

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
 Data File : BN017999.D
 Acq On : 14 Dec 2021 12:16
 Operator : CG/JU
 Sample : M4922-17
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20211130

Quant Time: Dec 15 02:19:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 01:08:04 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/15/2021
 Supervised By :Jagrut Upadhyay 12/15/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	26819	0.400	ng	0.00
7) Naphthalene-d8	10.470	136	103464	0.400	ng	0.00
13) Acenaphthene-d10	14.320	164	67152	0.400	ng	0.00
19) Phenanthrene-d10	17.066	188	138584	0.400	ng	0.00
29) Chrysene-d12	21.270	240	133092	0.400	ng	0.00
35) Perylene-d12	23.550	264	127698	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.310	112	7747	0.133	ng	0.02
5) Phenol-d6	6.877	99	4019	0.069	ng	0.00
8) Nitrobenzene-d5	8.835	82	17267	0.235	ng	0.00
11) 2-Methylnaphthalene-d10	12.070	152	41536	0.242	ng	0.00
14) 2,4,6-Tribromophenol	15.817	330	8094	0.379	ng	0.00
15) 2-Fluorobiphenyl	12.949	172	67206	0.287	ng	0.00
27) Fluoranthene-d10	19.103	212	156517	0.338	ng	0.00
31) Terphenyl-d14	19.708	244	129448	0.467	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.244	88	21937m	1.312	ng	Qvalue
25) Phenanthrene	17.103	178	9279m	0.026	ng	
28) Fluoranthene	19.133	202	10654	0.024	ng	99
34) Bis(2-ethylhexyl)phtha...	21.196	149	23490	0.119	ng	100

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

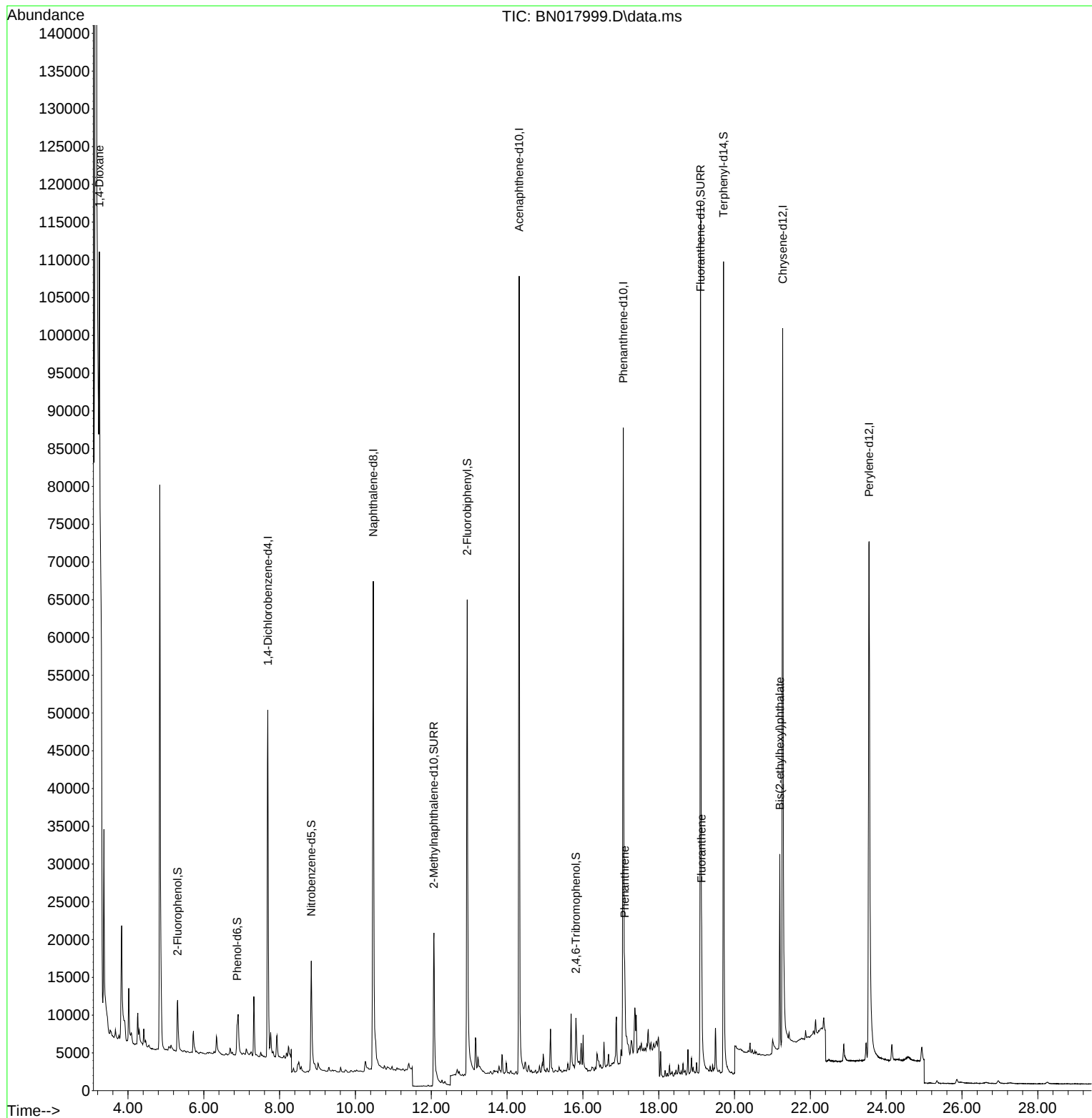
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
Data File : BN017999.D
Acq On : 14 Dec 2021 12:16
Operator : CG/JU
Sample : M4922-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

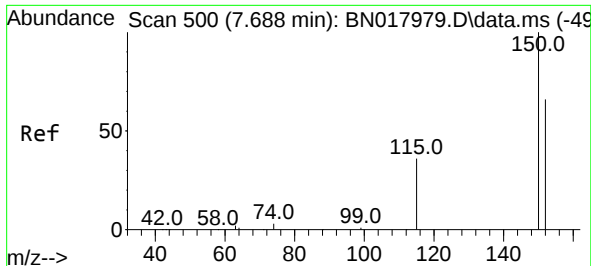
Instrument :
BNA_N
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RE139D2-20211130

Quant Time: Dec 15 02:19:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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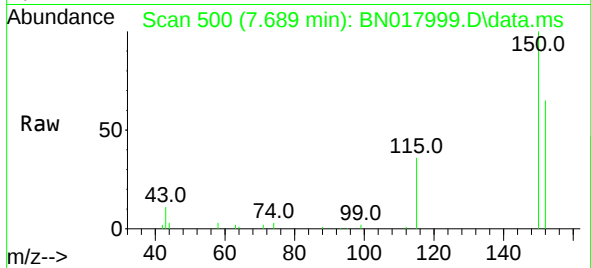
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Supervised By : Jagrut Upadhyay 12/15/2021





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.689 min Scan# 50
 Delta R.T. 0.001 min
 Lab File: BN017999.D
 Acq: 14 Dec 2021 12:16

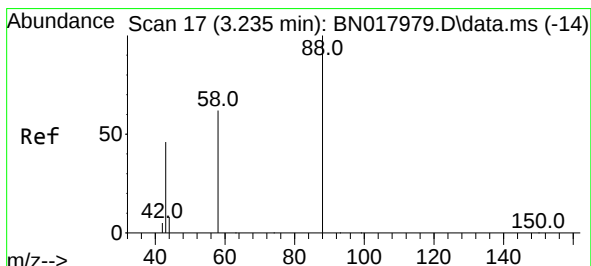
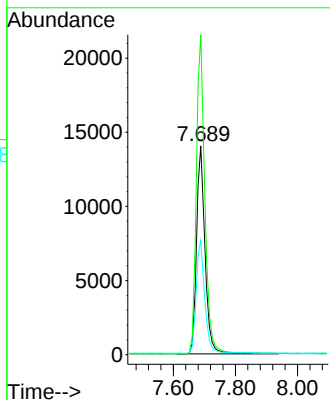
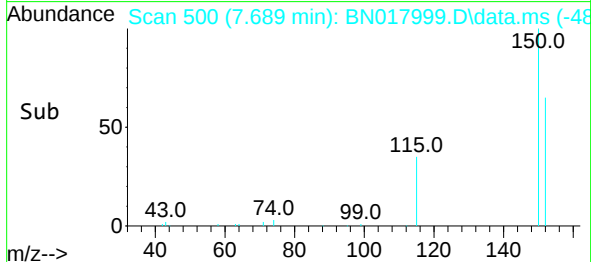
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 ClientSampleId :
 RE139D2-20211130



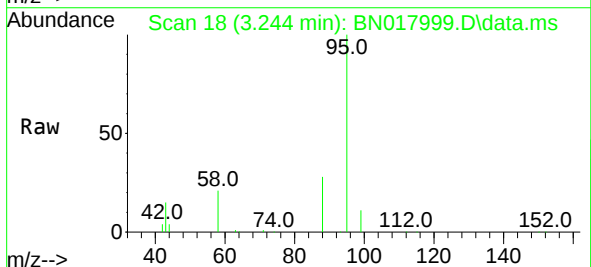
Tgt Ion:152 Resp: 26819
 Ion Ratio Lower Upper
 152 100
 150 153.3 121.7 182.5
 115 54.7 43.8 65.8

Manual Integrations
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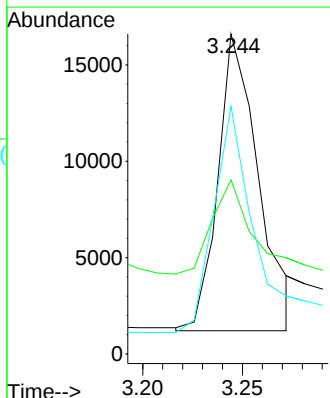
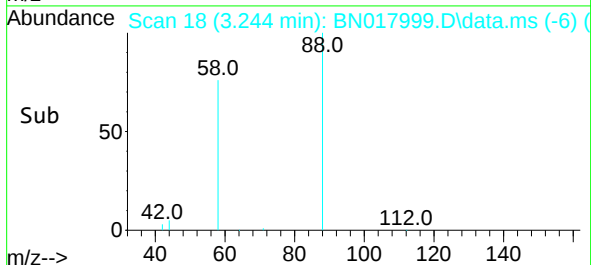
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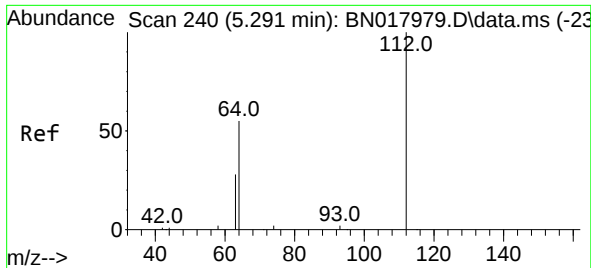


#2
 1,4-Dioxane
 Concen: 1.312 ng m
 RT: 3.244 min Scan# 18
 Delta R.T. 0.010 min
 Lab File: BN017999.D
 Acq: 14 Dec 2021 12:16



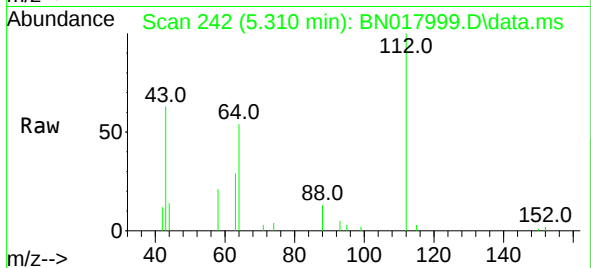
Tgt Ion: 88 Resp: 21937
 Ion Ratio Lower Upper
 88 100
 43 28.6 69.7 104.5#
 58 68.2 83.8 125.8#





#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.310 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN017999.D
Acq: 14 Dec 2021 12:16

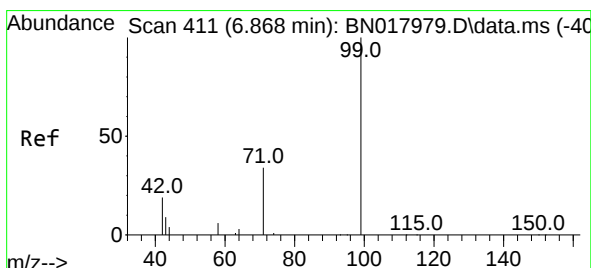
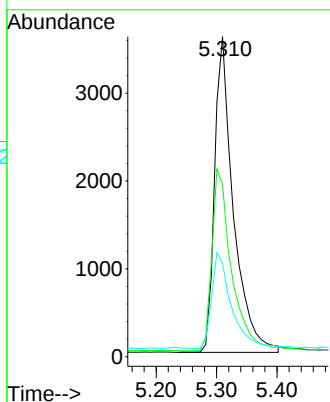
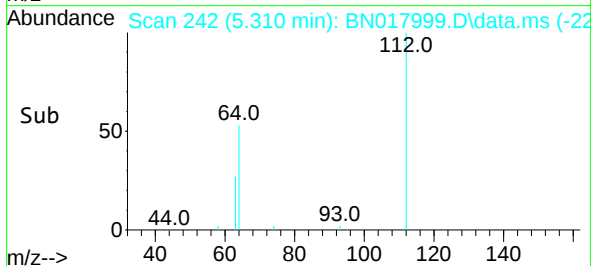
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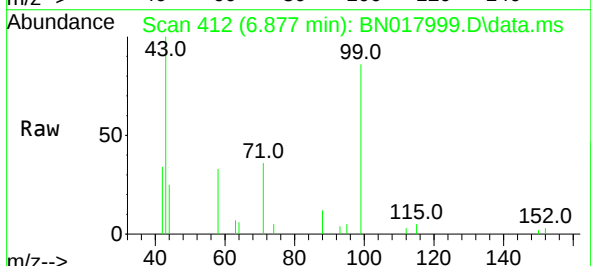
Tgt Ion: 112 Resp: 774
Ion Ratio Lower Upper
112 100
64 59.8 48.0 72.0
63 31.9 25.3 37.9

Manual Integrations
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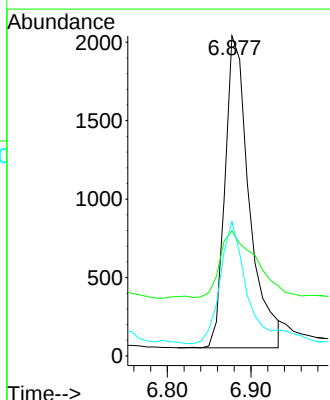
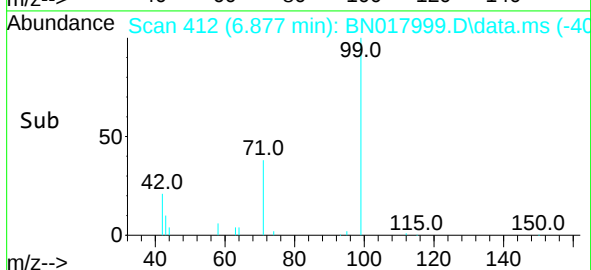
Reviewed By :Christian Giraldo 12/15/2021
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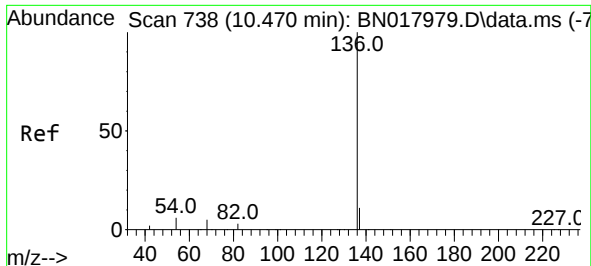


#5
Phenol-d6
Concen: 0.069 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.010 min
Lab File: BN017999.D
Acq: 14 Dec 2021 12:16



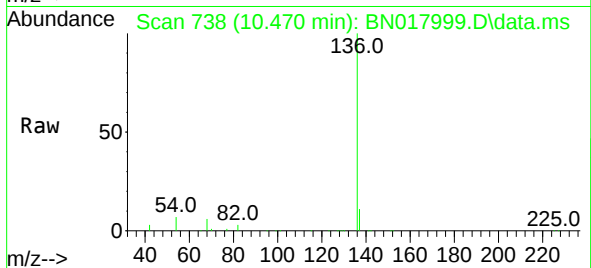
Tgt Ion: 99 Resp: 4019
Ion Ratio Lower Upper
99 100
42 30.7 16.3 24.5#
71 40.8 26.8 40.2#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.470 min Scan# 738
Delta R.T. 0.000 min
Lab File: BN017999.D
Acq: 14 Dec 2021 12:16

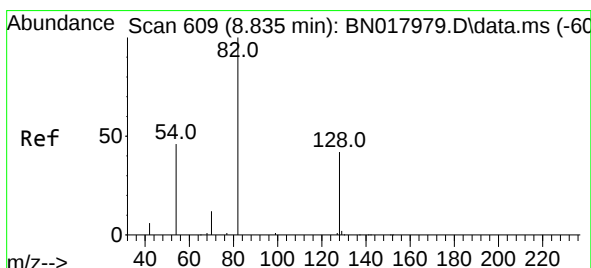
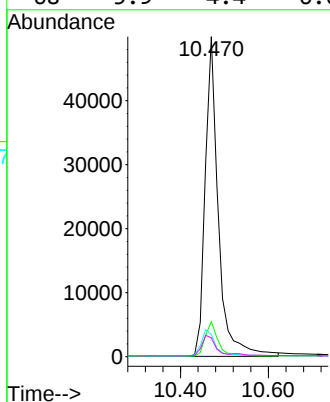
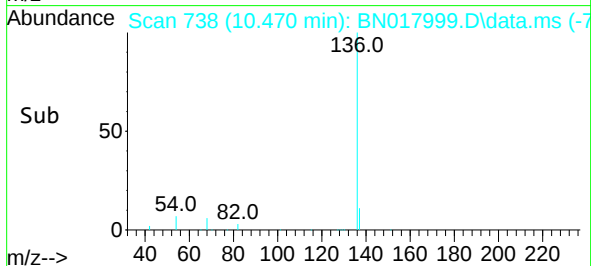
Instrument :
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Tgt Ion:136 Resp: 103464
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.0 5.0 7.6
68 5.9 4.4 6.6

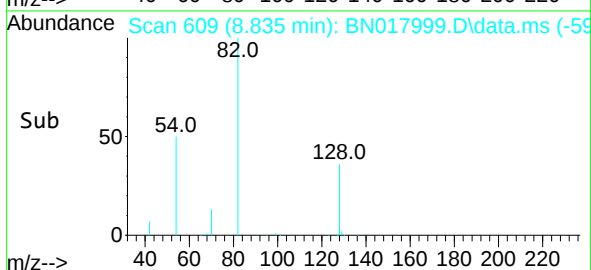
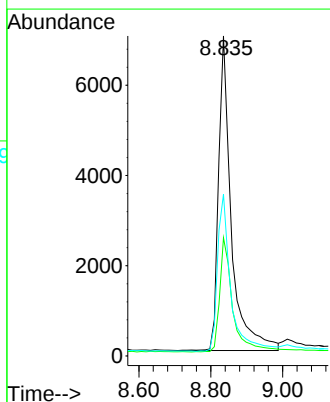
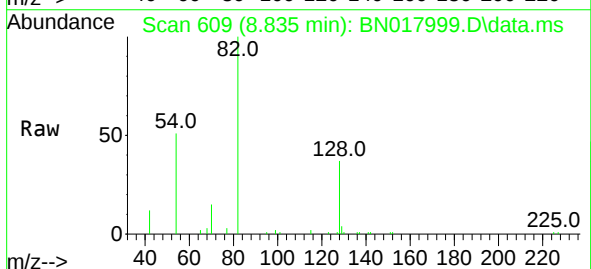
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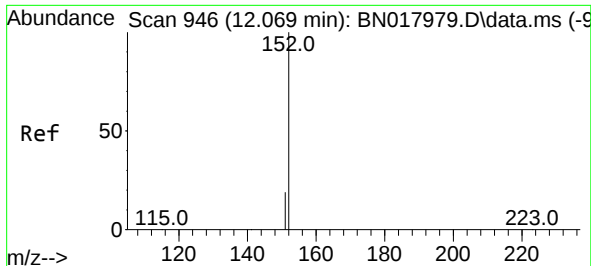
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#8
Nitrobenzene-d5
Concen: 0.235 ng
RT: 8.835 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN017999.D
Acq: 14 Dec 2021 12:16

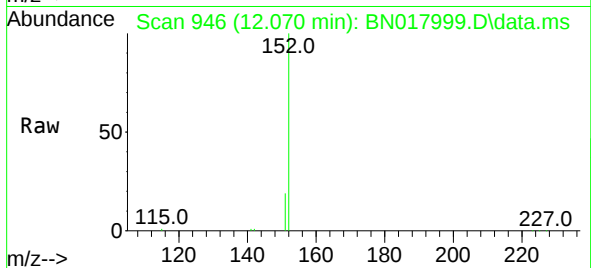
Tgt Ion: 82 Resp: 17267
Ion Ratio Lower Upper
82 100
128 36.9 33.7 50.5
54 50.6 36.6 55.0





#11
2-Methylnaphthalene-d10
Concen: 0.242 ng
RT: 12.070 min Scan# 946
Delta R.T. 0.000 min
Lab File: BN017999.D
Acq: 14 Dec 2021 12:16

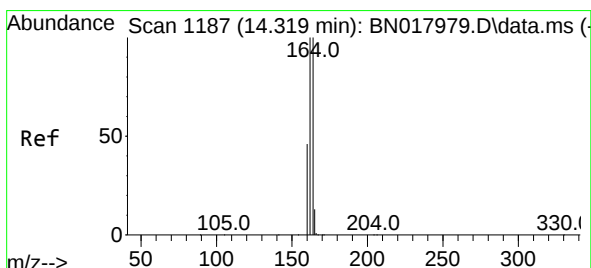
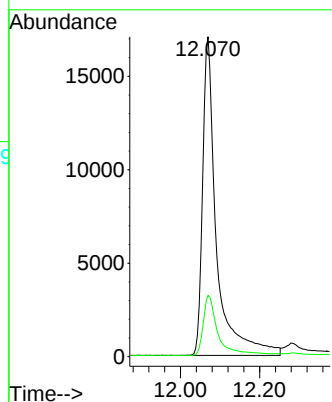
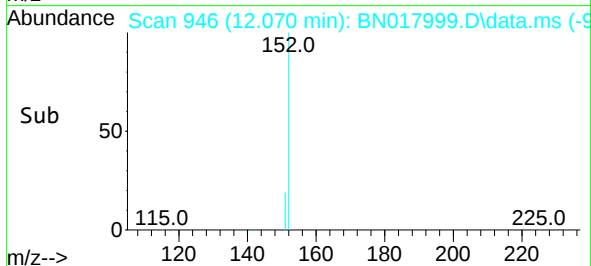
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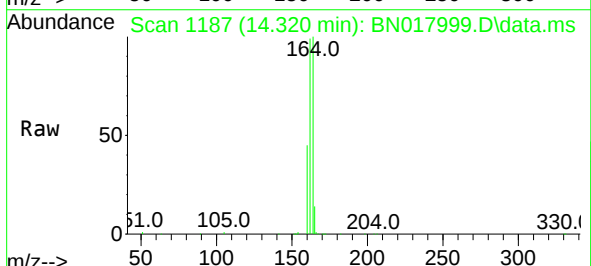
Tgt Ion:152 Resp: 41530
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2

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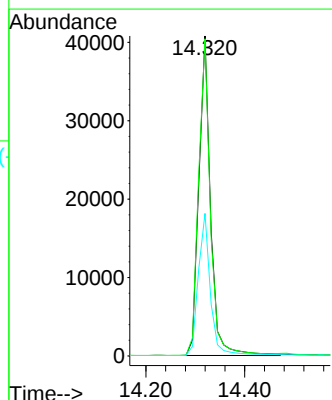
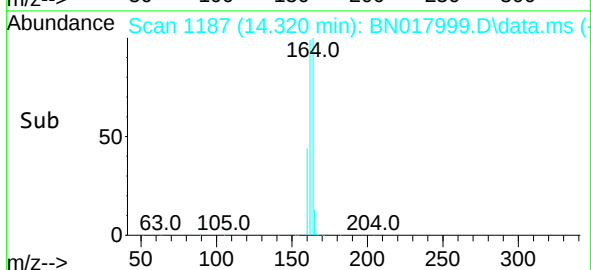
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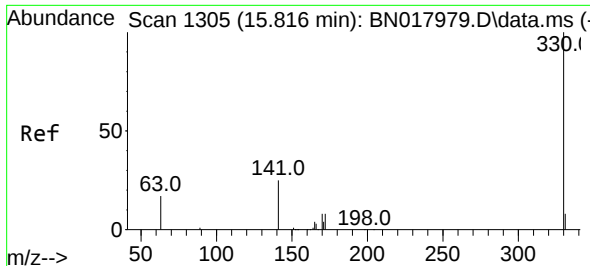


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.320 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BN017999.D
Acq: 14 Dec 2021 12:16



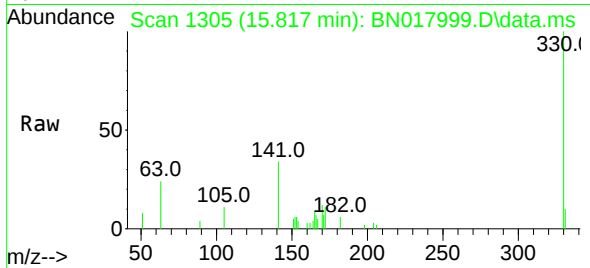
Tgt Ion:164 Resp: 67152
Ion Ratio Lower Upper
164 100
162 99.1 80.2 120.2
160 44.6 36.9 55.3





#14
2,4,6-Tribromophenol
Concen: 0.379 ng
RT: 15.817 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN017999.D
Acq: 14 Dec 2021 12:16

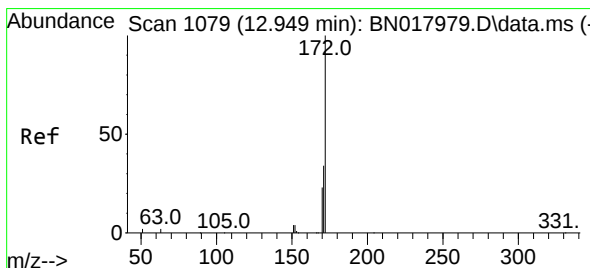
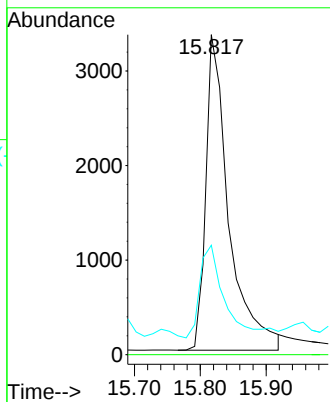
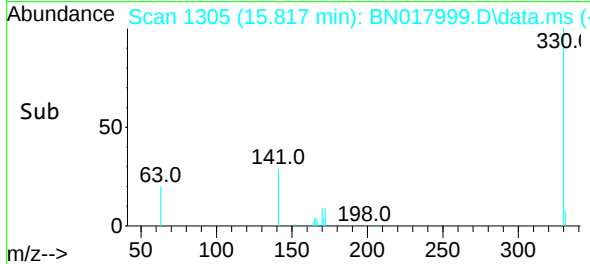
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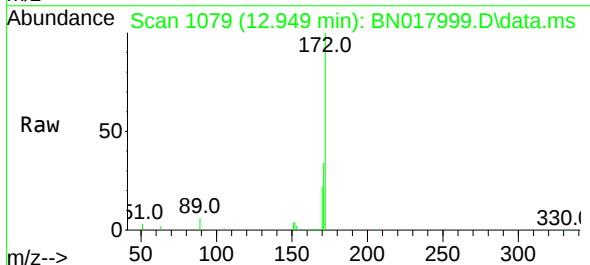
Tgt Ion:330 Resp: 8094
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.5 21.3 31.9

Manual Integrations
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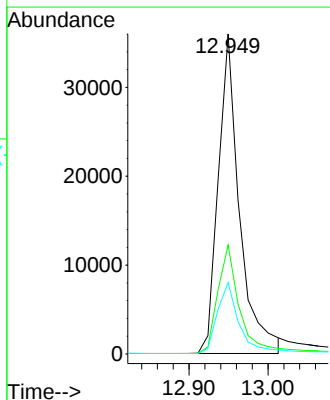
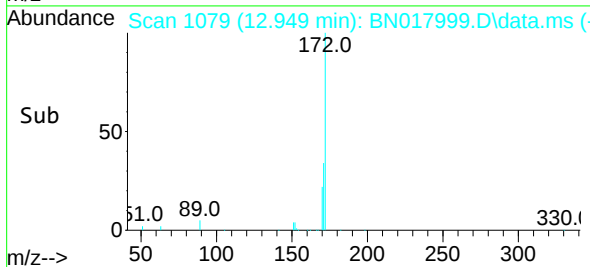
Reviewed By :Christian Giraldo 12/15/2021
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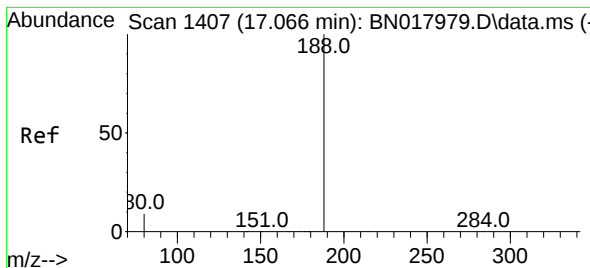


#15
2-Fluorobiphenyl
Concen: 0.287 ng
RT: 12.949 min Scan# 1079
Delta R.T. 0.000 min
Lab File: BN017999.D
Acq: 14 Dec 2021 12:16



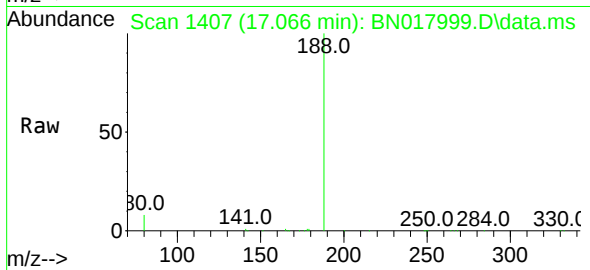
Tgt Ion:172 Resp: 67206
Ion Ratio Lower Upper
172 100
171 34.1 27.4 41.0
170 22.3 18.4 27.6





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN017999.D
Acq: 14 Dec 2021 12:16

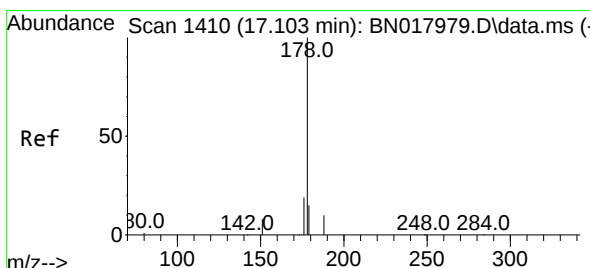
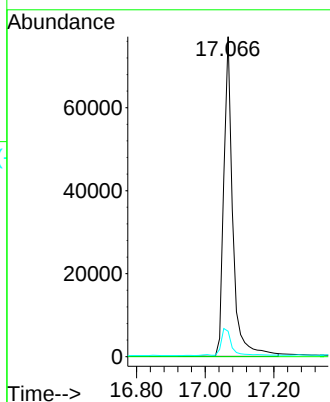
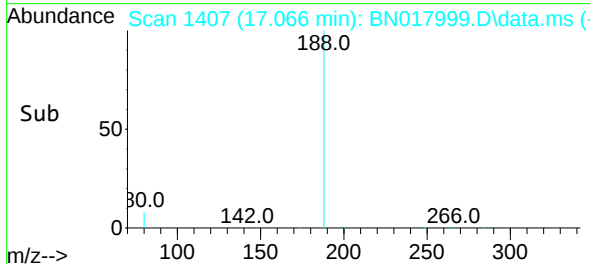
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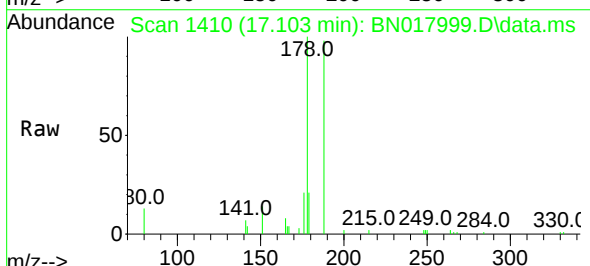
Tgt Ion:188 Resp: 138584
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.0 7.0 10.4

Manual Integrations
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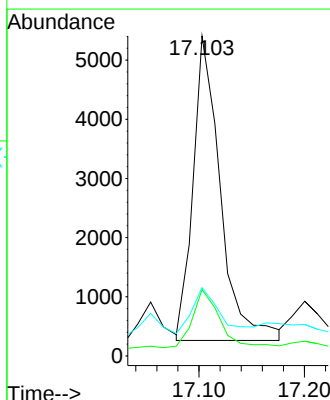
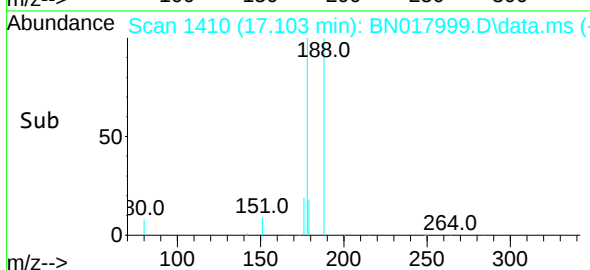
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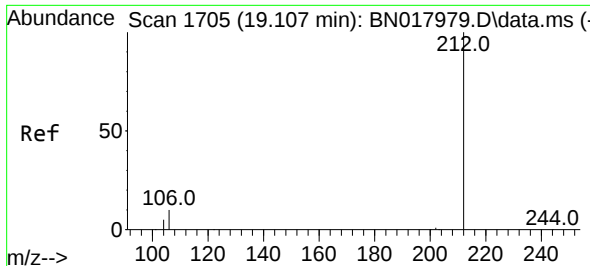


#25
Phenanthrene
Concen: 0.026 ng m
RT: 17.103 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BN017999.D
Acq: 14 Dec 2021 12:16



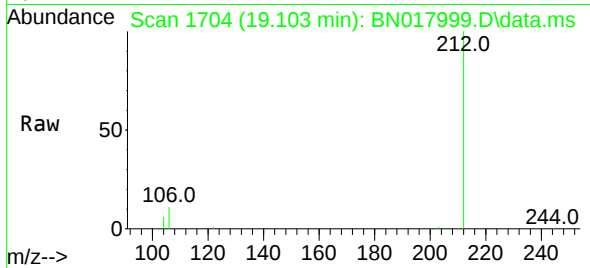
Tgt Ion:178 Resp: 9279
Ion Ratio Lower Upper
178 100
176 22.7 15.3 22.9
179 15.2 12.3 18.5





#27
Fluoranthene-d10
Concen: 0.338 ng
RT: 19.103 min Scan# 1710
Delta R.T. -0.005 min
Lab File: BN017999.D
Acq: 14 Dec 2021 12:16

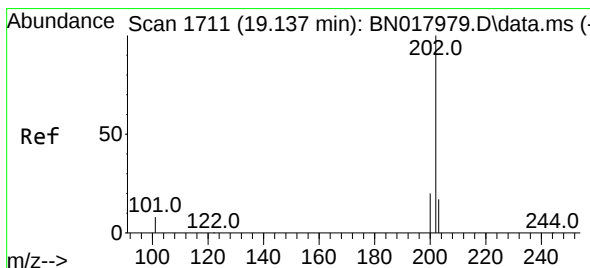
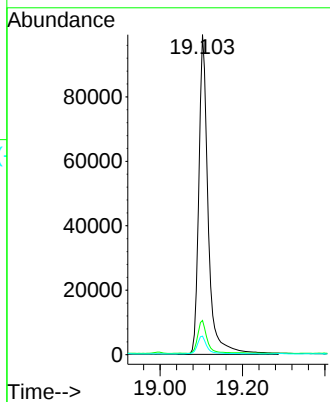
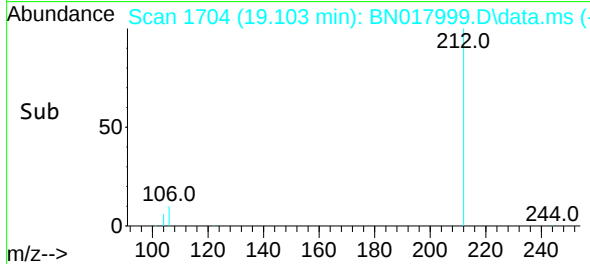
Instrument :
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ClientSampleId :
RE139D2-20211130



Tgt Ion:212 Resp: 15651
Ion Ratio Lower Upper
212 100
106 10.2 8.4 12.6
104 5.9 4.5 6.7

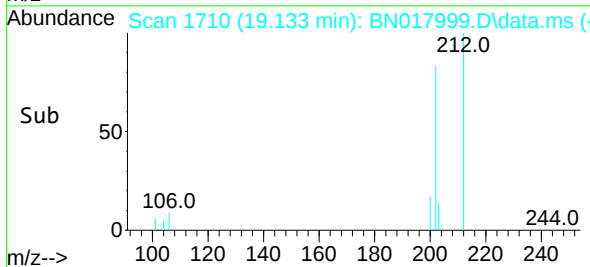
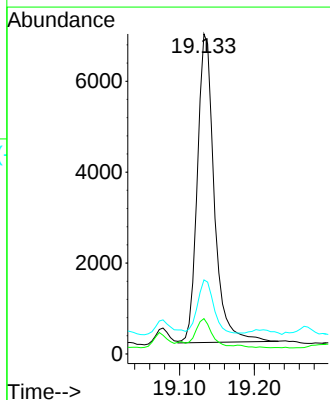
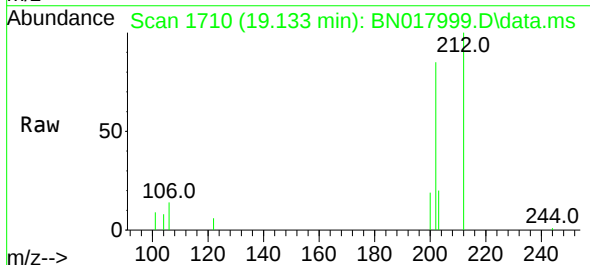
Manual Integrations
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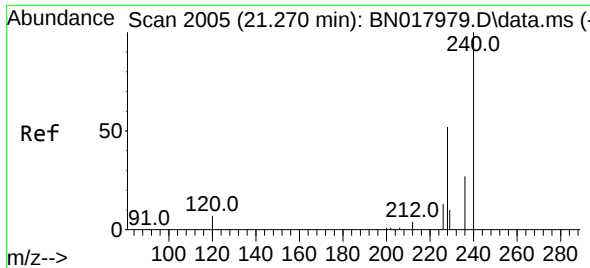
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021



#28
Fluoranthene
Concen: 0.024 ng
RT: 19.133 min Scan# 1710
Delta R.T. -0.005 min
Lab File: BN017999.D
Acq: 14 Dec 2021 12:16

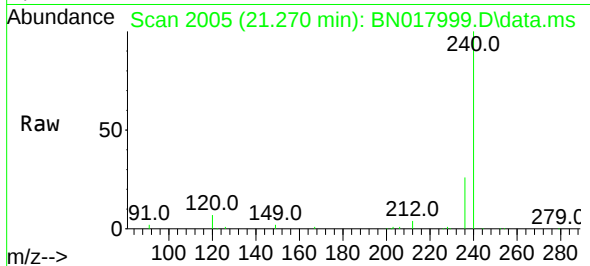
Tgt Ion:202 Resp: 10654
Ion Ratio Lower Upper
202 100
101 8.0 7.2 10.8
203 17.4 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN017999.D
Acq: 14 Dec 2021 12:16

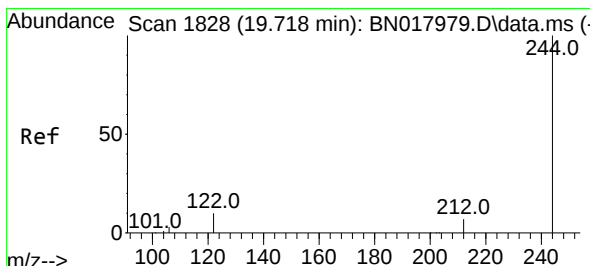
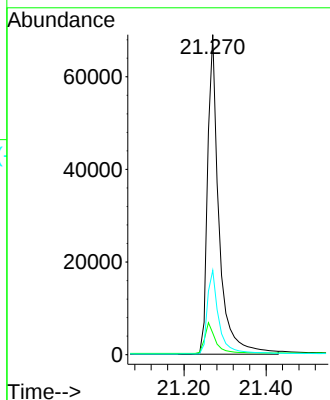
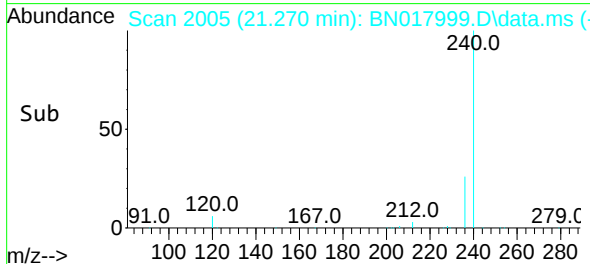
Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130



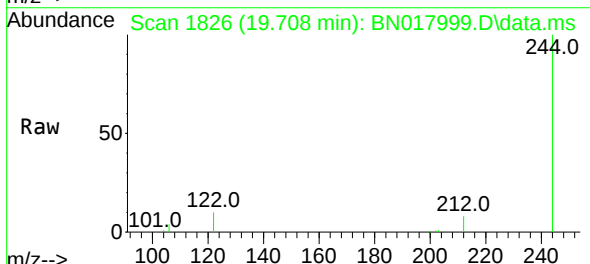
Tgt Ion:240 Resp: 133092
Ion Ratio Lower Upper
240 100
120 6.8 6.0 9.0
236 26.3 21.4 32.2

Manual Integrations
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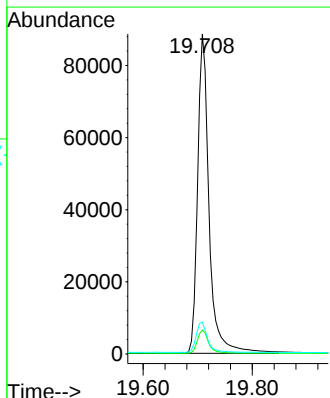
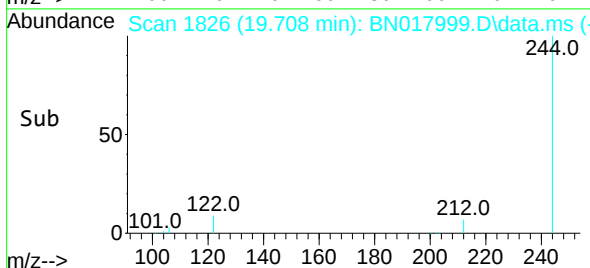
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021

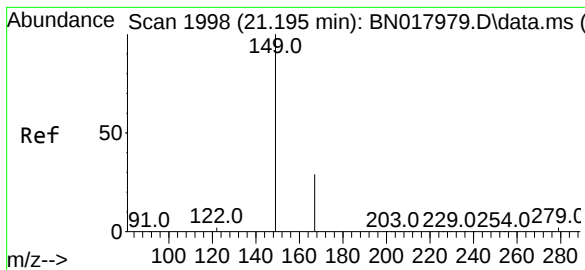


#31
Terphenyl-d14
Concen: 0.467 ng
RT: 19.708 min Scan# 1826
Delta R.T. -0.010 min
Lab File: BN017999.D
Acq: 14 Dec 2021 12:16



Tgt Ion:244 Resp: 129448
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 10.0 7.9 11.9





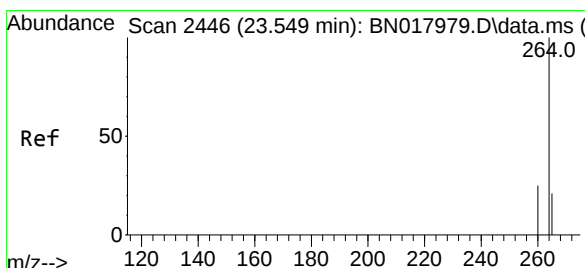
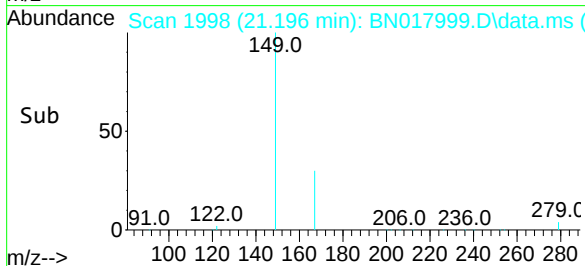
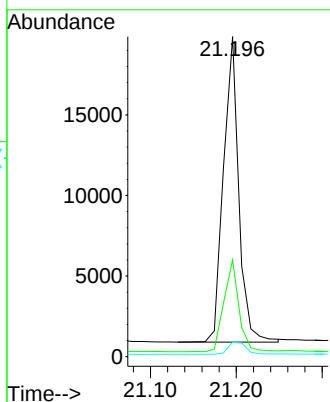
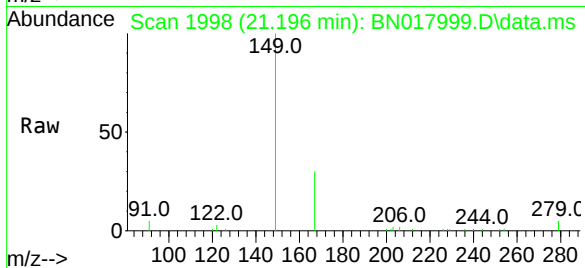
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.119 ng
RT: 21.196 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN017999.D
Acq: 14 Dec 2021 12:16

Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130

Tgt Ion:149 Resp: 23490
Ion Ratio Lower Upper
149 100
167 29.5 23.7 35.5
279 4.7 3.6 5.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.550 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BN017999.D
Acq: 14 Dec 2021 12:16

Tgt Ion:264 Resp: 127698
Ion Ratio Lower Upper
264 100
260 25.2 20.2 30.4
265 24.9 18.2 27.2

