

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
 Data File : BN021675.D
 Acq On : 09 Sep 2022 23:56
 Operator : CG/JU
 Sample : N4537-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW2

Quant Time: Sep 10 00:34:00 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 23:19:14 2022
 Response via : Initial Calibration

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

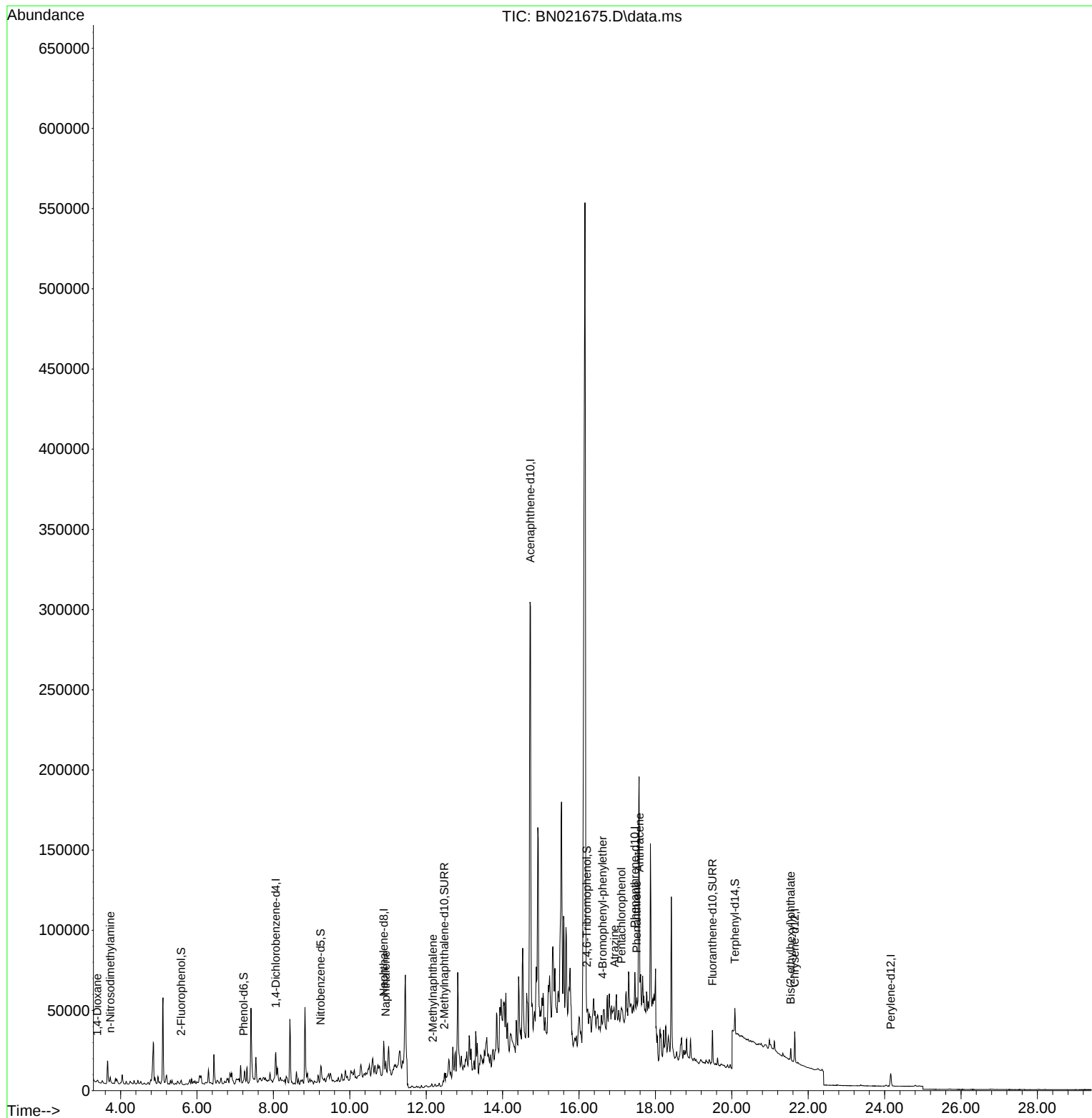
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	6005	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	20669	0.400	ng	#-0.01
13) Acenaphthene-d10	14.729	164	287684	0.400	ng	# 0.01
19) Phenanthrene-d10	17.460	188	20544	0.400	ng	#-0.01
29) Chrysene-d12	21.646	240	15918	0.400	ng	# 0.00
35) Perylene-d12	24.159	264	11476	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2513	0.214	ng	0.00
5) Phenol-d6	7.217	99	1359	0.091	ng	0.00
8) Nitrobenzene-d5	9.233	82	4645	0.333	ng	0.00
11) 2-Methylnaphthalene-d10	12.475	152	11526	0.247	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	2078	0.022	ng	0.00
15) 2-Fluorobiphenyl	13.339	172	13412	0.011	ng	0.00
27) Fluoranthene-d10	19.493	212	21386	0.405	ng	0.00
31) Terphenyl-d14	20.079	244	13352	0.373	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.389	88	193	0.026	ng	# 1
3) n-Nitrosodimethylamine	3.728	42	513	0.076	ng	# 1
9) Naphthalene	10.941	128	5068	0.083	ng	# 69
12) 2-Methylnaphthalene	12.172	142	61	0.133	ng	# 1
21) 4-Bromophenyl-phenylether	16.619	248	464	0.036	ng	# 1
23) Atrazine	16.926	200	2374	0.316	ng	# 1
24) Pentachlorophenol	17.111	266	84	0.220	ng	88
25) Phenanthrene	17.511	178	1698	0.024	ng	# 1
26) Anthracene	17.583	178	4482	0.080	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.539	149	7925	0.355	ng	94

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

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Misc :
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Quant Time: Sep 10 00:34:00 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
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QLast Update : Fri Sep 09 23:19:14 2022
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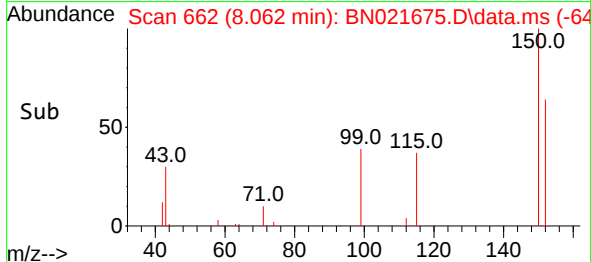
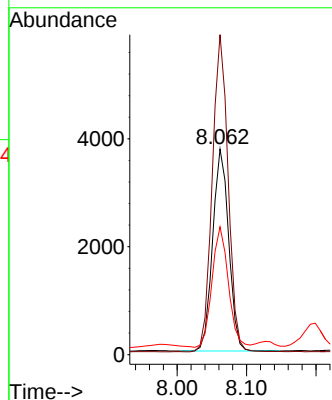
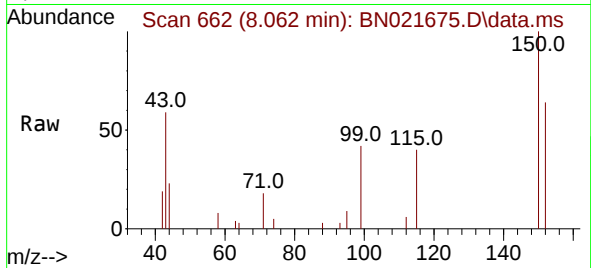




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.062 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BN021675.D
 Acq: 09 Sep 2022 23:56

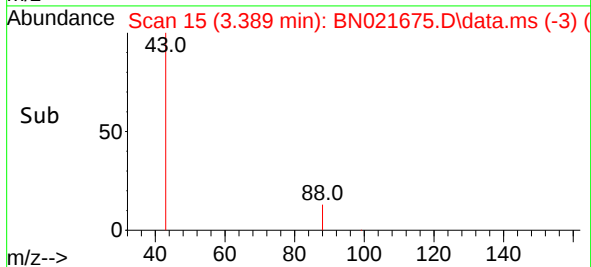
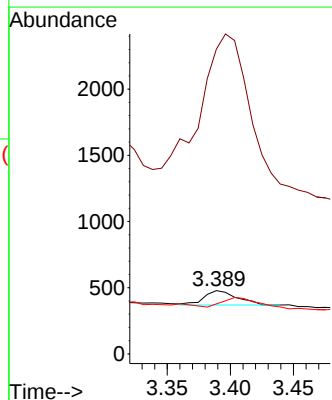
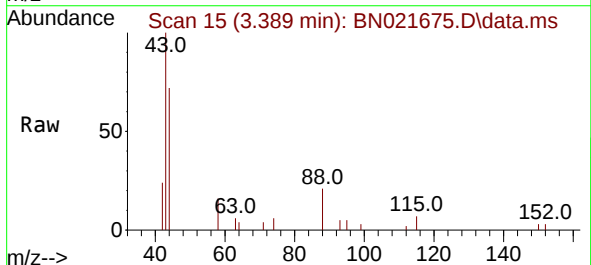
Instrument :
 BNA_N
 ClientSampleId :
 MW2

Tgt Ion:152 Resp: 6005
 Ion Ratio Lower Upper
 152 100
 150 155.7 121.4 182.0
 115 62.2 48.6 72.8



#2
 1,4-Dioxane
 Concen: 0.026 ng
 RT: 3.389 min Scan# 15
 Delta R.T. -0.014 min
 Lab File: BN021675.D
 Acq: 09 Sep 2022 23:56

Tgt Ion: 88 Resp: 193
 Ion Ratio Lower Upper
 88 100
 43 1627.5 35.8 53.8#
 58 87.6 57.1 85.7#

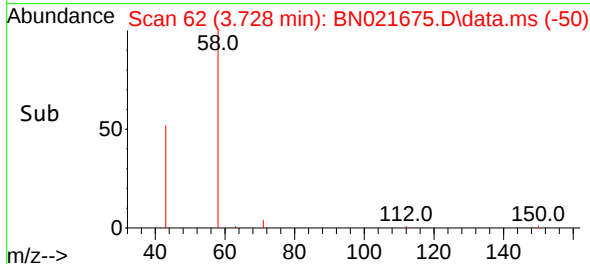
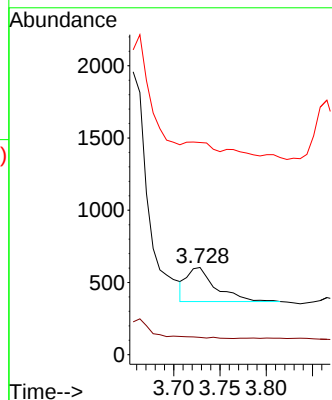
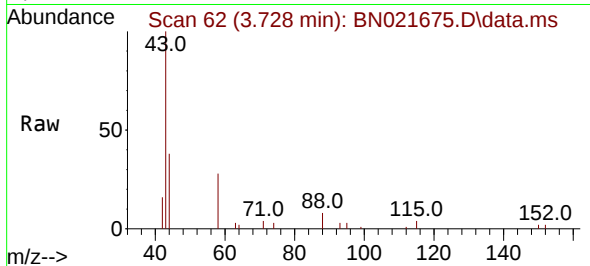




#3
n-Nitrosodimethylamine
Concen: 0.076 ng
RT: 3.728 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN021675.D
Acq: 09 Sep 2022 23:56

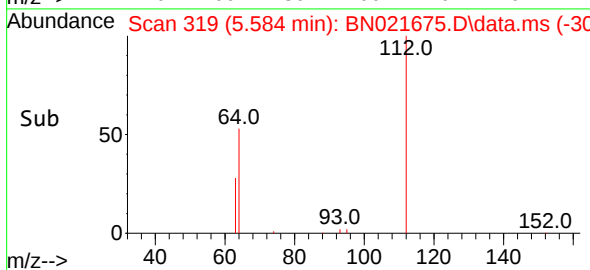
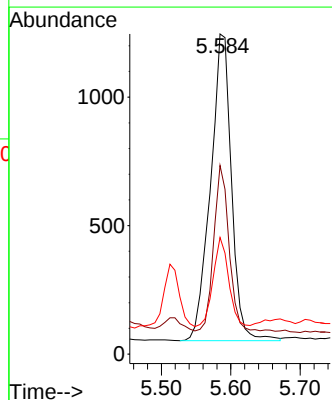
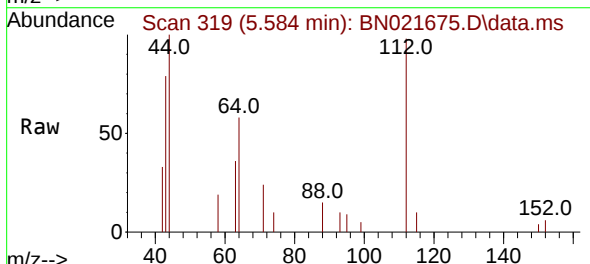
Instrument :
BNA_N
ClientSampleId :
MW2

Tgt Ion: 42 Resp: 513
Ion Ratio Lower Upper
42 100
74 0.0 113.0 169.6#
44 0.0 10.5 15.7#



#4
2-Fluorophenol
Concen: 0.214 ng
RT: 5.584 min Scan# 319
Delta R.T. -0.007 min
Lab File: BN021675.D
Acq: 09 Sep 2022 23:56

Tgt Ion: 112 Resp: 2513
Ion Ratio Lower Upper
112 100
64 41.1 43.5 65.3#
63 21.5 22.6 34.0#

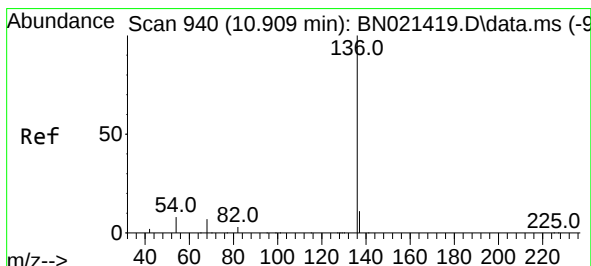
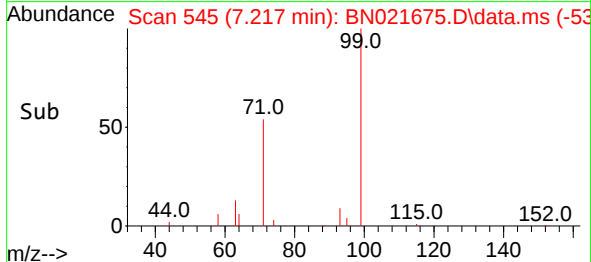
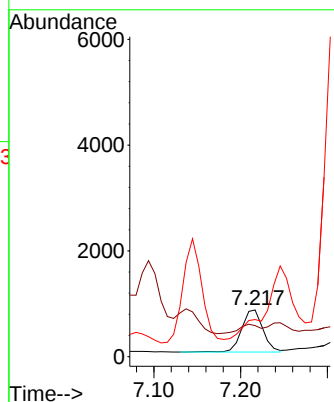
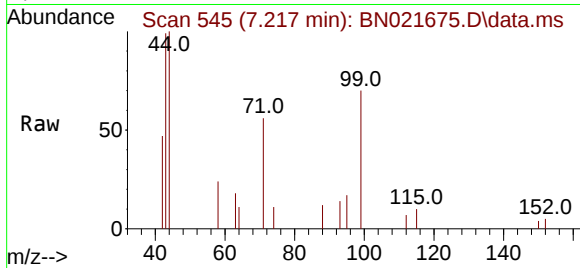




#5
Phenol-d6
Concen: 0.091 ng
RT: 7.217 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN021675.D
Acq: 09 Sep 2022 23:56

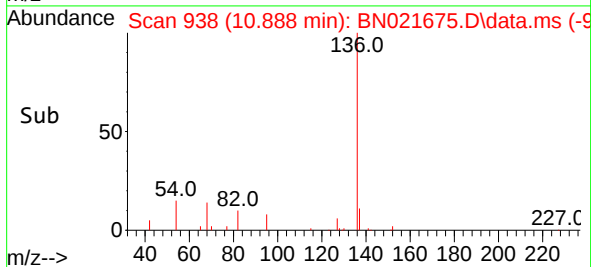
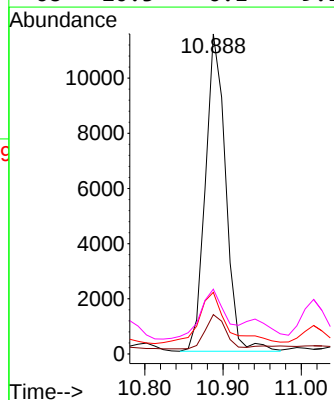
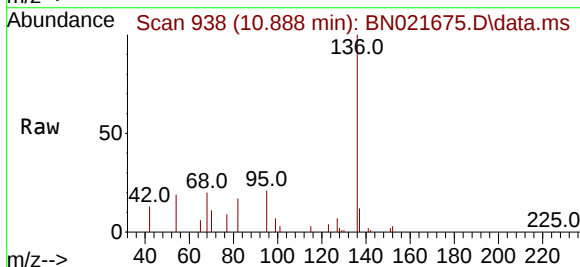
Instrument :
BNA_N
ClientSampleId :
MW2

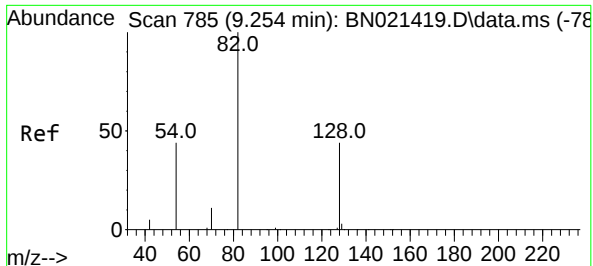
Tgt Ion: 99 Resp: 1359
Ion Ratio Lower Upper
99 100
42 23.2 15.5 23.3
71 0.0 24.2 36.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 938
Delta R.T. -0.011 min
Lab File: BN021675.D
Acq: 09 Sep 2022 23:56

Tgt Ion: 136 Resp: 20669
Ion Ratio Lower Upper
136 100
137 12.3 9.3 13.9
54 19.3 6.9 10.3#
68 20.3 6.1 9.1#

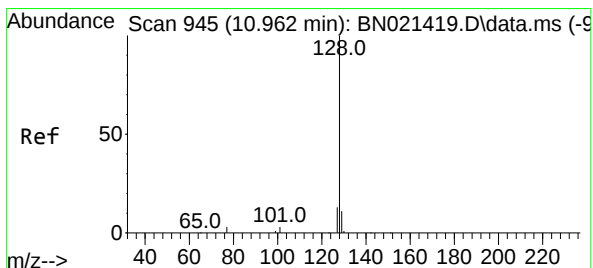
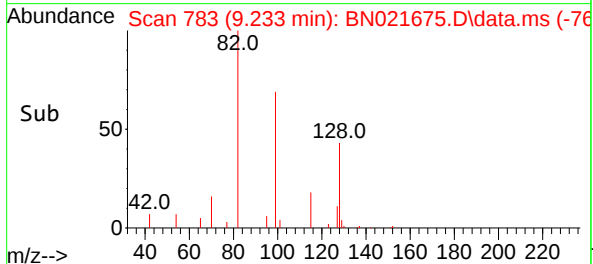
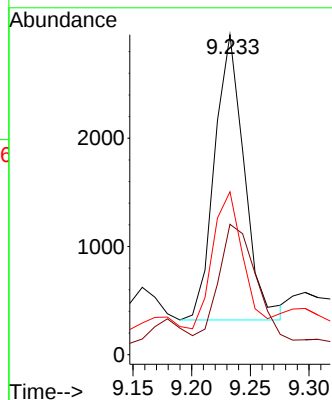
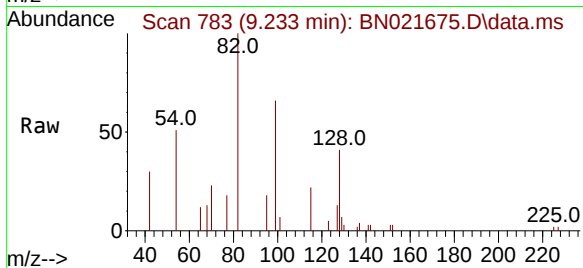




#8
Nitrobenzene-d5
Concen: 0.333 ng
RT: 9.233 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN021675.D
Acq: 09 Sep 2022 23:56

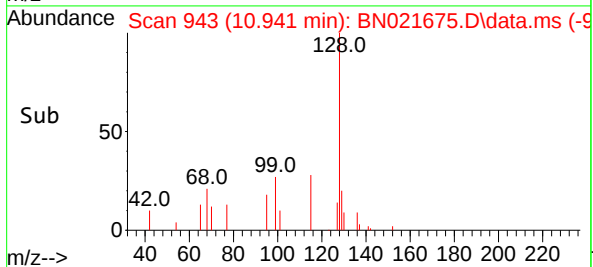
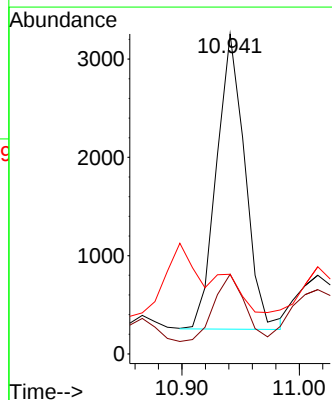
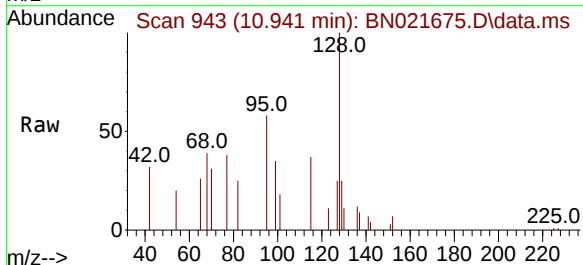
Instrument :
BNA_N
ClientSampleId :
MW2

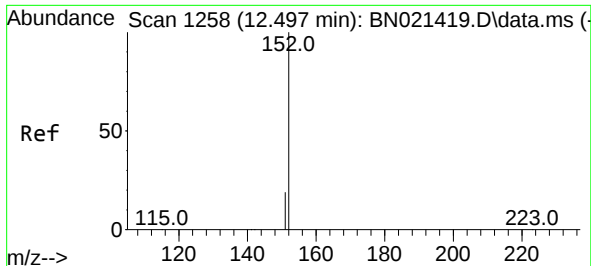
Tgt Ion: 82 Resp: 4645
Ion Ratio Lower Upper
82 100
128 40.8 30.9 46.3
54 50.9 42.7 64.1



#9
Naphthalene
Concen: 0.083 ng
RT: 10.941 min Scan# 943
Delta R.T. 0.000 min
Lab File: BN021675.D
Acq: 09 Sep 2022 23:56

Tgt Ion: 128 Resp: 5068
Ion Ratio Lower Upper
128 100
129 24.9 9.3 13.9#
127 24.9 11.0 16.4#





#11

2-Methylnaphthalene-d10

Concen: 0.247 ng

RT: 12.475 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN021675.D

Acq: 09 Sep 2022 23:56

Instrument :

BNA_N

ClientSampleId :

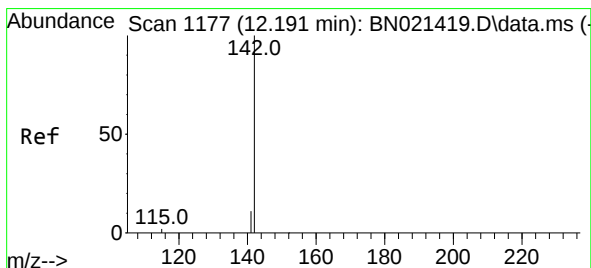
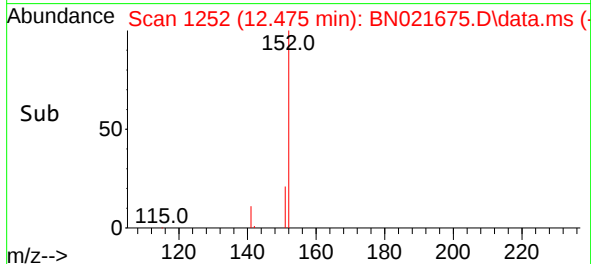
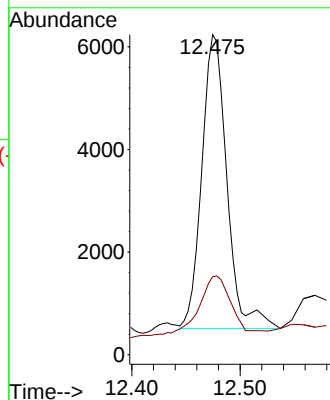
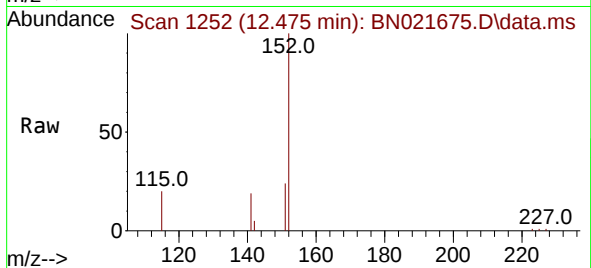
MW2

Tgt Ion:152 Resp: 11526

Ion Ratio Lower Upper

152 100

151 28.7 14.5 21.7#



#12

2-Methylnaphthalene

Concen: 0.133 ng

RT: 12.172 min Scan# 1172

Delta R.T. -0.007 min

Lab File: BN021675.D

Acq: 09 Sep 2022 23:56

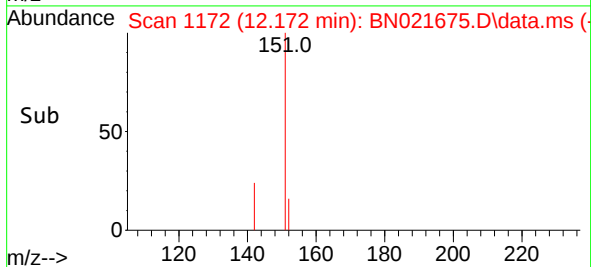
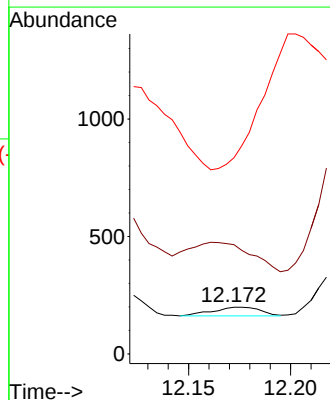
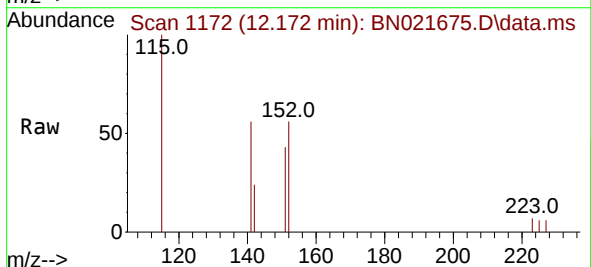
Tgt Ion:142 Resp: 61

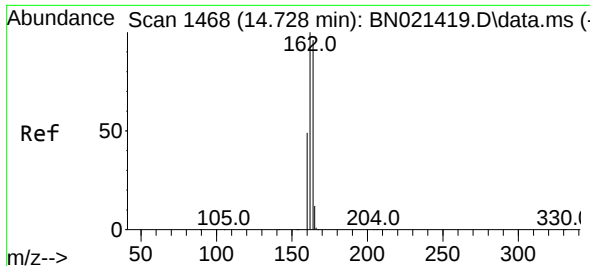
Ion Ratio Lower Upper

142 100

141 233.7 12.2 18.2#

115 419.6 7.9 11.9#

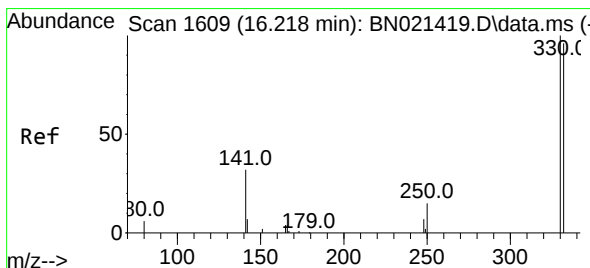
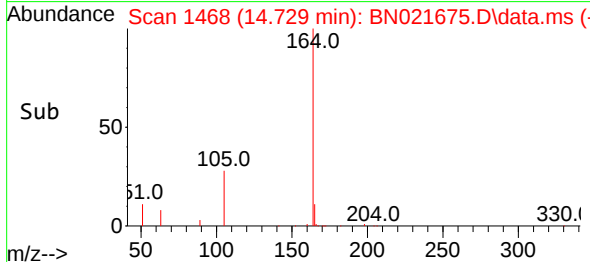
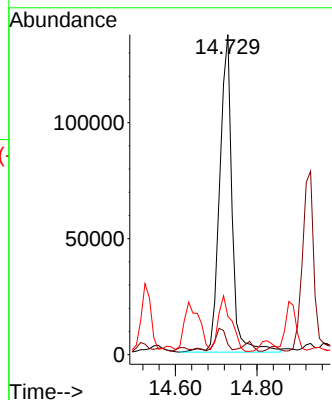
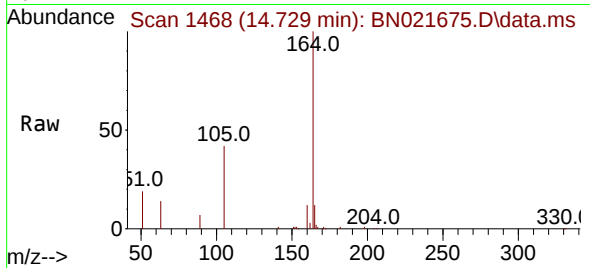




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.729 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN021675.D
Acq: 09 Sep 2022 23:56

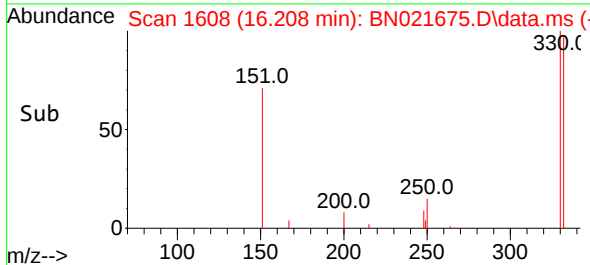
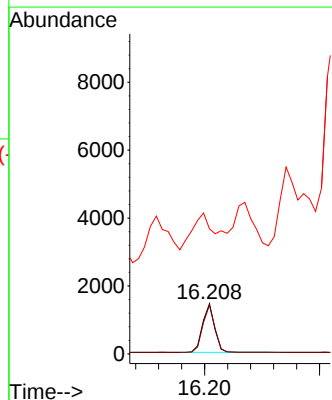
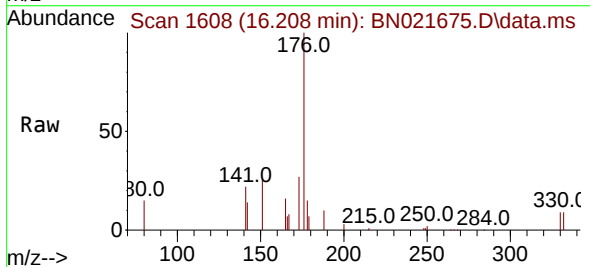
Instrument :
BNA_N
ClientSampleId :
MW2

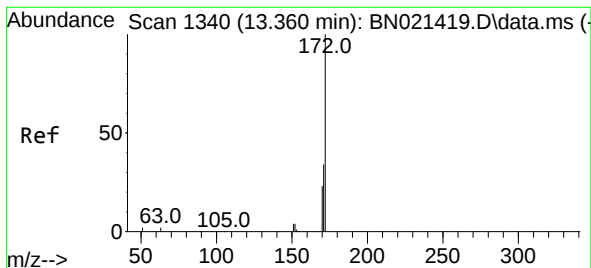
Tgt Ion:164 Resp: 287684
Ion Ratio Lower Upper
164 100
162 3.3 82.2 123.4#
160 12.0 39.5 59.3#



#14
2,4,6-Tribromophenol
Concen: 0.022 ng
RT: 16.208 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BN021675.D
Acq: 09 Sep 2022 23:56

Tgt Ion:330 Resp: 2078
Ion Ratio Lower Upper
330 100
332 96.5 79.3 118.9
141 115.4 37.1 55.7#

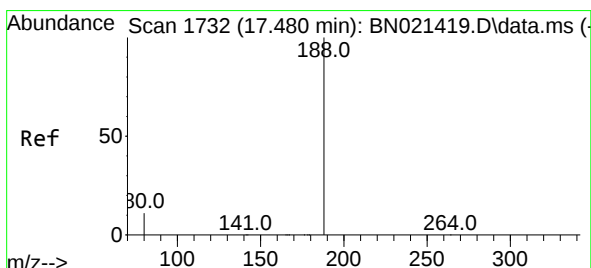
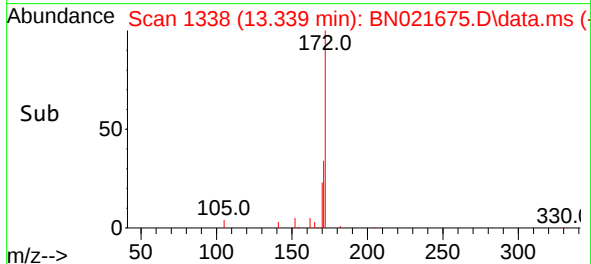
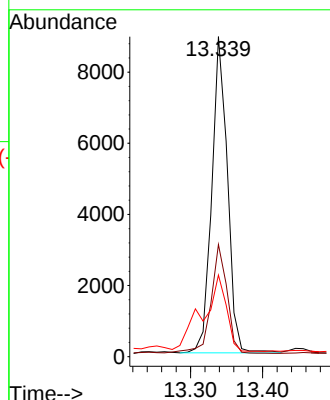
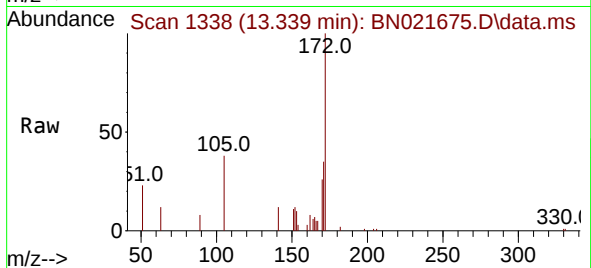




#15
2-Fluorobiphenyl
Concen: 0.011 ng
RT: 13.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021675.D
Acq: 09 Sep 2022 23:56

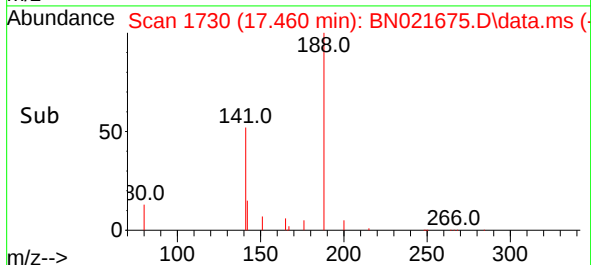
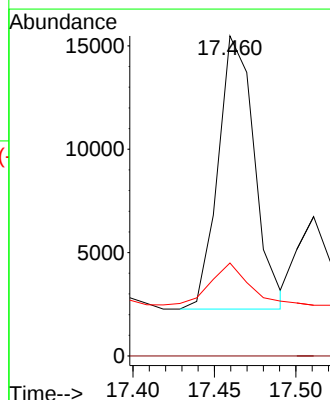
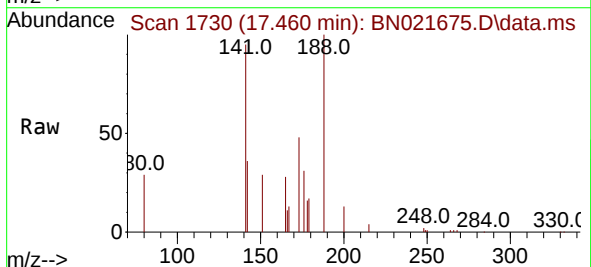
Instrument :
BNA_N
ClientSampleId :
MW2

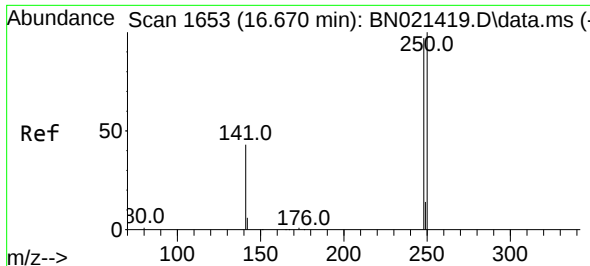
Tgt Ion:172 Resp: 13412
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 25.5 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.460 min Scan# 1730
Delta R.T. -0.010 min
Lab File: BN021675.D
Acq: 09 Sep 2022 23:56

Tgt Ion:188 Resp: 20544
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 29.1 9.5 14.3#

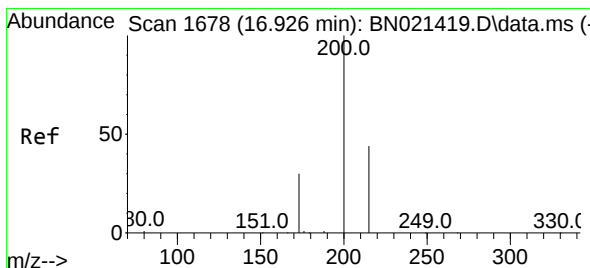
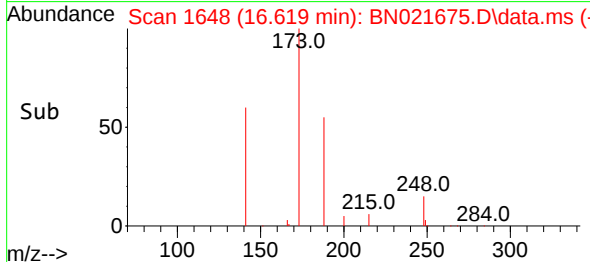
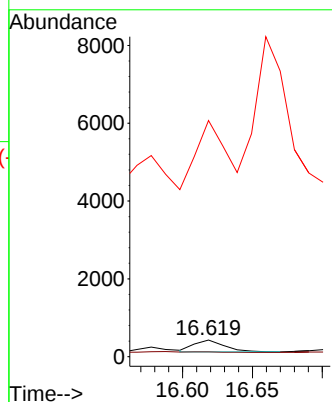
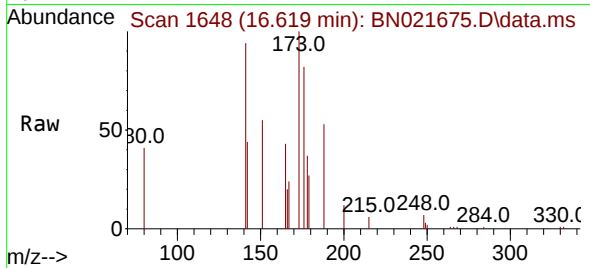




#21
4-Bromophenyl-phenylether
Concen: 0.036 ng
RT: 16.619 min Scan# 1648
Delta R.T. -0.031 min
Lab File: BN021675.D
Acq: 09 Sep 2022 23:56

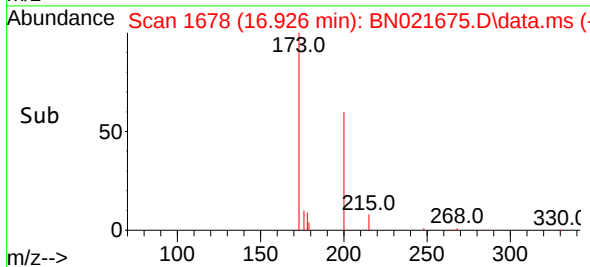
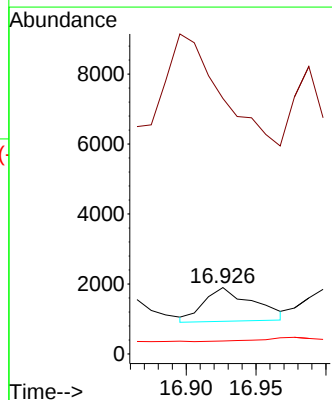
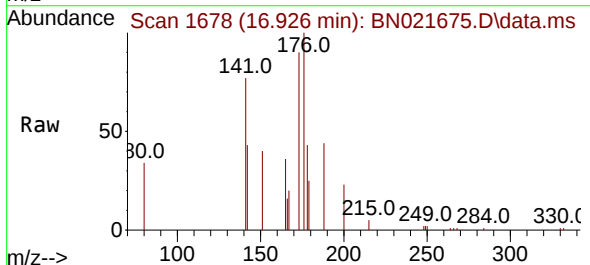
Instrument :
BNA_N
ClientSampleId :
MW2

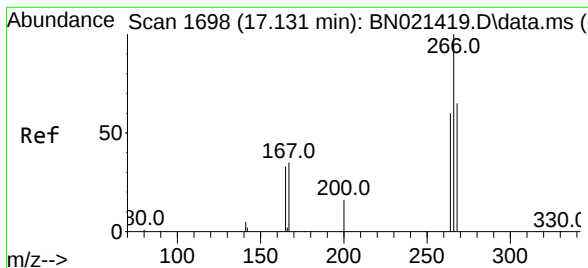
Tgt Ion:248 Resp: 464
Ion Ratio Lower Upper
248 100
250 28.7 81.8 122.6#
141 1418.5 38.5 57.7#



#23
Atrazine
Concen: 0.316 ng
RT: 16.926 min Scan# 1678
Delta R.T. 0.010 min
Lab File: BN021675.D
Acq: 09 Sep 2022 23:56

Tgt Ion:200 Resp: 2374
Ion Ratio Lower Upper
200 100
173 384.8 24.3 36.5#
215 19.6 38.4 57.6#

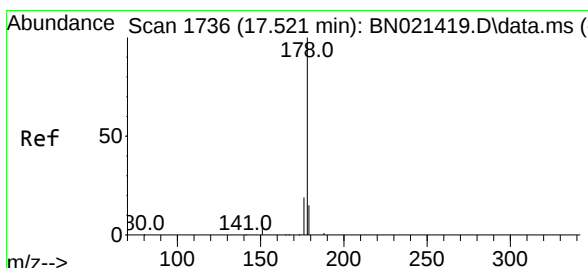
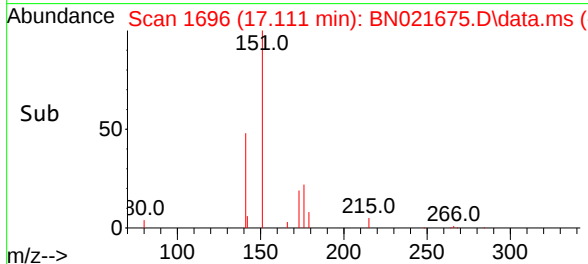
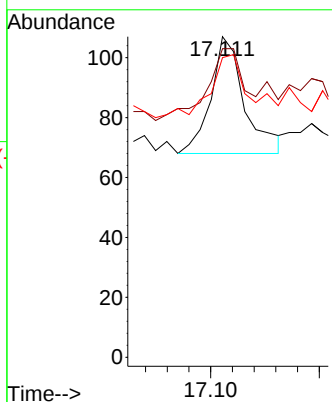
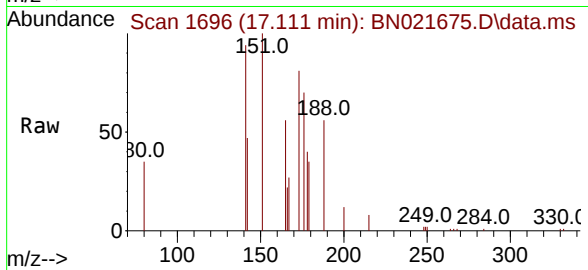




#24
Pentachlorophenol
Concen: 0.220 ng
RT: 17.111 min Scan# 1696
Delta R.T. -0.010 min
Lab File: BN021675.D
Acq: 09 Sep 2022 23:56

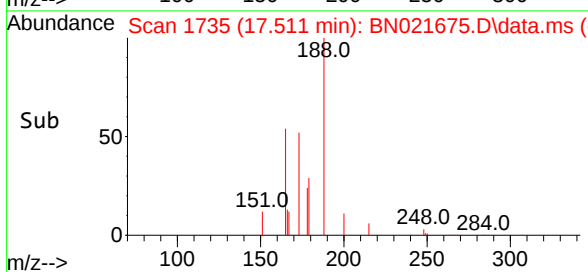
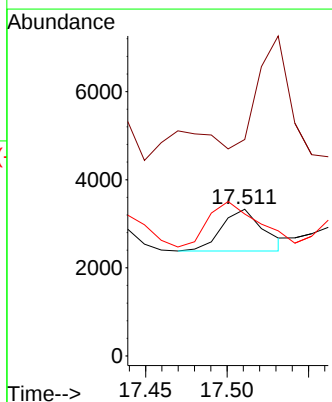
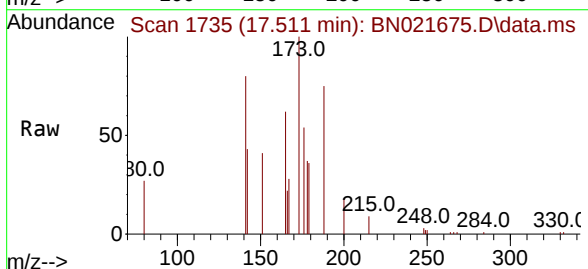
Instrument :
BNA_N
ClientSampleId :
MW2

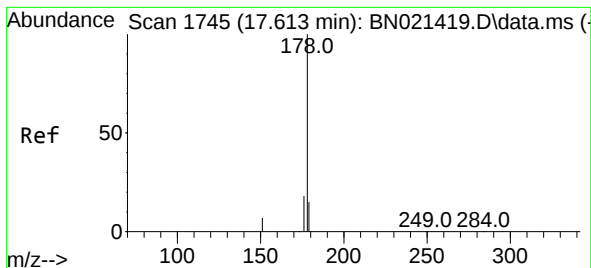
Tgt Ion:	266	Resp:	84
Ion Ratio	Lower	Upper	
266	100		
264	69.0	49.0	73.6
268	53.6	50.9	76.3



#25
Phenanthrene
Concen: 0.024 ng
RT: 17.511 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BN021675.D
Acq: 09 Sep 2022 23:56

Tgt Ion:	178	Resp:	1698
Ion Ratio	Lower	Upper	
178	100		
176	0.0	15.4	23.2#
179	132.3	12.2	18.4#





#26

Anthracene

Concen: 0.080 ng

RT: 17.583 min Scan# 1

Delta R.T. -0.020 min

Lab File: BN021675.D

Acq: 09 Sep 2022 23:56

Instrument :

BNA_N

ClientSampleId :

MW2

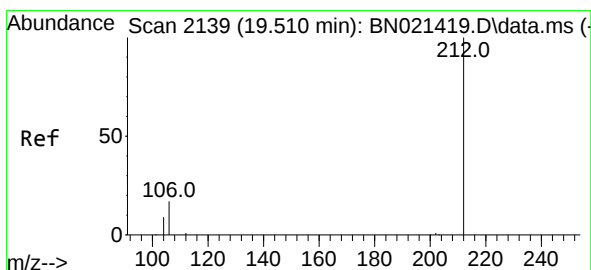
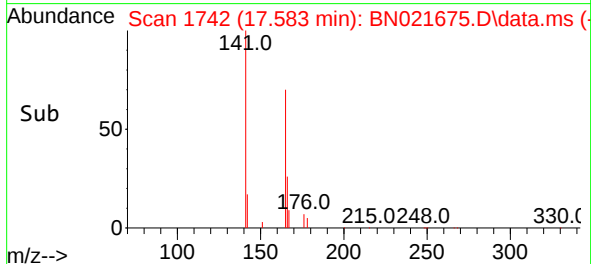
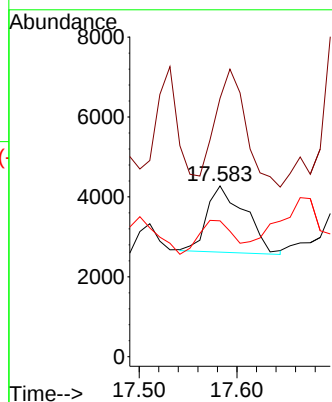
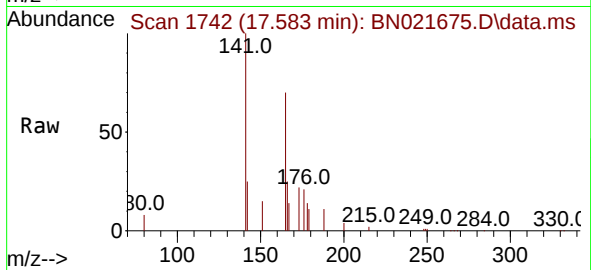
Tgt Ion:178 Resp: 4482

Ion Ratio Lower Upper

178 100

176 141.3 14.6 22.0#

179 0.0 12.2 18.2#



#27

Fluoranthene-d10

Concen: 0.405 ng

RT: 19.493 min Scan# 2135

Delta R.T. -0.004 min

Lab File: BN021675.D

Acq: 09 Sep 2022 23:56

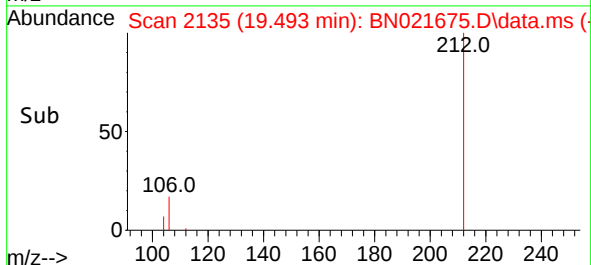
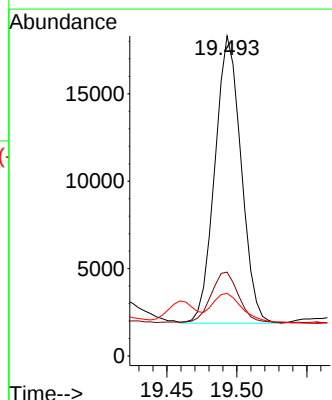
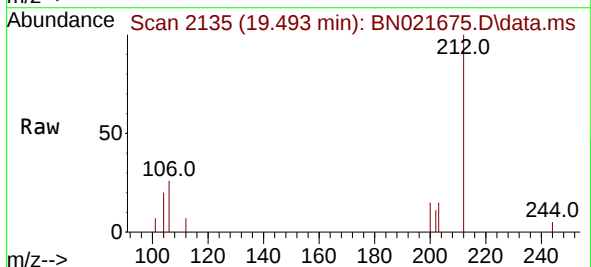
Tgt Ion:212 Resp: 21386

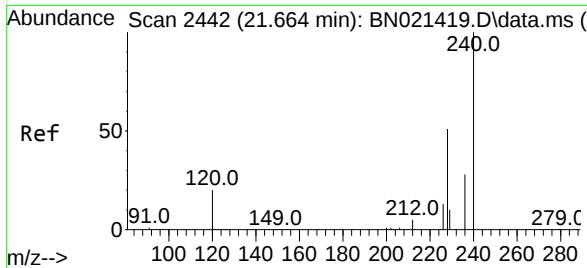
Ion Ratio Lower Upper

212 100

106 18.6 14.2 21.2

104 12.2 7.8 11.6#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.646 min Scan# 2440

Delta R.T. -0.009 min

Lab File: BN021675.D

Acq: 09 Sep 2022 23:56

Instrument :

BNA_N

ClientSampleId :

MW2

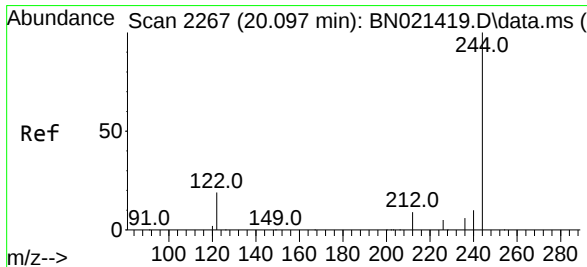
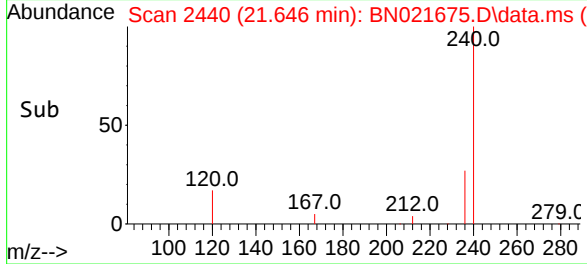
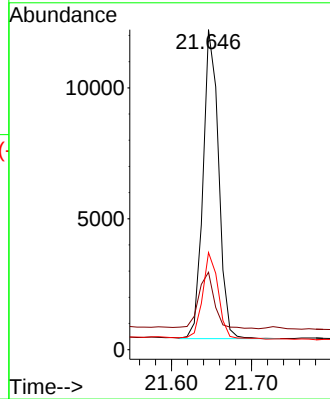
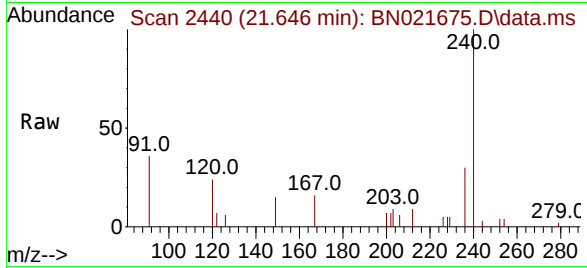
Tgt Ion:240 Resp: 15918

Ion Ratio Lower Upper

240 100

120 24.2 10.2 15.4#

236 30.3 22.1 33.1



#31

Terphenyl-d14

Concen: 0.373 ng

RT: 20.079 min Scan# 2265

Delta R.T. -0.009 min

Lab File: BN021675.D

Acq: 09 Sep 2022 23:56

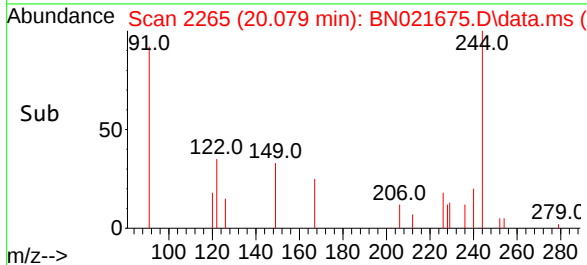
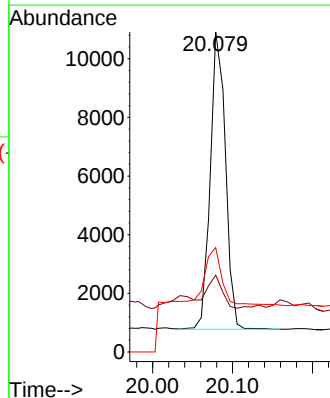
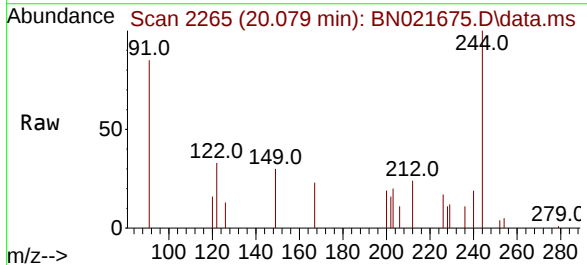
Tgt Ion:244 Resp: 13352

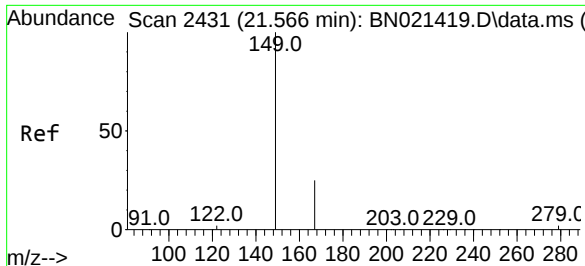
Ion Ratio Lower Upper

244 100

212 24.0 6.5 9.7#

122 32.6 9.1 13.7#

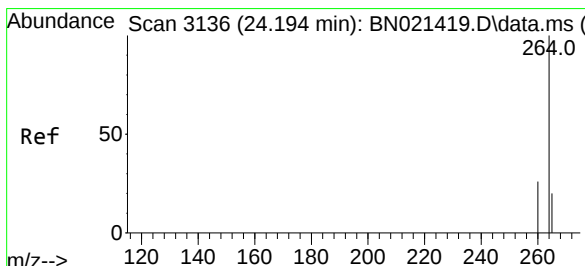
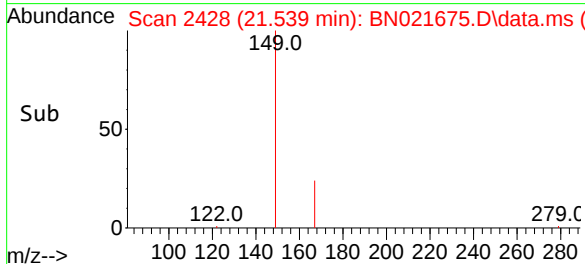
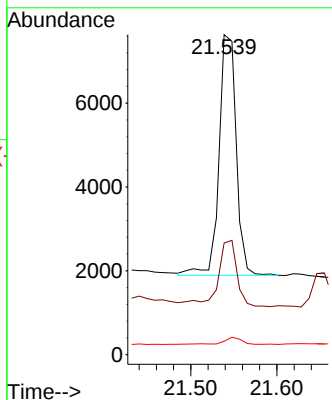
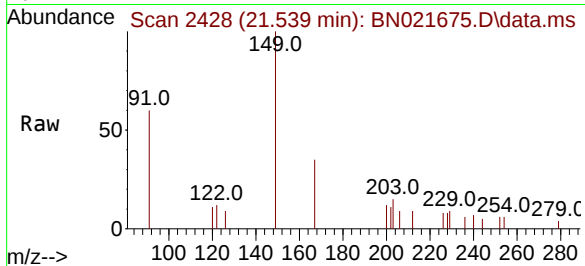




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.355 ng
 RT: 21.539 min Scan# 2428
 Delta R.T. -0.009 min
 Lab File: BN021675.D
 Acq: 09 Sep 2022 23:56

Instrument :
 BNA_N
 ClientSampleId :
 MW2

Tgt Ion:149 Resp: 7925
 Ion Ratio Lower Upper
 149 100
 167 30.2 21.4 32.0
 279 3.1 2.2 3.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.159 min Scan# 3124
 Delta R.T. -0.015 min
 Lab File: BN021675.D
 Acq: 09 Sep 2022 23:56

Tgt Ion:264 Resp: 11476
 Ion Ratio Lower Upper
 264 100
 260 27.8 21.0 31.6
 265 44.8 32.2 48.2

