

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
 Data File : BN017753.D
 Acq On : 07 Dec 2021 06:09
 Operator : CG/JU
 Sample : M4918-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-40

Quant Time: Dec 07 07:31:22 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)

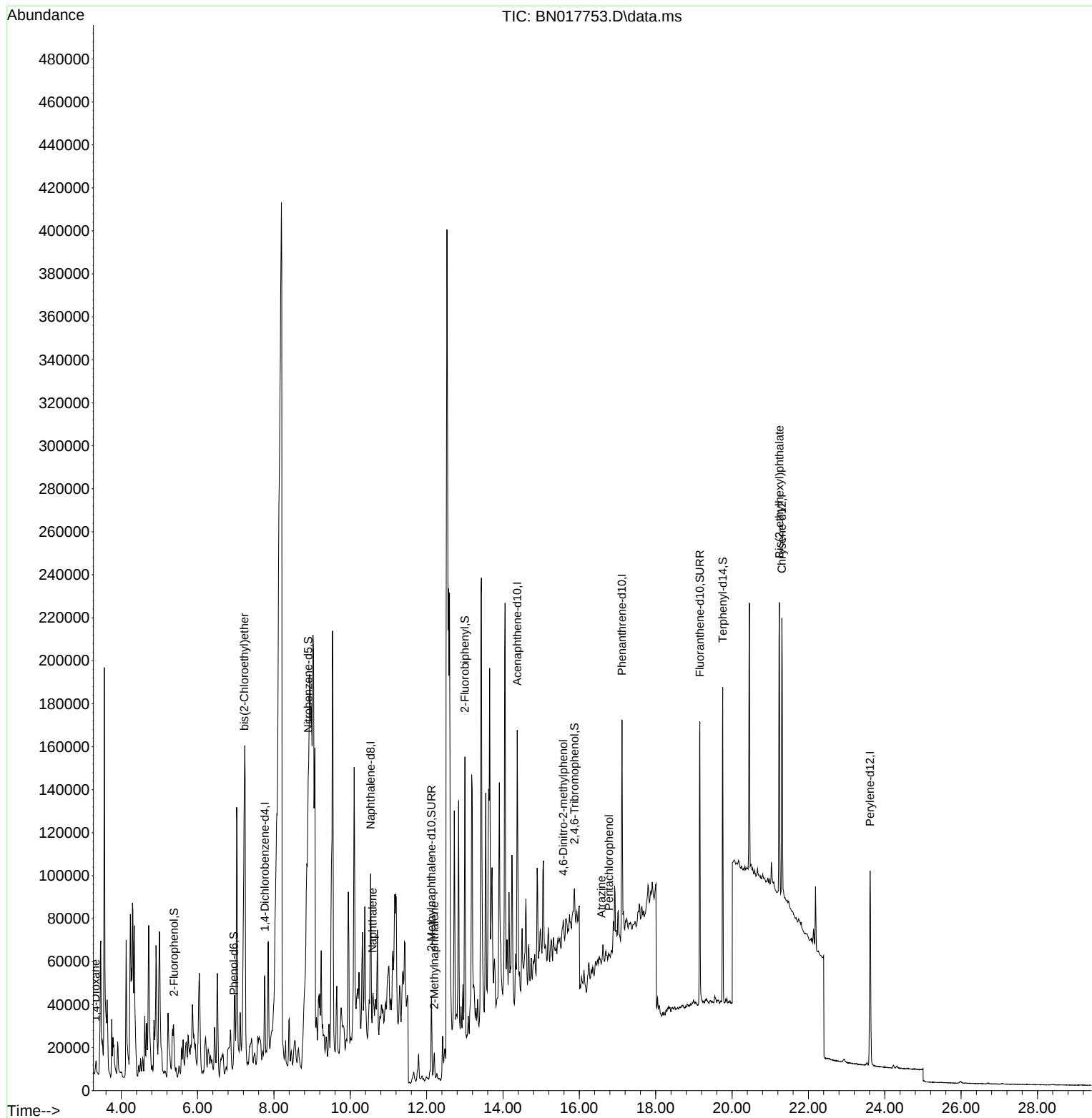
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.761	152	22924	0.400	ng	0.00
7) Naphthalene-d8	10.532	136	94274	0.400	ng	# 0.00
13) Acenaphthene-d10	14.373	164	96248	0.400	ng	0.00
19) Phenanthrene-d10	17.117	188	132114	0.400	ng	# 0.00
29) Chrysene-d12	21.304	240	132578	0.400	ng	# 0.00
35) Perylene-d12	23.617	264	124900	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.382	112	10975	0.223	ng	0.03
5) Phenol-d6	6.950	99	5191	0.098	ng	0.02
8) Nitrobenzene-d5	8.897	82	78484	1.232	ng	0.00
11) 2-Methylnaphthalene-d10	12.125	152	53709	0.311	ng	0.00
14) 2,4,6-Tribromophenol	15.870	330	18483	0.444	ng	0.00
15) 2-Fluorobiphenyl	13.003	172	100404	0.282	ng	0.00
27) Fluoranthene-d10	19.154	212	156408	0.352	ng	0.00
31) Terphenyl-d14	19.755	244	148234	0.436	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.326	88	814	0.054	ng	# 47
6) bis(2-Chloroethyl)ether	7.226	93	2149	0.037	ng	# 53
9) Naphthalene	10.583	128	12238	0.052	ng	# 55
12) 2-Methylnaphthalene	12.197	142	7878	0.049	ng	# 57
20) 4,6-Dinitro-2-methylph...	15.578	198	5563	1.376	ng	# 40
23) Atrazine	16.582	200	894	0.111	ng	# 1
24) Pentachlorophenol	16.776	266	602	0.190	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.240	149	140989	0.674	ng	97

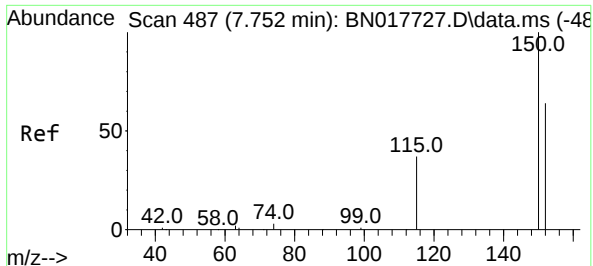
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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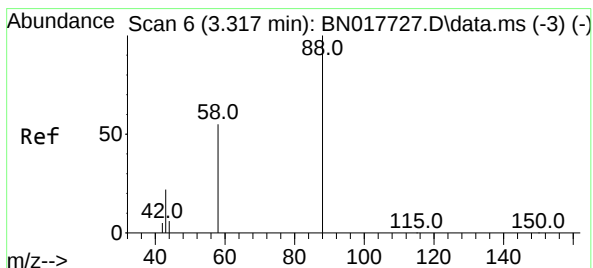
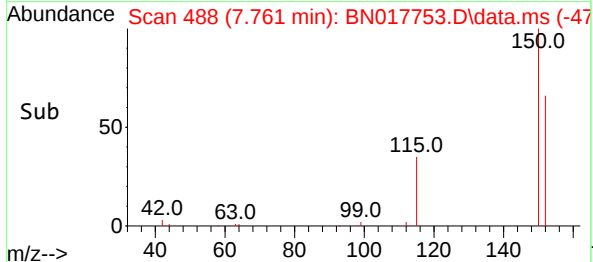
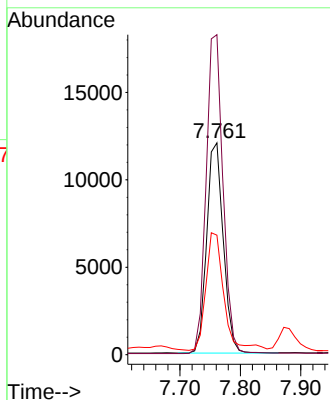
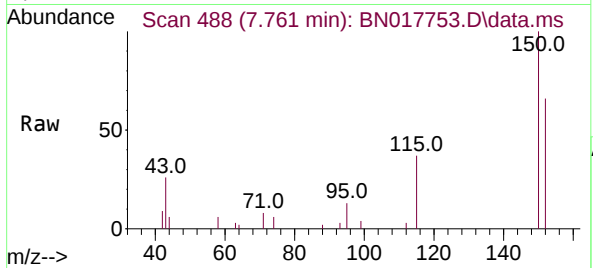




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.761 min Scan# 41
 Delta R.T. 0.009 min
 Lab File: BN017753.D
 Acq: 07 Dec 2021 06:09

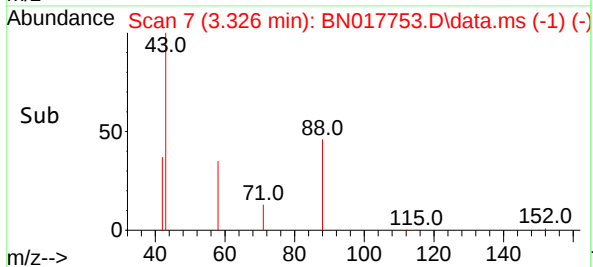
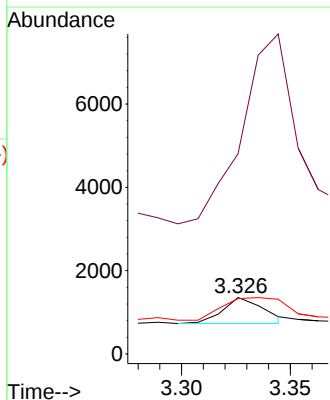
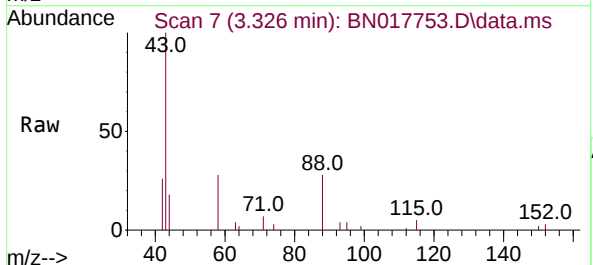
Instrument :
 BNA_N
 ClientSampleId :
 MW-40

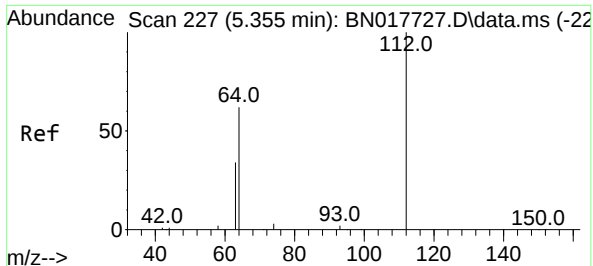
Tgt Ion:152 Resp: 22924
 Ion Ratio Lower Upper
 152 100
 150 151.0 123.0 184.4
 115 56.4 45.6 68.4



#2
 1,4-Dioxane
 Concen: 0.054 ng
 RT: 3.326 min Scan# 7
 Delta R.T. 0.009 min
 Lab File: BN017753.D
 Acq: 07 Dec 2021 06:09

Tgt Ion: 88 Resp: 814
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.7 37.1#
 58 124.4 63.0 94.6#

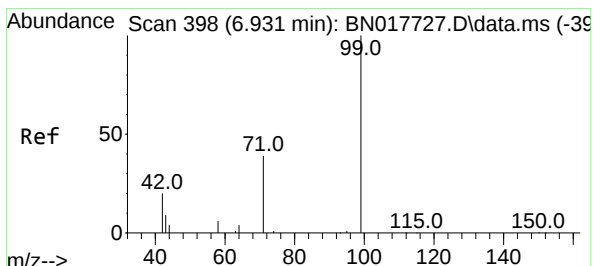
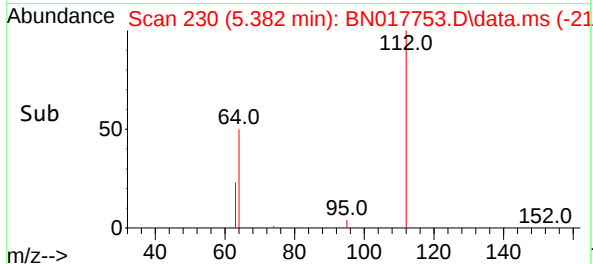
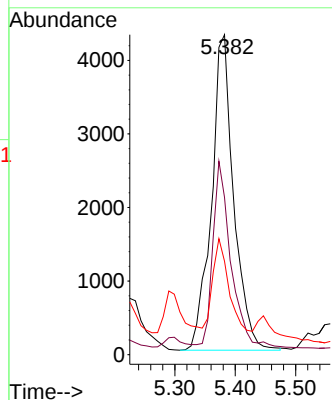
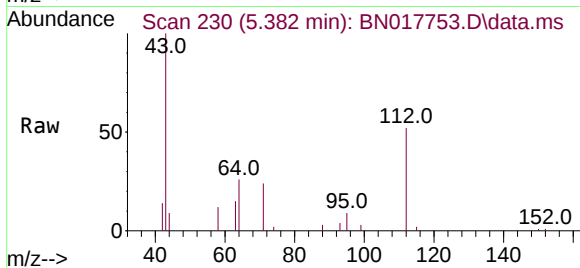




#4
2-Fluorophenol
Concen: 0.223 ng
RT: 5.382 min Scan# 21
Delta R.T. 0.027 min
Lab File: BN017753.D
Acq: 07 Dec 2021 06:09

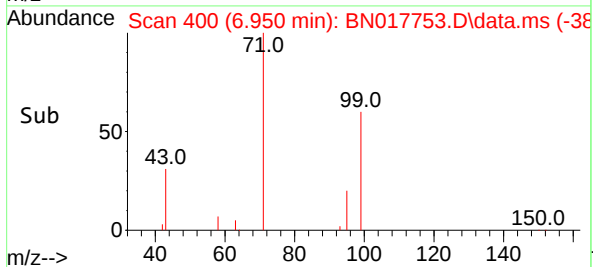
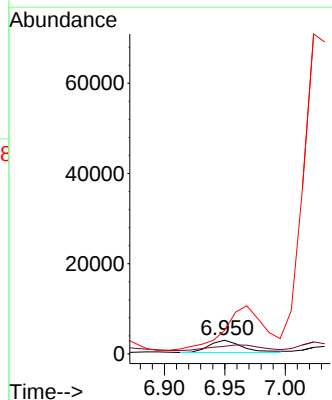
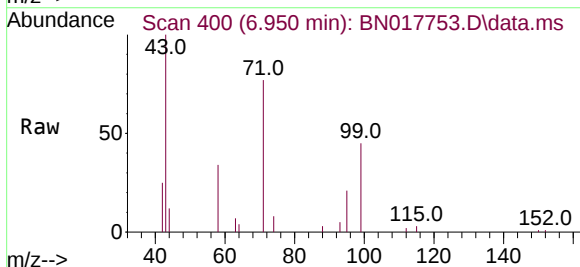
Instrument :
BNA_N
ClientSampleId :
MW-40

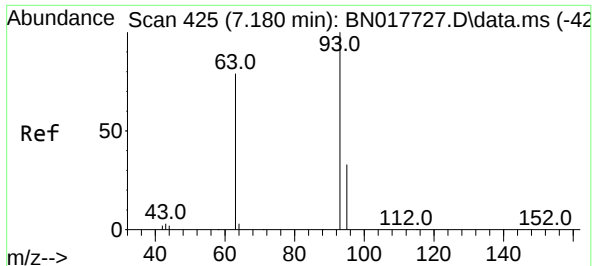
Tgt Ion:112 Resp: 10975
Ion Ratio Lower Upper
112 100
64 46.4 47.6 71.4#
63 21.0 24.6 37.0#



#5
Phenol-d6
Concen: 0.098 ng
RT: 6.950 min Scan# 400
Delta R.T. 0.018 min
Lab File: BN017753.D
Acq: 07 Dec 2021 06:09

Tgt Ion: 99 Resp: 5191
Ion Ratio Lower Upper
99 100
42 66.2 17.0 25.6#
71 440.5 24.8 37.2#

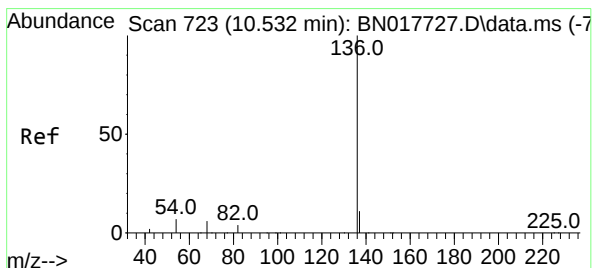
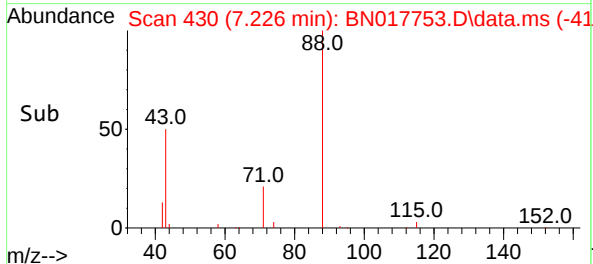
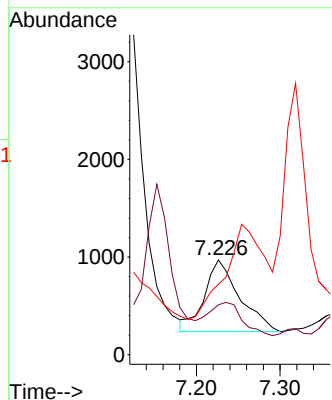
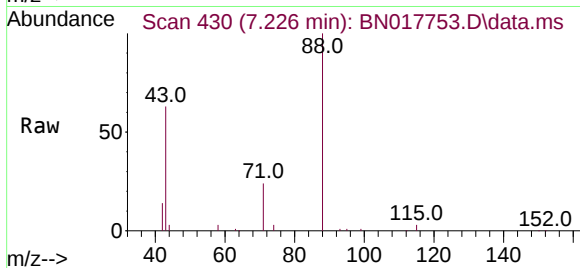




#6
bis(2-Chloroethyl)ether
Concen: 0.037 ng
RT: 7.226 min Scan# 41
Delta R.T. 0.046 min
Lab File: BN017753.D
Acq: 07 Dec 2021 06:09

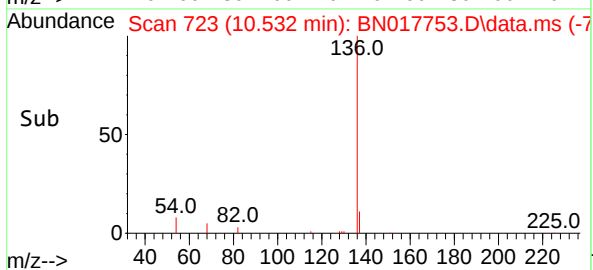
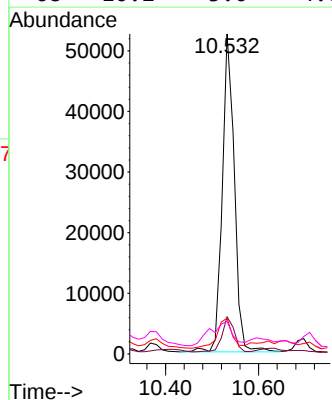
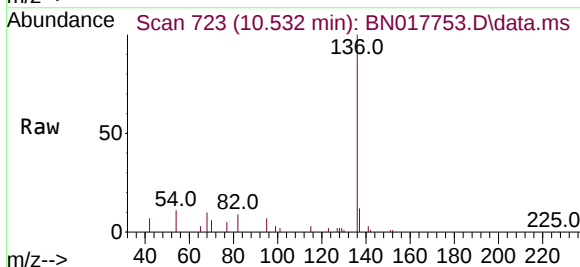
Instrument :
BNA_N
ClientSampleId :
MW-40

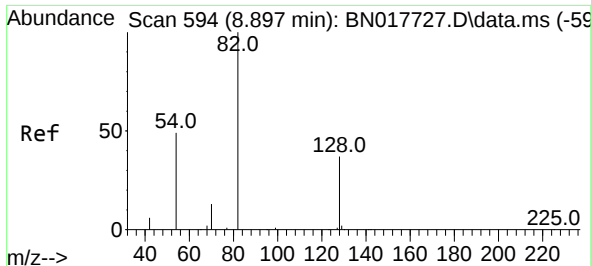
Tgt Ion: 93 Resp: 2149
Ion Ratio Lower Upper
93 100
63 44.8 65.8 98.6#
95 0.0 26.6 39.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.532 min Scan# 723
Delta R.T. -0.000 min
Lab File: BN017753.D
Acq: 07 Dec 2021 06:09

Tgt Ion: 136 Resp: 94274
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 11.2 4.0 6.0#
68 10.2 3.0 4.6#

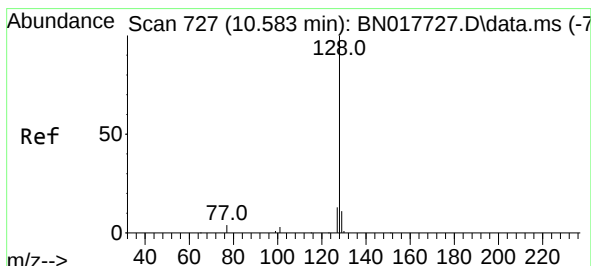
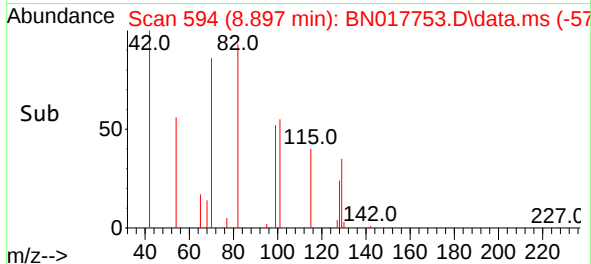
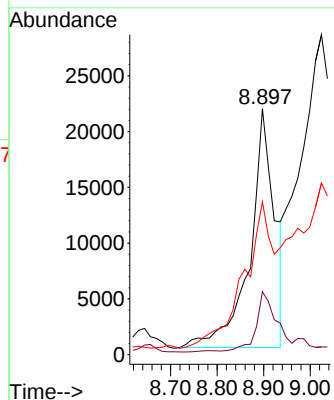
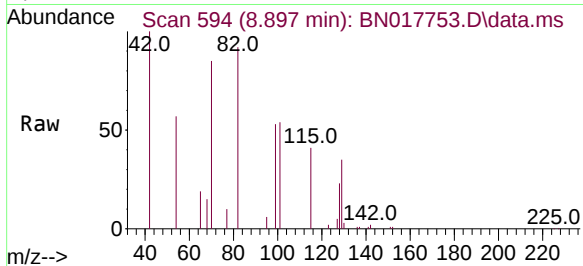




#8
Nitrobenzene-d5
Concen: 1.232 ng
RT: 8.897 min Scan# 594
Delta R.T. -0.000 min
Lab File: BN017753.D
Acq: 07 Dec 2021 06:09

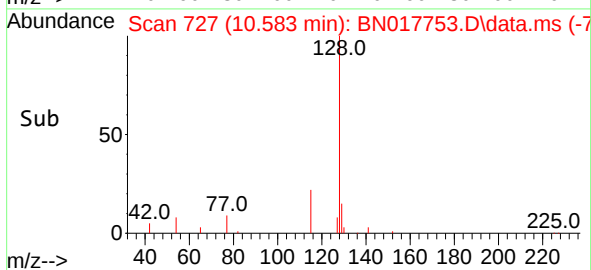
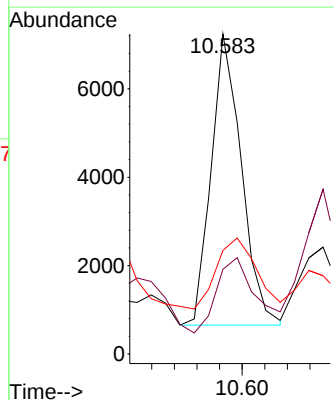
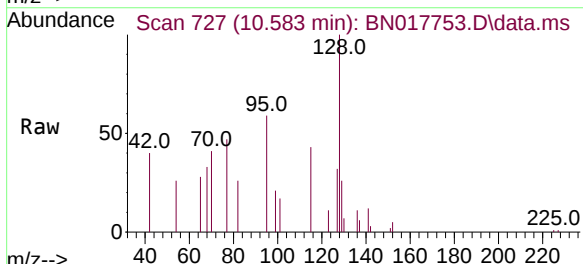
Instrument :
BNA_N
ClientSampleId :
MW-40

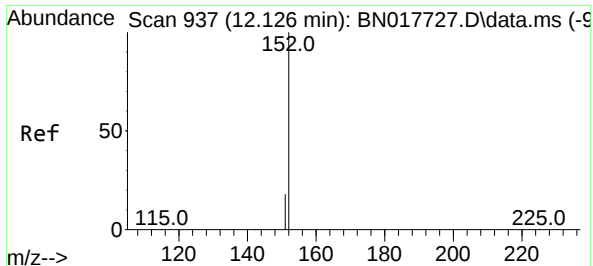
Tgt Ion: 82 Resp: 78484
Ion Ratio Lower Upper
82 100
128 25.6 27.7 41.5#
54 62.2 49.2 73.8



#9
Naphthalene
Concen: 0.052 ng
RT: 10.583 min Scan# 727
Delta R.T. -0.000 min
Lab File: BN017753.D
Acq: 07 Dec 2021 06:09

Tgt Ion: 128 Resp: 12238
Ion Ratio Lower Upper
128 100
129 26.5 8.8 13.2#
127 32.3 10.6 15.8#





#11

2-Methylnaphthalene-d10

Concen: 0.311 ng

RT: 12.125 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN017753.D

Acq: 07 Dec 2021 06:09

Instrument :

BNA_N

ClientSampleId :

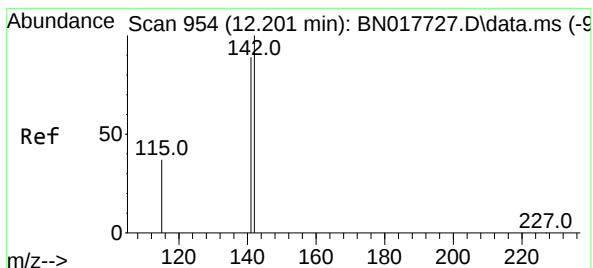
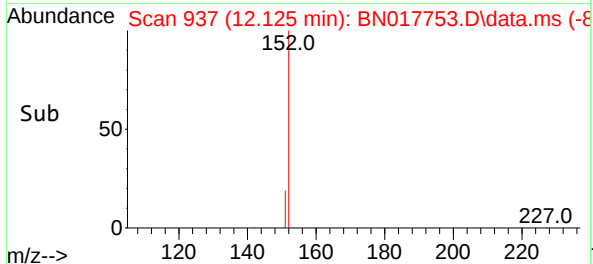
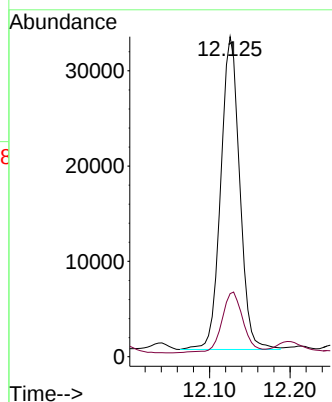
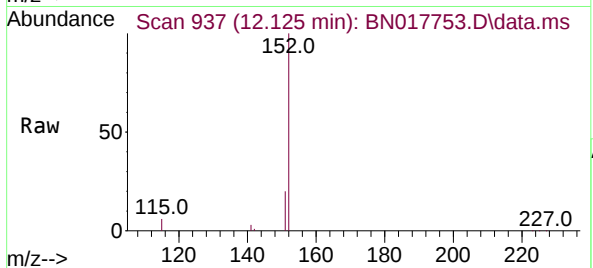
MW-40

Tgt Ion:152 Resp: 53709

Ion Ratio Lower Upper

152 100

151 22.2 16.2 24.4



#12

2-Methylnaphthalene

Concen: 0.049 ng

RT: 12.197 min Scan# 953

Delta R.T. -0.005 min

Lab File: BN017753.D

Acq: 07 Dec 2021 06:09

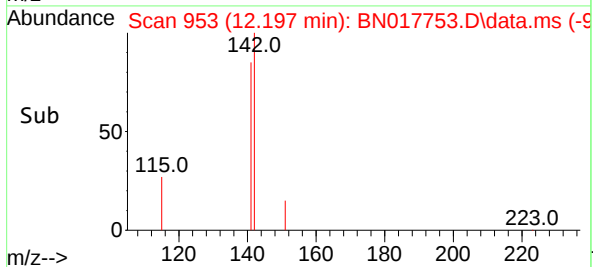
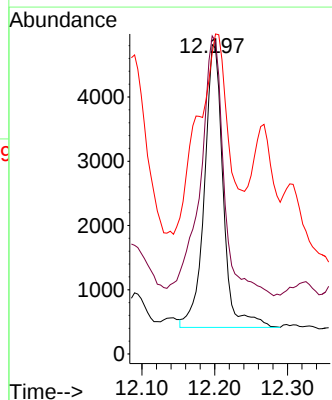
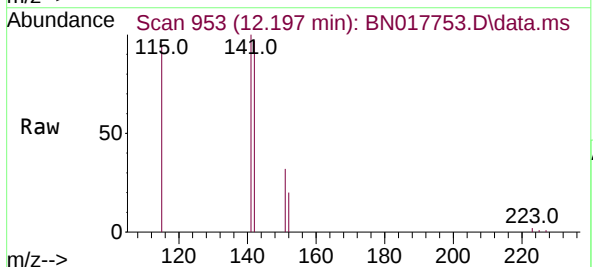
Tgt Ion:142 Resp: 7878

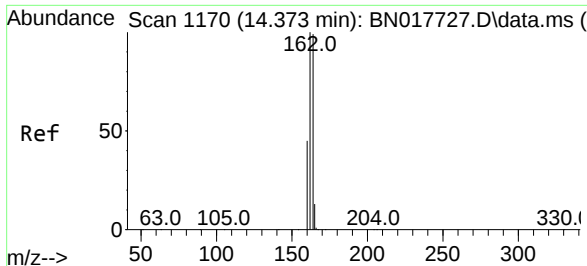
Ion Ratio Lower Upper

142 100

141 102.8 70.6 106.0

115 97.4 25.8 38.6#

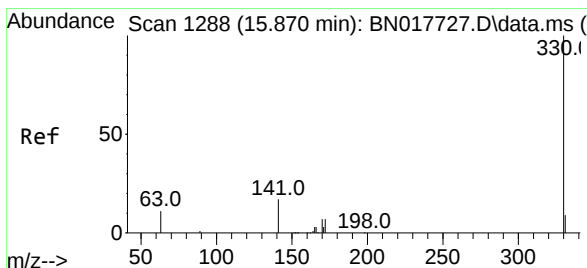
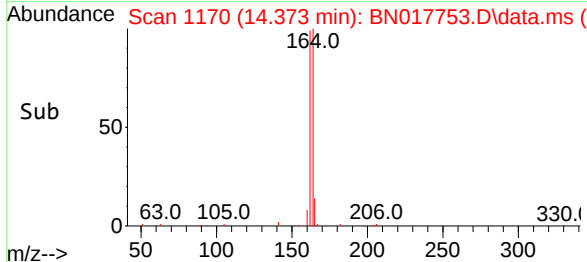
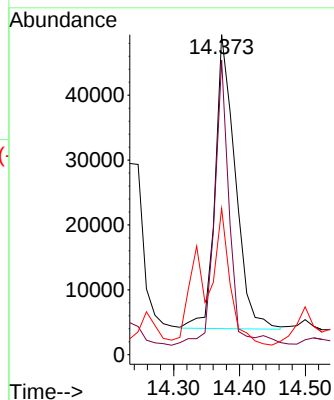
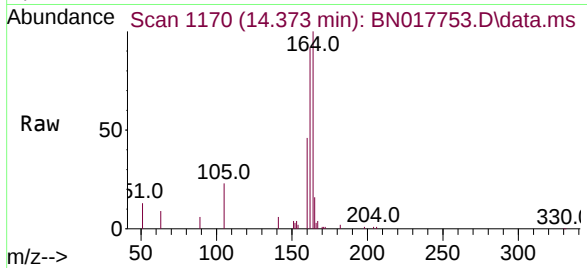




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.373 min Scan# 1170
 Delta R.T. -0.000 min
 Lab File: BN017753.D
 Acq: 07 Dec 2021 06:09

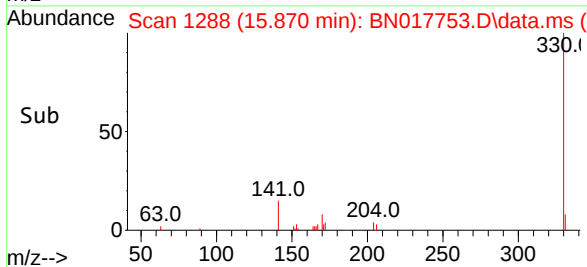
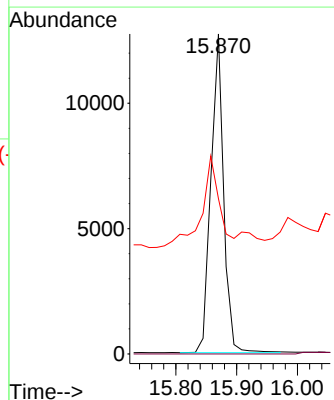
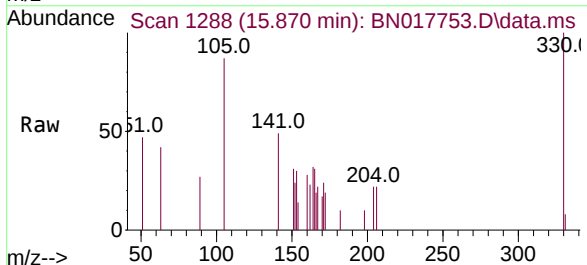
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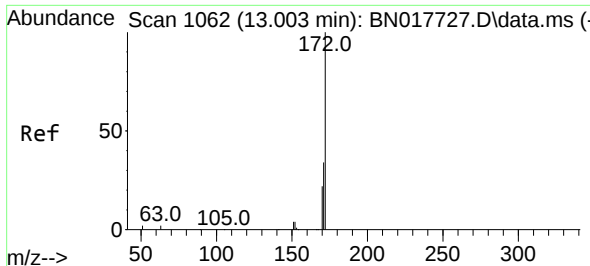
Tgt Ion:164 Resp: 96248
 Ion Ratio Lower Upper
 164 100
 162 92.1 81.4 122.2
 160 45.7 36.8 55.2



#14
 2,4,6-Tribromophenol
 Concen: 0.444 ng
 RT: 15.870 min Scan# 1288
 Delta R.T. -0.000 min
 Lab File: BN017753.D
 Acq: 07 Dec 2021 06:09

Tgt Ion:330 Resp: 18483
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 31.2 28.9 43.3

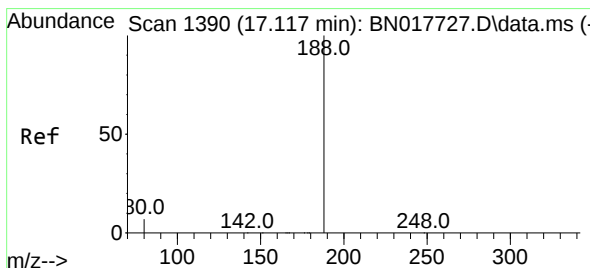
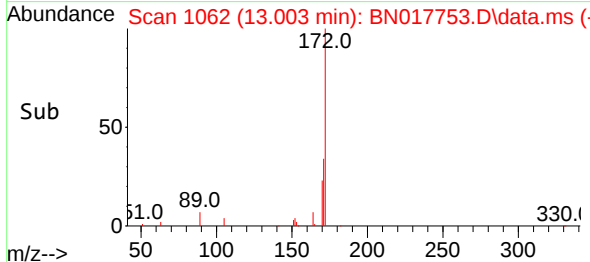
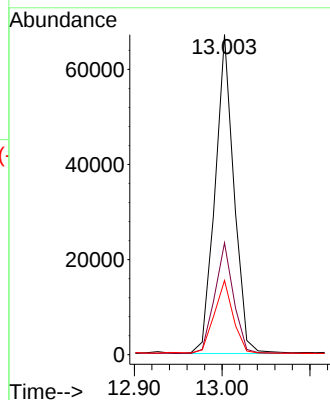
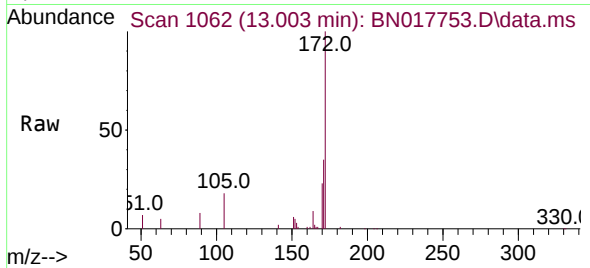




#15
2-Fluorobiphenyl
Concen: 0.282 ng
RT: 13.003 min Scan# 1062
Delta R.T. -0.000 min
Lab File: BN017753.D
Acq: 07 Dec 2021 06:09

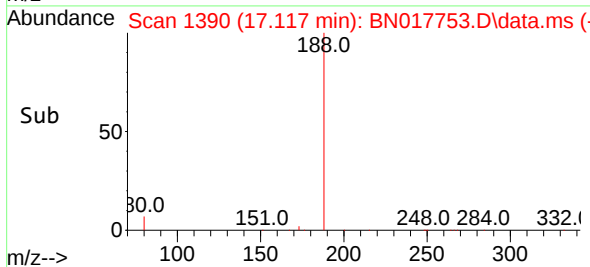
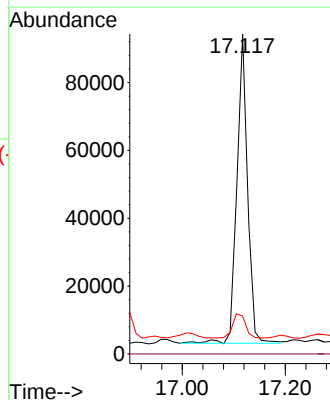
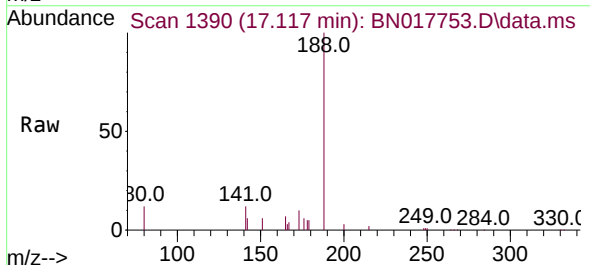
Instrument :
BNA_N
ClientSampleId :
MW-40

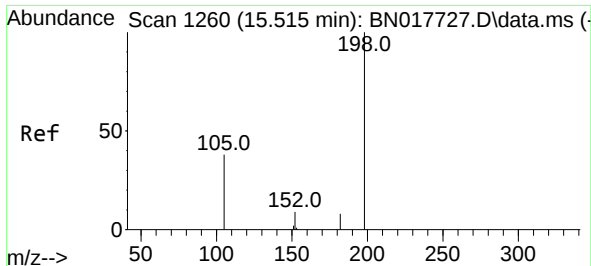
Tgt Ion:172 Resp: 100404
Ion Ratio Lower Upper
172 100
171 34.9 28.7 43.1
170 23.2 19.4 29.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.117 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BN017753.D
Acq: 07 Dec 2021 06:09

Tgt Ion:188 Resp: 132114
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 6.1 9.1#

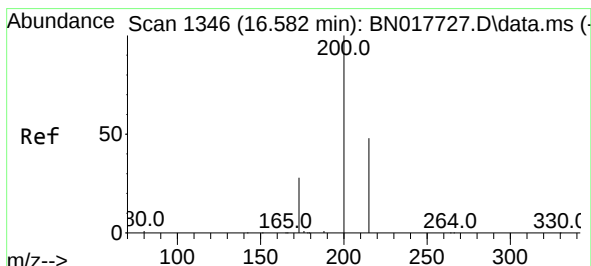
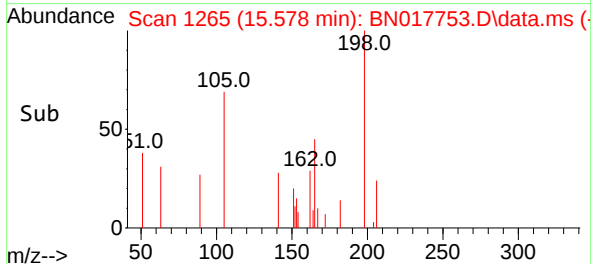
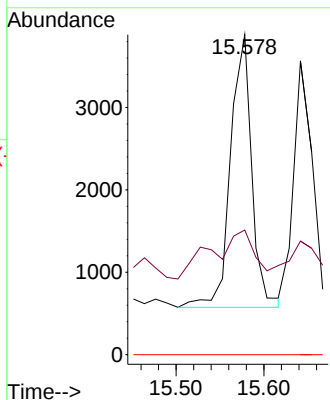
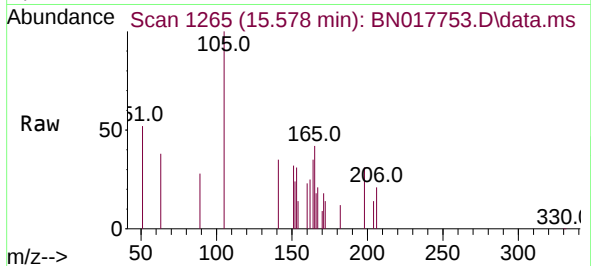




#20
4,6-Dinitro-2-methylphenol
Concen: 1.376 ng
RT: 15.578 min Scan# 1265
Delta R.T. 0.063 min
Lab File: BN017753.D
Acq: 07 Dec 2021 06:09

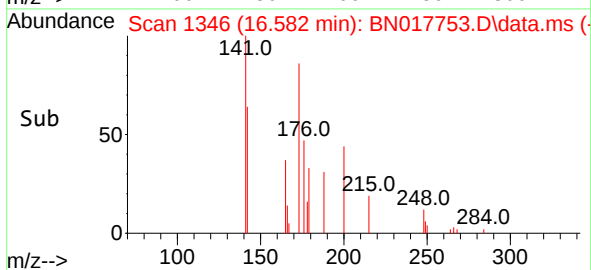
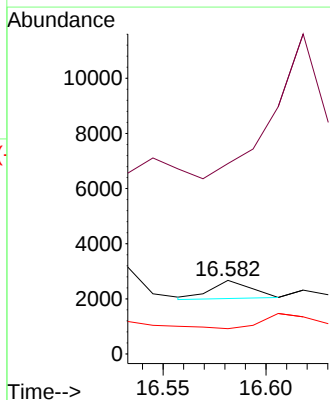
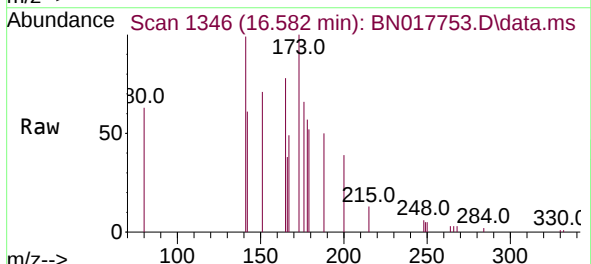
Instrument :
BNA_N
ClientSampleId :
MW-40

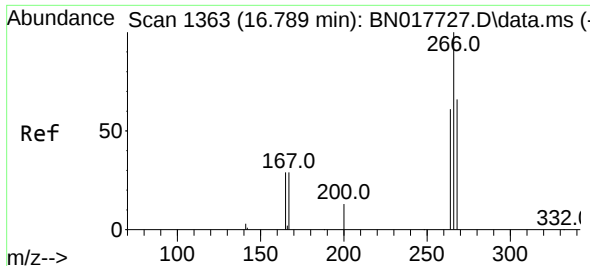
Tgt Ion:198 Resp: 5563
Ion Ratio Lower Upper
198 100
182 39.0 11.4 17.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.111 ng
RT: 16.582 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BN017753.D
Acq: 07 Dec 2021 06:09

Tgt Ion:200 Resp: 894
Ion Ratio Lower Upper
200 100
173 258.9 17.6 26.4#
215 34.4 40.2 60.4#

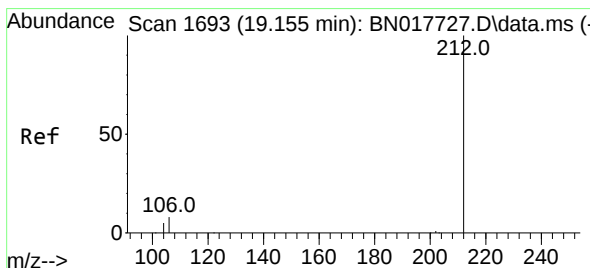
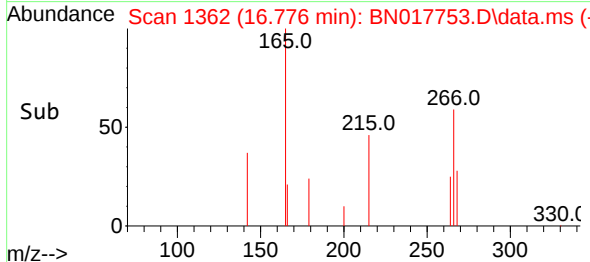
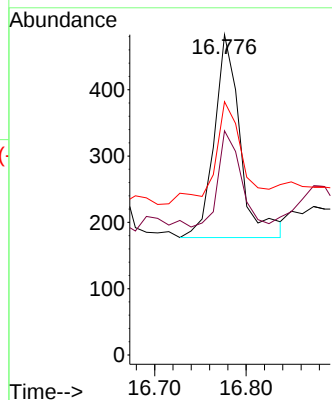
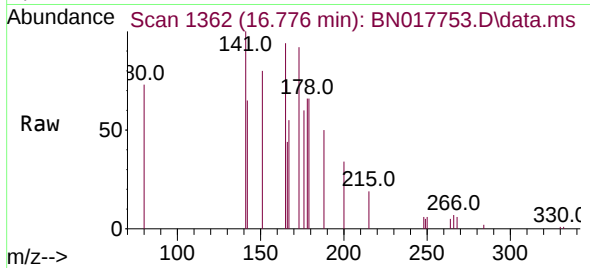




#24
 Pentachlorophenol
 Concen: 0.190 ng
 RT: 16.776 min Scan# 1362
 Delta R.T. -0.013 min
 Lab File: BN017753.D
 Acq: 07 Dec 2021 06:09

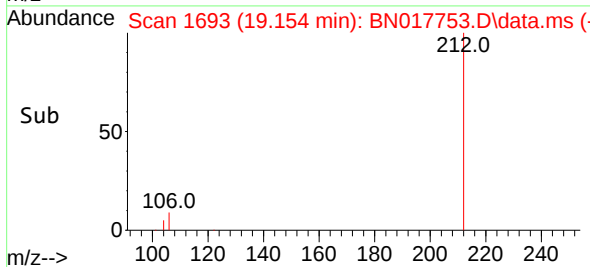
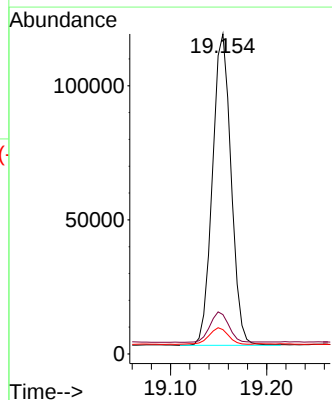
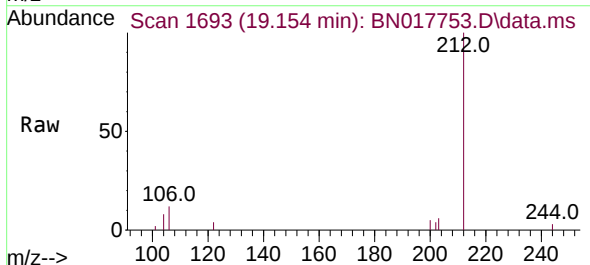
Instrument :
 BNA_N
 ClientSampleId :
 MW-40

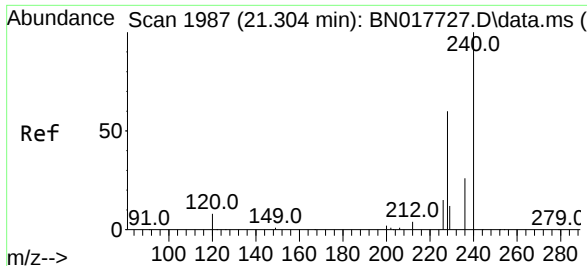
Tgt Ion:266 Resp: 602
 Ion Ratio Lower Upper
 266 100
 264 41.5 49.8 74.8#
 268 54.2 51.3 76.9



#27
 Fluoranthene-d10
 Concen: 0.352 ng
 RT: 19.154 min Scan# 1693
 Delta R.T. -0.000 min
 Lab File: BN017753.D
 Acq: 07 Dec 2021 06:09

Tgt Ion:212 Resp: 156408
 Ion Ratio Lower Upper
 212 100
 106 9.8 10.5 15.7#
 104 5.6 5.8 8.6#

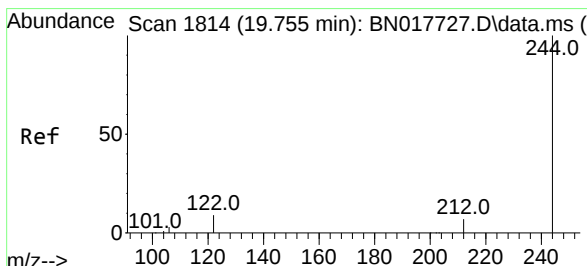
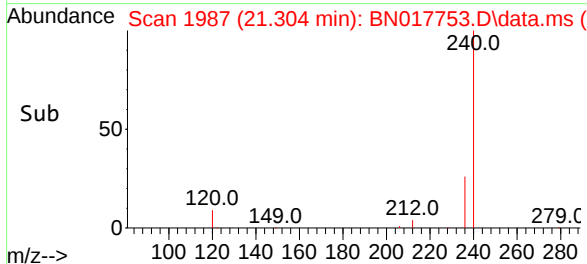
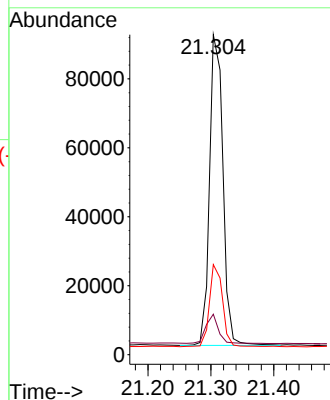
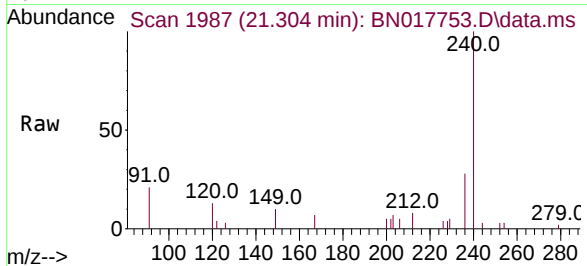




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017753.D
Acq: 07 Dec 2021 06:09

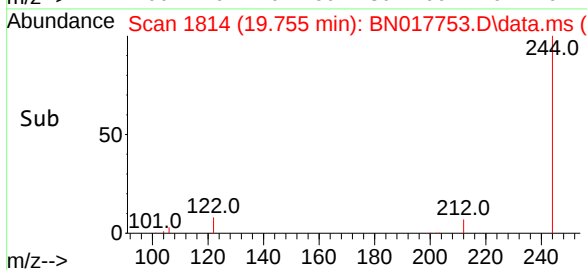
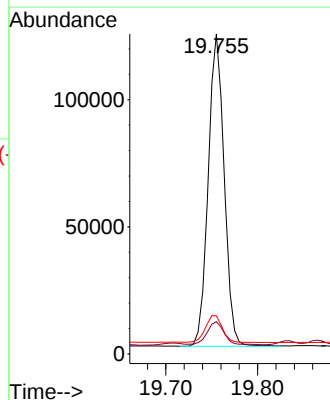
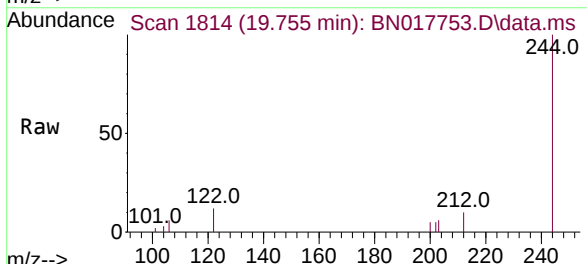
Instrument :
BNA_N
ClientSampleId :
MW-40

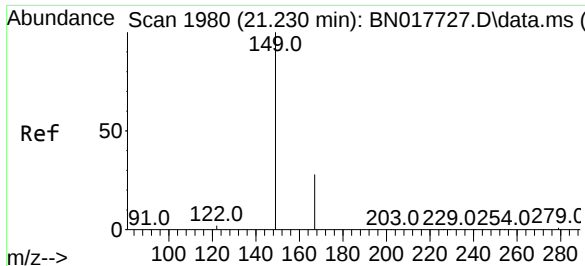
Tgt Ion:240 Resp: 132578
Ion Ratio Lower Upper
240 100
120 12.6 4.2 6.2#
236 28.1 20.0 30.0



#31
Terphenyl-d14
Concen: 0.436 ng
RT: 19.755 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BN017753.D
Acq: 07 Dec 2021 06:09

Tgt Ion:244 Resp: 148234
Ion Ratio Lower Upper
244 100
212 10.1 5.7 8.5#
122 11.9 8.6 13.0

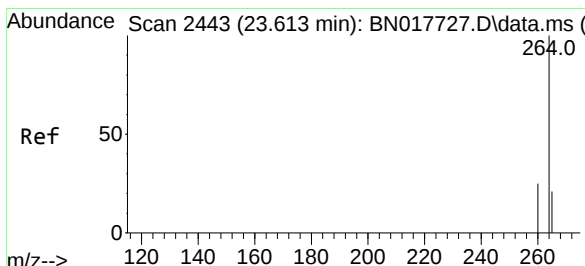
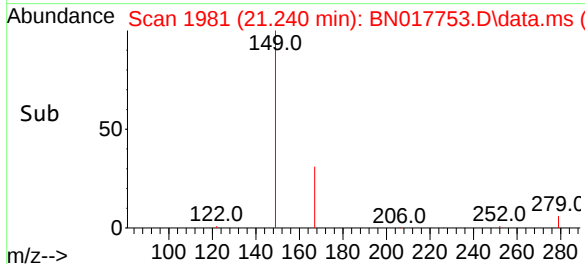
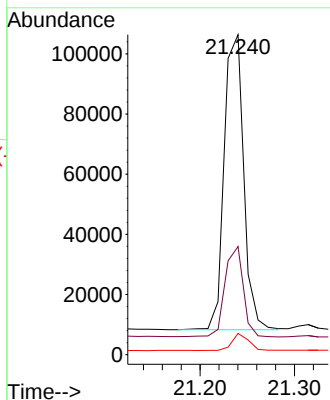
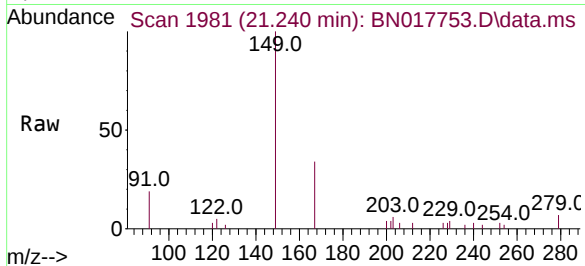




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.674 ng
 RT: 21.240 min Scan# 1981
 Delta R.T. 0.010 min
 Lab File: BN017753.D
 Acq: 07 Dec 2021 06:09

Instrument :
 BNA_N
 ClientSampleId :
 MW-40

Tgt Ion:149 Resp: 140989
 Ion Ratio Lower Upper
 149 100
 167 28.8 21.8 32.6
 279 4.9 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: BN017753.D
 Acq: 07 Dec 2021 06:09

Tgt Ion:264 Resp: 124900
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.4 29.2
 265 28.0 18.6 28.0#

