

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062222\
 Data File : BN020369.D
 Acq On : 23 Jun 2022 07:46
 Operator : CG/JU
 Sample : N3354-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-50

Quant Time: Jun 23 08:15:53 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 15:57:15 2022
 Response via : Initial Calibration

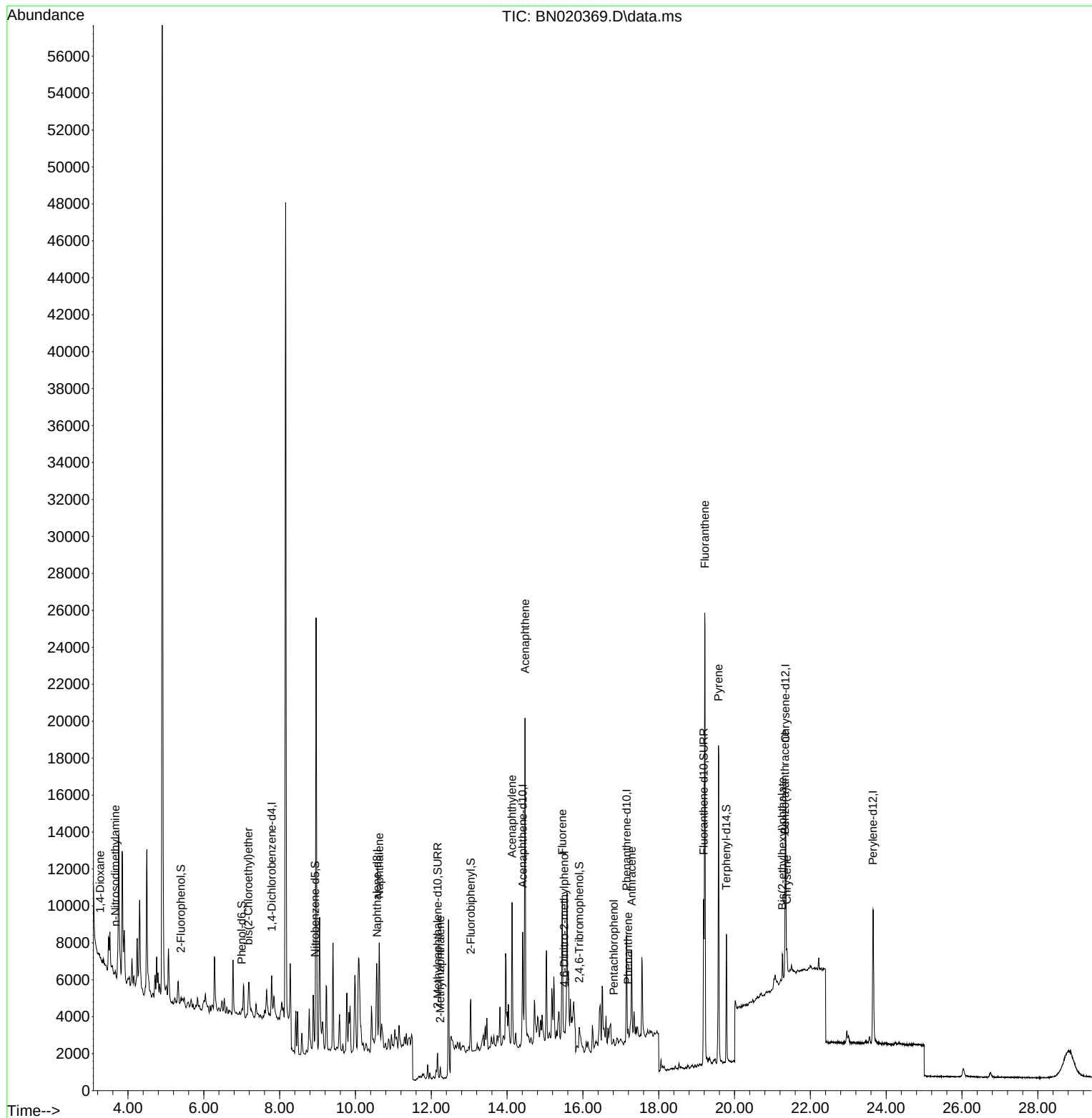
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	947	0.400	ng	# 0.00
7) Naphthalene-d8	10.573	136	3871	0.400	ng	#-0.01
13) Acenaphthene-d10	14.410	164	3580	0.400	ng	#-0.01
19) Phenanthrene-d10	17.154	188	7783	0.400	ng	#-0.01
29) Chrysene-d12	21.342	240	9554	0.400	ng	# 0.00
35) Perylene-d12	23.653	264	10682	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	477	0.172	ng	0.00
5) Phenol-d6	7.002	99	433	0.121	ng	0.00
8) Nitrobenzene-d5	8.939	82	711	0.263	ng	-0.02
11) 2-Methylnaphthalene-d10	12.166	152	1996	0.277	ng	0.00
14) 2,4,6-Tribromophenol	15.902	330	603	0.354	ng	-0.01
15) 2-Fluorobiphenyl	13.041	172	2987	0.233	ng	-0.01
27) Fluoranthene-d10	19.185	212	9976	0.366	ng	0.00
31) Terphenyl-d14	19.784	244	8111	0.426	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.261	88	118	0.030	ng	# 58
3) n-Nitrosodimethylamine	3.665	42	189	0.191	ng	# 11
6) bis(2-Chloroethyl)ether	7.175	93	156	0.056	ng	# 1
9) Naphthalene	10.626	128	1845	0.160	ng	# 1
12) 2-Methylnaphthalene	12.238	142	468	0.055	ng	# 69
16) Acenaphthylene	14.132	152	1087	0.065	ng	# 9
17) Acenaphthene	14.474	154	9303	0.796	ng	99
18) Fluorene	15.457	166	3436	0.204	ng	# 97
20) 4,6-Dinitro-2-methylph...	15.511	198	138	0.199	ng	# 1
24) Pentachlorophenol	16.815	266	50	0.023	ng	# 91
25) Phenanthrene	17.195	178	542	0.020	ng	99
26) Anthracene	17.287	178	5766	0.250	ng	# 91
28) Fluoranthene	19.215	202	23049	0.651	ng	99
30) Pyrene	19.577	202	15858	0.450	ng	# 94
32) Benzo(a)anthracene	21.333	228	1695	0.049	ng	# 77
33) Chrysene	21.377	228	1067	0.027	ng	# 62
34) Bis(2-ethylhexyl)phtha...	21.261	149	1601	0.102	ng	# 99

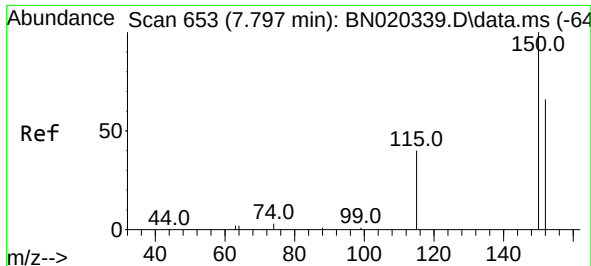
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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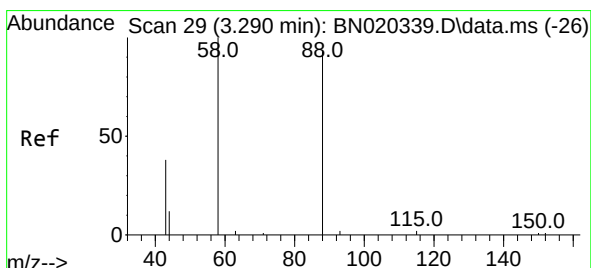
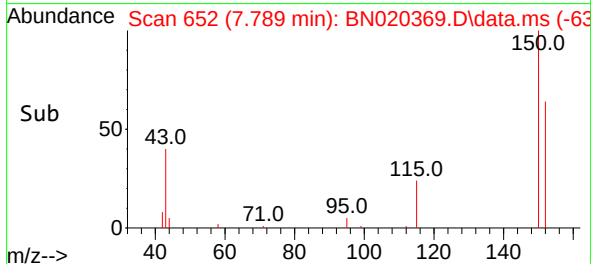
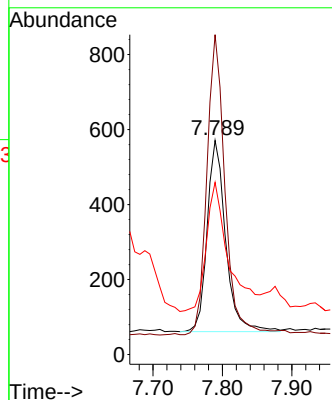
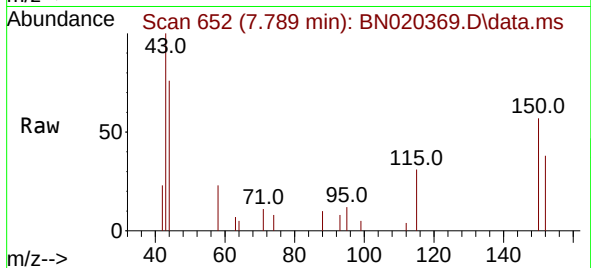




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.789 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN020369.D
 Acq: 23 Jun 2022 07:46

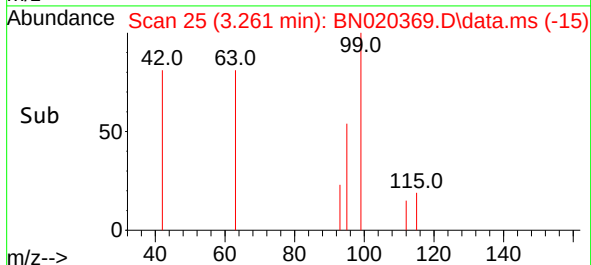
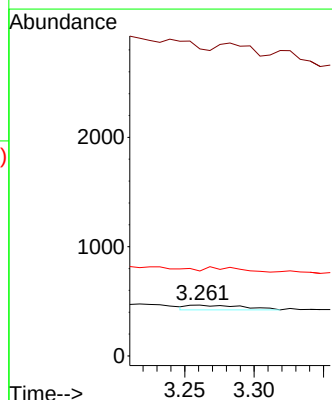
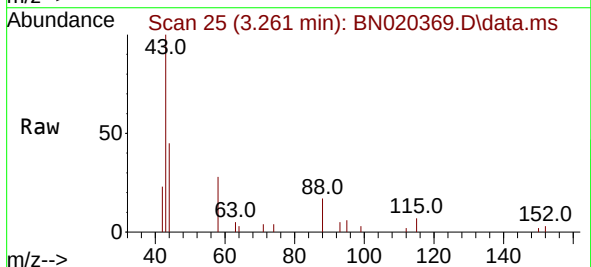
Instrument :
 BNA_N
 ClientSampleId :
 MW-50

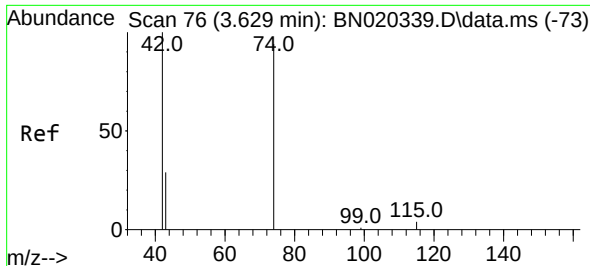
Tgt Ion:152 Resp: 947
 Ion Ratio Lower Upper
 152 100
 150 149.4 127.9 191.9
 115 80.4 51.4 77.2#



#2
 1,4-Dioxane
 Concen: 0.030 ng
 RT: 3.261 min Scan# 25
 Delta R.T. -0.029 min
 Lab File: BN020369.D
 Acq: 23 Jun 2022 07:46

Tgt Ion: 88 Resp: 118
 Ion Ratio Lower Upper
 88 100
 43 0.0 30.2 45.2#
 58 60.2 73.0 109.6#

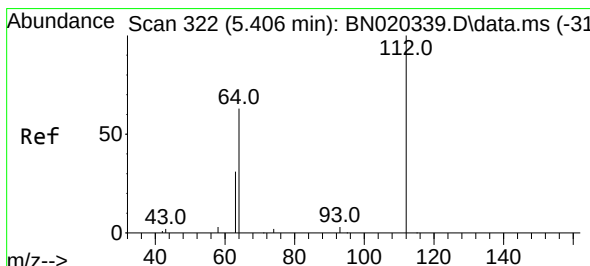
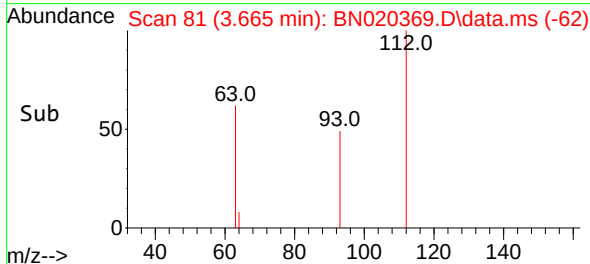
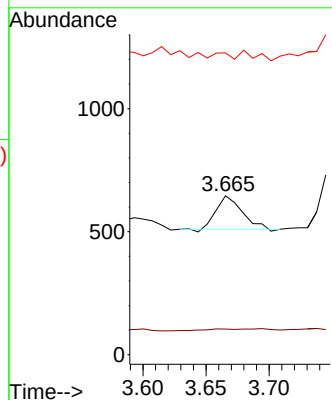
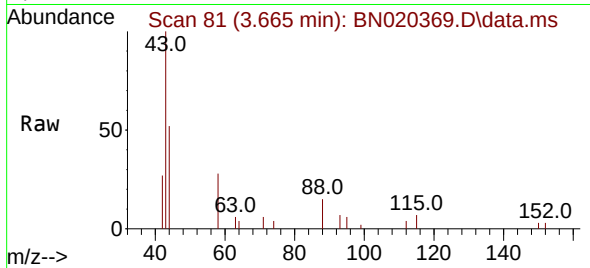




#3
n-Nitrosodimethylamine
Concen: 0.191 ng
RT: 3.665 min Scan# 81
Delta R.T. 0.036 min
Lab File: BN020369.D
Acq: 23 Jun 2022 07:46

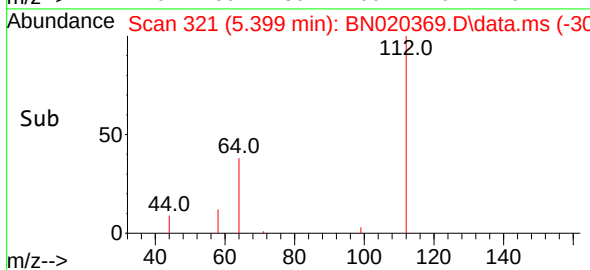
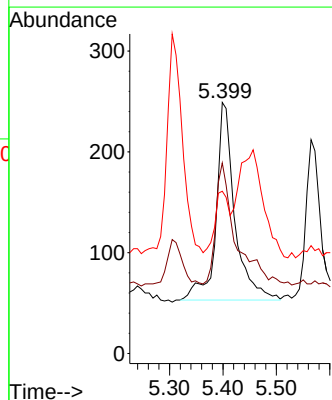
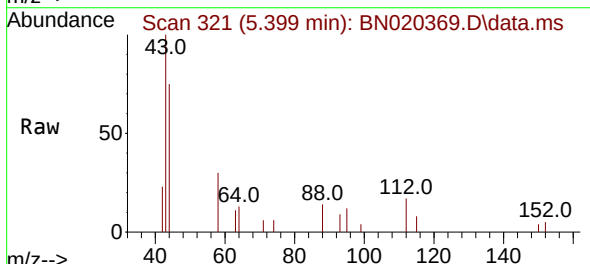
Instrument :
BNA_N
ClientSampleId :
MW-50

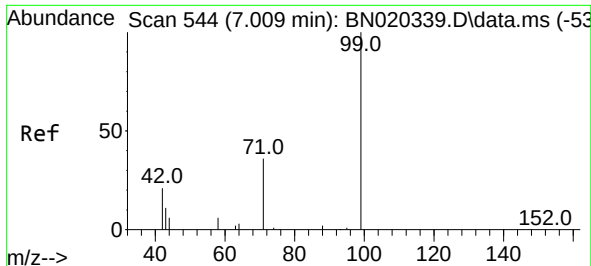
Tgt Ion: 42 Resp: 189
Ion Ratio Lower Upper
42 100
74 6.9 84.0 126.0#
44 0.0 9.8 14.8#



#4
2-Fluorophenol
Concen: 0.172 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.007 min
Lab File: BN020369.D
Acq: 23 Jun 2022 07:46

Tgt Ion: 112 Resp: 477
Ion Ratio Lower Upper
112 100
64 63.7 49.1 73.7
63 23.5 26.3 39.5#

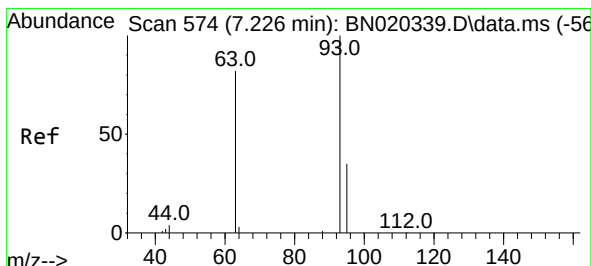
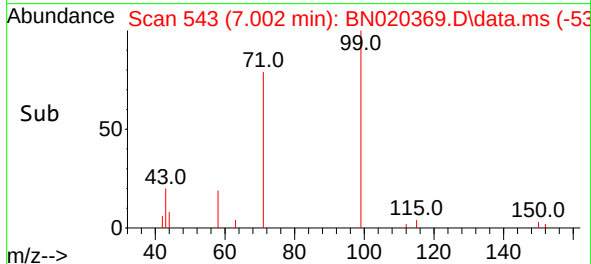
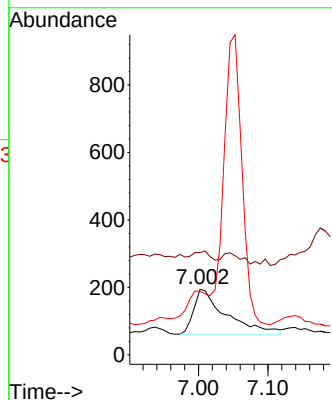
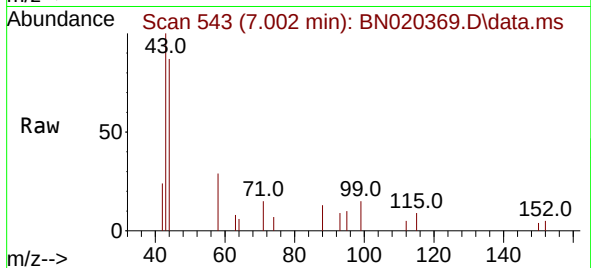




#5
Phenol-d6
Concen: 0.121 ng
RT: 7.002 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN020369.D
Acq: 23 Jun 2022 07:46

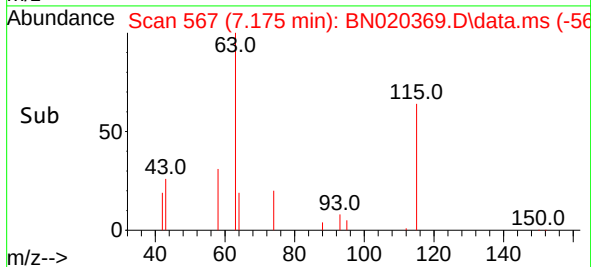
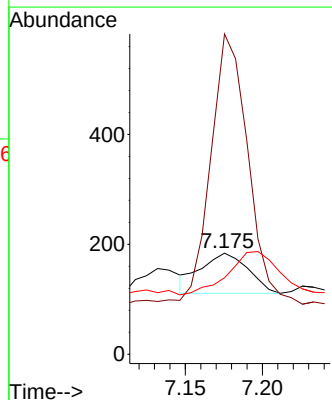
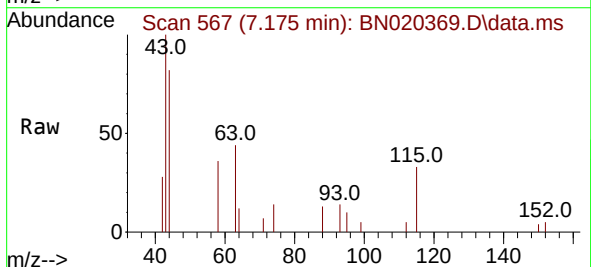
Instrument :
BNA_N
ClientSampleId :
MW-50

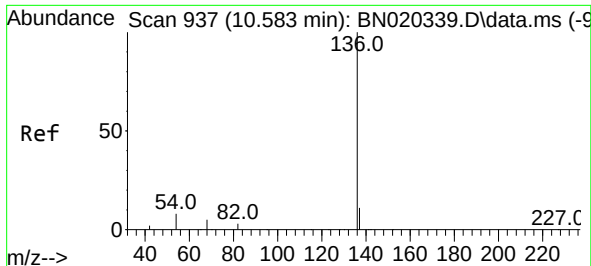
Tgt Ion: 99 Resp: 433
Ion Ratio Lower Upper
99 100
42 9.2 19.3 28.9#
71 53.1 27.5 41.3#



#6
bis(2-Chloroethyl)ether
Concen: 0.056 ng
RT: 7.175 min Scan# 567
Delta R.T. -0.051 min
Lab File: BN020369.D
Acq: 23 Jun 2022 07:46

Tgt Ion: 93 Resp: 156
Ion Ratio Lower Upper
93 100
63 528.8 67.4 101.0#
95 0.0 26.5 39.7#

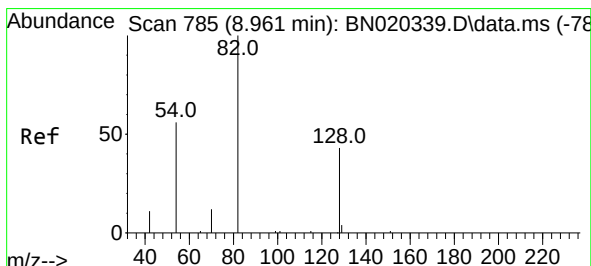
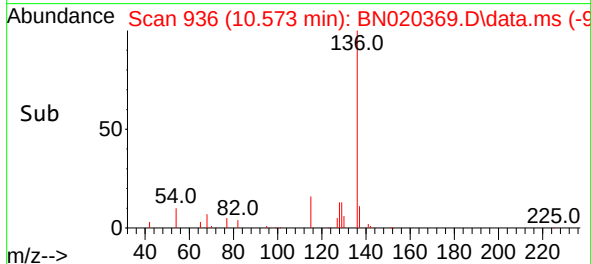
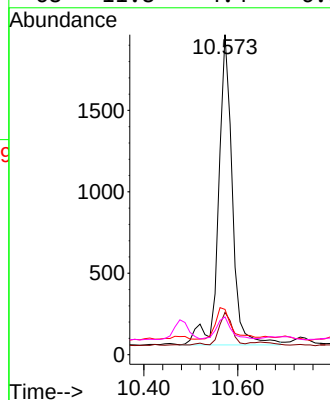
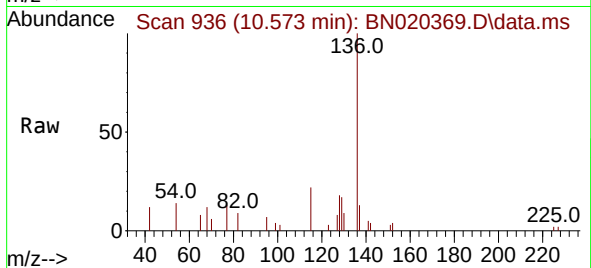




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN020369.D
Acq: 23 Jun 2022 07:46

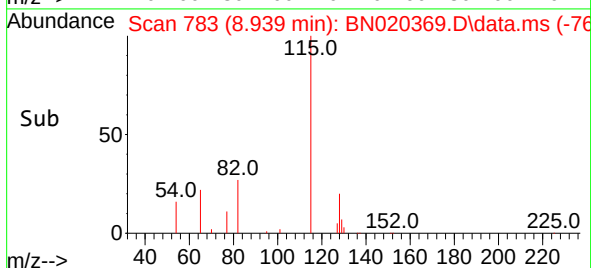
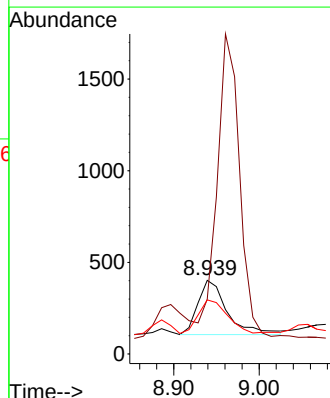
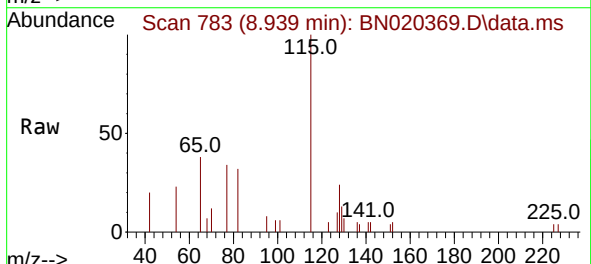
Instrument :
BNA_N
ClientSampleId :
MW-50

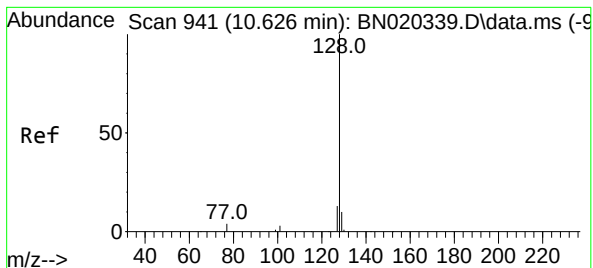
Tgt Ion:	136	Resp:	3871
Ion	Ratio	Lower	Upper
136	100		
137	13.2	9.0	13.6
54	14.1	6.2	9.2#
68	11.8	4.4	6.6#



#8
Nitrobenzene-d5
Concen: 0.263 ng
RT: 8.939 min Scan# 783
Delta R.T. -0.021 min
Lab File: BN020369.D
Acq: 23 Jun 2022 07:46

Tgt Ion:	82	Resp:	711
Ion	Ratio	Lower	Upper
82	100		
128	74.4	35.0	52.6#
54	73.4	46.2	69.4#





#9

Naphthalene

Concen: 0.160 ng

RT: 10.626 min Scan# 941

Delta R.T. -0.000 min

Lab File: BN020369.D

Acq: 23 Jun 2022 07:46

Instrument :

BNA_N

ClientSampleId :

MW-50

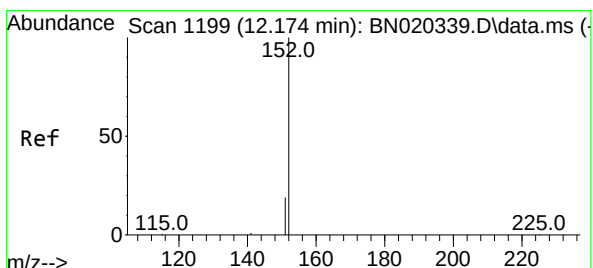
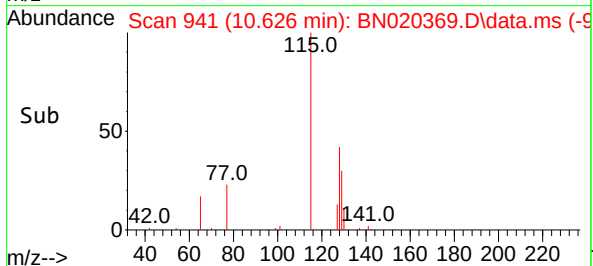
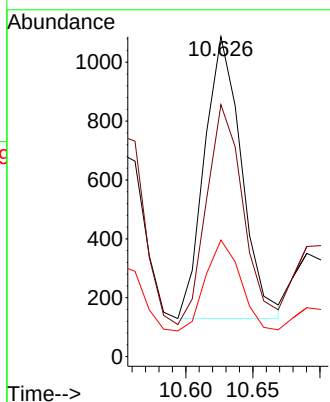
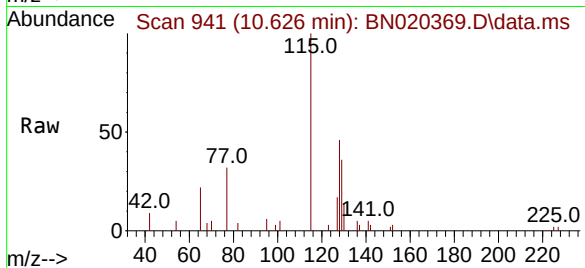
Tgt Ion:128 Resp: 1845

Ion Ratio Lower Upper

128 100

129 78.7 8.9 13.3#

127 36.4 10.8 16.2#



#11

2-Methylnaphthalene-d10

Concen: 0.277 ng

RT: 12.166 min Scan# 1197

Delta R.T. -0.008 min

Lab File: BN020369.D

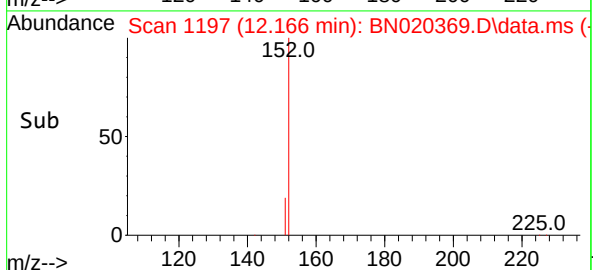
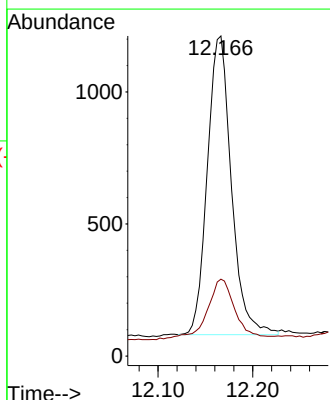
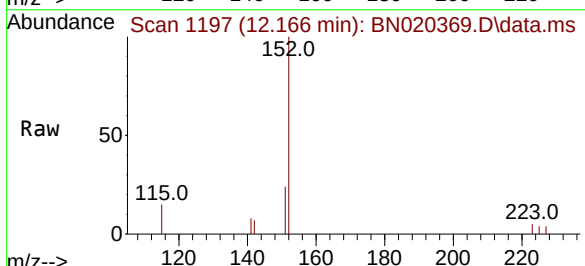
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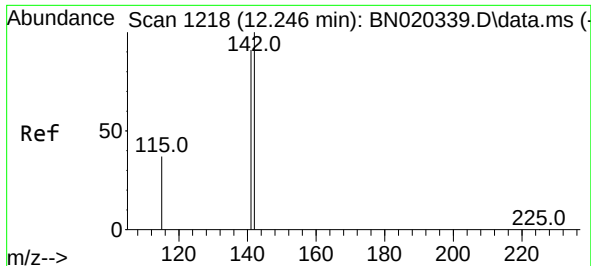
Tgt Ion:152 Resp: 1996

Ion Ratio Lower Upper

152 100

151 24.1 16.2 24.4

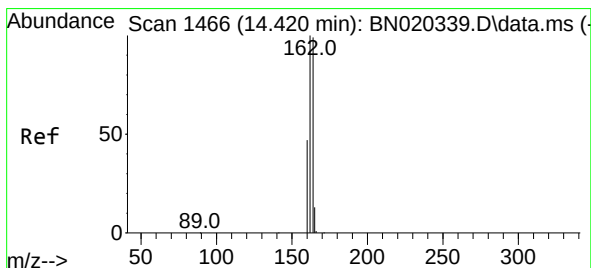
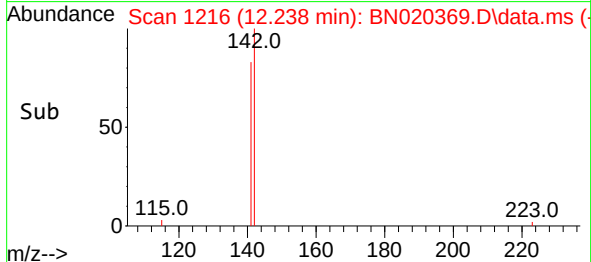
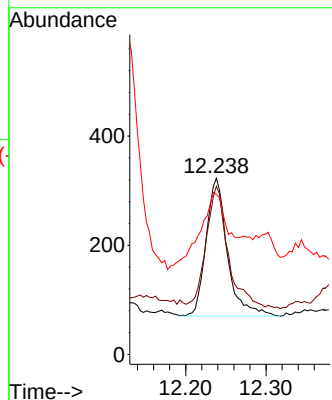
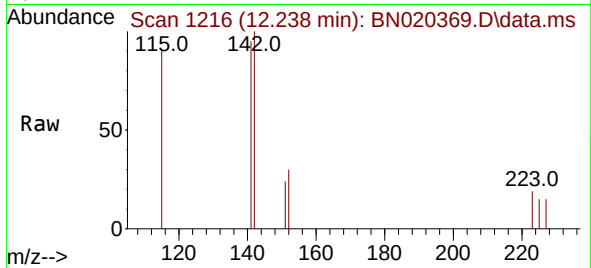




#12
2-Methylnaphthalene
Concen: 0.055 ng
RT: 12.238 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN020369.D
Acq: 23 Jun 2022 07:46

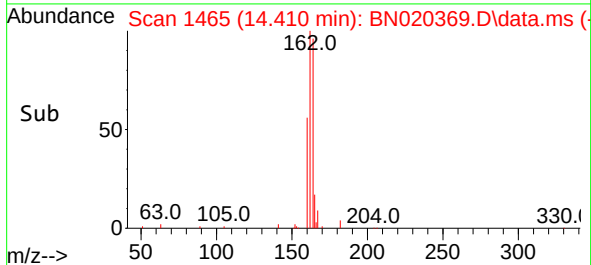
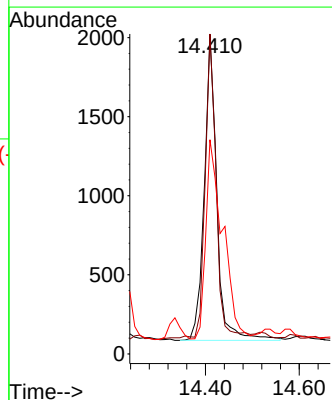
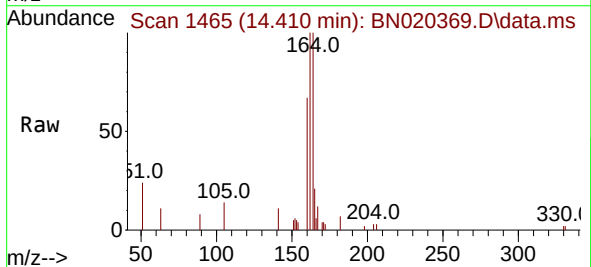
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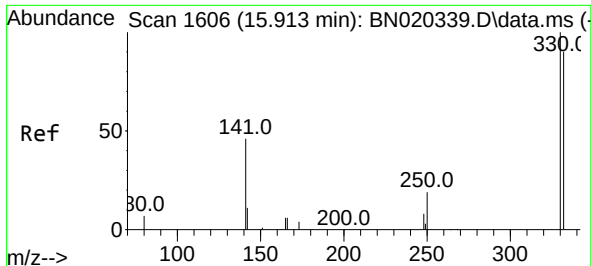
Tgt Ion:142 Resp: 468
Ion Ratio Lower Upper
142 100
141 95.4 71.6 107.4
115 90.7 29.8 44.8#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.410 min Scan# 1465
Delta R.T. -0.011 min
Lab File: BN020369.D
Acq: 23 Jun 2022 07:46

Tgt Ion:164 Resp: 3580
Ion Ratio Lower Upper
164 100
162 100.2 82.1 123.1
160 67.1 38.6 58.0#

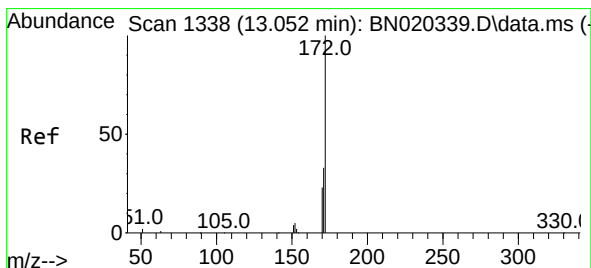
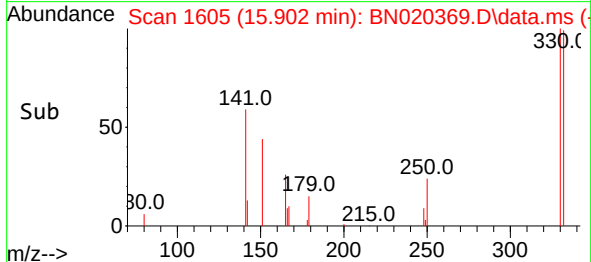
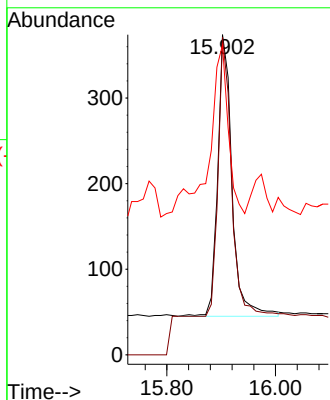
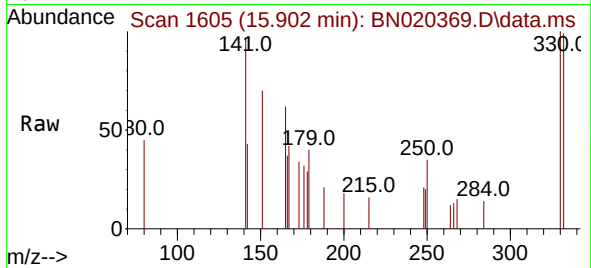




#14
2,4,6-Tribromophenol
Concen: 0.354 ng
RT: 15.902 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN020369.D
Acq: 23 Jun 2022 07:46

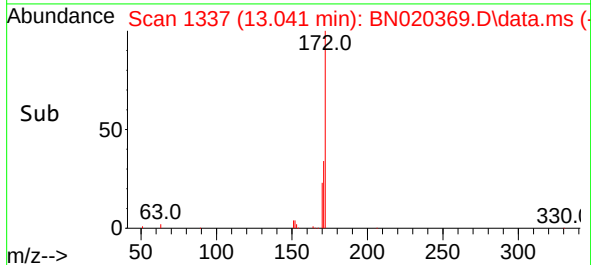
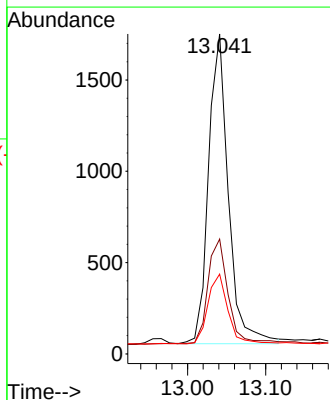
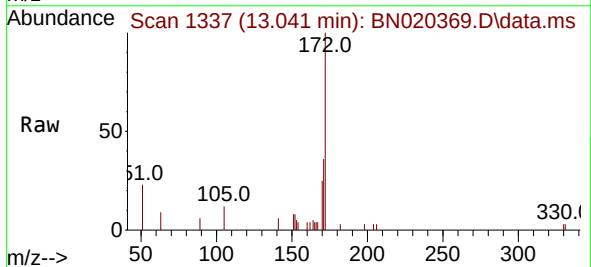
Instrument :
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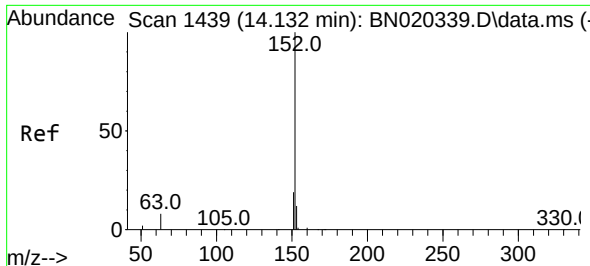
Tgt Ion:330 Resp: 603
Ion Ratio Lower Upper
330 100
332 92.7 77.6 116.4
141 74.3 41.0 61.4#



#15
2-Fluorobiphenyl
Concen: 0.233 ng
RT: 13.041 min Scan# 1337
Delta R.T. -0.011 min
Lab File: BN020369.D
Acq: 23 Jun 2022 07:46

Tgt Ion:172 Resp: 2987
Ion Ratio Lower Upper
172 100
171 35.9 27.2 40.8
170 24.9 18.2 27.4

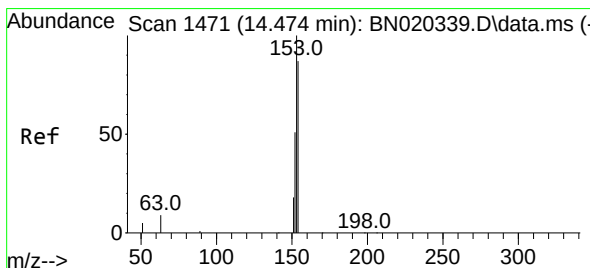
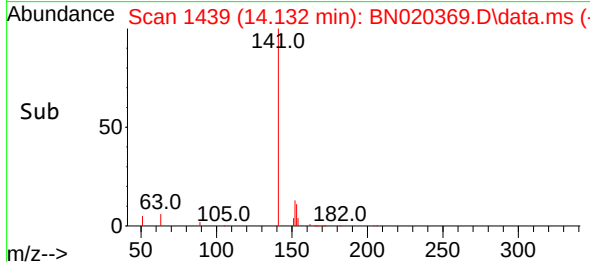
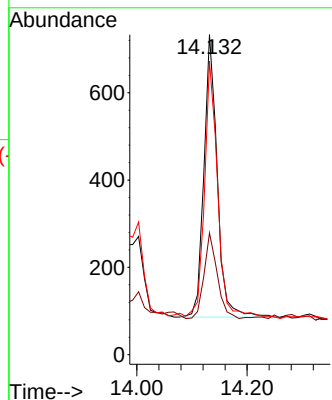
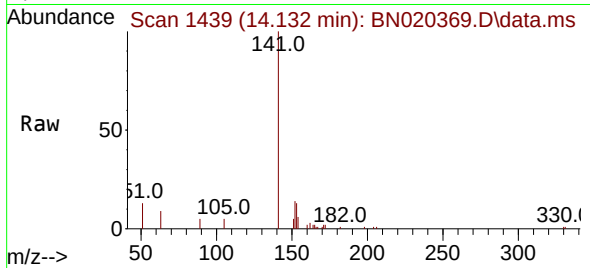




#16
Acenaphthylene
Concen: 0.065 ng
RT: 14.132 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BN020369.D
Acq: 23 Jun 2022 07:46

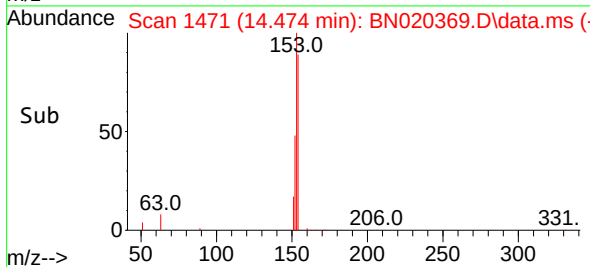
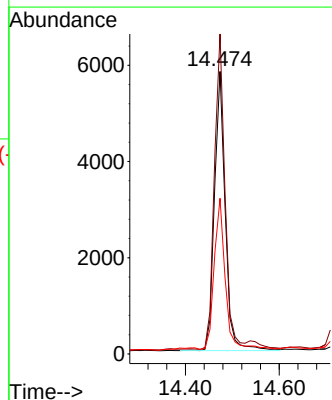
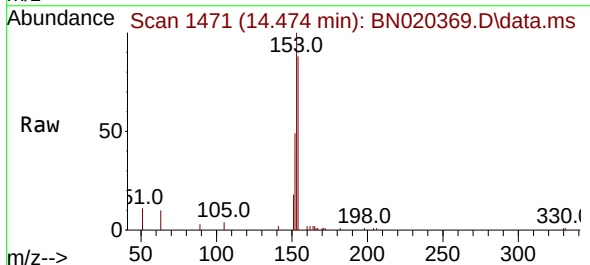
Instrument :
BNA_N
ClientSampleId :
MW-50

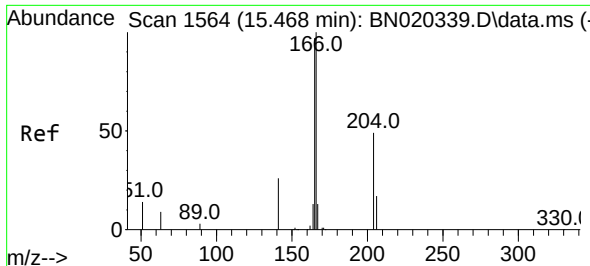
Tgt Ion:152 Resp: 1087
Ion Ratio Lower Upper
152 100
151 30.1 16.2 24.4#
153 92.7 10.7 16.1#



#17
Acenaphthene
Concen: 0.796 ng
RT: 14.474 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BN020369.D
Acq: 23 Jun 2022 07:46

Tgt Ion:154 Resp: 9303
Ion Ratio Lower Upper
154 100
153 111.0 87.5 131.3
152 55.5 43.8 65.6

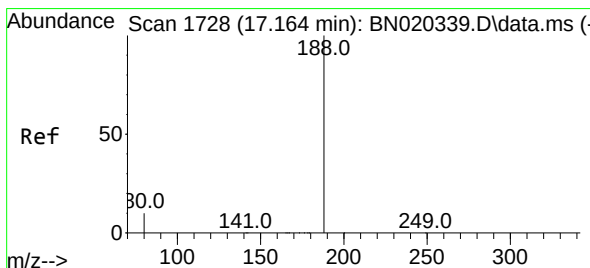
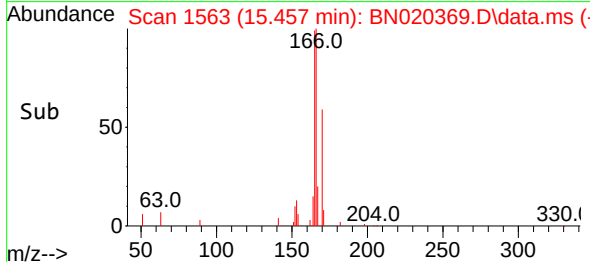
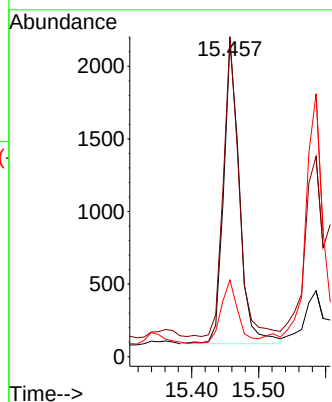
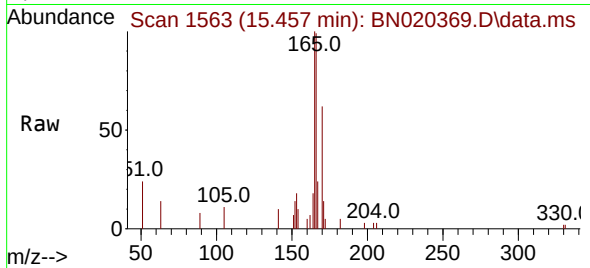




#18
Fluorene
Concen: 0.204 ng
RT: 15.457 min Scan# 1563
Delta R.T. -0.011 min
Lab File: BN020369.D
Acq: 23 Jun 2022 07:46

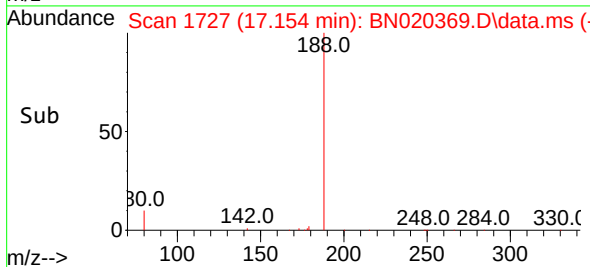
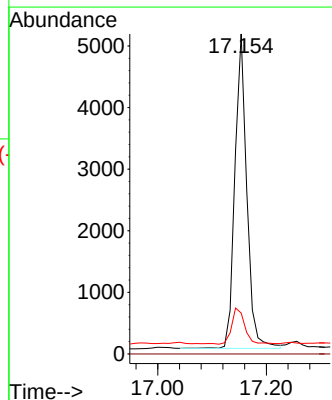
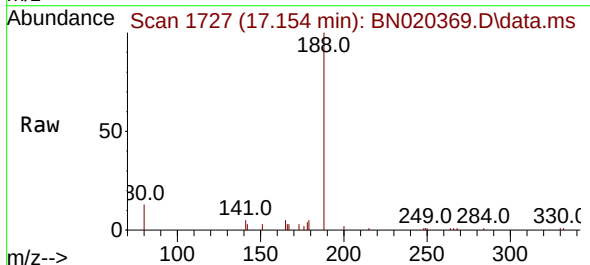
Instrument :
BNA_N
ClientSampleId :
MW-50

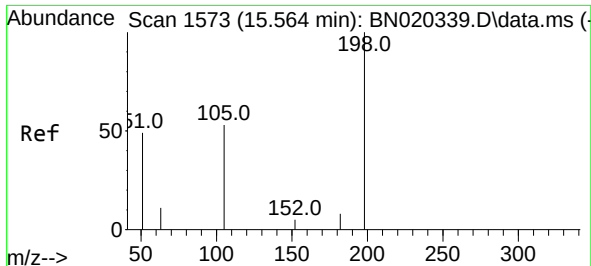
Tgt Ion:166 Resp: 3436
Ion Ratio Lower Upper
166 100
165 97.4 78.6 118.0
167 21.9 10.8 16.2#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.154 min Scan# 1727
Delta R.T. -0.010 min
Lab File: BN020369.D
Acq: 23 Jun 2022 07:46

Tgt Ion:188 Resp: 7783
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.8 7.4 11.2#





#20

4,6-Dinitro-2-methylphenol

Concen: 0.199 ng

RT: 15.511 min Scan# 1568

Delta R.T. -0.053 min

Lab File: BN020369.D

Acq: 23 Jun 2022 07:46

Instrument :

BNA_N

ClientSampleId :

MW-50

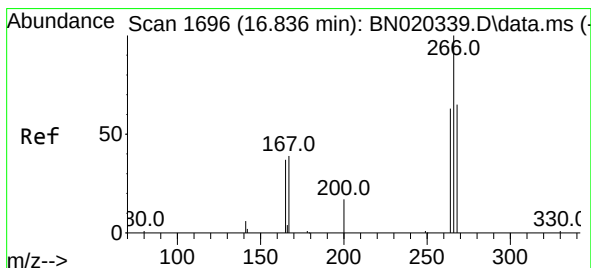
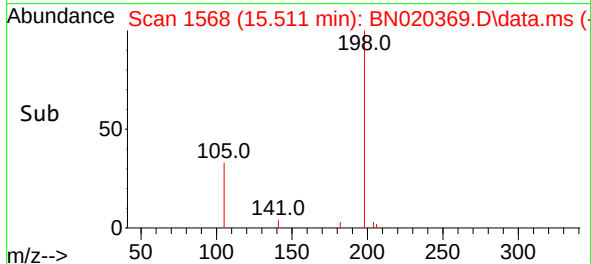
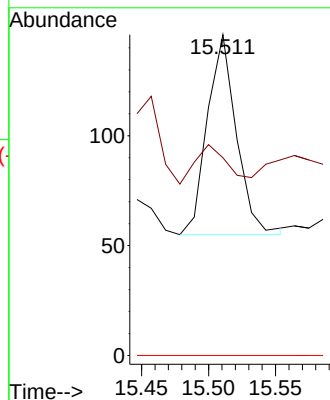
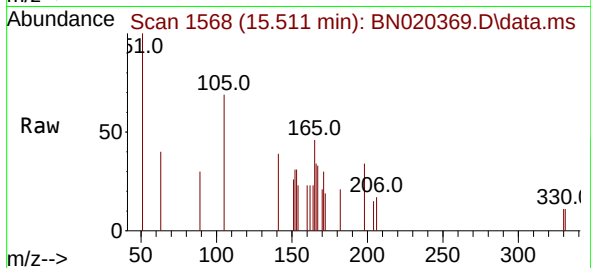
Tgt Ion:198 Resp: 138

Ion Ratio Lower Upper

198 100

182 61.6 12.1 18.1#

77 0.0 0.0 0.0



#24

Pentachlorophenol

Concen: 0.023 ng

RT: 16.815 min Scan# 1694

Delta R.T. -0.021 min

Lab File: BN020369.D

Acq: 23 Jun 2022 07:46

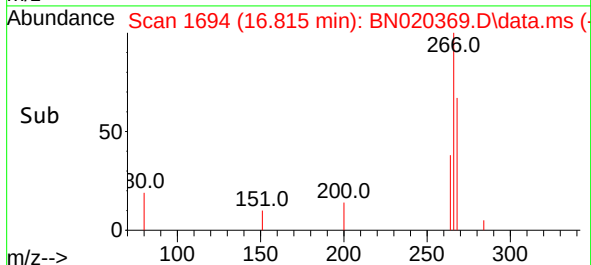
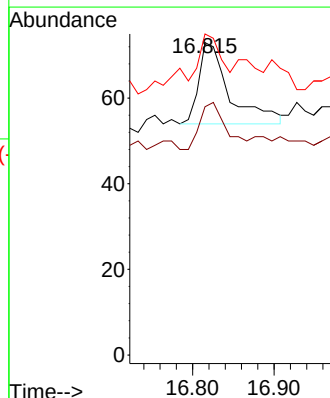
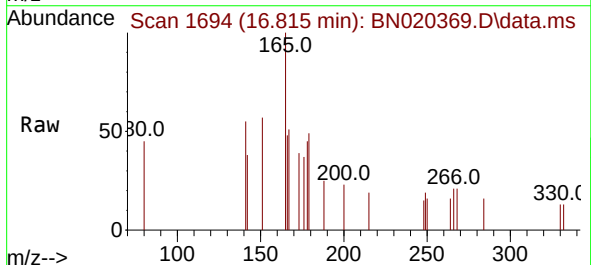
Tgt Ion:266 Resp: 50

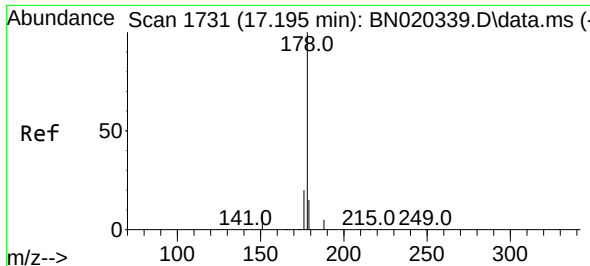
Ion Ratio Lower Upper

266 100

264 50.0 51.3 76.9#

268 66.0 52.6 79.0

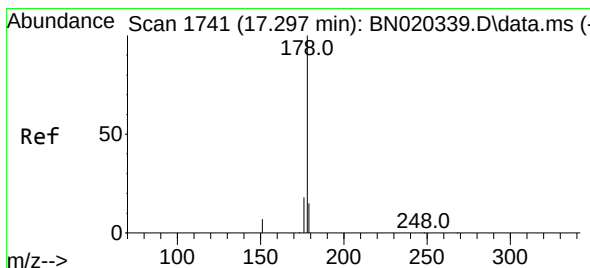
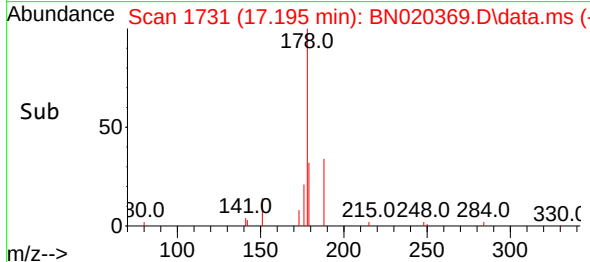
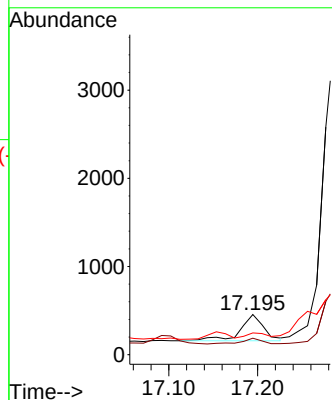
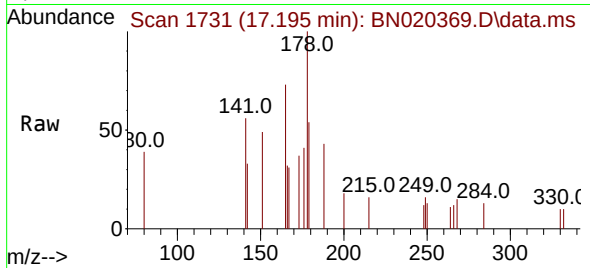




#25
Phenanthrene
Concen: 0.020 ng
RT: 17.195 min Scan# 1731
Delta R.T. -0.000 min
Lab File: BN020369.D
Acq: 23 Jun 2022 07:46

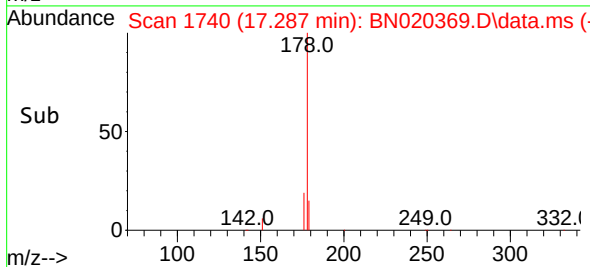
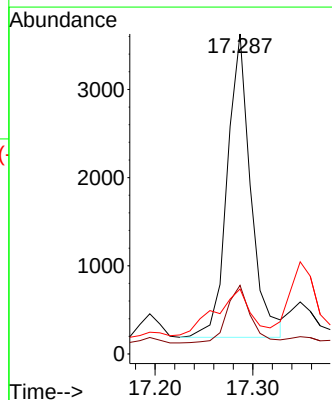
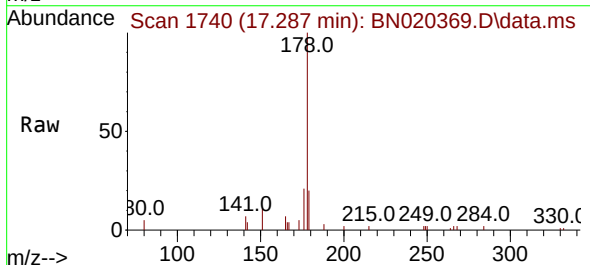
Instrument :
BNA_N
ClientSampleId :
MW-50

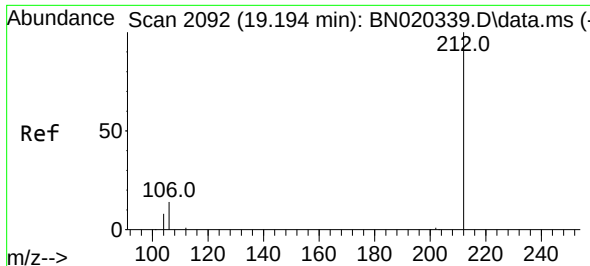
Tgt Ion:178 Resp: 542
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 16.6 12.2 18.4



#26
Anthracene
Concen: 0.250 ng
RT: 17.287 min Scan# 1740
Delta R.T. -0.010 min
Lab File: BN020369.D
Acq: 23 Jun 2022 07:46

Tgt Ion:178 Resp: 5766
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 23.6 12.2 18.4#

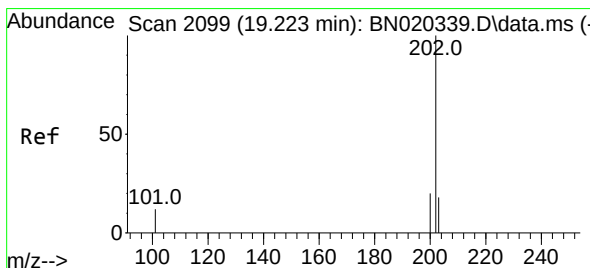
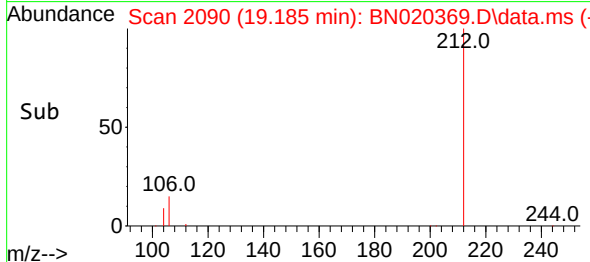
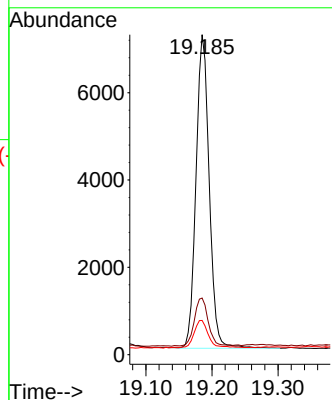
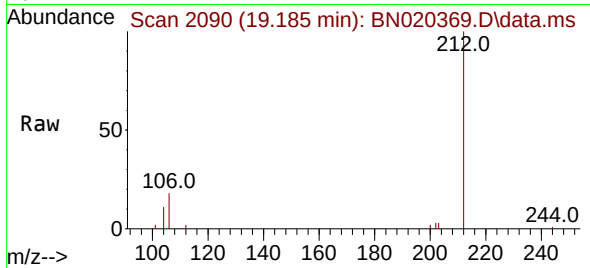




#27
Fluoranthene-d10
Concen: 0.366 ng
RT: 19.185 min Scan# 2090
Delta R.T. -0.008 min
Lab File: BN020369.D
Acq: 23 Jun 2022 07:46

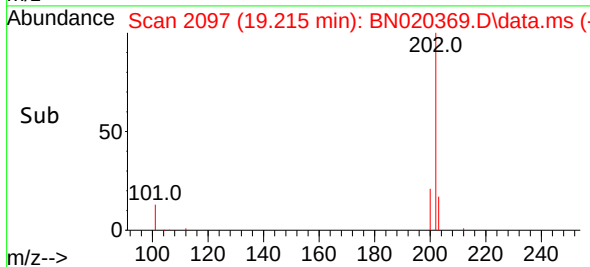
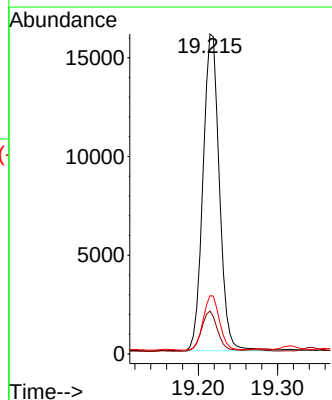
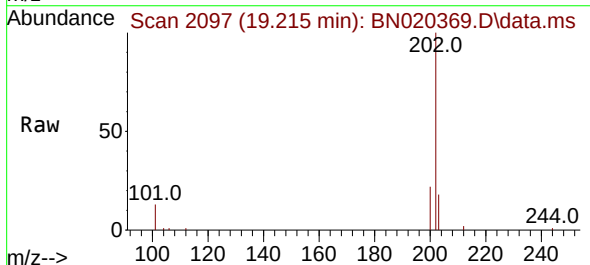
Instrument :
BNA_N
ClientSampleId :
MW-50

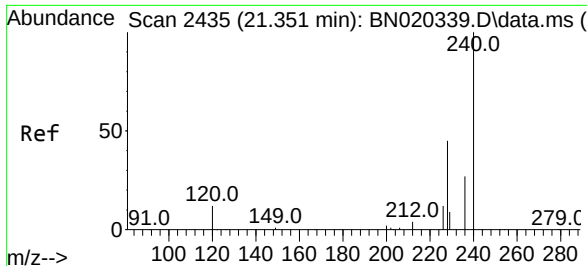
Tgt Ion:212 Resp: 9976
Ion Ratio Lower Upper
212 100
106 16.3 12.6 19.0
104 10.1 7.2 10.8



#28
Fluoranthene
Concen: 0.651 ng
RT: 19.215 min Scan# 2097
Delta R.T. -0.008 min
Lab File: BN020369.D
Acq: 23 Jun 2022 07:46

Tgt Ion:202 Resp: 23049
Ion Ratio Lower Upper
202 100
101 12.6 9.6 14.4
203 17.1 13.5 20.3

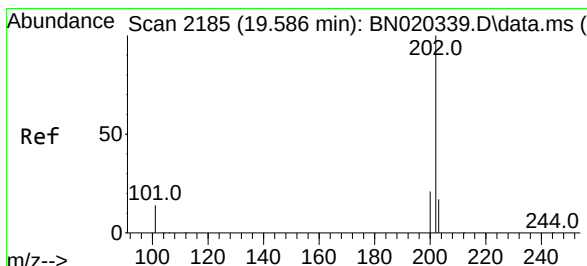
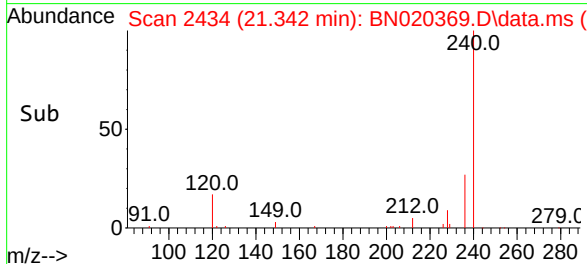
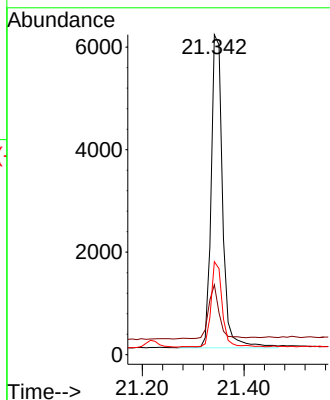
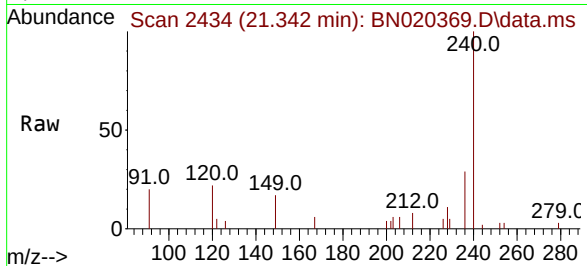




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.342 min Scan# 2435
Delta R.T. -0.009 min
Lab File: BN020369.D
Acq: 23 Jun 2022 07:46

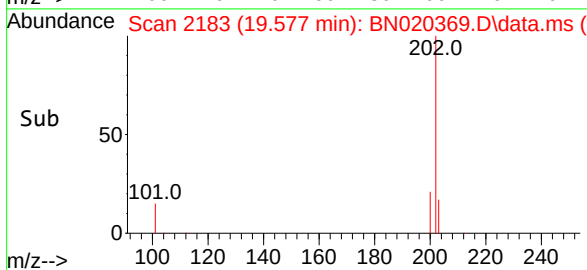
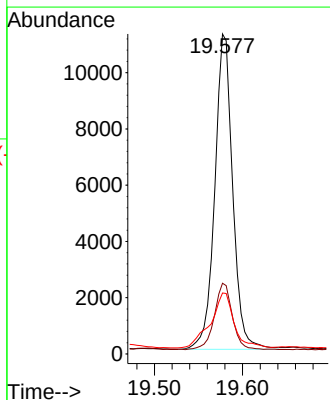
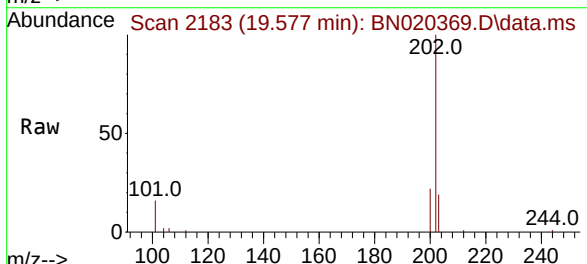
Instrument :
BNA_N
ClientSampleId :
MW-50

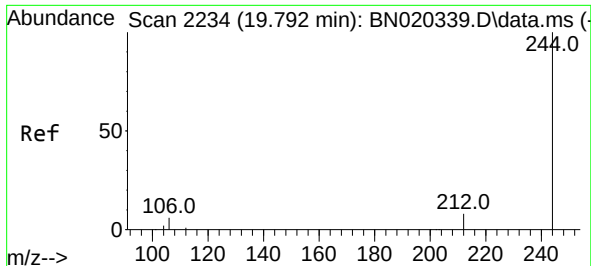
Tgt Ion:240 Resp: 9554
Ion Ratio Lower Upper
240 100
120 21.9 14.6 21.8#
236 29.1 22.6 33.8



#30
Pyrene
Concen: 0.450 ng
RT: 19.577 min Scan# 2183
Delta R.T. -0.008 min
Lab File: BN020369.D
Acq: 23 Jun 2022 07:46

Tgt Ion:202 Resp: 15858
Ion Ratio Lower Upper
202 100
200 21.2 16.6 25.0
203 22.7 14.2 21.2#

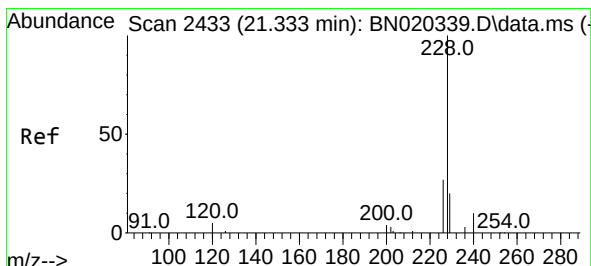
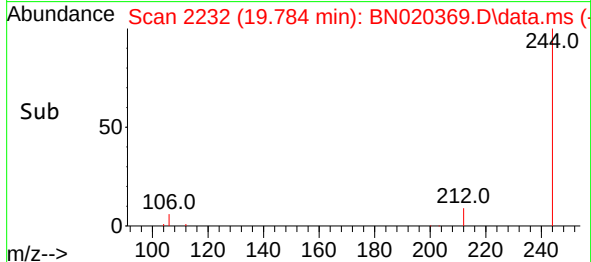
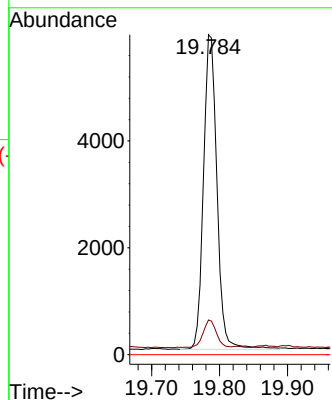
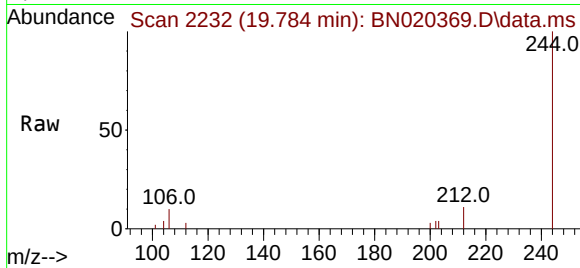




#31
 Terphenyl-d14
 Concen: 0.426 ng
 RT: 19.784 min Scan# 2111
 Delta R.T. -0.008 min
 Lab File: BN020369.D
 Acq: 23 Jun 2022 07:46

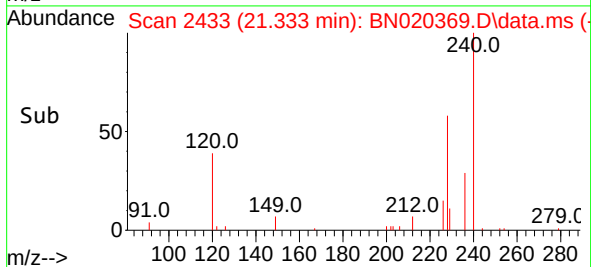
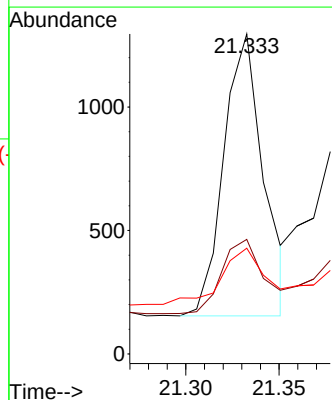
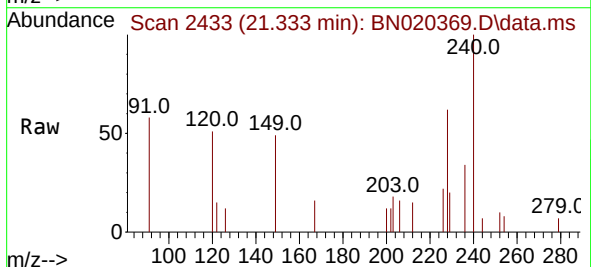
Instrument :
 BNA_N
 ClientSampleId :
 MW-50

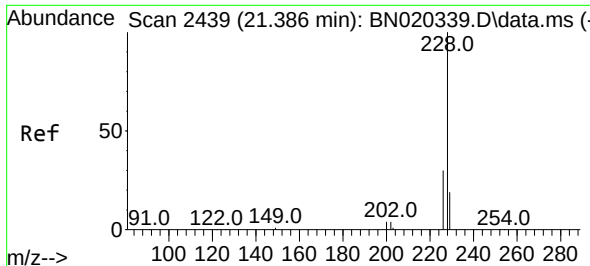
Tgt Ion:244 Resp: 8111
 Ion Ratio Lower Upper
 244 100
 212 10.9 7.1 10.7#
 122 0.0 0.0 0.0



#32
 Benzo(a)anthracene
 Concen: 0.049 ng
 RT: 21.333 min Scan# 2433
 Delta R.T. -0.000 min
 Lab File: BN020369.D
 Acq: 23 Jun 2022 07:46

Tgt Ion:228 Resp: 1695
 Ion Ratio Lower Upper
 228 100
 226 35.8 21.2 31.8#
 229 33.0 15.6 23.4#





#33

Chrysene

Concen: 0.027 ng

RT: 21.377 min Scan# 2438

Delta R.T. -0.009 min

Lab File: BN020369.D

Acq: 23 Jun 2022 07:46

Instrument :

BNA_N

ClientSampleId :

MW-50

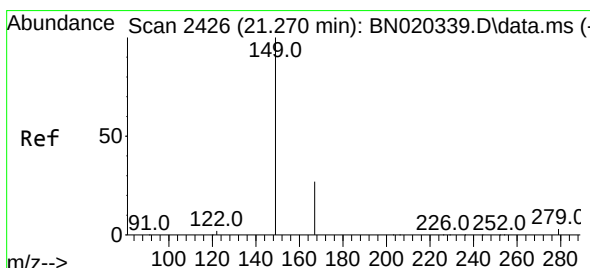
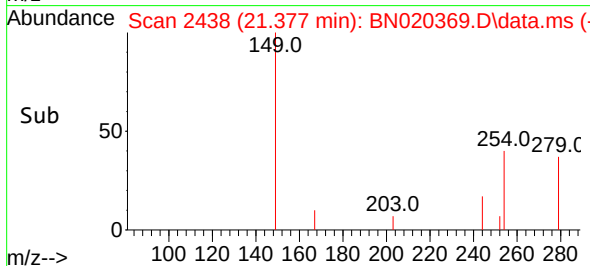
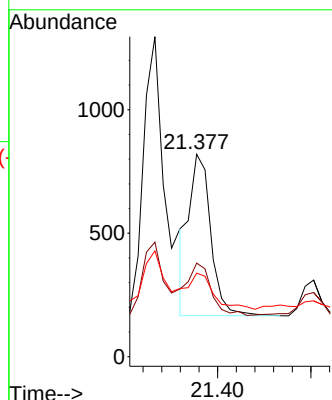
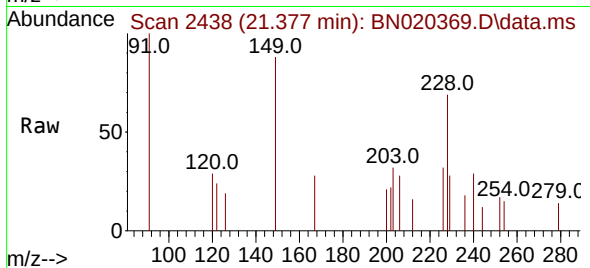
Tgt Ion:228 Resp: 1067

Ion Ratio Lower Upper

228 100

226 46.2 23.4 35.0#

229 41.2 15.7 23.5#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.102 ng

RT: 21.261 min Scan# 2425

Delta R.T. -0.009 min

Lab File: BN020369.D

Acq: 23 Jun 2022 07:46

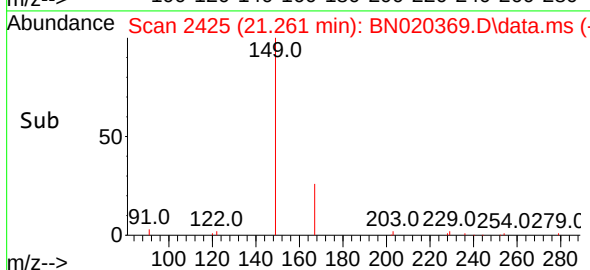
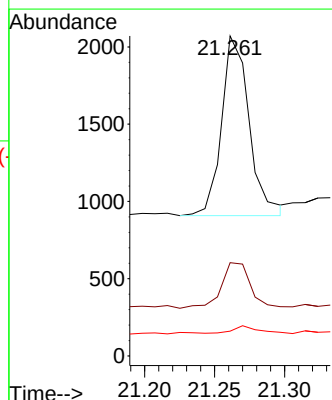
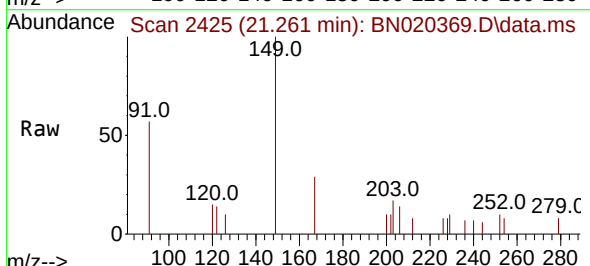
Tgt Ion:149 Resp: 1601

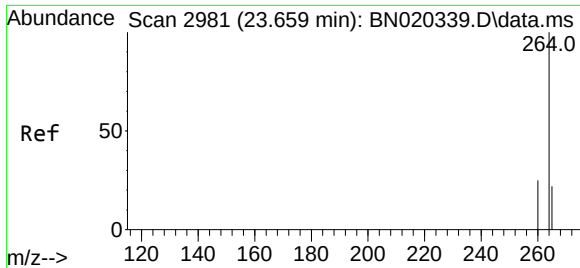
Ion Ratio Lower Upper

149 100

167 26.9 21.7 32.5

279 5.1 2.2 3.2#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.653 min Scan# 2981
 Delta R.T. -0.006 min
 Lab File: BN020369.D
 Acq: 23 Jun 2022 07:46

Instrument :
 BNA_N
 ClientSampleId :
 MW-50

Tgt Ion:264	Resp:	10682
Ion Ratio	Lower	Upper
264	100	
260	26.4	20.9 31.3
265	43.7	28.0 42.0#

