

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
 Data File : BN017757.D
 Acq On : 07 Dec 2021 08:33
 Operator : CG/JU
 Sample : M4917-15RE
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-31RE

Quant Time: Dec 07 16:02:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 06 15:58:05 2021
 Response via : Initial Calibration

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

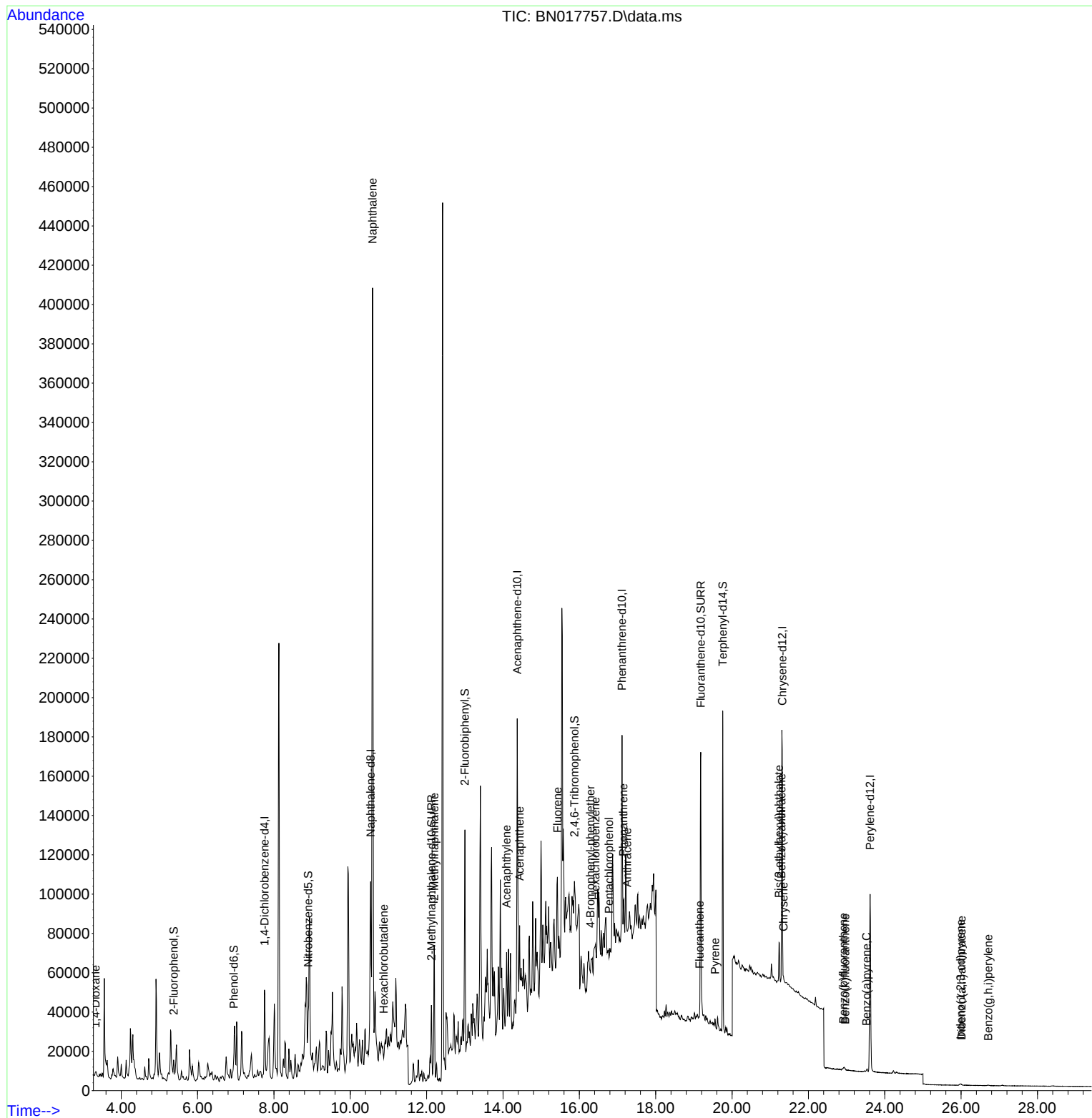
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	24054	0.400	ng	0.00
7) Naphthalene-d8	10.532	136	97771	0.400	ng	# 0.00
13) Acenaphthene-d10	14.373	164	70815	0.400	ng	# 0.00
19) Phenanthrene-d10	17.117	188	133426	0.400	ng	# 0.00
29) Chrysene-d12	21.315	240	138797	0.400	ng	0.01
35) Perylene-d12	23.617	264	124286	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.373	112	11751	0.228	ng	0.02
5) Phenol-d6	6.950	99	7274	0.132	ng	0.02
8) Nitrobenzene-d5	8.897	82	24468	0.370	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	54783	0.306	ng	0.00
14) 2,4,6-Tribromophenol	15.870	330	20708	0.603	ng	0.00
15) 2-Fluorobiphenyl	13.003	172	94821	0.362	ng	0.00
27) Fluoranthene-d10	19.179	212	175944	0.392	ng	0.02
31) Terphenyl-d14	19.755	244	163318	0.459	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.326	88	255	0.016	ng	# 1
9) Naphthalene	10.583	128	469898	1.938	ng	99
10) Hexachlorobutadiene	10.875	225	14	0.000	ng	# 55
12) 2-Methylnaphthalene	12.197	142	47439	0.285	ng	# 91
16) Acenaphthylene	14.094	152	6338	0.023	ng	# 1
17) Acenaphthene	14.436	154	24316	0.132	ng	96
18) Fluorene	15.426	166	17329	0.073	ng	# 95
21) 4-Bromophenyl-phenylether	16.290	248	204	0.003	ng	# 1
22) Hexachlorobenzene	16.423	284	64	0.001	ng	# 1
24) Pentachlorophenol	16.776	266	335	0.177	ng	# 63
25) Phenanthrene	17.154	178	22220	0.063	ng	# 71
26) Anthracene	17.251	178	5419	0.018	ng	# 1
28) Fluoranthene	19.150	202	741	0.002	ng	# 1
30) Pyrene	19.552	202	3915	0.007	ng	# 79
32) Benzo(a)anthracene	21.293	228	1621	0.004	ng	# 1
33) Chrysene	21.346	228	972	0.002	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.230	149	21214	0.097	ng	# 90
36) Indeno(1,2,3-cd)pyrene	25.985	276	674	0.003	ng	# 78
37) Benzo(b)fluoranthene	22.915	252	1105	0.003	ng	# 1
38) Benzo(k)fluoranthene	22.963	252	862	0.002	ng	# 1
39) Benzo(a)pyrene	23.518	252	880	0.002	ng	# 1
40) Dibenzo(a,h)anthracene	26.009	278	613	0.003	ng	# 1
41) Benzo(g,h,i)perylene	26.711	276	673	0.003	ng	# 1

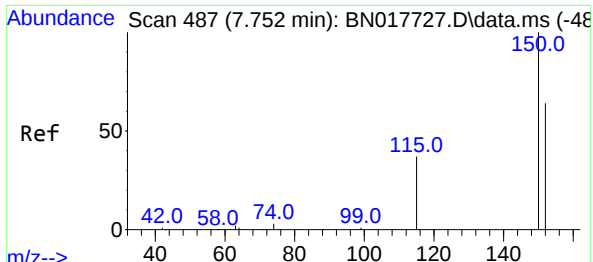
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
Data File : BN017757.D
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MW-31RE

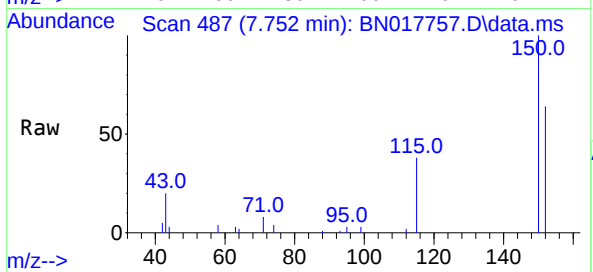
Quant Time: Dec 07 16:02:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



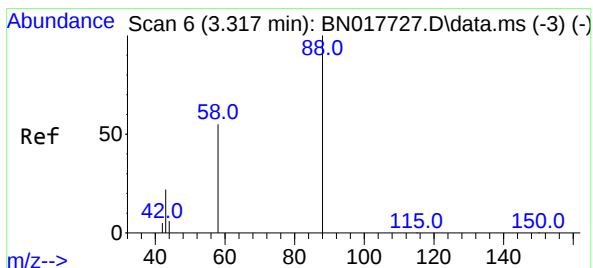
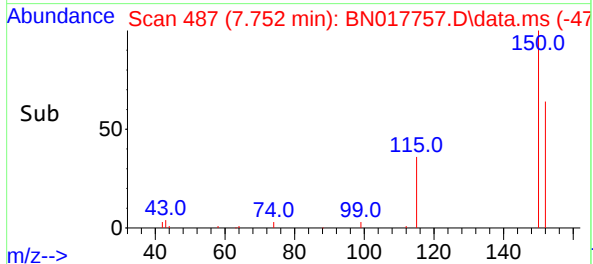
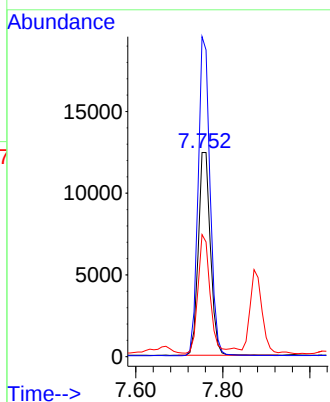


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.752 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

Instrument :
BNA_N
ClientSampleId :
MW-31RE

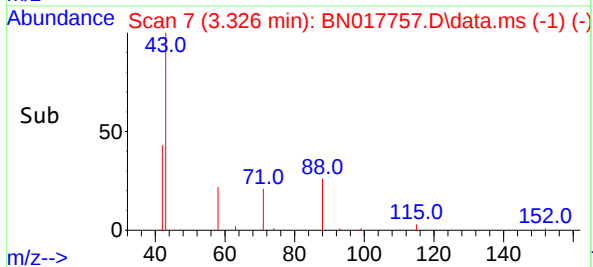
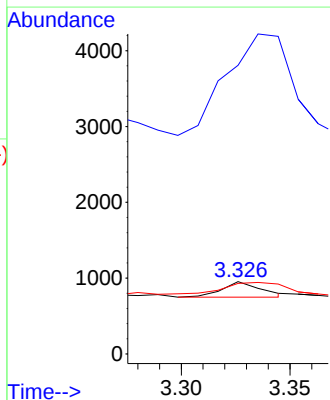
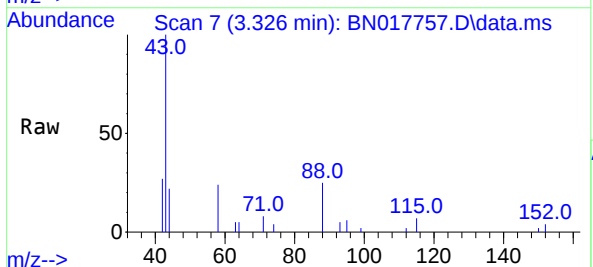


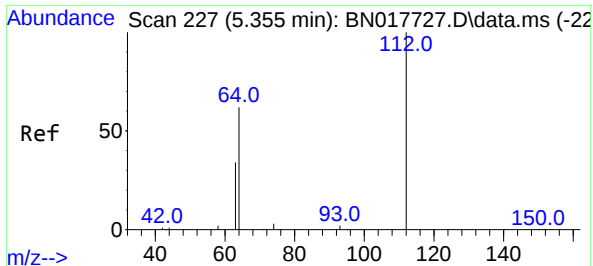
Tgt Ion:152 Resp: 24054
Ion Ratio Lower Upper
152 100
150 156.7 123.0 184.4
115 59.8 45.6 68.4



#2
1,4-Dioxane
Concen: 0.016 ng
RT: 3.326 min Scan# 7
Delta R.T. 0.009 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

Tgt Ion: 88 Resp: 255
Ion Ratio Lower Upper
88 100
43 960.0 24.7 37.1#
58 111.4 63.0 94.6#

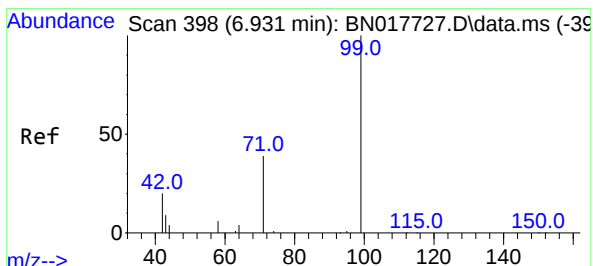
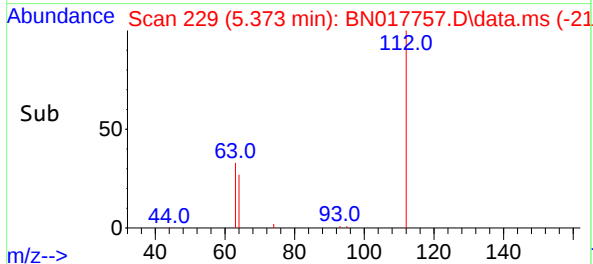
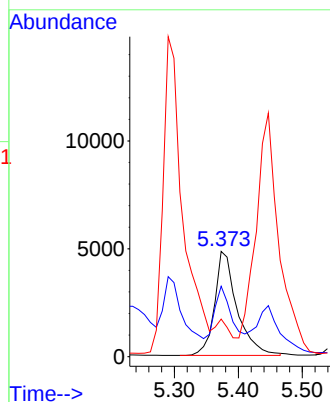
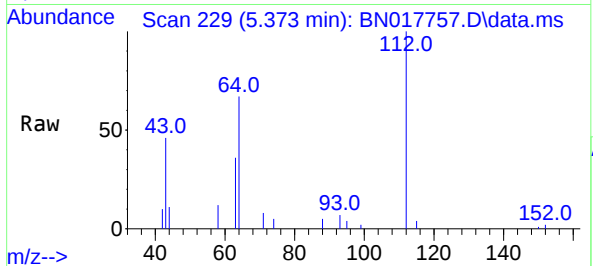




#4
2-Fluorophenol
Concen: 0.228 ng
RT: 5.373 min Scan# 21
Delta R.T. 0.018 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

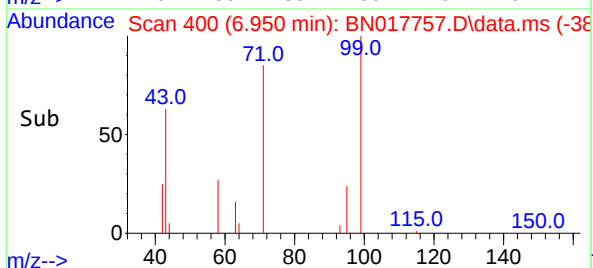
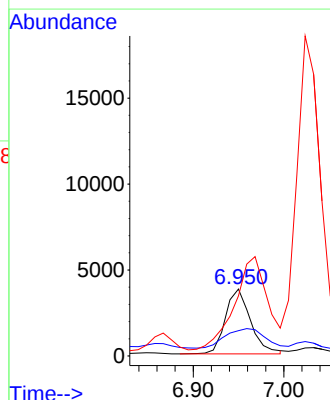
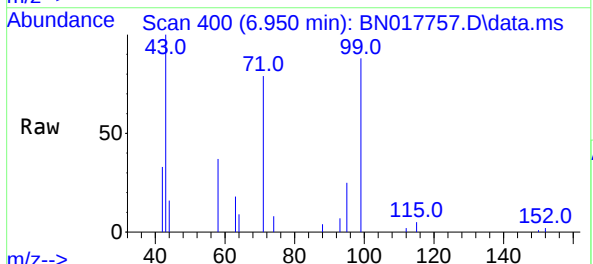
Instrument :
BNA_N
ClientSampleId :
MW-31RE

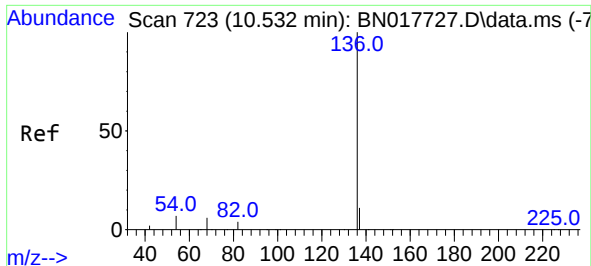
Tgt Ion:112 Resp: 11751
Ion Ratio Lower Upper
112 100
64 33.5 47.6 71.4#
63 0.0 24.6 37.0#



#5
Phenol-d6
Concen: 0.132 ng
RT: 6.950 min Scan# 400
Delta R.T. 0.018 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

Tgt Ion: 99 Resp: 7274
Ion Ratio Lower Upper
99 100
42 46.3 17.0 25.6#
71 188.3 24.8 37.2#

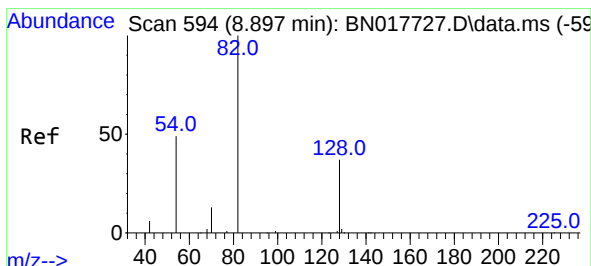
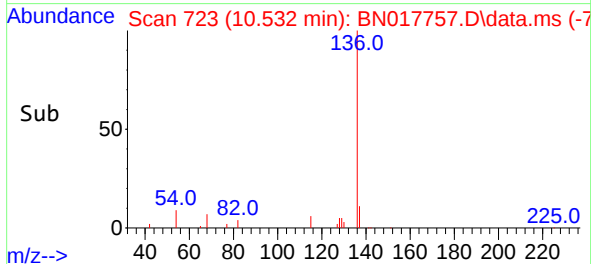
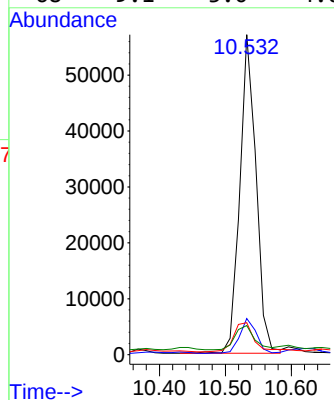
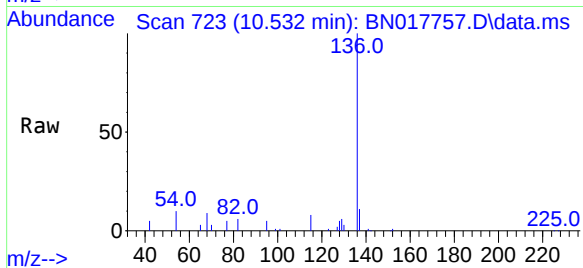




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.532 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

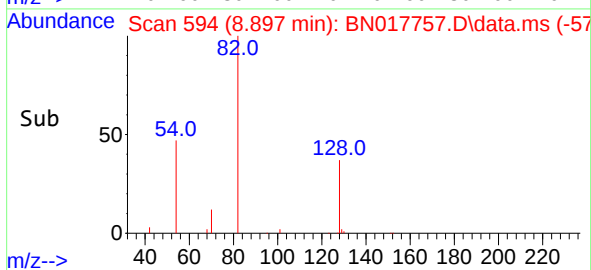
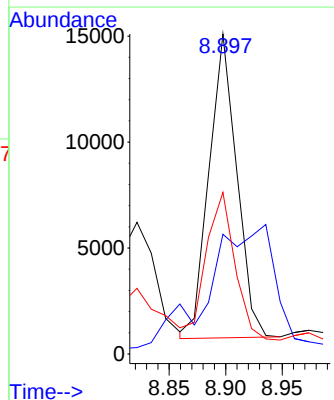
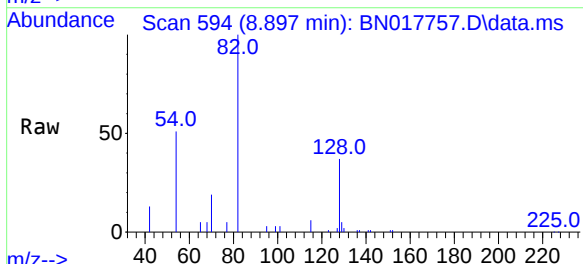
Instrument :
BNA_N
ClientSampleId :
MW-31RE

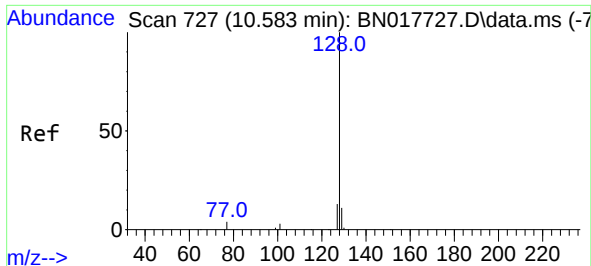
Tgt Ion:	136	Resp:	97771
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	10.0	4.0	6.0#
68	9.1	3.0	4.6#



#8
Nitrobenzene-d5
Concen: 0.370 ng
RT: 8.897 min Scan# 594
Delta R.T. -0.000 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

Tgt Ion:	82	Resp:	24468
Ion	Ratio	Lower	Upper
82	100		
128	37.4	27.7	41.5
54	50.5	49.2	73.8

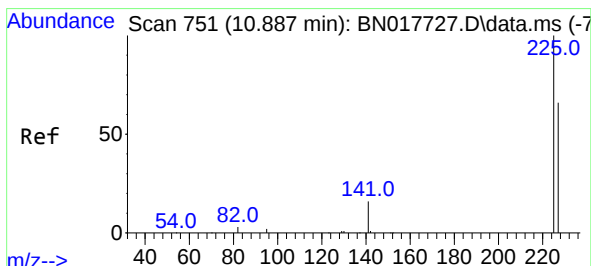
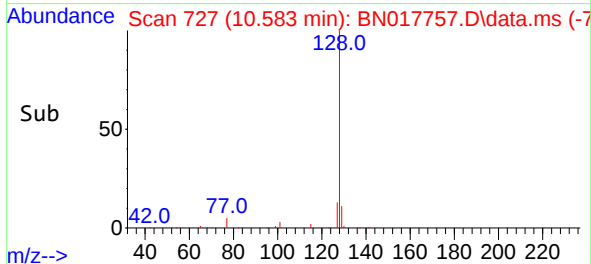
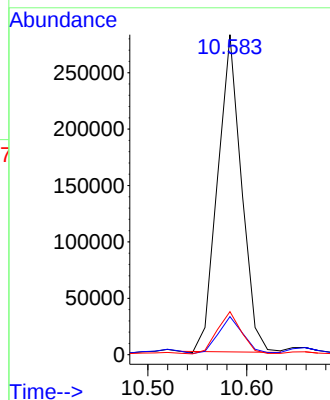
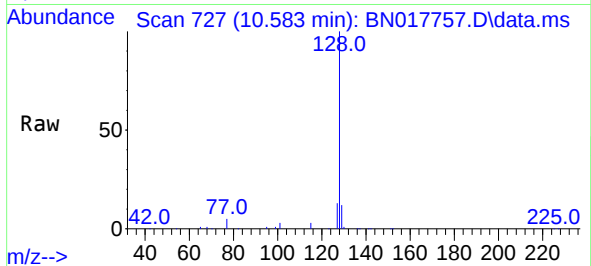




#9
Naphthalene
Concen: 1.938 ng
RT: 10.583 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

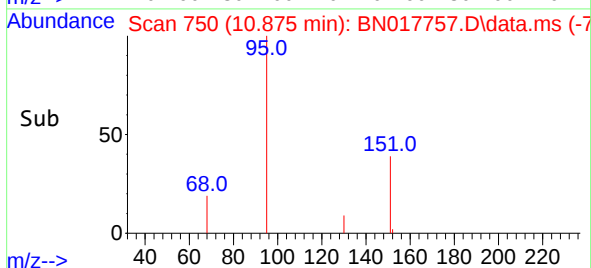
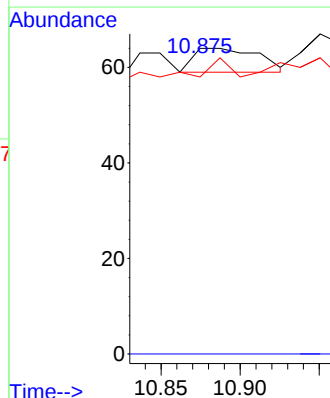
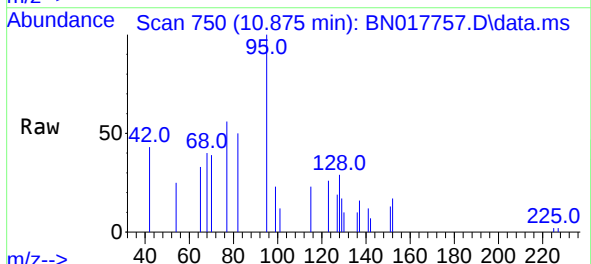
Instrument :
BNA_N
ClientSampleId :
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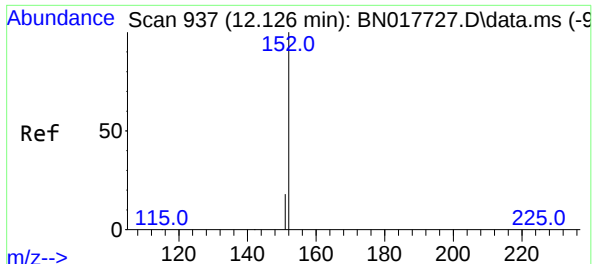
Tgt Ion:128 Resp: 469898
Ion Ratio Lower Upper
128 100
129 11.9 8.8 13.2
127 13.4 10.6 15.8



#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 10.875 min Scan# 750
Delta R.T. -0.013 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

Tgt Ion:225 Resp: 14
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 28.6 51.1 76.7#





#11

2-Methylnaphthalene-d10

Concen: 0.306 ng

RT: 12.126 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN017757.D

Acq: 07 Dec 2021 08:33

Instrument :

BNA_N

ClientSampleId :

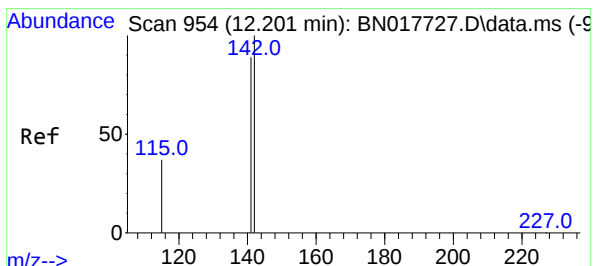
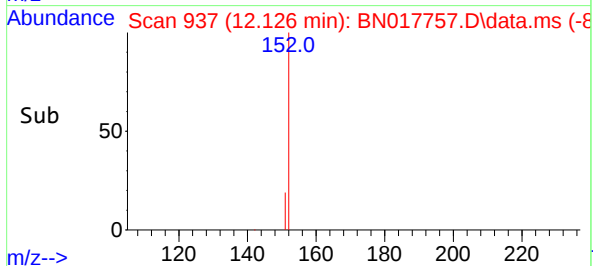
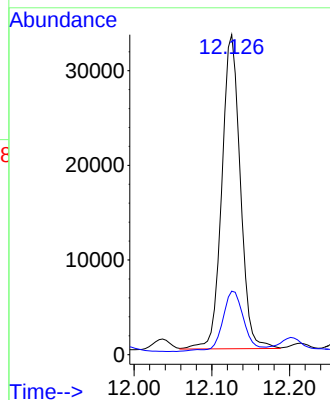
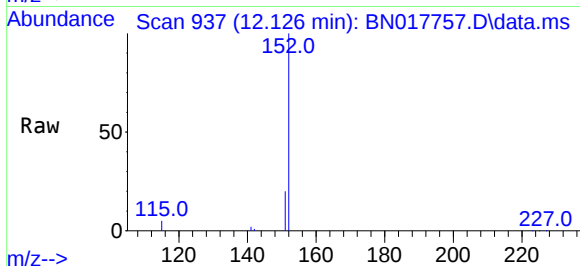
MW-31RE

Tgt Ion:152 Resp: 54783

Ion Ratio Lower Upper

152 100

151 22.4 16.2 24.4



#12

2-Methylnaphthalene

Concen: 0.285 ng

RT: 12.197 min Scan# 953

Delta R.T. -0.004 min

Lab File: BN017757.D

Acq: 07 Dec 2021 08:33

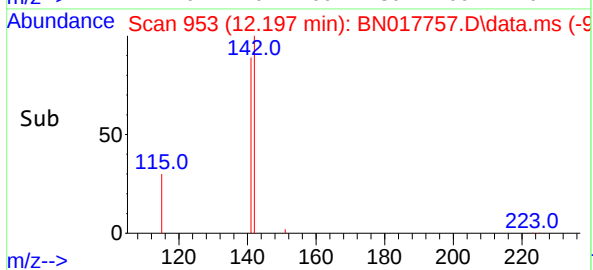
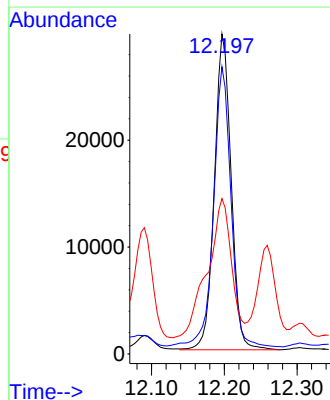
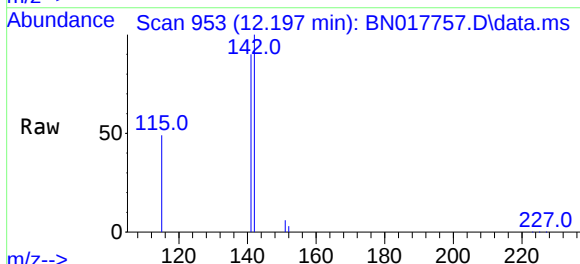
Tgt Ion:142 Resp: 47439

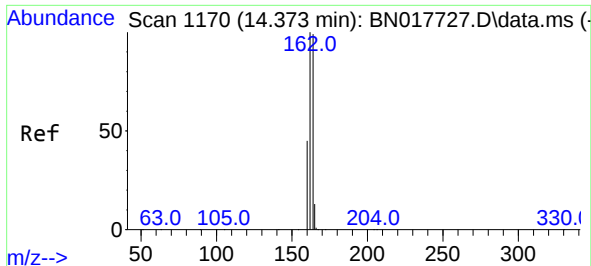
Ion Ratio Lower Upper

142 100

141 89.7 70.6 106.0

115 48.5 25.8 38.6#

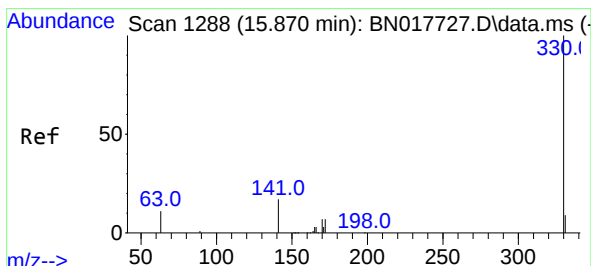
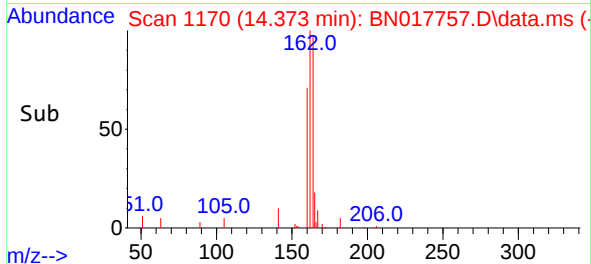
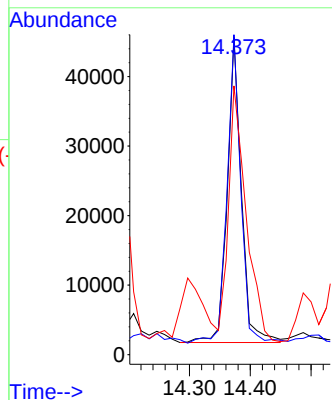
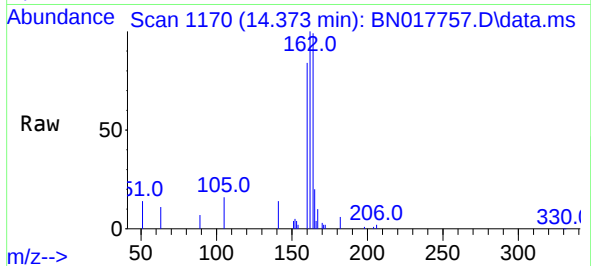




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.373 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

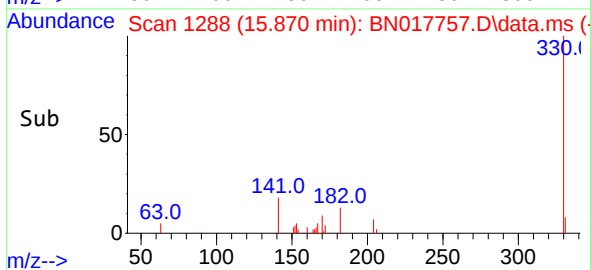
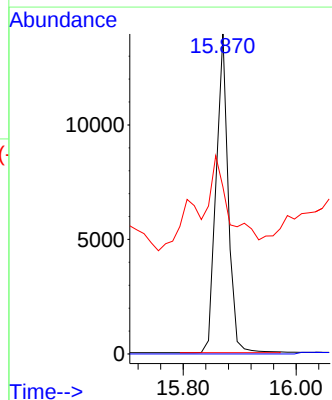
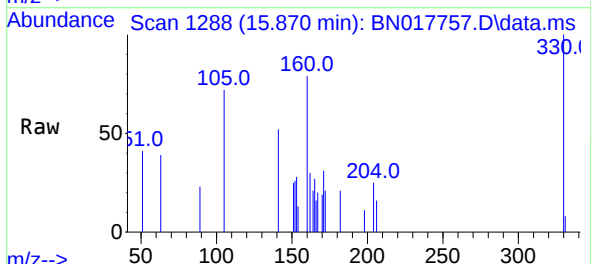
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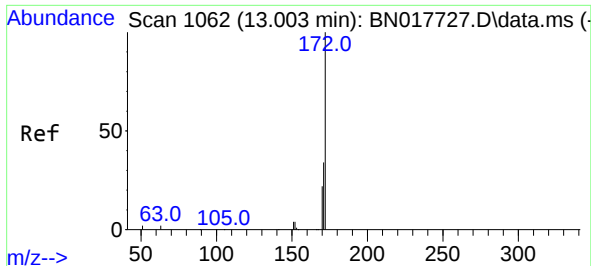
Tgt Ion:164 Resp: 70815
Ion Ratio Lower Upper
164 100
162 100.8 81.4 122.2
160 84.7 36.8 55.2#



#14
2,4,6-Tribromophenol
Concen: 0.603 ng
RT: 15.870 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

Tgt Ion:330 Resp: 20708
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.4 28.9 43.3

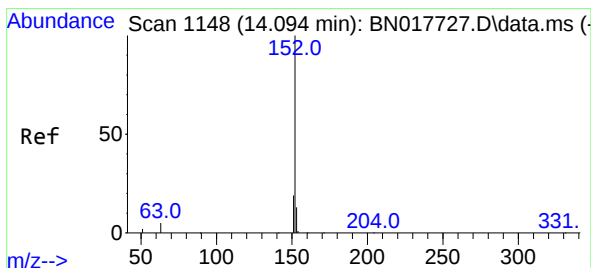
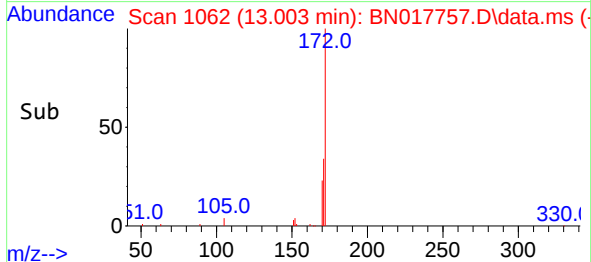
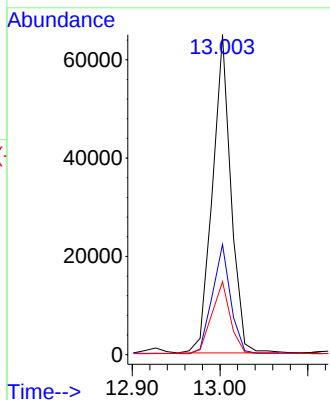
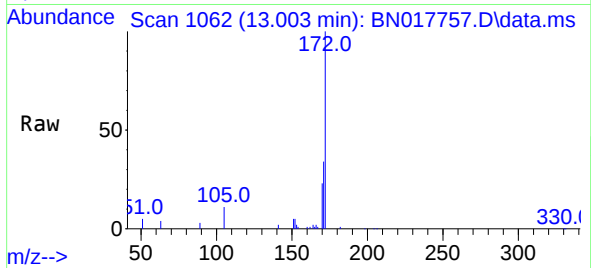




#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.003 min Scan# 1062
Delta R.T. 0.000 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

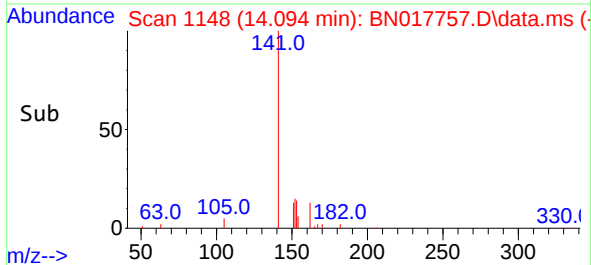
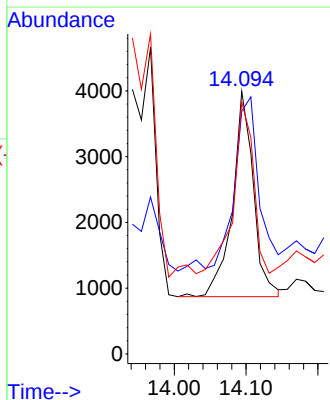
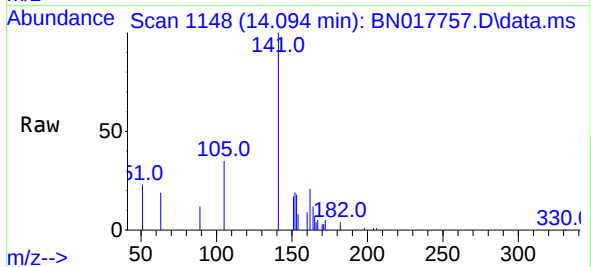
Instrument :
BNA_N
ClientSampleId :
MW-31RE

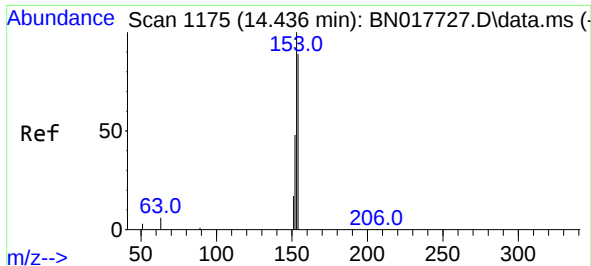
Tgt Ion:172 Resp: 94821
Ion Ratio Lower Upper
172 100
171 34.5 28.7 43.1
170 22.8 19.4 29.2



#16
Acenaphthylene
Concen: 0.023 ng
RT: 14.094 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

Tgt Ion:152 Resp: 6338
Ion Ratio Lower Upper
152 100
151 102.8 15.5 23.3#
153 79.4 10.4 15.6#

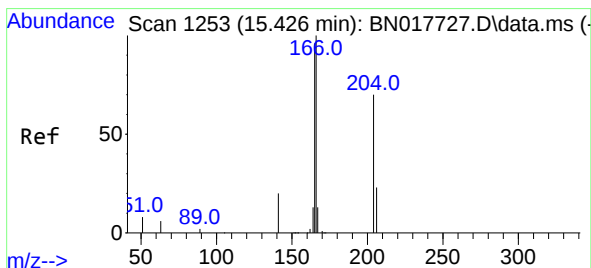
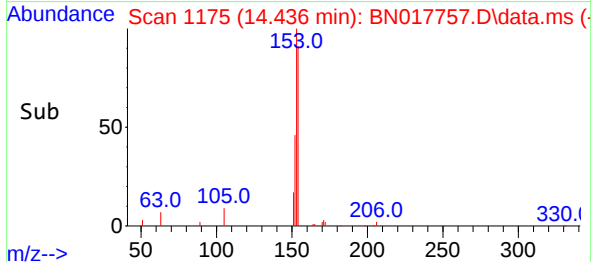
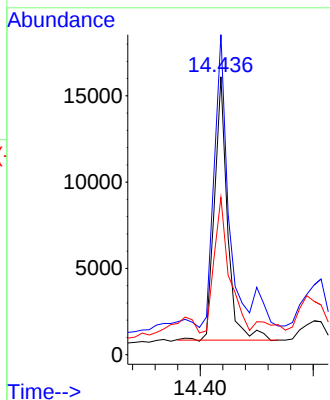
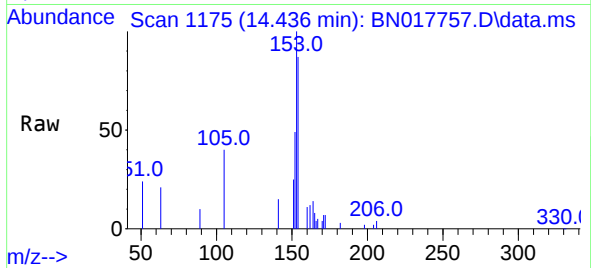




#17
Acenaphthene
Concen: 0.132 ng
RT: 14.436 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

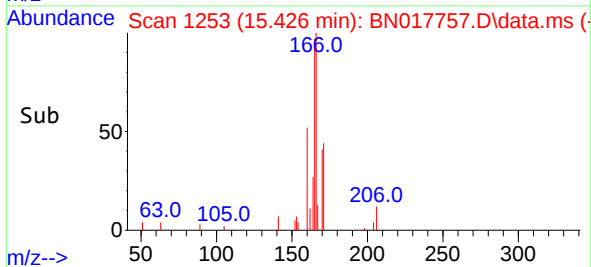
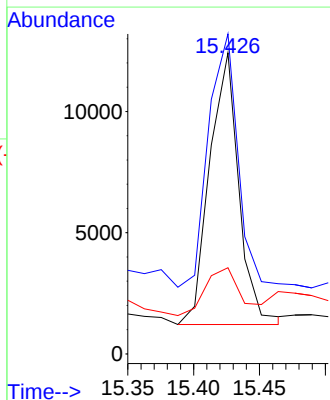
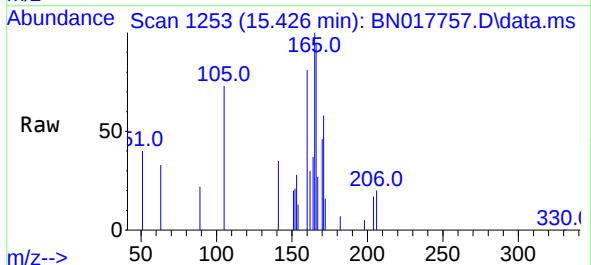
Instrument :
BNA_N
ClientSampleId :
MW-31RE

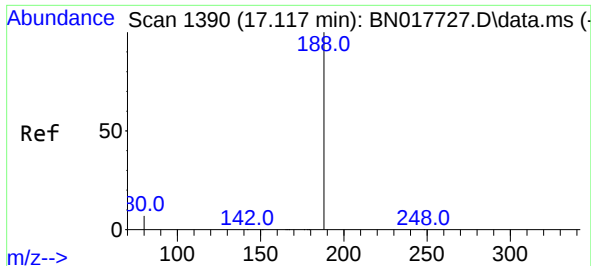
Tgt Ion:154 Resp: 24316
Ion Ratio Lower Upper
154 100
153 117.4 91.2 136.8
152 59.6 44.3 66.5



#18
Fluorene
Concen: 0.073 ng
RT: 15.426 min Scan# 1253
Delta R.T. -0.000 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

Tgt Ion:166 Resp: 17329
Ion Ratio Lower Upper
166 100
165 94.2 77.9 116.9
167 21.4 10.9 16.3#

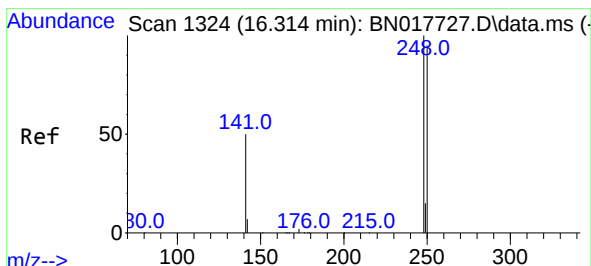
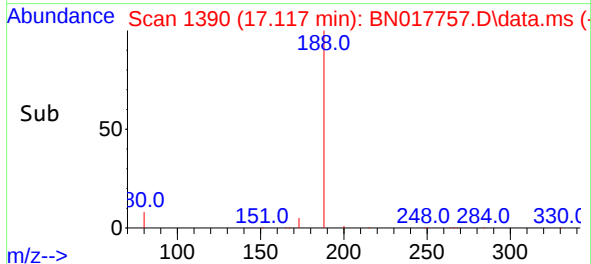
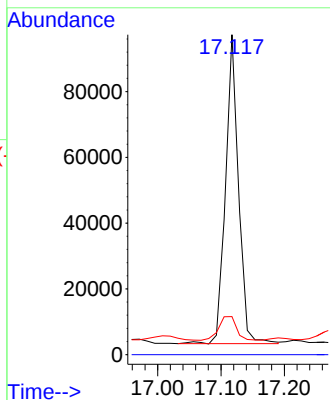
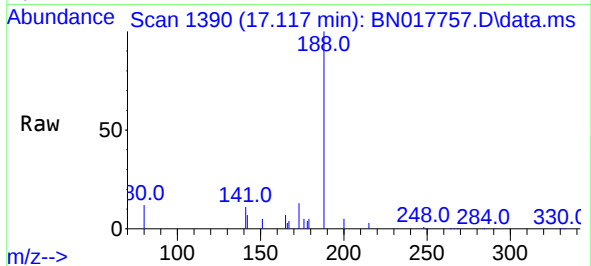




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.117 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

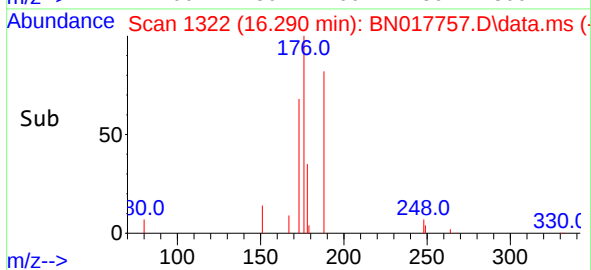
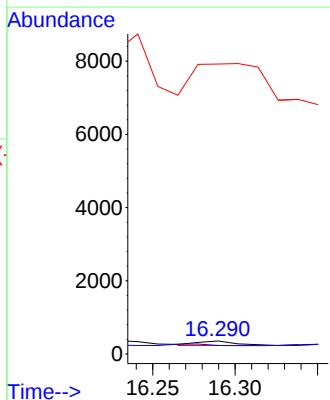
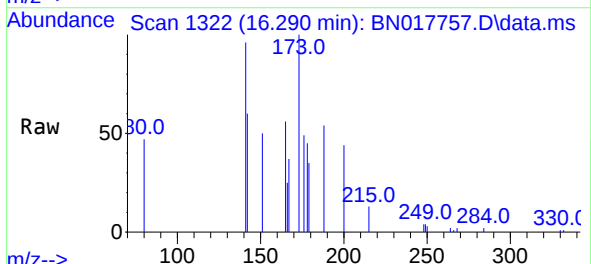
Instrument :
BNA_N
ClientSampleId :
MW-31RE

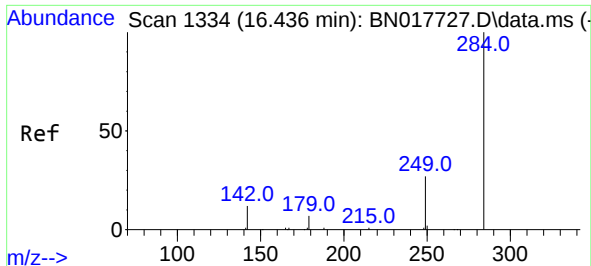
Tgt Ion:188 Resp: 133426
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 6.1 9.1#



#21
4-Bromophenyl-phenylether
Concen: 0.003 ng
RT: 16.290 min Scan# 1322
Delta R.T. -0.024 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

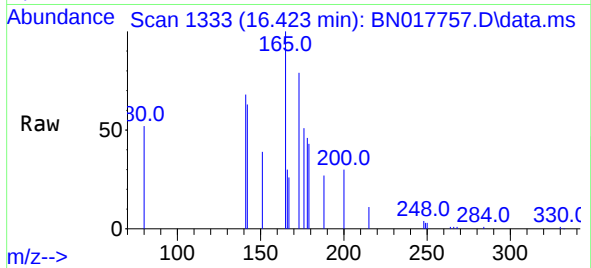
Tgt Ion:248 Resp: 204
Ion Ratio Lower Upper
248 100
250 65.6 71.8 107.8#
141 2231.3 70.9 106.3#



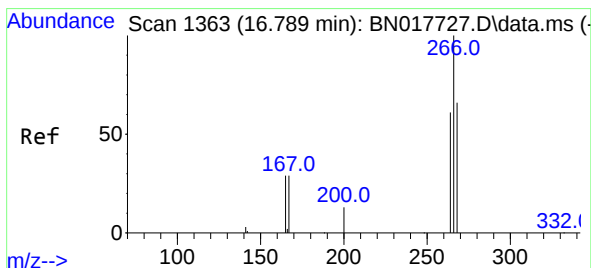
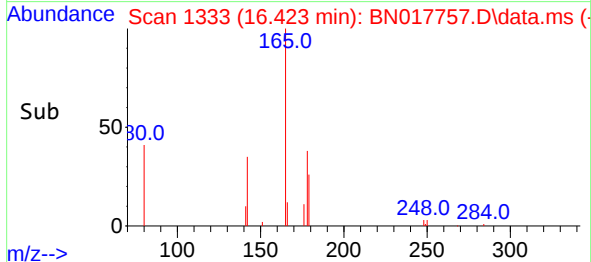
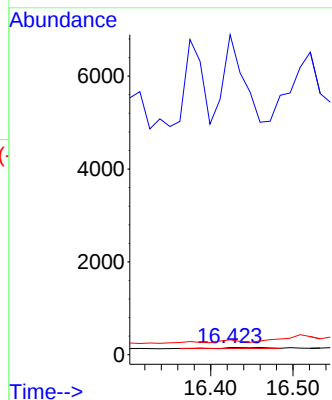


#22
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.423 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

Instrument :
BNA_N
ClientSampleId :
MW-31RE

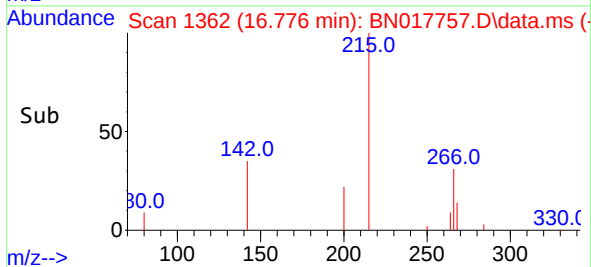
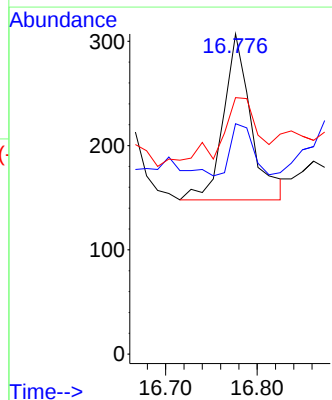
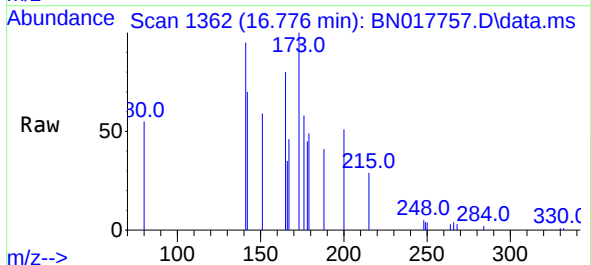


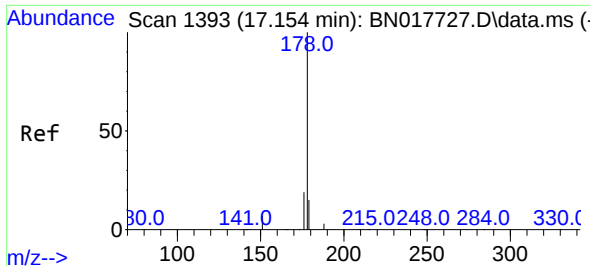
Tgt Ion:284 Resp: 64
Ion Ratio Lower Upper
284 100
142 4903.1 28.2 42.2#
249 146.9 24.4 36.6#



#24
Pentachlorophenol
Concen: 0.177 ng
RT: 16.776 min Scan# 1362
Delta R.T. -0.013 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

Tgt Ion:266 Resp: 335
Ion Ratio Lower Upper
266 100
264 24.5 49.8 74.8#
268 44.5 51.3 76.9#

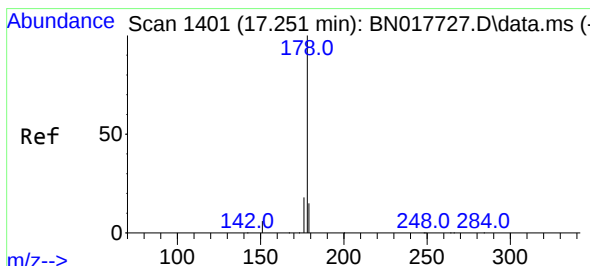
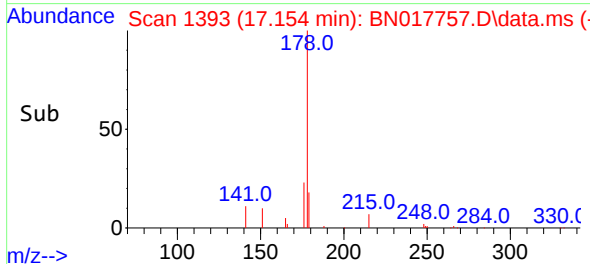
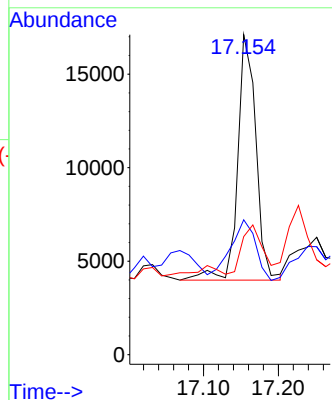
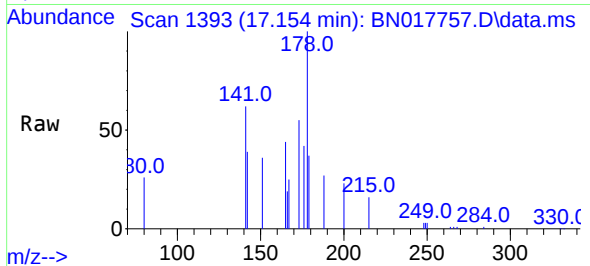




#25
Phenanthrene
Concen: 0.063 ng
RT: 17.154 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

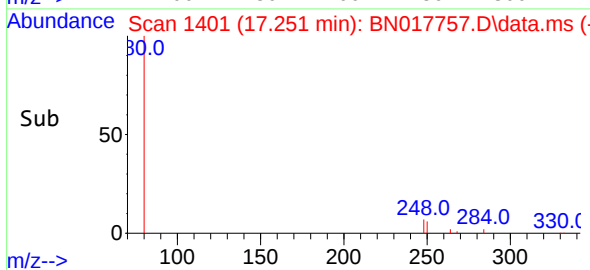
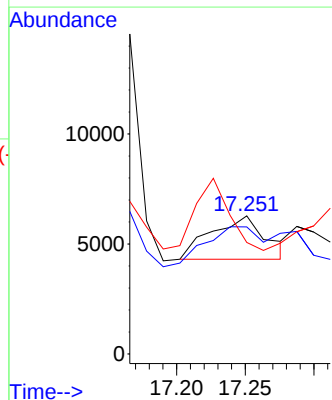
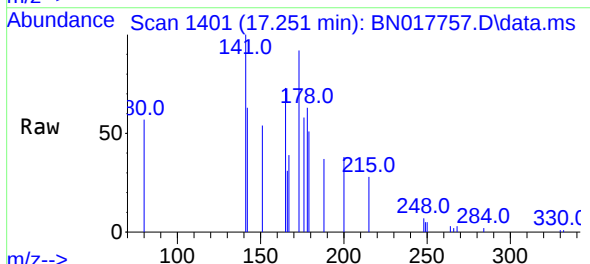
Instrument :
BNA_N
ClientSampleId :
MW-31RE

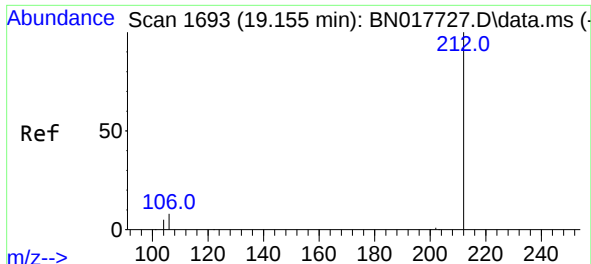
Tgt Ion:178 Resp: 22220
Ion Ratio Lower Upper
178 100
176 35.7 15.0 22.6#
179 22.9 12.3 18.5#



#26
Anthracene
Concen: 0.018 ng
RT: 17.251 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

Tgt Ion:178 Resp: 5419
Ion Ratio Lower Upper
178 100
176 148.7 14.6 22.0#
179 0.0 12.2 18.4#

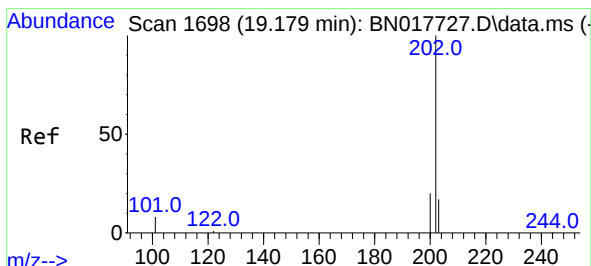
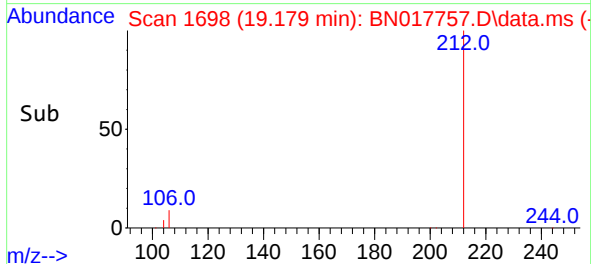
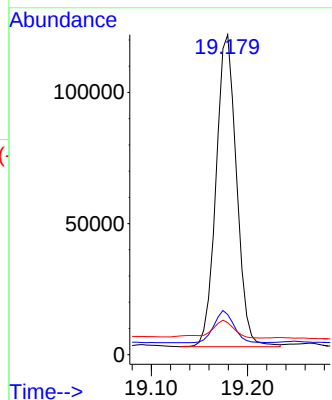
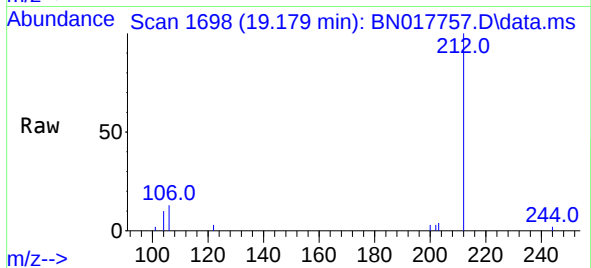




#27
Fluoranthene-d10
Concen: 0.392 ng
RT: 19.179 min Scan# 1698
Delta R.T. 0.025 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

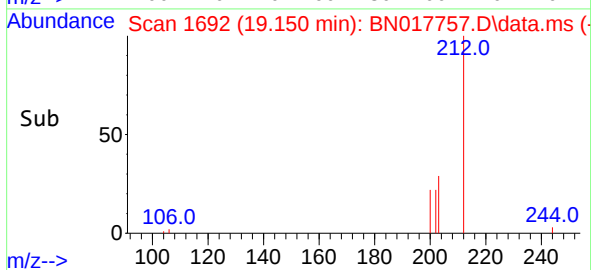
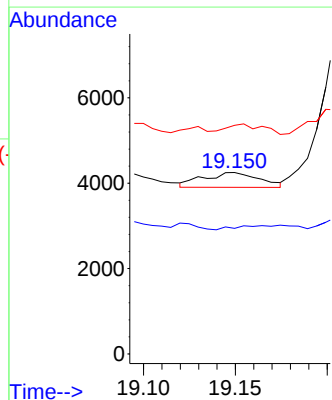
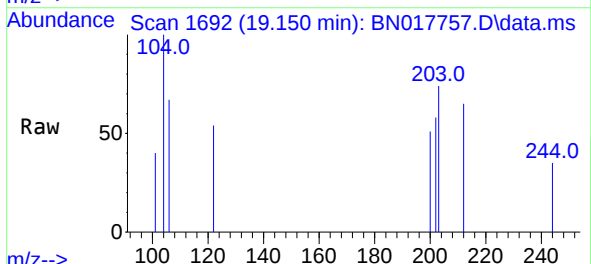
Instrument :
BNA_N
ClientSampleId :
MW-31RE

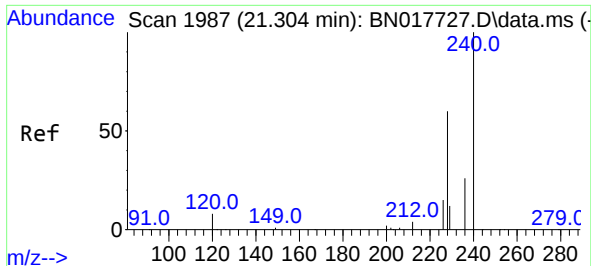
Tgt Ion:212 Resp: 175944
Ion Ratio Lower Upper
212 100
106 10.0 10.5 15.7#
104 6.6 5.8 8.6



#28
Fluoranthene
Concen: 0.002 ng
RT: 19.150 min Scan# 1692
Delta R.T. -0.030 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

Tgt Ion:202 Resp: 741
Ion Ratio Lower Upper
202 100
101 0.0 8.9 13.3#
203 97.7 13.8 20.6#

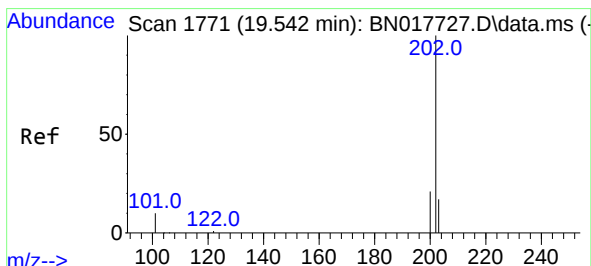
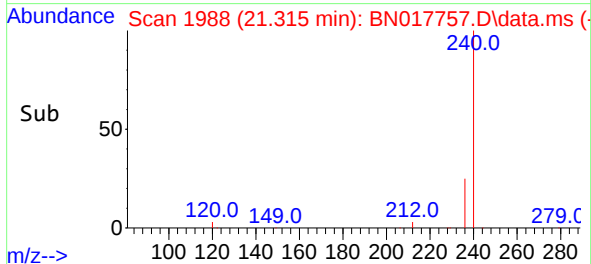
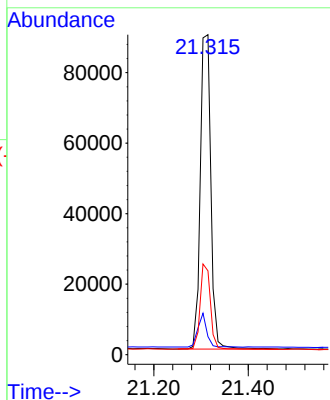
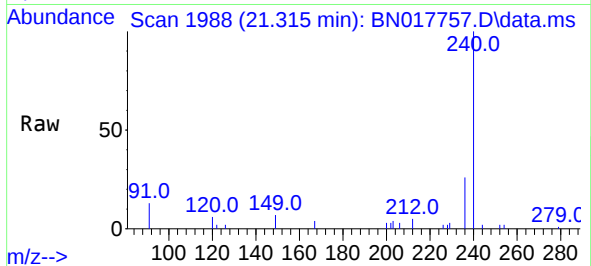




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.315 min Scan# 1988
Delta R.T. 0.011 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

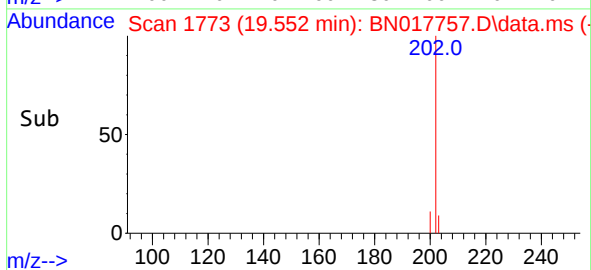
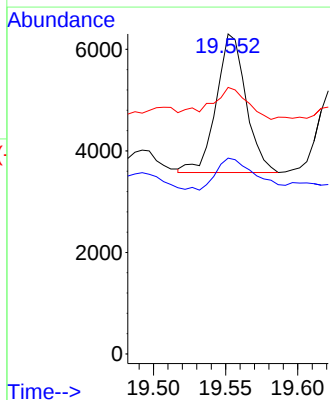
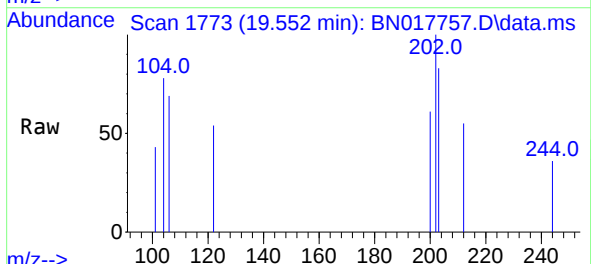
Instrument :
BNA_N
ClientSampleId :
MW-31RE

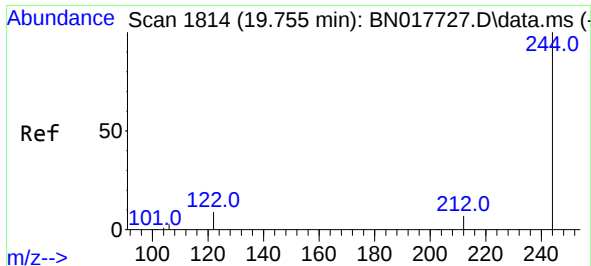
Tgt Ion:240 Resp: 138797
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.2
236 26.2 20.0 30.0



#30
Pyrene
Concen: 0.007 ng
RT: 19.552 min Scan# 1773
Delta R.T. 0.010 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

Tgt Ion:202 Resp: 3915
Ion Ratio Lower Upper
202 100
200 29.5 16.5 24.7#
203 27.6 14.0 21.0#

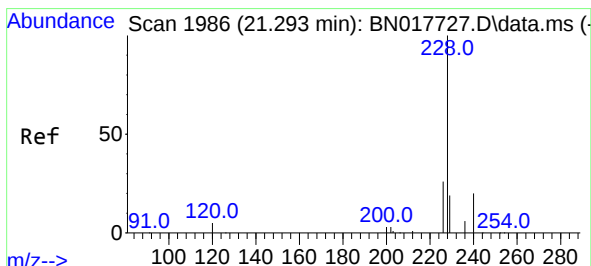
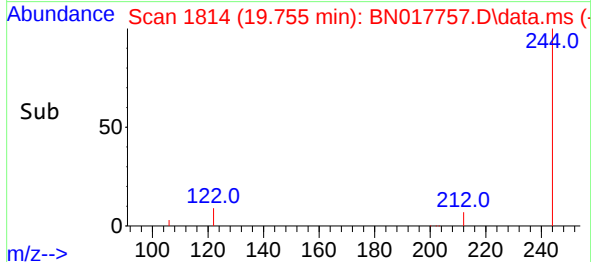
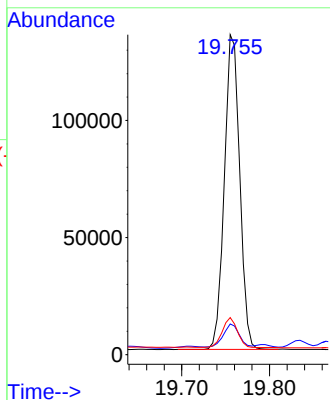
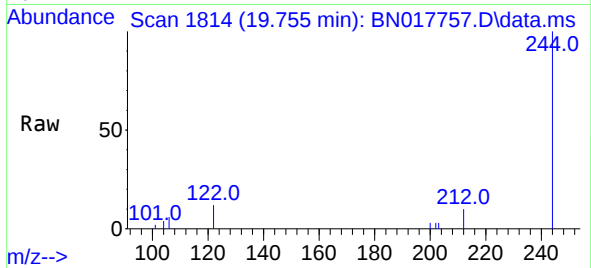




#31
 Terphenyl-d14
 Concen: 0.459 ng
 RT: 19.755 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BN017757.D
 Acq: 07 Dec 2021 08:33

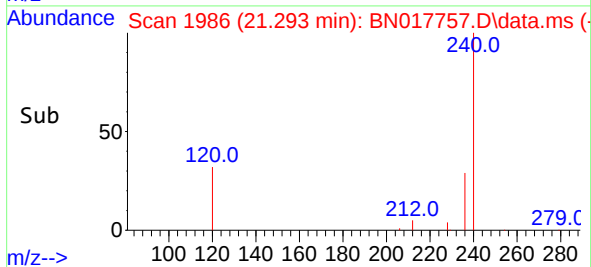
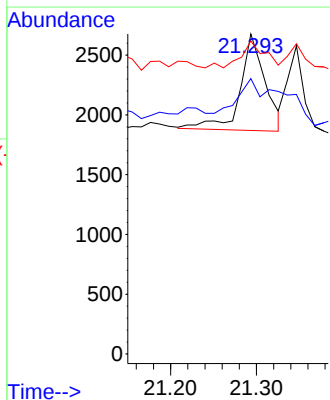
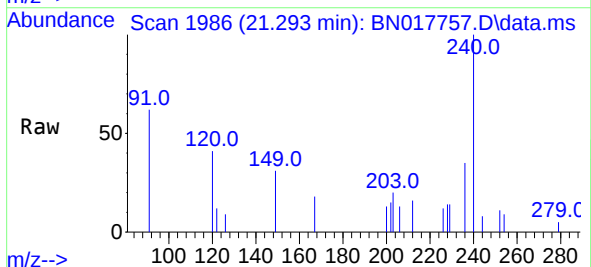
Instrument :
 BNA_N
 ClientSampleId :
 MW-31RE

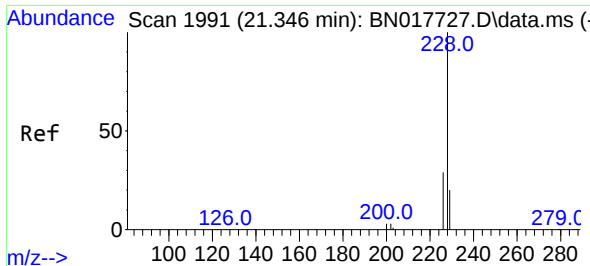
Tgt Ion:244 Resp: 163318
 Ion Ratio Lower Upper
 244 100
 212 9.6 5.7 8.5#
 122 11.6 8.6 13.0



#32
 Benzo(a)anthracene
 Concen: 0.004 ng
 RT: 21.293 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: BN017757.D
 Acq: 07 Dec 2021 08:33

Tgt Ion:228 Resp: 1621
 Ion Ratio Lower Upper
 228 100
 226 86.1 21.3 31.9#
 229 97.8 15.7 23.5#

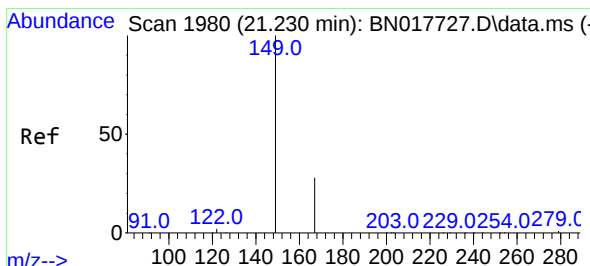
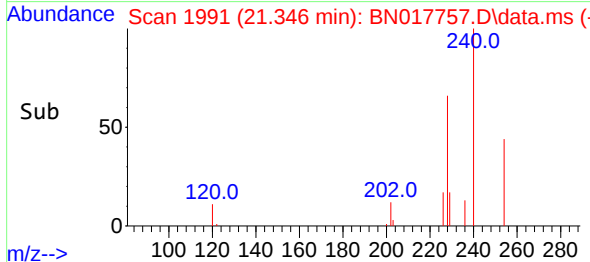
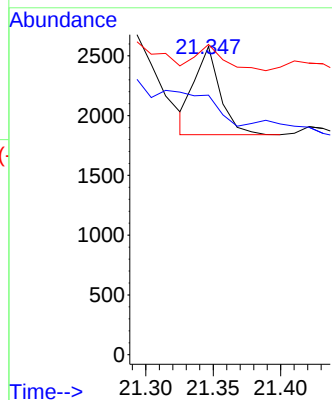
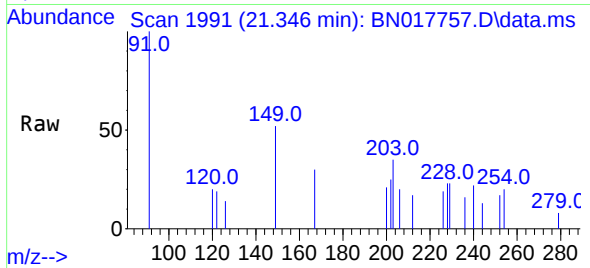




#33
Chrysene
Concen: 0.002 ng
RT: 21.346 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

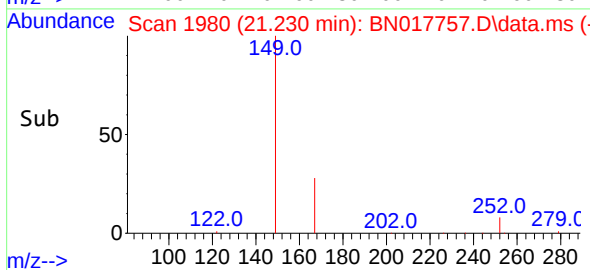
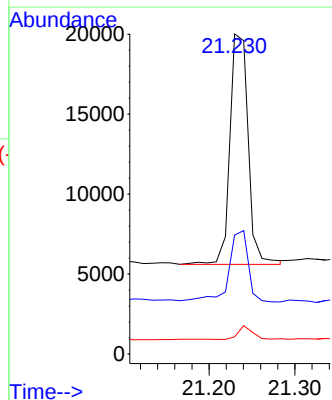
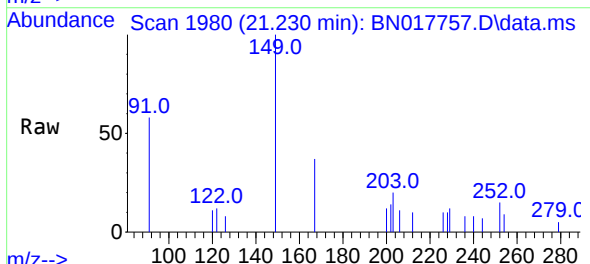
Instrument :
BNA_N
ClientSampleId :
MW-31RE

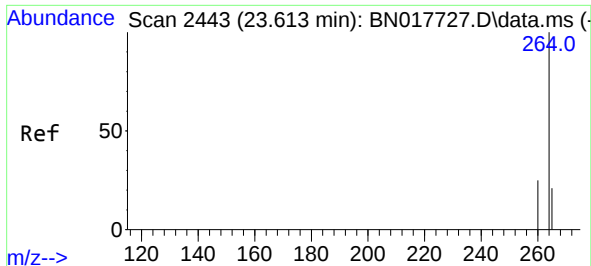
Tgt Ion:228 Resp: 972
Ion Ratio Lower Upper
228 100
226 84.2 23.3 34.9#
229 100.7 15.6 23.4#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.097 ng
RT: 21.230 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

Tgt Ion:149 Resp: 21214
Ion Ratio Lower Upper
149 100
167 33.0 21.8 32.6#
279 4.7 3.4 5.0

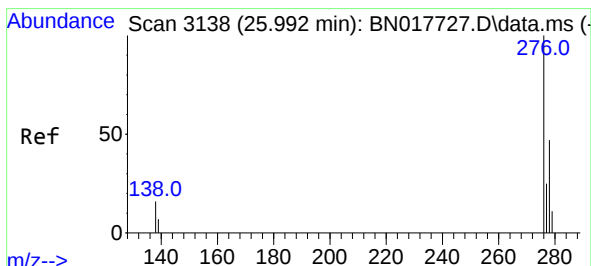
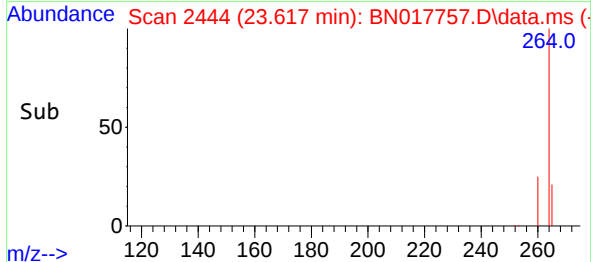
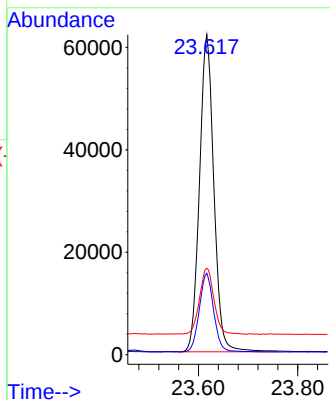
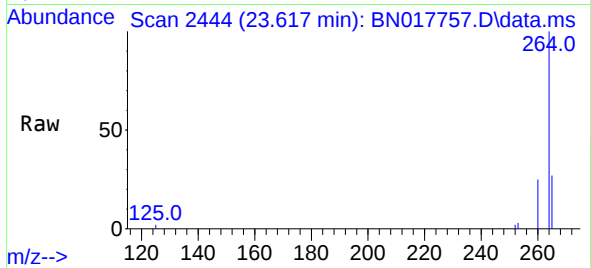




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.617 min Scan# 2443
 Delta R.T. 0.003 min
 Lab File: BN017757.D
 Acq: 07 Dec 2021 08:33

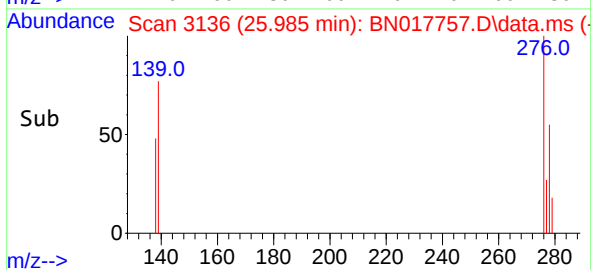
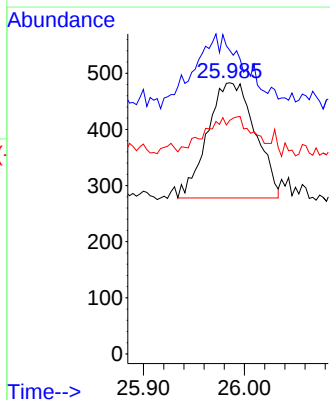
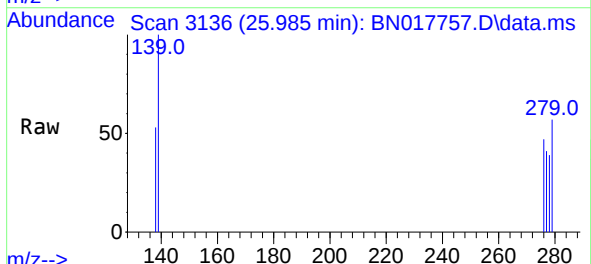
Instrument :
 BNA_N
 ClientSampleId :
 MW-31RE

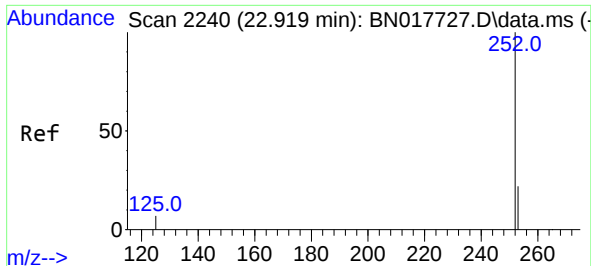
Tgt Ion:264 Resp: 124286
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.4 29.2
 265 27.0 18.6 28.0



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.003 ng
 RT: 25.985 min Scan# 3136
 Delta R.T. -0.007 min
 Lab File: BN017757.D
 Acq: 07 Dec 2021 08:33

Tgt Ion:276 Resp: 674
 Ion Ratio Lower Upper
 276 100
 138 35.8 19.7 29.5#
 277 13.9 20.0 30.0#

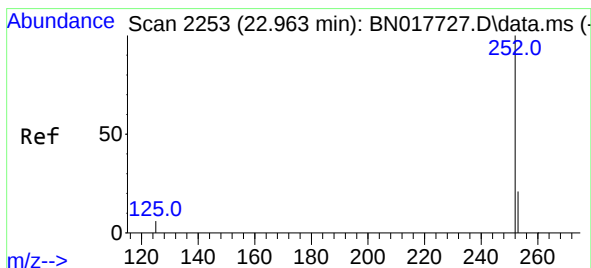
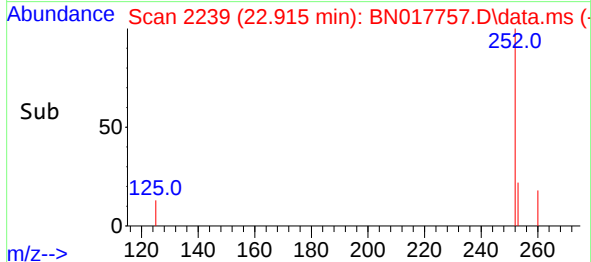
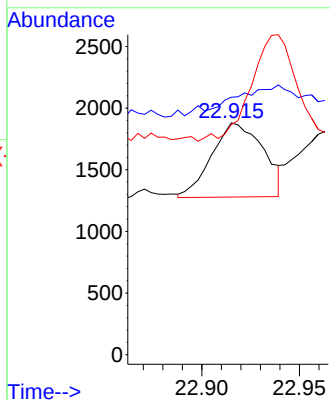
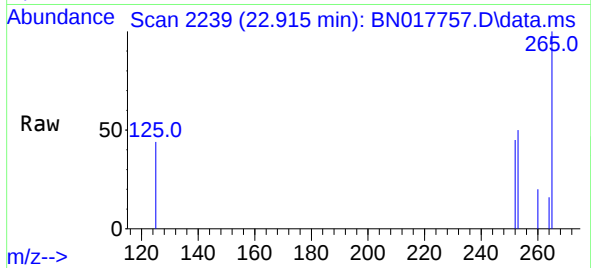




#37
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 22.915 min Scan# 211
Delta R.T. -0.003 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

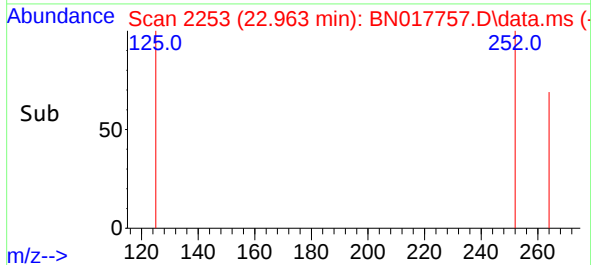
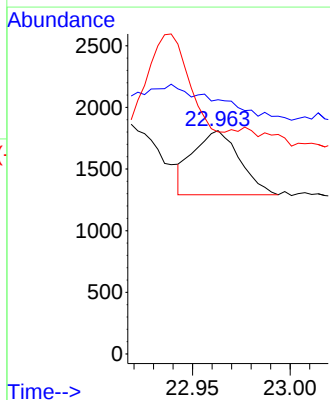
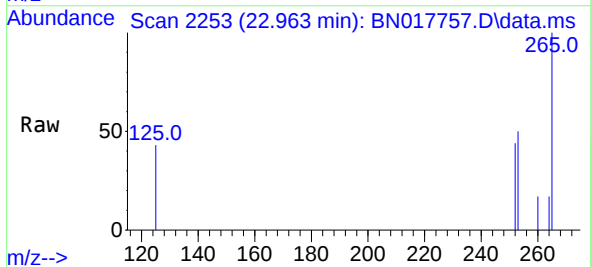
Instrument :
BNA_N
ClientSampleId :
MW-31RE

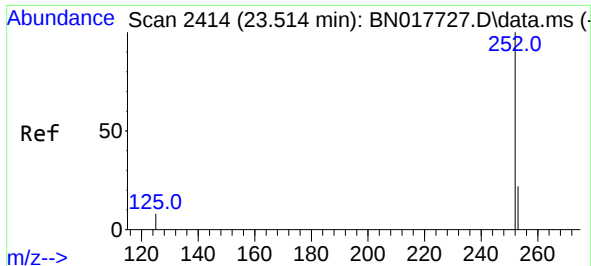
Tgt Ion:252 Resp: 1105
Ion Ratio Lower Upper
252 100
253 111.1 17.7 26.5#
125 99.2 7.8 11.8#



#38
Benzo(k)fluoranthene
Concen: 0.002 ng
RT: 22.963 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

Tgt Ion:252 Resp: 862
Ion Ratio Lower Upper
252 100
253 113.9 17.7 26.5#
125 99.4 8.2 12.2#

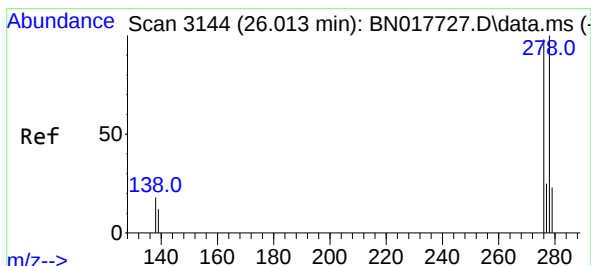
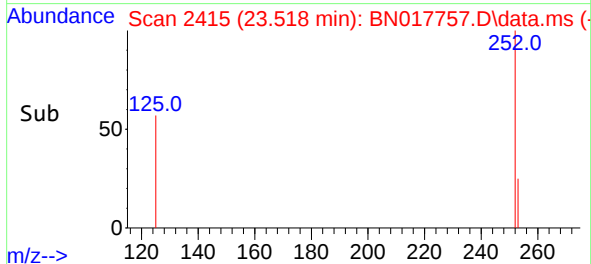
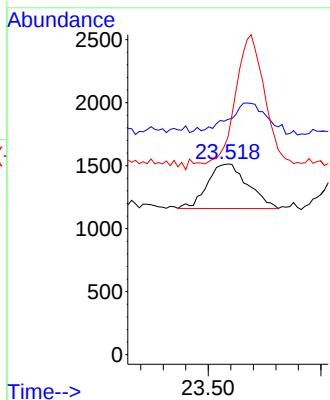
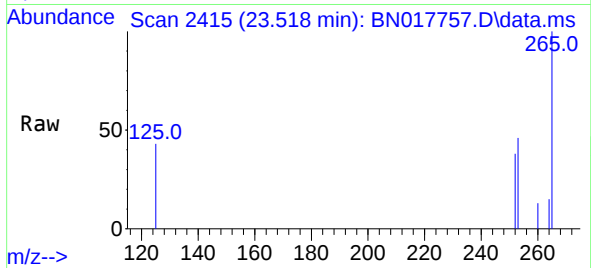




#39
Benzo(a)pyrene
Concen: 0.002 ng
RT: 23.518 min Scan# 2414
Delta R.T. 0.003 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

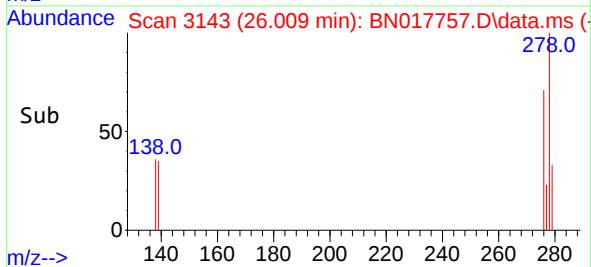
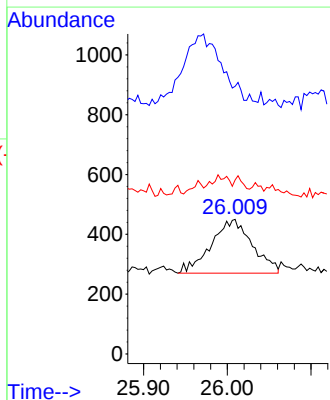
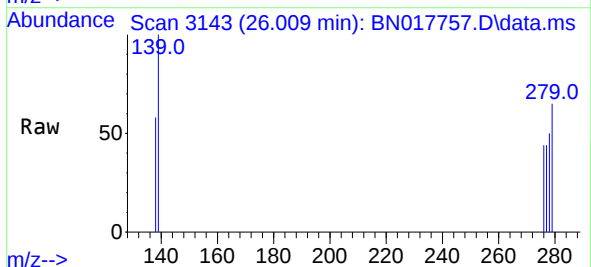
Instrument :
BNA_N
ClientSampleId :
MW-31RE

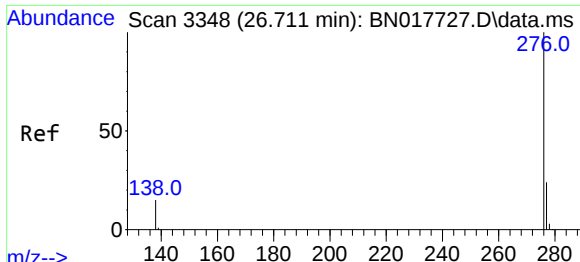
Tgt Ion:252 Resp: 880
Ion Ratio Lower Upper
252 100
253 123.4 17.9 26.9#
125 114.5 9.2 13.8#



#40
Dibenzo(a,h)anthracene
Concen: 0.003 ng
RT: 26.009 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

Tgt Ion:278 Resp: 613
Ion Ratio Lower Upper
278 100
139 198.9 13.0 19.6#
279 129.3 19.2 28.8#





#41
Benzo(g,h,i)perylene
Concen: 0.003 ng
RT: 26.711 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

Instrument :
BNA_N
ClientSampleId :
MW-31RE

Tgt Ion:276 Resp: 673
Ion Ratio Lower Upper
276 100
277 87.3 19.0 28.4#
138 104.4 17.1 25.7#

