

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030322\
 Data File : BN018814.D
 Acq On : 03 Mar 2022 07:02
 Operator : CG/JU
 Sample : N1719-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT-148-IDWSO-20220228

Quant Time: Mar 03 07:35:48 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN030322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 03 00:44:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	5078	0.400	ng	0.00
7) Naphthalene-d8	10.712	136	14191	0.400	ng	#-0.01
13) Acenaphthene-d10	14.538	164	8989	0.400	ng	0.00
19) Phenanthrene-d10	17.277	188	21842	0.400	ng	0.00
29) Chrysene-d12	21.458	240	19734	0.400	ng	# 0.00
35) Perylene-d12	23.852	264	17135	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.464	112	3935	0.354	ng	0.00
5) Phenol-d6	7.060	99	4950	0.371	ng	0.00
8) Nitrobenzene-d5	9.057	82	3147m	0.304	ng	-0.01
11) 2-Methylnaphthalene-d10	12.303	152	7555	0.327	ng	0.00
14) 2,4,6-Tribromophenol	16.026	330	1064	0.257	ng	0.00
15) 2-Fluorobiphenyl	13.170	172	12318	0.320	ng	0.00
27) Fluoranthene-d10	19.308	212	22775	0.354	ng	0.00
31) Terphenyl-d14	19.902	244	13793	0.327	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.765	128	3475	0.085	ng	96
12) 2-Methylnaphthalene	12.374	142	765	0.027	ng	# 88
25) Phenanthrene	17.318	178	3966	0.055	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.369	149	9032	0.197	ng	97

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

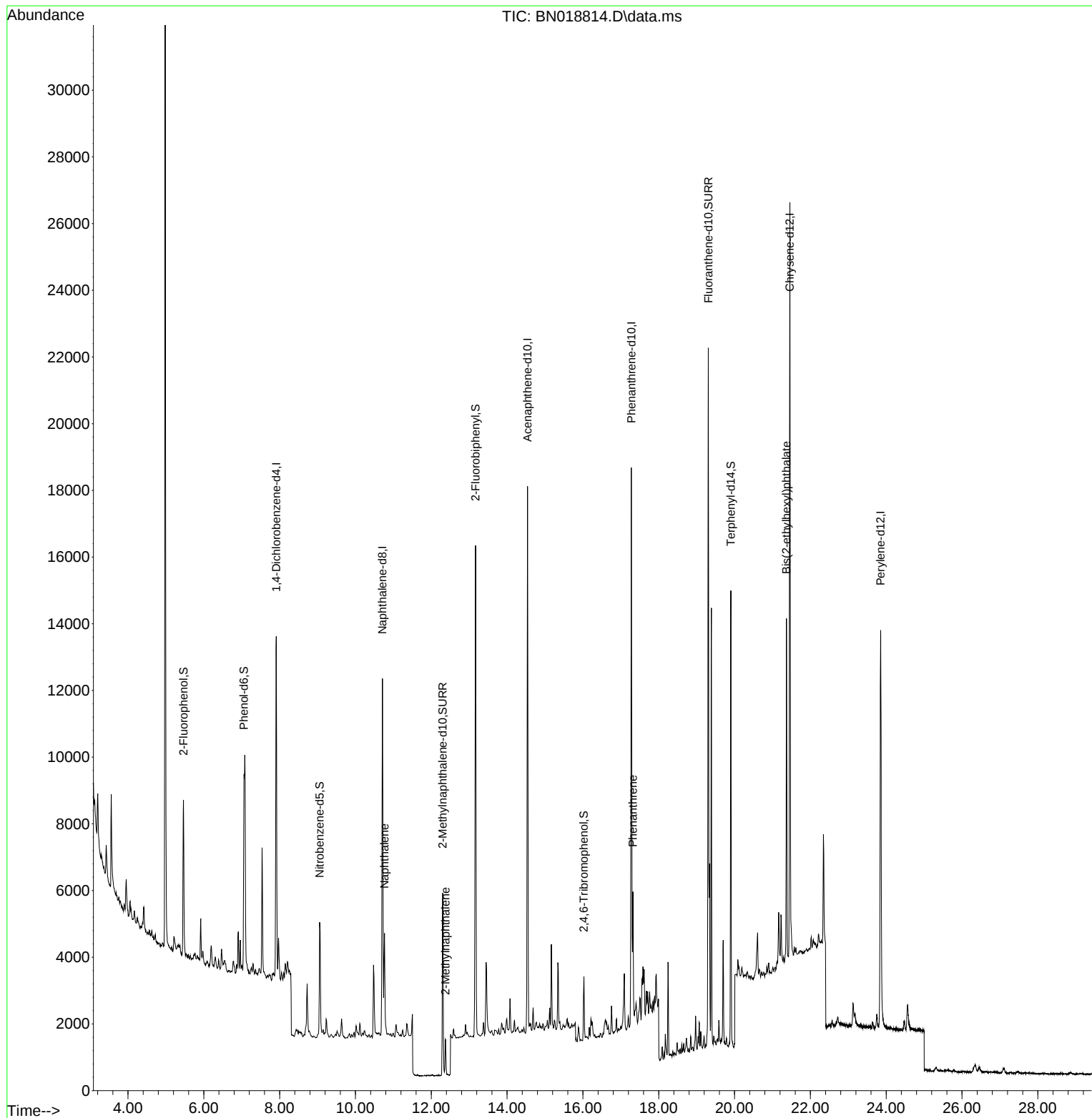
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Data File : BN018814.D
Acq On : 03 Mar 2022 07:02
Operator : CG/JU
Sample : N1719-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

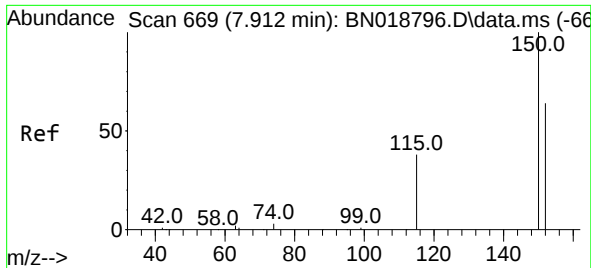
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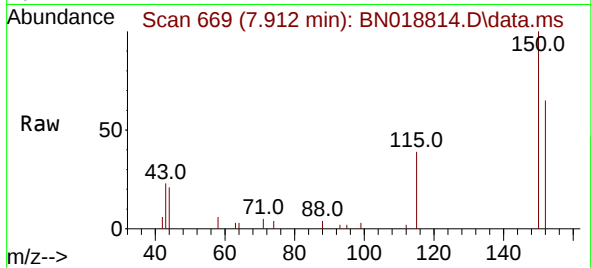
Reviewed By : Christian Giraldo 03/03/2022
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#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.912 min Scan# 669
Delta R.T. 0.000 min
Lab File: BN018814.D
Acq: 03 Mar 2022 07:02

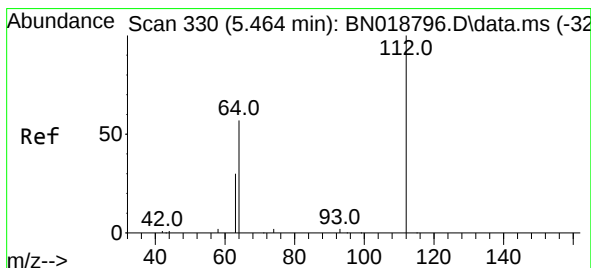
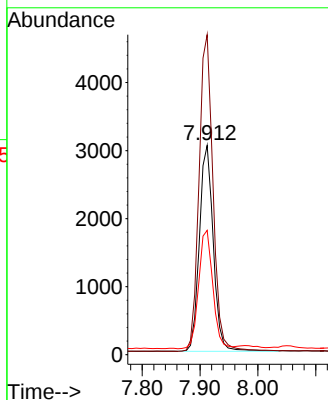
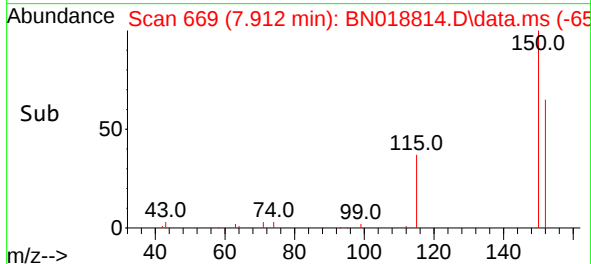
Instrument :
BNA_N
ClientSampleId :
TT-148-IDWSO-20220228



Tgt Ion:152 Resp: 5078
Ion Ratio Lower Upper
152 100
150 152.9 123.9 185.9
115 59.4 48.2 72.4

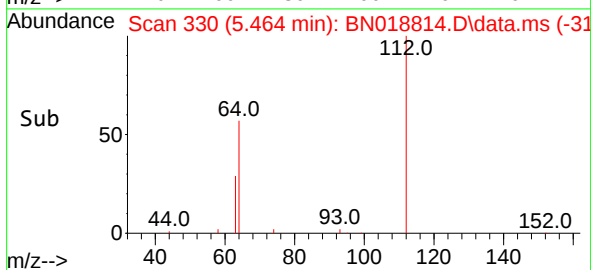
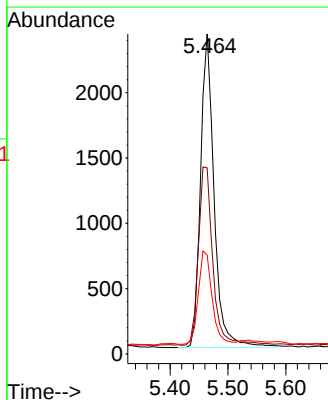
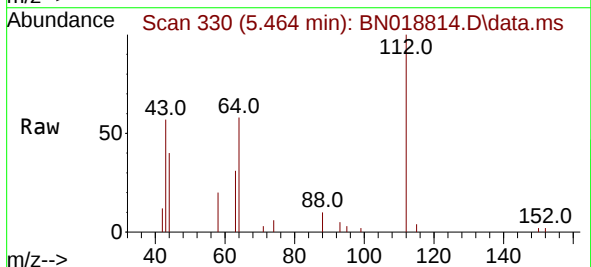
Manual Integrations
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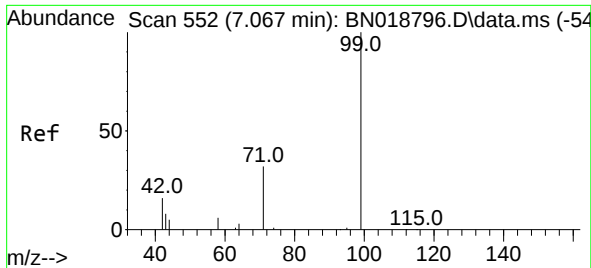
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#4
2-Fluorophenol
Concen: 0.354 ng
RT: 5.464 min Scan# 330
Delta R.T. 0.000 min
Lab File: BN018814.D
Acq: 03 Mar 2022 07:02

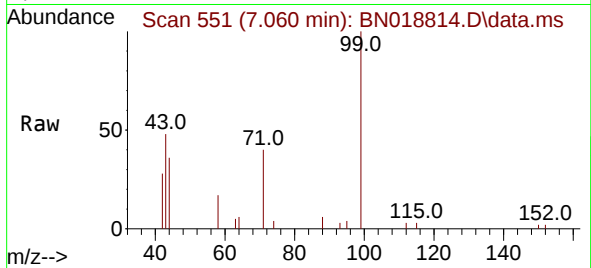
Tgt Ion:112 Resp: 3935
Ion Ratio Lower Upper
112 100
64 60.8 47.8 71.8
63 30.2 25.7 38.5





#5
Phenol-d6
Concen: 0.371 ng
RT: 7.060 min Scan# 511
Delta R.T. -0.007 min
Lab File: BN018814.D
Acq: 03 Mar 2022 07:02

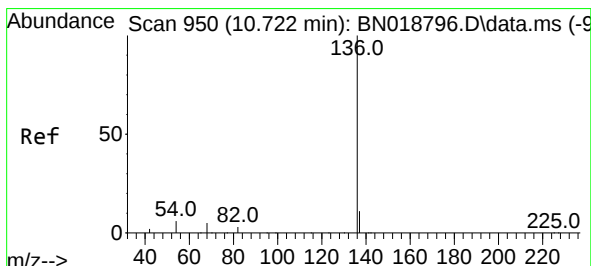
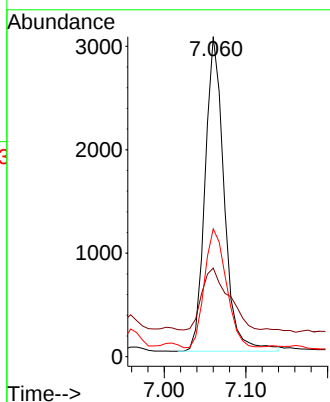
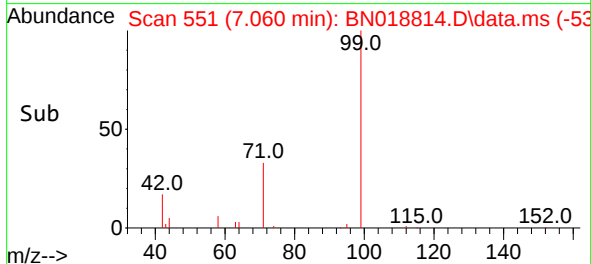
Instrument :
BNA_N
ClientSampleId :
TT-148-IDWSO-20220228



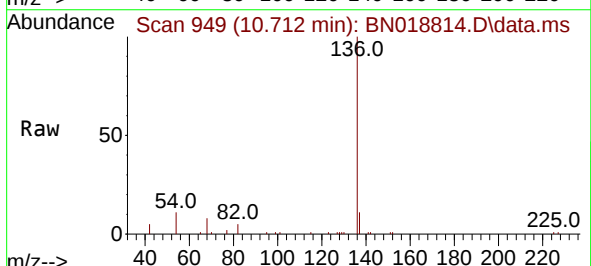
Tgt Ion: 99 Resp: 4950
Ion Ratio Lower Upper
99 100
42 27.6 16.2 24.4#
71 43.2 27.7 41.5#

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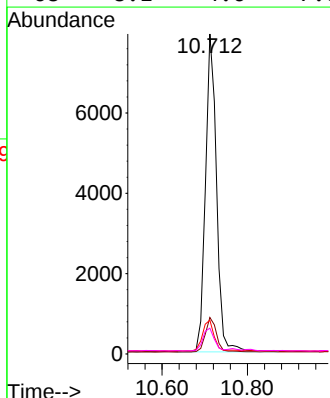
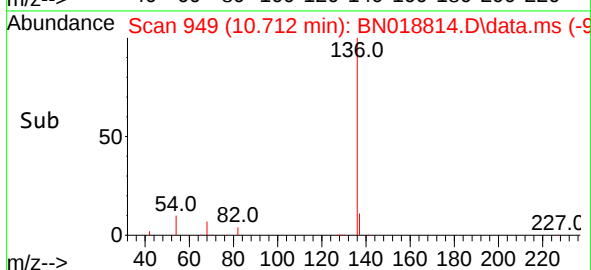
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

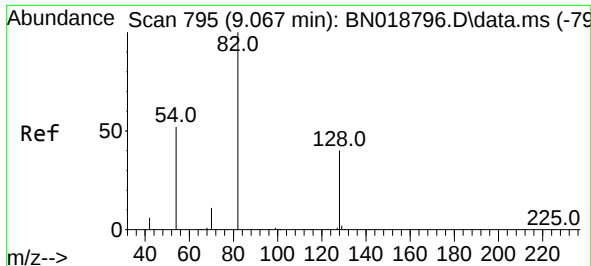


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.712 min Scan# 949
Delta R.T. -0.011 min
Lab File: BN018814.D
Acq: 03 Mar 2022 07:02



Tgt Ion:136 Resp: 14191
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 10.5 5.8 8.6#
68 8.1 4.6 7.0#





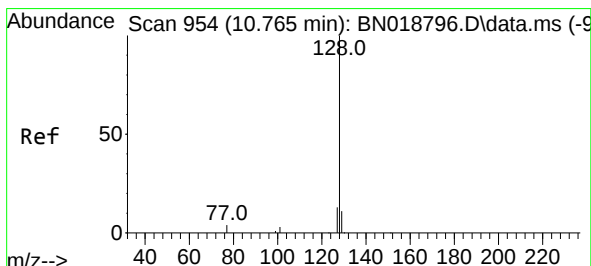
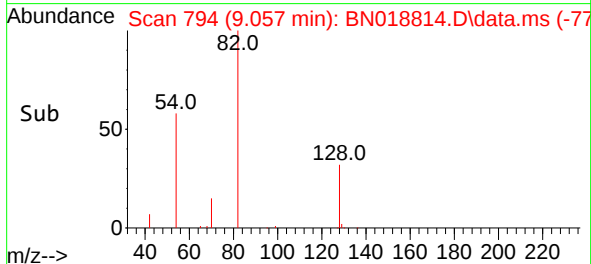
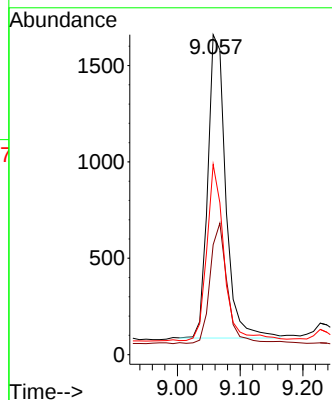
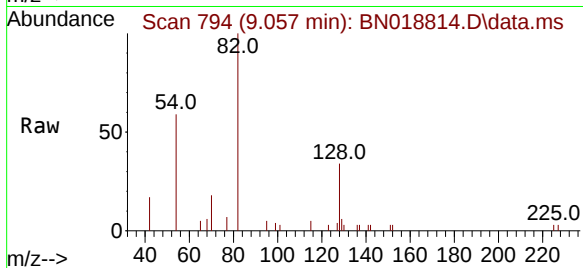
#8
Nitrobenzene-d5
Concen: 0.304 ng m
RT: 9.057 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN018814.D
Acq: 03 Mar 2022 07:02

Instrument :
BNA_N
ClientSampleId :
TT-148-IDWSO-20220228

Tgt Ion: 82 Resp: 314
Ion Ratio Lower Upper
82 100
128 34.3 33.0 49.6
54 59.5 42.5 63.7

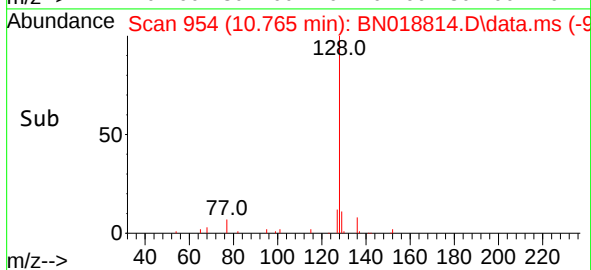
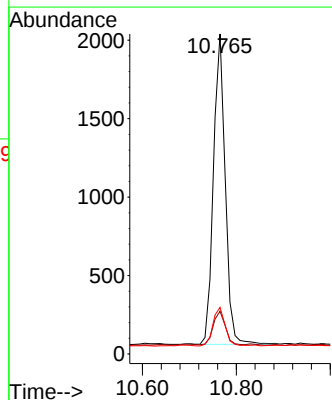
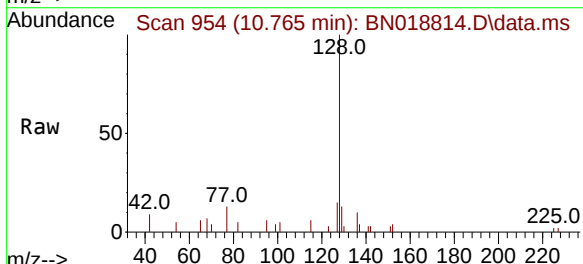
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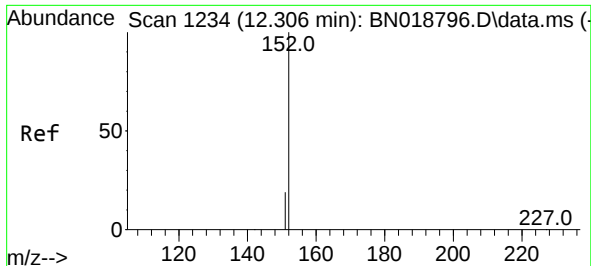
Reviewed By :Christian Giraldo 03/03/2022
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#9
Naphthalene
Concen: 0.085 ng
RT: 10.765 min Scan# 954
Delta R.T. 0.000 min
Lab File: BN018814.D
Acq: 03 Mar 2022 07:02

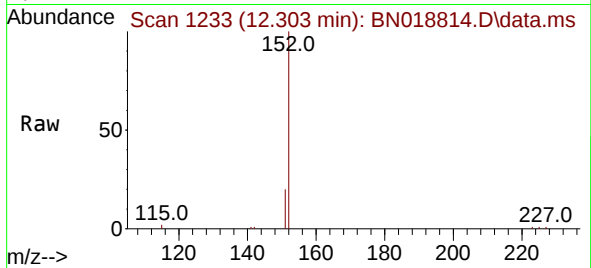
Tgt Ion:128 Resp: 3475
Ion Ratio Lower Upper
128 100
129 13.4 9.0 13.4
127 14.6 10.7 16.1





#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 12.303 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN018814.D
Acq: 03 Mar 2022 07:02

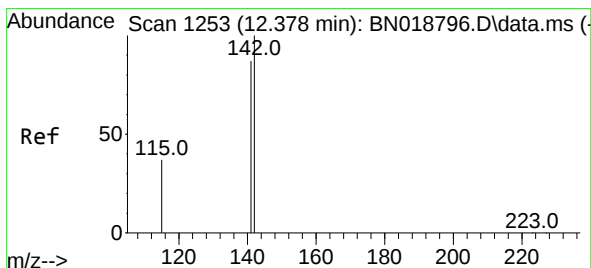
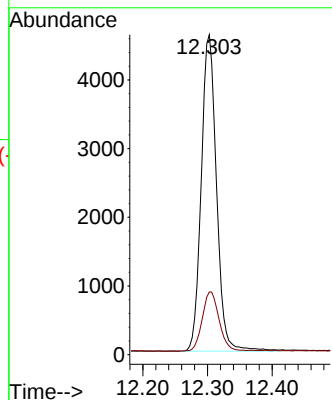
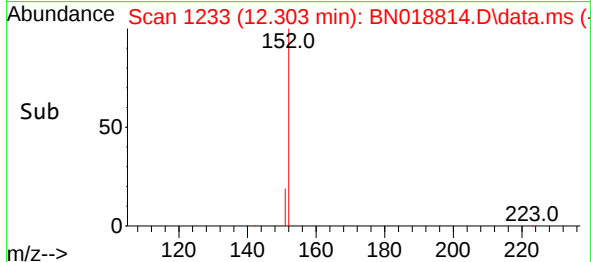
Instrument :
BNA_N
ClientSampleId :
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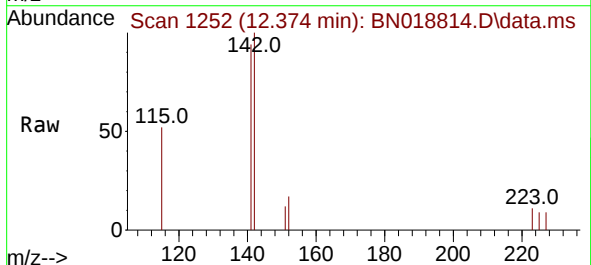
Tgt Ion:152 Resp: 755
Ion Ratio Lower Upper
152 100
151 20.7 16.5 24.7

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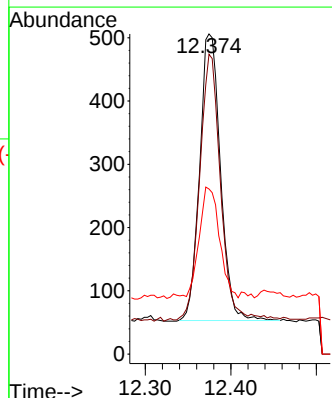
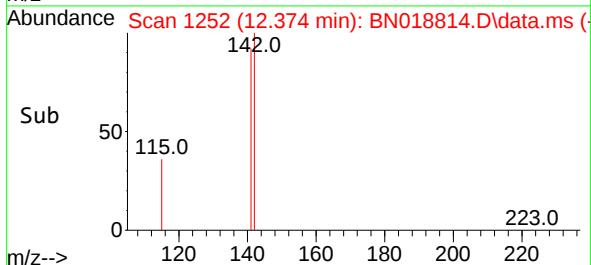
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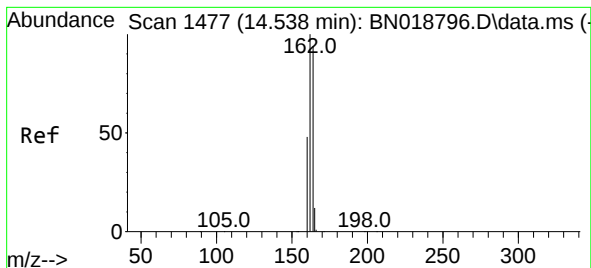


#12
2-Methylnaphthalene
Concen: 0.027 ng
RT: 12.374 min Scan# 1252
Delta R.T. -0.004 min
Lab File: BN018814.D
Acq: 03 Mar 2022 07:02



Tgt Ion:142 Resp: 765
Ion Ratio Lower Upper
142 100
141 93.7 70.0 105.0
115 51.6 29.8 44.8#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.538 min Scan# 1477

Delta R.T. 0.000 min

Lab File: BN018814.D

Acq: 03 Mar 2022 07:02

Instrument :

BNA_N

ClientSampleId :

TT-148-IDWSO-20220228

Tgt Ion:164 Resp: 898

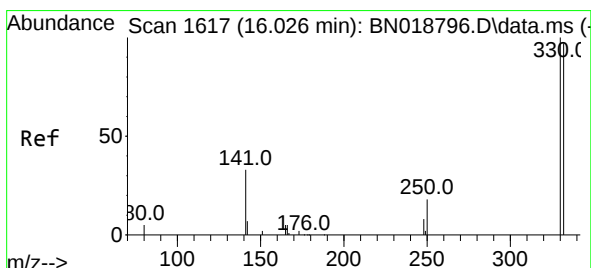
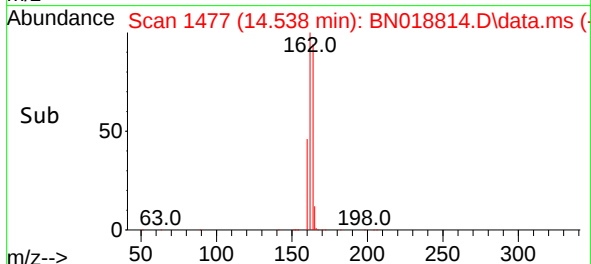
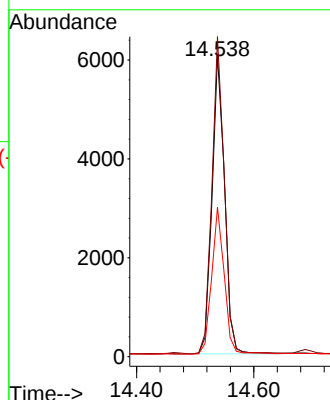
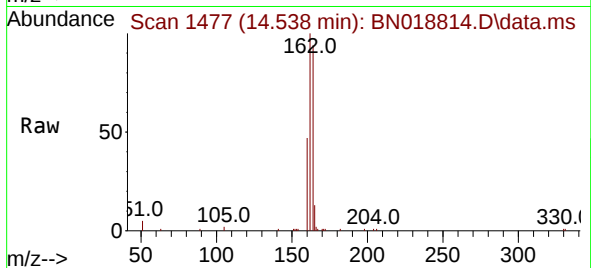
Ion	Ratio	Lower	Upper
164	100		
162	106.1	85.2	127.8
160	49.6	41.5	62.3

Manual Integrations

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#14

2,4,6-Tribromophenol

Concen: 0.257 ng

RT: 16.026 min Scan# 1617

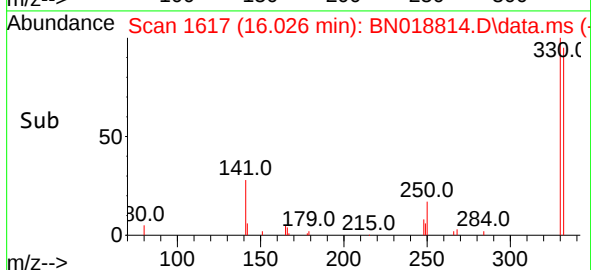
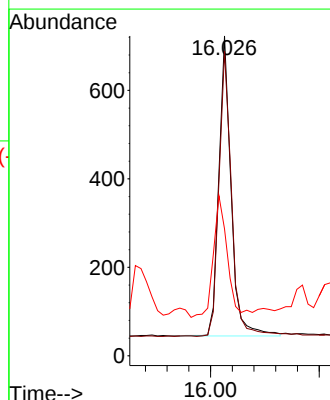
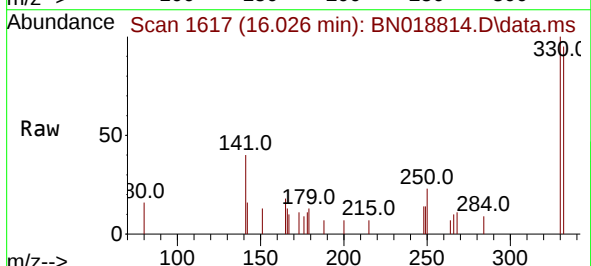
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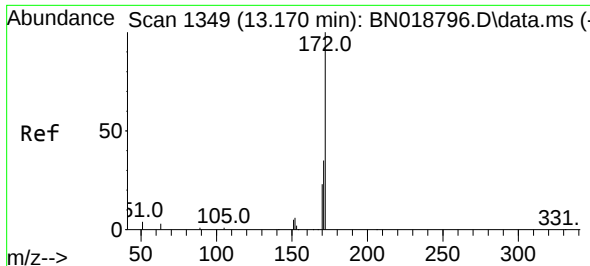
Lab File: BN018814.D

Acq: 03 Mar 2022 07:02

Tgt Ion:330 Resp: 1064

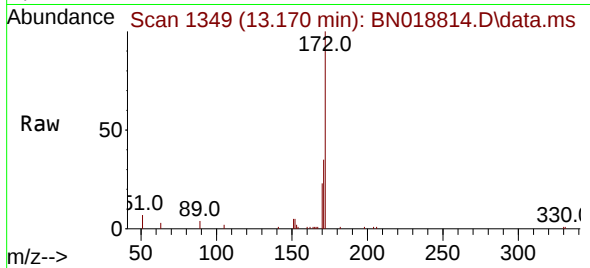
Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.8	115.2
141	46.4	32.2	48.2





#15
2-Fluorobiphenyl
Concen: 0.320 ng
RT: 13.170 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BN018814.D
Acq: 03 Mar 2022 07:02

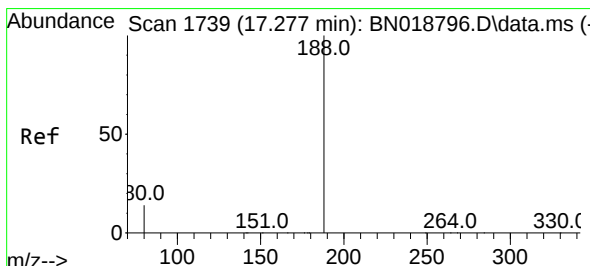
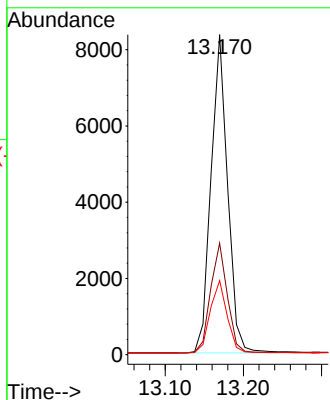
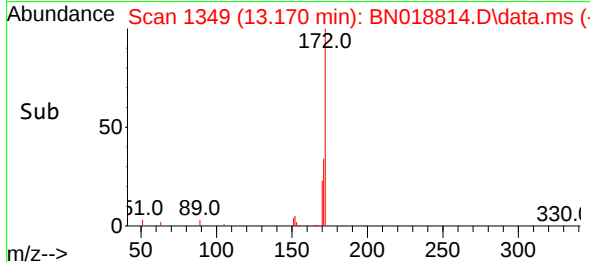
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ClientSampleId :
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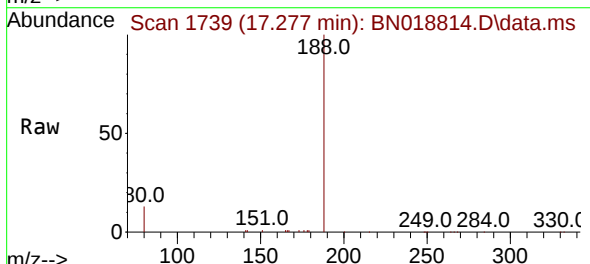
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Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.2 18.7 28.1

Manual Integrations
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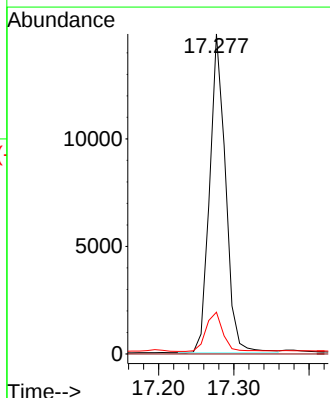
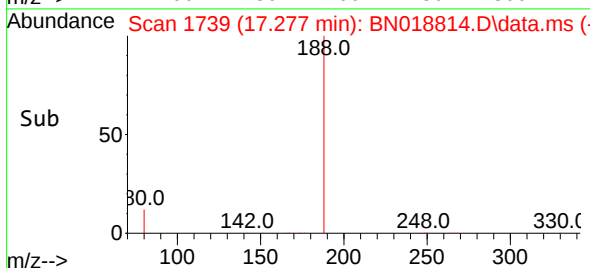
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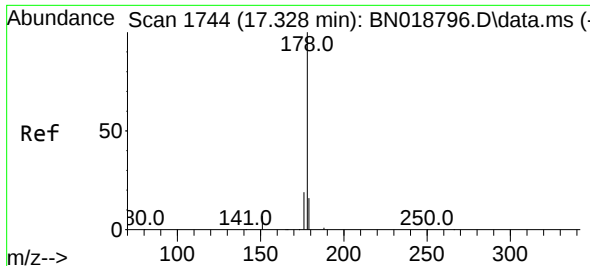


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.277 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN018814.D
Acq: 03 Mar 2022 07:02



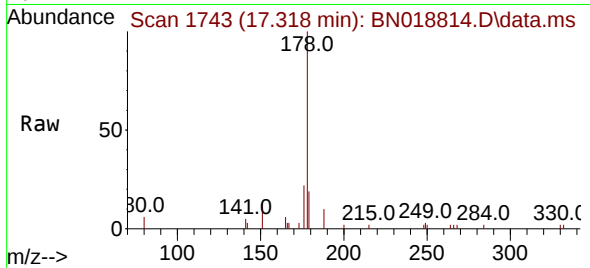
Tgt Ion:188 Resp: 21842
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.1 11.8 17.8





#25
Phenanthrene
Concen: 0.055 ng
RT: 17.318 min Scan# 1119
Delta R.T. -0.010 min
Lab File: BN018814.D
Acq: 03 Mar 2022 07:02

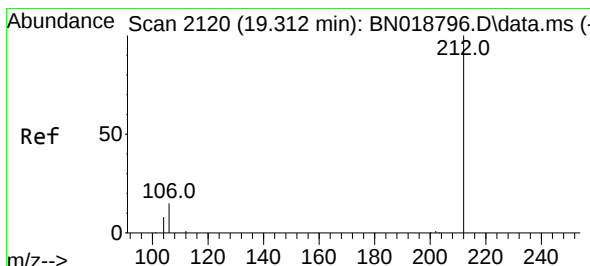
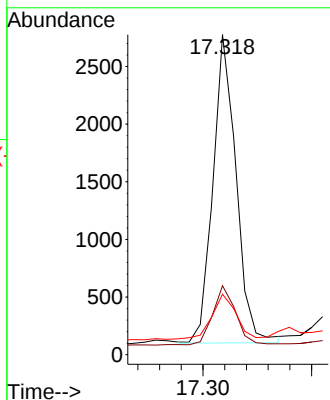
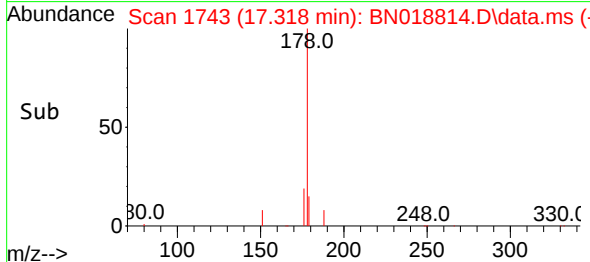
Instrument :
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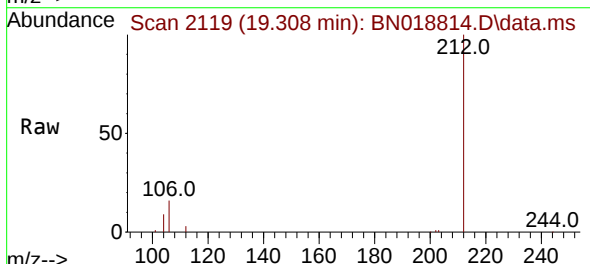
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Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 22.2 12.2 18.2

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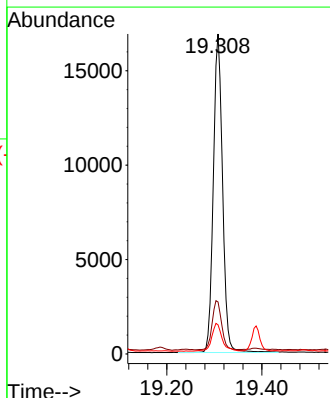
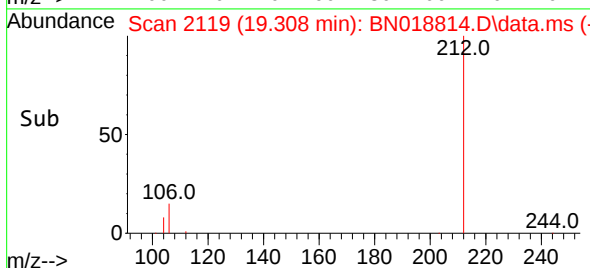
Reviewed By :Christian Giraldo 03/03/2022
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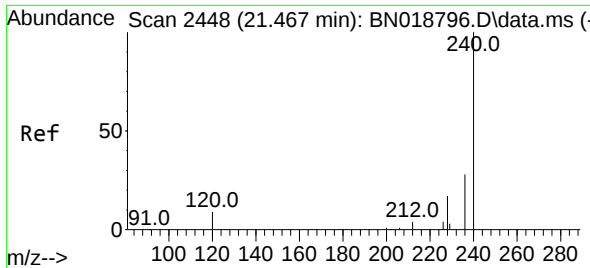


#27
Fluoranthene-d10
Concen: 0.354 ng
RT: 19.308 min Scan# 2119
Delta R.T. -0.004 min
Lab File: BN018814.D
Acq: 03 Mar 2022 07:02



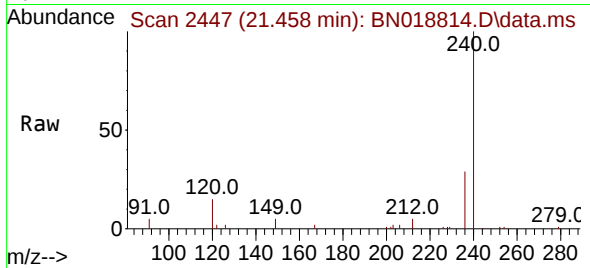
Tgt Ion:212 Resp: 22775
Ion Ratio Lower Upper
212 100
106 15.6 12.7 19.1
104 9.6 7.1 10.7





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.458 min Scan# 2448
Delta R.T. -0.009 min
Lab File: BN018814.D
Acq: 03 Mar 2022 07:02

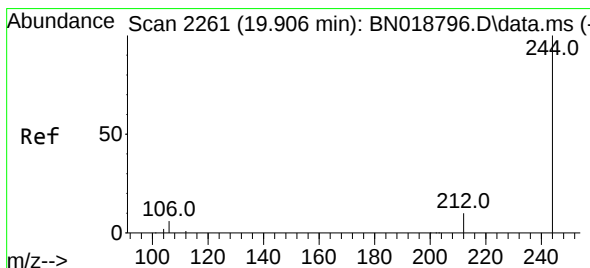
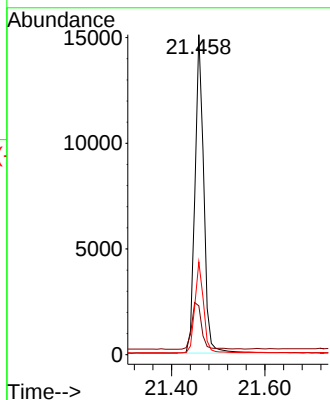
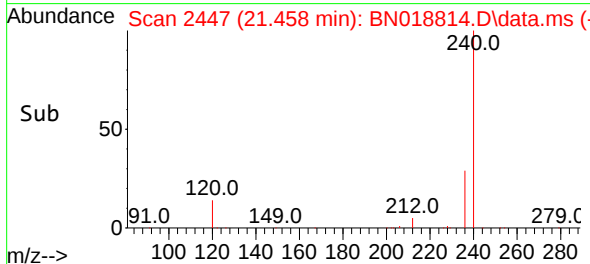
Instrument :
BNA_N
ClientSampleId :
TT-148-IDWSO-20220228



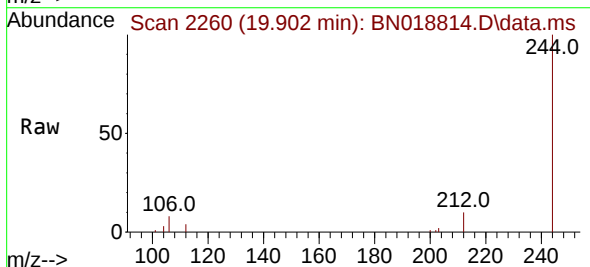
Tgt Ion:240 Resp: 19734
Ion Ratio Lower Upper
240 100
120 15.3 8.5 12.7
236 29.0 22.4 33.6

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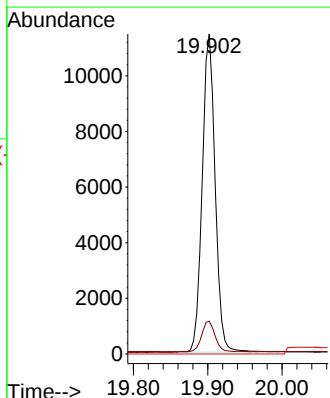
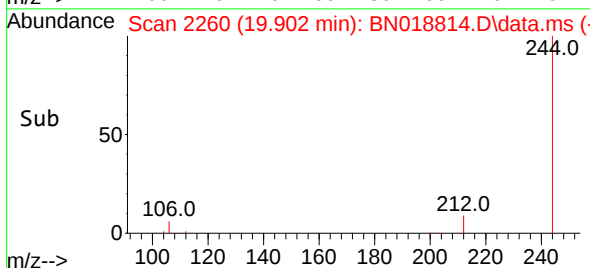
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

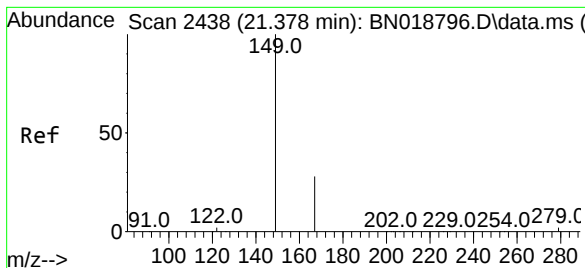


#31
Terphenyl-d14
Concen: 0.327 ng
RT: 19.902 min Scan# 2260
Delta R.T. -0.004 min
Lab File: BN018814.D
Acq: 03 Mar 2022 07:02



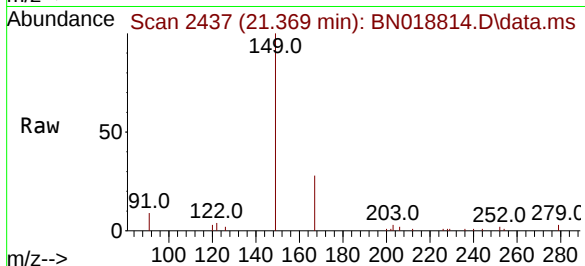
Tgt Ion:244 Resp: 13793
Ion Ratio Lower Upper
244 100
212 10.2 8.2 12.4
122 0.0 0.0 0.0





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.197 ng
 RT: 21.369 min Scan# 2437
 Delta R.T. -0.009 min
 Lab File: BN018814.D
 Acq: 03 Mar 2022 07:02

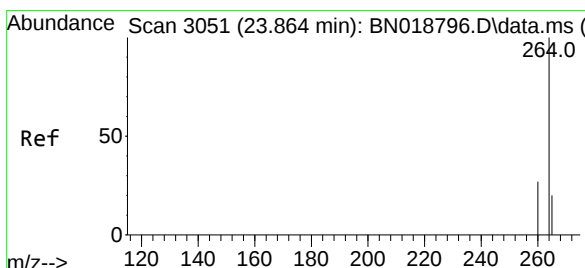
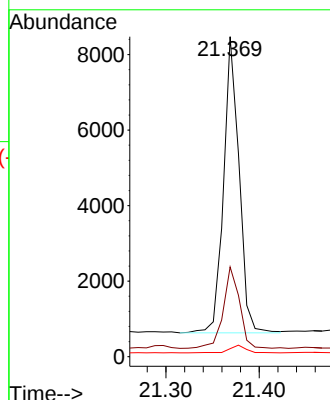
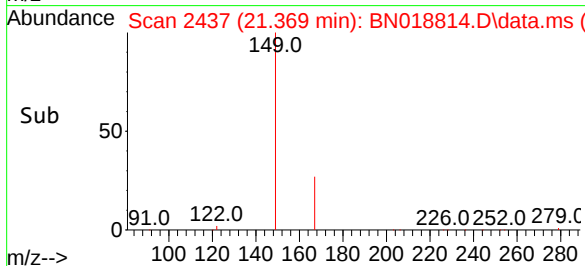
Instrument :
 BNA_N
 ClientSampleId :
 TT-148-IDWSO-20220228



Tgt Ion:149 Resp: 9032
 Ion Ratio Lower Upper
 149 100
 167 29.0 21.8 32.8
 279 2.8 2.0 3.0

Manual Integrations
 APPROVED

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



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.852 min Scan# 3047
 Delta R.T. -0.012 min
 Lab File: BN018814.D
 Acq: 03 Mar 2022 07:02

Tgt Ion:264 Resp: 17135
 Ion Ratio Lower Upper
 264 100
 260 27.8 22.4 33.6
 265 28.4 25.3 37.9

