

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
 Data File : BN036830.D
 Acq On : 03 Apr 2025 19:38
 Operator : RC/JU
 Sample : Q1711-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-17B-55-040225

Quant Time: Apr 04 00:56:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/04/2025
 Supervised By :Jagrut Upadhyay 04/04/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	1746	0.400	ng	-0.03
7) Naphthalene-d8	10.477	136	4471	0.400	ng	-0.03
13) Acenaphthene-d10	14.334	164	2426	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	5244	0.400	ng	-0.02
29) Chrysene-d12	21.268	240	4582	0.400	ng	-0.03
35) Perylene-d12	23.513	264	4350	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	635	0.156	ng	-0.02
5) Phenol-d6	6.872	99	445	0.089	ng	-0.03
8) Nitrobenzene-d5	8.843	82	1494	0.307	ng	-0.03
11) 2-Methylnaphthalene-d10	12.070	152	2212	0.333	ng	-0.04
14) 2,4,6-Tribromophenol	15.833	330	455	0.413	ng	-0.02
15) 2-Fluorobiphenyl	12.958	172	5541	0.393	ng	-0.03
27) Fluoranthene-d10	19.113	212	5667	0.422	ng	-0.03
31) Terphenyl-d14	19.717	244	4554	0.415	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	3.218	88	3478	1.796	ng	# 93
9) Naphthalene	10.530	128	394	0.030	ng	# 64
25) Phenanthrene	17.124	178	1163m	0.074	ng	
28) Fluoranthene	19.146	202	793	0.045	ng	# 84
30) Pyrene	19.508	202	577	0.026	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.187	149	502	0.044	ng	98

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

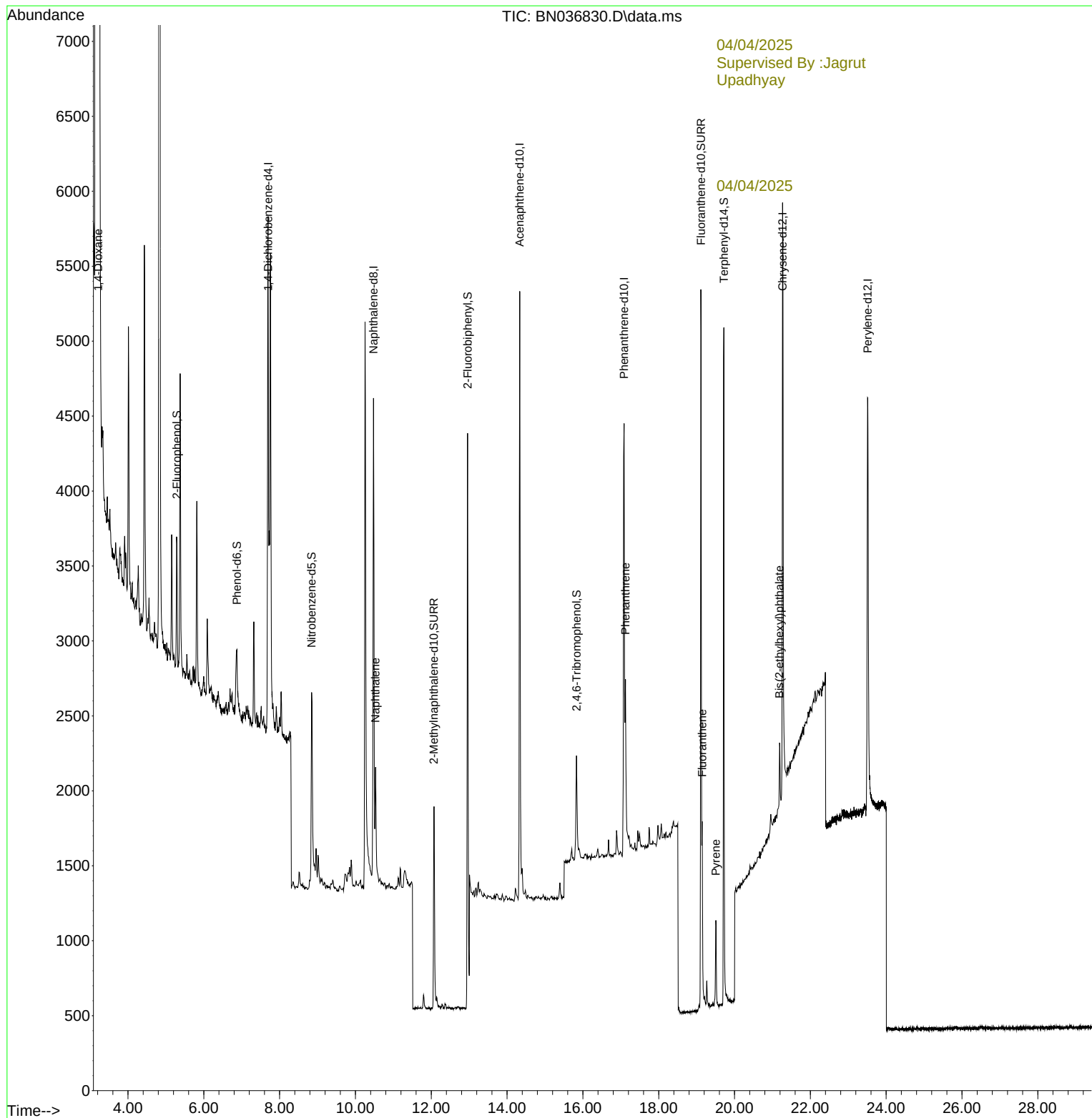
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
Data File : BN036830.D
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ALS Vial : 15 Sample Multiplier: 1

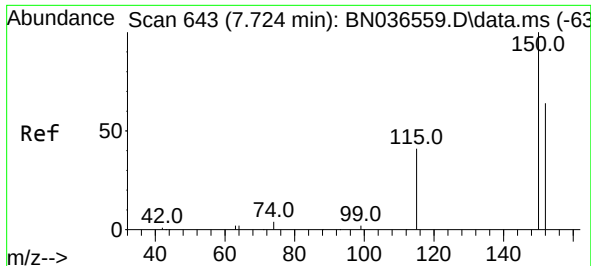
Instrument :
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Quant Time: Apr 04 00:56:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
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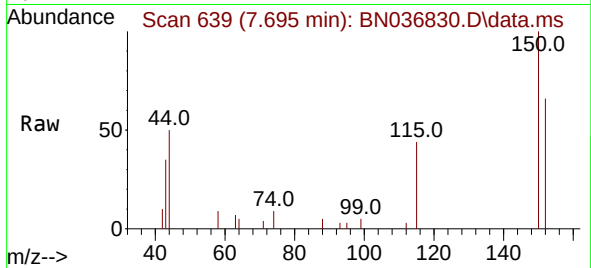
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Supervised By :Jagrut Upadhyay 04/04/2025





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.695 min Scan# 61
Delta R.T. -0.029 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38

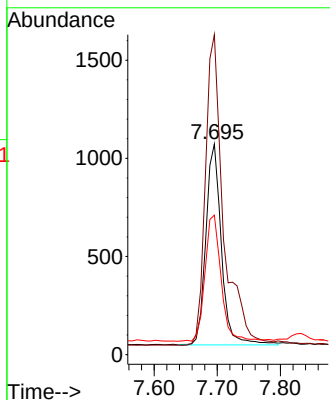
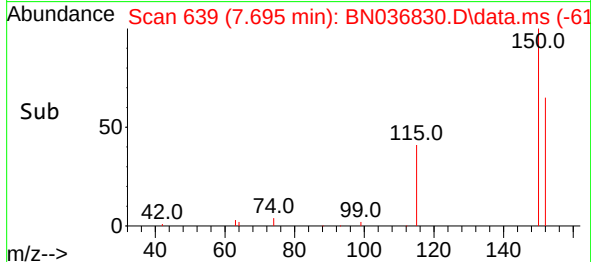
Instrument :
BNA_N
ClientSampleId :
MW-17B-55-040225



Tgt Ion:152 Resp: 1740
Ion Ratio Lower Upper
152 100
150 151.9 123.7 185.5
115 66.3 54.3 81.5

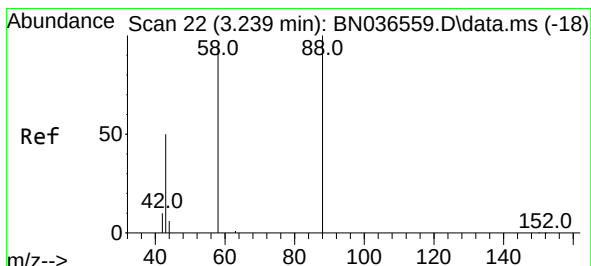
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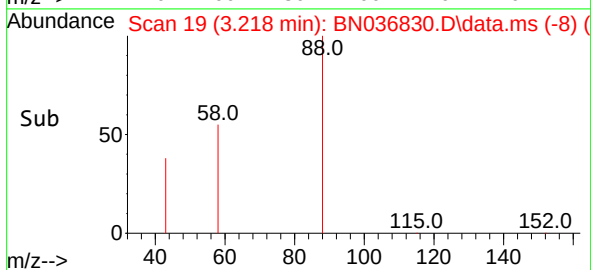
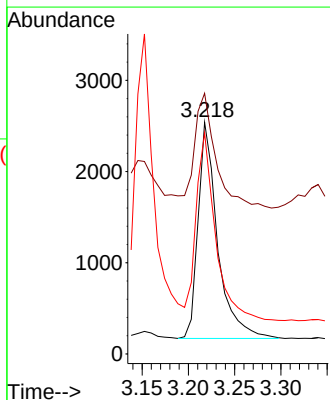
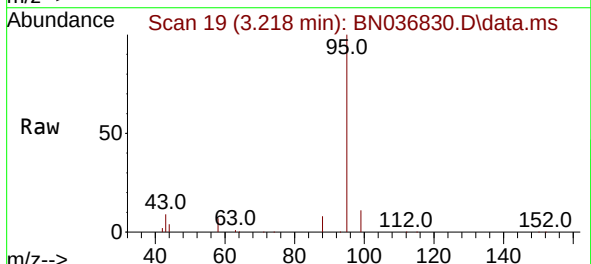
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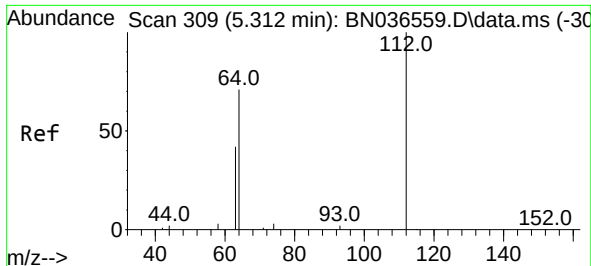
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#2
1,4-Dioxane
Concen: 1.796 ng
RT: 3.218 min Scan# 19
Delta R.T. -0.021 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38

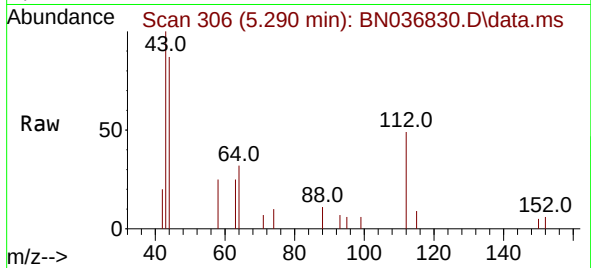
Tgt Ion: 88 Resp: 3478
Ion Ratio Lower Upper
88 100
43 58.3 37.8 56.8#
58 86.3 67.4 101.2





#4
2-Fluorophenol
Concen: 0.156 ng
RT: 5.290 min Scan# 309
Delta R.T. -0.022 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38

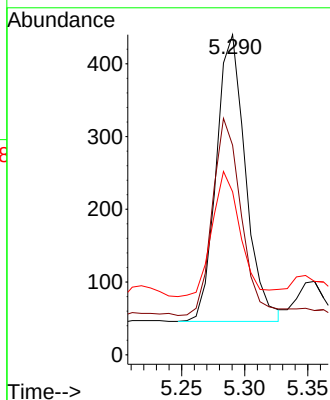
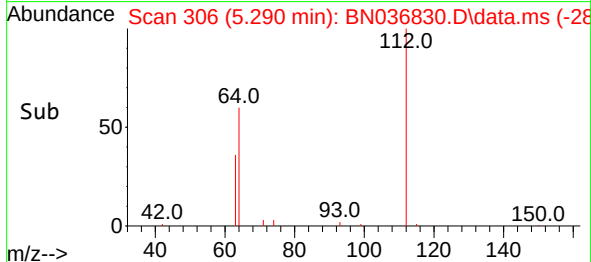
Instrument :
BNA_N
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Tgt Ion: 112 Resp: 639
Ion Ratio Lower Upper
112 100
64 71.5 53.1 79.7
63 42.0 31.8 47.8

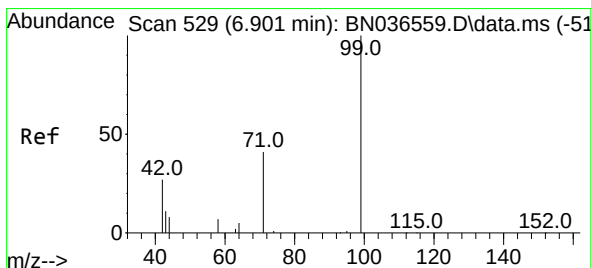
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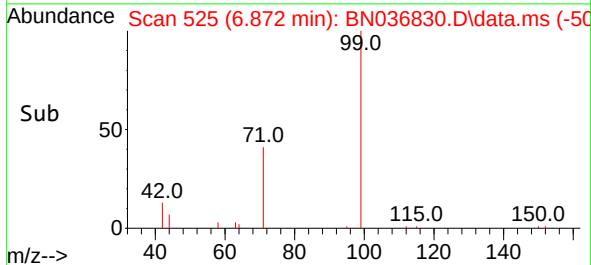
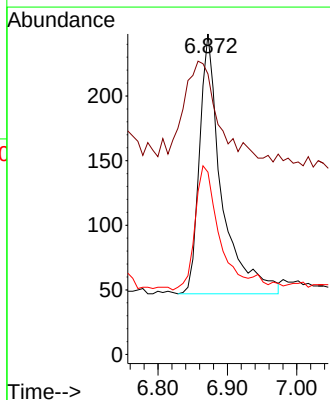
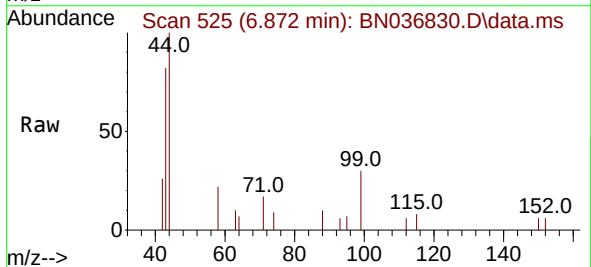
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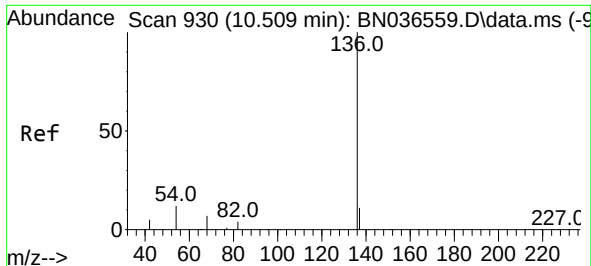
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#5
Phenol-d6
Concen: 0.089 ng
RT: 6.872 min Scan# 525
Delta R.T. -0.029 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38

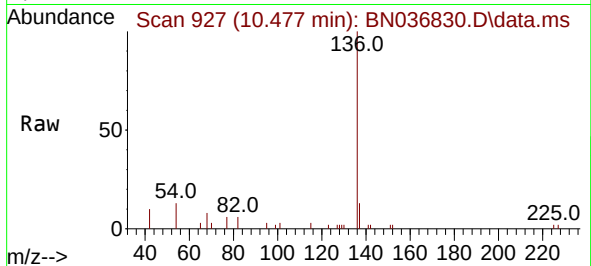
Tgt Ion: 99 Resp: 445
Ion Ratio Lower Upper
99 100
42 56.0 26.5 39.7#
71 51.2 34.1 51.1#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 91
Delta R.T. -0.032 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38

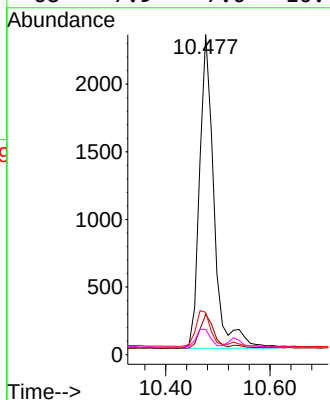
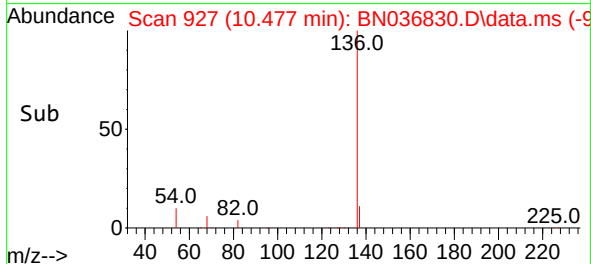
Instrument :
BNA_N
ClientSampleId :
MW-17B-55-040225



Tgt Ion:136 Resp: 447
Ion Ratio Lower Upper
136 100
137 12.6 10.3 15.5
54 13.2 11.5 17.3
68 7.9 7.0 10.4

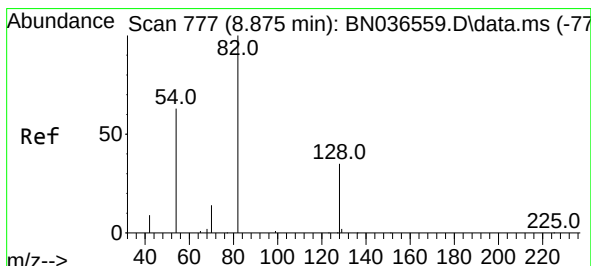
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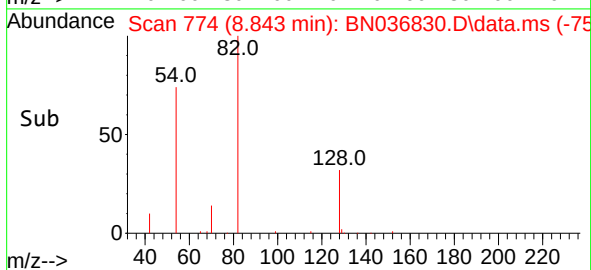
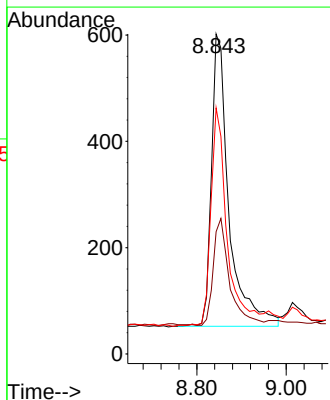
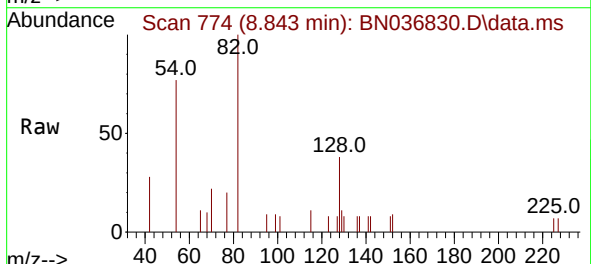
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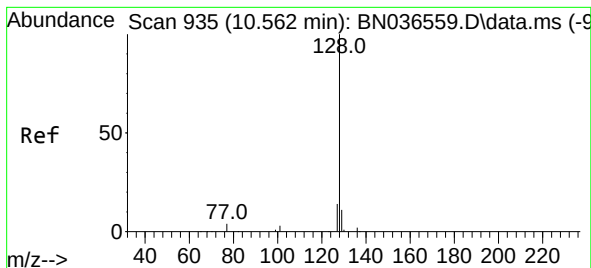
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#8
Nitrobenzene-d5
Concen: 0.307 ng
RT: 8.843 min Scan# 774
Delta R.T. -0.032 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38

Tgt Ion: 82 Resp: 1494
Ion Ratio Lower Upper
82 100
128 38.2 30.6 45.8
54 76.9 52.2 78.4





#9

Naphthalene

Concen: 0.030 ng

RT: 10.530 min Scan# 91

Delta R.T. -0.032 min

Lab File: BN036830.D

Acq: 03 Apr 2025 19:38

Instrument :

BNA_N

ClientSampleId :

MW-17B-55-040225

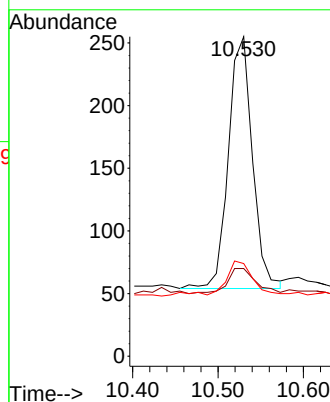
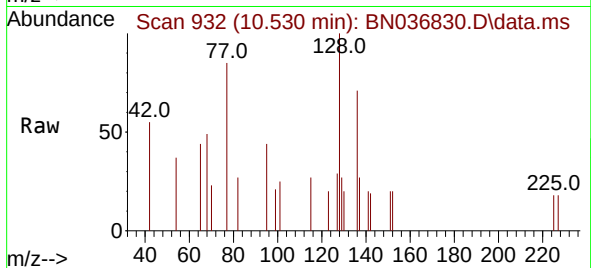
Tgt Ion:128	Resp:	394
Ion Ratio	Lower	Upper
128	100	
129	27.5	9.8 14.6
127	29.0	11.8 17.8

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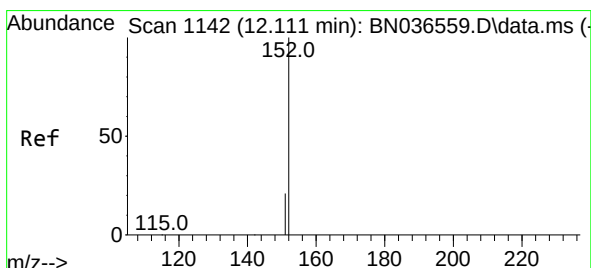
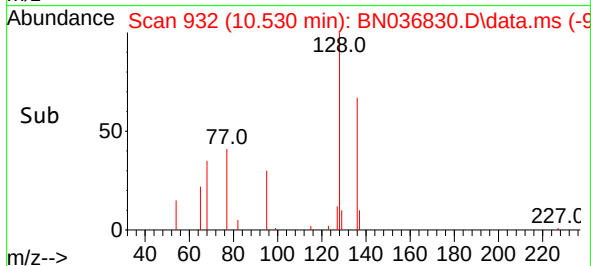
Reviewed By :Rahul Chavli 04/04/2025

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#11

2-Methylnaphthalene-d10

Concen: 0.333 ng

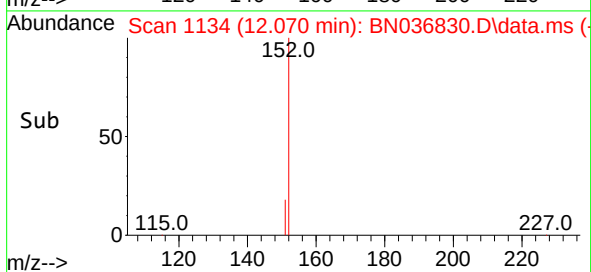
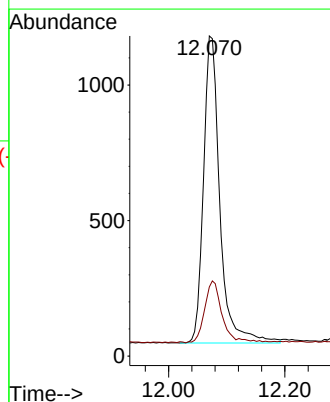
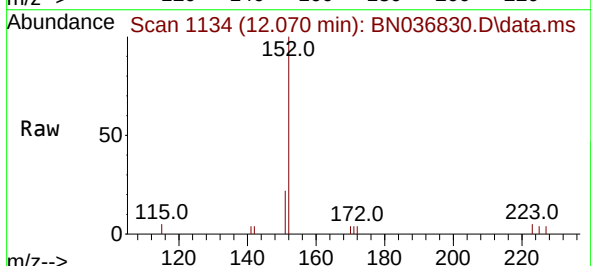
RT: 12.070 min Scan# 1134

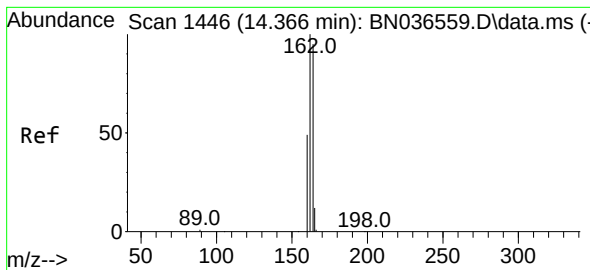
Delta R.T. -0.041 min

Lab File: BN036830.D

Acq: 03 Apr 2025 19:38

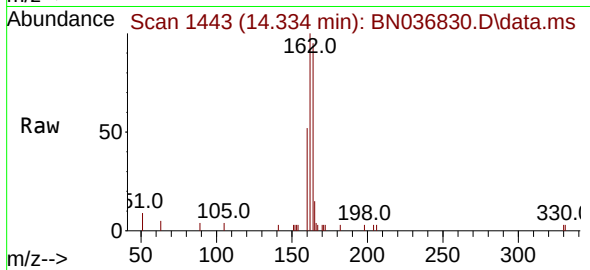
Tgt Ion:152	Resp:	2212
Ion Ratio	Lower	Upper
152	100	
151	21.7	17.0 25.6





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1443
Delta R.T. -0.032 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38

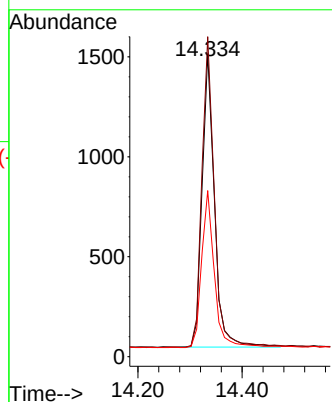
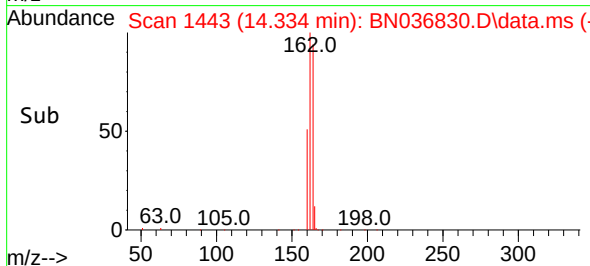
Instrument :
BNA_N
ClientSampleId :
MW-17B-55-040225



Tgt Ion:164 Resp: 2420
Ion Ratio Lower Upper
164 100
162 105.7 84.2 126.2
160 54.9 42.2 63.2

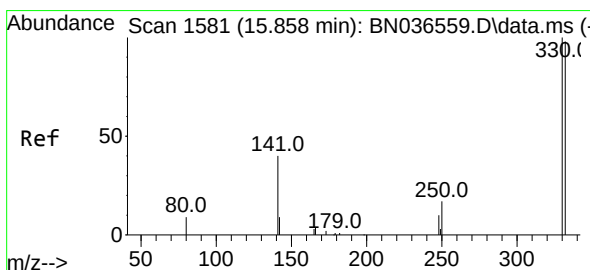
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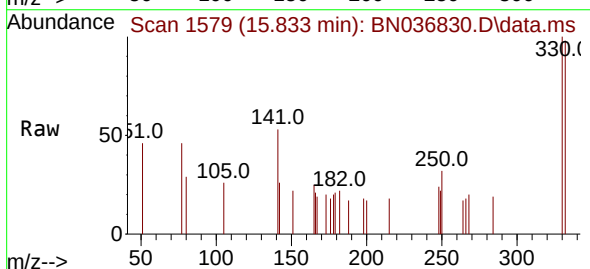


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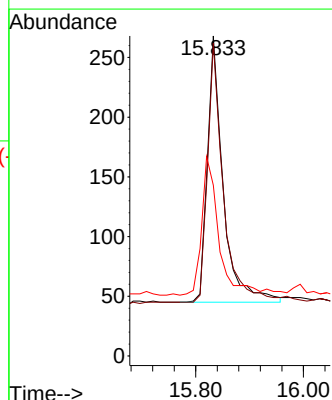
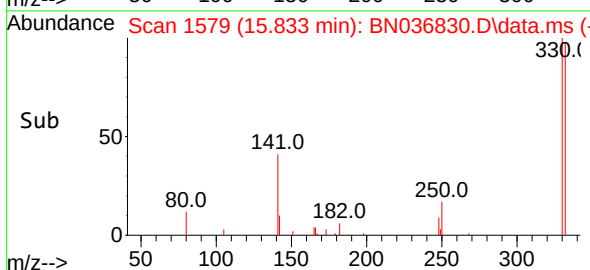
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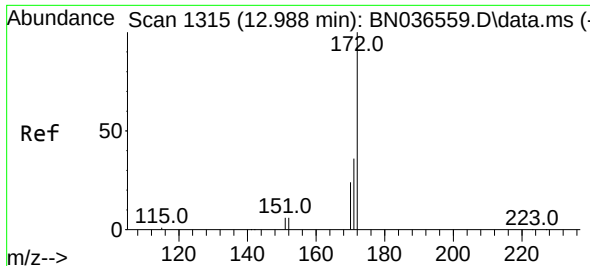


#14
2,4,6-Tribromophenol
Concen: 0.413 ng
RT: 15.833 min Scan# 1579
Delta R.T. -0.025 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38



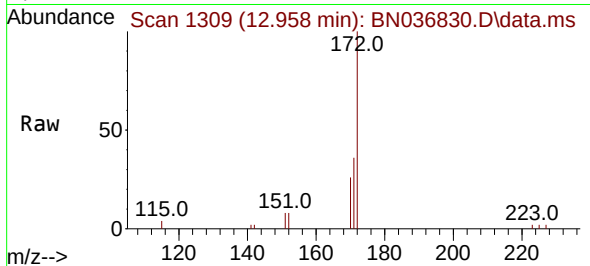
Tgt Ion:330 Resp: 455
Ion Ratio Lower Upper
330 100
332 96.7 75.2 112.8
141 57.6 43.4 65.2





#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 12.958 min Scan# 11
Delta R.T. -0.030 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38

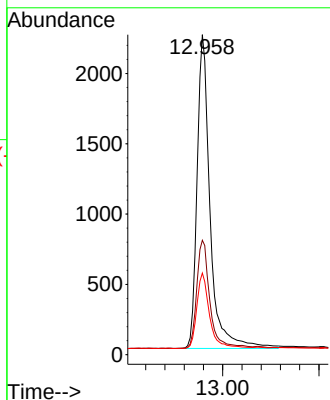
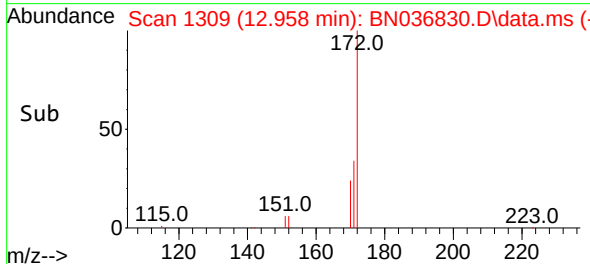
Instrument :
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MW-17B-55-040225



Tgt Ion:172 Resp: 554
Ion Ratio Lower Upper
172 100
171 35.8 29.5 44.3
170 25.5 20.2 30.4

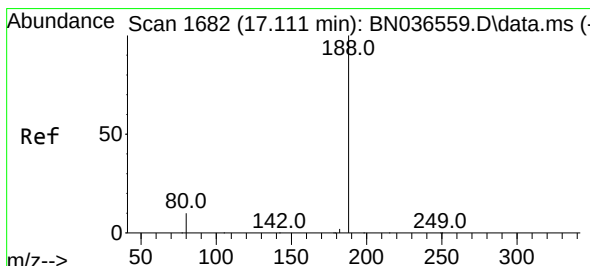
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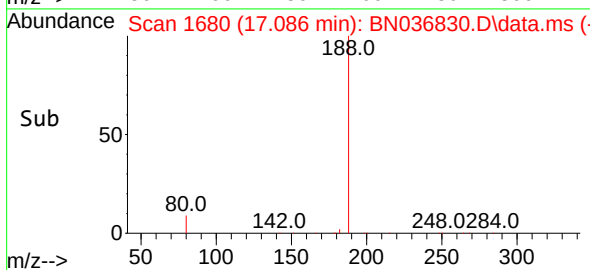
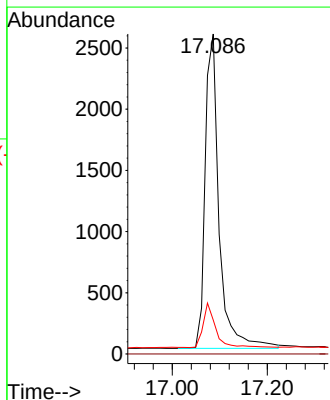
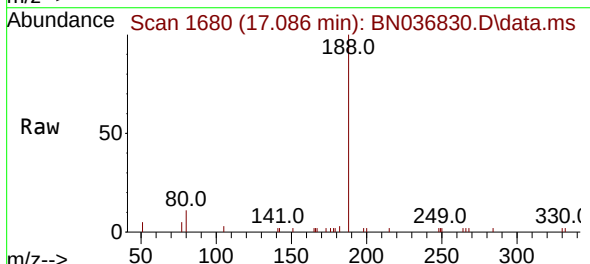
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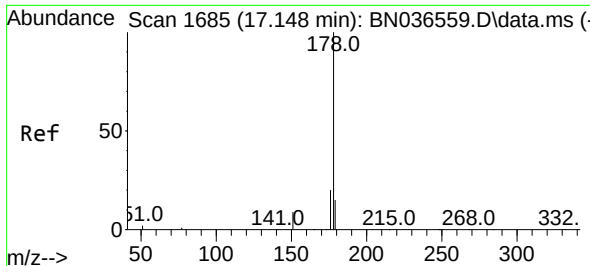
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38

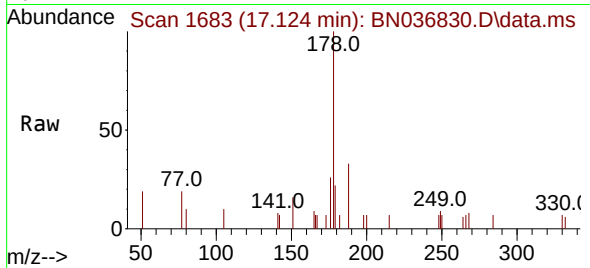
Tgt Ion:188 Resp: 5244
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 8.8 13.2





#25
Phenanthrene
Concen: 0.074 ng m
RT: 17.124 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38

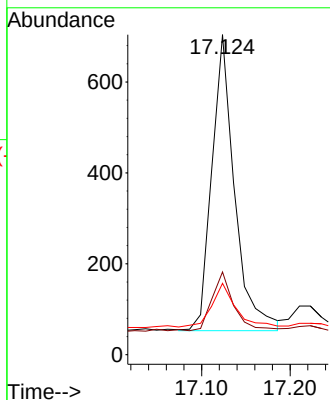
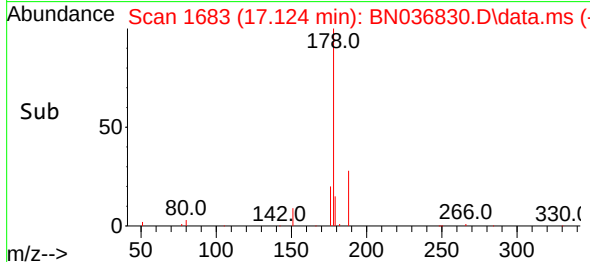
Instrument :
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MW-17B-55-040225



Tgt Ion:178 Resp: 116
Ion Ratio Lower Upper
178 100
176 1.7 15.9 23.9
179 1.1 12.2 18.4

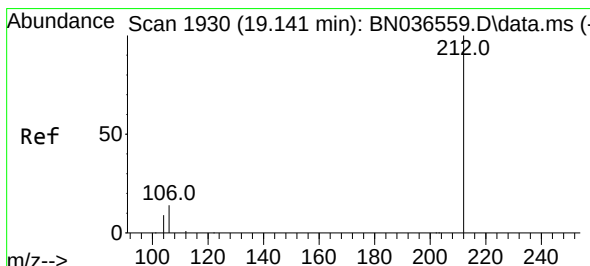
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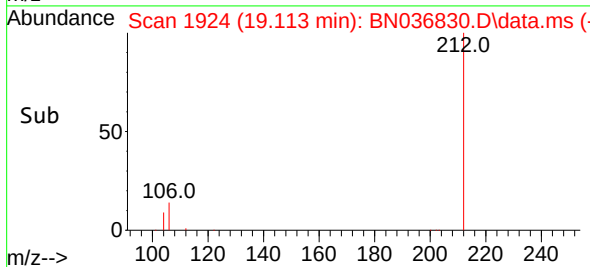
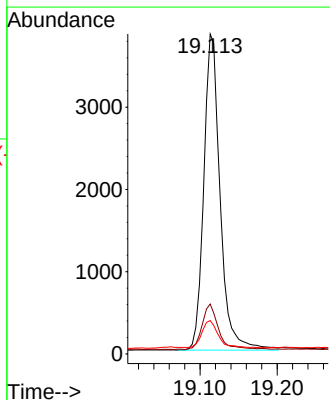
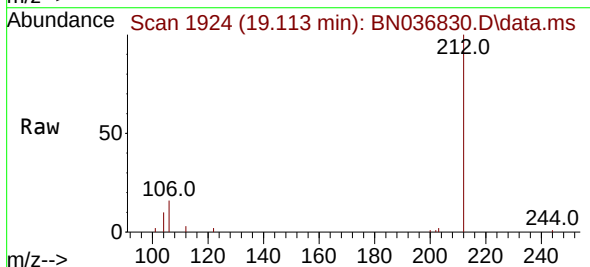
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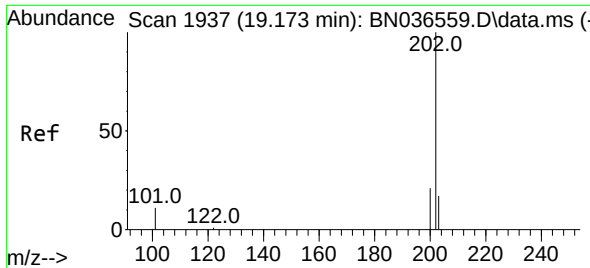
04/04/2025



#27
Fluoranthene-d10
Concen: 0.422 ng
RT: 19.113 min Scan# 1924
Delta R.T. -0.028 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38

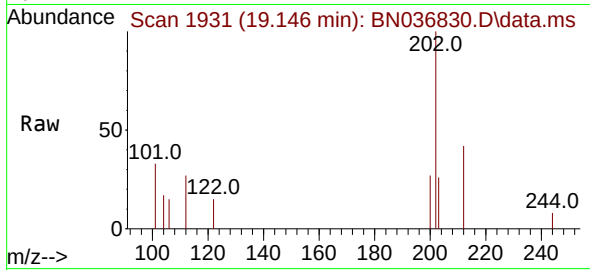
Tgt Ion:212 Resp: 5667
Ion Ratio Lower Upper
212 100
106 14.3 11.8 17.6
104 8.9 7.3 10.9





#28
Fluoranthene
Concen: 0.045 ng
RT: 19.146 min Scan# 1937
Delta R.T. -0.028 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38

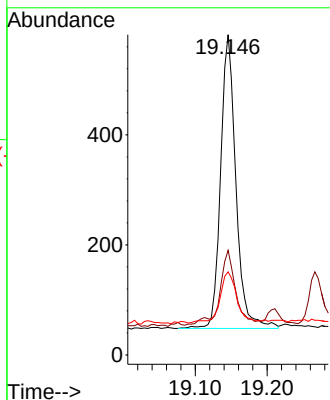
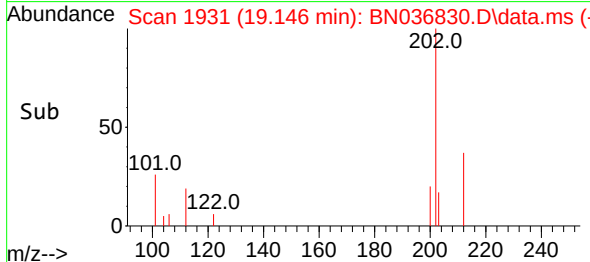
Instrument :
BNA_N
ClientSampleId :
MW-17B-55-040225



Tgt Ion:202 Resp: 79
Ion Ratio Lower Upper
202 100
101 23.8 9.4 14.0
203 19.0 13.5 20.3

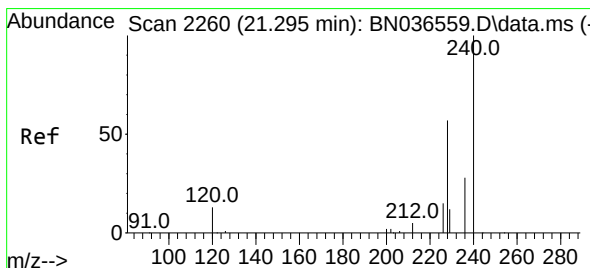
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Supervised By :Jagrut Upadhyay 04/04/2025



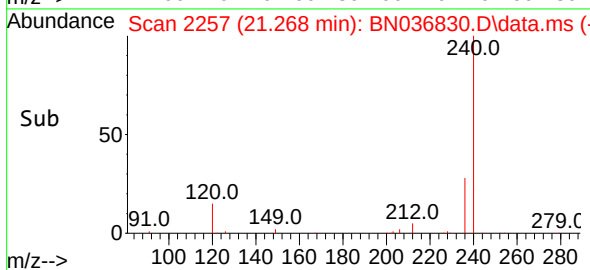
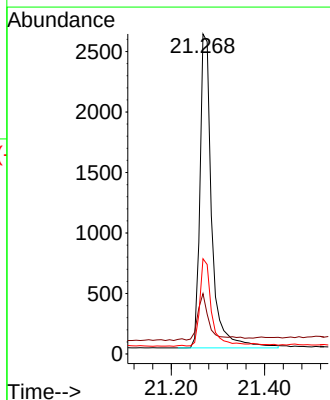
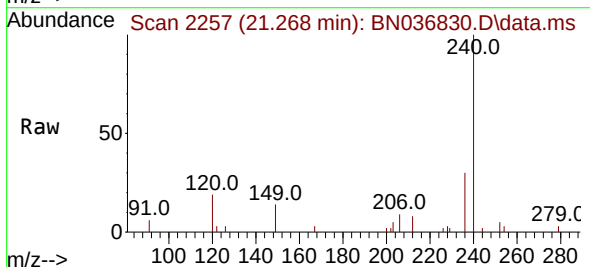
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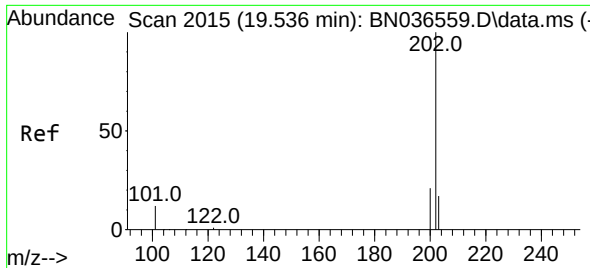
04/04/2025



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2257
Delta R.T. -0.027 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38

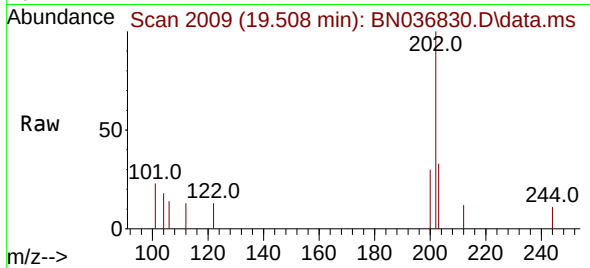
Tgt Ion:240 Resp: 4582
Ion Ratio Lower Upper
240 100
120 18.9 14.6 22.0
236 29.8 24.1 36.1





#30
Pyrene
Concen: 0.026 ng
RT: 19.508 min Scan# 2054
Delta R.T. -0.028 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38

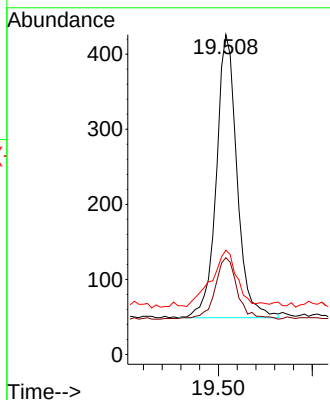
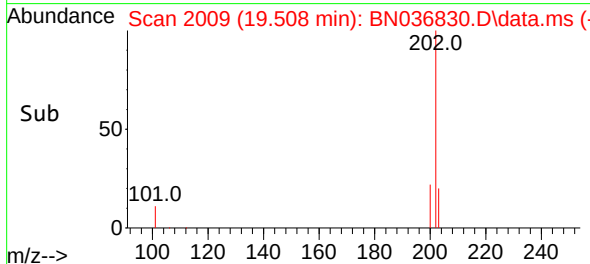
Instrument :
BNA_N
ClientSampleId :
MW-17B-55-040225



Tgt Ion:202 Resp: 57
Ion Ratio Lower Upper
202 100
200 23.7 17.1 25.7
203 24.1 14.1 21.1

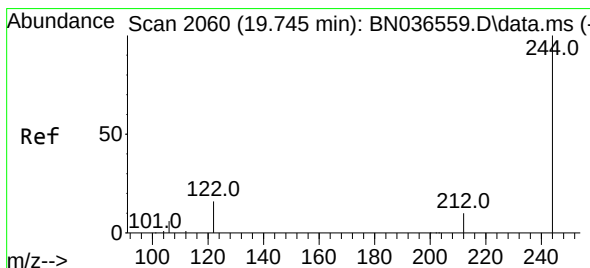
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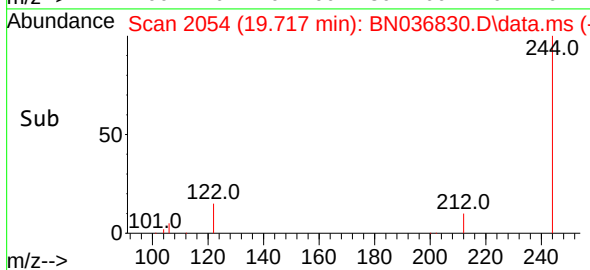
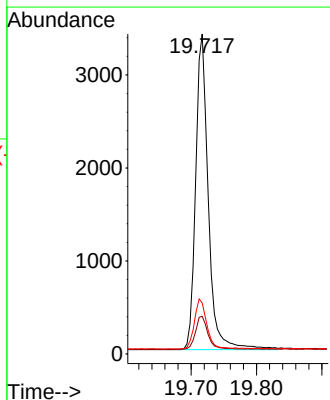
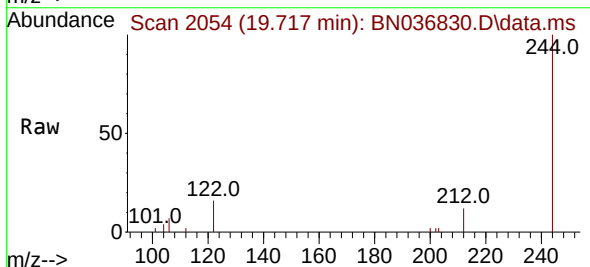
04/04/2025
Supervised By :Jagrut
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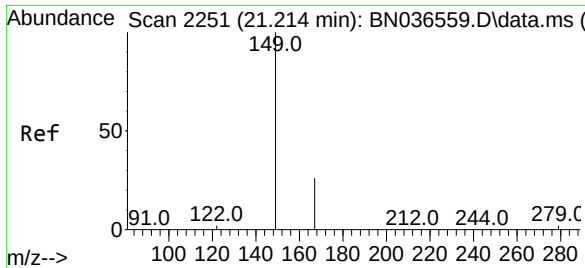
04/04/2025



#31
Terphenyl-d14
Concen: 0.415 ng
RT: 19.717 min Scan# 2054
Delta R.T. -0.028 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38

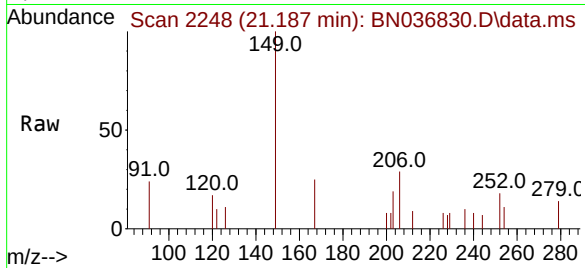
Tgt Ion:244 Resp: 4554
Ion Ratio Lower Upper
244 100
212 11.7 9.6 14.4
122 16.0 13.9 20.9





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.044 ng
RT: 21.187 min Scan# 2118
Delta R.T. -0.027 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38

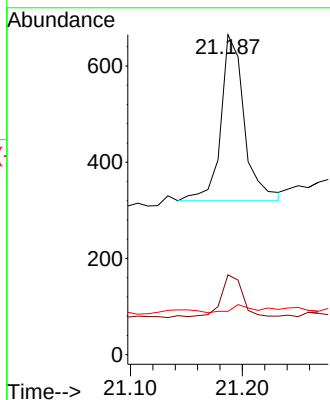
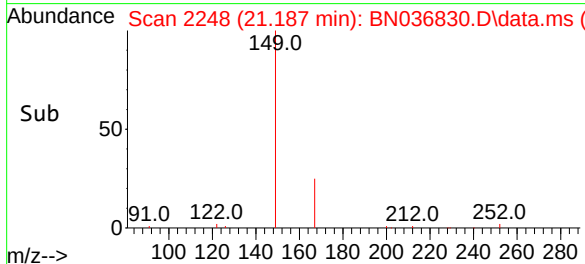
Instrument :
BNA_N
ClientSampleId :
MW-17B-55-040225



Tgt Ion:149 Resp: 502
Ion Ratio Lower Upper
149 100
167 24.9 20.7 31.1
279 4.0 3.6 5.4

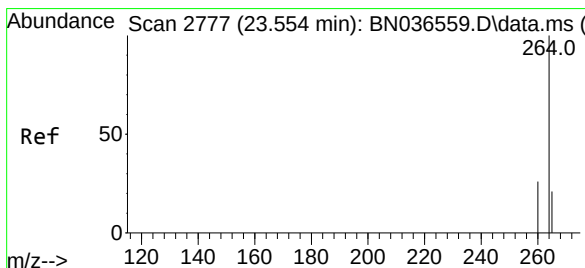
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Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



04/04/2025
Supervised By :Jagrut
Upadhyay

04/04/2025



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.513 min Scan# 2763
Delta R.T. -0.041 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38

Tgt Ion:264 Resp: 4350
Ion Ratio Lower Upper
264 100
260 26.9 22.6 33.8
265 72.3 88.1 132.1#

