

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021624\
 Data File : BN029842.D
 Acq On : 17 Feb 2024 00:25
 Operator : MA/JU
 Sample : PB158918BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB158918BL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/17/2024

Quant Time: Feb 17 00:53:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 23:52:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	3925	0.400	ng	0.00
7) Naphthalene-d8	10.669	136	9930	0.400	ng	0.00
13) Acenaphthene-d10	14.511	164	4400	0.400	ng	0.00
19) Phenanthrene-d10	17.280	188	8850	0.400	ng	0.02
29) Chrysene-d12	21.474	240	7147	0.400	ng	# 0.00
35) Perylene-d12	23.847	264	6189	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	4058	0.430	ng	0.00
5) Phenol-d6	7.046	99	3984	0.366	ng	0.00
8) Nitrobenzene-d5	9.036	82	3377	0.408	ng	0.00
11) 2-Methylnaphthalene-d10	12.265	152	4905	0.363	ng	0.00
14) 2,4,6-Tribromophenol	16.027	330	597m	0.423	ng	0.02
15) 2-Fluorobiphenyl	13.143	172	7612m	0.403	ng	0.01
27) Fluoranthene-d10	19.308	212	9232	0.431	ng	0.00
31) Terphenyl-d14	19.912	244	7398	0.417	ng	0.00

Target Compounds Qvalue

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

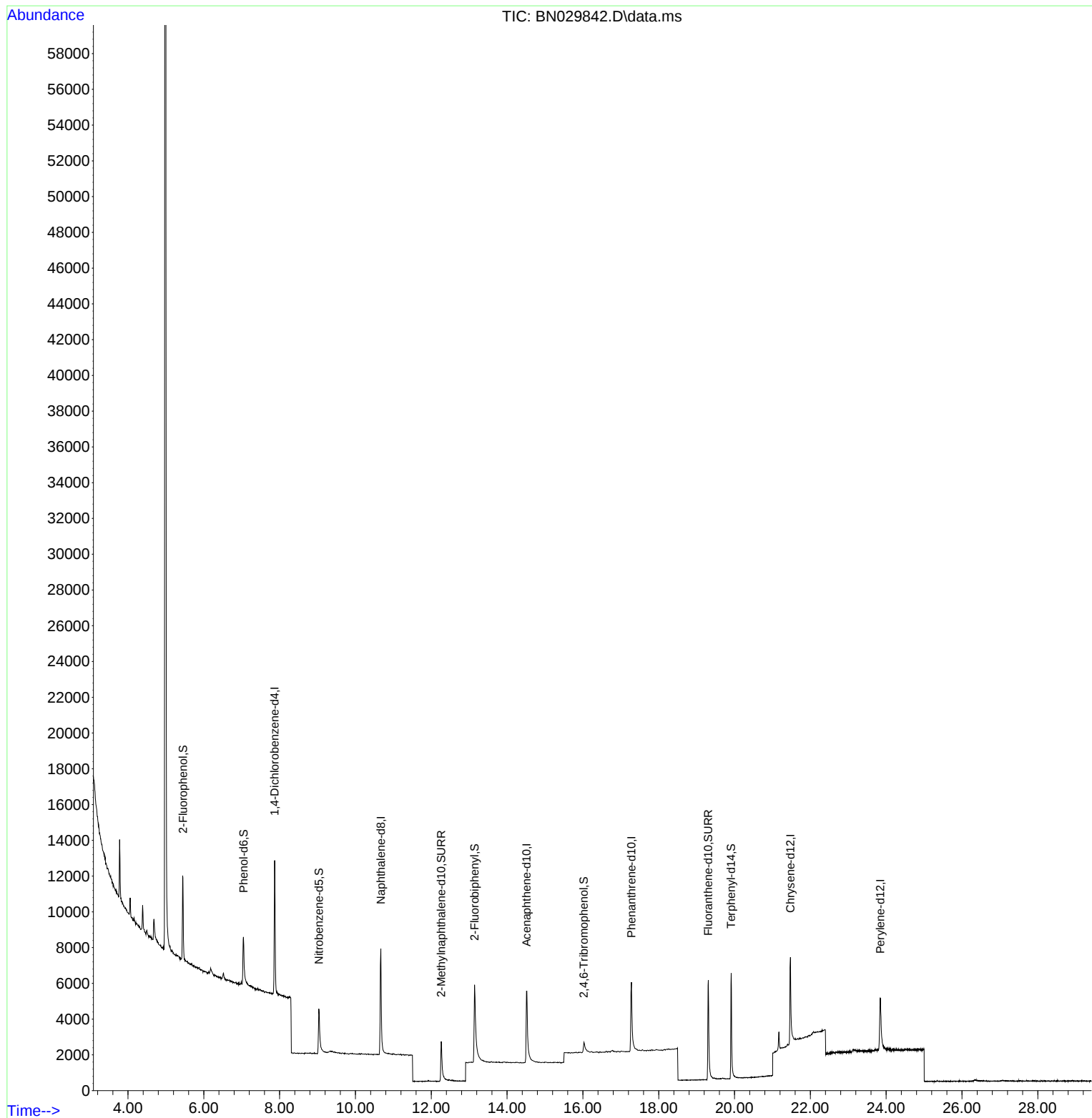
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021624\
Data File : BN029842.D
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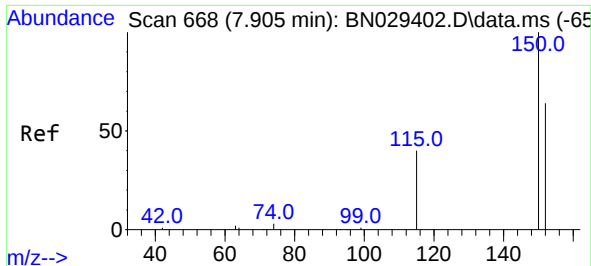
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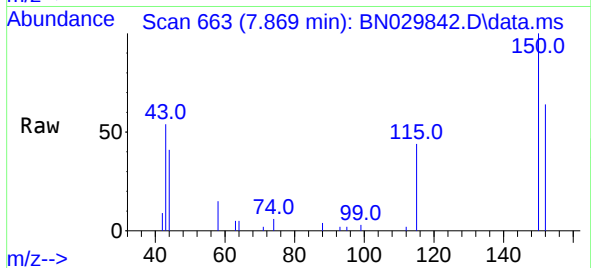
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.869 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN029842.D
Acq: 17 Feb 2024 00:25

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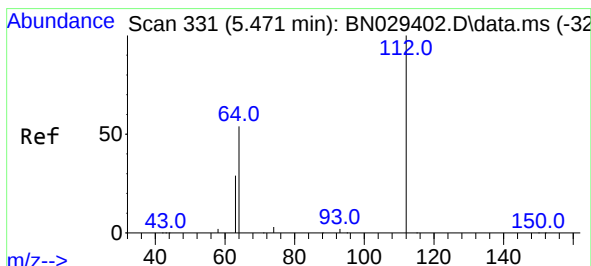
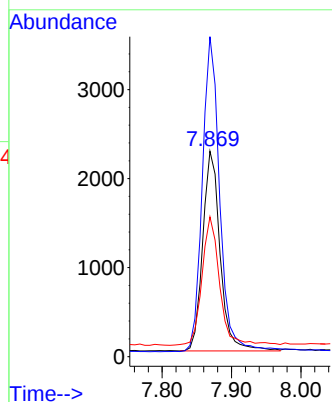
Tgt Ion:152 Resp: 392
Ion Ratio Lower Upper
152 100
150 155.7 123.0 184.4
115 68.0 51.4 77.0

Manual Integrations

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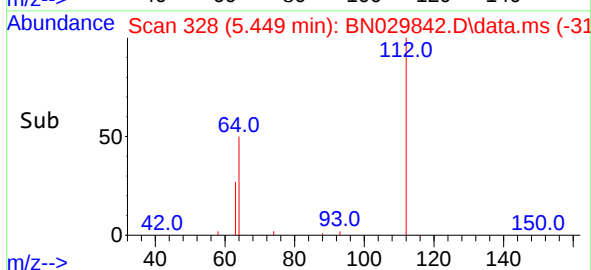
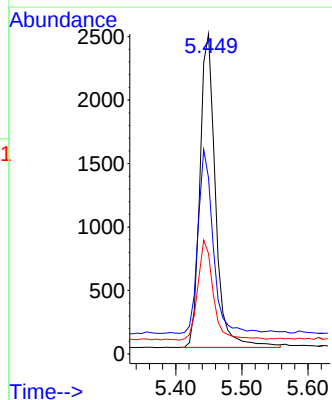
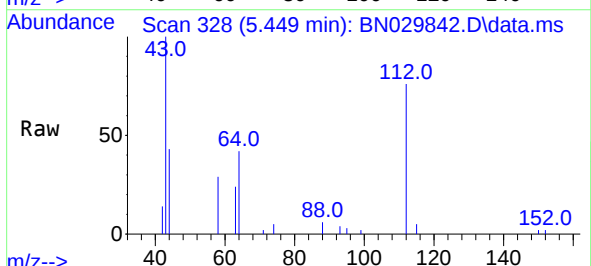
Reviewed By :Yogesh Patel 02/17/2024

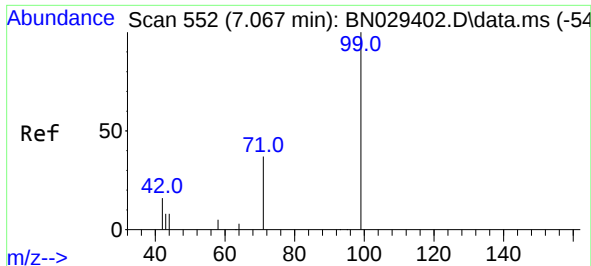
Supervised By :mohammad ahmed 02/17/2024



#4
2-Fluorophenol
Concen: 0.430 ng
RT: 5.449 min Scan# 328
Delta R.T. 0.007 min
Lab File: BN029842.D
Acq: 17 Feb 2024 00:25

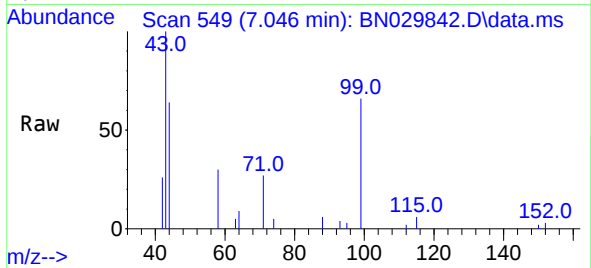
Tgt Ion:112 Resp: 4058
Ion Ratio Lower Upper
112 100
64 56.8 47.2 70.8
63 31.8 25.8 38.6





#5
Phenol-d6
Concen: 0.366 ng
RT: 7.046 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN029842.D
Acq: 17 Feb 2024 00:25

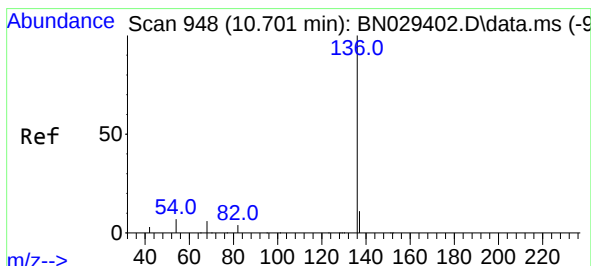
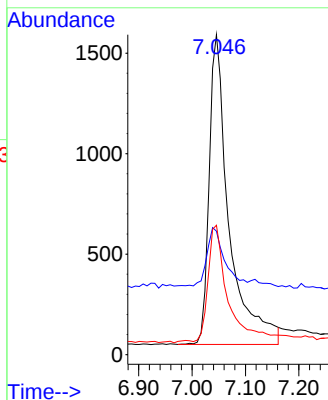
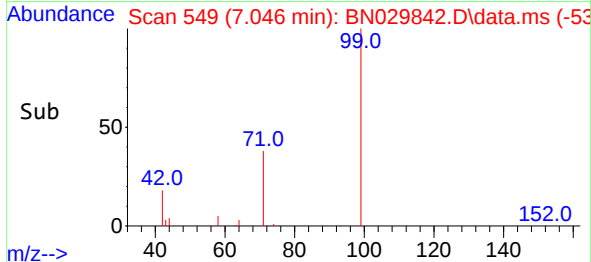
Instrument :
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ClientSampleId :
PB158918BL



Tgt Ion: 99 Resp: 3984
Ion Ratio Lower Upper
99 100
42 16.2 16.9 25.3
71 37.4 30.0 45.0

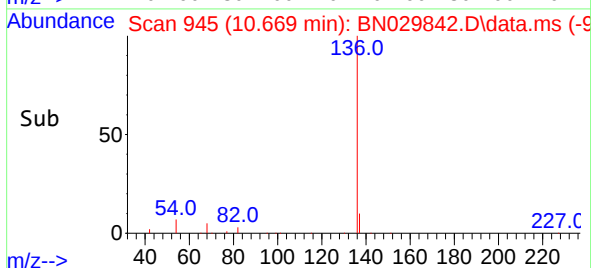
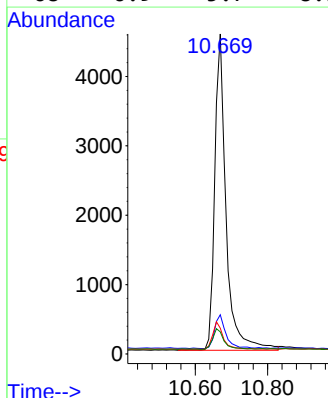
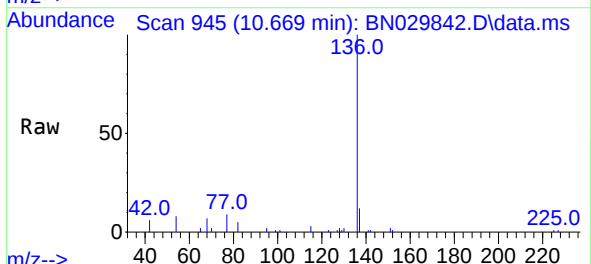
Manual Integrations
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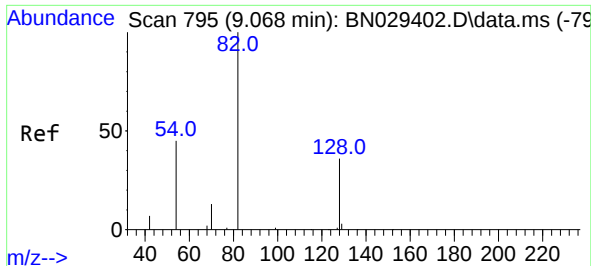
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.669 min Scan# 945
Delta R.T. 0.000 min
Lab File: BN029842.D
Acq: 17 Feb 2024 00:25

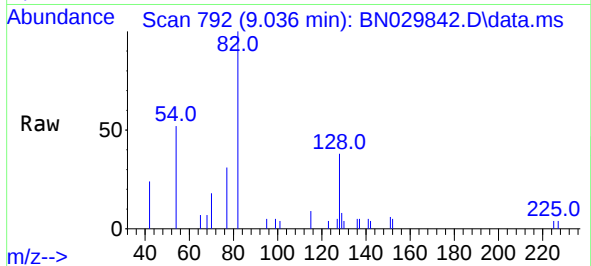
Tgt Ion:136 Resp: 9930
Ion Ratio Lower Upper
136 100
137 12.2 9.7 14.5
54 8.1 6.6 10.0
68 6.9 5.7 8.5





#8
Nitrobenzene-d5
Concen: 0.408 ng
RT: 9.036 min Scan# 795
Delta R.T. 0.000 min
Lab File: BN029842.D
Acq: 17 Feb 2024 00:25

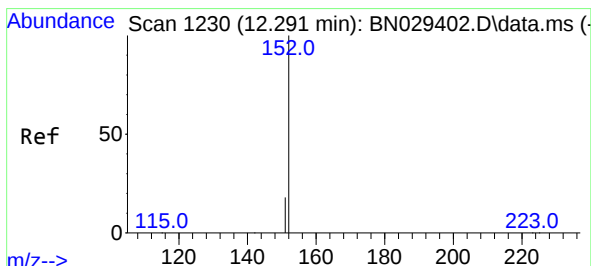
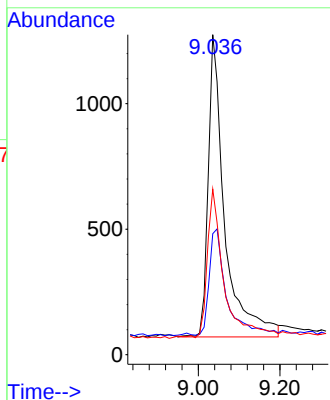
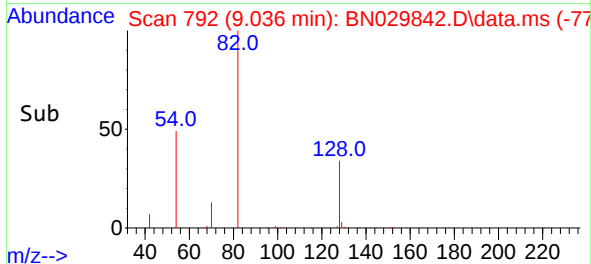
Instrument :
BNA_N
ClientSampleId :
PB158918BL



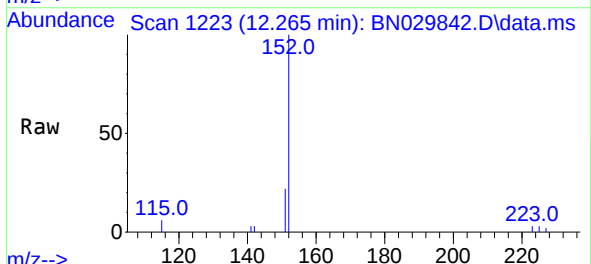
Tgt Ion: 82 Resp: 337
Ion Ratio Lower Upper
82 100
128 37.8 31.6 47.4
54 51.8 38.2 57.4

Manual Integrations
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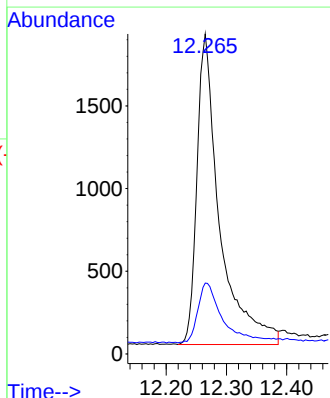
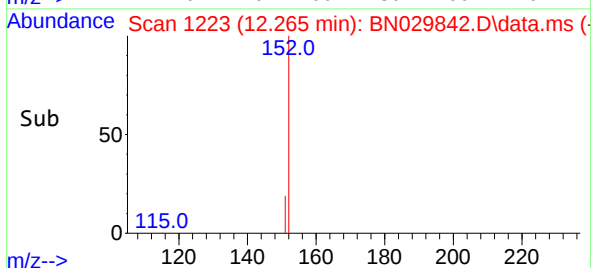
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024

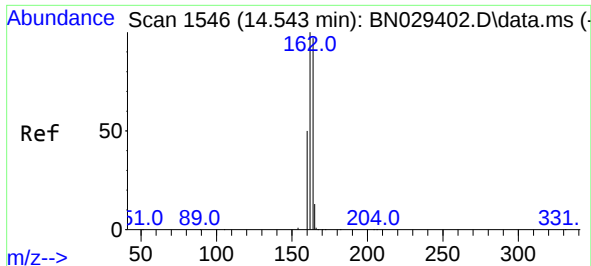


#11
2-Methylnaphthalene-d10
Concen: 0.363 ng
RT: 12.265 min Scan# 1223
Delta R.T. 0.008 min
Lab File: BN029842.D
Acq: 17 Feb 2024 00:25



Tgt Ion:152 Resp: 4905
Ion Ratio Lower Upper
152 100
151 20.7 17.1 25.7





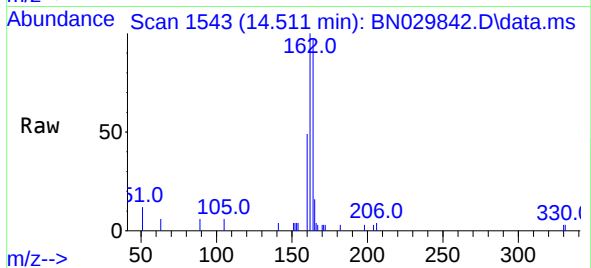
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.511 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029842.D
Acq: 17 Feb 2024 00:25

Instrument :

BNA_N

ClientSampleId :

PB158918BL



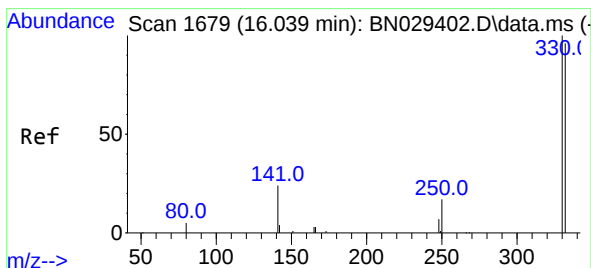
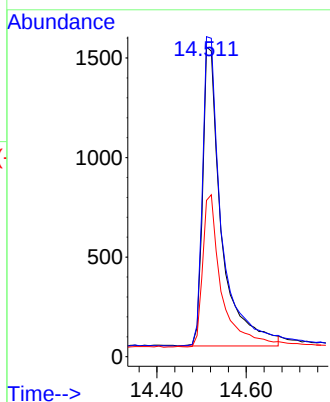
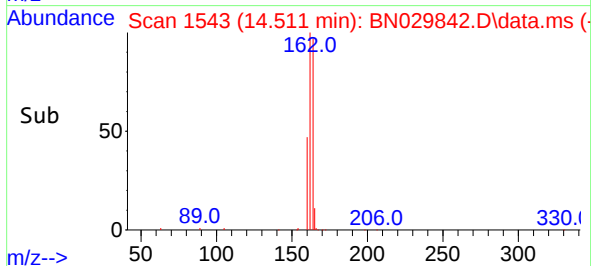
Tgt Ion:164 Resp: 4400
Ion Ratio Lower Upper
164 100
162 103.3 82.6 123.8
160 50.4 41.5 62.3

Manual Integrations

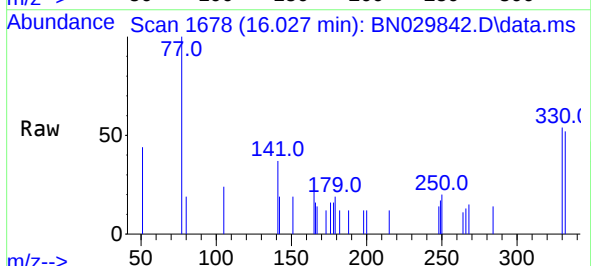
APPROVED

Reviewed By :Yogesh Patel 02/17/2024

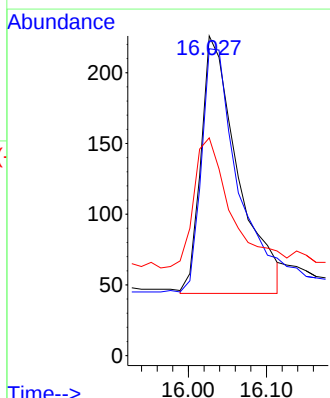
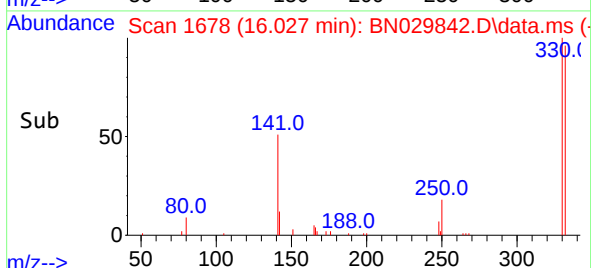
Supervised By :mohammad ahmed 02/17/2024

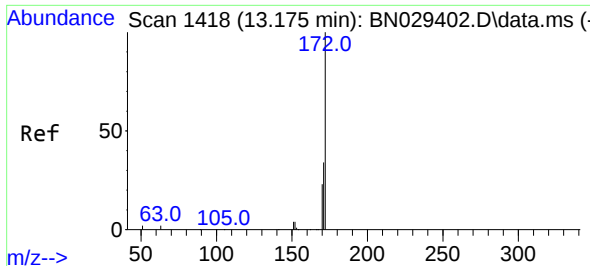


#14
2,4,6-Tribromophenol
Concen: 0.423 ng m
RT: 16.027 min Scan# 1678
Delta R.T. 0.025 min
Lab File: BN029842.D
Acq: 17 Feb 2024 00:25



Tgt Ion:330 Resp: 597
Ion Ratio Lower Upper
330 100
332 90.8 76.0 114.0
141 49.4 43.4 65.2





#15
2-Fluorobiphenyl
Concen: 0.403 ng m
RT: 13.143 min Scan# 1418
Delta R.T. 0.011 min
Lab File: BN029842.D
Acq: 17 Feb 2024 00:25

Instrument :

BNA_N

ClientSampleId :

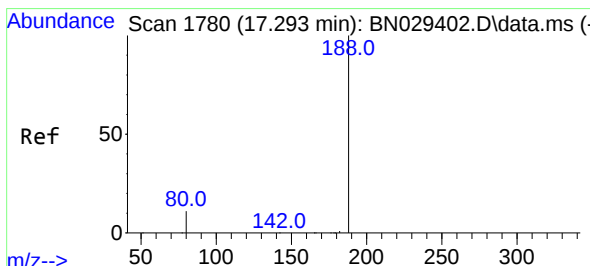
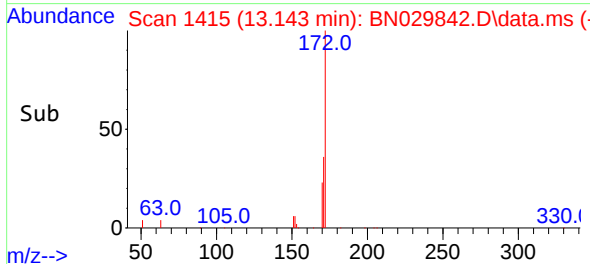
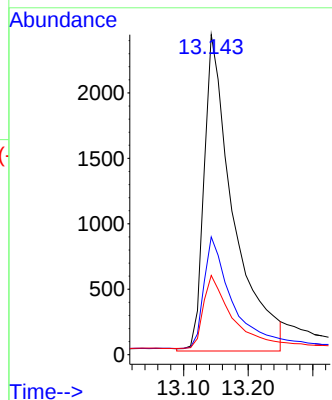
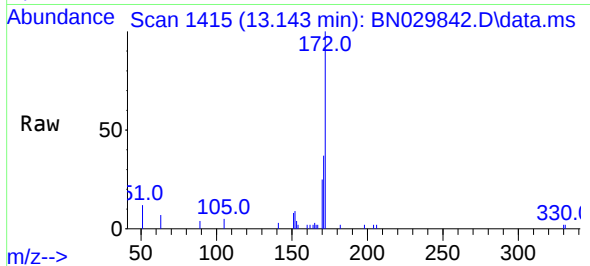
PB158918BL

Tgt Ion:172 Resp: 7612
Ion Ratio Lower Upper
172 100
171 36.8 28.0 42.0
170 24.8 18.7 28.1

Manual Integrations

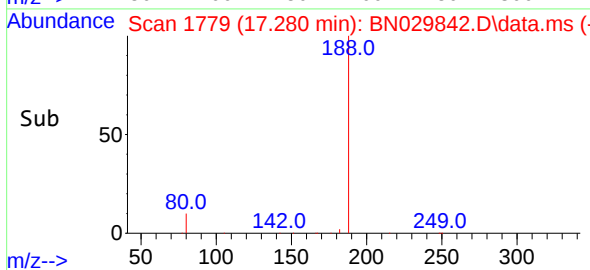
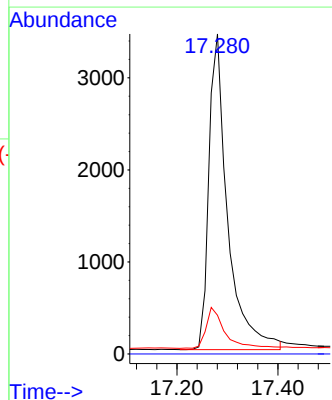
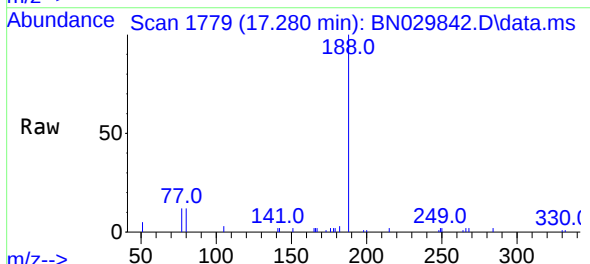
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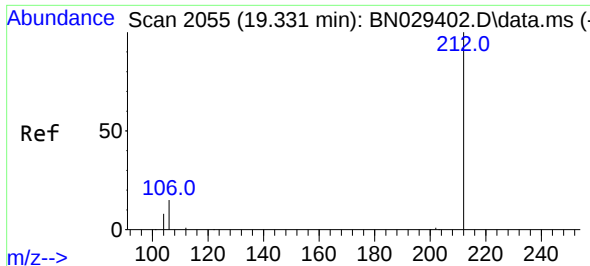
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.280 min Scan# 1779
Delta R.T. 0.025 min
Lab File: BN029842.D
Acq: 17 Feb 2024 00:25

Tgt Ion:188 Resp: 8850
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.1 10.0 15.0





#27
Fluoranthene-d10
Concen: 0.431 ng
RT: 19.308 min Scan# 2050
Delta R.T. 0.009 min
Lab File: BN029842.D
Acq: 17 Feb 2024 00:25

Instrument :

BNA_N

ClientSampleId :

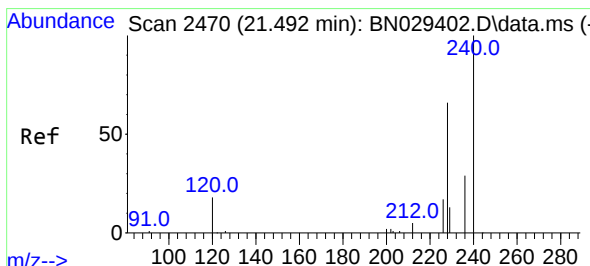
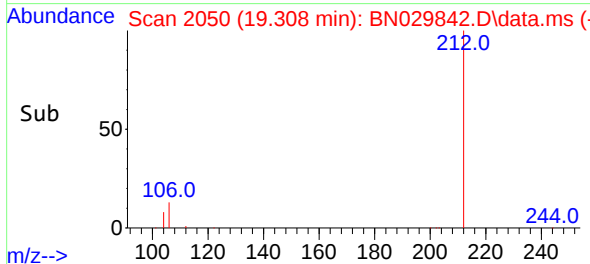
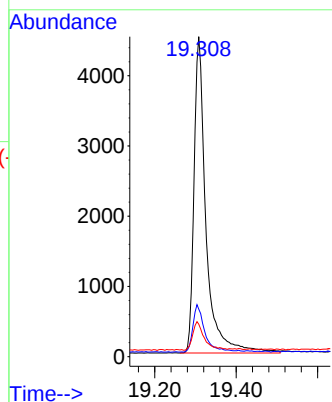
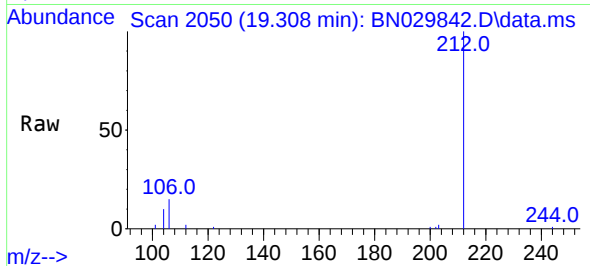
PB158918BL

Tgt Ion:212 Resp: 923
Ion Ratio Lower Upper
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104 8.8 7.7 11.5

Manual Integrations

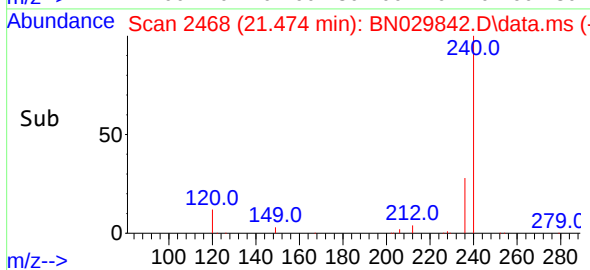
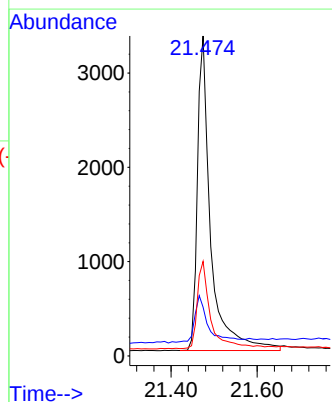
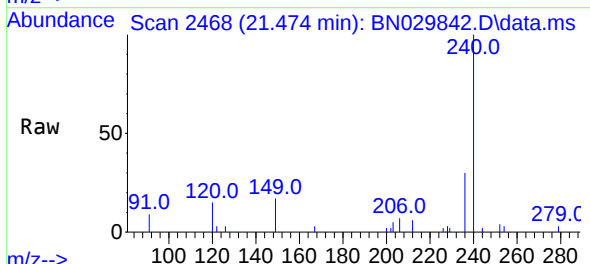
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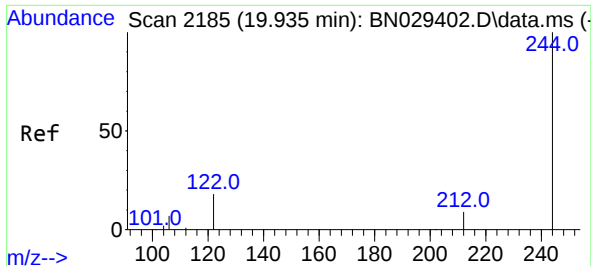
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.474 min Scan# 2468
Delta R.T. 0.009 min
Lab File: BN029842.D
Acq: 17 Feb 2024 00:25

Tgt Ion:240 Resp: 7147
Ion Ratio Lower Upper
240 100
120 15.3 16.7 25.1#
236 29.5 23.9 35.9





#31
Terphenyl-d14
Concen: 0.417 ng
RT: 19.912 min Scan# 2185
Delta R.T. 0.005 min
Lab File: BN029842.D
Acq: 17 Feb 2024 00:25

Instrument :

BNA_N

ClientSampleId :

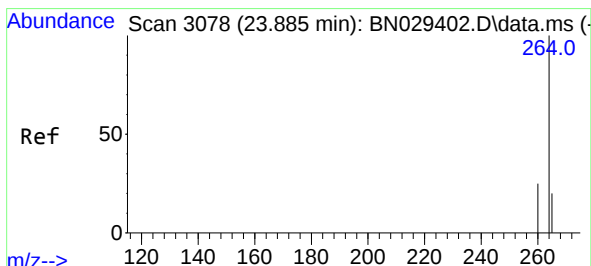
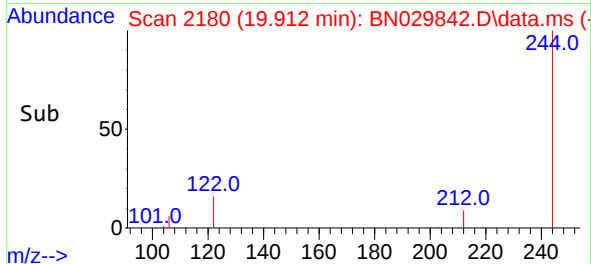
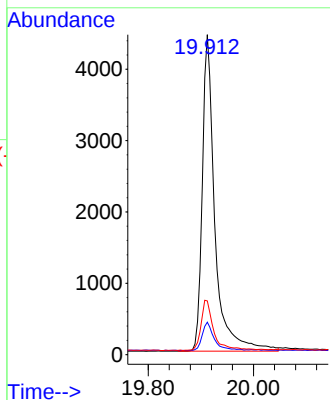
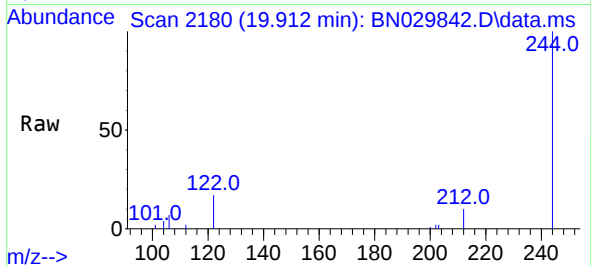
PB158918BL

Tgt Ion:244 Resp: 7398
Ion Ratio Lower Upper
244 100
212 10.1 8.2 12.4
122 16.8 15.6 23.4

Manual Integrations

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Supervised By :mohammad ahmed 02/17/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.847 min Scan# 3065
Delta R.T. 0.015 min
Lab File: BN029842.D
Acq: 17 Feb 2024 00:25

Tgt Ion:264 Resp: 6189
Ion Ratio Lower Upper
264 100
260 28.7 21.2 31.8
265 77.4 41.5 62.3

