

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050322\
 Data File : BN019654.D
 Acq On : 03 May 2022 18:25
 Operator : CG/JU
 Sample : N2640-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MWBR3D-B-480-500-042922

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/04/2022
 Supervised By : Jagrut Upadhyay 05/05/2022

Quant Time: May 04 07:33:49 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 02:56:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	3817	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	10547	0.400	ng	#-0.01
13) Acenaphthene-d10	14.484	164	5525	0.400	ng	-0.01
19) Phenanthrene-d10	17.225	188	10896	0.400	ng	-0.01
29) Chrysene-d12	21.413	240	10101	0.400	ng	# 0.00
35) Perylene-d12	23.758	264	8334	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.457	112	1043	0.111	ng	0.00
5) Phenol-d6	7.038	99	724	0.064	ng	0.00
8) Nitrobenzene-d5	9.014	82	2083m	0.278	ng	-0.01
11) 2-Methylnaphthalene-d10	12.246	152	4606	0.281	ng	-0.01
14) 2,4,6-Tribromophenol	15.974	330	394	0.223	ng	-0.01
15) 2-Fluorobiphenyl	13.116	172	6092	0.258	ng	-0.01
27) Fluoranthene-d10	19.253	212	9833	0.317	ng	0.00
31) Terphenyl-d14	19.855	244	5411	0.244	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	46491m	10.420	ng	
9) Naphthalene	10.712	128	986	0.033	ng	# 75
12) 2-Methylnaphthalene	12.318	142	790	0.042	ng	# 78
25) Phenanthrene	17.266	178	1133m	0.031	ng	
28) Fluoranthene	19.282	202	1194	0.030	ng	# 93
30) Pyrene	19.649	202	1275	0.031	ng	# 96
33) Chrysene	21.449	228	820	0.021	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.333	149	8573	0.514	ng	99
37) Benzo(b)fluoranthene	23.045	252	746	0.022	ng	# 1

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

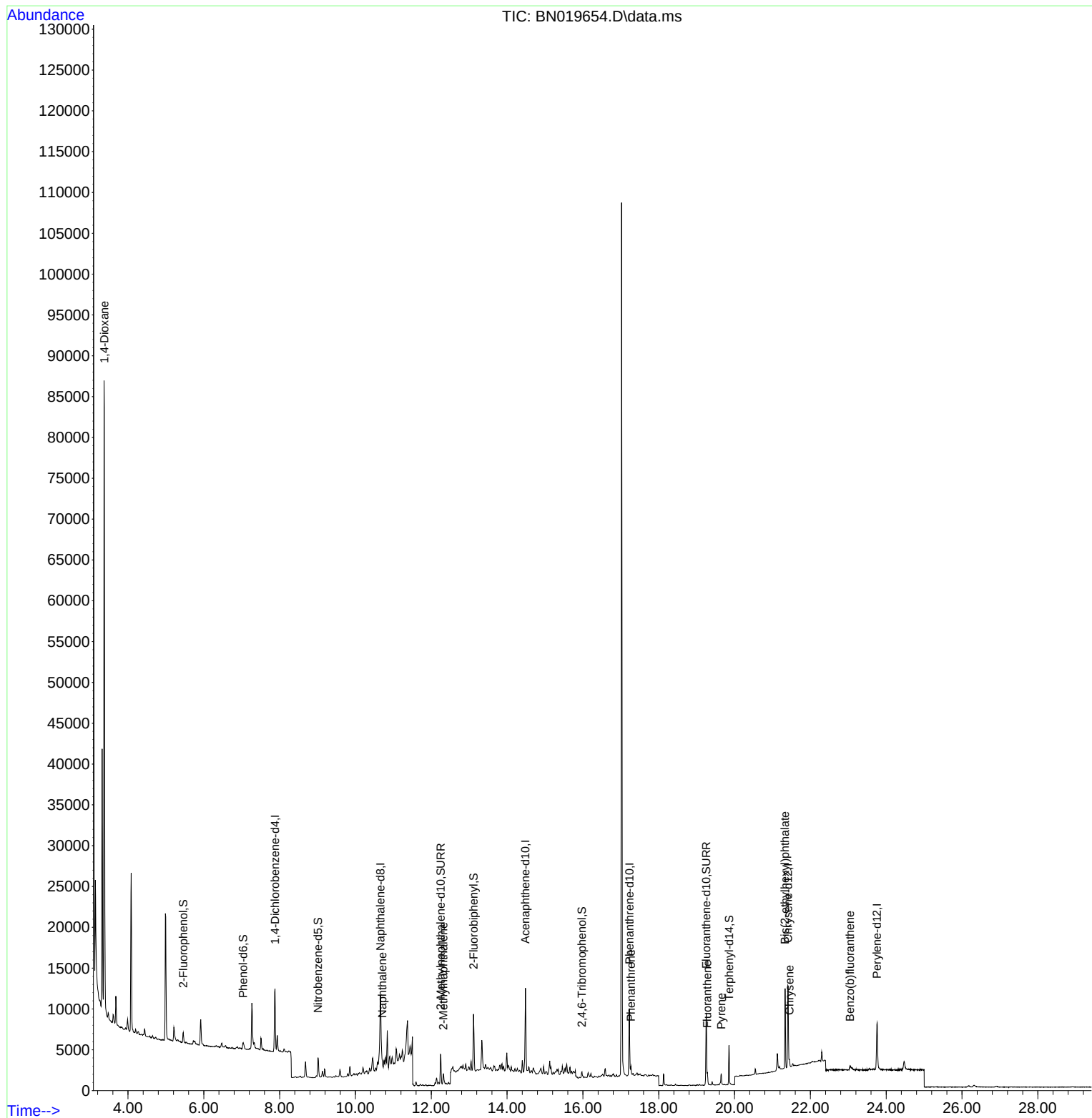
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050322\
Data File : BN019654.D
Acq On : 03 May 2022 18:25
Operator : CG/JU
Sample : N2640-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

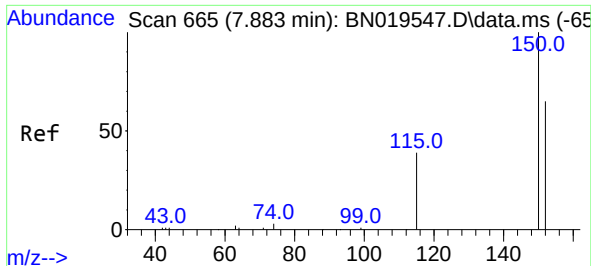
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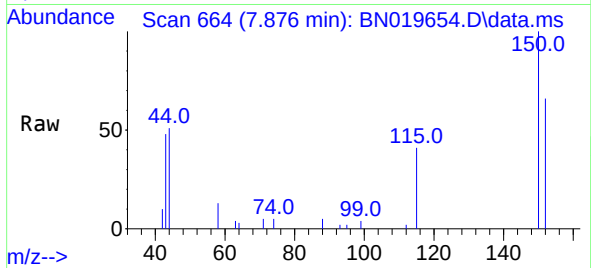
Quant Time: May 04 07:33:49 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 02:56:24 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.876 min Scan# 60
Delta R.T. -0.007 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

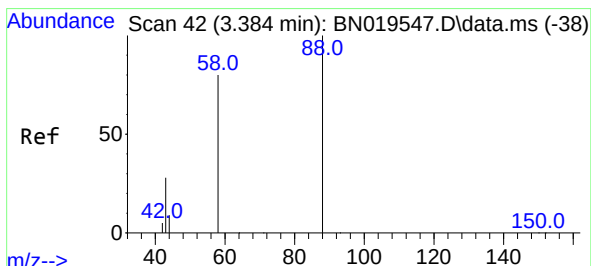
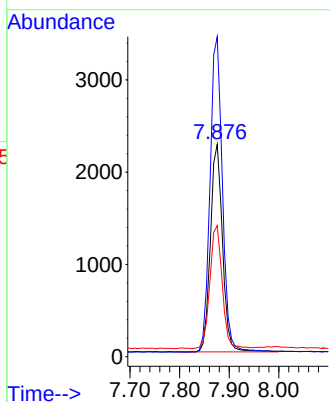
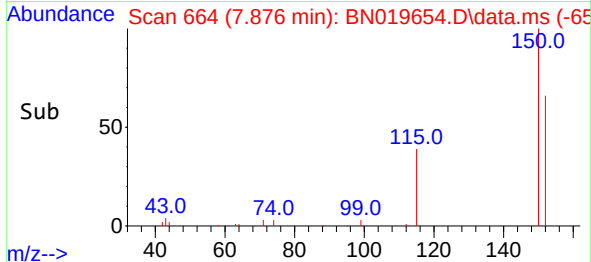
Instrument :
BNA_N
ClientSampleId :
MWBR3D-B-480-500-042922



Tgt Ion:152 Resp: 381
Ion Ratio Lower Upper
152 100
150 150.7 122.6 183.8
115 61.7 49.0 73.6

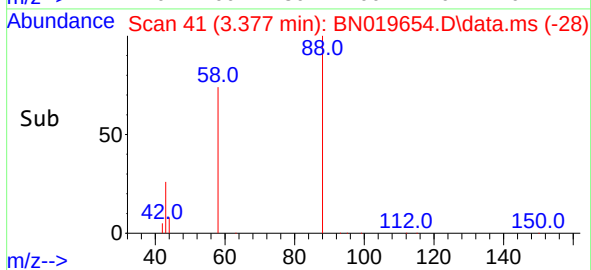
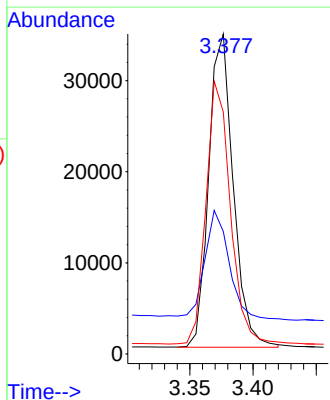
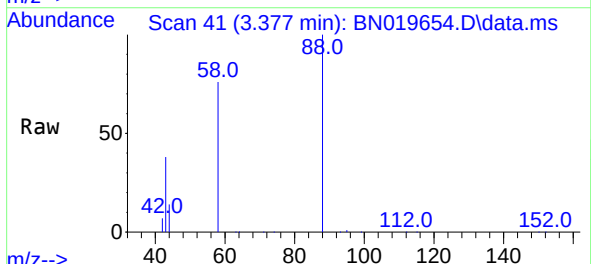
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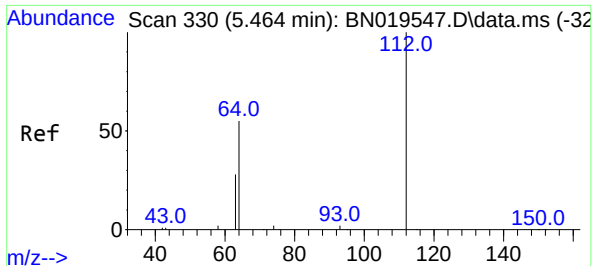
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#2
1,4-Dioxane
Concen: 10.420 ng m
RT: 3.377 min Scan# 41
Delta R.T. -0.007 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

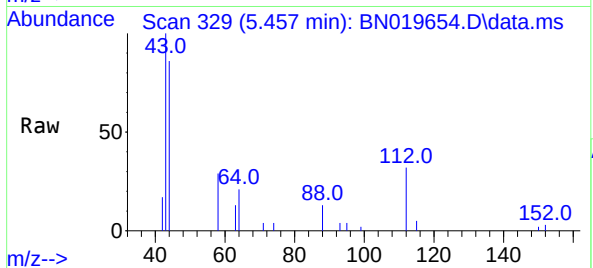
Tgt Ion: 88 Resp: 46491
Ion Ratio Lower Upper
88 100
43 34.0 25.2 37.8
58 82.9 67.6 101.4





#4
2-Fluorophenol
Concen: 0.111 ng
RT: 5.457 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

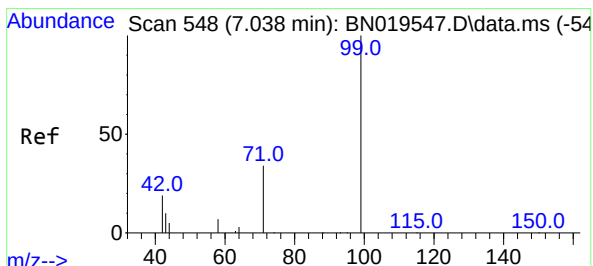
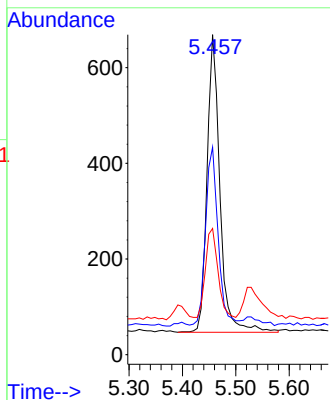
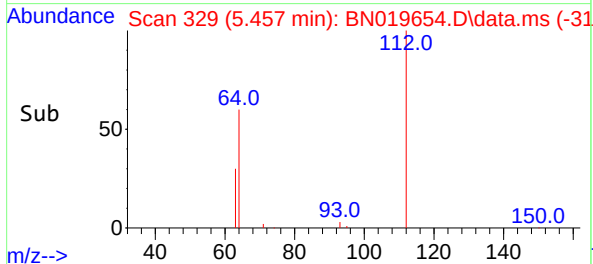
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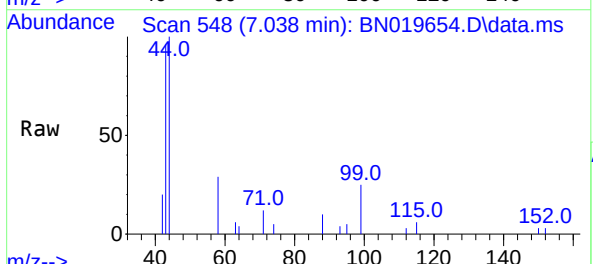
Tgt Ion: 112 Resp: 104
Ion Ratio Lower Upper
112 100
64 58.3 47.3 70.9
63 29.5 24.6 36.8

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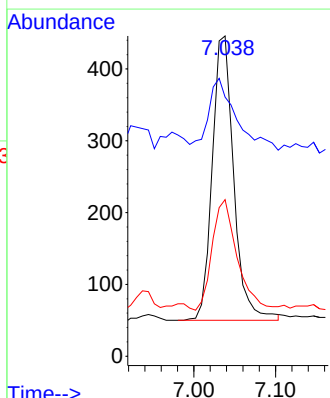
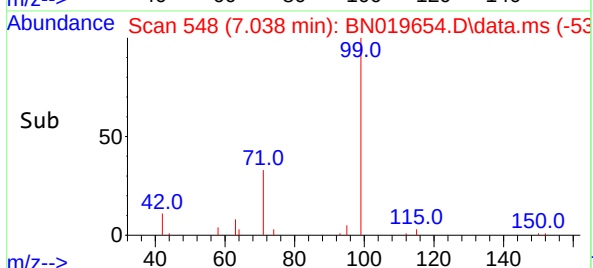
Reviewed By : Christian Giraldo 05/04/2022
Supervised By : Jagrut Upadhyay 05/05/2022

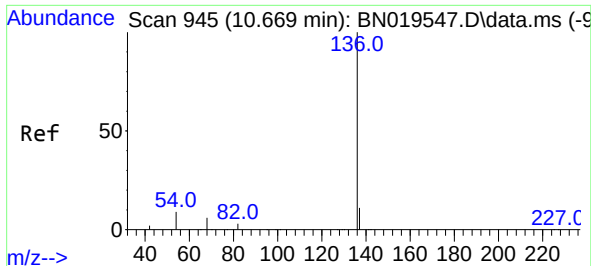


#5
Phenol-d6
Concen: 0.064 ng
RT: 7.038 min Scan# 548
Delta R.T. 0.000 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25



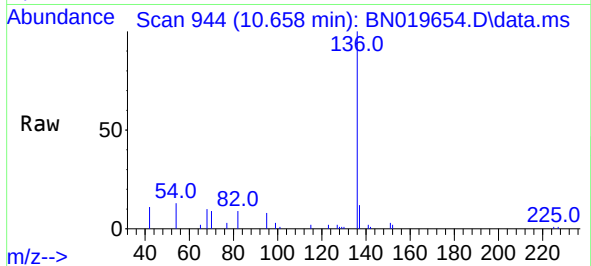
Tgt Ion: 99 Resp: 724
Ion Ratio Lower Upper
99 100
42 32.5 15.8 23.8#
71 45.3 26.5 39.7#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 945
Delta R.T. -0.011 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

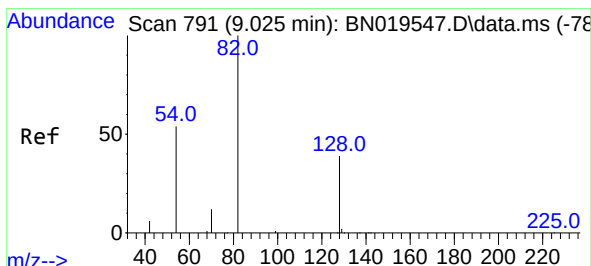
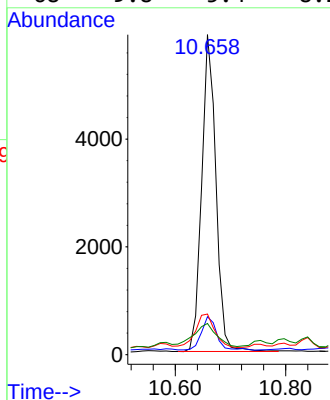
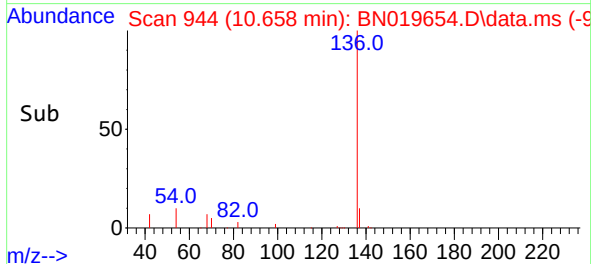
Instrument : BNA_N
ClientSampleId : MWBR3D-B-480-500-042922



Tgt Ion:	136	Resp:	1054
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.1	13.7
54	12.7	7.8	11.6
68	9.8	5.4	8.2

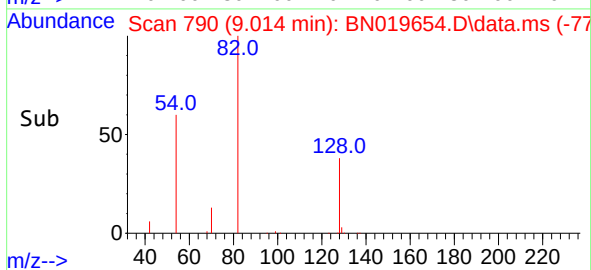
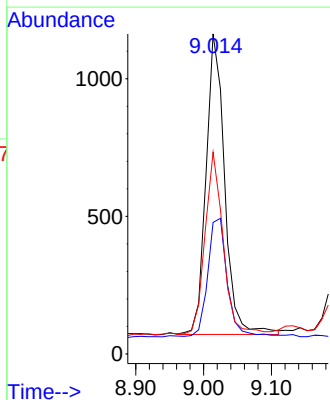
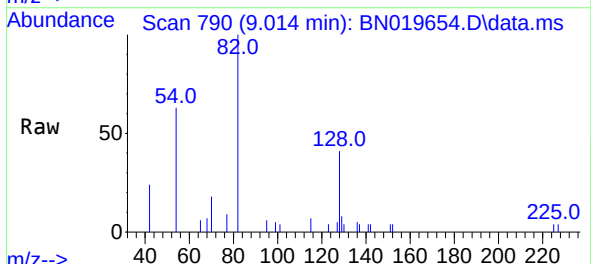
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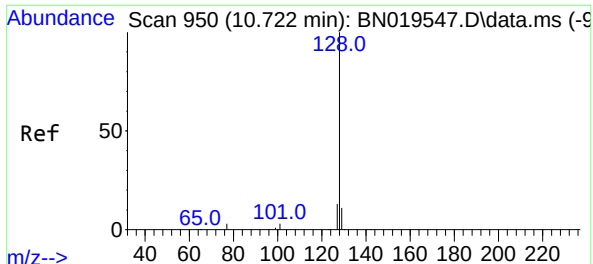
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#8
Nitrobenzene-d5
Concen: 0.278 ng m
RT: 9.014 min Scan# 790
Delta R.T. -0.011 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

Tgt Ion:	82	Resp:	2083
Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.4	48.6
54	63.0	44.4	66.6





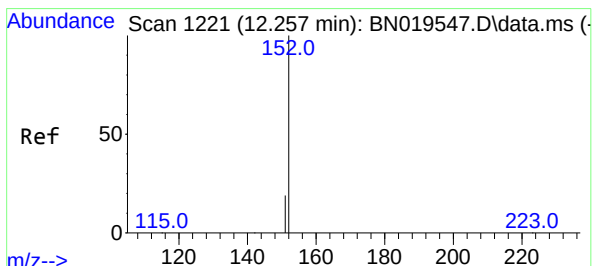
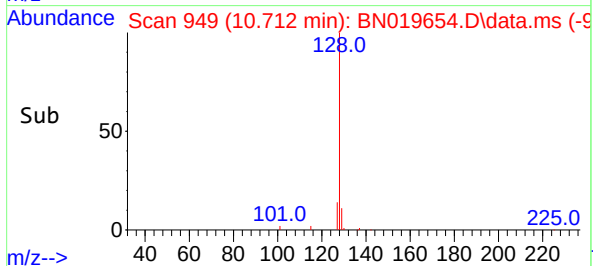
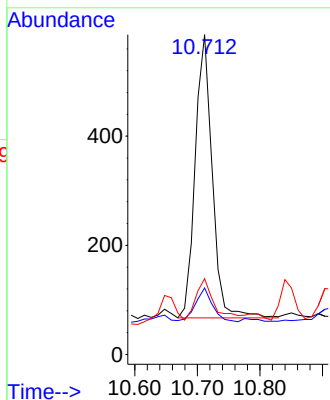
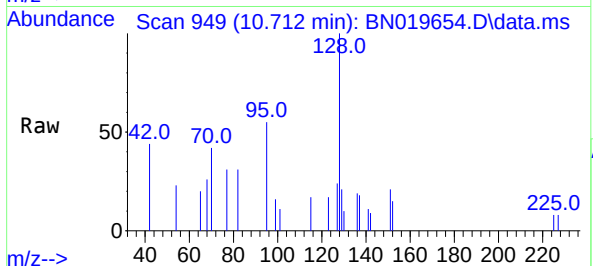
#9
Naphthalene
Concen: 0.033 ng
RT: 10.712 min Scan# 949
Delta R.T. -0.011 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

Instrument :
BNA_N
ClientSampleId :
MWBR3D-B-480-500-042922

Tgt Ion:128 Resp: 980
Ion Ratio Lower Upper
128 100
129 20.8 9.0 13.4
127 23.7 10.8 16.2

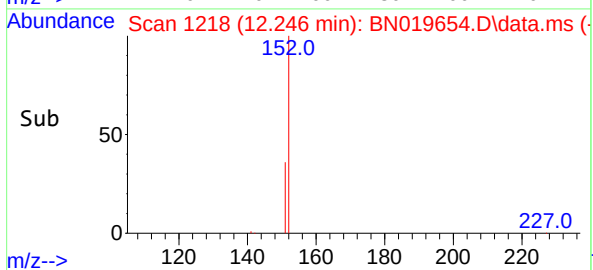
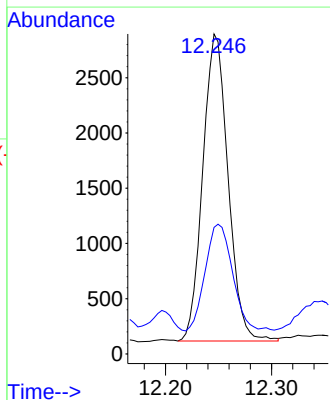
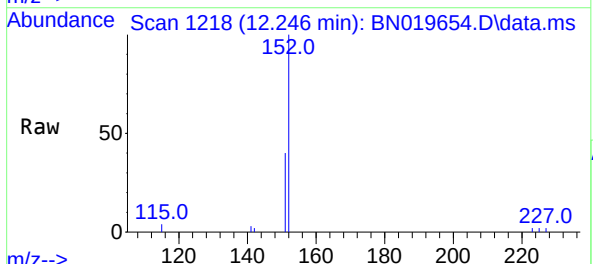
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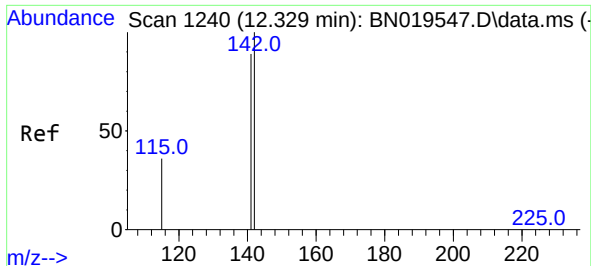
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#11
2-Methylnaphthalene-d10
Concen: 0.281 ng
RT: 12.246 min Scan# 1218
Delta R.T. -0.011 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

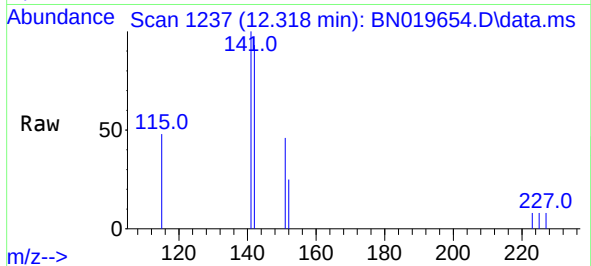
Tgt Ion:152 Resp: 4606
Ion Ratio Lower Upper
152 100
151 37.7 16.2 24.4





#12
2-Methylnaphthalene
Concen: 0.042 ng
RT: 12.318 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

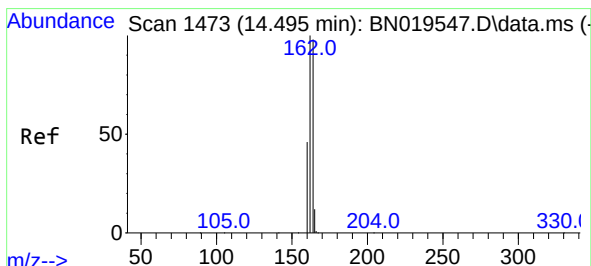
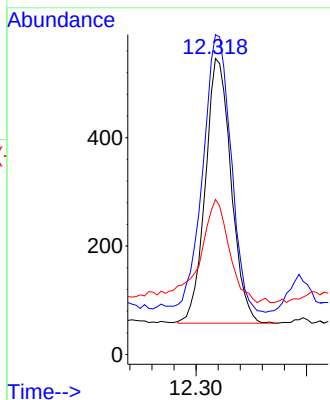
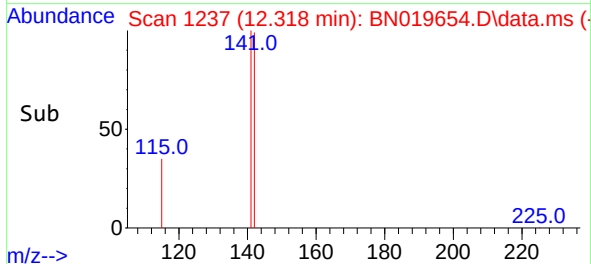
Instrument :
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ClientSampleId :
MWBR3D-B-480-500-042922



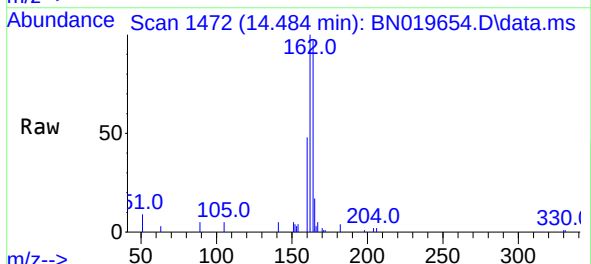
Tgt Ion:142 Resp: 790
Ion Ratio Lower Upper
142 100
141 108.1 71.0 106.6
115 52.4 29.6 44.4

Manual Integrations
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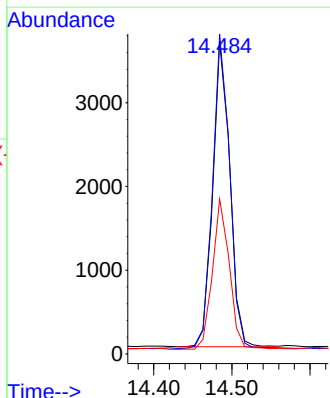
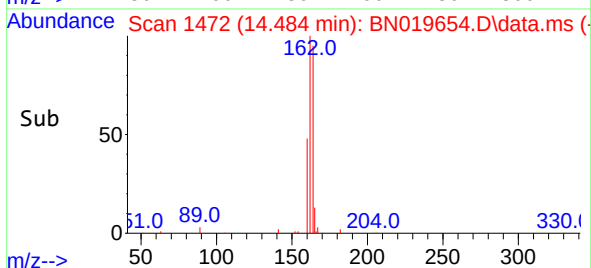
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/05/2022

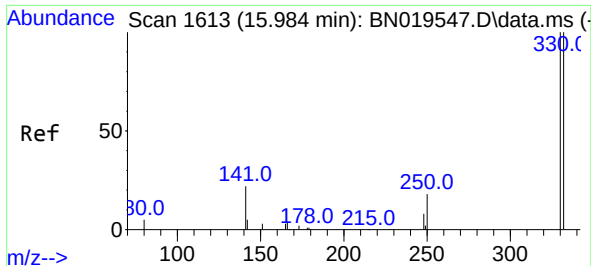


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25



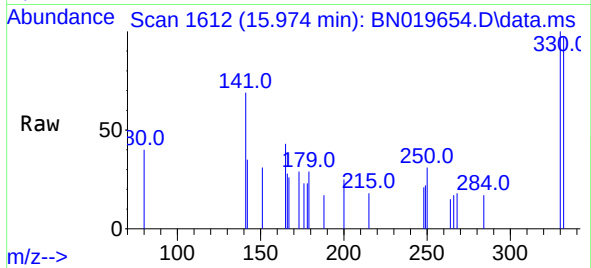
Tgt Ion:164 Resp: 5525
Ion Ratio Lower Upper
164 100
162 102.6 81.8 122.6
160 49.7 38.3 57.5





#14
2,4,6-Tribromophenol
Concen: 0.223 ng
RT: 15.974 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

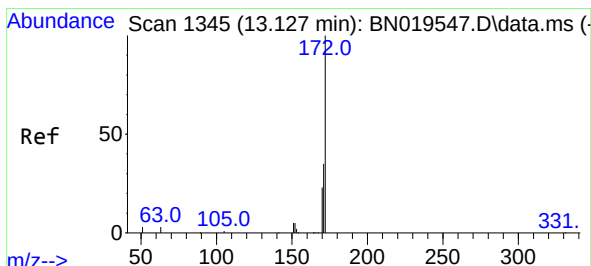
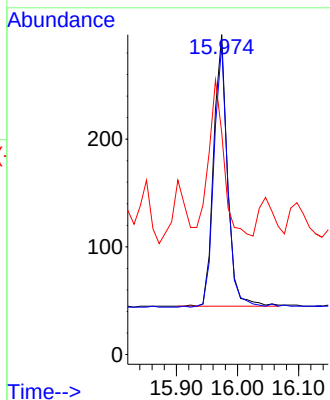
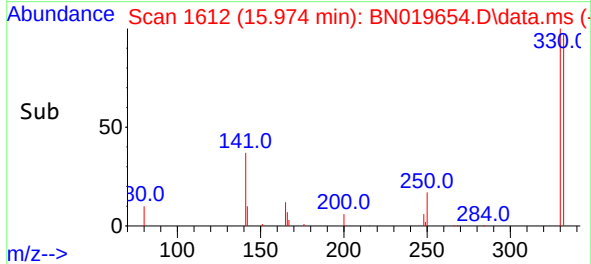
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MWBR3D-B-480-500-042922



Tgt Ion:330 Resp: 394
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 61.2 39.7 59.5

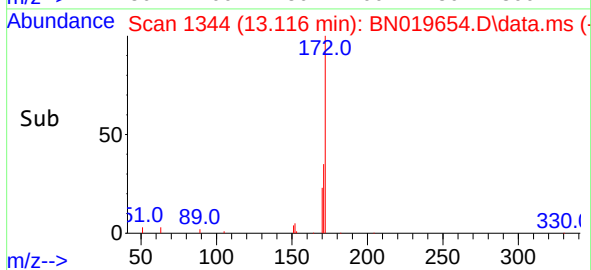
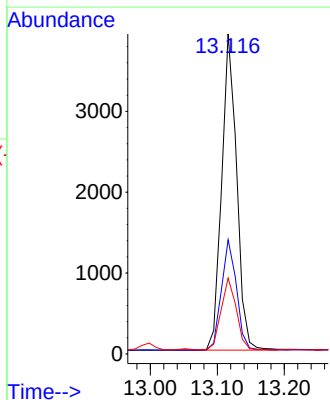
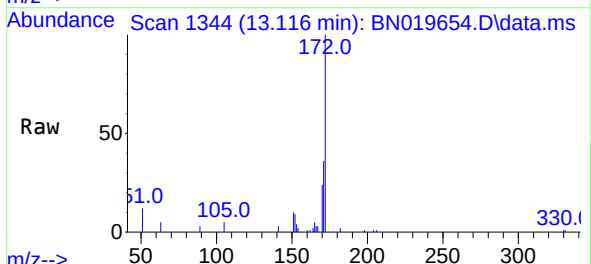
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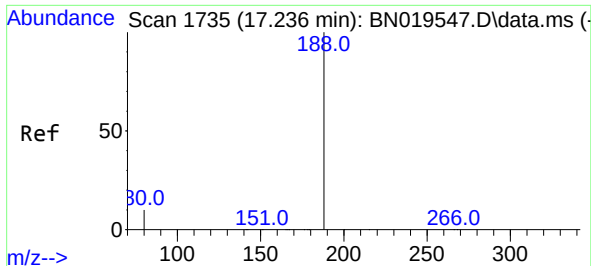
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#15
2-Fluorobiphenyl
Concen: 0.258 ng
RT: 13.116 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

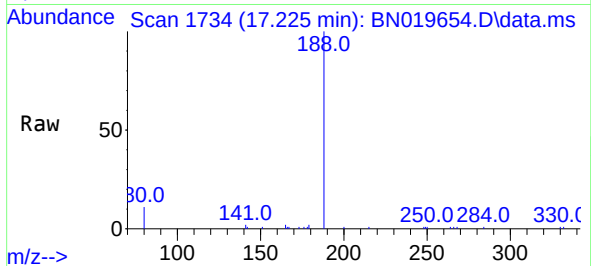
Tgt Ion:172 Resp: 6092
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 23.7 19.0 28.4





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1735
Delta R.T. -0.010 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

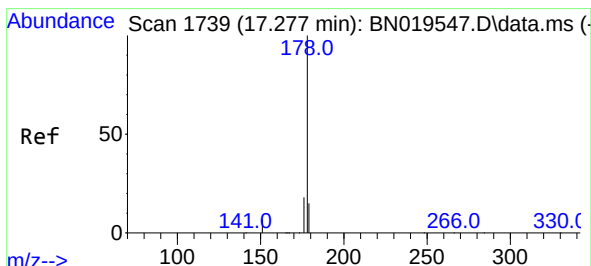
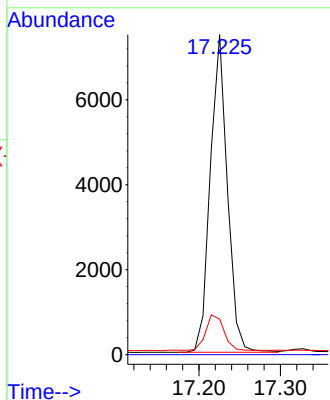
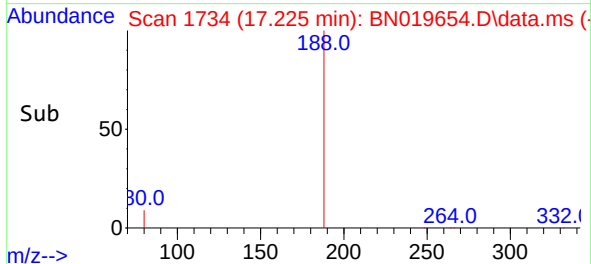
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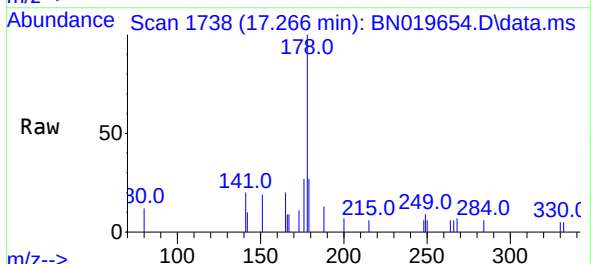
Tgt Ion:188 Resp: 10890
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 8.6 12.8

Manual Integrations
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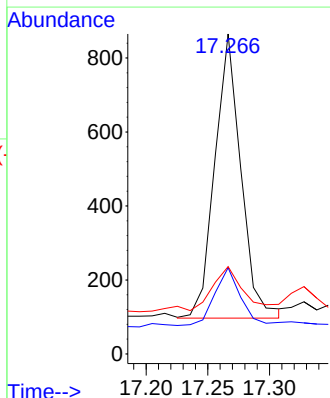
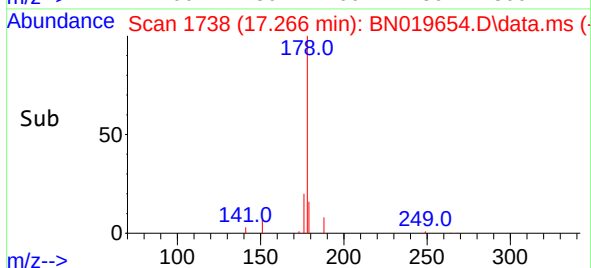
Reviewed By :Christian Giraldo 05/04/2022
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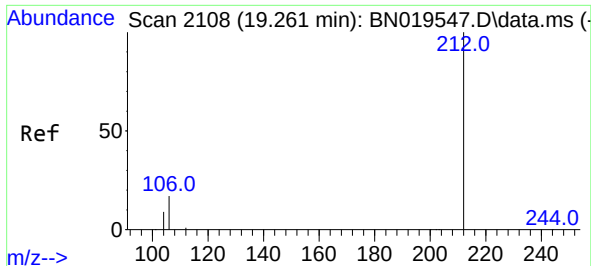


#25
Phenanthrene
Concen: 0.031 ng m
RT: 17.266 min Scan# 1738
Delta R.T. -0.010 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25



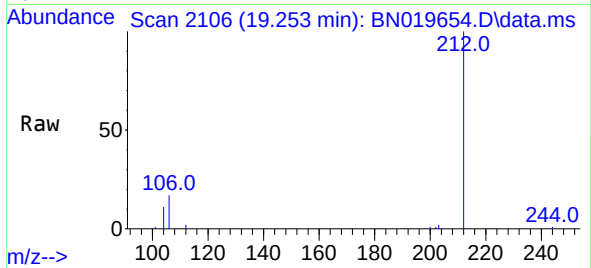
Tgt Ion:178 Resp: 1133
Ion Ratio Lower Upper
178 100
176 22.9 15.4 23.2
179 26.7 12.1 18.1#





#27
Fluoranthene-d10
Concen: 0.317 ng
RT: 19.253 min Scan# 2106
Delta R.T. -0.008 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

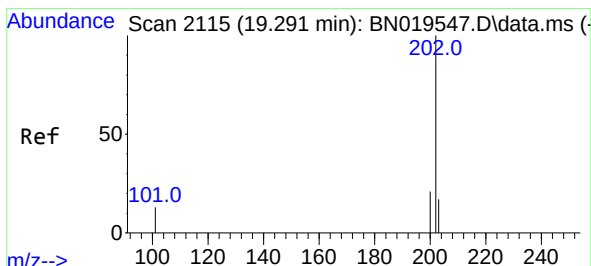
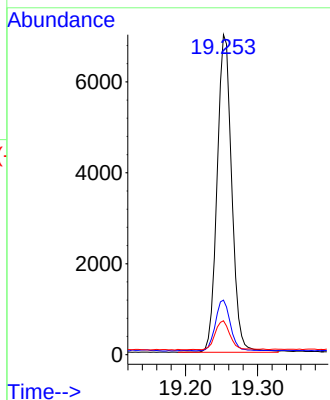
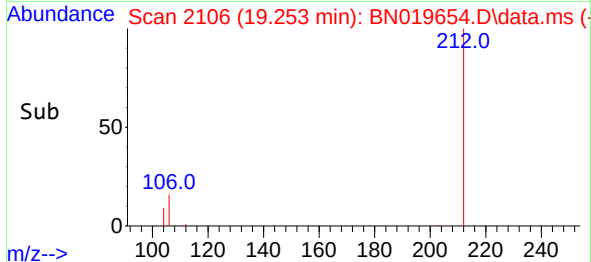
Instrument :
BNA_N
ClientSampleId :
MWBR3D-B-480-500-042922



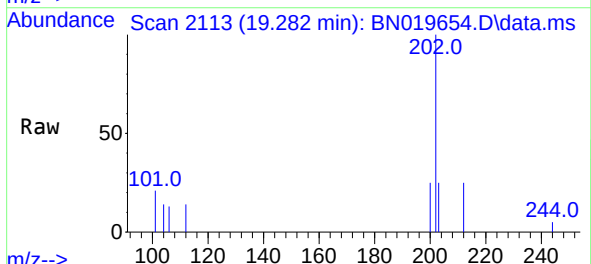
Tgt Ion:212 Resp: 983
Ion Ratio Lower Upper
212 100
106 16.2 13.5 20.3
104 9.2 7.6 11.4

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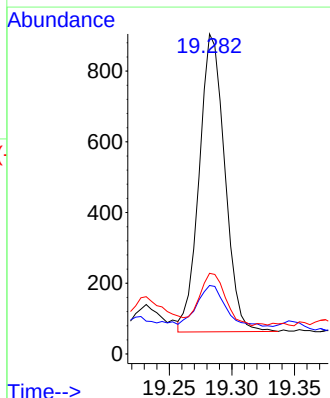
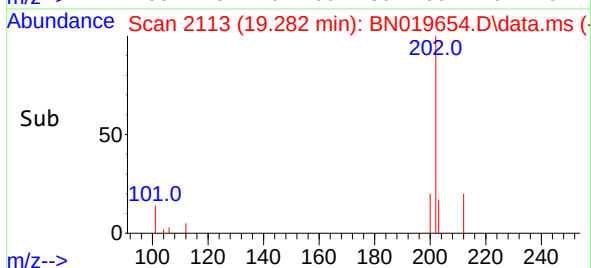
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/05/2022

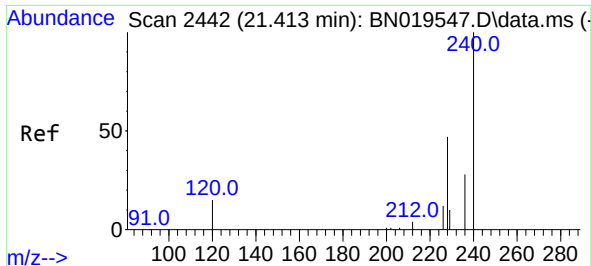


#28
Fluoranthene
Concen: 0.030 ng
RT: 19.282 min Scan# 2113
Delta R.T. -0.008 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25



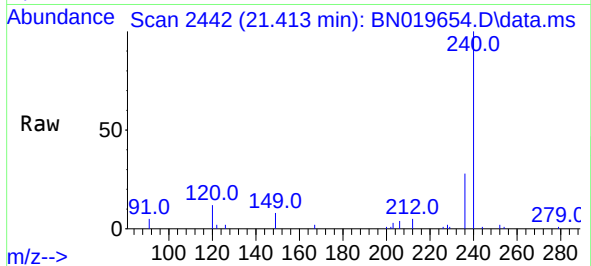
Tgt Ion:202 Resp: 1194
Ion Ratio Lower Upper
202 100
101 18.2 10.6 15.8#
203 17.9 13.6 20.4





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

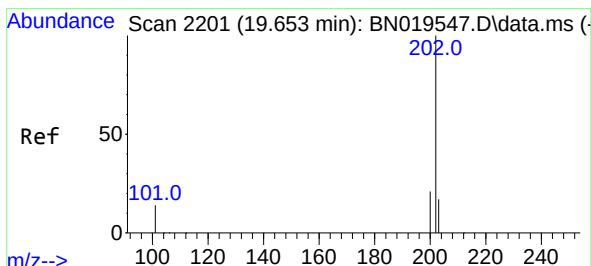
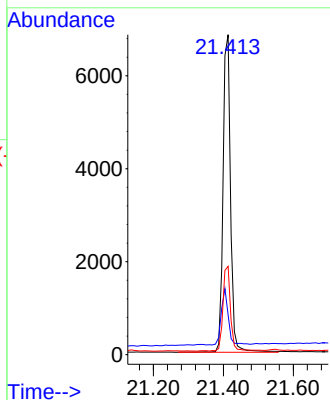
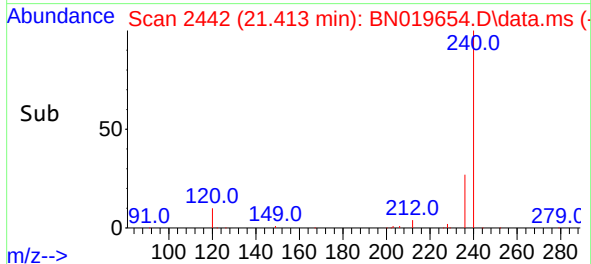
Instrument :
BNA_N
ClientSampleId :
MWBR3D-B-480-500-042922



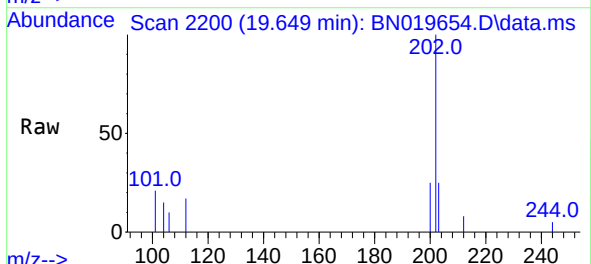
Tgt Ion:240 Resp: 1010
Ion Ratio Lower Upper
240 100
120 12.4 17.4 26.2
236 27.6 23.0 34.4

Manual Integrations
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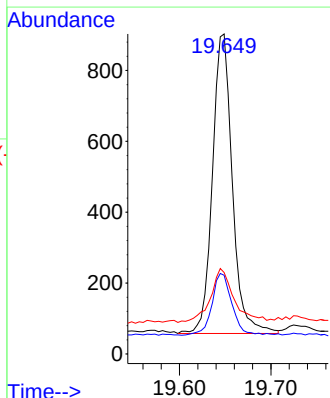
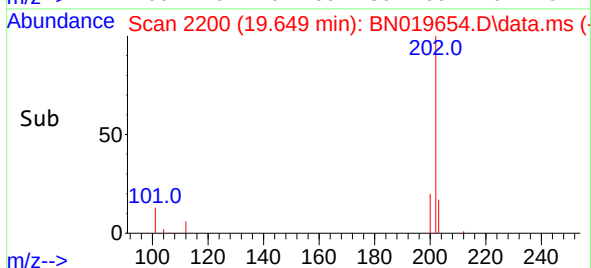
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/05/2022

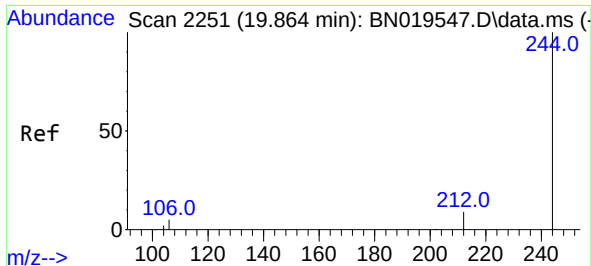


#30
Pyrene
Concen: 0.031 ng
RT: 19.649 min Scan# 2200
Delta R.T. -0.004 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25



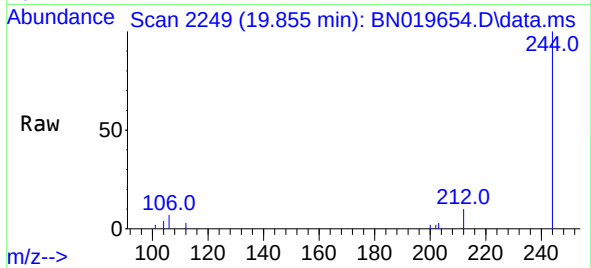
Tgt Ion:202 Resp: 1275
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 21.6 14.2 21.4





#31
Terphenyl-d14
Concen: 0.244 ng
RT: 19.855 min Scan# 211
Delta R.T. -0.008 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

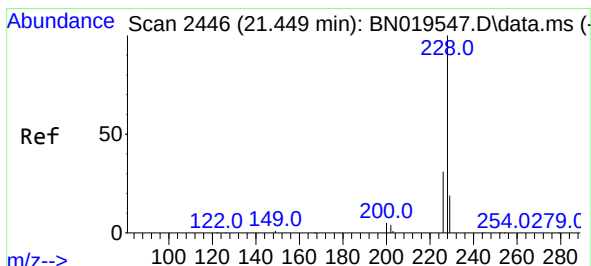
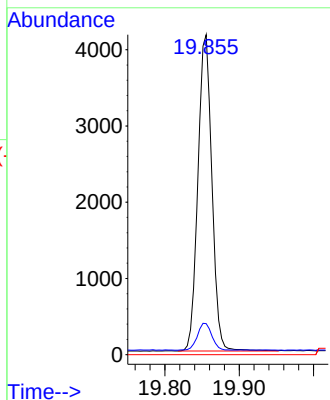
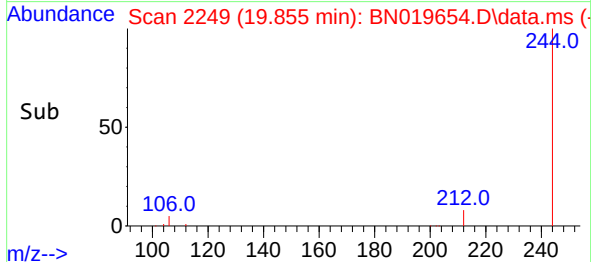
Instrument :
BNA_N
ClientSampleId :
MWBR3D-B-480-500-042922



Tgt Ion:244 Resp: 541
Ion Ratio Lower Upper
244 100
212 9.7 7.6 11.4
122 0.0 0.0 0.0

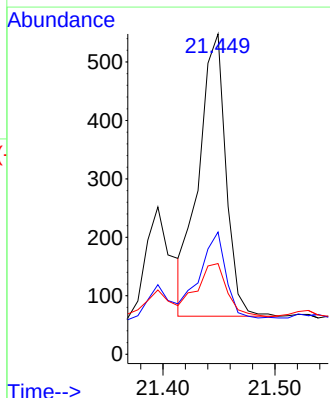
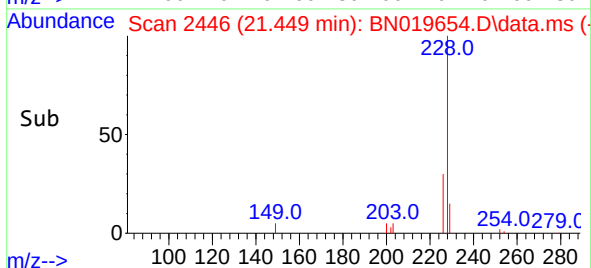
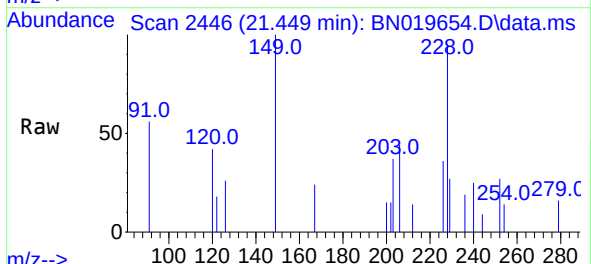
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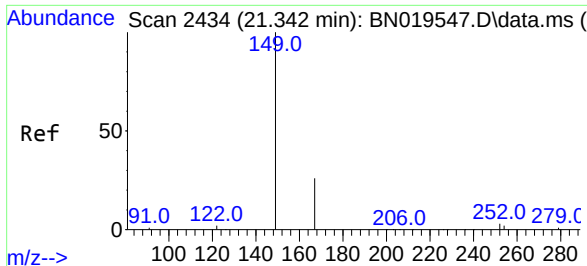
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#33
Chrysene
Concen: 0.021 ng
RT: 21.449 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

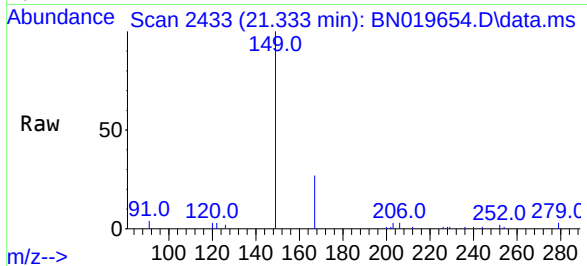
Tgt Ion:228 Resp: 820
Ion Ratio Lower Upper
228 100
226 38.1 24.6 36.8#
229 28.3 15.9 23.9#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.514 ng
RT: 21.333 min Scan# 2433
Delta R.T. -0.009 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

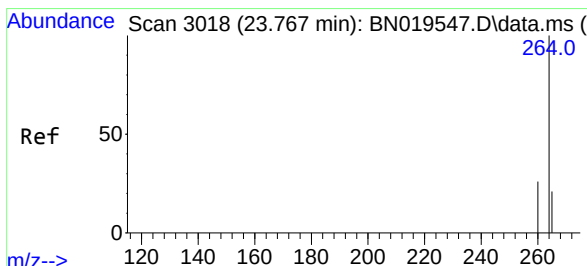
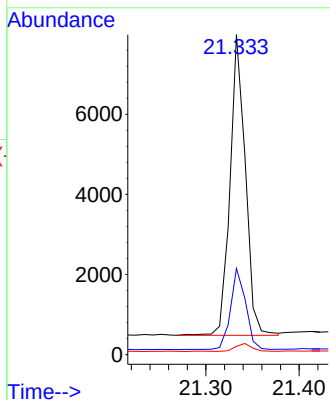
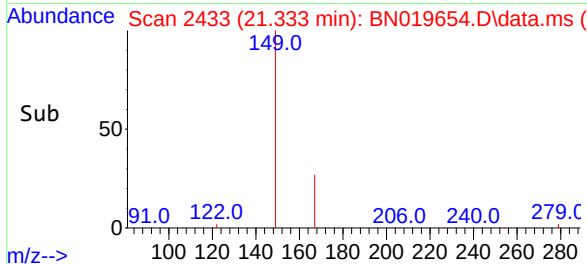
Instrument :
BNA_N
ClientSampleId :
MWBR3D-B-480-500-042922



Tgt Ion:149 Resp: 857
Ion Ratio Lower Upper
149 100
167 26.6 21.7 32.5
279 3.0 2.8 4.2

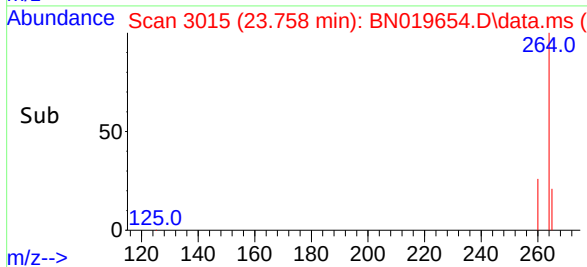
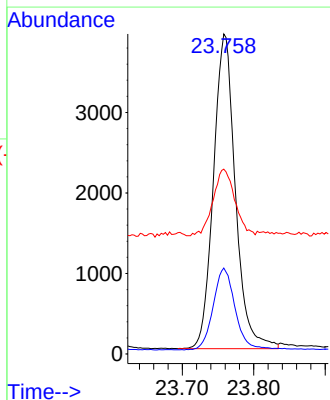
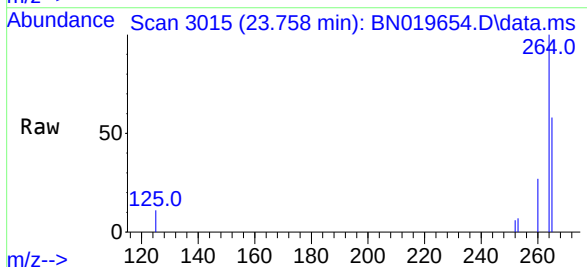
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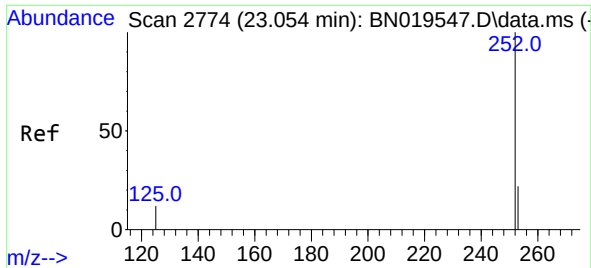
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.758 min Scan# 3015
Delta R.T. -0.009 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

Tgt Ion:264 Resp: 8334
Ion Ratio Lower Upper
264 100
260 26.9 21.0 31.6
265 57.8 67.9 101.9#





#37

Benzo(b)fluoranthene

Concen: 0.022 ng

RT: 23.045 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN019654.D

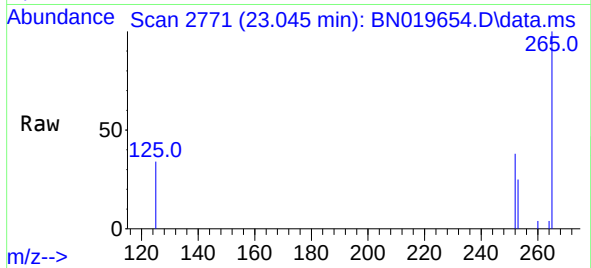
Acq: 03 May 2022 18:25

Instrument :

BNA_N

ClientSampleId :

MWBR3D-B-480-500-042922



Tgt Ion:252 Resp: 740

Ion Ratio Lower Upper

252 100

253 64.7 21.2 31.8

125 88.0 15.9 23.9

Manual Integrations

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Reviewed By :Christian Giraldo 05/04/2022

Supervised By :Jagrut Upadhyay 05/05/2022

