

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
 Data File : BN017754.D
 Acq On : 07 Dec 2021 06:45
 Operator : CG/JU
 Sample : M4918-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-42

Quant Time: Dec 07 07:31:33 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)

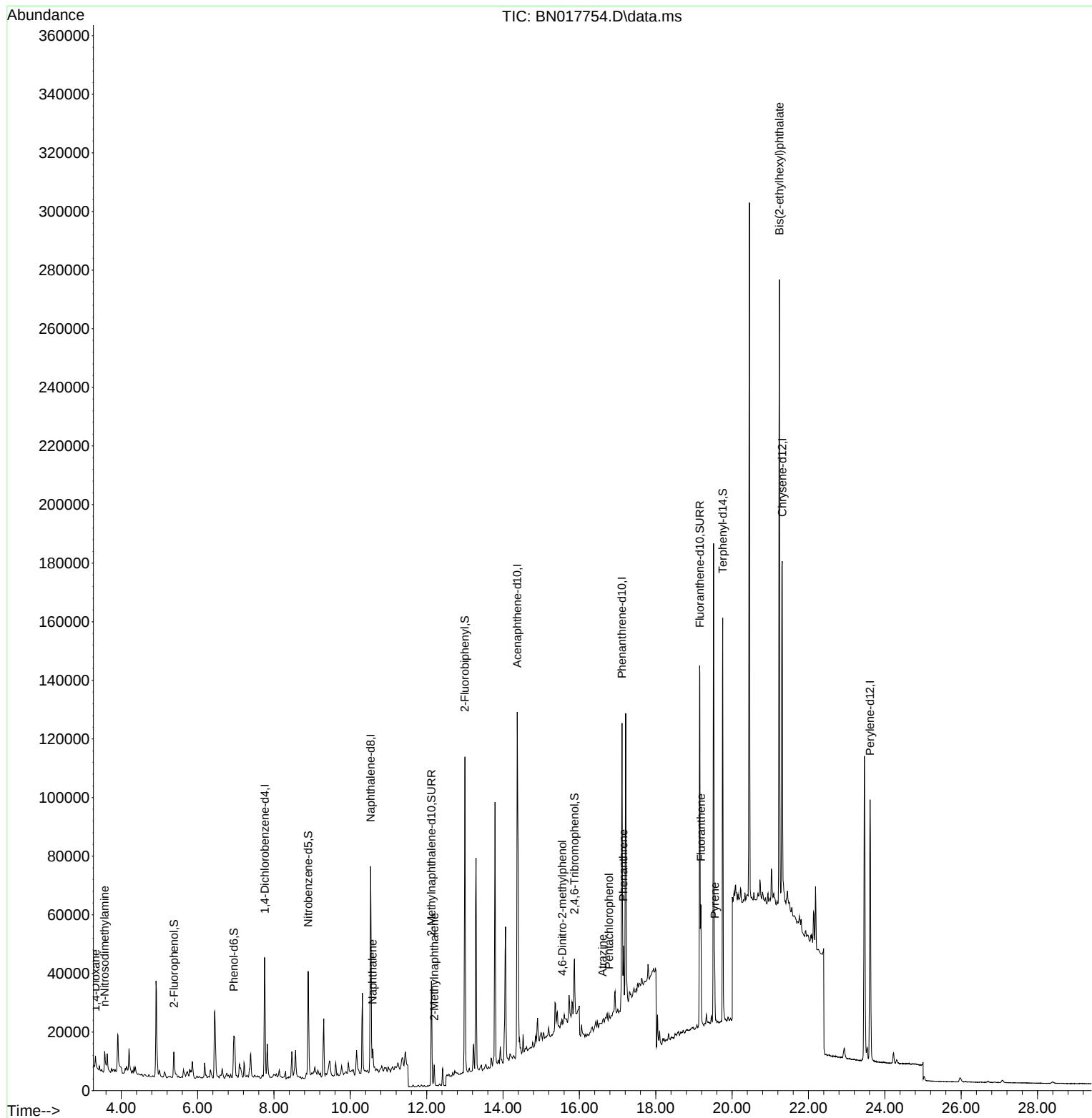
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.761	152	23494	0.400	ng	0.00
7) Naphthalene-d8	10.532	136	96866	0.400	ng	# 0.00
13) Acenaphthene-d10	14.373	164	65553	0.400	ng	0.00
19) Phenanthrene-d10	17.117	188	131158	0.400	ng	# 0.00
29) Chrysene-d12	21.314	240	127047	0.400	ng	0.01
35) Perylene-d12	23.616	264	120532	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.382	112	9543	0.189	ng	0.03
5) Phenol-d6	6.949	99	13425	0.249	ng	0.02
8) Nitrobenzene-d5	8.897	82	32183	0.492	ng	0.00
11) 2-Methylnaphthalene-d10	12.125	152	49526	0.279	ng	0.00
14) 2,4,6-Tribromophenol	15.870	330	17390	0.560	ng	0.00
15) 2-Fluorobiphenyl	13.002	172	93004	0.383	ng	0.00
27) Fluoranthene-d10	19.154	212	148192	0.336	ng	0.00
31) Terphenyl-d14	19.755	244	140925	0.432	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.326	88	1301	0.084	ng	# 1
3) n-Nitrosodimethylamine	3.565	42	844	0.038	ng	# 1
9) Naphthalene	10.583	128	7109	0.030	ng	# 91
12) 2-Methylnaphthalene	12.196	142	4875	0.030	ng	# 90
20) 4,6-Dinitro-2-methylph...	15.553	198	481	0.323	ng	# 1
23) Atrazine	16.606	200	259	0.102	ng	# 1
24) Pentachlorophenol	16.776	266	687	0.195	ng	91
25) Phenanthrene	17.153	178	23121	0.067	ng	# 83
28) Fluoranthene	19.184	202	37455	0.090	ng	96
30) Pyrene	19.546	202	18567	0.039	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.240	149	211383	1.055	ng	98

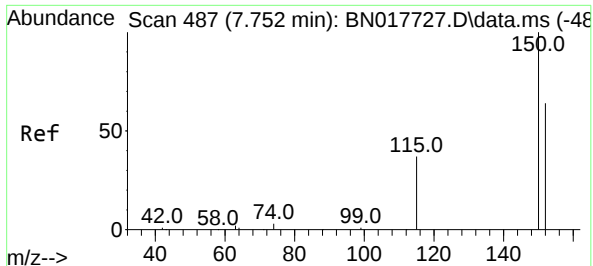
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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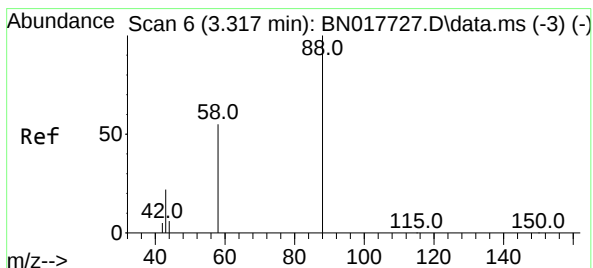
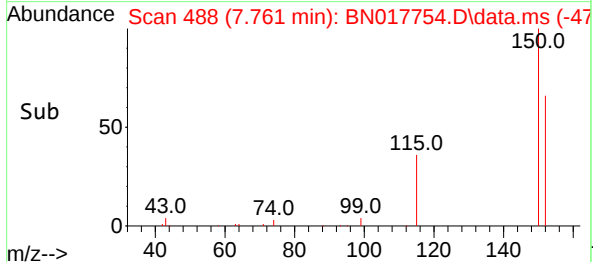
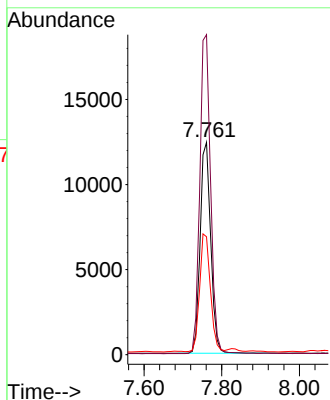
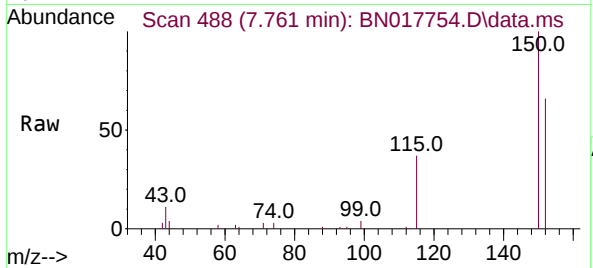




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.761 min Scan# 41
 Delta R.T. 0.009 min
 Lab File: BN017754.D
 Acq: 07 Dec 2021 06:45

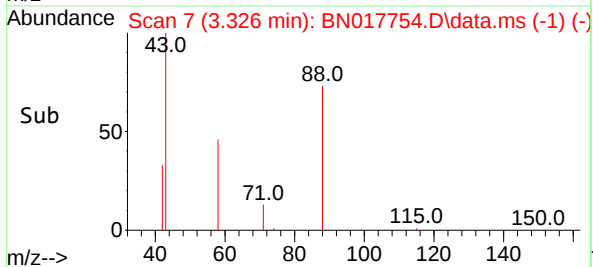
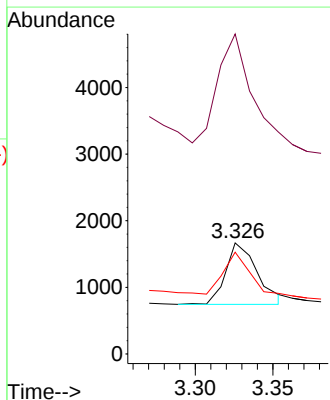
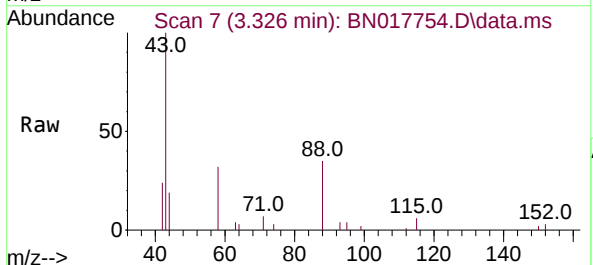
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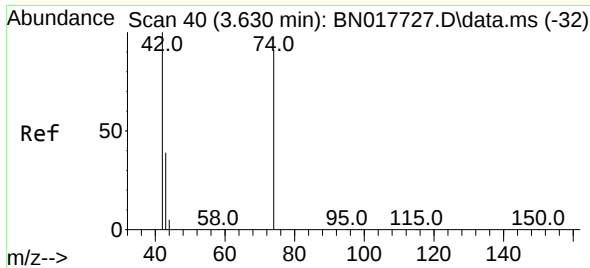
Tgt Ion:152 Resp: 23494
 Ion Ratio Lower Upper
 152 100
 150 150.7 123.0 184.4
 115 55.5 45.6 68.4



#2
 1,4-Dioxane
 Concen: 0.084 ng
 RT: 3.326 min Scan# 7
 Delta R.T. 0.009 min
 Lab File: BN017754.D
 Acq: 07 Dec 2021 06:45

Tgt Ion: 88 Resp: 1301
 Ion Ratio Lower Upper
 88 100
 43 184.9 24.7 37.1#
 58 51.3 63.0 94.6#

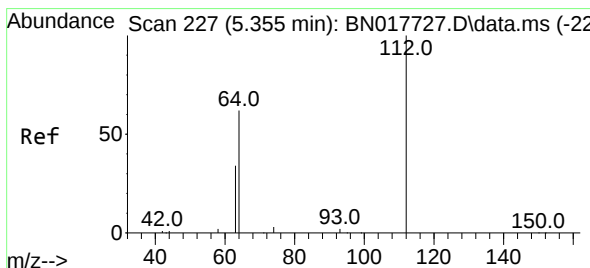
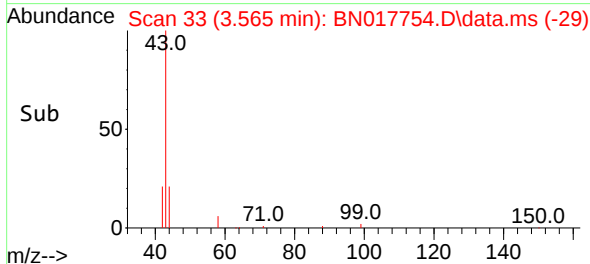
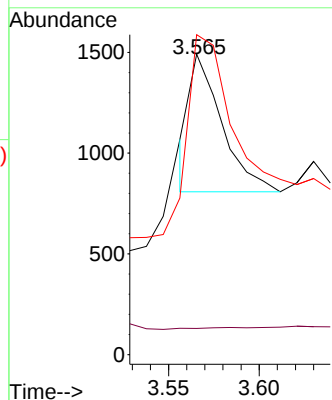
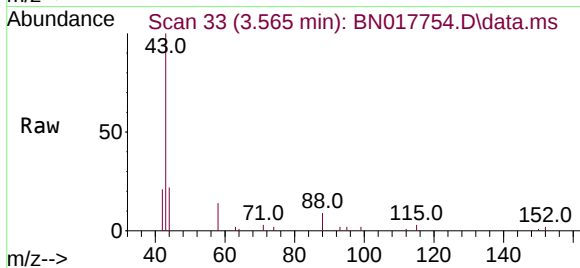




#3
 n-Nitrosodimethylamine
 Concen: 0.038 ng
 RT: 3.565 min Scan# 31
 Delta R.T. -0.065 min
 Lab File: BN017754.D
 Acq: 07 Dec 2021 06:45

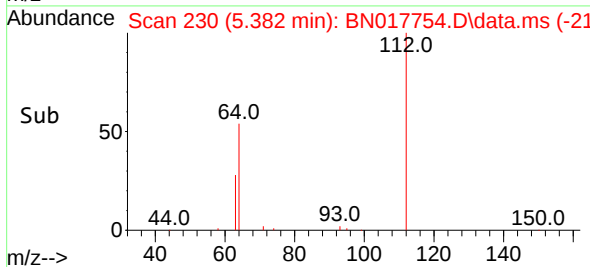
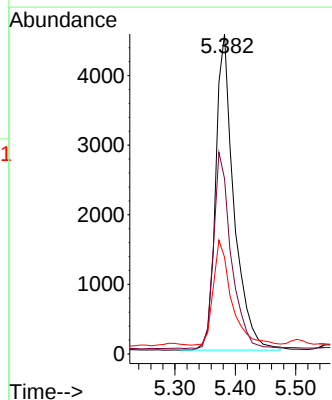
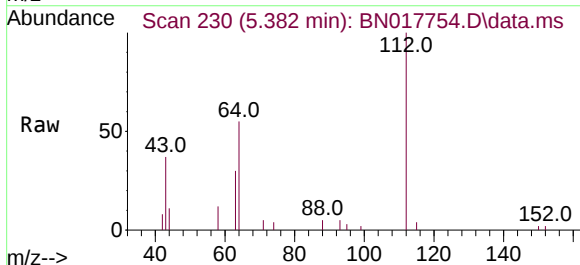
Instrument :
 BNA_N
 ClientSampleId :
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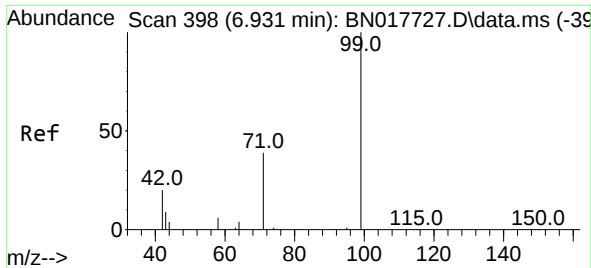
Tgt Ion: 42 Resp: 844
 Ion Ratio Lower Upper
 42 100
 74 0.0 97.8 146.6#
 44 300.2 5.5 8.3#



#4
 2-Fluorophenol
 Concen: 0.189 ng
 RT: 5.382 min Scan# 230
 Delta R.T. 0.027 min
 Lab File: BN017754.D
 Acq: 07 Dec 2021 06:45

Tgt Ion: 112 Resp: 9543
 Ion Ratio Lower Upper
 112 100
 64 59.5 47.6 71.4
 63 33.0 24.6 37.0

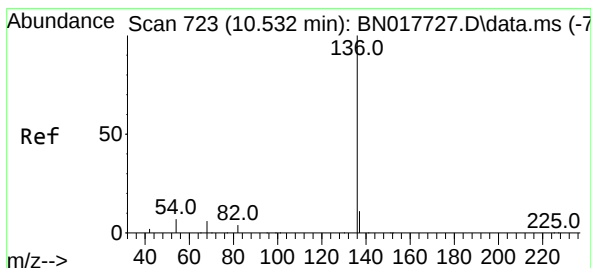
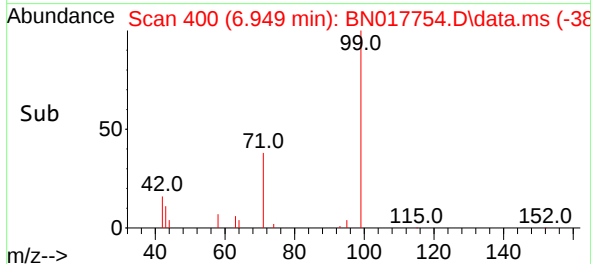
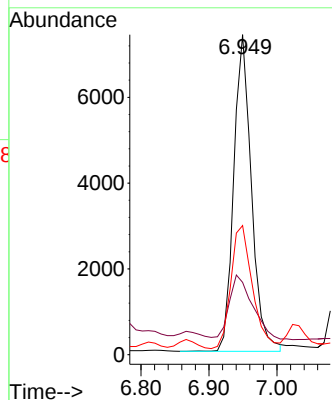
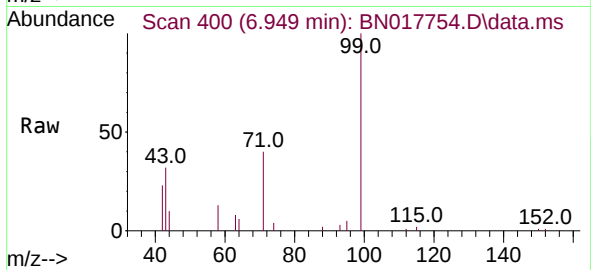




#5
Phenol-d6
Concen: 0.249 ng
RT: 6.949 min Scan# 40
Delta R.T. 0.018 min
Lab File: BN017754.D
Acq: 07 Dec 2021 06:45

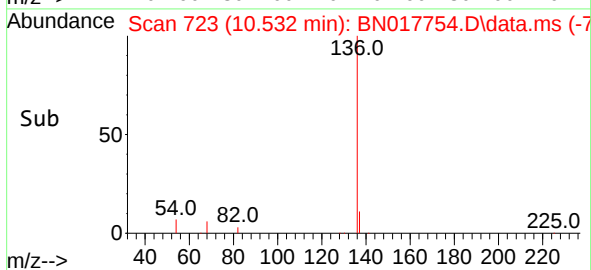
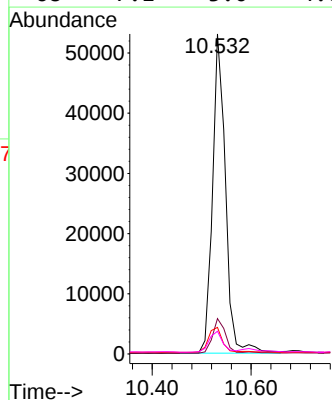
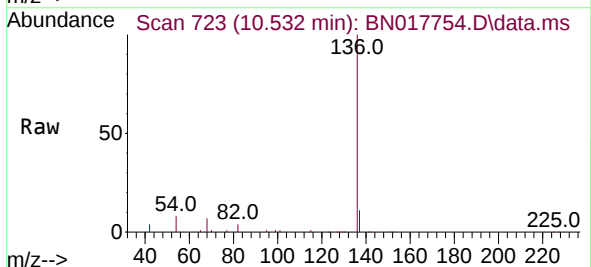
Instrument :
BNA_N
ClientSampleId :
MW-42

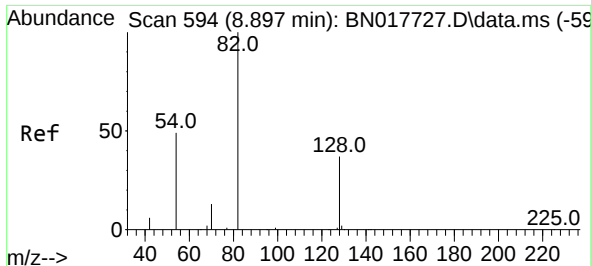
Tgt Ion: 99 Resp: 13425
Ion Ratio Lower Upper
99 100
42 26.1 17.0 25.6#
71 47.3 24.8 37.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.532 min Scan# 723
Delta R.T. -0.000 min
Lab File: BN017754.D
Acq: 07 Dec 2021 06:45

Tgt Ion: 136 Resp: 96866
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.3 4.0 6.0#
68 7.1 3.0 4.6#

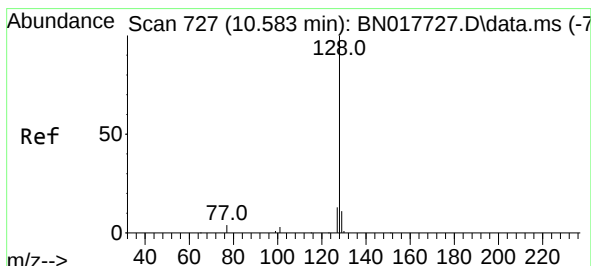
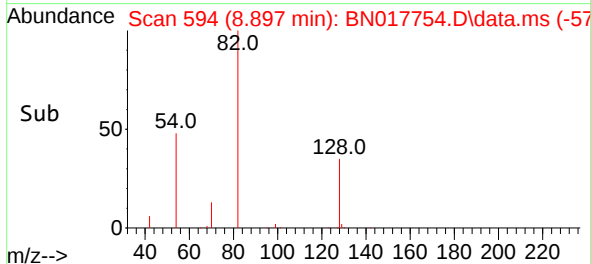
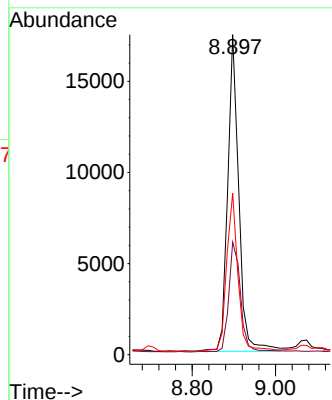
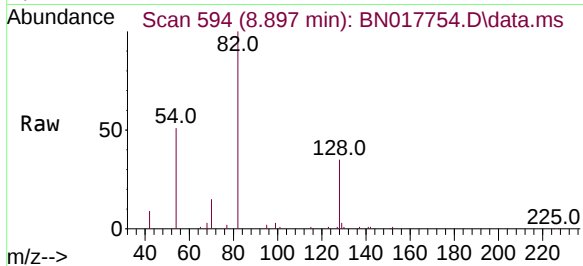




#8
Nitrobenzene-d5
Concen: 0.492 ng
RT: 8.897 min Scan# 594
Delta R.T. -0.000 min
Lab File: BN017754.D
Acq: 07 Dec 2021 06:45

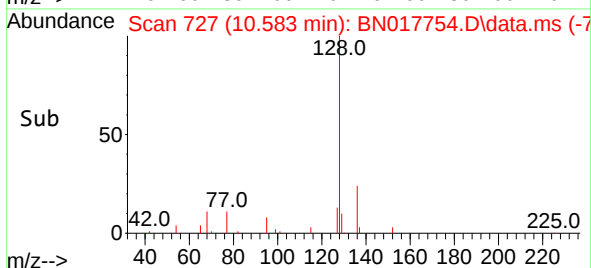
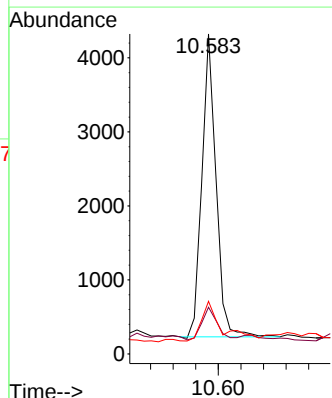
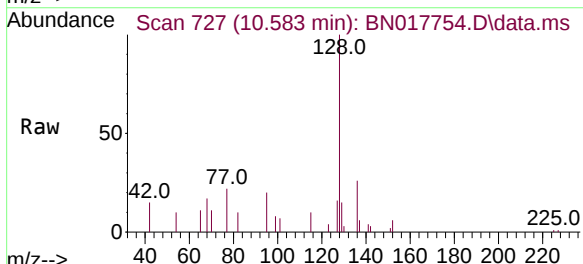
Instrument :
BNA_N
ClientSampleId :
MW-42

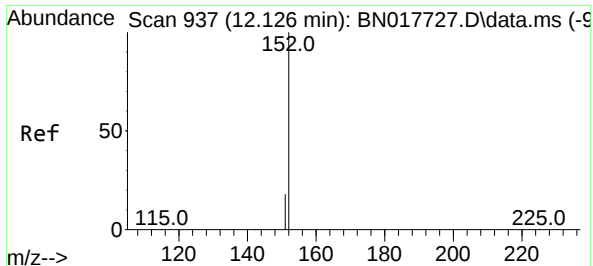
Tgt Ion: 82 Resp: 32183
Ion Ratio Lower Upper
82 100
128 35.2 27.7 41.5
54 50.5 49.2 73.8



#9
Naphthalene
Concen: 0.030 ng
RT: 10.583 min Scan# 727
Delta R.T. -0.000 min
Lab File: BN017754.D
Acq: 07 Dec 2021 06:45

Tgt Ion: 128 Resp: 7109
Ion Ratio Lower Upper
128 100
129 14.6 8.8 13.2#
127 16.4 10.6 15.8#





#11

2-Methylnaphthalene-d10

Concen: 0.279 ng

RT: 12.125 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN017754.D

Acq: 07 Dec 2021 06:45

Instrument :

BNA_N

ClientSampleId :

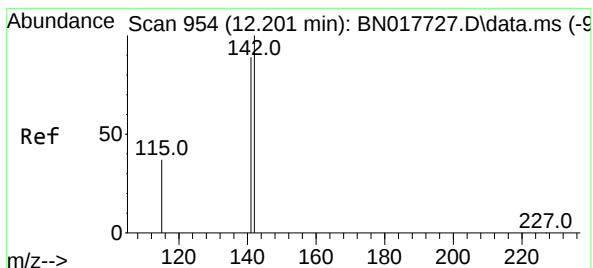
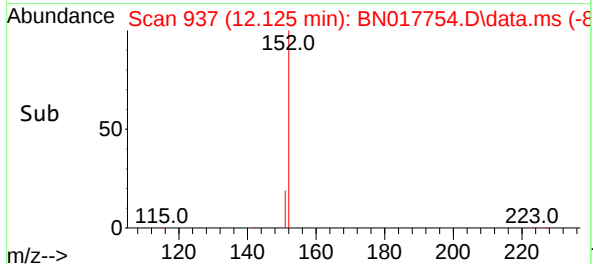
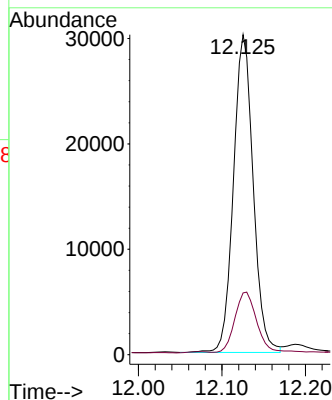
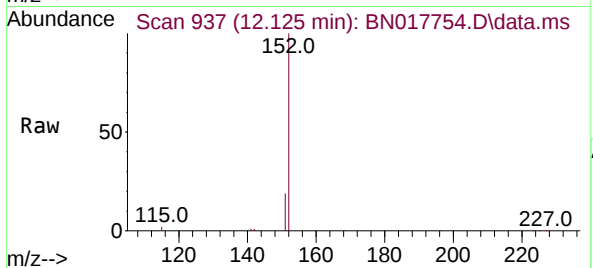
MW-42

Tgt Ion:152 Resp: 49526

Ion Ratio Lower Upper

152 100

151 21.4 16.2 24.4



#12

2-Methylnaphthalene

Concen: 0.030 ng

RT: 12.196 min Scan# 953

Delta R.T. -0.005 min

Lab File: BN017754.D

Acq: 07 Dec 2021 06:45

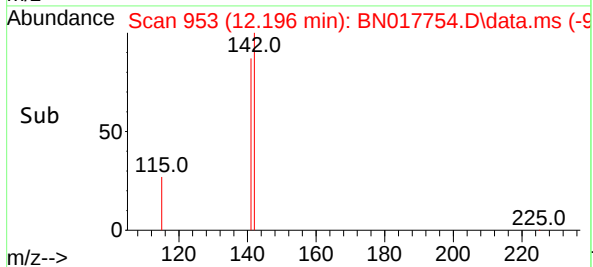
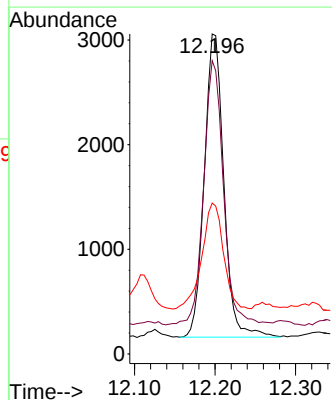
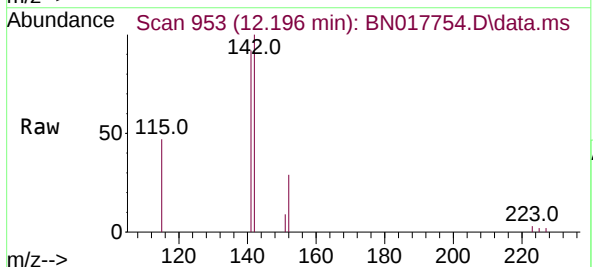
Tgt Ion:142 Resp: 4875

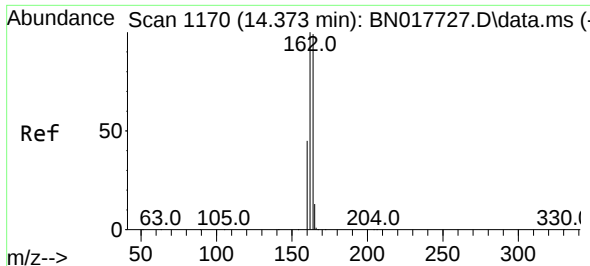
Ion Ratio Lower Upper

142 100

141 91.6 70.6 106.0

115 47.2 25.8 38.6#

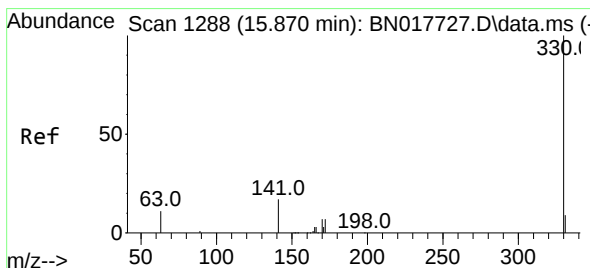
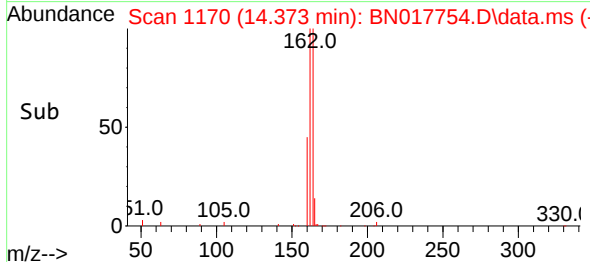
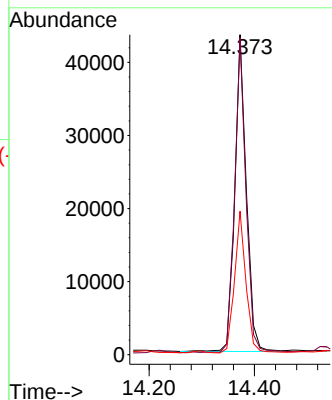
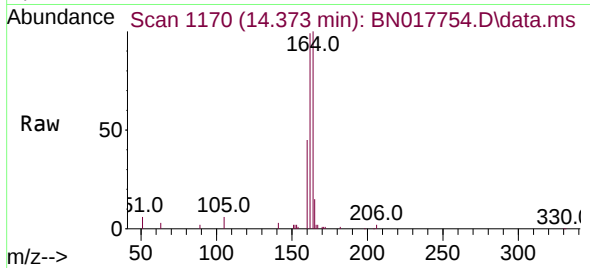




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.373 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BN017754.D
Acq: 07 Dec 2021 06:45

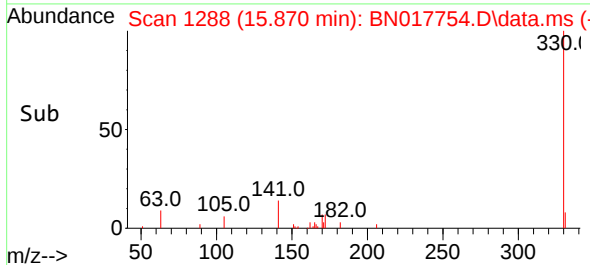
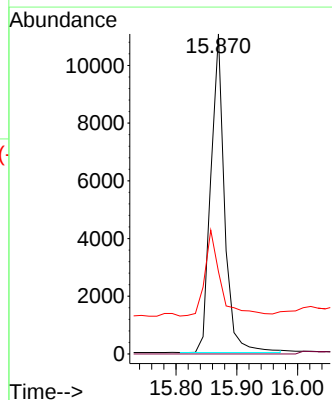
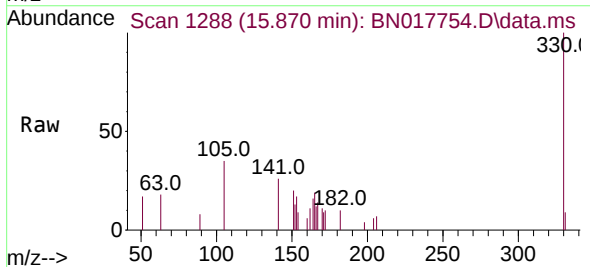
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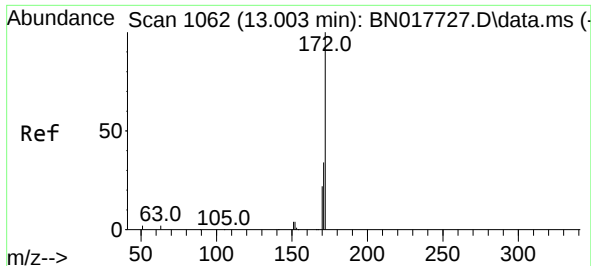
Tgt Ion:164 Resp: 65553
Ion Ratio Lower Upper
164 100
162 99.2 81.4 122.2
160 44.8 36.8 55.2



#14
2,4,6-Tribromophenol
Concen: 0.560 ng
RT: 15.870 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BN017754.D
Acq: 07 Dec 2021 06:45

Tgt Ion:330 Resp: 17390
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.3 28.9 43.3

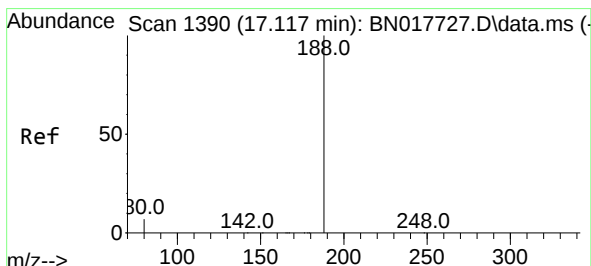
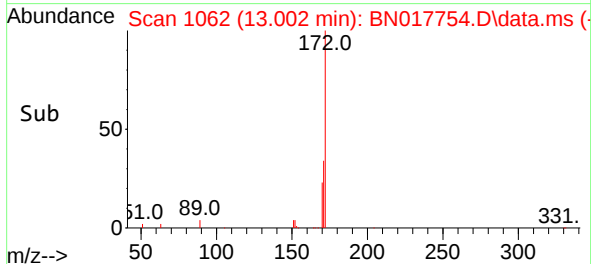
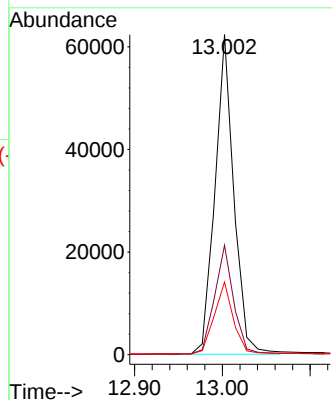
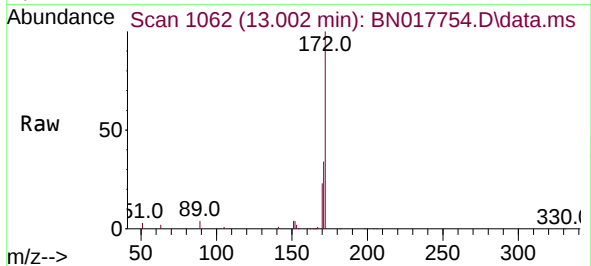




#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 13.002 min Scan# 1062
Delta R.T. -0.000 min
Lab File: BN017754.D
Acq: 07 Dec 2021 06:45

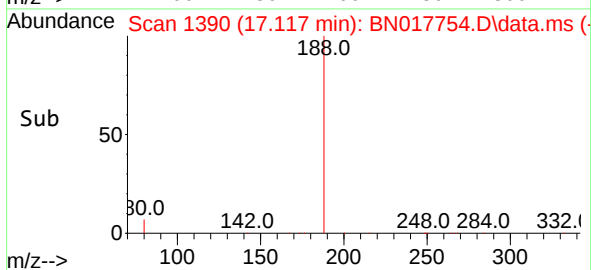
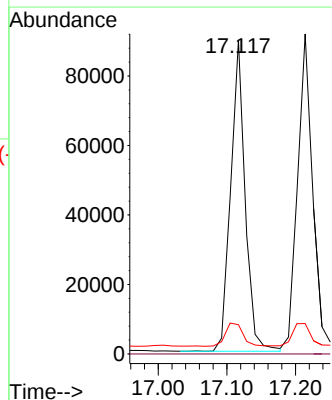
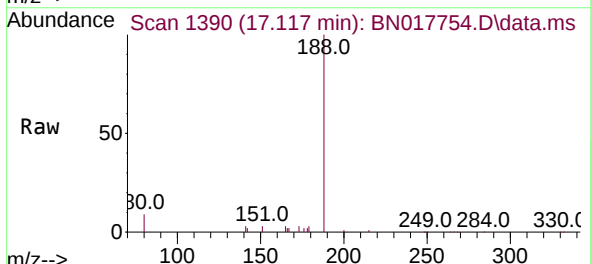
Instrument :
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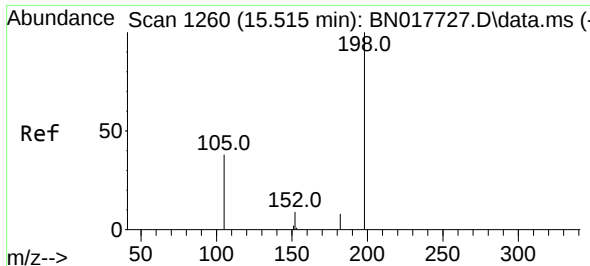
Tgt Ion:172 Resp: 93004
Ion Ratio Lower Upper
172 100
171 34.2 28.7 43.1
170 22.7 19.4 29.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.117 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BN017754.D
Acq: 07 Dec 2021 06:45

Tgt Ion:188 Resp: 131158
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 6.1 9.1#

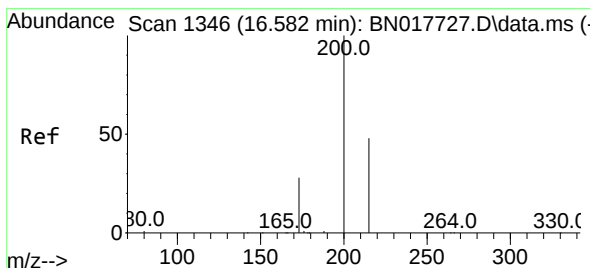
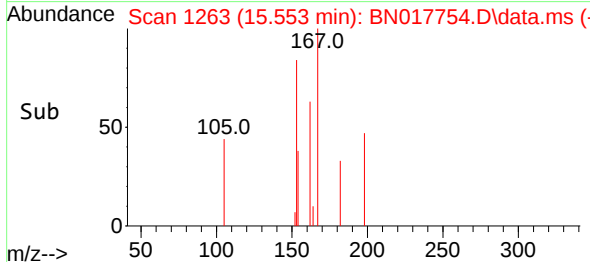
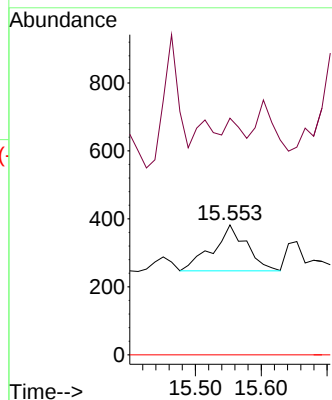
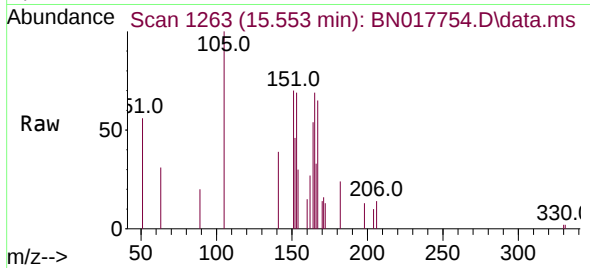




#20
4,6-Dinitro-2-methylphenol
Concen: 0.323 ng
RT: 15.553 min Scan# 11
Delta R.T. 0.038 min
Lab File: BN017754.D
Acq: 07 Dec 2021 06:45

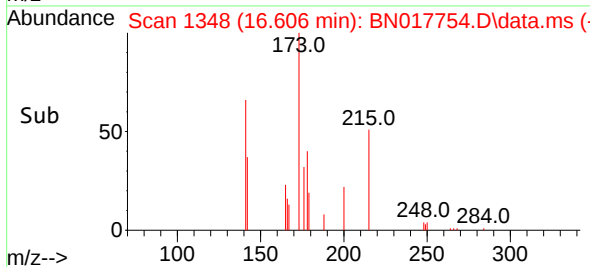
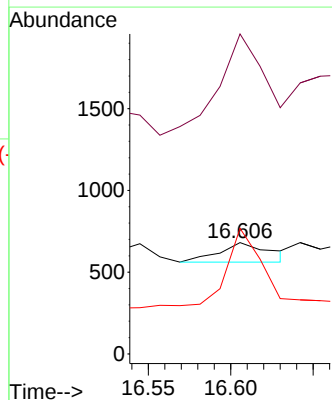
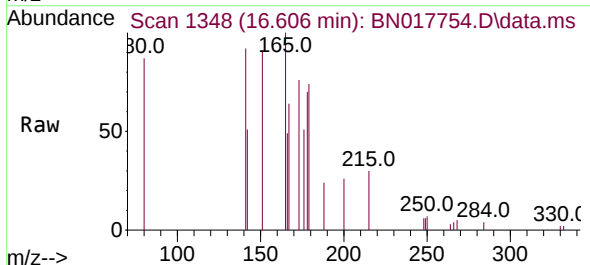
Instrument :
BNA_N
ClientSampleId :
MW-42

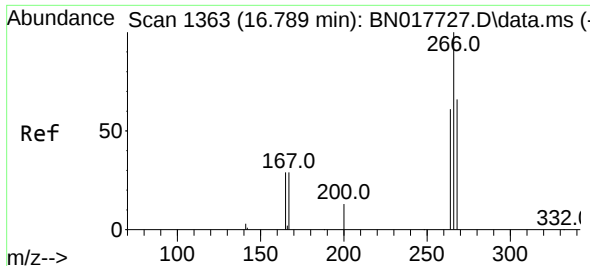
Tgt Ion:198 Resp: 481
Ion Ratio Lower Upper
198 100
182 182.2 11.4 17.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.102 ng
RT: 16.606 min Scan# 1348
Delta R.T. 0.024 min
Lab File: BN017754.D
Acq: 07 Dec 2021 06:45

Tgt Ion:200 Resp: 259
Ion Ratio Lower Upper
200 100
173 287.4 17.6 26.4#
215 112.8 40.2 60.4#

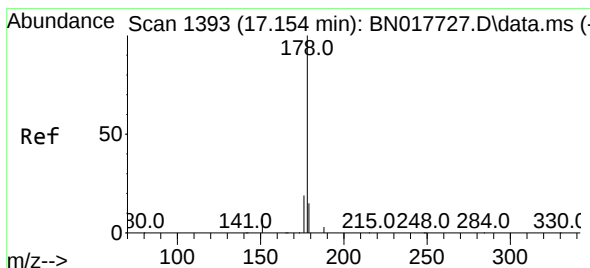
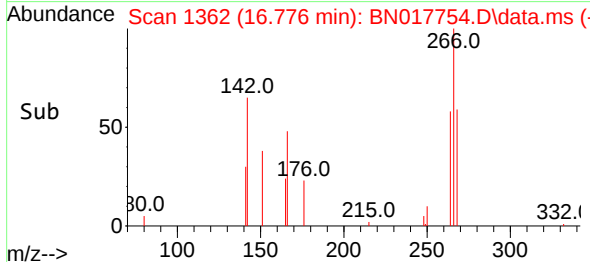
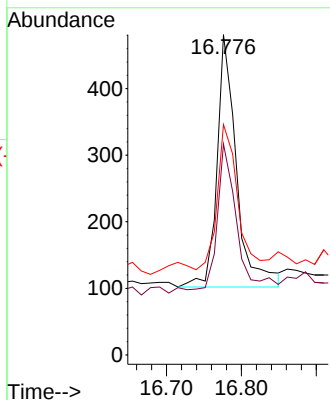
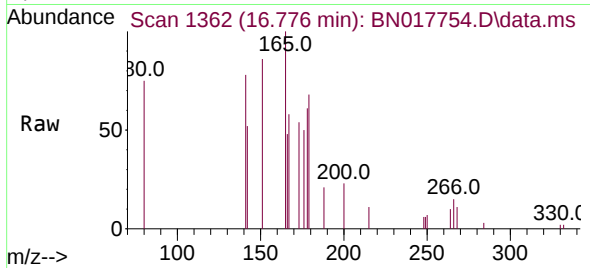




#24
 Pentachlorophenol
 Concen: 0.195 ng
 RT: 16.776 min Scan# 1362
 Delta R.T. -0.013 min
 Lab File: BN017754.D
 Acq: 07 Dec 2021 06:45

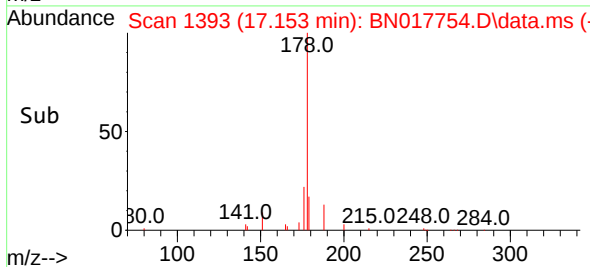
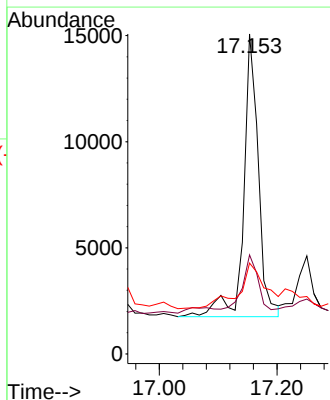
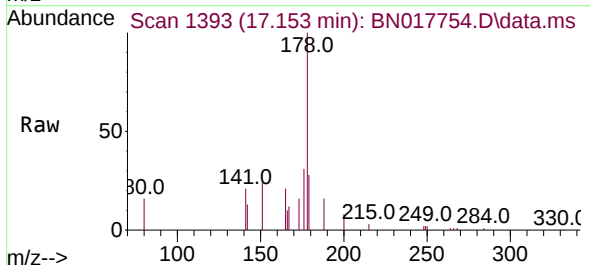
Instrument :
 BNA_N
 ClientSampleId :
 MW-42

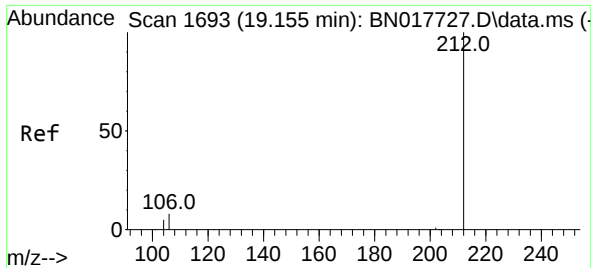
Tgt Ion:	266	Resp:	687
Ion Ratio	Lower	Upper	
266	100		
264	53.0	49.8	74.8
268	58.8	51.3	76.9



#25
 Phenanthrene
 Concen: 0.067 ng
 RT: 17.153 min Scan# 1393
 Delta R.T. -0.000 min
 Lab File: BN017754.D
 Acq: 07 Dec 2021 06:45

Tgt Ion:	178	Resp:	23121
Ion Ratio	Lower	Upper	
178	100		
176	21.7	15.0	22.6
179	28.3	12.3	18.5

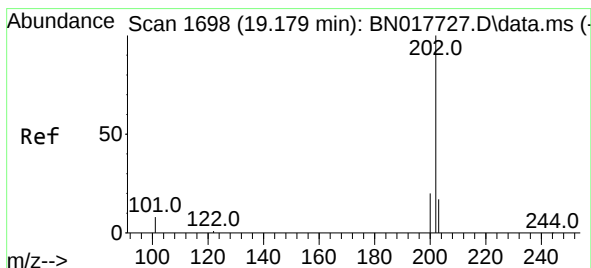
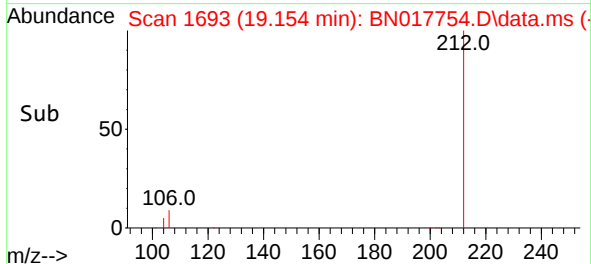
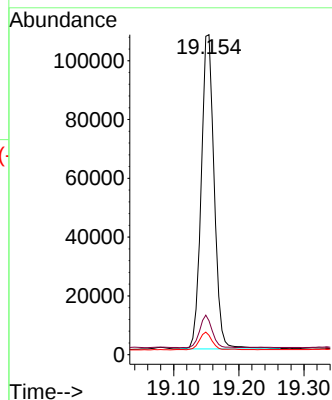
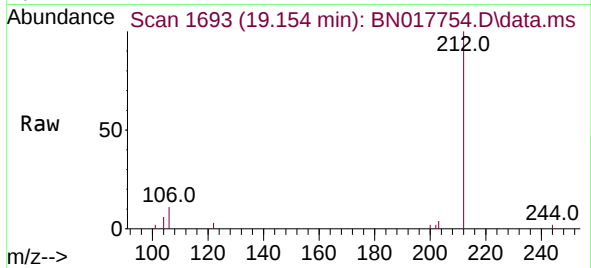




#27
Fluoranthene-d10
Concen: 0.336 ng
RT: 19.154 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BN017754.D
Acq: 07 Dec 2021 06:45

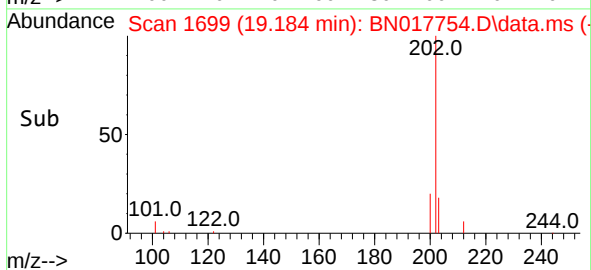
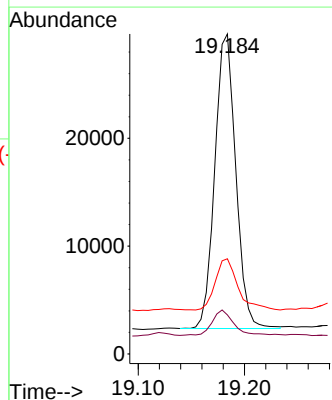
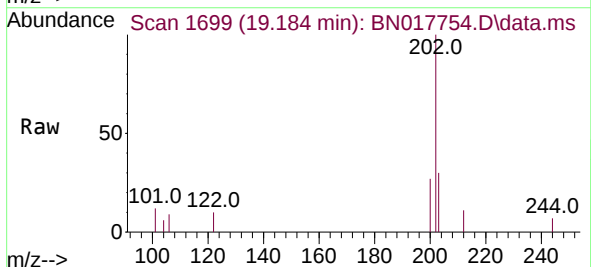
Instrument :
BNA_N
ClientSampleId :
MW-42

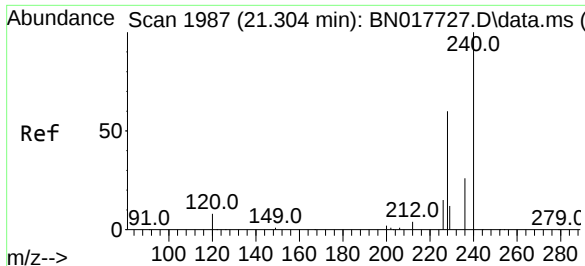
Tgt Ion:212 Resp: 148192
Ion Ratio Lower Upper
212 100
106 9.7 10.5 15.7#
104 5.4 5.8 8.6#



#28
Fluoranthene
Concen: 0.090 ng
RT: 19.184 min Scan# 1699
Delta R.T. 0.005 min
Lab File: BN017754.D
Acq: 07 Dec 2021 06:45

Tgt Ion:202 Resp: 37455
Ion Ratio Lower Upper
202 100
101 9.0 8.9 13.3
203 18.7 13.8 20.6

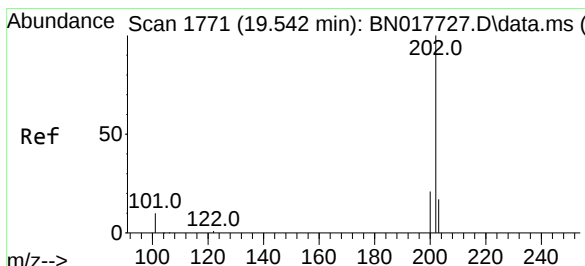
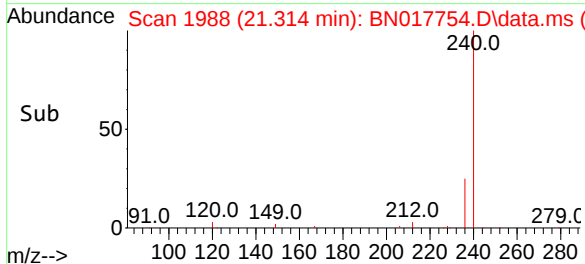
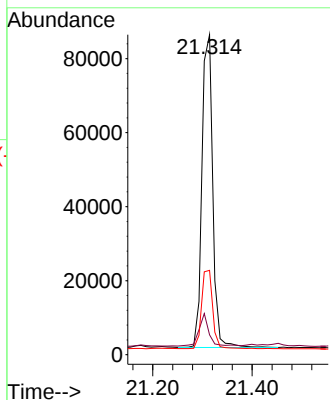
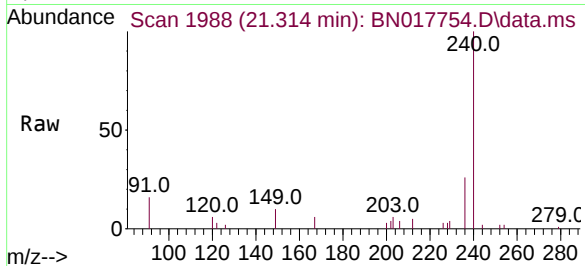




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.314 min Scan# 1988
Delta R.T. 0.010 min
Lab File: BN017754.D
Acq: 07 Dec 2021 06:45

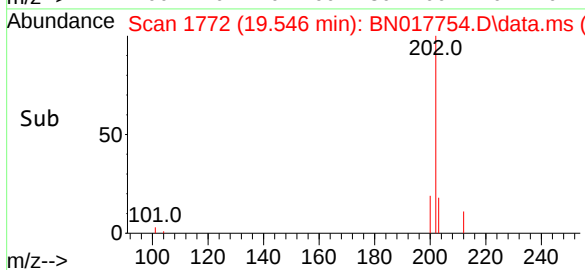
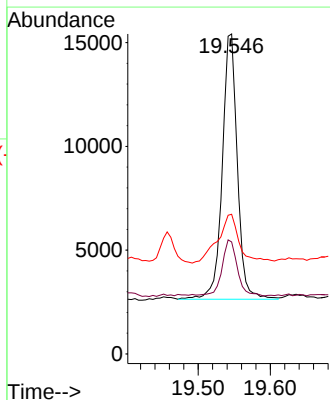
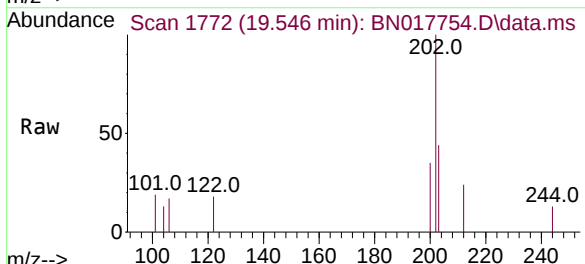
Instrument :
BNA_N
ClientSampleId :
MW-42

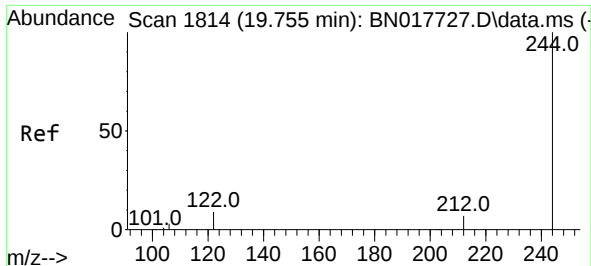
Tgt Ion:240 Resp: 127047
Ion Ratio Lower Upper
240 100
120 6.2 4.2 6.2
236 26.4 20.0 30.0



#30
Pyrene
Concen: 0.039 ng
RT: 19.546 min Scan# 1772
Delta R.T. 0.005 min
Lab File: BN017754.D
Acq: 07 Dec 2021 06:45

Tgt Ion:202 Resp: 18567
Ion Ratio Lower Upper
202 100
200 21.4 16.5 24.7
203 26.7 14.0 21.0#

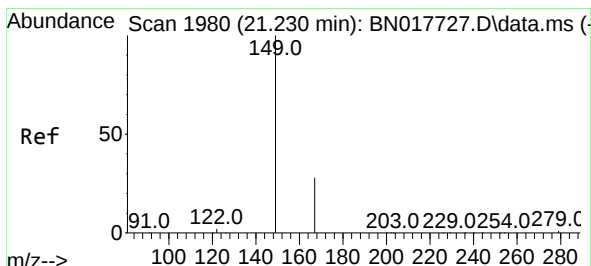
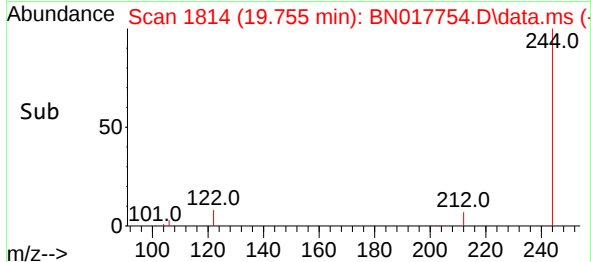
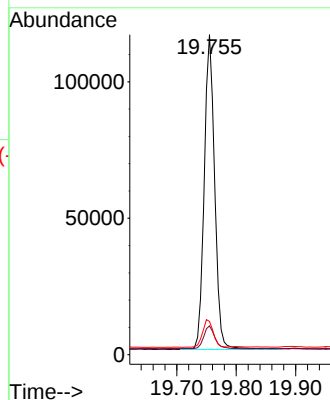
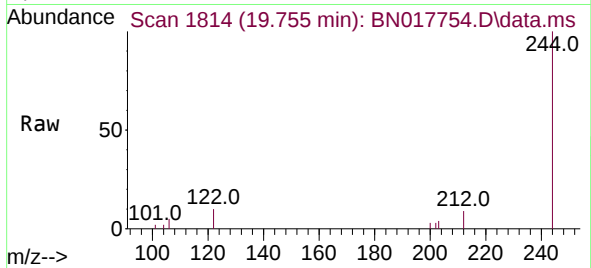




#31
 Terphenyl-d14
 Concen: 0.432 ng
 RT: 19.755 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BN017754.D
 Acq: 07 Dec 2021 06:45

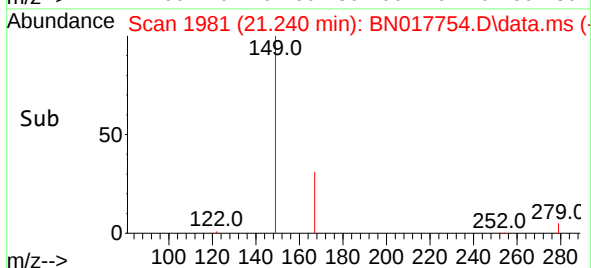
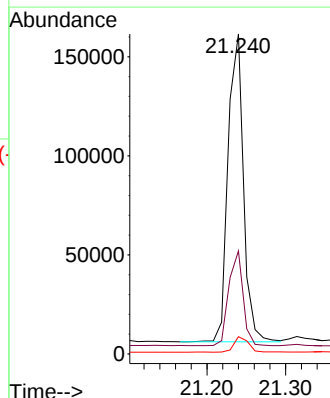
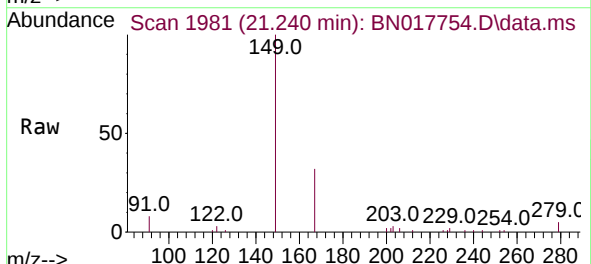
Instrument :
 BNA_N
 ClientSampleId :
 MW-42

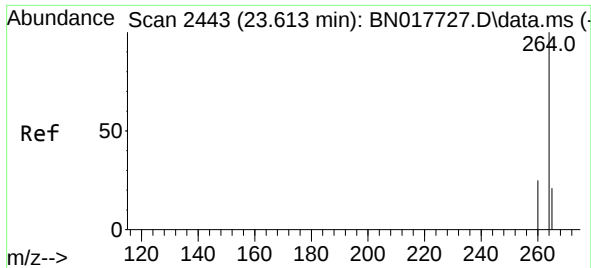
Tgt Ion:244 Resp: 140925
 Ion Ratio Lower Upper
 244 100
 212 9.0 5.7 8.5#
 122 10.4 8.6 13.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.055 ng
 RT: 21.240 min Scan# 1981
 Delta R.T. 0.010 min
 Lab File: BN017754.D
 Acq: 07 Dec 2021 06:45

Tgt Ion:149 Resp: 211383
 Ion Ratio Lower Upper
 149 100
 167 28.5 21.8 32.6
 279 4.9 3.4 5.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.616 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: BN017754.D
 Acq: 07 Dec 2021 06:45

Instrument :
 BNA_N
 ClientSampleId :
 MW-42

Tgt Ion:264 Resp: 120532
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.4 29.2
 265 27.4 18.6 28.0

