

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
 Data File : BN017755.D
 Acq On : 07 Dec 2021 07:21
 Operator : CG/JU
 Sample : M4918-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-37

Quant Time: Dec 07 16:02:12 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)

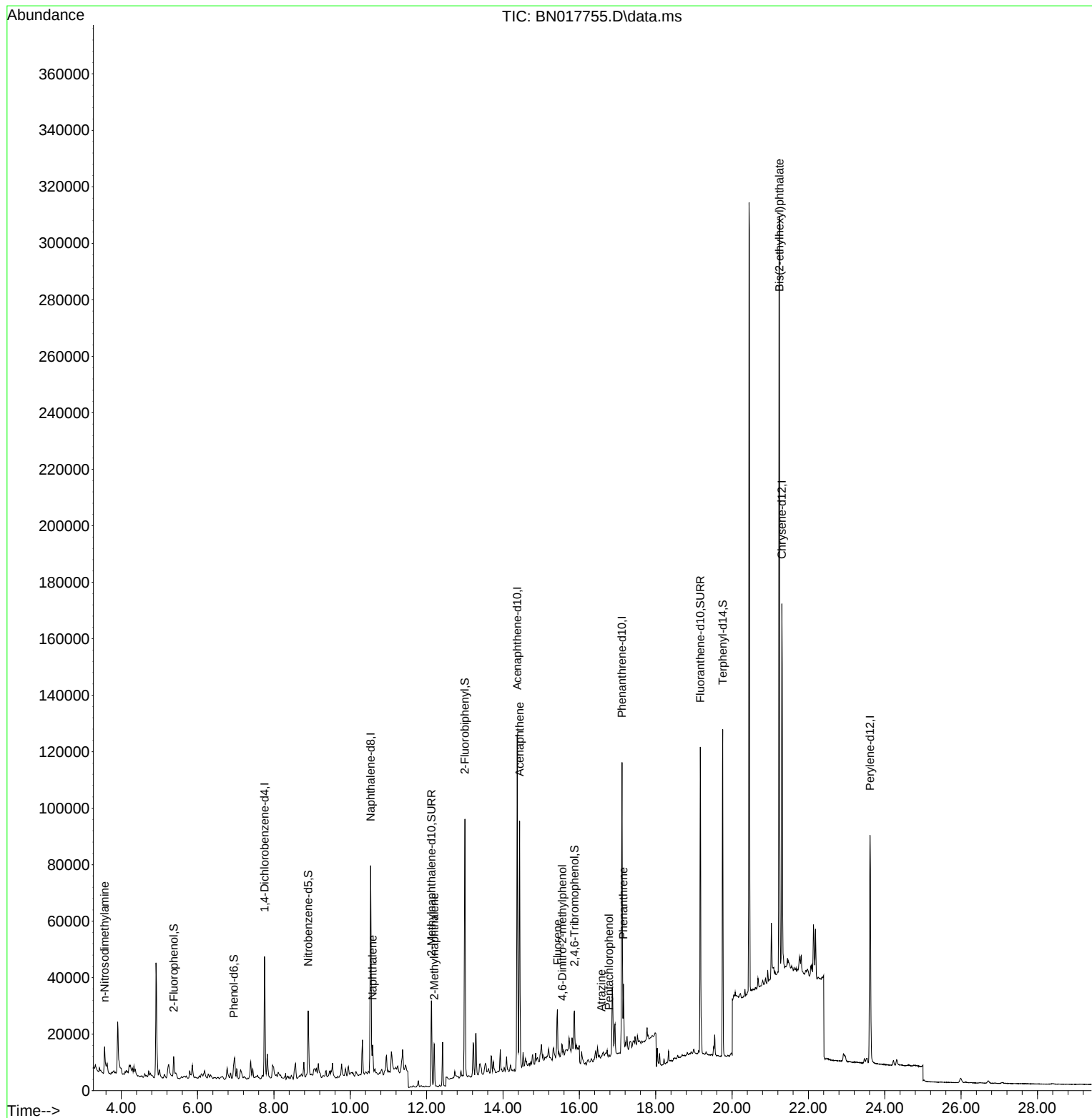
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	24340	0.400	ng	0.00
7) Naphthalene-d8	10.532	136	100110	0.400	ng	# 0.00
13) Acenaphthene-d10	14.373	164	65458	0.400	ng	0.00
19) Phenanthrene-d10	17.117	188	139281	0.400	ng	0.00
29) Chrysene-d12	21.304	240	131872	0.400	ng	# 0.00
35) Perylene-d12	23.613	264	116508	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.373	112	7998	0.153	ng	0.02
5) Phenol-d6	6.950	99	4748	0.085	ng	0.02
8) Nitrobenzene-d5	8.897	82	20292	0.300	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	42651	0.233	ng	0.00
14) 2,4,6-Tribromophenol	15.870	330	13150	0.458	ng	0.00
15) 2-Fluorobiphenyl	13.003	172	77951	0.322	ng	0.00
27) Fluoranthene-d10	19.169	212	124322	0.265	ng	0.01
31) Terphenyl-d14	19.755	244	119747	0.354	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.566	42	3269	0.142	ng	# 1
9) Naphthalene	10.583	128	11369	0.046	ng	# 93
12) 2-Methylnaphthalene	12.201	142	11138	0.065	ng	# 96
17) Acenaphthene	14.436	154	43442	0.255	ng	99
18) Fluorene	15.426	166	11407	0.052	ng	# 97
20) 4,6-Dinitro-2-methylph...	15.553	198	139	0.174	ng	# 1
23) Atrazine	16.582	200	402	0.104	ng	# 1
24) Pentachlorophenol	16.776	266	185	0.169	ng	# 84
25) Phenanthrene	17.154	178	25600	0.070	ng	99
34) Bis(2-ethylhexyl)phtha...	21.240	149	287265	1.381	ng	98

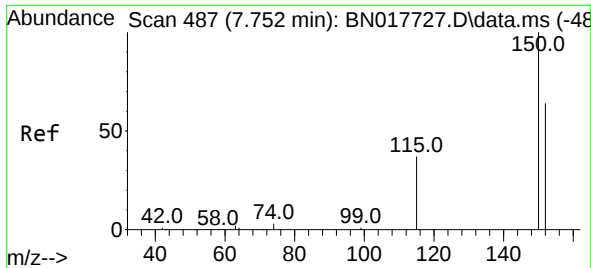
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 06 15:58:05 2021
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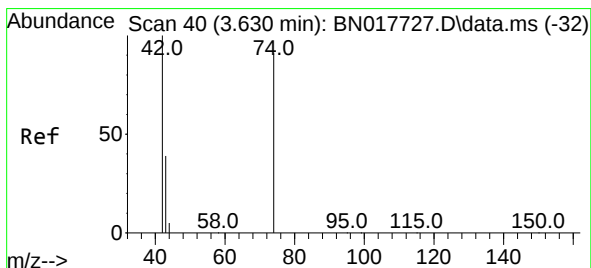
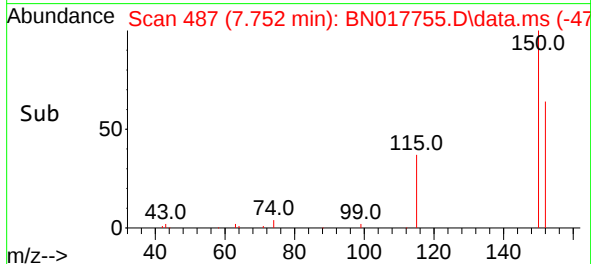
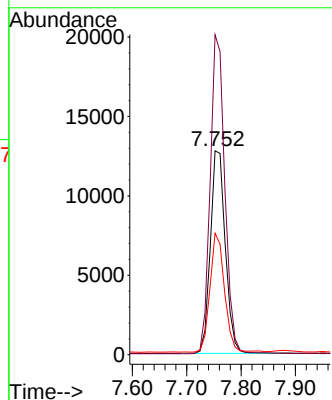
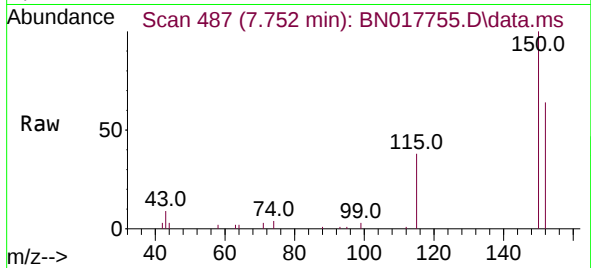




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.752 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN017755.D
Acq: 07 Dec 2021 07:21

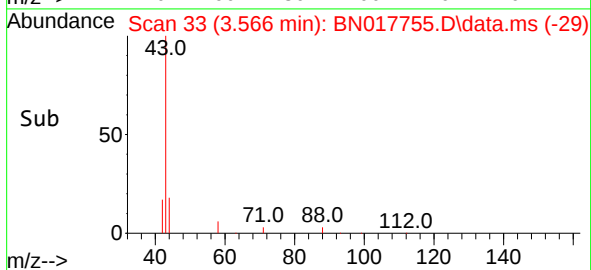
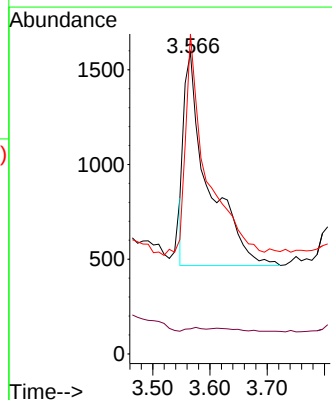
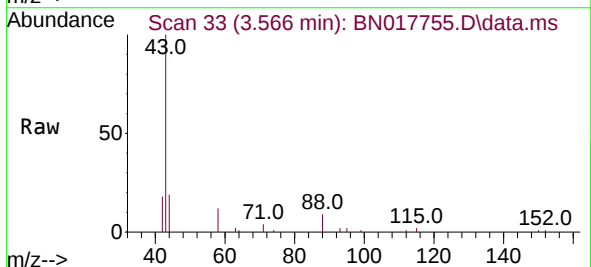
Instrument :
BNA_N
ClientSampleId :
MW-37

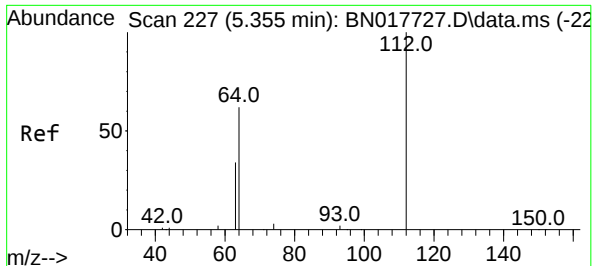
Tgt Ion:152 Resp: 24340
Ion Ratio Lower Upper
152 100
150 156.9 123.0 184.4
115 59.5 45.6 68.4



#3
n-Nitrosodimethylamine
Concen: 0.142 ng
RT: 3.566 min Scan# 33
Delta R.T. -0.065 min
Lab File: BN017755.D
Acq: 07 Dec 2021 07:21

Tgt Ion: 42 Resp: 3269
Ion Ratio Lower Upper
42 100
74 1.1 97.8 146.6#
44 84.5 5.5 8.3#

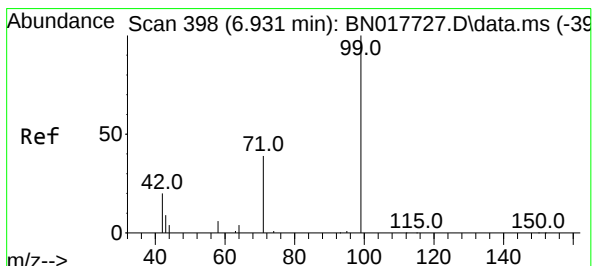
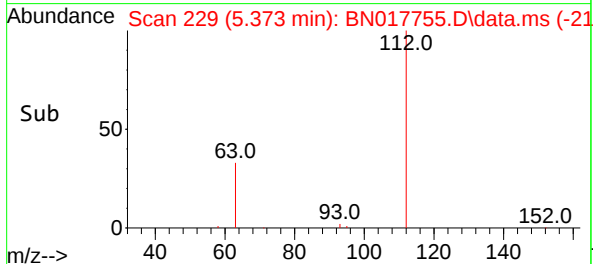
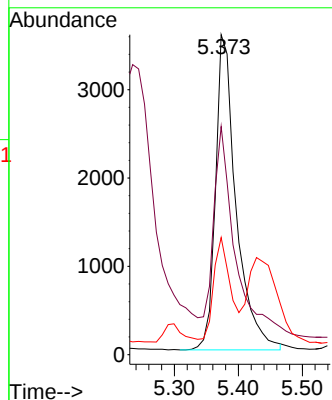
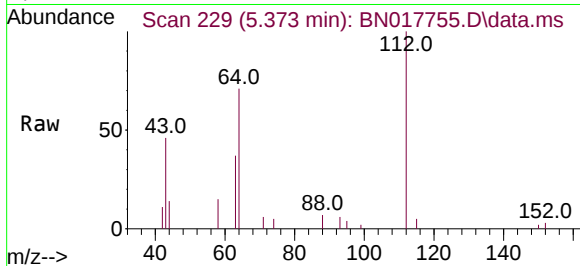




#4
2-Fluorophenol
Concen: 0.153 ng
RT: 5.373 min Scan# 21
Delta R.T. 0.018 min
Lab File: BN017755.D
Acq: 07 Dec 2021 07:21

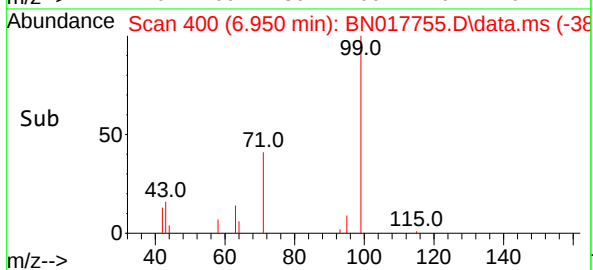
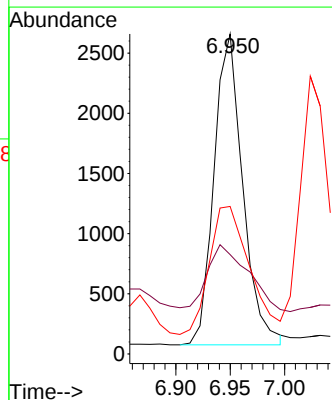
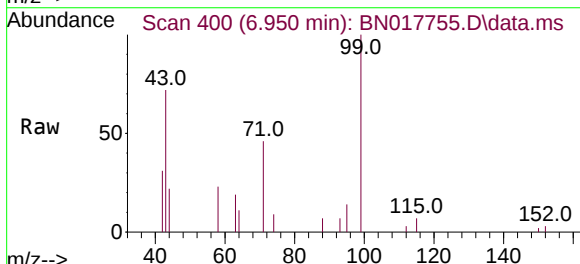
Instrument :
BNA_N
ClientSampleId :
MW-37

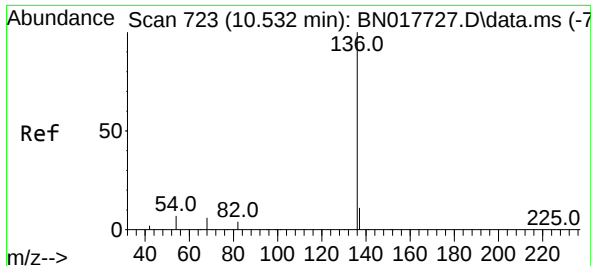
Tgt Ion: 112 Resp: 7998
Ion Ratio Lower Upper
112 100
64 59.2 47.6 71.4
63 26.0 24.6 37.0



#5
Phenol-d6
Concen: 0.085 ng
RT: 6.950 min Scan# 400
Delta R.T. 0.018 min
Lab File: BN017755.D
Acq: 07 Dec 2021 07:21

Tgt Ion: 99 Resp: 4748
Ion Ratio Lower Upper
99 100
42 28.6 17.0 25.6#
71 57.6 24.8 37.2#

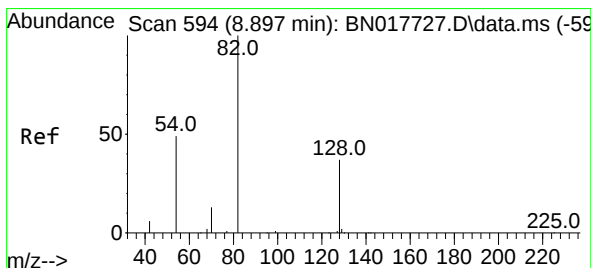
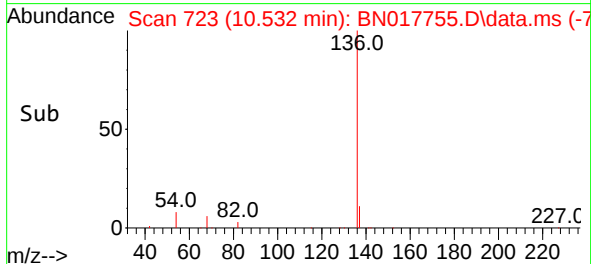
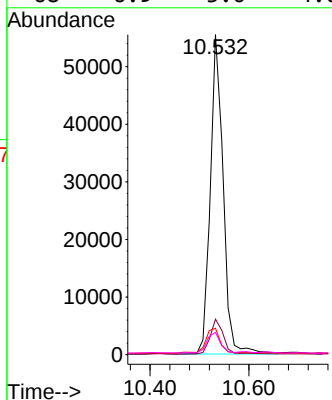
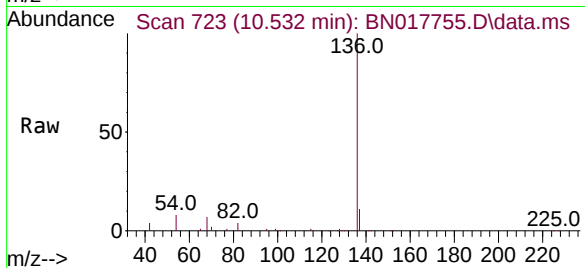




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.532 min Scan# 723
Delta R.T. -0.000 min
Lab File: BN017755.D
Acq: 07 Dec 2021 07:21

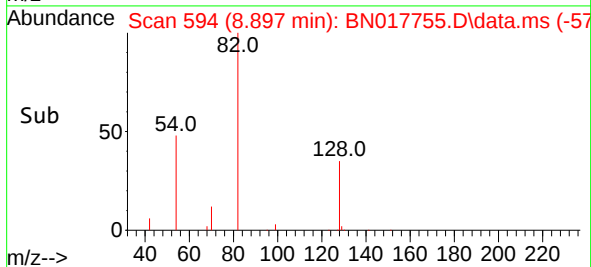
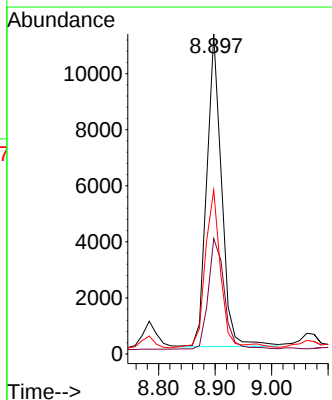
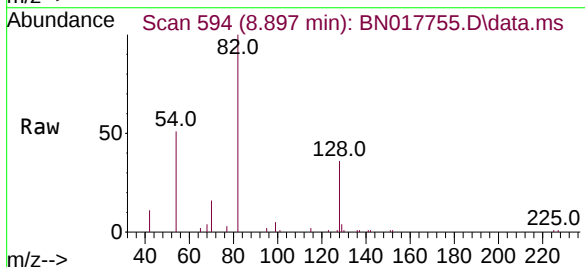
Instrument :
BNA_N
ClientSampleId :
MW-37

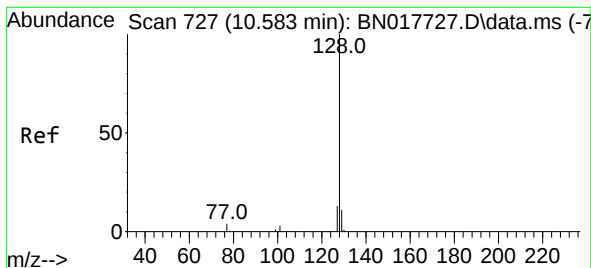
Tgt Ion:136 Resp: 100110
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.2 4.0 6.0#
68 6.9 3.0 4.6#



#8
Nitrobenzene-d5
Concen: 0.300 ng
RT: 8.897 min Scan# 594
Delta R.T. -0.000 min
Lab File: BN017755.D
Acq: 07 Dec 2021 07:21

Tgt Ion: 82 Resp: 20292
Ion Ratio Lower Upper
82 100
128 36.1 27.7 41.5
54 51.3 49.2 73.8





#9

Naphthalene

Concen: 0.046 ng

RT: 10.583 min Scan# 727

Delta R.T. -0.000 min

Lab File: BN017755.D

Acq: 07 Dec 2021 07:21

Instrument :

BNA_N

ClientSampleId :

MW-37

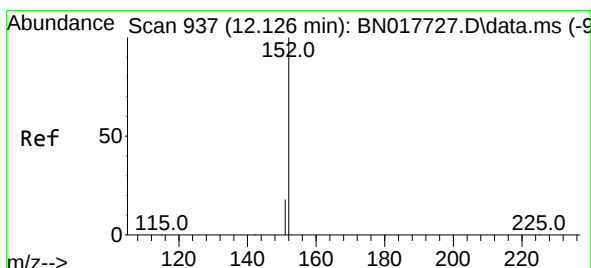
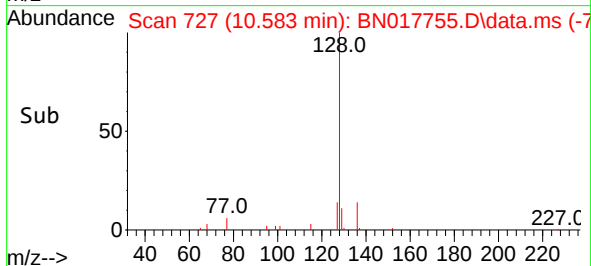
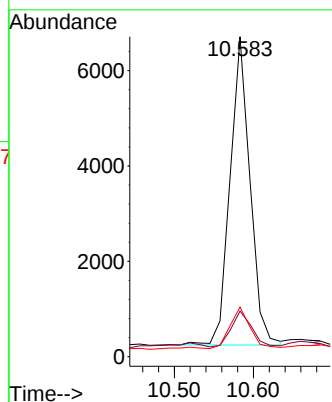
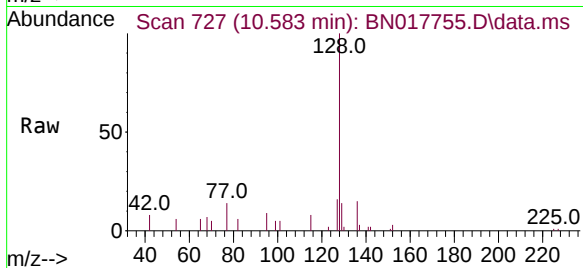
Tgt Ion:128 Resp: 11369

Ion Ratio Lower Upper

128 100

129 14.3 8.8 13.2#

127 15.5 10.6 15.8



#11

2-Methylnaphthalene-d10

Concen: 0.233 ng

RT: 12.126 min Scan# 937

Delta R.T. -0.000 min

Lab File: BN017755.D

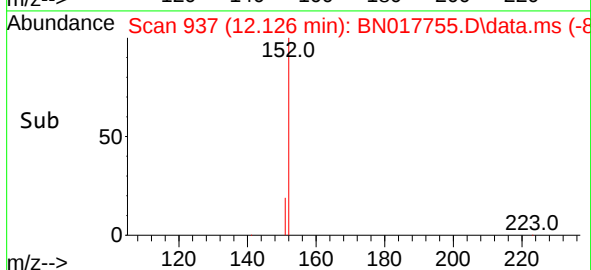
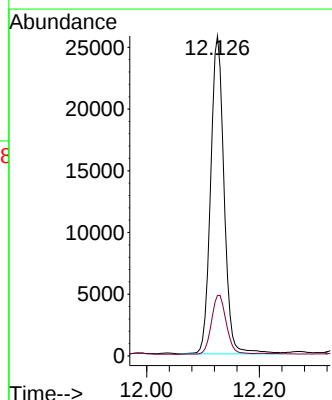
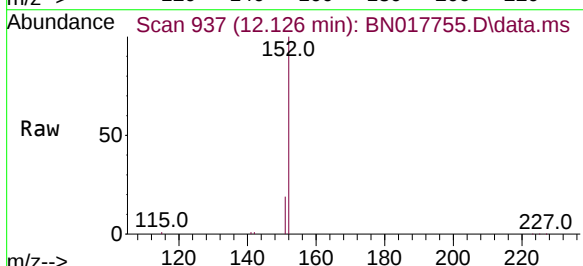
Acq: 07 Dec 2021 07:21

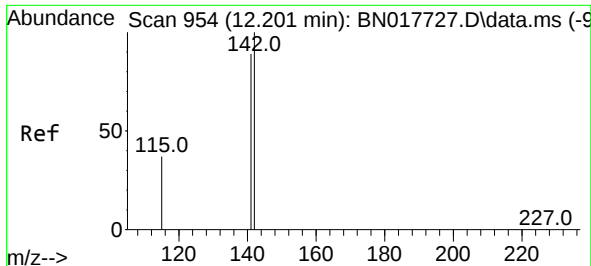
Tgt Ion:152 Resp: 42651

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4





#12

2-Methylnaphthalene

Concen: 0.065 ng

RT: 12.201 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN017755.D

Acq: 07 Dec 2021 07:21

Instrument :

BNA_N

ClientSampleId :

MW-37

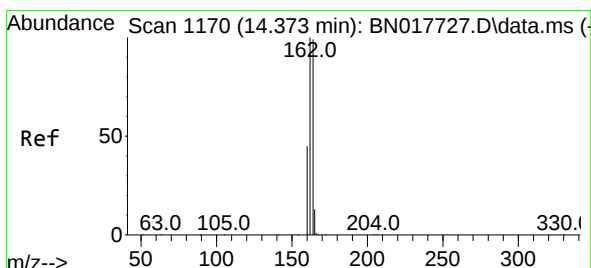
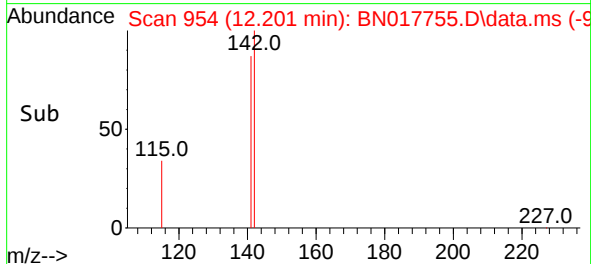
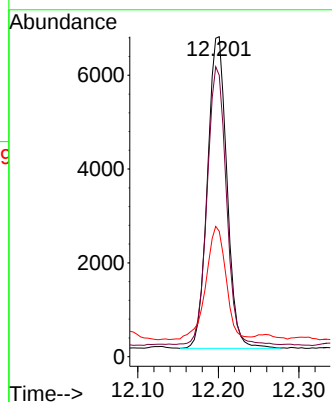
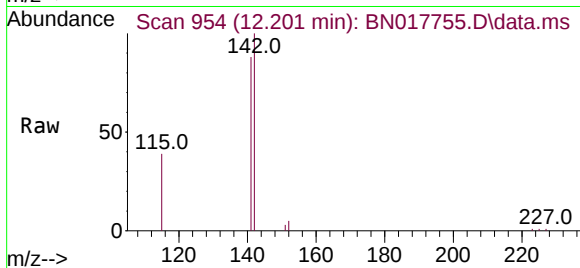
Tgt Ion:142 Resp: 11138

Ion Ratio Lower Upper

142 100

141 87.9 70.6 106.0

115 39.2 25.8 38.6#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.373 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BN017755.D

Acq: 07 Dec 2021 07:21

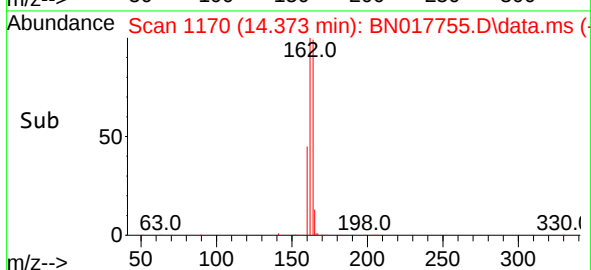
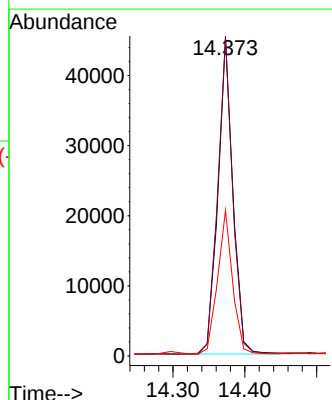
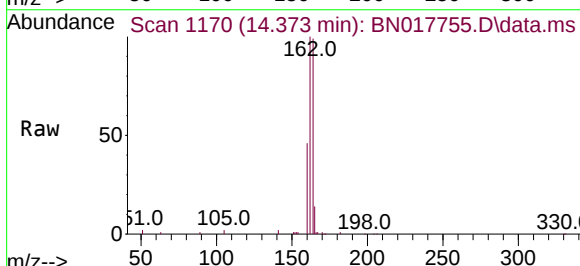
Tgt Ion:164 Resp: 65458

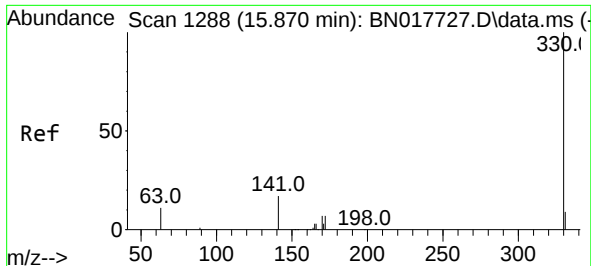
Ion Ratio Lower Upper

164 100

162 100.5 81.4 122.2

160 45.8 36.8 55.2

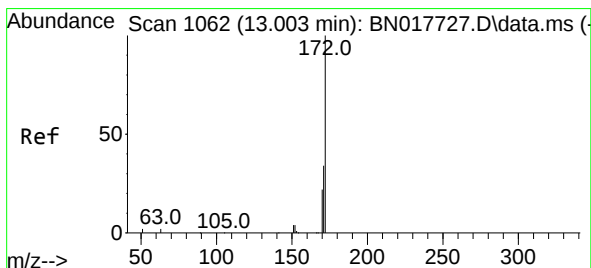
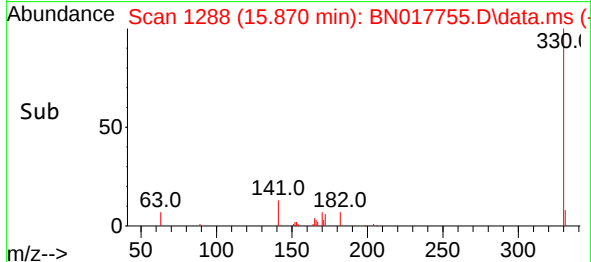
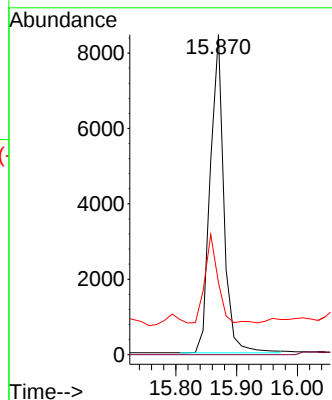
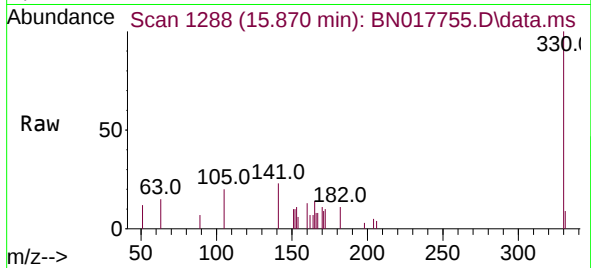




#14
 2,4,6-Tribromophenol
 Concen: 0.458 ng
 RT: 15.870 min Scan# 1288
 Delta R.T. 0.000 min
 Lab File: BN017755.D
 Acq: 07 Dec 2021 07:21

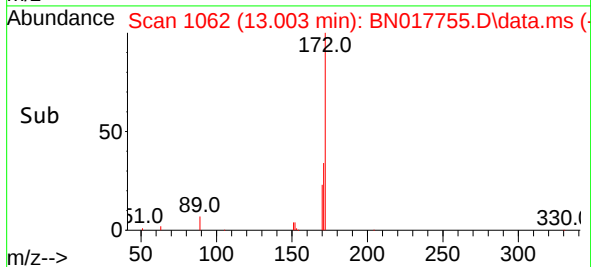
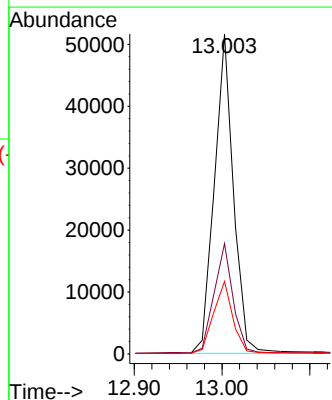
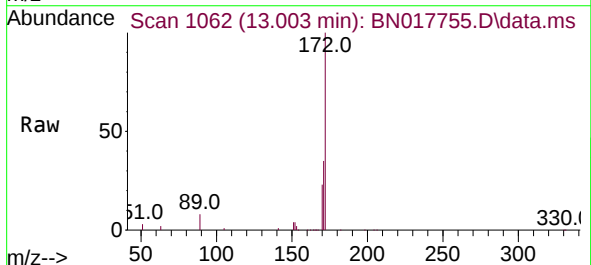
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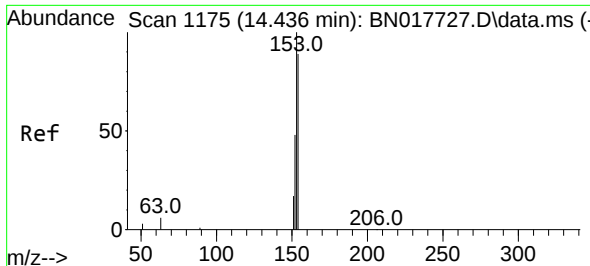
Tgt Ion: 330 Resp: 13150
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 26.4 28.9 43.3#



#15
 2-Fluorobiphenyl
 Concen: 0.322 ng
 RT: 13.003 min Scan# 1062
 Delta R.T. -0.000 min
 Lab File: BN017755.D
 Acq: 07 Dec 2021 07:21

Tgt Ion: 172 Resp: 77951
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.7 43.1
 170 22.7 19.4 29.2

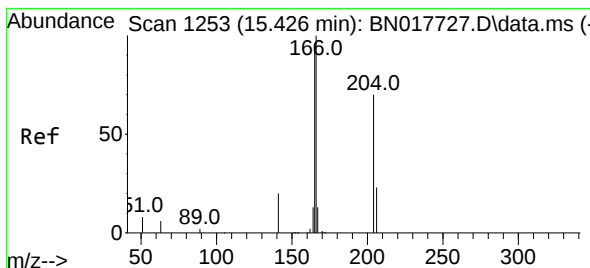
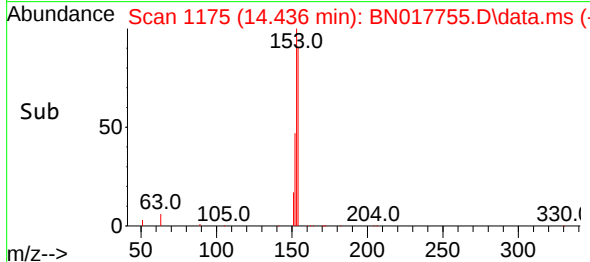
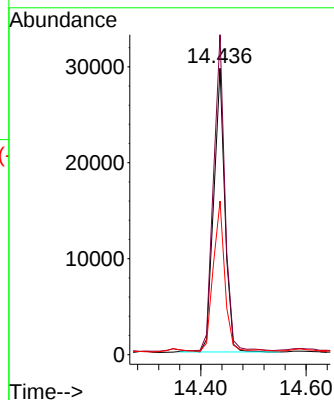
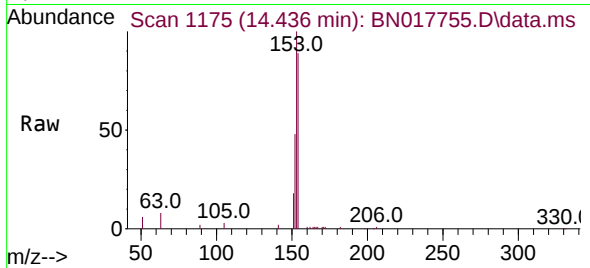




#17
Acenaphthene
Concen: 0.255 ng
RT: 14.436 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BN017755.D
Acq: 07 Dec 2021 07:21

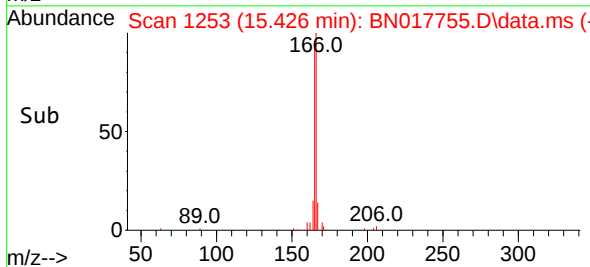
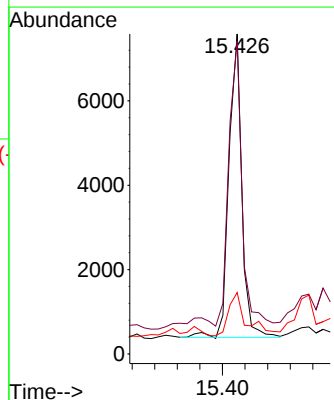
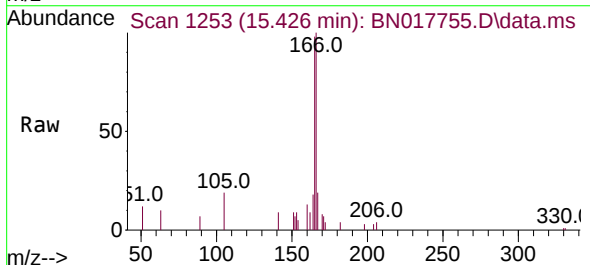
Instrument :
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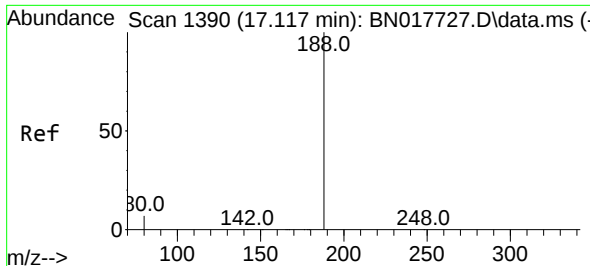
Tgt Ion:154 Resp: 43442
Ion Ratio Lower Upper
154 100
153 112.8 91.2 136.8
152 54.2 44.3 66.5



#18
Fluorene
Concen: 0.052 ng
RT: 15.426 min Scan# 1253
Delta R.T. -0.000 min
Lab File: BN017755.D
Acq: 07 Dec 2021 07:21

Tgt Ion:166 Resp: 11407
Ion Ratio Lower Upper
166 100
165 96.4 77.9 116.9
167 20.0 10.9 16.3#

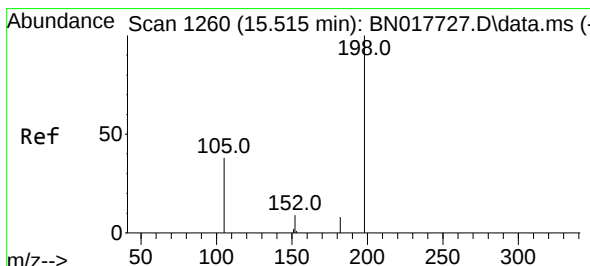
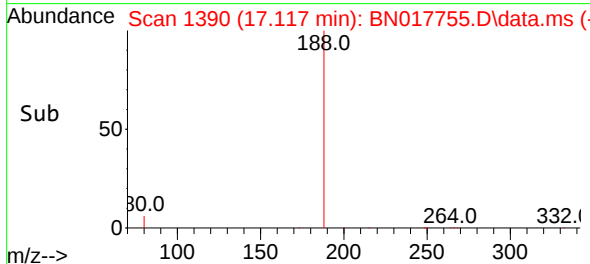
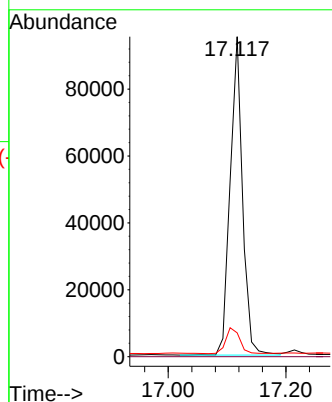
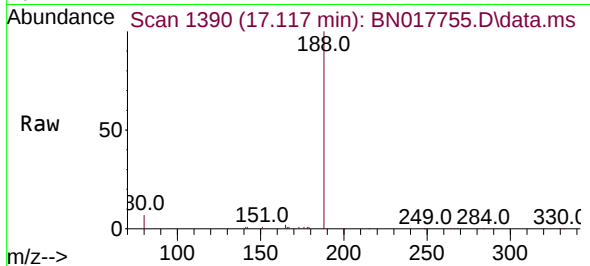




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.117 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017755.D
Acq: 07 Dec 2021 07:21

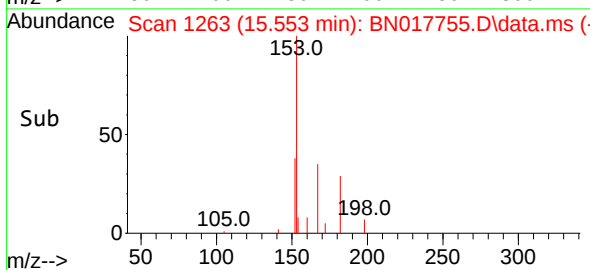
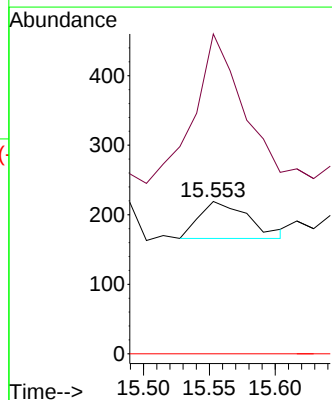
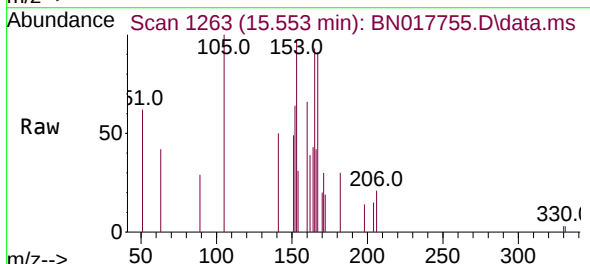
Instrument :
BNA_N
ClientSampleId :
MW-37

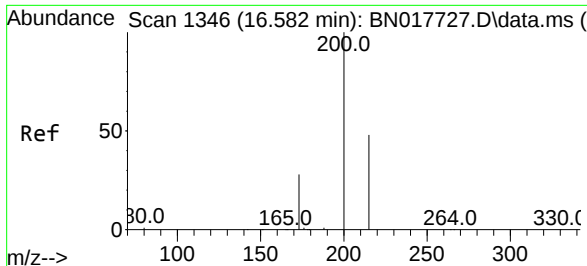
Tgt Ion:188 Resp: 139281
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 6.1 9.1



#20
4,6-Dinitro-2-methylphenol
Concen: 0.174 ng
RT: 15.553 min Scan# 1263
Delta R.T. 0.038 min
Lab File: BN017755.D
Acq: 07 Dec 2021 07:21

Tgt Ion:198 Resp: 139
Ion Ratio Lower Upper
198 100
182 210.0 11.4 17.2#
77 0.0 0.0 0.0

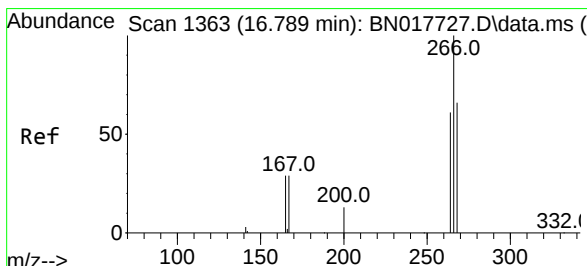
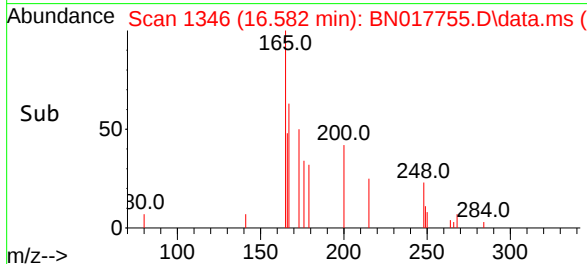
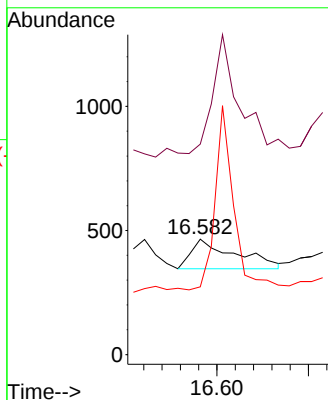
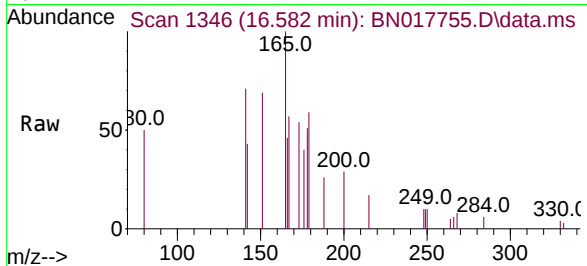




#23
 Atrazine
 Concen: 0.104 ng
 RT: 16.582 min Scan# 1346
 Delta R.T. -0.000 min
 Lab File: BN017755.D
 Acq: 07 Dec 2021 07:21

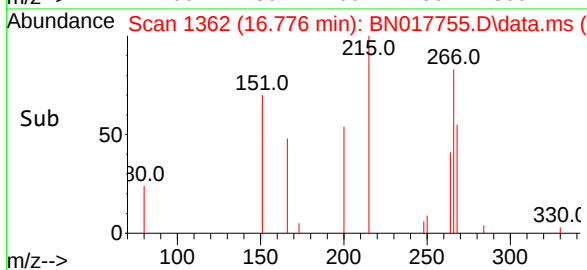
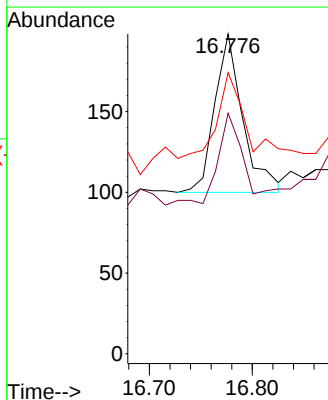
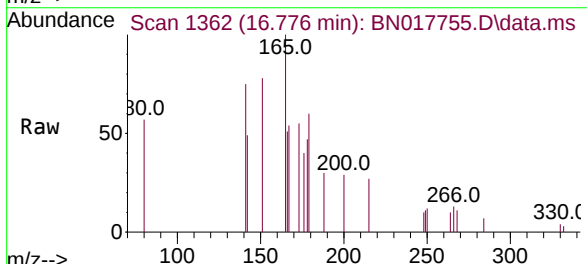
Instrument :
 BNA_N
 ClientSampleId :
 MW-37

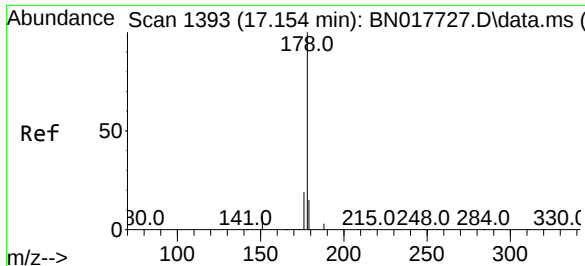
Tgt Ion:200 Resp: 402
 Ion Ratio Lower Upper
 200 100
 173 182.4 17.6 26.4#
 215 58.7 40.2 60.4



#24
 Pentachlorophenol
 Concen: 0.169 ng
 RT: 16.776 min Scan# 1362
 Delta R.T. -0.013 min
 Lab File: BN017755.D
 Acq: 07 Dec 2021 07:21

Tgt Ion:266 Resp: 185
 Ion Ratio Lower Upper
 266 100
 264 44.9 49.8 74.8#
 268 56.2 51.3 76.9

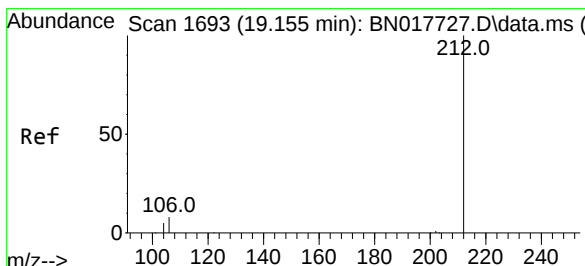
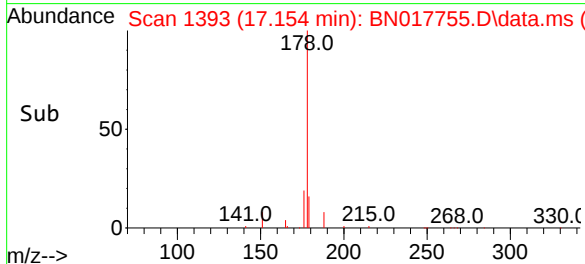
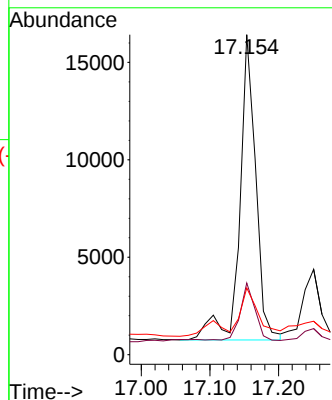
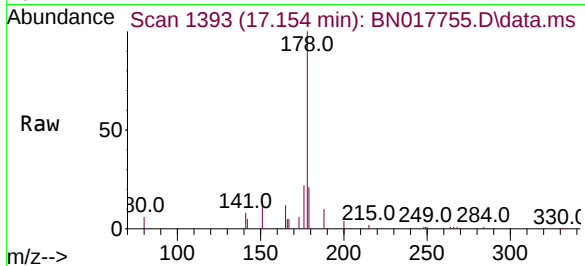




#25
Phenanthrene
Concen: 0.070 ng
RT: 17.154 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BN017755.D
Acq: 07 Dec 2021 07:21

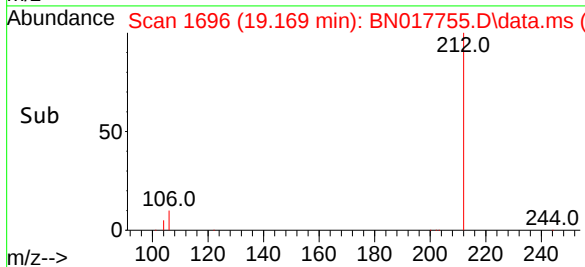
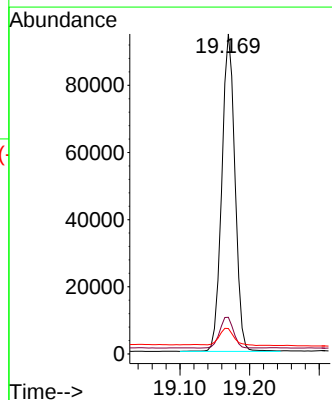
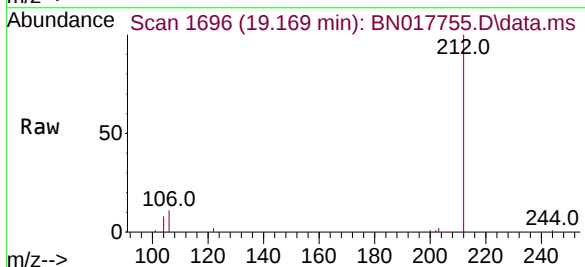
Instrument :
BNA_N
ClientSampleId :
MW-37

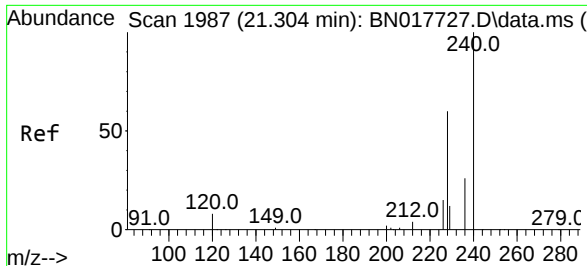
Tgt Ion:178 Resp: 25600
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 14.9 12.3 18.5



#27
Fluoranthene-d10
Concen: 0.265 ng
RT: 19.169 min Scan# 1696
Delta R.T. 0.015 min
Lab File: BN017755.D
Acq: 07 Dec 2021 07:21

Tgt Ion:212 Resp: 124322
Ion Ratio Lower Upper
212 100
106 10.1 10.5 15.7#
104 5.9 5.8 8.6

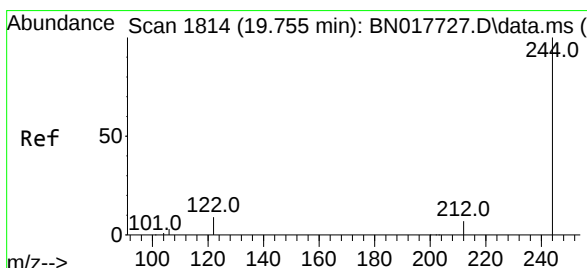
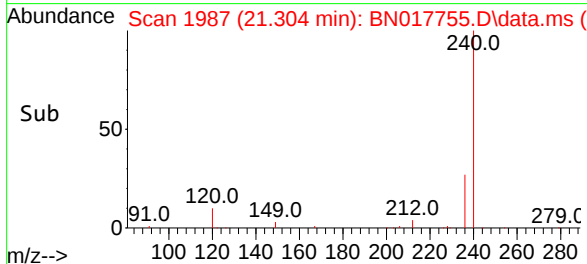
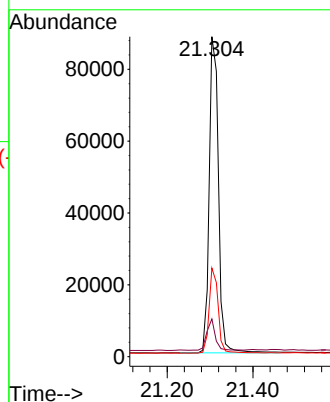
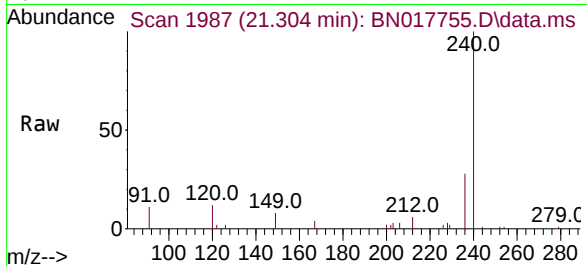




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017755.D
Acq: 07 Dec 2021 07:21

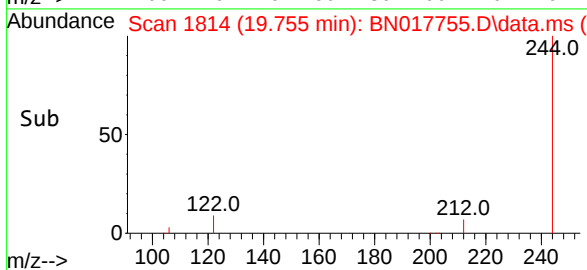
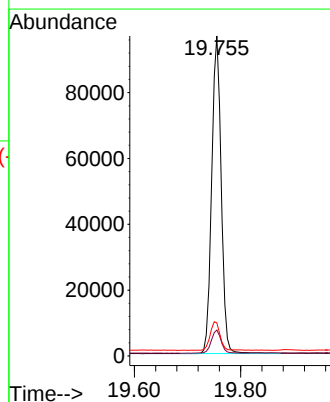
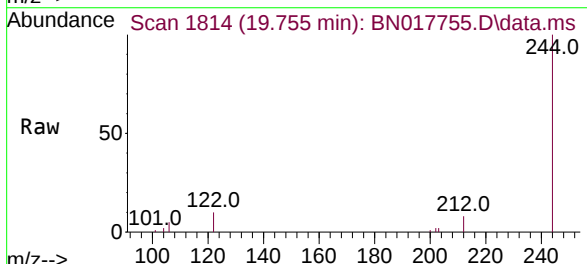
Instrument :
BNA_N
ClientSampleId :
MW-37

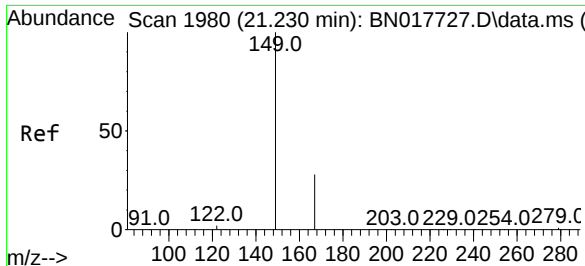
Tgt Ion:240 Resp: 131872
Ion Ratio Lower Upper
240 100
120 11.8 4.2 6.2#
236 27.7 20.0 30.0



#31
Terphenyl-d14
Concen: 0.354 ng
RT: 19.755 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BN017755.D
Acq: 07 Dec 2021 07:21

Tgt Ion:244 Resp: 119747
Ion Ratio Lower Upper
244 100
212 8.1 5.7 8.5
122 10.4 8.6 13.0

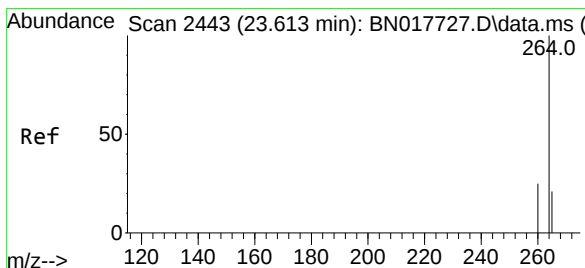
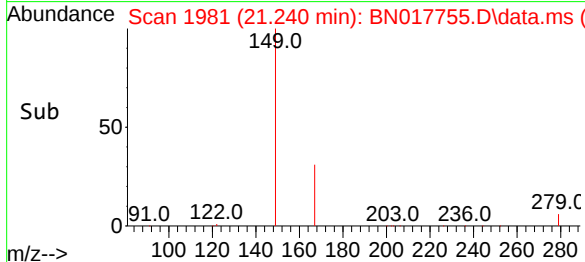
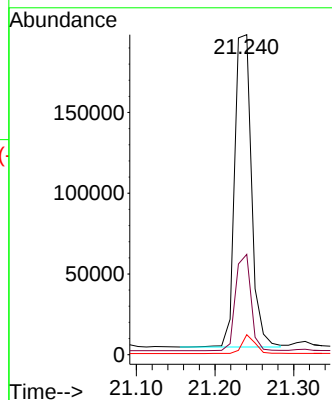
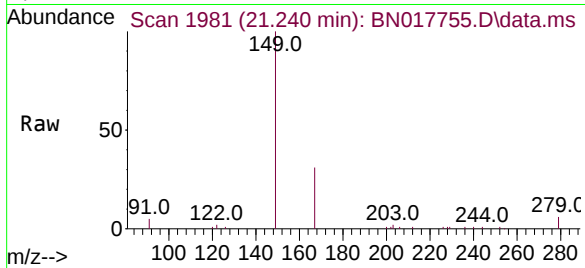




#34
Bis(2-ethylhexyl)phthalate
Concen: 1.381 ng
RT: 21.240 min Scan# 1981
Delta R.T. 0.011 min
Lab File: BN017755.D
Acq: 07 Dec 2021 07:21

Instrument :
BNA_N
ClientSampleId :
MW-37

Tgt Ion:149 Resp: 287265
Ion Ratio Lower Upper
149 100
167 28.4 21.8 32.6
279 4.8 3.4 5.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.613 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN017755.D
Acq: 07 Dec 2021 07:21

Tgt Ion:264 Resp: 116508
Ion Ratio Lower Upper
264 100
260 25.6 19.4 29.2
265 28.1 18.6 28.0#

