

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
 Data File : BN021764.D
 Acq On : 15 Sep 2022 02:13
 Operator : CG/JU
 Sample : N4549-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-47

Quant Time: Sep 15 02:57:50 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)

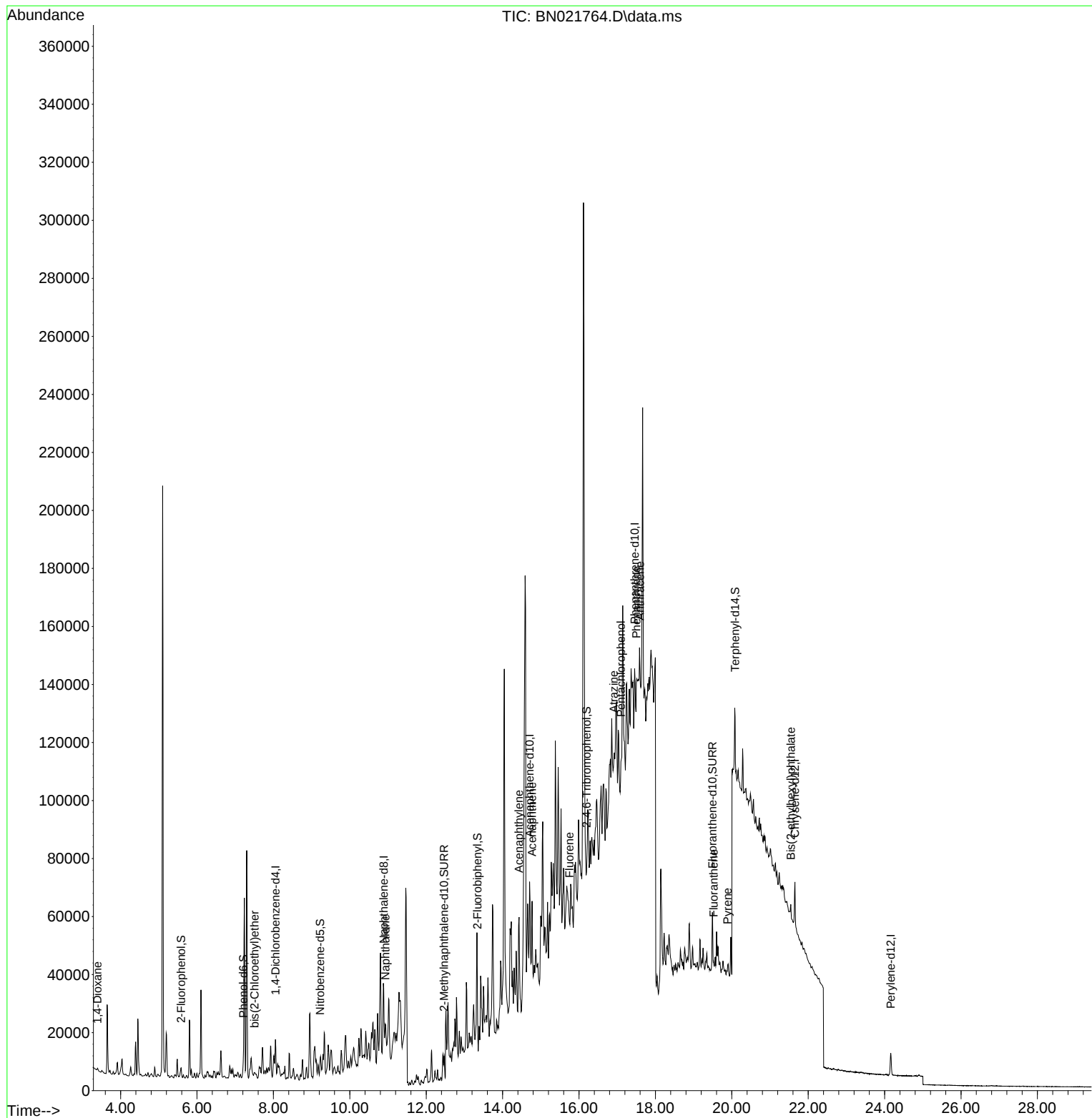
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.054	152	5251	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	18156	0.400	ng	# 0.00
13) Acenaphthene-d10	14.707	164	18413	0.400	ng	# 0.00
19) Phenanthrene-d10	17.456	188	21503	0.400	ng	# 0.00
29) Chrysene-d12	21.652	240	14574	0.400	ng	# 0.00
35) Perylene-d12	24.158	264	10579	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	4087	0.298	ng	0.00
5) Phenol-d6	7.209	99	2199	0.126	ng	0.00
8) Nitrobenzene-d5	9.222	82	5014	0.334	ng	-0.01
11) 2-Methylnaphthalene-d10	12.471	152	13638	0.298	ng	0.00
14) 2,4,6-Tribromophenol	16.197	330	2354	0.280	ng	-0.01
15) 2-Fluorobiphenyl	13.339	172	19567	0.260	ng	0.00
27) Fluoranthene-d10	19.494	212	22997	0.397	ng	0.00
31) Terphenyl-d14	20.084	244	18343	0.551	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.396	88	256	0.038	ng	# 1
6) bis(2-Chloroethyl)ether	7.505	93	632	0.037	ng	# 28
9) Naphthalene	10.930	128	3731	0.070	ng	# 13
16) Acenaphthylene	14.429	152	3967	0.045	ng	# 1
17) Acenaphthene	14.771	154	11761	0.196	ng	92
18) Fluorene	15.747	166	4150	0.052	ng	# 8
23) Atrazine	16.913	200	1689	0.154	ng	# 1
24) Pentachlorophenol	17.098	266	143	0.026	ng	# 19
25) Phenanthrene	17.502	178	4071	0.056	ng	# 60
26) Anthracene	17.594	178	4081	0.067	ng	# 1
28) Fluoranthene	19.523	202	3072	0.040	ng	# 75
30) Pyrene	19.886	202	2700	0.037	ng	# 74
34) Bis(2-ethylhexyl)phtha...	21.544	149	3775	0.101	ng	# 41

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

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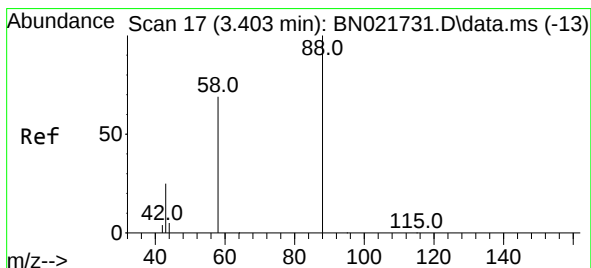
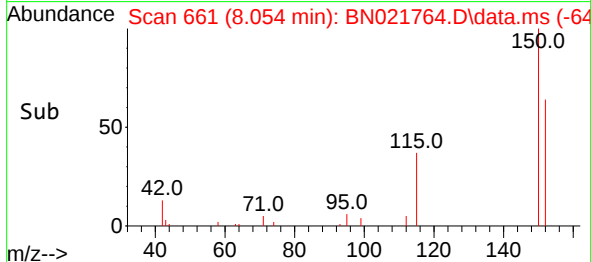
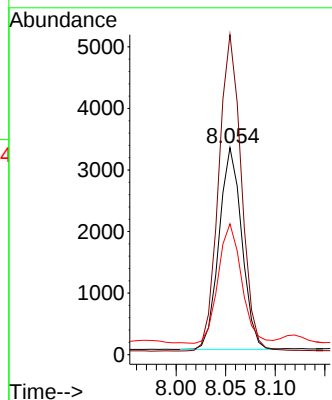
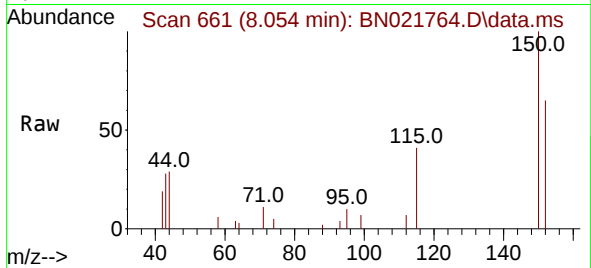




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.054 min Scan# 6
 Delta R.T. -0.008 min
 Lab File: BN021764.D
 Acq: 15 Sep 2022 02:13

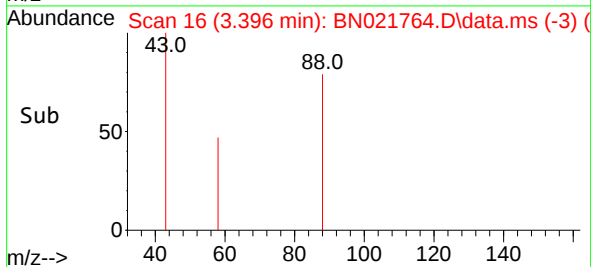
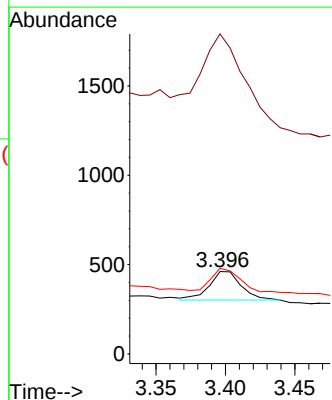
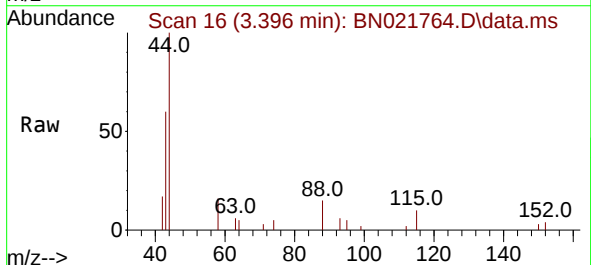
Instrument :
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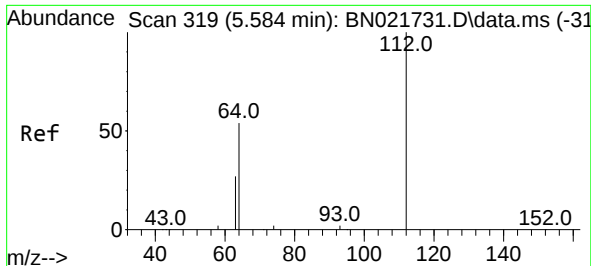
Tgt Ion:152 Resp: 5251
 Ion Ratio Lower Upper
 152 100
 150 154.5 121.8 182.8
 115 63.2 48.3 72.5



#2
 1,4-Dioxane
 Concen: 0.038 ng
 RT: 3.396 min Scan# 16
 Delta R.T. -0.007 min
 Lab File: BN021764.D
 Acq: 15 Sep 2022 02:13

Tgt Ion: 88 Resp: 256
 Ion Ratio Lower Upper
 88 100
 43 441.0 24.2 36.2#
 58 75.4 60.2 90.4

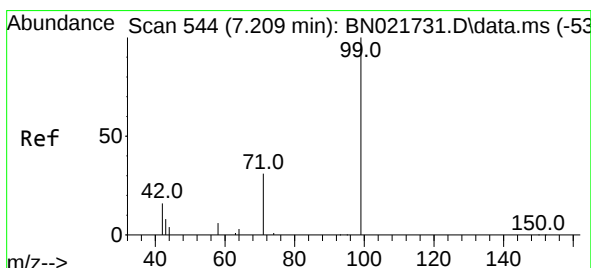
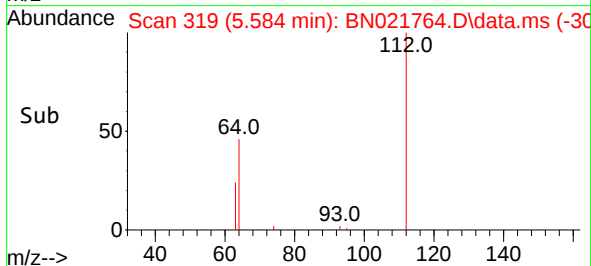
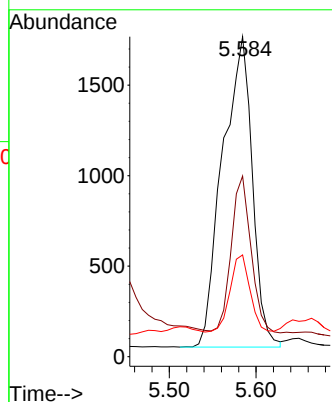
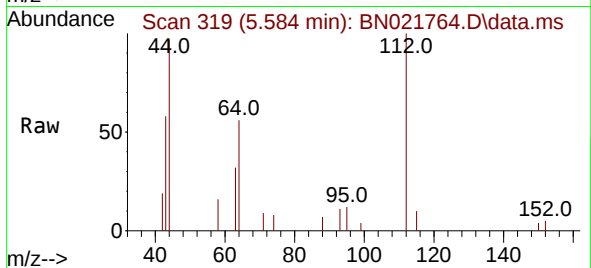




#4
2-Fluorophenol
Concen: 0.298 ng
RT: 5.584 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN021764.D
Acq: 15 Sep 2022 02:13

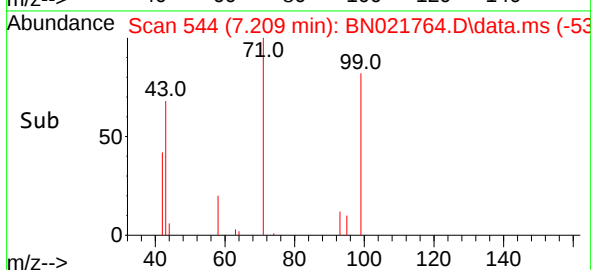
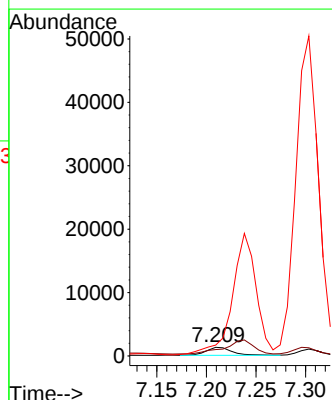
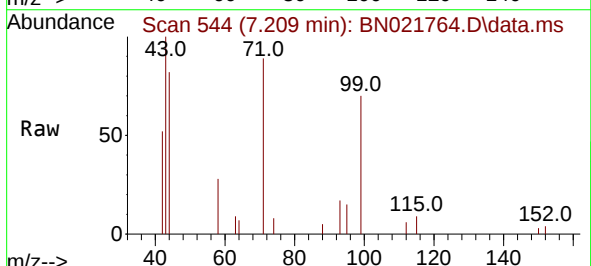
Instrument :
BNA_N
ClientSampleId :
MW-47

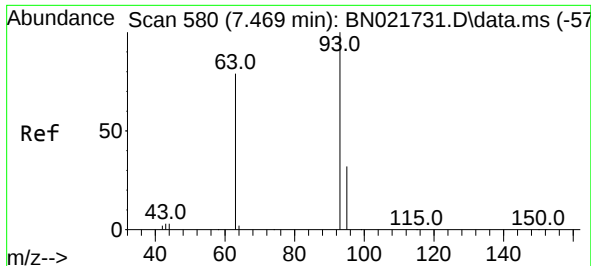
Tgt Ion:112 Resp: 4087
Ion Ratio Lower Upper
112 100
64 33.5 45.4 68.2#
63 16.7 23.3 34.9#



#5
Phenol-d6
Concen: 0.126 ng
RT: 7.209 min Scan# 544
Delta R.T. -0.000 min
Lab File: BN021764.D
Acq: 15 Sep 2022 02:13

Tgt Ion: 99 Resp: 2199
Ion Ratio Lower Upper
99 100
42 0.0 15.1 22.7#
71 0.0 25.3 37.9#

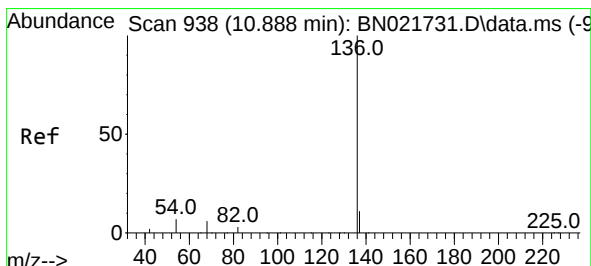
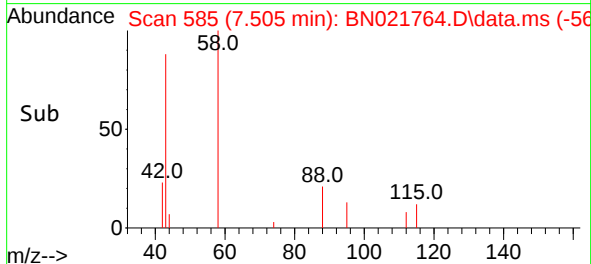
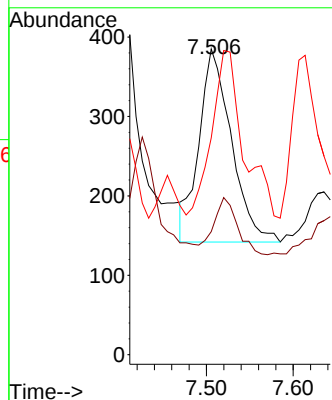
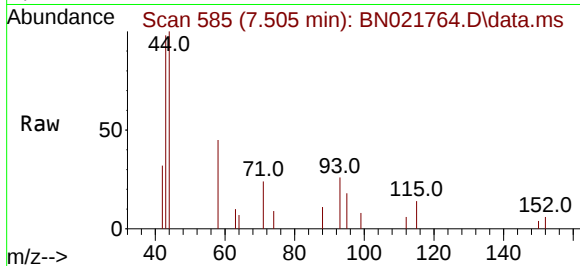




#6
bis(2-Chloroethyl)ether
Concen: 0.037 ng
RT: 7.505 min Scan# 51
Delta R.T. 0.036 min
Lab File: BN021764.D
Acq: 15 Sep 2022 02:13

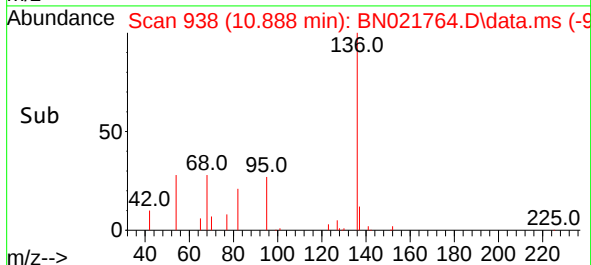
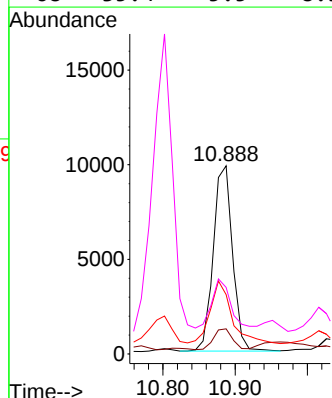
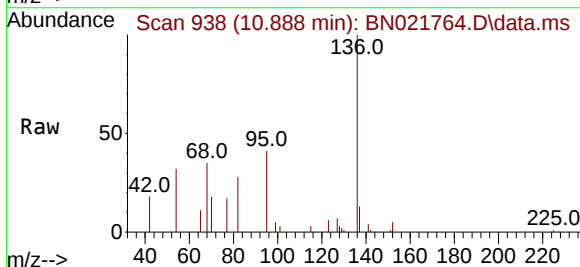
Instrument :
BNA_N
ClientSampleId :
MW-47

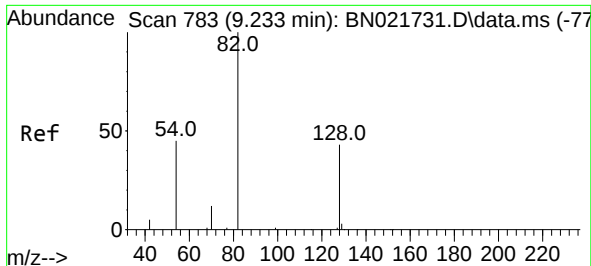
Tgt Ion: 93 Resp: 632
Ion Ratio Lower Upper
93 100
63 21.5 60.0 90.0#
95 84.8 26.2 39.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 938
Delta R.T. -0.000 min
Lab File: BN021764.D
Acq: 15 Sep 2022 02:13

Tgt Ion: 136 Resp: 18156
Ion Ratio Lower Upper
136 100
137 13.3 9.1 13.7
54 31.6 6.4 9.6#
68 35.4 5.5 8.3#

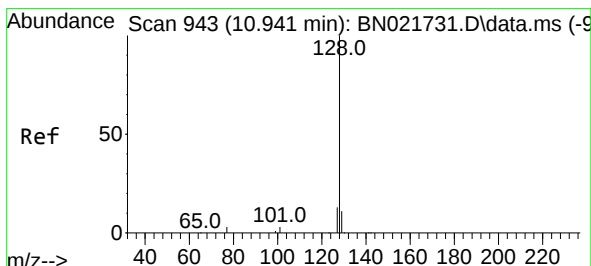
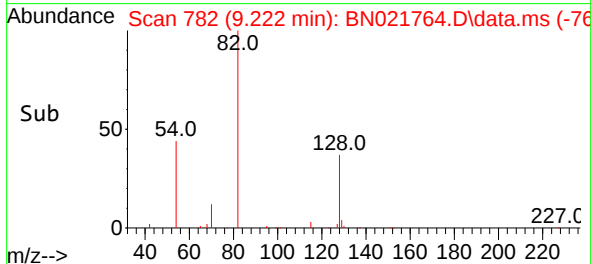
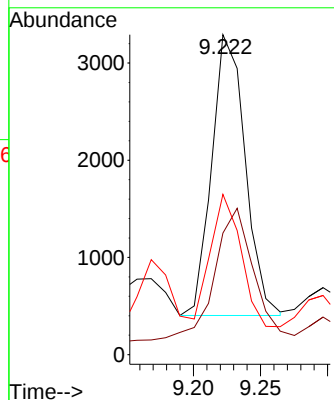
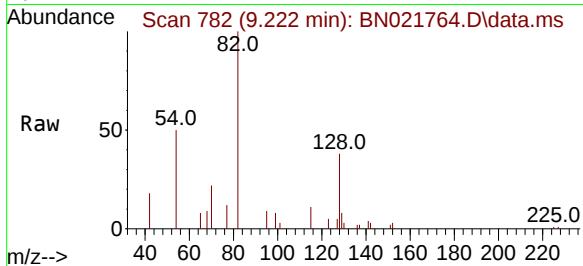




#8
 Nitrobenzene-d5
 Concen: 0.334 ng
 RT: 9.222 min Scan# 782
 Delta R.T. -0.011 min
 Lab File: BN021764.D
 Acq: 15 Sep 2022 02:13

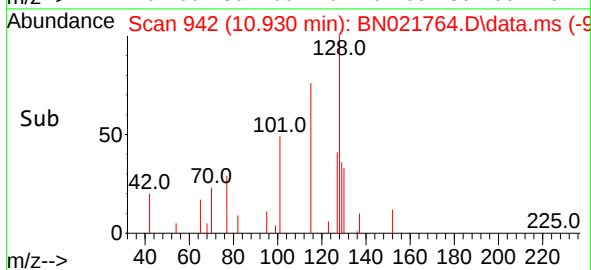
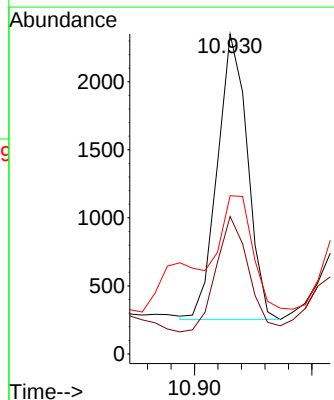
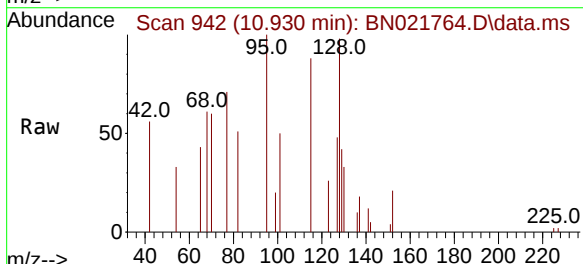
Instrument :
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 ClientSampleId :
 MW-47

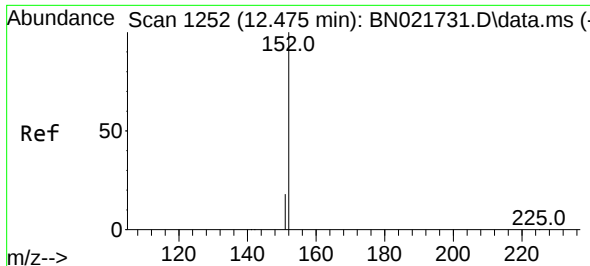
Tgt Ion: 82 Resp: 5014
 Ion Ratio Lower Upper
 82 100
 128 38.0 35.6 53.4
 54 50.1 37.8 56.8



#9
 Naphthalene
 Concen: 0.070 ng
 RT: 10.930 min Scan# 942
 Delta R.T. -0.011 min
 Lab File: BN021764.D
 Acq: 15 Sep 2022 02:13

Tgt Ion: 128 Resp: 3731
 Ion Ratio Lower Upper
 128 100
 129 42.9 9.2 13.8#
 127 49.4 10.5 15.7#





#11

2-Methylnaphthalene-d10

Concen: 0.298 ng

RT: 12.471 min Scan# 1

Delta R.T. -0.004 min

Lab File: BN021764.D

Acq: 15 Sep 2022 02:13

Instrument :

BNA_N

ClientSampleId :

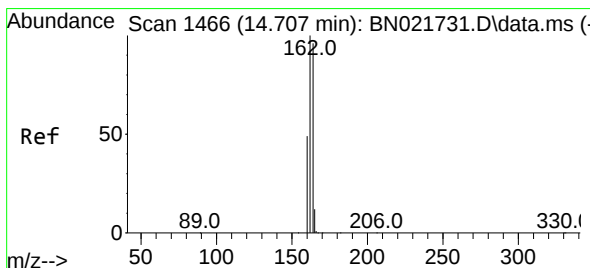
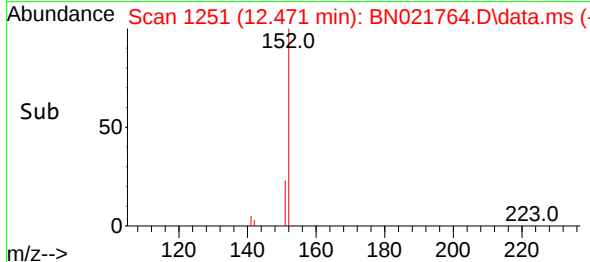
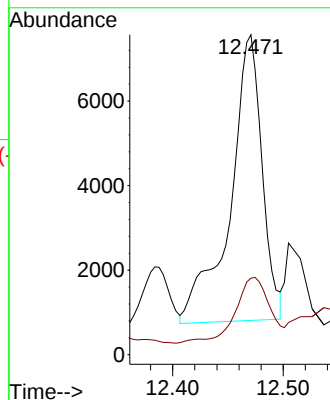
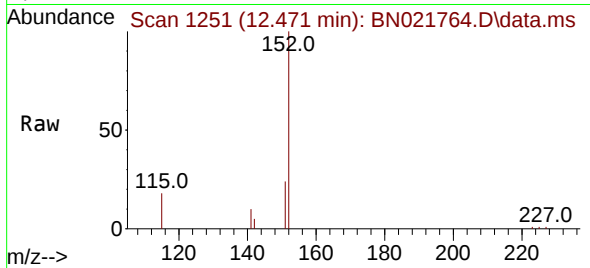
MW-47

Tgt Ion:152 Resp: 13638

Ion Ratio Lower Upper

152 100

151 25.0 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: BN021764.D

Acq: 15 Sep 2022 02:13

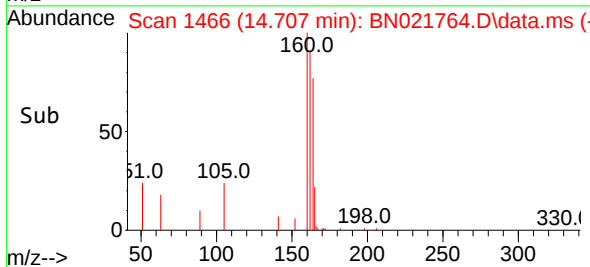
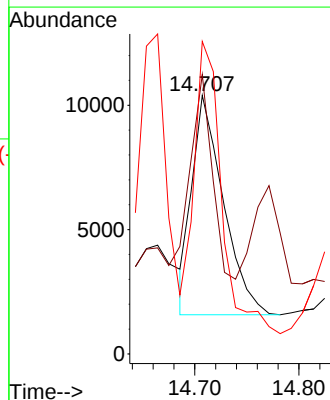
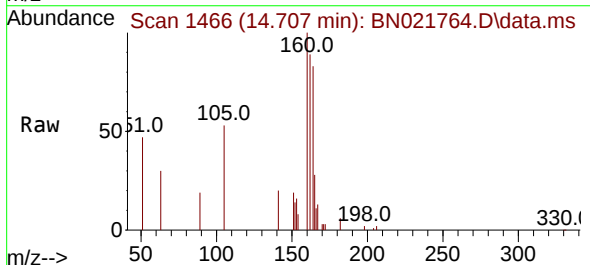
Tgt Ion:164 Resp: 18413

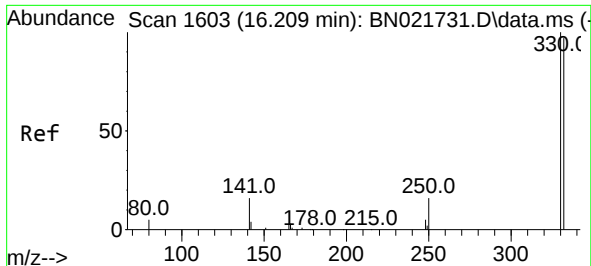
Ion Ratio Lower Upper

164 100

162 108.1 83.2 124.8

160 120.9 40.9 61.3#

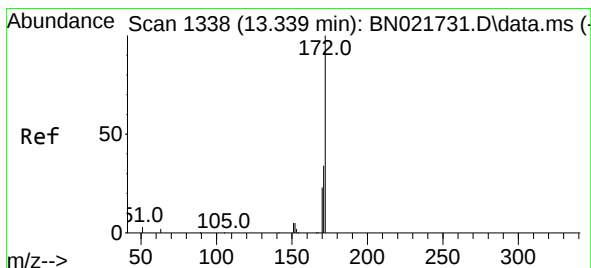
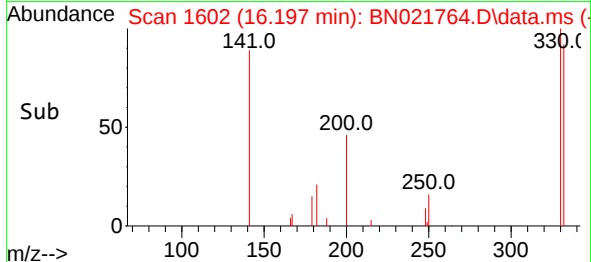
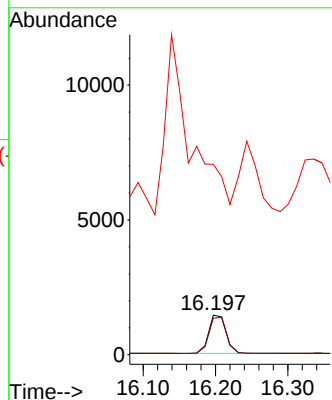
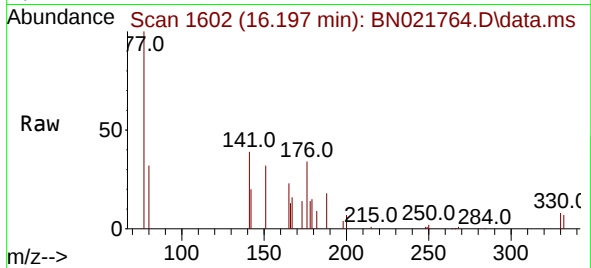




#14
2,4,6-Tribromophenol
Concen: 0.280 ng
RT: 16.197 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BN021764.D
Acq: 15 Sep 2022 02:13

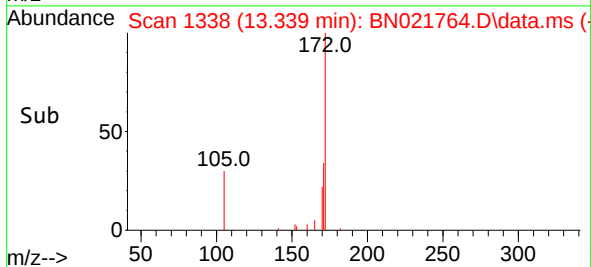
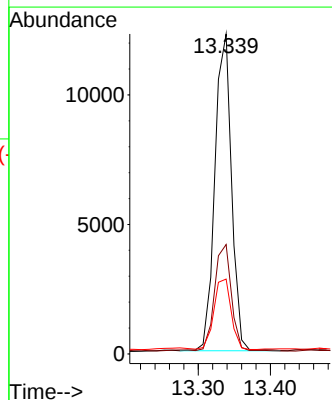
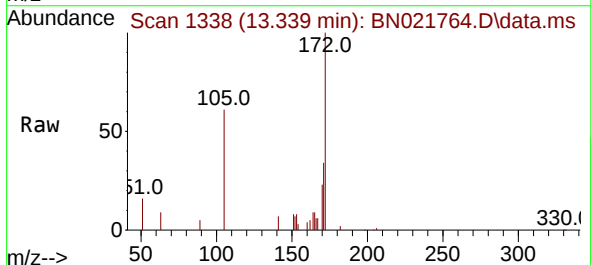
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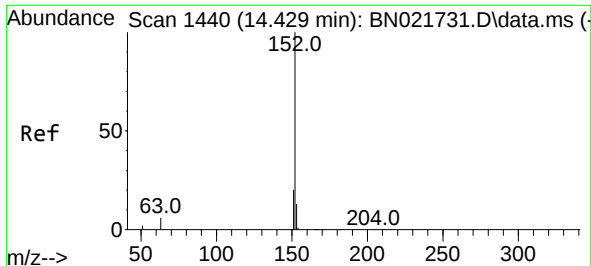
Tgt Ion:330 Resp: 2354
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 0.0 37.2 55.8#



#15
2-Fluorobiphenyl
Concen: 0.260 ng
RT: 13.339 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BN021764.D
Acq: 15 Sep 2022 02:13

Tgt Ion:172 Resp: 19567
Ion Ratio Lower Upper
172 100
171 34.2 27.7 41.5
170 23.4 18.8 28.2

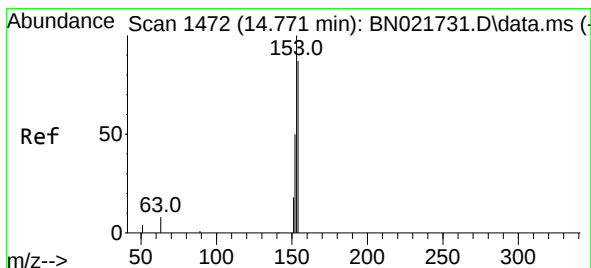
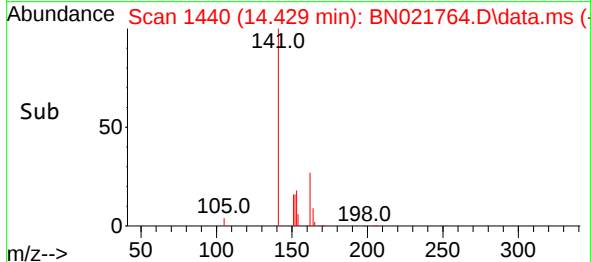
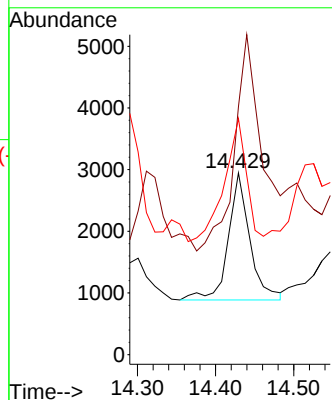
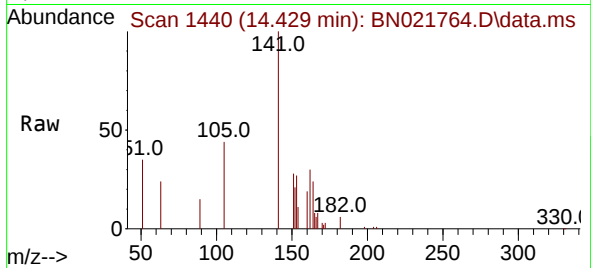




#16
Acenaphthylene
Concen: 0.045 ng
RT: 14.429 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BN021764.D
Acq: 15 Sep 2022 02:13

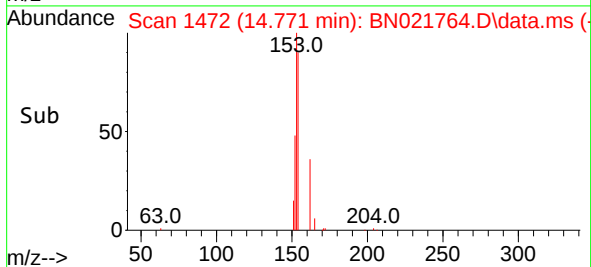
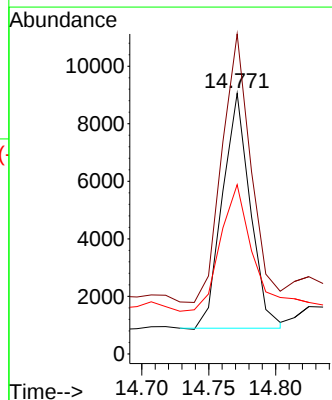
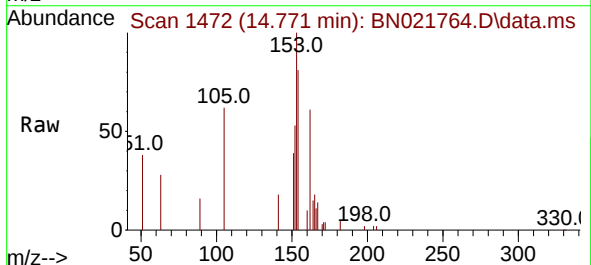
Instrument :
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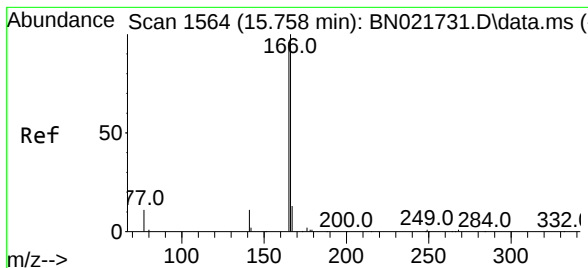
Tgt Ion:152 Resp: 3967
Ion Ratio Lower Upper
152 100
151 215.9 15.4 23.0#
153 98.9 10.3 15.5#



#17
Acenaphthene
Concen: 0.196 ng
RT: 14.771 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN021764.D
Acq: 15 Sep 2022 02:13

Tgt Ion:154 Resp: 11761
Ion Ratio Lower Upper
154 100
153 118.7 91.0 136.4
152 68.4 46.0 69.0





#18

Fluorene

Concen: 0.052 ng

RT: 15.747 min Scan# 1563

Delta R.T. -0.012 min

Lab File: BN021764.D

Acq: 15 Sep 2022 02:13

Instrument :

BNA_N

ClientSampleId :

MW-47

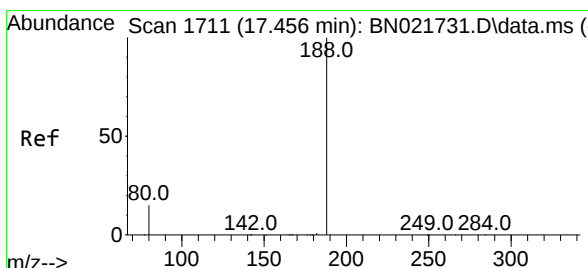
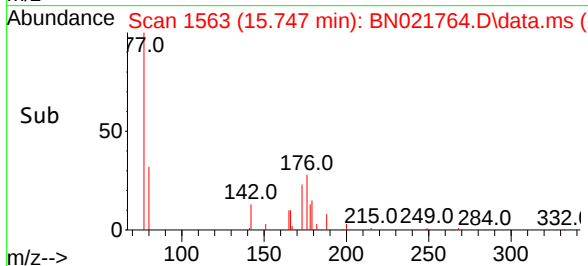
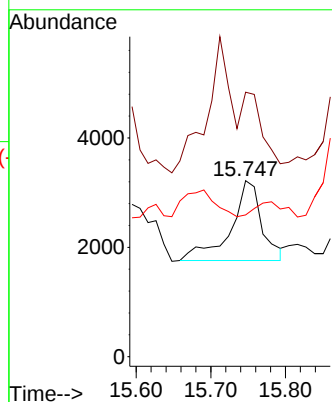
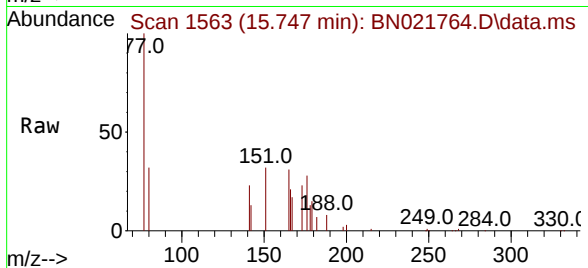
Tgt Ion:166 Resp: 4150

Ion Ratio Lower Upper

166 100

165 0.0 79.4 119.0#

167 0.0 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: BN021764.D

Acq: 15 Sep 2022 02:13

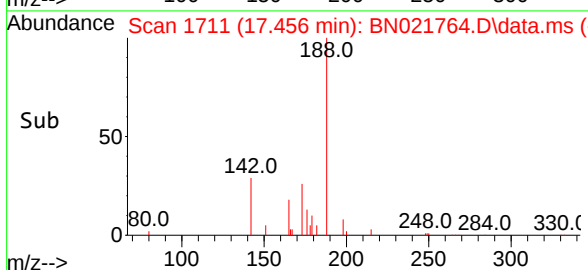
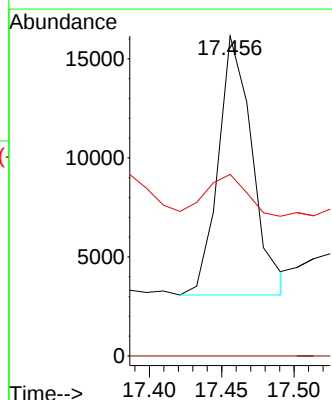
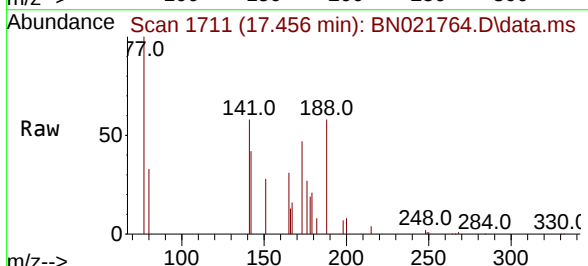
Tgt Ion:188 Resp: 21503

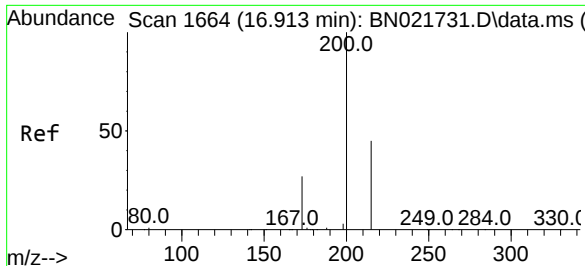
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 56.8 12.6 19.0#

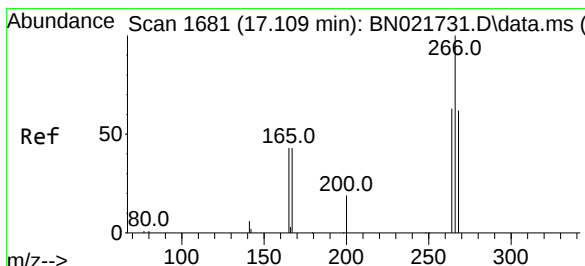
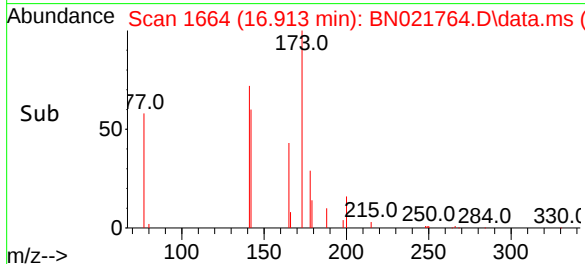
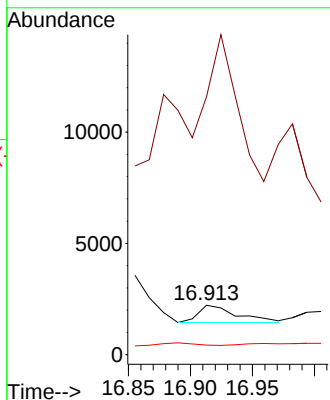
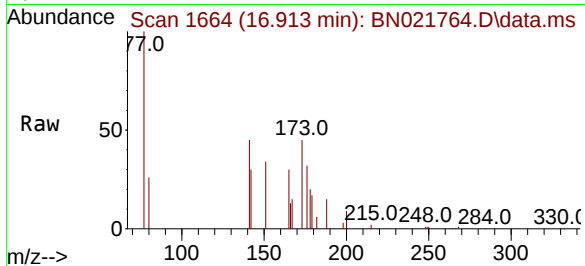




#23
 Atrazine
 Concen: 0.154 ng
 RT: 16.913 min Scan# 1689
 Delta R.T. -0.000 min
 Lab File: BN021764.D
 Acq: 15 Sep 2022 02:13

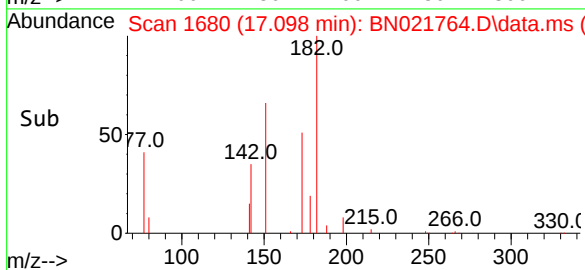
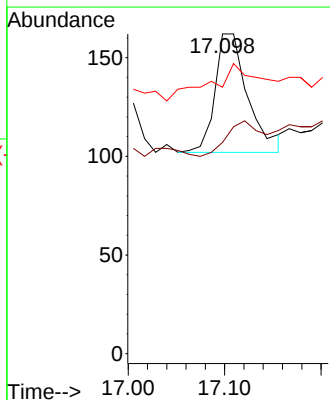
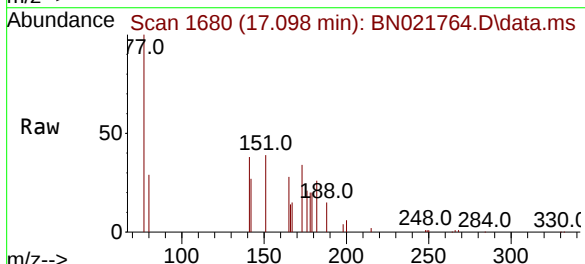
Instrument :
 BNA_N
 ClientSampleId :
 MW-47

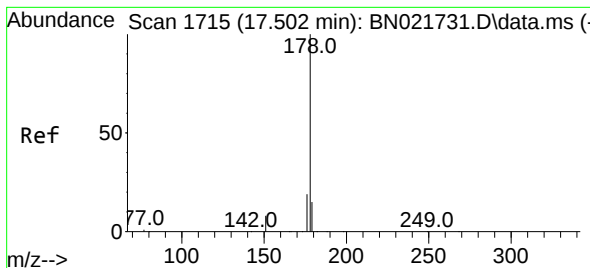
Tgt Ion:200 Resp: 1689
 Ion Ratio Lower Upper
 200 100
 173 521.6 22.9 34.3#
 215 19.6 36.9 55.3#



#24
 Pentachlorophenol
 Concen: 0.026 ng
 RT: 17.098 min Scan# 1680
 Delta R.T. -0.012 min
 Lab File: BN021764.D
 Acq: 15 Sep 2022 02:13

Tgt Ion:266 Resp: 143
 Ion Ratio Lower Upper
 266 100
 264 0.0 50.0 75.0#
 268 0.0 50.2 75.2#





#25

Phenanthrene

Concen: 0.056 ng

RT: 17.502 min Scan# 1715

Delta R.T. -0.000 min

Lab File: BN021764.D

Acq: 15 Sep 2022 02:13

Instrument :

BNA_N

ClientSampleId :

MW-47

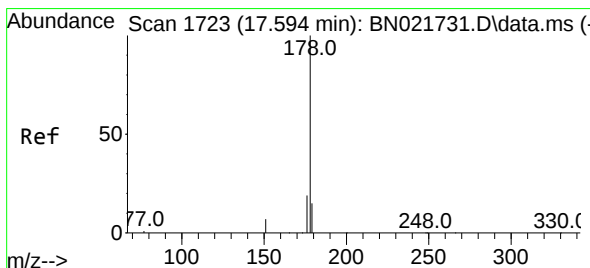
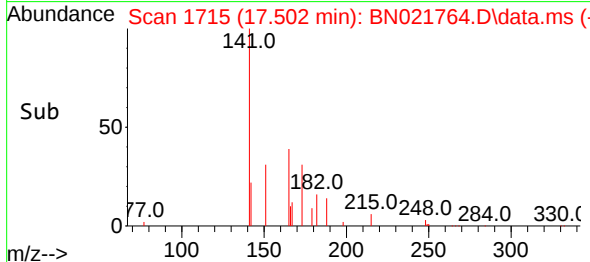
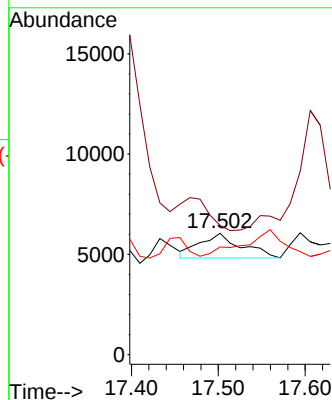
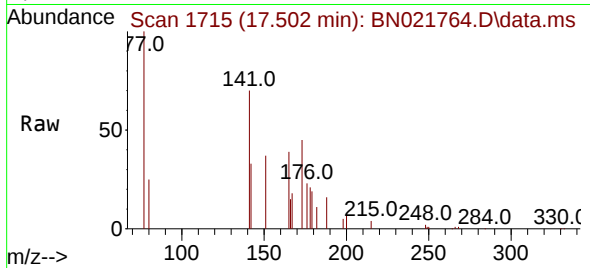
Tgt Ion:178 Resp: 4071

Ion Ratio Lower Upper

178 100

176 0.0 15.3 22.9#

179 0.0 12.2 18.4#



#26

Anthracene

Concen: 0.067 ng

RT: 17.594 min Scan# 1723

Delta R.T. -0.000 min

Lab File: BN021764.D

Acq: 15 Sep 2022 02:13

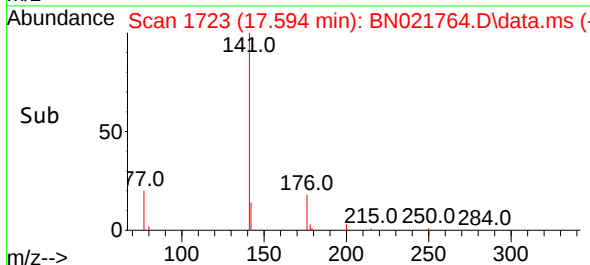
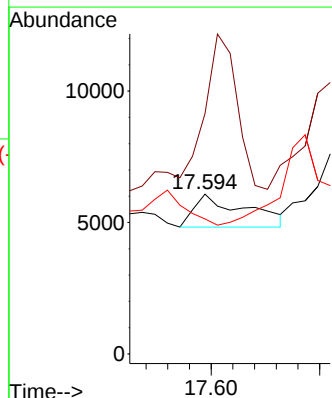
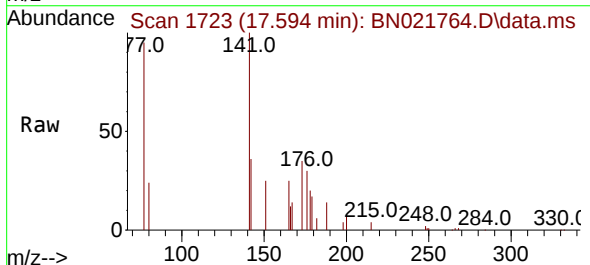
Tgt Ion:178 Resp: 4081

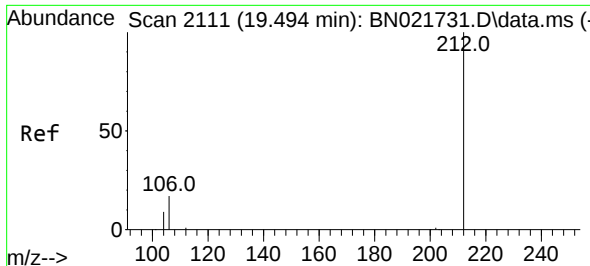
Ion Ratio Lower Upper

178 100

176 340.3 15.0 22.6#

179 0.0 12.2 18.2#

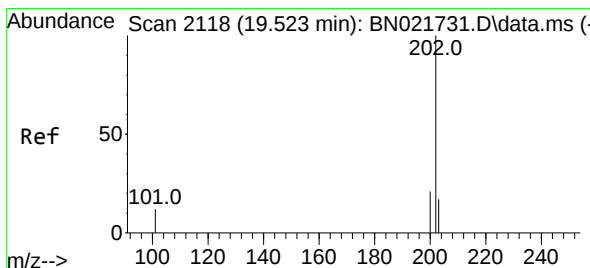
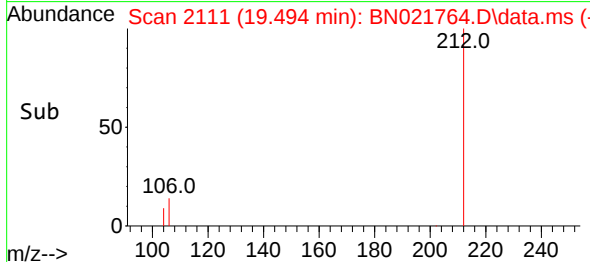
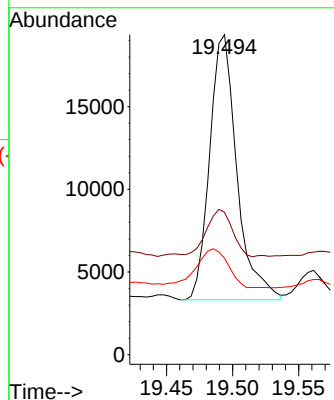
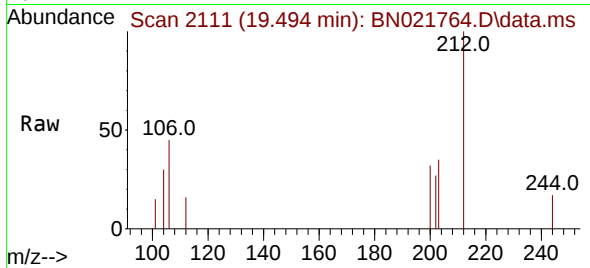




#27
Fluoranthene-d10
Concen: 0.397 ng
RT: 19.494 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BN021764.D
Acq: 15 Sep 2022 02:13

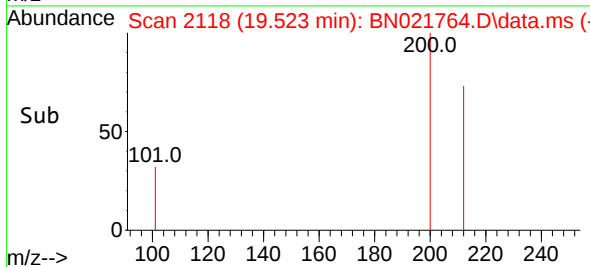
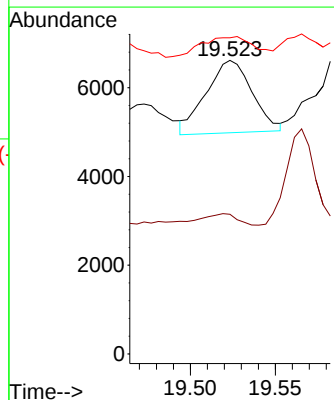
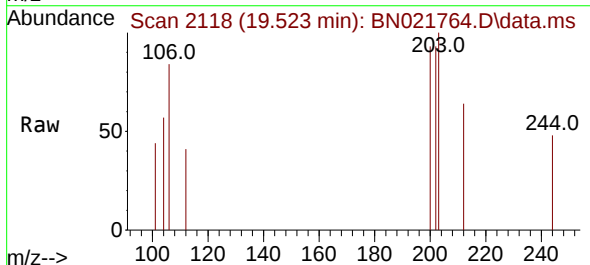
Instrument :
BNA_N
ClientSampleId :
MW-47

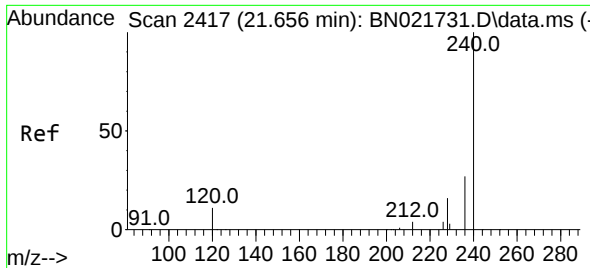
Tgt Ion:212 Resp: 22997
Ion Ratio Lower Upper
212 100
106 16.9 14.3 21.5
104 17.2 8.0 12.0#



#28
Fluoranthene
Concen: 0.040 ng
RT: 19.523 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BN021764.D
Acq: 15 Sep 2022 02:13

Tgt Ion:202 Resp: 3072
Ion Ratio Lower Upper
202 100
101 15.7 11.0 16.4
203 34.9 13.7 20.5#

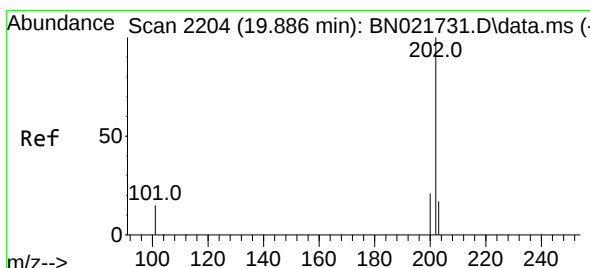
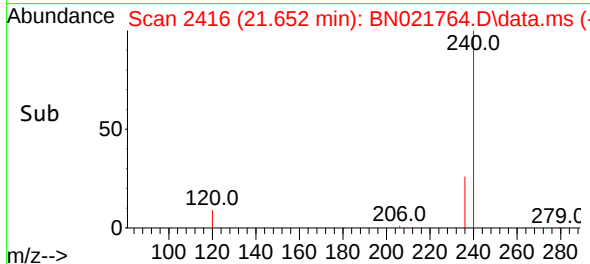
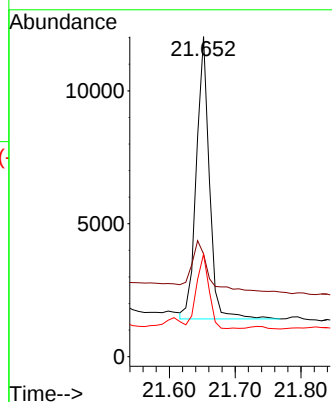
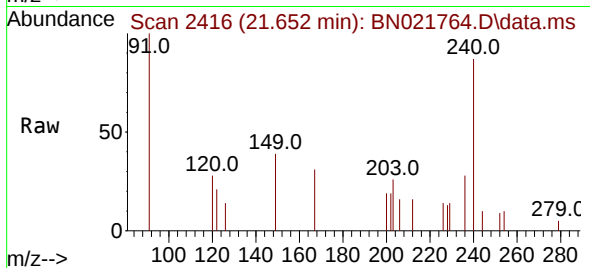




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.652 min Scan# 2417
Delta R.T. -0.004 min
Lab File: BN021764.D
Acq: 15 Sep 2022 02:13

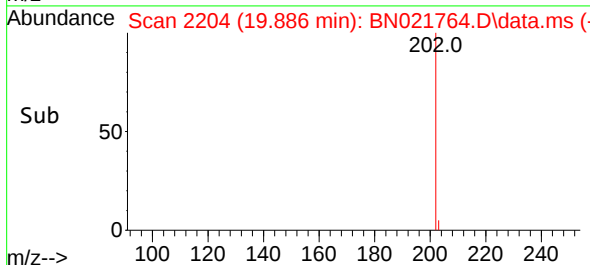
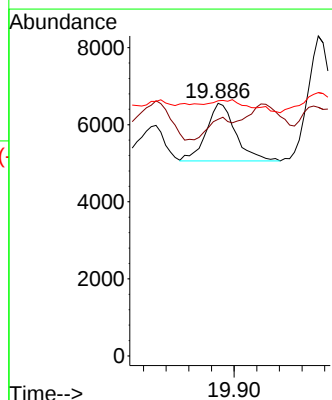
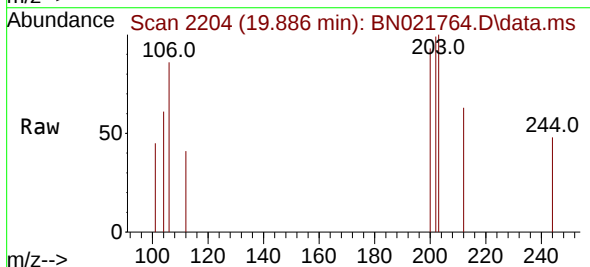
Instrument :
BNA_N
ClientSampleId :
MW-47

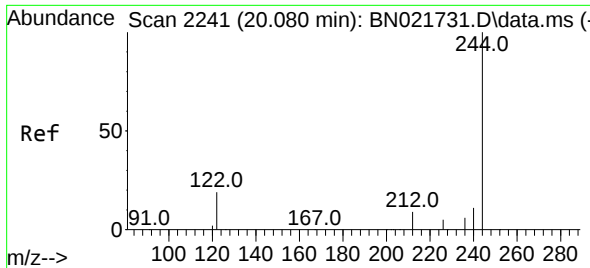
Tgt Ion:240 Resp: 14574
Ion Ratio Lower Upper
240 100
120 32.1 9.8 14.8#
236 32.1 22.2 33.4



#30
Pyrene
Concen: 0.037 ng
RT: 19.886 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BN021764.D
Acq: 15 Sep 2022 02:13

Tgt Ion:202 Resp: 2700
Ion Ratio Lower Upper
202 100
200 28.7 15.0 22.4#
203 28.7 12.8 19.2#

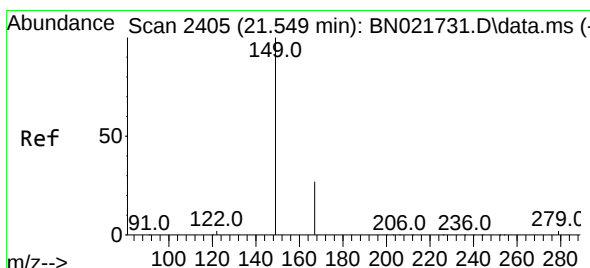
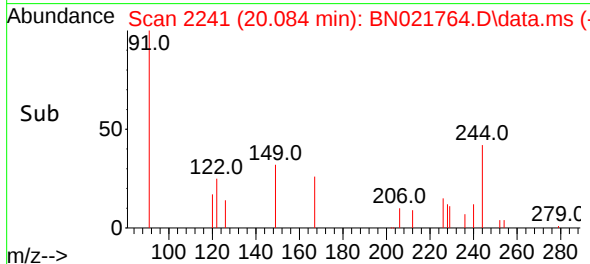
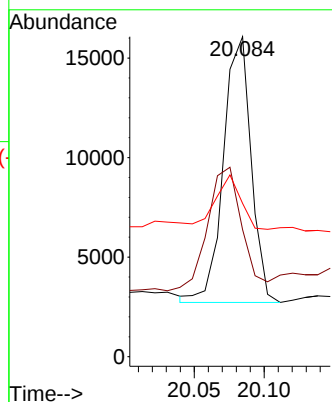
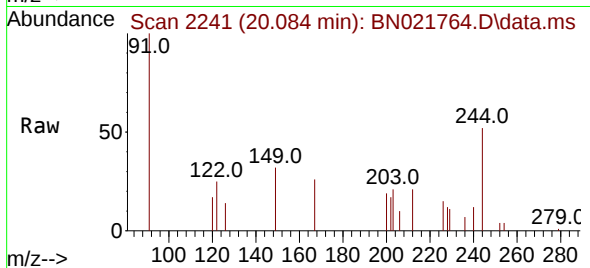




#31
 Terphenyl-d14
 Concen: 0.551 ng
 RT: 20.084 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BN021764.D
 Acq: 15 Sep 2022 02:13

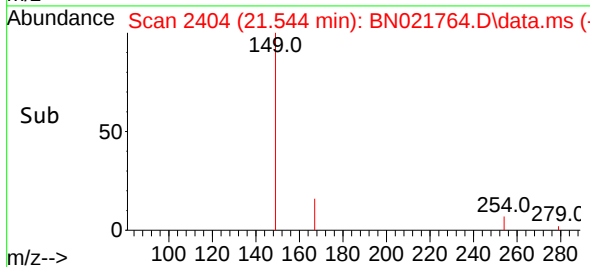
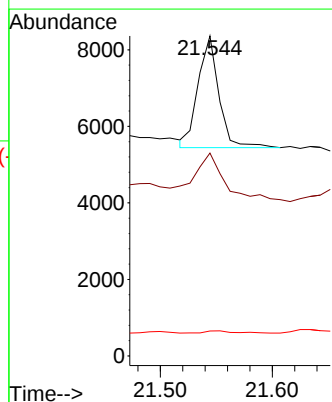
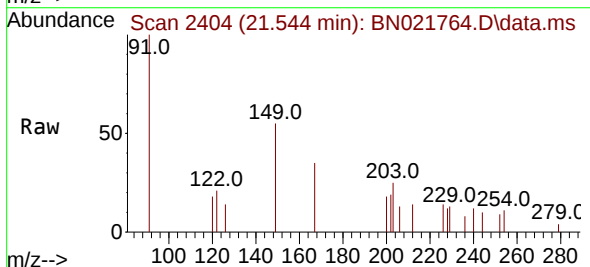
Instrument :
 BNA_N
 ClientSampleId :
 MW-47

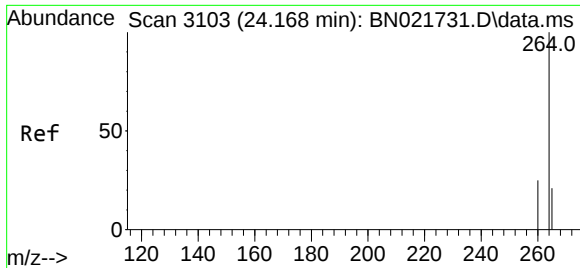
Tgt Ion:244 Resp: 18343
 Ion Ratio Lower Upper
 244 100
 212 39.7 7.9 11.9#
 122 47.9 15.8 23.8#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.101 ng
 RT: 21.544 min Scan# 2404
 Delta R.T. -0.004 min
 Lab File: BN021764.D
 Acq: 15 Sep 2022 02:13

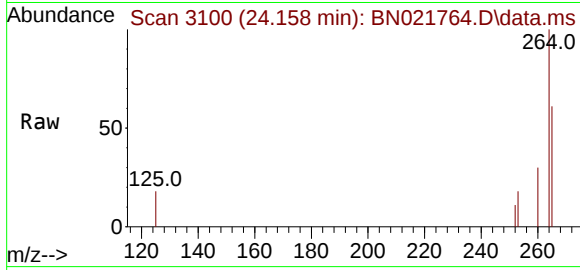
Tgt Ion:149 Resp: 3775
 Ion Ratio Lower Upper
 149 100
 167 59.3 20.8 31.2#
 279 2.7 2.1 3.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.158 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: BN021764.D
 Acq: 15 Sep 2022 02:13

Instrument :
 BNA_N
 ClientSampleId :
 MW-47



Tgt Ion:264 Resp: 10579

Ion	Ratio	Lower	Upper
264	100		
260	29.6	20.6	31.0
265	60.7	34.4	51.6

