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 Data File : BN019654.D
 Acq On : 03 May 2022 18:25
 Operator : CG/JU
 Sample : N2640-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MWBR3D-B-480-500-042922

Quant Time: May 04 07:33:49 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 02:56:24 2022
 Response via : Initial Calibration

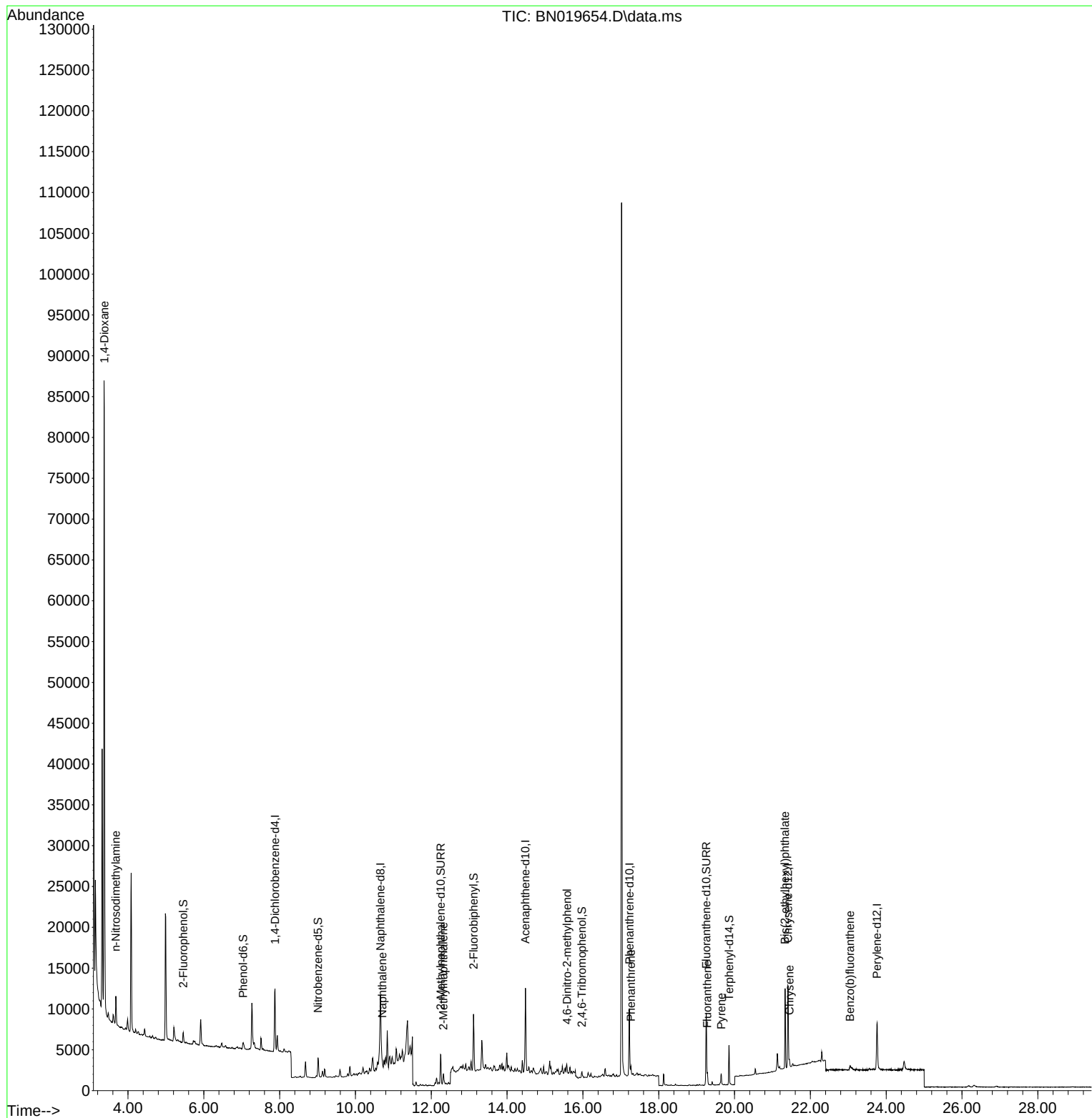
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	3817	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	10547	0.400	ng	#-0.01
13) Acenaphthene-d10	14.484	164	5525	0.400	ng	-0.01
19) Phenanthrene-d10	17.225	188	10896	0.400	ng	-0.01
29) Chrysene-d12	21.413	240	10101	0.400	ng	# 0.00
35) Perylene-d12	23.758	264	8334	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.457	112	1043	0.111	ng	0.00
5) Phenol-d6	7.038	99	724	0.064	ng	0.00
8) Nitrobenzene-d5	9.014	82	2109	0.281	ng	-0.01
11) 2-Methylnaphthalene-d10	12.246	152	4606	0.281	ng	-0.01
14) 2,4,6-Tribromophenol	15.974	330	394	0.223	ng	-0.01
15) 2-Fluorobiphenyl	13.116	172	6092	0.258	ng	-0.01
27) Fluoranthene-d10	19.253	212	9833	0.317	ng	0.00
31) Terphenyl-d14	19.855	244	5411	0.244	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.377	88	46413	10.403	ng	98
3) n-Nitrosodimethylamine	3.680	42	385	0.111	ng	# 1
9) Naphthalene	10.712	128	986	0.033	ng	# 75
12) 2-Methylnaphthalene	12.318	142	790	0.042	ng	# 78
20) 4,6-Dinitro-2-methylph...	15.586	198	46	0.160	ng	# 1
25) Phenanthrene	17.266	178	1263	0.035	ng	# 89
28) Fluoranthene	19.282	202	1194	0.030	ng	# 93
30) Pyrene	19.649	202	1275	0.031	ng	# 96
33) Chrysene	21.449	228	820	0.021	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.333	149	8573	0.514	ng	99
37) Benzo(b)fluoranthene	23.045	252	746	0.022	ng	# 1

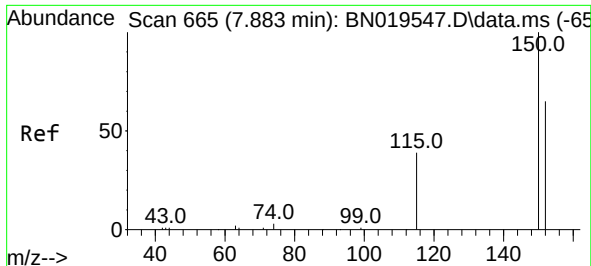
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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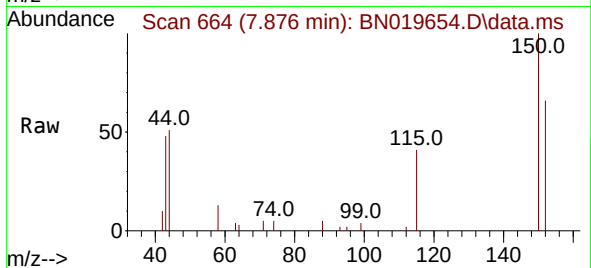
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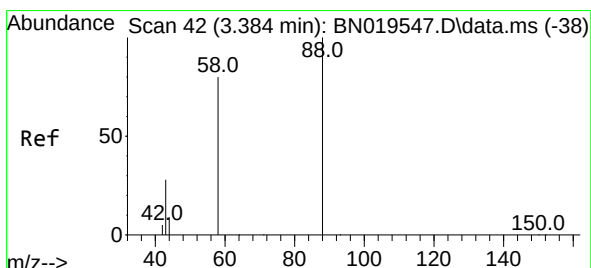
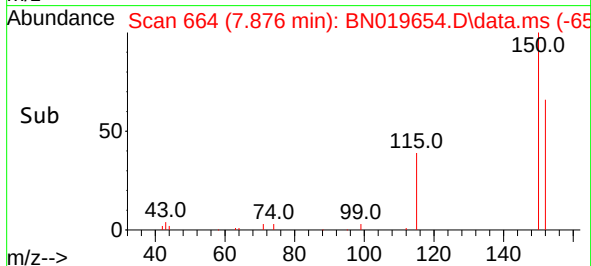
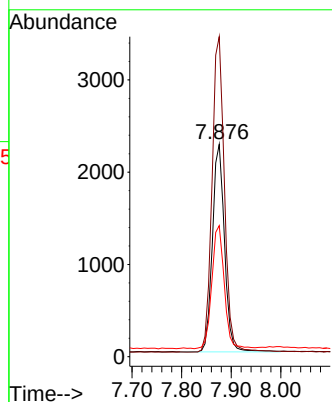


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.876 min Scan# 60
 Delta R.T. -0.007 min
 Lab File: BN019654.D
 Acq: 03 May 2022 18:25

Instrument :
 BNA_N
 ClientSampleId :
 MWBR3D-B-480-500-042922

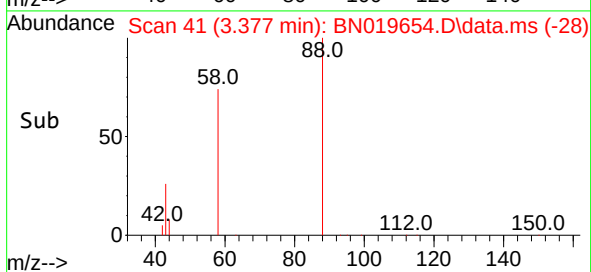
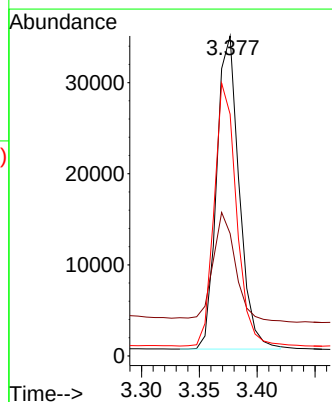
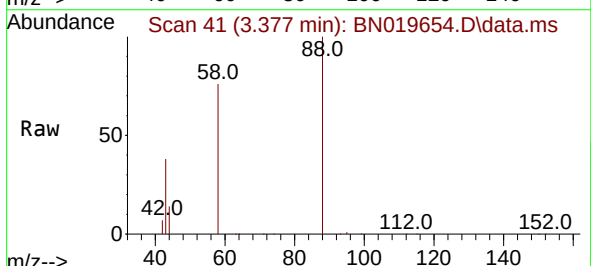


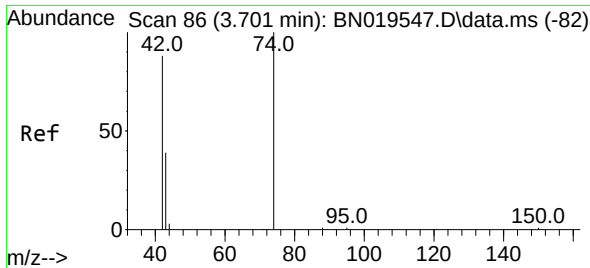
Tgt Ion:152 Resp: 3817
 Ion Ratio Lower Upper
 152 100
 150 150.7 122.6 183.8
 115 61.7 49.0 73.6



#2
 1,4-Dioxane
 Concen: 10.403 ng
 RT: 3.377 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: BN019654.D
 Acq: 03 May 2022 18:25

Tgt Ion: 88 Resp: 46413
 Ion Ratio Lower Upper
 88 100
 43 34.0 25.2 37.8
 58 83.0 67.6 101.4

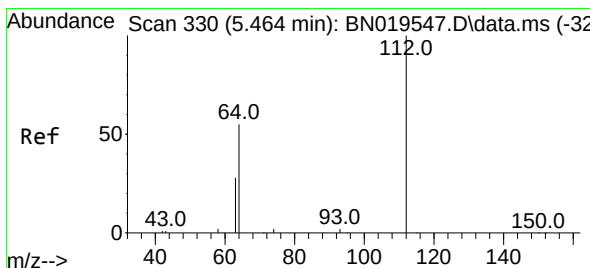
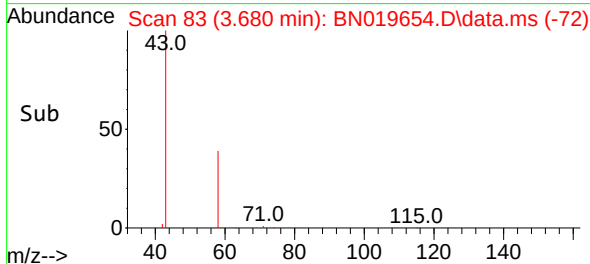
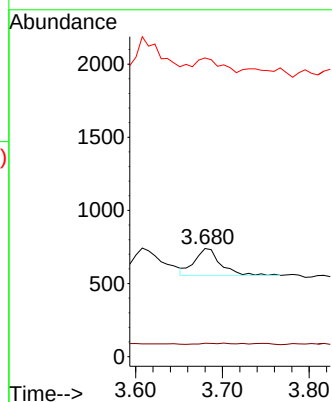
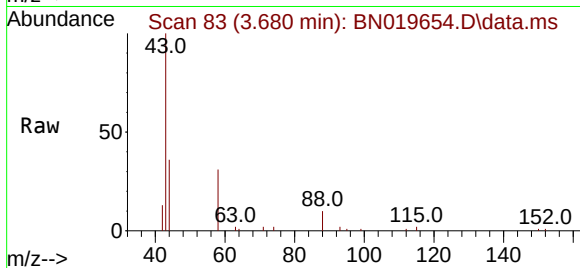




#3
 n-Nitrosodimethylamine
 Concen: 0.111 ng
 RT: 3.680 min Scan# 81
 Delta R.T. -0.022 min
 Lab File: BN019654.D
 Acq: 03 May 2022 18:25

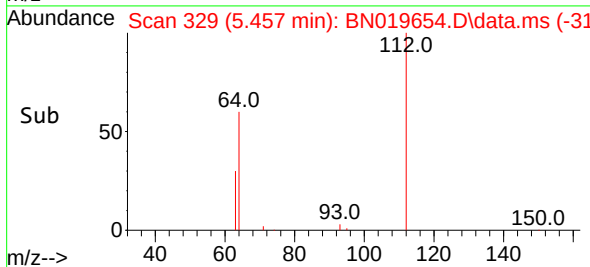
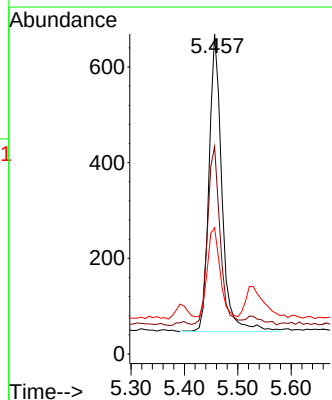
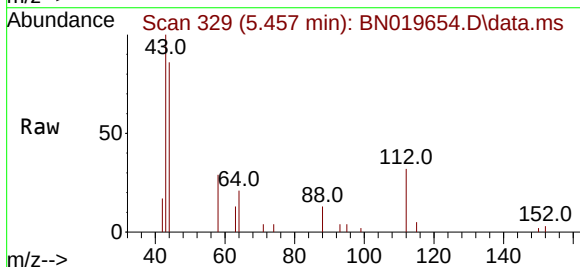
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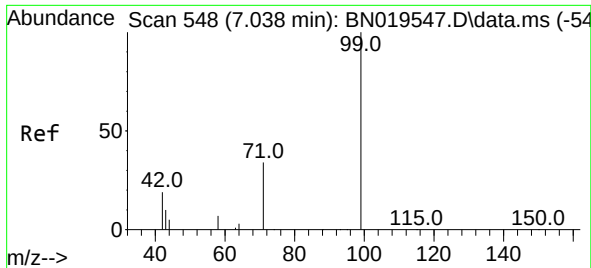
Tgt Ion: 42 Resp: 385
 Ion Ratio Lower Upper
 42 100
 74 2.6 101.8 152.6#
 44 46.0 8.4 12.6#



#4
 2-Fluorophenol
 Concen: 0.111 ng
 RT: 5.457 min Scan# 329
 Delta R.T. -0.007 min
 Lab File: BN019654.D
 Acq: 03 May 2022 18:25

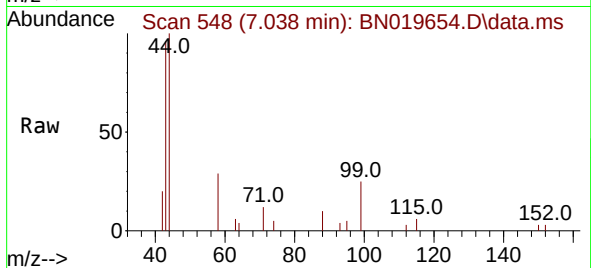
Tgt Ion: 112 Resp: 1043
 Ion Ratio Lower Upper
 112 100
 64 58.3 47.3 70.9
 63 29.5 24.6 36.8



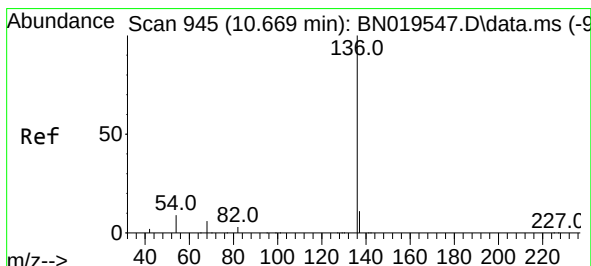
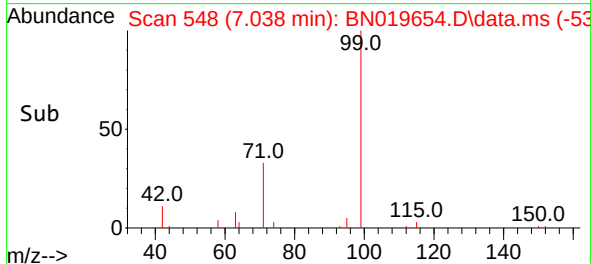
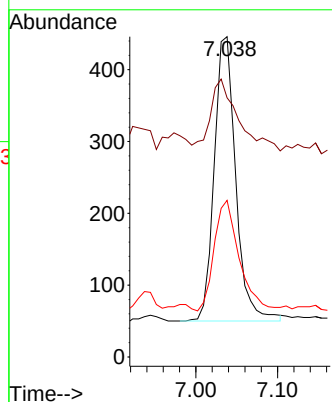


#5
Phenol-d6
Concen: 0.064 ng
RT: 7.038 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

Instrument :
BNA_N
ClientSampleId :
MWBR3D-B-480-500-042922

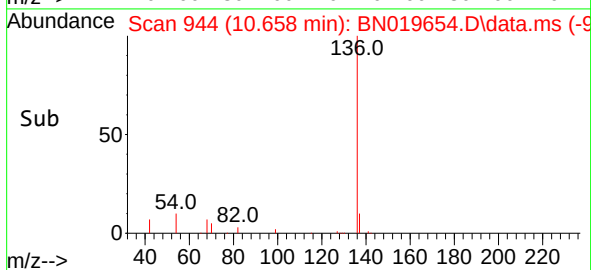
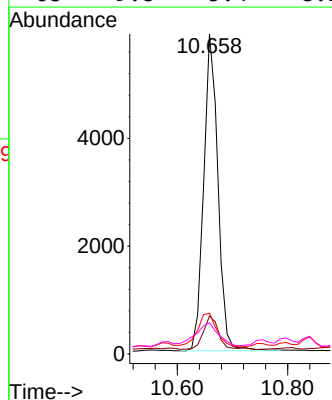
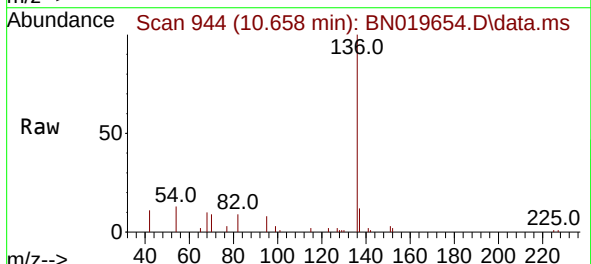


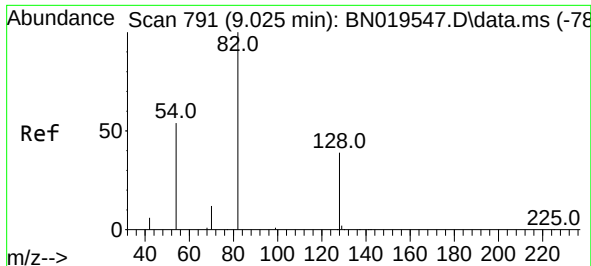
Tgt Ion: 99 Resp: 724
Ion Ratio Lower Upper
99 100
42 32.5 15.8 23.8#
71 45.3 26.5 39.7#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.011 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

Tgt Ion: 136 Resp: 10547
Ion Ratio Lower Upper
136 100
137 11.9 9.1 13.7
54 12.7 7.8 11.6#
68 9.8 5.4 8.2#

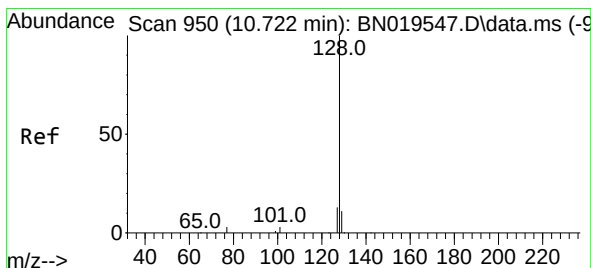
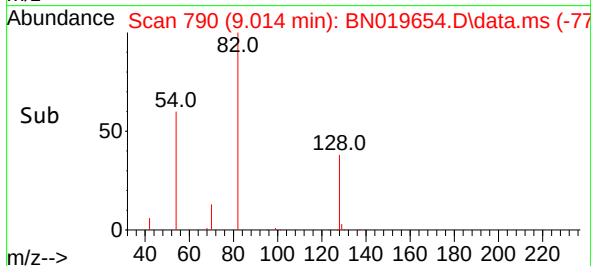
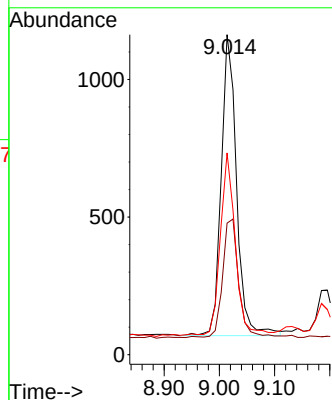
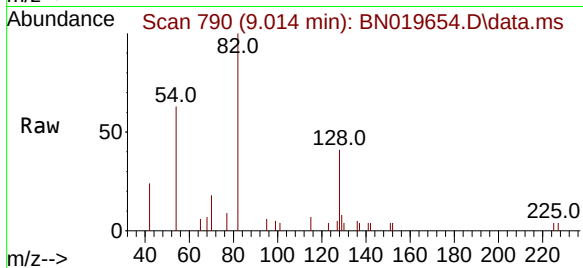




#8
Nitrobenzene-d5
Concen: 0.281 ng
RT: 9.014 min Scan# 791
Delta R.T. -0.011 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

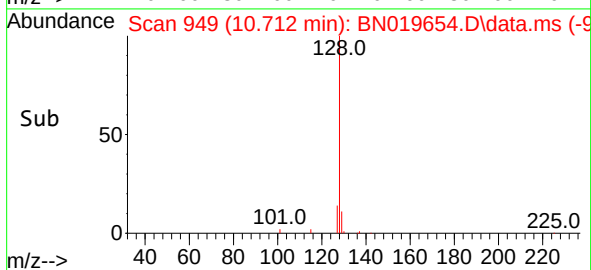
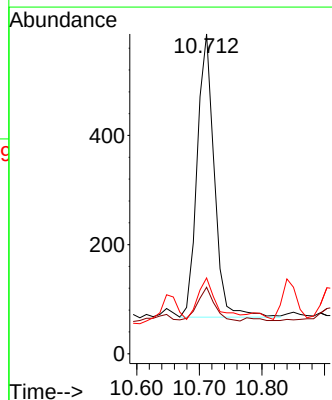
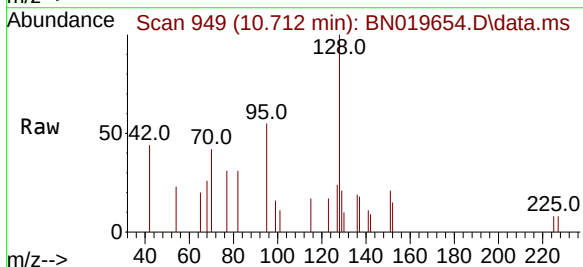
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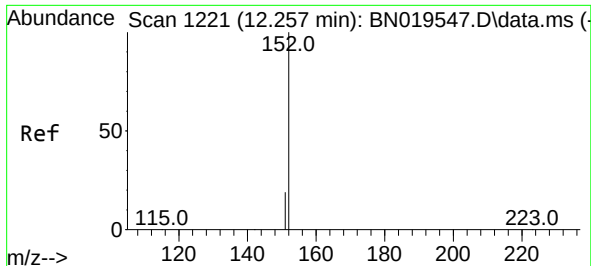
Tgt Ion: 82 Resp: 2109
Ion Ratio Lower Upper
82 100
128 41.1 32.4 48.6
54 63.0 44.4 66.6



#9
Naphthalene
Concen: 0.033 ng
RT: 10.712 min Scan# 949
Delta R.T. -0.011 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

Tgt Ion: 128 Resp: 986
Ion Ratio Lower Upper
128 100
129 20.8 9.0 13.4#
127 23.7 10.8 16.2#

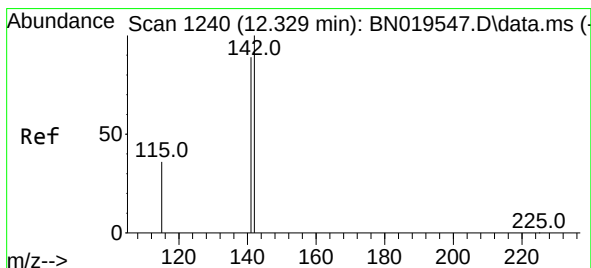
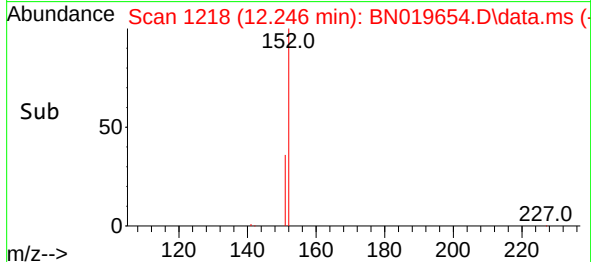
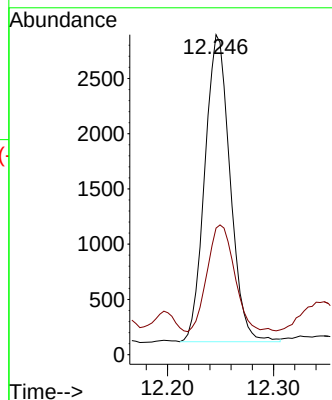
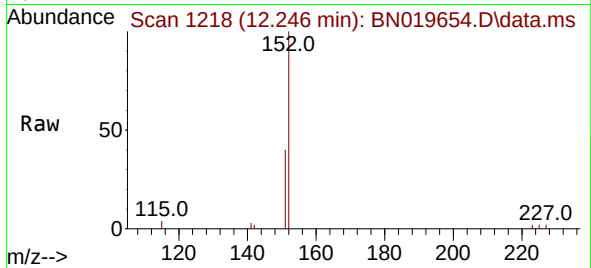




#11
2-Methylnaphthalene-d10
Concen: 0.281 ng
RT: 12.246 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

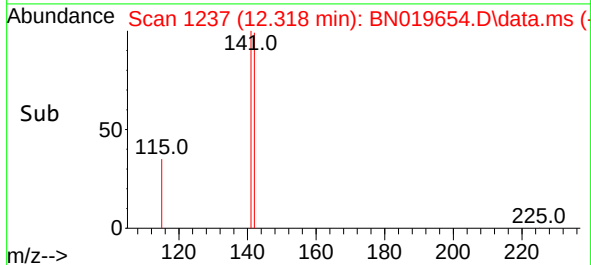
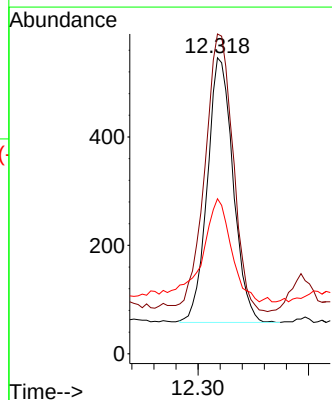
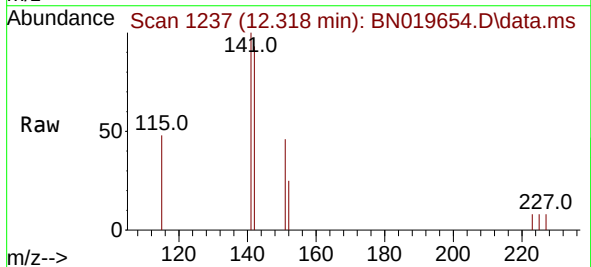
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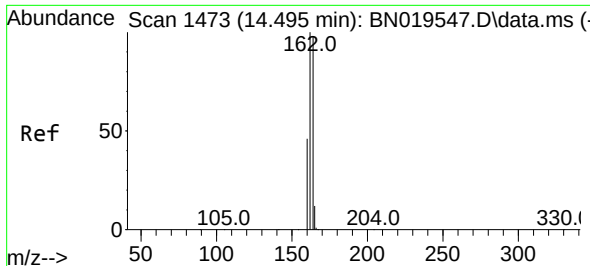
Tgt Ion:152 Resp: 4606
Ion Ratio Lower Upper
152 100
151 37.7 16.2 24.4#



#12
2-Methylnaphthalene
Concen: 0.042 ng
RT: 12.318 min Scan# 1237
Delta R.T. -0.011 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

Tgt Ion:142 Resp: 790
Ion Ratio Lower Upper
142 100
141 108.1 71.0 106.6#
115 52.4 29.6 44.4#

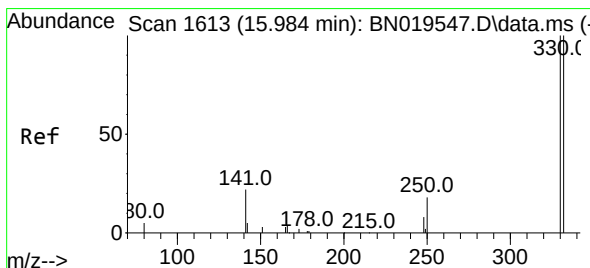
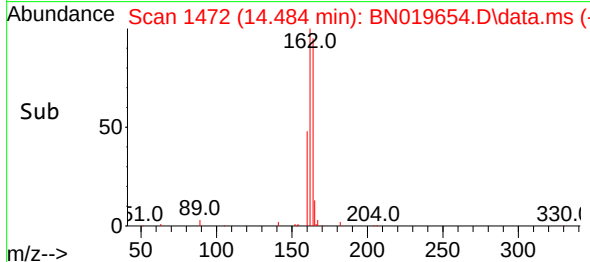
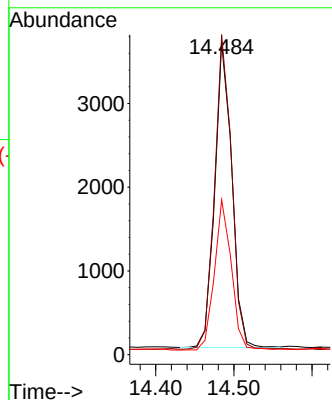
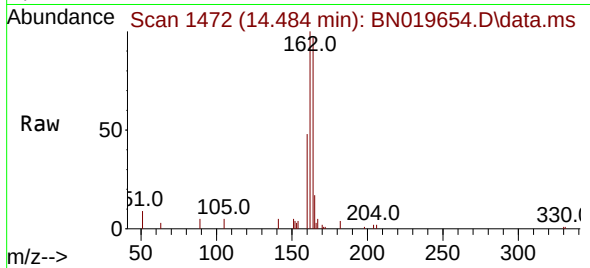




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

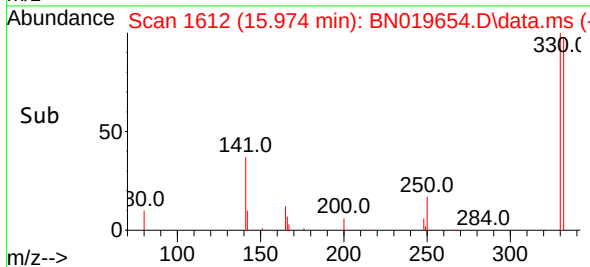
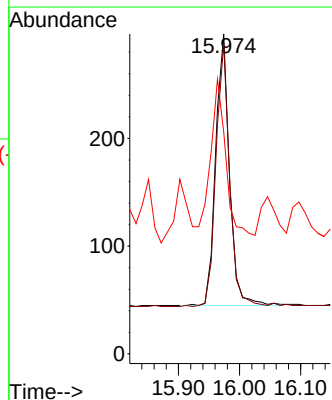
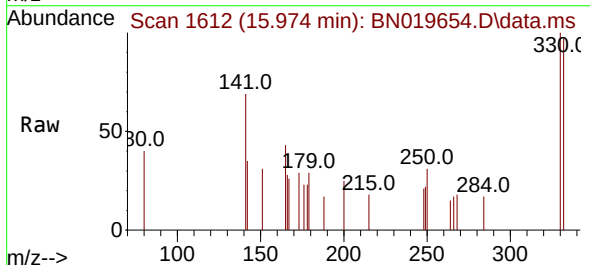
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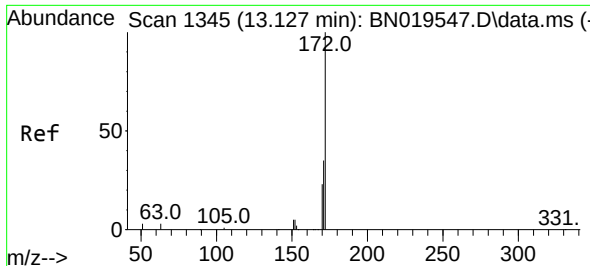
Tgt Ion:164	Resp:	5525
Ion Ratio	Lower	Upper
164	100	
162	102.6	81.8 122.6
160	49.7	38.3 57.5



#14
2,4,6-Tribromophenol
Concen: 0.223 ng
RT: 15.974 min Scan# 1612
Delta R.T. -0.010 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

Tgt Ion:330	Resp:	394
Ion Ratio	Lower	Upper
330	100	
332	95.9	76.2 114.4
141	61.2	39.7 59.5#

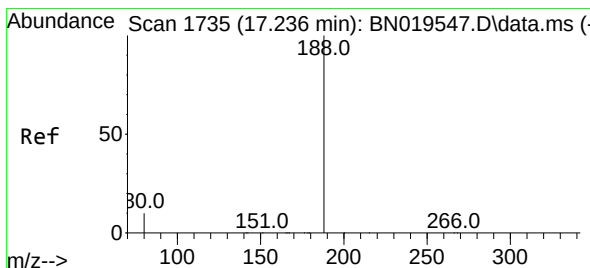
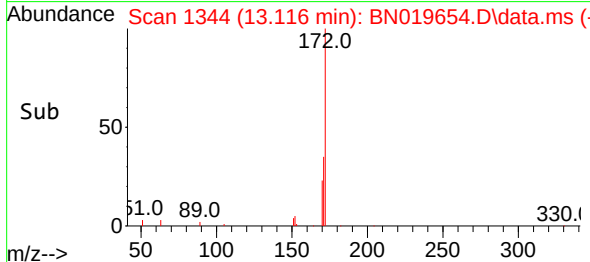
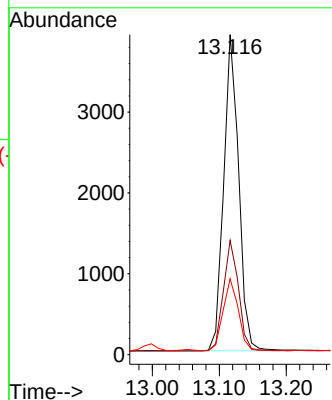
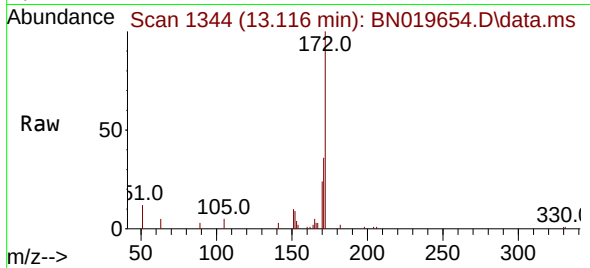




#15
2-Fluorobiphenyl
Concen: 0.258 ng
RT: 13.116 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

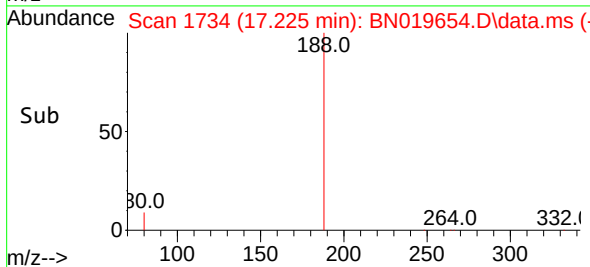
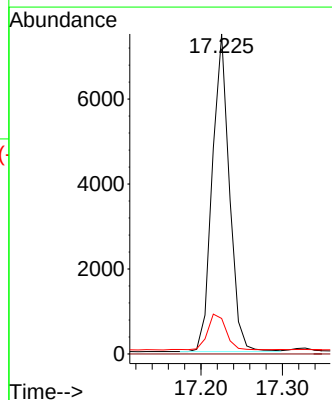
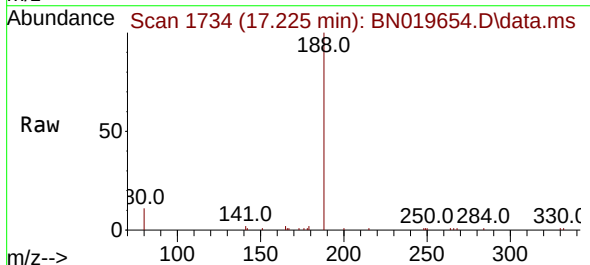
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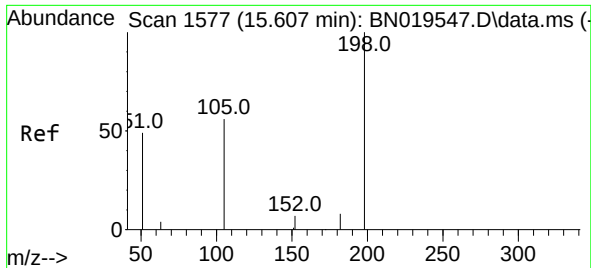
Tgt Ion:172 Resp: 6092
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 23.7 19.0 28.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1734
Delta R.T. -0.010 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

Tgt Ion:188 Resp: 10896
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 8.6 12.8

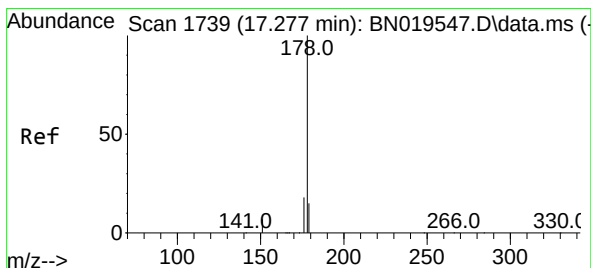
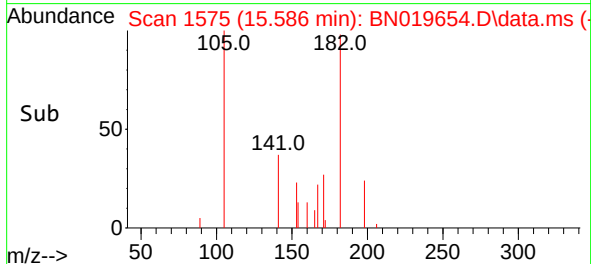
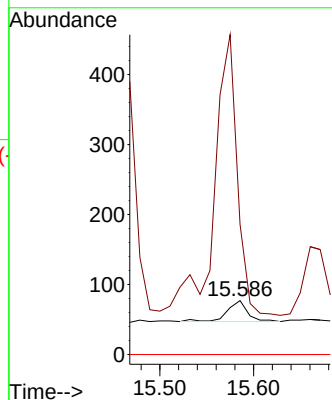
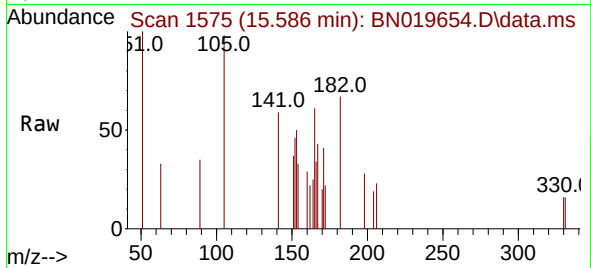




#20
4,6-Dinitro-2-methylphenol
Concen: 0.160 ng
RT: 15.586 min Scan# 1575
Delta R.T. -0.021 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

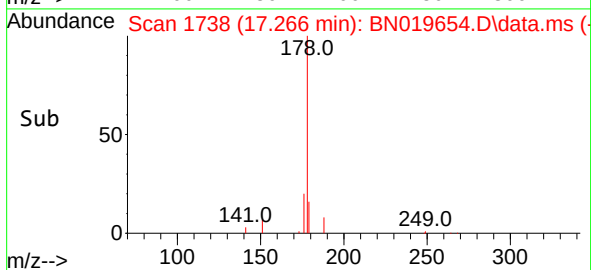
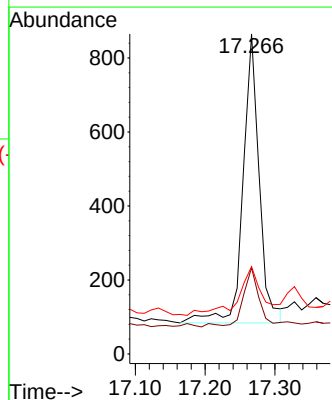
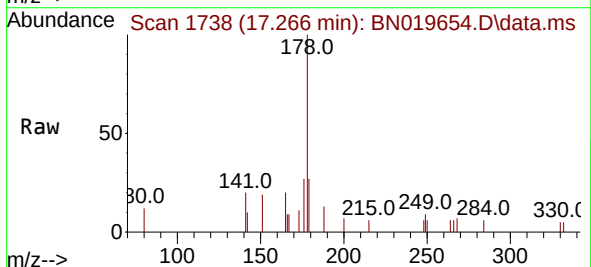
Instrument :
BNA_N
ClientSampleId :
MWBR3D-B-480-500-042922

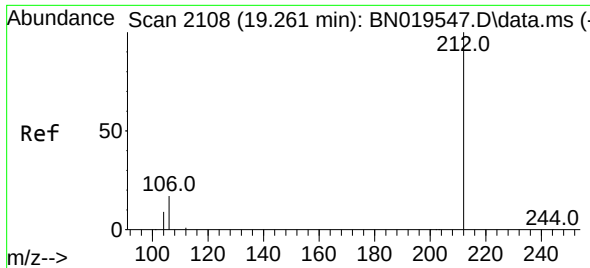
Tgt Ion:198 Resp: 46
Ion Ratio Lower Upper
198 100
182 241.6 16.9 25.3#
77 0.0 0.0 0.0



#25
Phenanthrene
Concen: 0.035 ng
RT: 17.266 min Scan# 1738
Delta R.T. -0.010 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

Tgt Ion:178 Resp: 1263
Ion Ratio Lower Upper
178 100
176 20.6 15.4 23.2
179 23.9 12.1 18.1#

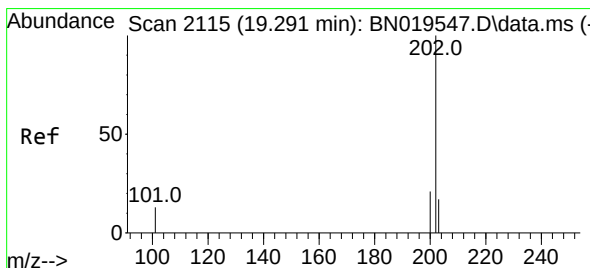
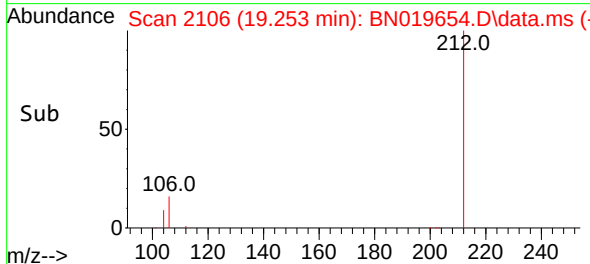
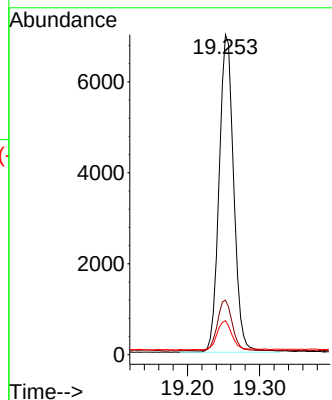
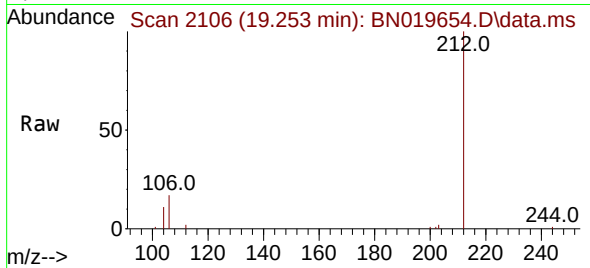




#27
Fluoranthene-d10
Concen: 0.317 ng
RT: 19.253 min Scan# 2106
Delta R.T. -0.008 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

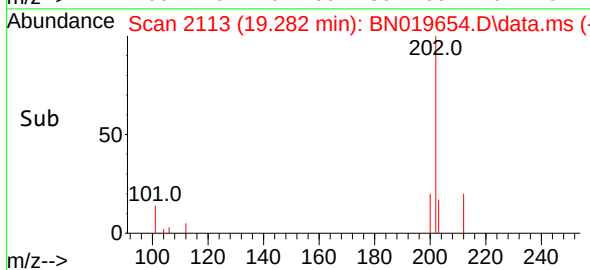
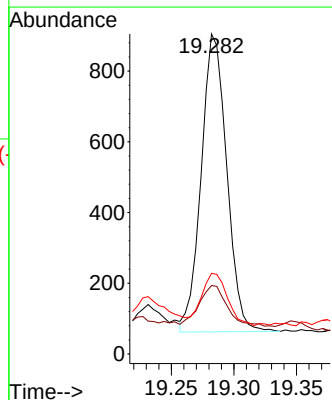
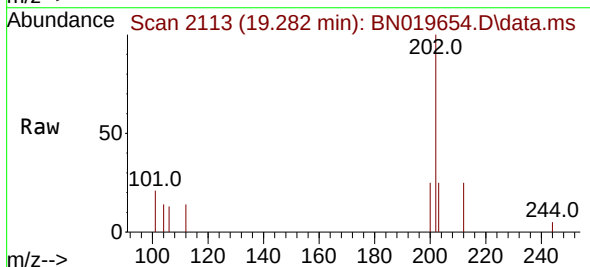
Instrument :
BNA_N
ClientSampleId :
MWBR3D-B-480-500-042922

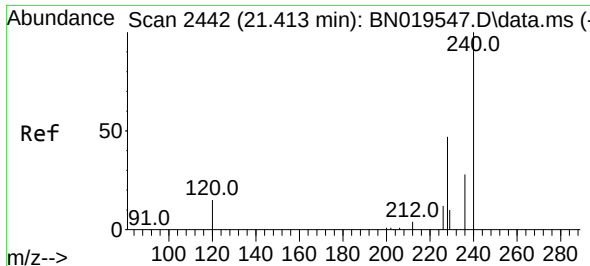
Tgt Ion:212 Resp: 9833
Ion Ratio Lower Upper
212 100
106 16.2 13.5 20.3
104 9.2 7.6 11.4



#28
Fluoranthene
Concen: 0.030 ng
RT: 19.282 min Scan# 2113
Delta R.T. -0.008 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

Tgt Ion:202 Resp: 1194
Ion Ratio Lower Upper
202 100
101 18.2 10.6 15.8#
203 17.9 13.6 20.4

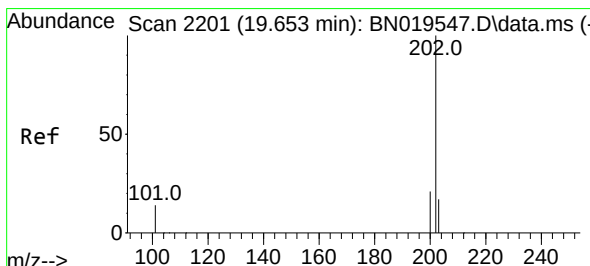
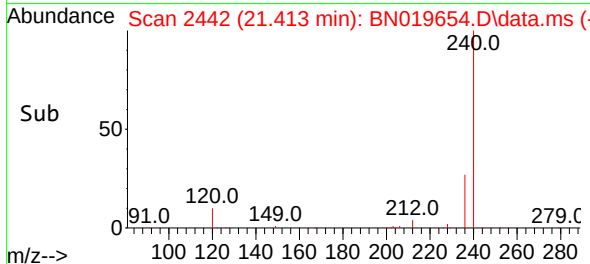
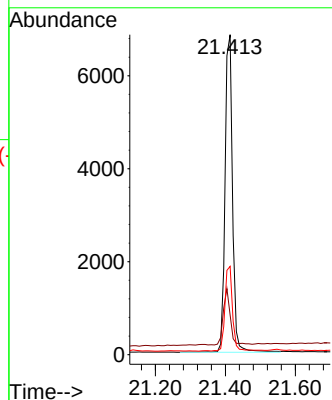
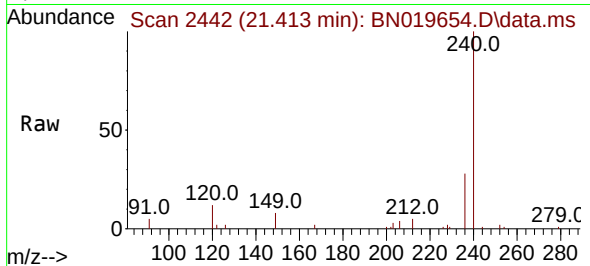




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

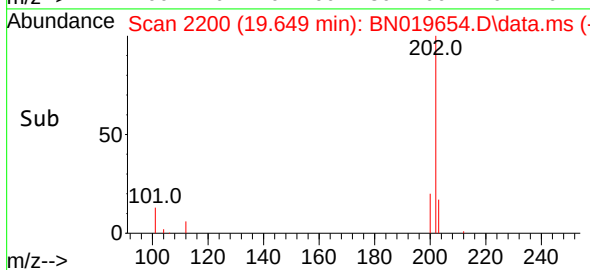
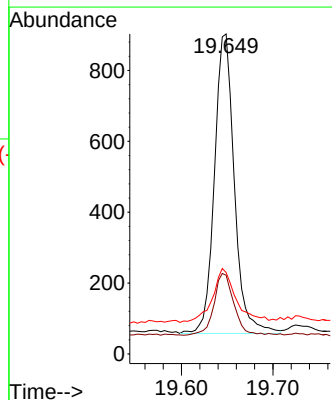
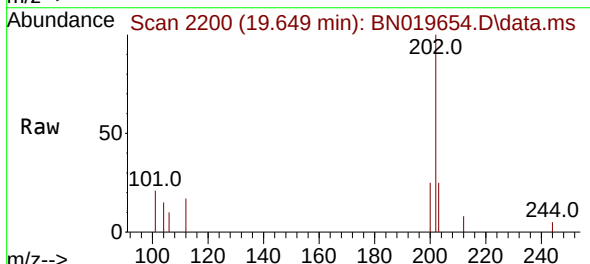
Instrument :
BNA_N
ClientSampleId :
MWBR3D-B-480-500-042922

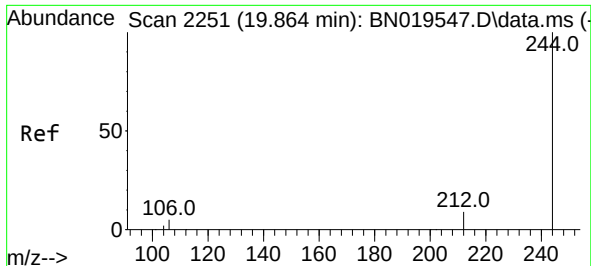
Tgt Ion:240 Resp: 10101
Ion Ratio Lower Upper
240 100
120 12.4 17.4 26.2#
236 27.6 23.0 34.4



#30
Pyrene
Concen: 0.031 ng
RT: 19.649 min Scan# 2200
Delta R.T. -0.004 min
Lab File: BN019654.D
Acq: 03 May 2022 18:25

Tgt Ion:202 Resp: 1275
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 21.6 14.2 21.4#

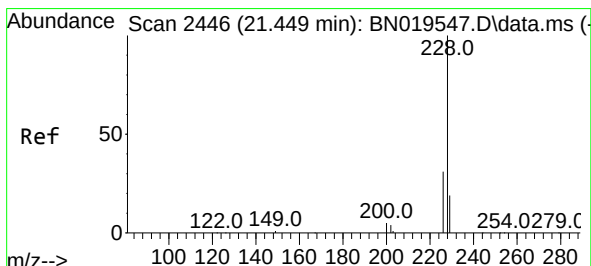
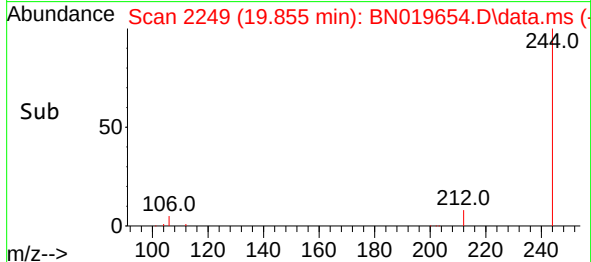
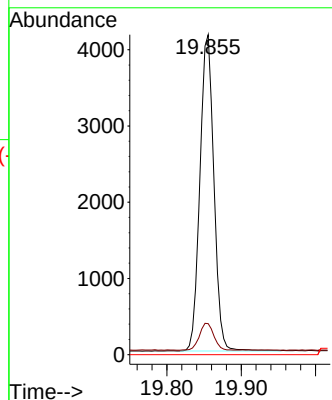
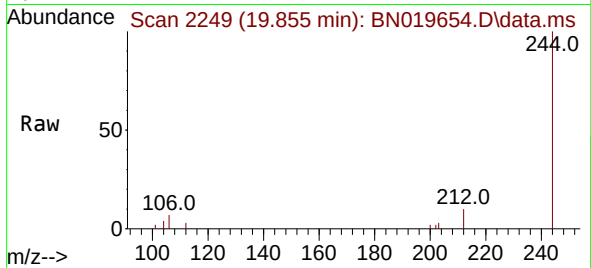




#31
 Terphenyl-d14
 Concen: 0.244 ng
 RT: 19.855 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BN019654.D
 Acq: 03 May 2022 18:25

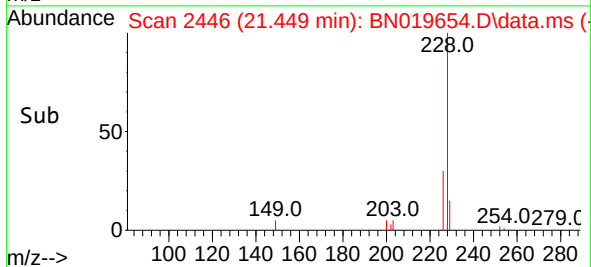
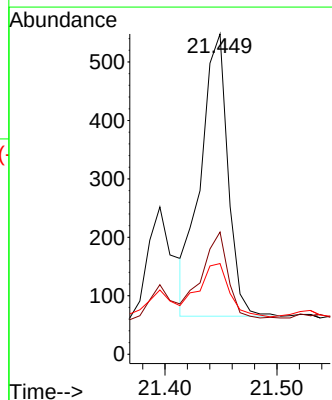
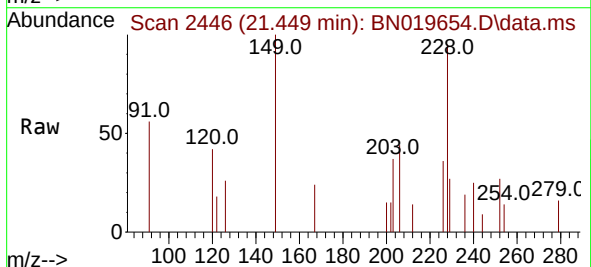
Instrument :
 BNA_N
 ClientSampleId :
 MWBR3D-B-480-500-042922

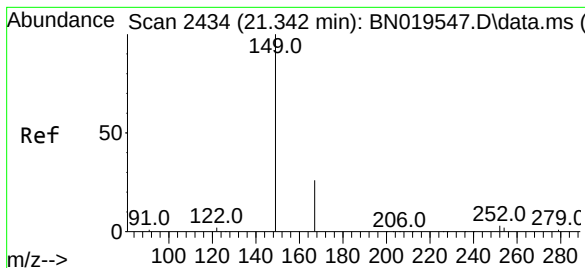
Tgt Ion:244 Resp: 5411
 Ion Ratio Lower Upper
 244 100
 212 9.7 7.6 11.4
 122 0.0 0.0 0.0



#33
 Chrysene
 Concen: 0.021 ng
 RT: 21.449 min Scan# 2446
 Delta R.T. 0.000 min
 Lab File: BN019654.D
 Acq: 03 May 2022 18:25

Tgt Ion:228 Resp: 820
 Ion Ratio Lower Upper
 228 100
 226 38.1 24.6 36.8#
 229 28.3 15.9 23.9#

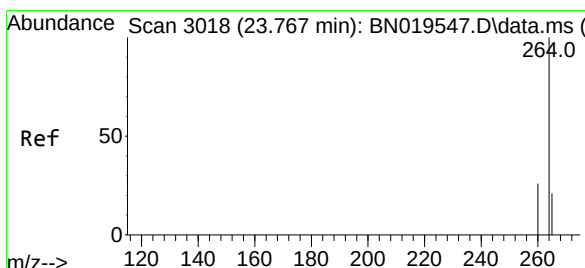
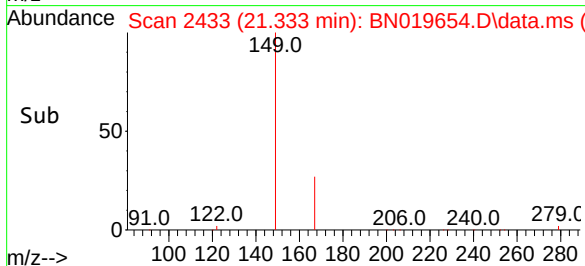
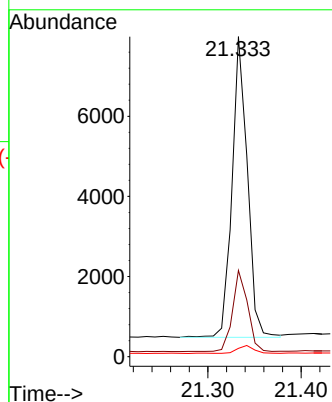
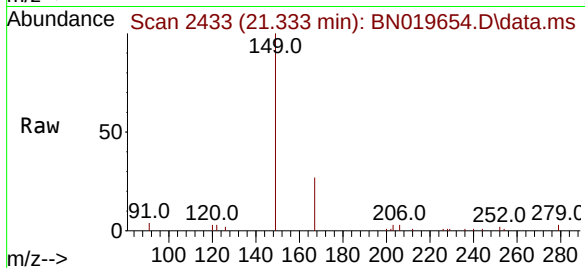




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.514 ng
 RT: 21.333 min Scan# 2433
 Delta R.T. -0.009 min
 Lab File: BN019654.D
 Acq: 03 May 2022 18:25

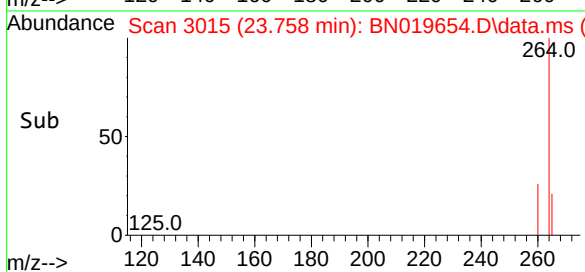
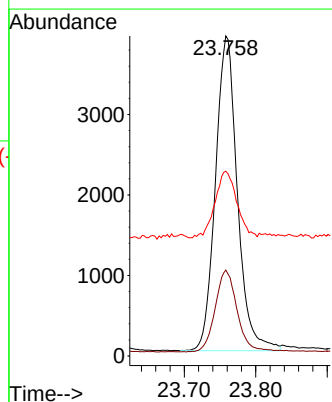
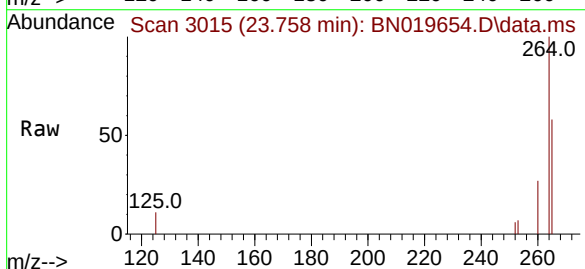
Instrument :
 BNA_N
 ClientSampleId :
 MWBR3D-B-480-500-042922

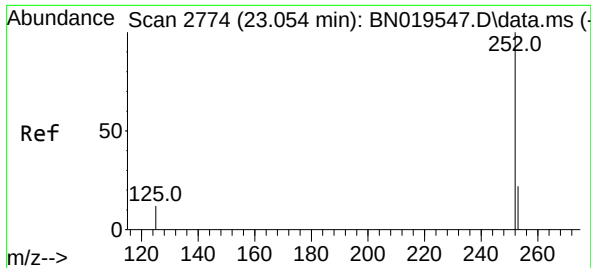
Tgt Ion:149 Resp: 8573
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.7 32.5
 279 3.0 2.8 4.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.758 min Scan# 3015
 Delta R.T. -0.009 min
 Lab File: BN019654.D
 Acq: 03 May 2022 18:25

Tgt Ion:264 Resp: 8334
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.0 31.6
 265 57.8 67.9 101.9#





#37

Benzo(b)fluoranthene

Concen: 0.022 ng

RT: 23.045 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN019654.D

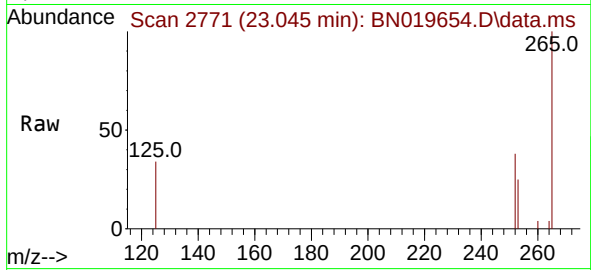
Acq: 03 May 2022 18:25

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:252 Resp: 746

Ion Ratio Lower Upper

252 100

253 64.7 21.2 31.8#

125 88.0 15.9 23.9#

