

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082624\
 Data File : BN033624.D
 Acq On : 26 Aug 2024 16:20
 Operator : MA/JU
 Sample : P3706-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-10A-9.5-082024

Quant Time: Aug 26 17:12:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 00:22:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/27/2024
 Supervised By :mohammad ahmed 08/28/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.538	152	6632	0.400	ng	0.00
7) Naphthalene-d8	10.304	136	18507	0.400	ng	# 0.00
13) Acenaphthene-d10	14.178	164	9705	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	20610	0.400	ng	0.00
29) Chrysene-d12	21.139	240	19237	0.400	ng	0.00
35) Perylene-d12	23.309	264	21439	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.176	112	1711	0.081	ng	0.00
5) Phenol-d6	6.729	99	1424	0.057	ng	0.00
8) Nitrobenzene-d5	8.670	82	3372	0.220	ng	-0.01
11) 2-Methylnaphthalene-d10	11.899	152	5196	0.196	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	1474	0.283	ng	0.00
15) 2-Fluorobiphenyl	12.788	172	9749	0.246	ng	-0.01
27) Fluoranthene-d10	18.970	212	13163	0.266	ng	0.00
31) Terphenyl-d14	19.583	244	18366	0.420	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	1129	0.148	ng	# 77
24) Pentachlorophenol	16.582	266	1474	0.246	ng	97
25) Phenanthrene	16.966	178	1450m	0.025	ng	
34) Bis(2-ethylhexyl)phtha...	21.086	149	33342m	0.757	ng	

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

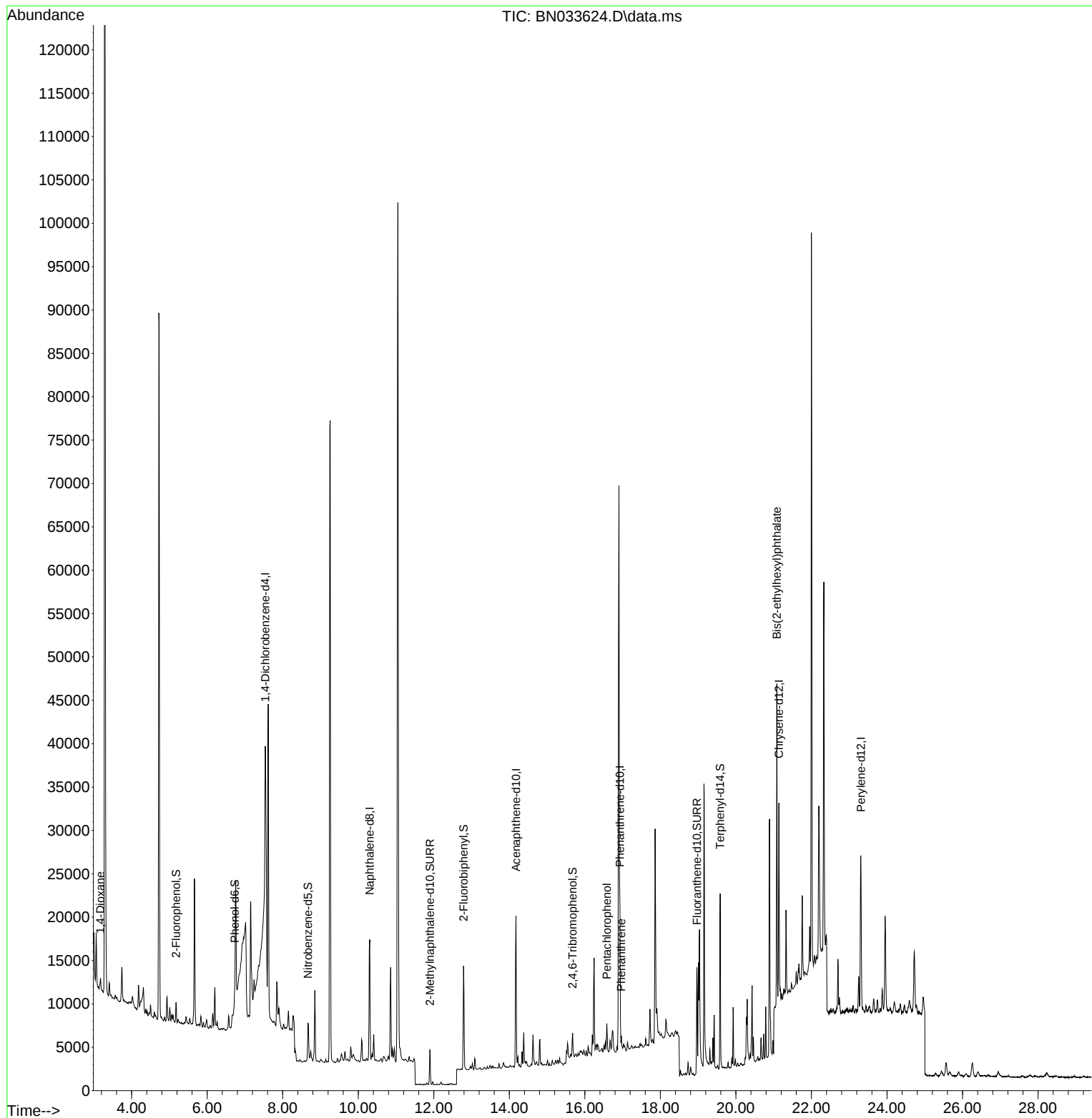
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Data File : BN033624.D
Acq On : 26 Aug 2024 16:20
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ALS Vial : 8 Sample Multiplier: 1

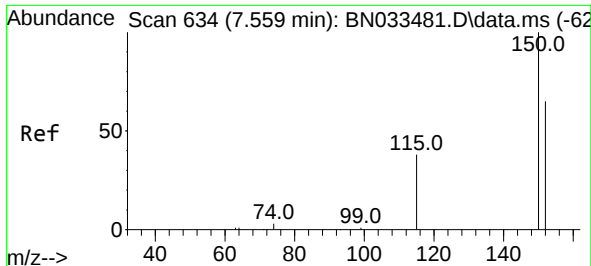
Instrument :
BNA_N
ClientSampleId :
MW-10A-9.5-082024

Manual Integrations
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Supervised By :mohammad ahmed 08/28/2024

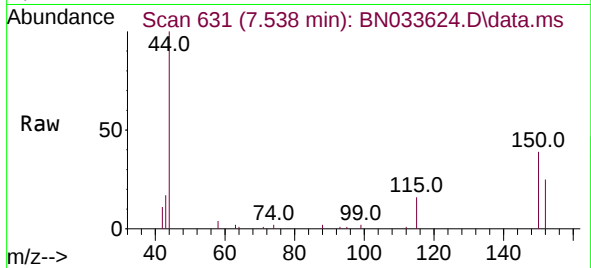
Quant Time: Aug 26 17:12:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 00:22:18 2024
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.538 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN033624.D
 Acq: 26 Aug 2024 16:20

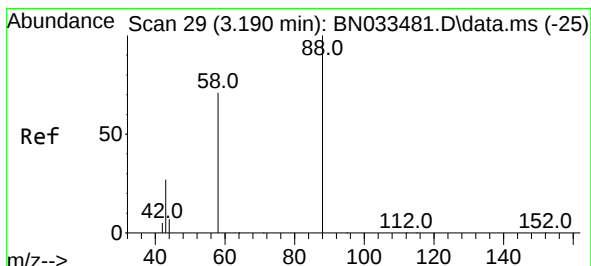
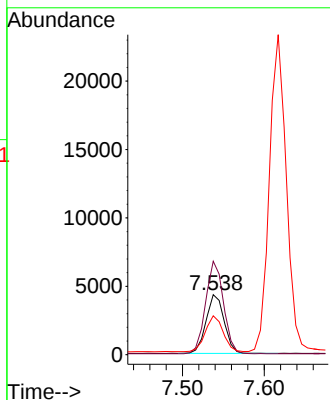
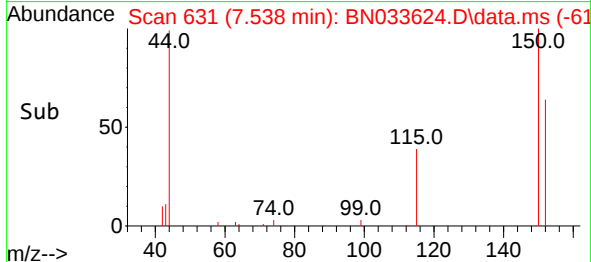
Instrument :
 BNA_N
 ClientSampleId :
 MW-10A-9.5-082024



Tgt Ion: 152 Resp: 663
 Ion Ratio Lower Upper
 152 100
 150 155.6 122.2 183.2
 115 64.7 47.2 70.8

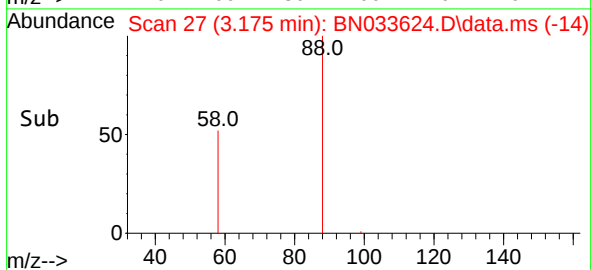
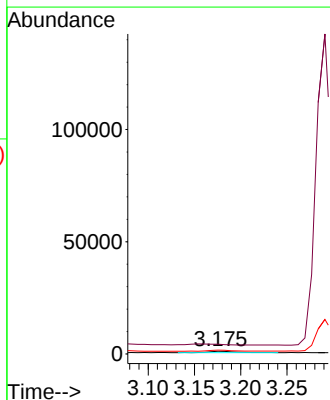
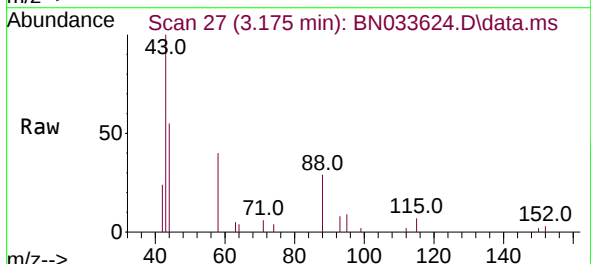
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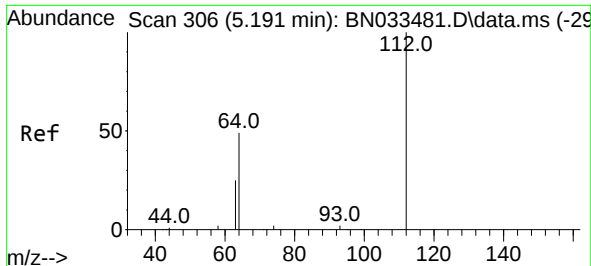
Reviewed By :Jagrut Upadhyay 08/27/2024
 Supervised By :mohammad ahmed 08/28/2024



#2
 1,4-Dioxane
 Concen: 0.148 ng
 RT: 3.175 min Scan# 27
 Delta R.T. -0.007 min
 Lab File: BN033624.D
 Acq: 26 Aug 2024 16:20

Tgt Ion: 88 Resp: 1129
 Ion Ratio Lower Upper
 88 100
 43 0.0 25.0 37.4#
 58 86.1 62.5 93.7





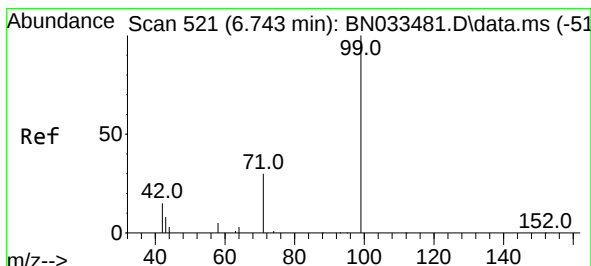
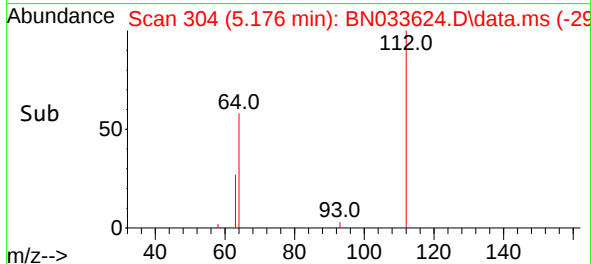
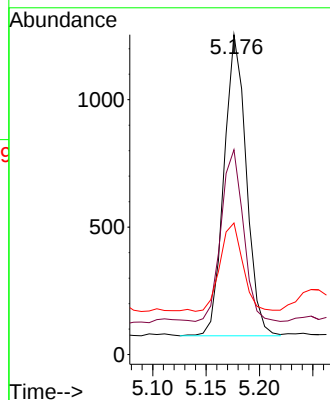
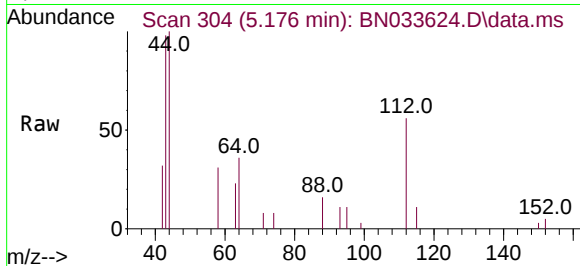
#4
2-Fluorophenol
Concen: 0.081 ng
RT: 5.176 min Scan# 306
Delta R.T. -0.000 min
Lab File: BN033624.D
Acq: 26 Aug 2024 16:20

Instrument :
BNA_N
ClientSampleId :
MW-10A-9.5-082024

Tgt Ion: 112 Resp: 171
Ion Ratio Lower Upper
112 100
64 57.3 47.1 70.7
63 29.3 24.9 37.3

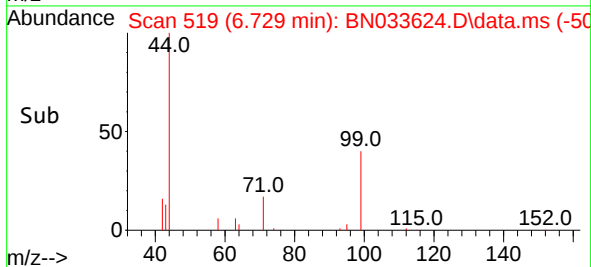
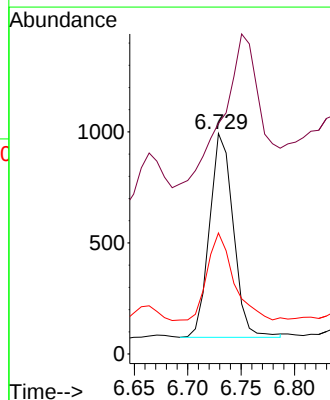
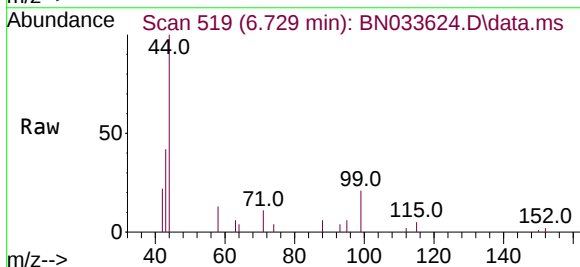
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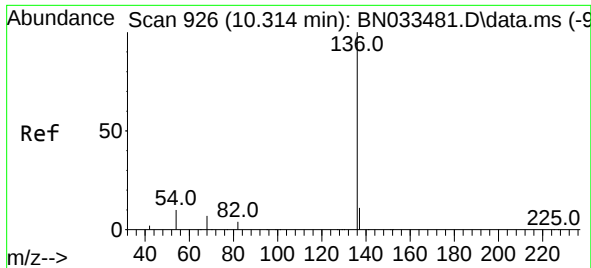
Reviewed By :Jagrut Upadhyay 08/27/2024
Supervised By :mohammad ahmed 08/28/2024



#5
Phenol-d6
Concen: 0.057 ng
RT: 6.729 min Scan# 519
Delta R.T. -0.000 min
Lab File: BN033624.D
Acq: 26 Aug 2024 16:20

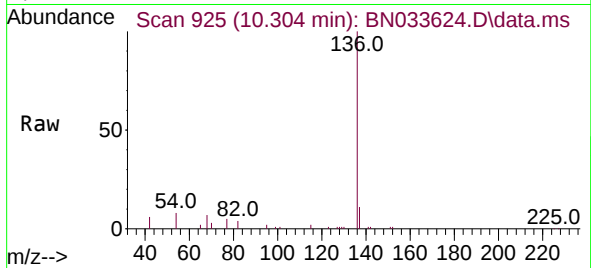
Tgt Ion: 99 Resp: 1424
Ion Ratio Lower Upper
99 100
42 0.0 16.6 24.8#
71 48.3 26.2 39.4#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN033624.D
Acq: 26 Aug 2024 16:20

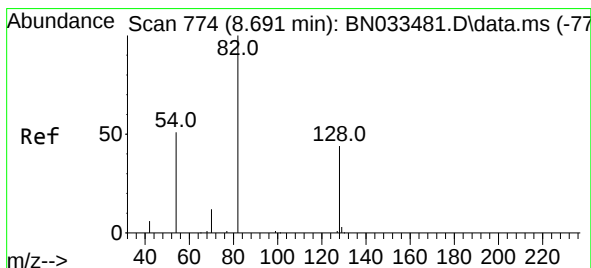
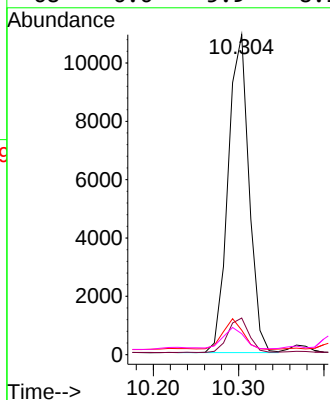
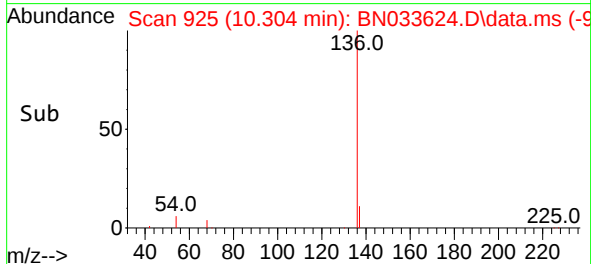
Instrument :
BNA_N
ClientSampleId :
MW-10A-9.5-082024



Tgt Ion:136 Resp: 1850
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 7.6 8.3 12.5
68 6.6 5.9 8.9

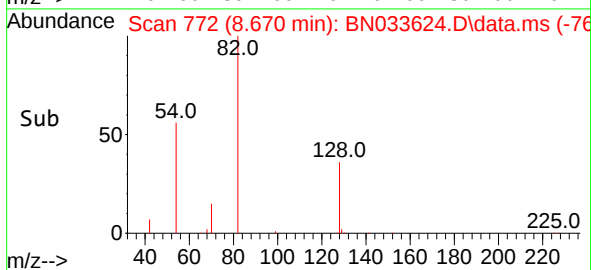
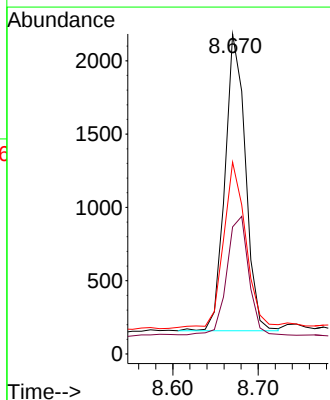
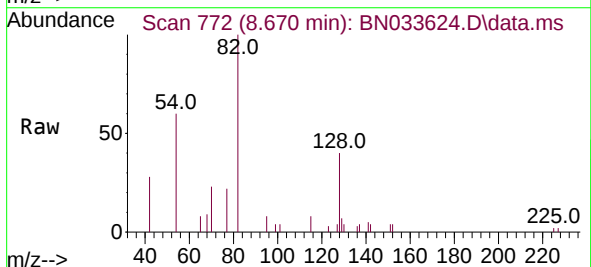
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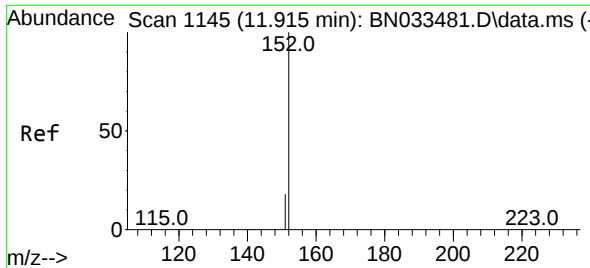
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Supervised By :mohammad ahmed 08/28/2024



#8
Nitrobenzene-d5
Concen: 0.220 ng
RT: 8.670 min Scan# 772
Delta R.T. -0.011 min
Lab File: BN033624.D
Acq: 26 Aug 2024 16:20

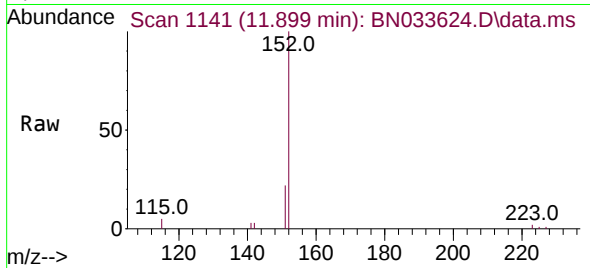
Tgt Ion: 82 Resp: 3372
Ion Ratio Lower Upper
82 100
128 39.7 36.0 54.0
54 60.0 42.0 63.0





#11
2-Methylnaphthalene-d10
Concen: 0.196 ng
RT: 11.899 min Scan# 1141
Delta R.T. -0.004 min
Lab File: BN033624.D
Acq: 26 Aug 2024 16:20

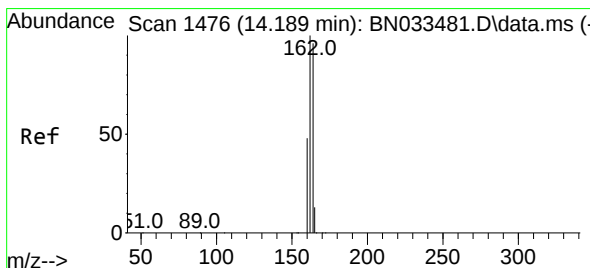
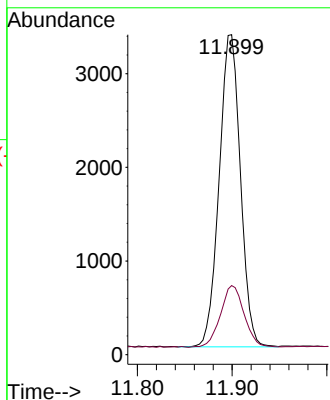
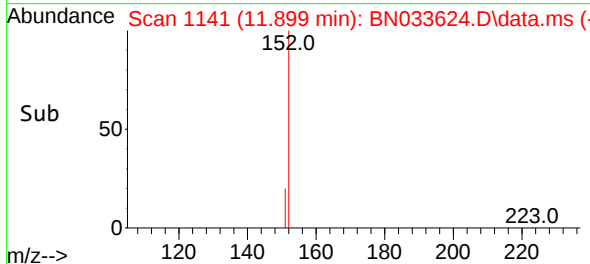
Instrument :
BNA_N
ClientSampleId :
MW-10A-9.5-082024



Tgt Ion:152 Resp: 5190
Ion Ratio Lower Upper
152 100
151 22.0 16.6 25.0

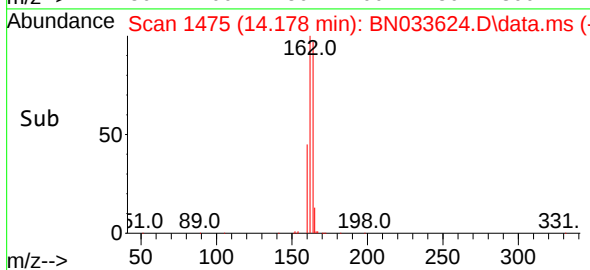
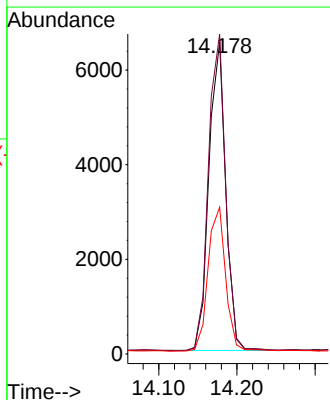
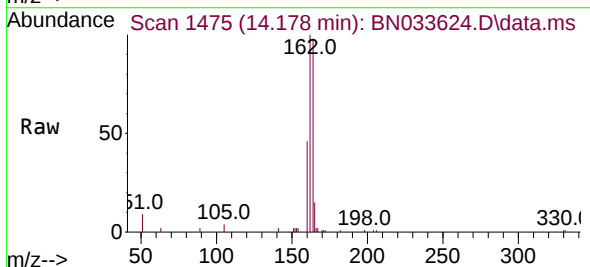
Manual Integrations
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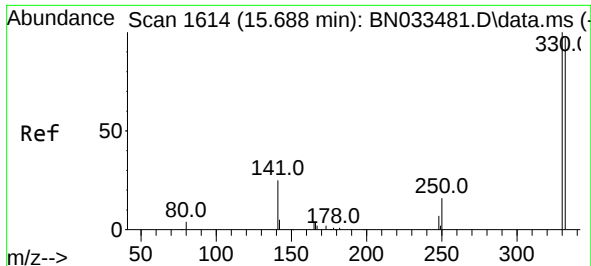
Reviewed By :Jagrut Upadhyay 08/27/2024
Supervised By :mohammad ahmed 08/28/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BN033624.D
Acq: 26 Aug 2024 16:20

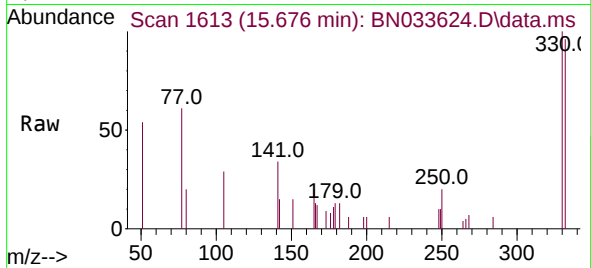
Tgt Ion:164 Resp: 9705
Ion Ratio Lower Upper
164 100
162 102.5 83.5 125.3
160 47.0 40.2 60.4





#14
2,4,6-Tribromophenol
Concen: 0.283 ng
RT: 15.676 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033624.D
Acq: 26 Aug 2024 16:20

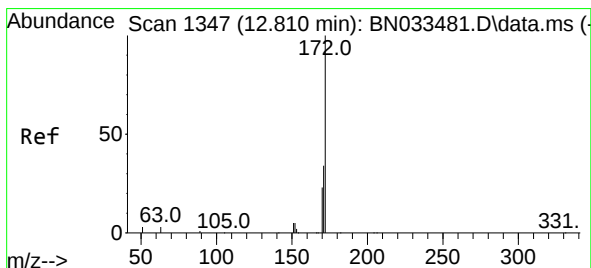
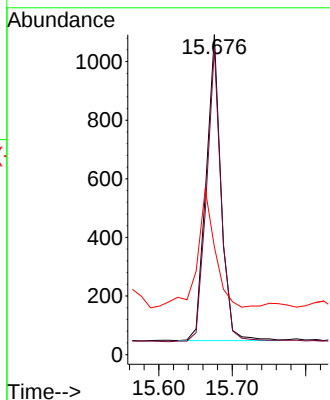
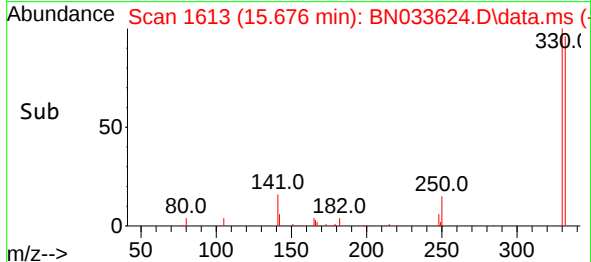
Instrument :
BNA_N
ClientSampleId :
MW-10A-9.5-082024



Tgt Ion:330 Resp: 1474
Ion Ratio Lower Upper
330 100
332 95.2 77.5 116.3
141 43.1 33.9 50.9

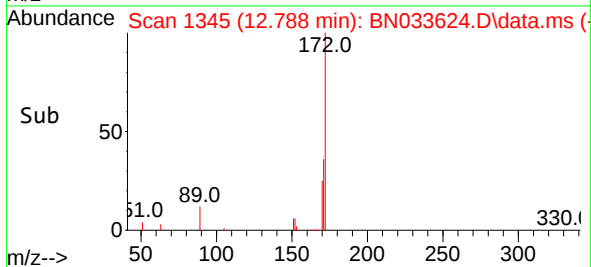
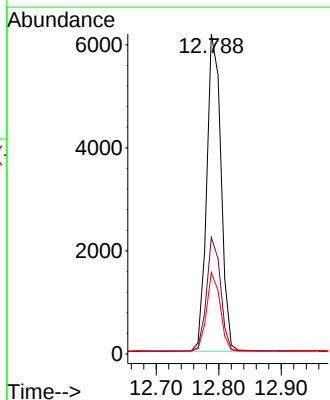
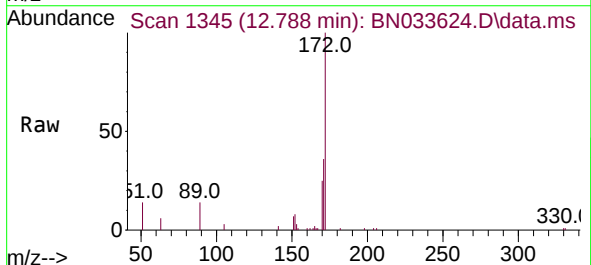
Manual Integrations
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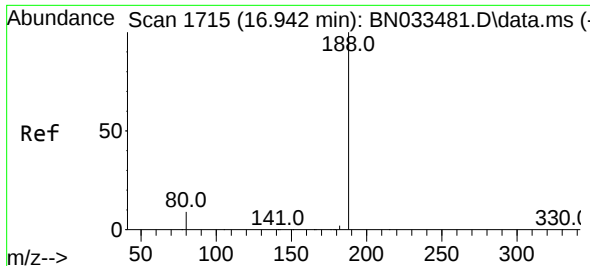
Reviewed By :Jagrut Upadhyay 08/27/2024
Supervised By :mohammad ahmed 08/28/2024



#15
2-Fluorobiphenyl
Concen: 0.246 ng
RT: 12.788 min Scan# 1345
Delta R.T. -0.011 min
Lab File: BN033624.D
Acq: 26 Aug 2024 16:20

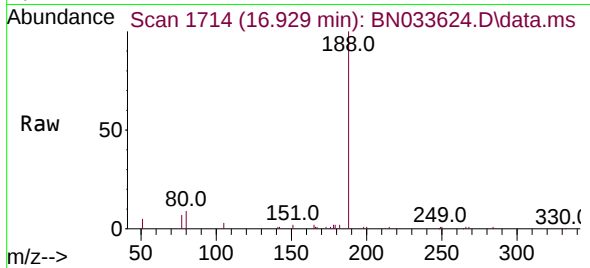
Tgt Ion:172 Resp: 9749
Ion Ratio Lower Upper
172 100
171 36.5 27.7 41.5
170 25.5 18.3 27.5





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN033624.D
Acq: 26 Aug 2024 16:20

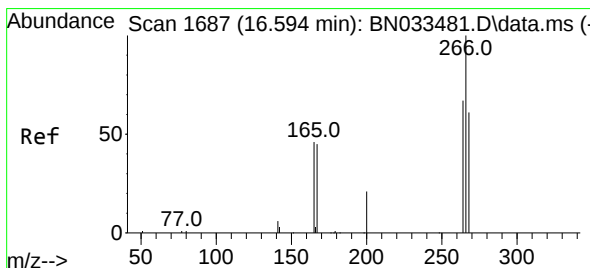
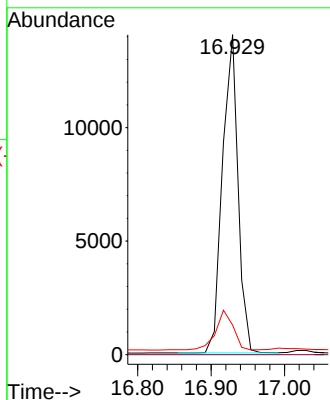
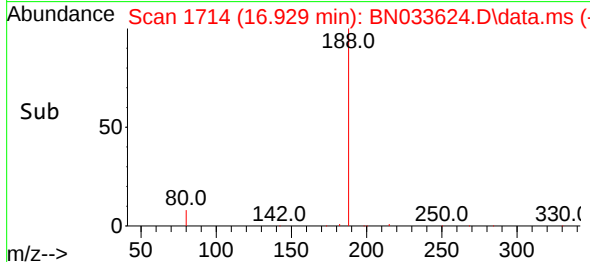
Instrument :
BNA_N
ClientSampleId :
MW-10A-9.5-082024



Tgt Ion:188 Resp: 20610
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 7.8 11.8

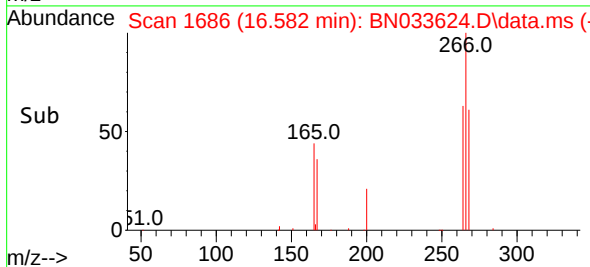
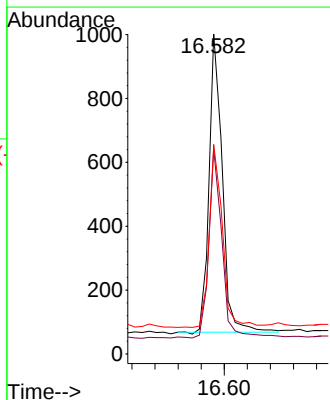
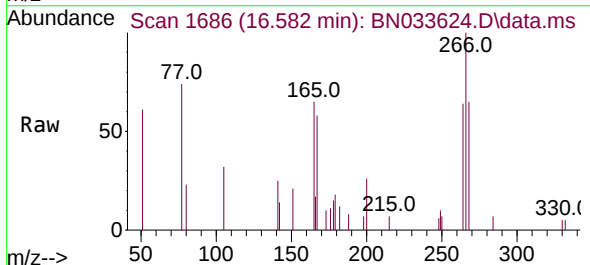
Manual Integrations
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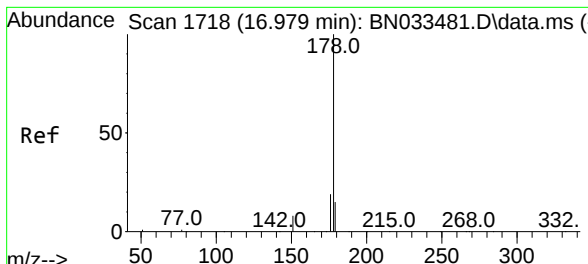
Reviewed By :Jagrut Upadhyay 08/27/2024
Supervised By :mohammad ahmed 08/28/2024



#24
Pentachlorophenol
Concen: 0.246 ng
RT: 16.582 min Scan# 1686
Delta R.T. -0.013 min
Lab File: BN033624.D
Acq: 26 Aug 2024 16:20

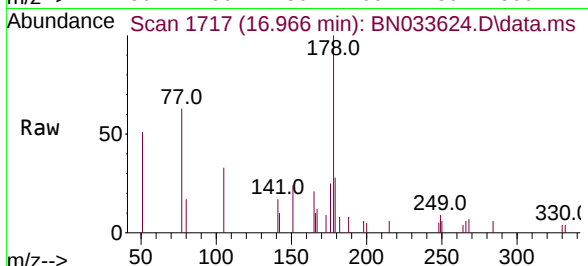
Tgt Ion:266 Resp: 1474
Ion Ratio Lower Upper
266 100
264 61.8 51.9 77.9
268 61.6 51.0 76.4





#25
 Phenanthrene
 Concen: 0.025 ng m
 RT: 16.966 min Scan# 1717
 Delta R.T. -0.000 min
 Lab File: BN033624.D
 Acq: 26 Aug 2024 16:20

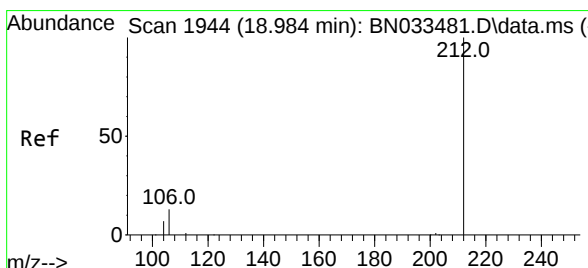
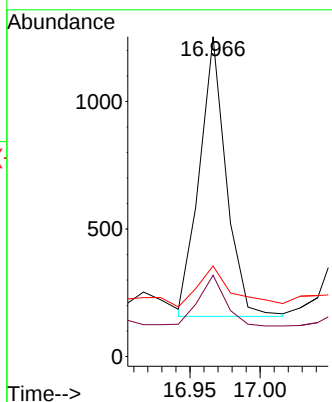
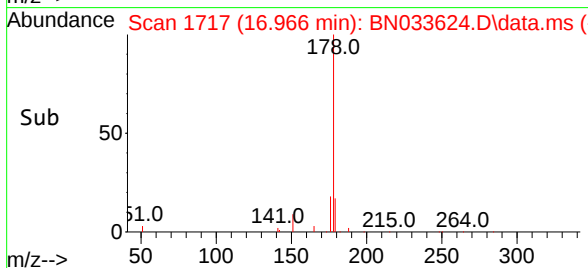
Instrument : BNA_N
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Tgt Ion:	178	Resp:	1450
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.3	22.9
179	18.7	12.3	18.5

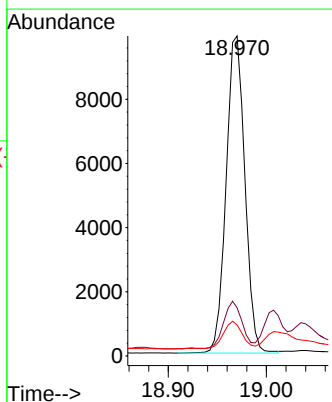
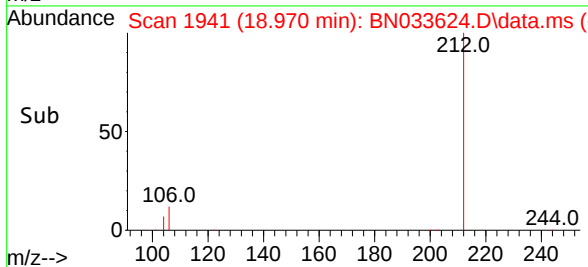
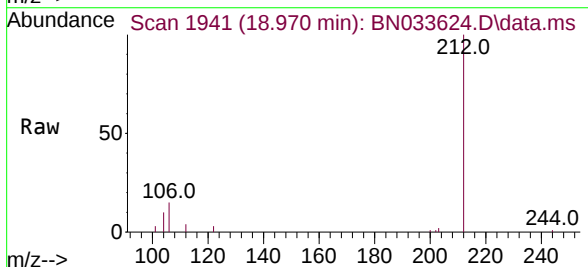
Manual Integrations
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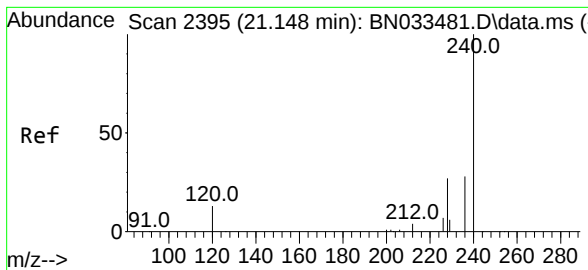
Reviewed By :Jagrut Upadhyay 08/27/2024
 Supervised By :mohammad ahmed 08/28/2024



#27
 Fluoranthene-d10
 Concen: 0.266 ng
 RT: 18.970 min Scan# 1941
 Delta R.T. -0.000 min
 Lab File: BN033624.D
 Acq: 26 Aug 2024 16:20

Tgt Ion:	212	Resp:	13163
Ion Ratio	Lower	Upper	
212	100		
106	14.8	12.3	18.5
104	8.9	7.0	10.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.139 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN033624.D

Acq: 26 Aug 2024 16:20

Instrument :

BNA_N

ClientSampleId :

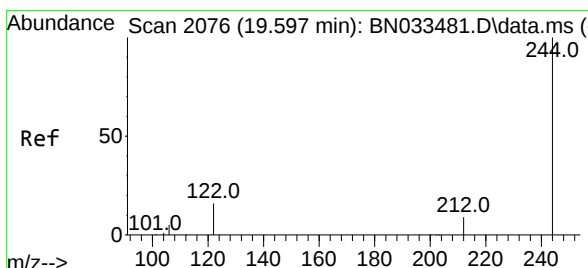
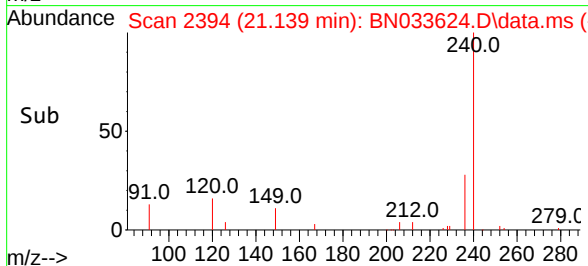
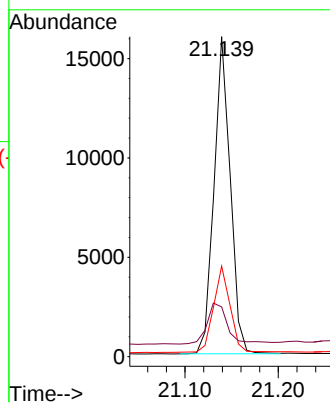
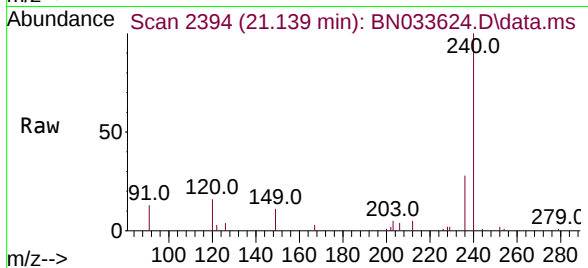
MW-10A-9.5-082024

Tgt Ion:240	Resp:	1923
Ion Ratio	Lower	Upper
240	100	
120	15.5	12.4 18.6
236	28.3	23.0 34.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/27/2024
Supervised By :mohammad ahmed 08/28/2024



#31

Terphenyl-d14

Concen: 0.420 ng

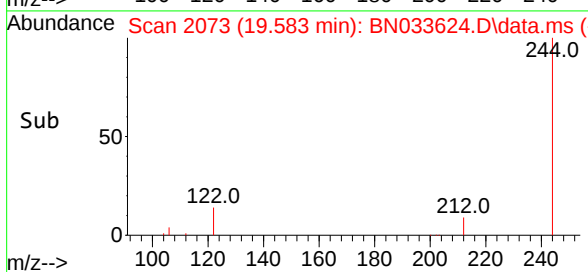
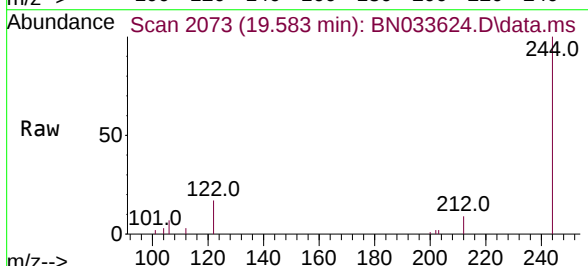
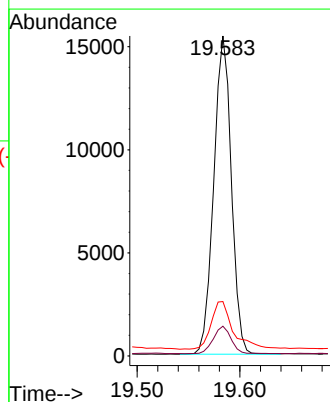
RT: 19.583 min Scan# 2073

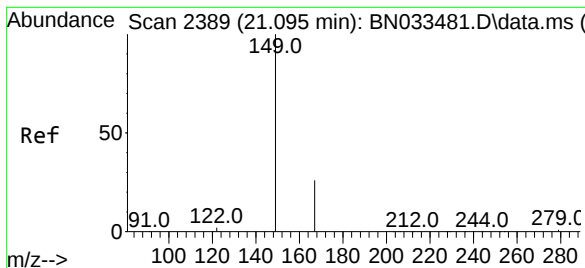
Delta R.T. -0.000 min

Lab File: BN033624.D

Acq: 26 Aug 2024 16:20

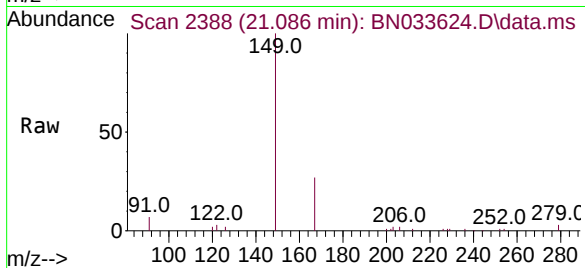
Tgt Ion:244	Resp:	18366
Ion Ratio	Lower	Upper
244	100	
212	9.3	7.8 11.6
122	17.0	13.3 19.9





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.757 ng m
RT: 21.086 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BN033624.D
Acq: 26 Aug 2024 16:20

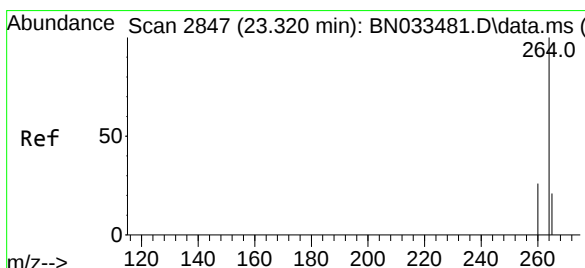
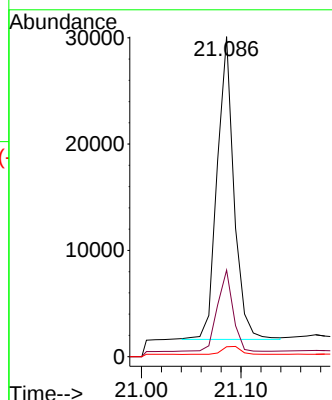
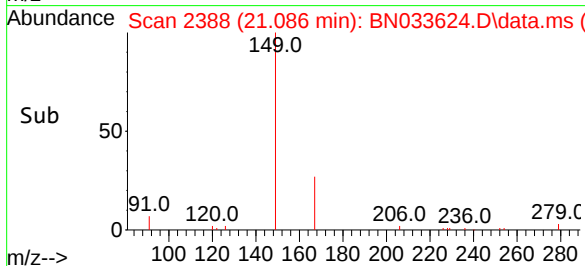
Instrument :
BNA_N
ClientSampleId :
MW-10A-9.5-082024



Tgt Ion:149 Resp: 3334
Ion Ratio Lower Upper
149 100
167 34.6 21.5 32.3
279 3.5 2.2 3.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/27/2024
Supervised By :mohammad ahmed 08/28/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.309 min Scan# 2843
Delta R.T. 0.006 min
Lab File: BN033624.D
Acq: 26 Aug 2024 16:20

Tgt Ion:264 Resp: 21439
Ion Ratio Lower Upper
264 100
260 26.2 20.8 31.2
265 60.6 52.2 78.2

