

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
 Data File : BG057485.D
 Acq On : 20 May 2023 3:09
 Operator : CG/JU
 Sample : 02825-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-051723

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/22/2023
 Supervised By : Jagrut Upadhyay 05/22/2023

Quant Time: May 20 04:32:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.358	152	23145	20.000	ng	0.00
21) Naphthalene-d8	11.195	136	87475	20.000	ng	0.00
39) Acenaphthene-d10	14.972	164	57518	20.000	ng	0.00
64) Phenanthrene-d10	17.710	188	125771	20.000	ng	0.00
76) Chrysene-d12	22.022	240	107681	20.000	ng	0.00
86) Perylene-d12	25.535	264	92079	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.879	112	115315	85.227	ng	0.00
7) Phenol-d6	7.500	99	170520	82.993	ng	0.00
23) Nitrobenzene-d5	9.539	82	110899	53.210	ng	0.00
42) 2,4,6-Tribromophenol	16.459	330	67249	82.401	ng	0.00
45) 2-Fluorobiphenyl	13.598	172	255489	59.823	ng	0.00
79) Terphenyl-d14	20.283	244	356966	54.099	ng	0.00
Target Compounds						
75) Fluoranthene	19.742	202	20140	2.513	ng	Qvalue 98
78) Pyrene	20.107	202	21456m	2.742	ng	
83) Chrysene	22.069	228	15226	2.109	ng	# 78

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

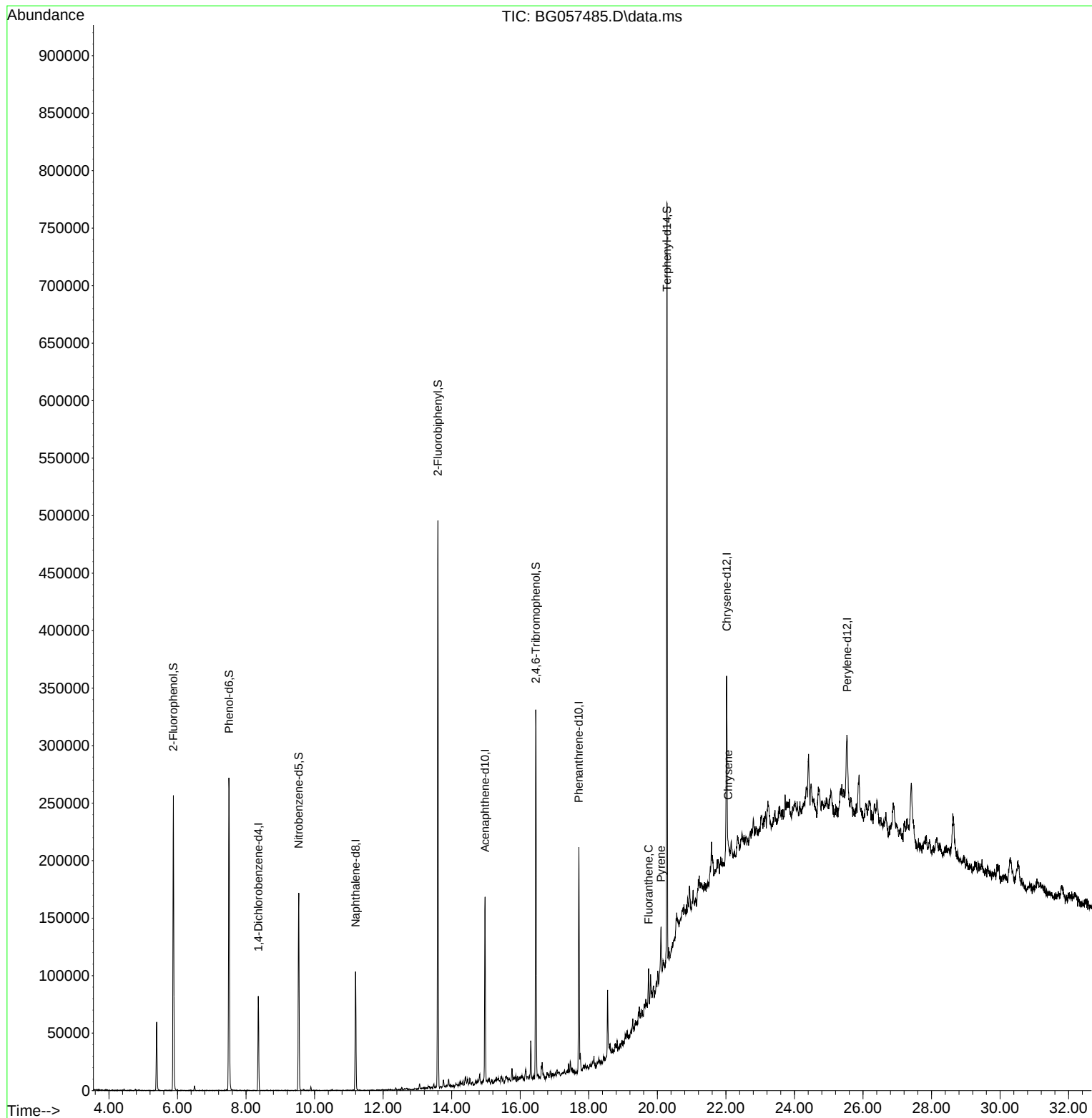
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
Data File : BG057485.D
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ALS Vial : 17 Sample Multiplier: 1

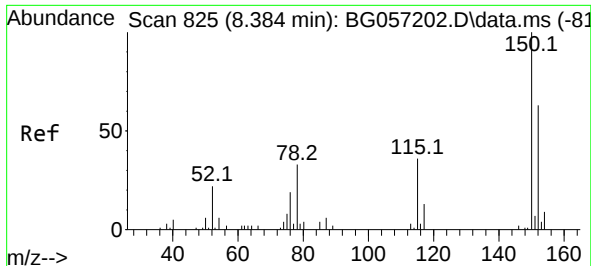
Instrument :
BNA_G
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OK-01-051723

Quant Time: May 20 04:32:30 2023
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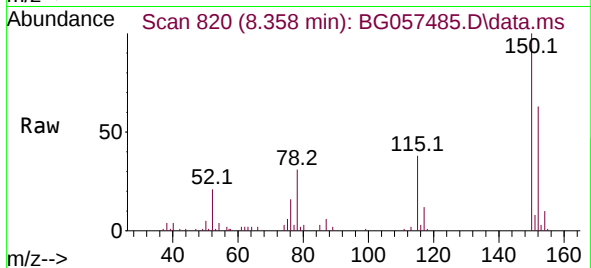
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.358 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG057485.D
Acq: 20 May 2023 3:09

Instrument :

BNA_G

ClientSampleId :

OK-01-051723

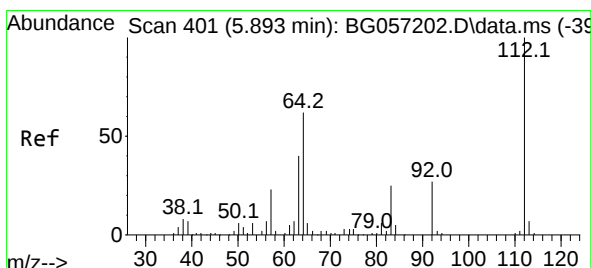
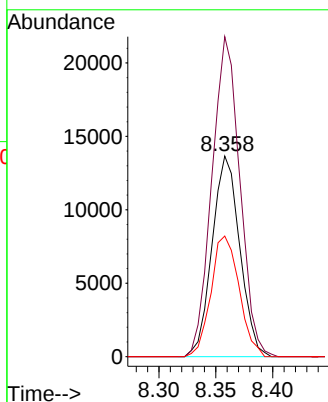
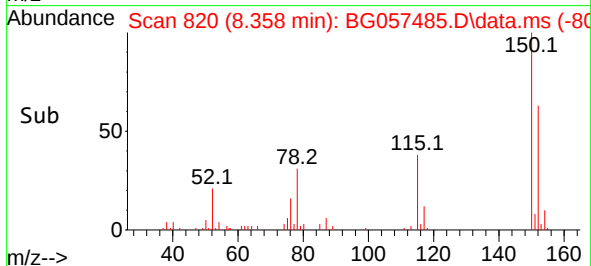


Tgt Ion:152 Resp: 2314
Ion Ratio Lower Upper
152 100
150 159.5 126.2 189.4
115 60.1 45.0 67.4

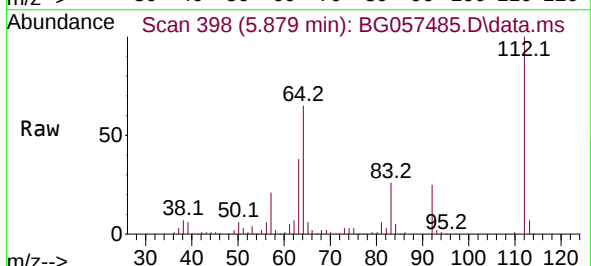
Manual Integrations

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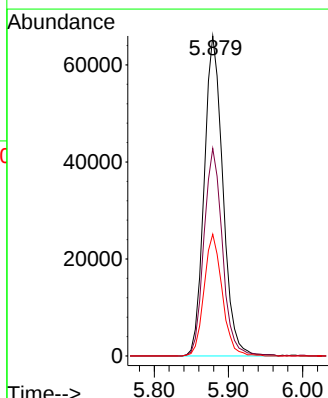
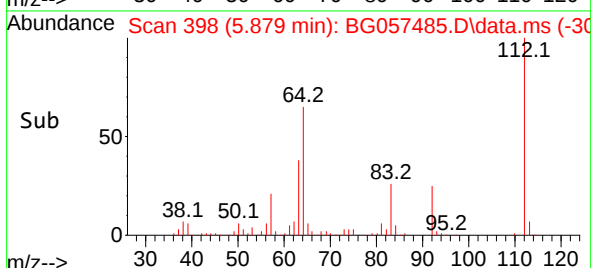
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

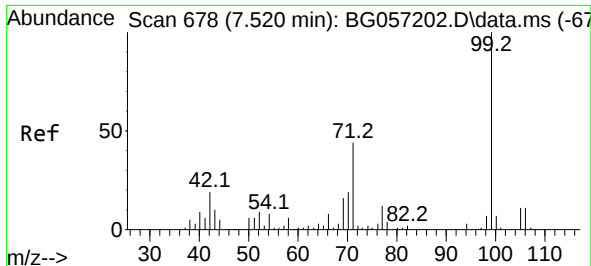


#5
2-Fluorophenol
Concen: 85.227 ng
RT: 5.879 min Scan# 398
Delta R.T. 0.008 min
Lab File: BG057485.D
Acq: 20 May 2023 3:09



Tgt Ion:112 Resp: 115315
Ion Ratio Lower Upper
112 100
64 64.9 49.4 74.2
63 38.1 31.6 47.4





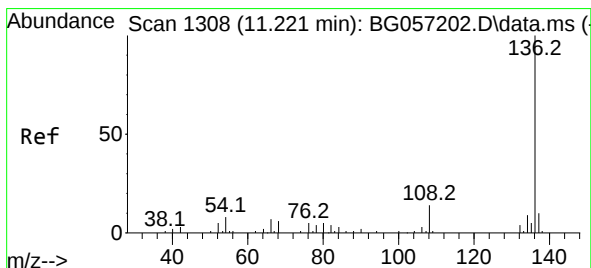
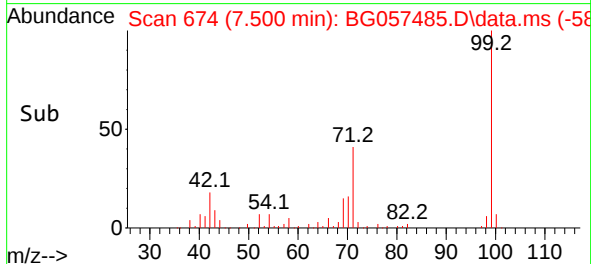
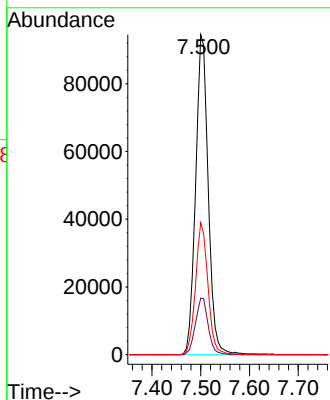
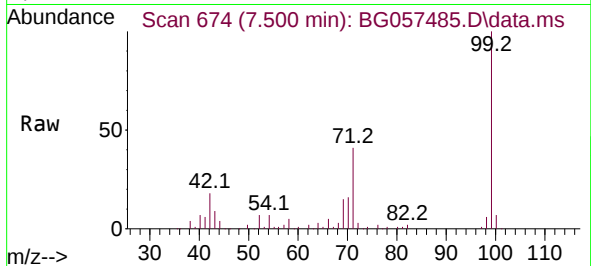
#7
Phenol-d6
Concen: 82.993 ng
RT: 7.500 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG057485.D
Acq: 20 May 2023 3:09

Instrument :
BNA_G
ClientSampleId :
OK-01-051723

Tgt Ion: 99 Resp: 170520
Ion Ratio Lower Upper
99 100
42 17.7 15.1 22.7
71 41.3 35.2 52.8

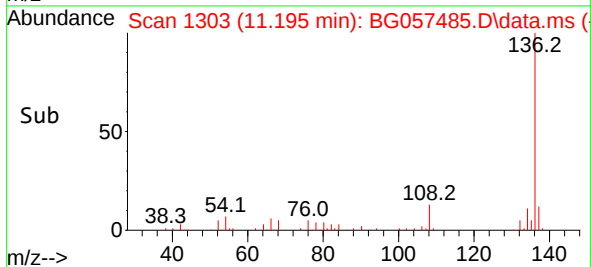
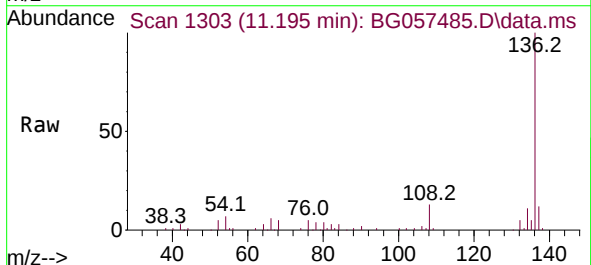
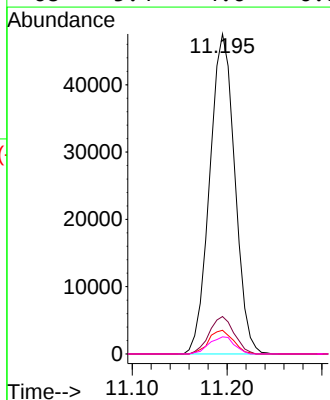
Manual Integrations
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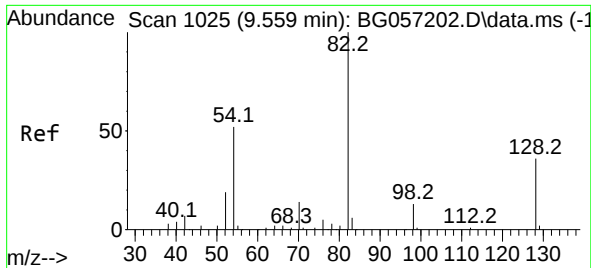
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.195 min Scan# 1303
Delta R.T. -0.004 min
Lab File: BG057485.D
Acq: 20 May 2023 3:09

Tgt Ion:136 Resp: 87475
Ion Ratio Lower Upper
136 100
137 11.7 8.3 12.5
54 7.4 6.7 10.1
68 5.4 4.6 6.8





#23
Nitrobenzene-d5
Concen: 53.210 ng
RT: 9.539 min Scan# 11089
Delta R.T. 0.002 min
Lab File: BG057485.D
Acq: 20 May 2023 3:09

Instrument :

BNA_G

ClientSampleId :

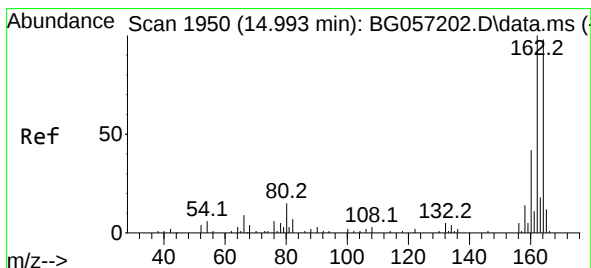
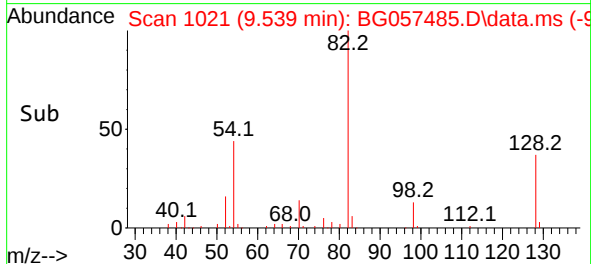
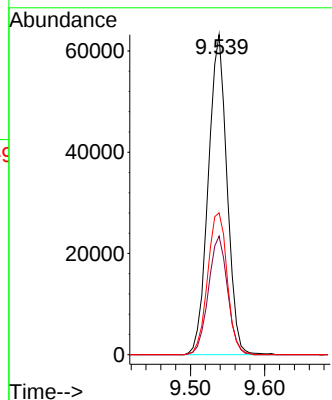
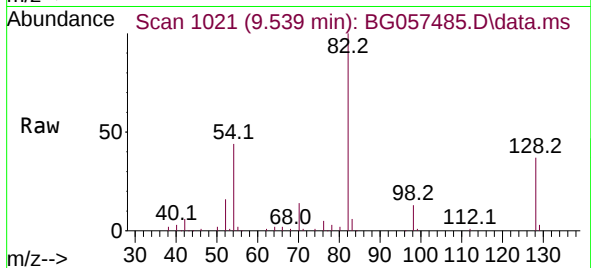
OK-01-051723

Tgt Ion: 82 Resp: 11089
Ion Ratio Lower Upper
82 100
128 37.1 29.0 43.4
54 44.3 41.4 62.0

Manual Integrations

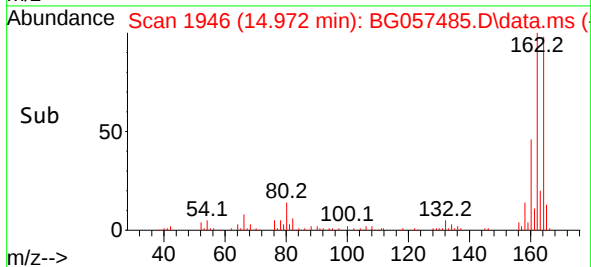
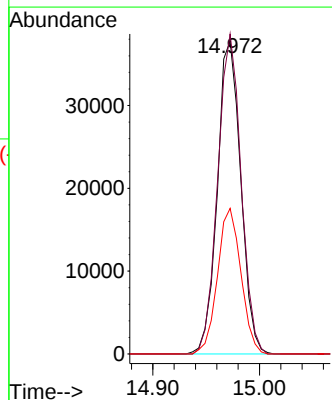
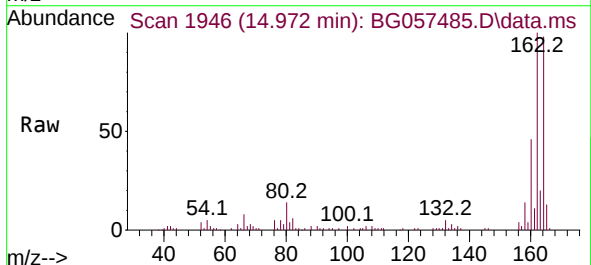
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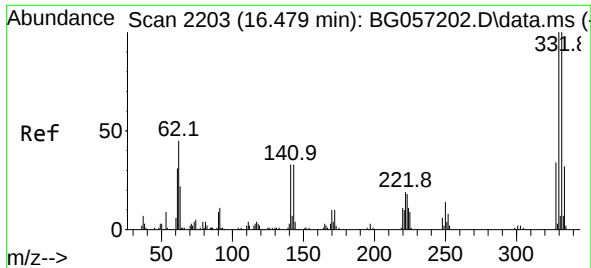
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.972 min Scan# 1946
Delta R.T. -0.004 min
Lab File: BG057485.D
Acq: 20 May 2023 3:09

Tgt Ion:164 Resp: 57518
Ion Ratio Lower Upper
164 100
162 102.2 81.8 122.6
160 46.5 34.6 52.0





#42
2,4,6-Tribromophenol
Concen: 82.401 ng
RT: 16.459 min Scan# 2199
Delta R.T. 0.002 min
Lab File: BG057485.D
Acq: 20 May 2023 3:09

Instrument :

BNA_G

ClientSampleId :

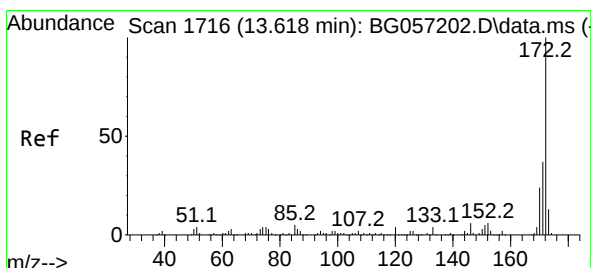
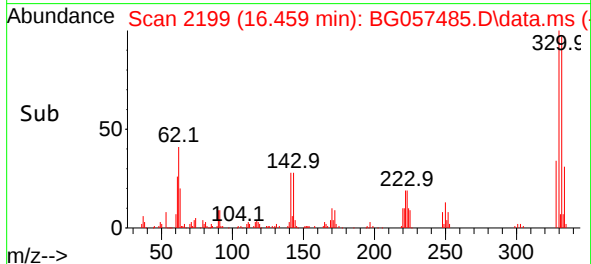
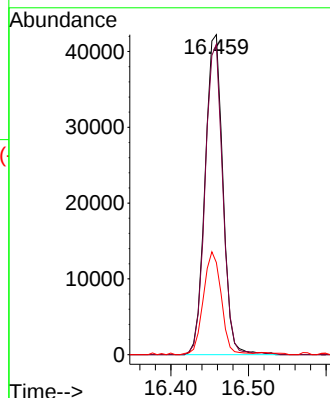
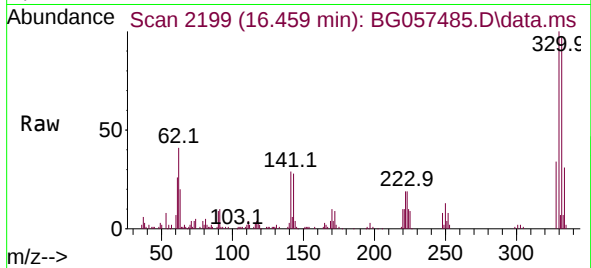
OK-01-051723

Tgt Ion:330 Resp: 67249
Ion Ratio Lower Upper
330 100
332 96.3 78.2 117.2
141 32.4 27.8 41.8

Manual Integrations

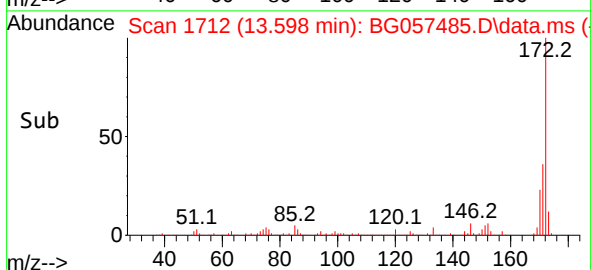
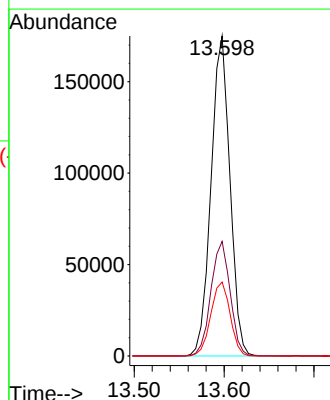
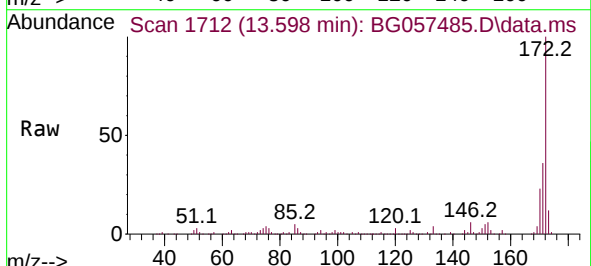
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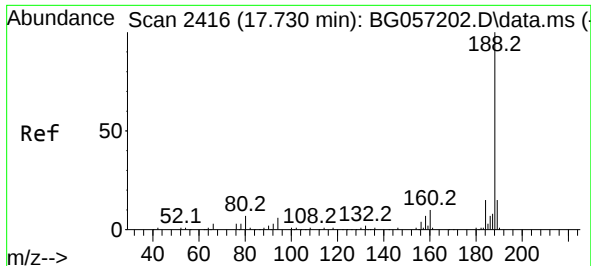
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#45
2-Fluorobiphenyl
Concen: 59.823 ng
RT: 13.598 min Scan# 1712
Delta R.T. -0.004 min
Lab File: BG057485.D
Acq: 20 May 2023 3:09

Tgt Ion:172 Resp: 255489
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 23.1 19.0 28.6





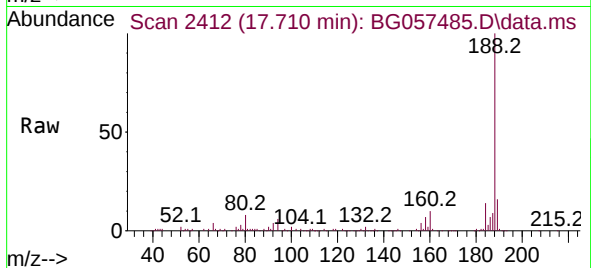
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.710 min Scan# 2416
Delta R.T. -0.004 min
Lab File: BG057485.D
Acq: 20 May 2023 3:09

Instrument :

BNA_G

ClientSampleId :

OK-01-051723

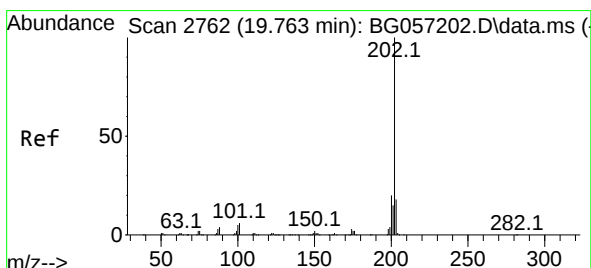
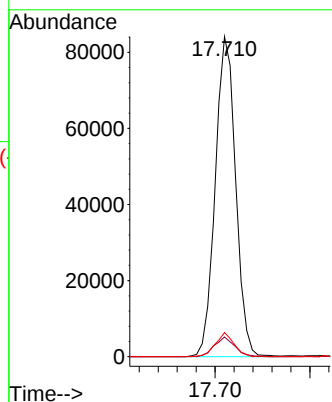
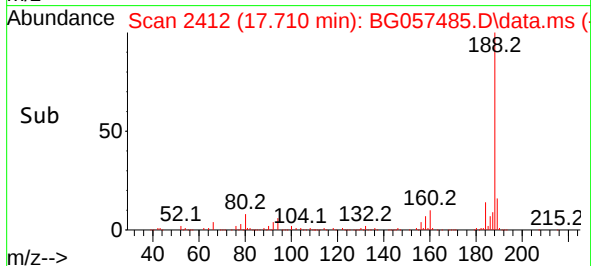


Tgt Ion:188 Resp: 12577
Ion Ratio Lower Upper
188 100
94 6.2 5.1 7.7
80 7.6 5.7 8.5

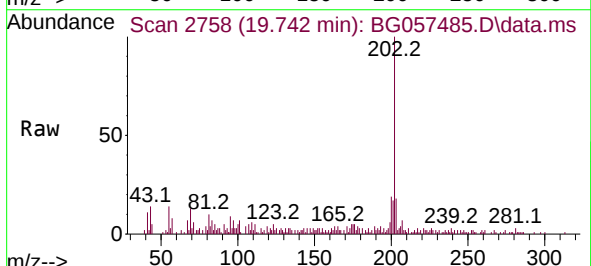
Manual Integrations

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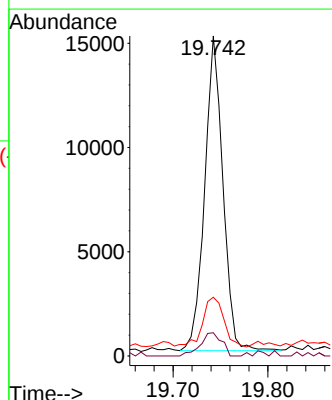
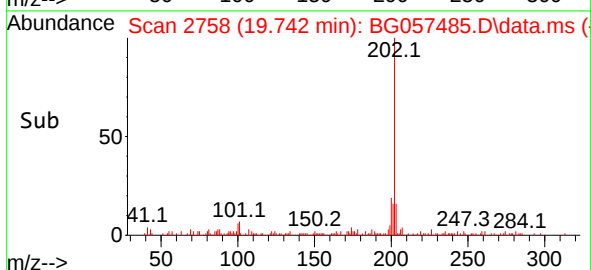
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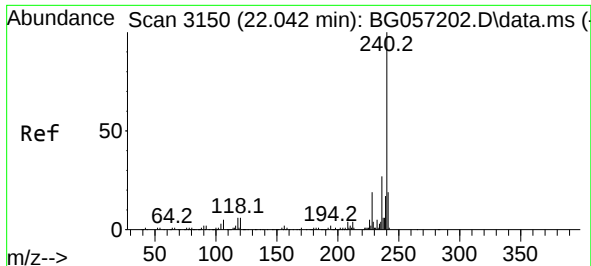


#75
Fluoranthene
Concen: 2.513 ng
RT: 19.742 min Scan# 2758
Delta R.T. -0.004 min
Lab File: BG057485.D
Acq: 20 May 2023 3:09



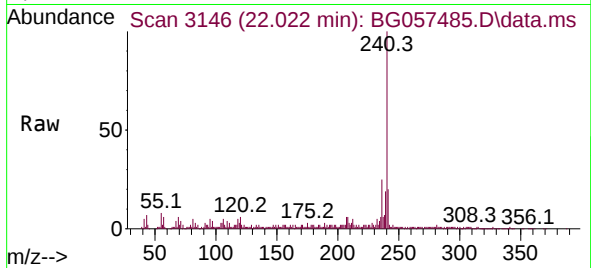
Tgt Ion:202 Resp: 20140
Ion Ratio Lower Upper
202 100
101 7.3 0.0 26.2
203 18.4 0.0 37.9





#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.022 min Scan# 3150
Delta R.T. 0.002 min
Lab File: BG057485.D
Acq: 20 May 2023 3:09

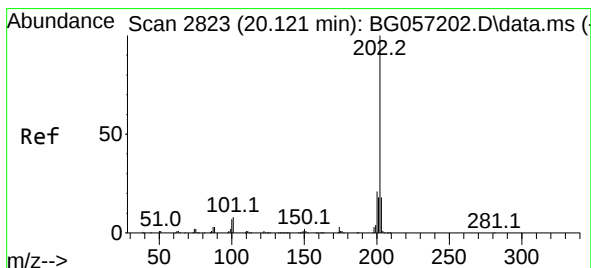
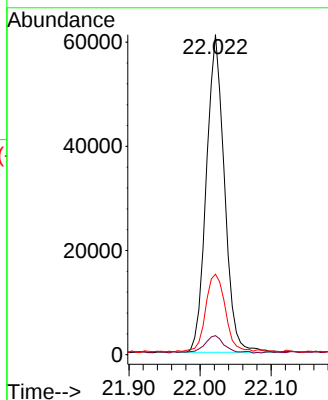
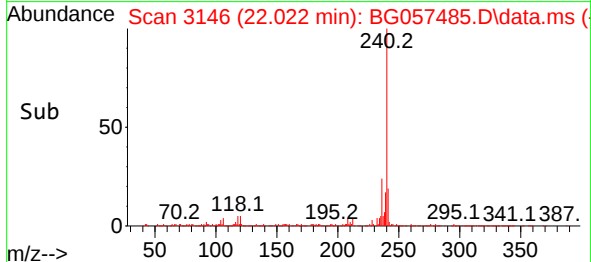
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BNA_G
ClientSampleId :
OK-01-051723



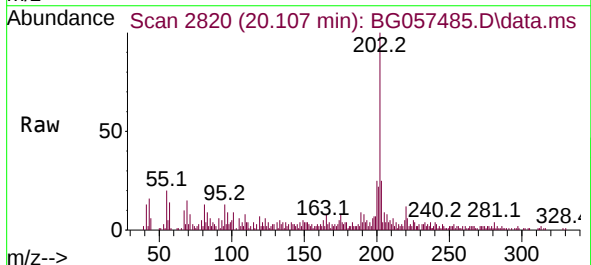
Tgt Ion:240 Resp: 10768
Ion Ratio Lower Upper
240 100
120 6.0 4.9 7.3
236 25.2 21.4 32.2

Manual Integrations
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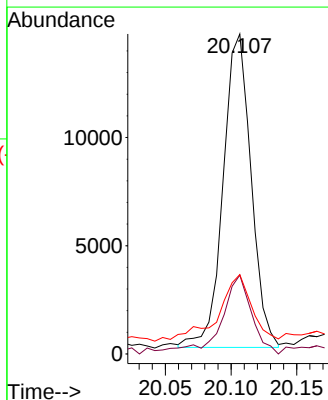
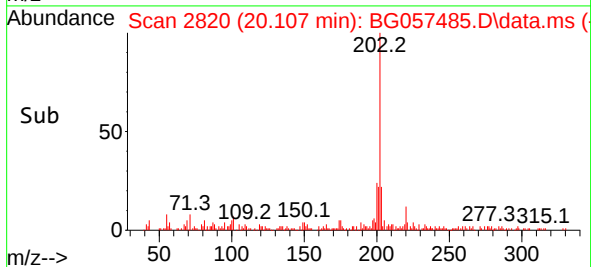
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

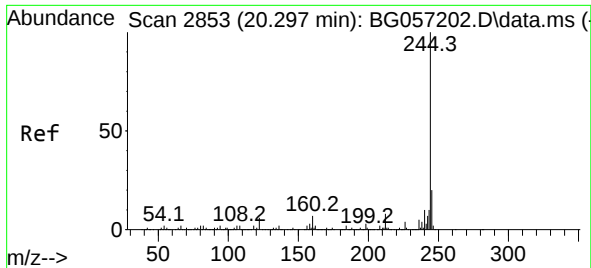


#78
Pyrene
Concen: 2.742 ng m
RT: 20.107 min Scan# 2820
Delta R.T. 0.002 min
Lab File: BG057485.D
Acq: 20 May 2023 3:09



Tgt Ion:202 Resp: 21456
Ion Ratio Lower Upper
202 100
200 24.7 17.0 25.4
203 24.8 14.2 21.4#





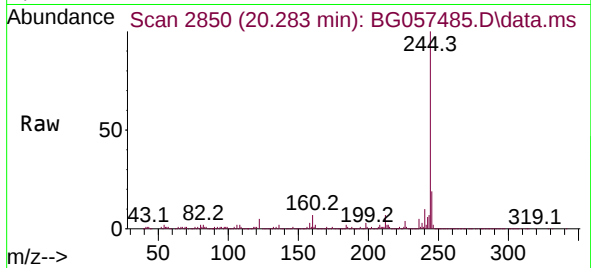
#79
 Terphenyl-d14
 Concen: 54.099 ng
 RT: 20.283 min Scan# 20283
 Delta R.T. 0.002 min
 Lab File: BG057485.D
 Acq: 20 May 2023 3:09

Instrument :

BNA_G

ClientSampleId :

OK-01-051723

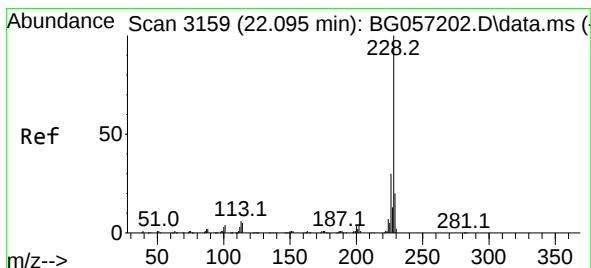
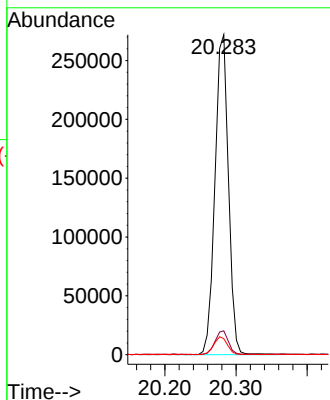
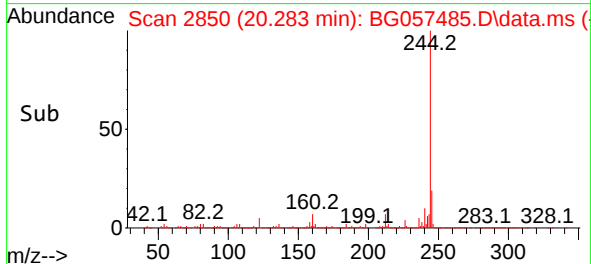


Tgt Ion:244 Resp: 356960
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 5.0 5.1 7.7

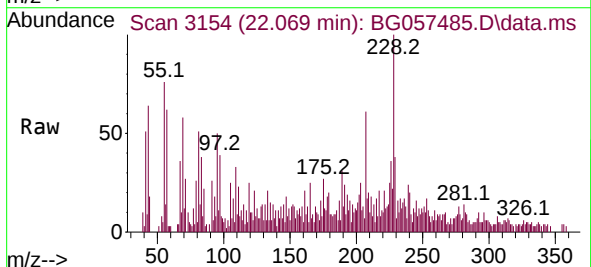
Manual Integrations

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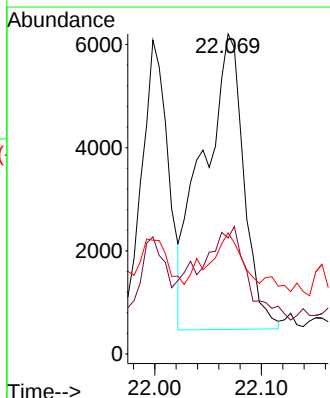
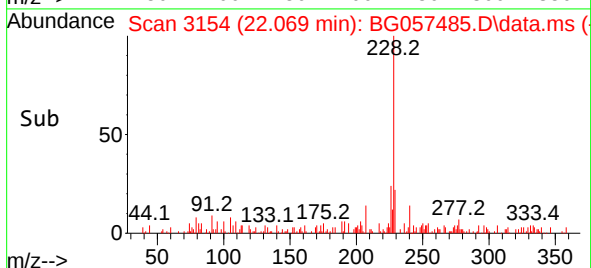
Reviewed By :Christian Giraldo 05/22/2023
 Supervised By :Jagrut Upadhyay 05/22/2023

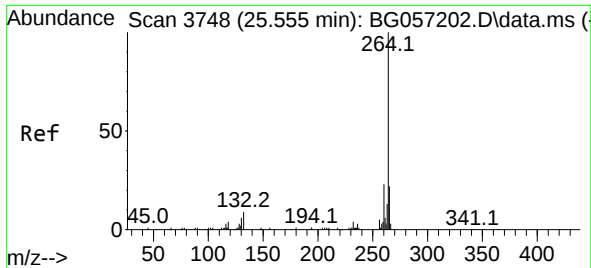


#83
 Chrysene
 Concen: 2.109 ng
 RT: 22.069 min Scan# 3154
 Delta R.T. -0.004 min
 Lab File: BG057485.D
 Acq: 20 May 2023 3:09



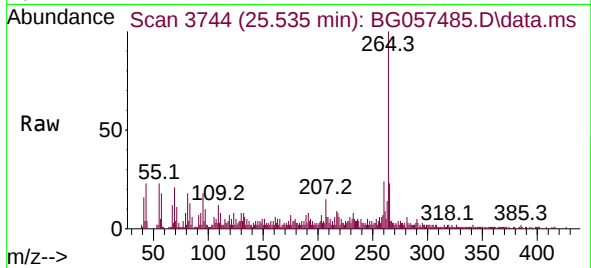
Tgt Ion:228 Resp: 15226
 Ion Ratio Lower Upper
 228 100
 226 36.3 24.3 36.5
 229 37.9 15.9 23.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.535 min Scan# 31
 Delta R.T. 0.020 min
 Lab File: BG057485.D
 Acq: 20 May 2023 3:09

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-051723



Tgt Ion:	264	Resp:	92079
Ion Ratio	Lower	Upper	
264	100		
260	24.5	18.8	28.2
265	22.9	17.9	26.9

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/22/2023
 Supervised By :Jagrut Upadhyay 05/22/2023

