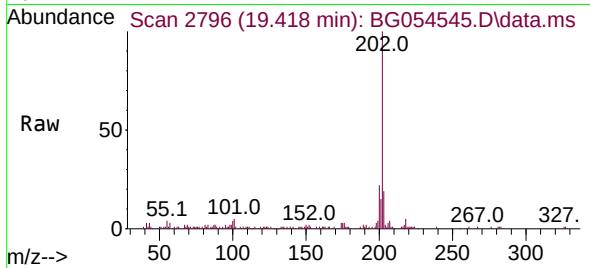
Tgt Ion:178 Resp: 29152
Ion Ratio Lower Upper
178 100
176 20.3 14.1 21.1
179 15.9 12.1 18.1





#75
Fluoranthene
Concen: 5.287 ng
RT: 19.418 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54

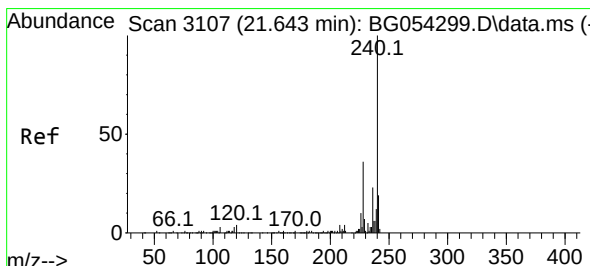
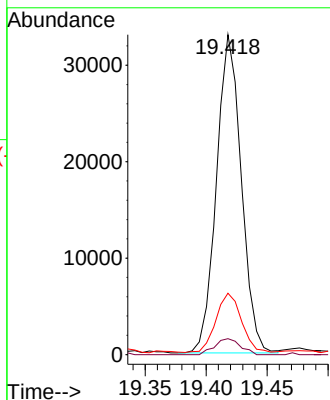
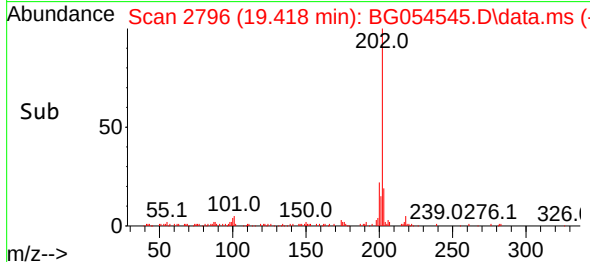
Instrument :
BNA_G
ClientSampleId :
RVE-150



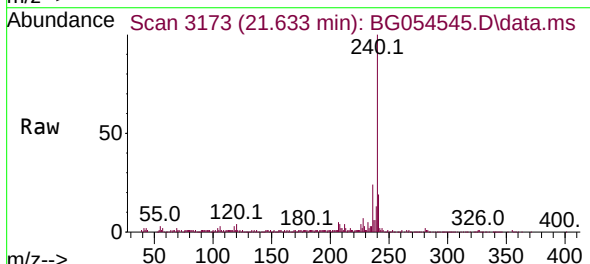
Tgt Ion:202 Resp: 46801
Ion Ratio Lower Upper
202 100
101 5.0 0.0 26.9
203 19.2 0.0 37.2

Manual Integrations
APPROVED

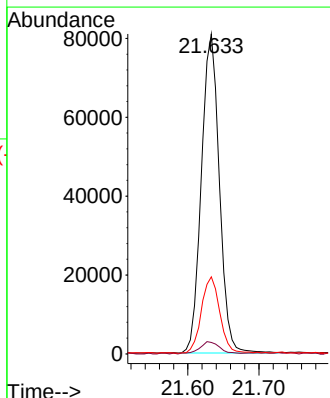
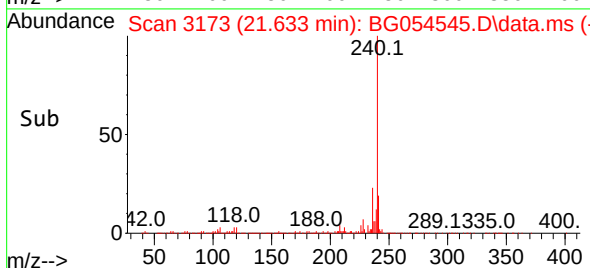
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

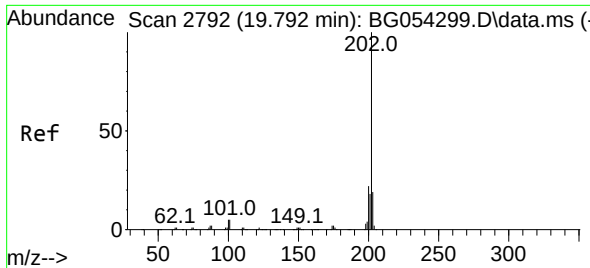


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3173
Delta R.T. -0.004 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54



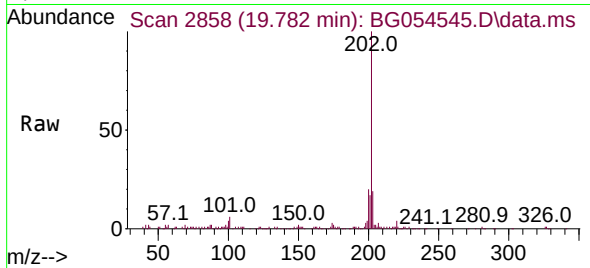
Tgt Ion:240 Resp: 141528
Ion Ratio Lower Upper
240 100
120 3.6 4.6 7.0#
236 24.1 20.2 30.4





#78
 Pyrene
 Concen: 9.380 ng
 RT: 19.782 min Scan# 2858
 Delta R.T. -0.004 min
 Lab File: BG054545.D
 Acq: 5 Aug 2022 21:54

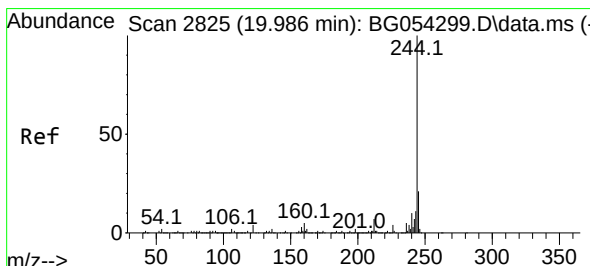
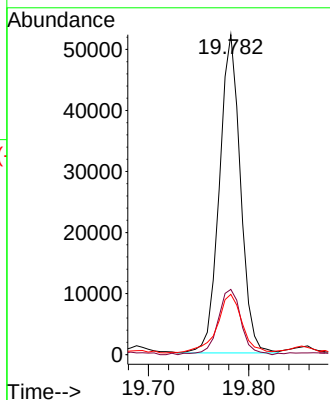
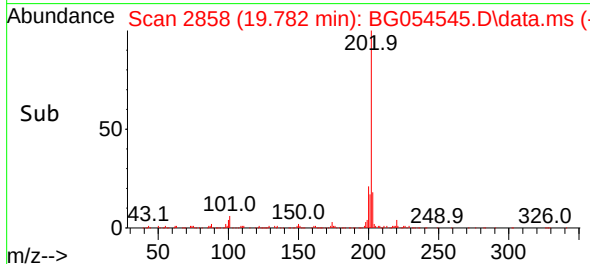
Instrument :
 BNA_G
 ClientSampleId :
 RVE-150



Tgt Ion:202 Resp: 76176
 Ion Ratio Lower Upper
 202 100
 200 20.4 16.6 24.8
 203 18.8 14.6 21.8

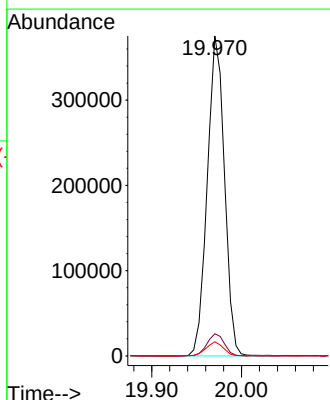
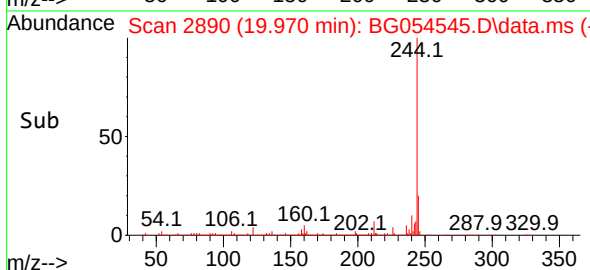
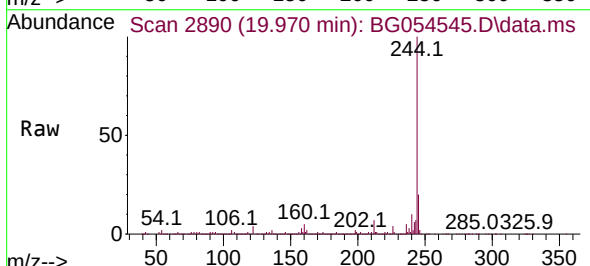
Manual Integrations
 APPROVED

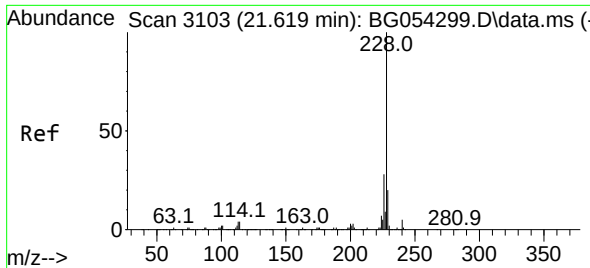
Reviewed By :Christian Giraldo 08/08/2022
 Supervised By :Jagrut Upadhyay 08/08/2022



#79
 Terphenyl-d14
 Concen: 70.115 ng
 RT: 19.970 min Scan# 2890
 Delta R.T. -0.010 min
 Lab File: BG054545.D
 Acq: 5 Aug 2022 21:54

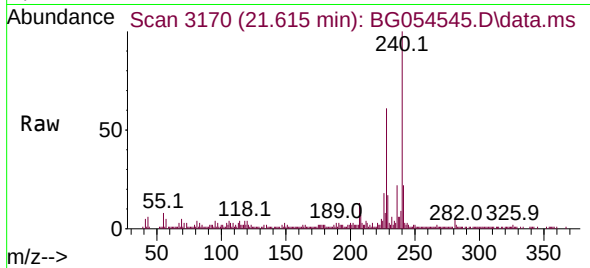
Tgt Ion:244 Resp: 500212
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 4.4 5.0 7.4





#81
Benzo(a)anthracene
Concen: 3.771 ng
RT: 21.615 min Scan# 3103
Delta R.T. 0.002 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54

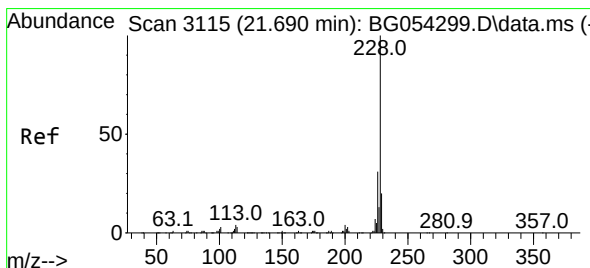
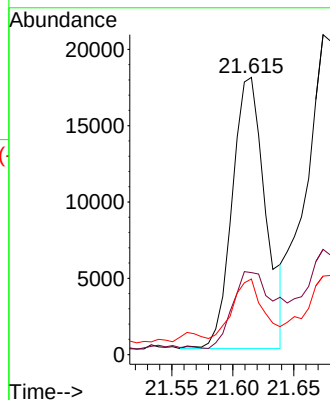
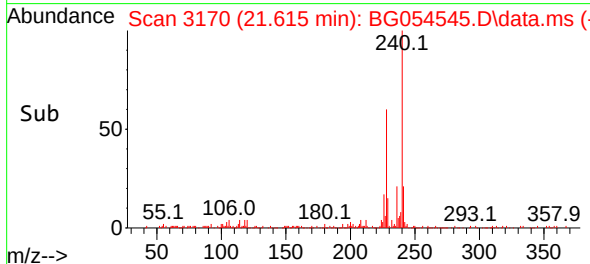
Instrument :
BNA_G
ClientSampleId :
RVE-150



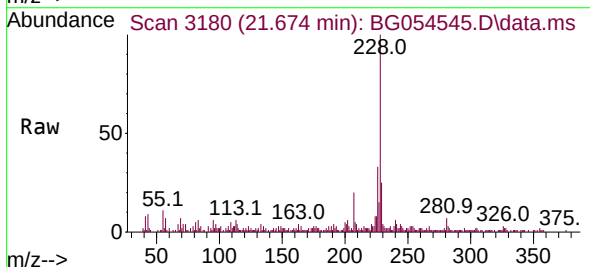
Tgt Ion:228 Resp: 33878
Ion Ratio Lower Upper
228 100
226 29.6 21.6 32.4
229 27.3 16.2 24.2

Manual Integrations
APPROVED

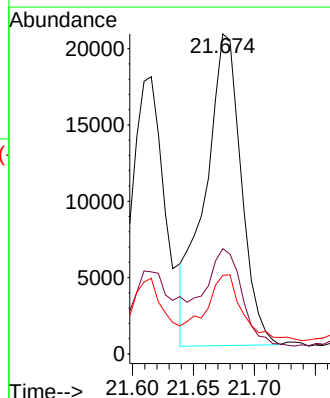
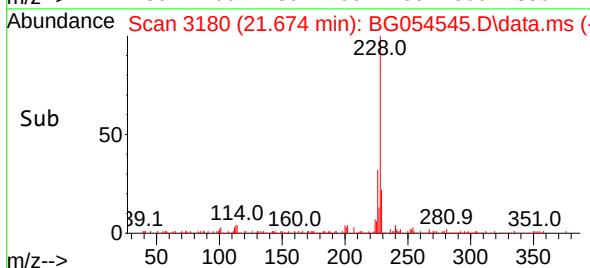
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

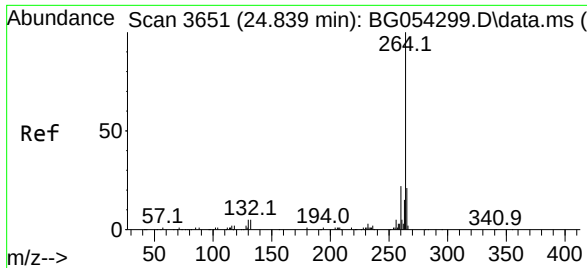


#83
Chrysene
Concen: 4.985 ng
RT: 21.674 min Scan# 3180
Delta R.T. -0.010 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54



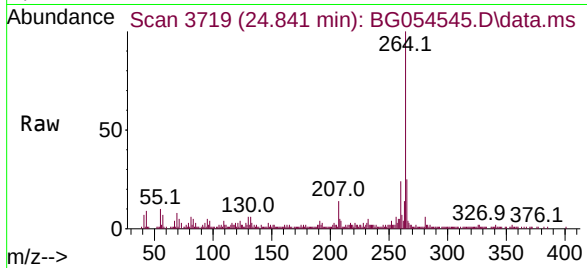
Tgt Ion:228 Resp: 42310
Ion Ratio Lower Upper
228 100
226 32.9 23.4 35.2
229 24.5 15.5 23.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.841 min Scan# 31
Delta R.T. 0.008 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54

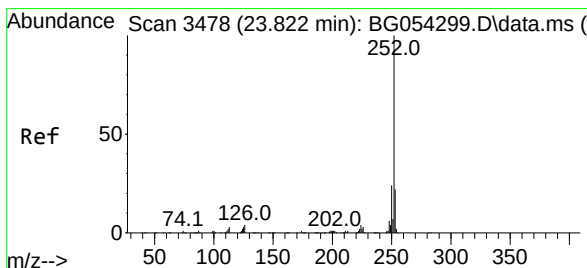
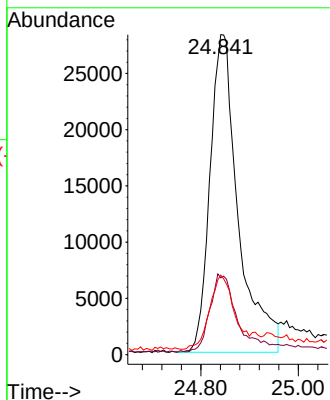
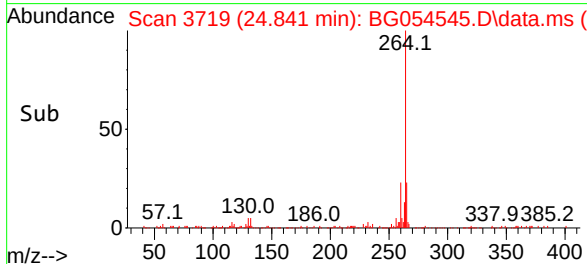
Instrument :
BNA_G
ClientSampleId :
RVE-150



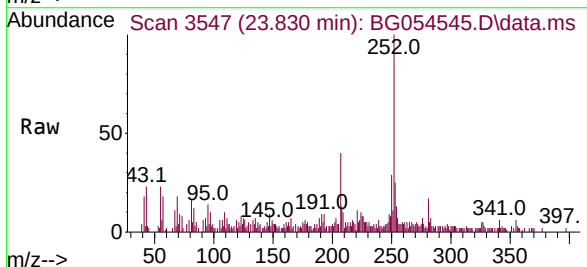
Tgt Ion:264 Resp: 113908
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 24.8 17.4 26.2

Manual Integrations
APPROVED

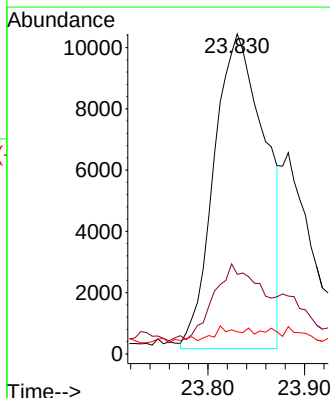
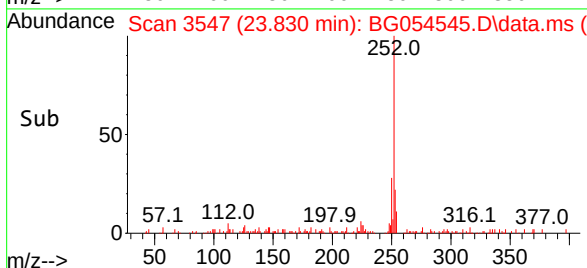
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

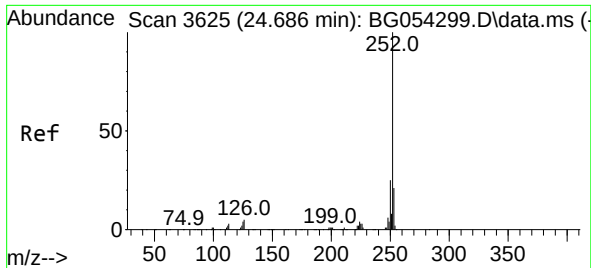


#88
Benzo(b)fluoranthene
Concen: 5.576 ng m
RT: 23.830 min Scan# 3547
Delta R.T. 0.008 min
Lab File: BG054545.D
Acq: 5 Aug 2022 21:54



Tgt Ion:252 Resp: 37559
Ion Ratio Lower Upper
252 100
253 24.9 18.0 27.0
125 6.9 4.6 6.8





#90

Benzo(a)pyrene

Concen: 4.609 ng

RT: 24.694 min Scan# 3694

Delta R.T. 0.008 min

Lab File: BG054545.D

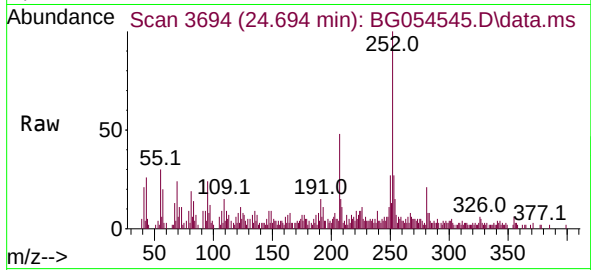
Acq: 5 Aug 2022 21:54

Instrument :

BNA_G

ClientSampleId :

RVE-150



Tgt Ion:252 Resp: 26514

Ion Ratio Lower Upper

252 100

253 26.7 17.8 26.8

125 8.0 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/08/2022

Supervised By :Jagrut Upadhyay 08/08/2022

