

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012623\
 Data File : BN023810.D
 Acq On : 26 Jan 2023 00:52
 Operator : CG/JU
 Sample : 01221-03DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-12-0118DL

Quant Time: Jan 26 01:48:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 26 00:40:21 2023
 Response via : Initial Calibration

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

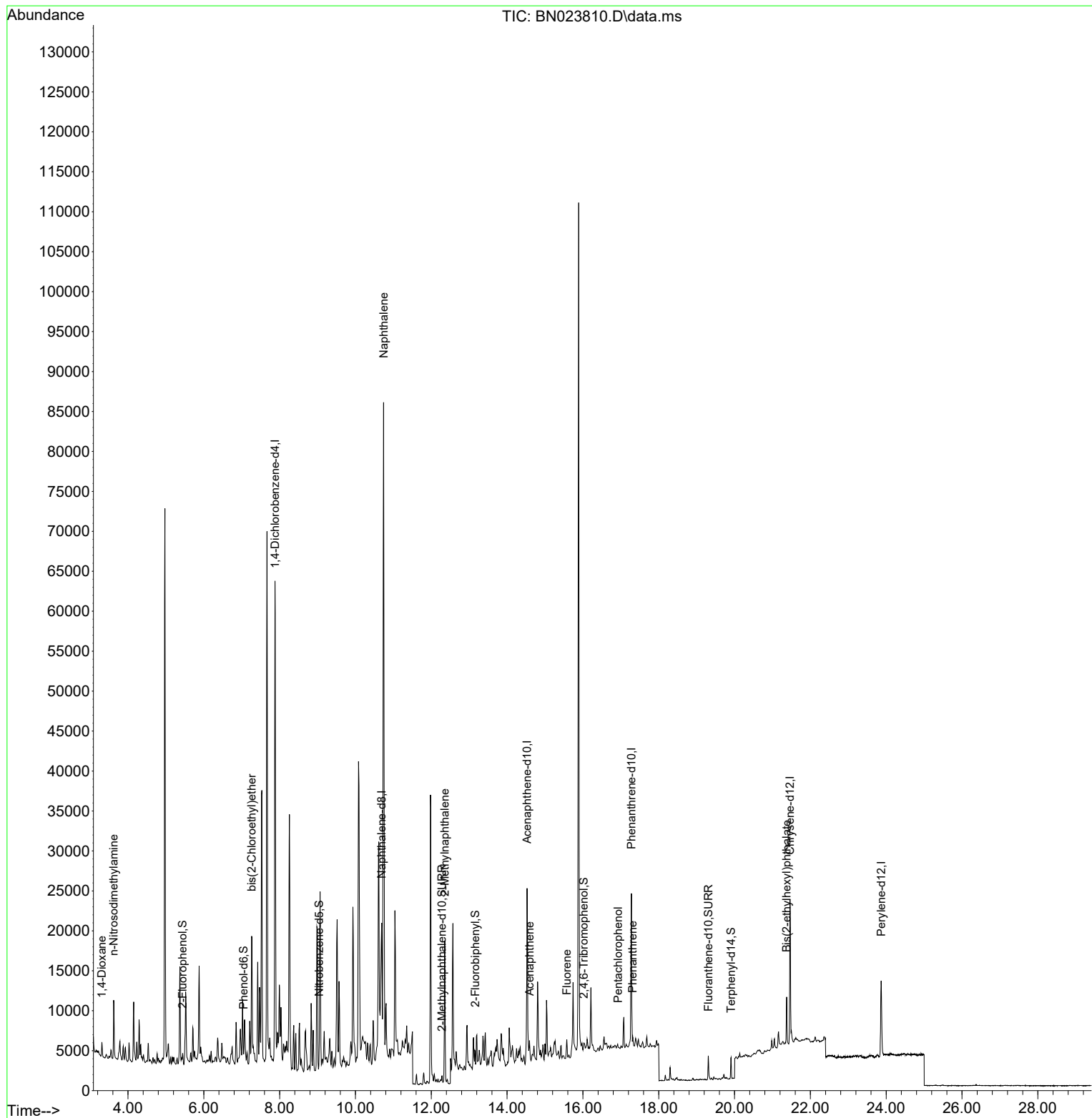
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.883	152	6696	0.400	ng	0.00
7) Naphthalene-d8	10.690	136	19500	0.400	ng	# 0.00
13) Acenaphthene-d10	14.527	164	12007	0.400	ng	0.00
19) Phenanthrene-d10	17.278	188	22783	0.400	ng	0.00
29) Chrysene-d12	21.464	240	17250	0.400	ng	0.00
35) Perylene-d12	23.869	264	13135	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.442	112	612	0.043	ng	0.00
5) Phenol-d6	7.046	99	492	0.029	ng	0.00
8) Nitrobenzene-d5	9.046	82	681	0.044	ng	0.00
11) 2-Methylnaphthalene-d10	12.284	152	1258	0.047	ng	0.00
14) 2,4,6-Tribromophenol	16.024	330	369	0.072	ng	0.00
15) 2-Fluorobiphenyl	13.159	172	2361	0.046	ng	0.00
27) Fluoranthene-d10	19.309	212	3142	0.059	ng	0.00
31) Terphenyl-d14	19.907	244	2745	0.101	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.312	88	704	0.099	ng	# 21
3) n-Nitrosodimethylamine	3.622	42	652	0.079	ng	# 1
6) bis(2-Chloroethyl)ether	7.262	93	1091	0.063	ng	# 1
9) Naphthalene	10.744	128	93800	1.859	ng	99
12) 2-Methylnaphthalene	12.356	142	11975	0.337	ng	99
17) Acenaphthene	14.592	154	1224	0.036	ng	96
18) Fluorene	15.575	166	1224	0.025	ng	# 93
24) Pentachlorophenol	16.930	266	70	0.172	ng	# 83
25) Phenanthrene	17.315	178	1391	0.021	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.374	149	5198	0.212	ng	# 99

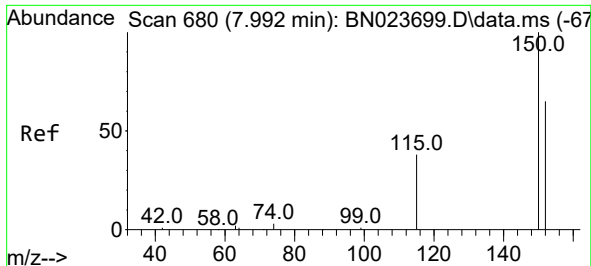
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 26 00:40:21 2023
Response via : Initial Calibration

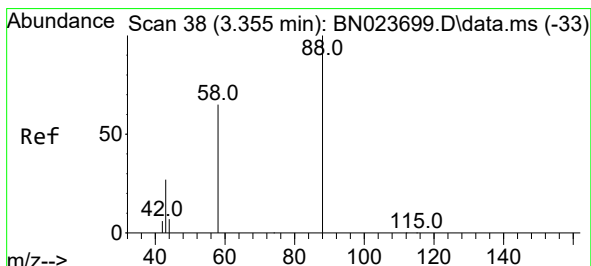
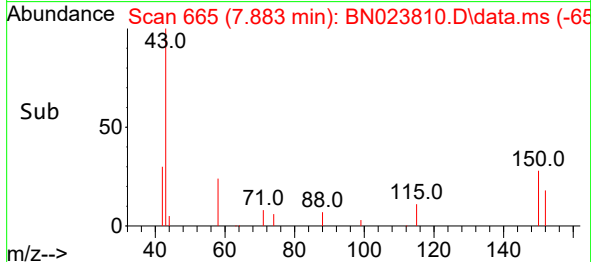
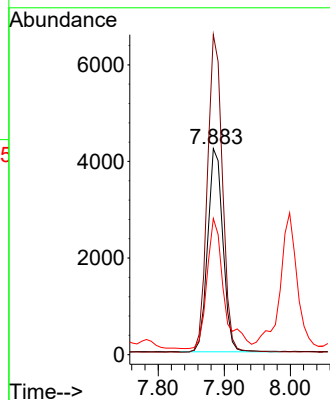
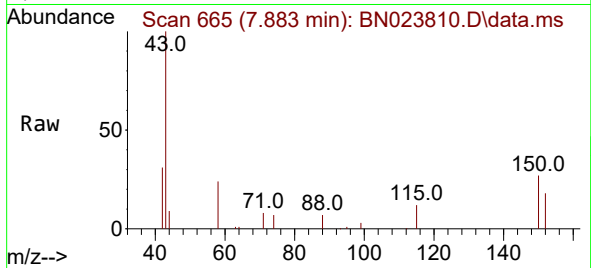




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.883 min Scan# 6
 Delta R.T. -0.008 min
 Lab File: BN023810.D
 Acq: 26 Jan 2023 00:52

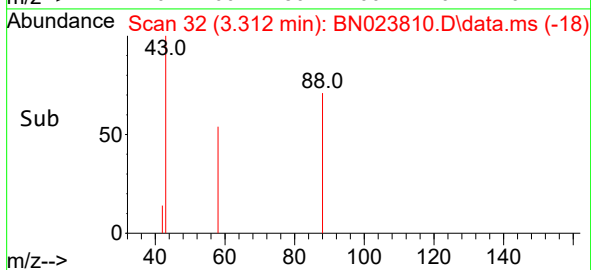
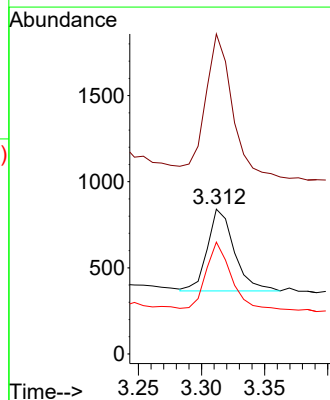
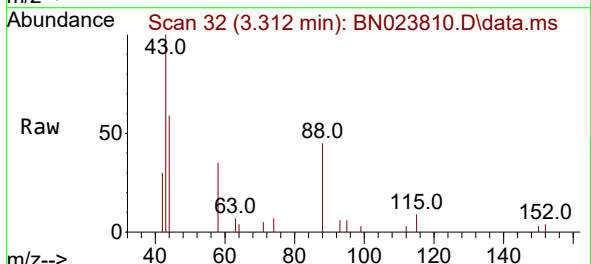
Instrument :
 BNA_N
 ClientSampleId :
 MW-12-0118DL

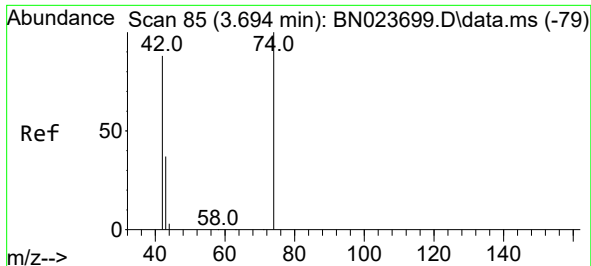
Tgt Ion:152 Resp: 6696
 Ion Ratio Lower Upper
 152 100
 150 155.3 122.4 183.6
 115 66.1 48.2 72.4



#2
 1,4-Dioxane
 Concen: 0.099 ng
 RT: 3.312 min Scan# 32
 Delta R.T. 0.000 min
 Lab File: BN023810.D
 Acq: 26 Jan 2023 00:52

Tgt Ion: 88 Resp: 704
 Ion Ratio Lower Upper
 88 100
 43 173.9 26.8 40.2#
 58 74.6 58.5 87.7

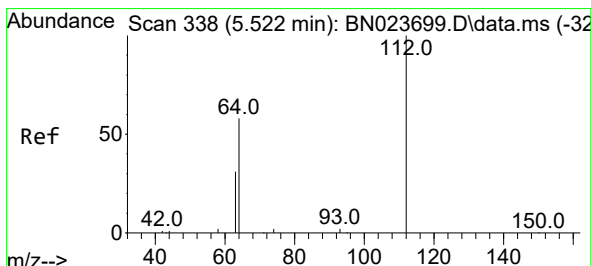
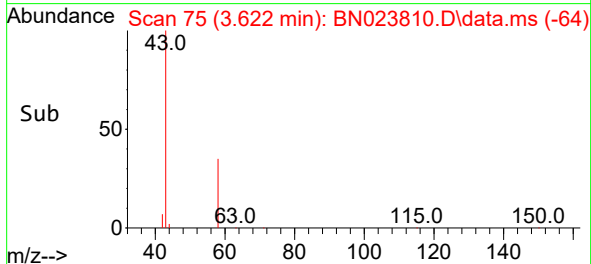
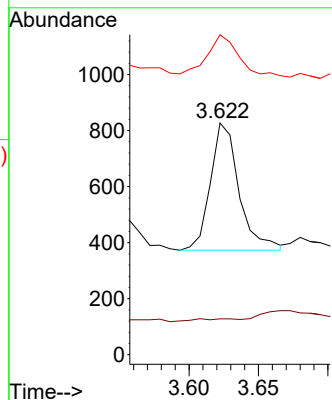
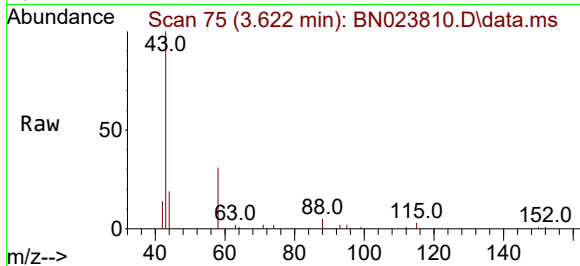




#3
n-Nitrosodimethylamine
Concen: 0.079 ng
RT: 3.622 min Scan# 71
Delta R.T. -0.022 min
Lab File: BN023810.D
Acq: 26 Jan 2023 00:52

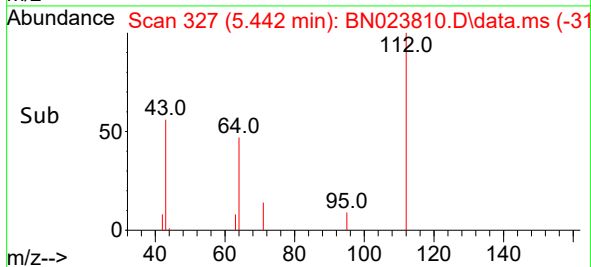
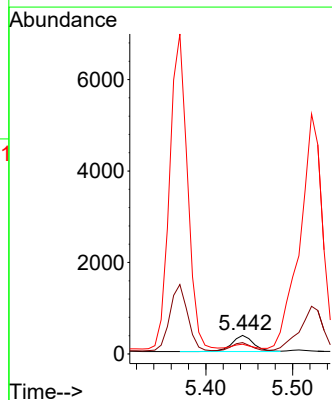
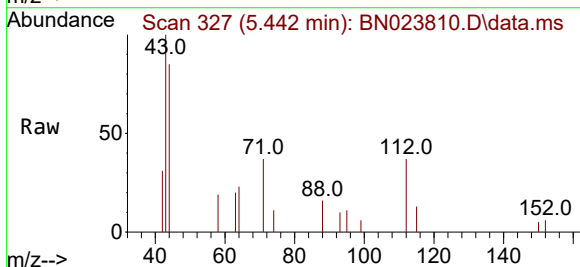
Instrument :
BNA_N
ClientSampleId :
MW-12-0118DL

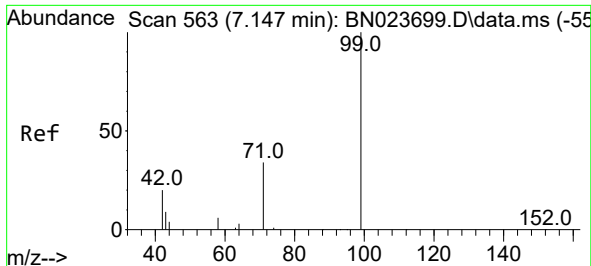
Tgt Ion: 42 Resp: 652
Ion Ratio Lower Upper
42 100
74 0.0 87.4 131.2#
44 37.1 9.4 14.2#



#4
2-Fluorophenol
Concen: 0.043 ng
RT: 5.442 min Scan# 327
Delta R.T. 0.000 min
Lab File: BN023810.D
Acq: 26 Jan 2023 00:52

Tgt Ion: 112 Resp: 612
Ion Ratio Lower Upper
112 100
64 41.7 45.8 68.8#
63 0.0 25.3 37.9#

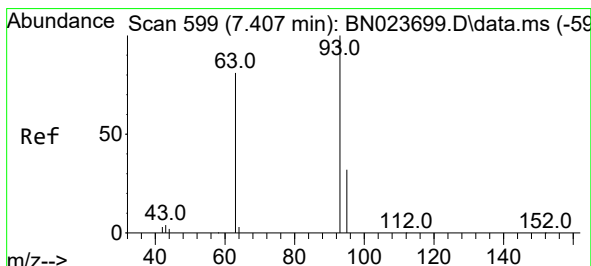
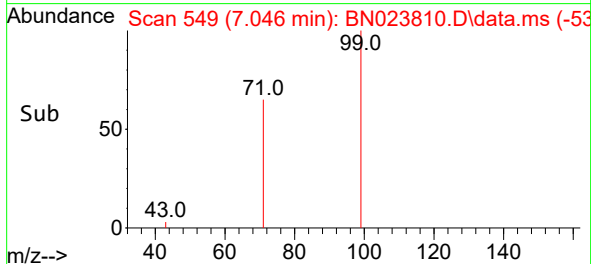
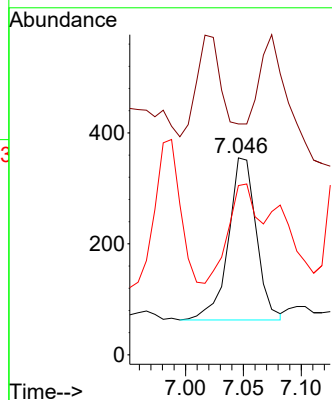
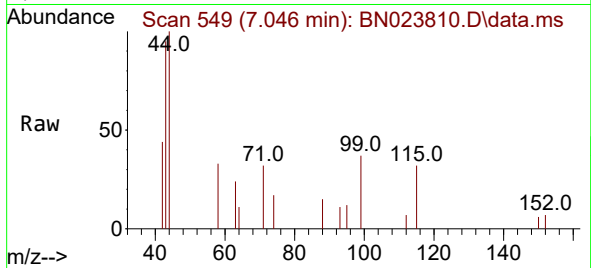




#5
Phenol-d6
Concen: 0.029 ng
RT: 7.046 min Scan# 549
Delta R.T. -0.007 min
Lab File: BN023810.D
Acq: 26 Jan 2023 00:52

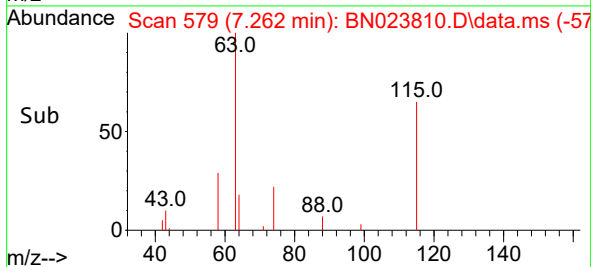
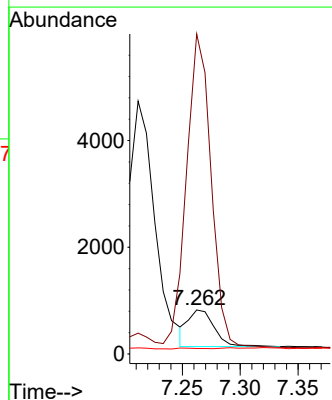
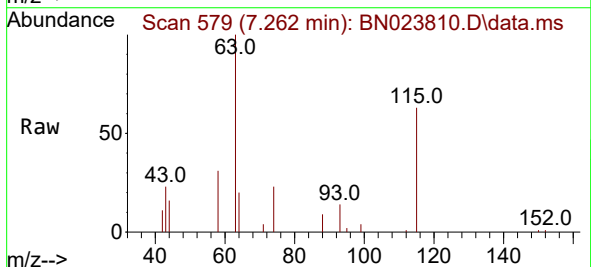
Instrument :
BNA_N
ClientSampleId :
MW-12-0118DL

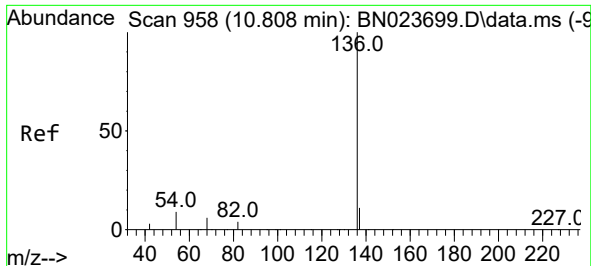
Tgt Ion: 99 Resp: 492
Ion Ratio Lower Upper
99 100
42 0.0 19.4 29.0#
71 66.9 28.7 43.1#



#6
bis(2-Chloroethyl)ether
Concen: 0.063 ng
RT: 7.262 min Scan# 579
Delta R.T. -0.050 min
Lab File: BN023810.D
Acq: 26 Jan 2023 00:52

Tgt Ion: 93 Resp: 1091
Ion Ratio Lower Upper
93 100
63 801.6 61.8 92.6#
95 2.1 25.9 38.9#

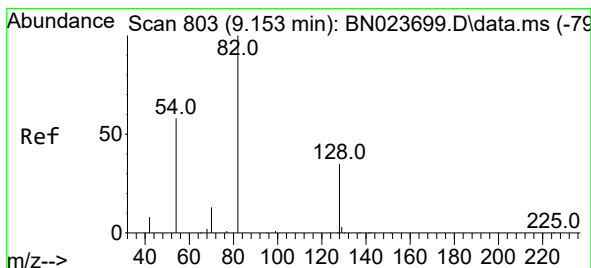
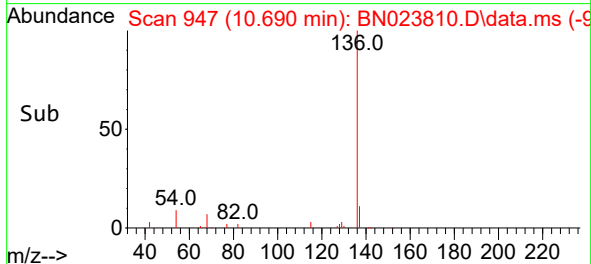
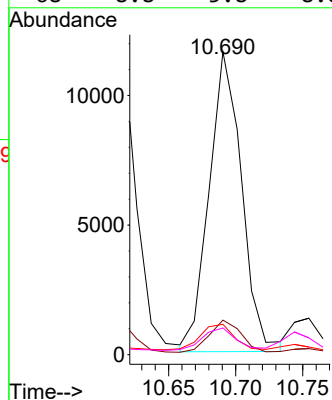
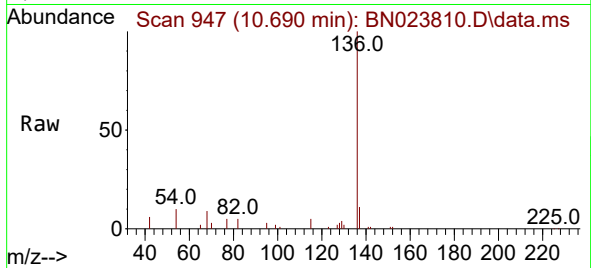




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.690 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN023810.D
Acq: 26 Jan 2023 00:52

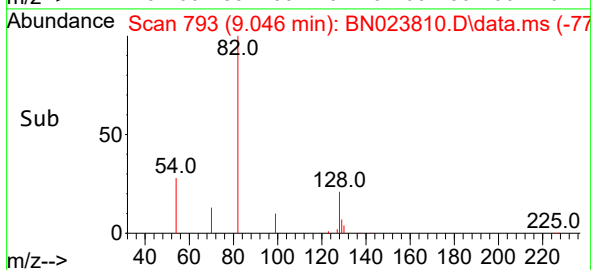
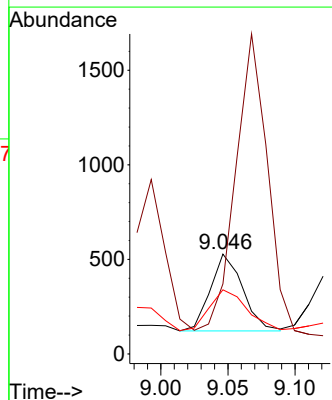
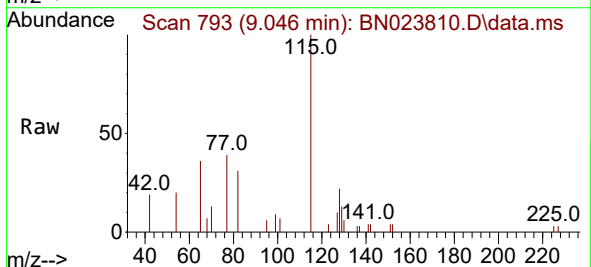
Instrument :
BNA_N
ClientSampleId :
MW-12-0118DL

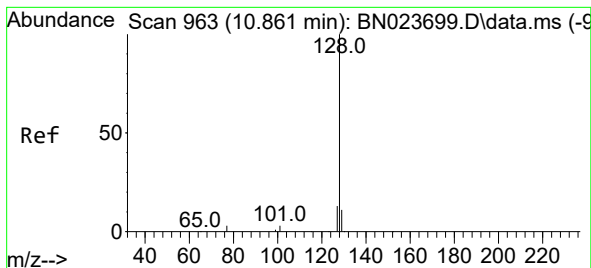
Tgt Ion:136 Resp: 19500
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 10.0 7.5 11.3
68 8.8 5.8 8.8#



#8
Nitrobenzene-d5
Concen: 0.044 ng
RT: 9.046 min Scan# 793
Delta R.T. 0.000 min
Lab File: BN023810.D
Acq: 26 Jan 2023 00:52

Tgt Ion: 82 Resp: 681
Ion Ratio Lower Upper
82 100
128 70.1 30.2 45.2#
54 64.2 47.3 70.9





#9

Naphthalene

Concen: 1.859 ng

RT: 10.744 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN023810.D

Acq: 26 Jan 2023 00:52

Instrument :

BNA_N

ClientSampleId :

MW-12-0118DL

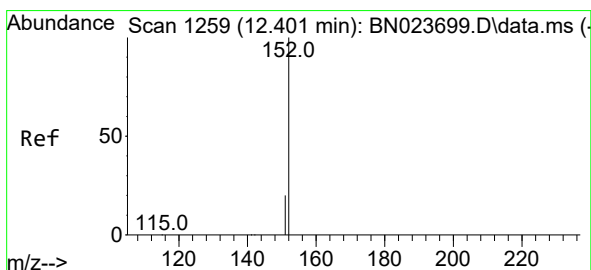
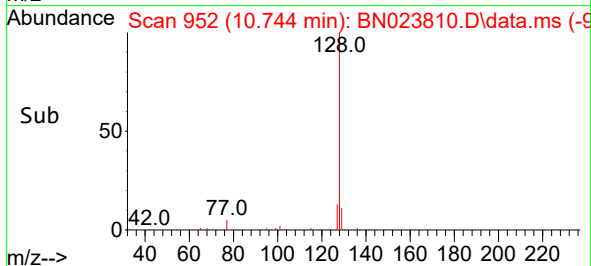
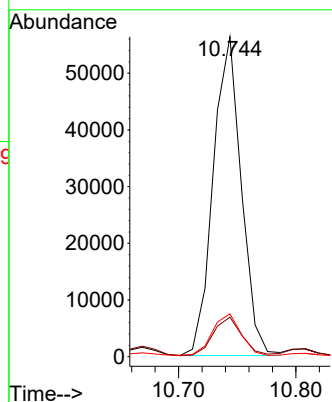
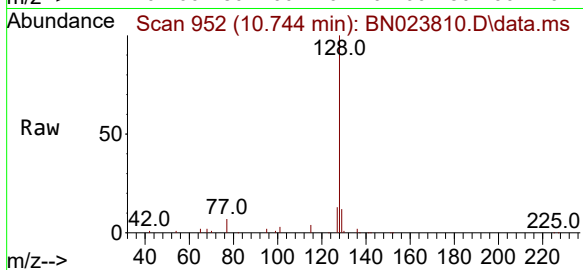
Tgt Ion:128 Resp: 93800

Ion Ratio Lower Upper

128 100

129 12.4 9.2 13.8

127 13.4 10.9 16.3



#11

2-Methylnaphthalene-d10

Concen: 0.047 ng

RT: 12.284 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BN023810.D

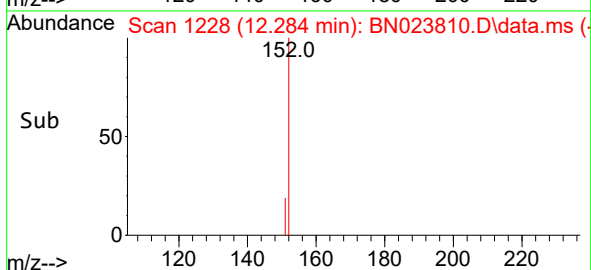
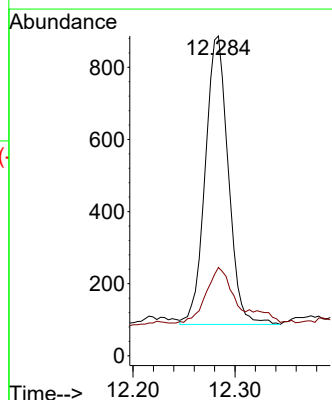
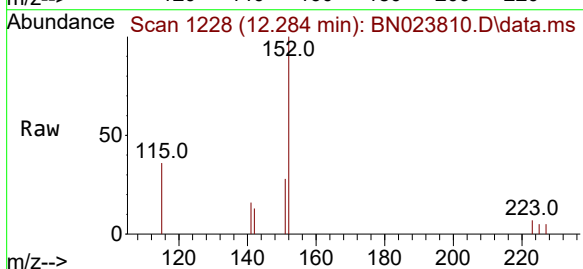
Acq: 26 Jan 2023 00:52

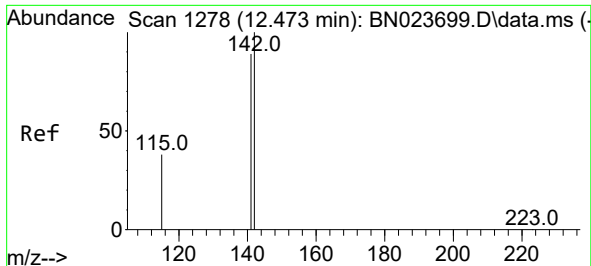
Tgt Ion:152 Resp: 1258

Ion Ratio Lower Upper

152 100

151 21.6 17.1 25.7





#12

2-Methylnaphthalene

Concen: 0.337 ng

RT: 12.356 min Scan# 11975

Delta R.T. -0.004 min

Lab File: BN023810.D

Acq: 26 Jan 2023 00:52

Instrument :

BNA_N

ClientSampleId :

MW-12-0118DL

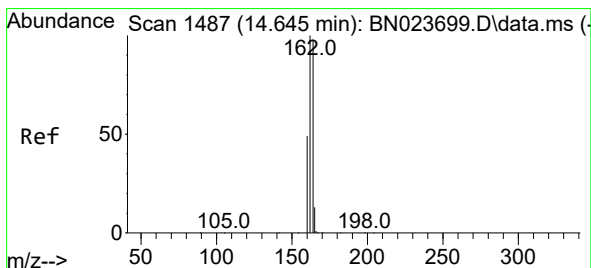
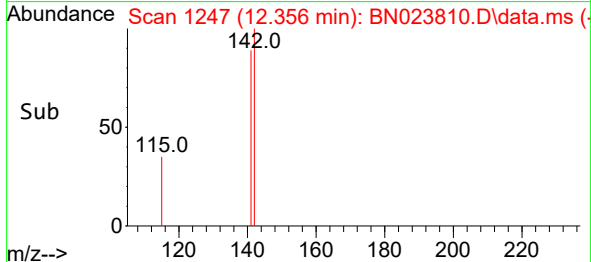
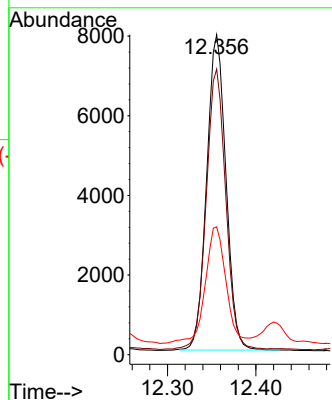
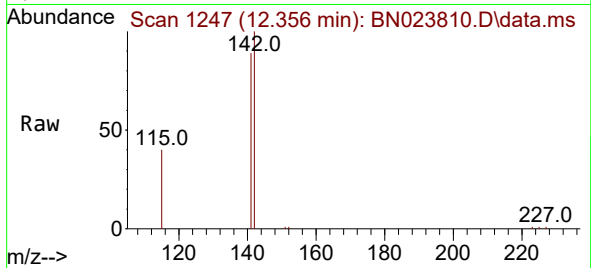
Tgt Ion:142 Resp: 11975

Ion Ratio Lower Upper

142 100

141 89.2 71.4 107.0

115 40.0 31.2 46.8



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.527 min Scan# 1476

Delta R.T. 0.000 min

Lab File: BN023810.D

Acq: 26 Jan 2023 00:52

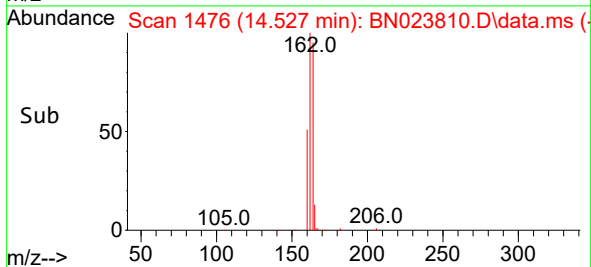
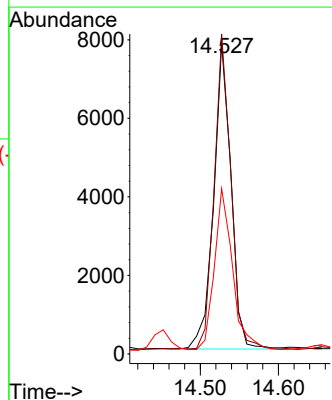
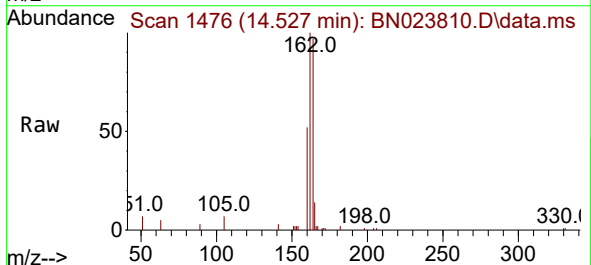
Tgt Ion:164 Resp: 12007

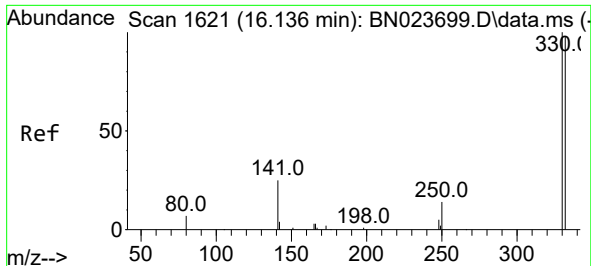
Ion Ratio Lower Upper

164 100

162 103.1 81.8 122.6

160 53.2 40.3 60.5

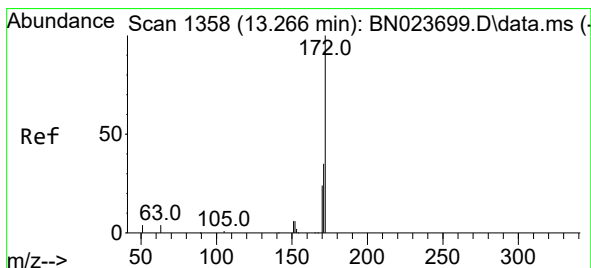
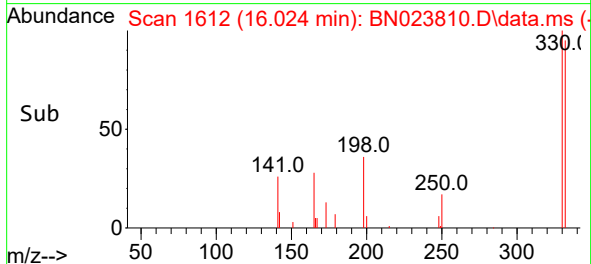
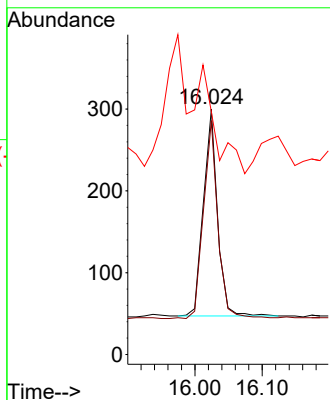
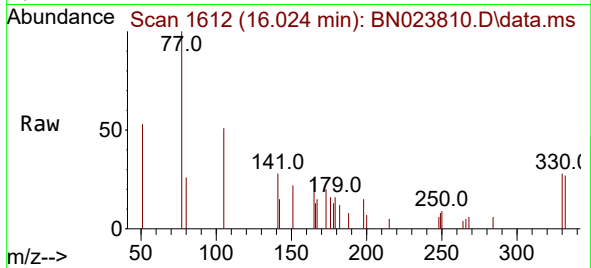




#14
2,4,6-Tribromophenol
Concen: 0.072 ng
RT: 16.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023810.D
Acq: 26 Jan 2023 00:52

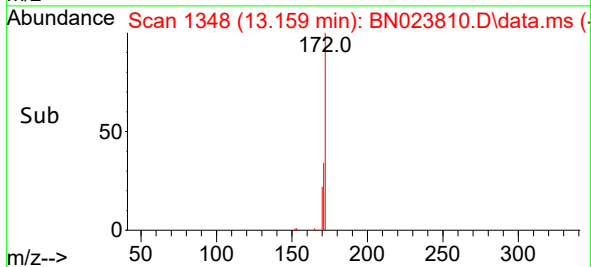
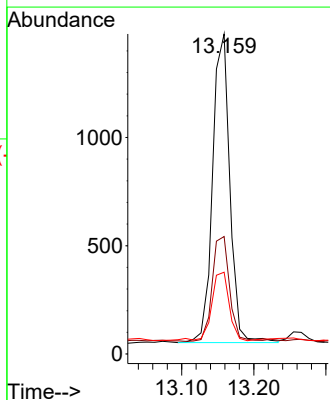
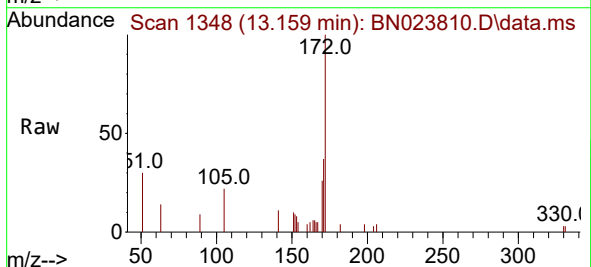
Instrument :
BNA_N
ClientSampleId :
MW-12-0118DL

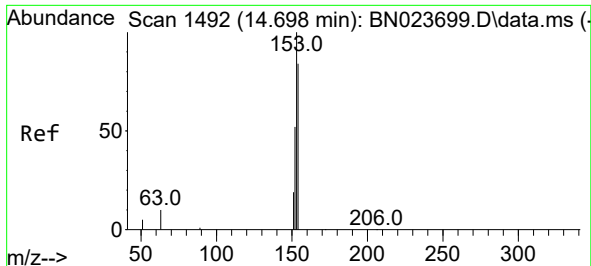
Tgt Ion:330 Resp: 369
Ion Ratio Lower Upper
330 100
332 97.8 77.6 116.4
141 0.0 35.0 52.4#



#15
2-Fluorobiphenyl
Concen: 0.046 ng
RT: 13.159 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BN023810.D
Acq: 26 Jan 2023 00:52

Tgt Ion:172 Resp: 2361
Ion Ratio Lower Upper
172 100
171 36.7 28.6 42.8
170 25.6 20.0 30.0

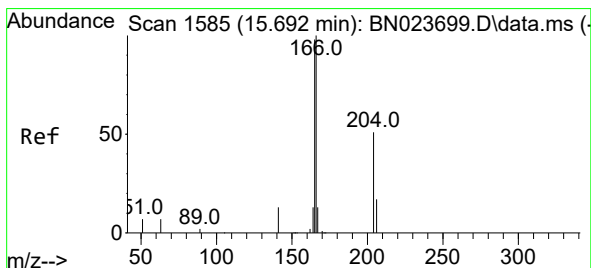
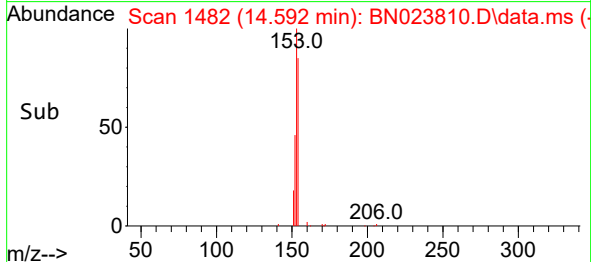
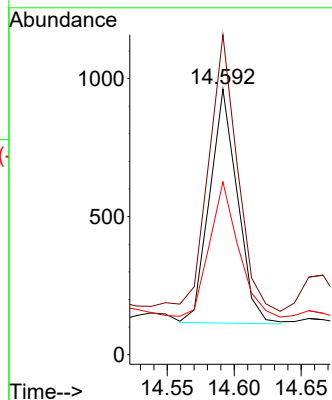
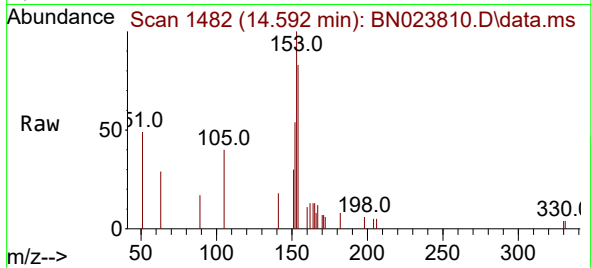




#17
Acenaphthene
Concen: 0.036 ng
RT: 14.592 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BN023810.D
Acq: 26 Jan 2023 00:52

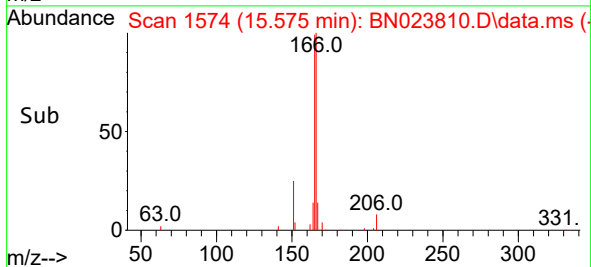
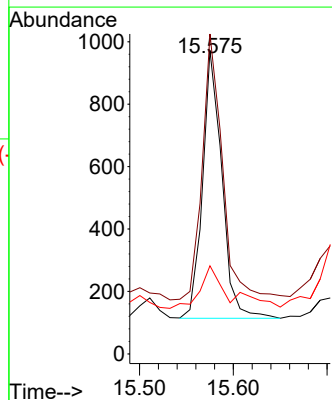
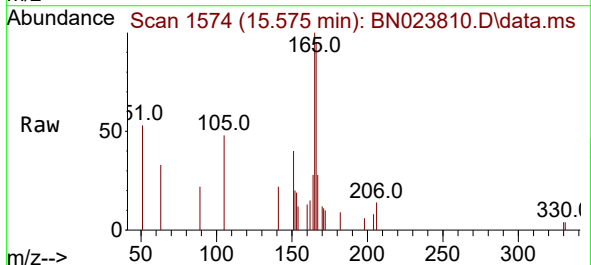
Instrument :
BNA_N
ClientSampleId :
MW-12-0118DL

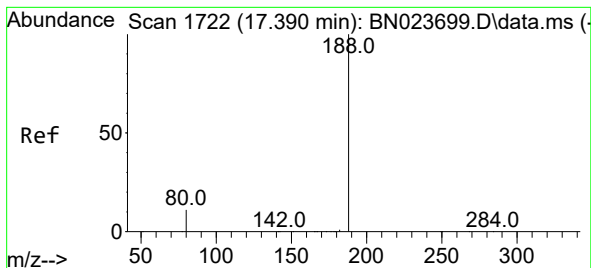
Tgt Ion:154 Resp: 1224
Ion Ratio Lower Upper
154 100
153 123.8 93.3 139.9
152 60.0 48.1 72.1



#18
Fluorene
Concen: 0.025 ng
RT: 15.575 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BN023810.D
Acq: 26 Jan 2023 00:52

Tgt Ion:166 Resp: 1224
Ion Ratio Lower Upper
166 100
165 104.8 80.6 121.0
167 23.8 10.8 16.2#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.278 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN023810.D

Acq: 26 Jan 2023 00:52

Instrument :

BNA_N

ClientSampleId :

MW-12-0118DL

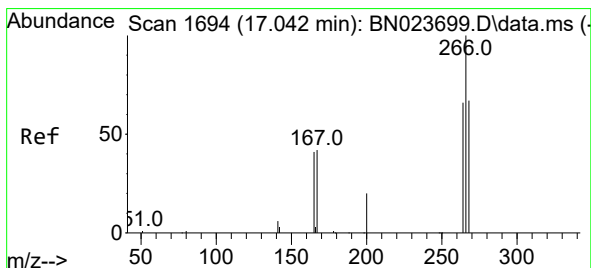
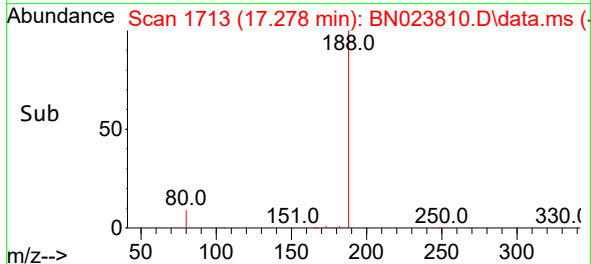
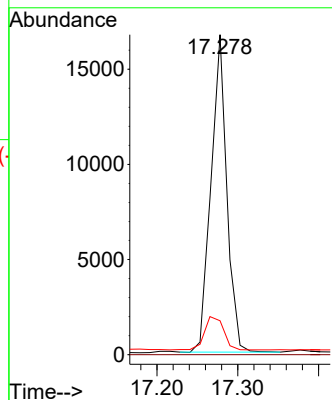
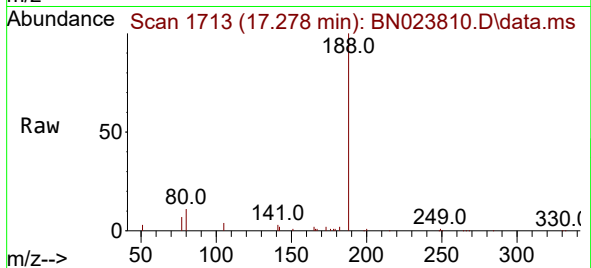
Tgt Ion:188 Resp: 22783

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.6 9.5 14.3



#24

Pentachlorophenol

Concen: 0.172 ng

RT: 16.930 min Scan# 1685

Delta R.T. 0.000 min

Lab File: BN023810.D

Acq: 26 Jan 2023 00:52

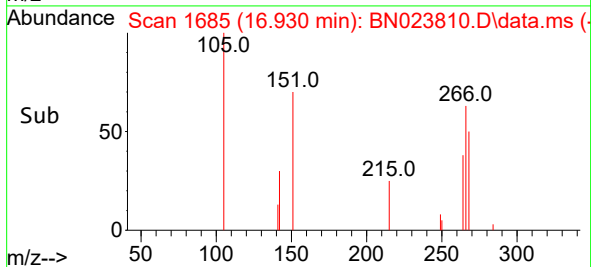
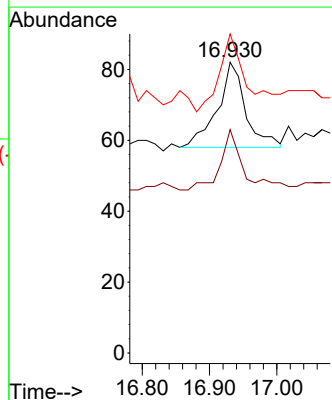
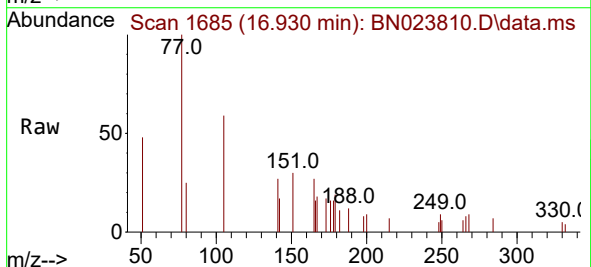
Tgt Ion:266 Resp: 70

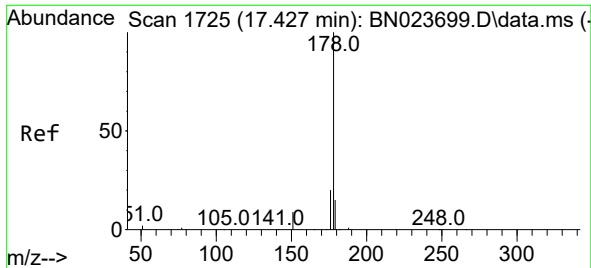
Ion Ratio Lower Upper

266 100

264 57.1 51.4 77.2

268 85.7 52.3 78.5#

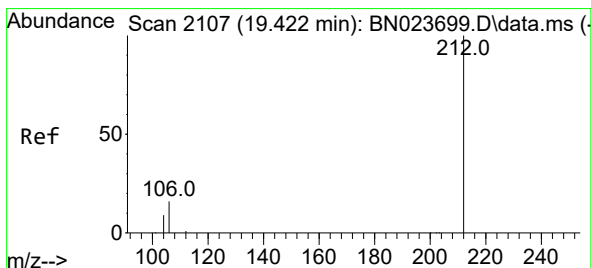
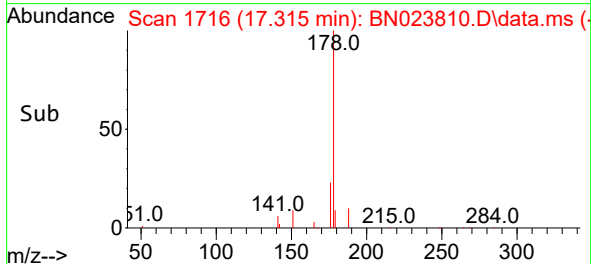
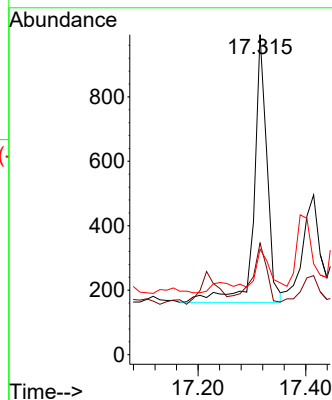
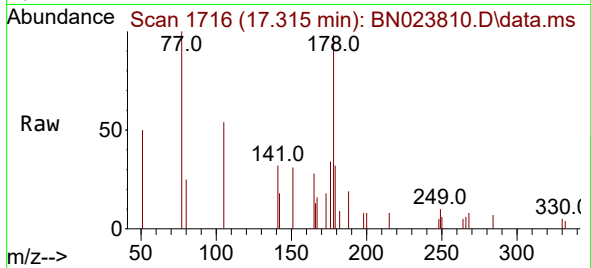




#25
Phenanthrene
Concen: 0.021 ng
RT: 17.315 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN023810.D
Acq: 26 Jan 2023 00:52

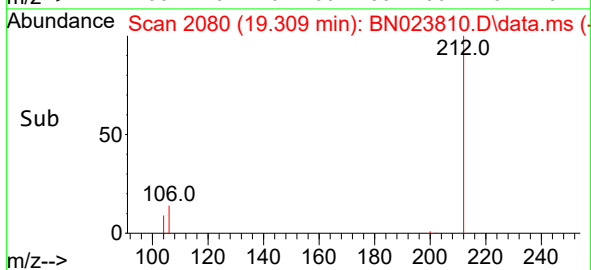
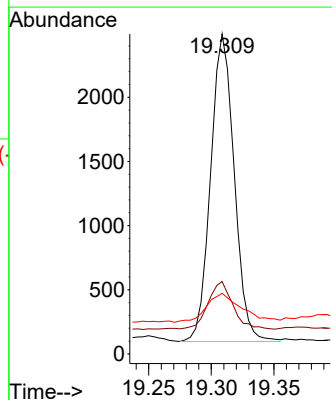
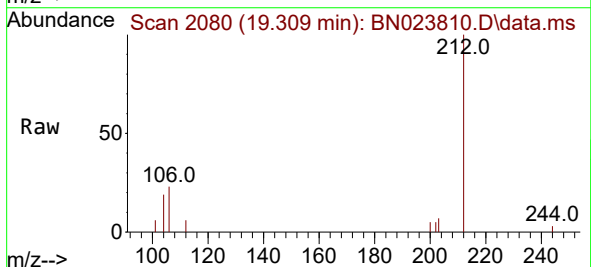
Instrument :
BNA_N
ClientSampleId :
MW-12-0118DL

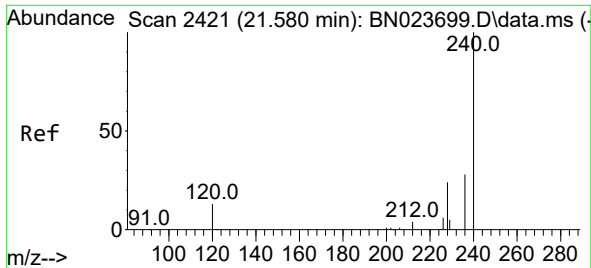
Tgt Ion:178 Resp: 1391
Ion Ratio Lower Upper
178 100
176 23.9 15.5 23.3#
179 15.5 12.2 18.4



#27
Fluoranthene-d10
Concen: 0.059 ng
RT: 19.309 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BN023810.D
Acq: 26 Jan 2023 00:52

Tgt Ion:212 Resp: 3142
Ion Ratio Lower Upper
212 100
106 16.7 12.4 18.6
104 13.9 7.1 10.7#

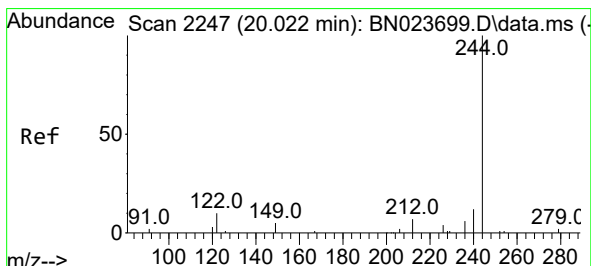
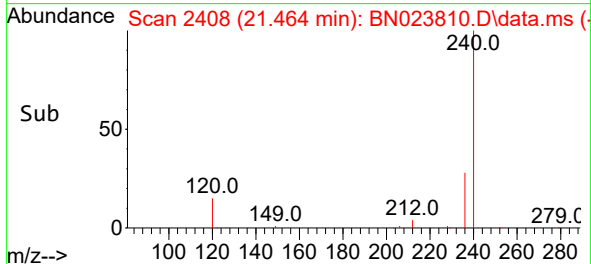
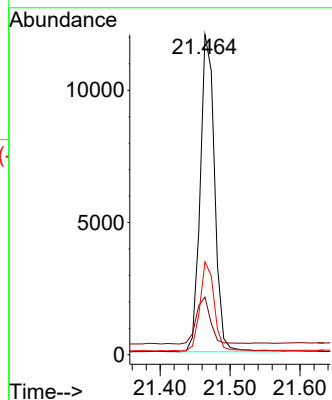
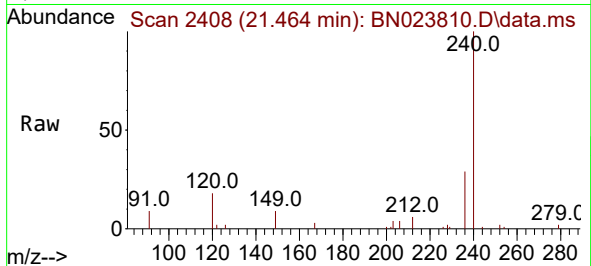




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.464 min Scan# 2408
Delta R.T. -0.009 min
Lab File: BN023810.D
Acq: 26 Jan 2023 00:52

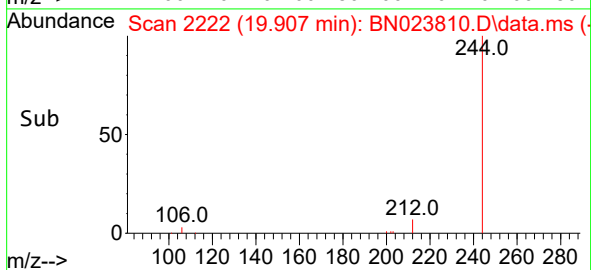
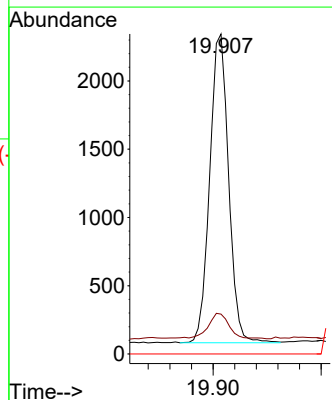
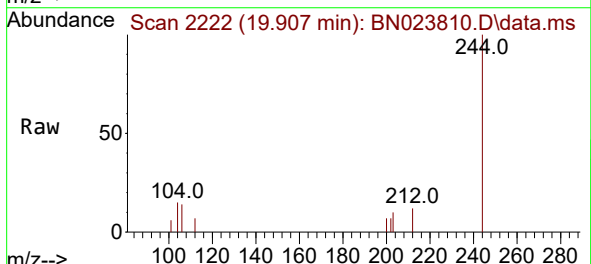
Instrument :
BNA_N
ClientSampleId :
MW-12-0118DL

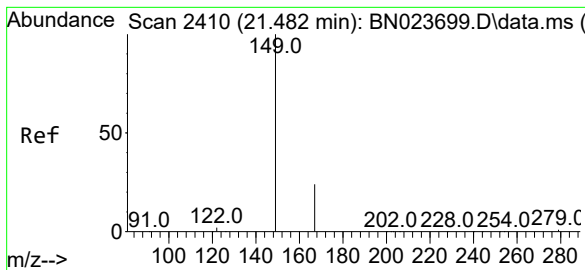
Tgt Ion:240 Resp: 17250
Ion Ratio Lower Upper
240 100
120 18.0 12.0 18.0
236 29.0 22.8 34.2



#31
Terphenyl-d14
Concen: 0.101 ng
RT: 19.907 min Scan# 2222
Delta R.T. 0.000 min
Lab File: BN023810.D
Acq: 26 Jan 2023 00:52

Tgt Ion:244 Resp: 2745
Ion Ratio Lower Upper
244 100
212 12.5 6.5 9.7#
122 0.0 7.6 11.4#

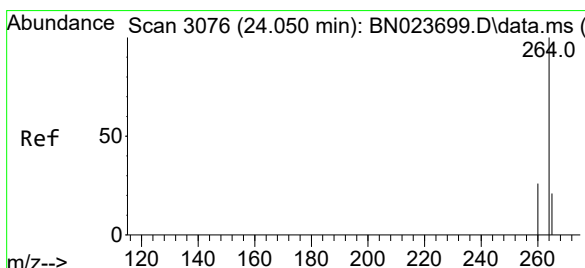
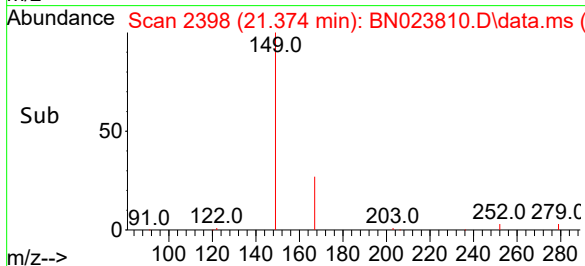
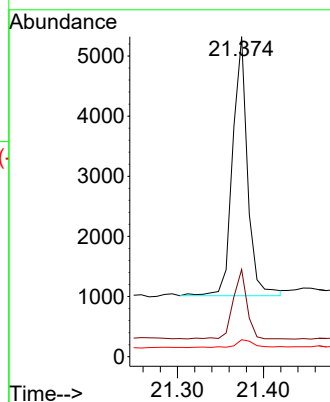
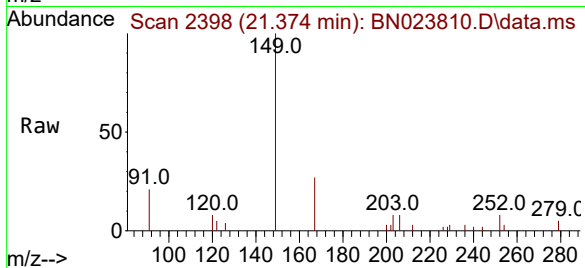




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.212 ng
 RT: 21.374 min Scan# 2138
 Delta R.T. -0.009 min
 Lab File: BN023810.D
 Acq: 26 Jan 2023 00:52

Instrument :
 BNA_N
 ClientSampleId :
 MW-12-0118DL

Tgt Ion:149 Resp: 5198
 Ion Ratio Lower Upper
 149 100
 167 25.1 19.8 29.8
 279 3.8 2.5 3.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.869 min Scan# 3014
 Delta R.T. -0.026 min
 Lab File: BN023810.D
 Acq: 26 Jan 2023 00:52

Tgt Ion:264 Resp: 13135
 Ion Ratio Lower Upper
 264 100
 260 25.8 21.0 31.6
 265 59.8 49.9 74.9

