

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035743.D
 Acq On : 20 Dec 2024 15:54
 Operator : RC/JU
 Sample : P5317-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20241216

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 17:13:24 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.272	152	2642	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	7055	0.400	ng	0.00
13) Acenaphthene-d10	13.925	164	4649	0.400	ng	-0.01
19) Phenanthrene-d10	16.711	188	9628	0.400	ng	# 0.01
29) Chrysene-d12	20.956	240	8017	0.400	ng	0.00
35) Perylene-d12	23.041	264	8108	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	816	0.123	ng	0.00
5) Phenol-d6	6.492	99	528	0.066	ng	0.00
8) Nitrobenzene-d5	8.408	82	1812m	0.421	ng	0.00
11) 2-Methylnaphthalene-d10	11.621	152	4299	0.389	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	653	0.198	ng	0.00
15) 2-Fluorobiphenyl	12.544	172	6245	0.355	ng	0.00
27) Fluoranthene-d10	18.757	212	12171	0.446	ng	0.00
31) Terphenyl-d14	19.389	244	9783	0.619	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.974	88	10619	4.204	ng	100
34) Bis(2-ethylhexyl)phtha...	20.902	149	943	0.085	ng	# 98

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

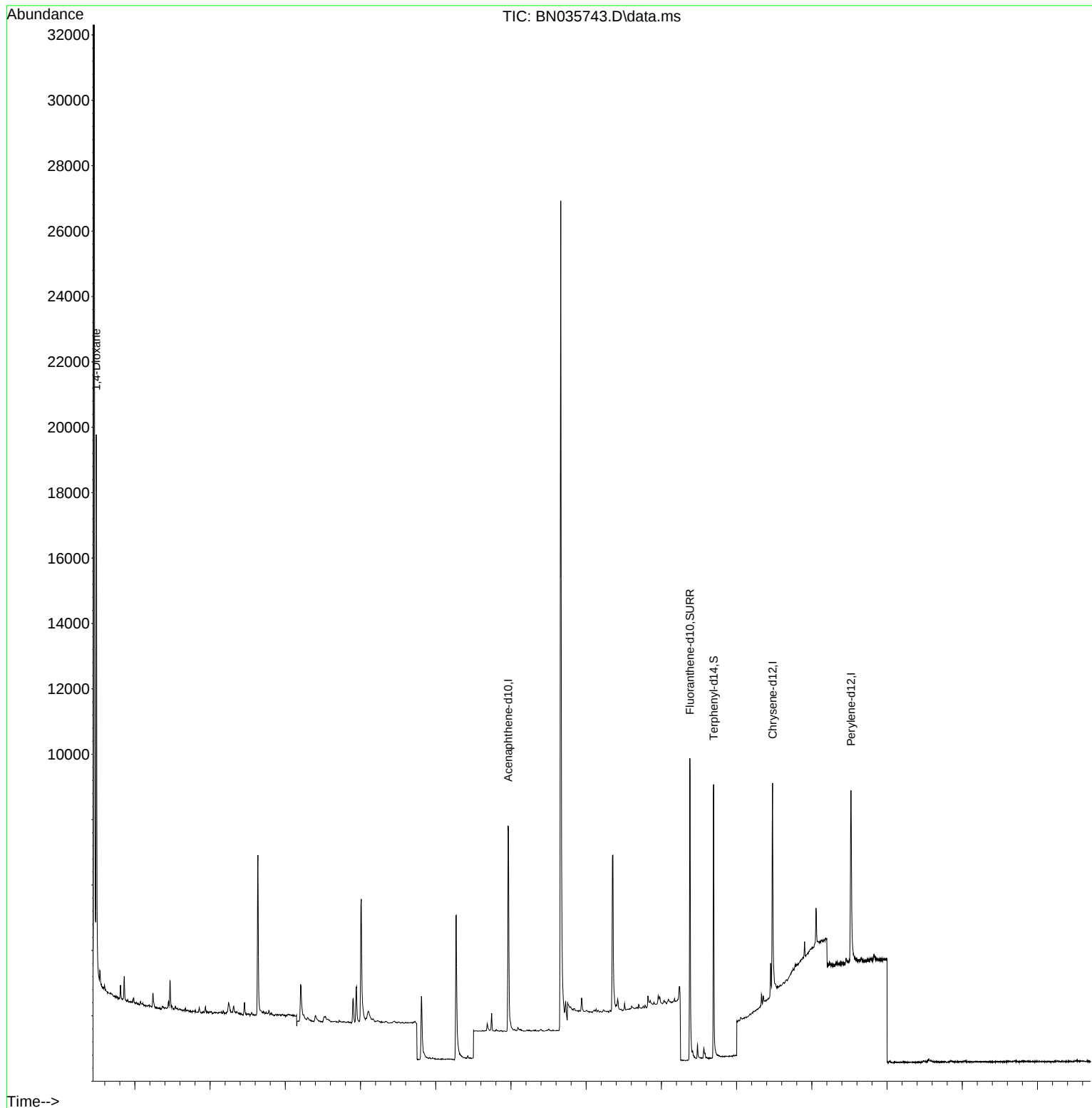
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
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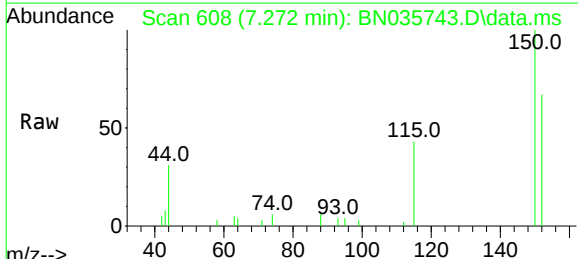
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.272 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BN035743.D
 Acq: 20 Dec 2024 15:54

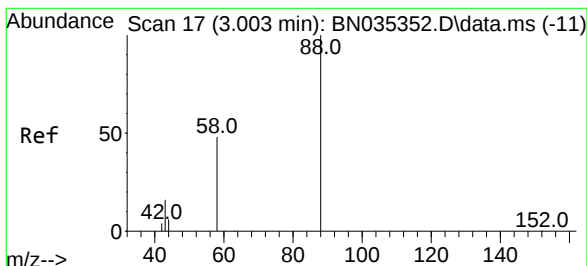
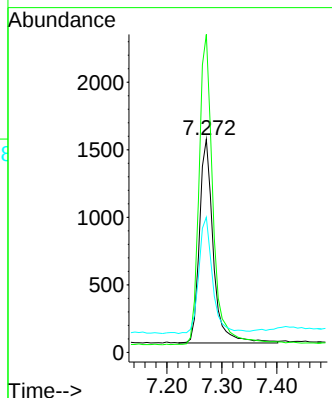
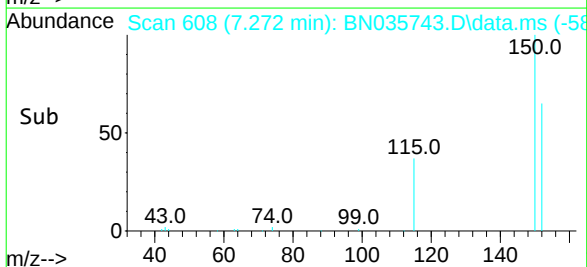
Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20241216



Tgt Ion: 152 Resp: 2642
 Ion Ratio Lower Upper
 152 100
 150 149.2 124.0 186.0
 115 63.4 49.6 74.4

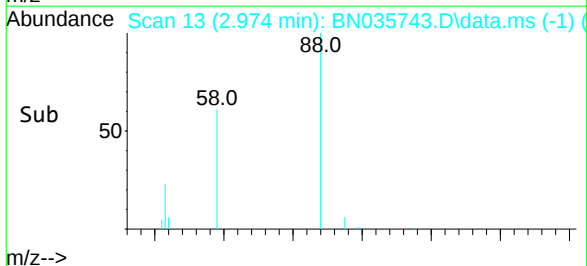
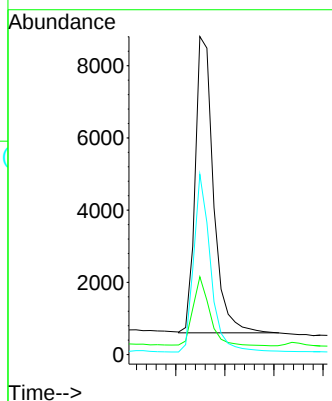
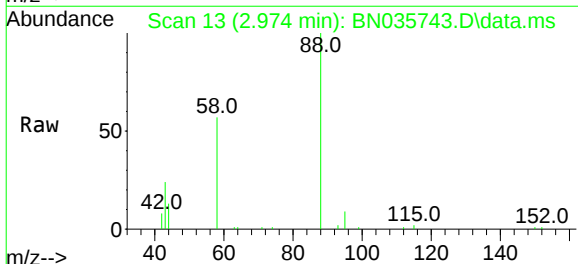
Manual Integrations
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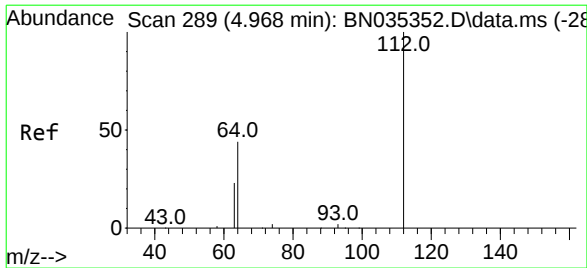
Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024



#2
 1,4-Dioxane
 Concen: 4.204 ng
 RT: 2.974 min Scan# 13
 Delta R.T. -0.007 min
 Lab File: BN035743.D
 Acq: 20 Dec 2024 15:54

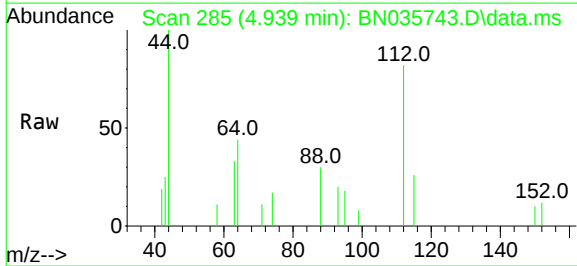
Tgt Ion: 88 Resp: 10619
 Ion Ratio Lower Upper
 88 100
 43 21.4 17.2 25.8
 58 55.5 44.5 66.7





#4
2-Fluorophenol
Concen: 0.123 ng
RT: 4.939 min Scan# 289
Delta R.T. -0.000 min
Lab File: BN035743.D
Acq: 20 Dec 2024 15:54

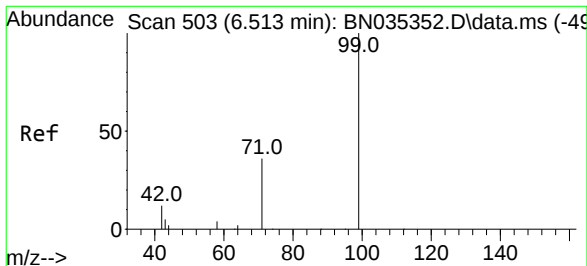
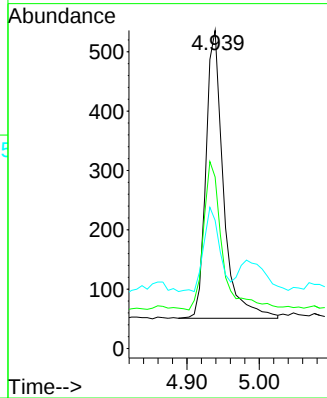
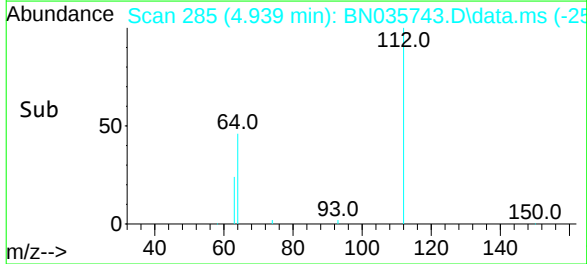
Instrument :
BNA_N
ClientSampleId :
RE114D2-20241216



Tgt Ion:	112	Resp:	816
Ion	Ratio	Lower	Upper
112	100		
64	53.3	39.8	59.8
63	25.4	21.0	31.6

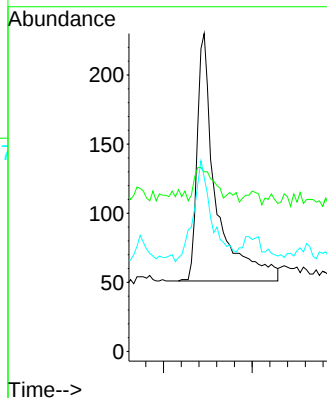
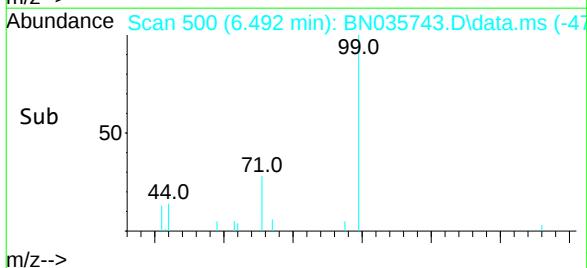
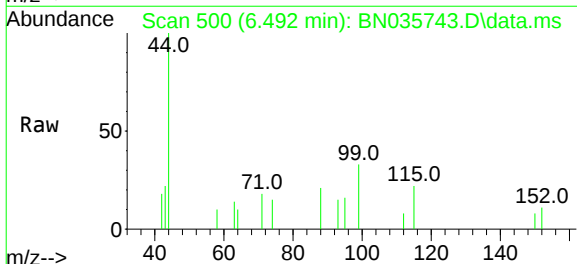
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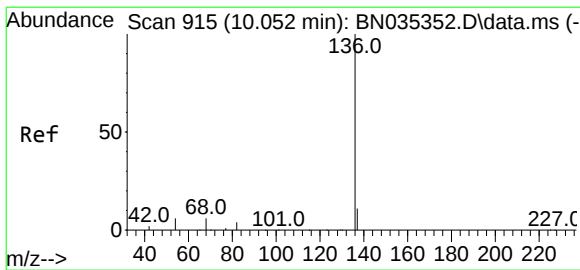
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#5
Phenol-d6
Concen: 0.066 ng
RT: 6.492 min Scan# 500
Delta R.T. -0.000 min
Lab File: BN035743.D
Acq: 20 Dec 2024 15:54

Tgt Ion:	99	Resp:	528
Ion	Ratio	Lower	Upper
99	100		
42	14.2	11.4	17.2
71	40.3	29.3	43.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.020 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN035743.D

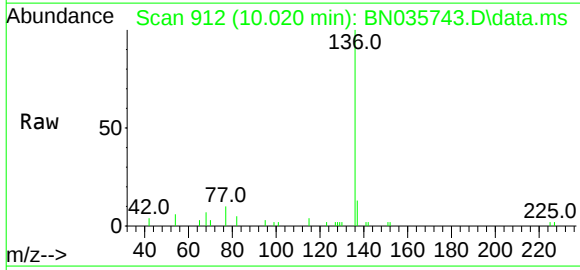
Acq: 20 Dec 2024 15:54

Instrument :

BNA_N

ClientSampleId :

RE114D2-20241216



Tgt Ion:136 Resp: 7055

Ion Ratio Lower Upper

136 100

137 13.0 10.2 15.2

54 6.1 6.1 9.1

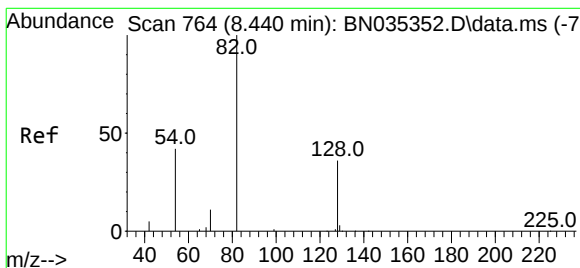
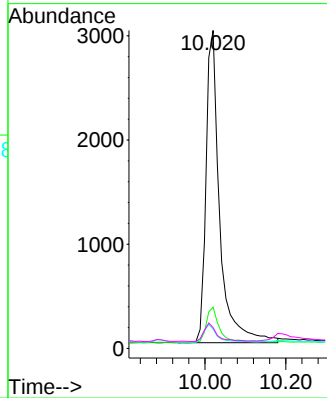
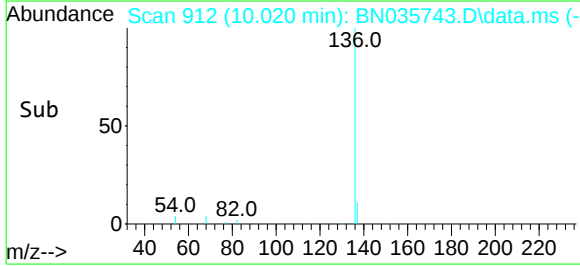
68 6.6 6.4 9.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/24/2024



#8

Nitrobenzene-d5

Concen: 0.421 ng m

RT: 8.408 min Scan# 761

Delta R.T. -0.000 min

Lab File: BN035743.D

Acq: 20 Dec 2024 15:54

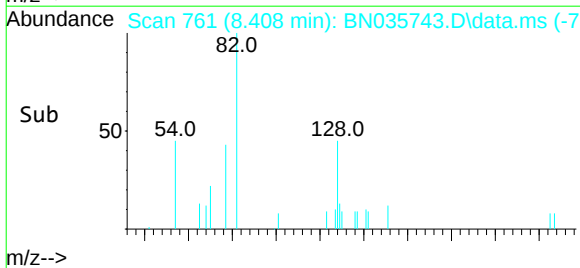
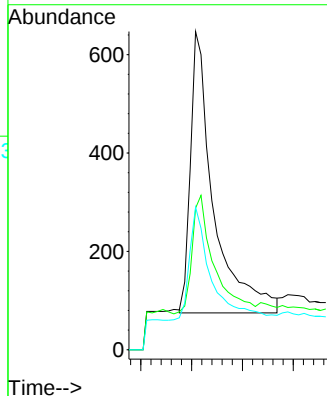
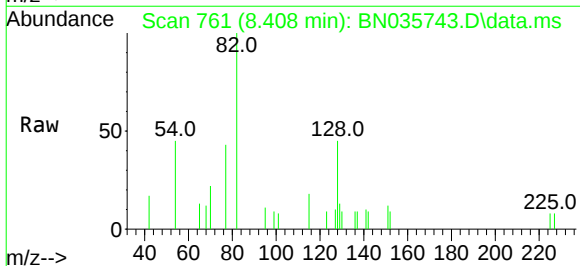
Tgt Ion: 82 Resp: 1812

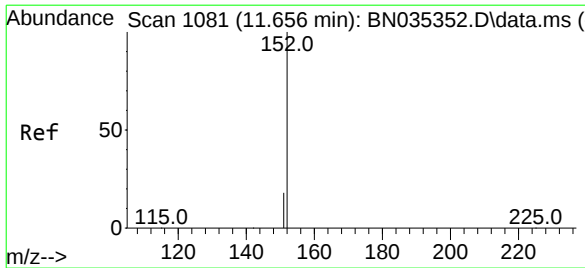
Ion Ratio Lower Upper

82 100

128 44.5 33.4 50.0

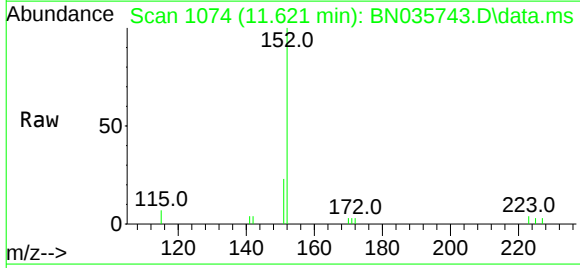
54 44.8 36.7 55.1





#11
2-Methylnaphthalene-d10
Concen: 0.389 ng
RT: 11.621 min Scan# 1081
Delta R.T. -0.000 min
Lab File: BN035743.D
Acq: 20 Dec 2024 15:54

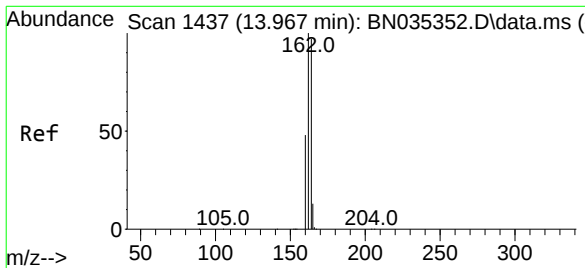
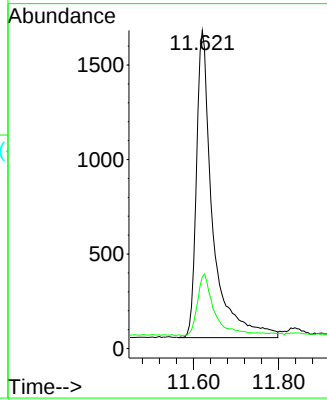
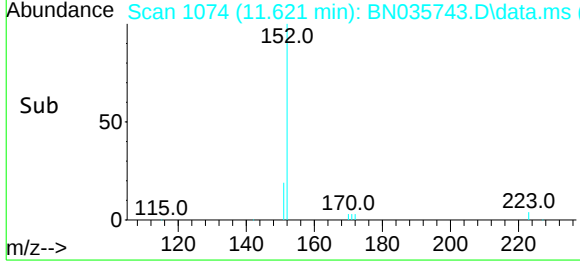
Instrument :
BNA_N
ClientSampleId :
RE114D2-20241216



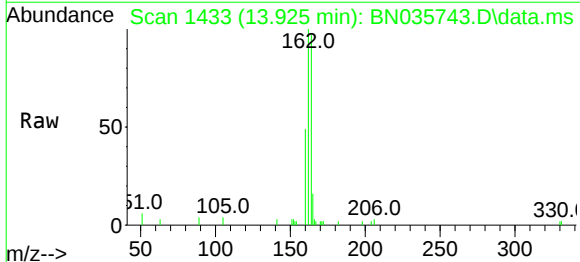
Tgt Ion:152 Resp: 4299
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0

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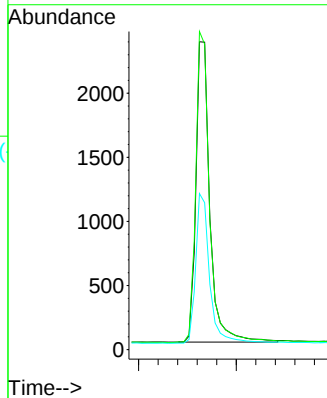
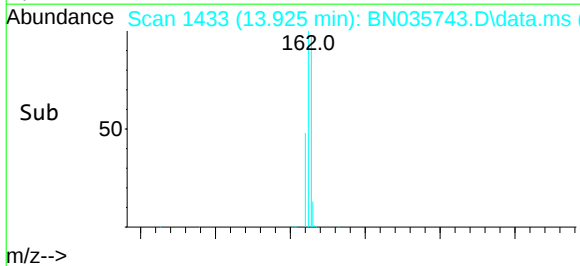
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

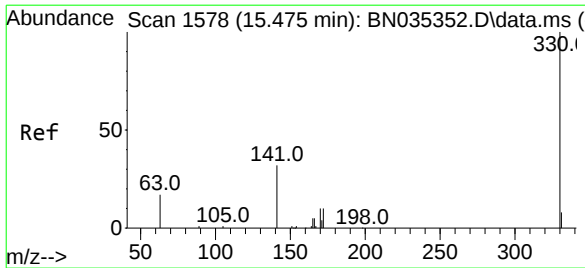


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.925 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035743.D
Acq: 20 Dec 2024 15:54



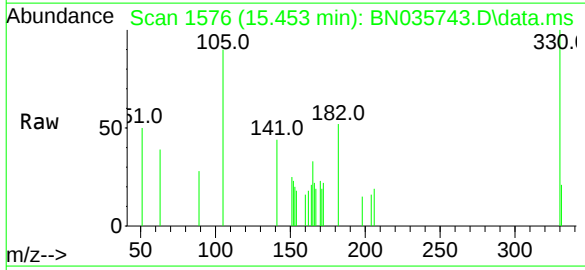
Tgt Ion:164 Resp: 4649
Ion Ratio Lower Upper
164 100
162 103.3 82.2 123.2
160 50.7 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.198 ng
RT: 15.453 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BN035743.D
Acq: 20 Dec 2024 15:54

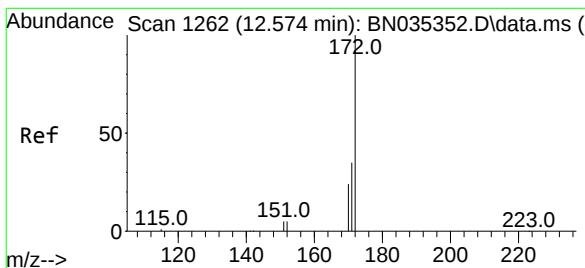
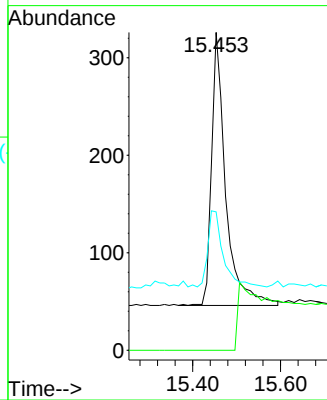
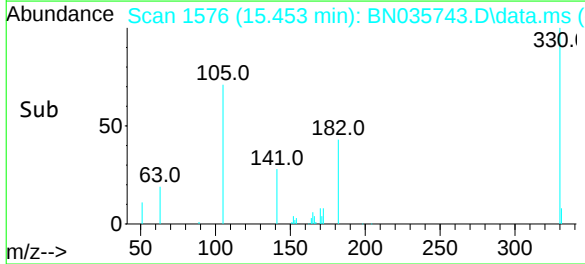
Instrument :
BNA_N
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RE114D2-20241216



Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.9	26.6	40.0

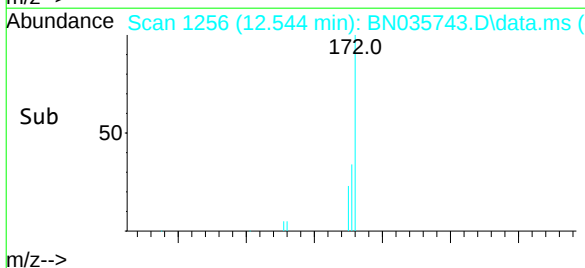
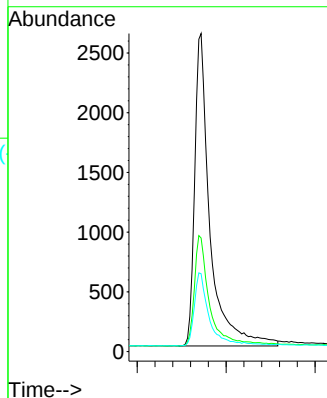
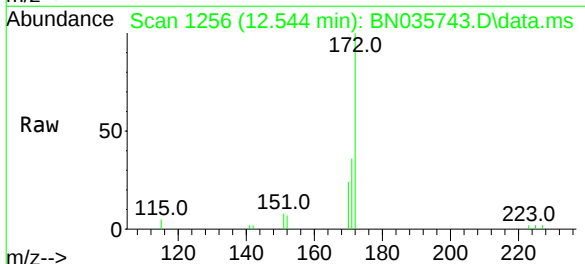
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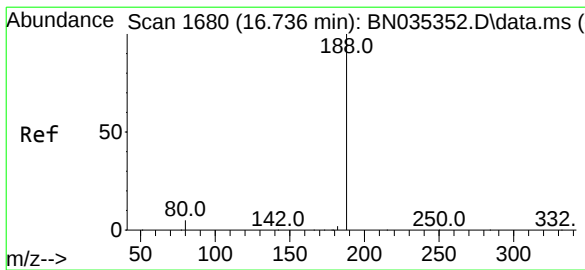
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 12.544 min Scan# 1256
Delta R.T. -0.000 min
Lab File: BN035743.D
Acq: 20 Dec 2024 15:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	24.5	19.8	29.8





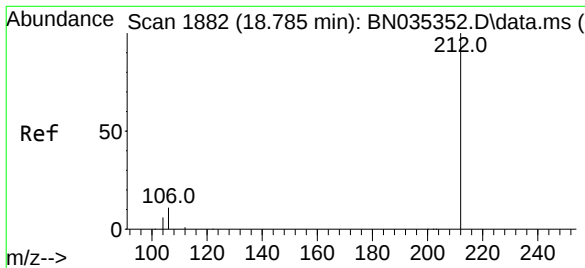
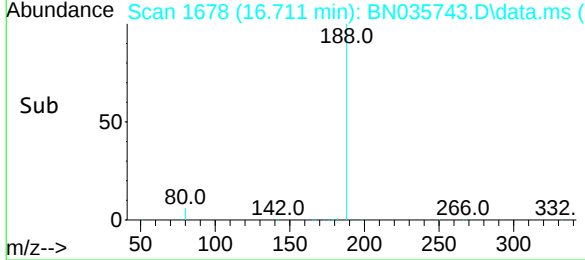
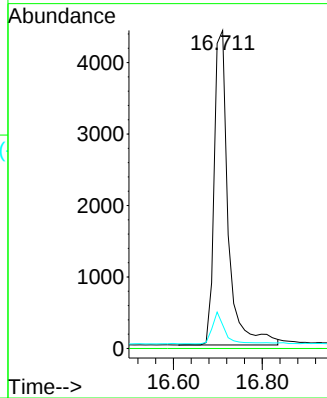
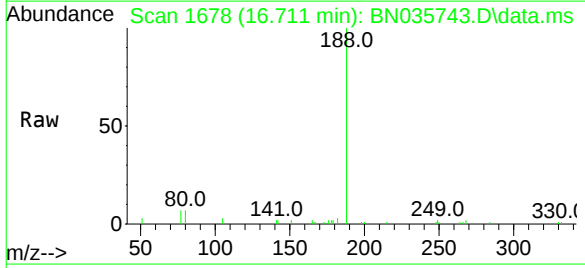
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.711 min Scan# 1678
Delta R.T. 0.012 min
Lab File: BN035743.D
Acq: 20 Dec 2024 15:54

Instrument :
BNA_N
ClientSampleId :
RE114D2-20241216

Tgt Ion:188 Resp: 9628
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 4.6 6.8#

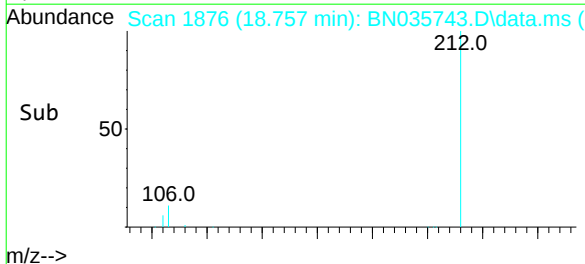
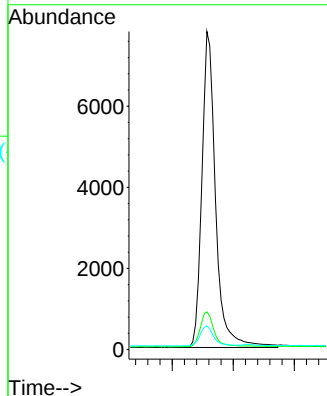
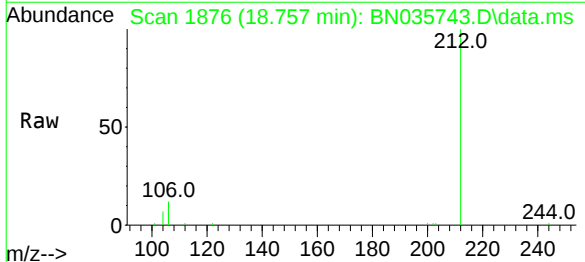
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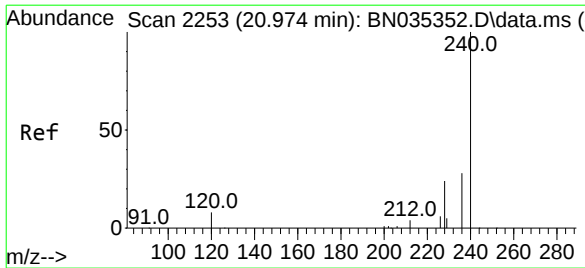
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#27
Fluoranthene-d10
Concen: 0.446 ng
RT: 18.757 min Scan# 1876
Delta R.T. -0.005 min
Lab File: BN035743.D
Acq: 20 Dec 2024 15:54

Tgt Ion:212 Resp: 12171
Ion Ratio Lower Upper
212 100
106 11.1 9.2 13.8
104 6.4 5.3 7.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 20.956 min Scan# 22

Delta R.T. -0.000 min

Lab File: BN035743.D

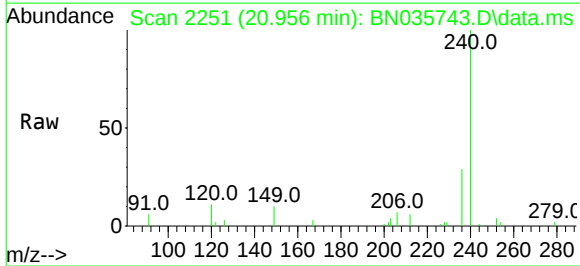
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Instrument :

BNA_N

ClientSampleId :

RE114D2-20241216



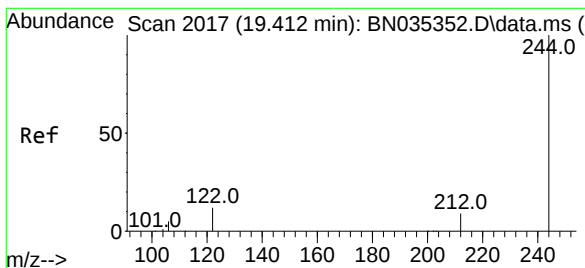
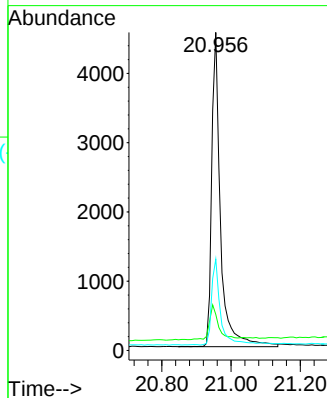
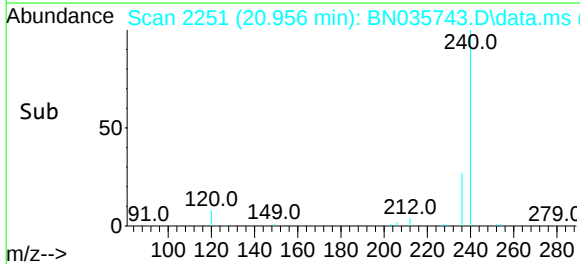
Tgt Ion:	240	Resp:	8017
Ion	Ratio	Lower	Upper
240	100		
120	11.3	7.9	11.9
236	28.7	22.9	34.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/24/2024



#31

Terphenyl-d14

Concen: 0.619 ng

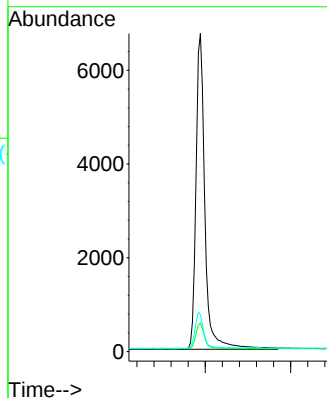
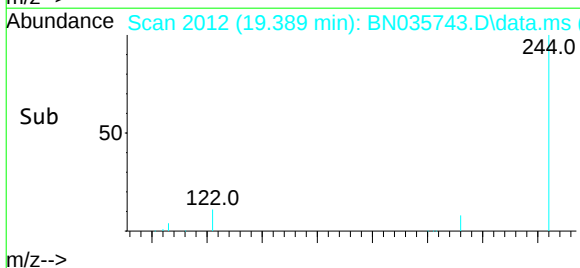
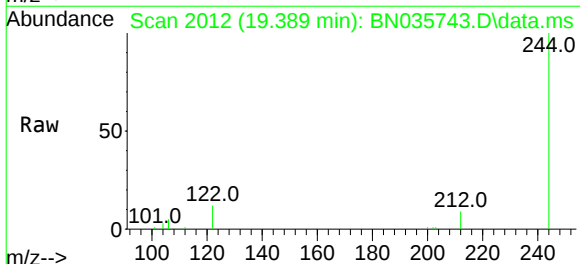
RT: 19.389 min Scan# 2012

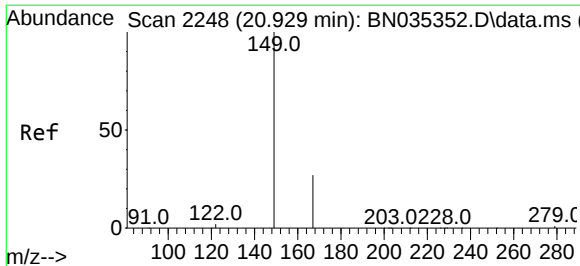
Delta R.T. -0.000 min

Lab File: BN035743.D

Acq: 20 Dec 2024 15:54

Tgt Ion:	244	Resp:	9783
Ion	Ratio	Lower	Upper
244	100		
212	9.0	8.1	12.1
122	11.6	10.3	15.5





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.085 ng

RT: 20.902 min Scan# 2248

Delta R.T. -0.009 min

Lab File: BN035743.D

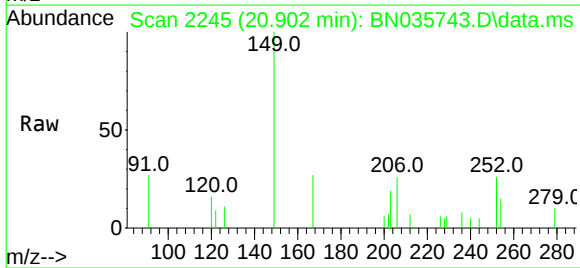
Acq: 20 Dec 2024 15:54

Instrument :

BNA_N

ClientSampleId :

RE114D2-20241216



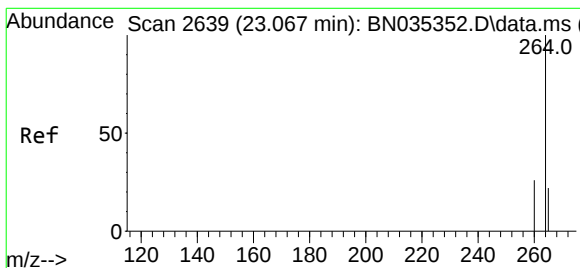
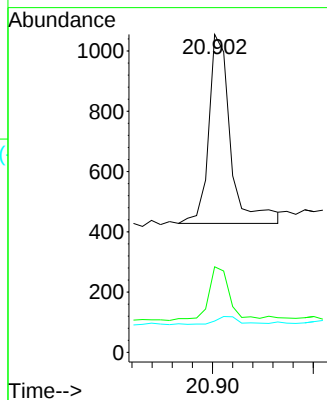
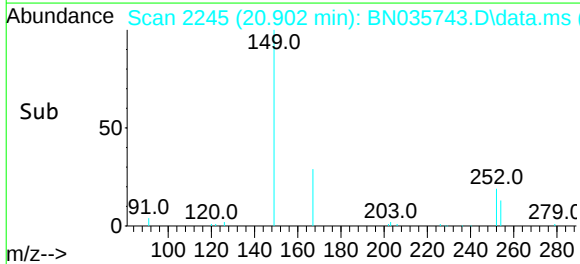
Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.2	33.4
279	4.6	2.7	4.1#

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: 23.041 min Scan# 2630

Delta R.T. -0.000 min

Lab File: BN035743.D

Acq: 20 Dec 2024 15:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.4	32.2
265	83.4	40.2	60.4#

