

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035721.D
 Acq On : 20 Dec 2024 01:22
 Operator : RC/JU
 Sample : P5261-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP-01-20241209

Quant Time: Dec 20 02:56:22 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 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.272	152	3370	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	8947	0.400	ng	# 0.00
13) Acenaphthene-d10	13.935	164	5786	0.400	ng	0.00
19) Phenanthrene-d10	16.711	188	10480	0.400	ng	# 0.01
29) Chrysene-d12	20.956	240	9572	0.400	ng	0.00
35) Perylene-d12	23.038	264	10429	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	1063	0.126	ng	0.00
5) Phenol-d6	6.492	99	609	0.060	ng	0.00
8) Nitrobenzene-d5	8.408	82	2356m	0.431	ng	0.00
11) 2-Methylnaphthalene-d10	11.621	152	5533	0.395	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	931	0.227	ng	0.00
15) 2-Fluorobiphenyl	12.544	172	8064	0.369	ng	0.00
27) Fluoranthene-d10	18.761	212	14533	0.489	ng	0.00
31) Terphenyl-d14	19.389	244	14039	0.743	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.982	88	3037	0.943	ng	99
34) Bis(2-ethylhexyl)phtha...	20.911	149	1934	0.146	ng	# 97

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

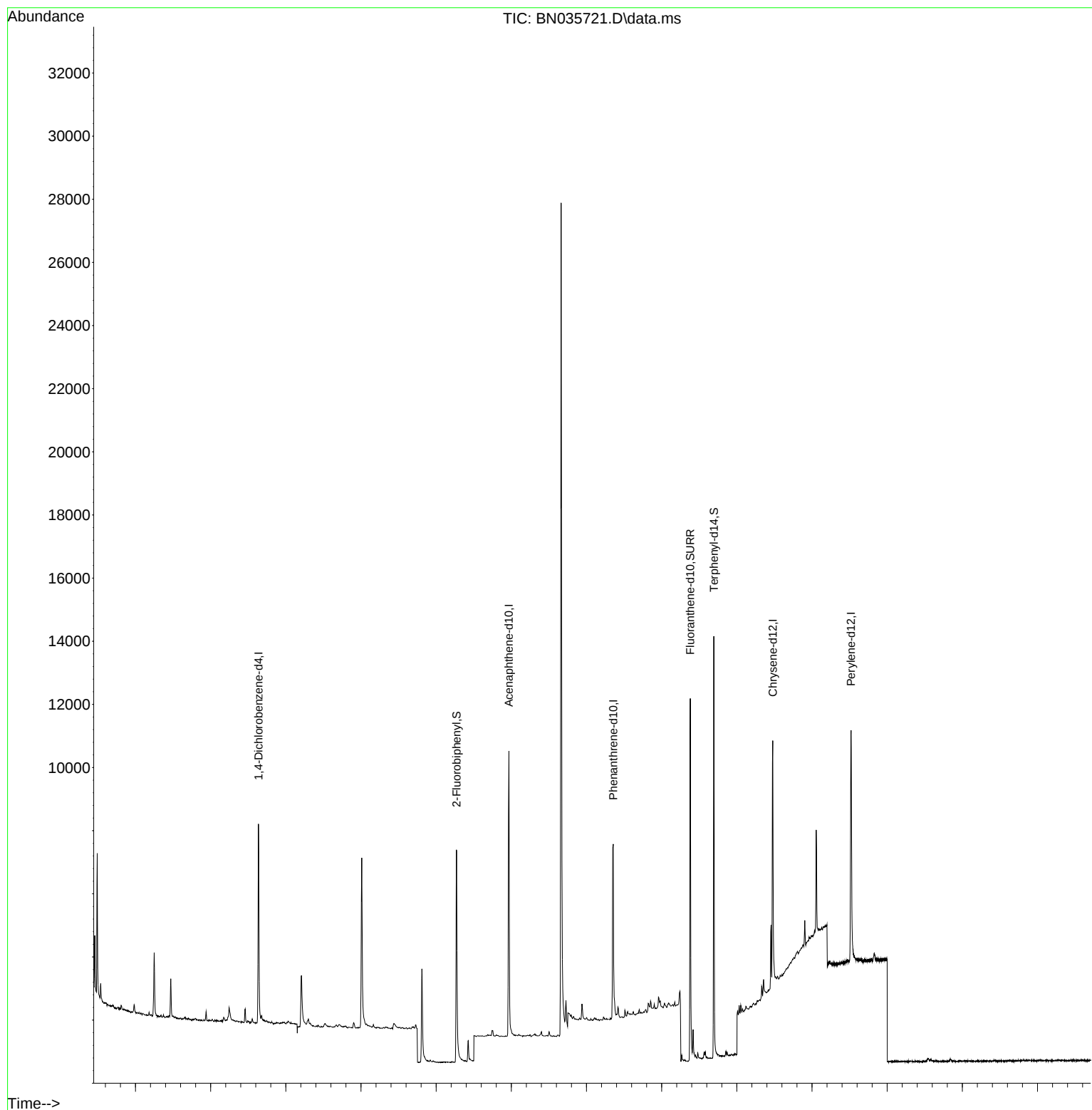
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035721.D
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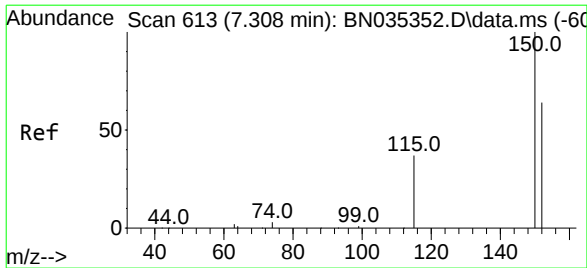
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
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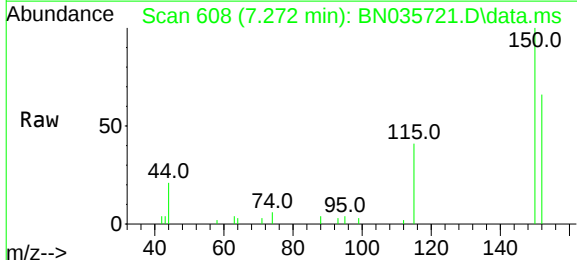
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.272 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN035721.D
Acq: 20 Dec 2024 01:22

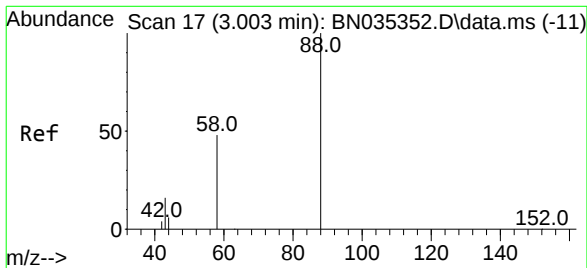
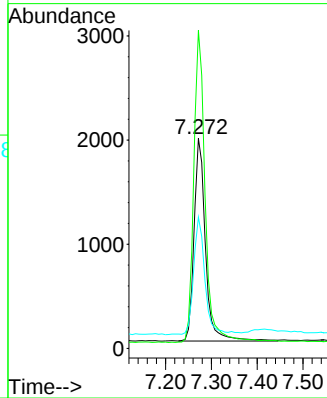
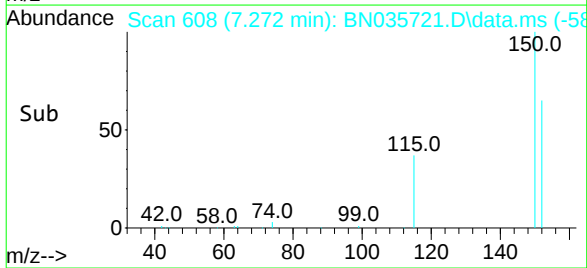
Instrument :
BNA_N
ClientSampleId :
DUP-01-20241209



Tgt Ion: 152 Resp: 3370
Ion Ratio Lower Upper
152 100
150 151.4 124.0 186.0
115 62.5 49.6 74.4

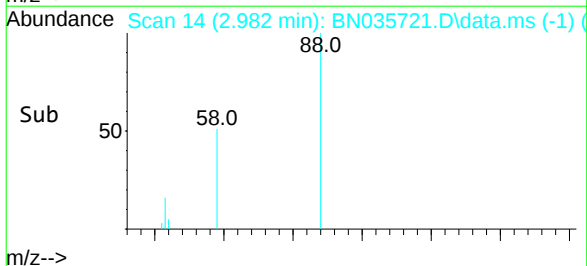
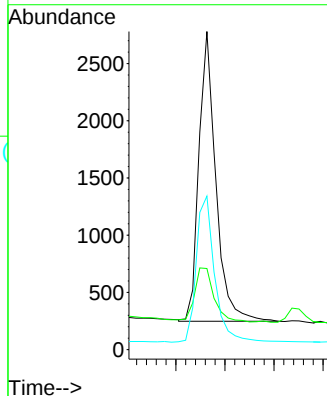
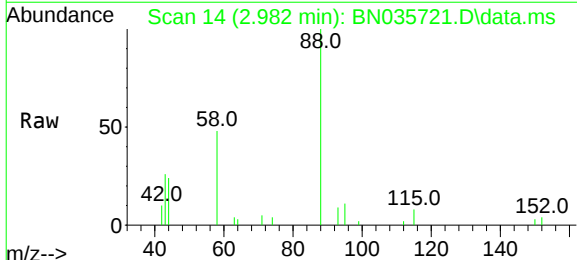
Manual Integrations
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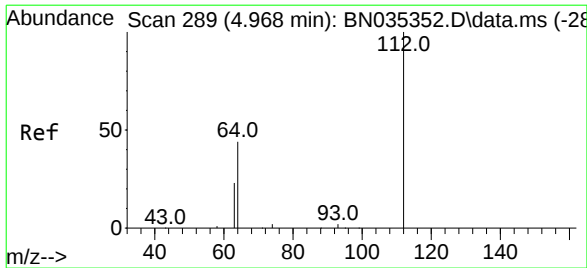
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#2
1,4-Dioxane
Concen: 0.943 ng
RT: 2.982 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035721.D
Acq: 20 Dec 2024 01:22

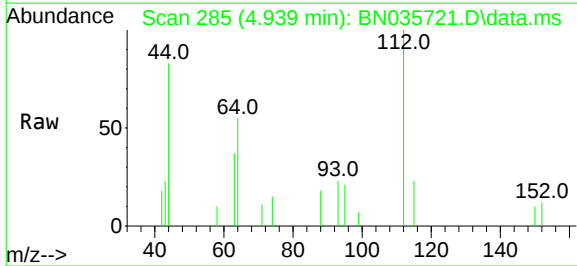
Tgt Ion: 88 Resp: 3037
Ion Ratio Lower Upper
88 100
43 21.0 17.2 25.8
58 54.7 44.5 66.7





#4
2-Fluorophenol
Concen: 0.126 ng
RT: 4.939 min Scan# 289
Delta R.T. -0.000 min
Lab File: BN035721.D
Acq: 20 Dec 2024 01:22

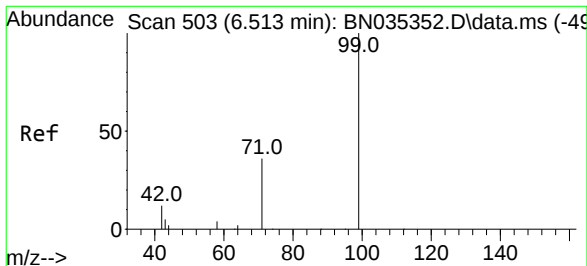
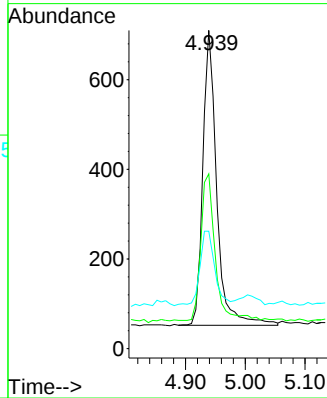
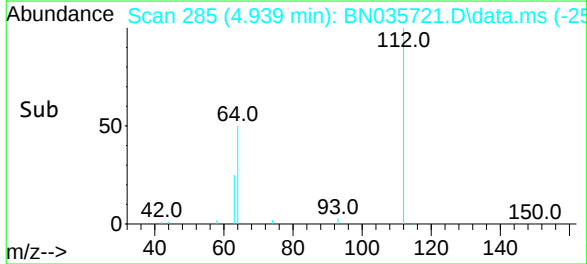
Instrument :
BNA_N
ClientSampleId :
DUP-01-20241209



Tgt Ion: 112 Resp: 1063
Ion Ratio Lower Upper
112 100
64 52.0 39.8 59.8
63 27.4 21.0 31.6

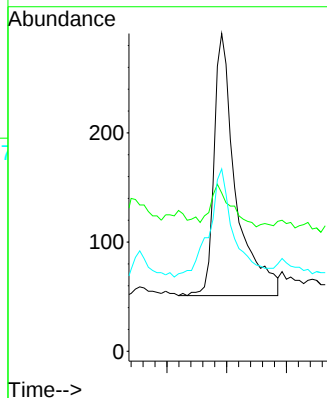
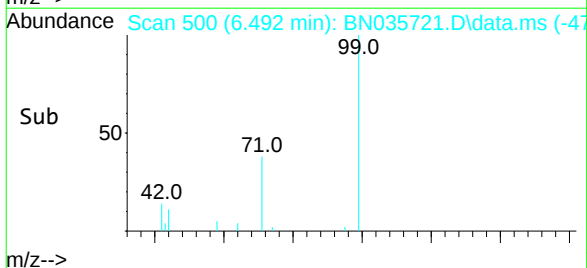
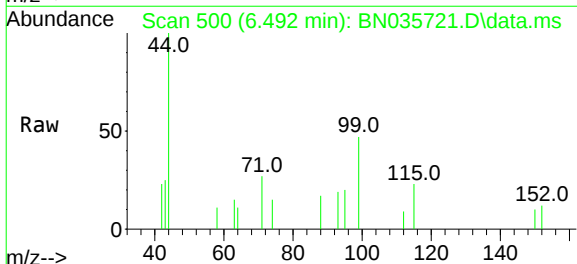
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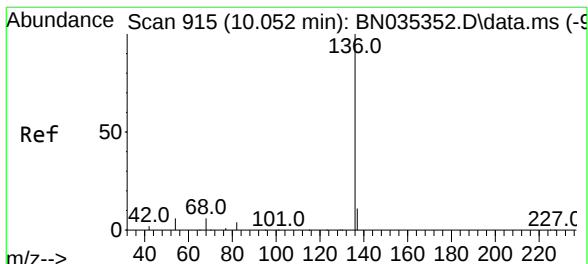
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#5
Phenol-d6
Concen: 0.060 ng
RT: 6.492 min Scan# 500
Delta R.T. -0.000 min
Lab File: BN035721.D
Acq: 20 Dec 2024 01:22

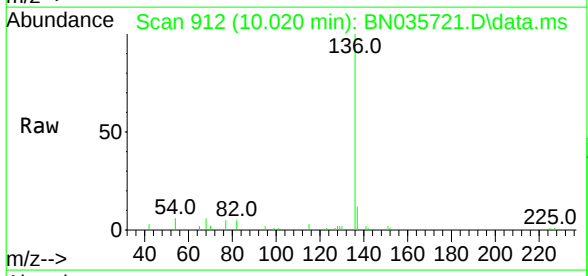
Tgt Ion: 99 Resp: 609
Ion Ratio Lower Upper
99 100
42 18.6 11.4 17.2#
71 45.8 29.3 43.9#





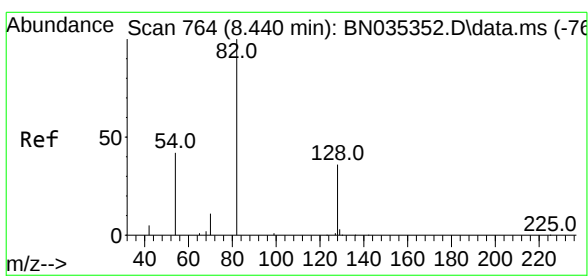
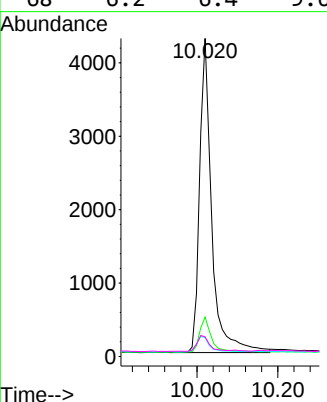
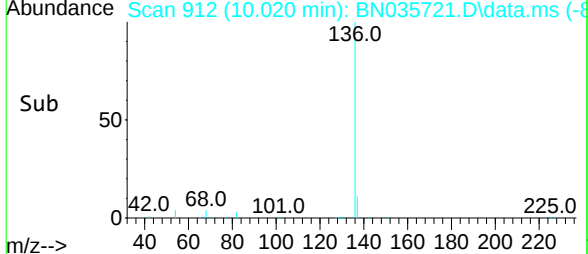
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 915
Delta R.T. -0.000 min
Lab File: BN035721.D
Acq: 20 Dec 2024 01:22

Instrument : BNA_N
ClientSampleId : DUP-01-20241209

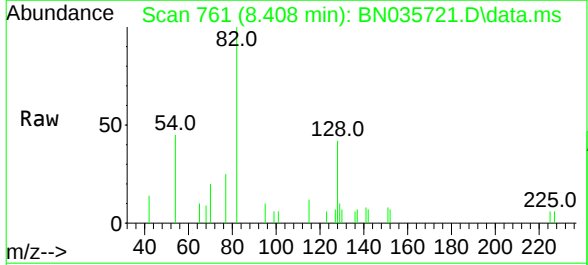


Tgt Ion:	136	Resp:	8947
Ion Ratio	Lower	Upper	
136	100		
137	12.3	10.2	15.2
54	5.9	6.1	9.1#
68	6.2	6.4	9.6#

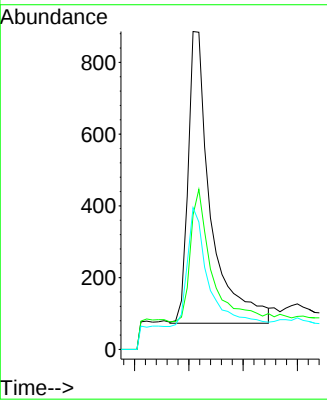
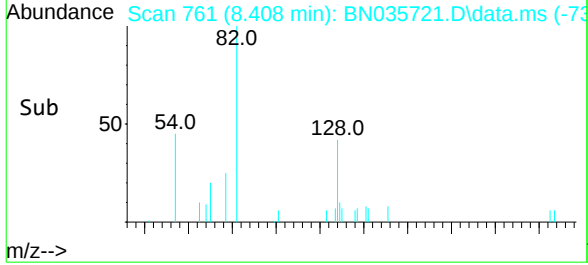
Manual Integrations
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Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

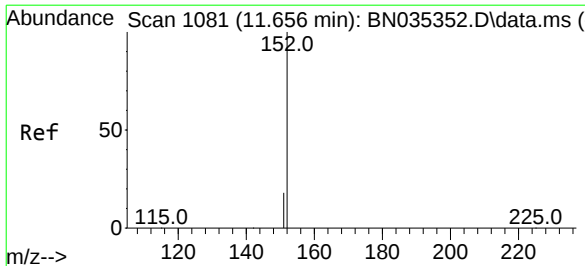


#8
Nitrobenzene-d5
Concen: 0.431 ng m
RT: 8.408 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035721.D
Acq: 20 Dec 2024 01:22



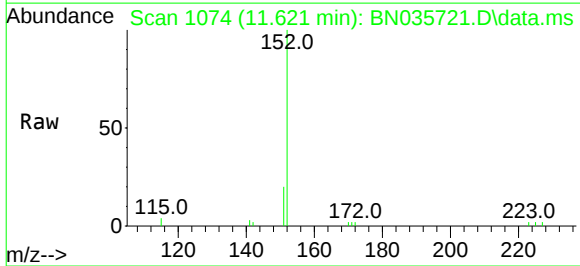
Tgt Ion:	82	Resp:	2356
Ion Ratio	Lower	Upper	
82	100		
128	42.3	33.4	50.0
54	44.6	36.7	55.1





#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 11.621 min Scan# 1081
Delta R.T. -0.000 min
Lab File: BN035721.D
Acq: 20 Dec 2024 01:22

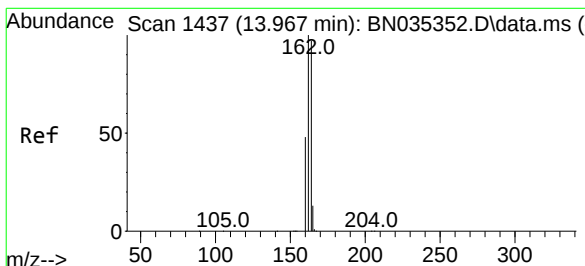
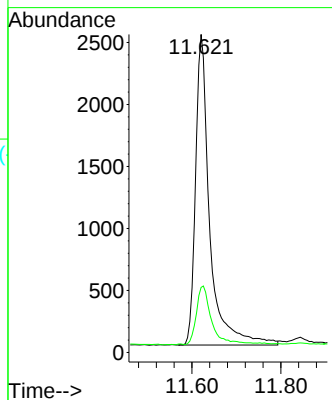
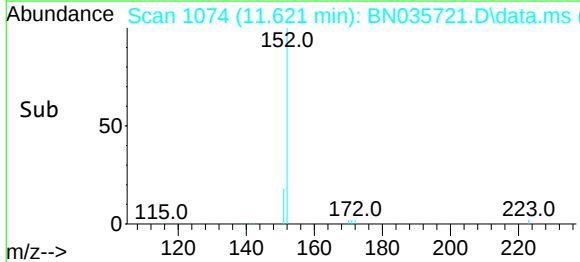
Instrument :
BNA_N
ClientSampleId :
DUP-01-20241209



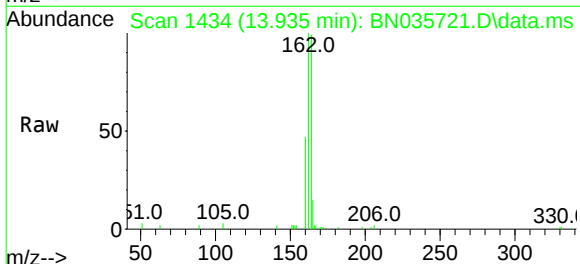
Tgt Ion:152 Resp: 5533
Ion Ratio Lower Upper
152 100
151 20.0 16.6 25.0

Manual Integrations
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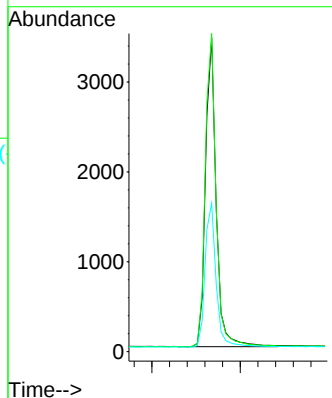
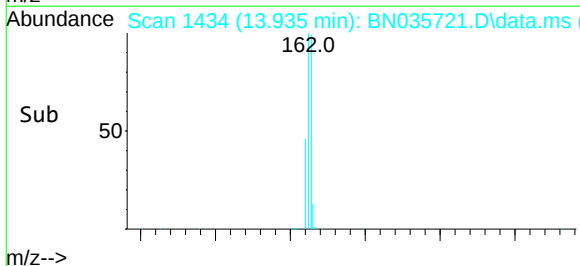
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

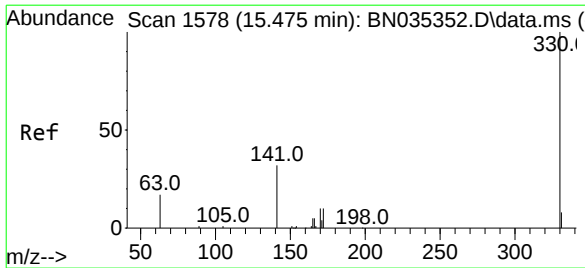


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.935 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BN035721.D
Acq: 20 Dec 2024 01:22



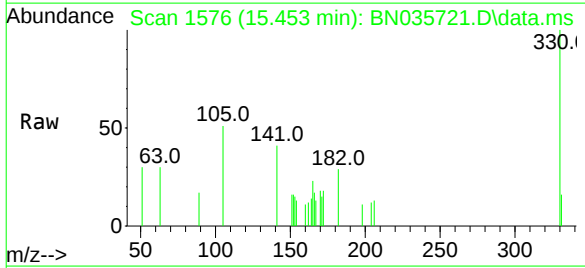
Tgt Ion:164 Resp: 5786
Ion Ratio Lower Upper
164 100
162 101.3 82.2 123.2
160 47.3 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.227 ng
RT: 15.453 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BN035721.D
Acq: 20 Dec 2024 01:22

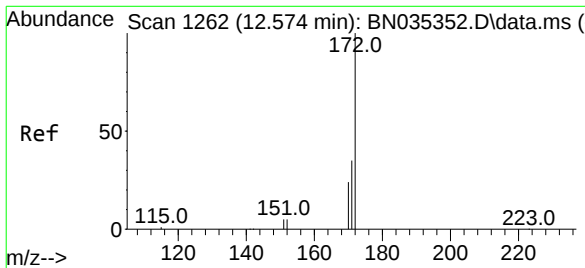
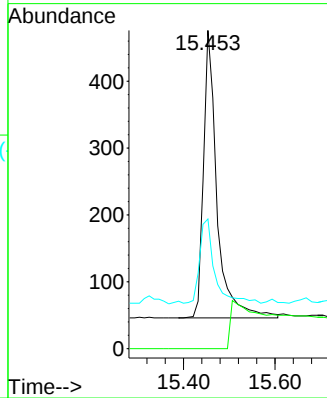
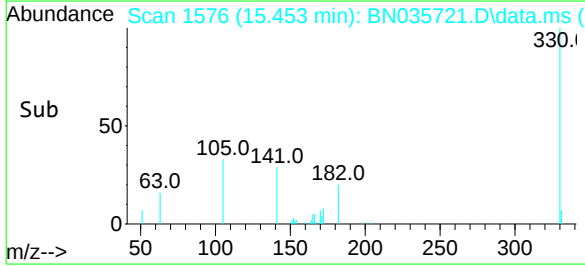
Instrument :
BNA_N
ClientSampleId :
DUP-01-20241209



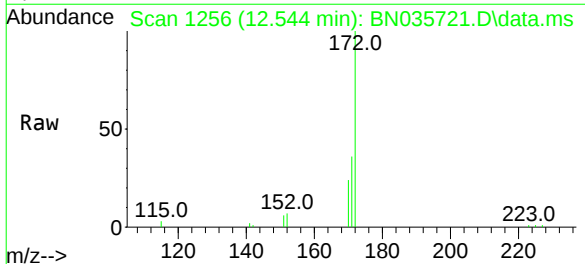
Tgt Ion:	330	Resp:	931
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	31.6	26.6	40.0

Manual Integrations
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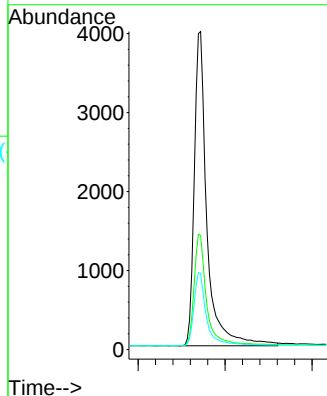
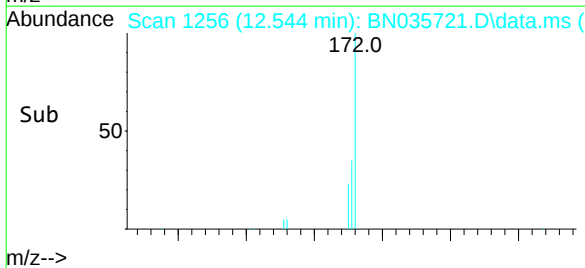
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

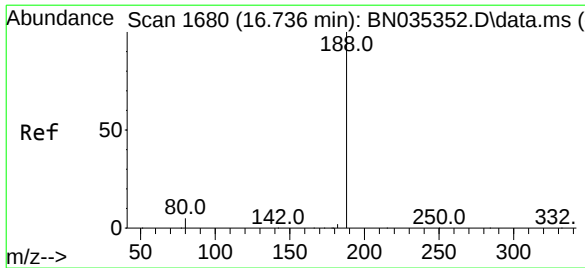


#15
2-Fluorobiphenyl
Concen: 0.369 ng
RT: 12.544 min Scan# 1256
Delta R.T. -0.000 min
Lab File: BN035721.D
Acq: 20 Dec 2024 01:22



Tgt Ion:	172	Resp:	8064
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.0	43.4
170	23.9	19.8	29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.711 min Scan# 16

Delta R.T. 0.012 min

Lab File: BN035721.D

Acq: 20 Dec 2024 01:22

Instrument :

BNA_N

ClientSampleId :

DUP-01-20241209

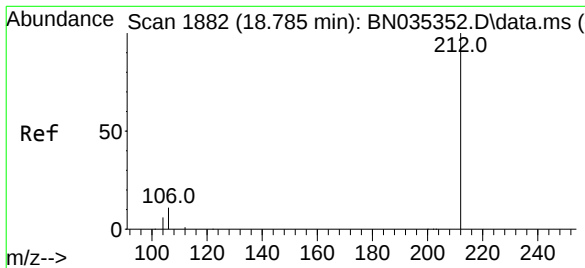
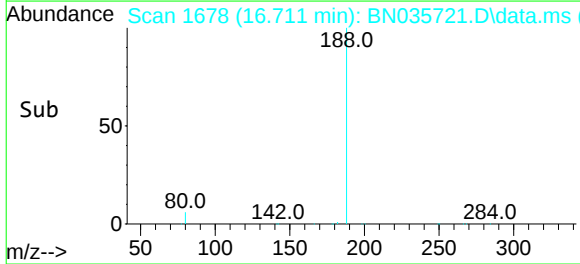
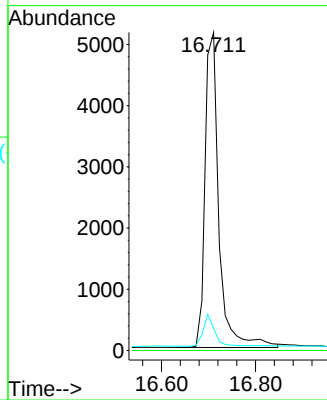
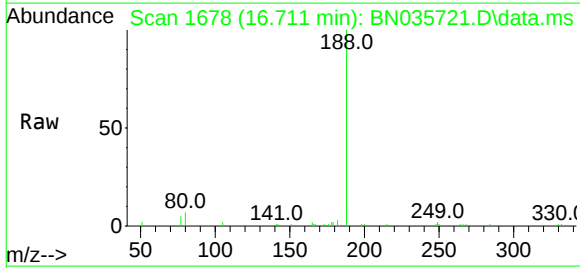
Tgt Ion:	188	Resp:	10480
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.0	4.6	6.8

Manual Integrations

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Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/24/2024



#27

Fluoranthene-d10

Concen: 0.489 ng

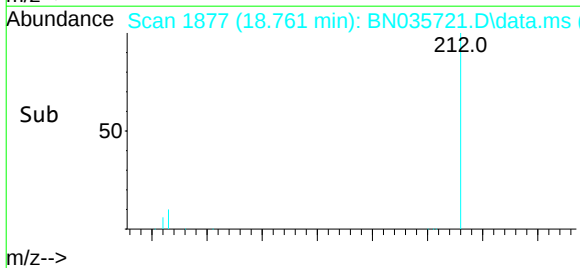
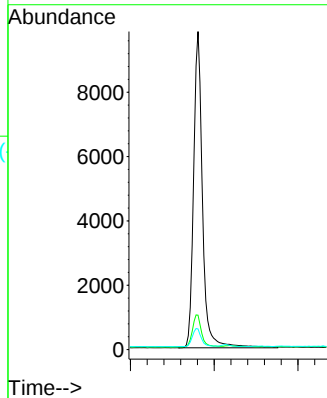
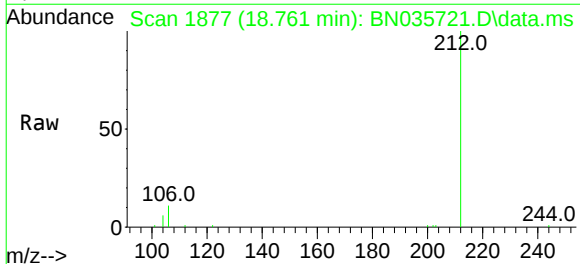
RT: 18.761 min Scan# 1877

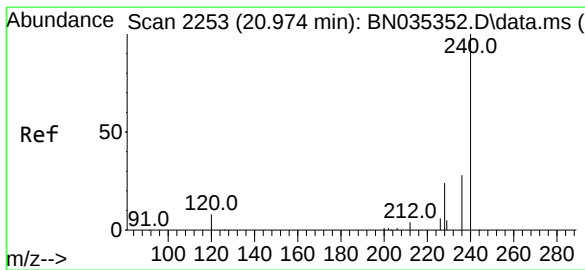
Delta R.T. -0.000 min

Lab File: BN035721.D

Acq: 20 Dec 2024 01:22

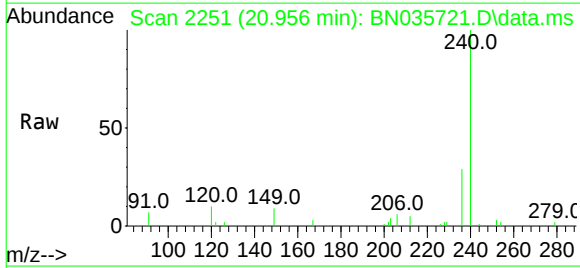
Tgt Ion:	212	Resp:	14533
Ion Ratio	Lower	Upper	
212	100		
106	10.2	9.2	13.8
104	5.8	5.3	7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BN035721.D
Acq: 20 Dec 2024 01:22

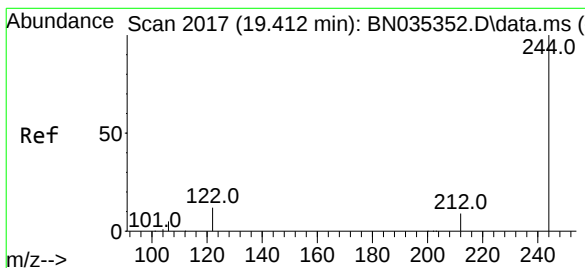
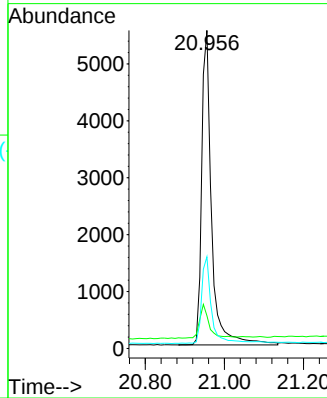
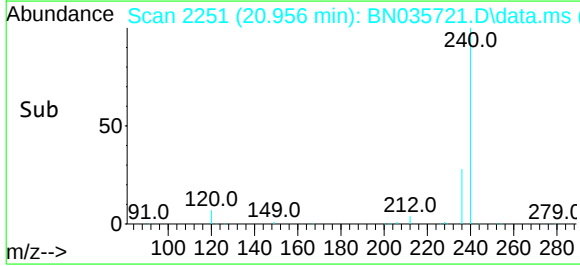
Instrument :
BNA_N
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Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	7.9	11.9
236	28.8	22.9	34.3

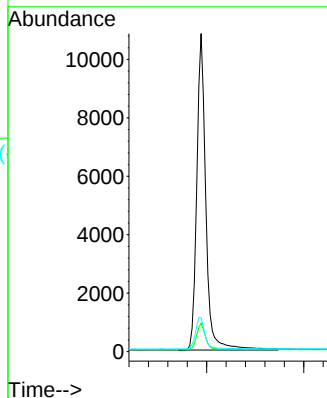
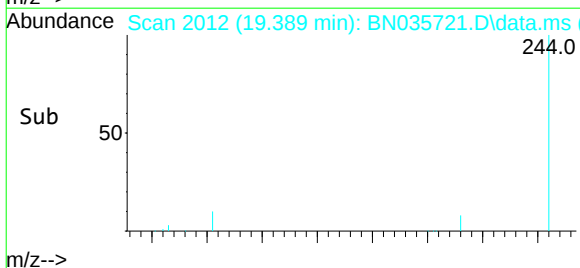
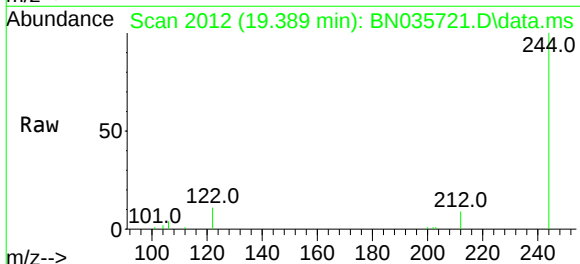
Manual Integrations
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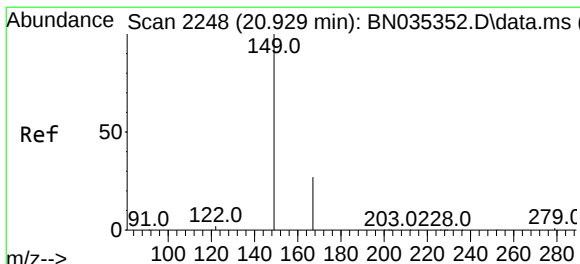
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#31
Terphenyl-d14
Concen: 0.743 ng
RT: 19.389 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BN035721.D
Acq: 20 Dec 2024 01:22

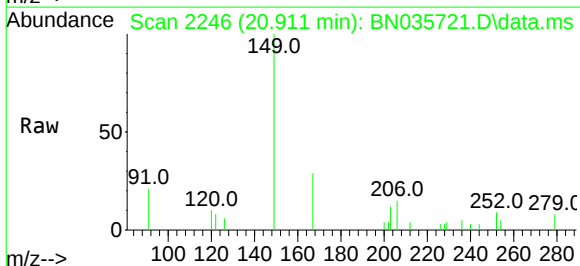
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	8.1	12.1
122	10.6	10.3	15.5





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.146 ng
 RT: 20.911 min Scan# 2246
 Delta R.T. -0.000 min
 Lab File: BN035721.D
 Acq: 20 Dec 2024 01:22

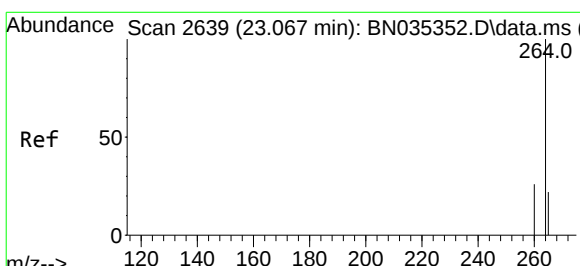
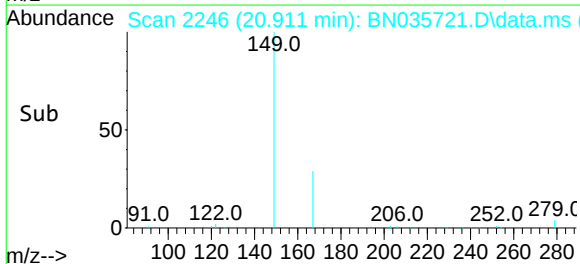
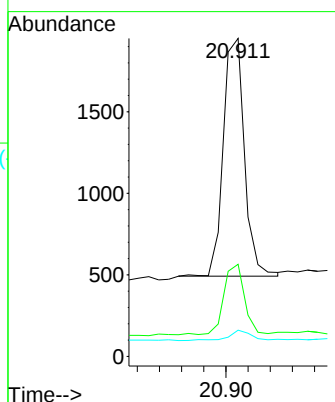
Instrument :
 BNA_N
 ClientSampleId :
 DUP-01-20241209



Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.2	33.4
279	5.0	2.7	4.1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.038 min Scan# 2629
 Delta R.T. -0.003 min
 Lab File: BN035721.D
 Acq: 20 Dec 2024 01:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	21.4	32.2
265	66.1	40.2	60.4

