

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
 Data File : BN017793.D
 Acq On : 08 Dec 2021 10:21
 Operator : CG/JU
 Sample : M4918-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-43

Quant Time: Dec 09 00:04:20 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)

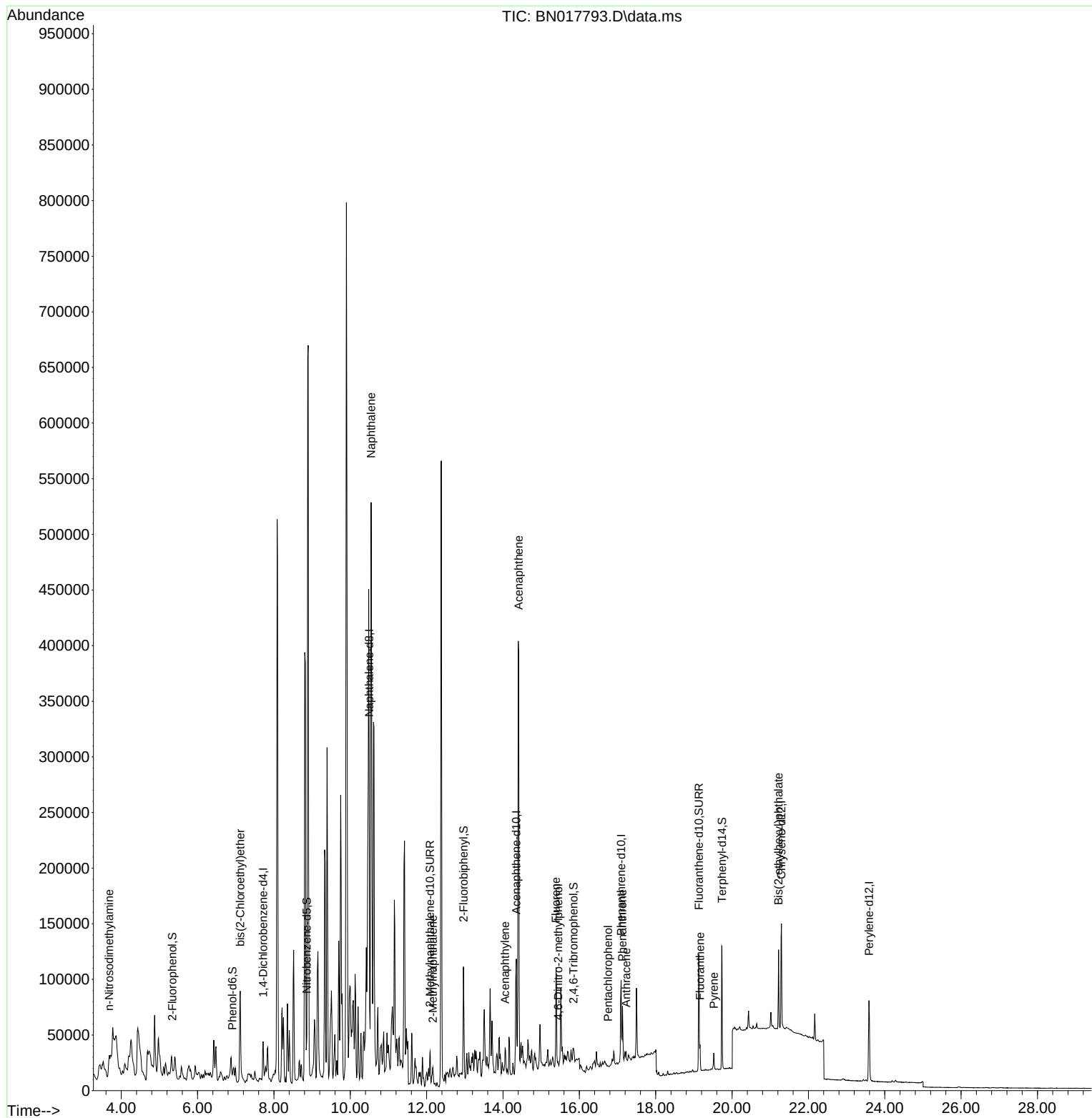
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	17688	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	67508	0.400	ng	0.00
13) Acenaphthene-d10	14.347	164	55125	0.400	ng	# 0.00
19) Phenanthrene-d10	17.093	188	106156	0.400	ng	# 0.00
29) Chrysene-d12	21.293	240	101889	0.400	ng	# 0.01
35) Perylene-d12	23.586	264	100219	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5424	0.127	ng	0.00
5) Phenol-d6	6.913	99	2598	0.064	ng	0.00
8) Nitrobenzene-d5	8.859	82	19814	0.441	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	42492	0.316	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	9296	0.323	ng	0.00
15) 2-Fluorobiphenyl	12.965	172	82056	0.407	ng	0.00
27) Fluoranthene-d10	19.130	212	123492	0.348	ng	0.00
31) Terphenyl-d14	19.735	244	117521	0.537	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.686	42	921	0.050	ng	# 1
6) bis(2-Chloroethyl)ether	7.116	93	6863	0.150	ng	# 1
9) Naphthalene	10.545	128	394869	2.234	ng	# 81
12) 2-Methylnaphthalene	12.161	142	11125	0.087	ng	# 66
16) Acenaphthylene	14.056	152	10166	0.047	ng	# 65
17) Acenaphthene	14.411	154	228199	1.581	ng	99
18) Fluorene	15.388	166	58511	0.317	ng	98
20) 4,6-Dinitro-2-methylph...	15.451	198	154	0.215	ng	# 1
24) Pentachlorophenol	16.752	266	169	0.286	ng	93
25) Phenanthrene	17.129	178	53144	0.191	ng	# 94
26) Anthracene	17.227	178	10651	0.043	ng	# 72
28) Fluoranthene	19.159	202	20243	0.060	ng	98
30) Pyrene	19.522	202	14152	0.044	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.219	149	58910	0.415	ng	100

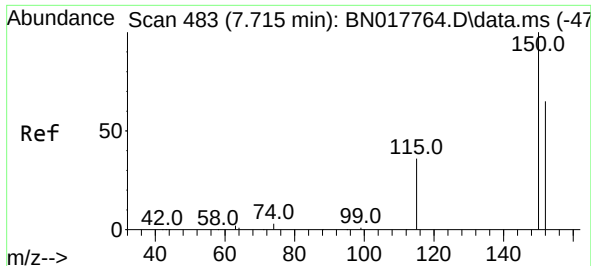
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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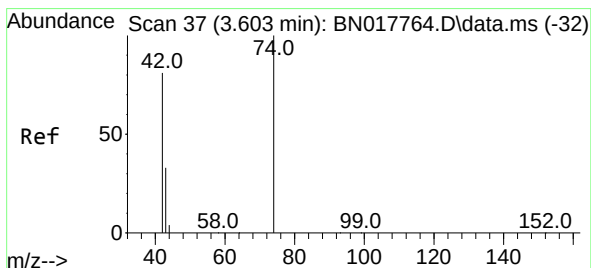
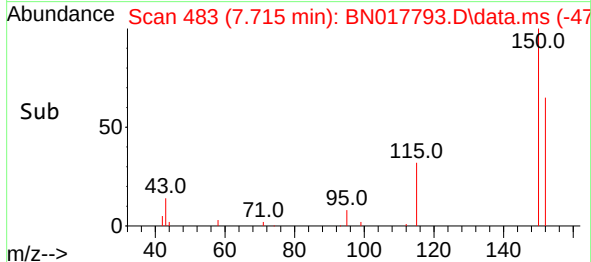
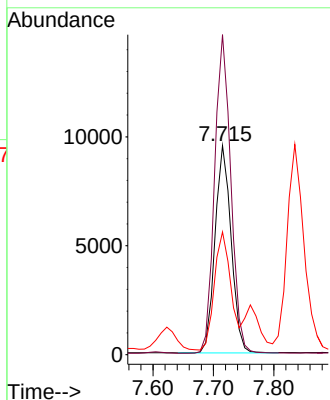
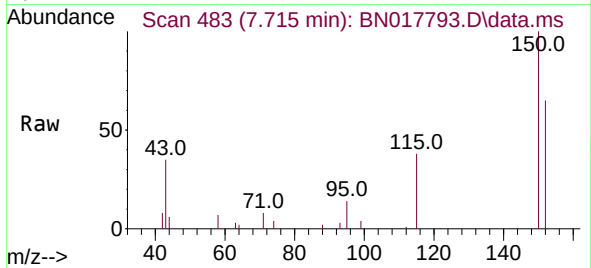




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

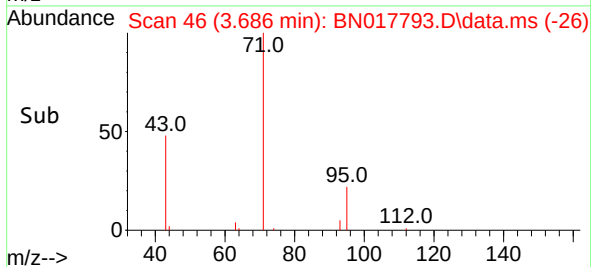
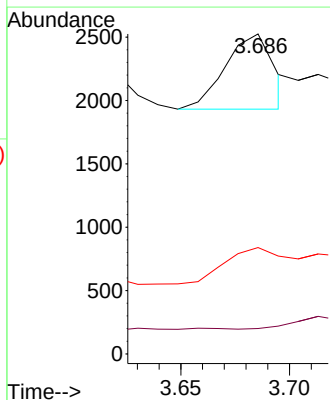
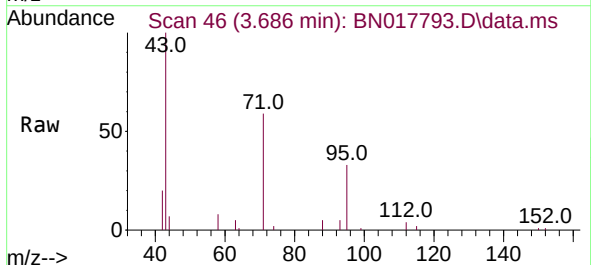
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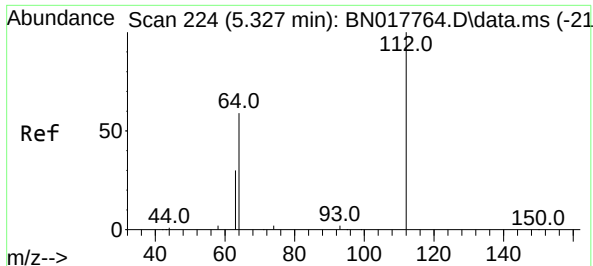
Tgt Ion:152 Resp: 17688
Ion Ratio Lower Upper
152 100
150 153.0 123.0 184.4
115 58.7 45.3 67.9



#3
n-Nitrosodimethylamine
Concen: 0.050 ng
RT: 3.686 min Scan# 46
Delta R.T. 0.083 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

Tgt Ion: 42 Resp: 921
Ion Ratio Lower Upper
42 100
74 0.0 101.3 151.9#
44 54.2 5.0 7.4#

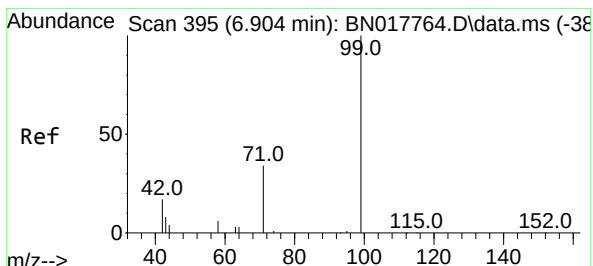
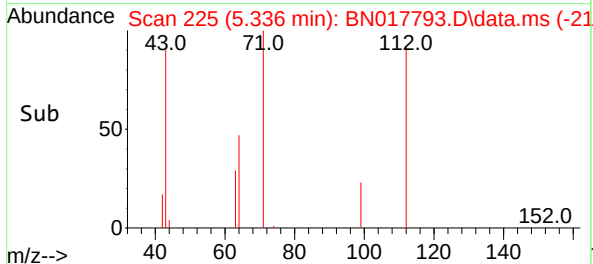
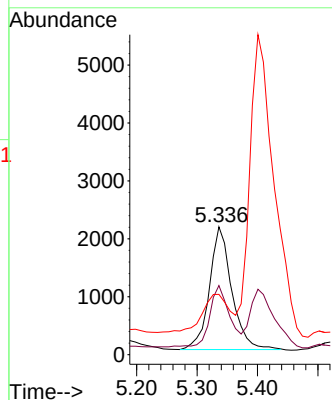
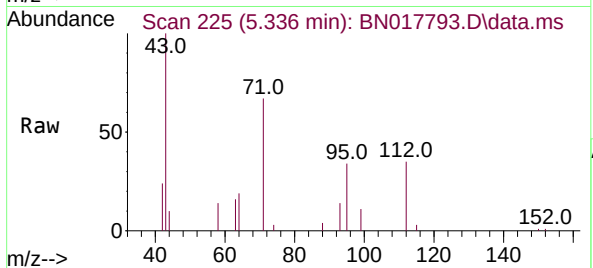




#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.336 min Scan# 211
Delta R.T. 0.009 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

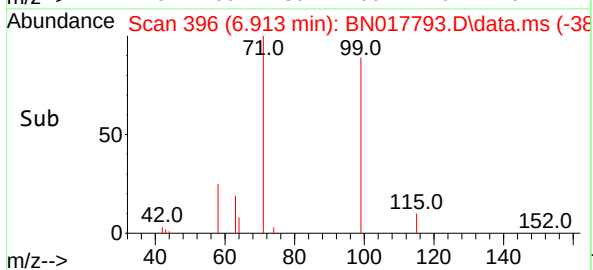
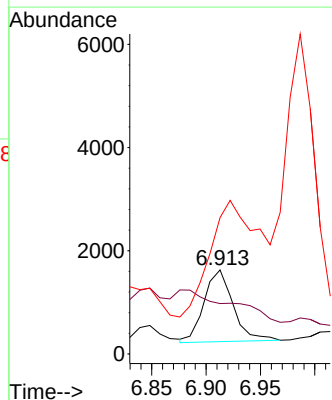
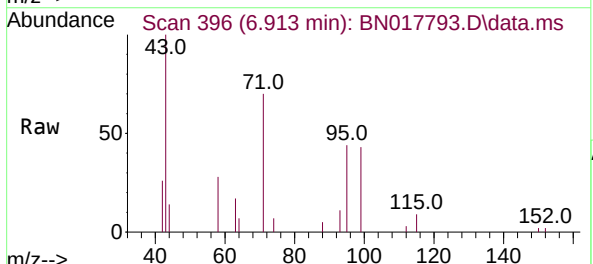
Instrument :
BNA_N
ClientSampleId :
MW-43

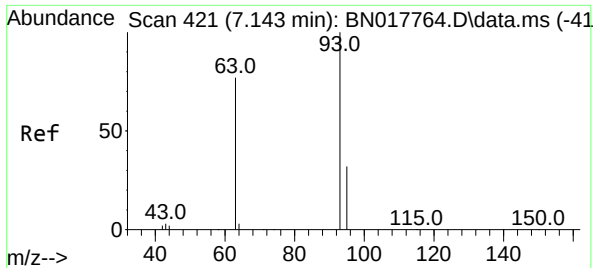
Tgt Ion:112 Resp: 5424
Ion Ratio Lower Upper
112 100
64 44.2 49.3 73.9#
63 36.5 25.8 38.8



#5
Phenol-d6
Concen: 0.064 ng
RT: 6.913 min Scan# 396
Delta R.T. 0.009 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

Tgt Ion: 99 Resp: 2598
Ion Ratio Lower Upper
99 100
42 0.0 16.6 25.0#
71 277.1 29.0 43.4#

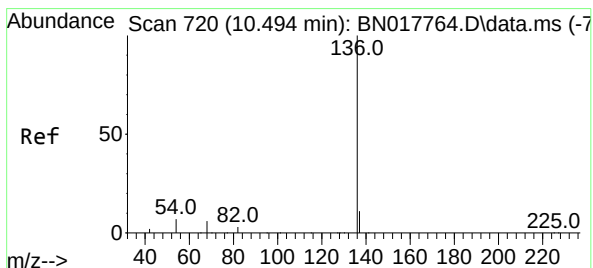
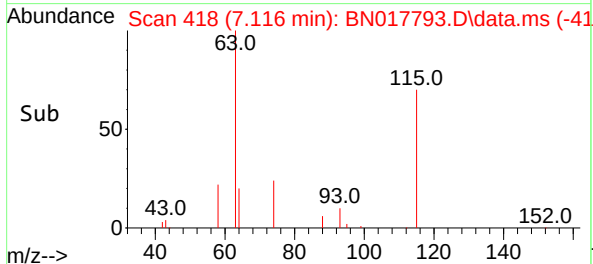
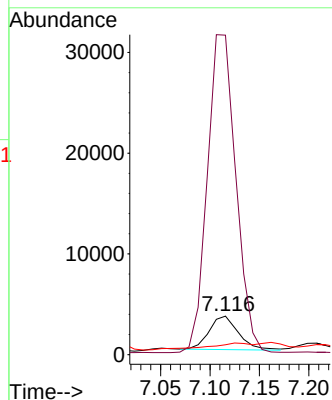
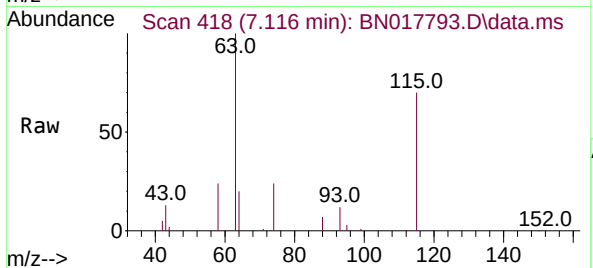




#6
bis(2-Chloroethyl)ether
Concen: 0.150 ng
RT: 7.116 min Scan# 41
Delta R.T. -0.028 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

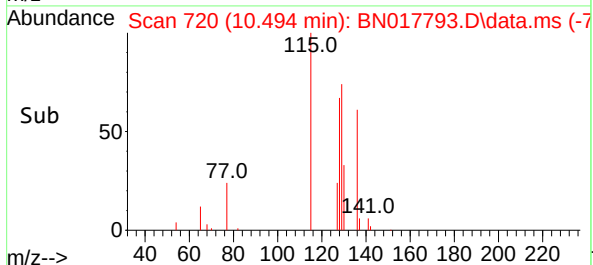
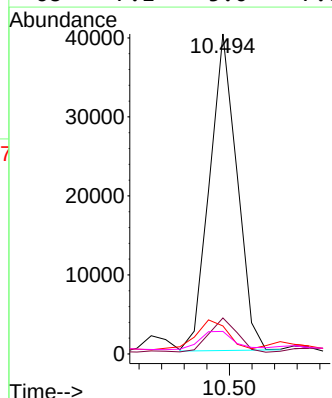
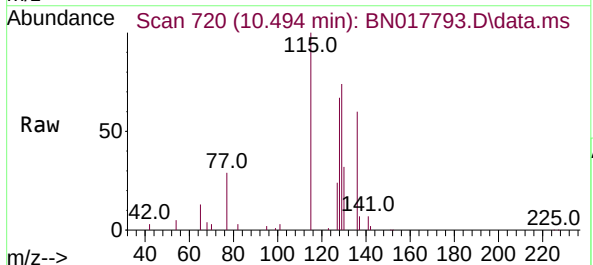
Instrument :
BNA_N
ClientSampleId :
MW-43

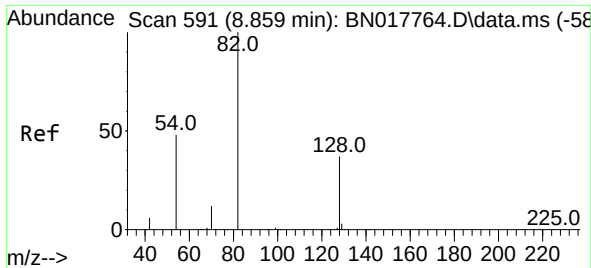
Tgt Ion: 93 Resp: 6863
Ion Ratio Lower Upper
93 100
63 925.9 62.0 93.0#
95 18.3 26.4 39.6#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 720
Delta R.T. -0.000 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

Tgt Ion: 136 Resp: 67508
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.7 5.9 8.9
68 7.1 5.0 7.6

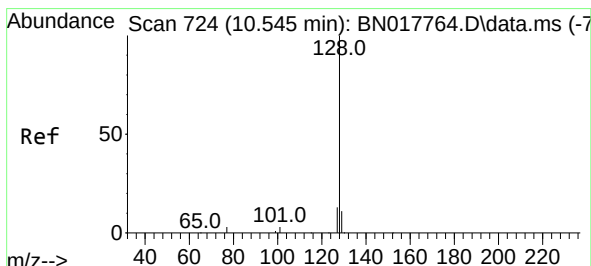
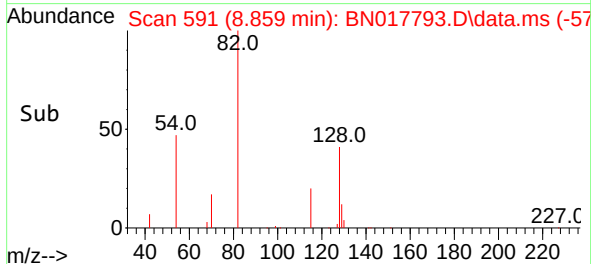
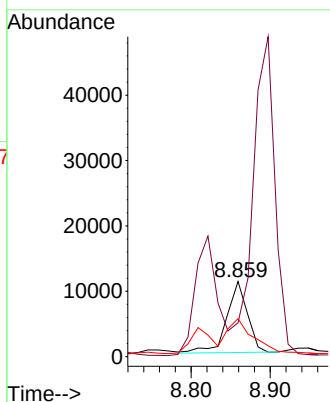
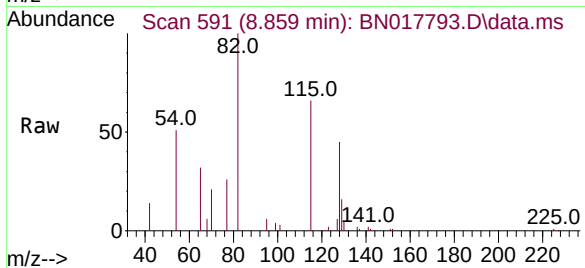




#8
Nitrobenzene-d5
Concen: 0.441 ng
RT: 8.859 min Scan# 591
Delta R.T. -0.000 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

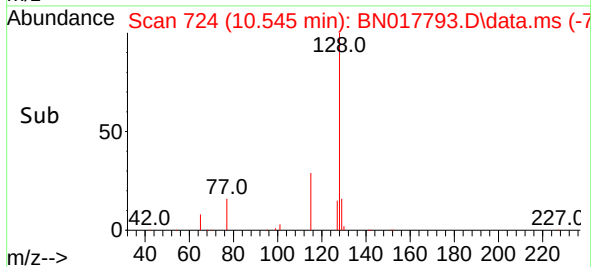
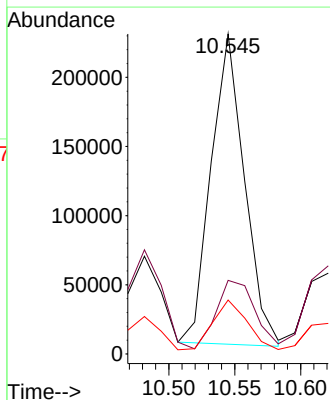
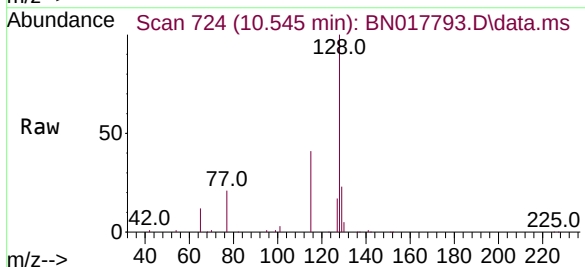
Instrument :
BNA_N
ClientSampleId :
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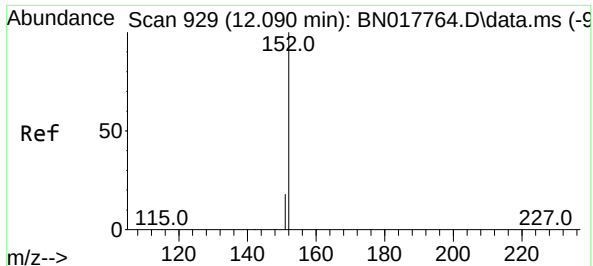
Tgt Ion: 82 Resp: 19814
Ion Ratio Lower Upper
82 100
128 45.0 30.2 45.2
54 50.6 39.0 58.6



#9
Naphthalene
Concen: 2.234 ng
RT: 10.545 min Scan# 724
Delta R.T. -0.000 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

Tgt Ion: 128 Resp: 394869
Ion Ratio Lower Upper
128 100
129 23.0 8.8 13.2#
127 16.8 10.6 15.8#

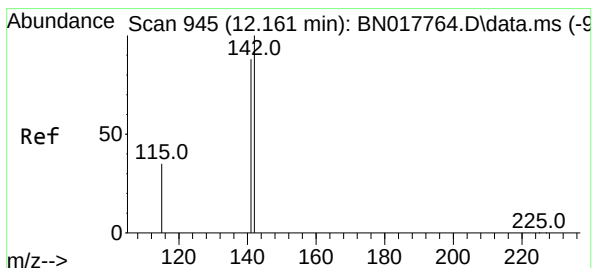
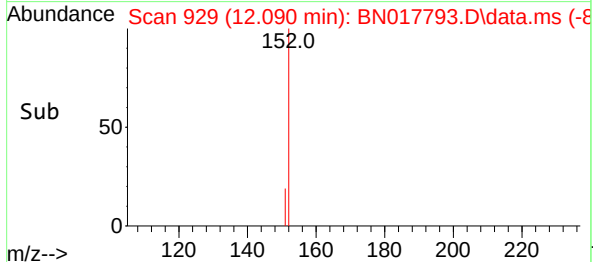
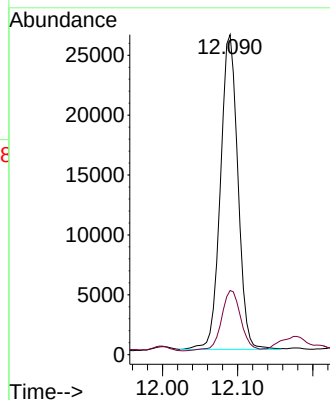
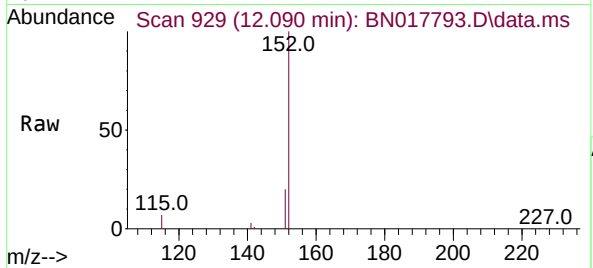




#11
2-Methylnaphthalene-d10
Concen: 0.316 ng
RT: 12.090 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

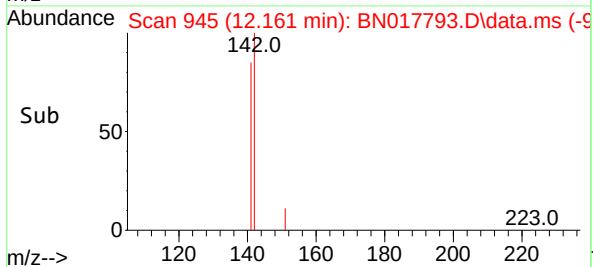
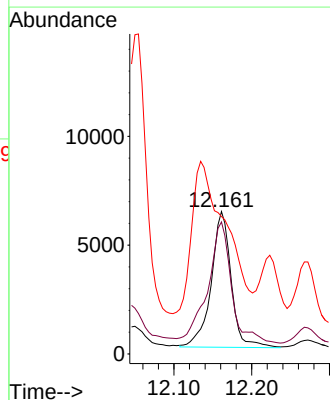
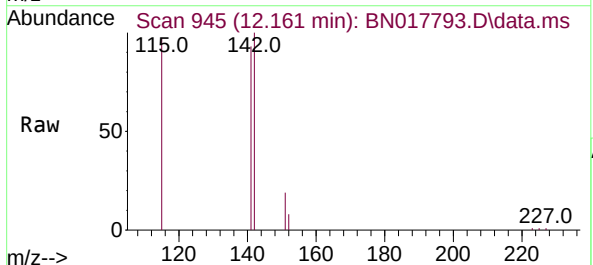
Instrument :
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ClientSampleId :
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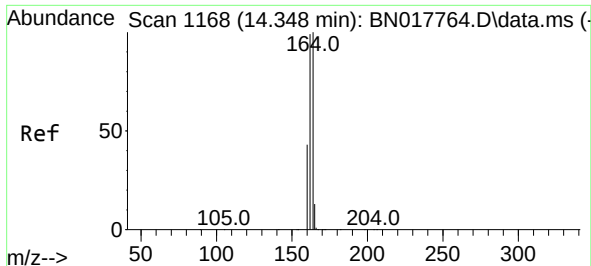
Tgt Ion:152 Resp: 42492
Ion Ratio Lower Upper
152 100
151 21.7 16.4 24.6



#12
2-Methylnaphthalene
Concen: 0.087 ng
RT: 12.161 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

Tgt Ion:142 Resp: 11125
Ion Ratio Lower Upper
142 100
141 92.7 70.5 105.7
115 96.5 28.0 42.0#

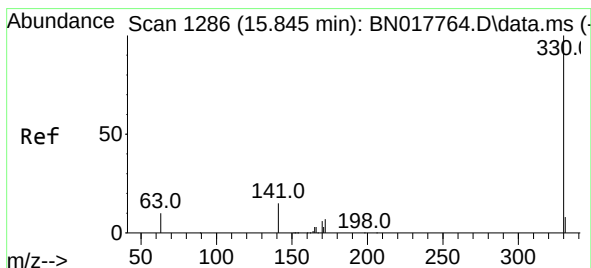
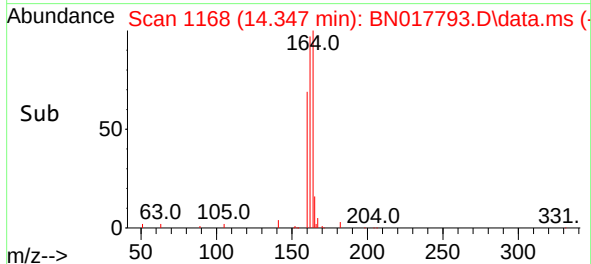
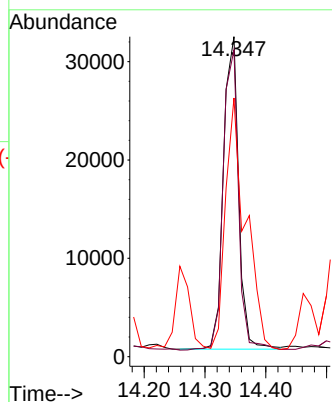
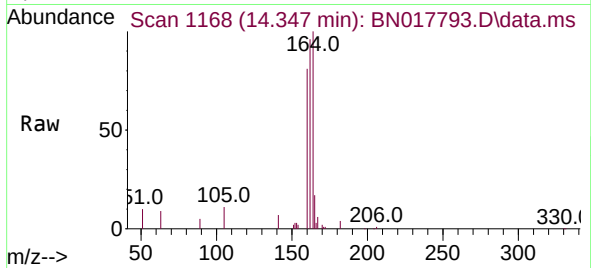




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

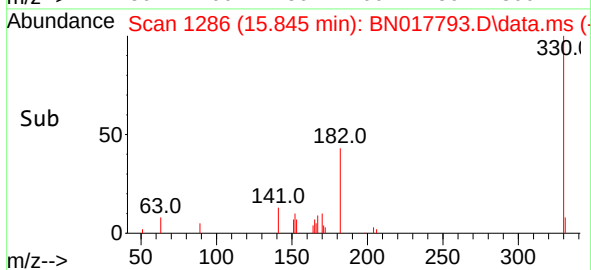
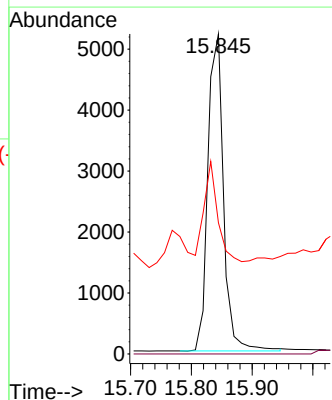
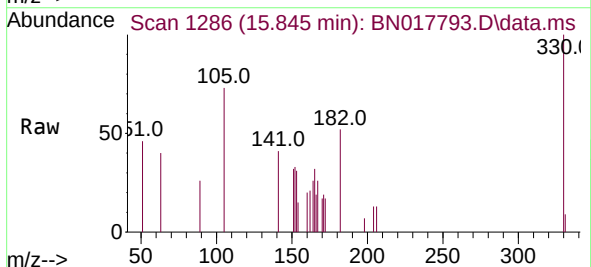
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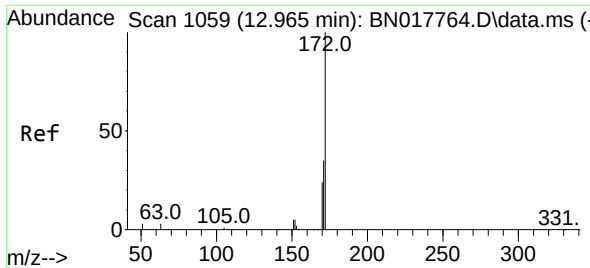
Tgt Ion:164 Resp: 55125
Ion Ratio Lower Upper
164 100
162 95.9 79.0 118.6
160 80.9 34.6 52.0#



#14
2,4,6-Tribromophenol
Concen: 0.323 ng
RT: 15.845 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

Tgt Ion:330 Resp: 9296
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 27.1 21.5 32.3

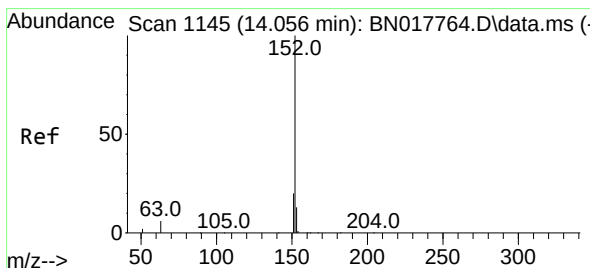
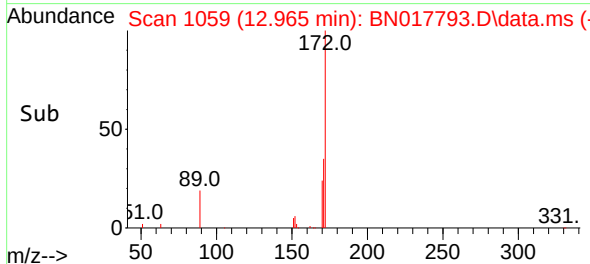
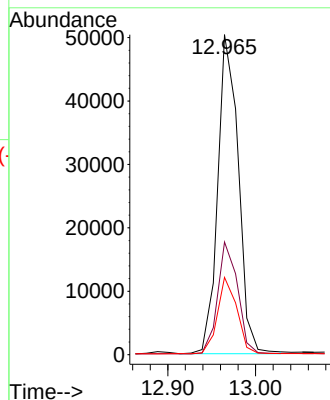
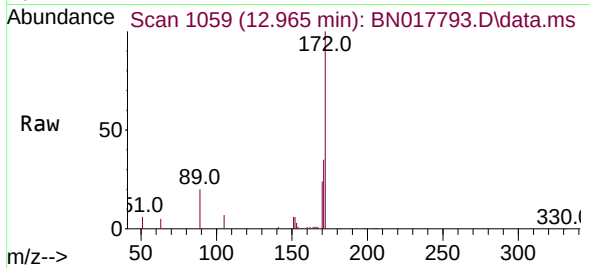




#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 12.965 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

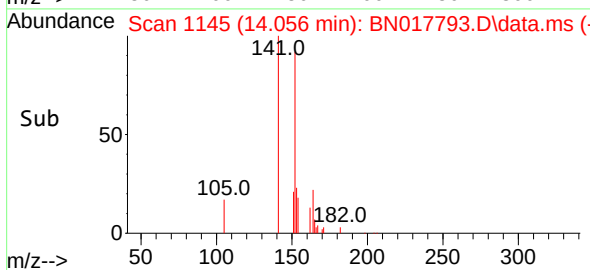
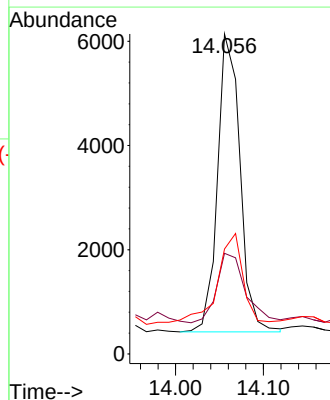
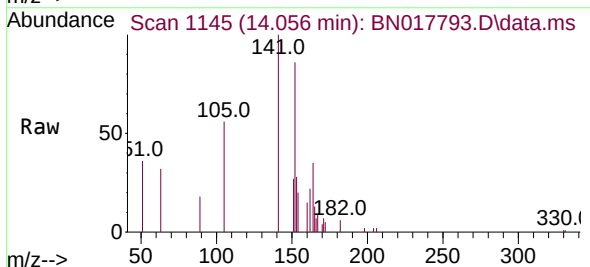
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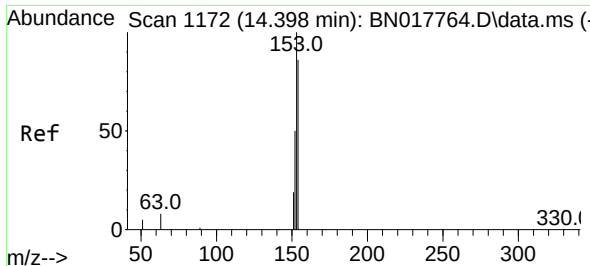
Tgt Ion:172 Resp: 82056
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 24.2 18.9 28.3



#16
Acenaphthylene
Concen: 0.047 ng
RT: 14.056 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

Tgt Ion:152 Resp: 10166
Ion Ratio Lower Upper
152 100
151 29.9 15.7 23.5#
153 34.3 10.4 15.6#

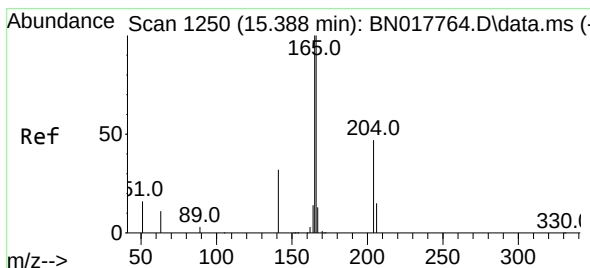
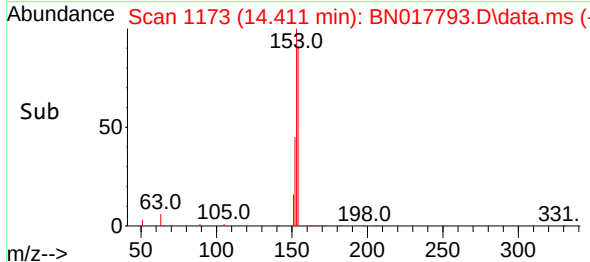
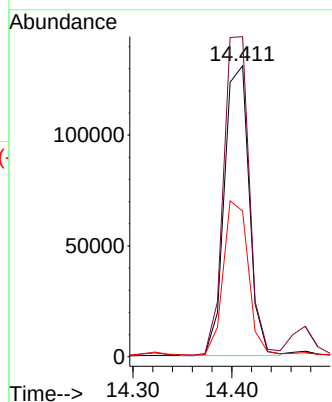
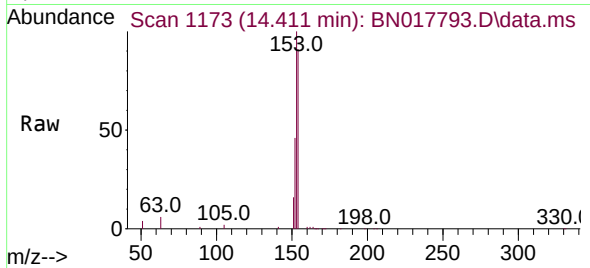




#17
Acenaphthene
Concen: 1.581 ng
RT: 14.411 min Scan# 1173
Delta R.T. 0.013 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

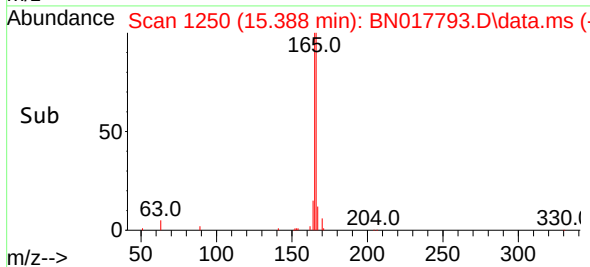
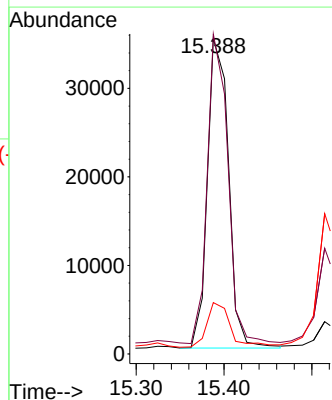
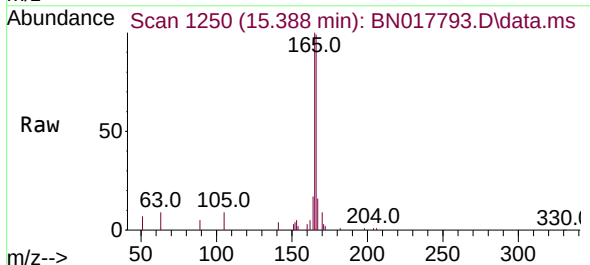
Instrument :
BNA_N
ClientSampleId :
MW-43

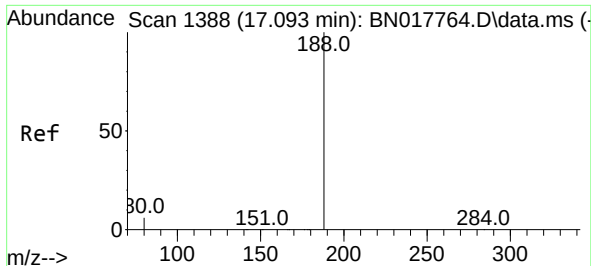
Tgt Ion:154 Resp: 228199
Ion Ratio Lower Upper
154 100
153 113.6 90.1 135.1
152 54.7 43.7 65.5



#18
Fluorene
Concen: 0.317 ng
RT: 15.388 min Scan# 1250
Delta R.T. -0.000 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

Tgt Ion:166 Resp: 58511
Ion Ratio Lower Upper
166 100
165 96.2 77.8 116.8
167 16.3 11.0 16.4

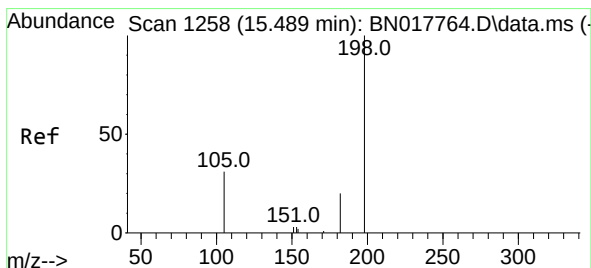
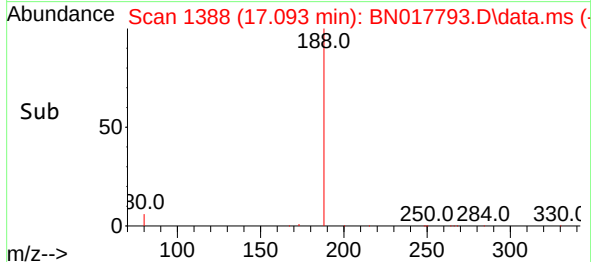
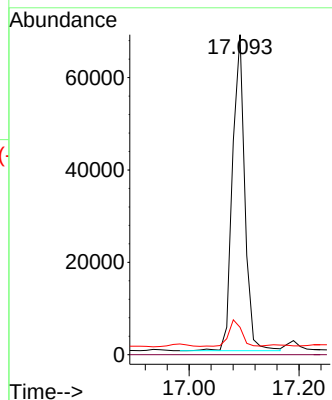
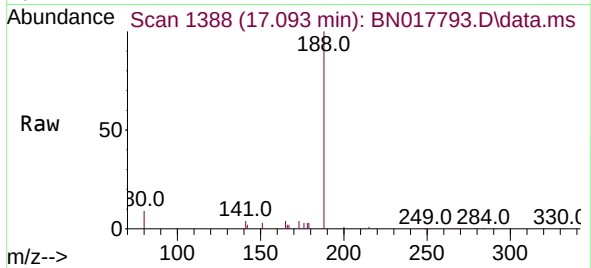




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

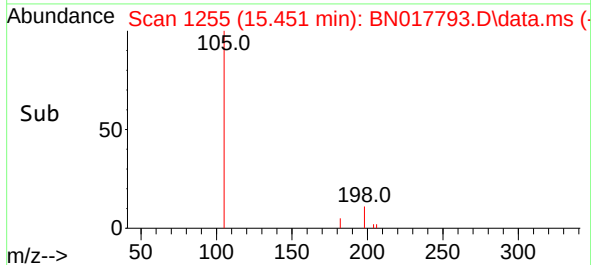
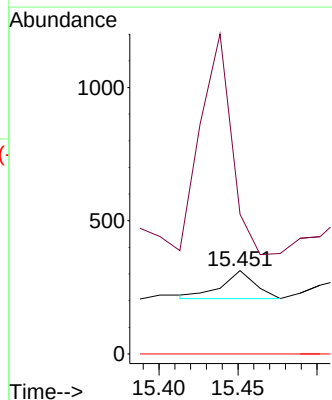
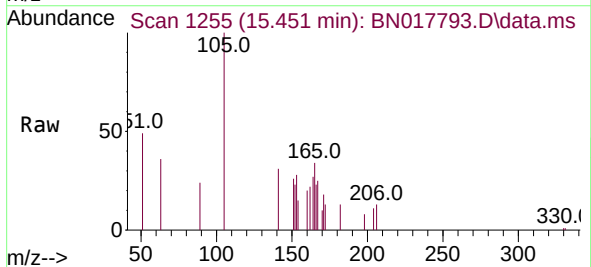
Instrument :
BNA_N
ClientSampleId :
MW-43

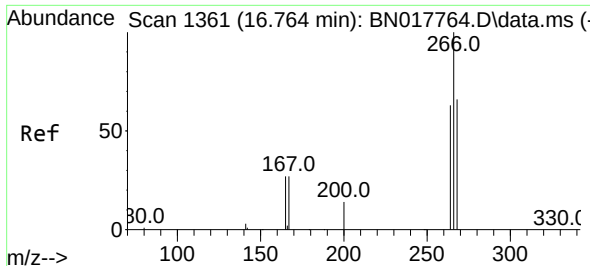
Tgt Ion:188 Resp: 106156
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.6 5.1 7.7#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.215 ng
RT: 15.451 min Scan# 1255
Delta R.T. -0.038 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

Tgt Ion:198 Resp: 154
Ion Ratio Lower Upper
198 100
182 167.4 44.2 66.2#
77 0.0 0.0 0.0

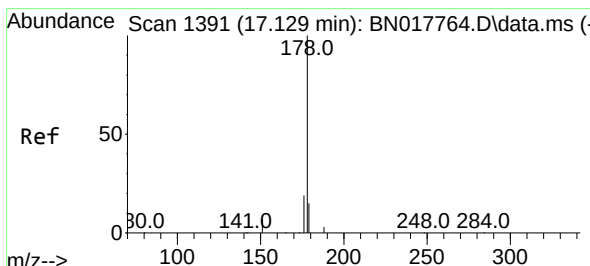
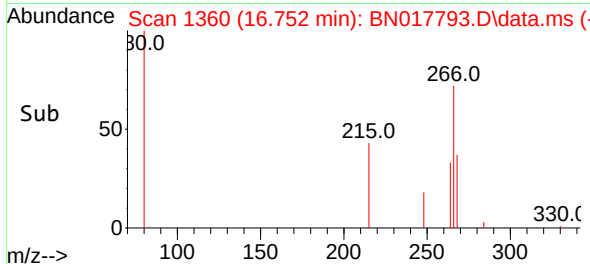
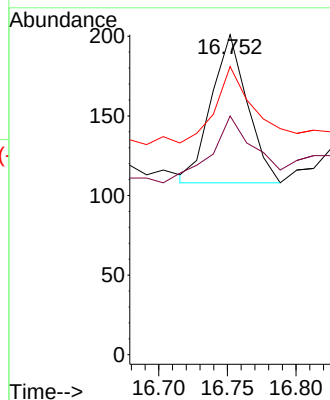
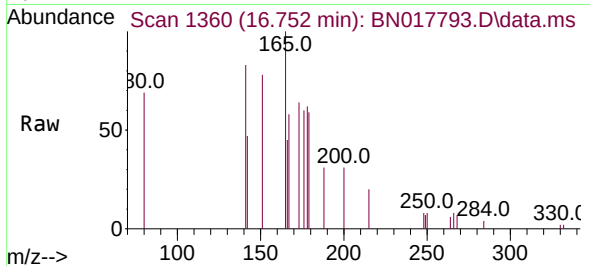




#24
 Pentachlorophenol
 Concen: 0.286 ng
 RT: 16.752 min Scan# 1360
 Delta R.T. -0.012 min
 Lab File: BN017793.D
 Acq: 08 Dec 2021 10:21

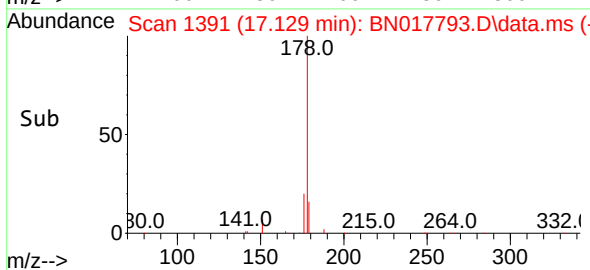
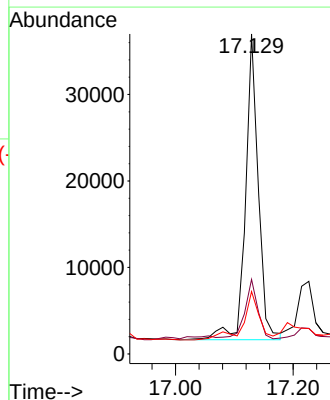
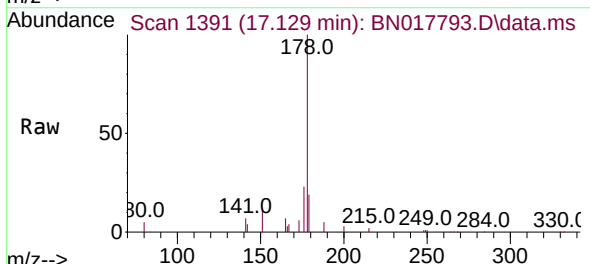
Instrument :
 BNA_N
 ClientSampleId :
 MW-43

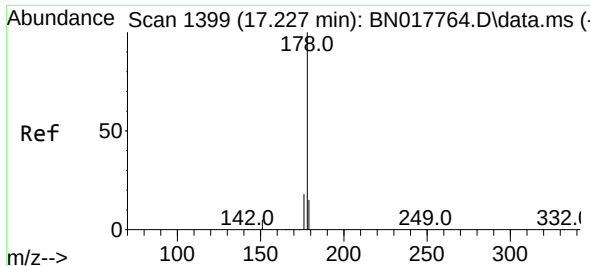
Tgt Ion:	266	Resp:	169
Ion Ratio	Lower	Upper	
266	100		
264	55.6	50.8	76.2
268	61.5	51.8	77.6



#25
 Phenanthrene
 Concen: 0.191 ng
 RT: 17.129 min Scan# 1391
 Delta R.T. -0.000 min
 Lab File: BN017793.D
 Acq: 08 Dec 2021 10:21

Tgt Ion:	178	Resp:	53144
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.0	22.6
179	20.0	12.5	18.7

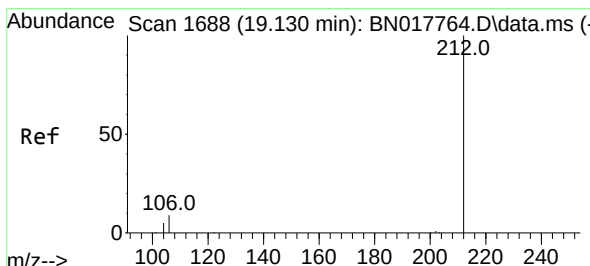
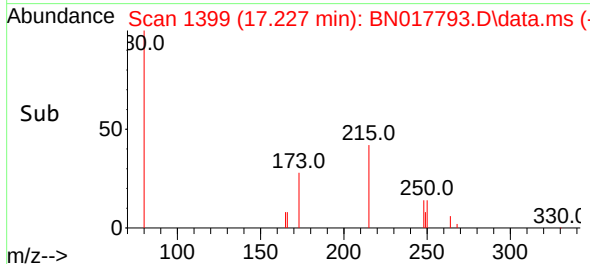
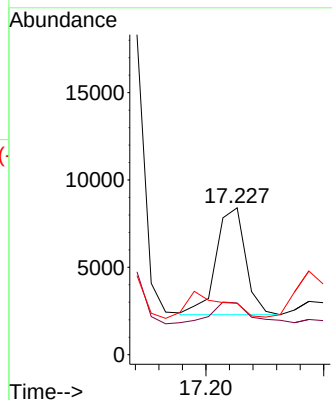
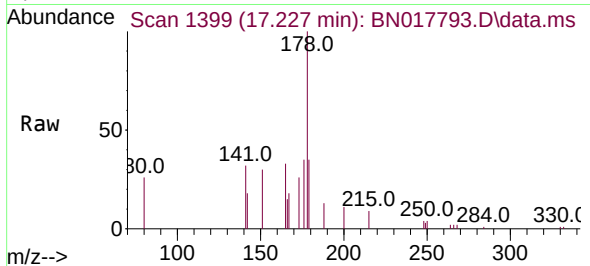




#26
 Anthracene
 Concen: 0.043 ng
 RT: 17.227 min Scan# 1399
 Delta R.T. -0.000 min
 Lab File: BN017793.D
 Acq: 08 Dec 2021 10:21

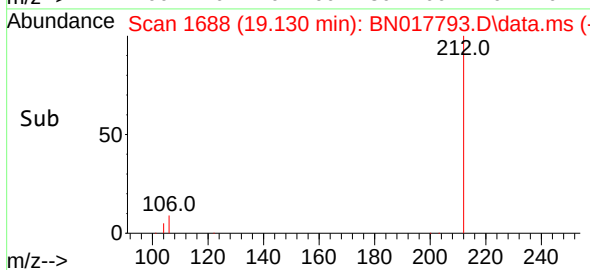
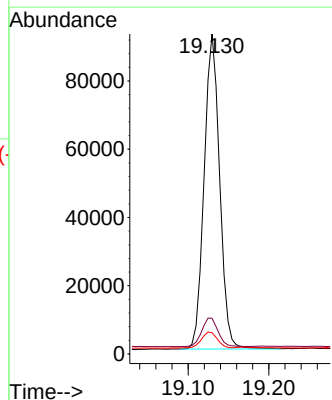
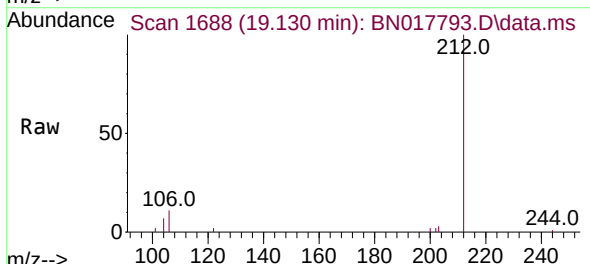
Instrument :
 BNA_N
 ClientSampleId :
 MW-43

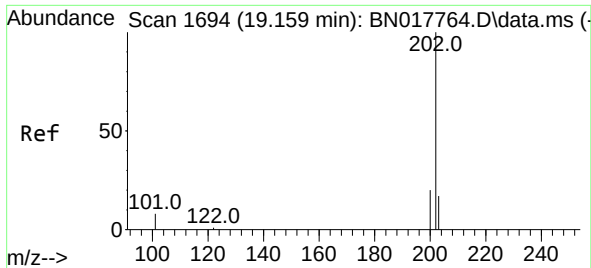
Tgt Ion:178 Resp: 10651
 Ion Ratio Lower Upper
 178 100
 176 27.5 14.5 21.7#
 179 0.0 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.348 ng
 RT: 19.130 min Scan# 1688
 Delta R.T. -0.000 min
 Lab File: BN017793.D
 Acq: 08 Dec 2021 10:21

Tgt Ion:212 Resp: 123492
 Ion Ratio Lower Upper
 212 100
 106 9.5 8.2 12.2
 104 5.4 4.6 6.8

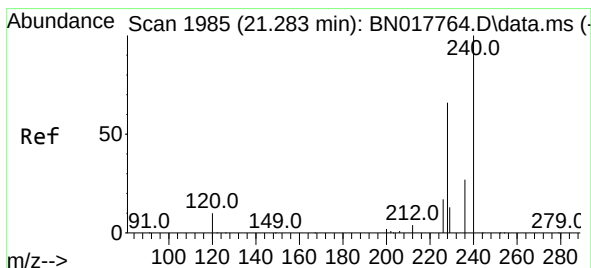
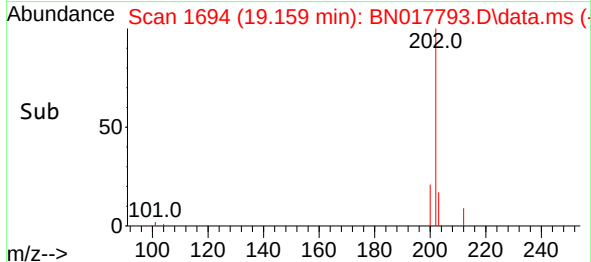
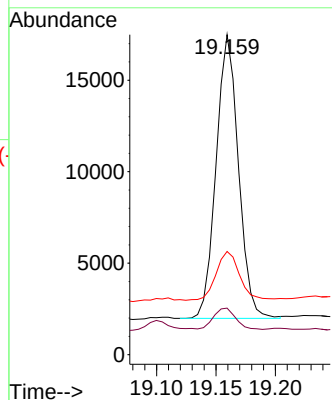
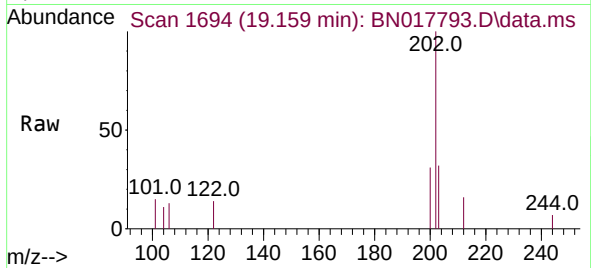




#28
Fluoranthene
Concen: 0.060 ng
RT: 19.159 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

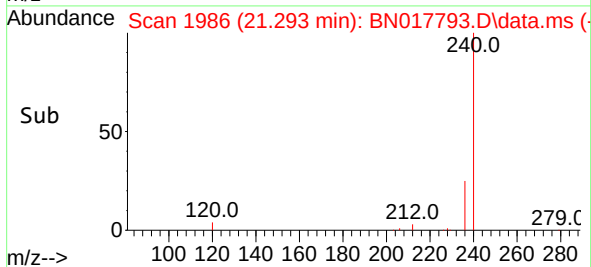
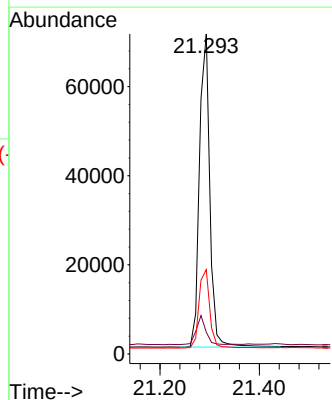
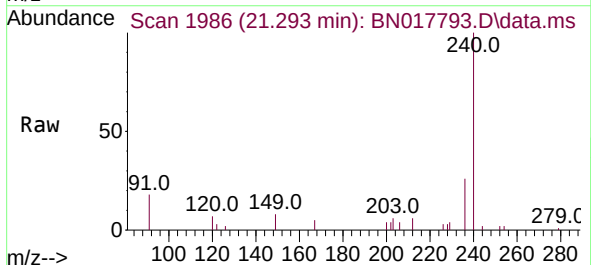
Instrument :
BNA_N
ClientSampleId :
MW-43

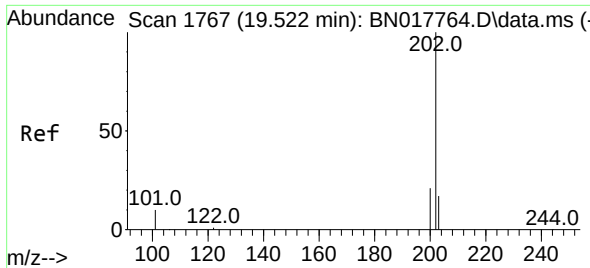
Tgt Ion:202 Resp: 20243
Ion Ratio Lower Upper
202 100
101 8.4 7.2 10.8
203 18.0 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1986
Delta R.T. 0.011 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

Tgt Ion:240 Resp: 101889
Ion Ratio Lower Upper
240 100
120 6.8 7.9 11.9#
236 26.4 21.4 32.2

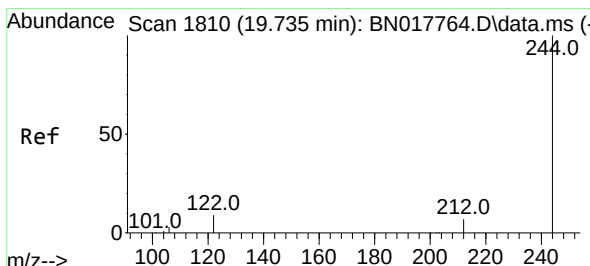
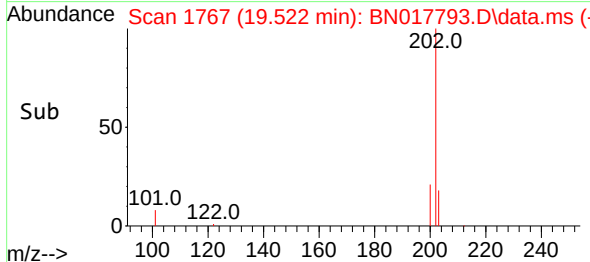
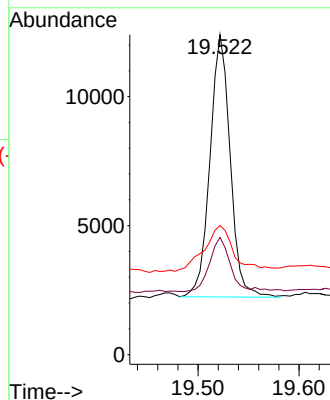
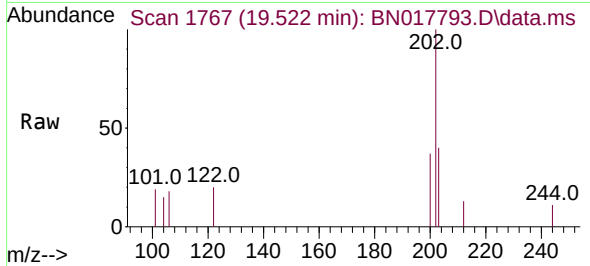




#30
Pyrene
Concen: 0.044 ng
RT: 19.522 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

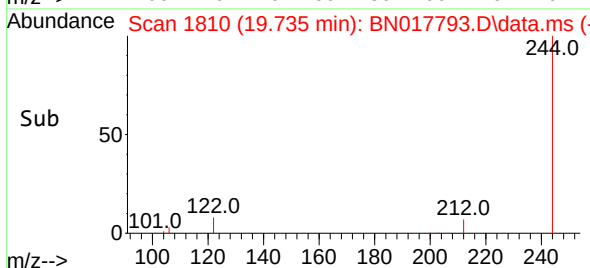
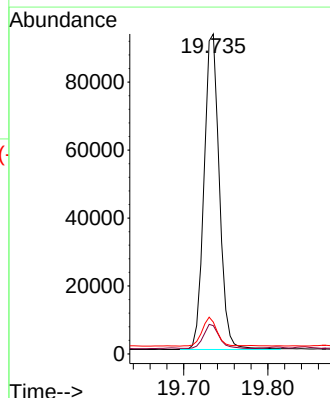
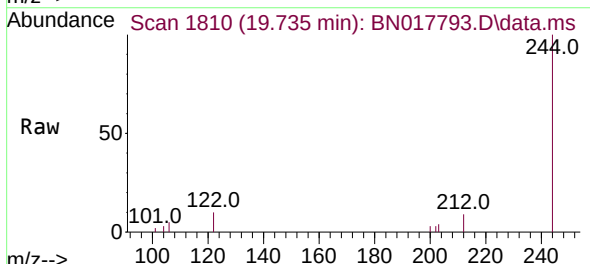
Instrument :
BNA_N
ClientSampleId :
MW-43

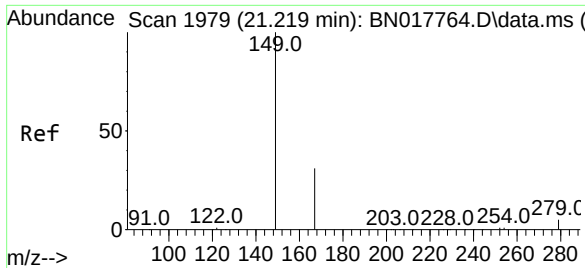
Tgt Ion:202 Resp: 14152
Ion Ratio Lower Upper
202 100
200 20.5 16.5 24.7
203 28.0 14.0 21.0#



#31
Terphenyl-d14
Concen: 0.537 ng
RT: 19.735 min Scan# 1810
Delta R.T. -0.000 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

Tgt Ion:244 Resp: 117521
Ion Ratio Lower Upper
244 100
212 8.9 5.8 8.8#
122 9.9 7.1 10.7

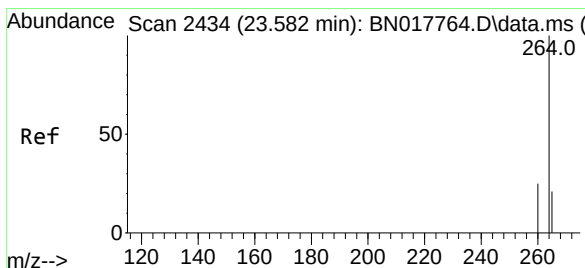
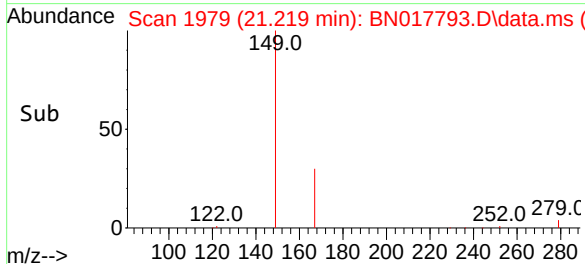
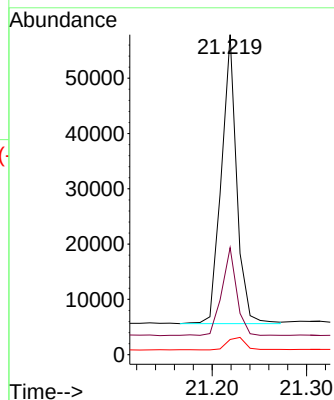
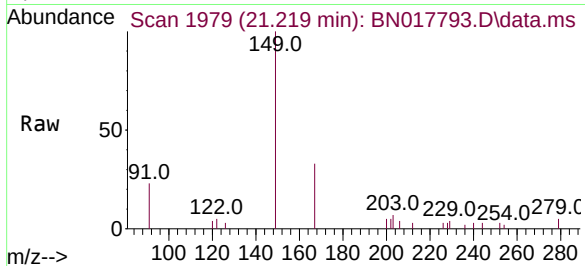




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.415 ng
RT: 21.219 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

Instrument :
BNA_N
ClientSampleId :
MW-43

Tgt Ion:149 Resp: 58910
Ion Ratio Lower Upper
149 100
167 29.3 23.5 35.3
279 5.3 3.8 5.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.586 min Scan# 2435
Delta R.T. 0.003 min
Lab File: BN017793.D
Acq: 08 Dec 2021 10:21

Tgt Ion:264 Resp: 100219
Ion Ratio Lower Upper
264 100
260 25.5 20.0 30.0
265 26.9 20.5 30.7

