

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017861.D
 Acq On : 10 Dec 2021 08:54
 Operator : CG/JU
 Sample : M4923-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20211201

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 01:11:24 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	19266	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	82242	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	55122	0.400	ng	-0.01
19) Phenanthrene-d10	17.080	188	108842	0.400	ng	#-0.01
29) Chrysene-d12	21.293	240	92447	0.400	ng	# 0.01
35) Perylene-d12	23.585	264	65658	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	4565	0.098	ng	0.00
5) Phenol-d6	6.903	99	2911	0.066	ng	0.00
8) Nitrobenzene-d5	8.859	82	16154	0.295	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	40039	0.244	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	5266	0.183	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	67148	0.333	ng	0.00
27) Fluoranthene-d10	19.124	212	116578	0.320	ng	0.00
31) Terphenyl-d14	19.730	244	117741	0.593	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	61498m	8.672	ng	
25) Phenanthrene	17.129	178	22236	0.078	ng	96
28) Fluoranthene	19.154	202	22141	0.064	ng	99
30) Pyrene	19.516	202	12167	0.042	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.208	149	26395	0.205	ng	100

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

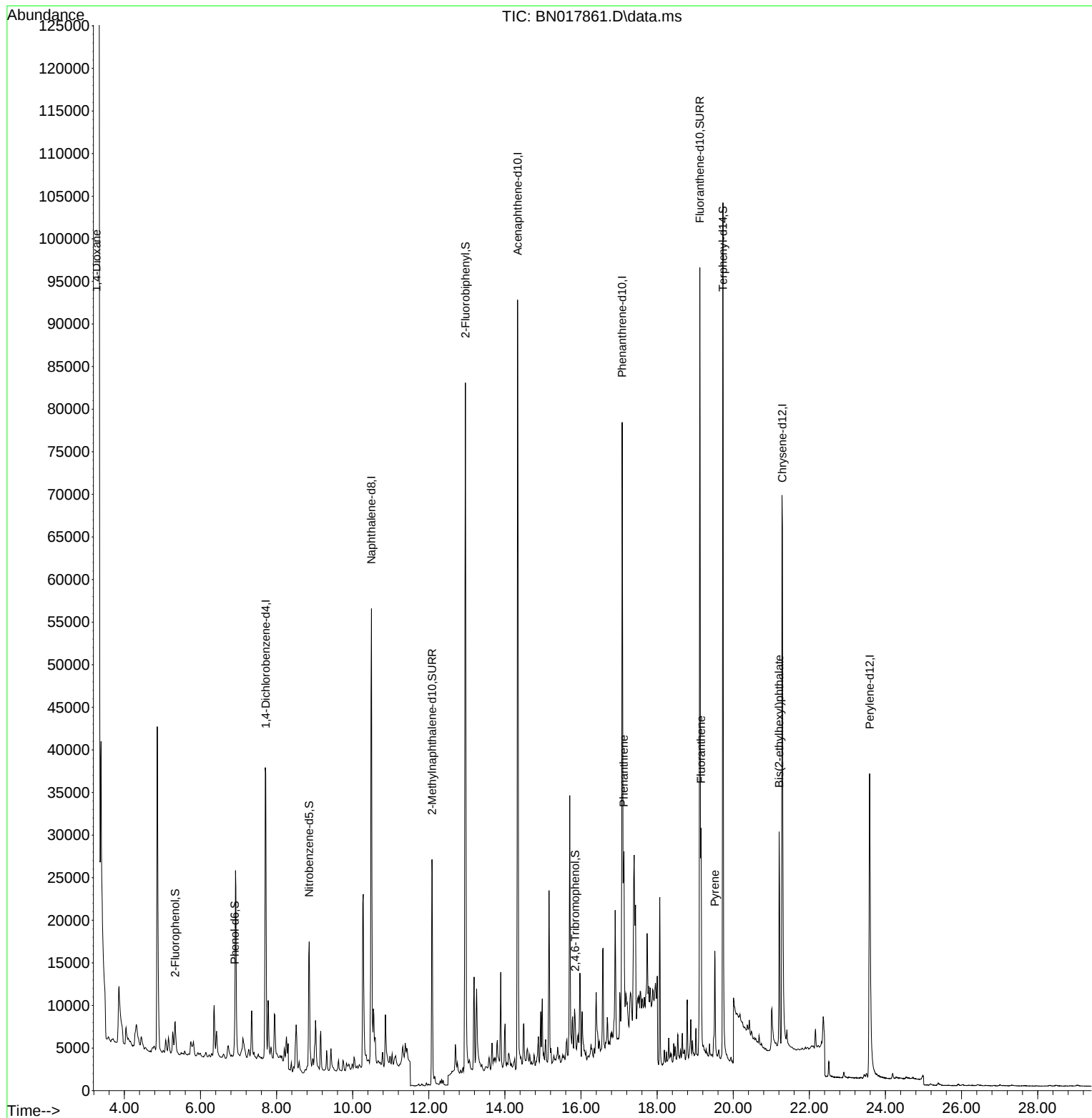
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
Data File : BN017861.D
Acq On : 10 Dec 2021 08:54
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Sample : M4923-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

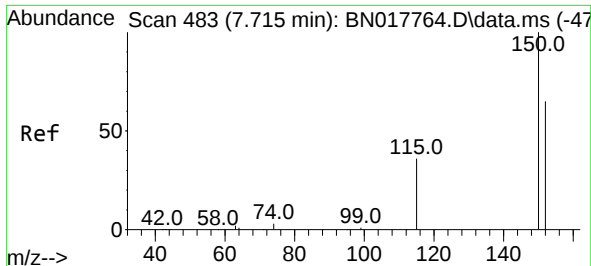
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RE120D1-20211201

Quant Time: Dec 11 01:11:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
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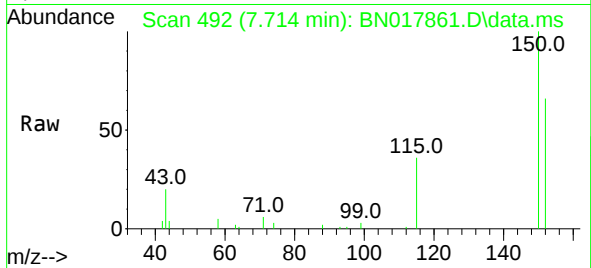
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.714 min Scan# 49
Delta R.T. -0.001 min
Lab File: BN017861.D
Acq: 10 Dec 2021 08:54

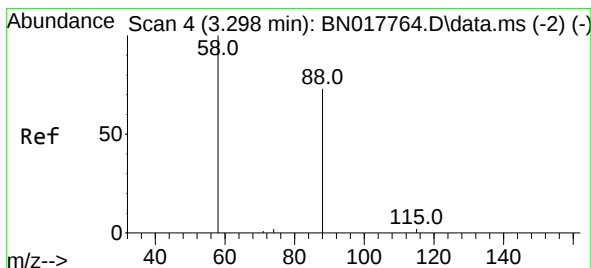
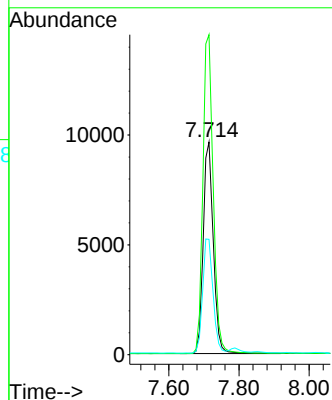
Instrument :
BNA_N
ClientSampleId :
RE120D1-20211201



Tgt Ion:152 Resp: 19260
Ion Ratio Lower Upper
152 100
150 150.5 123.0 184.4
115 54.2 45.3 67.9

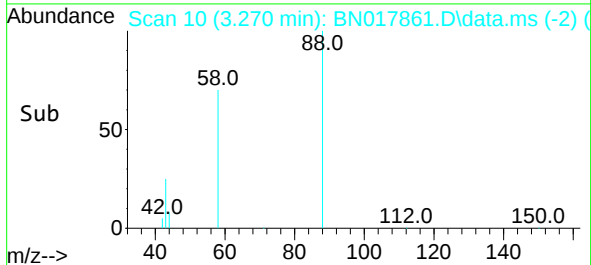
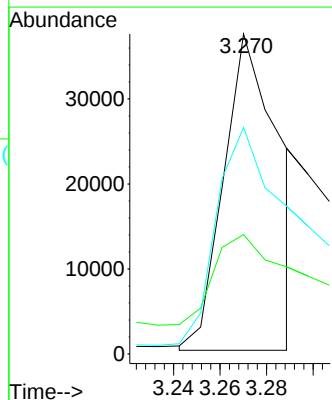
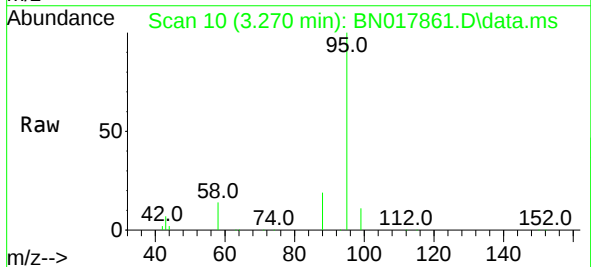
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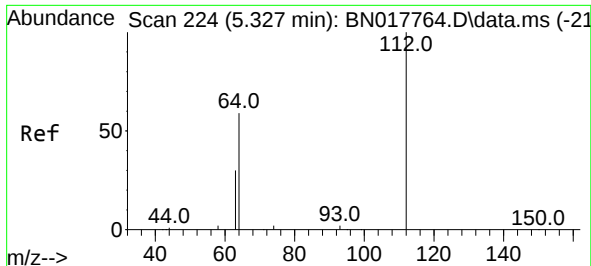
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#2
1,4-Dioxane
Concen: 8.672 ng m
RT: 3.270 min Scan# 10
Delta R.T. -0.028 min
Lab File: BN017861.D
Acq: 10 Dec 2021 08:54

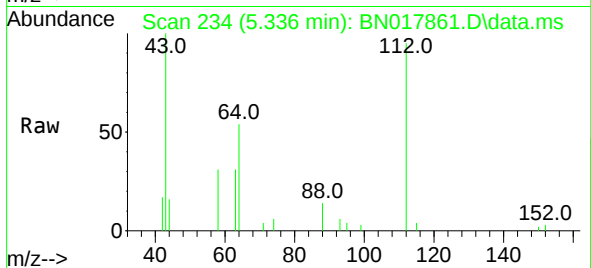
Tgt Ion: 88 Resp: 61498
Ion Ratio Lower Upper
88 100
43 48.8 0.0 0.0#
58 115.5 0.0 0.0#





#4
2-Fluorophenol
Concen: 0.098 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017861.D
Acq: 10 Dec 2021 08:54

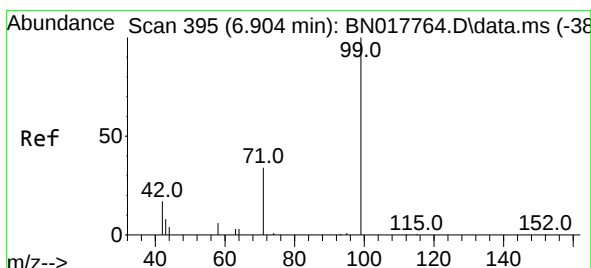
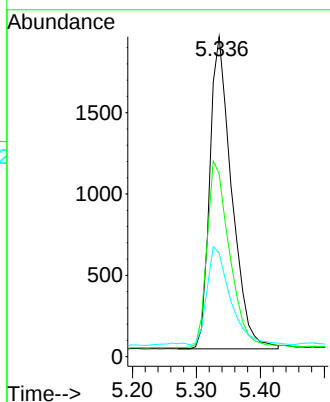
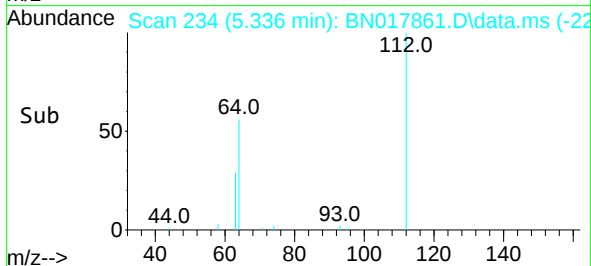
Instrument :
BNA_N
ClientSampleId :
RE120D1-20211201



Tgt Ion: 112 Resp: 456
Ion Ratio Lower Upper
112 100
64 61.6 49.3 73.9
63 33.1 25.8 38.8

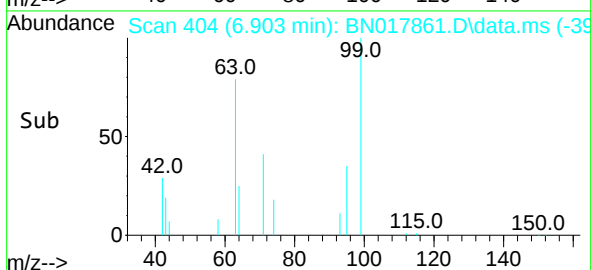
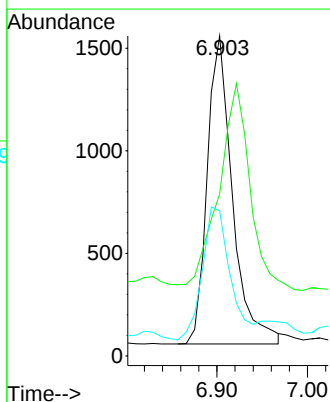
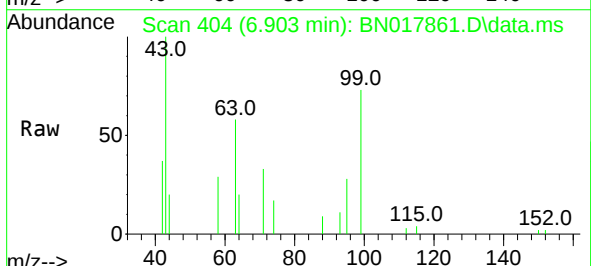
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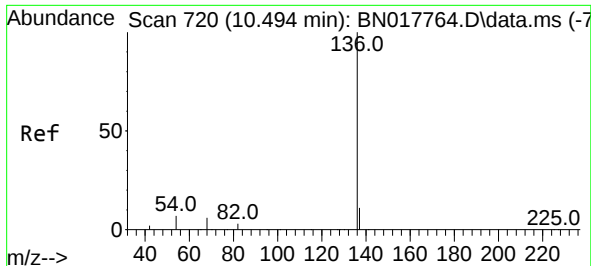
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#5
Phenol-d6
Concen: 0.066 ng
RT: 6.903 min Scan# 404
Delta R.T. -0.001 min
Lab File: BN017861.D
Acq: 10 Dec 2021 08:54

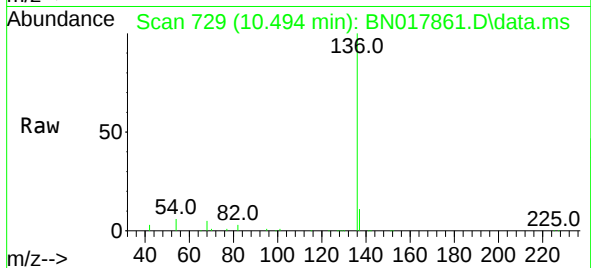
Tgt Ion: 99 Resp: 2911
Ion Ratio Lower Upper
99 100
42 0.0 16.6 25.0#
71 47.9 29.0 43.4#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 71
Delta R.T. -0.001 min
Lab File: BN017861.D
Acq: 10 Dec 2021 08:54

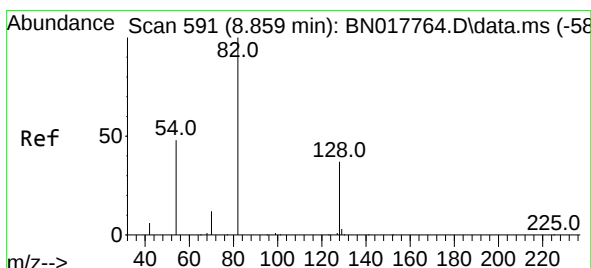
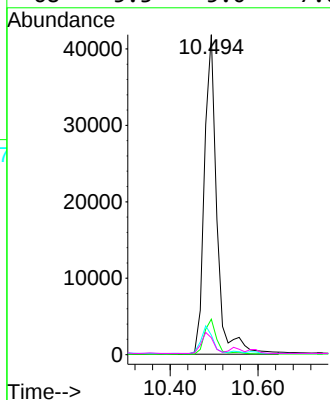
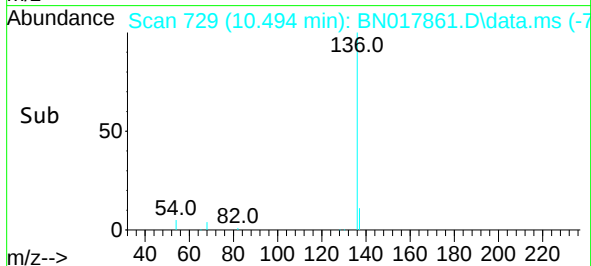
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:136	Resp:	8224
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	6.1	5.9 8.9
68	5.3	5.0 7.6

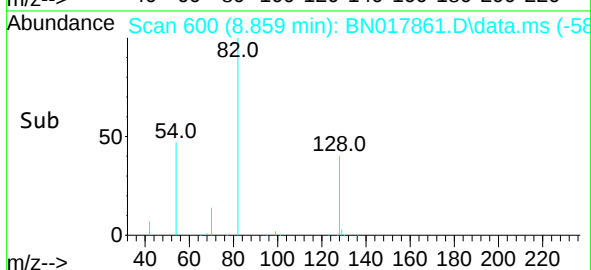
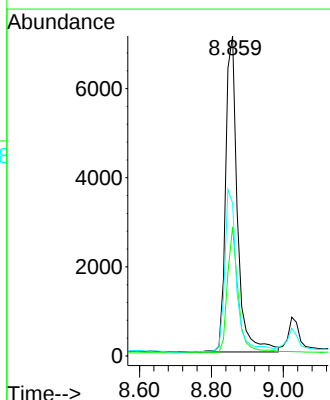
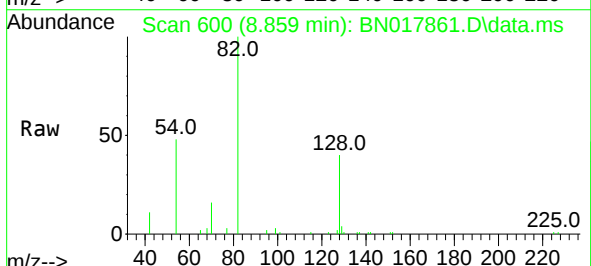
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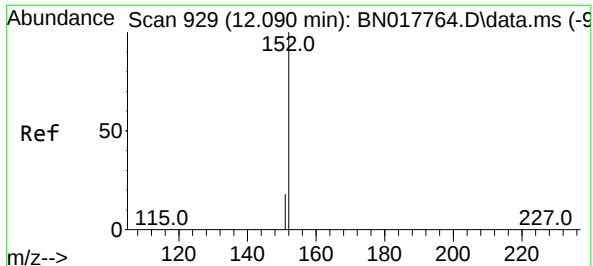
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.001 min
Lab File: BN017861.D
Acq: 10 Dec 2021 08:54

Tgt Ion: 82	Resp:	16154
Ion Ratio	Lower	Upper
82	100	
128	40.3	30.2 45.2
54	47.7	39.0 58.6





#11

2-Methylnaphthalene-d10

Concen: 0.244 ng

RT: 12.085 min Scan# 91

Delta R.T. -0.005 min

Lab File: BN017861.D

Acq: 10 Dec 2021 08:54

Instrument :

BNA_N

ClientSampleId :

RE120D1-20211201

Tgt Ion:152 Resp: 40039

Ion Ratio Lower Upper

152 100

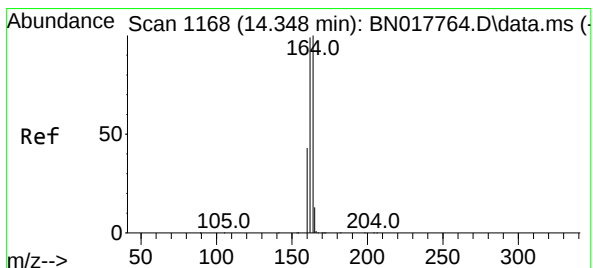
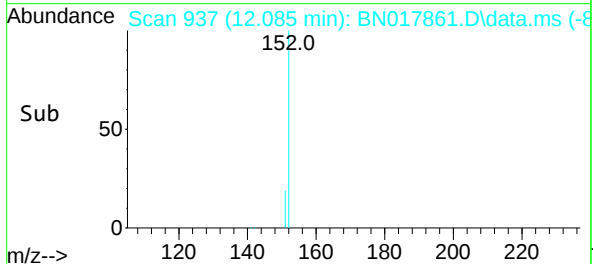
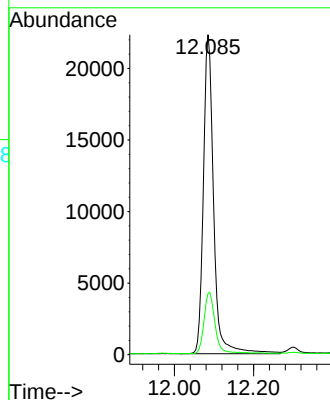
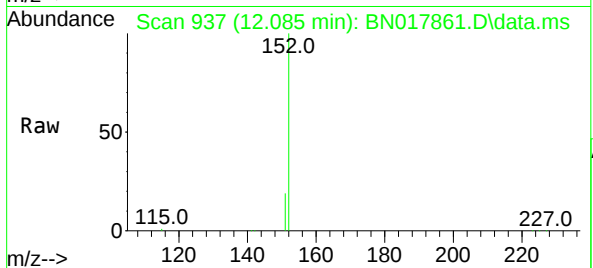
151 21.0 16.4 24.6

Manual Integrations

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Supervised By :Yogesh Patel 12/15/2021



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.334 min Scan# 1176

Delta R.T. -0.013 min

Lab File: BN017861.D

Acq: 10 Dec 2021 08:54

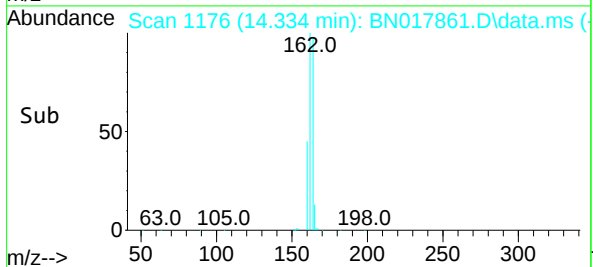
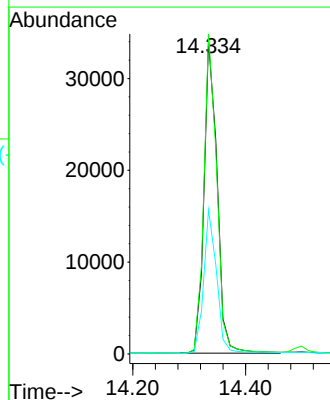
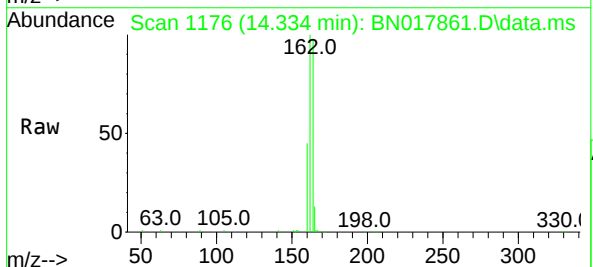
Tgt Ion:164 Resp: 55122

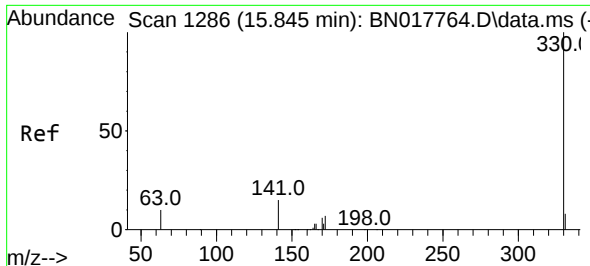
Ion Ratio Lower Upper

164 100

162 102.3 79.0 118.6

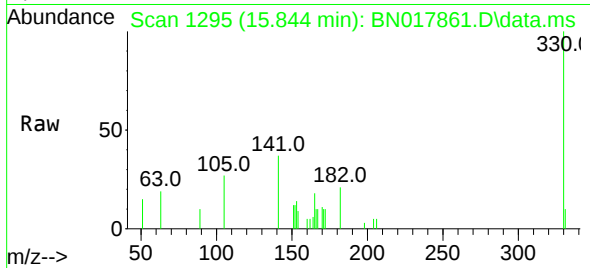
160 46.1 34.6 52.0





#14
2,4,6-Tribromophenol
Concen: 0.183 ng
RT: 15.844 min Scan# 1067
Delta R.T. -0.001 min
Lab File: BN017861.D
Acq: 10 Dec 2021 08:54

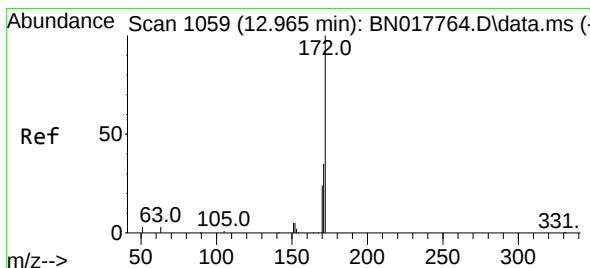
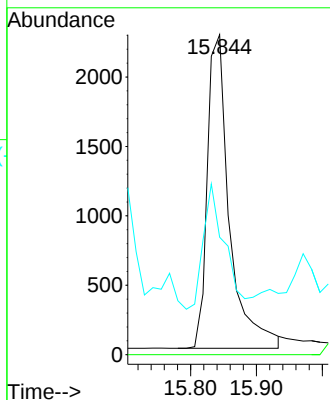
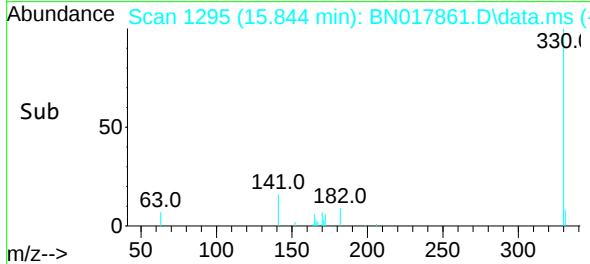
Instrument :
BNA_N
ClientSampleId :
RE120D1-20211201



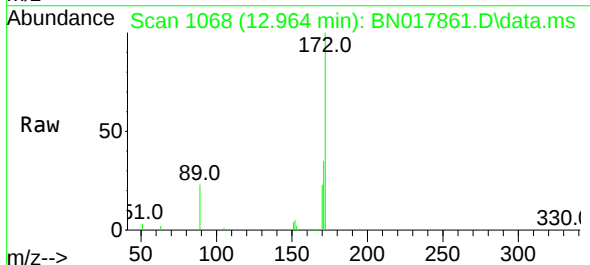
Tgt Ion:330 Resp: 5260
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.8 21.5 32.3

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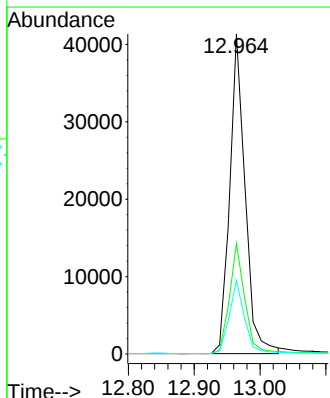
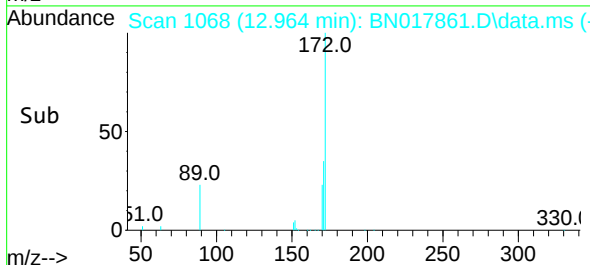
Reviewed By :Jagrut Upadhyay 12/14/2021
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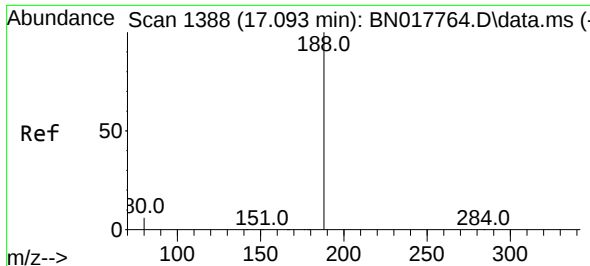


#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.001 min
Lab File: BN017861.D
Acq: 10 Dec 2021 08:54



Tgt Ion:172 Resp: 67148
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.1 18.9 28.3





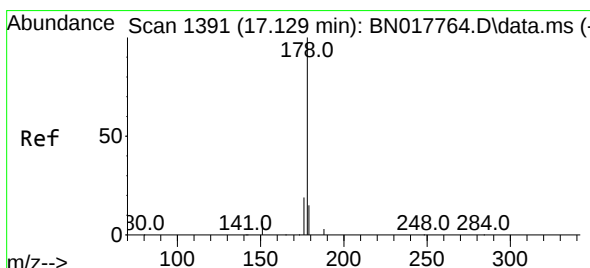
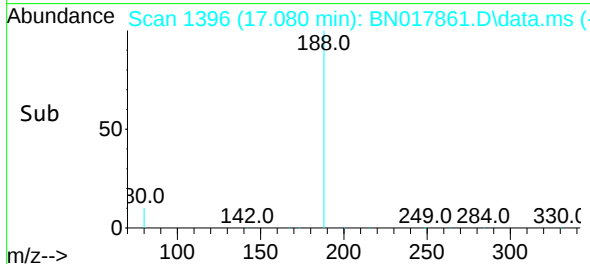
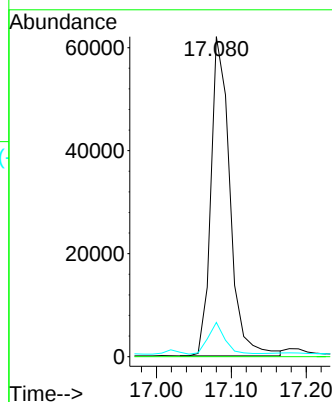
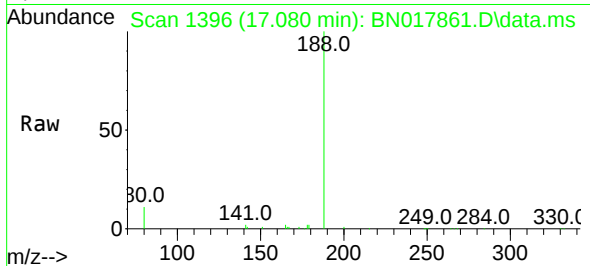
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.080 min Scan# 1400
Delta R.T. -0.013 min
Lab File: BN017861.D
Acq: 10 Dec 2021 08:54

Instrument :
BNA_N
ClientSampleId :
RE120D1-20211201

Tgt Ion:188 Resp: 10884
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.7 5.1 7.7

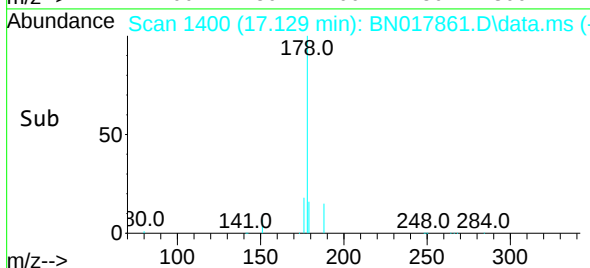
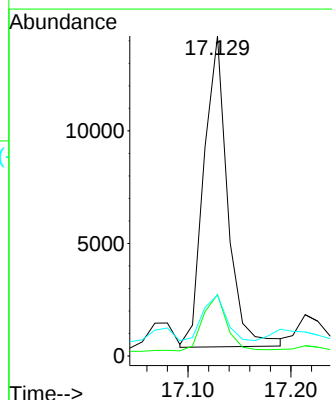
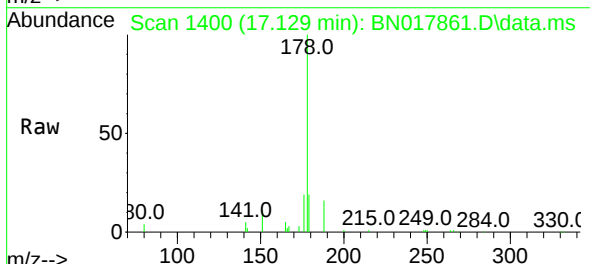
Manual Integrations
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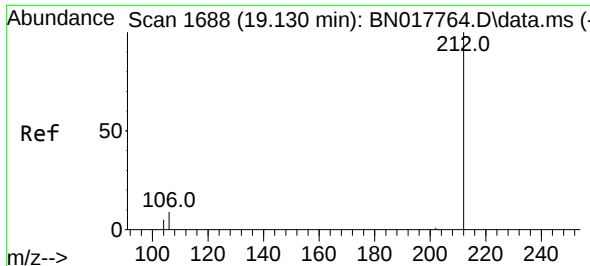
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#25
Phenanthrene
Concen: 0.078 ng
RT: 17.129 min Scan# 1400
Delta R.T. -0.001 min
Lab File: BN017861.D
Acq: 10 Dec 2021 08:54

Tgt Ion:178 Resp: 22236
Ion Ratio Lower Upper
178 100
176 21.1 15.0 22.6
179 14.9 12.5 18.7





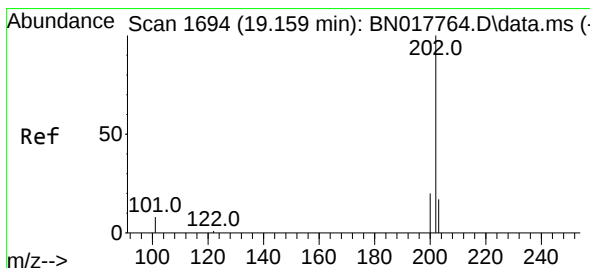
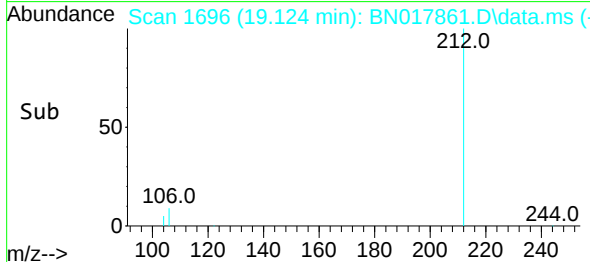
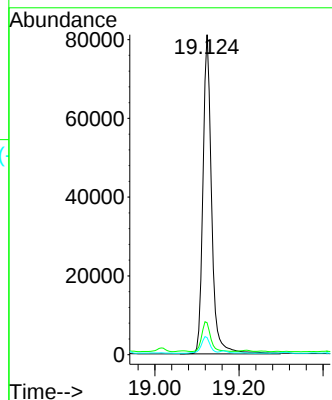
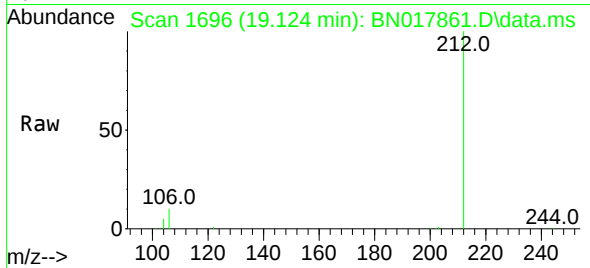
#27
Fluoranthene-d10
Concen: 0.320 ng
RT: 19.124 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BN017861.D
Acq: 10 Dec 2021 08:54

Instrument :
BNA_N
ClientSampleId :
RE120D1-20211201

Tgt Ion:212 Resp: 116578
Ion Ratio Lower Upper
212 100
106 9.6 8.2 12.2
104 5.3 4.6 6.8

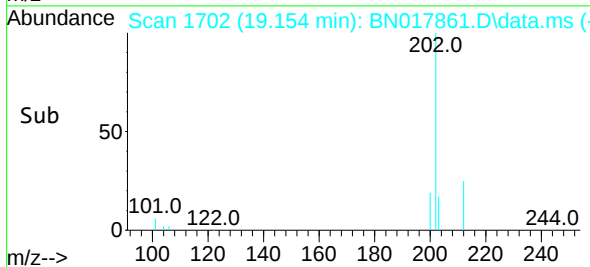
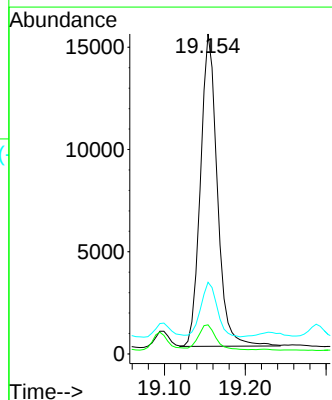
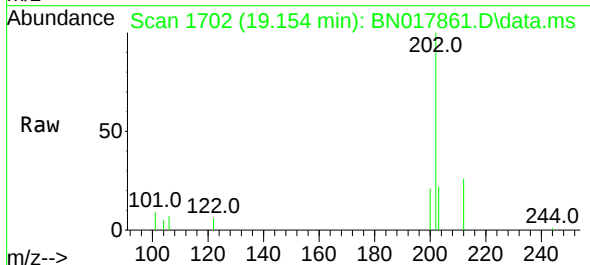
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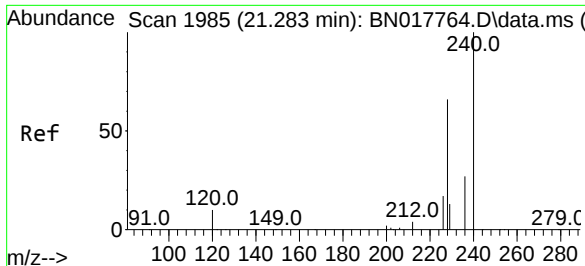
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#28
Fluoranthene
Concen: 0.064 ng
RT: 19.154 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BN017861.D
Acq: 10 Dec 2021 08:54

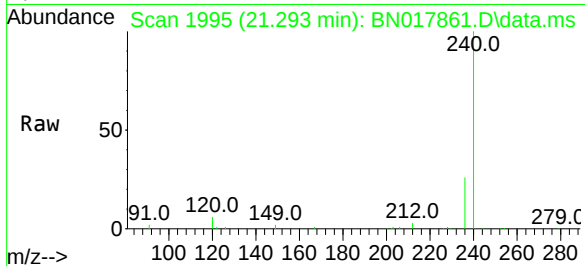
Tgt Ion:202 Resp: 22141
Ion Ratio Lower Upper
202 100
101 8.5 7.2 10.8
203 17.2 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1985
Delta R.T. 0.010 min
Lab File: BN017861.D
Acq: 10 Dec 2021 08:54

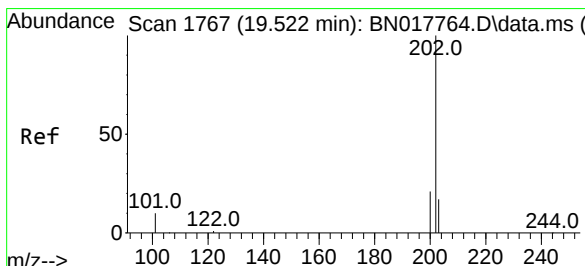
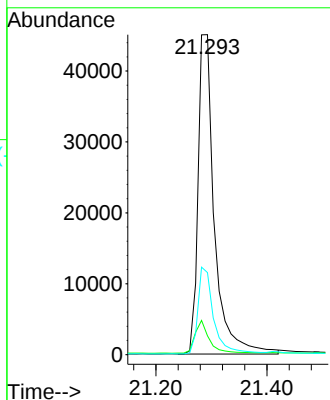
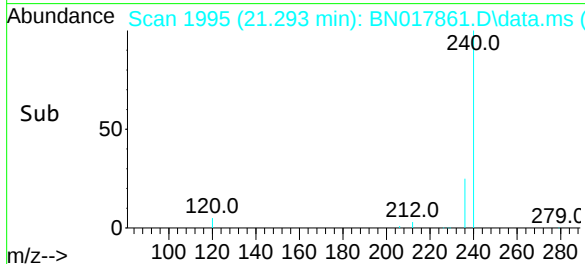
Instrument :
BNA_N
ClientSampleId :
RE120D1-20211201



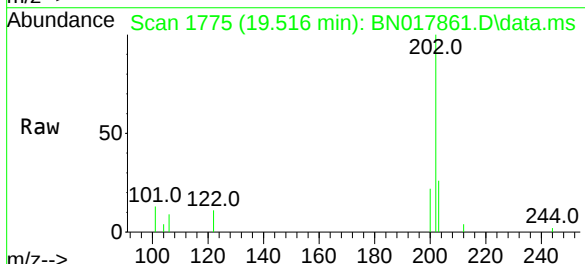
Tgt Ion:240 Resp: 9244
Ion Ratio Lower Upper
240 100
120 5.9 7.9 11.9
236 25.7 21.4 32.2

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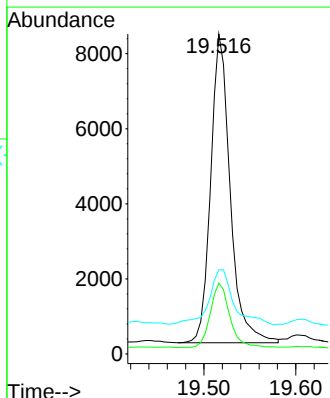
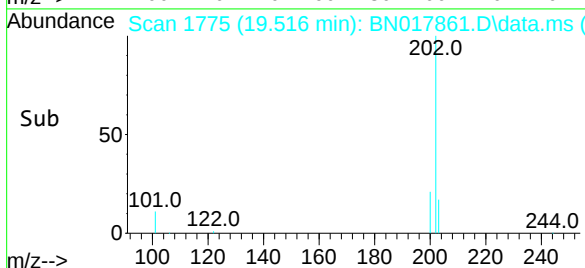
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021

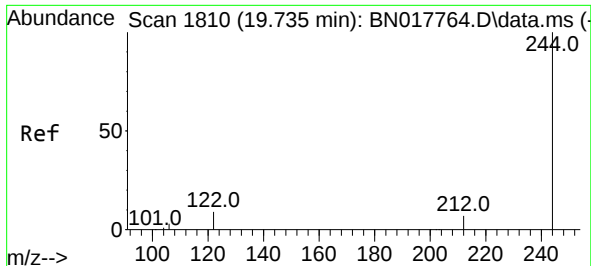


#30
Pyrene
Concen: 0.042 ng
RT: 19.516 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BN017861.D
Acq: 10 Dec 2021 08:54



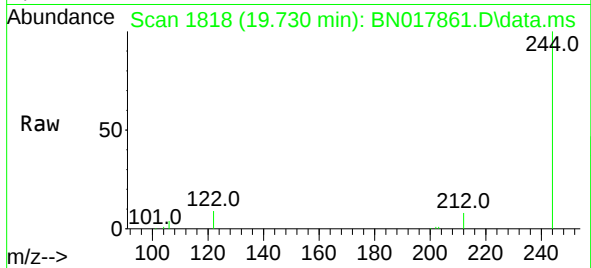
Tgt Ion:202 Resp: 12167
Ion Ratio Lower Upper
202 100
200 21.1 16.5 24.7
203 22.7 14.0 21.0





#31
Terphenyl-d14
Concen: 0.593 ng
RT: 19.730 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN017861.D
Acq: 10 Dec 2021 08:54

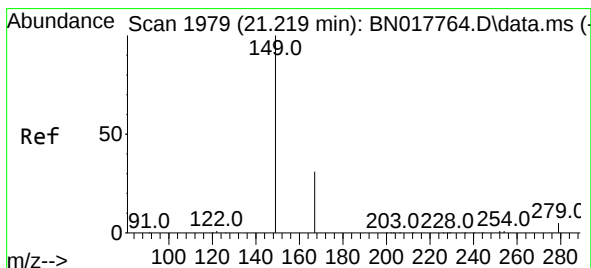
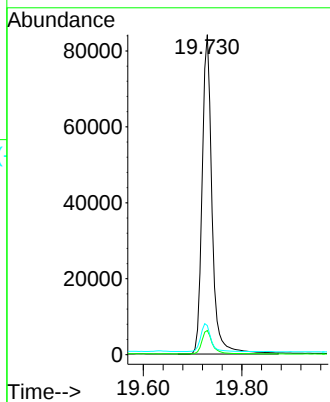
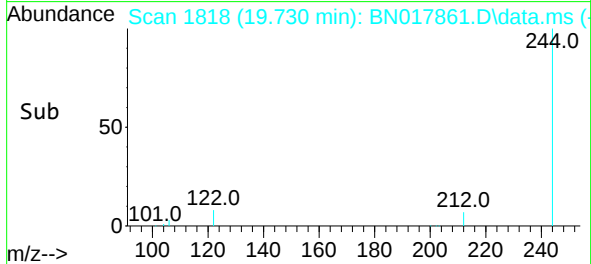
Instrument :
BNA_N
ClientSampleId :
RE120D1-20211201



Tgt Ion:244 Resp: 11774
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.8
122 9.1 7.1 10.7

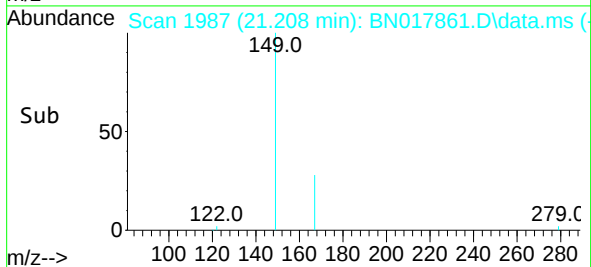
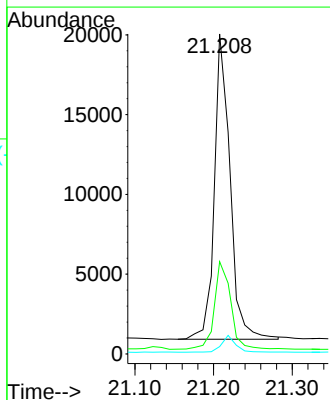
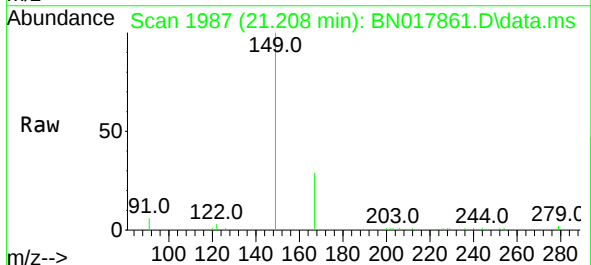
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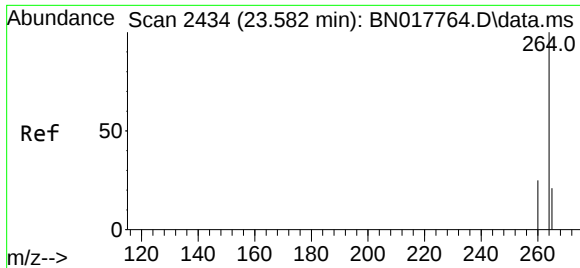
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.205 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.011 min
Lab File: BN017861.D
Acq: 10 Dec 2021 08:54

Tgt Ion:149 Resp: 26395
Ion Ratio Lower Upper
149 100
167 29.5 23.5 35.3
279 5.0 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: BN017861.D

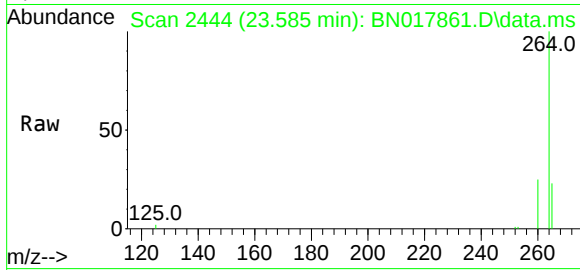
Acq: 10 Dec 2021 08:54

Instrument :

BNA_N

ClientSampleId :

RE120D1-20211201



Tgt Ion:264 Resp: 65658

Ion Ratio Lower Upper

264 100

260 24.8 20.0 30.0

265 22.8 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2021

Supervised By :Yogesh Patel 12/15/2021

