

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050322\
 Data File : BN019652.D
 Acq On : 03 May 2022 17:14
 Operator : CG/JU
 Sample : N2640-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: May 04 07:33:39 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)

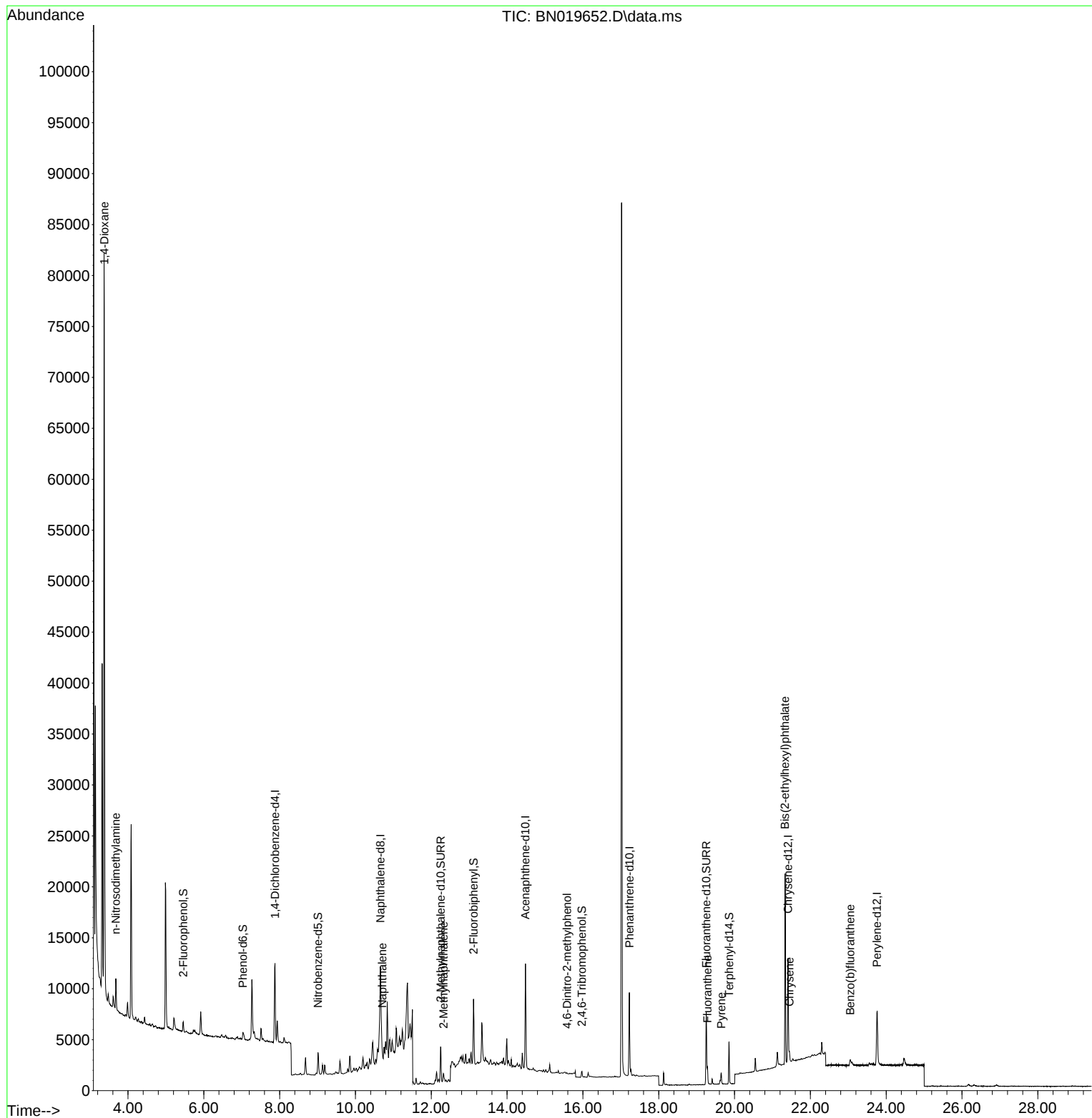
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	3895	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	10718	0.400	ng	#-0.01
13) Acenaphthene-d10	14.485	164	5684	0.400	ng	-0.01
19) Phenanthrene-d10	17.226	188	11064	0.400	ng	0.00
29) Chrysene-d12	21.413	240	10120	0.400	ng	# 0.00
35) Perylene-d12	23.758	264	8403	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.457	112	860	0.089	ng	0.00
5) Phenol-d6	7.031	99	619	0.054	ng	0.00
8) Nitrobenzene-d5	9.014	82	1919	0.252	ng	-0.01
11) 2-Methylnaphthalene-d10	12.246	152	4174	0.251	ng	-0.01
14) 2,4,6-Tribromophenol	15.974	330	314	0.173	ng	-0.01
15) 2-Fluorobiphenyl	13.116	172	5537	0.228	ng	-0.01
27) Fluoranthene-d10	19.253	212	8075	0.256	ng	0.00
31) Terphenyl-d14	19.856	244	4529	0.204	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.377	88	43035	9.452	ng	96
3) n-Nitrosodimethylamine	3.680	42	271	0.076	ng	# 1
9) Naphthalene	10.712	128	858	0.028	ng	# 75
12) 2-Methylnaphthalene	12.322	142	451	0.023	ng	# 52
20) 4,6-Dinitro-2-methylph...	15.586	198	34	0.154	ng	# 1
28) Fluoranthene	19.287	202	1444	0.036	ng	# 94
30) Pyrene	19.649	202	1034	0.025	ng	# 95
33) Chrysene	21.449	228	998	0.025	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.333	149	16881	1.011	ng	# 99
37) Benzo(b)fluoranthene	23.051	252	948	0.028	ng	# 10

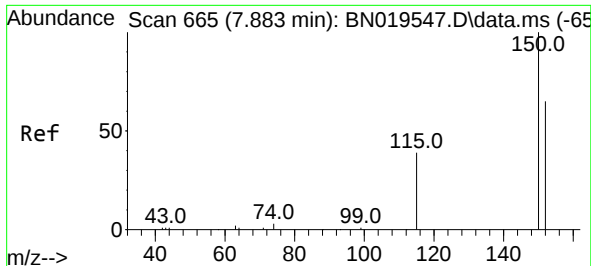
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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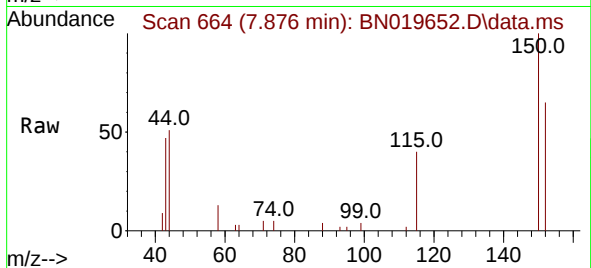
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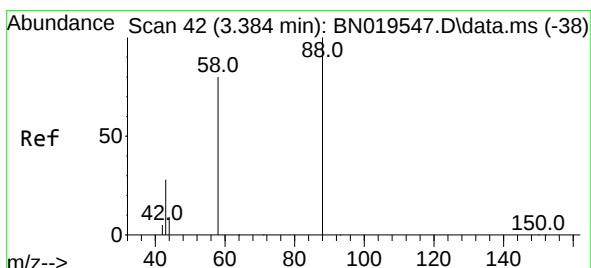
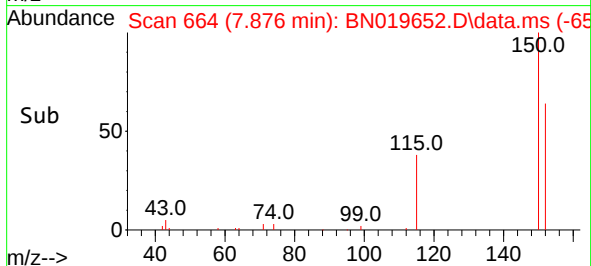
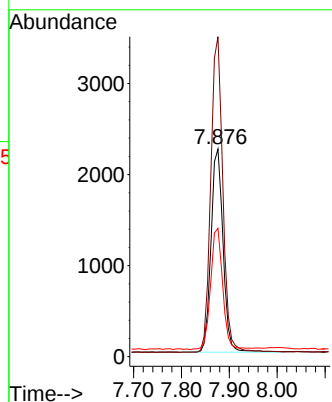


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.876 min Scan# 6
 Delta R.T. -0.007 min
 Lab File: BN019652.D
 Acq: 03 May 2022 17:14

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

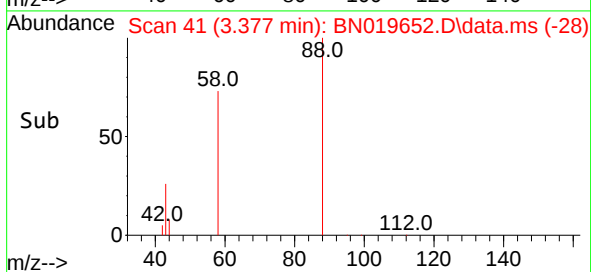
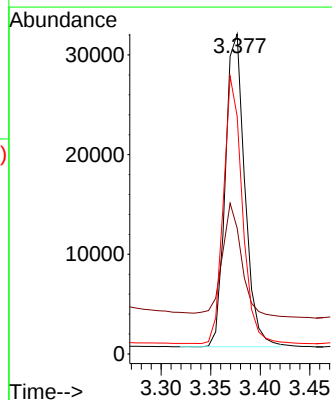
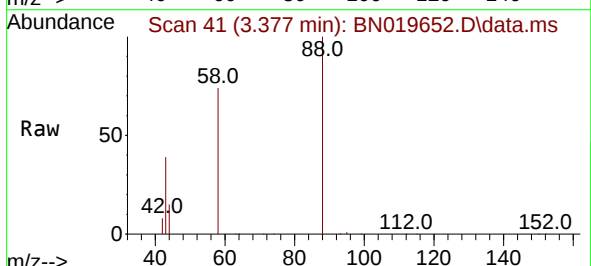


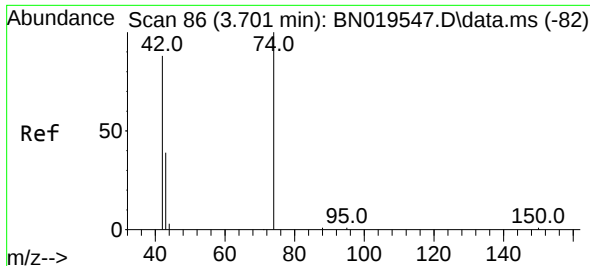
Tgt Ion:152 Resp: 3895
 Ion Ratio Lower Upper
 152 100
 150 154.1 122.6 183.8
 115 61.8 49.0 73.6



#2
 1,4-Dioxane
 Concen: 9.452 ng
 RT: 3.377 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: BN019652.D
 Acq: 03 May 2022 17:14

Tgt Ion: 88 Resp: 43035
 Ion Ratio Lower Upper
 88 100
 43 35.7 25.2 37.8
 58 82.3 67.6 101.4

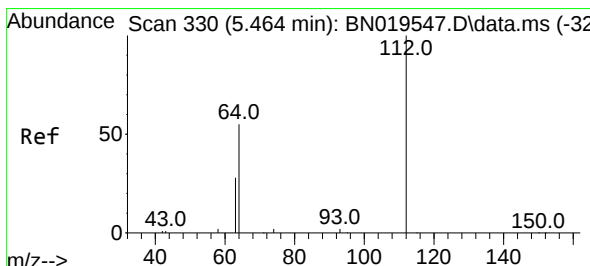
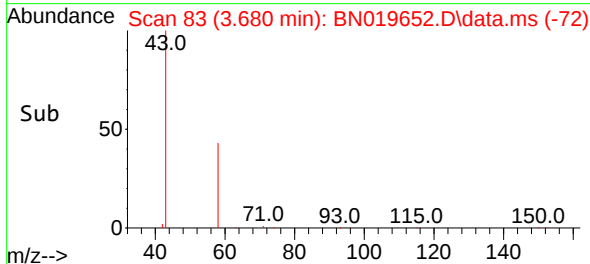
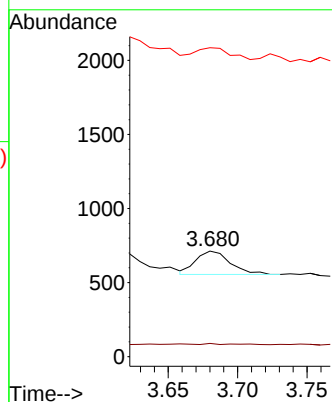
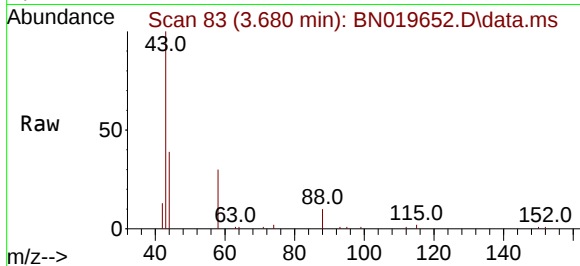




#3
n-Nitrosodimethylamine
Concen: 0.076 ng
RT: 3.680 min Scan# 81
Delta R.T. -0.021 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

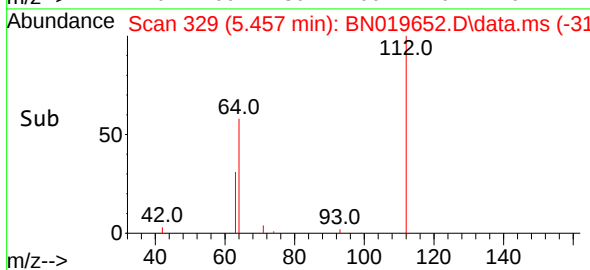
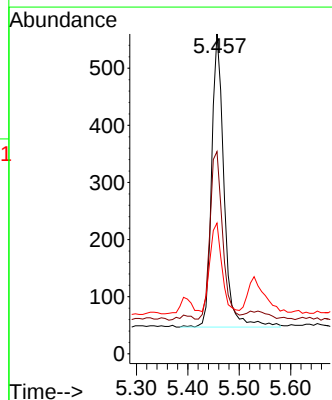
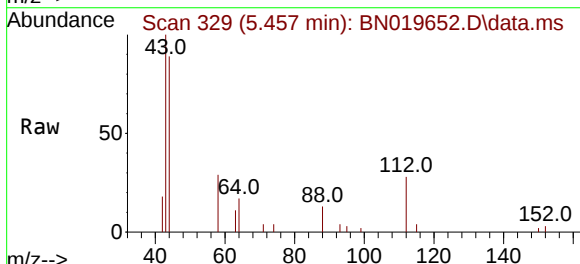
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BNA_N
ClientSampleId :
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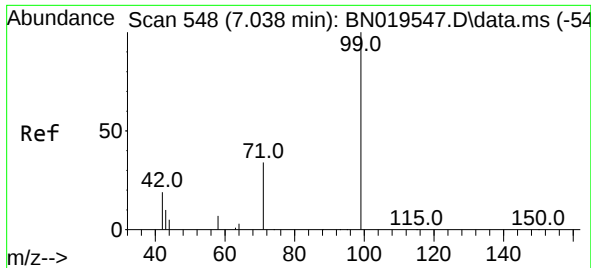
Tgt Ion: 42 Resp: 271
Ion Ratio Lower Upper
42 100
74 1.8 101.8 152.6#
44 44.6 8.4 12.6#



#4
2-Fluorophenol
Concen: 0.089 ng
RT: 5.457 min Scan# 329
Delta R.T. -0.007 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

Tgt Ion: 112 Resp: 860
Ion Ratio Lower Upper
112 100
64 58.1 47.3 70.9
63 29.1 24.6 36.8

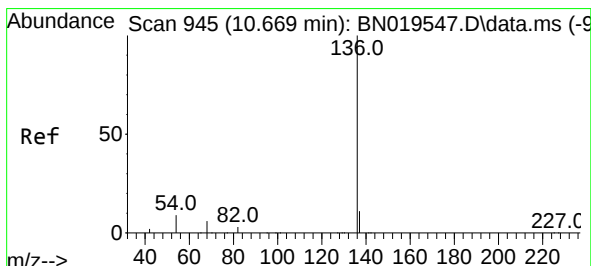
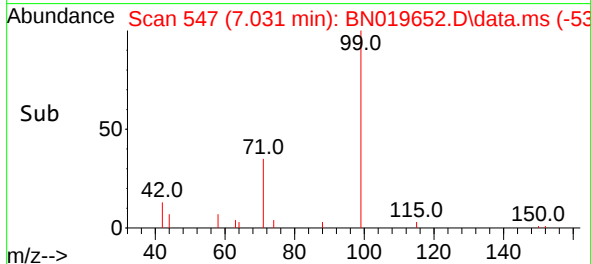
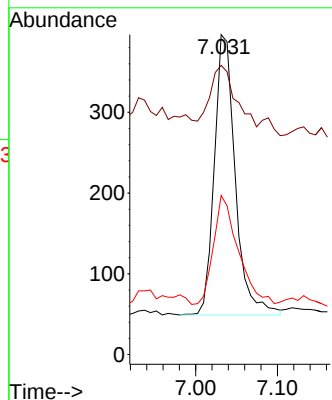
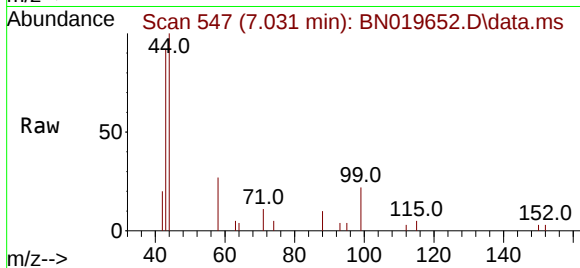




#5
Phenol-d6
Concen: 0.054 ng
RT: 7.031 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

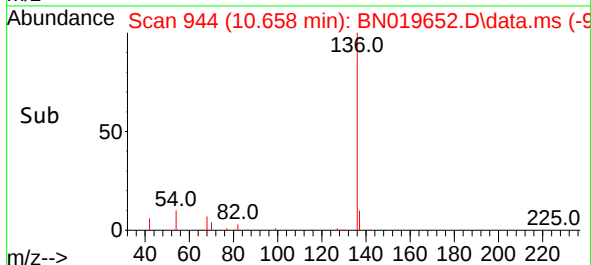
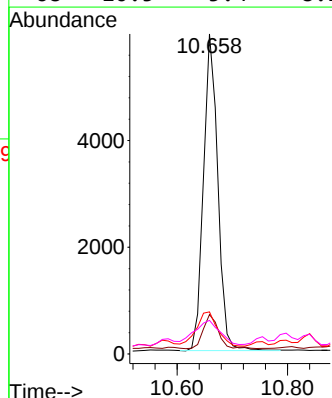
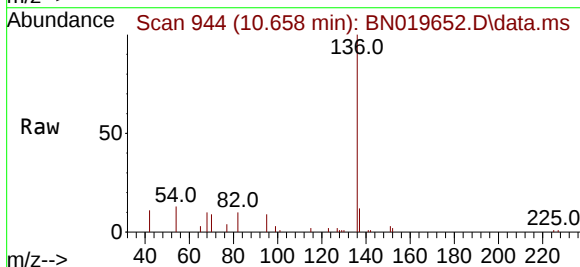
Instrument :
BNA_N
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MWBR3D-B-480-500-042922-FD

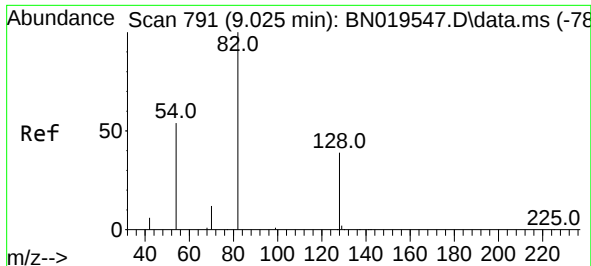
Tgt Ion: 99 Resp: 619
Ion Ratio Lower Upper
99 100
42 36.5 15.8 23.8#
71 45.7 26.5 39.7#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.010 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

Tgt Ion: 136 Resp: 10718
Ion Ratio Lower Upper
136 100
137 12.3 9.1 13.7
54 13.2 7.8 11.6#
68 10.5 5.4 8.2#

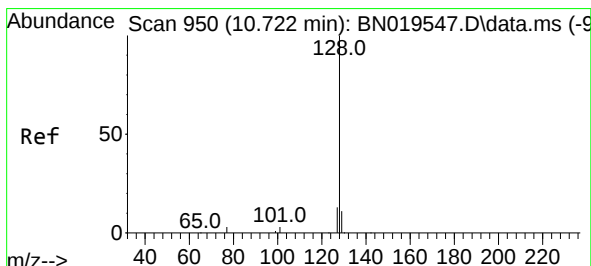
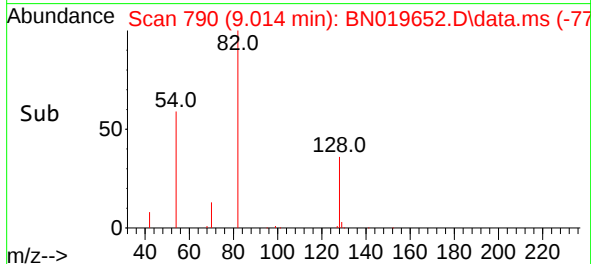
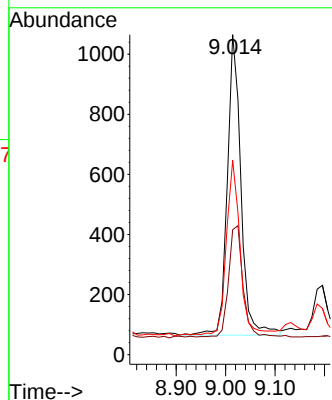
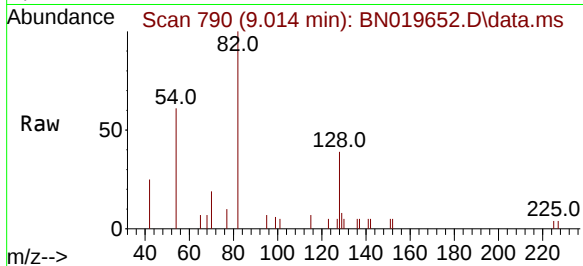




#8
Nitrobenzene-d5
Concen: 0.252 ng
RT: 9.014 min Scan# 791
Delta R.T. -0.010 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

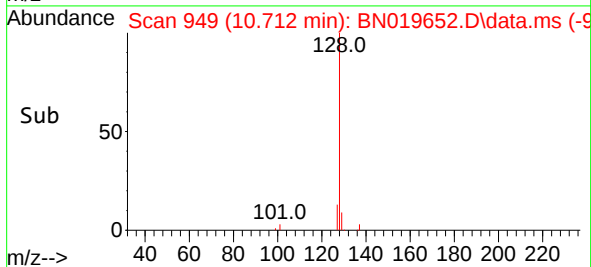
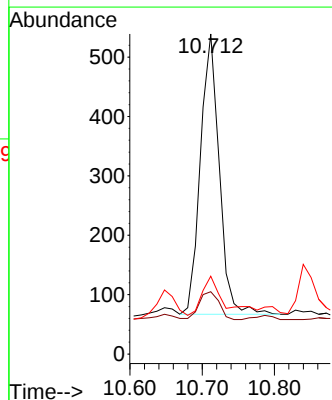
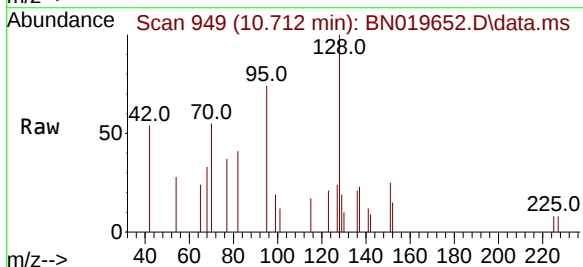
Instrument :
BNA_N
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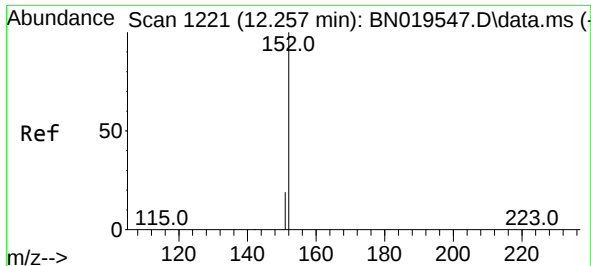
Tgt Ion:	82	Resp:	1919
Ion	Ratio	Lower	Upper
82	100		
128	39.1	32.4	48.6
54	60.8	44.4	66.6



#9
Naphthalene
Concen: 0.028 ng
RT: 10.712 min Scan# 949
Delta R.T. -0.010 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

Tgt Ion:	128	Resp:	858
Ion	Ratio	Lower	Upper
128	100		
129	19.5	9.0	13.4#
127	24.3	10.8	16.2#

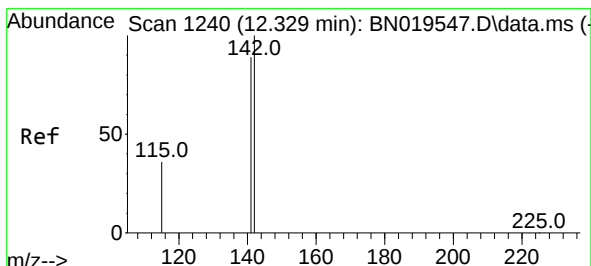
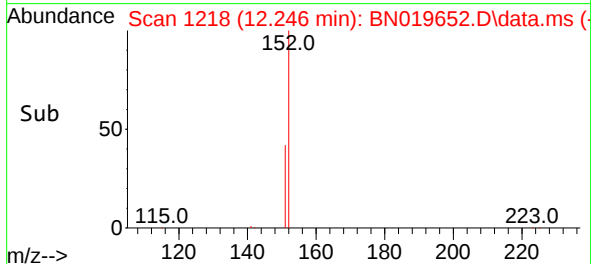
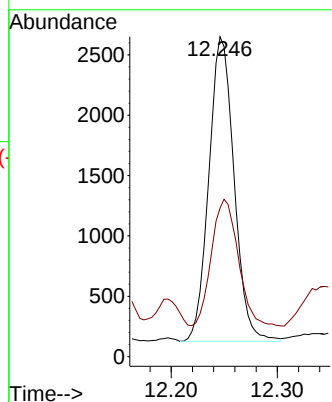
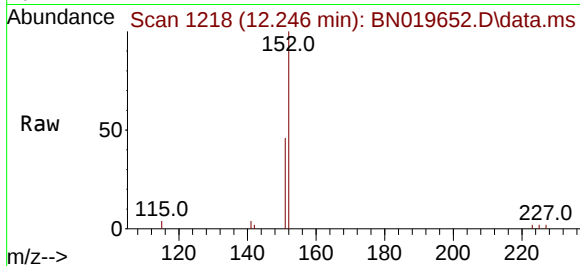




#11
2-Methylnaphthalene-d10
Concen: 0.251 ng
RT: 12.246 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

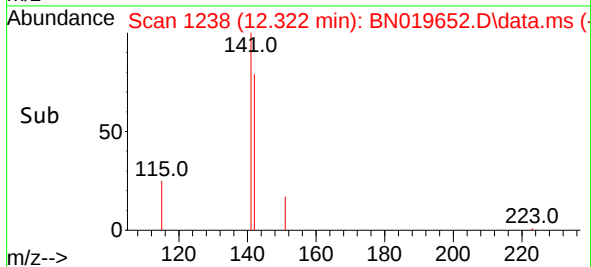
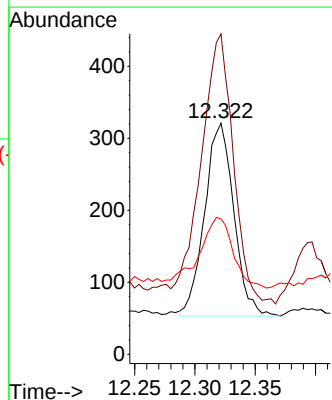
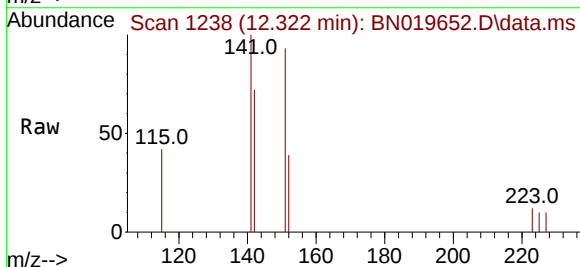
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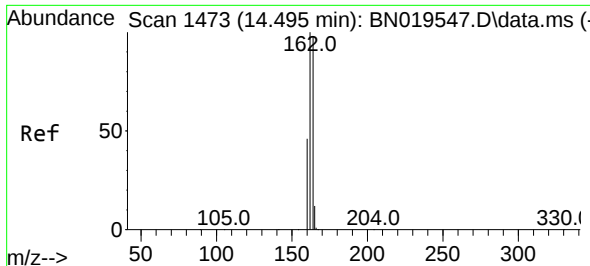
Tgt Ion:152 Resp: 4174
Ion Ratio Lower Upper
152 100
151 44.2 16.2 24.4#



#12
2-Methylnaphthalene
Concen: 0.023 ng
RT: 12.322 min Scan# 1238
Delta R.T. -0.007 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

Tgt Ion:142 Resp: 451
Ion Ratio Lower Upper
142 100
141 138.6 71.0 106.6#
115 58.6 29.6 44.4#

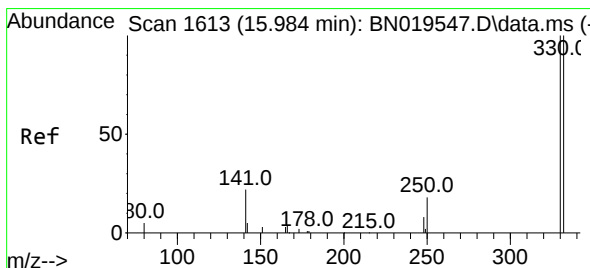
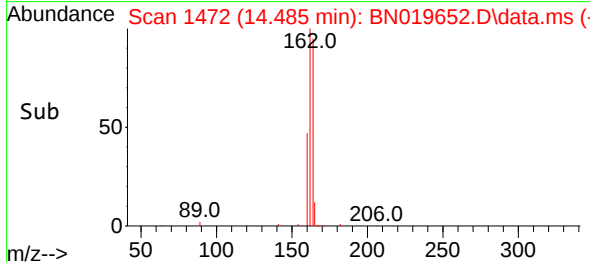
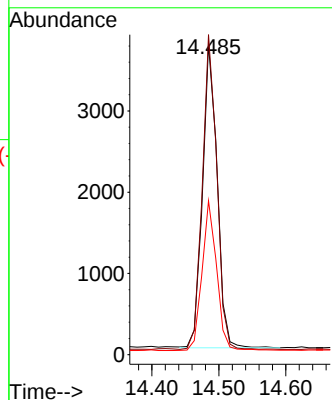
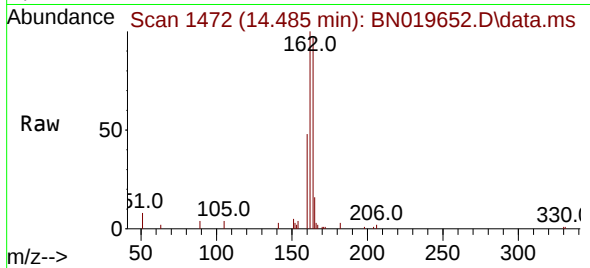




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 14
Delta R.T. -0.010 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

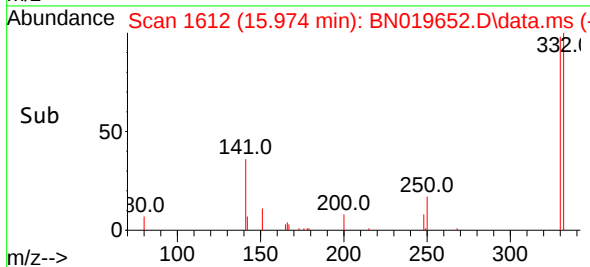
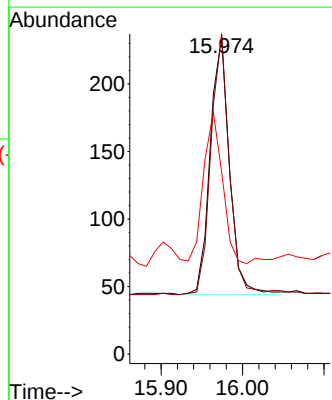
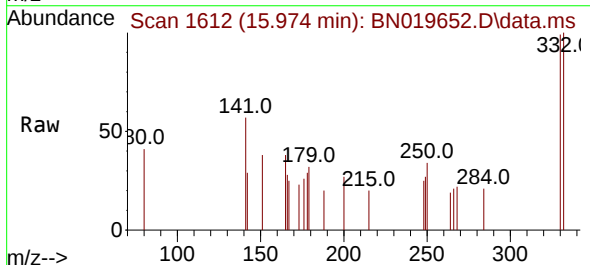
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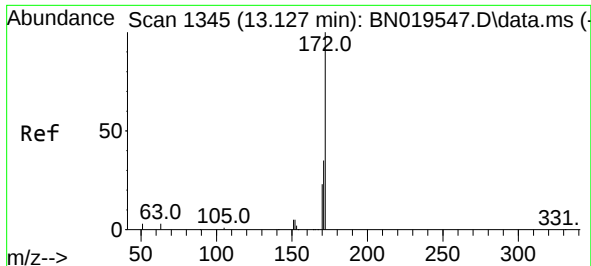
Tgt Ion:164 Resp: 5684
Ion Ratio Lower Upper
164 100
162 103.1 81.8 122.6
160 49.6 38.3 57.5



#14
2,4,6-Tribromophenol
Concen: 0.173 ng
RT: 15.974 min Scan# 1612
Delta R.T. -0.010 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

Tgt Ion:330 Resp: 314
Ion Ratio Lower Upper
330 100
332 98.1 76.2 114.4
141 57.0 39.7 59.5

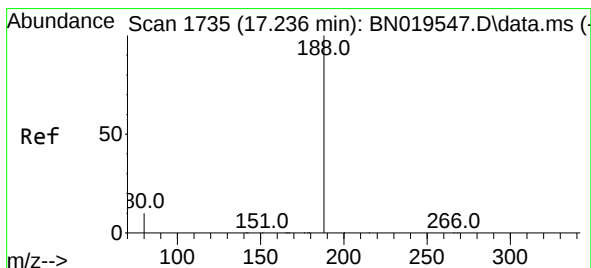
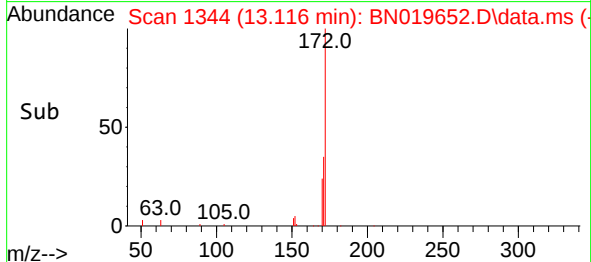
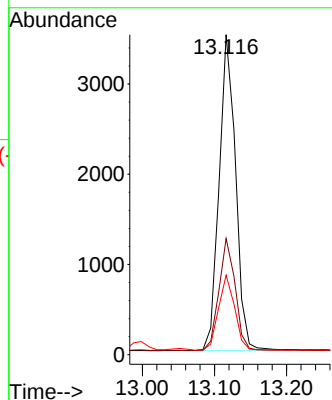
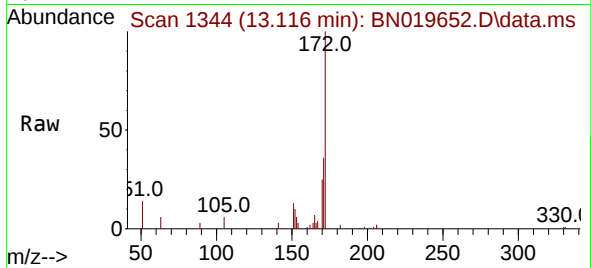




#15
2-Fluorobiphenyl
Concen: 0.228 ng
RT: 13.116 min Scan# 1344
Delta R.T. -0.010 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

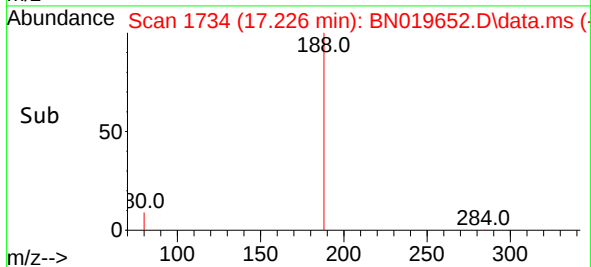
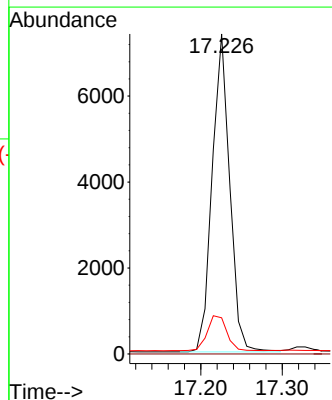
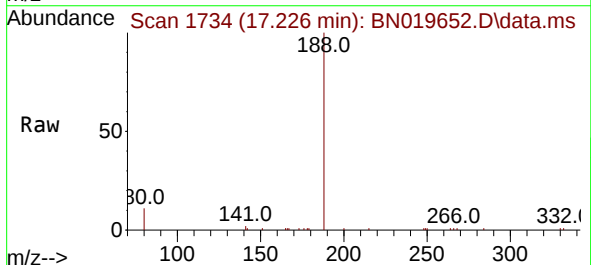
Instrument :
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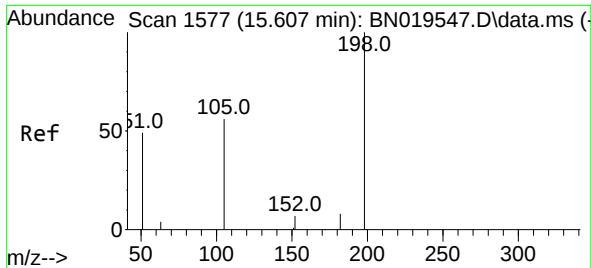
Tgt Ion:172 Resp: 5537
Ion Ratio Lower Upper
172 100
171 36.3 28.0 42.0
170 24.9 19.0 28.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 1734
Delta R.T. -0.010 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

Tgt Ion:188 Resp: 11064
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 8.6 12.8

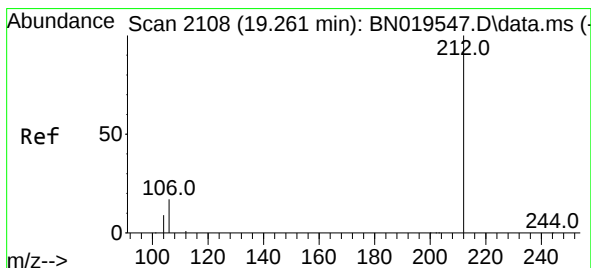
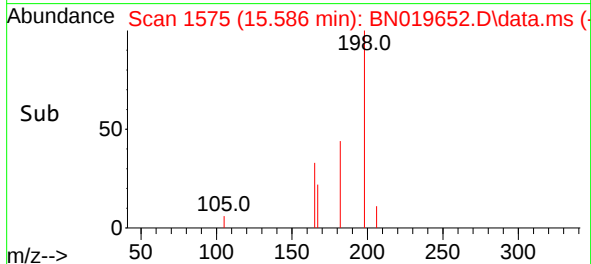
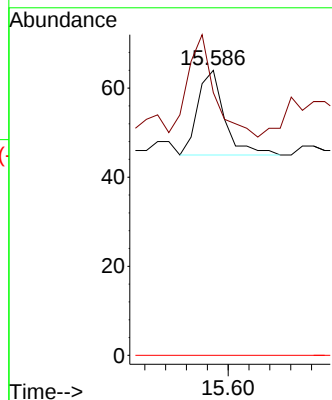
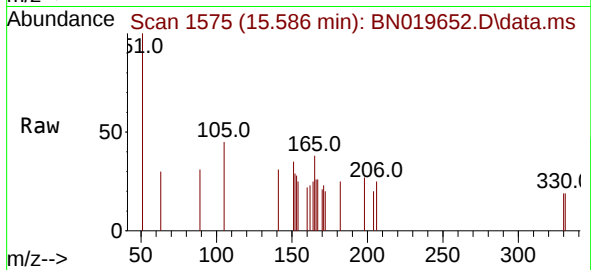




#20
4,6-Dinitro-2-methylphenol
Concen: 0.154 ng
RT: 15.586 min Scan# 11
Delta R.T. -0.021 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

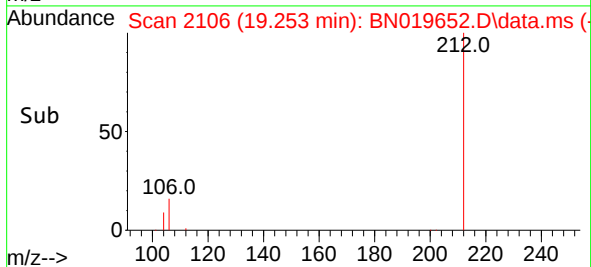
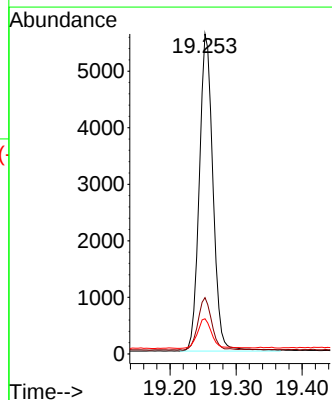
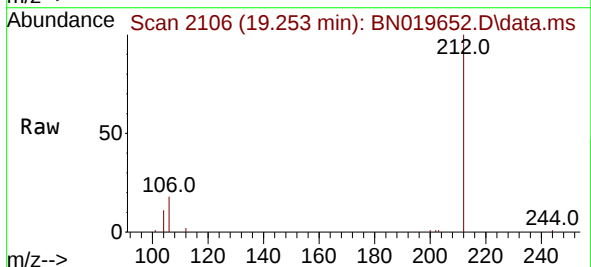
Instrument :
BNA_N
ClientSampleId :
MWBR3D-B-480-500-042922-FD

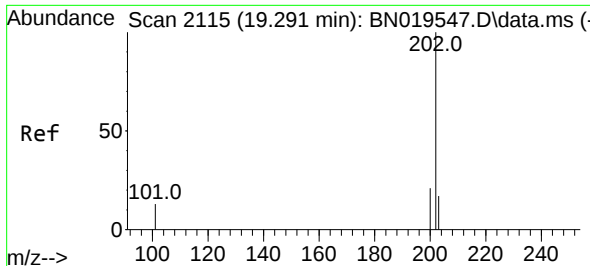
Tgt Ion:198 Resp: 34
Ion Ratio Lower Upper
198 100
182 92.2 16.9 25.3#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.256 ng
RT: 19.253 min Scan# 2106
Delta R.T. -0.008 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

Tgt Ion:212 Resp: 8075
Ion Ratio Lower Upper
212 100
106 16.5 13.5 20.3
104 9.9 7.6 11.4

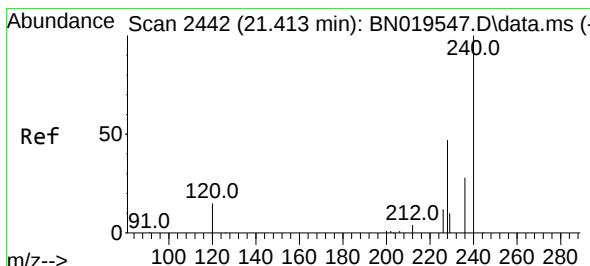
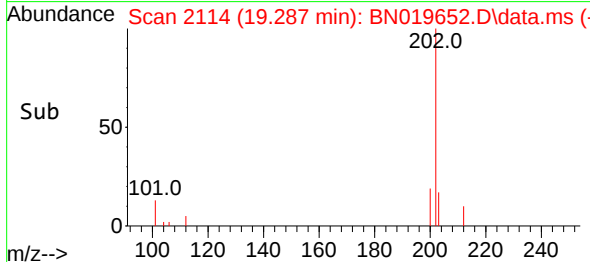
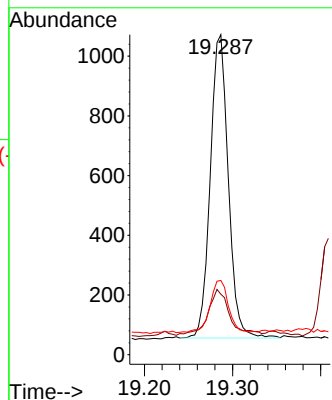
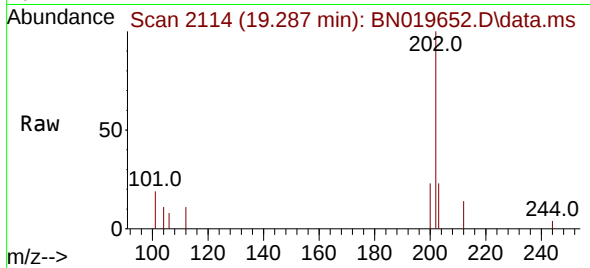




#28
Fluoranthene
Concen: 0.036 ng
RT: 19.287 min Scan# 2114
Delta R.T. -0.004 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

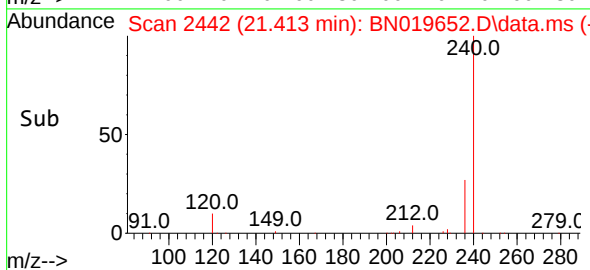
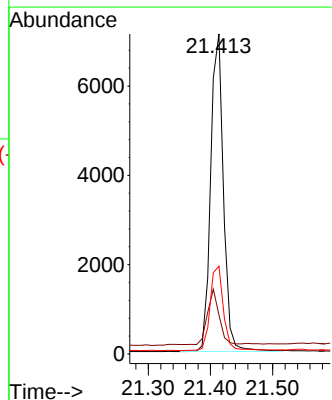
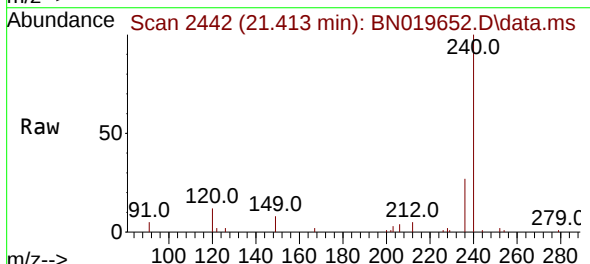
Instrument :
BNA_N
ClientSampleId :
MWBR3D-B-480-500-042922-FD

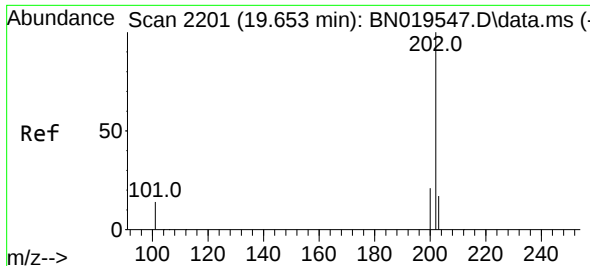
Tgt Ion:202 Resp: 1444
Ion Ratio Lower Upper
202 100
101 18.4 10.6 15.8#
203 17.5 13.6 20.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

Tgt Ion:240 Resp: 10120
Ion Ratio Lower Upper
240 100
120 12.3 17.4 26.2#
236 27.5 23.0 34.4

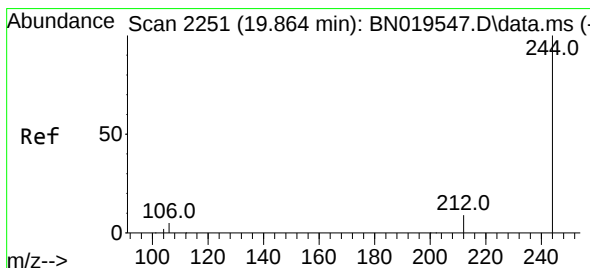
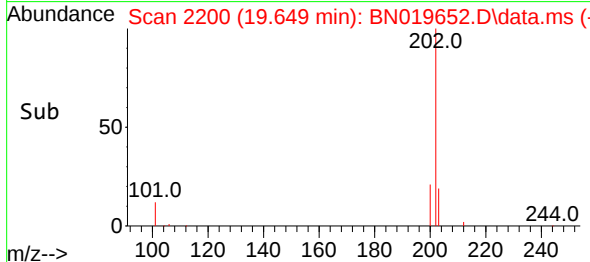
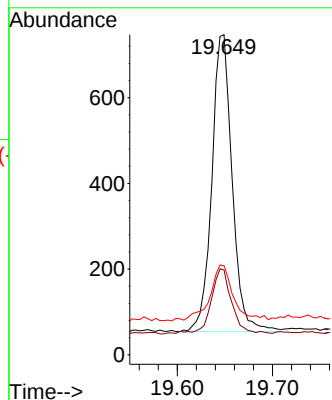
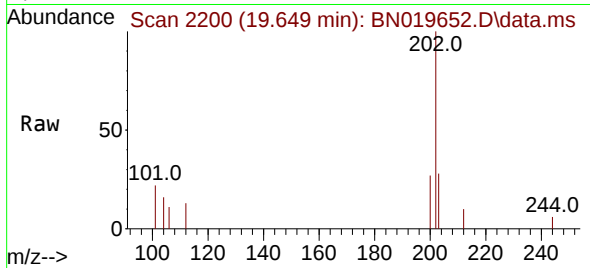




#30
Pyrene
Concen: 0.025 ng
RT: 19.649 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

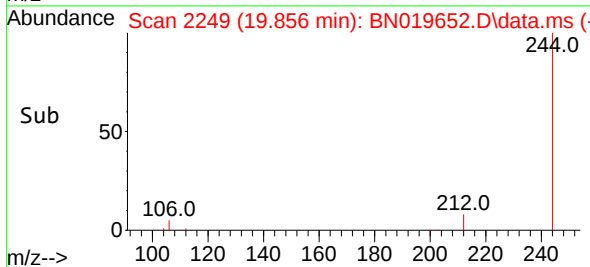
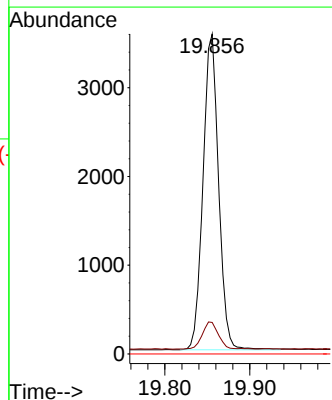
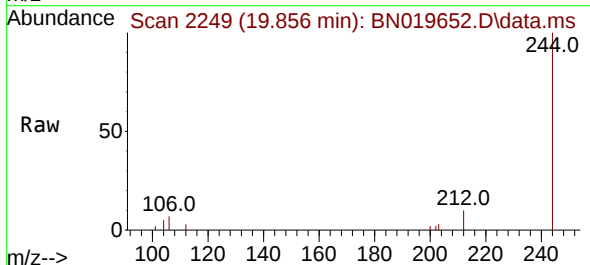
Instrument :
BNA_N
ClientSampleId :
MWBR3D-B-480-500-042922-FD

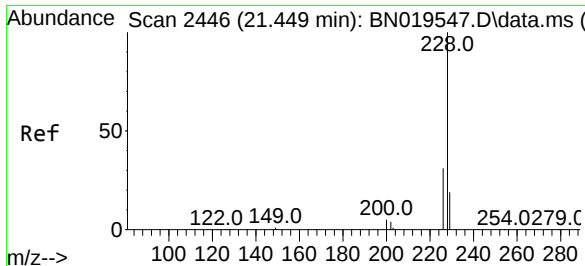
Tgt Ion:202 Resp: 1034
Ion Ratio Lower Upper
202 100
200 22.1 16.7 25.1
203 21.5 14.2 21.4#



#31
Terphenyl-d14
Concen: 0.204 ng
RT: 19.856 min Scan# 2249
Delta R.T. -0.008 min
Lab File: BN019652.D
Acq: 03 May 2022 17:14

Tgt Ion:244 Resp: 4529
Ion Ratio Lower Upper
244 100
212 9.8 7.6 11.4
122 0.0 0.0 0.0





#33

Chrysene

Concen: 0.025 ng

RT: 21.449 min Scan# 2446

Delta R.T. 0.000 min

Lab File: BN019652.D

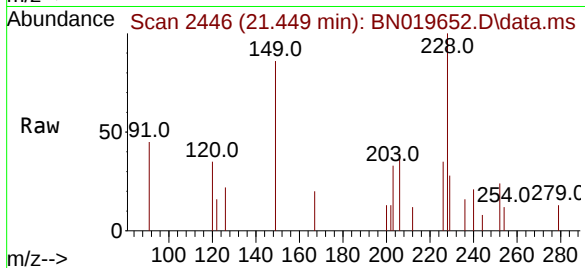
Acq: 03 May 2022 17:14

Instrument :

BNA_N

ClientSampleId :

MWBR3D-B-480-500-042922-FD



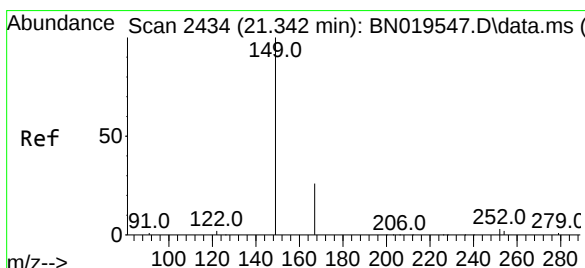
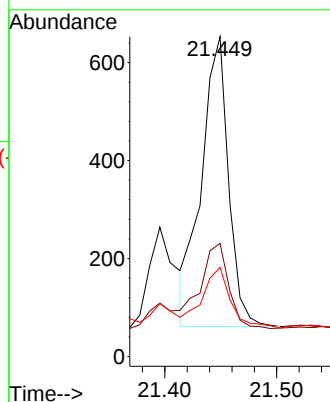
Tgt Ion:228 Resp: 998

Ion Ratio Lower Upper

228 100

226 35.4 24.6 36.8

229 27.9 15.9 23.9#



#34

Bis(2-ethylhexyl)phthalate

Concen: 1.011 ng

RT: 21.333 min Scan# 2433

Delta R.T. -0.009 min

Lab File: BN019652.D

Acq: 03 May 2022 17:14

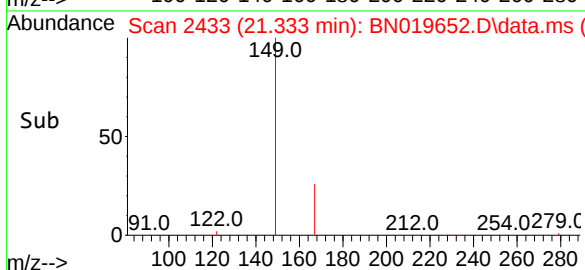
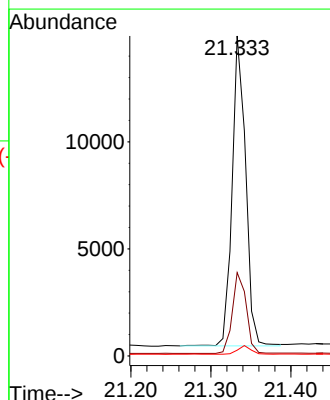
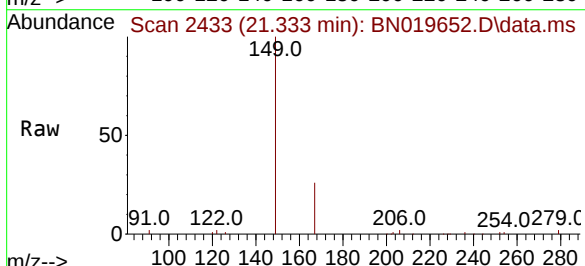
Tgt Ion:149 Resp: 16881

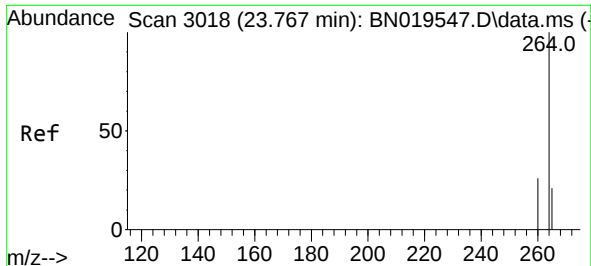
Ion Ratio Lower Upper

149 100

167 26.5 21.7 32.5

279 2.7 2.8 4.2#

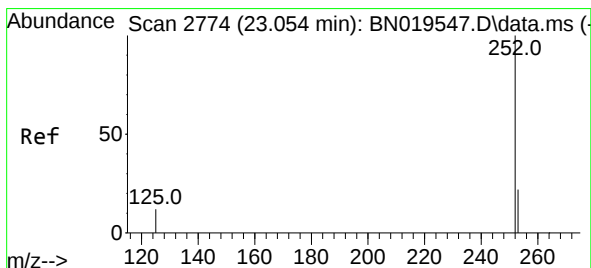
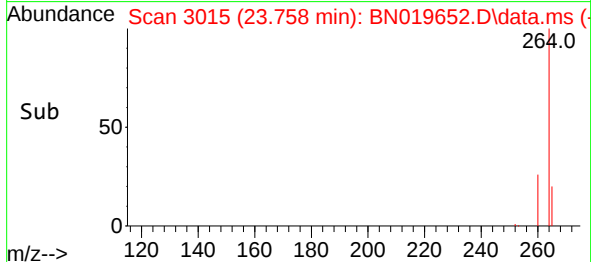
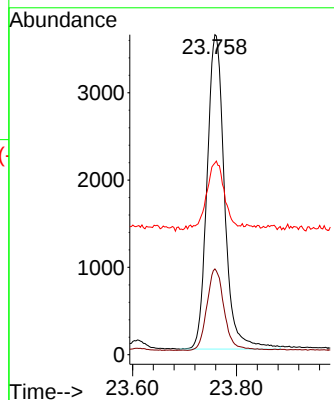
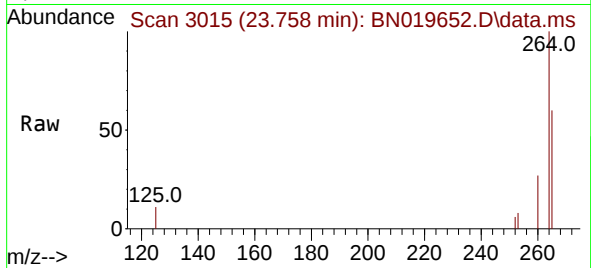




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.758 min Scan# 3015
 Delta R.T. -0.009 min
 Lab File: BN019652.D
 Acq: 03 May 2022 17:14

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

Tgt Ion:264 Resp: 8403
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.0 31.6
 265 59.9 67.9 101.9#



#37
 Benzo(b)fluoranthene
 Concen: 0.028 ng
 RT: 23.051 min Scan# 2773
 Delta R.T. -0.003 min
 Lab File: BN019652.D
 Acq: 03 May 2022 17:14

Tgt Ion:252 Resp: 948
 Ion Ratio Lower Upper
 252 100
 253 57.4 21.2 31.8#
 125 79.1 15.9 23.9#

