

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
 Data File : BG054348.D
 Acq On : 21 Jul 2022 17:03
 Operator : CG/JU
 Sample : N3816-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-072022

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/22/2022
 Supervised By : Jagrut Upadhyay 07/22/2022

Quant Time: Jul 22 02:37:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.994	152	19391	20.000	ng	0.00
21) Naphthalene-d8	10.803	136	76851	20.000	ng	# 0.00
39) Acenaphthene-d10	14.634	164	61904	20.000	ng	0.00
64) Phenanthrene-d10	17.378	188	162745	20.000	ng	# 0.00
76) Chrysene-d12	21.643	240	181003	20.000	ng	# 0.00
86) Perylene-d12	24.851	264	190149	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.574	112	86980	93.654	ng	0.00
7) Phenol-d6	7.178	99	116325	91.407	ng	0.00
23) Nitrobenzene-d5	9.158	82	76404	54.140	ng	0.00
42) 2,4,6-Tribromophenol	16.120	330	109265	84.066	ng	0.00
45) 2-Fluorobiphenyl	13.253	172	235628	53.696	ng	0.00
79) Terphenyl-d14	19.986	244	522185	57.232	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.428	202	50724	4.591	ng	95
78) Pyrene	19.792	202	52644	5.069	ng	98
81) Benzo(a)anthracene	21.626	228	32535	2.832	ng	95
83) Chrysene	21.690	228	38905m	3.584	ng	
88) Benzo(b)fluoranthene	23.835	252	49104	4.367	ng	# 99
90) Benzo(a)pyrene	24.698	252	33402	3.478	ng	# 99
92) Benzo(g,h,i)perylene	29.663	276	24069	2.050	ng	# 88

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

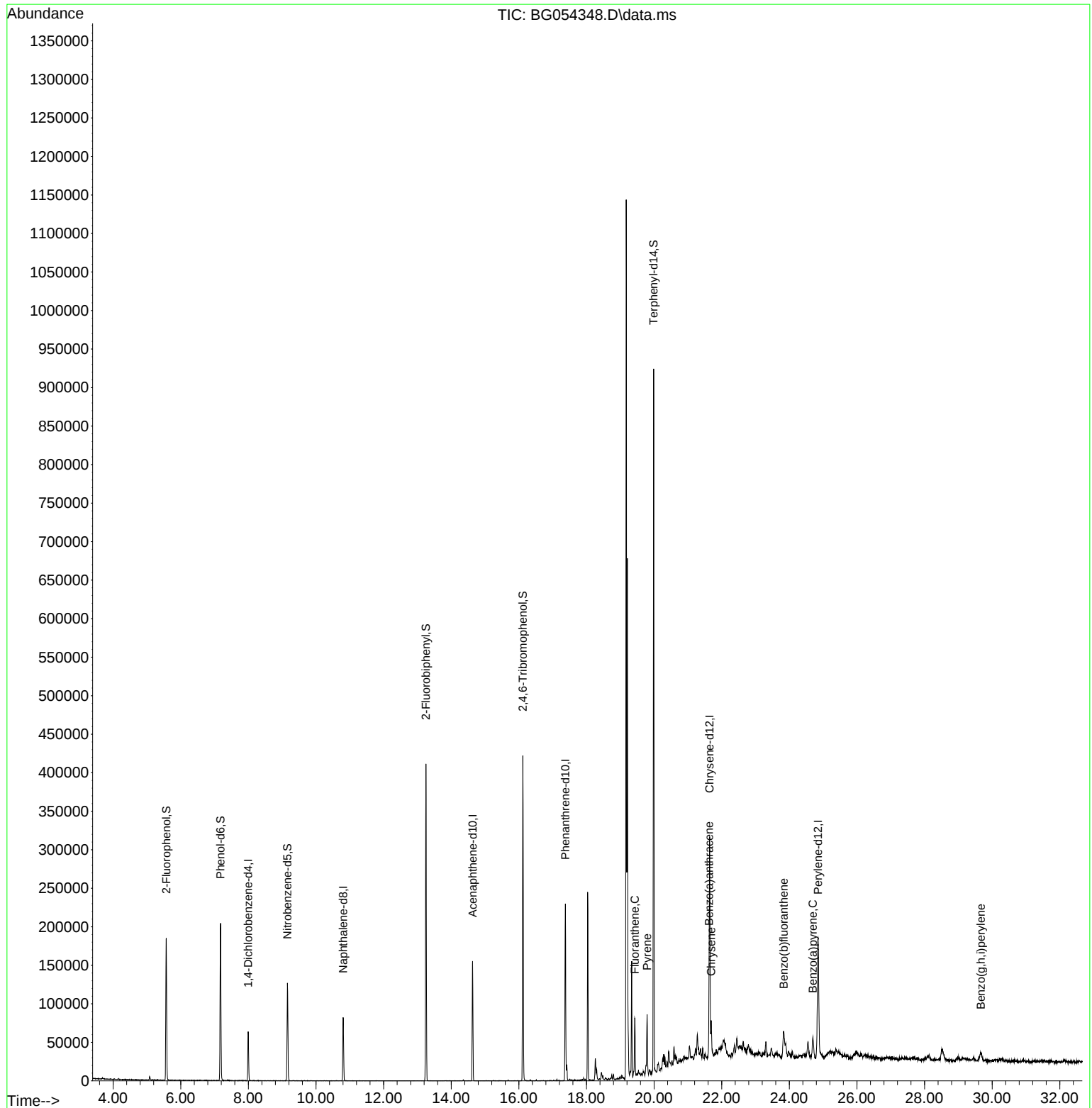
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
Data File : BG054348.D
Acq On : 21 Jul 2022 17:03
Operator : CG/JU
Sample : N3816-01
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ALS Vial : 9 Sample Multiplier: 1

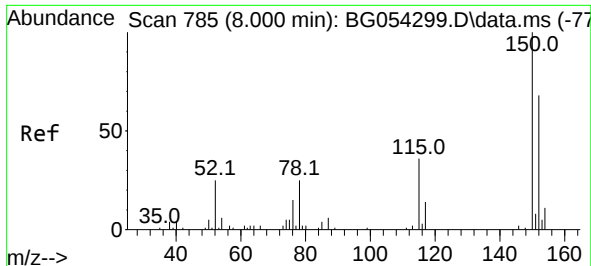
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TR-05-072022

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
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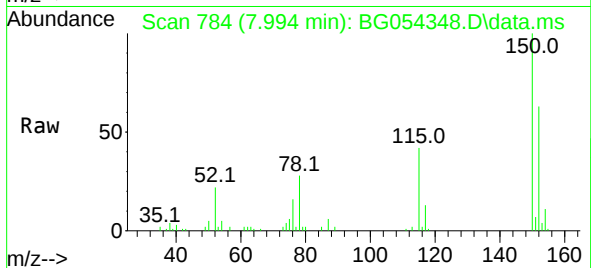
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.994 min Scan# 71
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Lab File: BG054348.D
Acq: 21 Jul 2022 17:03

Instrument :

BNA_G

ClientSampleId :

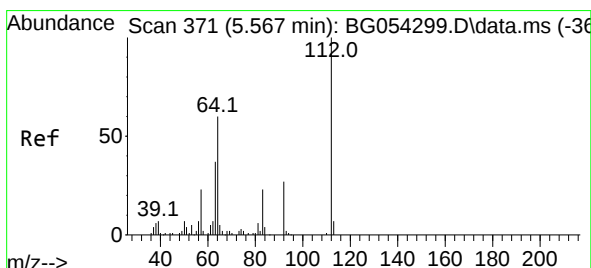
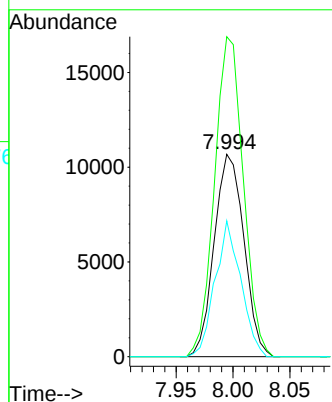
TR-05-072022



Tgt Ion:152 Resp: 1939
Ion Ratio Lower Upper
152 100
150 158.0 131.6 197.4
115 67.1 50.9 76.3

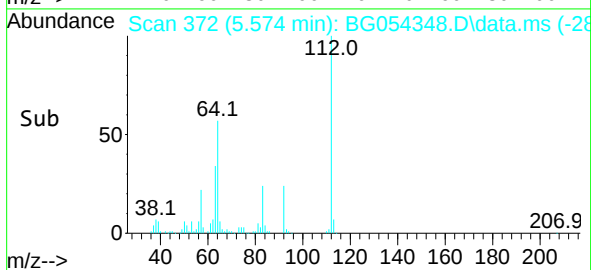
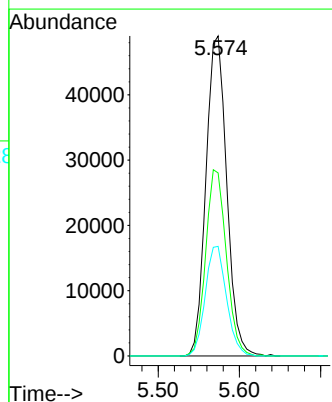
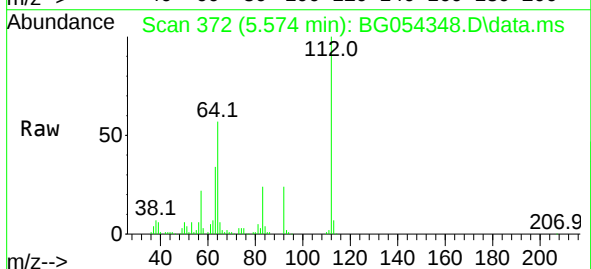
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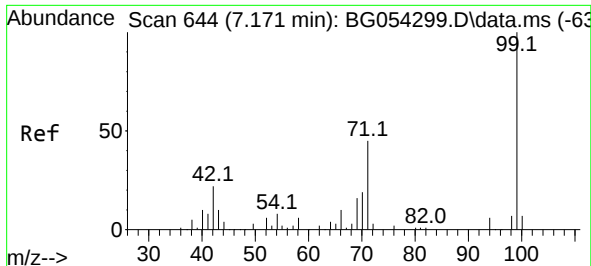
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#5
2-Fluorophenol
Concen: 93.654 ng
RT: 5.574 min Scan# 372
Delta R.T. 0.006 min
Lab File: BG054348.D
Acq: 21 Jul 2022 17:03

Tgt Ion:112 Resp: 86980
Ion Ratio Lower Upper
112 100
64 57.2 55.1 82.7
63 34.2 30.4 45.6





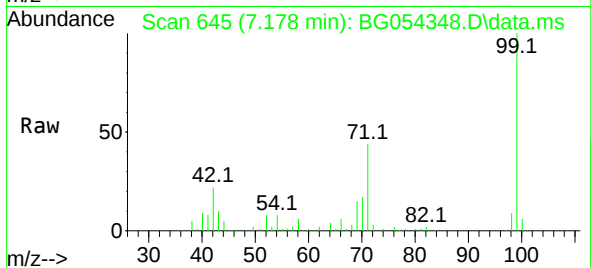
#7
Phenol-d6
Concen: 91.407 ng
RT: 7.178 min Scan# 644
Delta R.T. 0.006 min
Lab File: BG054348.D
Acq: 21 Jul 2022 17:03

Instrument :

BNA_G

ClientSampleId :

TR-05-072022

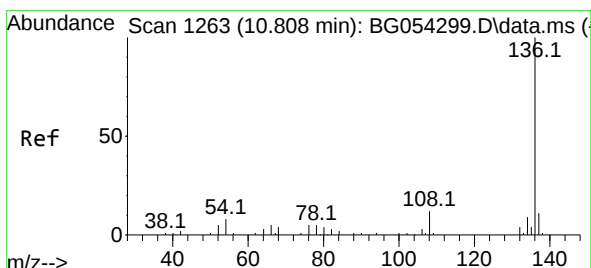
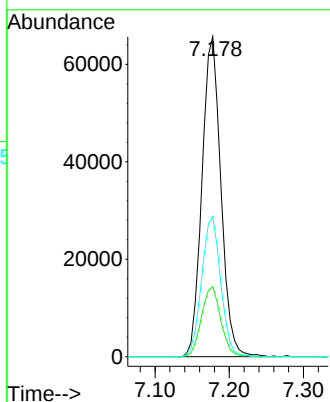
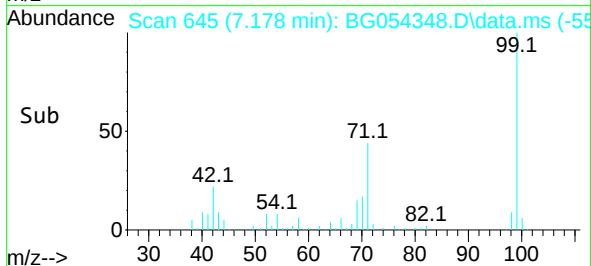


Tgt Ion: 99 Resp: 116325
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.6
71 43.8 33.8 50.8

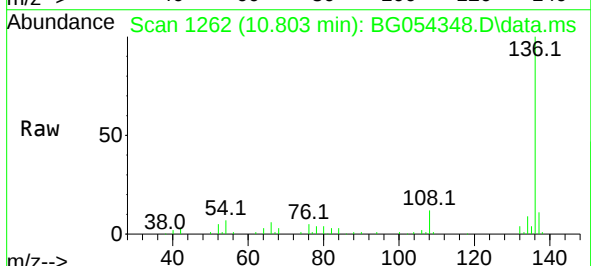
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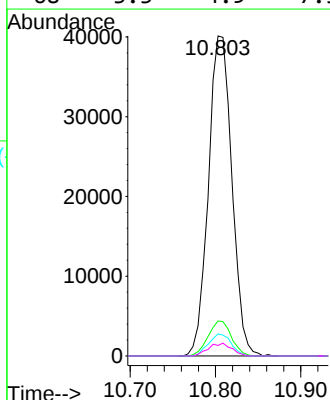
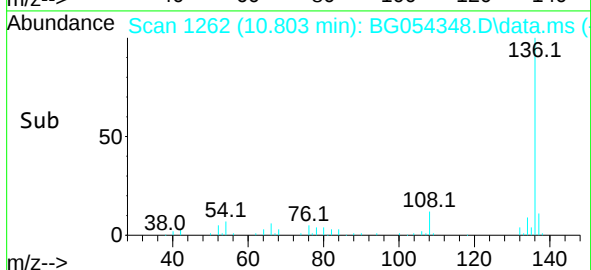
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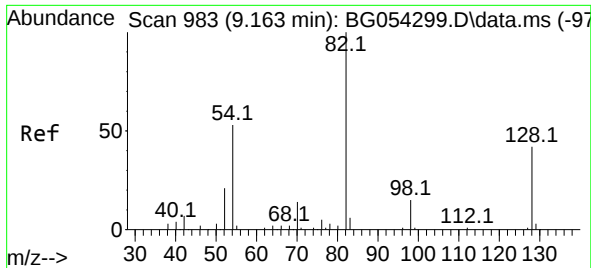


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.803 min Scan# 1262
Delta R.T. -0.005 min
Lab File: BG054348.D
Acq: 21 Jul 2022 17:03



Tgt Ion:136 Resp: 76851
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 6.9 7.4 11.2#
68 3.3 4.9 7.3#





#23
Nitrobenzene-d5
Concen: 54.140 ng
RT: 9.158 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG054348.D
Acq: 21 Jul 2022 17:03

Instrument :

BNA_G

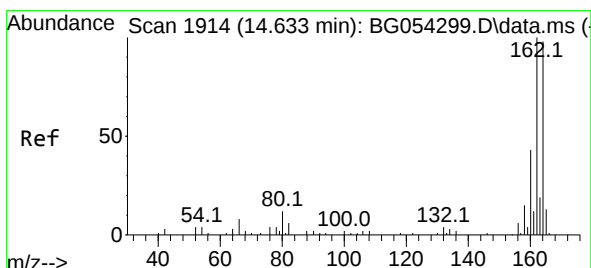
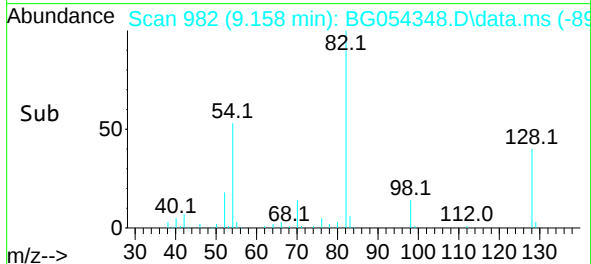
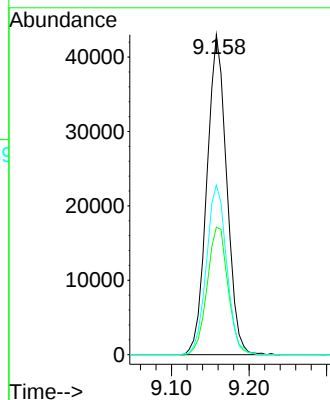
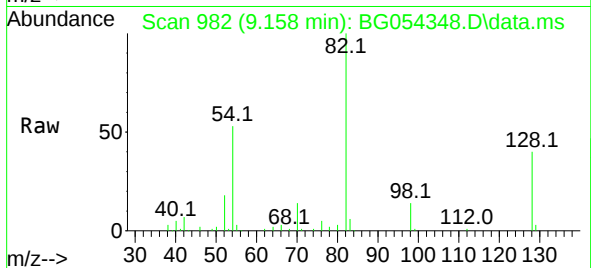
ClientSampleId :

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Tgt Ion: 82 Resp: 76404
Ion Ratio Lower Upper
82 100
128 39.8 27.9 41.9
54 53.0 41.2 61.8

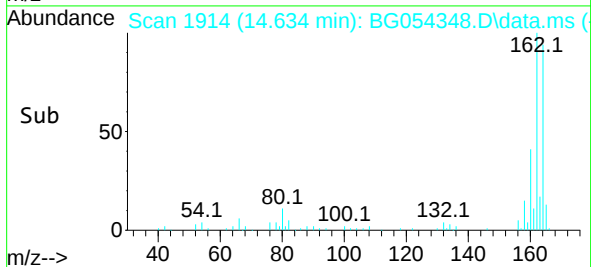
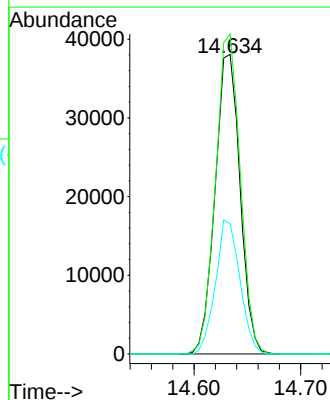
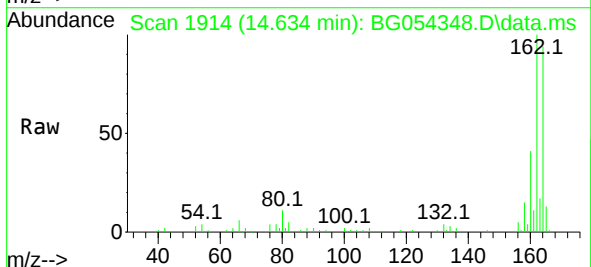
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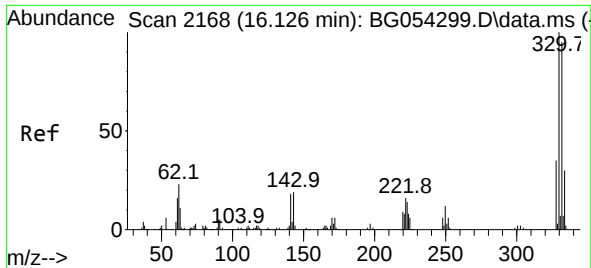
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.634 min Scan# 1914
Delta R.T. 0.001 min
Lab File: BG054348.D
Acq: 21 Jul 2022 17:03

Tgt Ion:164 Resp: 61904
Ion Ratio Lower Upper
164 100
162 106.8 82.3 123.5
160 43.5 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 84.066 ng
RT: 16.120 min Scan# 2168
Delta R.T. -0.005 min
Lab File: BG054348.D
Acq: 21 Jul 2022 17:03

Instrument :

BNA_G

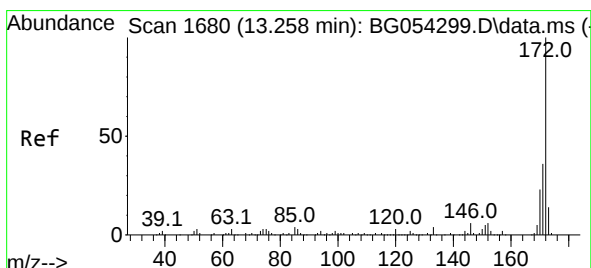
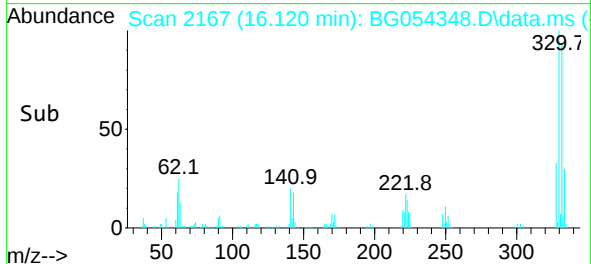
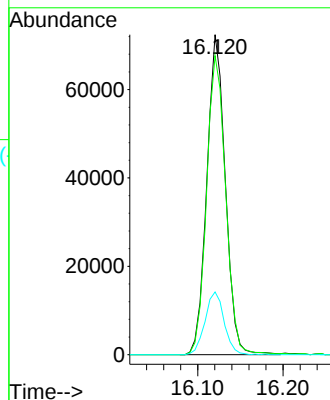
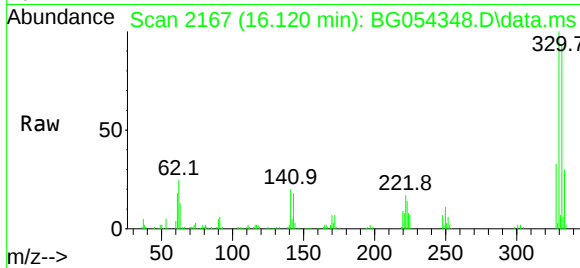
ClientSampleId :

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Tgt Ion:330 Resp: 10926
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 20.2 27.1 40.7

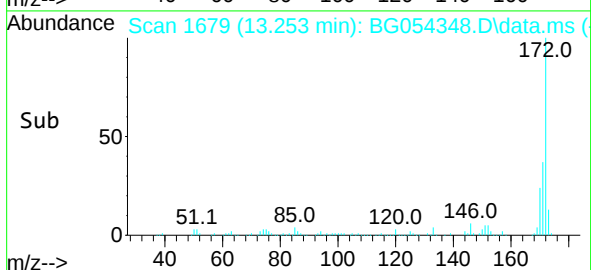
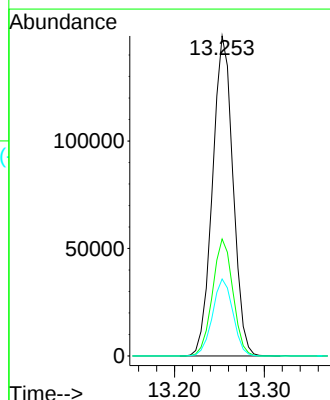
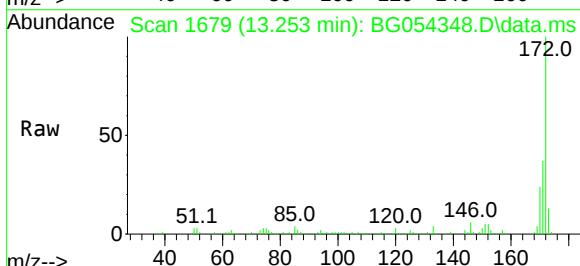
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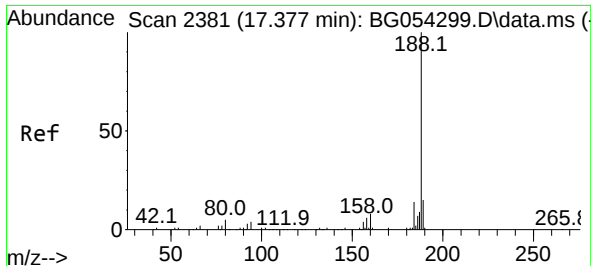
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#45
2-Fluorobiphenyl
Concen: 53.696 ng
RT: 13.253 min Scan# 1679
Delta R.T. -0.005 min
Lab File: BG054348.D
Acq: 21 Jul 2022 17:03

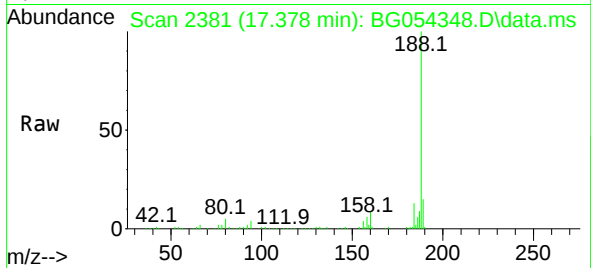
Tgt Ion:172 Resp: 235628
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 24.0 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.378 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG054348.D
Acq: 21 Jul 2022 17:03

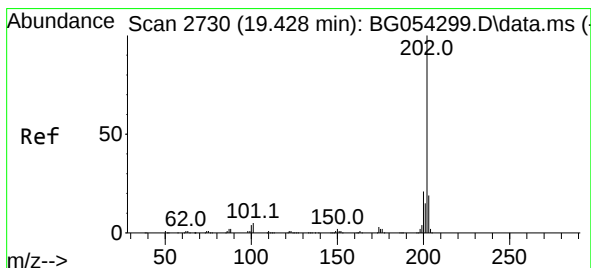
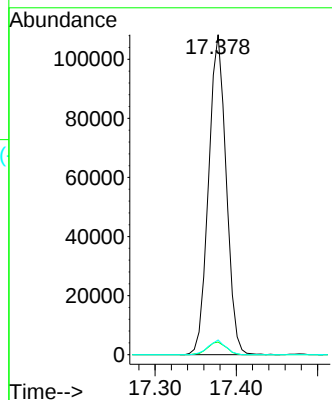
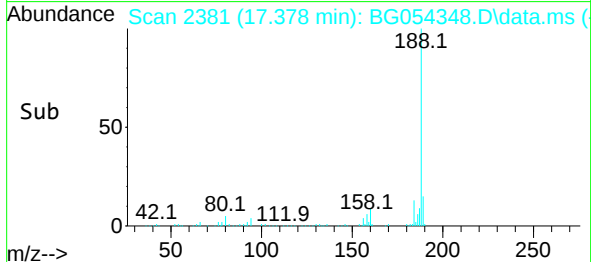
Instrument :
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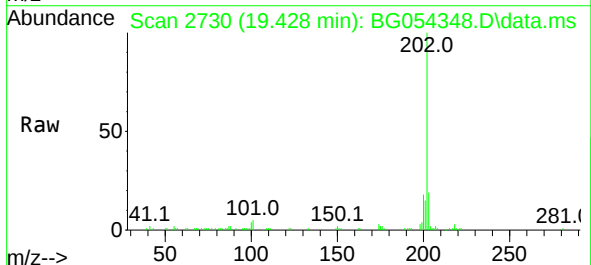
Tgt Ion:188 Resp: 16274
Ion Ratio Lower Upper
188 100
94 3.9 5.4 8.0
80 4.6 6.8 10.2

Manual Integrations
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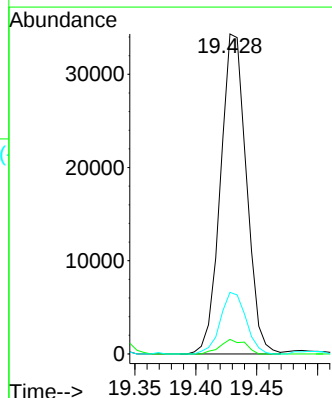
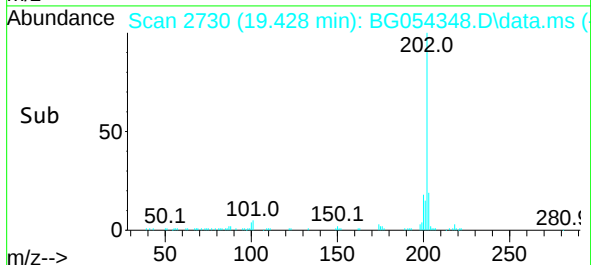
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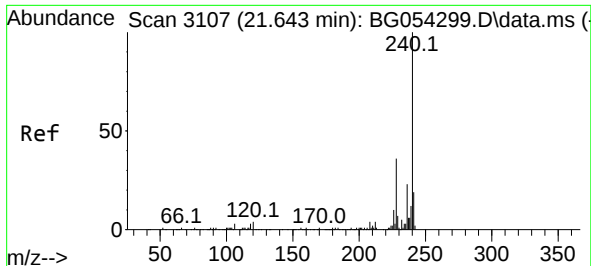


#75
Fluoranthene
Concen: 4.591 ng
RT: 19.428 min Scan# 2730
Delta R.T. 0.000 min
Lab File: BG054348.D
Acq: 21 Jul 2022 17:03



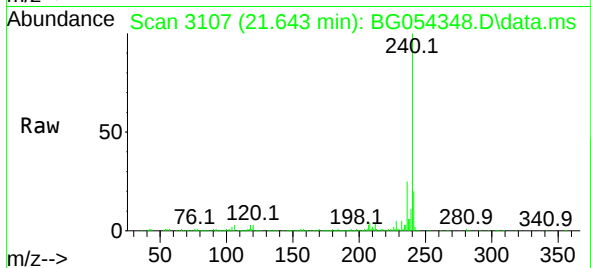
Tgt Ion:202 Resp: 50724
Ion Ratio Lower Upper
202 100
101 4.5 0.0 26.9
203 19.3 0.0 37.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.643 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BG054348.D
Acq: 21 Jul 2022 17:03

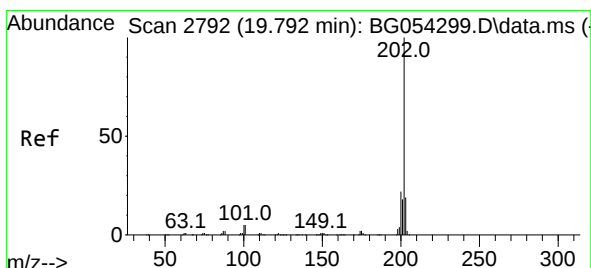
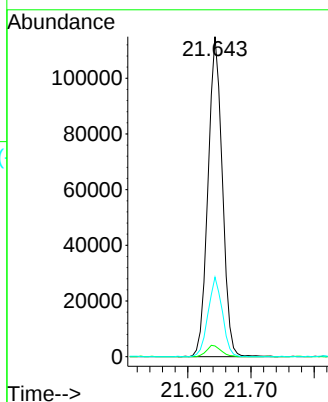
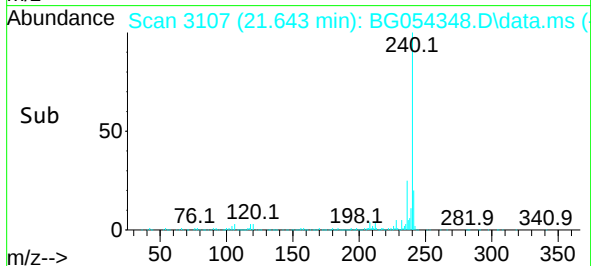
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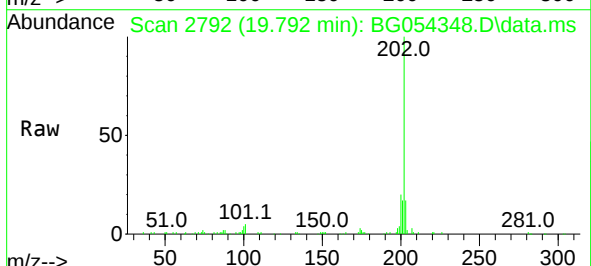
Tgt Ion:240 Resp: 181000
Ion Ratio Lower Upper
240 100
120 3.4 4.6 7.0
236 24.8 20.2 30.4

Manual Integrations
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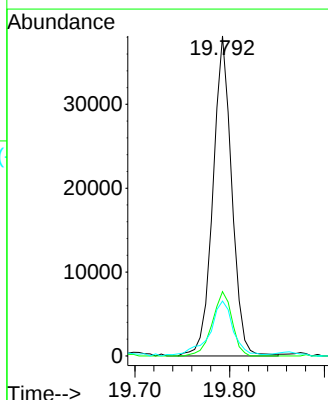
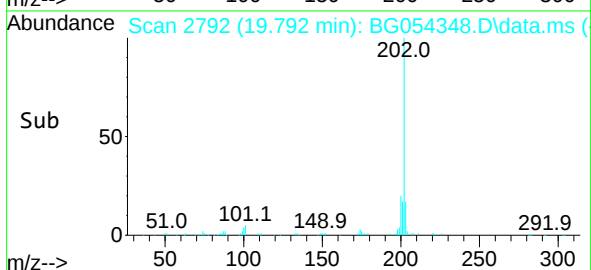
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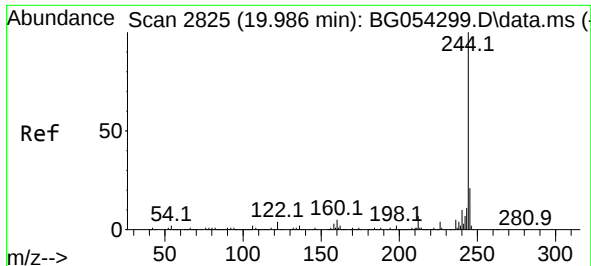


#78
Pyrene
Concen: 5.069 ng
RT: 19.792 min Scan# 2792
Delta R.T. 0.000 min
Lab File: BG054348.D
Acq: 21 Jul 2022 17:03



Tgt Ion:202 Resp: 52644
Ion Ratio Lower Upper
202 100
200 20.1 16.6 24.8
203 17.2 14.6 21.8





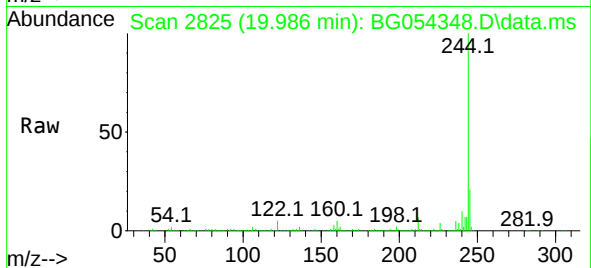
#79
 Terphenyl-d14
 Concen: 57.232 ng
 RT: 19.986 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG054348.D
 Acq: 21 Jul 2022 17:03

Instrument :

BNA_G

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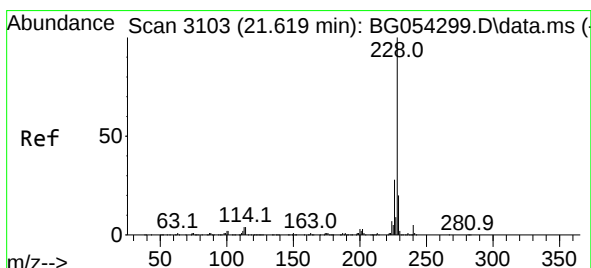
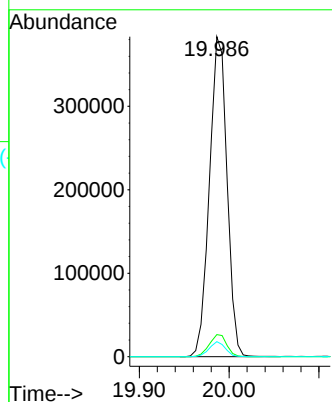
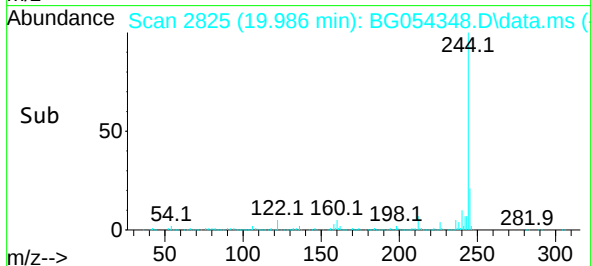


Tgt Ion:244 Resp: 522185
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 4.7 5.0 7.4

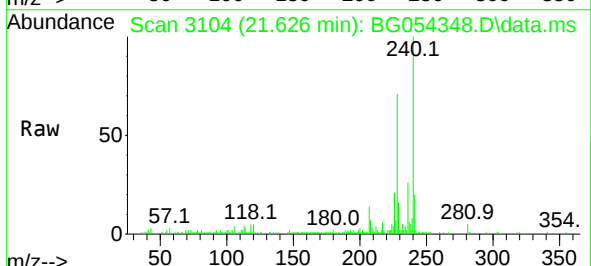
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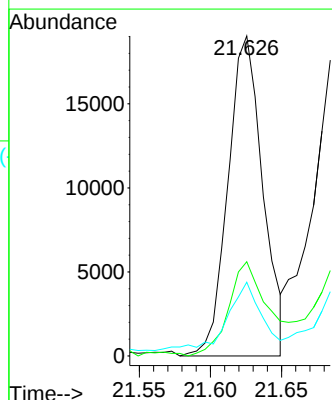
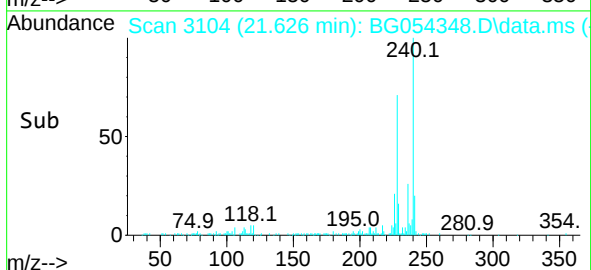
Reviewed By :Christian Giraldo 07/22/2022
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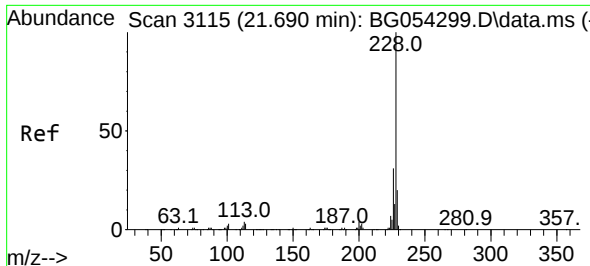


#81
 Benzo(a)anthracene
 Concen: 2.832 ng
 RT: 21.626 min Scan# 3104
 Delta R.T. 0.006 min
 Lab File: BG054348.D
 Acq: 21 Jul 2022 17:03



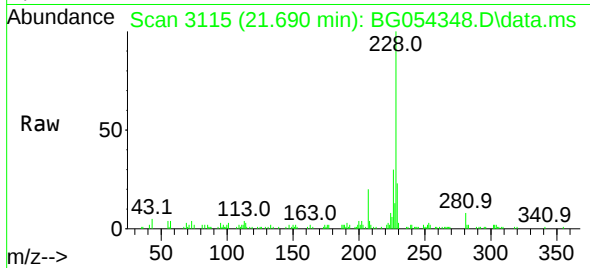
Tgt Ion:228 Resp: 32535
 Ion Ratio Lower Upper
 228 100
 226 29.5 21.6 32.4
 229 23.0 16.2 24.2





#83
Chrysene
Concen: 3.584 ng m
RT: 21.690 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BG054348.D
Acq: 21 Jul 2022 17:03

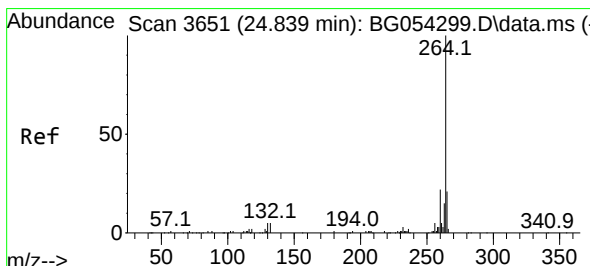
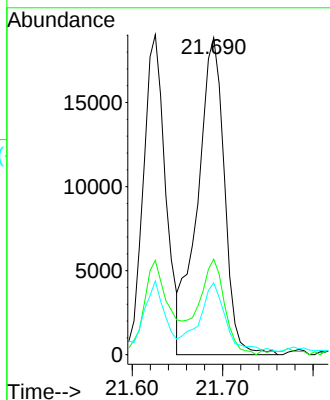
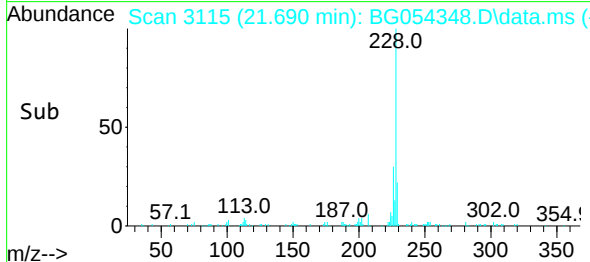
Instrument :
BNA_G
ClientSampleId :
TR-05-072022



Tgt Ion:228 Resp: 3890
Ion Ratio Lower Upper
228 100
226 30.1 23.4 35.2
229 22.7 15.5 23.3

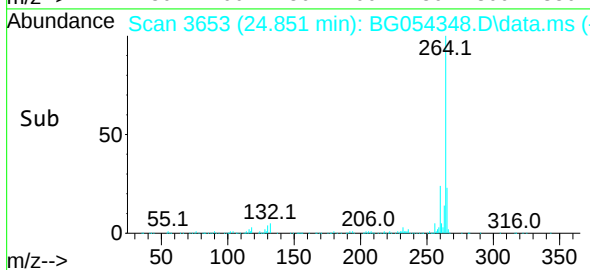
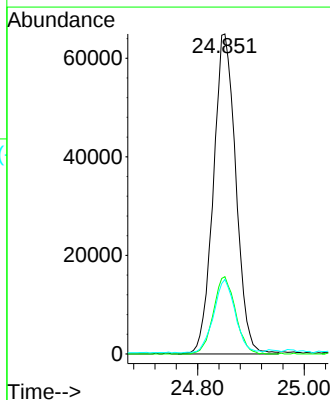
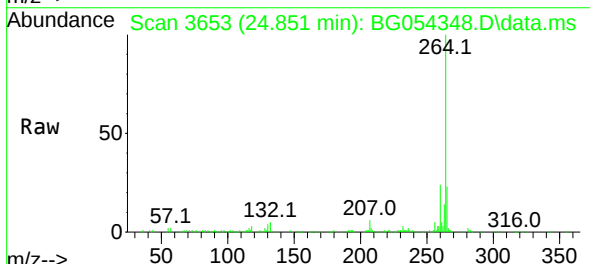
Manual Integrations
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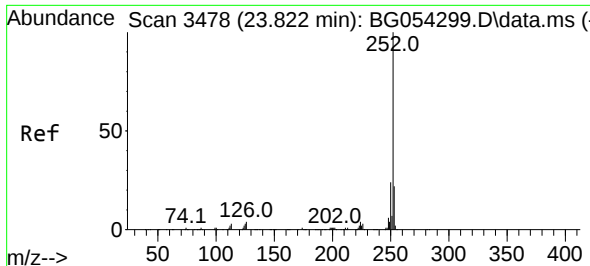
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.851 min Scan# 3653
Delta R.T. 0.012 min
Lab File: BG054348.D
Acq: 21 Jul 2022 17:03

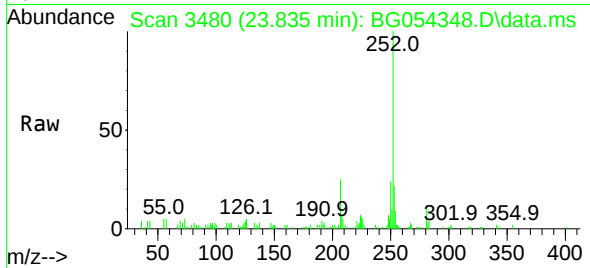
Tgt Ion:264 Resp: 190149
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 23.3 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 4.367 ng
RT: 23.835 min Scan# 3478
Delta R.T. 0.012 min
Lab File: BG054348.D
Acq: 21 Jul 2022 17:03

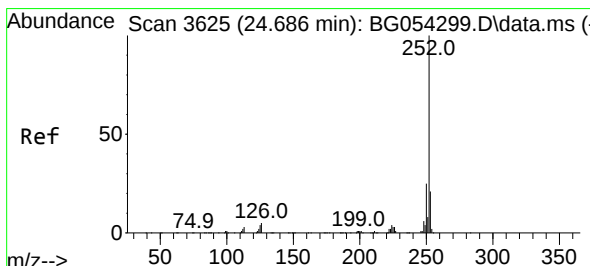
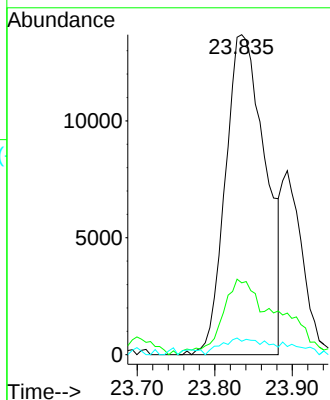
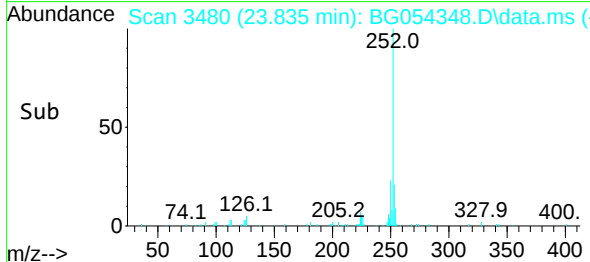
Instrument :
BNA_G
ClientSampleId :
TR-05-072022



Tgt Ion:252 Resp: 49104
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 4.2 4.6 6.8

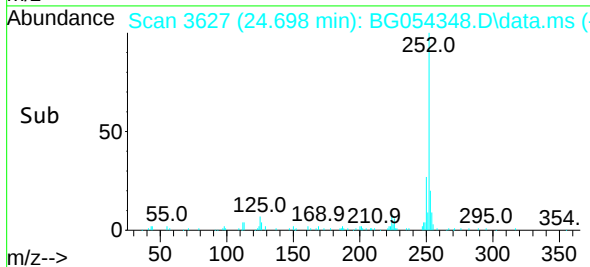
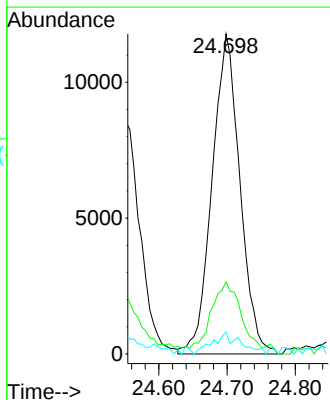
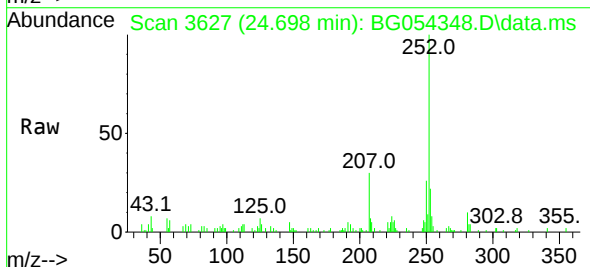
Manual Integrations
APPROVED

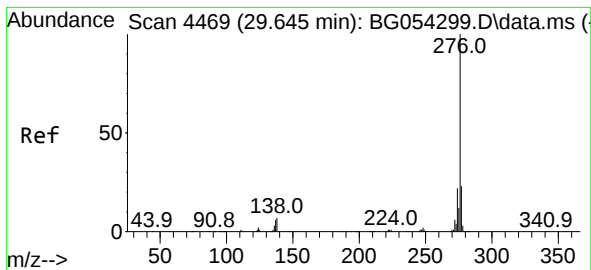
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#90
Benzo(a)pyrene
Concen: 3.478 ng
RT: 24.698 min Scan# 3627
Delta R.T. 0.012 min
Lab File: BG054348.D
Acq: 21 Jul 2022 17:03

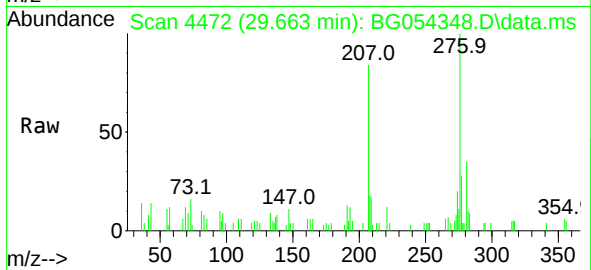
Tgt Ion:252 Resp: 33402
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 6.9 4.3 6.5





#92
 Benzo(g,h,i)perylene
 Concen: 2.050 ng
 RT: 29.663 min Scan# 44
 Delta R.T. 0.018 min
 Lab File: BG054348.D
 Acq: 21 Jul 2022 17:03

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-072022



Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.8	17.3	25.9
138	7.7	9.6	14.4

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 07/22/2022
 Supervised By :Jagrut Upadhyay 07/22/2022

