

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071422\
 Data File : BG054290.D
 Acq On : 14 Jul 2022 21:52
 Operator : CG/JU
 Sample : N3688-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-12016

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/15/2022
 Supervised By : Jagrut Upadhyay 07/15/2022

Quant Time: Jul 15 01:59:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 15:49:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.041	152	18926	20.000	ng	# 0.00
21) Naphthalene-d8	10.844	136	70601	20.000	ng	# 0.00
39) Acenaphthene-d10	14.669	164	57939	20.000	ng	0.00
64) Phenanthrene-d10	17.412	188	159729	20.000	ng	# 0.00
76) Chrysene-d12	21.684	240	189164	20.000	ng	# 0.00
86) Perylene-d12	24.915	264	201942	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.609	112	99506	105.631	ng	0.00
7) Phenol-d6	7.207	99	132816	102.223	ng	0.00
23) Nitrobenzene-d5	9.199	82	89759	68.992	ng	0.00
42) 2,4,6-Tribromophenol	16.155	330	136806	121.894	ng	0.00
45) 2-Fluorobiphenyl	13.288	172	290467	73.663	ng	0.00
79) Terphenyl-d14	20.015	244	690954	75.113	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.448	178	53271	6.667	ng	98
75) Fluoranthene	19.463	202	164923	15.178	ng	95
78) Pyrene	19.821	202	147850	13.581	ng	98
81) Benzo(a)anthracene	21.660	228	96137	8.034	ng	98
83) Chrysene	21.725	228	96194	8.500	ng	97
87) Indeno(1,2,3-cd)pyrene	28.605	276	72043	4.742	ng	99
88) Benzo(b)fluoranthene	23.887	252	141430m	11.811	ng	
89) Benzo(k)fluoranthene	23.946	252	35925m	3.024	ng	
90) Benzo(a)pyrene	24.763	252	86274m	8.420	ng	
92) Benzo(g,h,i)perylene	29.757	276	66778	5.379	ng	# 90

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

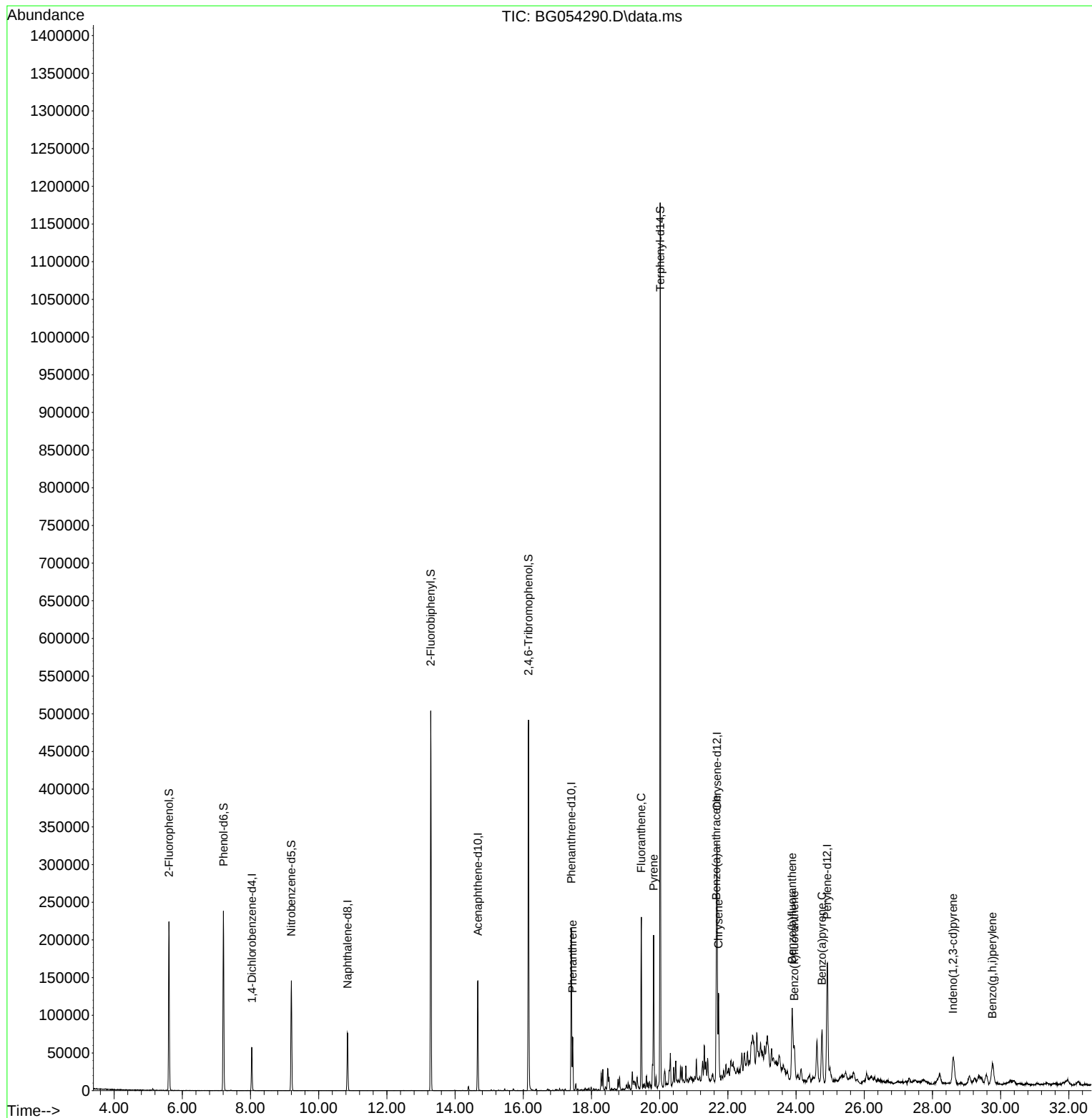
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071422\
Data File : BG054290.D
Acq On : 14 Jul 2022 21:52
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ALS Vial : 12 Sample Multiplier: 1

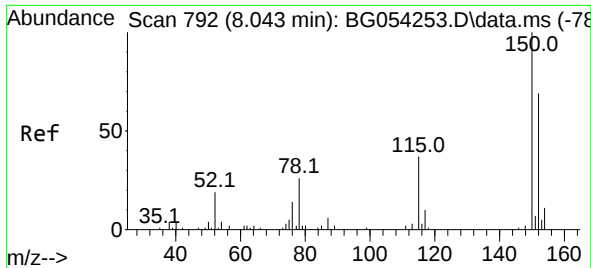
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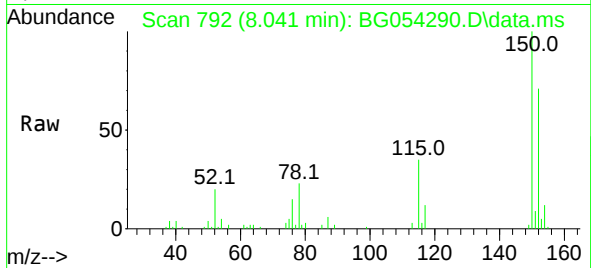
Quant Time: Jul 15 01:59:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 15:49:20 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.041 min Scan# 792
Delta R.T. -0.002 min
Lab File: BG054290.D
Acq: 14 Jul 2022 21:52

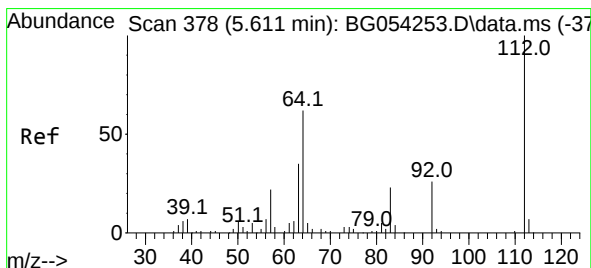
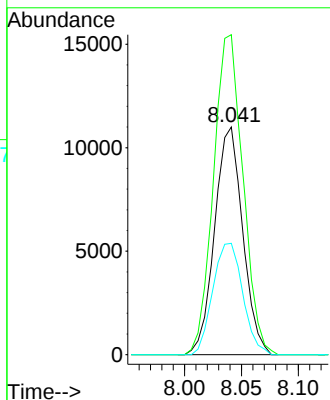
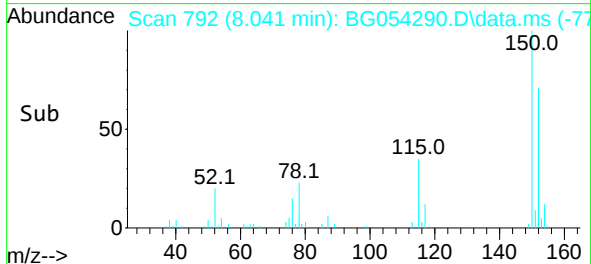
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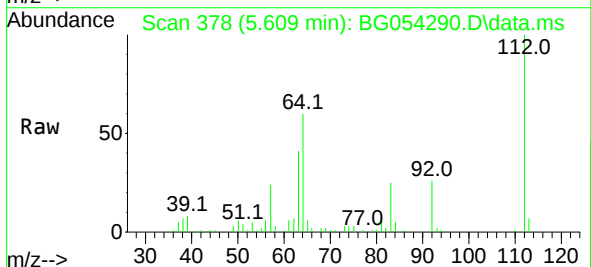
Tgt Ion:152 Resp: 18920
Ion Ratio Lower Upper
152 100
150 140.6 131.6 197.4
115 48.9 50.9 76.3

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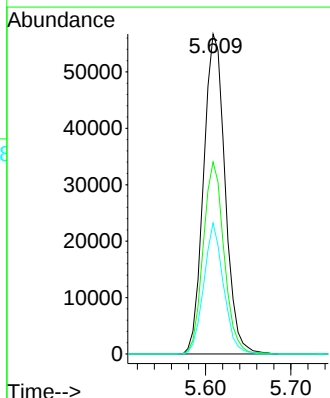
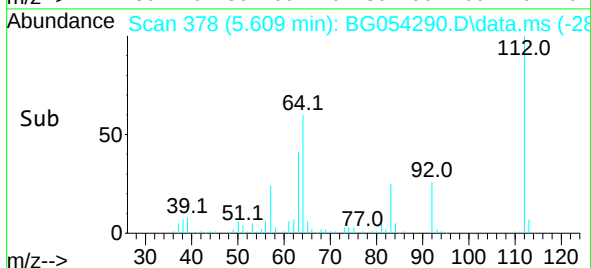
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

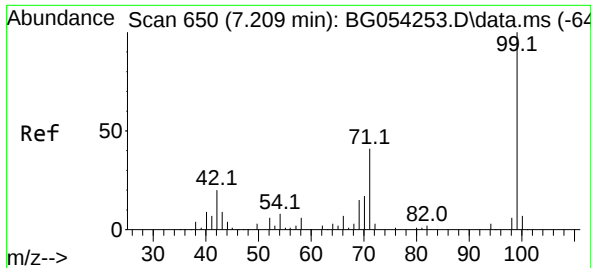


#5
2-Fluorophenol
Concen: 105.631 ng
RT: 5.609 min Scan# 378
Delta R.T. -0.002 min
Lab File: BG054290.D
Acq: 14 Jul 2022 21:52



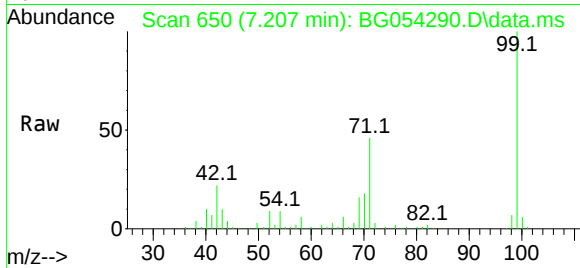
Tgt Ion:112 Resp: 99506
Ion Ratio Lower Upper
112 100
64 60.0 55.1 82.7
63 40.9 30.4 45.6





#7
Phenol-d6
Concen: 102.223 ng
RT: 7.207 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG054290.D
Acq: 14 Jul 2022 21:52

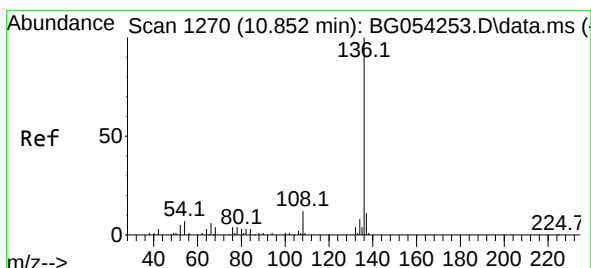
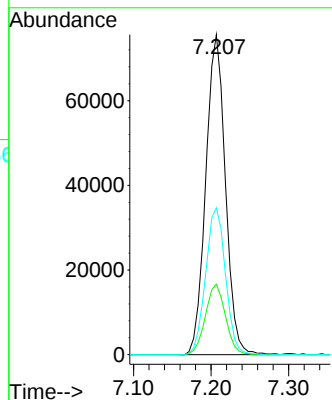
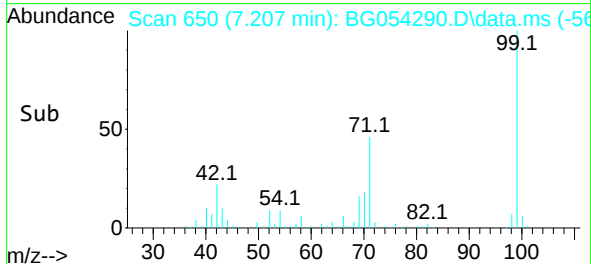
Instrument :
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ClientSampleId :
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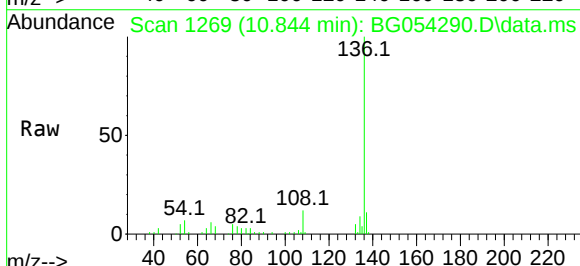
Tgt Ion: 99 Resp: 132810
Ion Ratio Lower Upper
99 100
42 22.1 17.0 25.6
71 45.9 33.8 50.8

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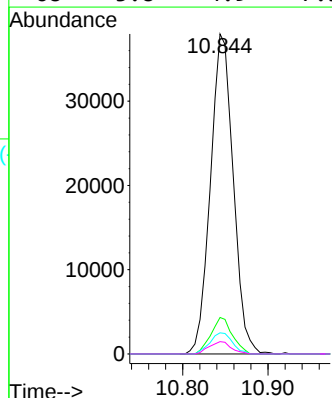
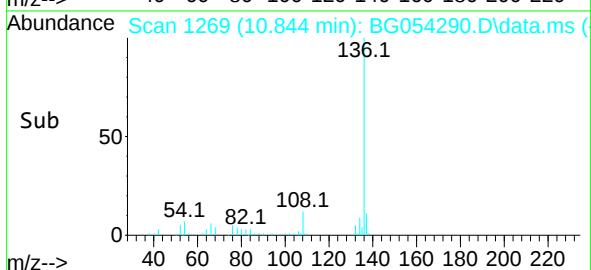
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

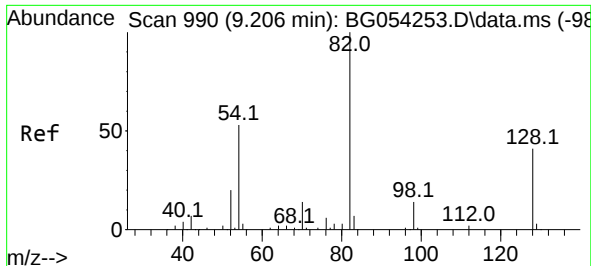


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.844 min Scan# 1269
Delta R.T. -0.008 min
Lab File: BG054290.D
Acq: 14 Jul 2022 21:52



Tgt Ion:136 Resp: 70601
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 6.6 7.4 11.2#
68 3.8 4.9 7.3#





#23
Nitrobenzene-d5
Concen: 68.992 ng
RT: 9.199 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG054290.D
Acq: 14 Jul 2022 21:52

Instrument :

BNA_G

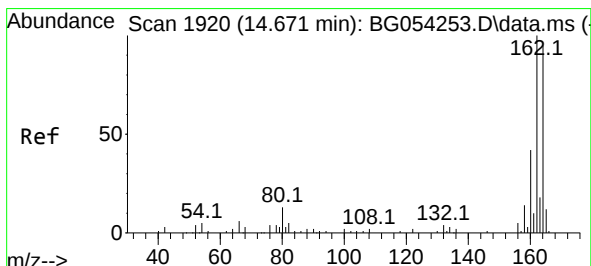
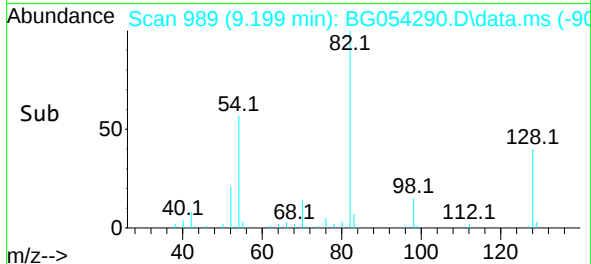
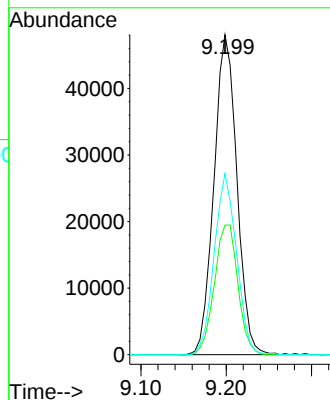
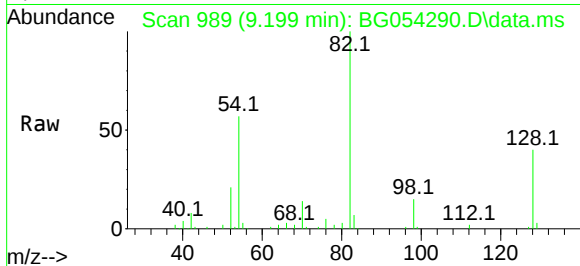
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Tgt Ion: 82 Resp: 89759
Ion Ratio Lower Upper
82 100
128 40.5 27.9 41.9
54 56.7 41.2 61.8

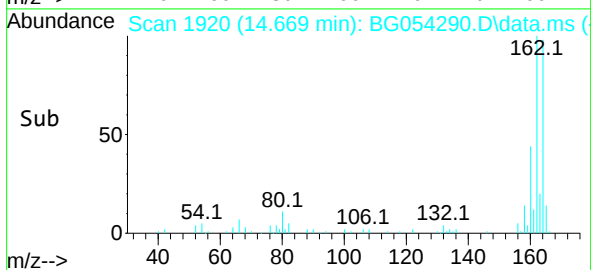
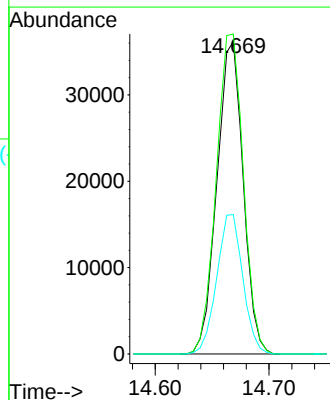
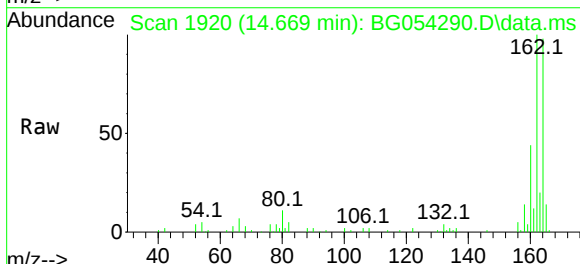
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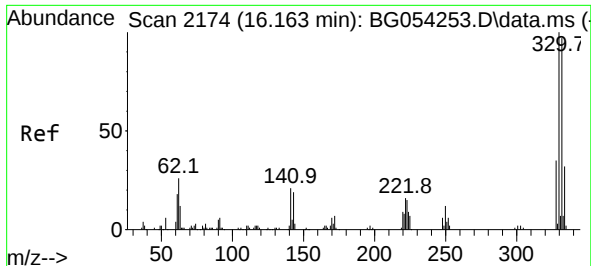
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.669 min Scan# 1920
Delta R.T. -0.002 min
Lab File: BG054290.D
Acq: 14 Jul 2022 21:52

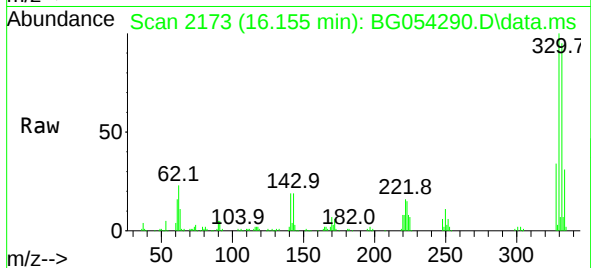
Tgt Ion:164 Resp: 57939
Ion Ratio Lower Upper
164 100
162 102.4 82.3 123.5
160 44.6 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 121.894 ng
RT: 16.155 min Scan# 2173
Delta R.T. -0.008 min
Lab File: BG054290.D
Acq: 14 Jul 2022 21:52

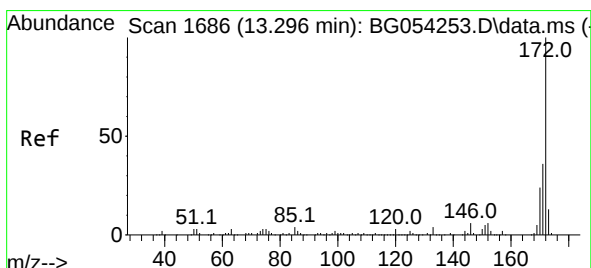
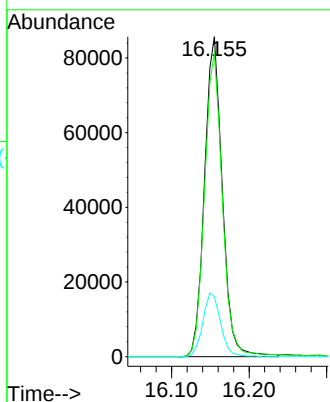
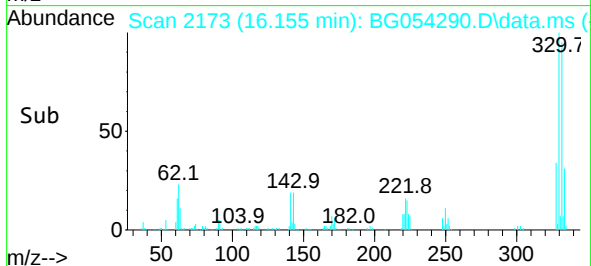
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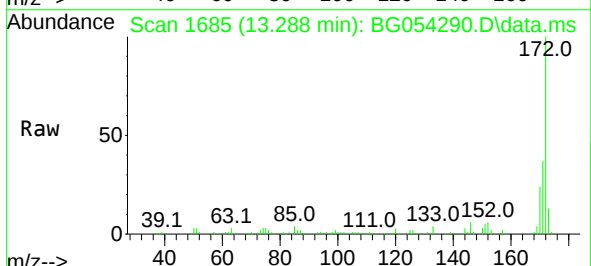
Tgt Ion:330 Resp: 136800
Ion Ratio Lower Upper
330 100
332 95.6 76.0 114.0
141 19.9 27.1 40.7

Manual Integrations
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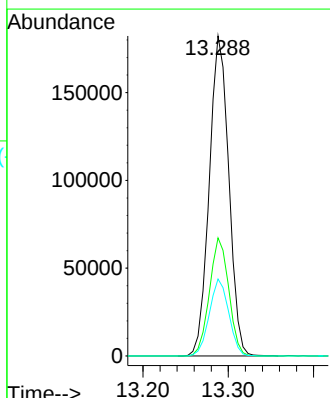
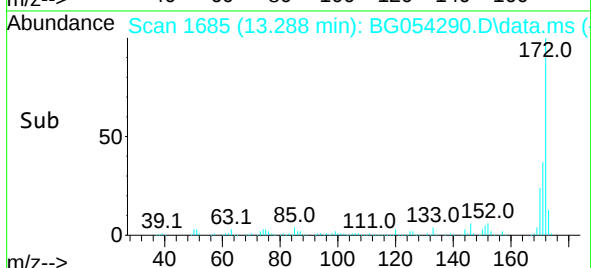
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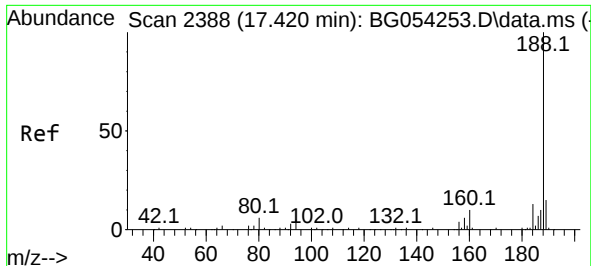


#45
2-Fluorobiphenyl
Concen: 73.663 ng
RT: 13.288 min Scan# 1685
Delta R.T. -0.008 min
Lab File: BG054290.D
Acq: 14 Jul 2022 21:52



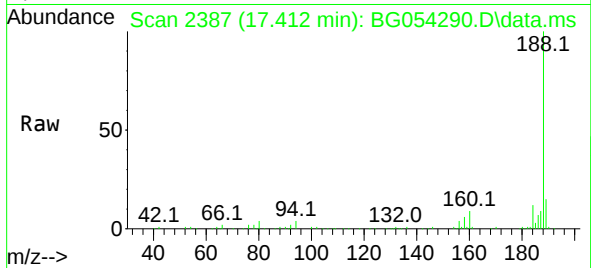
Tgt Ion:172 Resp: 290467
Ion Ratio Lower Upper
172 100
171 36.9 28.5 42.7
170 24.1 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.412 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG054290.D
Acq: 14 Jul 2022 21:52

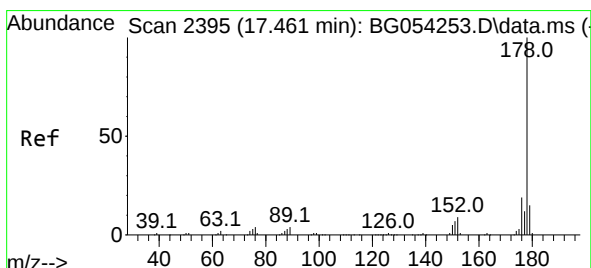
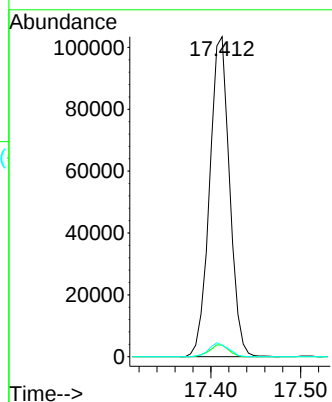
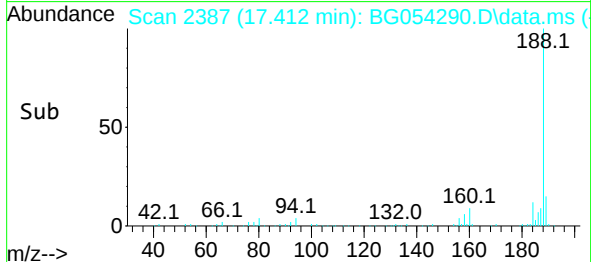
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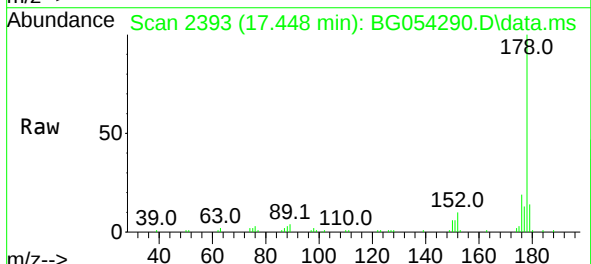
Tgt Ion:188 Resp: 159729
Ion Ratio Lower Upper
188 100
94 3.6 5.4 8.0
80 3.6 6.8 10.2

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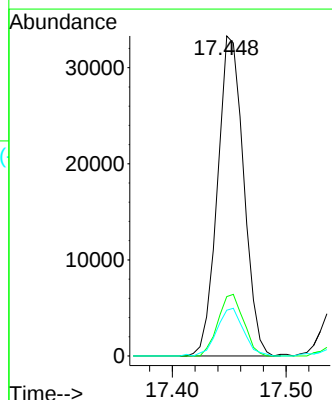
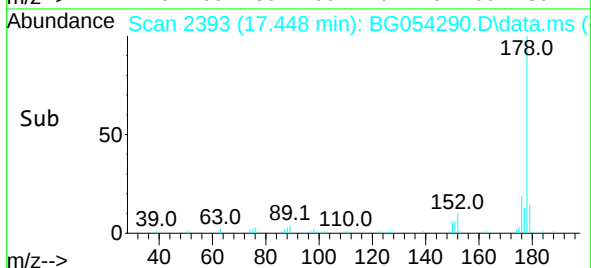
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Supervised By :Jagrut Upadhyay 07/15/2022

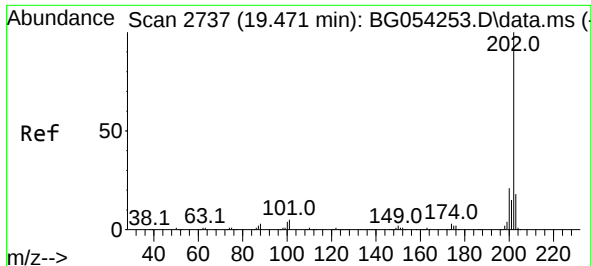


#71
Phenanthrene
Concen: 6.667 ng
RT: 17.448 min Scan# 2393
Delta R.T. -0.014 min
Lab File: BG054290.D
Acq: 14 Jul 2022 21:52



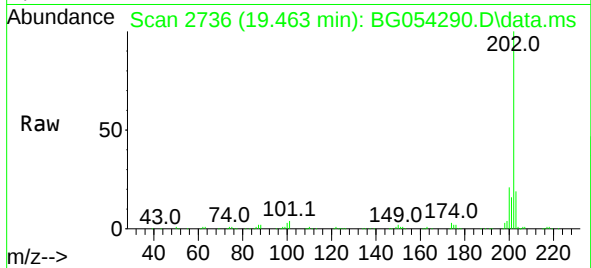
Tgt Ion:178 Resp: 53271
Ion Ratio Lower Upper
178 100
176 18.6 14.1 21.1
179 14.3 12.1 18.1





#75
Fluoranthene
Concen: 15.178 ng
RT: 19.463 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG054290.D
Acq: 14 Jul 2022 21:52

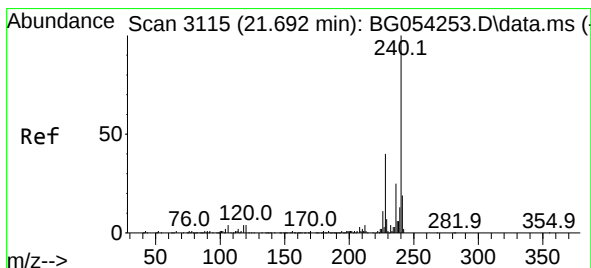
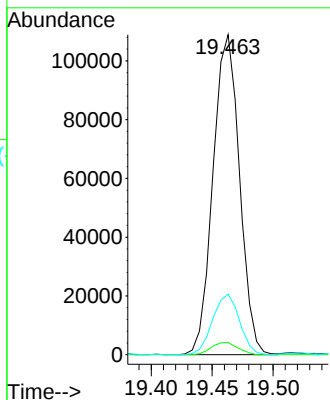
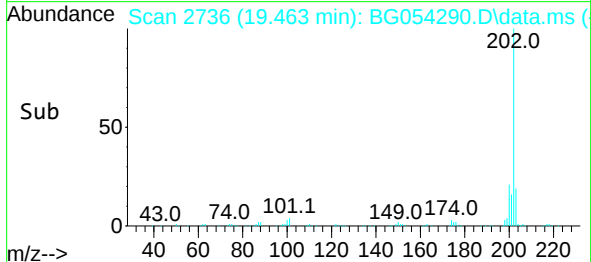
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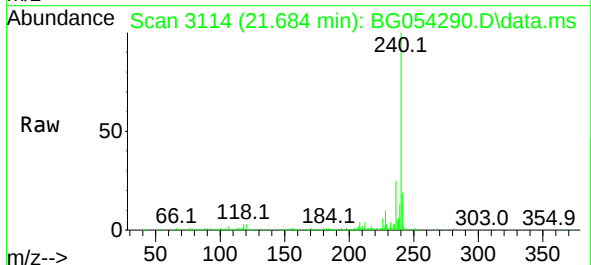
Tgt Ion:202 Resp: 16492
Ion Ratio Lower Upper
202 100
101 3.8 0.0 26.9
203 18.9 0.0 37.2

Manual Integrations
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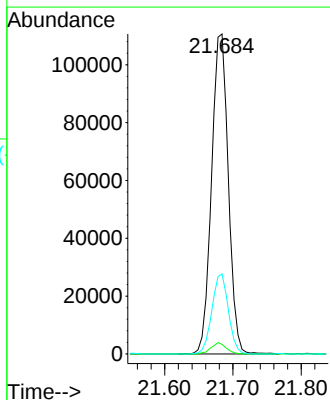
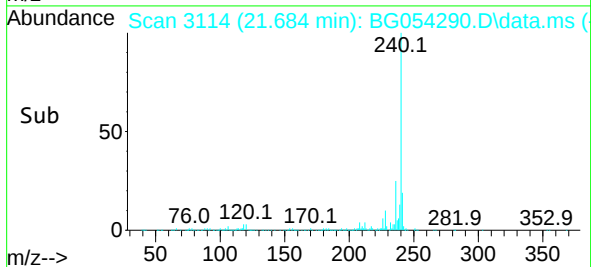
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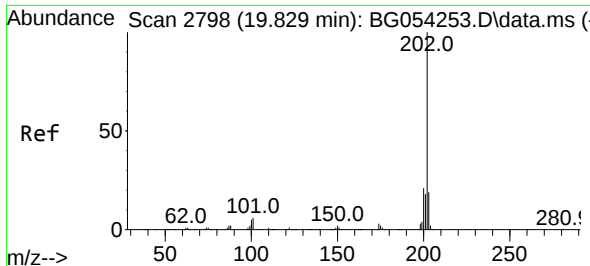


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.684 min Scan# 3114
Delta R.T. -0.008 min
Lab File: BG054290.D
Acq: 14 Jul 2022 21:52



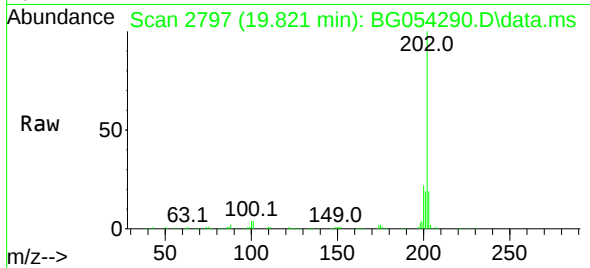
Tgt Ion:240 Resp: 189164
Ion Ratio Lower Upper
240 100
120 3.0 4.6 7.0#
236 25.0 20.2 30.4





#78
Pyrene
Concen: 13.581 ng
RT: 19.821 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG054290.D
Acq: 14 Jul 2022 21:52

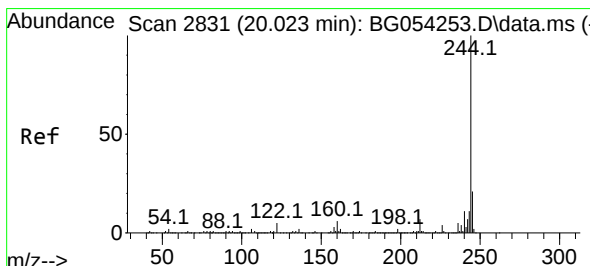
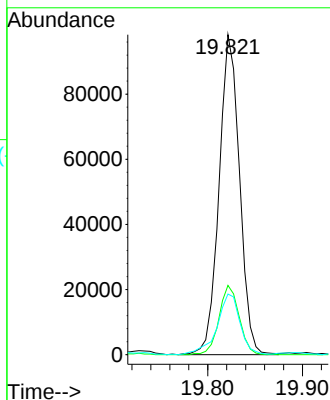
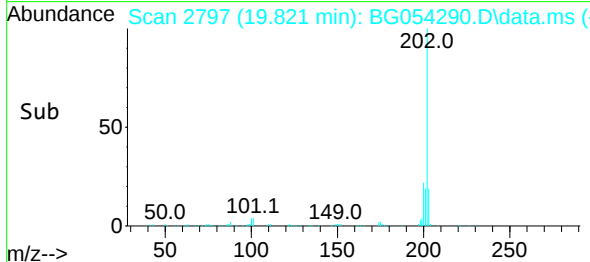
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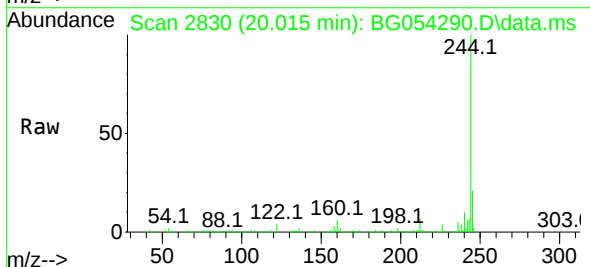
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Ion Ratio Lower Upper
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200 21.7 16.6 24.8
203 19.0 14.6 21.8

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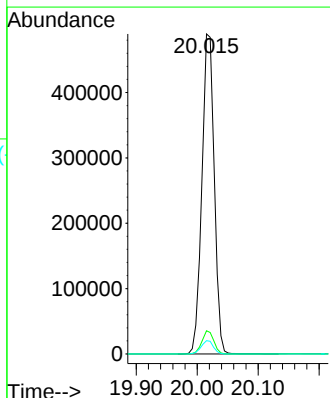
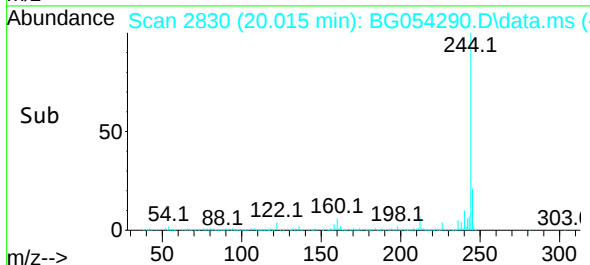
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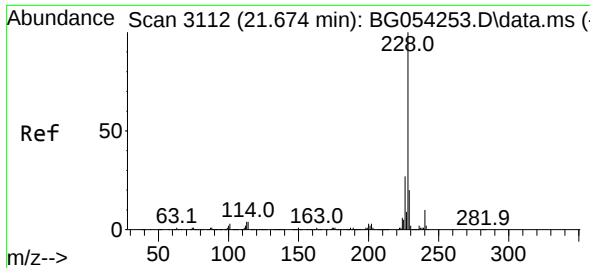


#79
Terphenyl-d14
Concen: 75.113 ng
RT: 20.015 min Scan# 2830
Delta R.T. -0.008 min
Lab File: BG054290.D
Acq: 14 Jul 2022 21:52



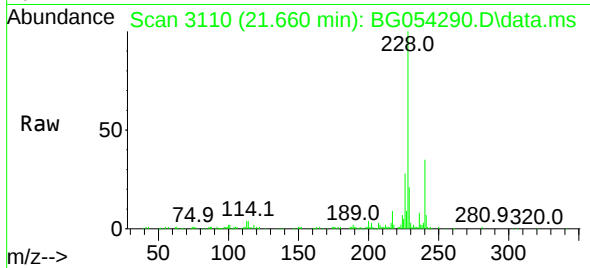
Tgt Ion:244 Resp: 690954
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 4.2 5.0 7.4#





#81
Benzo(a)anthracene
Concen: 8.034 ng
RT: 21.660 min Scan# 3112
Delta R.T. -0.014 min
Lab File: BG054290.D
Acq: 14 Jul 2022 21:52

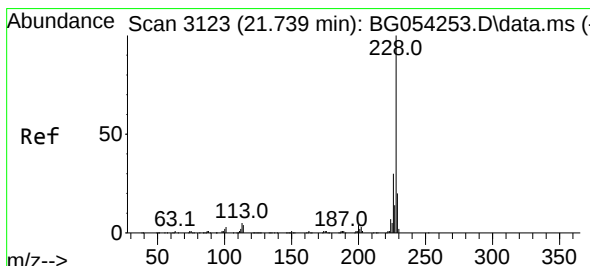
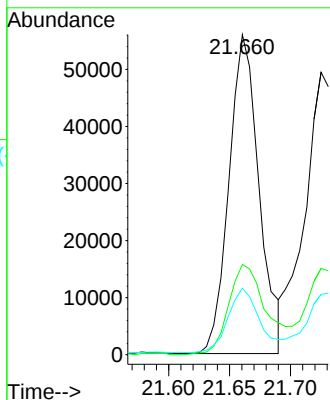
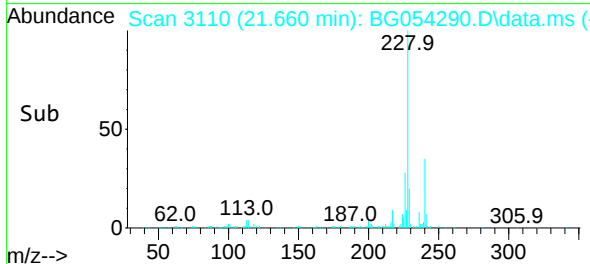
Instrument :
BNA_G
ClientSampleId :
72-12016



Tgt Ion:228 Resp: 9613
Ion Ratio Lower Upper
228 100
226 28.2 21.6 32.4
229 20.8 16.2 24.2

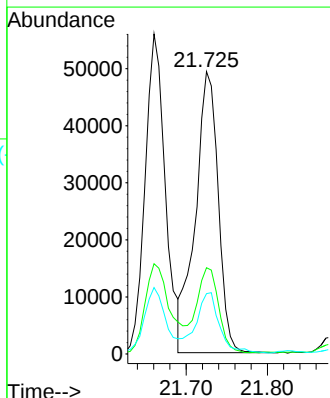
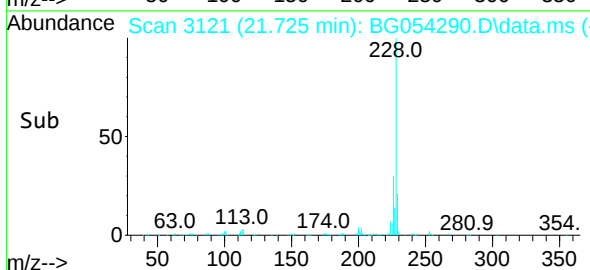
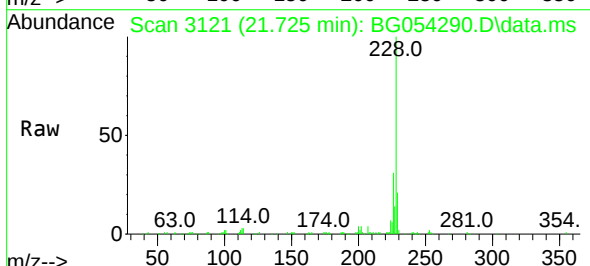
Manual Integrations
APPROVED

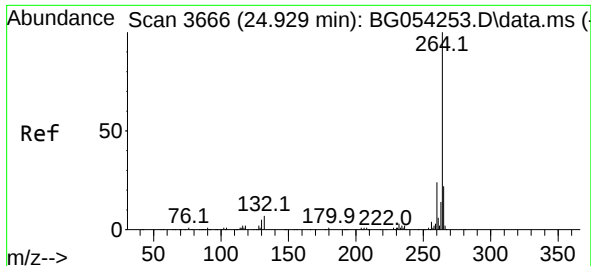
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#83
Chrysene
Concen: 8.500 ng
RT: 21.725 min Scan# 3121
Delta R.T. -0.014 min
Lab File: BG054290.D
Acq: 14 Jul 2022 21:52

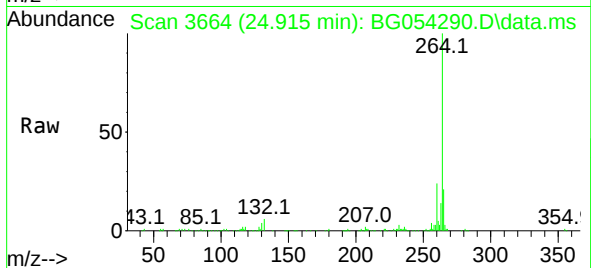
Tgt Ion:228 Resp: 96194
Ion Ratio Lower Upper
228 100
226 30.6 23.4 35.2
229 21.3 15.5 23.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.915 min Scan# 30
Delta R.T. -0.014 min
Lab File: BG054290.D
Acq: 14 Jul 2022 21:52

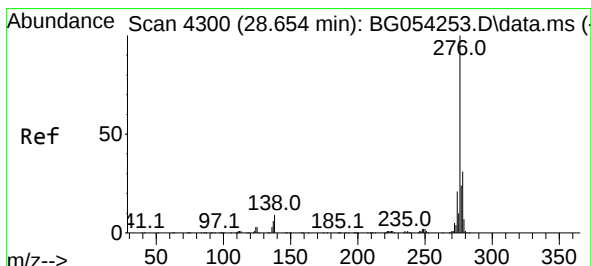
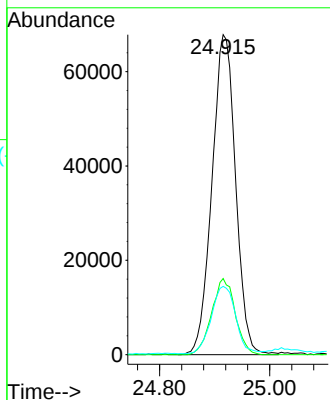
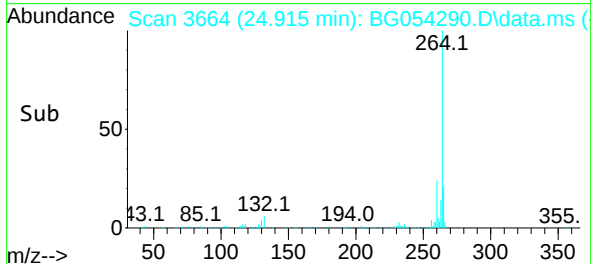
Instrument :
BNA_G
ClientSampleId :
72-12016



Tgt Ion:264 Resp: 20194
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 21.3 17.4 26.2

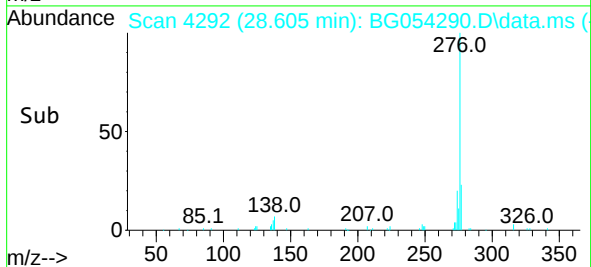
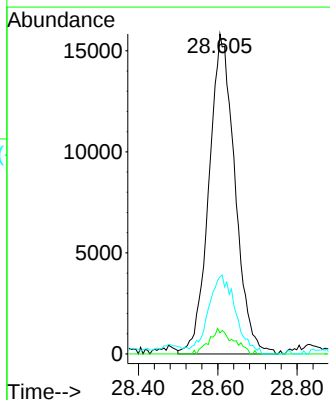
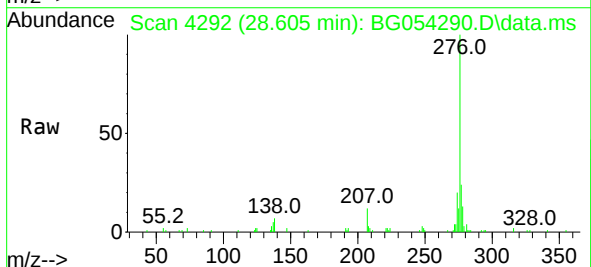
Manual Integrations
APPROVED

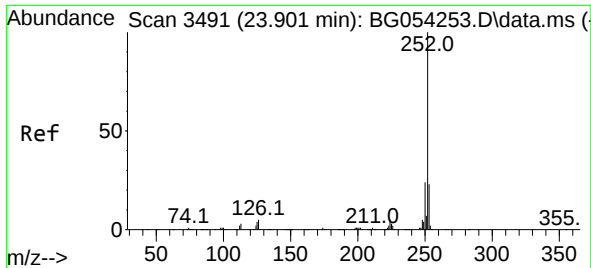
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.742 ng
RT: 28.605 min Scan# 4292
Delta R.T. -0.049 min
Lab File: BG054290.D
Acq: 14 Jul 2022 21:52

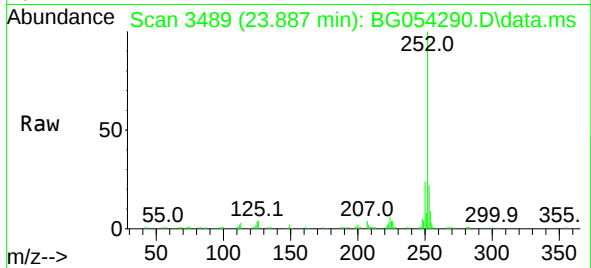
Tgt Ion:276 Resp: 72043
Ion Ratio Lower Upper
276 100
138 7.2 5.0 7.4
277 25.6 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 11.811 ng m
RT: 23.887 min Scan# 3491
Delta R.T. -0.014 min
Lab File: BG054290.D
Acq: 14 Jul 2022 21:52

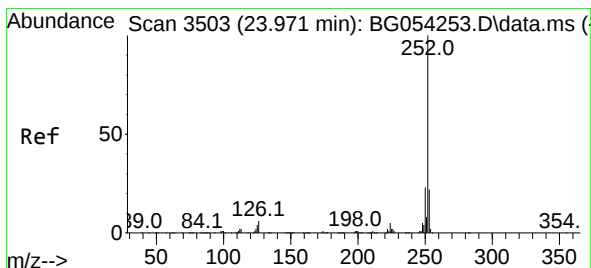
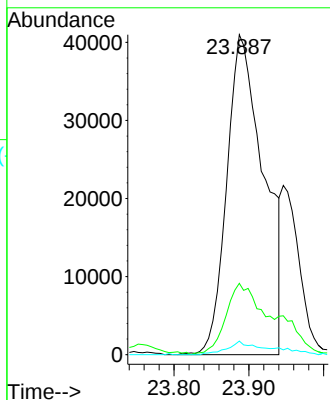
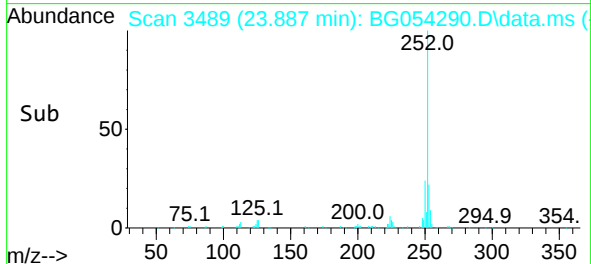
Instrument :
BNA_G
ClientSampleId :
72-12016



Tgt Ion:252 Resp: 141430
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 4.3 4.6 6.8

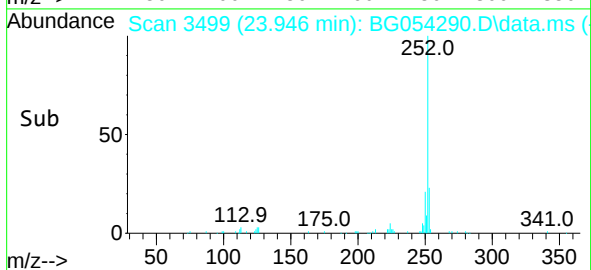
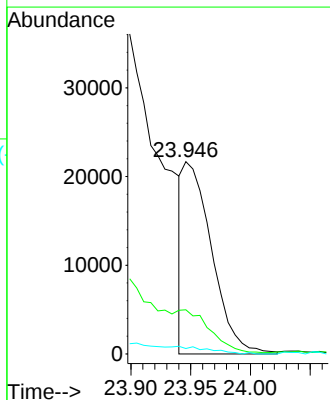
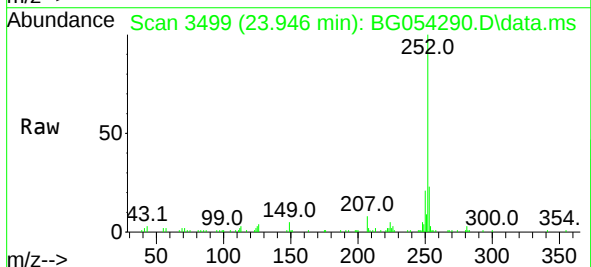
Manual Integrations
APPROVED

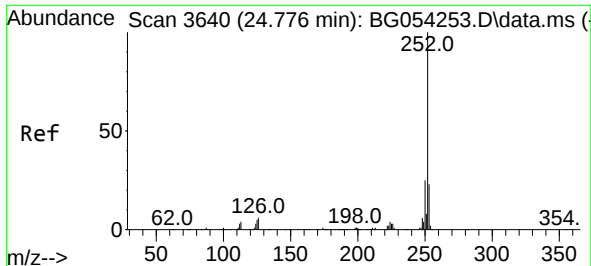
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#89
Benzo(k)fluoranthene
Concen: 3.024 ng m
RT: 23.946 min Scan# 3499
Delta R.T. -0.025 min
Lab File: BG054290.D
Acq: 14 Jul 2022 21:52

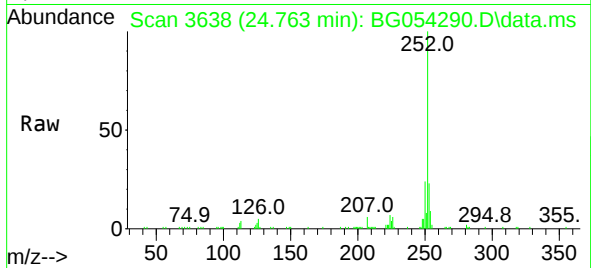
Tgt Ion:252 Resp: 35925
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 2.8 4.8 7.2





#90
Benzo(a)pyrene
Concen: 8.420 ng m
RT: 24.763 min Scan# 30
Delta R.T. -0.014 min
Lab File: BG054290.D
Acq: 14 Jul 2022 21:52

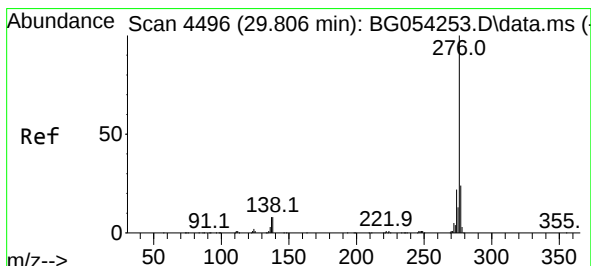
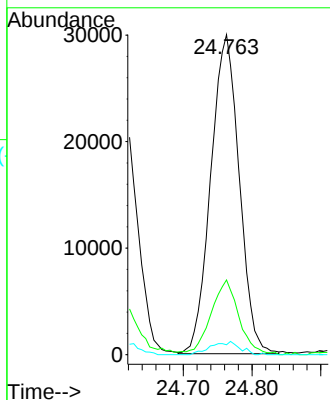
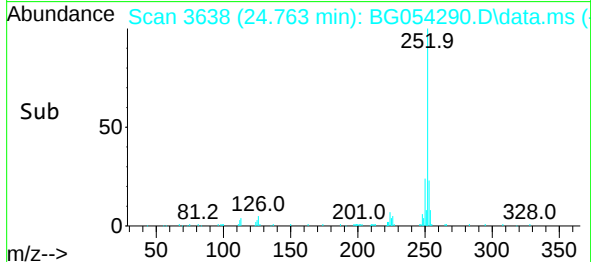
Instrument :
BNA_G
ClientSampleId :
72-12016



Tgt Ion:252 Resp: 86274
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 3.1 4.3 6.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#92
Benzo(g,h,i)perylene
Concen: 5.379 ng
RT: 29.757 min Scan# 4488
Delta R.T. -0.049 min
Lab File: BG054290.D
Acq: 14 Jul 2022 21:52

Tgt Ion:276 Resp: 66778
Ion Ratio Lower Upper
276 100
277 25.4 17.3 25.9
138 6.6 9.6 14.4

