

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071024\
 Data File : BN032610.D
 Acq On : 10 Jul 2024 10:00
 Operator : MA/JU
 Sample : PB161970BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB161970BL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2024
 Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 10 11:15:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 02:39:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	4471m	0.400	ng	0.02
7) Naphthalene-d8	10.453	136	14502m	0.400	ng	0.07
13) Acenaphthene-d10	14.263	164	8386	0.400	ng	0.03
19) Phenanthrene-d10	17.041	188	15791	0.400	ng	# 0.04
29) Chrysene-d12	21.238	240	11470	0.400	ng	# 0.03
35) Perylene-d12	23.449	264	11598	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.219	112	4128	0.365	ng	0.00
5) Phenol-d6	6.938	99	5705m	0.395	ng	0.12
8) Nitrobenzene-d5	8.947	82	4186m	0.387	ng	0.15
11) 2-Methylnaphthalene-d10	12.069	152	8097m	0.353	ng	0.09
14) 2,4,6-Tribromophenol	15.824	330	792m	0.208	ng	0.06
15) 2-Fluorobiphenyl	12.938	172	11936m	0.386	ng	0.07
27) Fluoranthene-d10	19.063	212	14367	0.349	ng	0.02
31) Terphenyl-d14	19.658	244	10588	0.378	ng	0.00

Target Compounds Qvalue

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

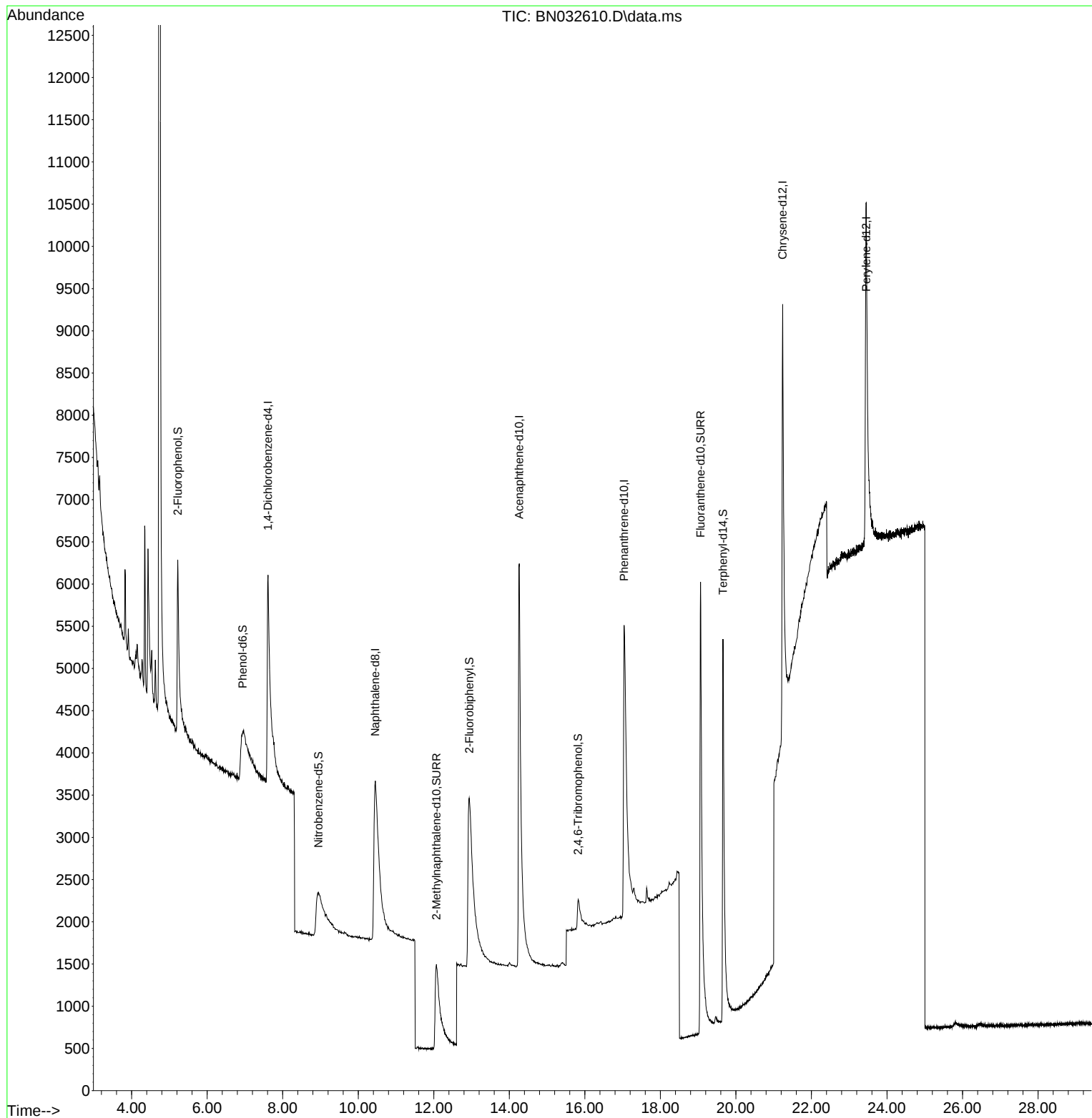
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071024\
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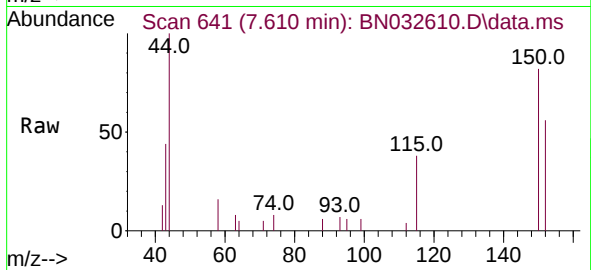
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng m
RT: 7.610 min Scan# 641
Delta R.T. 0.022 min
Lab File: BN032610.D
Acq: 10 Jul 2024 10:00

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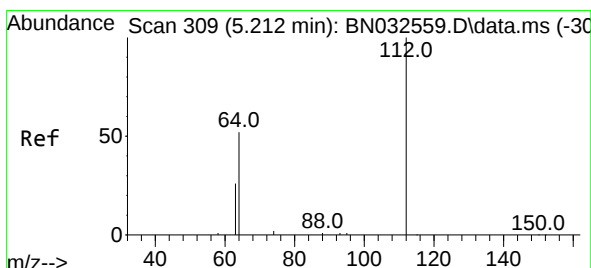
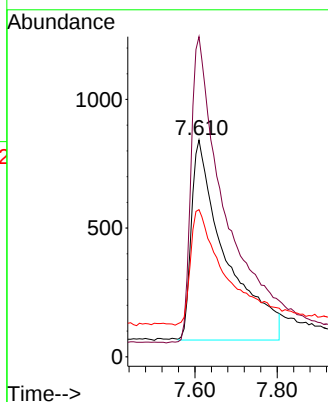
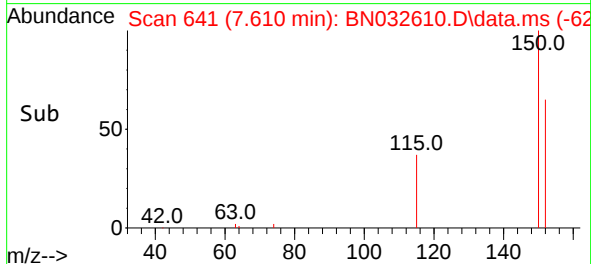
Tgt Ion:152 Resp: 447
Ion Ratio Lower Upper
152 100
150 147.7 121.6 182.4
115 67.9 53.1 79.7

Manual Integrations

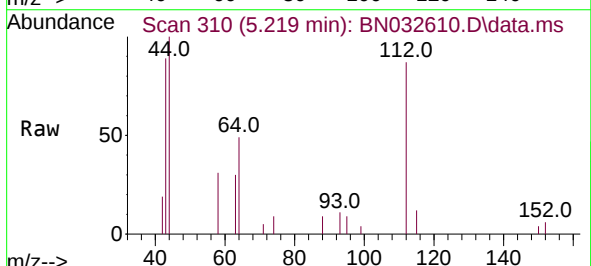
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Reviewed By :Yogesh Patel 07/11/2024

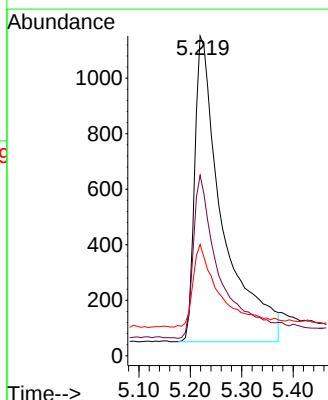
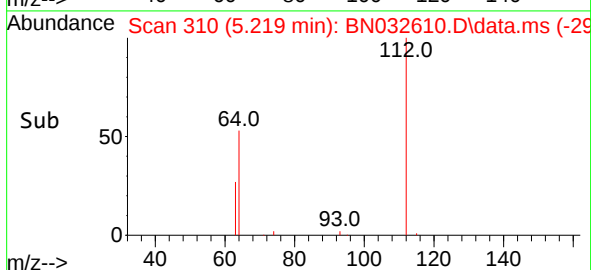
Supervised By :mohammad ahmed 07/11/2024

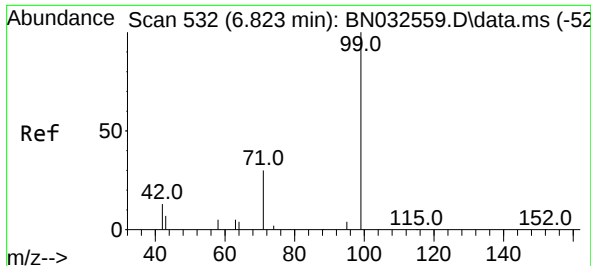


#4
2-Fluorophenol
Concen: 0.365 ng
RT: 5.219 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN032610.D
Acq: 10 Jul 2024 10:00



Tgt Ion:112 Resp: 4128
Ion Ratio Lower Upper
112 100
64 51.2 41.2 61.8
63 26.3 21.6 32.4





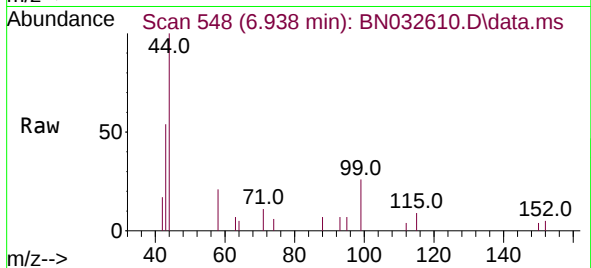
#5
Phenol-d6
Concen: 0.395 ng m
RT: 6.938 min Scan# 548
Delta R.T. 0.115 min
Lab File: BN032610.D
Acq: 10 Jul 2024 10:00

Instrument :

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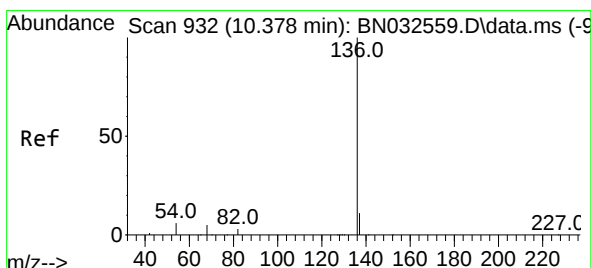
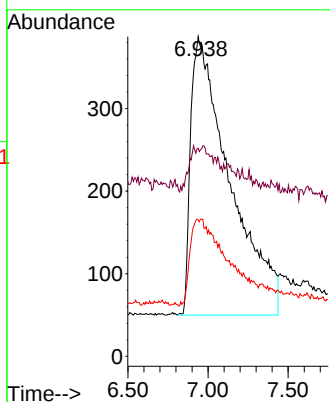
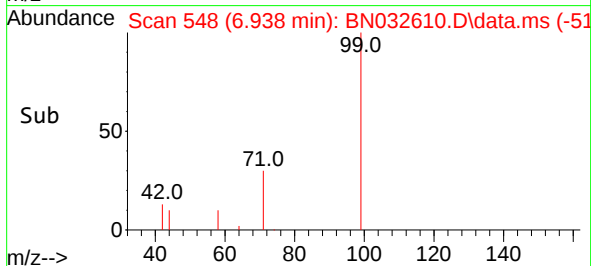
Tgt Ion: 99 Resp: 570
Ion Ratio Lower Upper
99 100
42 0.0 10.6 16.0
71 7.5 25.2 37.8

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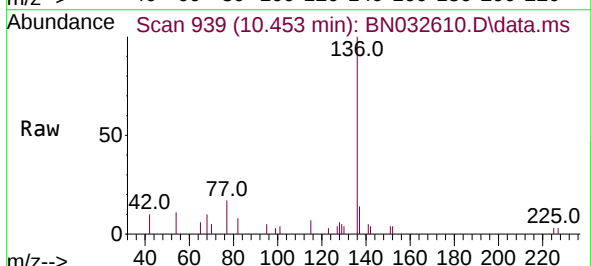
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Reviewed By :Yogesh Patel 07/11/2024

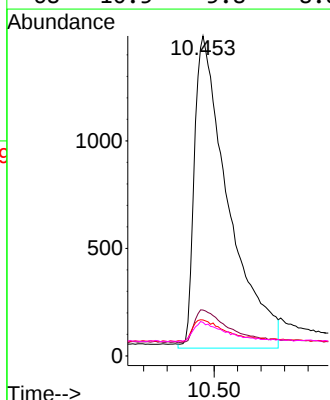
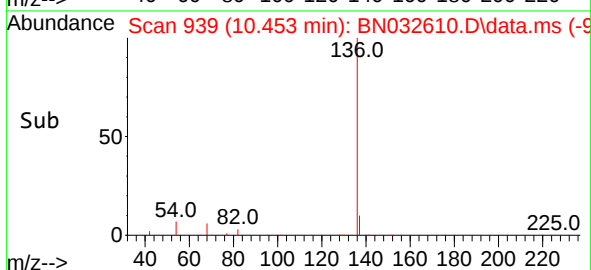
Supervised By :mohammad ahmed 07/11/2024

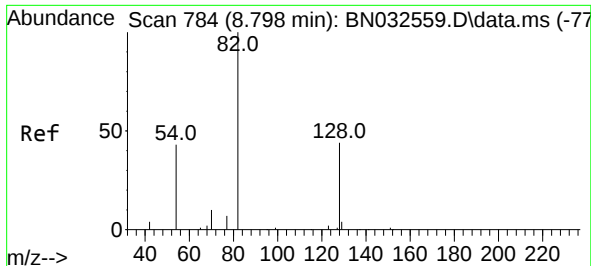


#7
Naphthalene-d8
Concen: 0.400 ng m
RT: 10.453 min Scan# 939
Delta R.T. 0.075 min
Lab File: BN032610.D
Acq: 10 Jul 2024 10:00



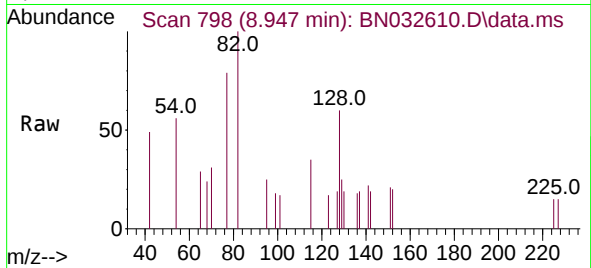
Tgt Ion:136 Resp: 14502
Ion Ratio Lower Upper
136 100
137 14.3 10.0 15.0
54 11.2 6.6 9.8#
68 10.5 5.8 8.8#





#8
Nitrobenzene-d5
Concen: 0.387 ng m
RT: 8.947 min Scan# 798
Delta R.T. 0.149 min
Lab File: BN032610.D
Acq: 10 Jul 2024 10:00

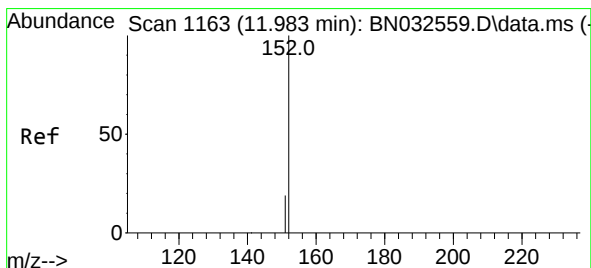
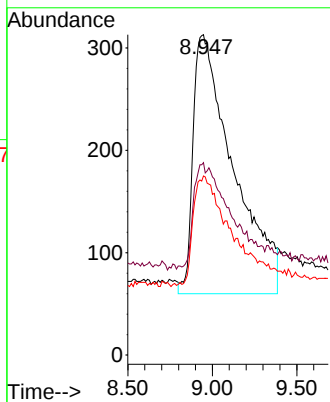
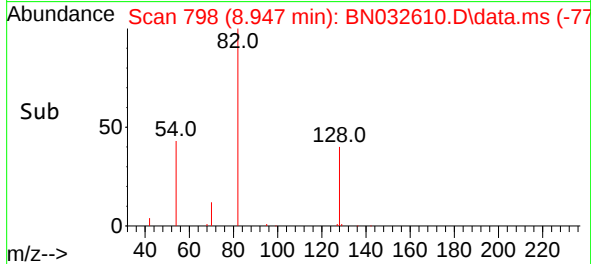
Instrument :
BNA_N
ClientSampleId :
PB161970BL



Tgt Ion: 82 Resp: 4180
Ion Ratio Lower Upper
82 100
128 60.1 43.4 65.2
54 55.9 40.2 60.2

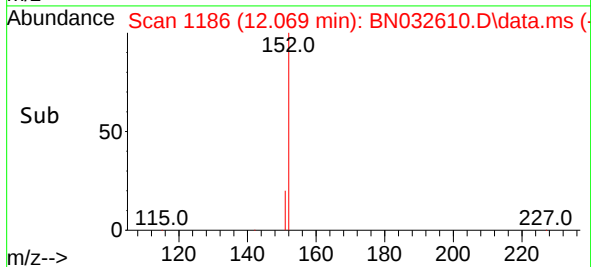
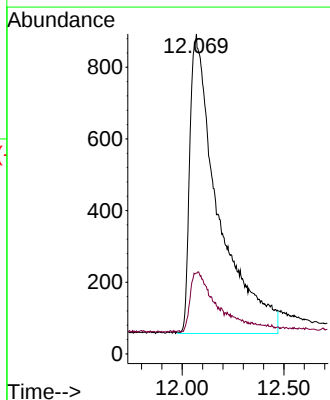
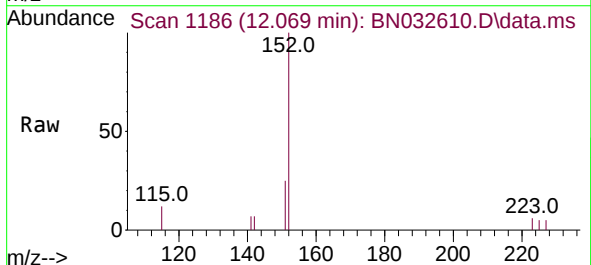
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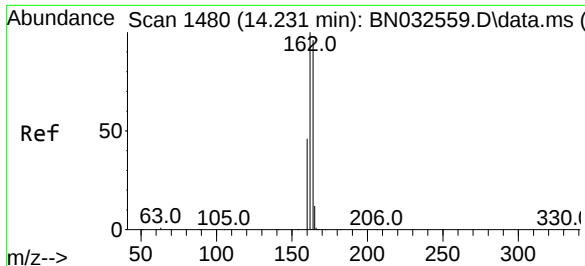
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#11
2-Methylnaphthalene-d10
Concen: 0.353 ng m
RT: 12.069 min Scan# 1186
Delta R.T. 0.087 min
Lab File: BN032610.D
Acq: 10 Jul 2024 10:00

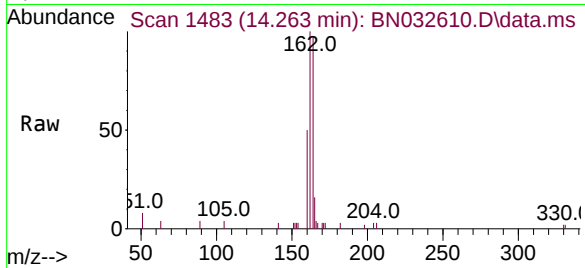
Tgt Ion:152 Resp: 8097
Ion Ratio Lower Upper
152 100
151 14.1 16.4 24.6#





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.263 min Scan# 1480
Delta R.T. 0.032 min
Lab File: BN032610.D
Acq: 10 Jul 2024 10:00

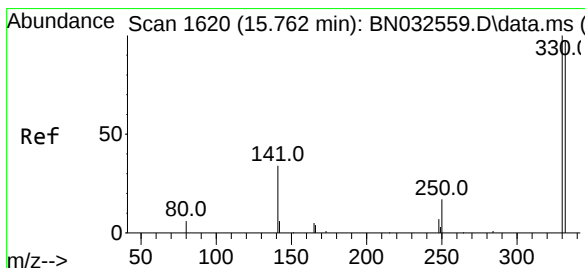
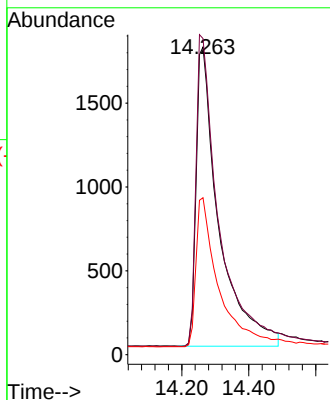
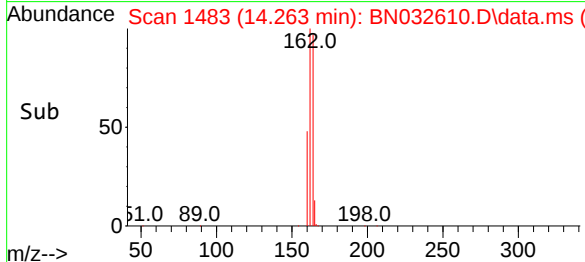
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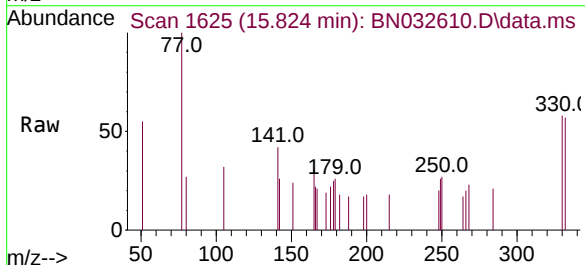
Tgt Ion:164 Resp: 8380
Ion Ratio Lower Upper
164 100
162 102.7 83.2 124.8
160 51.0 38.6 57.8

Manual Integrations
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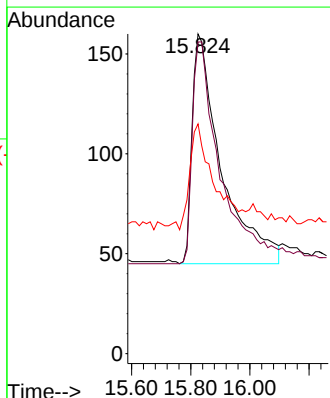
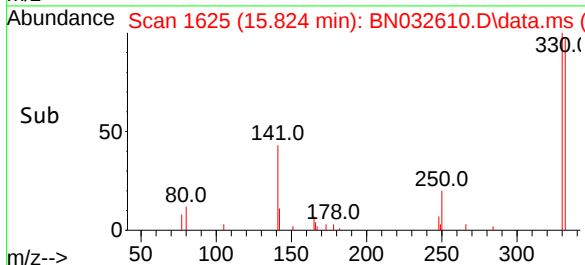
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

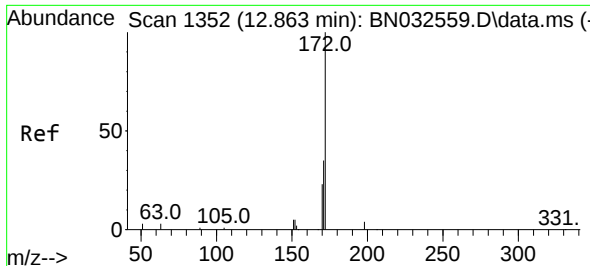


#14
2,4,6-Tribromophenol
Concen: 0.208 ng m
RT: 15.824 min Scan# 1625
Delta R.T. 0.062 min
Lab File: BN032610.D
Acq: 10 Jul 2024 10:00



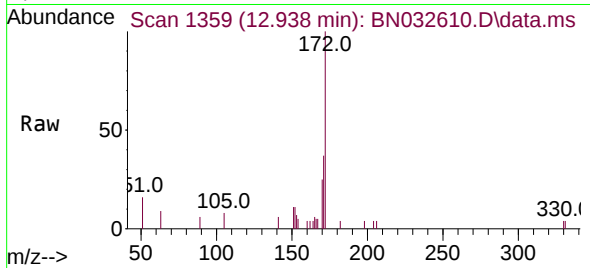
Tgt Ion:330 Resp: 792
Ion Ratio Lower Upper
330 100
332 66.2 77.7 116.5#
141 27.4 31.8 47.8#





#15
2-Fluorobiphenyl
Concen: 0.386 ng m
RT: 12.938 min Scan# 11930
Delta R.T. 0.075 min
Lab File: BN032610.D
Acq: 10 Jul 2024 10:00

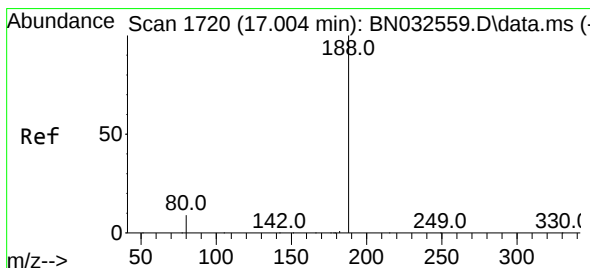
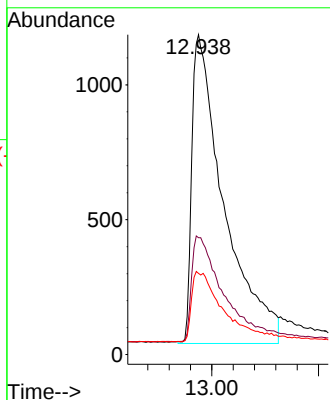
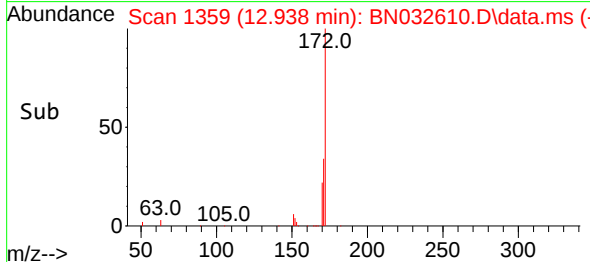
Instrument :
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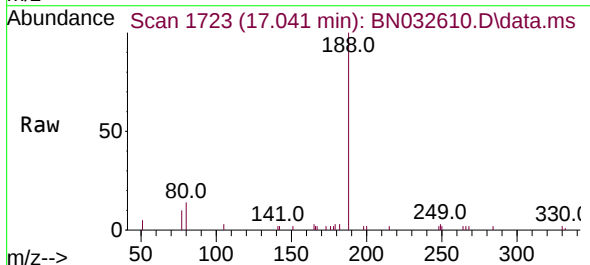
Tgt Ion:172 Resp: 11930
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 25.4 19.2 28.8

Manual Integrations
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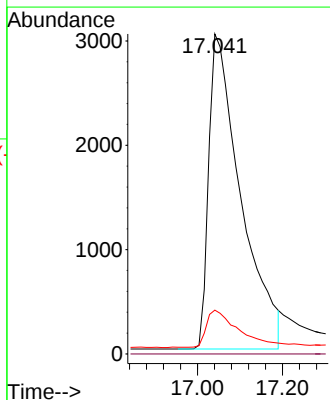
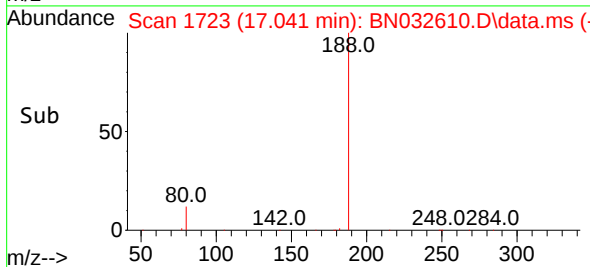
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

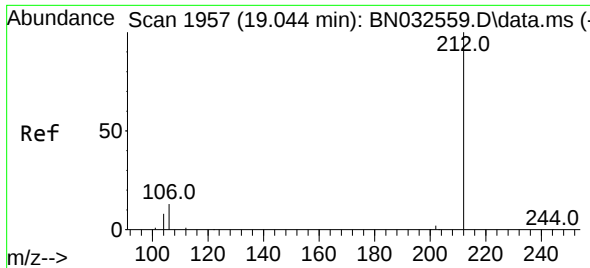


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.041 min Scan# 1723
Delta R.T. 0.037 min
Lab File: BN032610.D
Acq: 10 Jul 2024 10:00



Tgt Ion:188 Resp: 15791
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.7 7.8 11.6





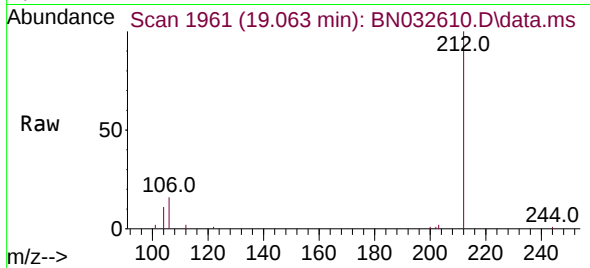
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Fluoranthene-d10
Concen: 0.349 ng
RT: 19.063 min Scan# 1957
Delta R.T. 0.018 min
Lab File: BN032610.D
Acq: 10 Jul 2024 10:00

Instrument :

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ClientSampleId :

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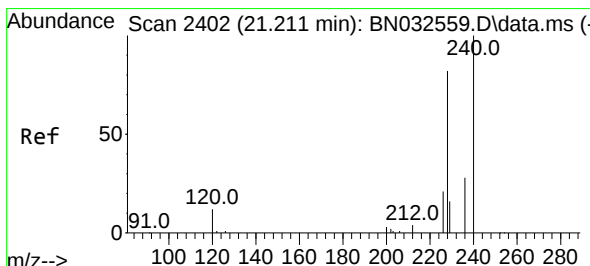
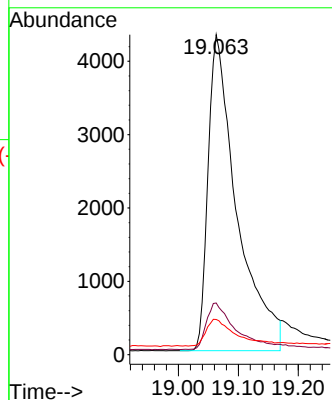
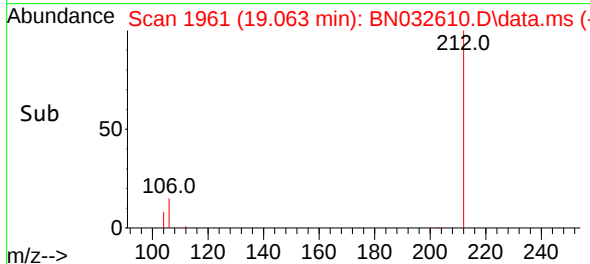
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Ion Ratio Lower Upper
212 100
106 15.2 11.8 17.8
104 8.9 6.9 10.3

Manual Integrations

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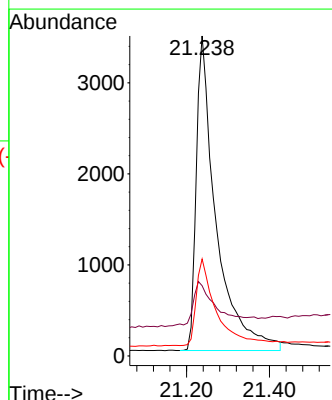
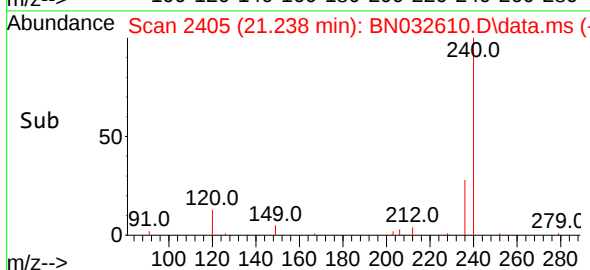
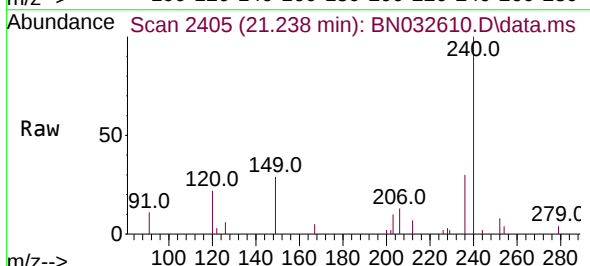
Reviewed By :Yogesh Patel 07/11/2024

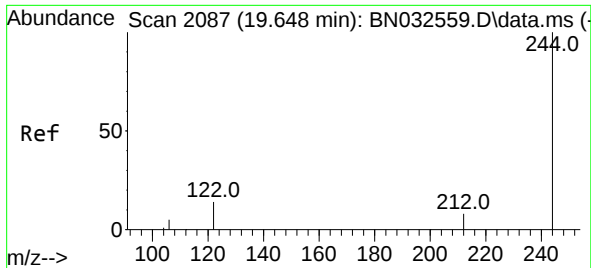
Supervised By :mohammad ahmed 07/11/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2405
Delta R.T. 0.027 min
Lab File: BN032610.D
Acq: 10 Jul 2024 10:00

Tgt Ion:240 Resp: 11470
Ion Ratio Lower Upper
240 100
120 22.0 13.0 19.4#
236 30.3 23.1 34.7





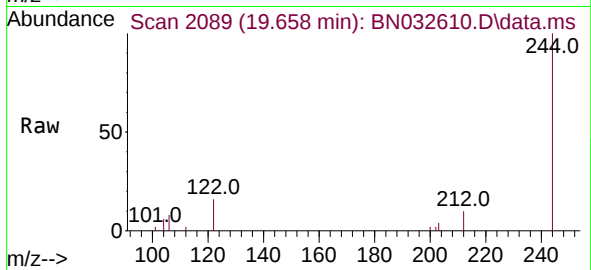
#31
 Terphenyl-d14
 Concen: 0.378 ng
 RT: 19.658 min Scan# 2089
 Delta R.T. 0.009 min
 Lab File: BN032610.D
 Acq: 10 Jul 2024 10:00

Instrument :

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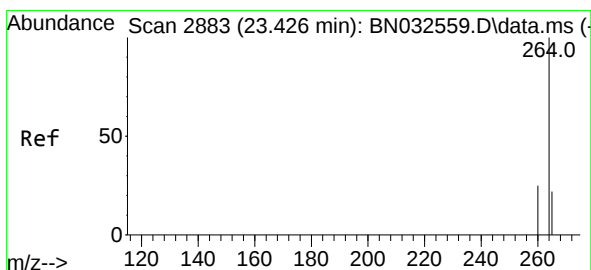
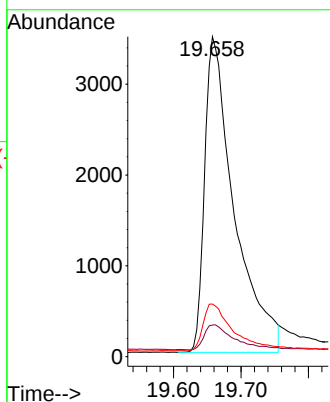
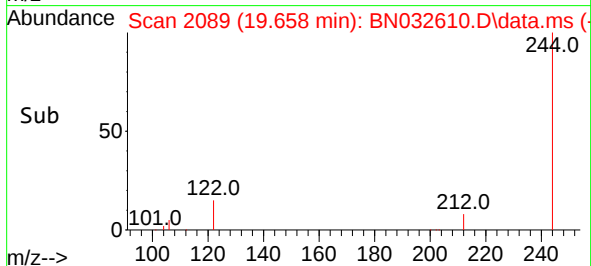
Tgt Ion:244 Resp: 10588
 Ion Ratio Lower Upper
 244 100
 212 9.9 7.2 10.8
 122 16.4 12.1 18.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.449 min Scan# 2891
 Delta R.T. 0.023 min
 Lab File: BN032610.D
 Acq: 10 Jul 2024 10:00

Tgt Ion:264 Resp: 11598
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.0 31.6
 265 163.1 76.6 115.0#

