

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016643.D
 Acq On : 01 Oct 2021 19:34
 Operator : CG/JU
 Sample : M3833-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20210919

Quant Time: Oct 02 00:52:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 13:35:26 2021
 Response via : Initial Calibration

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

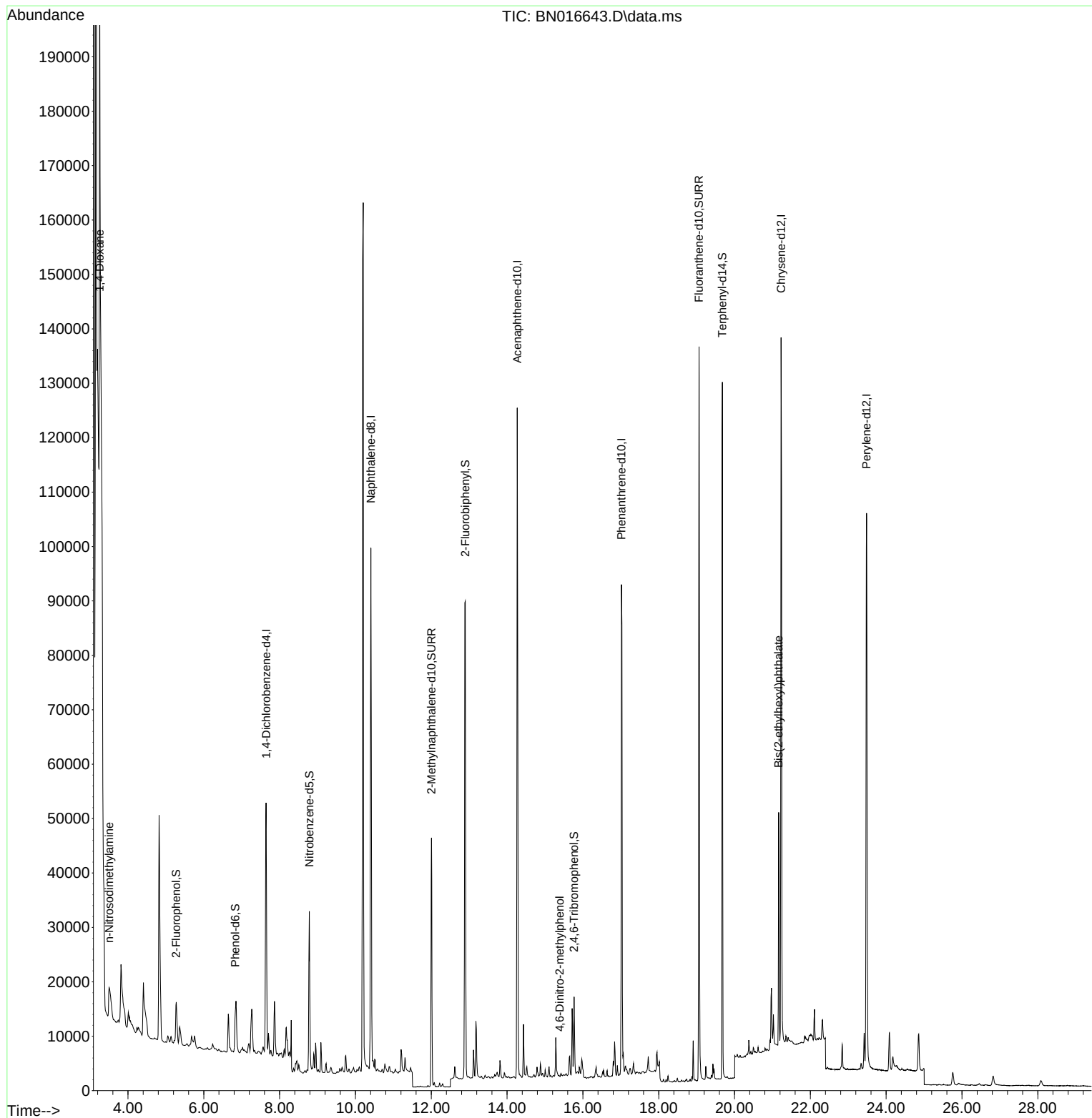
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	27540	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	127088	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	70206	0.400	ng	0.00
19) Phenanthrene-d10	17.017	188	136311	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	130487	0.400	ng	#-0.01
35) Perylene-d12	23.481	264	136831	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	10507	0.150	ng	0.02
5) Phenol-d6	6.831	99	7066	0.092	ng	0.00
8) Nitrobenzene-d5	8.784	82	26309	0.318	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	62723	0.334	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	12183	0.381	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	87339	0.307	ng	0.00
27) Fluoranthene-d10	19.063	212	152242	0.420	ng	0.00
31) Terphenyl-d14	19.678	244	126956	0.447	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	80824	6.376	ng	# 86
3) n-Nitrosodimethylamine	3.502	42	2565	0.126	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.385	198	8	0.137	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.164	149	40850	0.256	ng	100

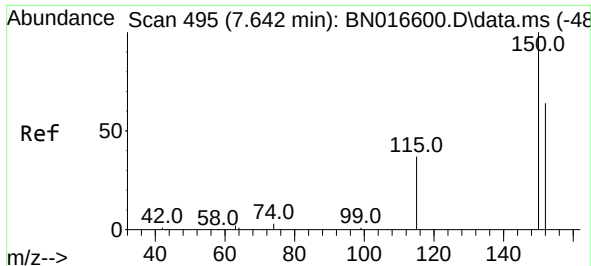
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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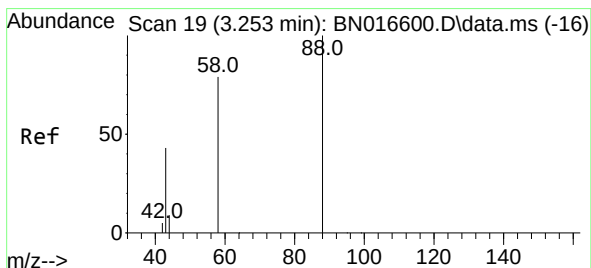
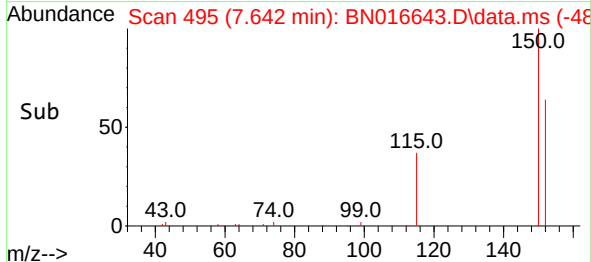
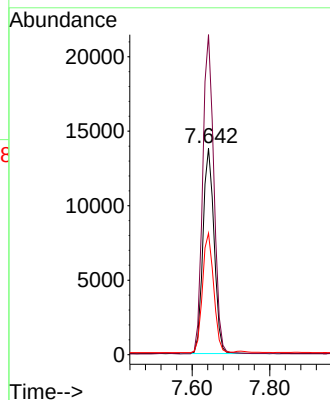
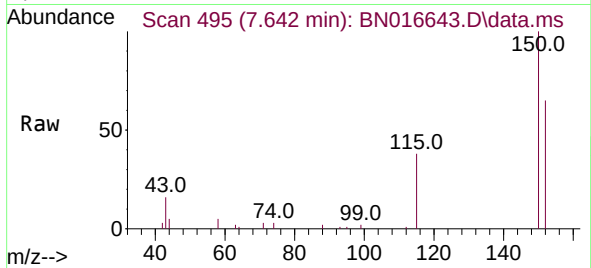




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016643.D
 Acq: 01 Oct 2021 19:34

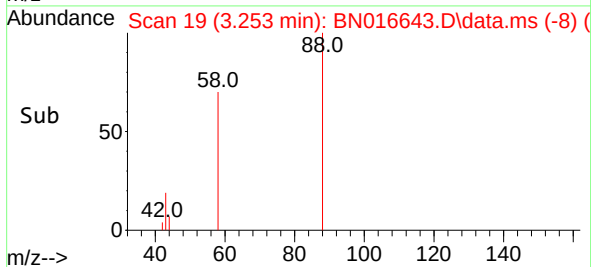
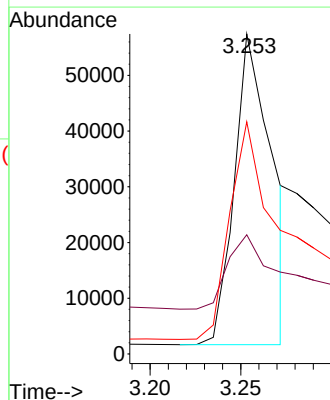
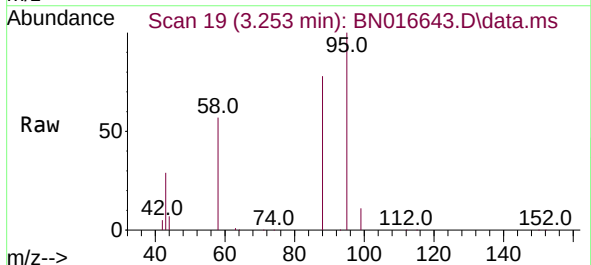
Instrument :
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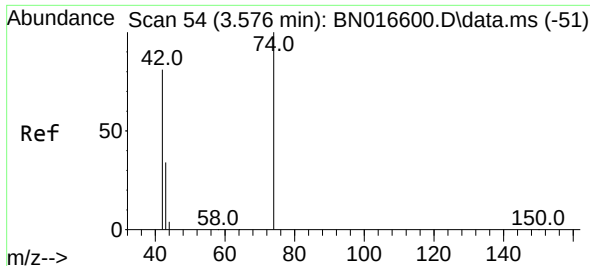
Tgt Ion:152 Resp: 27540
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.6 186.8
 115 58.8 46.5 69.7



#2
 1,4-Dioxane
 Concen: 6.376 ng
 RT: 3.253 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: BN016643.D
 Acq: 01 Oct 2021 19:34

Tgt Ion: 88 Resp: 80824
 Ion Ratio Lower Upper
 88 100
 43 26.3 37.8 56.8#
 58 74.0 61.3 91.9

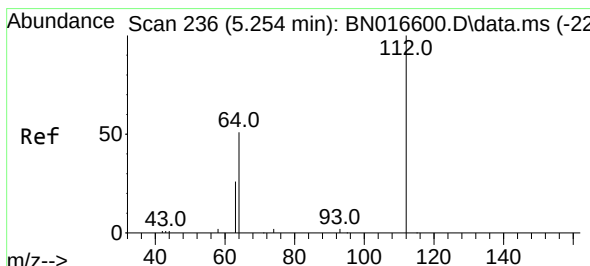
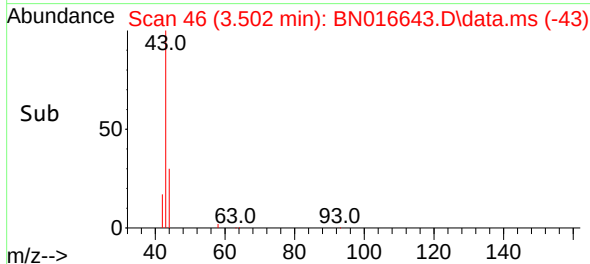
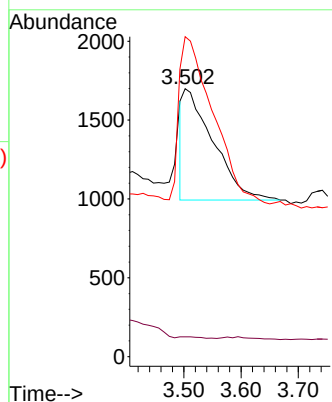
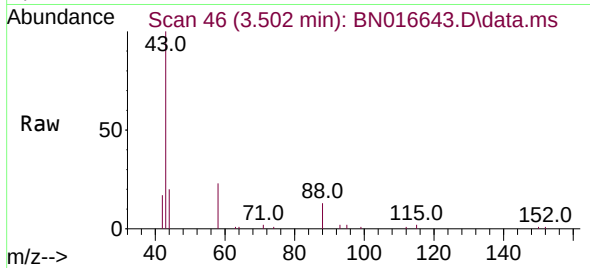




#3
n-Nitrosodimethylamine
Concen: 0.126 ng
RT: 3.502 min Scan# 46
Delta R.T. -0.074 min
Lab File: BN016643.D
Acq: 01 Oct 2021 19:34

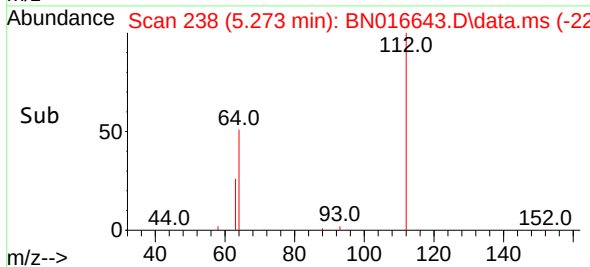
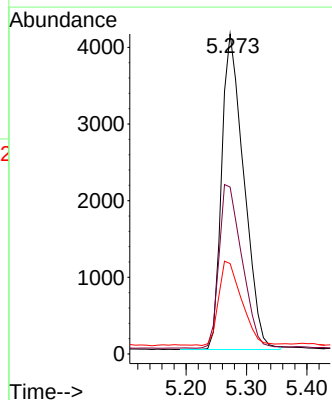
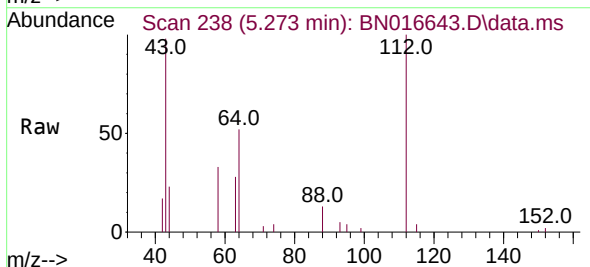
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BNA_N
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MW201D-20210919

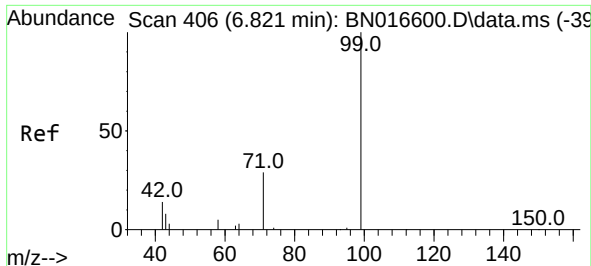
Tgt Ion: 42 Resp: 2565
Ion Ratio Lower Upper
42 100
74 0.0 121.6 182.4#
44 150.0 6.3 9.5#



#4
2-Fluorophenol
Concen: 0.150 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016643.D
Acq: 01 Oct 2021 19:34

Tgt Ion: 112 Resp: 10507
Ion Ratio Lower Upper
112 100
64 53.8 43.1 64.7
63 27.4 21.6 32.4

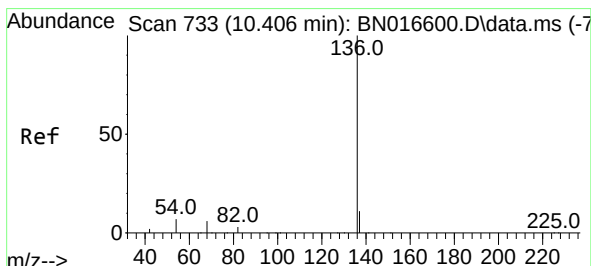
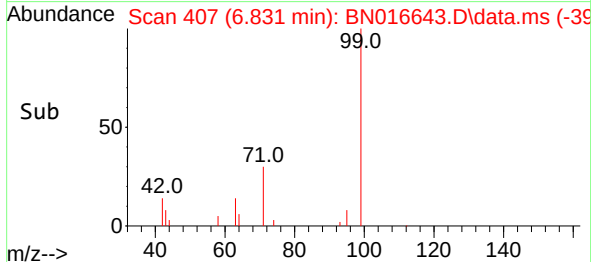
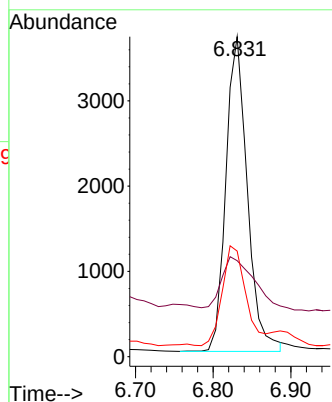
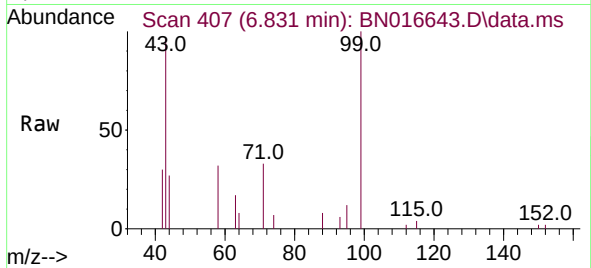




#5
Phenol-d6
Concen: 0.092 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016643.D
Acq: 01 Oct 2021 19:34

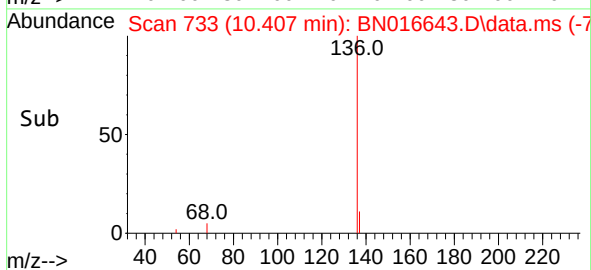
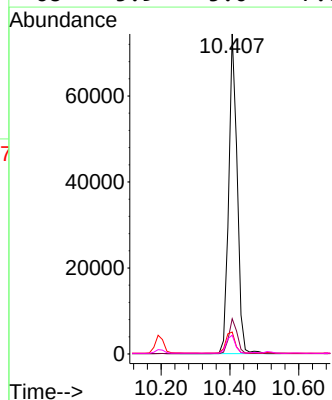
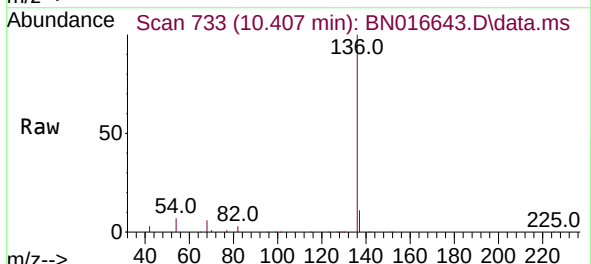
Instrument :
BNA_N
ClientSampleId :
MW201D-20210919

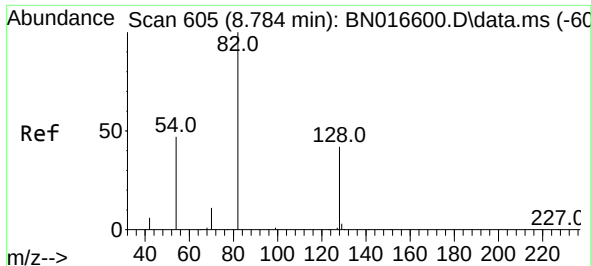
Tgt Ion: 99 Resp: 7066
Ion Ratio Lower Upper
99 100
42 23.4 13.0 19.6#
71 35.3 23.5 35.3#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016643.D
Acq: 01 Oct 2021 19:34

Tgt Ion: 136 Resp: 127088
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.9 5.9 8.9
68 5.9 5.0 7.6

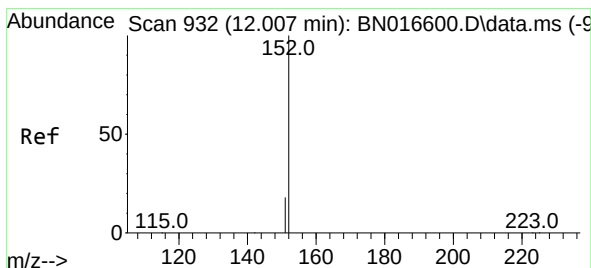
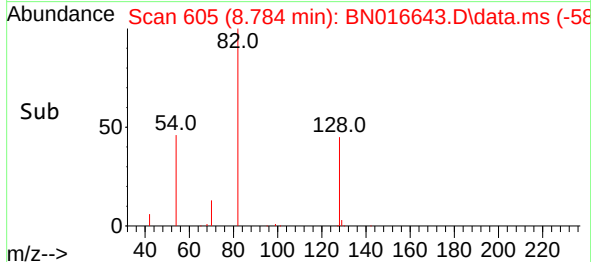
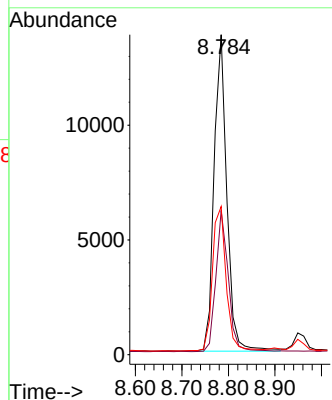
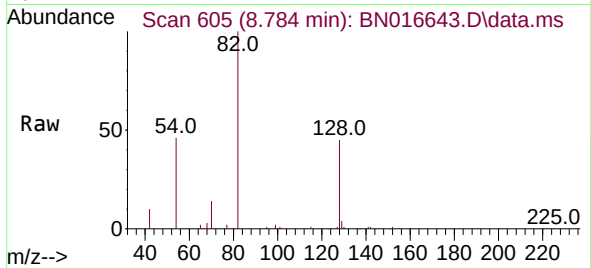




#8
Nitrobenzene-d5
Concen: 0.318 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016643.D
Acq: 01 Oct 2021 19:34

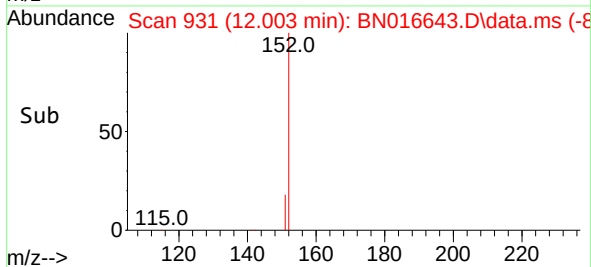
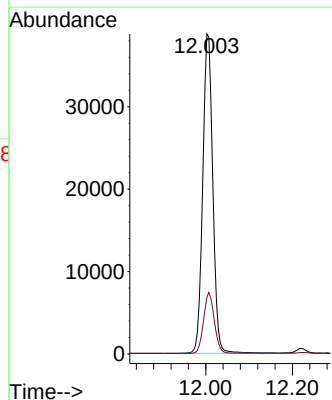
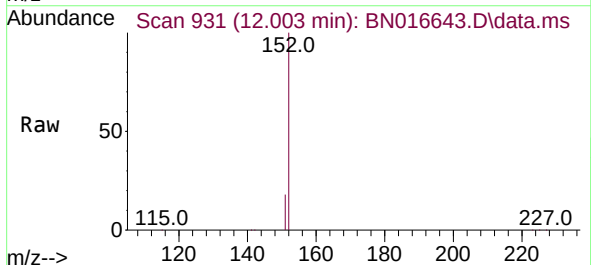
Instrument :
BNA_N
ClientSampleId :
MW201D-20210919

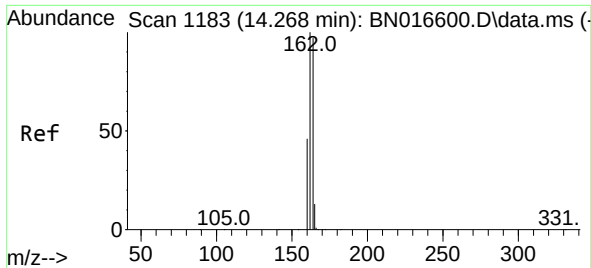
Tgt Ion: 82 Resp: 26309
Ion Ratio Lower Upper
82 100
128 45.1 33.6 50.4
54 46.3 37.6 56.4



#11
2-Methylnaphthalene-d10
Concen: 0.334 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016643.D
Acq: 01 Oct 2021 19:34

Tgt Ion: 152 Resp: 62723
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4

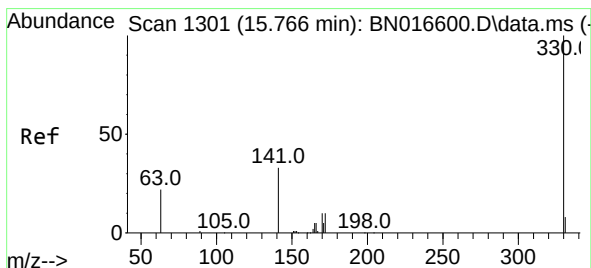
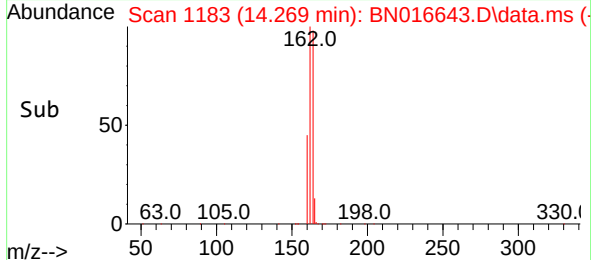
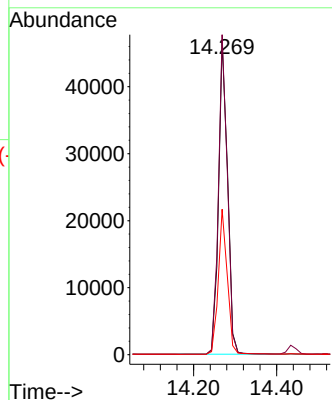
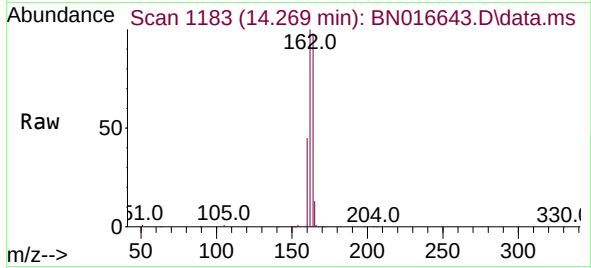




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016643.D
Acq: 01 Oct 2021 19:34

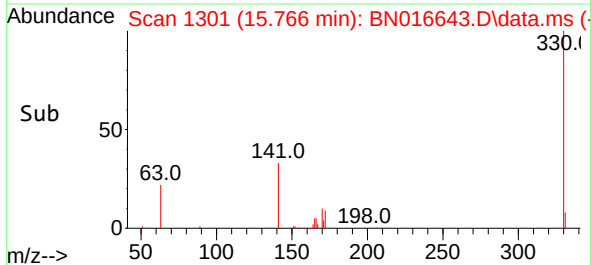
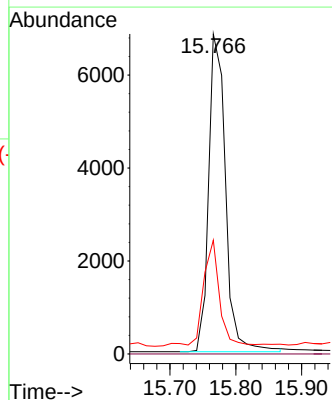
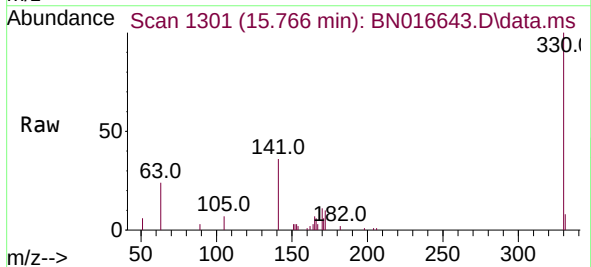
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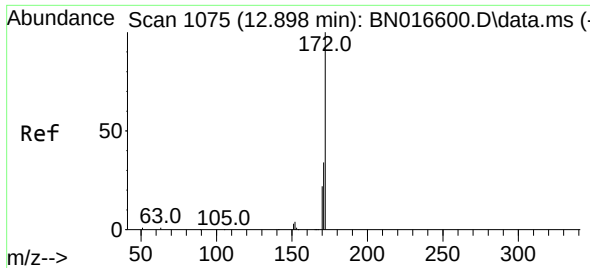
Tgt Ion:164 Resp: 70206
Ion Ratio Lower Upper
164 100
162 102.1 82.2 123.2
160 46.4 37.7 56.5



#14
2,4,6-Tribromophenol
Concen: 0.381 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016643.D
Acq: 01 Oct 2021 19:34

Tgt Ion:330 Resp: 12183
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.7 25.2 37.8

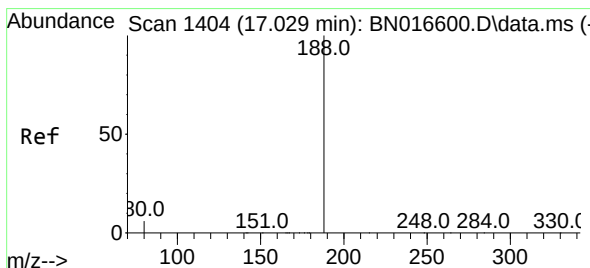
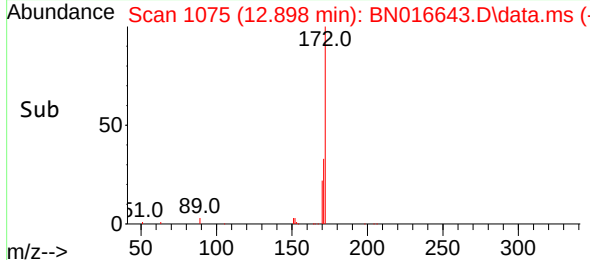
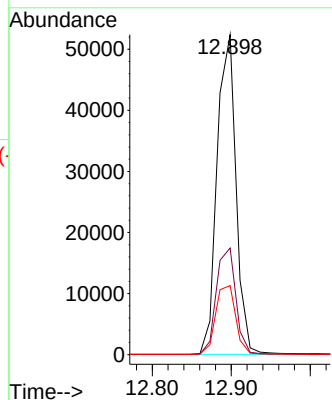
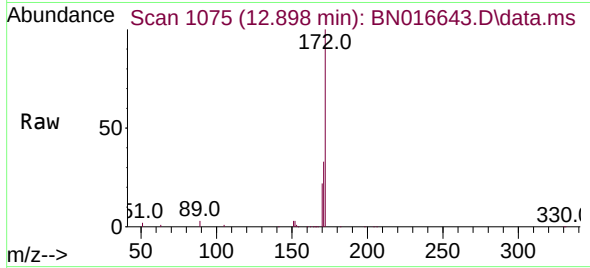




#15
2-Fluorobiphenyl
Concen: 0.307 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016643.D
Acq: 01 Oct 2021 19:34

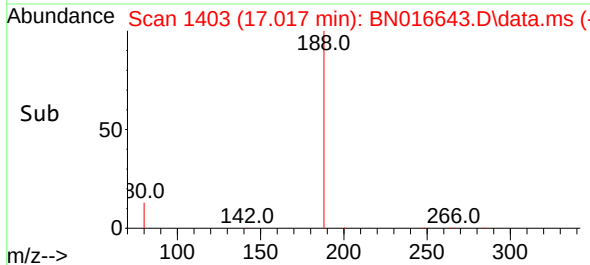
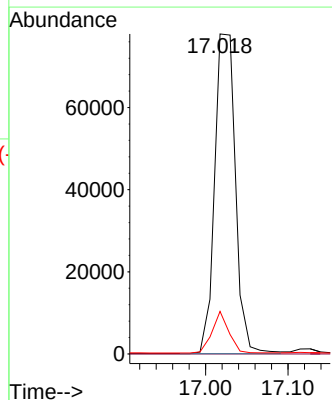
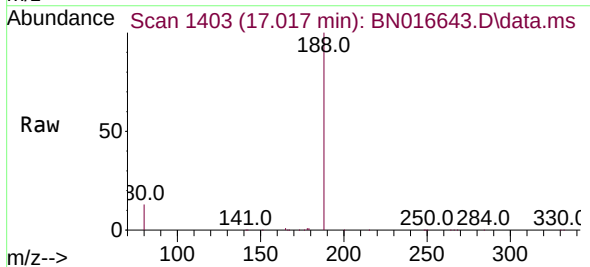
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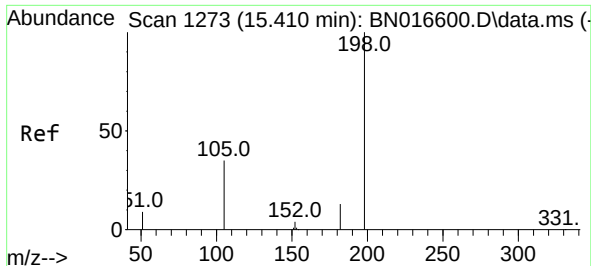
Tgt Ion:172	Resp:	87339
Ion Ratio	Lower	Upper
172	100	
171	33.4	27.0 40.4
170	21.6	17.4 26.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016643.D
Acq: 01 Oct 2021 19:34

Tgt Ion:188	Resp:	136311
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	13.3	5.0 7.6#

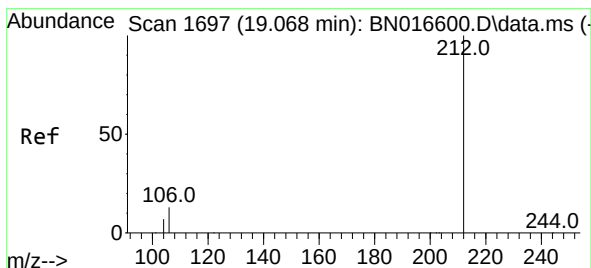
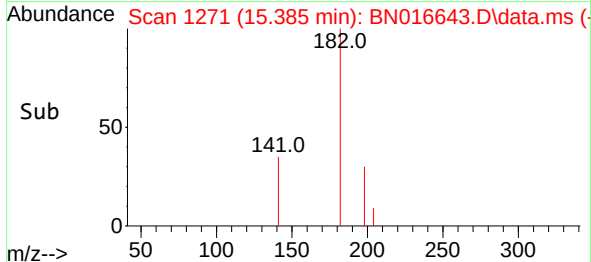
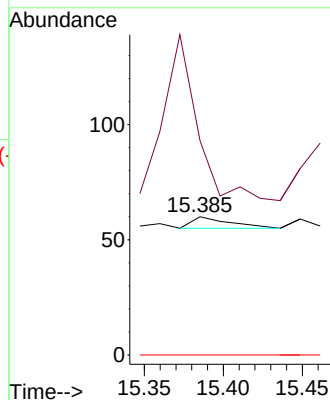
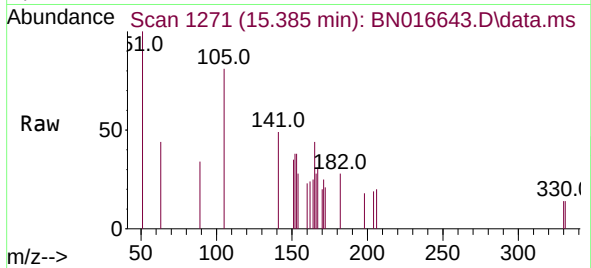




#20
4,6-Dinitro-2-methylphenol
Concen: 0.137 ng
RT: 15.385 min Scan# 1271
Delta R.T. -0.025 min
Lab File: BN016643.D
Acq: 01 Oct 2021 19:34

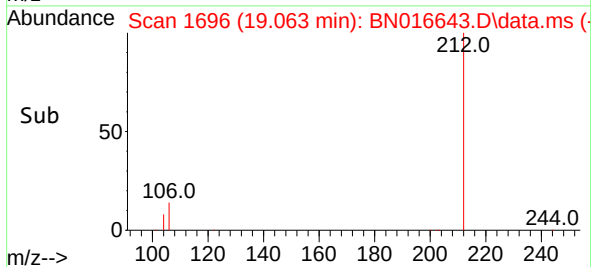
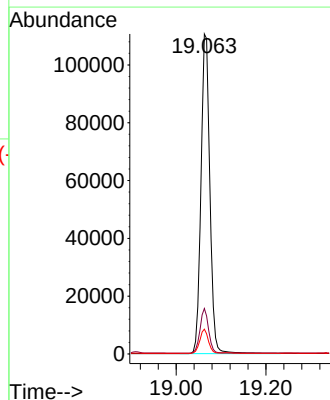
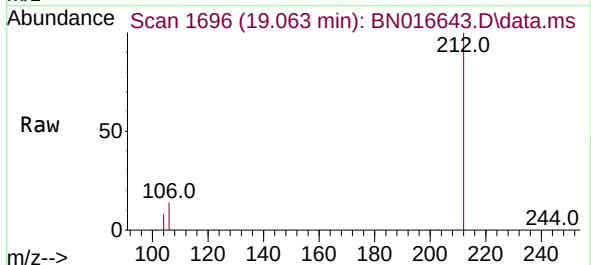
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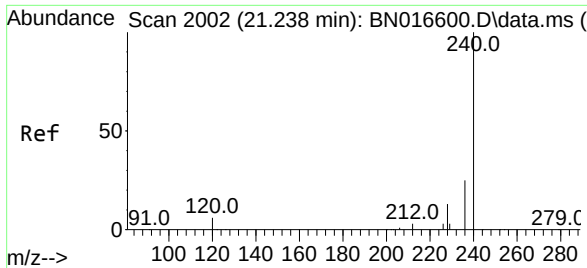
Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
182 155.0 11.8 17.8#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.420 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016643.D
Acq: 01 Oct 2021 19:34

Tgt Ion:212 Resp: 152242
Ion Ratio Lower Upper
212 100
106 13.6 10.6 16.0
104 7.3 5.9 8.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.227 min Scan# 2001

Delta R.T. -0.010 min

Lab File: BN016643.D

Acq: 01 Oct 2021 19:34

Tgt Ion:240 Resp: 130487

Ion Ratio Lower Upper

240 100

120 13.9 5.0 7.4#

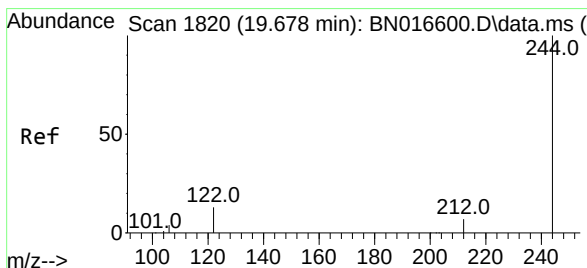
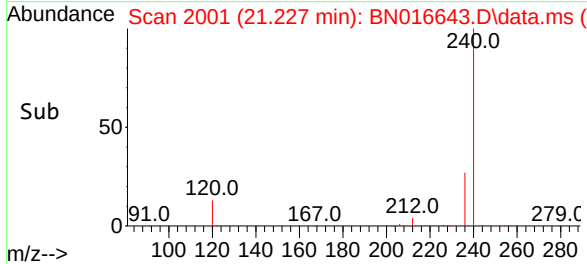
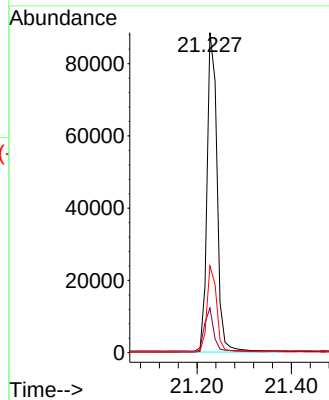
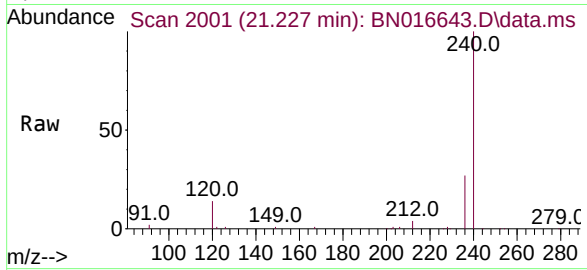
236 27.1 20.4 30.6

Instrument :

BNA_N

ClientSampleId :

MW201D-20210919



#31

Terphenyl-d14

Concen: 0.447 ng

RT: 19.678 min Scan# 1820

Delta R.T. 0.000 min

Lab File: BN016643.D

Acq: 01 Oct 2021 19:34

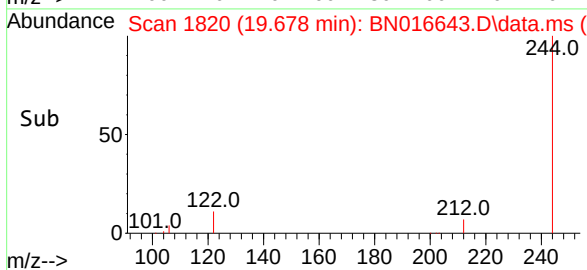
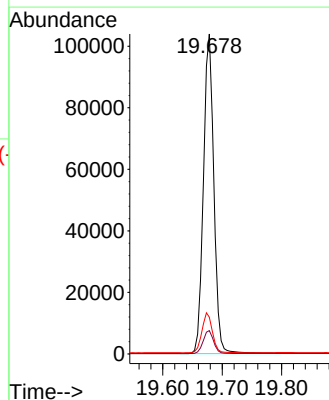
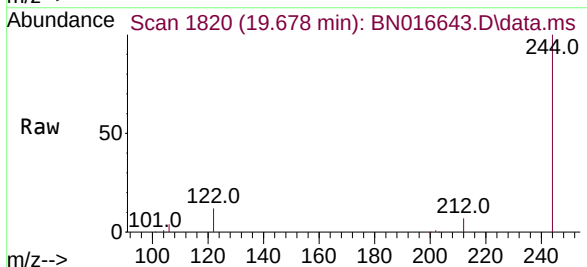
Tgt Ion:244 Resp: 126956

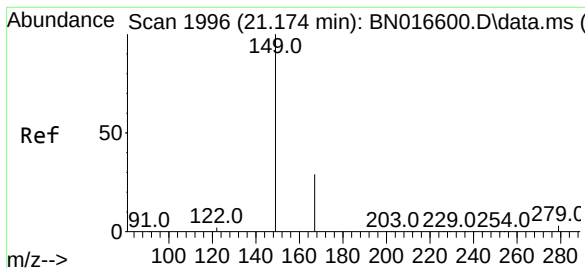
Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 11.5 10.1 15.1

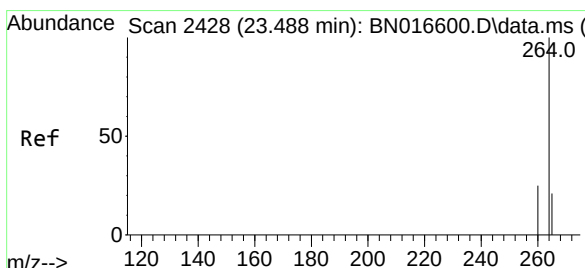
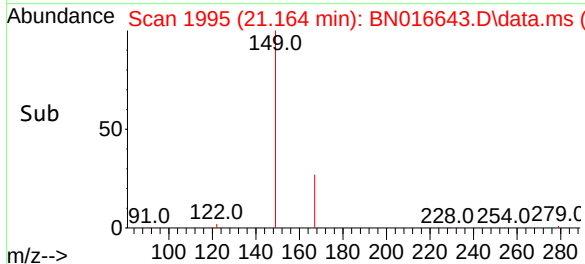
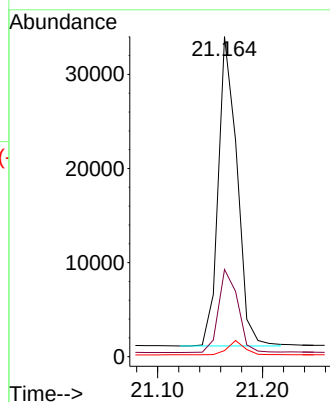
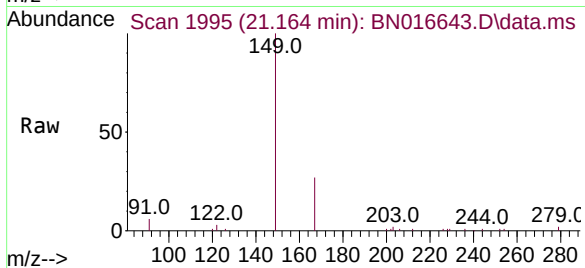




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.256 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. -0.010 min
 Lab File: BN016643.D
 Acq: 01 Oct 2021 19:34

Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20210919

Tgt Ion:149 Resp: 40850
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.2 33.4
 279 4.2 3.2 4.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.481 min Scan# 2426
 Delta R.T. -0.007 min
 Lab File: BN016643.D
 Acq: 01 Oct 2021 19:34

Tgt Ion:264 Resp: 136831
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.9 29.9
 265 23.5 19.2 28.8

