

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
 Data File : BN017776.D
 Acq On : 07 Dec 2021 23:00
 Operator : CG/JU
 Sample : M4917-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-25

Quant Time: Dec 08 07:34:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

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

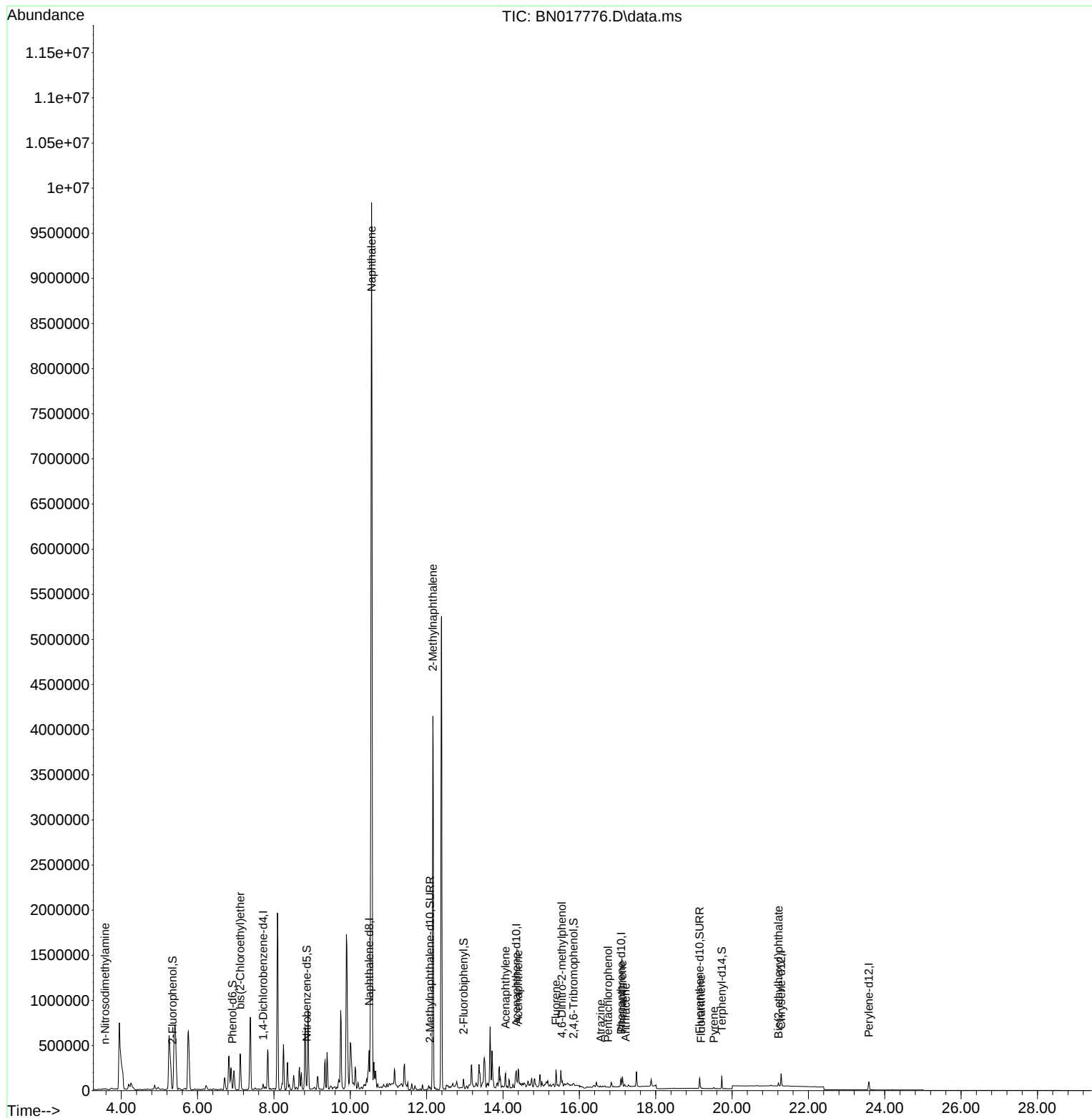
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	20424	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	88290	0.400	ng	# 0.00
13) Acenaphthene-d10	14.348	164	82809	0.400	ng	# 0.00
19) Phenanthrene-d10	17.093	188	126533	0.400	ng	# 0.00
29) Chrysene-d12	21.283	240	136041	0.400	ng	0.00
35) Perylene-d12	23.583	264	124695	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.345	112	24745	0.502	ng	0.02
5) Phenol-d6	6.913	99	4608	0.099	ng	0.00
8) Nitrobenzene-d5	8.860	82	21053	0.358	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	46100	0.262	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	16167	0.373	ng	0.00
15) 2-Fluorobiphenyl	12.965	172	85821	0.283	ng	0.00
27) Fluoranthene-d10	19.150	212	147056	0.348	ng	0.02
31) Terphenyl-d14	19.730	244	136481	0.467	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.575	42	5460	0.259	ng	# 1
6) bis(2-Chloroethyl)ether	7.116	93	34081	0.645	ng	# 1
9) Naphthalene	10.558	128	15963247	69.052	ng	97
12) 2-Methylnaphthalene	12.166	142	3072235	18.442	ng	98
16) Acenaphthylene	14.069	152	22901	0.070	ng	# 4
17) Acenaphthene	14.398	154	102502	0.473	ng	94
18) Fluorene	15.388	166	99776	0.360	ng	# 96
20) 4,6-Dinitro-2-methylph...	15.540	198	8643	2.230	ng	# 80
23) Atrazine	16.557	200	3147	0.057	ng	# 1
24) Pentachlorophenol	16.752	266	374	0.291	ng	95
25) Phenanthrene	17.129	178	115667	0.348	ng	# 92
26) Anthracene	17.215	178	7524	0.026	ng	# 26
28) Fluoranthene	19.184	202	13516	0.033	ng	97
30) Pyrene	19.522	202	11127	0.026	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.219	149	33221	0.175	ng	98

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

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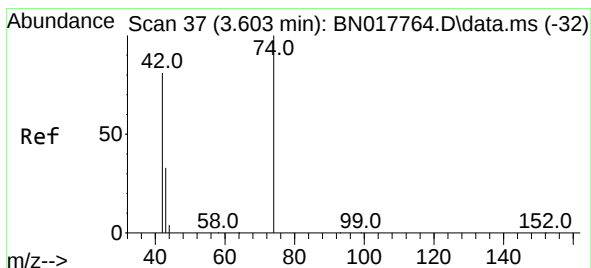
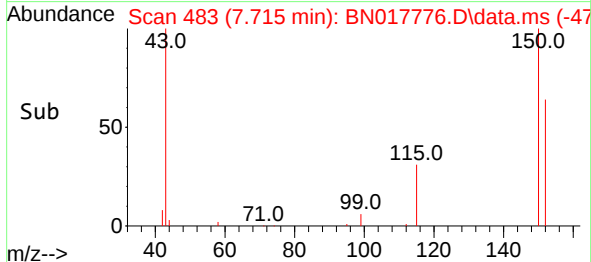
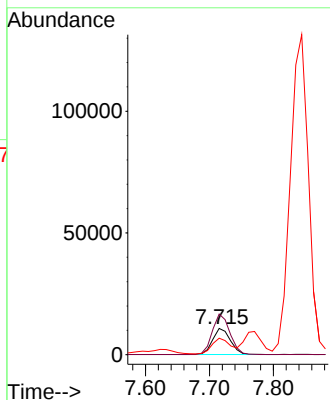
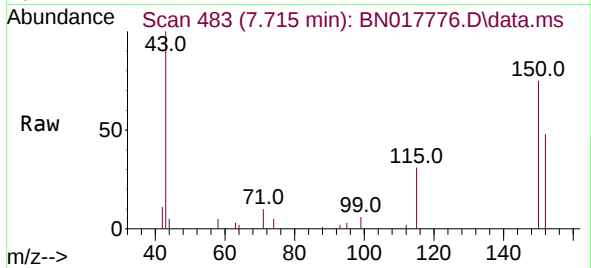




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

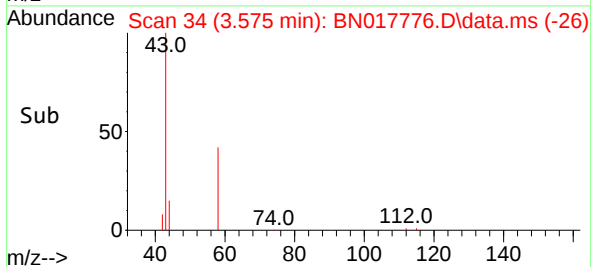
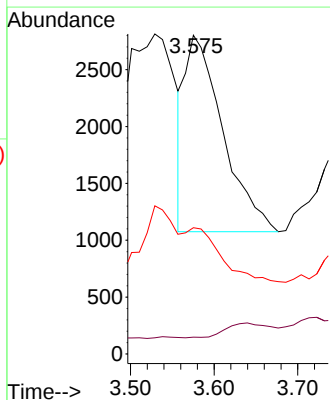
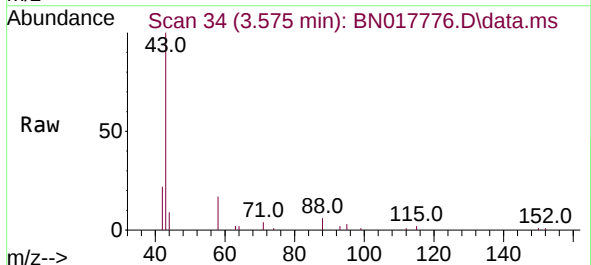
Instrument :
BNA_N
ClientSampleId :
MW-25

Tgt Ion:152 Resp: 20424
Ion Ratio Lower Upper
152 100
150 155.5 123.0 184.4
115 63.2 45.3 67.9



#3
n-Nitrosodimethylamine
Concen: 0.259 ng
RT: 3.575 min Scan# 34
Delta R.T. -0.028 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

Tgt Ion: 42 Resp: 5460
Ion Ratio Lower Upper
42 100
74 0.0 101.3 151.9#
44 0.0 5.0 7.4#

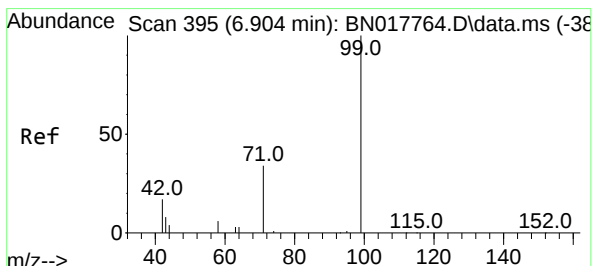
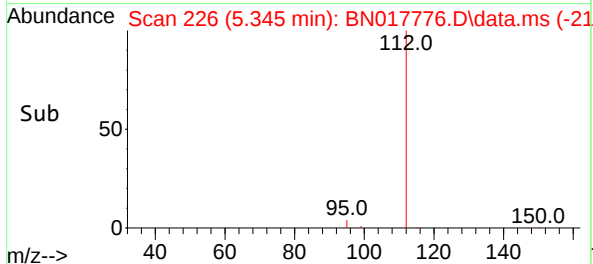
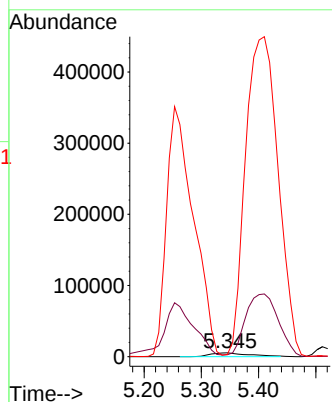
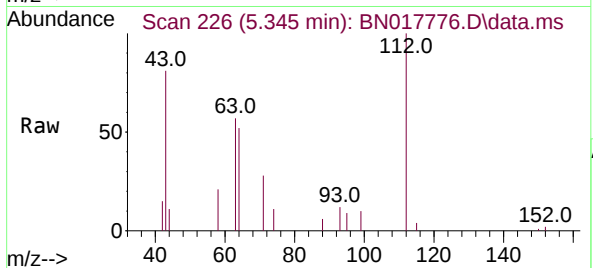




#4
2-Fluorophenol
Concen: 0.502 ng
RT: 5.345 min Scan# 21
Delta R.T. 0.019 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

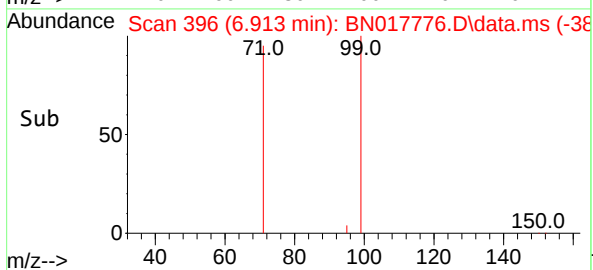
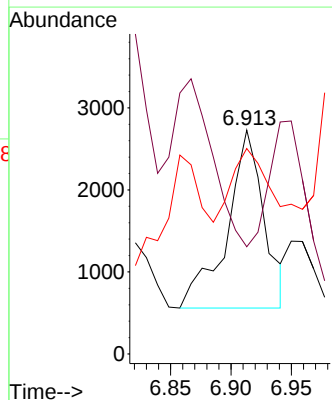
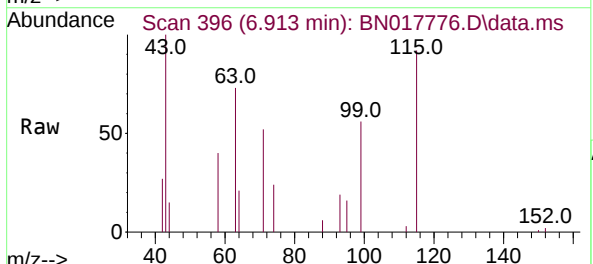
Instrument :
BNA_N
ClientSampleId :
MW-25

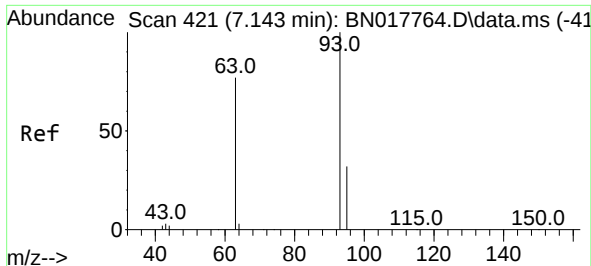
Tgt Ion:112 Resp: 24745
Ion Ratio Lower Upper
112 100
64 0.0 49.3 73.9#
63 0.0 25.8 38.8#



#5
Phenol-d6
Concen: 0.099 ng
RT: 6.913 min Scan# 396
Delta R.T. 0.009 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

Tgt Ion: 99 Resp: 4608
Ion Ratio Lower Upper
99 100
42 0.0 16.6 25.0#
71 52.3 29.0 43.4#

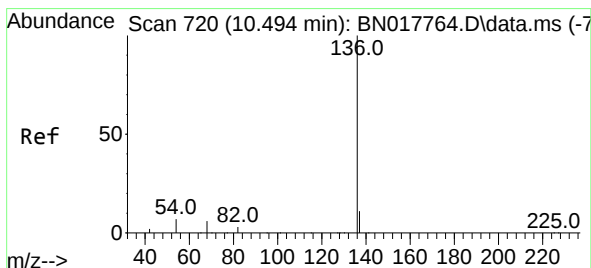
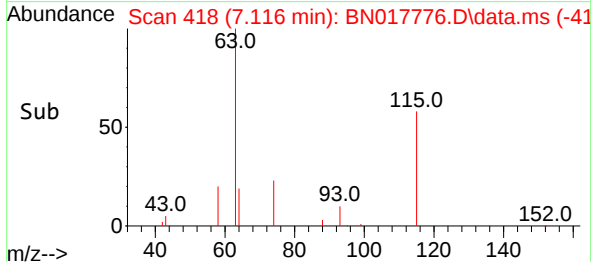
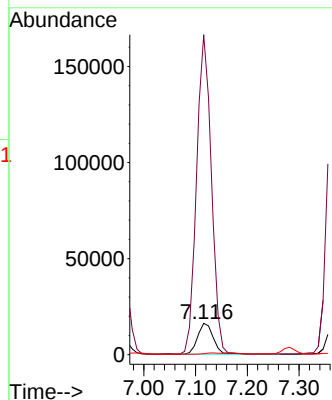
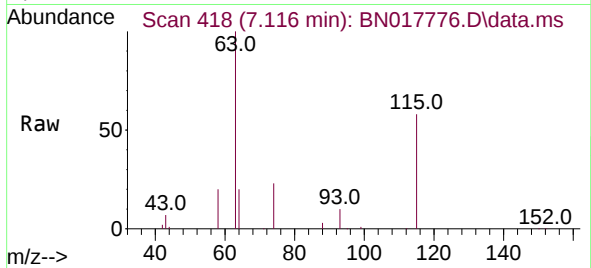




#6
bis(2-Chloroethyl)ether
Concen: 0.645 ng
RT: 7.116 min Scan# 41
Delta R.T. -0.028 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

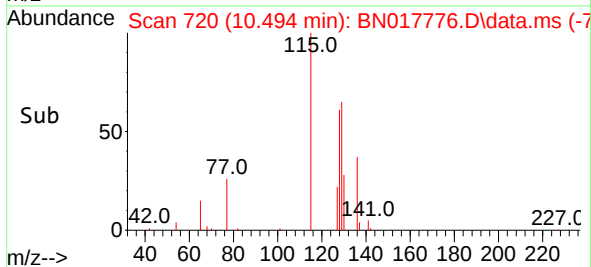
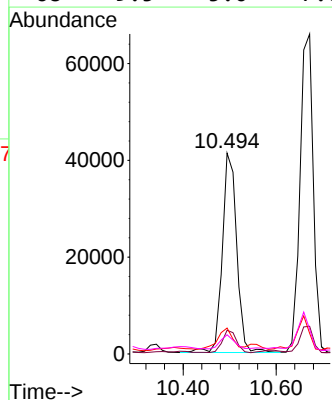
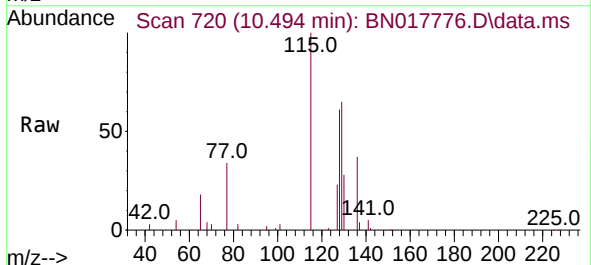
Instrument :
BNA_N
ClientSampleId :
MW-25

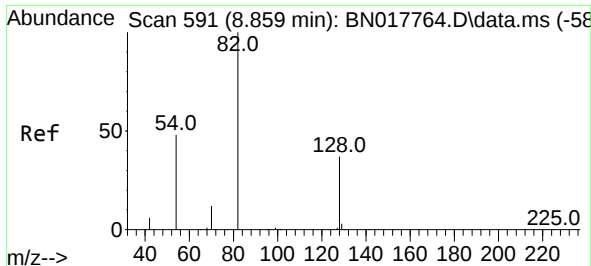
Tgt Ion: 93 Resp: 34081
Ion Ratio Lower Upper
93 100
63 970.2 62.0 93.0#
95 3.5 26.4 39.6#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 720
Delta R.T. 0.000 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

Tgt Ion:136 Resp: 88290
Ion Ratio Lower Upper
136 100
137 11.8 8.8 13.2
54 12.9 5.9 8.9#
68 9.5 5.0 7.6#

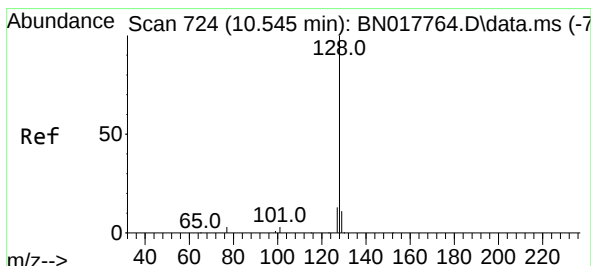
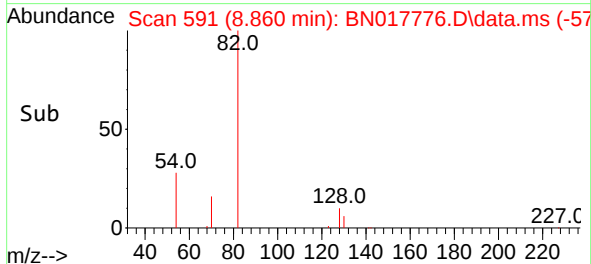
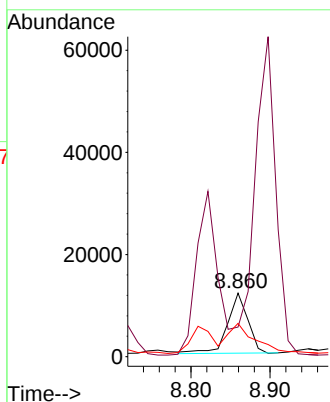
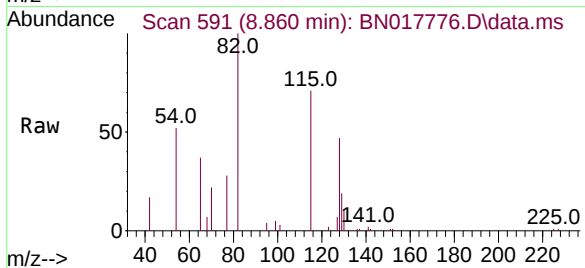




#8
Nitrobenzene-d5
Concen: 0.358 ng
RT: 8.860 min Scan# 591
Delta R.T. 0.000 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

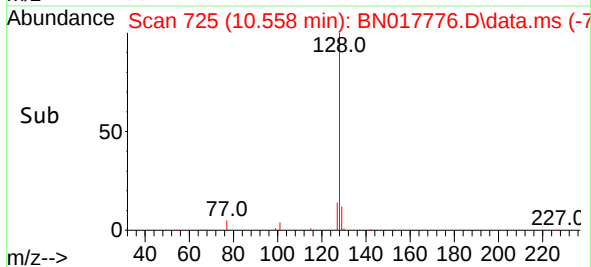
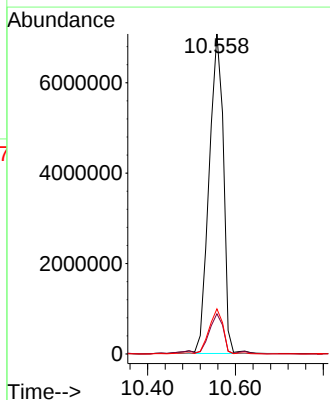
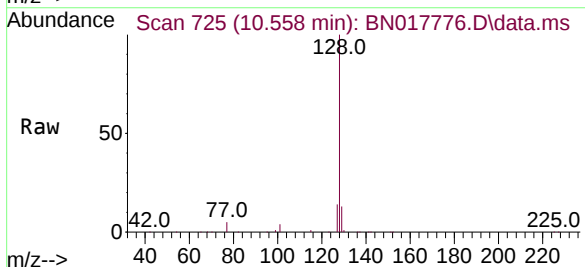
Instrument :
BNA_N
ClientSampleId :
MW-25

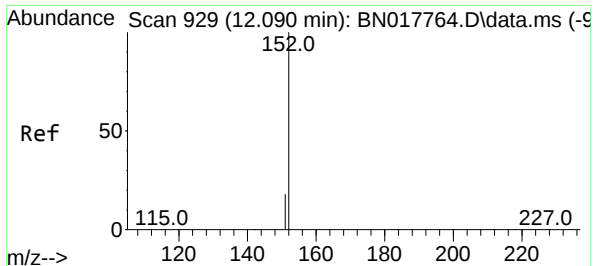
Tgt Ion: 82 Resp: 21053
Ion Ratio Lower Upper
82 100
128 46.7 30.2 45.2#
54 52.4 39.0 58.6



#9
Naphthalene
Concen: 69.052 ng
RT: 10.558 min Scan# 725
Delta R.T. 0.013 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

Tgt Ion:128 Resp:15963247
Ion Ratio Lower Upper
128 100
129 12.6 8.8 13.2
127 14.1 10.6 15.8





#11

2-Methylnaphthalene-d10

Concen: 0.262 ng

RT: 12.090 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN017776.D

Acq: 07 Dec 2021 23:00

Instrument :

BNA_N

ClientSampleId :

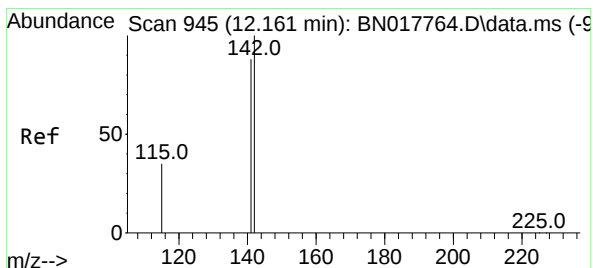
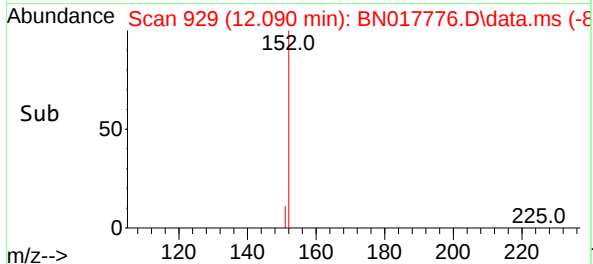
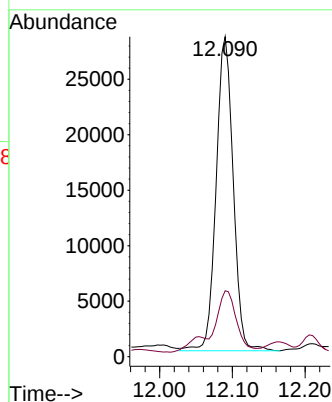
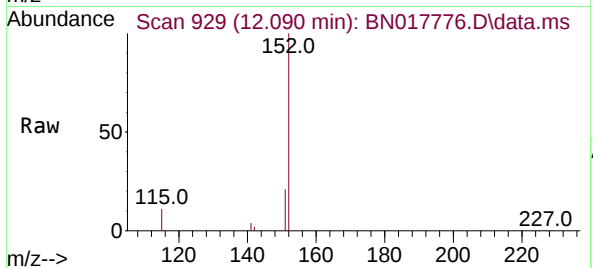
MW-25

Tgt Ion:152 Resp: 46100

Ion Ratio Lower Upper

152 100

151 21.6 16.4 24.6



#12

2-Methylnaphthalene

Concen: 18.442 ng

RT: 12.166 min Scan# 946

Delta R.T. 0.005 min

Lab File: BN017776.D

Acq: 07 Dec 2021 23:00

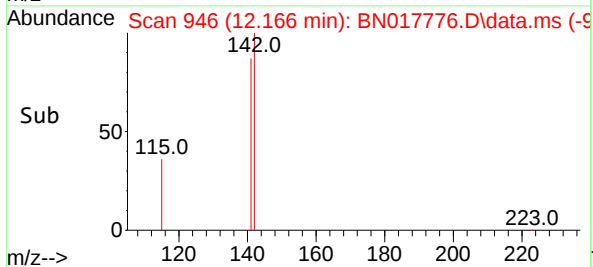
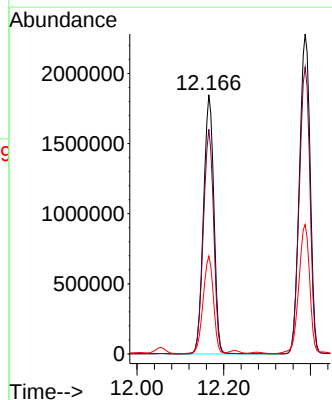
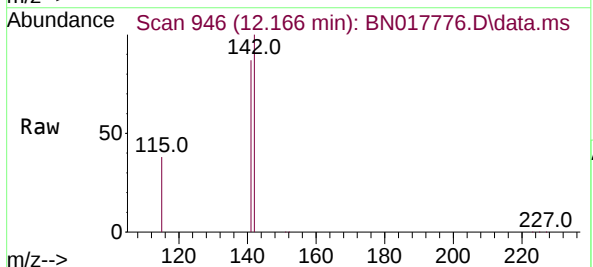
Tgt Ion:142 Resp: 3072235

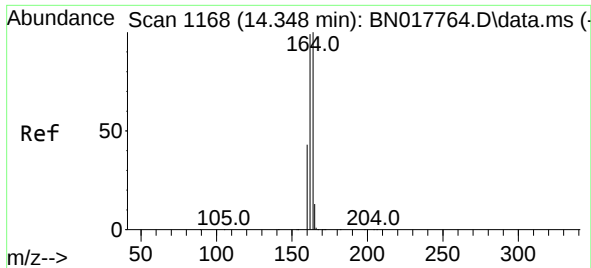
Ion Ratio Lower Upper

142 100

141 86.7 70.5 105.7

115 37.8 28.0 42.0

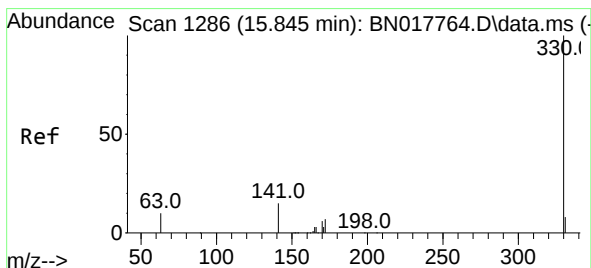
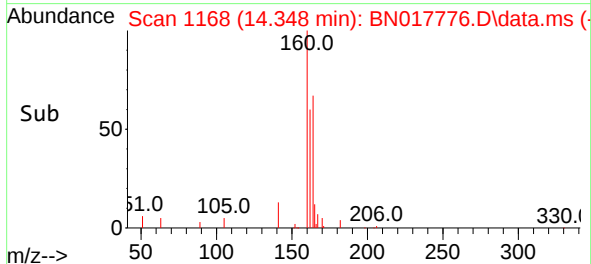
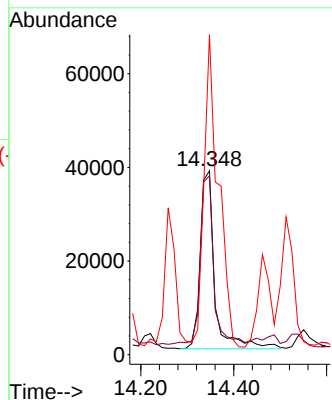
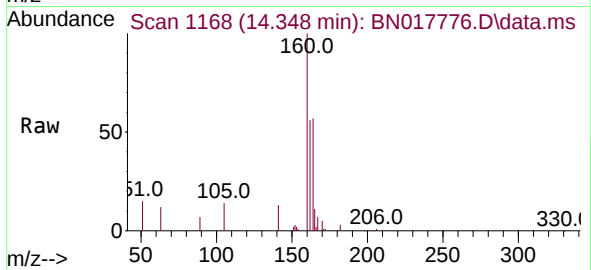




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.348 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BN01776.D
Acq: 07 Dec 2021 23:00

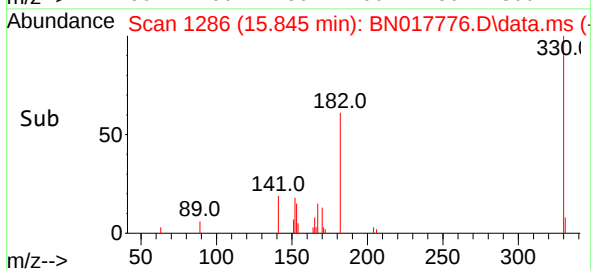
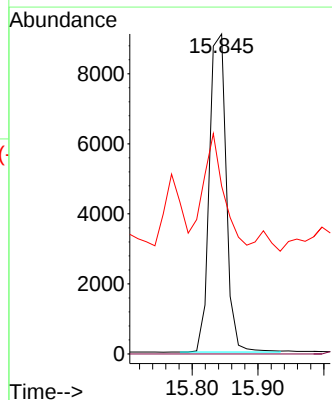
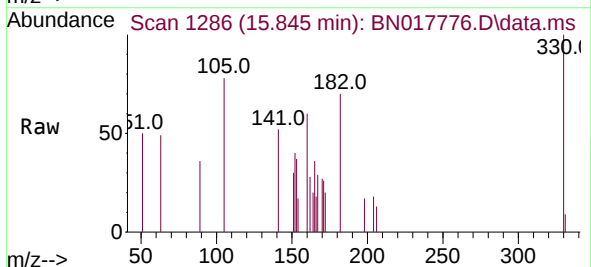
Instrument :
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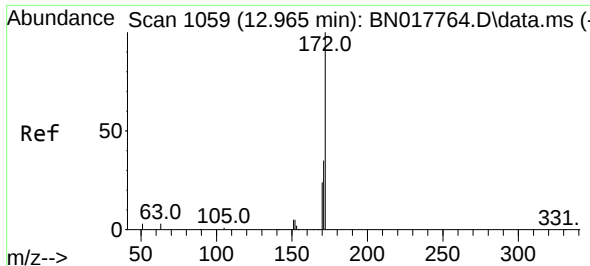
Tgt Ion:164 Resp: 82809
Ion Ratio Lower Upper
164 100
162 97.3 79.0 118.6
160 174.0 34.6 52.0#



#14
2,4,6-Tribromophenol
Concen: 0.373 ng
RT: 15.845 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BN01776.D
Acq: 07 Dec 2021 23:00

Tgt Ion:330 Resp: 16167
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 40.7 21.5 32.3#

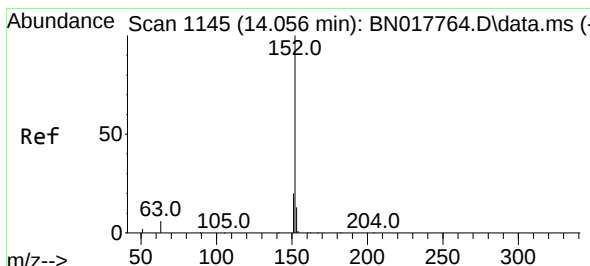
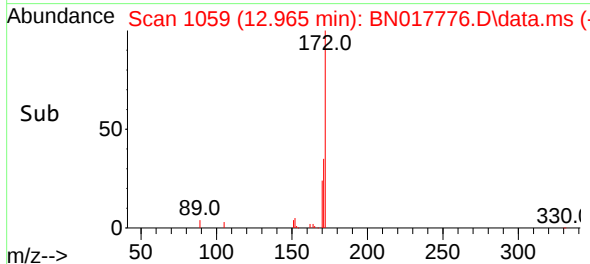
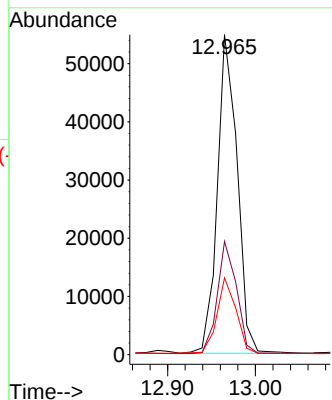
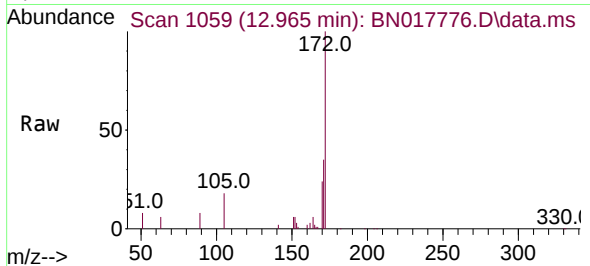




#15
2-Fluorobiphenyl
Concen: 0.283 ng
RT: 12.965 min Scan# 1059
Delta R.T. 0.000 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

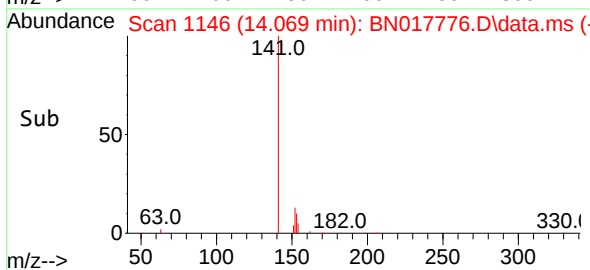
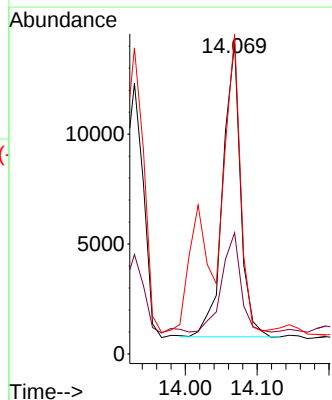
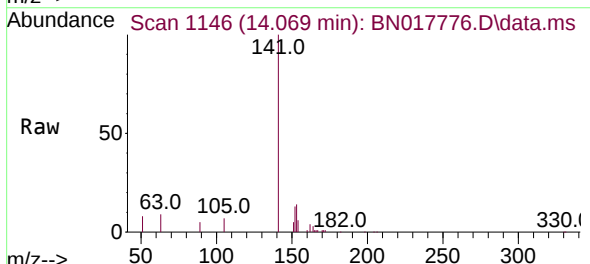
Instrument :
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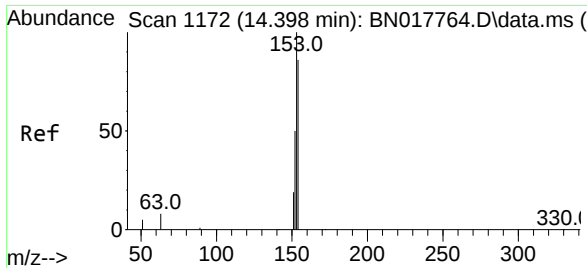
Tgt Ion:172 Resp: 85821
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 24.0 18.9 28.3



#16
Acenaphthylene
Concen: 0.070 ng
RT: 14.069 min Scan# 1146
Delta R.T. 0.013 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

Tgt Ion:152 Resp: 22901
Ion Ratio Lower Upper
152 100
151 36.0 15.7 23.5#
153 87.5 10.4 15.6#

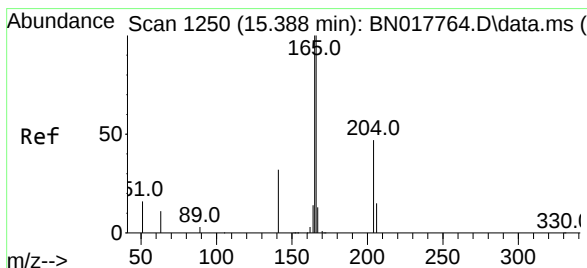
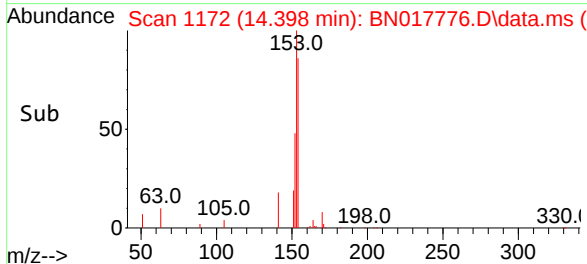
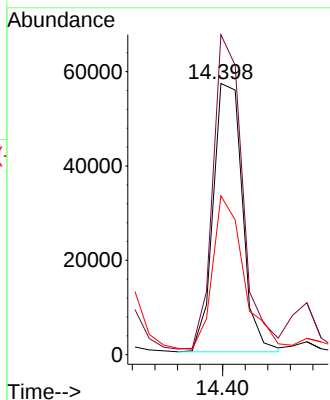
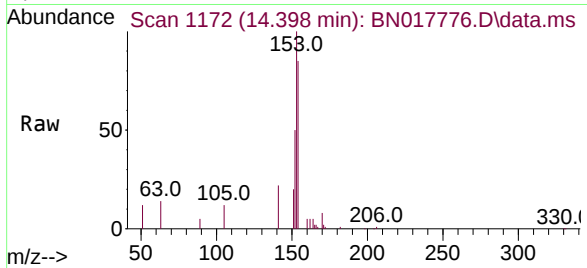




#17
Acenaphthene
Concen: 0.473 ng
RT: 14.398 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

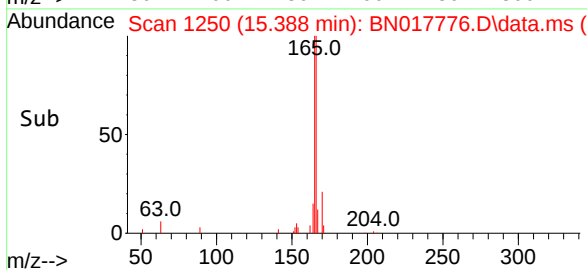
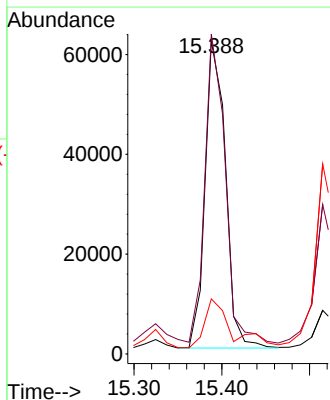
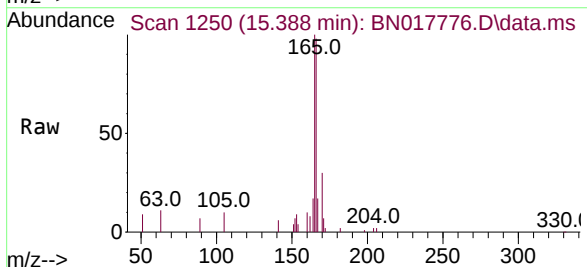
Instrument :
BNA_N
ClientSampleId :
MW-25

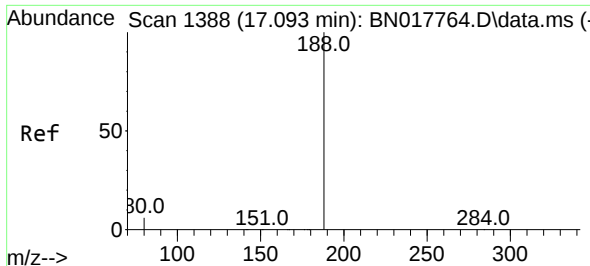
Tgt Ion:154 Resp: 102502
Ion Ratio Lower Upper
154 100
153 118.1 90.1 135.1
152 61.1 43.7 65.5



#18
Fluorene
Concen: 0.360 ng
RT: 15.388 min Scan# 1250
Delta R.T. 0.000 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

Tgt Ion:166 Resp: 99776
Ion Ratio Lower Upper
166 100
165 99.6 77.8 116.8
167 21.3 11.0 16.4#

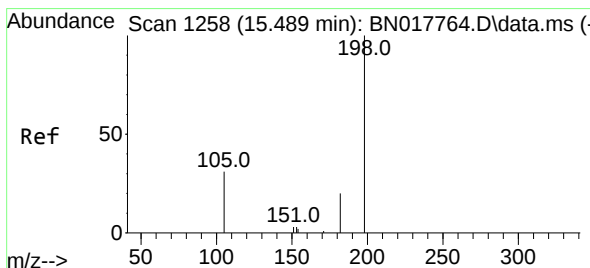
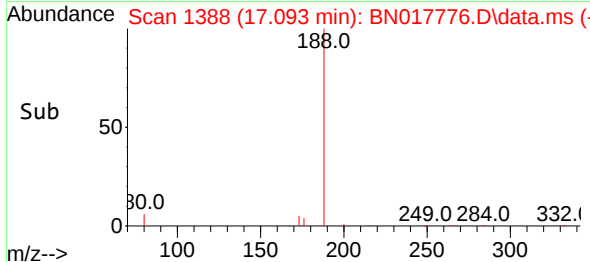
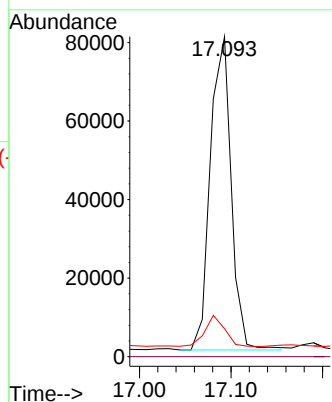
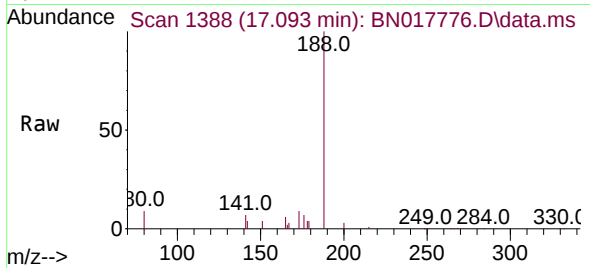




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

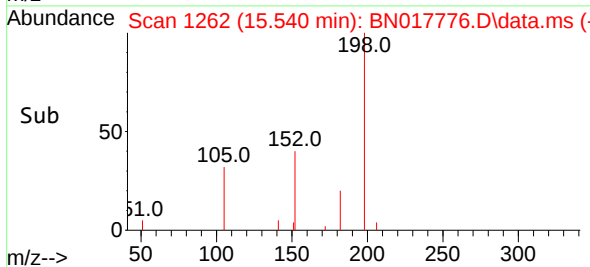
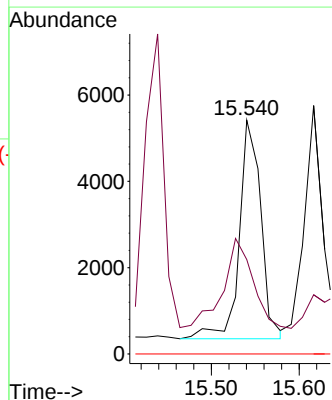
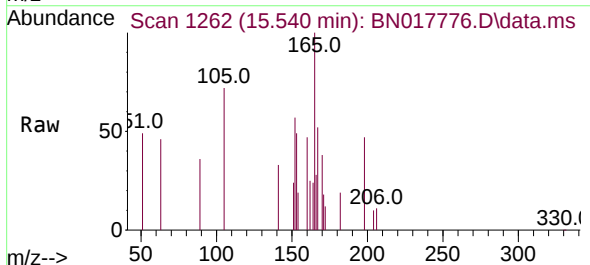
Instrument :
BNA_N
ClientSampleId :
MW-25

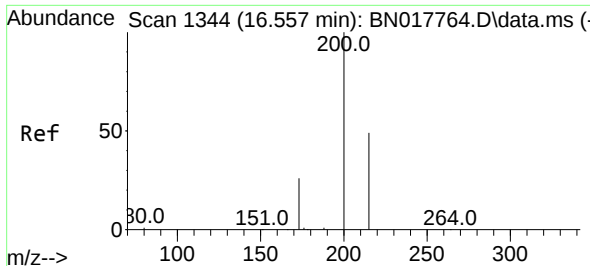
Tgt Ion:188 Resp: 126533
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 5.1 7.7#



#20
4,6-Dinitro-2-methylphenol
Concen: 2.230 ng
RT: 15.540 min Scan# 1262
Delta R.T. 0.051 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

Tgt Ion:198 Resp: 8643
Ion Ratio Lower Upper
198 100
182 40.4 44.2 66.2#
77 0.0 0.0 0.0

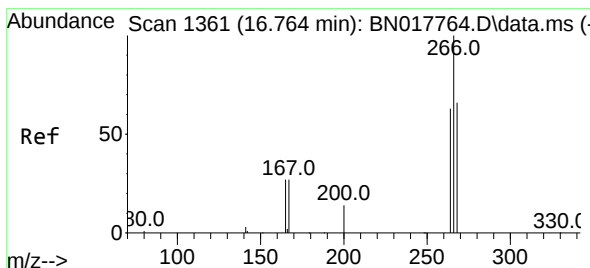
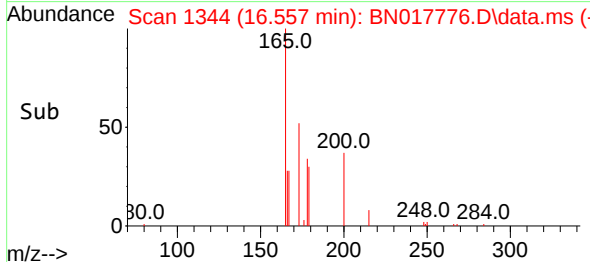
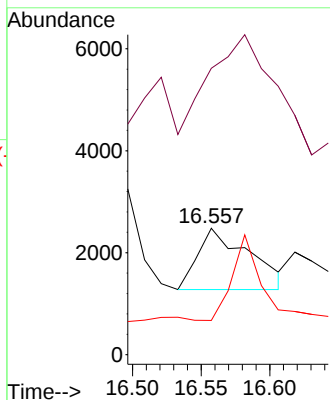
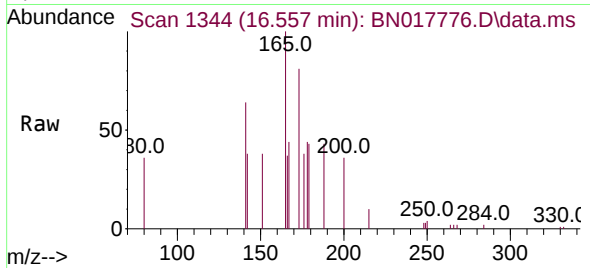




#23
Atrazine
Concen: 0.057 ng
RT: 16.557 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

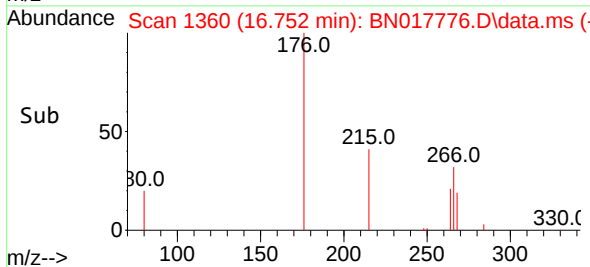
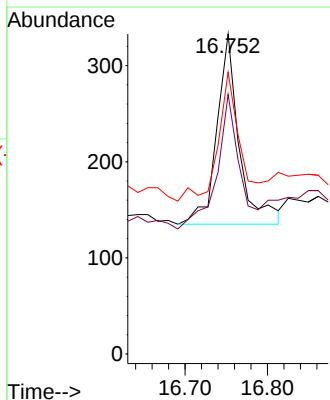
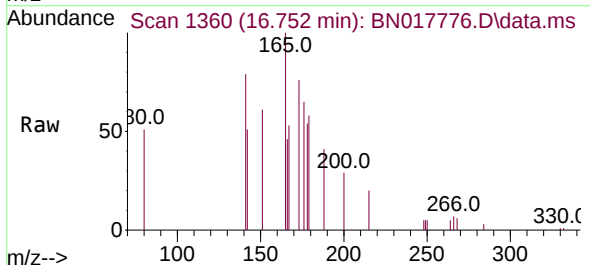
Instrument :
BNA_N
ClientSampleId :
MW-25

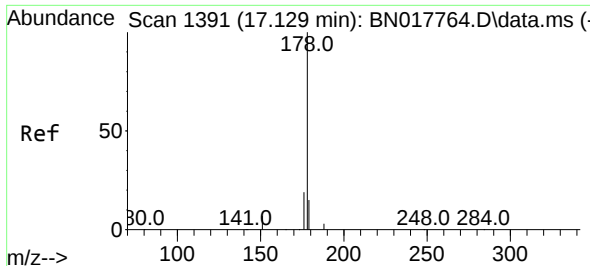
Tgt Ion:200 Resp: 3147
Ion Ratio Lower Upper
200 100
173 226.5 21.4 32.2#
215 27.1 39.3 58.9#



#24
Pentachlorophenol
Concen: 0.291 ng
RT: 16.752 min Scan# 1360
Delta R.T. -0.012 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

Tgt Ion:266 Resp: 374
Ion Ratio Lower Upper
266 100
264 71.7 50.8 76.2
268 64.7 51.8 77.6

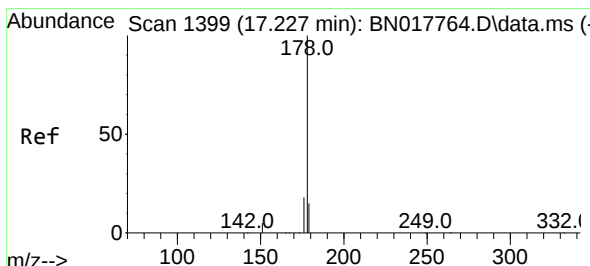
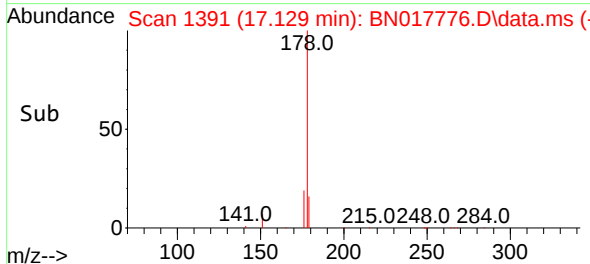
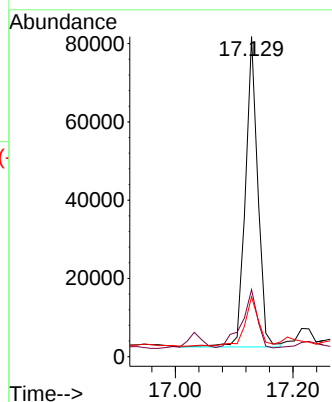
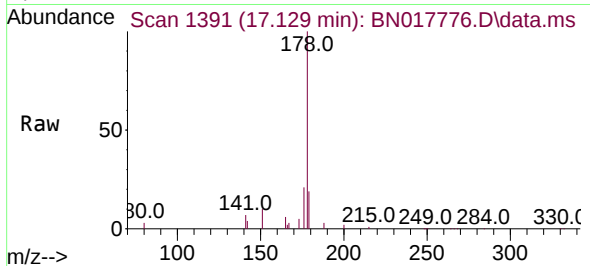




#25
Phenanthrene
Concen: 0.348 ng
RT: 17.129 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

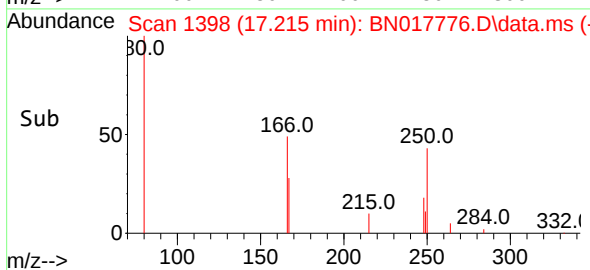
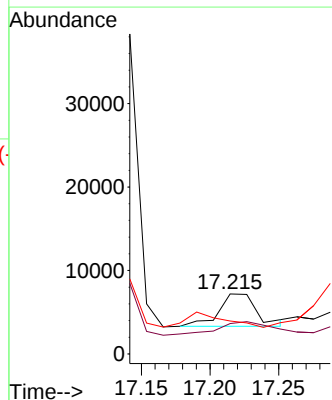
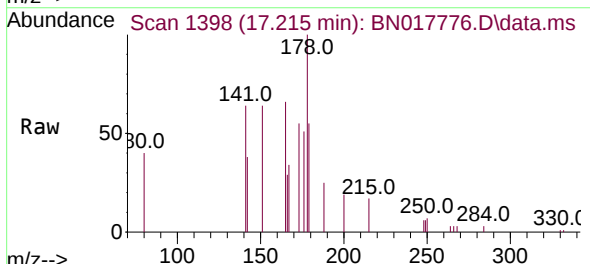
Instrument :
BNA_N
ClientSampleId :
MW-25

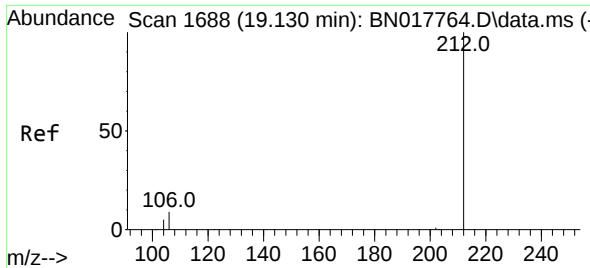
Tgt Ion:178 Resp: 115667
Ion Ratio Lower Upper
178 100
176 23.4 15.0 22.6#
179 17.7 12.5 18.7



#26
Anthracene
Concen: 0.026 ng
RT: 17.215 min Scan# 1398
Delta R.T. -0.012 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

Tgt Ion:178 Resp: 7524
Ion Ratio Lower Upper
178 100
176 64.6 14.5 21.7#
179 0.0 12.2 18.4#

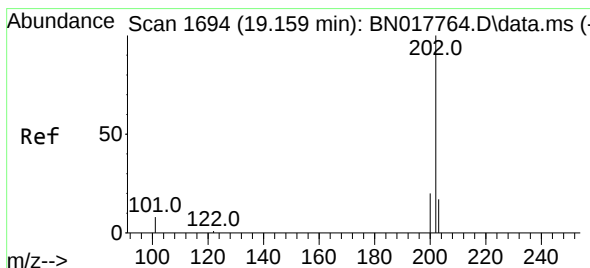
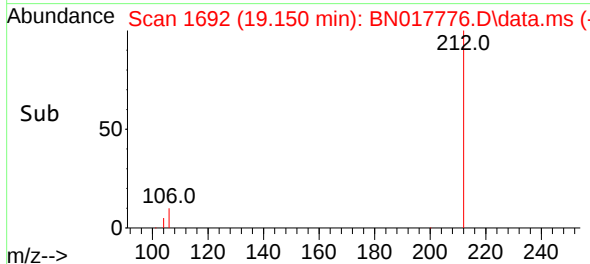
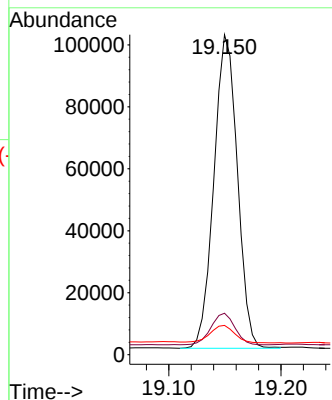
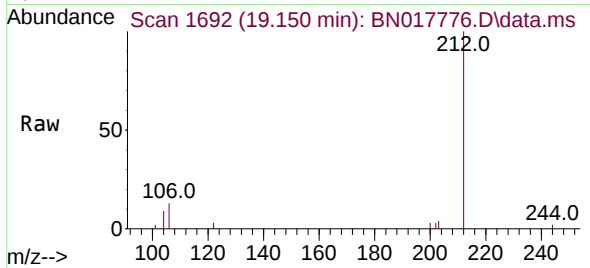




#27
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.150 min Scan# 1692
Delta R.T. 0.020 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

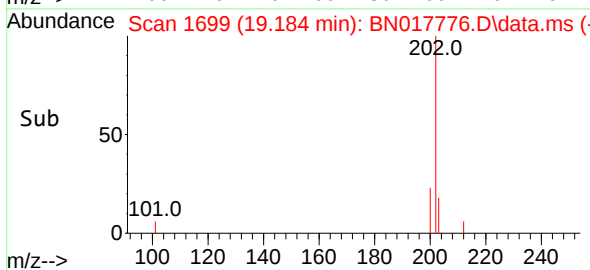
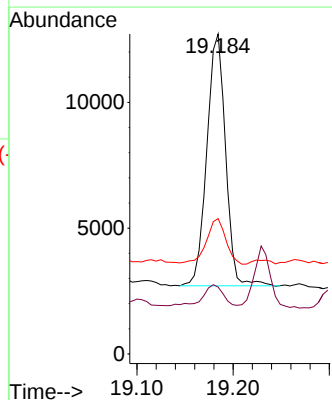
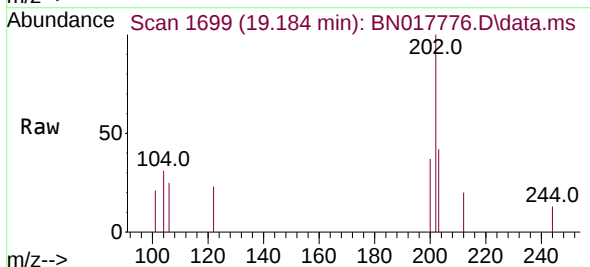
Instrument :
BNA_N
ClientSampleId :
MW-25

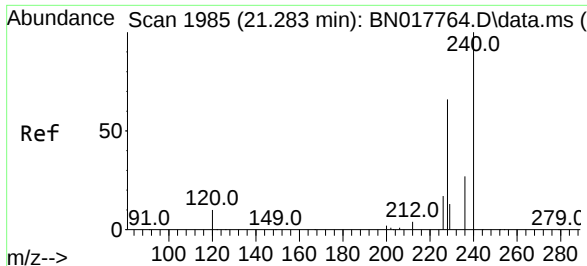
Tgt Ion:212 Resp: 147056
Ion Ratio Lower Upper
212 100
106 10.3 8.2 12.2
104 6.0 4.6 6.8



#28
Fluoranthene
Concen: 0.033 ng
RT: 19.184 min Scan# 1699
Delta R.T. 0.025 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

Tgt Ion:202 Resp: 13516
Ion Ratio Lower Upper
202 100
101 8.6 7.2 10.8
203 18.8 13.7 20.5

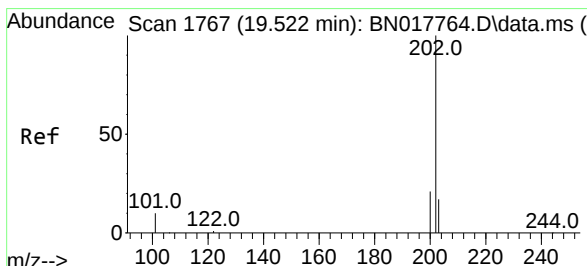
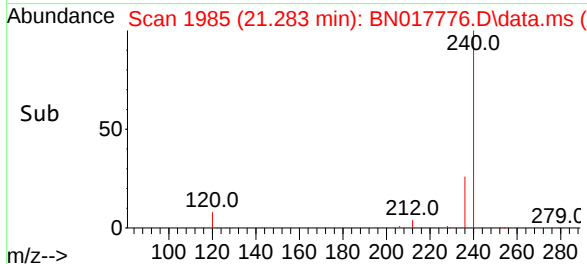
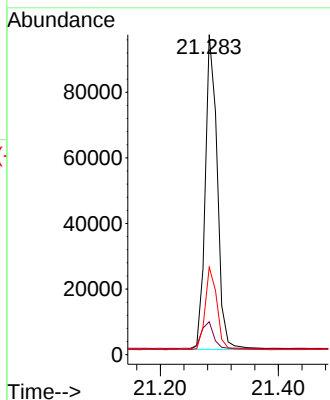
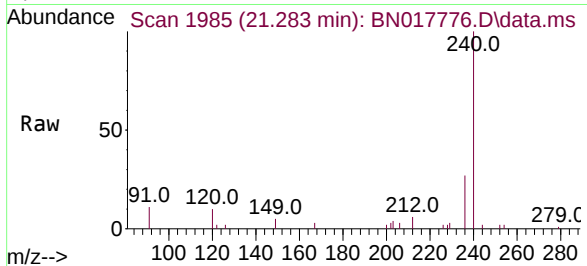




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.283 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

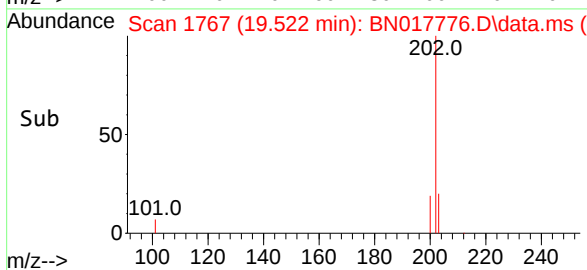
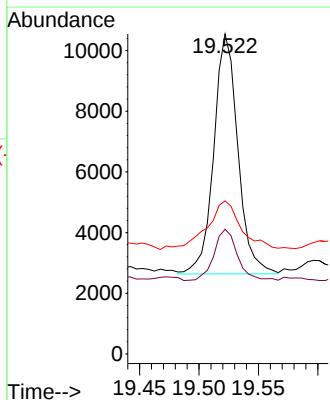
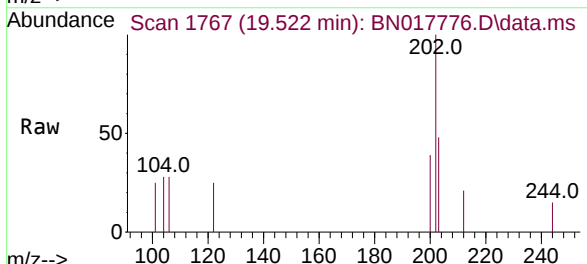
Instrument :
BNA_N
ClientSampleId :
MW-25

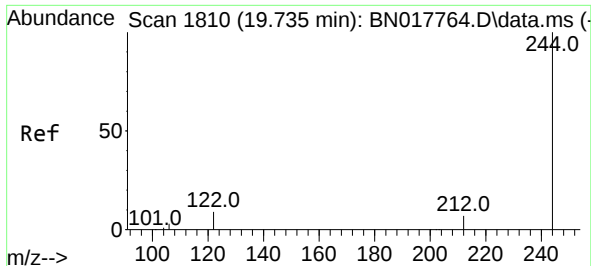
Tgt Ion:240 Resp: 136041
Ion Ratio Lower Upper
240 100
120 10.3 7.9 11.9
236 27.3 21.4 32.2



#30
Pyrene
Concen: 0.026 ng
RT: 19.522 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

Tgt Ion:202 Resp: 11127
Ion Ratio Lower Upper
202 100
200 20.9 16.5 24.7
203 29.1 14.0 21.0#

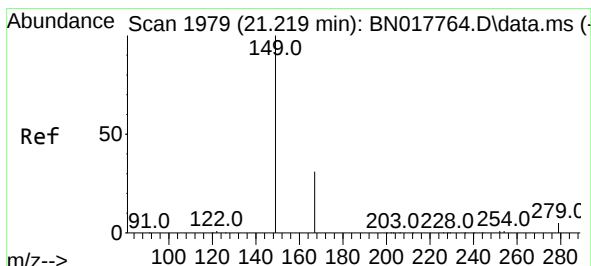
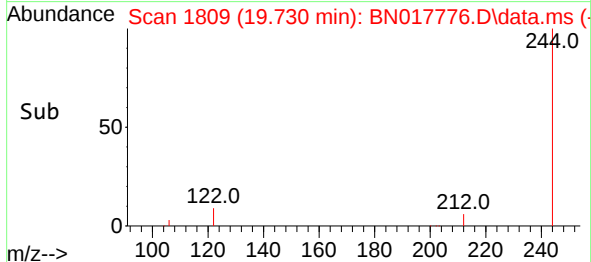
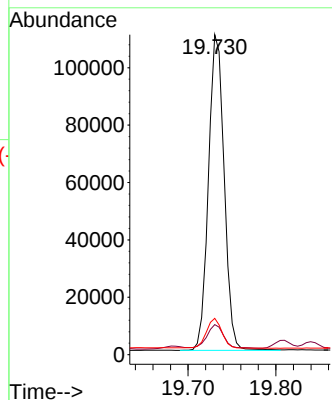
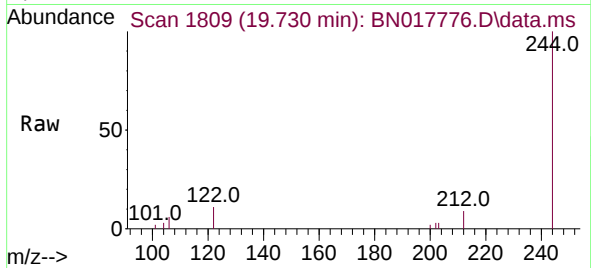




#31
 Terphenyl-d14
 Concen: 0.467 ng
 RT: 19.730 min Scan# 1810
 Delta R.T. -0.005 min
 Lab File: BN017776.D
 Acq: 07 Dec 2021 23:00

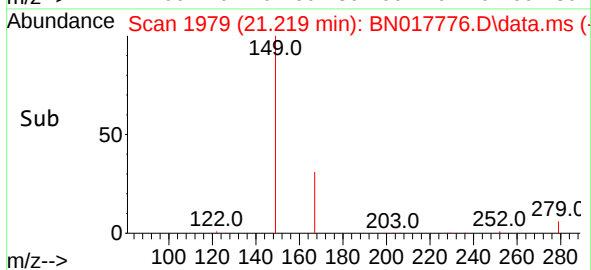
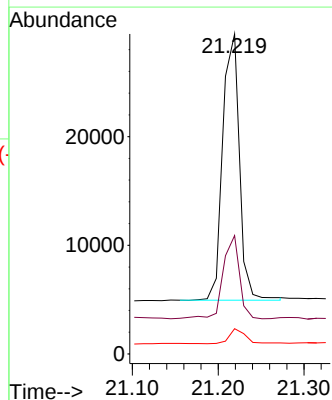
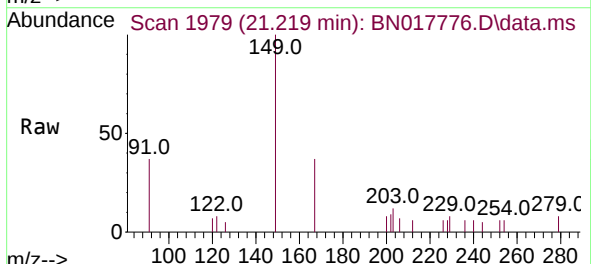
Instrument :
 BNA_N
 ClientSampleId :
 MW-25

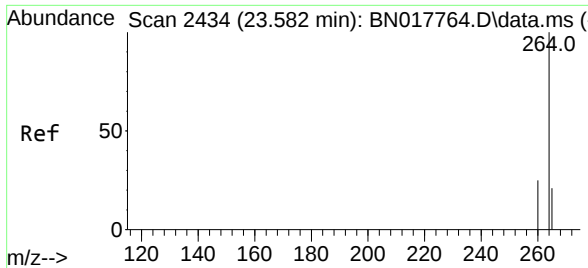
Tgt Ion:244 Resp: 136481
 Ion Ratio Lower Upper
 244 100
 212 9.4 5.8 8.8#
 122 11.3 7.1 10.7#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.175 ng
 RT: 21.219 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: BN017776.D
 Acq: 07 Dec 2021 23:00

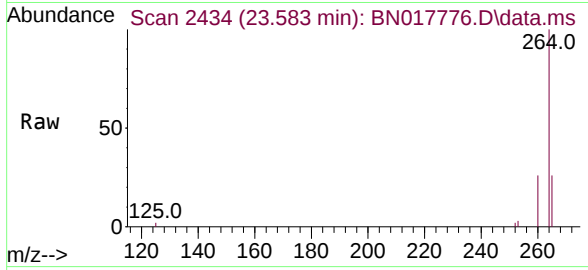
Tgt Ion:149 Resp: 33221
 Ion Ratio Lower Upper
 149 100
 167 30.3 23.5 35.3
 279 5.4 3.8 5.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.583 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN017776.D
 Acq: 07 Dec 2021 23:00

Instrument :
 BNA_N
 ClientSampleId :
 MW-25



Tgt Ion:264 Resp: 124695

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.0	30.0
265	26.4	20.5	30.7

