

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)

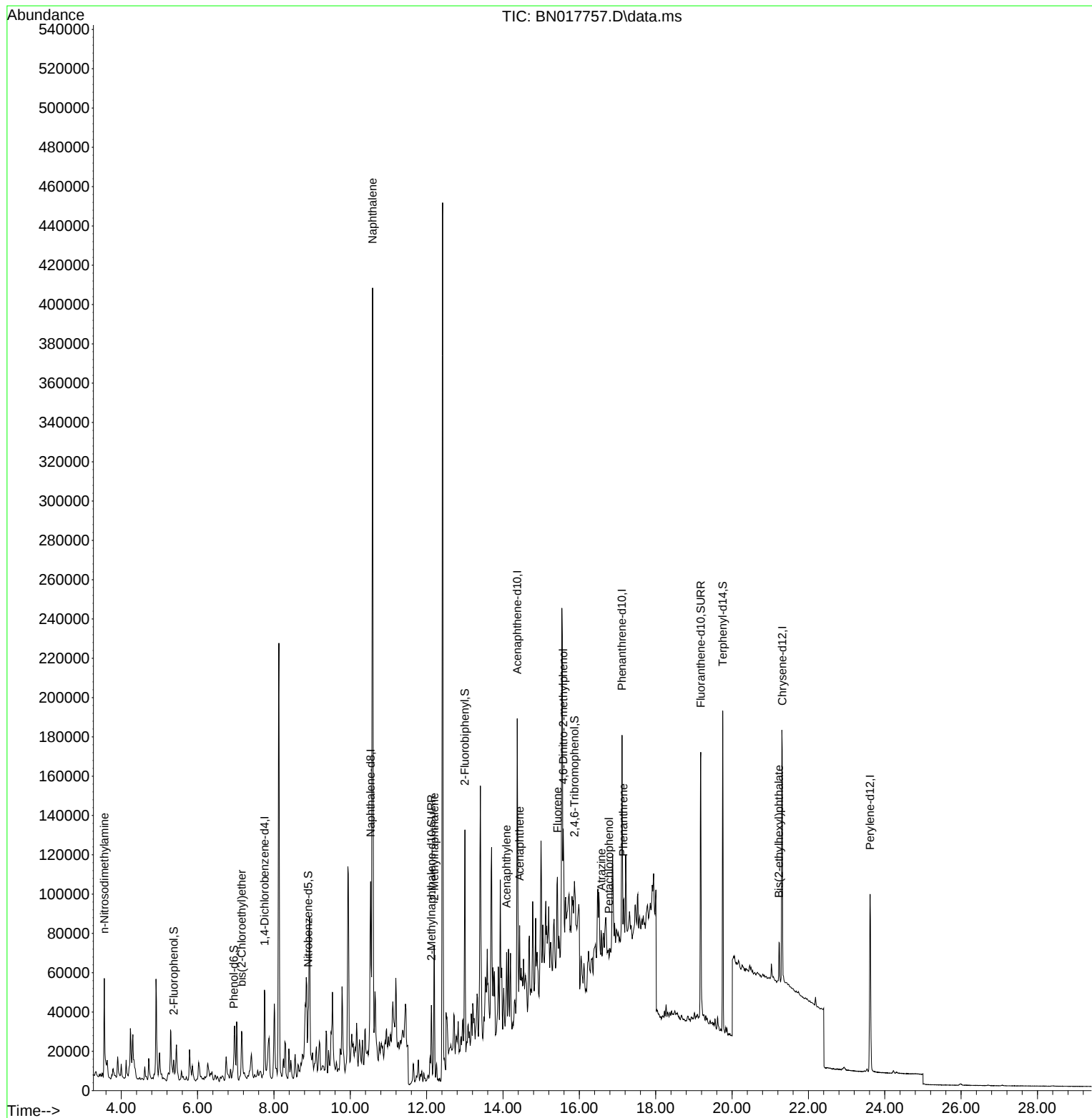
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	24054	0.400	ng	0.00
7) Naphthalene-d8	10.532	136	97771	0.400	ng	# 0.00
13) Acenaphthene-d10	14.373	164	70815	0.400	ng	# 0.00
19) Phenanthrene-d10	17.117	188	133426	0.400	ng	# 0.00
29) Chrysene-d12	21.315	240	138797	0.400	ng	0.01
35) Perylene-d12	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
3) n-Nitrosodimethylamine	3.557	42	7550	0.332	ng	# 1
6) bis(2-Chloroethyl)ether	7.153	93	1748	0.029	ng	# 1
9) Naphthalene	10.583	128	469898	1.938	ng	99
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
20) 4,6-Dinitro-2-methylph...	15.578	198	7046	1.568	ng	# 43
23) Atrazine	16.582	200	3038	0.141	ng	# 1
24) Pentachlorophenol	16.776	266	335	0.177	ng	# 63
25) Phenanthrene	17.154	178	22220	0.063	ng	# 71
34) Bis(2-ethylhexyl)phtha...	21.230	149	21214	0.097	ng	# 90

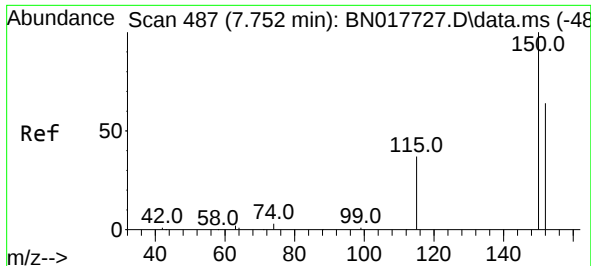
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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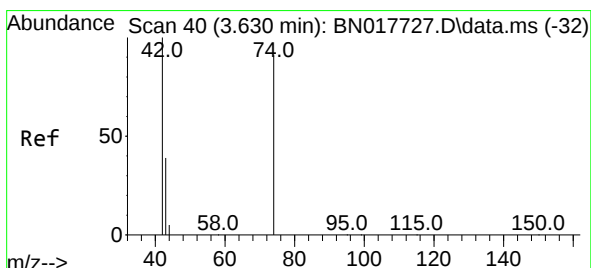
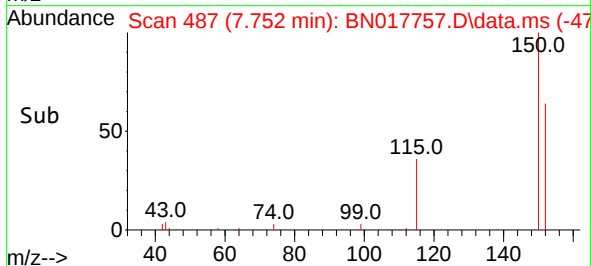
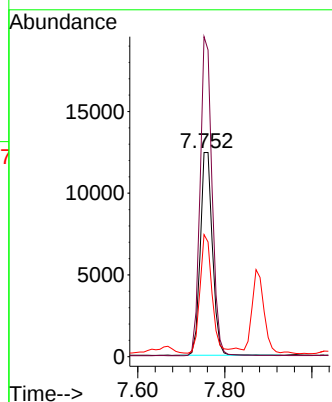
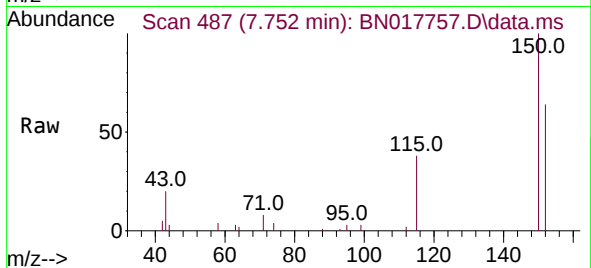




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.752 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

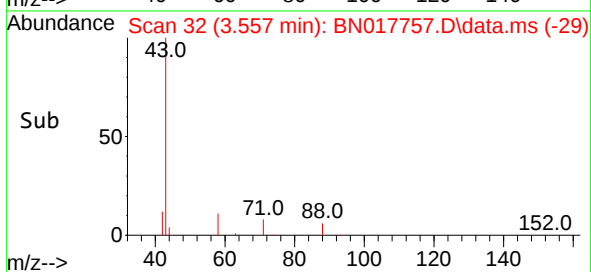
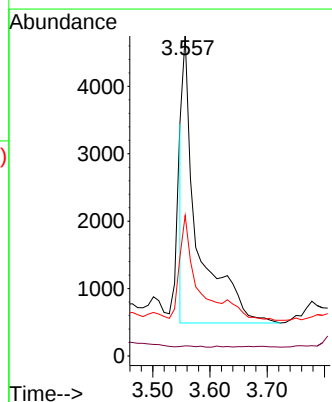
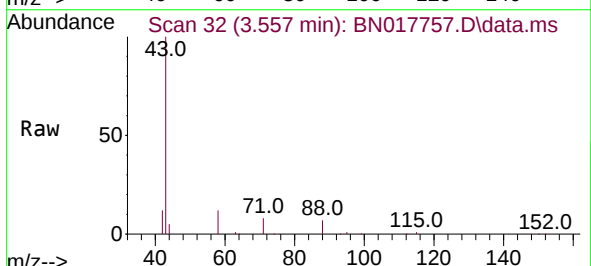
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BNA_N
ClientSampleId :
MW-31RE

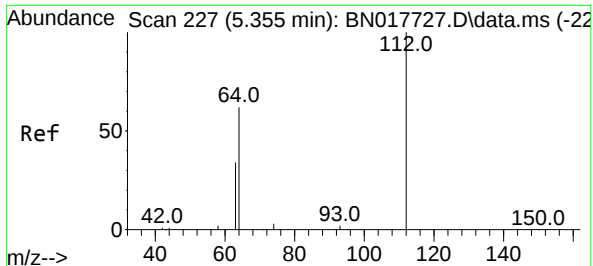
Tgt Ion:152 Resp: 24054
Ion Ratio Lower Upper
152 100
150 156.7 123.0 184.4
115 59.8 45.6 68.4



#3
n-Nitrosodimethylamine
Concen: 0.332 ng
RT: 3.557 min Scan# 32
Delta R.T. -0.074 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

Tgt Ion: 42 Resp: 7550
Ion Ratio Lower Upper
42 100
74 0.4 97.8 146.6#
44 40.0 5.5 8.3#

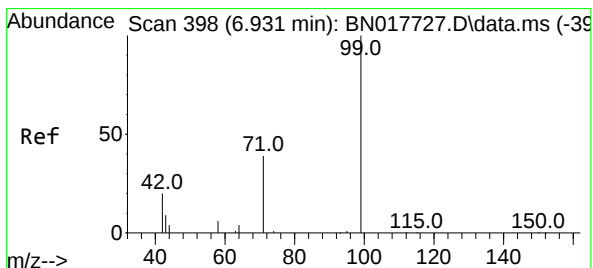
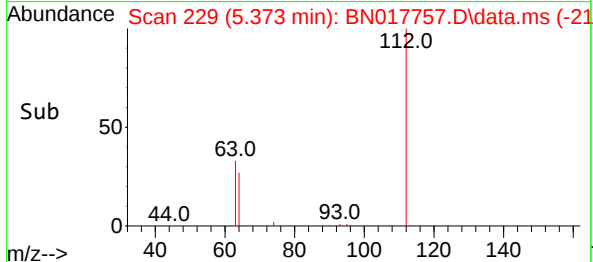
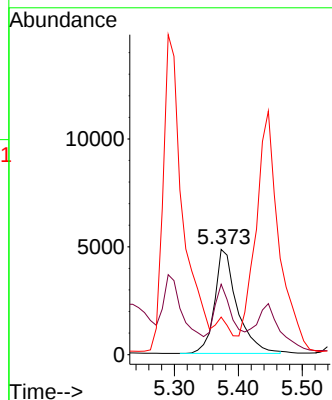
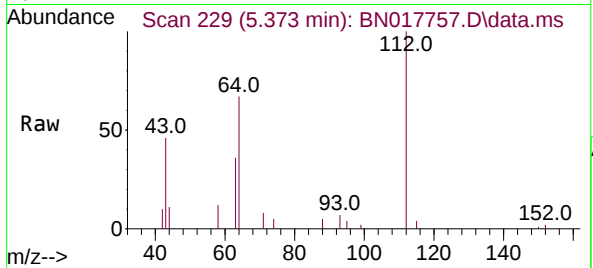




#4
2-Fluorophenol
Concen: 0.228 ng
RT: 5.373 min Scan# 21
Delta R.T. 0.018 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

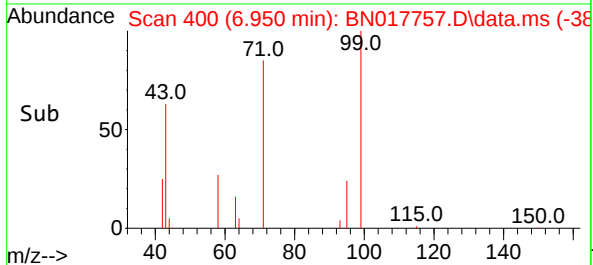
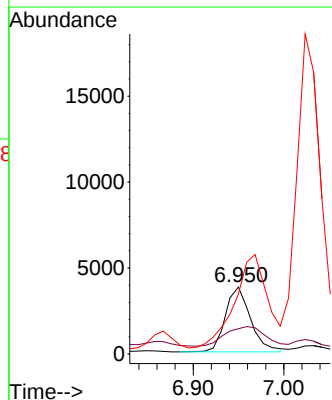
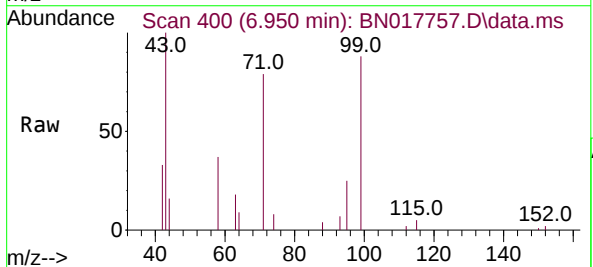
Instrument :
BNA_N
ClientSampleId :
MW-31RE

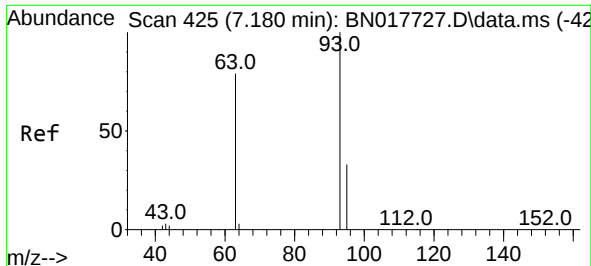
Tgt Ion:112 Resp: 11751
Ion Ratio Lower Upper
112 100
64 33.5 47.6 71.4#
63 0.0 24.6 37.0#



#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#

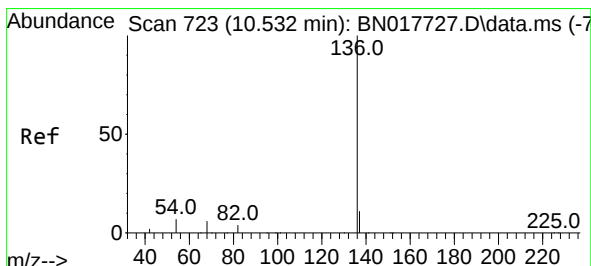
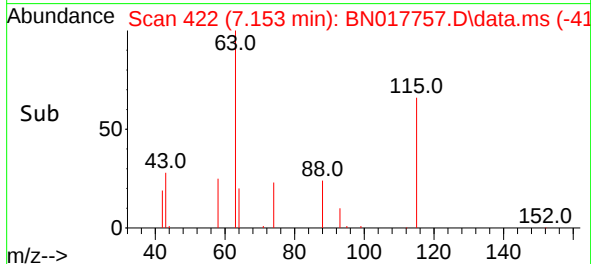
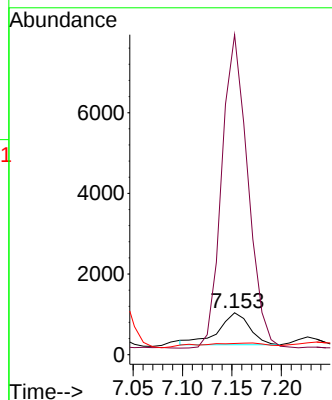
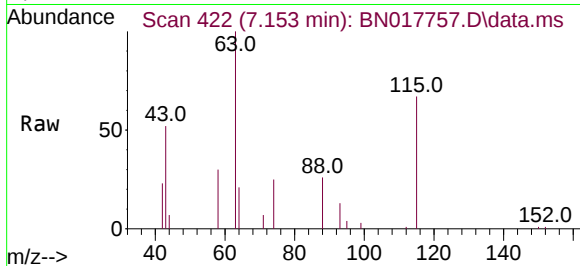




#6
 bis(2-Chloroethyl)ether
 Concen: 0.029 ng
 RT: 7.153 min Scan# 41
 Delta R.T. -0.028 min
 Lab File: BN017757.D
 Acq: 07 Dec 2021 08:33

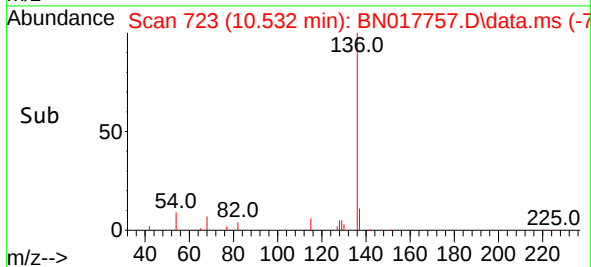
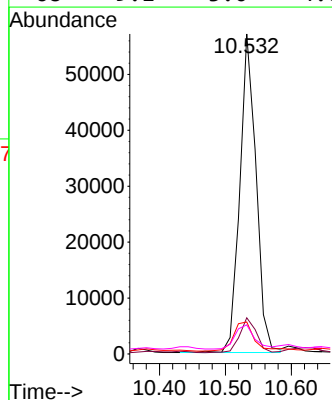
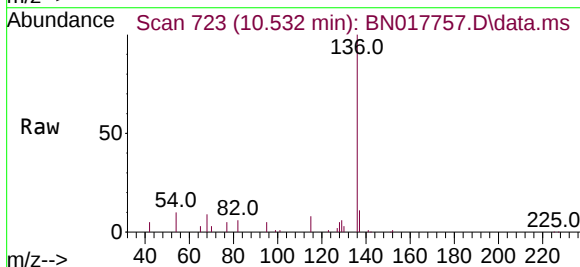
Instrument :
 BNA_N
 ClientSampleId :
 MW-31RE

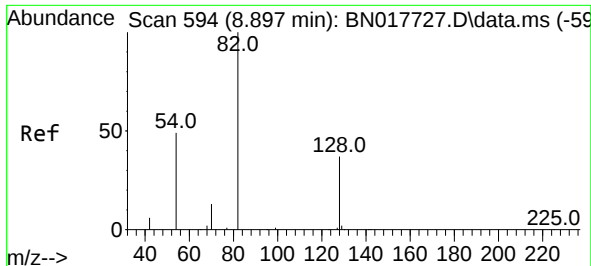
Tgt Ion: 93 Resp: 1748
 Ion Ratio Lower Upper
 93 100
 63 815.4 65.8 98.6#
 95 11.8 26.6 39.8#



#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.532 min Scan# 723
 Delta R.T. 0.000 min
 Lab File: BN017757.D
 Acq: 07 Dec 2021 08:33

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#

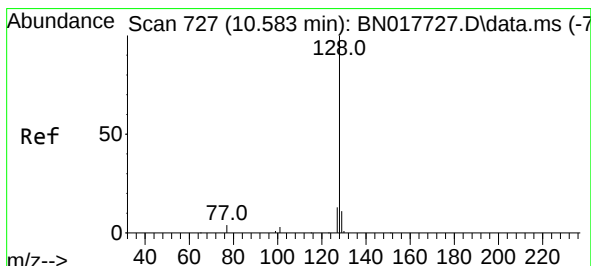
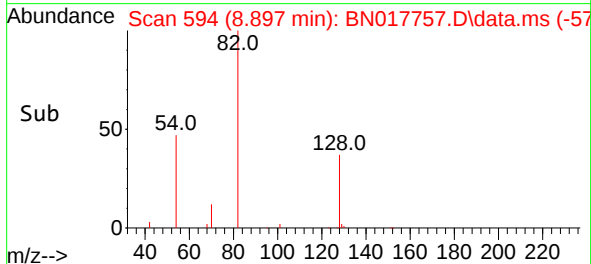
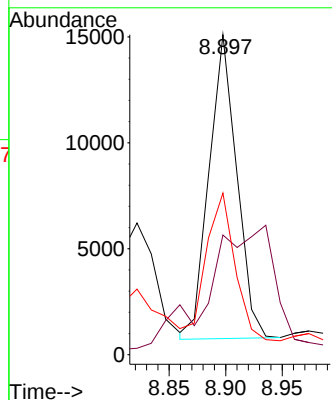
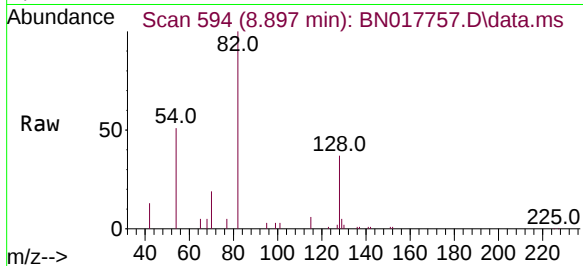




#8
Nitrobenzene-d5
Concen: 0.370 ng
RT: 8.897 min Scan# 594
Delta R.T. -0.000 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

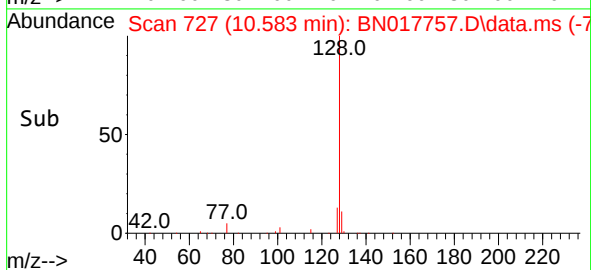
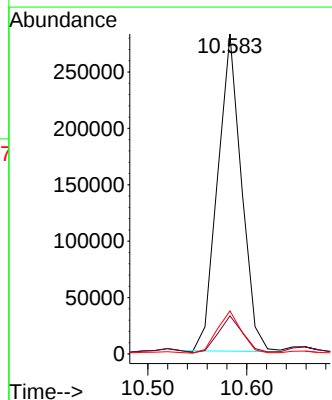
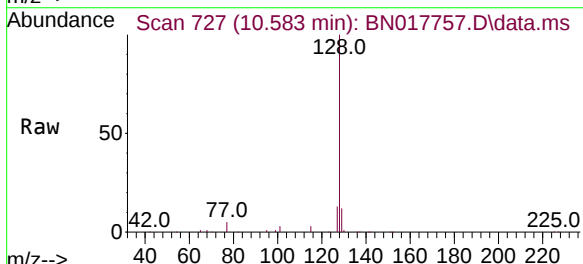
Instrument :
BNA_N
ClientSampleId :
MW-31RE

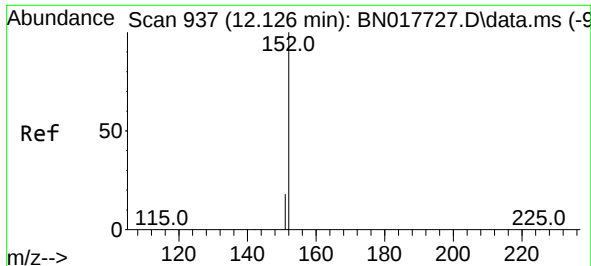
Tgt Ion: 82 Resp: 24468
Ion Ratio Lower Upper
82 100
128 37.4 27.7 41.5
54 50.5 49.2 73.8



#9
Naphthalene
Concen: 1.938 ng
RT: 10.583 min Scan# 727
Delta R.T. -0.000 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

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





#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 :

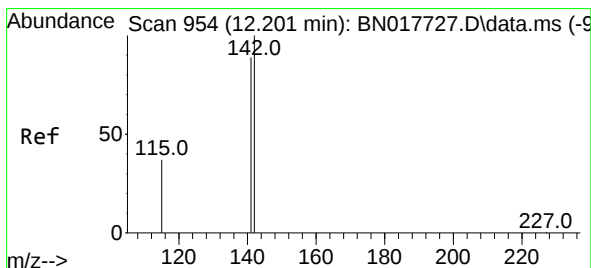
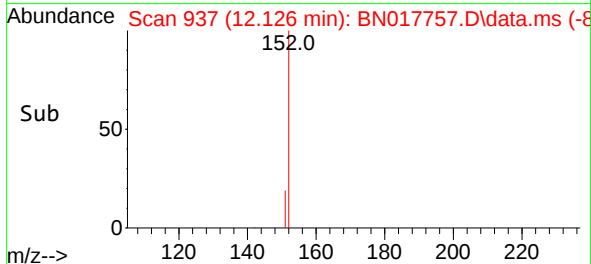
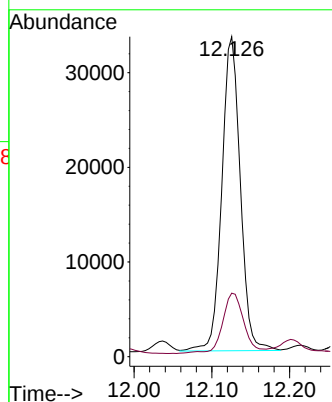
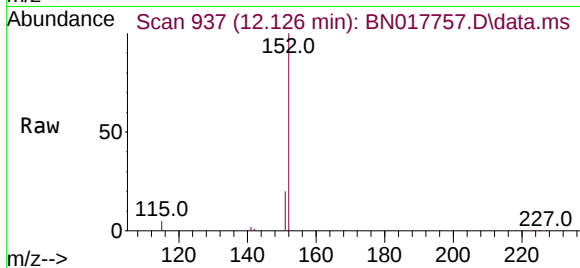
MW-31RE

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

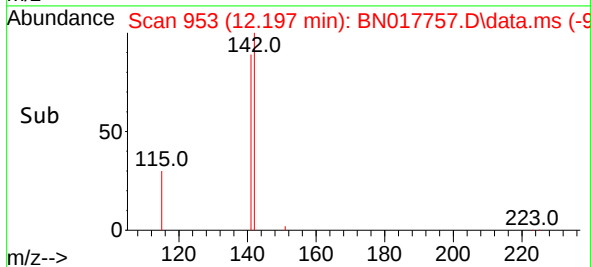
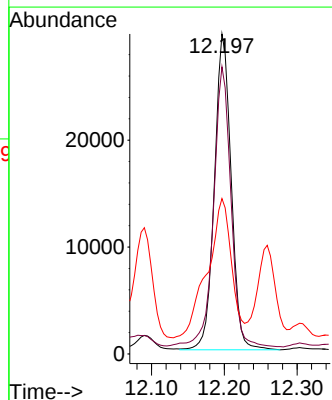
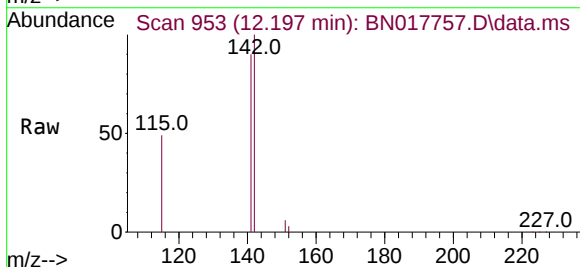
Tgt Ion:142 Resp: 47439

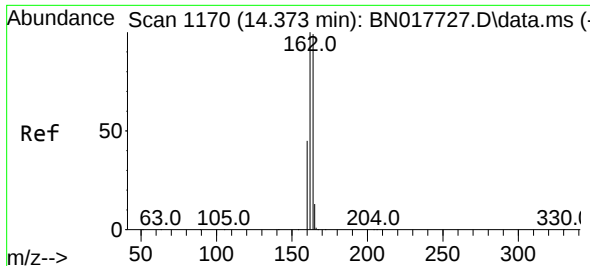
Ion Ratio Lower Upper

142 100

141 89.7 70.6 106.0

115 48.5 25.8 38.6#

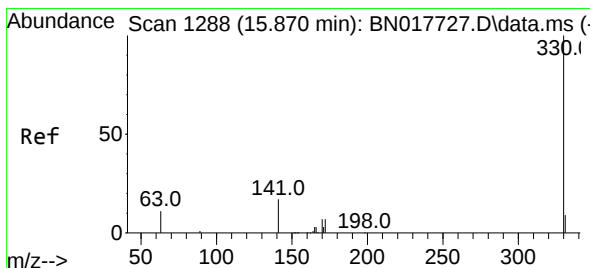
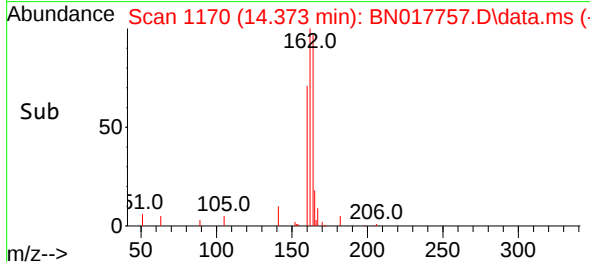
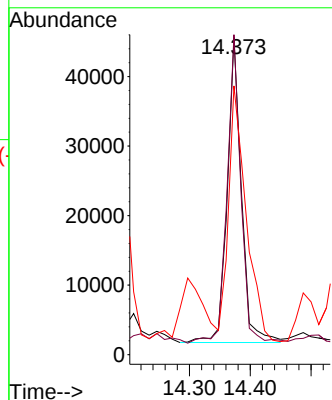
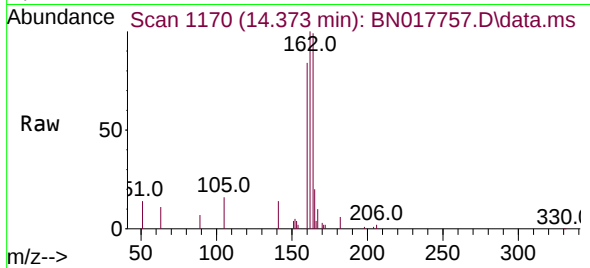




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.373 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

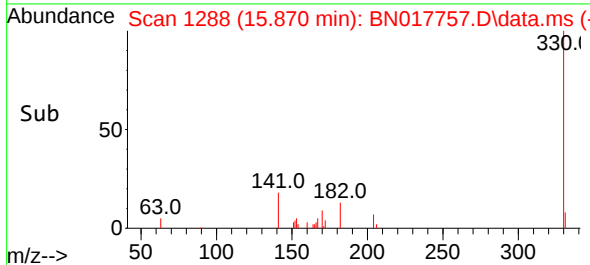
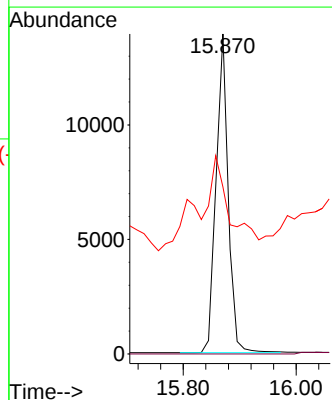
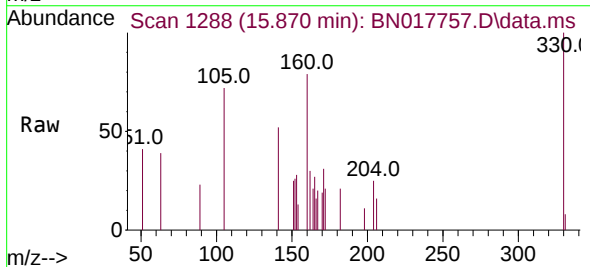
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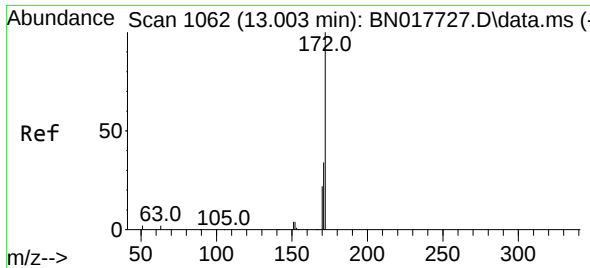
Tgt Ion:164 Resp: 70815
Ion Ratio Lower Upper
164 100
162 100.8 81.4 122.2
160 84.7 36.8 55.2#



#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

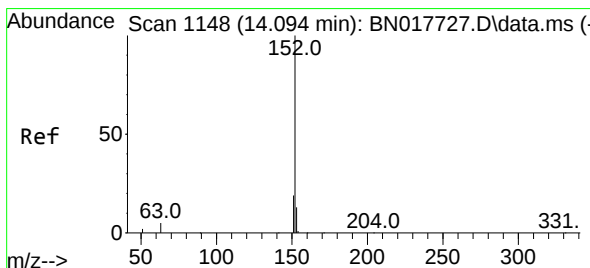
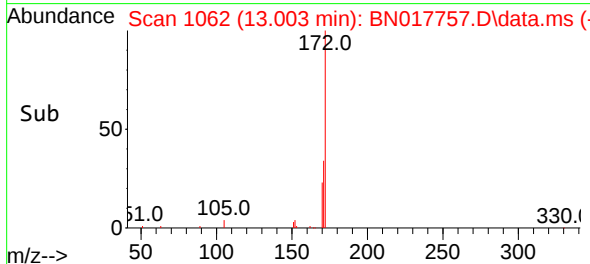
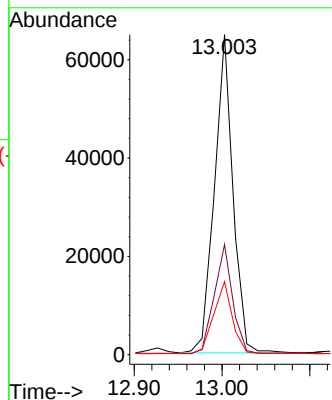
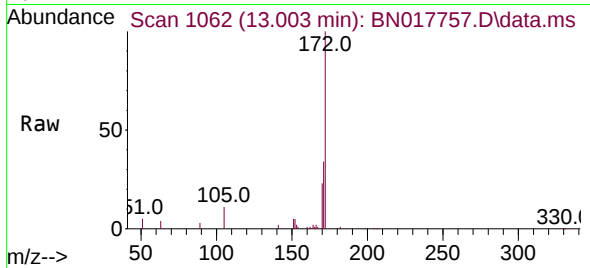




#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.003 min Scan# 1062
Delta R.T. 0.000 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

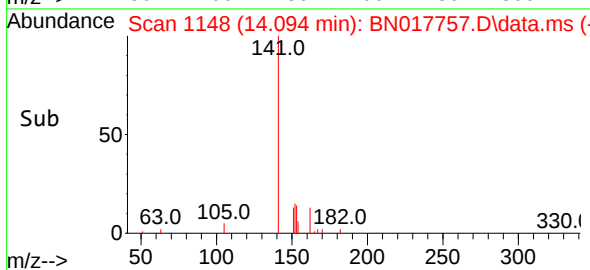
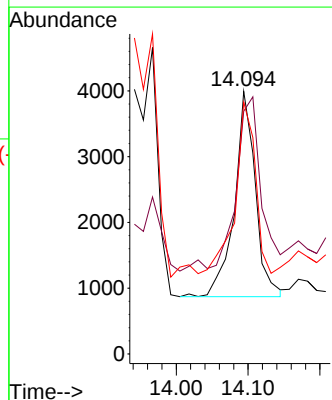
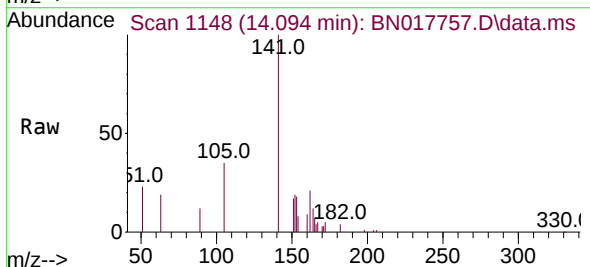
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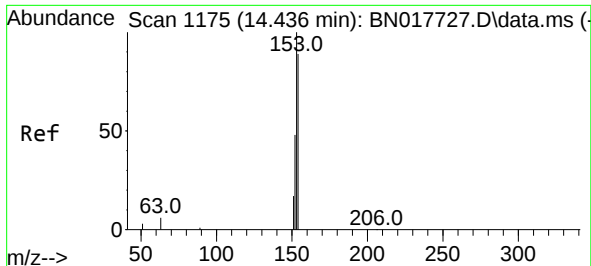
Tgt Ion:172 Resp: 94821
Ion Ratio Lower Upper
172 100
171 34.5 28.7 43.1
170 22.8 19.4 29.2



#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#

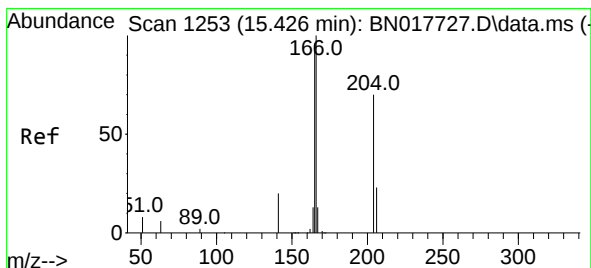
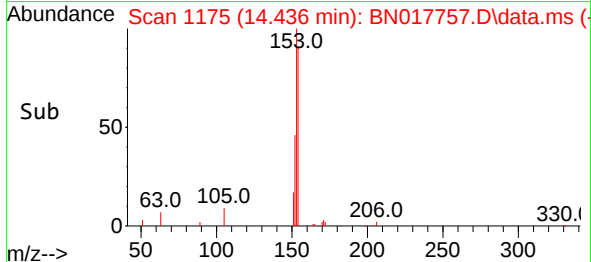
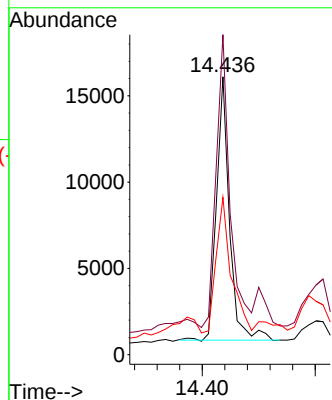
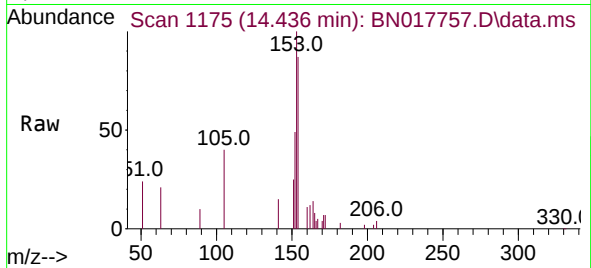




#17
Acenaphthene
Concen: 0.132 ng
RT: 14.436 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

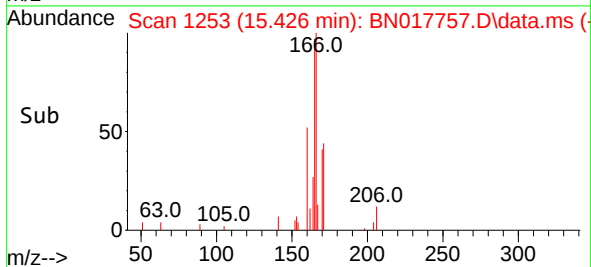
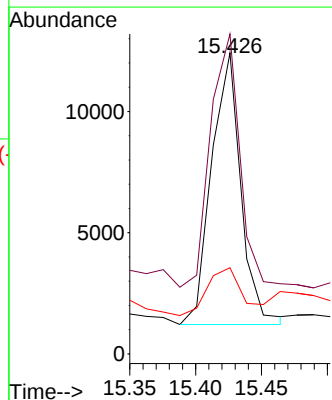
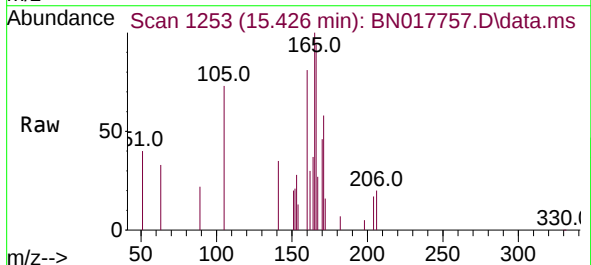
Instrument :
BNA_N
ClientSampleId :
MW-31RE

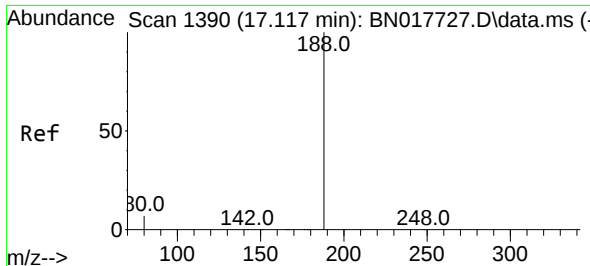
Tgt Ion:154 Resp: 24316
Ion Ratio Lower Upper
154 100
153 117.4 91.2 136.8
152 59.6 44.3 66.5



#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#

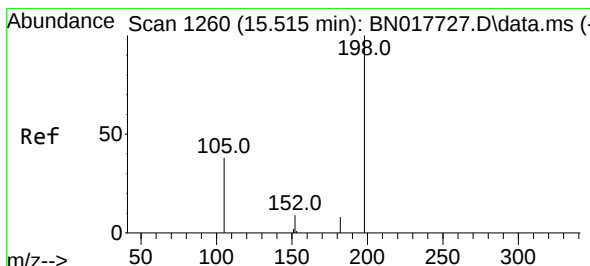
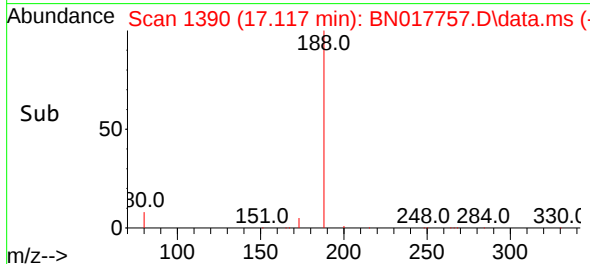
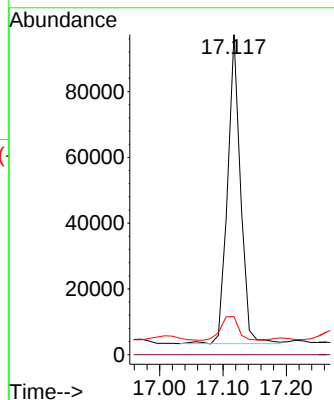
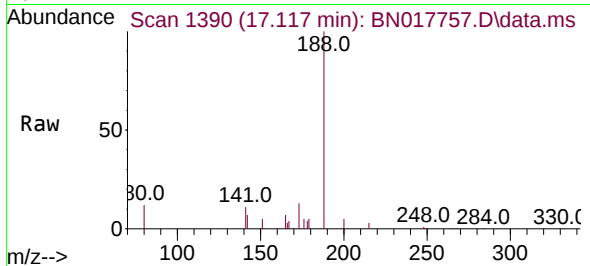




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.117 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

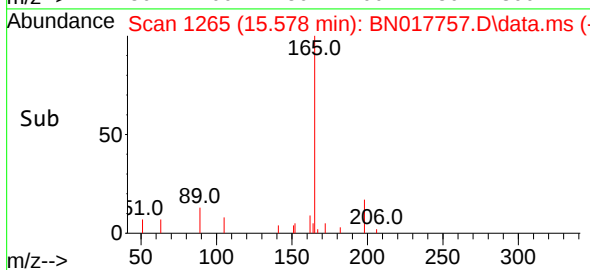
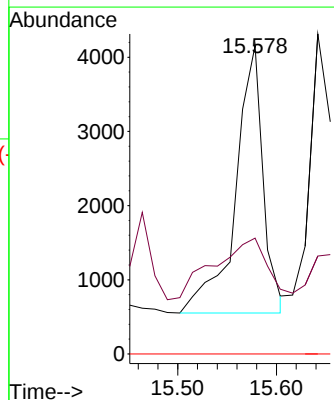
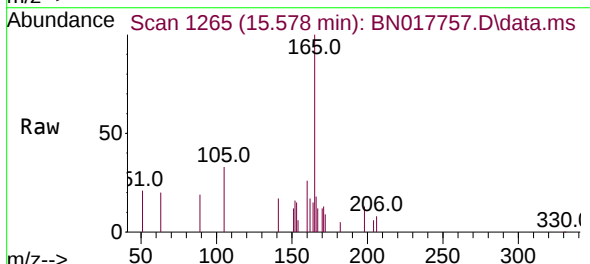
Instrument :
BNA_N
ClientSampleId :
MW-31RE

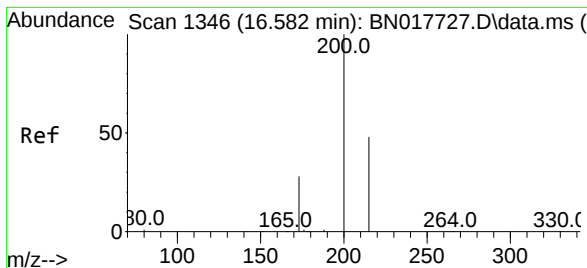
Tgt Ion:188 Resp: 133426
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 6.1 9.1#



#20
4,6-Dinitro-2-methylphenol
Concen: 1.568 ng
RT: 15.578 min Scan# 1265
Delta R.T. 0.063 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

Tgt Ion:198 Resp: 7046
Ion Ratio Lower Upper
198 100
182 37.6 11.4 17.2#
77 0.0 0.0 0.0





#23

Atrazine

Concen: 0.141 ng

RT: 16.582 min Scan# 1346

Delta R.T. -0.000 min

Lab File: BN017757.D

Acq: 07 Dec 2021 08:33

Instrument :

BNA_N

ClientSampleId :

MW-31RE

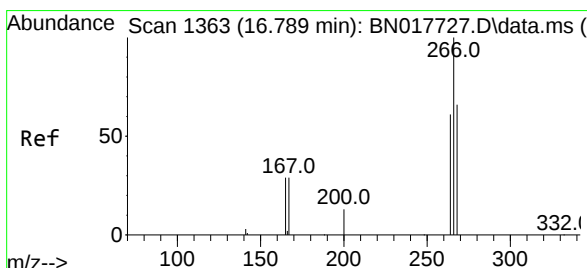
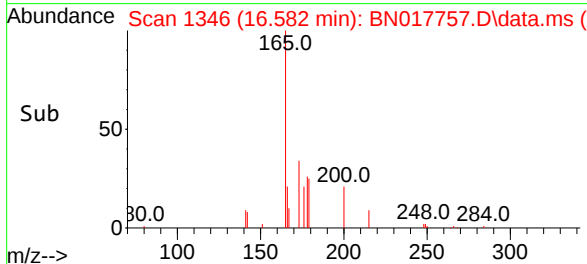
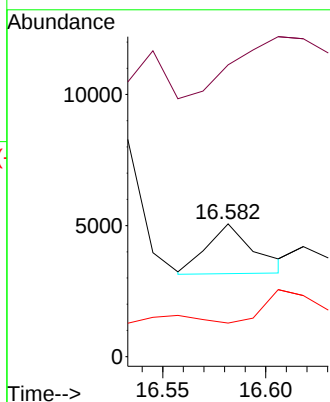
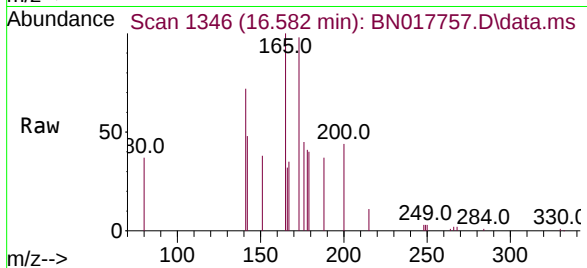
Tgt Ion:200 Resp: 3038

Ion Ratio Lower Upper

200 100

173 219.8 17.6 26.4#

215 25.3 40.2 60.4#



#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

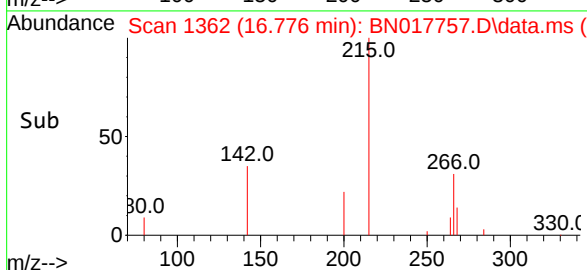
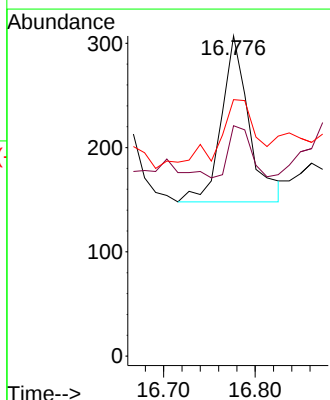
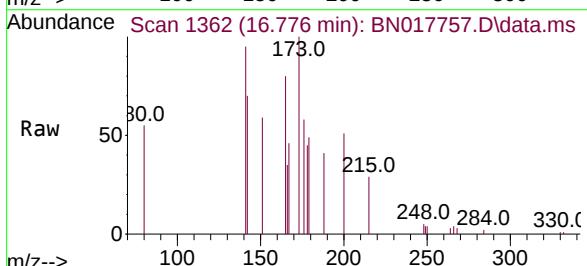
Tgt Ion:266 Resp: 335

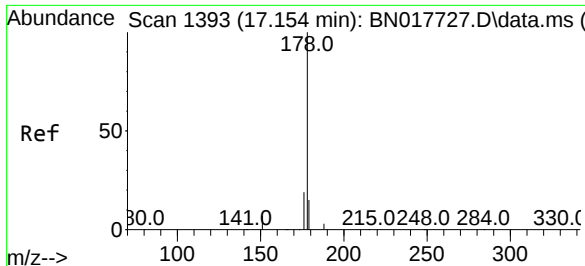
Ion Ratio Lower Upper

266 100

264 24.5 49.8 74.8#

268 44.5 51.3 76.9#

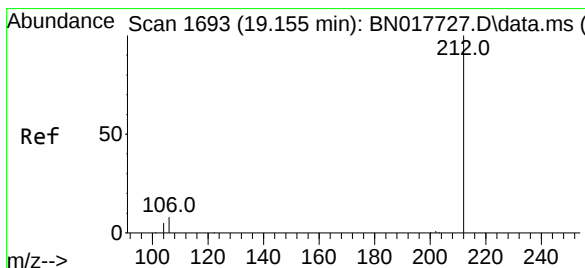
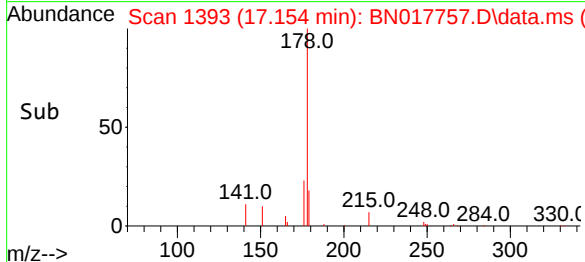
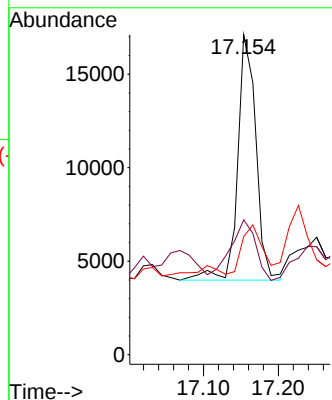
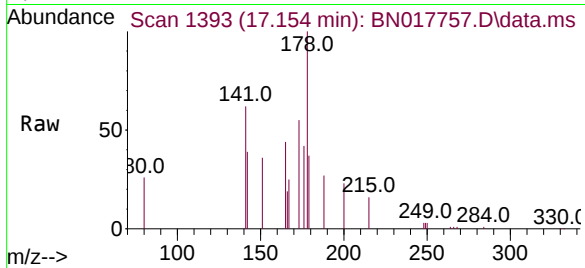




#25
Phenanthrene
Concen: 0.063 ng
RT: 17.154 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

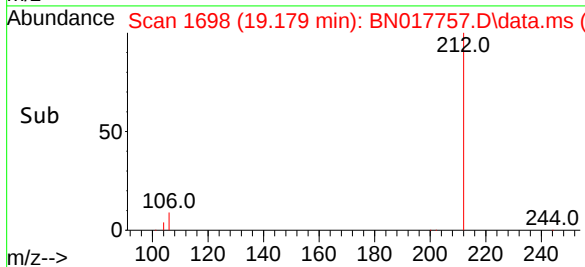
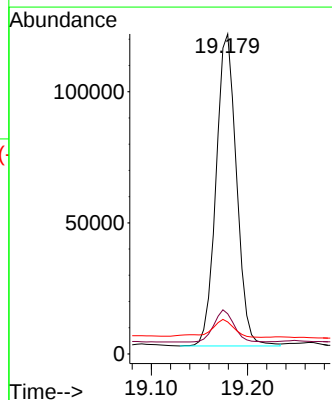
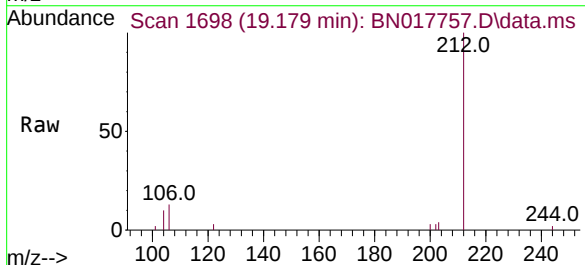
Instrument :
BNA_N
ClientSampleId :
MW-31RE

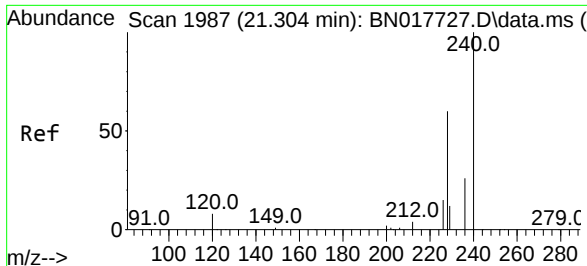
Tgt Ion:178 Resp: 22220
Ion Ratio Lower Upper
178 100
176 35.7 15.0 22.6#
179 22.9 12.3 18.5#



#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

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

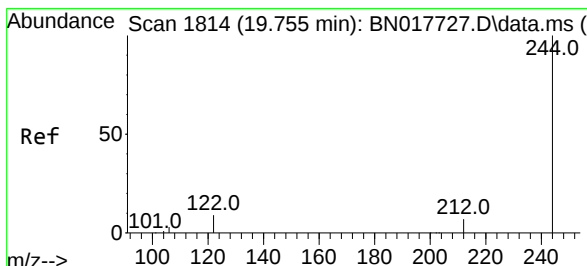
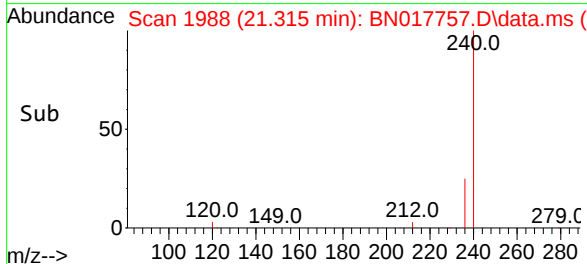
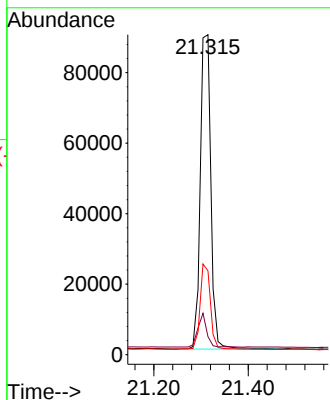
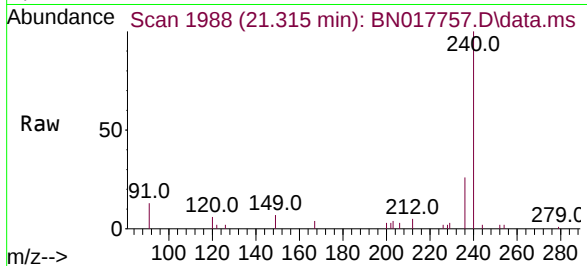




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.315 min Scan# 1988
Delta R.T. 0.011 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

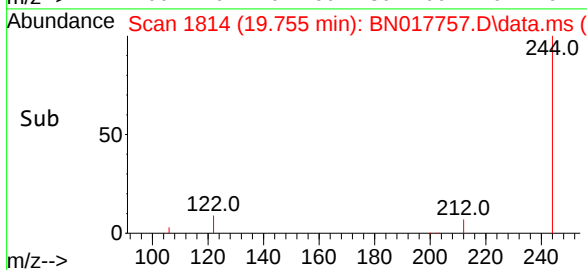
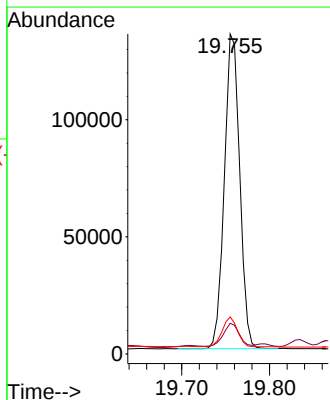
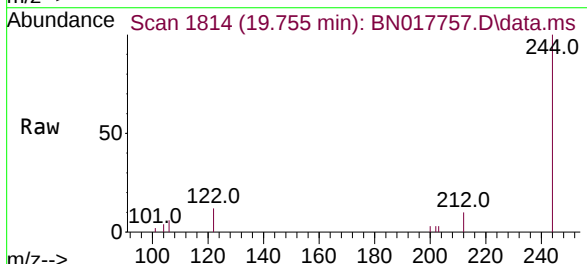
Instrument :
BNA_N
ClientSampleId :
MW-31RE

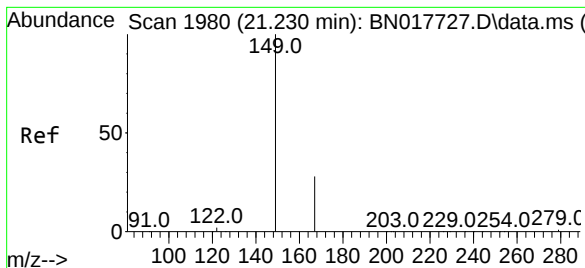
Tgt Ion:240 Resp: 138797
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.2
236 26.2 20.0 30.0



#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

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

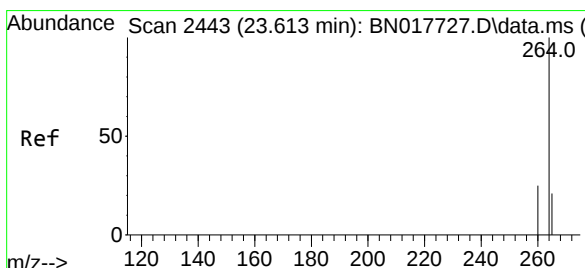
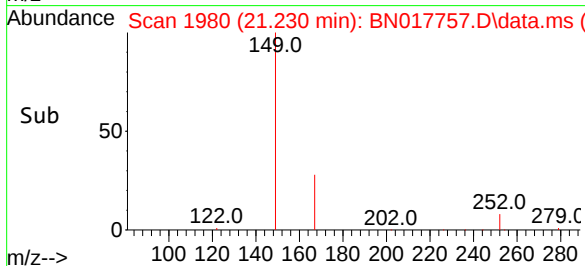
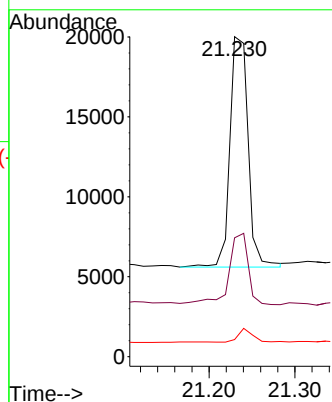
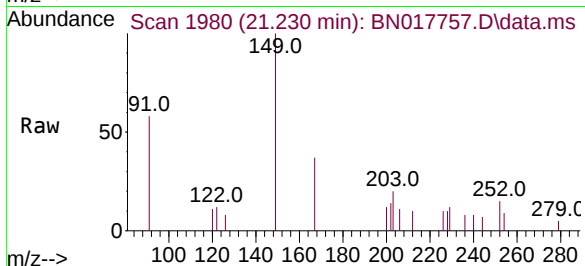




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.097 ng
RT: 21.230 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

Instrument :
BNA_N
ClientSampleId :
MW-31RE

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# 2444
Delta R.T. 0.003 min
Lab File: BN017757.D
Acq: 07 Dec 2021 08:33

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

