

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041524\
 Data File : BG060907.D
 Acq On : 15 Apr 2024 19:12
 Operator : MA/JU
 Sample : P2108-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 286

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/17/2024
 Supervised By :mohammad ahmed 04/18/2024

Quant Time: Apr 16 01:04:00 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	7.955	152	69295	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	245945	20.000	ng	#-0.01
39) Acenaphthene-d10	14.618	164	123039	20.000	ng	# 0.03
64) Phenanthrene-d10	17.462	188	148171m	20.000	ng	0.12
76) Chrysene-d12	21.674	240	254644	20.000	ng	# 0.07
86) Perylene-d12	24.794	264	298139	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	302137	72.635	ng	0.00
7) Phenol-d6	7.115	99	384376	62.252	ng	0.00
23) Nitrobenzene-d5	9.101	82	276155	64.071	ng	-0.01
42) 2,4,6-Tribromophenol	16.151	330	116766	83.602	ng	0.08
45) 2-Fluorobiphenyl	13.214	172	534344	63.737	ng	0.00
79) Terphenyl-d14	20.070	244	601395	41.586	ng	0.11
Target Compounds						Qvalue
46) 1,1'-Biphenyl	13.425	154	52720	6.066	ng	81

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

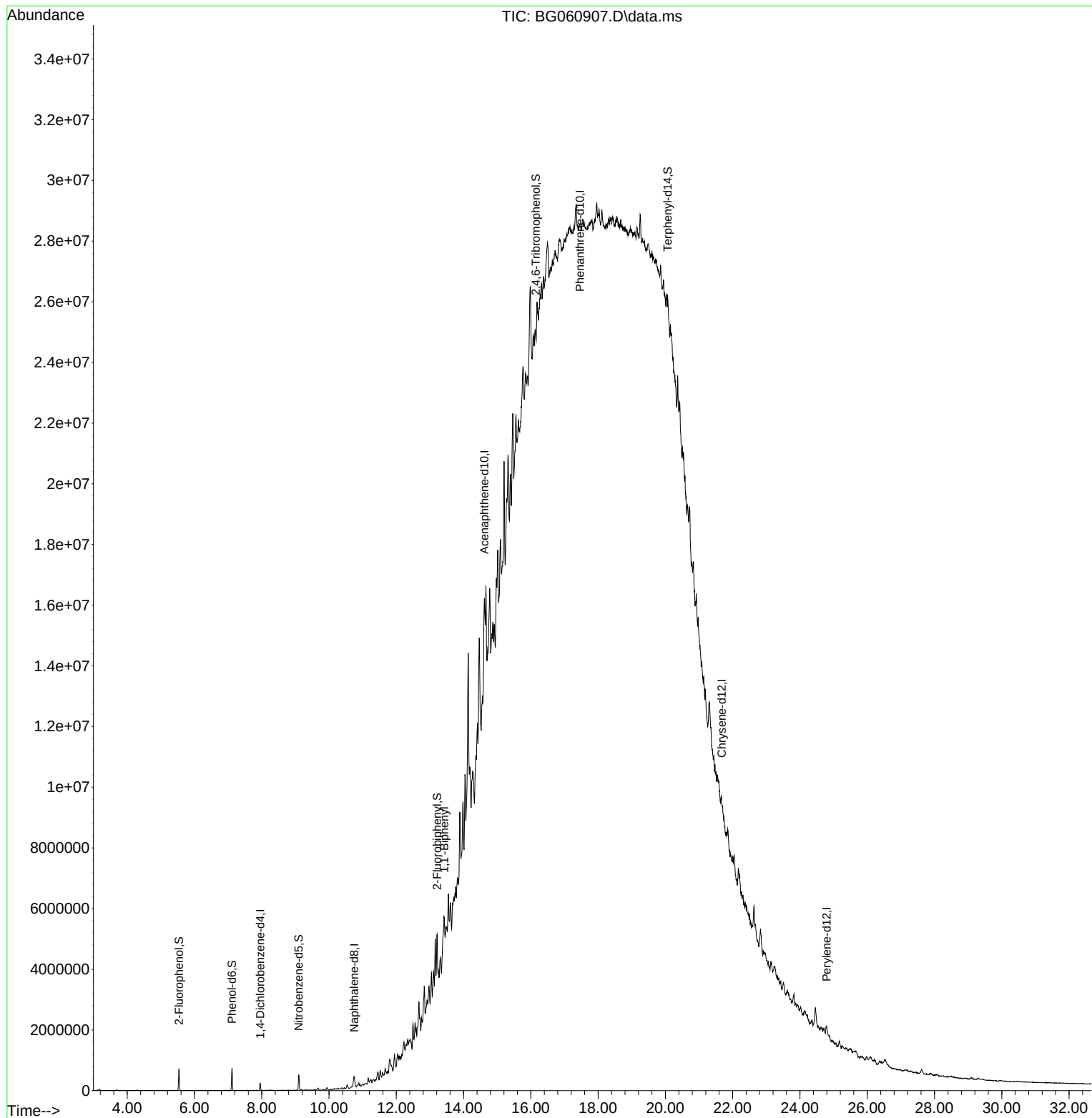
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041524\
Data File : BG060907.D
Acq On : 15 Apr 2024 19:12
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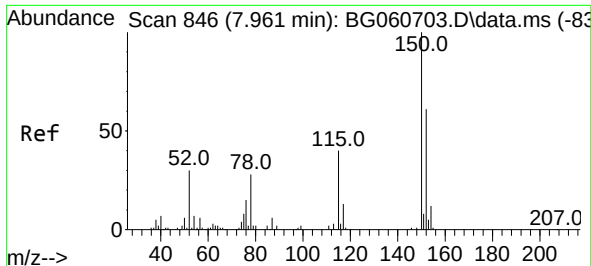
Instrument :
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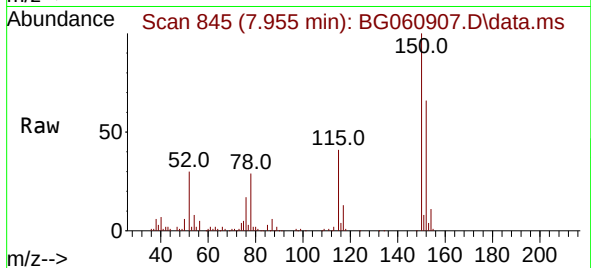
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.955 min Scan# 846
Delta R.T. -0.006 min
Lab File: BG060907.D
Acq: 15 Apr 2024 19:12

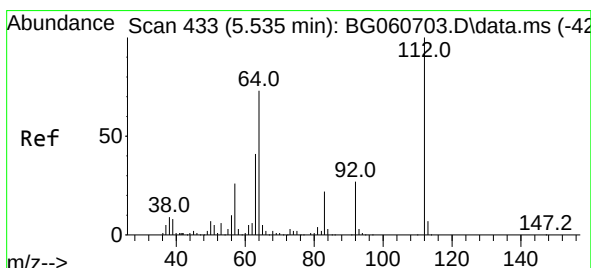
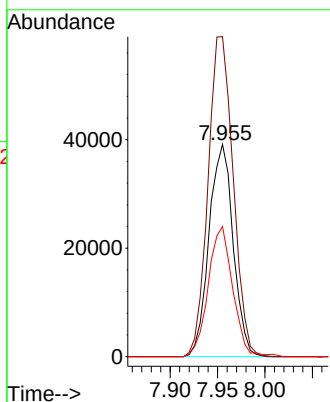
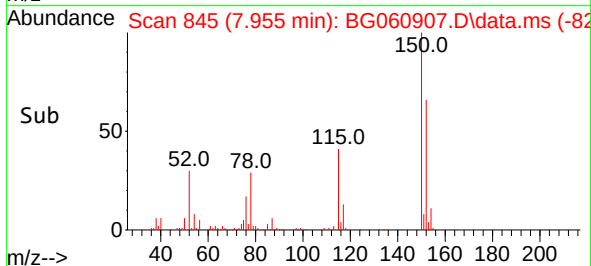
Instrument :
BNA_G
ClientSampleId :
286



Tgt Ion:152 Resp: 6929
Ion Ratio Lower Upper
152 100
150 150.8 130.2 195.4
115 61.3 51.6 77.4

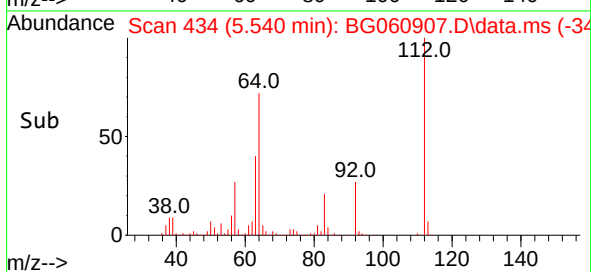
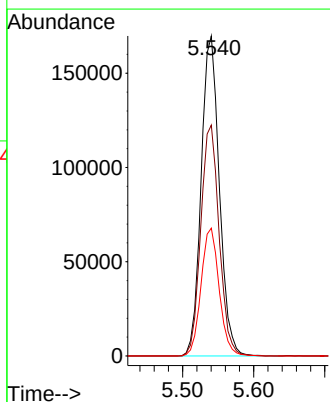
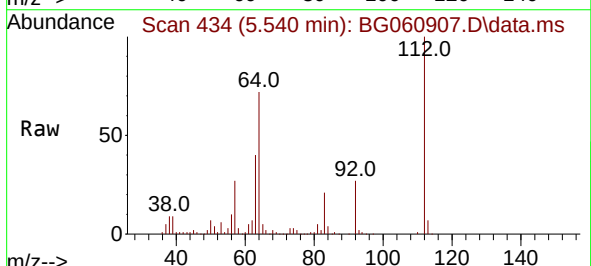
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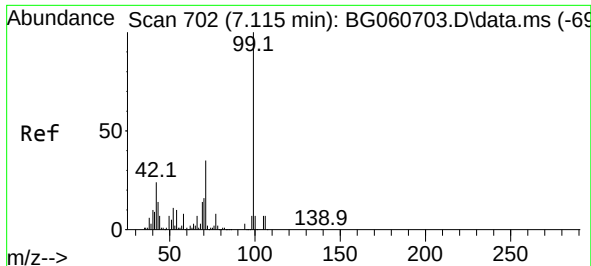
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#5
2-Fluorophenol
Concen: 72.635 ng
RT: 5.540 min Scan# 434
Delta R.T. 0.005 min
Lab File: BG060907.D
Acq: 15 Apr 2024 19:12

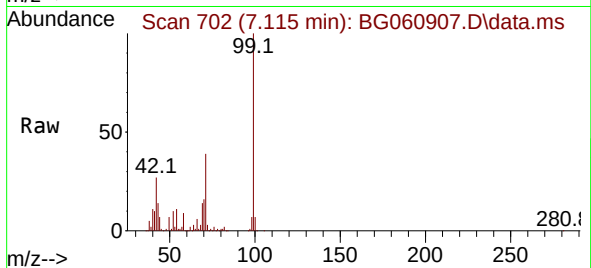
Tgt Ion:112 Resp: 302137
Ion Ratio Lower Upper
112 100
64 72.2 58.4 87.6
63 40.0 32.7 49.1





#7
Phenol-d6
Concen: 62.252 ng
RT: 7.115 min Scan# 702
Delta R.T. -0.000 min
Lab File: BG060907.D
Acq: 15 Apr 2024 19:12

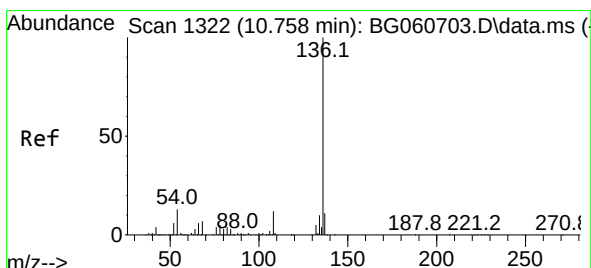
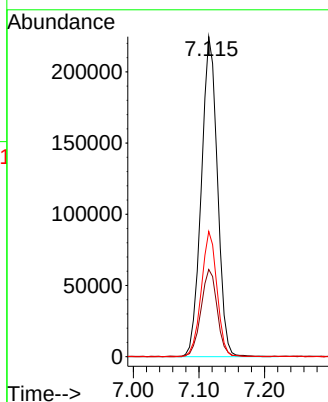
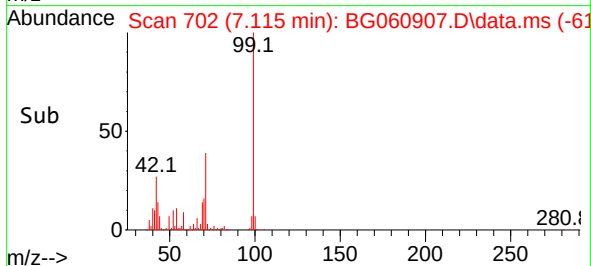
Instrument :
BNA_G
ClientSampleId :
286



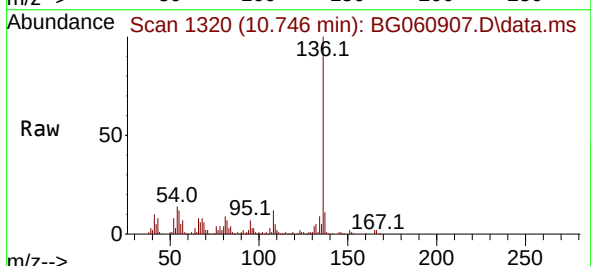
Tgt Ion: 99 Resp: 384370
Ion Ratio Lower Upper
99 100
42 27.2 19.4 29.2
71 39.2 28.2 42.2

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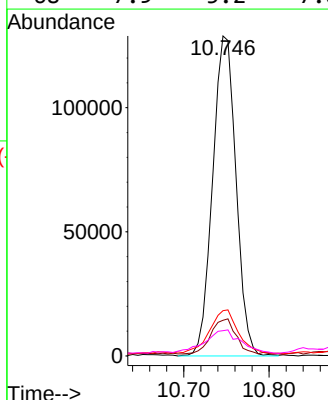
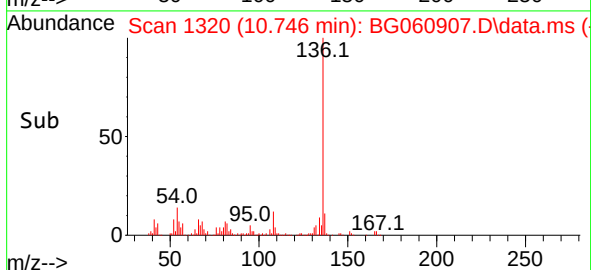
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024

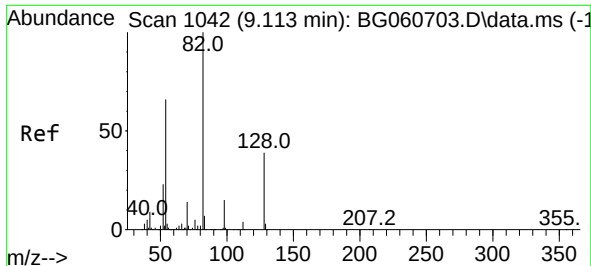


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BG060907.D
Acq: 15 Apr 2024 19:12



Tgt Ion:136 Resp: 245945
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 14.2 10.2 15.2
68 7.9 5.2 7.8#





#23

Nitrobenzene-d5

Concen: 64.071 ng

RT: 9.101 min Scan# 1040

Delta R.T. -0.012 min

Lab File: BG060907.D

Acq: 15 Apr 2024 19:12

Instrument :

BNA_G

ClientSampleId :

286

Tgt Ion: 82 Resp: 27615

Ion Ratio Lower Upper

82 100

128 39.7 31.2 46.8

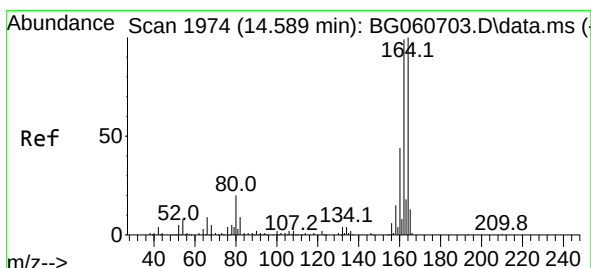
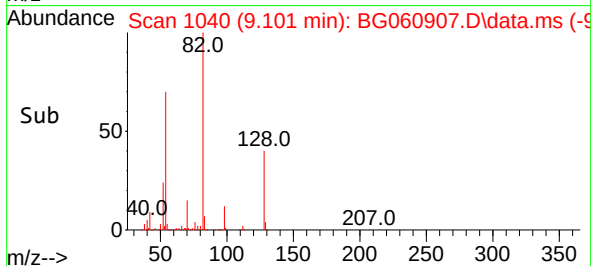
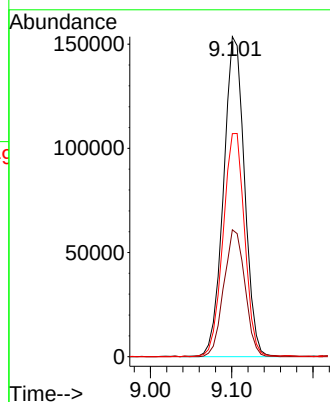
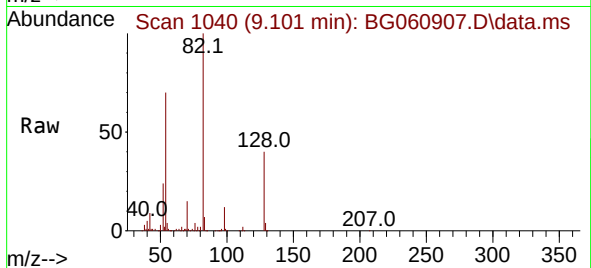
54 69.7 53.2 79.8

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.618 min Scan# 1979

Delta R.T. 0.029 min

Lab File: BG060907.D

Acq: 15 Apr 2024 19:12

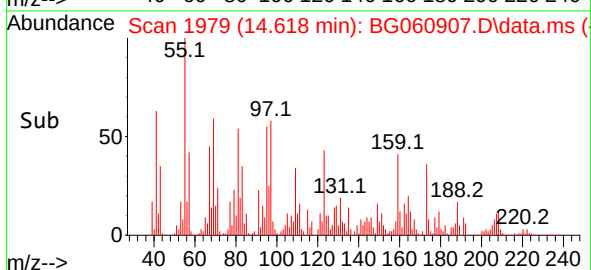
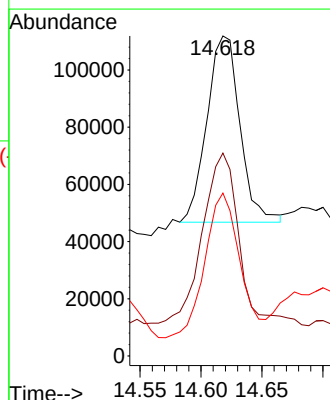
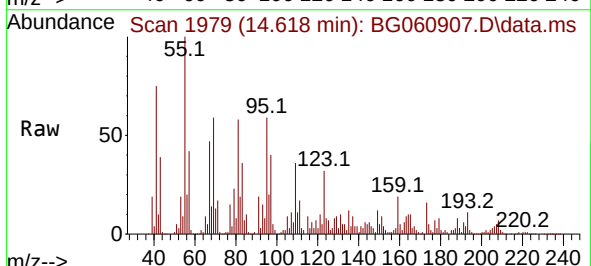
Tgt Ion:164 Resp: 123039

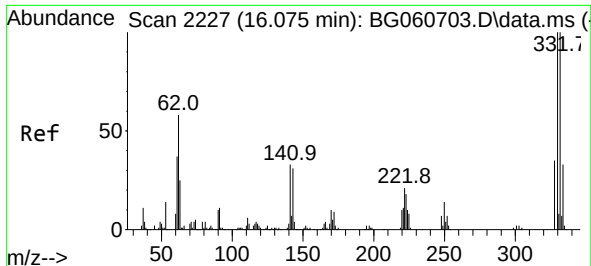
Ion Ratio Lower Upper

164 100

162 63.4 79.5 119.3#

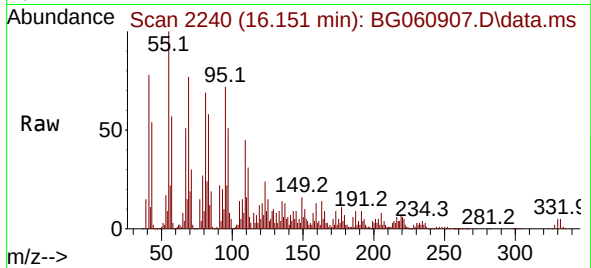
160 50.9 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 83.602 ng
RT: 16.151 min Scan# 21
Delta R.T. 0.076 min
Lab File: BG060907.D
Acq: 15 Apr 2024 19:12

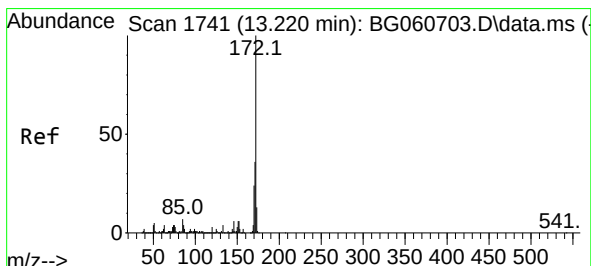
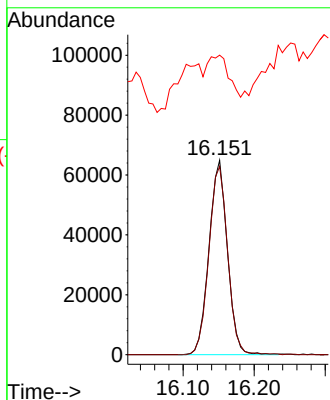
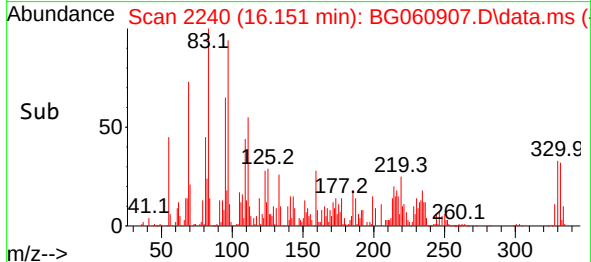
Instrument :
BNA_G
ClientSampleId :
286



Tgt Ion:330 Resp: 116760
Ion Ratio Lower Upper
330 100
332 98.7 78.2 117.4
141 0.0 27.0 40.6

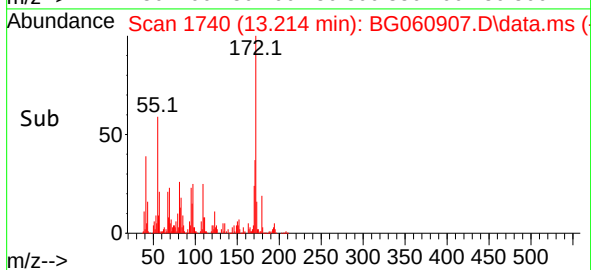
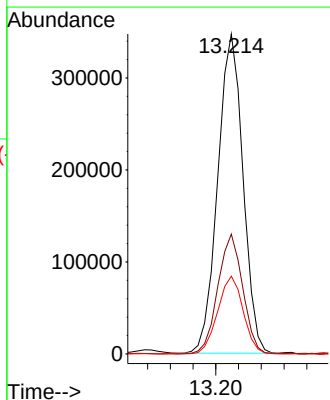
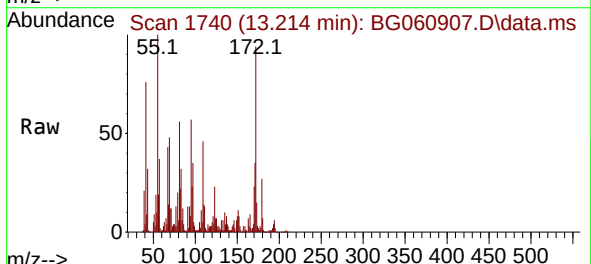
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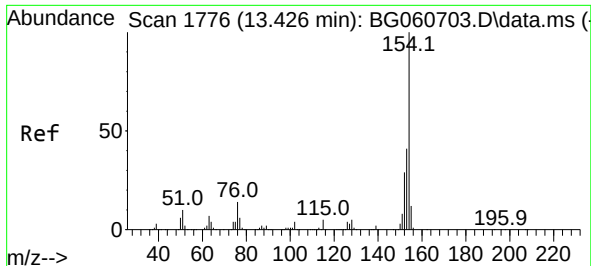
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#45
2-Fluorobiphenyl
Concen: 63.737 ng
RT: 13.214 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG060907.D
Acq: 15 Apr 2024 19:12

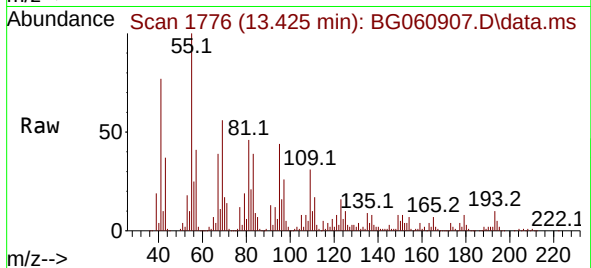
Tgt Ion:172 Resp: 534344
Ion Ratio Lower Upper
172 100
171 37.5 28.7 43.1
170 24.3 19.4 29.0





#46
1,1'-Biphenyl
Concen: 6.066 ng
RT: 13.425 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG060907.D
Acq: 15 Apr 2024 19:12

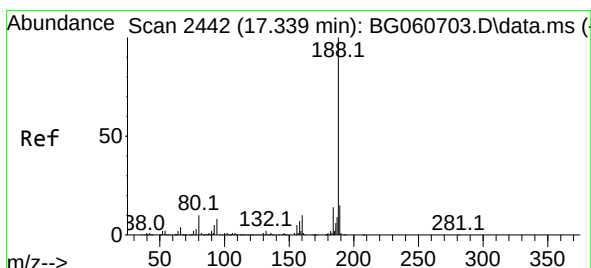
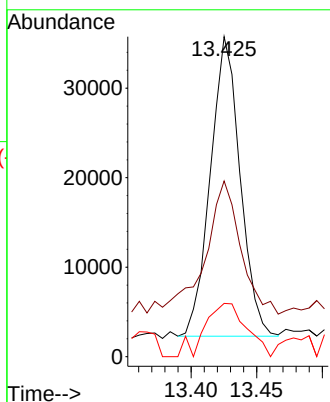
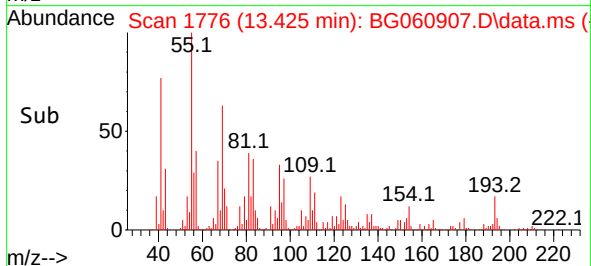
Instrument :
BNA_G
ClientSampleId :
286



Tgt Ion:154 Resp: 52720
Ion Ratio Lower Upper
154 100
153 54.9 20.8 60.8
76 16.7 0.0 33.9

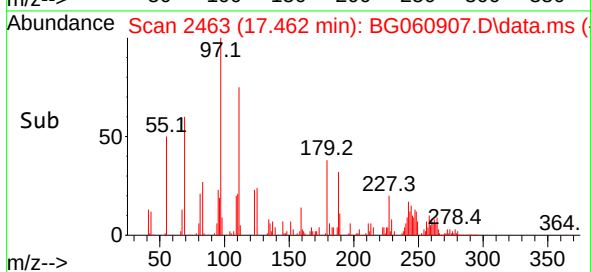
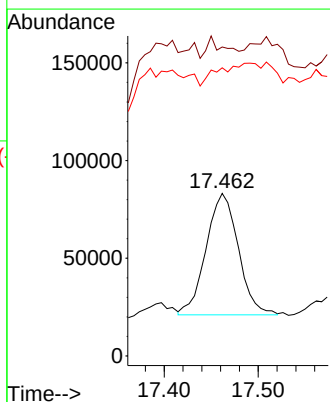
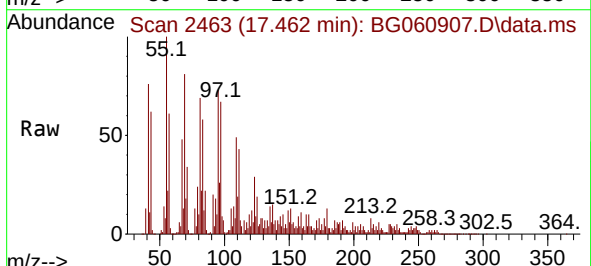
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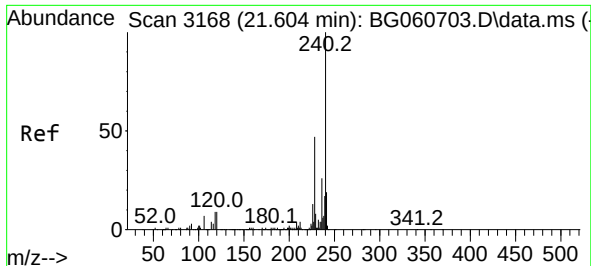
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#64
Phenanthrene-d10
Concen: 20.000 ng m
RT: 17.462 min Scan# 2463
Delta R.T. 0.123 min
Lab File: BG060907.D
Acq: 15 Apr 2024 19:12

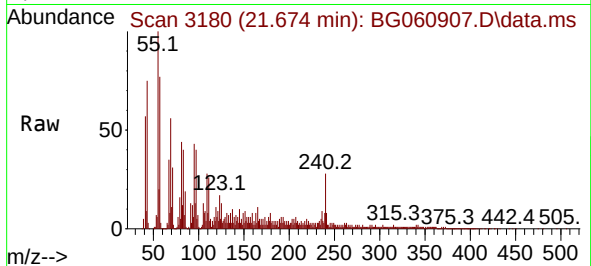
Tgt Ion:188 Resp: 148171
Ion Ratio Lower Upper
188 100
94 190.0 6.6 9.8#
80 177.3 7.6 11.4#





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.674 min Scan# 3168
Delta R.T. 0.070 min
Lab File: BG060907.D
Acq: 15 Apr 2024 19:12

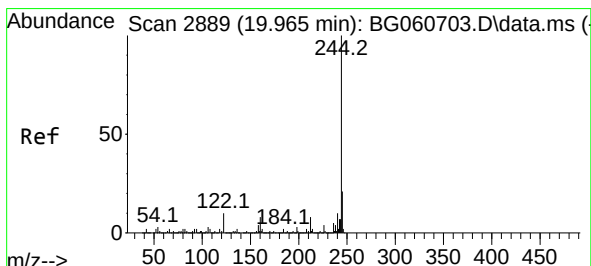
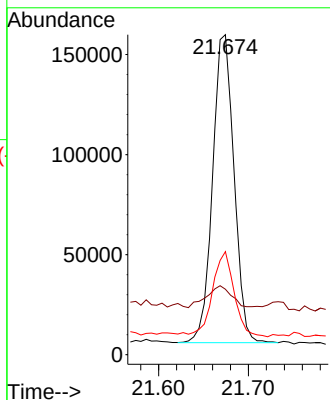
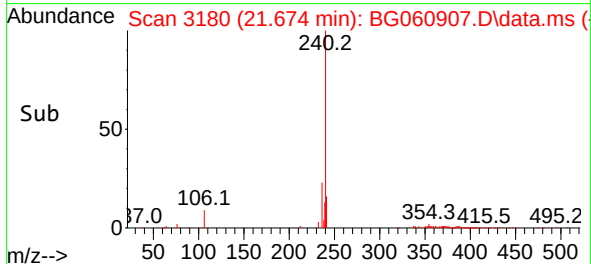
Instrument :
BNA_G
ClientSampleId :
286



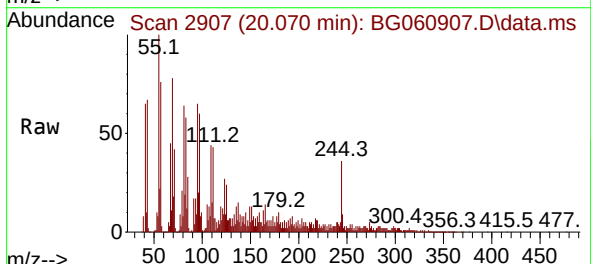
Tgt Ion:240 Resp: 254644
Ion Ratio Lower Upper
240 100
120 20.5 7.1 10.7#
236 32.2 20.7 31.1#

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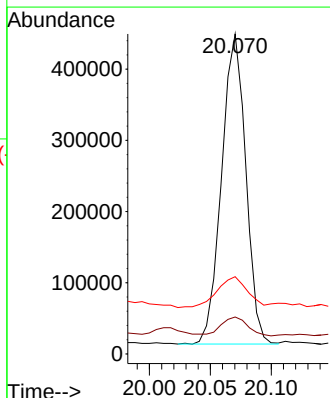
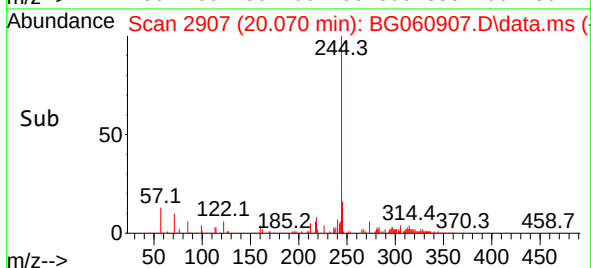
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024

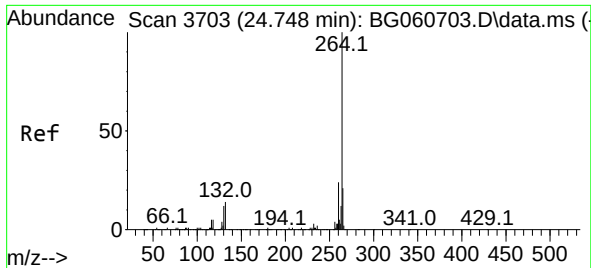


#79
Terphenyl-d14
Concen: 41.586 ng
RT: 20.070 min Scan# 2907
Delta R.T. 0.105 min
Lab File: BG060907.D
Acq: 15 Apr 2024 19:12



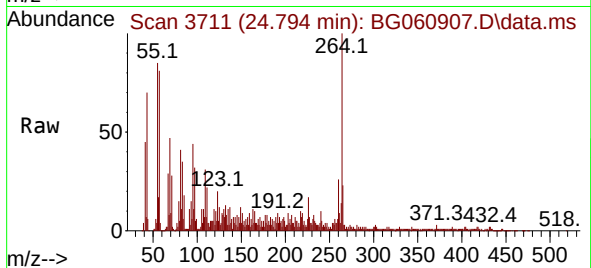
Tgt Ion:244 Resp: 601395
Ion Ratio Lower Upper
244 100
212 11.6 6.2 9.2#
122 24.1 7.8 11.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.794 min Scan# 31
 Delta R.T. 0.047 min
 Lab File: BG060907.D
 Acq: 15 Apr 2024 19:12

Instrument :
 BNA_G
 ClientSampleId :
 286



Tgt Ion:264 Resp: 298139
 Ion Ratio Lower Upper
 264 100
 260 26.5 19.5 29.3
 265 23.4 16.9 25.3

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