

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
 Data File : BN017777.D
 Acq On : 07 Dec 2021 23:36
 Operator : CG/JU
 Sample : M4917-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP120121RE

Quant Time: Dec 08 07:34:40 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)

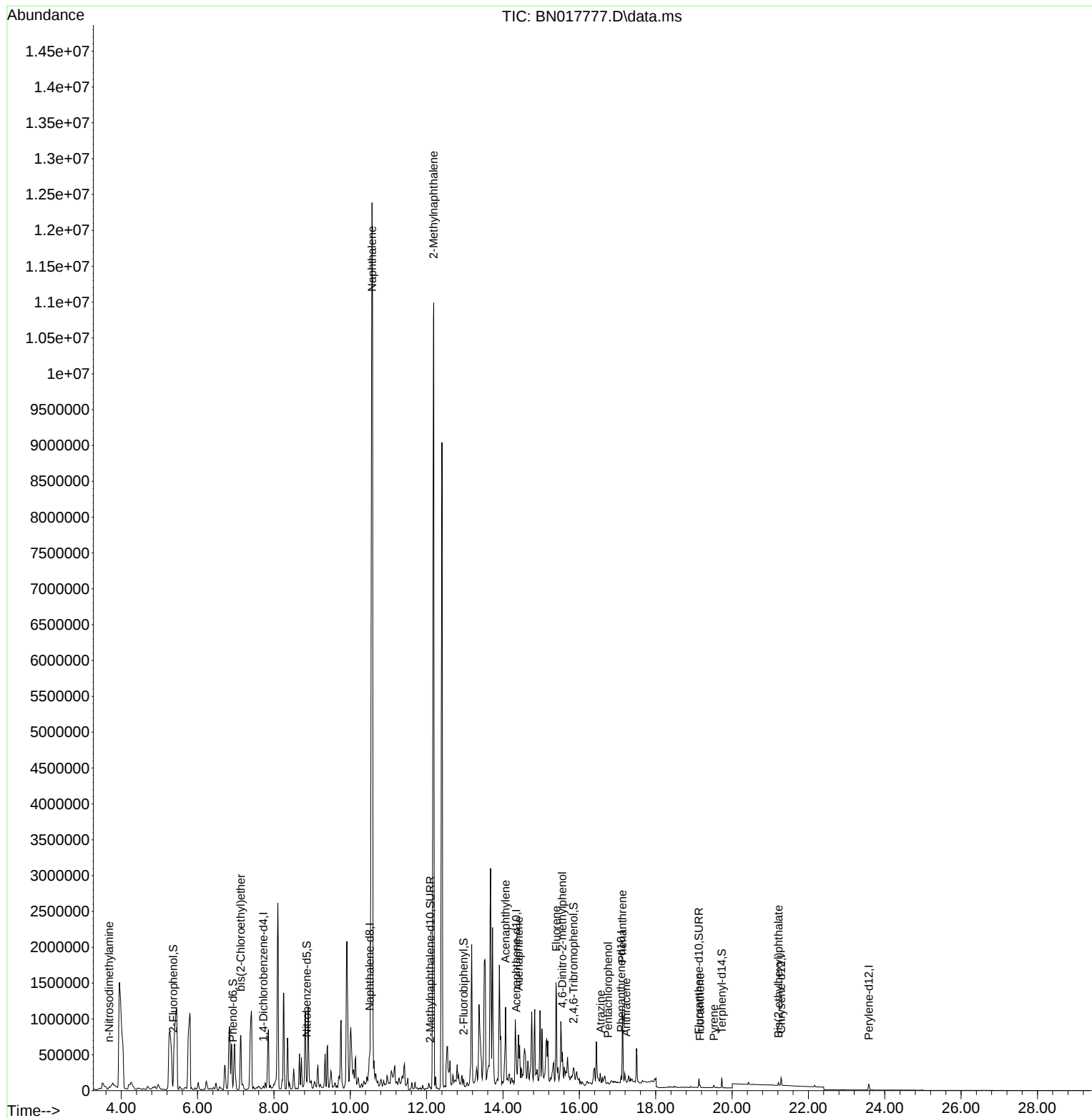
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	16670	0.400	ng	0.00
7) Naphthalene-d8	10.507	136	69670	0.400	ng	# 0.01
13) Acenaphthene-d10	14.348	164	134650	0.400	ng	# 0.00
19) Phenanthrene-d10	17.093	188	99970	0.400	ng	# 0.00
29) Chrysene-d12	21.283	240	107661	0.400	ng	# 0.00
35) Perylene-d12	23.583	264	106127	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.364	112	27813	0.691	ng	0.04
5) Phenol-d6	6.922	99	5620	0.147	ng	0.02
8) Nitrobenzene-d5	8.860	82	63678	1.374	ng	0.00
11) 2-Methylnaphthalene-d10	12.095	152	46261	0.333	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	18053	0.256	ng	0.00
15) 2-Fluorobiphenyl	12.965	172	84769	0.172	ng	0.00
27) Fluoranthene-d10	19.130	212	140569	0.421	ng	0.00
31) Terphenyl-d14	19.730	244	135340	0.585	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.686	42	2266	0.132	ng	# 1
6) bis(2-Chloroethyl)ether	7.134	93	71146	1.650	ng	# 1
9) Naphthalene	10.571	128	23954314	131.312	ng	# 94
12) 2-Methylnaphthalene	12.184	142	9613155	73.129	ng	95
16) Acenaphthylene	14.069	152	141135	0.267	ng	# 1
17) Acenaphthene	14.411	154	332388	0.943	ng	# 74
18) Fluorene	15.401	166	743417	1.651	ng	# 94
20) 4,6-Dinitro-2-methylph...	15.553	198	26625	4.706	ng	# 66
23) Atrazine	16.557	200	4956	0.113	ng	# 1
24) Pentachlorophenol	16.752	266	225	0.288	ng	98
25) Phenanthrene	17.129	178	1065817	4.058	ng	99
26) Anthracene	17.227	178	30786	0.133	ng	# 72
28) Fluoranthene	19.160	202	29324	0.092	ng	95
30) Pyrene	19.522	202	34851	0.102	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.219	149	37937	0.253	ng	# 96

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

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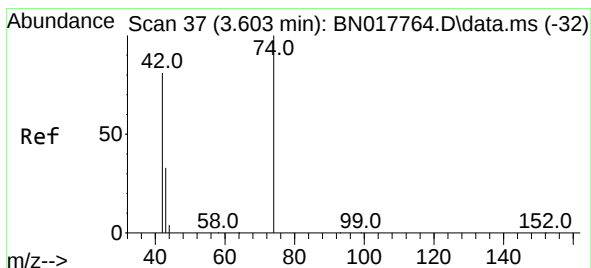
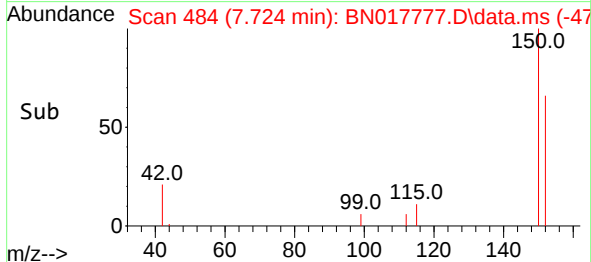
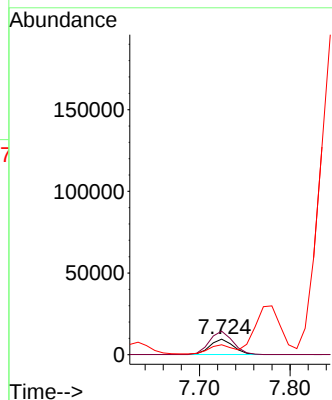
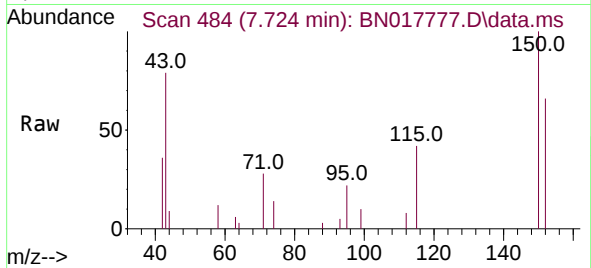




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 41
Delta R.T. 0.009 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

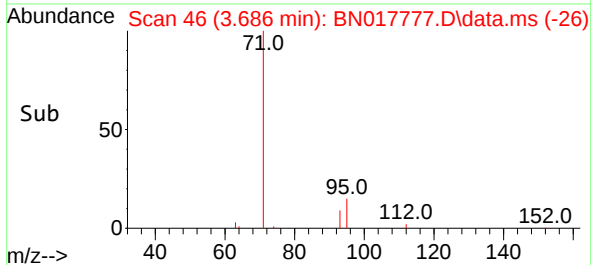
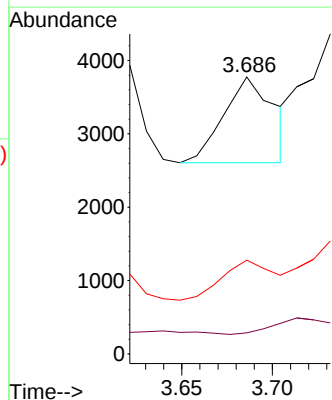
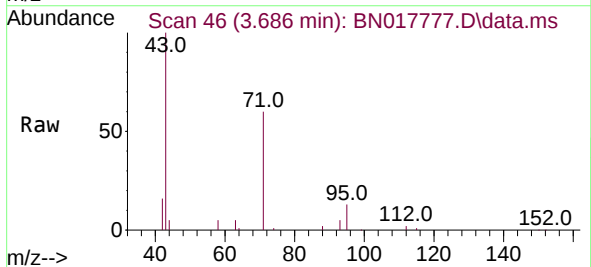
Instrument :
BNA_N
ClientSampleId :
DUP120121RE

Tgt Ion:152 Resp: 16670
Ion Ratio Lower Upper
152 100
150 151.1 123.0 184.4
115 63.4 45.3 67.9



#3
n-Nitrosodimethylamine
Concen: 0.132 ng
RT: 3.686 min Scan# 46
Delta R.T. 0.083 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

Tgt Ion: 42 Resp: 2266
Ion Ratio Lower Upper
42 100
74 0.0 101.3 151.9#
44 48.4 5.0 7.4#

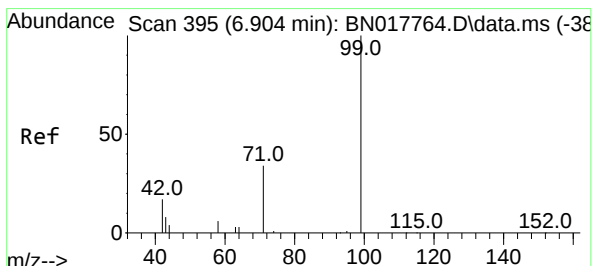
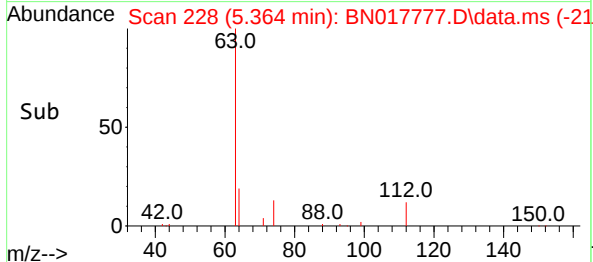
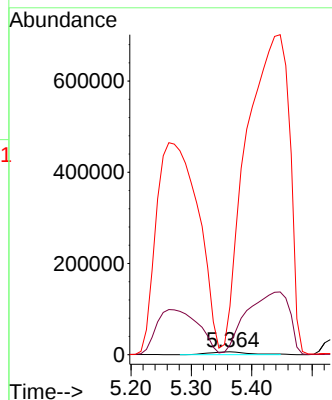
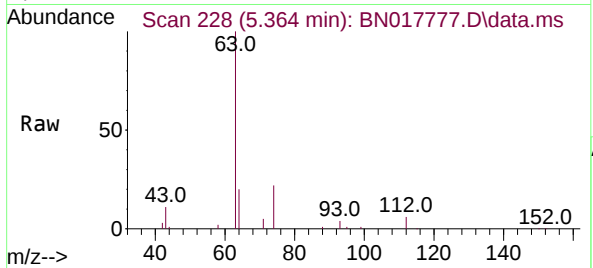




#4
2-Fluorophenol
Concen: 0.691 ng
RT: 5.364 min Scan# 21
Delta R.T. 0.037 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

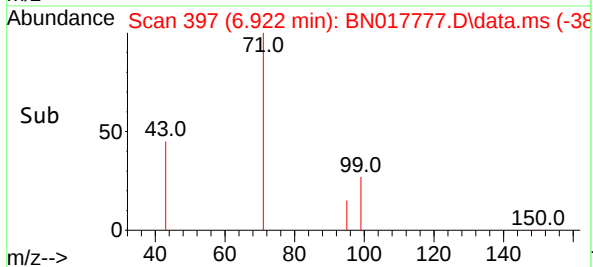
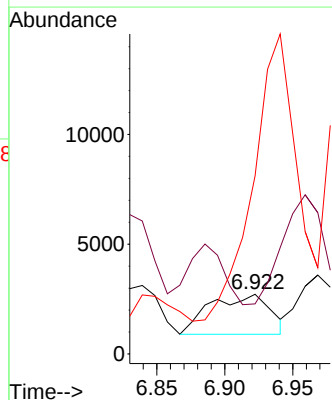
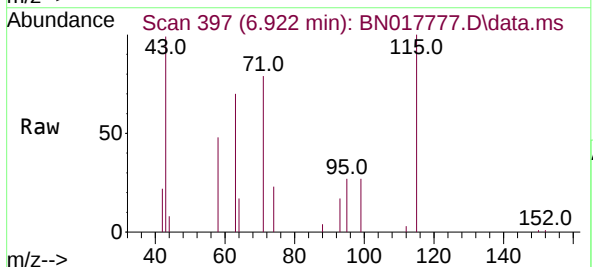
Instrument :
BNA_N
ClientSampleId :
DUP120121RE

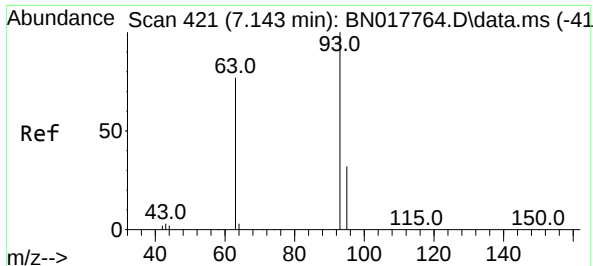
Tgt Ion:112 Resp: 27813
Ion Ratio Lower Upper
112 100
64 0.0 49.3 73.9#
63 0.0 25.8 38.8#



#5
Phenol-d6
Concen: 0.147 ng
RT: 6.922 min Scan# 397
Delta R.T. 0.019 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

Tgt Ion: 99 Resp: 5620
Ion Ratio Lower Upper
99 100
42 0.0 16.6 25.0#
71 522.8 29.0 43.4#

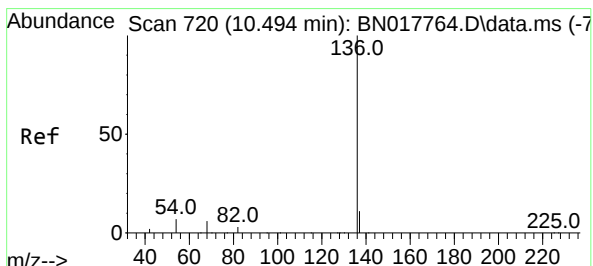
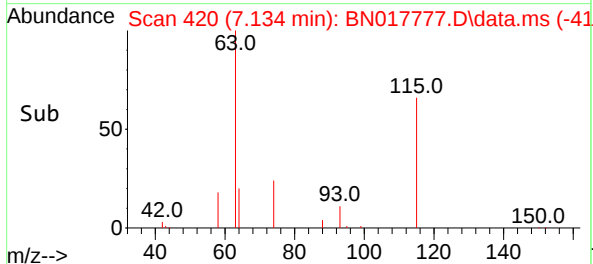
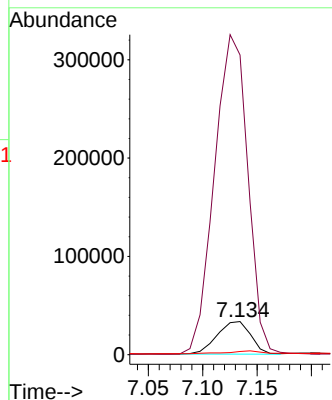
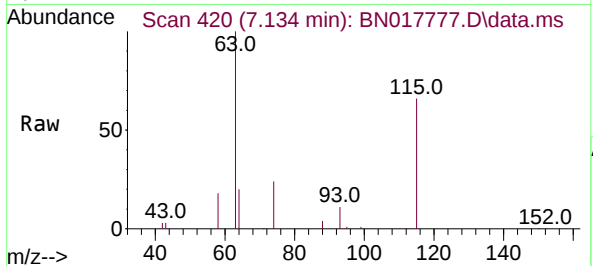




#6
bis(2-Chloroethyl)ether
Concen: 1.650 ng
RT: 7.134 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

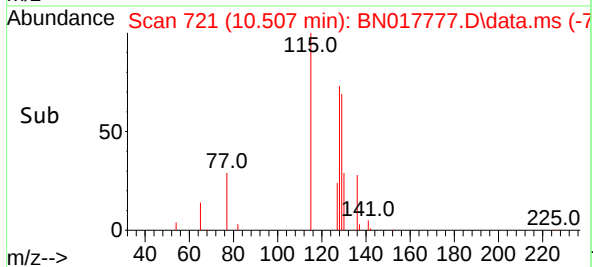
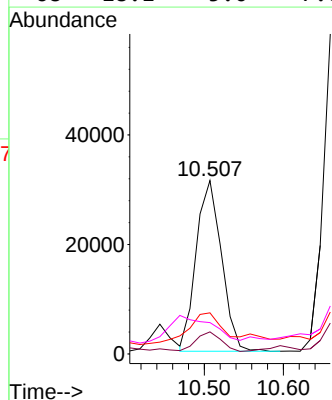
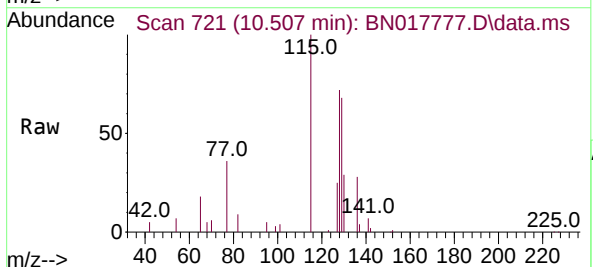
Instrument :
BNA_N
ClientSampleId :
DUP120121RE

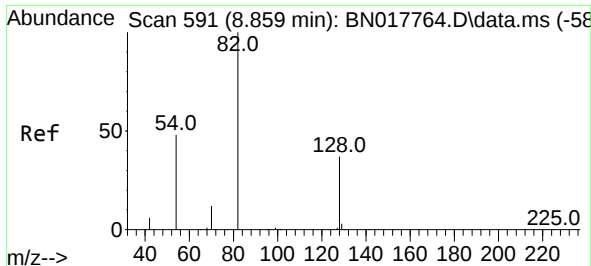
Tgt Ion: 93 Resp: 71146
Ion Ratio Lower Upper
93 100
63 979.6 62.0 93.0#
95 8.8 26.4 39.6#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.507 min Scan# 721
Delta R.T. 0.013 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

Tgt Ion:136 Resp: 69670
Ion Ratio Lower Upper
136 100
137 12.7 8.8 13.2
54 23.7 5.9 8.9#
68 18.1 5.0 7.6#

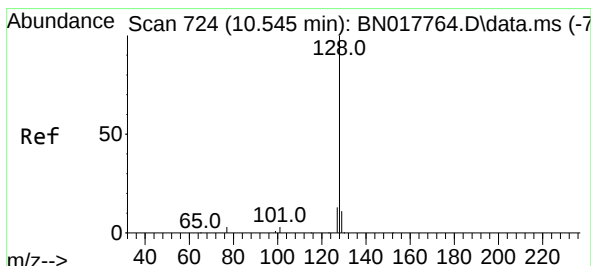
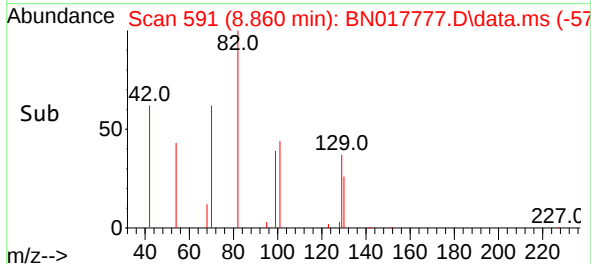
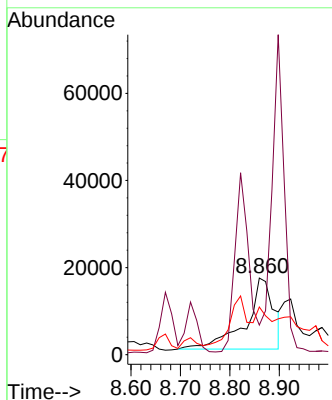
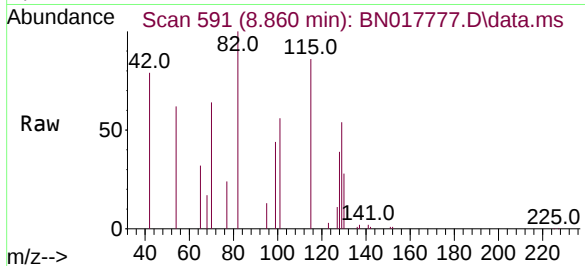




#8
Nitrobenzene-d5
Concen: 1.374 ng
RT: 8.860 min Scan# 591
Delta R.T. 0.000 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

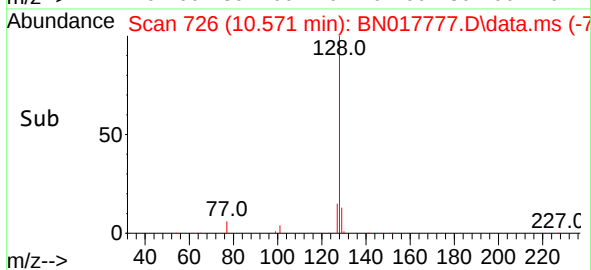
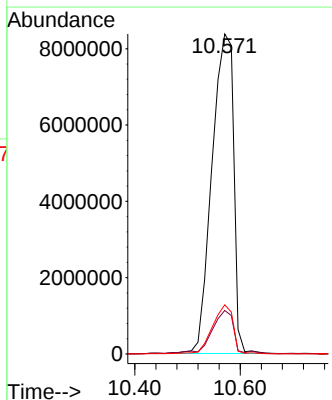
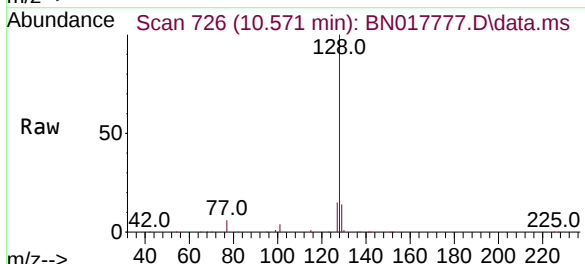
Instrument :
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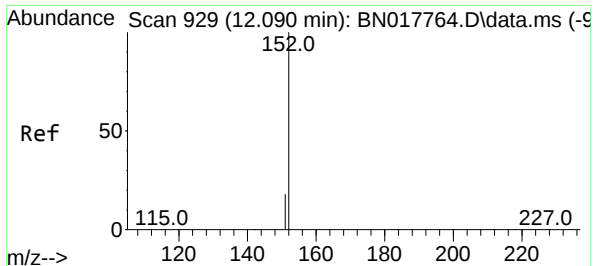
Tgt Ion: 82 Resp: 63678
Ion Ratio Lower Upper
82 100
128 38.7 30.2 45.2
54 62.2 39.0 58.6#



#9
Naphthalene
Concen: 131.312 ng
RT: 10.571 min Scan# 726
Delta R.T. 0.026 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

Tgt Ion:128 Resp:23954314
Ion Ratio Lower Upper
128 100
129 13.6 8.8 13.2#
127 15.4 10.6 15.8

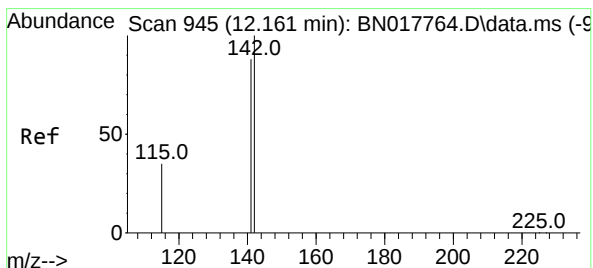
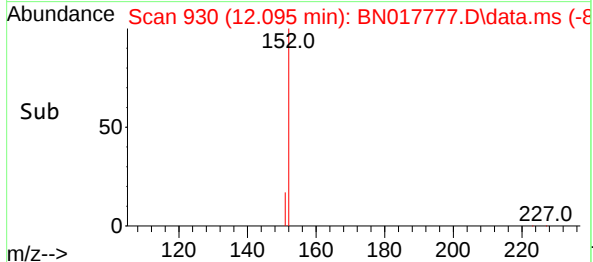
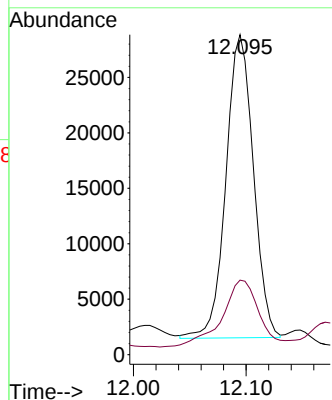
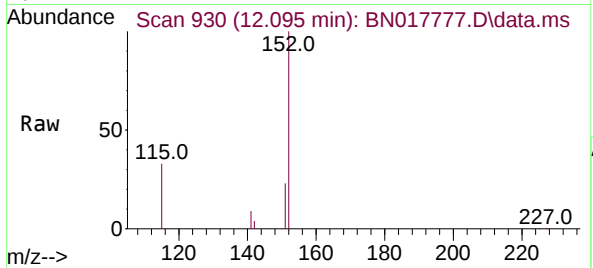




#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 12.095 min Scan# 911
Delta R.T. 0.005 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

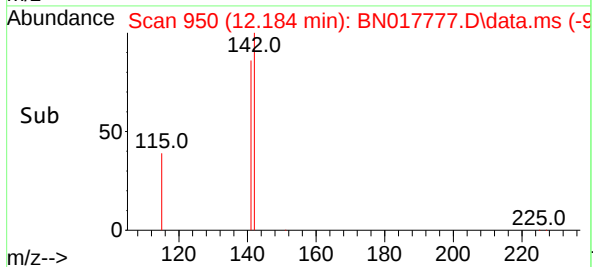
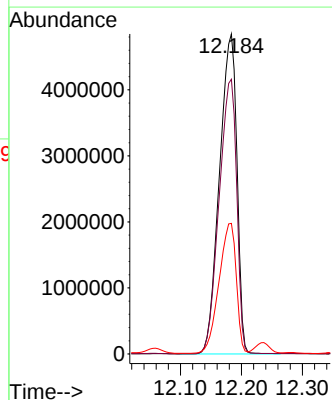
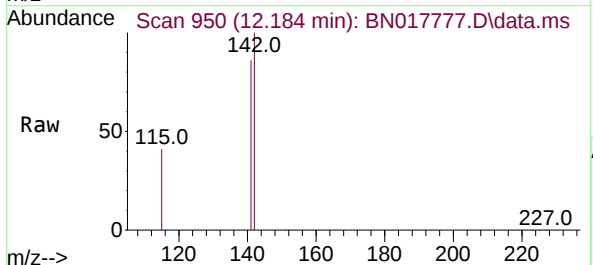
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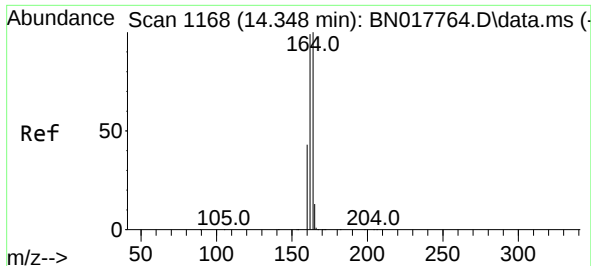
Tgt Ion:152 Resp: 46261
Ion Ratio Lower Upper
152 100
151 29.7 16.4 24.6#



#12
2-Methylnaphthalene
Concen: 73.129 ng
RT: 12.184 min Scan# 950
Delta R.T. 0.022 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

Tgt Ion:142 Resp: 9613155
Ion Ratio Lower Upper
142 100
141 85.8 70.5 105.7
115 40.8 28.0 42.0

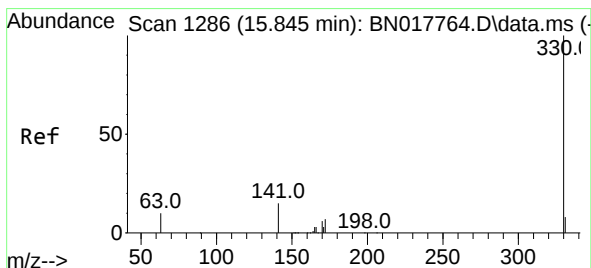
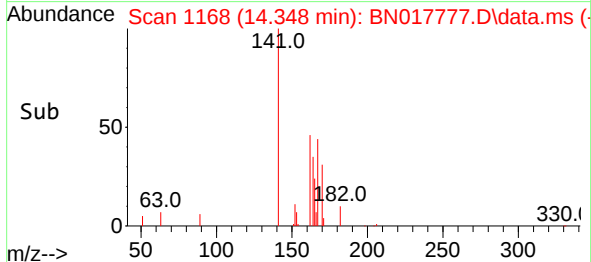
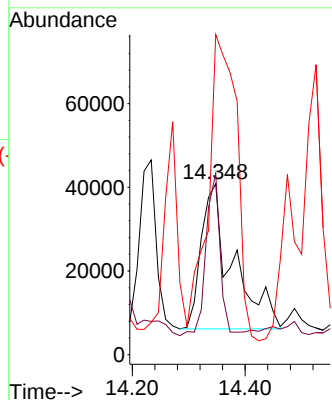
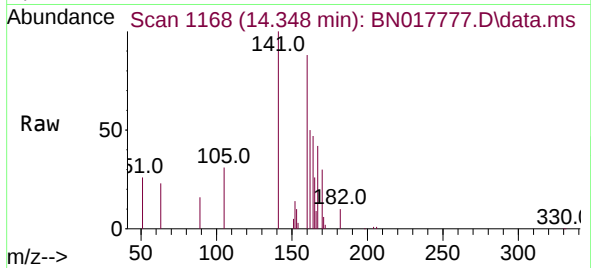




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.348 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

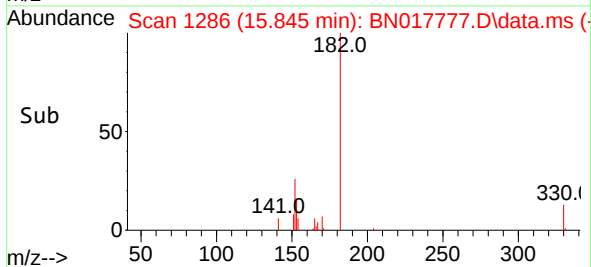
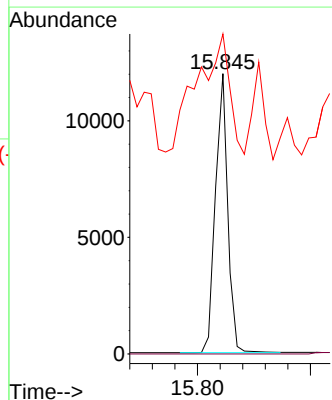
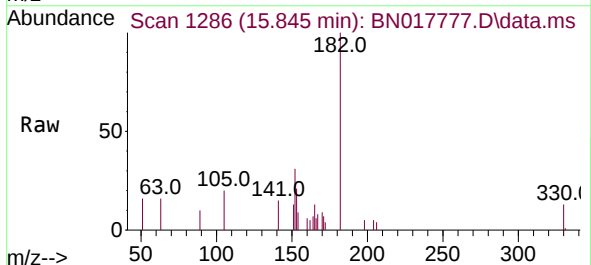
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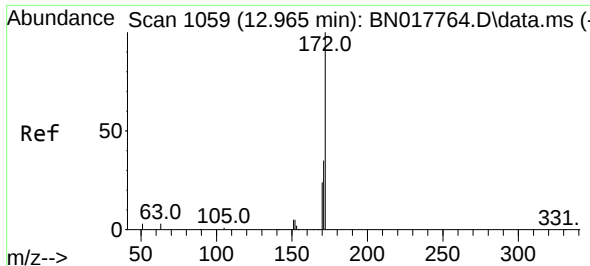
Tgt Ion:164 Resp: 134650
Ion Ratio Lower Upper
164 100
162 106.0 79.0 118.6
160 187.2 34.6 52.0#



#14
2,4,6-Tribromophenol
Concen: 0.256 ng
RT: 15.845 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

Tgt Ion:330 Resp: 18053
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 105.9 21.5 32.3#

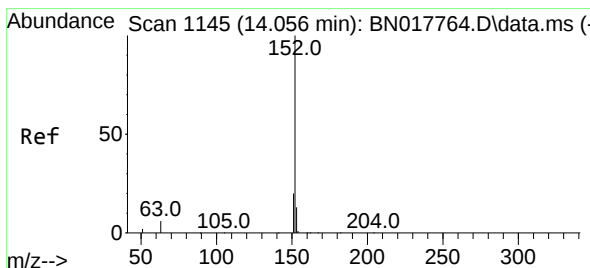
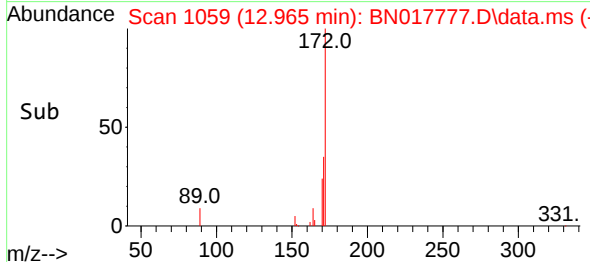
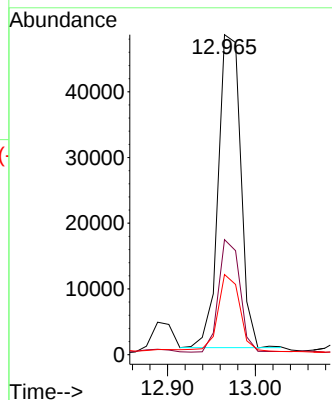
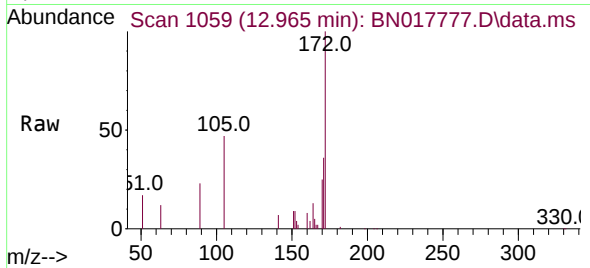




#15
2-Fluorobiphenyl
Concen: 0.172 ng
RT: 12.965 min Scan# 1059
Delta R.T. 0.000 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

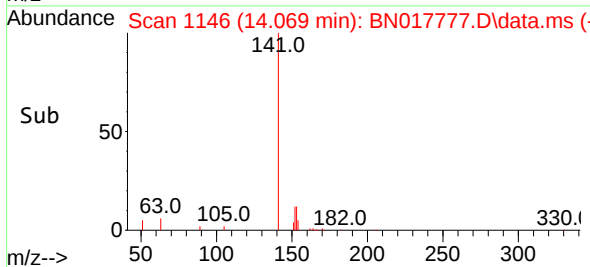
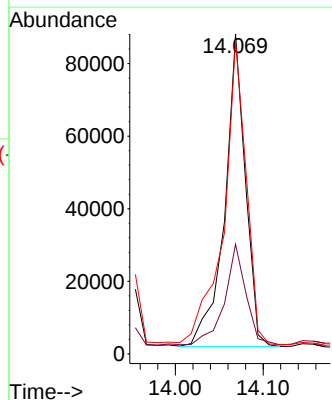
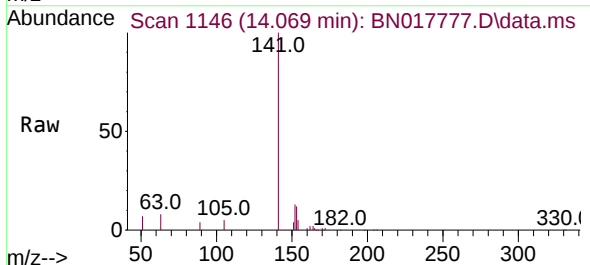
Instrument :
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DUP120121RE

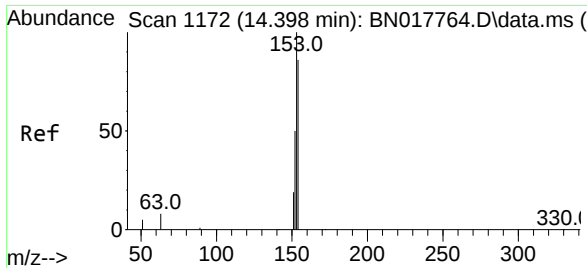
Tgt Ion:172 Resp: 84769
Ion Ratio Lower Upper
172 100
171 36.0 28.1 42.1
170 25.0 18.9 28.3



#16
Acenaphthylene
Concen: 0.267 ng
RT: 14.069 min Scan# 1146
Delta R.T. 0.013 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

Tgt Ion:152 Resp: 141135
Ion Ratio Lower Upper
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151 33.7 15.7 23.5#
153 106.8 10.4 15.6#

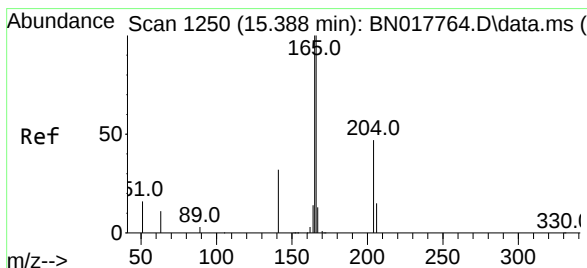
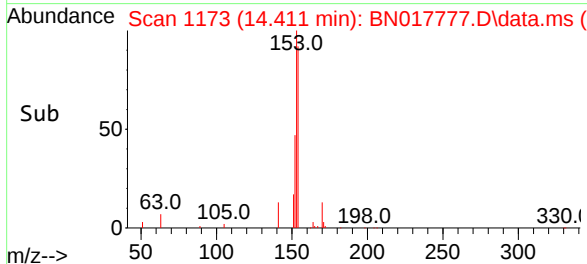
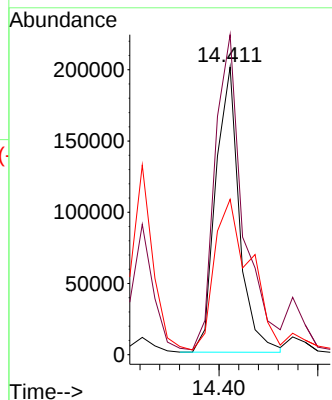
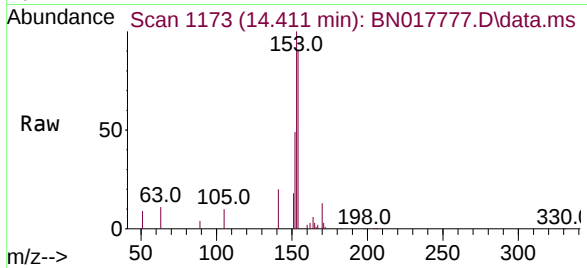




#17
Acenaphthene
Concen: 0.943 ng
RT: 14.411 min Scan# 1173
Delta R.T. 0.013 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

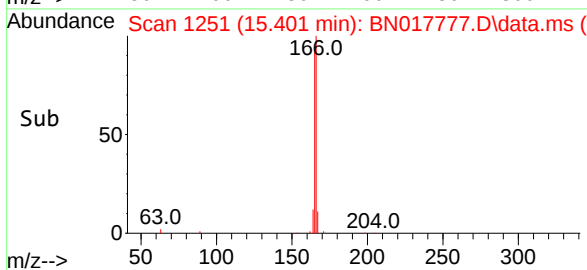
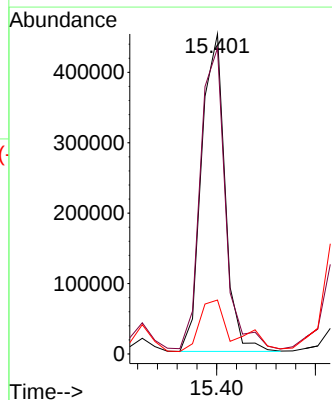
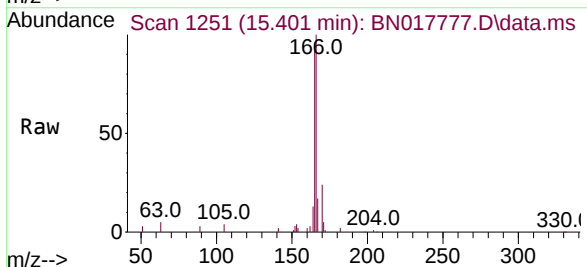
Instrument :
BNA_N
ClientSampleId :
DUP120121RE

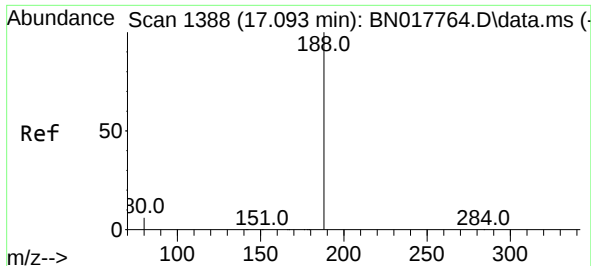
Tgt Ion:154 Resp: 332388
Ion Ratio Lower Upper
154 100
153 132.0 90.1 135.1
152 85.2 43.7 65.5#



#18
Fluorene
Concen: 1.651 ng
RT: 15.401 min Scan# 1251
Delta R.T. 0.013 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

Tgt Ion:166 Resp: 743417
Ion Ratio Lower Upper
166 100
165 100.6 77.8 116.8
167 23.6 11.0 16.4#

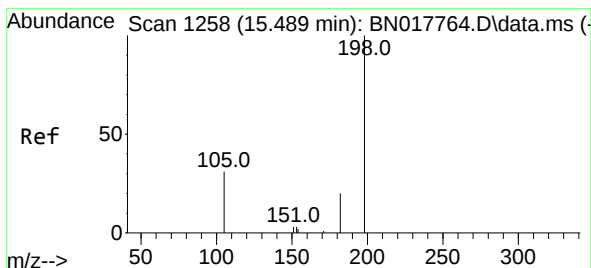
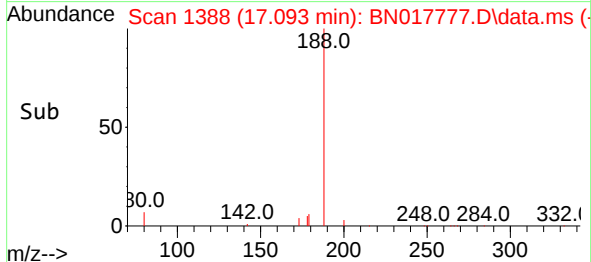
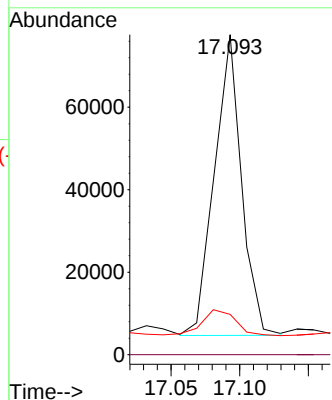
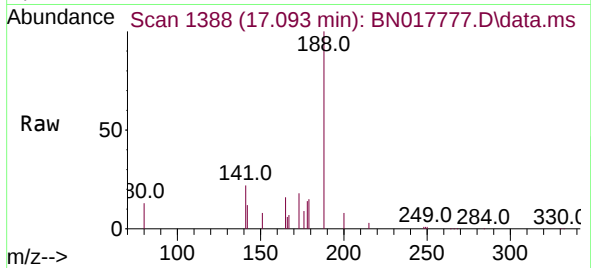




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

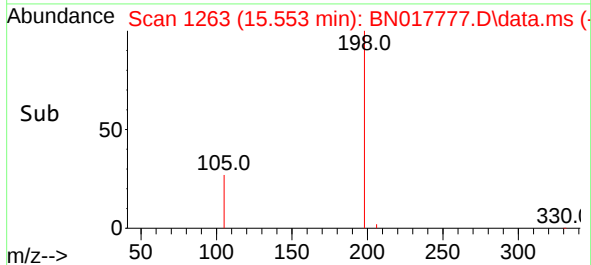
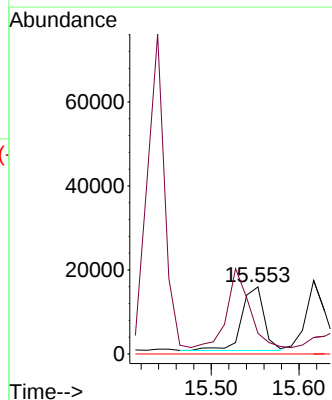
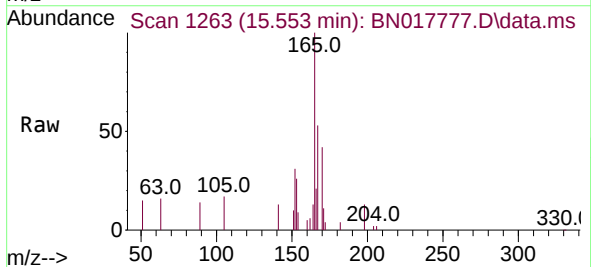
Instrument :
BNA_N
ClientSampleId :
DUP120121RE

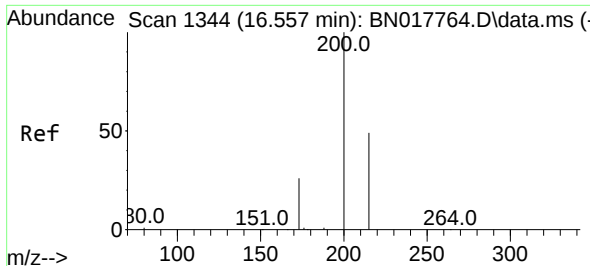
Tgt Ion:188 Resp: 99970
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 5.1 7.7#



#20
4,6-Dinitro-2-methylphenol
Concen: 4.706 ng
RT: 15.553 min Scan# 1263
Delta R.T. 0.064 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

Tgt Ion:198 Resp: 26625
Ion Ratio Lower Upper
198 100
182 30.9 44.2 66.2#
77 0.0 0.0 0.0

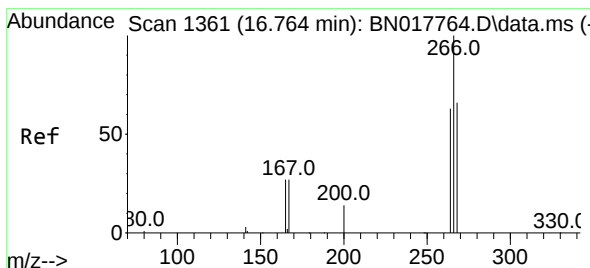
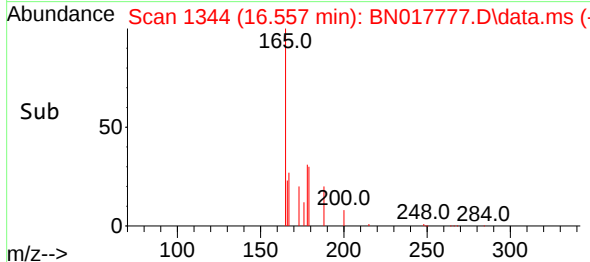
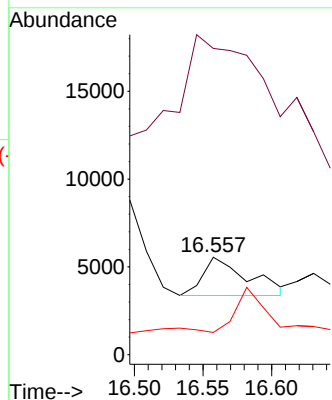
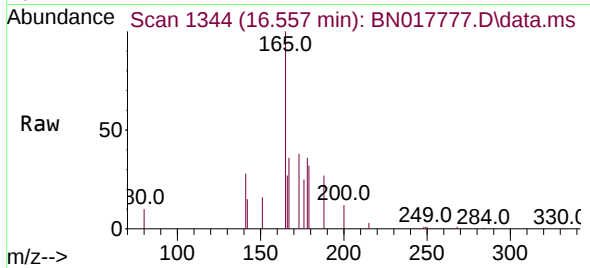




#23
Atrazine
Concen: 0.113 ng
RT: 16.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

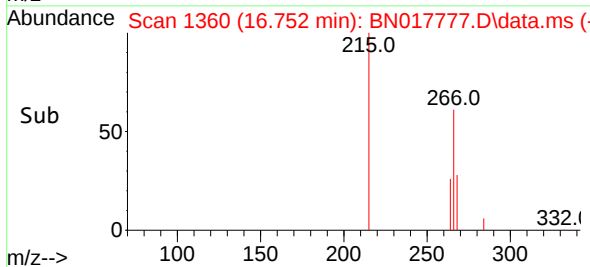
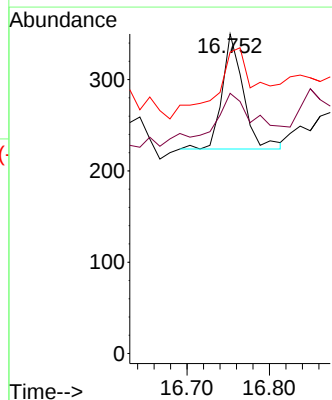
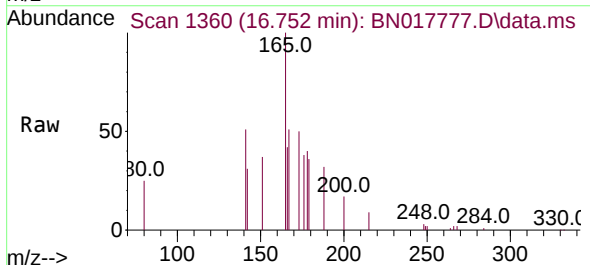
Instrument :
BNA_N
ClientSampleId :
DUP120121RE

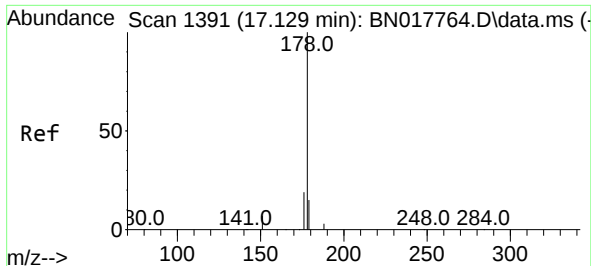
Tgt Ion:200 Resp: 4956
Ion Ratio Lower Upper
200 100
173 314.5 21.4 32.2#
215 22.8 39.3 58.9#



#24
Pentachlorophenol
Concen: 0.288 ng
RT: 16.752 min Scan# 1360
Delta R.T. -0.012 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

Tgt Ion:266 Resp: 225
Ion Ratio Lower Upper
266 100
264 63.1 50.8 76.2
268 67.1 51.8 77.6

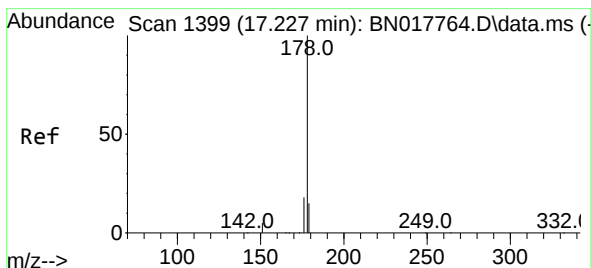
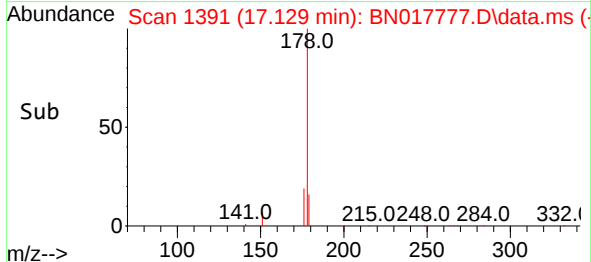
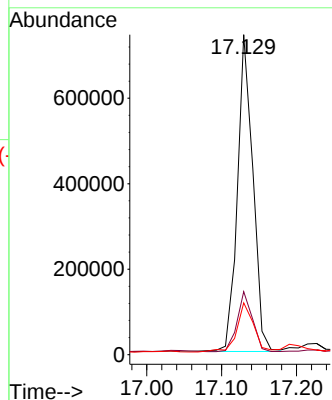
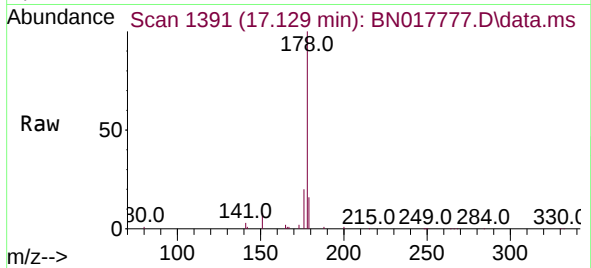




#25
Phenanthrene
Concen: 4.058 ng
RT: 17.129 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

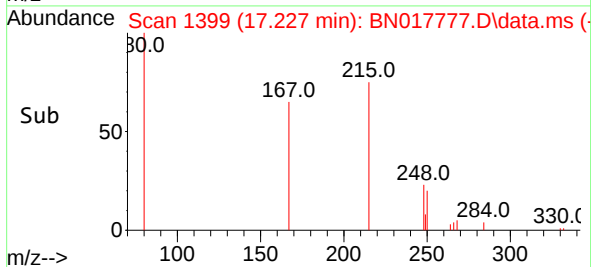
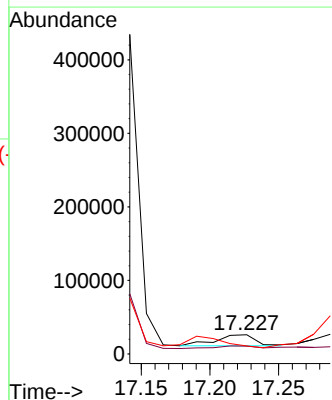
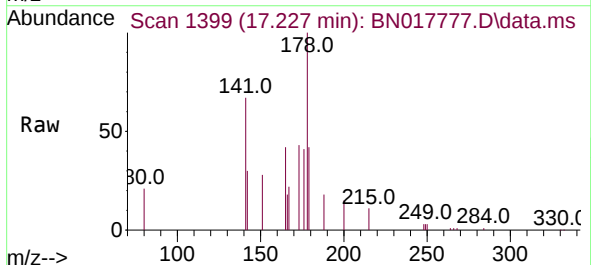
Instrument :
BNA_N
ClientSampleId :
DUP120121RE

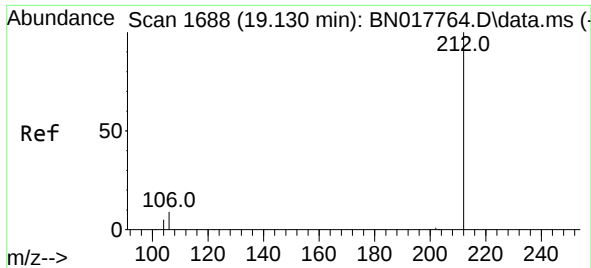
Tgt Ion:178 Resp: 1065817
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 16.6 12.5 18.7



#26
Anthracene
Concen: 0.133 ng
RT: 17.227 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

Tgt Ion:178 Resp: 30786
Ion Ratio Lower Upper
178 100
176 27.1 14.5 21.7#
179 0.0 12.2 18.4#

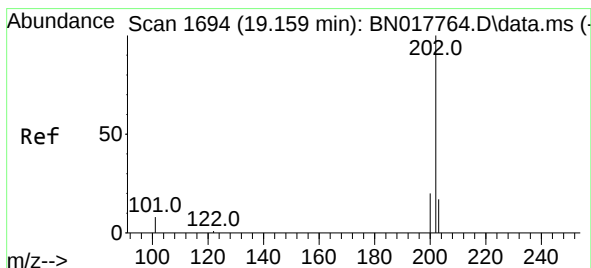
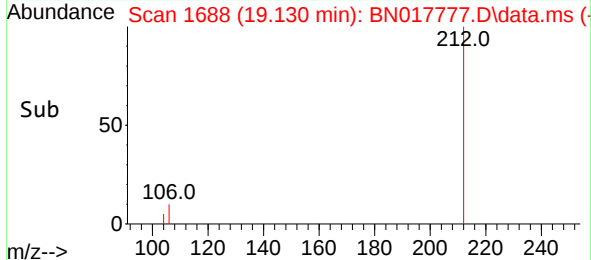
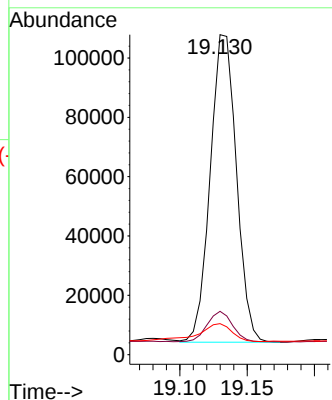
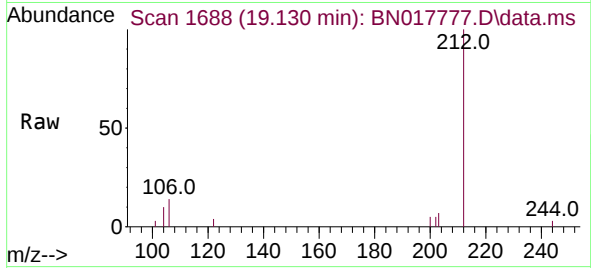




#27
Fluoranthene-d10
Concen: 0.421 ng
RT: 19.130 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

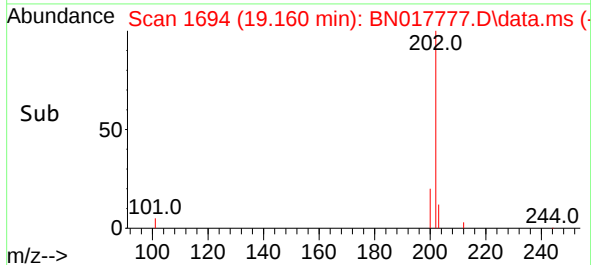
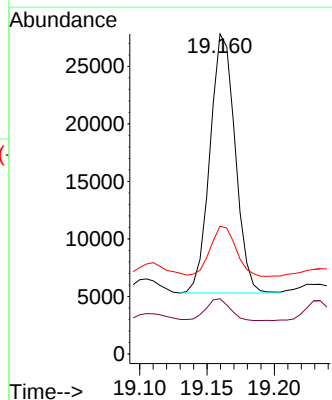
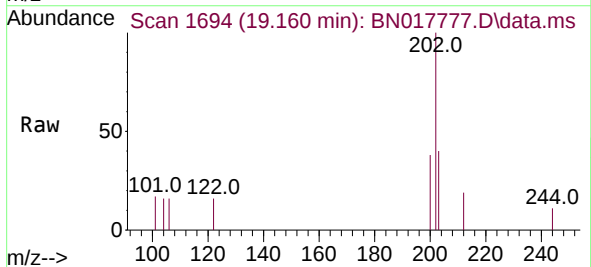
Instrument :
BNA_N
ClientSampleId :
DUP120121RE

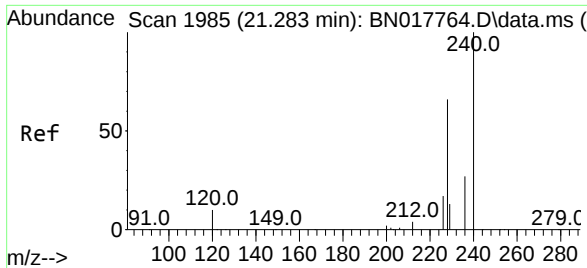
Tgt Ion:212 Resp: 140569
Ion Ratio Lower Upper
212 100
106 9.7 8.2 12.2
104 7.7 4.6 6.8#



#28
Fluoranthene
Concen: 0.092 ng
RT: 19.160 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

Tgt Ion:202 Resp: 29324
Ion Ratio Lower Upper
202 100
101 7.9 7.2 10.8
203 19.7 13.7 20.5

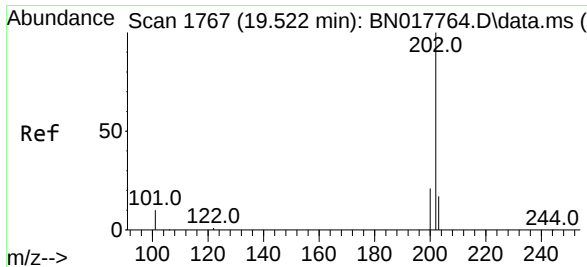
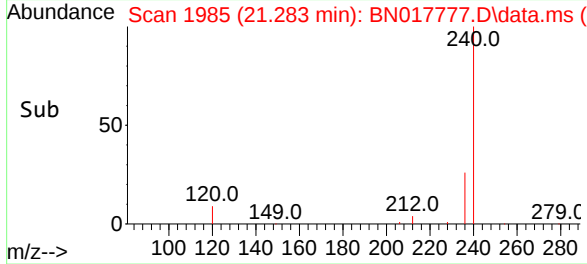
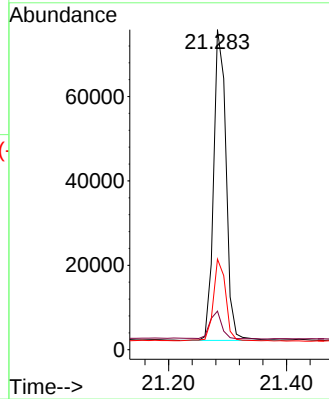
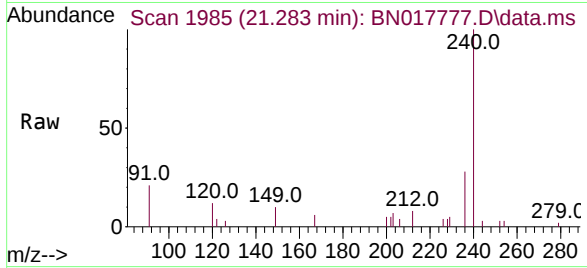




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.283 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

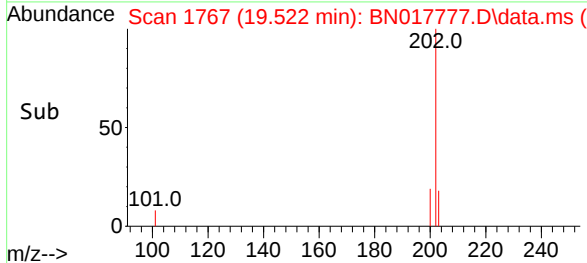
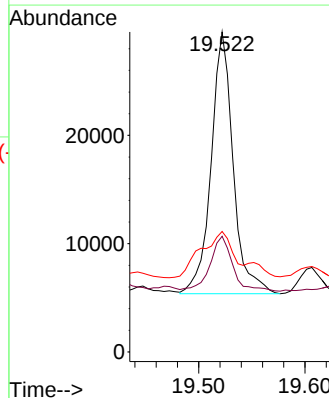
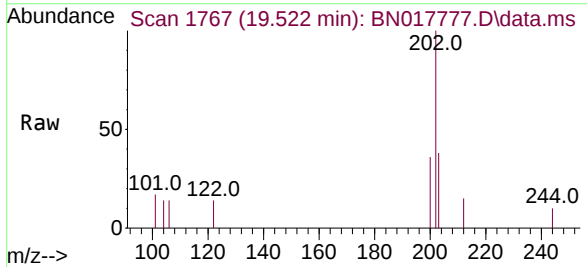
Instrument :
BNA_N
ClientSampleId :
DUP120121RE

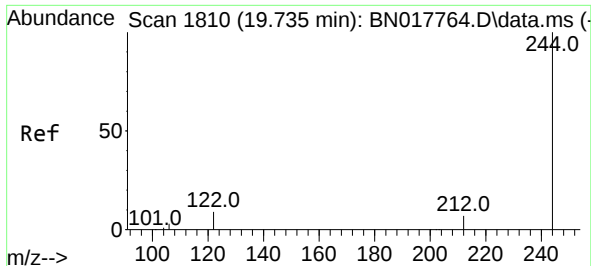
Tgt Ion:240 Resp: 107661
Ion Ratio Lower Upper
240 100
120 12.1 7.9 11.9#
236 28.3 21.4 32.2



#30
Pyrene
Concen: 0.102 ng
RT: 19.522 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

Tgt Ion:202 Resp: 34851
Ion Ratio Lower Upper
202 100
200 21.6 16.5 24.7
203 25.4 14.0 21.0#

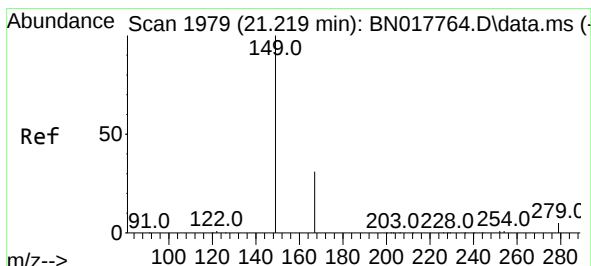
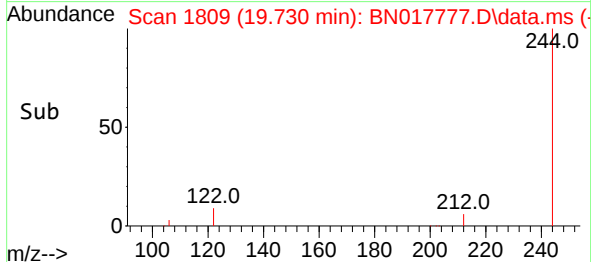
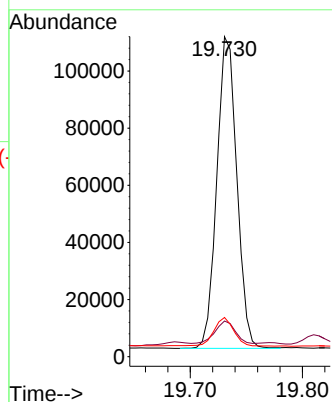
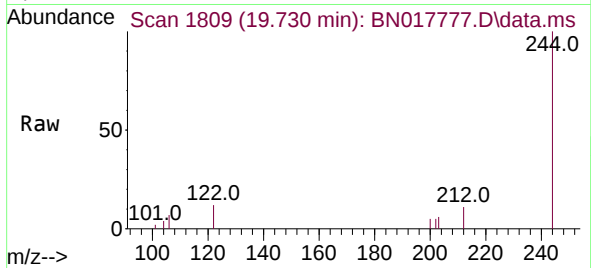




#31
 Terphenyl-d14
 Concen: 0.585 ng
 RT: 19.730 min Scan# 1810
 Delta R.T. -0.005 min
 Lab File: BN017777.D
 Acq: 07 Dec 2021 23:36

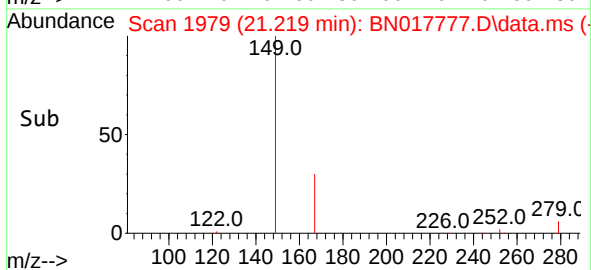
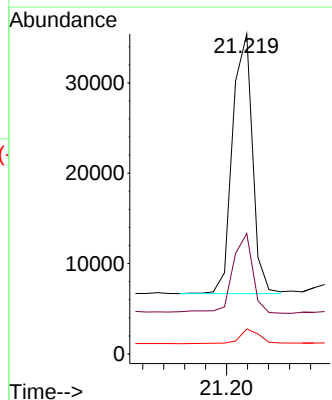
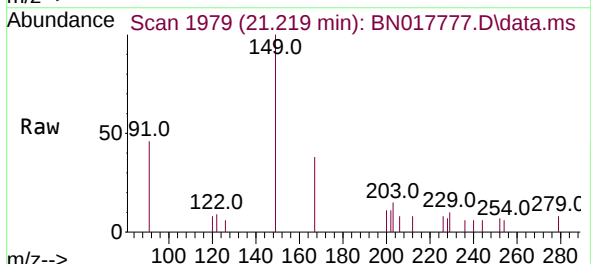
Instrument :
 BNA_N
 ClientSampleId :
 DUP120121RE

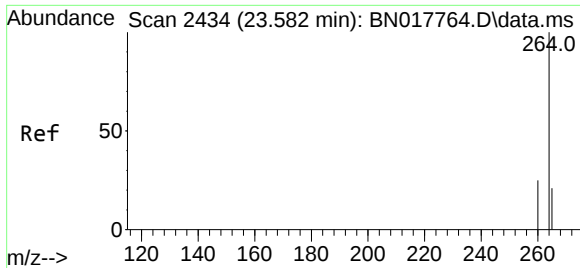
Tgt Ion:244 Resp: 135340
 Ion Ratio Lower Upper
 244 100
 212 11.2 5.8 8.8#
 122 12.2 7.1 10.7#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.253 ng
 RT: 21.219 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: BN017777.D
 Acq: 07 Dec 2021 23:36

Tgt Ion:149 Resp: 37937
 Ion Ratio Lower Upper
 149 100
 167 31.4 23.5 35.3
 279 5.8 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: BN017777.D

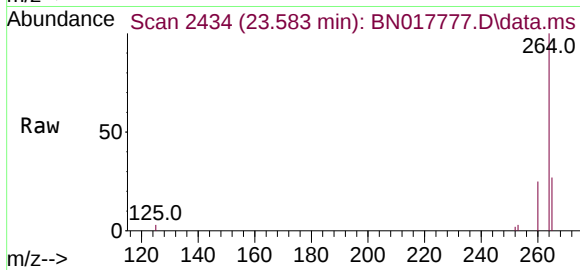
Acq: 07 Dec 2021 23:36

Instrument :

BNA_N

ClientSampleId :

DUP120121RE



Tgt Ion:264 Resp: 106127

Ion Ratio Lower Upper

264 100

260 25.3 20.0 30.0

265 26.9 20.5 30.7

