

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
 Data File : BN021762.D
 Acq On : 15 Sep 2022 00:59
 Operator : CG/JU
 Sample : N4549-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-49

Quant Time: Sep 15 02:14:48 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)

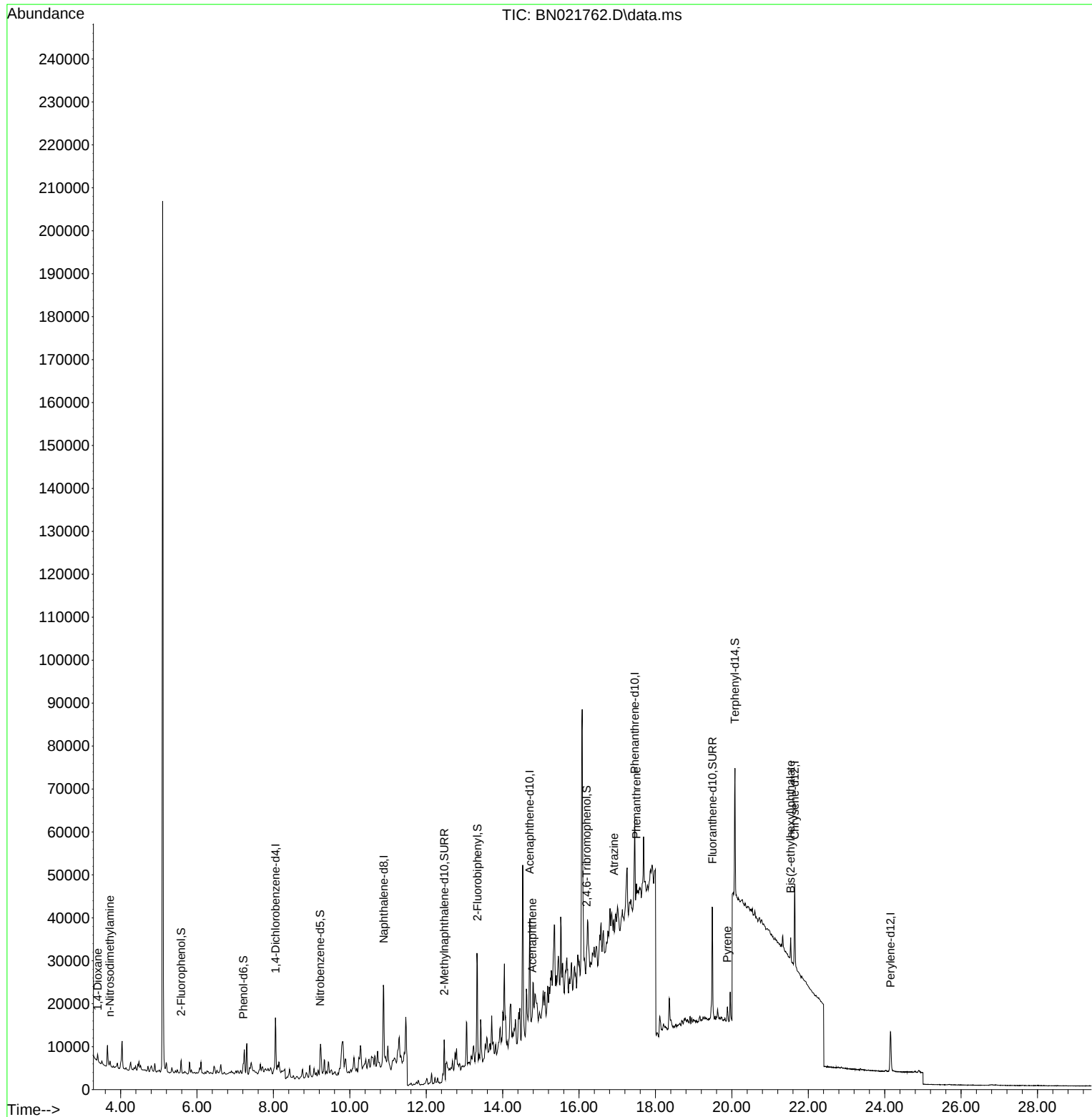
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.054	152	5856	0.400	ng	0.00
7) Naphthalene-d8	10.887	136	20051	0.400	ng	# 0.00
13) Acenaphthene-d10	14.707	164	14607	0.400	ng	# 0.00
19) Phenanthrene-d10	17.456	188	26104	0.400	ng	# 0.00
29) Chrysene-d12	21.647	240	18039	0.400	ng	# 0.00
35) Perylene-d12	24.151	264	13653	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2514	0.164	ng	0.00
5) Phenol-d6	7.209	99	2141	0.110	ng	0.00
8) Nitrobenzene-d5	9.222	82	5427	0.327	ng	-0.01
11) 2-Methylnaphthalene-d10	12.471	152	16041	0.317	ng	0.00
14) 2,4,6-Tribromophenol	16.197	330	2898	0.434	ng	-0.01
15) 2-Fluorobiphenyl	13.339	172	21036	0.353	ng	0.00
27) Fluoranthene-d10	19.490	212	27674	0.394	ng	0.00
31) Terphenyl-d14	20.080	244	25902	0.628	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.403	88	594	0.079	ng	# 1
3) n-Nitrosodimethylamine	3.721	42	206	0.027	ng	# 1
17) Acenaphthene	14.771	154	1232	0.026	ng	# 74
23) Atrazine	16.913	200	745	0.056	ng	# 1
25) Phenanthrene	17.502	178	3780	0.043	ng	# 68
30) Pyrene	19.882	202	2770	0.031	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.539	149	5134	0.111	ng	# 91

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

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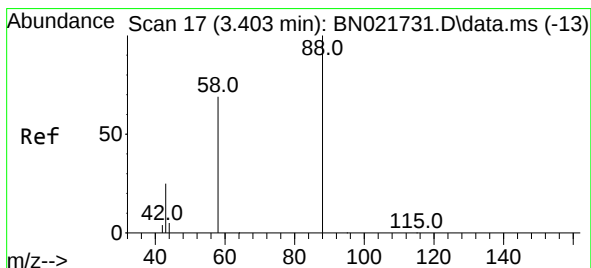
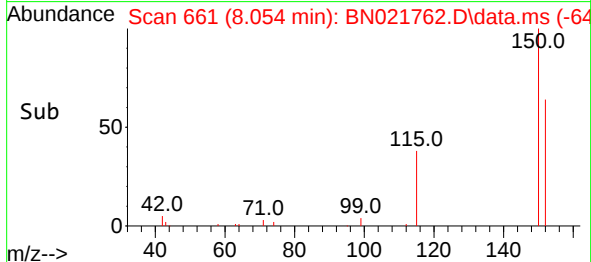
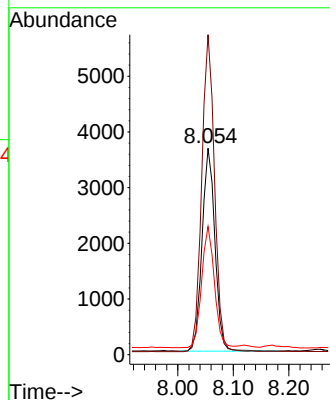
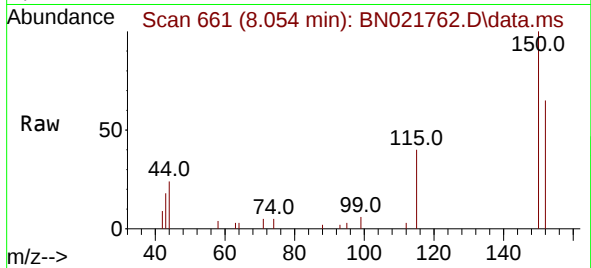




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.054 min Scan# 662
 Delta R.T. -0.008 min
 Lab File: BN021762.D
 Acq: 15 Sep 2022 00:59

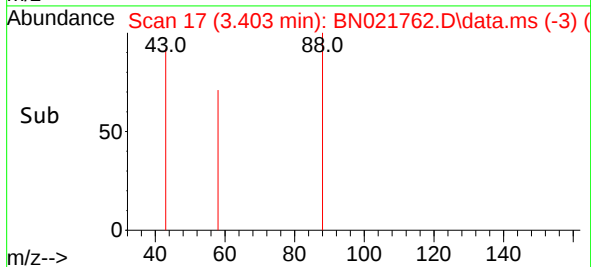
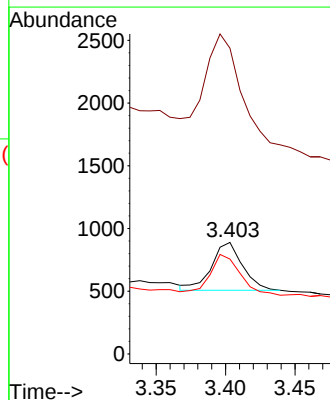
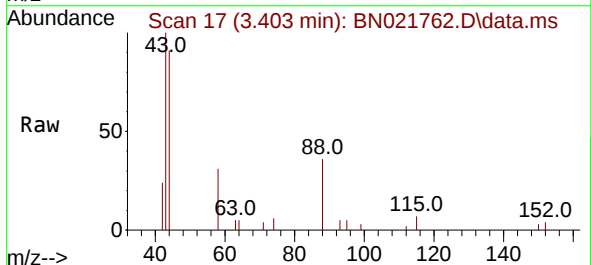
Instrument :
 BNA_N
 ClientSampleId :
 MW-49

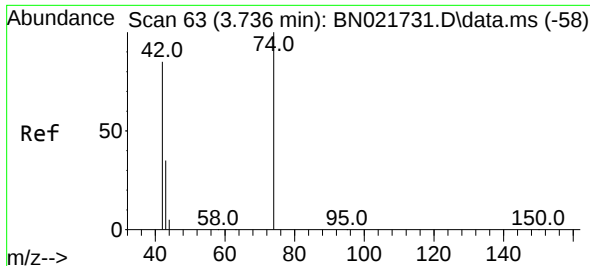
Tgt Ion:152 Resp: 5856
 Ion Ratio Lower Upper
 152 100
 150 155.0 121.8 182.8
 115 62.1 48.3 72.5



#2
 1,4-Dioxane
 Concen: 0.079 ng
 RT: 3.403 min Scan# 17
 Delta R.T. -0.000 min
 Lab File: BN021762.D
 Acq: 15 Sep 2022 00:59

Tgt Ion: 88 Resp: 594
 Ion Ratio Lower Upper
 88 100
 43 270.7 24.2 36.2#
 58 84.2 60.2 90.4

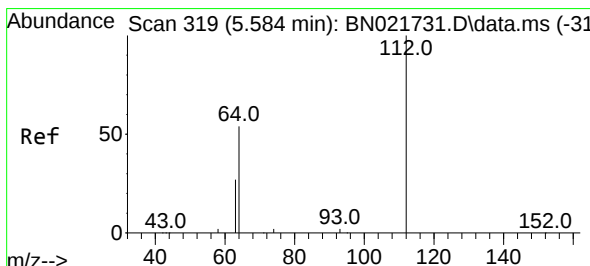
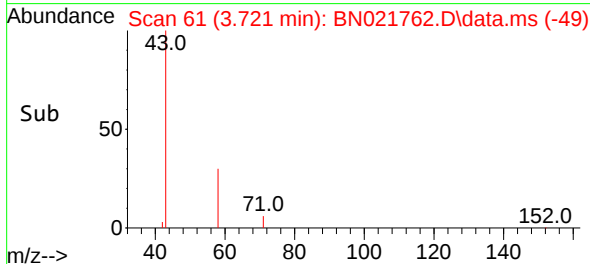
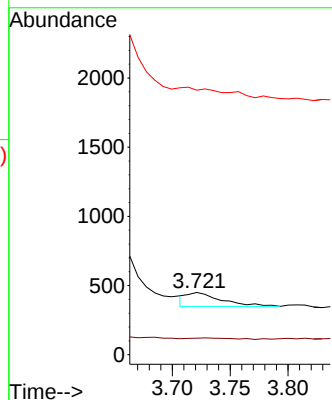
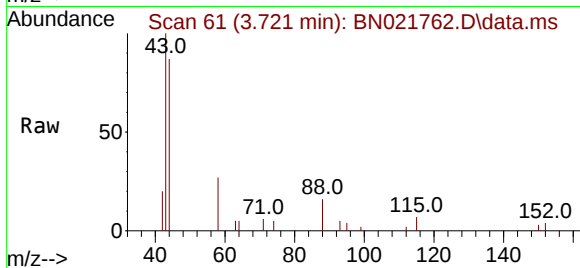




#3
 n-Nitrosodimethylamine
 Concen: 0.027 ng
 RT: 3.721 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN021762.D
 Acq: 15 Sep 2022 00:59

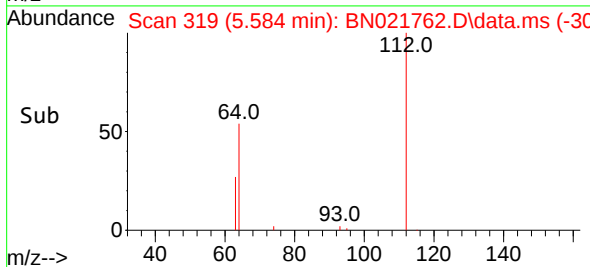
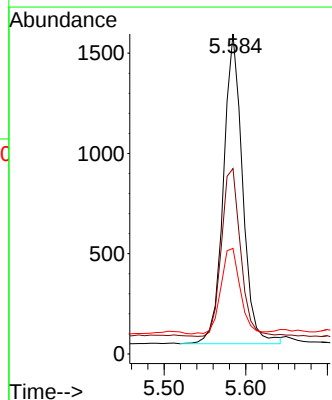
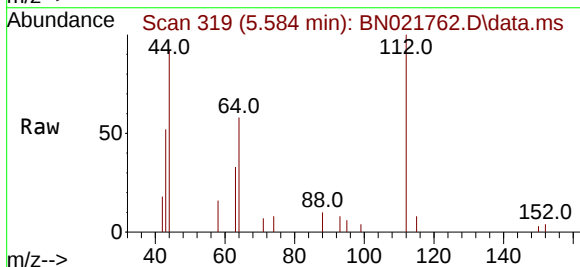
Instrument :
 BNA_N
 ClientSampleId :
 MW-49

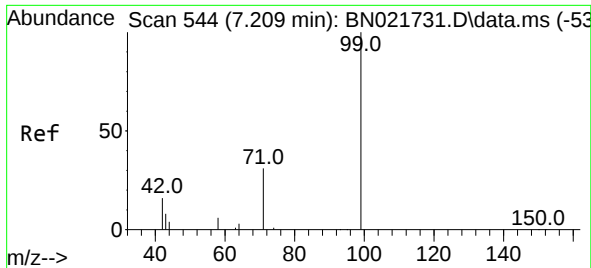
Tgt Ion: 42 Resp: 206
 Ion Ratio Lower Upper
 42 100
 74 13.6 116.3 174.5#
 44 0.0 9.0 13.4#



#4
 2-Fluorophenol
 Concen: 0.164 ng
 RT: 5.584 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: BN021762.D
 Acq: 15 Sep 2022 00:59

Tgt Ion: 112 Resp: 2514
 Ion Ratio Lower Upper
 112 100
 64 54.6 45.4 68.2
 63 27.8 23.3 34.9

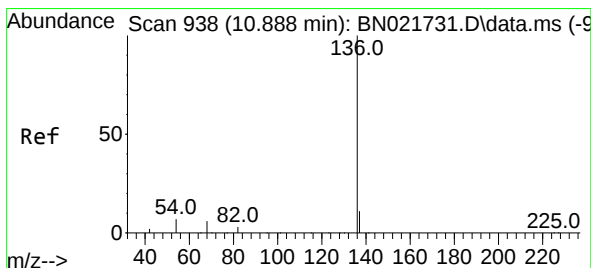
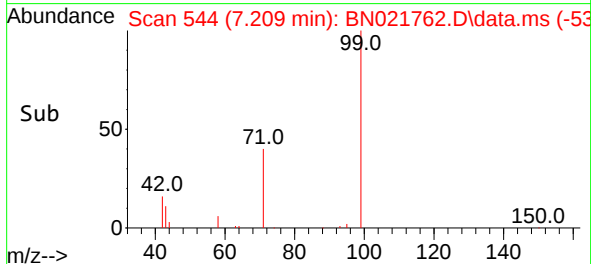
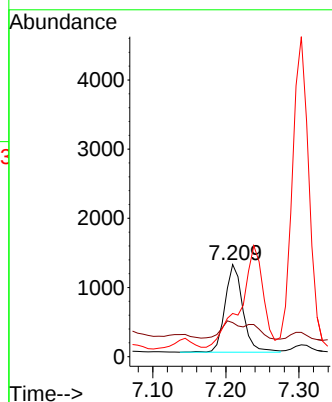
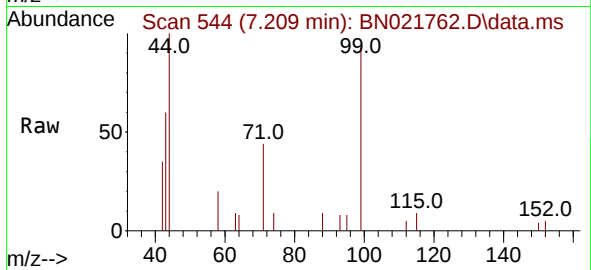




#5
Phenol-d6
Concen: 0.110 ng
RT: 7.209 min Scan# 544
Delta R.T. -0.000 min
Lab File: BN021762.D
Acq: 15 Sep 2022 00:59

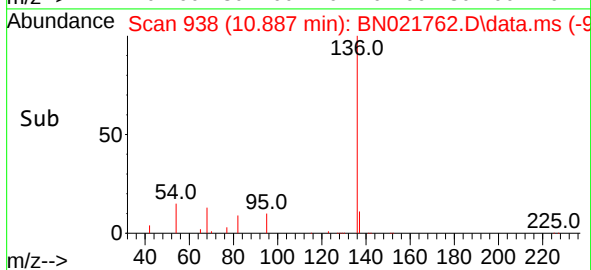
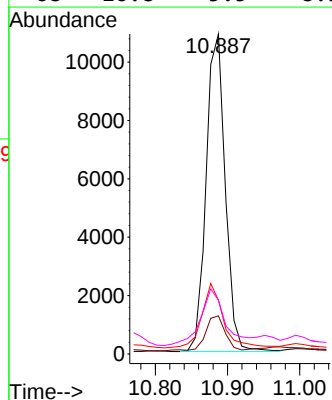
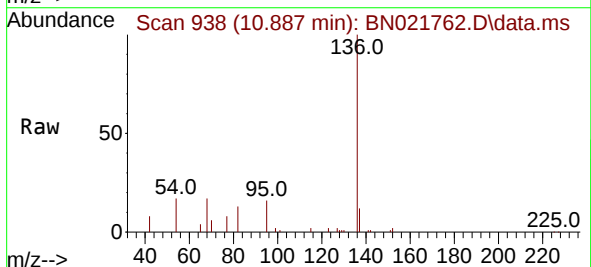
Instrument :
BNA_N
ClientSampleId :
MW-49

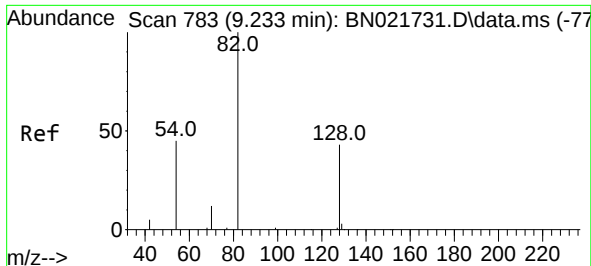
Tgt Ion: 99 Resp: 2141
Ion Ratio Lower Upper
99 100
42 20.8 15.1 22.7
71 0.0 25.3 37.9#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.887 min Scan# 938
Delta R.T. -0.000 min
Lab File: BN021762.D
Acq: 15 Sep 2022 00:59

Tgt Ion: 136 Resp: 20051
Ion Ratio Lower Upper
136 100
137 11.9 9.1 13.7
54 16.8 6.4 9.6#
68 16.8 5.5 8.3#

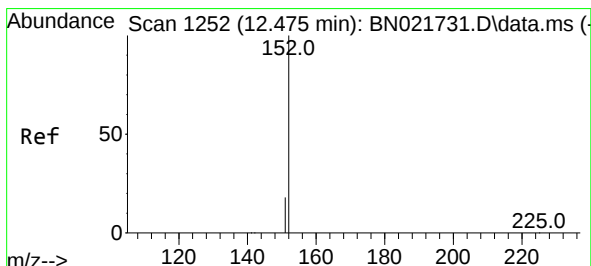
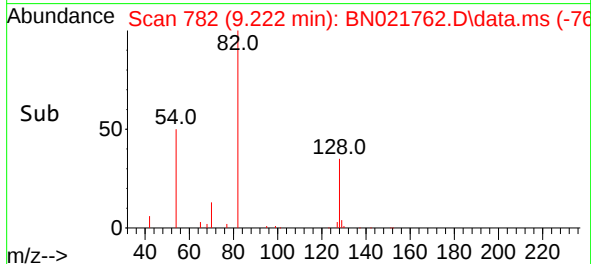
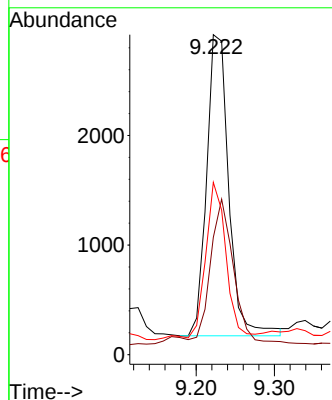
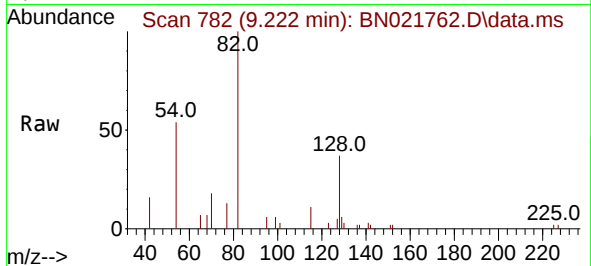




#8
Nitrobenzene-d5
Concen: 0.327 ng
RT: 9.222 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN021762.D
Acq: 15 Sep 2022 00:59

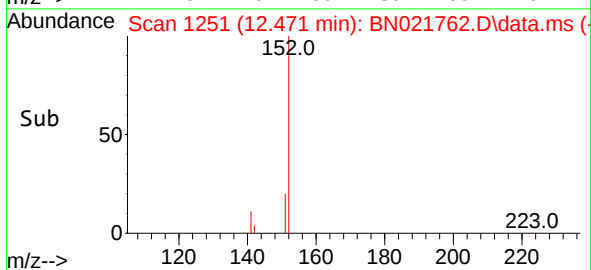
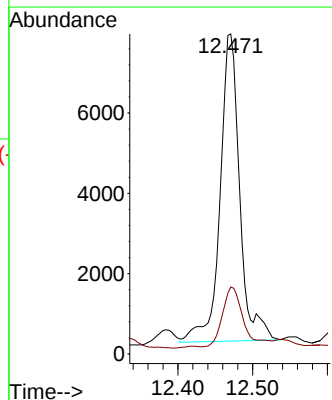
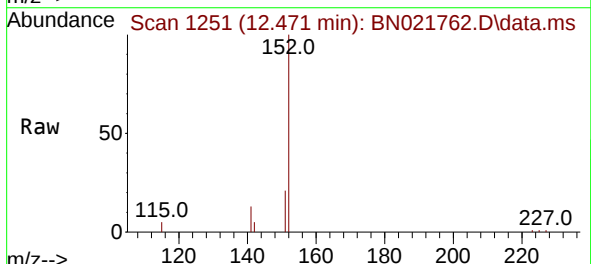
Instrument :
BNA_N
ClientSampleId :
MW-49

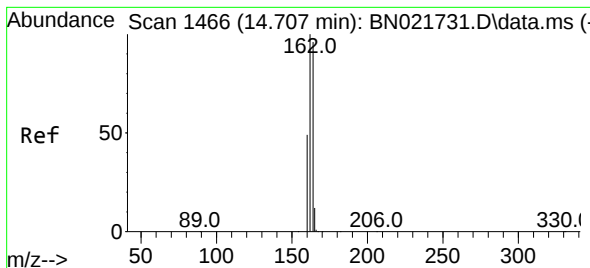
Tgt Ion: 82 Resp: 5427
Ion Ratio Lower Upper
82 100
128 36.6 35.6 53.4
54 53.9 37.8 56.8



#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 12.471 min Scan# 1251
Delta R.T. -0.004 min
Lab File: BN021762.D
Acq: 15 Sep 2022 00:59

Tgt Ion: 152 Resp: 16041
Ion Ratio Lower Upper
152 100
151 27.0 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: BN021762.D

Acq: 15 Sep 2022 00:59

Instrument :

BNA_N

ClientSampleId :

MW-49

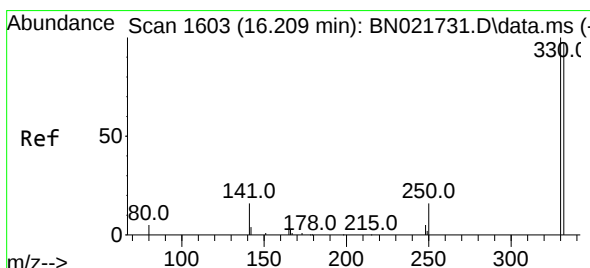
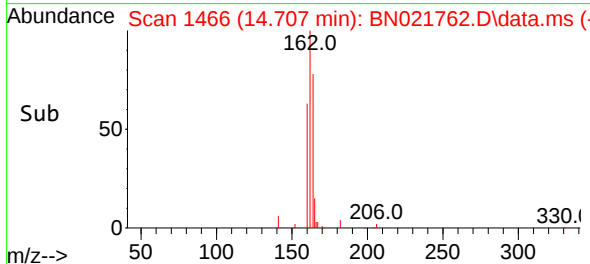
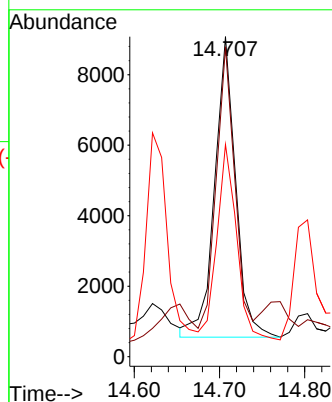
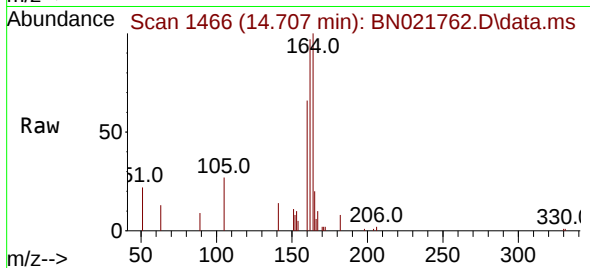
Tgt Ion:164 Resp: 14607

Ion Ratio Lower Upper

164 100

162 96.8 83.2 124.8

160 66.3 40.9 61.3#



#14

2,4,6-Tribromophenol

Concen: 0.434 ng

RT: 16.197 min Scan# 1602

Delta R.T. -0.012 min

Lab File: BN021762.D

Acq: 15 Sep 2022 00:59

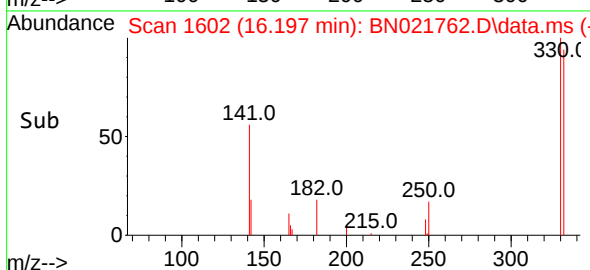
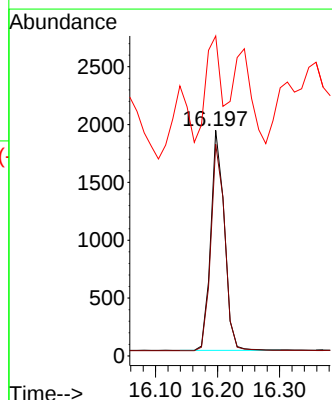
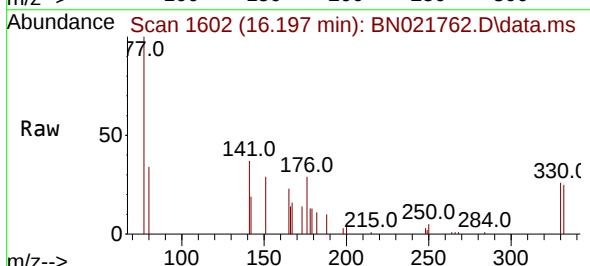
Tgt Ion:330 Resp: 2898

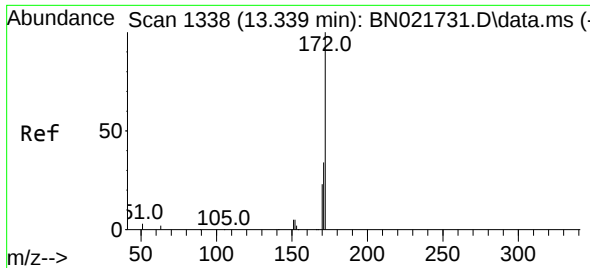
Ion Ratio Lower Upper

330 100

332 96.3 76.8 115.2

141 52.4 37.2 55.8

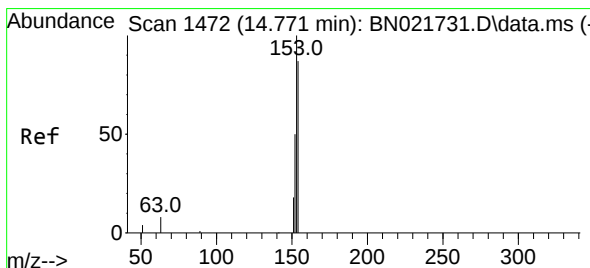
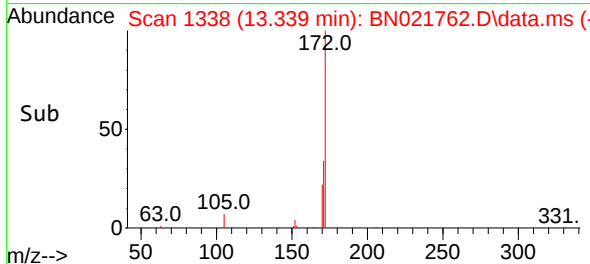
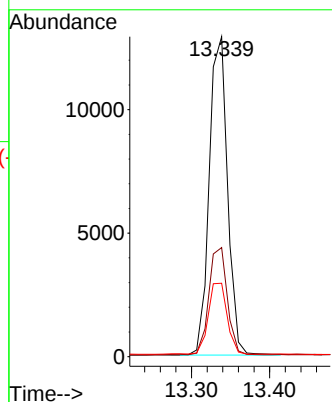
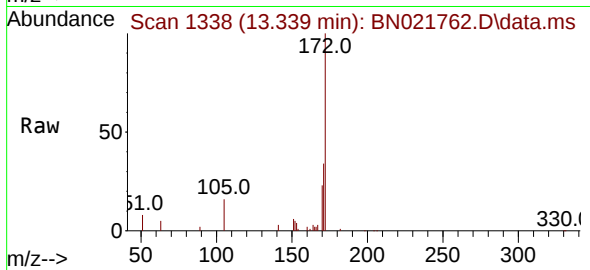




#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 13.339 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BN021762.D
Acq: 15 Sep 2022 00:59

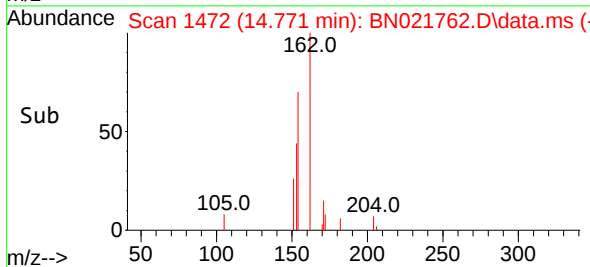
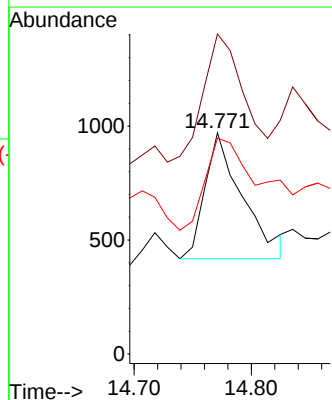
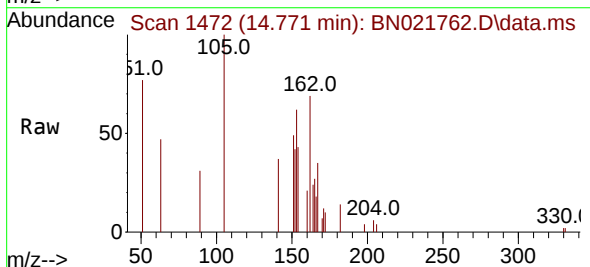
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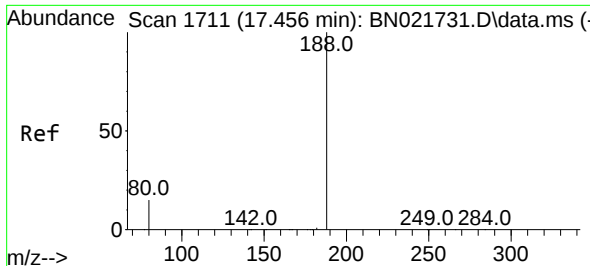
Tgt Ion:172 Resp: 21036
Ion Ratio Lower Upper
172 100
171 34.1 27.7 41.5
170 22.9 18.8 28.2



#17
Acenaphthene
Concen: 0.026 ng
RT: 14.771 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN021762.D
Acq: 15 Sep 2022 00:59

Tgt Ion:154 Resp: 1232
Ion Ratio Lower Upper
154 100
153 109.7 91.0 136.4
152 110.0 46.0 69.0#

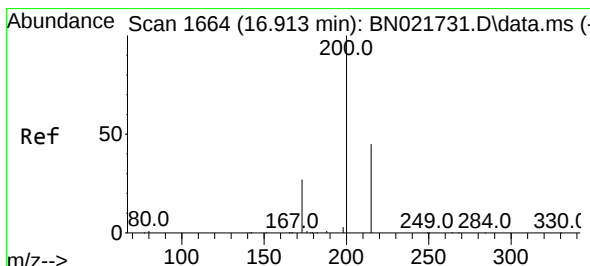
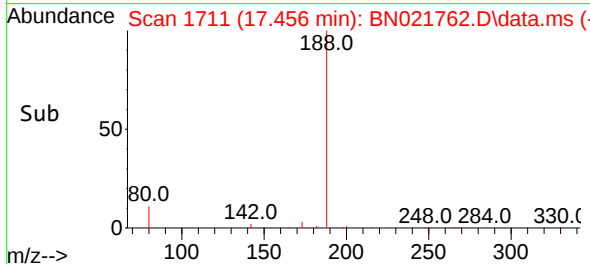
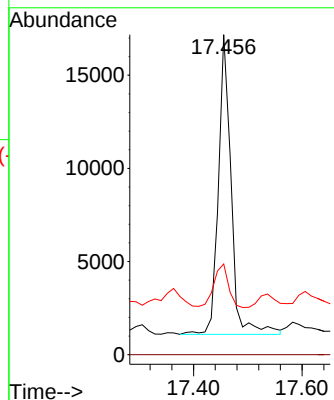
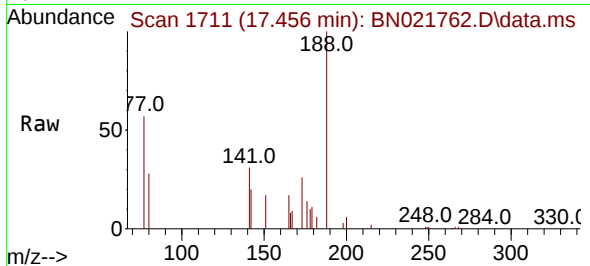




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.456 min Scan# 1711
Delta R.T. -0.000 min
Lab File: BN021762.D
Acq: 15 Sep 2022 00:59

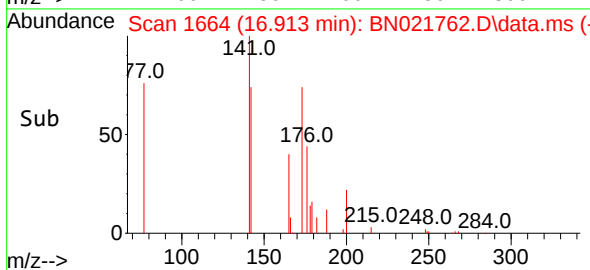
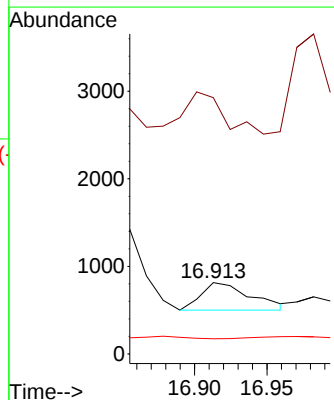
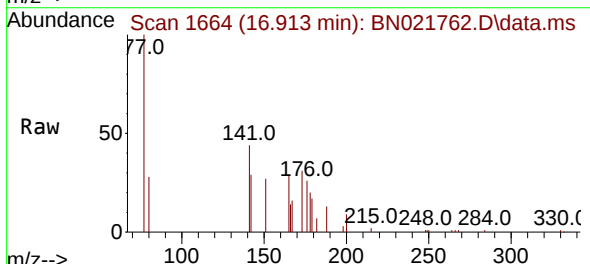
Instrument :
BNA_N
ClientSampleId :
MW-49

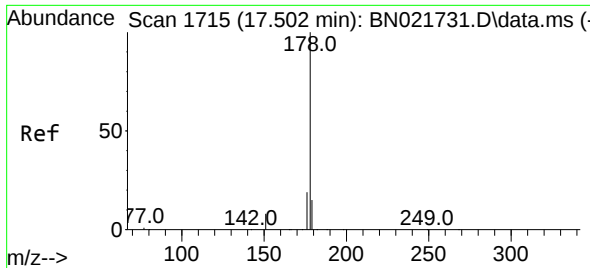
Tgt Ion:188 Resp: 26104
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 28.3 12.6 19.0#



#23
Atrazine
Concen: 0.056 ng
RT: 16.913 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BN021762.D
Acq: 15 Sep 2022 00:59

Tgt Ion:200 Resp: 745
Ion Ratio Lower Upper
200 100
173 359.5 22.9 34.3#
215 21.3 36.9 55.3#

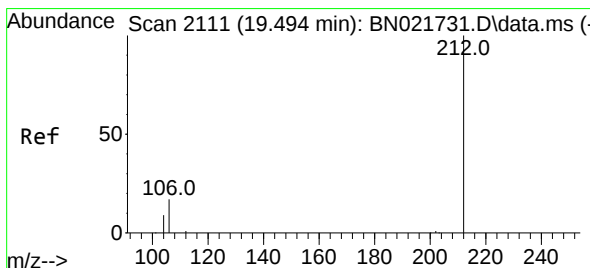
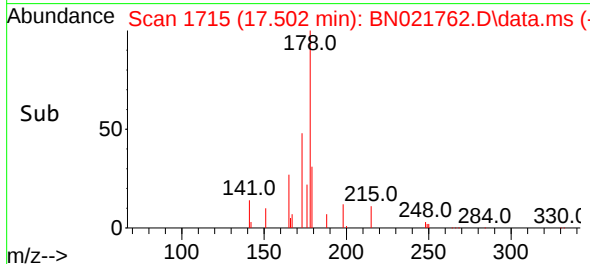
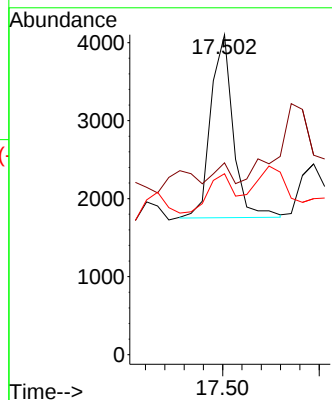
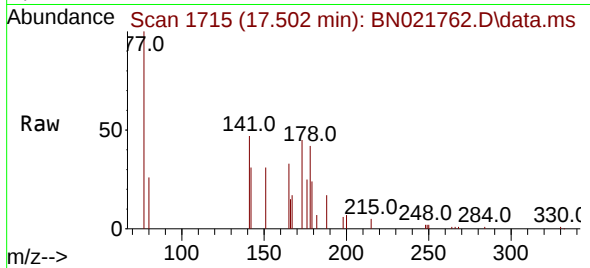




#25
Phenanthrene
Concen: 0.043 ng
RT: 17.502 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN021762.D
Acq: 15 Sep 2022 00:59

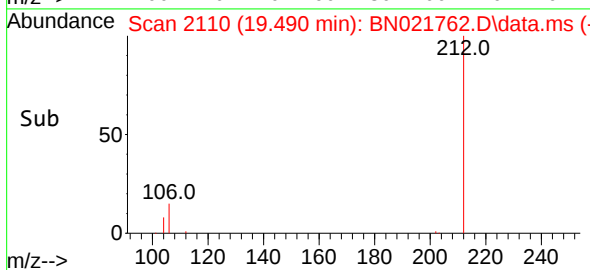
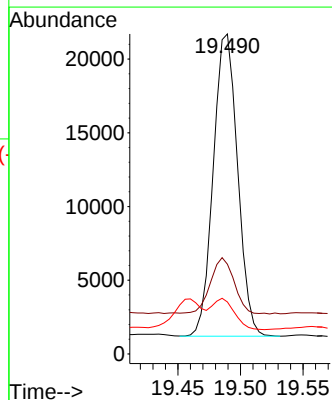
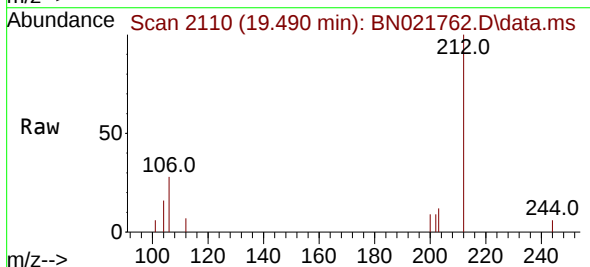
Instrument :
BNA_N
ClientSampleId :
MW-49

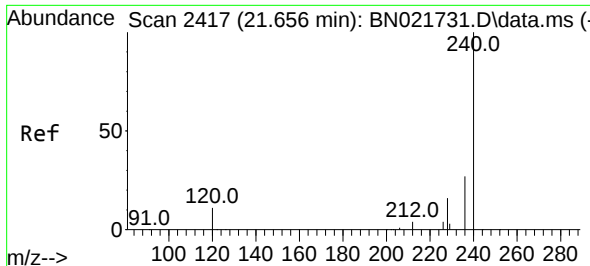
Tgt Ion:178 Resp: 3780
Ion Ratio Lower Upper
178 100
176 0.0 15.3 22.9#
179 23.4 12.2 18.4#



#27
Fluoranthene-d10
Concen: 0.394 ng
RT: 19.490 min Scan# 2110
Delta R.T. -0.004 min
Lab File: BN021762.D
Acq: 15 Sep 2022 00:59

Tgt Ion:212 Resp: 27674
Ion Ratio Lower Upper
212 100
106 18.3 14.3 21.5
104 9.4 8.0 12.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.647 min Scan# 2416

Delta R.T. -0.009 min

Lab File: BN021762.D

Acq: 15 Sep 2022 00:59

Instrument :

BNA_N

ClientSampleId :

MW-49

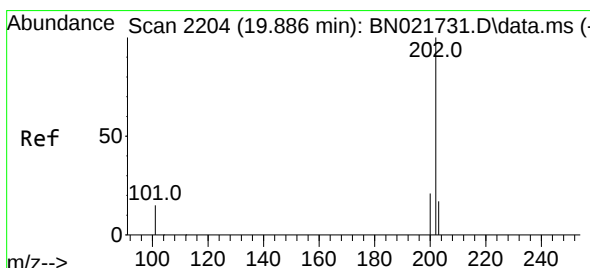
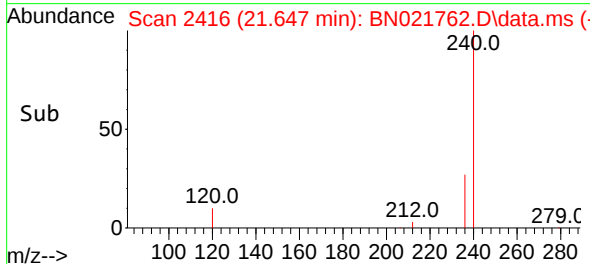
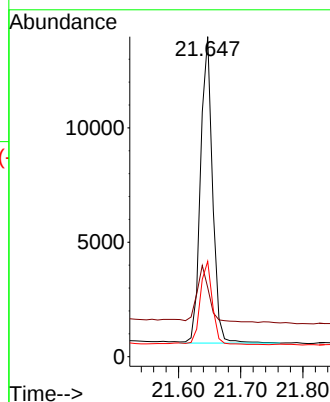
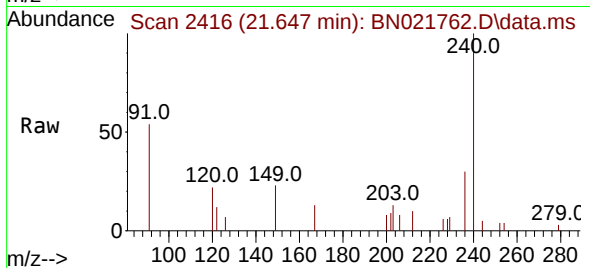
Tgt Ion:240 Resp: 18039

Ion Ratio Lower Upper

240 100

120 21.6 9.8 14.8#

236 29.8 22.2 33.4



#30

Pyrene

Concen: 0.031 ng

RT: 19.882 min Scan# 2203

Delta R.T. -0.004 min

Lab File: BN021762.D

Acq: 15 Sep 2022 00:59

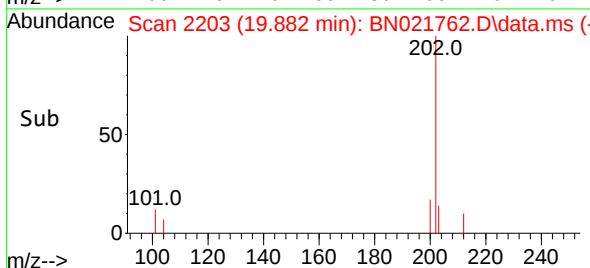
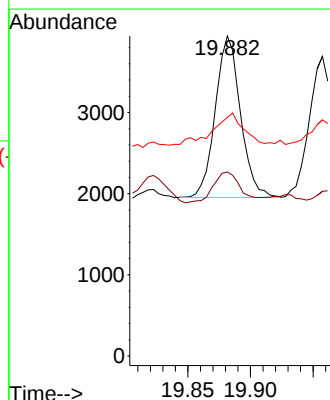
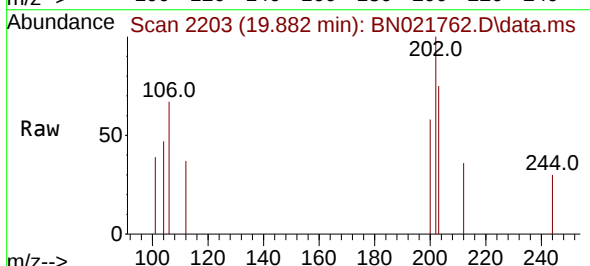
Tgt Ion:202 Resp: 2770

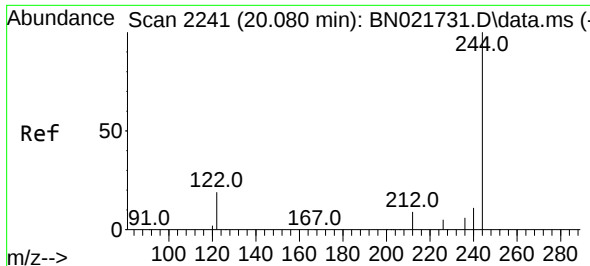
Ion Ratio Lower Upper

202 100

200 20.7 15.0 22.4

203 19.3 12.8 19.2#

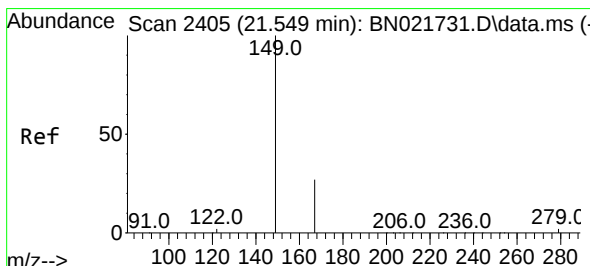
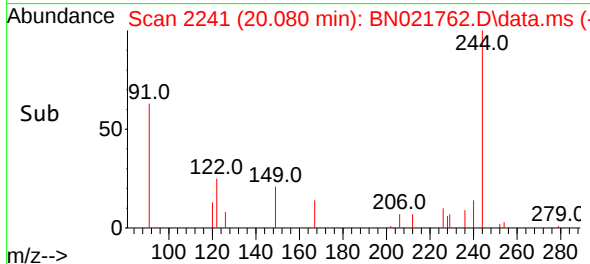
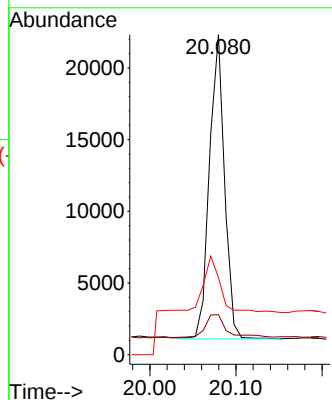
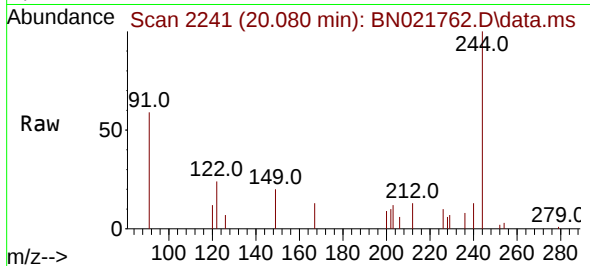




#31
 Terphenyl-d14
 Concen: 0.628 ng
 RT: 20.080 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN021762.D
 Acq: 15 Sep 2022 00:59

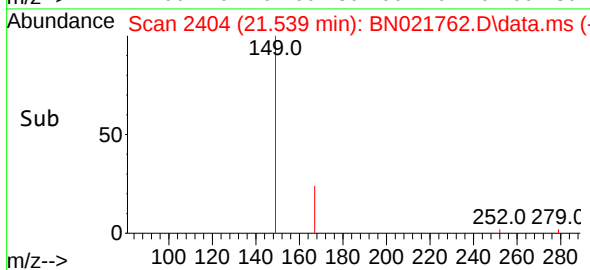
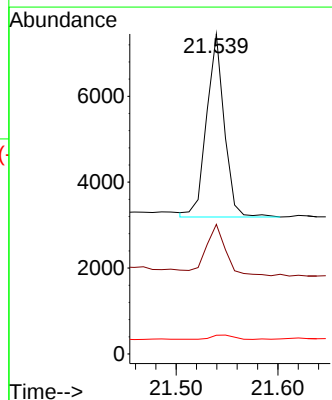
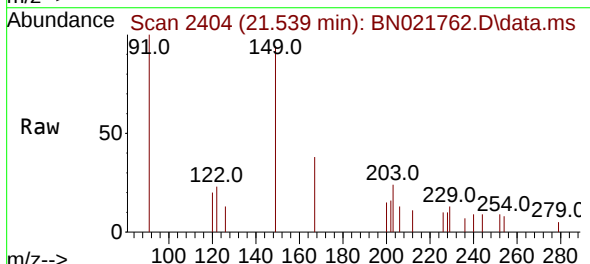
Instrument :
 BNA_N
 ClientSampleId :
 MW-49

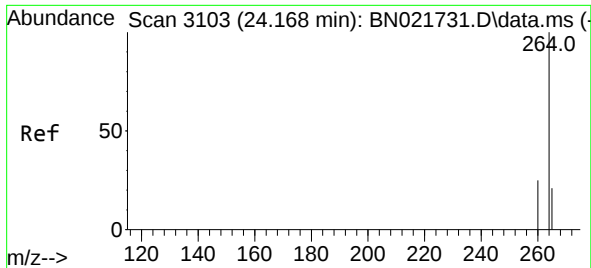
Tgt Ion:244 Resp: 25902
 Ion Ratio Lower Upper
 244 100
 212 12.5 7.9 11.9#
 122 24.1 15.8 23.8#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.111 ng
 RT: 21.539 min Scan# 2404
 Delta R.T. -0.009 min
 Lab File: BN021762.D
 Acq: 15 Sep 2022 00:59

Tgt Ion:149 Resp: 5134
 Ion Ratio Lower Upper
 149 100
 167 30.8 20.8 31.2
 279 3.1 2.1 3.1





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.151 min Scan# 30

Delta R.T. -0.018 min

Lab File: BN021762.D

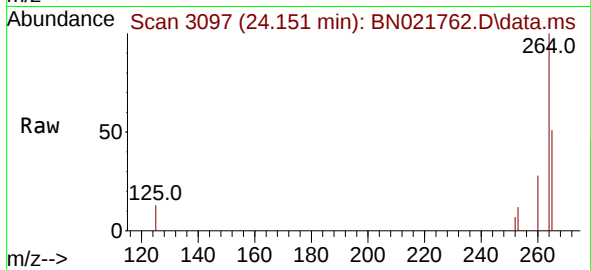
Acq: 15 Sep 2022 00:59

Instrument :

BNA_N

ClientSampleId :

MW-49



Tgt Ion:264 Resp: 13653

Ion Ratio Lower Upper

264 100

260 27.8 20.6 31.0

265 51.3 34.4 51.6

