

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
 Data File : BN019188.D
 Acq On : 26 Mar 2022 12:08
 Operator : CG/JU
 Sample : N2090-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-49

Quant Time: Mar 28 09:11:49 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 19:03:12 2022
 Response via : Initial Calibration

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

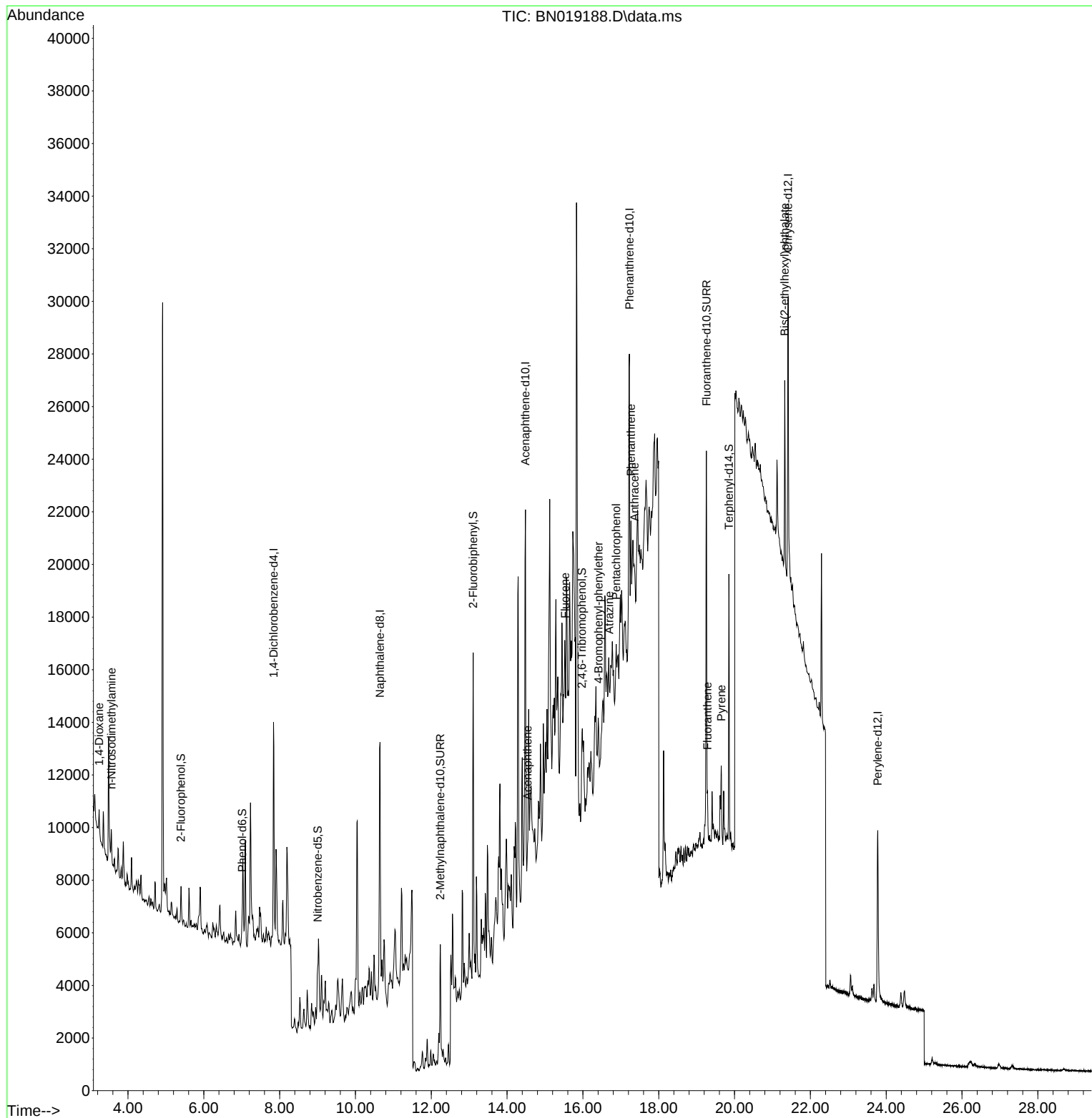
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	4012	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	11780	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	8109	0.400	ng	0.00
19) Phenanthrene-d10	17.225	188	14754	0.400	ng	# 0.00
29) Chrysene-d12	21.413	240	11118	0.400	ng	# 0.00
35) Perylene-d12	23.776	264	9921	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1257	0.133	ng	0.00
5) Phenol-d6	7.009	99	789	0.073	ng	0.00
8) Nitrobenzene-d5	9.003	82	2353	0.258	ng	0.01
11) 2-Methylnaphthalene-d10	12.238	152	6565	0.348	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	1625	0.412	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	9695	0.285	ng	0.00
27) Fluoranthene-d10	19.257	212	16653	0.386	ng	0.00
31) Terphenyl-d14	19.851	244	10291	0.415	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.239	88	273	0.051	ng	# 1
3) n-Nitrosodimethylamine	3.564	42	190	0.032	ng	# 1
17) Acenaphthene	14.538	154	580	0.022	ng	# 51
18) Fluorene	15.532	166	1306	0.039	ng	# 81
21) 4-Bromophenyl-phenylether	16.415	248	240	0.025	ng	# 1
23) Atrazine	16.692	200	774	0.116	ng	# 1
24) Pentachlorophenol	16.877	266	242	0.060	ng	95
25) Phenanthrene	17.267	178	3786	0.080	ng	# 76
26) Anthracene	17.359	178	1159	0.030	ng	# 61
28) Fluoranthene	19.286	202	1416	0.026	ng	97
30) Pyrene	19.649	202	2982	0.057	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.324	149	6208	0.285	ng	# 96

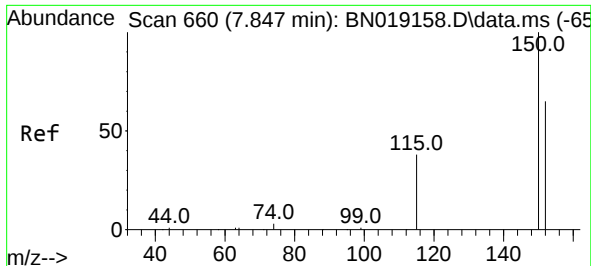
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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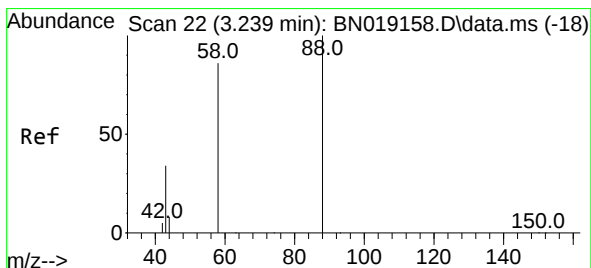
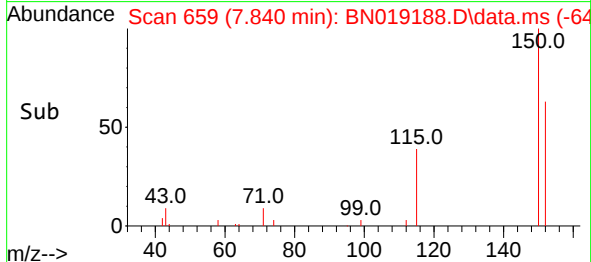
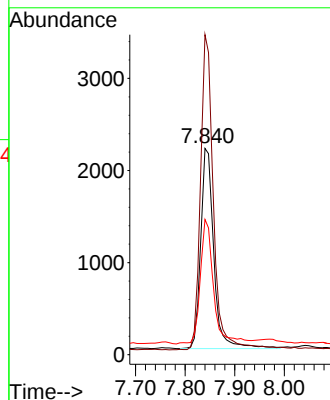
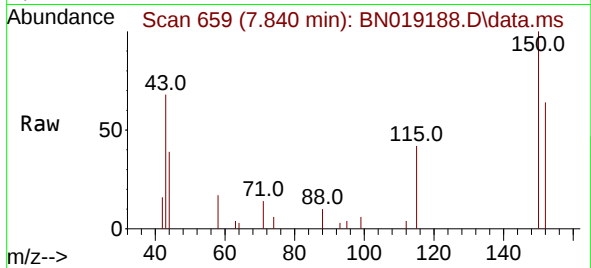




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.840 min Scan# 660
 Delta R.T. -0.007 min
 Lab File: BN019188.D
 Acq: 26 Mar 2022 12:08

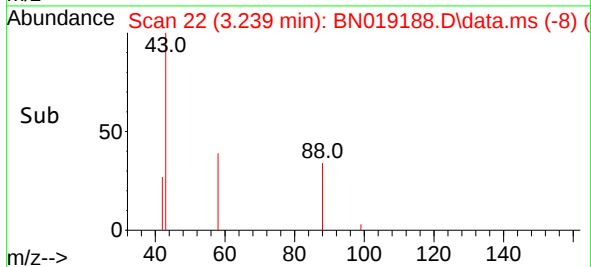
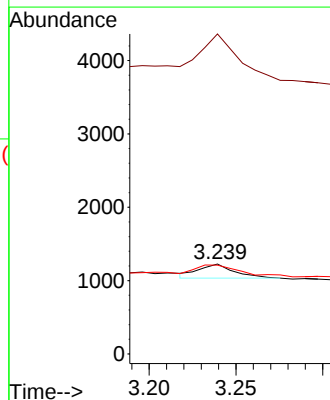
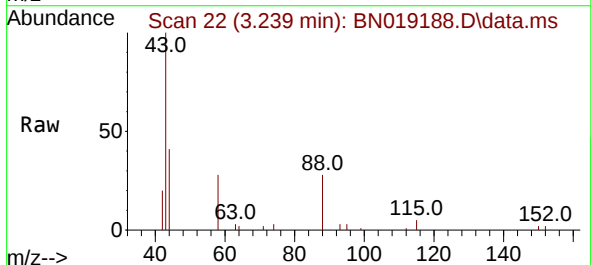
Instrument :
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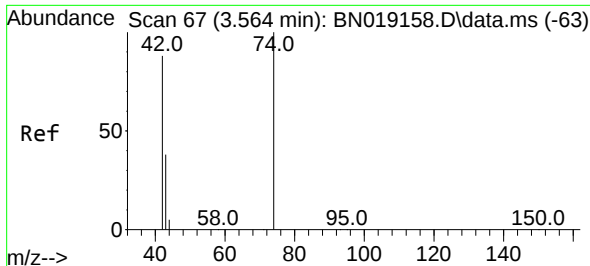
Tgt Ion:152 Resp: 4012
 Ion Ratio Lower Upper
 152 100
 150 155.1 123.9 185.9
 115 65.5 48.2 72.4



#2
 1,4-Dioxane
 Concen: 0.051 ng
 RT: 3.239 min Scan# 22
 Delta R.T. -0.000 min
 Lab File: BN019188.D
 Acq: 26 Mar 2022 12:08

Tgt Ion: 88 Resp: 273
 Ion Ratio Lower Upper
 88 100
 43 356.0 24.6 37.0#
 58 96.3 65.4 98.2

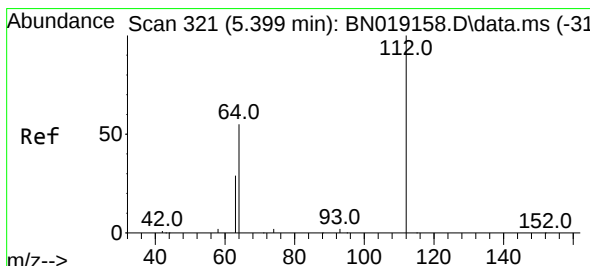
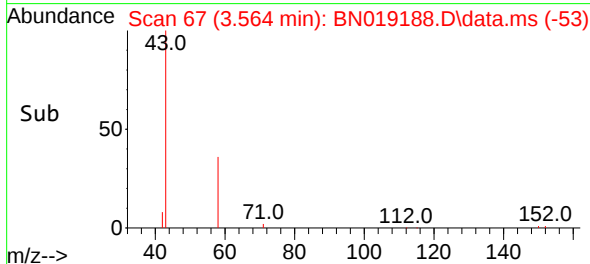
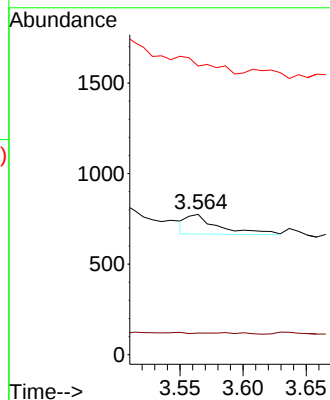
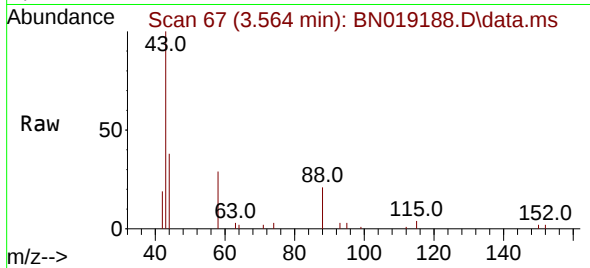




#3
n-Nitrosodimethylamine
Concen: 0.032 ng
RT: 3.564 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN019188.D
Acq: 26 Mar 2022 12:08

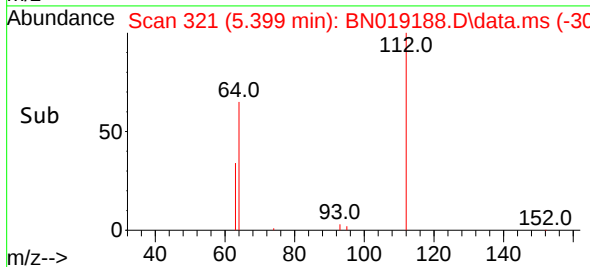
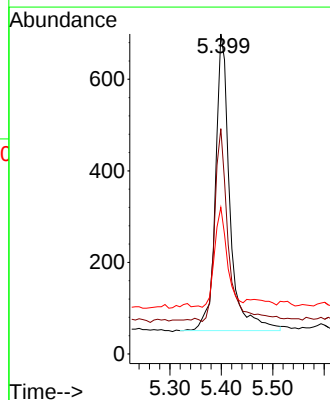
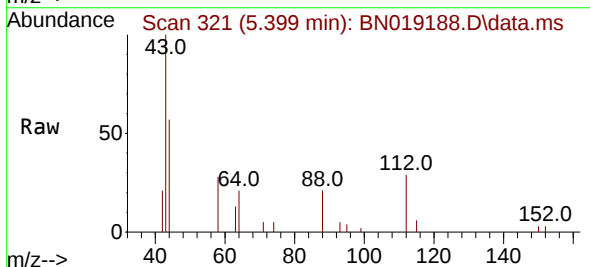
Instrument :
BNA_N
ClientSampleId :
MW-49

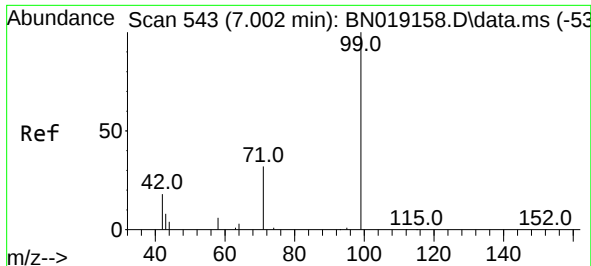
Tgt Ion: 42 Resp: 190
Ion Ratio Lower Upper
42 100
74 0.0 96.9 145.3#
44 0.0 7.3 10.9#



#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN019188.D
Acq: 26 Mar 2022 12:08

Tgt Ion: 112 Resp: 1257
Ion Ratio Lower Upper
112 100
64 61.3 47.8 71.8
63 28.6 25.7 38.5

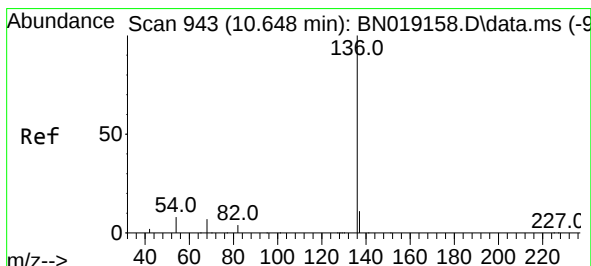
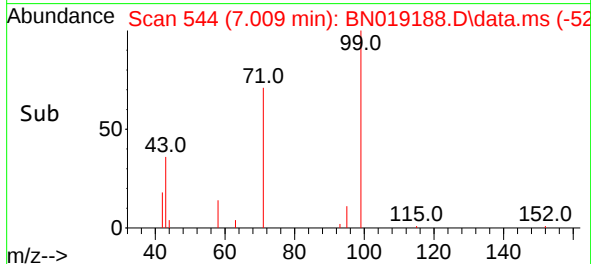
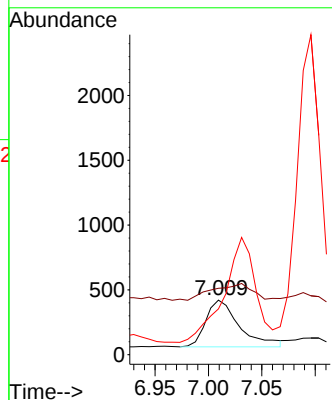
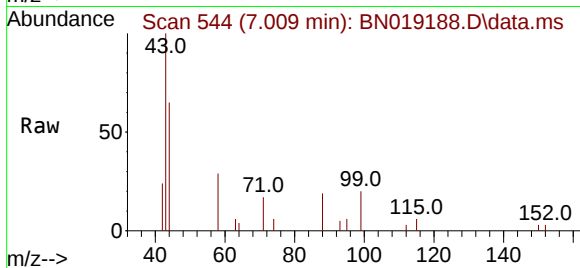




#5
Phenol-d6
Concen: 0.073 ng
RT: 7.009 min Scan# 543
Delta R.T. 0.007 min
Lab File: BN019188.D
Acq: 26 Mar 2022 12:08

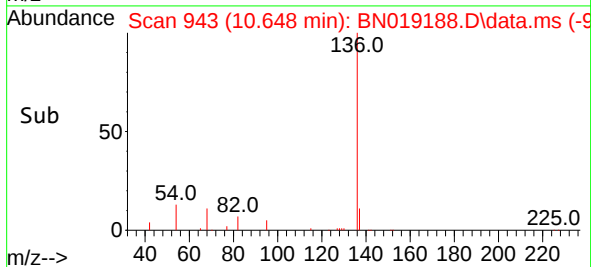
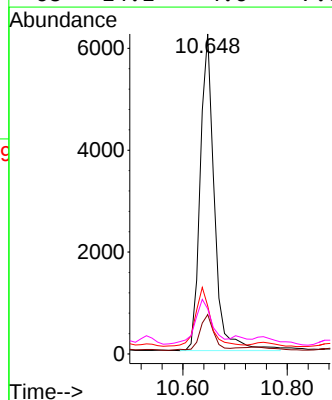
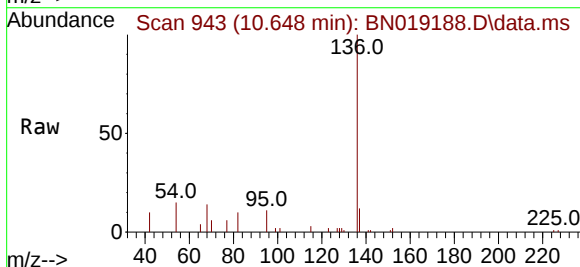
Instrument :
BNA_N
ClientSampleId :
MW-49

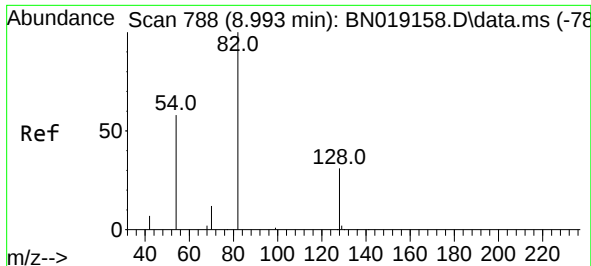
Tgt Ion: 99 Resp: 789
Ion Ratio Lower Upper
99 100
42 0.0 16.2 24.4#
71 0.0 27.7 41.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN019188.D
Acq: 26 Mar 2022 12:08

Tgt Ion: 136 Resp: 11780
Ion Ratio Lower Upper
136 100
137 12.3 9.0 13.4
54 15.0 5.8 8.6#
68 14.1 4.6 7.0#

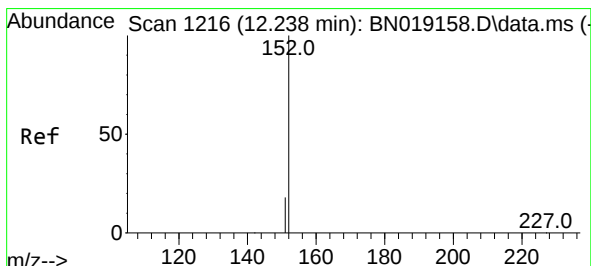
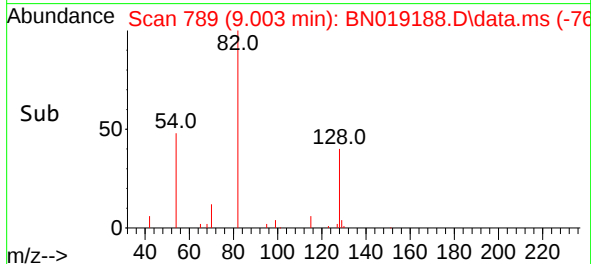
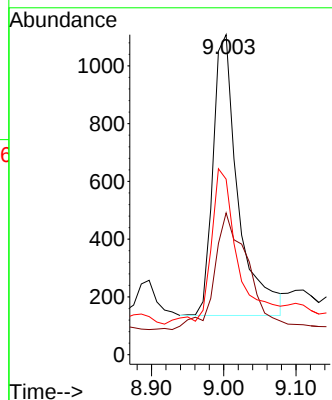
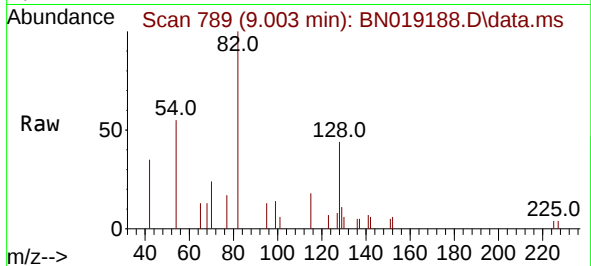




#8
 Nitrobenzene-d5
 Concen: 0.258 ng
 RT: 9.003 min Scan# 788
 Delta R.T. 0.011 min
 Lab File: BN019188.D
 Acq: 26 Mar 2022 12:08

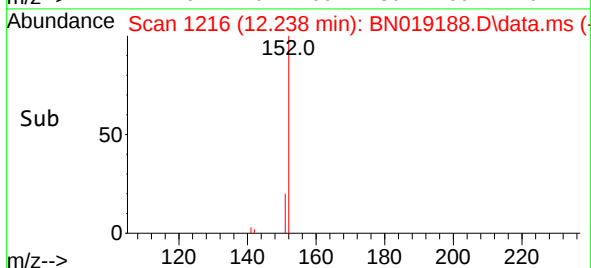
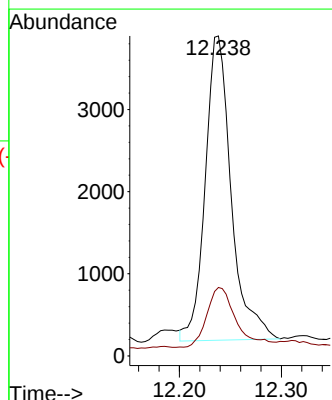
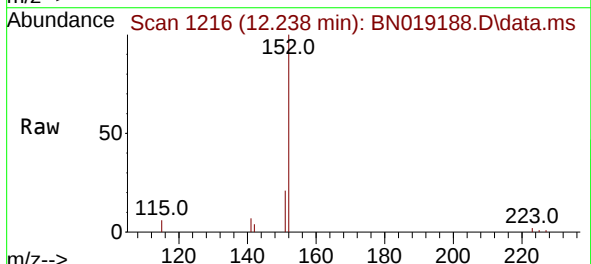
Instrument :
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 ClientSampleId :
 MW-49

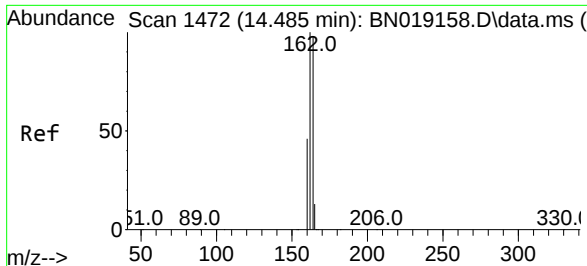
Tgt Ion: 82 Resp: 2353
 Ion Ratio Lower Upper
 82 100
 128 44.3 33.0 49.6
 54 54.9 42.5 63.7



#11
 2-Methylnaphthalene-d10
 Concen: 0.348 ng
 RT: 12.238 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: BN019188.D
 Acq: 26 Mar 2022 12:08

Tgt Ion: 152 Resp: 6565
 Ion Ratio Lower Upper
 152 100
 151 22.4 16.5 24.7

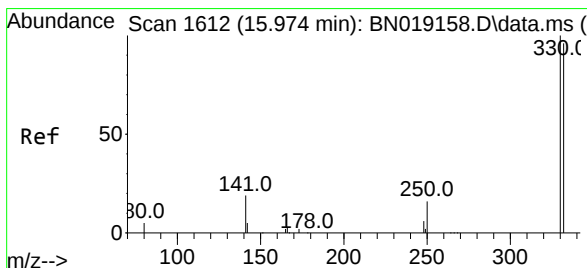
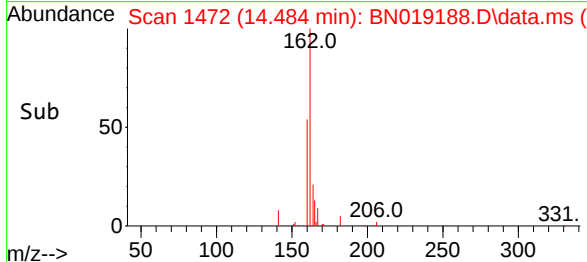
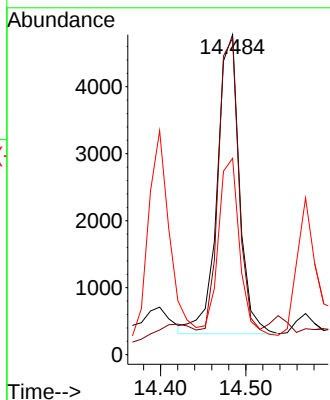
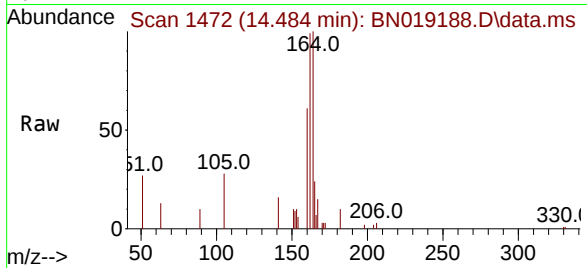




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN019188.D
Acq: 26 Mar 2022 12:08

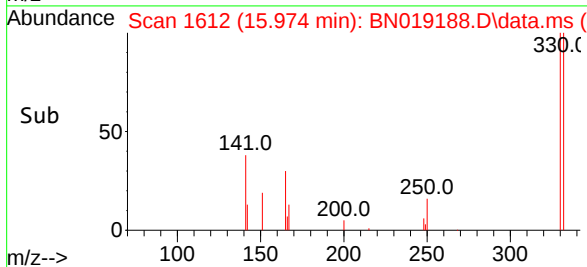
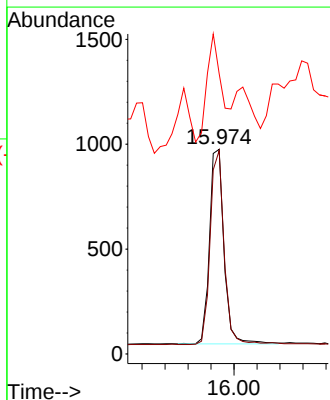
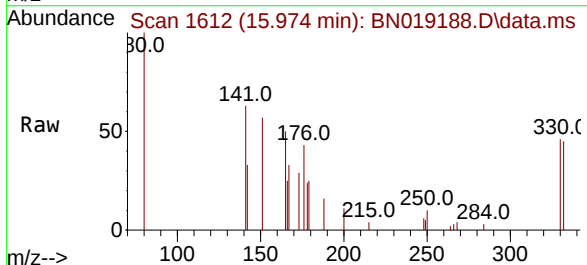
Instrument :
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ClientSampleId :
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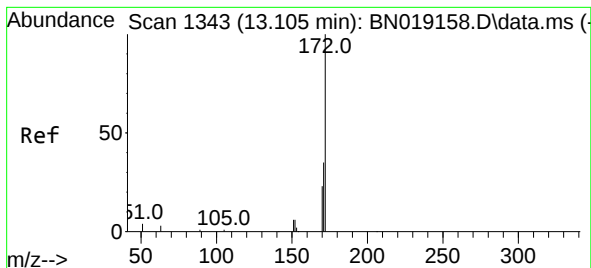
Tgt Ion:164 Resp: 8109
Ion Ratio Lower Upper
164 100
162 98.9 85.2 127.8
160 61.3 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.412 ng
RT: 15.974 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BN019188.D
Acq: 26 Mar 2022 12:08

Tgt Ion:330 Resp: 1625
Ion Ratio Lower Upper
330 100
332 96.2 76.8 115.2
141 58.3 32.2 48.2#





#15

2-Fluorobiphenyl

Concen: 0.285 ng

RT: 13.105 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN019188.D

Acq: 26 Mar 2022 12:08

Instrument :

BNA_N

ClientSampleId :

MW-49

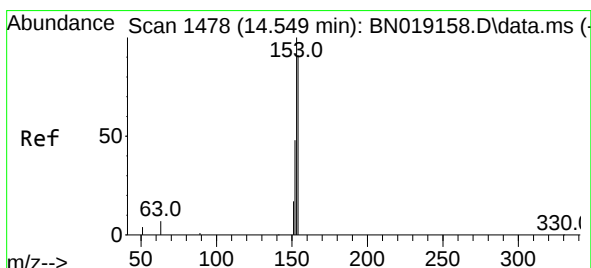
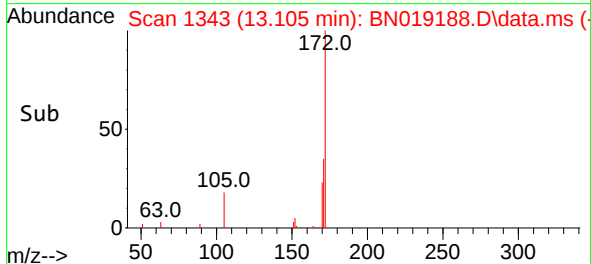
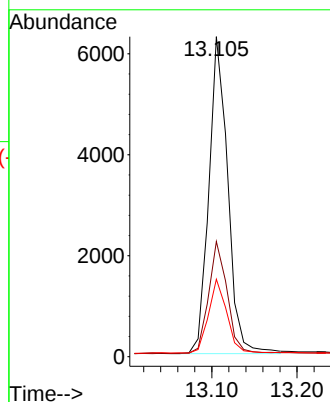
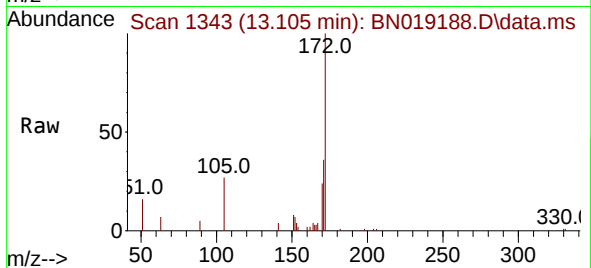
Tgt Ion:172 Resp: 9695

Ion Ratio Lower Upper

172 100

171 36.0 28.2 42.2

170 24.2 18.7 28.1



#17

Acenaphthene

Concen: 0.022 ng

RT: 14.538 min Scan# 1477

Delta R.T. -0.011 min

Lab File: BN019188.D

Acq: 26 Mar 2022 12:08

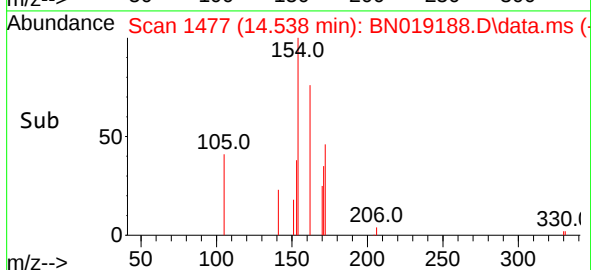
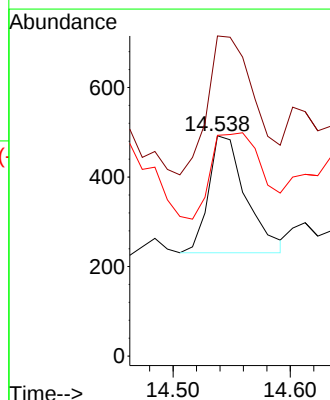
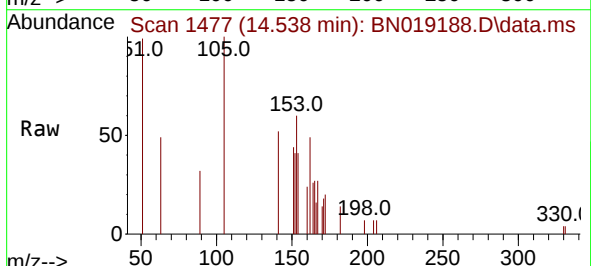
Tgt Ion:154 Resp: 580

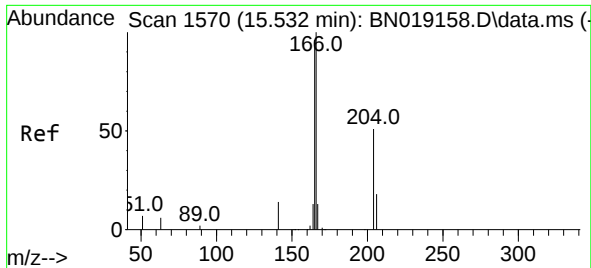
Ion Ratio Lower Upper

154 100

153 149.8 89.7 134.5#

152 0.0 44.7 67.1#

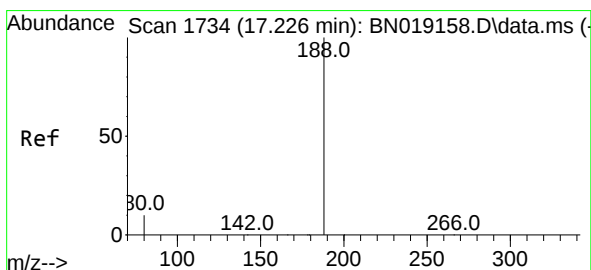
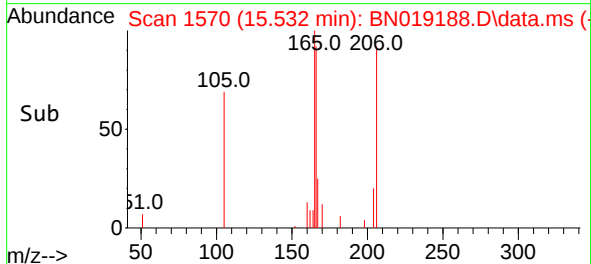
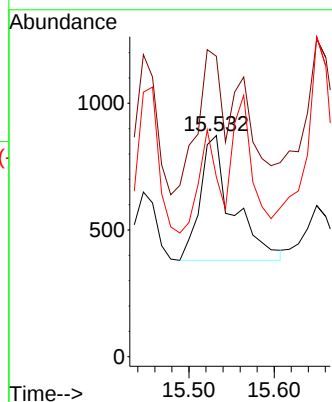
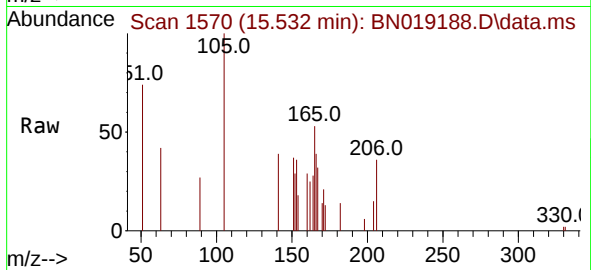




#18
 Fluorene
 Concen: 0.039 ng
 RT: 15.532 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN019188.D
 Acq: 26 Mar 2022 12:08

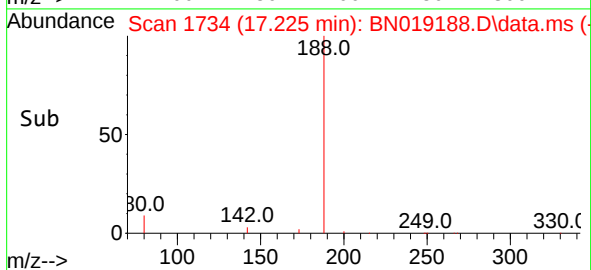
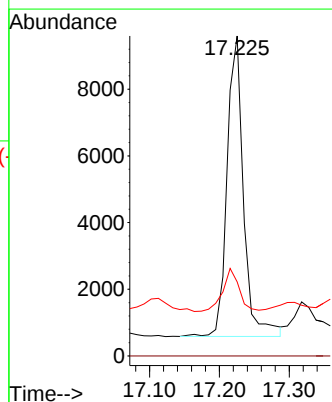
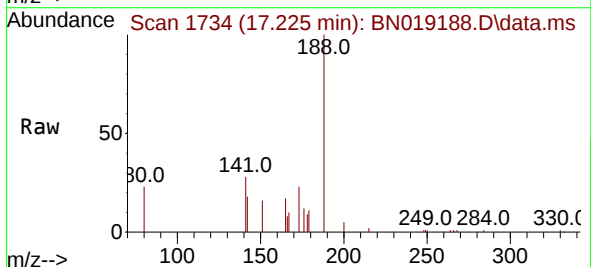
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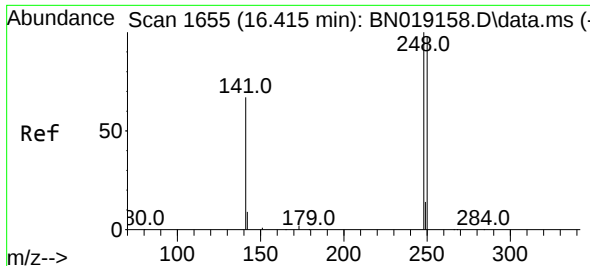
Tgt Ion:166 Resp: 1306
 Ion Ratio Lower Upper
 166 100
 165 88.4 79.2 118.8
 167 46.9 10.7 16.1#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.225 min Scan# 1734
 Delta R.T. -0.000 min
 Lab File: BN019188.D
 Acq: 26 Mar 2022 12:08

Tgt Ion:188 Resp: 14754
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 23.2 11.8 17.8#

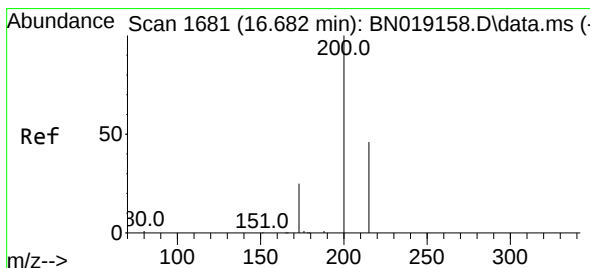
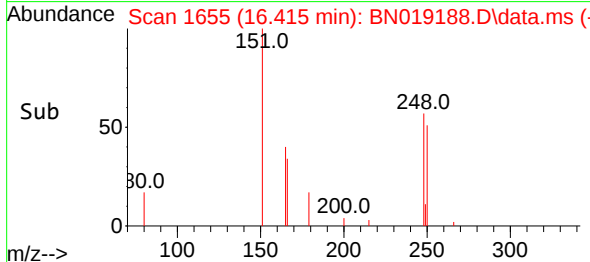
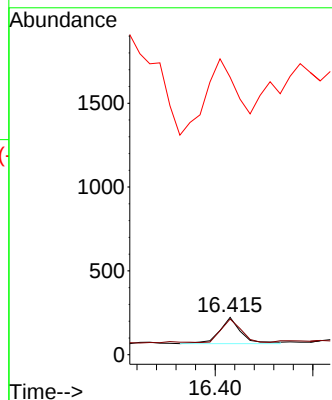
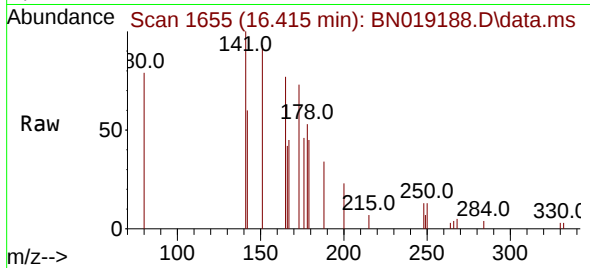




#21
4-Bromophenyl-phenylether
Concen: 0.025 ng
RT: 16.415 min Scan# 1655
Delta R.T. -0.000 min
Lab File: BN019188.D
Acq: 26 Mar 2022 12:08

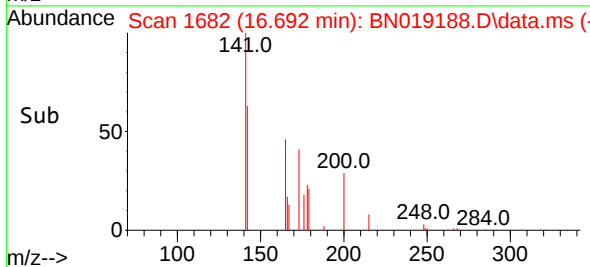
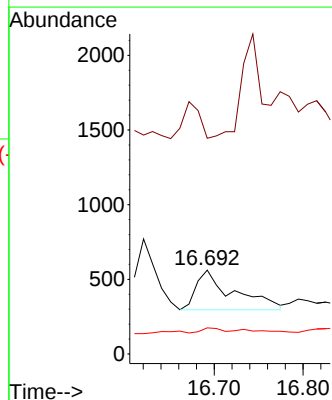
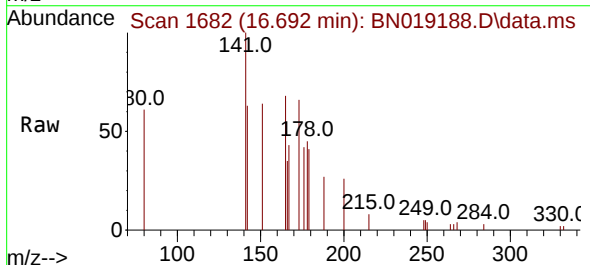
Instrument :
BNA_N
ClientSampleId :
MW-49

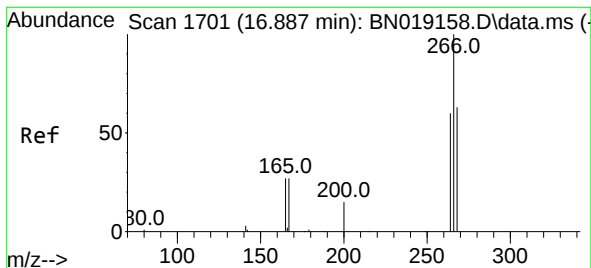
Tgt Ion:248 Resp: 240
Ion Ratio Lower Upper
248 100
250 95.5 80.7 121.1
141 742.2 39.6 59.4#



#23
Atrazine
Concen: 0.116 ng
RT: 16.692 min Scan# 1682
Delta R.T. 0.010 min
Lab File: BN019188.D
Acq: 26 Mar 2022 12:08

Tgt Ion:200 Resp: 774
Ion Ratio Lower Upper
200 100
173 257.1 23.9 35.9#
215 31.1 36.6 54.8#





#24

Pentachlorophenol

Concen: 0.060 ng

RT: 16.877 min Scan# 1701

Delta R.T. -0.010 min

Lab File: BN019188.D

Acq: 26 Mar 2022 12:08

Instrument :

BNA_N

ClientSampleId :

MW-49

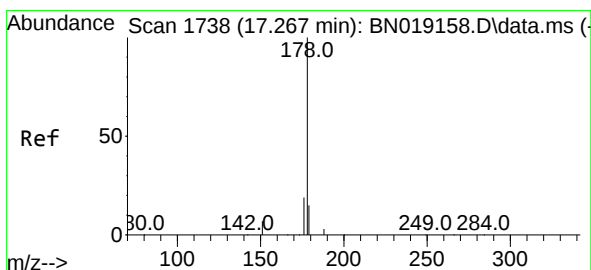
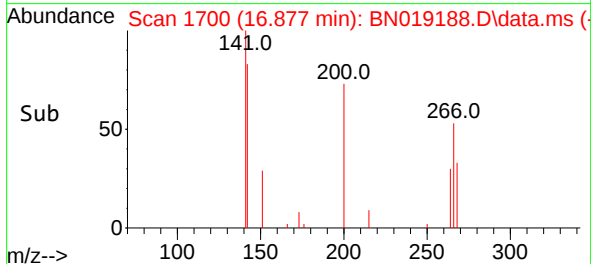
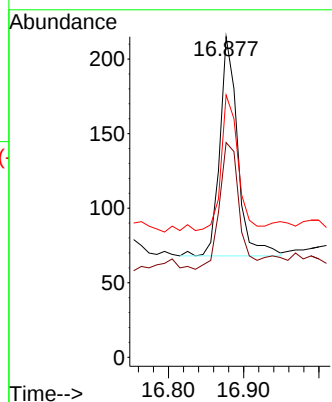
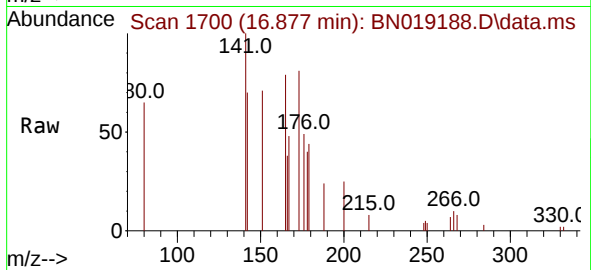
Tgt Ion:266 Resp: 242

Ion Ratio Lower Upper

266 100

264 63.6 50.2 75.4

268 58.3 51.9 77.9



#25

Phenanthrene

Concen: 0.080 ng

RT: 17.267 min Scan# 1738

Delta R.T. -0.000 min

Lab File: BN019188.D

Acq: 26 Mar 2022 12:08

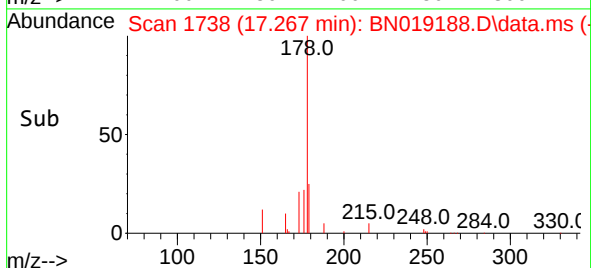
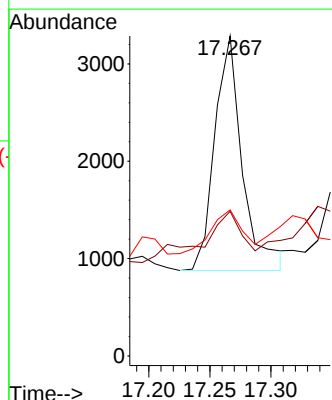
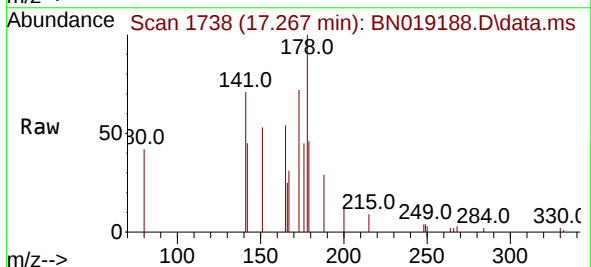
Tgt Ion:178 Resp: 3786

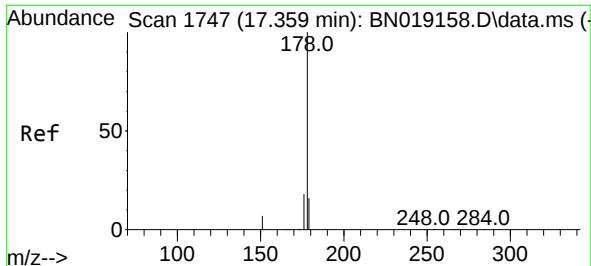
Ion Ratio Lower Upper

178 100

176 33.1 15.4 23.0#

179 21.3 12.2 18.2#

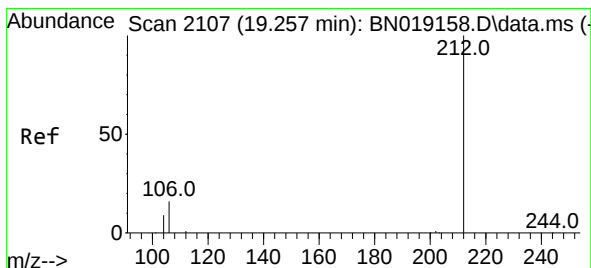
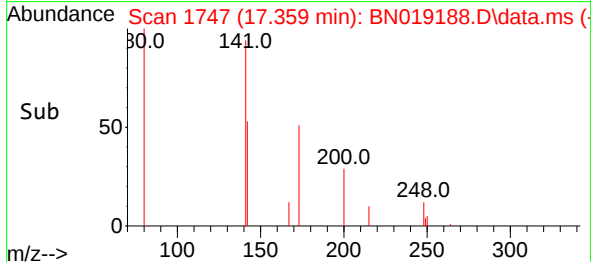
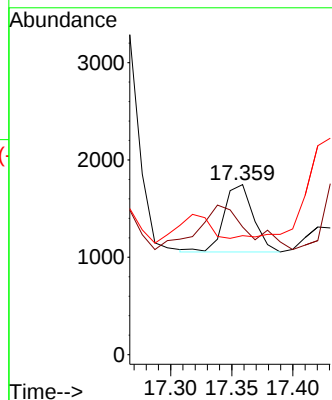
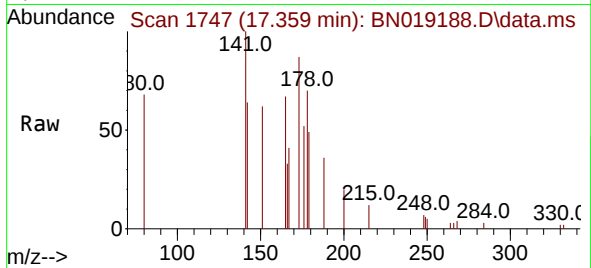




#26
 Anthracene
 Concen: 0.030 ng
 RT: 17.359 min Scan# 1159
 Delta R.T. -0.000 min
 Lab File: BN019188.D
 Acq: 26 Mar 2022 12:08

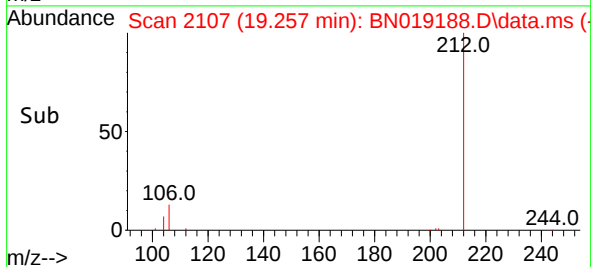
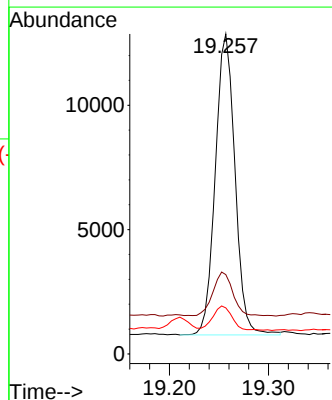
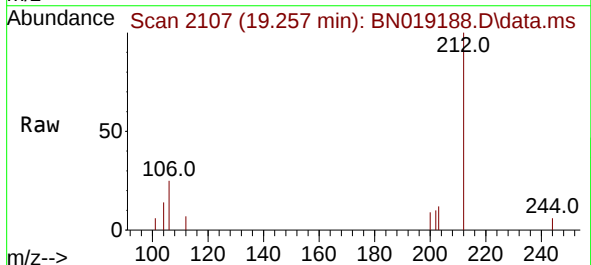
Instrument :
 BNA_N
 ClientSampleId :
 MW-49

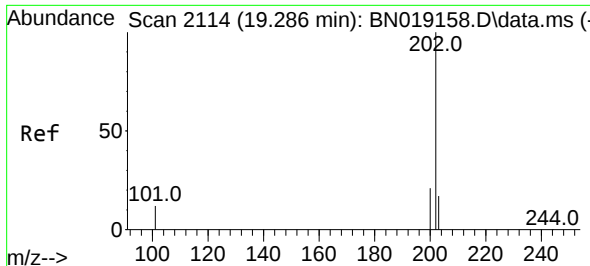
Tgt Ion:178 Resp: 1159
 Ion Ratio Lower Upper
 178 100
 176 0.0 14.8 22.2#
 179 0.0 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.386 ng
 RT: 19.257 min Scan# 2107
 Delta R.T. -0.000 min
 Lab File: BN019188.D
 Acq: 26 Mar 2022 12:08

Tgt Ion:212 Resp: 16653
 Ion Ratio Lower Upper
 212 100
 106 14.8 12.7 19.1
 104 8.0 7.1 10.7

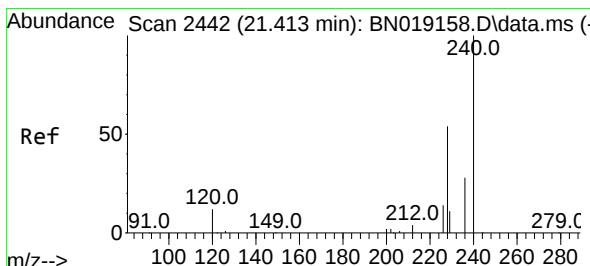
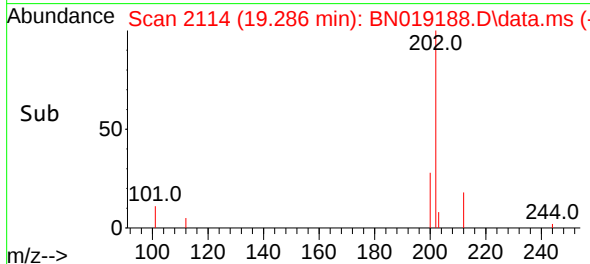
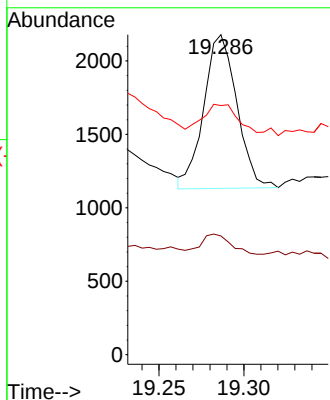
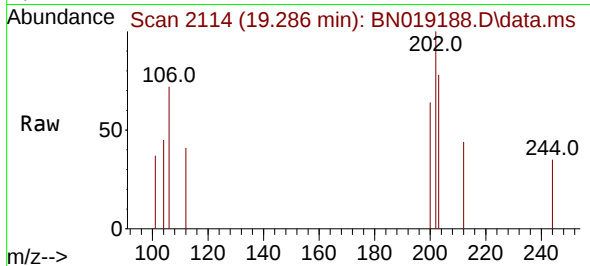




#28
Fluoranthene
Concen: 0.026 ng
RT: 19.286 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BN019188.D
Acq: 26 Mar 2022 12:08

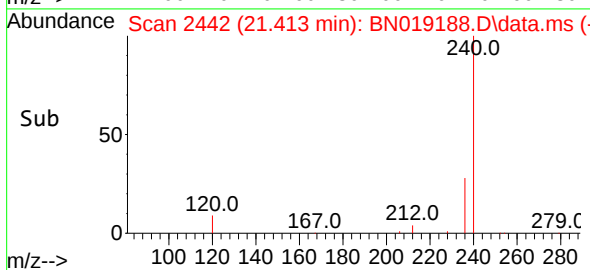
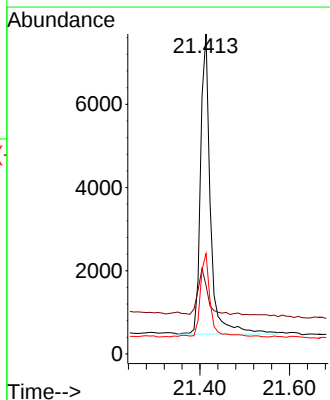
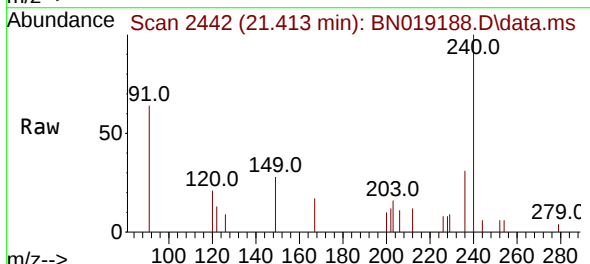
Instrument :
BNA_N
ClientSampleId :
MW-49

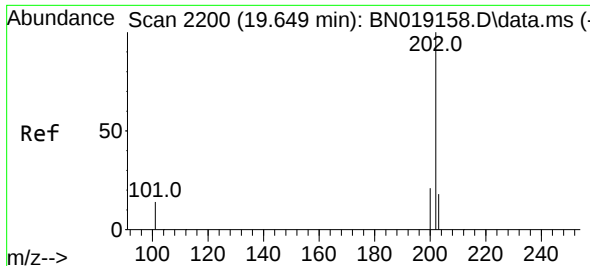
Tgt Ion:202 Resp: 1416
Ion Ratio Lower Upper
202 100
101 12.4 9.8 14.6
203 19.0 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN019188.D
Acq: 26 Mar 2022 12:08

Tgt Ion:240 Resp: 11118
Ion Ratio Lower Upper
240 100
120 21.4 8.5 12.7#
236 31.4 22.4 33.6

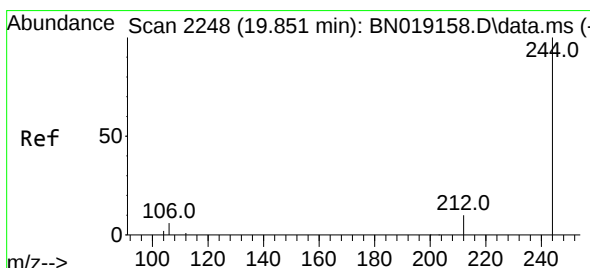
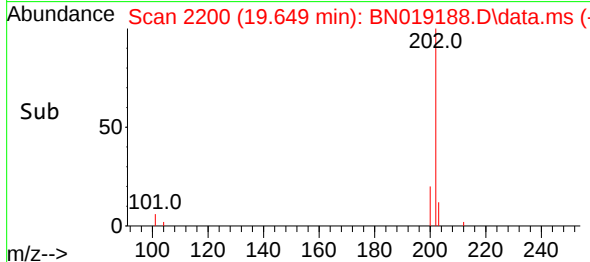
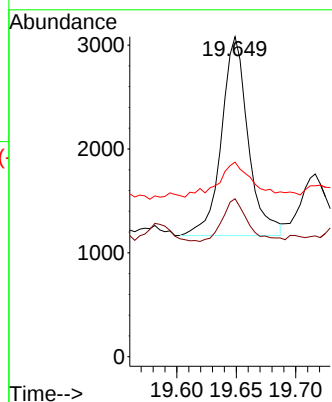
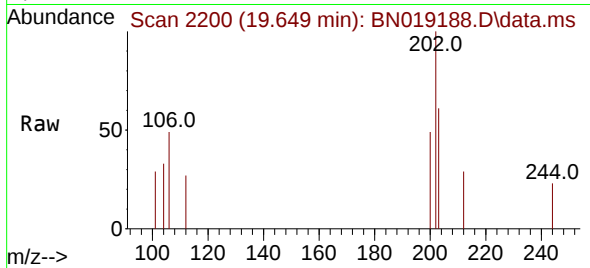




#30
Pyrene
Concen: 0.057 ng
RT: 19.649 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN019188.D
Acq: 26 Mar 2022 12:08

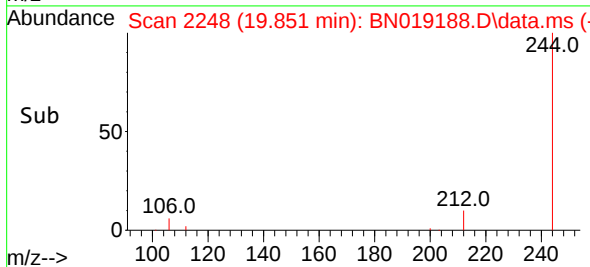
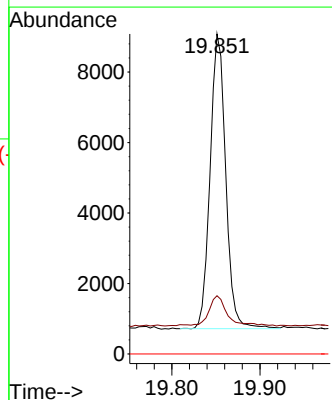
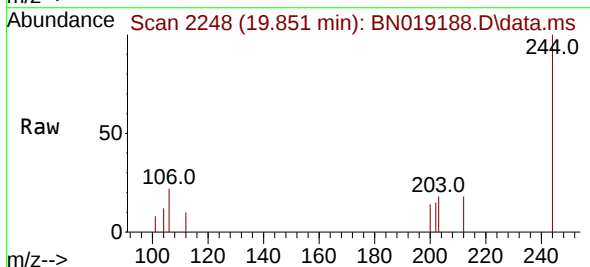
Instrument :
BNA_N
ClientSampleId :
MW-49

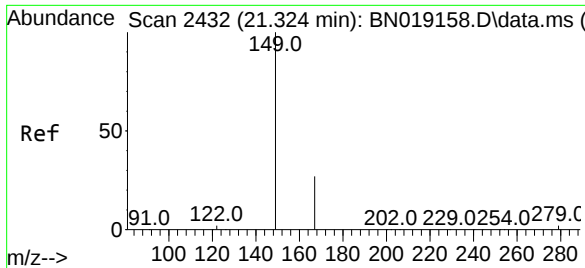
Tgt Ion:202 Resp: 2982
Ion Ratio Lower Upper
202 100
200 20.2 16.9 25.3
203 23.1 14.2 21.2#



#31
Terphenyl-d14
Concen: 0.415 ng
RT: 19.851 min Scan# 2248
Delta R.T. -0.000 min
Lab File: BN019188.D
Acq: 26 Mar 2022 12:08

Tgt Ion:244 Resp: 10291
Ion Ratio Lower Upper
244 100
212 18.2 8.2 12.4#
122 0.0 0.0 0.0

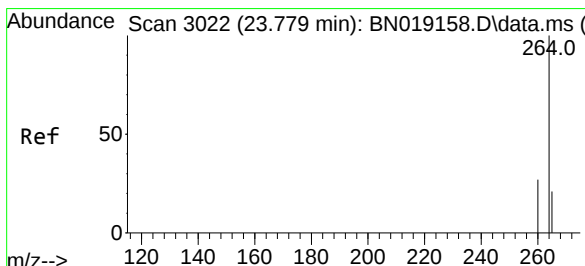
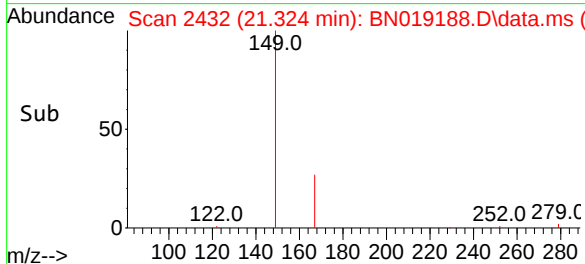
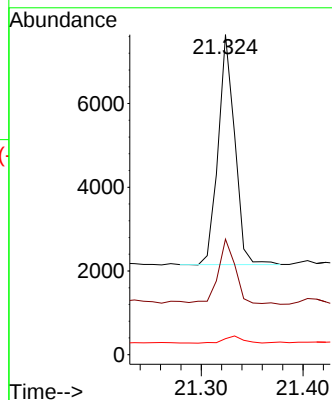
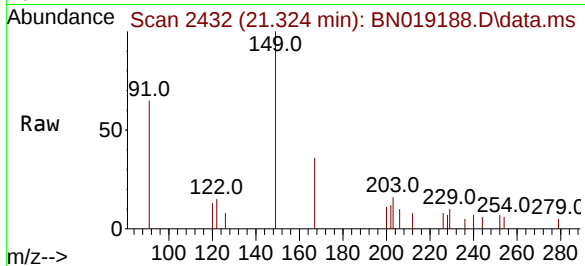




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.285 ng
 RT: 21.324 min Scan# 2432
 Delta R.T. -0.000 min
 Lab File: BN019188.D
 Acq: 26 Mar 2022 12:08

Instrument :
 BNA_N
 ClientSampleId :
 MW-49

Tgt Ion:149 Resp: 6208
 Ion Ratio Lower Upper
 149 100
 167 29.6 21.8 32.8
 279 3.5 2.0 3.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.776 min Scan# 3021
 Delta R.T. -0.003 min
 Lab File: BN019188.D
 Acq: 26 Mar 2022 12:08

Tgt Ion:264 Resp: 9921
 Ion Ratio Lower Upper
 264 100
 260 29.2 22.4 33.6
 265 48.7 25.3 37.9#

