

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017866.D
 Acq On : 10 Dec 2021 11:55
 Operator : CG/JU
 Sample : M4923-14
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D-20211201

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2021
 Supervised By :Yogesh Patel 12/15/2021

Quant Time: Dec 11 00:35:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	20789	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	83964	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	57425	0.400	ng	-0.01
19) Phenanthrene-d10	17.092	188	122428	0.400	ng	0.00
29) Chrysene-d12	21.282	240	100537	0.400	ng	0.00
35) Perylene-d12	23.585	264	70880	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	6418	0.128	ng	0.00
5) Phenol-d6	6.903	99	3865	0.081	ng	0.00
8) Nitrobenzene-d5	8.859	82	16300	0.292	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	40328	0.241	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	6134	0.204	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	64101	0.305	ng	0.00
27) Fluoranthene-d10	19.124	212	133724	0.327	ng	0.00
31) Terphenyl-d14	19.730	244	108965	0.505	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	42262m	5.523	ng	Qvalue
6) bis(2-Chloroethyl)ether	7.143	93	3116	0.058	ng	99
25) Phenanthrene	17.129	178	7898m	0.025	ng	
28) Fluoranthene	19.154	202	7836	0.020	ng	99
34) Bis(2-ethylhexyl)phtha...	21.208	149	48685	0.347	ng	100

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

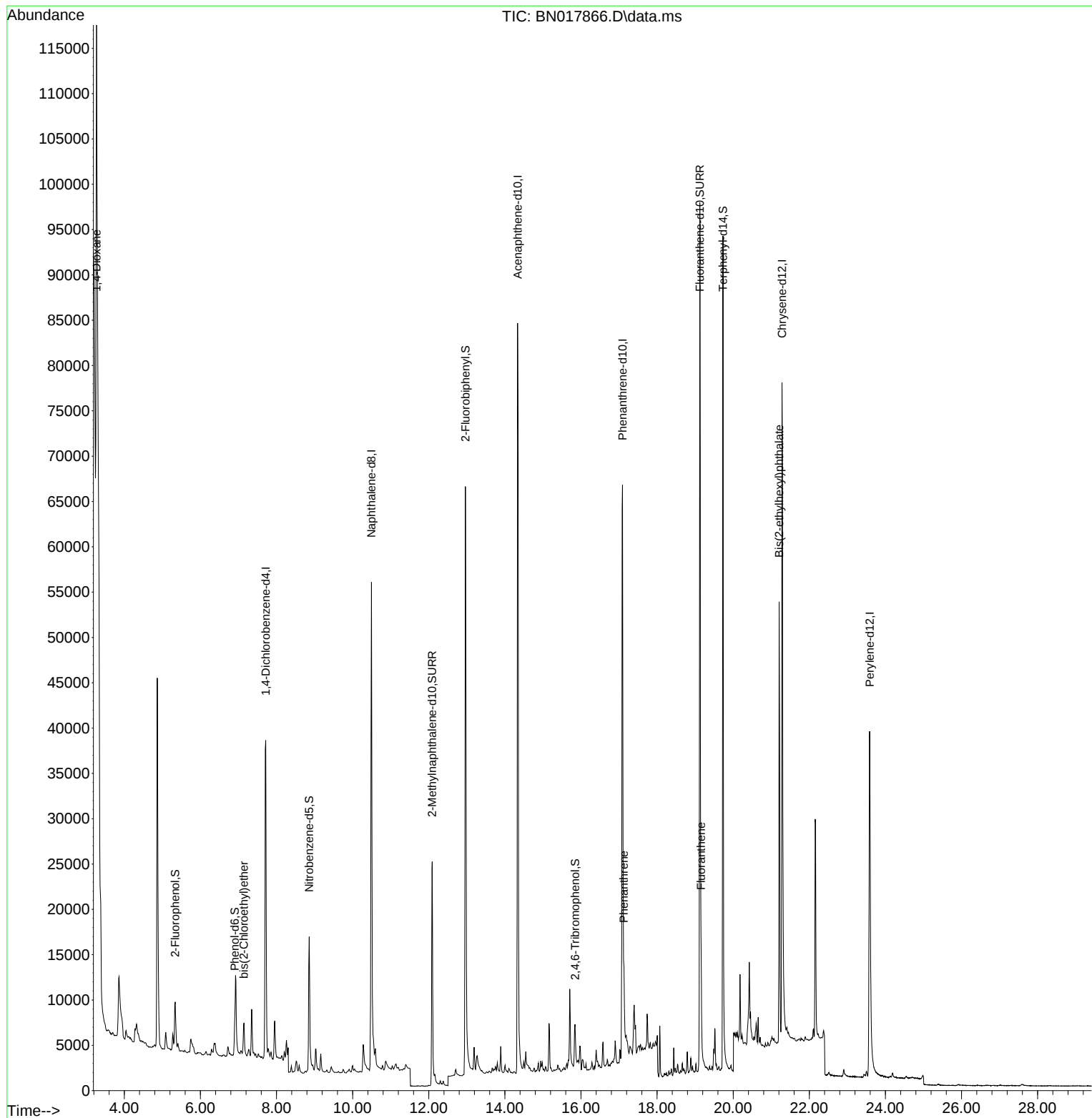
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
Data File : BN017866.D
Acq On : 10 Dec 2021 11:55
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ALS Vial : 32 Sample Multiplier: 1

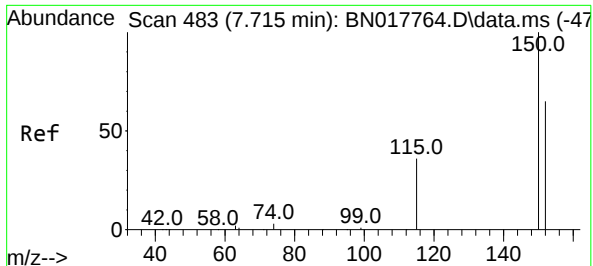
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
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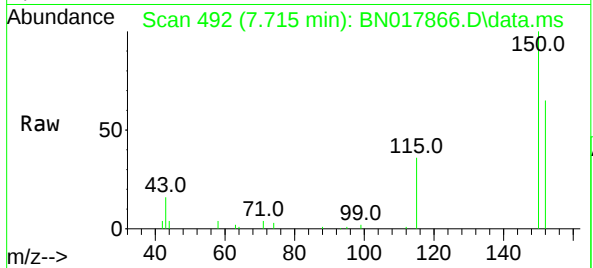
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 483
Delta R.T. -0.000 min
Lab File: BN017866.D
Acq: 10 Dec 2021 11:55

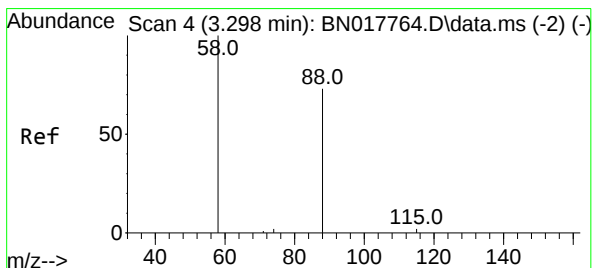
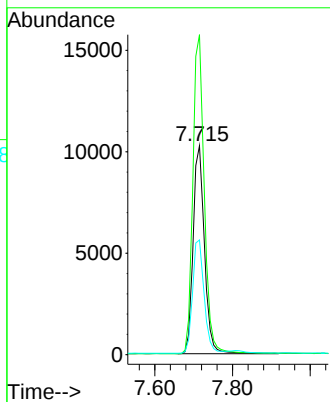
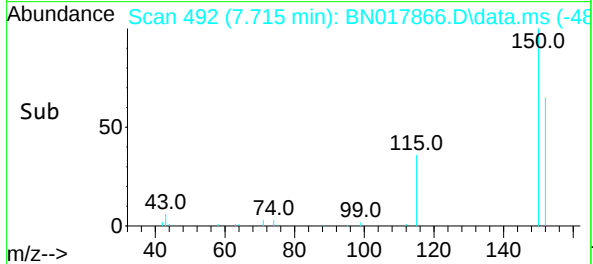
Instrument :
BNA_N
ClientSampleId :
TT101D-20211201



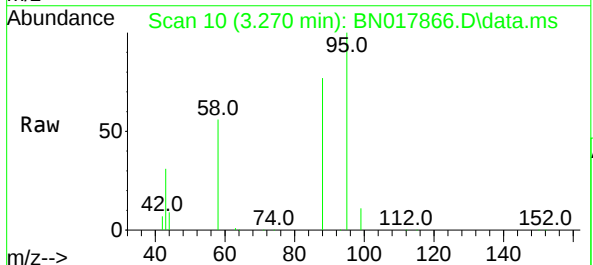
Tgt Ion:152 Resp: 20789
Ion Ratio Lower Upper
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150 153.1 123.0 184.4
115 54.9 45.3 67.9

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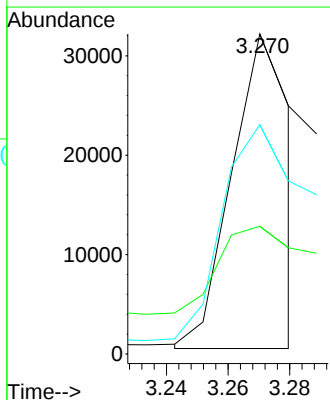
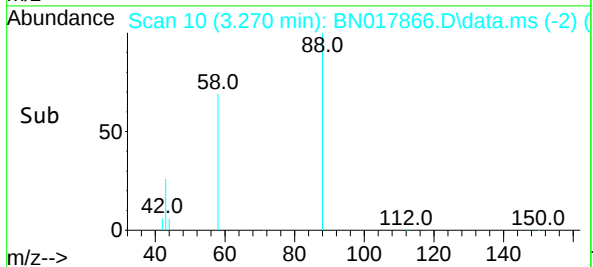
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021

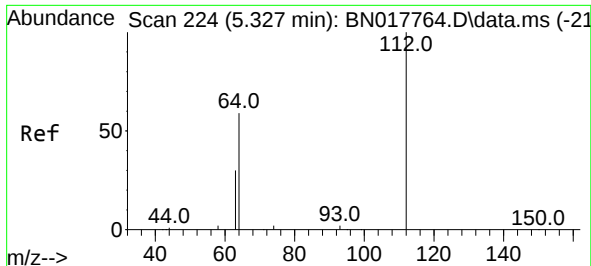


#2
1,4-Dioxane
Concen: 5.523 ng m
RT: 3.270 min Scan# 10
Delta R.T. -0.028 min
Lab File: BN017866.D
Acq: 10 Dec 2021 11:55



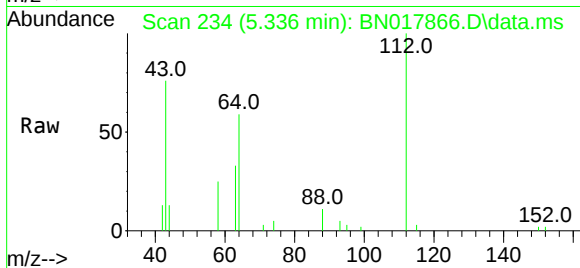
Tgt Ion: 88 Resp: 42262
Ion Ratio Lower Upper
88 100
43 61.0 0.0 0.0#
58 146.1 0.0 0.0#





#4
2-Fluorophenol
Concen: 0.128 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017866.D
Acq: 10 Dec 2021 11:55

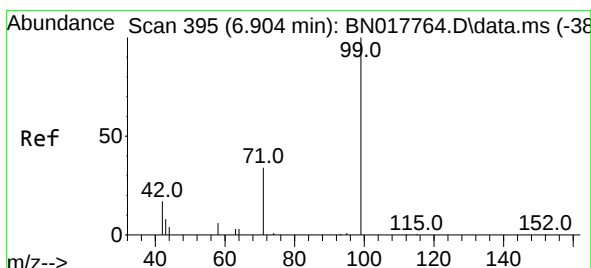
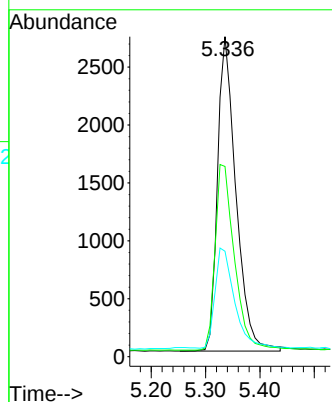
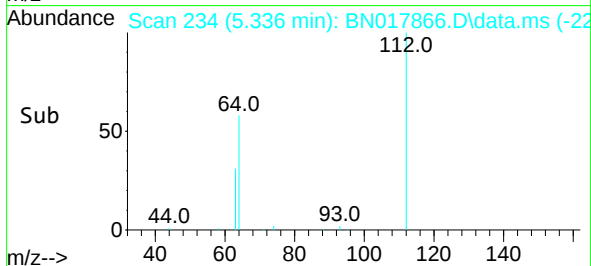
Instrument :
BNA_N
ClientSampleId :
TT101D-20211201



Tgt Ion: 112 Resp: 6418
Ion Ratio Lower Upper
112 100
64 61.7 49.3 73.9
63 33.7 25.8 38.8

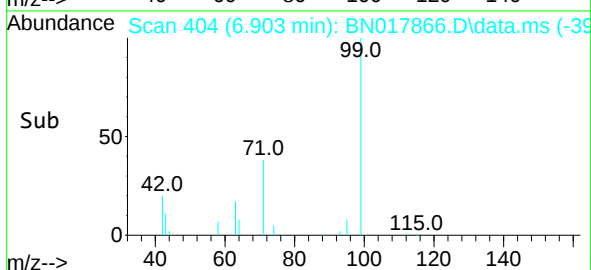
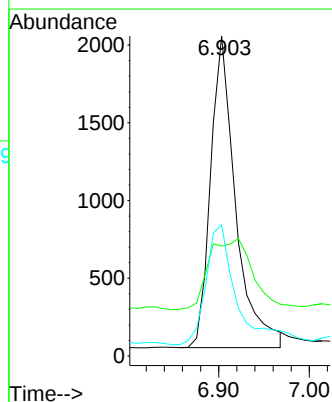
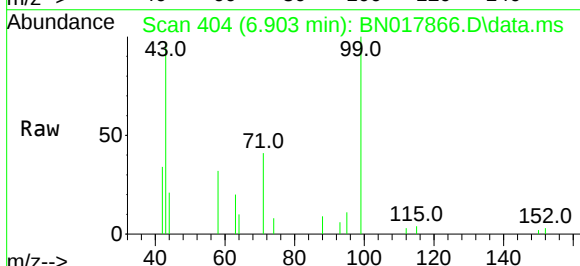
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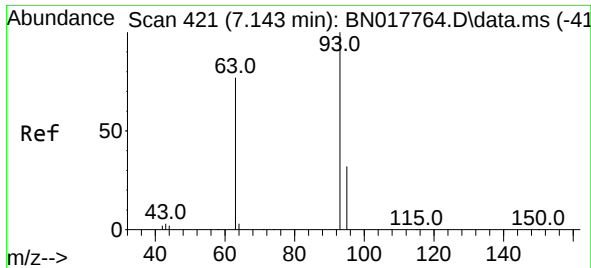
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Supervised By :Yogesh Patel 12/15/2021



#5
Phenol-d6
Concen: 0.081 ng
RT: 6.903 min Scan# 404
Delta R.T. -0.000 min
Lab File: BN017866.D
Acq: 10 Dec 2021 11:55

Tgt Ion: 99 Resp: 3865
Ion Ratio Lower Upper
99 100
42 39.4 16.6 25.0#
71 45.7 29.0 43.4#





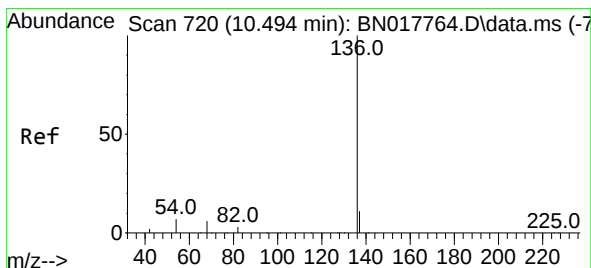
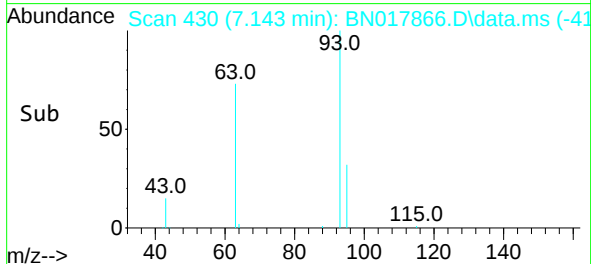
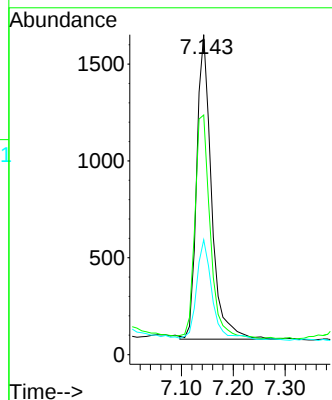
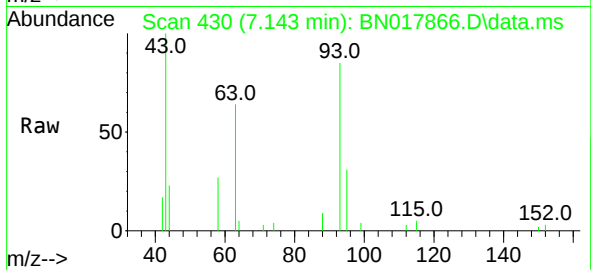
#6
bis(2-Chloroethyl)ether
Concen: 0.058 ng
RT: 7.143 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN017866.D
Acq: 10 Dec 2021 11:55

Instrument :
BNA_N
ClientSampleId :
TT101D-20211201

Tgt Ion: 93 Resp: 3110
Ion Ratio Lower Upper
93 100
63 76.6 62.0 93.0
95 34.2 26.4 39.6

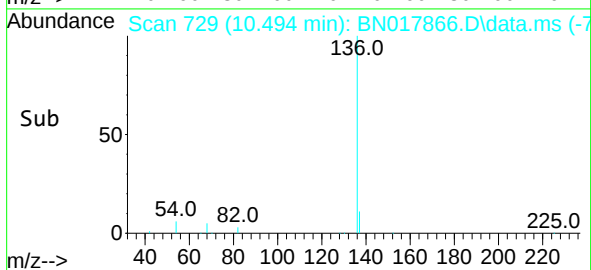
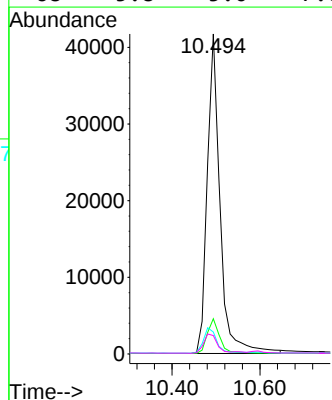
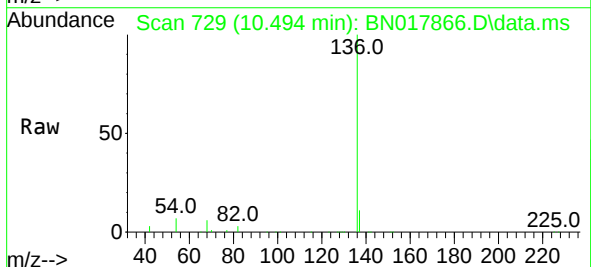
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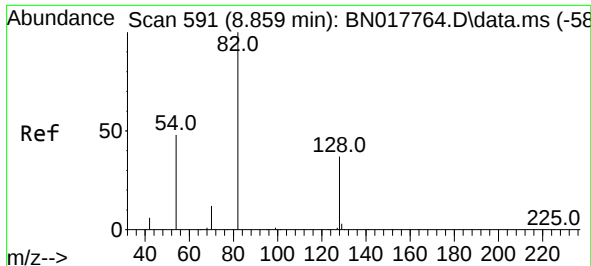
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Supervised By :Yogesh Patel 12/15/2021



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017866.D
Acq: 10 Dec 2021 11:55

Tgt Ion:136 Resp: 83964
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.8 5.9 8.9
68 5.8 5.0 7.6





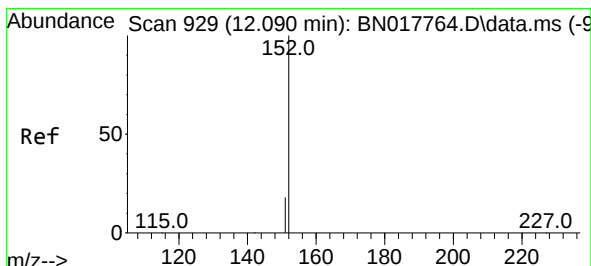
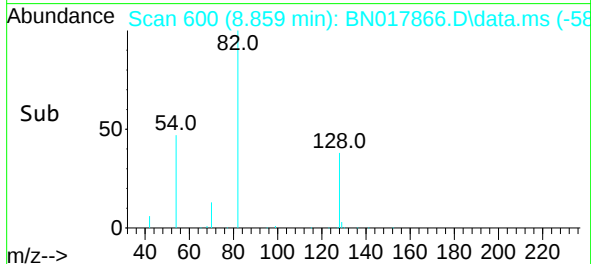
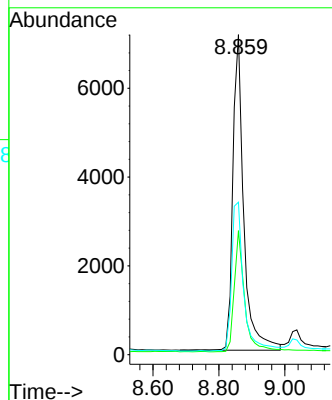
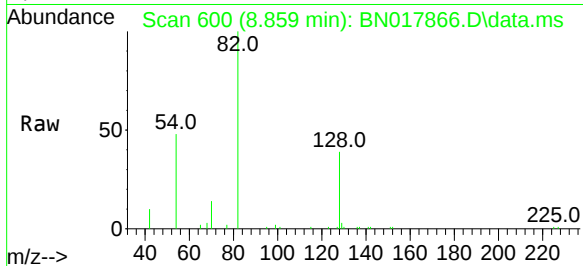
#8
Nitrobenzene-d5
Concen: 0.292 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017866.D
Acq: 10 Dec 2021 11:55

Instrument :
BNA_N
ClientSampleId :
TT101D-20211201

Tgt Ion: 82 Resp: 16300
Ion Ratio Lower Upper
82 100
128 38.8 30.2 45.2
54 47.7 39.0 58.6

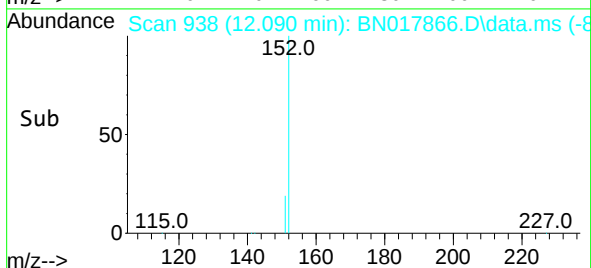
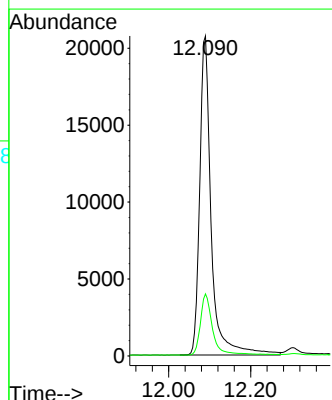
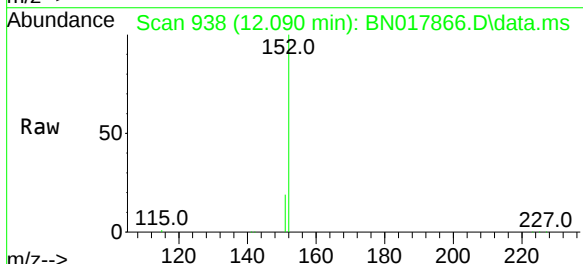
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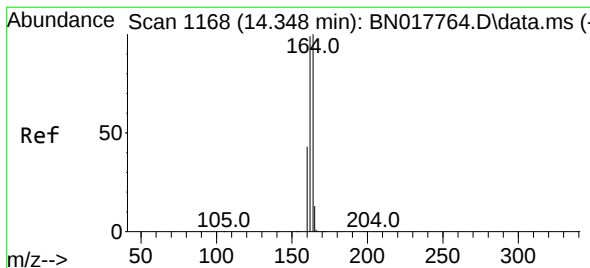
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#11
2-Methylnaphthalene-d10
Concen: 0.241 ng
RT: 12.090 min Scan# 938
Delta R.T. -0.000 min
Lab File: BN017866.D
Acq: 10 Dec 2021 11:55

Tgt Ion:152 Resp: 40328
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.334 min Scan# 1176

Delta R.T. -0.013 min

Lab File: BN017866.D

Acq: 10 Dec 2021 11:55

Instrument :

BNA_N

ClientSampleId :

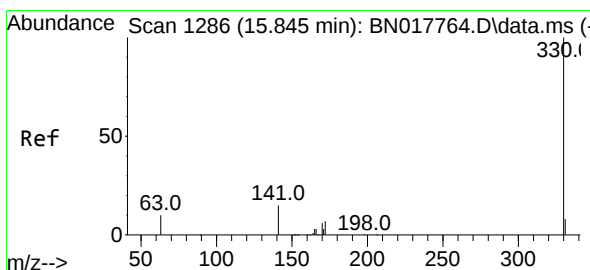
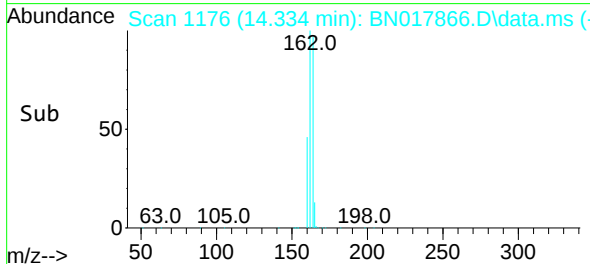
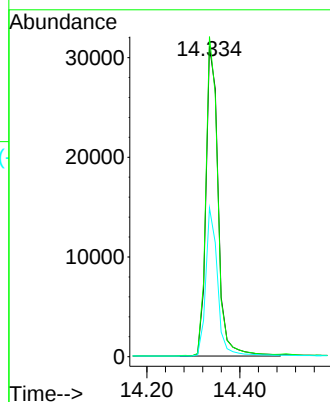
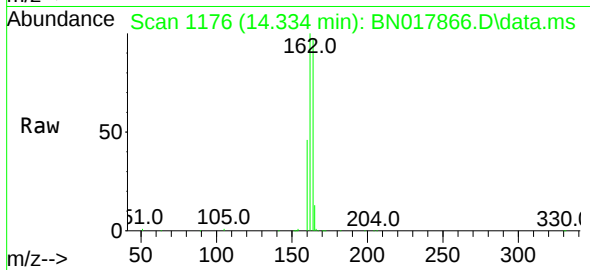
TT101D-20211201

Tgt Ion:164 Resp: 57425
 Ion Ratio Lower Upper
 164 100
 162 103.1 79.0 118.6
 160 47.9 34.6 52.0

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#14

2,4,6-Tribromophenol

Concen: 0.204 ng

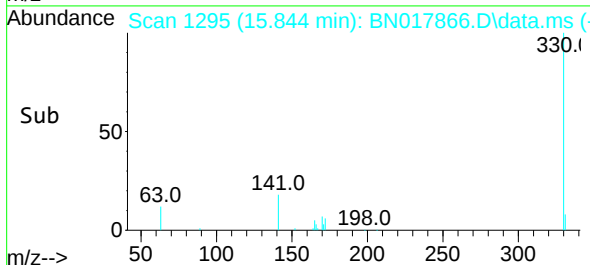
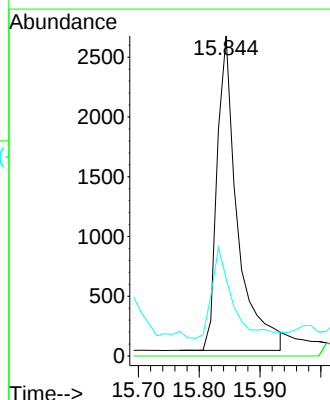
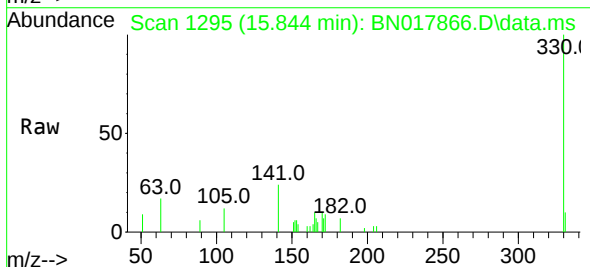
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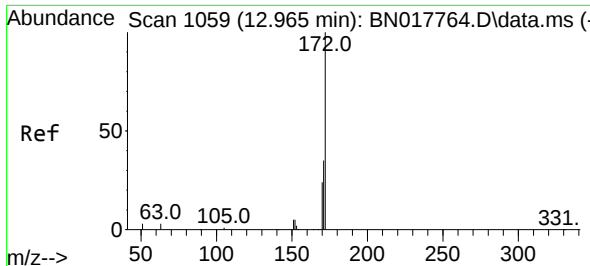
Delta R.T. -0.000 min

Lab File: BN017866.D

Acq: 10 Dec 2021 11:55

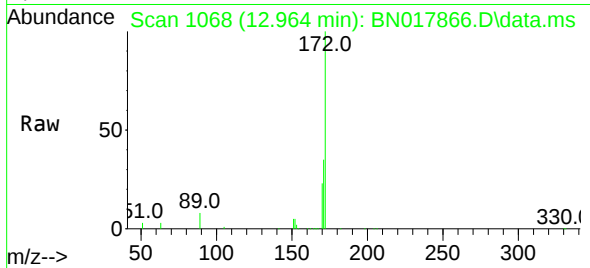
Tgt Ion:330 Resp: 6134
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 28.7 21.5 32.3





#15
2-Fluorobiphenyl
Concen: 0.305 ng
RT: 12.964 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BN017866.D
Acq: 10 Dec 2021 11:55

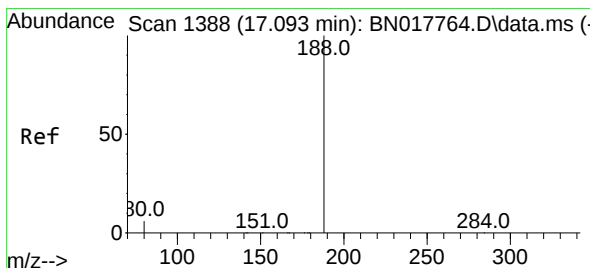
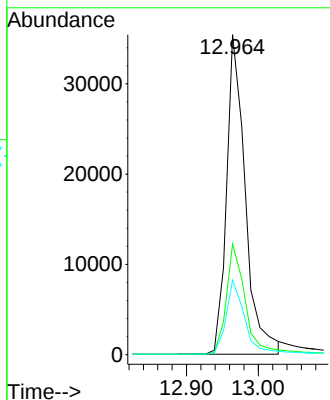
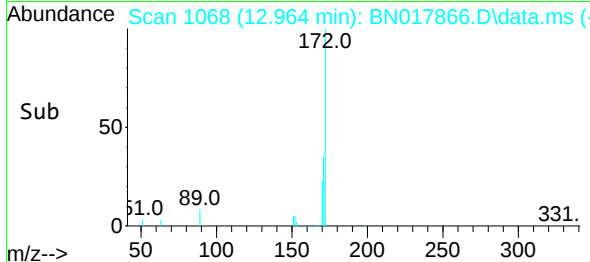
Instrument :
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Tgt Ion:172 Resp: 6410
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.4 18.9 28.3

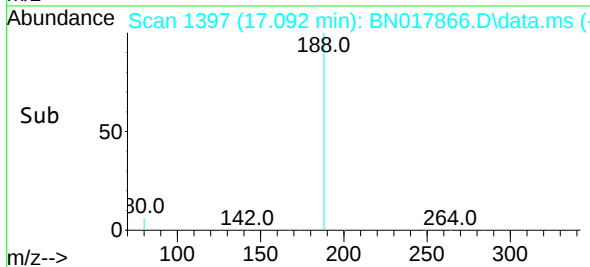
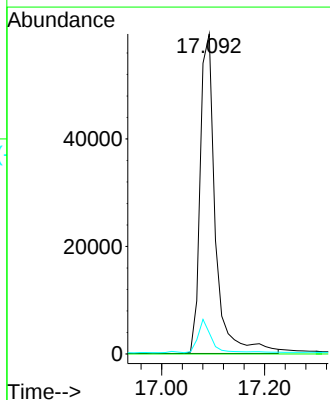
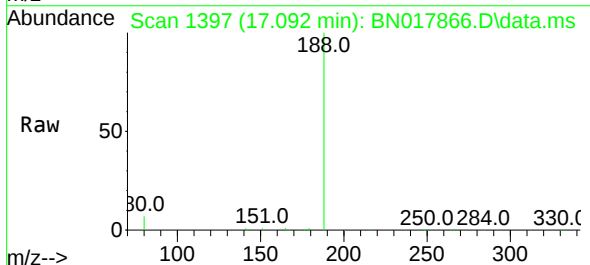
Manual Integrations
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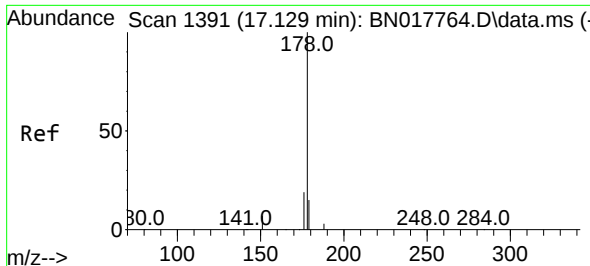
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BN017866.D
Acq: 10 Dec 2021 11:55

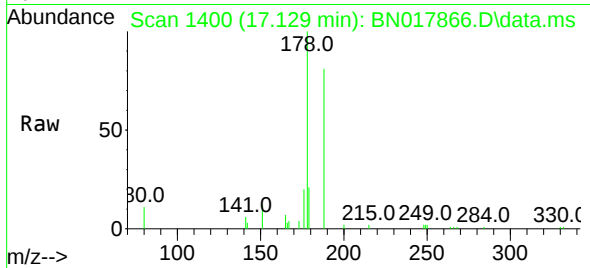
Tgt Ion:188 Resp: 122428
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.6 5.1 7.7





#25
Phenanthrene
Concen: 0.025 ng m
RT: 17.129 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN017866.D
Acq: 10 Dec 2021 11:55

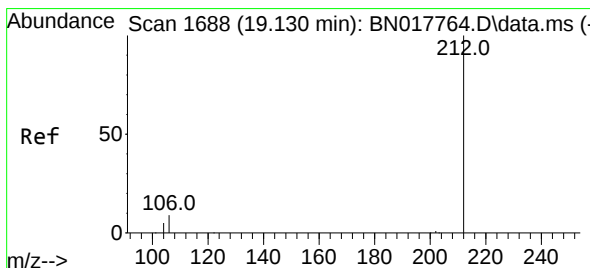
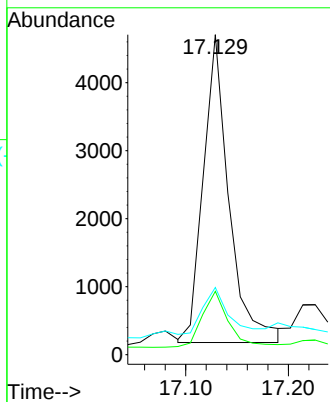
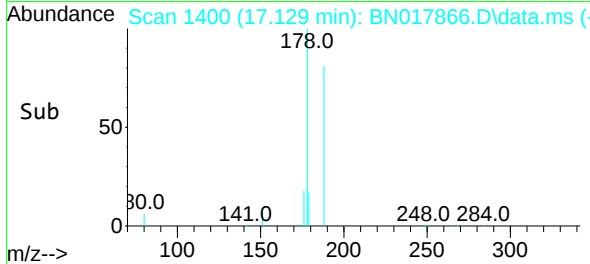
Instrument :
BNA_N
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TT101D-20211201



Tgt Ion:178 Resp: 7898
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 25.0 12.5 18.7

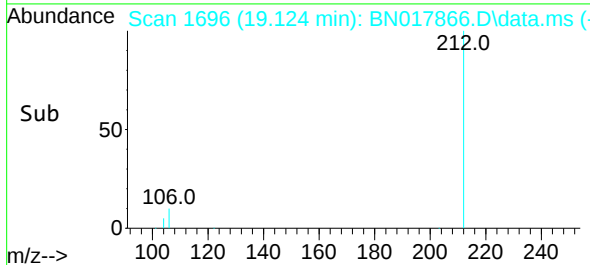
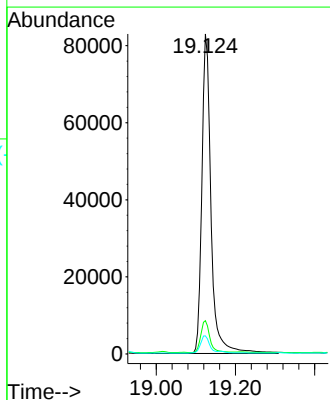
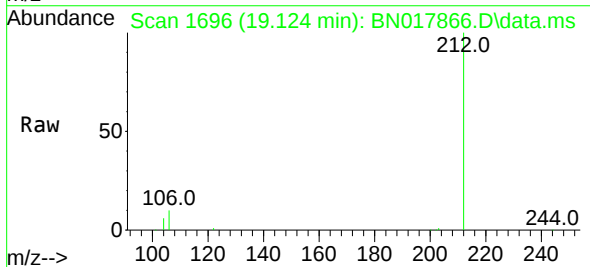
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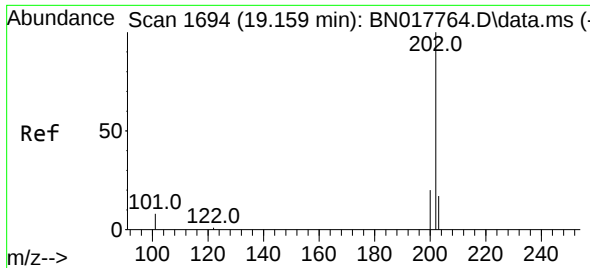
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#27
Fluoranthene-d10
Concen: 0.327 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017866.D
Acq: 10 Dec 2021 11:55

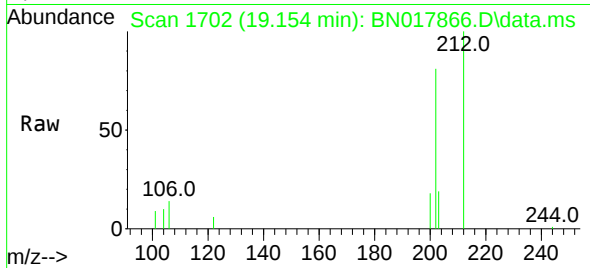
Tgt Ion:212 Resp: 133724
Ion Ratio Lower Upper
212 100
106 9.8 8.2 12.2
104 5.3 4.6 6.8





#28
Fluoranthene
Concen: 0.020 ng
RT: 19.154 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN017866.D
Acq: 10 Dec 2021 11:55

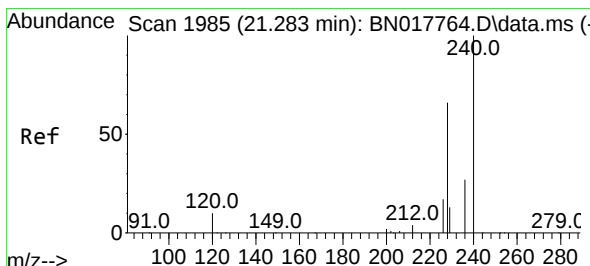
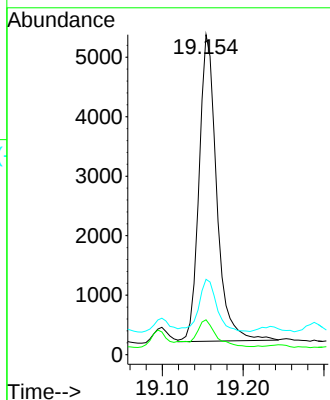
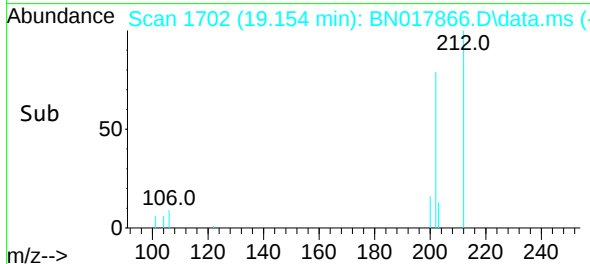
Instrument :
BNA_N
ClientSampleId :
TT101D-20211201



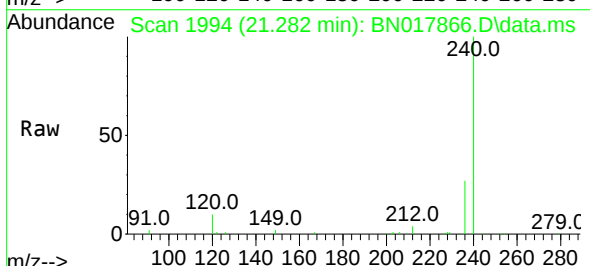
Tgt Ion:202 Resp: 7830
Ion Ratio Lower Upper
202 100
101 9.4 7.2 10.8
203 17.6 13.7 20.5

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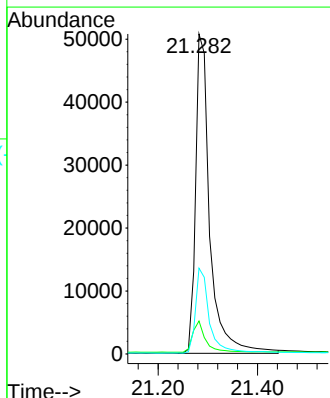
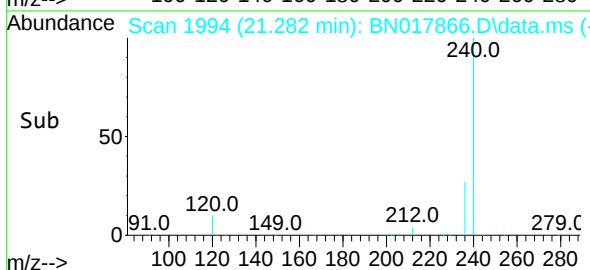
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021

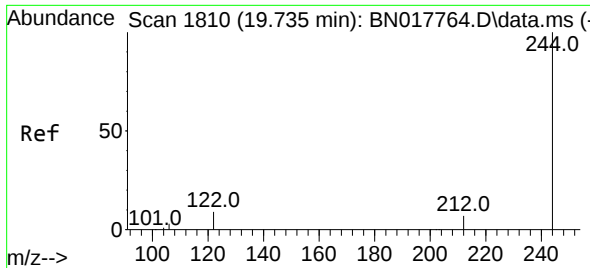


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.282 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BN017866.D
Acq: 10 Dec 2021 11:55



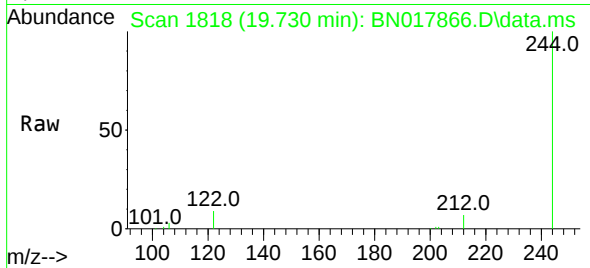
Tgt Ion:240 Resp: 100537
Ion Ratio Lower Upper
240 100
120 10.3 7.9 11.9
236 26.8 21.4 32.2





#31
 Terphenyl-d14
 Concen: 0.505 ng
 RT: 19.730 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: BN017866.D
 Acq: 10 Dec 2021 11:55

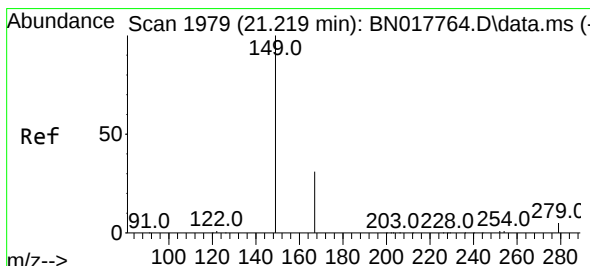
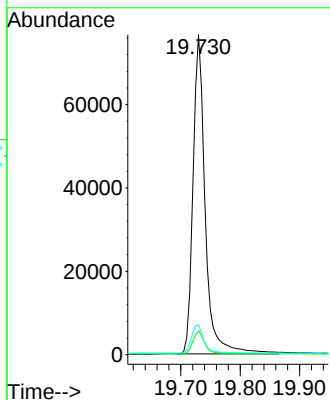
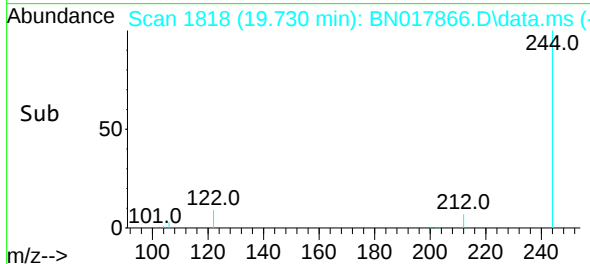
Instrument :
 BNA_N
 ClientSampleId :
 TT101D-20211201



Tgt Ion:244 Resp: 10896
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 9.3 7.1 10.7

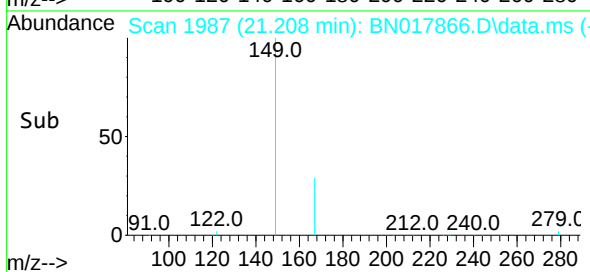
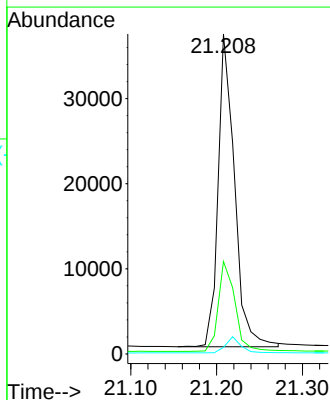
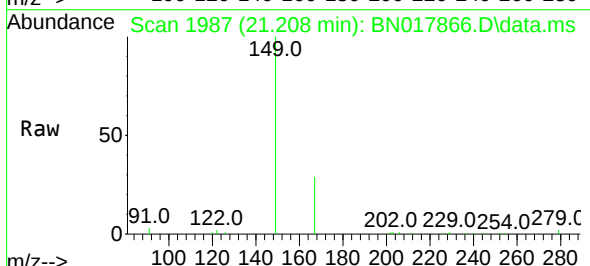
Manual Integrations
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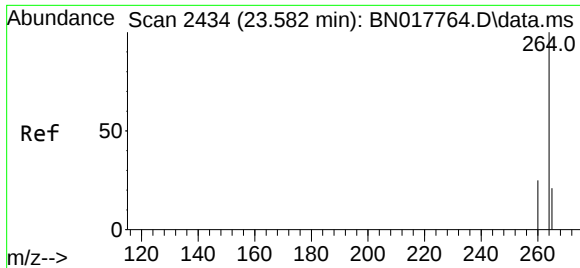
Reviewed By :Jagrut Upadhyay 12/14/2021
 Supervised By :Yogesh Patel 12/15/2021



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.347 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. -0.011 min
 Lab File: BN017866.D
 Acq: 10 Dec 2021 11:55

Tgt Ion:149 Resp: 48685
 Ion Ratio Lower Upper
 149 100
 167 29.3 23.5 35.3
 279 4.7 3.8 5.6





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.585 min Scan# 24

Delta R.T. 0.003 min

Lab File: BN017866.D

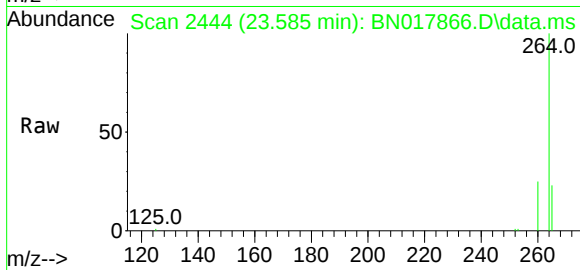
Acq: 10 Dec 2021 11:55

Instrument :

BNA_N

ClientSampleId :

TT101D-20211201



Tgt Ion:264 Resp: 70880

Ion Ratio Lower Upper

264 100

260 24.9 20.0 30.0

265 22.7 20.5 30.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/14/2021

Supervised By :Yogesh Patel 12/15/2021

