

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
 Data File : BN021746.D
 Acq On : 14 Sep 2022 14:25
 Operator : CG/JU
 Sample : N4549-18
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-62

Quant Time: Sep 15 02:09:52 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 01:55:04 2022
 Response via : Initial Calibration

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

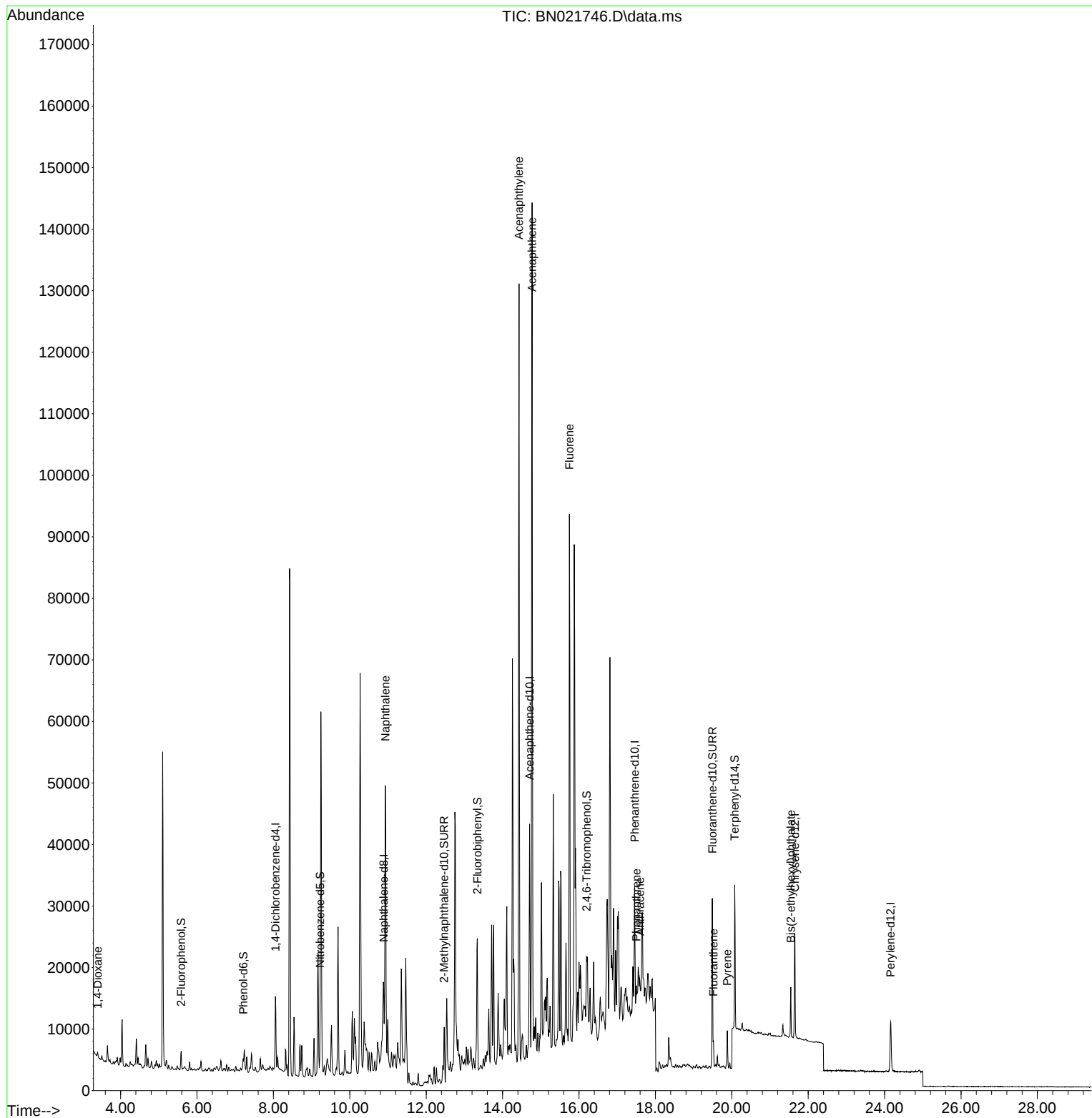
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	5378	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	18202	0.400	ng	0.00
13) Acenaphthene-d10	14.707	164	12145	0.400	ng	# 0.00
19) Phenanthrene-d10	17.456	188	23478	0.400	ng	0.00
29) Chrysene-d12	21.652	240	16465	0.400	ng	0.00
35) Perylene-d12	24.156	264	12295	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.585	112	2586	0.184	ng	0.00
5) Phenol-d6	7.210	99	1932	0.108	ng	0.00
8) Nitrobenzene-d5	9.222	82	5262	0.350	ng	-0.01
11) 2-Methylnaphthalene-d10	12.471	152	13239	0.288	ng	0.00
14) 2,4,6-Tribromophenol	16.197	330	2706	0.487	ng	-0.01
15) 2-Fluorobiphenyl	13.339	172	19714	0.398	ng	0.00
27) Fluoranthene-d10	19.490	212	28582	0.452	ng	0.00
31) Terphenyl-d14	20.076	244	20021	0.532	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.403	88	323	0.046	ng	# 1
9) Naphthalene	10.930	128	49801	0.927	ng	# 94
16) Acenaphthylene	14.429	152	15252	0.263	ng	# 1
17) Acenaphthene	14.771	154	67920	1.714	ng	# 99
18) Fluorene	15.747	166	58785	1.116	ng	# 98
25) Phenanthrene	17.502	178	2067	0.026	ng	# 68
26) Anthracene	17.594	178	6966	0.104	ng	# 68
28) Fluoranthene	19.519	202	3527	0.042	ng	# 96
30) Pyrene	19.882	202	5161	0.063	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.544	149	7374	0.175	ng	# 98

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

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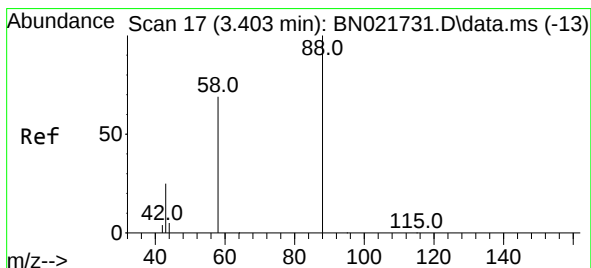
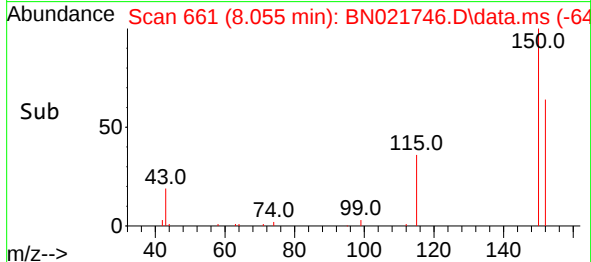
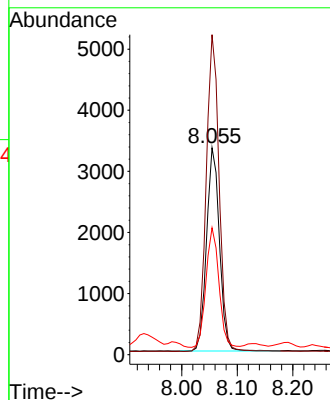
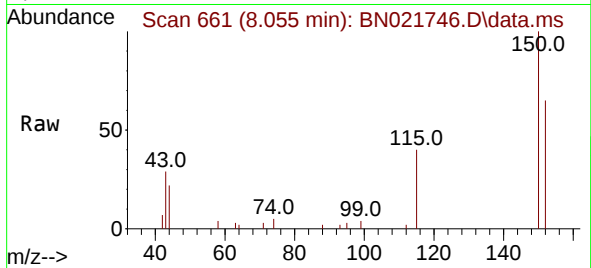




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.055 min Scan# 662
 Delta R.T. -0.007 min
 Lab File: BN021746.D
 Acq: 14 Sep 2022 14:25

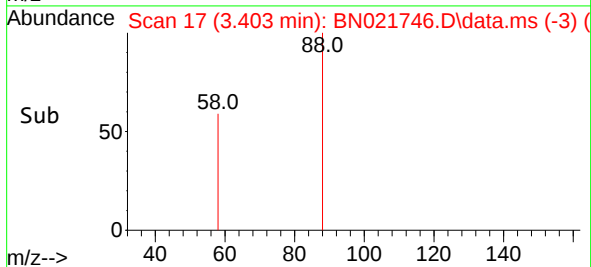
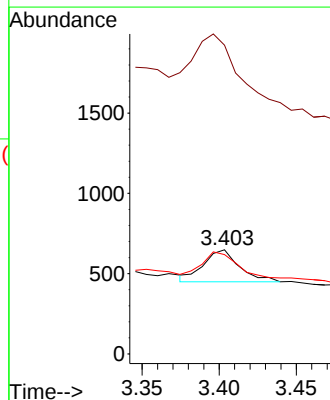
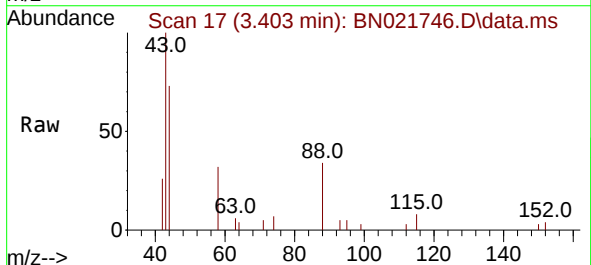
Instrument :
 BNA_N
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 MW-62

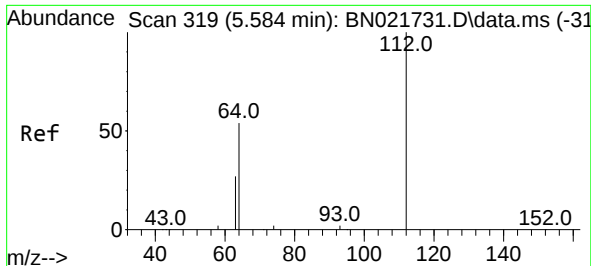
Tgt Ion:152 Resp: 5378
 Ion Ratio Lower Upper
 152 100
 150 154.7 121.8 182.8
 115 61.3 48.3 72.5



#2
 1,4-Dioxane
 Concen: 0.046 ng
 RT: 3.403 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN021746.D
 Acq: 14 Sep 2022 14:25

Tgt Ion: 88 Resp: 323
 Ion Ratio Lower Upper
 88 100
 43 267.8 24.2 36.2#
 58 78.9 60.2 90.4

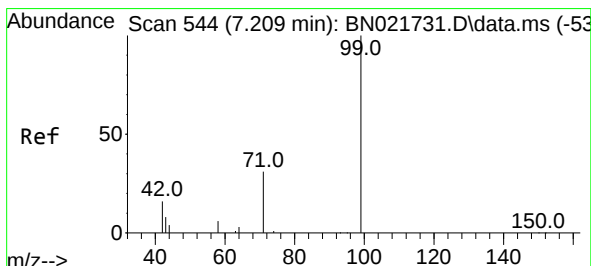
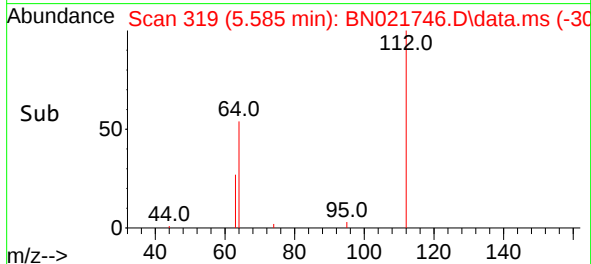
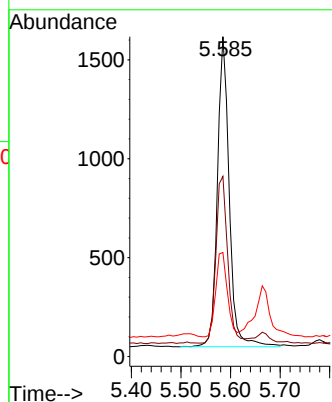
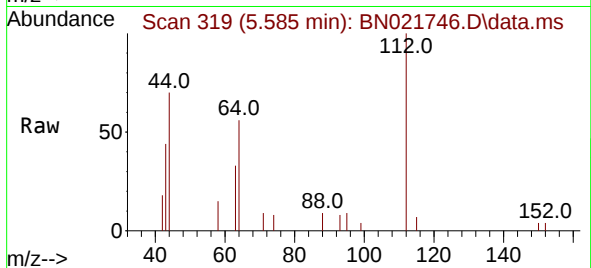




#4
2-Fluorophenol
Concen: 0.184 ng
RT: 5.585 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN021746.D
Acq: 14 Sep 2022 14:25

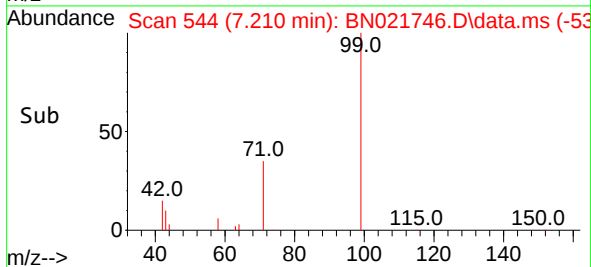
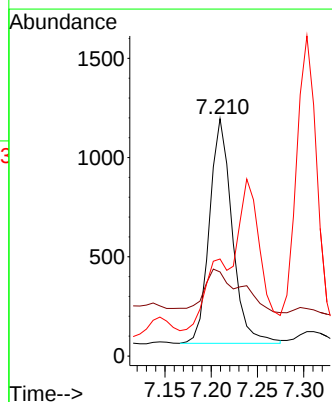
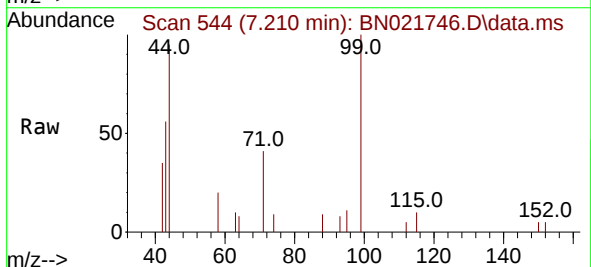
Instrument :
BNA_N
ClientSampleId :
MW-62

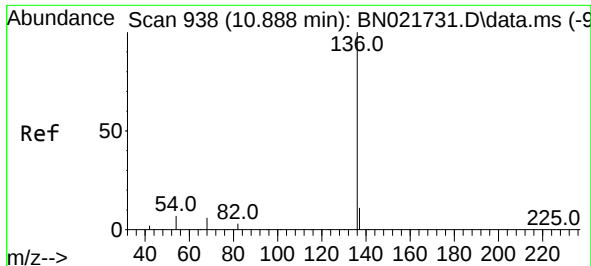
Tgt Ion: 112 Resp: 2586
Ion Ratio Lower Upper
112 100
64 53.7 45.4 68.2
63 26.9 23.3 34.9



#5
Phenol-d6
Concen: 0.108 ng
RT: 7.210 min Scan# 544
Delta R.T. 0.000 min
Lab File: BN021746.D
Acq: 14 Sep 2022 14:25

Tgt Ion: 99 Resp: 1932
Ion Ratio Lower Upper
99 100
42 30.8 15.1 22.7#
71 0.0 25.3 37.9#

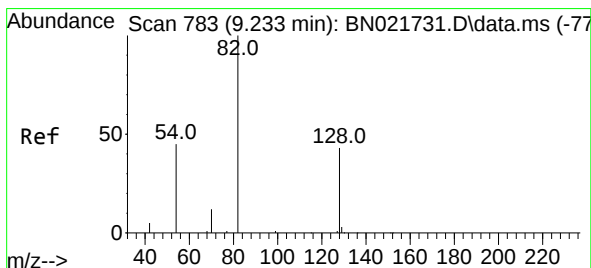
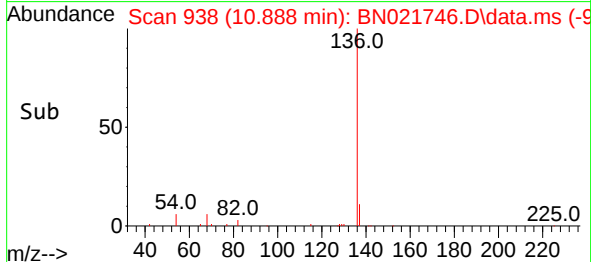
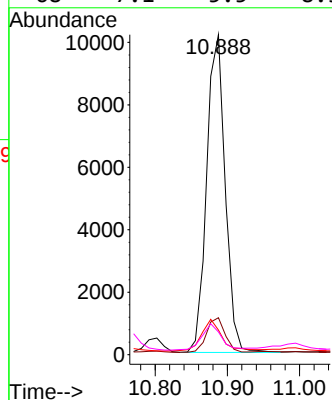
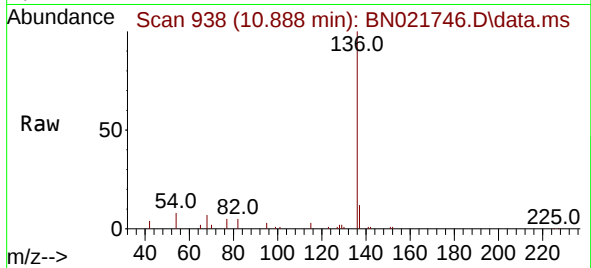




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN021746.D
Acq: 14 Sep 2022 14:25

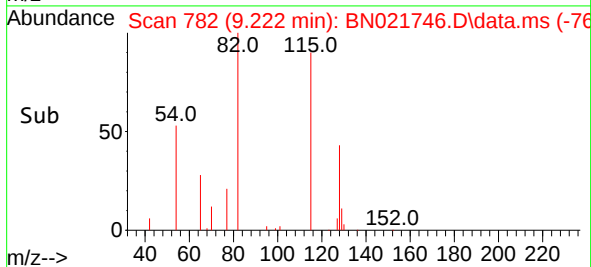
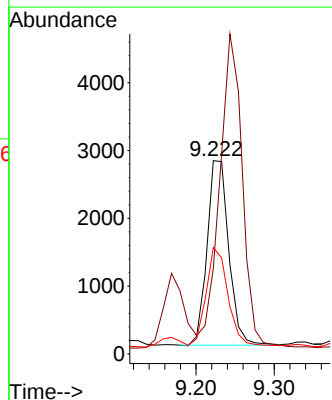
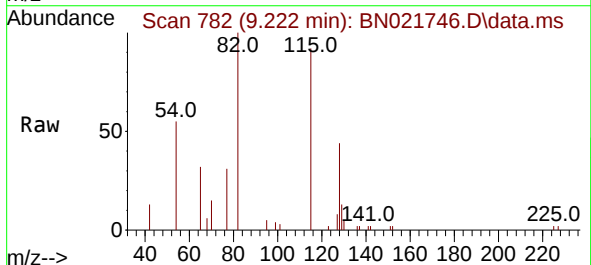
Instrument :
BNA_N
ClientSampleId :
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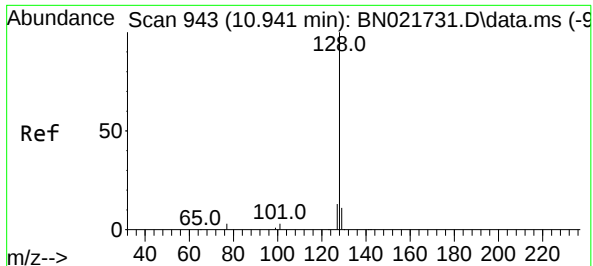
Tgt Ion:	136	Resp:	18202
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.1	13.7
54	7.7	6.4	9.6
68	7.1	5.5	8.3



#8
Nitrobenzene-d5
Concen: 0.350 ng
RT: 9.222 min Scan# 782
Delta R.T. -0.011 min
Lab File: BN021746.D
Acq: 14 Sep 2022 14:25

Tgt Ion:	82	Resp:	5262
Ion Ratio	Lower	Upper	
82	100		
128	44.3	35.6	53.4
54	55.0	37.8	56.8

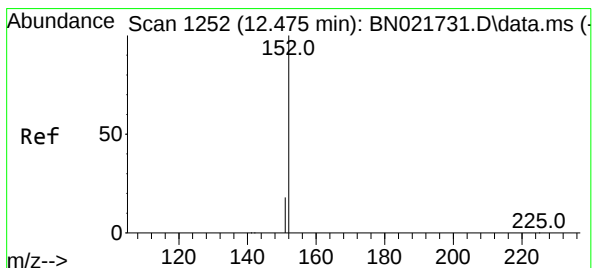
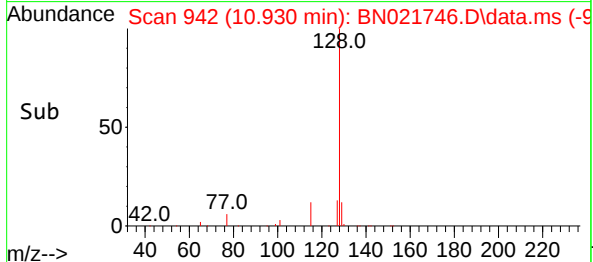
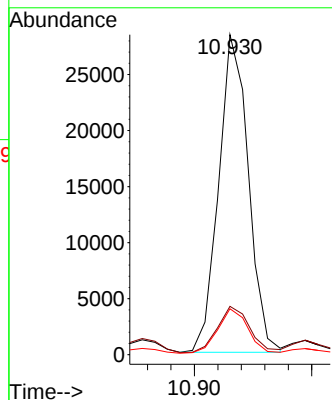
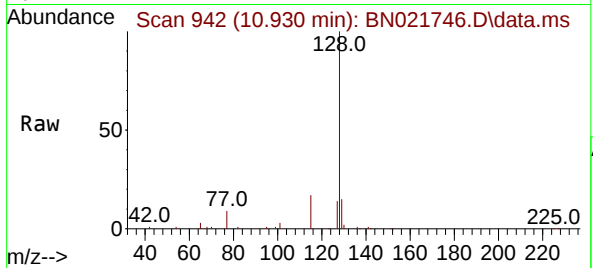




#9
Naphthalene
Concen: 0.927 ng
RT: 10.930 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN021746.D
Acq: 14 Sep 2022 14:25

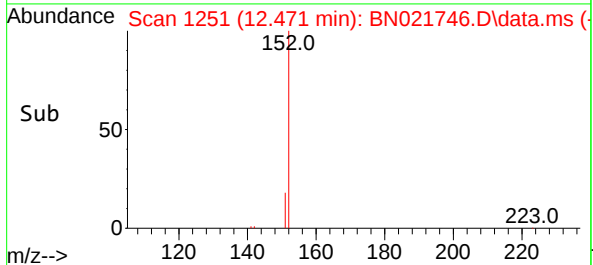
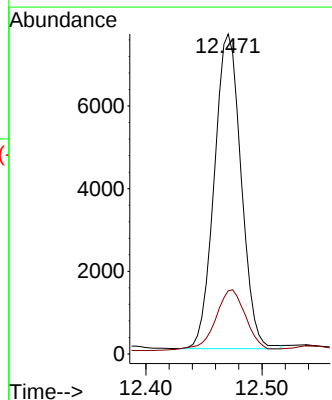
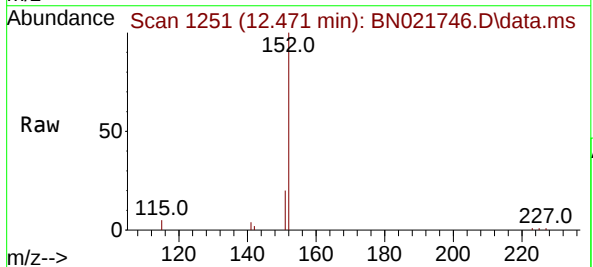
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ClientSampleId :
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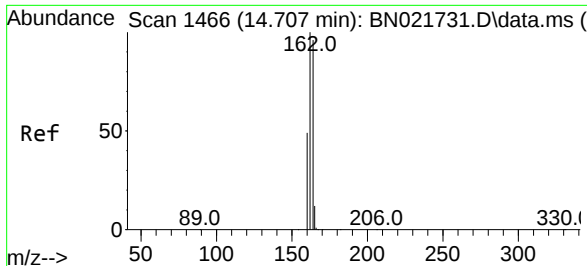
Tgt Ion:128 Resp: 49801
Ion Ratio Lower Upper
128 100
129 15.1 9.2 13.8#
127 14.4 10.5 15.7



#11
2-Methylnaphthalene-d10
Concen: 0.288 ng
RT: 12.471 min Scan# 1251
Delta R.T. -0.004 min
Lab File: BN021746.D
Acq: 14 Sep 2022 14:25

Tgt Ion:152 Resp: 13239
Ion Ratio Lower Upper
152 100
151 21.7 15.6 23.4

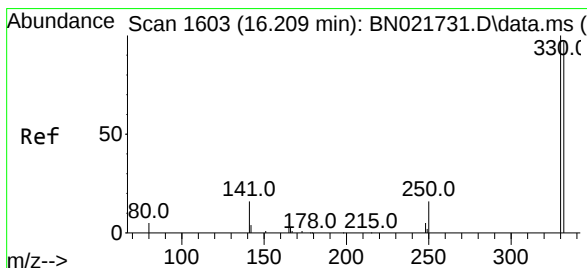
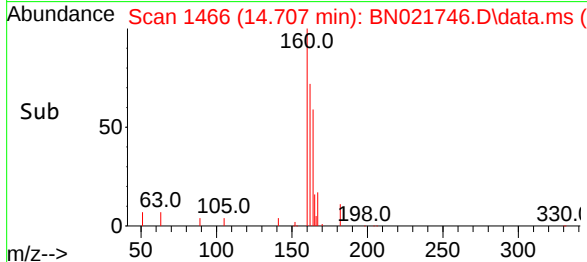
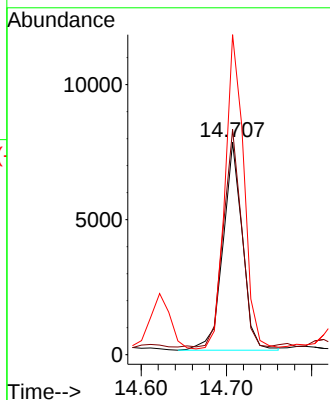
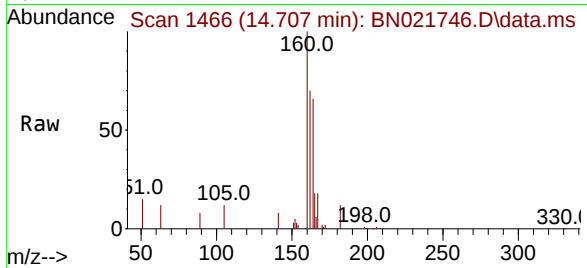




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BN021746.D
Acq: 14 Sep 2022 14:25

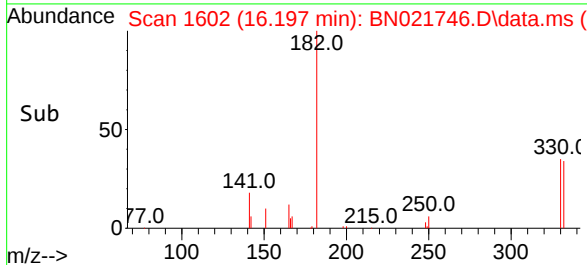
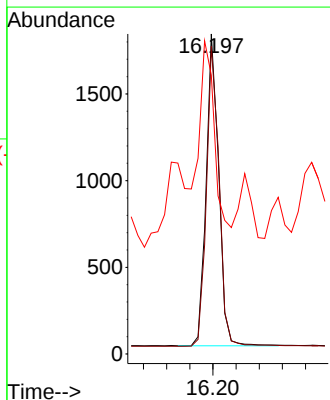
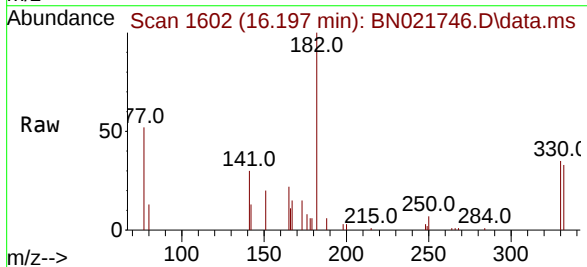
Instrument :
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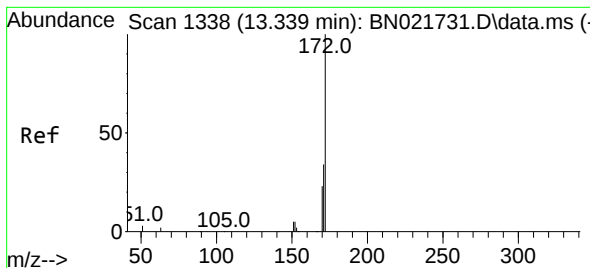
Tgt Ion:164 Resp: 12145
Ion Ratio Lower Upper
164 100
162 106.0 83.2 124.8
160 150.6 40.9 61.3#



#14
2,4,6-Tribromophenol
Concen: 0.487 ng
RT: 16.197 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BN021746.D
Acq: 14 Sep 2022 14:25

Tgt Ion:330 Resp: 2706
Ion Ratio Lower Upper
330 100
332 96.9 76.8 115.2
141 66.1 37.2 55.8#





#15

2-Fluorobiphenyl

Concen: 0.398 ng

RT: 13.339 min Scan# 1338

Delta R.T. 0.000 min

Lab File: BN021746.D

Acq: 14 Sep 2022 14:25

Instrument :

BNA_N

ClientSampleId :

MW-62

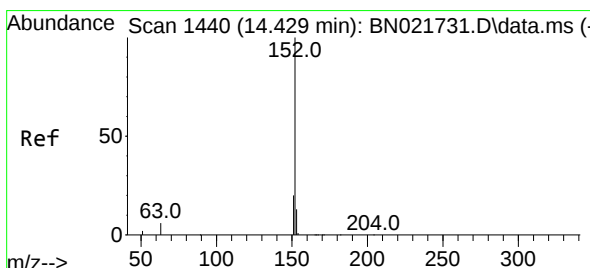
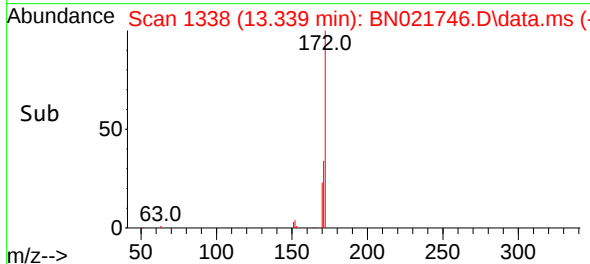
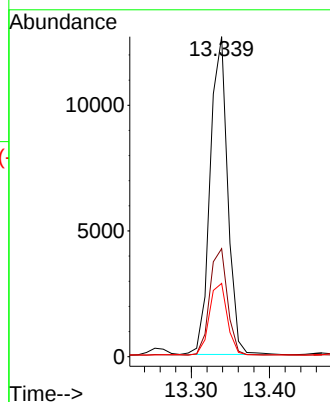
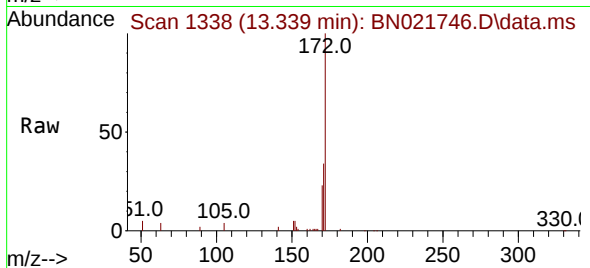
Tgt Ion:172 Resp: 19714

Ion Ratio Lower Upper

172 100

171 33.8 27.7 41.5

170 22.9 18.8 28.2



#16

Acenaphthylene

Concen: 0.263 ng

RT: 14.429 min Scan# 1440

Delta R.T. 0.000 min

Lab File: BN021746.D

Acq: 14 Sep 2022 14:25

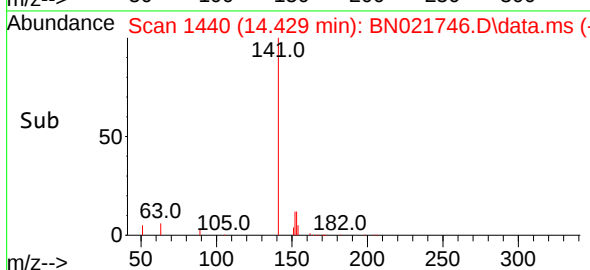
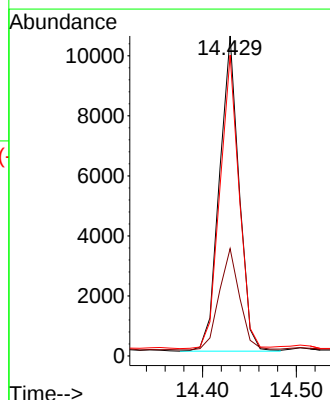
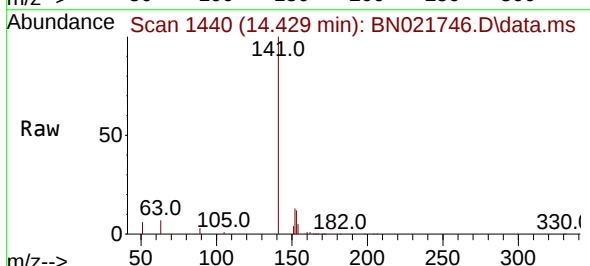
Tgt Ion:152 Resp: 15252

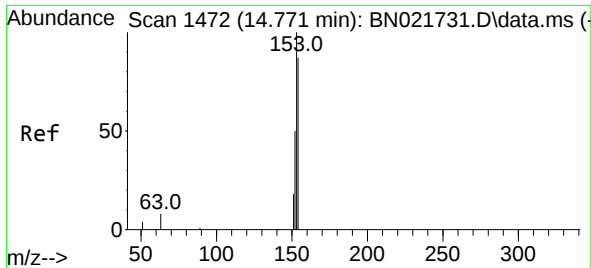
Ion Ratio Lower Upper

152 100

151 33.5 15.4 23.0#

153 91.7 10.3 15.5#

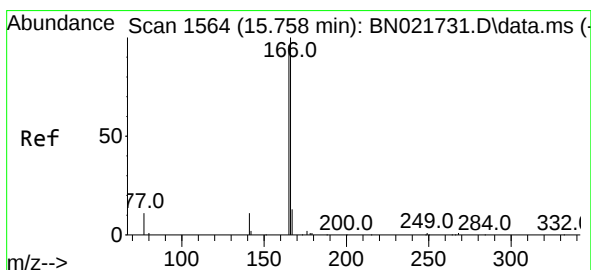
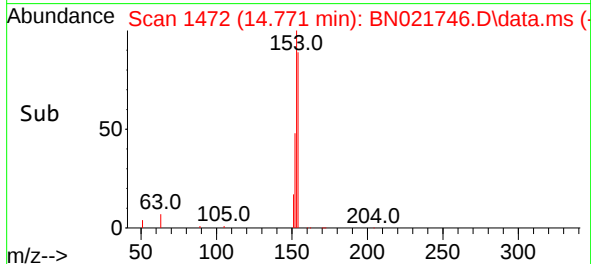
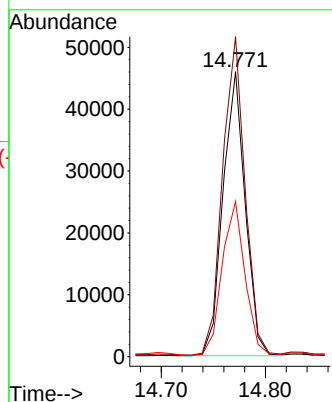
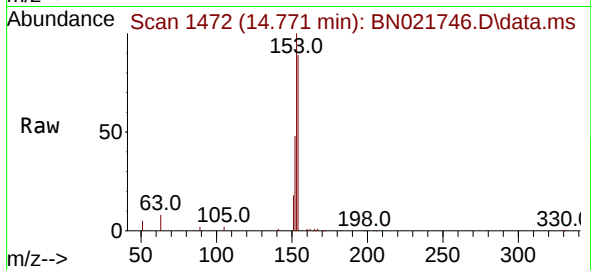




#17
Acenaphthene
Concen: 1.714 ng
RT: 14.771 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BN021746.D
Acq: 14 Sep 2022 14:25

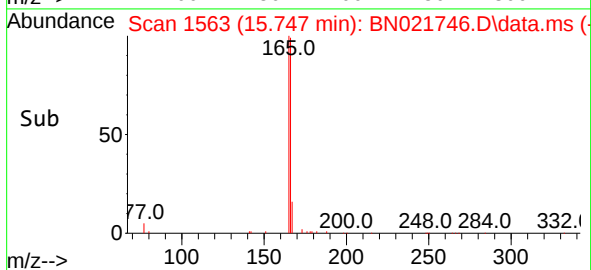
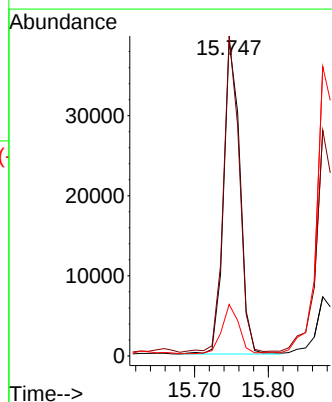
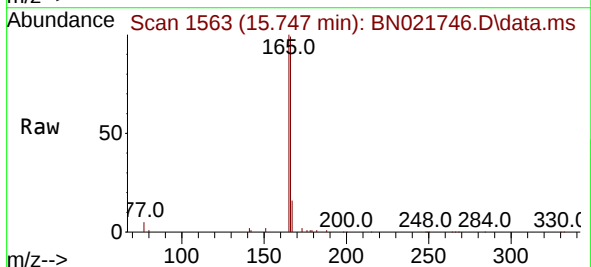
Instrument :
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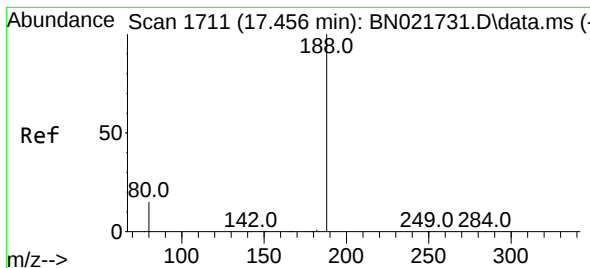
Tgt Ion:154 Resp: 67920
Ion Ratio Lower Upper
154 100
153 113.4 91.0 136.4
152 56.0 46.0 69.0



#18
Fluorene
Concen: 1.116 ng
RT: 15.747 min Scan# 1563
Delta R.T. -0.011 min
Lab File: BN021746.D
Acq: 14 Sep 2022 14:25

Tgt Ion:166 Resp: 58785
Ion Ratio Lower Upper
166 100
165 98.2 79.4 119.0
167 16.6 10.6 15.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.456 min Scan# 1711

Delta R.T. 0.000 min

Lab File: BN021746.D

Acq: 14 Sep 2022 14:25

Instrument :

BNA_N

ClientSampleId :

MW-62

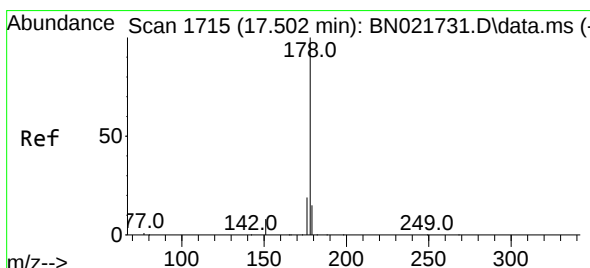
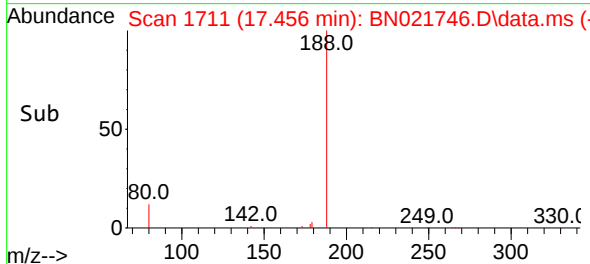
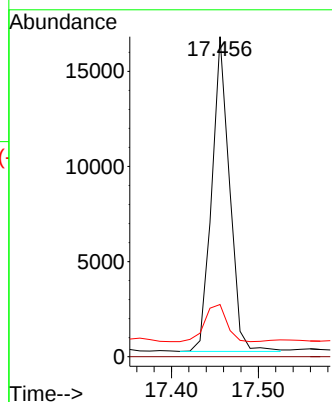
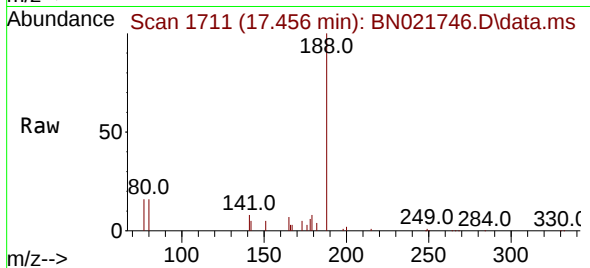
Tgt Ion:188 Resp: 23478

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.3 12.6 19.0



#25

Phenanthrene

Concen: 0.026 ng

RT: 17.502 min Scan# 1715

Delta R.T. 0.000 min

Lab File: BN021746.D

Acq: 14 Sep 2022 14:25

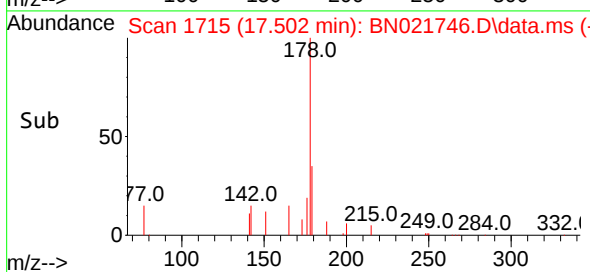
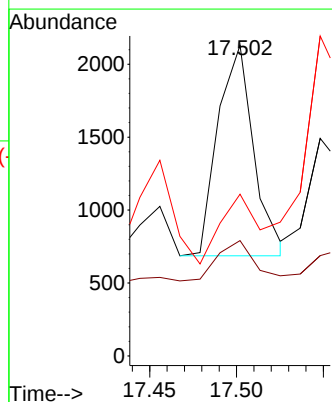
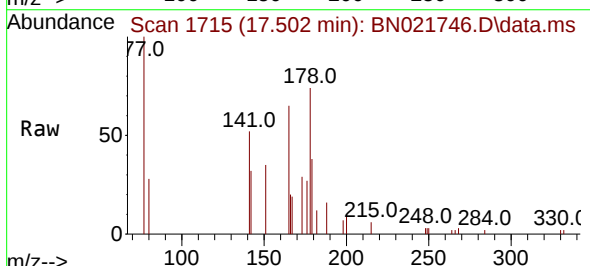
Tgt Ion:178 Resp: 2067

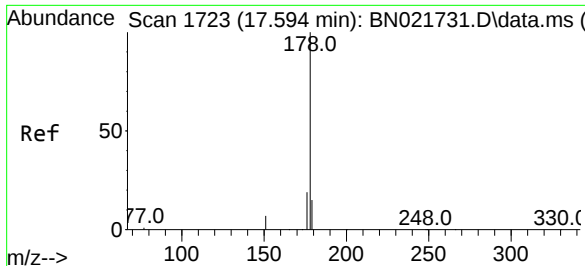
Ion Ratio Lower Upper

178 100

176 29.4 15.3 22.9#

179 33.2 12.2 18.4#

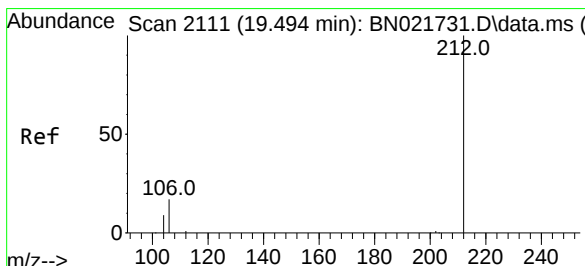
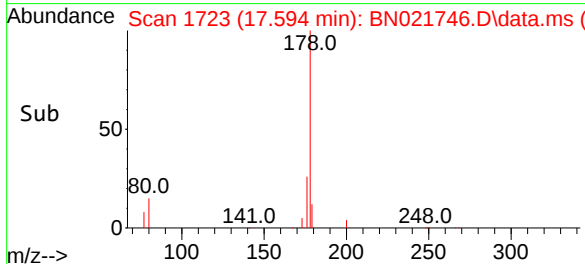
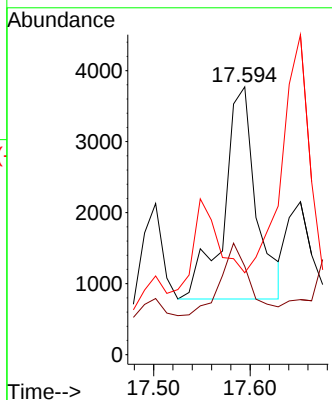
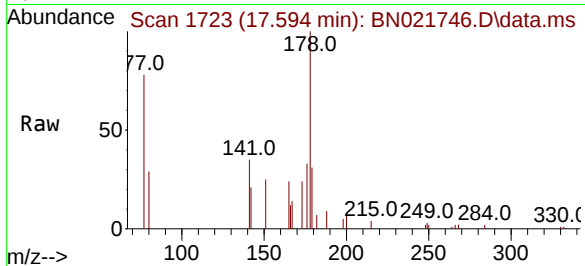




#26
 Anthracene
 Concen: 0.104 ng
 RT: 17.594 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN021746.D
 Acq: 14 Sep 2022 14:25

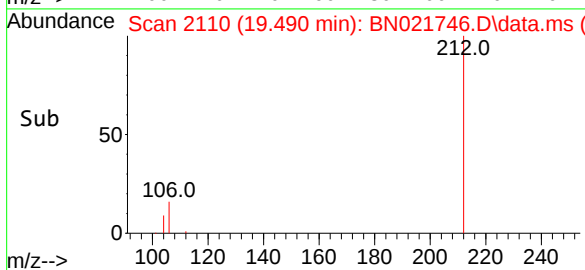
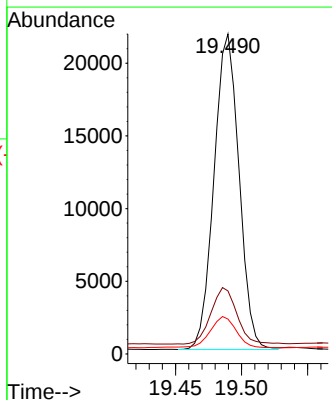
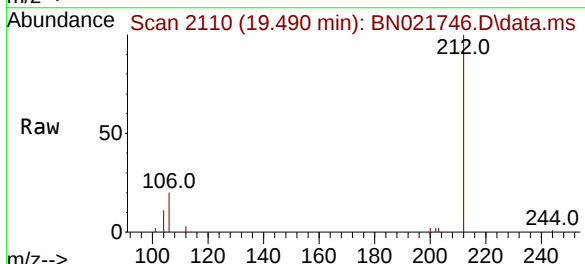
Instrument :
 BNA_N
 ClientSampleId :
 MW-62

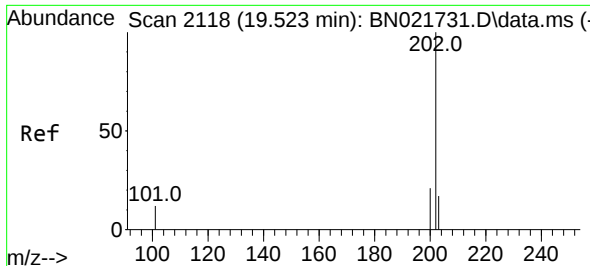
Tgt Ion:178 Resp: 6966
 Ion Ratio Lower Upper
 178 100
 176 31.2 15.0 22.6#
 179 0.0 12.2 18.2#



#27
 Fluoranthene-d10
 Concen: 0.452 ng
 RT: 19.490 min Scan# 2110
 Delta R.T. -0.004 min
 Lab File: BN021746.D
 Acq: 14 Sep 2022 14:25

Tgt Ion:212 Resp: 28582
 Ion Ratio Lower Upper
 212 100
 106 18.5 14.3 21.5
 104 10.5 8.0 12.0

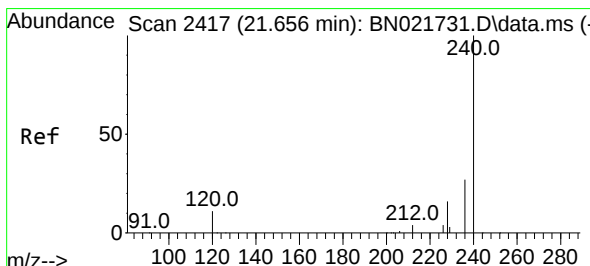
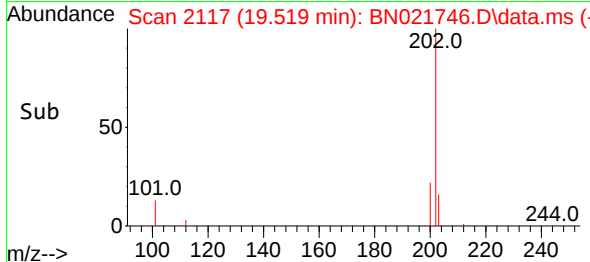
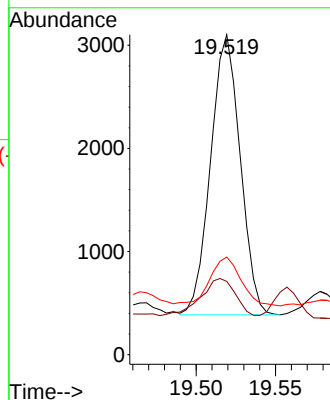
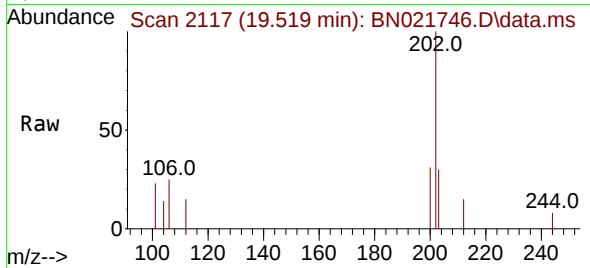




#28
Fluoranthene
Concen: 0.042 ng
RT: 19.519 min Scan# 2117
Delta R.T. -0.004 min
Lab File: BN021746.D
Acq: 14 Sep 2022 14:25

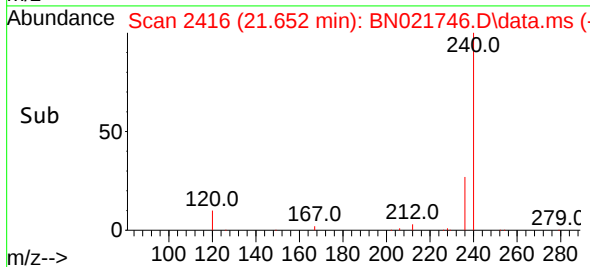
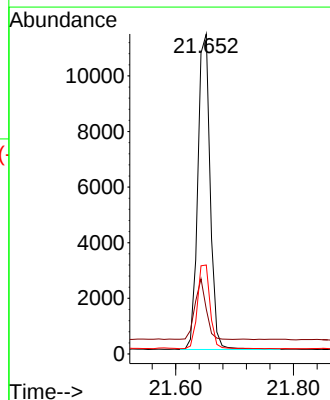
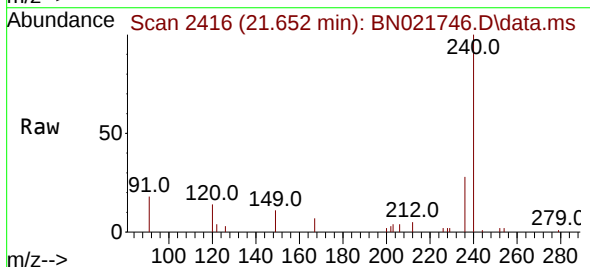
Instrument :
BNA_N
ClientSampleId :
MW-62

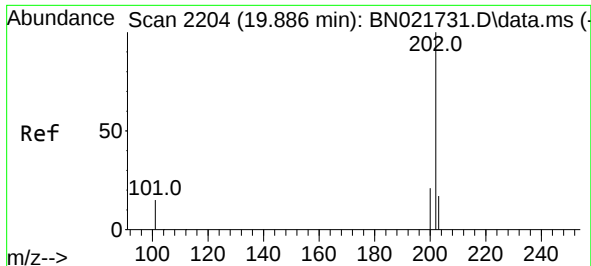
Tgt Ion:	202	Resp:	3527
Ion Ratio	Lower	Upper	
202	100		
101	15.9	11.0	16.4
203	18.3	13.7	20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.652 min Scan# 2416
Delta R.T. -0.004 min
Lab File: BN021746.D
Acq: 14 Sep 2022 14:25

Tgt Ion:	240	Resp:	16465
Ion Ratio	Lower	Upper	
240	100		
120	14.0	9.8	14.8
236	27.8	22.2	33.4





#30

Pyrene

Concen: 0.063 ng

RT: 19.882 min Scan# 21

Delta R.T. -0.004 min

Lab File: BN021746.D

Acq: 14 Sep 2022 14:25

Instrument :

BNA_N

ClientSampleId :

MW-62

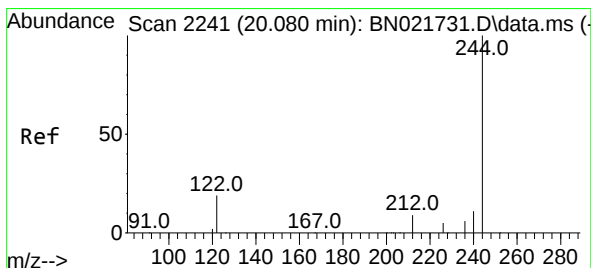
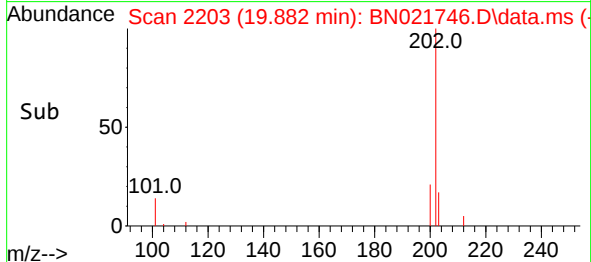
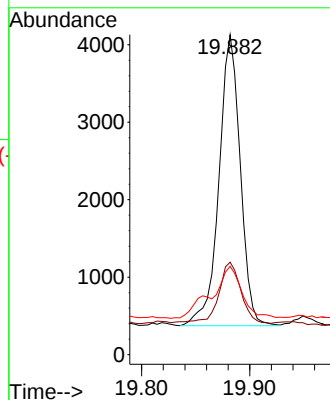
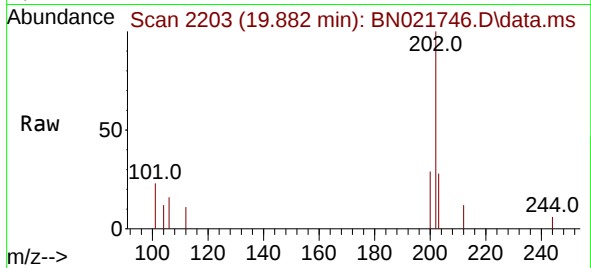
Tgt Ion:202 Resp: 5161

Ion Ratio Lower Upper

202 100

200 23.7 15.0 22.4#

203 17.8 12.8 19.2



#31

Terphenyl-d14

Concen: 0.532 ng

RT: 20.076 min Scan# 2240

Delta R.T. -0.004 min

Lab File: BN021746.D

Acq: 14 Sep 2022 14:25

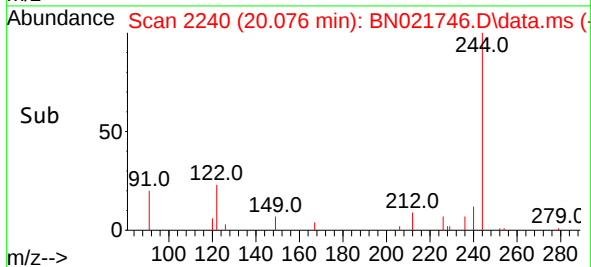
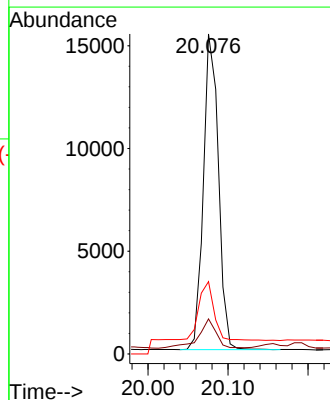
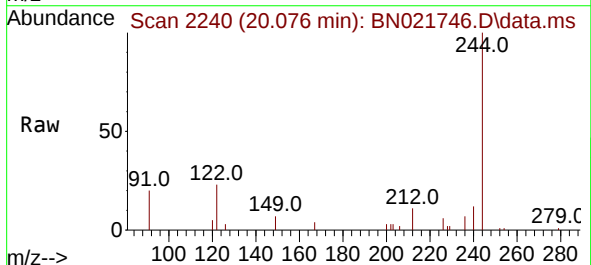
Tgt Ion:244 Resp: 20021

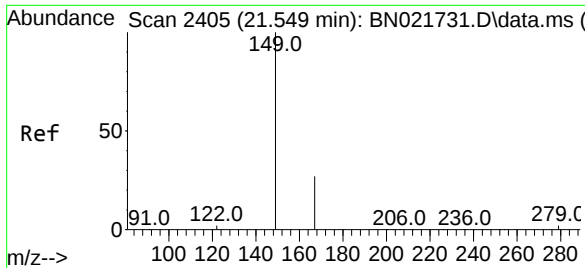
Ion Ratio Lower Upper

244 100

212 11.0 7.9 11.9

122 22.6 15.8 23.8

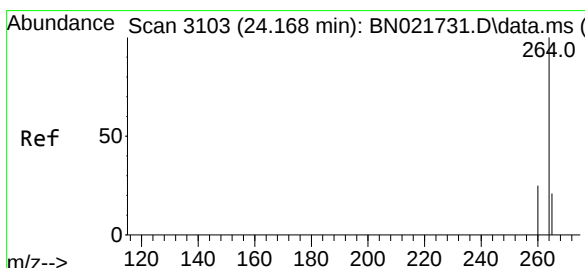
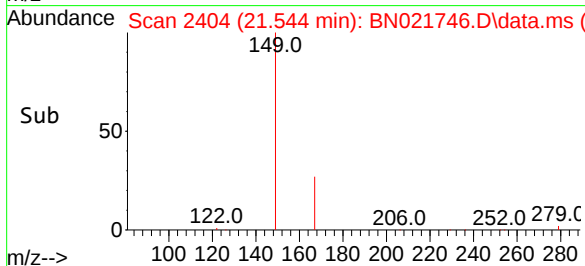
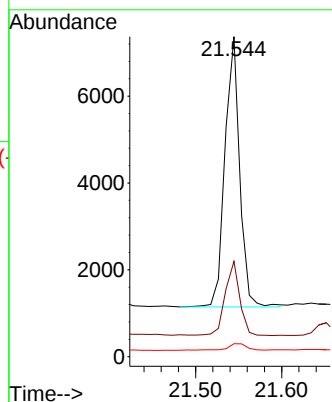
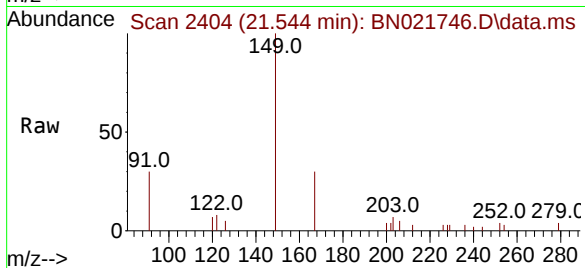




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.175 ng
 RT: 21.544 min Scan# 2404
 Delta R.T. -0.004 min
 Lab File: BN021746.D
 Acq: 14 Sep 2022 14:25

Instrument :
 BNA_N
 ClientSampleId :
 MW-62

Tgt Ion:149 Resp: 7374
 Ion Ratio Lower Upper
 149 100
 167 27.1 20.8 31.2
 279 3.1 2.1 3.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.156 min Scan# 3099
 Delta R.T. -0.013 min
 Lab File: BN021746.D
 Acq: 14 Sep 2022 14:25

Tgt Ion:264 Resp: 12295
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.6 31.0
 265 47.2 34.4 51.6

