

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
 Data File : BN018002.D
 Acq On : 14 Dec 2021 14:05
 Operator : CG/JU
 Sample : M4956-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW202D1-20211204

Quant Time: Dec 15 02:19:50 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	7.688	152	29147	0.400	ng	0.00
7) Naphthalene-d8	10.470	136	121041	0.400	ng	0.00
13) Acenaphthene-d10	14.319	164	77262	0.400	ng	0.00
19) Phenanthrene-d10	17.066	188	161521	0.400	ng	0.00
29) Chrysene-d12	21.259	240	163342	0.400	ng	#-0.01
35) Perylene-d12	23.543	264	141972	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.309	112	10182	0.161	ng	0.02
5) Phenol-d6	6.877	99	6555	0.103	ng	0.00
8) Nitrobenzene-d5	8.835	82	28734m	0.335	ng	0.00
11) 2-Methylnaphthalene-d10	12.060	152	68081	0.339	ng	0.00
14) 2,4,6-Tribromophenol	15.817	330	19006	0.578	ng	0.00
15) 2-Fluorobiphenyl	12.936	172	115867	0.430	ng	-0.01
27) Fluoranthene-d10	19.103	212	191593	0.355	ng	0.00
31) Terphenyl-d14	19.708	244	168423	0.495	ng	0.00
Target Compounds						
24) Pentachlorophenol	16.725	266	1860	0.302	ng	Qvalue 96
25) Phenanthrene	17.103	178	14507m	0.035	ng	
28) Fluoranthene	19.132	202	12117	0.024	ng	95
34) Bis(2-ethylhexyl)phtha...	21.195	149	40293	0.167	ng	# 98

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

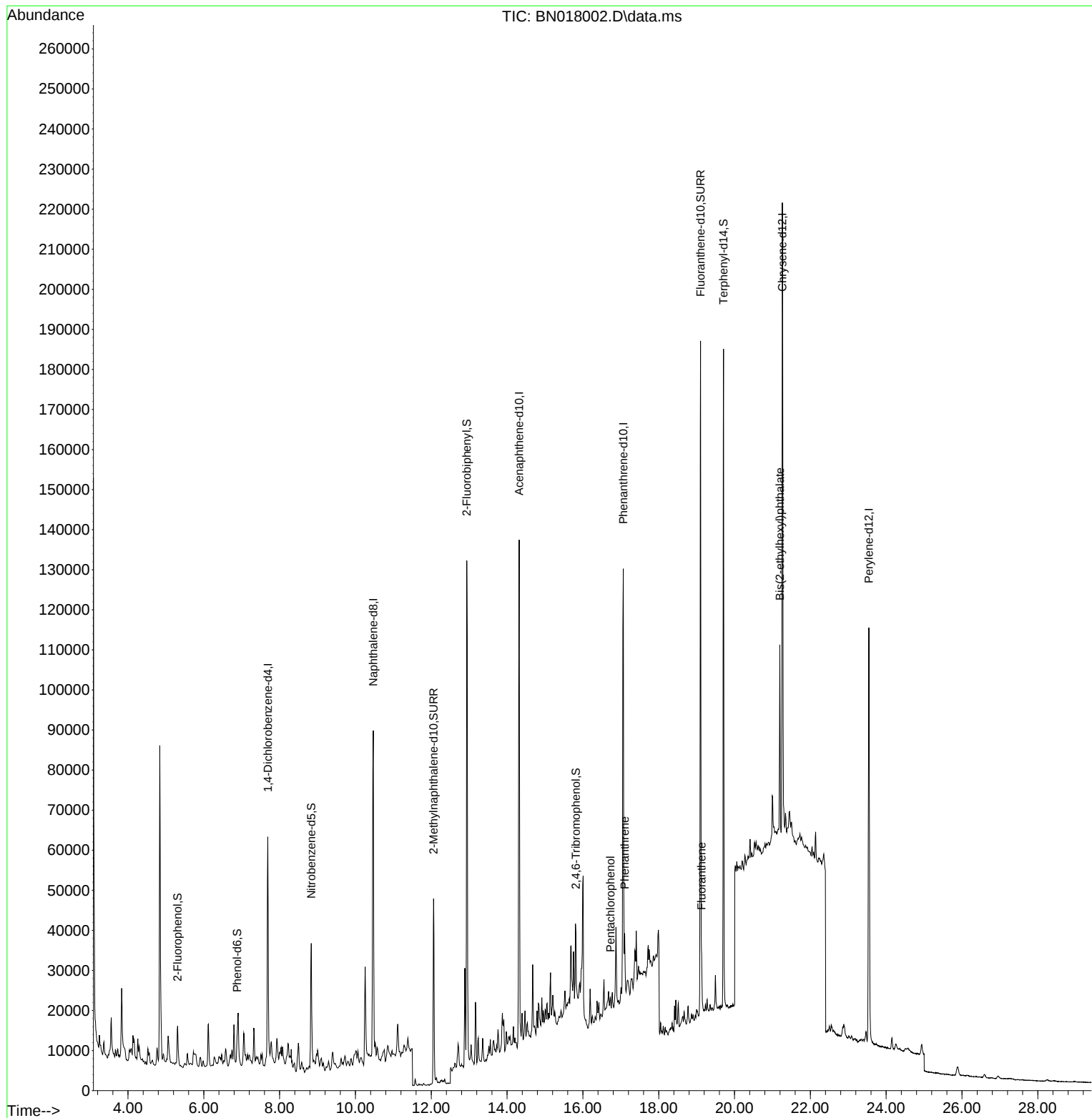
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Data File : BN018002.D
Acq On : 14 Dec 2021 14:05
Operator : CG/JU
Sample : M4956-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

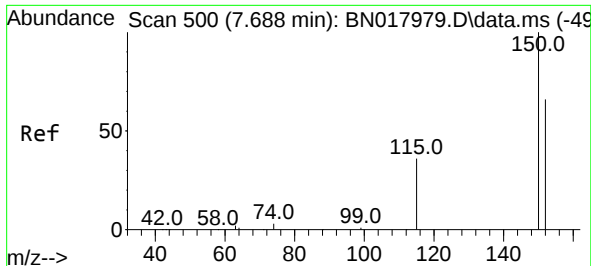
Instrument :
BNA_N
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MW202D1-20211204

Quant Time: Dec 15 02:19:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
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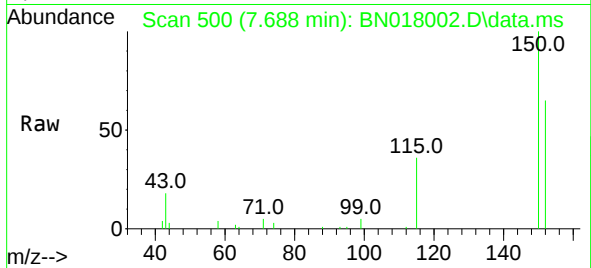
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#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.688 min Scan# 500
Delta R.T. 0.000 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

Instrument :
BNA_N
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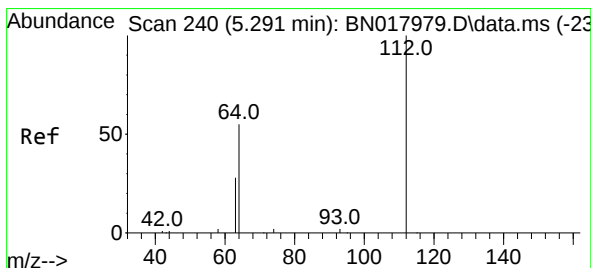
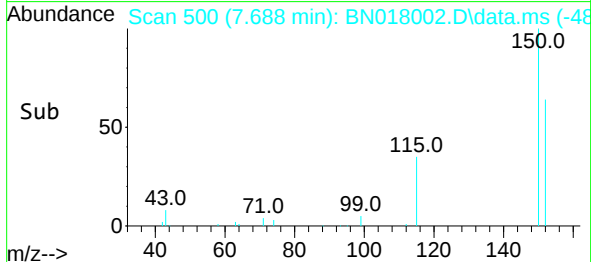
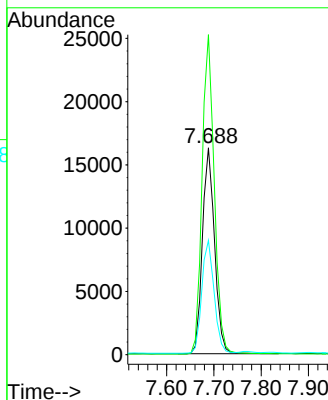
Tgt Ion:152 Resp: 2914
Ion Ratio Lower Upper
152 100
150 154.7 121.7 182.5
115 55.2 43.8 65.8

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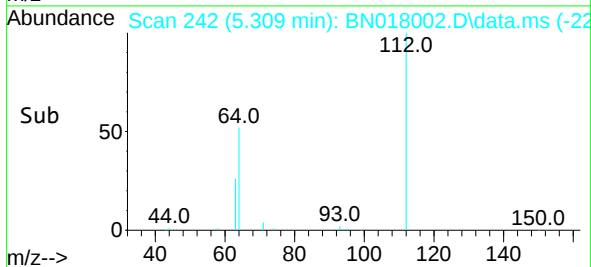
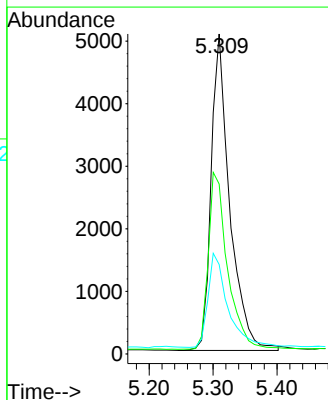
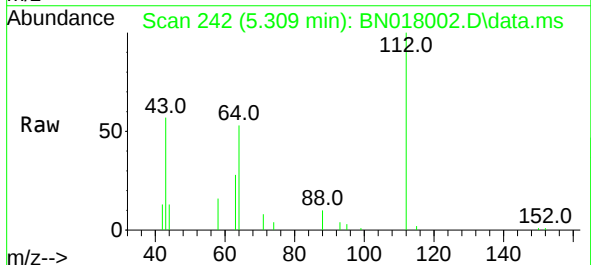
12/15/2021
Supervised By :Jagrut
Upadhyay

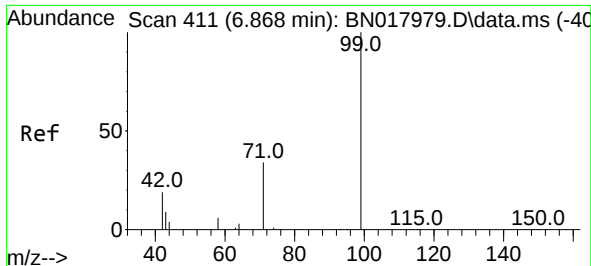
12/15/2021



#4
2-Fluorophenol
Concen: 0.161 ng
RT: 5.309 min Scan# 242
Delta R.T. 0.019 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

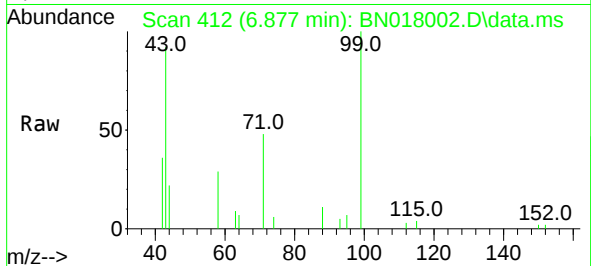
Tgt Ion:112 Resp: 10182
Ion Ratio Lower Upper
112 100
64 58.1 48.0 72.0
63 32.0 25.3 37.9





#5
Phenol-d6
Concen: 0.103 ng
RT: 6.877 min Scan# 411
Delta R.T. 0.009 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

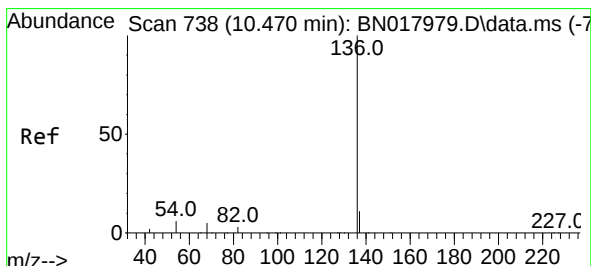
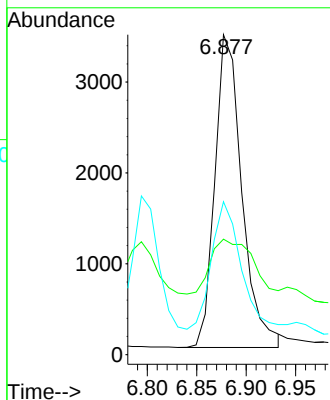
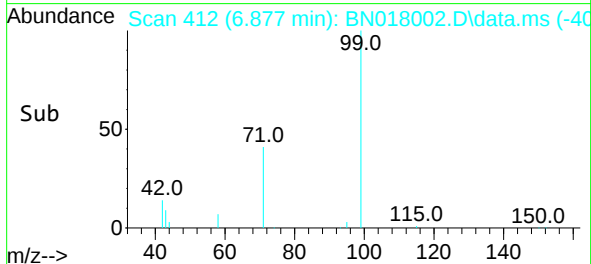
Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204



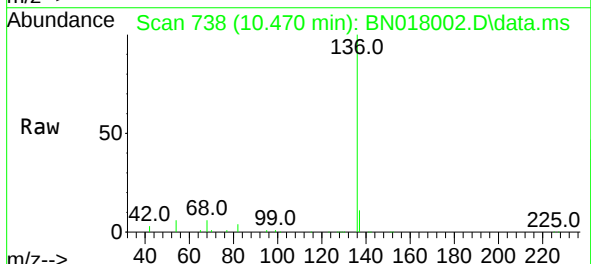
Tgt Ion: 99 Resp: 655
Ion Ratio Lower Upper
99 100
42 26.5 16.3 24.5
71 44.0 26.8 40.2

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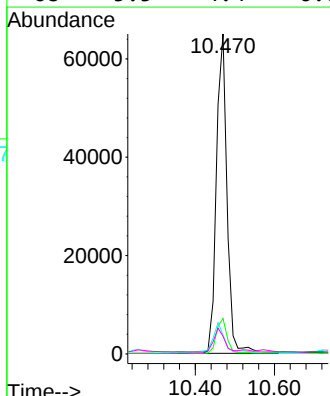
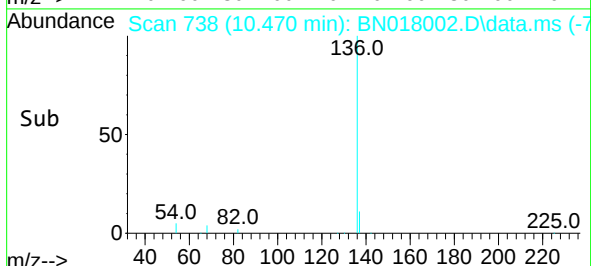
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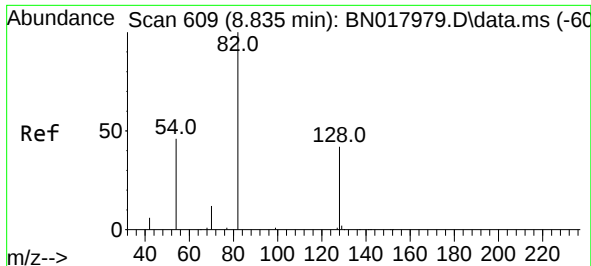


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.470 min Scan# 738
Delta R.T. 0.000 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05



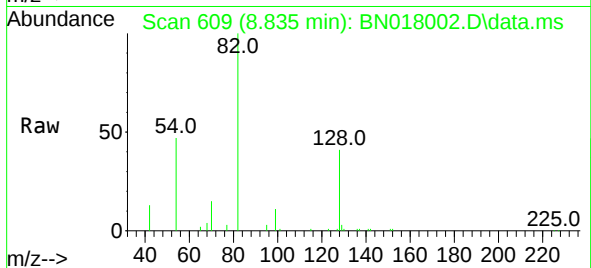
Tgt Ion:136 Resp: 121041
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.0 5.0 7.6
68 5.5 4.4 6.6





#8
Nitrobenzene-d5
Concen: 0.335 ng m
RT: 8.835 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

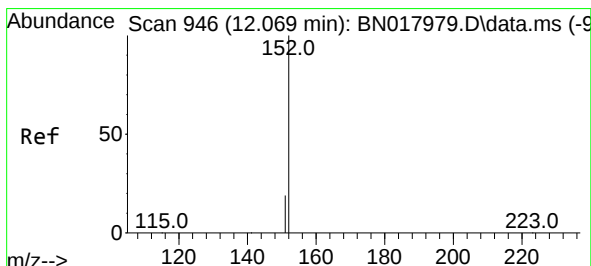
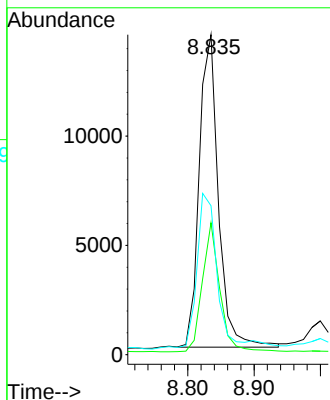
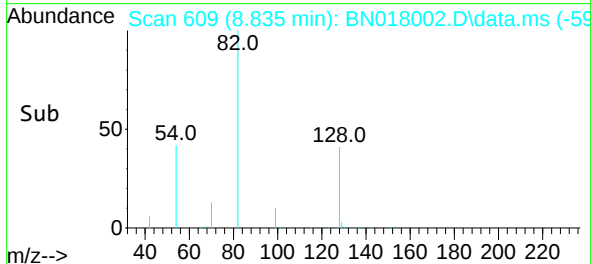
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 82 Resp: 28734
Ion Ratio Lower Upper
82 100
128 41.3 33.7 50.5
54 46.6 36.6 55.0

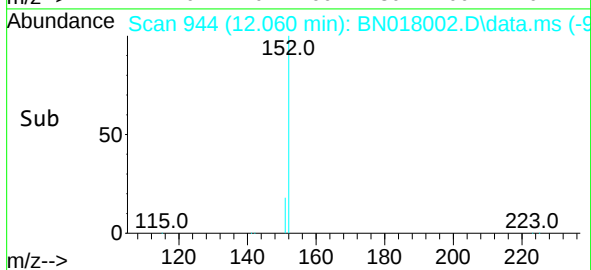
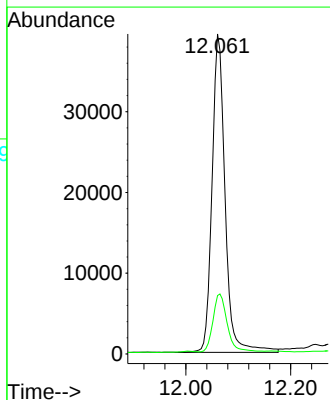
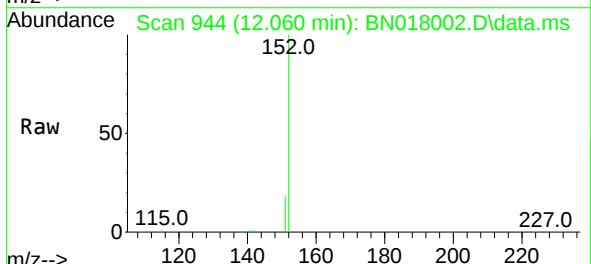
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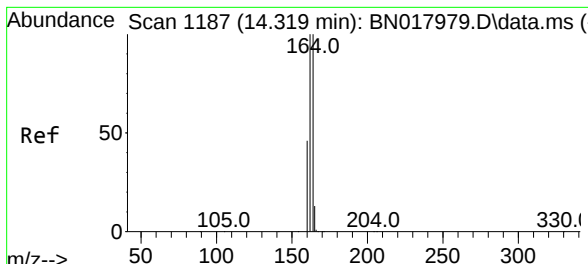
Reviewed By :Christian Giraldo 12/15/2021
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#11
2-Methylnaphthalene-d10
Concen: 0.339 ng
RT: 12.060 min Scan# 944
Delta R.T. -0.009 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

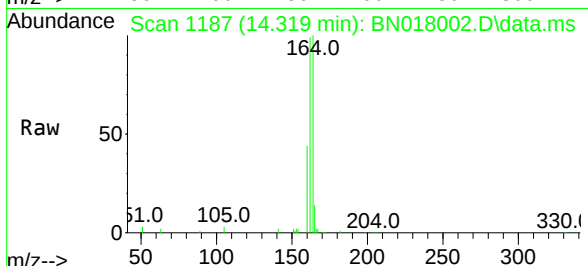
Tgt Ion:152 Resp: 68081
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.319 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

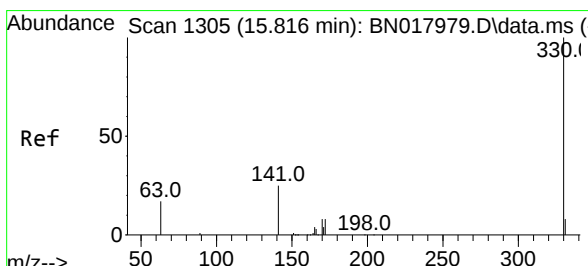
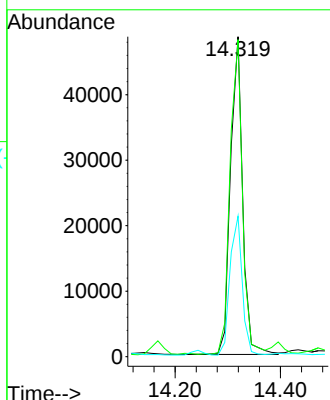
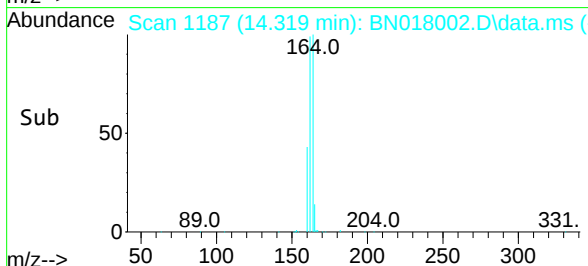
Instrument :
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ClientSampleId :
MW202D1-20211204



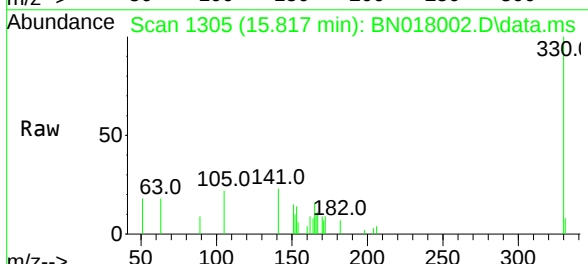
Tgt Ion:164 Resp: 77262
Ion Ratio Lower Upper
164 100
162 99.1 80.2 120.2
160 43.9 36.9 55.3

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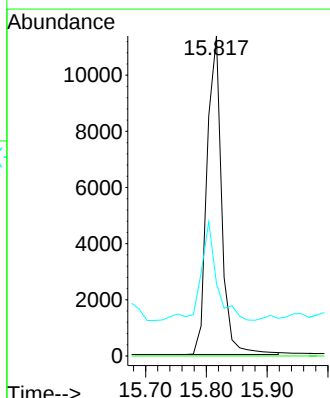
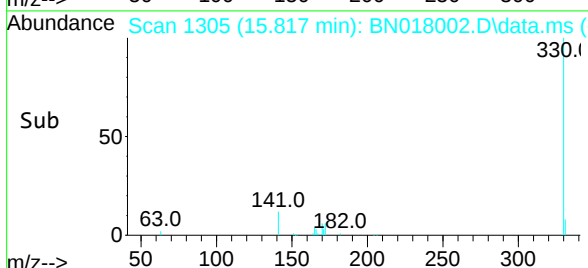
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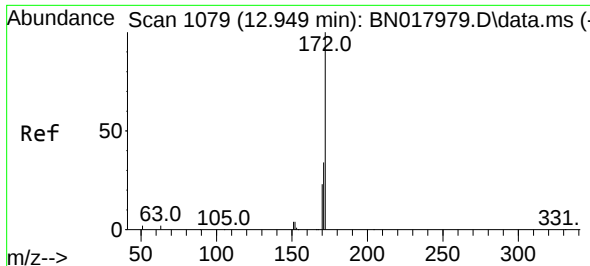


#14
2,4,6-Tribromophenol
Concen: 0.578 ng
RT: 15.817 min Scan# 1305
Delta R.T. 0.001 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05



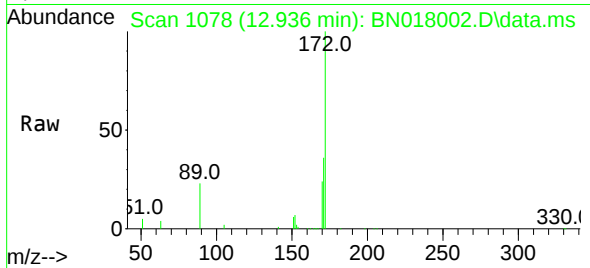
Tgt Ion:330 Resp: 19006
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.7 21.3 31.9#





#15
2-Fluorobiphenyl
Concen: 0.430 ng
RT: 12.936 min Scan# 1079
Delta R.T. -0.013 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

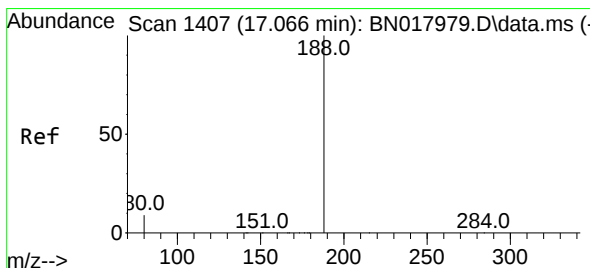
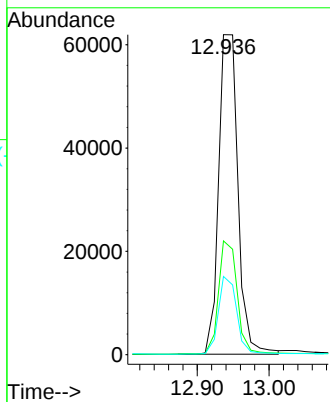
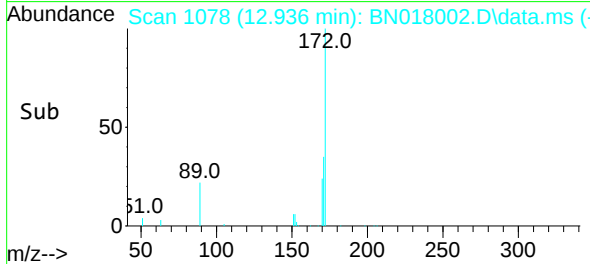
Instrument :
BNA_N
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MW202D1-20211204



Tgt Ion:172 Resp: 11586
Ion Ratio Lower Upper
172 100
171 35.5 27.4 41.0
170 24.4 18.4 27.6

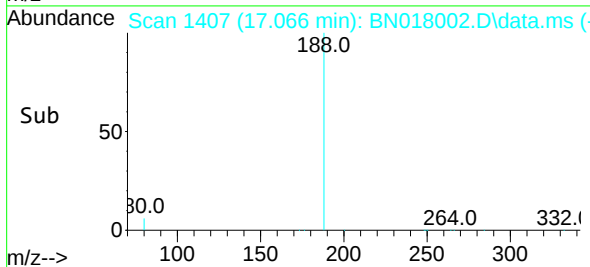
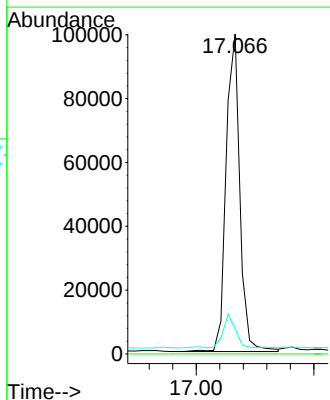
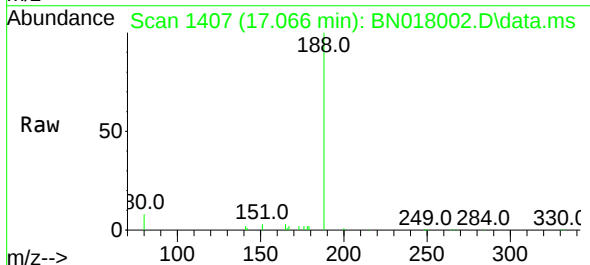
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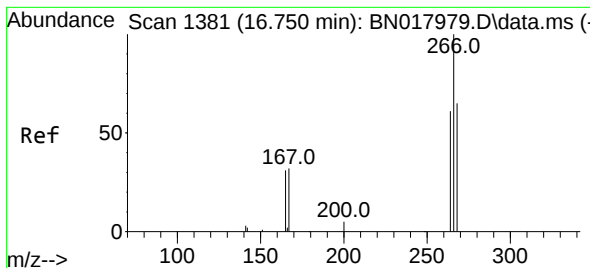
Reviewed By :Christian Giraldo 12/15/2021
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

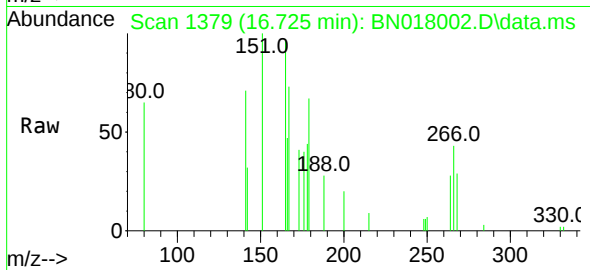
Tgt Ion:188 Resp: 161521
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 7.0 10.4





#24
Pentachlorophenol
Concen: 0.302 ng
RT: 16.725 min Scan# 1381
Delta R.T. -0.025 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

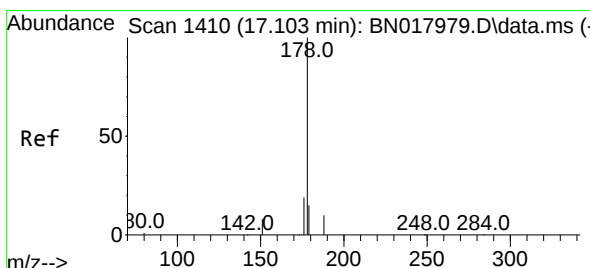
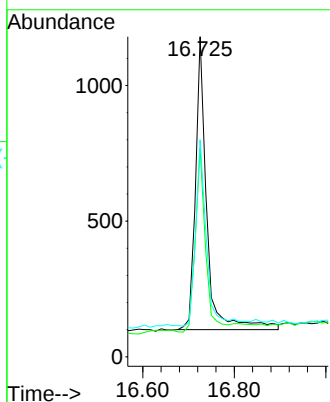
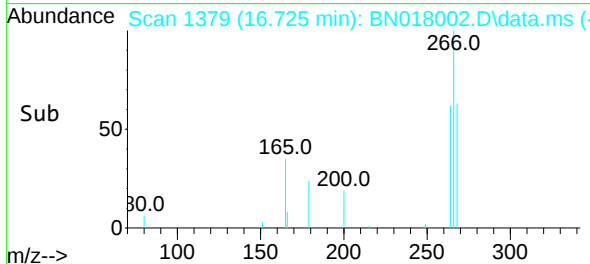
Instrument :
BNA_N
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MW202D1-20211204



Tgt Ion:266 Resp: 1860
Ion Ratio Lower Upper
266 100
264 57.4 49.5 74.3
268 61.5 50.6 76.0

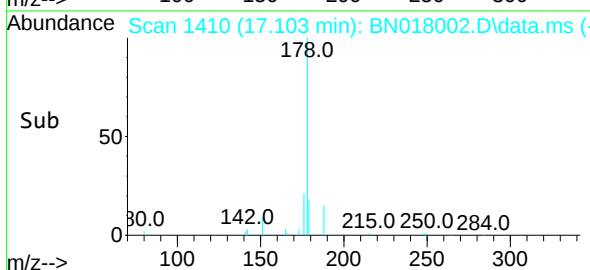
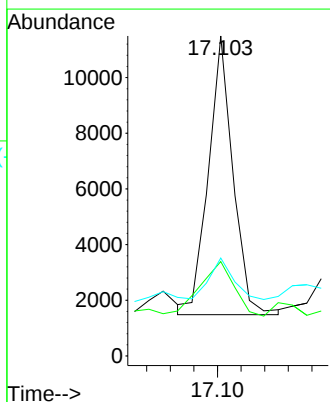
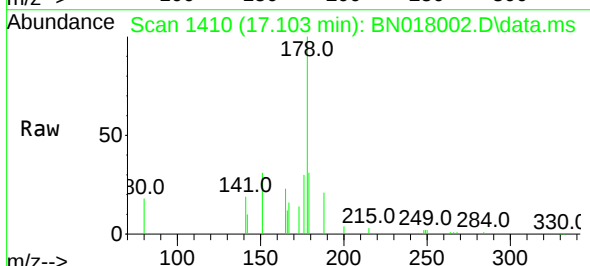
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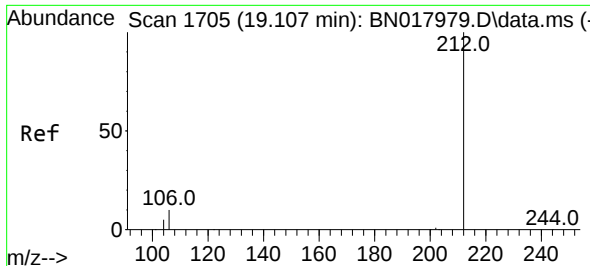
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021



#25
Phenanthrene
Concen: 0.035 ng m
RT: 17.103 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BN018002.D
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Tgt Ion:178 Resp: 14507
Ion Ratio Lower Upper
178 100
176 33.3 15.3 22.9#
179 15.3 12.3 18.5





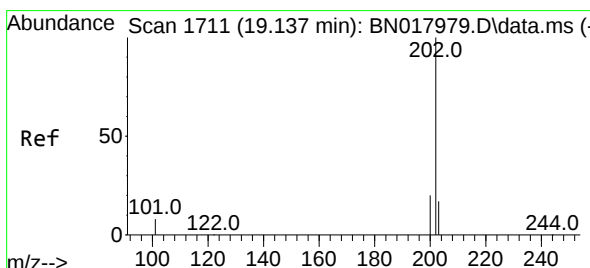
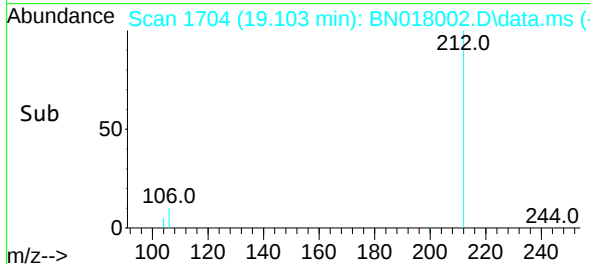
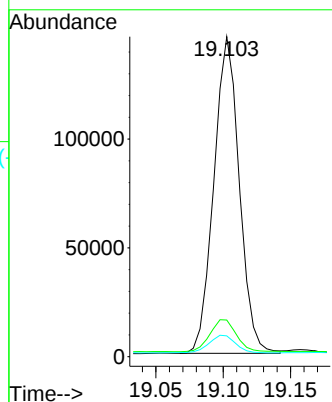
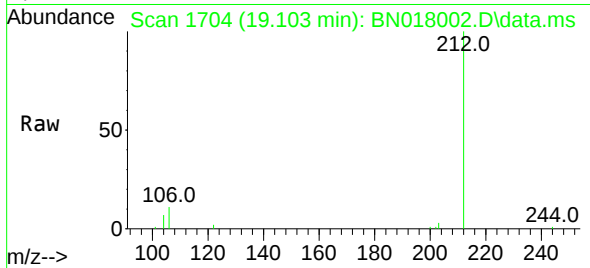
#27
Fluoranthene-d10
Concen: 0.355 ng
RT: 19.103 min Scan# 1710
Delta R.T. -0.005 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204

Tgt Ion:212 Resp: 19159
Ion Ratio Lower Upper
212 100
106 10.5 8.4 12.6
104 5.8 4.5 6.7

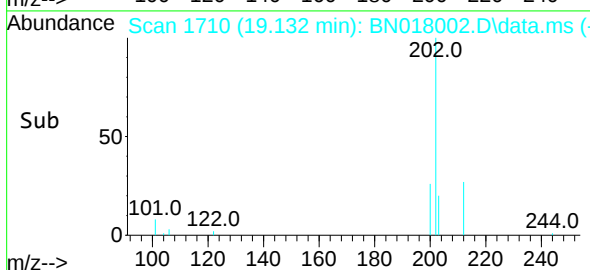
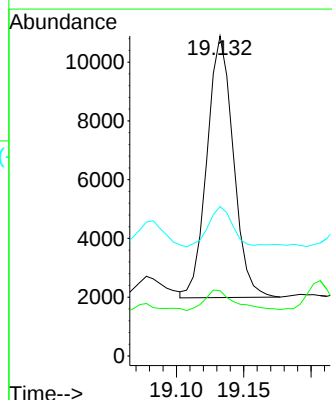
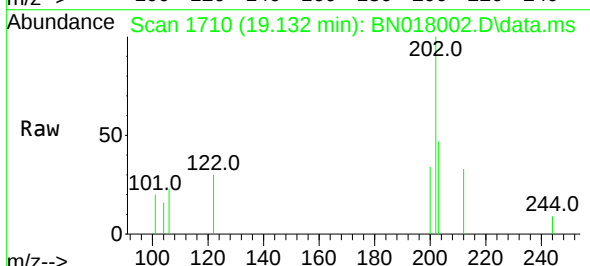
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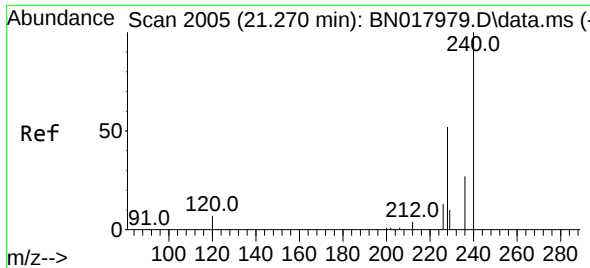
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021



#28
Fluoranthene
Concen: 0.024 ng
RT: 19.132 min Scan# 1710
Delta R.T. -0.005 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

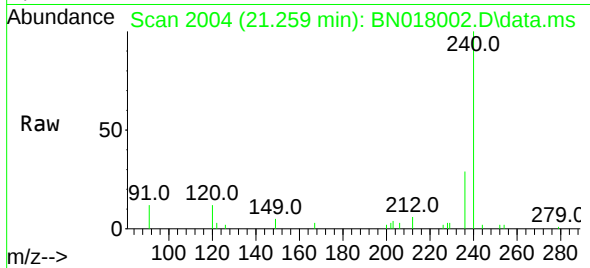
Tgt Ion:202 Resp: 12117
Ion Ratio Lower Upper
202 100
101 10.0 7.2 10.8
203 14.4 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. -0.010 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

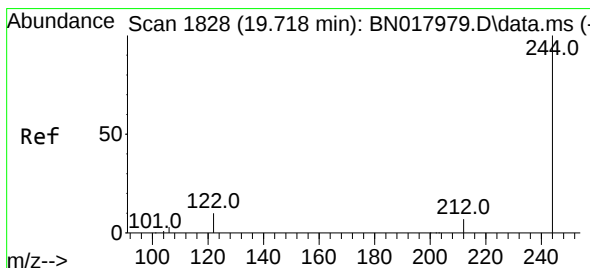
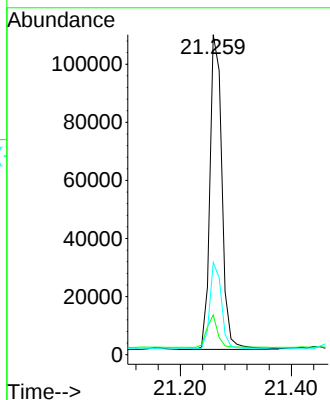
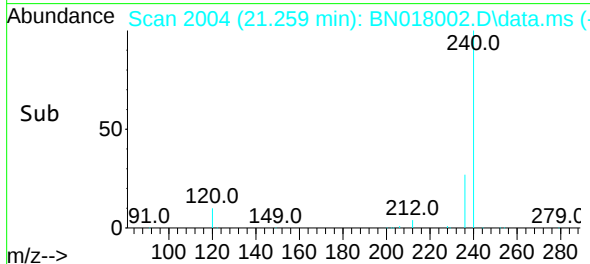
Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204



Tgt Ion:240 Resp: 16334
Ion Ratio Lower Upper
240 100
120 12.4 6.0 9.0
236 28.8 21.4 32.2

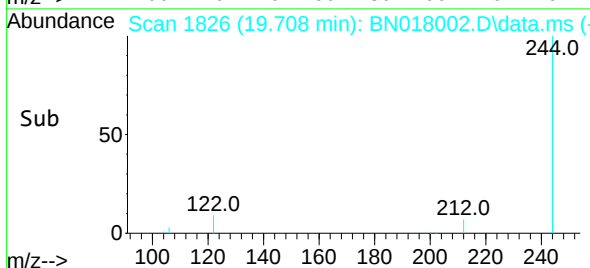
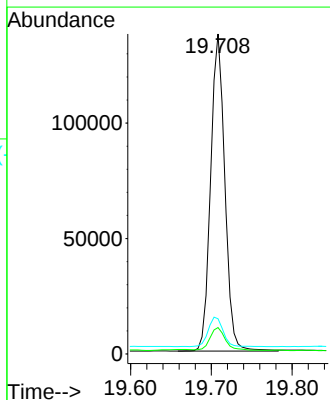
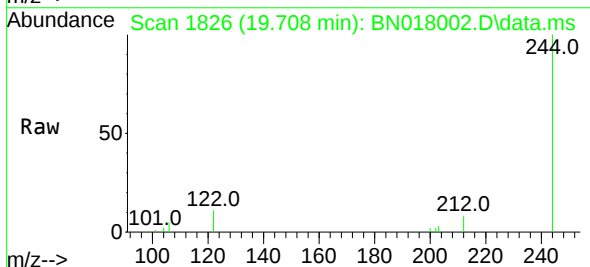
Manual Integrations
APPROVED

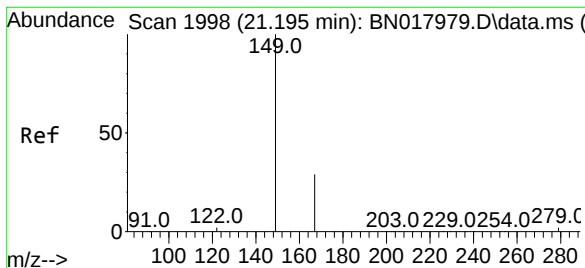
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021



#31
Terphenyl-d14
Concen: 0.495 ng
RT: 19.708 min Scan# 1826
Delta R.T. -0.010 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

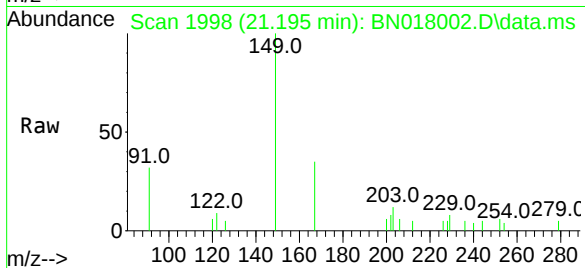
Tgt Ion:244 Resp: 168423
Ion Ratio Lower Upper
244 100
212 8.2 6.2 9.2
122 11.0 7.9 11.9





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.167 ng
RT: 21.195 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

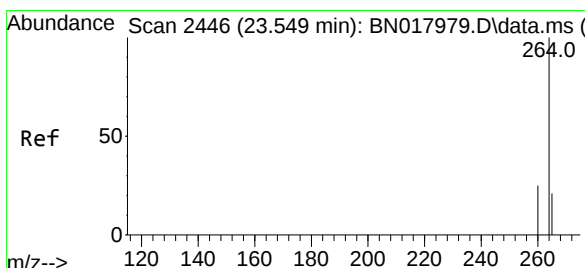
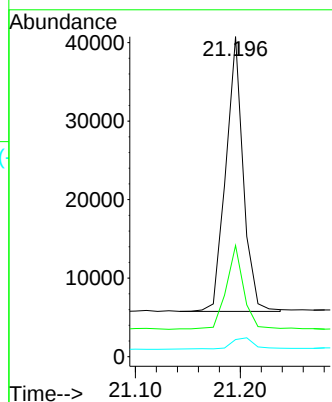
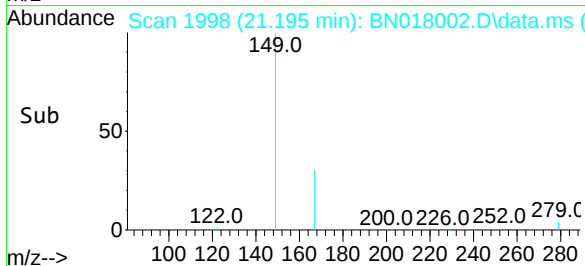
Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204



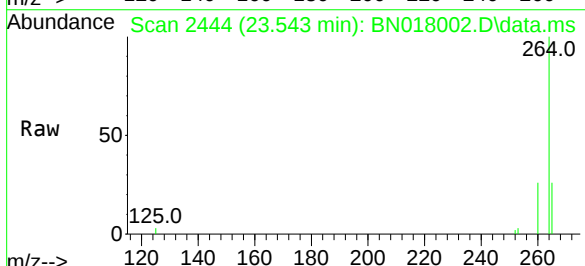
Tgt Ion:149 Resp: 40293
Ion Ratio Lower Upper
149 100
167 30.7 23.7 35.5
279 5.9 3.6 5.4

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: 23.543 min Scan# 2444
Delta R.T. -0.007 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05



Tgt Ion:264 Resp: 141972
Ion Ratio Lower Upper
264 100
260 26.2 20.2 30.4
265 26.0 18.2 27.2

