

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
 Data File : BN034546.D
 Acq On : 11 Oct 2024 07:27
 Operator : RC/JU
 Sample : P4231-01DL 2X
 Misc :
 ALS Vial : 122 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D-20240924DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/11/2024
 Supervised By :mohammad ahmed 10/14/2024

Quant Time: Oct 11 07:57:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 00:21:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	3893	0.400	ng	0.00
7) Naphthalene-d8	10.137	136	11437	0.400	ng	0.01
13) Acenaphthene-d10	14.030	164	6850	0.400	ng	0.01
19) Phenanthrene-d10	16.783	188	12995	0.400	ng	# 0.00
29) Chrysene-d12	21.008	240	7759	0.400	ng	0.00
35) Perylene-d12	23.116	264	9721	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	558	0.051	ng	0.00
5) Phenol-d6	6.643	99	242m	0.019	ng	0.07
8) Nitrobenzene-d5	8.557	82	958m	0.110	ng	0.04
11) 2-Methylnaphthalene-d10	11.750	152	2412m	0.143	ng	0.02
14) 2,4,6-Tribromophenol	15.555	330	310	0.100	ng	0.02
15) 2-Fluorobiphenyl	12.651	172	4063	0.146	ng	0.01
27) Fluoranthene-d10	18.829	212	5441	0.166	ng	0.00
31) Terphenyl-d14	19.452	244	4123	0.266	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	13138	2.699	ng	98

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

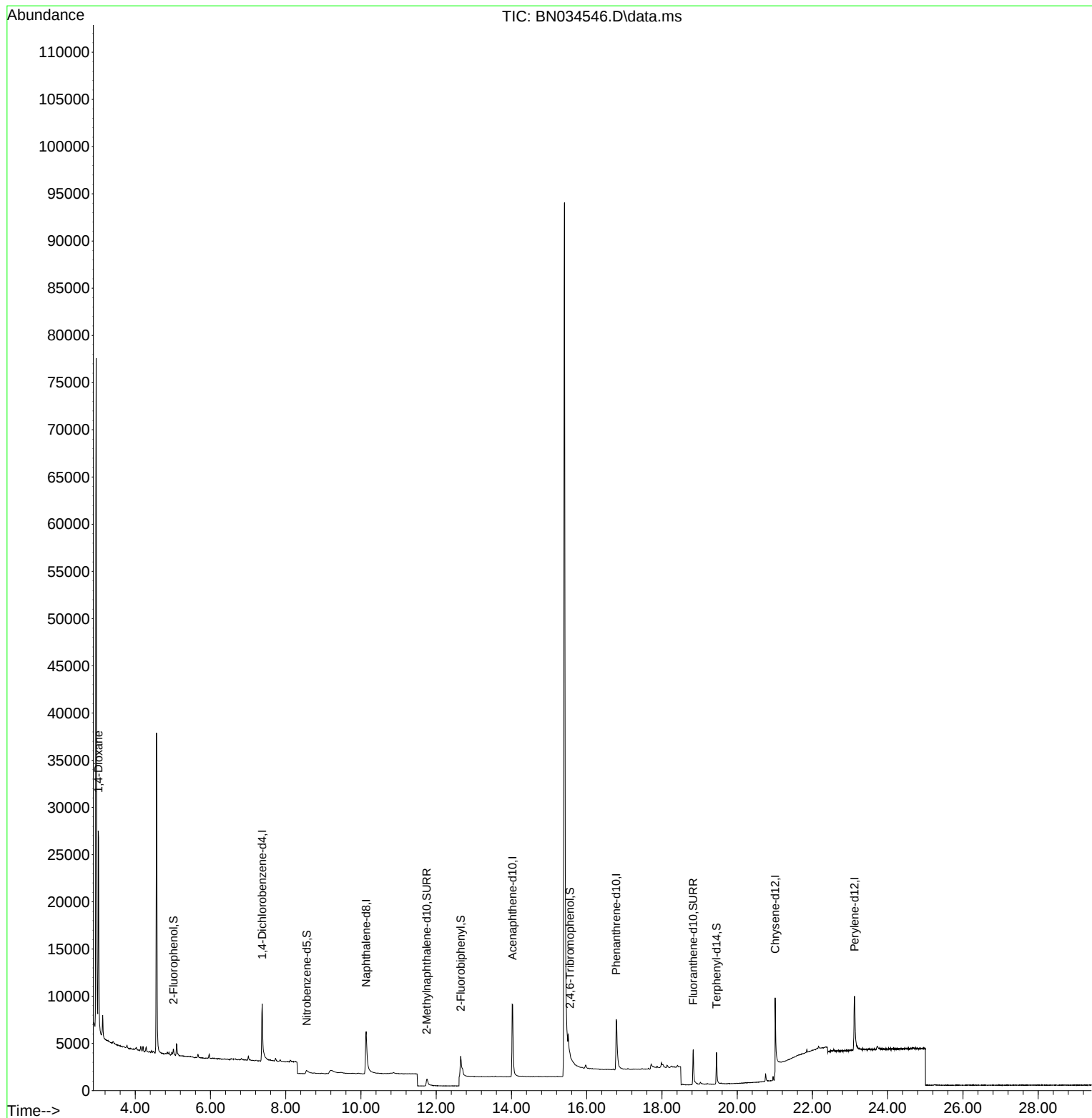
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
Data File : BN034546.D
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QLast Update : Fri Oct 11 00:21:08 2024
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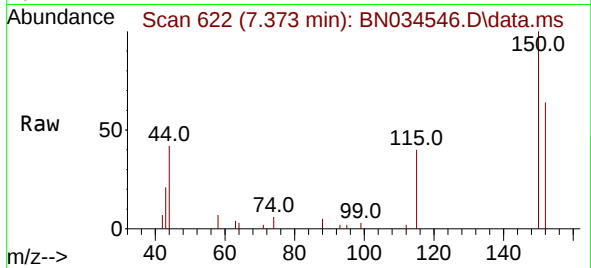
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.373 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN034546.D
 Acq: 11 Oct 2024 07:27

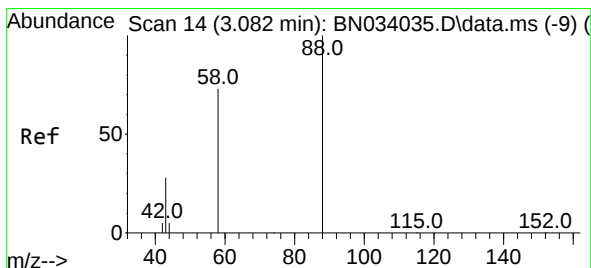
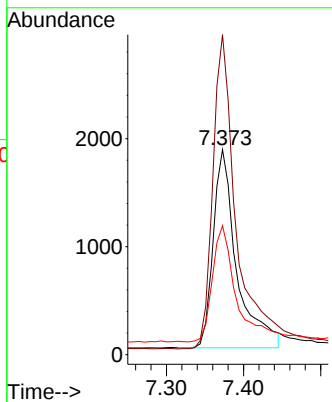
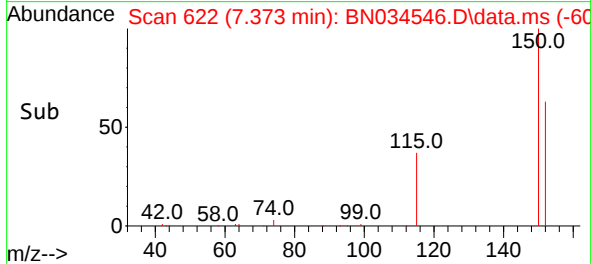
Instrument :
 BNA_N
 ClientSampleId :
 TT101D-20240924DL



Tgt Ion: 152 Resp: 389
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.6 187.0
 115 62.9 50.0 75.0

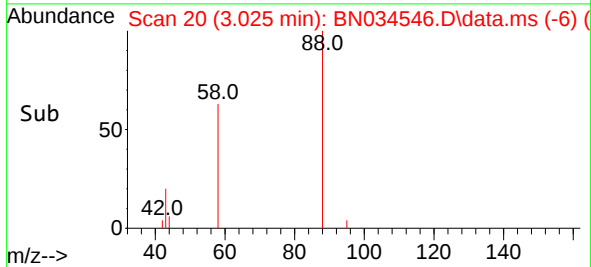
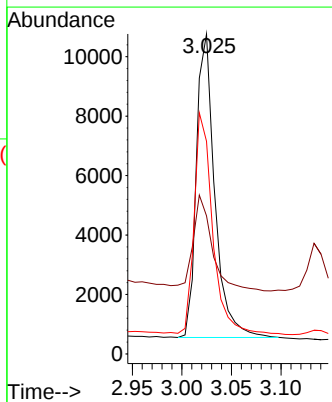
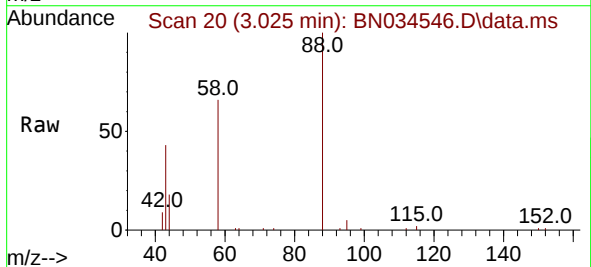
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 Supervised By :mohammad ahmed 10/14/2024



#2
 1,4-Dioxane
 Concen: 2.699 ng
 RT: 3.025 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BN034546.D
 Acq: 11 Oct 2024 07:27

Tgt Ion: 88 Resp: 13138
 Ion Ratio Lower Upper
 88 100
 43 33.4 25.8 38.8
 58 72.4 58.8 88.2





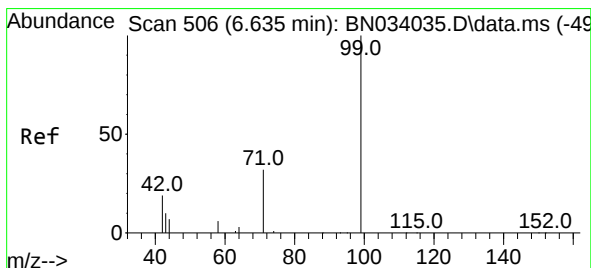
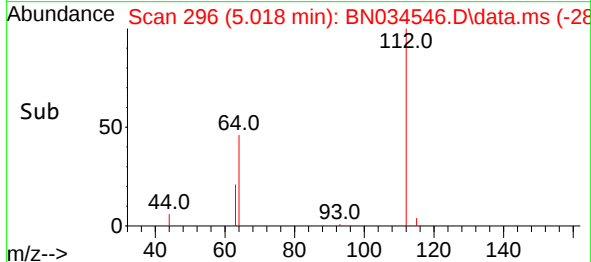
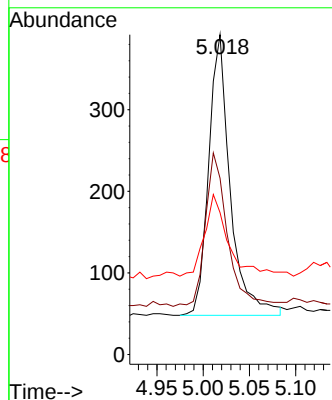
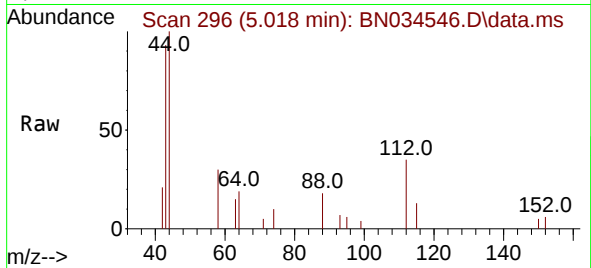
#4
2-Fluorophenol
Concen: 0.051 ng
RT: 5.018 min Scan# 24
Delta R.T. 0.007 min
Lab File: BN034546.D
Acq: 11 Oct 2024 07:27

Instrument :
BNA_N
ClientSampleId :
TT101D-20240924DL

Tgt Ion:112 Resp: 558
Ion Ratio Lower Upper
112 100
64 55.7 48.6 72.8
63 31.9 25.6 38.4

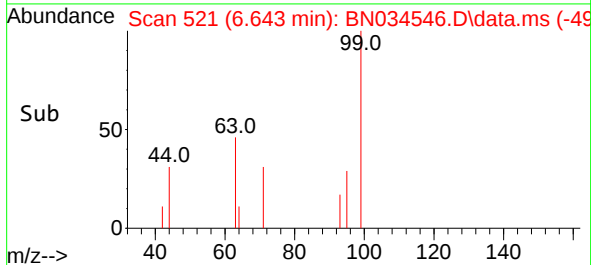
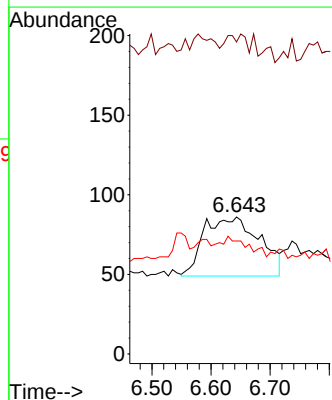
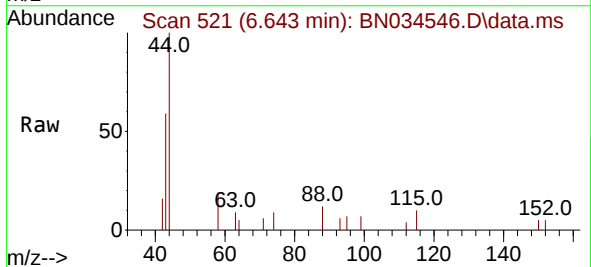
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#5
Phenol-d6
Concen: 0.019 ng m
RT: 6.643 min Scan# 521
Delta R.T. 0.072 min
Lab File: BN034546.D
Acq: 11 Oct 2024 07:27

Tgt Ion: 99 Resp: 242
Ion Ratio Lower Upper
99 100
42 10.7 17.8 26.8#
71 3.3 26.2 39.2#





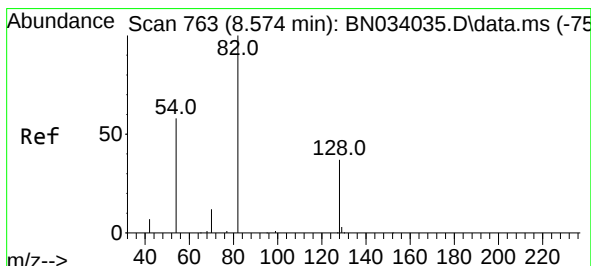
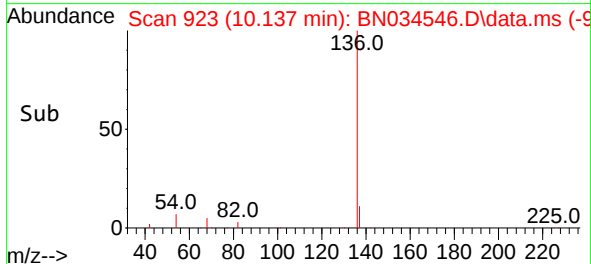
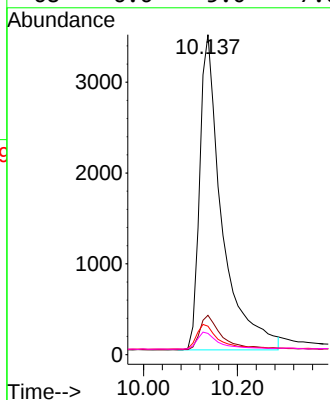
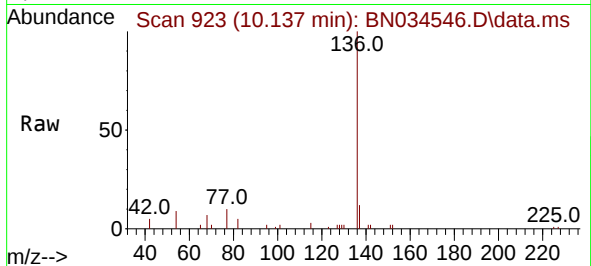
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 915
Delta R.T. 0.011 min
Lab File: BN034546.D
Acq: 11 Oct 2024 07:27

Instrument :
BNA_N
ClientSampleId :
TT101D-20240924DL

Tgt Ion:	136	Resp:	1143
Ion Ratio	Lower	Upper	
136	100		
137	12.3	9.0	13.6
54	8.9	6.8	10.2
68	6.6	5.0	7.6

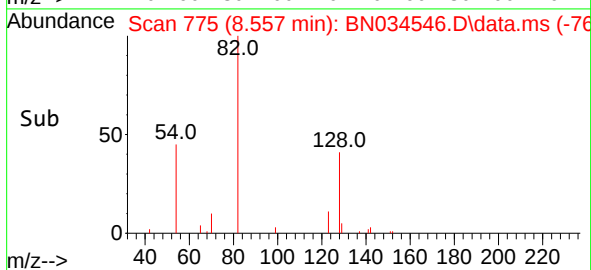
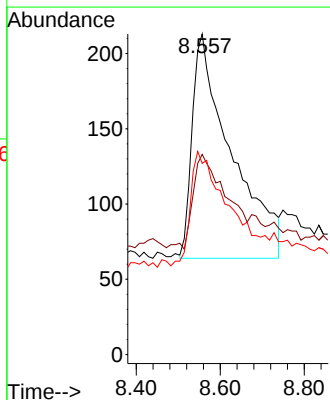
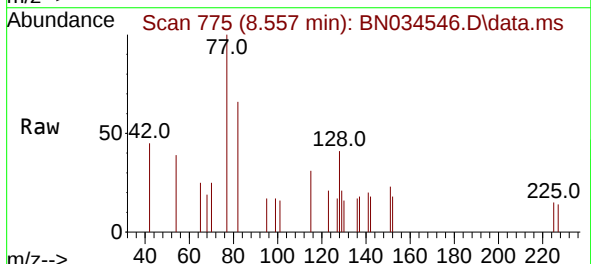
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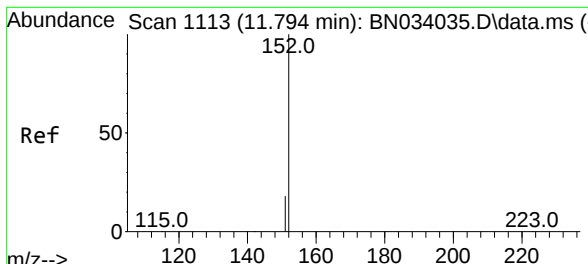
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024



#8
Nitrobenzene-d5
Concen: 0.110 ng m
RT: 8.557 min Scan# 775
Delta R.T. 0.043 min
Lab File: BN034546.D
Acq: 11 Oct 2024 07:27

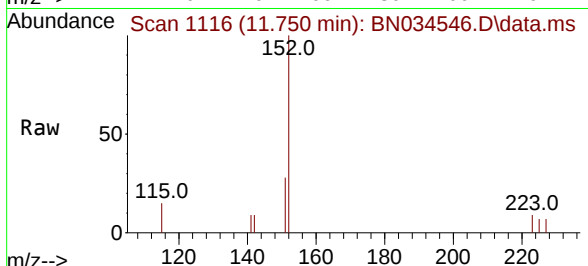
Tgt Ion:	82	Resp:	958
Ion Ratio	Lower	Upper	
82	100		
128	62.4	31.4	47.2#
54	59.6	47.4	71.0





#11
2-Methylnaphthalene-d10
Concen: 0.143 ng m
RT: 11.750 min Scan# 1116
Delta R.T. 0.023 min
Lab File: BN034546.D
Acq: 11 Oct 2024 07:27

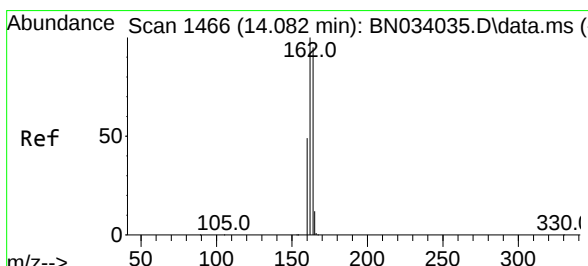
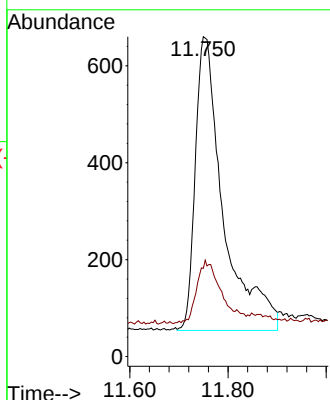
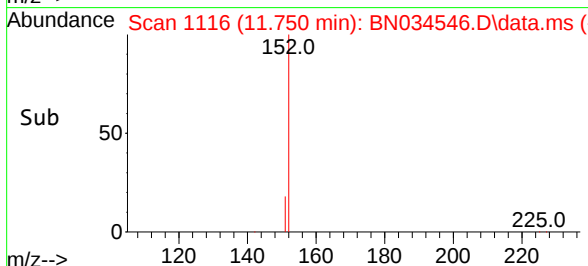
Instrument :
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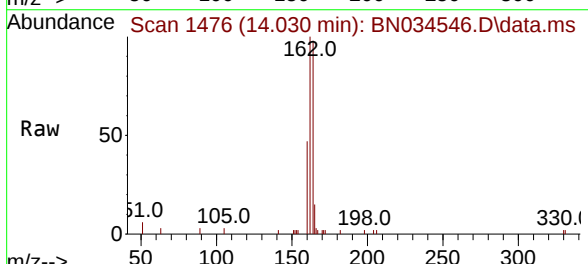
Tgt Ion:152 Resp: 241
Ion Ratio Lower Upper
152 100
151 17.7 16.8 25.2

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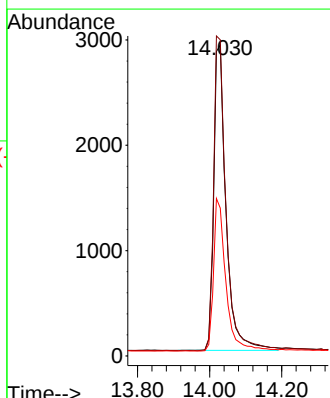
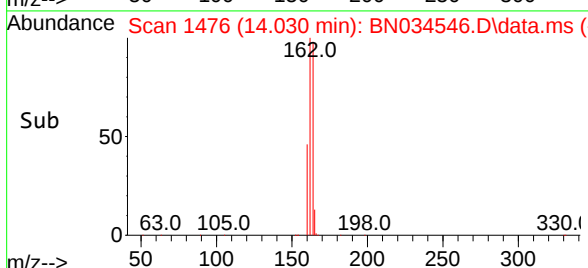
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.030 min Scan# 1476
Delta R.T. 0.014 min
Lab File: BN034546.D
Acq: 11 Oct 2024 07:27



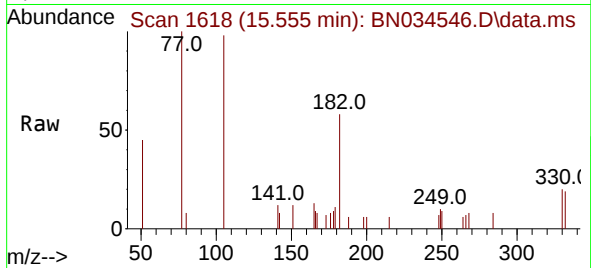
Tgt Ion:164 Resp: 6850
Ion Ratio Lower Upper
164 100
162 101.7 84.2 126.2
160 47.6 41.7 62.5





#14
2,4,6-Tribromophenol
Concen: 0.100 ng
RT: 15.555 min Scan# 1618
Delta R.T. 0.018 min
Lab File: BN034546.D
Acq: 11 Oct 2024 07:27

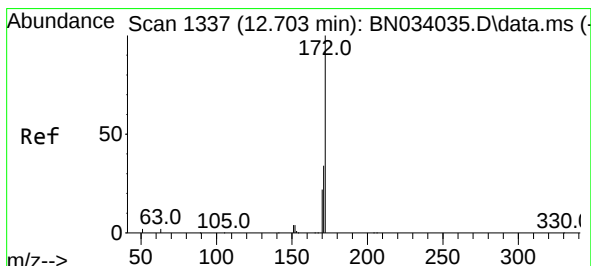
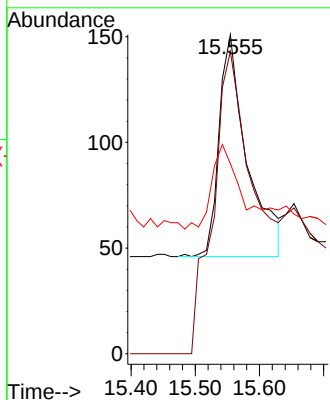
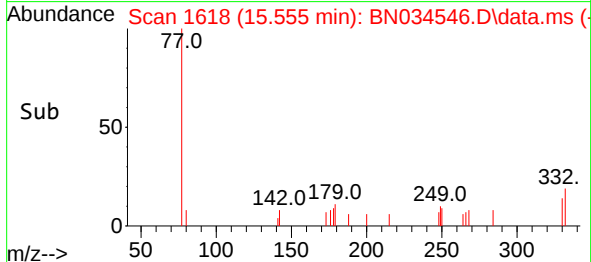
Instrument :
BNA_N
ClientSampleId :
TT101D-20240924DL



Tgt Ion: 330 Resp: 310
Ion Ratio Lower Upper
330 100
332 212.3 77.4 116.0
141 38.1 35.9 53.9

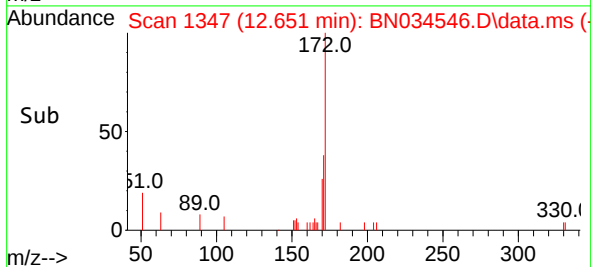
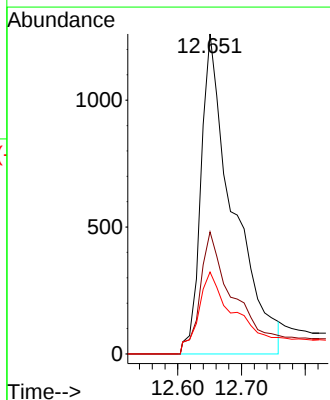
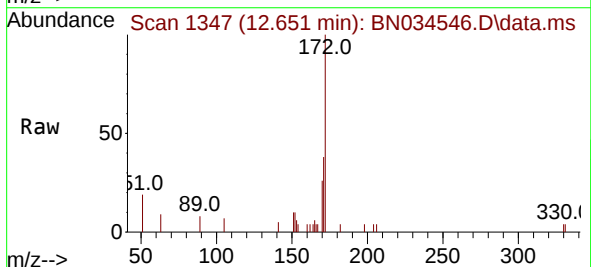
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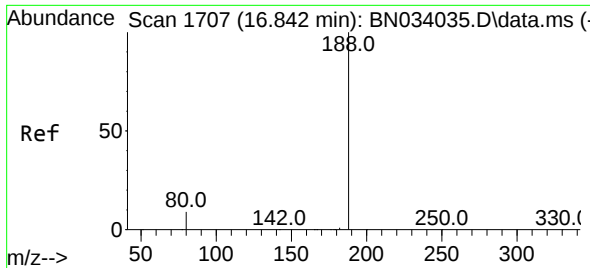
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024



#15
2-Fluorobiphenyl
Concen: 0.146 ng
RT: 12.651 min Scan# 1347
Delta R.T. 0.014 min
Lab File: BN034546.D
Acq: 11 Oct 2024 07:27

Tgt Ion: 172 Resp: 4063
Ion Ratio Lower Upper
172 100
171 38.1 27.3 40.9
170 25.6 18.1 27.1





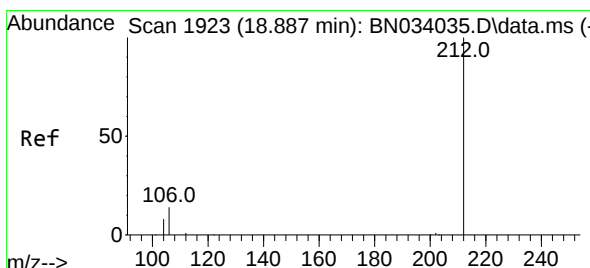
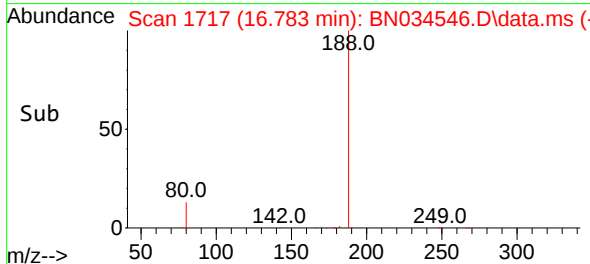
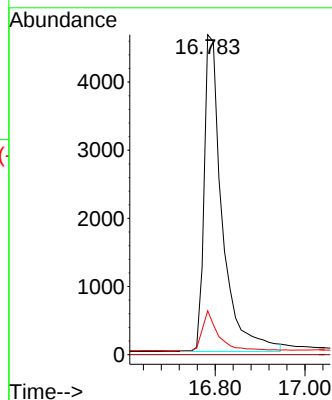
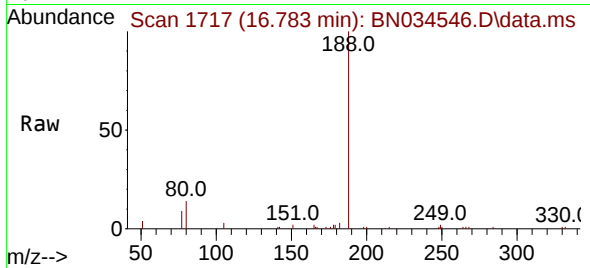
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.783 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN034546.D
Acq: 11 Oct 2024 07:27

Instrument :
BNA_N
ClientSampleId :
TT101D-20240924DL

Tgt Ion:188 Resp: 1299
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.7 7.4 11.0

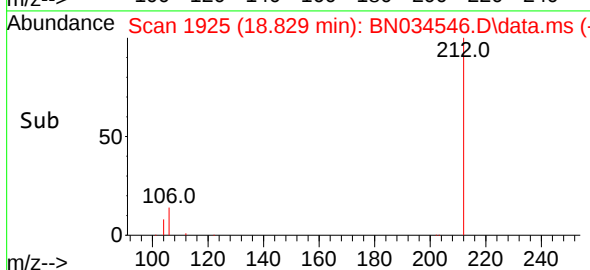
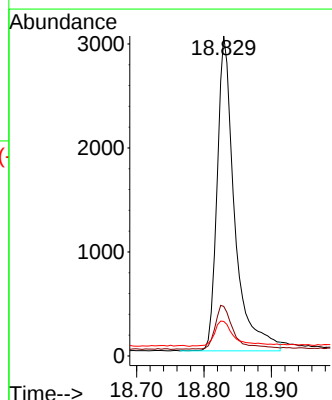
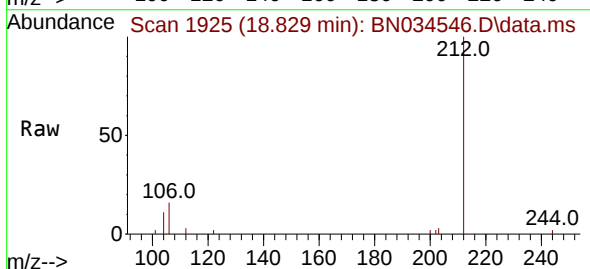
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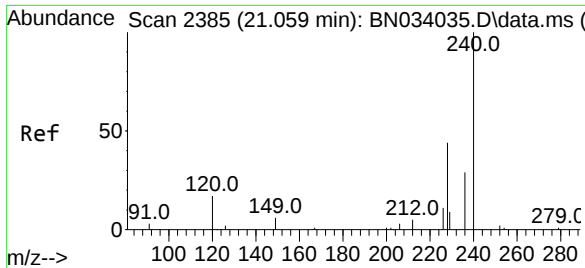
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024



#27
Fluoranthene-d10
Concen: 0.166 ng
RT: 18.829 min Scan# 1925
Delta R.T. 0.002 min
Lab File: BN034546.D
Acq: 11 Oct 2024 07:27

Tgt Ion:212 Resp: 5441
Ion Ratio Lower Upper
212 100
106 14.6 13.4 20.2
104 9.6 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.008 min Scan# 21

Delta R.T. 0.002 min

Lab File: BN034546.D

Acq: 11 Oct 2024 07:27

Instrument :

BNA_N

ClientSampleId :

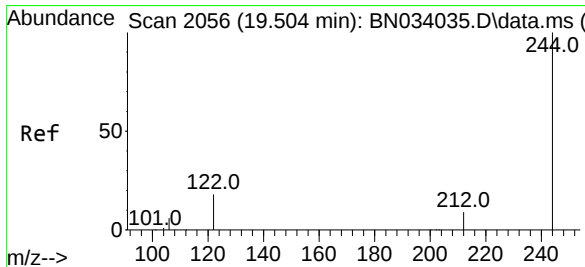
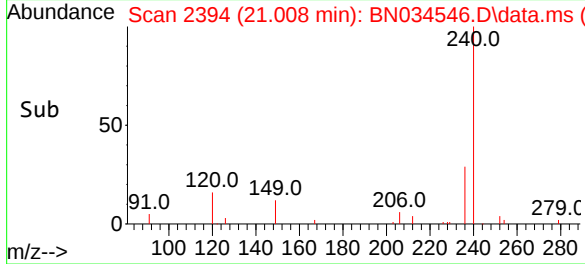
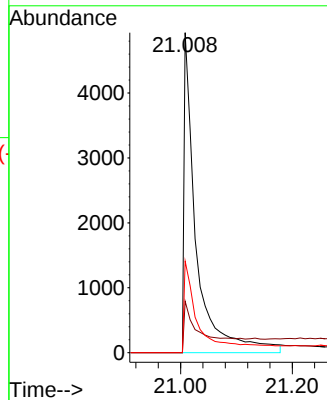
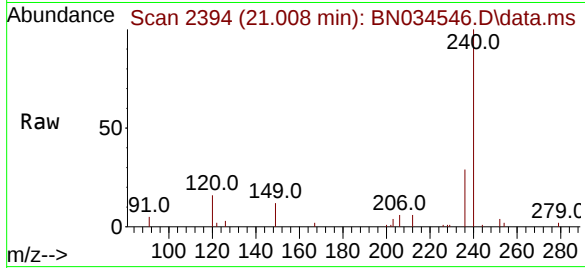
TT101D-20240924DL

Tgt Ion:240	Resp:	775
Ion Ratio	Lower	Upper
240	100	
120	16.0	13.5 20.3
236	28.6	23.4 35.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024



#31

Terphenyl-d14

Concen: 0.266 ng

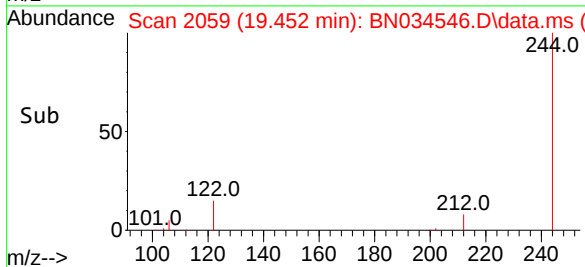
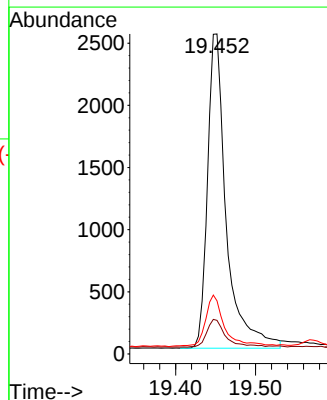
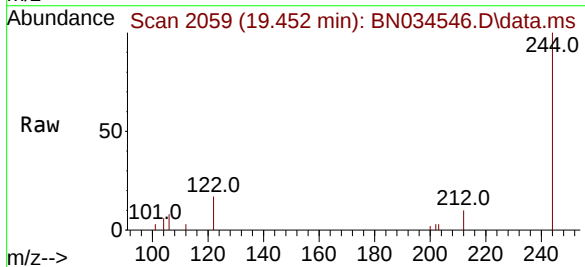
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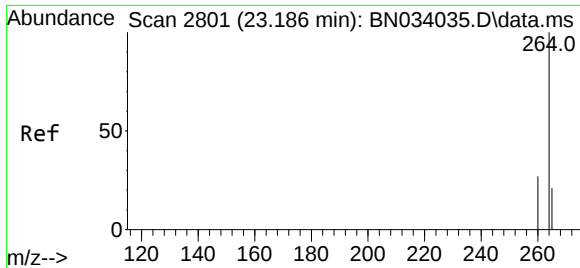
Delta R.T. 0.002 min

Lab File: BN034546.D

Acq: 11 Oct 2024 07:27

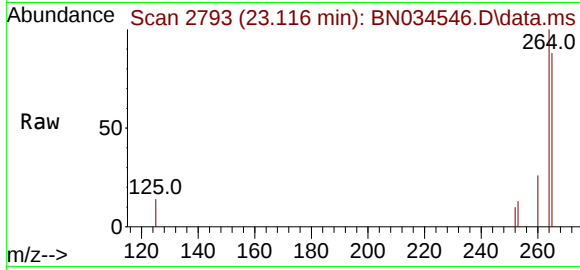
Tgt Ion:244	Resp:	4123
Ion Ratio	Lower	Upper
244	100	
212	10.5	7.8 11.6
122	16.6	14.8 22.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.116 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BN034546.D
 Acq: 11 Oct 2024 07:27

Instrument :
 BNA_N
 ClientSampleId :
 TT101D-20240924DL



Tgt Ion:264 Resp: 972
 Ion Ratio Lower Upper
 264 100
 260 26.2 21.7 32.5
 265 88.5 52.1 78.1

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