

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035778.D
 Acq On : 23 Dec 2024 11:32
 Operator : RC/JU
 Sample : P5281-04
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20241212

Quant Time: Dec 23 12:01:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/26/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.264	152	3150	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	7756	0.400	ng	-0.01
13) Acenaphthene-d10	13.924	164	5021	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	9829	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	7584	0.400	ng	# 0.00
35) Perylene-d12	23.032	264	7486	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	928	0.118	ng	0.00
5) Phenol-d6	6.484	99	505	0.053	ng	0.00
8) Nitrobenzene-d5	8.408	82	1984m	0.419	ng	0.00
11) 2-Methylnaphthalene-d10	11.615	152	4519	0.372	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	614	0.172	ng	0.00
15) 2-Fluorobiphenyl	12.538	172	6952	0.366	ng	0.00
27) Fluoranthene-d10	18.752	212	11103	0.398	ng	0.00
31) Terphenyl-d14	19.379	244	8265	0.552	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.974	88	17364	5.766	ng	98
6) bis(2-Chloroethyl)ether	6.723	93	256	0.032	ng	92
34) Bis(2-ethylhexyl)phtha...	20.902	149	1077	0.103	ng	# 96

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

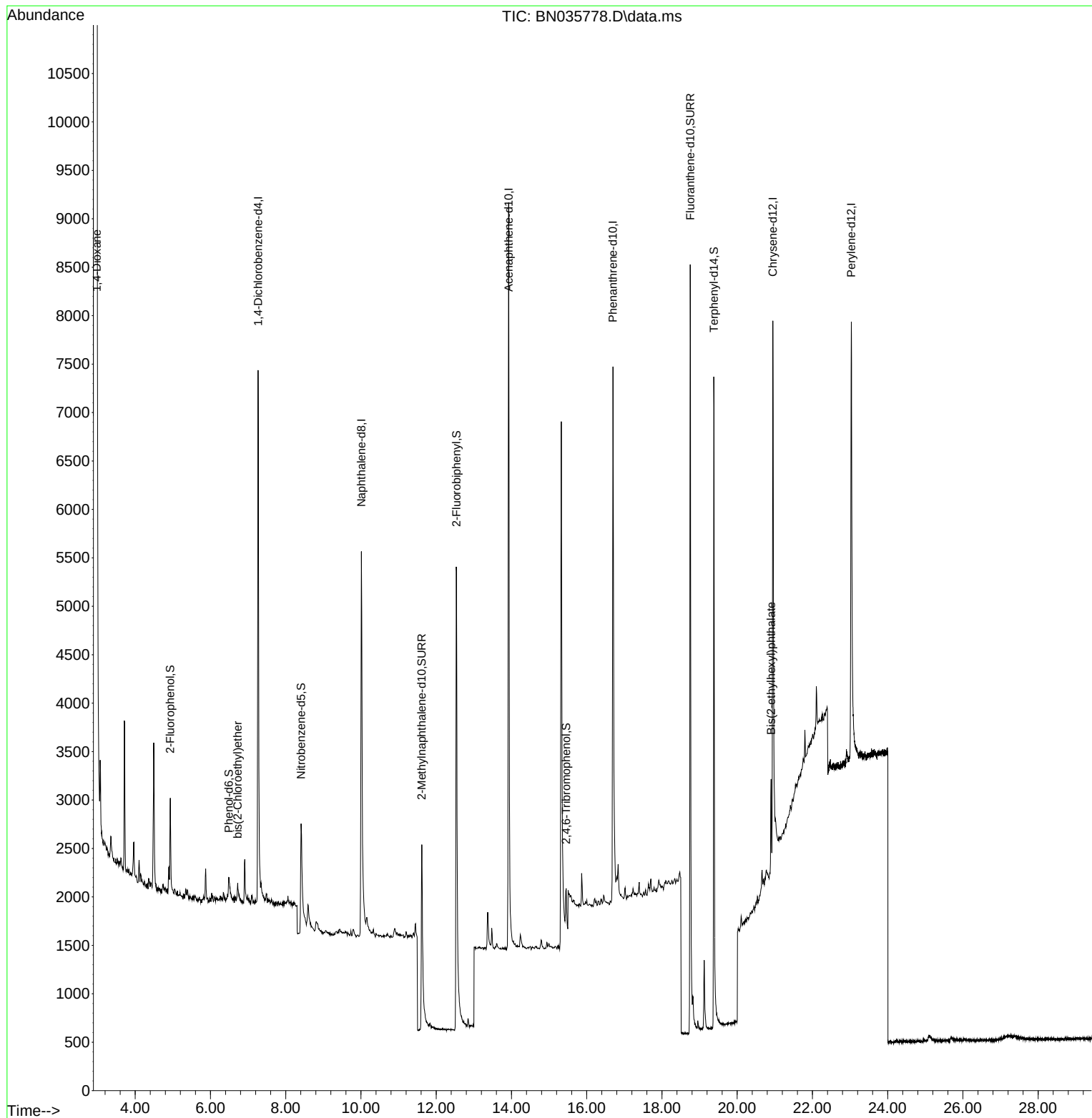
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035778.D
Acq On : 23 Dec 2024 11:32
Operator : RC/JU
Sample : P5281-04
Misc :
ALS Vial : 60 Sample Multiplier: 1

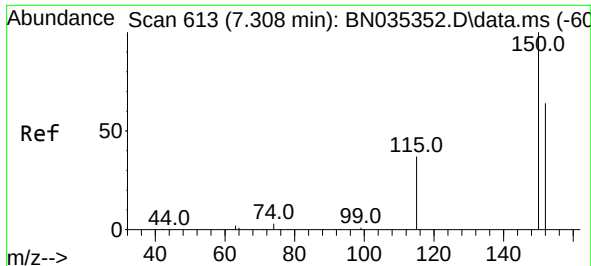
Instrument :
BNA_N
ClientSampleId :
TT101D2-20241212

Quant Time: Dec 23 12:01:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration

Manual Integrations
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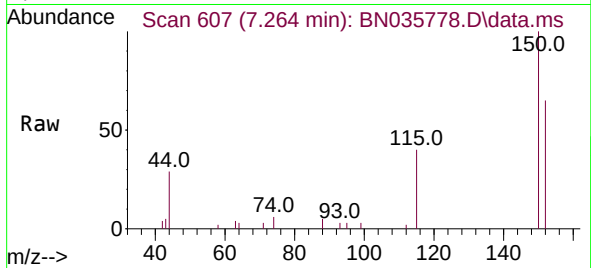
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.264 min Scan# 60
 Delta R.T. -0.008 min
 Lab File: BN035778.D
 Acq: 23 Dec 2024 11:32

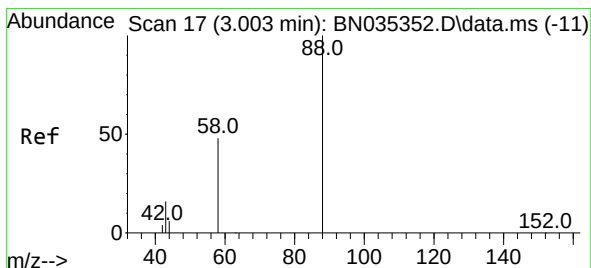
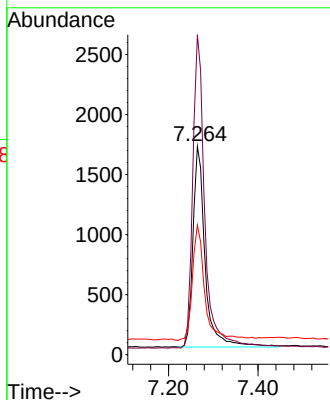
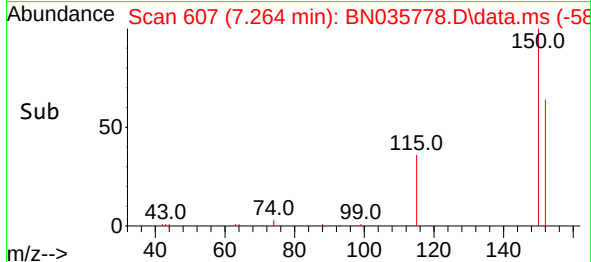
Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20241212



Tgt Ion:152 Resp: 3150
 Ion Ratio Lower Upper
 152 100
 150 153.6 124.0 186.0
 115 62.2 49.6 74.4

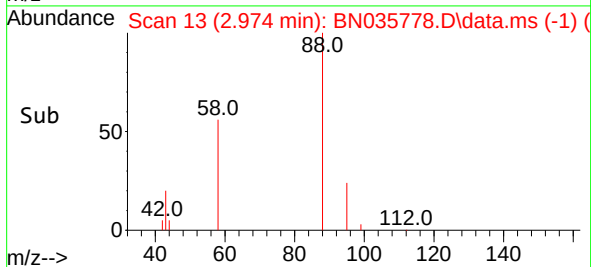
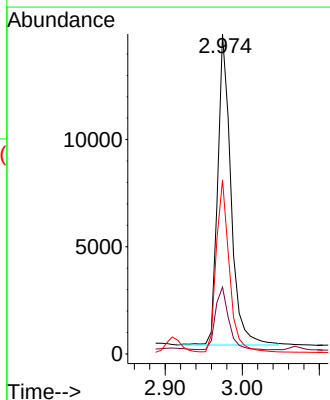
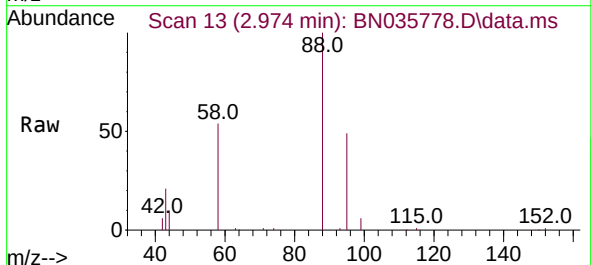
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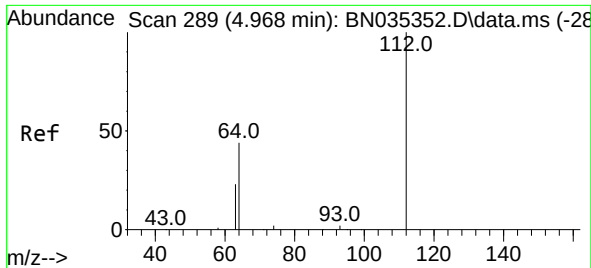
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 Supervised By :mohammad ahmed 12/26/2024



#2
 1,4-Dioxane
 Concen: 5.766 ng
 RT: 2.974 min Scan# 13
 Delta R.T. -0.007 min
 Lab File: BN035778.D
 Acq: 23 Dec 2024 11:32

Tgt Ion: 88 Resp: 17364
 Ion Ratio Lower Upper
 88 100
 43 20.0 17.2 25.8
 58 54.0 44.5 66.7





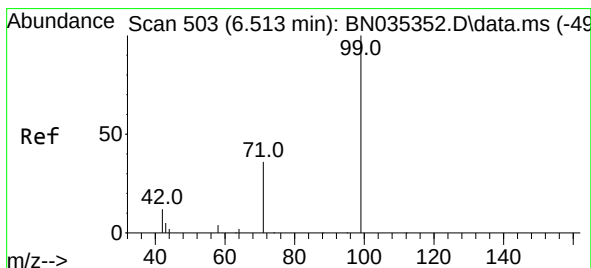
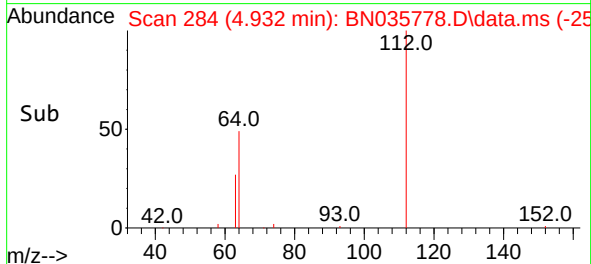
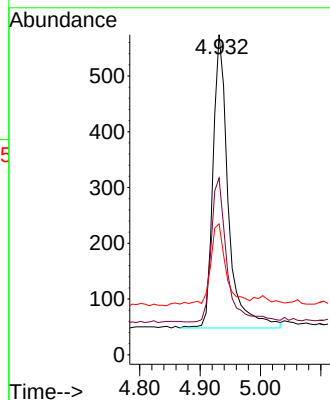
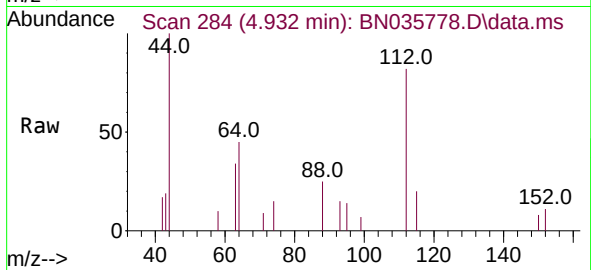
#4
2-Fluorophenol
Concen: 0.118 ng
RT: 4.932 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN035778.D
Acq: 23 Dec 2024 11:32

Instrument :
BNA_N
ClientSampleId :
TT101D2-20241212

Tgt Ion:112 Resp: 928
Ion Ratio Lower Upper
112 100
64 50.0 39.8 59.8
63 27.8 21.0 31.6

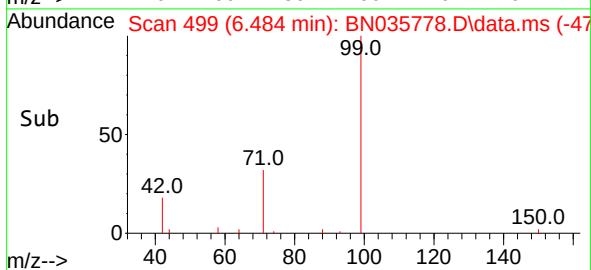
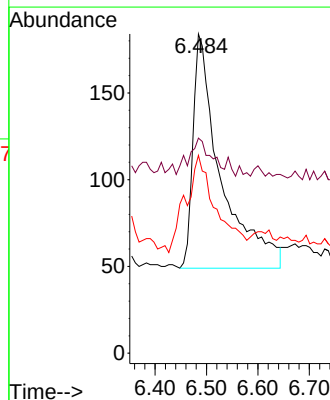
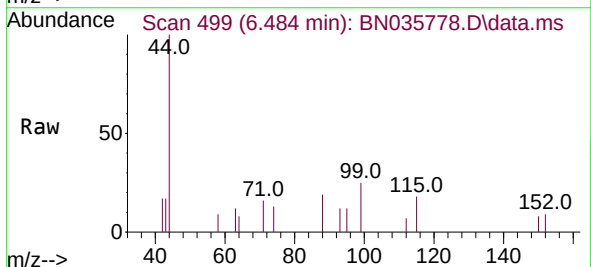
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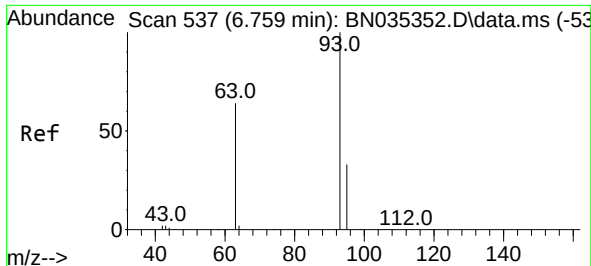
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#5
Phenol-d6
Concen: 0.053 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035778.D
Acq: 23 Dec 2024 11:32

Tgt Ion: 99 Resp: 505
Ion Ratio Lower Upper
99 100
42 11.7 11.4 17.2
71 45.5 29.3 43.9#





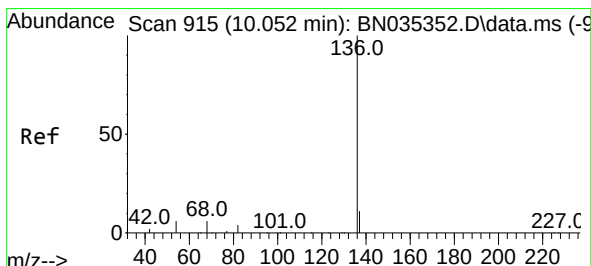
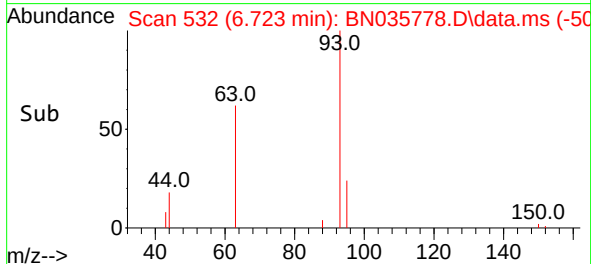
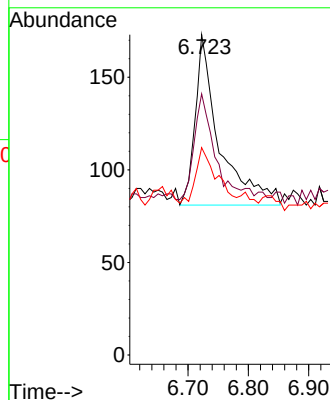
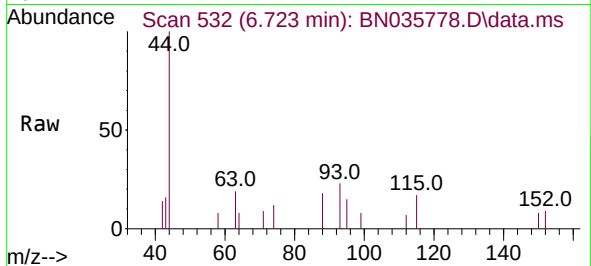
#6
bis(2-Chloroethyl)ether
Concen: 0.032 ng
RT: 6.723 min Scan# 511
Delta R.T. -0.007 min
Lab File: BN035778.D
Acq: 23 Dec 2024 11:32

Instrument :
BNA_N
ClientSampleId :
TT101D2-20241212

Tgt Ion: 93 Resp: 250
Ion Ratio Lower Upper
93 100
63 57.8 50.4 75.6
95 27.0 25.7 38.5

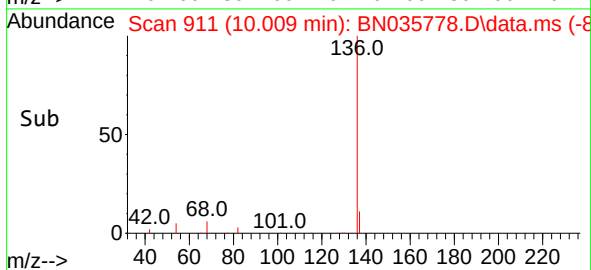
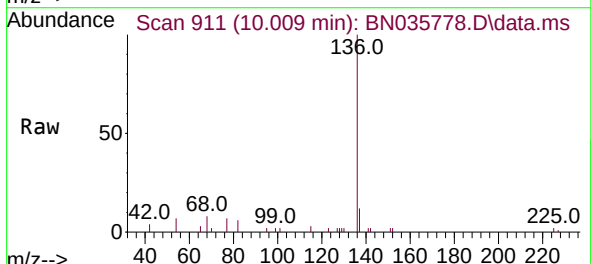
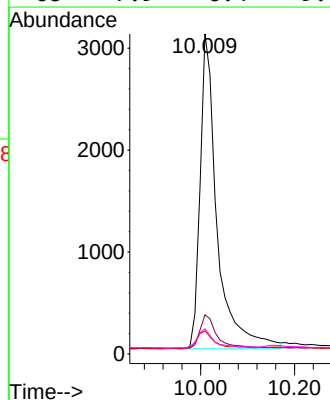
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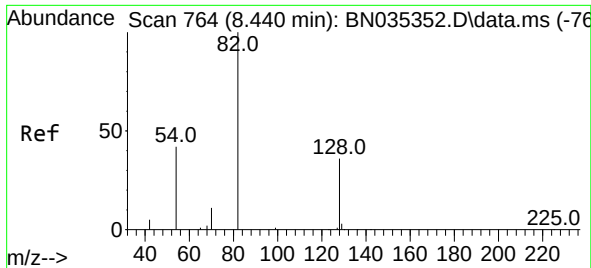
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN035778.D
Acq: 23 Dec 2024 11:32

Tgt Ion:136 Resp: 7756
Ion Ratio Lower Upper
136 100
137 12.2 10.2 15.2
54 7.2 6.1 9.1
68 7.9 6.4 9.6





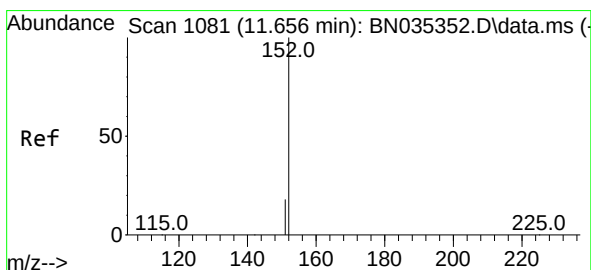
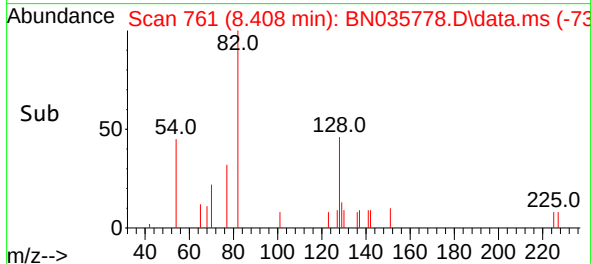
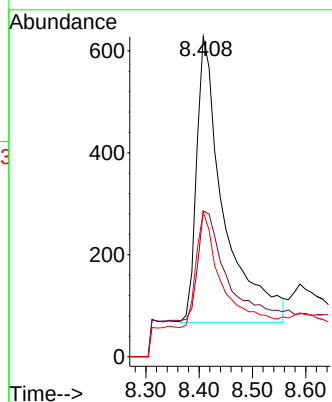
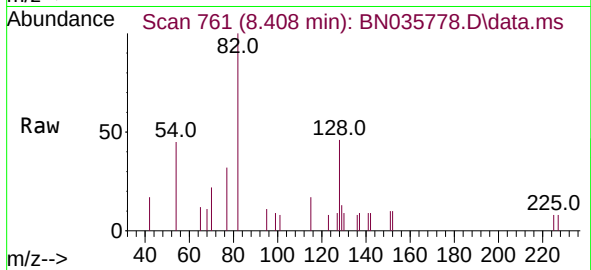
#8
Nitrobenzene-d5
Concen: 0.419 ng m
RT: 8.408 min Scan# 70
Delta R.T. -0.000 min
Lab File: BN035778.D
Acq: 23 Dec 2024 11:32

Instrument :
BNA_N
ClientSampleId :
TT101D2-20241212

Tgt Ion: 82 Resp: 1984
Ion Ratio Lower Upper
82 100
128 45.5 33.4 50.0
54 45.2 36.7 55.1

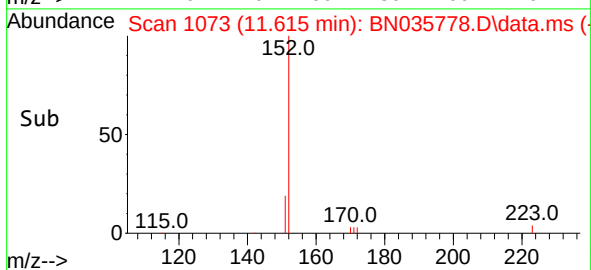
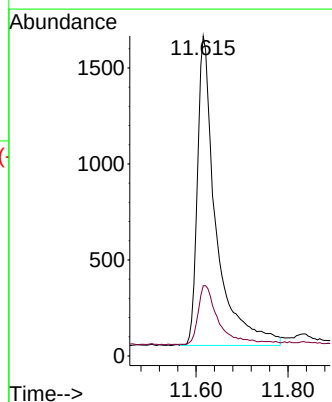
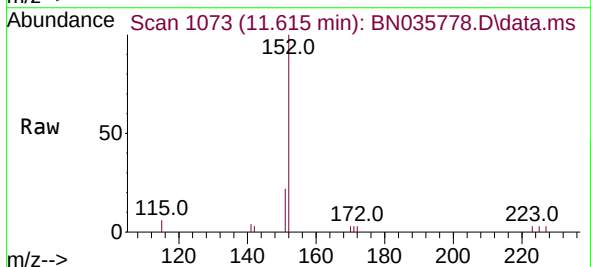
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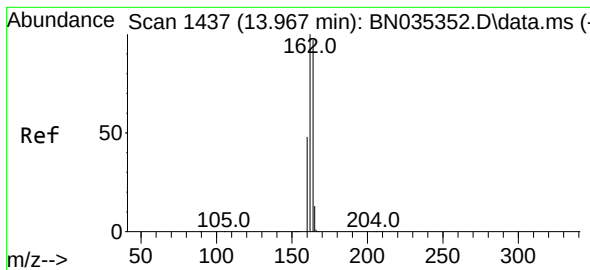
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#11
2-Methylnaphthalene-d10
Concen: 0.372 ng
RT: 11.615 min Scan# 1073
Delta R.T. -0.005 min
Lab File: BN035778.D
Acq: 23 Dec 2024 11:32

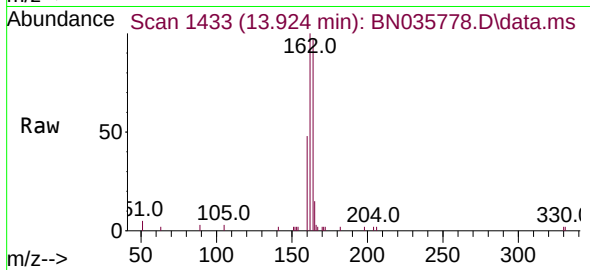
Tgt Ion:152 Resp: 4519
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.924 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035778.D
Acq: 23 Dec 2024 11:32

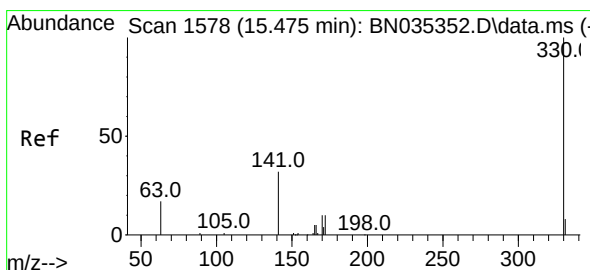
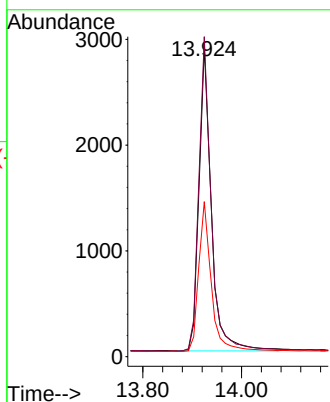
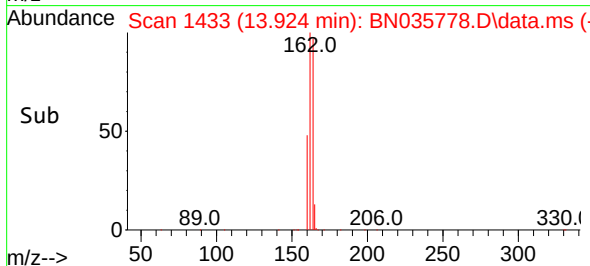
Instrument :
BNA_N
ClientSampleId :
TT101D2-20241212



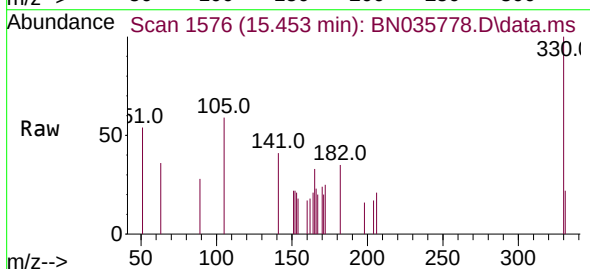
Tgt Ion:164 Resp: 502
Ion Ratio Lower Upper
164 100
162 103.4 82.2 123.2
160 50.1 40.1 60.1

Manual Integrations
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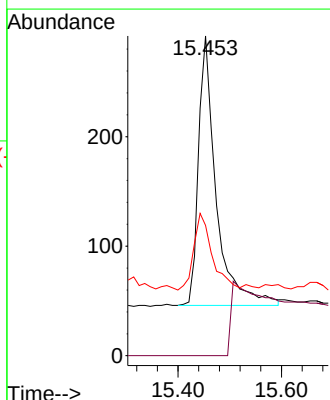
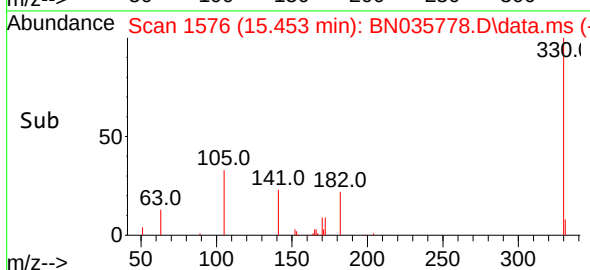
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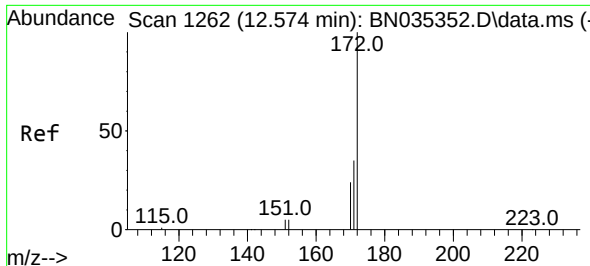


#14
2,4,6-Tribromophenol
Concen: 0.172 ng
RT: 15.453 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN035778.D
Acq: 23 Dec 2024 11:32



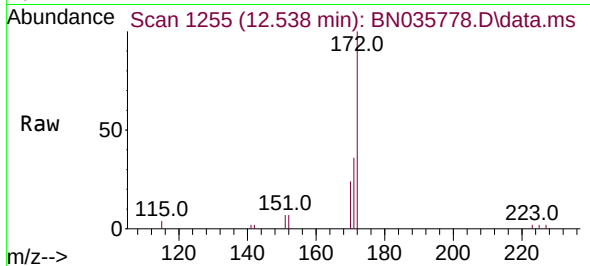
Tgt Ion:330 Resp: 614
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.7 26.6 40.0





#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 12.538 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN035778.D
Acq: 23 Dec 2024 11:32

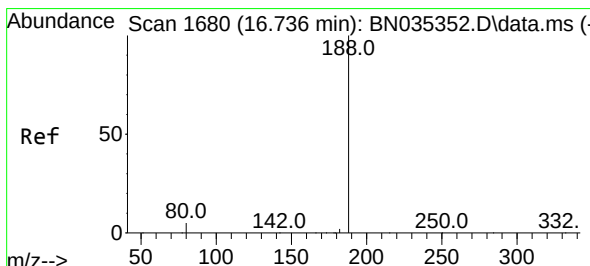
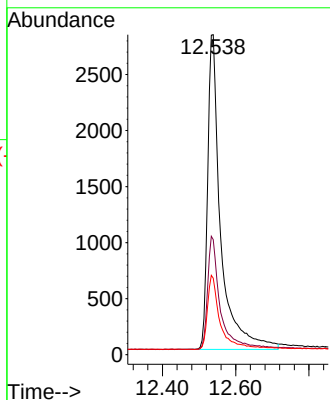
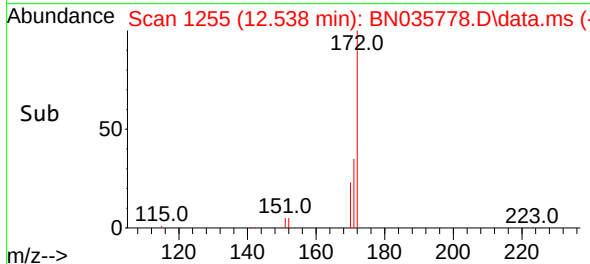
Instrument :
BNA_N
ClientSampleId :
TT101D2-20241212



Tgt Ion:172 Resp: 6952
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 23.9 19.8 29.8

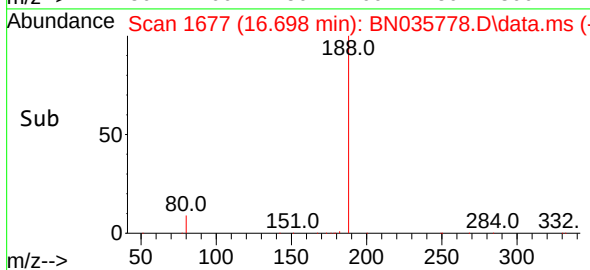
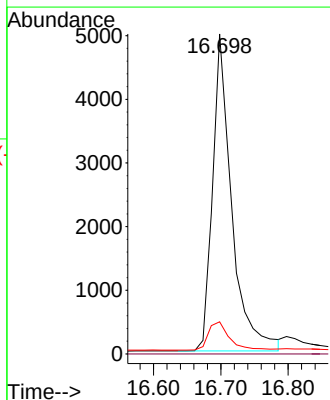
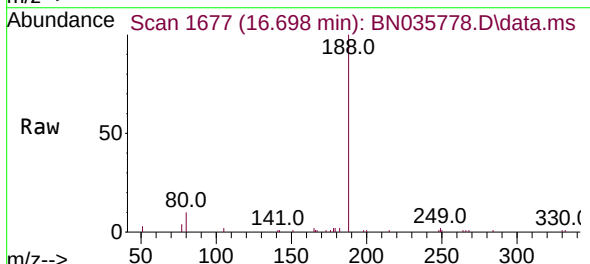
Manual Integrations
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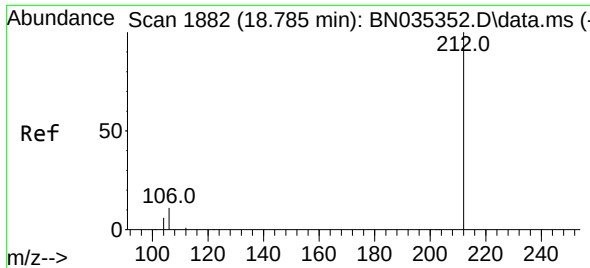
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN035778.D
Acq: 23 Dec 2024 11:32

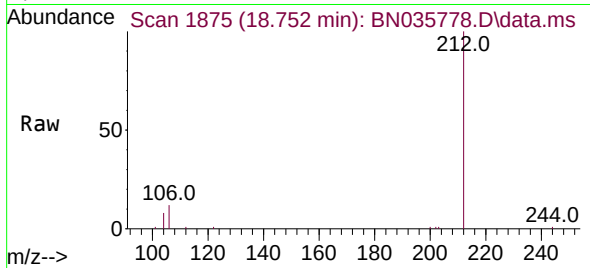
Tgt Ion:188 Resp: 9829
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 4.6 6.8





#27
Fluoranthene-d10
Concen: 0.398 ng
RT: 18.752 min Scan# 1110
Delta R.T. -0.009 min
Lab File: BN035778.D
Acq: 23 Dec 2024 11:32

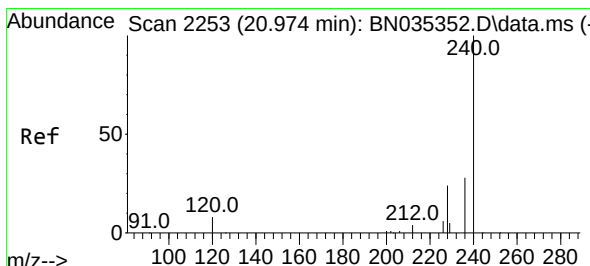
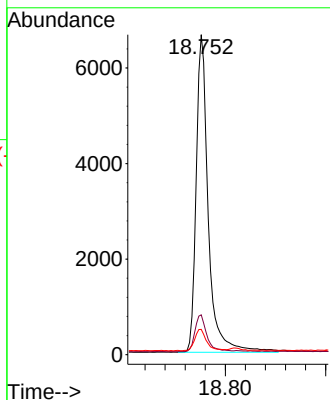
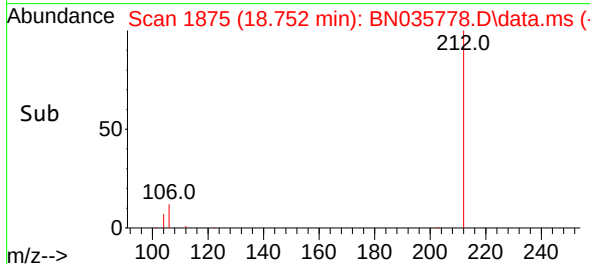
Instrument :
BNA_N
ClientSampleId :
TT101D2-20241212



Tgt Ion:212 Resp: 1110
Ion Ratio Lower Upper
212 100
106 11.5 9.2 13.8
104 6.6 5.3 7.9

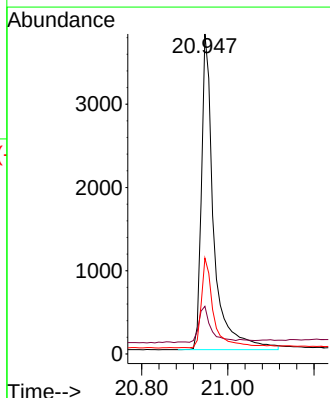
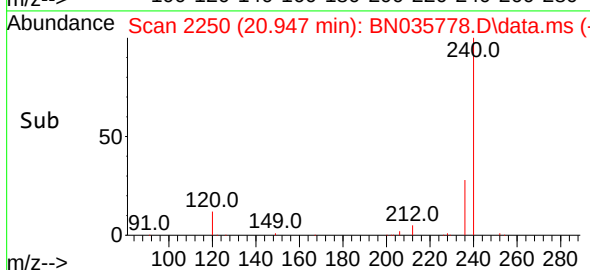
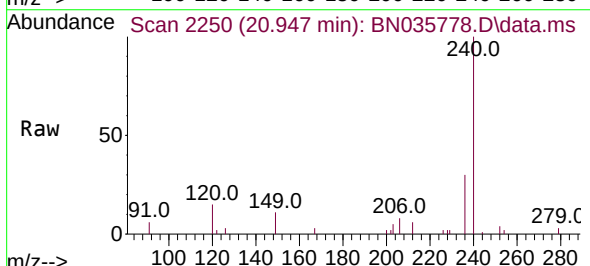
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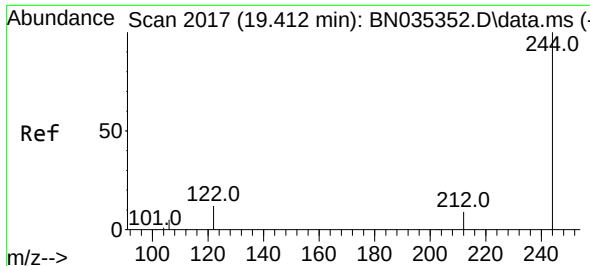
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN035778.D
Acq: 23 Dec 2024 11:32

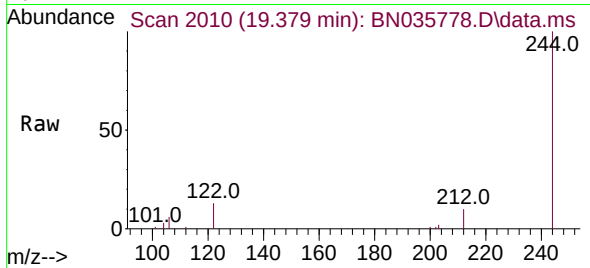
Tgt Ion:240 Resp: 7584
Ion Ratio Lower Upper
240 100
120 14.9 7.9 11.9#
236 30.0 22.9 34.3





#31
 Terphenyl-d14
 Concen: 0.552 ng
 RT: 19.379 min Scan# 2010
 Delta R.T. -0.009 min
 Lab File: BN035778.D
 Acq: 23 Dec 2024 11:32

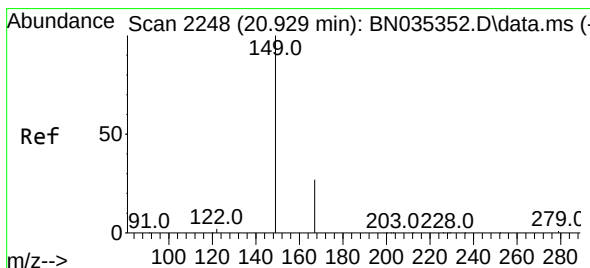
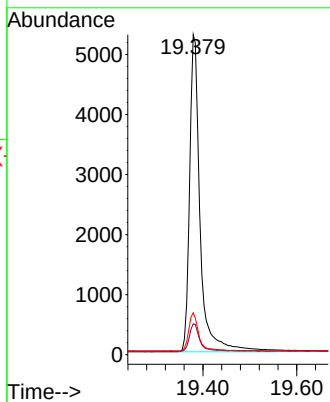
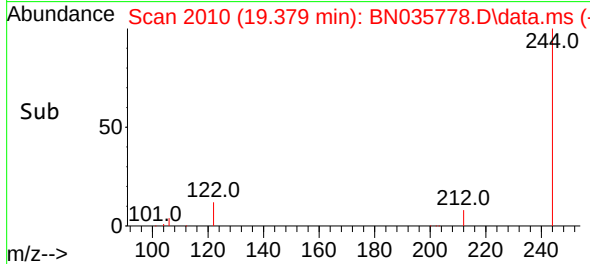
Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20241212



Tgt Ion:244 Resp: 826
 Ion Ratio Lower Upper
 244 100
 212 9.6 8.1 12.1
 122 13.1 10.3 15.5

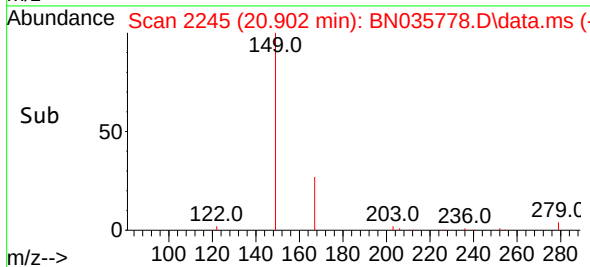
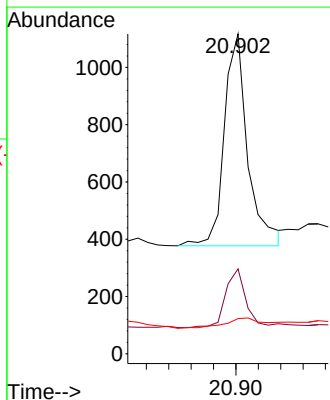
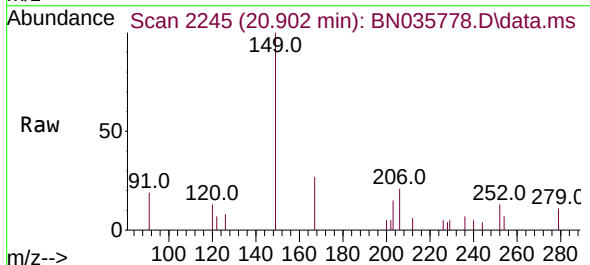
Manual Integrations
 APPROVED

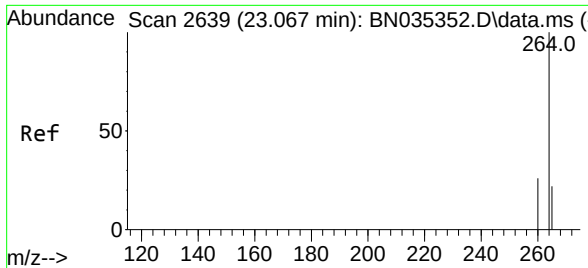
Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/26/2024



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.103 ng
 RT: 20.902 min Scan# 2245
 Delta R.T. -0.009 min
 Lab File: BN035778.D
 Acq: 23 Dec 2024 11:32

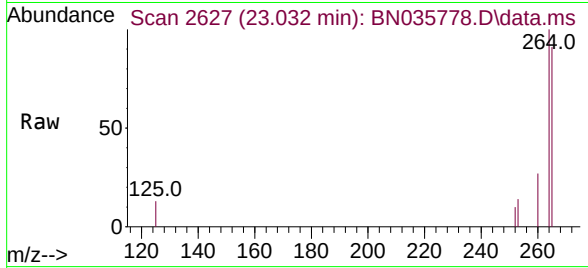
Tgt Ion:149 Resp: 1077
 Ion Ratio Lower Upper
 149 100
 167 26.3 22.2 33.4
 279 7.7 2.7 4.1#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.032 min Scan# 20
 Delta R.T. -0.009 min
 Lab File: BN035778.D
 Acq: 23 Dec 2024 11:32

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20241212



Tgt Ion:264 Resp: 7480
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.4 32.2
 265 91.2 40.2 60.4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/26/2024

