

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091824\
 Data File : BM047563.D
 Acq On : 18 Sep 2024 19:45
 Operator : RC/JU
 Sample : P4087-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-614-COMP-03

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/19/2024
 Supervised By :mohammad ahmed 09/20/2024

Quant Time: Sep 19 03:18:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 08:56:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	216666	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	861746	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	440254	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	824165	20.000	ng	0.00
76) Chrysene-d12	21.439	240	722182	20.000	ng	# 0.00
86) Perylene-d12	24.474	264	802909	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1318876	96.920	ng	0.00
7) Phenol-d6	7.010	99	1794518	93.642	ng	0.00
23) Nitrobenzene-d5	9.004	82	1088041	63.188	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	343531	80.728	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	1947475	60.935	ng	0.00
79) Terphenyl-d14	19.833	244	2536798	62.945	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.262	202	152297	3.073	ng	96
78) Pyrene	19.627	202	140333	2.664	ng	98
83) Chrysene	21.486	228	112660m	2.530	ng	
88) Benzo(b)fluoranthene	23.515	252	151105	2.909	ng	# 96

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

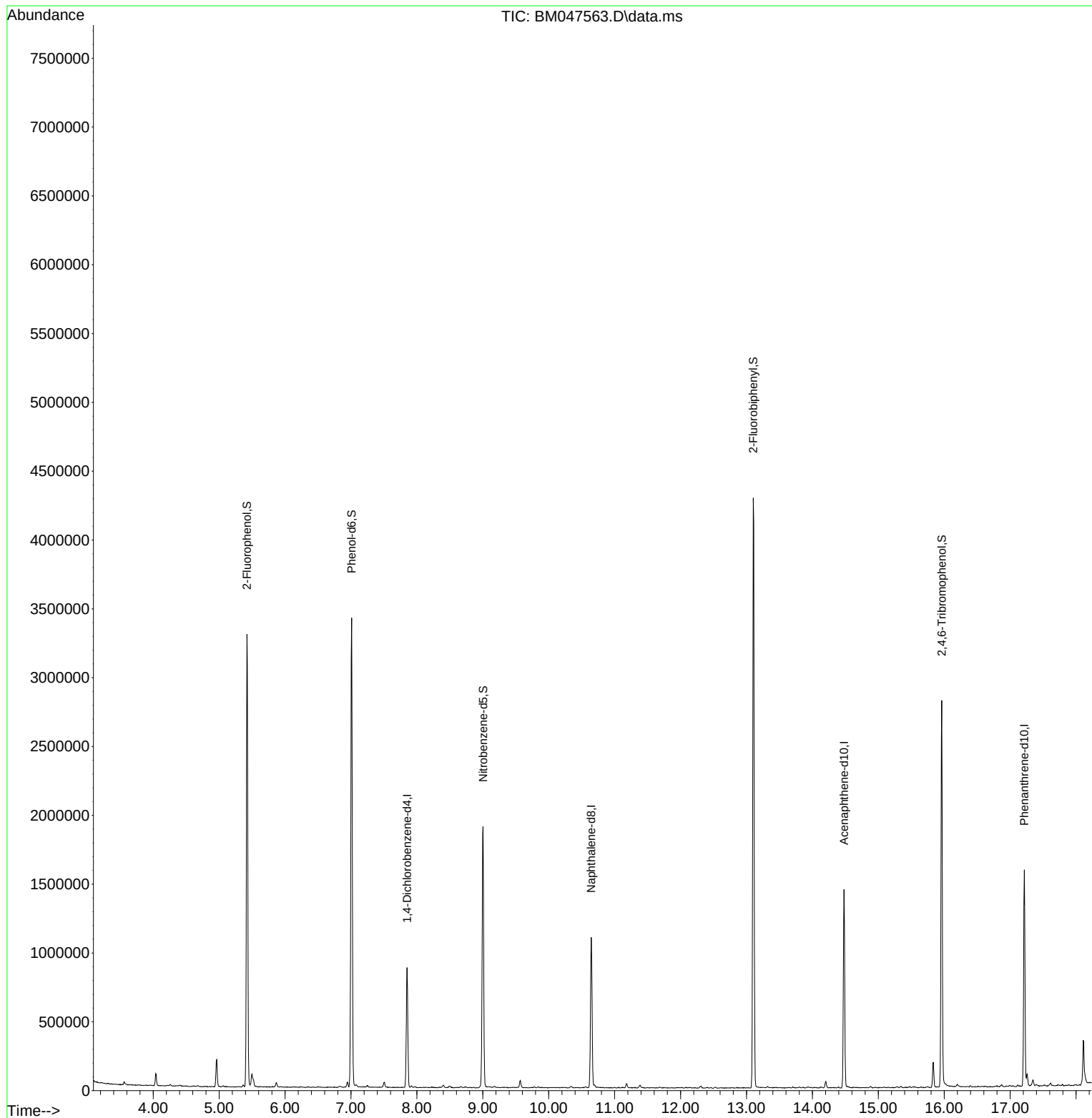
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091824\
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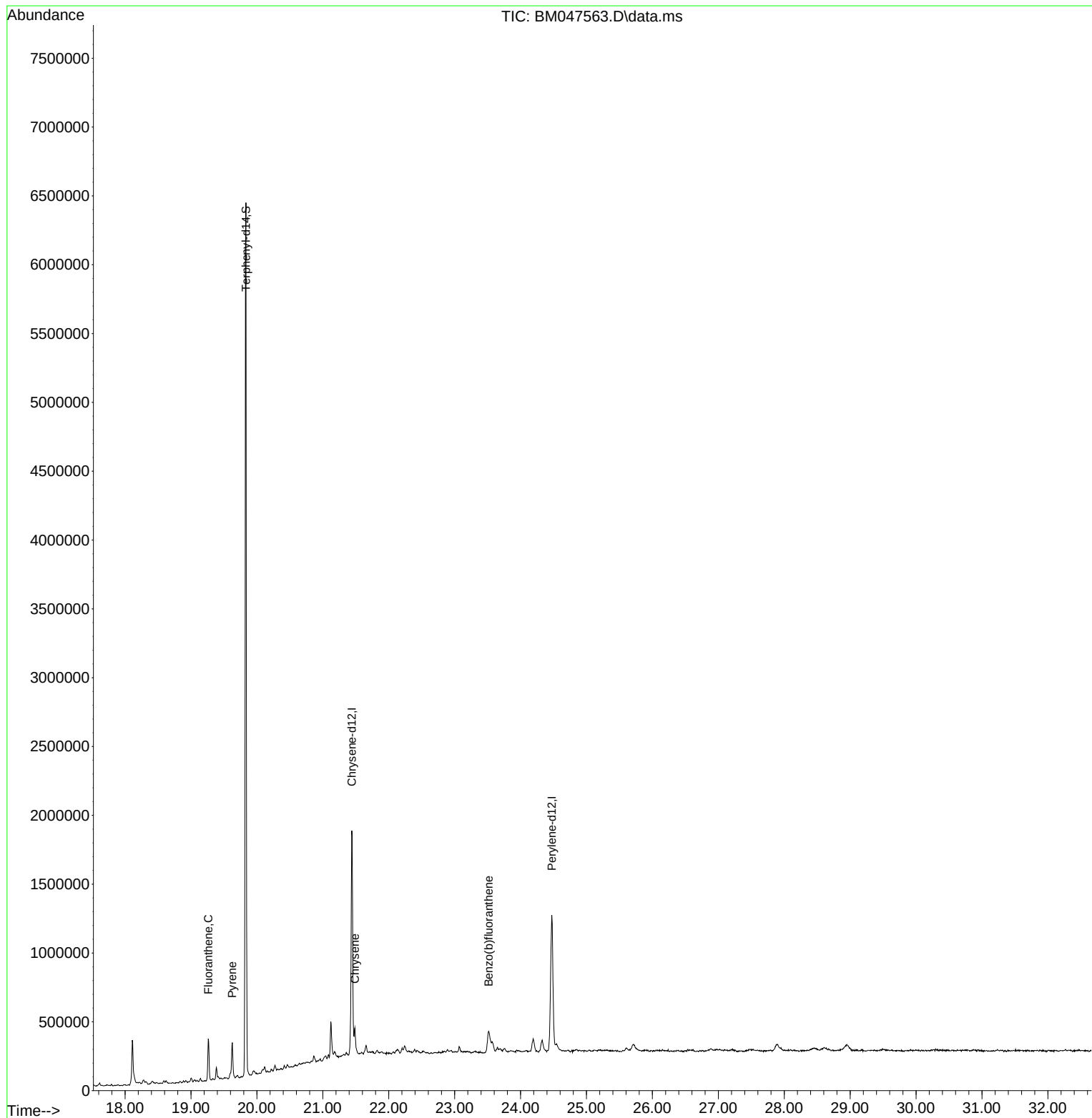
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091824\
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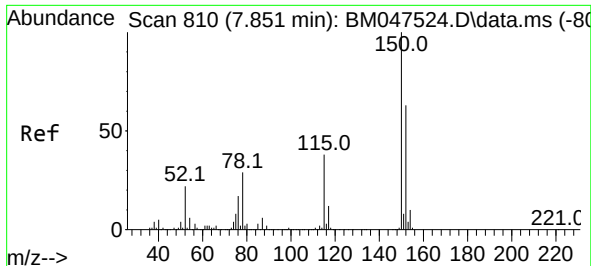
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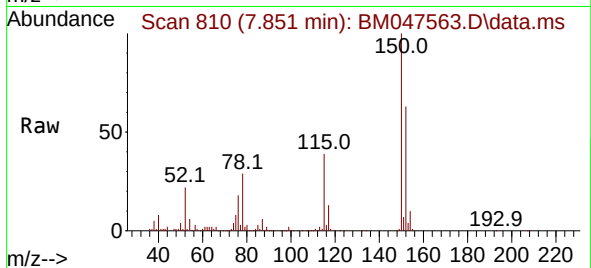
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BM047563.D
Acq: 18 Sep 2024 19:45

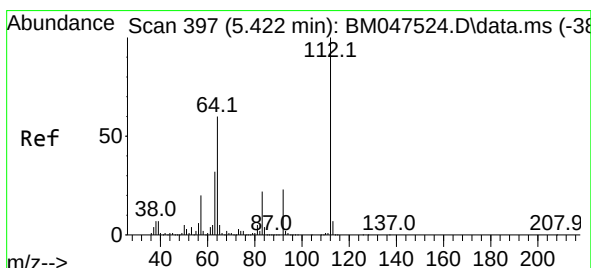
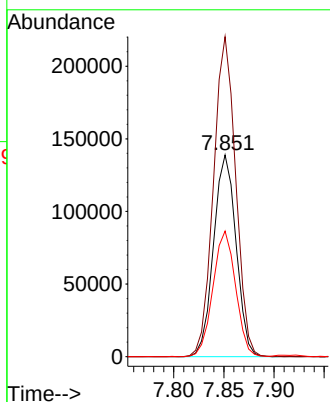
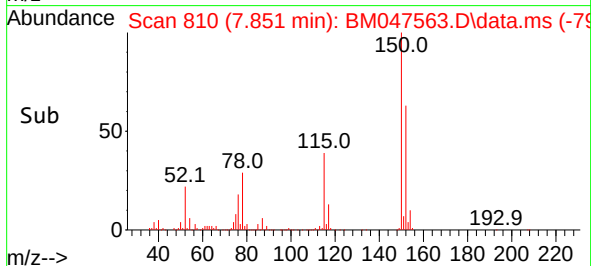
Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-03



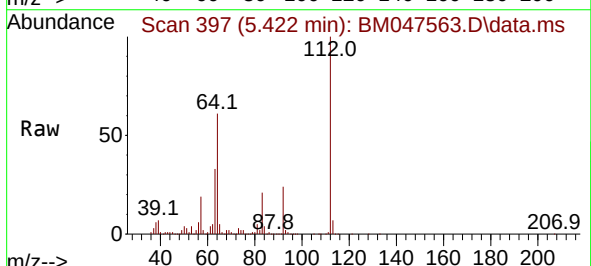
Tgt Ion:152 Resp: 216660
Ion Ratio Lower Upper
152 100
150 158.6 126.8 190.2
115 62.2 47.8 71.8

Manual Integrations
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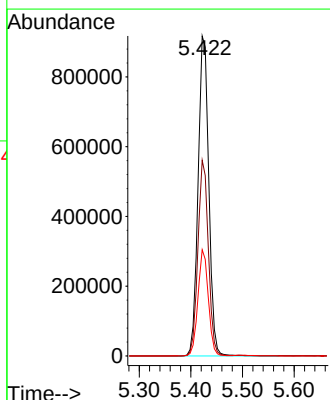
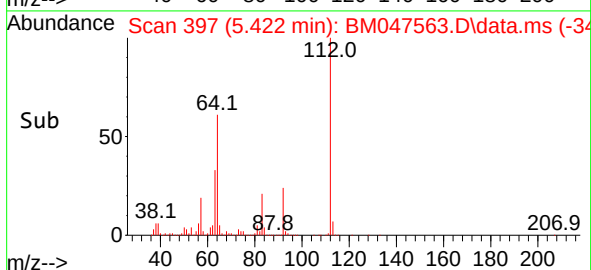
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Supervised By :mohammad ahmed 09/20/2024

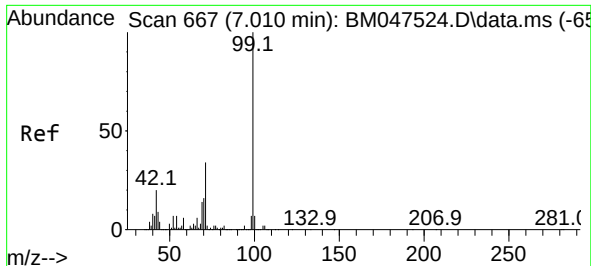


#5
2-Fluorophenol
Concen: 96.920 ng
RT: 5.422 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM047563.D
Acq: 18 Sep 2024 19:45



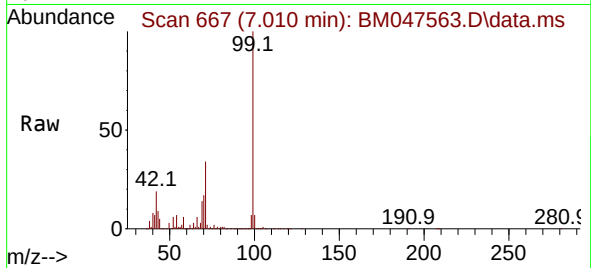
Tgt Ion:112 Resp: 1318876
Ion Ratio Lower Upper
112 100
64 61.2 48.2 72.4
63 33.2 26.0 39.0





#7
Phenol-d6
Concen: 93.642 ng
RT: 7.010 min Scan# 667
Delta R.T. -0.000 min
Lab File: BM047563.D
Acq: 18 Sep 2024 19:45

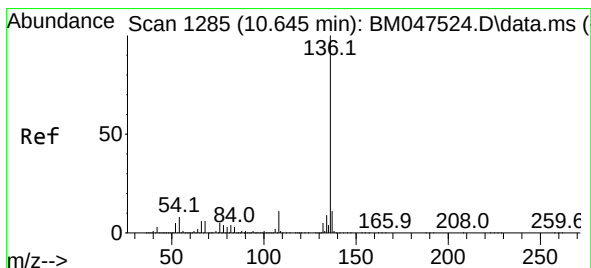
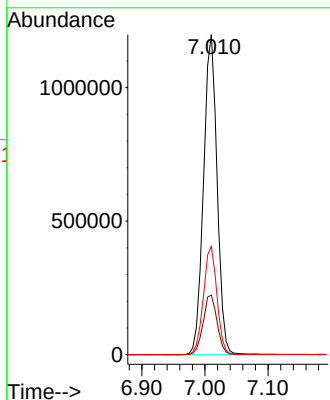
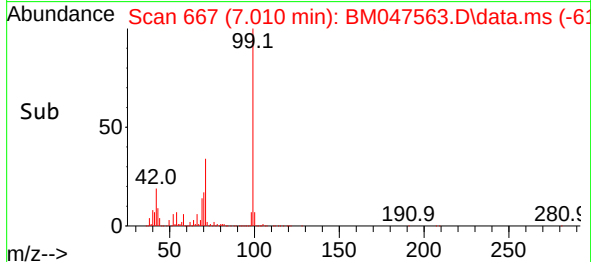
Instrument :
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NB-614-COMP-03



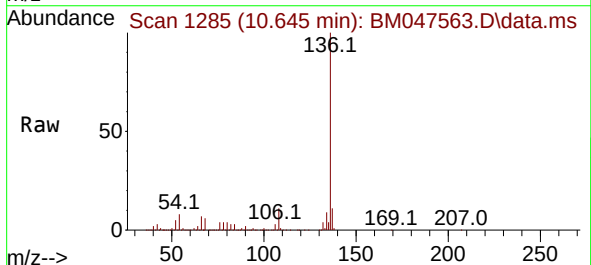
Tgt Ion: 99 Resp: 1794518
Ion Ratio Lower Upper
99 100
42 18.6 15.8 23.8
71 33.9 27.6 41.4

Manual Integrations
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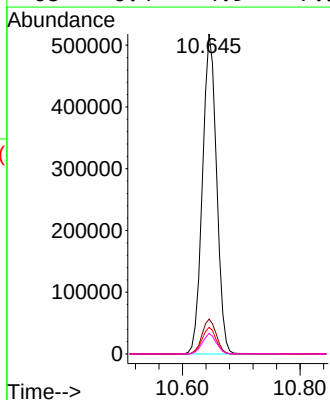
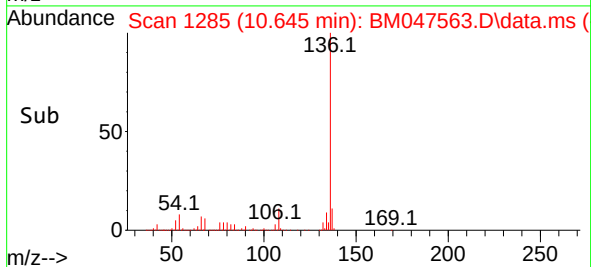
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

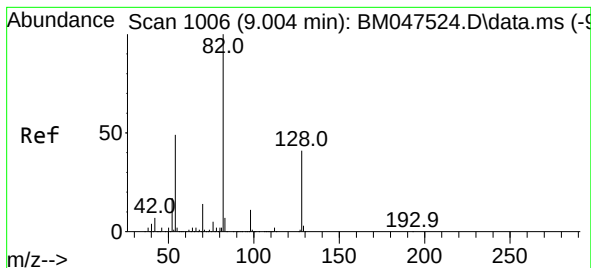


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BM047563.D
Acq: 18 Sep 2024 19:45



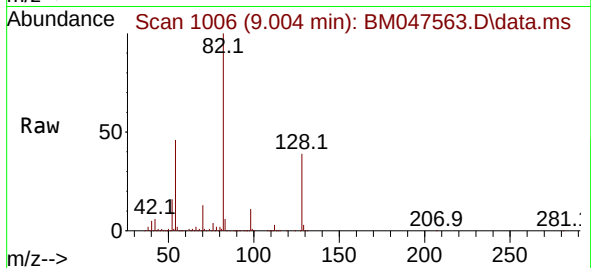
Tgt Ion:136 Resp: 861746
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 8.3 6.6 9.8
68 6.4 4.9 7.3





#23
Nitrobenzene-d5
Concen: 63.188 ng
RT: 9.004 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BM047563.D
Acq: 18 Sep 2024 19:45

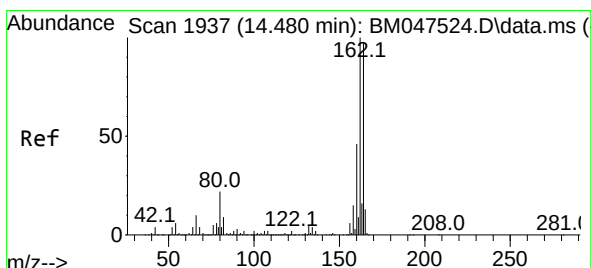
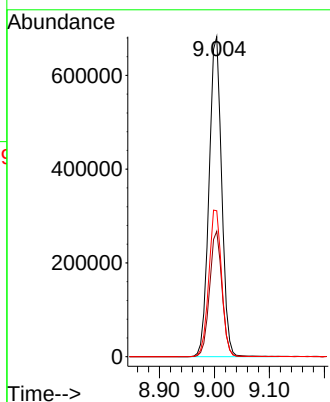
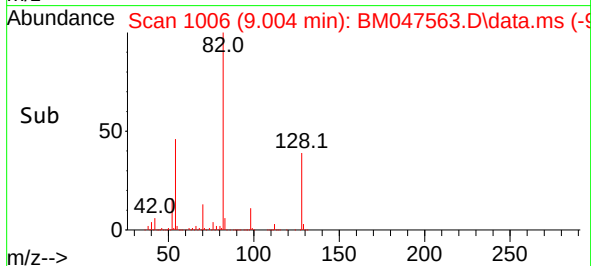
Instrument :
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ClientSampleId :
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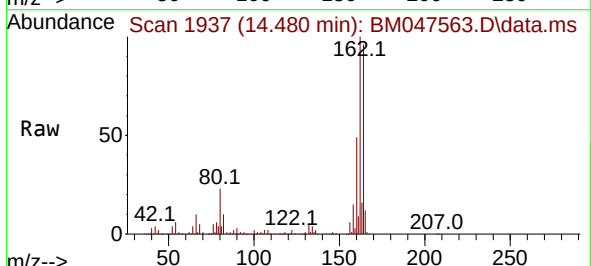
Tgt Ion: 82 Resp: 108804
Ion Ratio Lower Upper
82 100
128 39.2 33.0 49.4
54 45.6 39.3 58.9

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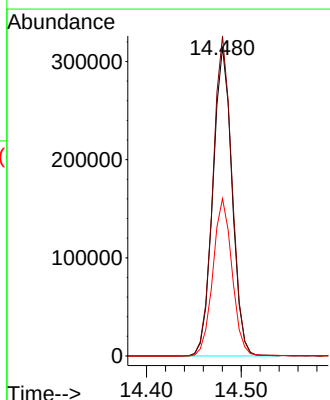
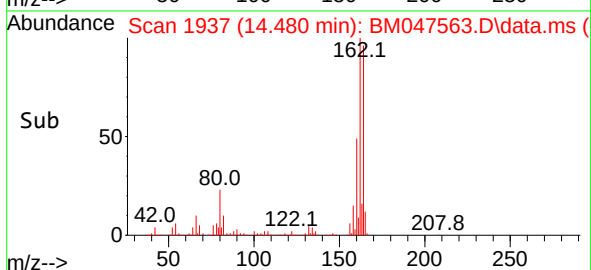
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

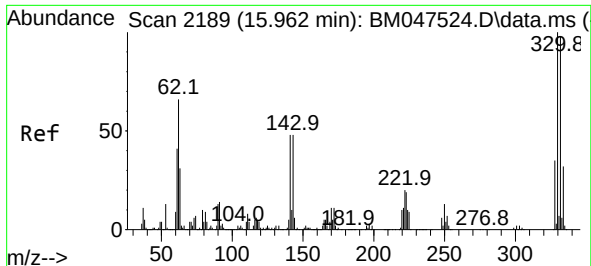


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM047563.D
Acq: 18 Sep 2024 19:45



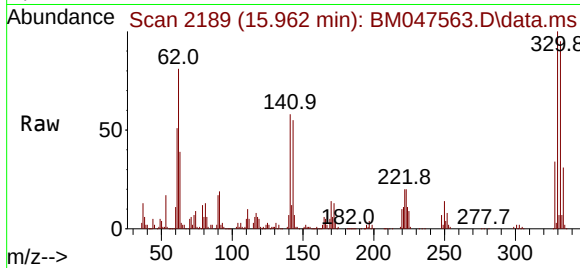
Tgt Ion:164 Resp: 440254
Ion Ratio Lower Upper
164 100
162 103.7 82.2 123.2
160 51.0 38.2 57.2





#42
2,4,6-Tribromophenol
Concen: 80.728 ng
RT: 15.962 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BM047563.D
Acq: 18 Sep 2024 19:45

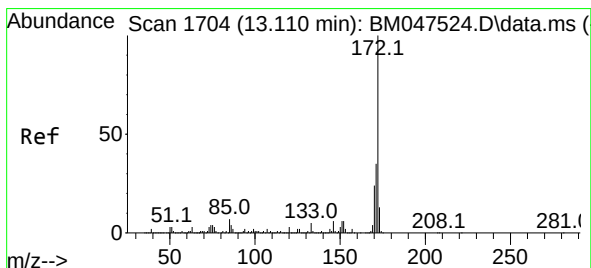
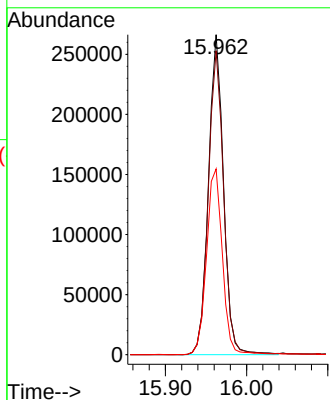
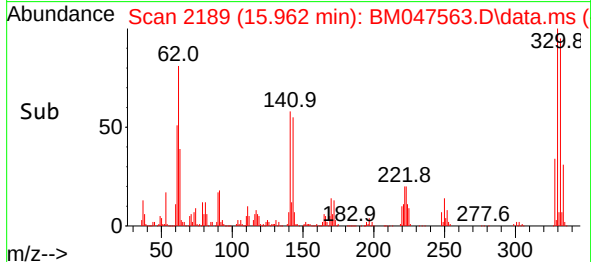
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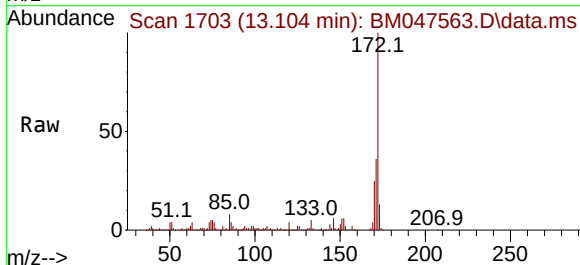
Tgt Ion: 330 Resp: 34353
Ion Ratio Lower Upper
330 100
332 97.0 76.9 115.3
141 61.4 42.2 63.2

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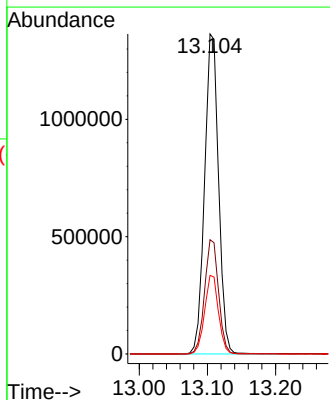
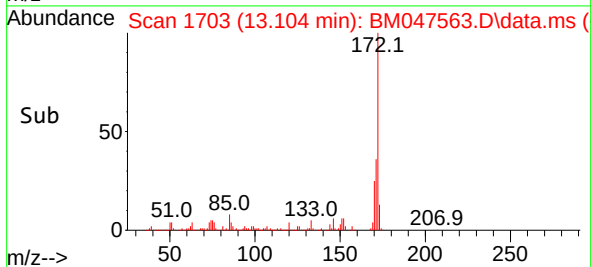
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

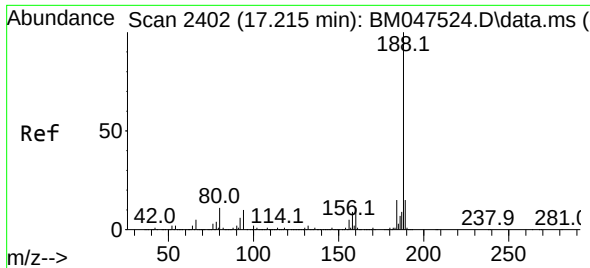


#45
2-Fluorobiphenyl
Concen: 60.935 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM047563.D
Acq: 18 Sep 2024 19:45



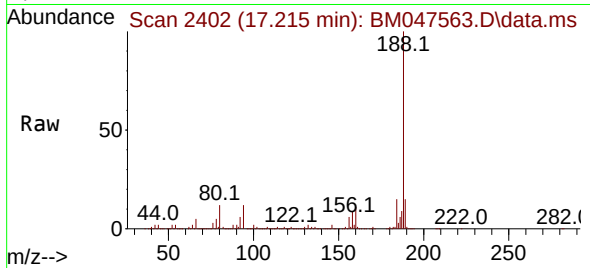
Tgt Ion: 172 Resp: 1947475
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 24.6 19.4 29.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM047563.D
Acq: 18 Sep 2024 19:45

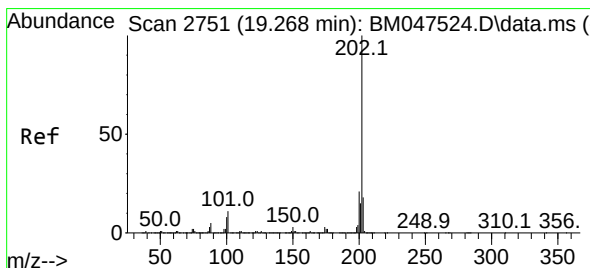
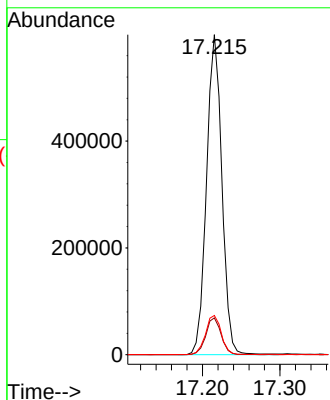
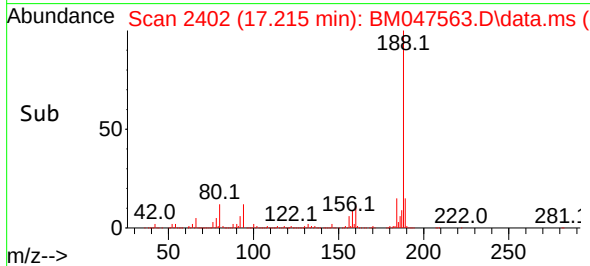
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NB-614-COMP-03



Tgt Ion:188 Resp: 82416
Ion Ratio Lower Upper
188 100
94 11.5 8.4 12.6
80 12.3 9.1 13.7

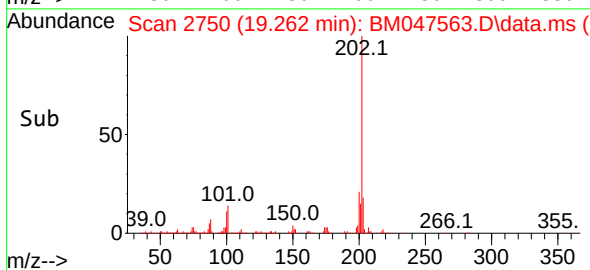
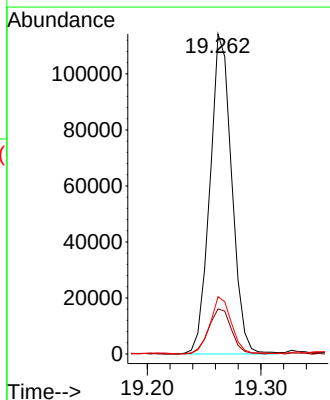
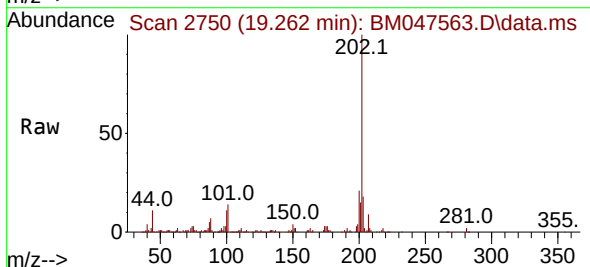
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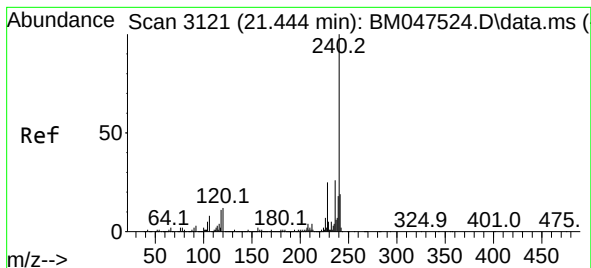
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#75
Fluoranthene
Concen: 3.073 ng
RT: 19.262 min Scan# 2750
Delta R.T. -0.006 min
Lab File: BM047563.D
Acq: 18 Sep 2024 19:45

Tgt Ion:202 Resp: 152297
Ion Ratio Lower Upper
202 100
101 14.1 0.0 30.8
203 17.9 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 3121

Delta R.T. -0.005 min

Lab File: BM047563.D

Acq: 18 Sep 2024 19:45

Instrument :

BNA_M

ClientSampleId :

NB-614-COMP-03

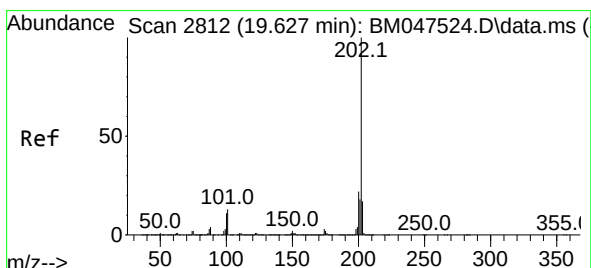
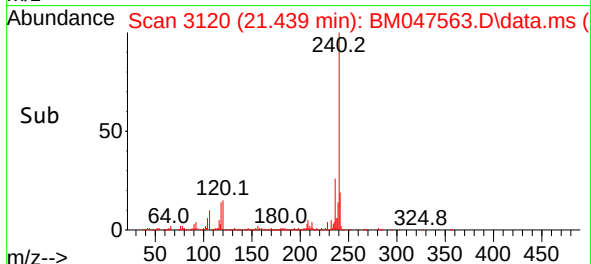
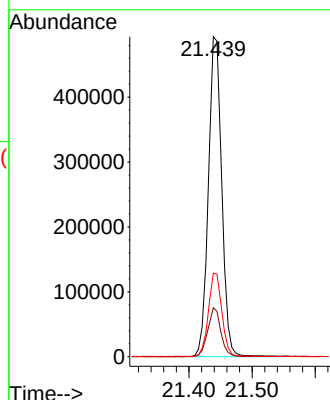
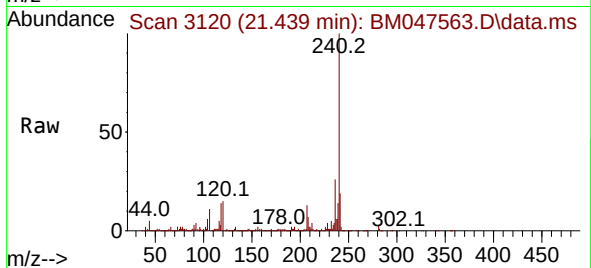
Tgt Ion:240 Resp: 72218
 Ion Ratio Lower Upper
 240 100
 120 15.3 9.6 14.4
 236 26.1 20.9 31.3

Manual Integrations

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Supervised By :mohammad ahmed 09/20/2024



#78

Pyrene

Concen: 2.664 ng

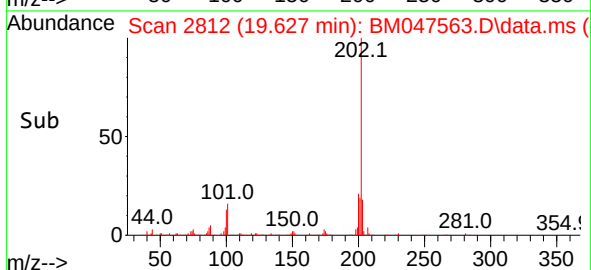
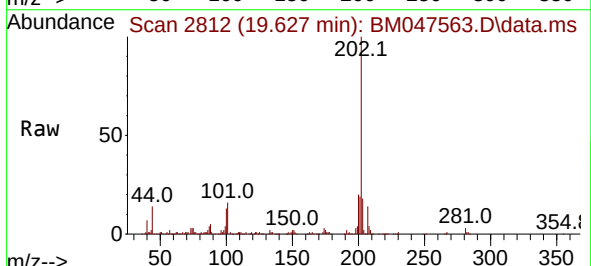
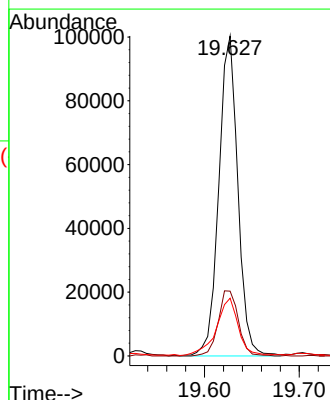
RT: 19.627 min Scan# 2812

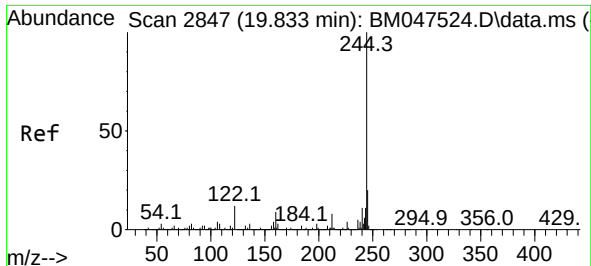
Delta R.T. 0.000 min

Lab File: BM047563.D

Acq: 18 Sep 2024 19:45

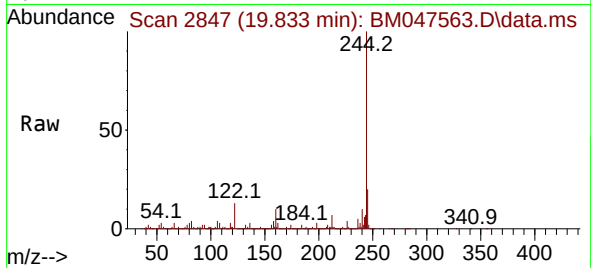
Tgt Ion:202 Resp: 140333
 Ion Ratio Lower Upper
 202 100
 200 20.3 17.2 25.8
 203 18.0 14.0 21.0





#79
 Terphenyl-d14
 Concen: 62.945 ng
 RT: 19.833 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM047563.D
 Acq: 18 Sep 2024 19:45

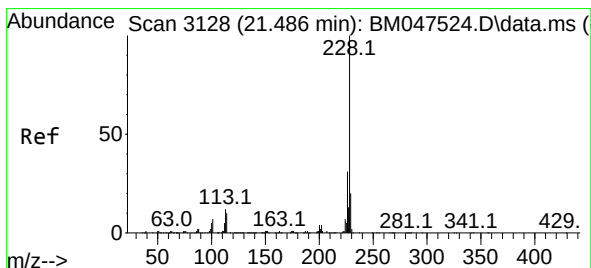
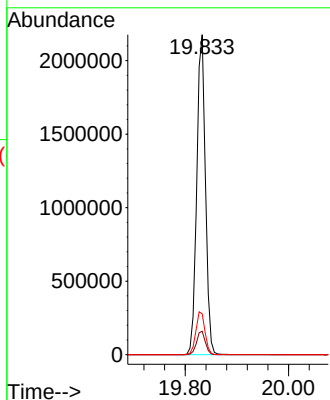
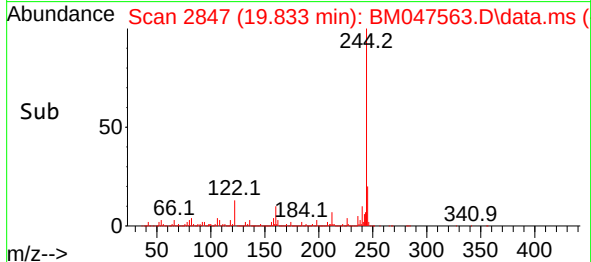
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Tgt Ion:244 Resp: 2536798
 Ion Ratio Lower Upper
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 212 7.3 6.2 9.2
 122 12.8 9.6 14.4

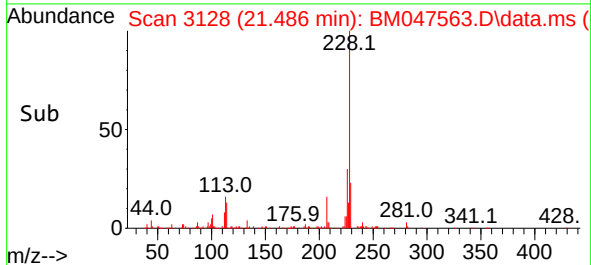
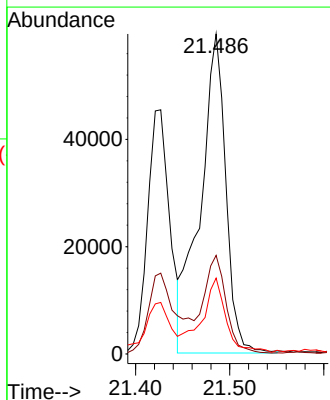
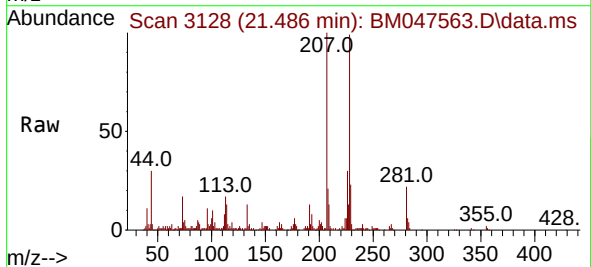
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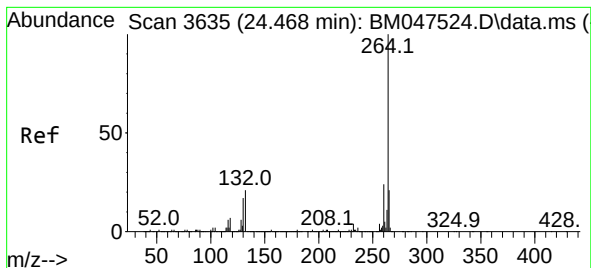
Reviewed By :Yogesh Patel 09/19/2024
 Supervised By :mohammad ahmed 09/20/2024



#83
 Chrysene
 Concen: 2.530 ng m
 RT: 21.486 min Scan# 3128
 Delta R.T. -0.000 min
 Lab File: BM047563.D
 Acq: 18 Sep 2024 19:45

Tgt Ion:228 Resp: 112660
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.6
 229 23.7 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.474 min Scan# 3635

Delta R.T. 0.006 min

Lab File: BM047563.D

Acq: 18 Sep 2024 19:45

Instrument :

BNA_M

ClientSampleId :

NB-614-COMP-03

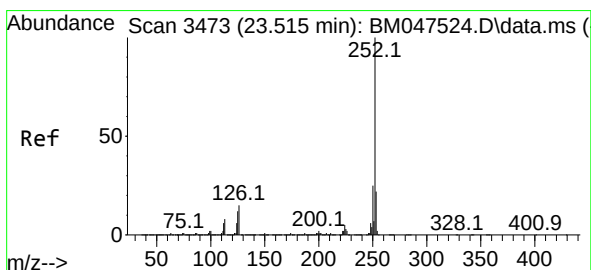
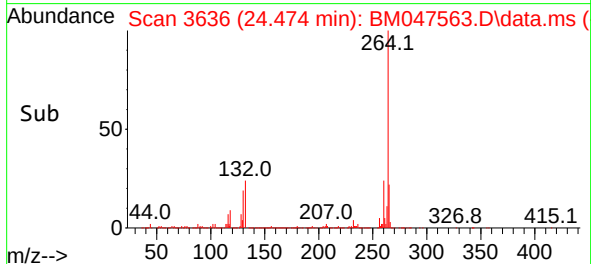
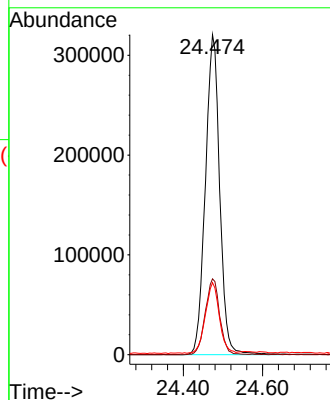
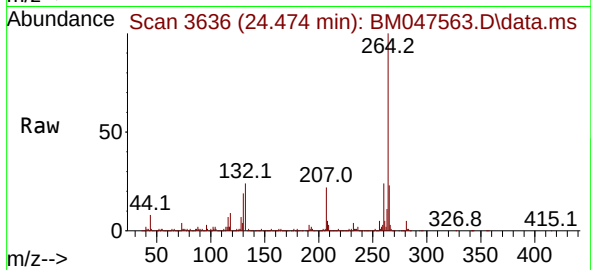
Tgt Ion:264 Resp: 802905
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 22.5 17.4 26.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#88

Benzo(b)fluoranthene

Concen: 2.909 ng

RT: 23.515 min Scan# 3473

Delta R.T. 0.000 min

Lab File: BM047563.D

Acq: 18 Sep 2024 19:45

Tgt Ion:252 Resp: 151105
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.8 26.8
 125 15.9 9.5 14.3#

