

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
 Data File : BN017721.D
 Acq On : 04 Dec 2021 10:41
 Operator : CG/JU
 Sample : M4917-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-35

Quant Time: Dec 06 02:14:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 23:07:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

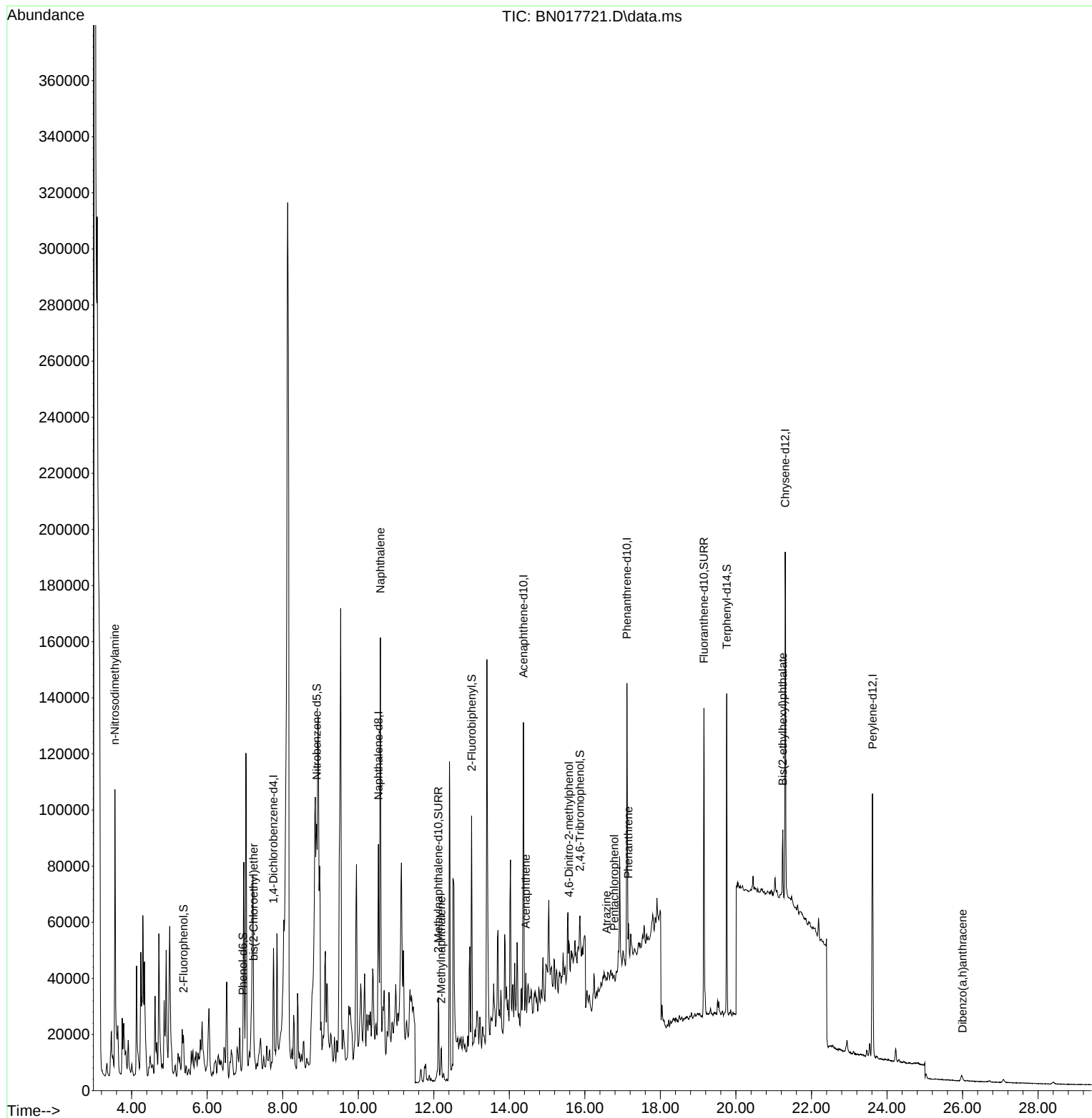
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	20918	0.400	ng	0.00
7) Naphthalene-d8	10.535	136	87770	0.400	ng	# 0.00
13) Acenaphthene-d10	14.372	164	60944	0.400	ng	0.00
19) Phenanthrene-d10	17.116	188	125160	0.400	ng	# 0.00
29) Chrysene-d12	21.303	240	131650	0.400	ng	# 0.00
35) Perylene-d12	23.616	264	128014	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.376	112	8258	0.168	ng	0.02
5) Phenol-d6	6.943	99	4372	0.087	ng	0.02
8) Nitrobenzene-d5	8.900	82	86519	2.038	ng	0.00
11) 2-Methylnaphthalene-d10	12.124	152	40610	0.262	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	15041	0.522	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	67004	0.289	ng	0.00
27) Fluoranthene-d10	19.154	212	129700	0.317	ng	0.00
31) Terphenyl-d14	19.754	244	115611	0.396	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.559	42	6923	0.330	ng	# 1
6) bis(2-Chloroethyl)ether	7.229	93	1671	0.031	ng	# 18
9) Naphthalene	10.586	128	178879	0.799	ng	98
12) 2-Methylnaphthalene	12.200	142	8112	0.055	ng	# 61
17) Acenaphthene	14.435	154	8782	0.055	ng	94
20) 4,6-Dinitro-2-methylph...	15.577	198	1788	0.490	ng	# 1
23) Atrazine	16.581	200	1264	0.117	ng	# 1
24) Pentachlorophenol	16.776	266	475	0.294	ng	93
25) Phenanthrene	17.153	178	13762	0.041	ng	# 70
34) Bis(2-ethylhexyl)phtha...	21.240	149	23048	0.184	ng	# 92
40) Dibenzo(a,h)anthracene	25.998	278	882	0.085	ng	# 1

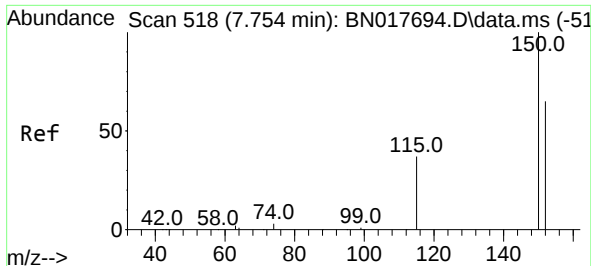
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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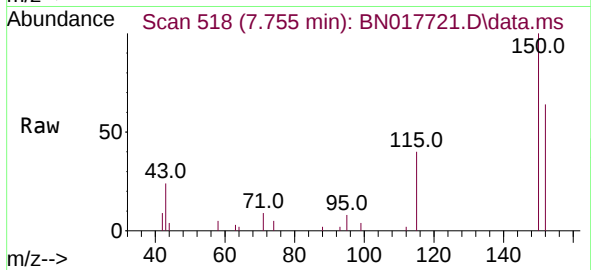
Quant Time: Dec 06 02:14:21 2021
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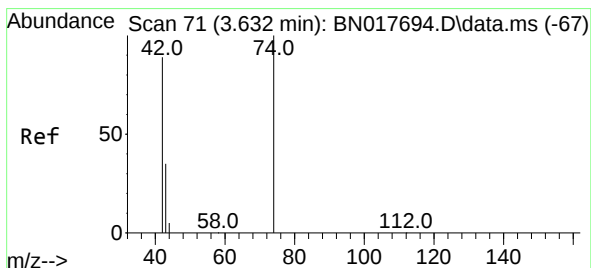
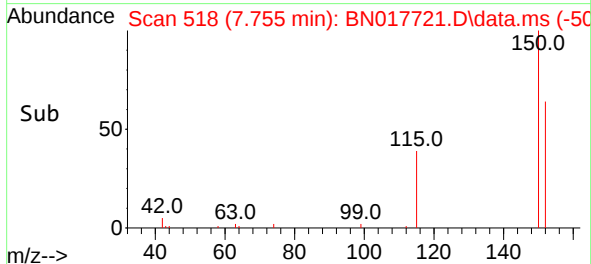
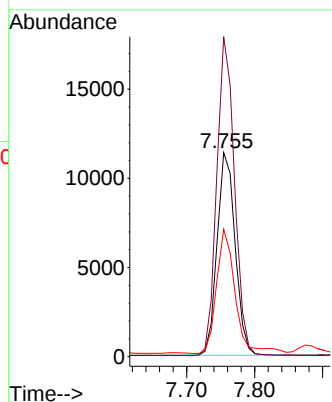


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.755 min Scan# 51
Delta R.T. 0.001 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

Instrument :
BNA_N
ClientSampleId :
MW-35

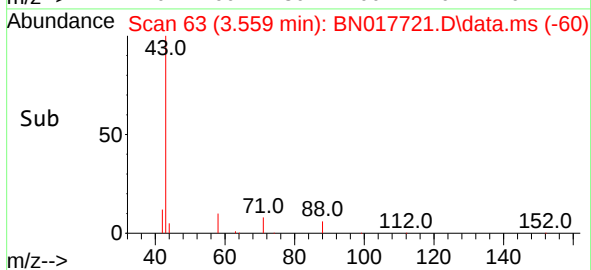
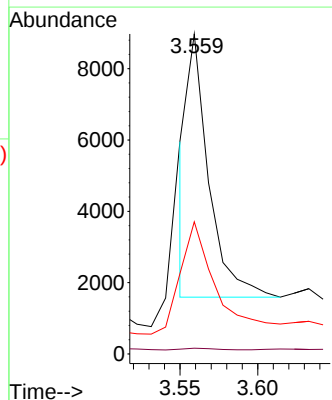
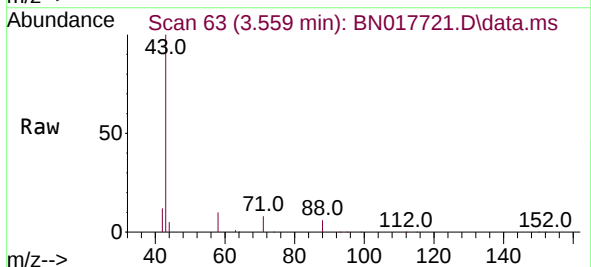


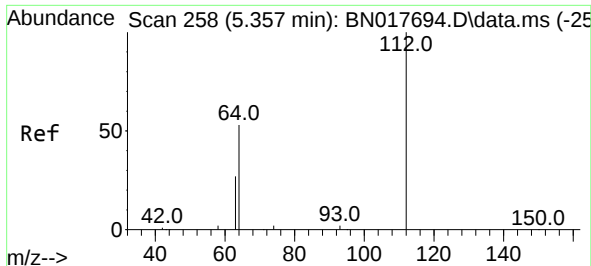
Tgt Ion:152 Resp: 20918
Ion Ratio Lower Upper
152 100
150 156.8 123.0 184.4
115 62.4 45.6 68.4



#3
n-Nitrosodimethylamine
Concen: 0.330 ng
RT: 3.559 min Scan# 63
Delta R.T. -0.073 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

Tgt Ion: 42 Resp: 6923
Ion Ratio Lower Upper
42 100
74 0.7 97.8 146.6#
44 42.8 5.5 8.3#

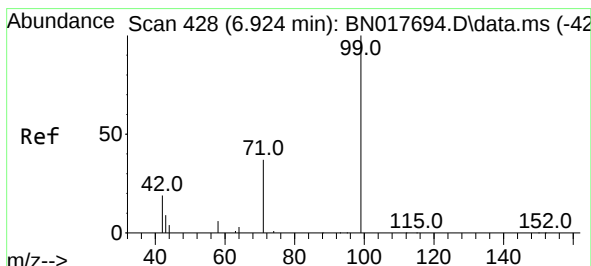
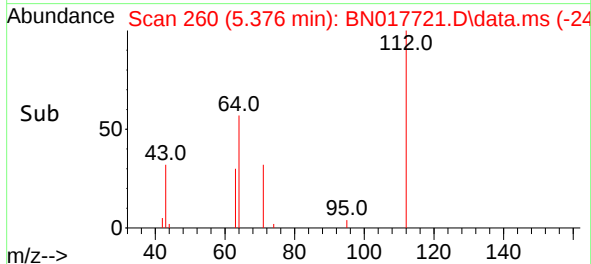
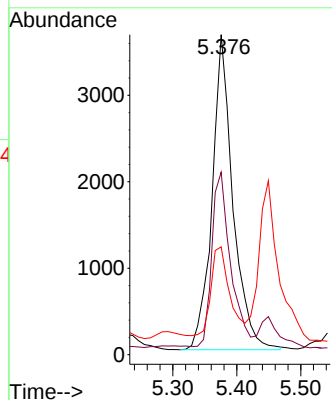
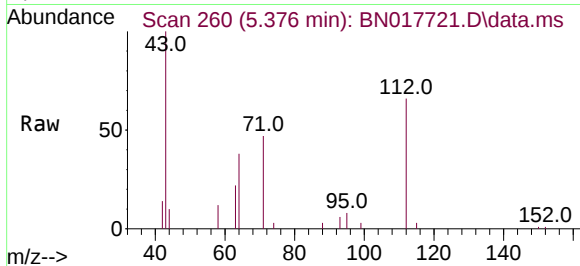




#4
2-Fluorophenol
Concen: 0.168 ng
RT: 5.376 min Scan# 210
Delta R.T. 0.019 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

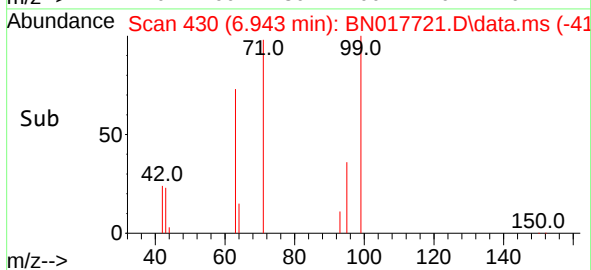
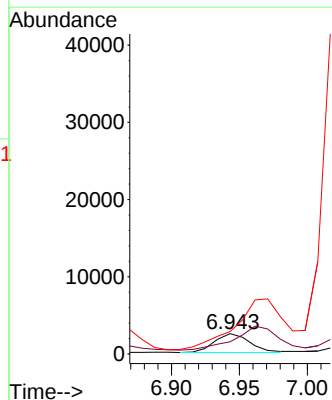
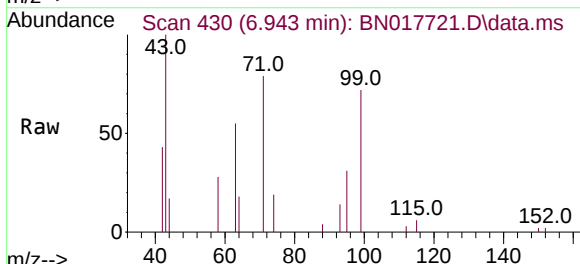
Instrument :
BNA_N
ClientSampleId :
MW-35

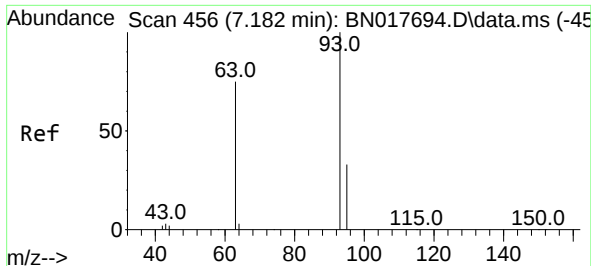
Tgt Ion:112 Resp: 8258
Ion Ratio Lower Upper
112 100
64 49.3 47.6 71.4
63 25.1 24.6 37.0



#5
Phenol-d6
Concen: 0.087 ng
RT: 6.943 min Scan# 430
Delta R.T. 0.019 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

Tgt Ion: 99 Resp: 4372
Ion Ratio Lower Upper
99 100
42 0.0 17.0 25.6#
71 0.0 24.8 37.2#

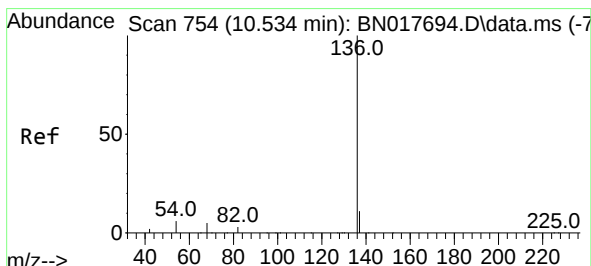
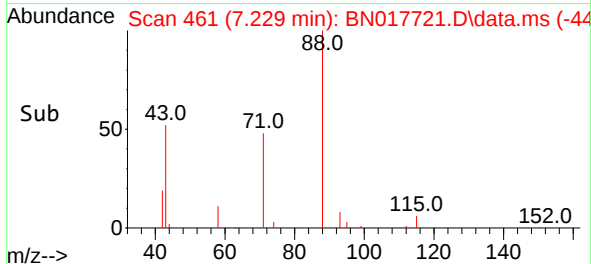
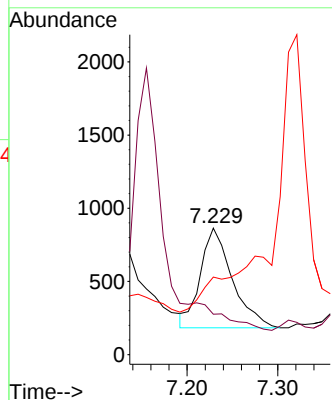
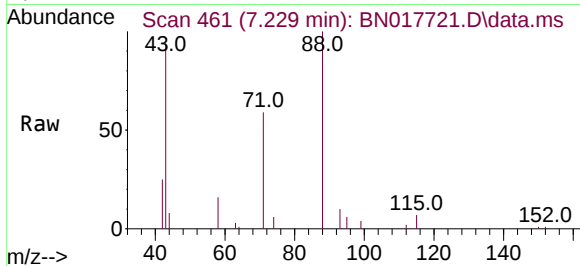




#6
bis(2-Chloroethyl)ether
Concen: 0.031 ng
RT: 7.229 min Scan# 456
Delta R.T. 0.047 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

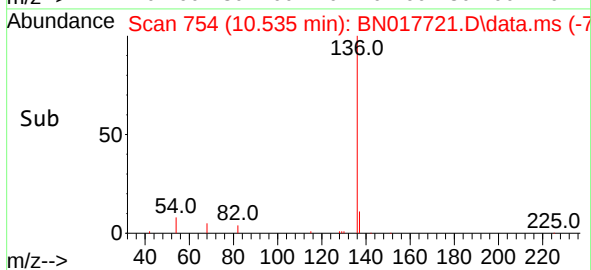
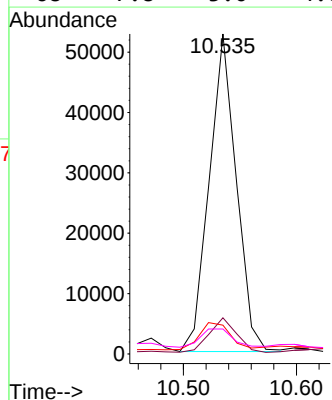
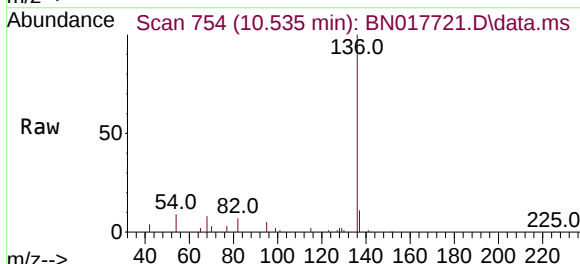
Instrument :
BNA_N
ClientSampleId :
MW-35

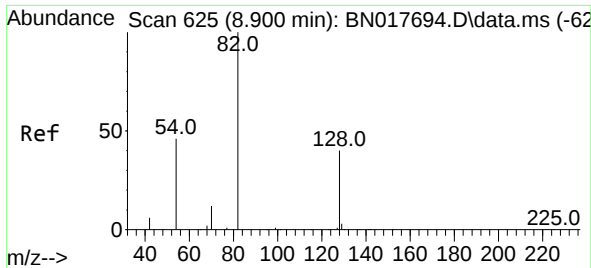
Tgt Ion: 93 Resp: 1671
Ion Ratio Lower Upper
93 100
63 0.0 65.8 98.6#
95 0.0 26.6 39.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.535 min Scan# 754
Delta R.T. 0.000 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

Tgt Ion: 136 Resp: 87770
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 9.0 4.0 6.0#
68 7.8 3.0 4.6#

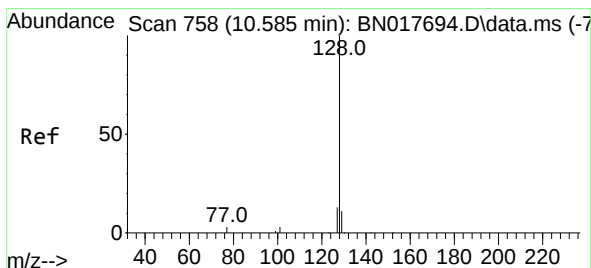
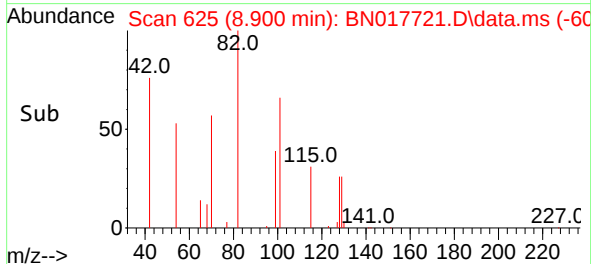
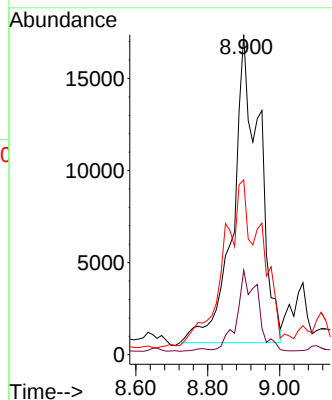
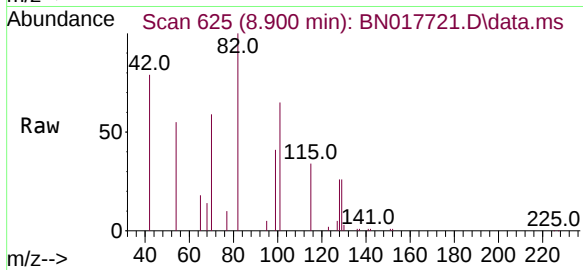




#8
Nitrobenzene-d5
Concen: 2.038 ng
RT: 8.900 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

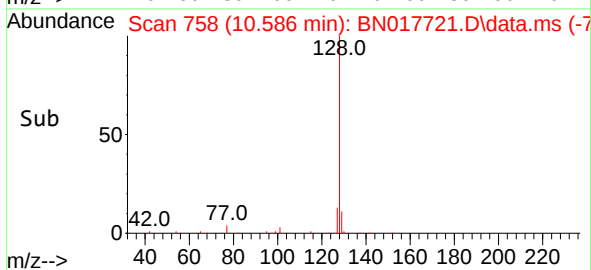
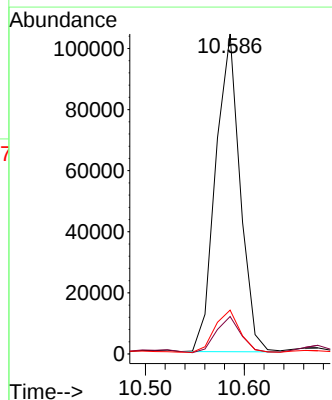
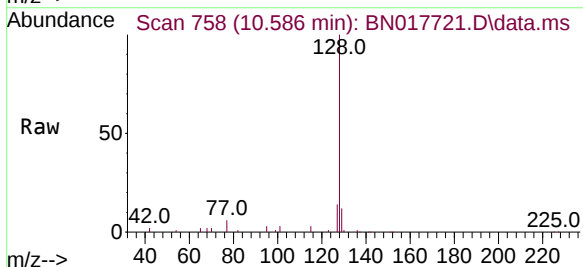
Instrument :
BNA_N
ClientSampleId :
MW-35

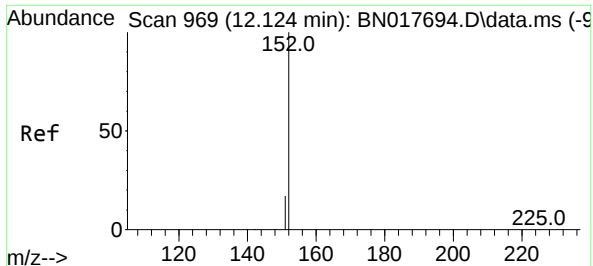
Tgt Ion: 82 Resp: 86519
Ion Ratio Lower Upper
82 100
128 26.4 27.7 41.5#
54 54.7 49.2 73.8



#9
Naphthalene
Concen: 0.799 ng
RT: 10.586 min Scan# 758
Delta R.T. 0.000 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

Tgt Ion: 128 Resp: 178879
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.7 10.6 15.8





#11

2-Methylnaphthalene-d10

Concen: 0.262 ng

RT: 12.124 min Scan# 969

Delta R.T. 0.000 min

Lab File: BN017721.D

Acq: 04 Dec 2021 10:41

Instrument :

BNA_N

ClientSampleId :

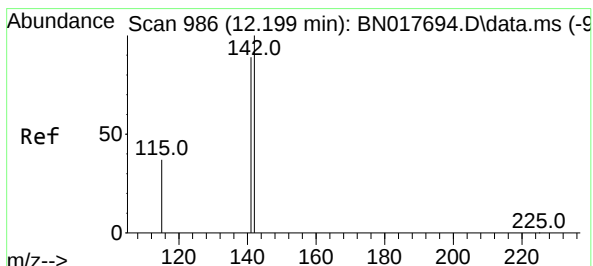
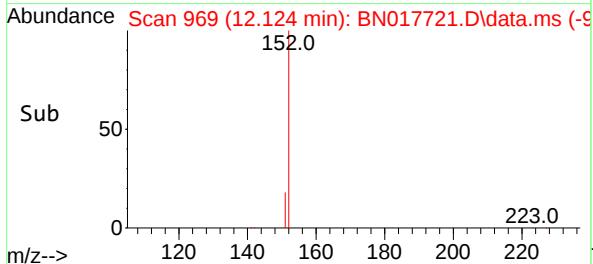
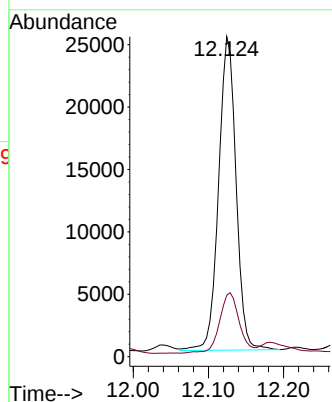
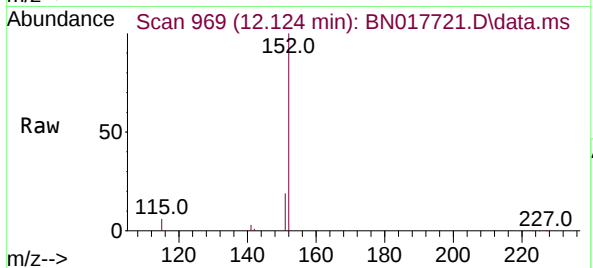
MW-35

Tgt Ion:152 Resp: 40610

Ion Ratio Lower Upper

152 100

151 22.0 16.2 24.4



#12

2-Methylnaphthalene

Concen: 0.055 ng

RT: 12.200 min Scan# 986

Delta R.T. 0.000 min

Lab File: BN017721.D

Acq: 04 Dec 2021 10:41

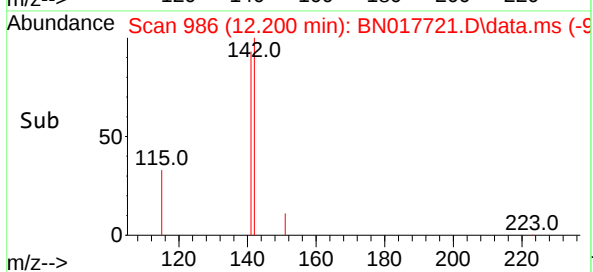
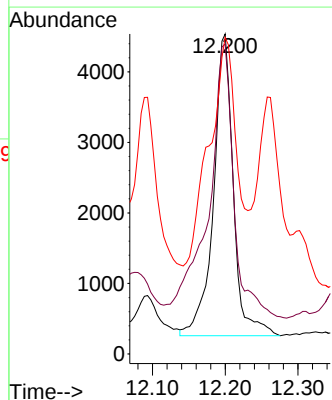
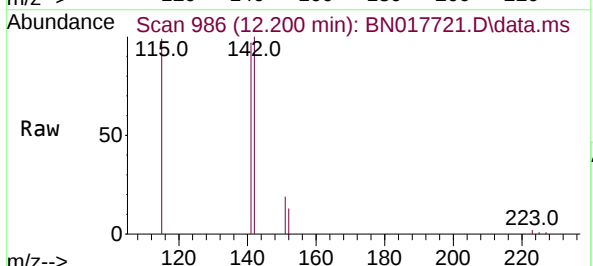
Tgt Ion:142 Resp: 8112

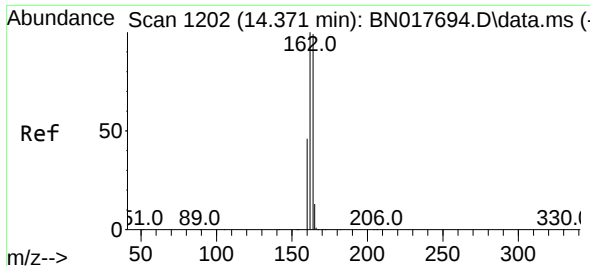
Ion Ratio Lower Upper

142 100

141 96.8 70.6 106.0

115 98.9 25.8 38.6#

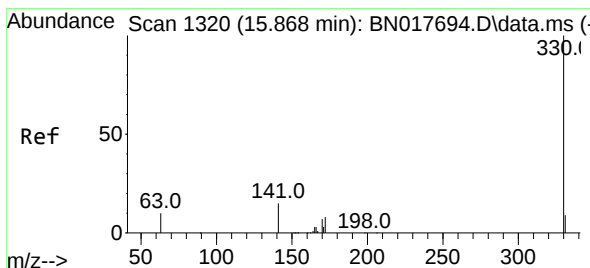
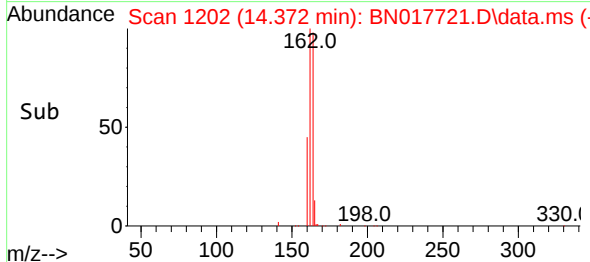
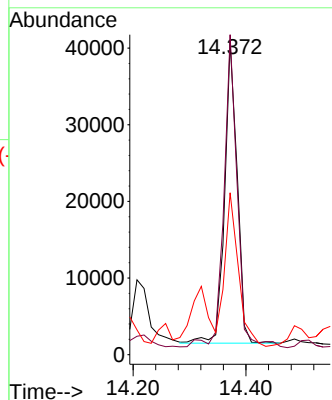
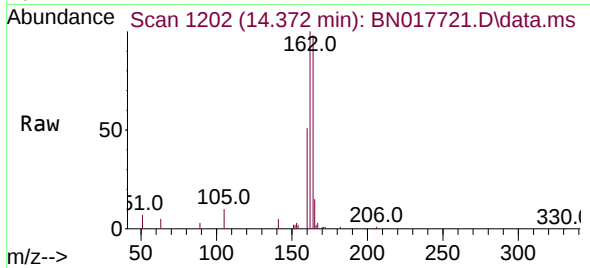




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.372 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN017721.D
 Acq: 04 Dec 2021 10:41

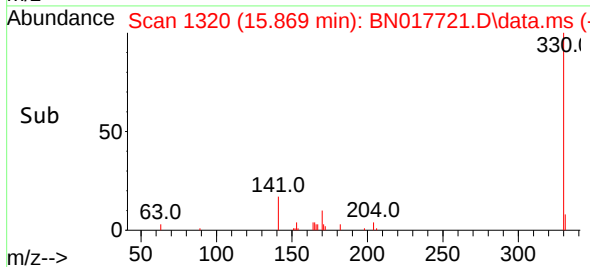
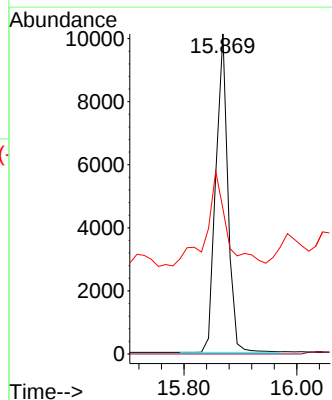
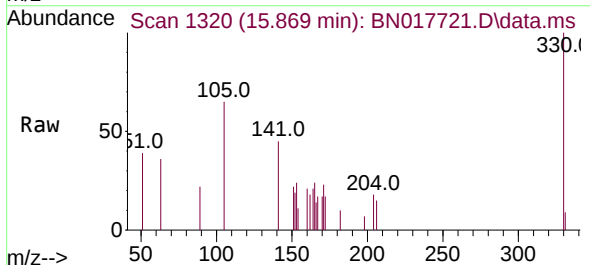
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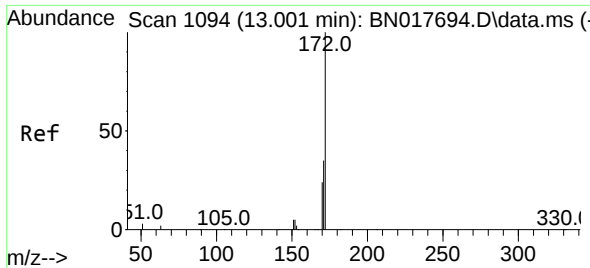
Tgt Ion:164 Resp: 60944
 Ion Ratio Lower Upper
 164 100
 162 102.3 81.4 122.2
 160 51.8 36.8 55.2



#14
 2,4,6-Tribromophenol
 Concen: 0.522 ng
 RT: 15.869 min Scan# 1320
 Delta R.T. 0.001 min
 Lab File: BN017721.D
 Acq: 04 Dec 2021 10:41

Tgt Ion:330 Resp: 15041
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 42.7 28.9 43.3

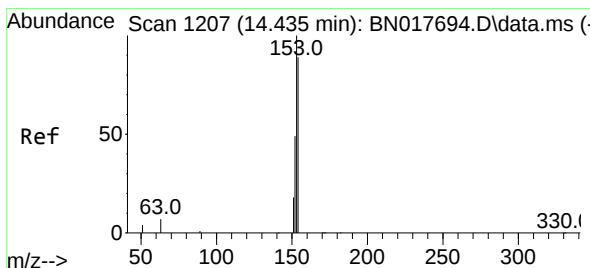
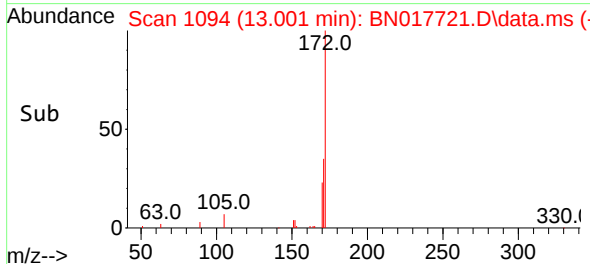
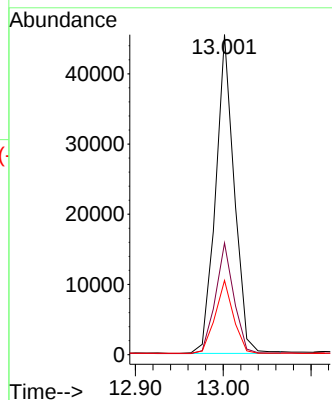
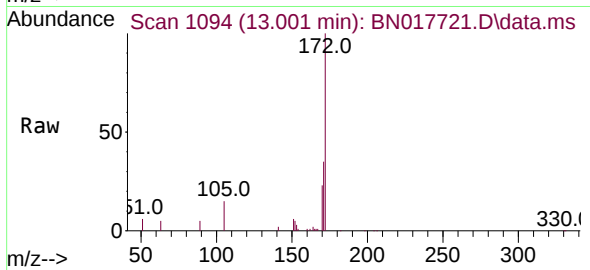




#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 13.001 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

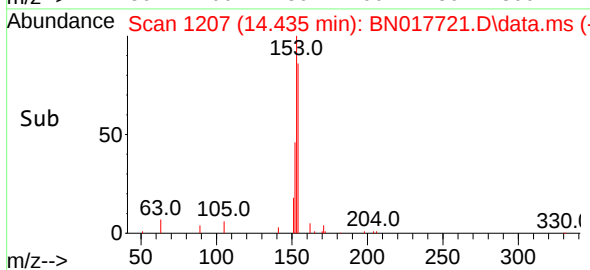
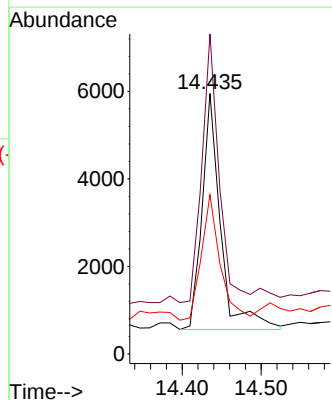
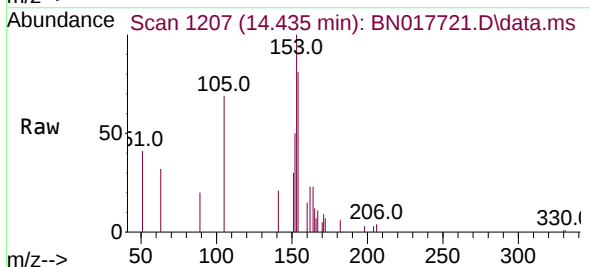
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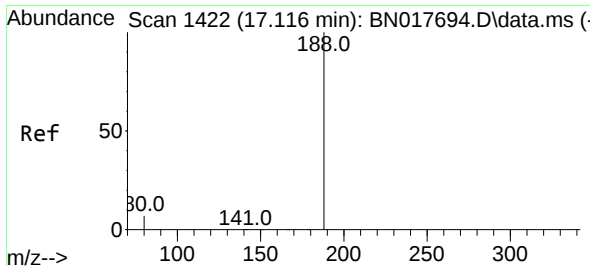
Tgt Ion:172 Resp: 67004
Ion Ratio Lower Upper
172 100
171 34.9 28.7 43.1
170 23.2 19.4 29.2



#17
Acenaphthene
Concen: 0.055 ng
RT: 14.435 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

Tgt Ion:154 Resp: 8782
Ion Ratio Lower Upper
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153 106.3 91.2 136.8
152 53.8 44.3 66.5

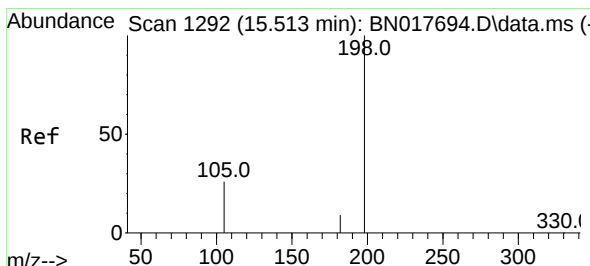
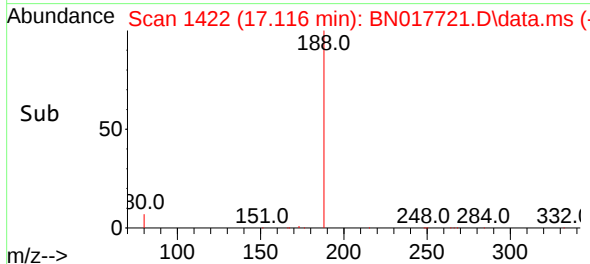
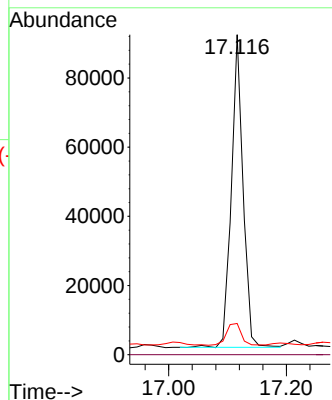
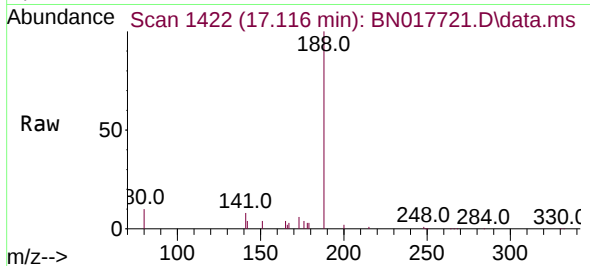




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.116 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

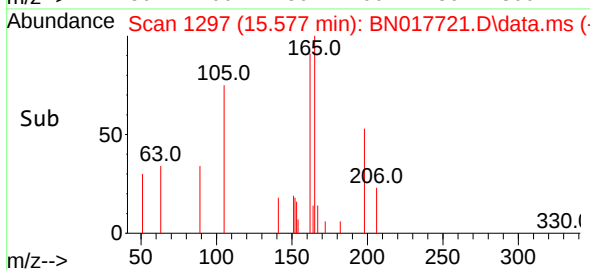
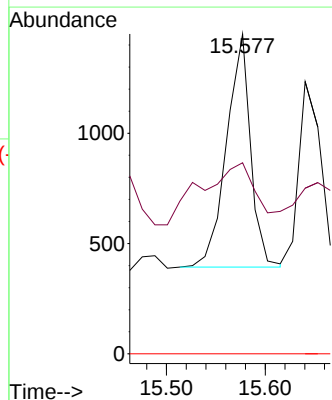
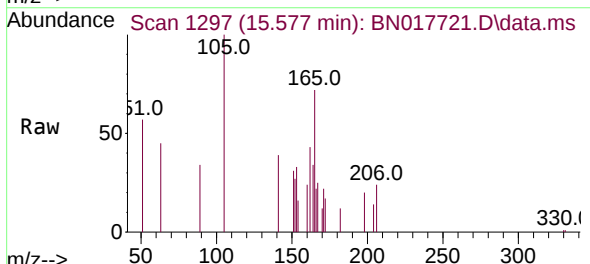
Instrument :
BNA_N
ClientSampleId :
MW-35

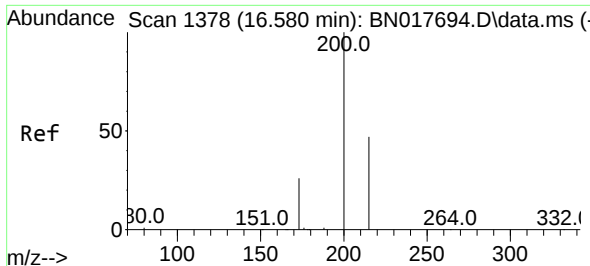
Tgt Ion:188 Resp: 125160
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 6.1 9.1#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.490 ng
RT: 15.577 min Scan# 1297
Delta R.T. 0.064 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

Tgt Ion:198 Resp: 1788
Ion Ratio Lower Upper
198 100
182 59.7 11.4 17.2#
77 0.0 0.0 0.0

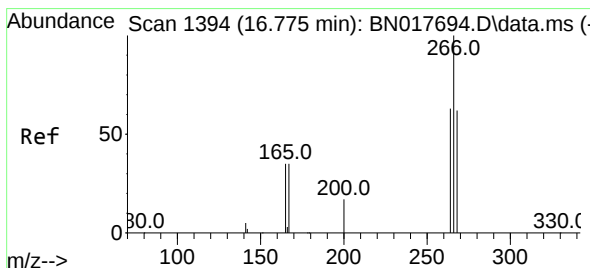
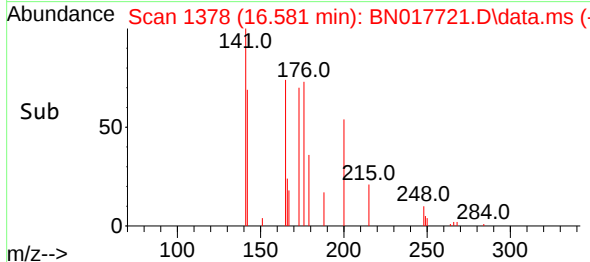
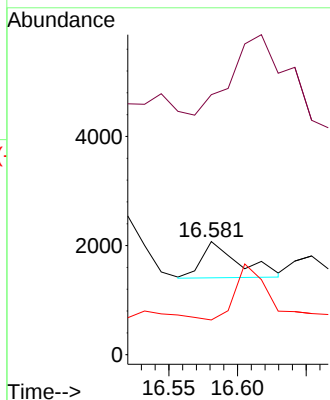
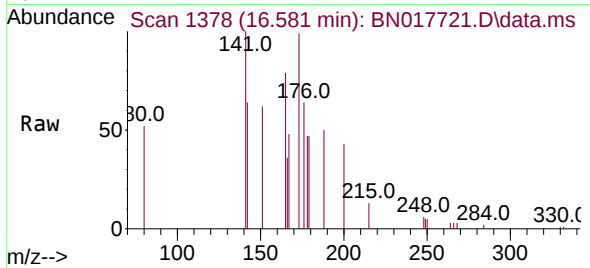




#23
 Atrazine
 Concen: 0.117 ng
 RT: 16.581 min Scan# 1378
 Delta R.T. 0.001 min
 Lab File: BN017721.D
 Acq: 04 Dec 2021 10:41

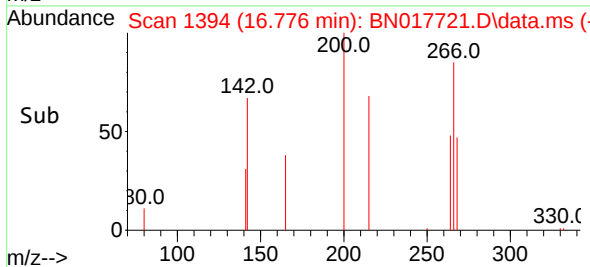
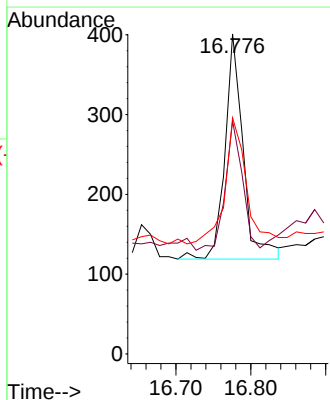
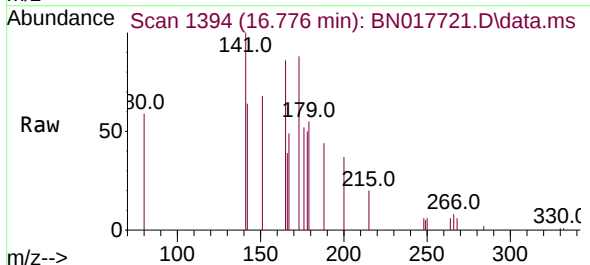
Instrument :
 BNA_N
 ClientSampleId :
 MW-35

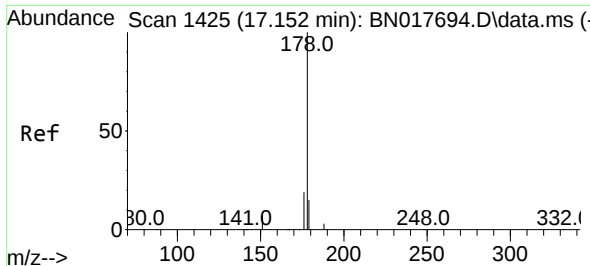
Tgt Ion:200 Resp: 1264
 Ion Ratio Lower Upper
 200 100
 173 229.7 17.6 26.4#
 215 30.7 40.2 60.4#



#24
 Pentachlorophenol
 Concen: 0.294 ng
 RT: 16.776 min Scan# 1394
 Delta R.T. 0.001 min
 Lab File: BN017721.D
 Acq: 04 Dec 2021 10:41

Tgt Ion:266 Resp: 475
 Ion Ratio Lower Upper
 266 100
 264 53.9 49.8 74.8
 268 65.9 51.3 76.9

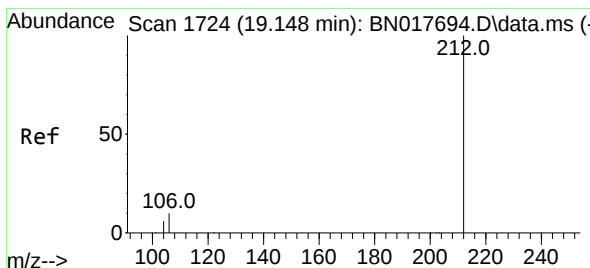
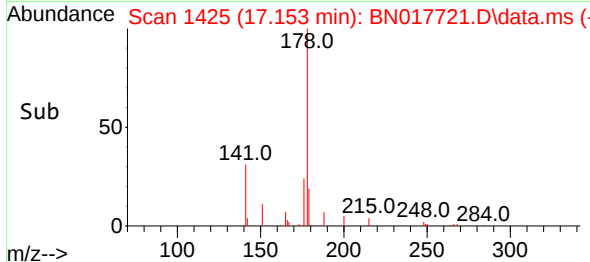
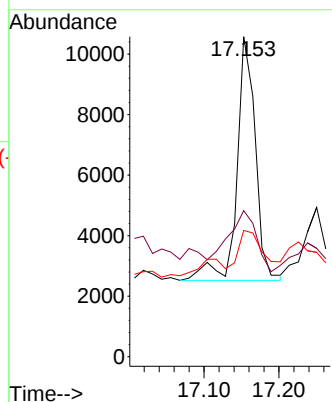
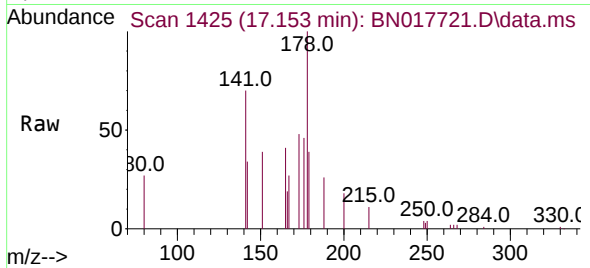




#25
Phenanthrene
Concen: 0.041 ng
RT: 17.153 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

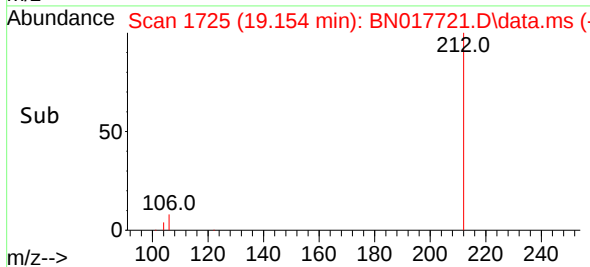
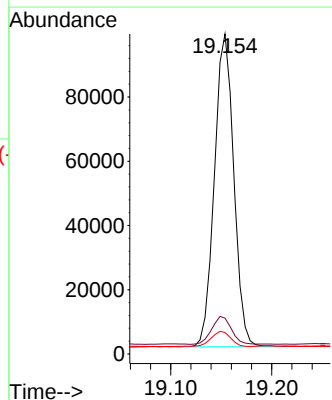
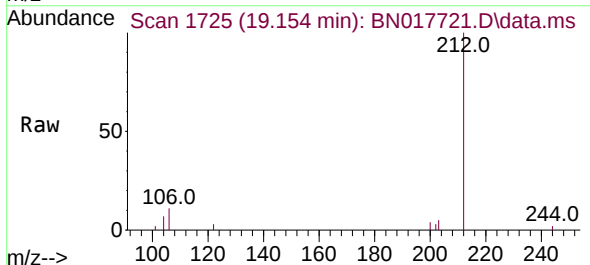
Instrument :
BNA_N
ClientSampleId :
MW-35

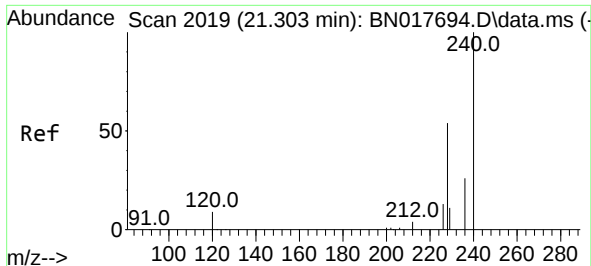
Tgt Ion:178 Resp: 13762
Ion Ratio Lower Upper
178 100
176 38.8 15.0 22.6#
179 20.4 12.3 18.5#



#27
Fluoranthene-d10
Concen: 0.317 ng
RT: 19.154 min Scan# 1725
Delta R.T. 0.005 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

Tgt Ion:212 Resp: 129700
Ion Ratio Lower Upper
212 100
106 9.1 10.5 15.7#
104 5.0 5.8 8.6#

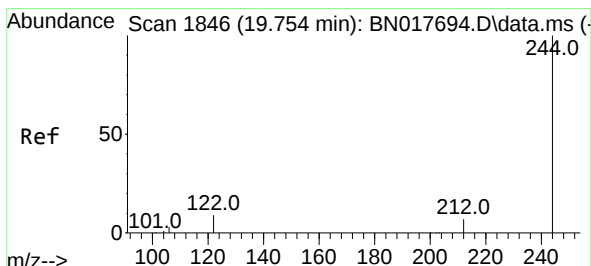
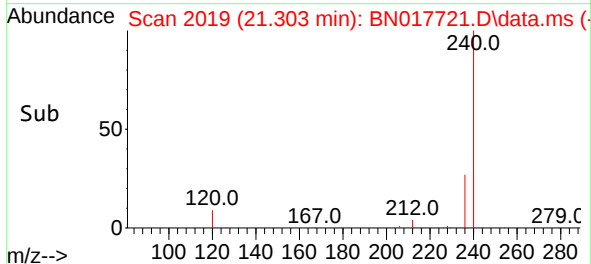
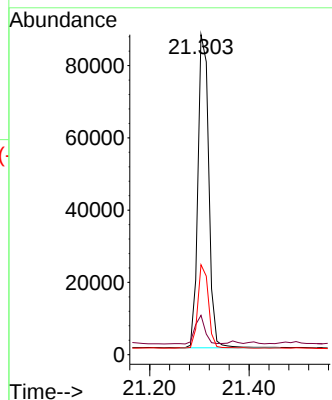
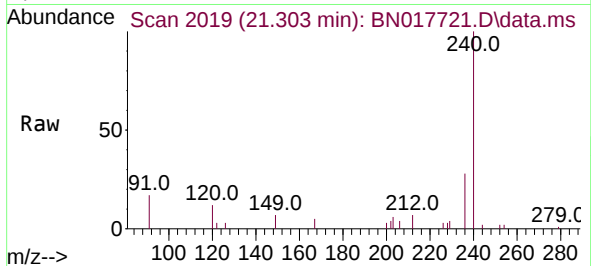




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

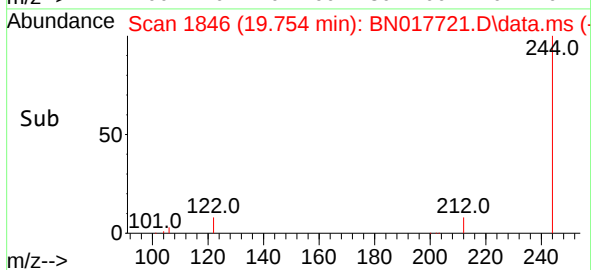
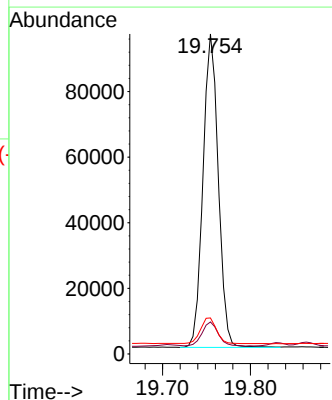
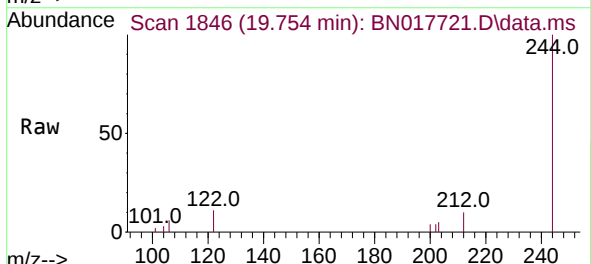
Instrument :
BNA_N
ClientSampleId :
MW-35

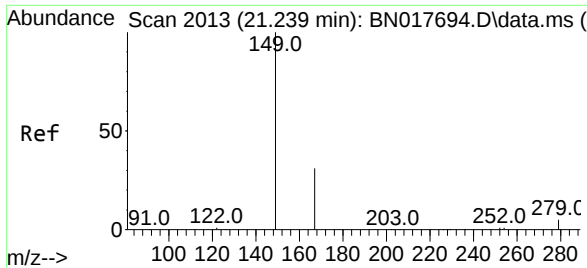
Tgt Ion:240 Resp: 131650
Ion Ratio Lower Upper
240 100
120 12.3 4.2 6.2#
236 28.1 20.0 30.0



#31
Terphenyl-d14
Concen: 0.396 ng
RT: 19.754 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

Tgt Ion:244 Resp: 115611
Ion Ratio Lower Upper
244 100
212 10.0 5.7 8.5#
122 11.2 8.6 13.0

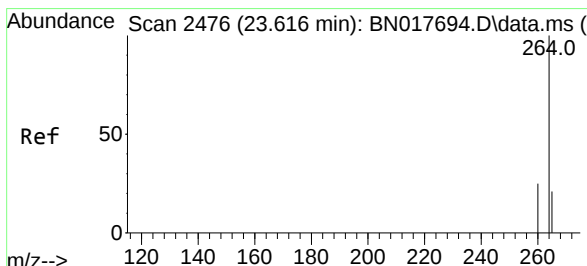
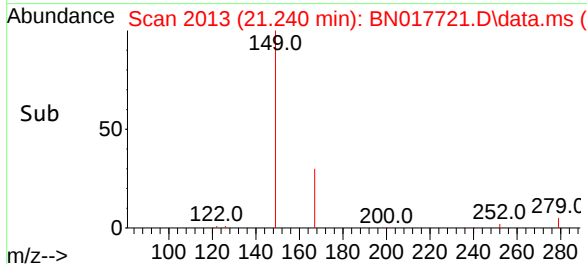
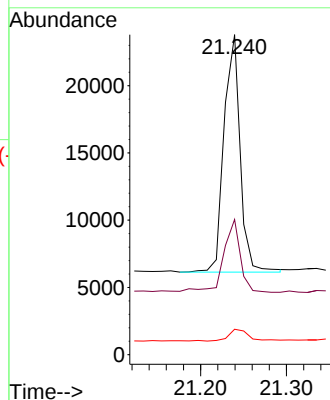
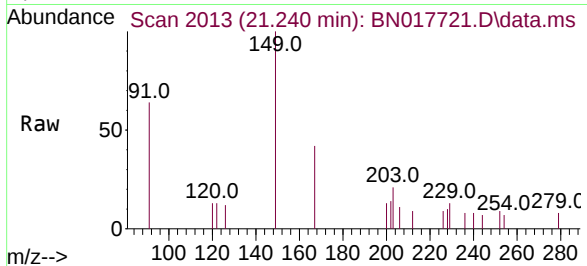




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.184 ng
 RT: 21.240 min Scan# 2013
 Delta R.T. 0.001 min
 Lab File: BN017721.D
 Acq: 04 Dec 2021 10:41

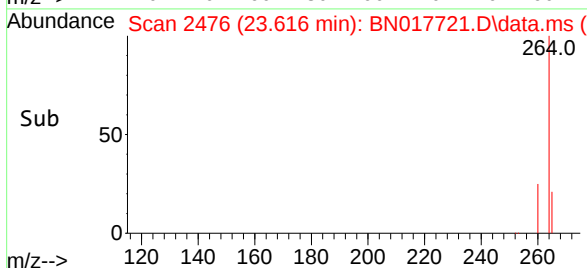
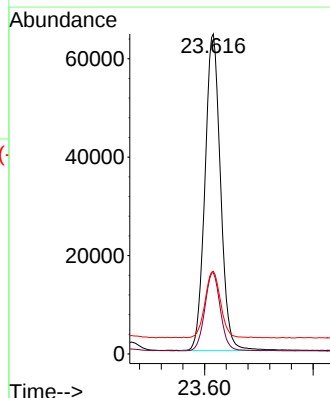
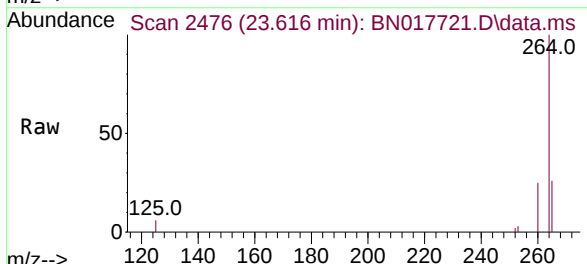
Instrument :
 BNA_N
 ClientSampleId :
 MW-35

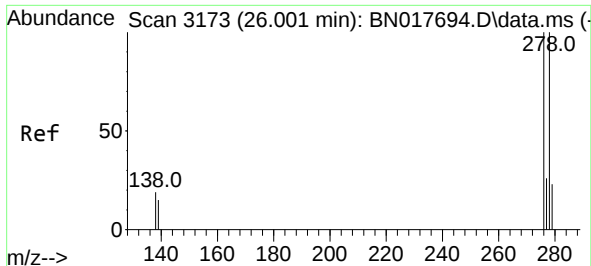
Tgt Ion:149 Resp: 23048
 Ion Ratio Lower Upper
 149 100
 167 31.6 21.8 32.6
 279 5.7 3.4 5.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.616 min Scan# 2476
 Delta R.T. 0.000 min
 Lab File: BN017721.D
 Acq: 04 Dec 2021 10:41

Tgt Ion:264 Resp: 128014
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.4 29.2
 265 25.8 18.6 28.0





#40

Dibenzo(a,h)anthracene

Concen: 0.085 ng

RT: 25.998 min Scan# 31

Delta R.T. -0.003 min

Lab File: BN017721.D

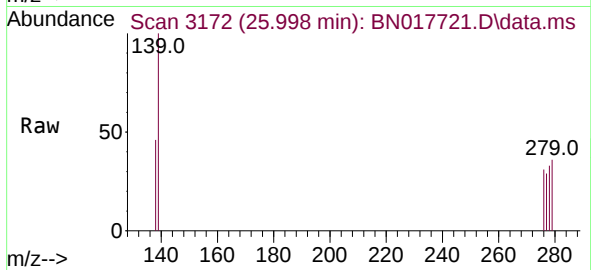
Acq: 04 Dec 2021 10:41

Instrument :

BNA_N

ClientSampleId :

MW-35



Tgt Ion:278 Resp: 882

Ion Ratio Lower Upper

278 100

139 302.8 13.0 19.6#

279 108.2 19.2 28.8#

