

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
 Data File : BN017752.D
 Acq On : 07 Dec 2021 05:33
 Operator : CG/JU
 Sample : M4918-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-45A

Quant Time: Dec 07 06:54:02 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)

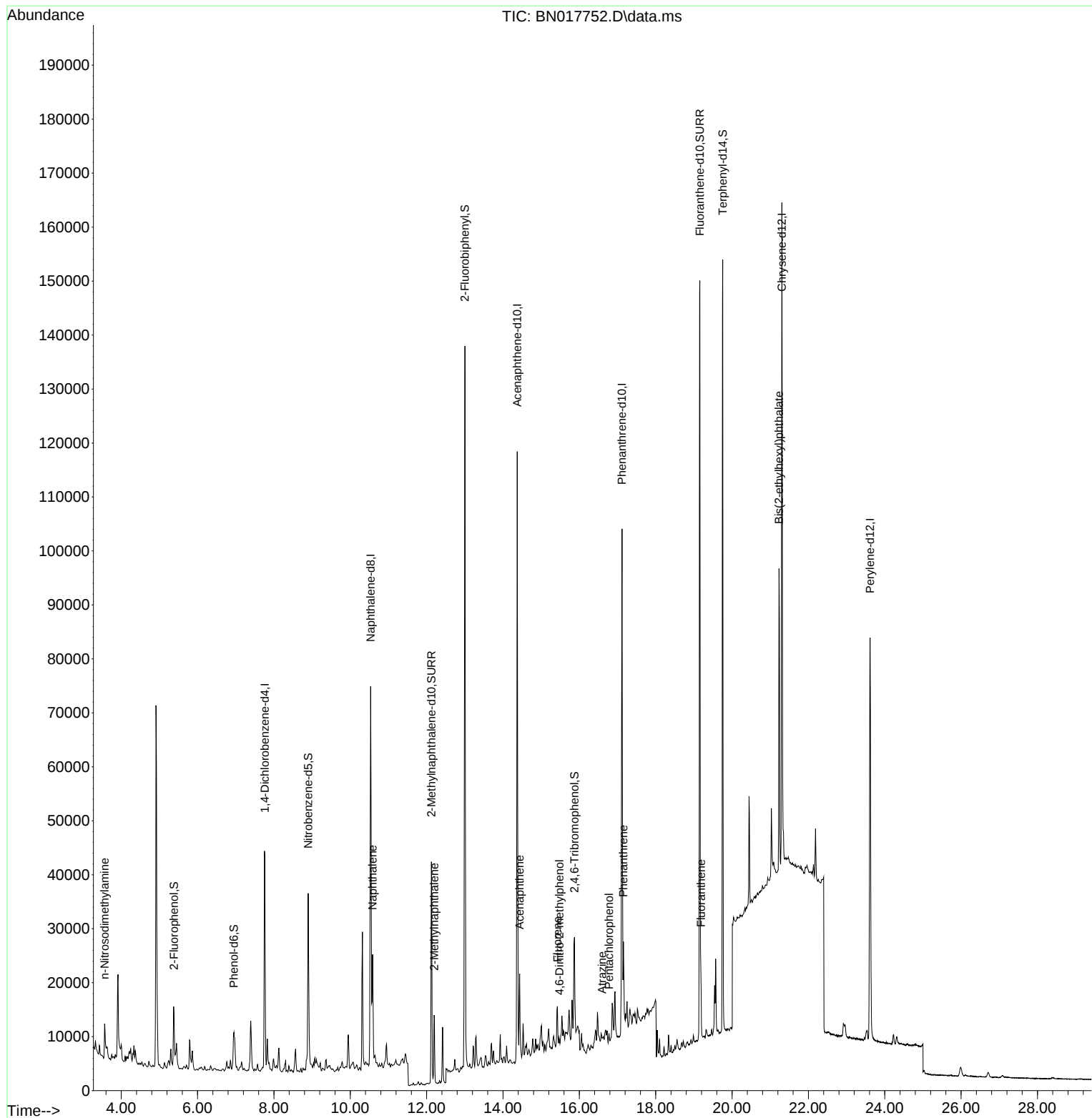
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.761	152	23771	0.400	ng	0.00
7) Naphthalene-d8	10.532	136	96036	0.400	ng	# 0.00
13) Acenaphthene-d10	14.373	164	62940	0.400	ng	0.00
19) Phenanthrene-d10	17.117	188	131820	0.400	ng	0.00
29) Chrysene-d12	21.304	240	120926	0.400	ng	# 0.00
35) Perylene-d12	23.617	264	105982	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.382	112	11396	0.223	ng	0.03
5) Phenol-d6	6.950	99	6817	0.125	ng	0.02
8) Nitrobenzene-d5	8.897	82	29099	0.448	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	57376	0.326	ng	0.00
14) 2,4,6-Tribromophenol	15.870	330	18504	0.605	ng	0.00
15) 2-Fluorobiphenyl	13.003	172	116118	0.498	ng	0.00
27) Fluoranthene-d10	19.154	212	169585	0.382	ng	0.00
31) Terphenyl-d14	19.755	244	151361	0.488	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.566	42	2126	0.095	ng	# 1
9) Naphthalene	10.583	128	24759	0.104	ng	97
12) 2-Methylnaphthalene	12.197	142	9078	0.056	ng	# 94
17) Acenaphthene	14.436	154	7638	0.047	ng	98
18) Fluorene	15.426	166	4984	0.024	ng	# 88
20) 4,6-Dinitro-2-methylph...	15.477	198	114	0.165	ng	# 1
23) Atrazine	16.594	200	355	0.103	ng	# 1
24) Pentachlorophenol	16.776	266	248	0.172	ng	96
25) Phenanthrene	17.154	178	19005	0.055	ng	97
28) Fluoranthene	19.184	202	10165	0.024	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.230	149	56695	0.297	ng	# 96

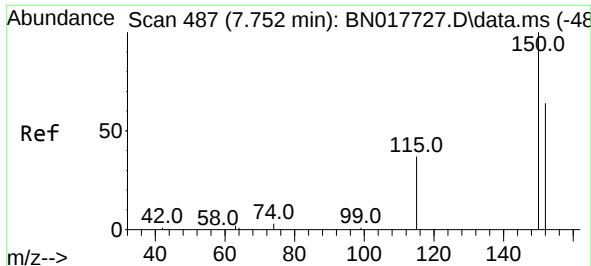
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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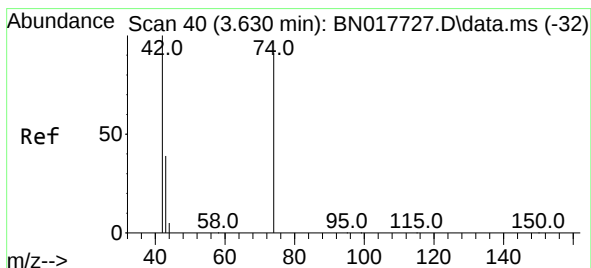
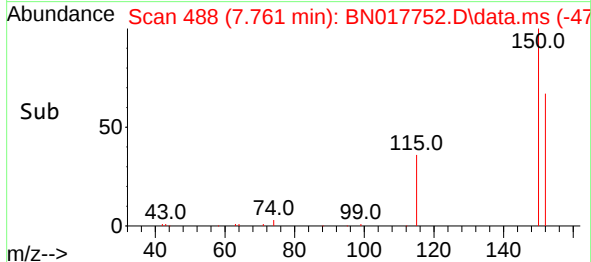
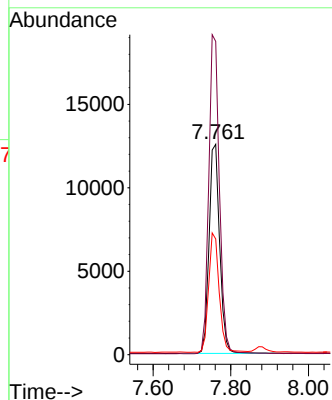
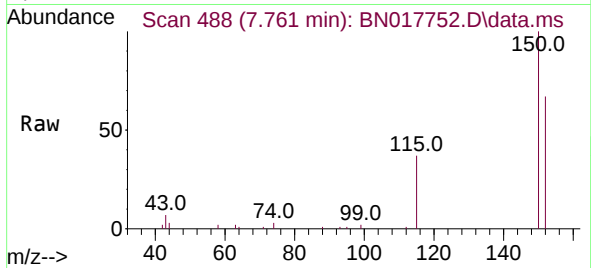




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.761 min Scan# 41
Delta R.T. 0.009 min
Lab File: BN017752.D
Acq: 07 Dec 2021 05:33

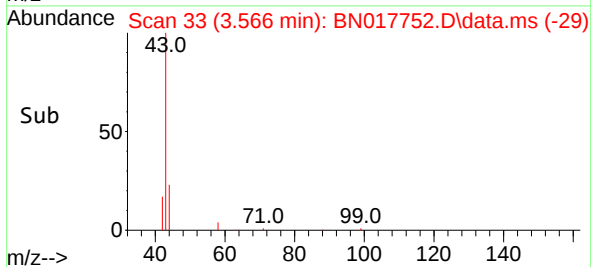
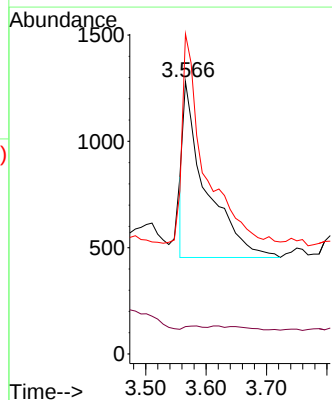
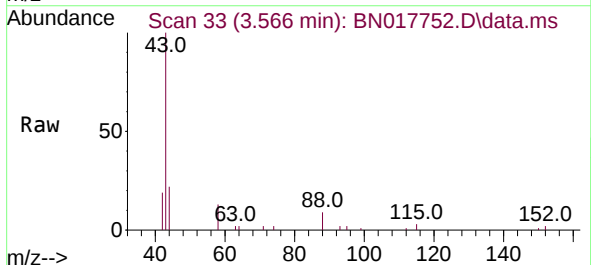
Instrument :
BNA_N
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MW-45A

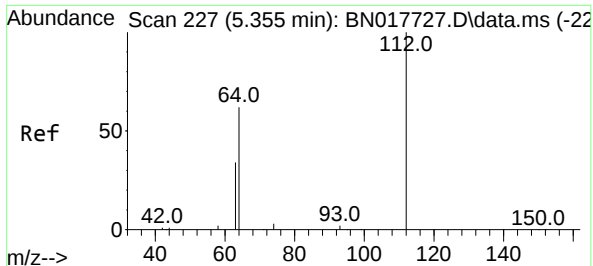
Tgt Ion:152 Resp: 23771
Ion Ratio Lower Upper
152 100
150 148.9 123.0 184.4
115 54.9 45.6 68.4



#3
n-Nitrosodimethylamine
Concen: 0.095 ng
RT: 3.566 min Scan# 33
Delta R.T. -0.065 min
Lab File: BN017752.D
Acq: 07 Dec 2021 05:33

Tgt Ion: 42 Resp: 2126
Ion Ratio Lower Upper
42 100
74 1.6 97.8 146.6#
44 108.2 5.5 8.3#

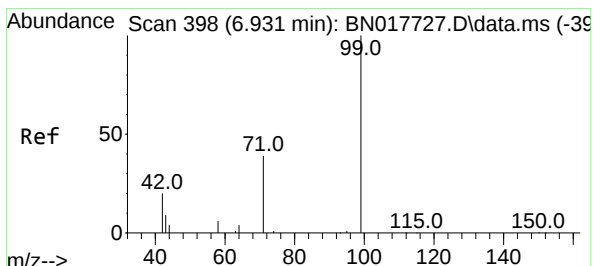
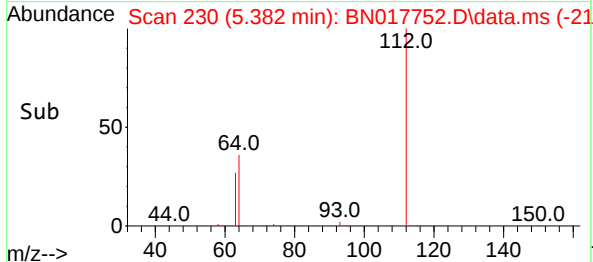
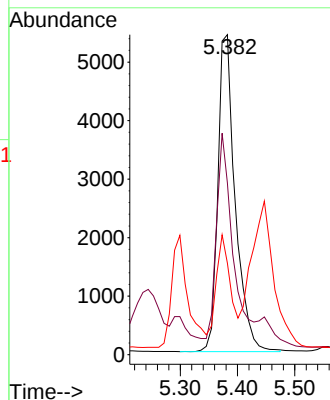
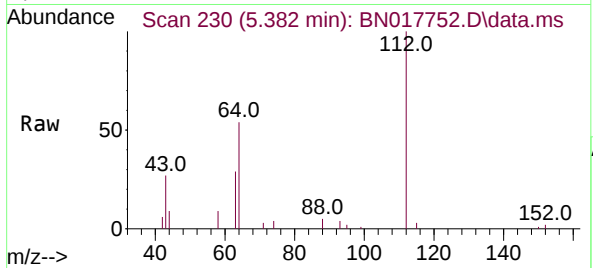




#4
2-Fluorophenol
Concen: 0.223 ng
RT: 5.382 min Scan# 21
Delta R.T. 0.028 min
Lab File: BN017752.D
Acq: 07 Dec 2021 05:33

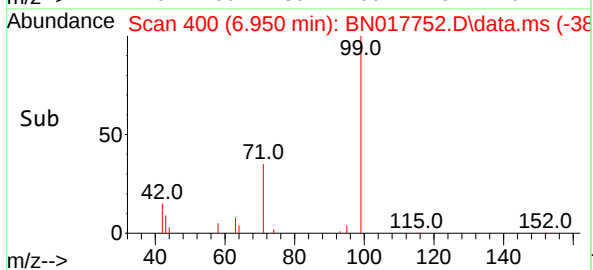
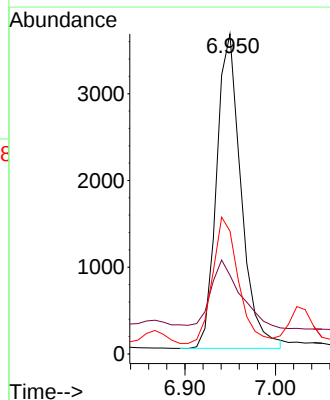
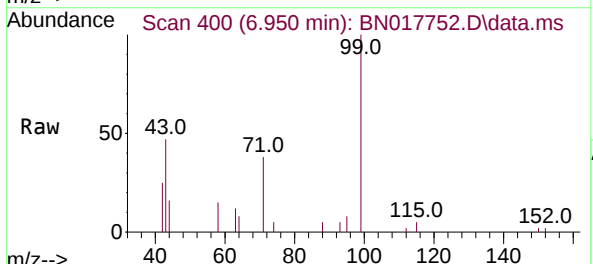
Instrument :
BNA_N
ClientSampleId :
MW-45A

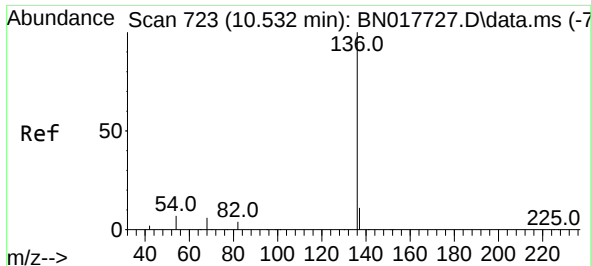
Tgt Ion:112 Resp: 11396
Ion Ratio Lower Upper
112 100
64 58.1 47.6 71.4
63 24.1 24.6 37.0#



#5
Phenol-d6
Concen: 0.125 ng
RT: 6.950 min Scan# 400
Delta R.T. 0.018 min
Lab File: BN017752.D
Acq: 07 Dec 2021 05:33

Tgt Ion: 99 Resp: 6817
Ion Ratio Lower Upper
99 100
42 25.6 17.0 25.6#
71 42.2 24.8 37.2#

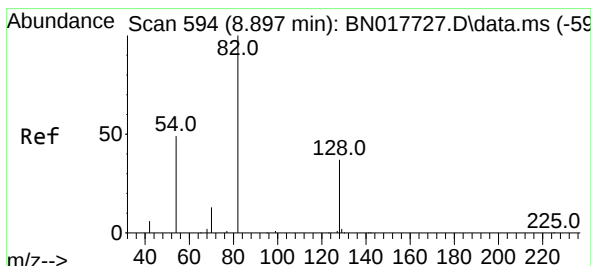
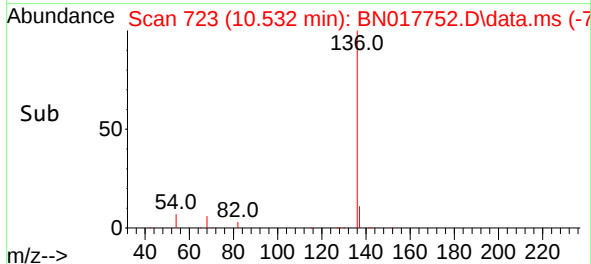
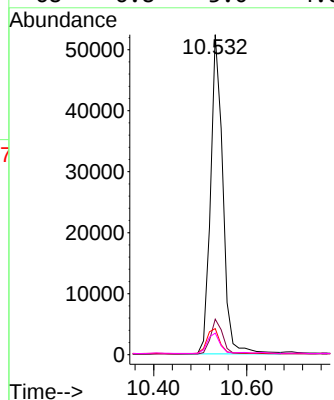
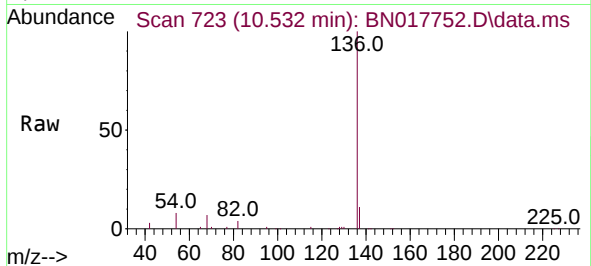




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.532 min Scan# 723
Delta R.T. -0.000 min
Lab File: BN017752.D
Acq: 07 Dec 2021 05:33

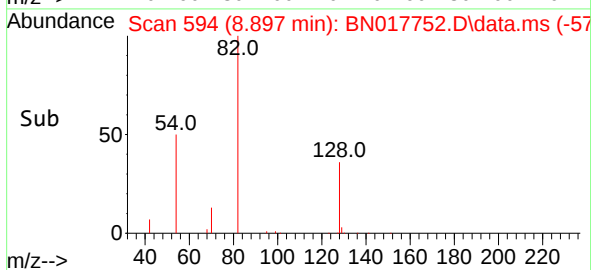
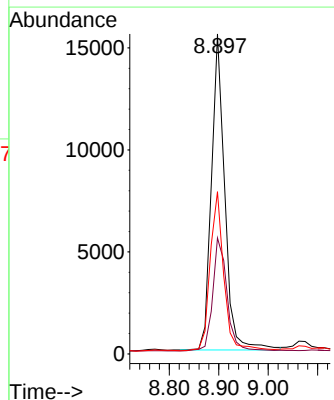
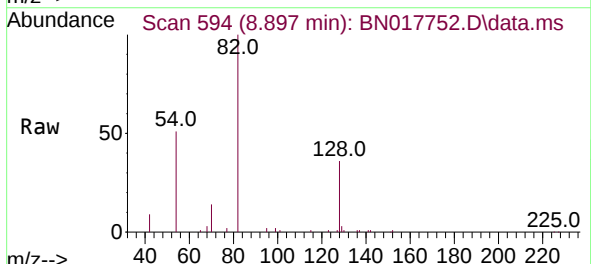
Instrument :
BNA_N
ClientSampleId :
MW-45A

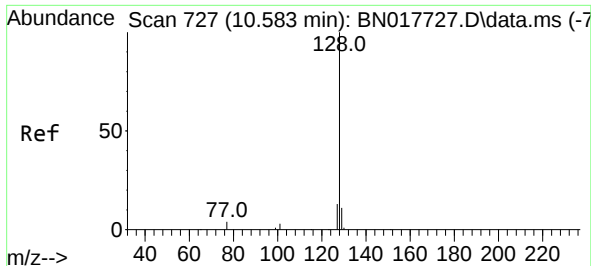
Tgt Ion:	136	Resp:	96036
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	8.1	4.0	6.0#
68	6.8	3.0	4.6#



#8
Nitrobenzene-d5
Concen: 0.448 ng
RT: 8.897 min Scan# 594
Delta R.T. -0.000 min
Lab File: BN017752.D
Acq: 07 Dec 2021 05:33

Tgt Ion:	82	Resp:	29099
Ion Ratio	Lower	Upper	
82	100		
128	36.3	27.7	41.5
54	50.7	49.2	73.8





#9
Naphthalene
Concen: 0.104 ng
RT: 10.583 min Scan# 727
Delta R.T. -0.000 min
Lab File: BN017752.D
Acq: 07 Dec 2021 05:33

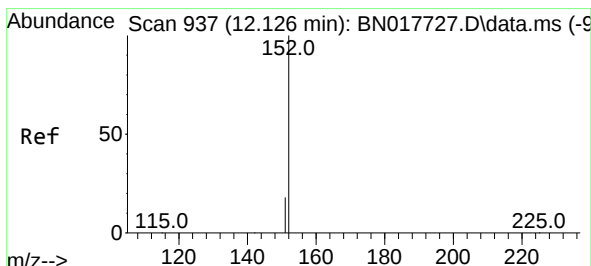
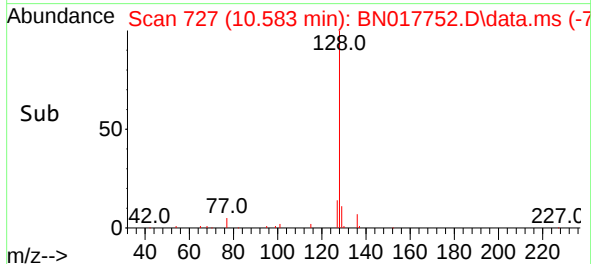
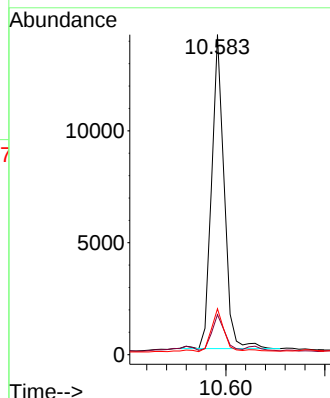
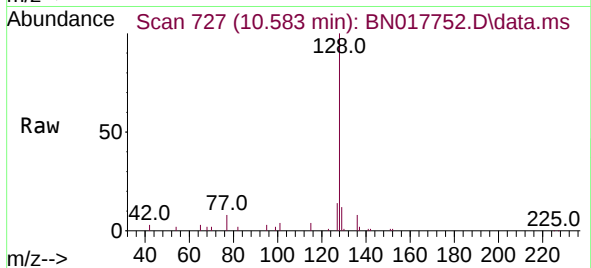
Instrument :

BNA_N

ClientSampleId :

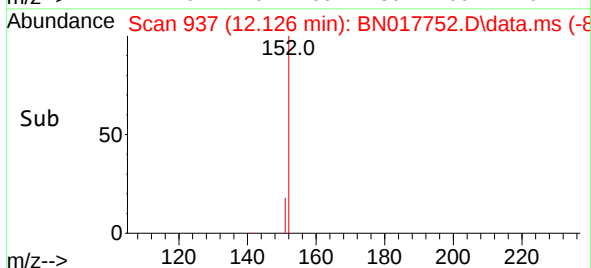
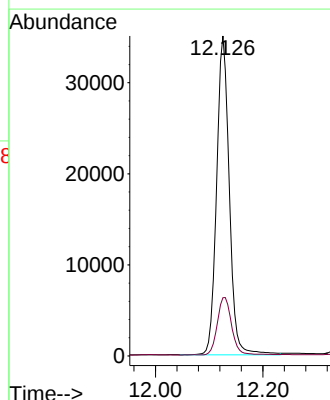
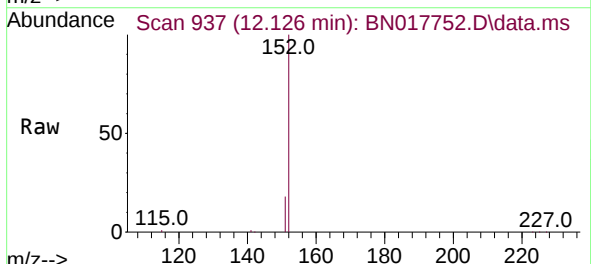
MW-45A

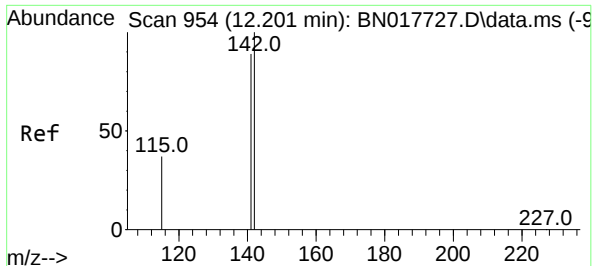
Tgt Ion:128 Resp: 24759
Ion Ratio Lower Upper
128 100
129 12.5 8.8 13.2
127 14.3 10.6 15.8



#11
2-Methylnaphthalene-d10
Concen: 0.326 ng
RT: 12.126 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN017752.D
Acq: 07 Dec 2021 05:33

Tgt Ion:152 Resp: 57376
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4





#12

2-Methylnaphthalene

Concen: 0.056 ng

RT: 12.197 min Scan# 91

Delta R.T. -0.005 min

Lab File: BN017752.D

Acq: 07 Dec 2021 05:33

Instrument :

BNA_N

ClientSampleId :

MW-45A

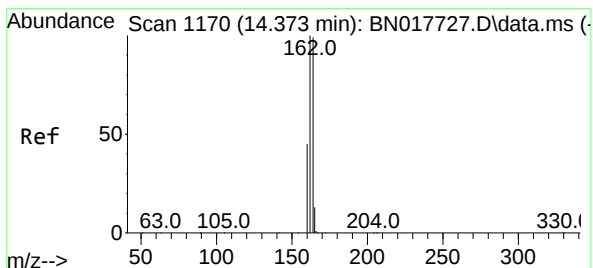
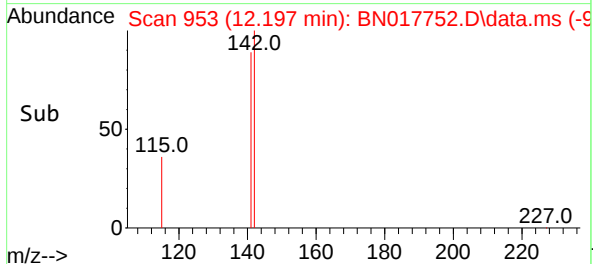
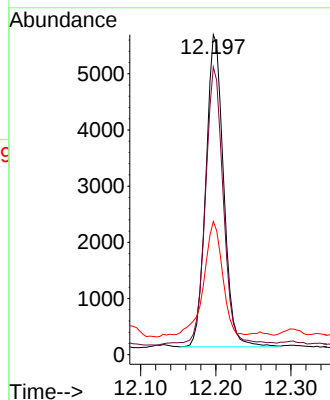
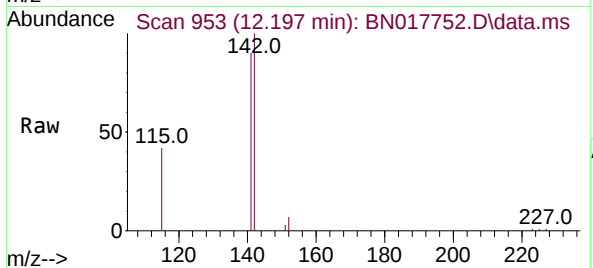
Tgt Ion:142 Resp: 9078

Ion Ratio Lower Upper

142 100

141 89.9 70.6 106.0

115 41.6 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: BN017752.D

Acq: 07 Dec 2021 05:33

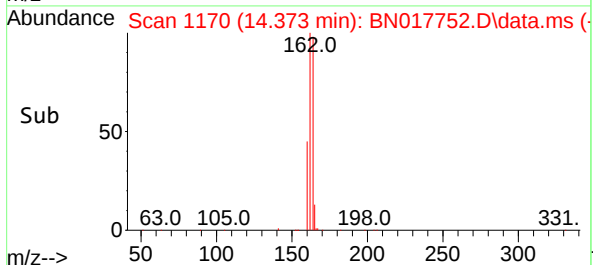
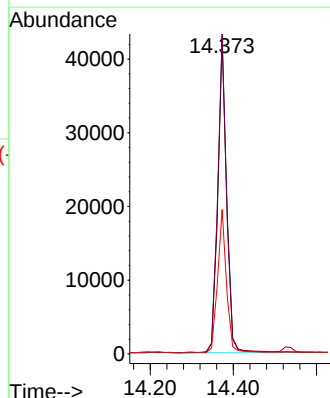
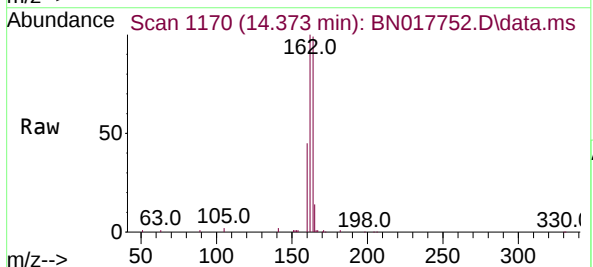
Tgt Ion:164 Resp: 62940

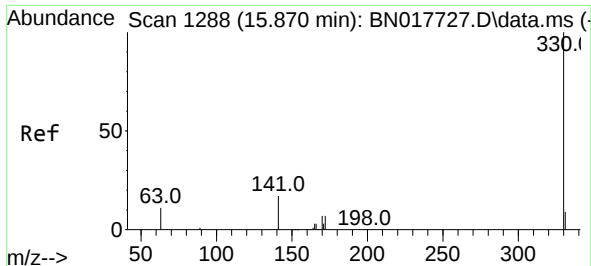
Ion Ratio Lower Upper

164 100

162 101.5 81.4 122.2

160 45.8 36.8 55.2

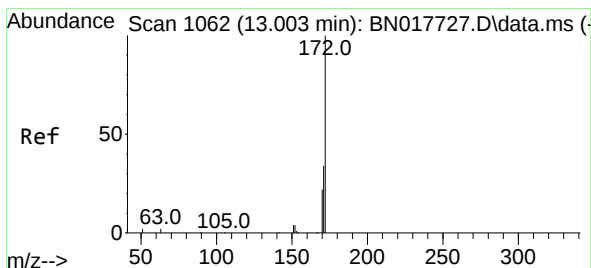
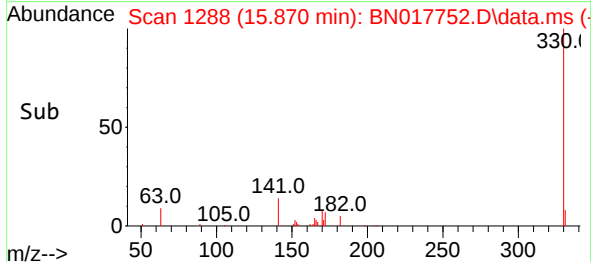
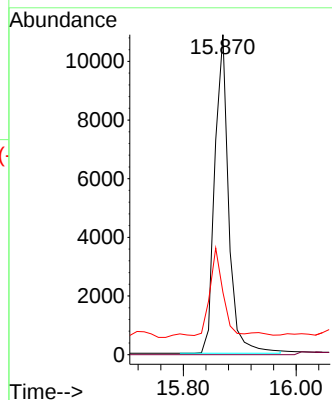
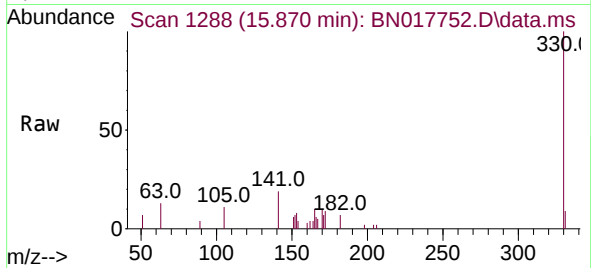




#14
2,4,6-Tribromophenol
Concen: 0.605 ng
RT: 15.870 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BN017752.D
Acq: 07 Dec 2021 05:33

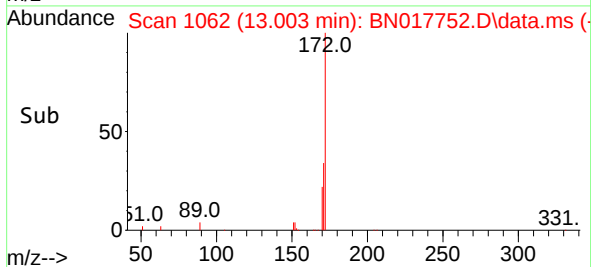
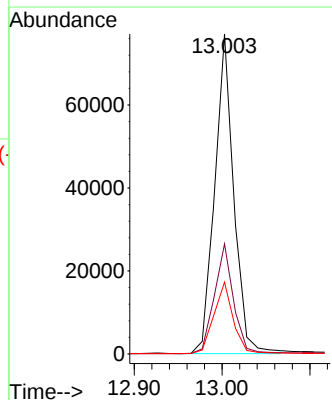
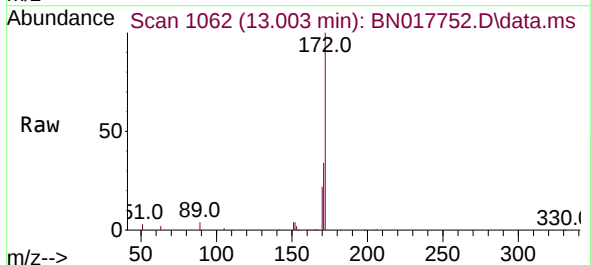
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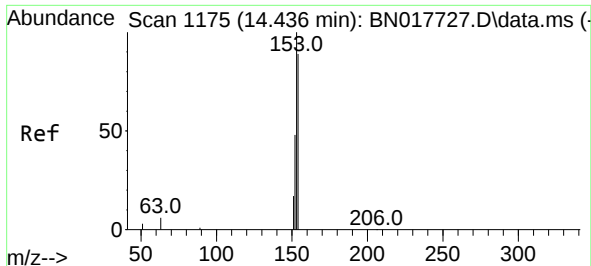
Tgt Ion:330 Resp: 18504
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 25.3 28.9 43.3#



#15
2-Fluorobiphenyl
Concen: 0.498 ng
RT: 13.003 min Scan# 1062
Delta R.T. -0.000 min
Lab File: BN017752.D
Acq: 07 Dec 2021 05:33

Tgt Ion:172 Resp: 116118
Ion Ratio Lower Upper
172 100
171 34.4 28.7 43.1
170 22.5 19.4 29.2

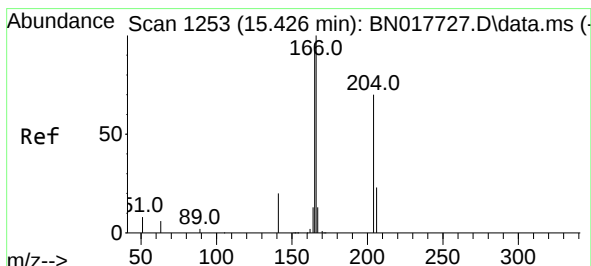
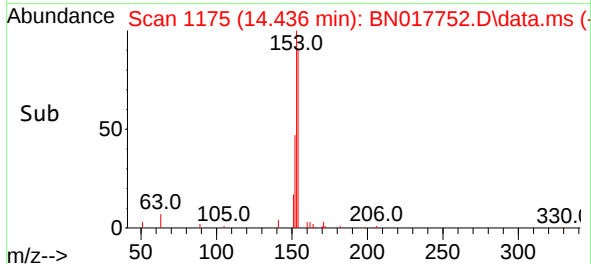
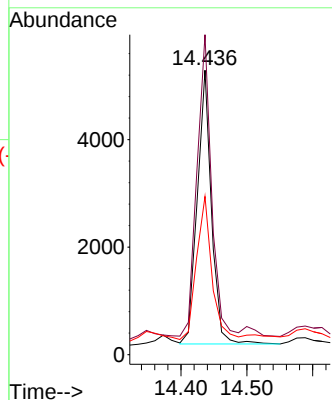
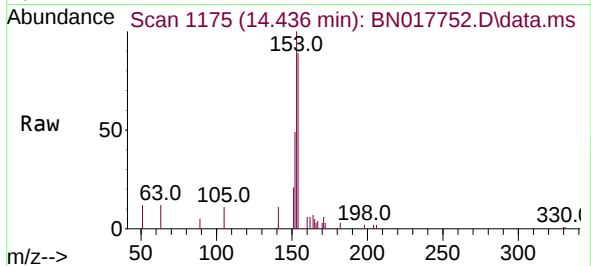




#17
Acenaphthene
Concen: 0.047 ng
RT: 14.436 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BN017752.D
Acq: 07 Dec 2021 05:33

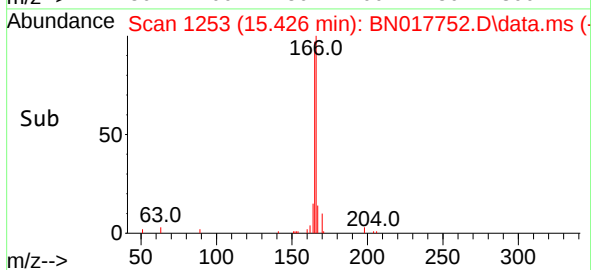
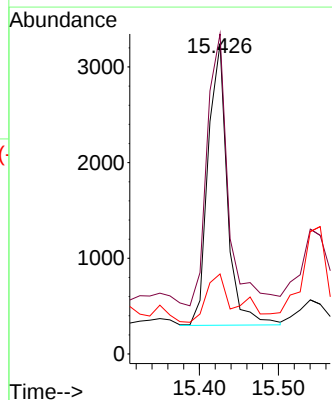
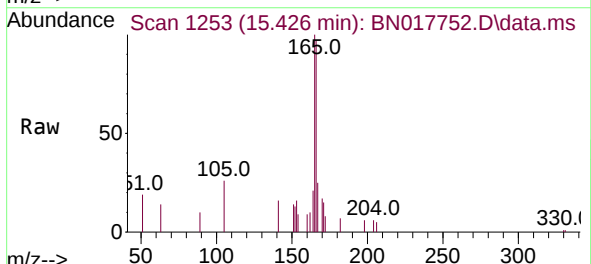
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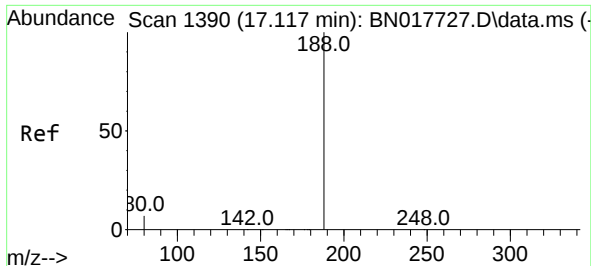
Tgt Ion:154 Resp: 7638
Ion Ratio Lower Upper
154 100
153 112.2 91.2 136.8
152 56.3 44.3 66.5



#18
Fluorene
Concen: 0.024 ng
RT: 15.426 min Scan# 1253
Delta R.T. -0.000 min
Lab File: BN017752.D
Acq: 07 Dec 2021 05:33

Tgt Ion:166 Resp: 4984
Ion Ratio Lower Upper
166 100
165 106.2 77.9 116.9
167 26.7 10.9 16.3

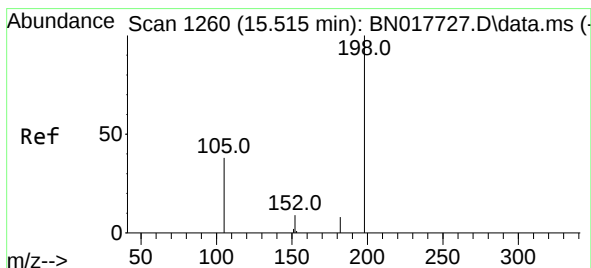
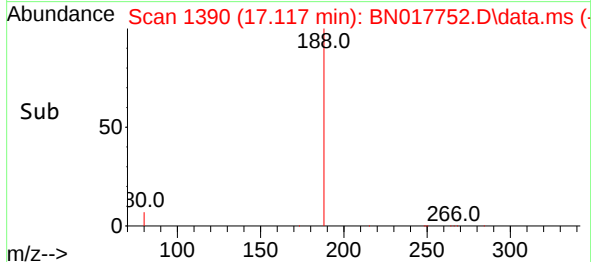
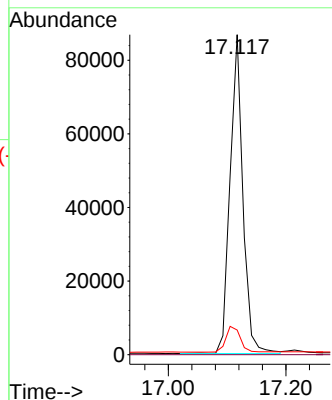
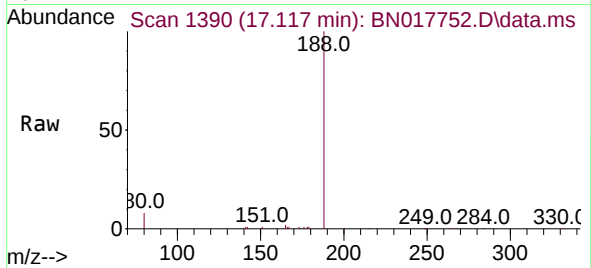




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.117 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017752.D
Acq: 07 Dec 2021 05:33

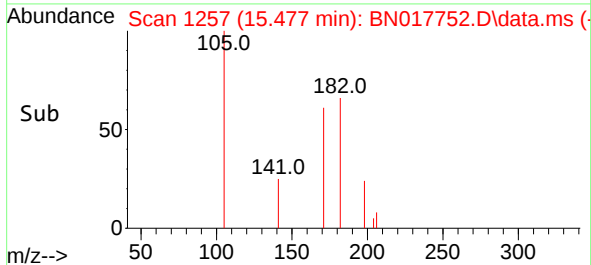
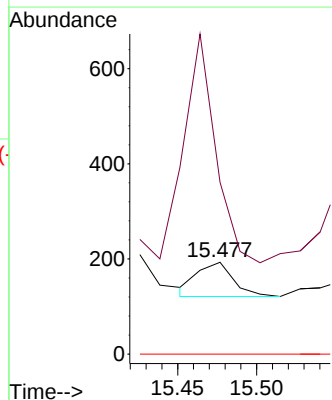
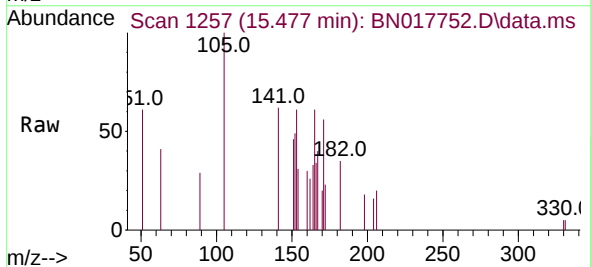
Instrument :
BNA_N
ClientSampleId :
MW-45A

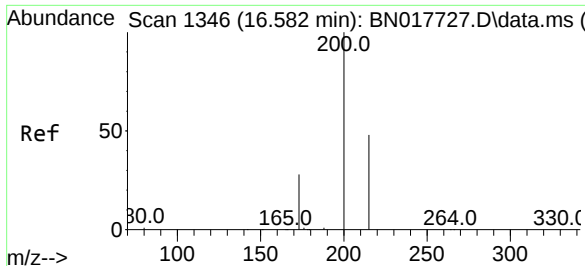
Tgt Ion:188 Resp: 131820
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 6.1 9.1



#20
4,6-Dinitro-2-methylphenol
Concen: 0.165 ng
RT: 15.477 min Scan# 1257
Delta R.T. -0.038 min
Lab File: BN017752.D
Acq: 07 Dec 2021 05:33

Tgt Ion:198 Resp: 114
Ion Ratio Lower Upper
198 100
182 187.0 11.4 17.2#
77 0.0 0.0 0.0

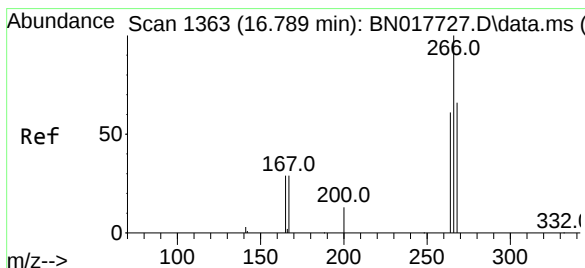
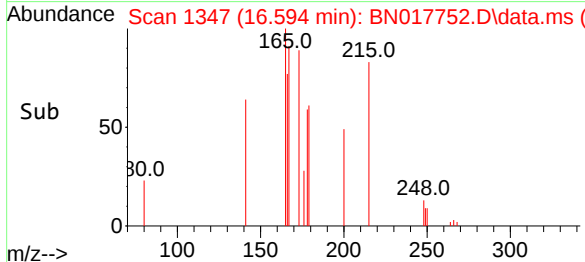
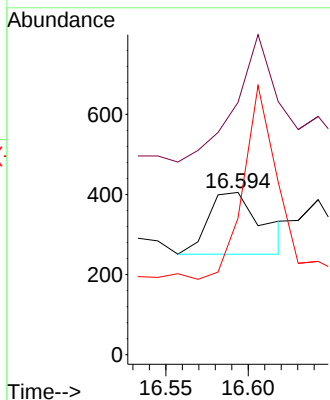
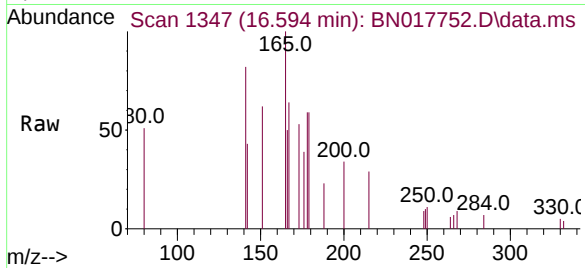




#23
 Atrazine
 Concen: 0.103 ng
 RT: 16.594 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BN017752.D
 Acq: 07 Dec 2021 05:33

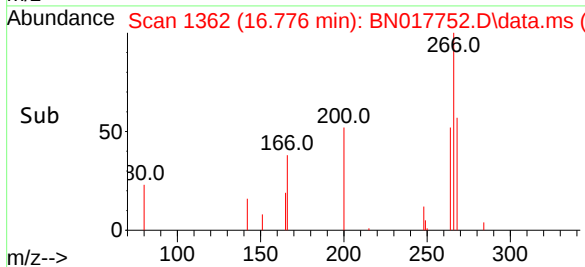
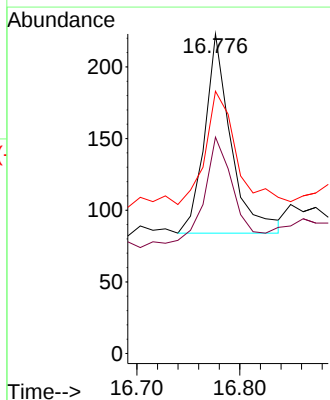
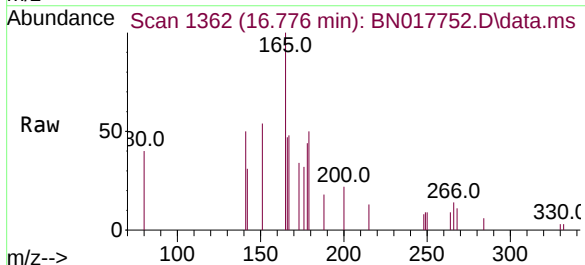
Instrument :
 BNA_N
 ClientSampleId :
 MW-45A

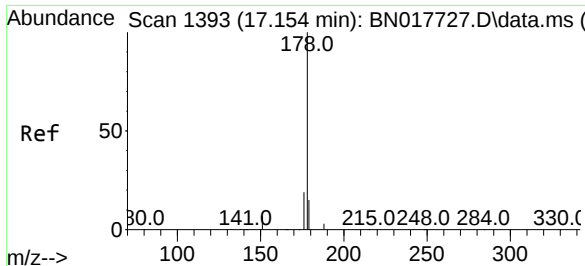
Tgt Ion:200 Resp: 355
 Ion Ratio Lower Upper
 200 100
 173 155.6 17.6 26.4#
 215 84.2 40.2 60.4#



#24
 Pentachlorophenol
 Concen: 0.172 ng
 RT: 16.776 min Scan# 1362
 Delta R.T. -0.013 min
 Lab File: BN017752.D
 Acq: 07 Dec 2021 05:33

Tgt Ion:266 Resp: 248
 Ion Ratio Lower Upper
 266 100
 264 58.5 49.8 74.8
 268 61.3 51.3 76.9

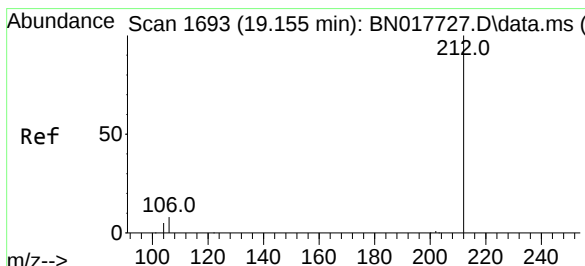
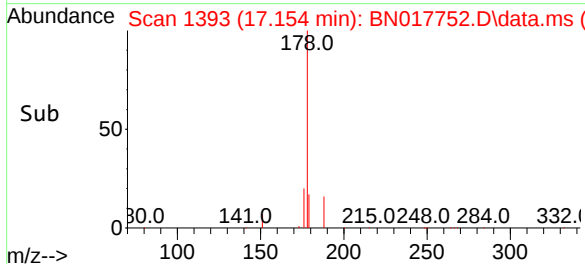
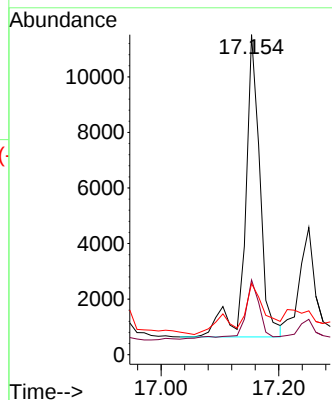
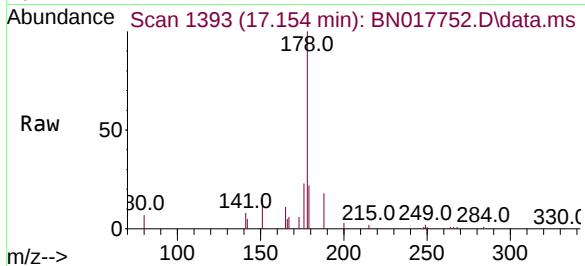




#25
Phenanthrene
Concen: 0.055 ng
RT: 17.154 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BN017752.D
Acq: 07 Dec 2021 05:33

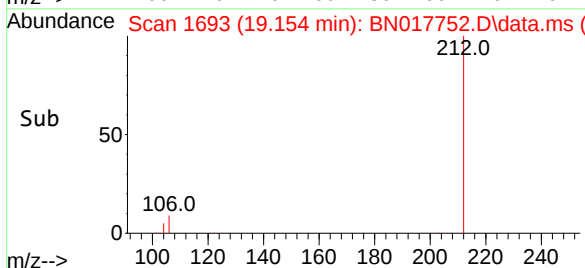
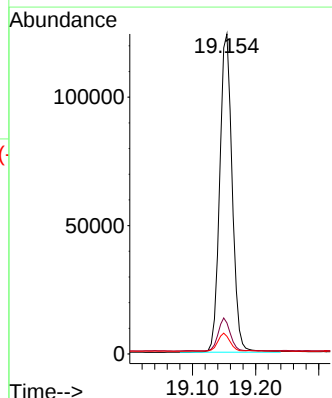
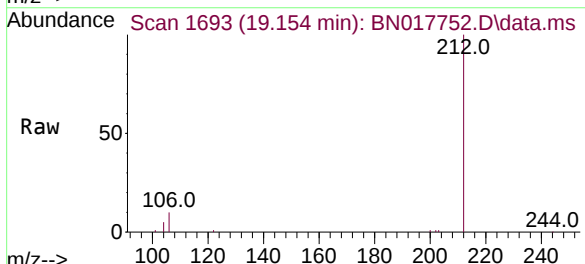
Instrument :
BNA_N
ClientSampleId :
MW-45A

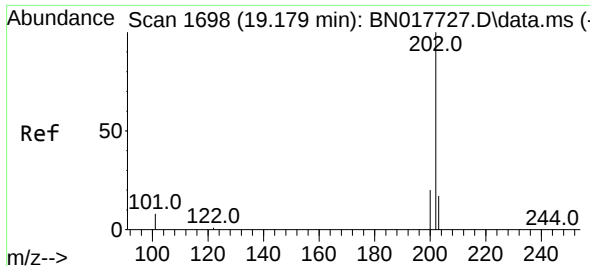
Tgt Ion:178 Resp: 19005
Ion Ratio Lower Upper
178 100
176 17.0 15.0 22.6
179 16.2 12.3 18.5



#27
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.154 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BN017752.D
Acq: 07 Dec 2021 05:33

Tgt Ion:212 Resp: 169585
Ion Ratio Lower Upper
212 100
106 9.9 10.5 15.7#
104 5.6 5.8 8.6#

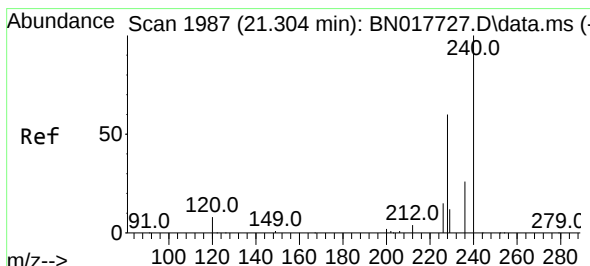
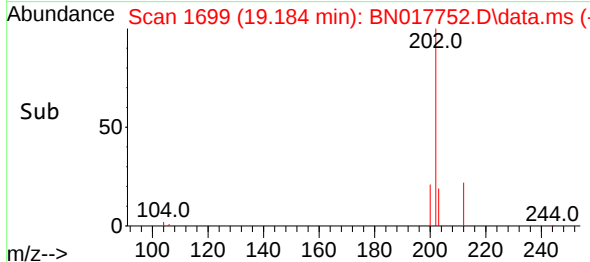
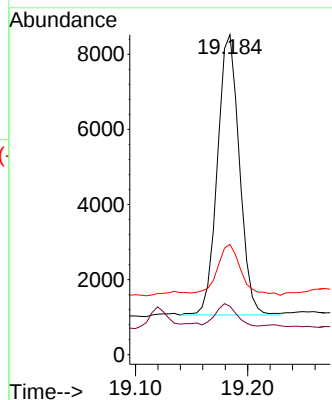
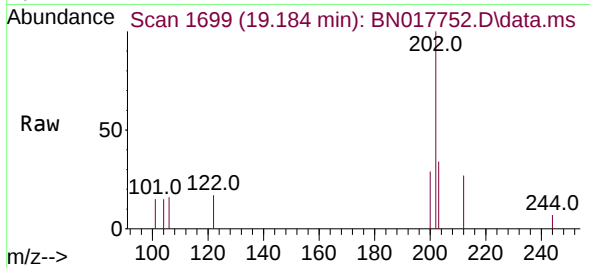




#28
Fluoranthene
Concen: 0.024 ng
RT: 19.184 min Scan# 1698
Delta R.T. 0.005 min
Lab File: BN017752.D
Acq: 07 Dec 2021 05:33

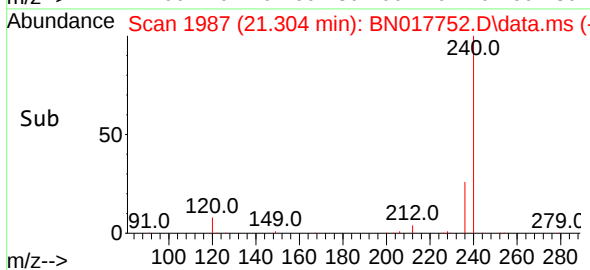
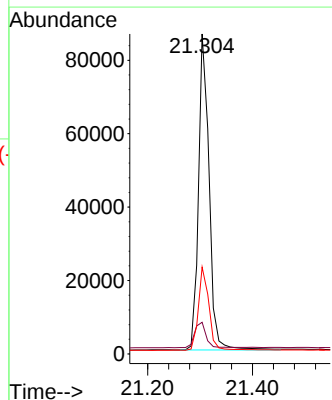
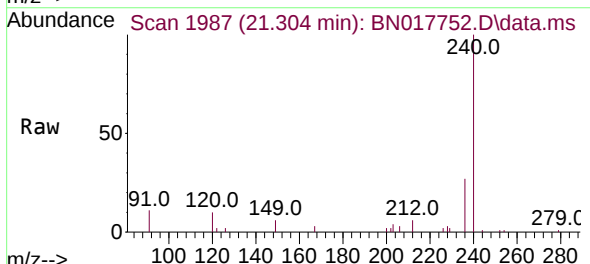
Instrument :
BNA_N
ClientSampleId :
MW-45A

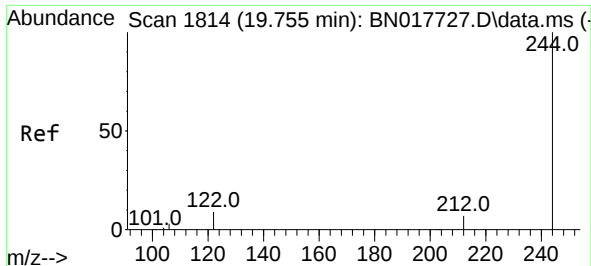
Tgt Ion:202 Resp: 10165
Ion Ratio Lower Upper
202 100
101 7.9 8.9 13.3#
203 19.6 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017752.D
Acq: 07 Dec 2021 05:33

Tgt Ion:240 Resp: 120926
Ion Ratio Lower Upper
240 100
120 9.9 4.2 6.2#
236 27.1 20.0 30.0

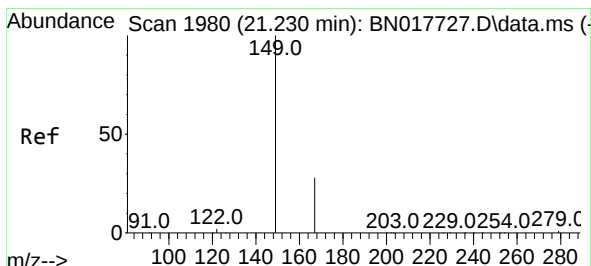
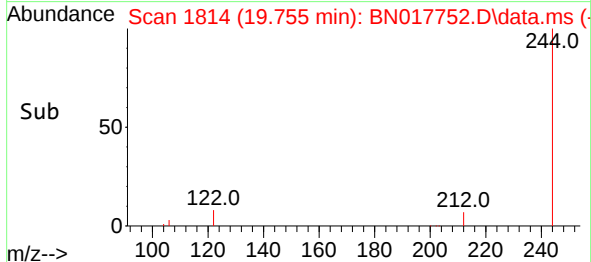
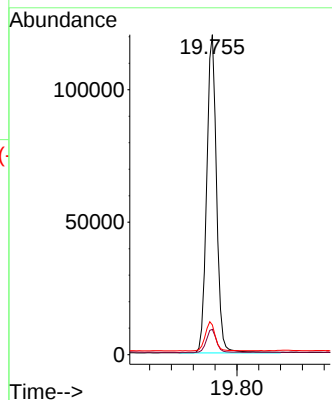
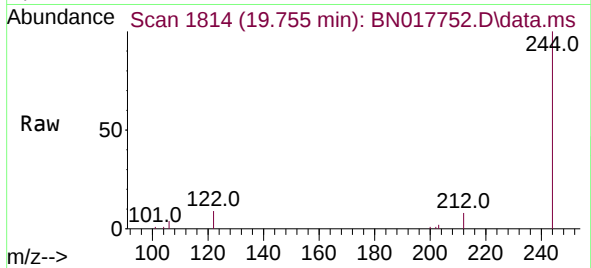




#31
 Terphenyl-d14
 Concen: 0.488 ng
 RT: 19.755 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BN017752.D
 Acq: 07 Dec 2021 05:33

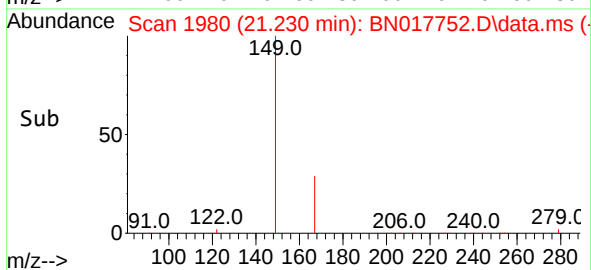
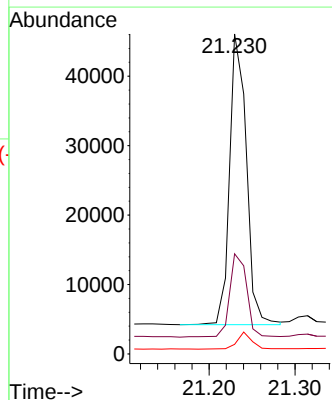
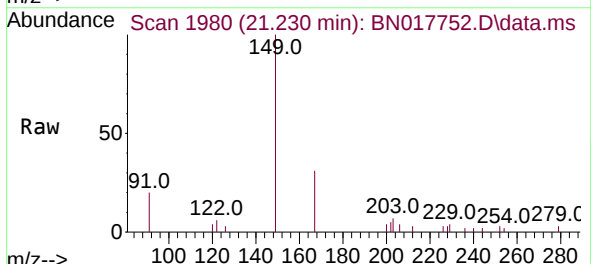
Instrument :
 BNA_N
 ClientSampleId :
 MW-45A

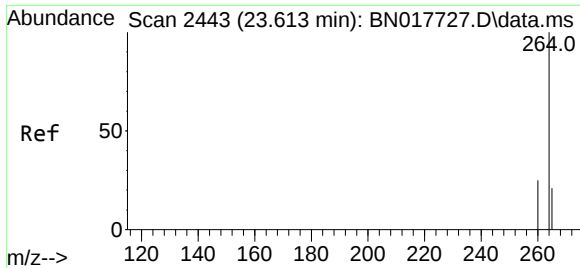
Tgt Ion:244 Resp: 151361
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 9.3 8.6 13.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.297 ng
 RT: 21.230 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: BN017752.D
 Acq: 07 Dec 2021 05:33

Tgt Ion:149 Resp: 56695
 Ion Ratio Lower Upper
 149 100
 167 29.1 21.8 32.6
 279 5.1 3.4 5.0#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.617 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: BN017752.D
 Acq: 07 Dec 2021 05:33

Instrument :
 BNA_N
 ClientSampleId :
 MW-45A

Tgt Ion:264	Resp:	105982
Ion Ratio	Lower	Upper
264	100	
260	25.4	19.4 29.2
265	28.2	18.6 28.0#

