

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
 Data File : BN017784.D
 Acq On : 08 Dec 2021 04:58
 Operator : CG/JU
 Sample : M4917-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-27

Quant Time: Dec 08 07:35:32 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

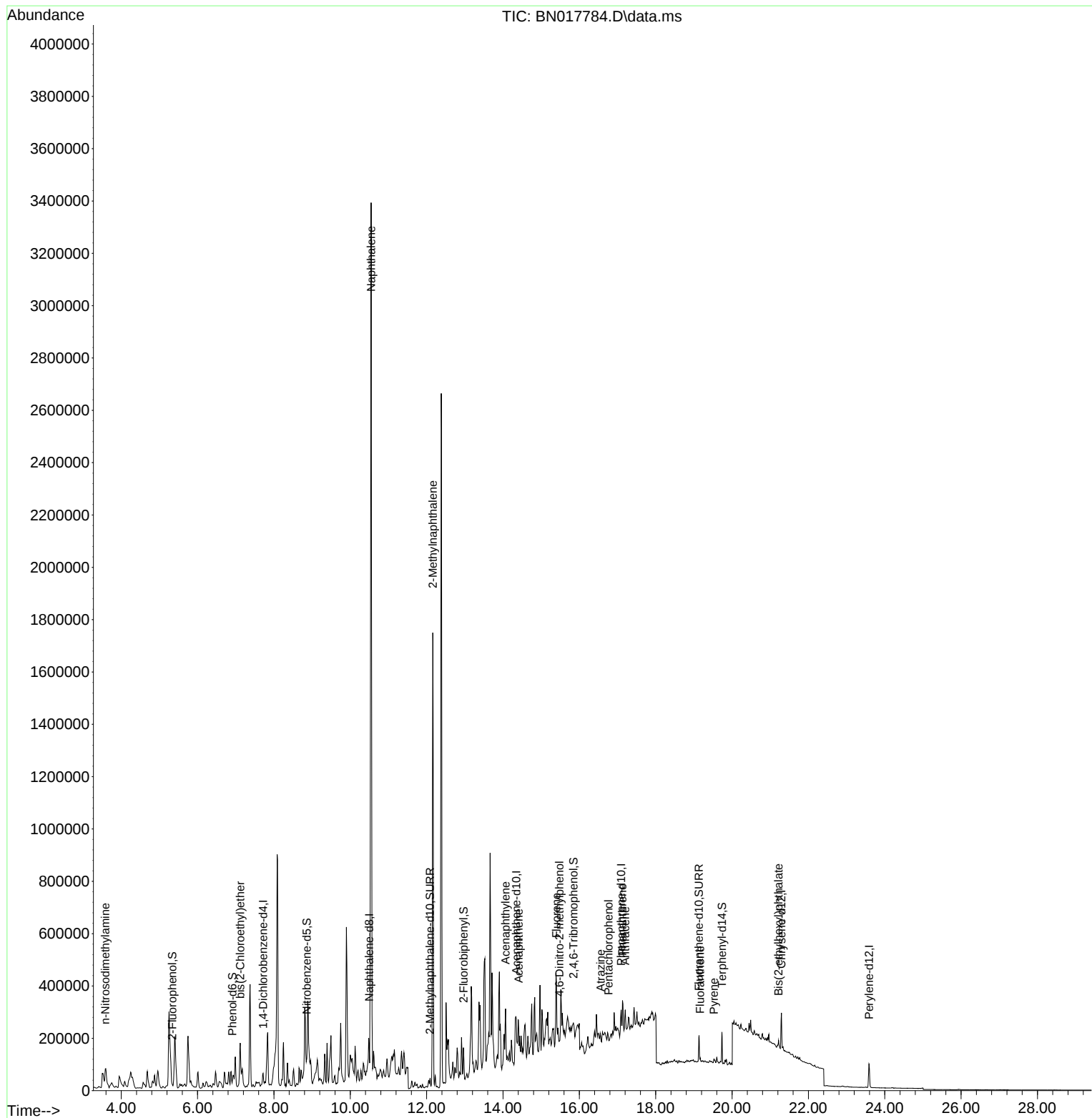
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	20136	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	87575	0.400	ng	# 0.00
13) Acenaphthene-d10	14.347	164	98146	0.400	ng	# 0.00
19) Phenanthrene-d10	17.093	188	111151	0.400	ng	# 0.00
29) Chrysene-d12	21.293	240	146119	0.400	ng	0.01
35) Perylene-d12	23.586	264	121393	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	14912	0.307	ng	0.00
5) Phenol-d6	6.913	99	4846	0.105	ng	0.00
8) Nitrobenzene-d5	8.859	82	63643	1.092	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	47261	0.271	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	14993	0.292	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	92712	0.258	ng	0.00
27) Fluoranthene-d10	19.134	212	122501	0.330	ng	0.00
31) Terphenyl-d14	19.735	244	116424	0.371	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.584	42	15339	0.738	ng	# 1
6) bis(2-Chloroethyl)ether	7.116	93	12646	0.243	ng	# 1
9) Naphthalene	10.545	128	4361439	19.020	ng	99
12) 2-Methylnaphthalene	12.161	142	1258934	7.619	ng	98
16) Acenaphthylene	14.068	152	32575	0.084	ng	# 1
17) Acenaphthene	14.411	154	71828	0.280	ng	# 72
18) Fluorene	15.400	166	120286	0.367	ng	# 94
20) 4,6-Dinitro-2-methylph...	15.477	198	2092	1.048	ng	100
23) Atrazine	16.557	200	6206	0.128	ng	# 1
24) Pentachlorophenol	16.764	266	1160	0.318	ng	88
25) Phenanthrene	17.129	178	138796	0.475	ng	# 82
26) Anthracene	17.202	178	17486	0.068	ng	# 1
28) Fluoranthene	19.164	202	17204	0.048	ng	# 87
30) Pyrene	19.527	202	15929	0.034	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.219	149	22677	0.111	ng	# 60

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

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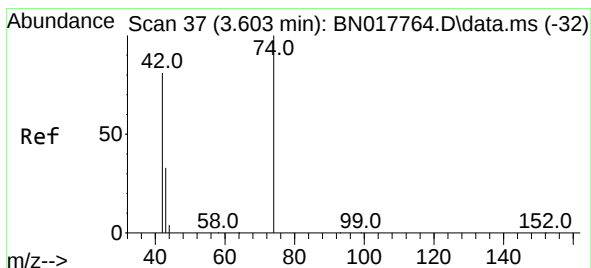
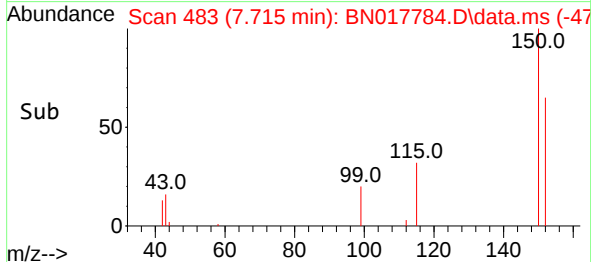
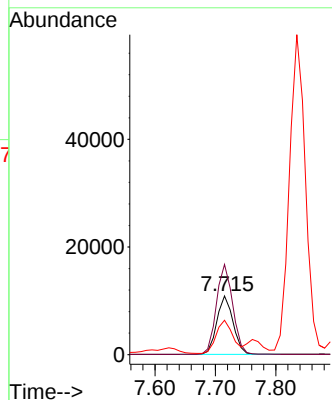
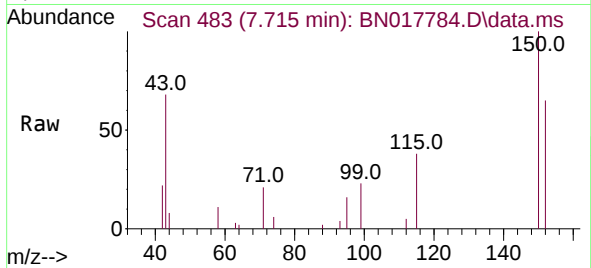




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

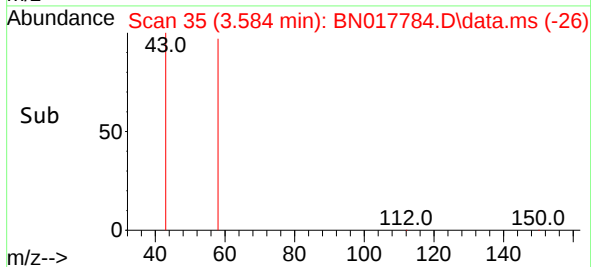
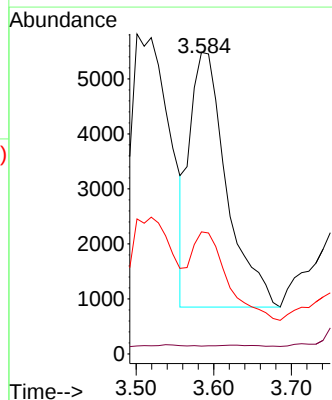
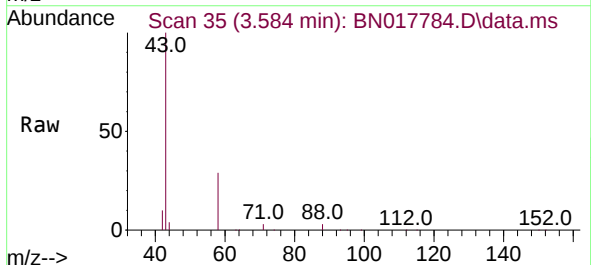
Instrument :
BNA_N
ClientSampleId :
MW-27

Tgt Ion:152 Resp: 20136
Ion Ratio Lower Upper
152 100
150 153.7 123.0 184.4
115 58.6 45.3 67.9



#3
n-Nitrosodimethylamine
Concen: 0.738 ng
RT: 3.584 min Scan# 35
Delta R.T. -0.019 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

Tgt Ion: 42 Resp: 15339
Ion Ratio Lower Upper
42 100
74 0.0 101.3 151.9#
44 35.3 5.0 7.4#

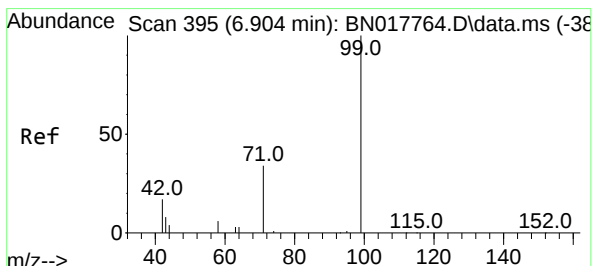
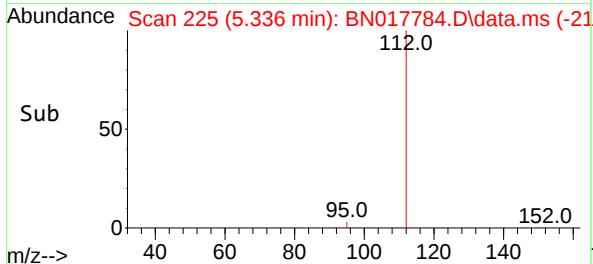
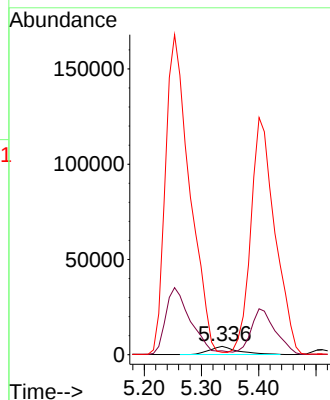
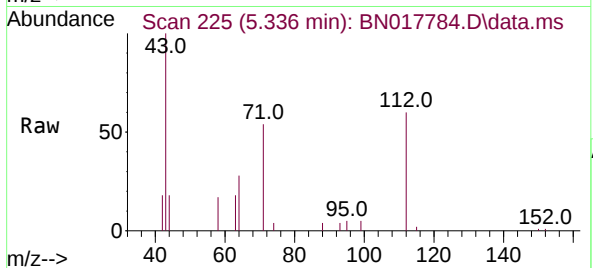




#4
2-Fluorophenol
Concen: 0.307 ng
RT: 5.336 min Scan# 211
Delta R.T. 0.009 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

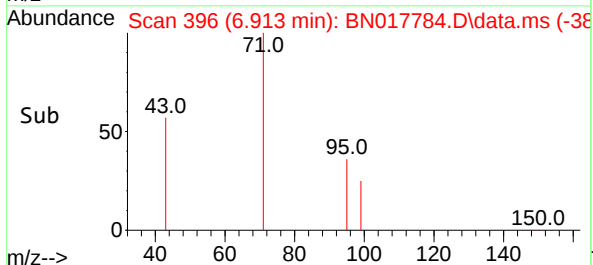
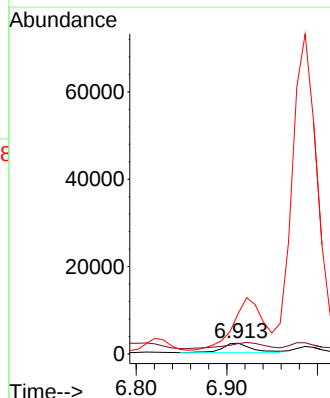
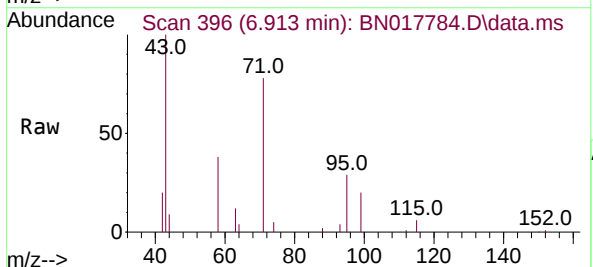
Instrument :
BNA_N
ClientSampleId :
MW-27

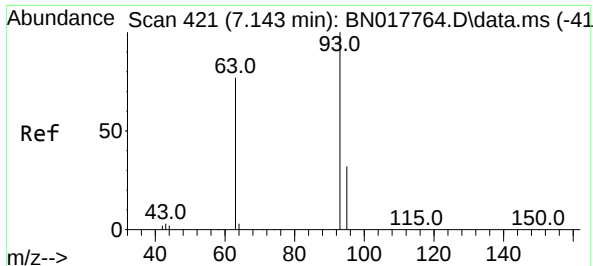
Tgt Ion:112 Resp: 14912
Ion Ratio Lower Upper
112 100
64 0.0 49.3 73.9#
63 0.0 25.8 38.8#



#5
Phenol-d6
Concen: 0.105 ng
RT: 6.913 min Scan# 396
Delta R.T. 0.009 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

Tgt Ion: 99 Resp: 4846
Ion Ratio Lower Upper
99 100
42 81.5 16.6 25.0#
71 569.7 29.0 43.4#

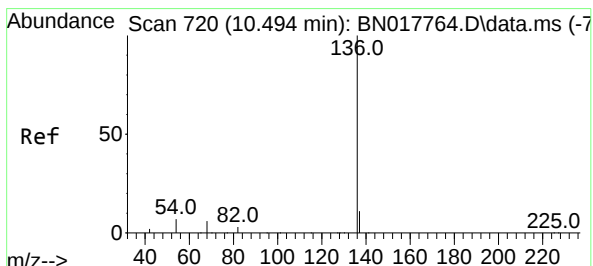
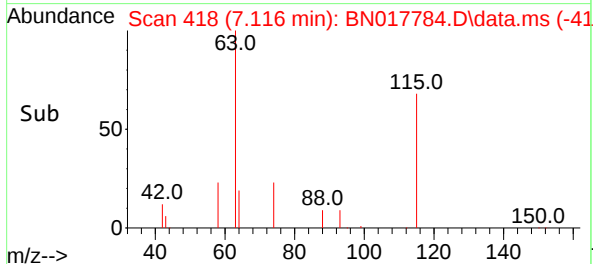
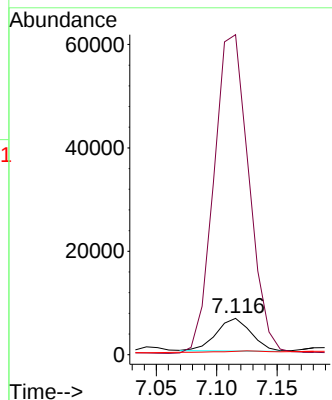
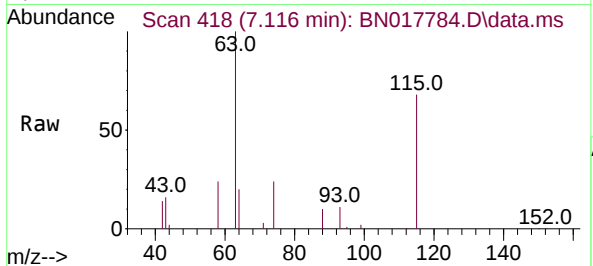




#6
bis(2-Chloroethyl)ether
Concen: 0.243 ng
RT: 7.116 min Scan# 41
Delta R.T. -0.028 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

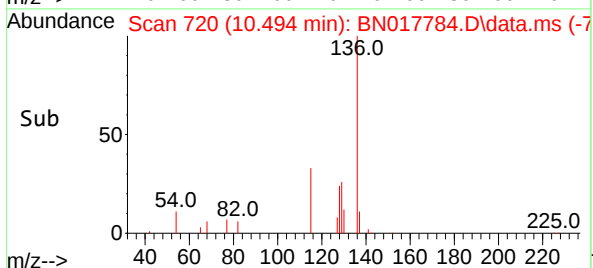
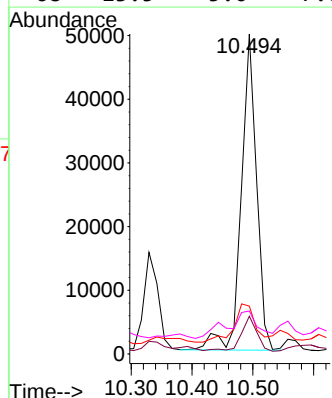
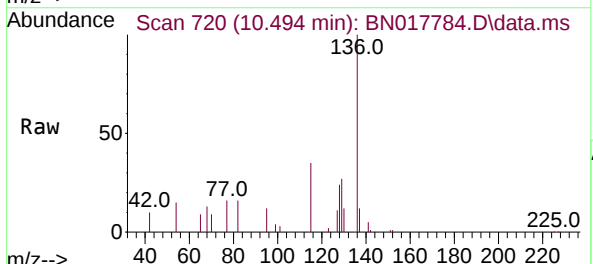
Instrument :
BNA_N
ClientSampleId :
MW-27

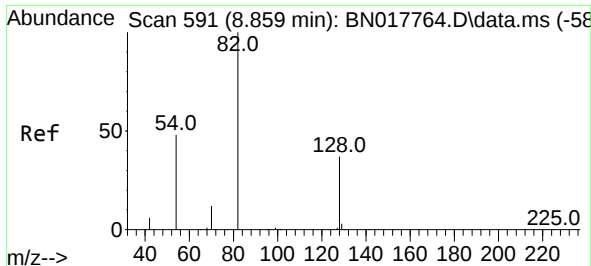
Tgt Ion: 93 Resp: 12646
Ion Ratio Lower Upper
93 100
63 991.2 62.0 93.0#
95 5.7 26.4 39.6#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 720
Delta R.T. -0.000 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

Tgt Ion:136 Resp: 87575
Ion Ratio Lower Upper
136 100
137 11.8 8.8 13.2
54 14.9 5.9 8.9#
68 13.5 5.0 7.6#

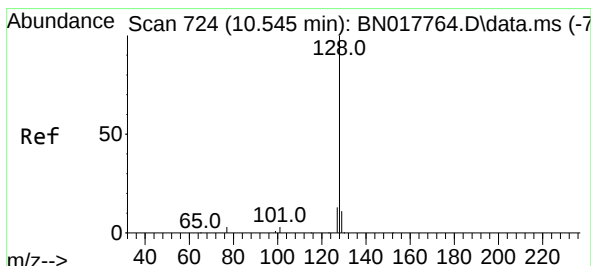
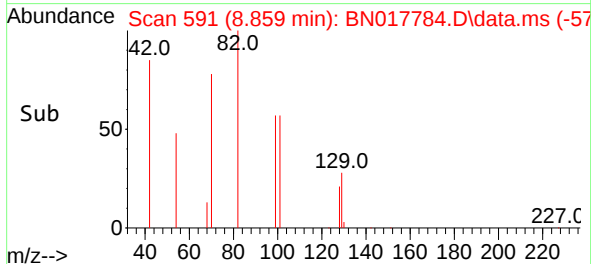
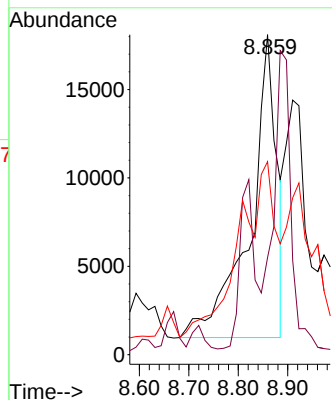
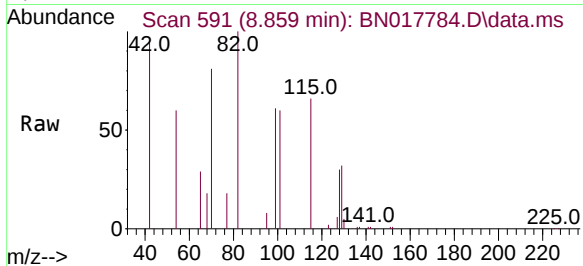




#8
Nitrobenzene-d5
Concen: 1.092 ng
RT: 8.859 min Scan# 591
Delta R.T. -0.000 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

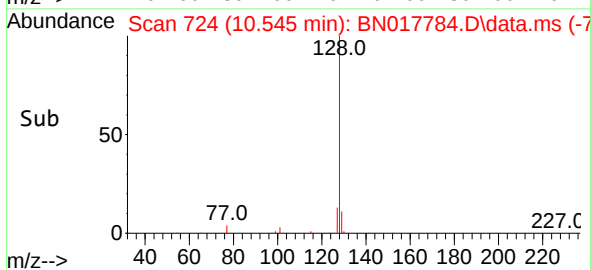
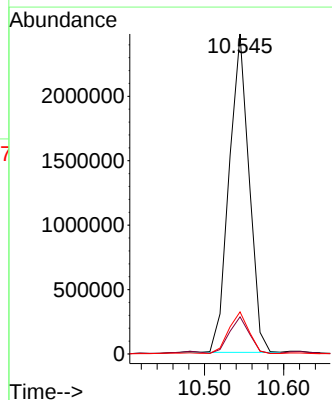
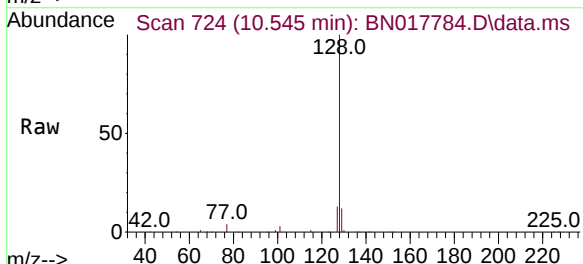
Instrument :
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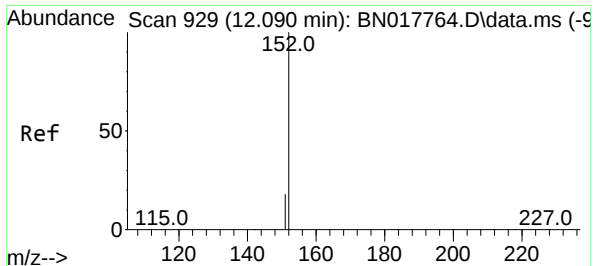
Tgt Ion: 82 Resp: 63643
Ion Ratio Lower Upper
82 100
128 30.4 30.2 45.2
54 60.3 39.0 58.6#



#9
Naphthalene
Concen: 19.020 ng
RT: 10.545 min Scan# 724
Delta R.T. -0.000 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

Tgt Ion:128 Resp: 4361439
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.2 10.6 15.8

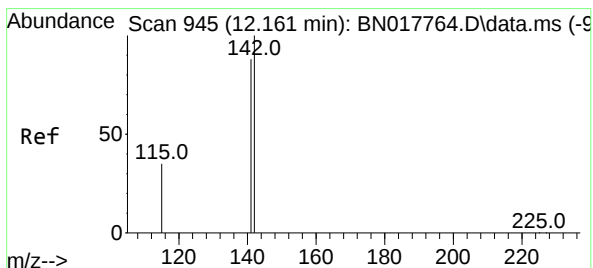
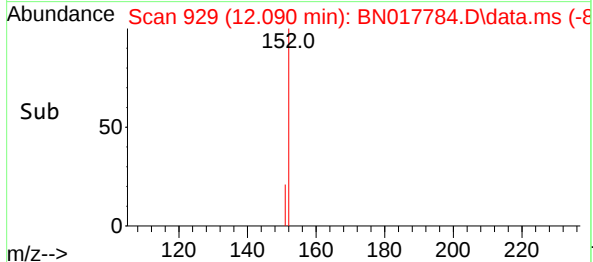
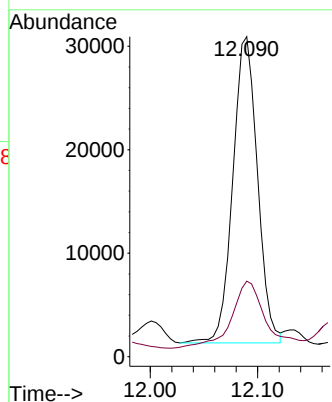
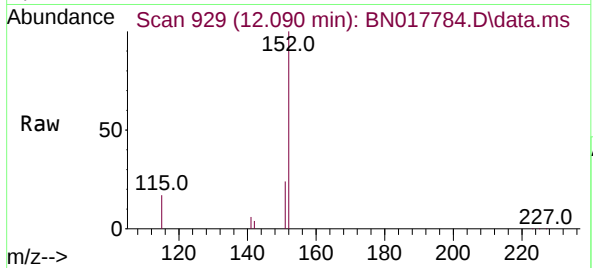




#11
2-Methylnaphthalene-d10
Concen: 0.271 ng
RT: 12.090 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

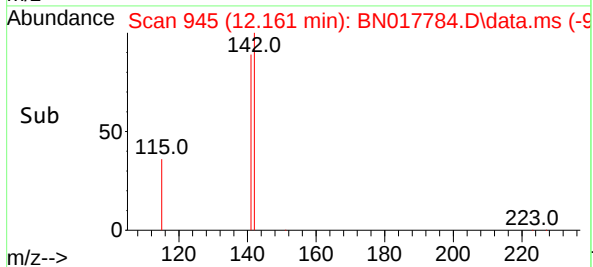
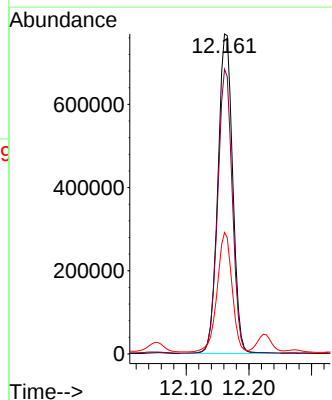
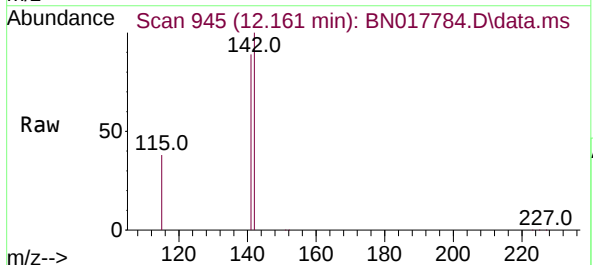
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ClientSampleId :
MW-27

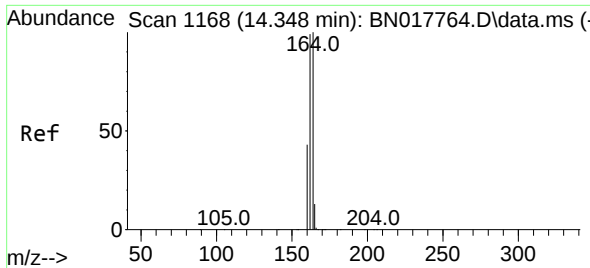
Tgt Ion:152 Resp: 47261
Ion Ratio Lower Upper
152 100
151 30.5 16.4 24.6#



#12
2-Methylnaphthalene
Concen: 7.619 ng
RT: 12.161 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

Tgt Ion:142 Resp: 1258934
Ion Ratio Lower Upper
142 100
141 89.0 70.5 105.7
115 38.0 28.0 42.0

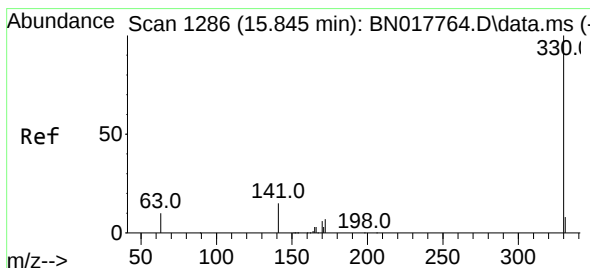
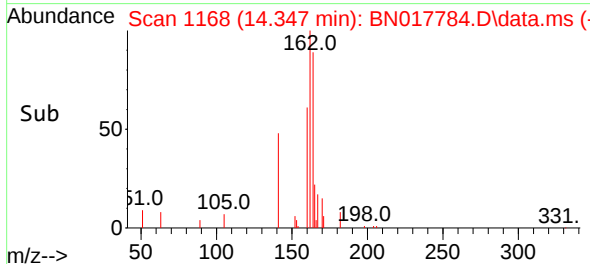
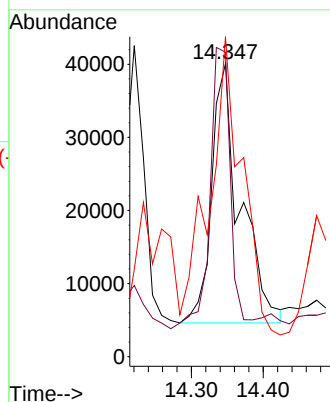
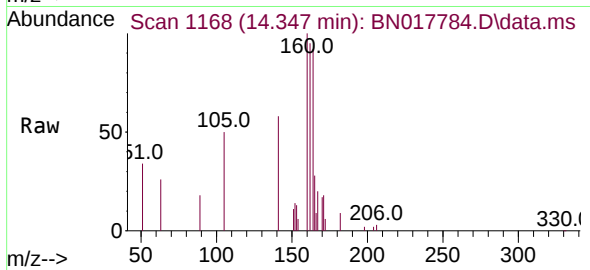




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

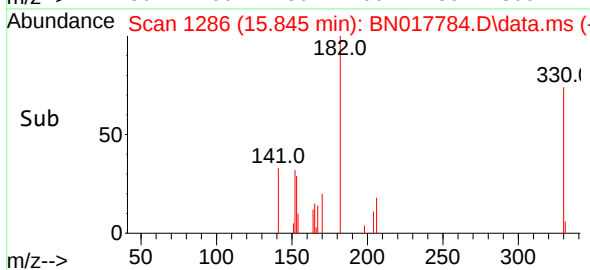
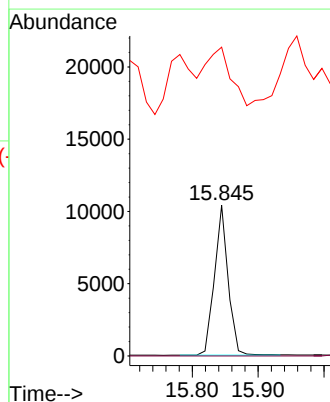
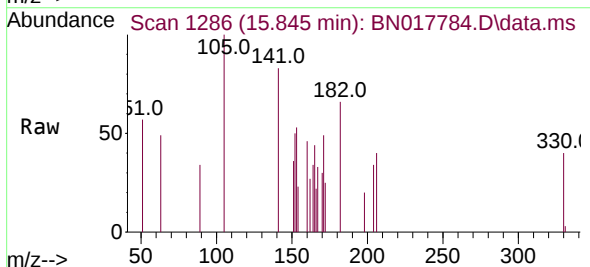
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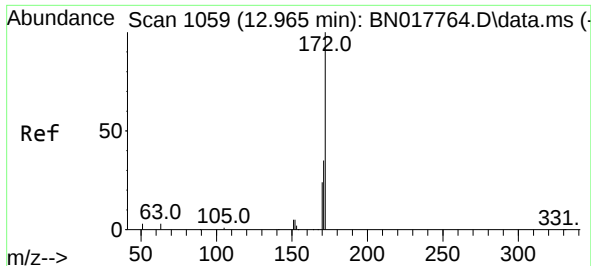
Tgt Ion:164 Resp: 98146
Ion Ratio Lower Upper
164 100
162 103.9 79.0 118.6
160 109.2 34.6 52.0#



#14
2,4,6-Tribromophenol
Concen: 0.292 ng
RT: 15.845 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

Tgt Ion:330 Resp: 14993
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 58.1 21.5 32.3#

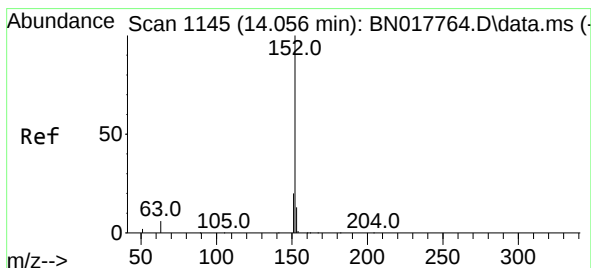
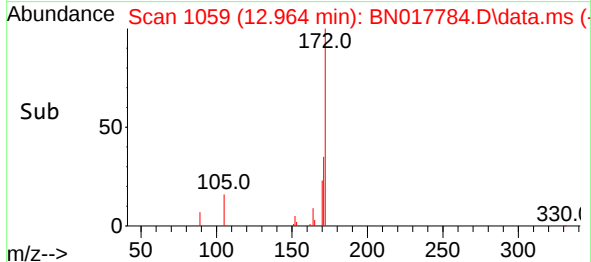
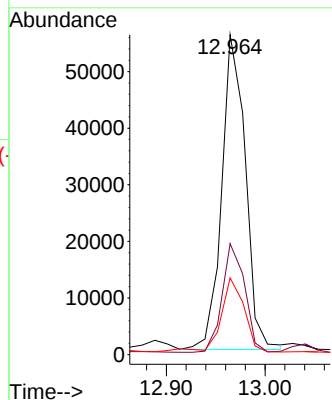
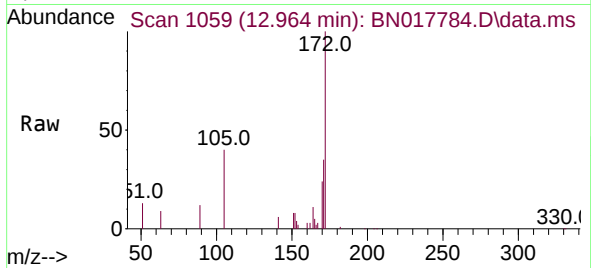




#15
2-Fluorobiphenyl
Concen: 0.258 ng
RT: 12.964 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

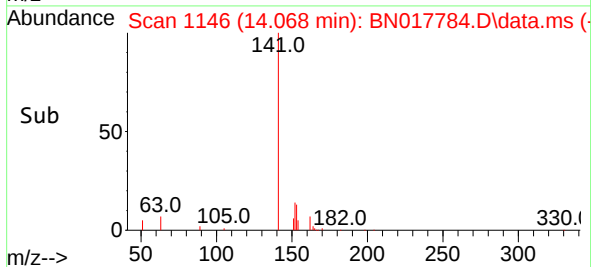
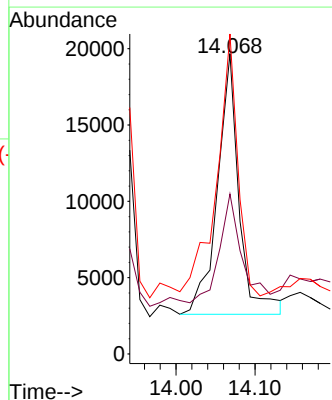
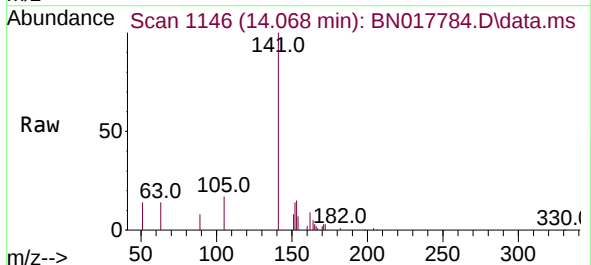
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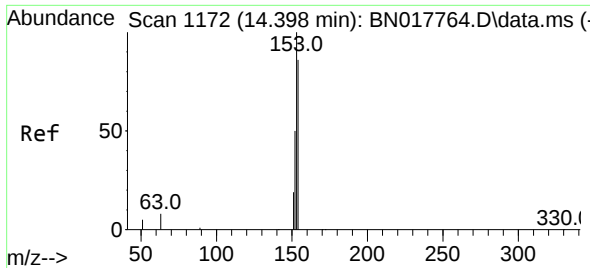
Tgt Ion:172 Resp: 92712
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 24.0 18.9 28.3



#16
Acenaphthylene
Concen: 0.084 ng
RT: 14.068 min Scan# 1146
Delta R.T. 0.013 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

Tgt Ion:152 Resp: 32575
Ion Ratio Lower Upper
152 100
151 43.3 15.7 23.5#
153 104.4 10.4 15.6#

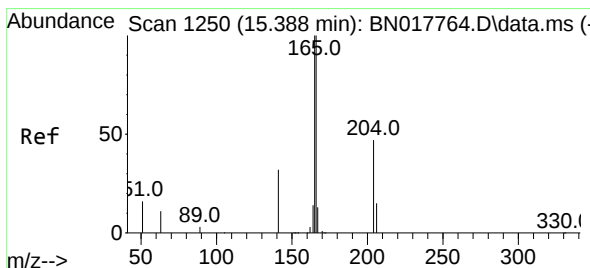
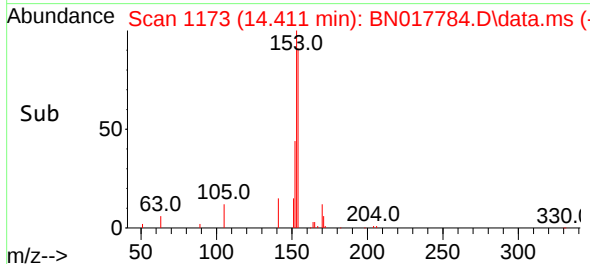
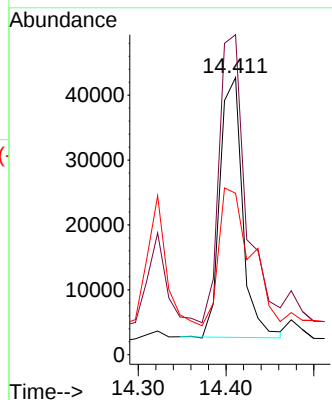
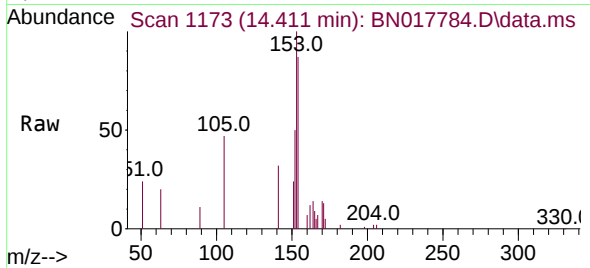




#17
Acenaphthene
Concen: 0.280 ng
RT: 14.411 min Scan# 1173
Delta R.T. 0.013 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

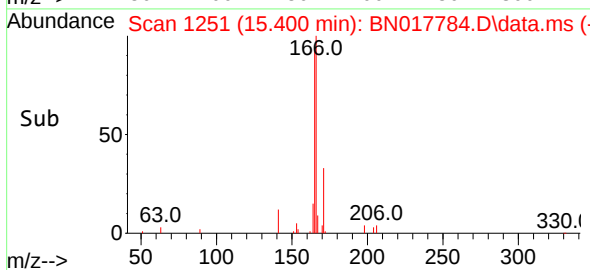
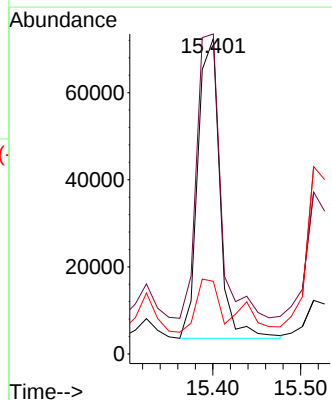
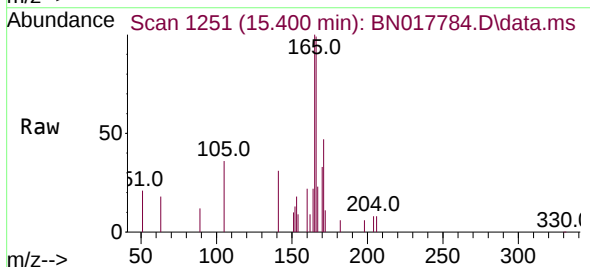
Instrument :
BNA_N
ClientSampleId :
MW-27

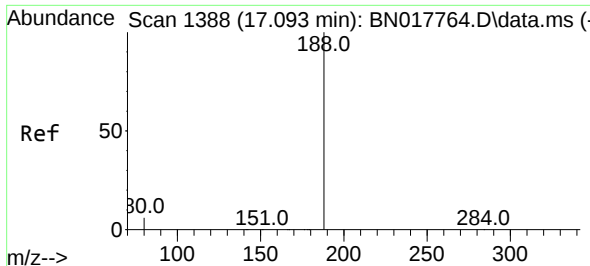
Tgt Ion:154 Resp: 71828
Ion Ratio Lower Upper
154 100
153 138.6 90.1 135.1#
152 79.7 43.7 65.5#



#18
Fluorene
Concen: 0.367 ng
RT: 15.400 min Scan# 1251
Delta R.T. 0.013 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

Tgt Ion:166 Resp: 120286
Ion Ratio Lower Upper
166 100
165 102.2 77.8 116.8
167 20.3 11.0 16.4#

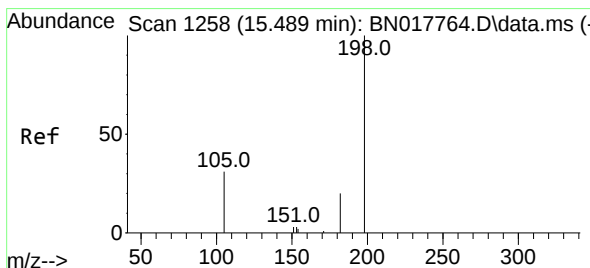
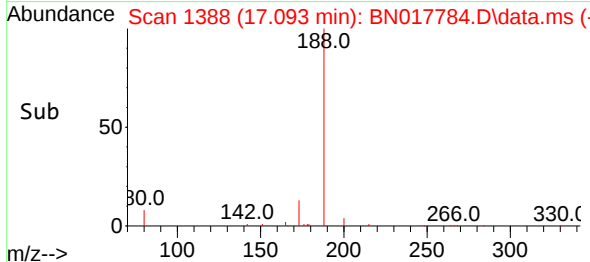
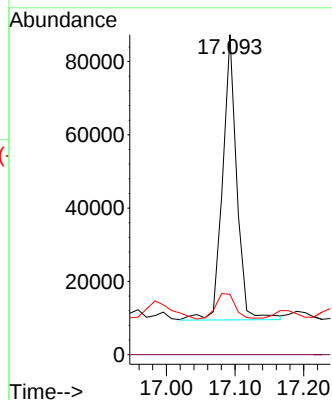
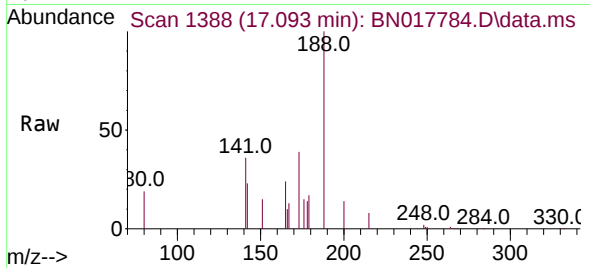




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

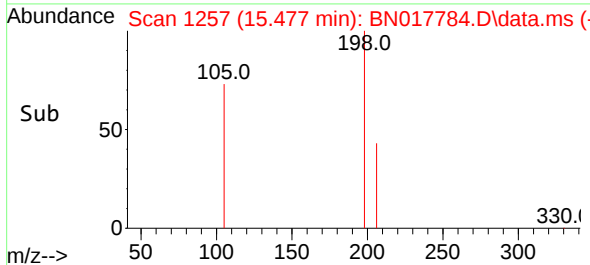
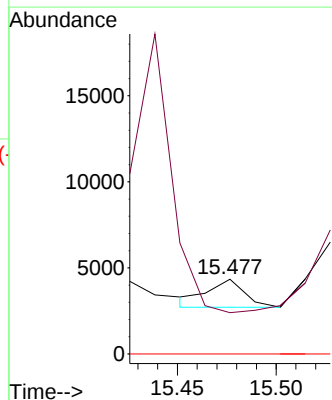
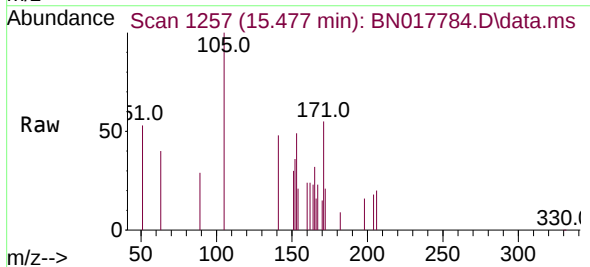
Instrument :
BNA_N
ClientSampleId :
MW-27

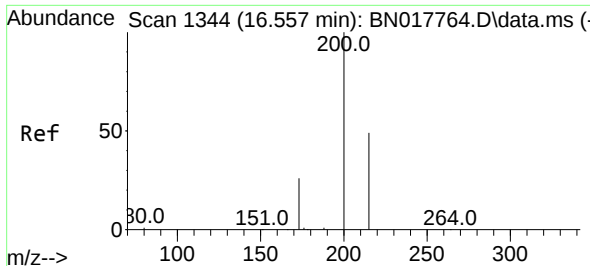
Tgt Ion:188 Resp: 111151
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 18.9 5.1 7.7#



#20
4,6-Dinitro-2-methylphenol
Concen: 1.048 ng
RT: 15.477 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

Tgt Ion:198 Resp: 2092
Ion Ratio Lower Upper
198 100
182 55.2 44.2 66.2
77 0.0 0.0 0.0

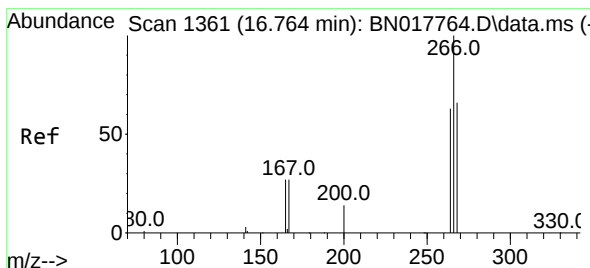
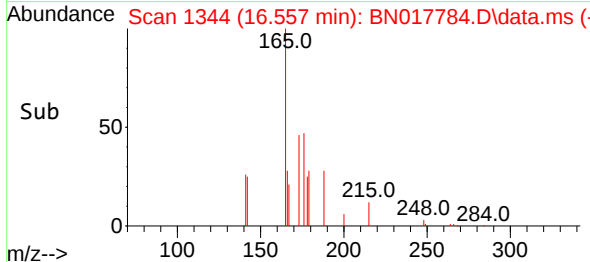
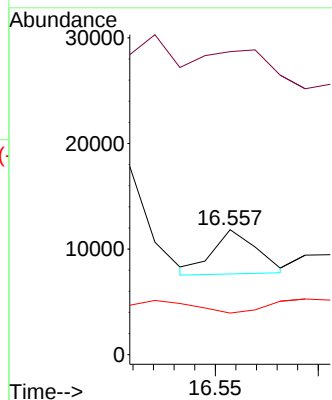
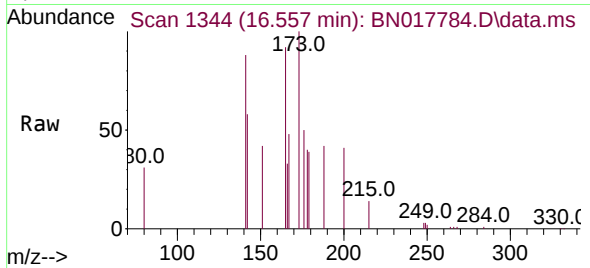




#23
Atrazine
Concen: 0.128 ng
RT: 16.557 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

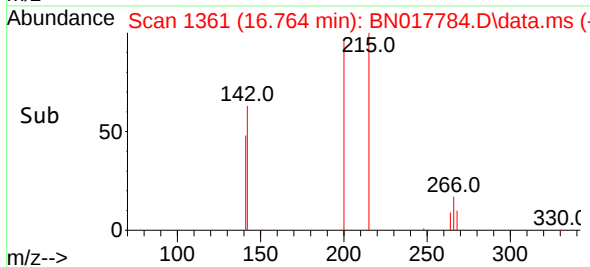
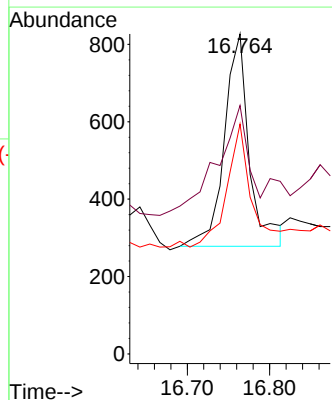
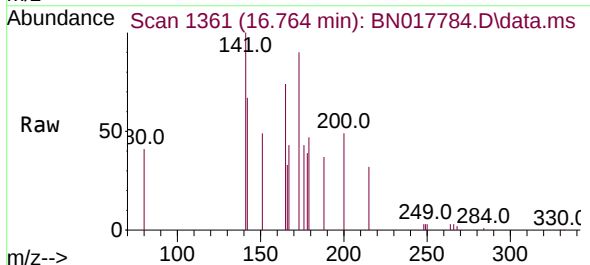
Instrument :
BNA_N
ClientSampleId :
MW-27

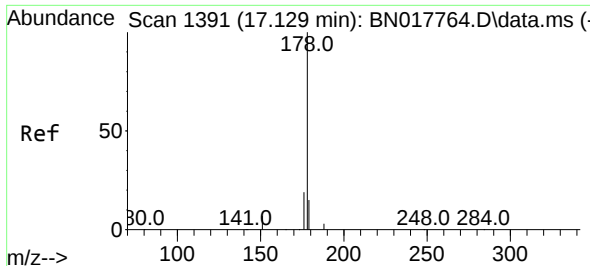
Tgt Ion:200 Resp: 6206
Ion Ratio Lower Upper
200 100
173 242.6 21.4 32.2#
215 33.3 39.3 58.9#



#24
Pentachlorophenol
Concen: 0.318 ng
RT: 16.764 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

Tgt Ion:266 Resp: 1160
Ion Ratio Lower Upper
266 100
264 51.9 50.8 76.2
268 56.8 51.8 77.6

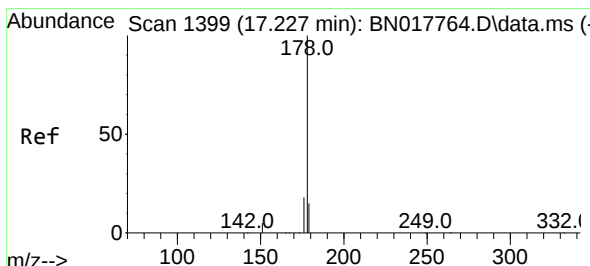
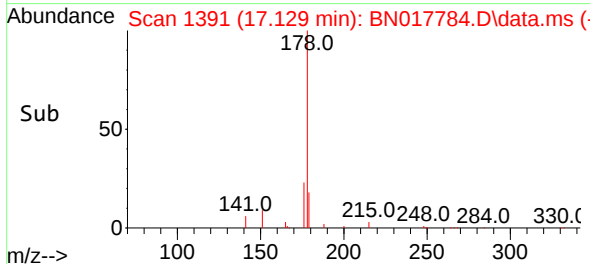
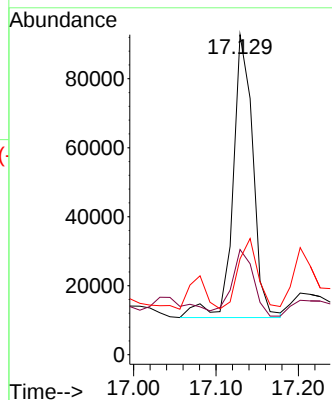
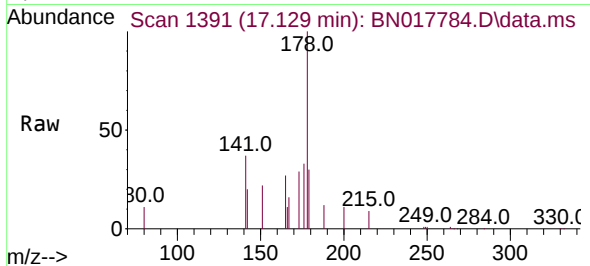




#25
Phenanthrene
Concen: 0.475 ng
RT: 17.129 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

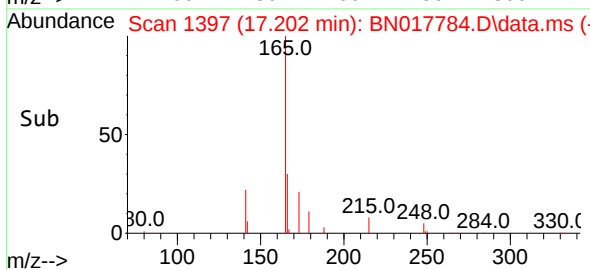
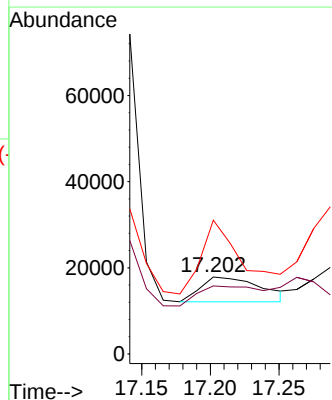
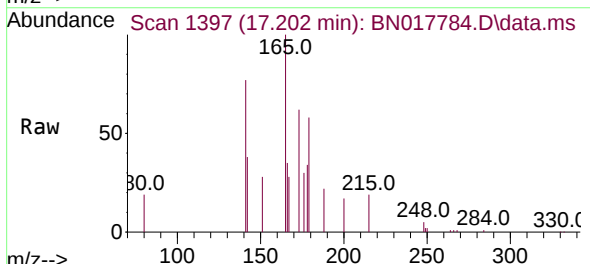
Instrument :
BNA_N
ClientSampleId :
MW-27

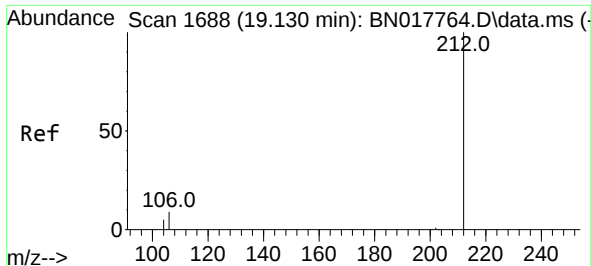
Tgt Ion:178 Resp: 138796
Ion Ratio Lower Upper
178 100
176 25.6 15.0 22.6#
179 24.4 12.5 18.7#



#26
Anthracene
Concen: 0.068 ng
RT: 17.202 min Scan# 1397
Delta R.T. -0.024 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

Tgt Ion:178 Resp: 17486
Ion Ratio Lower Upper
178 100
176 82.8 14.5 21.7#
179 207.8 12.2 18.4#

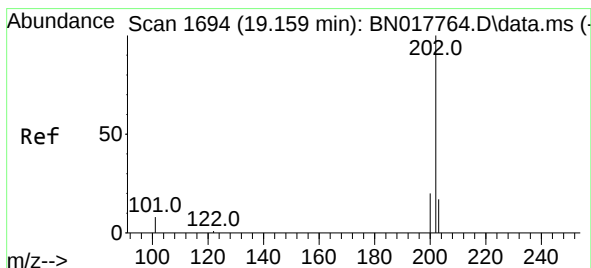
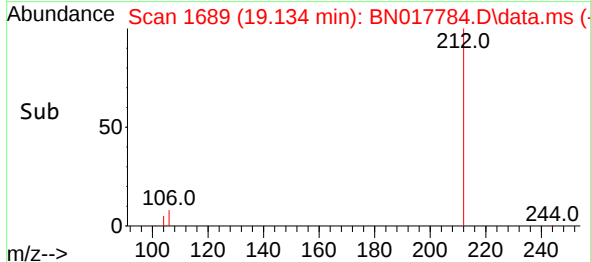
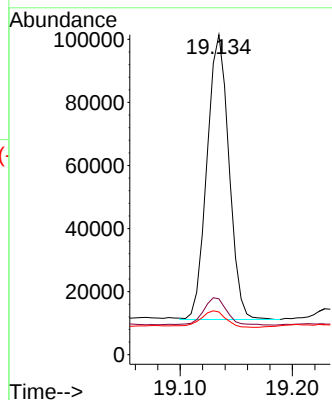
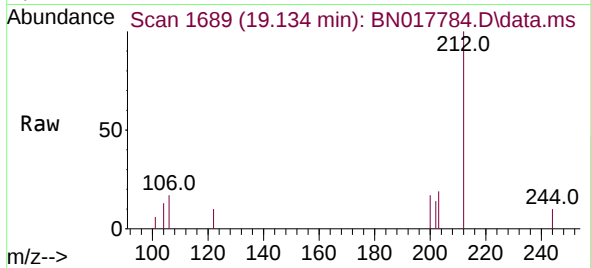




#27
Fluoranthene-d10
Concen: 0.330 ng
RT: 19.134 min Scan# 1688
Delta R.T. 0.005 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

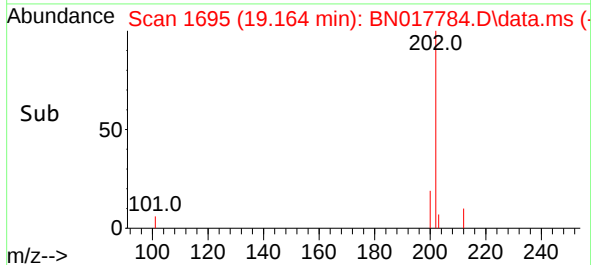
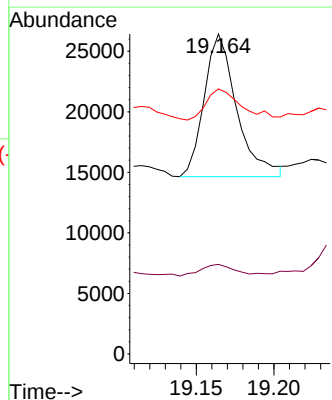
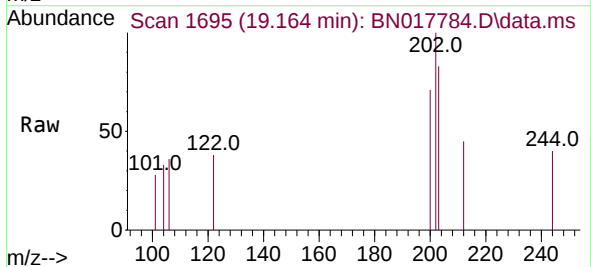
Instrument :
BNA_N
ClientSampleId :
MW-27

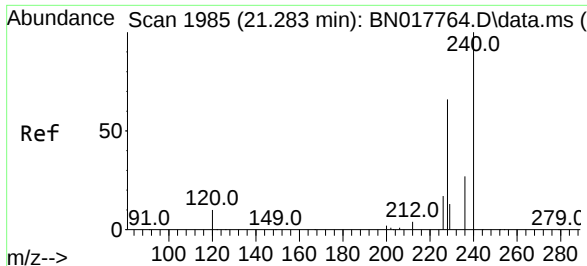
Tgt Ion:212 Resp: 122501
Ion Ratio Lower Upper
212 100
106 10.2 8.2 12.2
104 6.7 4.6 6.8



#28
Fluoranthene
Concen: 0.048 ng
RT: 19.164 min Scan# 1695
Delta R.T. 0.005 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

Tgt Ion:202 Resp: 17204
Ion Ratio Lower Upper
202 100
101 9.0 7.2 10.8
203 25.8 13.7 20.5#

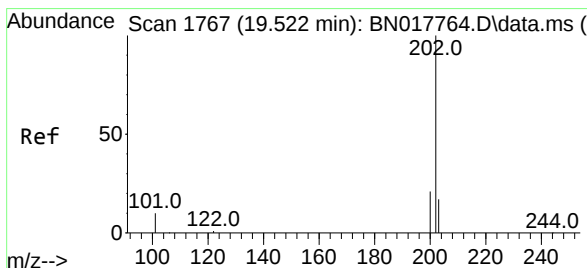
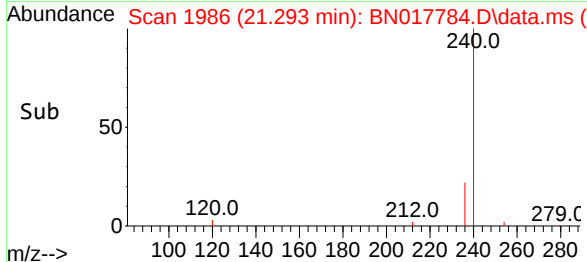
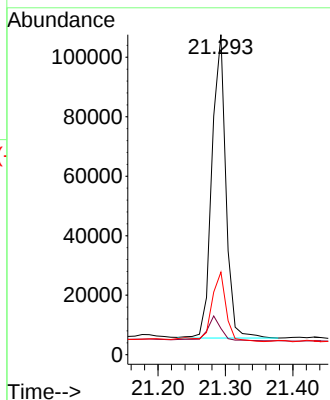
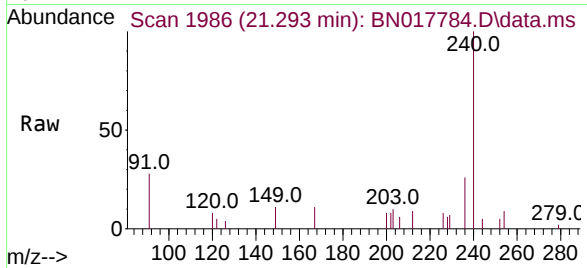




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1985
Delta R.T. 0.011 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

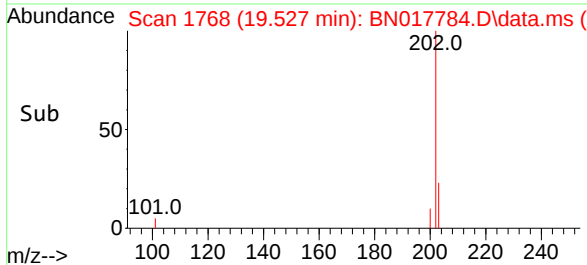
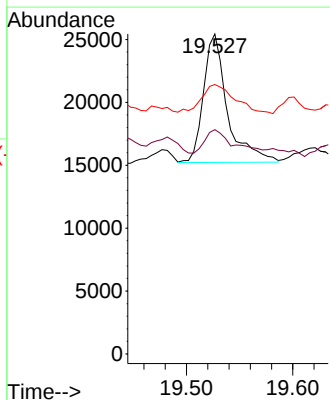
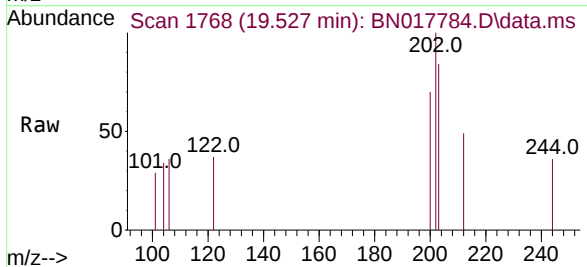
Instrument :
BNA_N
ClientSampleId :
MW-27

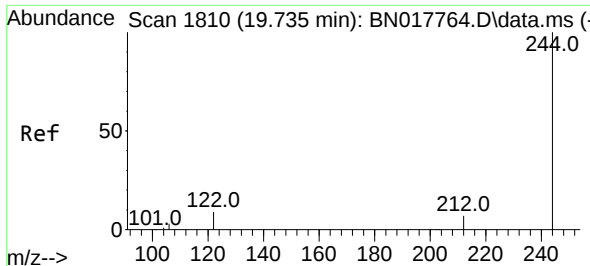
Tgt Ion:240 Resp: 146119
Ion Ratio Lower Upper
240 100
120 8.2 7.9 11.9
236 25.8 21.4 32.2



#30
Pyrene
Concen: 0.034 ng
RT: 19.527 min Scan# 1768
Delta R.T. 0.005 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

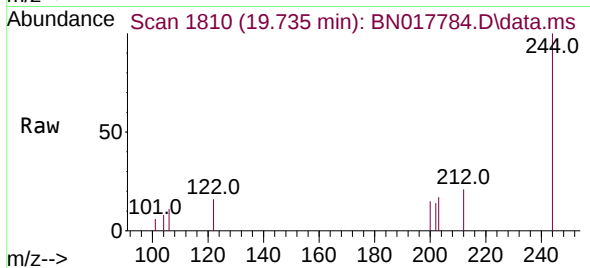
Tgt Ion:202 Resp: 15929
Ion Ratio Lower Upper
202 100
200 21.1 16.5 24.7
203 31.6 14.0 21.0#



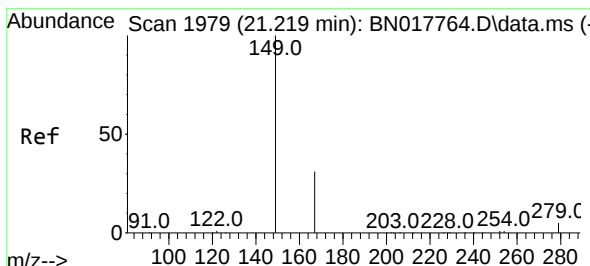
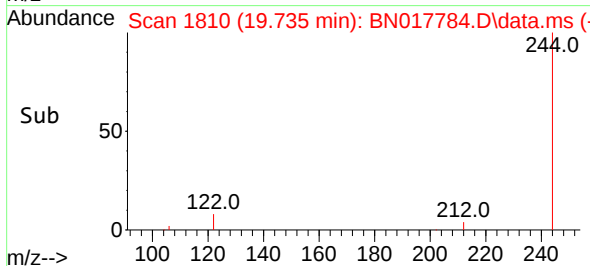
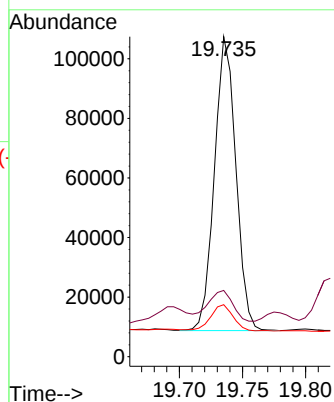


#31
 Terphenyl-d14
 Concen: 0.371 ng
 RT: 19.735 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: BN017784.D
 Acq: 08 Dec 2021 04:58

Instrument :
 BNA_N
 ClientSampleId :
 MW-27

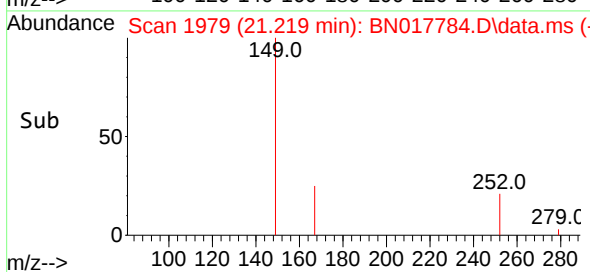
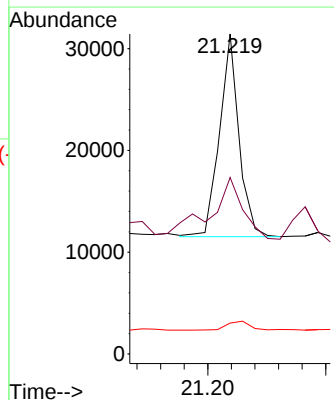
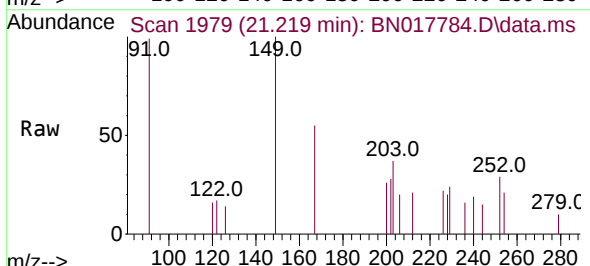


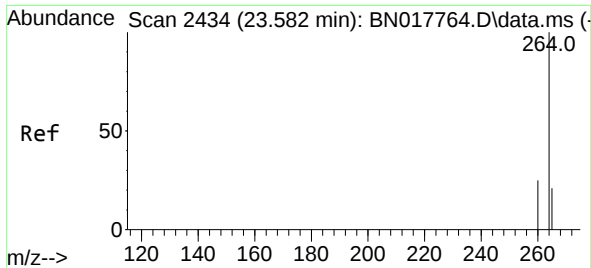
Tgt Ion:244 Resp: 116424
 Ion Ratio Lower Upper
 244 100
 212 20.7 5.8 8.8#
 122 16.2 7.1 10.7#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.111 ng
 RT: 21.219 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: BN017784.D
 Acq: 08 Dec 2021 04:58

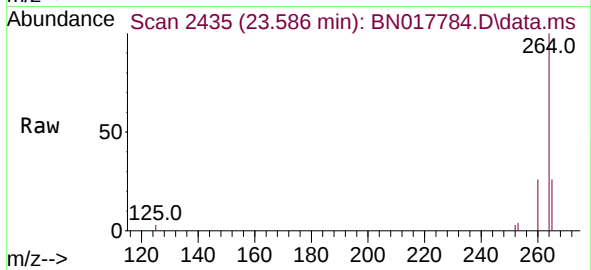
Tgt Ion:149 Resp: 22677
 Ion Ratio Lower Upper
 149 100
 167 54.1 23.5 35.3#
 279 5.5 3.8 5.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.586 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: BN017784.D
 Acq: 08 Dec 2021 04:58

Instrument :
 BNA_N
 ClientSampleId :
 MW-27



Tgt Ion:264 Resp: 121393
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.0 30.0
 265 26.0 20.5 30.7

