

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070824\
 Data File : BN032551.D
 Acq On : 08 Jul 2024 14:55
 Operator : MA/JU
 Sample : PB161896BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB161896BL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/09/2024

Quant Time: Jul 08 15:20:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 08 15:11:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	3901m	0.400	ng	0.02
7) Naphthalene-d8	10.410	136	11738m	0.400	ng	0.05
13) Acenaphthene-d10	14.253	164	6698	0.400	ng	0.03
19) Phenanthrene-d10	17.016	188	15792m	0.400	ng	0.02
29) Chrysene-d12	21.229	240	11180	0.400	ng	# 0.03
35) Perylene-d12	23.440	264	10718	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.219	112	3262	0.294	ng	0.02
5) Phenol-d6	6.873	99	4691m	0.323	ng	0.09
8) Nitrobenzene-d5	8.873	82	3696m	0.379	ng	0.13
11) 2-Methylnaphthalene-d10	12.017	152	7423m	0.397	ng	0.06
14) 2,4,6-Tribromophenol	15.800	330	649	0.202	ng	0.05
15) 2-Fluorobiphenyl	12.895	172	10132m	0.399	ng	0.05
27) Fluoranthene-d10	19.049	212	15644	0.364	ng	0.02
31) Terphenyl-d14	19.648	244	11386	0.417	ng	0.01

Target Compounds Qvalue

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

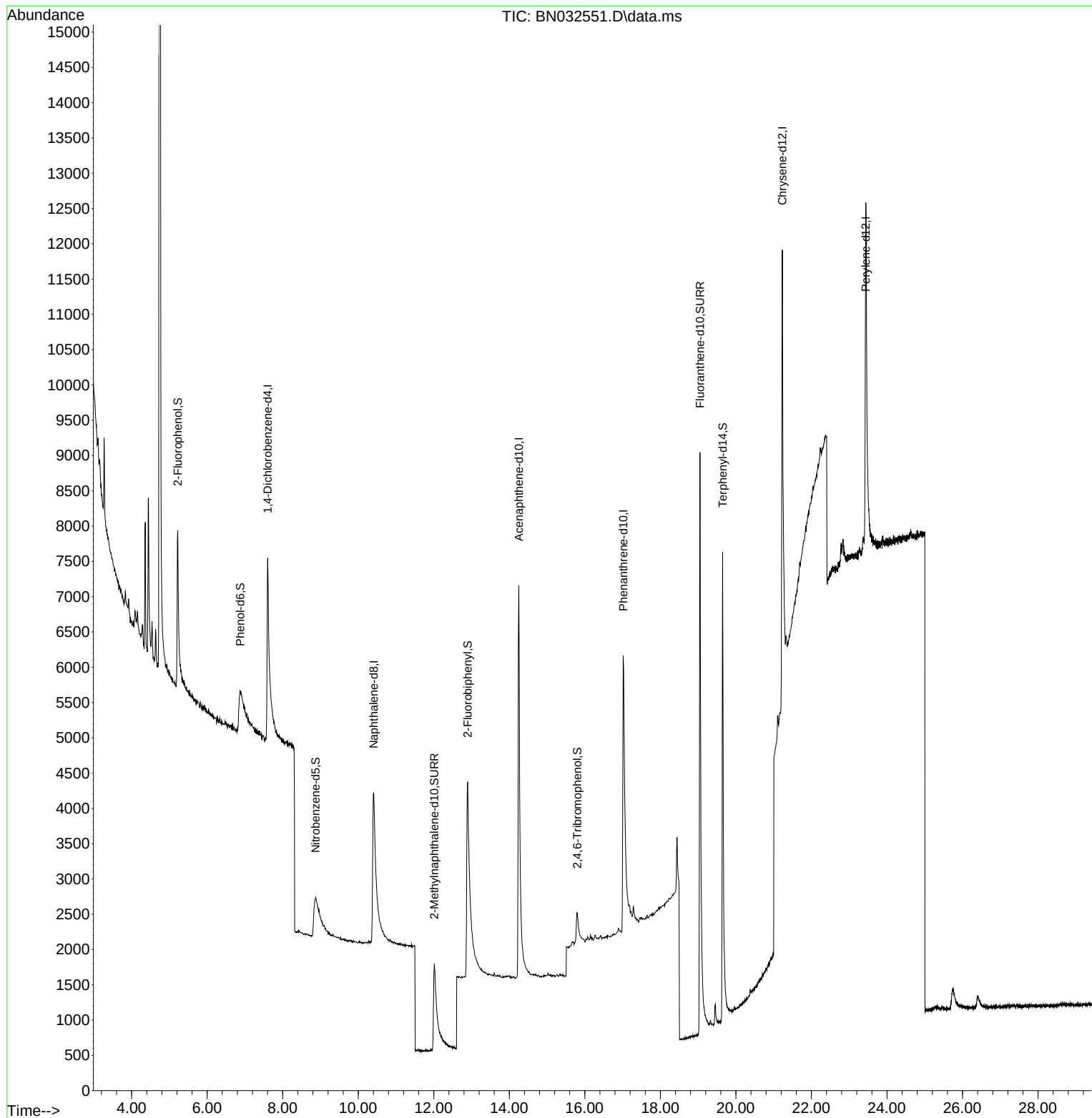
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070824\
Data File : BN032551.D
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Operator : MA/JU
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ALS Vial : 3 Sample Multiplier: 1

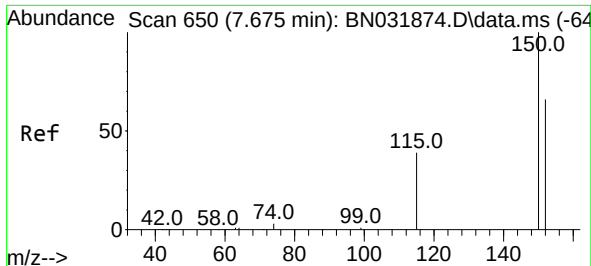
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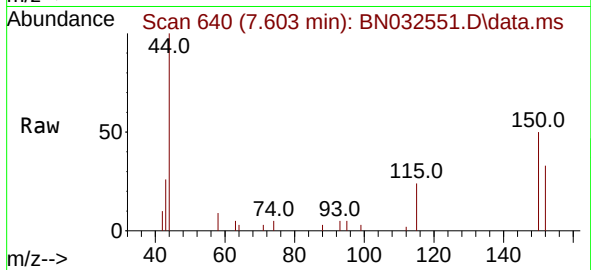
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng m
RT: 7.603 min Scan# 64
Delta R.T. 0.022 min
Lab File: BN032551.D
Acq: 08 Jul 2024 14:55

Instrument :

BNA_N

ClientSampleId :

PB161896BL



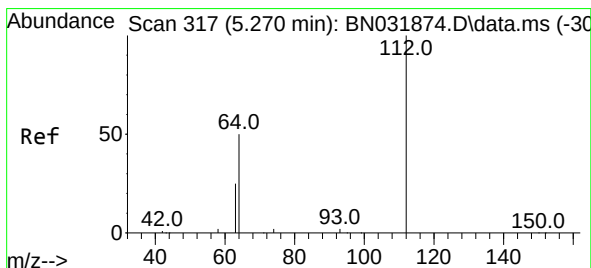
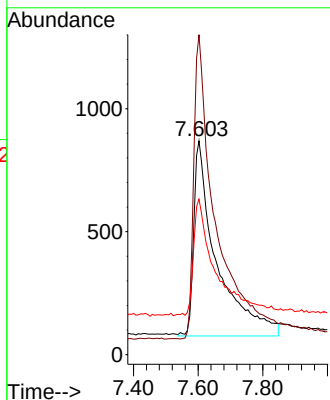
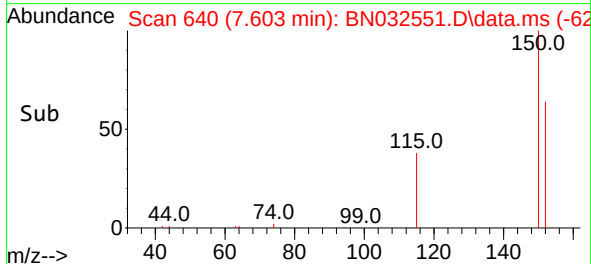
Tgt Ion:152 Resp: 390
Ion Ratio Lower Upper
152 100
150 149.7 121.0 181.4
115 72.7 49.4 74.0

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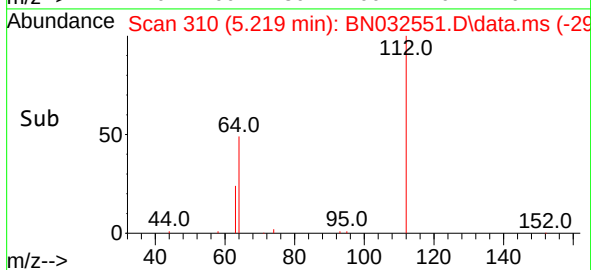
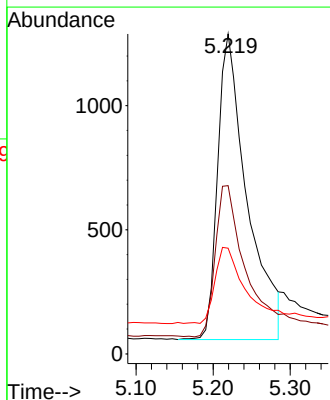
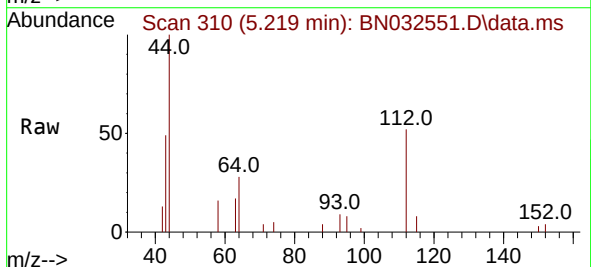
Reviewed By :Yogesh Patel 07/09/2024

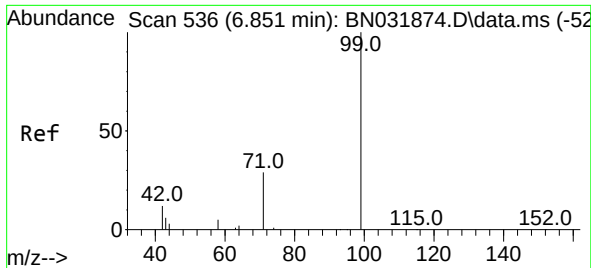
Supervised By :mohammad ahmed 07/09/2024



#4
2-Fluorophenol
Concen: 0.294 ng
RT: 5.219 min Scan# 310
Delta R.T. 0.022 min
Lab File: BN032551.D
Acq: 08 Jul 2024 14:55

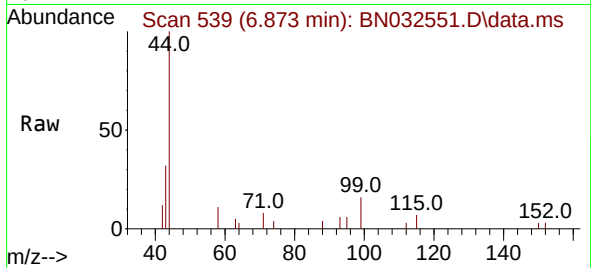
Tgt Ion:112 Resp: 3262
Ion Ratio Lower Upper
112 100
64 50.6 42.4 63.6
63 24.6 22.1 33.1





#5
Phenol-d6
Concen: 0.323 ng m
RT: 6.873 min Scan# 51
Delta R.T. 0.087 min
Lab File: BN032551.D
Acq: 08 Jul 2024 14:55

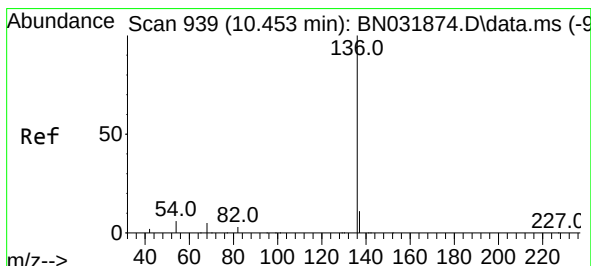
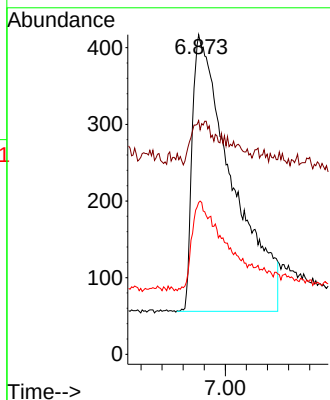
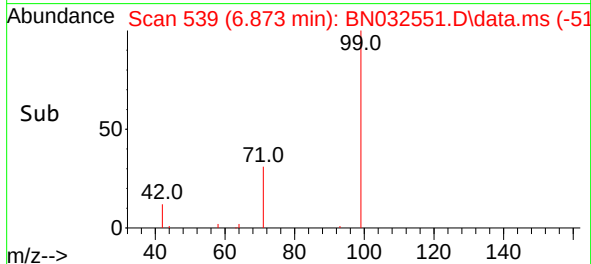
Instrument :
BNA_N
ClientSampleId :
PB161896BL



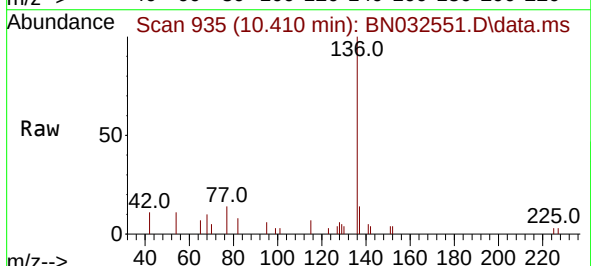
Tgt Ion: 99 Resp: 469
Ion Ratio Lower Upper
99 100
42 3.8 12.8 19.2
71 0.0 25.4 38.2

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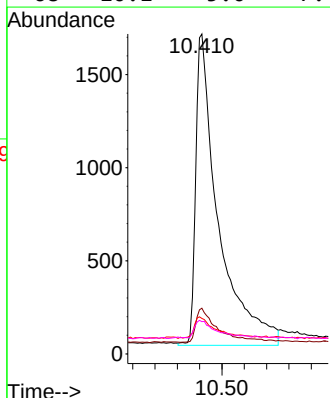
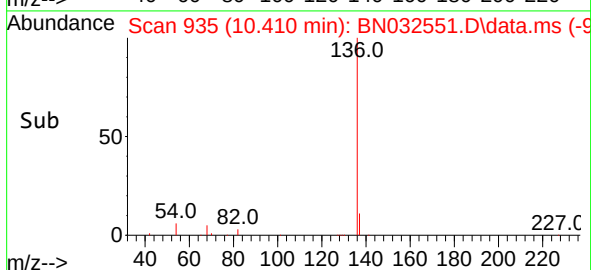
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024

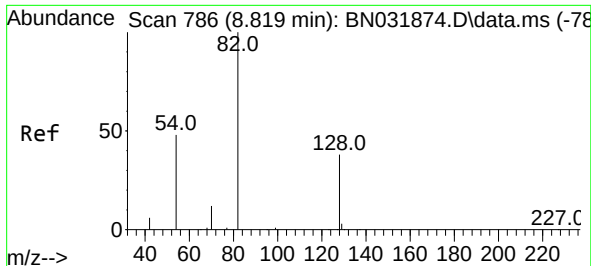


#7
Naphthalene-d8
Concen: 0.400 ng m
RT: 10.410 min Scan# 935
Delta R.T. 0.053 min
Lab File: BN032551.D
Acq: 08 Jul 2024 14:55



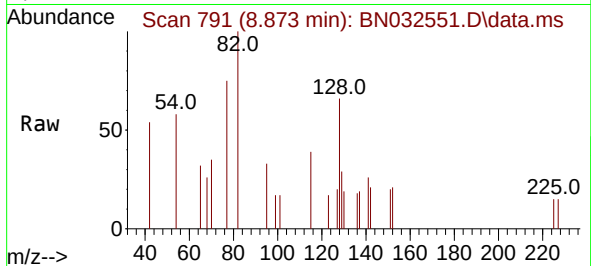
Tgt Ion:136 Resp: 11738
Ion Ratio Lower Upper
136 100
137 14.3 8.9 13.3#
54 11.1 5.6 8.4#
68 10.1 5.0 7.4#





#8
Nitrobenzene-d5
Concen: 0.379 ng m
RT: 8.873 min Scan# 791
Delta R.T. 0.128 min
Lab File: BN032551.D
Acq: 08 Jul 2024 14:55

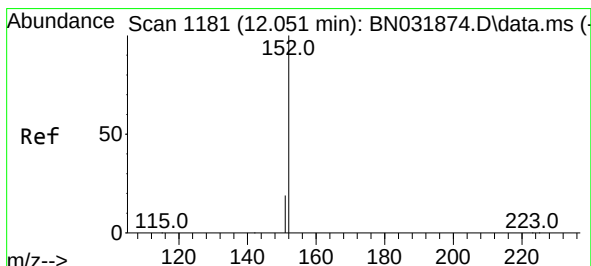
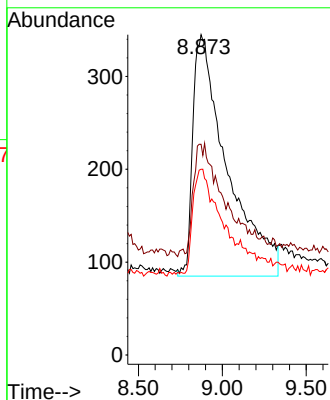
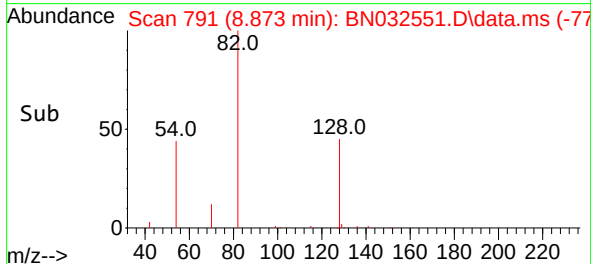
Instrument :
BNA_N
ClientSampleId :
PB161896BL



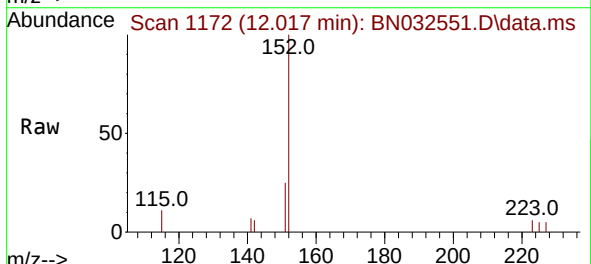
Tgt Ion: 82 Resp: 3690
Ion Ratio Lower Upper
82 100
128 65.8 32.1 48.1
54 58.0 39.7 59.5

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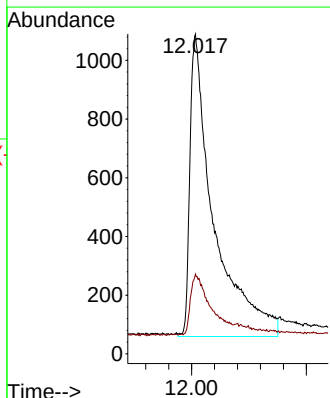
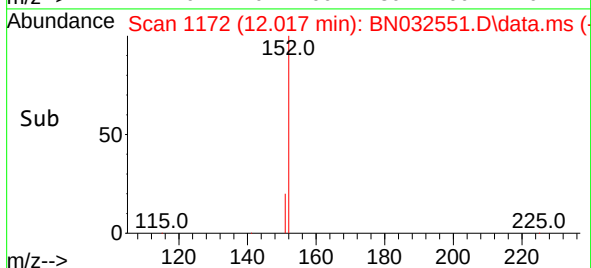
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024

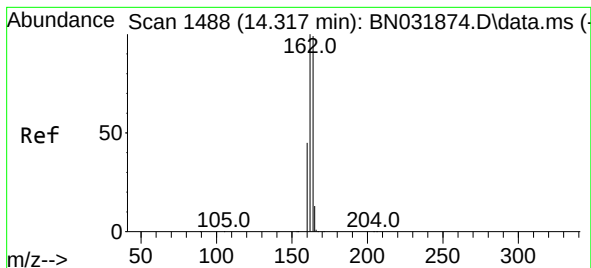


#11
2-Methylnaphthalene-d10
Concen: 0.397 ng m
RT: 12.017 min Scan# 1172
Delta R.T. 0.060 min
Lab File: BN032551.D
Acq: 08 Jul 2024 14:55



Tgt Ion:152 Resp: 7423
Ion Ratio Lower Upper
152 100
151 13.6 16.3 24.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.253 min Scan# 1488

Delta R.T. 0.032 min

Lab File: BN032551.D

Acq: 08 Jul 2024 14:55

Instrument :

BNA_N

ClientSampleId :

PB161896BL

Tgt Ion:164 Resp: 669

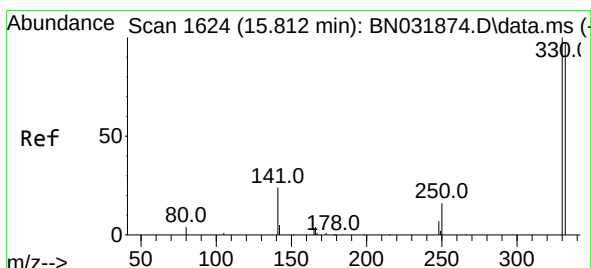
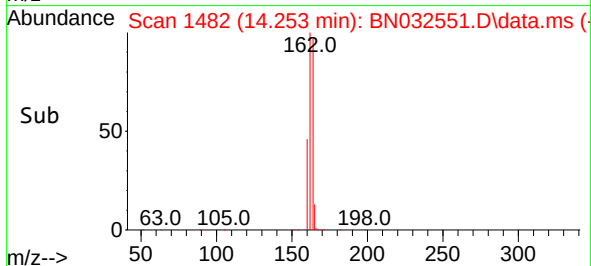
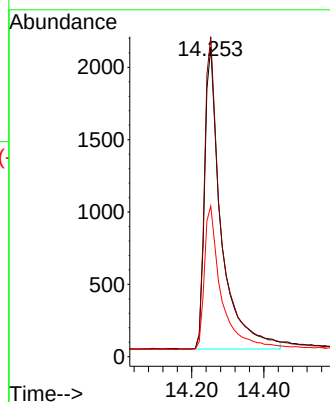
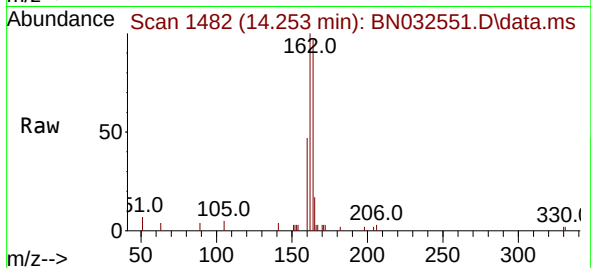
Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.7	121.1
160	48.7	36.2	54.4

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Supervised By :mohammad ahmed 07/09/2024



#14

2,4,6-Tribromophenol

Concen: 0.202 ng

RT: 15.800 min Scan# 1623

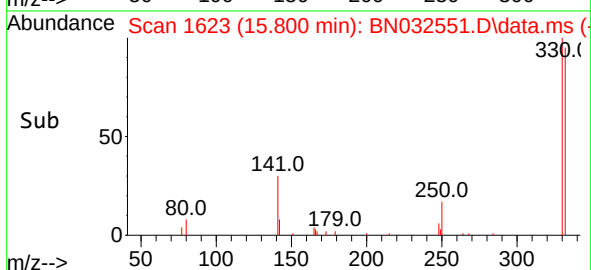
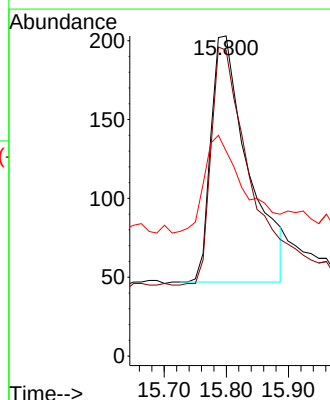
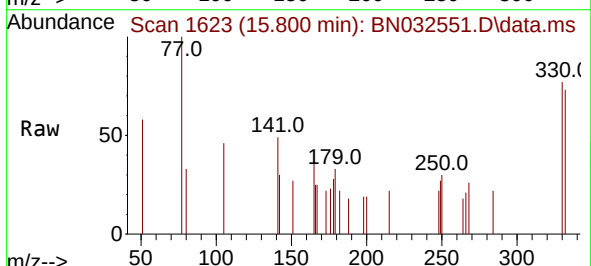
Delta R.T. 0.050 min

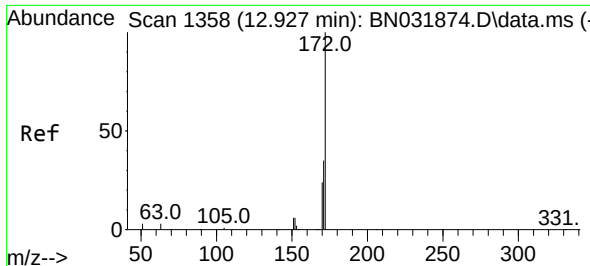
Lab File: BN032551.D

Acq: 08 Jul 2024 14:55

Tgt Ion:330 Resp: 649

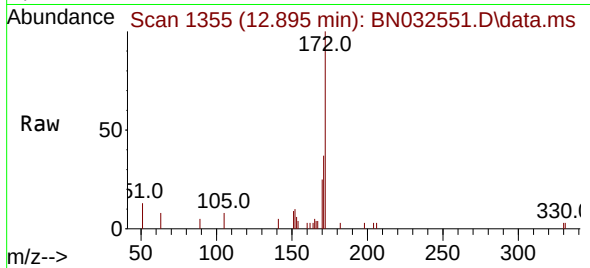
Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.5	116.3
141	42.5	34.7	52.1





#15
2-Fluorobiphenyl
Concen: 0.399 ng m
RT: 12.895 min Scan# 11
Delta R.T. 0.053 min
Lab File: BN032551.D
Acq: 08 Jul 2024 14:55

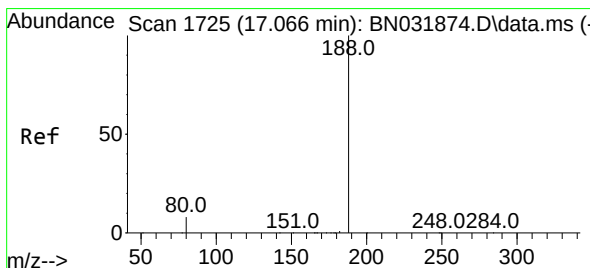
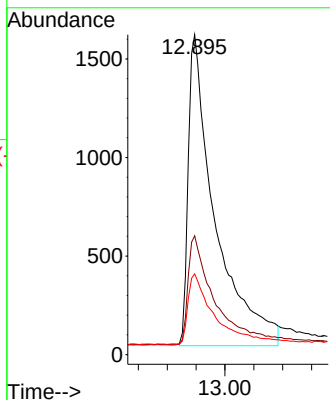
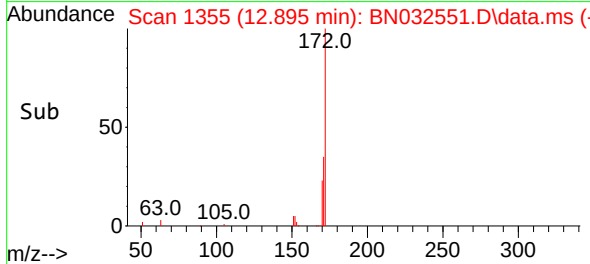
Instrument :
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ClientSampleId :
PB161896BL



Tgt Ion:172 Resp: 1013
Ion Ratio Lower Upper
172 100
171 37.2 28.6 42.8
170 25.3 19.2 28.8

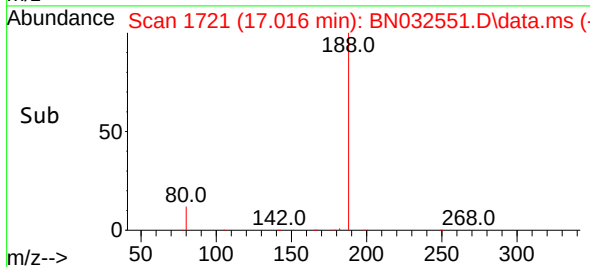
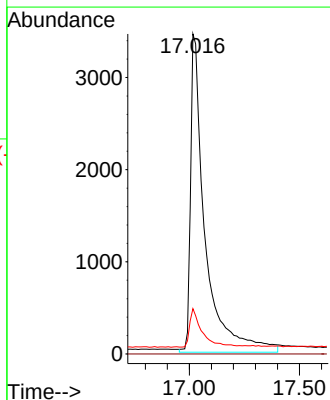
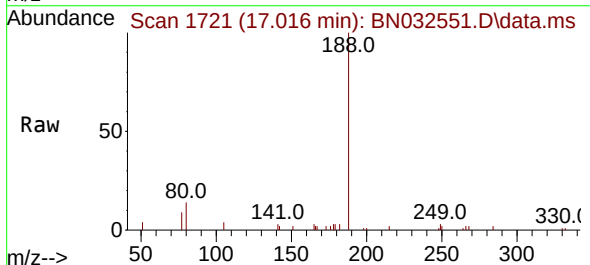
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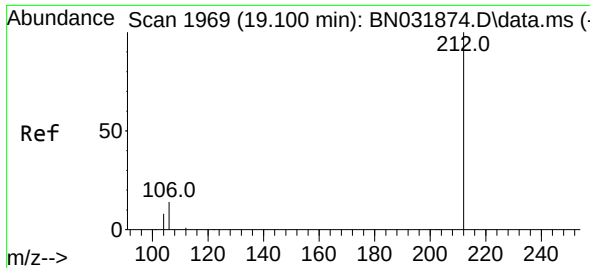
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



#19
Phenanthrene-d10
Concen: 0.400 ng m
RT: 17.016 min Scan# 1721
Delta R.T. 0.025 min
Lab File: BN032551.D
Acq: 08 Jul 2024 14:55

Tgt Ion:188 Resp: 15792
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.1 6.4 9.6#





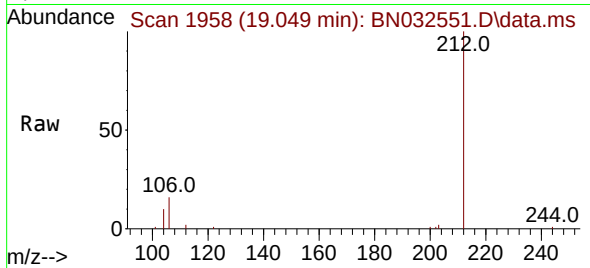
#27
Fluoranthene-d10
Concen: 0.364 ng
RT: 19.049 min Scan# 1969
Delta R.T. 0.019 min
Lab File: BN032551.D
Acq: 08 Jul 2024 14:55

Instrument :

BNA_N

ClientSampleId :

PB161896BL

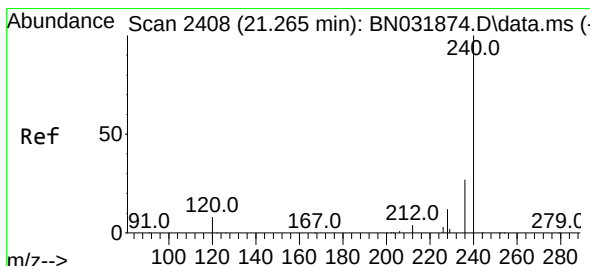
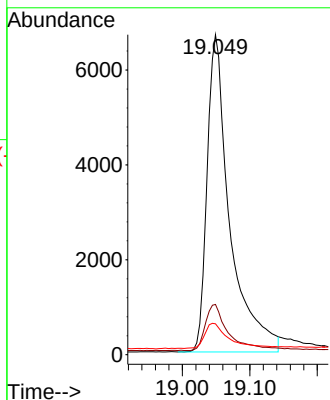
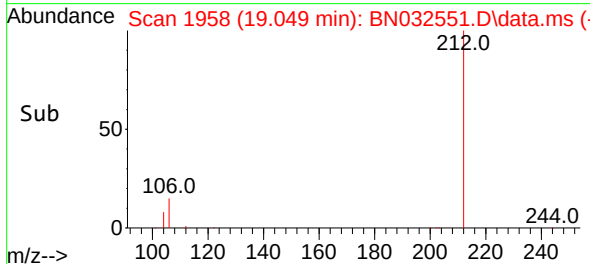


Tgt Ion:212 Resp: 15644
Ion Ratio Lower Upper
212 100
106 14.6 11.8 17.8
104 8.6 6.6 10.0

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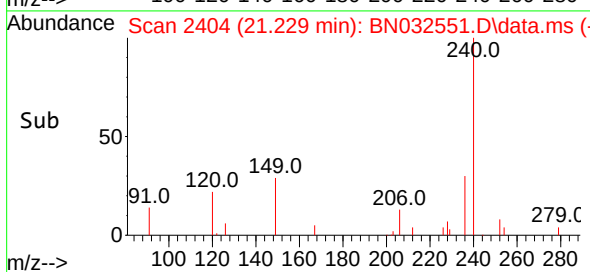
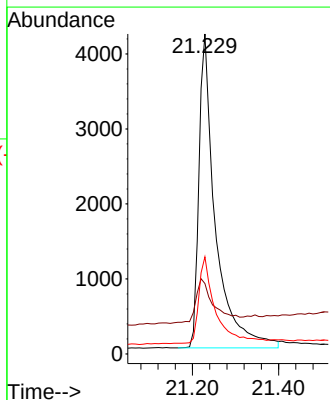
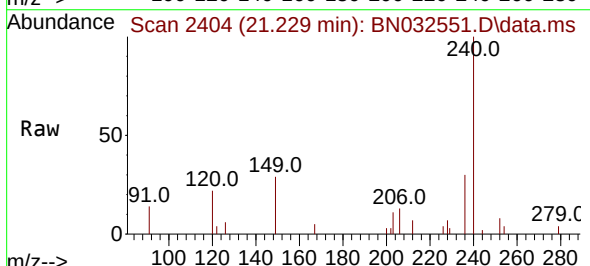
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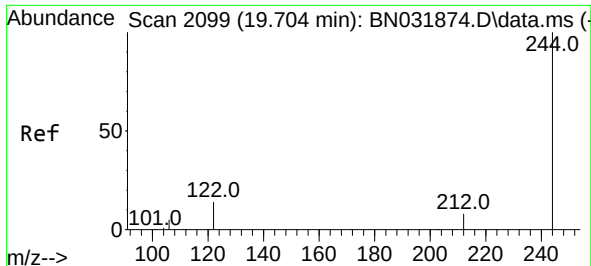
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.229 min Scan# 2404
Delta R.T. 0.027 min
Lab File: BN032551.D
Acq: 08 Jul 2024 14:55

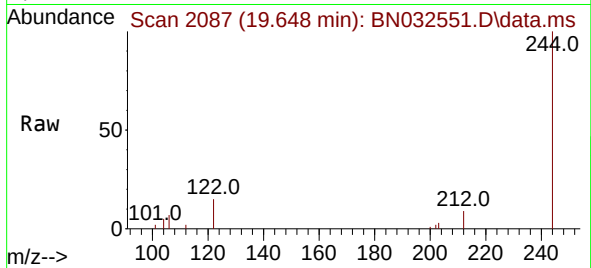
Tgt Ion:240 Resp: 11180
Ion Ratio Lower Upper
240 100
120 22.0 8.2 12.4#
236 30.3 21.8 32.8





#31
 Terphenyl-d14
 Concen: 0.417 ng
 RT: 19.648 min Scan# 2099
 Delta R.T. 0.014 min
 Lab File: BN032551.D
 Acq: 08 Jul 2024 14:55

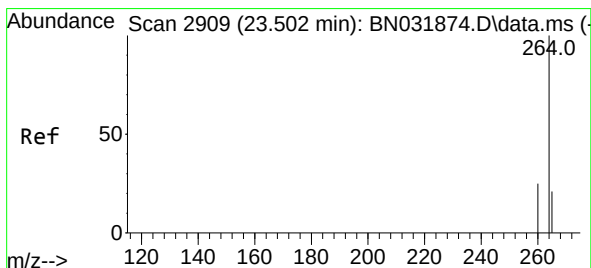
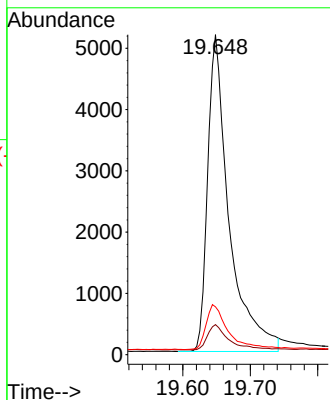
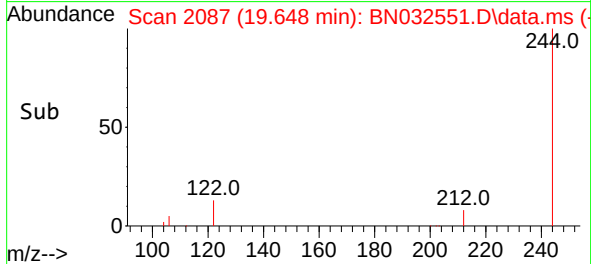
Instrument :
 BNA_N
 ClientSampleId :
 PB161896BL



Tgt Ion:244 Resp: 11380
 Ion Ratio Lower Upper
 244 100
 212 9.4 6.5 9.7
 122 15.0 11.4 17.0

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 Supervised By :mohammad ahmed 07/09/2024



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.440 min Scan# 2888
 Delta R.T. 0.020 min
 Lab File: BN032551.D
 Acq: 08 Jul 2024 14:55

Tgt Ion:264 Resp: 10718
 Ion Ratio Lower Upper
 264 100
 260 27.2 20.5 30.7
 265 155.7 39.6 59.4#

