

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
 Data File : BN017719.D
 Acq On : 04 Dec 2021 09:29
 Operator : CG/JU
 Sample : M4917-16
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-32

Quant Time: Dec 06 02:14:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 23:07:38 2021
 Response via : Initial Calibration

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

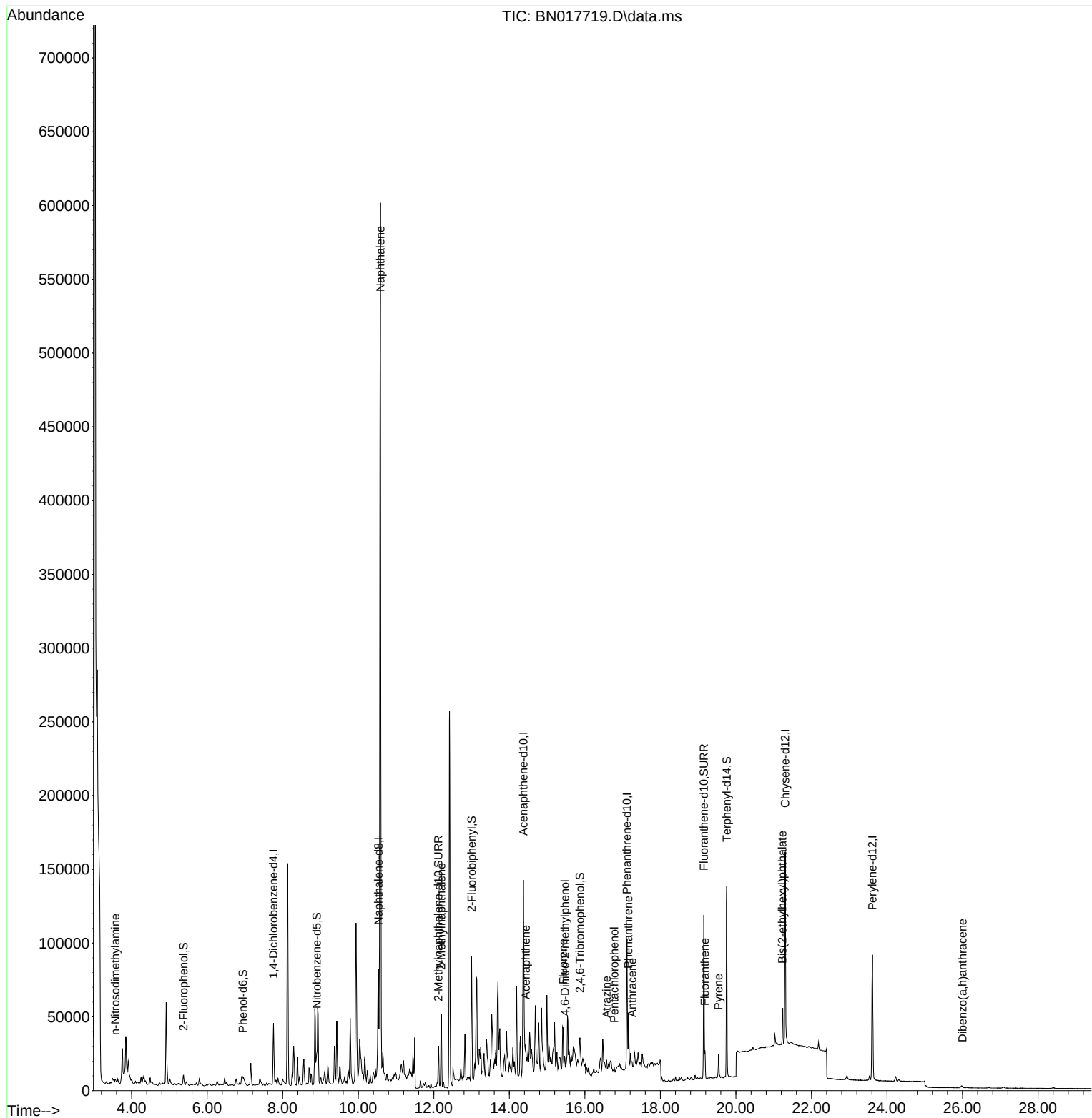
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	21002	0.400	ng	0.00
7) Naphthalene-d8	10.535	136	87816	0.400	ng	# 0.00
13) Acenaphthene-d10	14.372	164	56078	0.400	ng	# 0.00
19) Phenanthrene-d10	17.116	188	119450	0.400	ng	0.00
29) Chrysene-d12	21.303	240	123873	0.400	ng	# 0.00
35) Perylene-d12	23.612	264	115096	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.375	112	6078	0.123	ng	0.02
5) Phenol-d6	6.943	99	4127	0.082	ng	0.02
8) Nitrobenzene-d5	8.900	82	17936	0.422	ng	0.00
11) 2-Methylnaphthalene-d10	12.124	152	38461	0.248	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	15155	0.559	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	71641	0.335	ng	0.00
27) Fluoranthene-d10	19.149	212	131901	0.338	ng	0.00
31) Terphenyl-d14	19.754	244	135468	0.493	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.568	42	1849	0.088	ng	# 1
9) Naphthalene	10.585	128	784709	3.504	ng	100
12) 2-Methylnaphthalene	12.200	142	34805	0.238	ng	# 94
17) Acenaphthene	14.435	154	8776	0.060	ng	# 78
18) Fluorene	15.425	166	15992	0.088	ng	# 89
20) 4,6-Dinitro-2-methylph...	15.475	198	202	0.267	ng	# 1
23) Atrazine	16.581	200	882	0.112	ng	# 1
24) Pentachlorophenol	16.776	266	208	0.288	ng	91
25) Phenanthrene	17.153	178	39112	0.123	ng	# 93
26) Anthracene	17.250	178	5861	0.021	ng	# 83
28) Fluoranthene	19.178	202	16121	0.043	ng	# 96
30) Pyrene	19.541	202	15431	0.039	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.229	149	26903	0.229	ng	# 95
40) Dibenzo(a,h)anthracene	26.002	278	694	0.085	ng	# 1

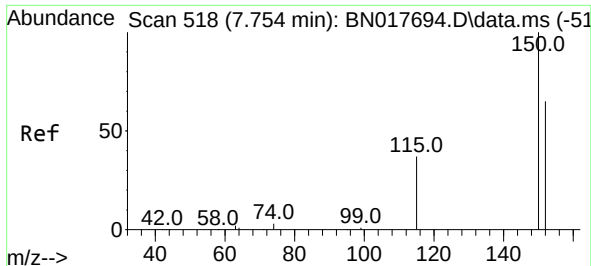
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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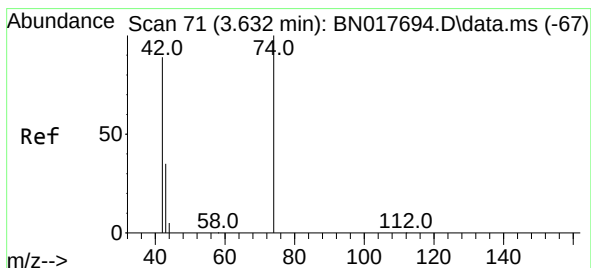
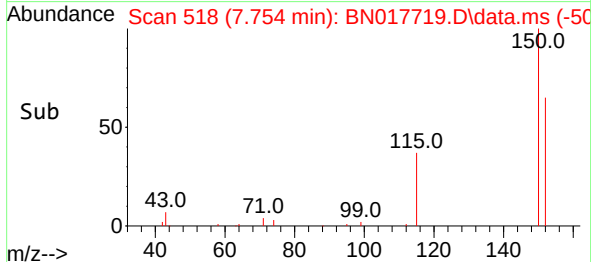
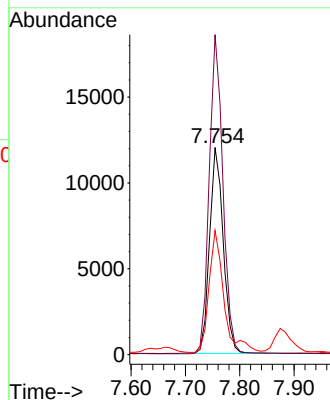
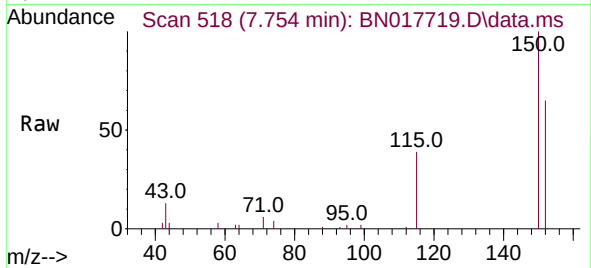




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.754 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN017719.D
Acq: 04 Dec 2021 09:29

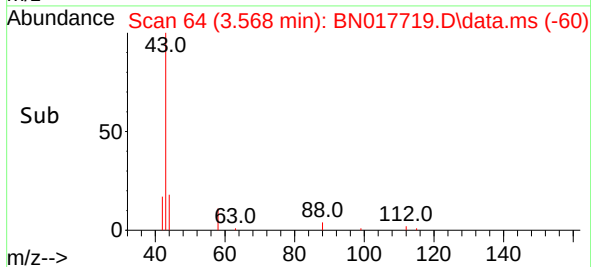
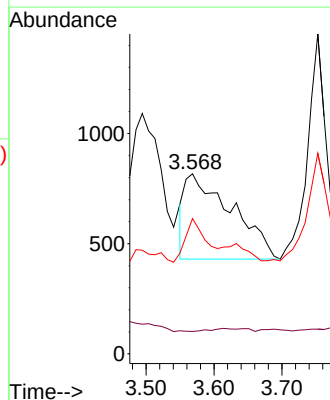
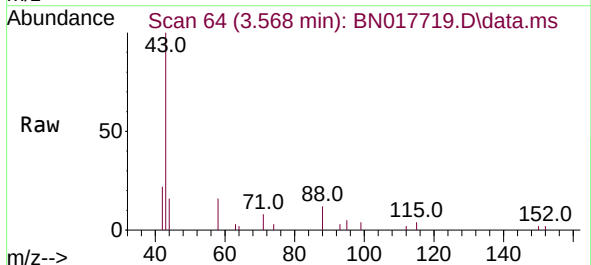
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BNA_N
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MW-32

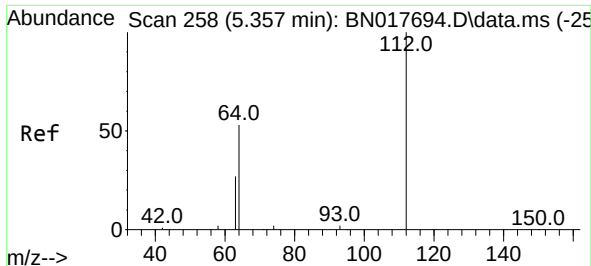
Tgt Ion:152 Resp: 21002
Ion Ratio Lower Upper
152 100
150 154.4 123.0 184.4
115 59.9 45.6 68.4



#3
n-Nitrosodimethylamine
Concen: 0.088 ng
RT: 3.568 min Scan# 64
Delta R.T. -0.064 min
Lab File: BN017719.D
Acq: 04 Dec 2021 09:29

Tgt Ion: 42 Resp: 1849
Ion Ratio Lower Upper
42 100
74 0.0 97.8 146.6#
44 13.7 5.5 8.3#

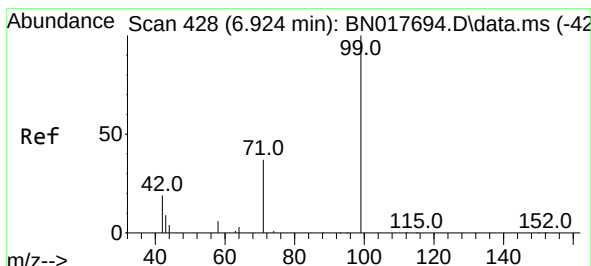
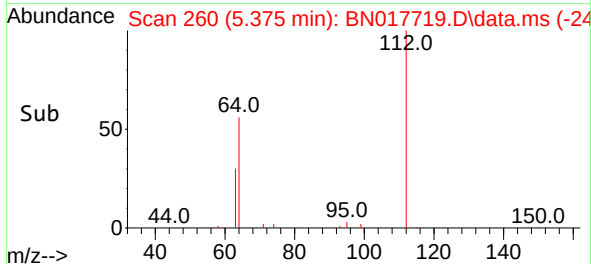
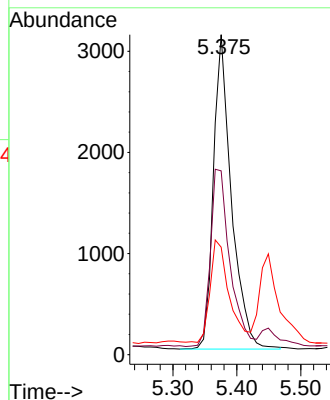
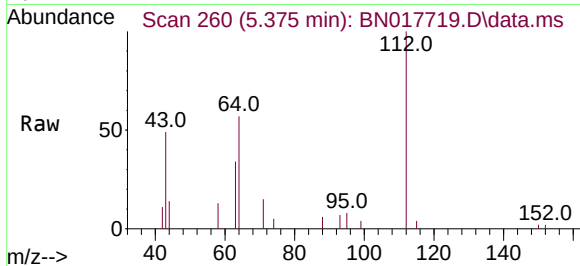




#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.375 min Scan# 21
Delta R.T. 0.019 min
Lab File: BN017719.D
Acq: 04 Dec 2021 09:29

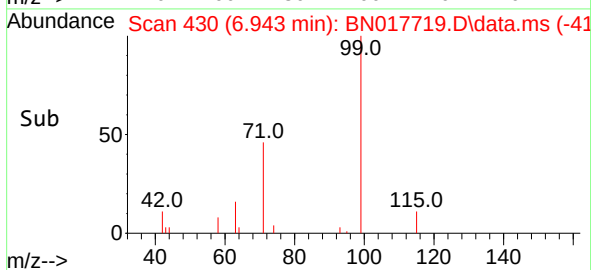
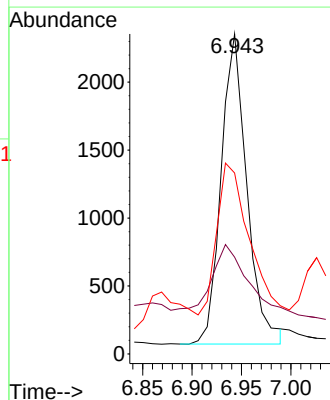
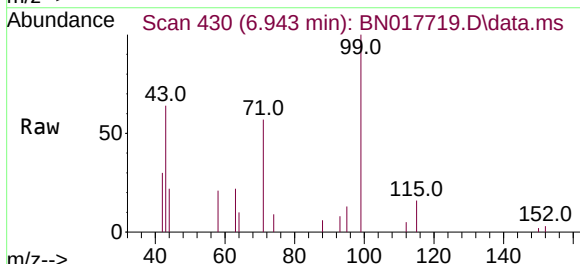
Instrument :
BNA_N
ClientSampleId :
MW-32

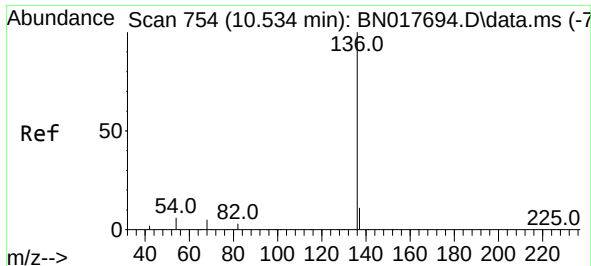
Tgt Ion:112 Resp: 6078
Ion Ratio Lower Upper
112 100
64 61.4 47.6 71.4
63 34.2 24.6 37.0



#5
Phenol-d6
Concen: 0.082 ng
RT: 6.943 min Scan# 430
Delta R.T. 0.019 min
Lab File: BN017719.D
Acq: 04 Dec 2021 09:29

Tgt Ion: 99 Resp: 4127
Ion Ratio Lower Upper
99 100
42 24.6 17.0 25.6
71 62.3 24.8 37.2#

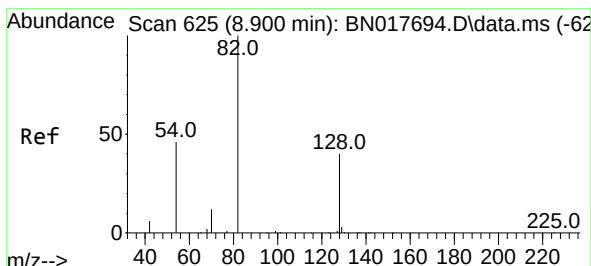
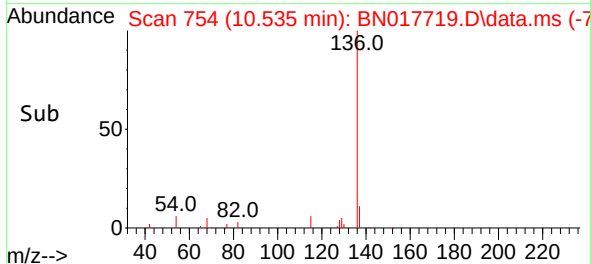
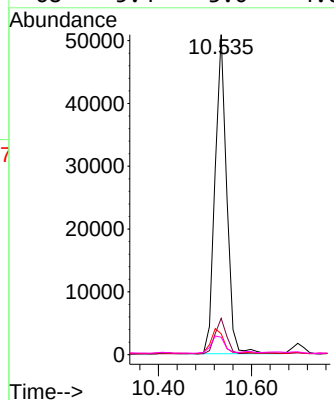
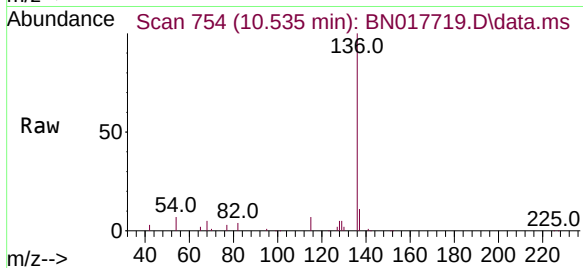




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.535 min Scan# 754
Delta R.T. 0.000 min
Lab File: BN017719.D
Acq: 04 Dec 2021 09:29

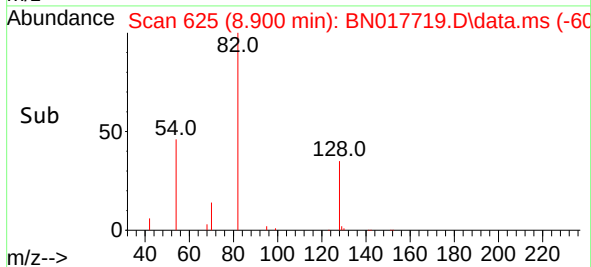
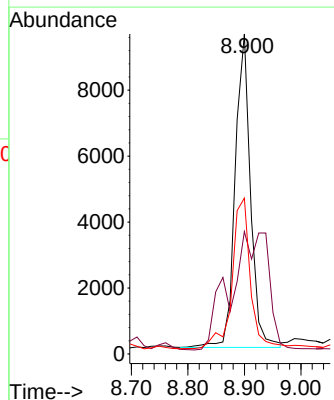
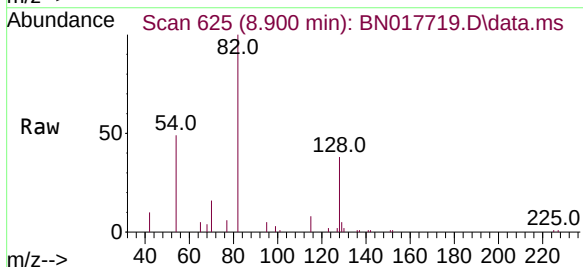
Instrument :
BNA_N
ClientSampleId :
MW-32

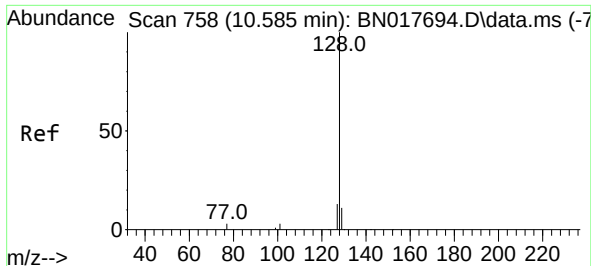
Tgt Ion: 136 Resp: 87816
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 6.6 4.0 6.0#
68 5.4 3.0 4.6#



#8
Nitrobenzene-d5
Concen: 0.422 ng
RT: 8.900 min Scan# 625
Delta R.T. -0.000 min
Lab File: BN017719.D
Acq: 04 Dec 2021 09:29

Tgt Ion: 82 Resp: 17936
Ion Ratio Lower Upper
82 100
128 38.3 27.7 41.5
54 48.7 49.2 73.8#

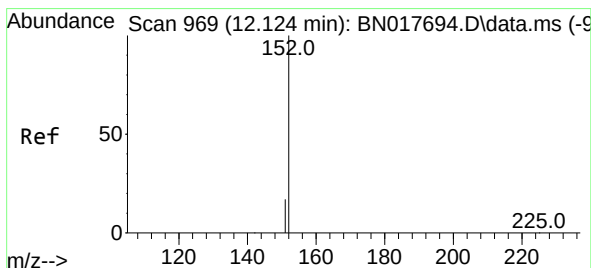
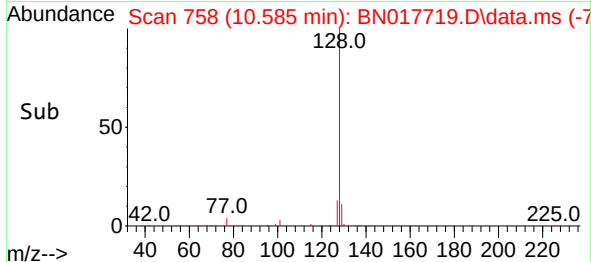
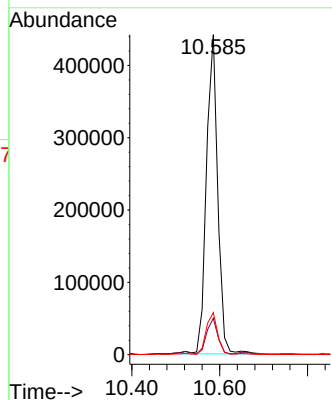
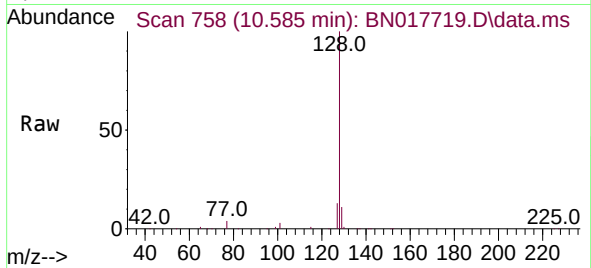




#9
Naphthalene
Concen: 3.504 ng
RT: 10.585 min Scan# 758
Delta R.T. 0.000 min
Lab File: BN017719.D
Acq: 04 Dec 2021 09:29

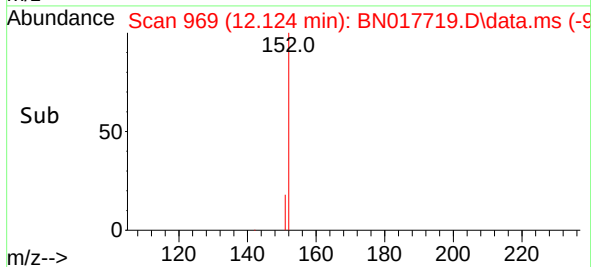
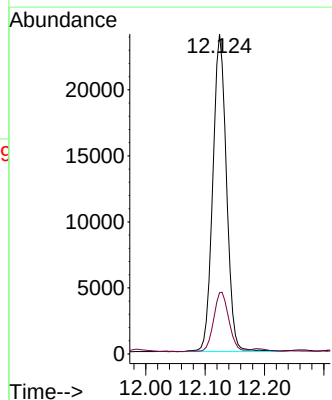
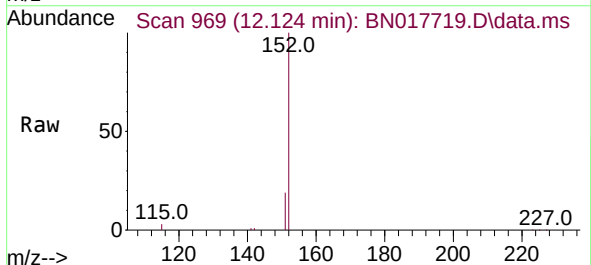
Instrument :
BNA_N
ClientSampleId :
MW-32

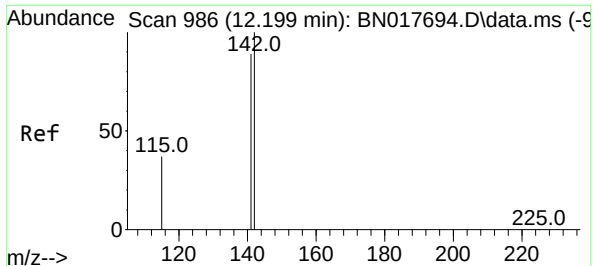
Tgt Ion:128 Resp: 784709
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.2 10.6 15.8



#11
2-Methylnaphthalene-d10
Concen: 0.248 ng
RT: 12.124 min Scan# 969
Delta R.T. 0.000 min
Lab File: BN017719.D
Acq: 04 Dec 2021 09:29

Tgt Ion:152 Resp: 38461
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.4





#12

2-Methylnaphthalene

Concen: 0.238 ng

RT: 12.200 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN017719.D

Acq: 04 Dec 2021 09:29

Instrument :

BNA_N

ClientSampleId :

MW-32

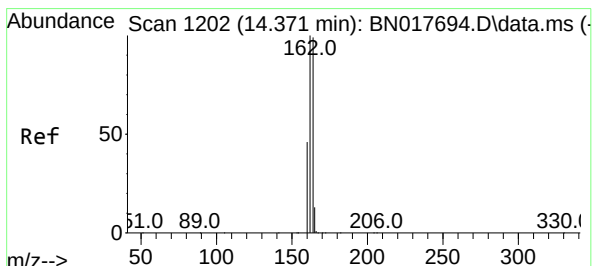
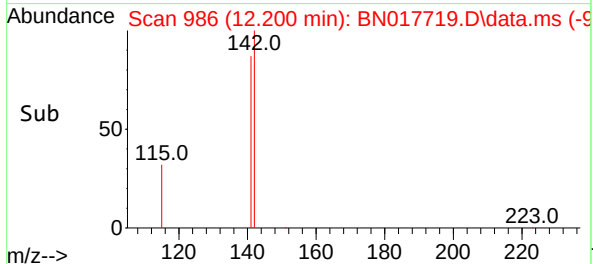
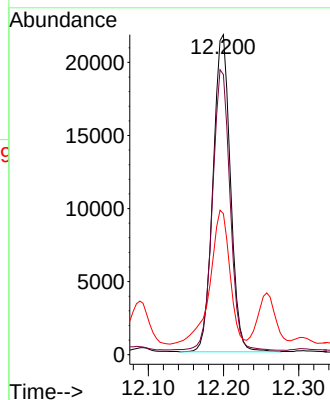
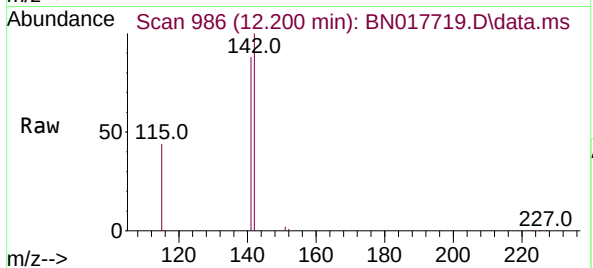
Tgt Ion:142 Resp: 34805

Ion Ratio Lower Upper

142 100

141 87.5 70.6 106.0

115 44.0 25.8 38.6#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.372 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BN017719.D

Acq: 04 Dec 2021 09:29

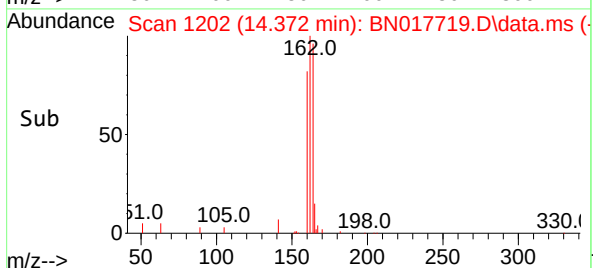
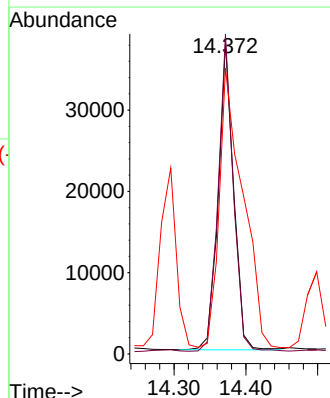
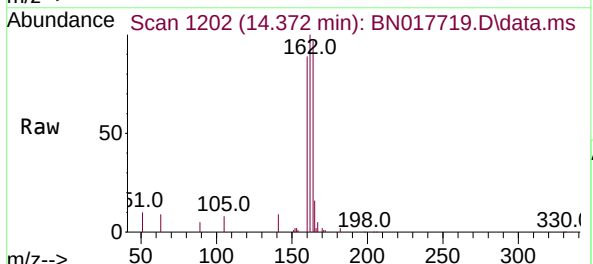
Tgt Ion:164 Resp: 56078

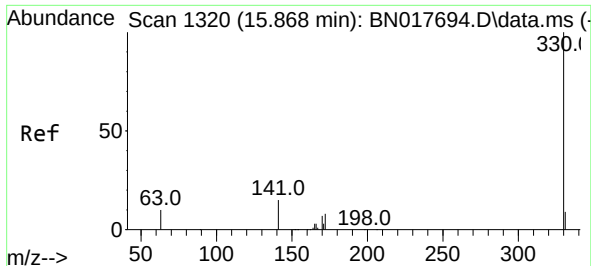
Ion Ratio Lower Upper

164 100

162 102.7 81.4 122.2

160 91.7 36.8 55.2#

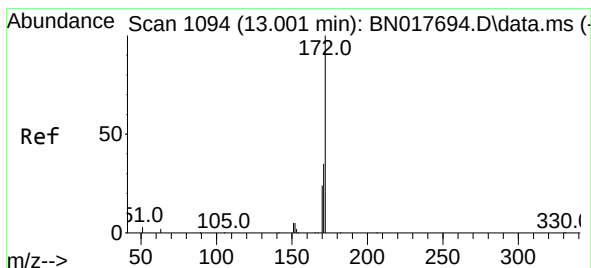
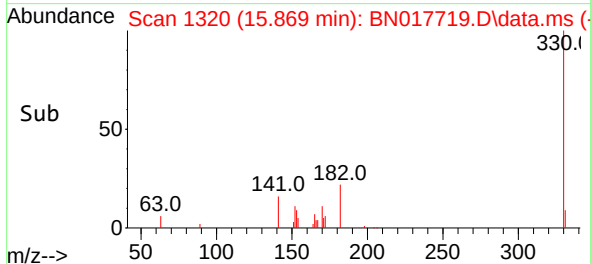
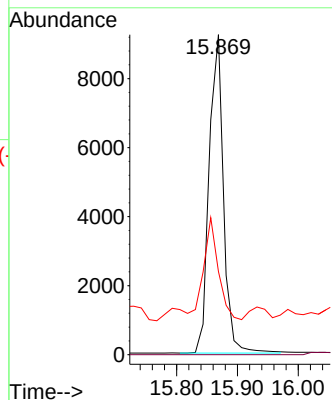
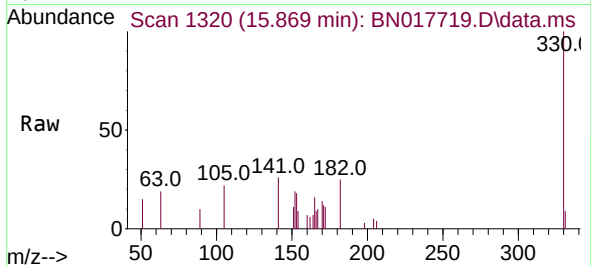




#14
2,4,6-Tribromophenol
Concen: 0.559 ng
RT: 15.869 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN017719.D
Acq: 04 Dec 2021 09:29

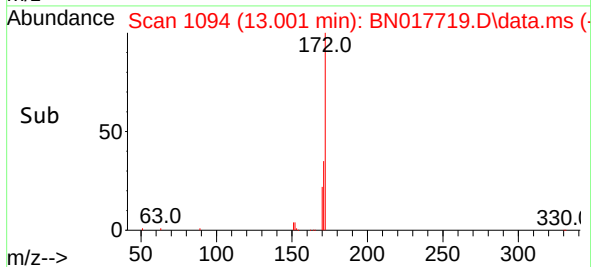
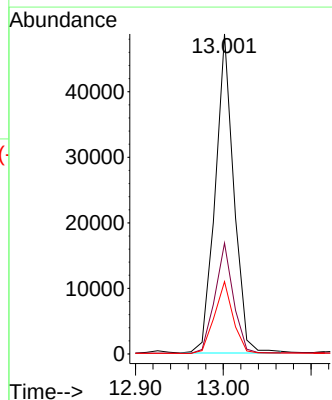
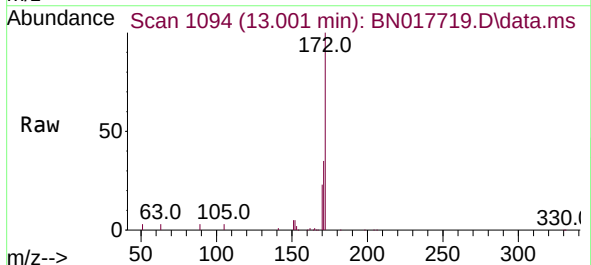
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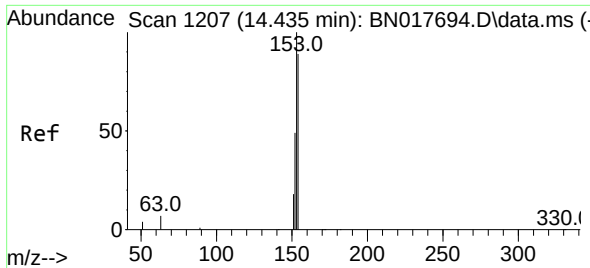
Tgt Ion:330 Resp: 15155
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.7 28.9 43.3



#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 13.001 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN017719.D
Acq: 04 Dec 2021 09:29

Tgt Ion:172 Resp: 71641
Ion Ratio Lower Upper
172 100
171 34.7 28.7 43.1
170 22.6 19.4 29.2

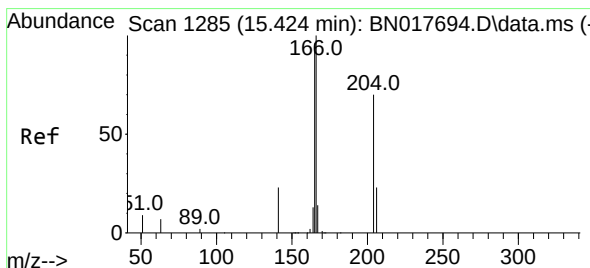
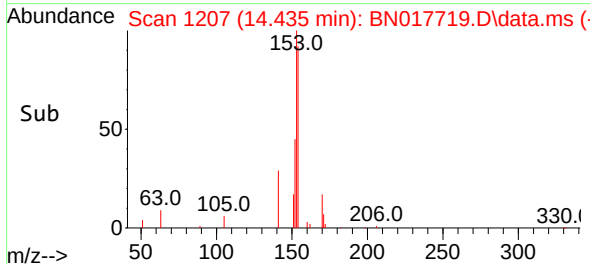
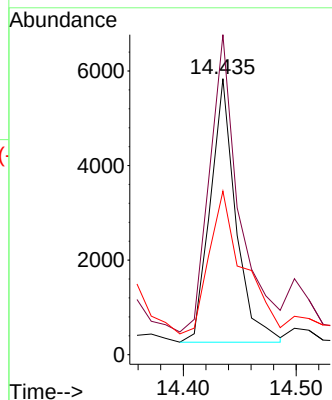
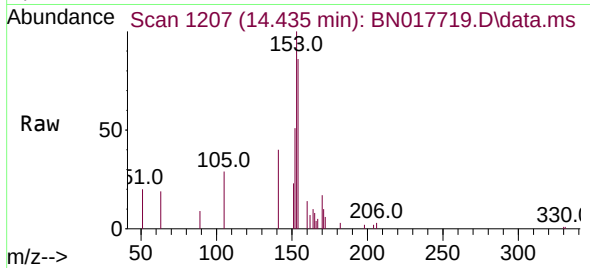




#17
Acenaphthene
Concen: 0.060 ng
RT: 14.435 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017719.D
Acq: 04 Dec 2021 09:29

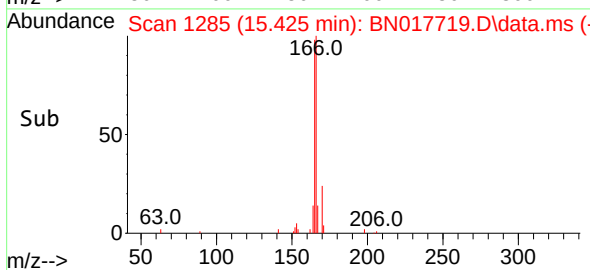
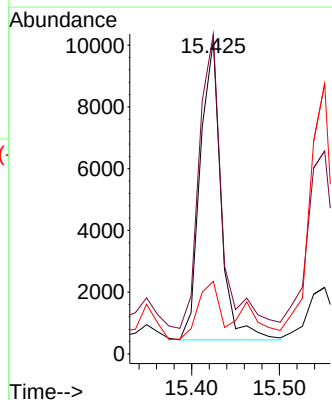
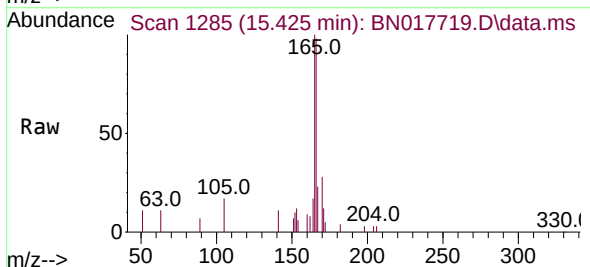
Instrument :
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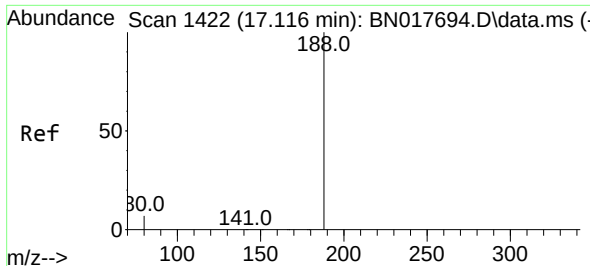
Tgt Ion:154 Resp: 8776
Ion Ratio Lower Upper
154 100
153 129.4 91.2 136.8
152 82.8 44.3 66.5#



#18
Fluorene
Concen: 0.088 ng
RT: 15.425 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BN017719.D
Acq: 04 Dec 2021 09:29

Tgt Ion:166 Resp: 15992
Ion Ratio Lower Upper
166 100
165 107.0 77.9 116.9
167 22.7 10.9 16.3#

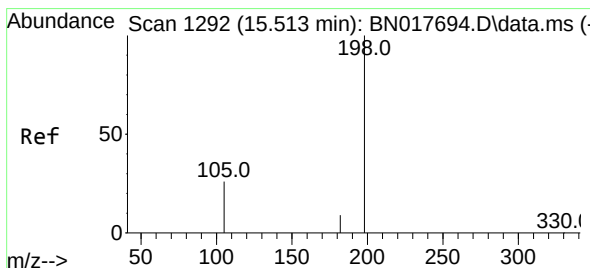
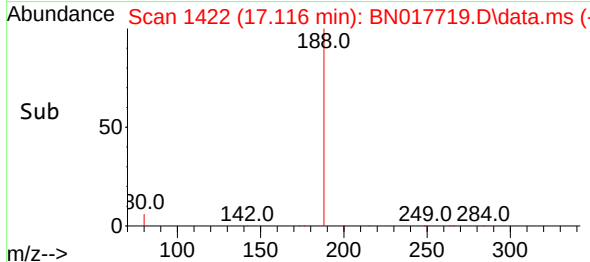
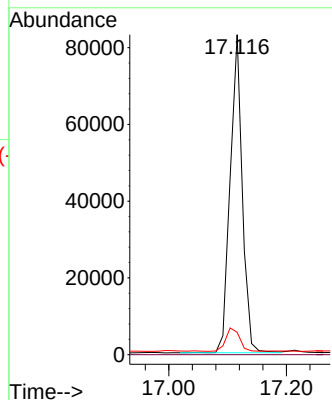
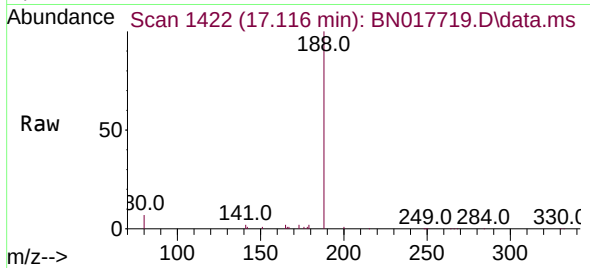




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.116 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN017719.D
Acq: 04 Dec 2021 09:29

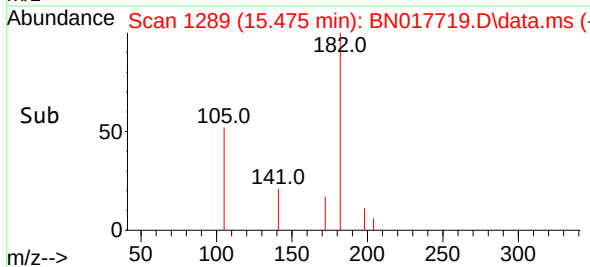
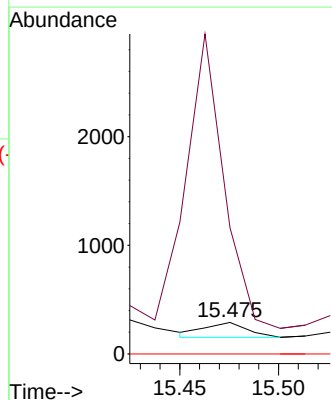
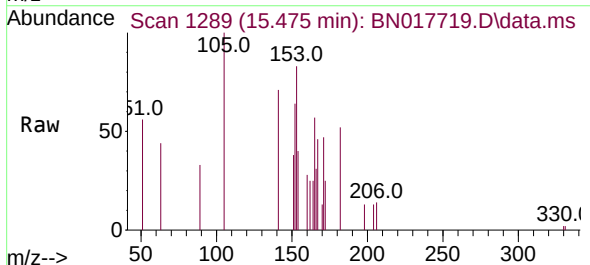
Instrument :
BNA_N
ClientSampleId :
MW-32

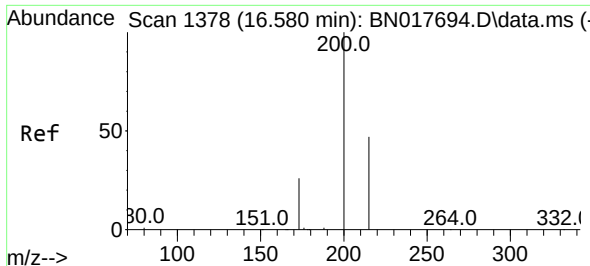
Tgt Ion:188 Resp: 119450
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.0 6.1 9.1



#20
4,6-Dinitro-2-methylphenol
Concen: 0.267 ng
RT: 15.475 min Scan# 1289
Delta R.T. -0.038 min
Lab File: BN017719.D
Acq: 04 Dec 2021 09:29

Tgt Ion:198 Resp: 202
Ion Ratio Lower Upper
198 100
182 399.7 11.4 17.2#
77 0.0 0.0 0.0

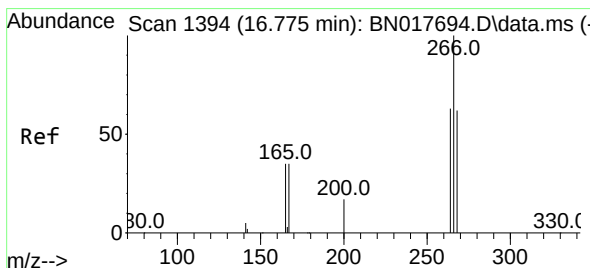
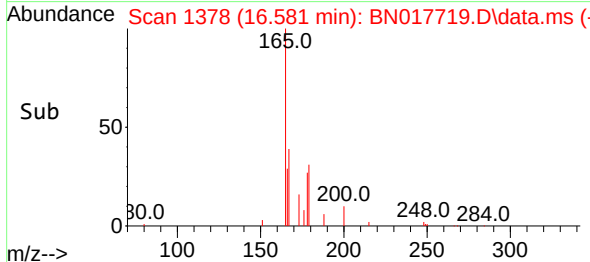
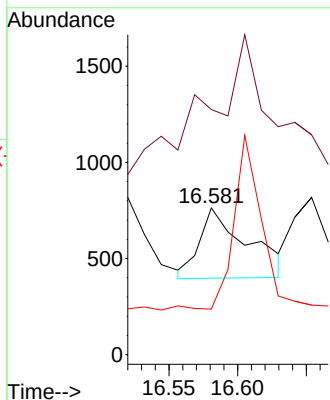
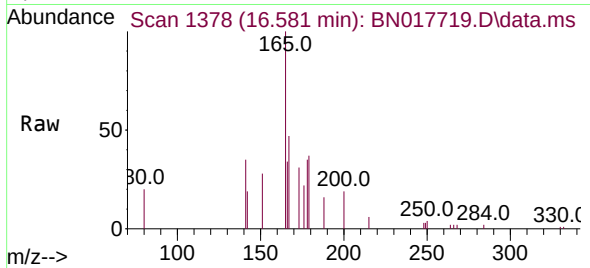




#23
 Atrazine
 Concen: 0.112 ng
 RT: 16.581 min Scan# 1378
 Delta R.T. 0.001 min
 Lab File: BN017719.D
 Acq: 04 Dec 2021 09:29

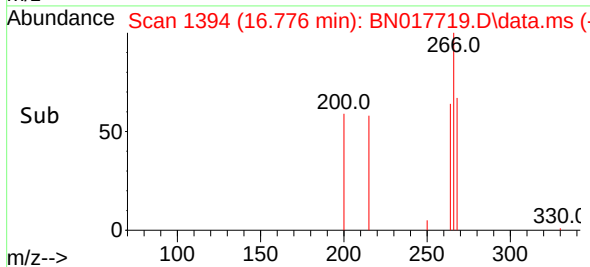
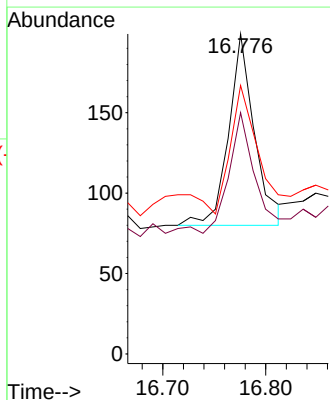
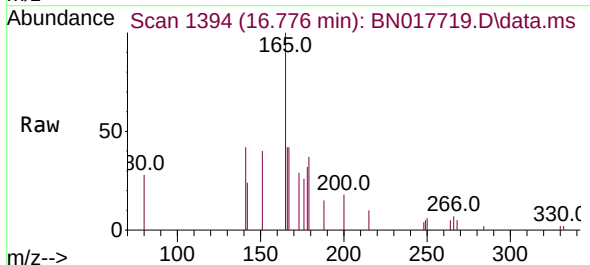
Instrument :
 BNA_N
 ClientSampleId :
 MW-32

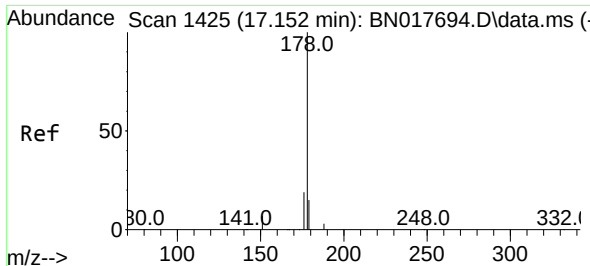
Tgt Ion:200 Resp: 882
 Ion Ratio Lower Upper
 200 100
 173 167.1 17.6 26.4#
 215 31.1 40.2 60.4#



#24
 Pentachlorophenol
 Concen: 0.288 ng
 RT: 16.776 min Scan# 1394
 Delta R.T. 0.001 min
 Lab File: BN017719.D
 Acq: 04 Dec 2021 09:29

Tgt Ion:266 Resp: 208
 Ion Ratio Lower Upper
 266 100
 264 58.2 49.8 74.8
 268 73.6 51.3 76.9

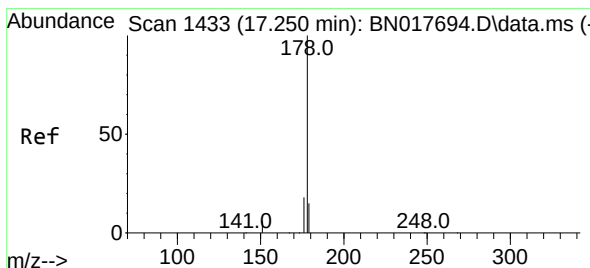
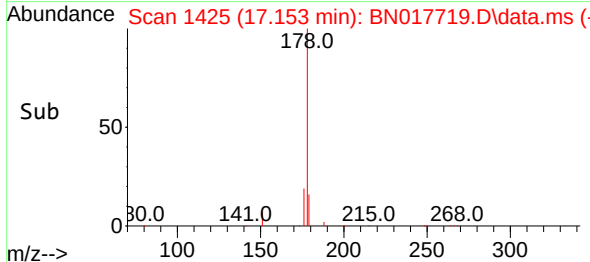
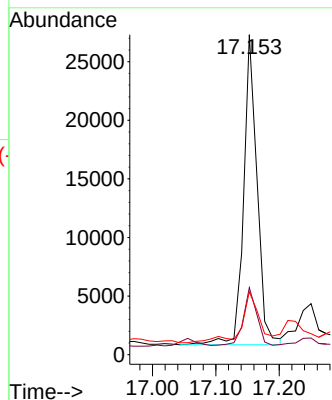
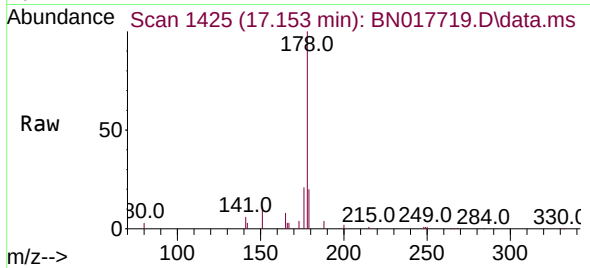




#25
Phenanthrene
Concen: 0.123 ng
RT: 17.153 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN017719.D
Acq: 04 Dec 2021 09:29

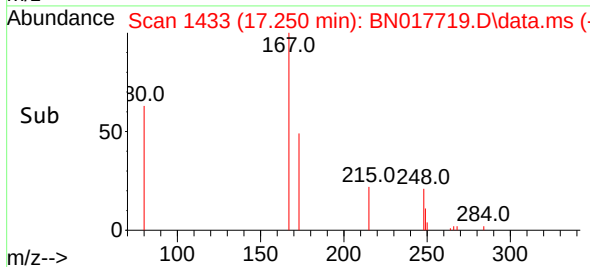
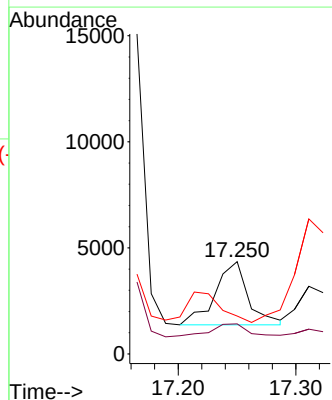
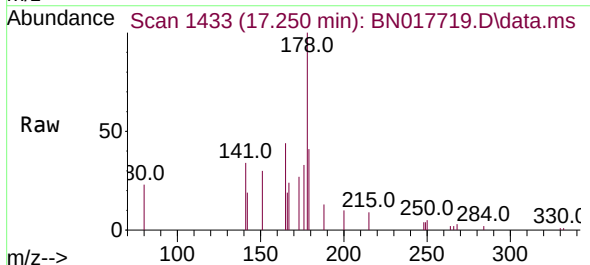
Instrument :
BNA_N
ClientSampleId :
MW-32

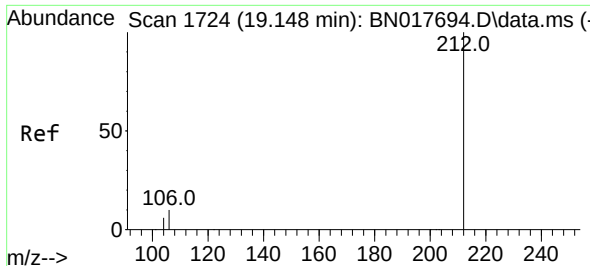
Tgt Ion:178 Resp: 39112
Ion Ratio Lower Upper
178 100
176 18.1 15.0 22.6
179 21.6 12.3 18.5#



#26
Anthracene
Concen: 0.021 ng
RT: 17.250 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BN017719.D
Acq: 04 Dec 2021 09:29

Tgt Ion:178 Resp: 5861
Ion Ratio Lower Upper
178 100
176 19.0 14.6 22.0
179 0.0 12.2 18.4#

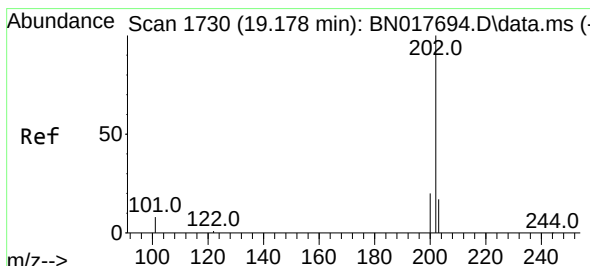
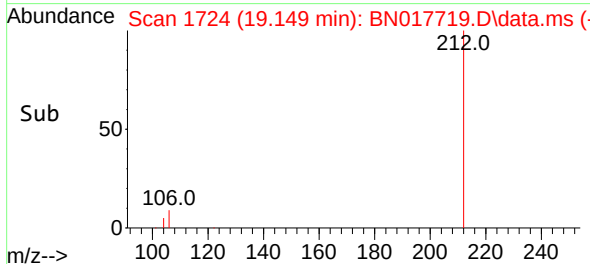
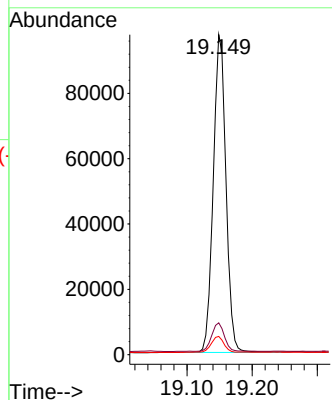
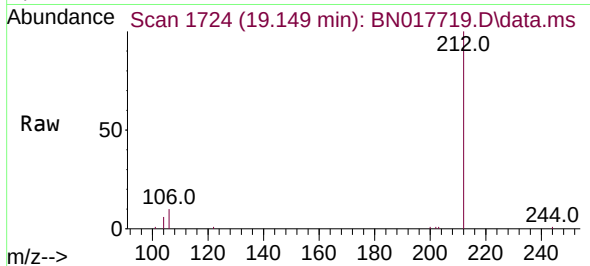




#27
Fluoranthene-d10
Concen: 0.338 ng
RT: 19.149 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BN017719.D
Acq: 04 Dec 2021 09:29

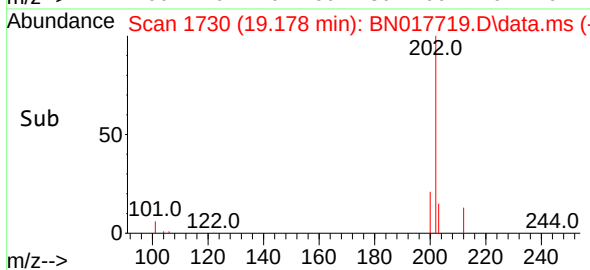
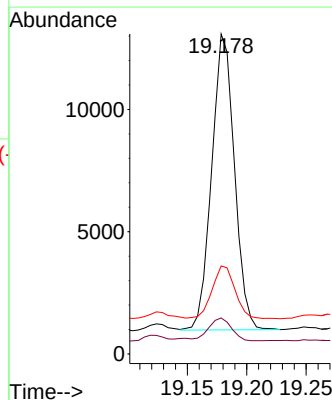
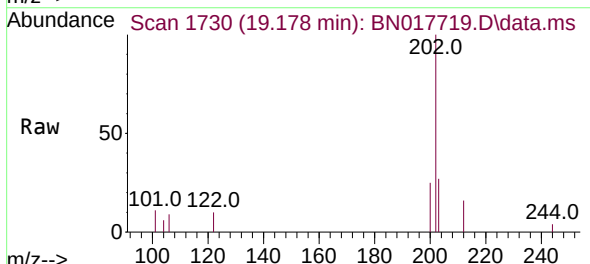
Instrument :
BNA_N
ClientSampleId :
MW-32

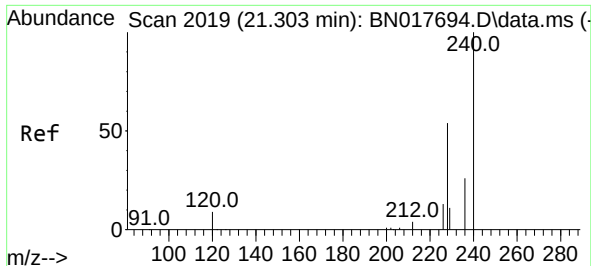
Tgt Ion:212 Resp: 131901
Ion Ratio Lower Upper
212 100
106 8.9 10.5 15.7#
104 5.2 5.8 8.6#



#28
Fluoranthene
Concen: 0.043 ng
RT: 19.178 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BN017719.D
Acq: 04 Dec 2021 09:29

Tgt Ion:202 Resp: 16121
Ion Ratio Lower Upper
202 100
101 8.2 8.9 13.3#
203 18.0 13.8 20.6

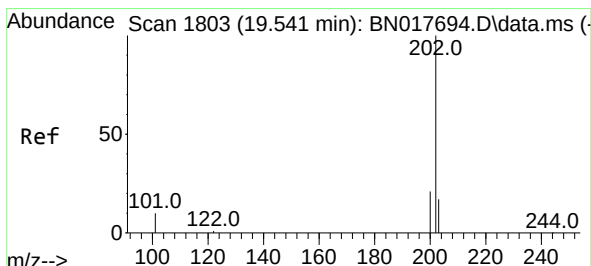
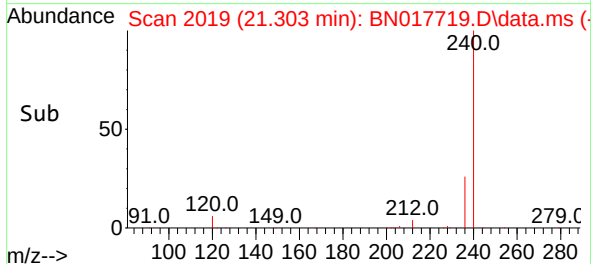
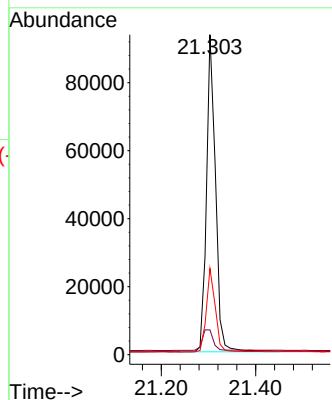
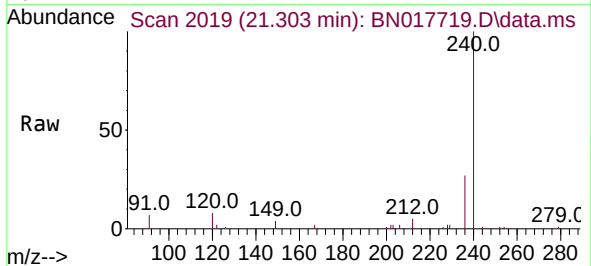




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BN017719.D
Acq: 04 Dec 2021 09:29

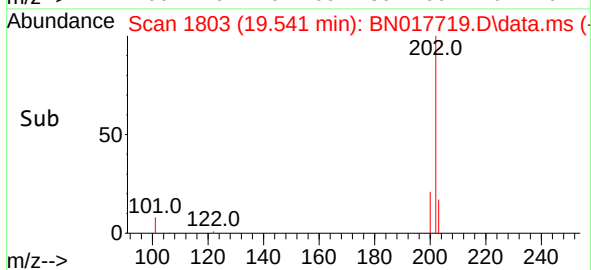
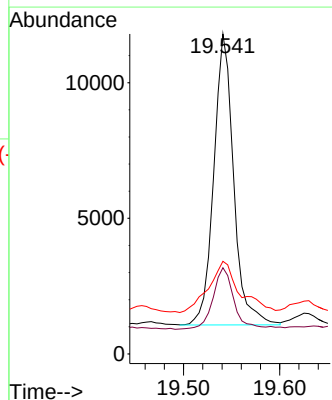
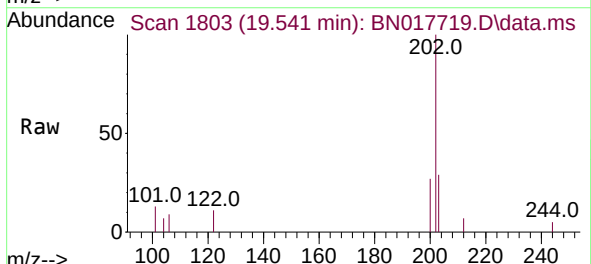
Instrument :
BNA_N
ClientSampleId :
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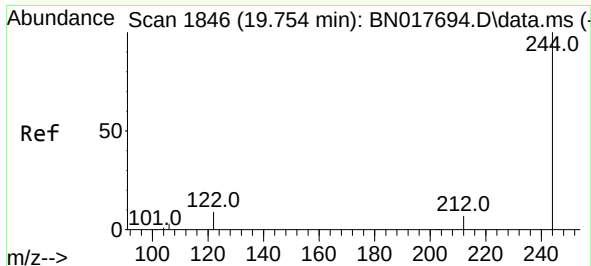
Tgt Ion:240 Resp: 123873
Ion Ratio Lower Upper
240 100
120 7.7 4.2 6.2#
236 27.0 20.0 30.0



#30
Pyrene
Concen: 0.039 ng
RT: 19.541 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BN017719.D
Acq: 04 Dec 2021 09:29

Tgt Ion:202 Resp: 15431
Ion Ratio Lower Upper
202 100
200 22.0 16.5 24.7
203 27.3 14.0 21.0#

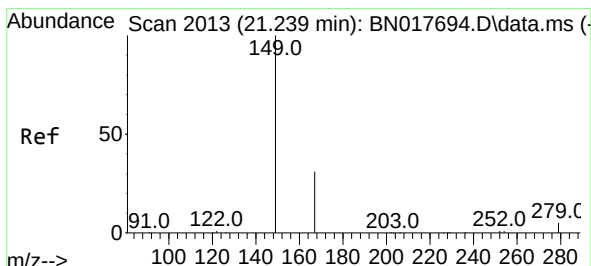
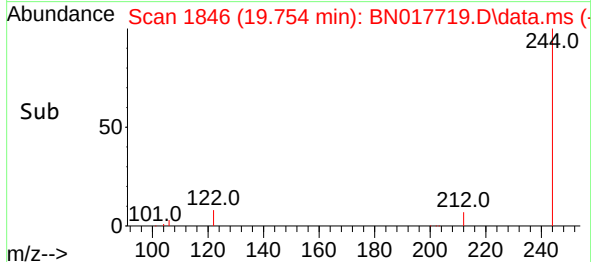
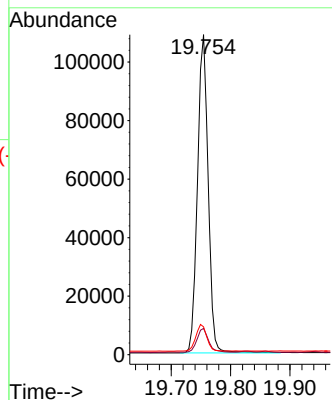
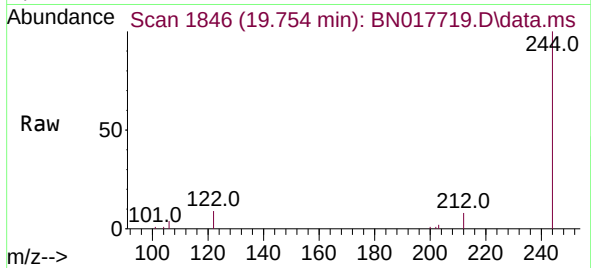




#31
 Terphenyl-d14
 Concen: 0.493 ng
 RT: 19.754 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN017719.D
 Acq: 04 Dec 2021 09:29

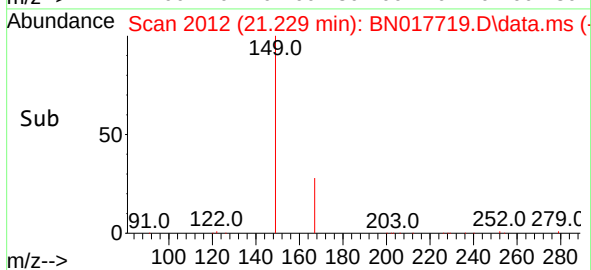
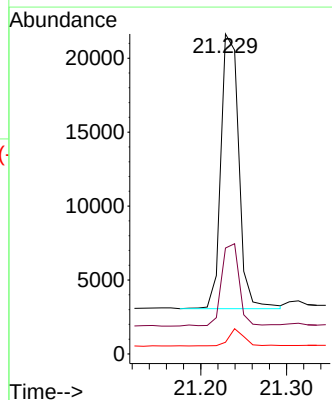
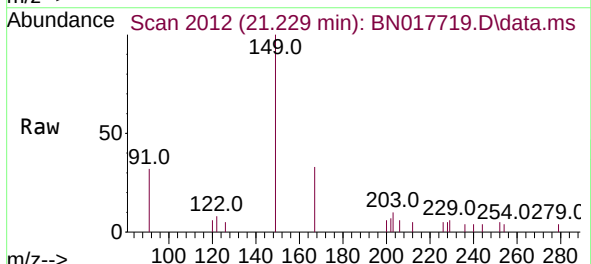
Instrument :
 BNA_N
 ClientSampleId :
 MW-32

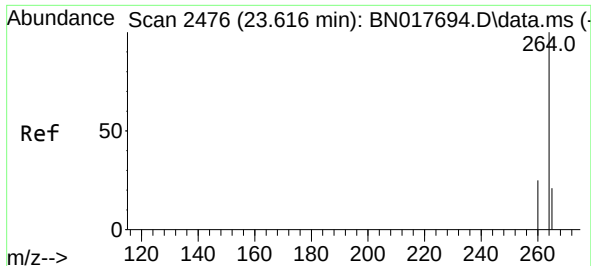
Tgt Ion:244 Resp: 135468
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.7 8.5
 122 8.7 8.6 13.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.229 ng
 RT: 21.229 min Scan# 2012
 Delta R.T. -0.010 min
 Lab File: BN017719.D
 Acq: 04 Dec 2021 09:29

Tgt Ion:149 Resp: 26903
 Ion Ratio Lower Upper
 149 100
 167 29.7 21.8 32.6
 279 5.4 3.4 5.0#

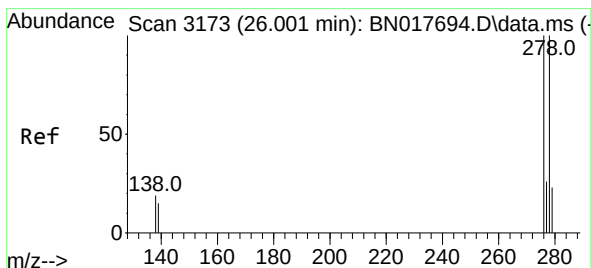
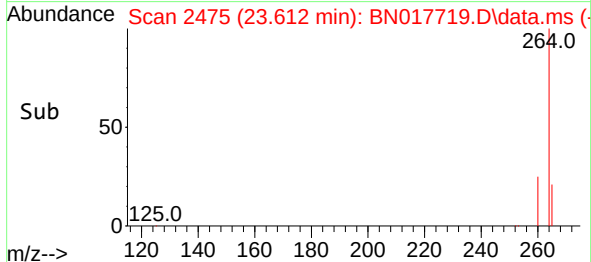
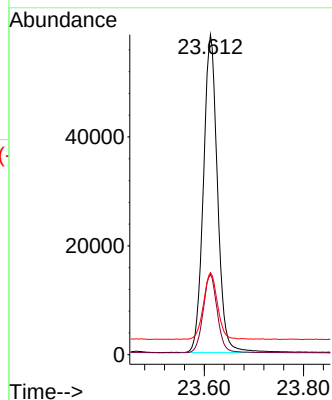
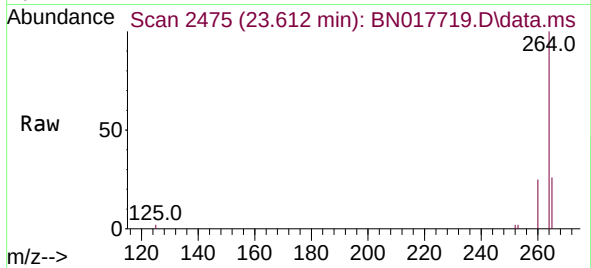




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.612 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BN017719.D
Acq: 04 Dec 2021 09:29

Instrument :
BNA_N
ClientSampleId :
MW-32

Tgt Ion:264 Resp: 115096
Ion Ratio Lower Upper
264 100
260 25.0 19.4 29.2
265 25.7 18.6 28.0



#40
Dibenzo(a,h)anthracene
Concen: 0.085 ng
RT: 26.002 min Scan# 3173
Delta R.T. 0.001 min
Lab File: BN017719.D
Acq: 04 Dec 2021 09:29

Tgt Ion:278 Resp: 694
Ion Ratio Lower Upper
278 100
139 189.5 13.0 19.6#
279 114.3 19.2 28.8#

