

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
 Data File : BG055280.D
 Acq On : 25 Oct 2022 17:49
 Operator : CG/JU
 Sample : N5254-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-3-102122

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/26/2022
 Supervised By : Jagrut Upadhyay 10/27/2022

Quant Time: Oct 26 14:45:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.272	152	41741	20.000	ng	0.00
21) Naphthalene-d8	11.104	136	177644	20.000	ng	0.00
39) Acenaphthene-d10	14.882	164	112775	20.000	ng	0.00
64) Phenanthrene-d10	17.614	188	246184	20.000	ng	0.00
76) Chrysene-d12	21.892	240	239437	20.000	ng	0.00
86) Perylene-d12	25.288	264	250110	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	222722	93.429	ng	0.00
7) Phenol-d6	7.409	99	301018	87.158	ng	0.00
23) Nitrobenzene-d5	9.441	82	187335	53.849	ng	0.00
42) 2,4,6-Tribromophenol	16.363	330	110692	90.290	ng	0.00
45) 2-Fluorobiphenyl	13.513	172	388852	56.436	ng	0.00
79) Terphenyl-d14	20.188	244	608839	52.831	ng	0.00
Target Compounds						
						Qvalue
20) 3+4-Methylphenols	9.030	107	80638	20.579	ng	89
37) 2-Methylnaphthalene	12.732	142	13884	2.032	ng	99
38) 1-Methylnaphthalene	12.949	142	14659	2.175	ng	# 97
71) Phenanthrene	17.655	178	52400	3.991	ng	98
75) Fluoranthene	19.647	202	72577	4.744	ng	99
78) Pyrene	20.006	202	67859	4.135	ng	97
81) Benzo(a)anthracene	21.874	228	33380	2.076	ng	97
83) Chrysene	21.939	228	44455m	2.911	ng	
88) Benzo(b)fluoranthene	24.201	252	59973	3.986	ng	# 93
90) Benzo(a)pyrene	25.123	252	38452	2.980	ng	# 90
92) Benzo(g,h,i)perylene	30.399	276	32171	2.140	ng	# 88

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

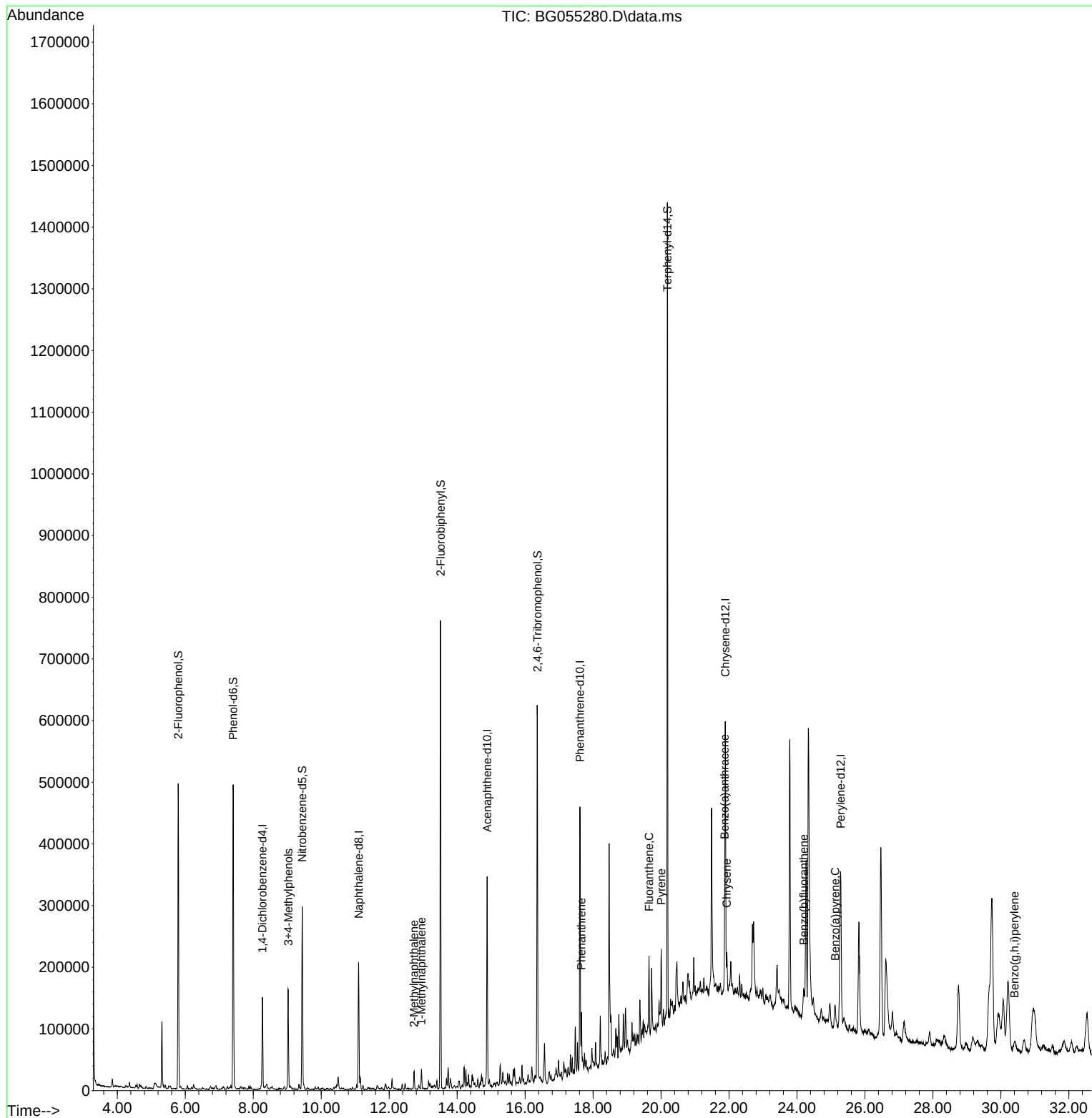
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
Data File : BG055280.D
Acq On : 25 Oct 2022 17:49
Operator : CG/JU
Sample : N5254-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

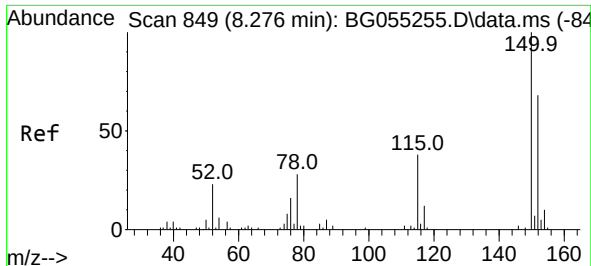
Instrument :
BNA_G
ClientSampleId :
WC-3-102122

Quant Time: Oct 26 14:45:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration

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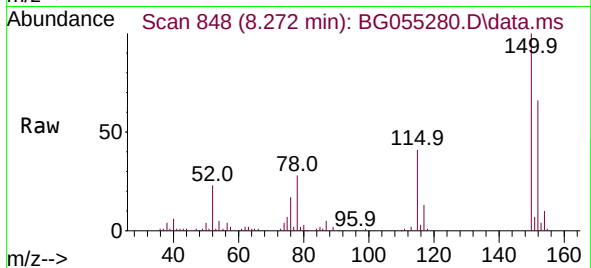
Reviewed By : Christian Giraldo 10/26/2022
Supervised By : Jagrut Upadhyay 10/27/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.272 min Scan# 849
Delta R.T. -0.004 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49

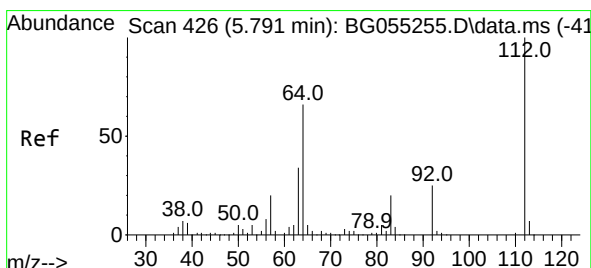
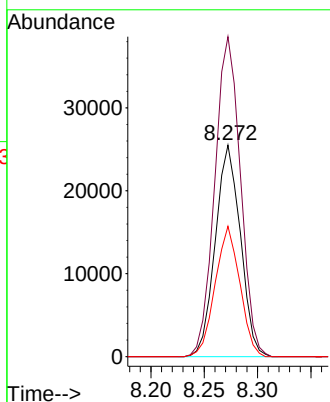
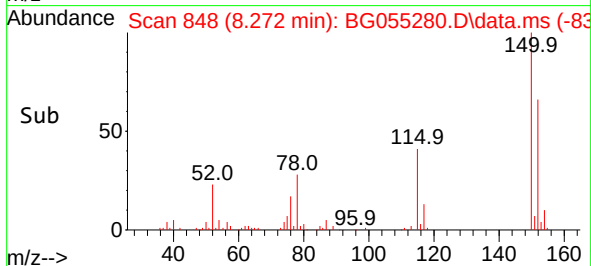
Instrument :
BNA_G
ClientSampleId :
WC-3-102122



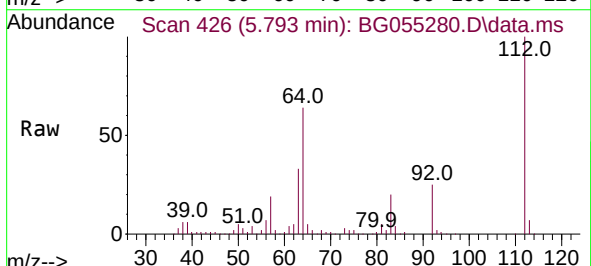
Tgt Ion:152 Resp: 41741
Ion Ratio Lower Upper
152 100
150 151.4 118.2 177.4
115 61.6 44.5 66.7

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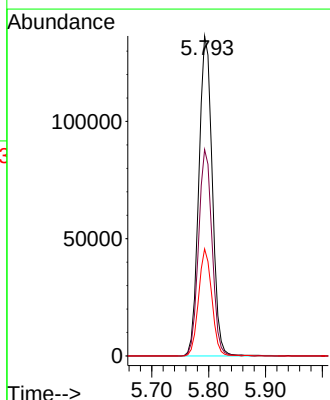
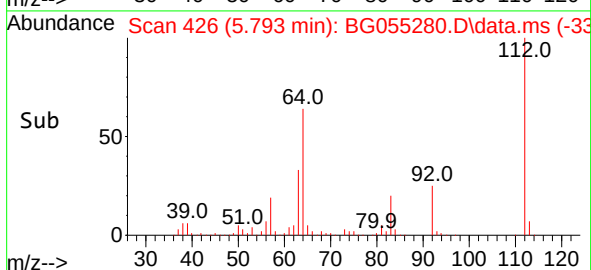
Reviewed By :Christian Giraldo 10/26/2022
Supervised By :Jagrut Upadhyay 10/27/2022

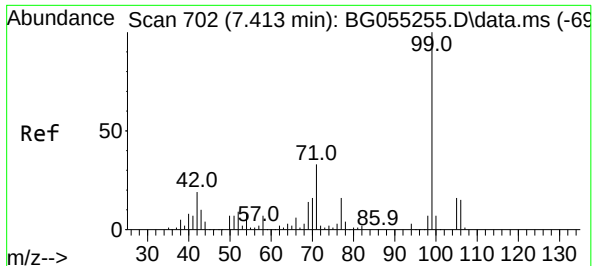


#5
2-Fluorophenol
Concen: 93.429 ng
RT: 5.793 min Scan# 426
Delta R.T. 0.002 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49



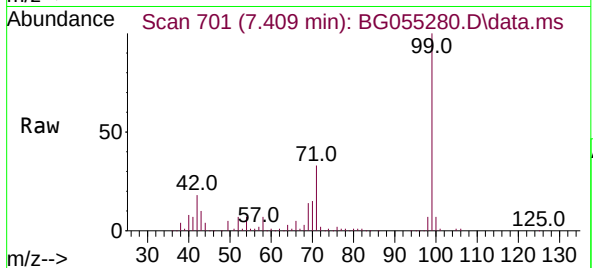
Tgt Ion:112 Resp: 222722
Ion Ratio Lower Upper
112 100
64 64.5 52.6 78.8
63 33.4 27.1 40.7





#7
Phenol-d6
Concen: 87.158 ng
RT: 7.409 min Scan# 702
Delta R.T. -0.004 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49

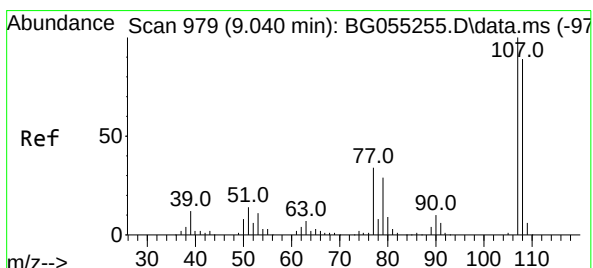
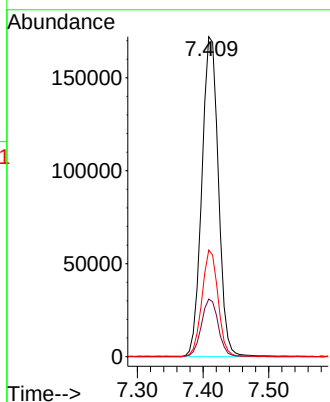
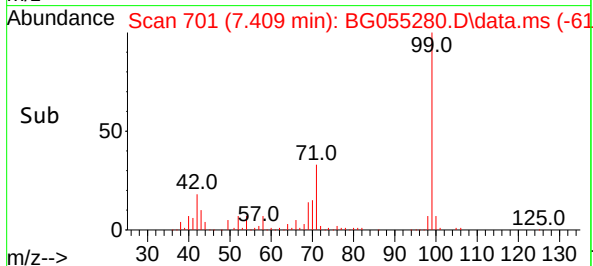
Instrument :
BNA_G
ClientSampleId :
WC-3-102122



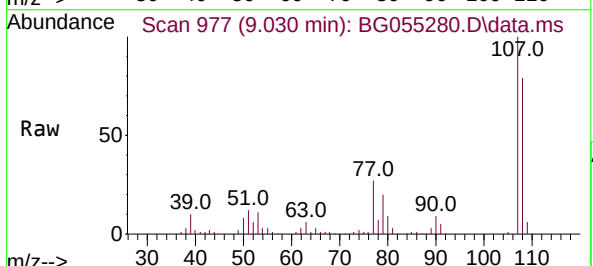
Tgt Ion: 99 Resp: 301018
Ion Ratio Lower Upper
99 100
42 18.0 15.2 22.8
71 33.3 26.2 39.4

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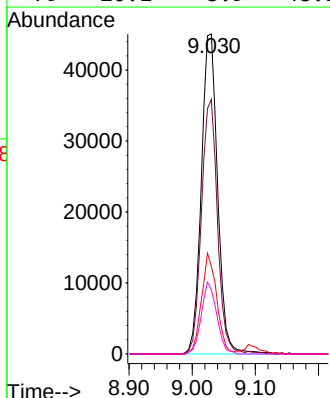
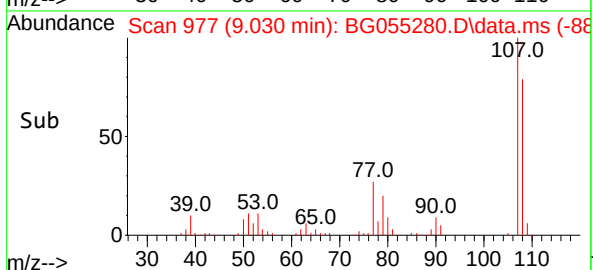
Reviewed By :Christian Giraldo 10/26/2022
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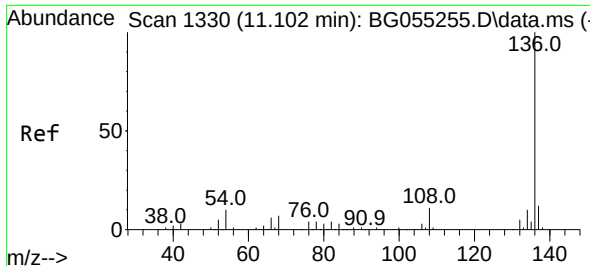


#20
3+4-Methylphenols
Concen: 20.579 ng
RT: 9.030 min Scan# 977
Delta R.T. -0.010 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49



Tgt Ion:107 Resp: 80638
Ion Ratio Lower Upper
107 100
108 79.5 68.5 108.5
77 27.4 14.0 54.0
79 20.1 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.104 min Scan# 1330
Delta R.T. 0.002 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49

Instrument :

BNA_G

ClientSampleId :

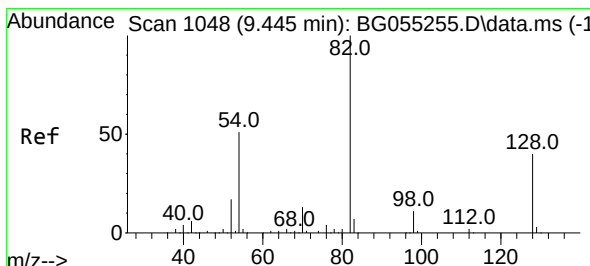
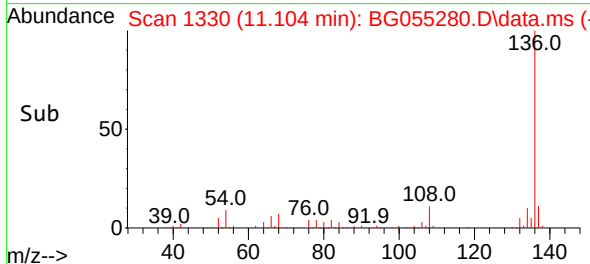
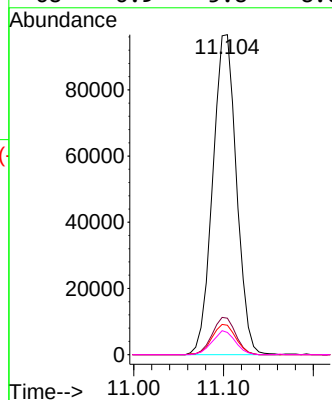
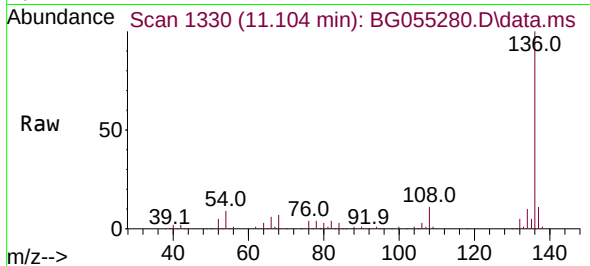
WC-3-102122

Tgt Ion:136 Resp: 177644
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 9.2 7.8 11.8
68 6.9 5.8 8.6

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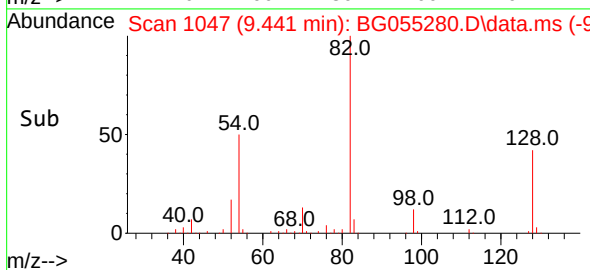
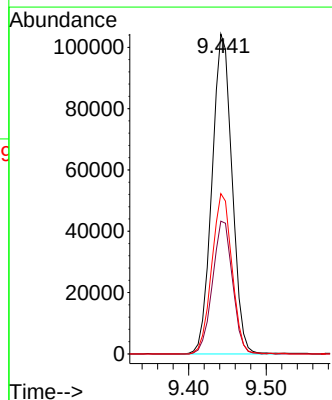
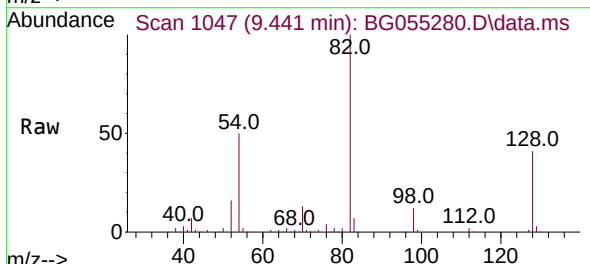
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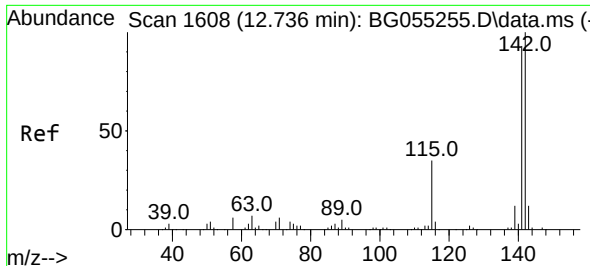
Reviewed By :Christian Giraldo 10/26/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#23
Nitrobenzene-d5
Concen: 53.849 ng
RT: 9.441 min Scan# 1047
Delta R.T. -0.004 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49

Tgt Ion: 82 Resp: 187335
Ion Ratio Lower Upper
82 100
128 41.5 32.0 48.0
54 50.1 40.9 61.3





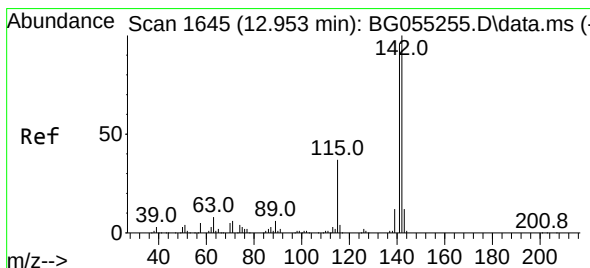
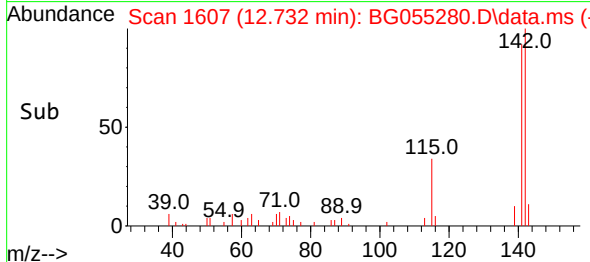
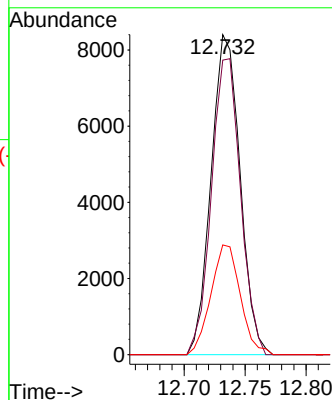
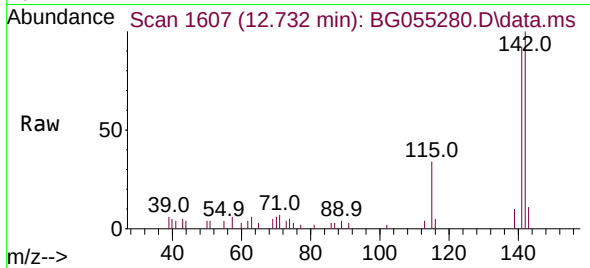
#37
2-Methylnaphthalene
Concen: 2.032 ng
RT: 12.732 min Scan# 1608
Delta R.T. -0.004 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49

Instrument :
BNA_G
ClientSampleId :
WC-3-102122

Tgt Ion:142 Resp: 13884
Ion Ratio Lower Upper
142 100
141 92.0 74.0 111.0
115 34.3 28.3 42.5

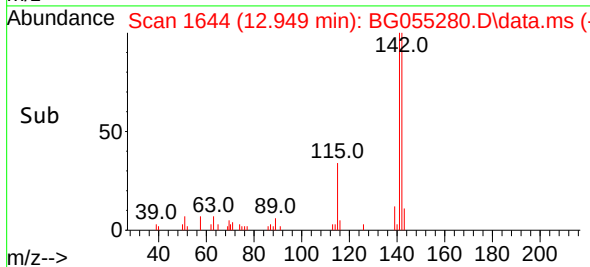
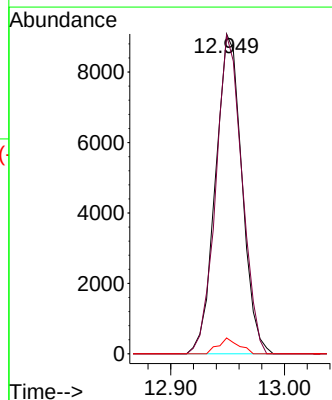
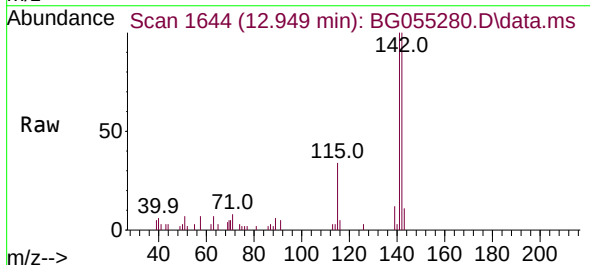
Manual Integrations
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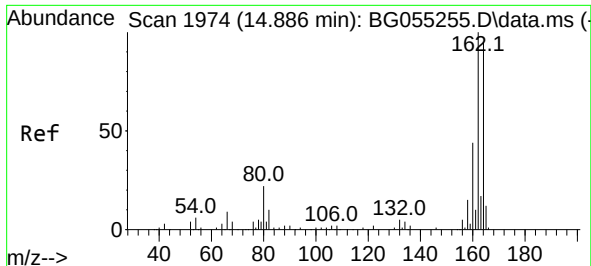
Reviewed By :Christian Giraldo 10/26/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#38
1-Methylnaphthalene
Concen: 2.175 ng
RT: 12.949 min Scan# 1644
Delta R.T. -0.004 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49

Tgt Ion:142 Resp: 14659
Ion Ratio Lower Upper
142 100
141 99.6 77.1 115.7
116 5.0 3.0 4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.882 min Scan# 1974

Delta R.T. -0.004 min

Lab File: BG055280.D

Acq: 25 Oct 2022 17:49

Instrument :

BNA_G

ClientSampleId :

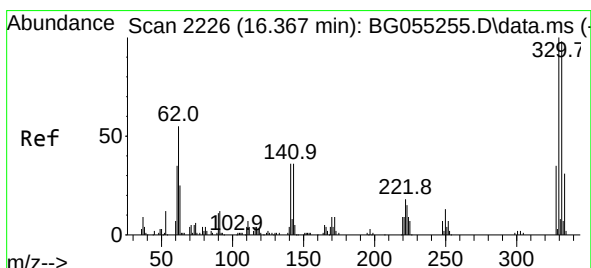
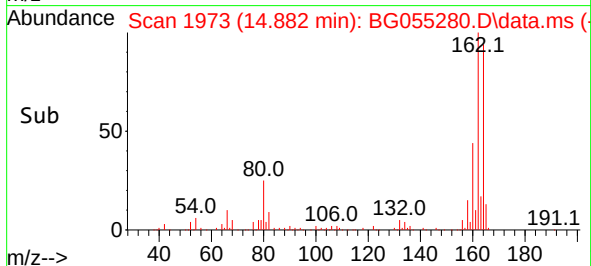
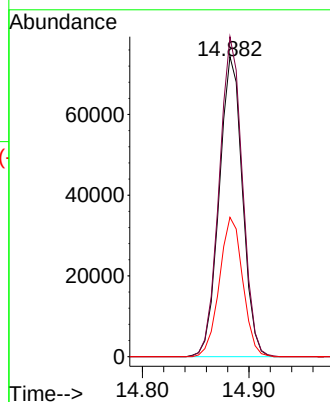
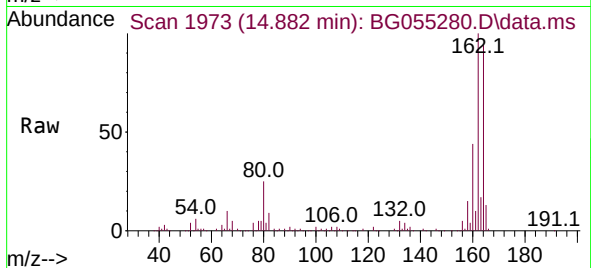
WC-3-102122

Tgt Ion:164 Resp: 112775
 Ion Ratio Lower Upper
 164 100
 162 106.6 84.0 126.0
 160 46.4 36.7 55.1

Manual Integrations

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 Supervised By :Jagrut Upadhyay 10/27/2022



#42

2,4,6-Tribromophenol

Concen: 90.290 ng

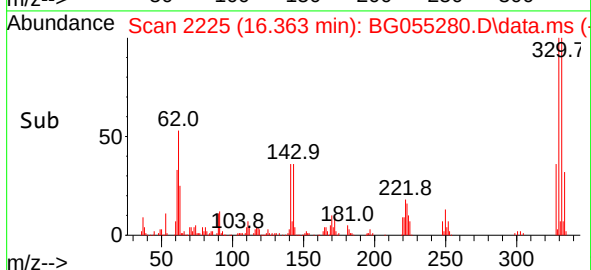
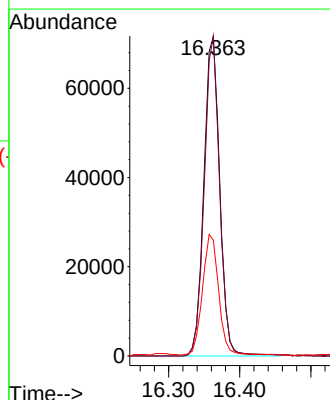
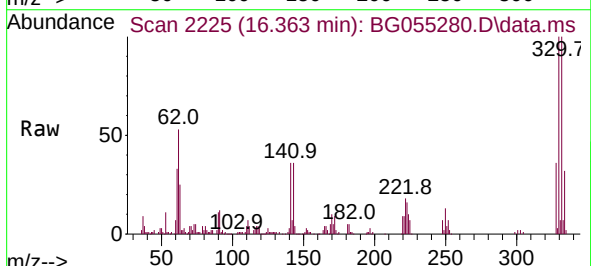
RT: 16.363 min Scan# 2225

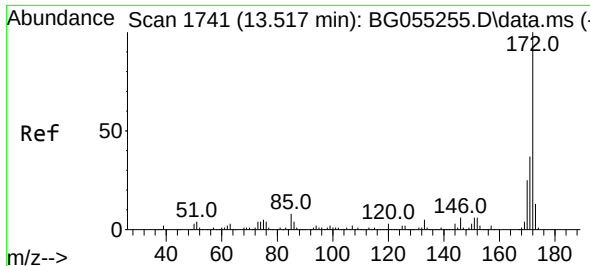
Delta R.T. -0.004 min

Lab File: BG055280.D

Acq: 25 Oct 2022 17:49

Tgt Ion:330 Resp: 110692
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.0
 141 40.1 29.8 44.8





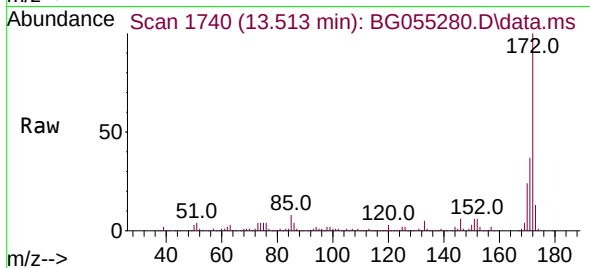
#45
2-Fluorobiphenyl
Concen: 56.436 ng
RT: 13.513 min Scan# 1741
Delta R.T. -0.004 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49

Instrument :

BNA_G

ClientSampleId :

WC-3-102122

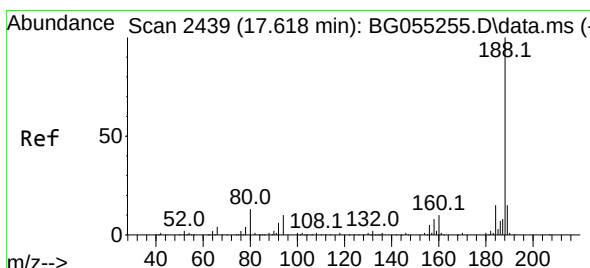
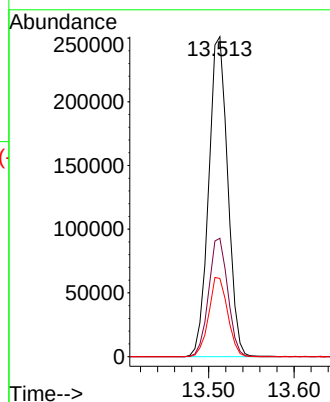
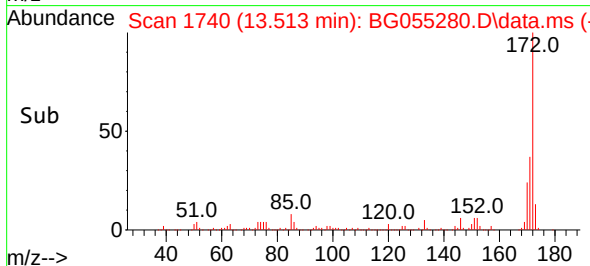


Tgt Ion:172 Resp: 388852
Ion Ratio Lower Upper
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171 37.0 29.7 44.5
170 24.4 20.2 30.2

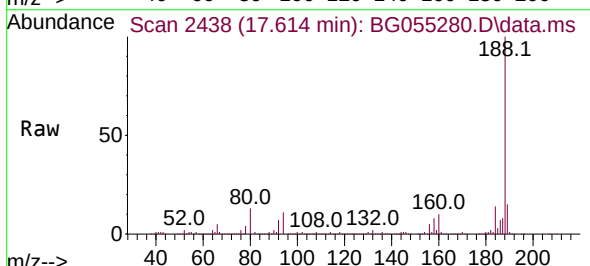
Manual Integrations

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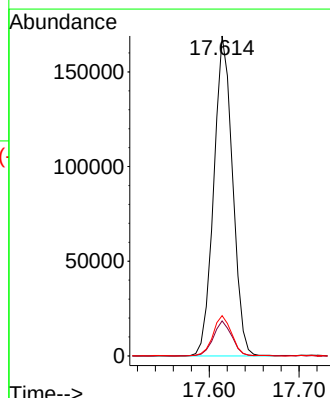
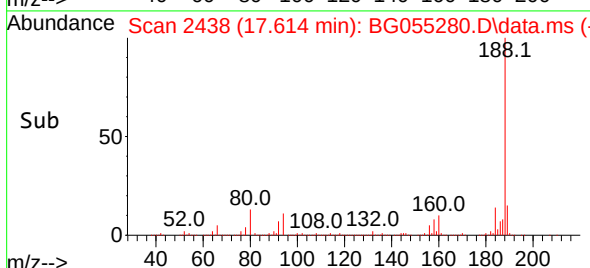
Reviewed By :Christian Giraldo 10/26/2022
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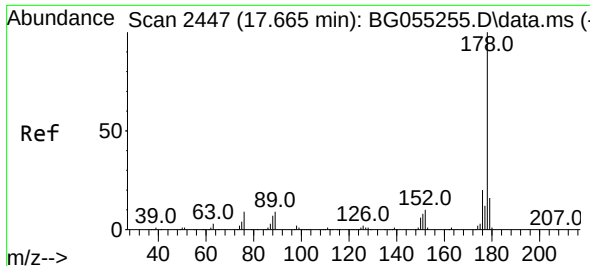


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.614 min Scan# 2438
Delta R.T. -0.004 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49



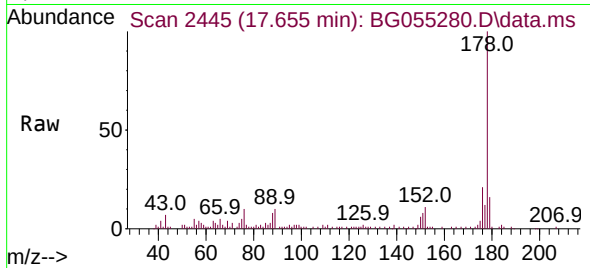
Tgt Ion:188 Resp: 246184
Ion Ratio Lower Upper
188 100
94 10.9 8.2 12.4
80 12.6 10.1 15.1





#71
Phenanthrene
Concen: 3.991 ng
RT: 17.655 min Scan# 2445
Delta R.T. -0.010 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49

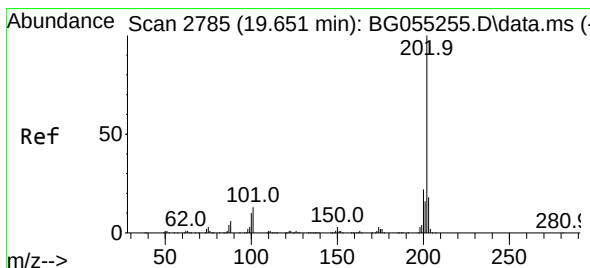
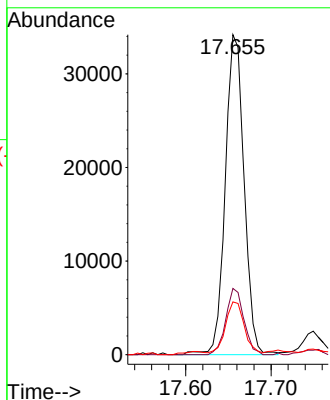
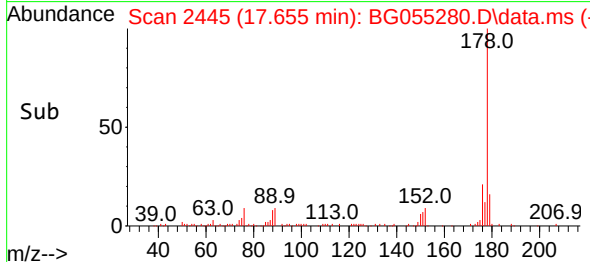
Instrument :
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WC-3-102122



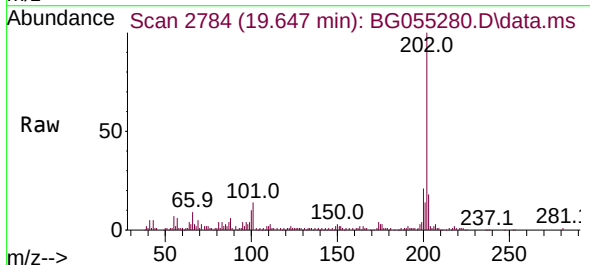
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Ion Ratio Lower Upper
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176 20.7 16.0 24.0
179 16.5 12.6 19.0

Manual Integrations
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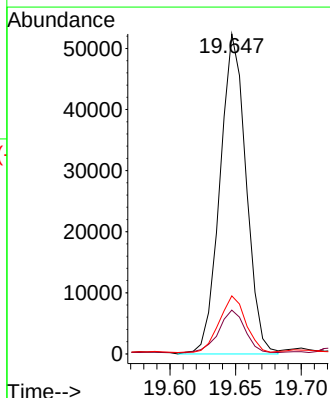
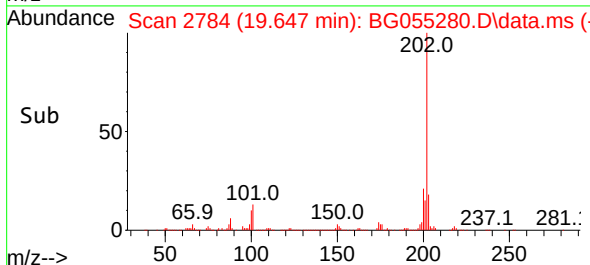
Reviewed By :Christian Giraldo 10/26/2022
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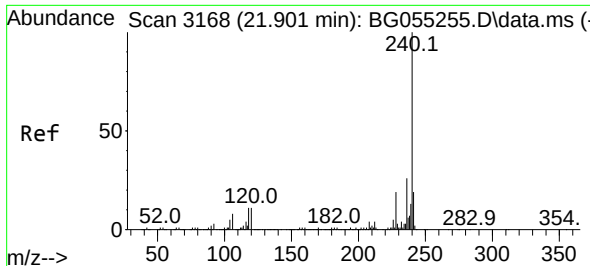


#75
Fluoranthene
Concen: 4.744 ng
RT: 19.647 min Scan# 2784
Delta R.T. -0.004 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49



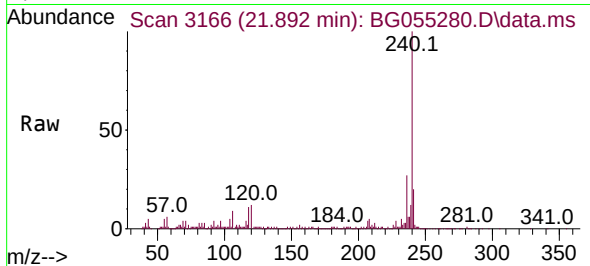
Tgt Ion:202 Resp: 72577
Ion Ratio Lower Upper
202 100
101 13.7 0.0 32.6
203 18.1 0.0 38.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.892 min Scan# 3168
Delta R.T. -0.010 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49

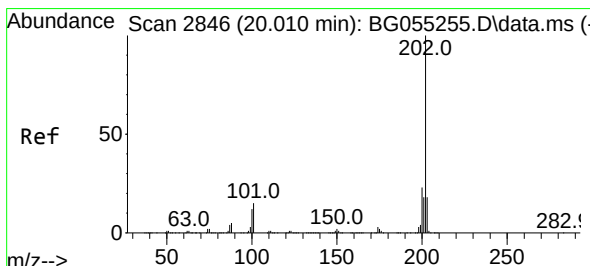
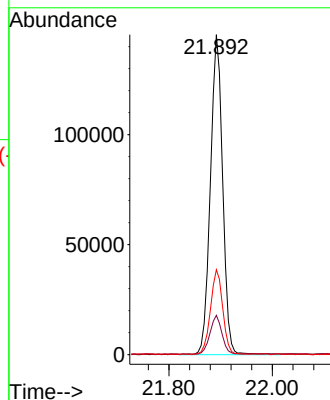
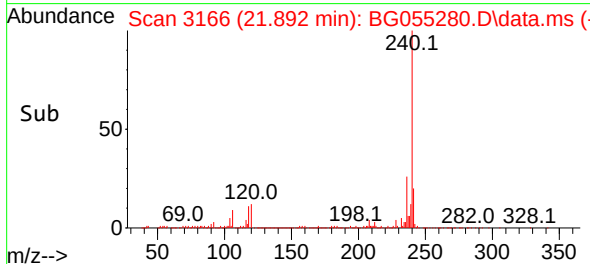
Instrument :
BNA_G
ClientSampleId :
WC-3-102122



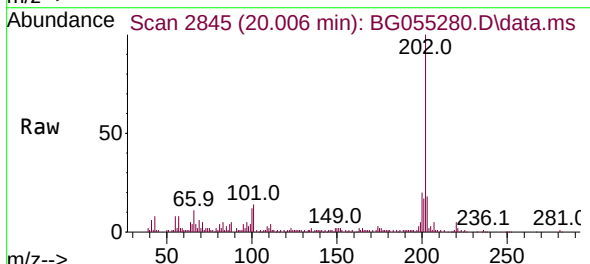
Tgt Ion:240 Resp: 239437
Ion Ratio Lower Upper
240 100
120 12.3 8.9 13.3
236 26.5 21.0 31.4

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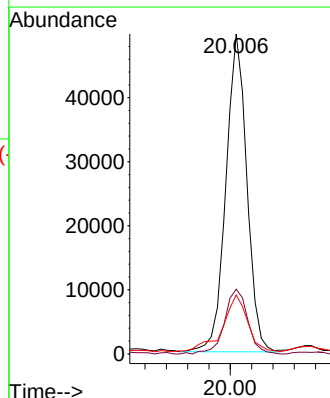
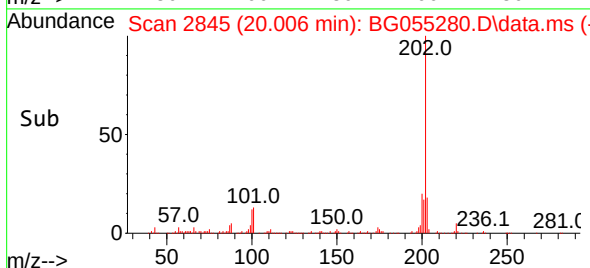
Reviewed By :Christian Giraldo 10/26/2022
Supervised By :Jagrut Upadhyay 10/27/2022

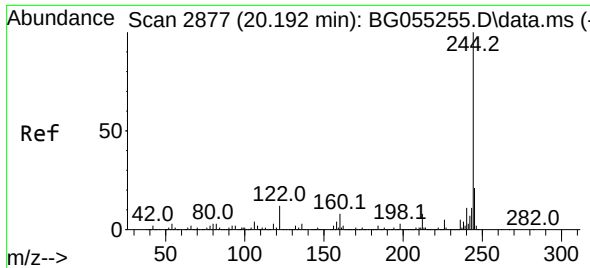


#78
Pyrene
Concen: 4.135 ng
RT: 20.006 min Scan# 2845
Delta R.T. -0.004 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49



Tgt Ion:202 Resp: 67859
Ion Ratio Lower Upper
202 100
200 20.2 18.0 27.0
203 18.5 14.3 21.5





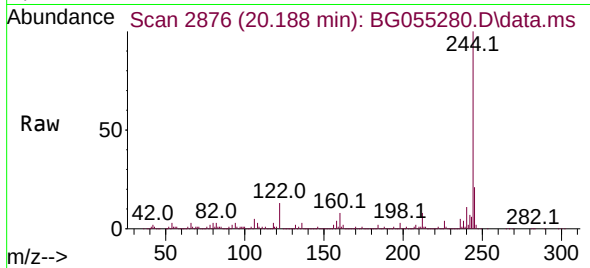
#79
 Terphenyl-d14
 Concen: 52.831 ng
 RT: 20.188 min Scan# 2876
 Delta R.T. -0.004 min
 Lab File: BG055280.D
 Acq: 25 Oct 2022 17:49

Instrument :

BNA_G

ClientSampleId :

WC-3-102122

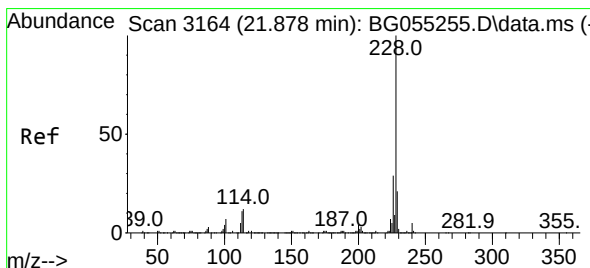
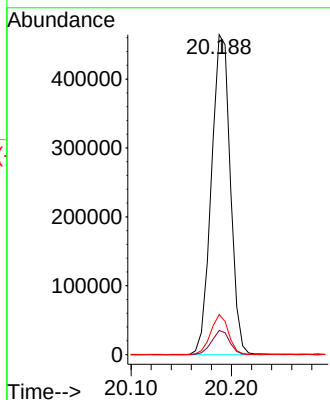
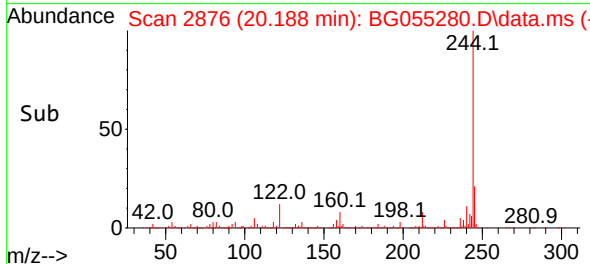


Tgt Ion:244 Resp: 608839
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 12.5 9.6 14.4

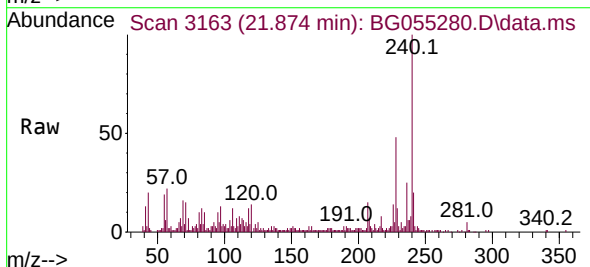
Manual Integrations

APPROVED

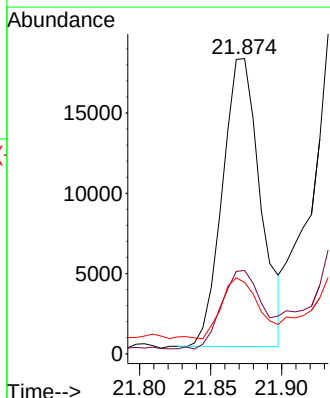
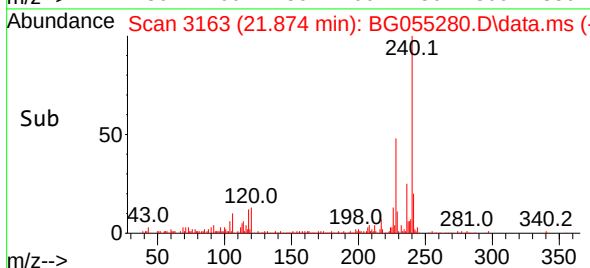
Reviewed By :Christian Giraldo 10/26/2022
 Supervised By :Jagrut Upadhyay 10/27/2022

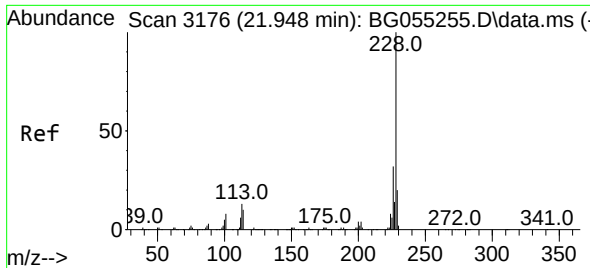


#81
 Benzo(a)anthracene
 Concen: 2.076 ng
 RT: 21.874 min Scan# 3163
 Delta R.T. -0.004 min
 Lab File: BG055280.D
 Acq: 25 Oct 2022 17:49



Tgt Ion:228 Resp: 33380
 Ion Ratio Lower Upper
 228 100
 226 28.3 22.9 34.3
 229 24.2 16.7 25.1





#83
Chrysene
Concen: 2.911 ng m
RT: 21.939 min Scan# 3176
Delta R.T. -0.010 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49

Instrument :

BNA_G

ClientSampleId :

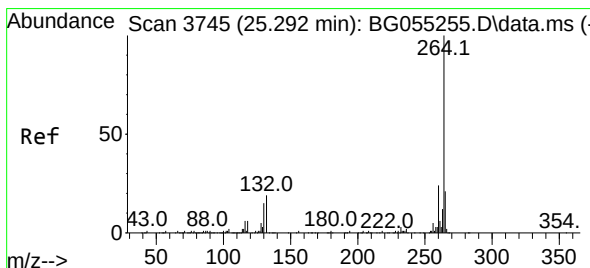
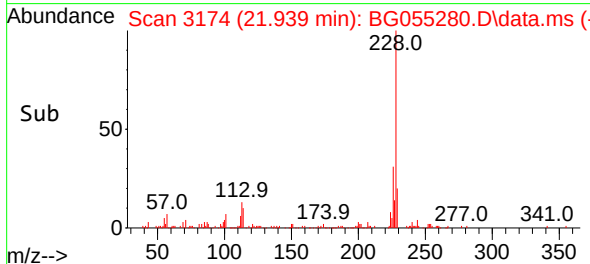
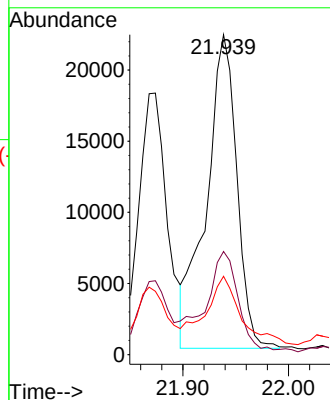
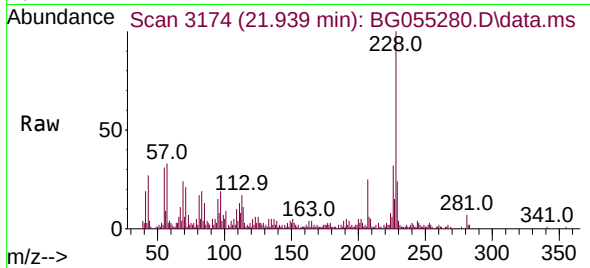
WC-3-102122

Tgt Ion:228 Resp: 4445
Ion Ratio Lower Upper
228 100
226 32.2 25.8 38.8
229 24.5 16.3 24.5

Manual Integrations

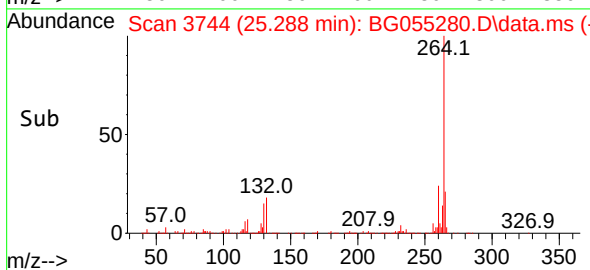
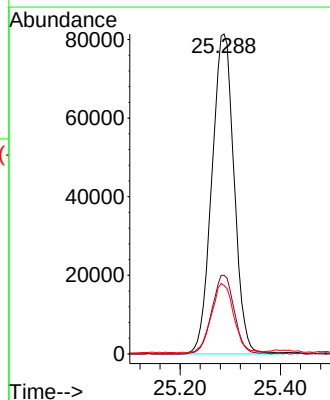
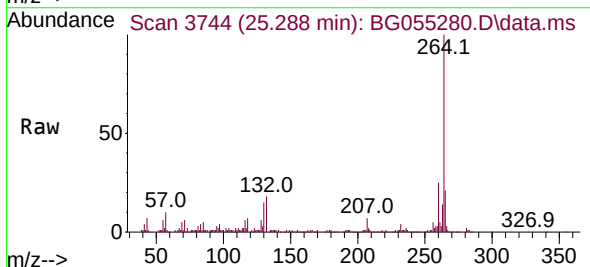
APPROVED

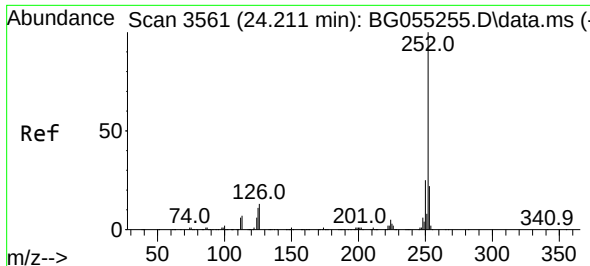
Reviewed By :Christian Giraldo 10/26/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.288 min Scan# 3744
Delta R.T. -0.004 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49

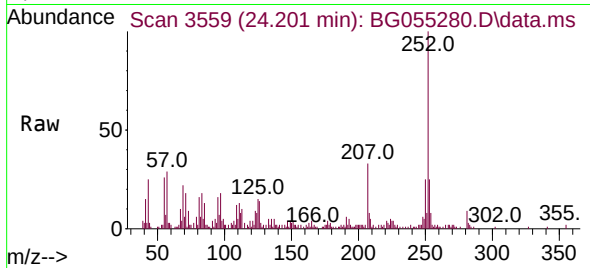
Tgt Ion:264 Resp: 250110
Ion Ratio Lower Upper
264 100
260 24.6 19.5 29.3
265 21.4 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 3.986 ng
RT: 24.201 min Scan# 3559
Delta R.T. -0.010 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49

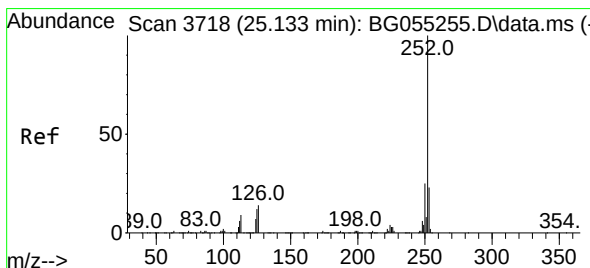
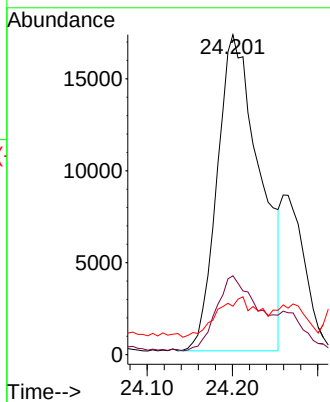
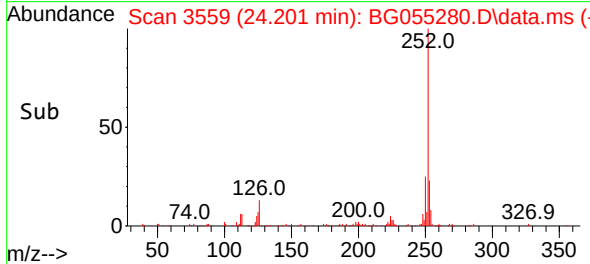
Instrument :
BNA_G
ClientSampleId :
WC-3-102122



Tgt Ion:252 Resp: 59973
Ion Ratio Lower Upper
252 100
253 24.6 17.6 26.4
125 15.1 9.0 13.4

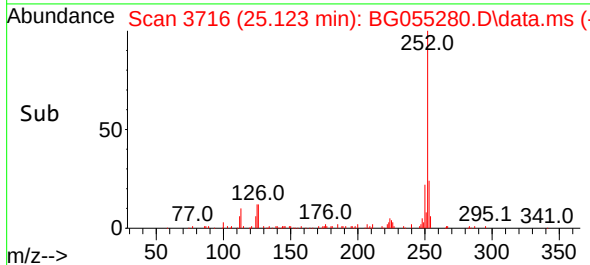
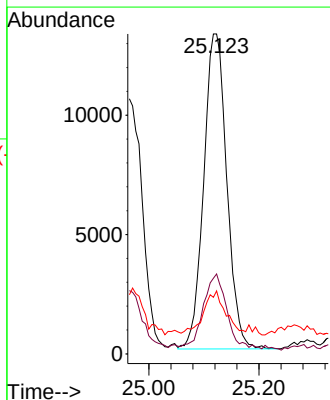
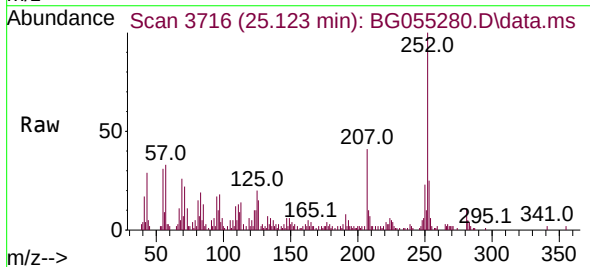
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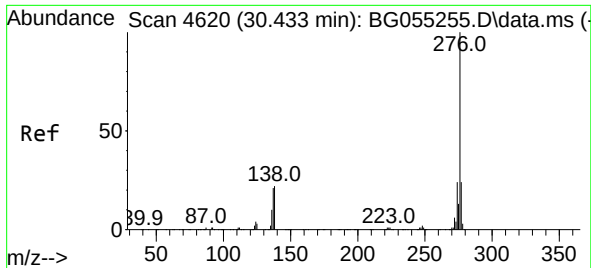
Reviewed By :Christian Giraldo 10/26/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#90
Benzo(a)pyrene
Concen: 2.980 ng
RT: 25.123 min Scan# 3716
Delta R.T. -0.010 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49

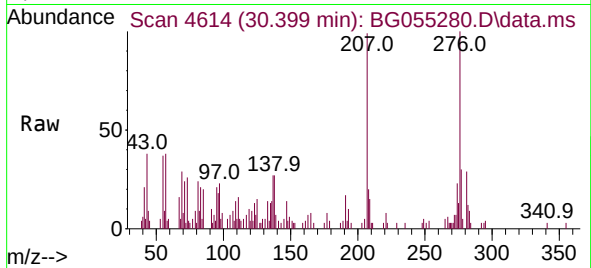
Tgt Ion:252 Resp: 38452
Ion Ratio Lower Upper
252 100
253 25.0 18.2 27.2
125 19.7 9.8 14.8





#92
 Benzo(g,h,i)perylene
 Concen: 2.140 ng
 RT: 30.399 min Scan# 4614
 Delta R.T. -0.033 min
 Lab File: BG055280.D
 Acq: 25 Oct 2022 17:49

Instrument :
 BNA_G
 ClientSampleId :
 WC-3-102122



Tgt Ion: 276 Resp: 3217

Ion	Ratio	Lower	Upper
276	100		
277	30.4	19.1	28.7
138	26.6	17.2	25.8

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/26/2022
 Supervised By : Jagrut Upadhyay 10/27/2022

