

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012623\
 Data File : BN023811.D
 Acq On : 26 Jan 2023 01:29
 Operator : CG/JU
 Sample : 01221-01DL 20X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-10-0118DL

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 01/26/2023
 Supervised By :Jagrut Upadhyay 01/26/2023

Quant Time: Jan 26 02:02:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 26 00:40:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.883	152	6043	0.400	ng	0.00
7) Naphthalene-d8	10.690	136	17649	0.400	ng	0.00
13) Acenaphthene-d10	14.527	164	10776	0.400	ng	0.00
19) Phenanthrene-d10	17.278	188	20530	0.400	ng	0.00
29) Chrysene-d12	21.464	240	19221	0.400	ng	0.00
35) Perylene-d12	23.878	264	16700	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	207	0.016	ng	0.00
5) Phenol-d6	7.046	99	112	0.007	ng	0.00
8) Nitrobenzene-d5	9.046	82	186m	0.013	ng	0.00
11) 2-Methylnaphthalene-d10	12.284	152	265	0.011	ng	0.00
14) 2,4,6-Tribromophenol	16.024	330	96	0.021	ng	0.00
15) 2-Fluorobiphenyl	13.159	172	562	0.012	ng	0.00
27) Fluoranthene-d10	19.309	212	689	0.014	ng	0.00
31) Terphenyl-d14	19.907	244	707	0.023	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.312	88	162	0.025	ng	# 1
9) Naphthalene	10.744	128	176795	3.871	ng	99
12) 2-Methylnaphthalene	12.356	142	3159	0.098	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.374	149	1899	0.070	ng	# 94

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

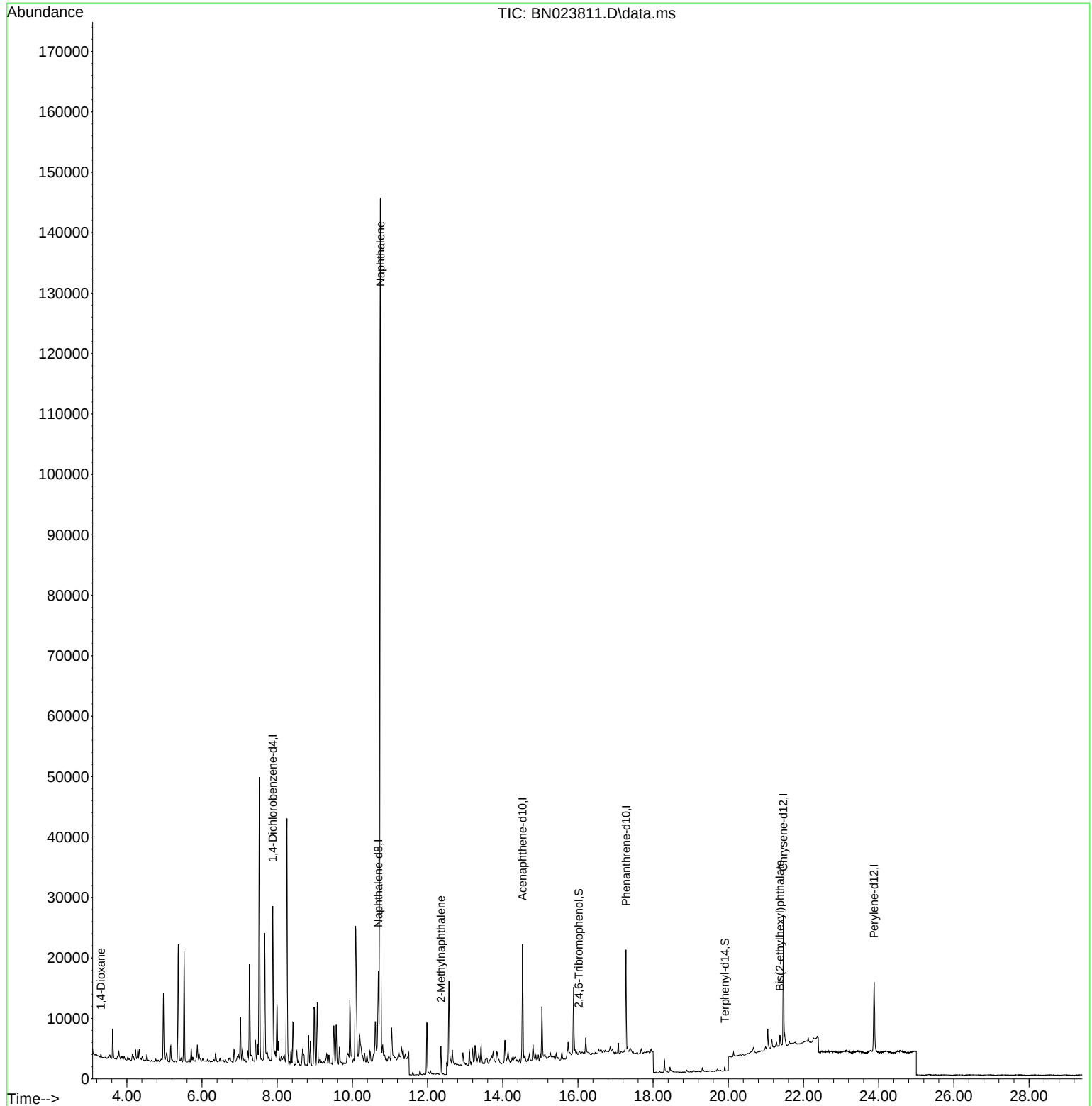
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012623\
Data File : BN023811.D
Acq On : 26 Jan 2023 01:29
Operator : CG/JU
Sample : 01221-01DL 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

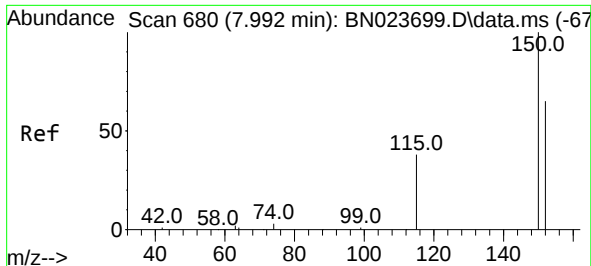
Instrument :
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MW-10-0118DL

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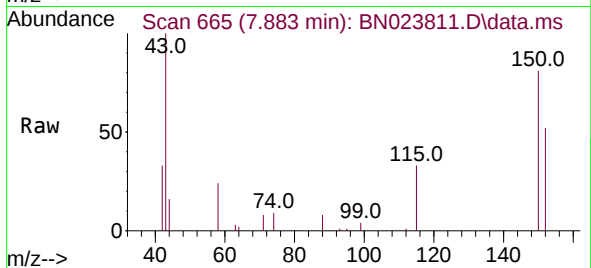
Quant Time: Jan 26 02:02:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 26 00:40:21 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.883 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN023811.D
Acq: 26 Jan 2023 01:29

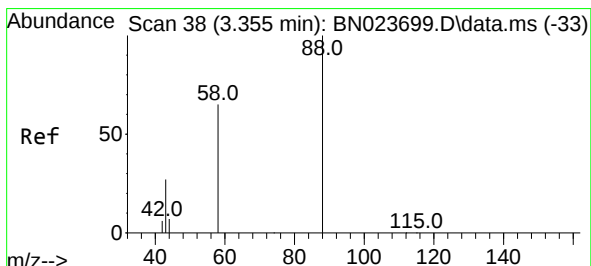
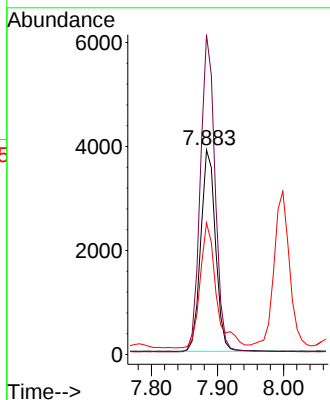
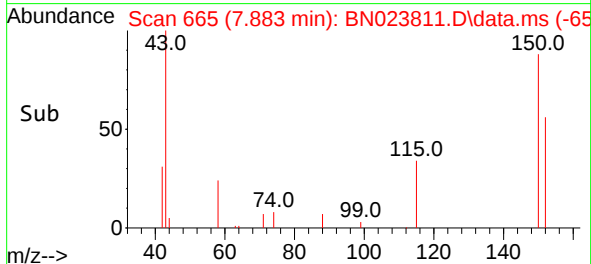
Instrument :
BNA_N
ClientSampleId :
MW-10-0118DL



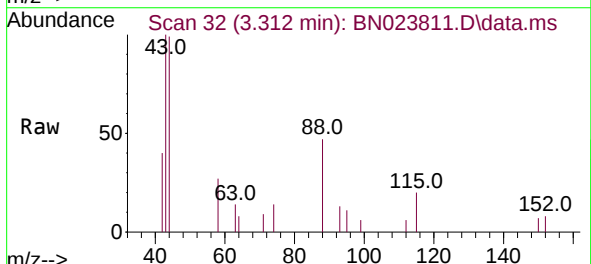
Tgt Ion:152 Resp: 6043
Ion Ratio Lower Upper
152 100
150 156.4 122.4 183.6
115 64.3 48.2 72.4

Manual Integrations
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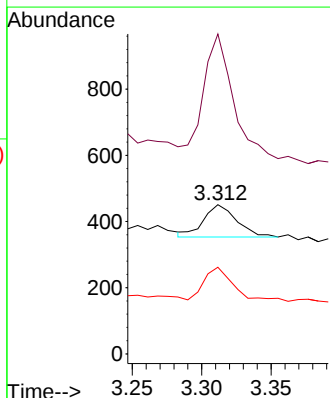
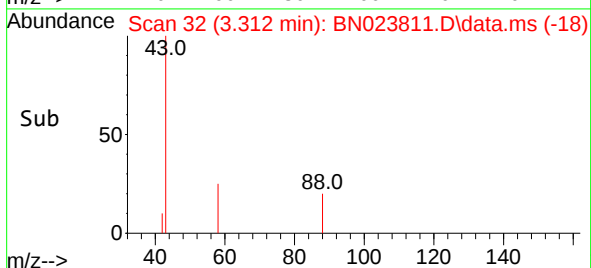
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023

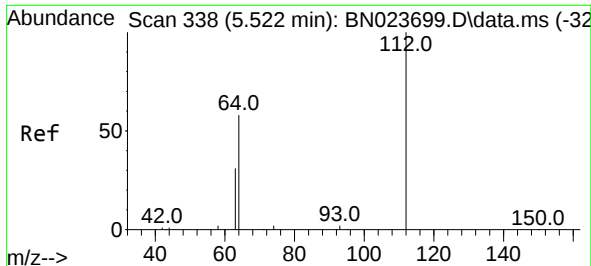


#2
1,4-Dioxane
Concen: 0.025 ng
RT: 3.312 min Scan# 32
Delta R.T. -0.000 min
Lab File: BN023811.D
Acq: 26 Jan 2023 01:29



Tgt Ion: 88 Resp: 162
Ion Ratio Lower Upper
88 100
43 345.1 26.8 40.2#
58 94.4 58.5 87.7#





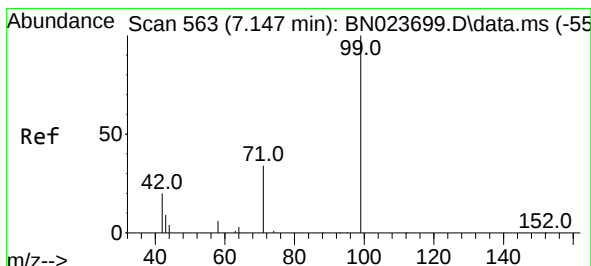
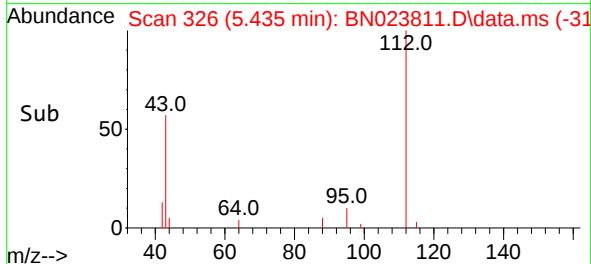
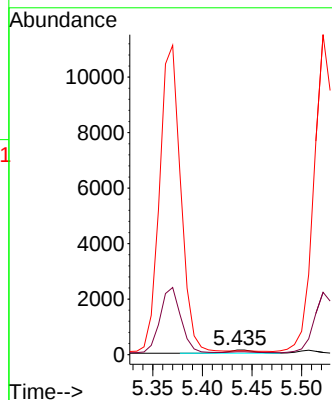
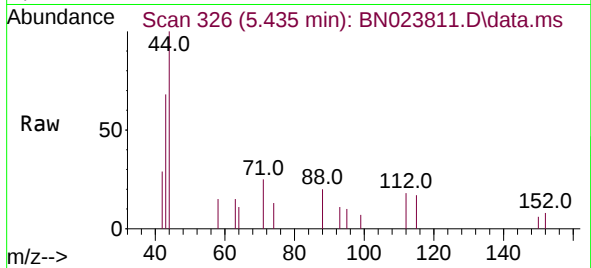
#4
2-Fluorophenol
Concen: 0.016 ng
RT: 5.435 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN023811.D
Acq: 26 Jan 2023 01:29

Instrument :
BNA_N
ClientSampleId :
MW-10-0118DL

Tgt Ion: 112 Resp: 207
Ion Ratio Lower Upper
112 100
64 0.0 45.8 68.8#
63 0.0 25.3 37.9#

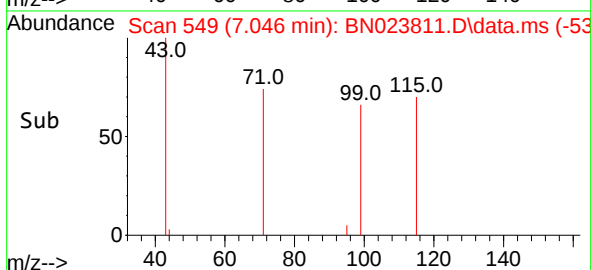
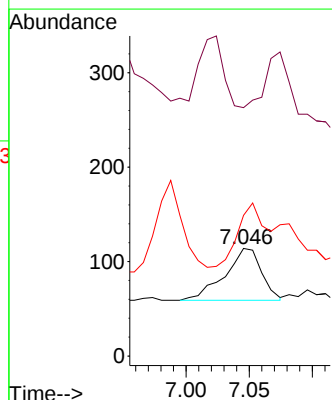
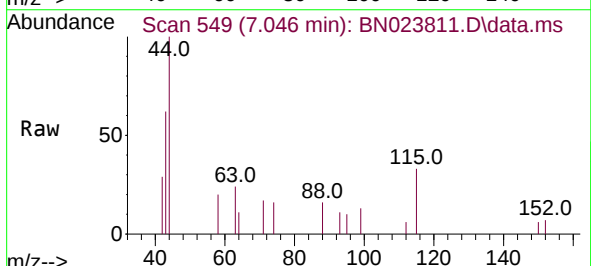
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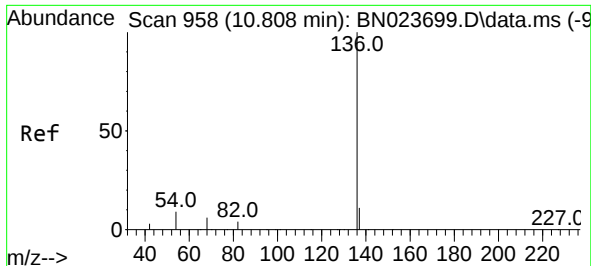
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#5
Phenol-d6
Concen: 0.007 ng
RT: 7.046 min Scan# 549
Delta R.T. -0.007 min
Lab File: BN023811.D
Acq: 26 Jan 2023 01:29

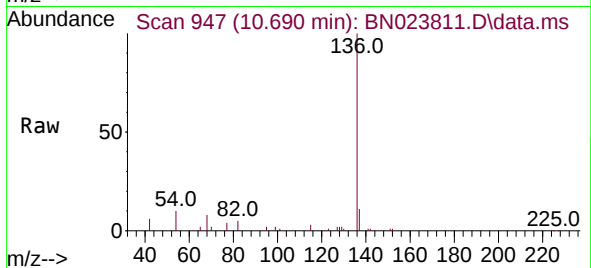
Tgt Ion: 99 Resp: 112
Ion Ratio Lower Upper
99 100
42 0.0 19.4 29.0#
71 92.9 28.7 43.1#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN023811.D
Acq: 26 Jan 2023 01:29

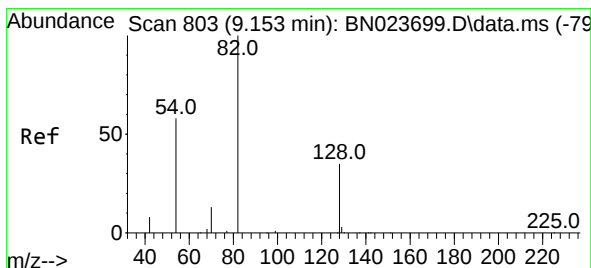
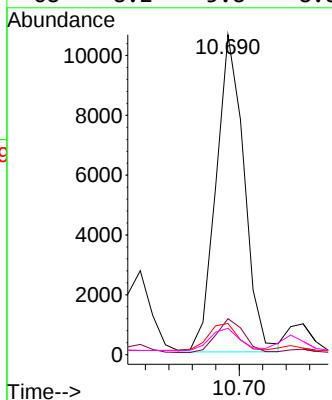
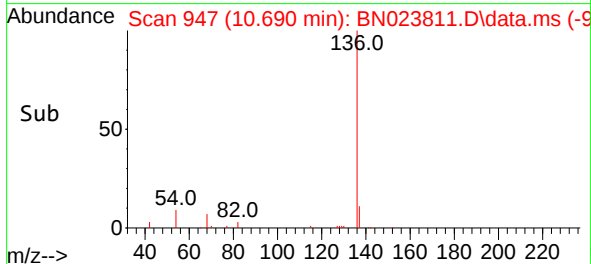
Instrument :
BNA_N
ClientSampleId :
MW-10-0118DL



Tgt Ion:136 Resp: 17649
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 9.7 7.5 11.3
68 8.2 5.8 8.8

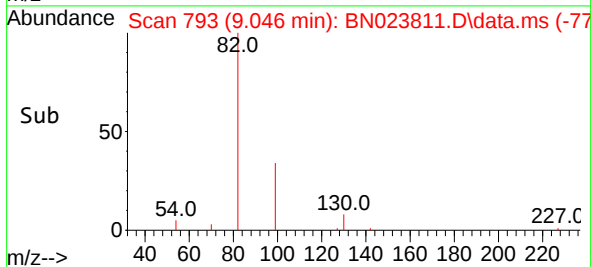
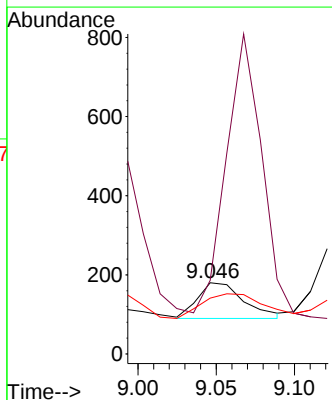
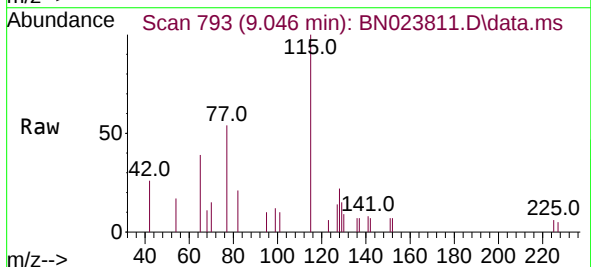
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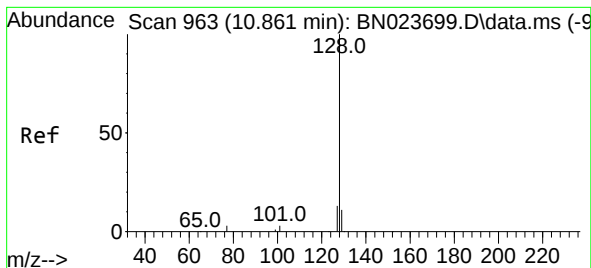
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#8
Nitrobenzene-d5
Concen: 0.013 ng m
RT: 9.046 min Scan# 793
Delta R.T. -0.000 min
Lab File: BN023811.D
Acq: 26 Jan 2023 01:29

Tgt Ion: 82 Resp: 186
Ion Ratio Lower Upper
82 100
128 103.3 30.2 45.2#
54 78.3 47.3 70.9#





#9

Naphthalene

Concen: 3.871 ng

RT: 10.744 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN023811.D

Acq: 26 Jan 2023 01:29

Instrument :

BNA_N

ClientSampleId :

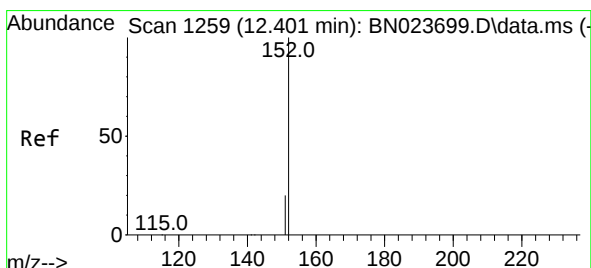
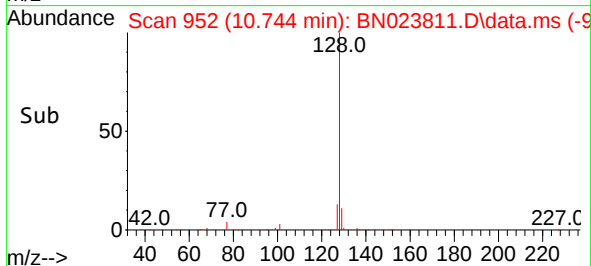
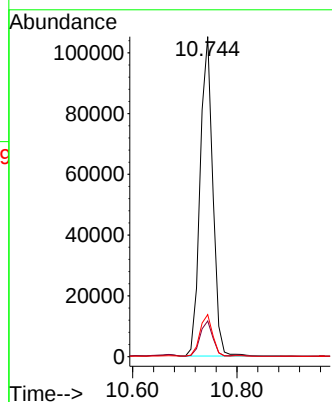
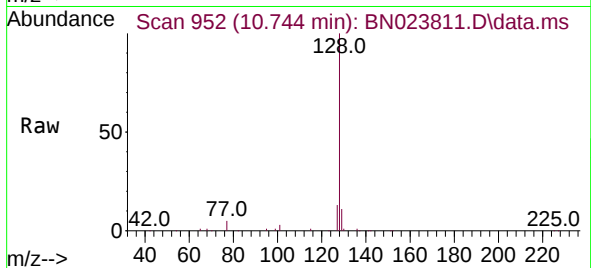
MW-10-0118DL

Tgt Ion:128 Resp: 176795
 Ion Ratio Lower Upper
 128 100
 129 11.1 9.2 13.8
 127 13.1 10.9 16.3

Manual Integrations

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Reviewed By :Christian Giraldo 01/26/2023
 Supervised By :Jagrut Upadhyay 01/26/2023



#11

2-Methylnaphthalene-d10

Concen: 0.011 ng

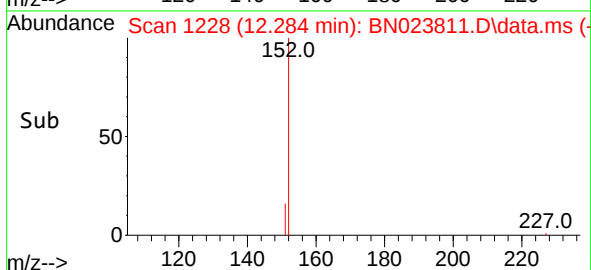
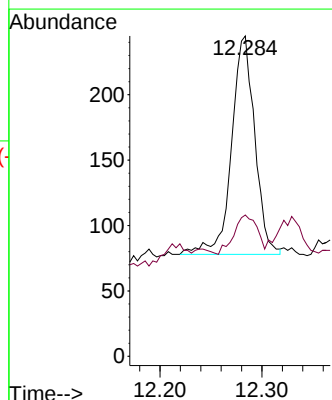
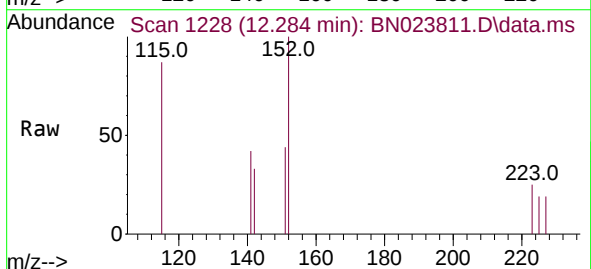
RT: 12.284 min Scan# 1228

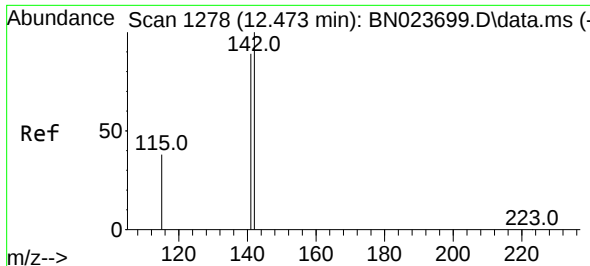
Delta R.T. -0.000 min

Lab File: BN023811.D

Acq: 26 Jan 2023 01:29

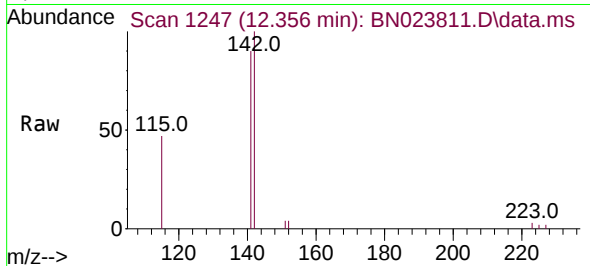
Tgt Ion:152 Resp: 265
 Ion Ratio Lower Upper
 152 100
 151 17.7 17.1 25.7





#12
2-Methylnaphthalene
Concen: 0.098 ng
RT: 12.356 min Scan# 1278
Delta R.T. -0.004 min
Lab File: BN023811.D
Acq: 26 Jan 2023 01:29

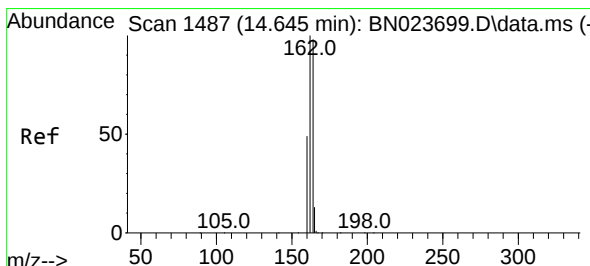
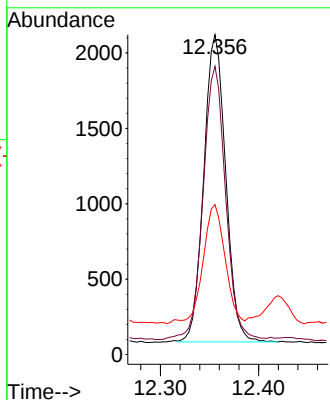
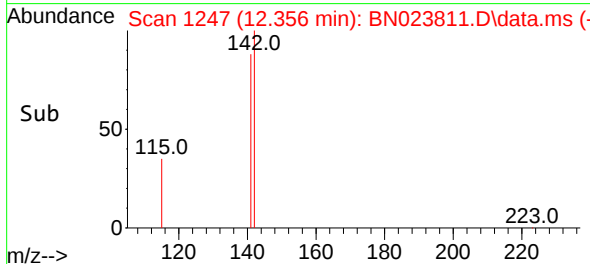
Instrument :
BNA_N
ClientSampleId :
MW-10-0118DL



Tgt Ion:142 Resp: 3159
Ion Ratio Lower Upper
142 100
141 90.1 71.4 107.0
115 46.9 31.2 46.8

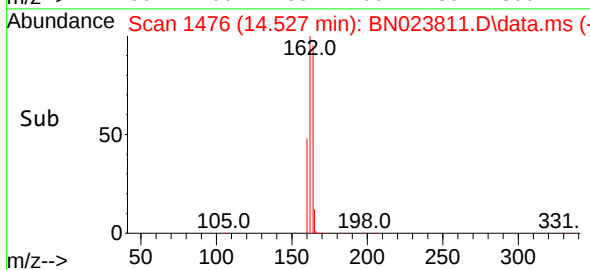
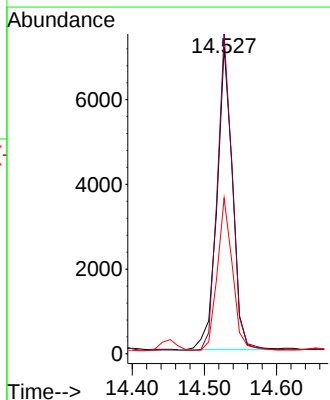
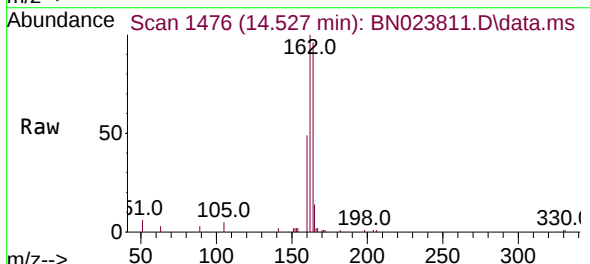
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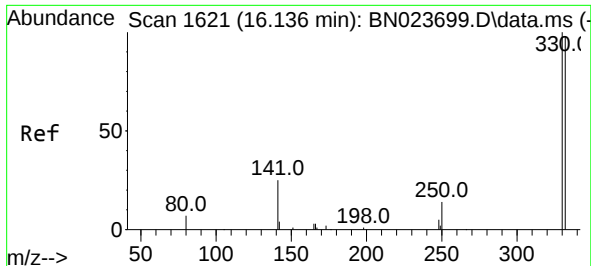
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.527 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BN023811.D
Acq: 26 Jan 2023 01:29

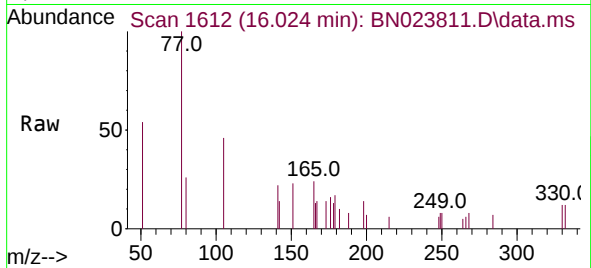
Tgt Ion:164 Resp: 10776
Ion Ratio Lower Upper
164 100
162 104.3 81.8 122.6
160 50.8 40.3 60.5





#14
2,4,6-Tribromophenol
Concen: 0.021 ng
RT: 16.024 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BN023811.D
Acq: 26 Jan 2023 01:29

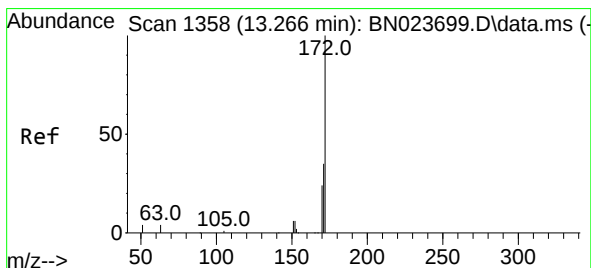
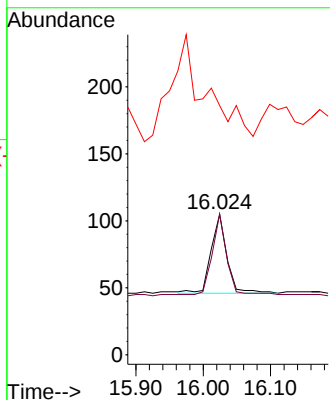
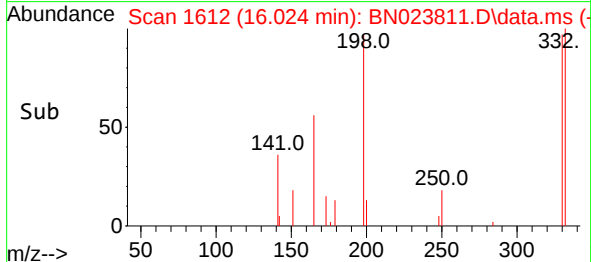
Instrument :
BNA_N
ClientSampleId :
MW-10-0118DL



Tgt Ion: 330 Resp: 96
Ion Ratio Lower Upper
330 100
332 91.7 77.6 116.4
141 0.0 35.0 52.4

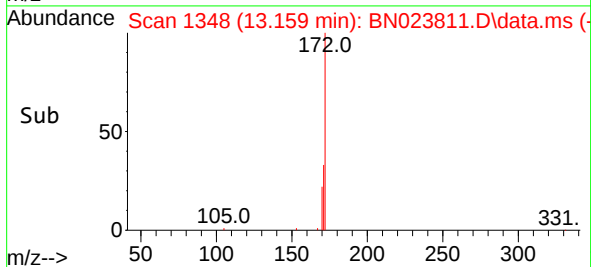
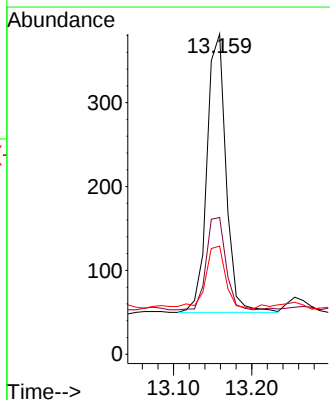
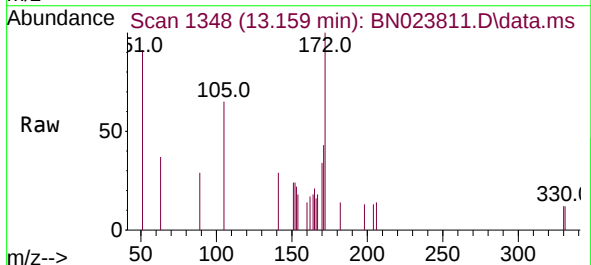
Manual Integrations
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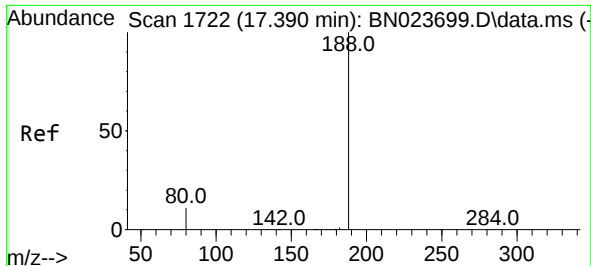
Reviewed By : Christian Giraldo 01/26/2023
Supervised By : Jagrut Upadhyay 01/26/2023



#15
2-Fluorobiphenyl
Concen: 0.012 ng
RT: 13.159 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BN023811.D
Acq: 26 Jan 2023 01:29

Tgt Ion: 172 Resp: 562
Ion Ratio Lower Upper
172 100
171 42.7 28.6 42.8
170 33.8 20.0 30.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.278 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN023811.D

Acq: 26 Jan 2023 01:29

Instrument :

BNA_N

ClientSampleId :

MW-10-0118DL

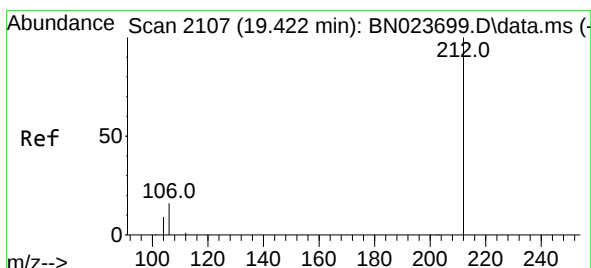
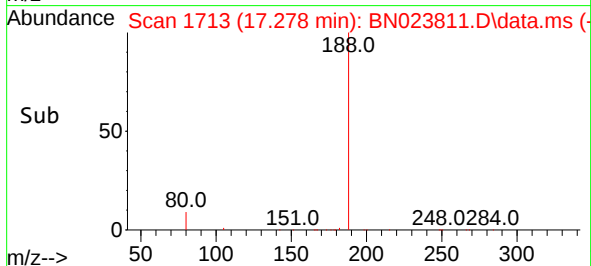
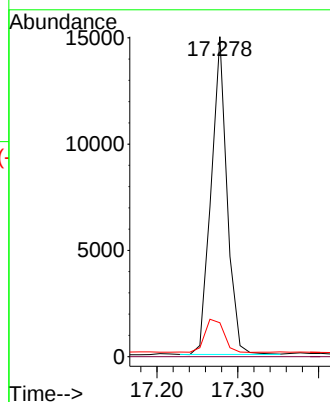
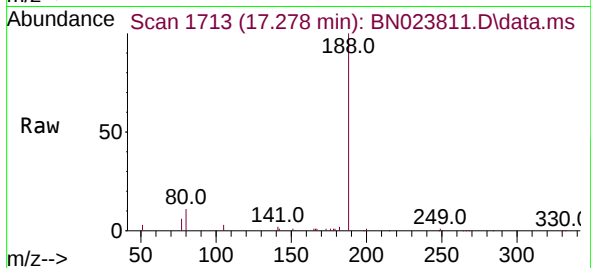
Tgt Ion:188 Resp: 20530
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 10.6 9.5 14.3

Manual Integrations

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Reviewed By :Christian Giraldo 01/26/2023

Supervised By :Jagrut Upadhyay 01/26/2023



#27

Fluoranthene-d10

Concen: 0.014 ng

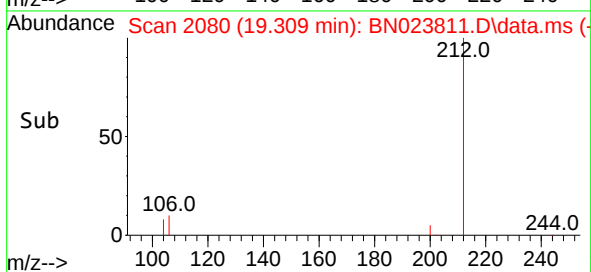
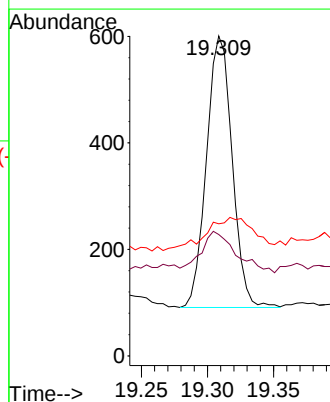
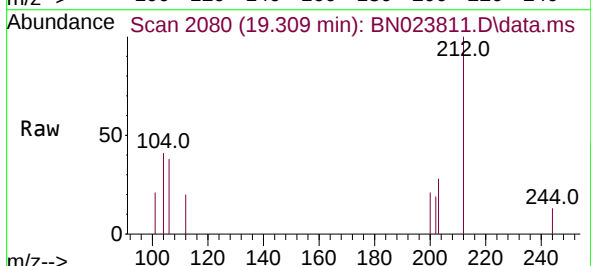
RT: 19.309 min Scan# 2080

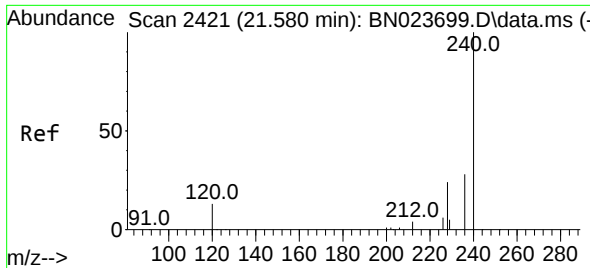
Delta R.T. -0.000 min

Lab File: BN023811.D

Acq: 26 Jan 2023 01:29

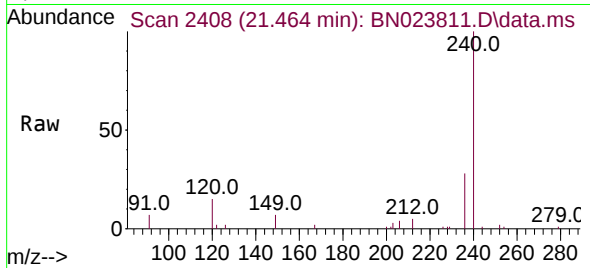
Tgt Ion:212 Resp: 689
 Ion Ratio Lower Upper
 212 100
 106 20.9 12.4 18.6#
 104 22.8 7.1 10.7#





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.464 min Scan# 2421
Delta R.T. -0.009 min
Lab File: BN023811.D
Acq: 26 Jan 2023 01:29

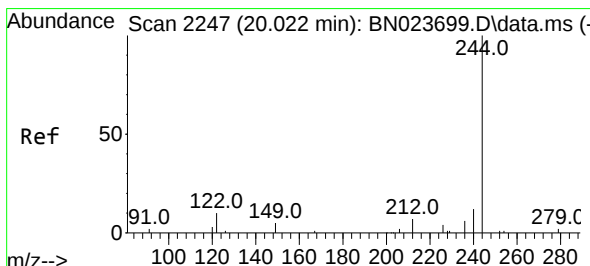
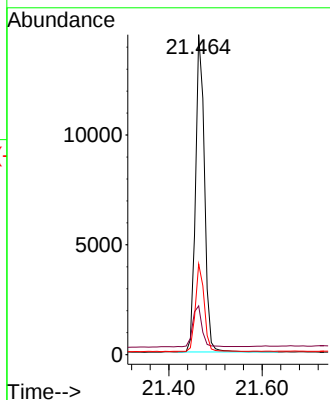
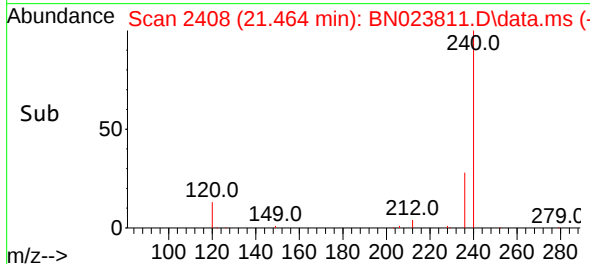
Instrument :
BNA_N
ClientSampleId :
MW-10-0118DL



Tgt Ion:240 Resp: 19221
Ion Ratio Lower Upper
240 100
120 15.2 12.0 18.0
236 28.3 22.8 34.2

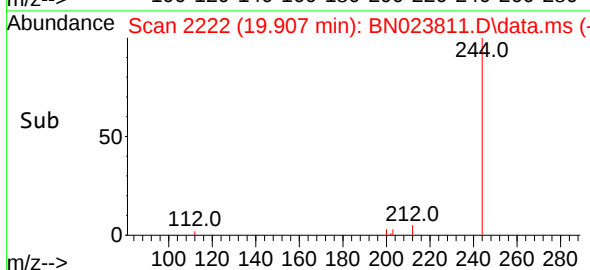
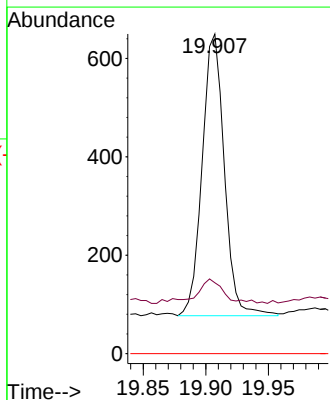
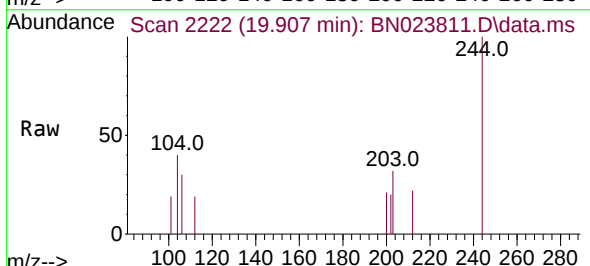
Manual Integrations
APPROVED

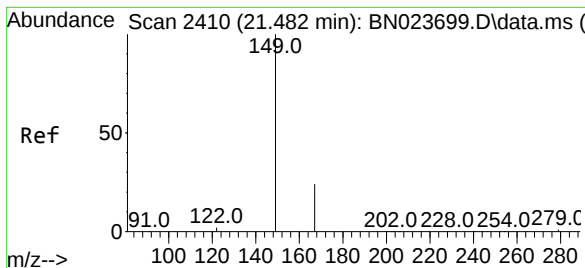
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#31
Terphenyl-d14
Concen: 0.023 ng
RT: 19.907 min Scan# 2222
Delta R.T. -0.000 min
Lab File: BN023811.D
Acq: 26 Jan 2023 01:29

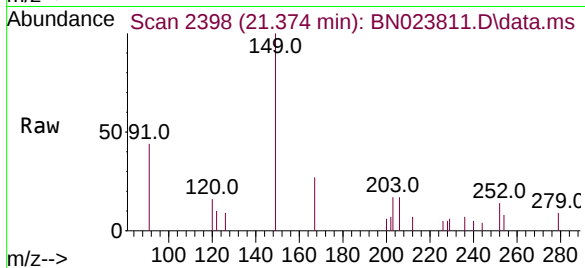
Tgt Ion:244 Resp: 707
Ion Ratio Lower Upper
244 100
212 22.2 6.5 9.7#
122 0.0 7.6 11.4#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.070 ng
RT: 21.374 min Scan# 2398
Delta R.T. -0.009 min
Lab File: BN023811.D
Acq: 26 Jan 2023 01:29

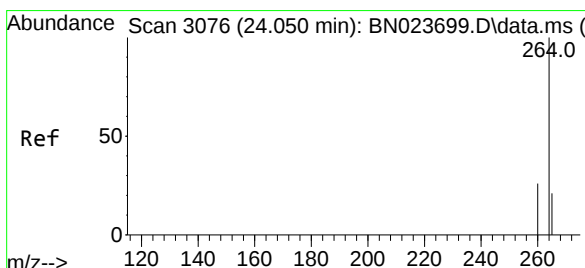
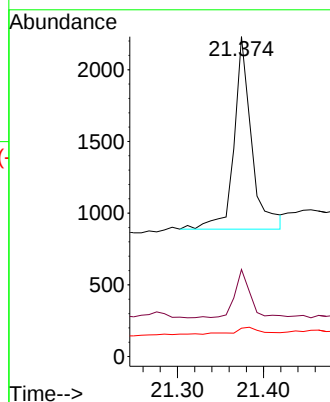
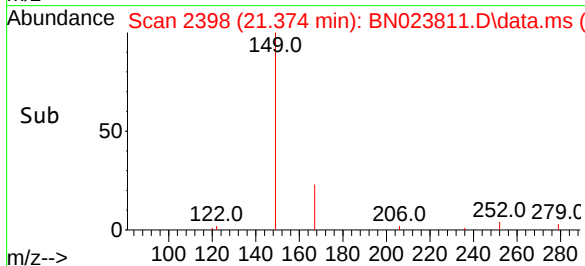
Instrument :
BNA_N
ClientSampleId :
MW-10-0118DL



Tgt Ion:149 Resp: 1899
Ion Ratio Lower Upper
149 100
167 22.2 19.8 29.8
279 6.6 2.5 3.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.878 min Scan# 3017
Delta R.T. -0.018 min
Lab File: BN023811.D
Acq: 26 Jan 2023 01:29

Tgt Ion:264 Resp: 16700
Ion Ratio Lower Upper
264 100
260 26.6 21.0 31.6
265 54.1 49.9 74.9

