

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091222\
 Data File : BN021721.D
 Acq On : 12 Sep 2022 18:54
 Operator : CG/JU
 Sample : N4537-01DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW14DL

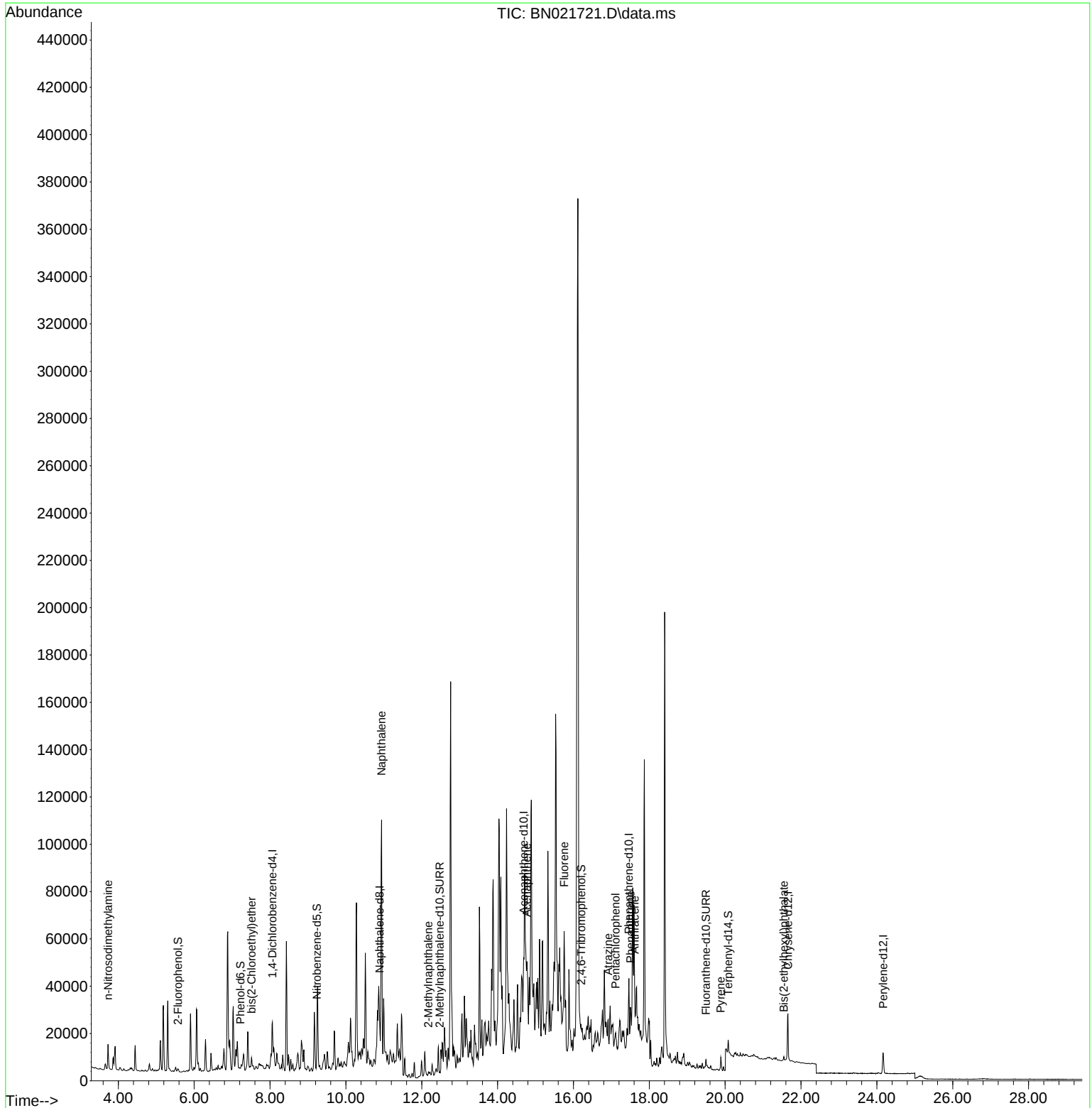
Quant Time: Sep 13 03:14:55 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 13 02:32:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	6286	0.400	ng	0.00
7) Naphthalene-d8	10.887	136	21402	0.400	ng	# 0.00
13) Acenaphthene-d10	14.686	164	42710	0.400	ng	#-0.02
19) Phenanthrene-d10	17.459	188	26493	0.400	ng	# 0.00
29) Chrysene-d12	21.655	240	19581	0.400	ng	0.00
35) Perylene-d12	24.165	264	12810	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.570	112	921	0.075	ng	-0.01
5) Phenol-d6	7.217	99	372	0.024	ng	0.00
8) Nitrobenzene-d5	9.233	82	846	0.059	ng	0.00
11) 2-Methylnaphthalene-d10	12.475	152	2483	0.051	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	390	0.028	ng	0.00
15) 2-Fluorobiphenyl	13.339	172	2965	0.016	ng	0.00
27) Fluoranthene-d10	19.493	212	4052	0.059	ng	0.00
31) Terphenyl-d14	20.079	244	2076	0.047	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.728	42	893	0.126	ng	# 1
6) bis(2-Chloroethyl)ether	7.513	93	2871	0.146	ng	# 5
9) Naphthalene	10.941	128	119831	1.890	ng	# 96
12) 2-Methylnaphthalene	12.176	142	203	0.146	ng	# 1
17) Acenaphthene	14.771	154	13777	0.098	ng	# 78
18) Fluorene	15.755	166	21400	0.123	ng	# 89
23) Atrazine	16.916	200	2378	0.246	ng	# 1
24) Pentachlorophenol	17.111	266	66	0.213	ng	# 71
25) Phenanthrene	17.500	178	12993	0.142	ng	# 92
26) Anthracene	17.613	178	1866	0.026	ng	# 61
30) Pyrene	19.885	202	5203	0.050	ng	# 75
34) Bis(2-ethylhexyl)phtha...	21.548	149	1475	0.054	ng	# 95

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

Quant Time: Sep 13 03:14:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 13 02:32:27 2022
Response via : Initial Calibration

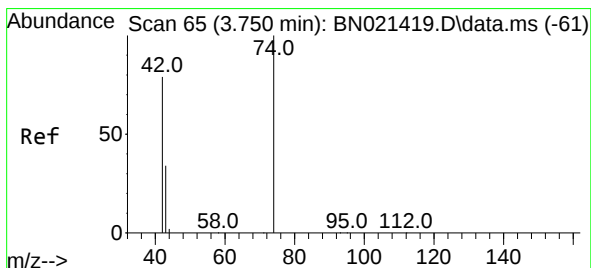
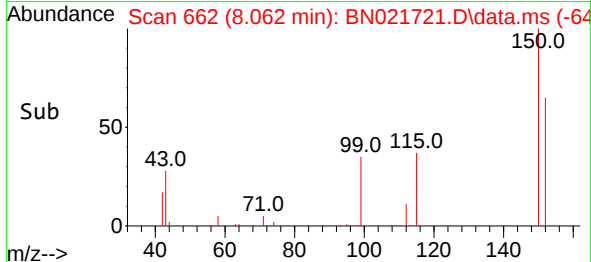
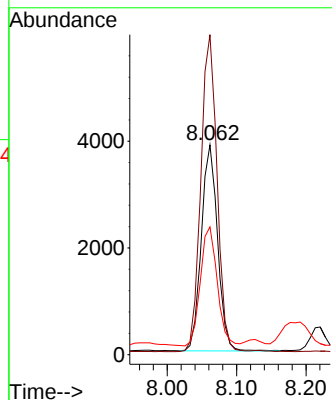
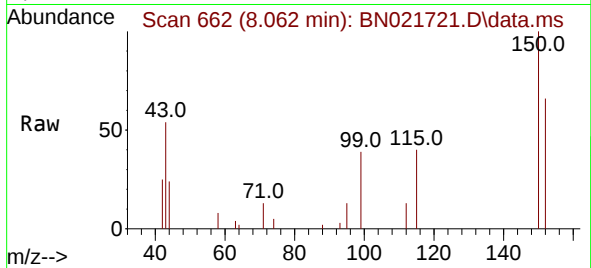




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.062 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

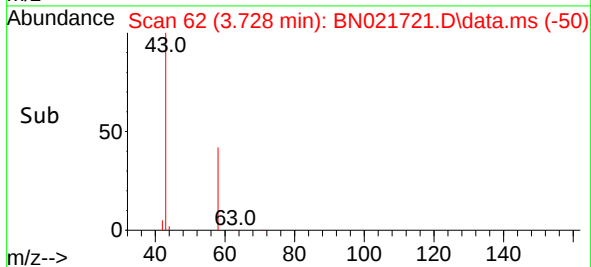
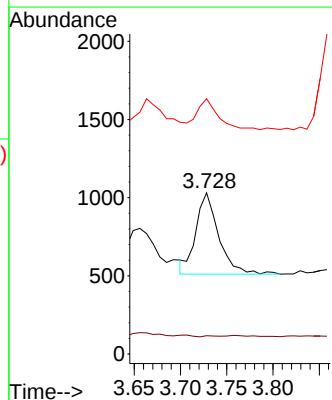
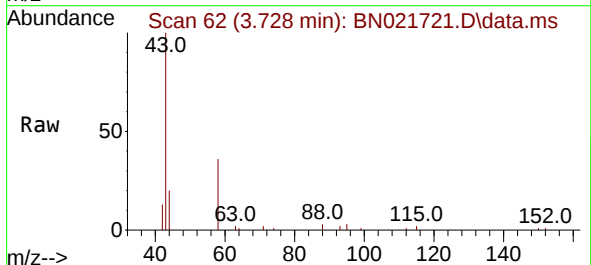
Instrument :
BNA_N
ClientSampleId :
MW14DL

Tgt Ion:152 Resp: 6286
Ion Ratio Lower Upper
152 100
150 152.6 121.4 182.0
115 61.0 48.6 72.8



#3
n-Nitrosodimethylamine
Concen: 0.126 ng
RT: 3.728 min Scan# 62
Delta R.T. -0.014 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

Tgt Ion: 42 Resp: 893
Ion Ratio Lower Upper
42 100
74 0.8 113.0 169.6#
44 34.5 10.5 15.7#





#4

2-Fluorophenol

Concen: 0.075 ng

RT: 5.570 min Scan# 31

Delta R.T. -0.014 min

Lab File: BN021721.D

Acq: 12 Sep 2022 18:54

Instrument :

BNA_N

ClientSampleId :

MW14DL

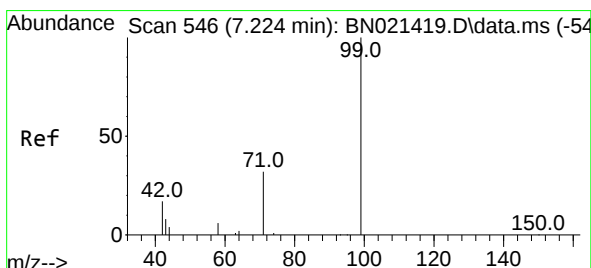
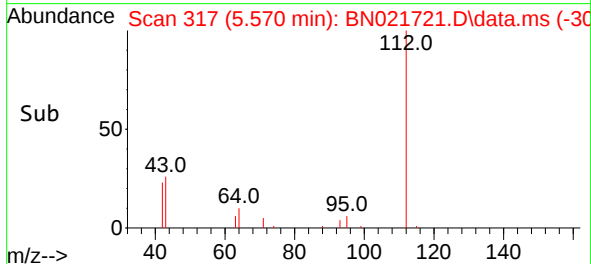
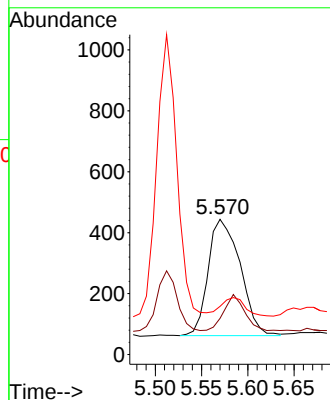
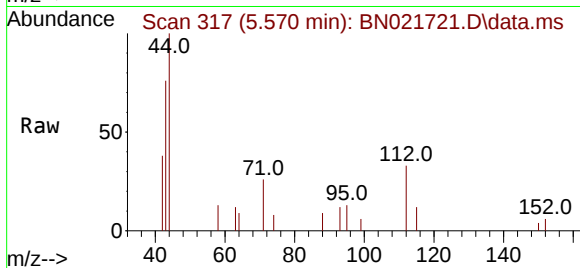
Tgt Ion:112 Resp: 921

Ion Ratio Lower Upper

112 100

64 19.7 43.5 65.3#

63 11.8 22.6 34.0#



#5

Phenol-d6

Concen: 0.024 ng

RT: 7.217 min Scan# 545

Delta R.T. 0.007 min

Lab File: BN021721.D

Acq: 12 Sep 2022 18:54

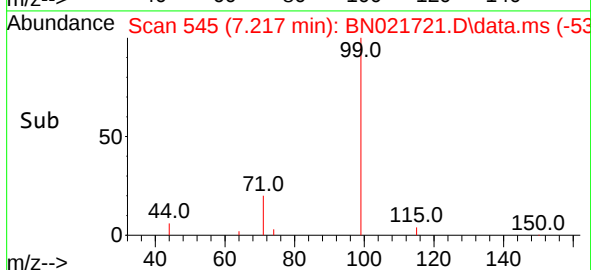
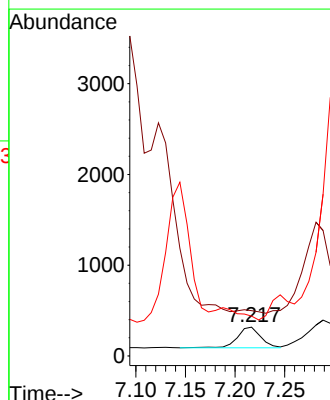
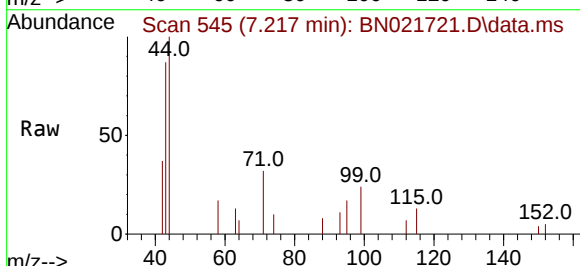
Tgt Ion: 99 Resp: 372

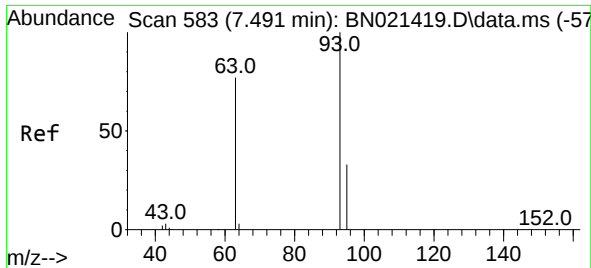
Ion Ratio Lower Upper

99 100

42 0.0 15.5 23.3#

71 0.0 24.2 36.2#

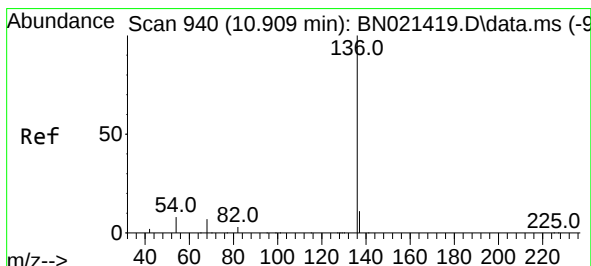
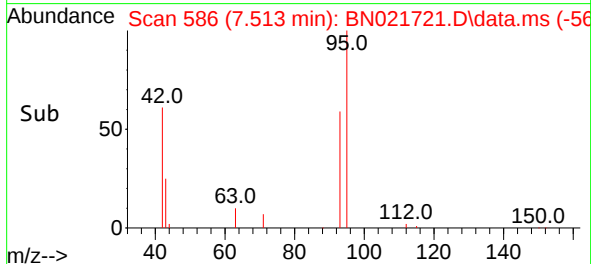
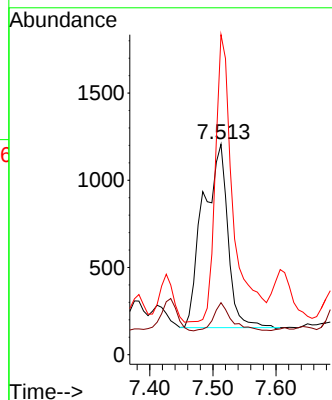
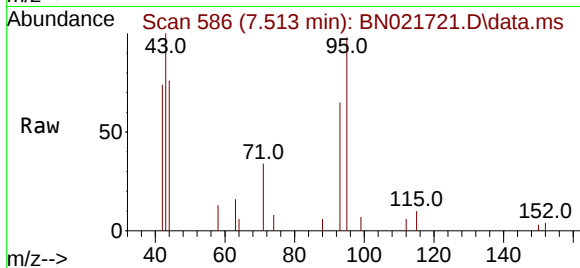




#6
bis(2-Chloroethyl)ether
Concen: 0.146 ng
RT: 7.513 min Scan# 586
Delta R.T. 0.036 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

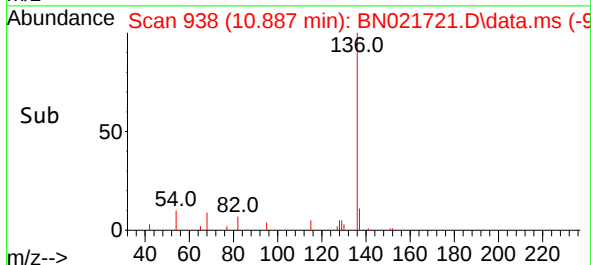
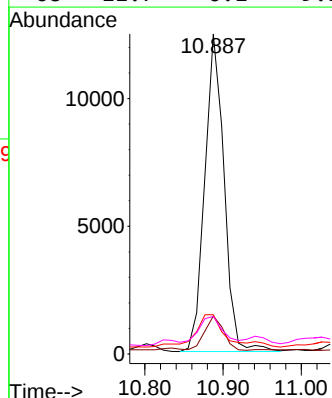
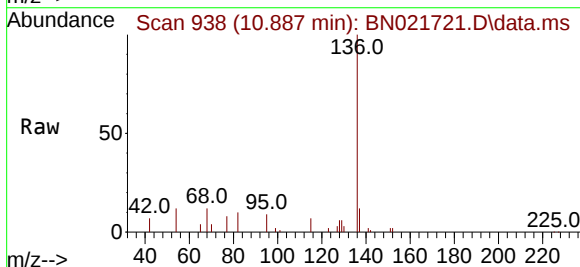
Instrument :
BNA_N
ClientSampleId :
MW14DL

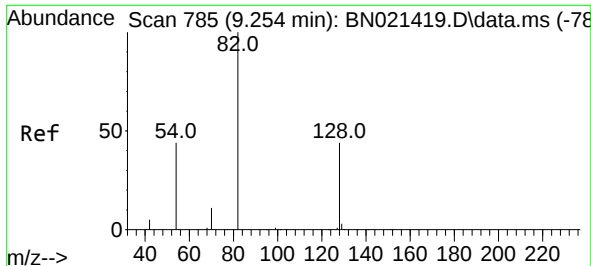
Tgt Ion: 93 Resp: 2871
Ion Ratio Lower Upper
93 100
63 10.9 57.8 86.8#
95 111.8 25.9 38.9#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.887 min Scan# 938
Delta R.T. -0.000 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

Tgt Ion: 136 Resp: 21402
Ion Ratio Lower Upper
136 100
137 11.9 9.3 13.9
54 12.3 6.9 10.3#
68 11.7 6.1 9.1#

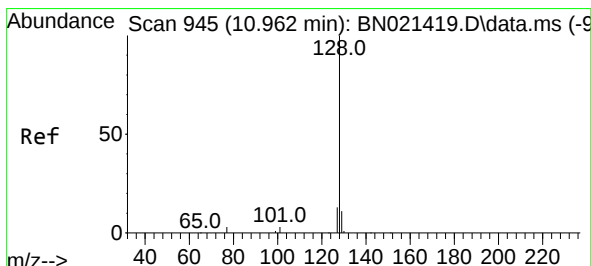
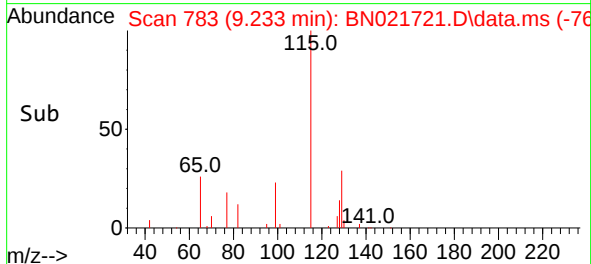
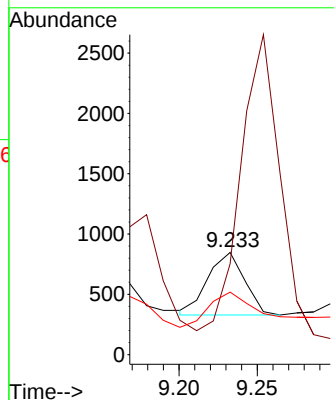
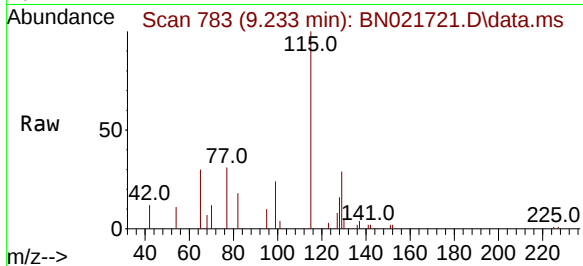




#8
Nitrobenzene-d5
Concen: 0.059 ng
RT: 9.233 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

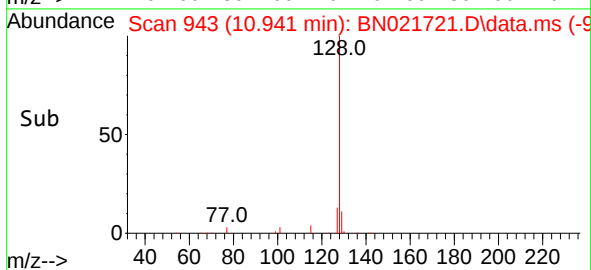
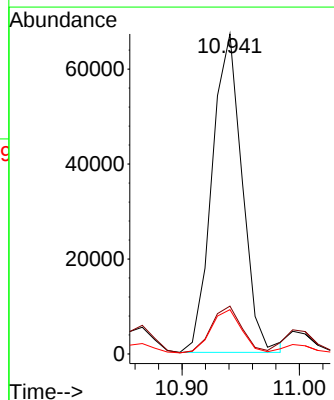
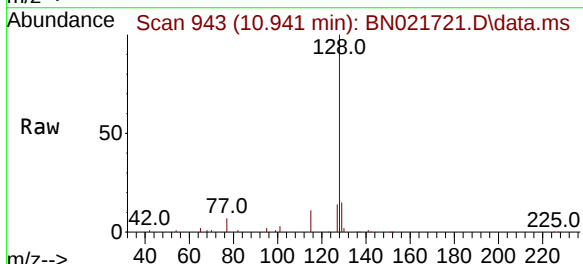
Instrument :
BNA_N
ClientSampleId :
MW14DL

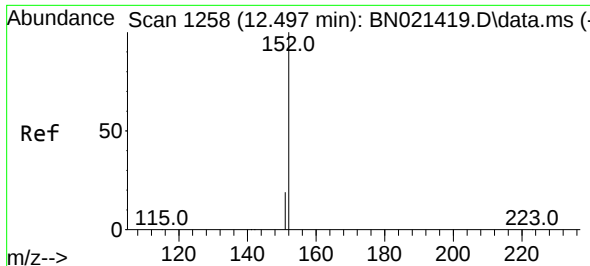
Tgt Ion: 82 Resp: 846
Ion Ratio Lower Upper
82 100
128 88.8 30.9 46.3#
54 61.2 42.7 64.1



#9
Naphthalene
Concen: 1.890 ng
RT: 10.941 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

Tgt Ion: 128 Resp: 119831
Ion Ratio Lower Upper
128 100
129 15.0 9.3 13.9#
127 13.9 11.0 16.4





#11

2-Methylnaphthalene-d10

Concen: 0.051 ng

RT: 12.475 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BN021721.D

Acq: 12 Sep 2022 18:54

Instrument :

BNA_N

ClientSampleId :

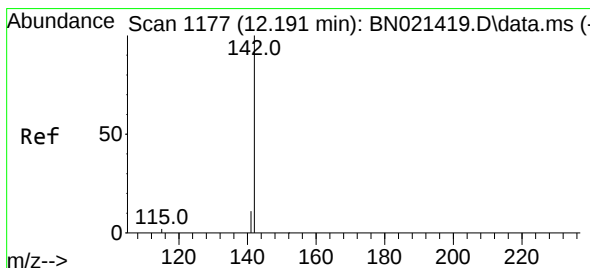
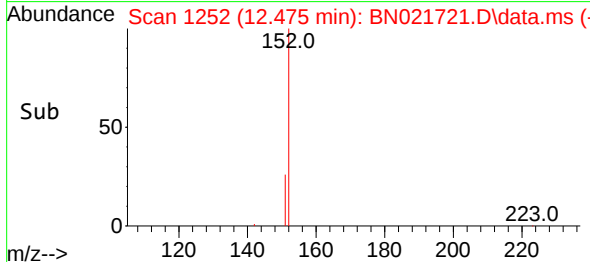
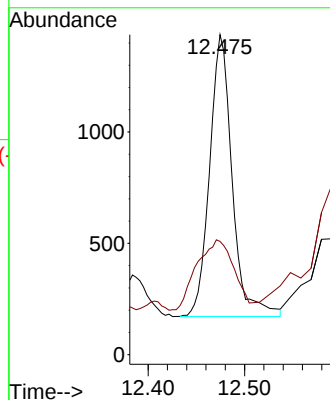
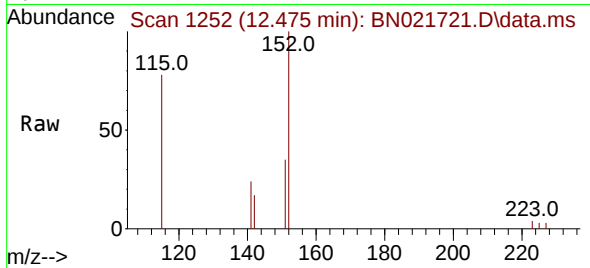
MW14DL

Tgt Ion:152 Resp: 2483

Ion Ratio Lower Upper

152 100

151 35.5 14.5 21.7#



#12

2-Methylnaphthalene

Concen: 0.146 ng

RT: 12.176 min Scan# 1173

Delta R.T. -0.004 min

Lab File: BN021721.D

Acq: 12 Sep 2022 18:54

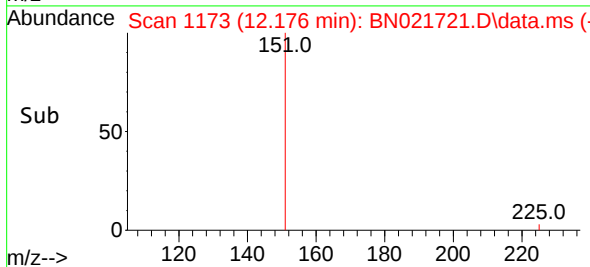
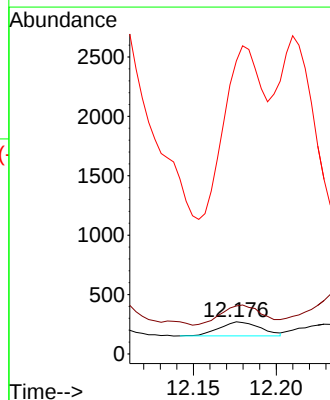
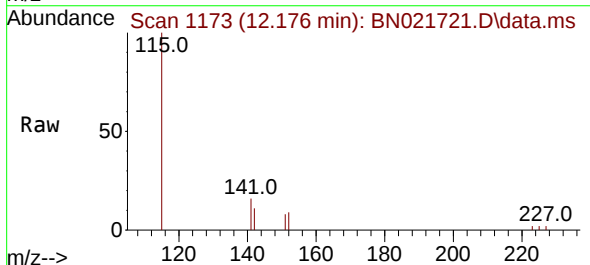
Tgt Ion:142 Resp: 203

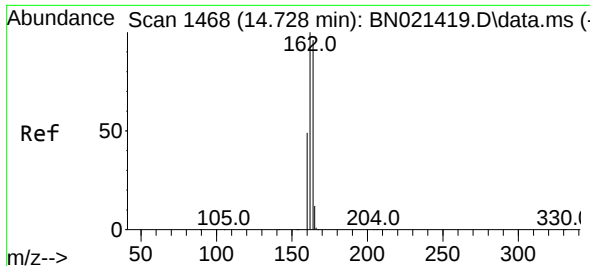
Ion Ratio Lower Upper

142 100

141 149.1 12.2 18.2#

115 910.0 7.9 11.9#

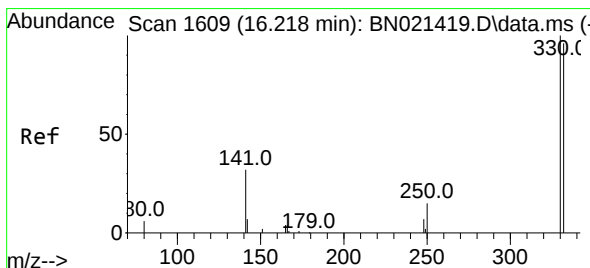
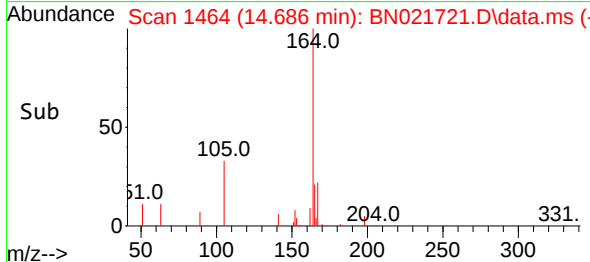
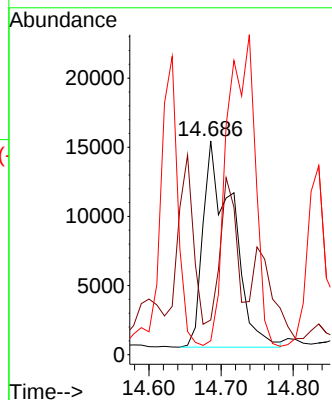
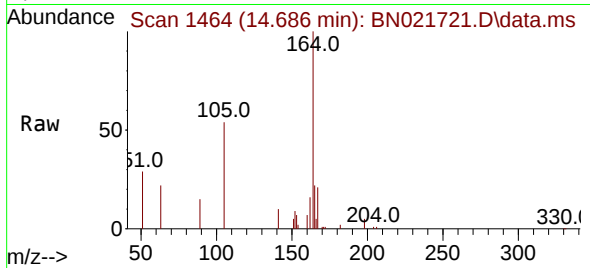




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.686 min Scan# 1464
Delta R.T. -0.021 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

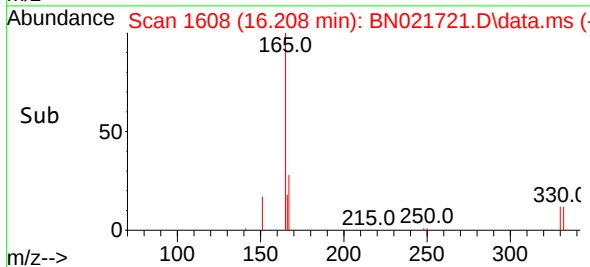
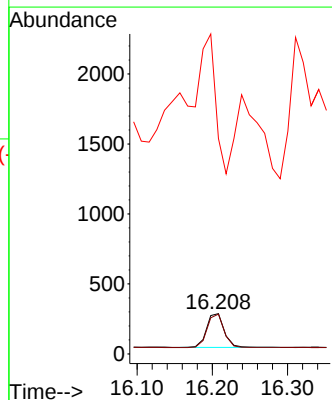
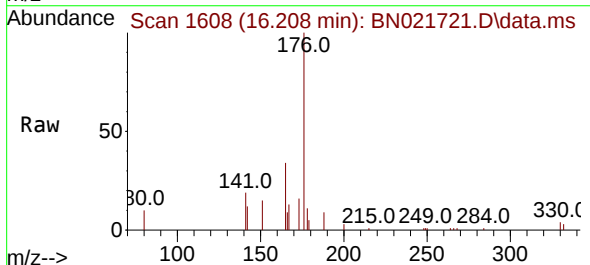
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BNA_N
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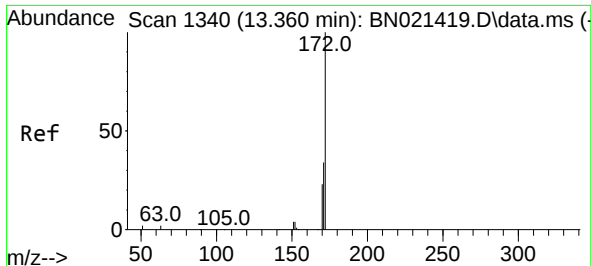
Tgt Ion:164 Resp: 42710
Ion Ratio Lower Upper
164 100
162 16.2 82.2 123.4#
160 6.5 39.5 59.3#



#14
2,4,6-Tribromophenol
Concen: 0.028 ng
RT: 16.208 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

Tgt Ion:330 Resp: 390
Ion Ratio Lower Upper
330 100
332 96.2 79.3 118.9
141 783.8 37.1 55.7#

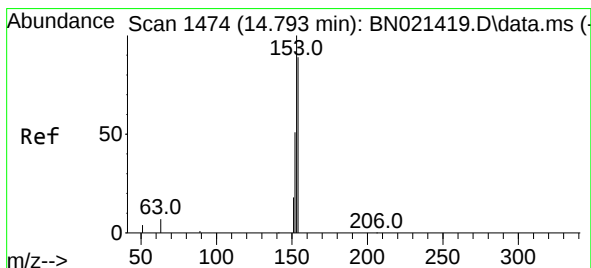
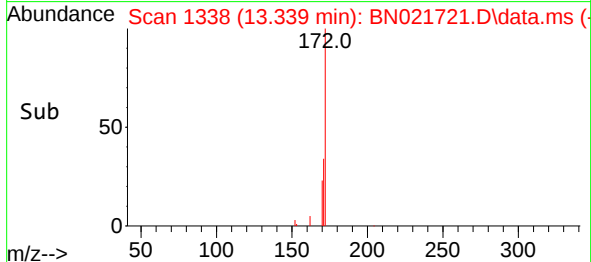
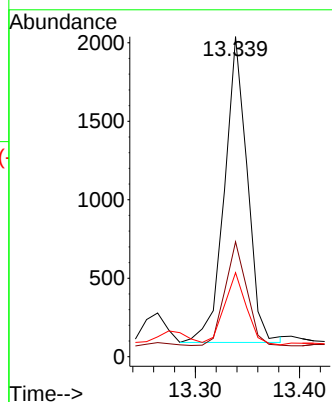
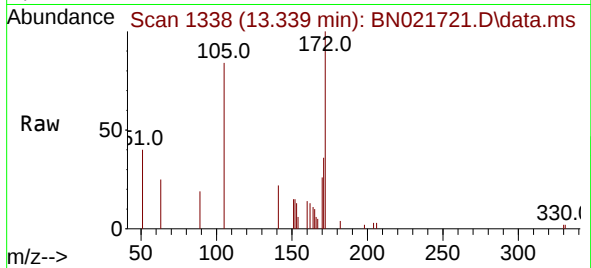




#15
2-Fluorobiphenyl
Concen: 0.016 ng
RT: 13.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

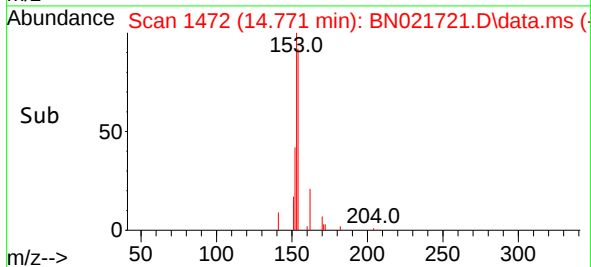
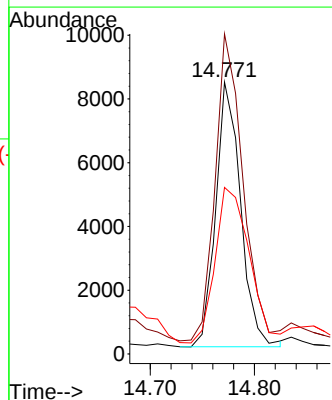
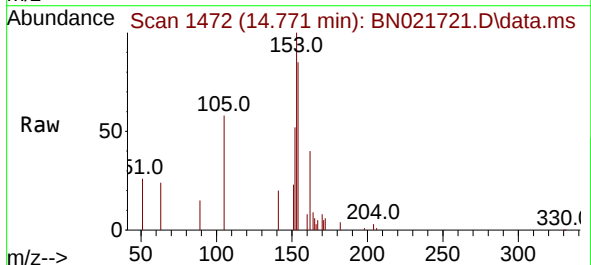
Instrument :
BNA_N
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MW14DL

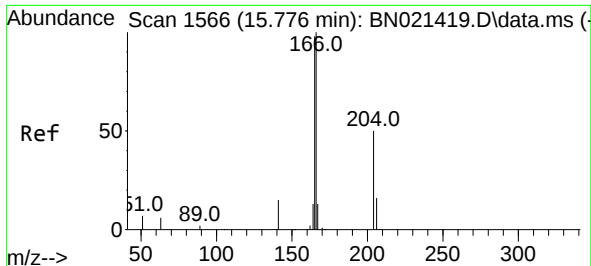
Tgt Ion:	172	Resp:	2965
Ion Ratio	Lower	Upper	
172	100		
171	35.9	27.8	41.6
170	26.2	18.6	28.0



#17
Acenaphthene
Concen: 0.098 ng
RT: 14.771 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

Tgt Ion:	154	Resp:	13777
Ion Ratio	Lower	Upper	
154	100		
153	129.3	89.5	134.3
152	80.6	45.5	68.3

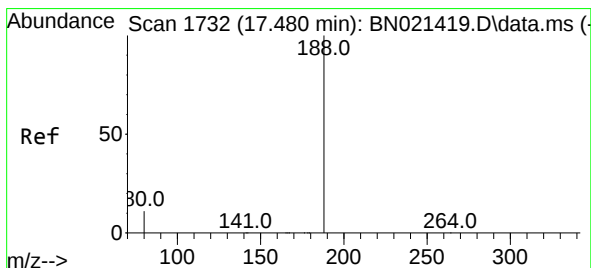
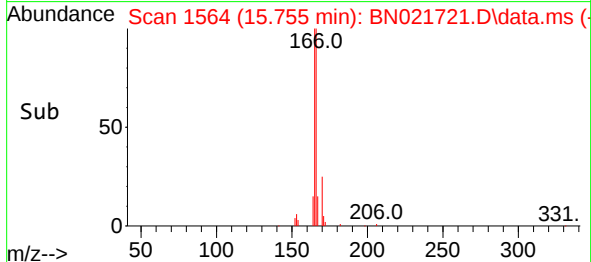
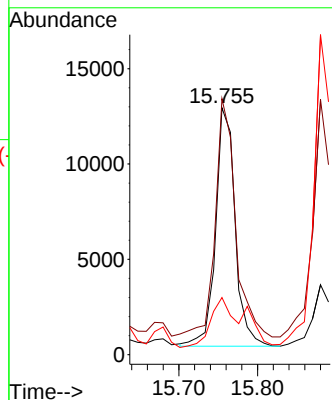
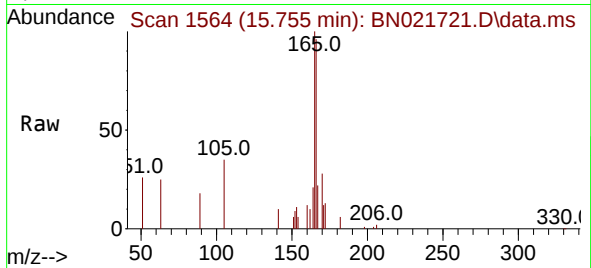




#18
Fluorene
Concen: 0.123 ng
RT: 15.755 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

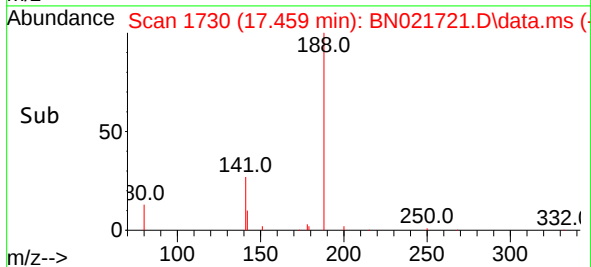
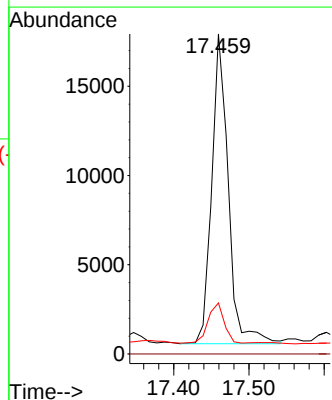
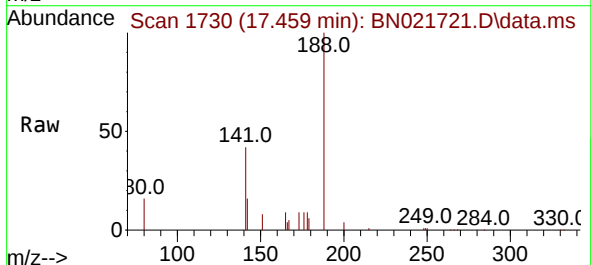
Instrument :
BNA_N
ClientSampleId :
MW14DL

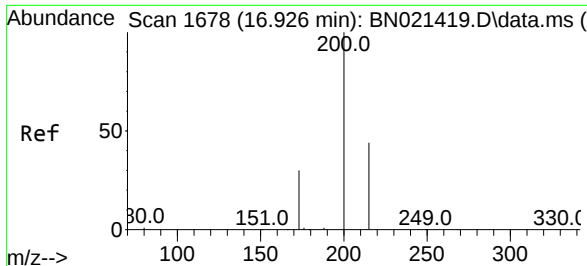
Tgt Ion:166 Resp: 21400
Ion Ratio Lower Upper
166 100
165 103.3 78.7 118.1
167 36.2 10.6 16.0#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.459 min Scan# 1730
Delta R.T. -0.000 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

Tgt Ion:188 Resp: 26493
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.0 9.5 14.3#

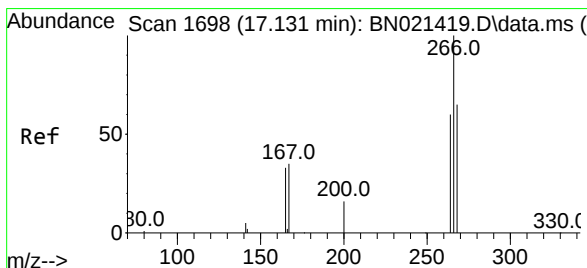
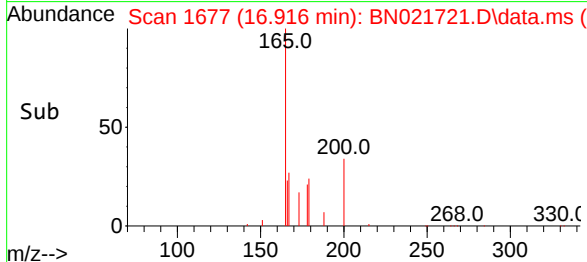
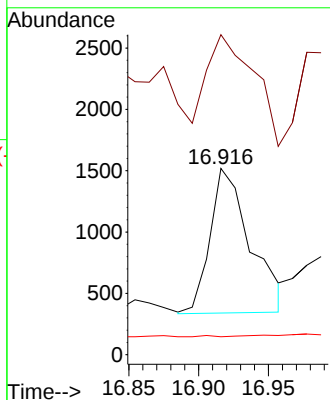
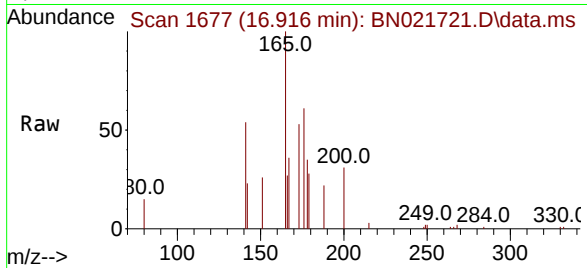




#23
Atrazine
Concen: 0.246 ng
RT: 16.916 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

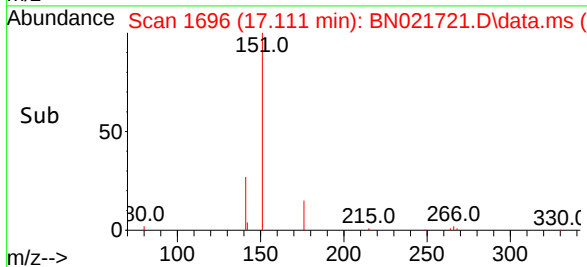
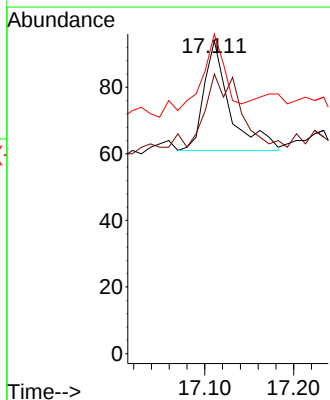
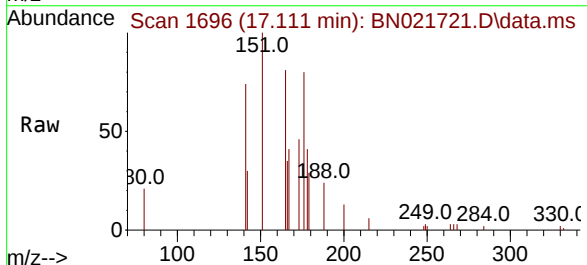
Instrument :
BNA_N
ClientSampleId :
MW14DL

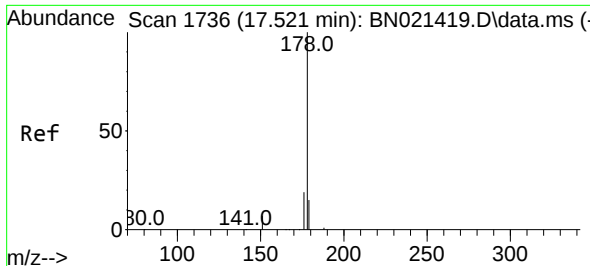
Tgt Ion:200 Resp: 2378
Ion Ratio Lower Upper
200 100
173 171.9 24.3 36.5#
215 9.6 38.4 57.6#



#24
Pentachlorophenol
Concen: 0.213 ng
RT: 17.111 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

Tgt Ion:266 Resp: 66
Ion Ratio Lower Upper
266 100
264 92.4 49.0 73.6#
268 77.3 50.9 76.3#

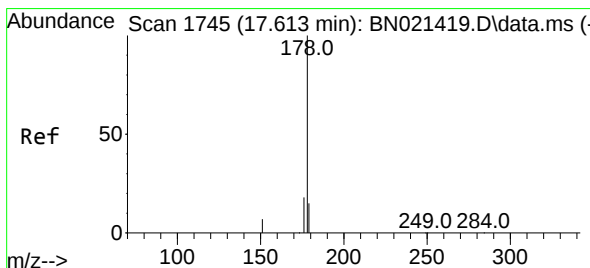
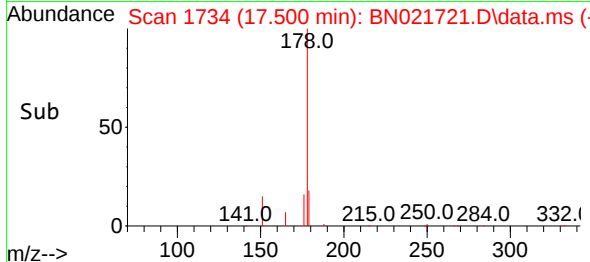
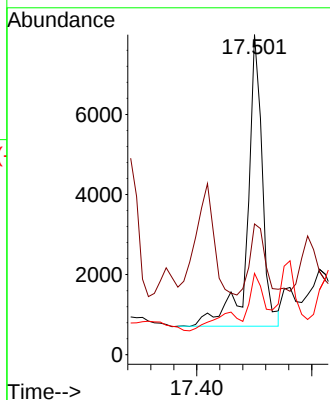
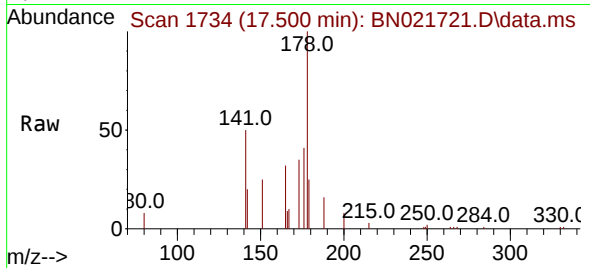




#25
Phenanthrene
Concen: 0.142 ng
RT: 17.500 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

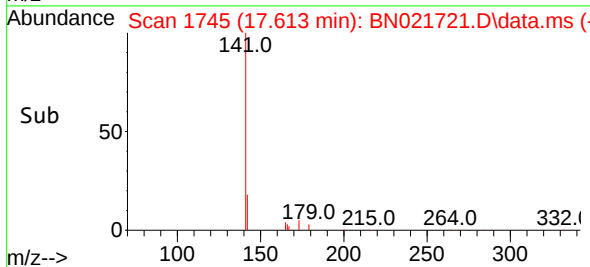
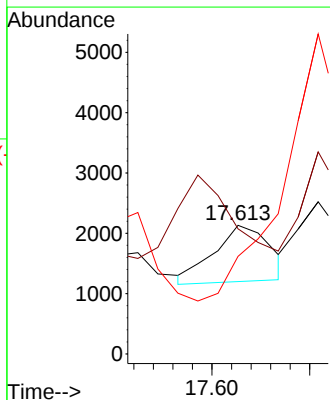
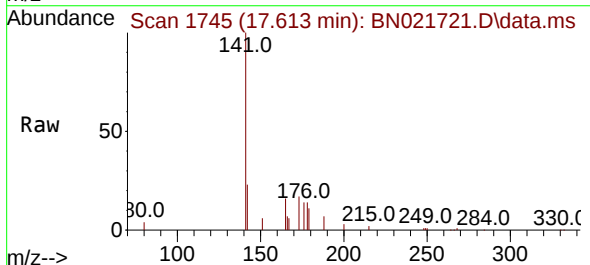
Instrument :
BNA_N
ClientSampleId :
MW14DL

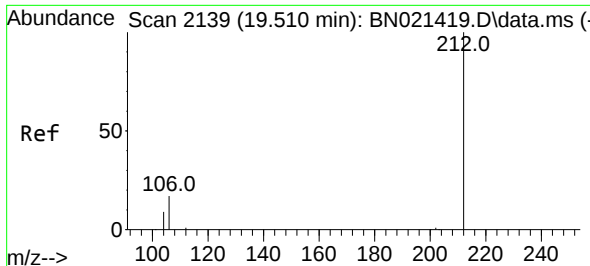
Tgt Ion:178 Resp: 12993
Ion Ratio Lower Upper
178 100
176 25.0 15.4 23.2#
179 14.7 12.2 18.4



#26
Anthracene
Concen: 0.026 ng
RT: 17.613 min Scan# 1745
Delta R.T. 0.021 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

Tgt Ion:178 Resp: 1866
Ion Ratio Lower Upper
178 100
176 0.0 14.6 22.0#
179 0.0 12.2 18.2#

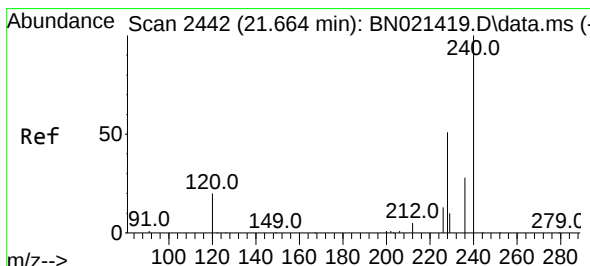
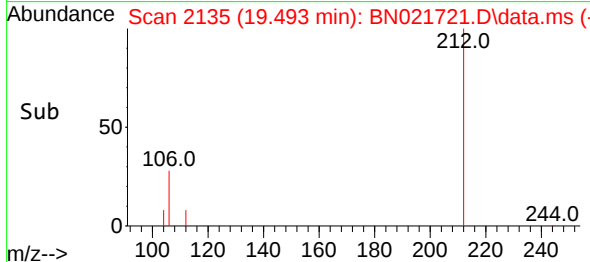
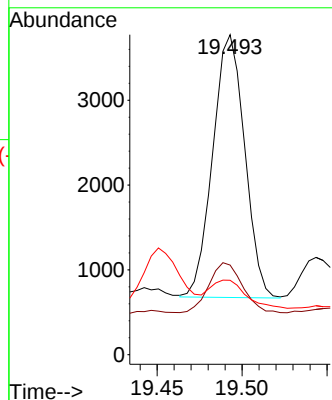
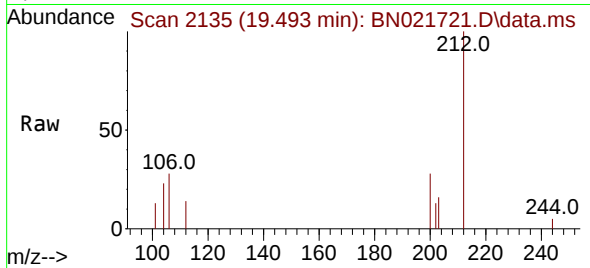




#27
Fluoranthene-d10
Concen: 0.059 ng
RT: 19.493 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

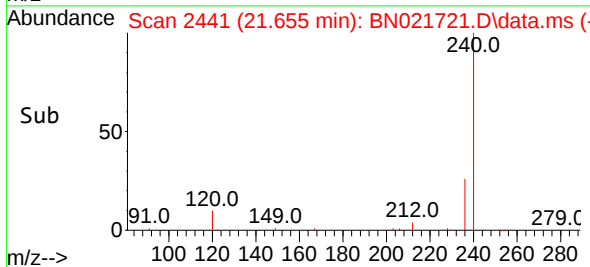
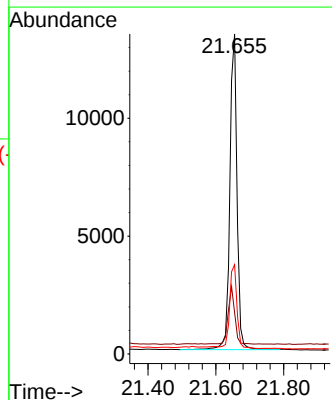
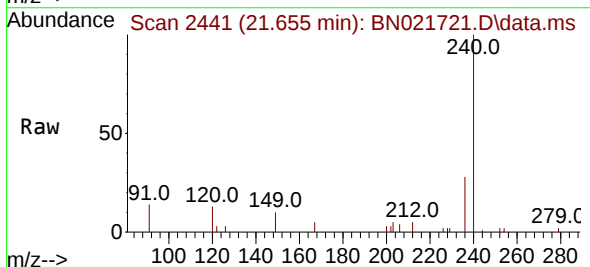
Instrument :
BNA_N
ClientSampleId :
MW14DL

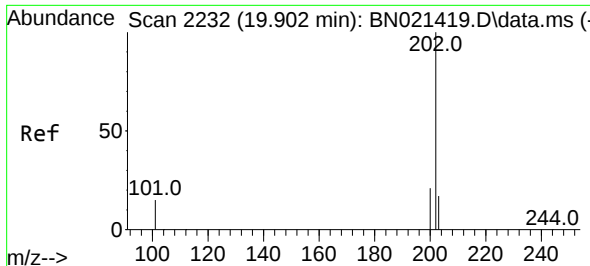
Tgt Ion:212 Resp: 4052
Ion Ratio Lower Upper
212 100
106 20.2 14.2 21.2
104 11.7 7.8 11.6#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

Tgt Ion:240 Resp: 19581
Ion Ratio Lower Upper
240 100
120 13.0 10.2 15.4
236 27.9 22.1 33.1

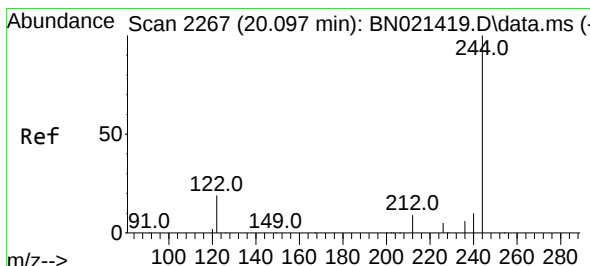
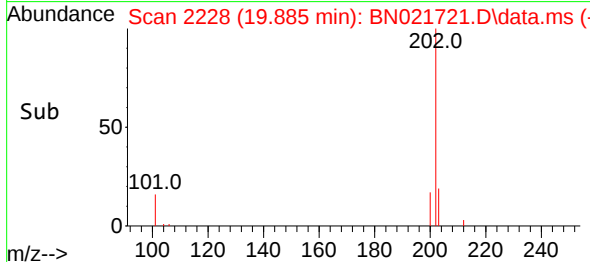
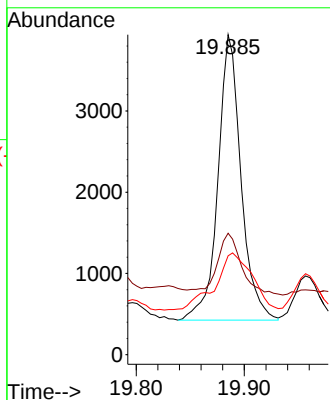
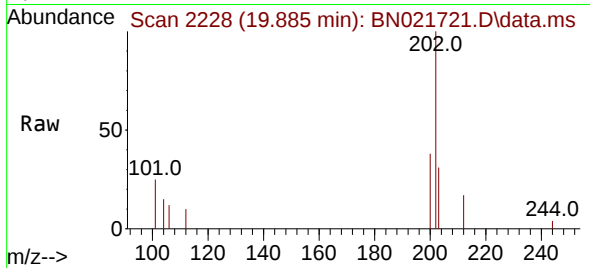




#30
Pyrene
Concen: 0.050 ng
RT: 19.885 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

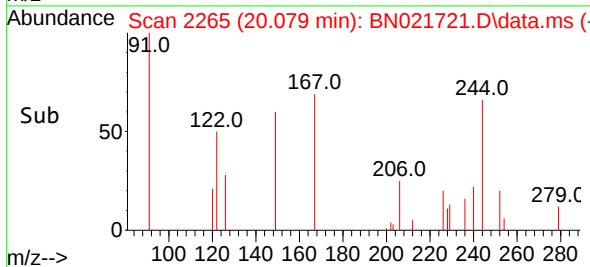
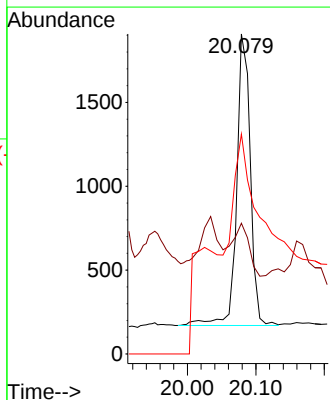
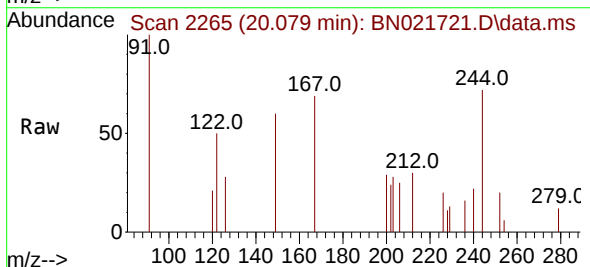
Instrument :
BNA_N
ClientSampleId :
MW14DL

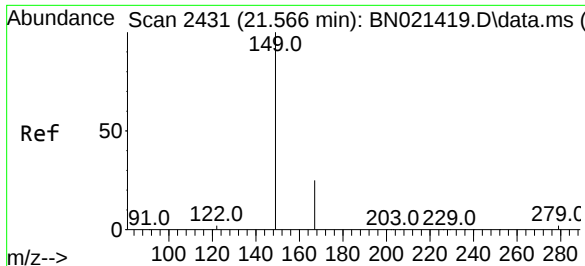
Tgt Ion:202 Resp: 5203
Ion Ratio Lower Upper
202 100
200 22.6 13.9 20.9#
203 32.0 11.9 17.9#



#31
Terphenyl-d14
Concen: 0.047 ng
RT: 20.079 min Scan# 2265
Delta R.T. -0.009 min
Lab File: BN021721.D
Acq: 12 Sep 2022 18:54

Tgt Ion:244 Resp: 2076
Ion Ratio Lower Upper
244 100
212 40.9 6.5 9.7#
122 68.7 9.1 13.7#

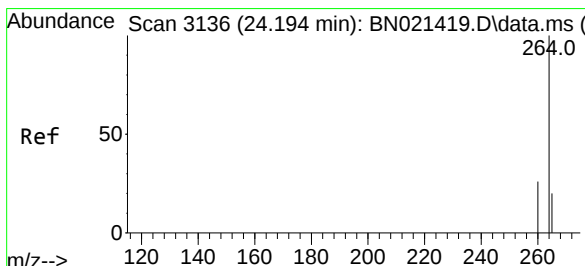
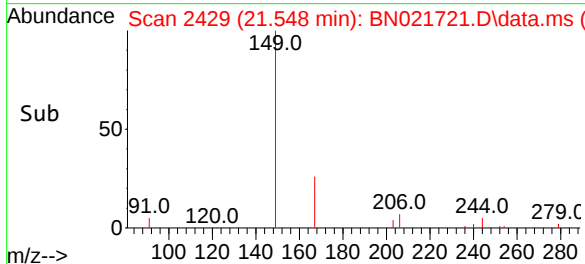
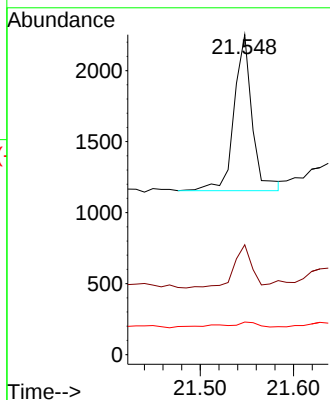
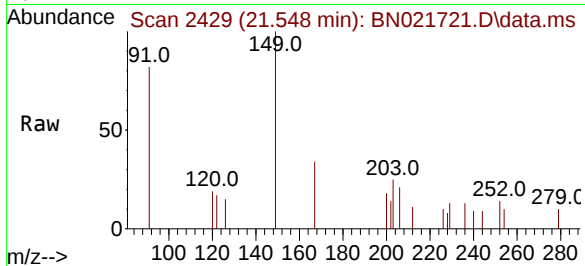




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.054 ng
 RT: 21.548 min Scan# 2431
 Delta R.T. 0.000 min
 Lab File: BN021721.D
 Acq: 12 Sep 2022 18:54

Instrument :
 BNA_N
 ClientSampleId :
 MW14DL

Tgt Ion:149 Resp: 1475
 Ion Ratio Lower Upper
 149 100
 167 28.5 21.4 32.0
 279 7.7 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.165 min Scan# 3126
 Delta R.T. -0.003 min
 Lab File: BN021721.D
 Acq: 12 Sep 2022 18:54

Tgt Ion:264 Resp: 12810
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.0 31.6
 265 45.8 32.2 48.2

