

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
 Data File : BN021747.D
 Acq On : 14 Sep 2022 15:02
 Operator : CG/JU
 Sample : N4549-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-59

Quant Time: Sep 15 02:10:11 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)

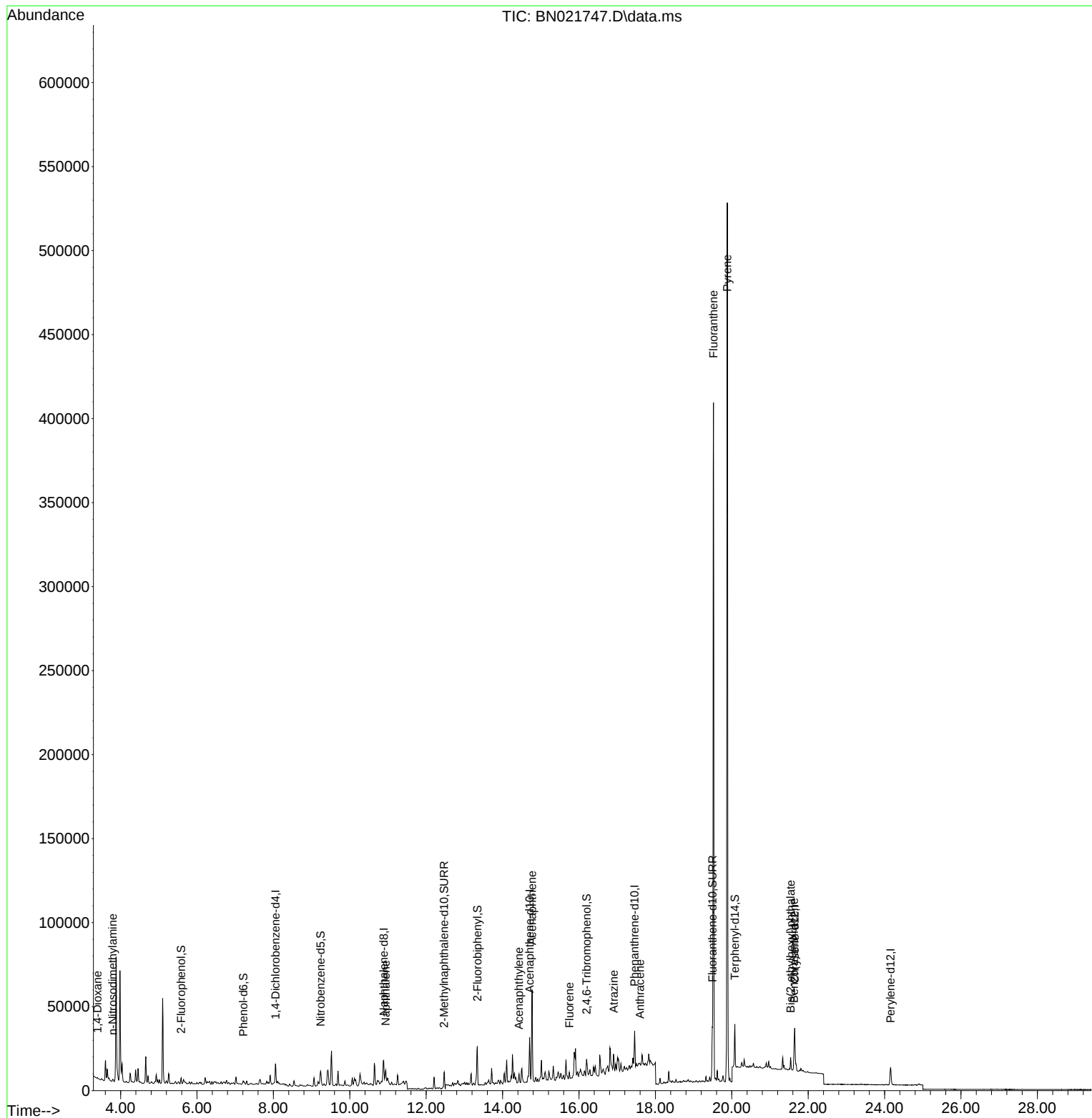
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.054	152	5780	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	19542	0.400	ng	0.00
13) Acenaphthene-d10	14.707	164	13387	0.400	ng	0.00
19) Phenanthrene-d10	17.456	188	25570	0.400	ng	0.00
29) Chrysene-d12	21.647	240	19641	0.400	ng	# 0.00
35) Perylene-d12	24.157	264	15514	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2715	0.180	ng	0.00
5) Phenol-d6	7.209	99	2063	0.108	ng	0.00
8) Nitrobenzene-d5	9.233	82	6096	0.377	ng	0.00
11) 2-Methylnaphthalene-d10	12.471	152	15443	0.313	ng	0.00
14) 2,4,6-Tribromophenol	16.197	330	2794	0.457	ng	-0.01
15) 2-Fluorobiphenyl	13.339	172	21265	0.389	ng	0.00
27) Fluoranthene-d10	19.490	212	31874	0.463	ng	0.00
31) Terphenyl-d14	20.080	244	22014	0.490	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.396	88	184	0.025	ng	# 1
3) n-Nitrosodimethylamine	3.793	42	792	0.104	ng	# 1
9) Naphthalene	10.941	128	3156	0.055	ng	# 1
16) Acenaphthylene	14.429	152	1546	0.024	ng	# 44
17) Acenaphthene	14.771	154	25747	0.589	ng	99
18) Fluorene	15.747	166	3162	0.054	ng	# 82
23) Atrazine	16.913	200	469	0.036	ng	# 1
26) Anthracene	17.594	178	4338	0.060	ng	# 70
28) Fluoranthene	19.519	202	354178	3.830	ng	100
30) Pyrene	19.882	202	463385	4.751	ng	# 93
32) Benzo(a)anthracene	21.629	228	10235	0.136	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.540	149	7112	0.141	ng	# 97

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

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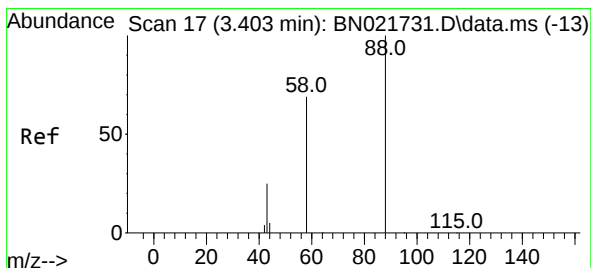
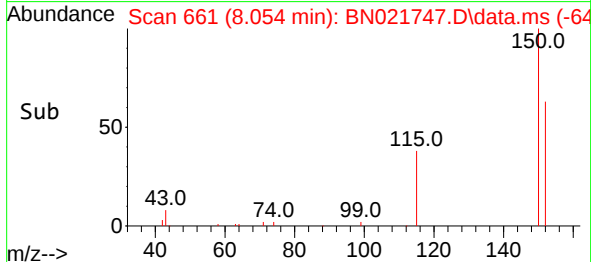
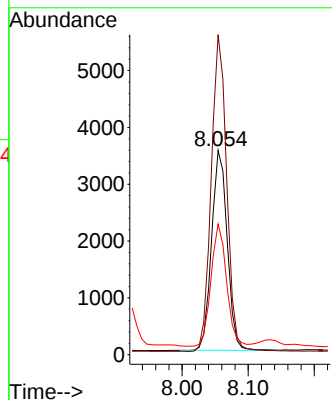
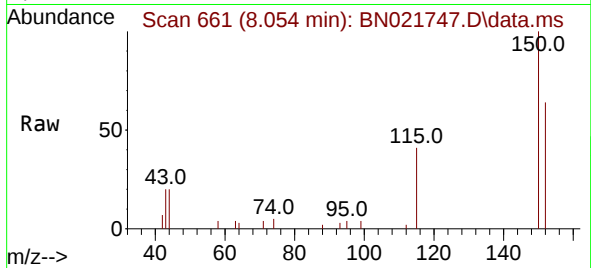




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.054 min Scan# 6
 Delta R.T. -0.008 min
 Lab File: BN021747.D
 Acq: 14 Sep 2022 15:02

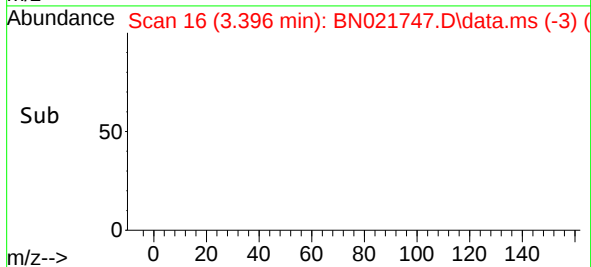
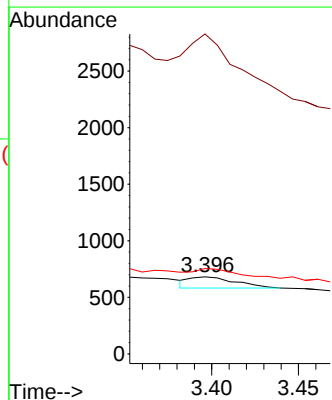
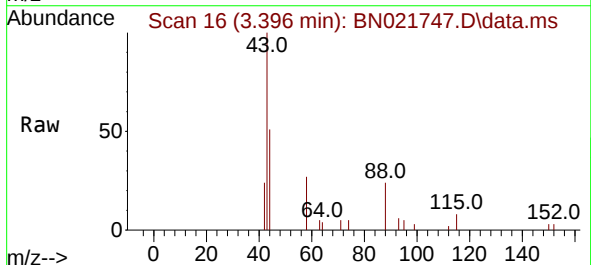
Instrument :
 BNA_N
 ClientSampleId :
 MW-59

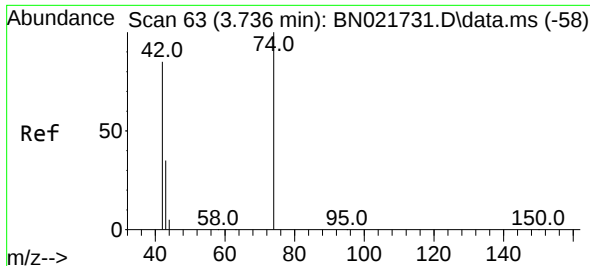
Tgt Ion:152 Resp: 5780
 Ion Ratio Lower Upper
 152 100
 150 156.7 121.8 182.8
 115 64.1 48.3 72.5



#2
 1,4-Dioxane
 Concen: 0.025 ng
 RT: 3.396 min Scan# 16
 Delta R.T. -0.007 min
 Lab File: BN021747.D
 Acq: 14 Sep 2022 15:02

Tgt Ion: 88 Resp: 184
 Ion Ratio Lower Upper
 88 100
 43 532.1 24.2 36.2#
 58 66.8 60.2 90.4

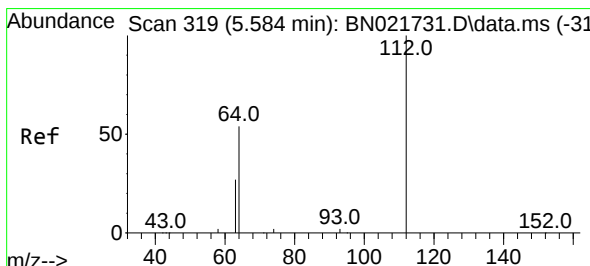
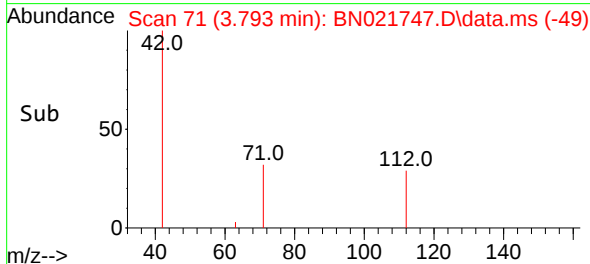
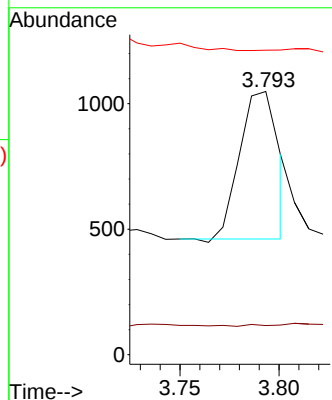
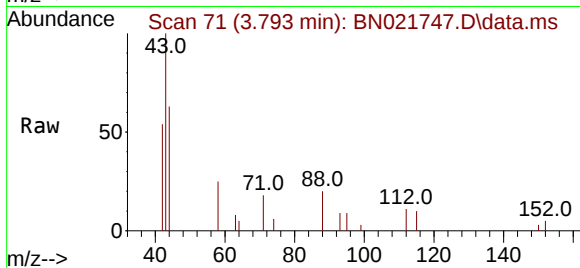




#3
n-Nitrosodimethylamine
Concen: 0.104 ng
RT: 3.793 min Scan# 71
Delta R.T. 0.058 min
Lab File: BN021747.D
Acq: 14 Sep 2022 15:02

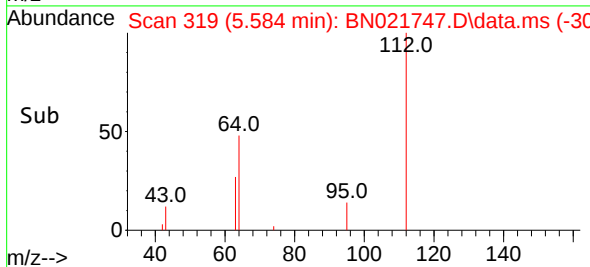
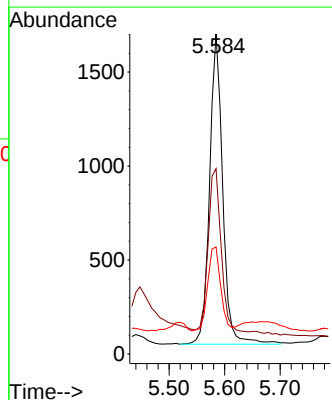
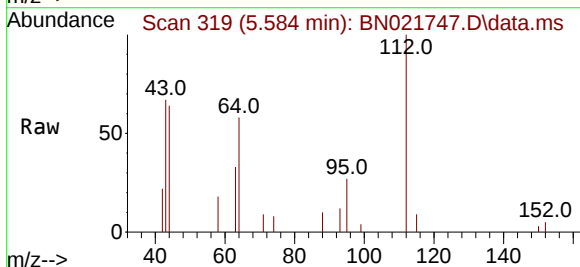
Instrument :
BNA_N
ClientSampleId :
MW-59

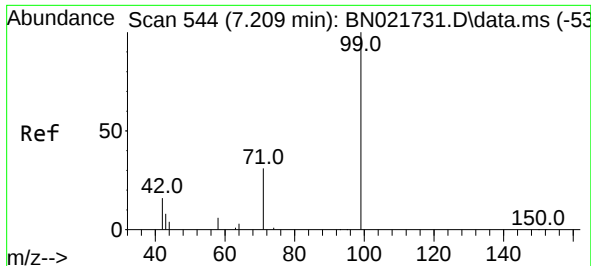
Tgt Ion: 42 Resp: 792
Ion Ratio Lower Upper
42 100
74 0.0 116.3 174.5#
44 0.0 9.0 13.4#



#4
2-Fluorophenol
Concen: 0.180 ng
RT: 5.584 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN021747.D
Acq: 14 Sep 2022 15:02

Tgt Ion: 112 Resp: 2715
Ion Ratio Lower Upper
112 100
64 56.5 45.4 68.2
63 26.8 23.3 34.9

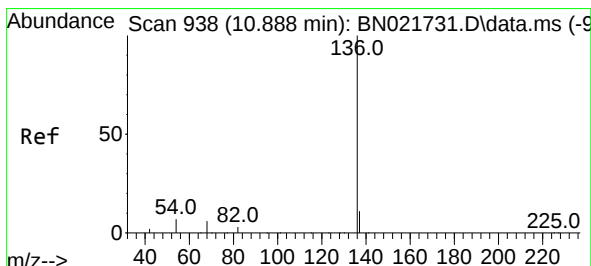
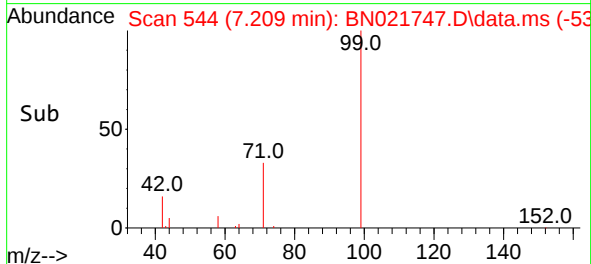
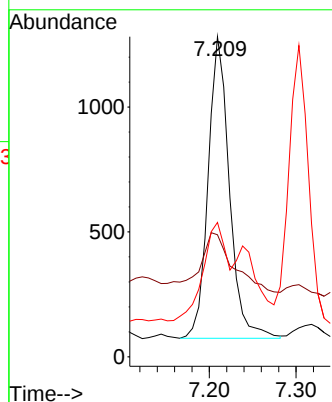
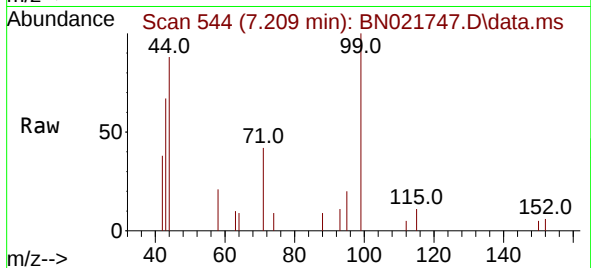




#5
Phenol-d6
Concen: 0.108 ng
RT: 7.209 min Scan# 544
Delta R.T. -0.000 min
Lab File: BN021747.D
Acq: 14 Sep 2022 15:02

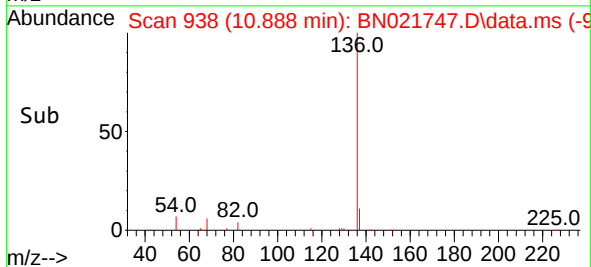
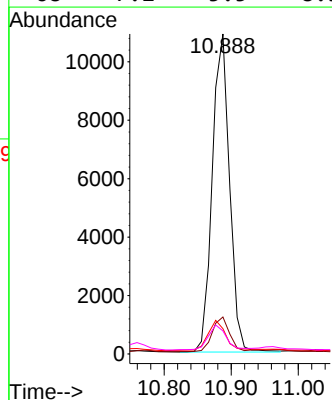
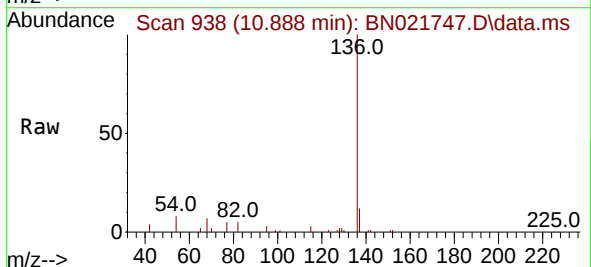
Instrument :
BNA_N
ClientSampleId :
MW-59

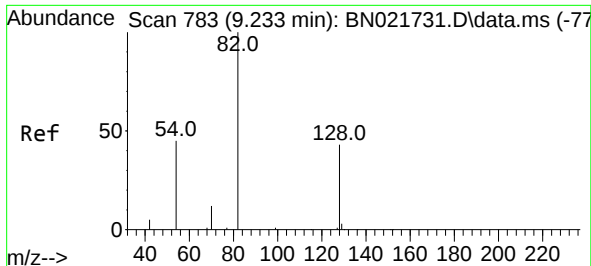
Tgt Ion: 99 Resp: 2063
Ion Ratio Lower Upper
99 100
42 29.7 15.1 22.7#
71 36.4 25.3 37.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 938
Delta R.T. -0.000 min
Lab File: BN021747.D
Acq: 14 Sep 2022 15:02

Tgt Ion: 136 Resp: 19542
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 7.9 6.4 9.6
68 7.2 5.5 8.3

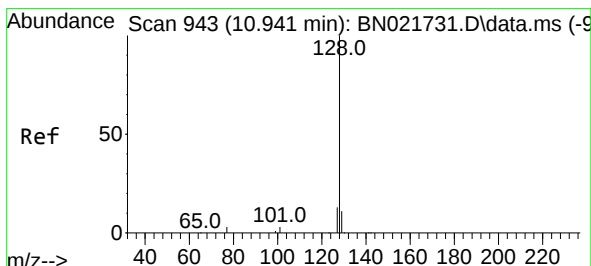
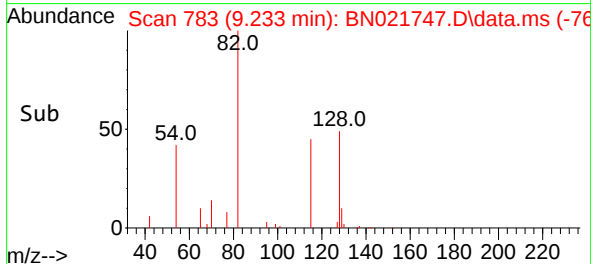
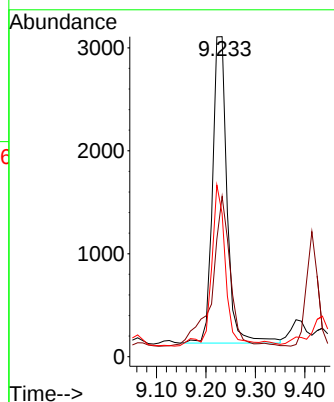
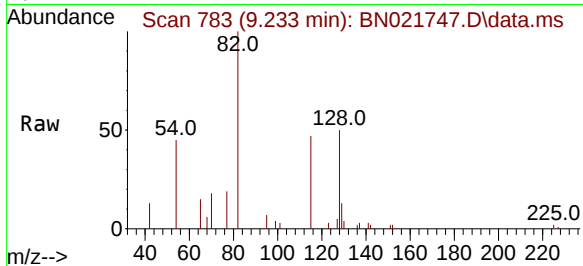




#8
Nitrobenzene-d5
Concen: 0.377 ng
RT: 9.233 min Scan# 783
Delta R.T. -0.000 min
Lab File: BN021747.D
Acq: 14 Sep 2022 15:02

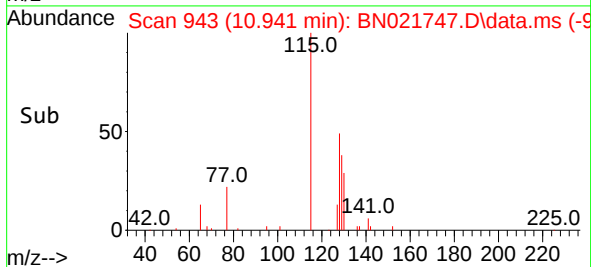
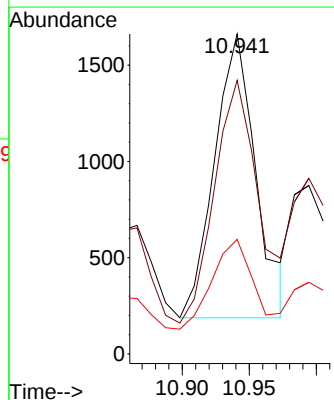
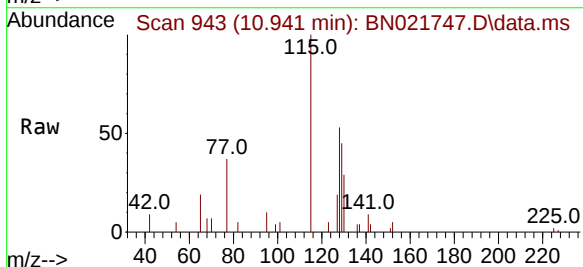
Instrument :
BNA_N
ClientSampleId :
MW-59

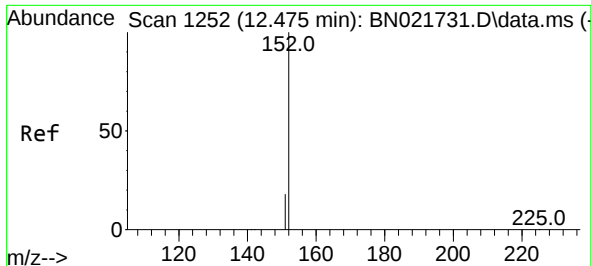
Tgt Ion: 82 Resp: 6096
Ion Ratio Lower Upper
82 100
128 50.1 35.6 53.4
54 44.7 37.8 56.8



#9
Naphthalene
Concen: 0.055 ng
RT: 10.941 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN021747.D
Acq: 14 Sep 2022 15:02

Tgt Ion: 128 Resp: 3156
Ion Ratio Lower Upper
128 100
129 85.5 9.2 13.8#
127 35.8 10.5 15.7#





#11

2-Methylnaphthalene-d10

Concen: 0.313 ng

RT: 12.471 min Scan# 1251

Delta R.T. -0.004 min

Lab File: BN021747.D

Acq: 14 Sep 2022 15:02

Instrument :

BNA_N

ClientSampleId :

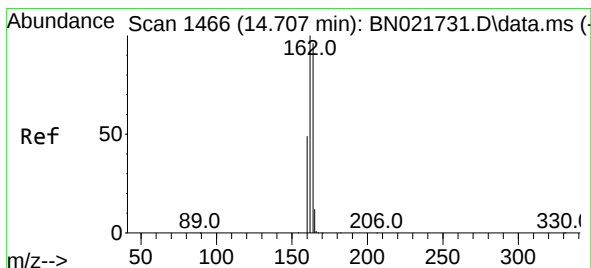
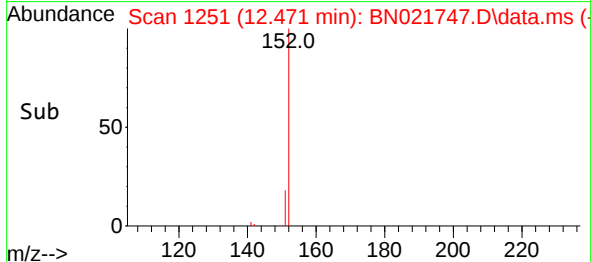
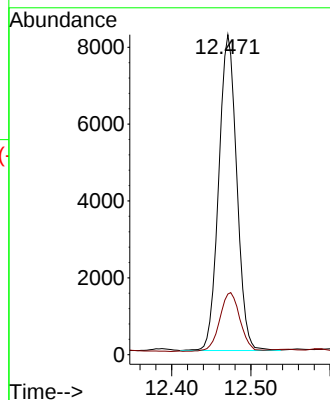
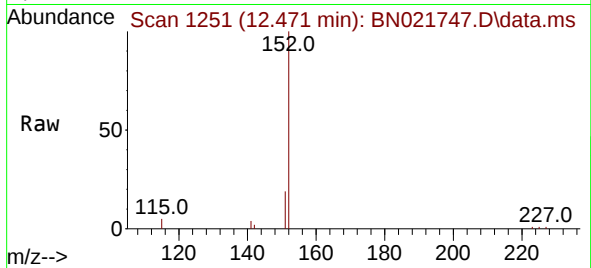
MW-59

Tgt Ion:152 Resp: 15443

Ion Ratio Lower Upper

152 100

151 18.8 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: BN021747.D

Acq: 14 Sep 2022 15:02

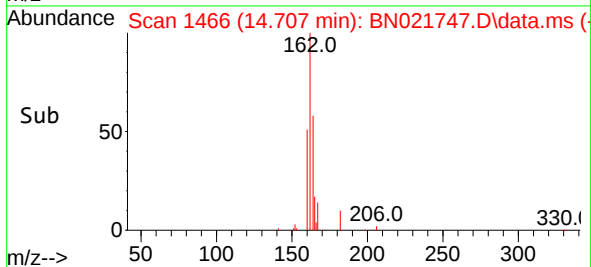
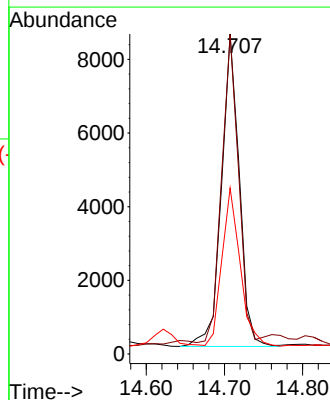
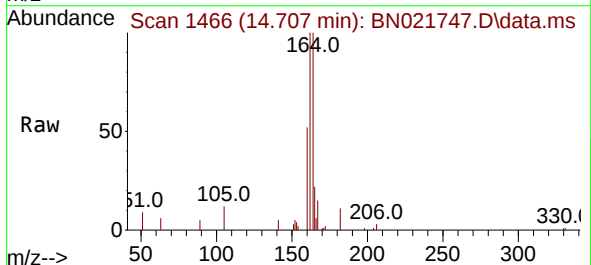
Tgt Ion:164 Resp: 13387

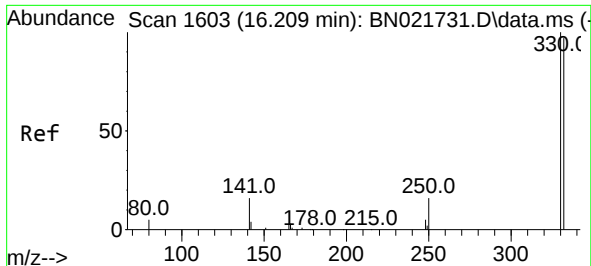
Ion Ratio Lower Upper

164 100

162 99.8 83.2 124.8

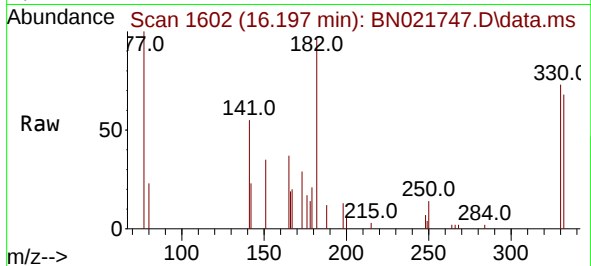
160 51.8 40.9 61.3



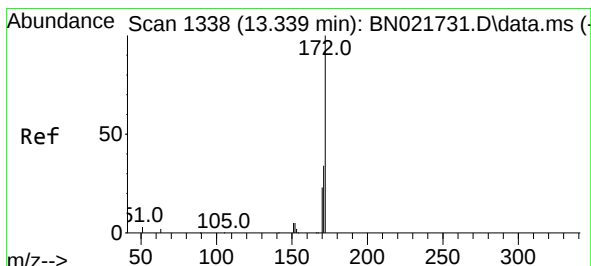
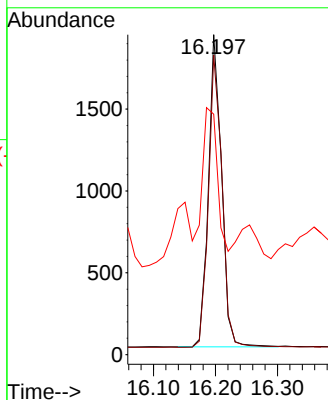
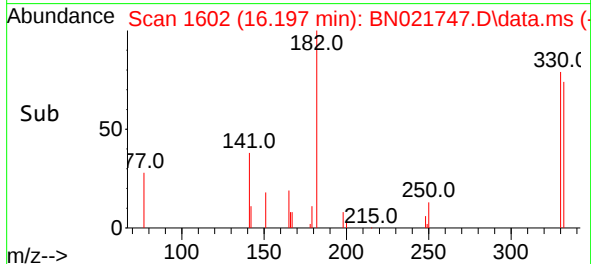


#14
2,4,6-Tribromophenol
Concen: 0.457 ng
RT: 16.197 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BN021747.D
Acq: 14 Sep 2022 15:02

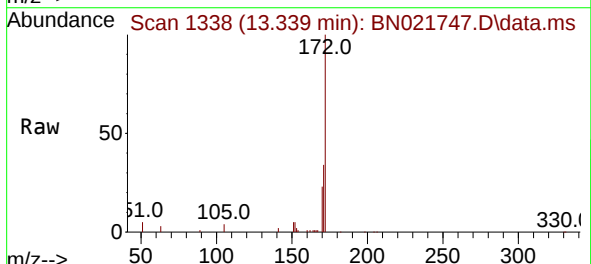
Instrument :
BNA_N
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MW-59



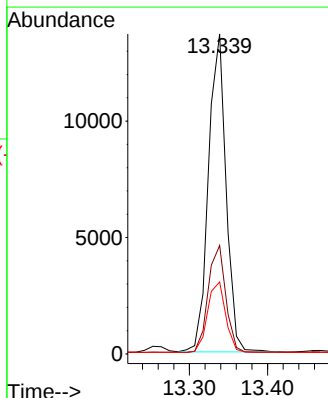
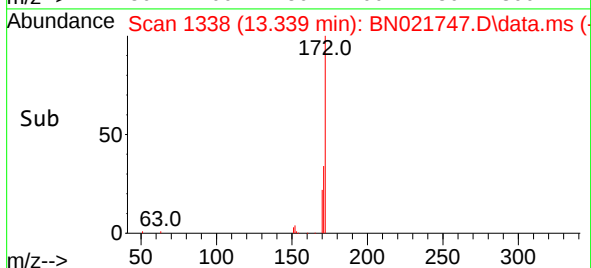
Tgt Ion: 330 Resp: 2794
Ion Ratio Lower Upper
330 100
332 97.1 76.8 115.2
141 50.1 37.2 55.8

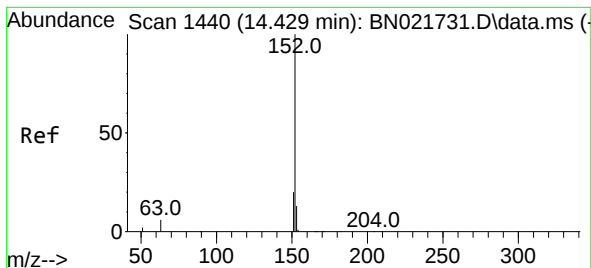


#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.339 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BN021747.D
Acq: 14 Sep 2022 15:02



Tgt Ion: 172 Resp: 21265
Ion Ratio Lower Upper
172 100
171 33.9 27.7 41.5
170 22.5 18.8 28.2





#16

Acenaphthylene

Concen: 0.024 ng

RT: 14.429 min Scan# 1440

Delta R.T. -0.000 min

Lab File: BN021747.D

Acq: 14 Sep 2022 15:02

Instrument :

BNA_N

ClientSampleId :

MW-59

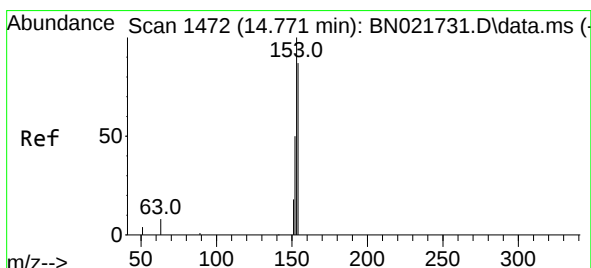
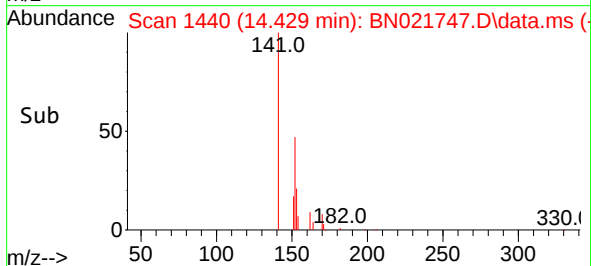
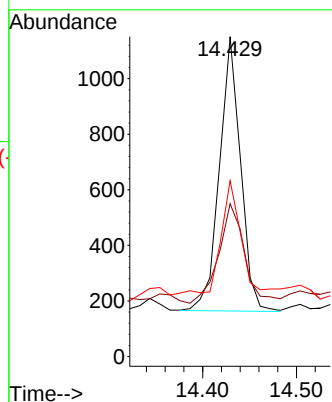
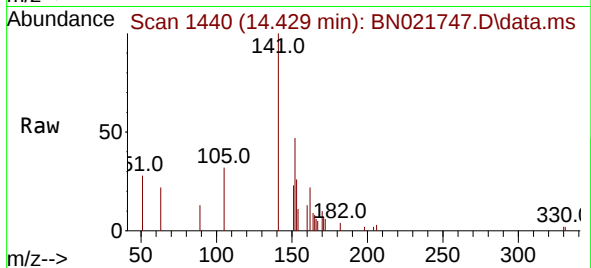
Tgt Ion:152 Resp: 1546

Ion Ratio Lower Upper

152 100

151 44.2 15.4 23.0#

153 35.9 10.3 15.5#



#17

Acenaphthene

Concen: 0.589 ng

RT: 14.771 min Scan# 1472

Delta R.T. -0.000 min

Lab File: BN021747.D

Acq: 14 Sep 2022 15:02

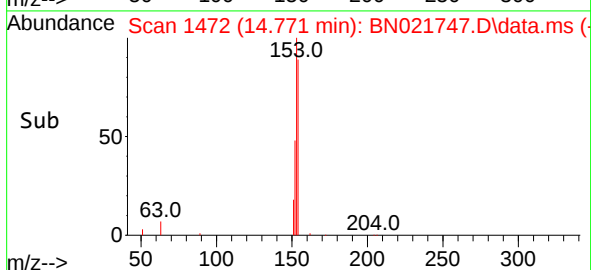
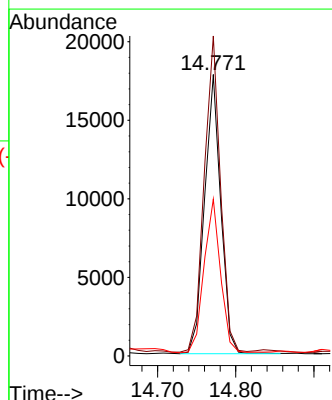
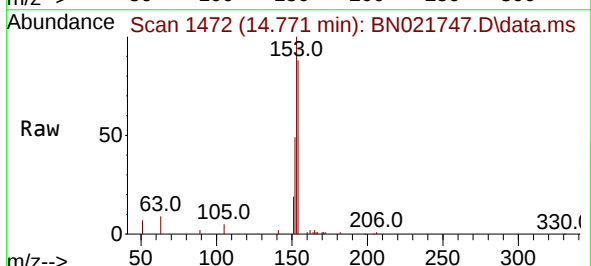
Tgt Ion:154 Resp: 25747

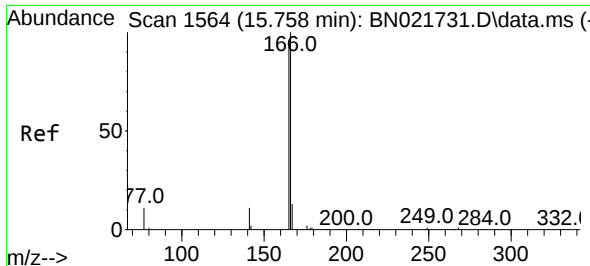
Ion Ratio Lower Upper

154 100

153 113.1 91.0 136.4

152 55.8 46.0 69.0

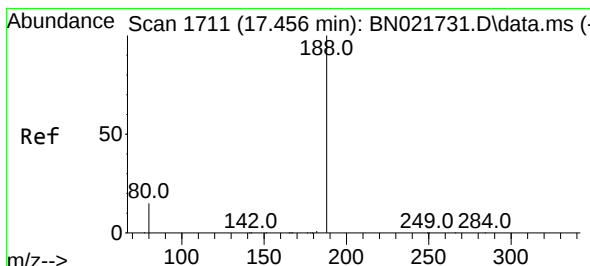
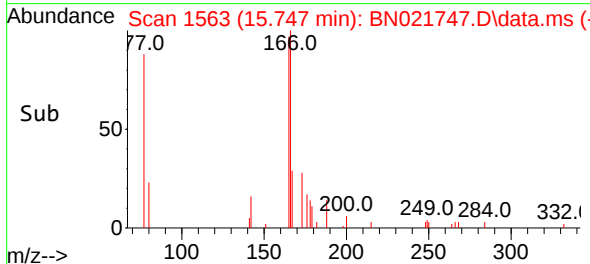
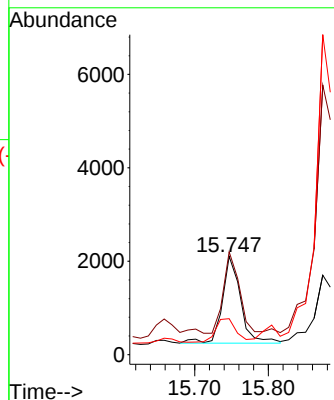
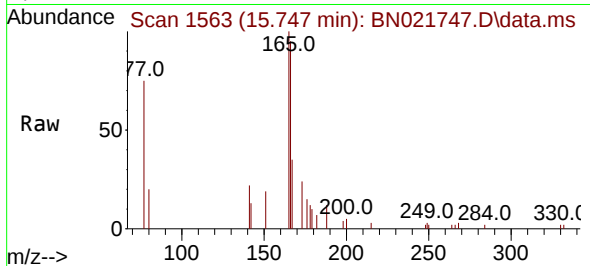




#18
Fluorene
Concen: 0.054 ng
RT: 15.747 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BN021747.D
Acq: 14 Sep 2022 15:02

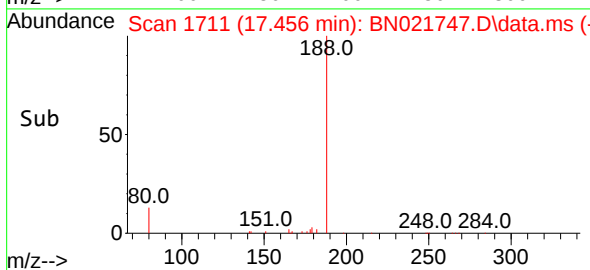
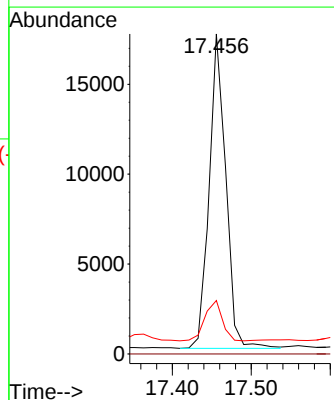
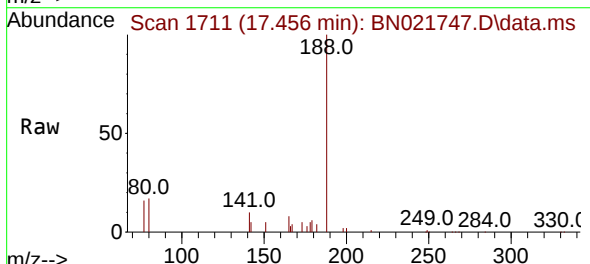
Instrument :
BNA_N
ClientSampleId :
MW-59

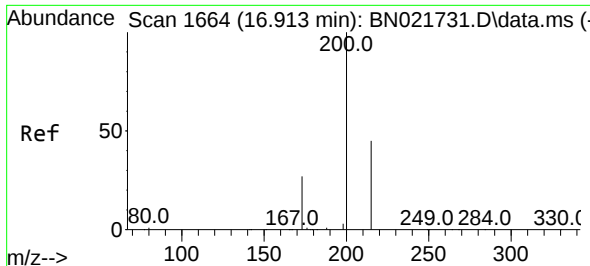
Tgt Ion:166 Resp: 3162
Ion Ratio Lower Upper
166 100
165 84.8 79.4 119.0
167 29.3 10.6 15.8#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.456 min Scan# 1711
Delta R.T. -0.000 min
Lab File: BN021747.D
Acq: 14 Sep 2022 15:02

Tgt Ion:188 Resp: 25570
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.7 12.6 19.0

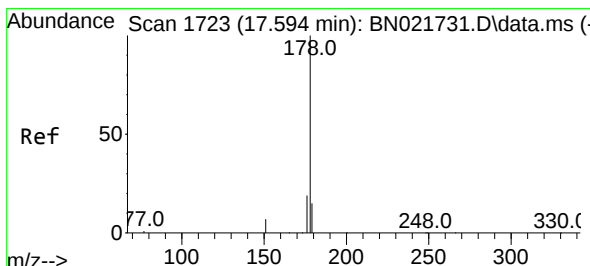
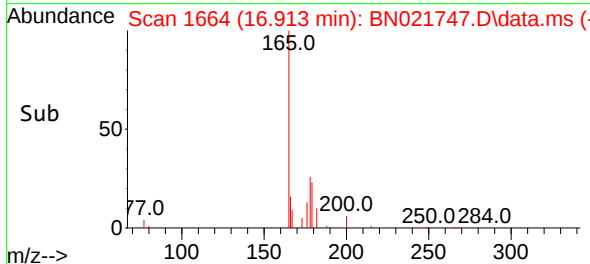
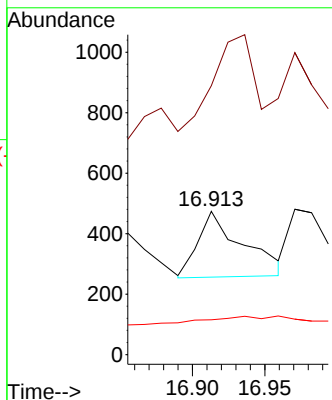
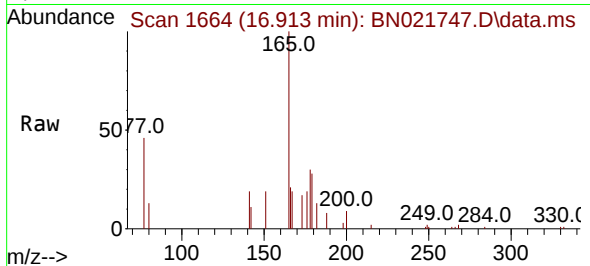




#23
 Atrazine
 Concen: 0.036 ng
 RT: 16.913 min Scan# 1664
 Delta R.T. -0.000 min
 Lab File: BN021747.D
 Acq: 14 Sep 2022 15:02

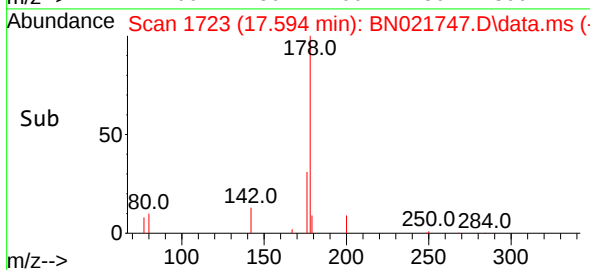
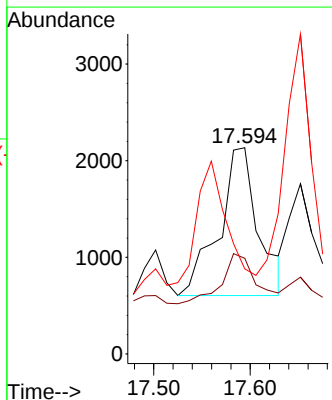
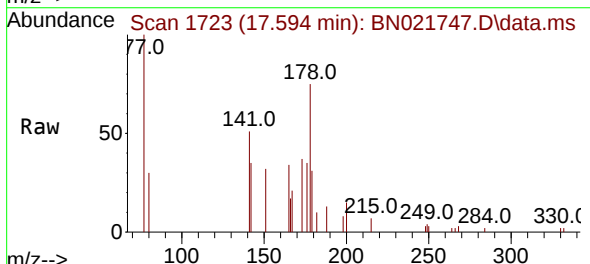
Instrument :
 BNA_N
 ClientSampleId :
 MW-59

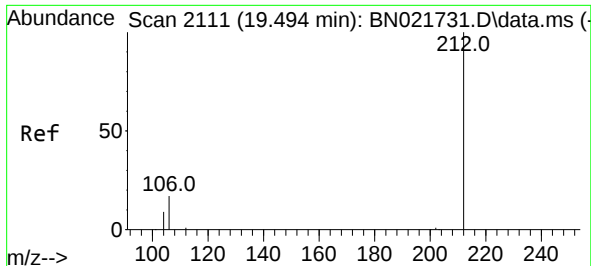
Tgt Ion:200 Resp: 469
 Ion Ratio Lower Upper
 200 100
 173 187.6 22.9 34.3#
 215 24.3 36.9 55.3#



#26
 Anthracene
 Concen: 0.060 ng
 RT: 17.594 min Scan# 1723
 Delta R.T. -0.000 min
 Lab File: BN021747.D
 Acq: 14 Sep 2022 15:02

Tgt Ion:178 Resp: 4338
 Ion Ratio Lower Upper
 178 100
 176 29.7 15.0 22.6#
 179 0.0 12.2 18.2#

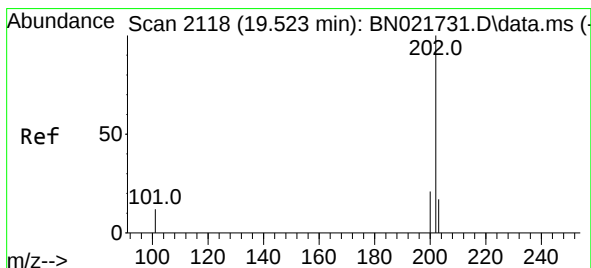
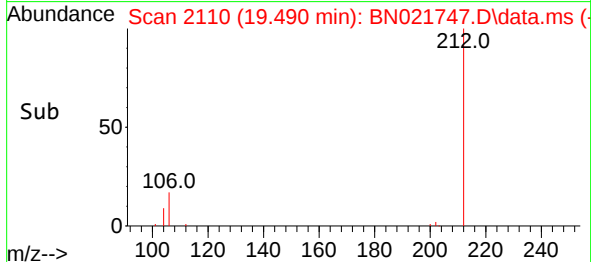
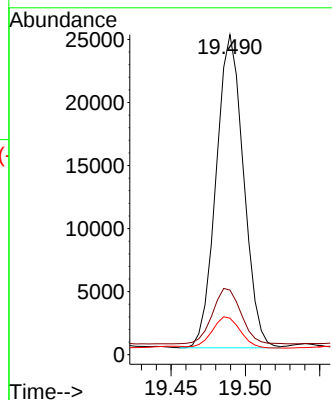
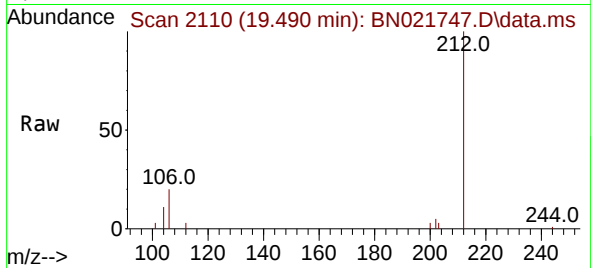




#27
Fluoranthene-d10
Concen: 0.463 ng
RT: 19.490 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN021747.D
Acq: 14 Sep 2022 15:02

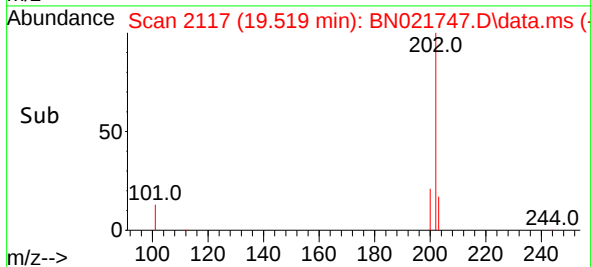
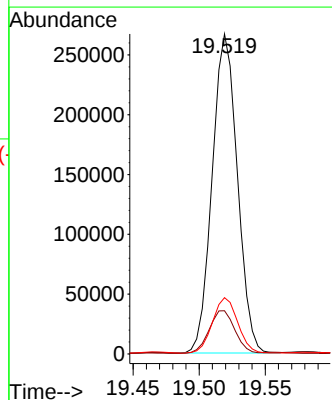
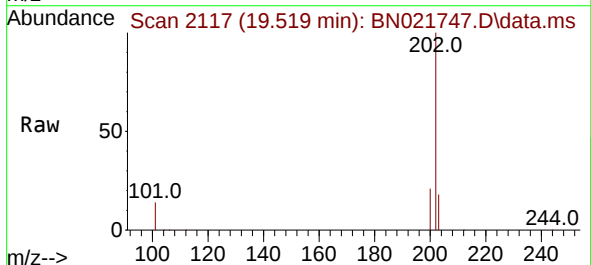
Instrument :
BNA_N
ClientSampleId :
MW-59

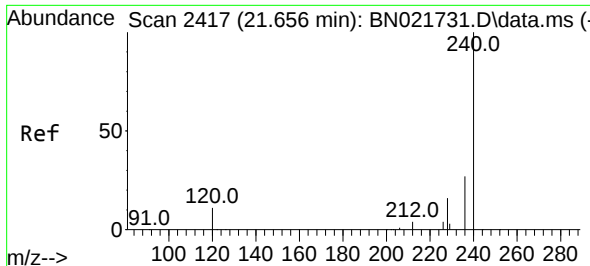
Tgt Ion:212 Resp: 31874
Ion Ratio Lower Upper
212 100
106 18.4 14.3 21.5
104 10.3 8.0 12.0



#28
Fluoranthene
Concen: 3.830 ng
RT: 19.519 min Scan# 2117
Delta R.T. -0.004 min
Lab File: BN021747.D
Acq: 14 Sep 2022 15:02

Tgt Ion:202 Resp: 354178
Ion Ratio Lower Upper
202 100
101 13.6 11.0 16.4
203 17.2 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: BN021747.D

Acq: 14 Sep 2022 15:02

Instrument :

BNA_N

ClientSampleId :

MW-59

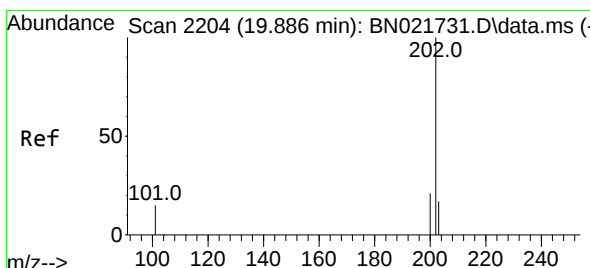
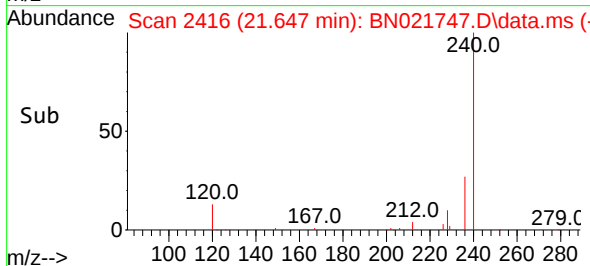
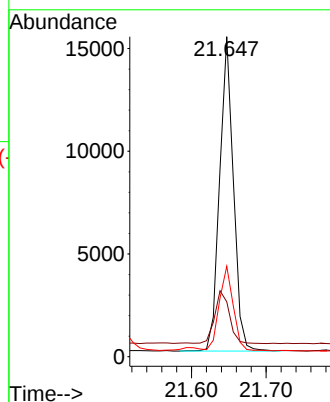
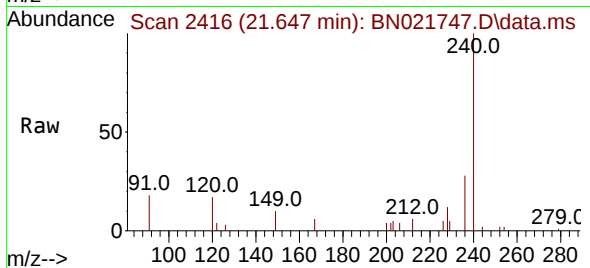
Tgt Ion:240 Resp: 19641

Ion Ratio Lower Upper

240 100

120 17.1 9.8 14.8#

236 28.3 22.2 33.4



#30

Pyrene

Concen: 4.751 ng

RT: 19.882 min Scan# 2203

Delta R.T. -0.004 min

Lab File: BN021747.D

Acq: 14 Sep 2022 15:02

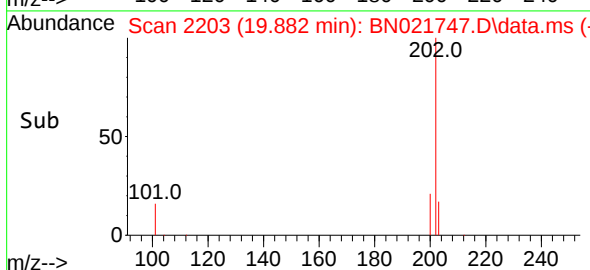
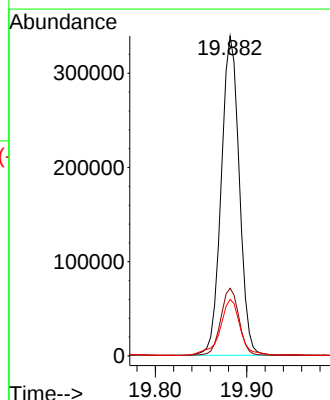
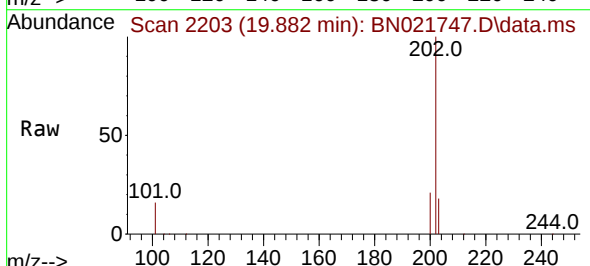
Tgt Ion:202 Resp: 463385

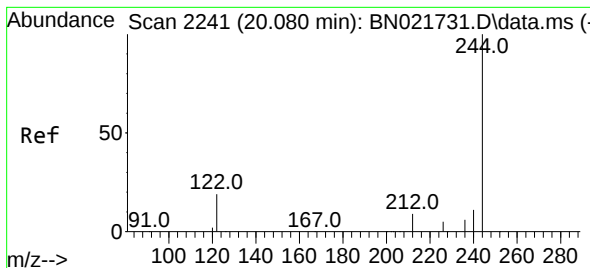
Ion Ratio Lower Upper

202 100

200 21.1 15.0 22.4

203 19.4 12.8 19.2#





#31

Terphenyl-d14

Concen: 0.490 ng

RT: 20.080 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN021747.D

Acq: 14 Sep 2022 15:02

Instrument :

BNA_N

ClientSampleId :

MW-59

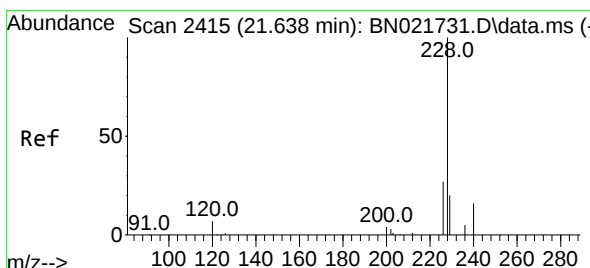
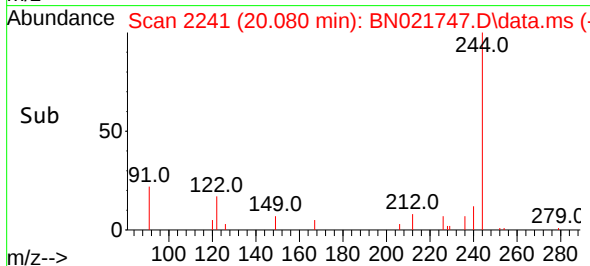
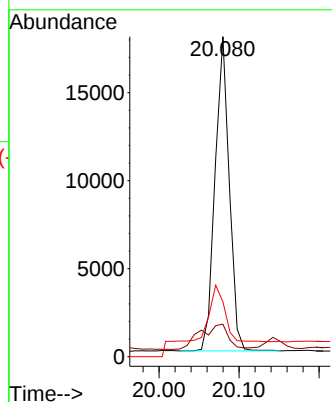
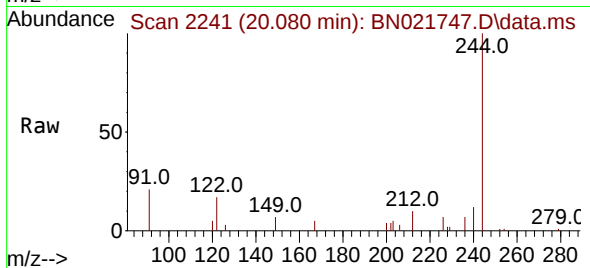
Tgt Ion:244 Resp: 22014

Ion Ratio Lower Upper

244 100

212 10.2 7.9 11.9

122 17.1 15.8 23.8



#32

Benzo(a)anthracene

Concen: 0.136 ng

RT: 21.629 min Scan# 2414

Delta R.T. -0.009 min

Lab File: BN021747.D

Acq: 14 Sep 2022 15:02

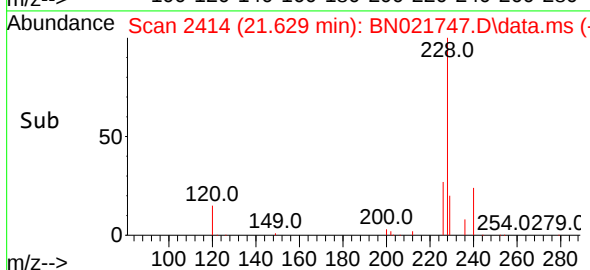
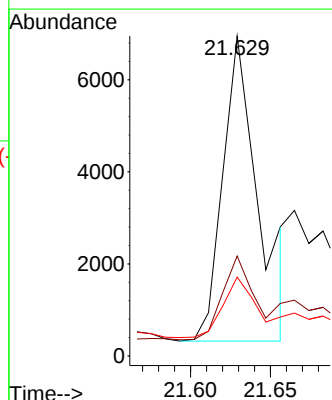
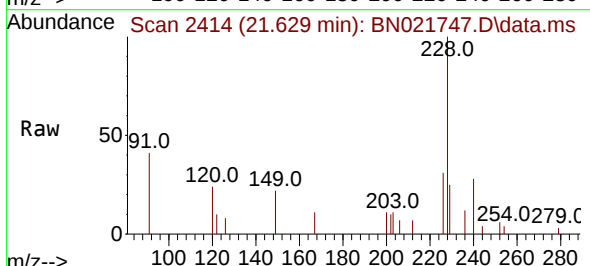
Tgt Ion:228 Resp: 10235

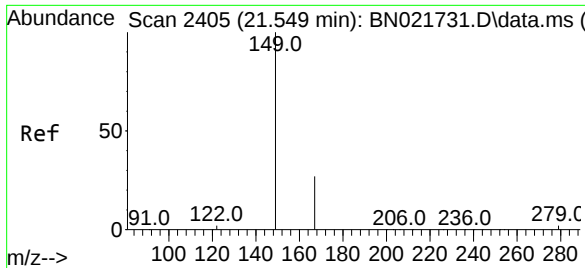
Ion Ratio Lower Upper

228 100

226 31.3 21.5 32.3

229 24.6 15.8 23.8#

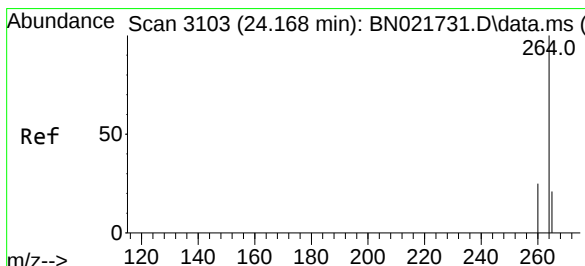
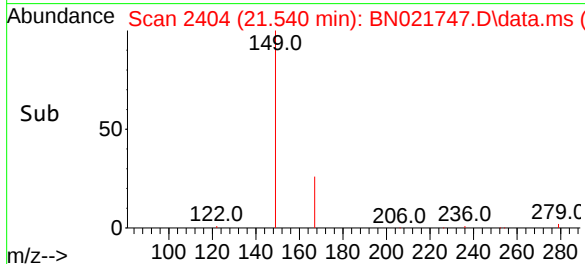
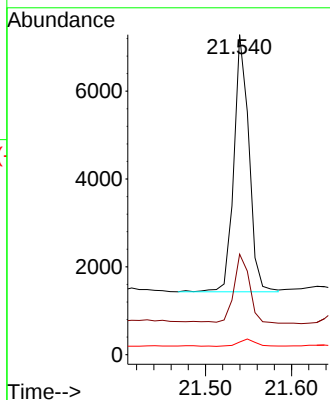
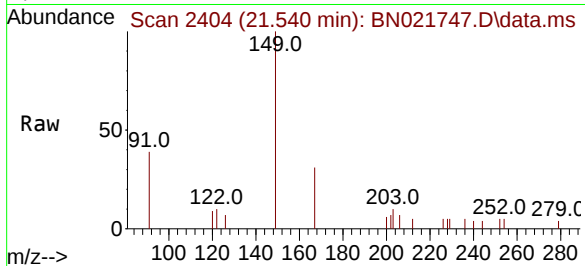




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.141 ng
 RT: 21.540 min Scan# 2404
 Delta R.T. -0.009 min
 Lab File: BN021747.D
 Acq: 14 Sep 2022 15:02

Instrument :
 BNA_N
 ClientSampleId :
 MW-59

Tgt Ion:149 Resp: 7112
 Ion Ratio Lower Upper
 149 100
 167 27.6 20.8 31.2
 279 3.2 2.1 3.1#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.157 min Scan# 3099
 Delta R.T. -0.012 min
 Lab File: BN021747.D
 Acq: 14 Sep 2022 15:02

Tgt Ion:264 Resp: 15514
 Ion Ratio Lower Upper
 264 100
 260 26.5 20.6 31.0
 265 43.5 34.4 51.6

