

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017864.D
 Acq On : 10 Dec 2021 10:43
 Operator : CG/JU
 Sample : M4923-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20211201

Quant Time: Dec 11 01:12:58 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 12/14/2021
 Supervised By :Yogesh Patel 12/15/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	21042	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	84640	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	58996	0.400	ng	-0.01
19) Phenanthrene-d10	17.092	188	121253	0.400	ng	0.00
29) Chrysene-d12	21.293	240	97597	0.400	ng	# 0.00
35) Perylene-d12	23.589	264	65190	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.335	112	5076	0.100	ng	0.00
5) Phenol-d6	6.903	99	2734	0.057	ng	0.00
8) Nitrobenzene-d5	8.859	82	14421	0.256	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	36723	0.217	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	2676	0.087	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	58535	0.271	ng	0.00
27) Fluoranthene-d10	19.124	212	148572	0.367	ng	0.00
31) Terphenyl-d14	19.730	244	118854	0.567	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	25371m	3.276	ng	Qvalue
6) bis(2-Chloroethyl)ether	7.143	93	3069	0.056	ng	99
25) Phenanthrene	17.129	178	6920m	0.022	ng	
28) Fluoranthene	19.154	202	8209	0.021	ng	98
34) Bis(2-ethylhexyl)phtha...	21.208	149	16362	0.120	ng	99

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

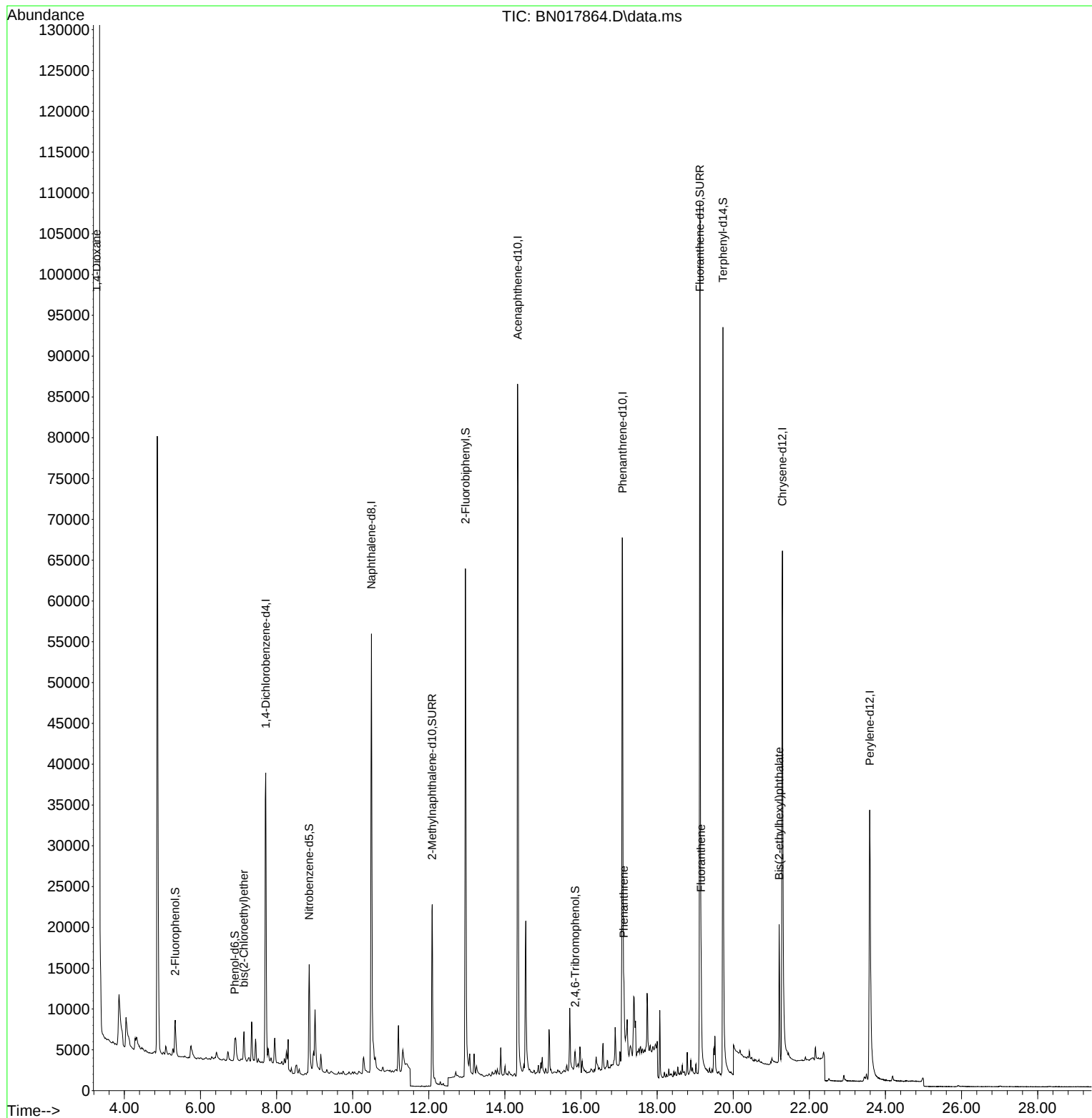
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
Data File : BN017864.D
Acq On : 10 Dec 2021 10:43
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ALS Vial : 30 Sample Multiplier: 1

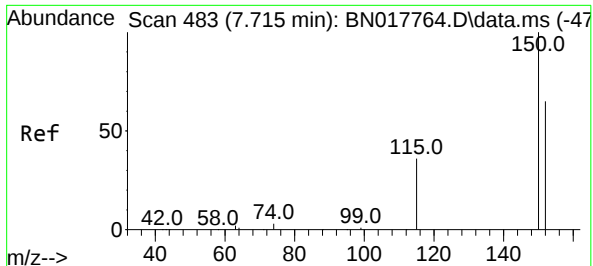
Instrument :
BNA_N
ClientSampleId :
RE105D2-20211201

Quant Time: Dec 11 01:12:58 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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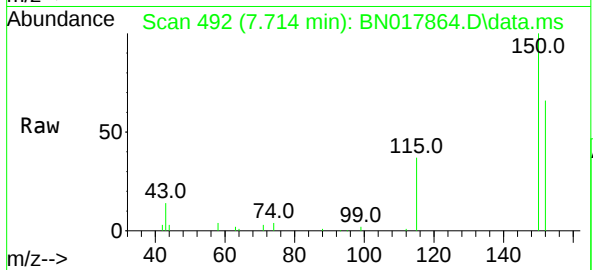
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.714 min Scan# 492
Delta R.T. -0.001 min
Lab File: BN017864.D
Acq: 10 Dec 2021 10:43

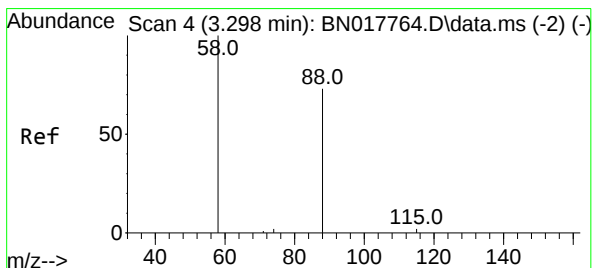
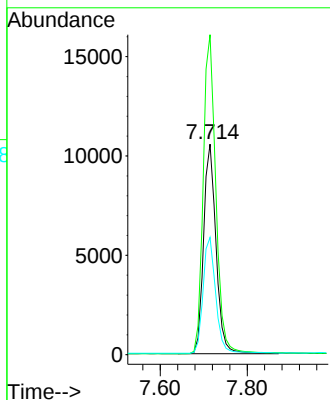
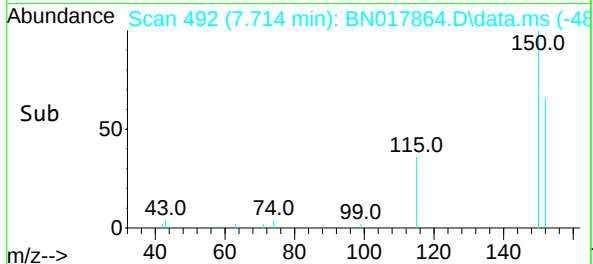
Instrument :
BNA_N
ClientSampleId :
RE105D2-20211201



Tgt Ion: 152 Resp: 2104
Ion Ratio Lower Upper
152 100
150 152.0 123.0 184.4
115 55.7 45.3 67.9

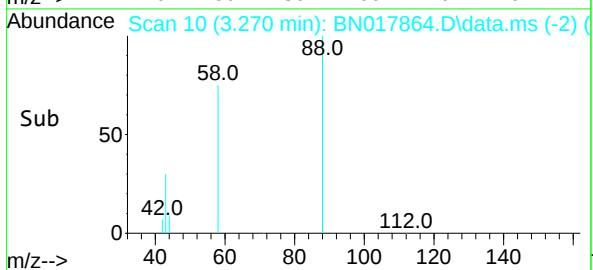
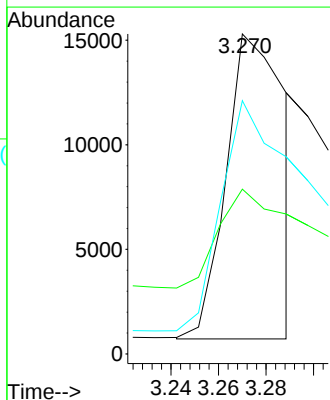
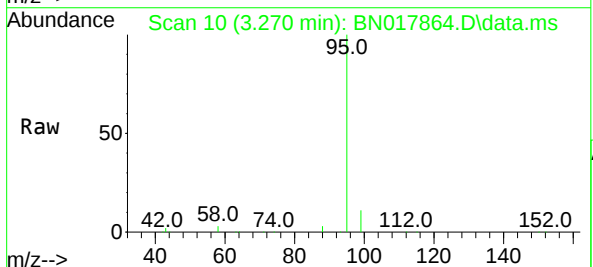
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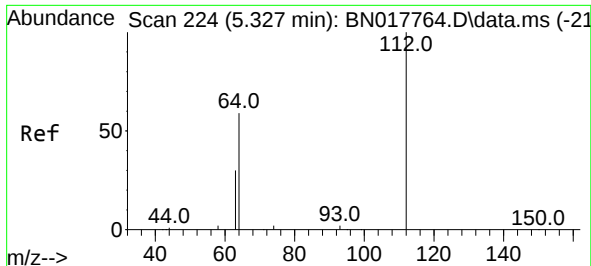
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#2
1,4-Dioxane
Concen: 3.276 ng m
RT: 3.270 min Scan# 10
Delta R.T. -0.028 min
Lab File: BN017864.D
Acq: 10 Dec 2021 10:43

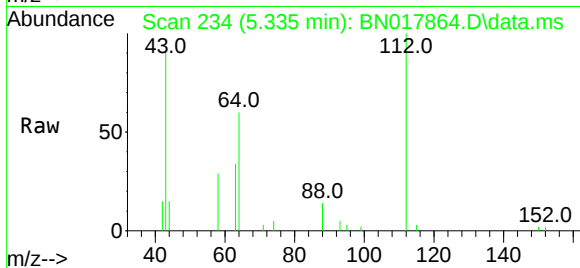
Tgt Ion: 88 Resp: 25371
Ion Ratio Lower Upper
88 100
43 53.8 0.0 0.0#
58 125.2 0.0 0.0#





#4
2-Fluorophenol
Concen: 0.100 ng
RT: 5.335 min Scan# 21
Delta R.T. 0.008 min
Lab File: BN017864.D
Acq: 10 Dec 2021 10:43

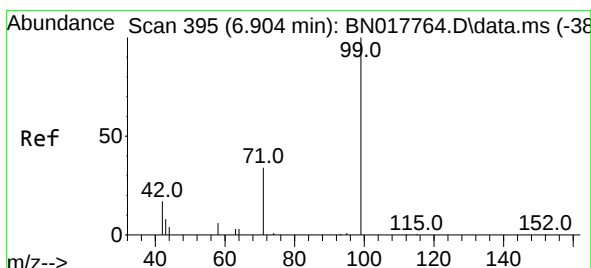
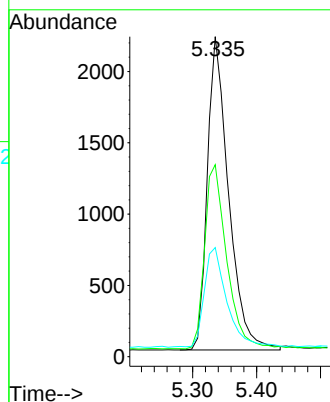
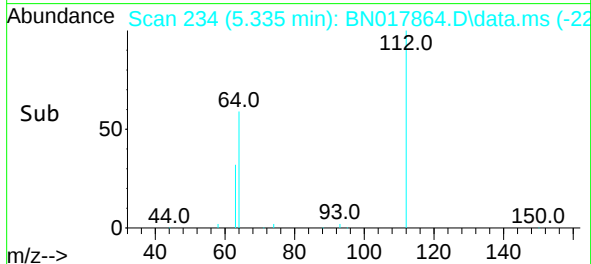
Instrument :
BNA_N
ClientSampleId :
RE105D2-20211201



Tgt Ion: 112 Resp: 5070
Ion Ratio Lower Upper
112 100
64 60.9 49.3 73.9
63 33.8 25.8 38.8

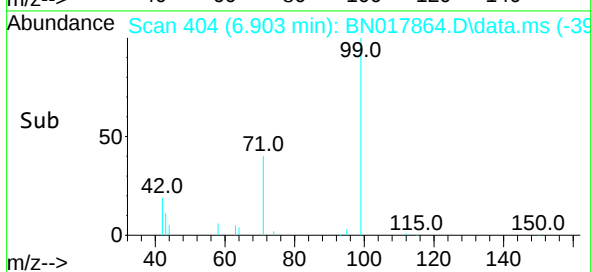
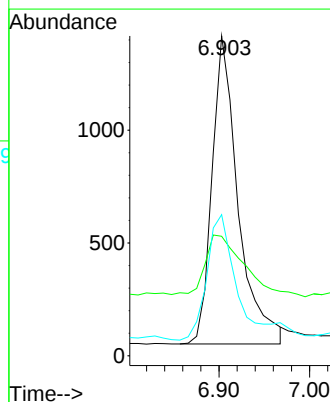
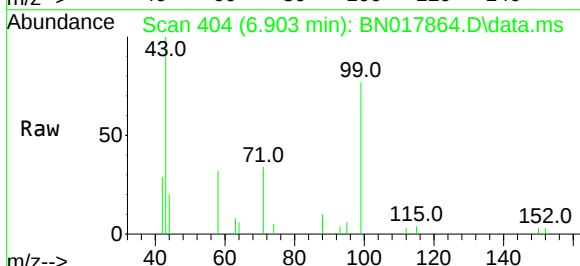
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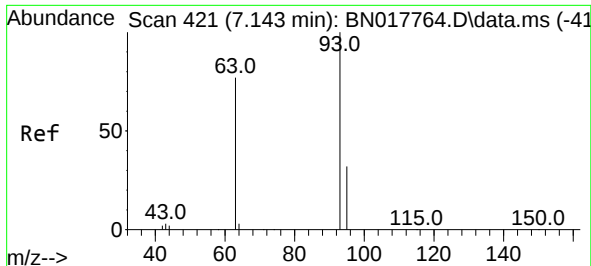
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#5
Phenol-d6
Concen: 0.057 ng
RT: 6.903 min Scan# 404
Delta R.T. -0.001 min
Lab File: BN017864.D
Acq: 10 Dec 2021 10:43

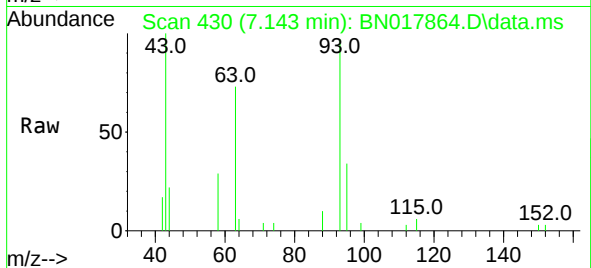
Tgt Ion: 99 Resp: 2734
Ion Ratio Lower Upper
99 100
42 27.1 16.6 25.0#
71 45.7 29.0 43.4#





#6
bis(2-Chloroethyl)ether
Concen: 0.056 ng
RT: 7.143 min Scan# 41
Delta R.T. -0.001 min
Lab File: BN017864.D
Acq: 10 Dec 2021 10:43

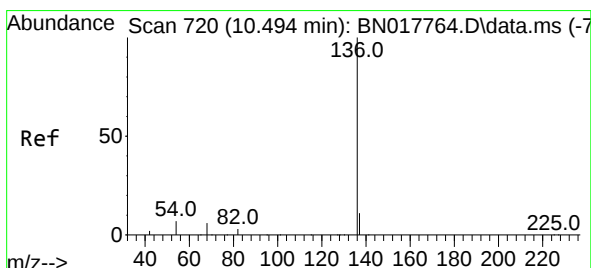
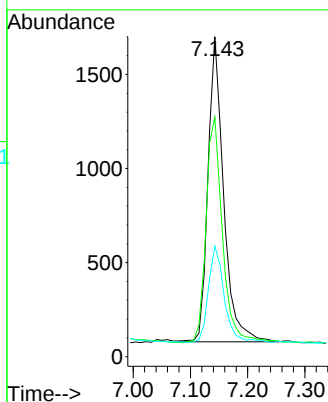
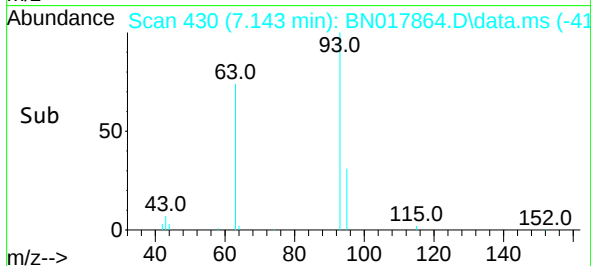
Instrument :
BNA_N
ClientSampleId :
RE105D2-20211201



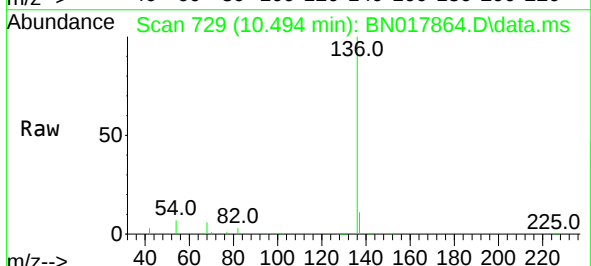
Tgt Ion: 93 Resp: 3069
Ion Ratio Lower Upper
93 100
63 78.3 62.0 93.0
95 32.6 26.4 39.6

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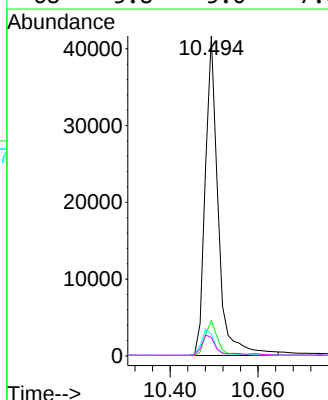
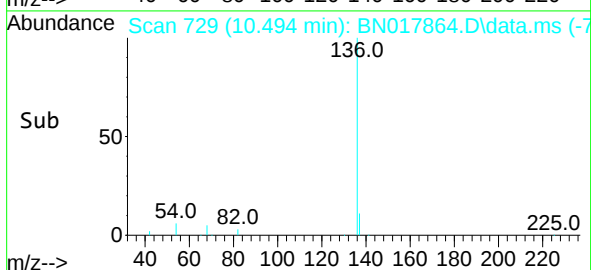
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021

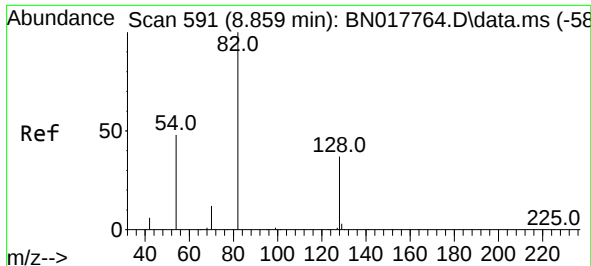


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.001 min
Lab File: BN017864.D
Acq: 10 Dec 2021 10:43



Tgt Ion:136 Resp: 84640
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.9 5.9 8.9
68 5.8 5.0 7.6





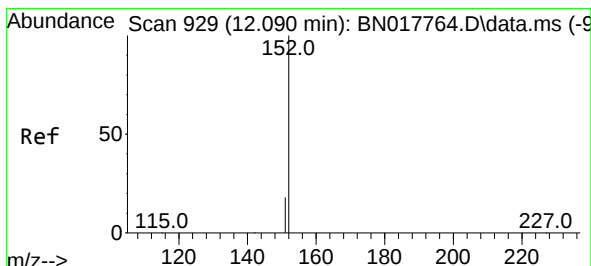
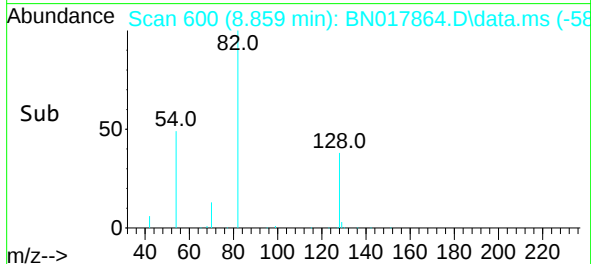
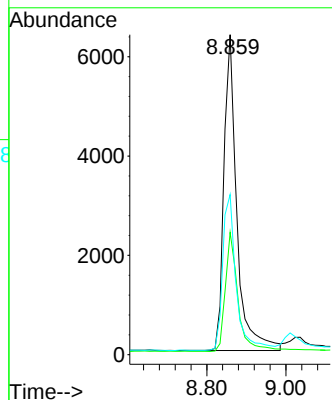
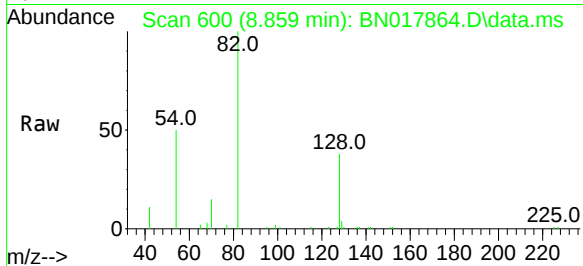
#8
Nitrobenzene-d5
Concen: 0.256 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.001 min
Lab File: BN017864.D
Acq: 10 Dec 2021 10:43

Instrument :
BNA_N
ClientSampleId :
RE105D2-20211201

Tgt Ion: 82 Resp: 1442
Ion Ratio Lower Upper
82 100
128 38.3 30.2 45.2
54 50.1 39.0 58.6

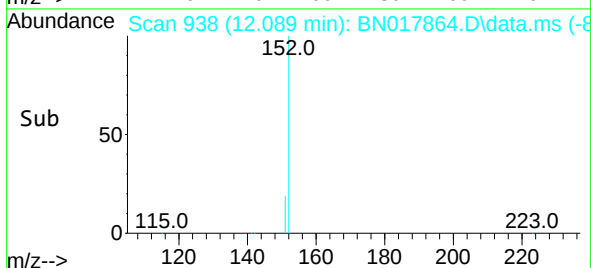
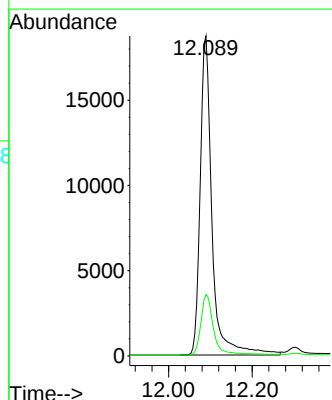
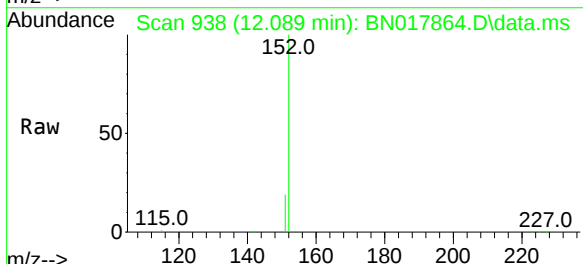
Manual Integrations
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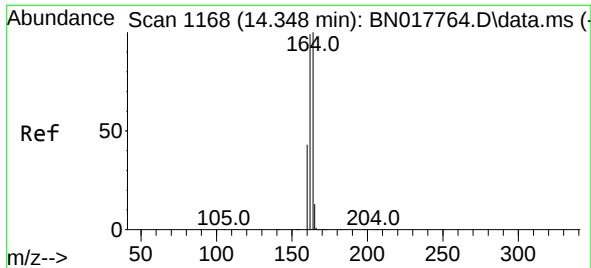
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#11
2-Methylnaphthalene-d10
Concen: 0.217 ng
RT: 12.089 min Scan# 938
Delta R.T. -0.001 min
Lab File: BN017864.D
Acq: 10 Dec 2021 10:43

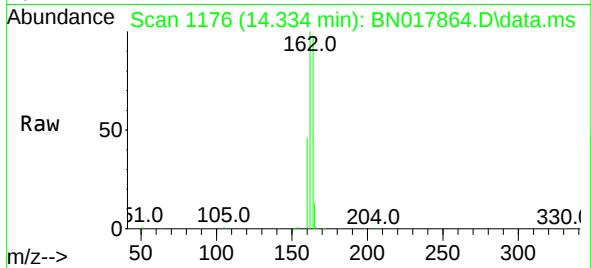
Tgt Ion:152 Resp: 36723
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1168
Delta R.T. -0.013 min
Lab File: BN017864.D
Acq: 10 Dec 2021 10:43

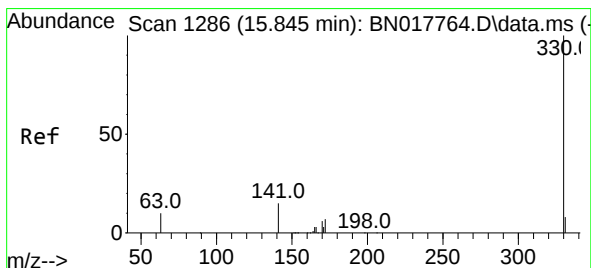
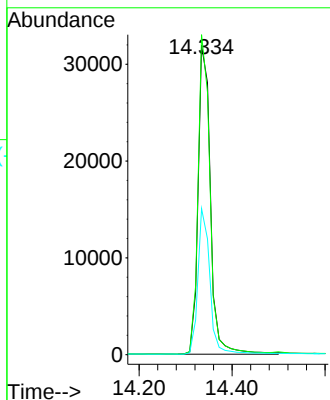
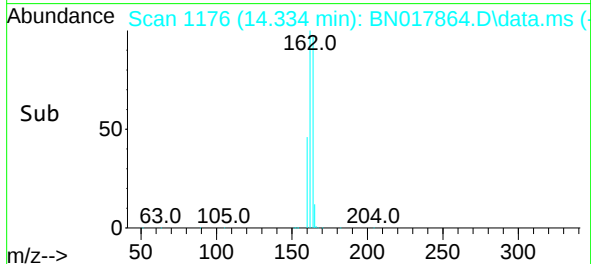
Instrument :
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RE105D2-20211201



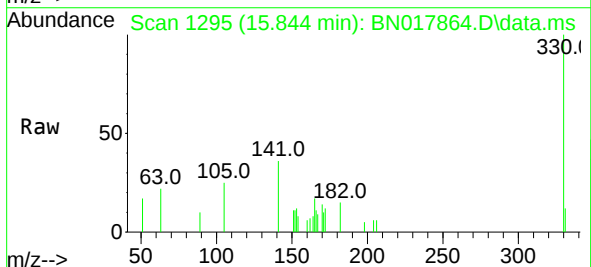
Tgt Ion:164 Resp: 58990
Ion Ratio Lower Upper
164 100
162 103.5 79.0 118.6
160 47.2 34.6 52.0

Manual Integrations
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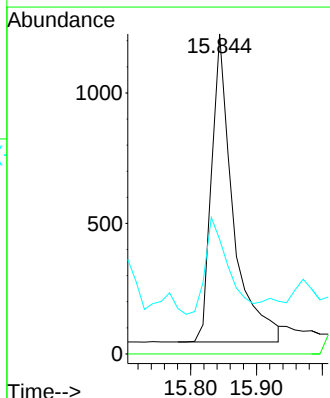
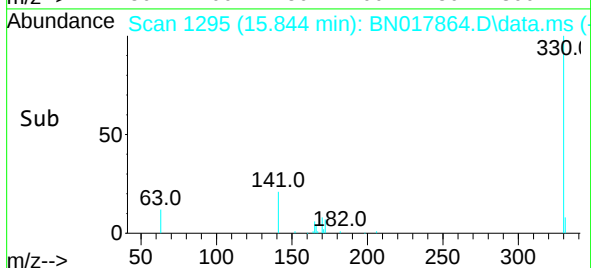
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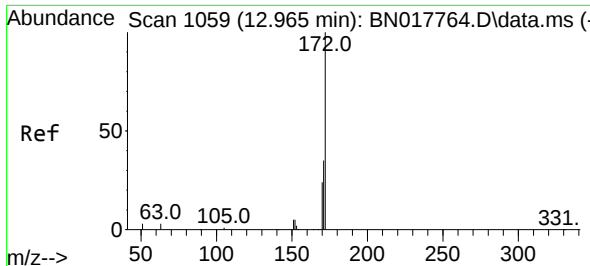


#14
2,4,6-Tribromophenol
Concen: 0.087 ng
RT: 15.844 min Scan# 1295
Delta R.T. -0.001 min
Lab File: BN017864.D
Acq: 10 Dec 2021 10:43



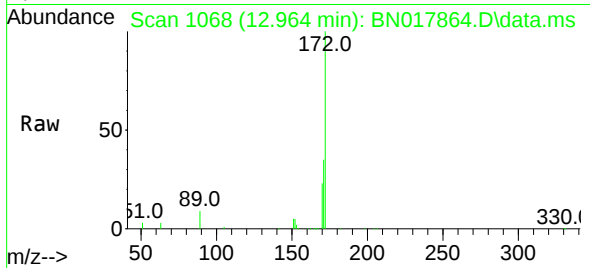
Tgt Ion:330 Resp: 2676
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 33.4 21.5 32.3#





#15
2-Fluorobiphenyl
Concen: 0.271 ng
RT: 12.964 min Scan# 1059
Delta R.T. -0.001 min
Lab File: BN017864.D
Acq: 10 Dec 2021 10:43

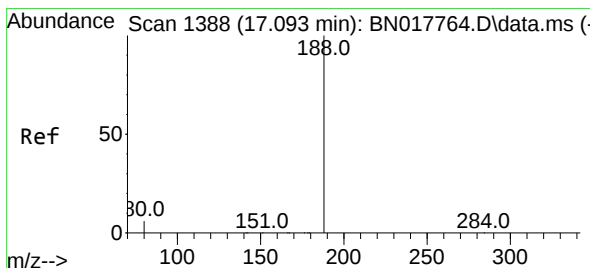
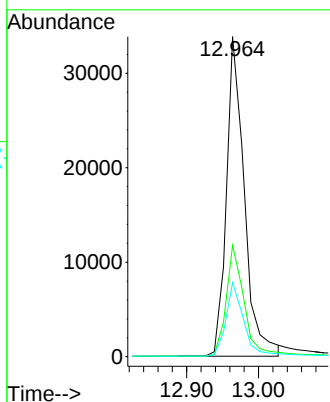
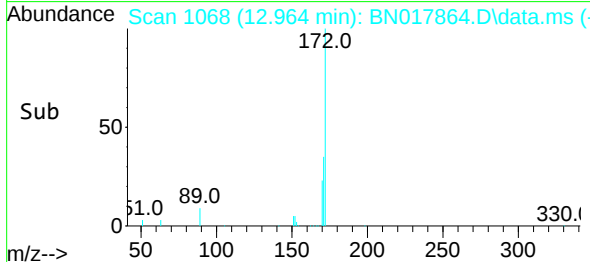
Instrument :
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RE105D2-20211201



Tgt Ion:172 Resp: 5853
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.1 18.9 28.3

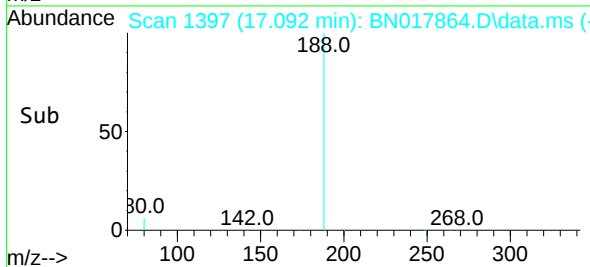
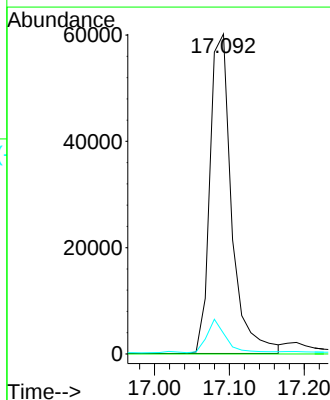
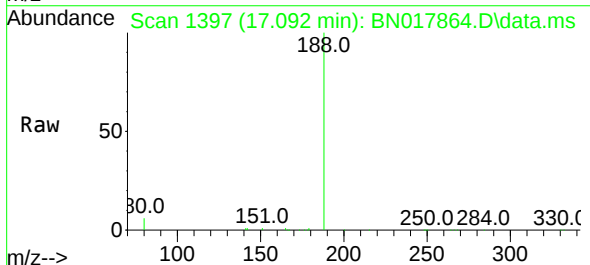
Manual Integrations
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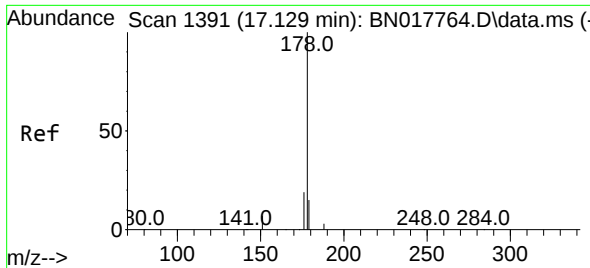
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.001 min
Lab File: BN017864.D
Acq: 10 Dec 2021 10:43

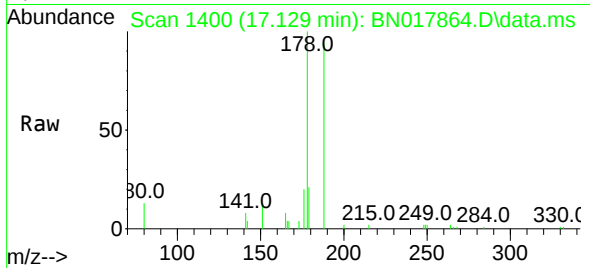
Tgt Ion:188 Resp: 121253
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.5 5.1 7.7





#25
Phenanthrene
Concen: 0.022 ng m
RT: 17.129 min Scan# 1400
Delta R.T. -0.001 min
Lab File: BN017864.D
Acq: 10 Dec 2021 10:43

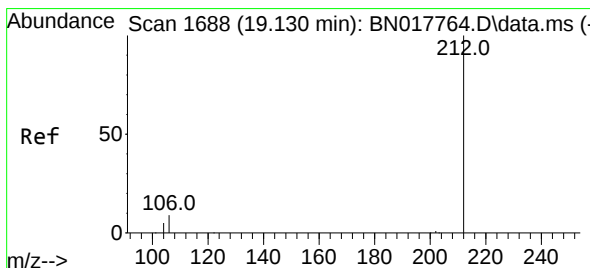
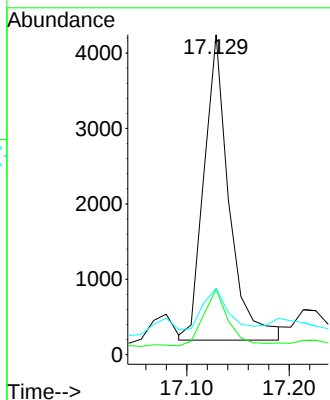
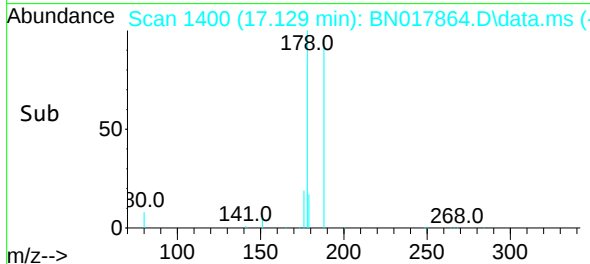
Instrument :
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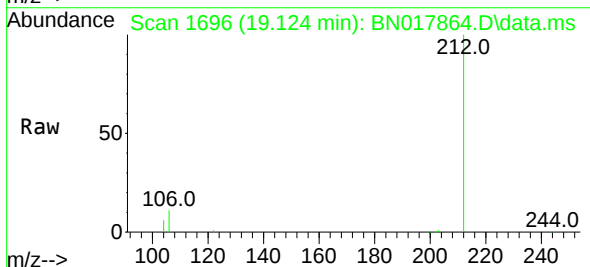
Tgt Ion:178 Resp: 6920
Ion Ratio Lower Upper
178 100
176 21.8 15.0 22.6
179 15.8 12.5 18.7

Manual Integrations
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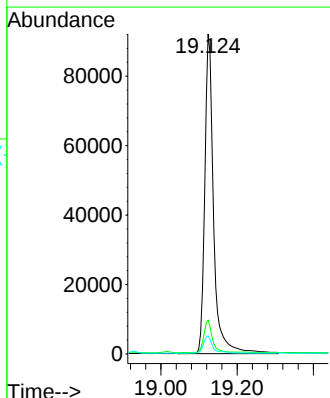
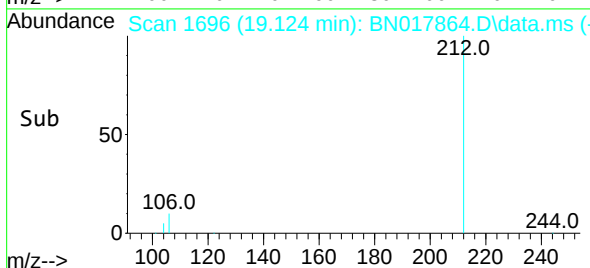
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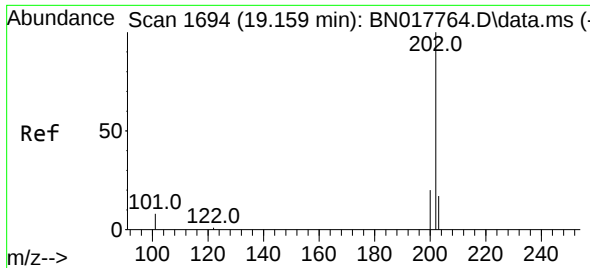


#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BN017864.D
Acq: 10 Dec 2021 10:43



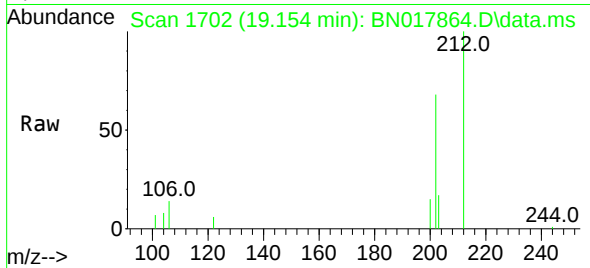
Tgt Ion:212 Resp: 148572
Ion Ratio Lower Upper
212 100
106 9.8 8.2 12.2
104 5.9 4.6 6.8





#28
Fluoranthene
Concen: 0.021 ng
RT: 19.154 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BN017864.D
Acq: 10 Dec 2021 10:43

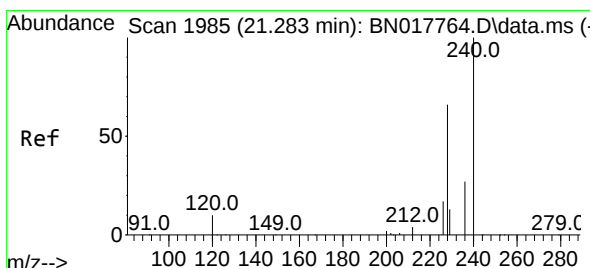
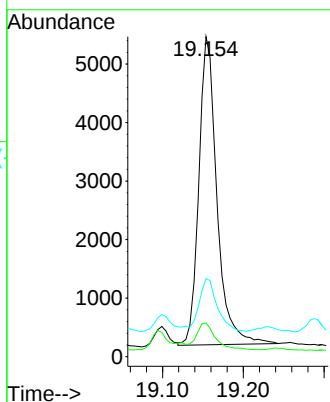
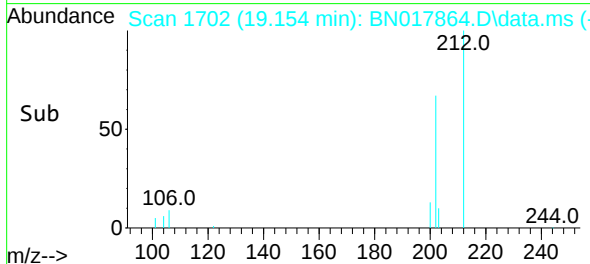
Instrument :
BNA_N
ClientSampleId :
RE105D2-20211201



Tgt Ion:202 Resp: 8209
Ion Ratio Lower Upper
202 100
101 9.7 7.2 10.8
203 17.7 13.7 20.5

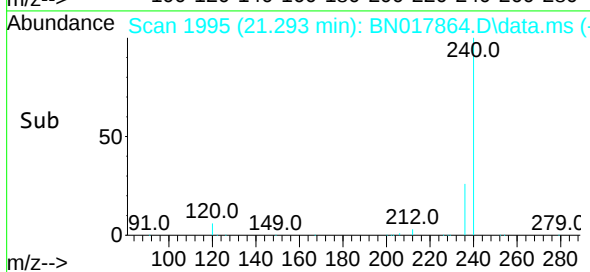
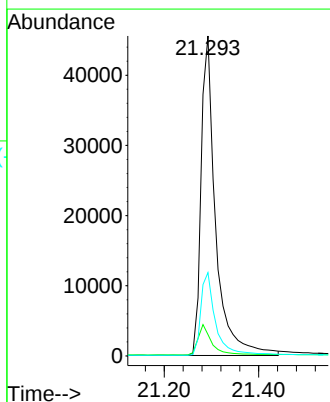
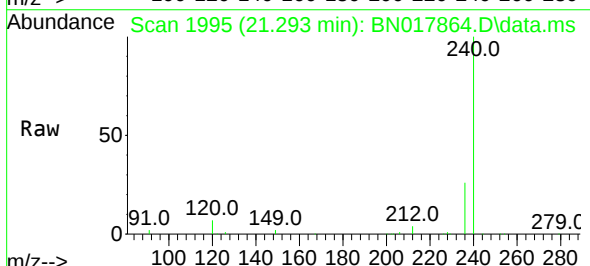
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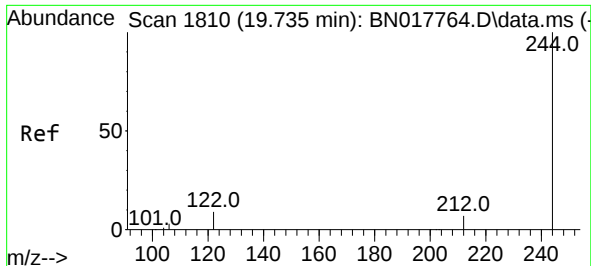
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.010 min
Lab File: BN017864.D
Acq: 10 Dec 2021 10:43

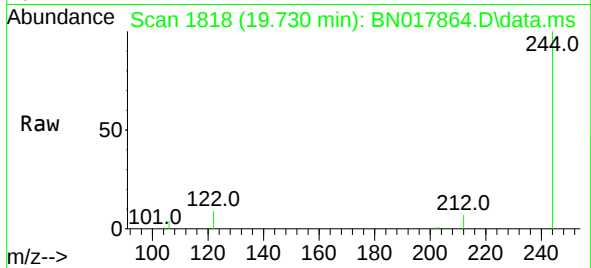
Tgt Ion:240 Resp: 97597
Ion Ratio Lower Upper
240 100
120 6.7 7.9 11.9#
236 26.1 21.4 32.2





#31
 Terphenyl-d14
 Concen: 0.567 ng
 RT: 19.730 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BN017864.D
 Acq: 10 Dec 2021 10:43

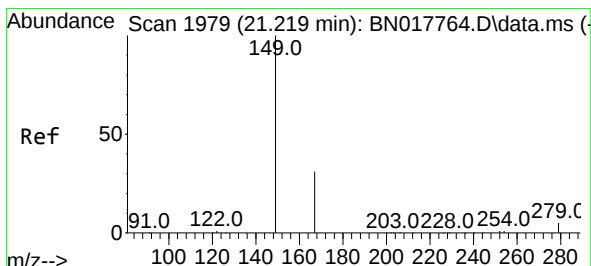
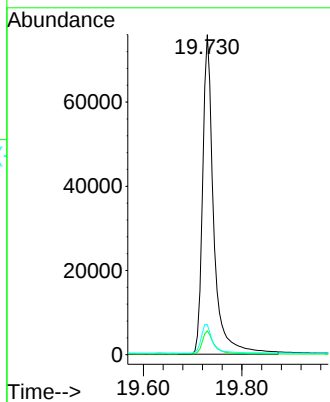
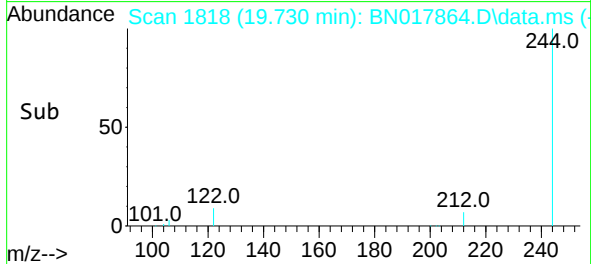
Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20211201



Tgt Ion:244 Resp: 118854
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 9.4 7.1 10.7

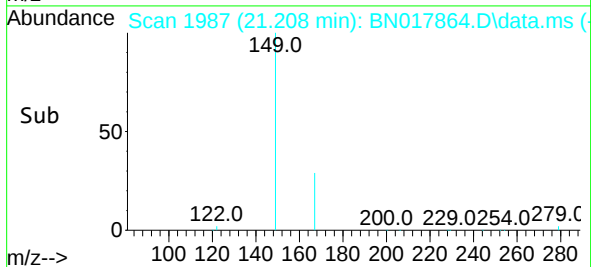
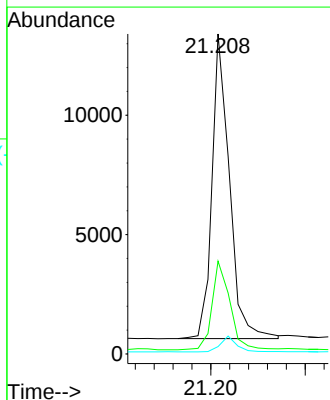
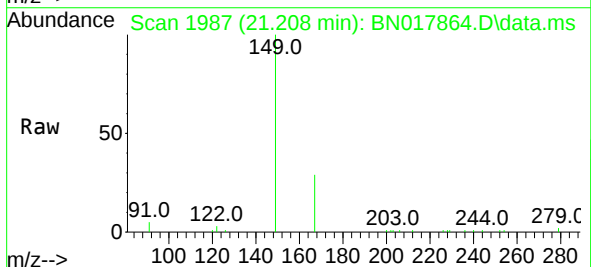
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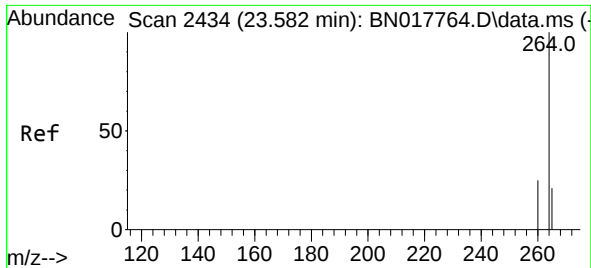
Reviewed By :Jagrut Upadhyay 12/14/2021
 Supervised By :Yogesh Patel 12/15/2021



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.120 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. -0.011 min
 Lab File: BN017864.D
 Acq: 10 Dec 2021 10:43

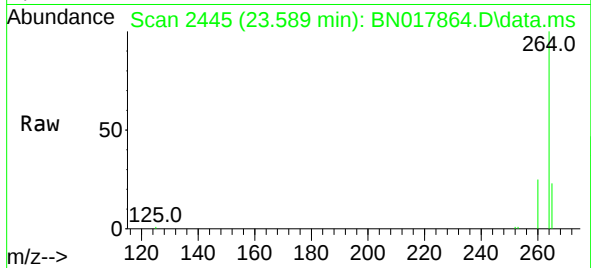
Tgt Ion:149 Resp: 16362
 Ion Ratio Lower Upper
 149 100
 167 29.8 23.5 35.3
 279 4.9 3.8 5.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.589 min Scan# 24
 Delta R.T. 0.006 min
 Lab File: BN017864.D
 Acq: 10 Dec 2021 10:43

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20211201



Tgt Ion:264 Resp: 65190
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.0 30.0
 265 22.7 20.5 30.7

Manual Integrations
 APPROVED

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

