

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
 Data File : BN021754.D
 Acq On : 14 Sep 2022 19:25
 Operator : CG/JU
 Sample : N4549-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-58

Quant Time: Sep 15 02:12:17 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 01:55:04 2022
 Response via : Initial Calibration

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

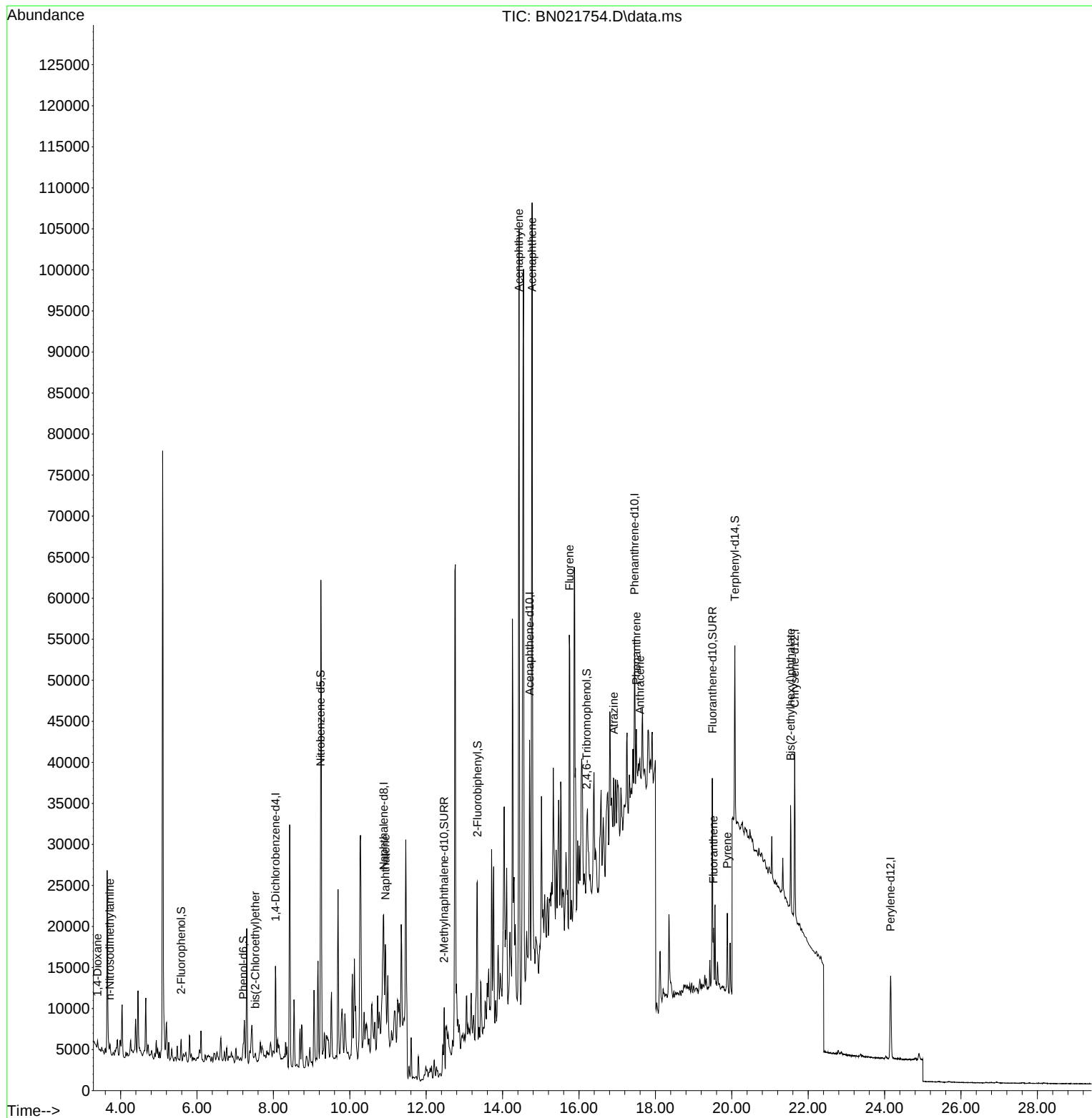
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.054	152	5090	0.400	ng	0.00
7) Naphthalene-d8	10.887	136	17885	0.400	ng	# 0.00
13) Acenaphthene-d10	14.707	164	15300	0.400	ng	# 0.00
19) Phenanthrene-d10	17.456	188	23646	0.400	ng	# 0.00
29) Chrysene-d12	21.647	240	18317	0.400	ng	# 0.00
35) Perylene-d12	24.156	264	14449	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2359	0.177	ng	0.00
5) Phenol-d6	7.209	99	1896	0.112	ng	0.00
8) Nitrobenzene-d5	9.232	82	5006	0.339	ng	0.00
11) 2-Methylnaphthalene-d10	12.471	152	16444	0.364	ng	0.00
14) 2,4,6-Tribromophenol	16.197	330	2444	0.349	ng	-0.01
15) 2-Fluorobiphenyl	13.338	172	16585	0.265	ng	0.00
27) Fluoranthene-d10	19.489	212	25971	0.408	ng	0.00
31) Terphenyl-d14	20.080	244	17857	0.426	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.396	88	442	0.067	ng	# 17
3) n-Nitrosodimethylamine	3.721	42	246	0.037	ng	# 1
6) bis(2-Chloroethyl)ether	7.527	93	948	0.057	ng	# 42
9) Naphthalene	10.930	128	5515	0.104	ng	# 33
16) Acenaphthylene	14.429	152	10877	0.149	ng	# 1
17) Acenaphthene	14.771	154	46178	0.925	ng	97
18) Fluorene	15.746	166	26040	0.392	ng	# 99
23) Atrazine	16.913	200	816	0.068	ng	# 1
25) Phenanthrene	17.502	178	6068	0.077	ng	# 57
26) Anthracene	17.594	178	4409	0.066	ng	# 29
28) Fluoranthene	19.519	202	5549	0.065	ng	# 90
30) Pyrene	19.881	202	8388	0.092	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.539	149	11862	0.253	ng	95

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

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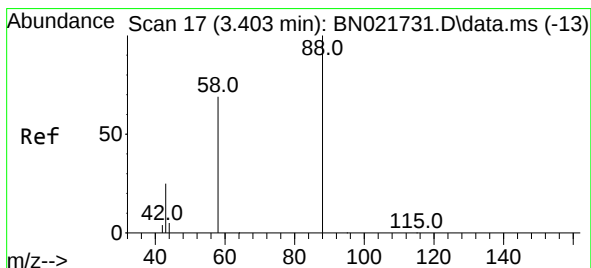
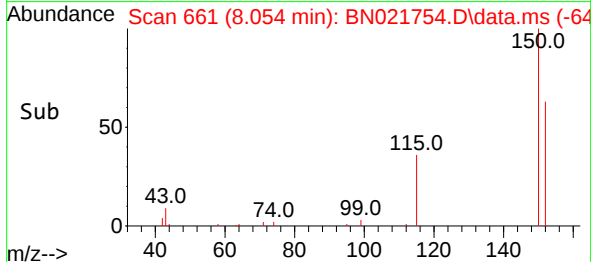
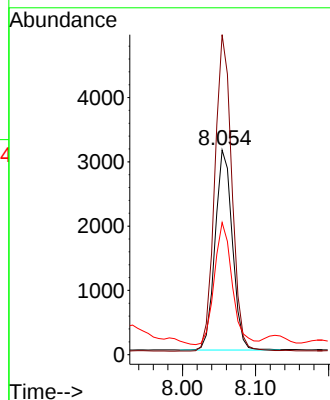
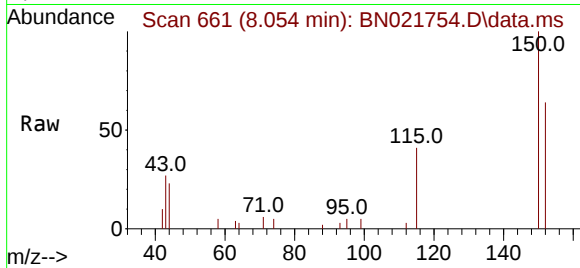




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.054 min Scan# 6
 Delta R.T. -0.008 min
 Lab File: BN021754.D
 Acq: 14 Sep 2022 19:25

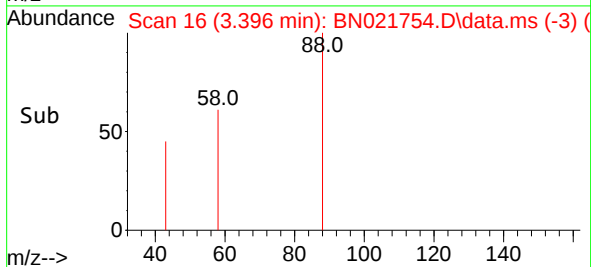
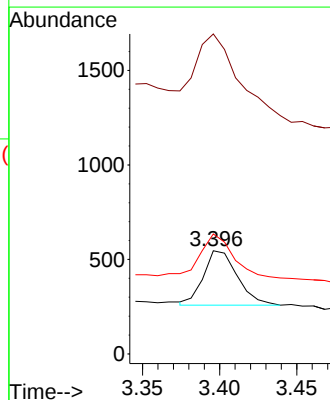
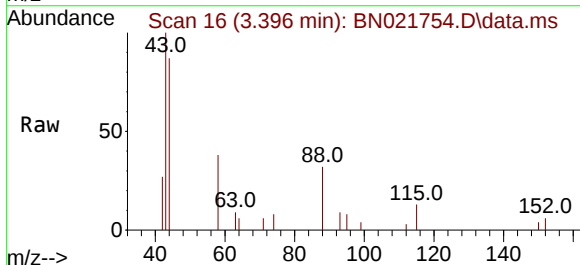
Instrument :
 BNA_N
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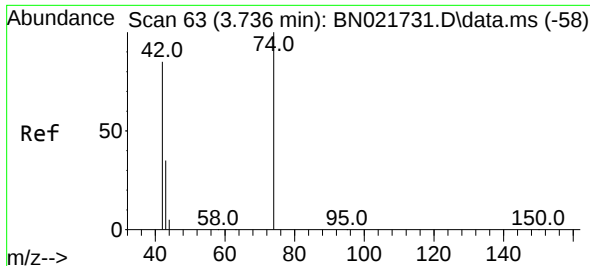
Tgt Ion:152 Resp: 5090
 Ion Ratio Lower Upper
 152 100
 150 156.3 121.8 182.8
 115 64.5 48.3 72.5



#2
 1,4-Dioxane
 Concen: 0.067 ng
 RT: 3.396 min Scan# 16
 Delta R.T. -0.007 min
 Lab File: BN021754.D
 Acq: 14 Sep 2022 19:25

Tgt Ion: 88 Resp: 442
 Ion Ratio Lower Upper
 88 100
 43 179.6 24.2 36.2#
 58 80.3 60.2 90.4





#3

n-Nitrosodimethylamine

Concen: 0.037 ng

RT: 3.721 min Scan# 61

Delta R.T. -0.015 min

Lab File: BN021754.D

Acq: 14 Sep 2022 19:25

Instrument :

BNA_N

ClientSampleId :

MW-58

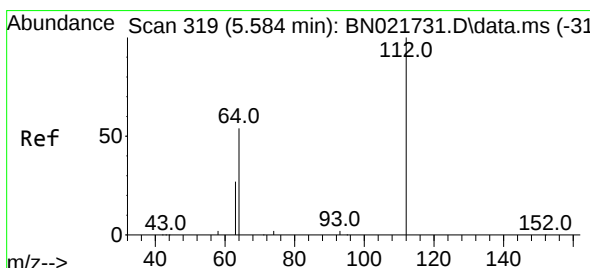
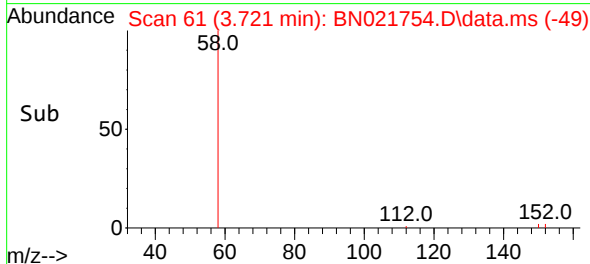
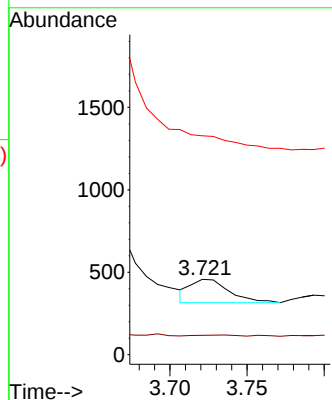
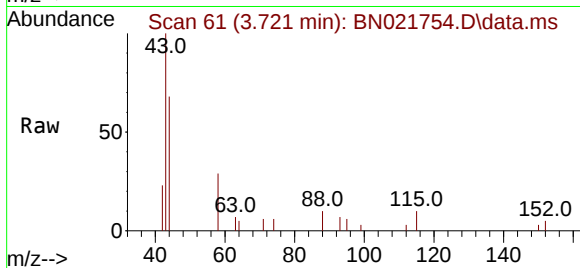
Tgt Ion: 42 Resp: 246

Ion Ratio Lower Upper

42 100

74 4.5 116.3 174.5#

44 0.0 9.0 13.4#



#4

2-Fluorophenol

Concen: 0.177 ng

RT: 5.584 min Scan# 319

Delta R.T. -0.000 min

Lab File: BN021754.D

Acq: 14 Sep 2022 19:25

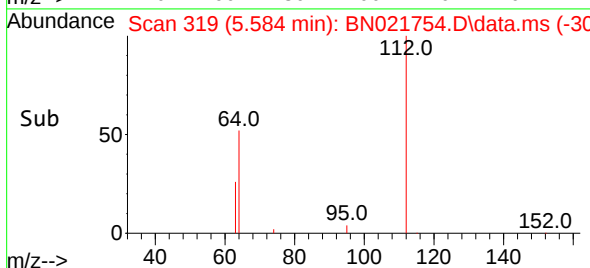
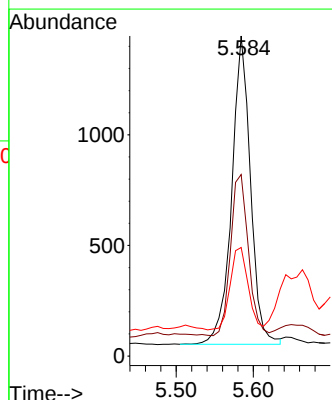
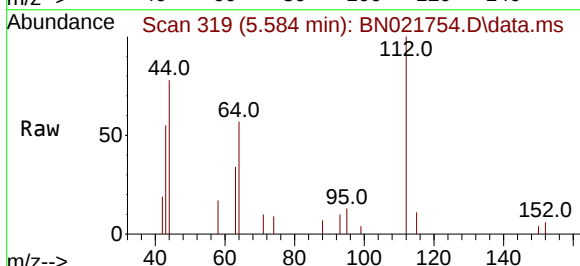
Tgt Ion: 112 Resp: 2359

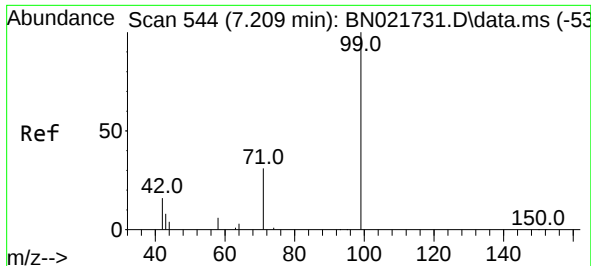
Ion Ratio Lower Upper

112 100

64 49.6 45.4 68.2

63 25.5 23.3 34.9

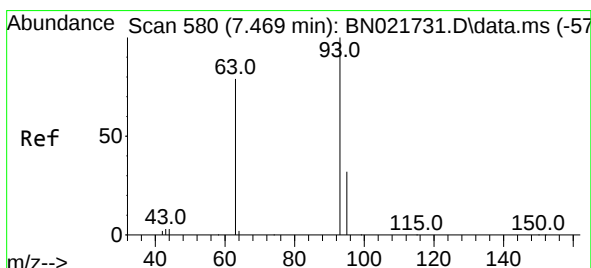
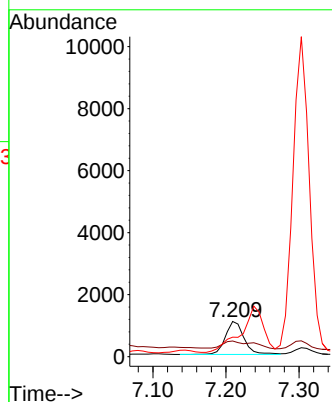
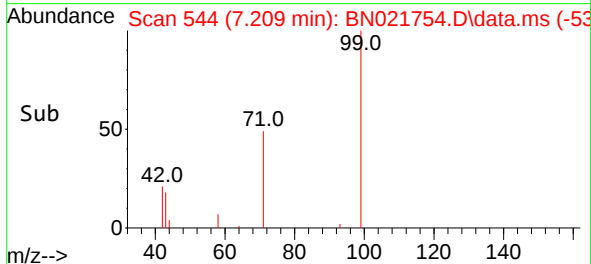
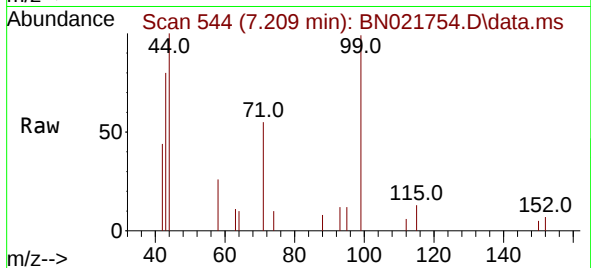




#5
Phenol-d6
Concen: 0.112 ng
RT: 7.209 min Scan# 544
Delta R.T. -0.000 min
Lab File: BN021754.D
Acq: 14 Sep 2022 19:25

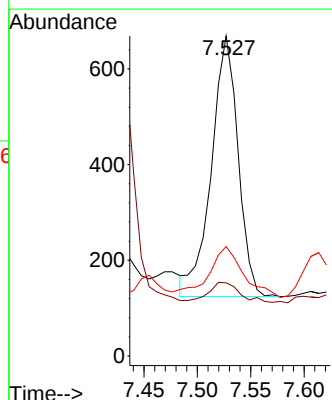
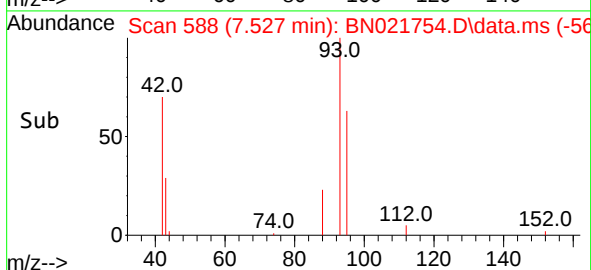
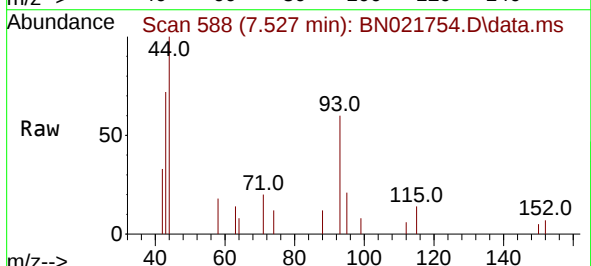
Instrument :
BNA_N
ClientSampleId :
MW-58

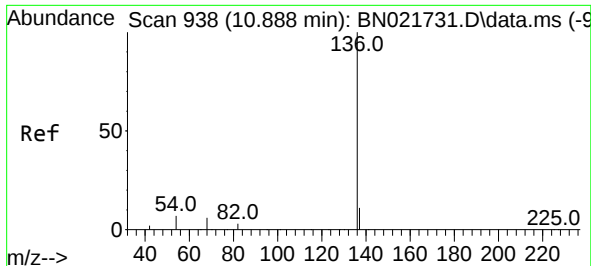
Tgt Ion: 99 Resp: 1896
Ion Ratio Lower Upper
99 100
42 38.0 15.1 22.7#
71 0.0 25.3 37.9#



#6
bis(2-Chloroethyl)ether
Concen: 0.057 ng
RT: 7.527 min Scan# 588
Delta R.T. 0.058 min
Lab File: BN021754.D
Acq: 14 Sep 2022 19:25

Tgt Ion: 93 Resp: 948
Ion Ratio Lower Upper
93 100
63 8.8 60.0 90.0#
95 25.7 26.2 39.4#

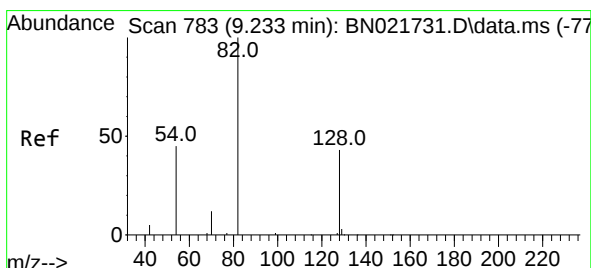
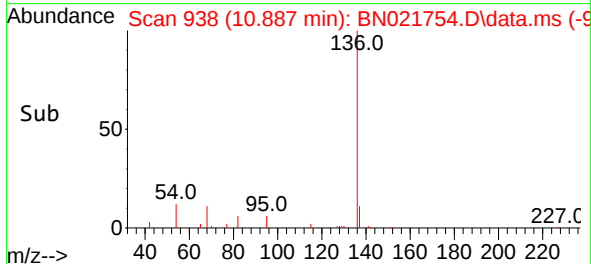
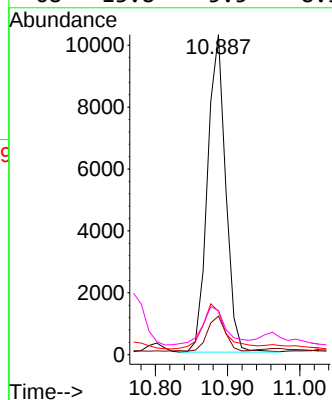
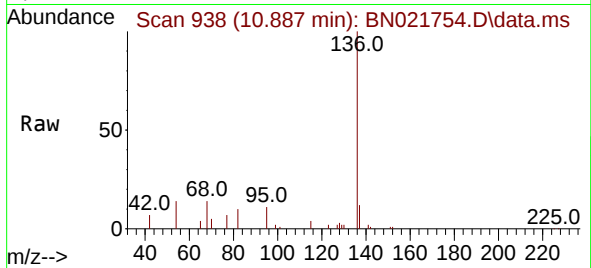




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.887 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN021754.D
Acq: 14 Sep 2022 19:25

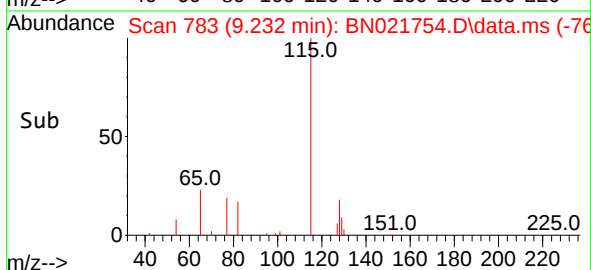
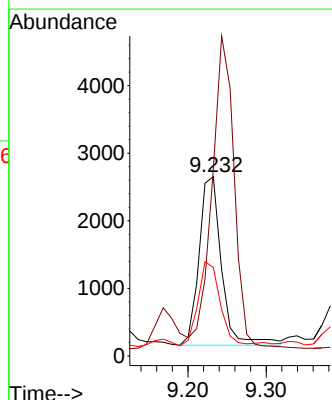
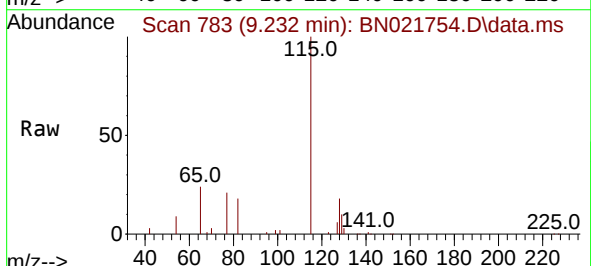
Instrument :
BNA_N
ClientSampleId :
MW-58

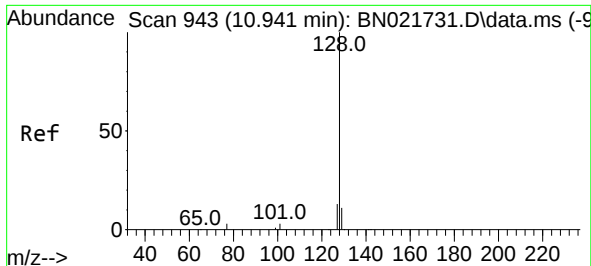
Tgt Ion:136	Resp:	17885
Ion Ratio	Lower	Upper
136	100	
137	12.1	9.1 13.7
54	13.5	6.4 9.6#
68	13.8	5.5 8.3#



#8
Nitrobenzene-d5
Concen: 0.339 ng
RT: 9.232 min Scan# 783
Delta R.T. -0.000 min
Lab File: BN021754.D
Acq: 14 Sep 2022 19:25

Tgt Ion: 82	Resp:	5006
Ion Ratio	Lower	Upper
82	100	
128	103.9	35.6 53.4#
54	49.3	37.8 56.8

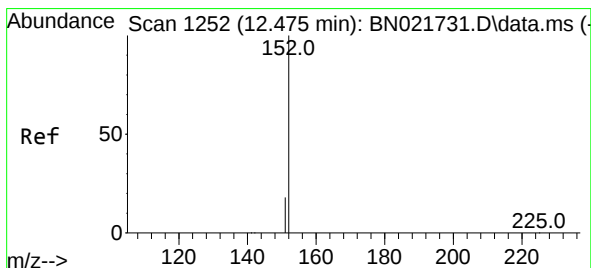
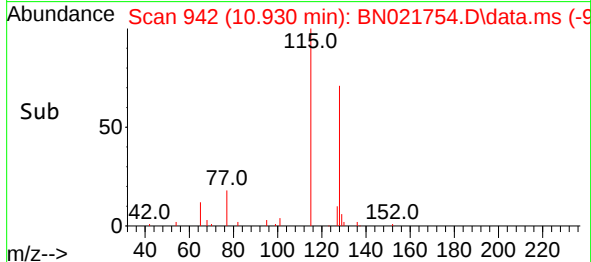
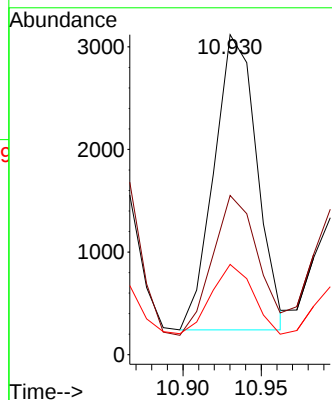
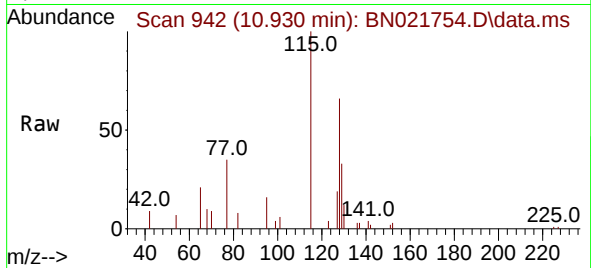




#9
Naphthalene
Concen: 0.104 ng
RT: 10.930 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN021754.D
Acq: 14 Sep 2022 19:25

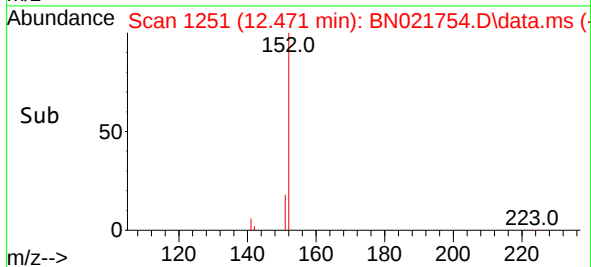
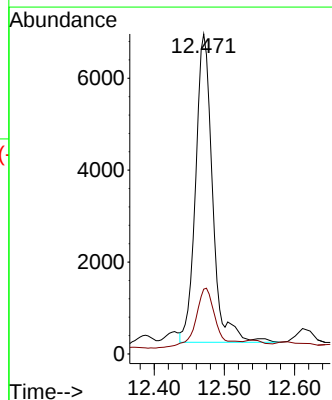
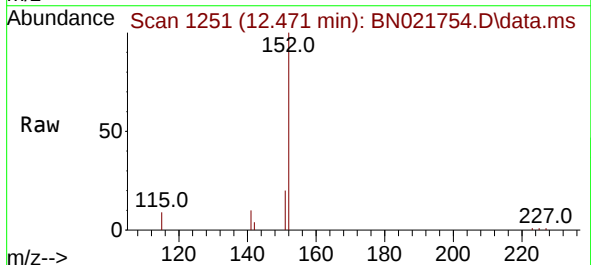
Instrument :
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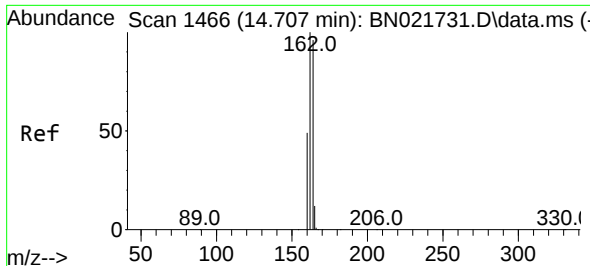
Tgt Ion:128 Resp: 5515
Ion Ratio Lower Upper
128 100
129 49.7 9.2 13.8#
127 28.2 10.5 15.7#



#11
2-Methylnaphthalene-d10
Concen: 0.364 ng
RT: 12.471 min Scan# 1251
Delta R.T. -0.004 min
Lab File: BN021754.D
Acq: 14 Sep 2022 19:25

Tgt Ion:152 Resp: 16444
Ion Ratio Lower Upper
152 100
151 17.5 15.6 23.4

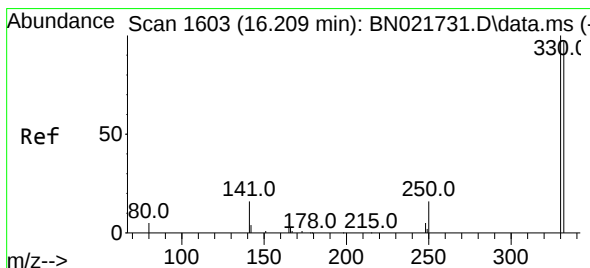
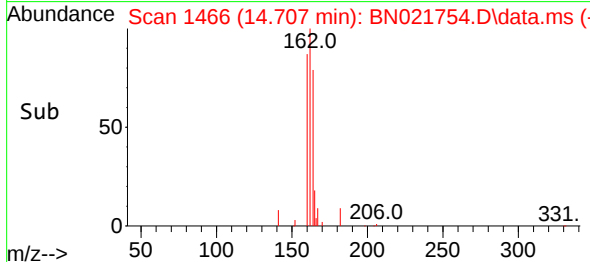
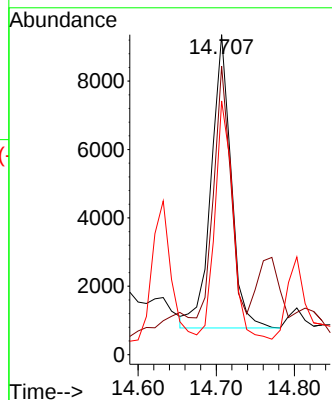
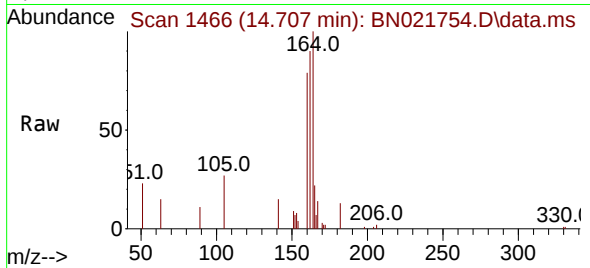




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BN021754.D
Acq: 14 Sep 2022 19:25

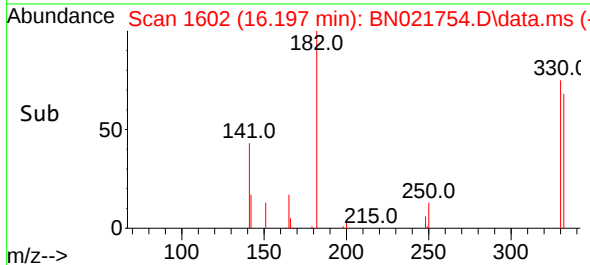
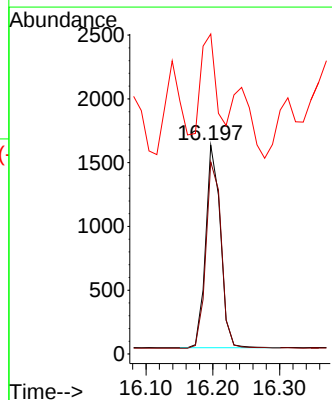
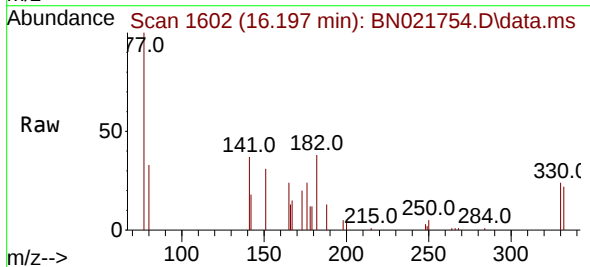
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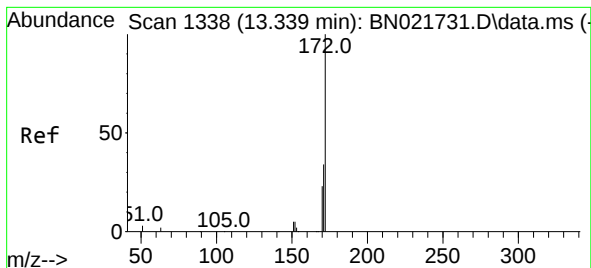
Tgt Ion:164 Resp: 15300
Ion Ratio Lower Upper
164 100
162 90.1 83.2 124.8
160 79.3 40.9 61.3#



#14
2,4,6-Tribromophenol
Concen: 0.349 ng
RT: 16.197 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BN021754.D
Acq: 14 Sep 2022 19:25

Tgt Ion:330 Resp: 2444
Ion Ratio Lower Upper
330 100
332 96.2 76.8 115.2
141 60.3 37.2 55.8#





#15

2-Fluorobiphenyl

Concen: 0.265 ng

RT: 13.338 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN021754.D

Acq: 14 Sep 2022 19:25

Instrument :

BNA_N

ClientSampleId :

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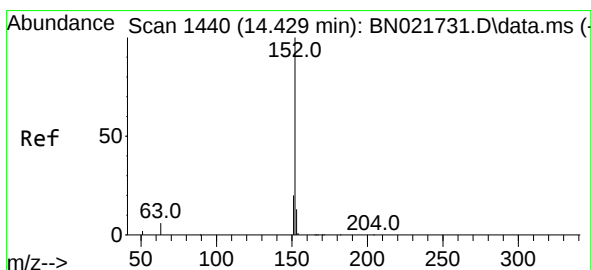
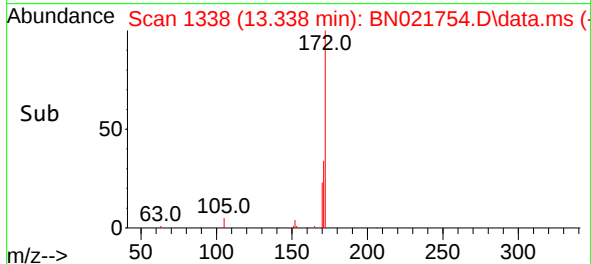
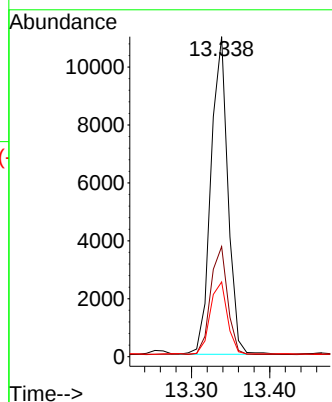
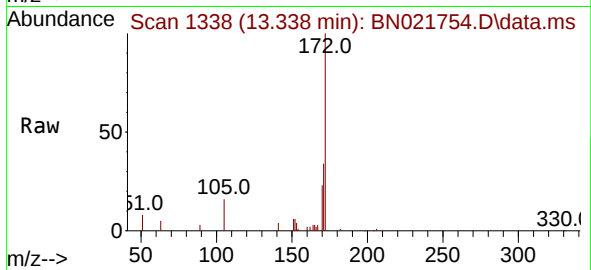
Tgt Ion:172 Resp: 16585

Ion Ratio Lower Upper

172 100

171 34.4 27.7 41.5

170 23.4 18.8 28.2



#16

Acenaphthylene

Concen: 0.149 ng

RT: 14.429 min Scan# 1440

Delta R.T. -0.000 min

Lab File: BN021754.D

Acq: 14 Sep 2022 19:25

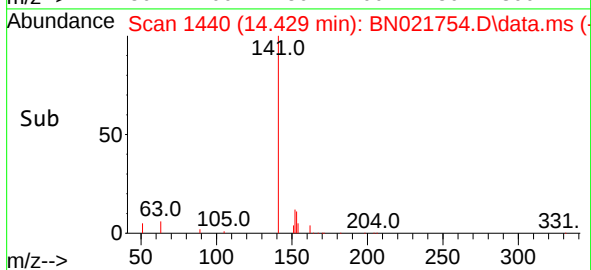
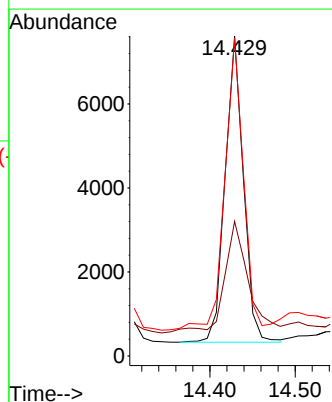
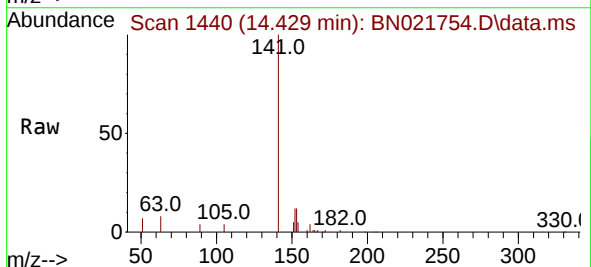
Tgt Ion:152 Resp: 10877

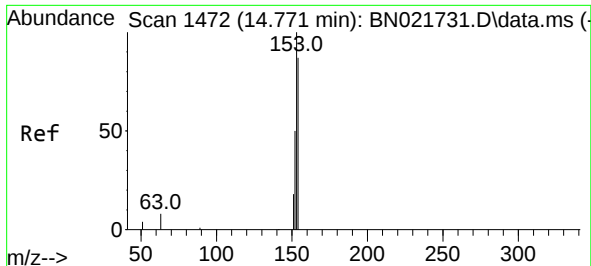
Ion Ratio Lower Upper

152 100

151 47.6 15.4 23.0#

153 97.5 10.3 15.5#

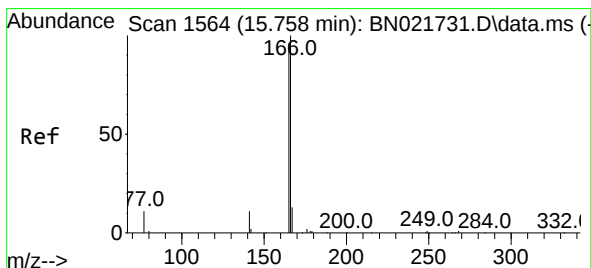
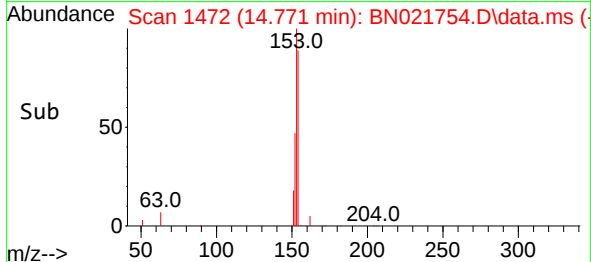
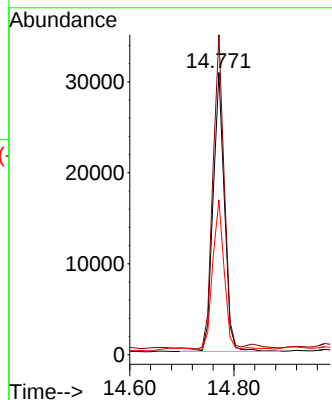
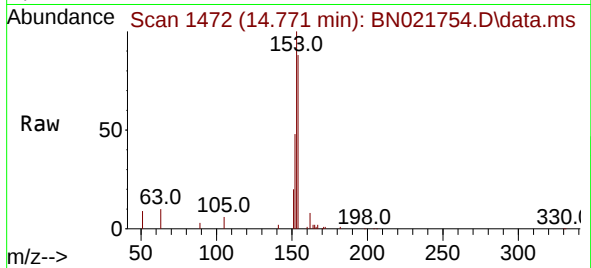




#17
Acenaphthene
Concen: 0.925 ng
RT: 14.771 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN021754.D
Acq: 14 Sep 2022 19:25

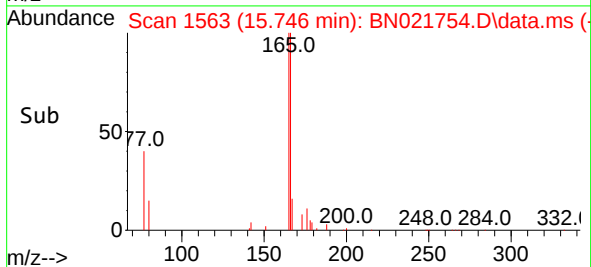
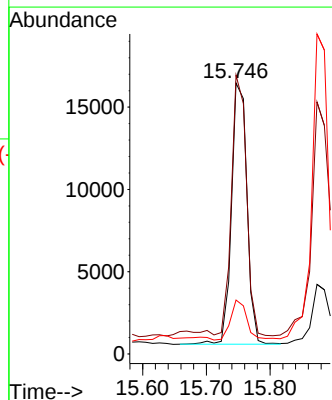
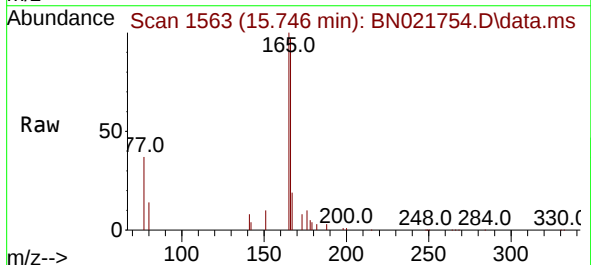
Instrument :
BNA_N
ClientSampleId :
MW-58

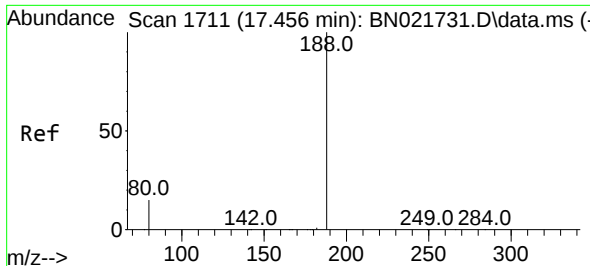
Tgt Ion:154 Resp: 46178
Ion Ratio Lower Upper
154 100
153 111.6 91.0 136.4
152 53.8 46.0 69.0



#18
Fluorene
Concen: 0.392 ng
RT: 15.746 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BN021754.D
Acq: 14 Sep 2022 19:25

Tgt Ion:166 Resp: 26040
Ion Ratio Lower Upper
166 100
165 99.3 79.4 119.0
167 16.3 10.6 15.8#

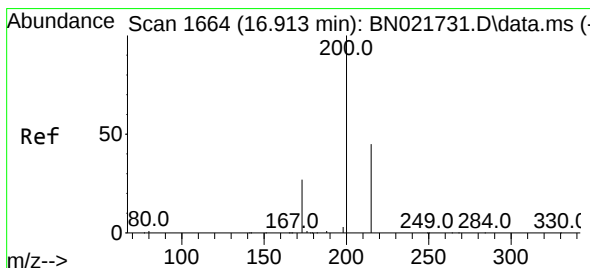
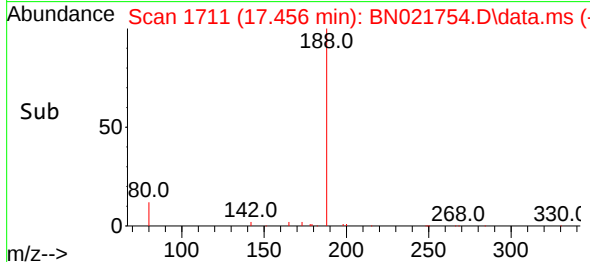
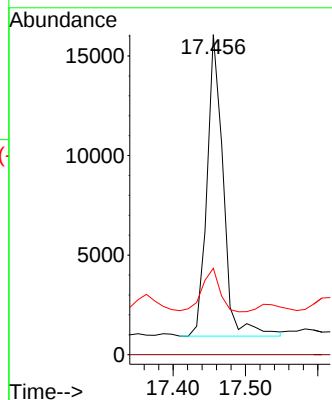
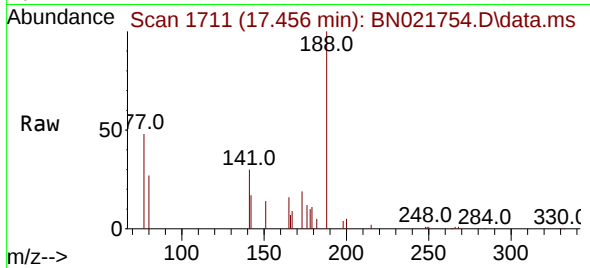




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.456 min Scan# 1711
Delta R.T. -0.000 min
Lab File: BN021754.D
Acq: 14 Sep 2022 19:25

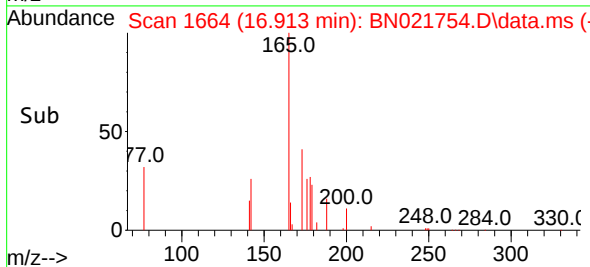
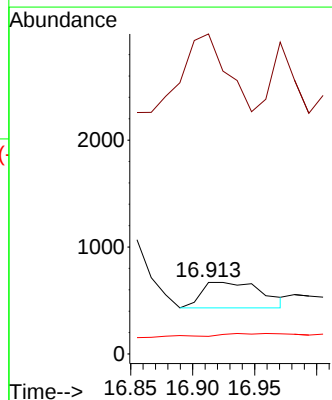
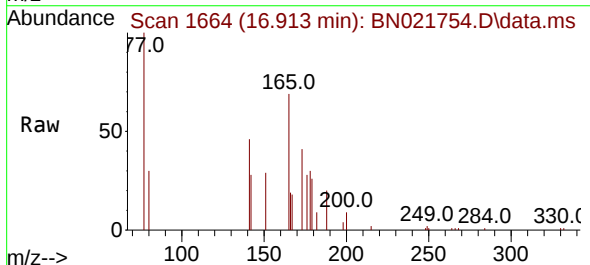
Instrument :
BNA_N
ClientSampleId :
MW-58

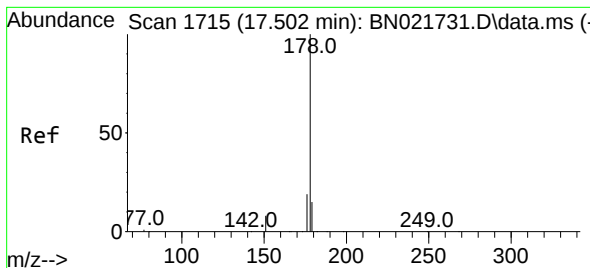
Tgt Ion:188 Resp: 23646
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 27.0 12.6 19.0#



#23
Atrazine
Concen: 0.068 ng
RT: 16.913 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BN021754.D
Acq: 14 Sep 2022 19:25

Tgt Ion:200 Resp: 816
Ion Ratio Lower Upper
200 100
173 447.4 22.9 34.3#
215 24.7 36.9 55.3#





#25

Phenanthrene

Concen: 0.077 ng

RT: 17.502 min Scan# 1715

Delta R.T. -0.000 min

Lab File: BN021754.D

Acq: 14 Sep 2022 19:25

Instrument :

BNA_N

ClientSampleId :

MW-58

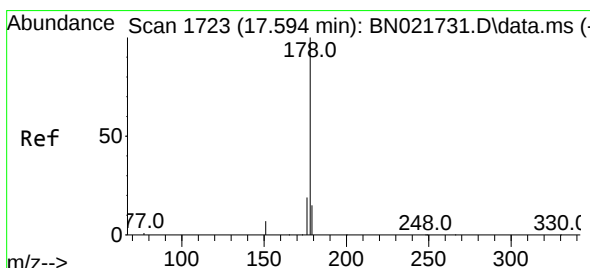
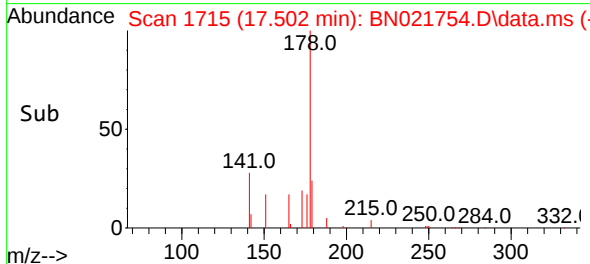
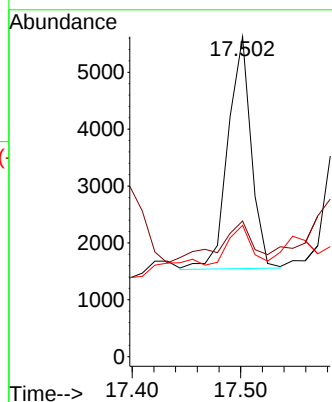
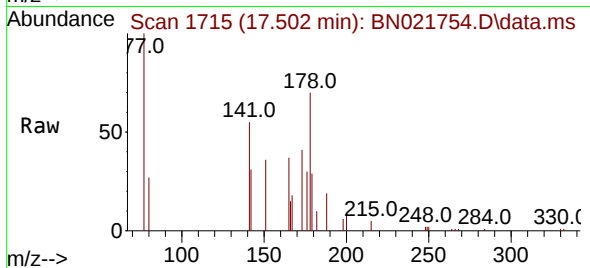
Tgt Ion:178 Resp: 6068

Ion Ratio Lower Upper

178 100

176 28.8 15.3 22.9#

179 44.3 12.2 18.4#



#26

Anthracene

Concen: 0.066 ng

RT: 17.594 min Scan# 1723

Delta R.T. -0.000 min

Lab File: BN021754.D

Acq: 14 Sep 2022 19:25

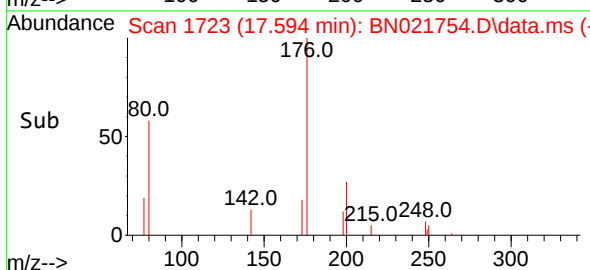
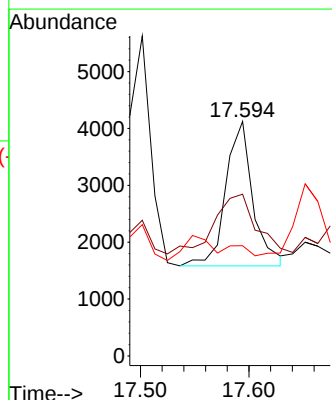
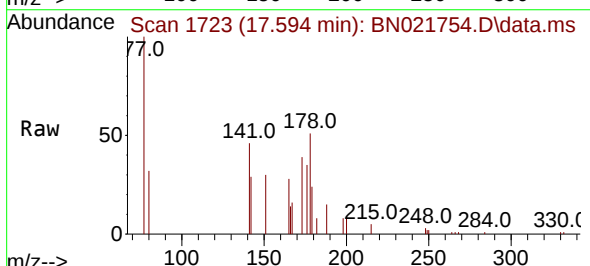
Tgt Ion:178 Resp: 4409

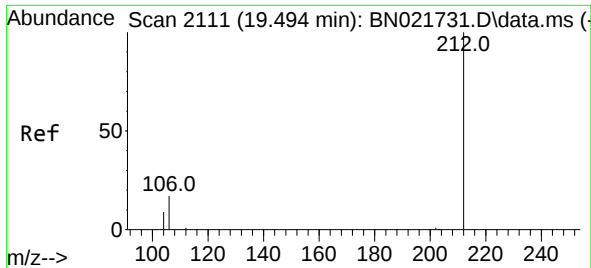
Ion Ratio Lower Upper

178 100

176 63.6 15.0 22.6#

179 0.0 12.2 18.2#

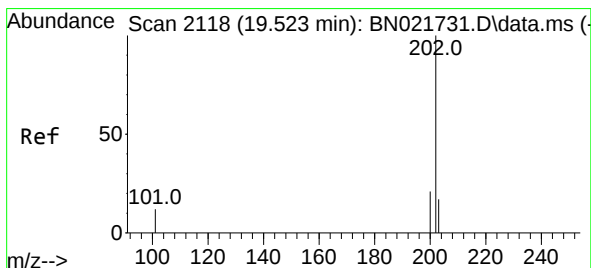
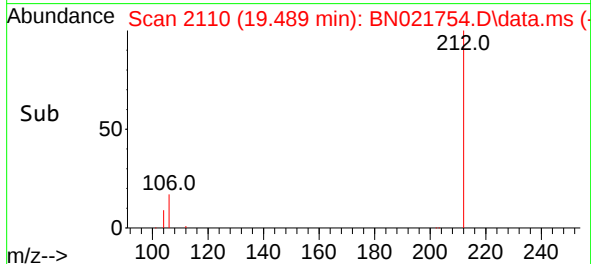
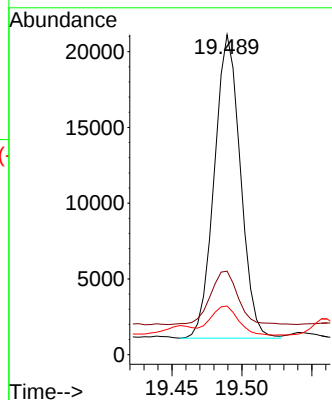
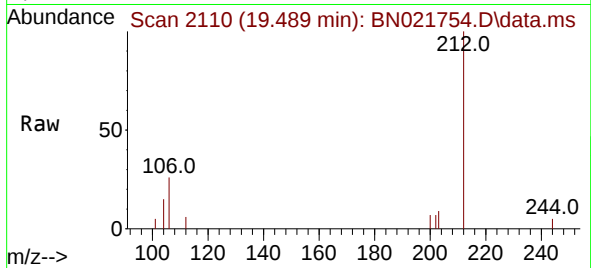




#27
Fluoranthene-d10
Concen: 0.408 ng
RT: 19.489 min Scan# 2110
Delta R.T. -0.004 min
Lab File: BN021754.D
Acq: 14 Sep 2022 19:25

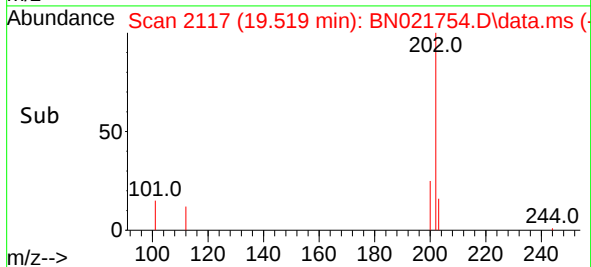
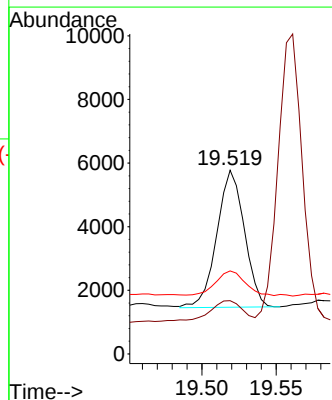
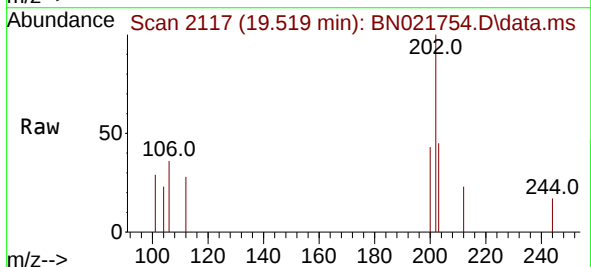
Instrument :
BNA_N
ClientSampleId :
MW-58

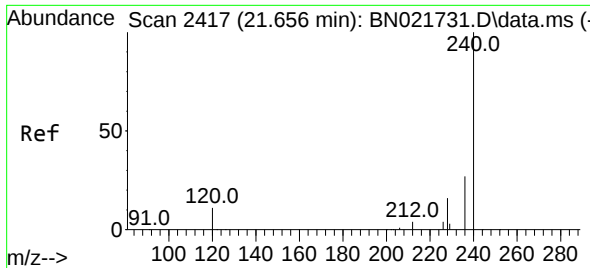
Tgt Ion:212 Resp: 25971
Ion Ratio Lower Upper
212 100
106 18.9 14.3 21.5
104 10.1 8.0 12.0



#28
Fluoranthene
Concen: 0.065 ng
RT: 19.519 min Scan# 2117
Delta R.T. -0.004 min
Lab File: BN021754.D
Acq: 14 Sep 2022 19:25

Tgt Ion:202 Resp: 5549
Ion Ratio Lower Upper
202 100
101 20.9 11.0 16.4#
203 18.9 13.7 20.5

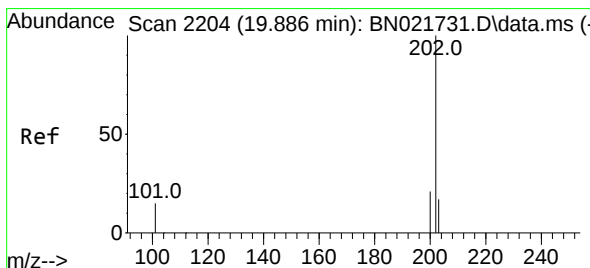
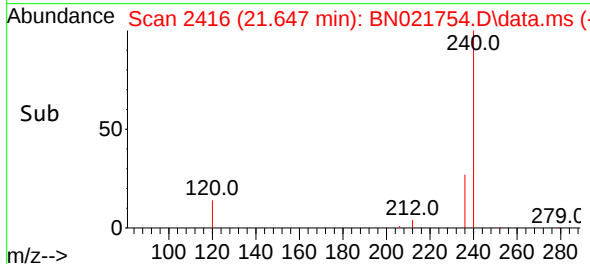
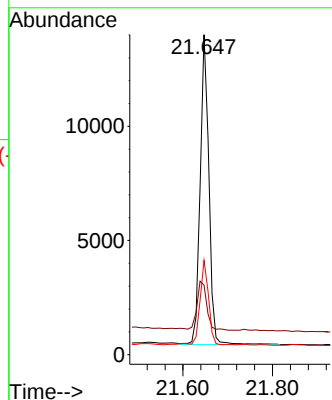
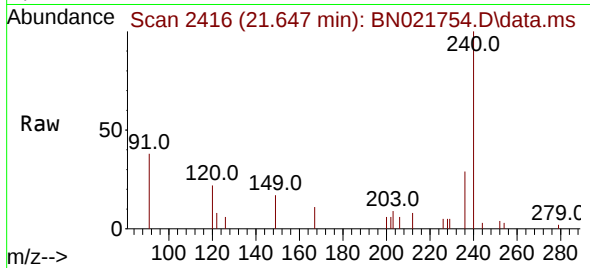




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.647 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BN021754.D
Acq: 14 Sep 2022 19:25

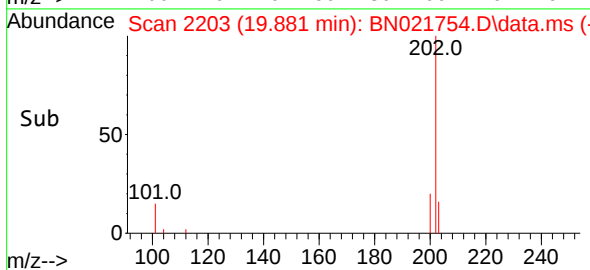
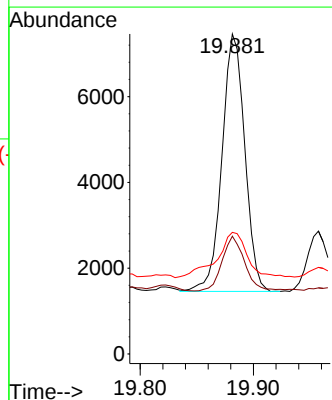
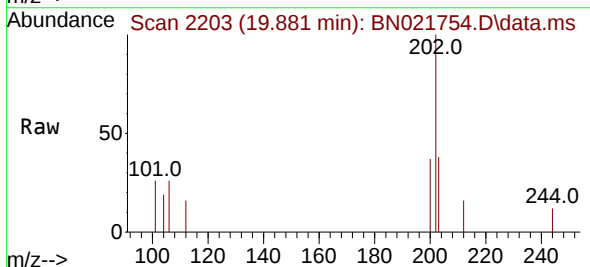
Instrument :
BNA_N
ClientSampleId :
MW-58

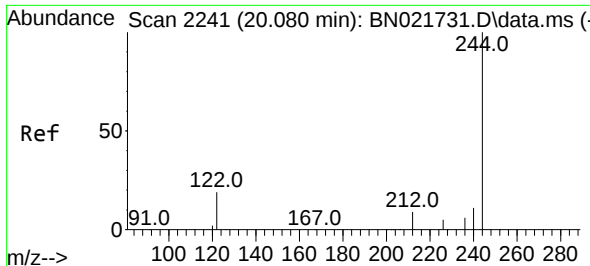
Tgt Ion:240 Resp: 18317
Ion Ratio Lower Upper
240 100
120 21.8 9.8 14.8#
236 29.5 22.2 33.4



#30
Pyrene
Concen: 0.092 ng
RT: 19.881 min Scan# 2203
Delta R.T. -0.004 min
Lab File: BN021754.D
Acq: 14 Sep 2022 19:25

Tgt Ion:202 Resp: 8388
Ion Ratio Lower Upper
202 100
200 21.9 15.0 22.4
203 23.7 12.8 19.2#

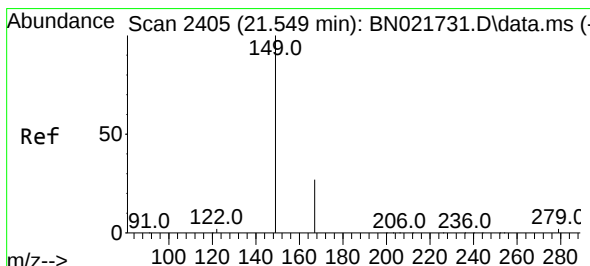
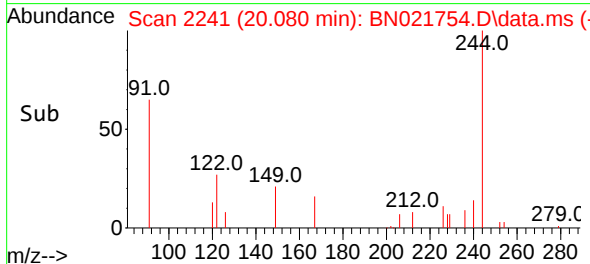
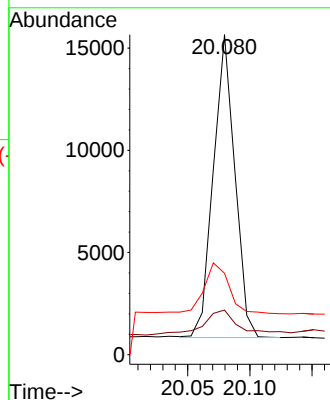
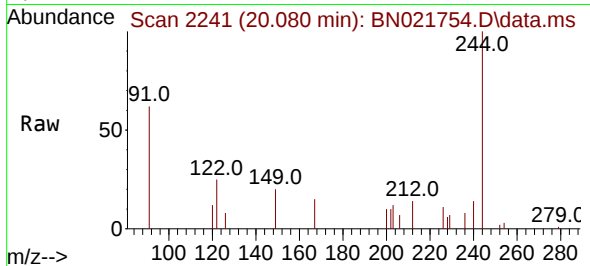




#31
 Terphenyl-d14
 Concen: 0.426 ng
 RT: 20.080 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN021754.D
 Acq: 14 Sep 2022 19:25

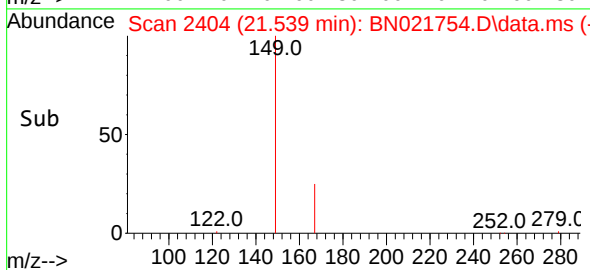
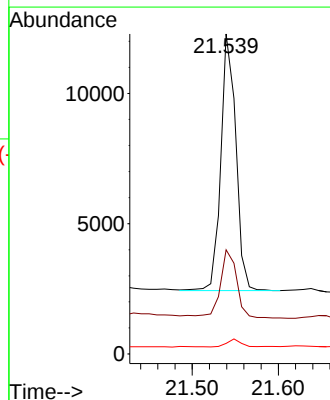
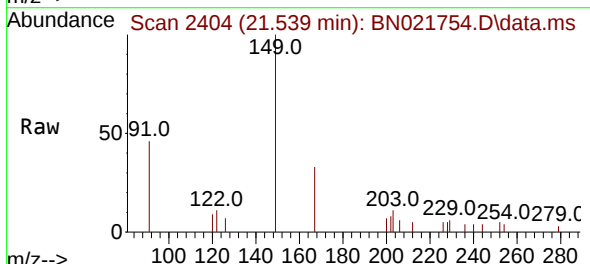
Instrument :
 BNA_N
 ClientSampleId :
 MW-58

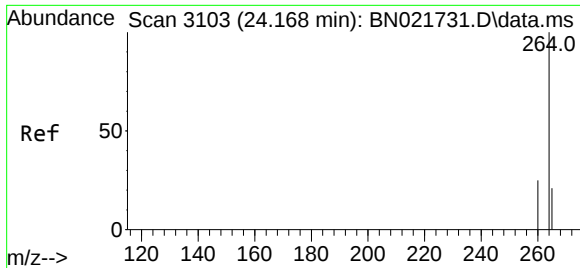
Tgt Ion:244 Resp: 17857
 Ion Ratio Lower Upper
 244 100
 212 13.9 7.9 11.9#
 122 25.5 15.8 23.8#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.253 ng
 RT: 21.539 min Scan# 2404
 Delta R.T. -0.009 min
 Lab File: BN021754.D
 Acq: 14 Sep 2022 19:25

Tgt Ion:149 Resp: 11862
 Ion Ratio Lower Upper
 149 100
 167 28.8 20.8 31.2
 279 2.8 2.1 3.1





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.156 min Scan# 30

Delta R.T. -0.012 min

Lab File: BN021754.D

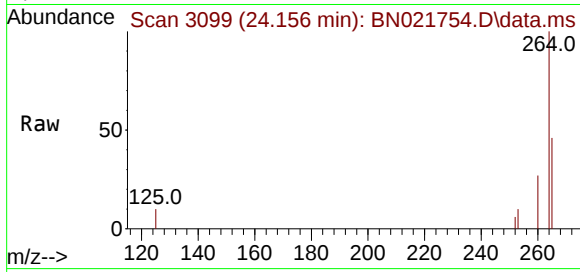
Acq: 14 Sep 2022 19:25

Instrument :

BNA_N

ClientSampleId :

MW-58



Tgt Ion:264 Resp: 14449

Ion Ratio Lower Upper

264 100

260 27.1 20.6 31.0

265 46.4 34.4 51.6

