

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
 Data File : BN017706.D
 Acq On : 04 Dec 2021 00:32
 Operator : CG/JU
 Sample : M4917-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-22

Quant Time: Dec 04 01:41:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 23:07:38 2021
 Response via : Initial Calibration

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

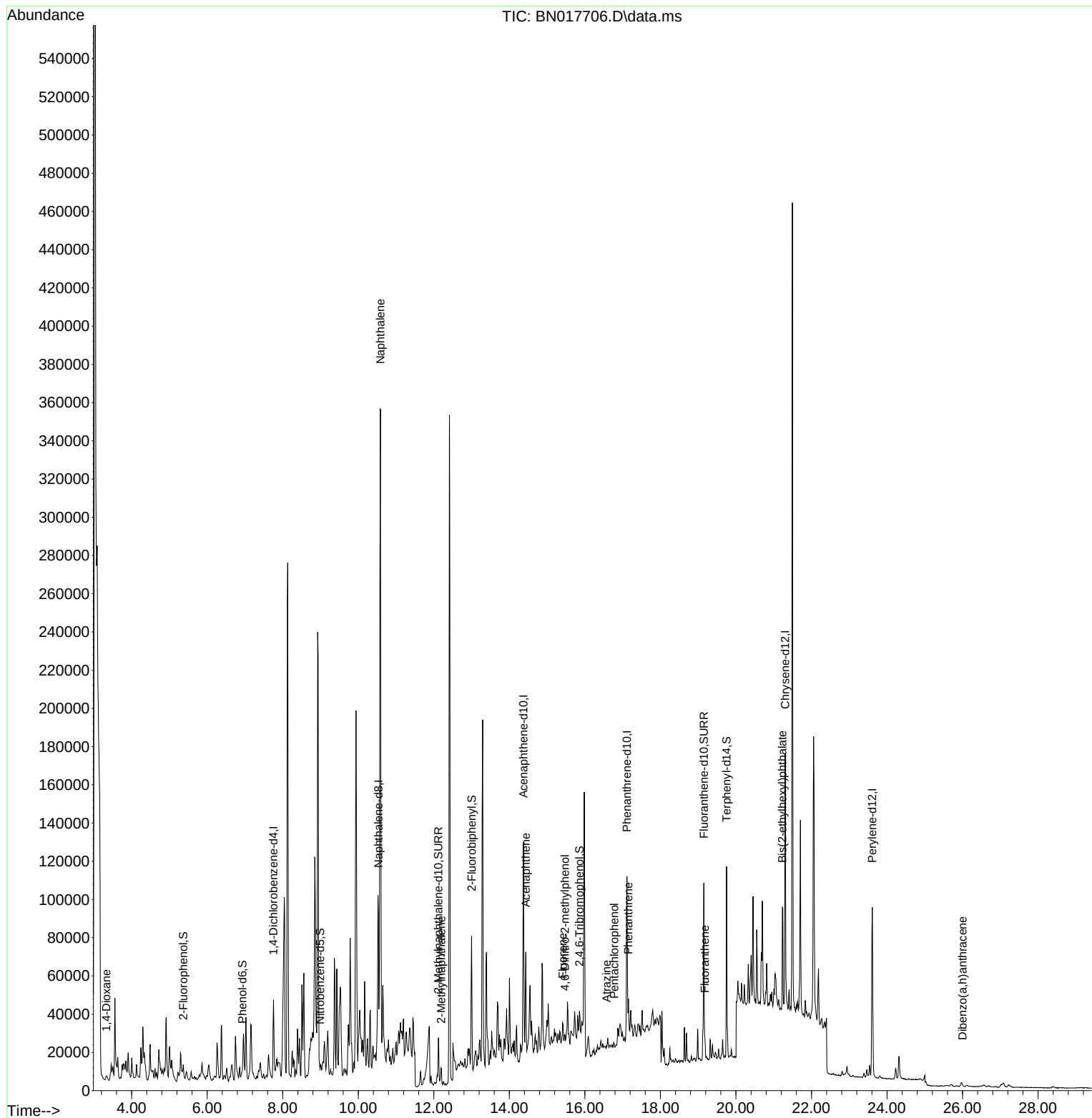
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	20049	0.400	ng	0.00
7) Naphthalene-d8	10.535	136	82258	0.400	ng	# 0.00
13) Acenaphthene-d10	14.372	164	55956	0.400	ng	# 0.00
19) Phenanthrene-d10	17.116	188	112901	0.400	ng	0.00
29) Chrysene-d12	21.303	240	119571	0.400	ng	# 0.00
35) Perylene-d12	23.609	264	120235	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.366	112	6609	0.140	ng	0.00
5) Phenol-d6	6.934	99	3907	0.081	ng	0.00
8) Nitrobenzene-d5	8.989	82	808	0.020	ng	0.09
11) 2-Methylnaphthalene-d10	12.124	152	32405	0.223	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	13128	0.503	ng	-0.01
15) 2-Fluorobiphenyl	13.001	172	56939	0.267	ng	0.00
27) Fluoranthene-d10	19.149	212	108253	0.294	ng	0.00
31) Terphenyl-d14	19.749	244	103806	0.391	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.329	88	311	0.021	ng	# 1
9) Naphthalene	10.586	128	403212	1.922	ng	97
12) 2-Methylnaphthalene	12.195	142	6326	0.046	ng	# 63
17) Acenaphthene	14.435	154	27043	0.184	ng	96
18) Fluorene	15.412	166	7134	0.039	ng	83
20) 4,6-Dinitro-2-methylph...	15.476	198	74	0.248	ng	# 1
23) Atrazine	16.581	200	853	0.112	ng	# 1
24) Pentachlorophenol	16.776	266	1090	0.311	ng	99
25) Phenanthrene	17.153	178	21034	0.070	ng	95
28) Fluoranthene	19.179	202	9009	0.025	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.229	149	59782	0.526	ng	# 95
40) Dibenzo(a,h)anthracene	25.998	278	900	0.085	ng	# 1

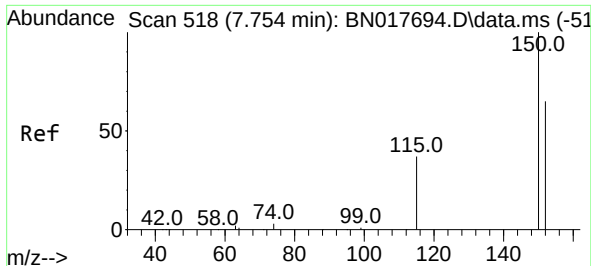
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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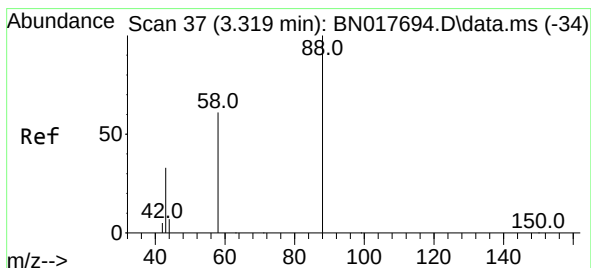
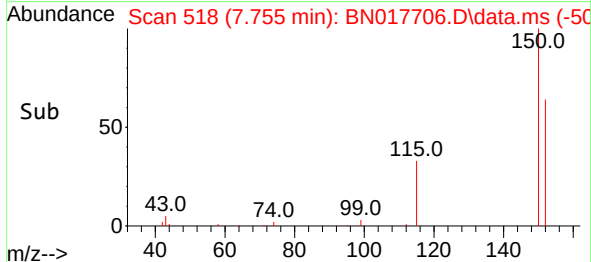
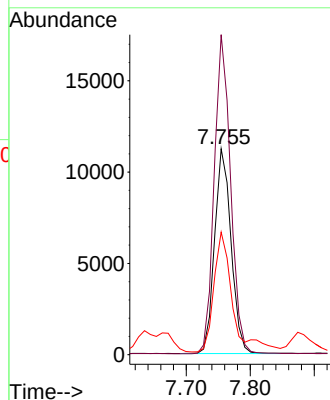
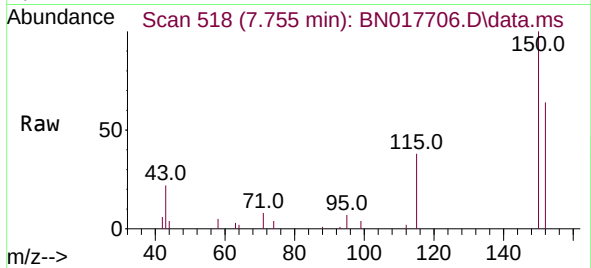




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.755 min Scan# 51
 Delta R.T. 0.001 min
 Lab File: BN017706.D
 Acq: 04 Dec 2021 00:32

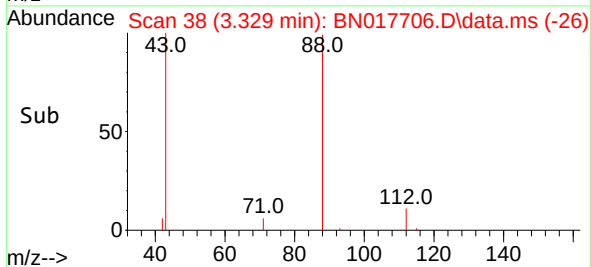
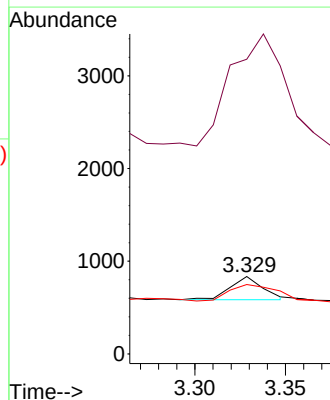
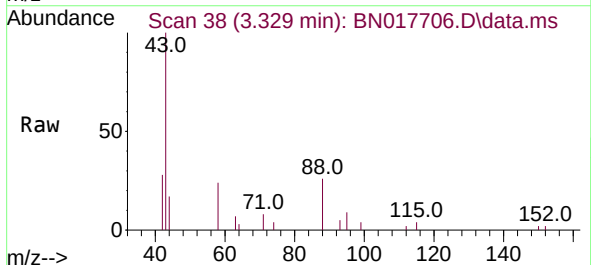
Instrument :
 BNA_N
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 MW-22

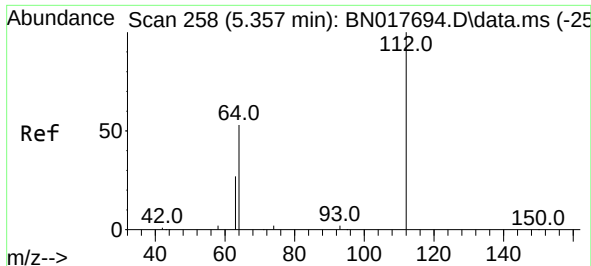
Tgt Ion:152 Resp: 20049
 Ion Ratio Lower Upper
 152 100
 150 155.4 123.0 184.4
 115 59.5 45.6 68.4



#2
 1,4-Dioxane
 Concen: 0.021 ng
 RT: 3.329 min Scan# 38
 Delta R.T. 0.010 min
 Lab File: BN017706.D
 Acq: 04 Dec 2021 00:32

Tgt Ion: 88 Resp: 311
 Ion Ratio Lower Upper
 88 100
 43 710.0 24.7 37.1#
 58 100.0 63.0 94.6#

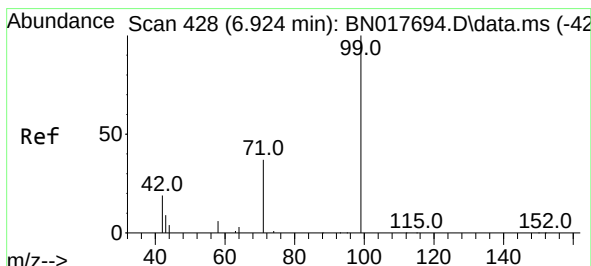
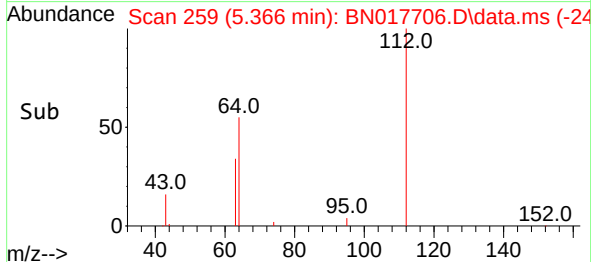
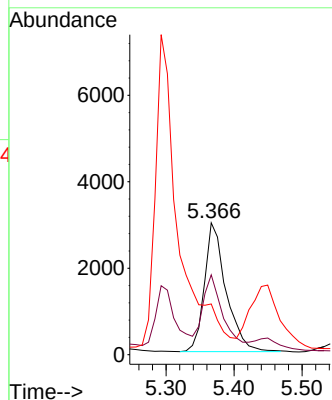
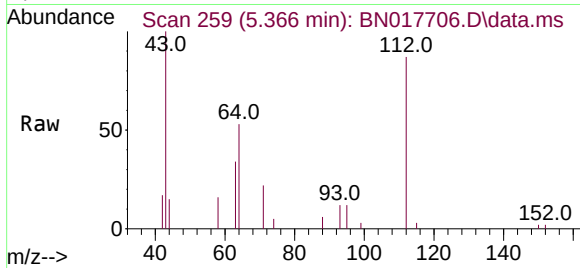




#4
2-Fluorophenol
Concen: 0.140 ng
RT: 5.366 min Scan# 21
Delta R.T. 0.010 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

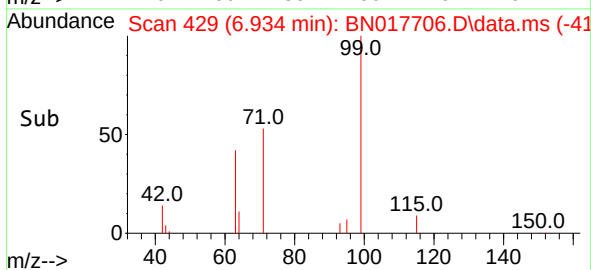
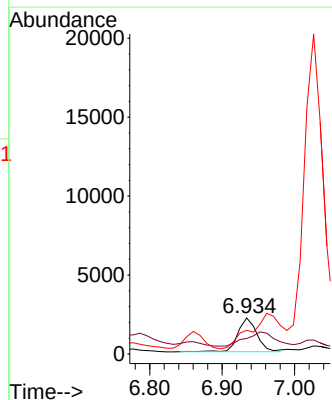
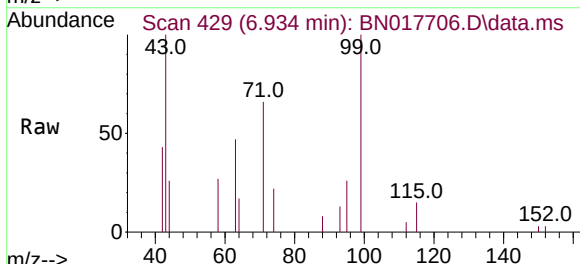
Instrument :
BNA_N
ClientSampleId :
MW-22

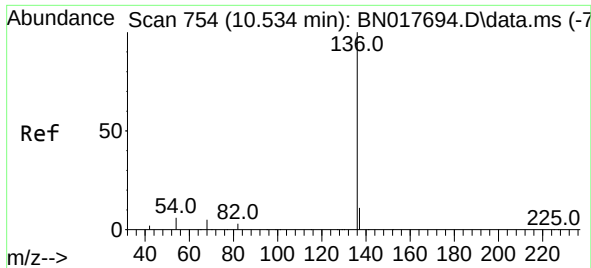
Tgt Ion:112 Resp: 6609
Ion Ratio Lower Upper
112 100
64 44.9 47.6 71.4#
63 0.0 24.6 37.0#



#5
Phenol-d6
Concen: 0.081 ng
RT: 6.934 min Scan# 429
Delta R.T. 0.010 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

Tgt Ion: 99 Resp: 3907
Ion Ratio Lower Upper
99 100
42 0.0 17.0 25.6#
71 0.0 24.8 37.2#

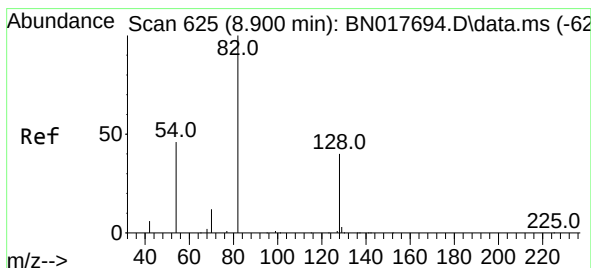
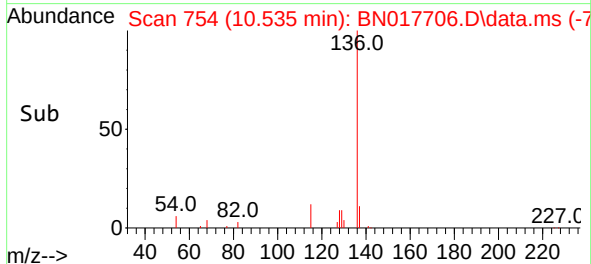
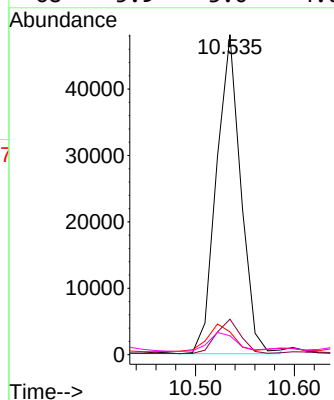
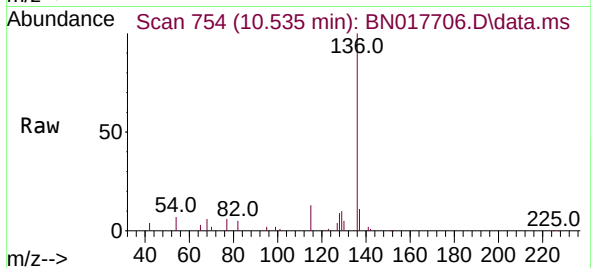




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.535 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

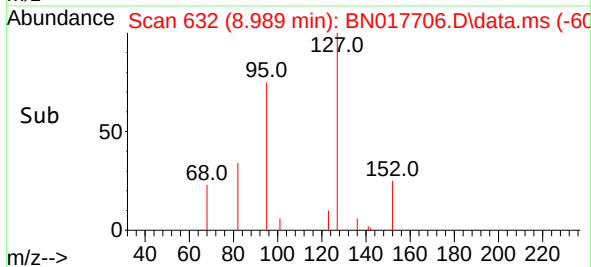
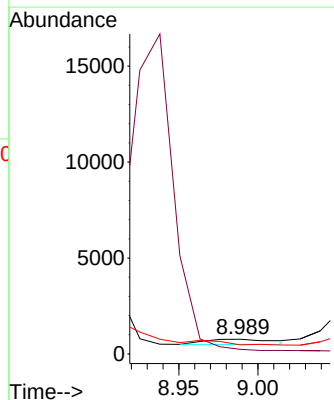
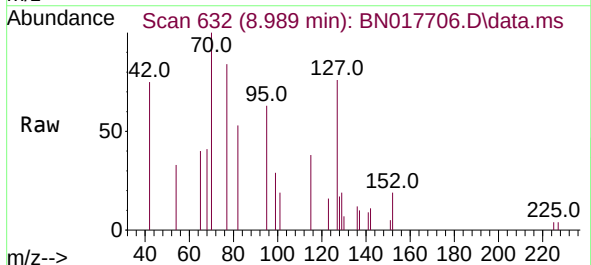
Instrument :
BNA_N
ClientSampleId :
MW-22

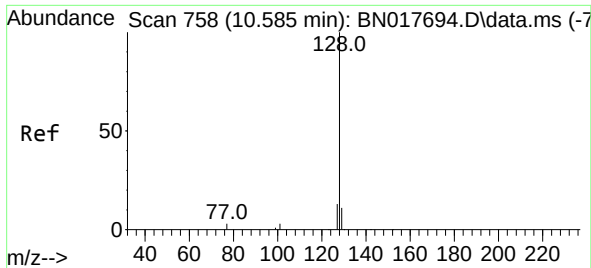
Tgt Ion:	136	Resp:	82258
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	7.1	4.0	6.0#
68	5.9	3.0	4.6#



#8
Nitrobenzene-d5
Concen: 0.020 ng
RT: 8.989 min Scan# 632
Delta R.T. 0.089 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

Tgt Ion:	82	Resp:	808
Ion Ratio	Lower	Upper	
82	100		
128	31.4	27.7	41.5
54	62.6	49.2	73.8

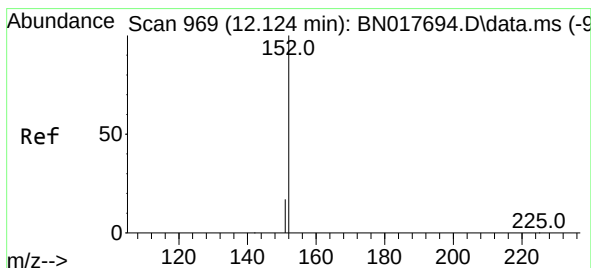
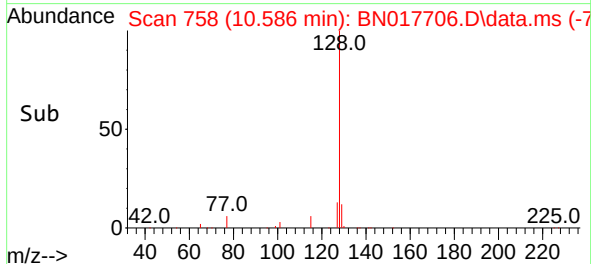
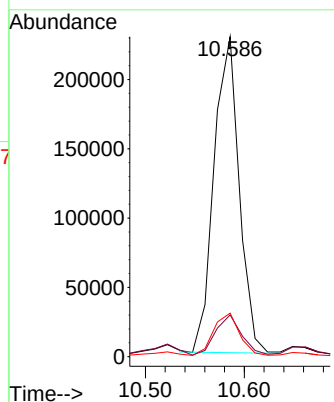
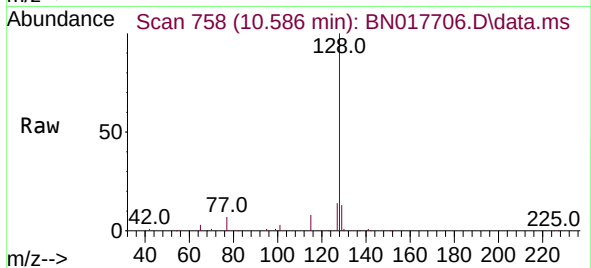




#9
Naphthalene
Concen: 1.922 ng
RT: 10.586 min Scan# 758
Delta R.T. 0.000 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

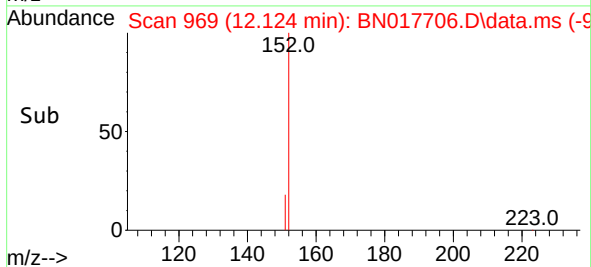
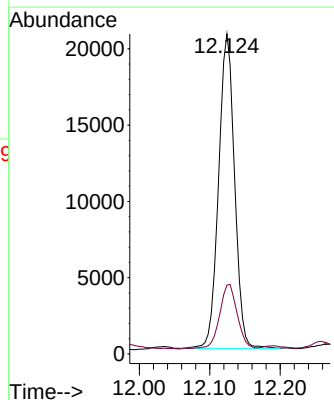
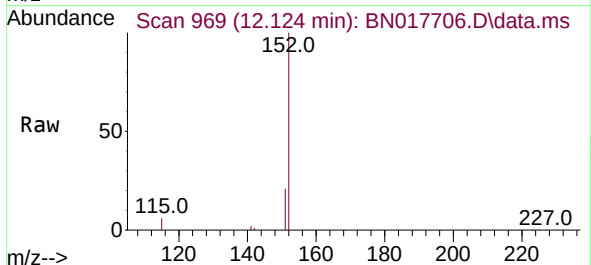
Instrument :
BNA_N
ClientSampleId :
MW-22

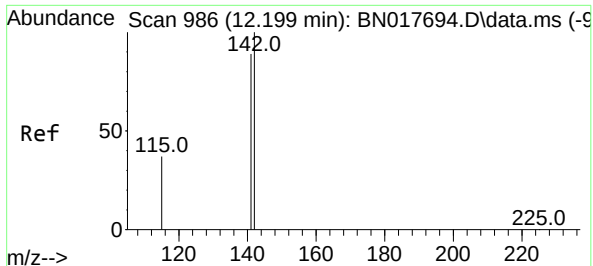
Tgt Ion:128 Resp: 403212
Ion Ratio Lower Upper
128 100
129 13.0 8.8 13.2
127 13.6 10.6 15.8



#11
2-Methylnaphthalene-d10
Concen: 0.223 ng
RT: 12.124 min Scan# 969
Delta R.T. 0.000 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

Tgt Ion:152 Resp: 32405
Ion Ratio Lower Upper
152 100
151 22.9 16.2 24.4





#12

2-Methylnaphthalene

Concen: 0.046 ng

RT: 12.195 min Scan# 985

Delta R.T. -0.004 min

Lab File: BN017706.D

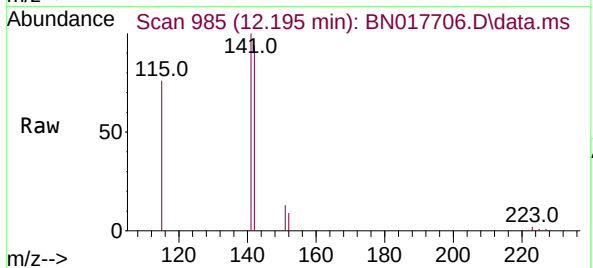
Acq: 04 Dec 2021 00:32

Instrument :

BNA_N

ClientSampleId :

MW-22



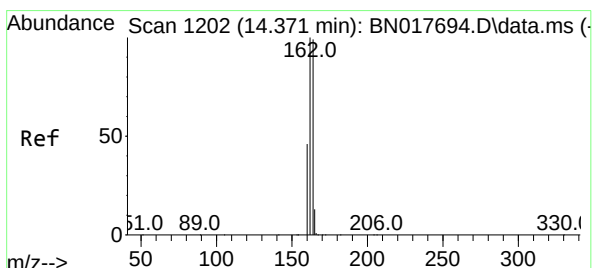
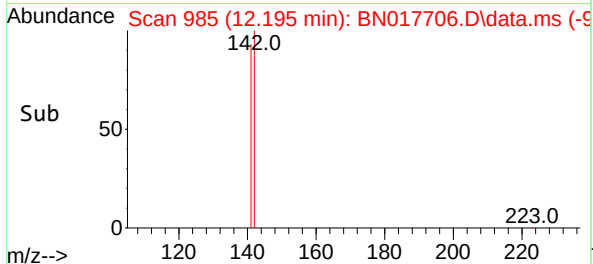
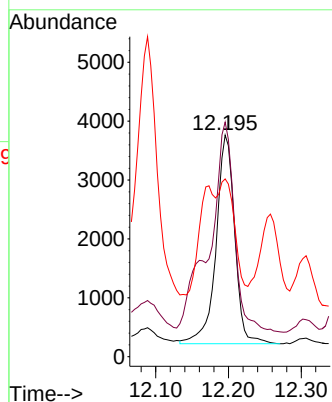
Tgt Ion:142 Resp: 6326

Ion Ratio Lower Upper

142 100

141 105.9 70.6 106.0

115 80.2 25.8 38.6#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.372 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BN017706.D

Acq: 04 Dec 2021 00:32

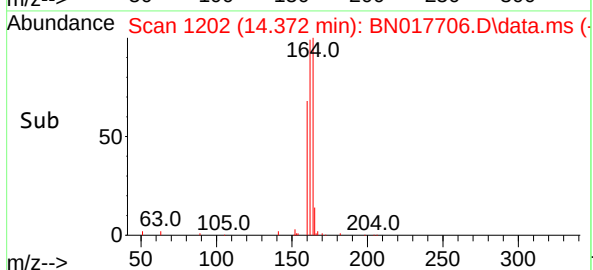
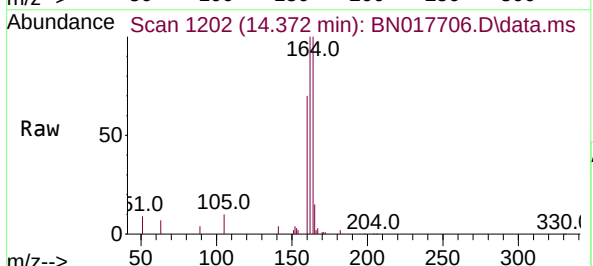
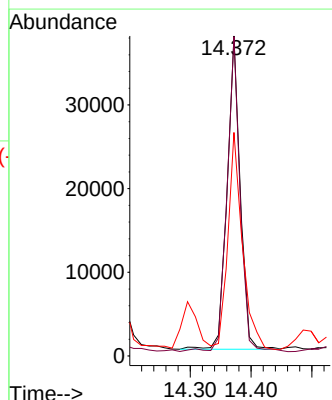
Tgt Ion:164 Resp: 55956

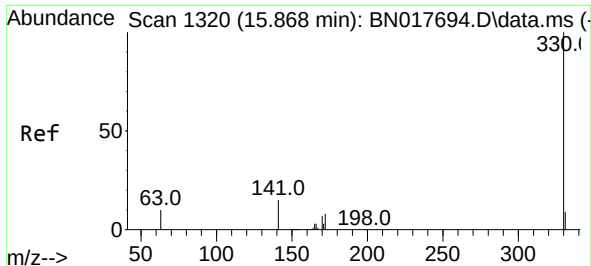
Ion Ratio Lower Upper

164 100

162 99.8 81.4 122.2

160 69.8 36.8 55.2#

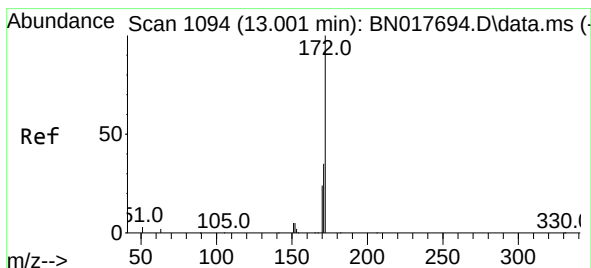
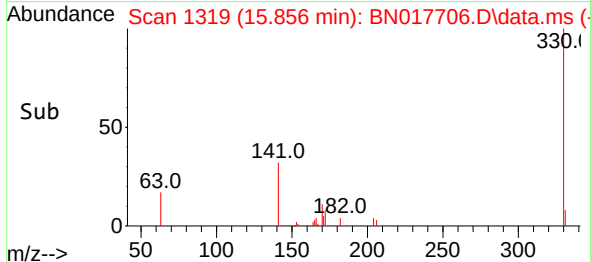
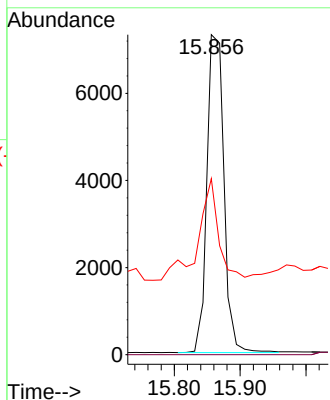
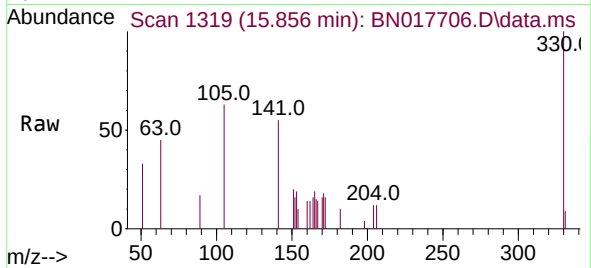




#14
2,4,6-Tribromophenol
Concen: 0.503 ng
RT: 15.856 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

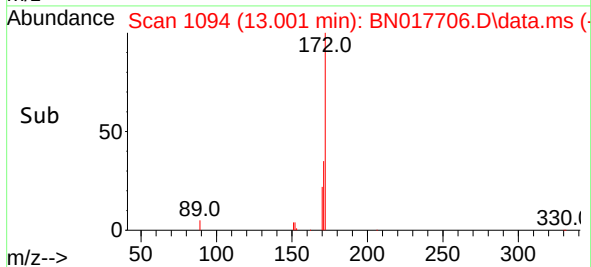
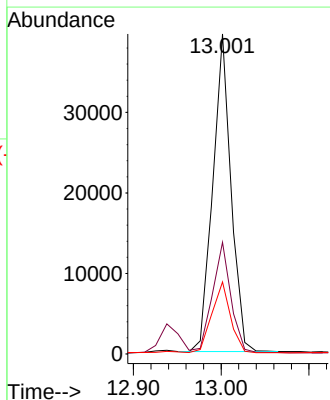
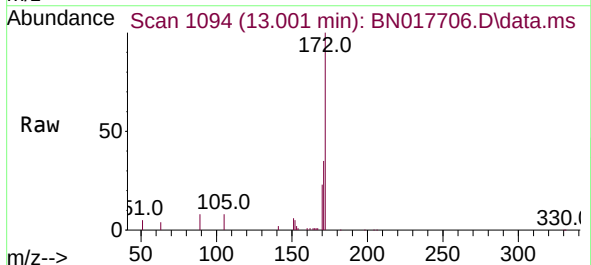
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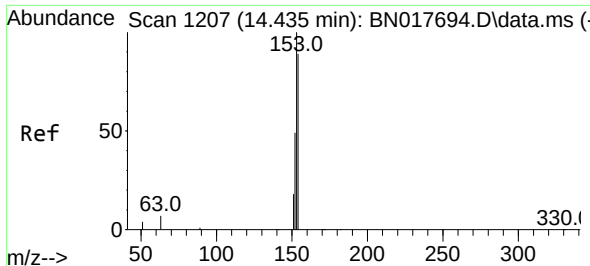
Tgt Ion:330 Resp: 13128
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 33.1 28.9 43.3



#15
2-Fluorobiphenyl
Concen: 0.267 ng
RT: 13.001 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

Tgt Ion:172 Resp: 56939
Ion Ratio Lower Upper
172 100
171 34.9 28.7 43.1
170 22.5 19.4 29.2

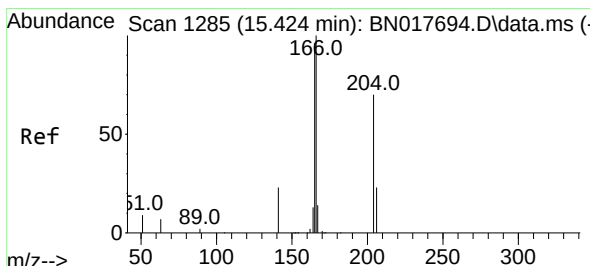
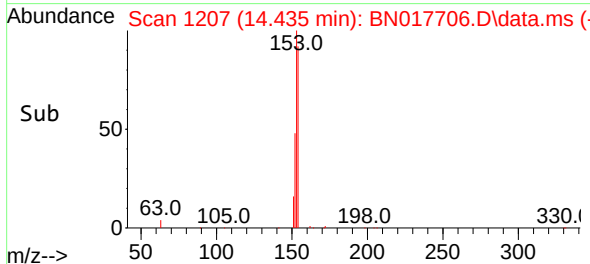
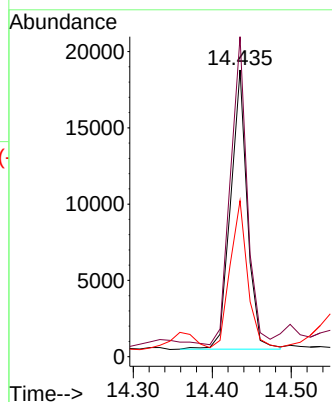
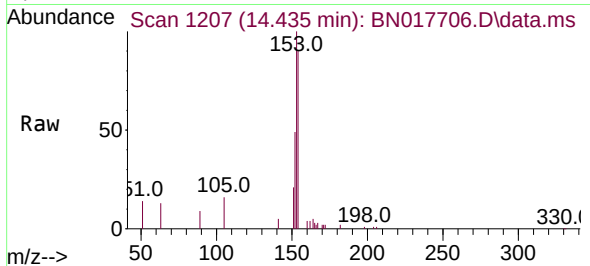




#17
Acenaphthene
Concen: 0.184 ng
RT: 14.435 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

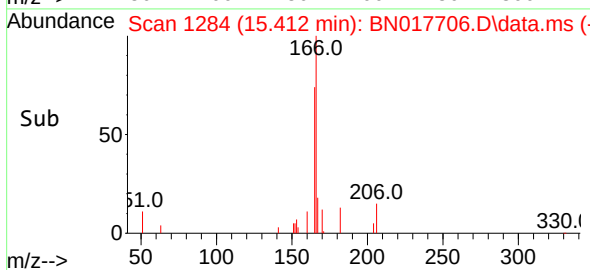
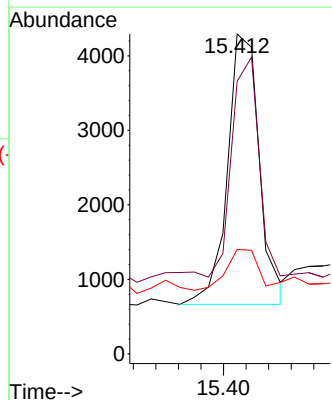
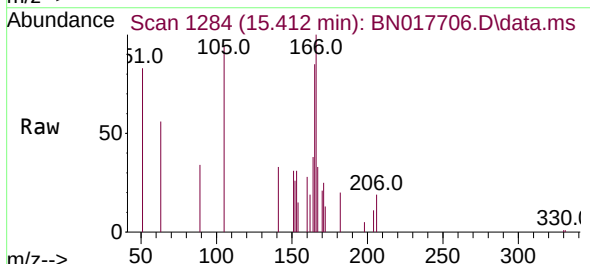
Instrument :
BNA_N
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MW-22

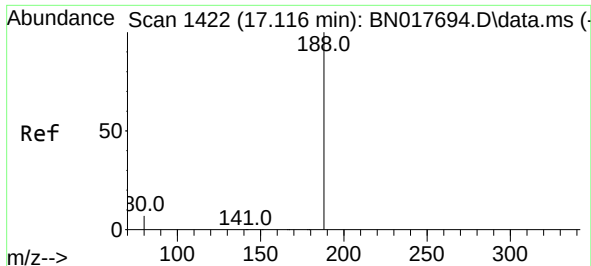
Tgt Ion:154 Resp: 27043
Ion Ratio Lower Upper
154 100
153 108.5 91.2 136.8
152 54.4 44.3 66.5



#18
Fluorene
Concen: 0.039 ng
RT: 15.412 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

Tgt Ion:166 Resp: 7134
Ion Ratio Lower Upper
166 100
165 78.9 77.9 116.9
167 15.8 10.9 16.3

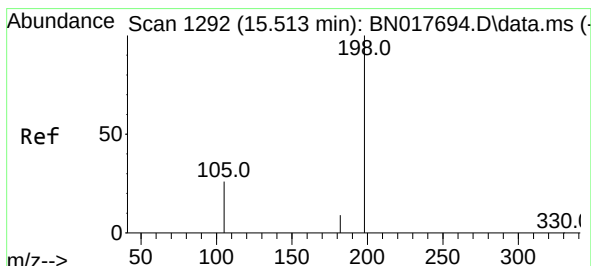
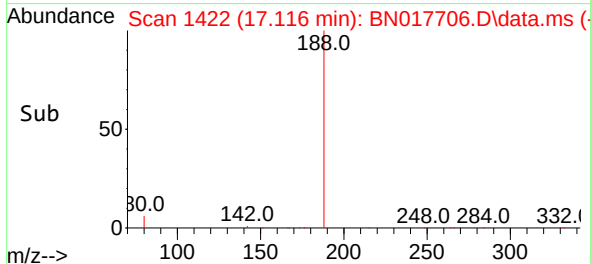
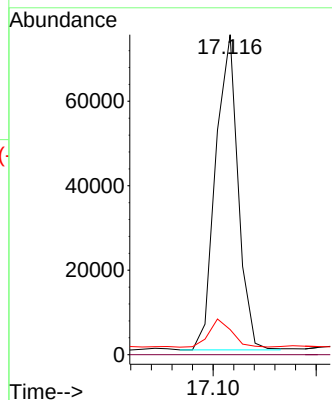
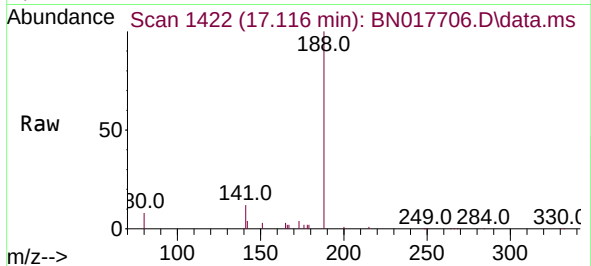




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.116 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

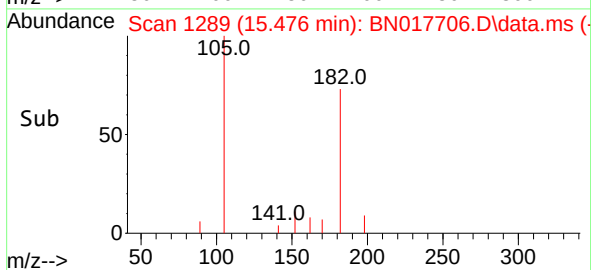
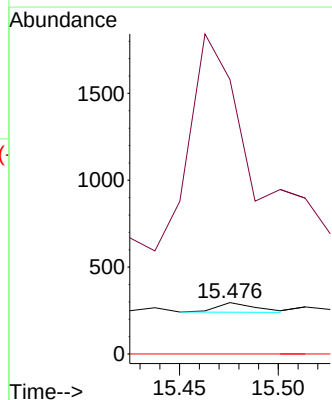
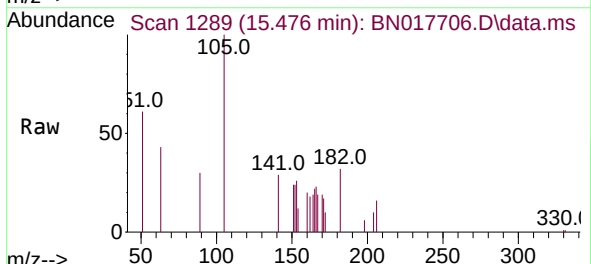
Instrument :
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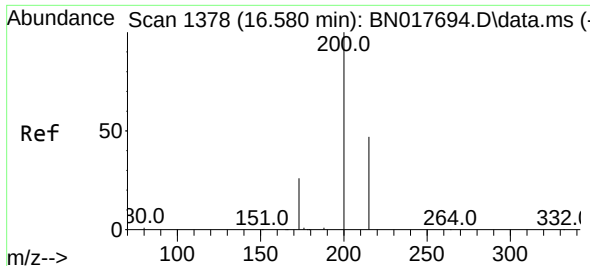
Tgt Ion:188 Resp: 112901
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 6.1 9.1



#20
4,6-Dinitro-2-methylphenol
Concen: 0.248 ng
RT: 15.476 min Scan# 1289
Delta R.T. -0.037 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

Tgt Ion:198 Resp: 74
Ion Ratio Lower Upper
198 100
182 533.8 11.4 17.2#
77 0.0 0.0 0.0

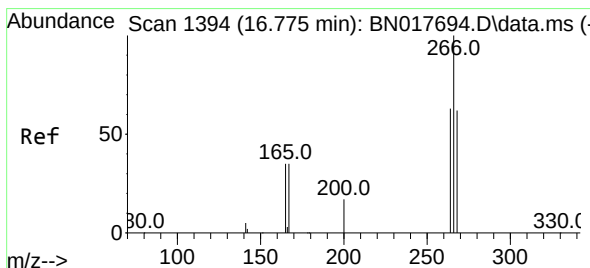
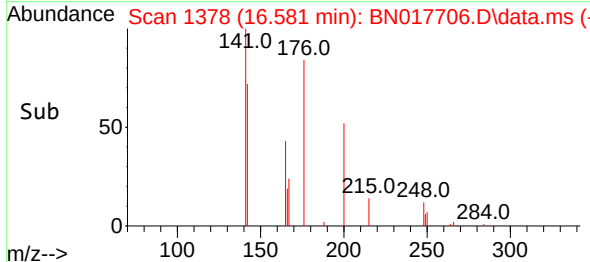
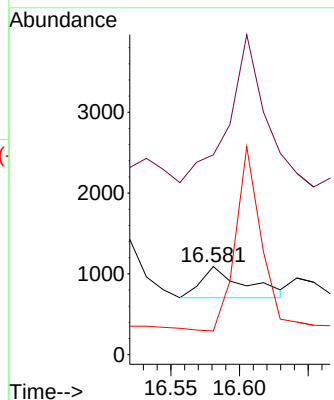
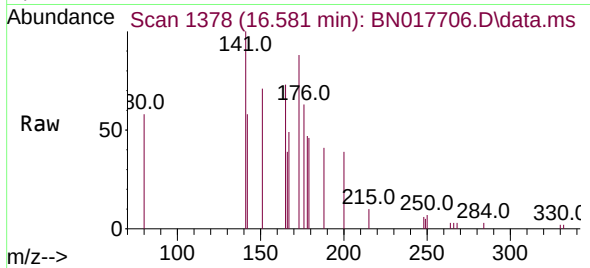




#23
 Atrazine
 Concen: 0.112 ng
 RT: 16.581 min Scan# 1378
 Delta R.T. 0.001 min
 Lab File: BN017706.D
 Acq: 04 Dec 2021 00:32

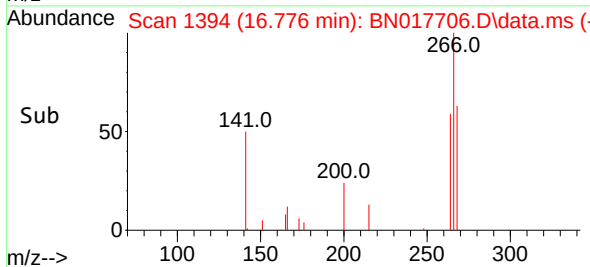
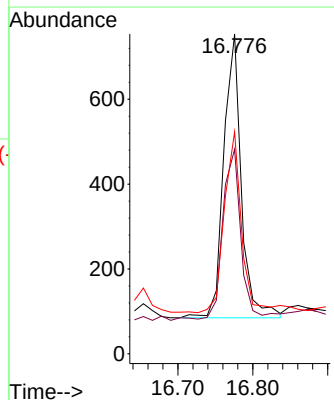
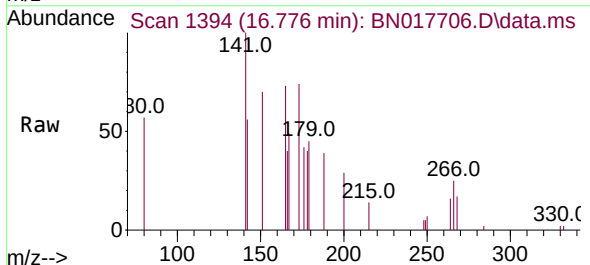
Instrument :
 BNA_N
 ClientSampleId :
 MW-22

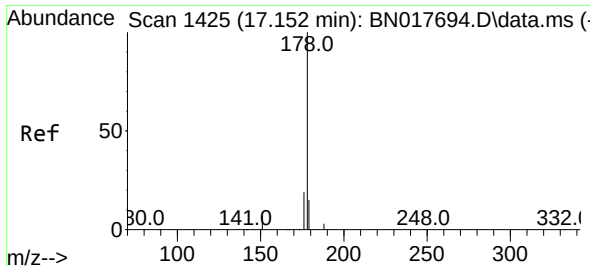
Tgt Ion:200 Resp: 853
 Ion Ratio Lower Upper
 200 100
 173 226.8 17.6 26.4#
 215 26.9 40.2 60.4#



#24
 Pentachlorophenol
 Concen: 0.311 ng
 RT: 16.776 min Scan# 1394
 Delta R.T. 0.001 min
 Lab File: BN017706.D
 Acq: 04 Dec 2021 00:32

Tgt Ion:266 Resp: 1090
 Ion Ratio Lower Upper
 266 100
 264 60.5 49.8 74.8
 268 63.9 51.3 76.9

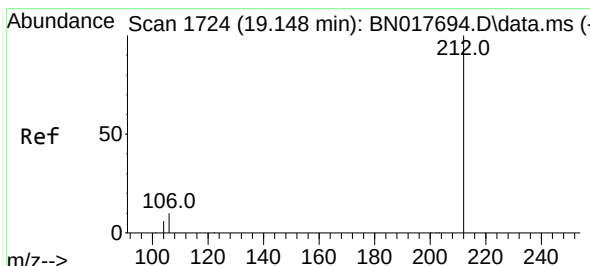
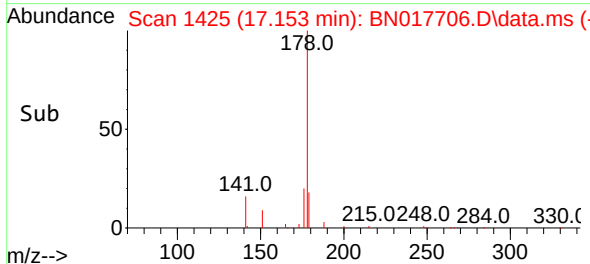
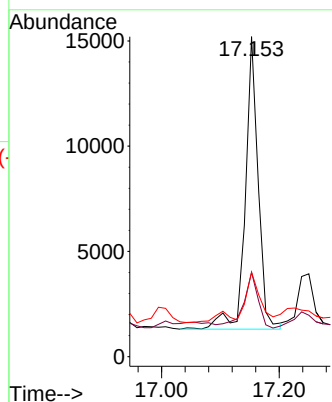
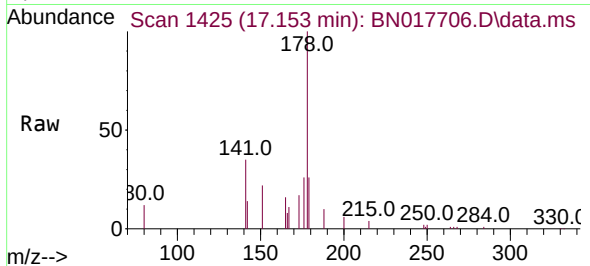




#25
Phenanthrene
Concen: 0.070 ng
RT: 17.153 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

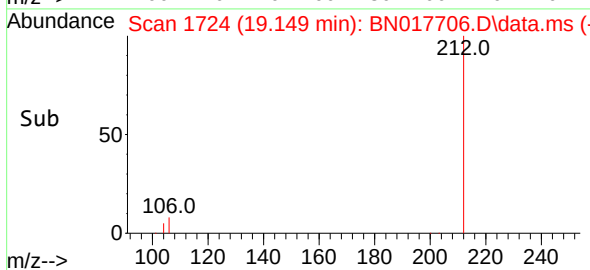
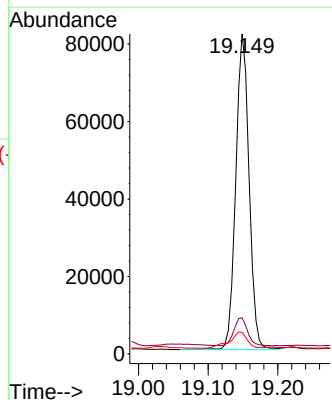
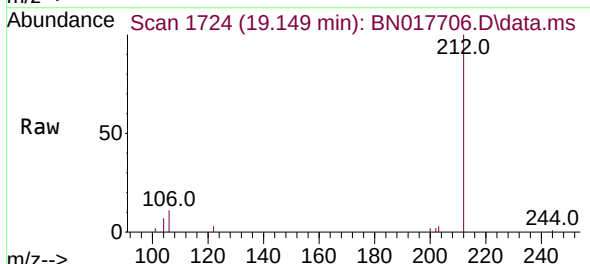
Instrument :
BNA_N
ClientSampleId :
MW-22

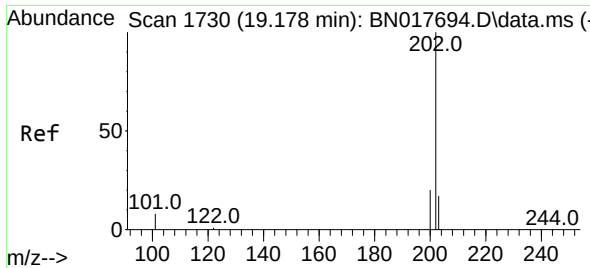
Tgt Ion:178 Resp: 21034
Ion Ratio Lower Upper
178 100
176 21.7 15.0 22.6
179 16.9 12.3 18.5



#27
Fluoranthene-d10
Concen: 0.294 ng
RT: 19.149 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

Tgt Ion:212 Resp: 108253
Ion Ratio Lower Upper
212 100
106 9.1 10.5 15.7#
104 6.7 5.8 8.6

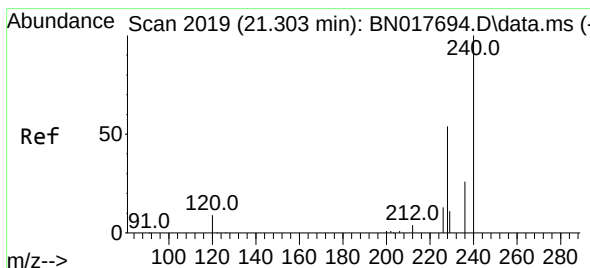
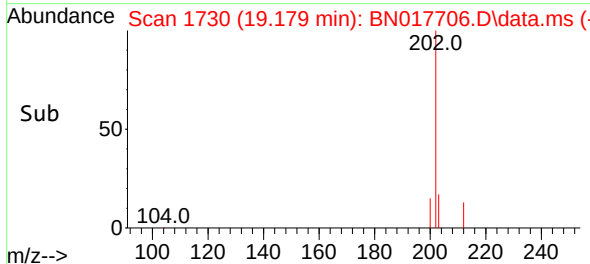
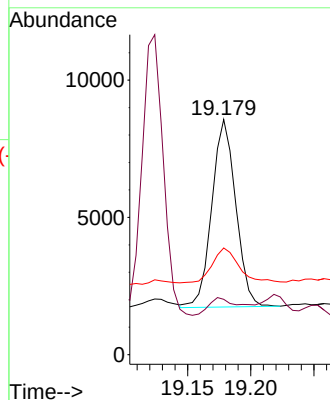
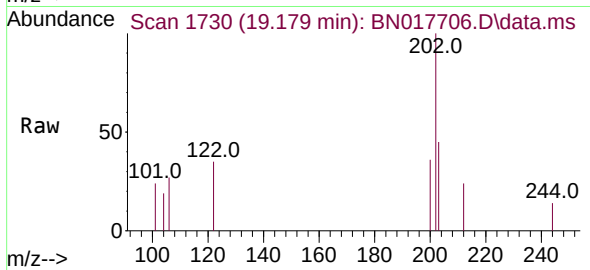




#28
Fluoranthene
Concen: 0.025 ng
RT: 19.179 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

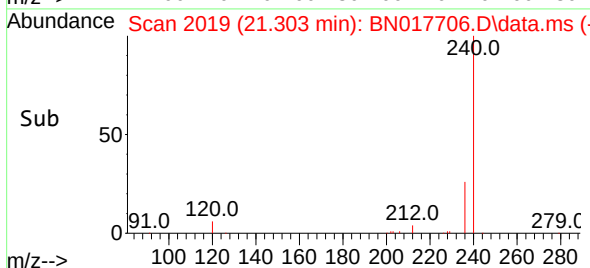
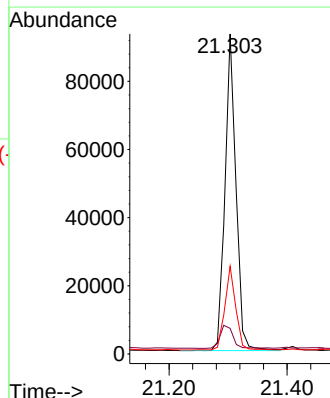
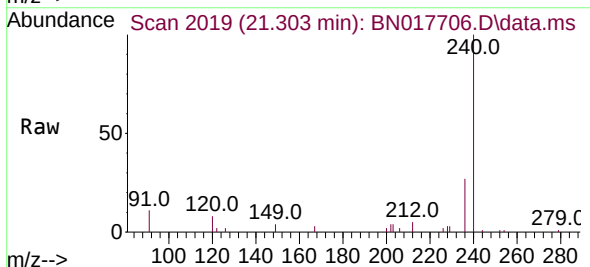
Instrument :
BNA_N
ClientSampleId :
MW-22

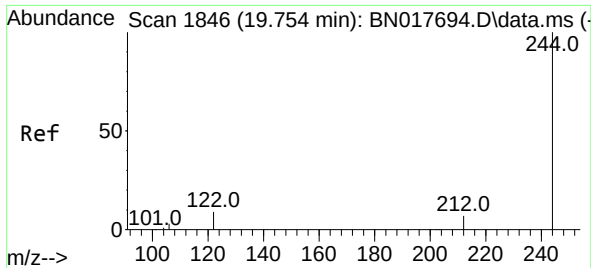
Tgt Ion:202 Resp: 9009
Ion Ratio Lower Upper
202 100
101 11.7 8.9 13.3
203 20.9 13.8 20.6#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

Tgt Ion:240 Resp: 119571
Ion Ratio Lower Upper
240 100
120 8.0 4.2 6.2#
236 27.4 20.0 30.0

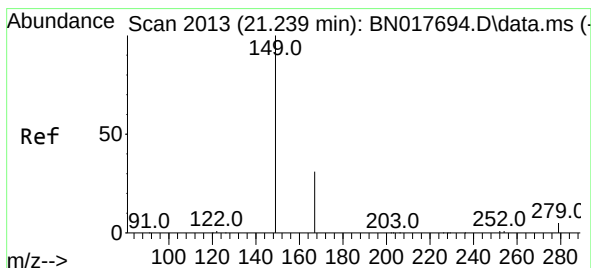
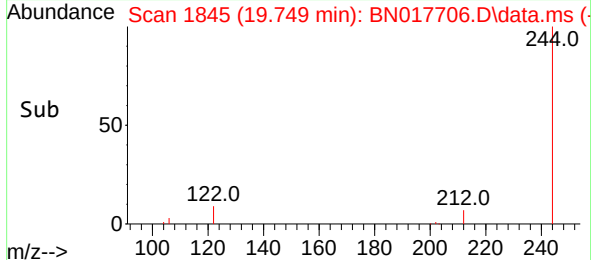
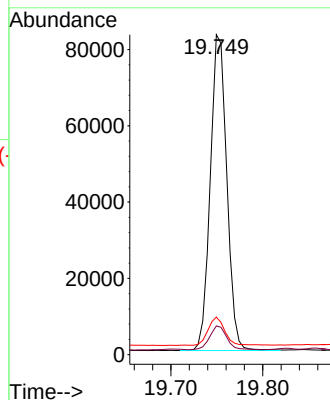
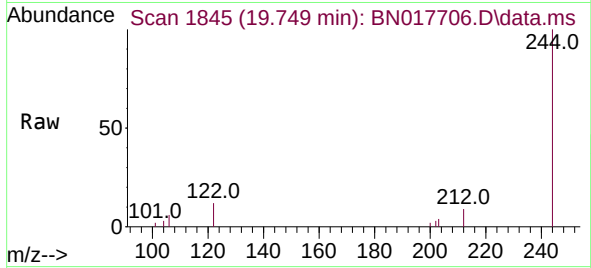




#31
Terphenyl-d14
Concen: 0.391 ng
RT: 19.749 min Scan# 1846
Delta R.T. -0.005 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

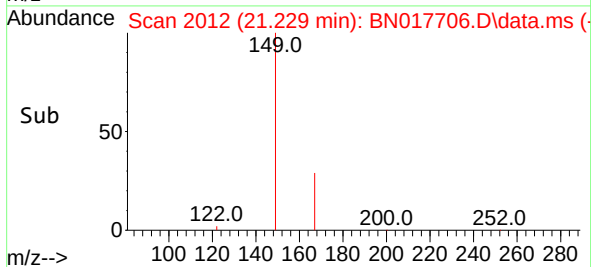
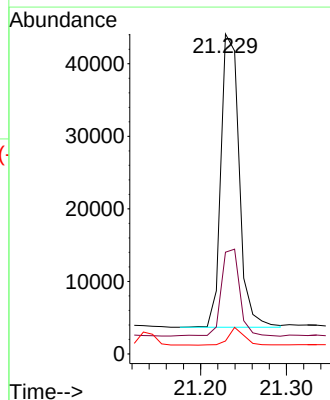
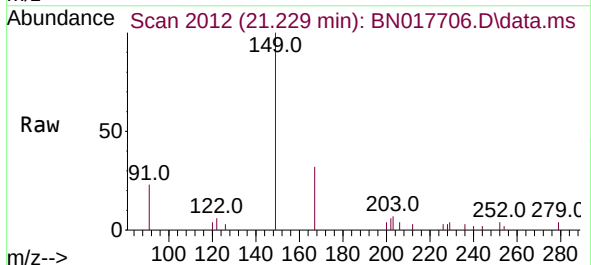
Instrument :
BNA_N
ClientSampleId :
MW-22

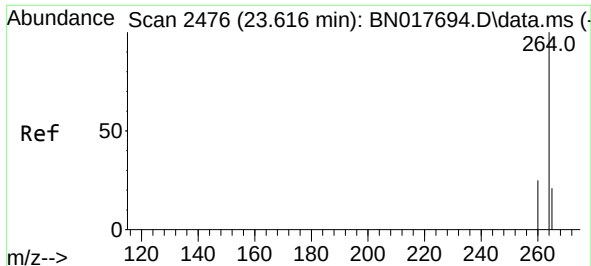
Tgt Ion:244 Resp: 103806
Ion Ratio Lower Upper
244 100
212 9.0 5.7 8.5#
122 11.8 8.6 13.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.526 ng
RT: 21.229 min Scan# 2012
Delta R.T. -0.010 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

Tgt Ion:149 Resp: 59782
Ion Ratio Lower Upper
149 100
167 29.9 21.8 32.6
279 5.2 3.4 5.0#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.609 min Scan# 2476

Delta R.T. -0.006 min

Lab File: BN017706.D

Acq: 04 Dec 2021 00:32

Instrument :

BNA_N

ClientSampleId :

MW-22

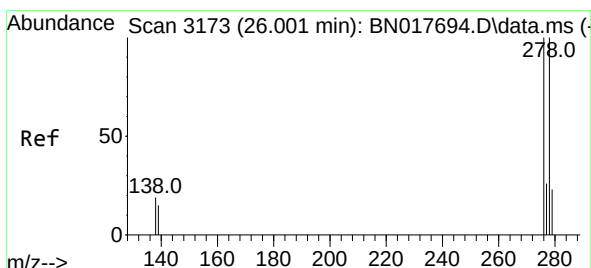
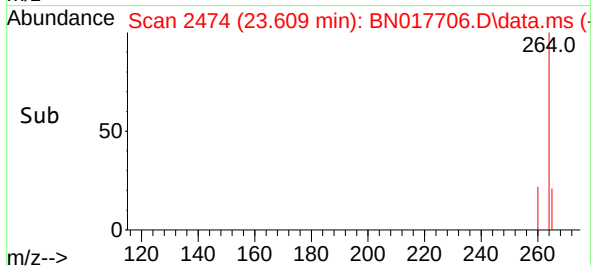
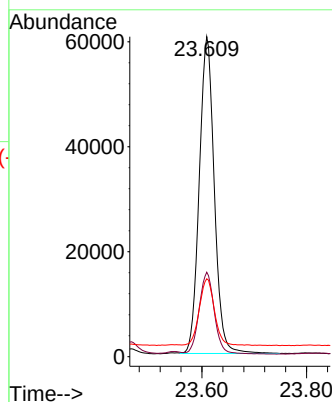
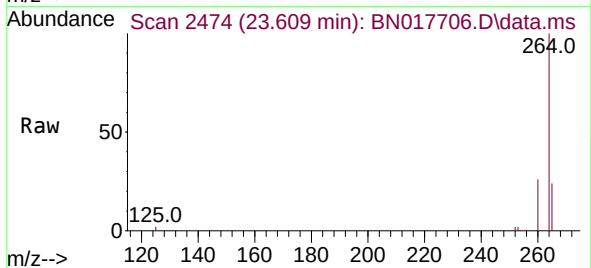
Tgt Ion:264 Resp: 120235

Ion Ratio Lower Upper

264 100

260 26.4 19.4 29.2

265 24.3 18.6 28.0



#40

Dibenzo(a,h)anthracene

Concen: 0.085 ng

RT: 25.998 min Scan# 3172

Delta R.T. -0.003 min

Lab File: BN017706.D

Acq: 04 Dec 2021 00:32

Tgt Ion:278 Resp: 900

Ion Ratio Lower Upper

278 100

139 178.8 13.0 19.6#

279 89.4 19.2 28.8#

