

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
 Data File : BN017741.D
 Acq On : 06 Dec 2021 21:08
 Operator : CG/JU
 Sample : M4917-08RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-24RE

Quant Time: Dec 07 06:52:37 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)

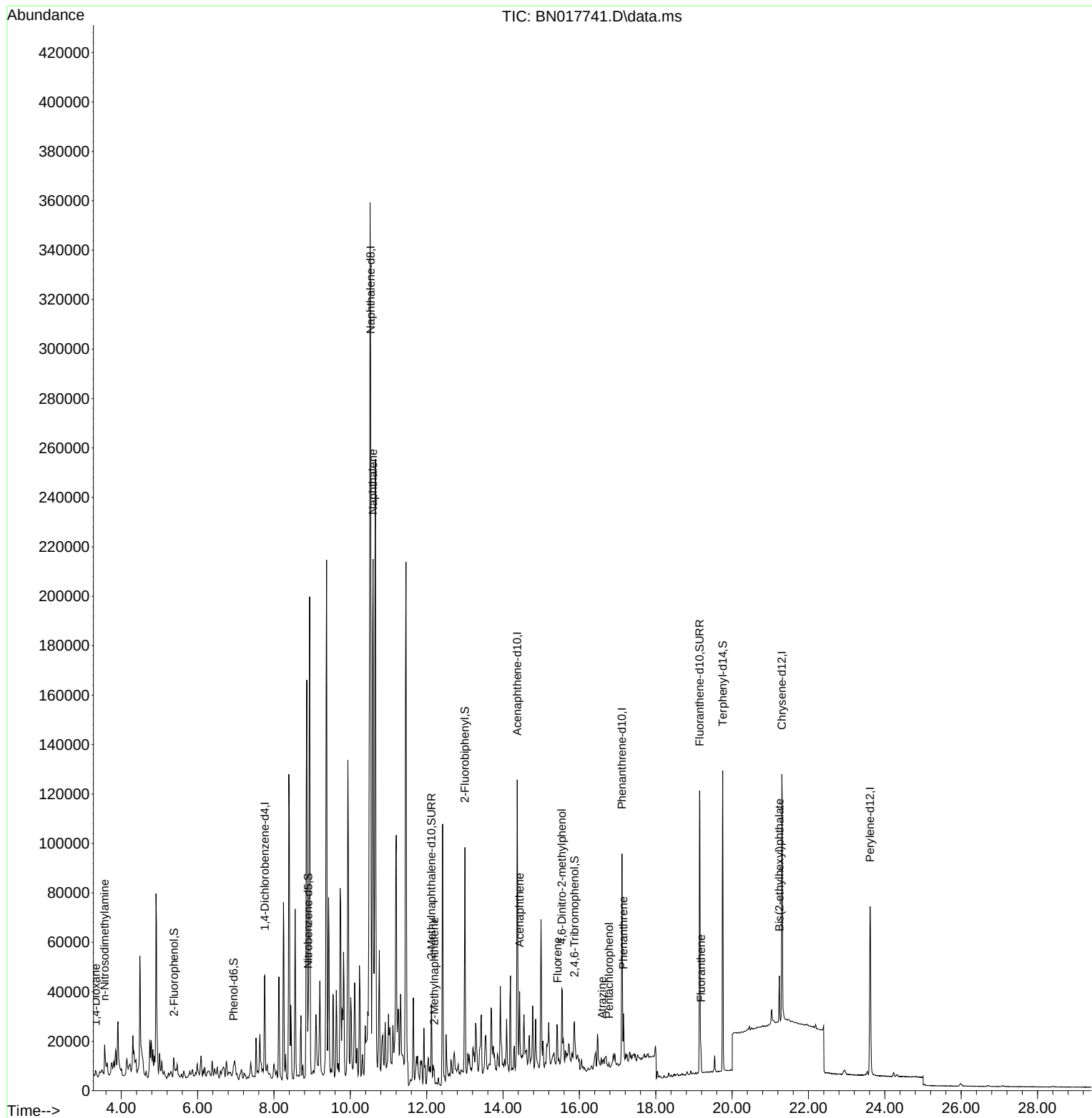
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.761	152	20090	0.400	ng	0.00
7) Naphthalene-d8	10.532	136	81066	0.400	ng	# 0.00
13) Acenaphthene-d10	14.373	164	54414	0.400	ng	# 0.00
19) Phenanthrene-d10	17.117	188	114196	0.400	ng	0.00
29) Chrysene-d12	21.304	240	109614	0.400	ng	# 0.00
35) Perylene-d12	23.616	264	96060	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.382	112	7572	0.176	ng	0.03
5) Phenol-d6	6.940	99	4861	0.105	ng	0.00
8) Nitrobenzene-d5	8.897	82	20745	0.379	ng	0.00
11) 2-Methylnaphthalene-d10	12.125	152	43082	0.290	ng	0.00
14) 2,4,6-Tribromophenol	15.870	330	14197	0.553	ng	0.00
15) 2-Fluorobiphenyl	13.002	172	77967	0.387	ng	0.00
27) Fluoranthene-d10	19.149	212	141451	0.368	ng	0.00
31) Terphenyl-d14	19.755	244	125541	0.446	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	446	0.034	ng	# 1
3) n-Nitrosodimethylamine	3.565	42	3742	0.197	ng	# 1
9) Naphthalene	10.595	128	62823	0.313	ng	# 1
12) 2-Methylnaphthalene	12.196	142	4749	0.034	ng	# 54
17) Acenaphthene	14.436	154	15217	0.108	ng	96
18) Fluorene	15.426	166	10395	0.057	ng	# 91
20) 4,6-Dinitro-2-methylph...	15.540	198	95	0.163	ng	# 1
23) Atrazine	16.593	200	659	0.109	ng	# 1
24) Pentachlorophenol	16.776	266	427	0.185	ng	93
25) Phenanthrene	17.153	178	22637	0.075	ng	# 89
28) Fluoranthene	19.184	202	8747	0.024	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.240	149	17725	0.102	ng	# 94

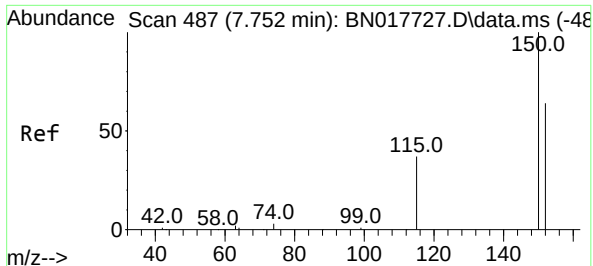
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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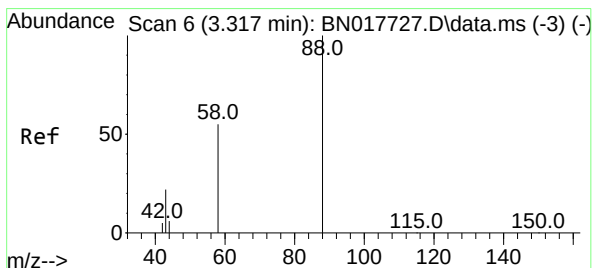
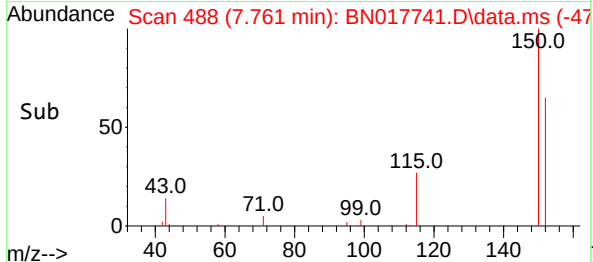
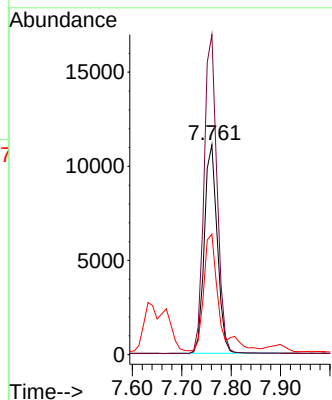
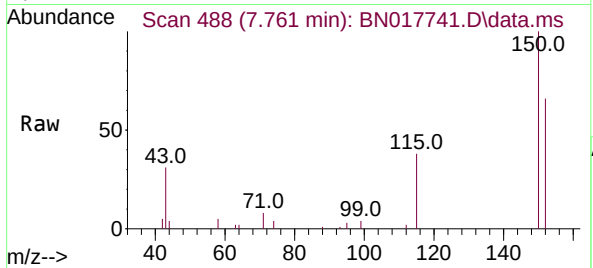




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.761 min Scan# 41
 Delta R.T. 0.009 min
 Lab File: BN017741.D
 Acq: 06 Dec 2021 21:08

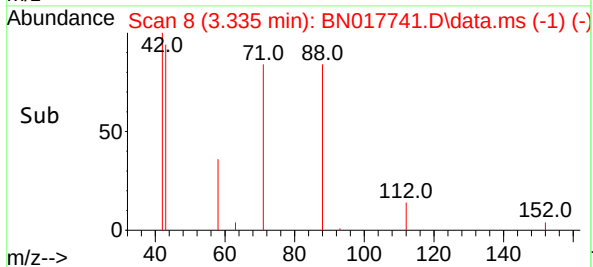
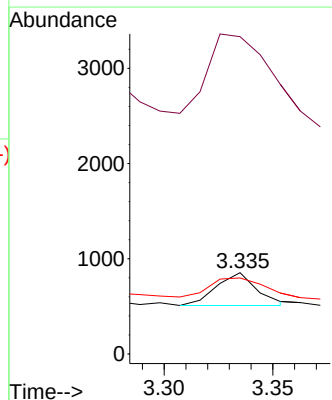
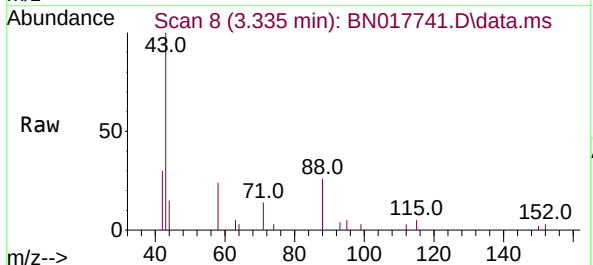
Instrument :
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 MW-24RE

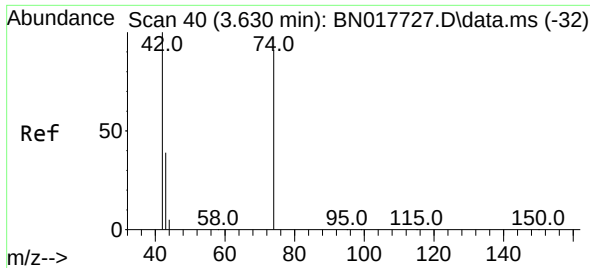
Tgt Ion:152 Resp: 20090
 Ion Ratio Lower Upper
 152 100
 150 152.4 123.0 184.4
 115 57.4 45.6 68.4



#2
 1,4-Dioxane
 Concen: 0.034 ng
 RT: 3.335 min Scan# 8
 Delta R.T. 0.018 min
 Lab File: BN017741.D
 Acq: 06 Dec 2021 21:08

Tgt Ion: 88 Resp: 446
 Ion Ratio Lower Upper
 88 100
 43 345.7 24.7 37.1#
 58 75.8 63.0 94.6

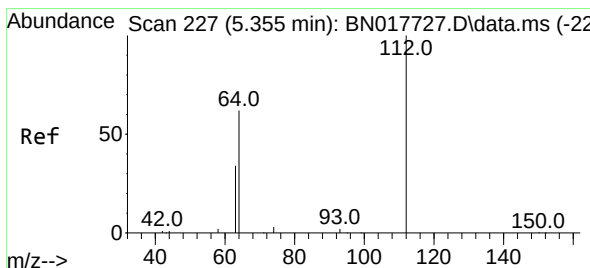
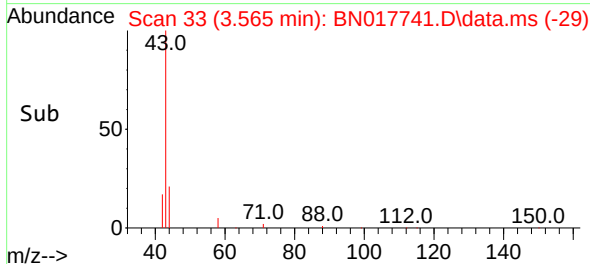
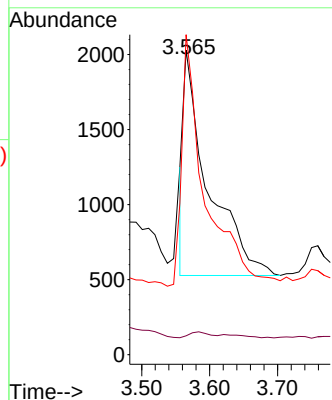
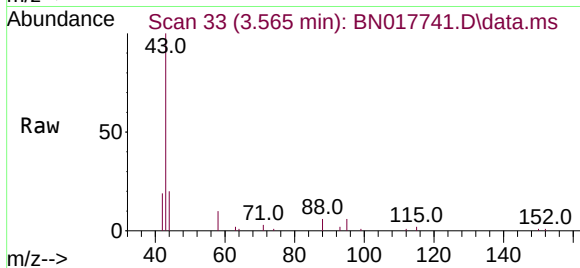




#3
 n-Nitrosodimethylamine
 Concen: 0.197 ng
 RT: 3.565 min Scan# 31
 Delta R.T. -0.065 min
 Lab File: BN017741.D
 Acq: 06 Dec 2021 21:08

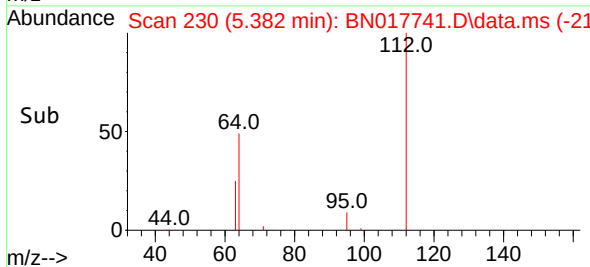
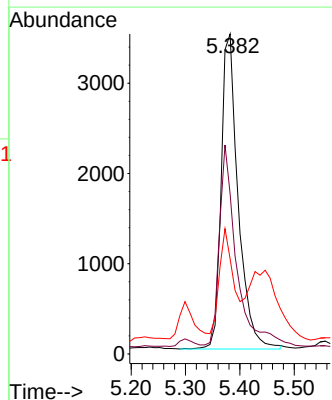
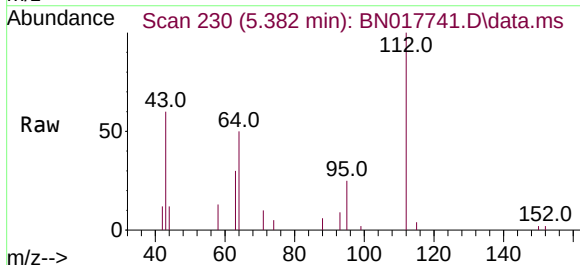
Instrument :
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 ClientSampleId :
 MW-24RE

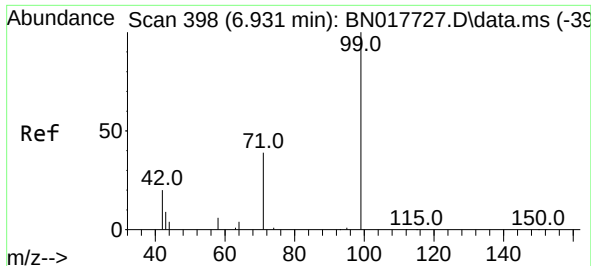
Tgt Ion: 42 Resp: 3742
 Ion Ratio Lower Upper
 42 100
 74 2.1 97.8 146.6#
 44 89.7 5.5 8.3#



#4
 2-Fluorophenol
 Concen: 0.176 ng
 RT: 5.382 min Scan# 230
 Delta R.T. 0.027 min
 Lab File: BN017741.D
 Acq: 06 Dec 2021 21:08

Tgt Ion: 112 Resp: 7572
 Ion Ratio Lower Upper
 112 100
 64 62.5 47.6 71.4
 63 27.3 24.6 37.0

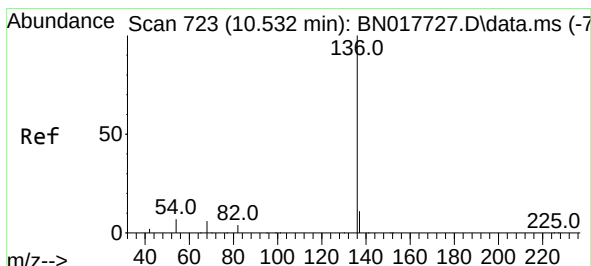
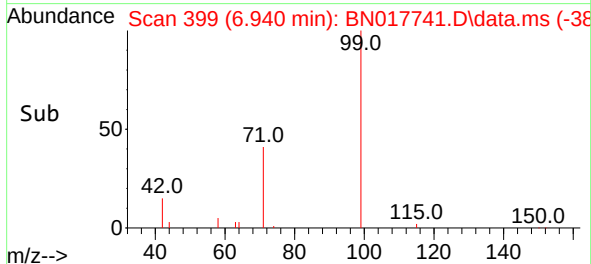
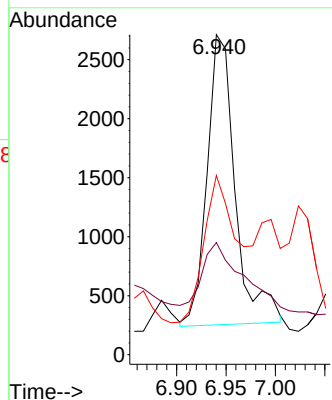
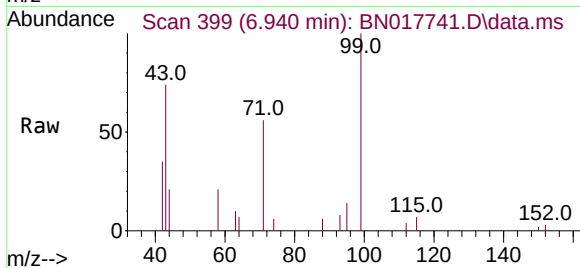




#5
Phenol-d6
Concen: 0.105 ng
RT: 6.940 min Scan# 398
Delta R.T. 0.009 min
Lab File: BN017741.D
Acq: 06 Dec 2021 21:08

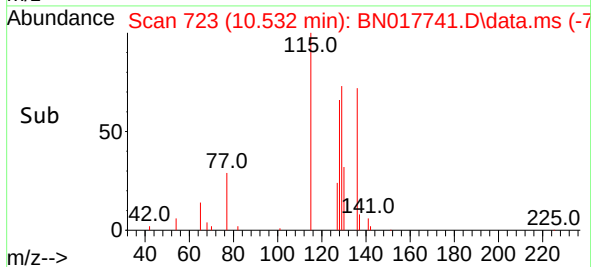
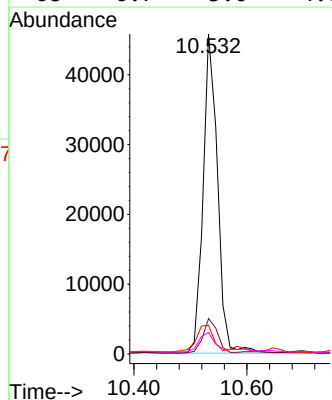
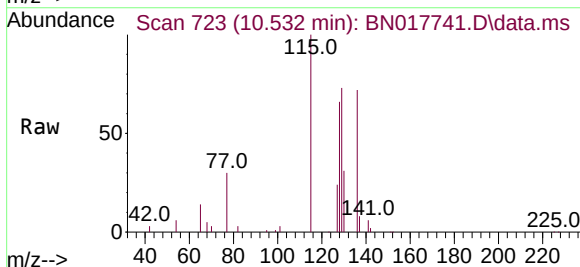
Instrument :
BNA_N
ClientSampleId :
MW-24RE

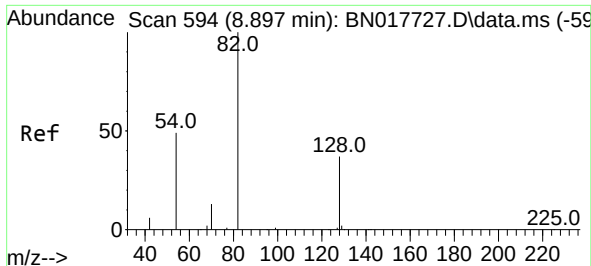
Tgt Ion: 99 Resp: 4861
Ion Ratio Lower Upper
99 100
42 29.4 17.0 25.6#
71 56.5 24.8 37.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.532 min Scan# 723
Delta R.T. -0.000 min
Lab File: BN017741.D
Acq: 06 Dec 2021 21:08

Tgt Ion: 136 Resp: 81066
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.9 4.0 6.0#
68 6.7 3.0 4.6#

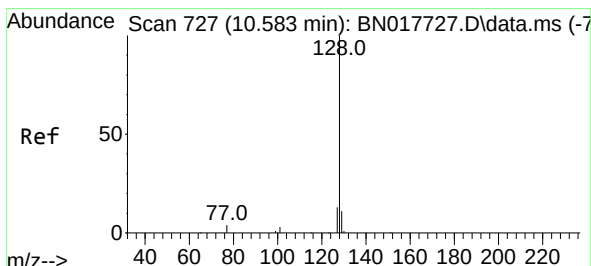
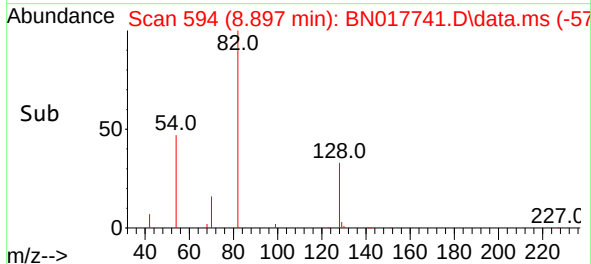
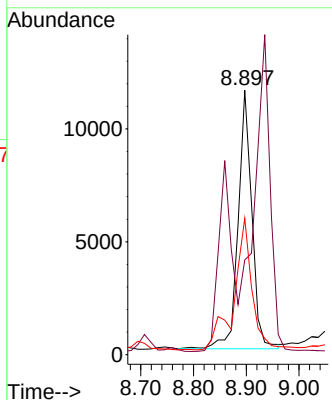
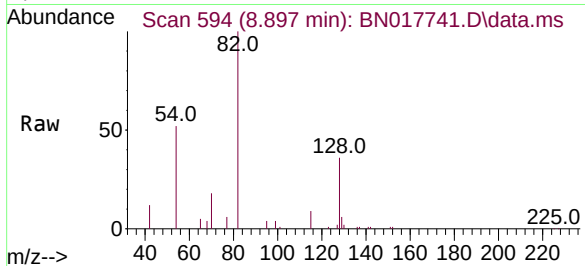




#8
Nitrobenzene-d5
Concen: 0.379 ng
RT: 8.897 min Scan# 594
Delta R.T. -0.000 min
Lab File: BN017741.D
Acq: 06 Dec 2021 21:08

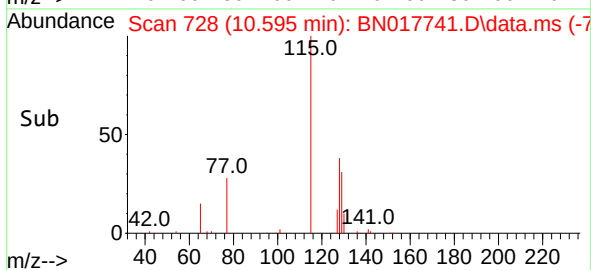
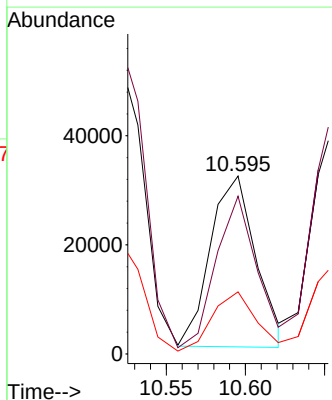
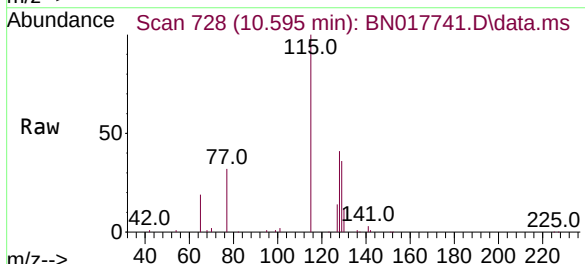
Instrument :
BNA_N
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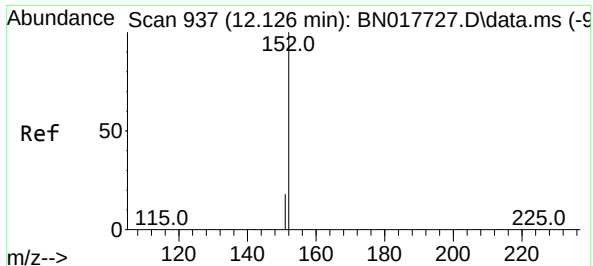
Tgt Ion: 82 Resp: 20745
Ion Ratio Lower Upper
82 100
128 35.8 27.7 41.5
54 51.5 49.2 73.8



#9
Naphthalene
Concen: 0.313 ng
RT: 10.595 min Scan# 728
Delta R.T. 0.012 min
Lab File: BN017741.D
Acq: 06 Dec 2021 21:08

Tgt Ion: 128 Resp: 62823
Ion Ratio Lower Upper
128 100
129 88.7 8.8 13.2#
127 34.9 10.6 15.8#





#11

2-Methylnaphthalene-d10

Concen: 0.290 ng

RT: 12.125 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN017741.D

Acq: 06 Dec 2021 21:08

Instrument :

BNA_N

ClientSampleId :

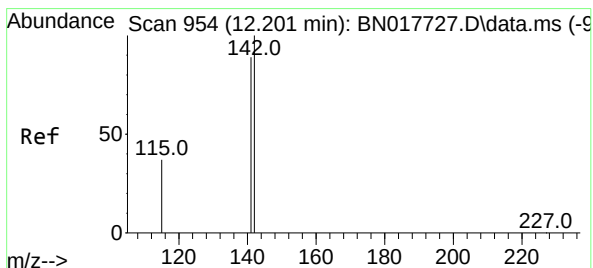
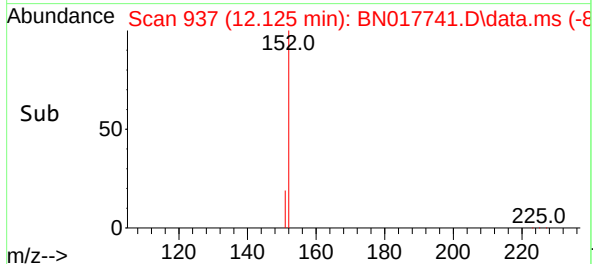
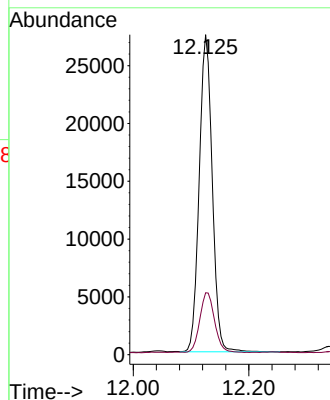
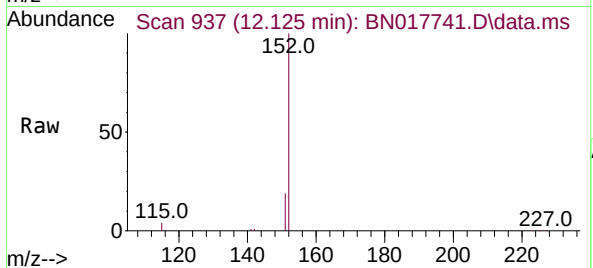
MW-24RE

Tgt Ion:152 Resp: 43082

Ion Ratio Lower Upper

152 100

151 21.3 16.2 24.4



#12

2-Methylnaphthalene

Concen: 0.034 ng

RT: 12.196 min Scan# 953

Delta R.T. -0.005 min

Lab File: BN017741.D

Acq: 06 Dec 2021 21:08

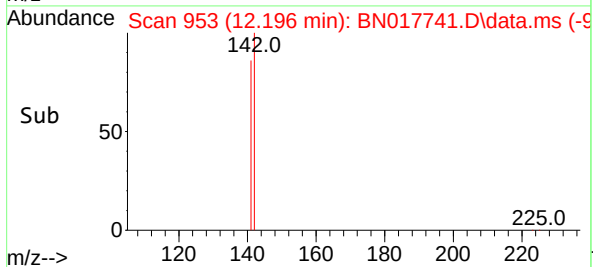
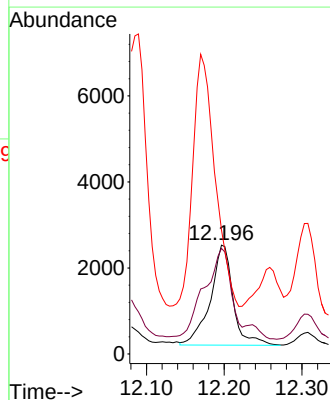
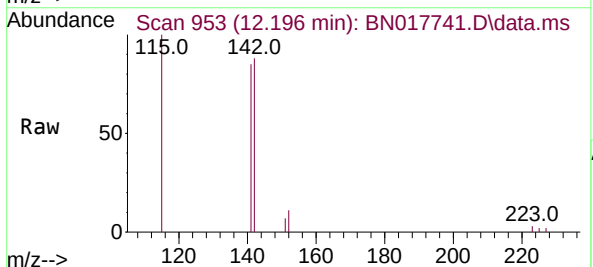
Tgt Ion:142 Resp: 4749

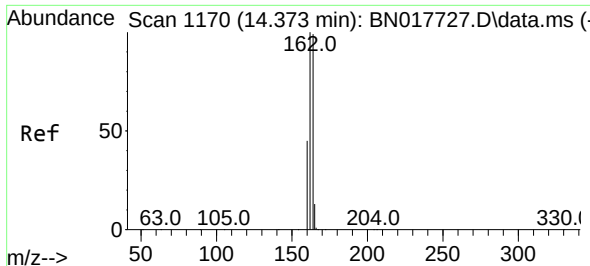
Ion Ratio Lower Upper

142 100

141 97.0 70.6 106.0

115 114.0 25.8 38.6#

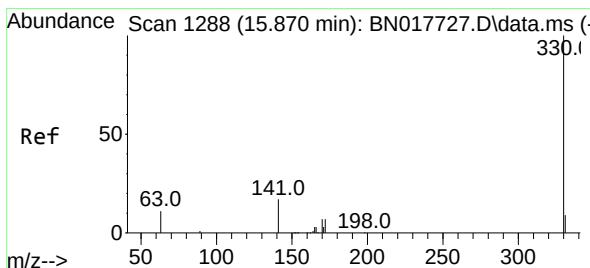
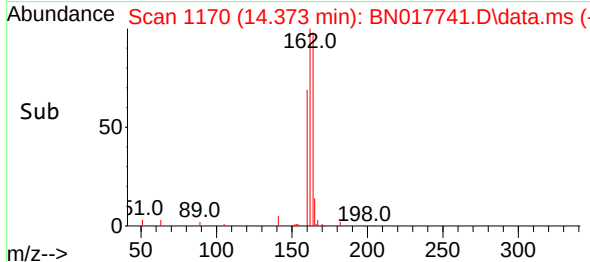
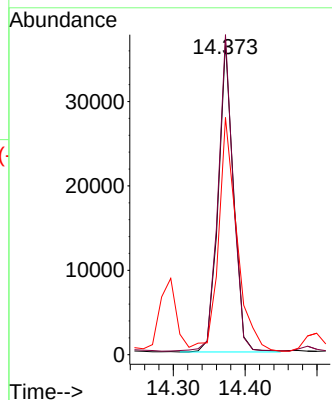
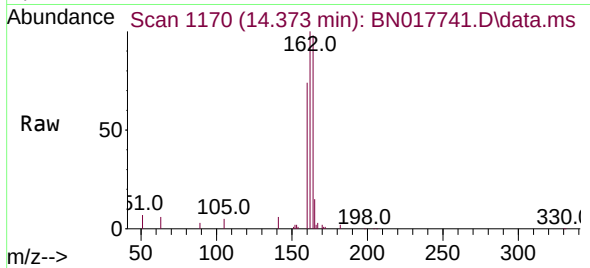




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.373 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BN017741.D
Acq: 06 Dec 2021 21:08

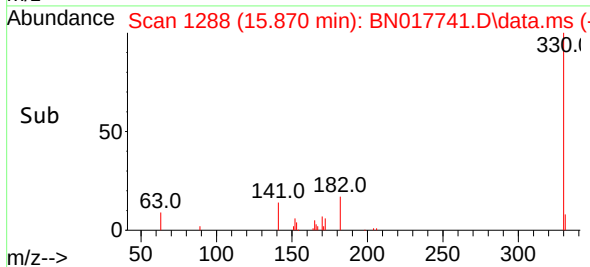
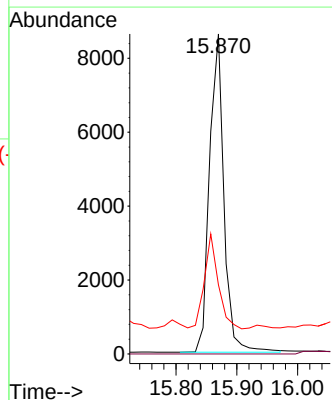
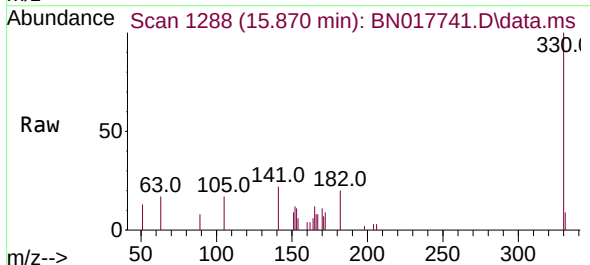
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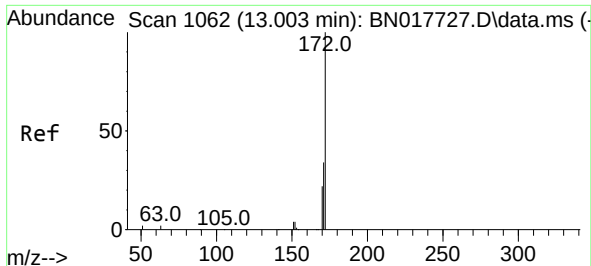
Tgt Ion:164 Resp: 54414
Ion Ratio Lower Upper
164 100
162 102.2 81.4 122.2
160 75.7 36.8 55.2#



#14
2,4,6-Tribromophenol
Concen: 0.553 ng
RT: 15.870 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BN017741.D
Acq: 06 Dec 2021 21:08

Tgt Ion:330 Resp: 14197
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.7 28.9 43.3#

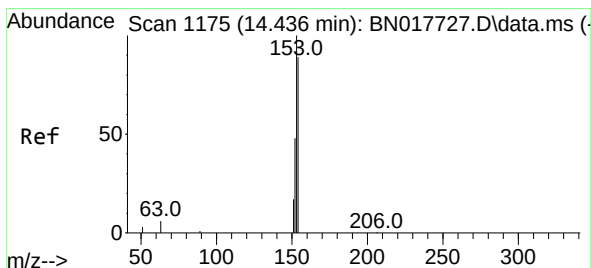
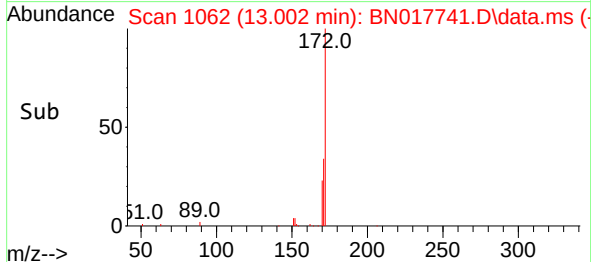
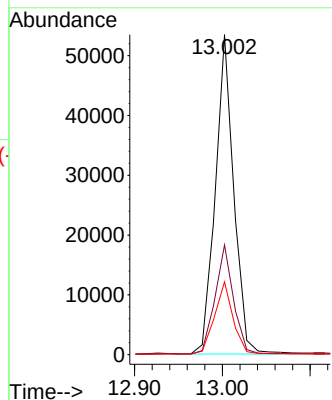
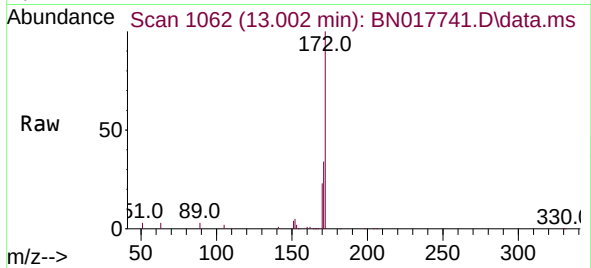




#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 13.002 min Scan# 1062
Delta R.T. -0.000 min
Lab File: BN017741.D
Acq: 06 Dec 2021 21:08

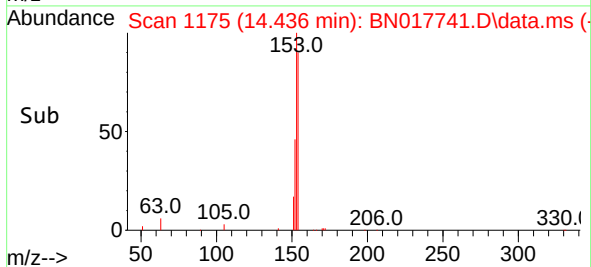
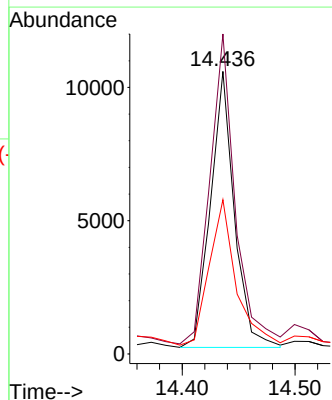
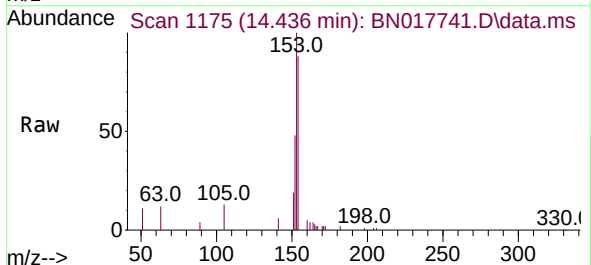
Instrument :
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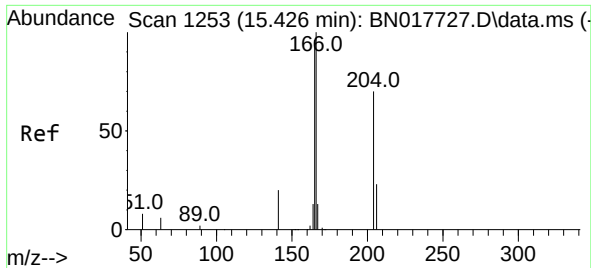
Tgt Ion:172 Resp: 77967
Ion Ratio Lower Upper
172 100
171 34.3 28.7 43.1
170 22.8 19.4 29.2



#17
Acenaphthene
Concen: 0.108 ng
RT: 14.436 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BN017741.D
Acq: 06 Dec 2021 21:08

Tgt Ion:154 Resp: 15217
Ion Ratio Lower Upper
154 100
153 118.3 91.2 136.8
152 58.8 44.3 66.5

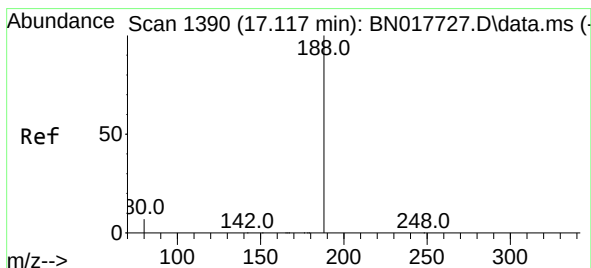
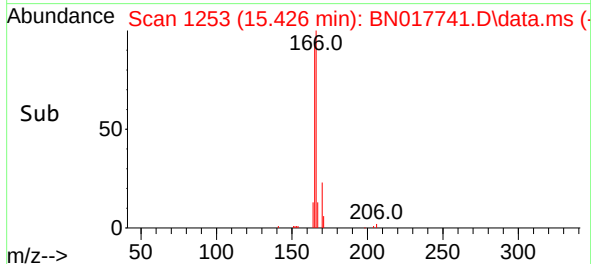
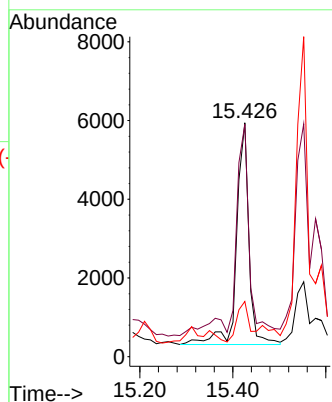
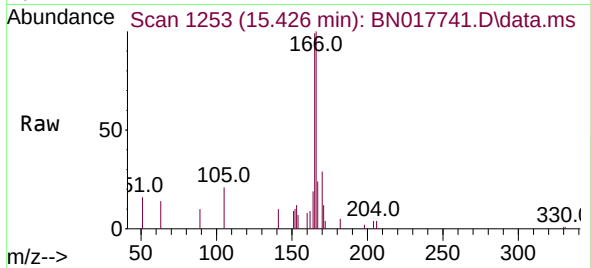




#18
Fluorene
Concen: 0.057 ng
RT: 15.426 min Scan# 1253
Delta R.T. -0.000 min
Lab File: BN017741.D
Acq: 06 Dec 2021 21:08

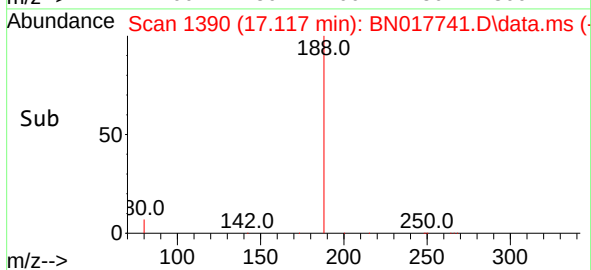
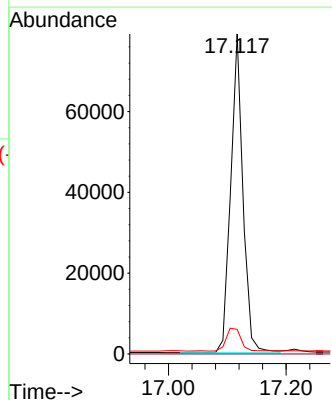
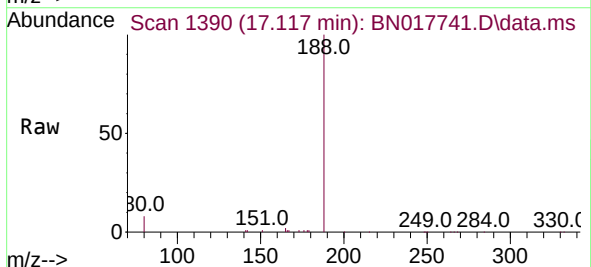
Instrument :
BNA_N
ClientSampleId :
MW-24RE

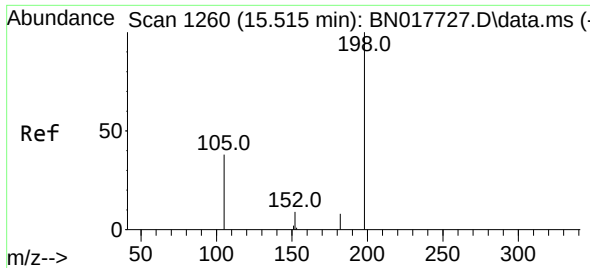
Tgt Ion:166 Resp: 10395
Ion Ratio Lower Upper
166 100
165 88.9 77.9 116.9
167 18.7 10.9 16.3#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.117 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BN017741.D
Acq: 06 Dec 2021 21:08

Tgt Ion:188 Resp: 114196
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 6.1 9.1

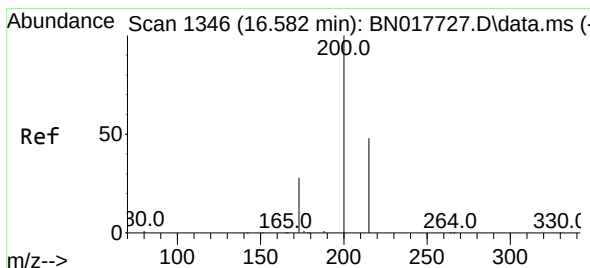
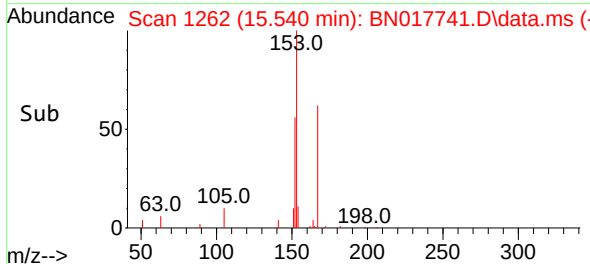
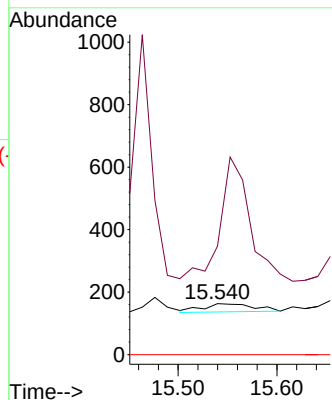
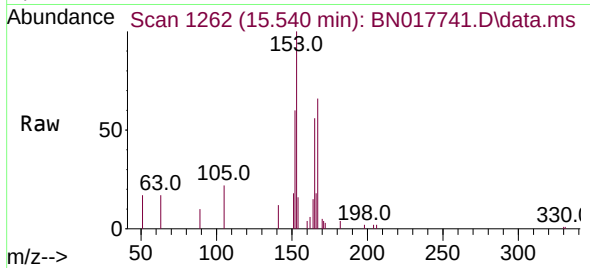




#20
4,6-Dinitro-2-methylphenol
Concen: 0.163 ng
RT: 15.540 min Scan# 11
Delta R.T. 0.025 min
Lab File: BN017741.D
Acq: 06 Dec 2021 21:08

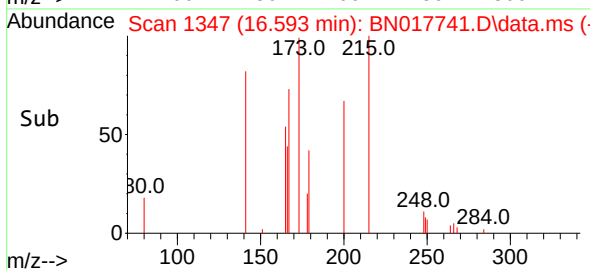
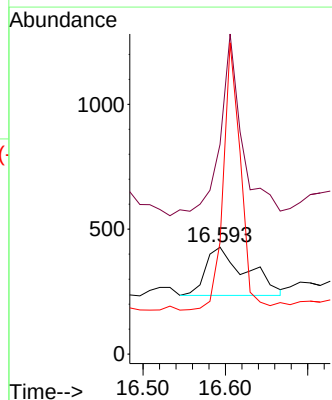
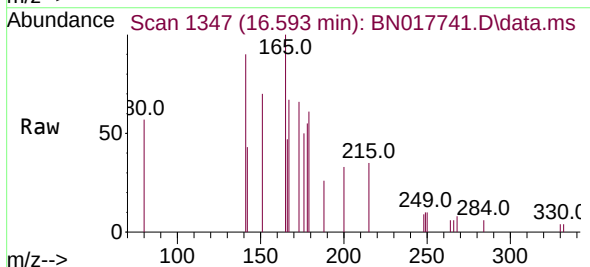
Instrument :
BNA_N
ClientSampleId :
MW-24RE

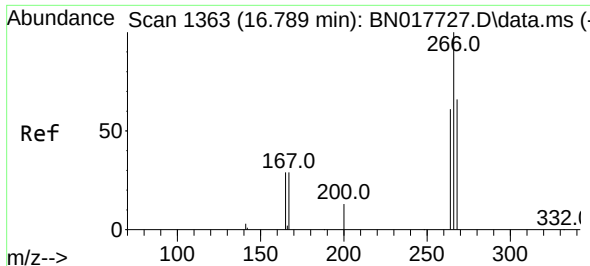
Tgt Ion:198 Resp: 95
Ion Ratio Lower Upper
198 100
182 212.9 11.4 17.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.109 ng
RT: 16.593 min Scan# 1347
Delta R.T. 0.011 min
Lab File: BN017741.D
Acq: 06 Dec 2021 21:08

Tgt Ion:200 Resp: 659
Ion Ratio Lower Upper
200 100
173 196.3 17.6 26.4#
215 104.7 40.2 60.4#

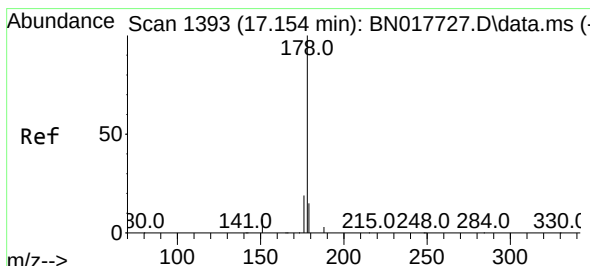
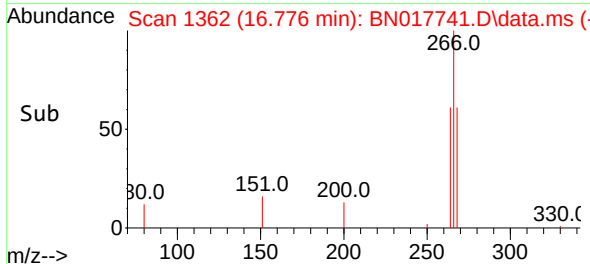
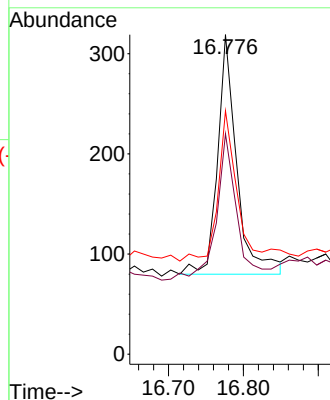
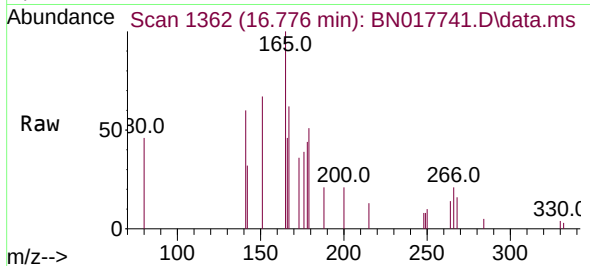




#24
 Pentachlorophenol
 Concen: 0.185 ng
 RT: 16.776 min Scan# 1362
 Delta R.T. -0.013 min
 Lab File: BN017741.D
 Acq: 06 Dec 2021 21:08

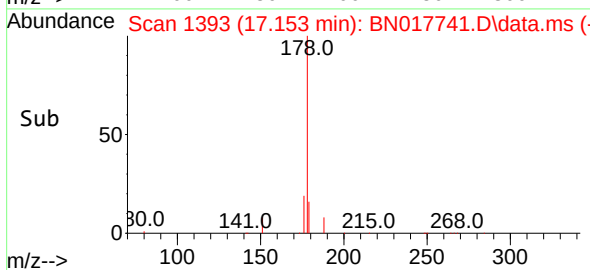
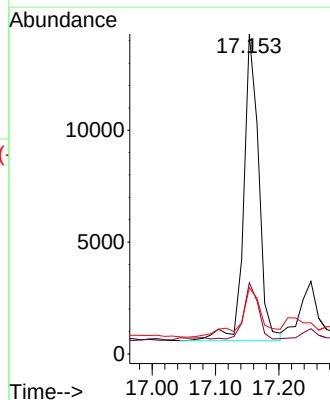
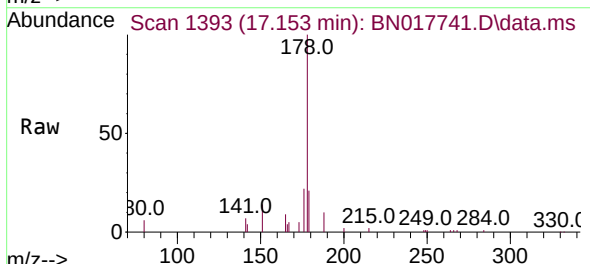
Instrument :
 BNA_N
 ClientSampleId :
 MW-24RE

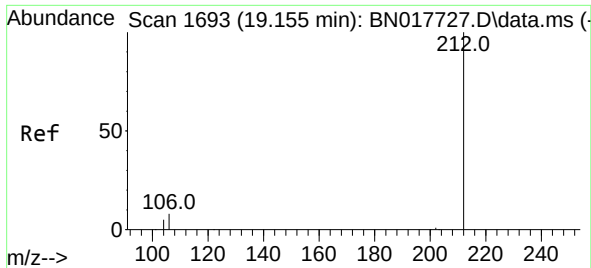
Tgt Ion:	266	Resp:	427
Ion Ratio	Lower	Upper	
266	100		
264	56.9	49.8	74.8
268	59.3	51.3	76.9



#25
 Phenanthrene
 Concen: 0.075 ng
 RT: 17.153 min Scan# 1393
 Delta R.T. -0.000 min
 Lab File: BN017741.D
 Acq: 06 Dec 2021 21:08

Tgt Ion:	178	Resp:	22637
Ion Ratio	Lower	Upper	
178	100		
176	17.0	15.0	22.6
179	23.1	12.3	18.5

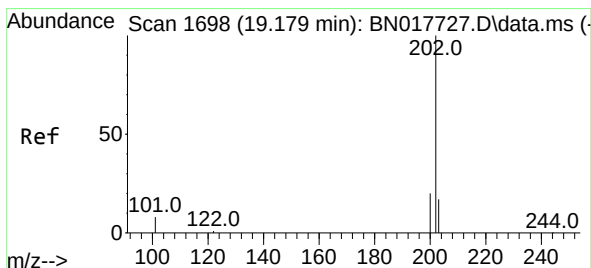
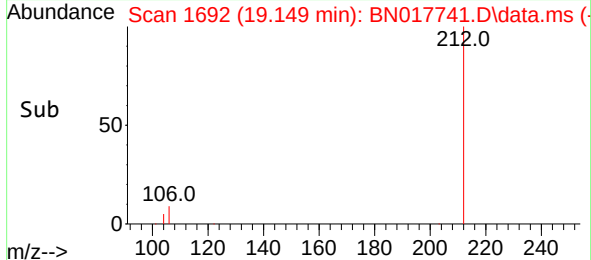
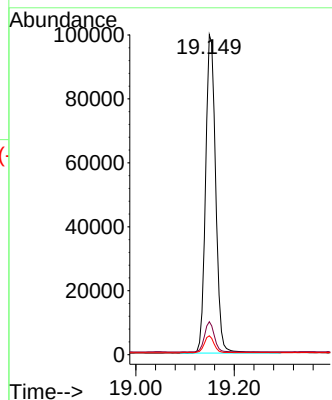
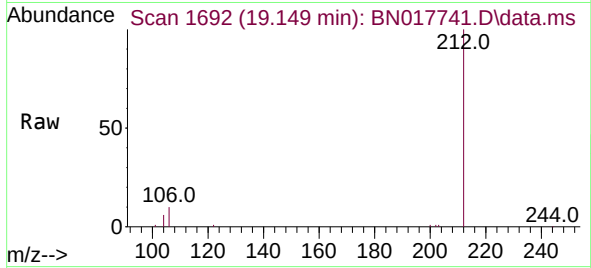




#27
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.149 min Scan# 1692
Delta R.T. -0.005 min
Lab File: BN017741.D
Acq: 06 Dec 2021 21:08

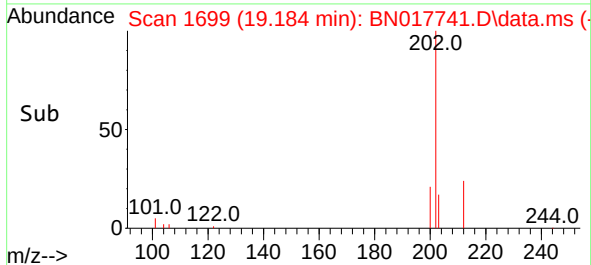
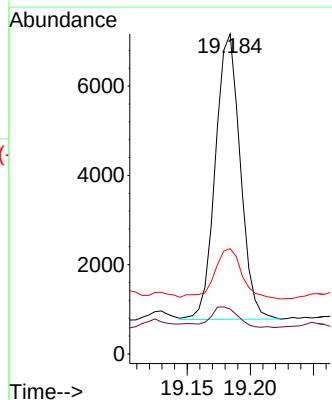
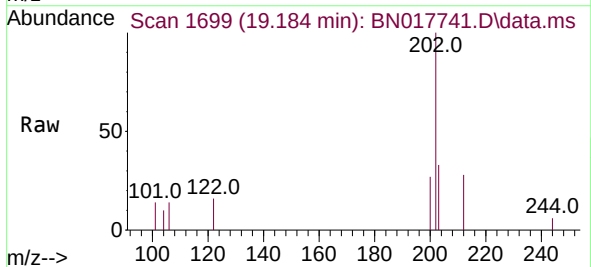
Instrument :
BNA_N
ClientSampleId :
MW-24RE

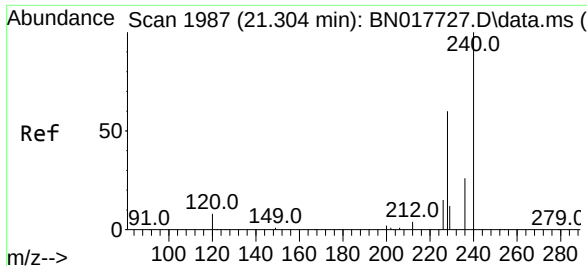
Tgt Ion:212 Resp: 141451
Ion Ratio Lower Upper
212 100
106 9.1 10.5 15.7#
104 5.2 5.8 8.6#



#28
Fluoranthene
Concen: 0.024 ng
RT: 19.184 min Scan# 1699
Delta R.T. 0.005 min
Lab File: BN017741.D
Acq: 06 Dec 2021 21:08

Tgt Ion:202 Resp: 8747
Ion Ratio Lower Upper
202 100
101 7.7 8.9 13.3#
203 19.6 13.8 20.6

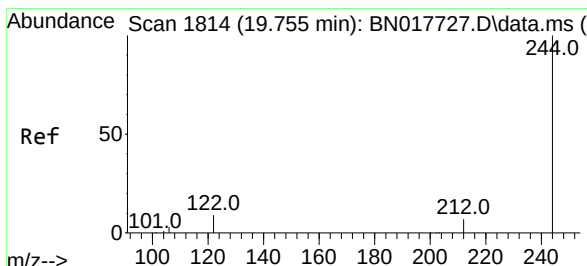
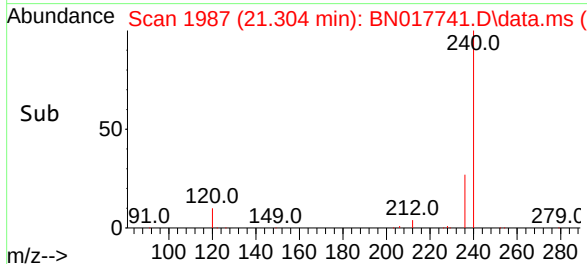
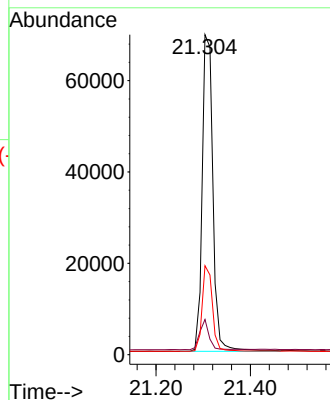
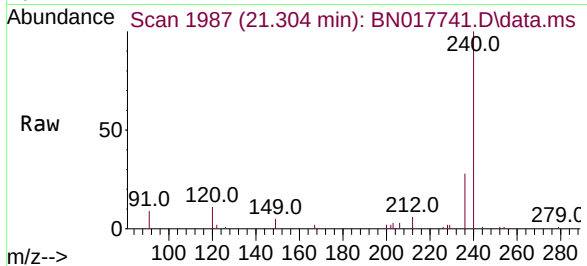




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017741.D
Acq: 06 Dec 2021 21:08

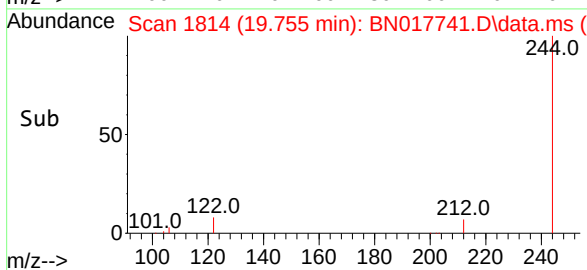
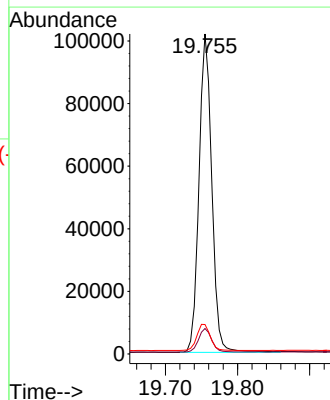
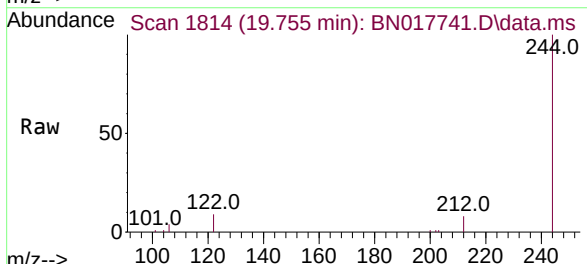
Instrument :
BNA_N
ClientSampleId :
MW-24RE

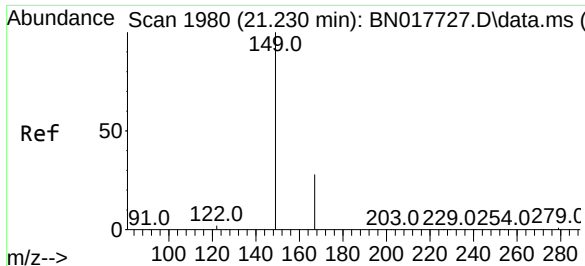
Tgt Ion:240 Resp: 109614
Ion Ratio Lower Upper
240 100
120 11.0 4.2 6.2#
236 27.8 20.0 30.0



#31
Terphenyl-d14
Concen: 0.446 ng
RT: 19.755 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BN017741.D
Acq: 06 Dec 2021 21:08

Tgt Ion:244 Resp: 125541
Ion Ratio Lower Upper
244 100
212 8.0 5.7 8.5
122 9.2 8.6 13.0

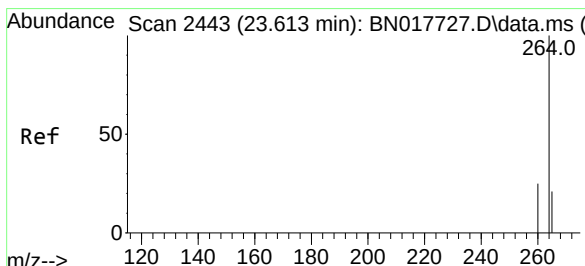
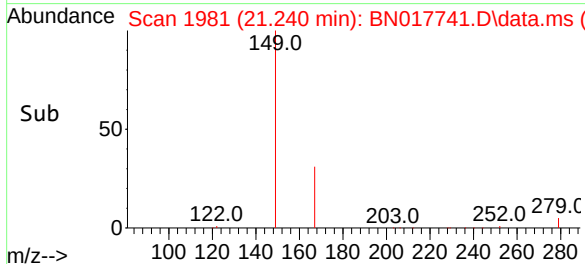
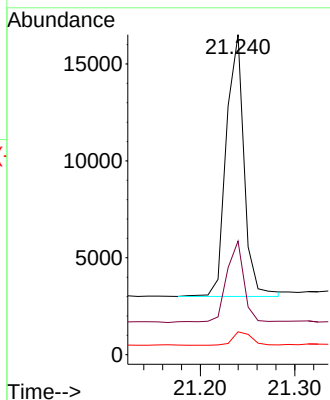
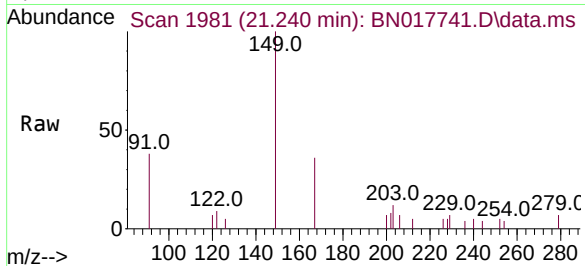




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.102 ng
 RT: 21.240 min Scan# 1981
 Delta R.T. 0.010 min
 Lab File: BN017741.D
 Acq: 06 Dec 2021 21:08

Instrument :
 BNA_N
 ClientSampleId :
 MW-24RE

Tgt Ion:149 Resp: 17725
 Ion Ratio Lower Upper
 149 100
 167 30.5 21.8 32.6
 279 5.5 3.4 5.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.616 min Scan# 2444
 Delta R.T. 0.003 min
 Lab File: BN017741.D
 Acq: 06 Dec 2021 21:08

Tgt Ion:264 Resp: 96060
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.4 29.2
 265 26.2 18.6 28.0

