

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017865.D
 Acq On : 10 Dec 2021 11:19
 Operator : CG/JU
 Sample : M4923-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20211202

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 01:03:33 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	7.714	152	20072	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	87307	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	56280	0.400	ng	-0.01
19) Phenanthrene-d10	17.092	188	120792	0.400	ng	0.00
29) Chrysene-d12	21.293	240	102671	0.400	ng	# 0.01
35) Perylene-d12	23.589	264	66316	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	2328588	48.023	ng	0.00
5) Phenol-d6	6.903	99	1658443	36.146	ng	0.00
8) Nitrobenzene-d5	8.871	82	4985033	85.834	ng	0.01
11) 2-Methylnaphthalene-d10	12.089	152	43685	0.251	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	3078391	104.624	ng	0.00
15) 2-Fluorobiphenyl	12.977	172	9772851	47.421	ng	0.01
27) Fluoranthene-d10	19.124	212	144983	0.359	ng	0.00
31) Terphenyl-d14	19.745	244	12351216	56.010	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.279	88	22104m	2.992	ng	
6) bis(2-Chloroethyl)ether	7.143	93	1601	0.031	ng	96
25) Phenanthrene	17.129	178	9917m	0.031	ng	
28) Fluoranthene	19.154	202	9416	0.024	ng	98
34) Bis(2-ethylhexyl)phtha...	21.208	149	13611	0.095	ng	100

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

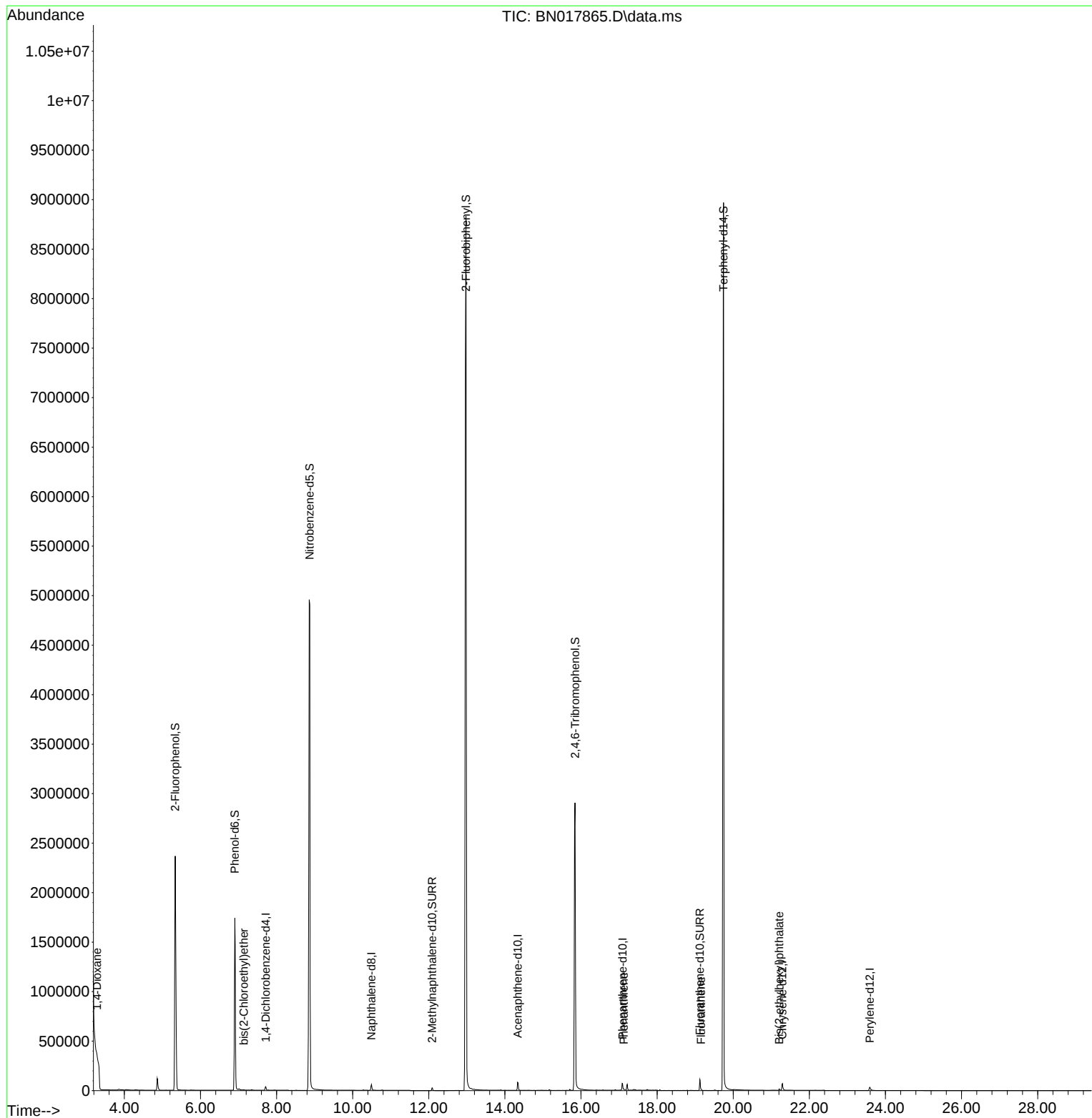
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
Data File : BN017865.D
Acq On : 10 Dec 2021 11:19
Operator : CG/JU
Sample : M4923-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

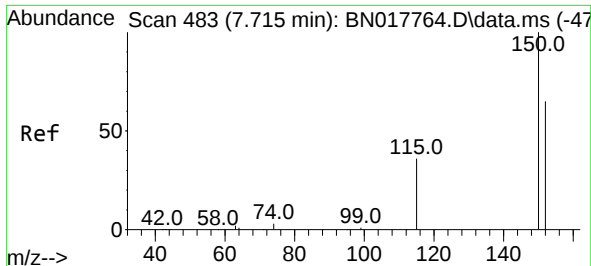
Instrument :
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Quant Time: Dec 11 01:03:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:18:09 2021
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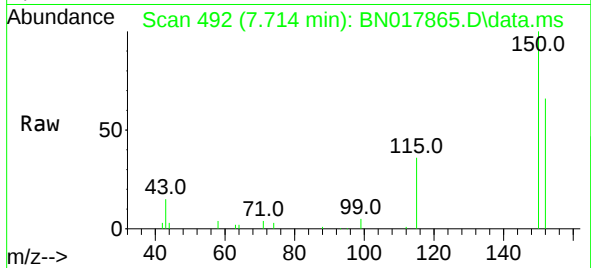
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.714 min Scan# 492
Delta R.T. -0.001 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

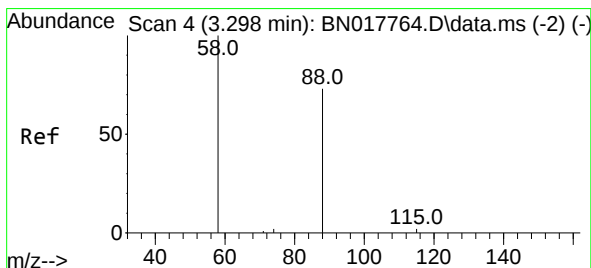
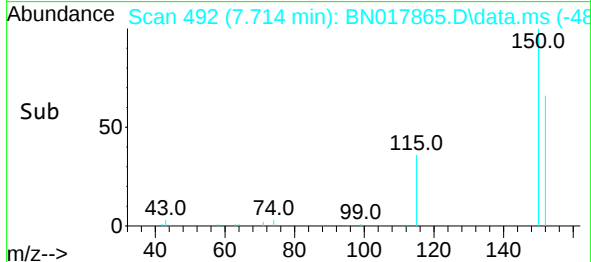
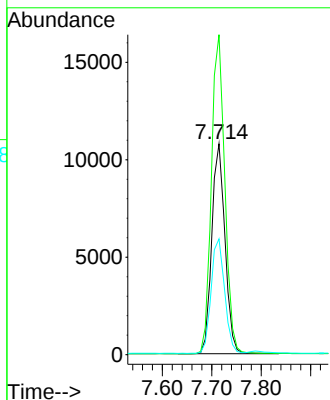
Instrument :
BNA_N
ClientSampleId :
TT101D2-20211202



Tgt Ion: 152 Resp: 20072
Ion Ratio Lower Upper
152 100
150 151.7 123.0 184.4
115 54.9 45.3 67.9

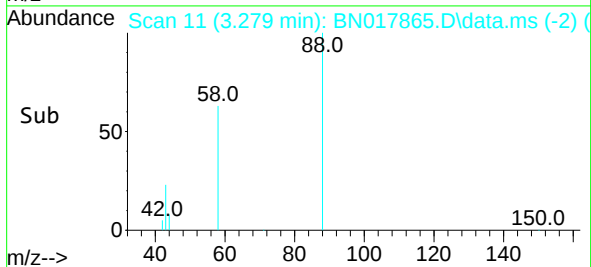
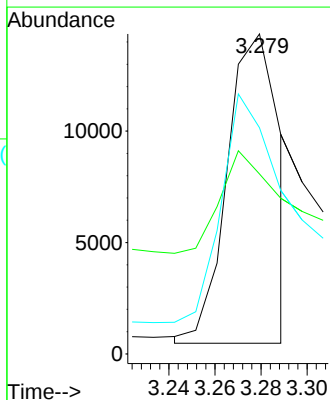
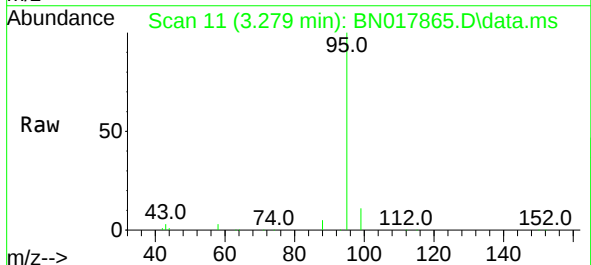
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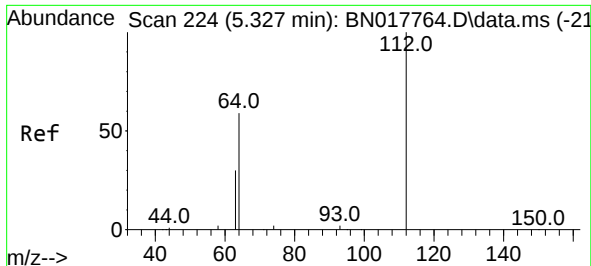
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#2
1,4-Dioxane
Concen: 2.992 ng m
RT: 3.279 min Scan# 11
Delta R.T. -0.019 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

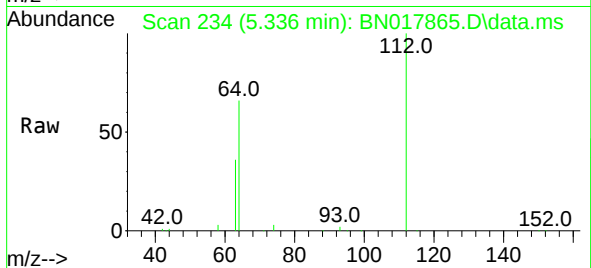
Tgt Ion: 88 Resp: 22104
Ion Ratio Lower Upper
88 100
43 46.2 0.0 0.0#
58 109.8 0.0 0.0#





#4
2-Fluorophenol
Concen: 48.023 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

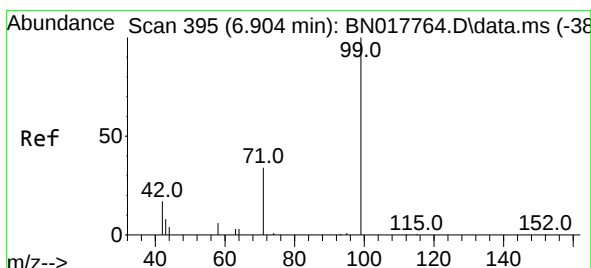
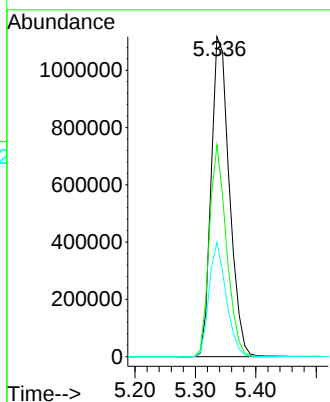
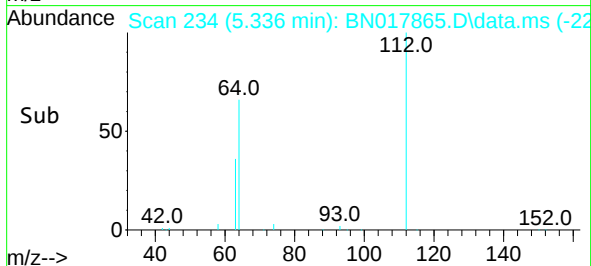
Instrument :
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ClientSampleId :
TT101D2-20211202



Tgt Ion:112 Resp: 232858
Ion Ratio Lower Upper
112 100
64 62.5 49.3 73.9
63 33.7 25.8 38.8

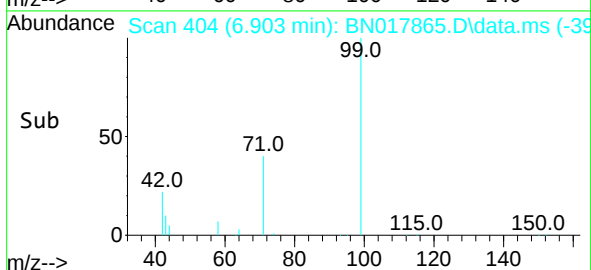
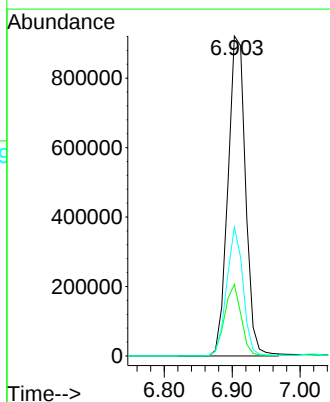
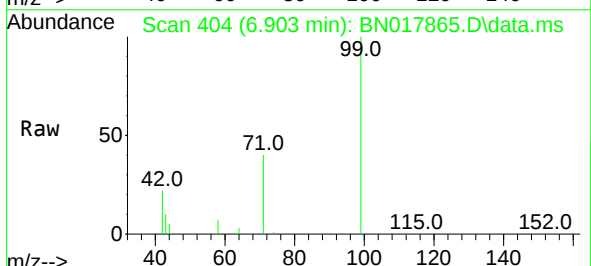
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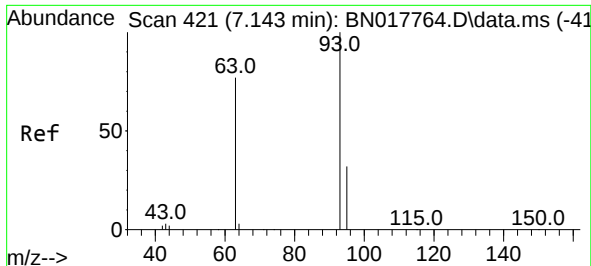
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#5
Phenol-d6
Concen: 36.146 ng
RT: 6.903 min Scan# 404
Delta R.T. -0.001 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

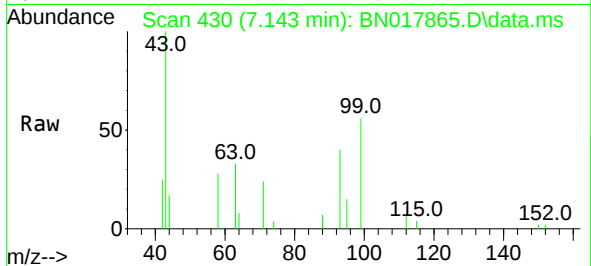
Tgt Ion: 99 Resp: 1658443
Ion Ratio Lower Upper
99 100
42 21.0 16.6 25.0
71 37.4 29.0 43.4





#6
bis(2-Chloroethyl)ether
Concen: 0.031 ng
RT: 7.143 min Scan# 41
Delta R.T. -0.001 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

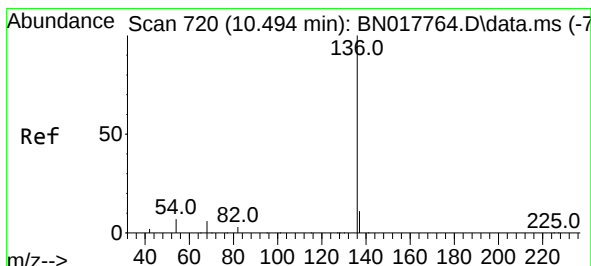
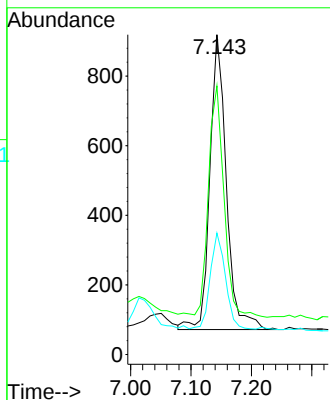
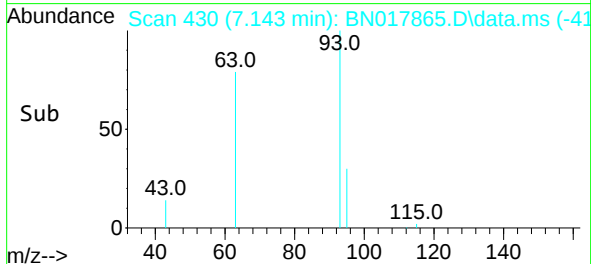
Instrument :
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ClientSampleId :
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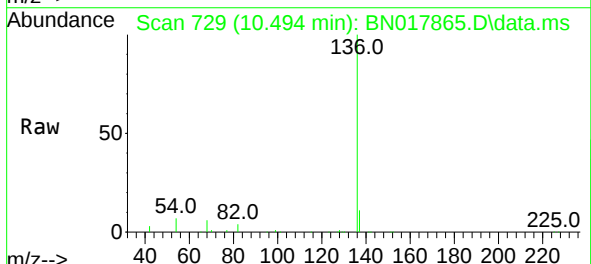
Tgt Ion: 93 Resp: 160
Ion Ratio Lower Upper
93 100
63 74.0 62.0 93.0
95 30.0 26.4 39.6

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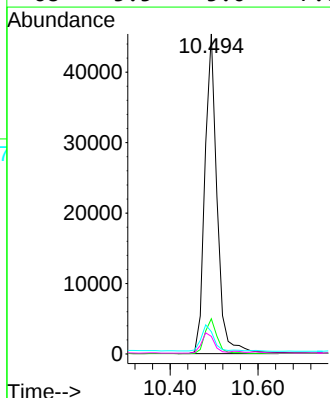
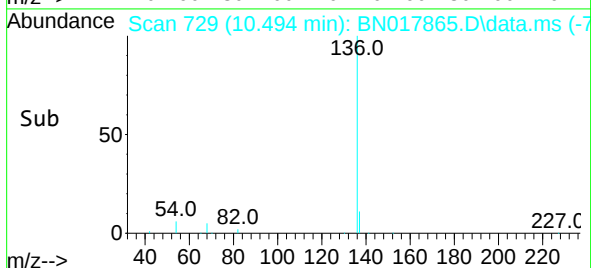
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021

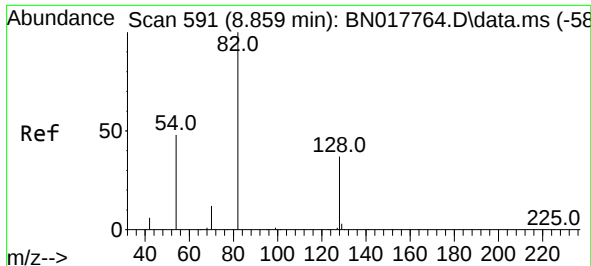


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.001 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19



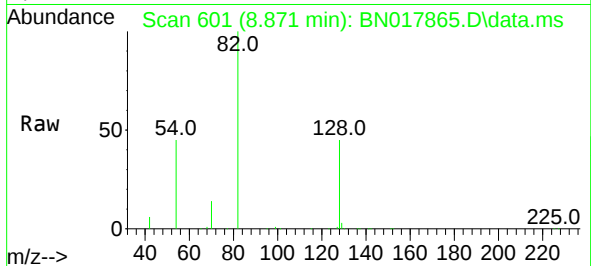
Tgt Ion:136 Resp: 87307
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.0 5.9 8.9
68 5.5 5.0 7.6





#8
Nitrobenzene-d5
Concen: 85.834 ng
RT: 8.871 min Scan# 601
Delta R.T. 0.012 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

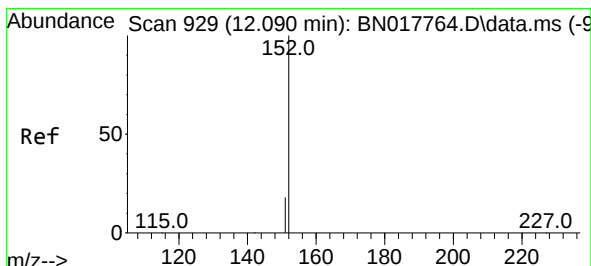
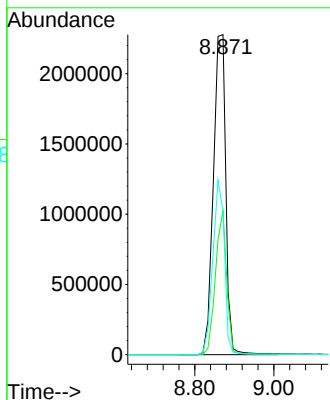
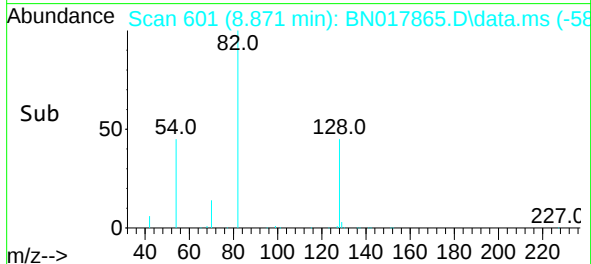
Instrument :
BNA_N
ClientSampleId :
TT101D2-20211202



Tgt Ion: 82 Resp: 498503
Ion Ratio Lower Upper
82 100
128 44.9 30.2 45.2
54 44.8 39.0 58.6

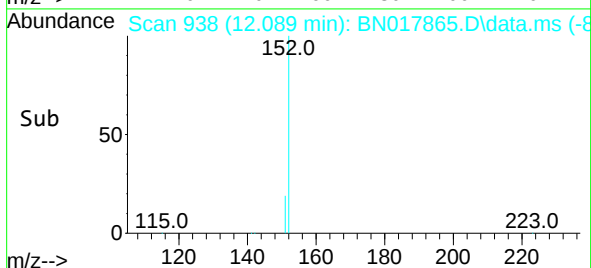
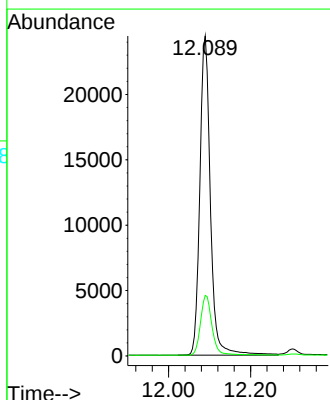
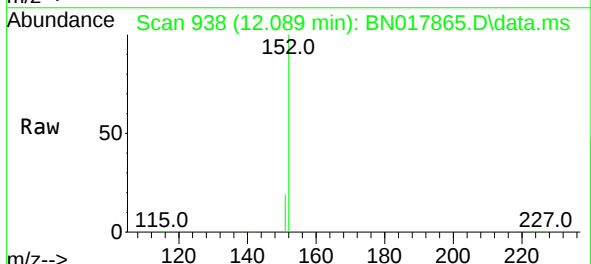
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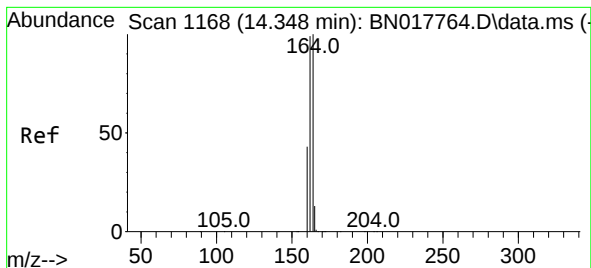
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#11
2-Methylnaphthalene-d10
Concen: 0.251 ng
RT: 12.089 min Scan# 938
Delta R.T. -0.001 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

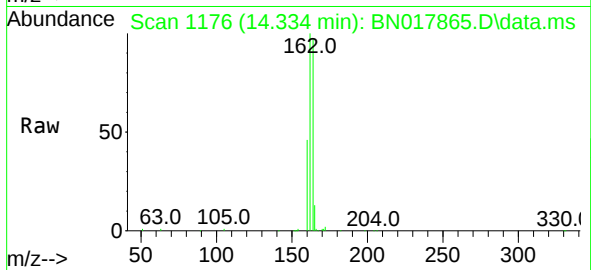
Tgt Ion:152 Resp: 43685
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1168
Delta R.T. -0.013 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

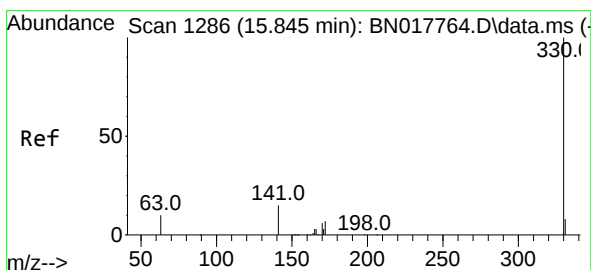
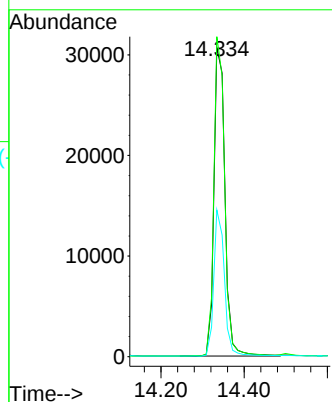
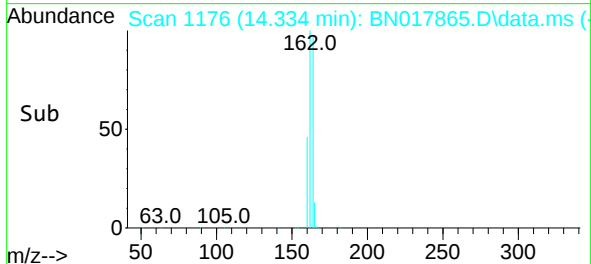
Instrument :
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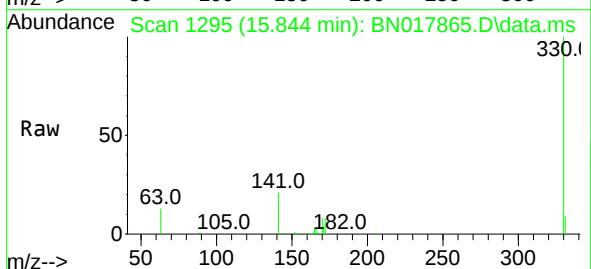
Tgt Ion:164 Resp: 56280
Ion Ratio Lower Upper
164 100
162 103.5 79.0 118.6
160 47.5 34.6 52.0

Manual Integrations
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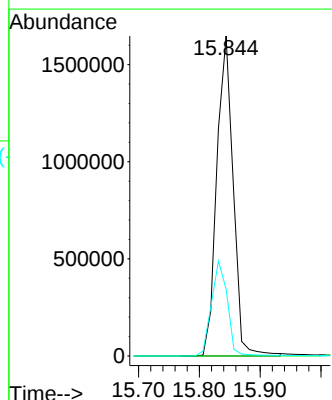
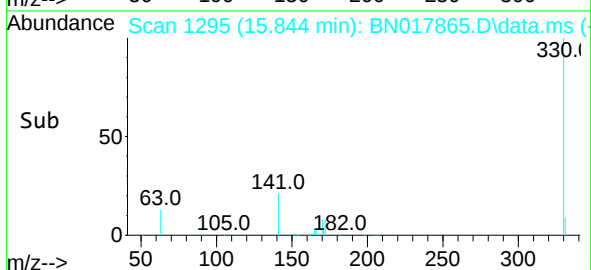
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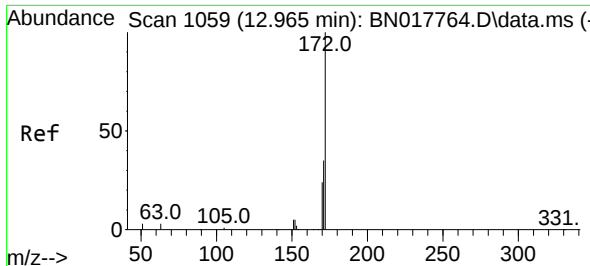


#14
2,4,6-Tribromophenol
Concen: 104.624 ng
RT: 15.844 min Scan# 1295
Delta R.T. -0.001 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19



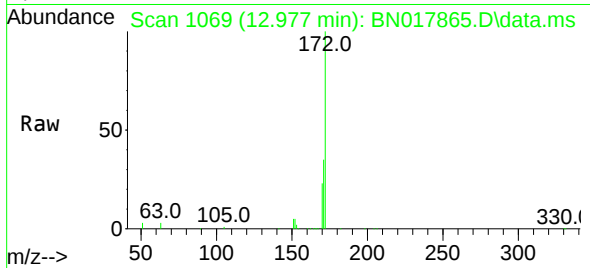
Tgt Ion:330 Resp: 3078391
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.0 21.5 32.3





#15
2-Fluorobiphenyl
Concen: 47.421 ng
RT: 12.977 min Scan# 1059
Delta R.T. 0.012 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

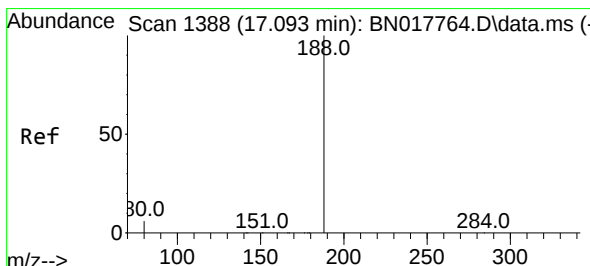
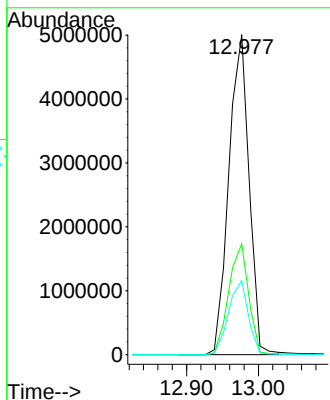
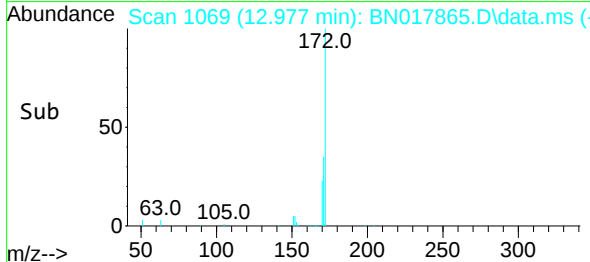
Instrument :
BNA_N
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TT101D2-20211202



Tgt Ion:172 Resp: 977285
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.1 18.9 28.3

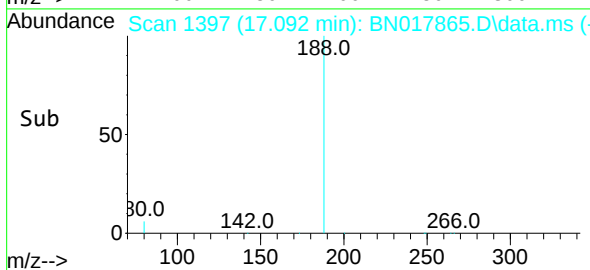
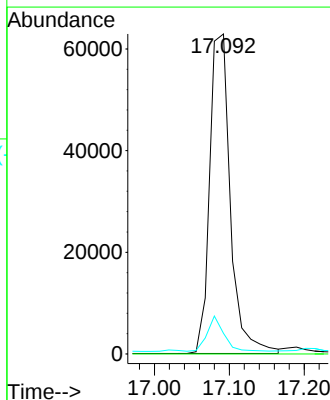
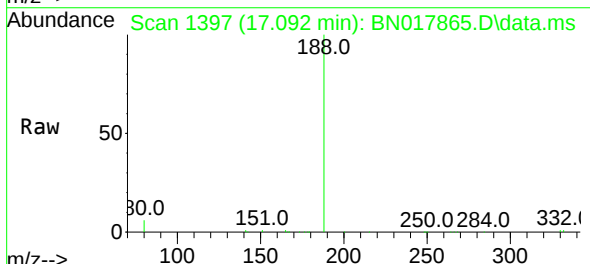
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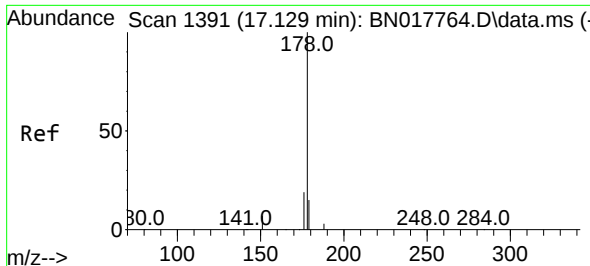
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.001 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

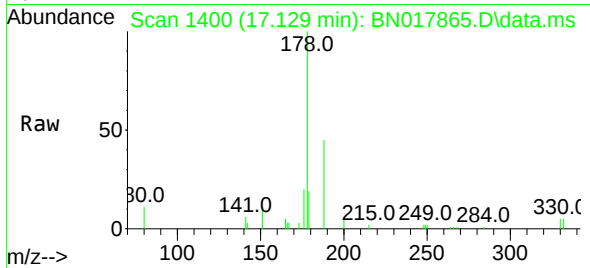
Tgt Ion:188 Resp: 120792
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.5 5.1 7.7





#25
Phenanthrene
Concen: 0.031 ng m
RT: 17.129 min Scan# 14
Delta R.T. -0.001 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

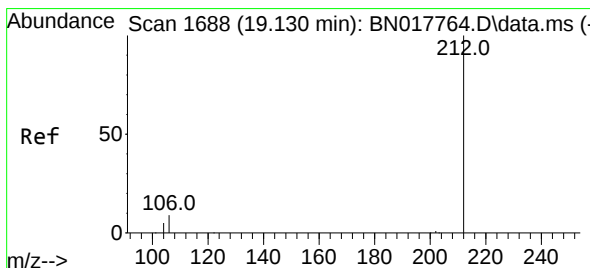
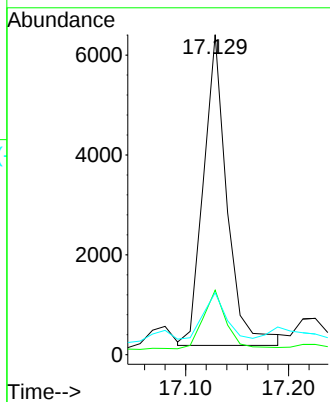
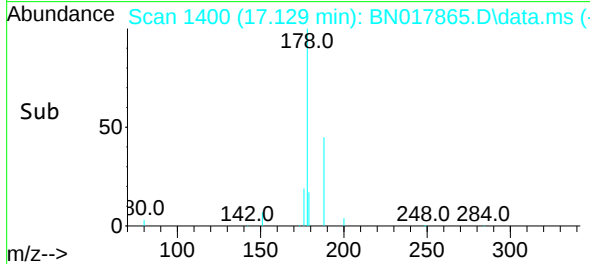
Instrument :
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Tgt Ion:178 Resp: 991
Ion Ratio Lower Upper
178 100
176 20.9 15.0 22.6
179 15.4 12.5 18.7

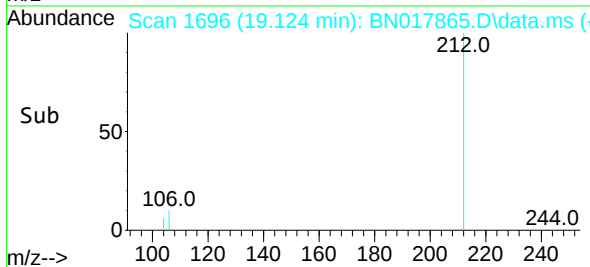
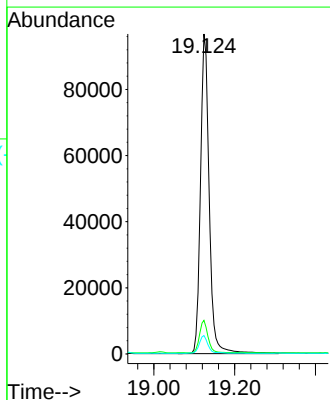
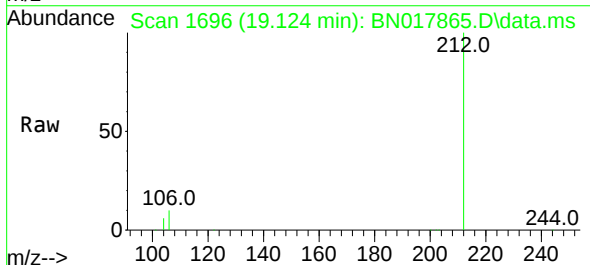
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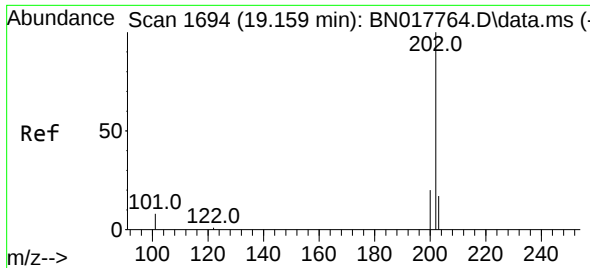
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#27
Fluoranthene-d10
Concen: 0.359 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

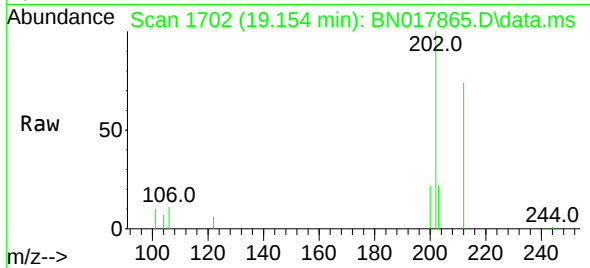
Tgt Ion:212 Resp: 144983
Ion Ratio Lower Upper
212 100
106 9.9 8.2 12.2
104 5.7 4.6 6.8





#28
Fluoranthene
Concen: 0.024 ng
RT: 19.154 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

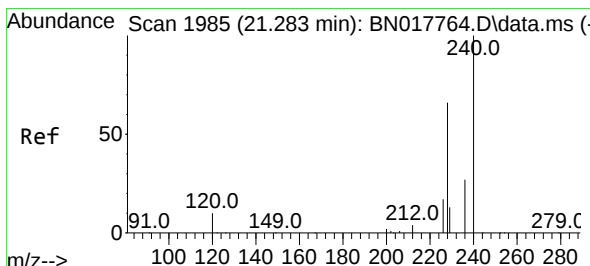
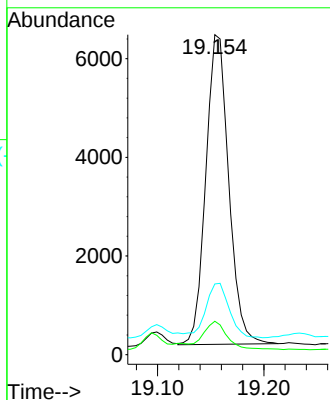
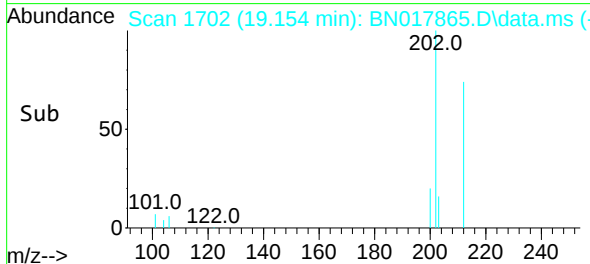
Instrument :
BNA_N
ClientSampleId :
TT101D2-20211202



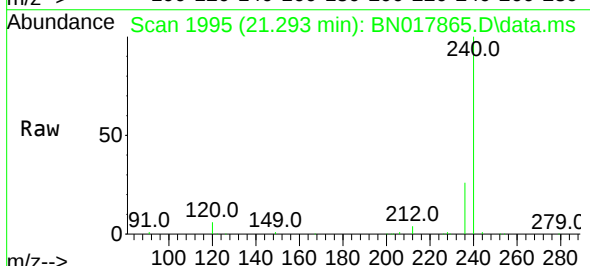
Tgt Ion:202 Resp: 9410
Ion Ratio Lower Upper
202 100
101 9.5 7.2 10.8
203 18.3 13.7 20.5

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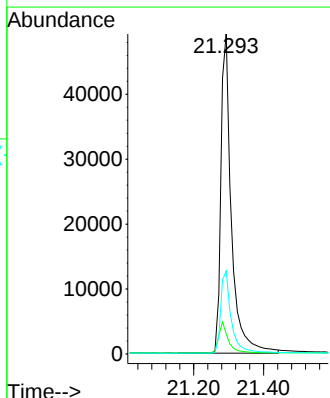
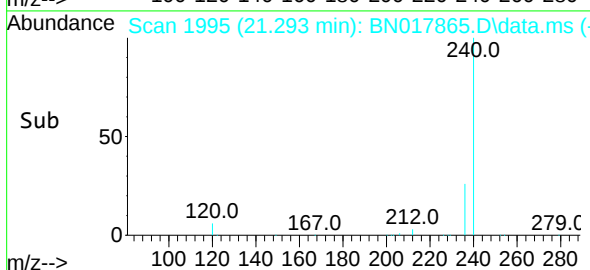
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021

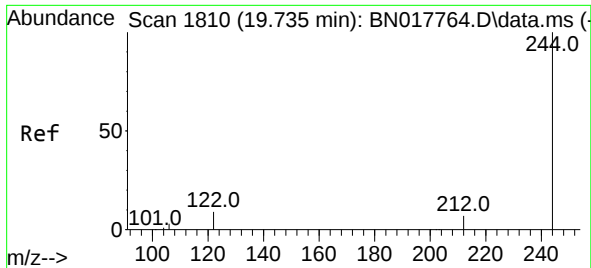


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.010 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19



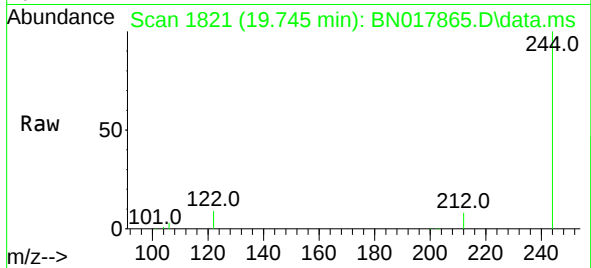
Tgt Ion:240 Resp: 102671
Ion Ratio Lower Upper
240 100
120 6.3 7.9 11.9#
236 25.9 21.4 32.2





#31
Terphenyl-d14
Concen: 56.010 ng
RT: 19.745 min Scan# 11
Delta R.T. 0.009 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

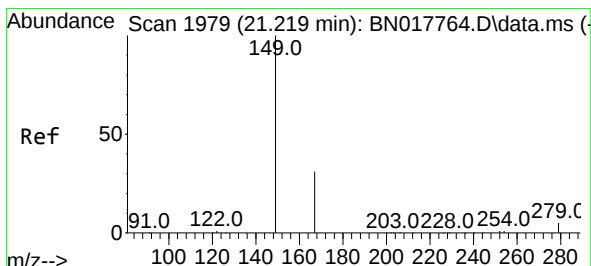
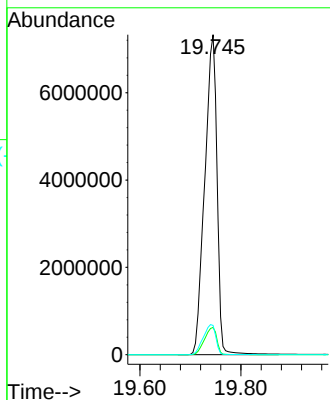
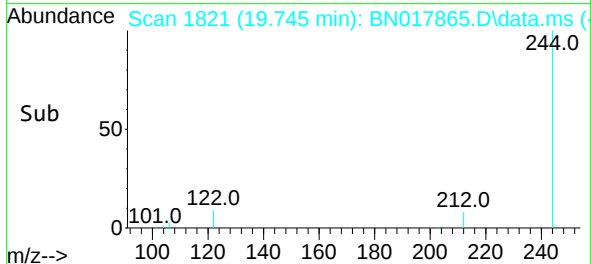
Instrument :
BNA_N
ClientSampleId :
TT101D2-20211202



Tgt Ion:244 Resp:12351210
Ion Ratio Lower Upper
244 100
212 8.5 5.8 8.8
122 9.1 7.1 10.7

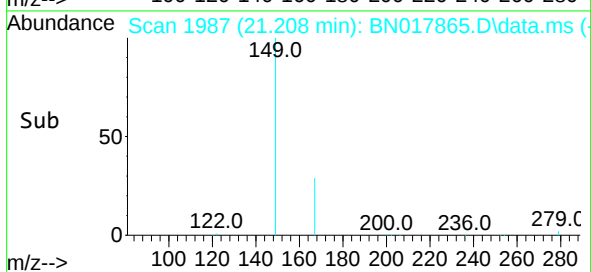
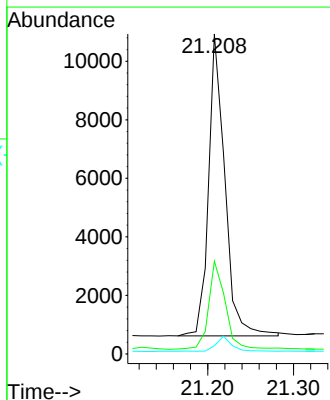
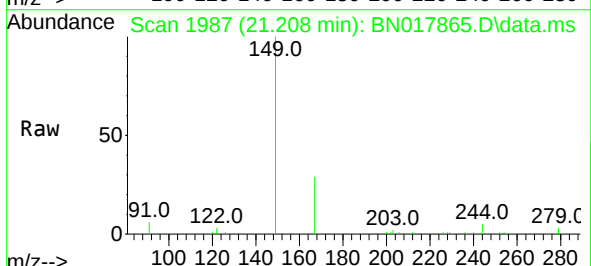
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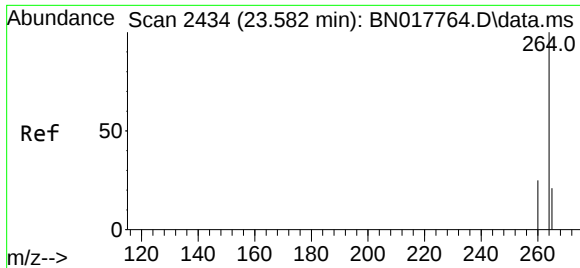
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.095 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.011 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

Tgt Ion:149 Resp: 13611
Ion Ratio Lower Upper
149 100
167 29.6 23.5 35.3
279 4.6 3.8 5.6





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.589 min Scan# 24

Delta R.T. 0.006 min

Lab File: BN017865.D

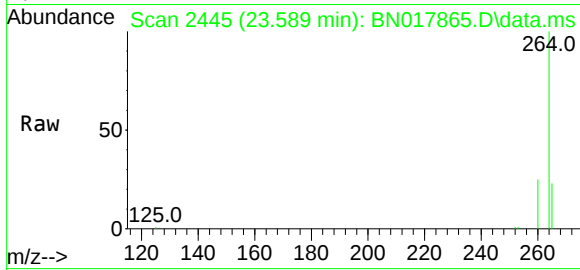
Acq: 10 Dec 2021 11:19

Instrument :

BNA_N

ClientSampleId :

TT101D2-20211202



Tgt Ion:264 Resp: 66310

Ion Ratio Lower Upper

264 100

260 24.6 20.0 30.0

265 22.6 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2021

Supervised By :Yogesh Patel 12/15/2021

