

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035812.D
 Acq On : 24 Dec 2024 09:35
 Operator : RC/JU
 Sample : PB165828BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB165828BL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/25/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 24 23:16:34 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	3197	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	6952	0.400	ng	0.00
13) Acenaphthene-d10	13.935	164	4346	0.400	ng	0.00
19) Phenanthrene-d10	16.711	188	8099	0.400	ng	# 0.01
29) Chrysene-d12	20.956	240	6756	0.400	ng	# 0.00
35) Perylene-d12	23.038	264	6747	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	2496	0.312	ng	0.00
5) Phenol-d6	6.484	99	2096	0.218	ng	0.00
8) Nitrobenzene-d5	8.418	82	1782m	0.420	ng	0.01
11) 2-Methylnaphthalene-d10	11.641	152	3741	0.344	ng	0.02
14) 2,4,6-Tribromophenol	15.475	330	490	0.159	ng	0.02
15) 2-Fluorobiphenyl	12.564	172	5652	0.344	ng	0.02
27) Fluoranthene-d10	18.761	212	9188	0.400	ng	0.00
31) Terphenyl-d14	19.393	244	6413	0.481	ng	0.00

Target Compounds Qvalue

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

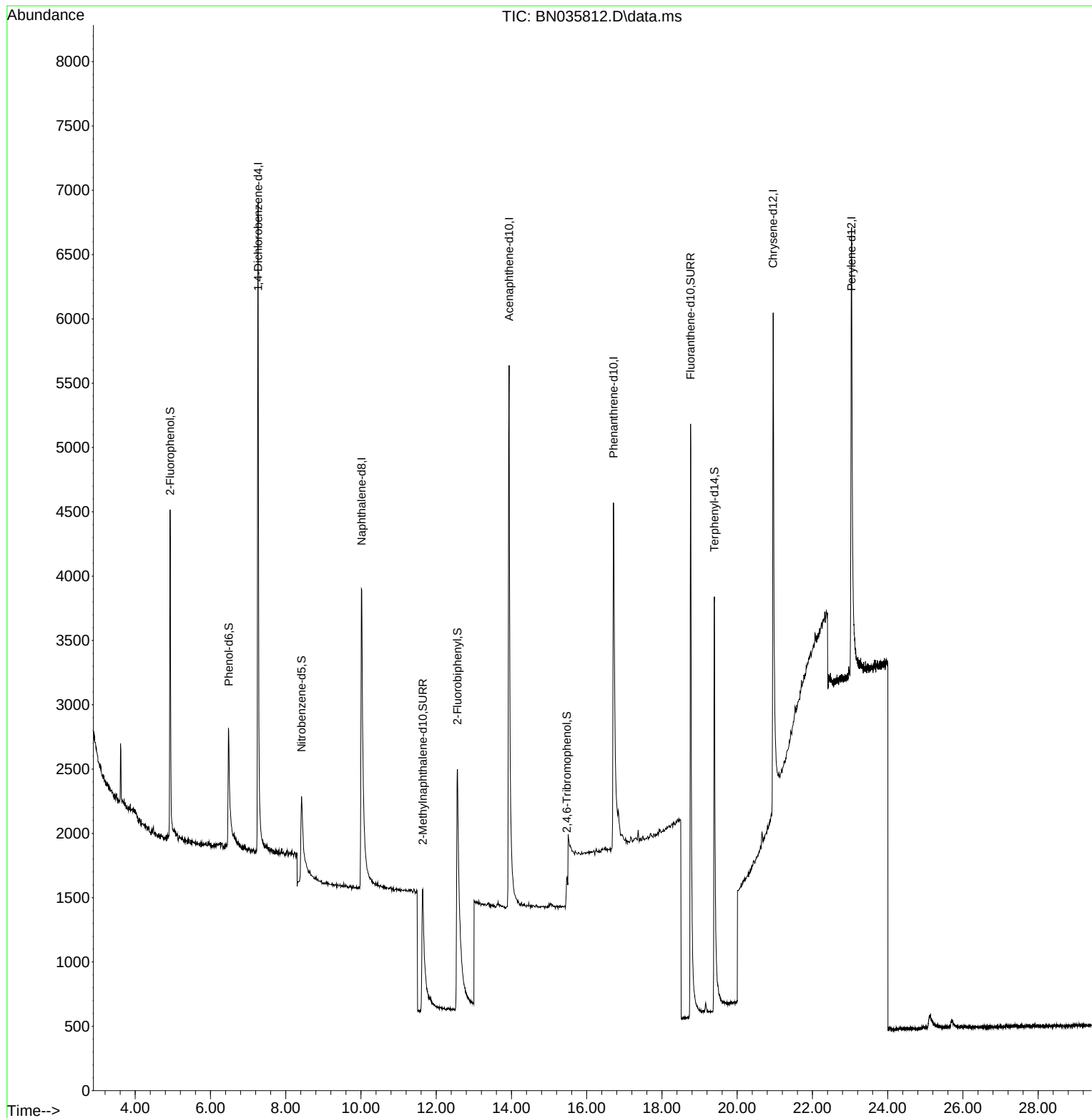
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035812.D
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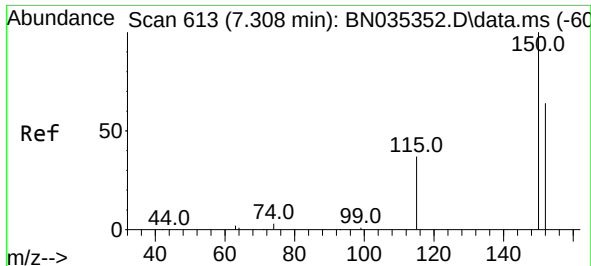
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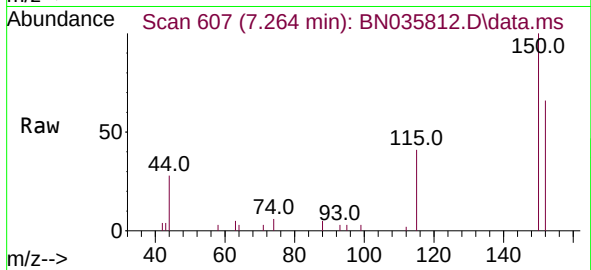
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.264 min Scan# 607
Delta R.T. -0.008 min
Lab File: BN035812.D
Acq: 24 Dec 2024 09:35

Instrument :

BNA_N

ClientSampleId :

PB165828BL



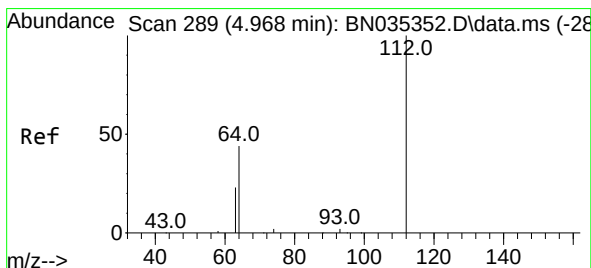
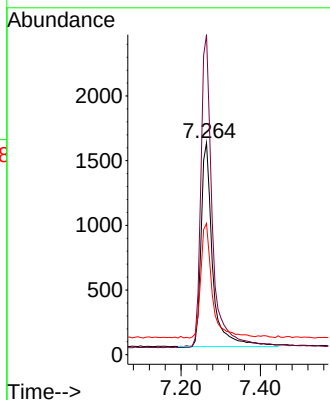
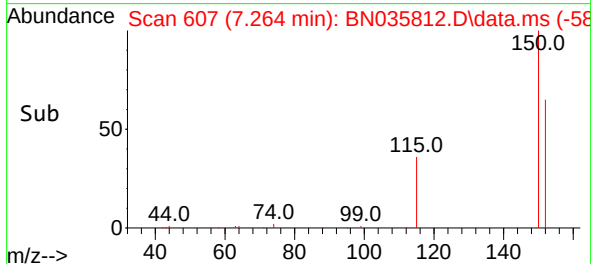
Tgt Ion:152 Resp: 319
Ion Ratio Lower Upper
152 100
150 150.9 124.0 186.0
115 61.9 49.6 74.4

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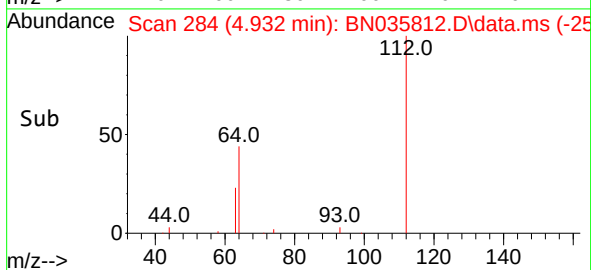
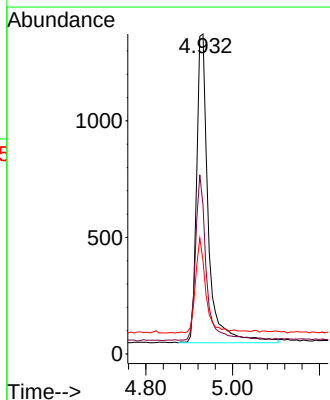
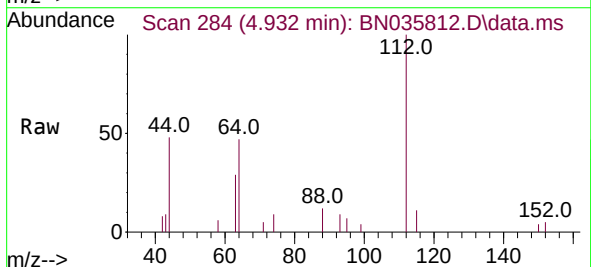
Reviewed By :Yogesh Patel 12/25/2024

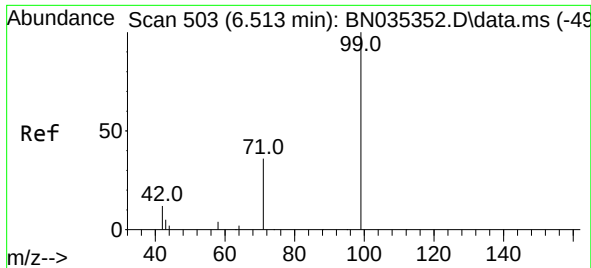
Supervised By :mohammad ahmed 12/26/2024



#4
2-Fluorophenol
Concen: 0.312 ng
RT: 4.932 min Scan# 284
Delta R.T. -0.007 min
Lab File: BN035812.D
Acq: 24 Dec 2024 09:35

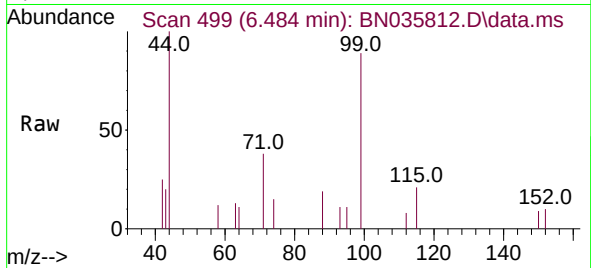
Tgt Ion:112 Resp: 2496
Ion Ratio Lower Upper
112 100
64 49.3 39.8 59.8
63 27.1 21.0 31.6





#5
Phenol-d6
Concen: 0.218 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035812.D
Acq: 24 Dec 2024 09:35

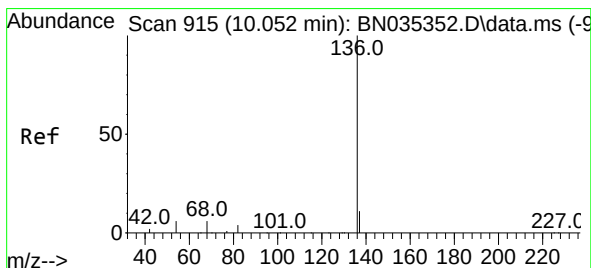
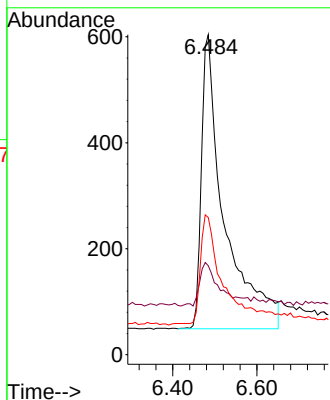
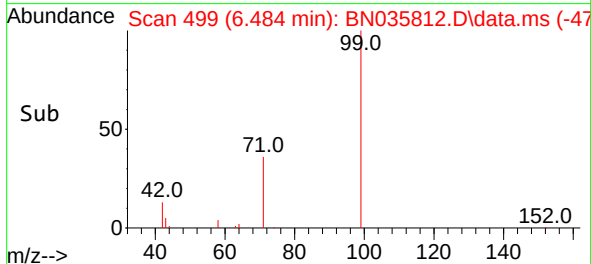
Instrument :
BNA_N
ClientSampleId :
PB165828BL



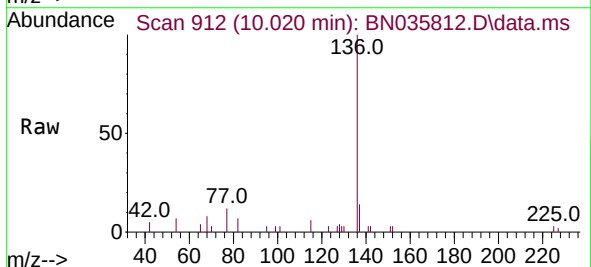
Tgt Ion: 99 Resp: 2090
Ion Ratio Lower Upper
99 100
42 13.4 11.4 17.2
71 37.2 29.3 43.9

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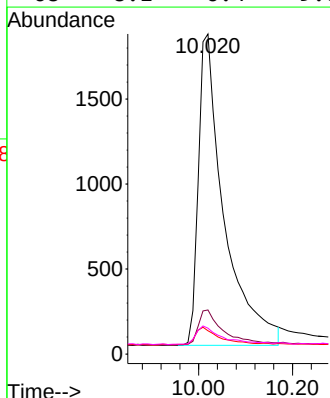
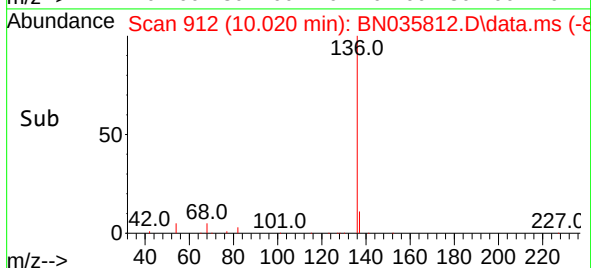
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024

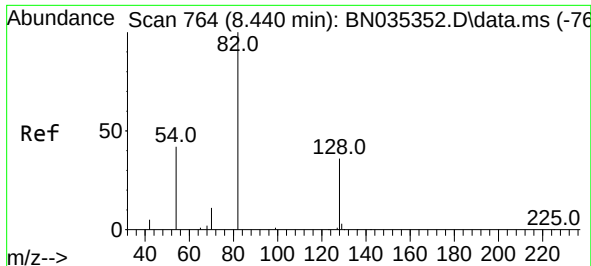


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 912
Delta R.T. -0.000 min
Lab File: BN035812.D
Acq: 24 Dec 2024 09:35



Tgt Ion:136 Resp: 6952
Ion Ratio Lower Upper
136 100
137 13.8 10.2 15.2
54 7.3 6.1 9.1
68 8.1 6.4 9.6





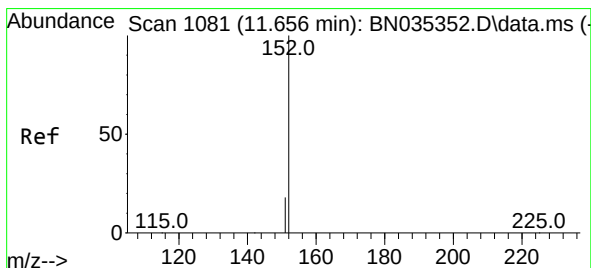
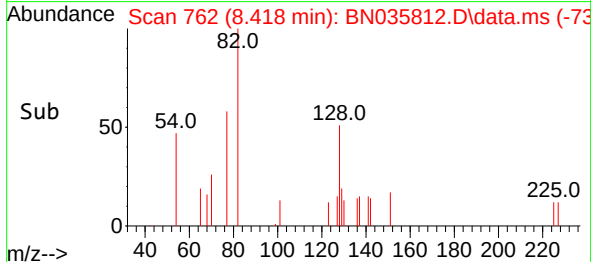
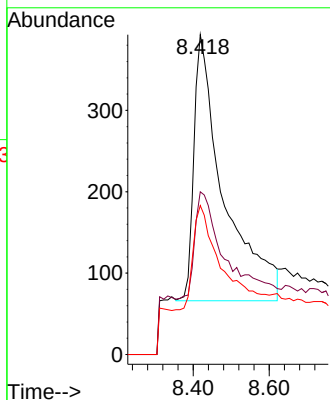
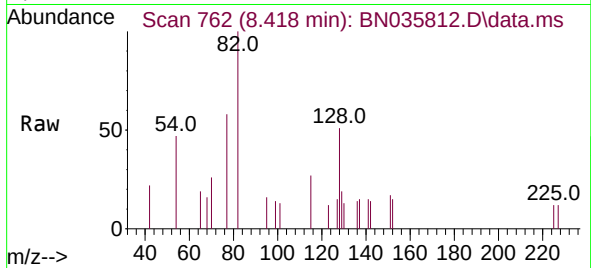
#8
Nitrobenzene-d5
Concen: 0.420 ng m
RT: 8.418 min Scan# 762
Delta R.T. 0.010 min
Lab File: BN035812.D
Acq: 24 Dec 2024 09:35

Instrument :
BNA_N
ClientSampleId :
PB165828BL

Tgt Ion: 82 Resp: 178
Ion Ratio Lower Upper
82 100
128 50.9 33.4 50.0
54 46.6 36.7 55.1

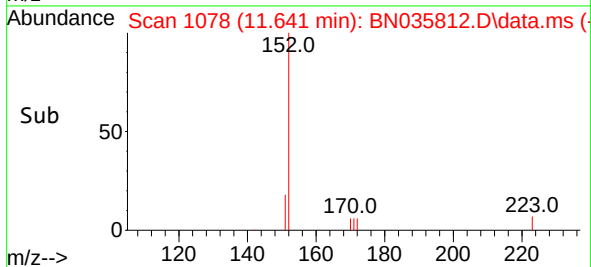
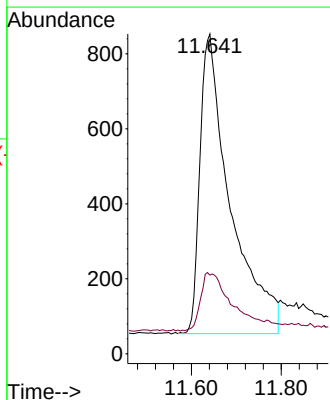
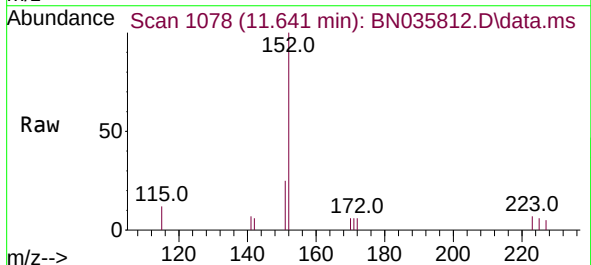
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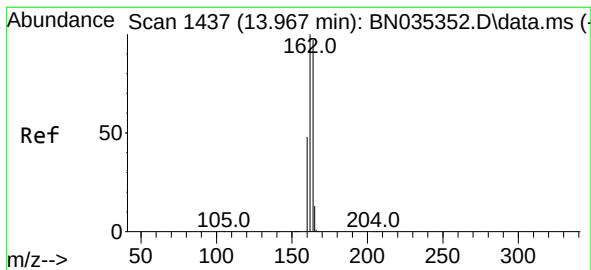
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#11
2-Methylnaphthalene-d10
Concen: 0.344 ng
RT: 11.641 min Scan# 1078
Delta R.T. 0.020 min
Lab File: BN035812.D
Acq: 24 Dec 2024 09:35

Tgt Ion:152 Resp: 3741
Ion Ratio Lower Upper
152 100
151 20.1 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.935 min Scan# 1434

Delta R.T. -0.000 min

Lab File: BN035812.D

Acq: 24 Dec 2024 09:35

Instrument :

BNA_N

ClientSampleId :

PB165828BL

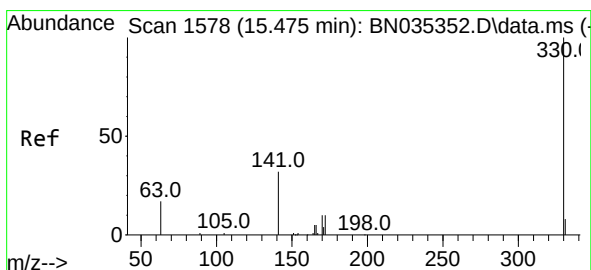
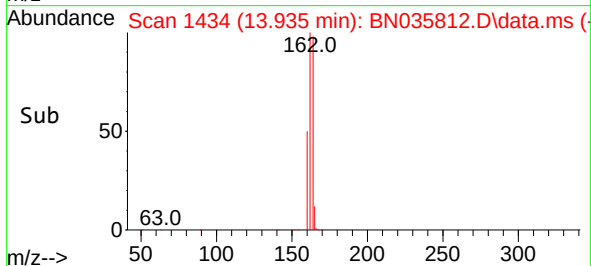
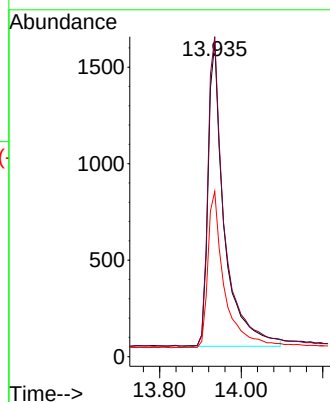
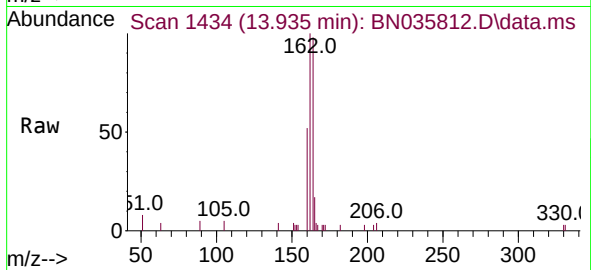
Tgt Ion:164	Resp:	434
Ion Ratio	Lower	Upper
164	100	
162	101.6	82.2 123.2
160	52.5	40.1 60.1

Manual Integrations

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Supervised By :mohammad ahmed 12/26/2024



#14

2,4,6-Tribromophenol

Concen: 0.159 ng

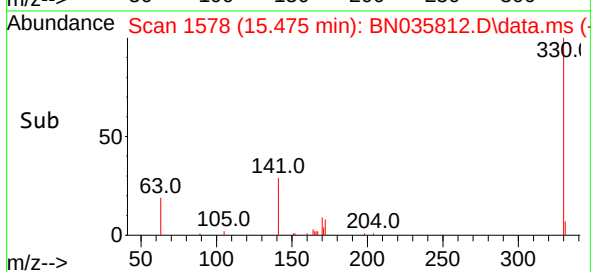
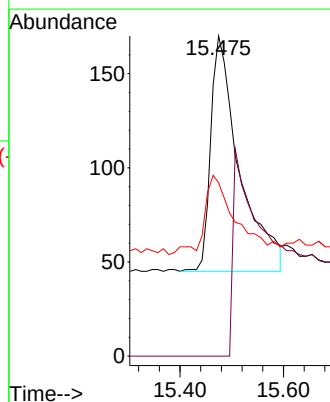
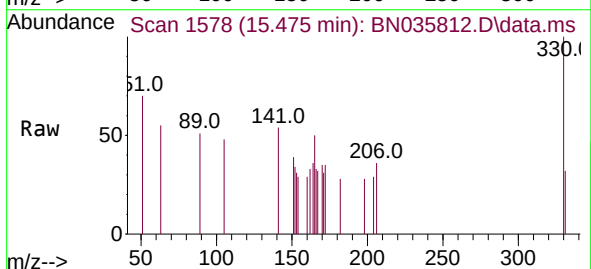
RT: 15.475 min Scan# 1578

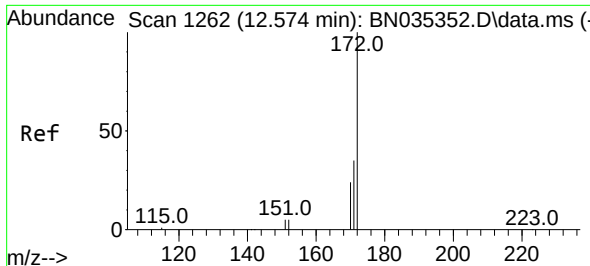
Delta R.T. 0.021 min

Lab File: BN035812.D

Acq: 24 Dec 2024 09:35

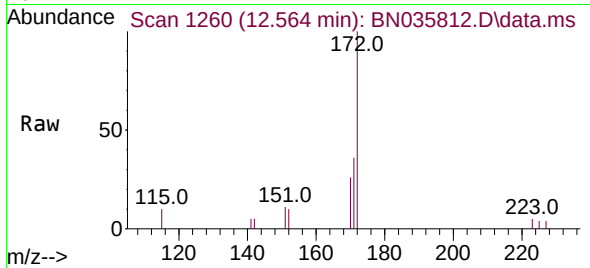
Tgt Ion:330	Resp:	490
Ion Ratio	Lower	Upper
330	100	
332	0.0	0.0 0.0
141	37.3	26.6 40.0





#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 12.564 min Scan# 11
Delta R.T. 0.020 min
Lab File: BN035812.D
Acq: 24 Dec 2024 09:35

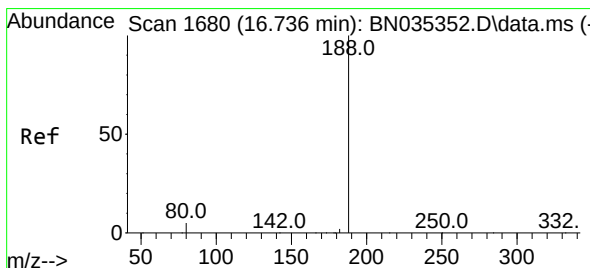
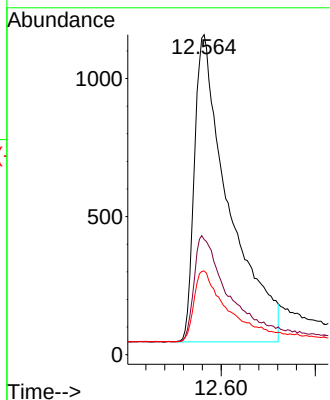
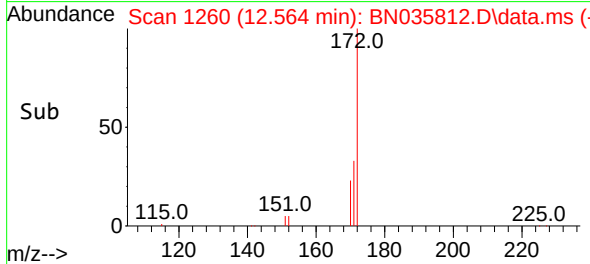
Instrument :
BNA_N
ClientSampleId :
PB165828BL



Tgt Ion:172 Resp: 565
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 26.1 19.8 29.8

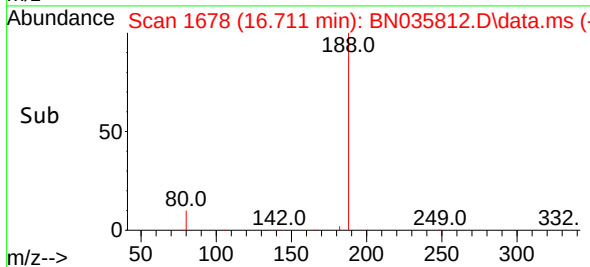
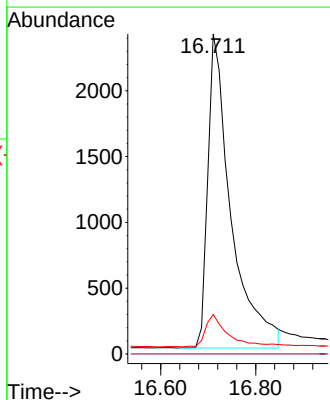
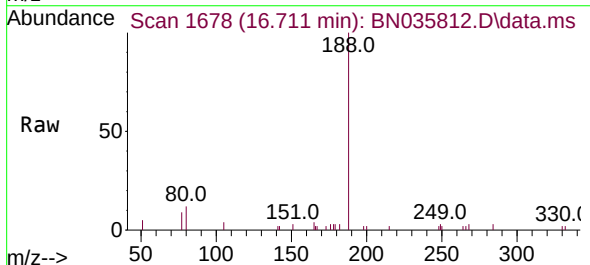
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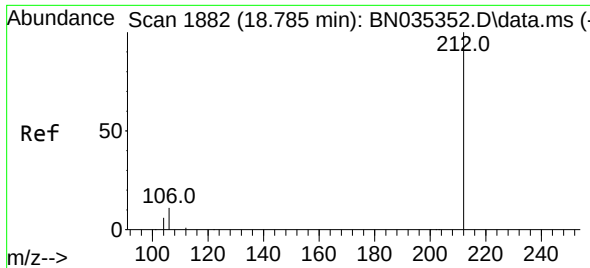
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.711 min Scan# 1678
Delta R.T. 0.012 min
Lab File: BN035812.D
Acq: 24 Dec 2024 09:35

Tgt Ion:188 Resp: 8099
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 4.6 6.8





#27
Fluoranthene-d10
Concen: 0.400 ng
RT: 18.761 min Scan# 1877
Delta R.T. -0.000 min
Lab File: BN035812.D
Acq: 24 Dec 2024 09:35

Instrument :

BNA_N

ClientSampleId :

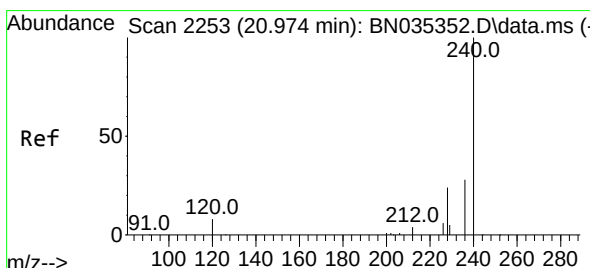
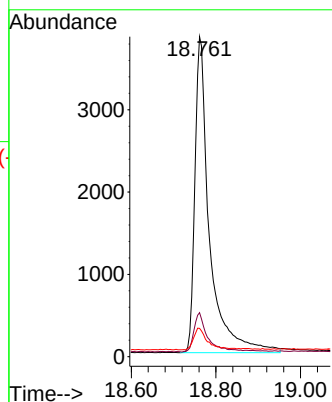
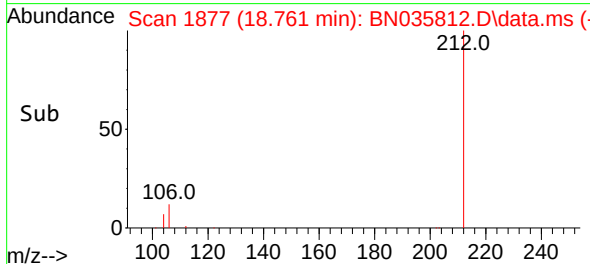
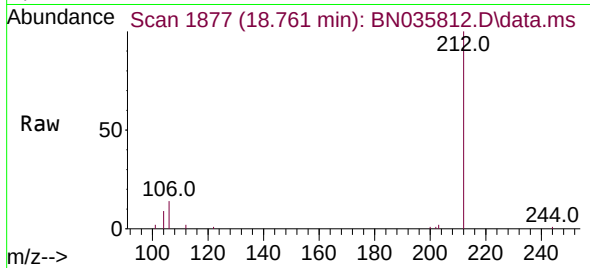
PB165828BL

Tgt Ion:212 Resp: 918
Ion Ratio Lower Upper
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104 6.3 5.3 7.9

Manual Integrations

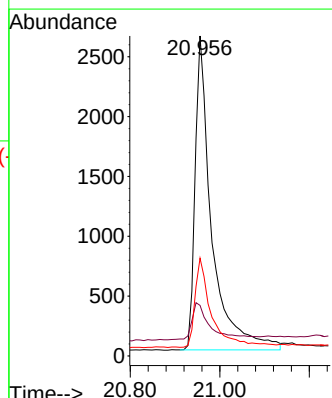
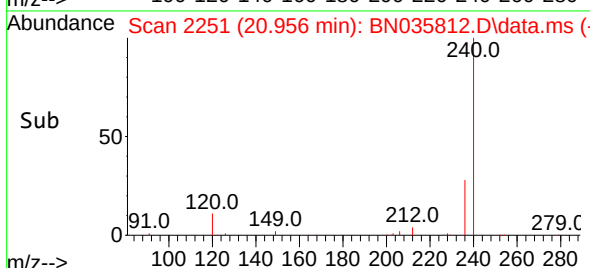
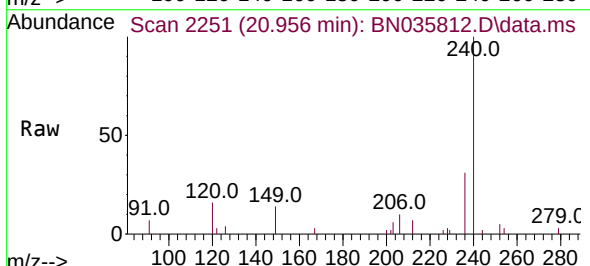
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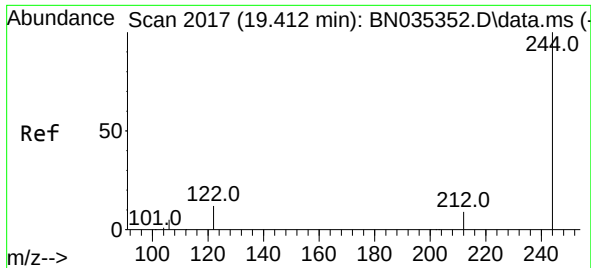
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BN035812.D
Acq: 24 Dec 2024 09:35

Tgt Ion:240 Resp: 6756
Ion Ratio Lower Upper
240 100
120 15.8 7.9 11.9#
236 30.6 22.9 34.3





#31
 Terphenyl-d14
 Concen: 0.481 ng
 RT: 19.393 min Scan# 2017
 Delta R.T. 0.004 min
 Lab File: BN035812.D
 Acq: 24 Dec 2024 09:35

Instrument :

BNA_N

ClientSampleId :

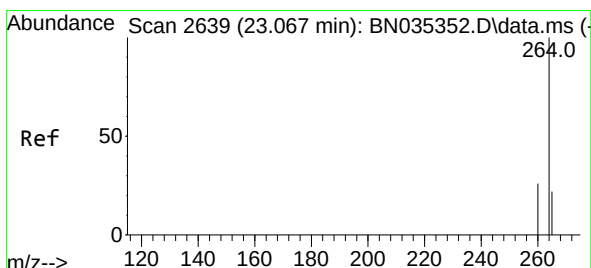
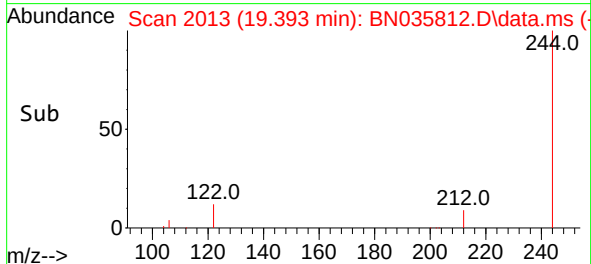
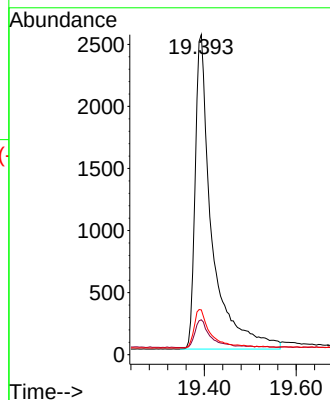
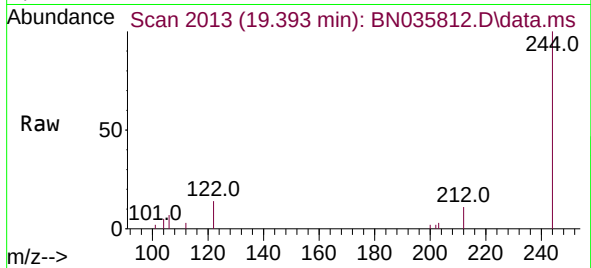
PB165828BL

Tgt Ion:244 Resp: 641
 Ion Ratio Lower Upper
 244 100
 212 10.9 8.1 12.1
 122 14.0 10.3 15.5

Manual Integrations

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Reviewed By :Yogesh Patel 12/25/2024
 Supervised By :mohammad ahmed 12/26/2024



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.038 min Scan# 2629
 Delta R.T. -0.003 min
 Lab File: BN035812.D
 Acq: 24 Dec 2024 09:35

Tgt Ion:264 Resp: 6747
 Ion Ratio Lower Upper
 264 100
 260 27.6 21.4 32.2
 265 105.1 40.2 60.4#

