

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032422\
 Data File : BN019138.D
 Acq On : 24 Mar 2022 22:20
 Operator : CG/JU
 Sample : N2075-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE109D3-20220322

Quant Time: Mar 25 04:30:01 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 13:18:23 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/25/2022
 Supervised By :Jagrut Upadhyay 03/25/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4266	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	11144	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	6777	0.400	ng	-0.01
19) Phenanthrene-d10	17.226	188	13503	0.400	ng	-0.01
29) Chrysene-d12	21.422	240	9778	0.400	ng	# 0.00
35) Perylene-d12	23.785	264	7449	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	938	0.098	ng	0.00
5) Phenol-d6	7.017	99	530	0.053	ng	0.00
8) Nitrobenzene-d5	9.014	82	1631m	0.203	ng	0.00
11) 2-Methylnaphthalene-d10	12.250	152	4693	0.254	ng	0.00
14) 2,4,6-Tribromophenol	15.985	330	590	0.180	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	7032	0.259	ng	-0.01
27) Fluoranthene-d10	19.261	212	14839	0.370	ng	0.00
31) Terphenyl-d14	19.856	244	8035	0.335	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	12801	2.428	ng	Qvalue 98
25) Phenanthrene	17.277	178	953	0.023	ng	95
28) Fluoranthene	19.291	202	1258	0.025	ng	97
34) Bis(2-ethylhexyl)phtha...	21.324	149	1647	0.082	ng	# 99

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

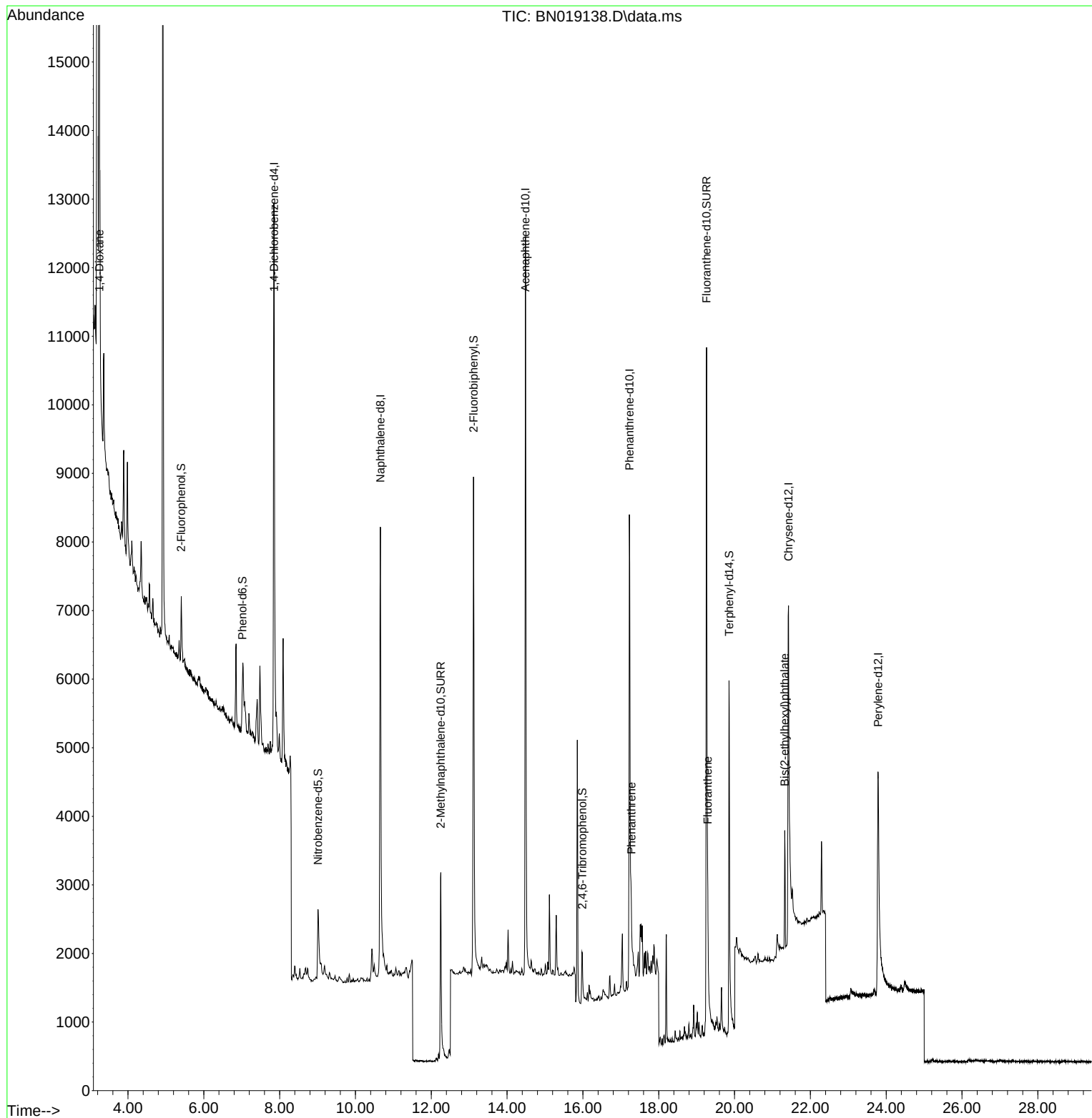
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032422\
Data File : BN019138.D
Acq On : 24 Mar 2022 22:20
Operator : CG/JU
Sample : N2075-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

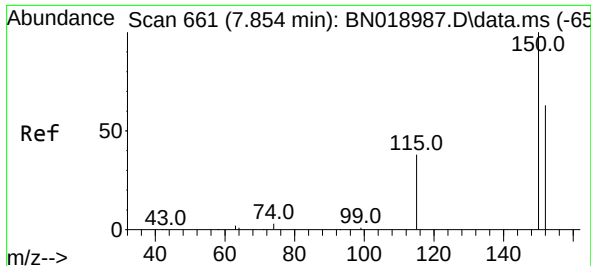
Instrument :
BNA_N
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RE109D3-20220322

Quant Time: Mar 25 04:30:01 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
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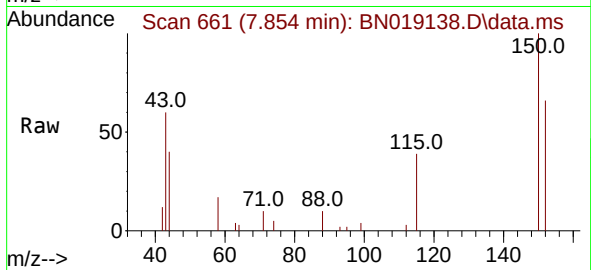
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 661
Delta R.T. 0.000 min
Lab File: BN019138.D
Acq: 24 Mar 2022 22:20

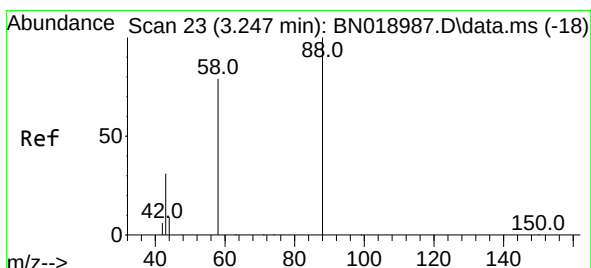
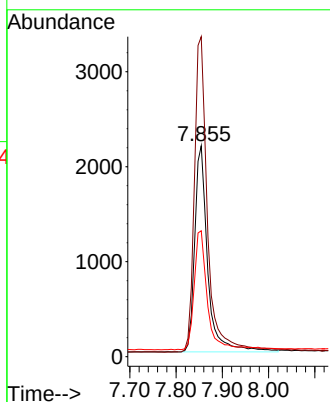
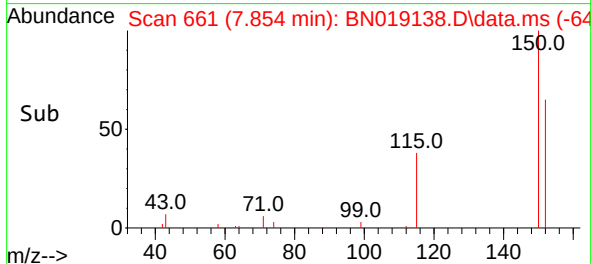
Instrument :
BNA_N
ClientSampleId :
RE109D3-20220322



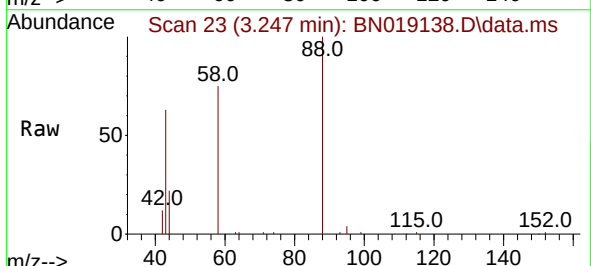
Tgt Ion: 152 Resp: 4260
Ion Ratio Lower Upper
152 100
150 151.7 123.9 185.9
115 59.7 48.2 72.4

Manual Integrations
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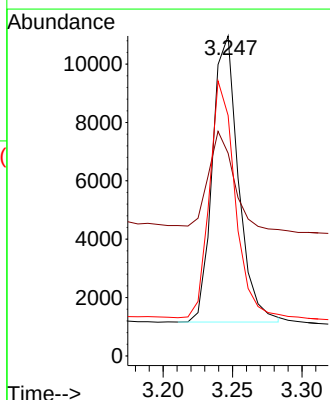
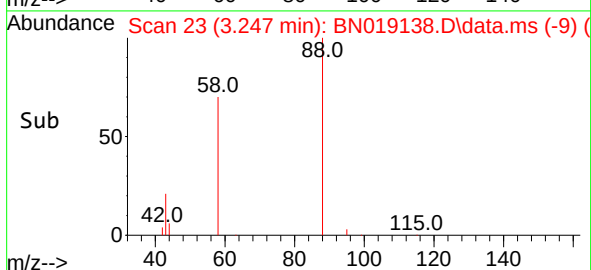
Reviewed By : Christian Giraldo 03/25/2022
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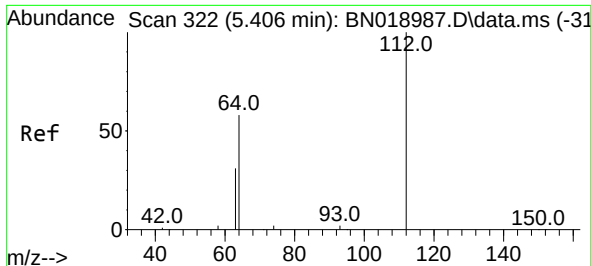


#2
1,4-Dioxane
Concen: 2.428 ng
RT: 3.247 min Scan# 23
Delta R.T. 0.000 min
Lab File: BN019138.D
Acq: 24 Mar 2022 22:20



Tgt Ion: 88 Resp: 12801
Ion Ratio Lower Upper
88 100
43 33.0 24.6 37.0
58 81.1 65.4 98.2





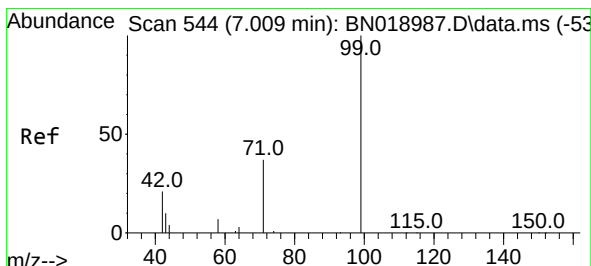
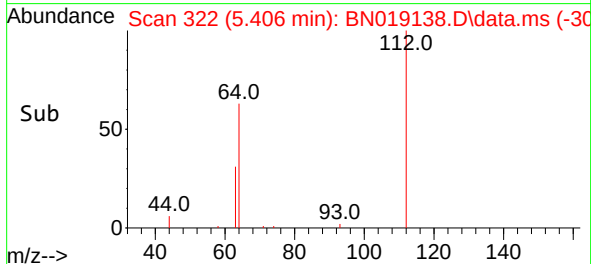
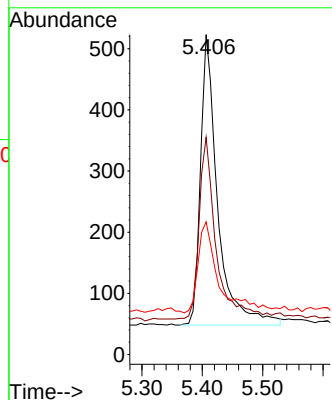
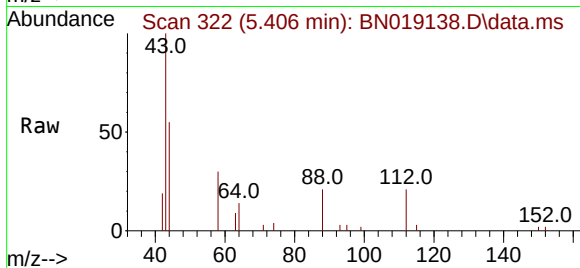
#4
2-Fluorophenol
Concen: 0.098 ng
RT: 5.406 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN019138.D
Acq: 24 Mar 2022 22:20

Instrument :
BNA_N
ClientSampleId :
RE109D3-20220322

Tgt Ion: 112 Resp: 938
Ion Ratio Lower Upper
112 100
64 61.7 47.8 71.8
63 37.5 25.7 38.5

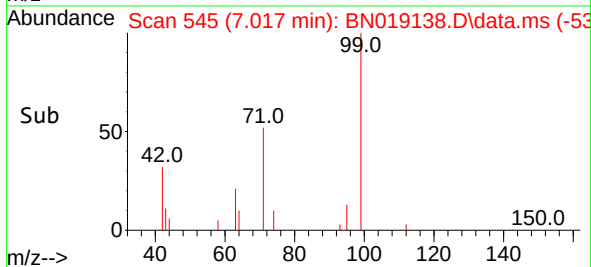
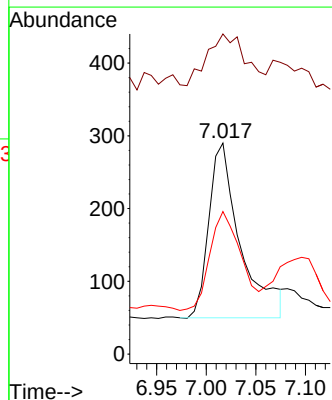
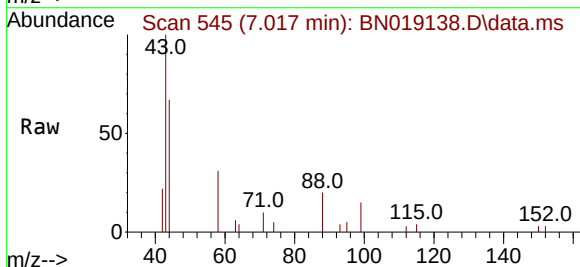
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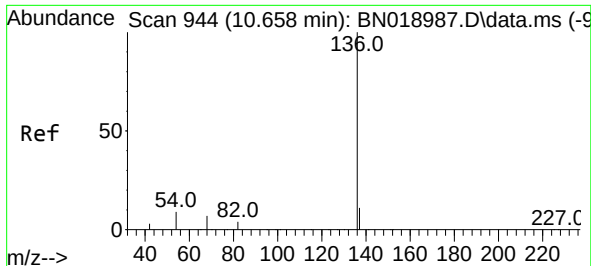
Reviewed By : Christian Giraldo 03/25/2022
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#5
Phenol-d6
Concen: 0.053 ng
RT: 7.017 min Scan# 545
Delta R.T. 0.007 min
Lab File: BN019138.D
Acq: 24 Mar 2022 22:20

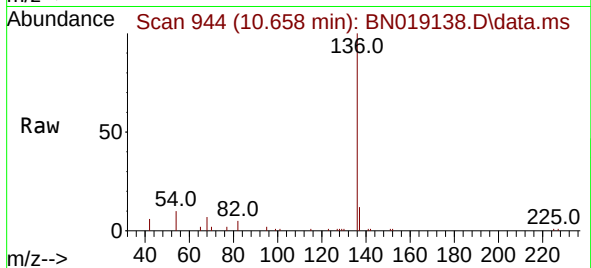
Tgt Ion: 99 Resp: 530
Ion Ratio Lower Upper
99 100
42 36.0 16.2 24.4#
71 56.0 27.7 41.5#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN019138.D
Acq: 24 Mar 2022 22:20

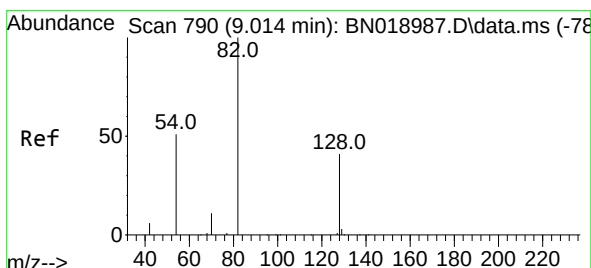
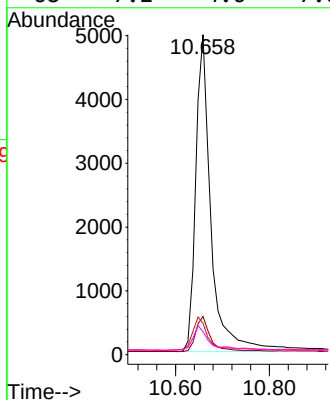
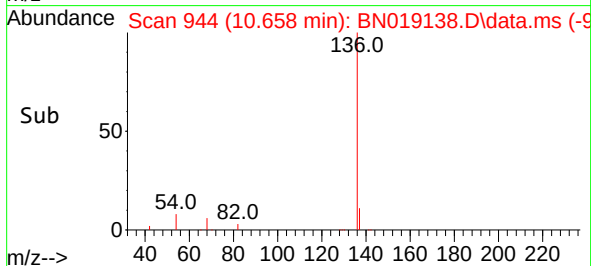
Instrument :
BNA_N
ClientSampleId :
RE109D3-20220322



Tgt Ion:	136	Resp:	1114
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.0	13.4
54	9.8	5.8	8.6
68	7.2	4.6	7.0

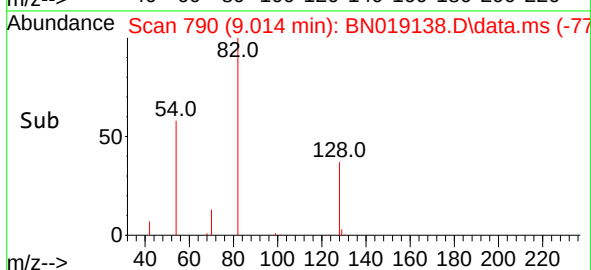
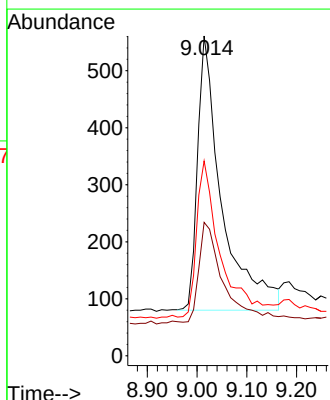
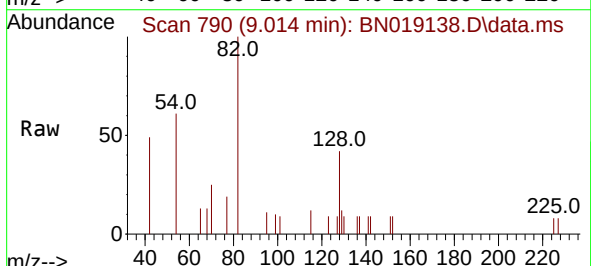
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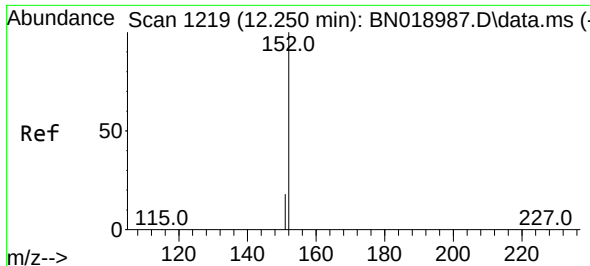
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#8
Nitrobenzene-d5
Concen: 0.203 ng m
RT: 9.014 min Scan# 790
Delta R.T. 0.000 min
Lab File: BN019138.D
Acq: 24 Mar 2022 22:20

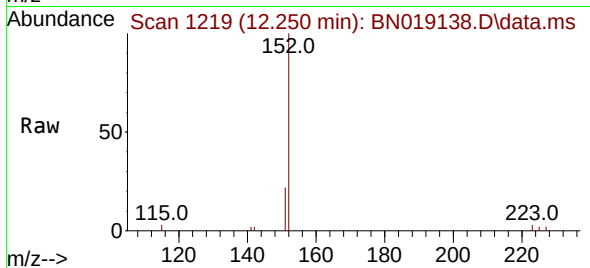
Tgt Ion:	82	Resp:	1631
Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.0	49.6
54	61.0	42.5	63.7





#11
2-Methylnaphthalene-d10
Concen: 0.254 ng
RT: 12.250 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN019138.D
Acq: 24 Mar 2022 22:20

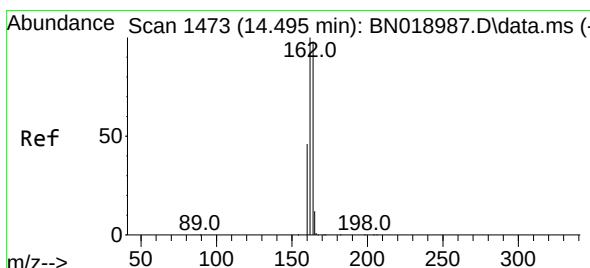
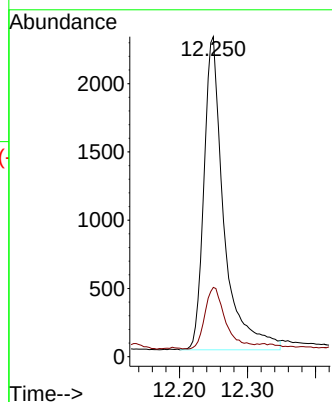
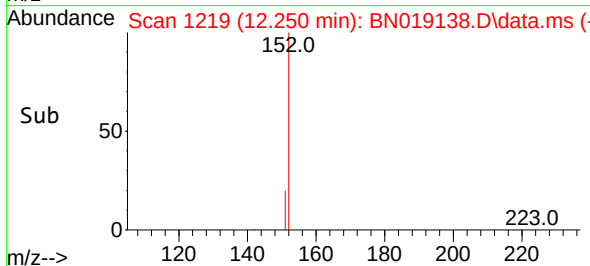
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BNA_N
ClientSampleId :
RE109D3-20220322



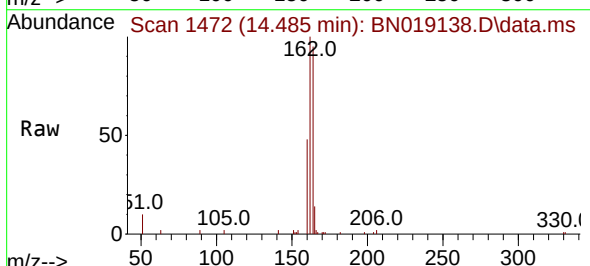
Tgt Ion:152 Resp: 469
Ion Ratio Lower Upper
152 100
151 20.4 16.5 24.7

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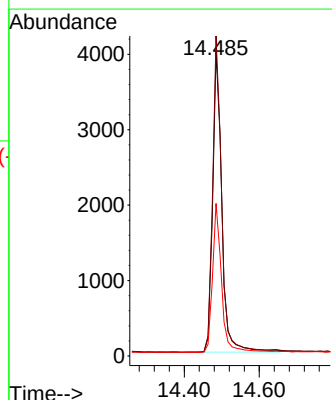
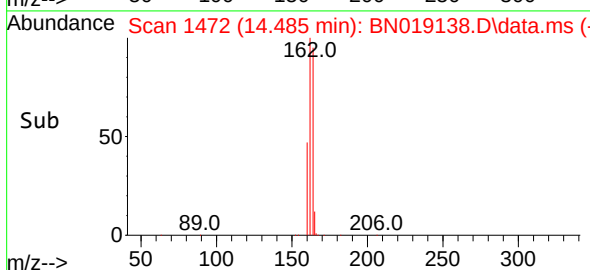
Reviewed By :Christian Giraldo 03/25/2022
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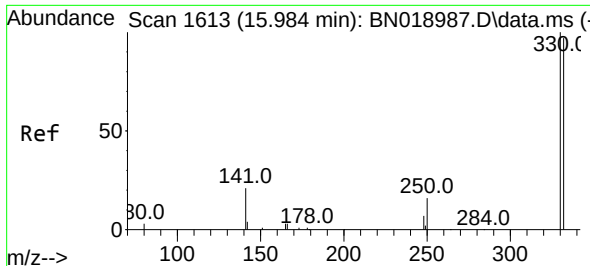


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019138.D
Acq: 24 Mar 2022 22:20



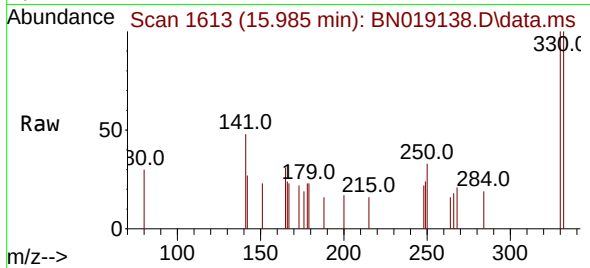
Tgt Ion:164 Resp: 6777
Ion Ratio Lower Upper
164 100
162 105.3 85.2 127.8
160 50.2 41.5 62.3





#14
2,4,6-Tribromophenol
Concen: 0.180 ng
RT: 15.985 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BN019138.D
Acq: 24 Mar 2022 22:20

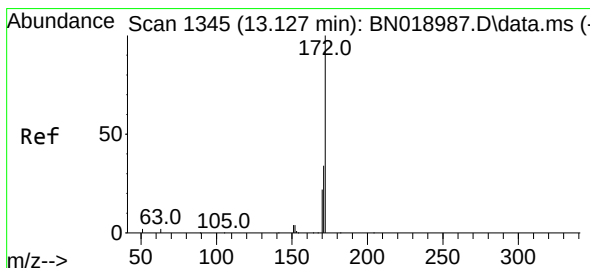
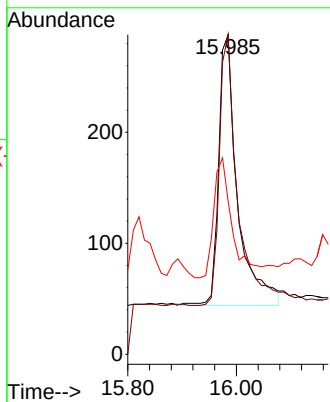
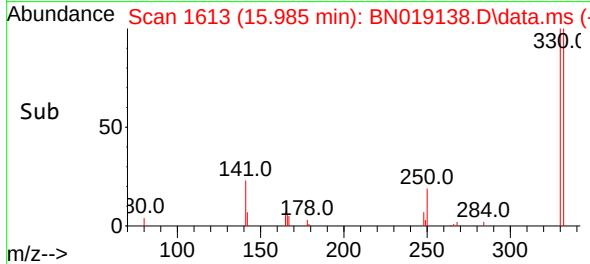
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RE109D3-20220322



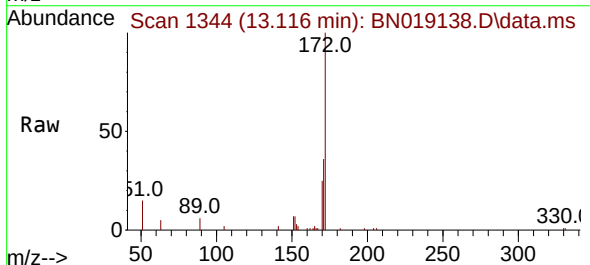
Tgt Ion:330 Resp: 590
Ion Ratio Lower Upper
330 100
332 96.4 76.8 115.2
141 43.2 32.2 48.2

Manual Integrations
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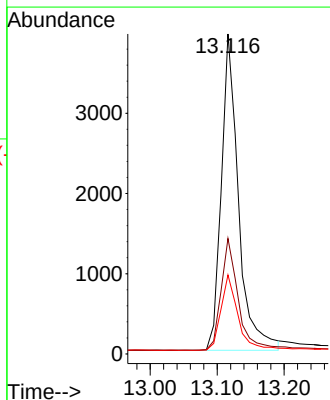
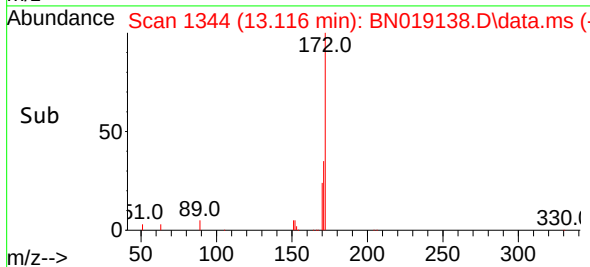
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

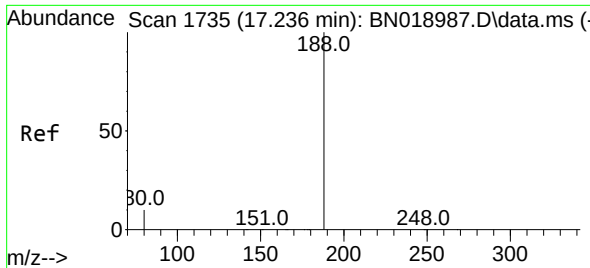


#15
2-Fluorobiphenyl
Concen: 0.259 ng
RT: 13.116 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BN019138.D
Acq: 24 Mar 2022 22:20



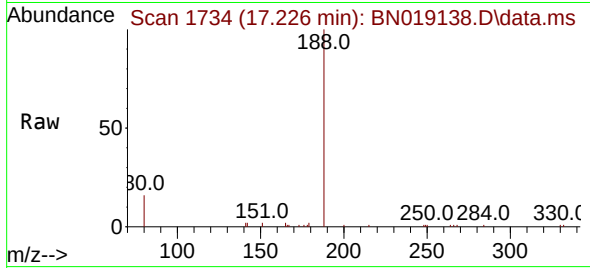
Tgt Ion:172 Resp: 7032
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.2
170 24.7 18.7 28.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 1735
Delta R.T. -0.010 min
Lab File: BN019138.D
Acq: 24 Mar 2022 22:20

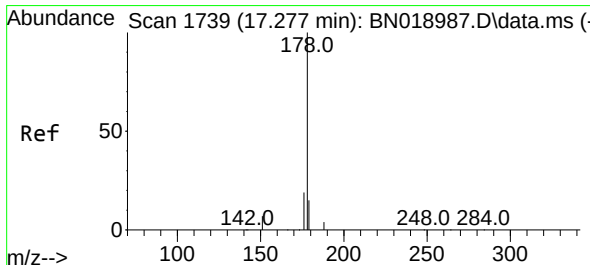
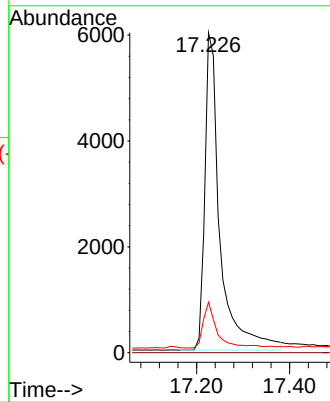
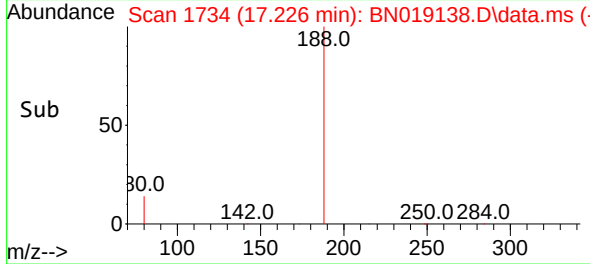
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BNA_N
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RE109D3-20220322



Tgt Ion:188 Resp: 1350
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.8 11.8 17.8

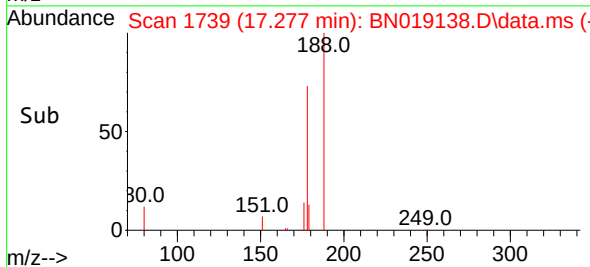
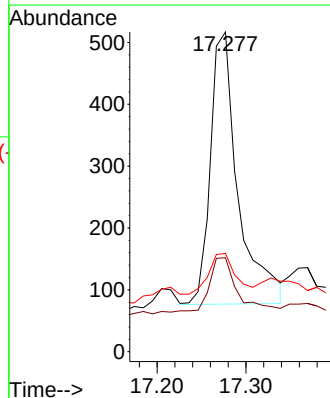
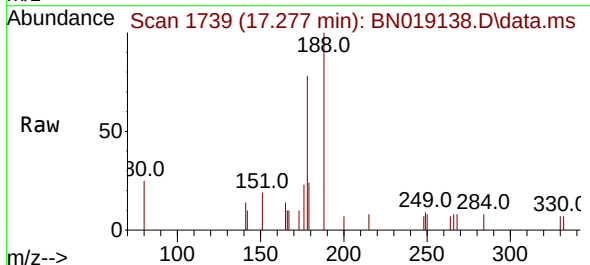
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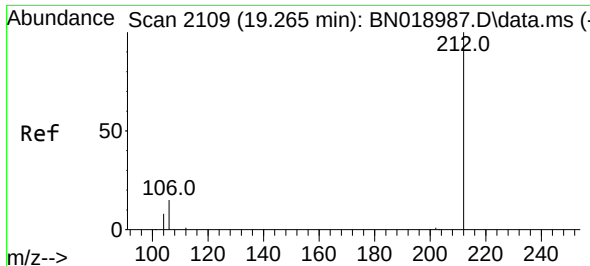
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#25
Phenanthrene
Concen: 0.023 ng
RT: 17.277 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN019138.D
Acq: 24 Mar 2022 22:20

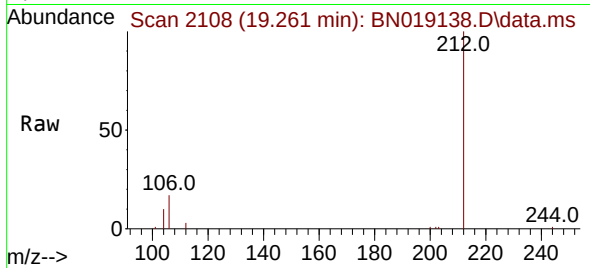
Tgt Ion:178 Resp: 953
Ion Ratio Lower Upper
178 100
176 22.9 15.4 23.0
179 14.5 12.2 18.2





#27
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BN019138.D
Acq: 24 Mar 2022 22:20

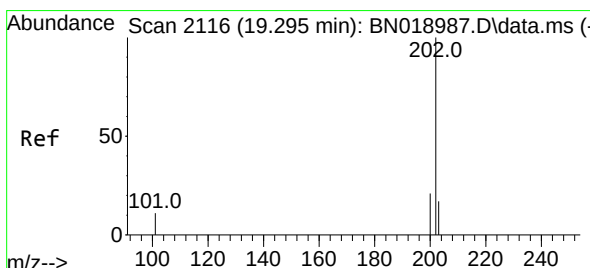
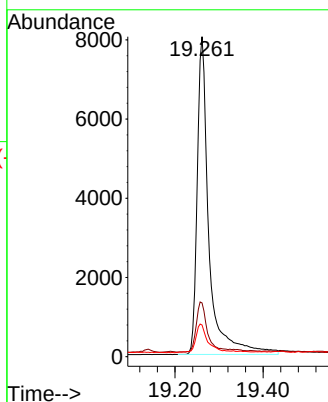
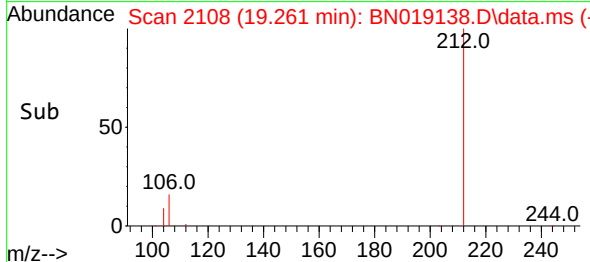
Instrument :
BNA_N
ClientSampleId :
RE109D3-20220322



Tgt Ion:212 Resp: 14839
Ion Ratio Lower Upper
212 100
106 14.8 12.7 19.1
104 9.4 7.1 10.7

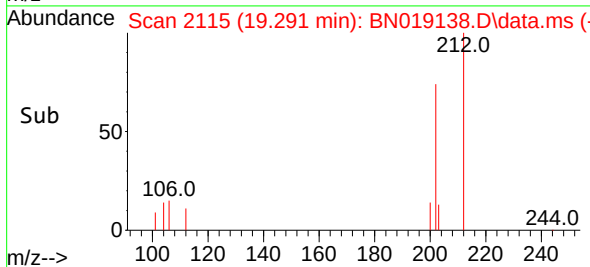
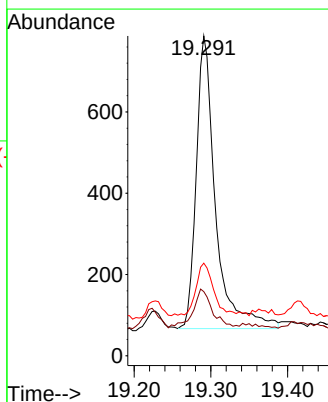
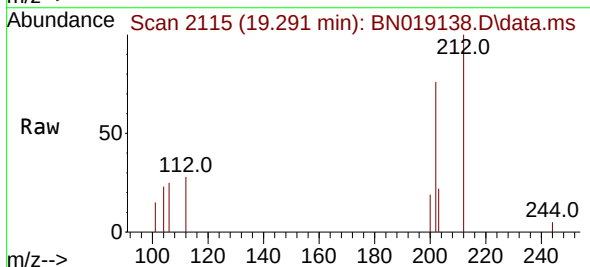
Manual Integrations
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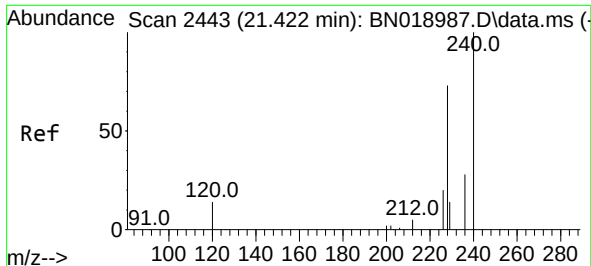
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#28
Fluoranthene
Concen: 0.025 ng
RT: 19.291 min Scan# 2115
Delta R.T. -0.004 min
Lab File: BN019138.D
Acq: 24 Mar 2022 22:20

Tgt Ion:202 Resp: 1258
Ion Ratio Lower Upper
202 100
101 13.4 9.8 14.6
203 18.4 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.422 min Scan# 2443

Delta R.T. 0.000 min

Lab File: BN019138.D

Acq: 24 Mar 2022 22:20

Instrument :

BNA_N

ClientSampleId :

RE109D3-20220322

Tgt Ion:240 Resp: 9778

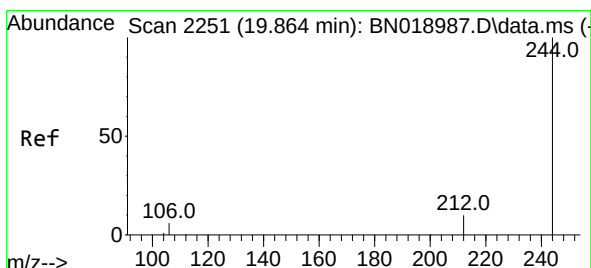
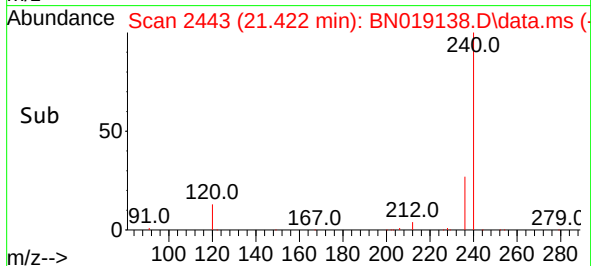
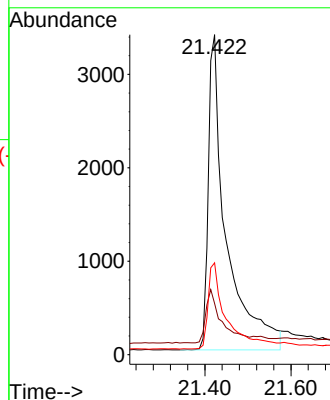
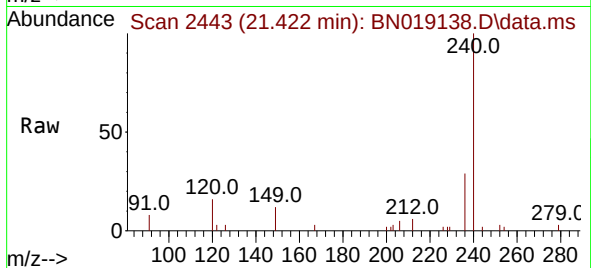
Ion	Ratio	Lower	Upper
240	100		
120	16.0	8.5	12.7
236	28.7	22.4	33.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/25/2022

Supervised By :Jagrut Upadhyay 03/25/2022



#31

Terphenyl-d14

Concen: 0.335 ng

RT: 19.856 min Scan# 2249

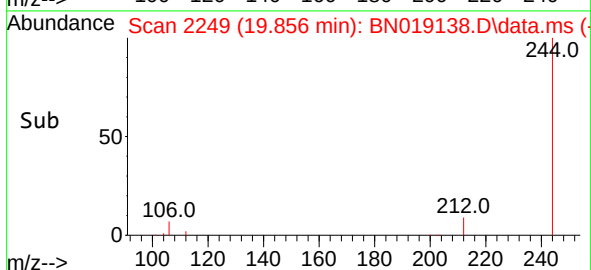
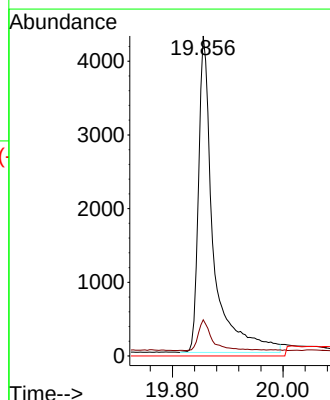
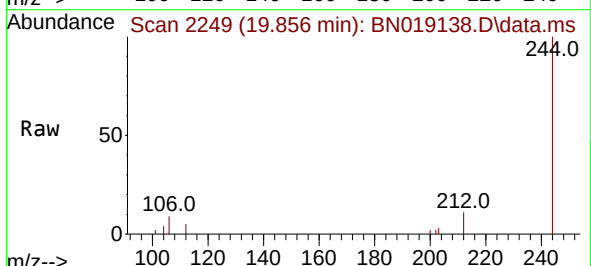
Delta R.T. -0.008 min

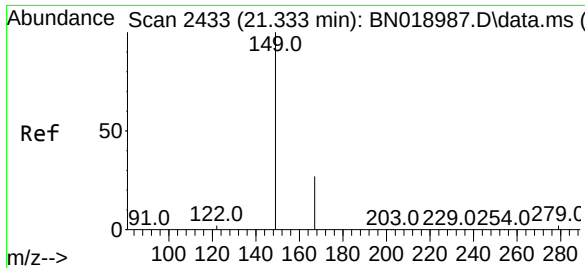
Lab File: BN019138.D

Acq: 24 Mar 2022 22:20

Tgt Ion:244 Resp: 8035

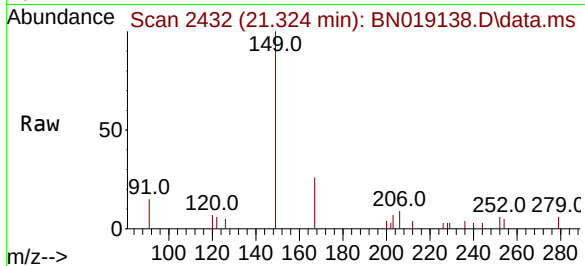
Ion	Ratio	Lower	Upper
244	100		
212	11.3	8.2	12.4
122	0.0	0.0	0.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.082 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN019138.D
Acq: 24 Mar 2022 22:20

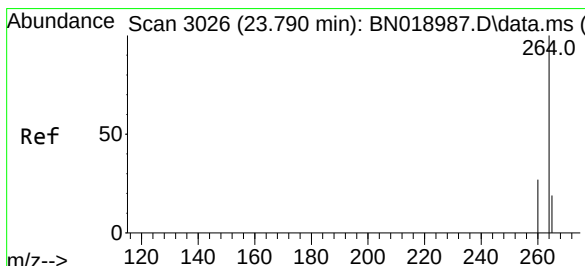
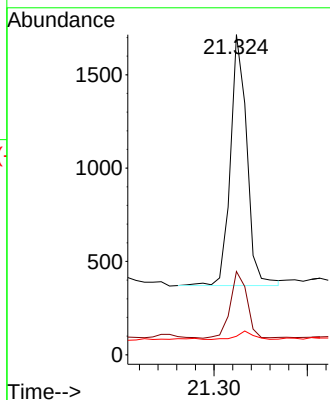
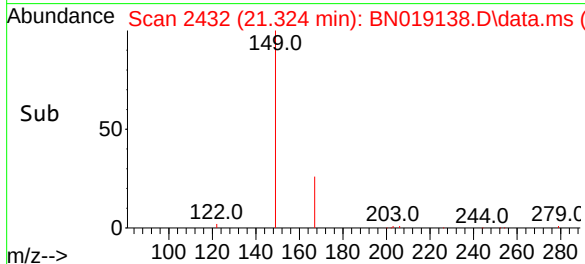
Instrument :
BNA_N
ClientSampleId :
RE109D3-20220322



Tgt Ion:149 Resp: 164
Ion Ratio Lower Upper
149 100
167 27.0 21.8 32.8
279 3.3 2.0 3.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.785 min Scan# 3024
Delta R.T. -0.006 min
Lab File: BN019138.D
Acq: 24 Mar 2022 22:20

Tgt Ion:264 Resp: 7449
Ion Ratio Lower Upper
264 100
260 28.2 22.4 33.6
265 46.7 25.3 37.9

