

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
 Data File : BN018005.D
 Acq On : 14 Dec 2021 15:53
 Operator : CG/JU
 Sample : M4956-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE137-20211204

Quant Time: Dec 15 02:20:15 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	24845	0.400	ng	0.00
7) Naphthalene-d8	10.470	136	103169	0.400	ng	0.00
13) Acenaphthene-d10	14.320	164	64270	0.400	ng	0.00
19) Phenanthrene-d10	17.066	188	132266	0.400	ng	0.00
29) Chrysene-d12	21.259	240	135415	0.400	ng	#-0.01
35) Perylene-d12	23.539	264	134177	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.310	112	9805	0.182	ng	0.02
5) Phenol-d6	6.877	99	6219	0.115	ng	0.00
8) Nitrobenzene-d5	8.835	82	27496	0.376	ng	0.00
11) 2-Methylnaphthalene-d10	12.065	152	55283	0.323	ng	0.00
14) 2,4,6-Tribromophenol	15.817	330	10044	0.436	ng	0.00
15) 2-Fluorobiphenyl	12.949	172	88076	0.393	ng	0.00
27) Fluoranthene-d10	19.103	212	178338	0.404	ng	0.00
31) Terphenyl-d14	19.708	244	149032	0.528	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.244	88	93082m	6.011	ng	Qvalue
6) bis(2-Chloroethyl)ether	7.117	93	3089	0.048	ng	98
25) Phenanthrene	17.103	178	15128m	0.045	ng	
28) Fluoranthene	19.133	202	10094	0.024	ng	99
34) Bis(2-ethylhexyl)phtha...	21.196	149	28497	0.142	ng	99

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

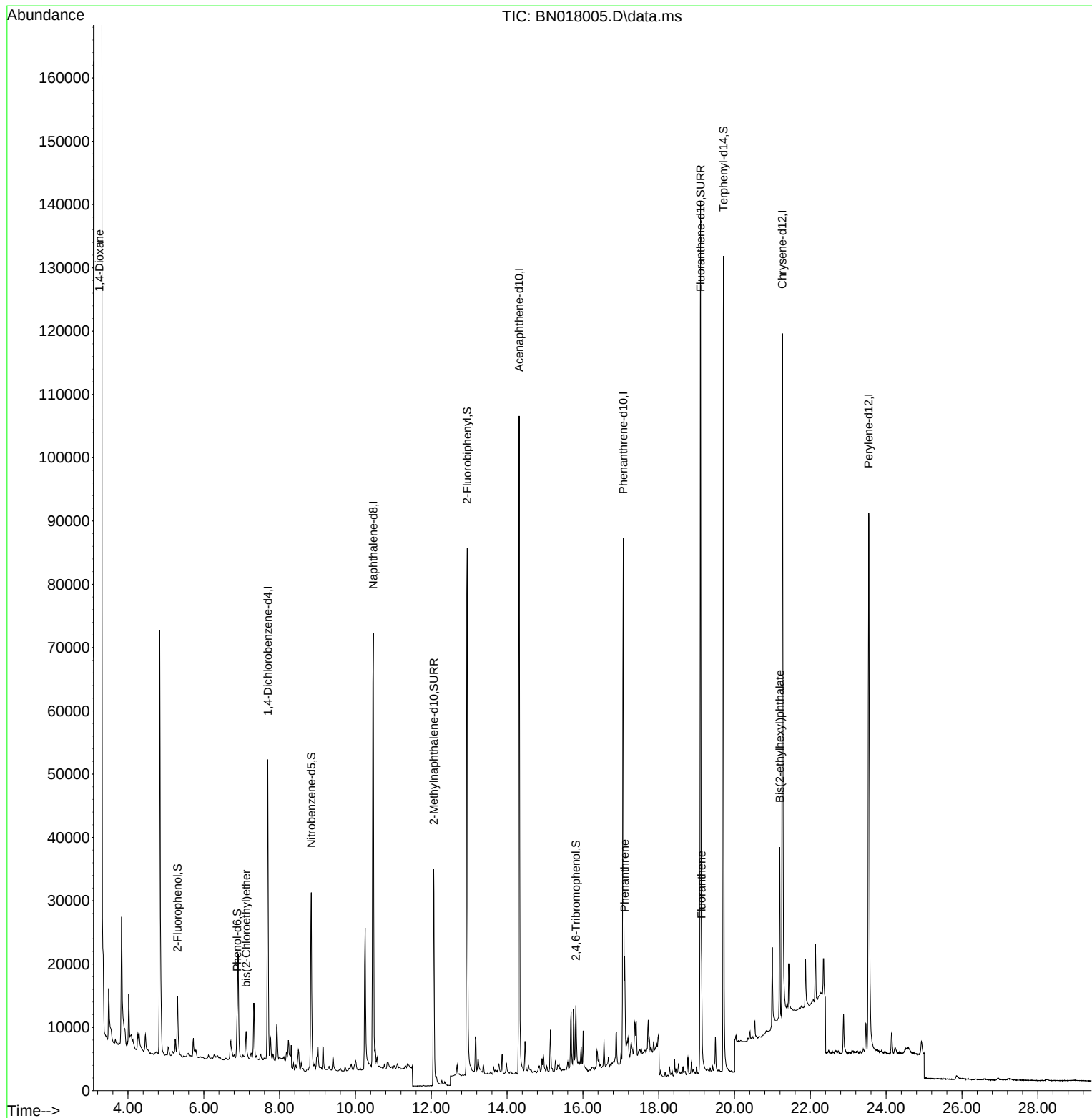
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
Data File : BN018005.D
Acq On : 14 Dec 2021 15:53
Operator : CG/JU
Sample : M4956-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

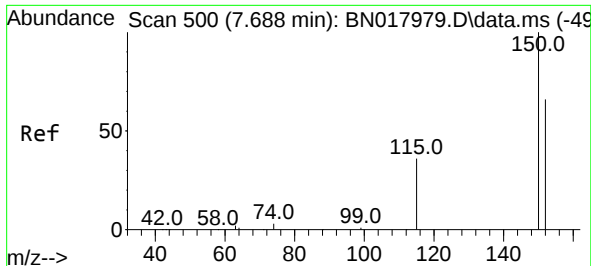
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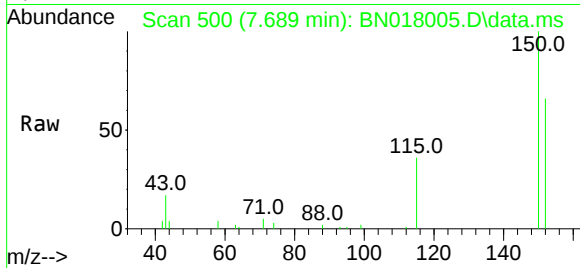
Quant Time: Dec 15 02:20:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 14 01:08:04 2021
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.689 min Scan# 50
 Delta R.T. 0.001 min
 Lab File: BN018005.D
 Acq: 14 Dec 2021 15:53

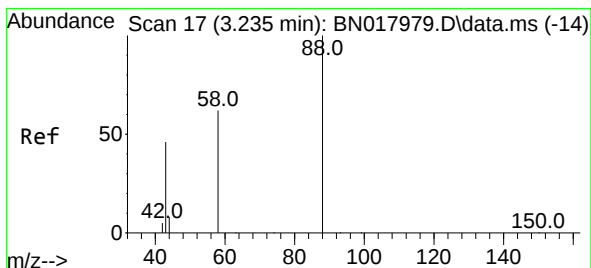
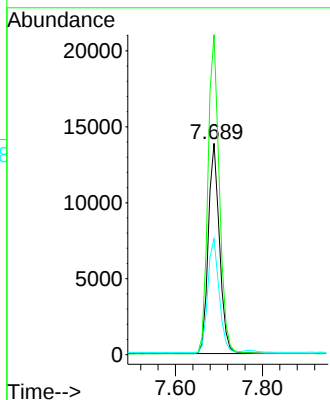
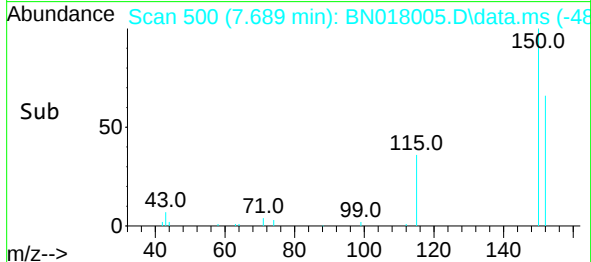
Instrument :
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 ClientSampleId :
 RE137-20211204



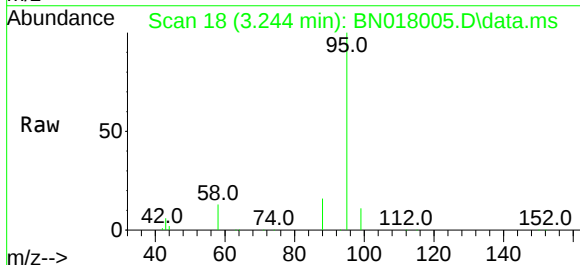
Tgt Ion:152 Resp: 2484
 Ion Ratio Lower Upper
 152 100
 150 151.4 121.7 182.5
 115 54.8 43.8 65.8

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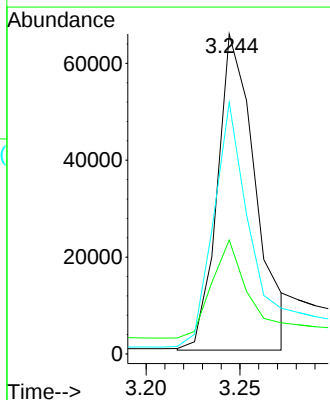
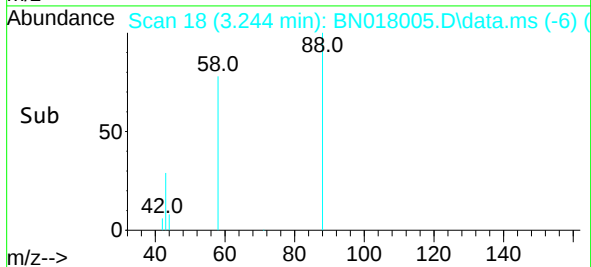
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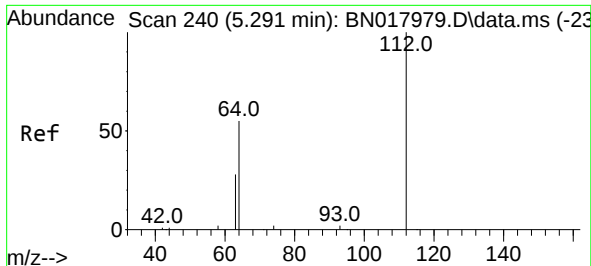


#2
 1,4-Dioxane
 Concen: 6.011 ng m
 RT: 3.244 min Scan# 18
 Delta R.T. 0.010 min
 Lab File: BN018005.D
 Acq: 14 Dec 2021 15:53



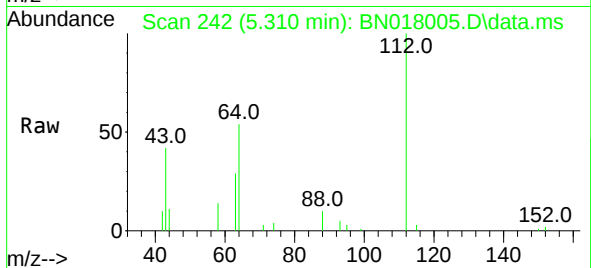
Tgt Ion: 88 Resp: 93082
 Ion Ratio Lower Upper
 88 100
 43 27.9 69.7 104.5#
 58 68.6 83.8 125.8#





#4
2-Fluorophenol
Concen: 0.182 ng
RT: 5.310 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53

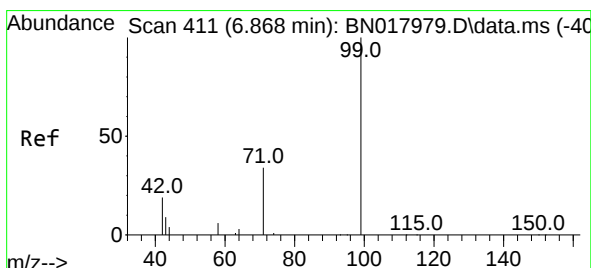
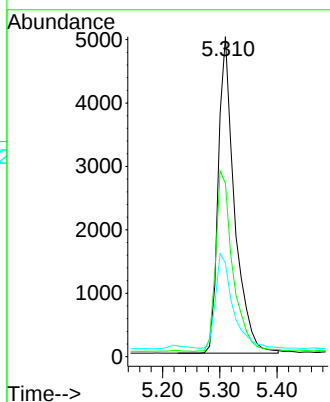
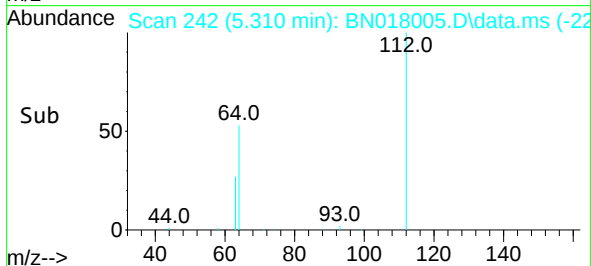
Instrument :
BNA_N
ClientSampleId :
RE137-20211204



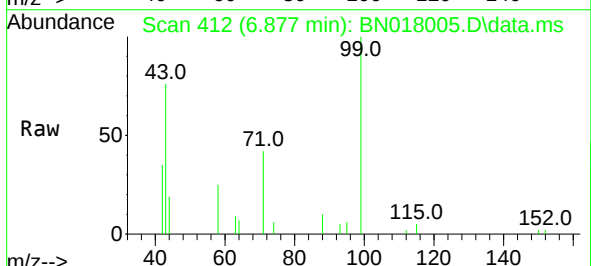
Tgt Ion: 112 Resp: 980
Ion Ratio Lower Upper
112 100
64 60.1 48.0 72.0
63 31.8 25.3 37.9

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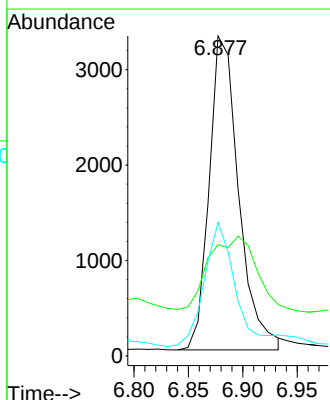
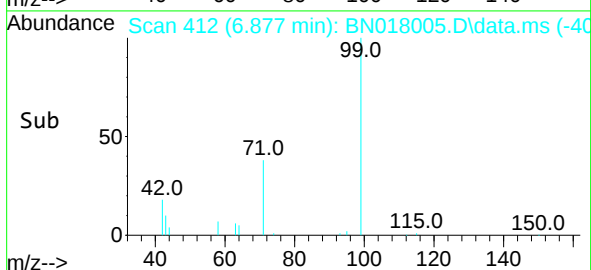
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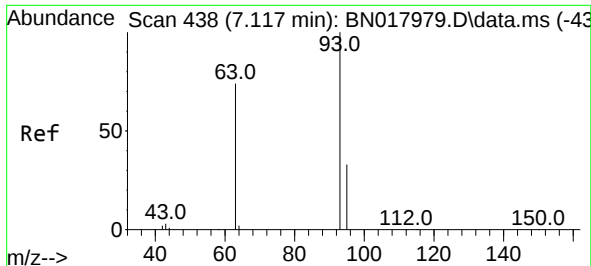


#5
Phenol-d6
Concen: 0.115 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.010 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53



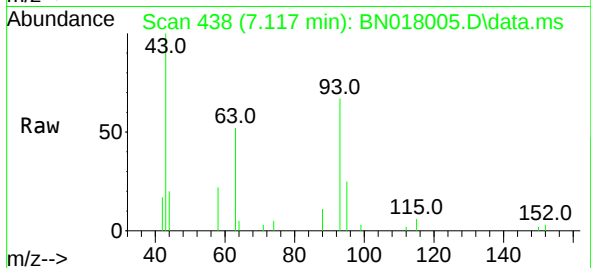
Tgt Ion: 99 Resp: 6219
Ion Ratio Lower Upper
99 100
42 36.6 16.3 24.5#
71 40.6 26.8 40.2#





#6
bis(2-Chloroethyl)ether
Concen: 0.048 ng
RT: 7.117 min Scan# 438
Delta R.T. 0.000 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53

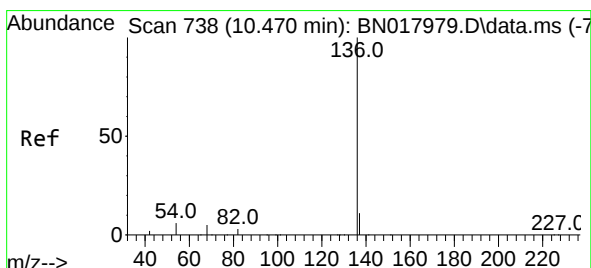
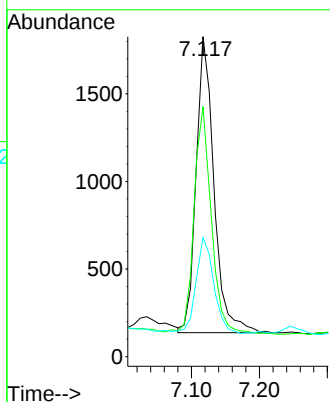
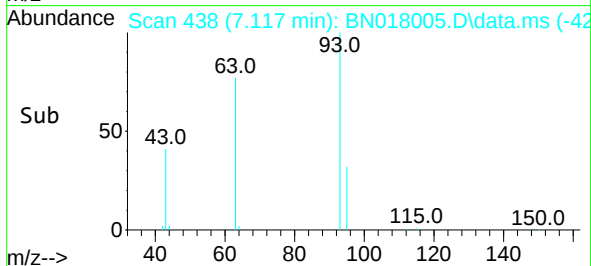
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ClientSampleId :
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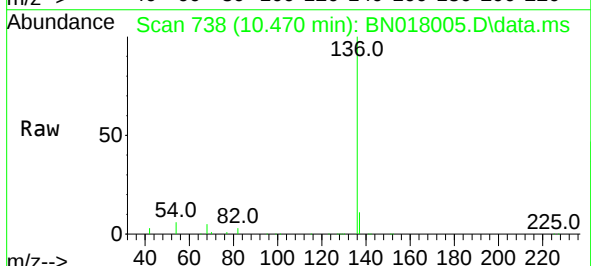
Tgt Ion: 93 Resp: 3089
Ion Ratio Lower Upper
93 100
63 75.3 61.7 92.5
95 31.9 26.2 39.4

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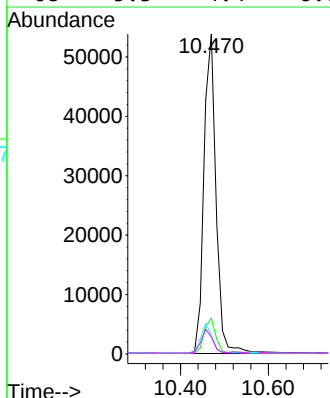
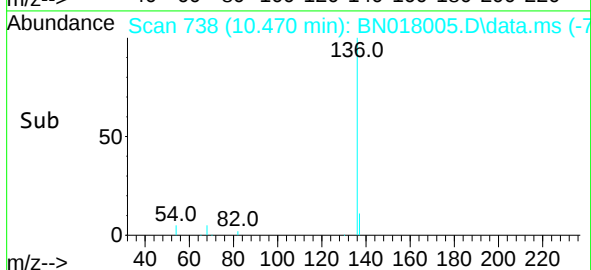
Reviewed By :Christian Giraldo 12/15/2021
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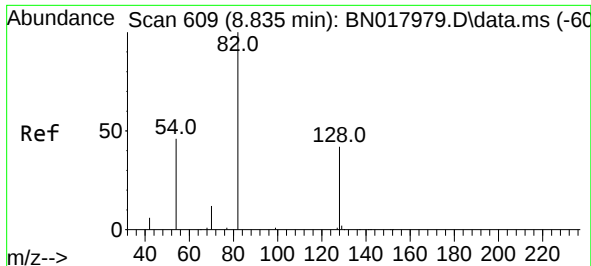


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.470 min Scan# 738
Delta R.T. 0.000 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53



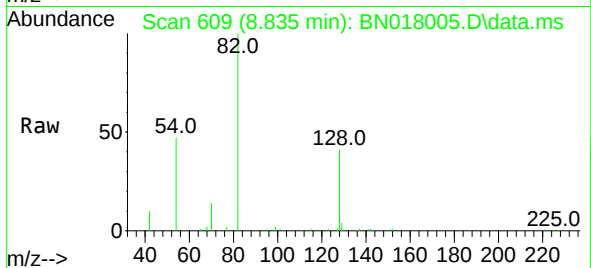
Tgt Ion:136 Resp: 103169
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 5.8 5.0 7.6
68 5.3 4.4 6.6





#8
Nitrobenzene-d5
Concen: 0.376 ng
RT: 8.835 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53

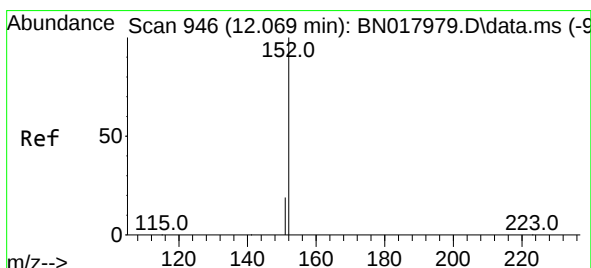
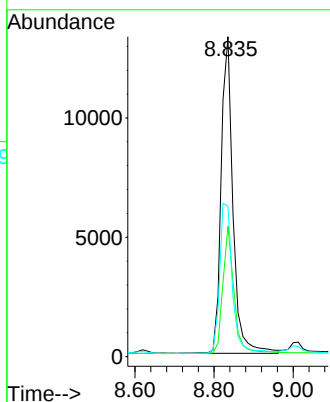
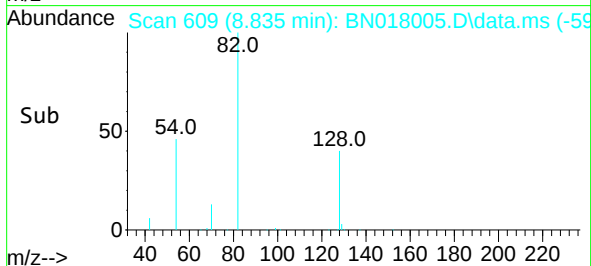
Instrument :
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ClientSampleId :
RE137-20211204



Tgt Ion: 82 Resp: 27490
Ion Ratio Lower Upper
82 100
128 40.8 33.7 50.5
54 47.0 36.6 55.0

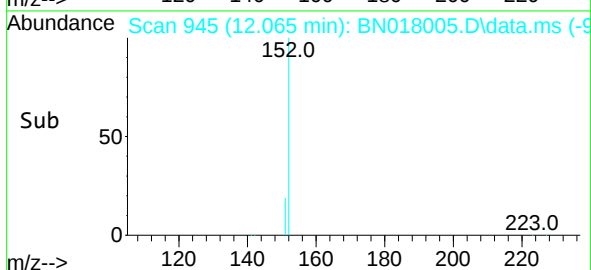
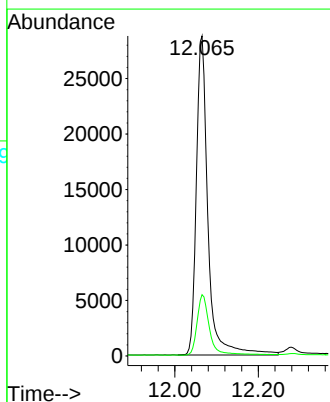
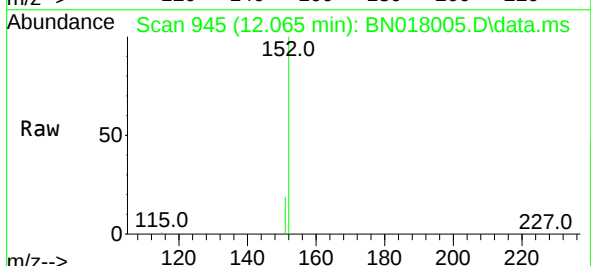
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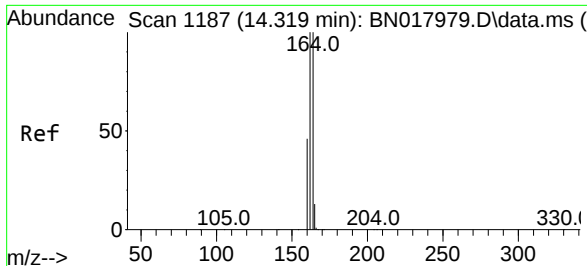
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#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 12.065 min Scan# 945
Delta R.T. -0.004 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53

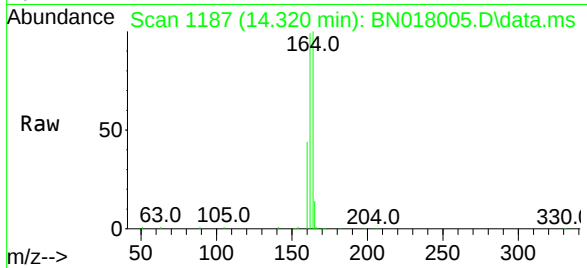
Tgt Ion:152 Resp: 55283
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.320 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53

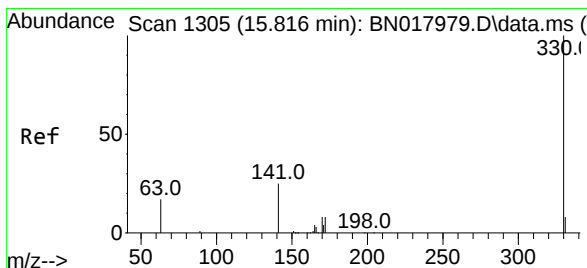
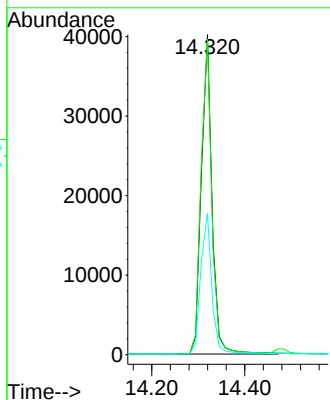
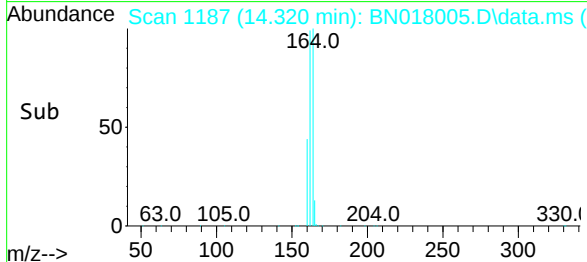
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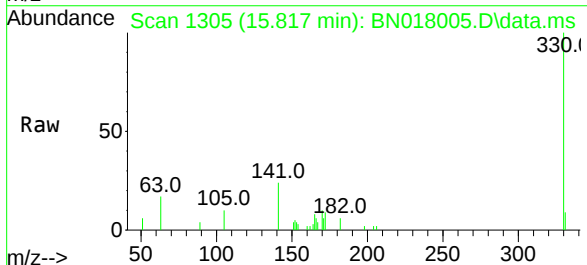
Tgt Ion:164 Resp: 64270
Ion Ratio Lower Upper
164 100
162 98.7 80.2 120.2
160 44.2 36.9 55.3

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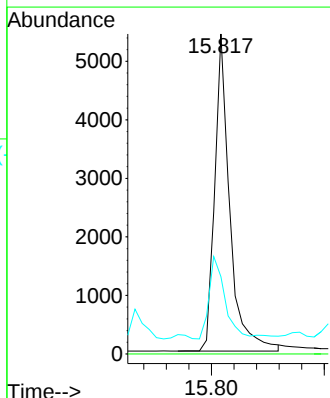
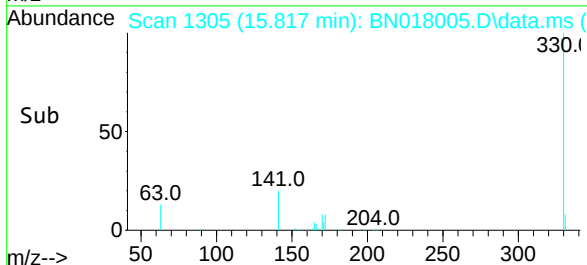
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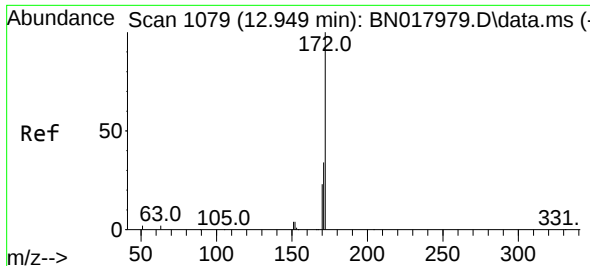


#14
2,4,6-Tribromophenol
Concen: 0.436 ng
RT: 15.817 min Scan# 1305
Delta R.T. 0.001 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53



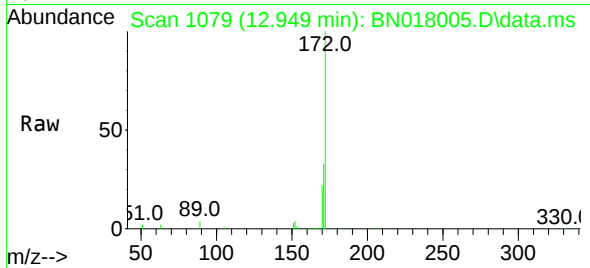
Tgt Ion:330 Resp: 10044
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.5 21.3 31.9





#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 12.949 min Scan# 1079
Delta R.T. 0.000 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53

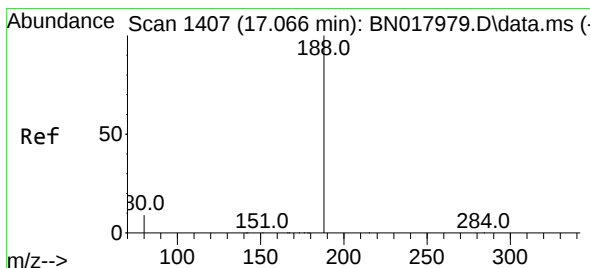
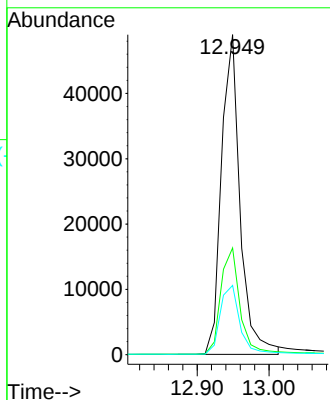
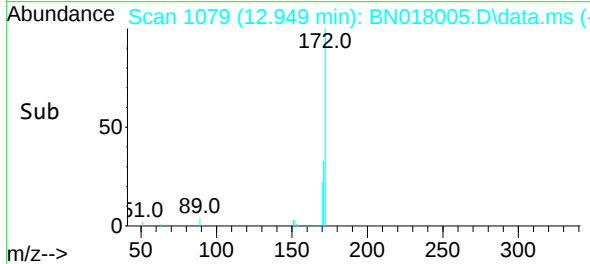
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Tgt Ion:172 Resp: 88070
Ion Ratio Lower Upper
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171 33.4 27.4 41.0
170 21.7 18.4 27.6

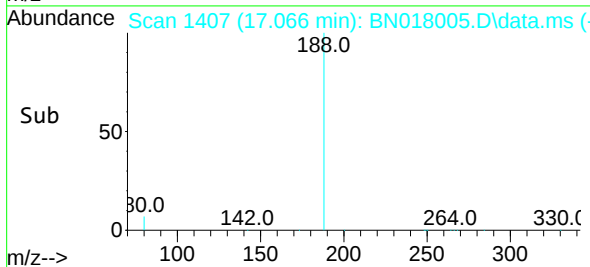
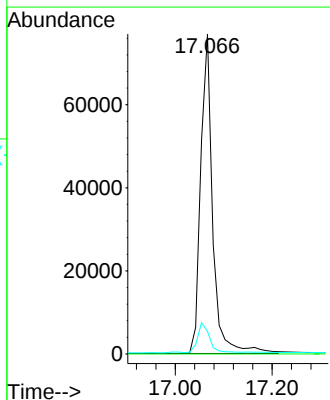
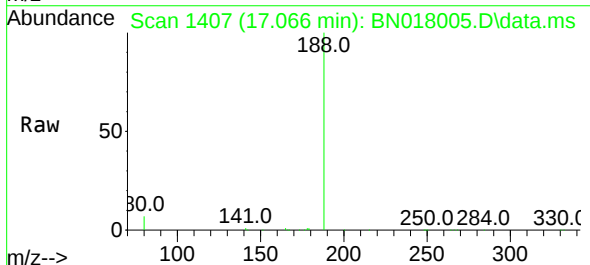
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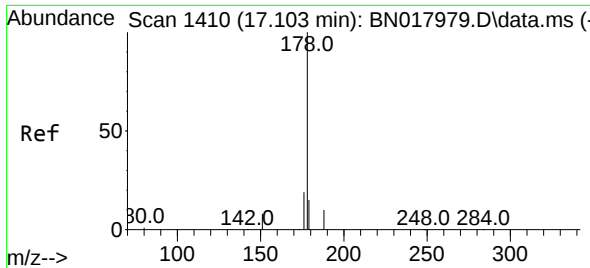
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53

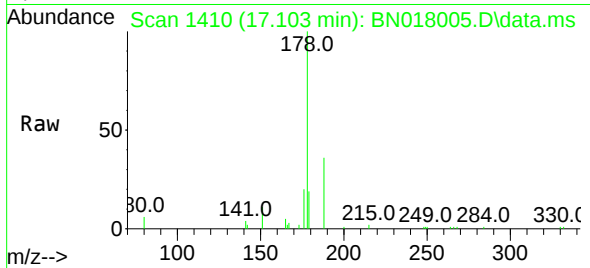
Tgt Ion:188 Resp: 132266
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.0 7.0 10.4





#25
Phenanthrene
Concen: 0.045 ng m
RT: 17.103 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53

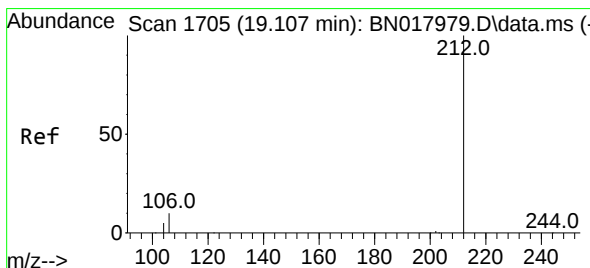
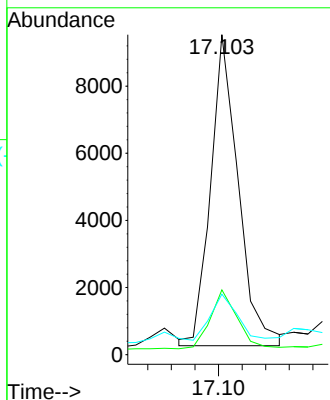
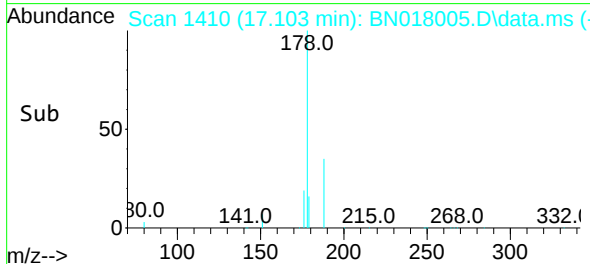
Instrument :
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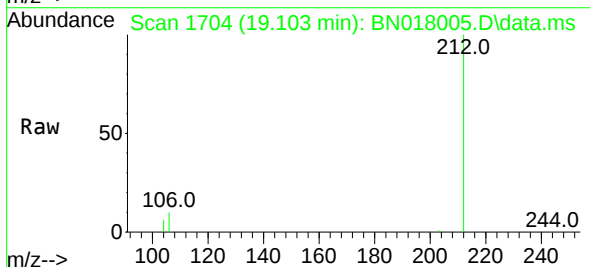
Tgt Ion:178 Resp: 15128
Ion Ratio Lower Upper
178 100
176 20.3 15.3 22.9
179 22.2 12.3 18.5

Manual Integrations
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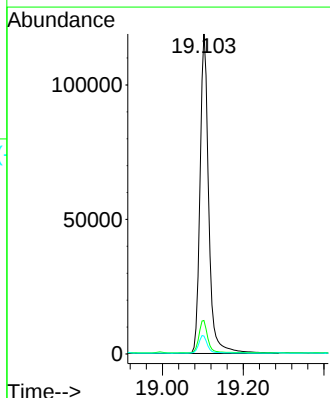
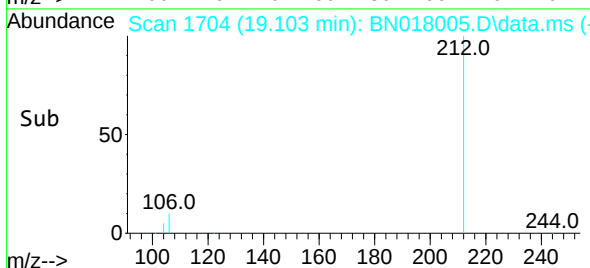
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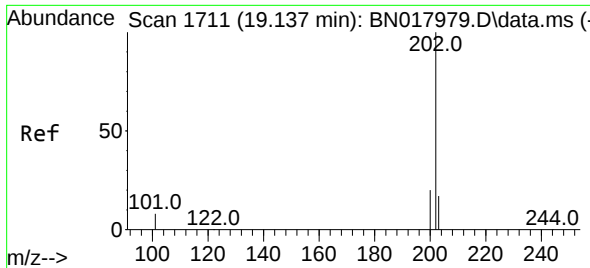


#27
Fluoranthene-d10
Concen: 0.404 ng
RT: 19.103 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53



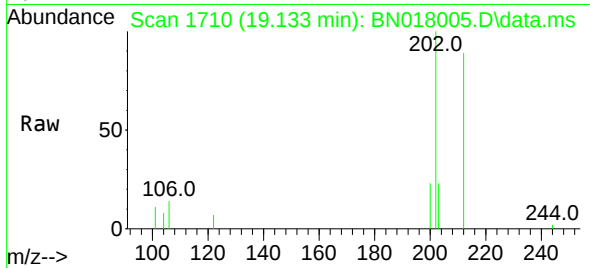
Tgt Ion:212 Resp: 178338
Ion Ratio Lower Upper
212 100
106 10.2 8.4 12.6
104 5.7 4.5 6.7





#28
Fluoranthene
Concen: 0.024 ng
RT: 19.133 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53

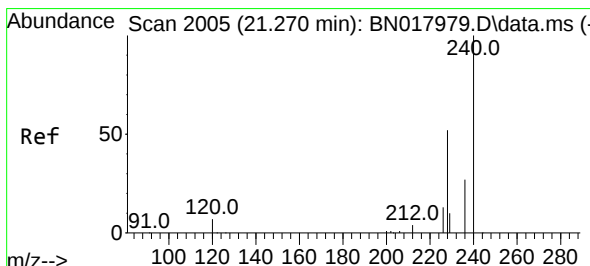
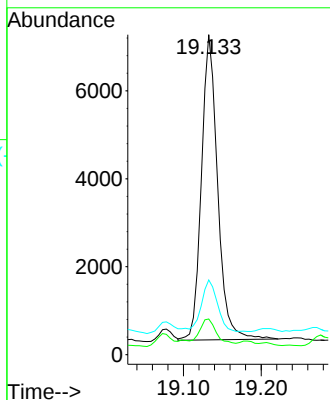
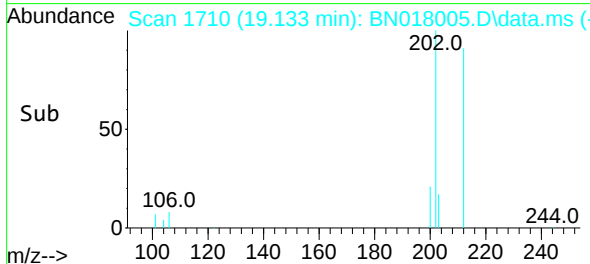
Instrument :
BNA_N
ClientSampleId :
RE137-20211204



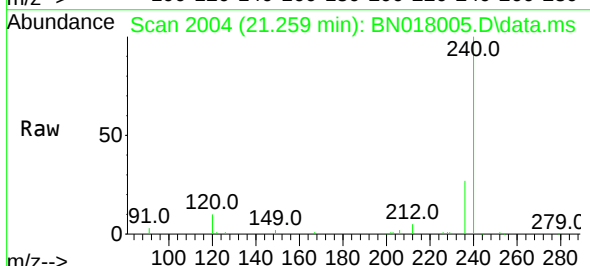
Tgt Ion:202 Resp: 10094
Ion Ratio Lower Upper
202 100
101 8.4 7.2 10.8
203 17.4 13.7 20.5

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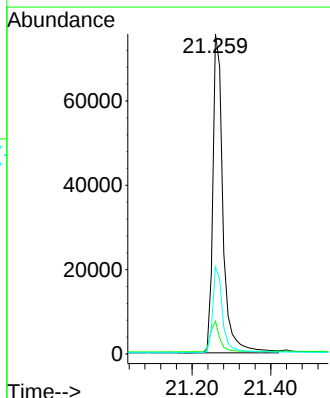
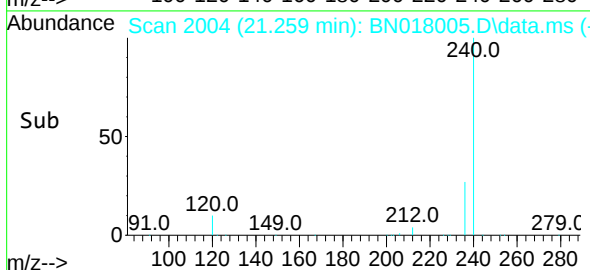
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021

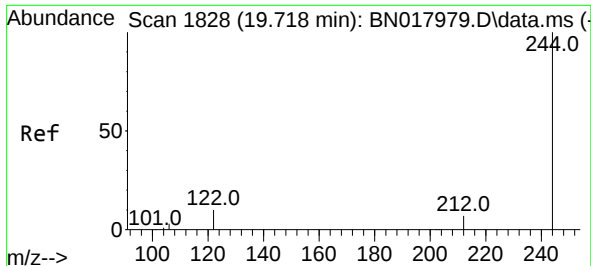


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. -0.010 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53



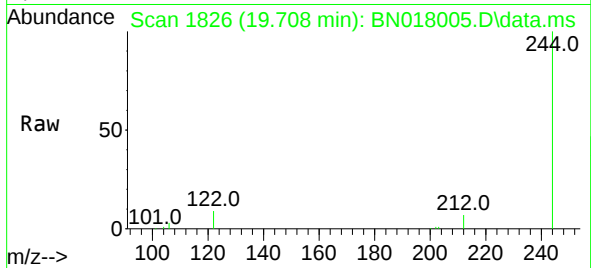
Tgt Ion:240 Resp: 135415
Ion Ratio Lower Upper
240 100
120 10.3 6.0 9.0#
236 27.2 21.4 32.2





#31
Terphenyl-d14
Concen: 0.528 ng
RT: 19.708 min Scan# 1826
Delta R.T. -0.010 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53

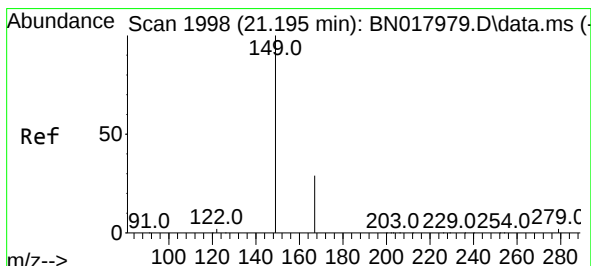
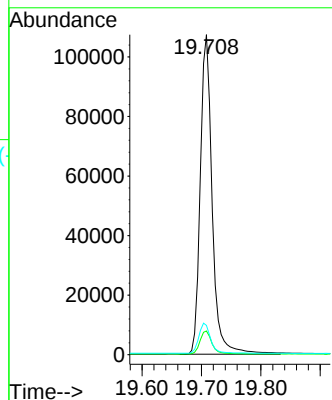
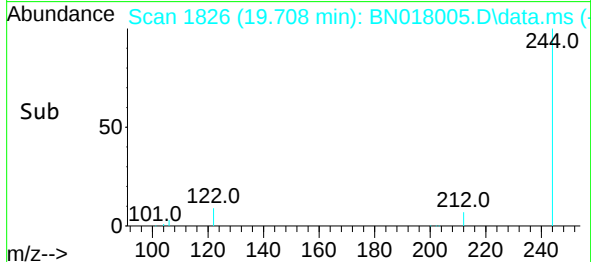
Instrument :
BNA_N
ClientSampleId :
RE137-20211204



Tgt Ion:244 Resp: 14903
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 9.2 7.9 11.9

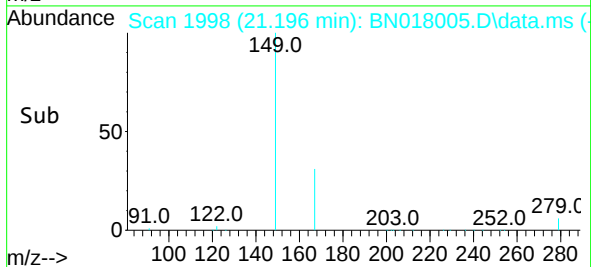
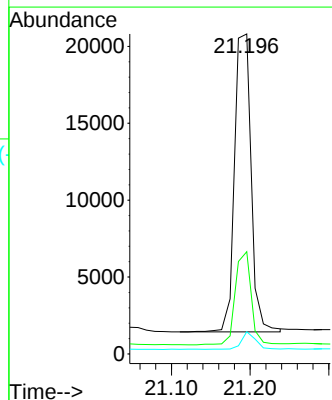
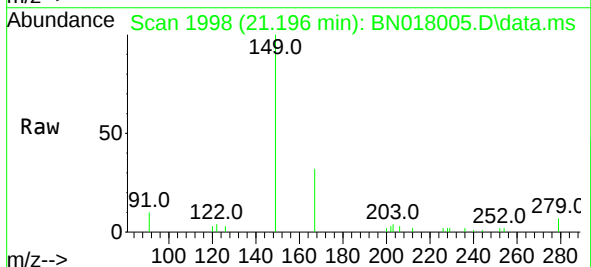
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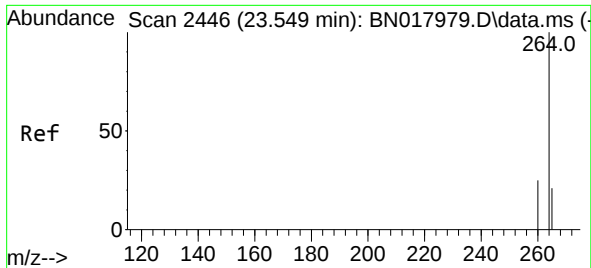
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.142 ng
RT: 21.196 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53

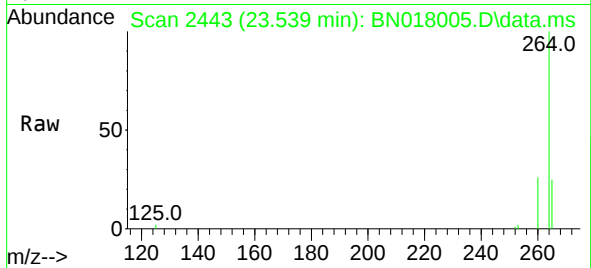
Tgt Ion:149 Resp: 28497
Ion Ratio Lower Upper
149 100
167 30.1 23.7 35.5
279 5.0 3.6 5.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.539 min Scan# 24
 Delta R.T. -0.010 min
 Lab File: BN018005.D
 Acq: 14 Dec 2021 15:53

Instrument :
 BNA_N
 ClientSampleId :
 RE137-20211204



Tgt Ion:264 Resp: 13417
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.2 30.4
 265 25.5 18.2 27.2

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

