

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017854.D
 Acq On : 10 Dec 2021 04:43
 Operator : CG/JU
 Sample : M4923-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT180D2-20211201

Quant Time: Dec 10 06:51:52 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

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :Yogesh Patel 12/15/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	19338	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	75136	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	52680	0.400	ng	-0.01
19) Phenanthrene-d10	17.092	188	104941	0.400	ng	0.00
29) Chrysene-d12	21.293	240	81498	0.400	ng	# 0.01
35) Perylene-d12	23.589	264	52677	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	4634	0.099	ng	0.00
5) Phenol-d6	6.903	99	2407	0.054	ng	0.00
8) Nitrobenzene-d5	8.859	82	12399	0.248	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	34185	0.228	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	2931	0.106	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	52339	0.271	ng	0.00
27) Fluoranthene-d10	19.124	212	129805	0.370	ng	0.00
31) Terphenyl-d14	19.730	244	102433	0.585	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	34579m	4.858	ng	Qvalue
6) bis(2-Chloroethyl)ether	7.143	93	1605	0.032	ng	97
25) Phenanthrene	17.129	178	6349	0.023	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.208	149	10225	0.090	ng	99

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

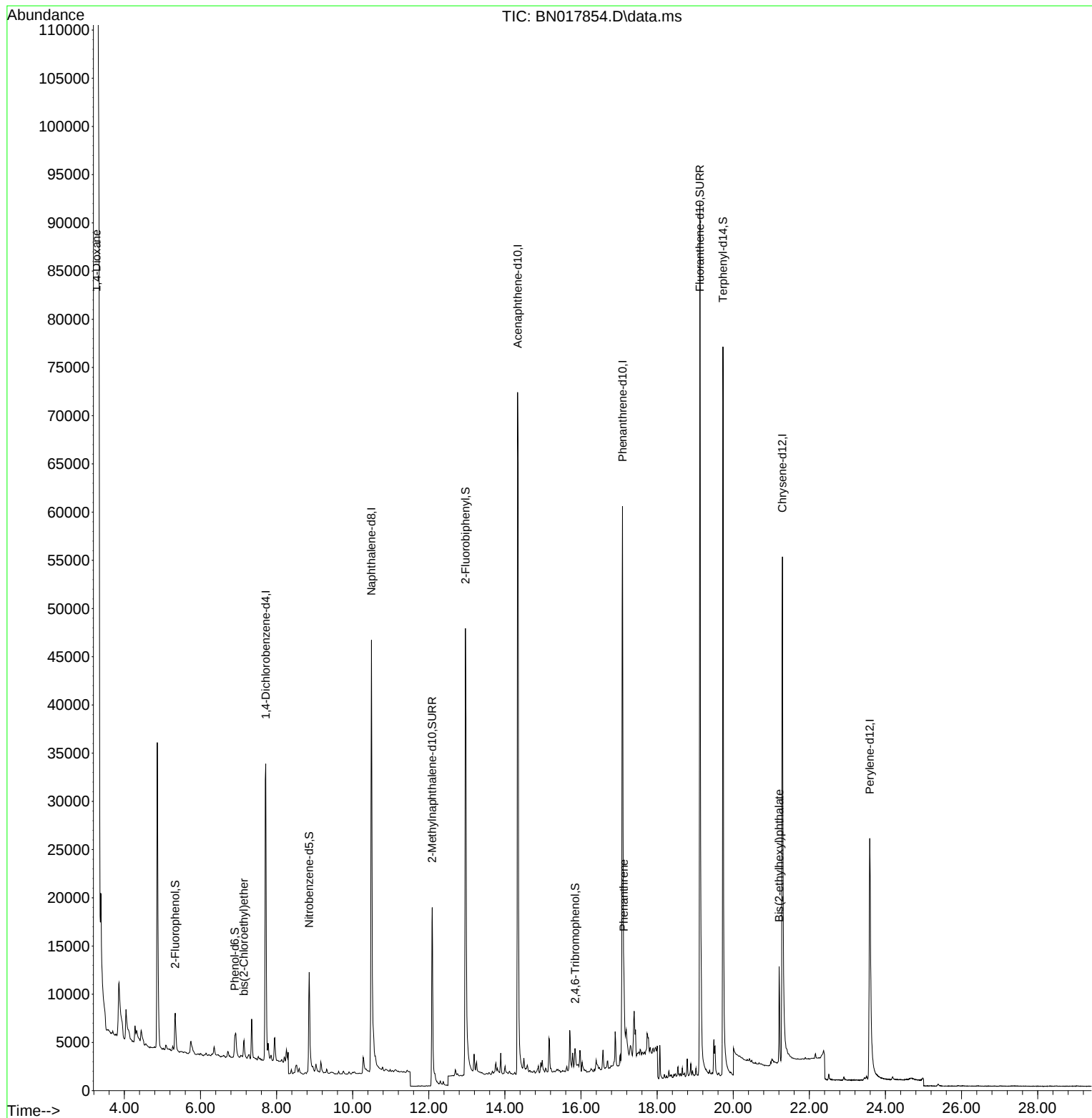
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
Data File : BN017854.D
Acq On : 10 Dec 2021 04:43
Operator : CG/JU
Sample : M4923-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

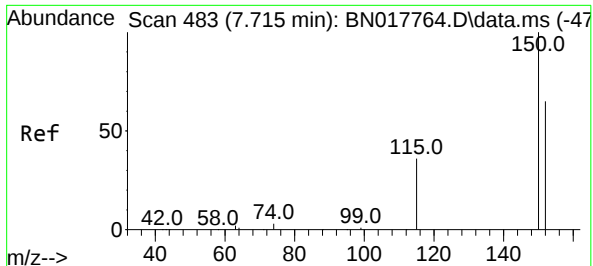
Instrument :
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Quant Time: Dec 10 06:51:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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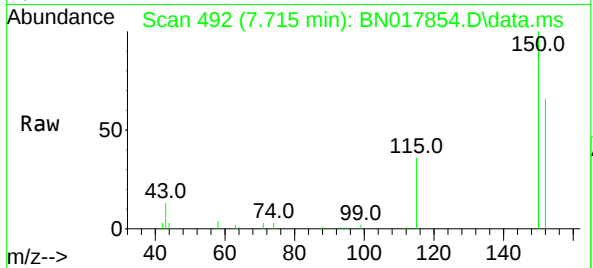
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 492
Delta R.T. -0.000 min
Lab File: BN017854.D
Acq: 10 Dec 2021 04:43

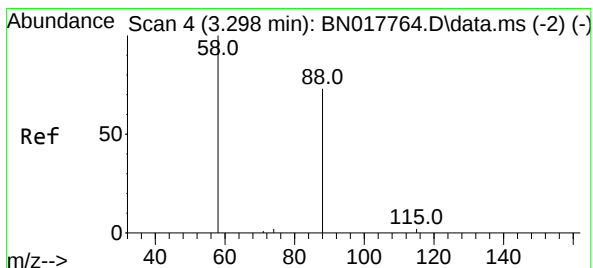
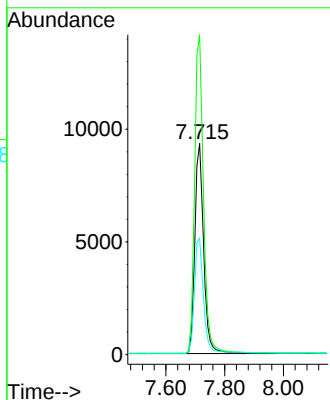
Instrument :
BNA_N
ClientSampleId :
TT180D2-20211201



Tgt Ion:152 Resp: 19338
Ion Ratio Lower Upper
152 100
150 151.5 123.0 184.4
115 55.3 45.3 67.9

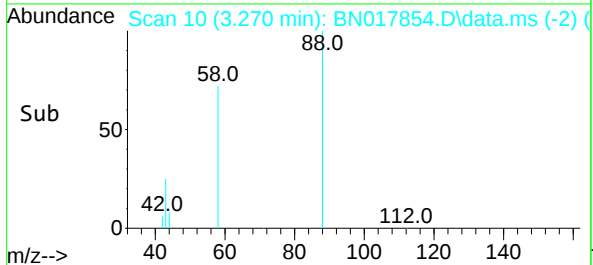
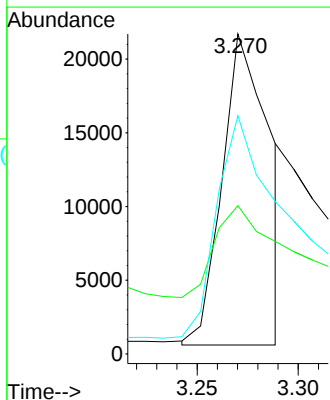
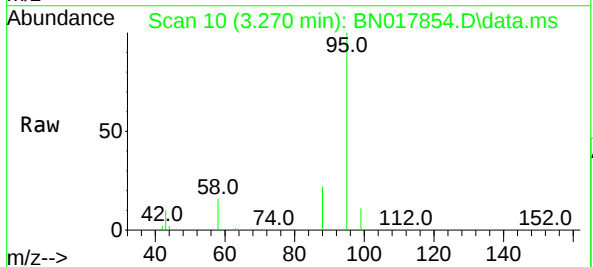
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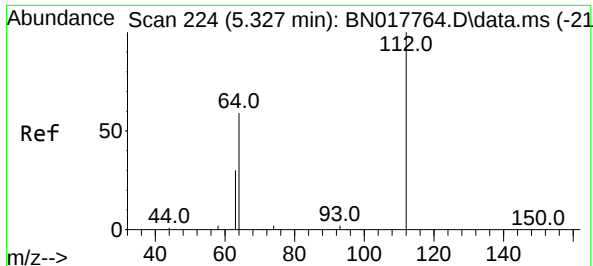
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#2
1,4-Dioxane
Concen: 4.858 ng m
RT: 3.270 min Scan# 10
Delta R.T. -0.028 min
Lab File: BN017854.D
Acq: 10 Dec 2021 04:43

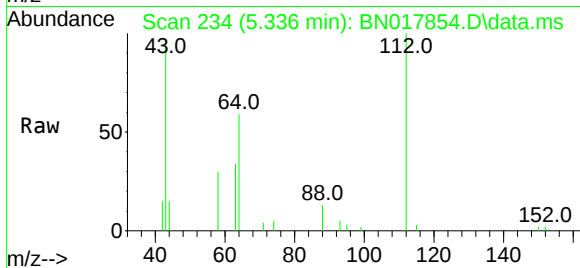
Tgt Ion: 88 Resp: 34579
Ion Ratio Lower Upper
88 100
43 47.1 0.0 0.0#
58 115.6 0.0 0.0#





#4
2-Fluorophenol
Concen: 0.099 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017854.D
Acq: 10 Dec 2021 04:43

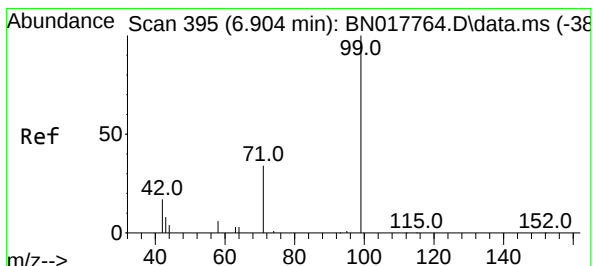
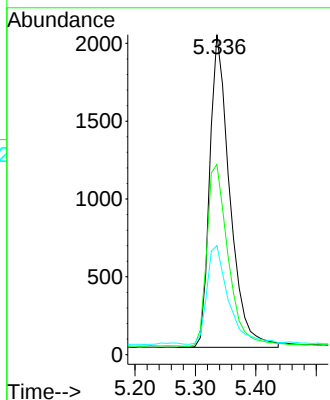
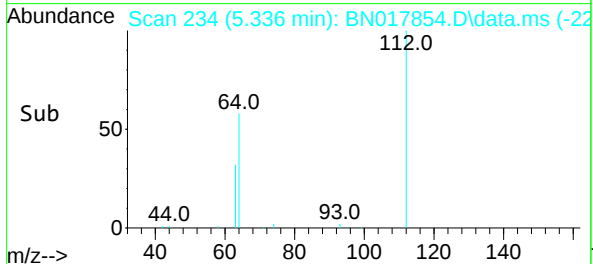
Instrument :
BNA_N
ClientSampleId :
TT180D2-20211201



Tgt Ion: 112 Resp: 4634
Ion Ratio Lower Upper
112 100
64 62.0 49.3 73.9
63 34.1 25.8 38.8

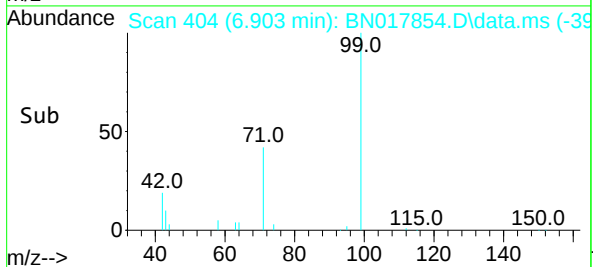
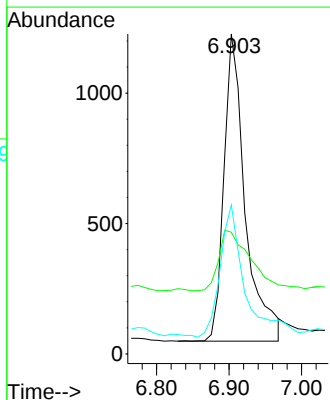
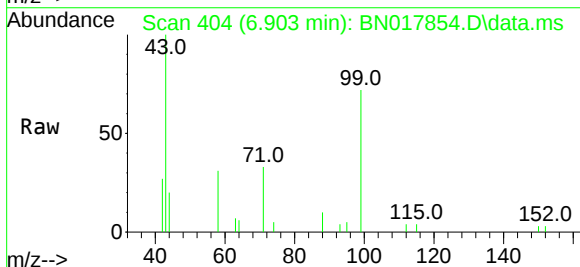
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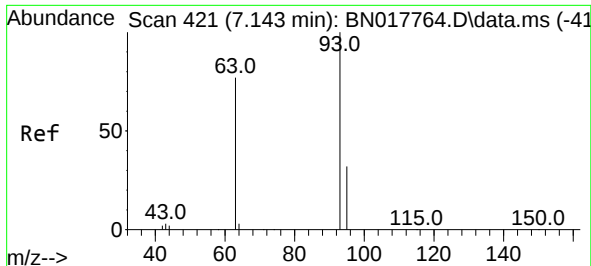
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#5
Phenol-d6
Concen: 0.054 ng
RT: 6.903 min Scan# 404
Delta R.T. -0.001 min
Lab File: BN017854.D
Acq: 10 Dec 2021 04:43

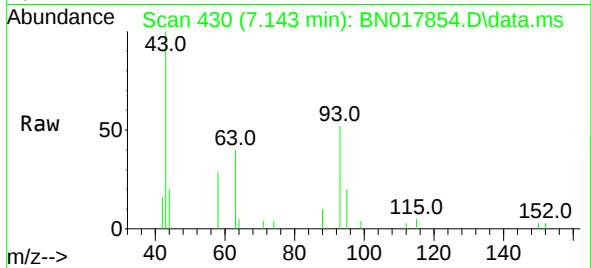
Tgt Ion: 99 Resp: 2407
Ion Ratio Lower Upper
99 100
42 28.8 16.6 25.0#
71 46.5 29.0 43.4#





#6
bis(2-Chloroethyl)ether
Concen: 0.032 ng
RT: 7.143 min Scan# 41
Delta R.T. -0.001 min
Lab File: BN017854.D
Acq: 10 Dec 2021 04:43

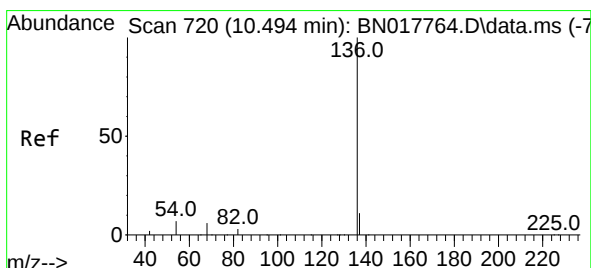
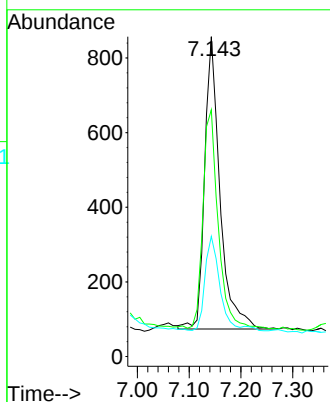
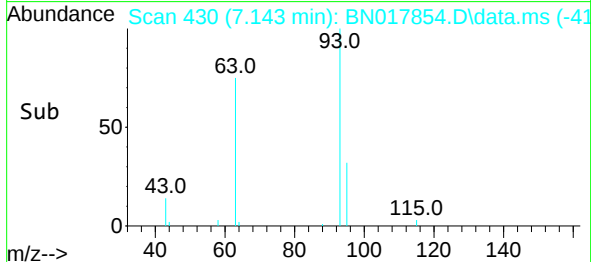
Instrument :
BNA_N
ClientSampleId :
TT180D2-20211201



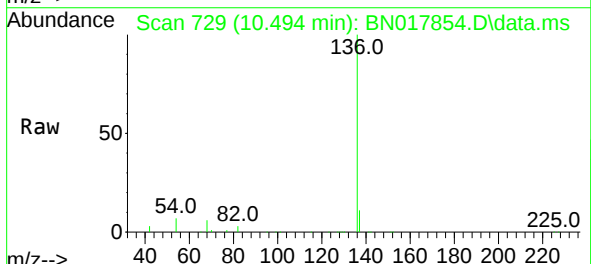
Tgt Ion: 93 Resp: 160
Ion Ratio Lower Upper
93 100
63 75.0 62.0 93.0
95 31.8 26.4 39.6

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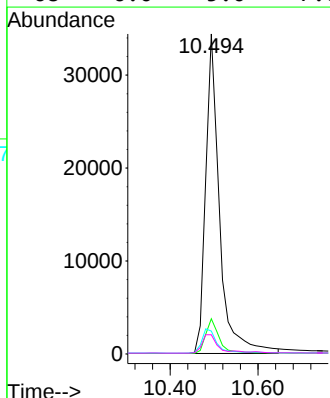
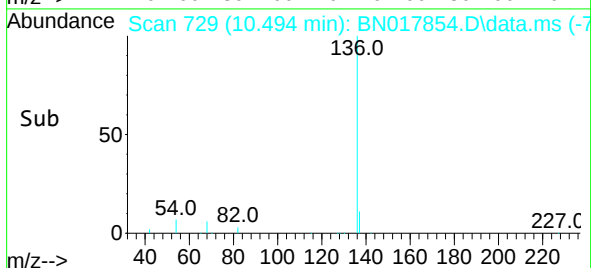
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

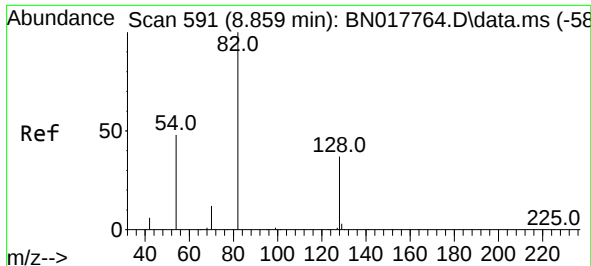


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.001 min
Lab File: BN017854.D
Acq: 10 Dec 2021 04:43



Tgt Ion:136 Resp: 75136
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.1 5.9 8.9
68 6.0 5.0 7.6





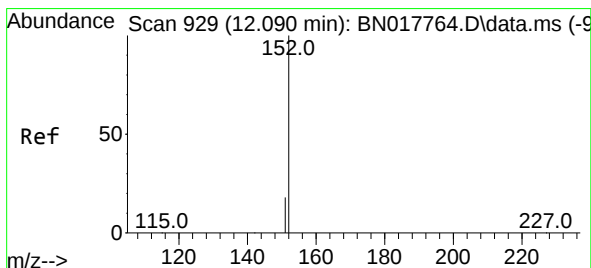
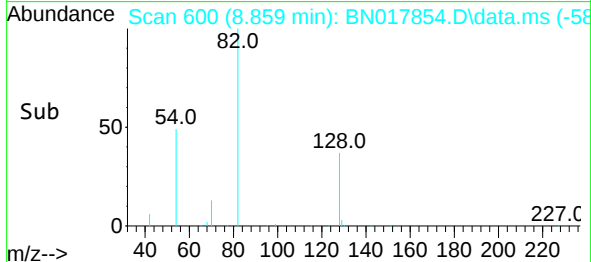
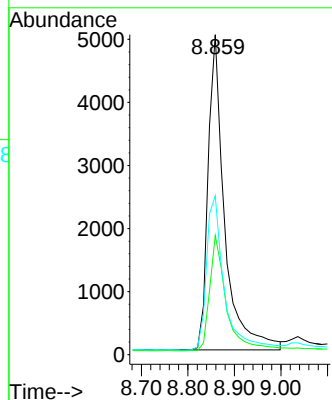
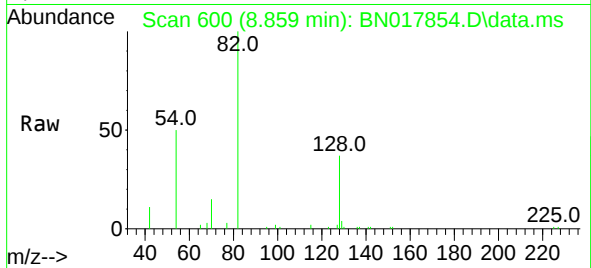
#8
Nitrobenzene-d5
Concen: 0.248 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.001 min
Lab File: BN017854.D
Acq: 10 Dec 2021 04:43

Instrument :
BNA_N
ClientSampleId :
TT180D2-20211201

Tgt Ion: 82 Resp: 12395
Ion Ratio Lower Upper
82 100
128 37.3 30.2 45.2
54 49.7 39.0 58.6

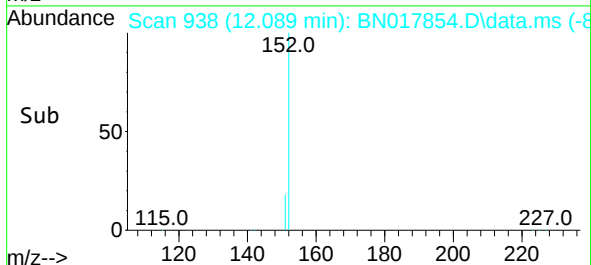
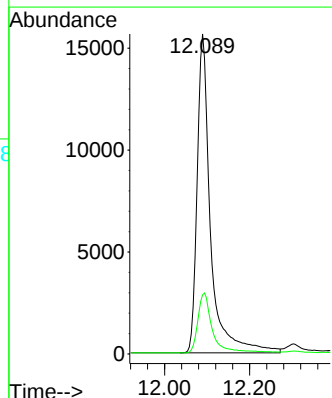
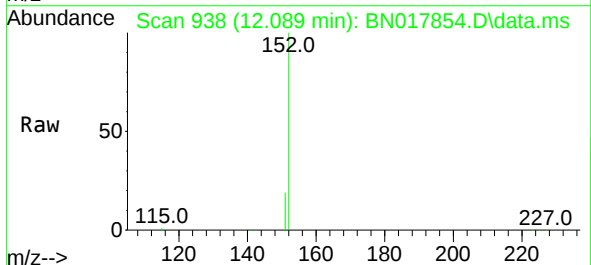
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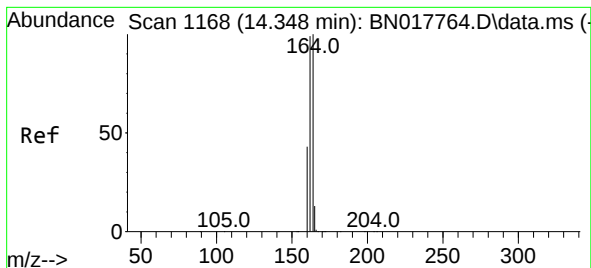
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#11
2-Methylnaphthalene-d10
Concen: 0.228 ng
RT: 12.089 min Scan# 938
Delta R.T. -0.001 min
Lab File: BN017854.D
Acq: 10 Dec 2021 04:43

Tgt Ion:152 Resp: 34185
Ion Ratio Lower Upper
152 100
151 20.5 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: BN017854.D

Acq: 10 Dec 2021 04:43

Instrument :

BNA_N

ClientSampleId :

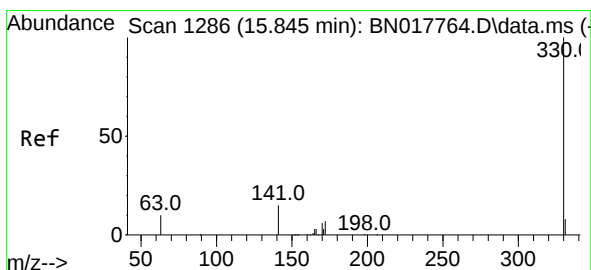
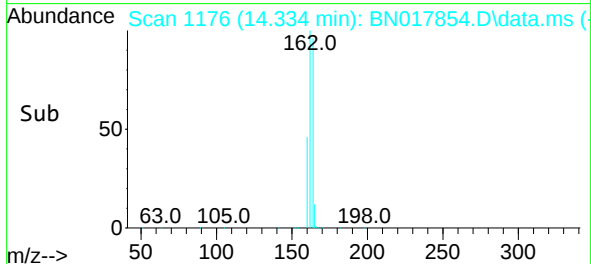
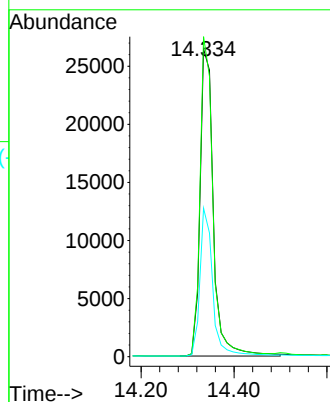
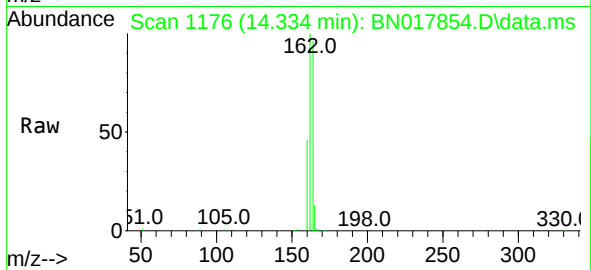
TT180D2-20211201

Tgt Ion:164 Resp: 52680
 Ion Ratio Lower Upper
 164 100
 162 103.9 79.0 118.6
 160 48.2 34.6 52.0

Manual Integrations

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#14

2,4,6-Tribromophenol

Concen: 0.106 ng

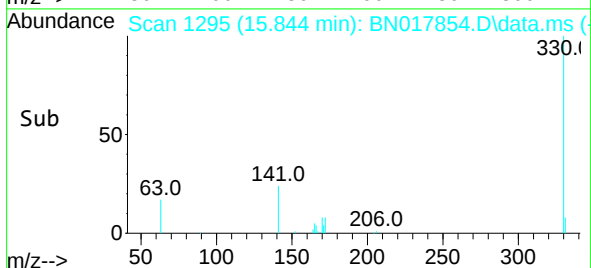
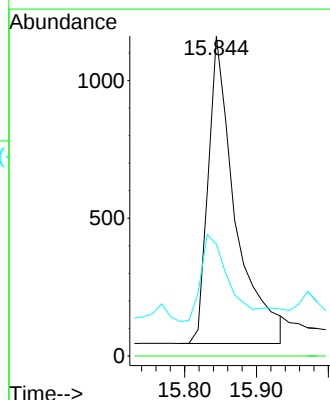
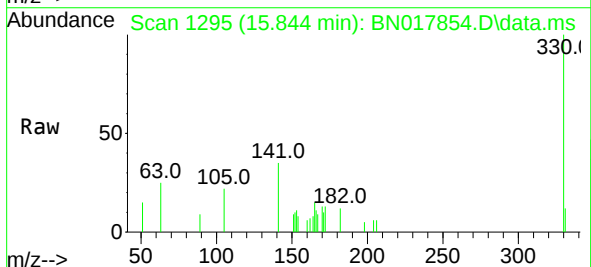
RT: 15.844 min Scan# 1295

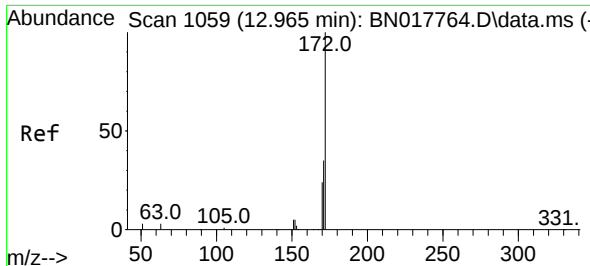
Delta R.T. -0.001 min

Lab File: BN017854.D

Acq: 10 Dec 2021 04:43

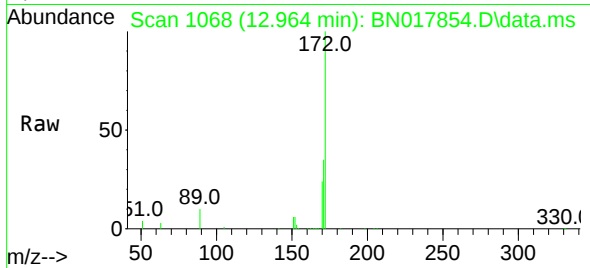
Tgt Ion:330 Resp: 2931
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 32.0 21.5 32.3





#15
2-Fluorobiphenyl
Concen: 0.271 ng
RT: 12.964 min Scan# 1059
Delta R.T. -0.001 min
Lab File: BN017854.D
Acq: 10 Dec 2021 04:43

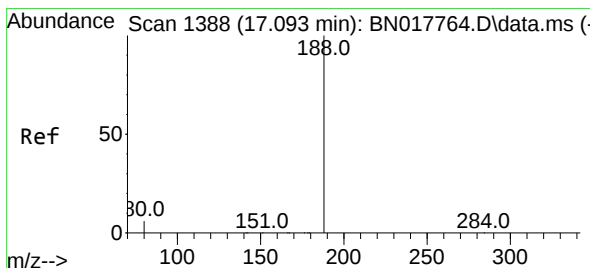
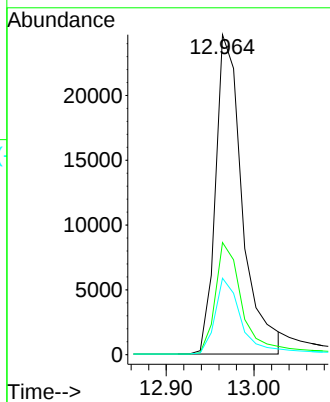
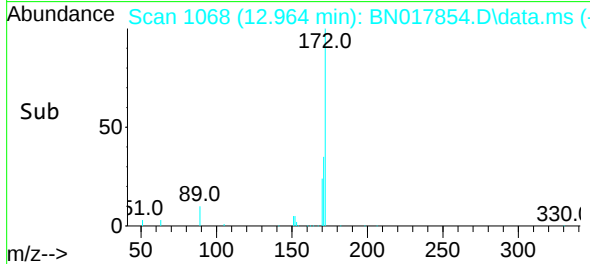
Instrument :
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TT180D2-20211201



Tgt Ion:172 Resp: 52339
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.9 18.9 28.3

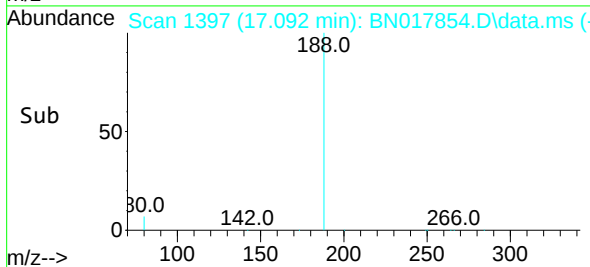
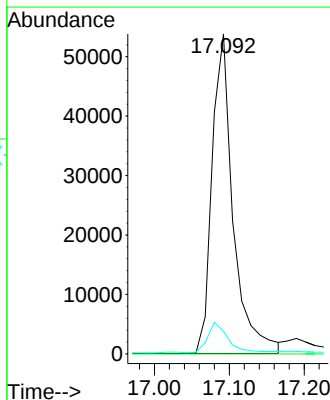
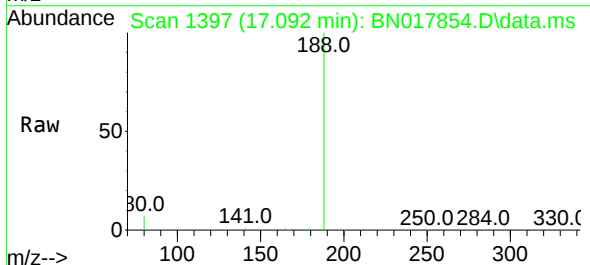
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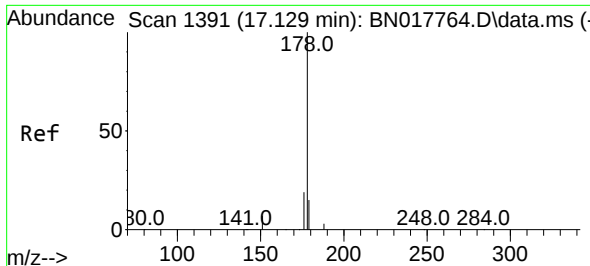
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.001 min
Lab File: BN017854.D
Acq: 10 Dec 2021 04:43

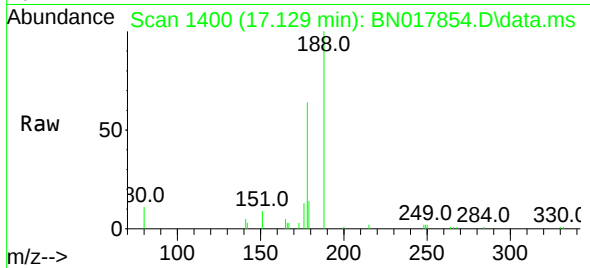
Tgt Ion:188 Resp: 104941
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.1 5.1 7.7





#25
Phenanthrene
Concen: 0.023 ng
RT: 17.129 min Scan# 1400
Delta R.T. -0.001 min
Lab File: BN017854.D
Acq: 10 Dec 2021 04:43

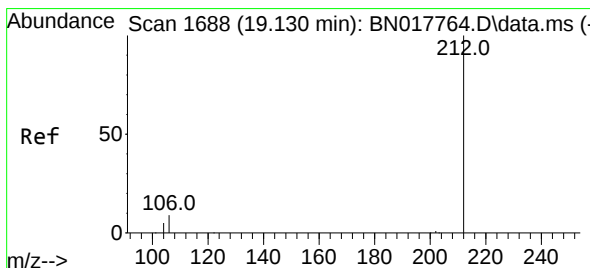
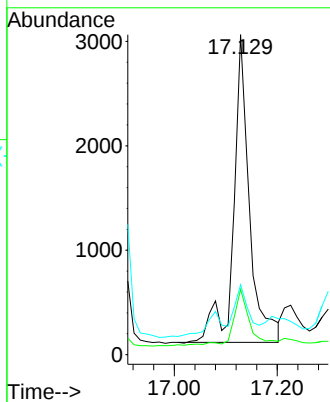
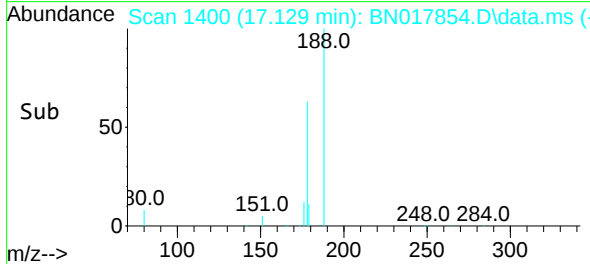
Instrument :
BNA_N
ClientSampleId :
TT180D2-20211201



Tgt Ion:178 Resp: 6349
Ion Ratio Lower Upper
178 100
176 19.6 15.0 22.6
179 11.7 12.5 18.7

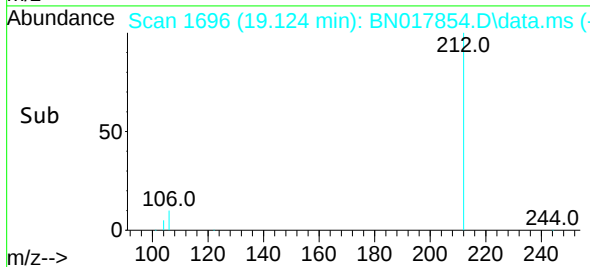
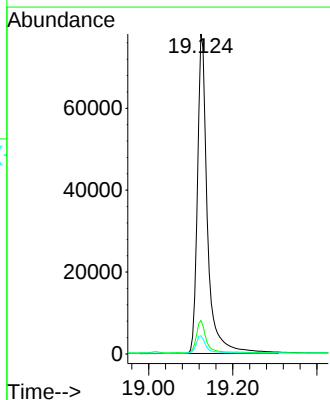
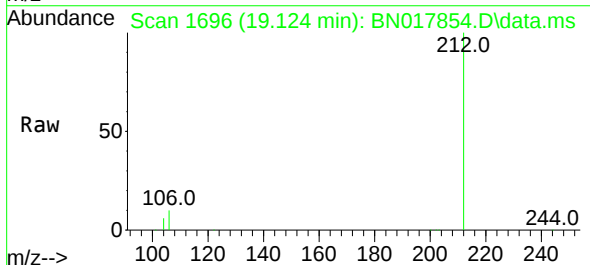
Manual Integrations
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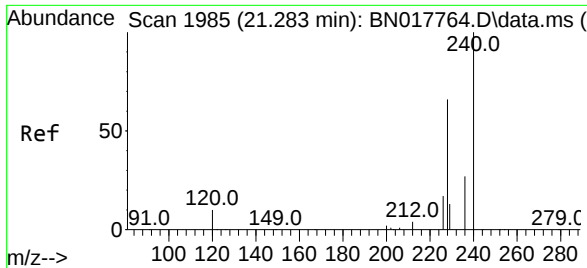
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#27
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BN017854.D
Acq: 10 Dec 2021 04:43

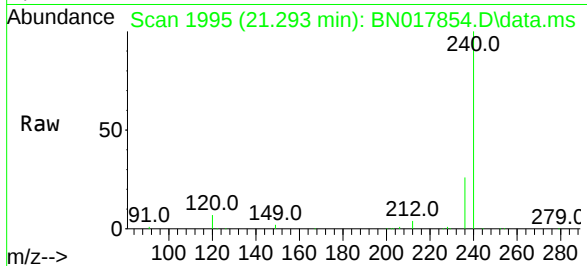
Tgt Ion:212 Resp: 129805
Ion Ratio Lower Upper
212 100
106 9.8 8.2 12.2
104 5.7 4.6 6.8





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1985
Delta R.T. 0.010 min
Lab File: BN017854.D
Acq: 10 Dec 2021 04:43

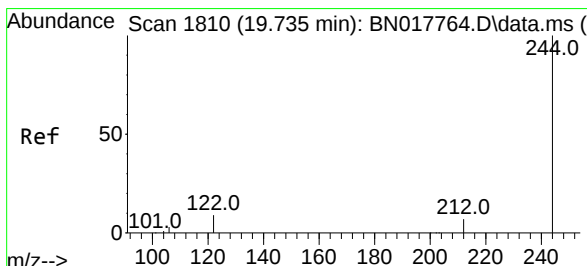
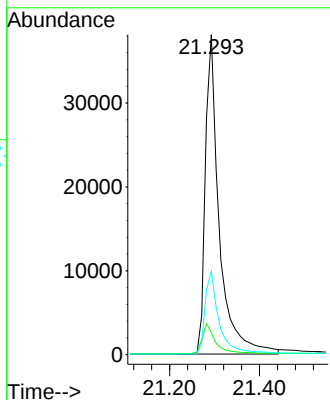
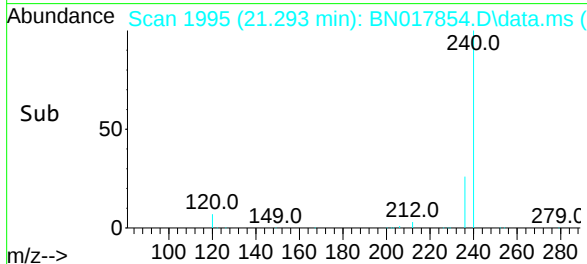
Instrument :
BNA_N
ClientSampleId :
TT180D2-20211201



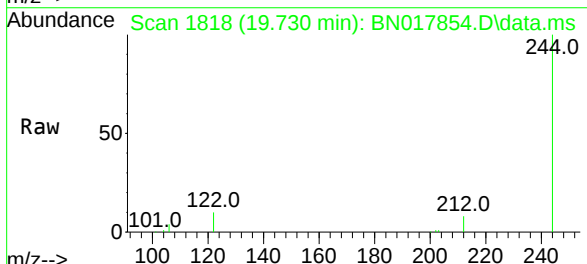
Tgt Ion:240 Resp: 81498
Ion Ratio Lower Upper
240 100
120 6.9 7.9 11.9
236 26.0 21.4 32.2

Manual Integrations
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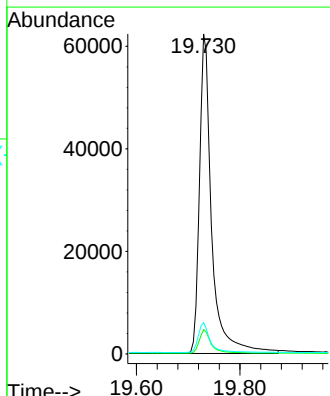
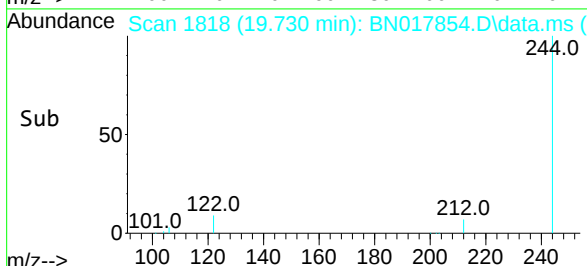
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

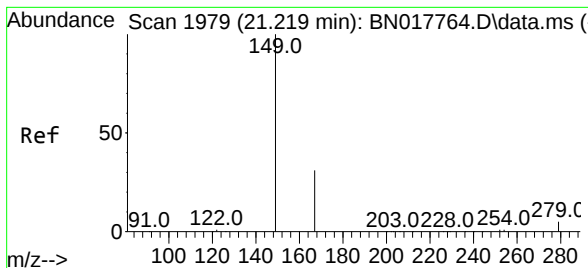


#31
Terphenyl-d14
Concen: 0.585 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BN017854.D
Acq: 10 Dec 2021 04:43



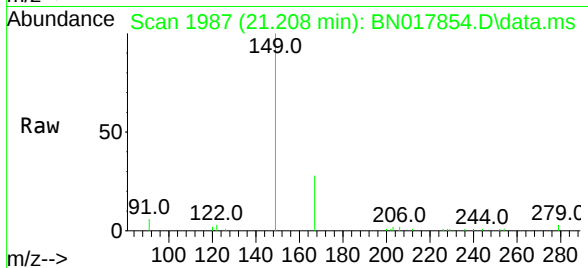
Tgt Ion:244 Resp: 102433
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.8
122 9.8 7.1 10.7





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.090 ng
 RT: 21.208 min Scan# 1979
 Delta R.T. -0.011 min
 Lab File: BN017854.D
 Acq: 10 Dec 2021 04:43

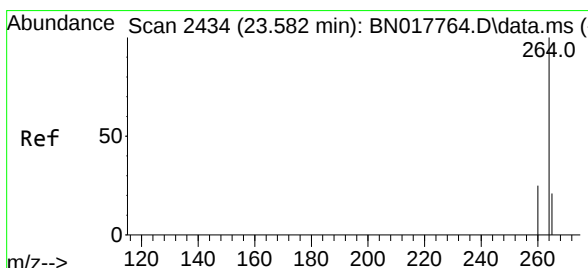
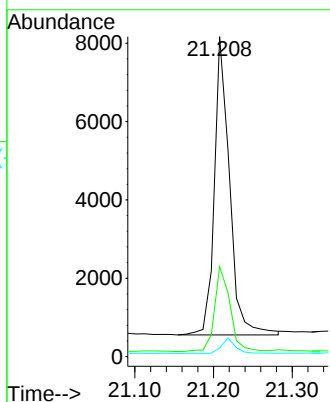
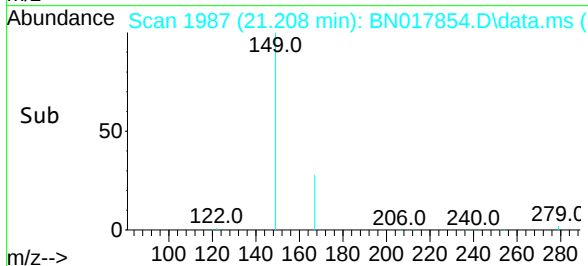
Instrument :
 BNA_N
 ClientSampleId :
 TT180D2-20211201



Tgt Ion:149 Resp: 10225
 Ion Ratio Lower Upper
 149 100
 167 28.9 23.5 35.3
 279 4.9 3.8 5.6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :Yogesh Patel 12/15/2021



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.589 min Scan# 2445
 Delta R.T. 0.006 min
 Lab File: BN017854.D
 Acq: 10 Dec 2021 04:43

Tgt Ion:264 Resp: 52677
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.0 30.0
 265 23.9 20.5 30.7

