

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091024\
 Data File : BN033841.D
 Acq On : 10 Sep 2024 13:42
 Operator : MA/JU
 Sample : P3874-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT189D1-HYD-20240904RE

Quant Time: Sep 10 14:23:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 18:36:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
 Supervised By :mohammad ahmed 09/12/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.501	152	5080	0.400	ng	-0.01
7) Naphthalene-d8	10.261	136	13022	0.400	ng	#-0.01
13) Acenaphthene-d10	14.135	164	6071	0.400	ng	-0.02
19) Phenanthrene-d10	16.892	188	12039	0.400	ng	-0.01
29) Chrysene-d12	21.103	240	9041	0.400	ng	0.00
35) Perylene-d12	23.259	264	8233	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.147	112	745	0.048	ng	0.00
5) Phenol-d6	6.736	99	25	0.001	ng	0.03
8) Nitrobenzene-d5	8.638	82	3471	0.313	ng	-0.01
11) 2-Methylnaphthalene-d10	11.858	152	101m	0.005	ng	-0.02
14) 2,4,6-Tribromophenol	15.638	330	687	0.224	ng	-0.01
15) 2-Fluorobiphenyl	12.756	172	8208	0.324	ng	-0.01
27) Fluoranthene-d10	18.938	212	8778	0.296	ng	0.00
31) Terphenyl-d14	19.551	244	8226	0.427	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.154	88	4205	0.728	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.050	149	1038	0.059	ng	# 98

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

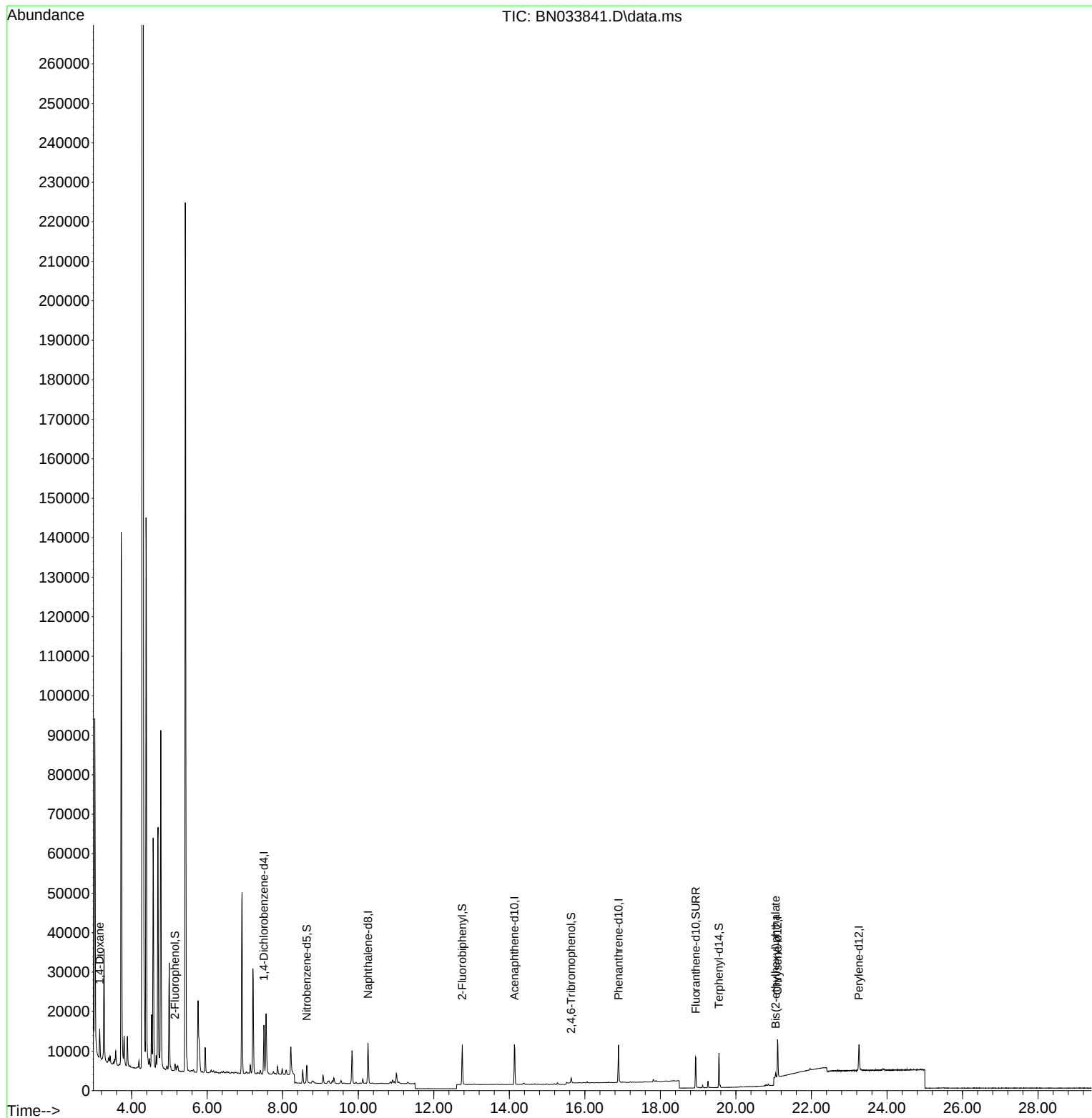
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091024\
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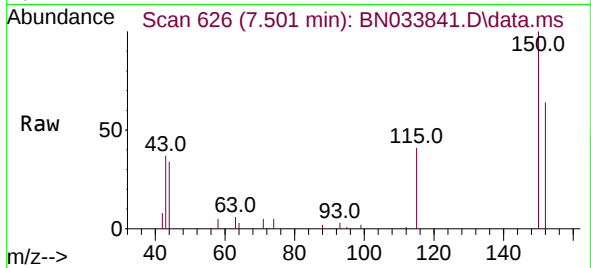
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.501 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN033841.D
 Acq: 10 Sep 2024 13:42

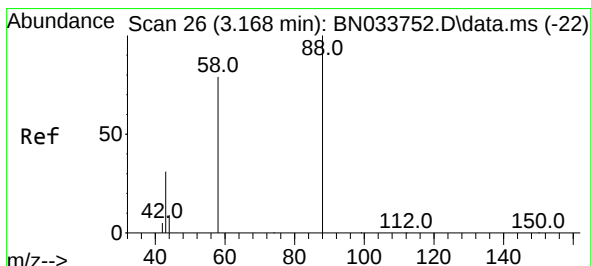
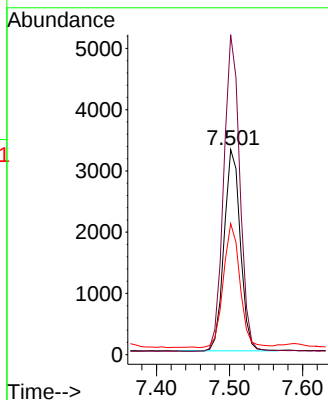
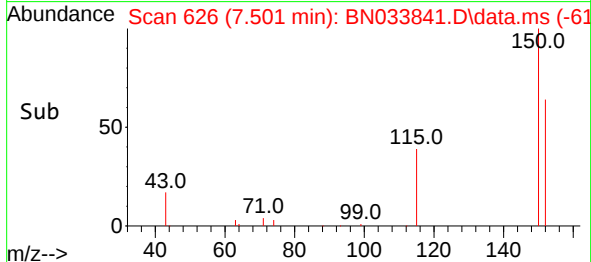
Instrument : BNA_N
 ClientSampleId : TT189D1-HYD-20240904RE



Tgt Ion:152 Resp: 5080
 Ion Ratio Lower Upper
 152 100
 150 156.0 123.3 184.9
 115 63.9 51.0 76.4

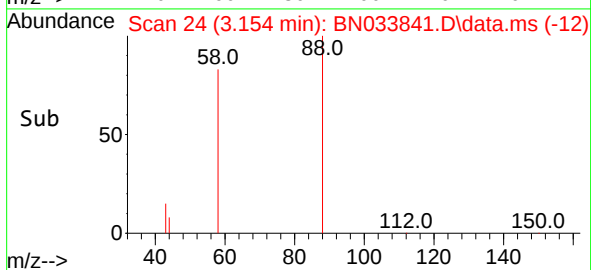
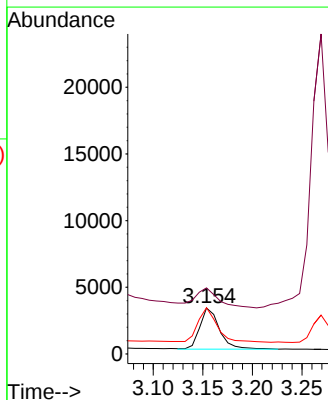
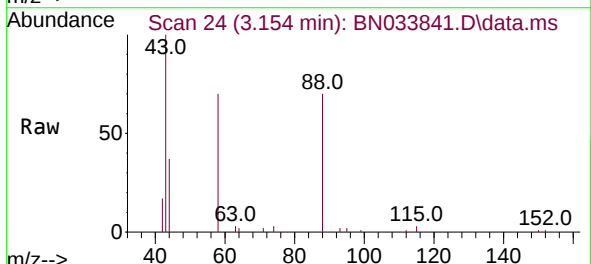
Manual Integrations
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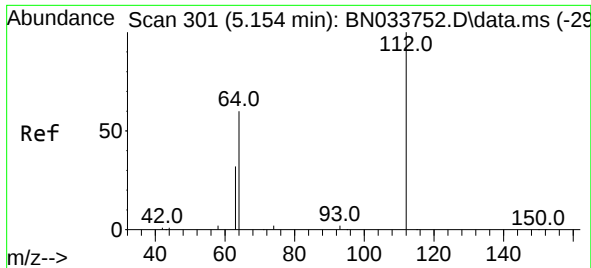
Reviewed By :Jagrut Upadhyay 09/11/2024
 Supervised By :mohammad ahmed 09/12/2024



#2
 1,4-Dioxane
 Concen: 0.728 ng
 RT: 3.154 min Scan# 24
 Delta R.T. -0.014 min
 Lab File: BN033841.D
 Acq: 10 Sep 2024 13:42

Tgt Ion: 88 Resp: 4205
 Ion Ratio Lower Upper
 88 100
 43 54.9 29.0 43.4#
 58 82.4 64.1 96.1





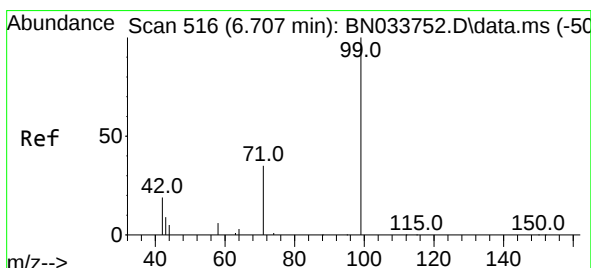
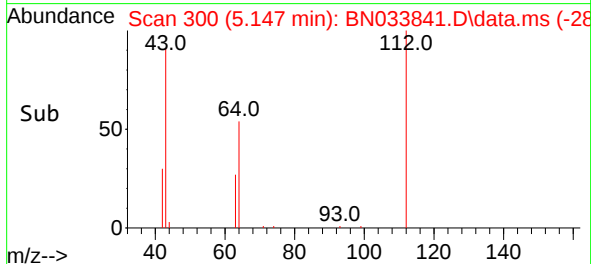
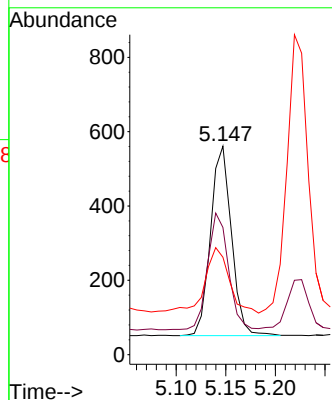
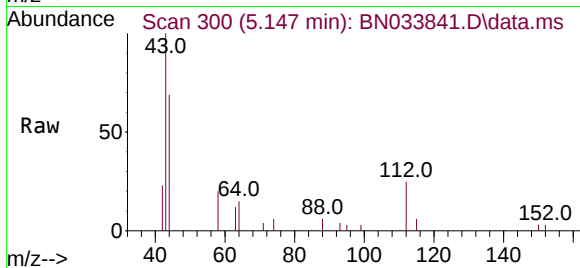
#4
2-Fluorophenol
Concen: 0.048 ng
RT: 5.147 min Scan# 301
Delta R.T. -0.007 min
Lab File: BN033841.D
Acq: 10 Sep 2024 13:42

Instrument :
BNA_N
ClientSampleId :
TT189D1-HYD-20240904RE

Tgt Ion: 112 Resp: 749
Ion Ratio Lower Upper
112 100
64 61.3 47.6 71.4
63 40.4 25.9 38.9

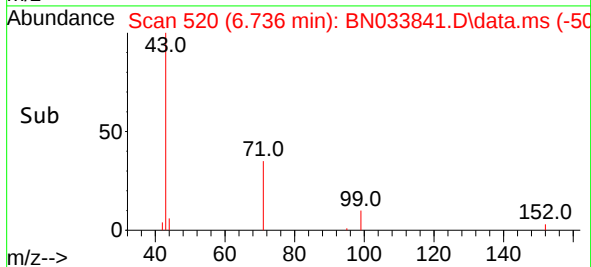
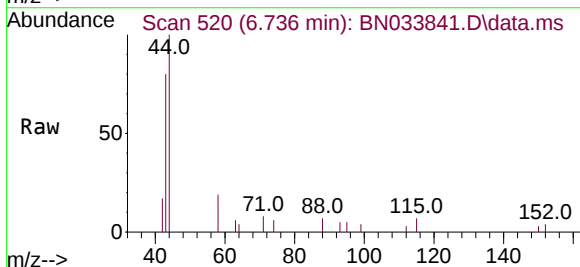
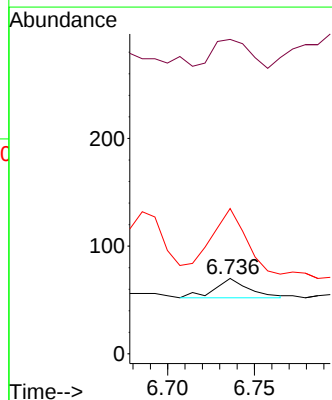
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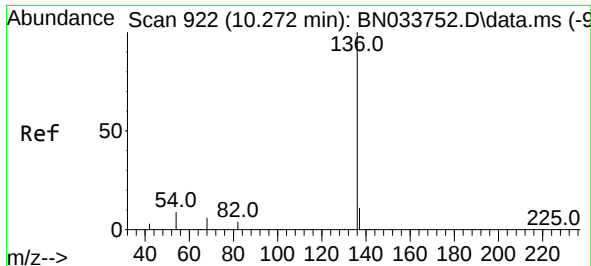
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#5
Phenol-d6
Concen: 0.001 ng
RT: 6.736 min Scan# 520
Delta R.T. 0.029 min
Lab File: BN033841.D
Acq: 10 Sep 2024 13:42

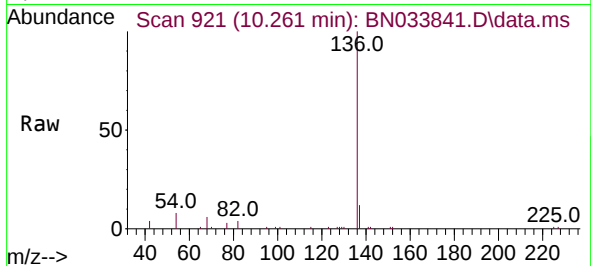
Tgt Ion: 99 Resp: 25
Ion Ratio Lower Upper
99 100
42 156.0 18.0 27.0#
71 352.0 28.7 43.1#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.261 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN033841.D
Acq: 10 Sep 2024 13:42

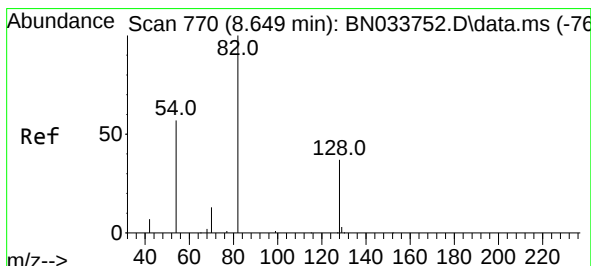
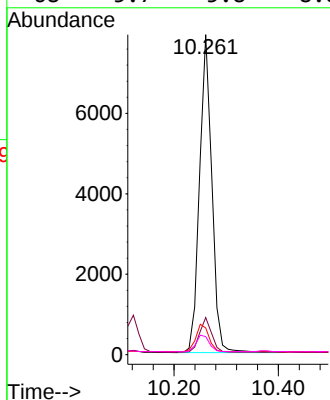
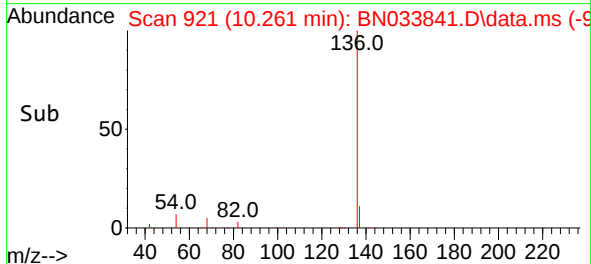
Instrument :
BNA_N
ClientSampleId :
TT189D1-HYD-20240904RE



Tgt Ion:136 Resp: 1302
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.4
54 8.4 8.1 12.1
68 5.7 5.8 8.8#

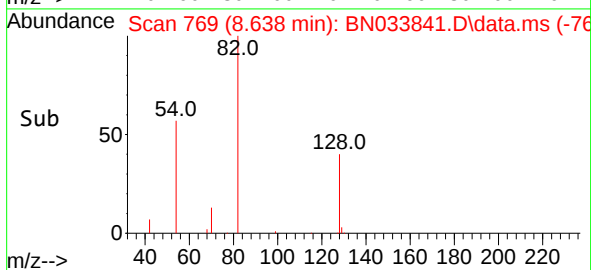
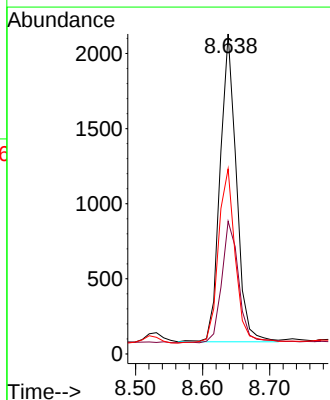
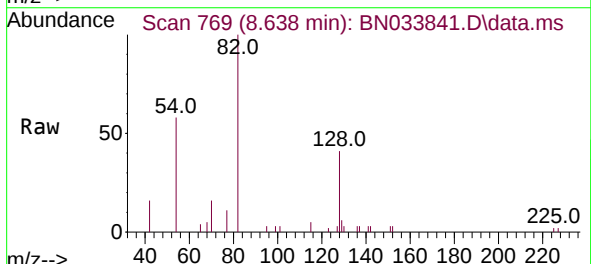
Manual Integrations
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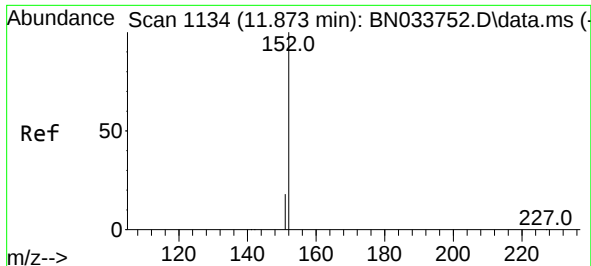
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#8
Nitrobenzene-d5
Concen: 0.313 ng
RT: 8.638 min Scan# 769
Delta R.T. -0.011 min
Lab File: BN033841.D
Acq: 10 Sep 2024 13:42

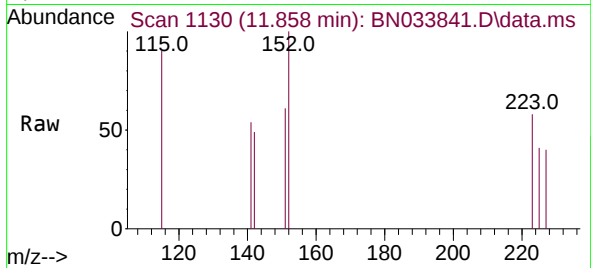
Tgt Ion: 82 Resp: 3471
Ion Ratio Lower Upper
82 100
128 41.5 31.3 46.9
54 57.8 46.9 70.3





#11
2-Methylnaphthalene-d10
Concen: 0.005 ng m
RT: 11.858 min Scan# 1134
Delta R.T. -0.015 min
Lab File: BN033841.D
Acq: 10 Sep 2024 13:42

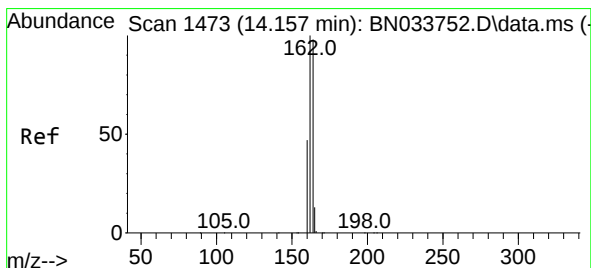
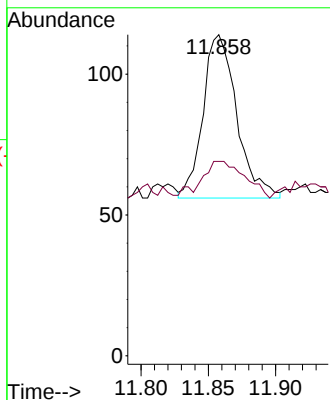
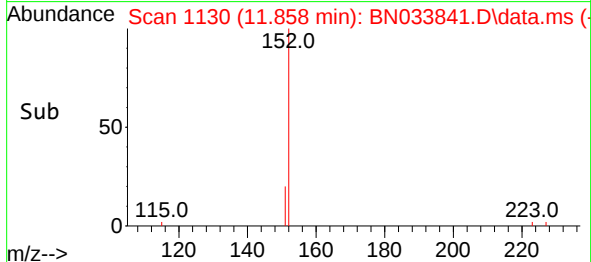
Instrument :
BNA_N
ClientSampleId :
TT189D1-HYD-20240904RE



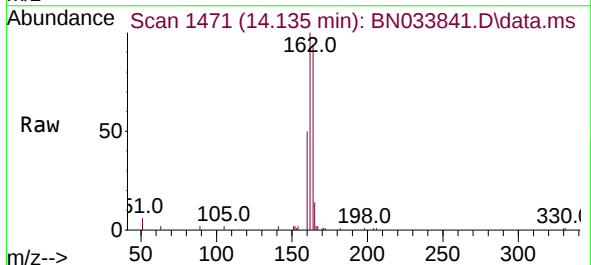
Tgt Ion:152 Resp: 100
Ion Ratio Lower Upper
152 100
151 1.0 16.7 25.1

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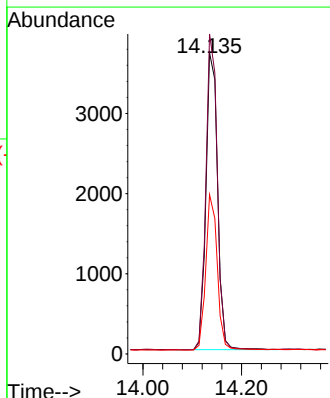
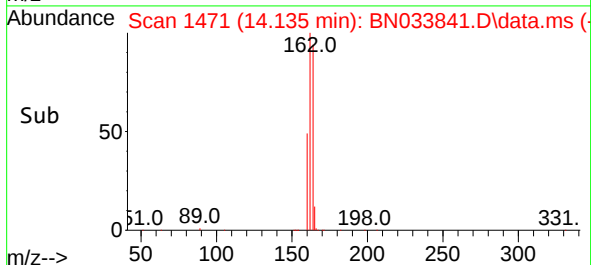
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Supervised By :mohammad ahmed 09/12/2024

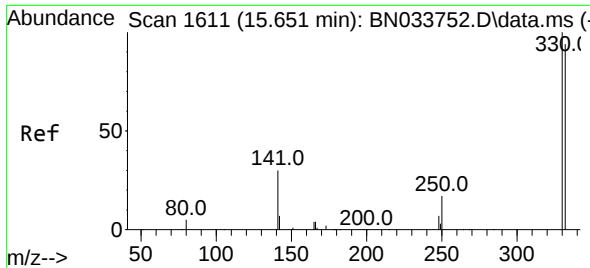


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.135 min Scan# 1471
Delta R.T. -0.022 min
Lab File: BN033841.D
Acq: 10 Sep 2024 13:42



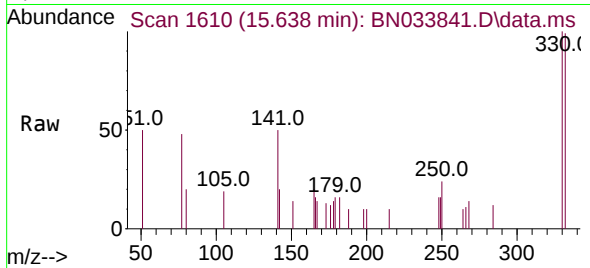
Tgt Ion:164 Resp: 6071
Ion Ratio Lower Upper
164 100
162 106.3 82.0 123.0
160 52.9 39.1 58.7





#14
2,4,6-Tribromophenol
Concen: 0.224 ng
RT: 15.638 min Scan# 1610
Delta R.T. -0.013 min
Lab File: BN033841.D
Acq: 10 Sep 2024 13:42

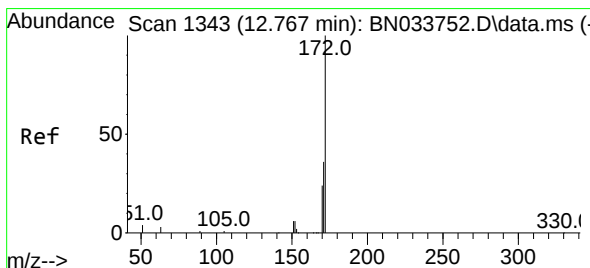
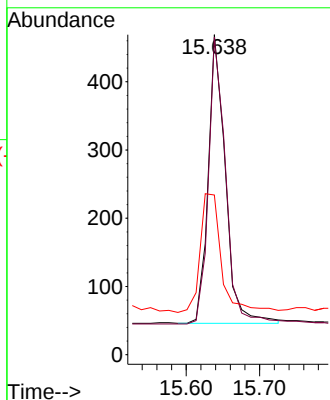
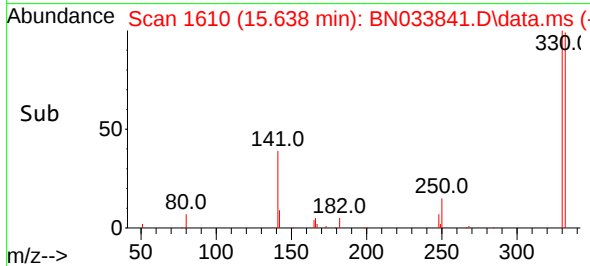
Instrument :
BNA_N
ClientSampleId :
TT189D1-HYD-20240904RE



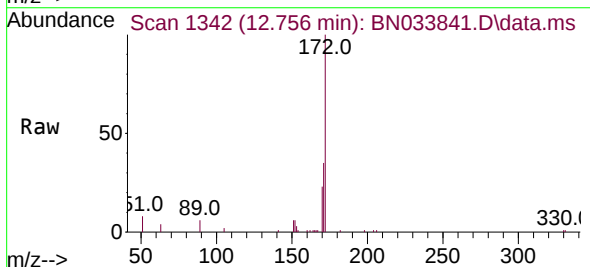
Tgt Ion: 330 Resp: 68
Ion Ratio Lower Upper
330 100
332 99.0 74.2 111.4
141 50.8 33.9 50.9

Manual Integrations
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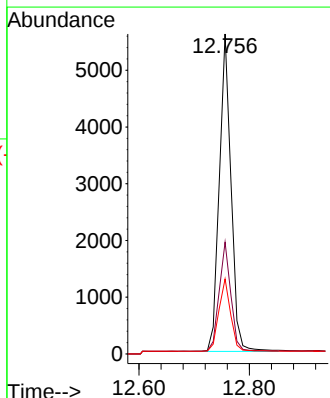
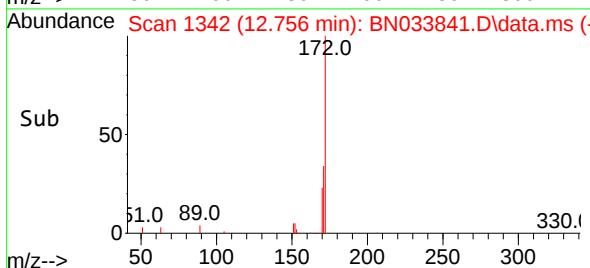
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Supervised By :mohammad ahmed 09/12/2024

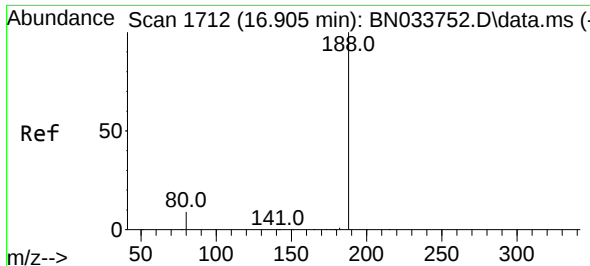


#15
2-Fluorobiphenyl
Concen: 0.324 ng
RT: 12.756 min Scan# 1342
Delta R.T. -0.011 min
Lab File: BN033841.D
Acq: 10 Sep 2024 13:42



Tgt Ion: 172 Resp: 8208
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 23.5 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.892 min Scan# 11

Delta R.T. -0.013 min

Lab File: BN033841.D

Acq: 10 Sep 2024 13:42

Instrument :

BNA_N

ClientSampleId :

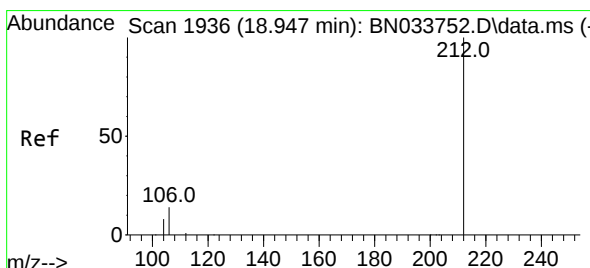
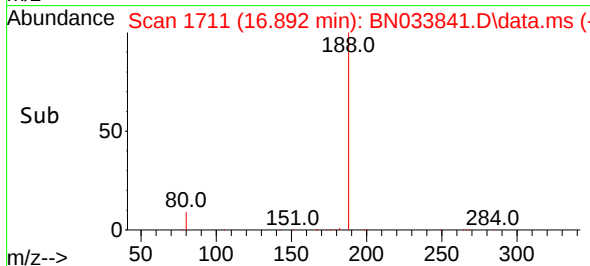
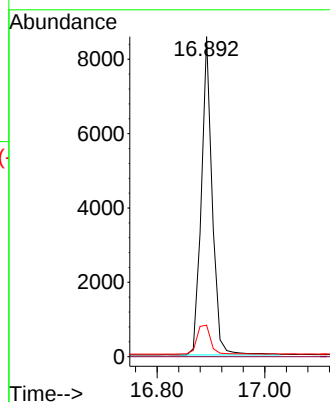
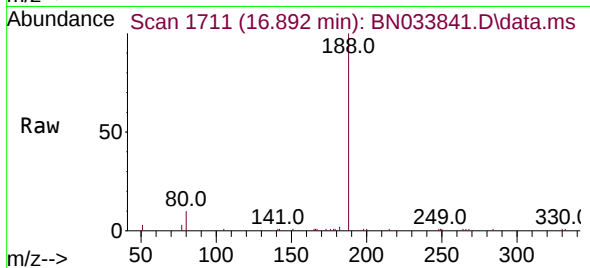
TT189D1-HYD-20240904RE

Tgt Ion:188	Resp:	12039
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	9.9	11.9

Manual Integrations

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Supervised By :mohammad ahmed 09/12/2024



#27

Fluoranthene-d10

Concen: 0.296 ng

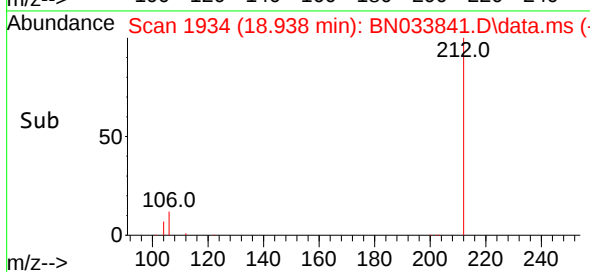
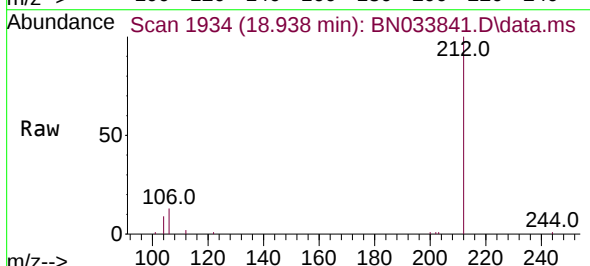
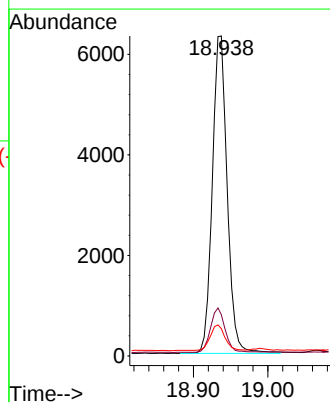
RT: 18.938 min Scan# 1934

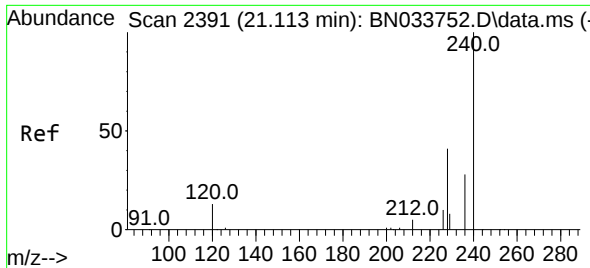
Delta R.T. -0.010 min

Lab File: BN033841.D

Acq: 10 Sep 2024 13:42

Tgt Ion:212	Resp:	8778
Ion Ratio	Lower	Upper
212	100	
106	13.8	11.5
104	7.9	6.6





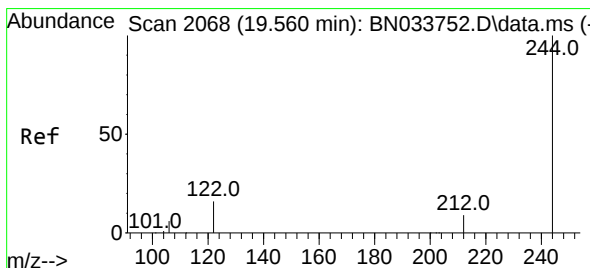
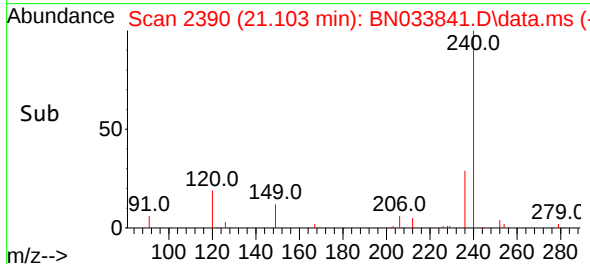
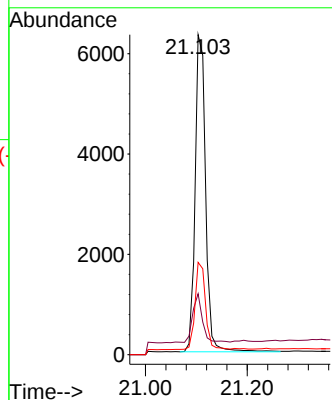
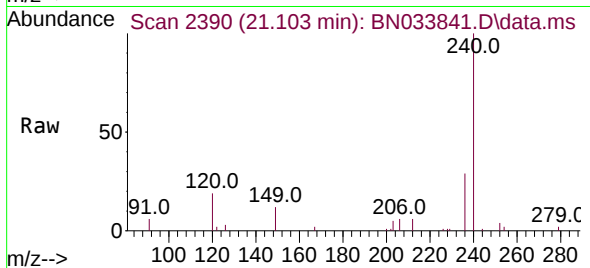
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.103 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN033841.D
Acq: 10 Sep 2024 13:42

Instrument :
BNA_N
ClientSampleId :
TT189D1-HYD-20240904RE

Tgt Ion:240 Resp: 904
Ion Ratio Lower Upper
240 100
120 19.0 13.7 20.5
236 28.9 23.4 35.2

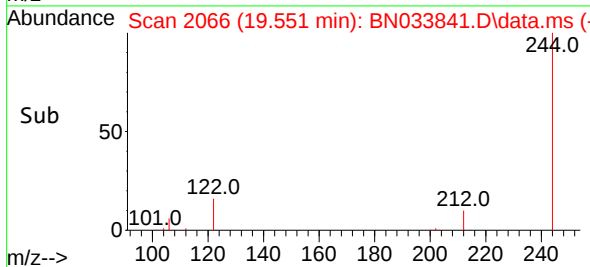
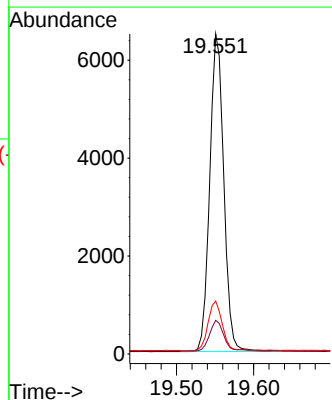
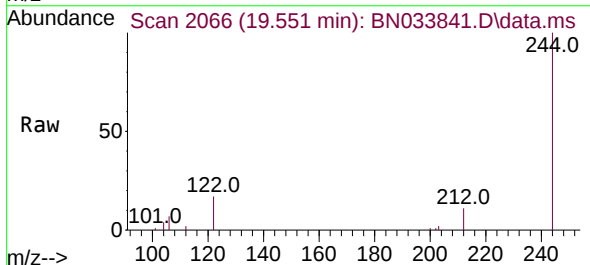
Manual Integrations
APPROVED

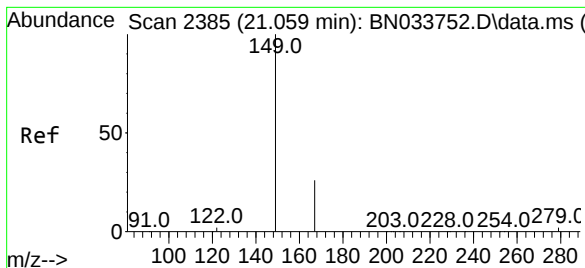
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#31
Terphenyl-d14
Concen: 0.427 ng
RT: 19.551 min Scan# 2066
Delta R.T. -0.010 min
Lab File: BN033841.D
Acq: 10 Sep 2024 13:42

Tgt Ion:244 Resp: 8226
Ion Ratio Lower Upper
244 100
212 10.5 7.9 11.9
122 16.6 13.2 19.8





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.059 ng

RT: 21.050 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN033841.D

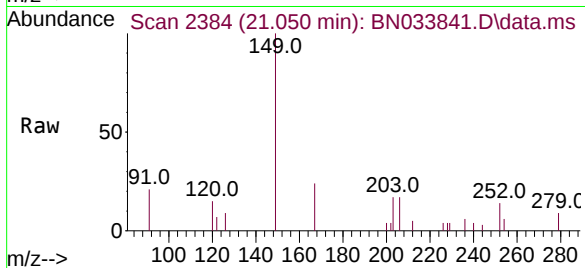
Acq: 10 Sep 2024 13:42

Instrument :

BNA_N

ClientSampleId :

TT189D1-HYD-20240904RE



Tgt Ion:149 Resp: 1038

Ion Ratio Lower Upper

149 100

167 25.8 21.0 31.4

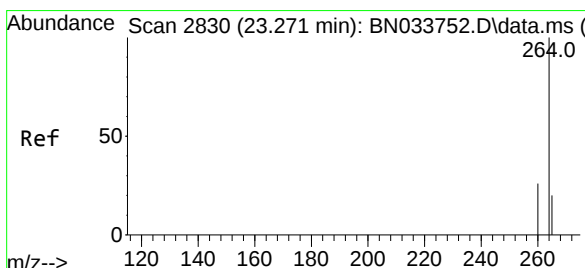
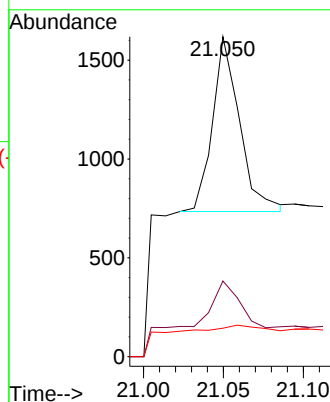
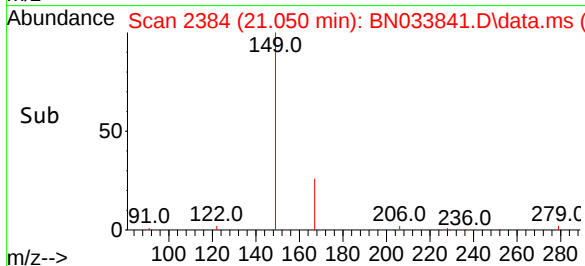
279 0.0 2.4 3.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024

Supervised By :mohammad ahmed 09/12/2024



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.259 min Scan# 2826

Delta R.T. -0.012 min

Lab File: BN033841.D

Acq: 10 Sep 2024 13:42

Tgt Ion:264 Resp: 8233

Ion Ratio Lower Upper

264 100

260 26.0 21.1 31.7

265 90.5 72.0 108.0

