

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035801.D
 Acq On : 24 Dec 2024 02:25
 Operator : RC/JU
 Sample : P5282-01
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20241212

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 03:21:17 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	7.264	152	3177	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	7310	0.400	ng	-0.01
13) Acenaphthene-d10	13.925	164	4565	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	8849	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	7146	0.400	ng	# 0.00
35) Perylene-d12	23.032	264	6969	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	978	0.123	ng	0.00
5) Phenol-d6	6.484	99	505	0.053	ng	0.00
8) Nitrobenzene-d5	8.408	82	2041m	0.457	ng	0.00
11) 2-Methylnaphthalene-d10	11.616	152	4222	0.369	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	599	0.185	ng	0.00
15) 2-Fluorobiphenyl	12.534	172	6574	0.381	ng	-0.01
27) Fluoranthene-d10	18.752	212	11295	0.450	ng	0.00
31) Terphenyl-d14	19.379	244	8274	0.587	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.974	88	18124	5.967	ng	99
34) Bis(2-ethylhexyl)phtha...	20.902	149	657	0.067	ng	98

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

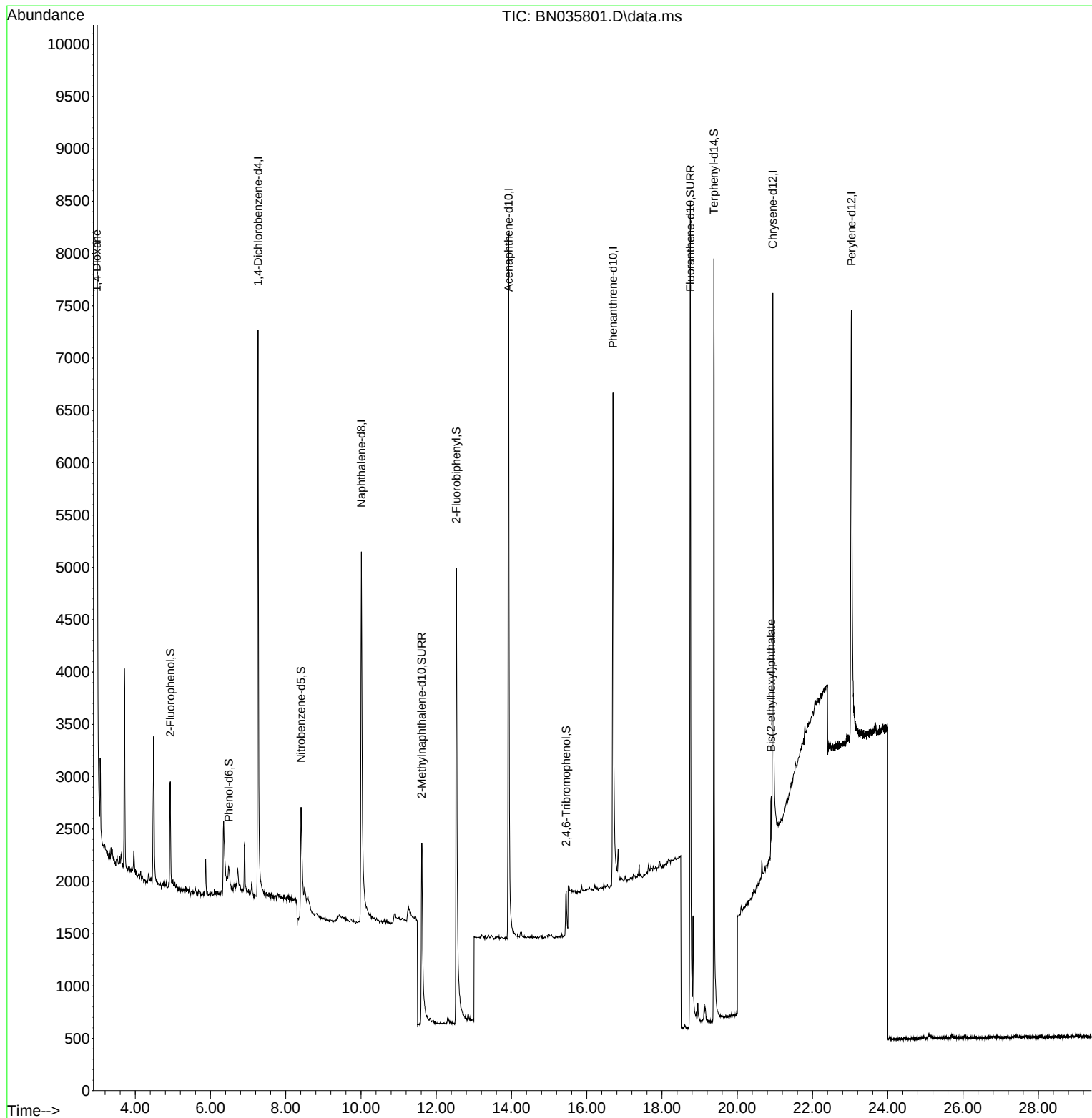
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
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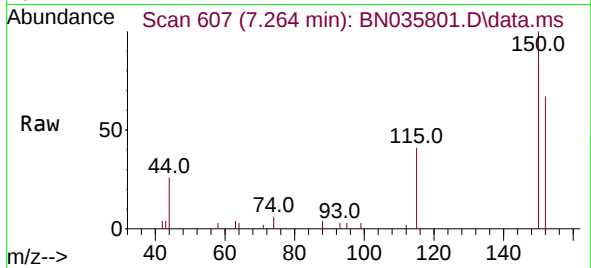
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.264 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN035801.D
Acq: 24 Dec 2024 02:25

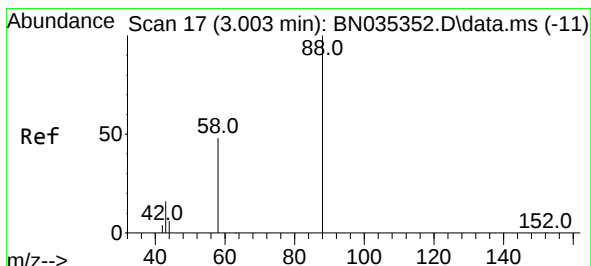
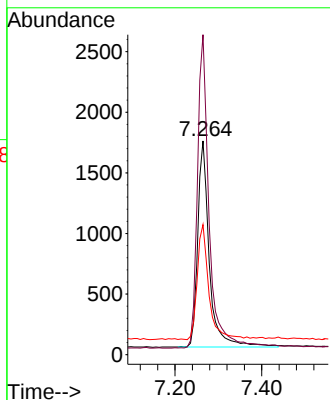
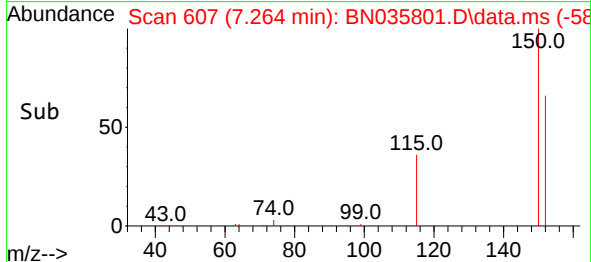
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241212



Tgt Ion:152 Resp: 317
Ion Ratio Lower Upper
152 100
150 149.7 124.0 186.0
115 60.8 49.6 74.4

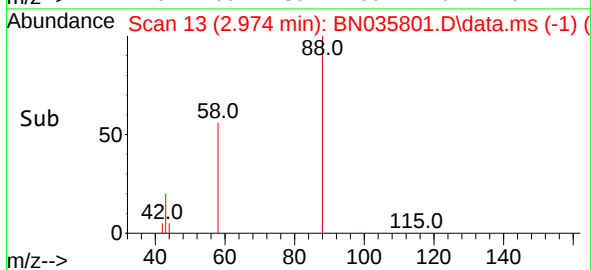
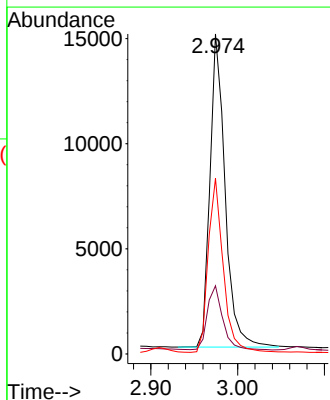
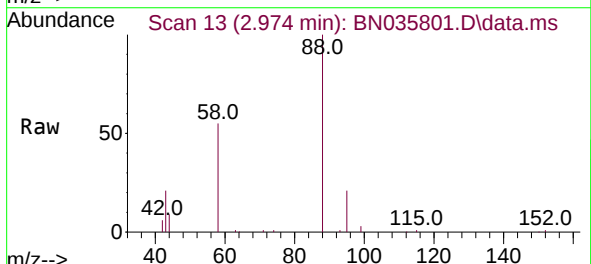
Manual Integrations
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Supervised By :mohammad ahmed 12/26/2024



#2
1,4-Dioxane
Concen: 5.967 ng
RT: 2.974 min Scan# 13
Delta R.T. -0.007 min
Lab File: BN035801.D
Acq: 24 Dec 2024 02:25

Tgt Ion: 88 Resp: 18124
Ion Ratio Lower Upper
88 100
43 20.9 17.2 25.8
58 55.1 44.5 66.7





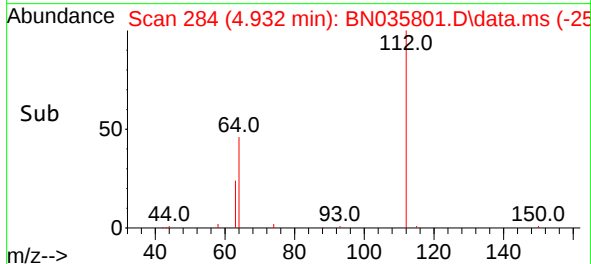
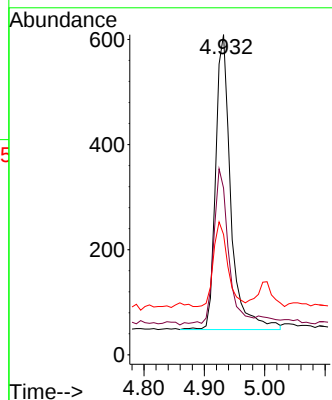
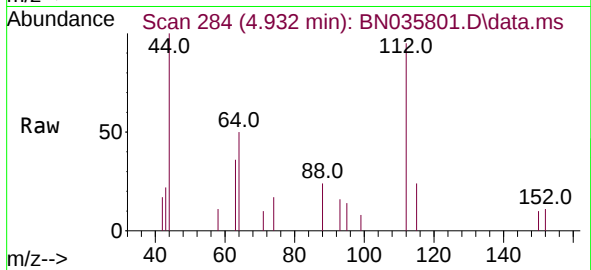
#4
2-Fluorophenol
Concen: 0.123 ng
RT: 4.932 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN035801.D
Acq: 24 Dec 2024 02:25

Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241212

Tgt Ion:112 Resp: 978
Ion Ratio Lower Upper
112 100
64 51.9 39.8 59.8
63 28.3 21.0 31.6

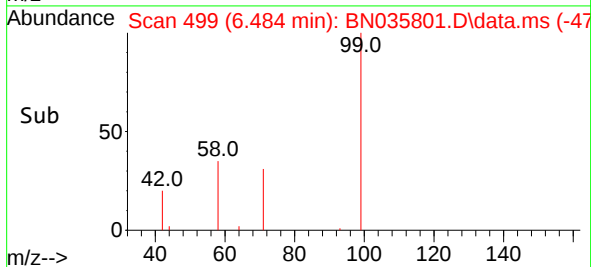
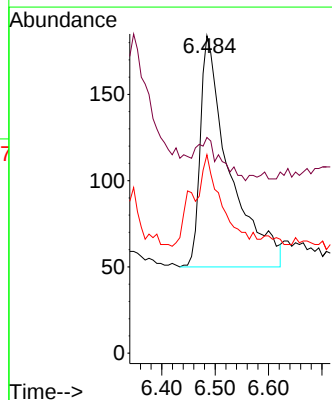
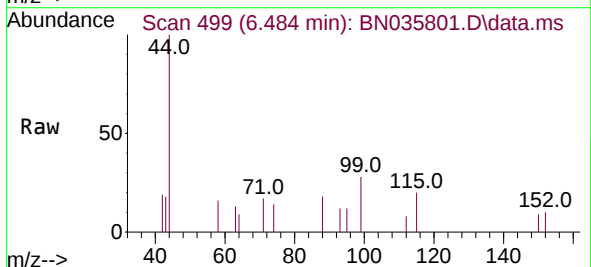
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Supervised By :mohammad ahmed 12/26/2024



#5
Phenol-d6
Concen: 0.053 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035801.D
Acq: 24 Dec 2024 02:25

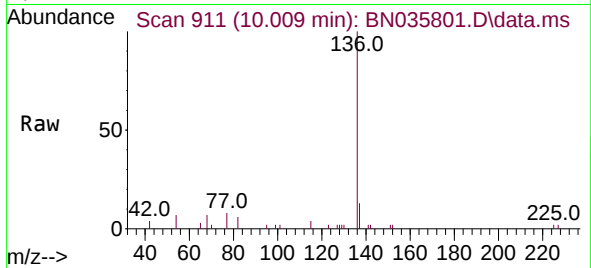
Tgt Ion: 99 Resp: 505
Ion Ratio Lower Upper
99 100
42 18.0 11.4 17.2#
71 39.4 29.3 43.9





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN035801.D
Acq: 24 Dec 2024 02:25

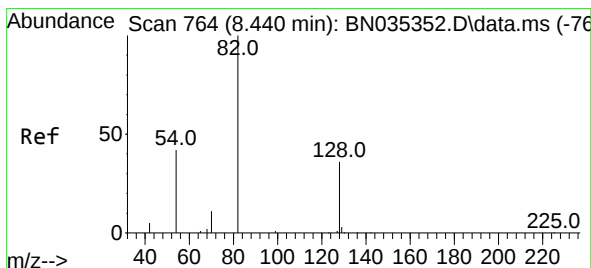
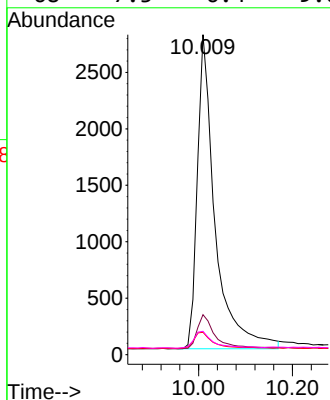
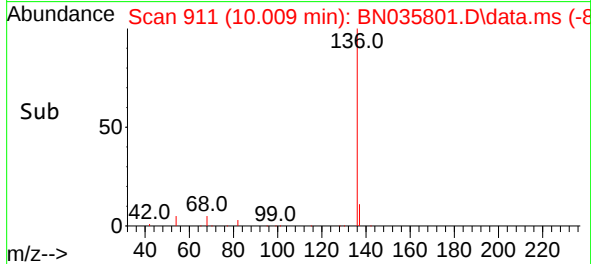
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241212



Tgt Ion:136 Resp: 7310
Ion Ratio Lower Upper
136 100
137 12.5 10.2 15.2
54 7.0 6.1 9.1
68 7.3 6.4 9.6

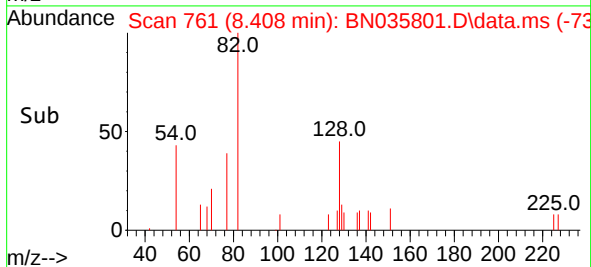
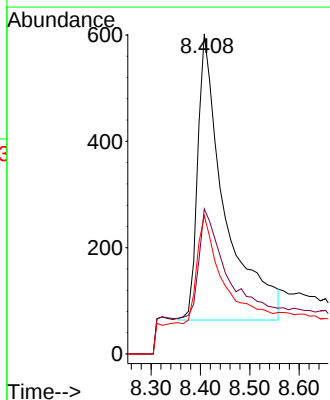
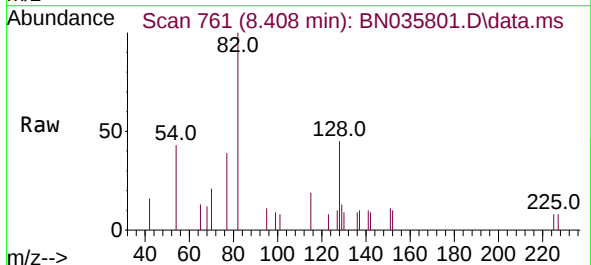
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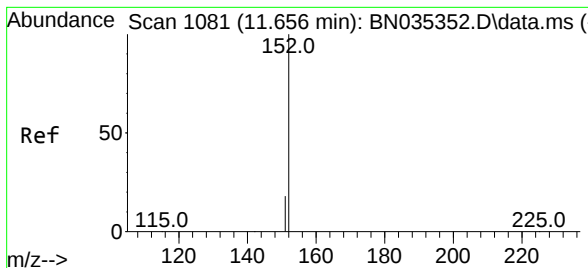
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#8
Nitrobenzene-d5
Concen: 0.457 ng m
RT: 8.408 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035801.D
Acq: 24 Dec 2024 02:25

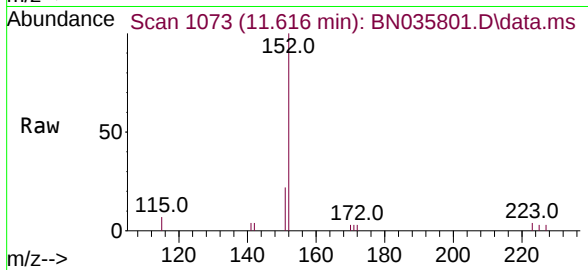
Tgt Ion: 82 Resp: 2041
Ion Ratio Lower Upper
82 100
128 45.3 33.4 50.0
54 43.2 36.7 55.1





#11
2-Methylnaphthalene-d10
Concen: 0.369 ng
RT: 11.616 min Scan# 1081
Delta R.T. -0.005 min
Lab File: BN035801.D
Acq: 24 Dec 2024 02:25

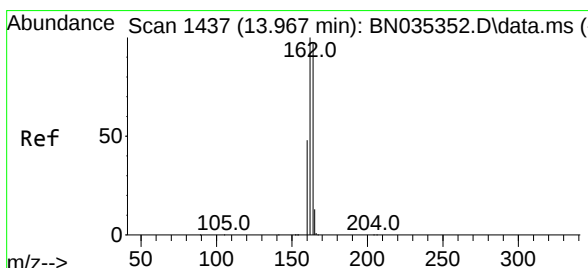
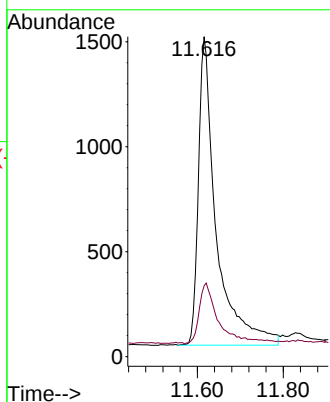
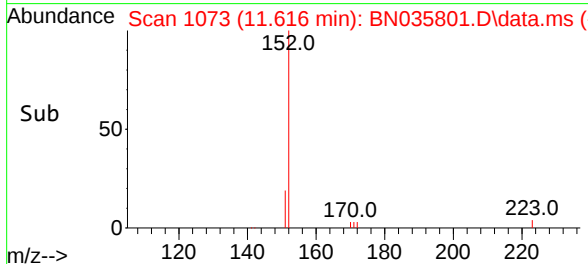
Instrument :
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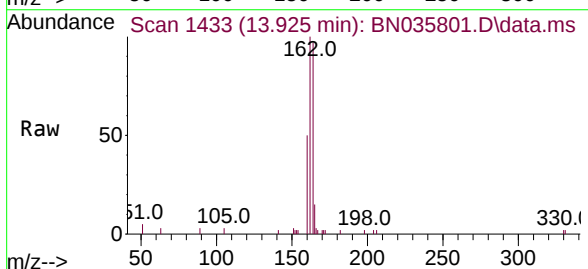
Tgt Ion:152 Resp: 422
Ion Ratio Lower Upper
152 100
151 21.7 16.6 25.0

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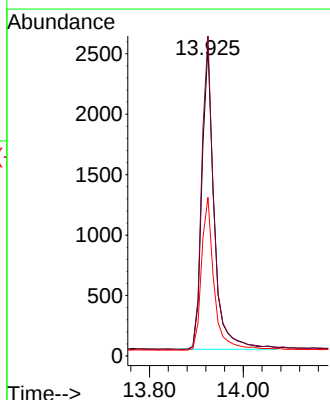
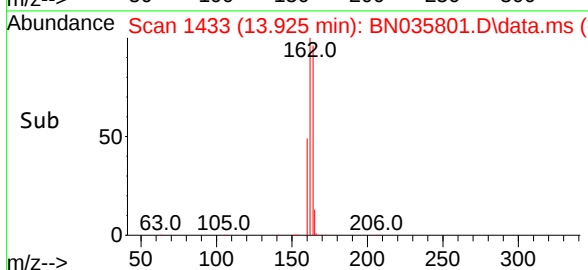
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.925 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035801.D
Acq: 24 Dec 2024 02:25



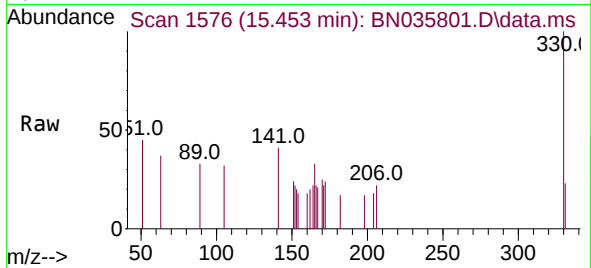
Tgt Ion:164 Resp: 4565
Ion Ratio Lower Upper
164 100
162 103.4 82.2 123.2
160 51.3 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.185 ng
RT: 15.453 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN035801.D
Acq: 24 Dec 2024 02:25

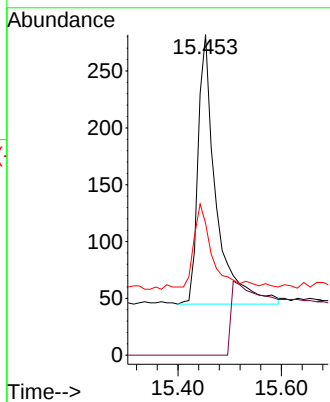
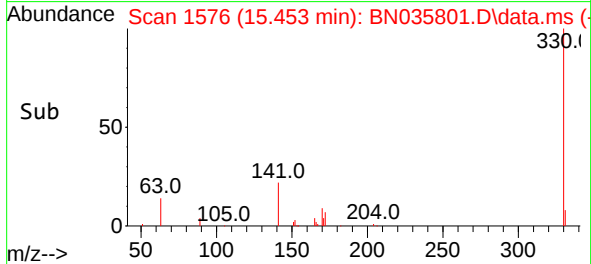
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241212



Tgt Ion:330 Resp: 599
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.7 26.6 40.0

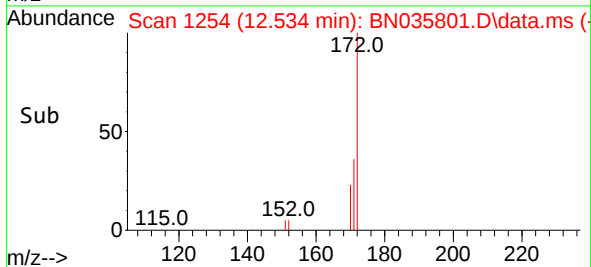
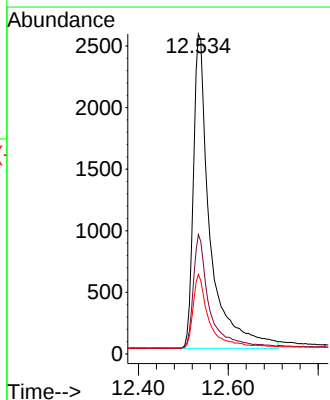
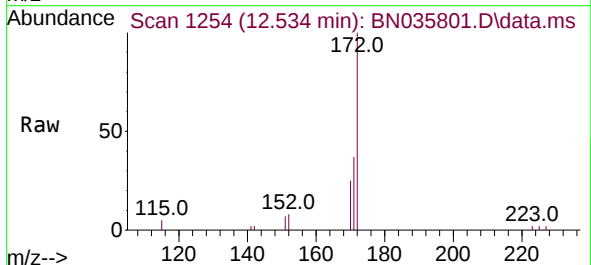
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#15
2-Fluorobiphenyl
Concen: 0.381 ng
RT: 12.534 min Scan# 1254
Delta R.T. -0.010 min
Lab File: BN035801.D
Acq: 24 Dec 2024 02:25

Tgt Ion:172 Resp: 6574
Ion Ratio Lower Upper
172 100
171 37.4 29.0 43.4
170 24.8 19.8 29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.698 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN035801.D

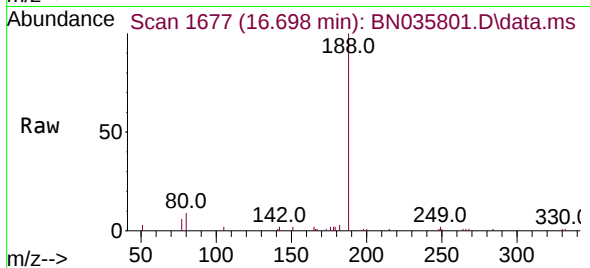
Acq: 24 Dec 2024 02:25

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20241212



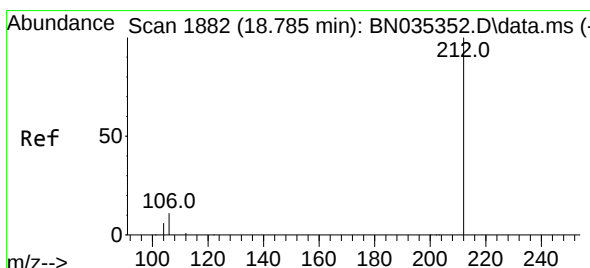
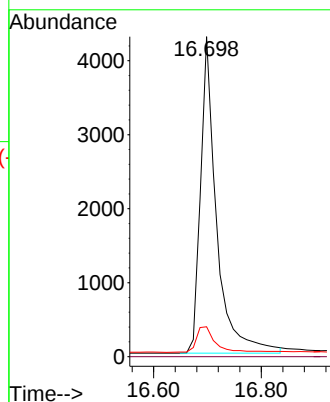
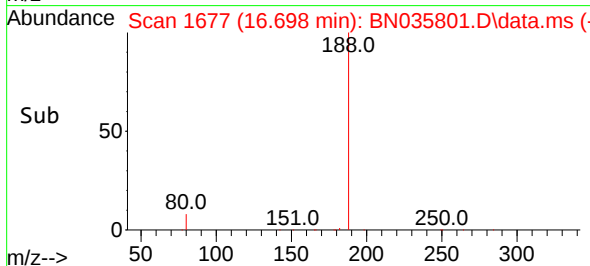
Tgt Ion:	188	Resp:	8849
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.3	4.6	6.8

Manual Integrations

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#27

Fluoranthene-d10

Concen: 0.450 ng

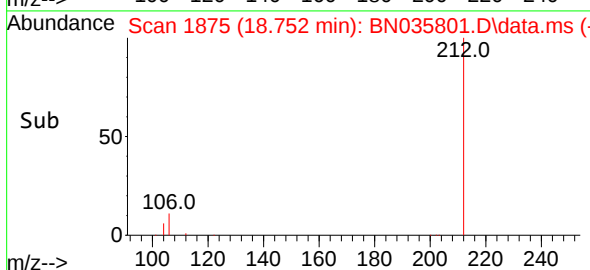
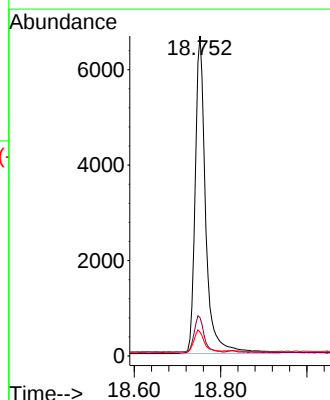
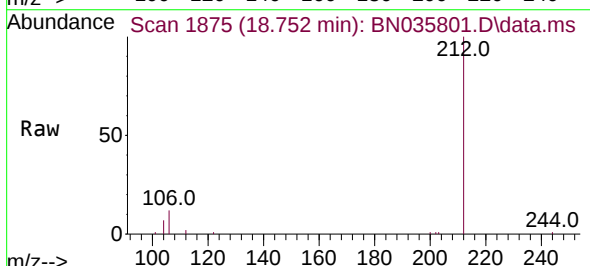
RT: 18.752 min Scan# 1875

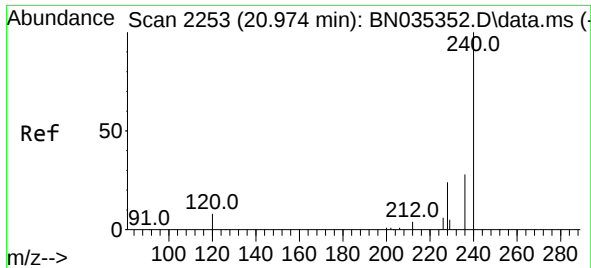
Delta R.T. -0.009 min

Lab File: BN035801.D

Acq: 24 Dec 2024 02:25

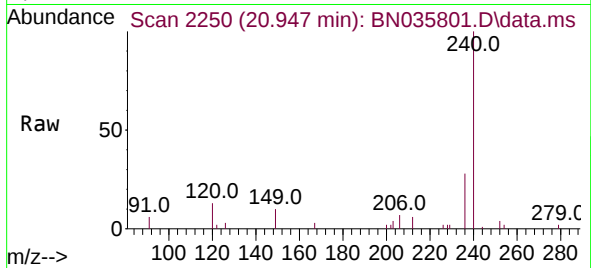
Tgt Ion:	212	Resp:	11295
Ion Ratio	Lower	Upper	
212	100		
106	11.2	9.2	13.8
104	6.5	5.3	7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2100
Delta R.T. -0.009 min
Lab File: BN035801.D
Acq: 24 Dec 2024 02:25

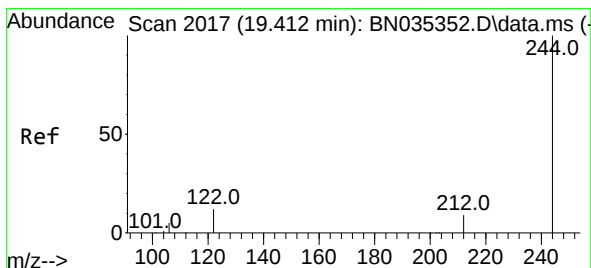
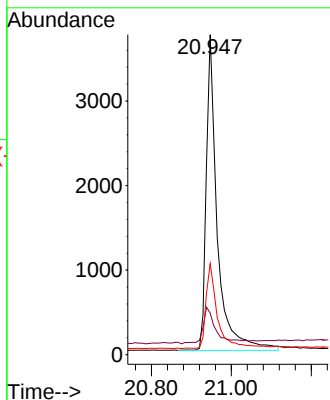
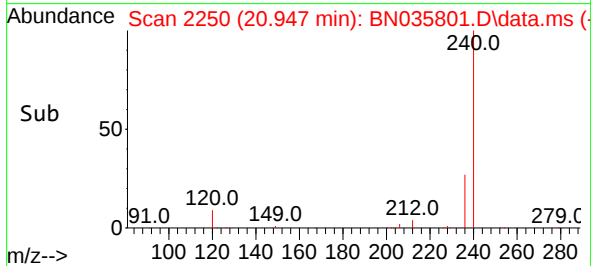
Instrument :
BNA_N
ClientSampleId :
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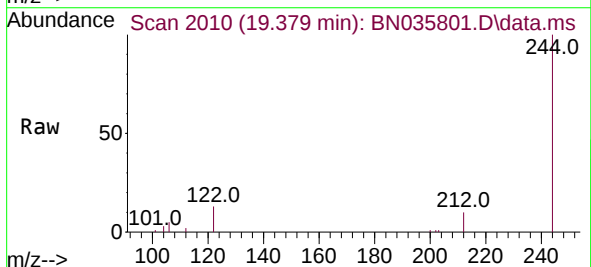
Tgt Ion:240 Resp: 7140
Ion Ratio Lower Upper
240 100
120 13.0 7.9 11.9
236 28.5 22.9 34.3

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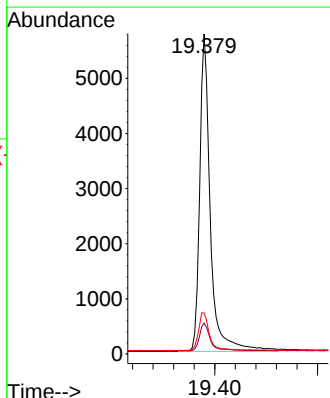
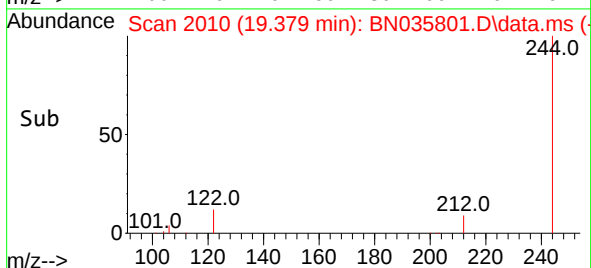
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024

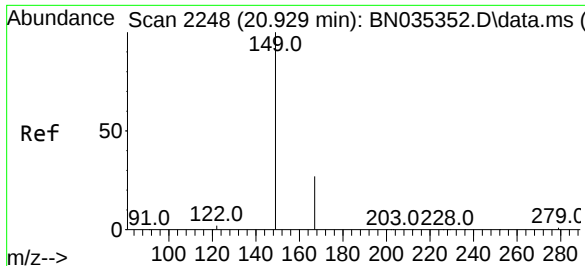


#31
Terphenyl-d14
Concen: 0.587 ng
RT: 19.379 min Scan# 2010
Delta R.T. -0.009 min
Lab File: BN035801.D
Acq: 24 Dec 2024 02:25



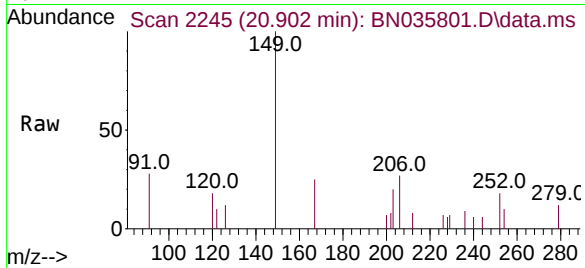
Tgt Ion:244 Resp: 8274
Ion Ratio Lower Upper
244 100
212 9.6 8.1 12.1
122 12.8 10.3 15.5





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.067 ng
RT: 20.902 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035801.D
Acq: 24 Dec 2024 02:25

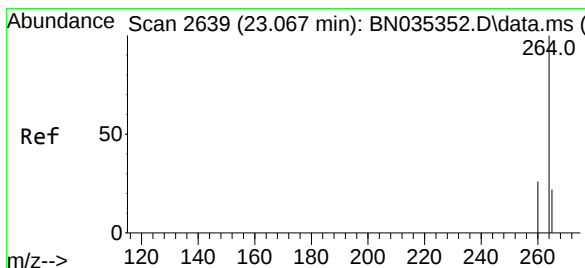
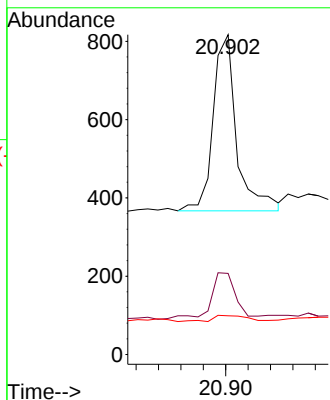
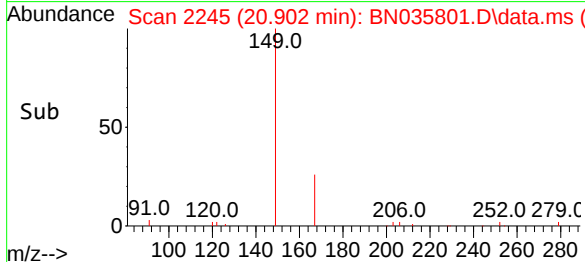
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241212



Tgt Ion:149 Resp: 65
Ion Ratio Lower Upper
149 100
167 26.5 22.2 33.4
279 4.0 2.7 4.1

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#35
Perylene-d12
Concen: 0.400 ng
RT: 23.032 min Scan# 2627
Delta R.T. -0.009 min
Lab File: BN035801.D
Acq: 24 Dec 2024 02:25

Tgt Ion:264 Resp: 6969
Ion Ratio Lower Upper
264 100
260 26.9 21.4 32.2
265 95.1 40.2 60.4#

