

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100824\
 Data File : BN034483.D
 Acq On : 09 Oct 2024 00:44
 Operator : RC/JU
 Sample : PB163796BL
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB163796BL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/09/2024
 Supervised By :mohammad ahmed 10/10/2024

Quant Time: Oct 09 01:13:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.380	152	3744	0.400	ng	-0.01
7) Naphthalene-d8	10.148	136	10410	0.400	ng	# 0.00
13) Acenaphthene-d10	14.037	164	6180	0.400	ng	-0.01
19) Phenanthrene-d10	16.803	188	11191	0.400	ng	# 0.00
29) Chrysene-d12	21.015	240	7704	0.400	ng	# 0.00
35) Perylene-d12	23.122	264	8020	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.026	112	3863	0.364	ng	0.00
5) Phenol-d6	6.600	99	3352m	0.271	ng	0.00
8) Nitrobenzene-d5	8.547	82	1892	0.238	ng	0.01
11) 2-Methylnaphthalene-d10	11.761	152	5035	0.328	ng	0.00
14) 2,4,6-Tribromophenol	15.574	330	664m	0.237	ng	0.03
15) 2-Fluorobiphenyl	12.668	172	8149m	0.324	ng	0.01
27) Fluoranthene-d10	18.841	212	10969	0.388	ng	0.00
31) Terphenyl-d14	19.464	244	6989	0.454	ng	0.00

Target Compounds Qvalue

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

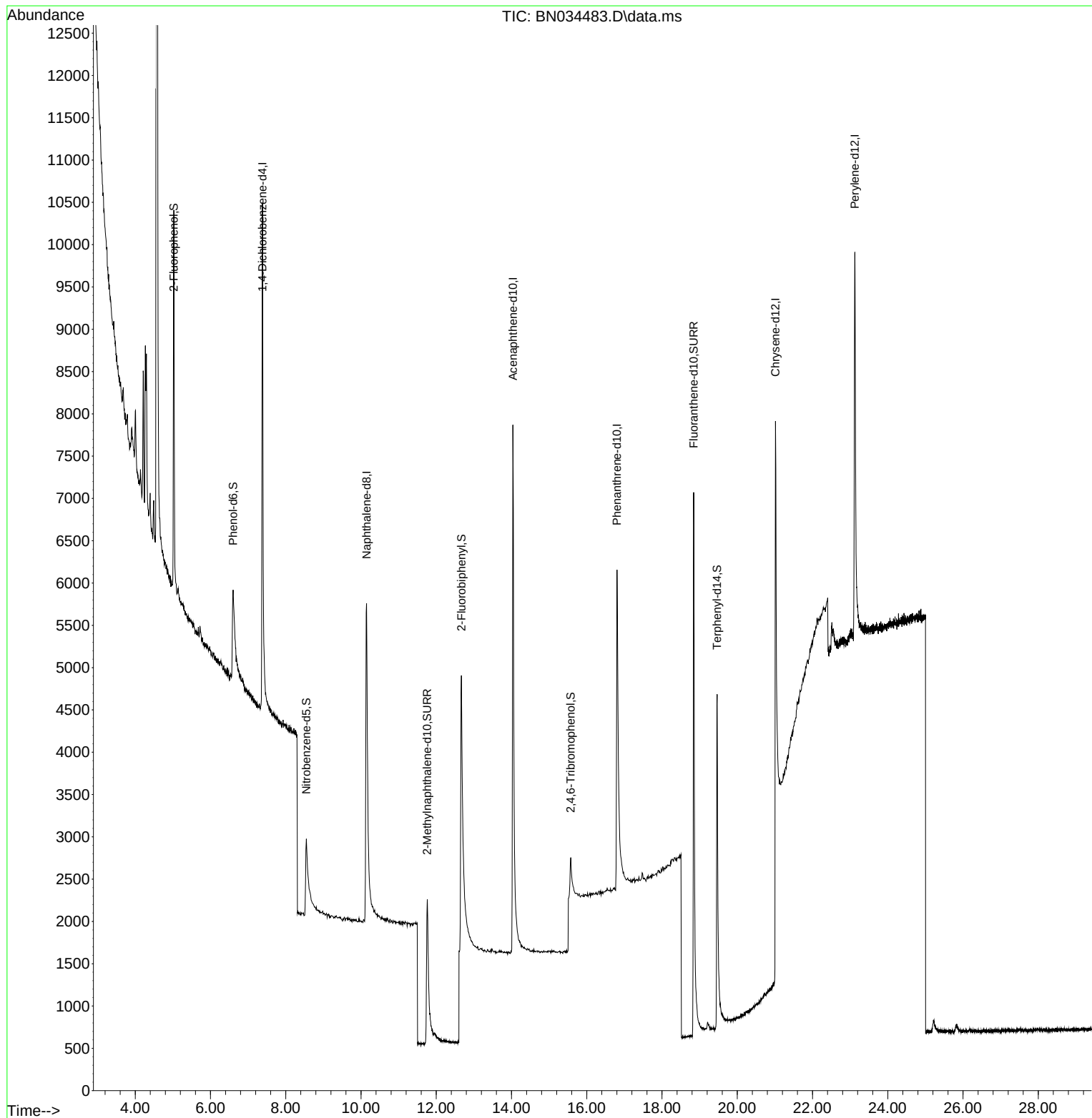
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100824\
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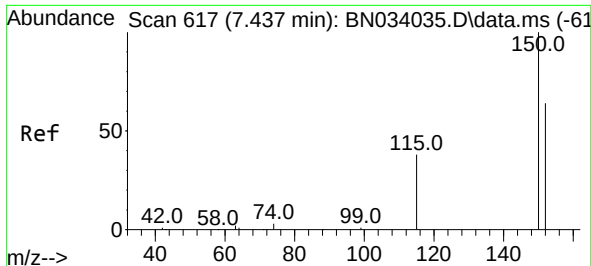
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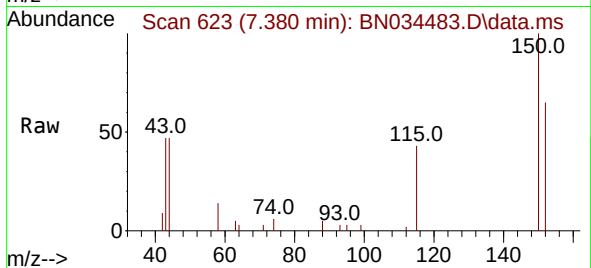
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.380 min Scan# 617
Delta R.T. -0.014 min
Lab File: BN034483.D
Acq: 09 Oct 2024 00:44

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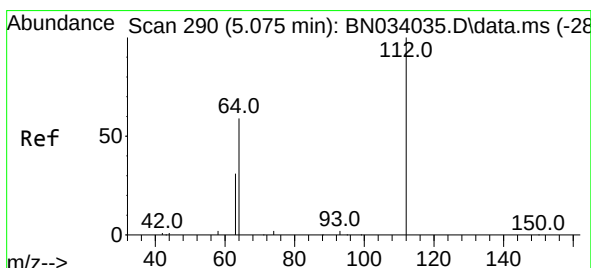
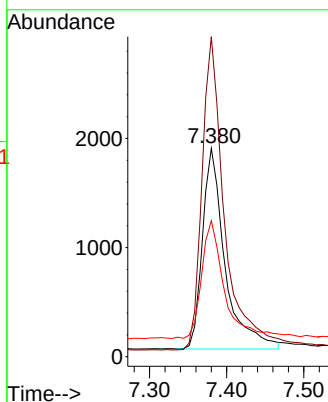
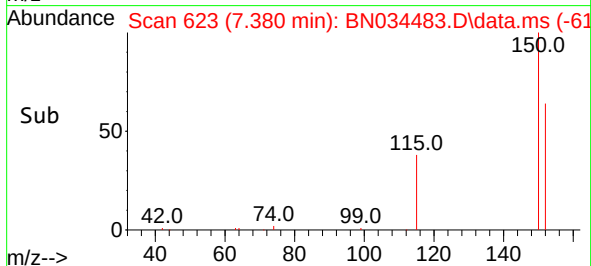
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Ion Ratio Lower Upper
152 100
150 153.6 124.6 187.0
115 65.3 50.0 75.0

Manual Integrations

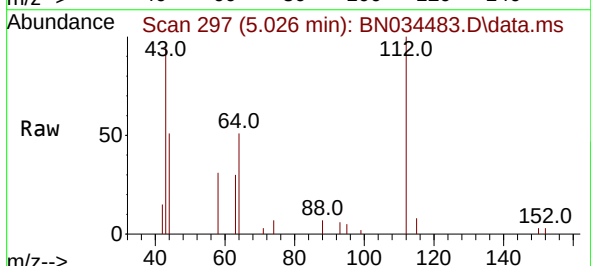
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Reviewed By :Yogesh Patel 10/09/2024

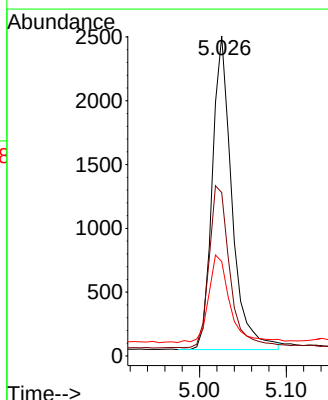
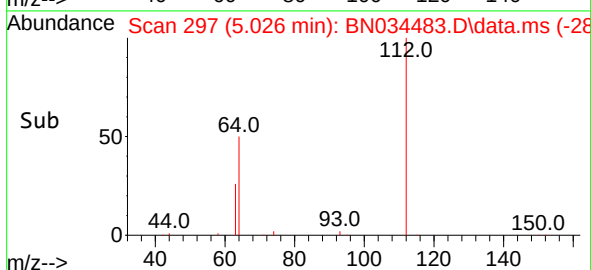
Supervised By :mohammad ahmed 10/10/2024

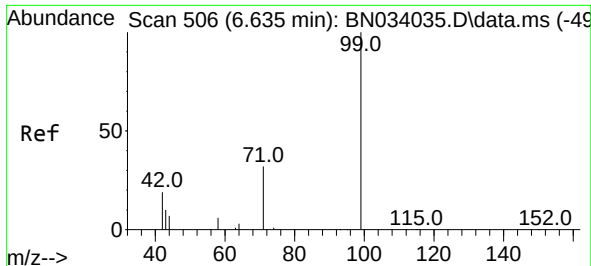


#4
2-Fluorophenol
Concen: 0.364 ng
RT: 5.026 min Scan# 297
Delta R.T. -0.007 min
Lab File: BN034483.D
Acq: 09 Oct 2024 00:44



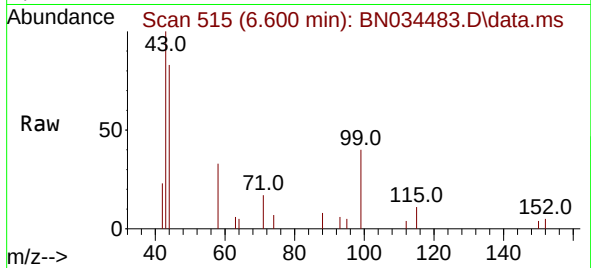
Tgt Ion:112 Resp: 3863
Ion Ratio Lower Upper
112 100
64 55.1 48.6 72.8
63 29.1 25.6 38.4





#5
Phenol-d6
Concen: 0.271 ng m
RT: 6.600 min Scan# 515
Delta R.T. 0.000 min
Lab File: BN034483.D
Acq: 09 Oct 2024 00:44

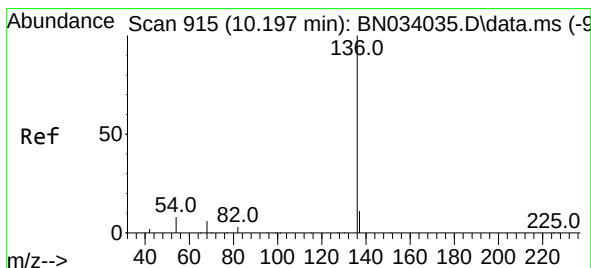
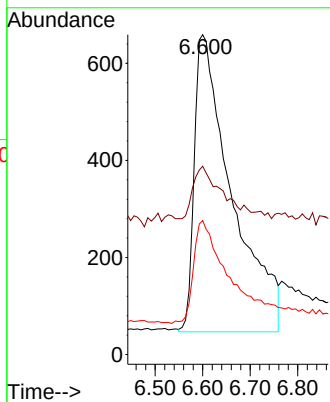
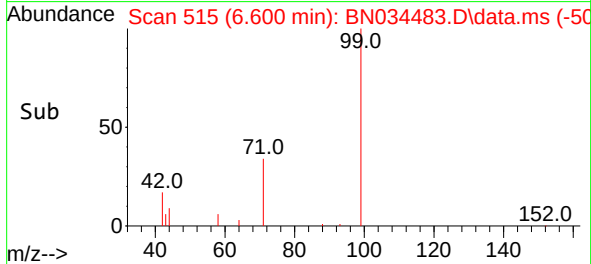
Instrument :
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PB163796BL



Tgt Ion: 99 Resp: 335
Ion Ratio Lower Upper
99 100
42 11.1 17.8 26.8
71 24.0 26.2 39.2

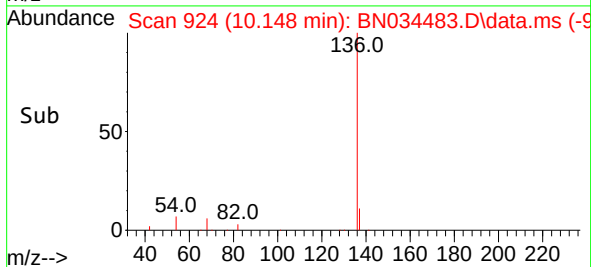
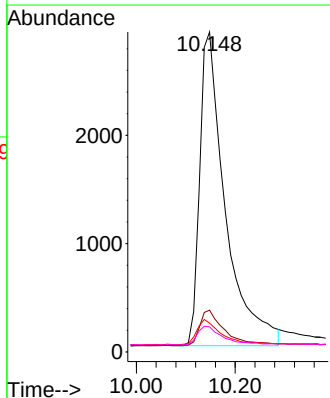
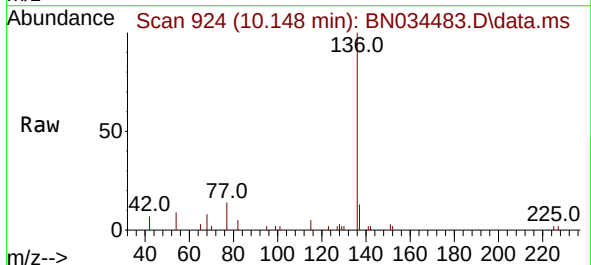
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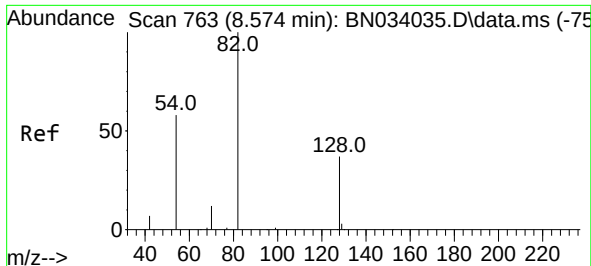
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/10/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.148 min Scan# 924
Delta R.T. 0.000 min
Lab File: BN034483.D
Acq: 09 Oct 2024 00:44

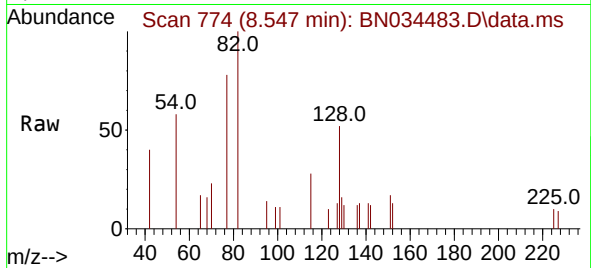
Tgt Ion:136 Resp: 10410
Ion Ratio Lower Upper
136 100
137 13.0 9.0 13.6
54 9.0 6.8 10.2
68 7.8 5.0 7.6





#8
Nitrobenzene-d5
Concen: 0.238 ng
RT: 8.547 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN034483.D
Acq: 09 Oct 2024 00:44

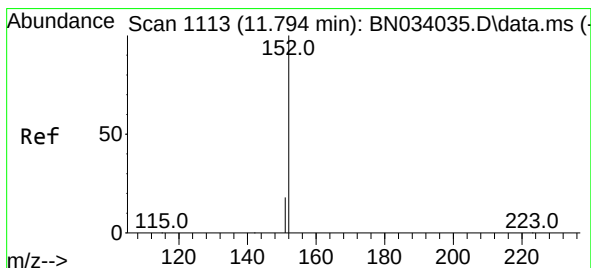
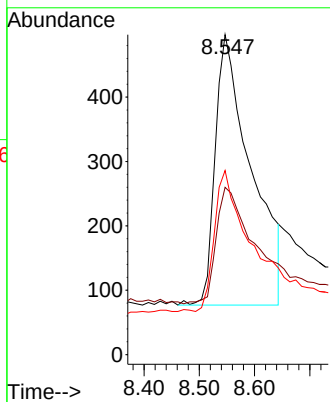
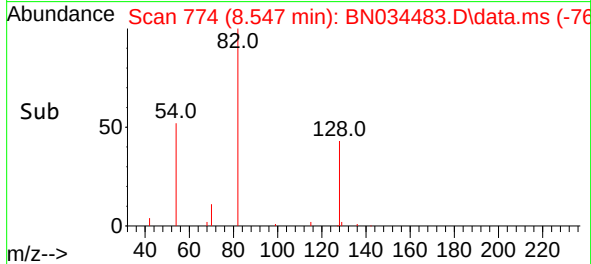
Instrument :
BNA_N
ClientSampleId :
PB163796BL



Tgt Ion: 82 Resp: 189
Ion Ratio Lower Upper
82 100
128 52.3 31.4 47.2
54 57.5 47.4 71.0

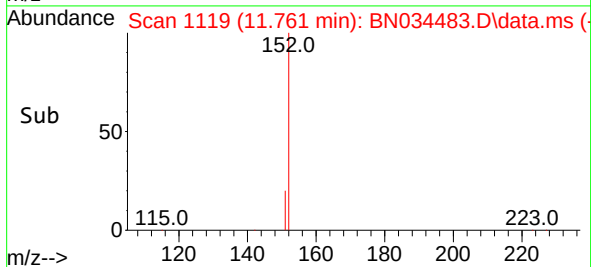
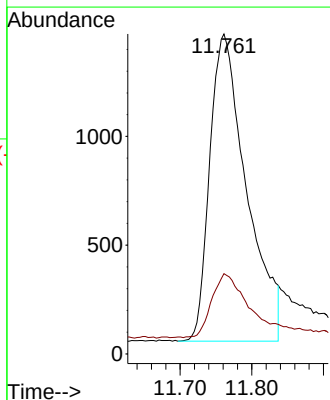
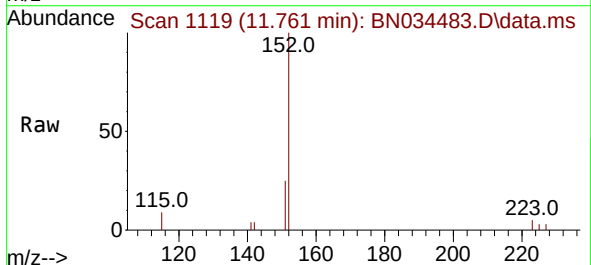
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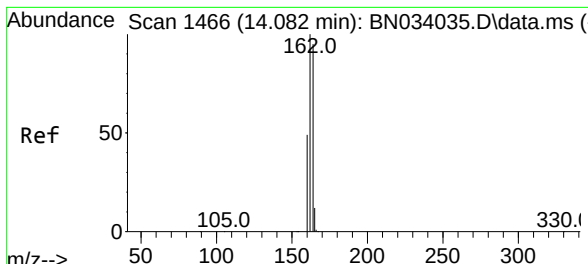
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/10/2024



#11
2-Methylnaphthalene-d10
Concen: 0.328 ng
RT: 11.761 min Scan# 1119
Delta R.T. 0.008 min
Lab File: BN034483.D
Acq: 09 Oct 2024 00:44

Tgt Ion:152 Resp: 5035
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2





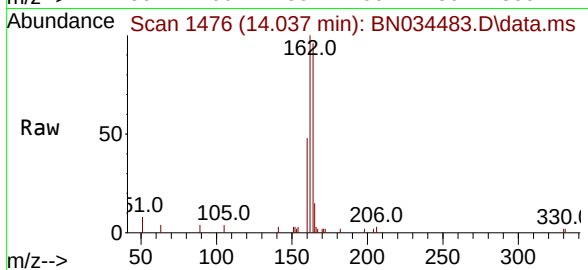
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.037 min Scan# 1466
 Delta R.T. -0.010 min
 Lab File: BN034483.D
 Acq: 09 Oct 2024 00:44

Instrument :

BNA_N

ClientSampleId :

PB163796BL



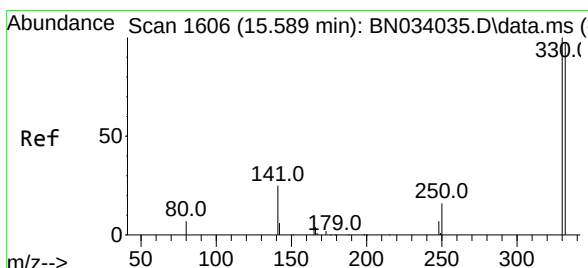
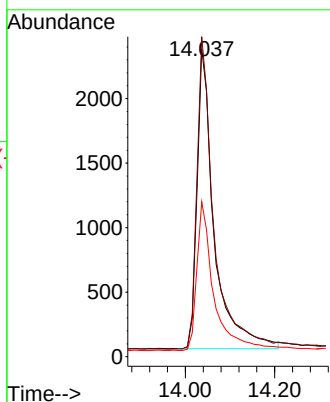
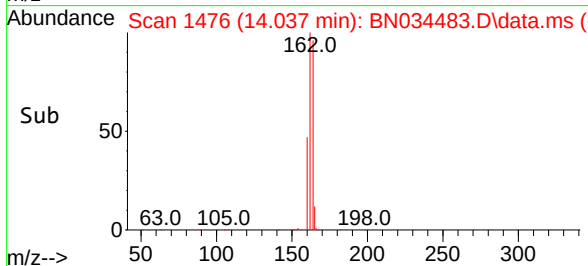
Tgt Ion:164 Resp: 6180
 Ion Ratio Lower Upper
 164 100
 162 103.9 84.2 126.2
 160 50.3 41.7 62.5

Manual Integrations

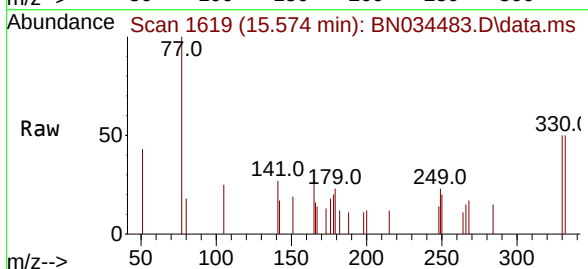
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Reviewed By :Yogesh Patel 10/09/2024

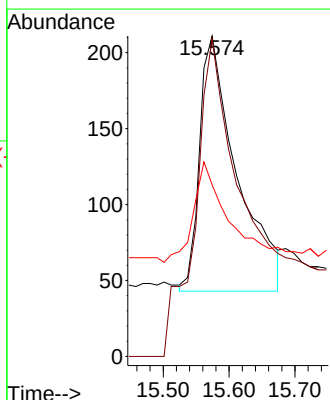
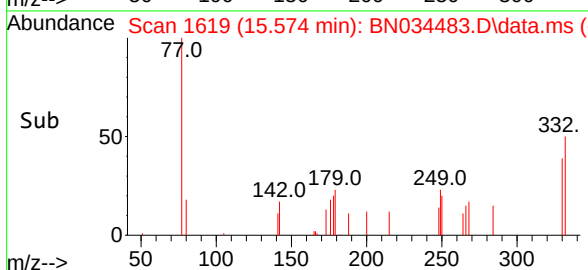
Supervised By :mohammad ahmed 10/10/2024

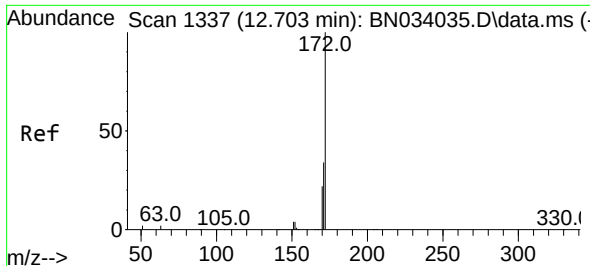


#14
 2,4,6-Tribromophenol
 Concen: 0.237 ng m
 RT: 15.574 min Scan# 1619
 Delta R.T. 0.025 min
 Lab File: BN034483.D
 Acq: 09 Oct 2024 00:44



Tgt Ion:330 Resp: 664
 Ion Ratio Lower Upper
 330 100
 332 133.4 77.4 116.0#
 141 31.6 35.9 53.9#





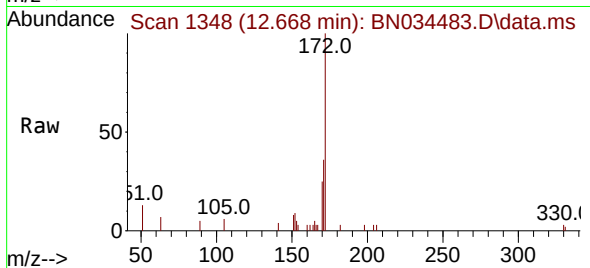
#15
2-Fluorobiphenyl
Concen: 0.324 ng m
RT: 12.668 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN034483.D
Acq: 09 Oct 2024 00:44

Instrument :

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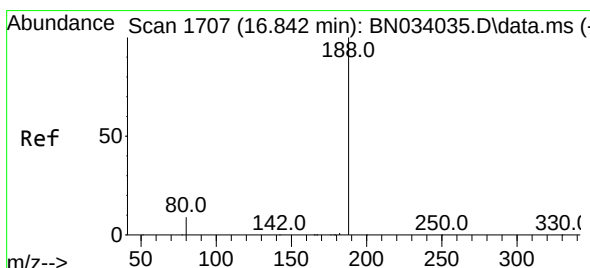
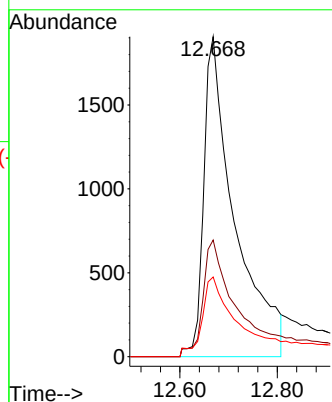
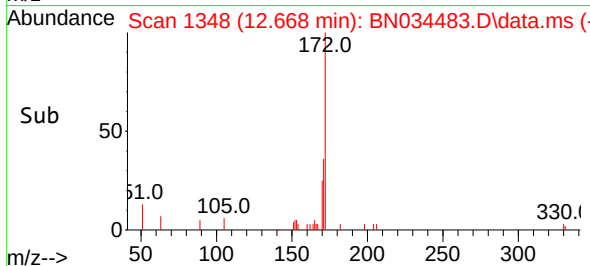
Tgt Ion:172 Resp: 8149
Ion Ratio Lower Upper
172 100
171 36.4 27.3 40.9
170 24.9 18.1 27.1

Manual Integrations

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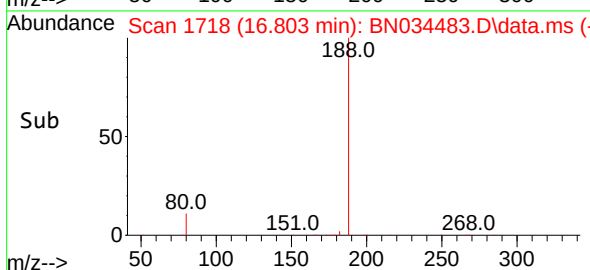
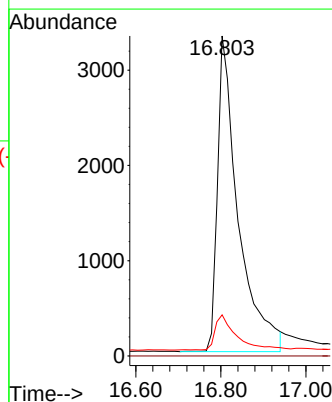
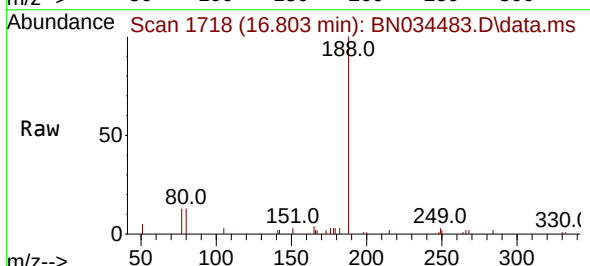
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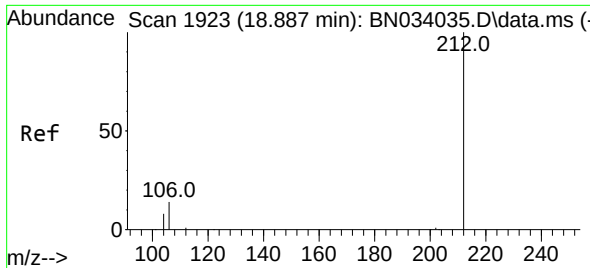
Supervised By :mohammad ahmed 10/10/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.803 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BN034483.D
Acq: 09 Oct 2024 00:44

Tgt Ion:188 Resp: 11191
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.8 7.4 11.0#





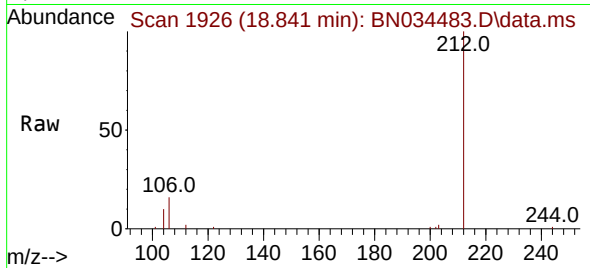
#27
Fluoranthene-d10
Concen: 0.388 ng
RT: 18.841 min Scan# 1926
Delta R.T. -0.004 min
Lab File: BN034483.D
Acq: 09 Oct 2024 00:44

Instrument :

BNA_N

ClientSampleId :

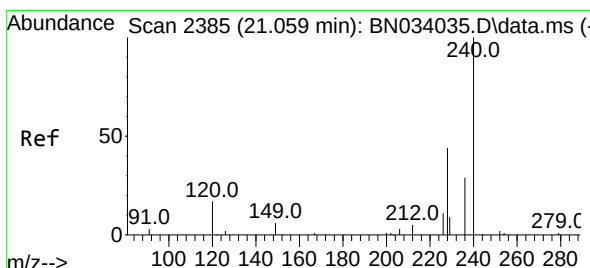
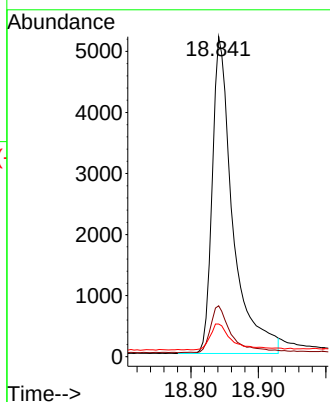
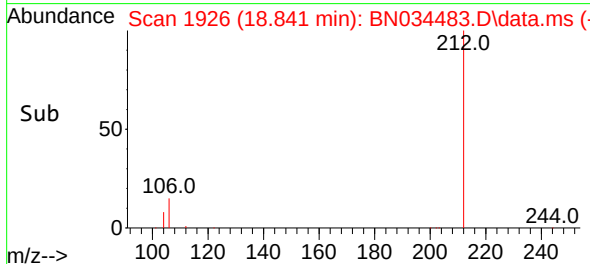
PB163796BL



Tgt Ion:212 Resp: 10969
Ion Ratio Lower Upper
212 100
106 14.9 13.4 20.2
104 8.4 7.8 11.6

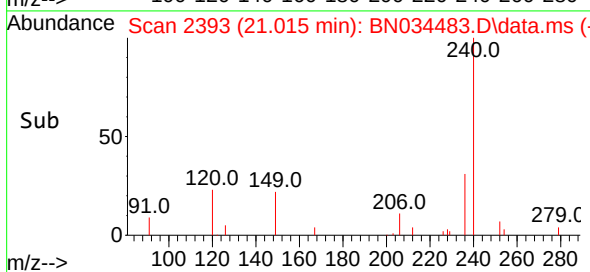
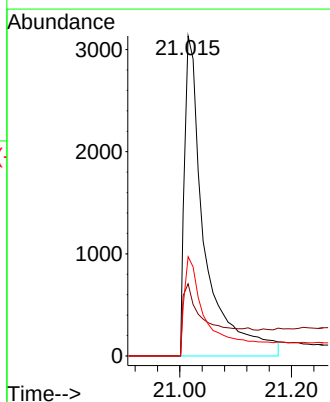
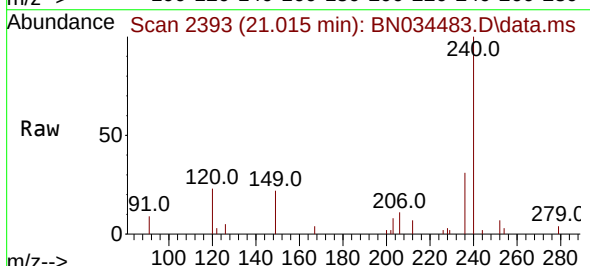
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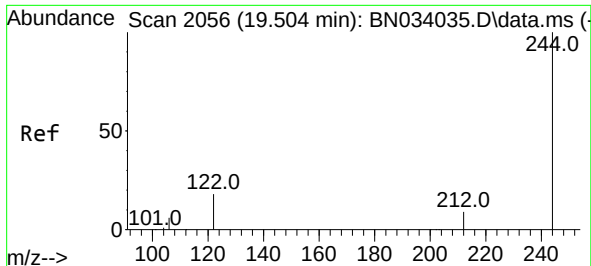
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/10/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.015 min Scan# 2393
Delta R.T. 0.000 min
Lab File: BN034483.D
Acq: 09 Oct 2024 00:44

Tgt Ion:240 Resp: 7704
Ion Ratio Lower Upper
240 100
120 22.5 13.5 20.3#
236 31.0 23.4 35.0





#31
 Terphenyl-d14
 Concen: 0.454 ng
 RT: 19.464 min Scan# 2060
 Delta R.T. -0.004 min
 Lab File: BN034483.D
 Acq: 09 Oct 2024 00:44

Instrument :

BNA_N

ClientSampleId :

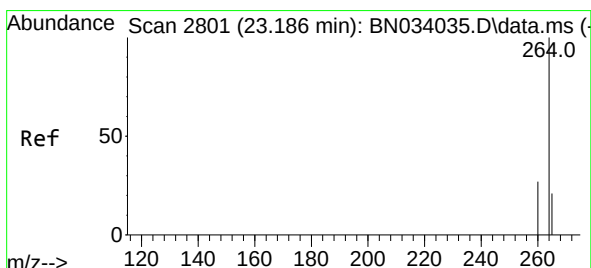
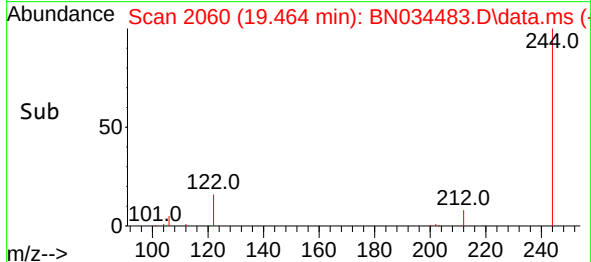
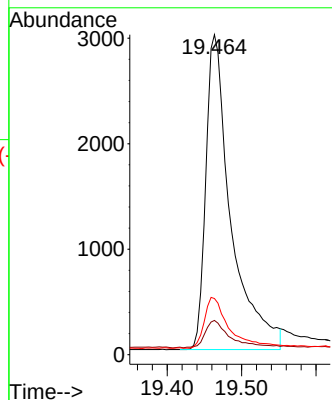
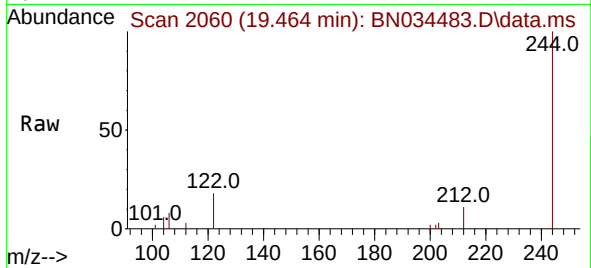
PB163796BL

Tgt Ion:244 Resp: 6989
 Ion Ratio Lower Upper
 244 100
 212 10.7 7.8 11.6
 122 17.5 14.8 22.2

Manual Integrations

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#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.122 min Scan# 2792
 Delta R.T. -0.006 min
 Lab File: BN034483.D
 Acq: 09 Oct 2024 00:44

Tgt Ion:264 Resp: 8020
 Ion Ratio Lower Upper
 264 100
 260 27.4 21.7 32.5
 265 124.7 52.1 78.1#

