

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
 Data File : BN017756.D
 Acq On : 07 Dec 2021 07:57
 Operator : CG/JU
 Sample : M4917-12RE
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-28RE

Quant Time: Dec 07 16:02:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 06 15:58:05 2021
 Response via : Initial Calibration

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

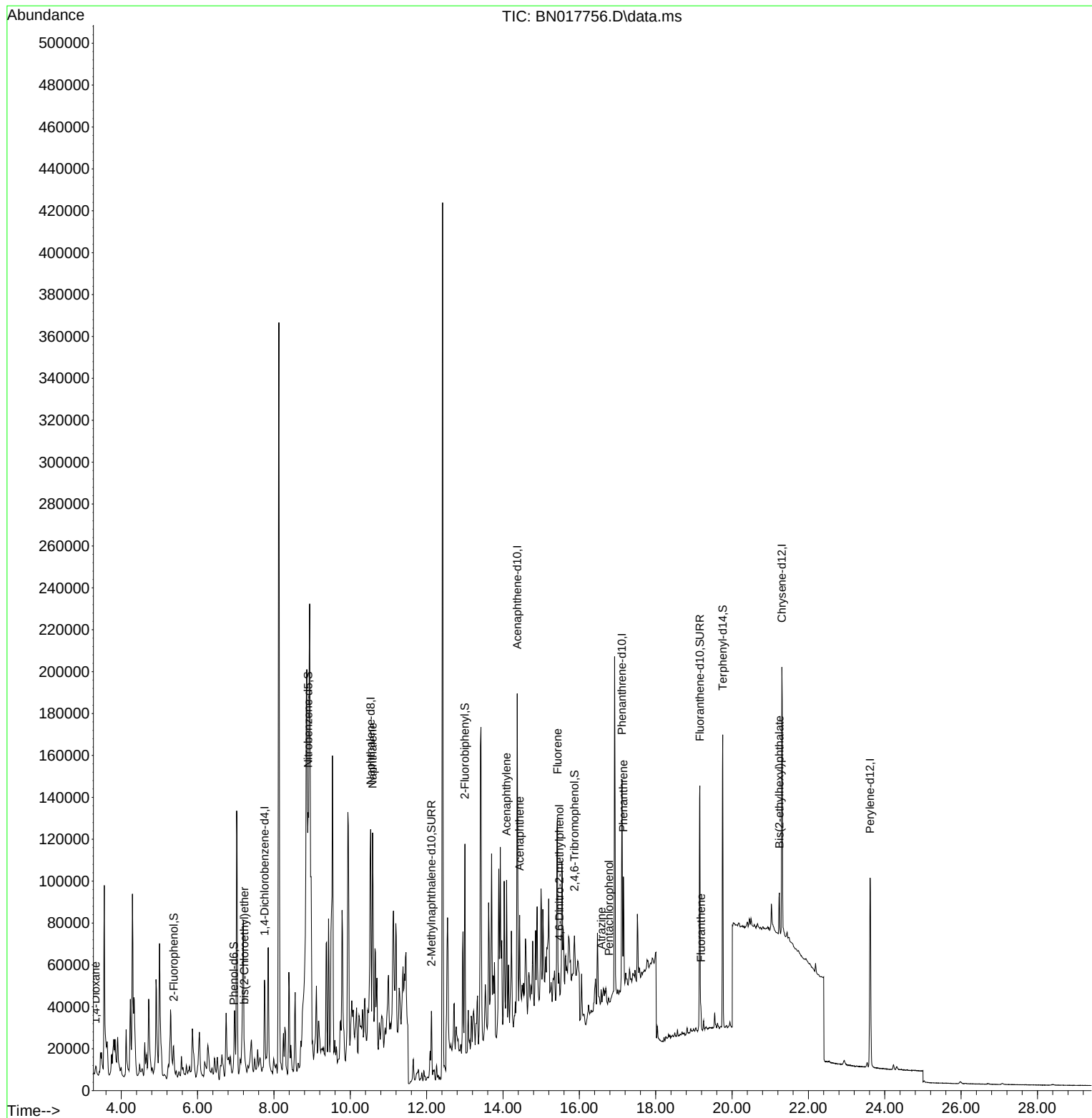
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	23541	0.400	ng	0.00
7) Naphthalene-d8	10.532	136	96289	0.400	ng	# 0.00
13) Acenaphthene-d10	14.373	164	84059	0.400	ng	# 0.00
19) Phenanthrene-d10	17.117	188	133290	0.400	ng	# 0.00
29) Chrysene-d12	21.304	240	134774	0.400	ng	# 0.00
35) Perylene-d12	23.617	264	124912	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.373	112	10357	0.205	ng	0.02
5) Phenol-d6	6.950	99	4938	0.091	ng	0.02
8) Nitrobenzene-d5	8.898	82	117741	1.809	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	45330	0.257	ng	0.00
14) 2,4,6-Tribromophenol	15.870	330	16927	0.458	ng	0.00
15) 2-Fluorobiphenyl	13.003	172	78664	0.253	ng	0.00
27) Fluoranthene-d10	19.155	212	138880	0.310	ng	0.00
31) Terphenyl-d14	19.755	244	142399	0.412	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.326	88	709	0.045	ng	# 1
6) bis(2-Chloroethyl)ether	7.226	93	2067	0.035	ng	# 27
9) Naphthalene	10.583	128	88439	0.370	ng	# 87
16) Acenaphthylene	14.094	152	9688	0.030	ng	# 1
17) Acenaphthene	14.436	154	26961	0.123	ng	96
18) Fluorene	15.426	166	51146	0.183	ng	# 95
20) 4,6-Dinitro-2-methylph...	15.477	198	132	0.174	ng	# 1
23) Atrazine	16.582	200	1236	0.116	ng	# 1
24) Pentachlorophenol	16.776	266	382	0.179	ng	# 81
25) Phenanthrene	17.154	178	60067	0.171	ng	# 93
28) Fluoranthene	19.184	202	10334	0.024	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.240	149	20124	0.095	ng	# 92

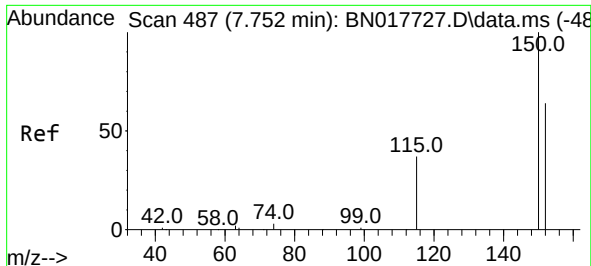
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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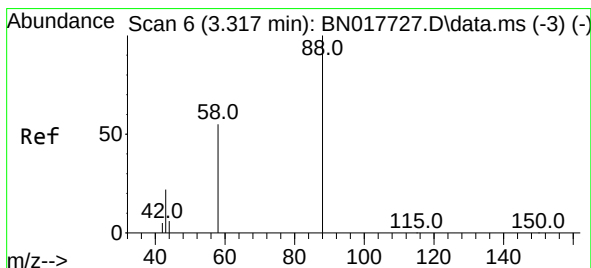
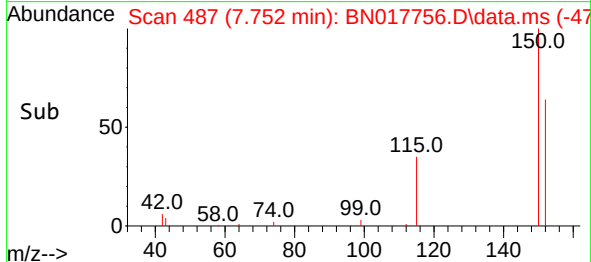
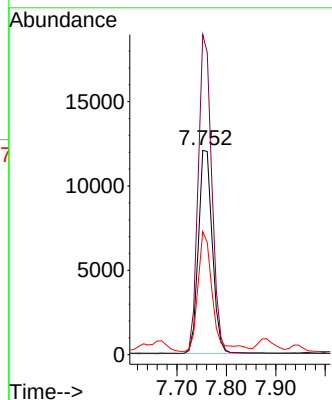
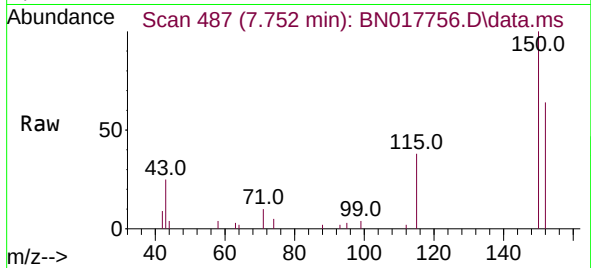




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.752 min Scan# 48
 Delta R.T. 0.000 min
 Lab File: BN017756.D
 Acq: 07 Dec 2021 07:57

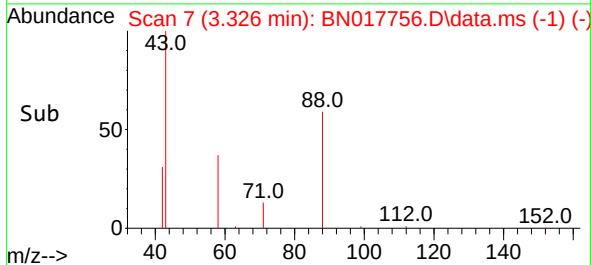
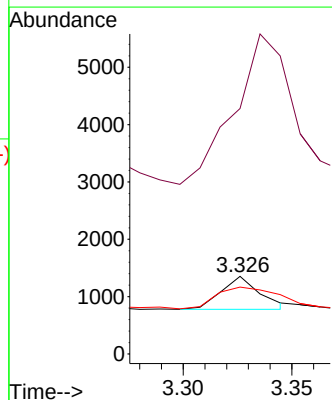
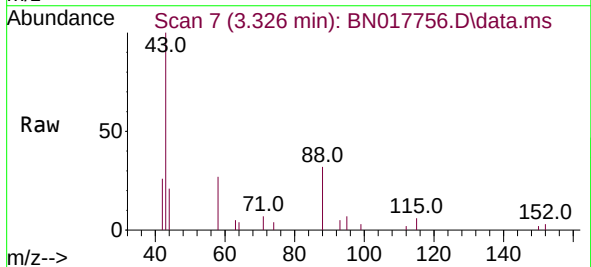
Instrument :
 BNA_N
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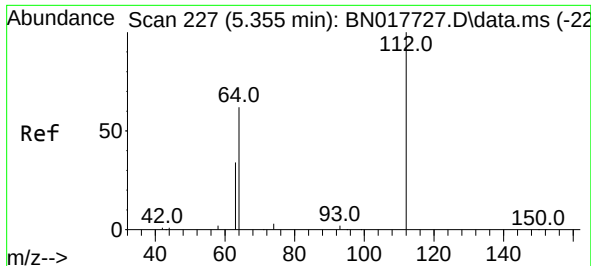
Tgt Ion:152 Resp: 23541
 Ion Ratio Lower Upper
 152 100
 150 156.6 123.0 184.4
 115 60.2 45.6 68.4



#2
 1,4-Dioxane
 Concen: 0.045 ng
 RT: 3.326 min Scan# 7
 Delta R.T. 0.009 min
 Lab File: BN017756.D
 Acq: 07 Dec 2021 07:57

Tgt Ion: 88 Resp: 709
 Ion Ratio Lower Upper
 88 100
 43 583.6 24.7 37.1#
 58 100.6 63.0 94.6#

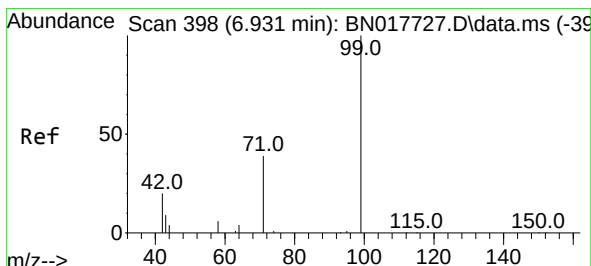
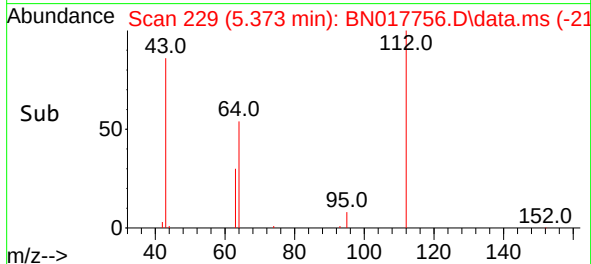
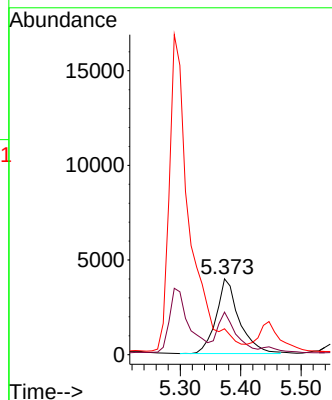
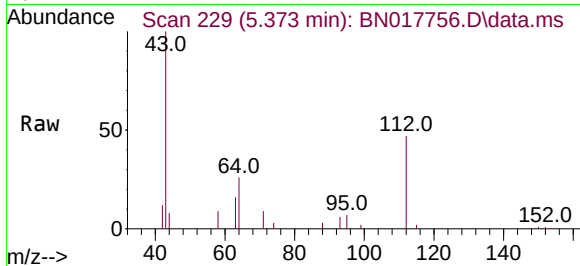




#4
2-Fluorophenol
Concen: 0.205 ng
RT: 5.373 min Scan# 21
Delta R.T. 0.018 min
Lab File: BN017756.D
Acq: 07 Dec 2021 07:57

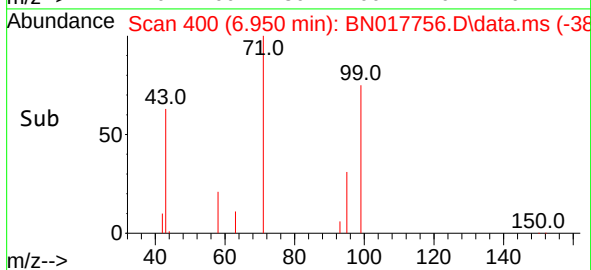
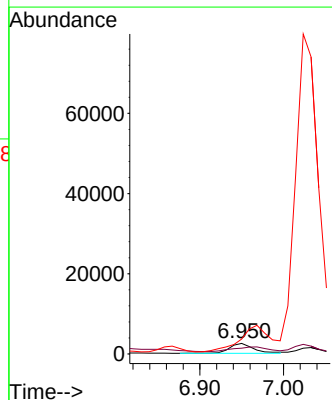
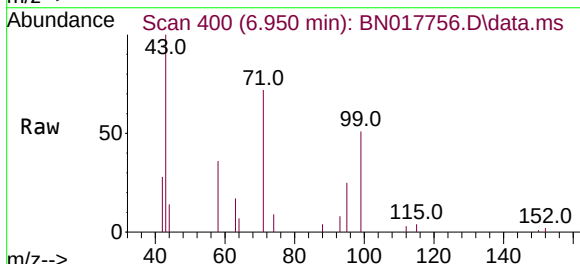
Instrument :
BNA_N
ClientSampleId :
MW-28RE

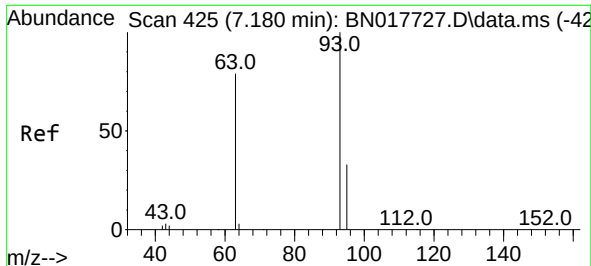
Tgt Ion: 112 Resp: 10357
Ion Ratio Lower Upper
112 100
64 36.9 47.6 71.4#
63 0.0 24.6 37.0#



#5
Phenol-d6
Concen: 0.091 ng
RT: 6.950 min Scan# 400
Delta R.T. 0.018 min
Lab File: BN017756.D
Acq: 07 Dec 2021 07:57

Tgt Ion: 99 Resp: 4938
Ion Ratio Lower Upper
99 100
42 66.2 17.0 25.6#
71 336.4 24.8 37.2#

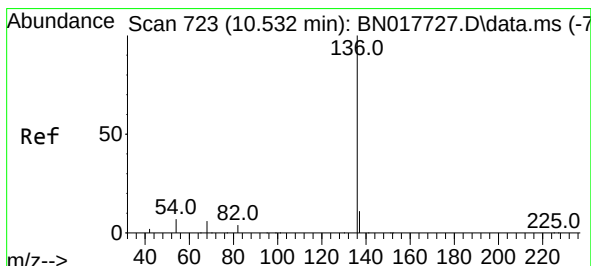
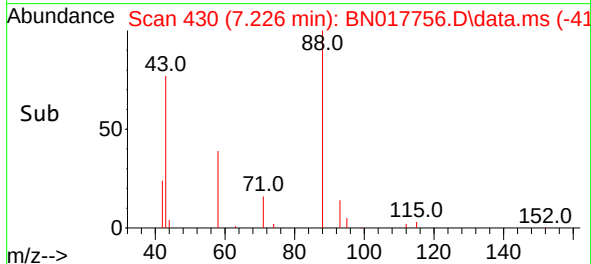
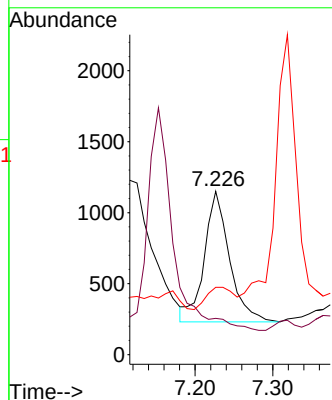
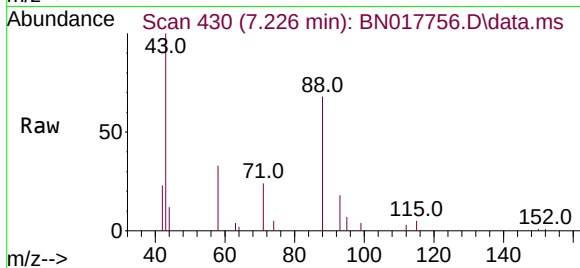




#6
bis(2-Chloroethyl)ether
Concen: 0.035 ng
RT: 7.226 min Scan# 41
Delta R.T. 0.046 min
Lab File: BN017756.D
Acq: 07 Dec 2021 07:57

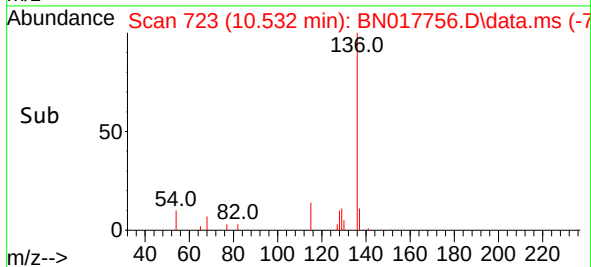
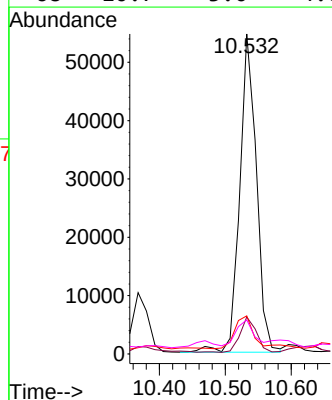
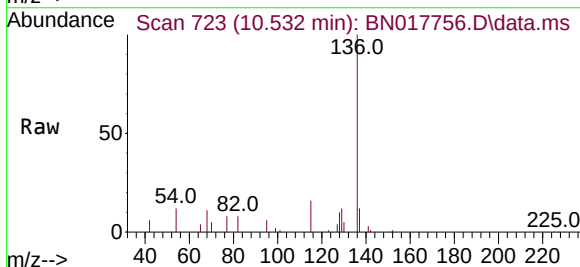
Instrument :
BNA_N
ClientSampleId :
MW-28RE

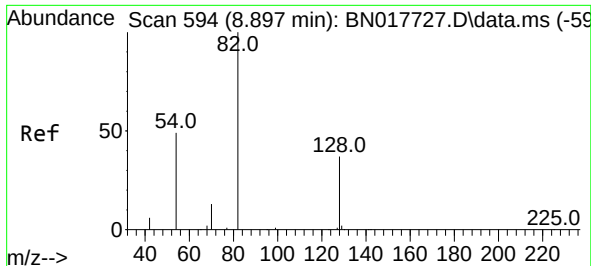
Tgt Ion: 93 Resp: 2067
Ion Ratio Lower Upper
93 100
63 0.0 65.8 98.6#
95 18.4 26.6 39.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.532 min Scan# 723
Delta R.T. 0.000 min
Lab File: BN017756.D
Acq: 07 Dec 2021 07:57

Tgt Ion: 136 Resp: 96289
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 11.9 4.0 6.0#
68 10.7 3.0 4.6#

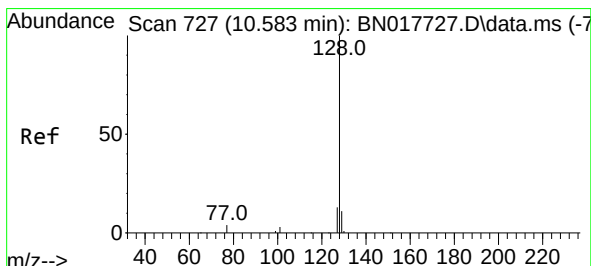
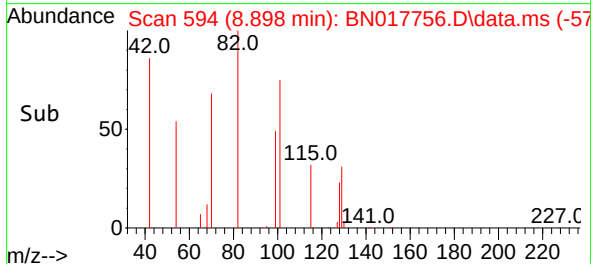
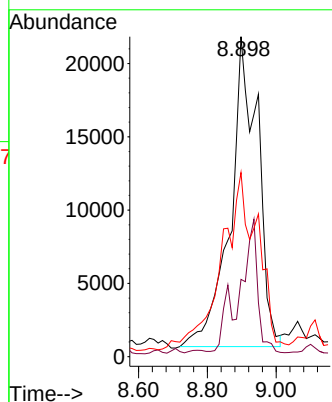
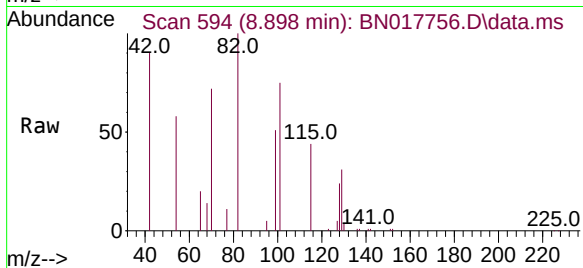




#8
Nitrobenzene-d5
Concen: 1.809 ng
RT: 8.898 min Scan# 594
Delta R.T. 0.000 min
Lab File: BN017756.D
Acq: 07 Dec 2021 07:57

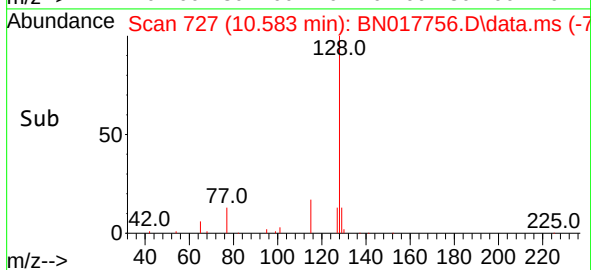
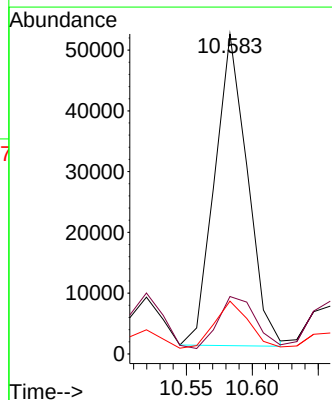
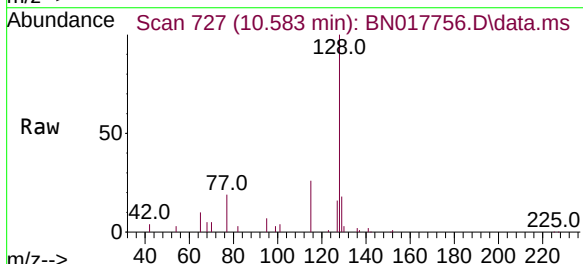
Instrument :
BNA_N
ClientSampleId :
MW-28RE

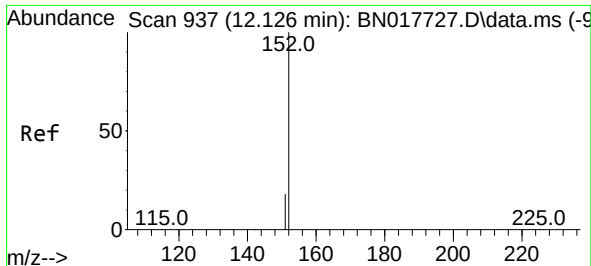
Tgt Ion: 82 Resp: 117741
Ion Ratio Lower Upper
82 100
128 24.2 27.7 41.5#
54 57.6 49.2 73.8



#9
Naphthalene
Concen: 0.370 ng
RT: 10.583 min Scan# 727
Delta R.T. 0.000 min
Lab File: BN017756.D
Acq: 07 Dec 2021 07:57

Tgt Ion: 128 Resp: 88439
Ion Ratio Lower Upper
128 100
129 18.0 8.8 13.2#
127 16.5 10.6 15.8#





#11

2-Methylnaphthalene-d10

Concen: 0.257 ng

RT: 12.126 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN017756.D

Acq: 07 Dec 2021 07:57

Instrument :

BNA_N

ClientSampleId :

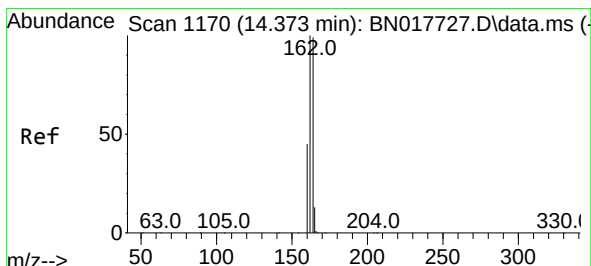
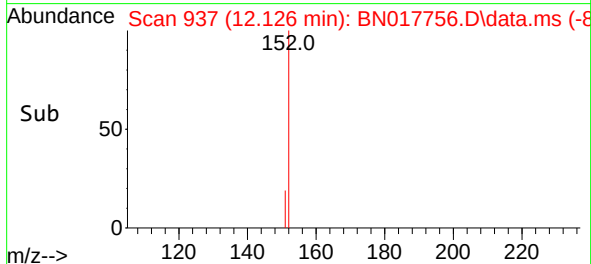
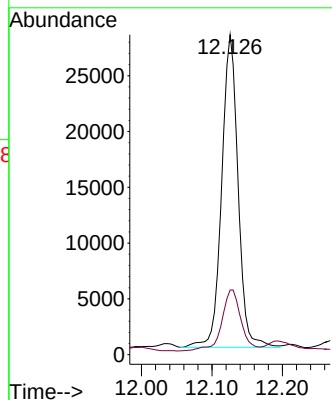
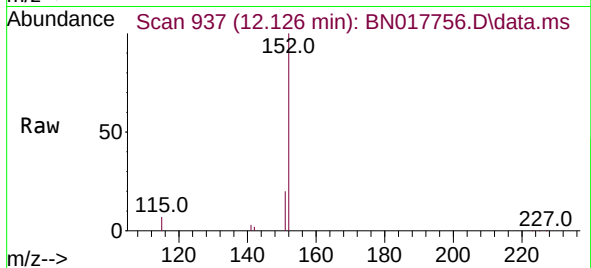
MW-28RE

Tgt Ion:152 Resp: 45330

Ion Ratio Lower Upper

152 100

151 22.9 16.2 24.4



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.373 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BN017756.D

Acq: 07 Dec 2021 07:57

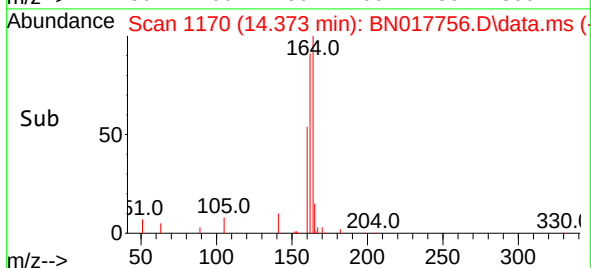
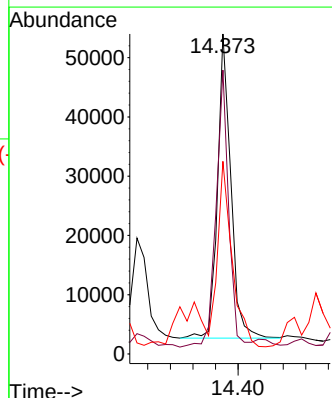
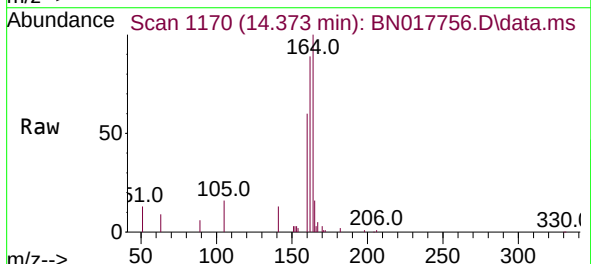
Tgt Ion:164 Resp: 84059

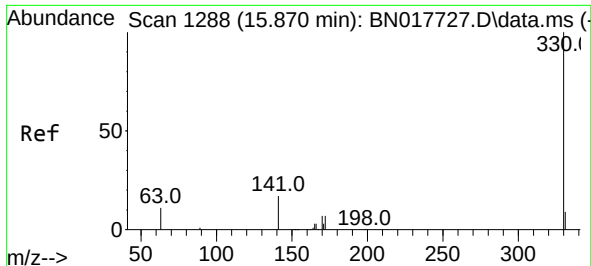
Ion Ratio Lower Upper

164 100

162 88.7 81.4 122.2

160 60.2 36.8 55.2#





#14

2,4,6-Tribromophenol

Concen: 0.458 ng

RT: 15.870 min Scan# 1288

Delta R.T. 0.000 min

Lab File: BN017756.D

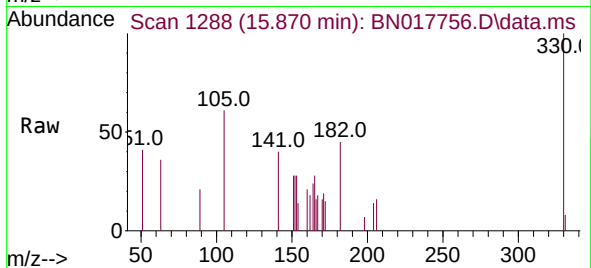
Acq: 07 Dec 2021 07:57

Instrument :

BNA_N

ClientSampleId :

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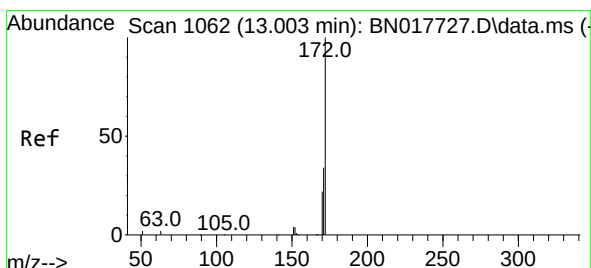
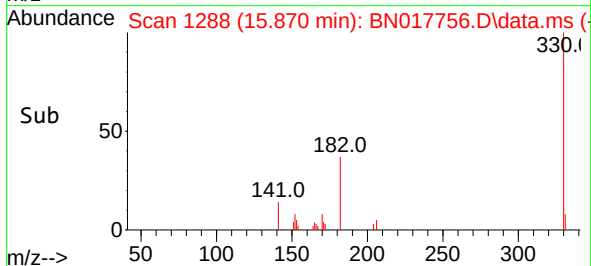
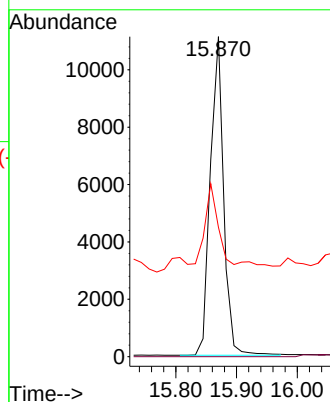
Tgt Ion:330 Resp: 16927

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 27.0 28.9 43.3#



#15

2-Fluorobiphenyl

Concen: 0.253 ng

RT: 13.003 min Scan# 1062

Delta R.T. 0.000 min

Lab File: BN017756.D

Acq: 07 Dec 2021 07:57

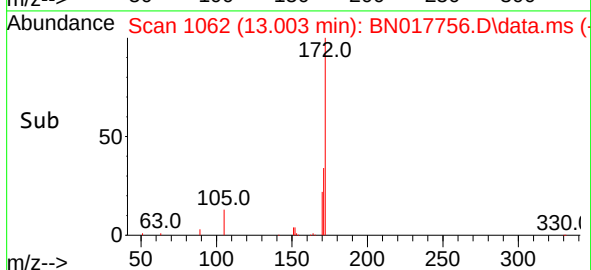
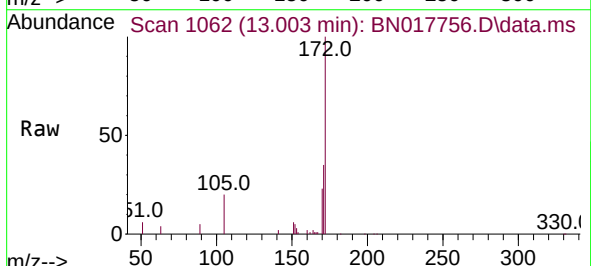
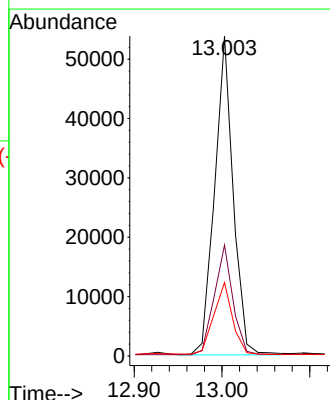
Tgt Ion:172 Resp: 78664

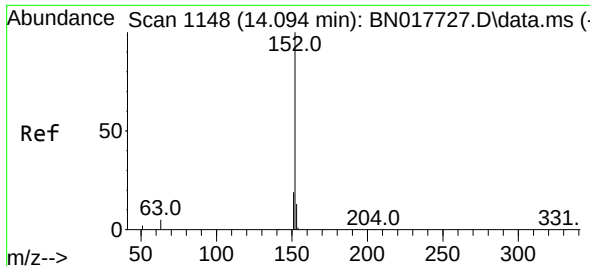
Ion Ratio Lower Upper

172 100

171 34.7 28.7 43.1

170 22.9 19.4 29.2

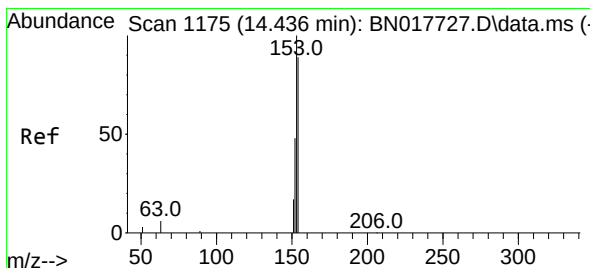
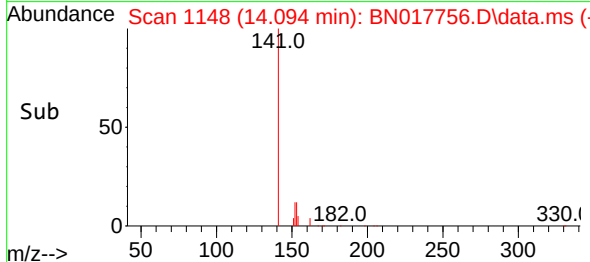
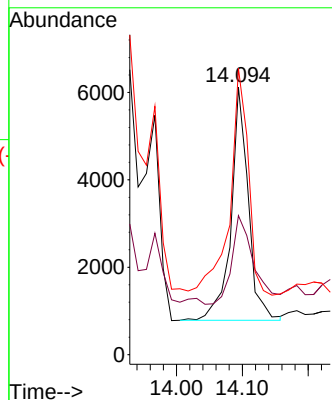
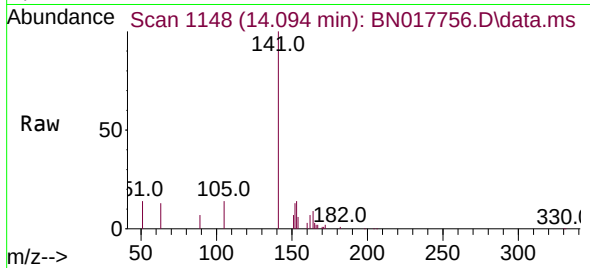




#16
Acenaphthylene
Concen: 0.030 ng
RT: 14.094 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BN017756.D
Acq: 07 Dec 2021 07:57

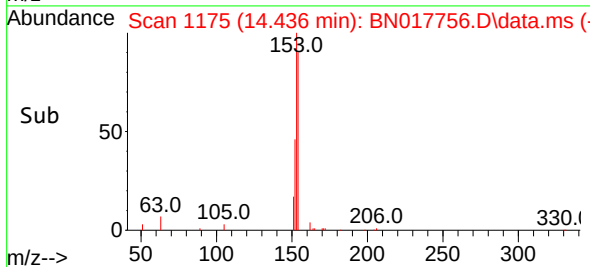
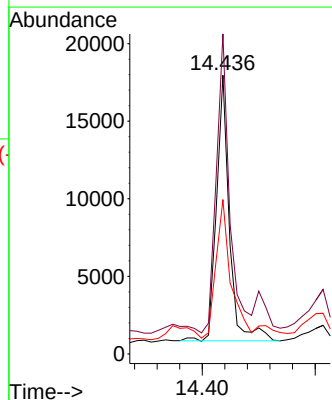
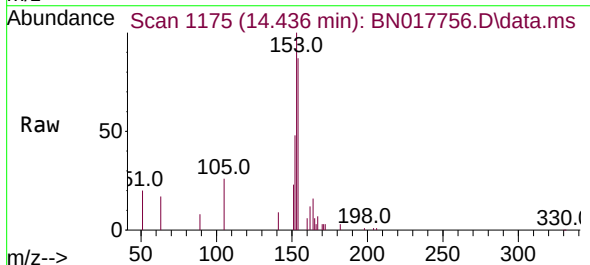
Instrument :
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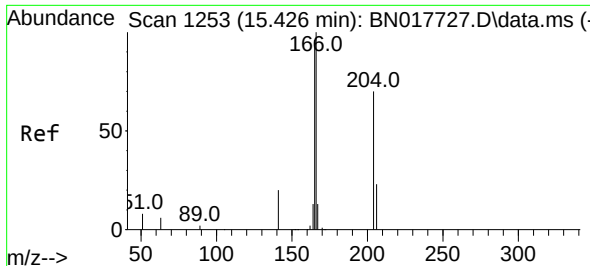
Tgt Ion:152 Resp: 9688
Ion Ratio Lower Upper
152 100
151 49.2 15.5 23.3#
153 104.2 10.4 15.6#



#17
Acenaphthene
Concen: 0.123 ng
RT: 14.436 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BN017756.D
Acq: 07 Dec 2021 07:57

Tgt Ion:154 Resp: 26961
Ion Ratio Lower Upper
154 100
153 116.8 91.2 136.8
152 60.4 44.3 66.5

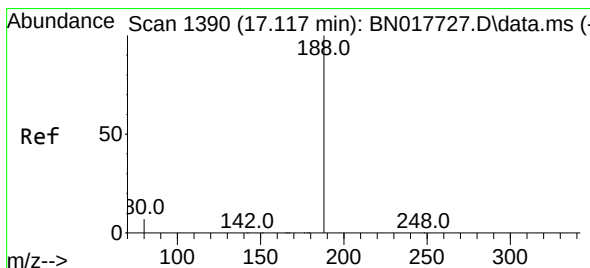
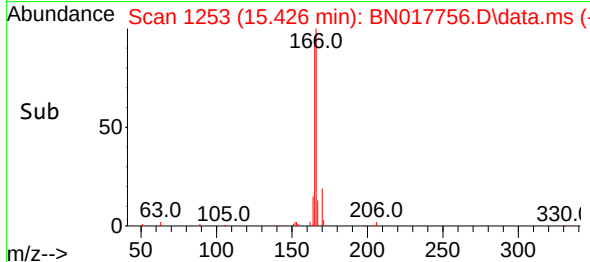
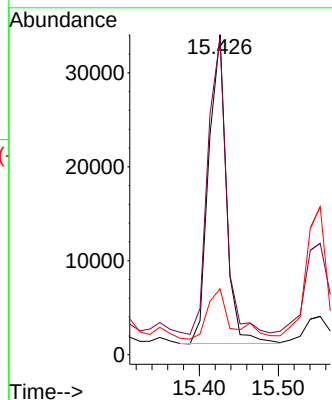
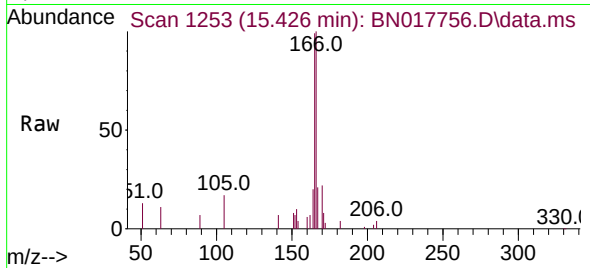




#18
Fluorene
Concen: 0.183 ng
RT: 15.426 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BN017756.D
Acq: 07 Dec 2021 07:57

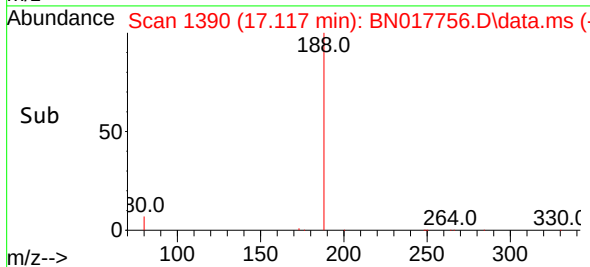
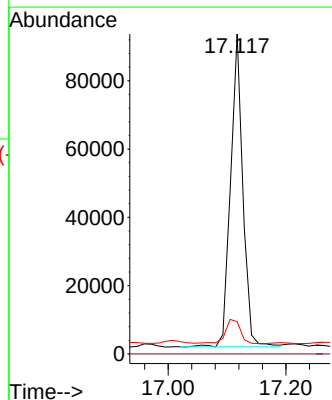
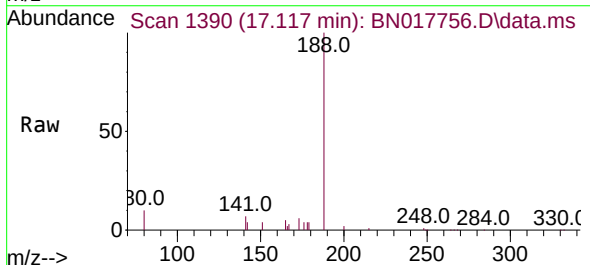
Instrument :
BNA_N
ClientSampleId :
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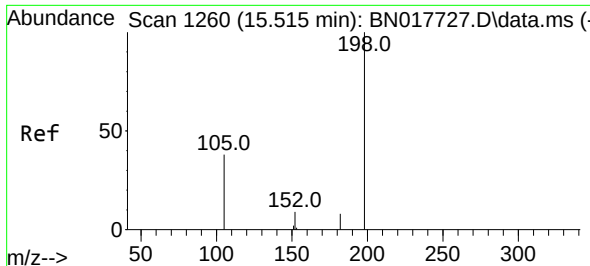
Tgt Ion:166 Resp: 51146
Ion Ratio Lower Upper
166 100
165 99.6 77.9 116.9
167 22.5 10.9 16.3#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.117 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BN017756.D
Acq: 07 Dec 2021 07:57

Tgt Ion:188 Resp: 133290
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 6.1 9.1#

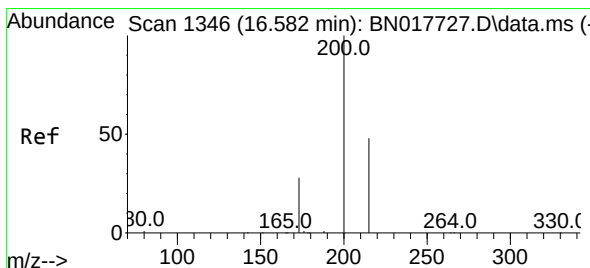
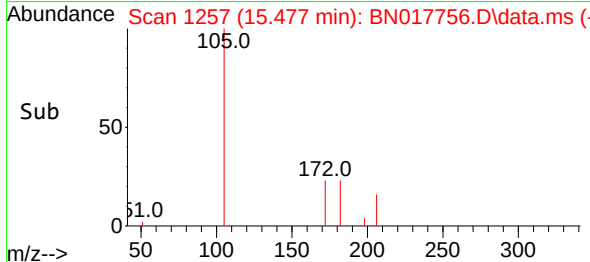
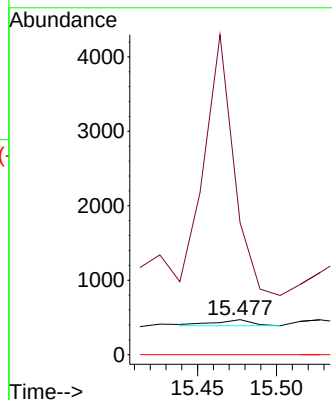
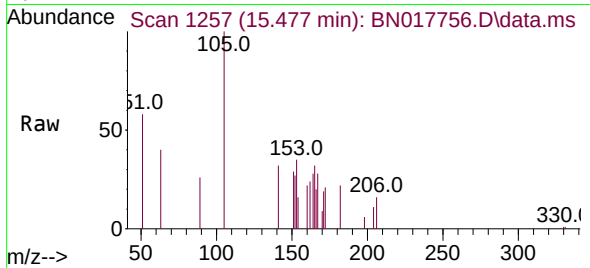




#20
4,6-Dinitro-2-methylphenol
Concen: 0.174 ng
RT: 15.477 min Scan# 11
Delta R.T. -0.038 min
Lab File: BN017756.D
Acq: 07 Dec 2021 07:57

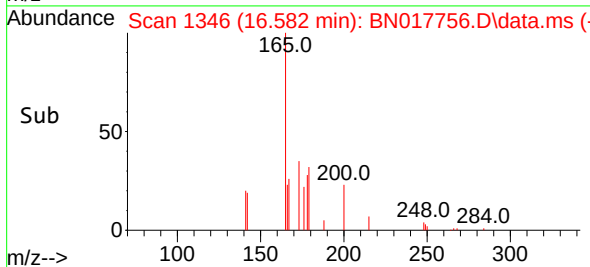
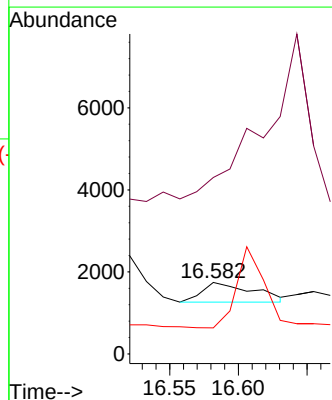
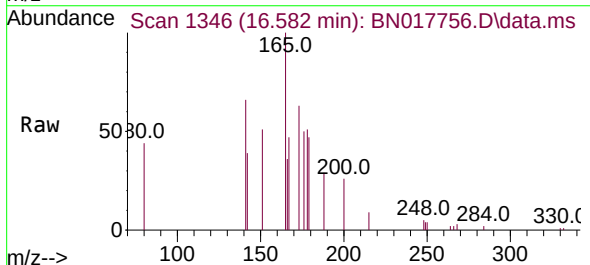
Instrument :
BNA_N
ClientSampleId :
MW-28RE

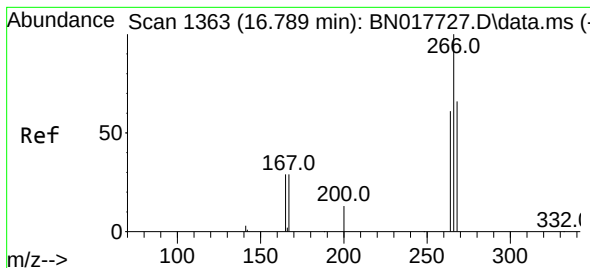
Tgt Ion:198 Resp: 132
Ion Ratio Lower Upper
198 100
182 376.9 11.4 17.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.116 ng
RT: 16.582 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BN017756.D
Acq: 07 Dec 2021 07:57

Tgt Ion:200 Resp: 1236
Ion Ratio Lower Upper
200 100
173 246.9 17.6 26.4#
215 36.6 40.2 60.4#





#24

Pentachlorophenol

Concen: 0.179 ng

RT: 16.776 min Scan# 1362

Delta R.T. -0.013 min

Lab File: BN017756.D

Acq: 07 Dec 2021 07:57

Instrument :

BNA_N

ClientSampleId :

MW-28RE

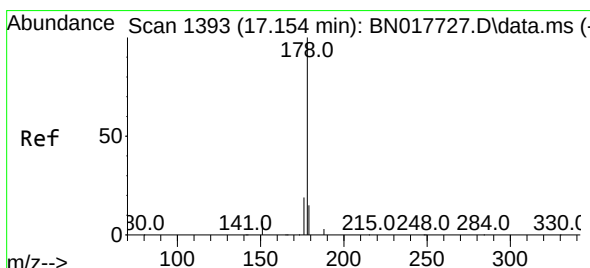
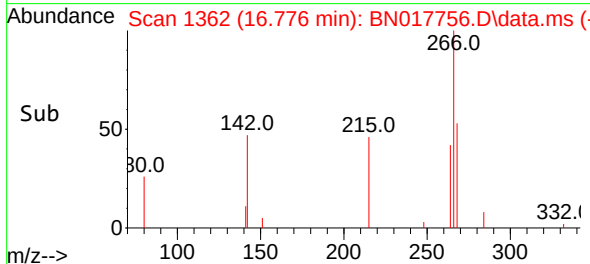
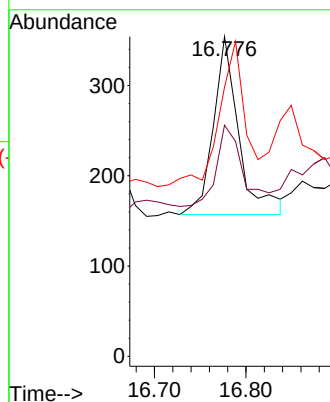
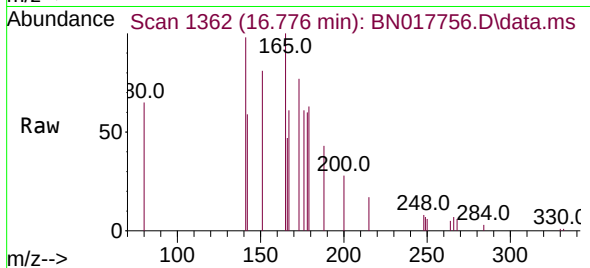
Tgt Ion:266 Resp: 382

Ion Ratio Lower Upper

266 100

264 47.4 49.8 74.8#

268 79.3 51.3 76.9#



#25

Phenanthrene

Concen: 0.171 ng

RT: 17.154 min Scan# 1393

Delta R.T. 0.000 min

Lab File: BN017756.D

Acq: 07 Dec 2021 07:57

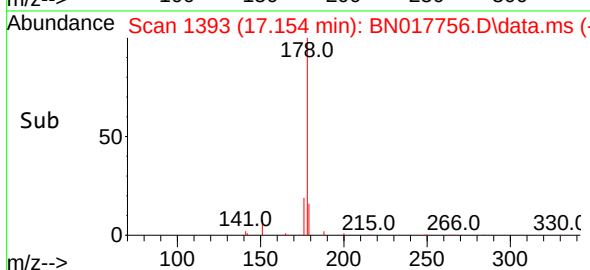
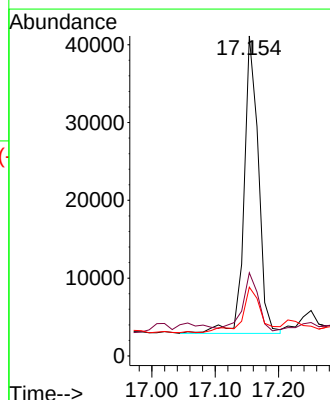
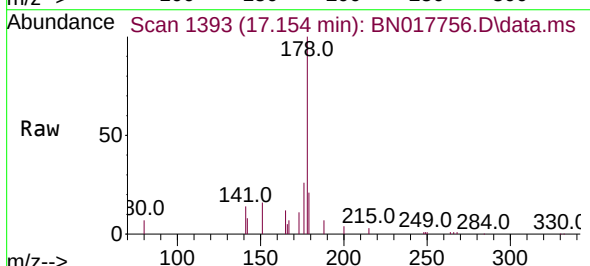
Tgt Ion:178 Resp: 60067

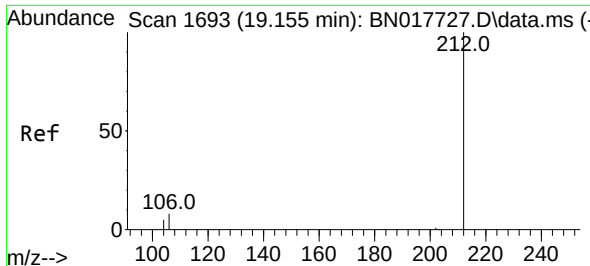
Ion Ratio Lower Upper

178 100

176 20.5 15.0 22.6

179 19.8 12.3 18.5#

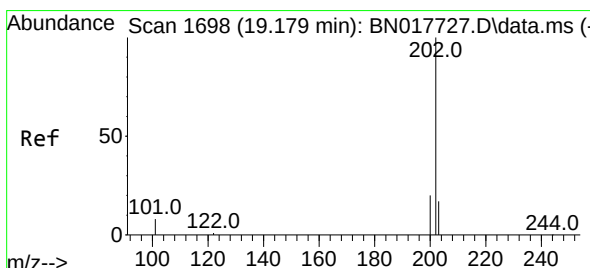
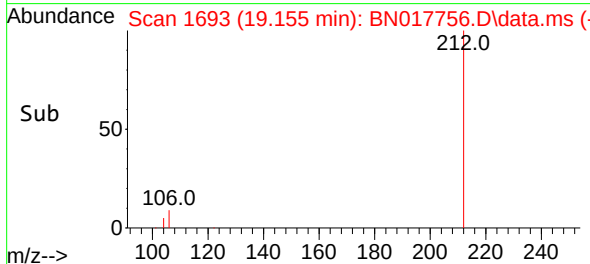
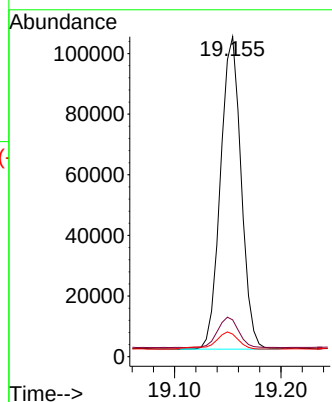
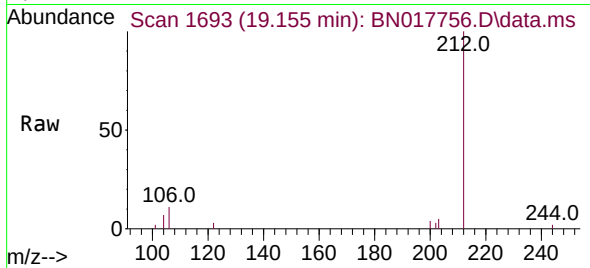




#27
Fluoranthene-d10
Concen: 0.310 ng
RT: 19.155 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BN017756.D
Acq: 07 Dec 2021 07:57

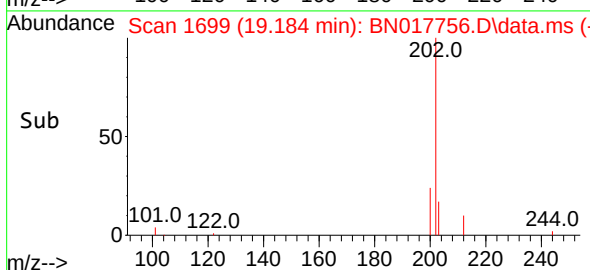
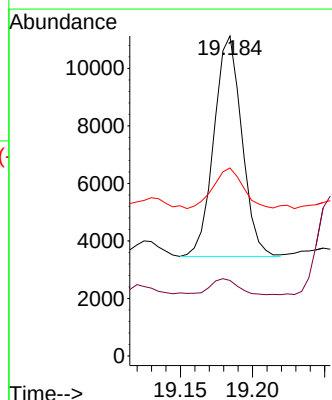
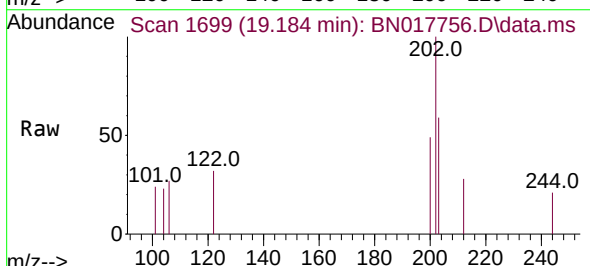
Instrument :
BNA_N
ClientSampleId :
MW-28RE

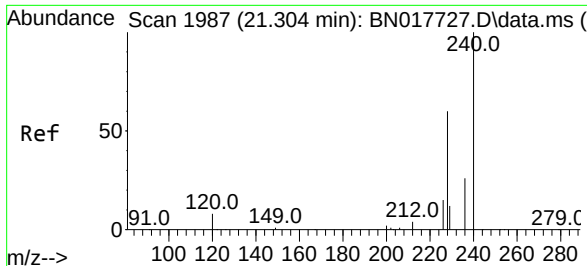
Tgt Ion:212 Resp: 138880
Ion Ratio Lower Upper
212 100
106 9.9 10.5 15.7#
104 6.3 5.8 8.6



#28
Fluoranthene
Concen: 0.024 ng
RT: 19.184 min Scan# 1699
Delta R.T. 0.005 min
Lab File: BN017756.D
Acq: 07 Dec 2021 07:57

Tgt Ion:202 Resp: 10334
Ion Ratio Lower Upper
202 100
101 7.7 8.9 13.3#
203 19.5 13.8 20.6

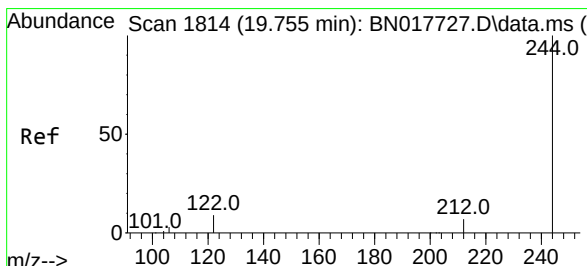
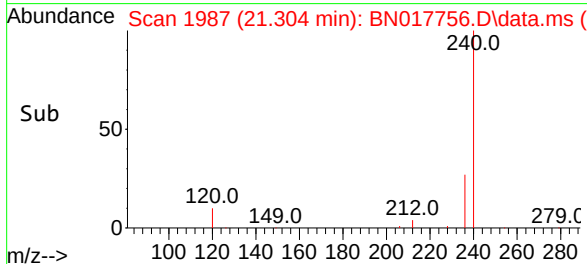
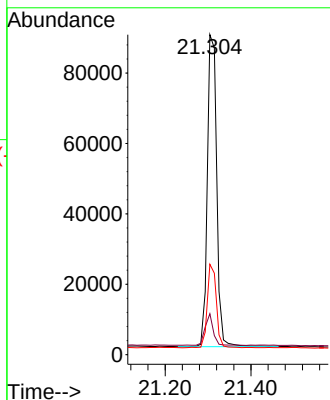
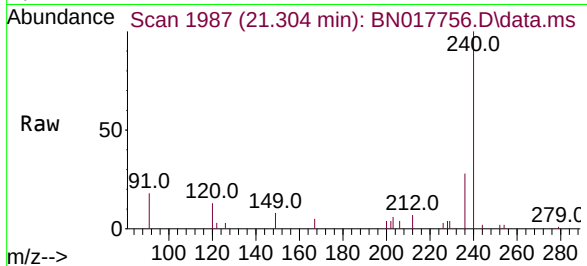




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BN017756.D
Acq: 07 Dec 2021 07:57

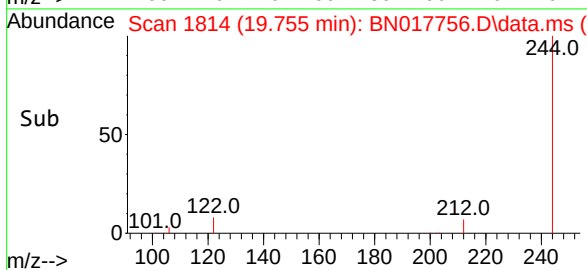
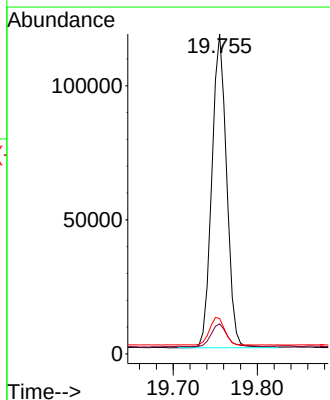
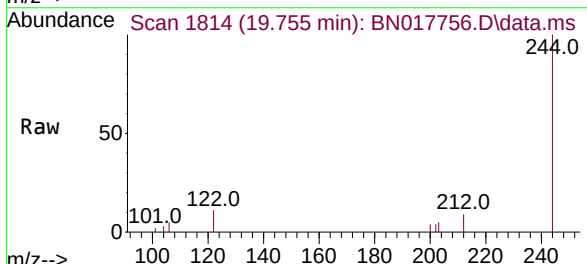
Instrument :
BNA_N
ClientSampleId :
MW-28RE

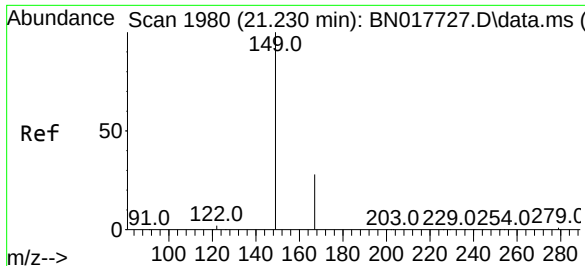
Tgt Ion:240 Resp: 134774
Ion Ratio Lower Upper
240 100
120 12.8 4.2 6.2#
236 28.3 20.0 30.0



#31
Terphenyl-d14
Concen: 0.412 ng
RT: 19.755 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BN017756.D
Acq: 07 Dec 2021 07:57

Tgt Ion:244 Resp: 142399
Ion Ratio Lower Upper
244 100
212 9.4 5.7 8.5#
122 11.1 8.6 13.0

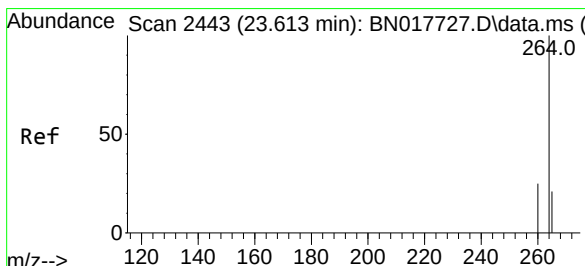
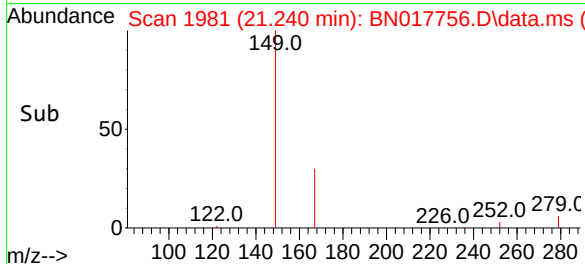
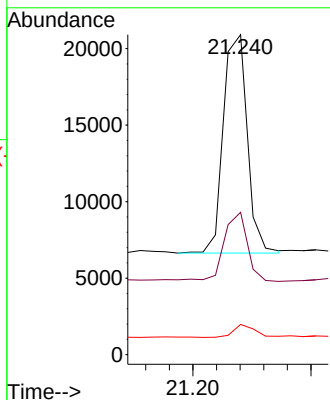
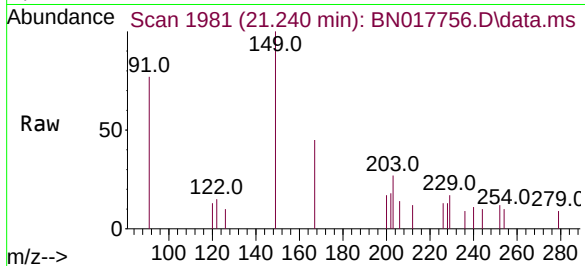




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.095 ng
RT: 21.240 min Scan# 1980
Delta R.T. 0.011 min
Lab File: BN017756.D
Acq: 07 Dec 2021 07:57

Instrument :
BNA_N
ClientSampleId :
MW-28RE

Tgt Ion:149 Resp: 20124
Ion Ratio Lower Upper
149 100
167 31.7 21.8 32.6
279 5.4 3.4 5.0#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.617 min Scan# 2444
Delta R.T. 0.003 min
Lab File: BN017756.D
Acq: 07 Dec 2021 07:57

Tgt Ion:264 Resp: 124912
Ion Ratio Lower Upper
264 100
260 25.8 19.4 29.2
265 27.6 18.6 28.0

