

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
 Data File : BG057614.D
 Acq On : 30 May 2023 20:14
 Operator : CG/JU
 Sample : 02955-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC27

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/31/2023
 Supervised By : Yogesh Patel 06/01/2023

Quant Time: May 31 03:29:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 31 03:25:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.343	152	29785	20.000	ng	0.00
21) Naphthalene-d8	11.174	136	124879	20.000	ng	0.00
39) Acenaphthene-d10	14.957	164	85353	20.000	ng	0.00
64) Phenanthrene-d10	17.695	188	186627	20.000	ng	0.00
76) Chrysene-d12	22.001	240	155910	20.000	ng	0.00
86) Perylene-d12	25.496	264	161843	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.864	112	157950	92.129	ng	0.00
7) Phenol-d6	7.491	99	233789	87.135	ng	0.00
23) Nitrobenzene-d5	9.518	82	154681	57.902	ng	0.00
42) 2,4,6-Tribromophenol	16.438	330	101277	74.113	ng	0.00
45) 2-Fluorobiphenyl	13.577	172	376225	63.346	ng	0.00
79) Terphenyl-d14	20.262	244	536305	59.586	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.727	202	44408	3.582	ng	100
78) Pyrene	20.086	202	41702	3.757	ng	96
81) Benzo(a)anthracene	21.977	228	29189	2.699	ng	# 96
83) Chrysene	22.048	228	29781m	2.914	ng	
88) Benzo(b)fluoranthene	24.374	252	43601	4.377	ng	# 91
90) Benzo(a)pyrene	25.332	252	27021	2.781	ng	# 91

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

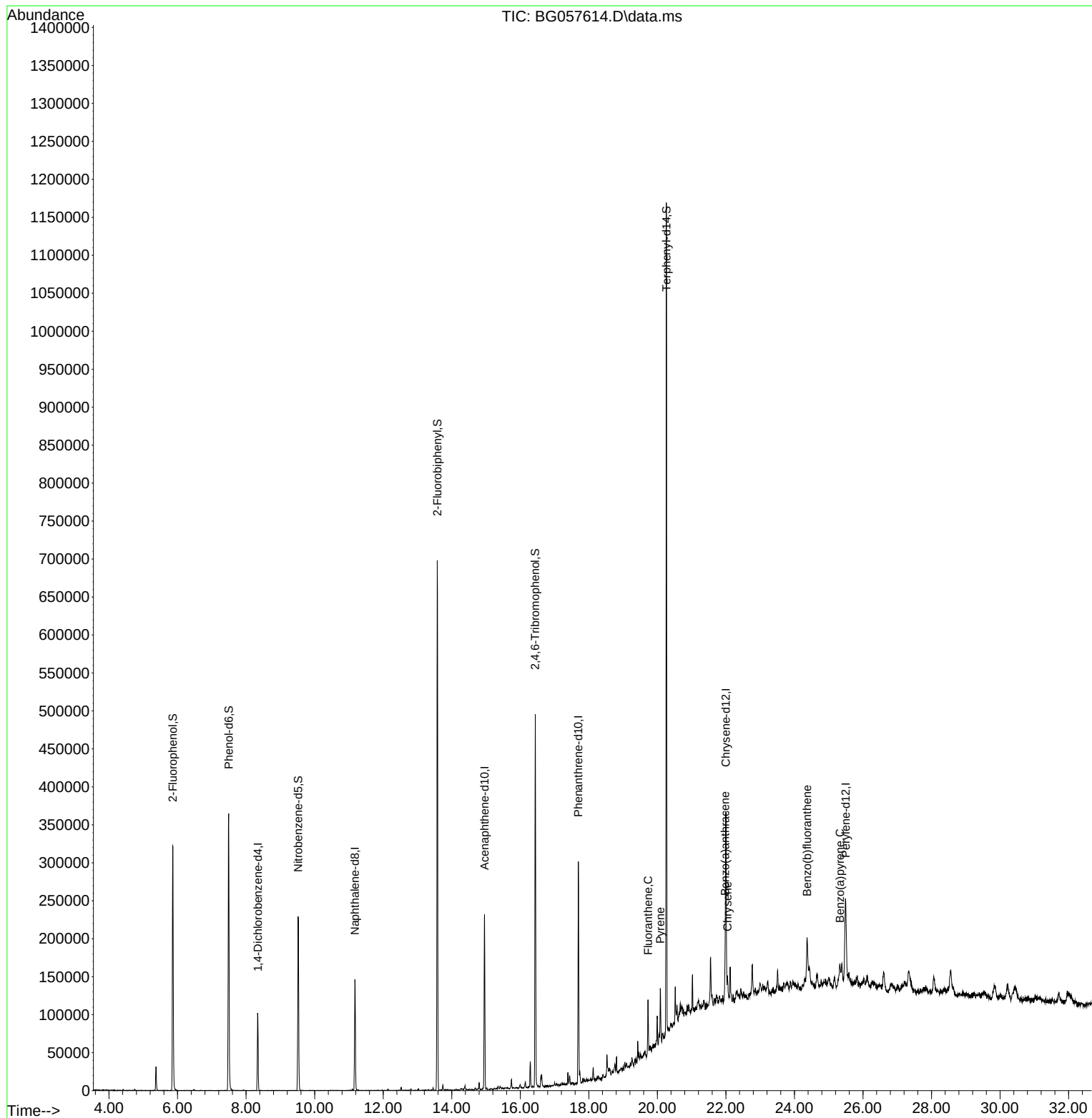
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
Data File : BG057614.D
Acq On : 30 May 2023 20:14
Operator : CG/JU
Sample : 02955-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

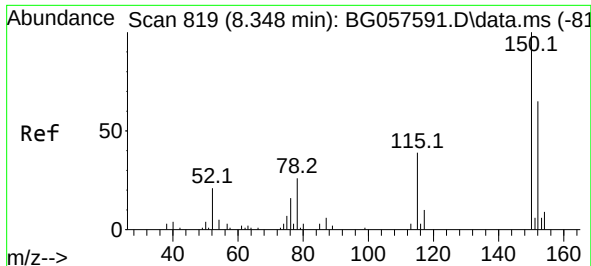
Instrument :
BNA_G
ClientSampleId :
WC27

Quant Time: May 31 03:29:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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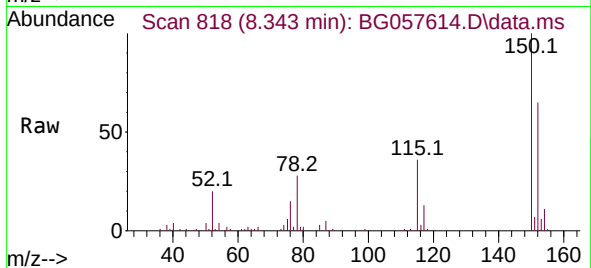
Reviewed By : Christian Giraldo 05/31/2023
Supervised By : Yogesh Patel 06/01/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.343 min Scan# 819
Delta R.T. -0.001 min
Lab File: BG057614.D
Acq: 30 May 2023 20:14

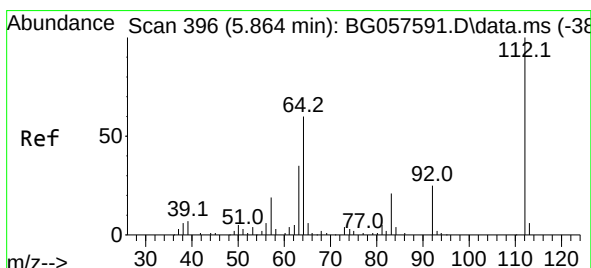
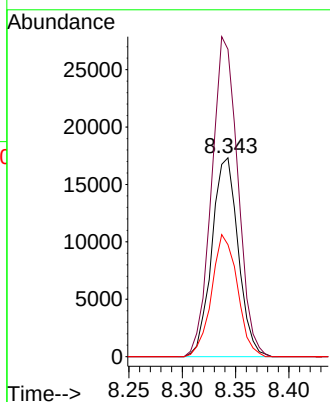
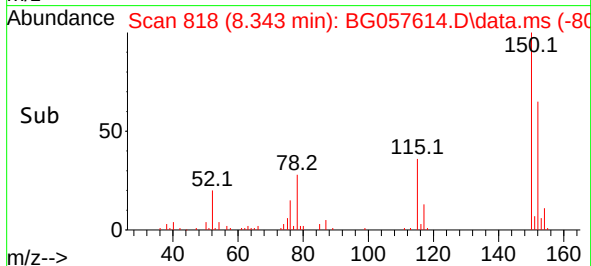
Instrument :
BNA_G
ClientSampleId :
WC27



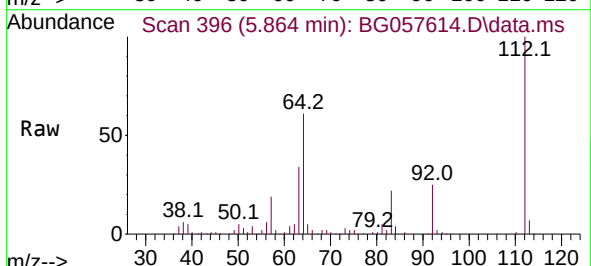
Tgt Ion:152 Resp: 29785
Ion Ratio Lower Upper
152 100
150 154.5 123.0 184.4
115 56.3 47.4 71.2

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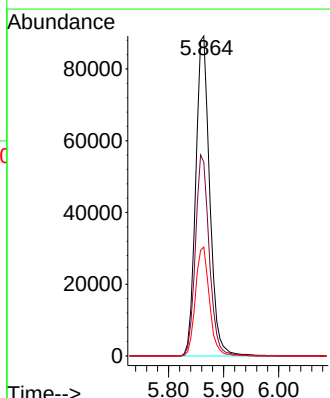
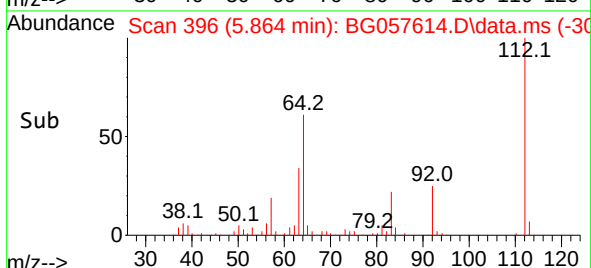
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

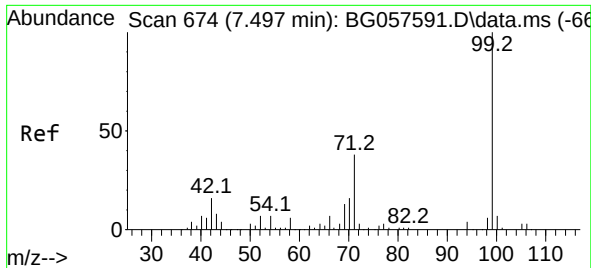


#5
2-Fluorophenol
Concen: 92.129 ng
RT: 5.864 min Scan# 396
Delta R.T. 0.005 min
Lab File: BG057614.D
Acq: 30 May 2023 20:14



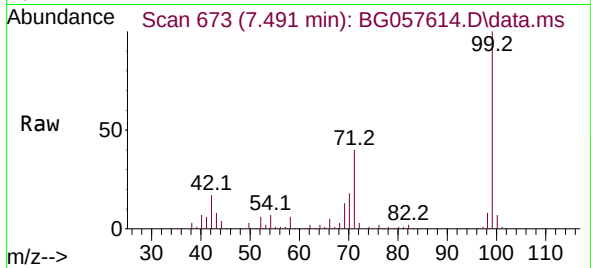
Tgt Ion:112 Resp: 157950
Ion Ratio Lower Upper
112 100
64 60.6 47.8 71.6
63 34.1 27.8 41.8





#7
Phenol-d6
Concen: 87.135 ng
RT: 7.491 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG057614.D
Acq: 30 May 2023 20:14

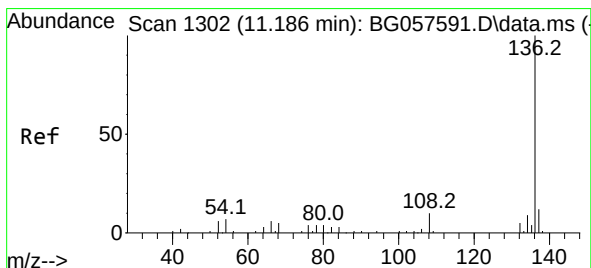
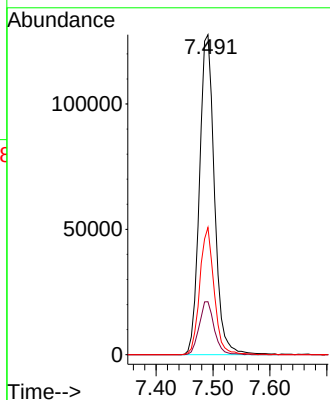
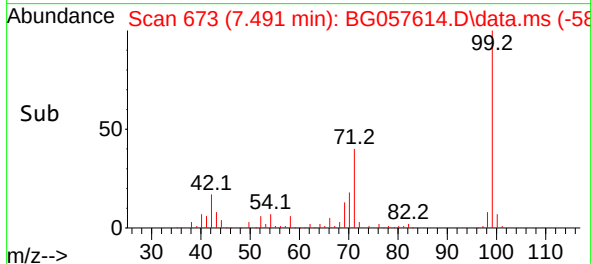
Instrument :
BNA_G
ClientSampleId :
WC27



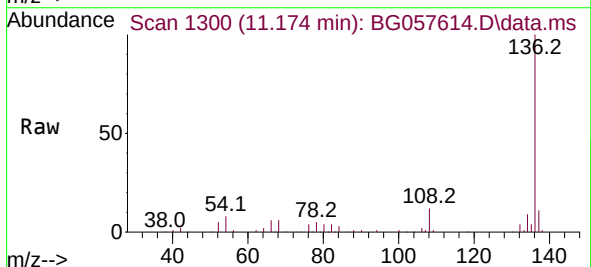
Tgt Ion: 99 Resp: 233789
Ion Ratio Lower Upper
99 100
42 16.5 12.8 19.2
71 39.8 30.3 45.5

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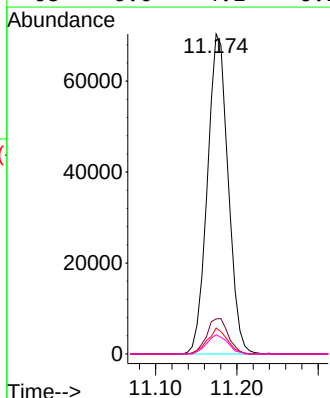
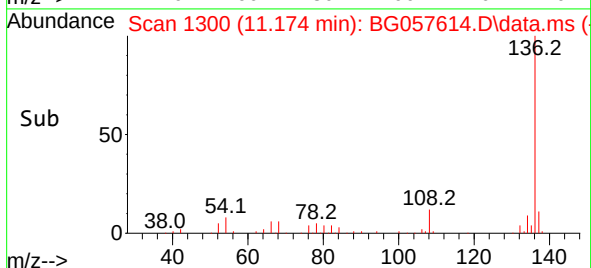
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

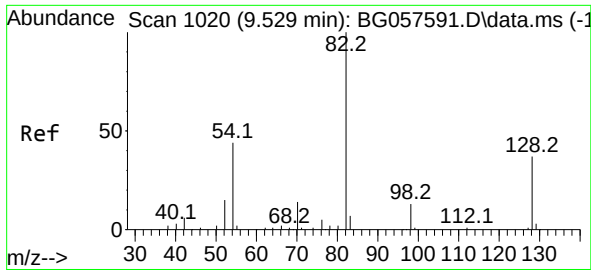


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.174 min Scan# 1300
Delta R.T. -0.001 min
Lab File: BG057614.D
Acq: 30 May 2023 20:14



Tgt Ion:136 Resp: 124879
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.8
54 8.1 5.8 8.6
68 6.0 4.1 6.1





#23
Nitrobenzene-d5
Concen: 57.902 ng
RT: 9.518 min Scan# 1018
Delta R.T. -0.007 min
Lab File: BG057614.D
Acq: 30 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

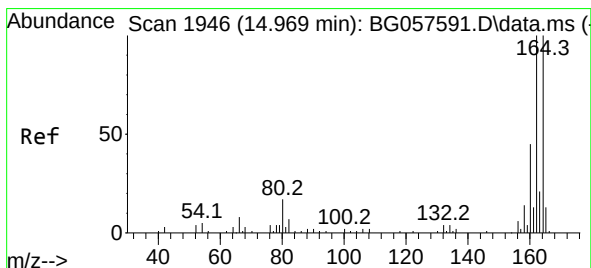
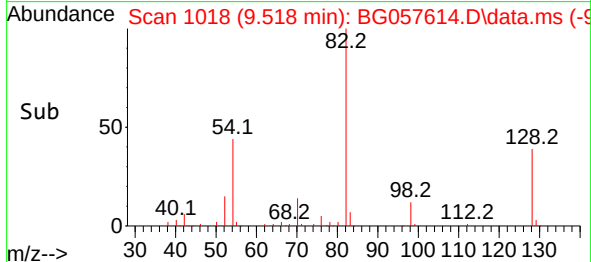
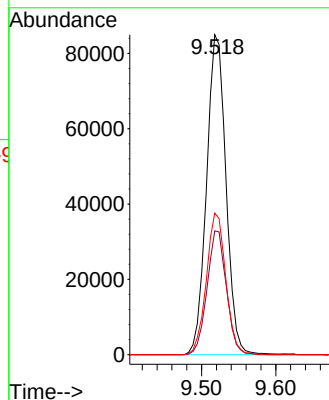
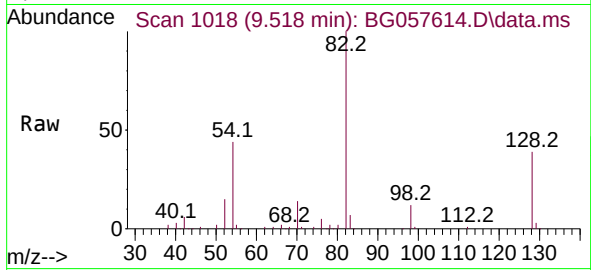
WC27

Tgt Ion: 82 Resp: 15468
Ion Ratio Lower Upper
82 100
128 38.7 30.0 45.0
54 44.2 35.2 52.8

Manual Integrations

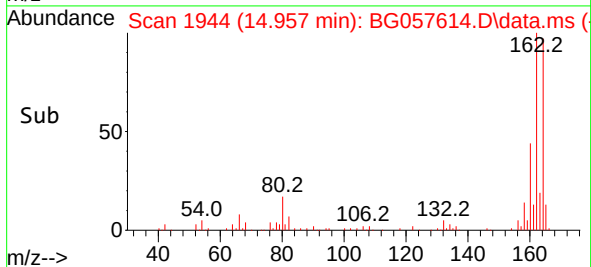
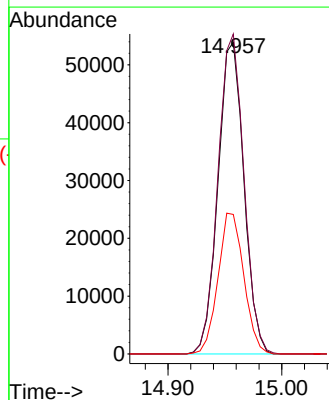
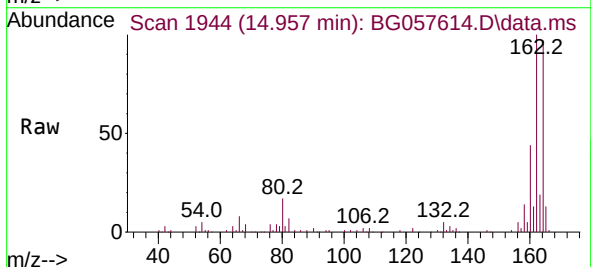
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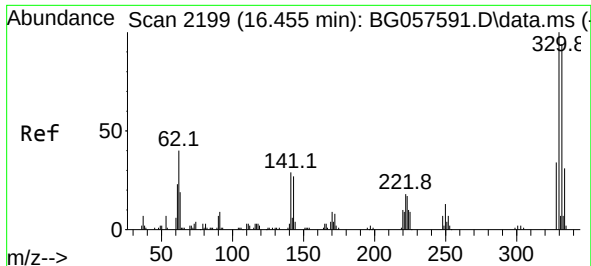
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.957 min Scan# 1944
Delta R.T. -0.001 min
Lab File: BG057614.D
Acq: 30 May 2023 20:14

Tgt Ion:164 Resp: 85353
Ion Ratio Lower Upper
164 100
162 102.7 80.1 120.1
160 44.7 35.9 53.9





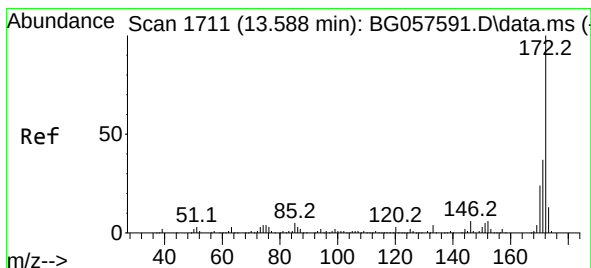
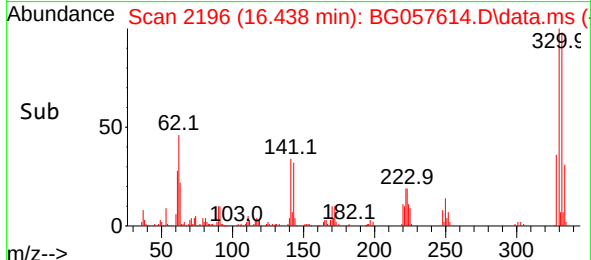
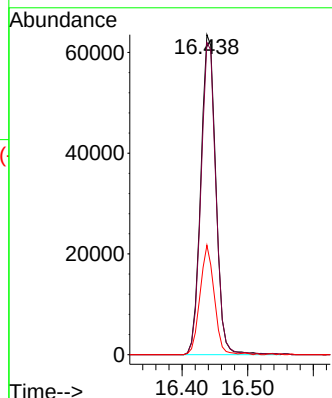
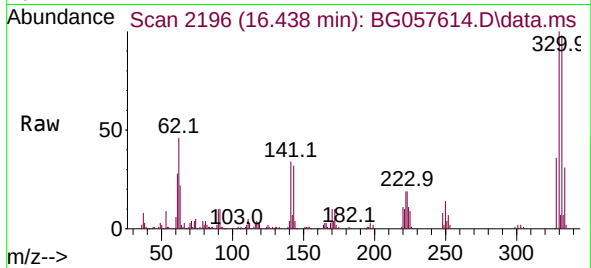
#42
2,4,6-Tribromophenol
Concen: 74.113 ng
RT: 16.438 min Scan# 2199
Delta R.T. -0.007 min
Lab File: BG057614.D
Acq: 30 May 2023 20:14

Instrument :
BNA_G
ClientSampleId :
WC27

Tgt Ion:330 Resp: 10127
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 32.3 24.6 37.0

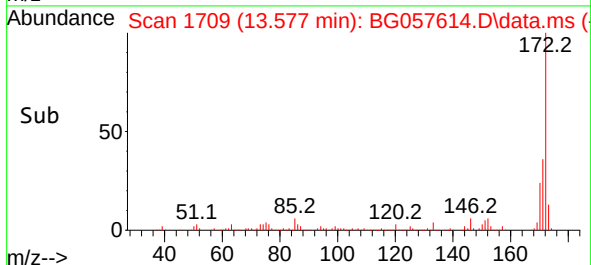
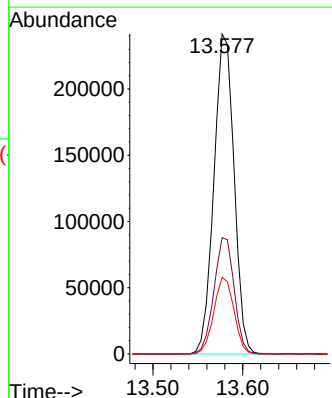
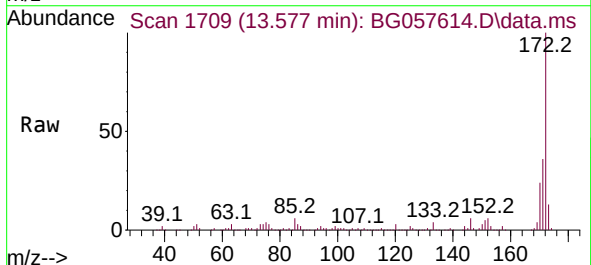
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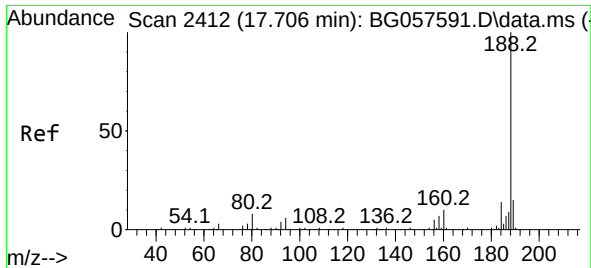
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#45
2-Fluorobiphenyl
Concen: 63.346 ng
RT: 13.577 min Scan# 1709
Delta R.T. -0.007 min
Lab File: BG057614.D
Acq: 30 May 2023 20:14

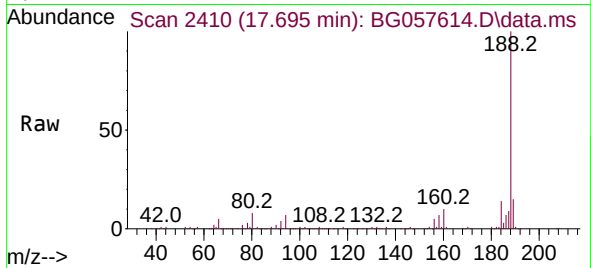
Tgt Ion:172 Resp: 376225
Ion Ratio Lower Upper
172 100
171 36.3 29.2 43.8
170 24.0 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.695 min Scan# 2412
Delta R.T. -0.001 min
Lab File: BG057614.D
Acq: 30 May 2023 20:14

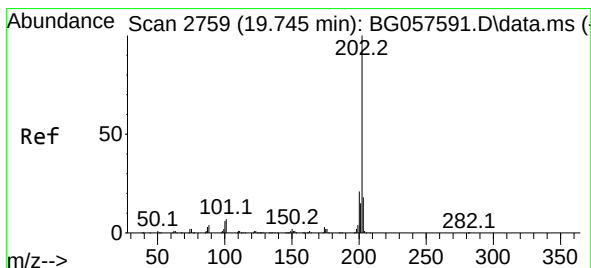
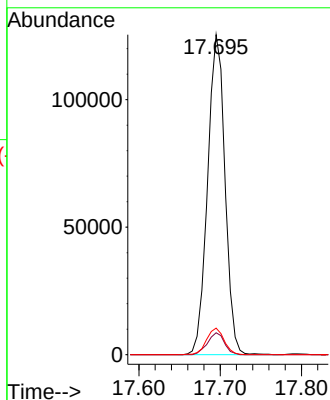
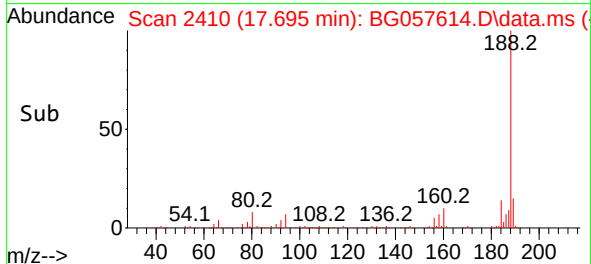
Instrument :
BNA_G
ClientSampleId :
WC27



Tgt Ion:188 Resp: 18662
Ion Ratio Lower Upper
188 100
94 6.9 5.2 7.8
80 8.3 6.7 10.1

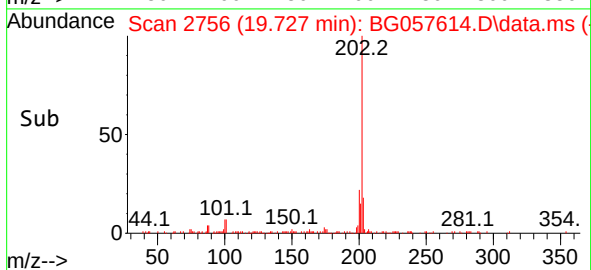
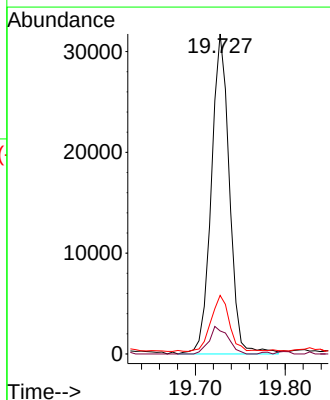
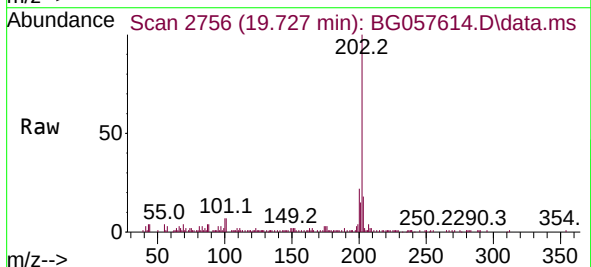
Manual Integrations
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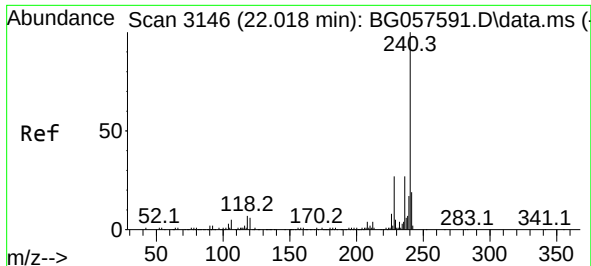
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#75
Fluoranthene
Concen: 3.582 ng
RT: 19.727 min Scan# 2756
Delta R.T. -0.001 min
Lab File: BG057614.D
Acq: 30 May 2023 20:14

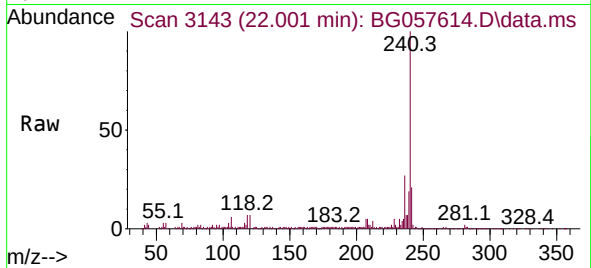
Tgt Ion:202 Resp: 44408
Ion Ratio Lower Upper
202 100
101 7.2 0.0 27.5
203 18.3 0.0 38.4





#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.001 min Scan# 3146
Delta R.T. -0.001 min
Lab File: BG057614.D
Acq: 30 May 2023 20:14

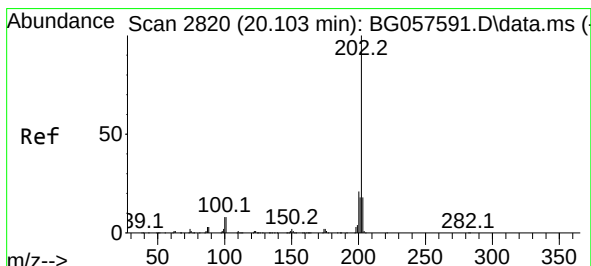
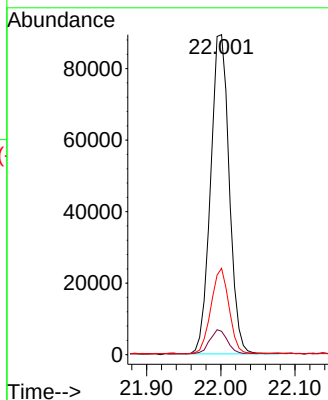
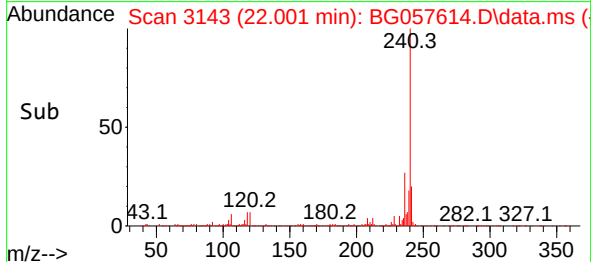
Instrument :
BNA_G
ClientSampleId :
WC27



Tgt Ion:240 Resp: 155910
Ion Ratio Lower Upper
240 100
120 7.3 5.2 7.8
236 27.0 21.4 32.0

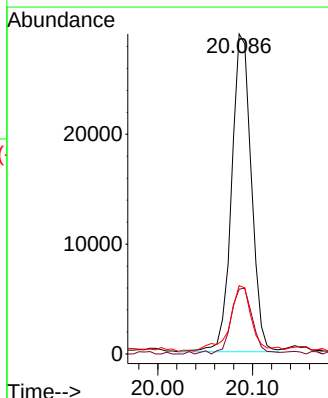
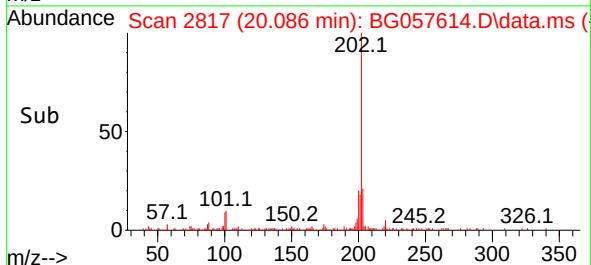
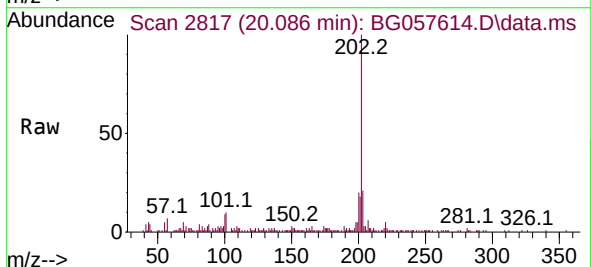
Manual Integrations
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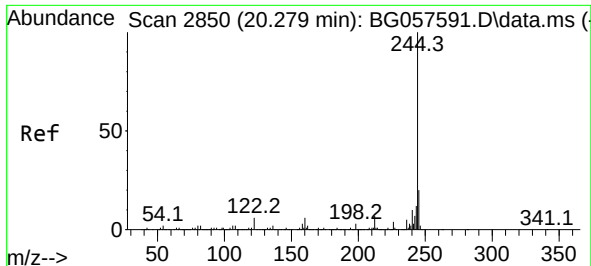
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#78
Pyrene
Concen: 3.757 ng
RT: 20.086 min Scan# 2817
Delta R.T. -0.007 min
Lab File: BG057614.D
Acq: 30 May 2023 20:14

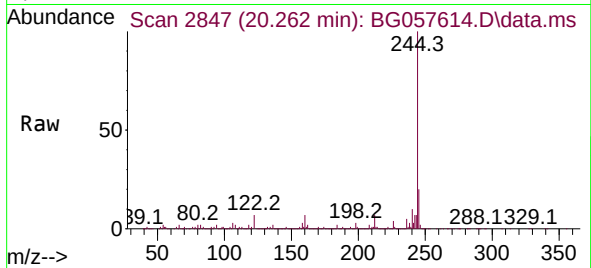
Tgt Ion:202 Resp: 41702
Ion Ratio Lower Upper
202 100
200 20.2 16.8 25.2
203 21.4 14.5 21.7





#79
 Terphenyl-d14
 Concen: 59.586 ng
 RT: 20.262 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG057614.D
 Acq: 30 May 2023 20:14

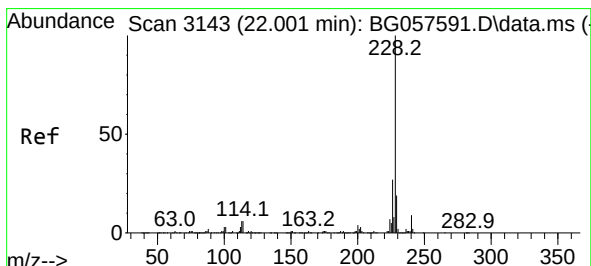
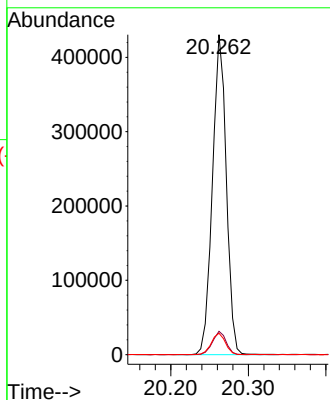
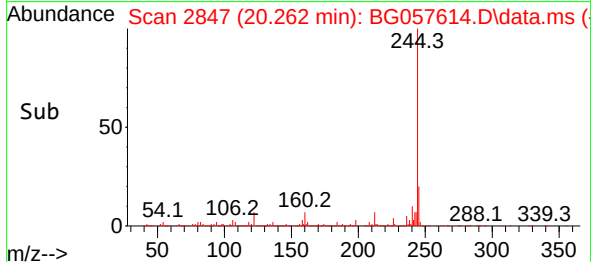
Instrument :
 BNA_G
 ClientSampleId :
 WC27



Tgt Ion:244 Resp: 53630
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 6.7 4.8 7.2

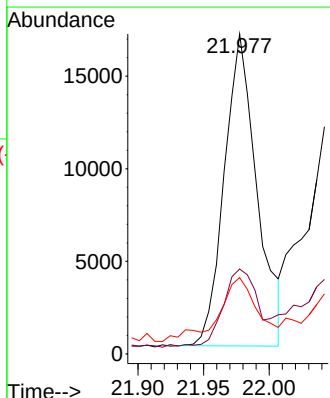
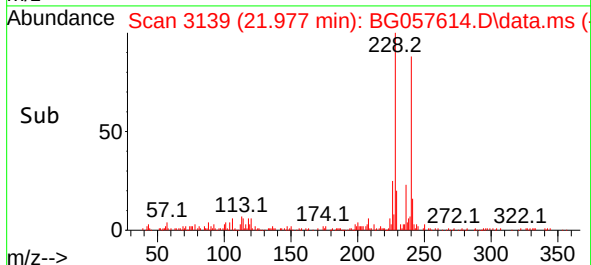
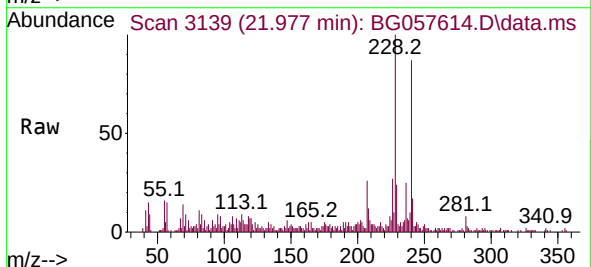
Manual Integrations
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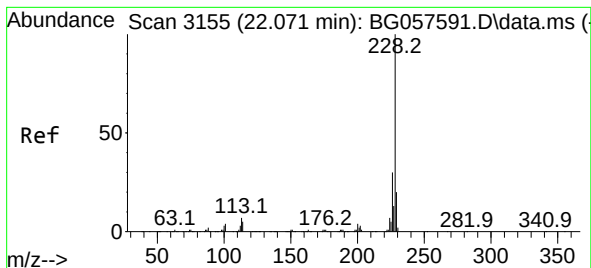
Reviewed By :Christian Giraldo 05/31/2023
 Supervised By :Yogesh Patel 06/01/2023



#81
 Benzo(a)anthracene
 Concen: 2.699 ng
 RT: 21.977 min Scan# 3139
 Delta R.T. -0.001 min
 Lab File: BG057614.D
 Acq: 30 May 2023 20:14

Tgt Ion:228 Resp: 29189
 Ion Ratio Lower Upper
 228 100
 226 26.6 21.4 32.0
 229 23.9 15.4 23.2#





#83

Chrysene

Concen: 2.914 ng m

RT: 22.048 min Scan# 3155

Delta R.T. -0.007 min

Lab File: BG057614.D

Acq: 30 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

WC27

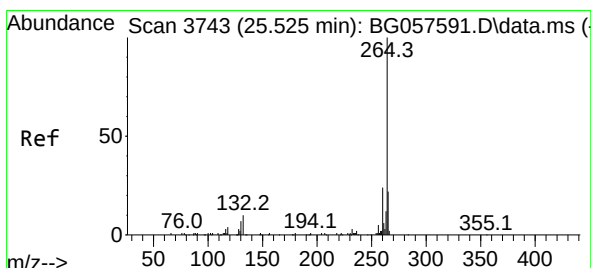
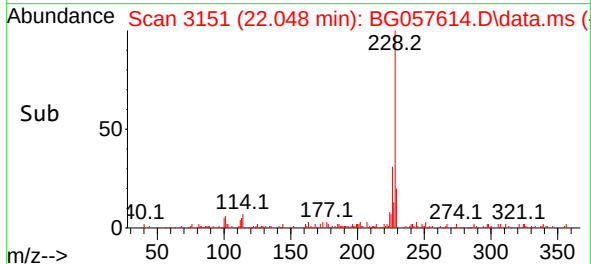
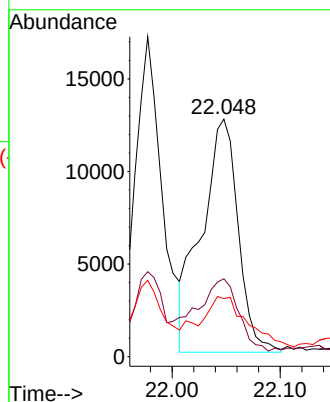
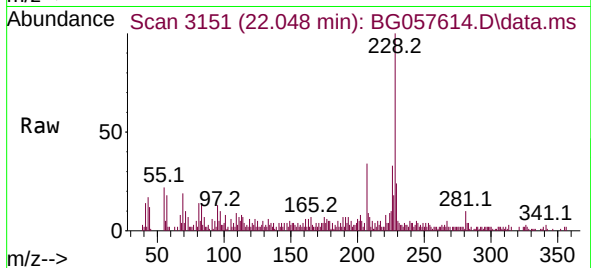
Tgt Ion:	228	Resp:	2978
Ion Ratio	Lower	Upper	
228	100		
226	32.8	24.3	36.5
229	24.4	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/31/2023

Supervised By :Yogesh Patel 06/01/2023



#86

Perylene-d12

Concen: 20.000 ng

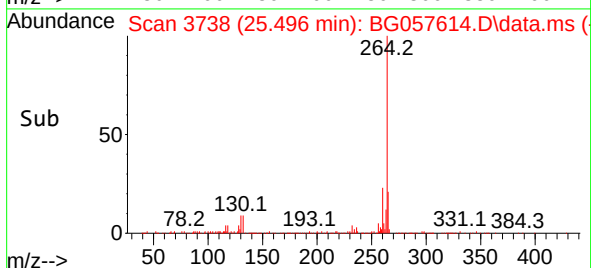
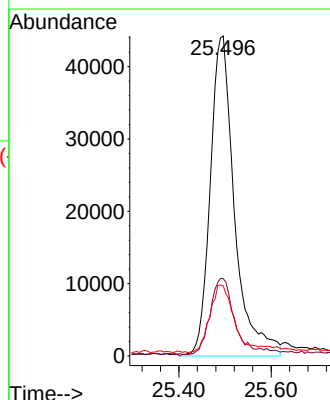
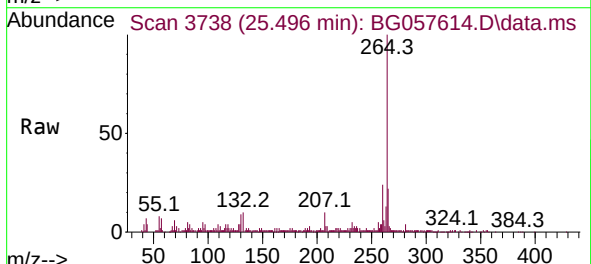
RT: 25.496 min Scan# 3738

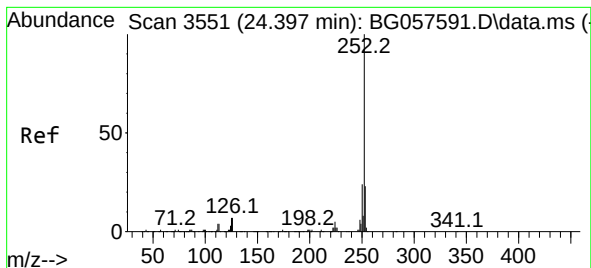
Delta R.T. 0.005 min

Lab File: BG057614.D

Acq: 30 May 2023 20:14

Tgt Ion:	264	Resp:	161843
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.1	28.7
265	21.9	17.7	26.5





#88

Benzo(b)fluoranthene

Concen: 4.377 ng

RT: 24.374 min Scan# 3551

Delta R.T. -0.001 min

Lab File: BG057614.D

Acq: 30 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

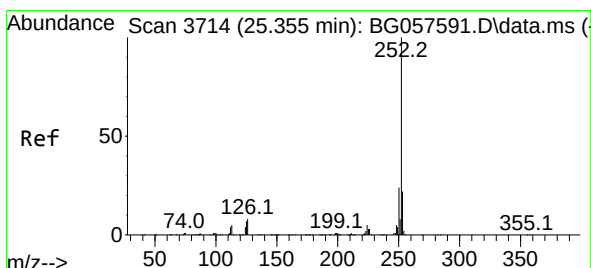
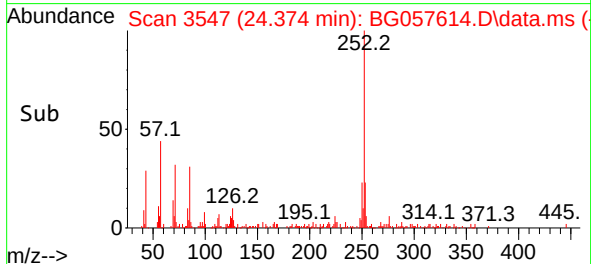
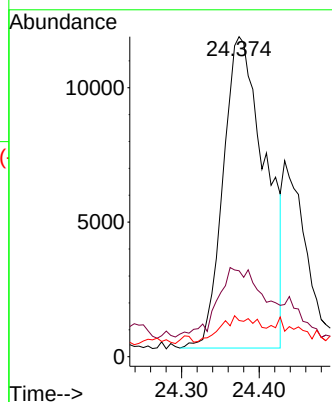
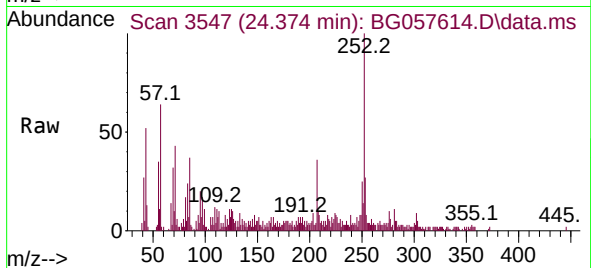
WC27

Tgt Ion:252 Resp: 4360
 Ion Ratio Lower Upper
 252 100
 253 26.9 18.4 27.6
 125 11.3 5.2 7.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/31/2023
 Supervised By :Yogesh Patel 06/01/2023



#90

Benzo(a)pyrene

Concen: 2.781 ng

RT: 25.332 min Scan# 3710

Delta R.T. 0.005 min

Lab File: BG057614.D

Acq: 30 May 2023 20:14

Tgt Ion:252 Resp: 27021
 Ion Ratio Lower Upper
 252 100
 253 25.4 17.7 26.5
 125 12.6 5.3 7.9

