

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
 Data File : BN017715.D
 Acq On : 04 Dec 2021 07:06
 Operator : CG/JU
 Sample : M4917-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-27

Quant Time: Dec 06 02:13:31 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)

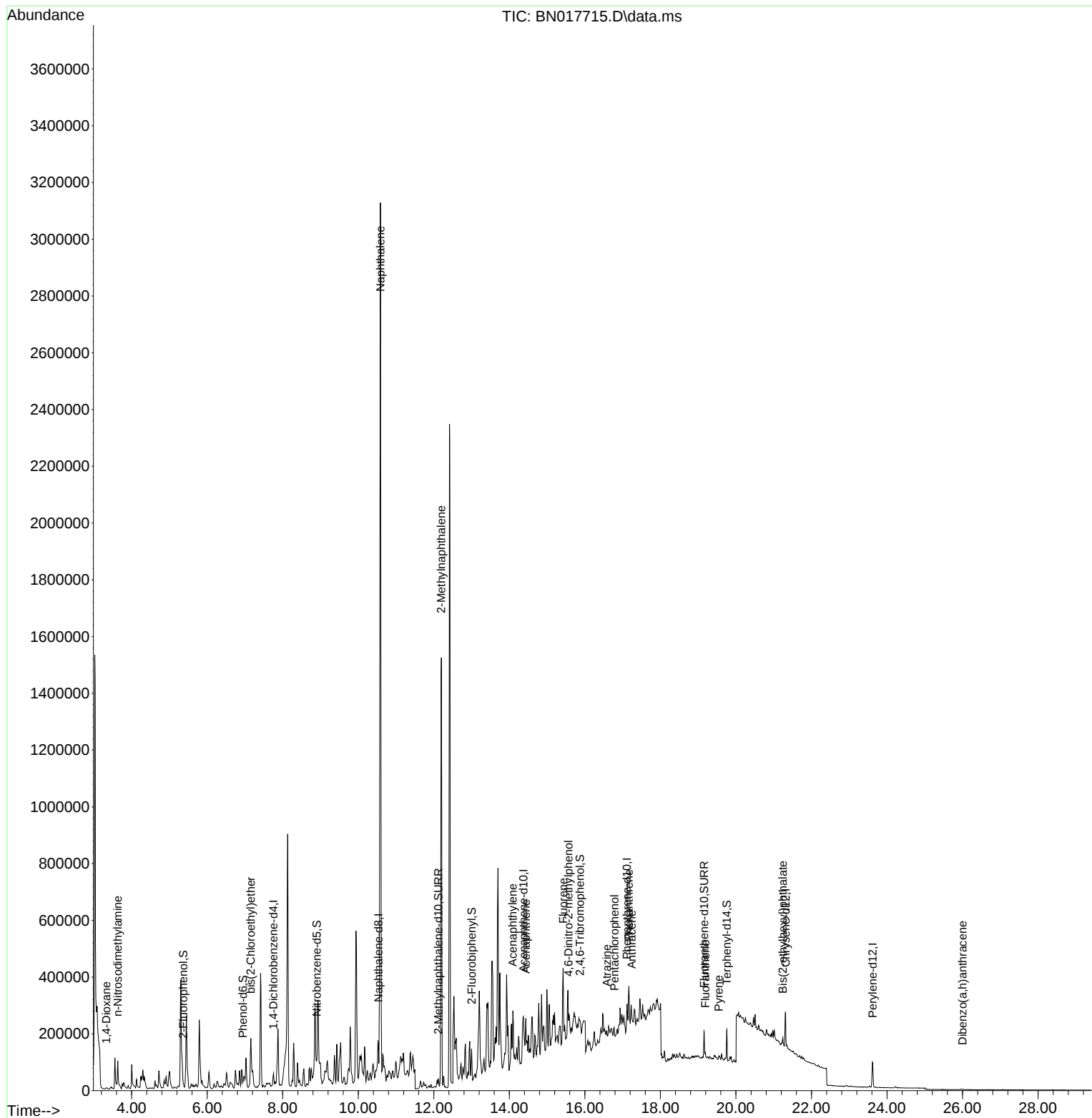
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	17987	0.400	ng	0.00
7) Naphthalene-d8	10.535	136	74856	0.400	ng	# 0.00
13) Acenaphthene-d10	14.372	164	91703	0.400	ng	# 0.00
19) Phenanthrene-d10	17.116	188	100167	0.400	ng	# 0.00
29) Chrysene-d12	21.314	240	140176	0.400	ng	# 0.01
35) Perylene-d12	23.616	264	117633	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.366	112	13188	0.311	ng	0.00
5) Phenol-d6	6.943	99	4337	0.100	ng	0.02
8) Nitrobenzene-d5	8.900	82	92578	2.557	ng	0.00
11) 2-Methylnaphthalene-d10	12.124	152	41002	0.310	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	13613	0.367	ng	0.00
15) 2-Fluorobiphenyl	13.002	172	79145	0.227	ng	0.00
27) Fluoranthene-d10	19.159	212	115415	0.353	ng	0.01
31) Terphenyl-d14	19.759	244	111735	0.359	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.329	88	571	0.043	ng	# 1
3) n-Nitrosodimethylamine	3.633	42	11869	0.659	ng	# 1
6) bis(2-Chloroethyl)ether	7.155	93	14071	0.305	ng	# 1
9) Naphthalene	10.586	128	3966162	20.779	ng	99
12) 2-Methylnaphthalene	12.200	142	1092382	8.763	ng	# 96
16) Acenaphthylene	14.093	152	27291	0.077	ng	# 1
17) Acenaphthene	14.435	154	61095	0.254	ng	# 75
18) Fluorene	15.425	166	105194	0.352	ng	# 93
20) 4,6-Dinitro-2-methylph...	15.564	198	10072	1.664	ng	# 1
23) Atrazine	16.581	200	4363	0.185	ng	# 1
24) Pentachlorophenol	16.788	266	1333	0.322	ng	94
25) Phenanthrene	17.165	178	126167	0.474	ng	# 80
26) Anthracene	17.238	178	18170	0.079	ng	# 1
28) Fluoranthene	19.189	202	20224	0.064	ng	# 77
30) Pyrene	19.546	202	15920	0.036	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.240	149	24025	0.180	ng	# 58
40) Dibenzo(a,h)anthracene	26.002	278	801	0.085	ng	# 1

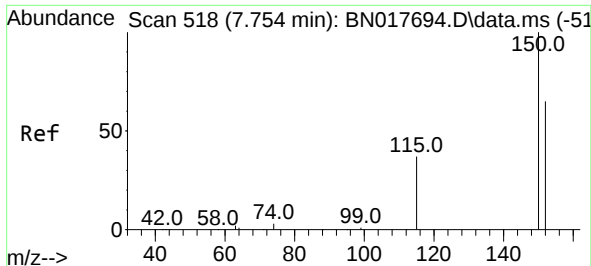
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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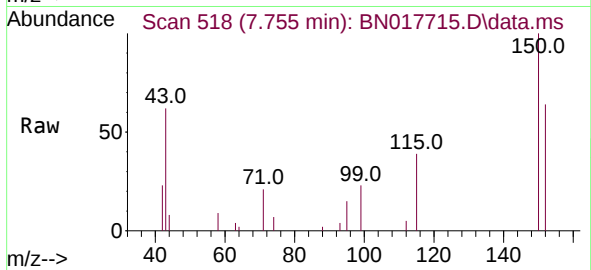
Quant Time: Dec 06 02:13:31 2021
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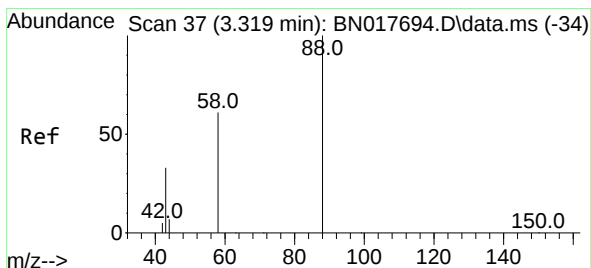
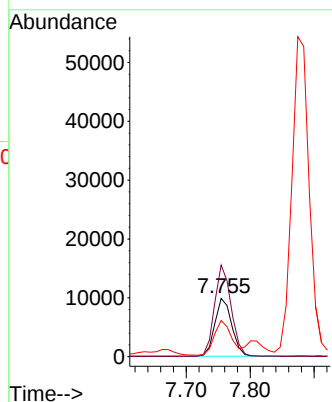
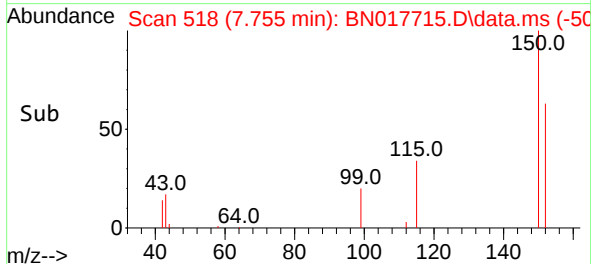


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.755 min Scan# 51
 Delta R.T. 0.001 min
 Lab File: BN017715.D
 Acq: 04 Dec 2021 07:06

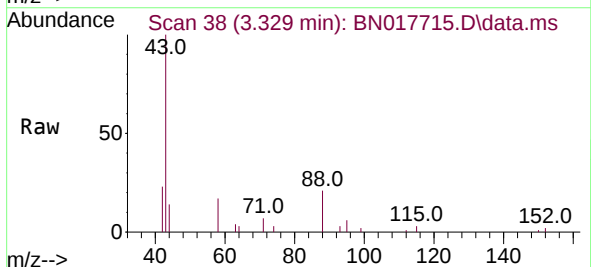
Instrument :
 BNA_N
 ClientSampleId :
 MW-27



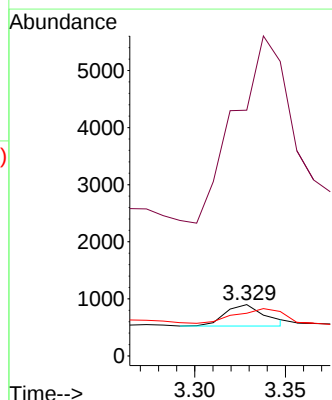
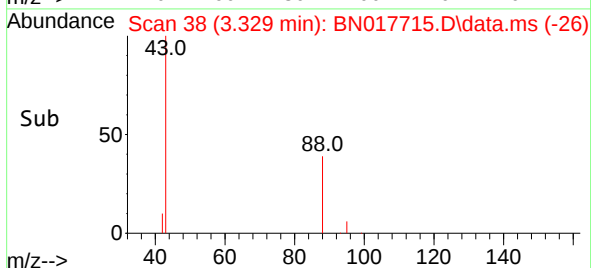
Tgt Ion: 152 Resp: 17987
 Ion Ratio Lower Upper
 152 100
 150 157.4 123.0 184.4
 115 62.2 45.6 68.4

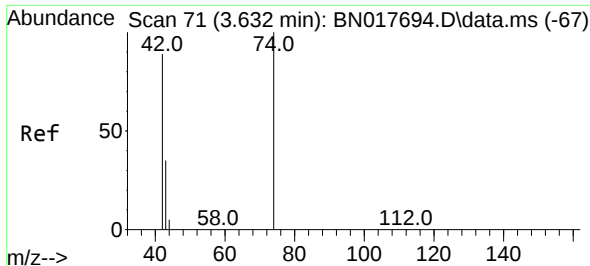


#2
 1,4-Dioxane
 Concen: 0.043 ng
 RT: 3.329 min Scan# 38
 Delta R.T. 0.010 min
 Lab File: BN017715.D
 Acq: 04 Dec 2021 07:06



Tgt Ion: 88 Resp: 571
 Ion Ratio Lower Upper
 88 100
 43 1017.5 24.7 37.1#
 58 78.1 63.0 94.6

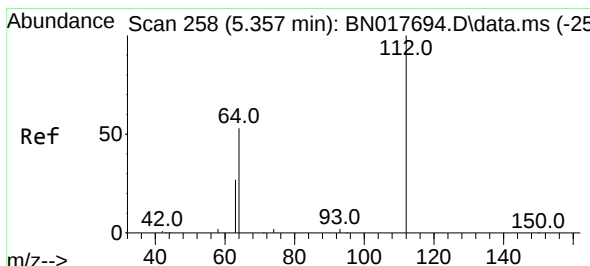
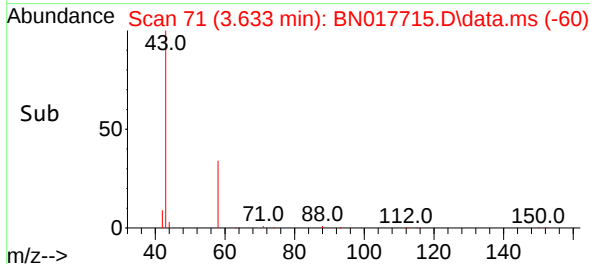
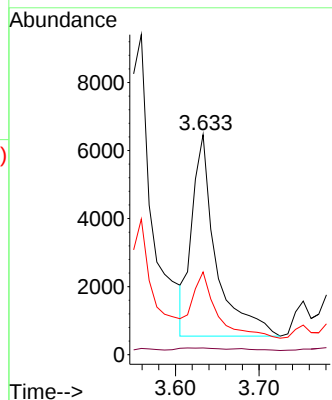
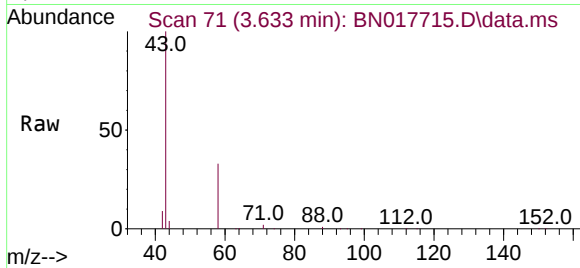




#3
 n-Nitrosodimethylamine
 Concen: 0.659 ng
 RT: 3.633 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BN017715.D
 Acq: 04 Dec 2021 07:06

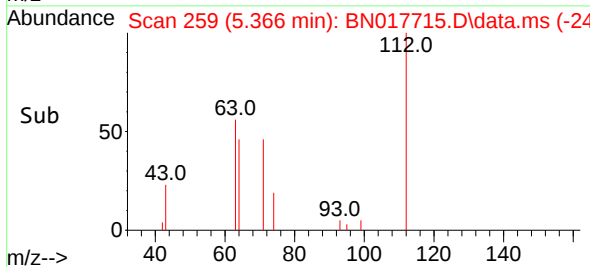
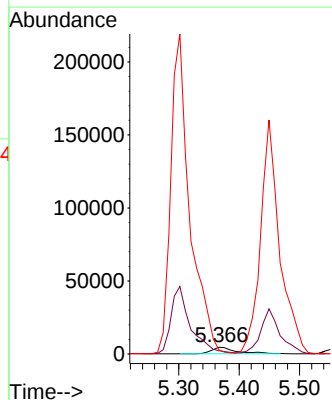
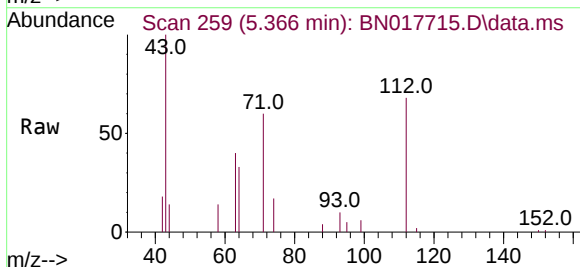
Instrument :
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 ClientSampleId :
 MW-27

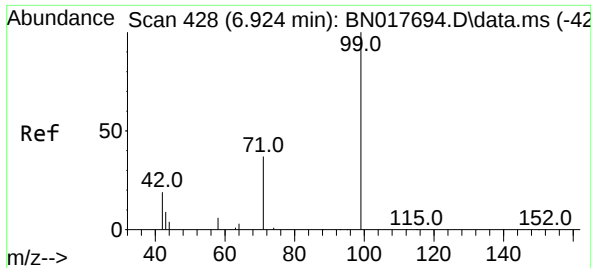
Tgt Ion: 42 Resp: 11869
 Ion Ratio Lower Upper
 42 100
 74 1.6 97.8 146.6#
 44 33.9 5.5 8.3#



#4
 2-Fluorophenol
 Concen: 0.311 ng
 RT: 5.366 min Scan# 259
 Delta R.T. 0.010 min
 Lab File: BN017715.D
 Acq: 04 Dec 2021 07:06

Tgt Ion: 112 Resp: 13188
 Ion Ratio Lower Upper
 112 100
 64 0.0 47.6 71.4#
 63 0.0 24.6 37.0#





#5

Phenol-d6

Concen: 0.100 ng

RT: 6.943 min Scan# 41

Delta R.T. 0.019 min

Lab File: BN017715.D

Acq: 04 Dec 2021 07:06

Instrument :

BNA_N

ClientSampleId :

MW-27

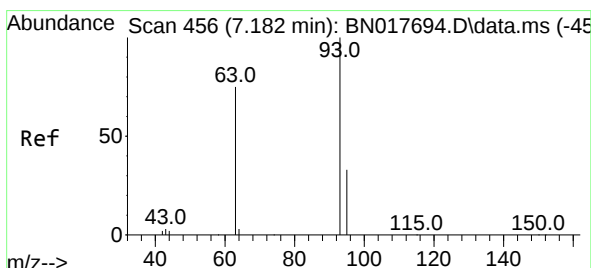
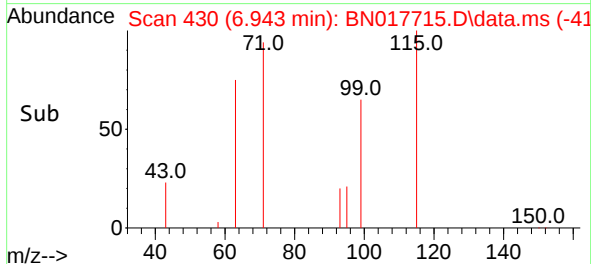
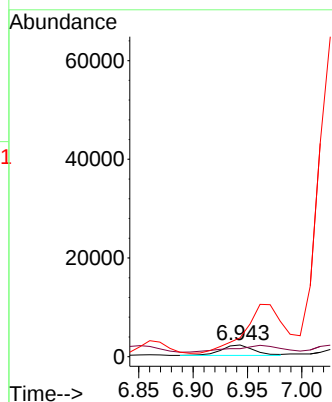
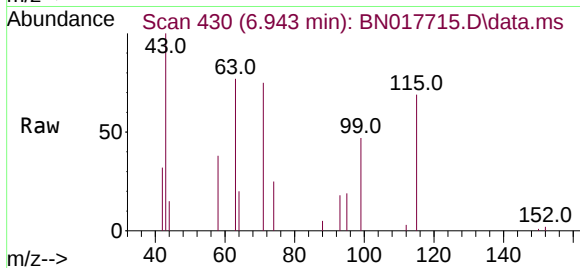
Tgt Ion: 99 Resp: 4337

Ion Ratio Lower Upper

99 100

42 93.9 17.0 25.6#

71 556.8 24.8 37.2#



#6

bis(2-Chloroethyl)ether

Concen: 0.305 ng

RT: 7.155 min Scan# 453

Delta R.T. -0.027 min

Lab File: BN017715.D

Acq: 04 Dec 2021 07:06

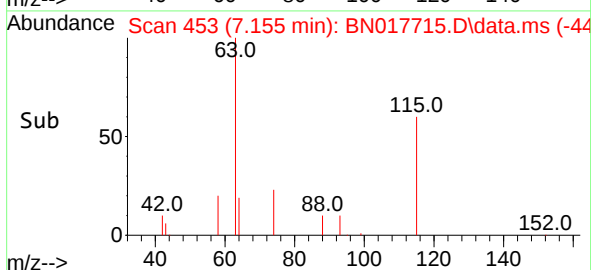
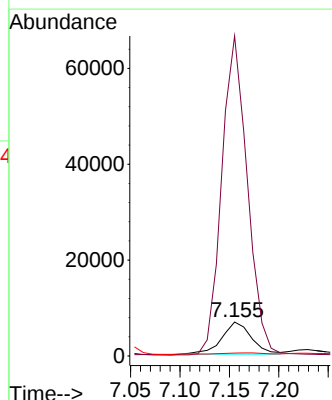
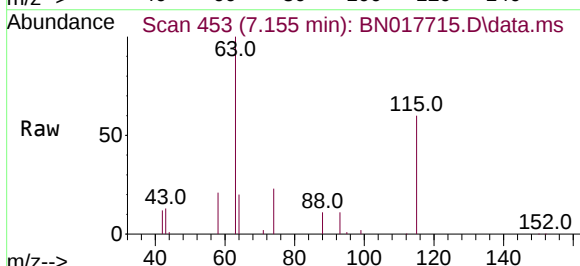
Tgt Ion: 93 Resp: 14071

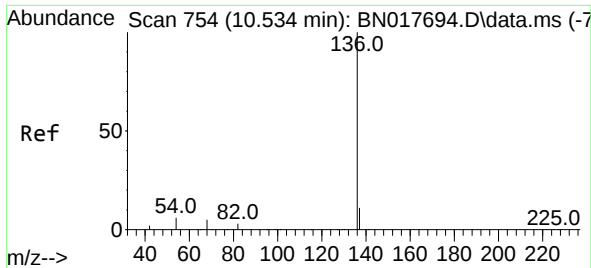
Ion Ratio Lower Upper

93 100

63 854.7 65.8 98.6#

95 4.0 26.6 39.8#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.535 min Scan# 754
Delta R.T. 0.000 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06

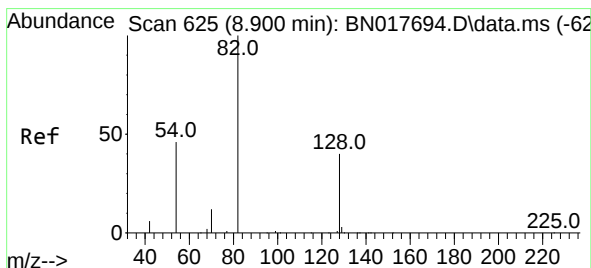
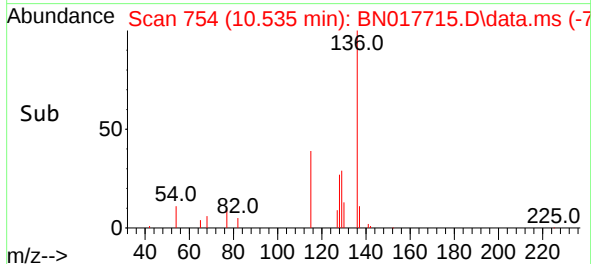
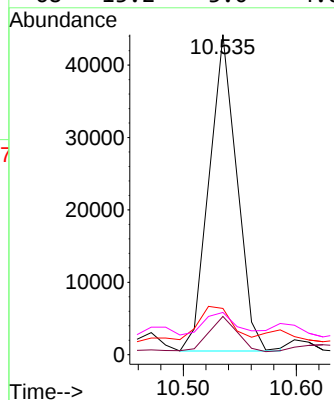
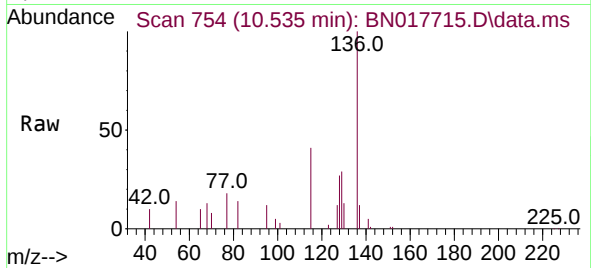
Instrument :

BNA_N

ClientSampleId :

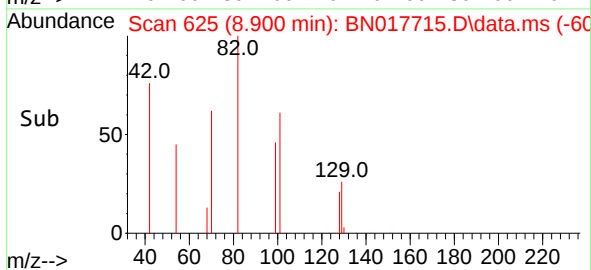
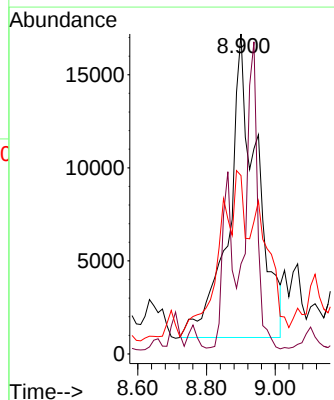
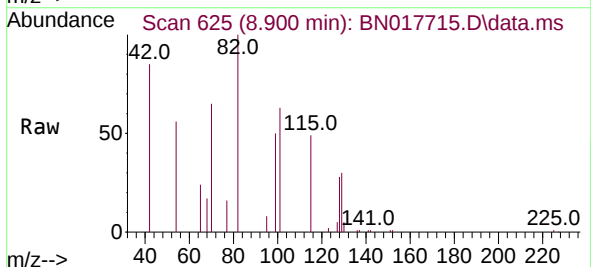
MW-27

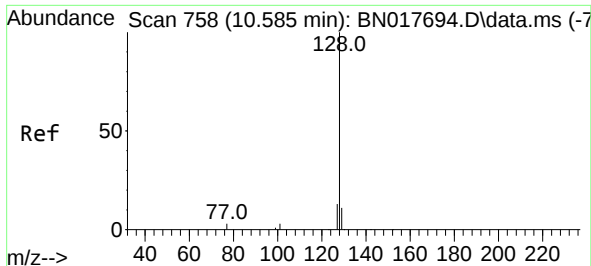
Tgt Ion:136 Resp: 74856
Ion Ratio Lower Upper
136 100
137 11.9 8.8 13.2
54 14.4 4.0 6.0#
68 13.2 3.0 4.6#



#8
Nitrobenzene-d5
Concen: 2.557 ng
RT: 8.900 min Scan# 625
Delta R.T. 0.000 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06

Tgt Ion: 82 Resp: 92578
Ion Ratio Lower Upper
82 100
128 28.1 27.7 41.5
54 55.8 49.2 73.8





#9
Naphthalene
Concen: 20.779 ng
RT: 10.586 min Scan# 71
Delta R.T. 0.001 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06

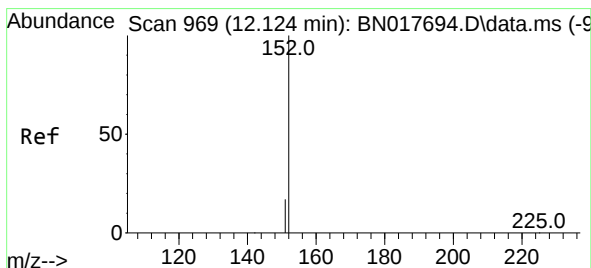
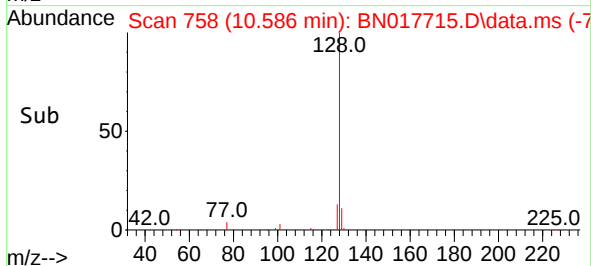
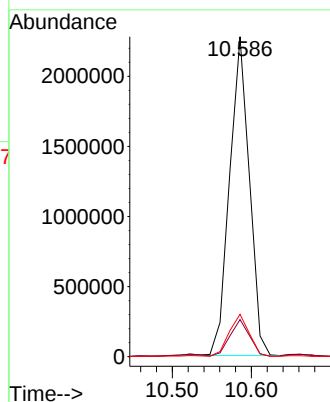
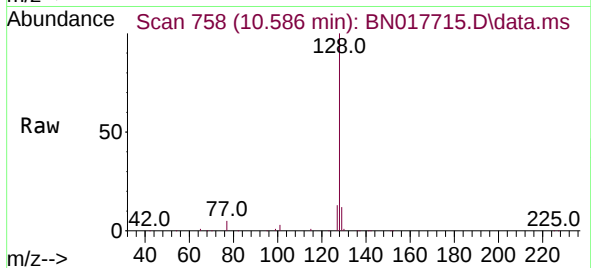
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BNA_N

ClientSampleId :

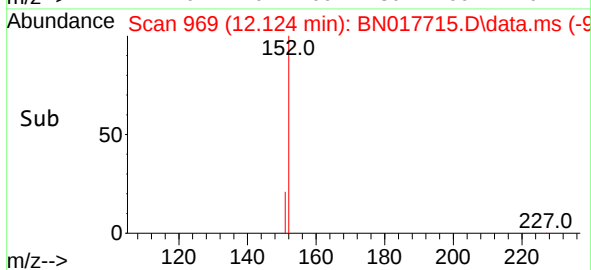
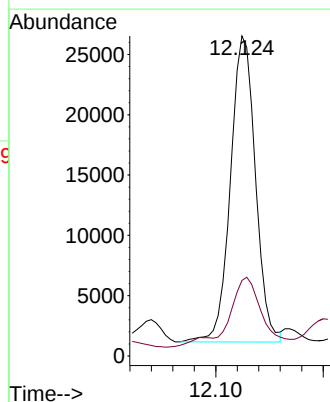
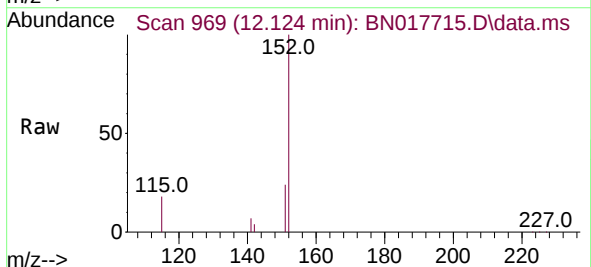
MW-27

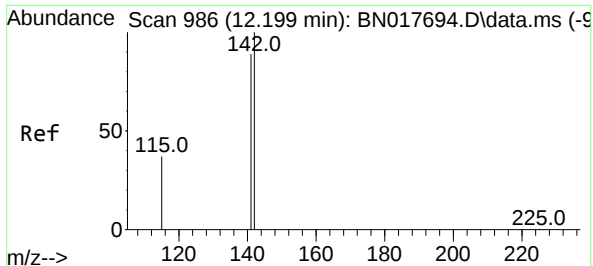
Tgt Ion:128 Resp: 3966162
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.3 10.6 15.8



#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 12.124 min Scan# 969
Delta R.T. 0.001 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06

Tgt Ion:152 Resp: 41002
Ion Ratio Lower Upper
152 100
151 25.4 16.2 24.4#





#12

2-Methylnaphthalene

Concen: 8.763 ng

RT: 12.200 min Scan# 91

Delta R.T. 0.001 min

Lab File: BN017715.D

Acq: 04 Dec 2021 07:06

Instrument :

BNA_N

ClientSampleId :

MW-27

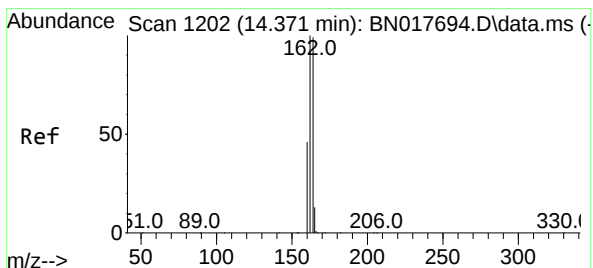
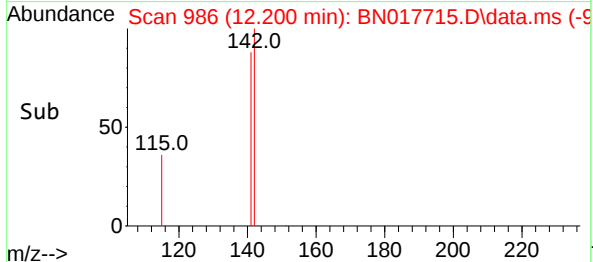
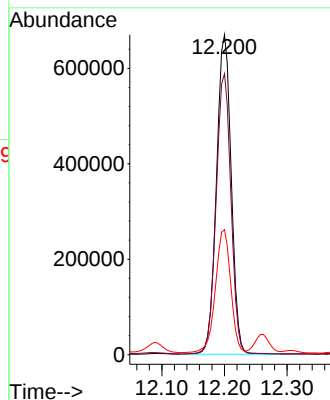
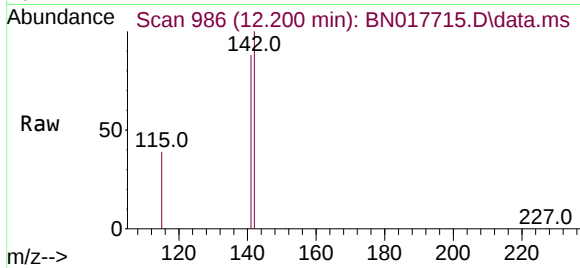
Tgt Ion:142 Resp: 1092382

Ion Ratio Lower Upper

142 100

141 87.8 70.6 106.0

115 39.0 25.8 38.6#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.372 min Scan# 1202

Delta R.T. 0.001 min

Lab File: BN017715.D

Acq: 04 Dec 2021 07:06

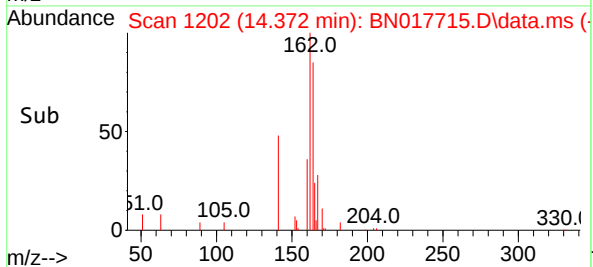
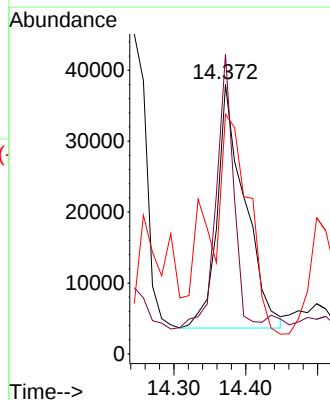
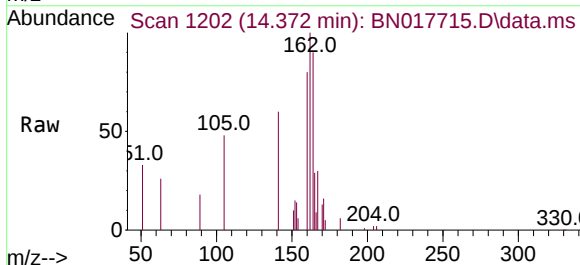
Tgt Ion:164 Resp: 91703

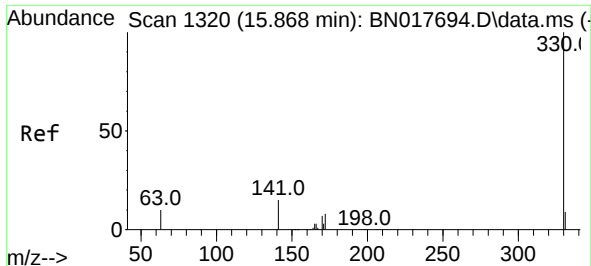
Ion Ratio Lower Upper

164 100

162 111.3 81.4 122.2

160 88.9 36.8 55.2#

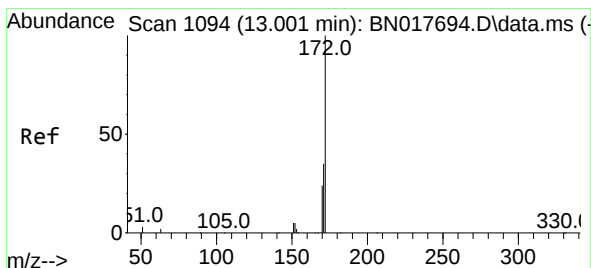
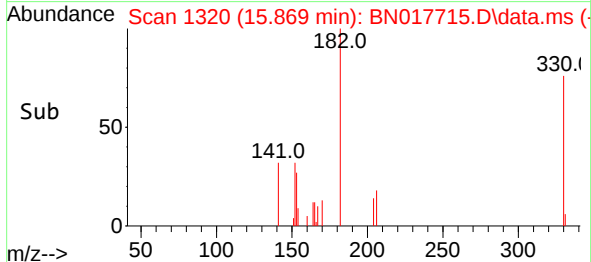
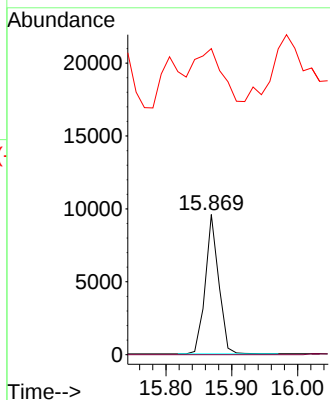
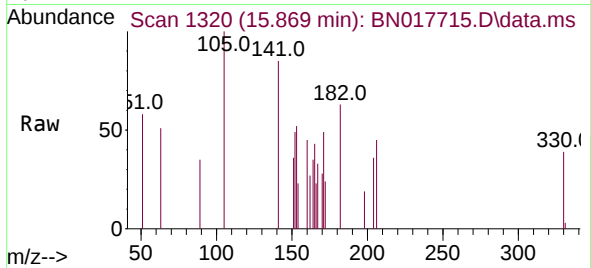




#14
2,4,6-Tribromophenol
Concen: 0.367 ng
RT: 15.869 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06

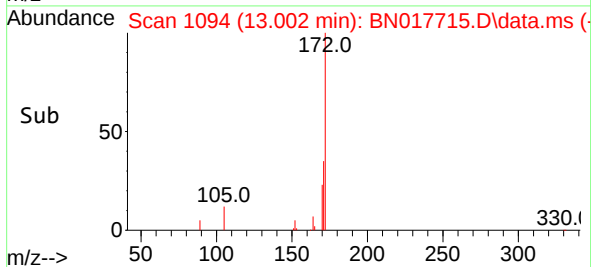
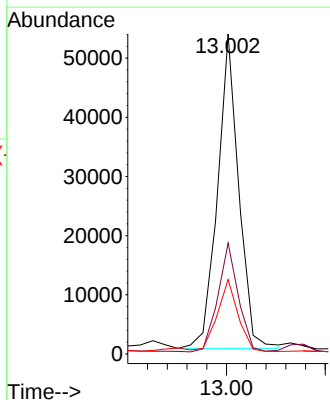
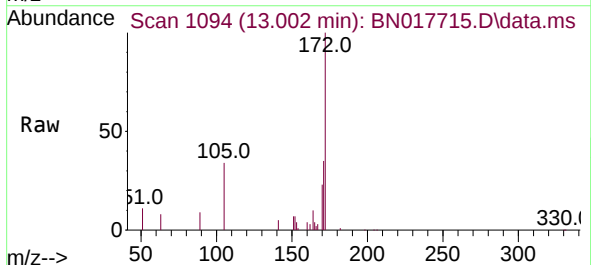
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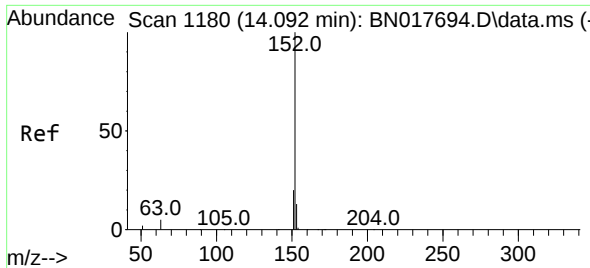
Tgt Ion:330 Resp: 13613
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 73.4 28.9 43.3#



#15
2-Fluorobiphenyl
Concen: 0.227 ng
RT: 13.002 min Scan# 1094
Delta R.T. 0.001 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06

Tgt Ion:172 Resp: 79145
Ion Ratio Lower Upper
172 100
171 34.7 28.7 43.1
170 23.2 19.4 29.2

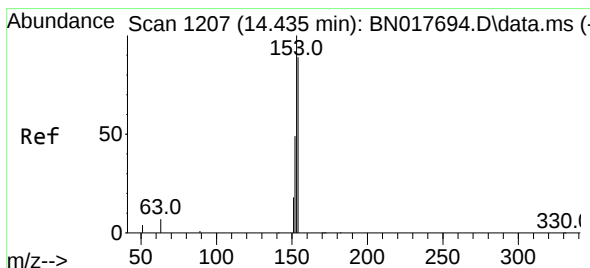
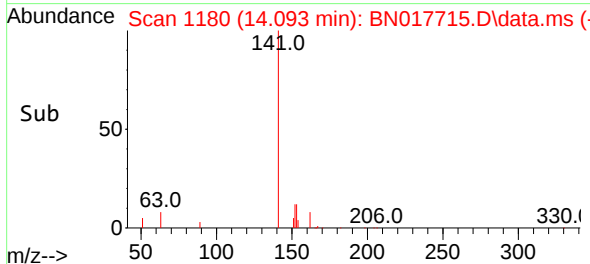
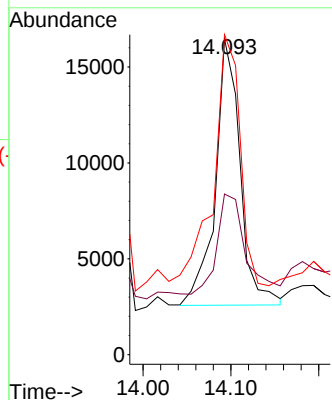
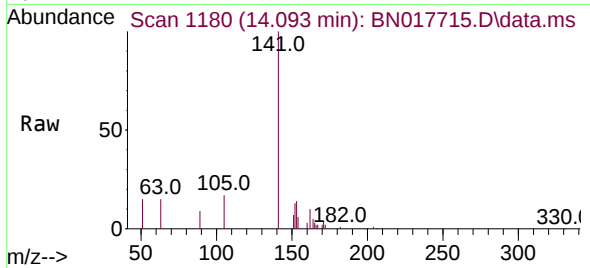




#16
Acenaphthylene
Concen: 0.077 ng
RT: 14.093 min Scan# 1180
Delta R.T. 0.001 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06

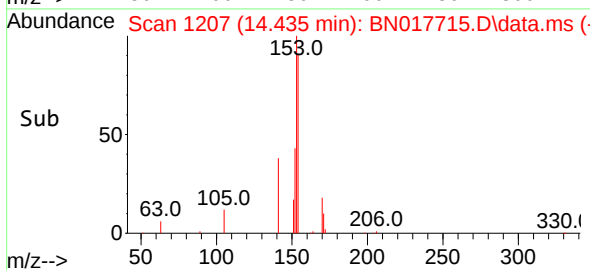
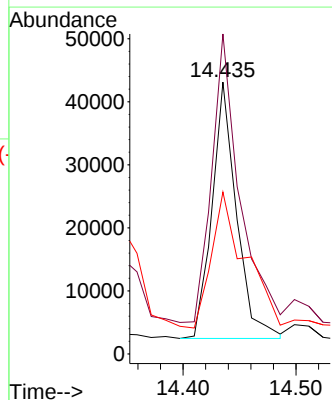
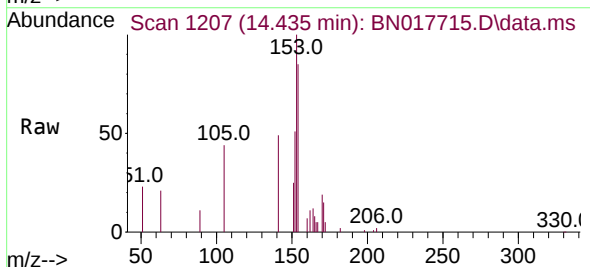
Instrument :
BNA_N
ClientSampleId :
MW-27

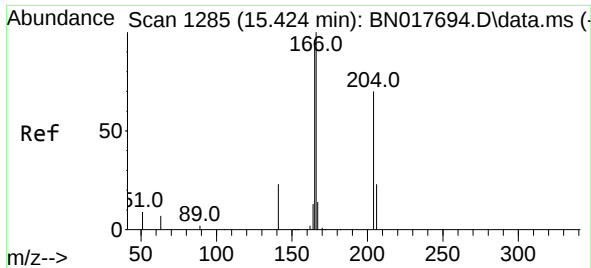
Tgt Ion:152 Resp: 27291
Ion Ratio Lower Upper
152 100
151 52.2 15.5 23.3#
153 103.6 10.4 15.6#



#17
Acenaphthene
Concen: 0.254 ng
RT: 14.435 min Scan# 1207
Delta R.T. 0.001 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06

Tgt Ion:154 Resp: 61095
Ion Ratio Lower Upper
154 100
153 137.2 91.2 136.8#
152 79.4 44.3 66.5#

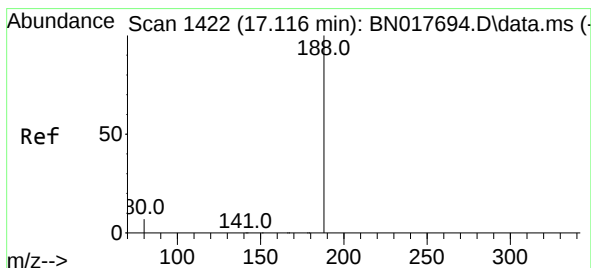
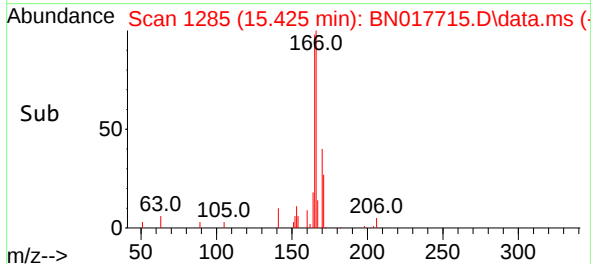
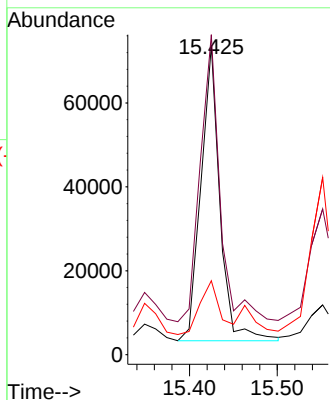
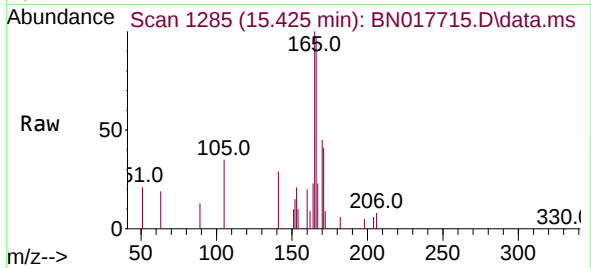




#18
Fluorene
Concen: 0.352 ng
RT: 15.425 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06

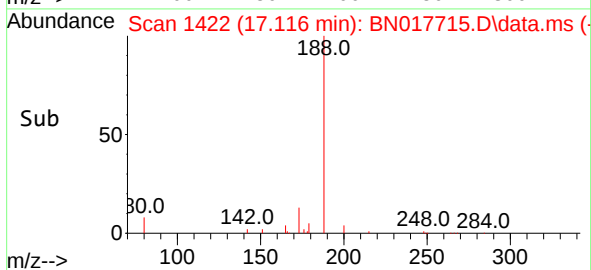
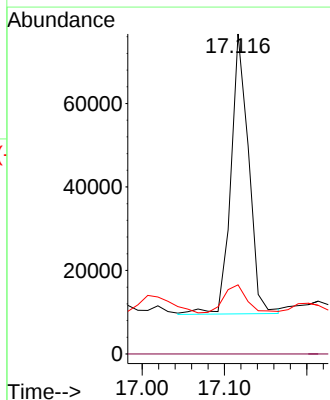
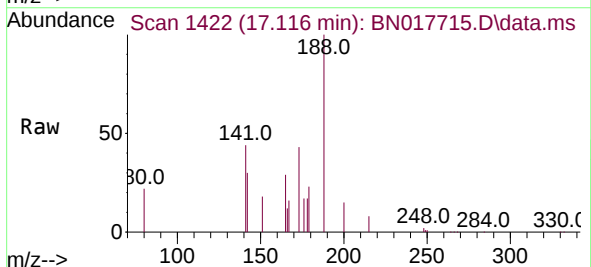
Instrument :
BNA_N
ClientSampleId :
MW-27

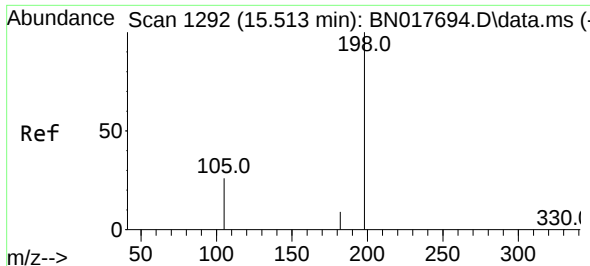
Tgt Ion:166 Resp: 105194
Ion Ratio Lower Upper
166 100
165 102.8 77.9 116.9
167 19.5 10.9 16.3#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.116 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06

Tgt Ion:188 Resp: 100167
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 21.6 6.1 9.1#

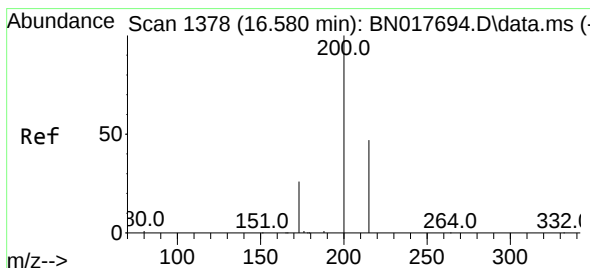
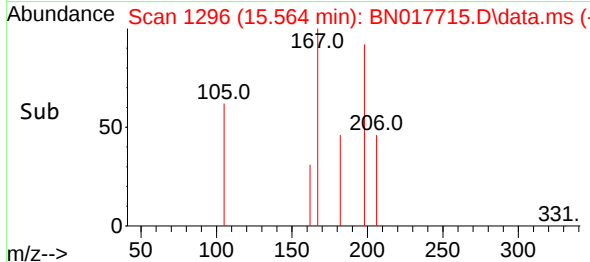
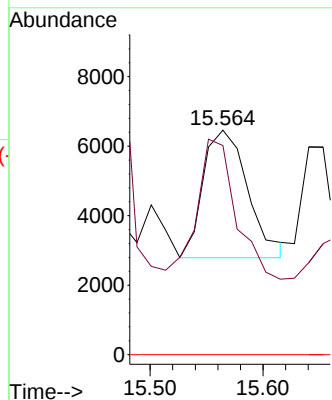
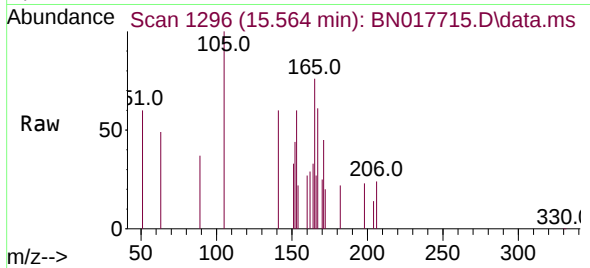




#20
4,6-Dinitro-2-methylphenol
Concen: 1.664 ng
RT: 15.564 min Scan# 1296
Delta R.T. 0.051 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06

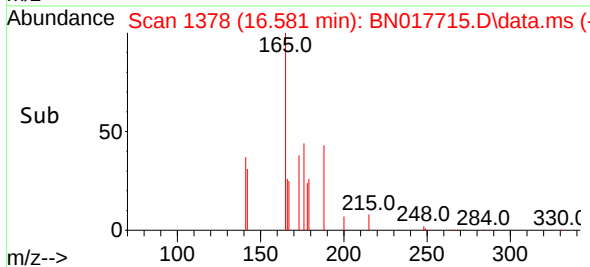
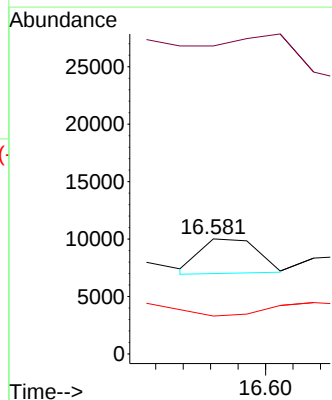
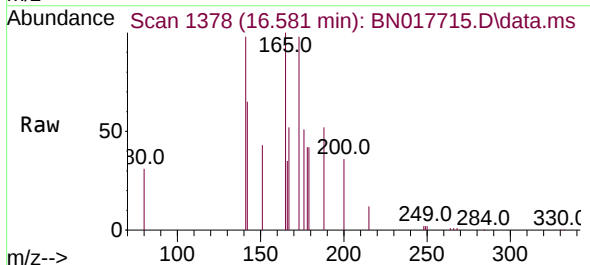
Instrument :
BNA_N
ClientSampleId :
MW-27

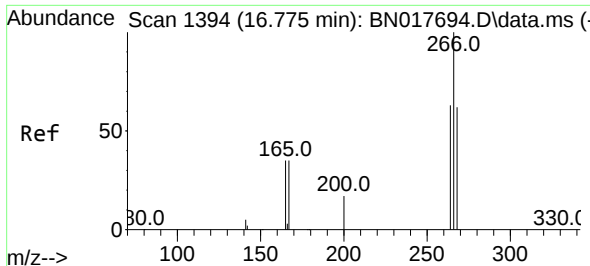
Tgt Ion:198 Resp: 10072
Ion Ratio Lower Upper
198 100
182 93.2 11.4 17.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.185 ng
RT: 16.581 min Scan# 1378
Delta R.T. 0.001 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06

Tgt Ion:200 Resp: 4363
Ion Ratio Lower Upper
200 100
173 267.8 17.6 26.4#
215 33.0 40.2 60.4#

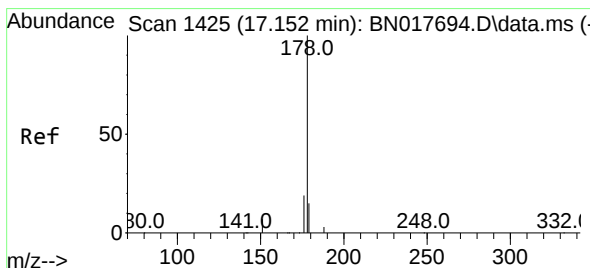
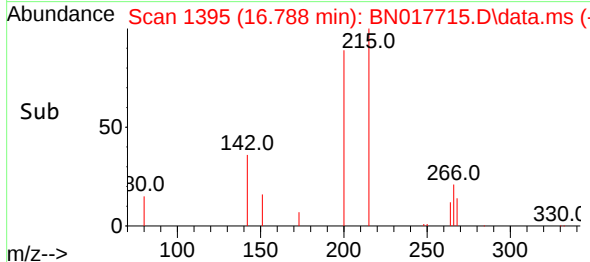
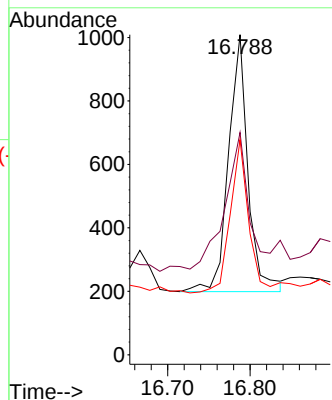
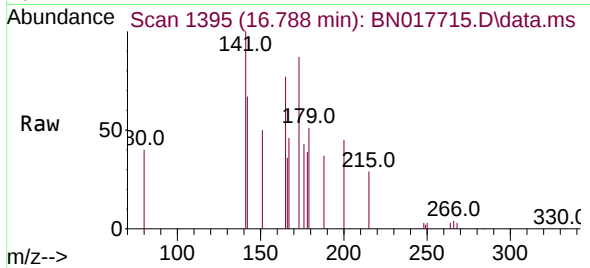




#24
 Pentachlorophenol
 Concen: 0.322 ng
 RT: 16.788 min Scan# 1395
 Delta R.T. 0.013 min
 Lab File: BN017715.D
 Acq: 04 Dec 2021 07:06

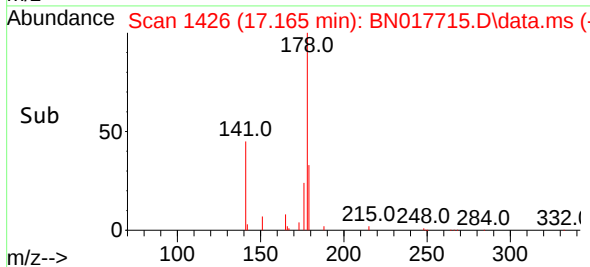
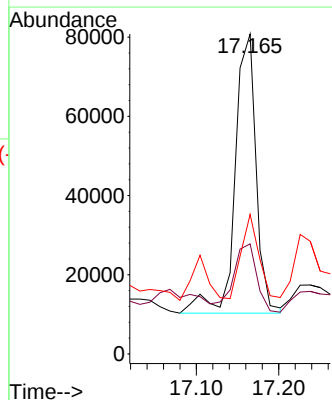
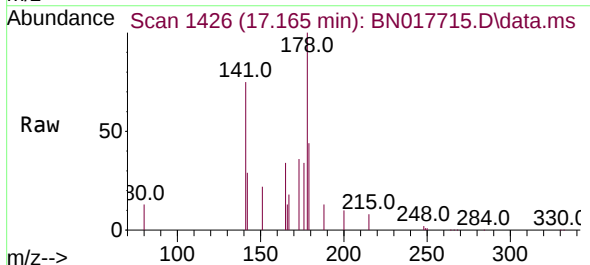
Instrument :
 BNA_N
 ClientSampleId :
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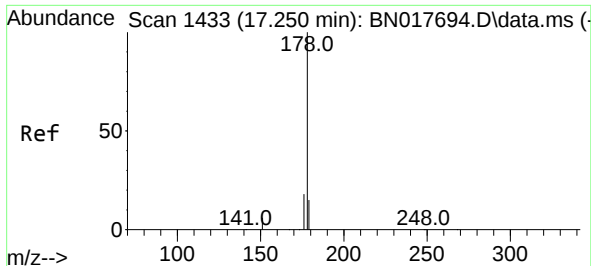
Tgt Ion:266 Resp: 1333
 Ion Ratio Lower Upper
 266 100
 264 61.0 49.8 74.8
 268 55.7 51.3 76.9



#25
 Phenanthrene
 Concen: 0.474 ng
 RT: 17.165 min Scan# 1426
 Delta R.T. 0.013 min
 Lab File: BN017715.D
 Acq: 04 Dec 2021 07:06

Tgt Ion:178 Resp: 126167
 Ion Ratio Lower Upper
 178 100
 176 27.2 15.0 22.6#
 179 24.8 12.3 18.5#

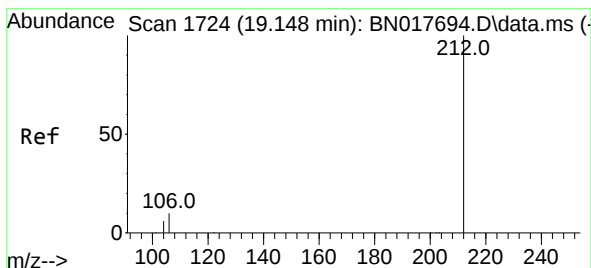
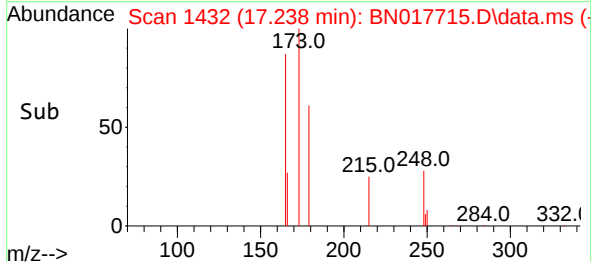
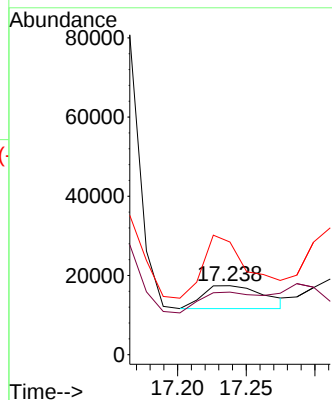
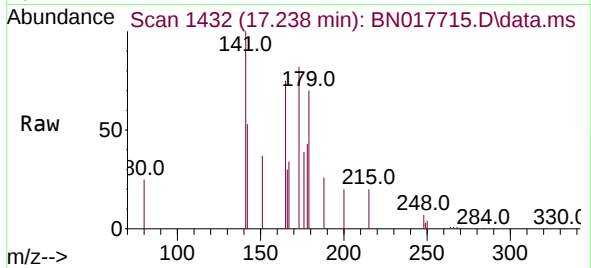




#26
 Anthracene
 Concen: 0.079 ng
 RT: 17.238 min Scan# 1433
 Delta R.T. -0.012 min
 Lab File: BN017715.D
 Acq: 04 Dec 2021 07:06

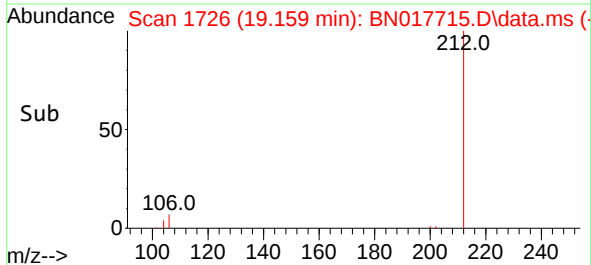
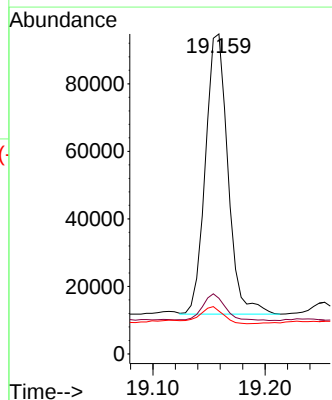
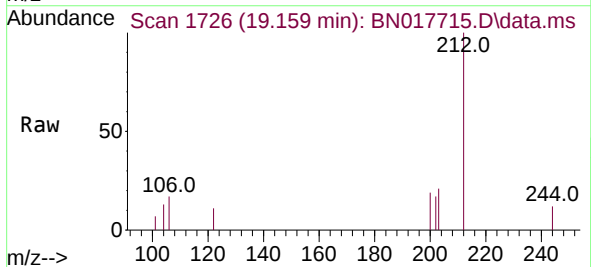
Instrument :
 BNA_N
 ClientSampleId :
 MW-27

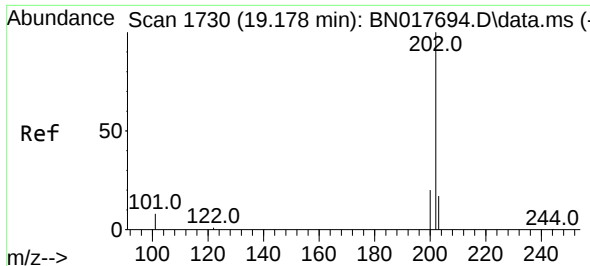
Tgt Ion:178 Resp: 18170
 Ion Ratio Lower Upper
 178 100
 176 89.3 14.6 22.0#
 179 205.4 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.353 ng
 RT: 19.159 min Scan# 1726
 Delta R.T. 0.010 min
 Lab File: BN017715.D
 Acq: 04 Dec 2021 07:06

Tgt Ion:212 Resp: 115415
 Ion Ratio Lower Upper
 212 100
 106 9.5 10.5 15.7#
 104 6.4 5.8 8.6

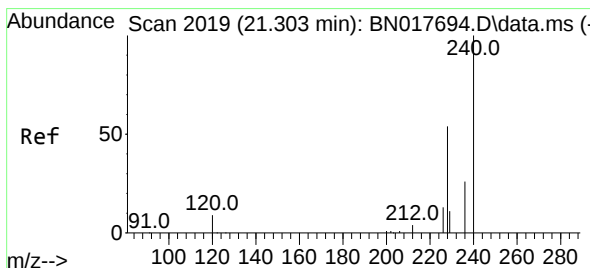
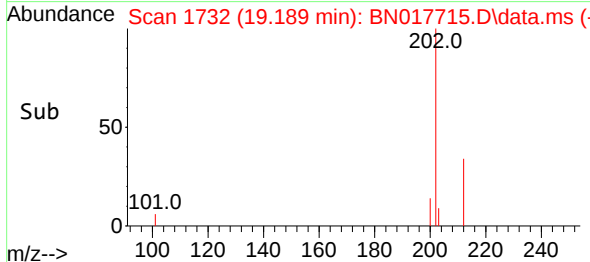
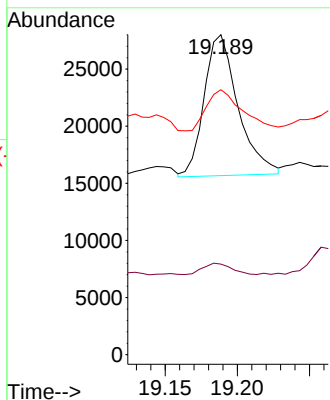
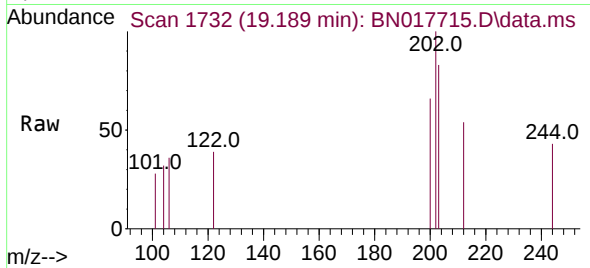




#28
Fluoranthene
Concen: 0.064 ng
RT: 19.189 min Scan# 11
Delta R.T. 0.010 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06

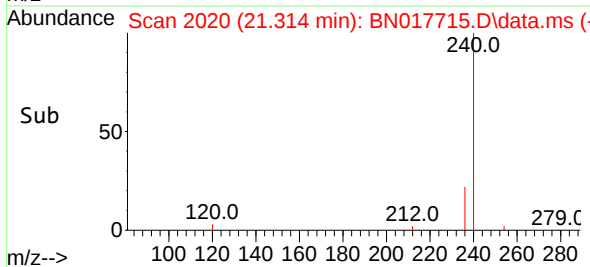
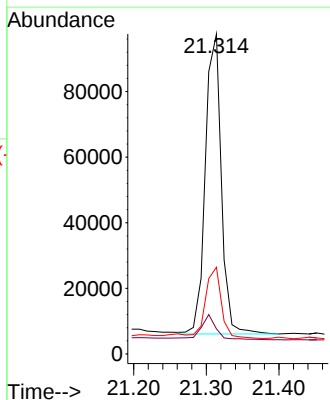
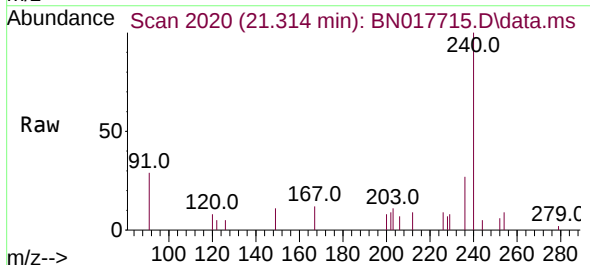
Instrument :
BNA_N
ClientSampleId :
MW-27

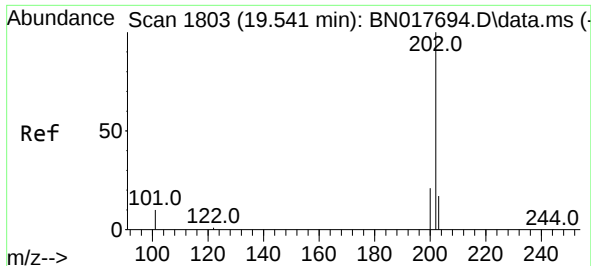
Tgt Ion:202 Resp: 20224
Ion Ratio Lower Upper
202 100
101 7.2 8.9 13.3#
203 31.0 13.8 20.6#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.314 min Scan# 2020
Delta R.T. 0.011 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06

Tgt Ion:240 Resp: 140176
Ion Ratio Lower Upper
240 100
120 7.9 4.2 6.2#
236 27.1 20.0 30.0

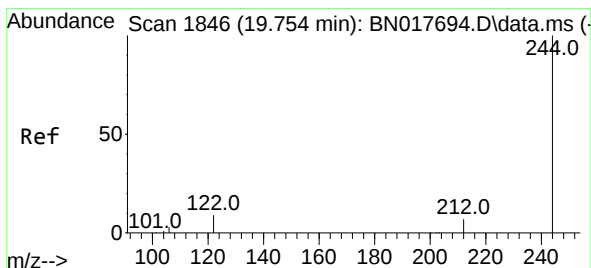
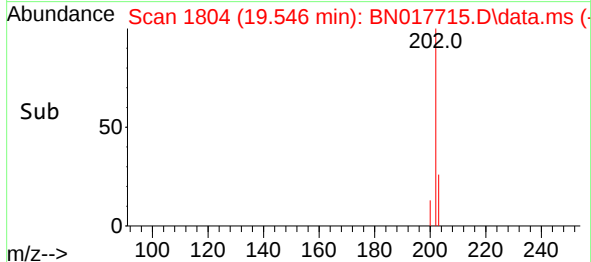
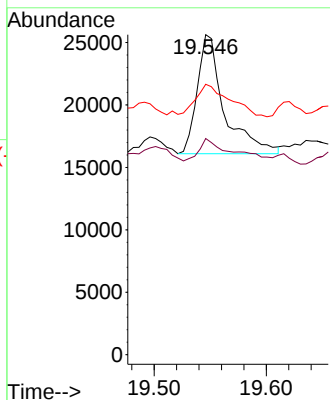
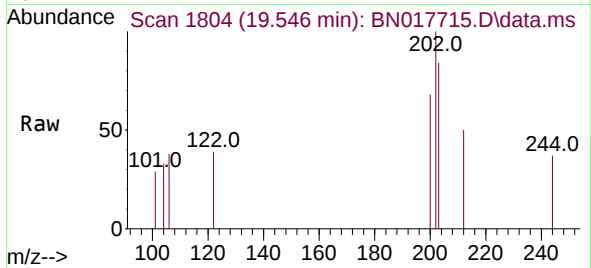




#30
 Pyrene
 Concen: 0.036 ng
 RT: 19.546 min Scan# 1804
 Delta R.T. 0.005 min
 Lab File: BN017715.D
 Acq: 04 Dec 2021 07:06

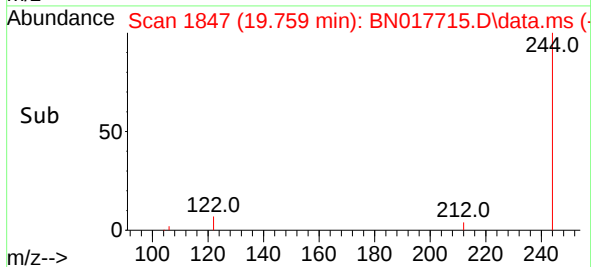
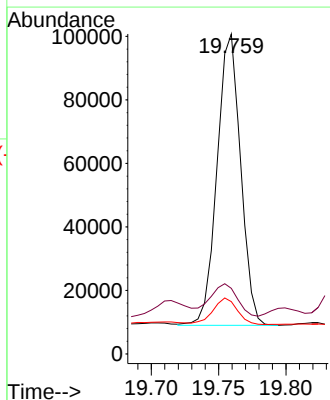
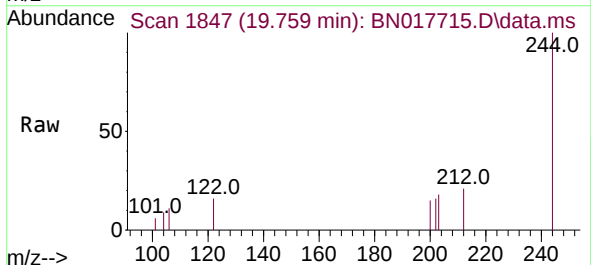
Instrument :
 BNA_N
 ClientSampleId :
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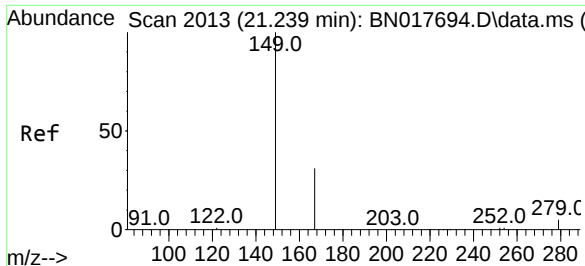
Tgt Ion:202 Resp: 15920
 Ion Ratio Lower Upper
 202 100
 200 22.0 16.5 24.7
 203 34.2 14.0 21.0#



#31
 Terphenyl-d14
 Concen: 0.359 ng
 RT: 19.759 min Scan# 1847
 Delta R.T. 0.005 min
 Lab File: BN017715.D
 Acq: 04 Dec 2021 07:06

Tgt Ion:244 Resp: 111735
 Ion Ratio Lower Upper
 244 100
 212 20.5 5.7 8.5#
 122 16.3 8.6 13.0#

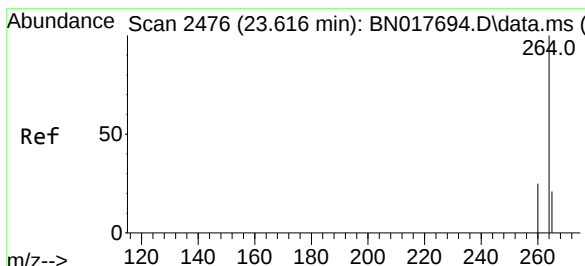
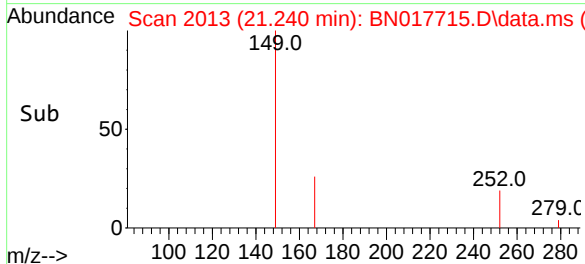
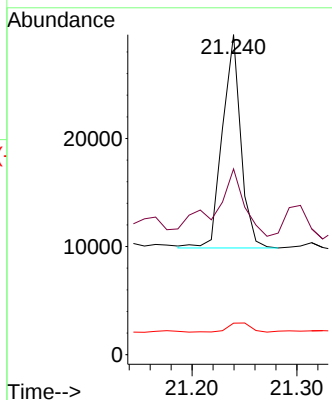
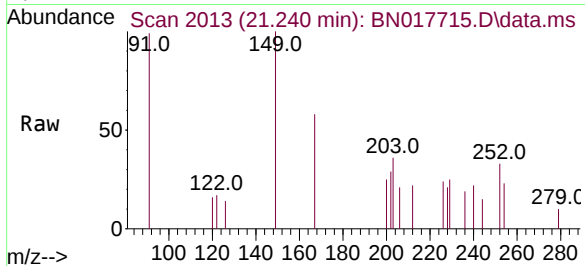




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.180 ng
 RT: 21.240 min Scan# 2013
 Delta R.T. 0.001 min
 Lab File: BN017715.D
 Acq: 04 Dec 2021 07:06

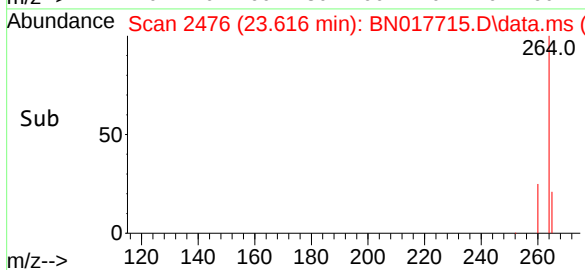
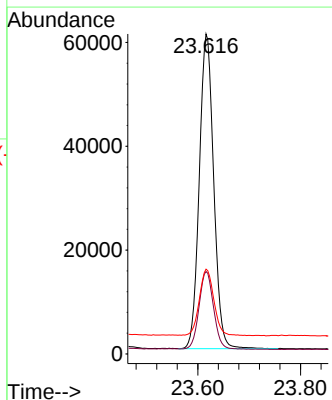
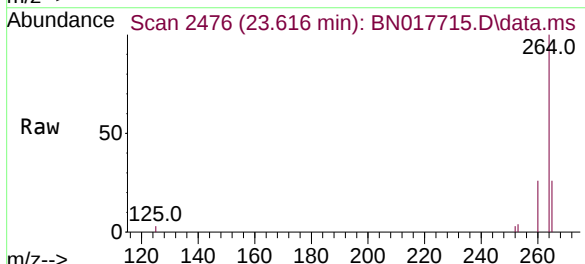
Instrument :
 BNA_N
 ClientSampleId :
 MW-27

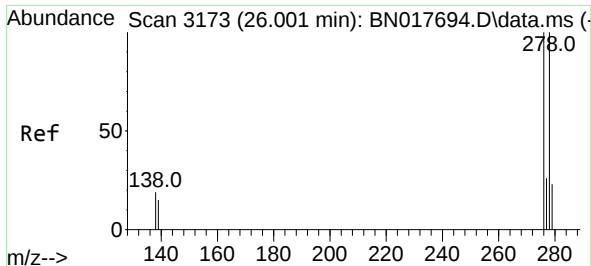
Tgt Ion:149 Resp: 24025
 Ion Ratio Lower Upper
 149 100
 167 52.3 21.8 32.6#
 279 5.3 3.4 5.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.616 min Scan# 2476
 Delta R.T. 0.000 min
 Lab File: BN017715.D
 Acq: 04 Dec 2021 07:06

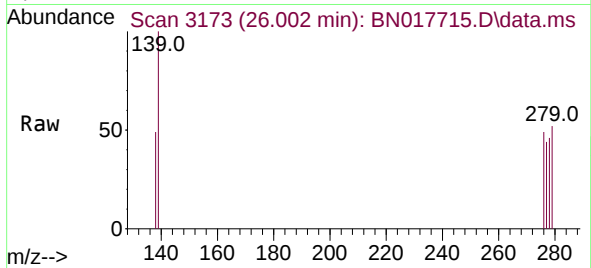
Tgt Ion:264 Resp: 117633
 Ion Ratio Lower Upper
 264 100
 260 25.7 19.4 29.2
 265 26.5 18.6 28.0





#40
 Dibenzo(a,h)anthracene
 Concen: 0.085 ng
 RT: 26.002 min Scan# 31
 Delta R.T. 0.001 min
 Lab File: BN017715.D
 Acq: 04 Dec 2021 07:06

Instrument :
 BNA_N
 ClientSampleId :
 MW-27



Tgt Ion: 278 Resp: 801
 Ion Ratio Lower Upper
 278 100
 139 218.4 13.0 19.6#
 279 113.6 19.2 28.8#

