

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
 Data File : BN021763.D
 Acq On : 15 Sep 2022 01:37
 Operator : CG/JU
 Sample : N4549-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-48

Quant Time: Sep 15 02:15:07 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)

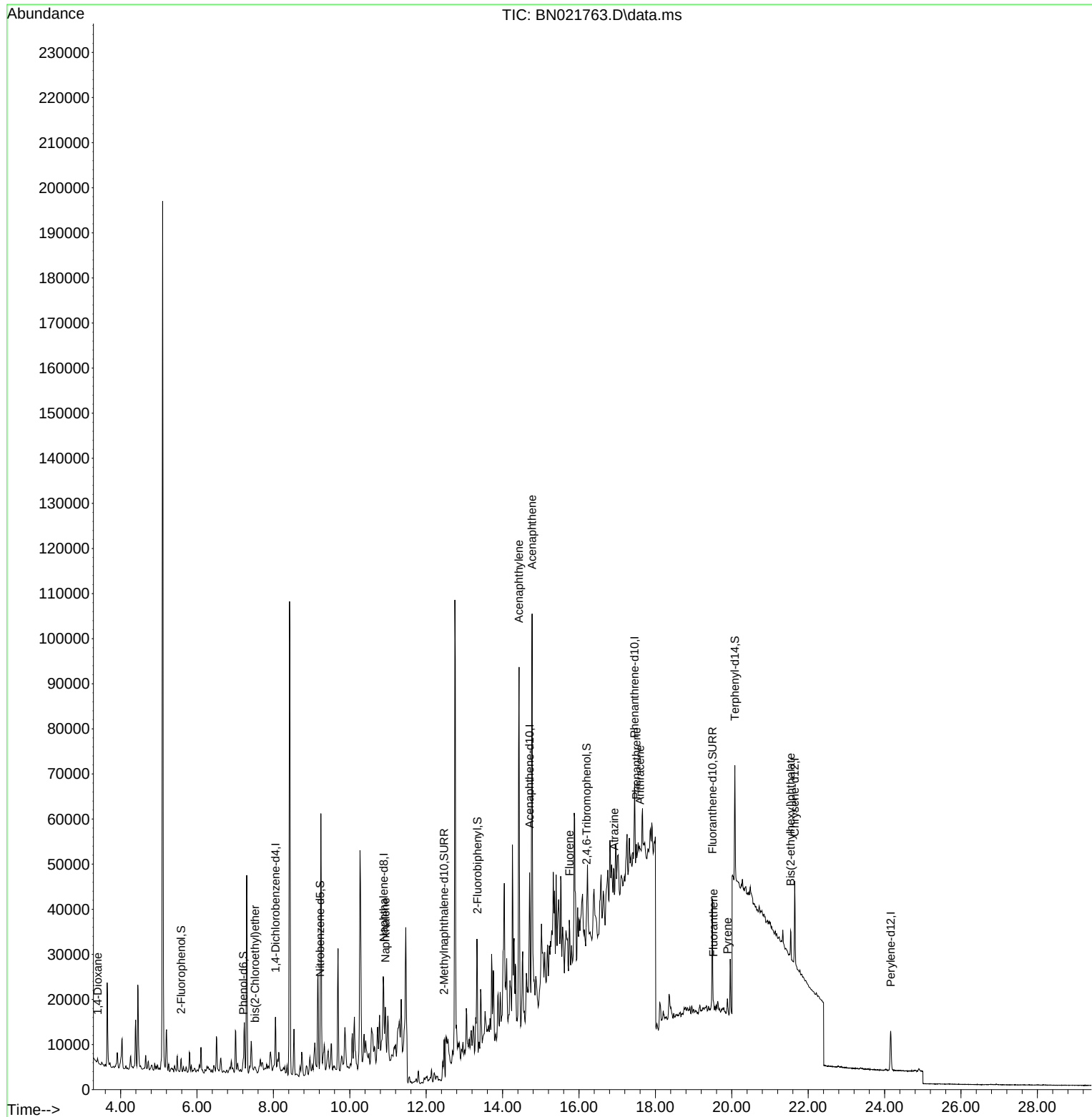
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.054	152	5138	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	18005	0.400	ng	# 0.00
13) Acenaphthene-d10	14.707	164	16477	0.400	ng	# 0.00
19) Phenanthrene-d10	17.456	188	23353	0.400	ng	# 0.00
29) Chrysene-d12	21.647	240	16585	0.400	ng	# 0.00
35) Perylene-d12	24.160	264	12636	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2704	0.201	ng	0.00
5) Phenol-d6	7.209	99	2208	0.130	ng	0.00
8) Nitrobenzene-d5	9.222	82	5247	0.352	ng	-0.01
11) 2-Methylnaphthalene-d10	12.471	152	9989	0.220	ng	0.00
14) 2,4,6-Tribromophenol	16.197	330	2592	0.344	ng	-0.01
15) 2-Fluorobiphenyl	13.339	172	19641	0.292	ng	0.00
27) Fluoranthene-d10	19.490	212	24717	0.393	ng	0.00
31) Terphenyl-d14	20.080	244	21594	0.570	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	435	0.066	ng	# 1
6) bis(2-Chloroethyl)ether	7.520	93	740	0.044	ng	# 44
9) Naphthalene	10.930	128	4893	0.092	ng	# 35
16) Acenaphthylene	14.429	152	9204	0.117	ng	# 1
17) Acenaphthene	14.771	154	40549	0.754	ng	96
18) Fluorene	15.747	166	6620	0.093	ng	# 91
23) Atrazine	16.925	200	1446	0.122	ng	# 1
25) Phenanthrene	17.502	178	1690	0.022	ng	# 53
26) Anthracene	17.594	178	4263	0.064	ng	# 1
28) Fluoranthene	19.519	202	1889	0.022	ng	# 94
30) Pyrene	19.886	202	2732	0.033	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.540	149	6263	0.147	ng	# 86

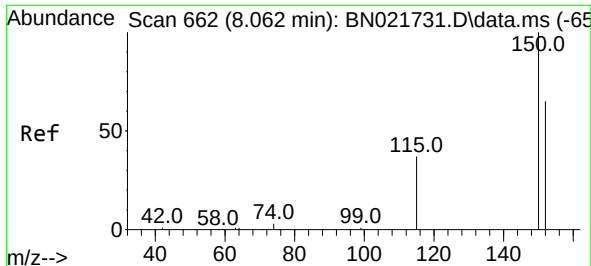
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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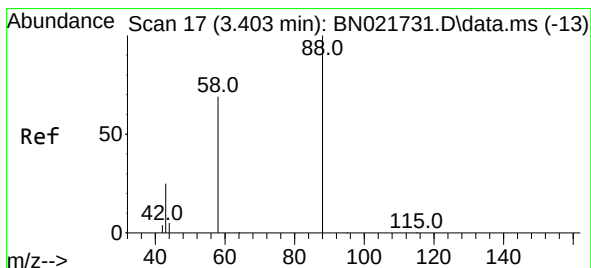
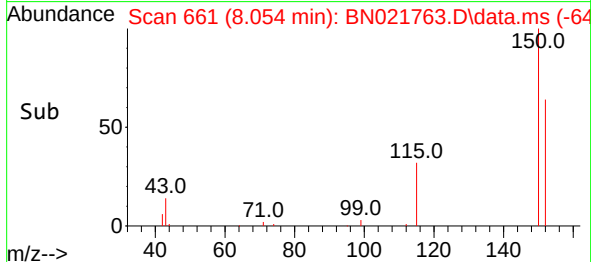
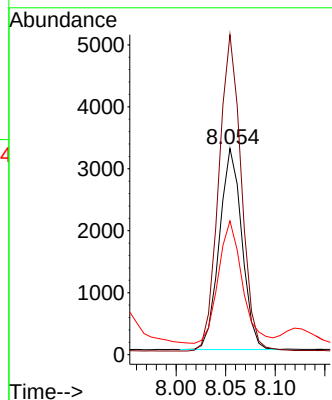
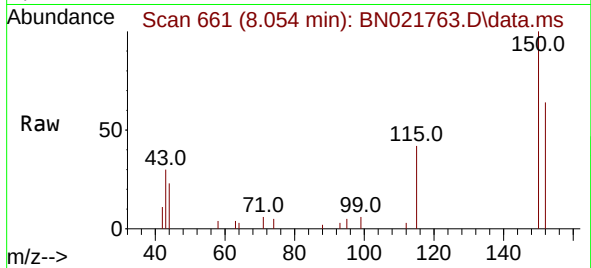




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.054 min Scan# 662
 Delta R.T. -0.008 min
 Lab File: BN021763.D
 Acq: 15 Sep 2022 01:37

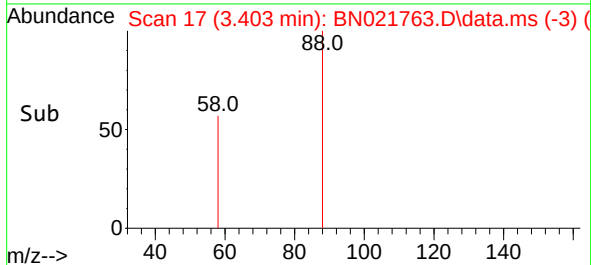
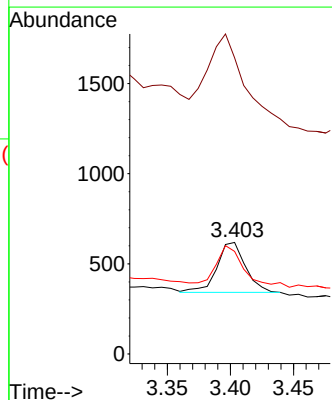
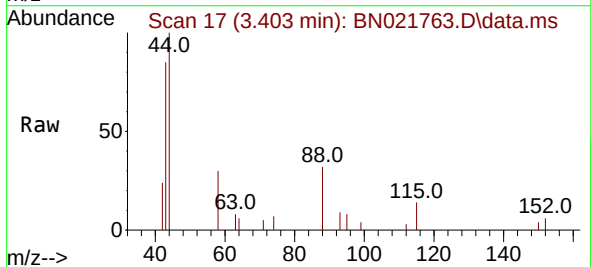
Instrument :
 BNA_N
 ClientSampleId :
 MW-48

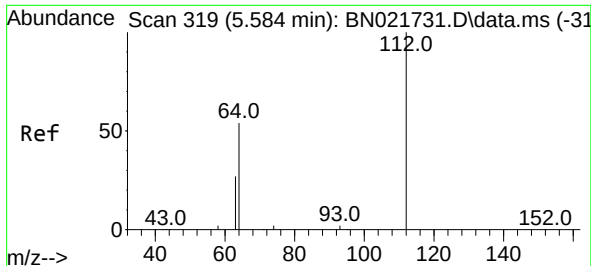
Tgt Ion:152 Resp: 5138
 Ion Ratio Lower Upper
 152 100
 150 155.2 121.8 182.8
 115 64.9 48.3 72.5



#2
 1,4-Dioxane
 Concen: 0.066 ng
 RT: 3.403 min Scan# 17
 Delta R.T. -0.000 min
 Lab File: BN021763.D
 Acq: 15 Sep 2022 01:37

Tgt Ion: 88 Resp: 435
 Ion Ratio Lower Upper
 88 100
 43 204.6 24.2 36.2#
 58 65.7 60.2 90.4

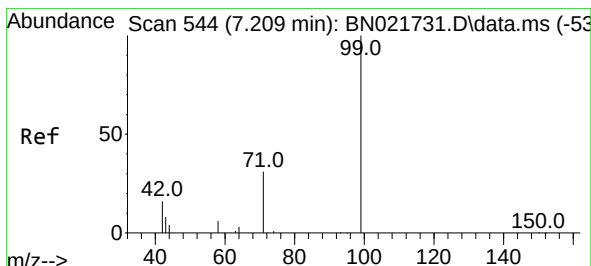
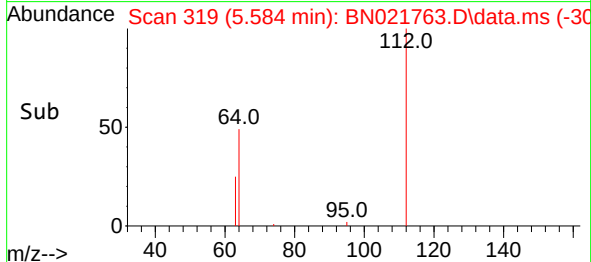
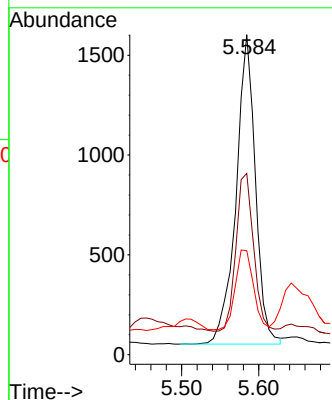
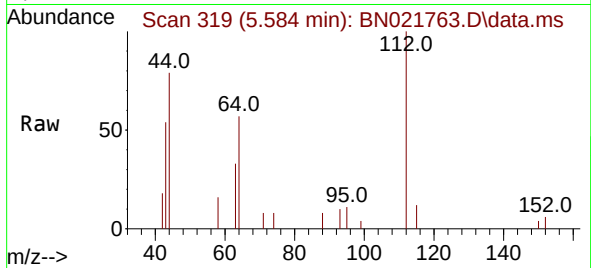




#4
2-Fluorophenol
Concen: 0.201 ng
RT: 5.584 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN021763.D
Acq: 15 Sep 2022 01:37

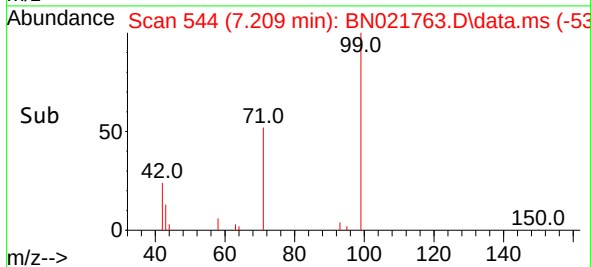
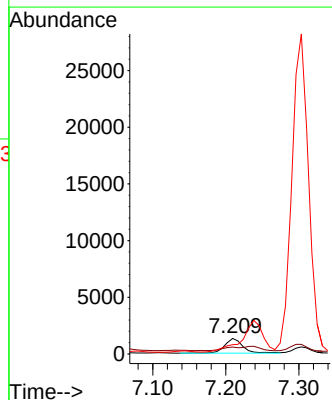
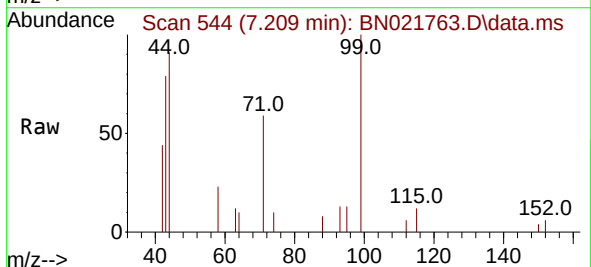
Instrument :
BNA_N
ClientSampleId :
MW-48

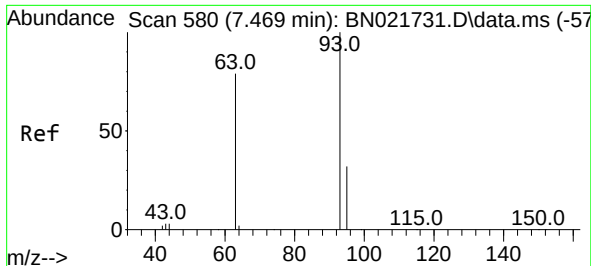
Tgt Ion: 112 Resp: 2704
Ion Ratio Lower Upper
112 100
64 46.7 45.4 68.2
63 24.0 23.3 34.9



#5
Phenol-d6
Concen: 0.130 ng
RT: 7.209 min Scan# 544
Delta R.T. -0.000 min
Lab File: BN021763.D
Acq: 15 Sep 2022 01:37

Tgt Ion: 99 Resp: 2208
Ion Ratio Lower Upper
99 100
42 21.8 15.1 22.7
71 0.0 25.3 37.9#

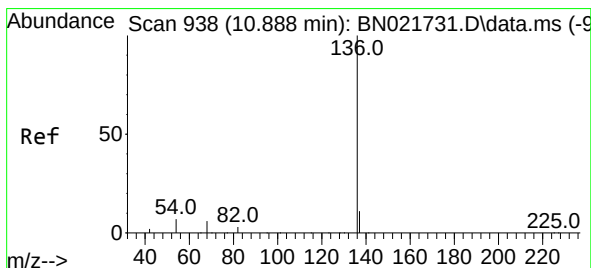
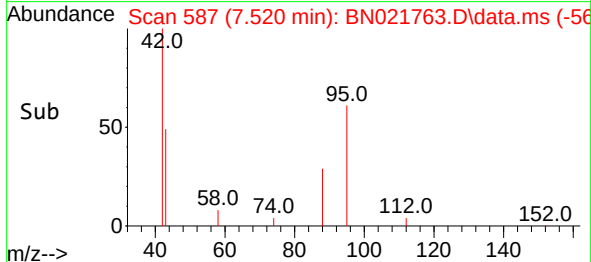
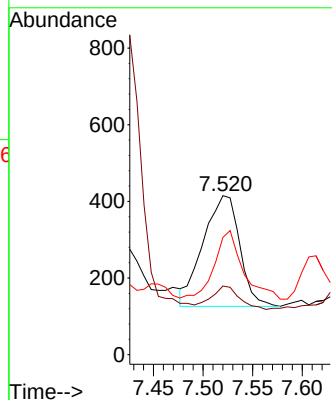
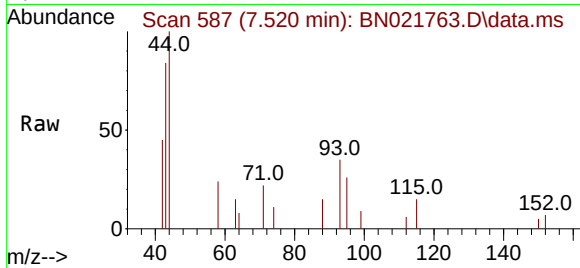




#6
bis(2-Chloroethyl)ether
Concen: 0.044 ng
RT: 7.520 min Scan# 580
Delta R.T. 0.050 min
Lab File: BN021763.D
Acq: 15 Sep 2022 01:37

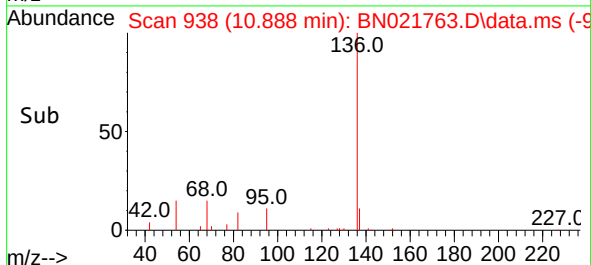
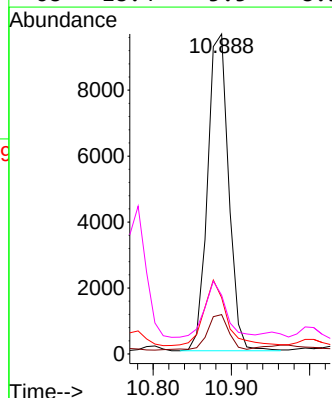
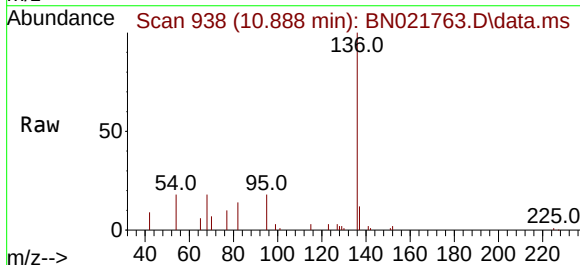
Instrument :
BNA_N
ClientSampleId :
MW-48

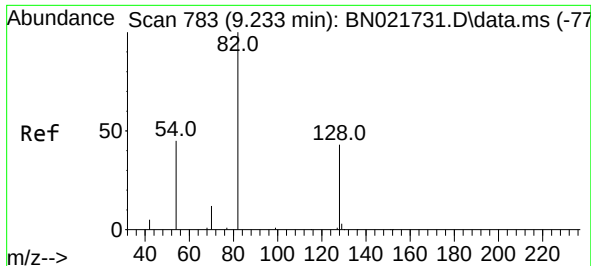
Tgt Ion: 93 Resp: 740
Ion Ratio Lower Upper
93 100
63 16.2 60.0 90.0#
95 48.2 26.2 39.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 938
Delta R.T. -0.000 min
Lab File: BN021763.D
Acq: 15 Sep 2022 01:37

Tgt Ion: 136 Resp: 18005
Ion Ratio Lower Upper
136 100
137 12.3 9.1 13.7
54 17.6 6.4 9.6#
68 18.4 5.5 8.3#

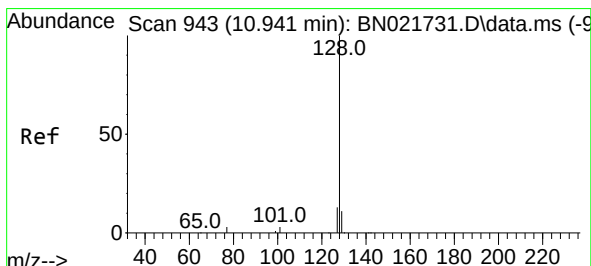
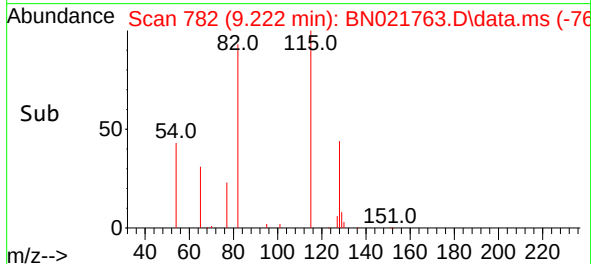
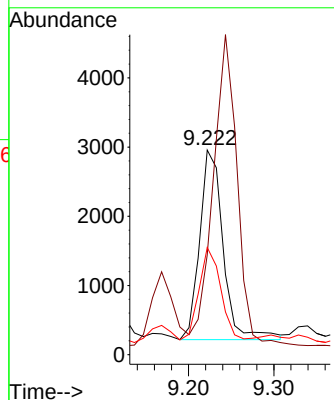
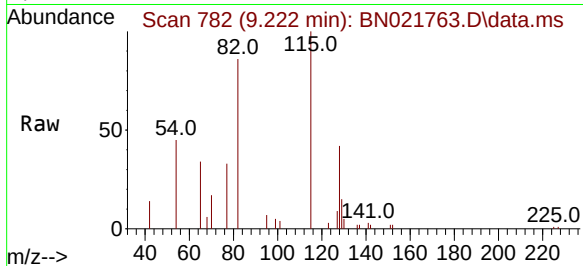




#8
Nitrobenzene-d5
Concen: 0.352 ng
RT: 9.222 min Scan# 782
Delta R.T. -0.011 min
Lab File: BN021763.D
Acq: 15 Sep 2022 01:37

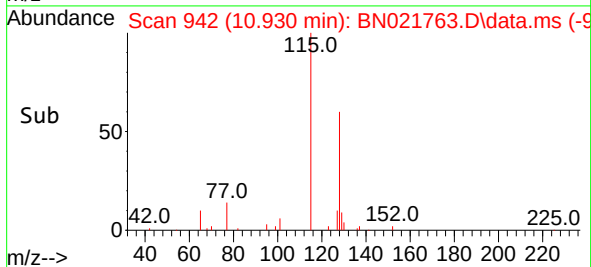
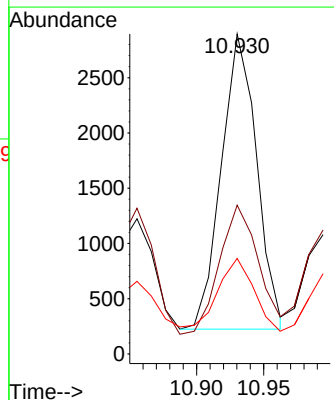
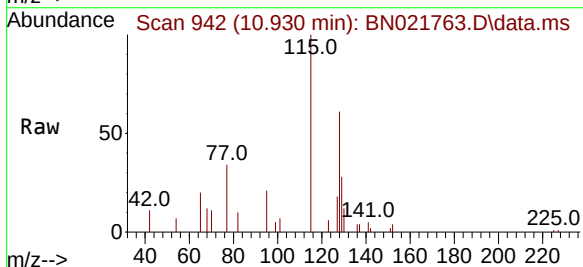
Instrument :
BNA_N
ClientSampleId :
MW-48

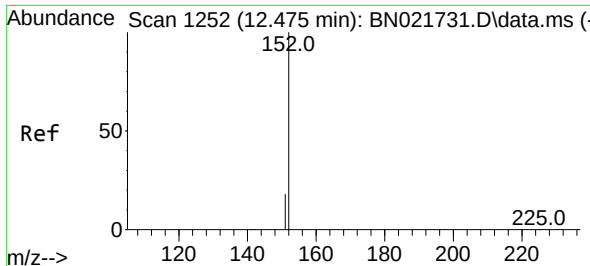
Tgt Ion: 82 Resp: 5247
Ion Ratio Lower Upper
82 100
128 48.7 35.6 53.4
54 52.4 37.8 56.8



#9
Naphthalene
Concen: 0.092 ng
RT: 10.930 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN021763.D
Acq: 15 Sep 2022 01:37

Tgt Ion: 128 Resp: 4893
Ion Ratio Lower Upper
128 100
129 46.5 9.2 13.8#
127 29.9 10.5 15.7#





#11

2-Methylnaphthalene-d10

Concen: 0.220 ng

RT: 12.471 min Scan# 1251

Delta R.T. -0.004 min

Lab File: BN021763.D

Acq: 15 Sep 2022 01:37

Instrument :

BNA_N

ClientSampleId :

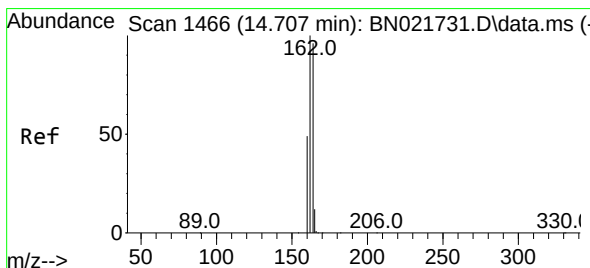
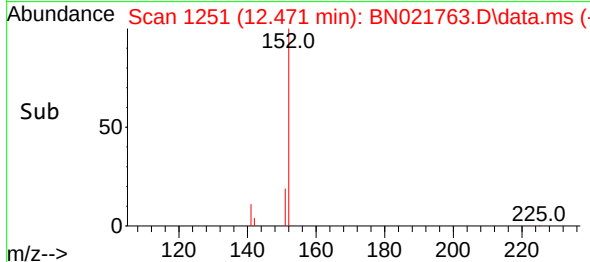
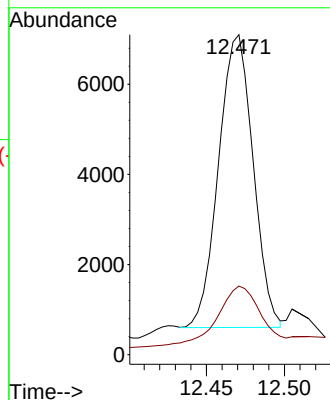
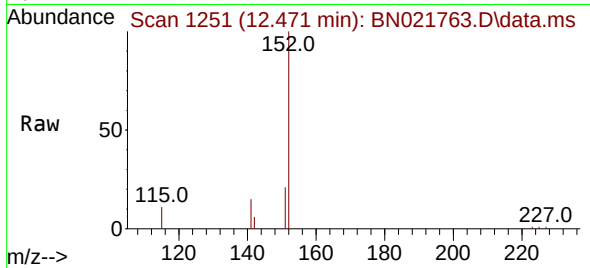
MW-48

Tgt Ion:152 Resp: 9989

Ion Ratio Lower Upper

152 100

151 27.5 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: BN021763.D

Acq: 15 Sep 2022 01:37

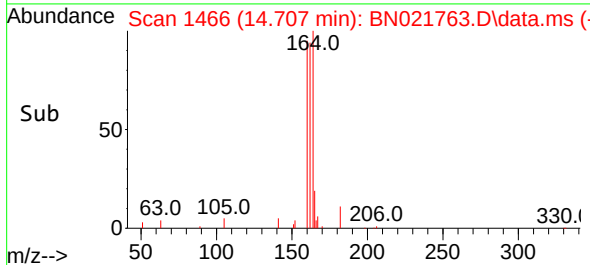
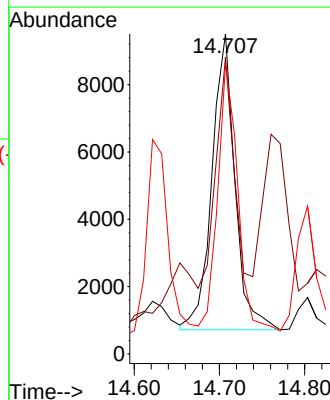
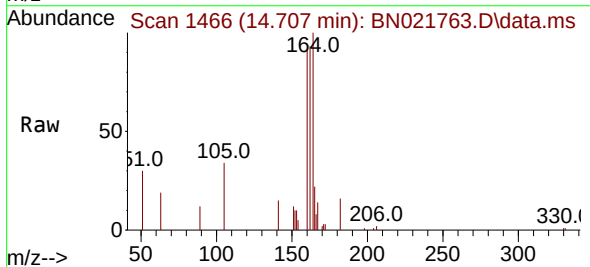
Tgt Ion:164 Resp: 16477

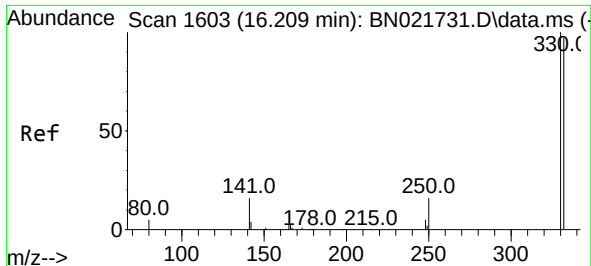
Ion Ratio Lower Upper

164 100

162 92.8 83.2 124.8

160 90.6 40.9 61.3#

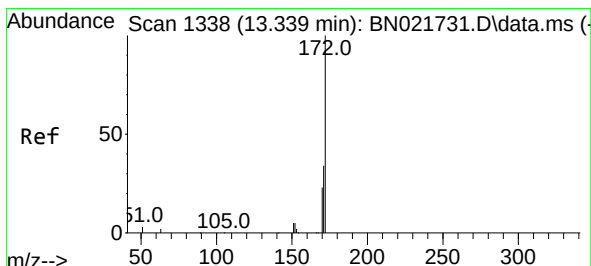
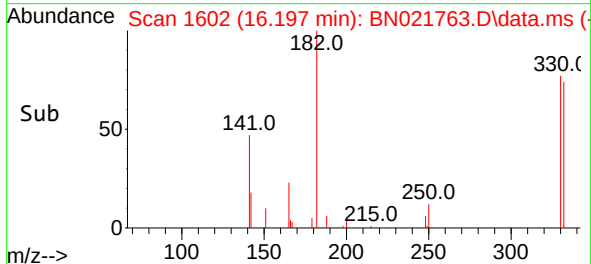
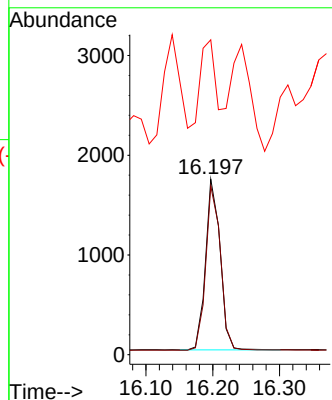
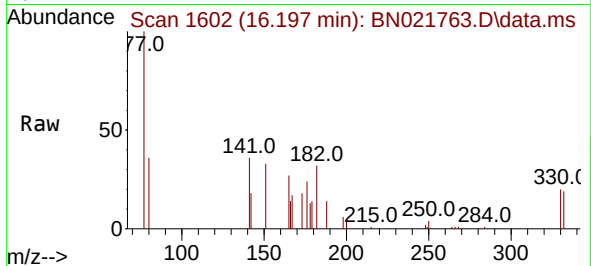




#14
2,4,6-Tribromophenol
Concen: 0.344 ng
RT: 16.197 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BN021763.D
Acq: 15 Sep 2022 01:37

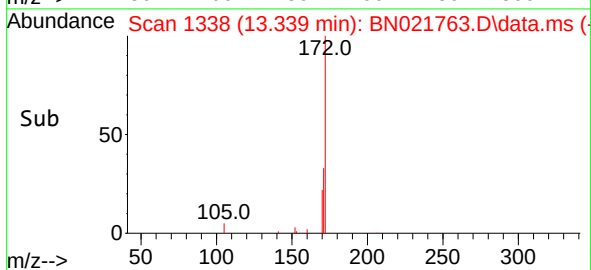
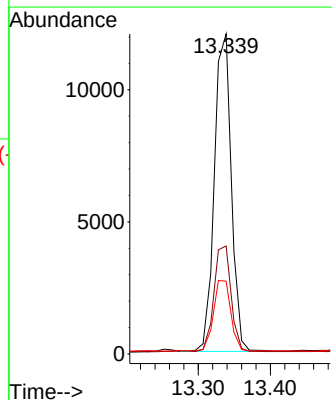
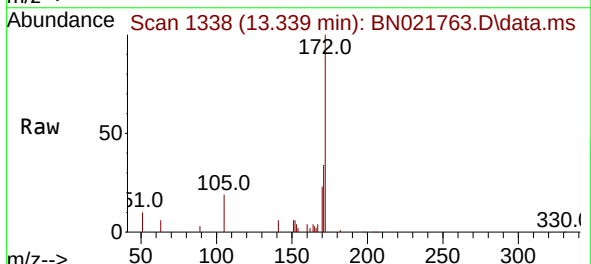
Instrument :
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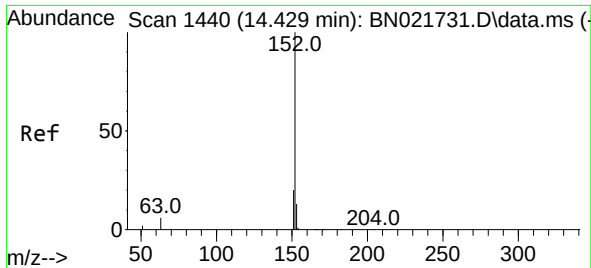
Tgt Ion:330 Resp: 2592
Ion Ratio Lower Upper
330 100
332 97.5 76.8 115.2
141 61.2 37.2 55.8#



#15
2-Fluorobiphenyl
Concen: 0.292 ng
RT: 13.339 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BN021763.D
Acq: 15 Sep 2022 01:37

Tgt Ion:172 Resp: 19641
Ion Ratio Lower Upper
172 100
171 33.7 27.7 41.5
170 22.7 18.8 28.2

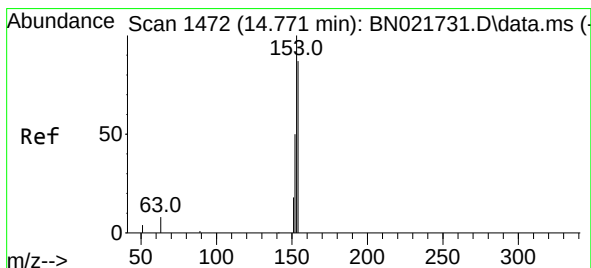
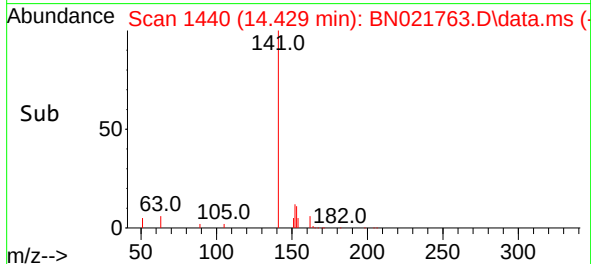
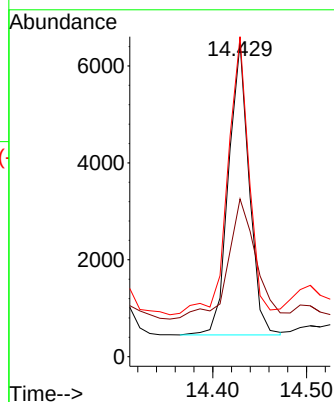
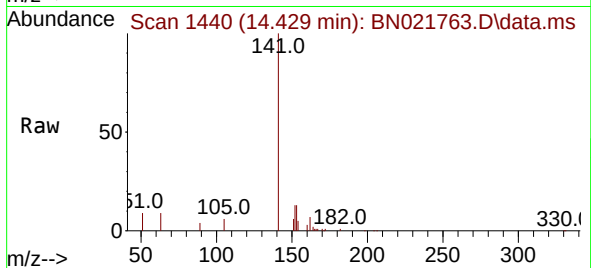




#16
Acenaphthylene
Concen: 0.117 ng
RT: 14.429 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BN021763.D
Acq: 15 Sep 2022 01:37

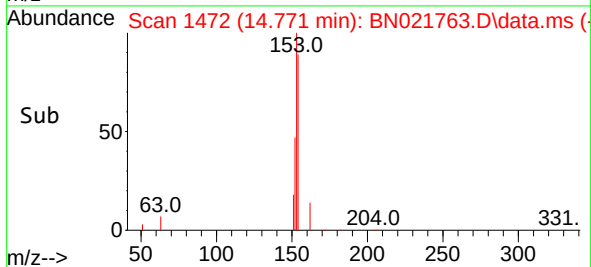
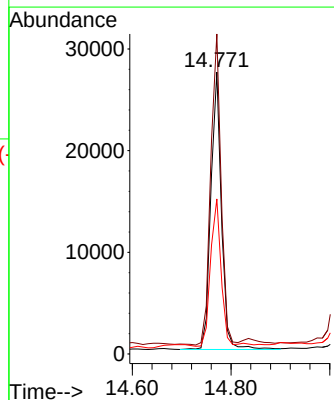
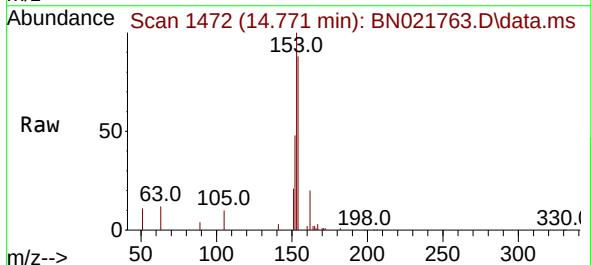
Instrument :
BNA_N
ClientSampleId :
MW-48

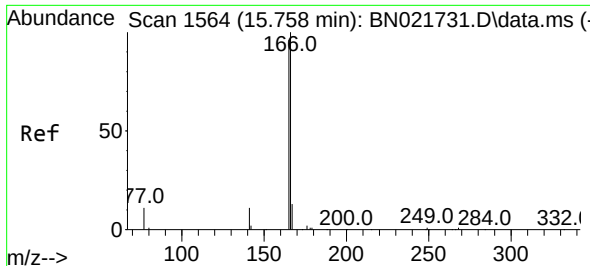
Tgt Ion:152 Resp: 9204
Ion Ratio Lower Upper
152 100
151 56.6 15.4 23.0#
153 97.5 10.3 15.5#



#17
Acenaphthene
Concen: 0.754 ng
RT: 14.771 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN021763.D
Acq: 15 Sep 2022 01:37

Tgt Ion:154 Resp: 40549
Ion Ratio Lower Upper
154 100
153 110.1 91.0 136.4
152 52.8 46.0 69.0

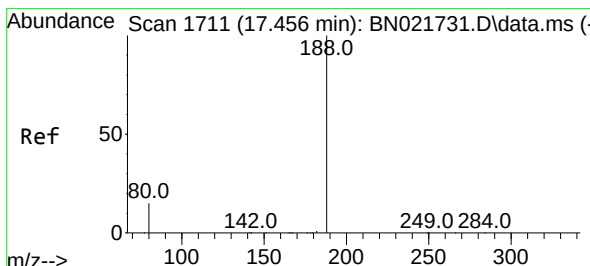
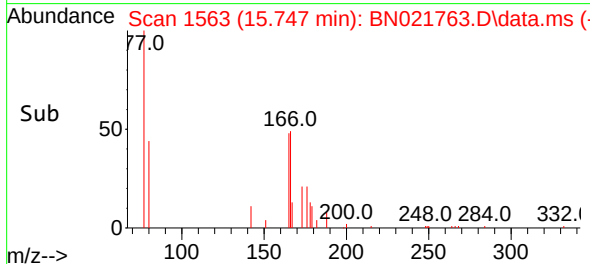
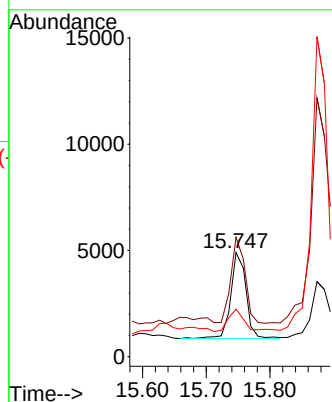
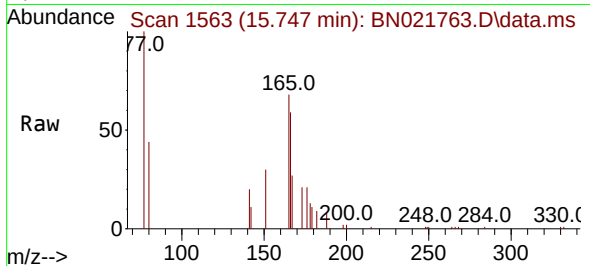




#18
 Fluorene
 Concen: 0.093 ng
 RT: 15.747 min Scan# 1563
 Delta R.T. -0.012 min
 Lab File: BN021763.D
 Acq: 15 Sep 2022 01:37

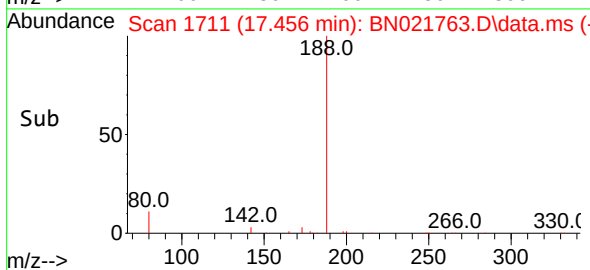
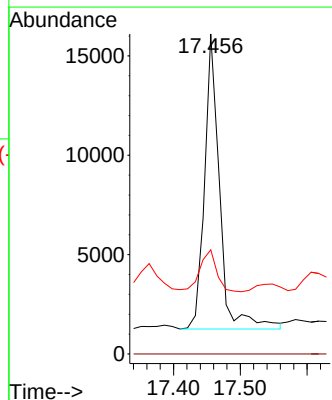
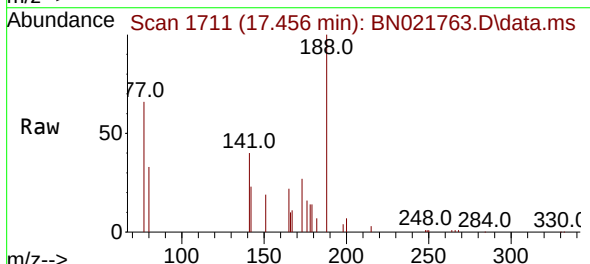
Instrument :
 BNA_N
 ClientSampleId :
 MW-48

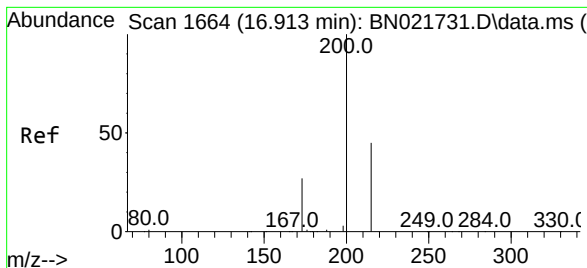
Tgt Ion:166 Resp: 6620
 Ion Ratio Lower Upper
 166 100
 165 93.8 79.4 119.0
 167 26.3 10.6 15.8#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.456 min Scan# 1711
 Delta R.T. -0.000 min
 Lab File: BN021763.D
 Acq: 15 Sep 2022 01:37

Tgt Ion:188 Resp: 23353
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 32.6 12.6 19.0#





#23

Atrazine

Concen: 0.122 ng

RT: 16.925 min Scan# 1

Delta R.T. 0.011 min

Lab File: BN021763.D

Acq: 15 Sep 2022 01:37

Instrument :

BNA_N

ClientSampleId :

MW-48

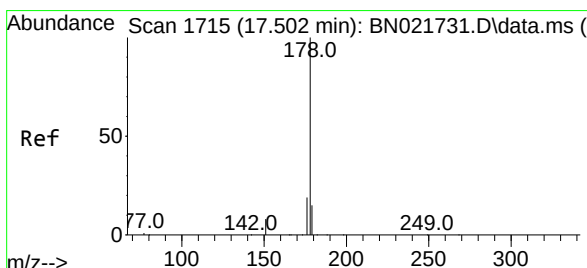
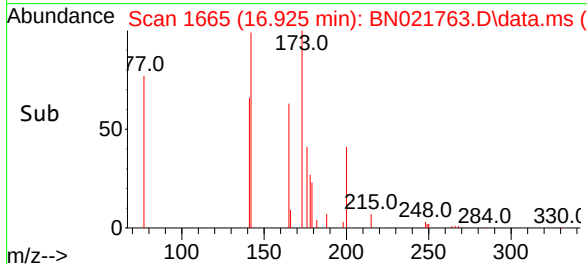
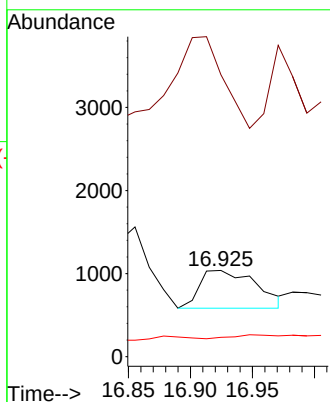
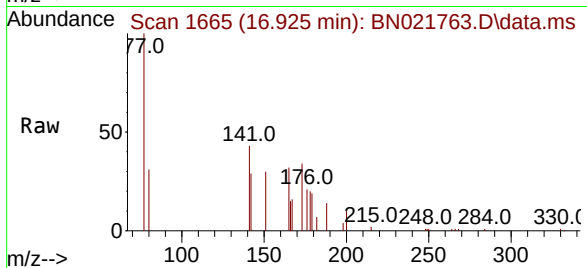
Tgt Ion:200 Resp: 1446

Ion Ratio Lower Upper

200 100

173 327.2 22.9 34.3#

215 22.5 36.9 55.3#



#25

Phenanthrene

Concen: 0.022 ng

RT: 17.502 min Scan# 1715

Delta R.T. -0.000 min

Lab File: BN021763.D

Acq: 15 Sep 2022 01:37

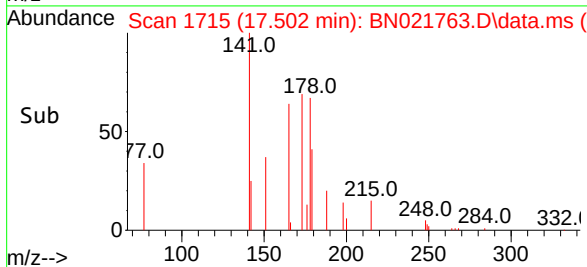
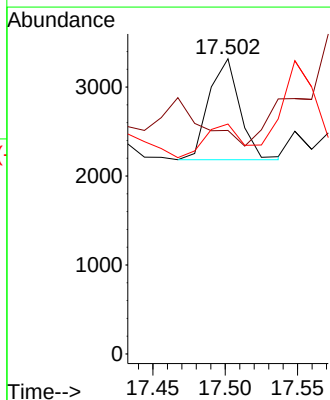
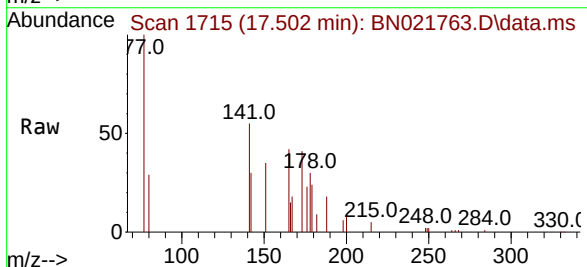
Tgt Ion:178 Resp: 1690

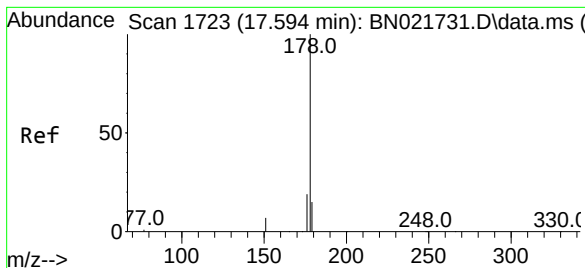
Ion Ratio Lower Upper

178 100

176 0.0 15.3 22.9#

179 37.4 12.2 18.4#





#26

Anthracene

Concen: 0.064 ng

RT: 17.594 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN021763.D

Acq: 15 Sep 2022 01:37

Instrument :

BNA_N

ClientSampleId :

MW-48

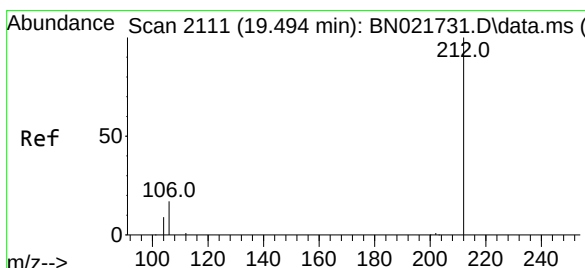
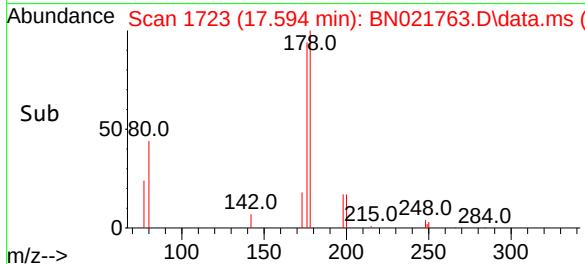
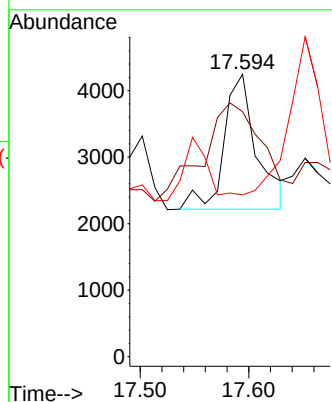
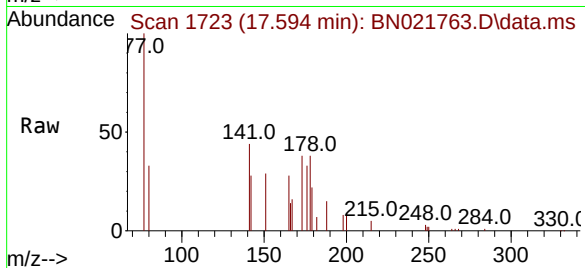
Tgt Ion:178 Resp: 4263

Ion Ratio Lower Upper

178 100

176 134.3 15.0 22.6#

179 0.0 12.2 18.2#



#27

Fluoranthene-d10

Concen: 0.393 ng

RT: 19.490 min Scan# 2110

Delta R.T. -0.004 min

Lab File: BN021763.D

Acq: 15 Sep 2022 01:37

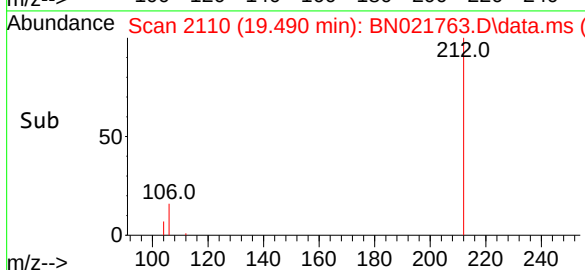
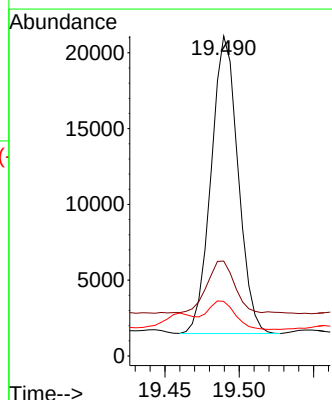
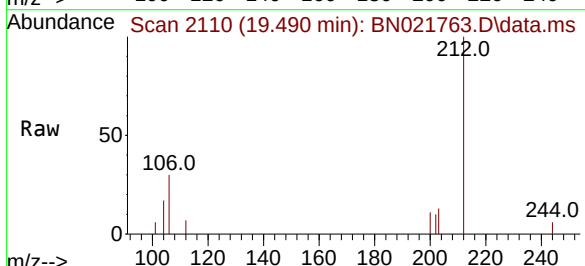
Tgt Ion:212 Resp: 24717

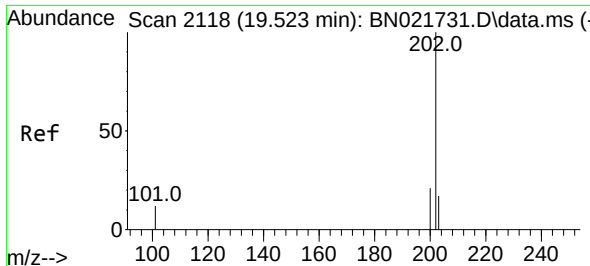
Ion Ratio Lower Upper

212 100

106 19.1 14.3 21.5

104 9.6 8.0 12.0

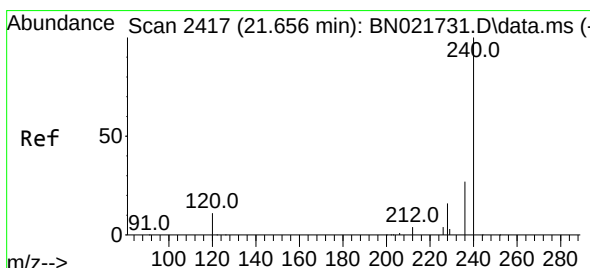
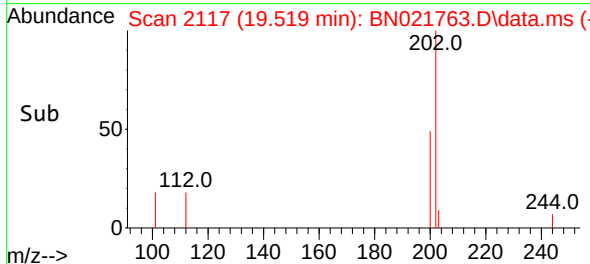
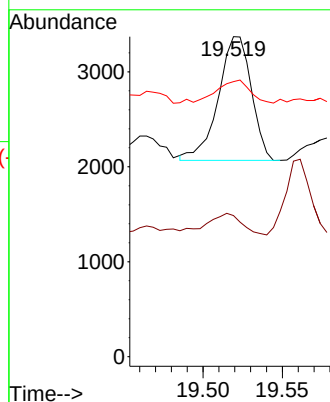
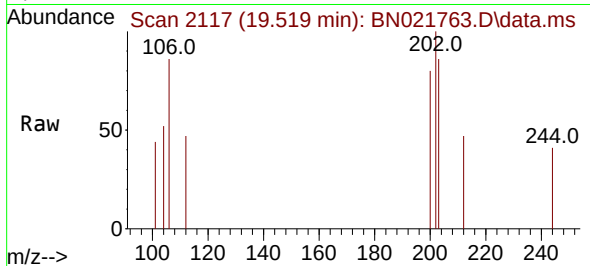




#28
Fluoranthene
Concen: 0.022 ng
RT: 19.519 min Scan# 2117
Delta R.T. -0.004 min
Lab File: BN021763.D
Acq: 15 Sep 2022 01:37

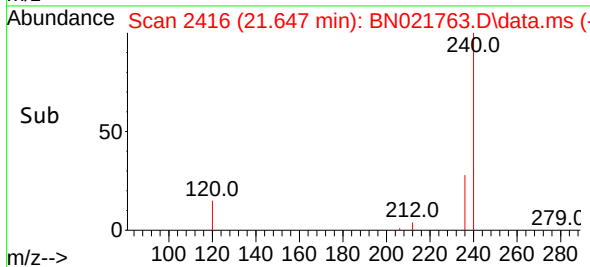
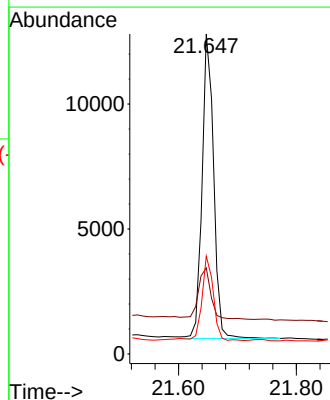
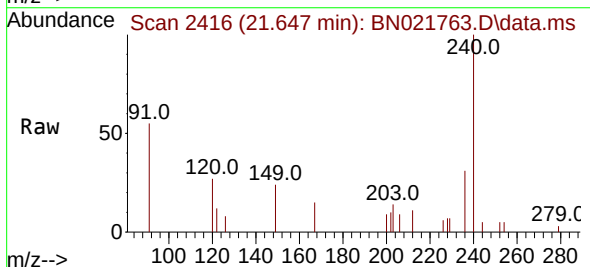
Instrument :
BNA_N
ClientSampleId :
MW-48

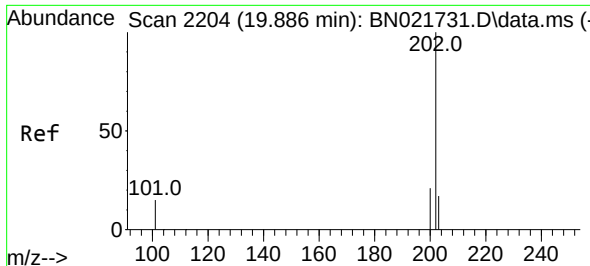
Tgt Ion:202 Resp: 1889
Ion Ratio Lower Upper
202 100
101 16.7 11.0 16.4#
203 18.8 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.647 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BN021763.D
Acq: 15 Sep 2022 01:37

Tgt Ion:240 Resp: 16585
Ion Ratio Lower Upper
240 100
120 26.9 9.8 14.8#
236 30.6 22.2 33.4

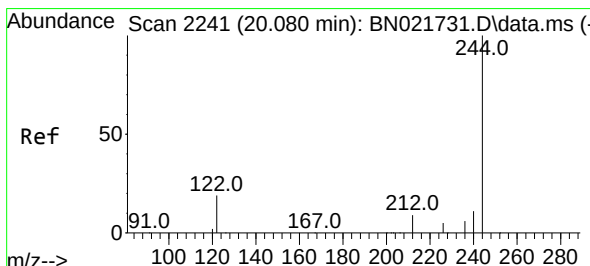
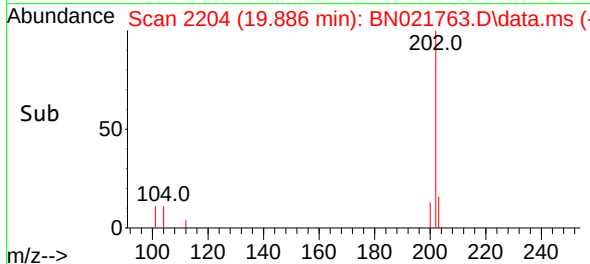
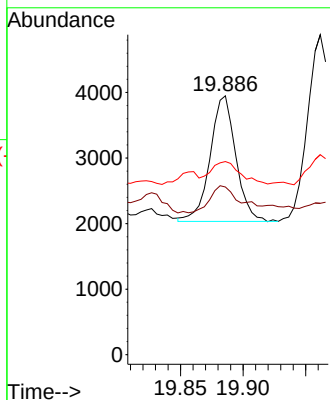
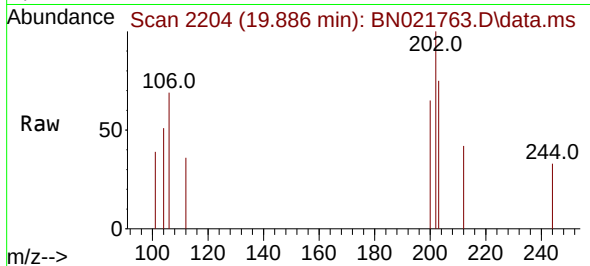




#30
Pyrene
Concen: 0.033 ng
RT: 19.886 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN021763.D
Acq: 15 Sep 2022 01:37

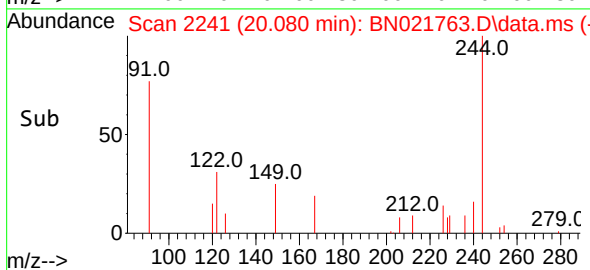
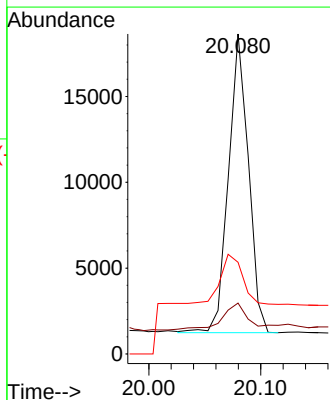
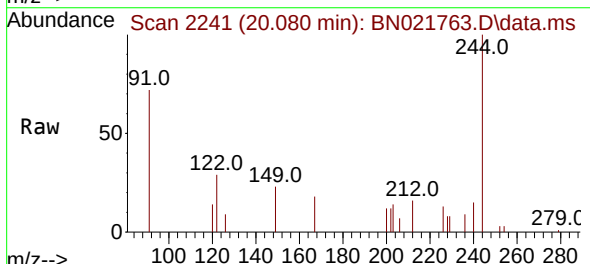
Instrument :
BNA_N
ClientSampleId :
MW-48

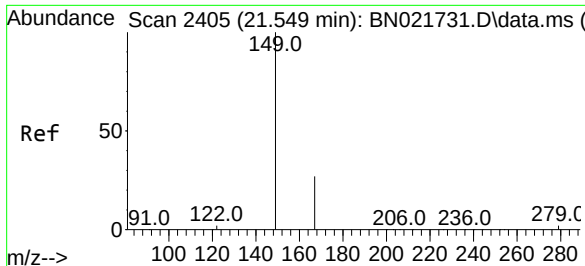
Tgt Ion:202 Resp: 2732
Ion Ratio Lower Upper
202 100
200 24.9 15.0 22.4#
203 19.9 12.8 19.2#



#31
Terphenyl-d14
Concen: 0.570 ng
RT: 20.080 min Scan# 2241
Delta R.T. -0.000 min
Lab File: BN021763.D
Acq: 15 Sep 2022 01:37

Tgt Ion:244 Resp: 21594
Ion Ratio Lower Upper
244 100
212 15.9 7.9 11.9#
122 28.7 15.8 23.8#

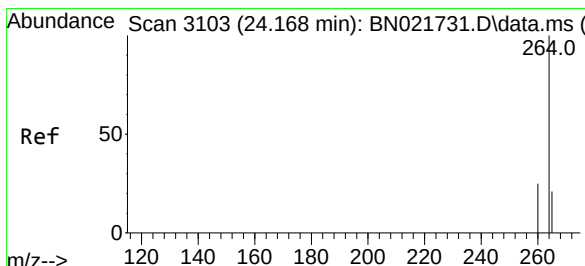
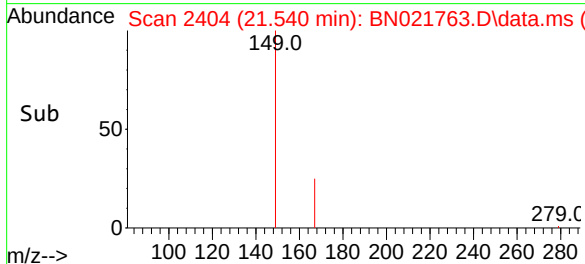
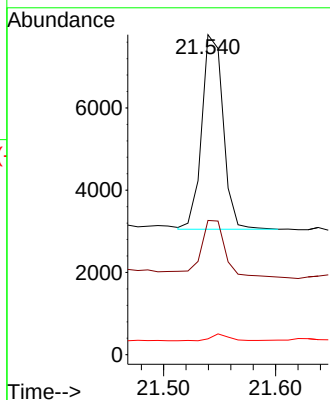
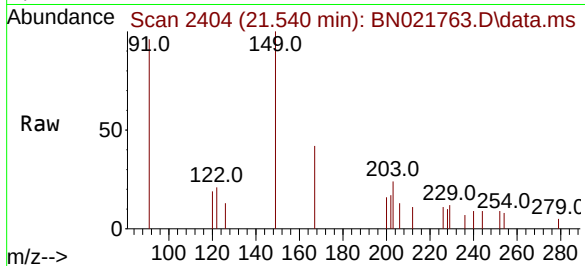




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.147 ng
RT: 21.540 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BN021763.D
Acq: 15 Sep 2022 01:37

Instrument :
BNA_N
ClientSampleId :
MW-48

Tgt Ion:149 Resp: 6263
Ion Ratio Lower Upper
149 100
167 33.8 20.8 31.2#
279 2.9 2.1 3.1



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.160 min Scan# 3100
Delta R.T. -0.009 min
Lab File: BN021763.D
Acq: 15 Sep 2022 01:37

Tgt Ion:264 Resp: 12636
Ion Ratio Lower Upper
264 100
260 27.1 20.6 31.0
265 52.7 34.4 51.6#

