

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
 Data File : BG060729.D
 Acq On : 2 Apr 2024 00:21
 Operator : MA/JU
 Sample : P1937-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 369

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/02/2024
 Supervised By :mohammad ahmed 04/02/2024

Quant Time: Apr 02 01:22:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	96314	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	412727	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	267033	20.000	ng	0.00
64) Phenanthrene-d10	17.335	188	570803	20.000	ng	0.00
76) Chrysene-d12	21.595	240	505765	20.000	ng	0.00
86) Perylene-d12	24.744	264	513945	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	396059	68.504	ng	0.00
7) Phenol-d6	7.118	99	579875	67.569	ng	0.00
23) Nitrobenzene-d5	9.110	82	355230	49.112	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	230669	76.097	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	853576	46.913	ng	0.00
79) Terphenyl-d14	19.956	244	1254985	43.693	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.386	202	125890	3.495	ng	98
78) Pyrene	19.744	202	131789	3.726	ng	99
83) Chrysene	21.642	228	74330	2.163	ng	# 89
88) Benzo(b)fluoranthene	23.751	252	67412m	2.283	ng	

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

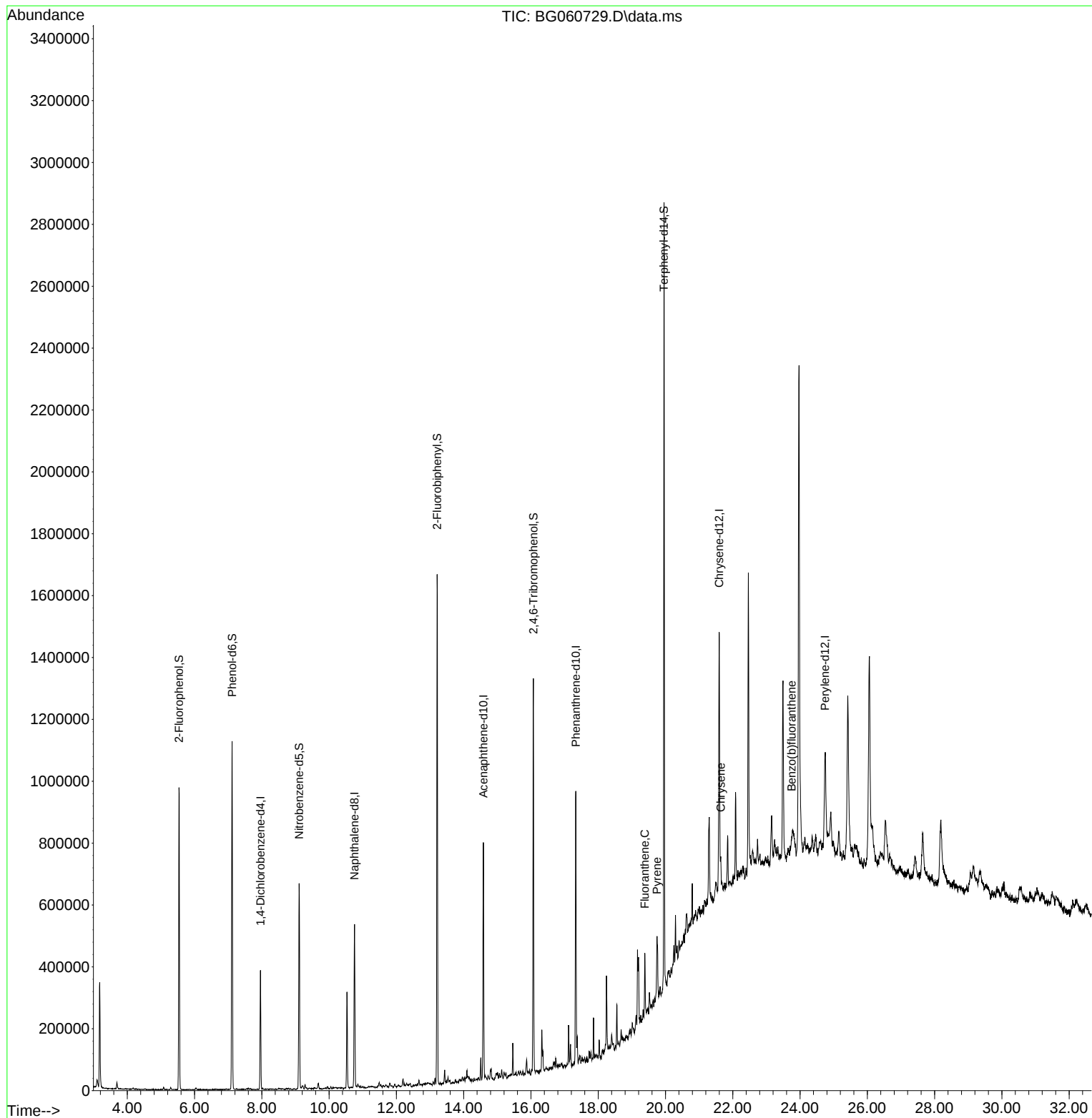
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
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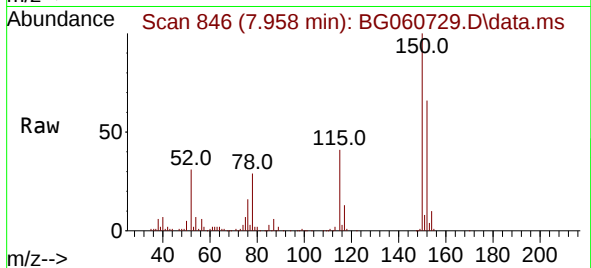
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 846
Delta R.T. -0.003 min
Lab File: BG060729.D
Acq: 2 Apr 2024 00:21

Instrument :

BNA_G

ClientSampleId :

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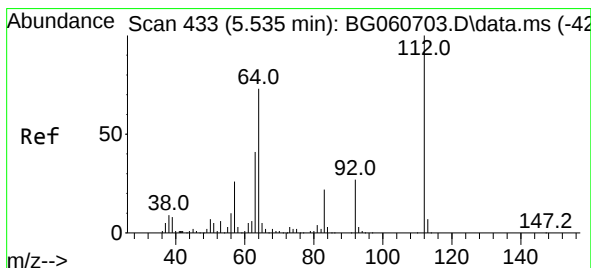
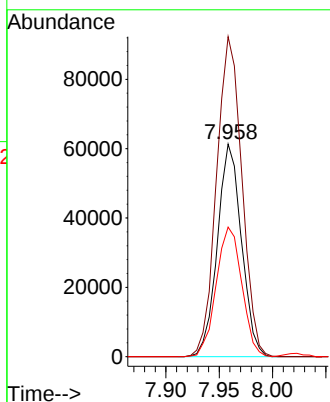
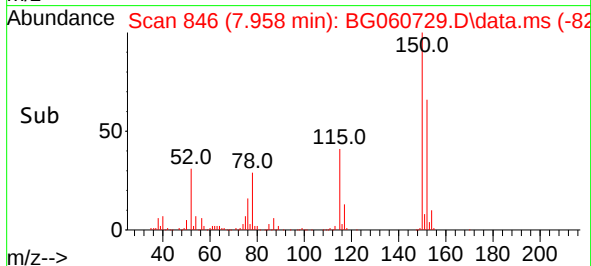
Tgt Ion:152 Resp: 96314
Ion Ratio Lower Upper
152 100
150 150.5 130.2 195.4
115 61.0 51.6 77.4

Manual Integrations

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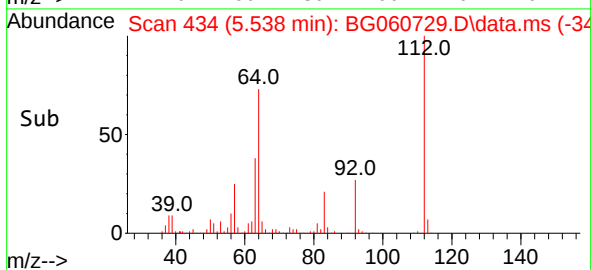
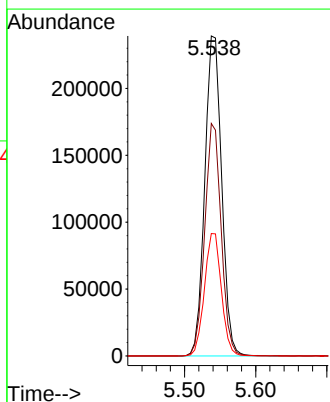
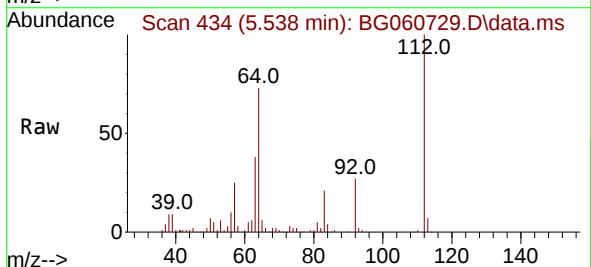
Reviewed By :Yogesh Patel 04/02/2024

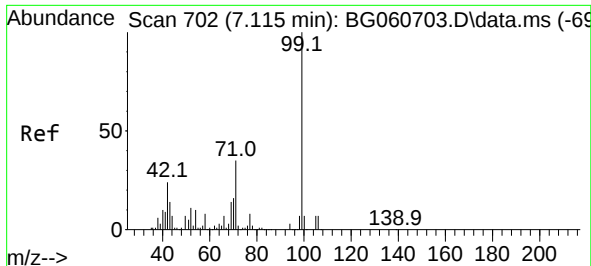
Supervised By :mohammad ahmed 04/02/2024



#5
2-Fluorophenol
Concen: 68.504 ng
RT: 5.538 min Scan# 434
Delta R.T. 0.003 min
Lab File: BG060729.D
Acq: 2 Apr 2024 00:21

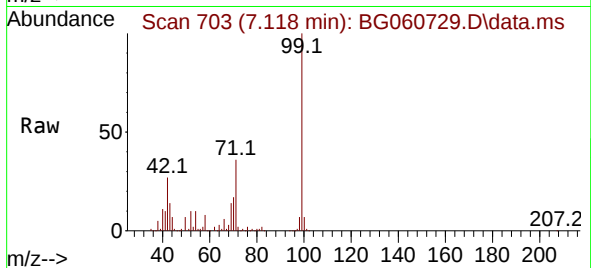
Tgt Ion:112 Resp: 396059
Ion Ratio Lower Upper
112 100
64 72.6 58.4 87.6
63 38.2 32.7 49.1





#7
Phenol-d6
Concen: 67.569 ng
RT: 7.118 min Scan# 702
Delta R.T. 0.003 min
Lab File: BG060729.D
Acq: 2 Apr 2024 00:21

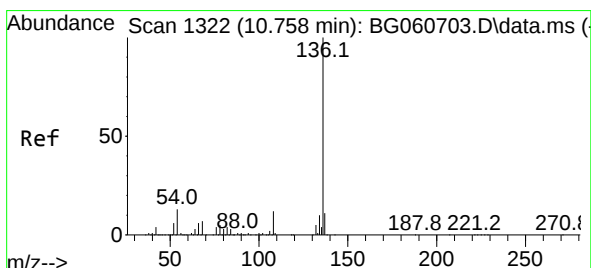
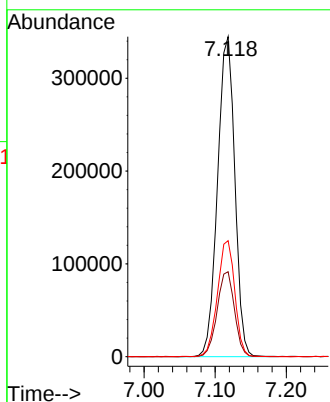
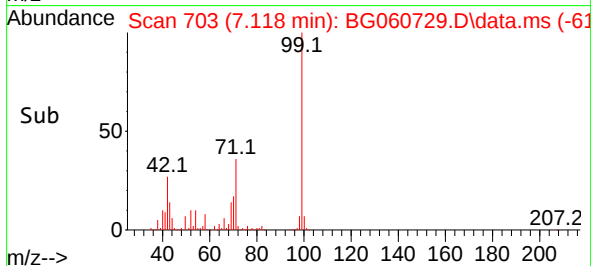
Instrument :
BNA_G
ClientSampleId :
369



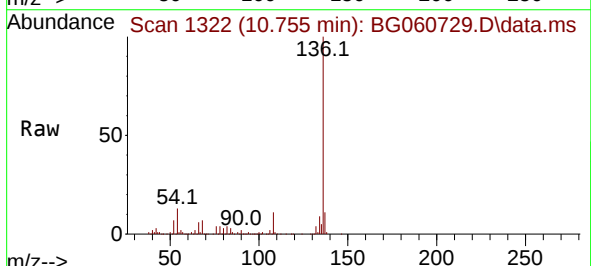
Tgt Ion: 99 Resp: 579875
Ion Ratio Lower Upper
99 100
42 26.6 19.4 29.2
71 36.3 28.2 42.2

Manual Integrations
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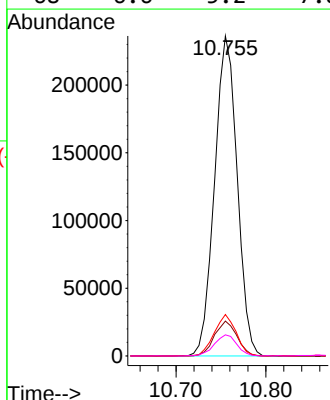
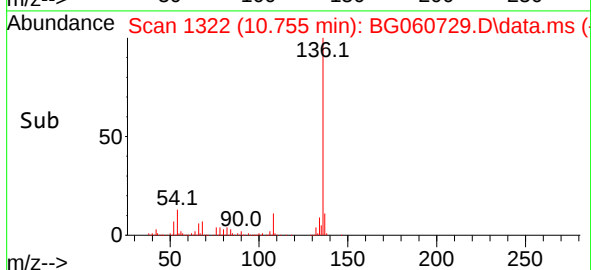
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

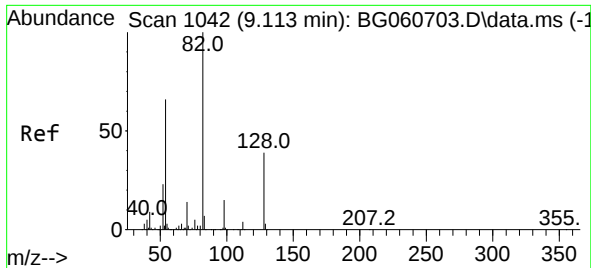


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 1322
Delta R.T. -0.003 min
Lab File: BG060729.D
Acq: 2 Apr 2024 00:21



Tgt Ion:136 Resp: 412727
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 12.9 10.2 15.2
68 6.6 5.2 7.8





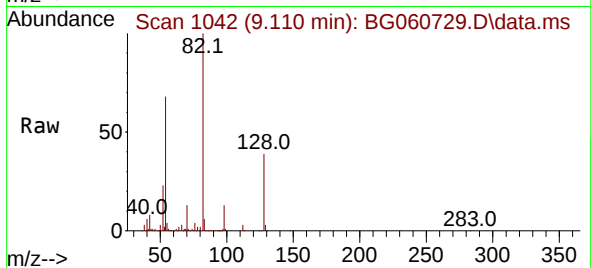
#23
Nitrobenzene-d5
Concen: 49.112 ng
RT: 9.110 min Scan# 1042
Delta R.T. -0.003 min
Lab File: BG060729.D
Acq: 2 Apr 2024 00:21

Instrument :

BNA_G

ClientSampleId :

369



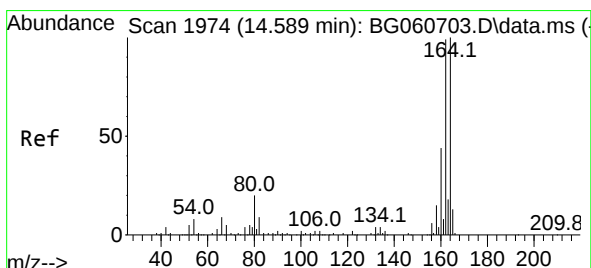
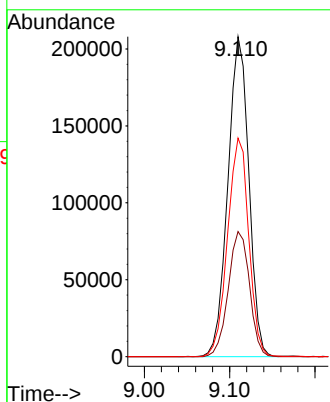
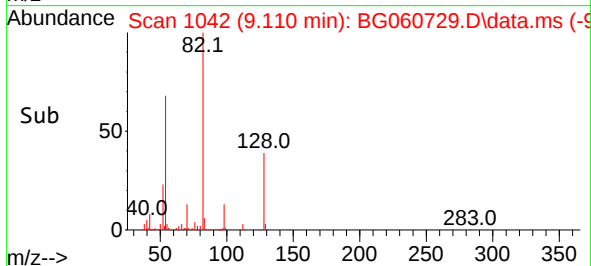
Tgt Ion: 82 Resp: 355230
Ion Ratio Lower Upper
82 100
128 39.1 31.2 46.8
54 68.3 53.2 79.8

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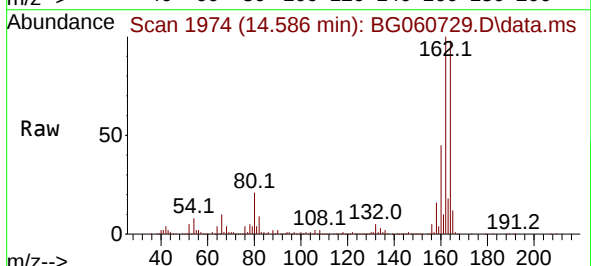
APPROVED

Reviewed By :Yogesh Patel 04/02/2024

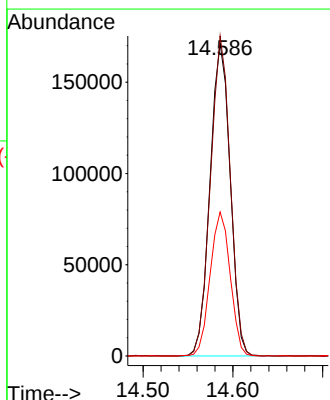
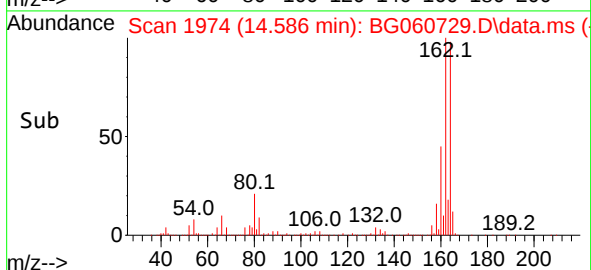
Supervised By :mohammad ahmed 04/02/2024

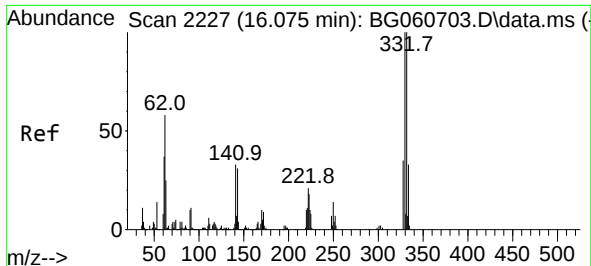


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.586 min Scan# 1974
Delta R.T. -0.003 min
Lab File: BG060729.D
Acq: 2 Apr 2024 00:21



Tgt Ion:164 Resp: 267033
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 46.1 35.4 53.0





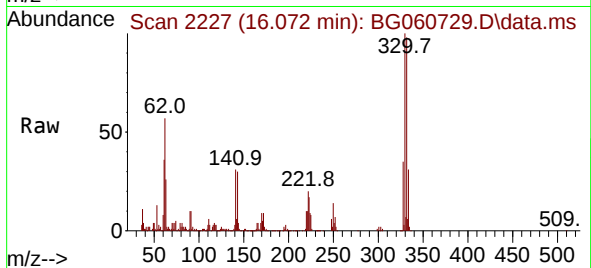
#42
2,4,6-Tribromophenol
Concen: 76.097 ng
RT: 16.072 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060729.D
Acq: 2 Apr 2024 00:21

Instrument :

BNA_G

ClientSampleId :

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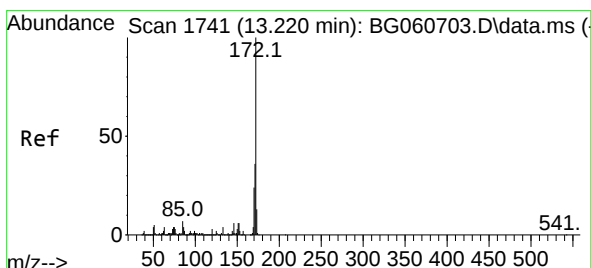
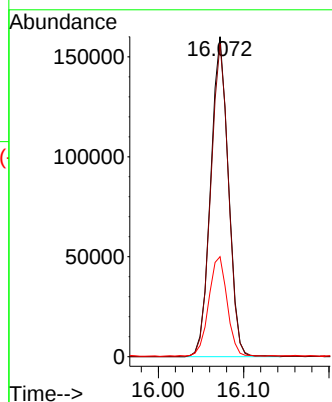
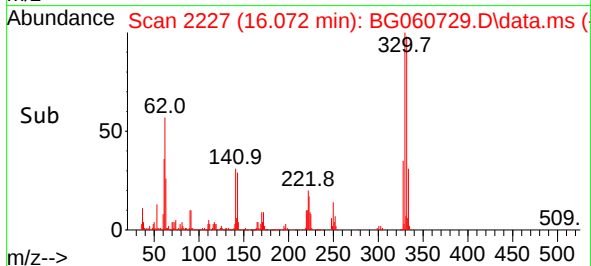
Tgt Ion:330 Resp: 230669
Ion Ratio Lower Upper
330 100
332 97.8 78.2 117.4
141 32.5 27.0 40.6

Manual Integrations

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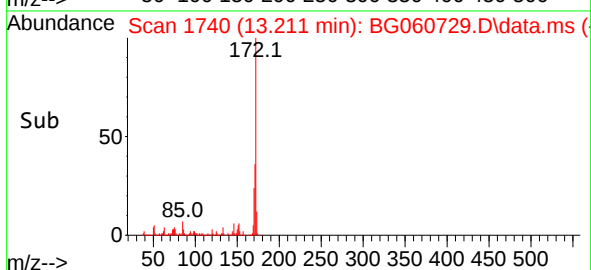
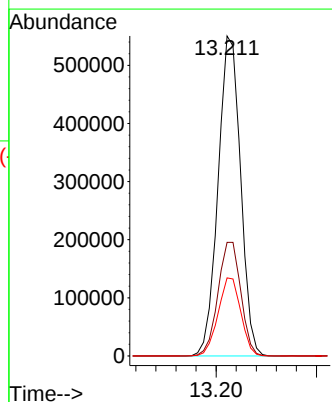
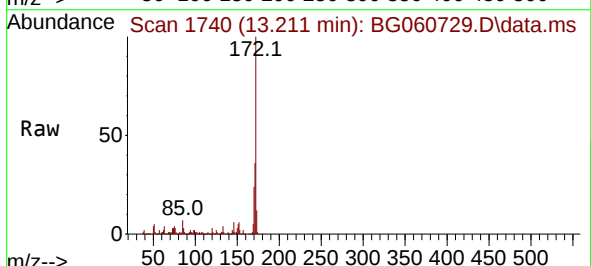
Reviewed By :Yogesh Patel 04/02/2024

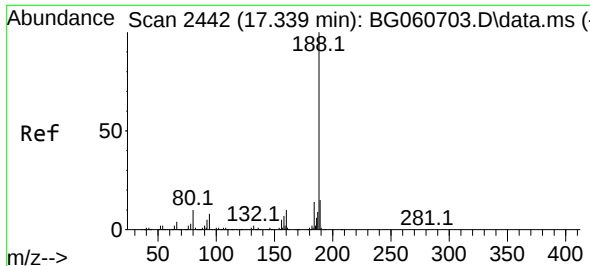
Supervised By :mohammad ahmed 04/02/2024



#45
2-Fluorobiphenyl
Concen: 46.913 ng
RT: 13.211 min Scan# 1740
Delta R.T. -0.009 min
Lab File: BG060729.D
Acq: 2 Apr 2024 00:21

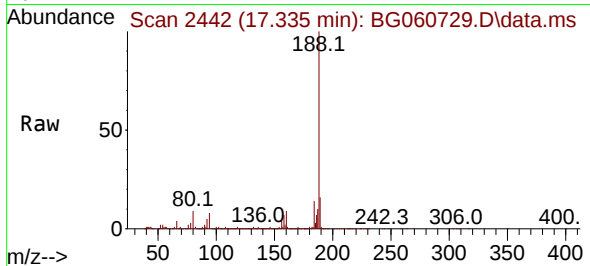
Tgt Ion:172 Resp: 853576
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 24.4 19.4 29.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.335 min Scan# 2442
Delta R.T. -0.003 min
Lab File: BG060729.D
Acq: 2 Apr 2024 00:21

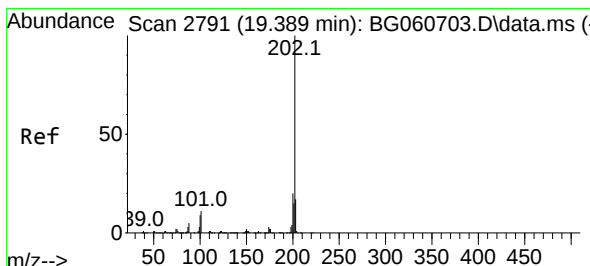
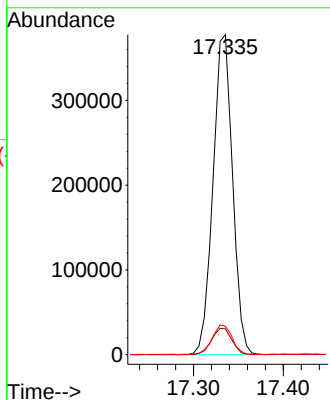
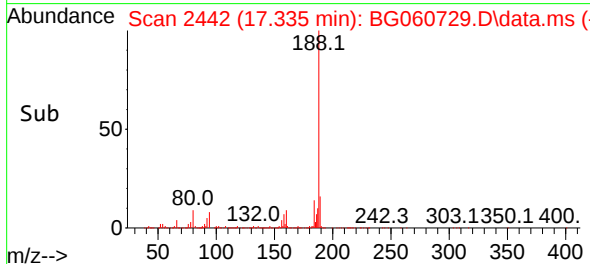
Instrument :
BNA_G
ClientSampleId :
369



Tgt Ion:188 Resp: 57080
Ion Ratio Lower Upper
188 100
94 8.1 6.6 9.8
80 8.9 7.6 11.4

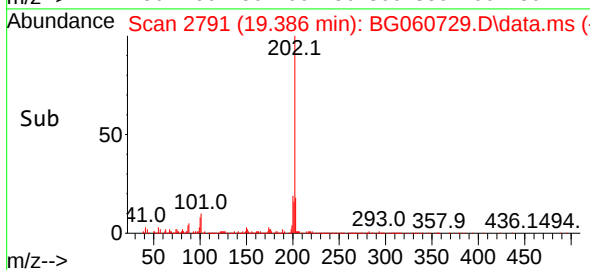
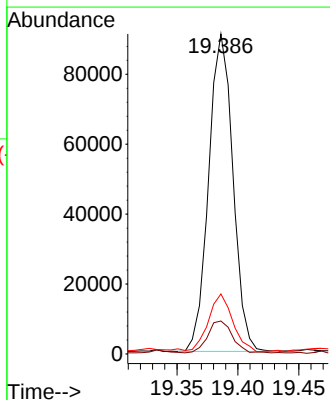
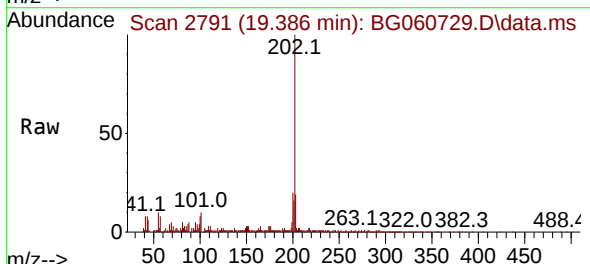
Manual Integrations
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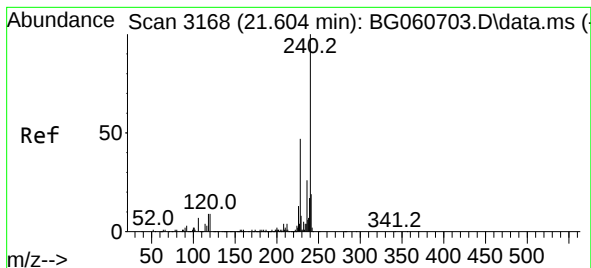
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#75
Fluoranthene
Concen: 3.495 ng
RT: 19.386 min Scan# 2791
Delta R.T. -0.003 min
Lab File: BG060729.D
Acq: 2 Apr 2024 00:21

Tgt Ion:202 Resp: 125890
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.8
203 18.8 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.595 min Scan# 3167

Delta R.T. -0.009 min

Lab File: BG060729.D

Acq: 2 Apr 2024 00:21

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:240 Resp: 50576

Ion Ratio Lower Upper

240 100

120 9.8 7.1 10.7

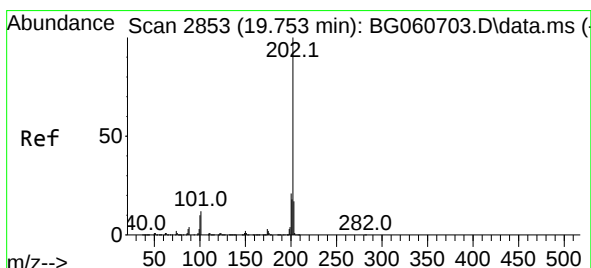
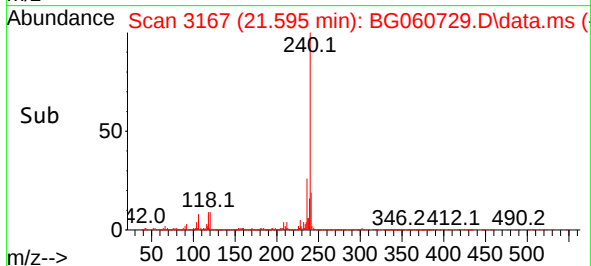
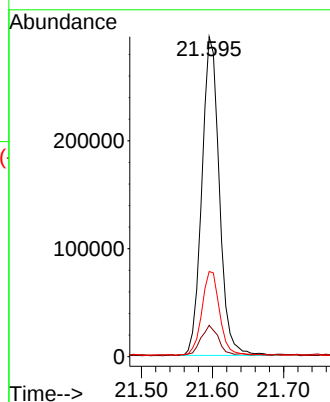
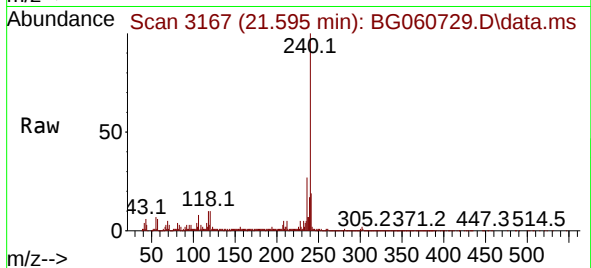
236 26.6 20.7 31.1

Manual Integrations

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Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#78

Pyrene

Concen: 3.726 ng

RT: 19.744 min Scan# 2852

Delta R.T. -0.009 min

Lab File: BG060729.D

Acq: 2 Apr 2024 00:21

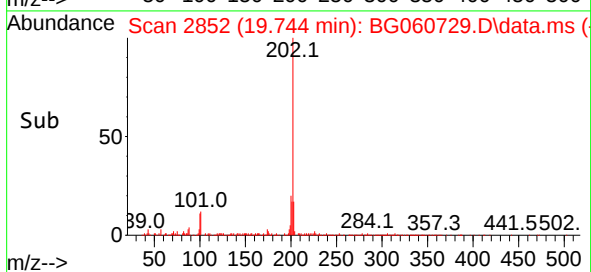
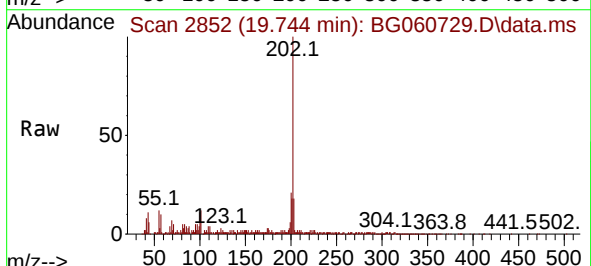
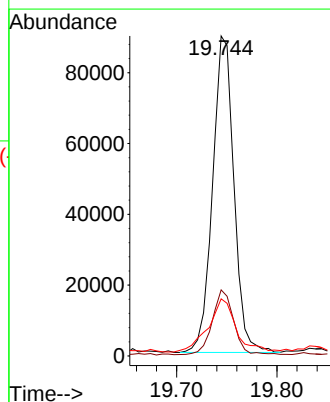
Tgt Ion:202 Resp: 131789

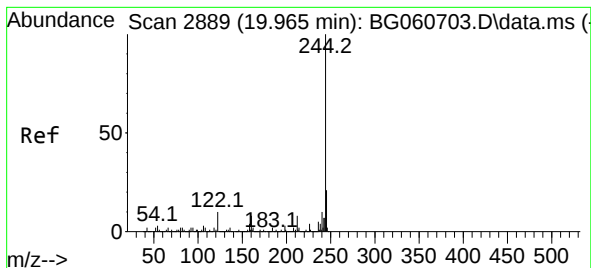
Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.4

203 17.9 14.0 21.0





#79

Terphenyl-d14

Concen: 43.693 ng

RT: 19.956 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG060729.D

Acq: 2 Apr 2024 00:21

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:244 Resp: 125498

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

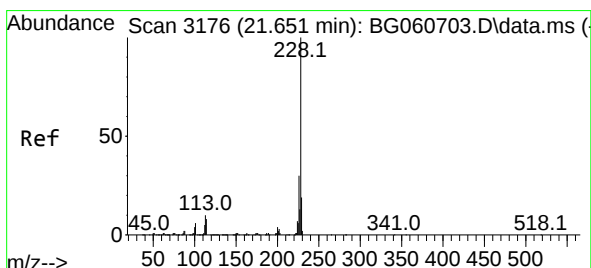
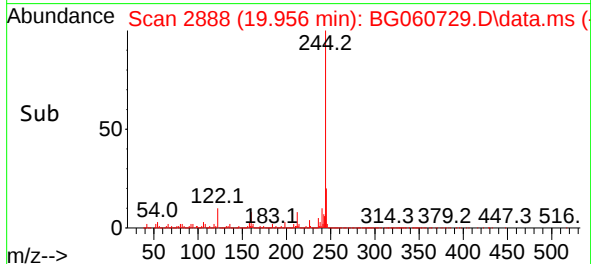
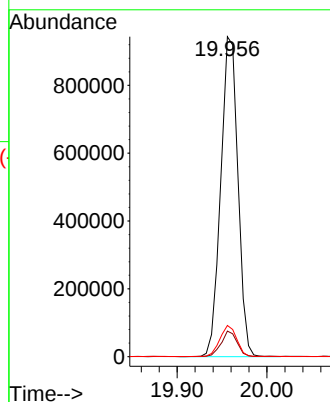
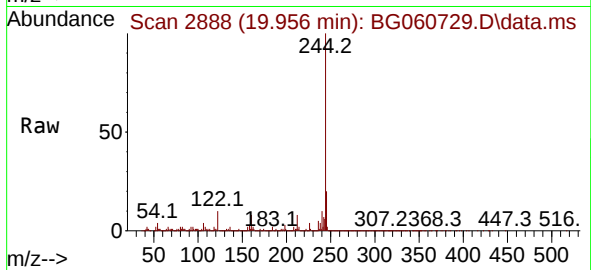
122 9.8 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#83

Chrysene

Concen: 2.163 ng

RT: 21.642 min Scan# 3175

Delta R.T. -0.009 min

Lab File: BG060729.D

Acq: 2 Apr 2024 00:21

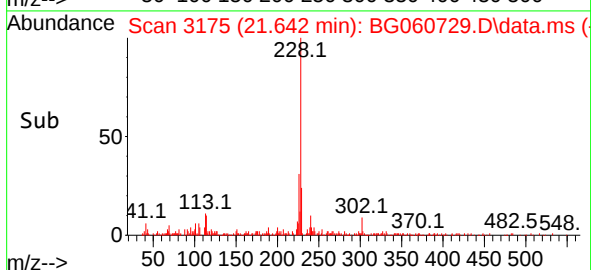
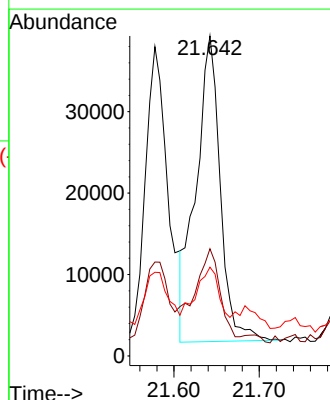
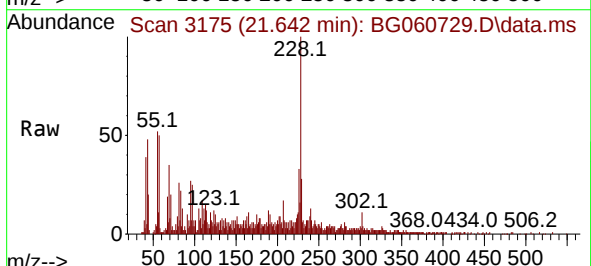
Tgt Ion:228 Resp: 74330

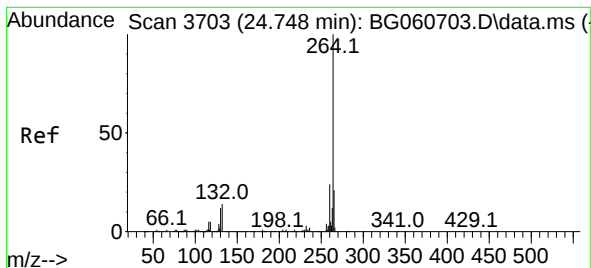
Ion Ratio Lower Upper

228 100

226 33.5 24.2 36.4

229 27.8 15.5 23.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.744 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG060729.D

Acq: 2 Apr 2024 00:21

Instrument :

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ClientSampleId :

369

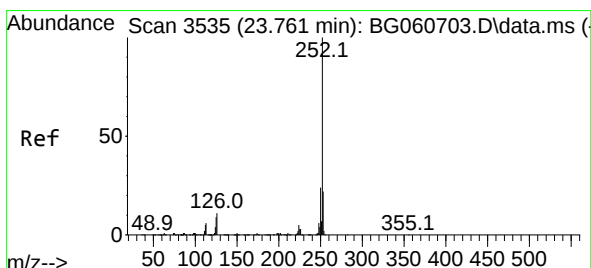
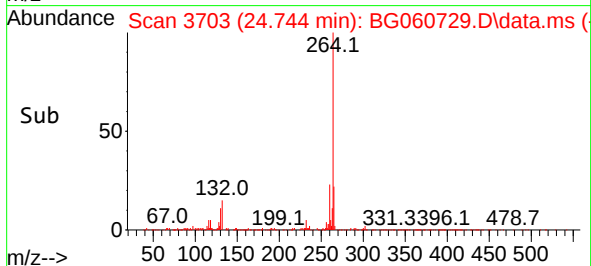
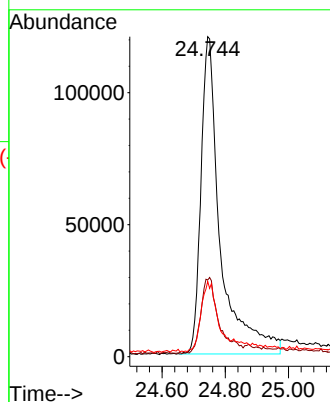
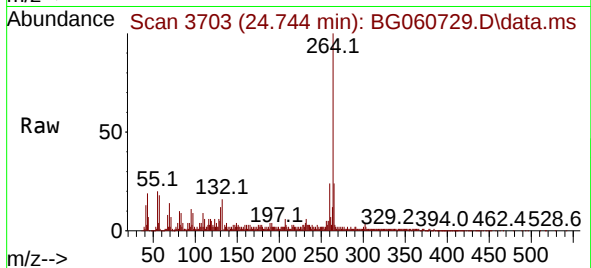
Tgt Ion:	264	Resp:	51394
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.5	29.3
265	23.5	16.9	25.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#88

Benzo(b)fluoranthene

Concen: 2.283 ng m

RT: 23.751 min Scan# 3534

Delta R.T. -0.009 min

Lab File: BG060729.D

Acq: 2 Apr 2024 00:21

Tgt Ion:	252	Resp:	67412
Ion Ratio	Lower	Upper	
252	100		
253	40.5	17.8	26.8#
125	28.6	7.1	10.7#

