

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101424\
 Data File : BN034581.D
 Acq On : 14 Oct 2024 21:06
 Operator : RC/JU
 Sample : PB163828BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB163828BL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :mohammad ahmed 10/15/2024

Quant Time: Oct 15 00:06:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 17:52:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.366	152	4658	0.400	ng	0.00
7) Naphthalene-d8	10.137	136	12530	0.400	ng	0.02
13) Acenaphthene-d10	14.019	164	7178	0.400	ng	0.00
19) Phenanthrene-d10	16.784	188	11795	0.400	ng	# 0.00
29) Chrysene-d12	21.008	240	5557	0.400	ng	0.00
35) Perylene-d12	23.104	264	11603	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.011	112	4474	0.354	ng	0.00
5) Phenol-d6	6.578	99	3536m	0.270	ng	0.01
8) Nitrobenzene-d5	8.536	82	2564	0.314	ng	0.02
11) 2-Methylnaphthalene-d10	11.742	152	6519	0.347	ng	0.02
14) 2,4,6-Tribromophenol	15.555	330	425m	0.134	ng	0.03
15) 2-Fluorobiphenyl	12.651	172	9166m	0.370	ng	0.01
27) Fluoranthene-d10	18.829	212	11383	0.397	ng	0.00
31) Terphenyl-d14	19.443	244	7837	0.391	ng	0.00

Target Compounds Qvalue

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

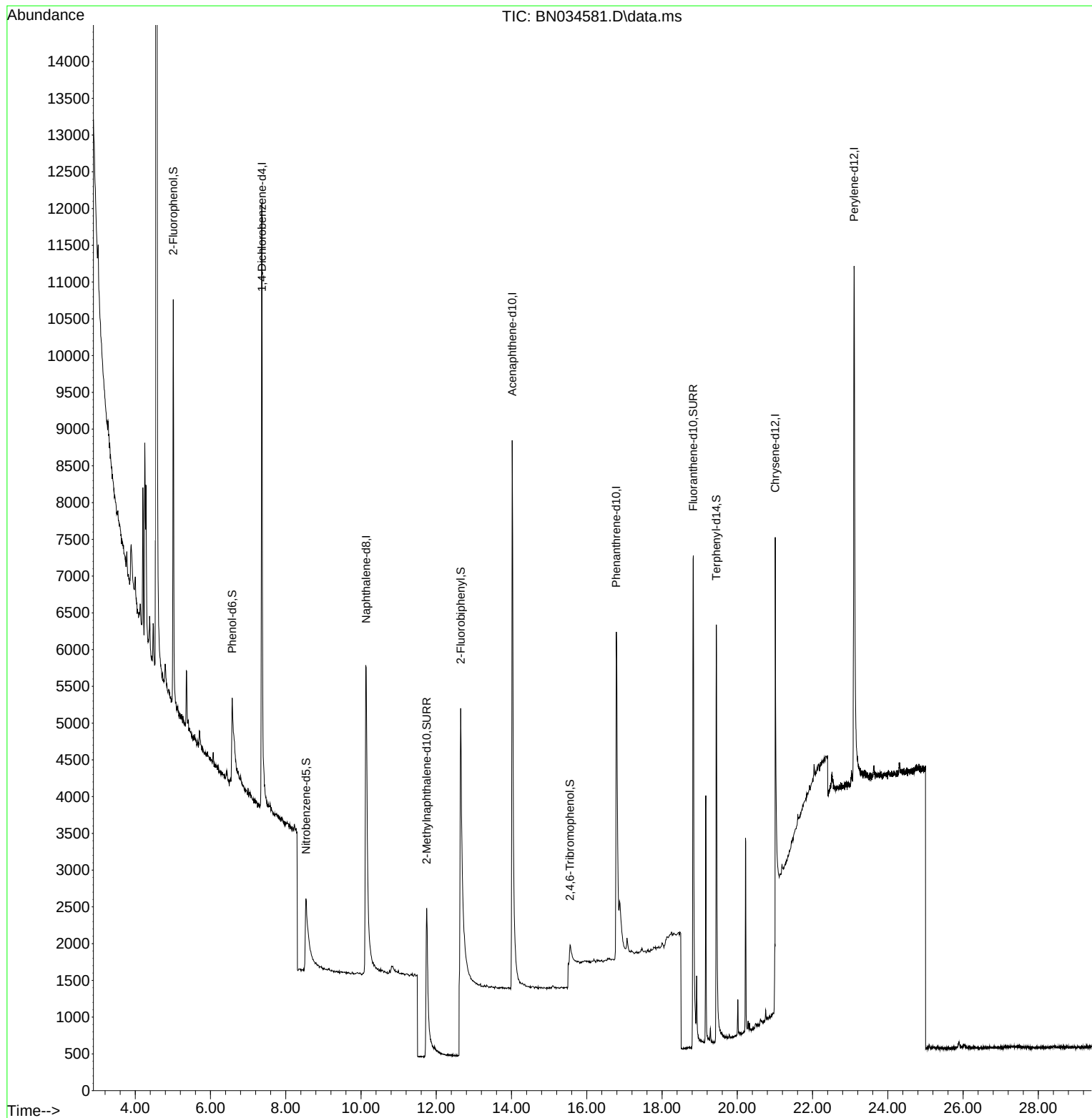
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101424\
Data File : BN034581.D
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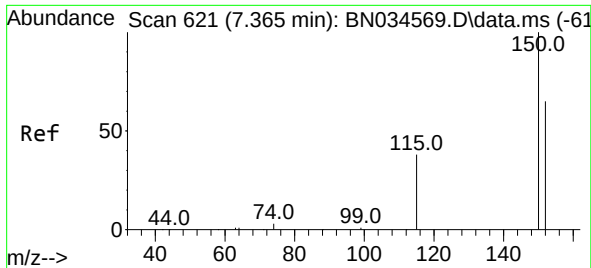
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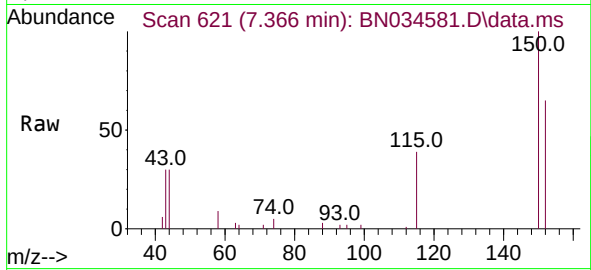
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.366 min Scan# 61
Delta R.T. 0.001 min
Lab File: BN034581.D
Acq: 14 Oct 2024 21:06

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BNA_N

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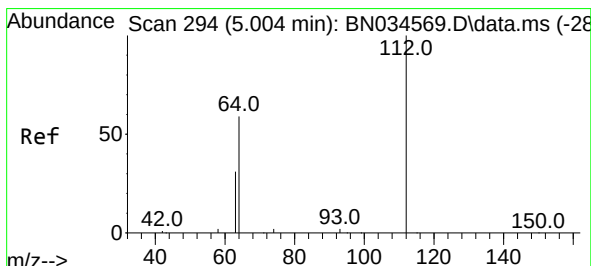
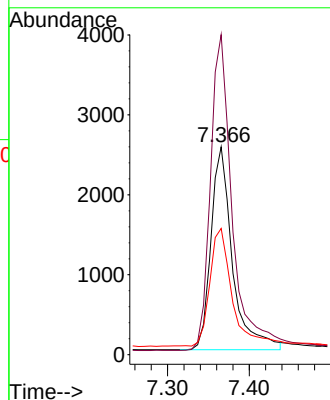
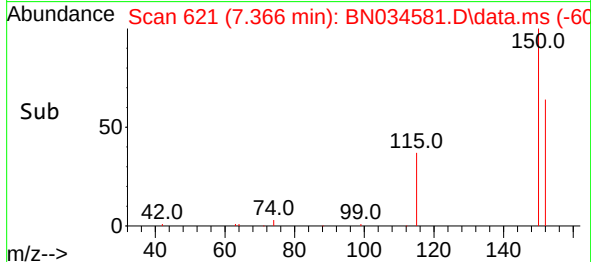
Tgt Ion:152 Resp: 4658
Ion Ratio Lower Upper
152 100
150 153.9 122.0 183.0
115 60.7 48.3 72.5

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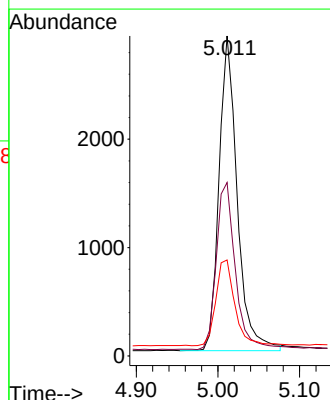
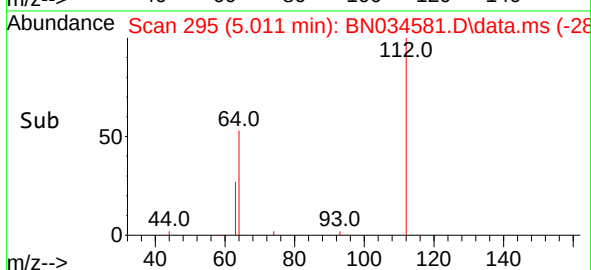
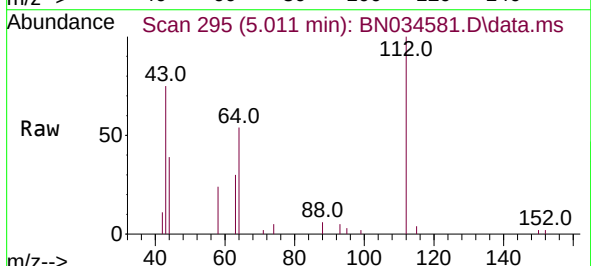
Reviewed By :Yogesh Patel 10/15/2024

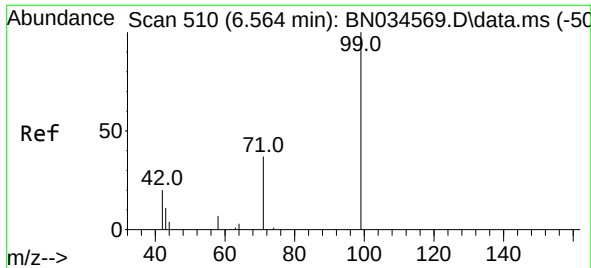
Supervised By :mohammad ahmed 10/15/2024



#4
2-Fluorophenol
Concen: 0.354 ng
RT: 5.011 min Scan# 295
Delta R.T. 0.007 min
Lab File: BN034581.D
Acq: 14 Oct 2024 21:06

Tgt Ion:112 Resp: 4474
Ion Ratio Lower Upper
112 100
64 55.8 44.6 66.8
63 28.7 23.8 35.6





#5
Phenol-d6
Concen: 0.270 ng m
RT: 6.578 min Scan# 510
Delta R.T. 0.015 min
Lab File: BN034581.D
Acq: 14 Oct 2024 21:06

Instrument :

BNA_N

ClientSampleId :

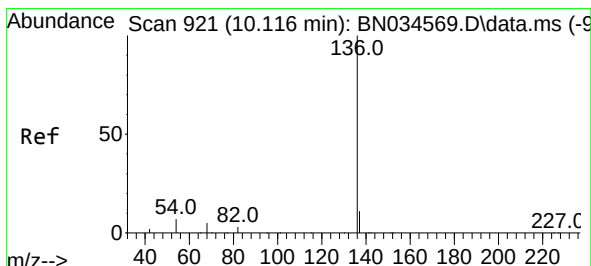
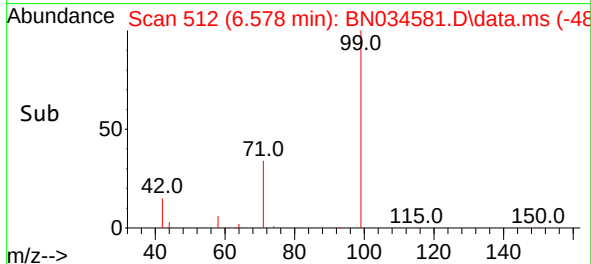
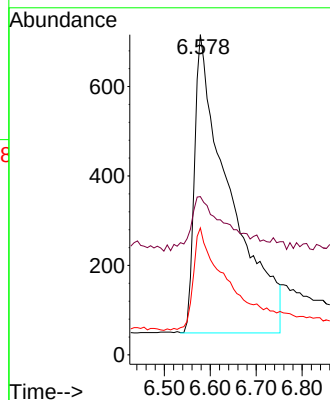
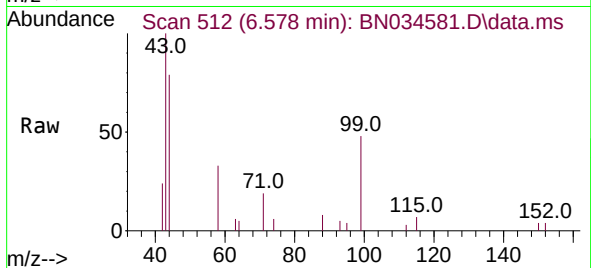
PB163828BL

Tgt Ion: 99 Resp: 3530
Ion Ratio Lower Upper
99 100
42 17.4 15.0 22.6
71 29.5 28.0 42.0

Manual Integrations

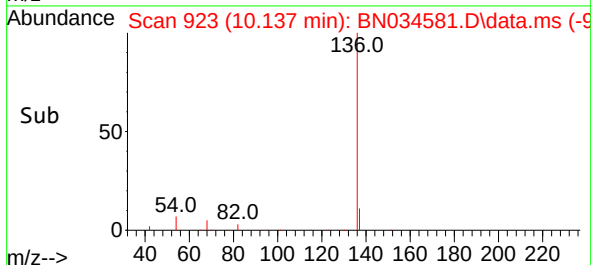
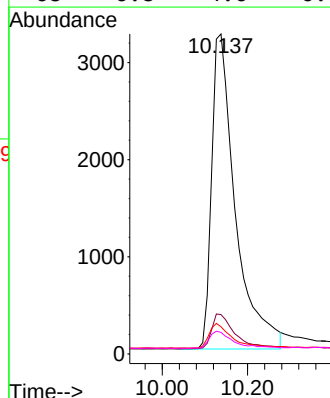
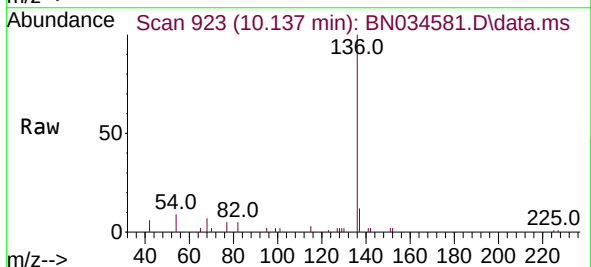
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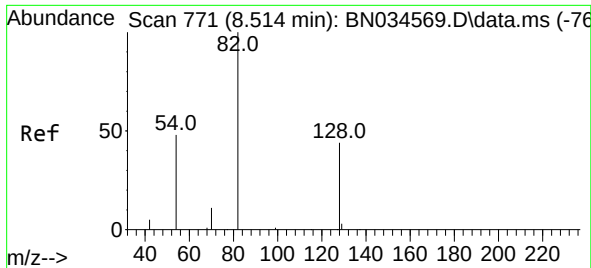
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 923
Delta R.T. 0.022 min
Lab File: BN034581.D
Acq: 14 Oct 2024 21:06

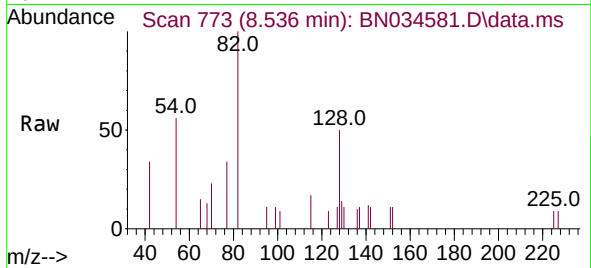
Tgt Ion:136 Resp: 12530
Ion Ratio Lower Upper
136 100
137 12.3 9.4 14.0
54 8.5 6.2 9.4
68 6.8 4.6 6.8





#8
Nitrobenzene-d5
Concen: 0.314 ng
RT: 8.536 min Scan# 71
Delta R.T. 0.022 min
Lab File: BN034581.D
Acq: 14 Oct 2024 21:06

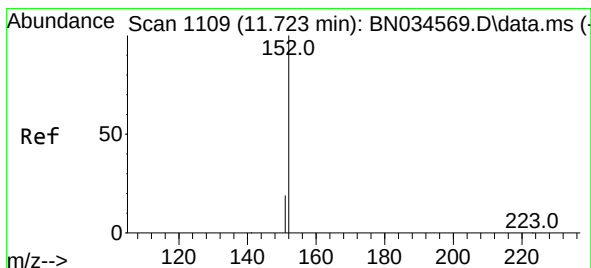
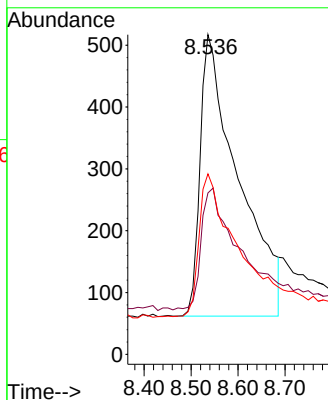
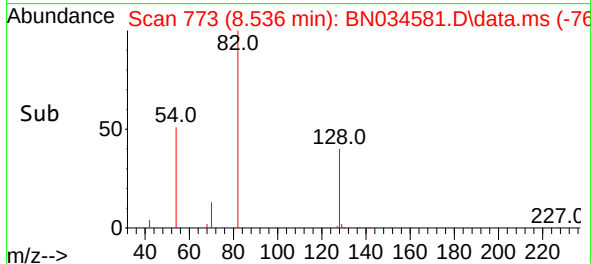
Instrument :
BNA_N
ClientSampleId :
PB163828BL



Tgt Ion: 82 Resp: 2564
Ion Ratio Lower Upper
82 100
128 50.5 38.0 57.0
54 56.5 40.6 60.8

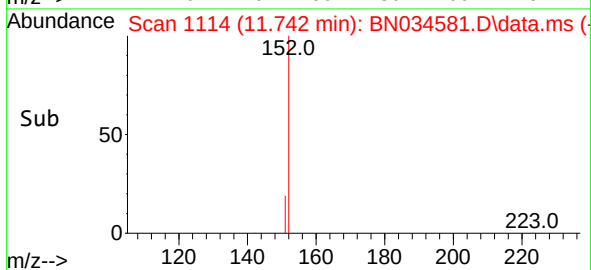
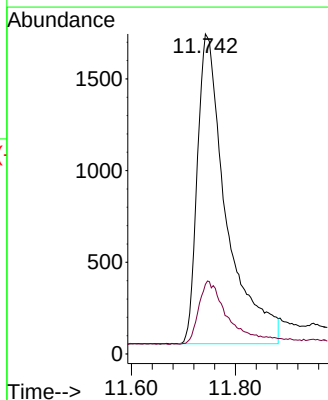
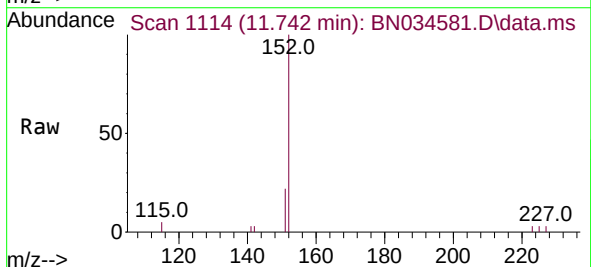
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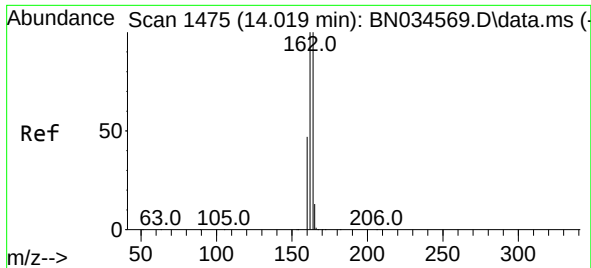
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024



#11
2-Methylnaphthalene-d10
Concen: 0.347 ng
RT: 11.742 min Scan# 1114
Delta R.T. 0.019 min
Lab File: BN034581.D
Acq: 14 Oct 2024 21:06

Tgt Ion:152 Resp: 6519
Ion Ratio Lower Upper
152 100
151 20.1 16.7 25.1





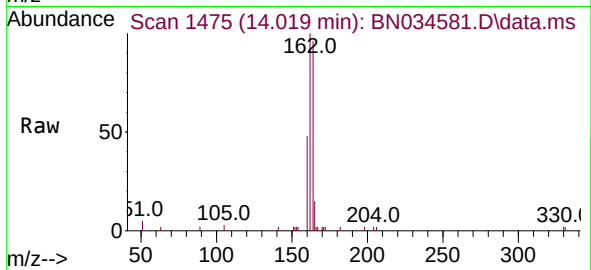
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.019 min Scan# 1475
Delta R.T. 0.000 min
Lab File: BN034581.D
Acq: 14 Oct 2024 21:06

Instrument :

BNA_N

ClientSampleId :

PB163828BL



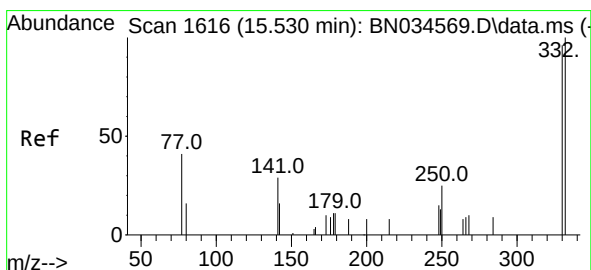
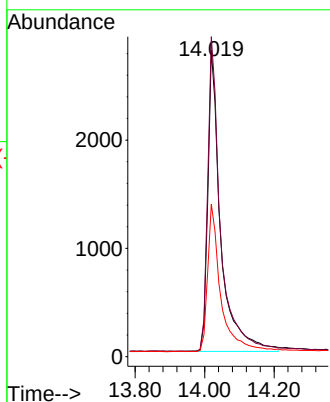
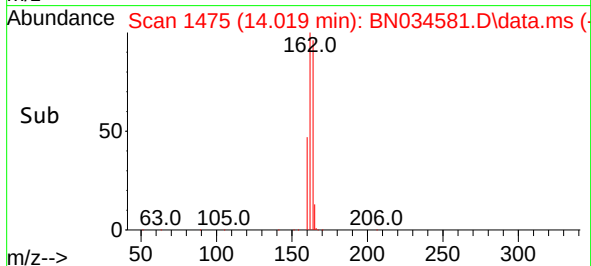
Tgt Ion:164 Resp: 7178
Ion Ratio Lower Upper
164 100
162 104.5 79.7 119.5
160 49.8 37.9 56.9

Manual Integrations

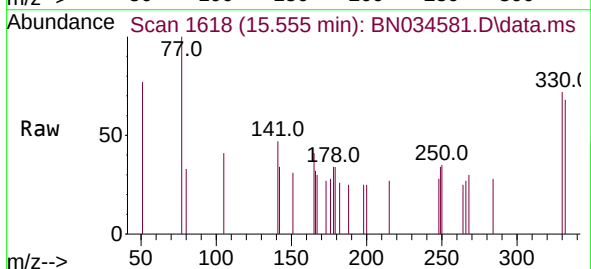
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Reviewed By :Yogesh Patel 10/15/2024

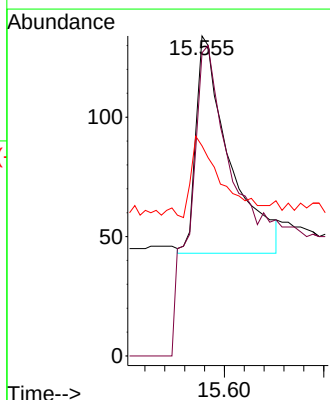
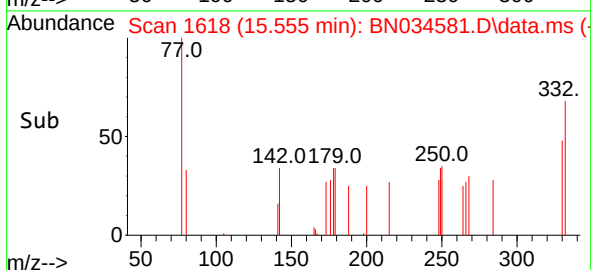
Supervised By :mohammad ahmed 10/15/2024

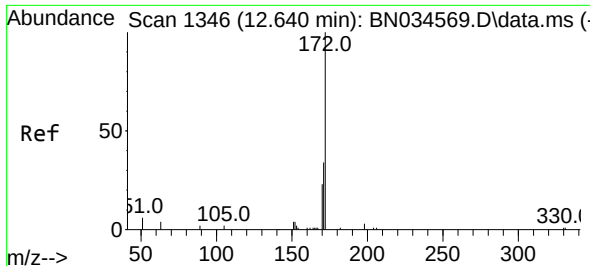


#14
2,4,6-Tribromophenol
Concen: 0.134 ng m
RT: 15.555 min Scan# 1618
Delta R.T. 0.025 min
Lab File: BN034581.D
Acq: 14 Oct 2024 21:06



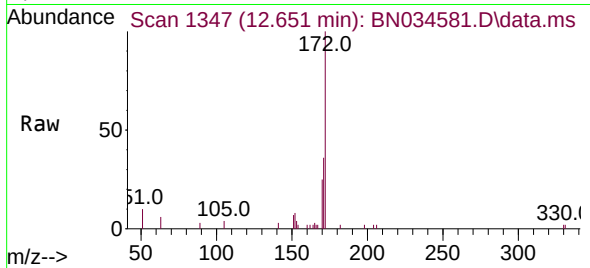
Tgt Ion:330 Resp: 425
Ion Ratio Lower Upper
330 100
332 157.4 104.3 156.5#
141 0.0 29.4 44.0#





#15
2-Fluorobiphenyl
Concen: 0.370 ng m
RT: 12.651 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN034581.D
Acq: 14 Oct 2024 21:06

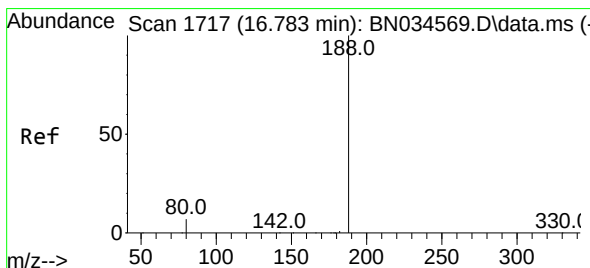
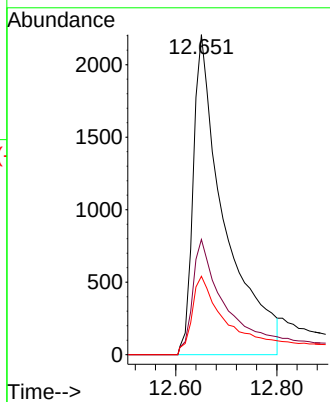
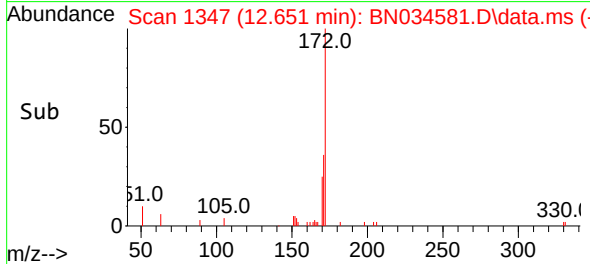
Instrument :
BNA_N
ClientSampleId :
PB163828BL



Tgt Ion:172 Resp: 916
Ion Ratio Lower Upper
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171 36.0 27.1 40.7
170 24.5 18.5 27.7

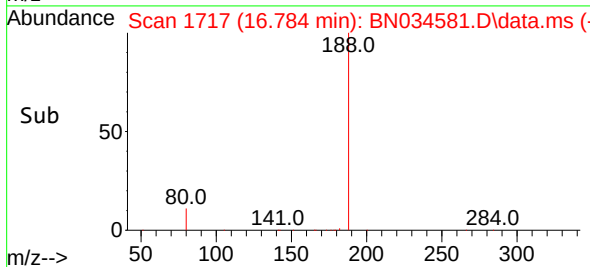
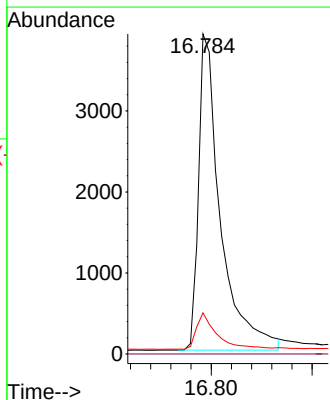
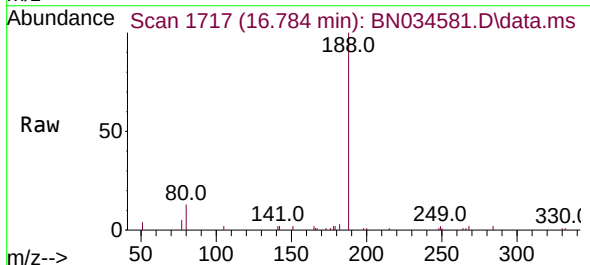
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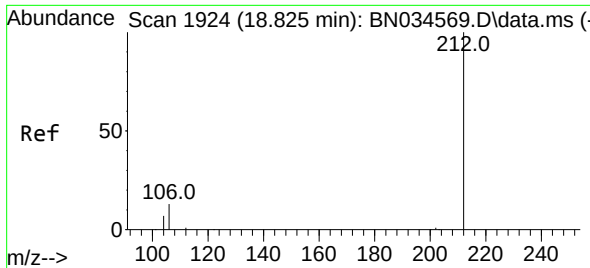
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.784 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BN034581.D
Acq: 14 Oct 2024 21:06

Tgt Ion:188 Resp: 11795
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.8 6.3 9.5#





#27
Fluoranthene-d10
Concen: 0.397 ng
RT: 18.829 min Scan# 1924
Delta R.T. 0.005 min
Lab File: BN034581.D
Acq: 14 Oct 2024 21:06

Instrument :

BNA_N

ClientSampleId :

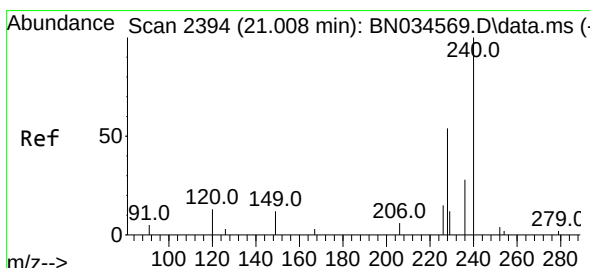
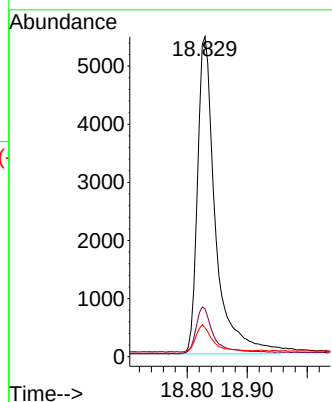
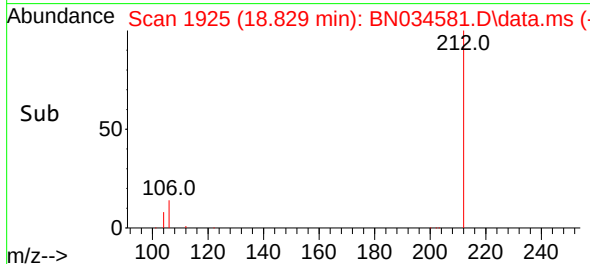
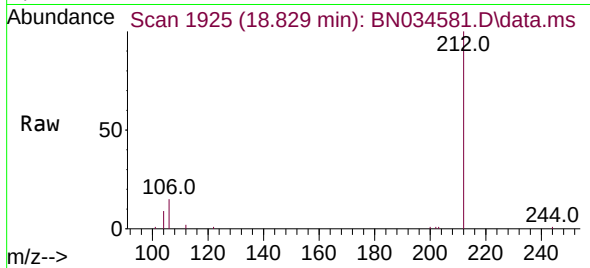
PB163828BL

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Ion Ratio Lower Upper
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104 8.1 6.5 9.7

Manual Integrations

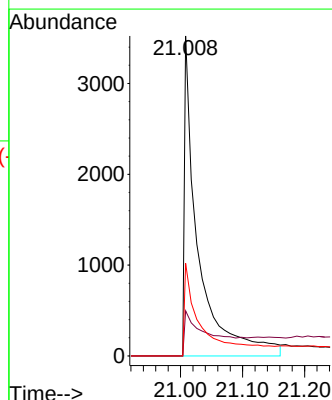
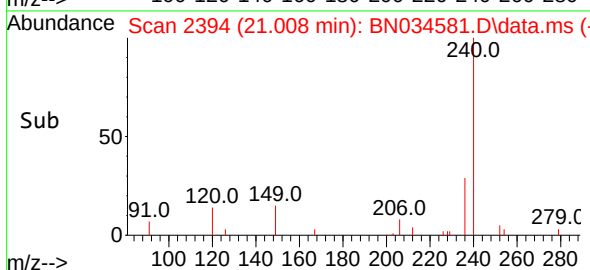
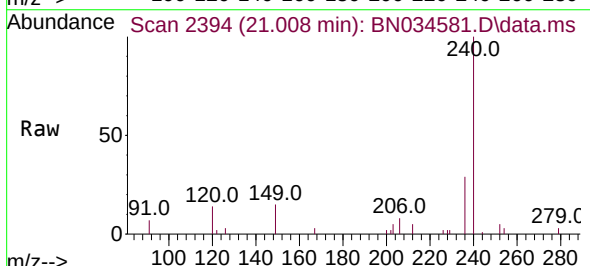
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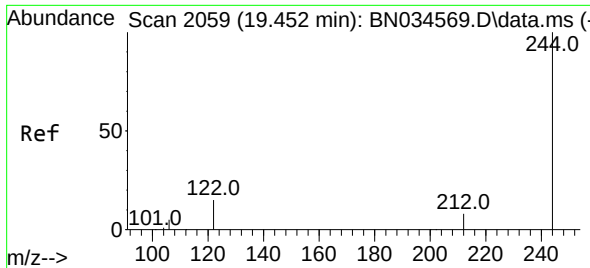
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 2394
Delta R.T. 0.000 min
Lab File: BN034581.D
Acq: 14 Oct 2024 21:06

Tgt Ion:240 Resp: 5557
Ion Ratio Lower Upper
240 100
120 14.1 10.1 15.1
236 28.9 22.6 34.0





#31
 Terphenyl-d14
 Concen: 0.391 ng
 RT: 19.443 min Scan# 2057
 Delta R.T. -0.009 min
 Lab File: BN034581.D
 Acq: 14 Oct 2024 21:06

Instrument :

BNA_N

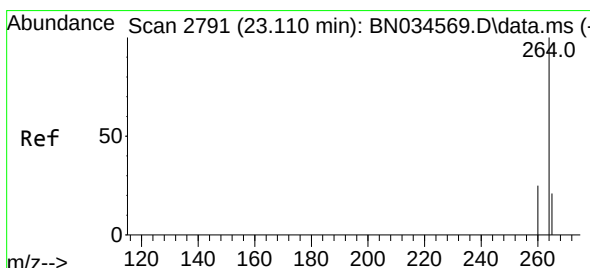
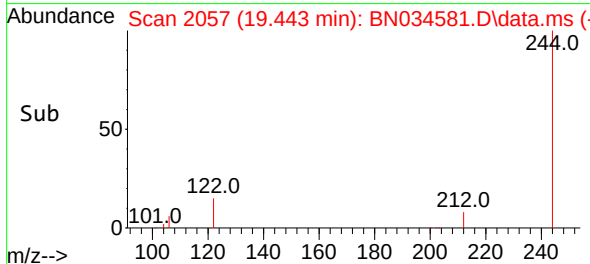
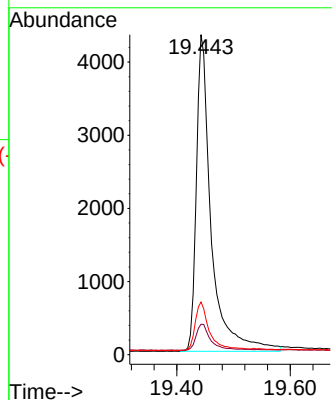
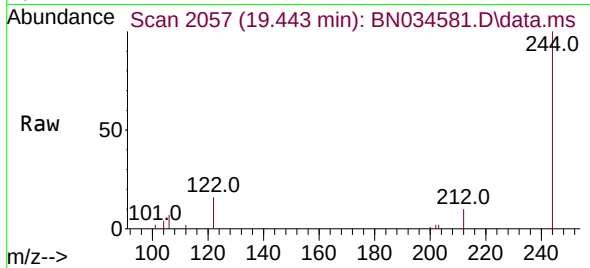
ClientSampleId :

PB163828BL

Tgt Ion:244 Resp: 783
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.7 11.5
 122 16.4 12.6 19.0

Manual Integrations
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Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :mohammad ahmed 10/15/2024



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.104 min Scan# 2789
 Delta R.T. -0.006 min
 Lab File: BN034581.D
 Acq: 14 Oct 2024 21:06

Tgt Ion:264 Resp: 11603
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.9 31.3
 265 74.3 61.6 92.4

