

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031424\
 Data File : BN030393.D
 Acq On : 14 Mar 2024 12:20
 Operator : MA/JU
 Sample : PB159518BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB159518BL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
 Supervised By :mohammad ahmed 03/16/2024

Quant Time: Mar 14 12:52:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 11:36:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.645	152	1795	0.400	ng	0.00
7) Naphthalene-d8	10.423	136	3876	0.400	ng	# 0.00
13) Acenaphthene-d10	14.297	164	2349	0.400	ng	0.01
19) Phenanthrene-d10	17.057	188	4511	0.400	ng	0.01
29) Chrysene-d12	21.259	240	4381	0.400	ng	# 0.00
35) Perylene-d12	23.490	264	5281	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.254	112	1433	0.307	ng	0.00
5) Phenol-d6	6.829	99	1077	0.236	ng	0.01
8) Nitrobenzene-d5	8.822	82	961	0.270	ng	0.02
11) 2-Methylnaphthalene-d10	12.038	152	1888	0.314	ng	0.02
14) 2,4,6-Tribromophenol	15.816	330	290	0.212	ng	0.02
15) 2-Fluorobiphenyl	12.918	172	3528m	0.373	ng	0.01
27) Fluoranthene-d10	19.090	212	4245	0.324	ng	0.00
31) Terphenyl-d14	19.698	244	3351	0.337	ng	0.00

Target Compounds Qvalue

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

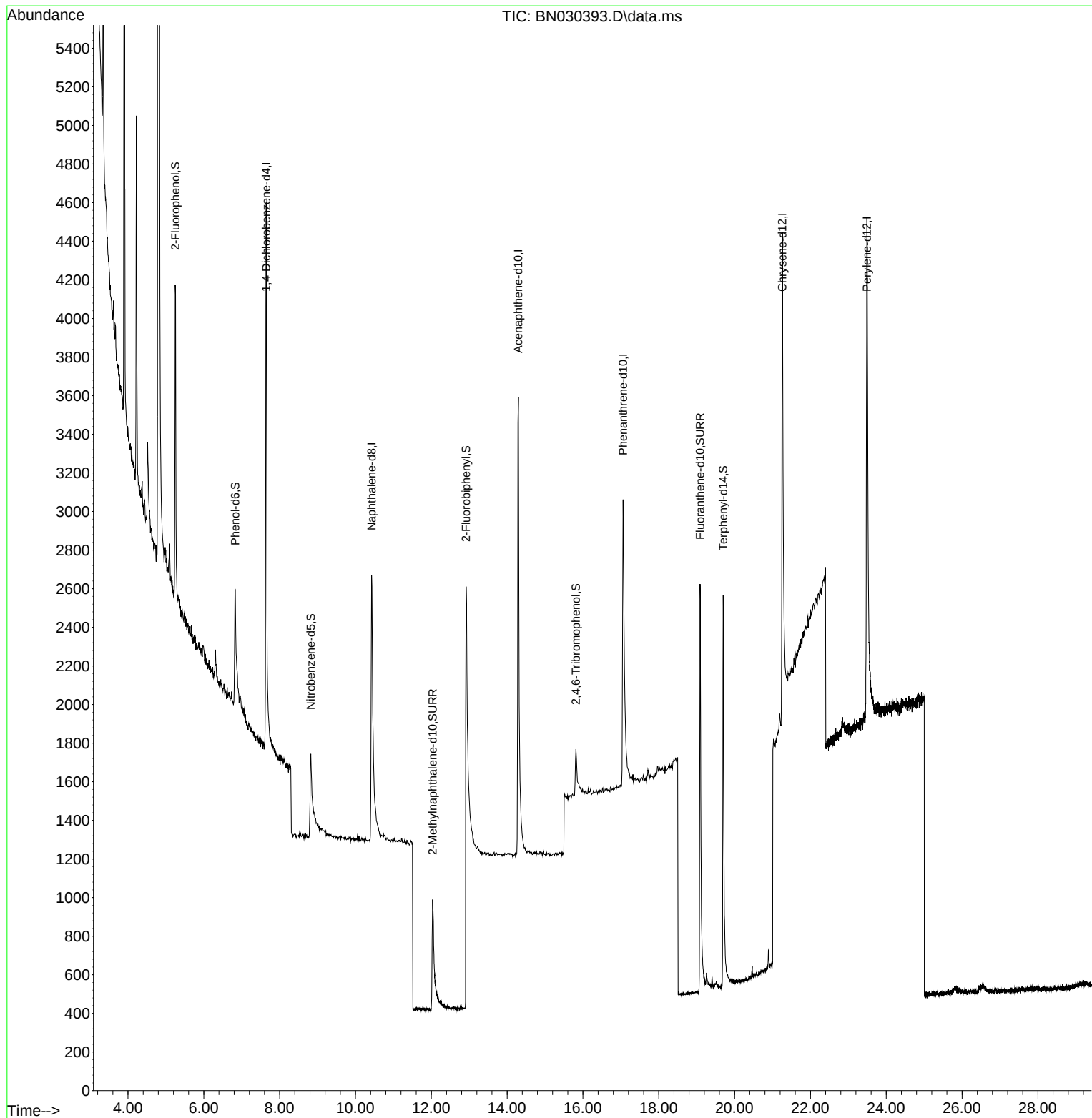
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031424\
Data File : BN030393.D
Acq On : 14 Mar 2024 12:20
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ALS Vial : 4 Sample Multiplier: 1

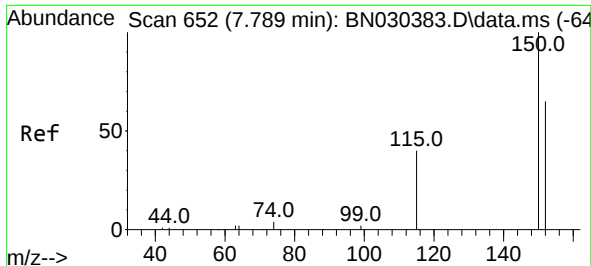
Instrument :
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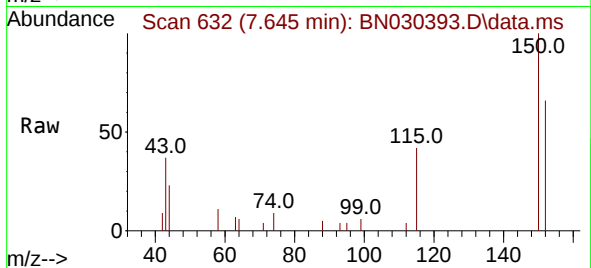
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.645 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN030393.D
Acq: 14 Mar 2024 12:20

Instrument :

BNA_N

ClientSampleId :

PB159518BL

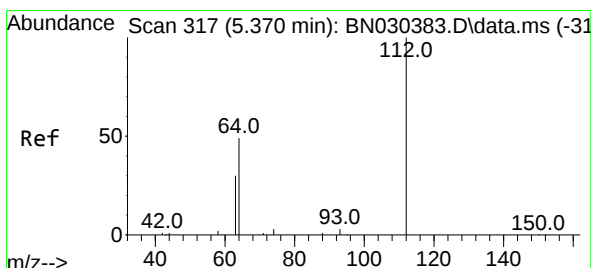
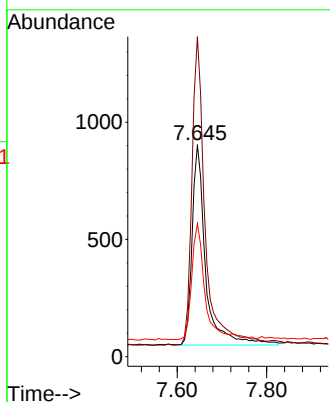
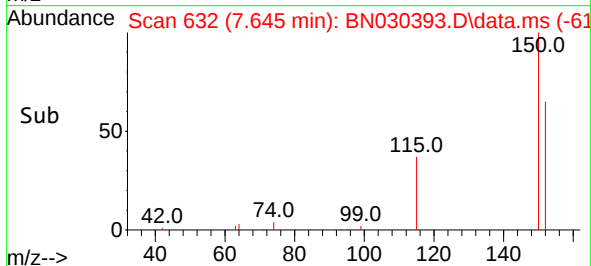


Tgt Ion:152 Resp: 179
Ion Ratio Lower Upper
152 100
150 151.0 120.4 180.6
115 62.7 52.8 79.2

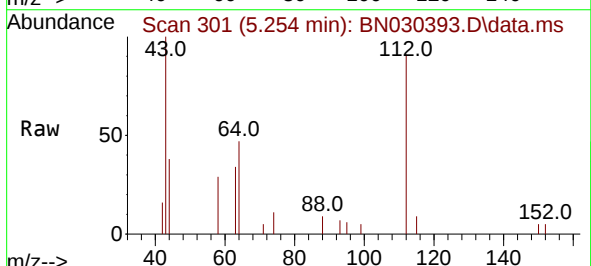
Manual Integrations

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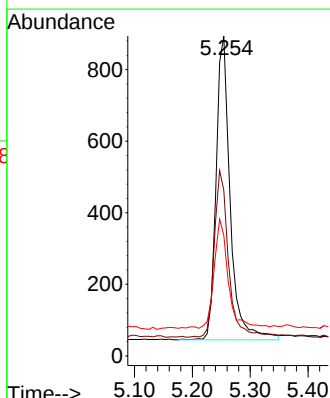
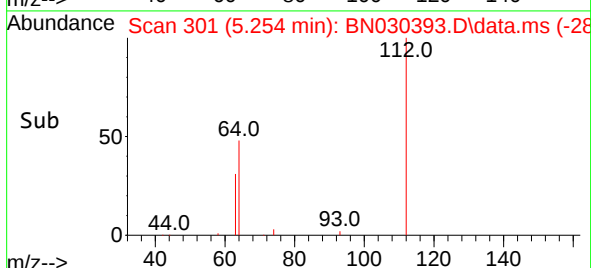
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/16/2024

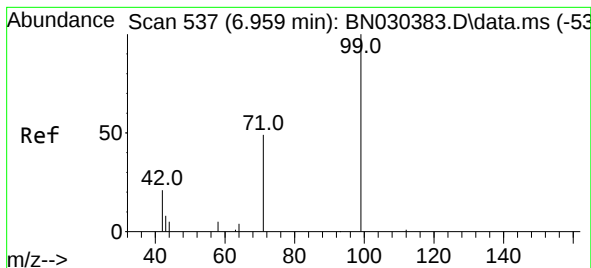


#4
2-Fluorophenol
Concen: 0.307 ng
RT: 5.254 min Scan# 301
Delta R.T. 0.007 min
Lab File: BN030393.D
Acq: 14 Mar 2024 12:20



Tgt Ion:112 Resp: 1433
Ion Ratio Lower Upper
112 100
64 56.1 45.6 68.4
63 36.1 28.2 42.4





#5

Phenol-d6

Concen: 0.236 ng

RT: 6.829 min Scan# 519

Delta R.T. 0.014 min

Lab File: BN030393.D

Acq: 14 Mar 2024 12:20

Instrument :

BNA_N

ClientSampleId :

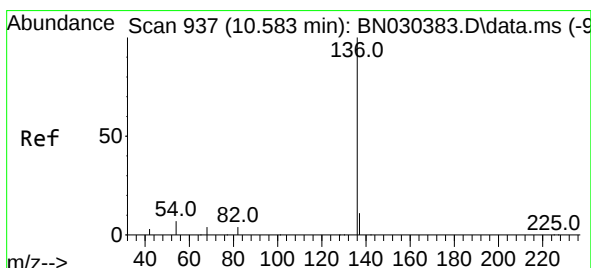
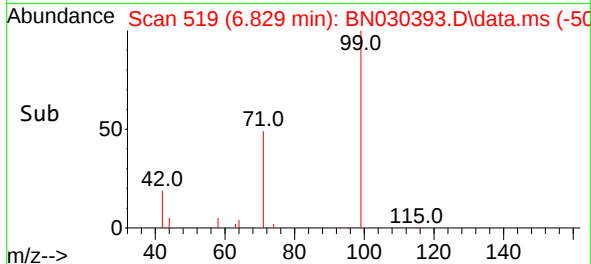
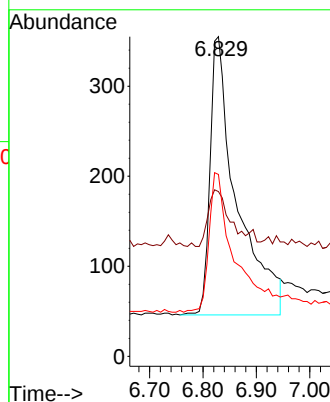
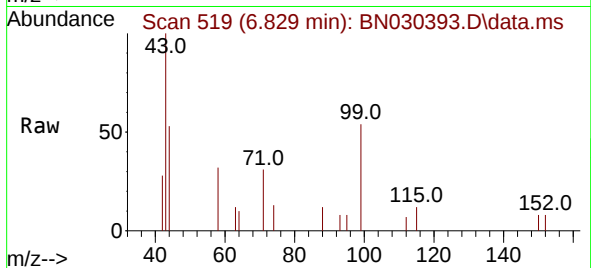
PB159518BL

Tgt Ion: 99	Resp: 107
Ion Ratio	Lower Upper
99 100	
42 18.1	17.0 25.6
71 48.5	37.0 55.6

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Supervised By :mohammad ahmed 03/16/2024



#7

Naphthalene-d8

Concen: 0.400 ng

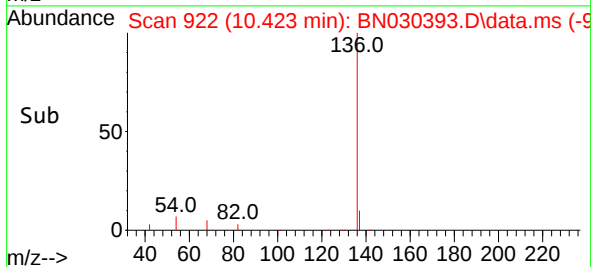
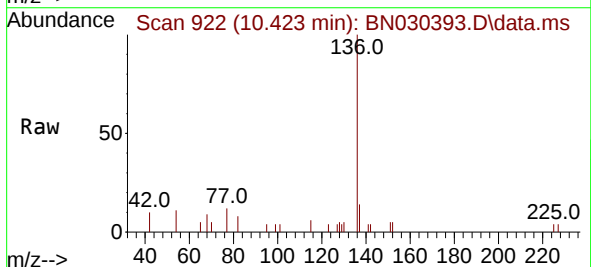
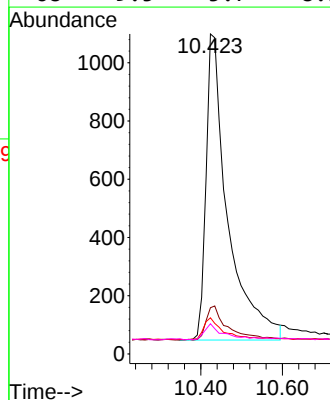
RT: 10.423 min Scan# 922

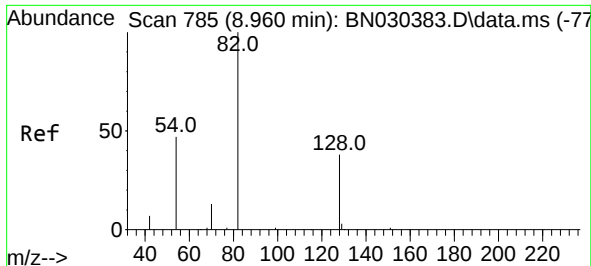
Delta R.T. -0.000 min

Lab File: BN030393.D

Acq: 14 Mar 2024 12:20

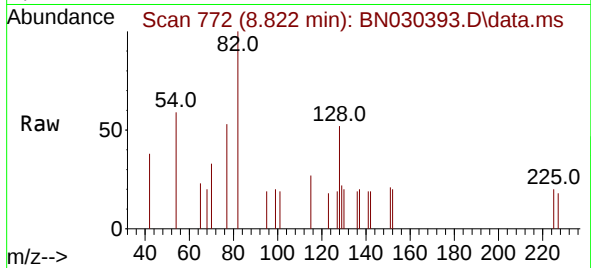
Tgt Ion:136	Resp: 3876
Ion Ratio	Lower Upper
136 100	
137 14.5	11.0 16.6
54 11.3	7.8 11.8
68 9.5	5.7 8.5





#8
Nitrobenzene-d5
Concen: 0.270 ng
RT: 8.822 min Scan# 71
Delta R.T. 0.021 min
Lab File: BN030393.D
Acq: 14 Mar 2024 12:20

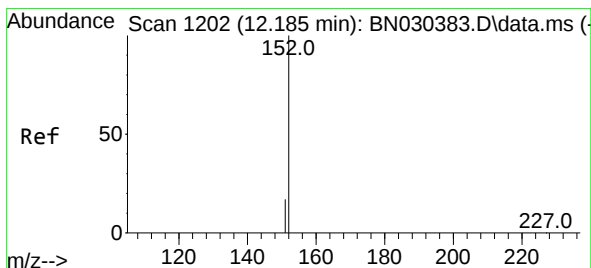
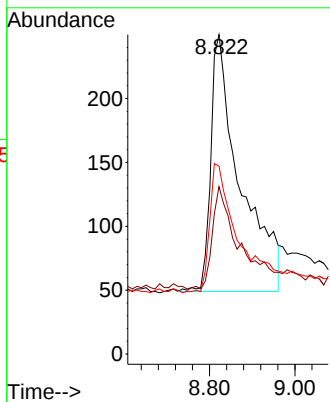
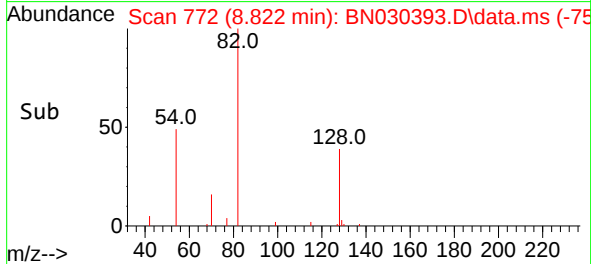
Instrument :
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PB159518BL



Tgt Ion: 82 Resp: 96
Ion Ratio Lower Upper
82 100
128 52.4 35.2 52.8
54 58.8 41.5 62.3

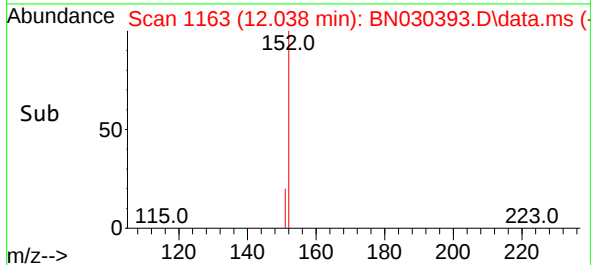
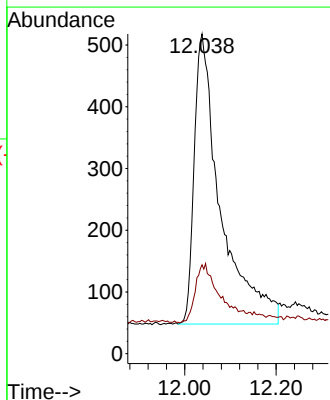
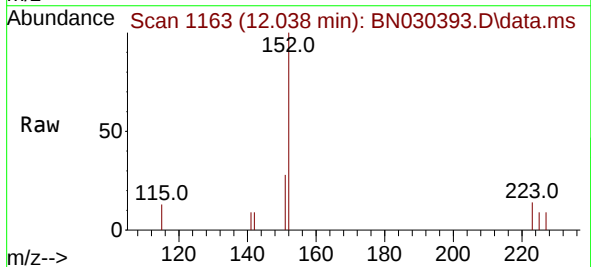
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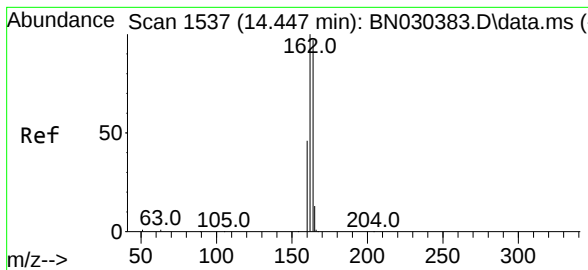
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/16/2024



#11
2-Methylnaphthalene-d10
Concen: 0.314 ng
RT: 12.038 min Scan# 1163
Delta R.T. 0.015 min
Lab File: BN030393.D
Acq: 14 Mar 2024 12:20

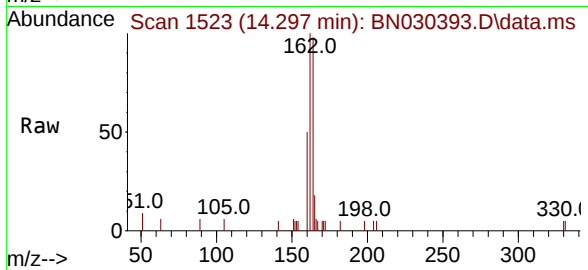
Tgt Ion:152 Resp: 1888
Ion Ratio Lower Upper
152 100
151 18.1 15.8 23.8





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.297 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN030393.D
Acq: 14 Mar 2024 12:20

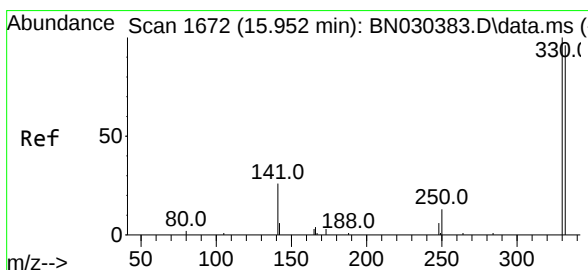
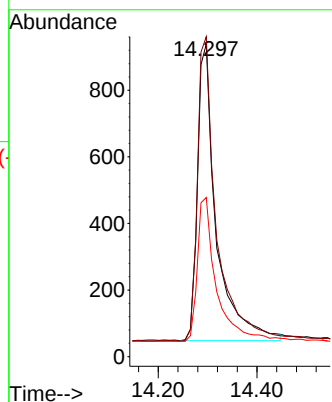
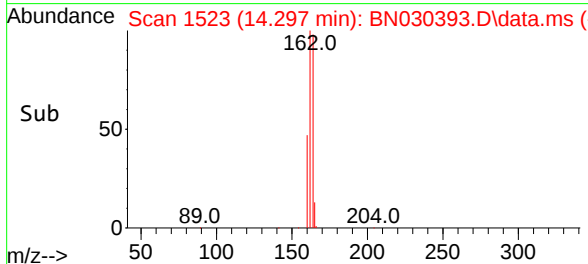
Instrument :
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ClientSampleId :
PB159518BL



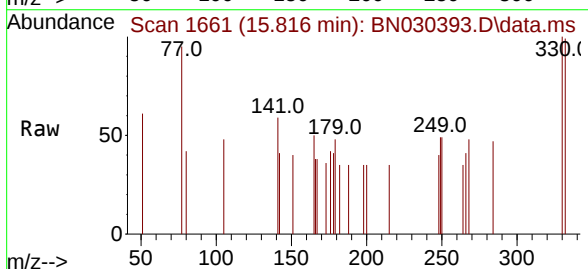
Tgt Ion:164 Resp: 2349
Ion Ratio Lower Upper
164 100
162 102.3 82.6 124.0
160 50.9 39.5 59.3

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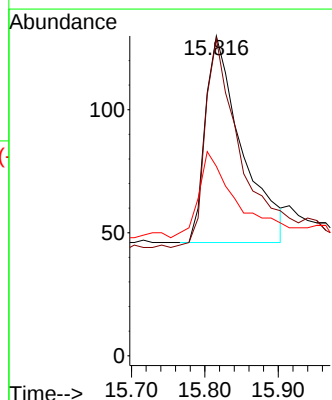
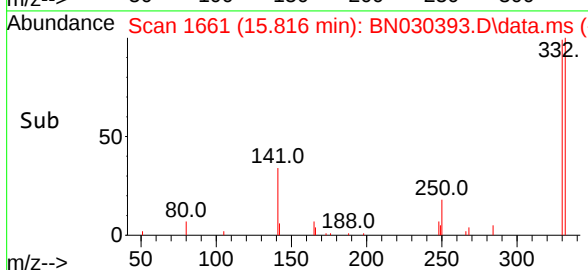
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/16/2024

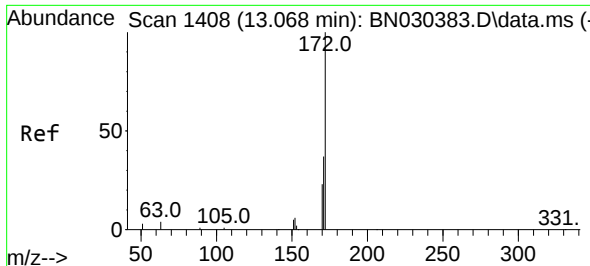


#14
2,4,6-Tribromophenol
Concen: 0.212 ng
RT: 15.816 min Scan# 1661
Delta R.T. 0.025 min
Lab File: BN030393.D
Acq: 14 Mar 2024 12:20



Tgt Ion:330 Resp: 290
Ion Ratio Lower Upper
330 100
332 97.9 77.2 115.8
141 42.4 31.4 47.2





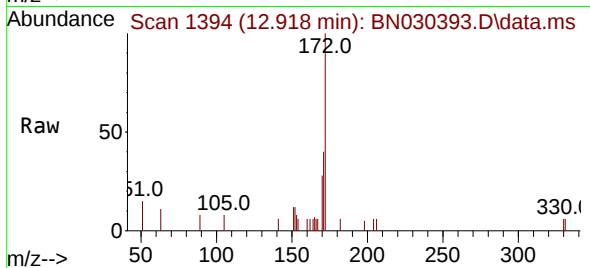
#15
2-Fluorobiphenyl
Concen: 0.373 ng m
RT: 12.918 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN030393.D
Acq: 14 Mar 2024 12:20

Instrument :

BNA_N

ClientSampleId :

PB159518BL

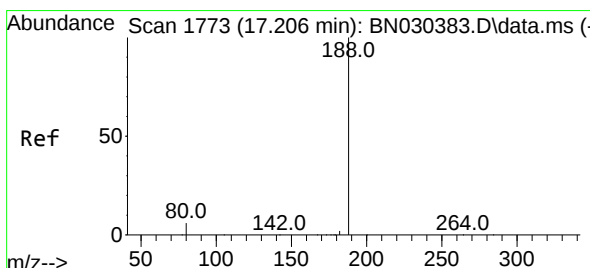
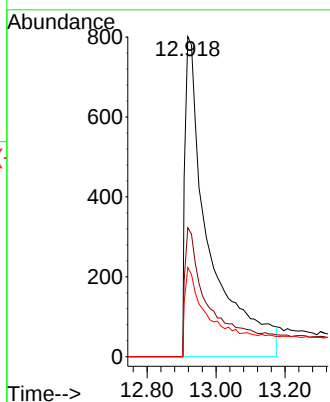
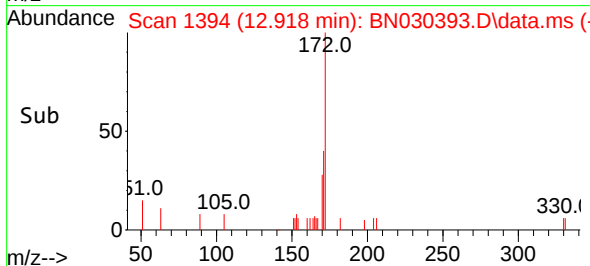


Tgt Ion:172 Resp: 3528
Ion Ratio Lower Upper
172 100
171 40.3 31.0 46.6
170 27.8 20.6 31.0

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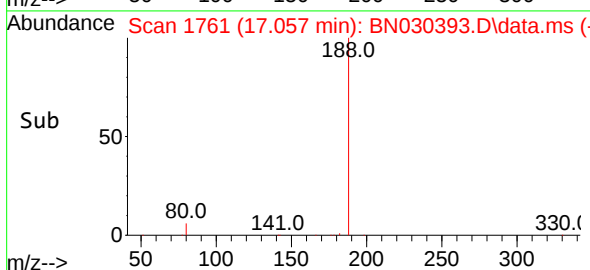
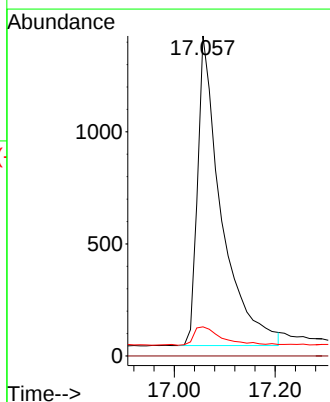
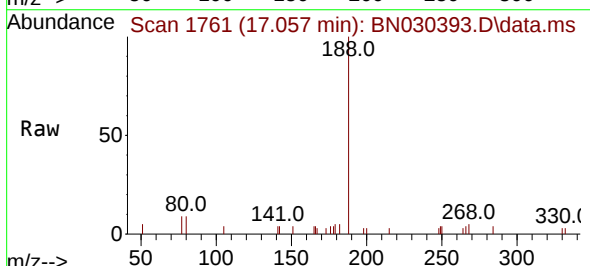
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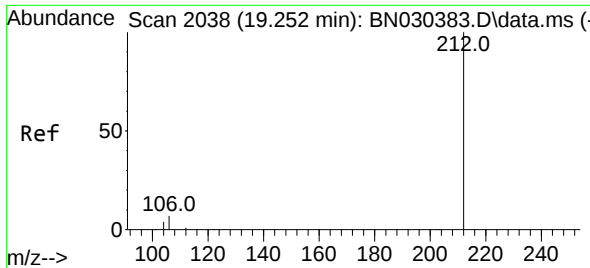
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/16/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.057 min Scan# 1761
Delta R.T. 0.012 min
Lab File: BN030393.D
Acq: 14 Mar 2024 12:20

Tgt Ion:188 Resp: 4511
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.1 6.4 9.6





#27
Fluoranthene-d10
Concen: 0.324 ng
RT: 19.090 min Scan# 2038
Delta R.T. 0.005 min
Lab File: BN030393.D
Acq: 14 Mar 2024 12:20

Instrument :

BNA_N

ClientSampleId :

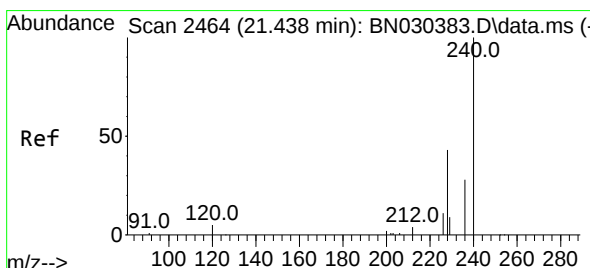
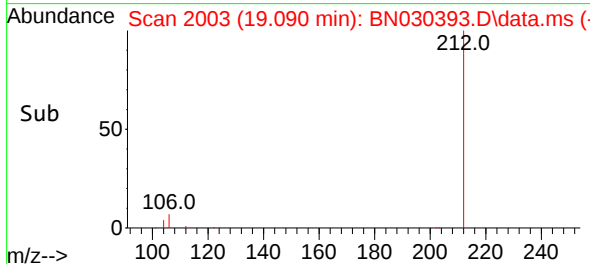
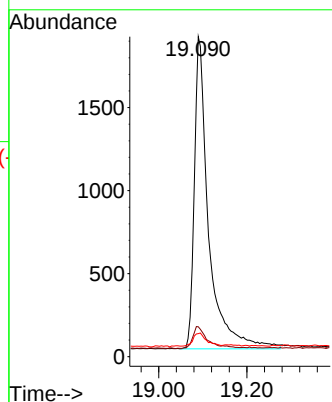
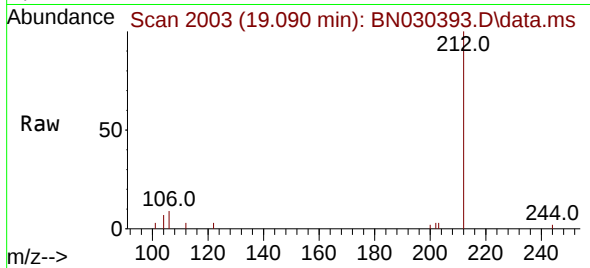
PB159518BL

Tgt Ion:212 Resp: 424
Ion Ratio Lower Upper
212 100
106 6.7 6.0 9.0
104 4.1 3.4 5.0

Manual Integrations

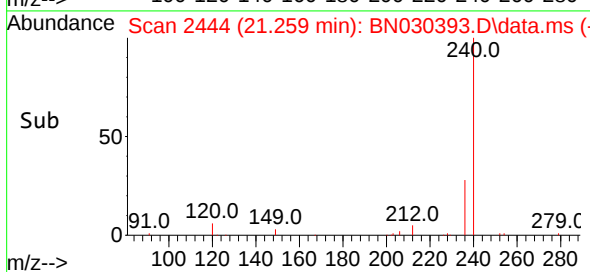
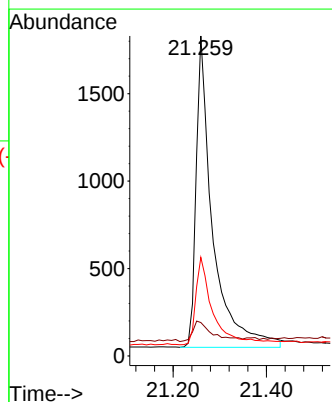
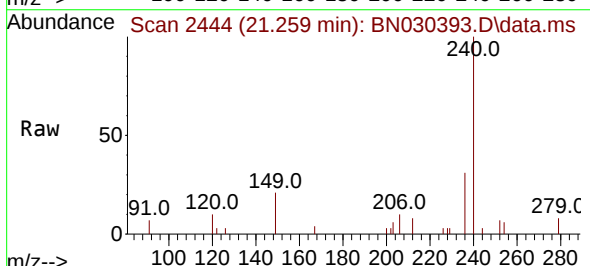
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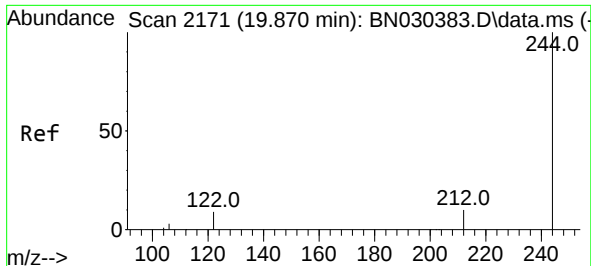
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/16/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2444
Delta R.T. 0.009 min
Lab File: BN030393.D
Acq: 14 Mar 2024 12:20

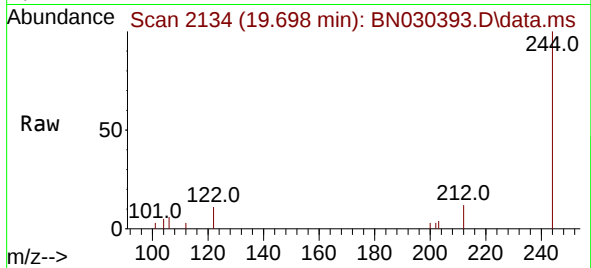
Tgt Ion:240 Resp: 4381
Ion Ratio Lower Upper
240 100
120 10.4 6.7 10.1#
236 30.8 23.8 35.8





#31
Terphenyl-d14
Concen: 0.337 ng
RT: 19.698 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BN030393.D
Acq: 14 Mar 2024 12:20

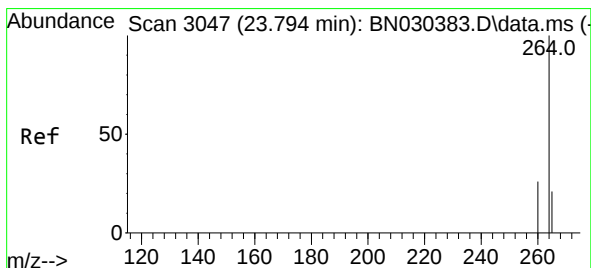
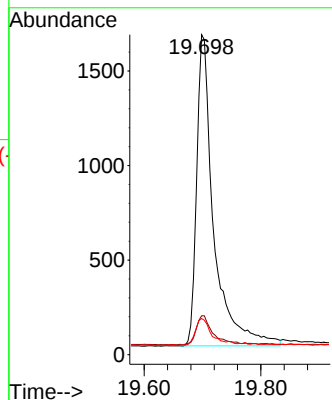
Instrument :
BNA_N
ClientSampleId :
PB159518BL



Tgt Ion:244 Resp: 335
Ion Ratio Lower Upper
244 100
212 12.1 9.8 14.6
122 11.3 8.6 12.8

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Supervised By :mohammad ahmed 03/16/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.490 min Scan# 2943
Delta R.T. -0.000 min
Lab File: BN030393.D
Acq: 14 Mar 2024 12:20

Tgt Ion:264 Resp: 5281
Ion Ratio Lower Upper
264 100
260 27.4 21.8 32.8
265 74.7 50.6 75.8

