

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
 Data File : BN028376.D
 Acq On : 24 Oct 2023 13:46
 Operator : MA/JU
 Sample : 04913-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-6I

Quant Time: Oct 25 01:04:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 15:14:08 2023
 Response via : Initial Calibration

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

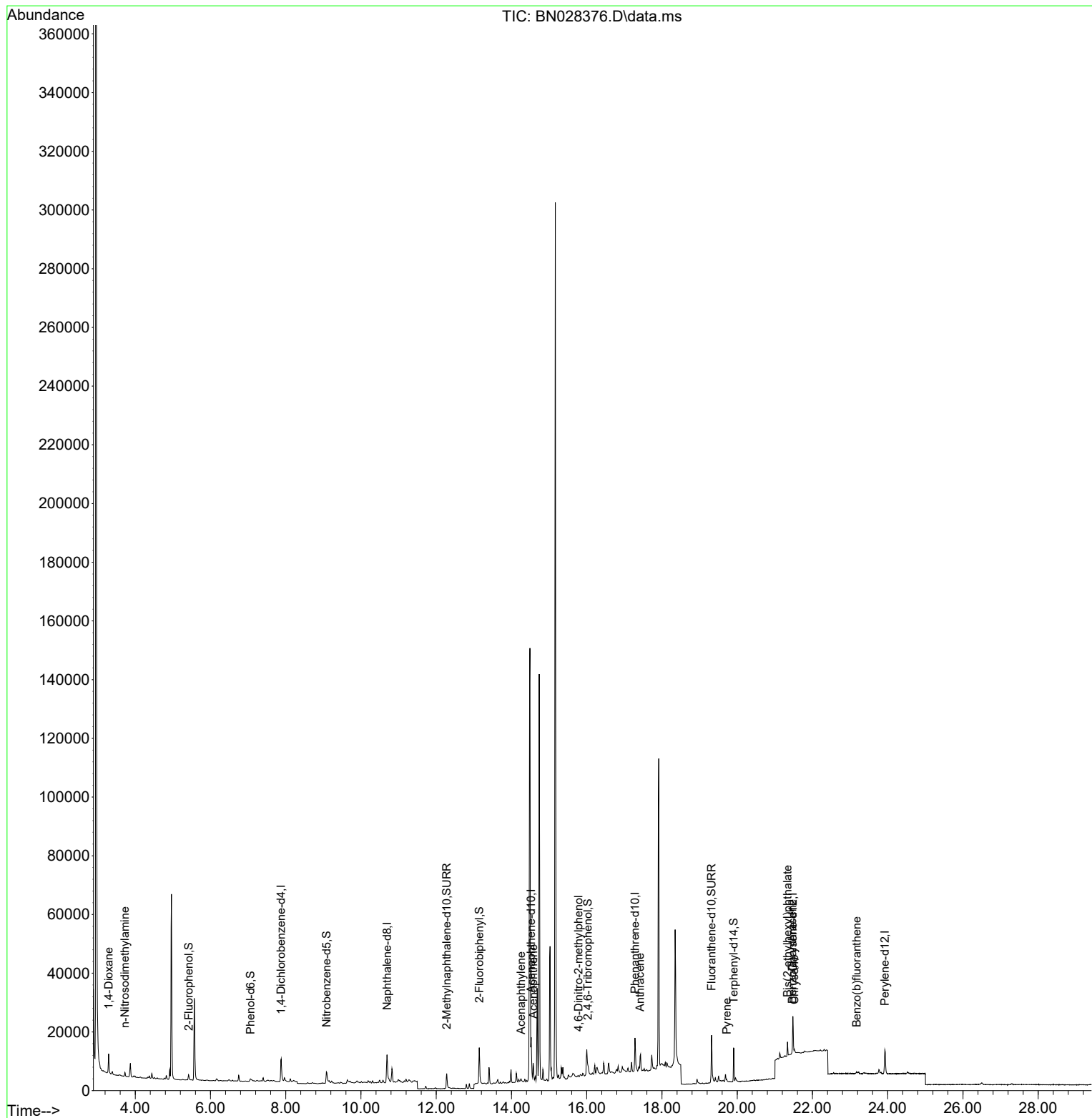
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	4415	0.400	ng	0.00
7) Naphthalene-d8	10.692	136	15408	0.400	ng	-0.01
13) Acenaphthene-d10	14.523	164	8478	0.400	ng	-0.01
19) Phenanthrene-d10	17.281	188	15015	0.400	ng	#-0.01
29) Chrysene-d12	21.479	240	10681	0.400	ng	# 0.00
35) Perylene-d12	23.925	264	11718	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.423	112	1826	0.133	ng	0.00
5) Phenol-d6	7.062	99	1308	0.077	ng	0.00
8) Nitrobenzene-d5	9.080	82	4748	0.347	ng	-0.02
11) 2-Methylnaphthalene-d10	12.275	152	9071	0.392	ng	-0.02
14) 2,4,6-Tribromophenol	16.028	330	1498	0.362	ng	-0.04
15) 2-Fluorobiphenyl	13.144	172	12564	0.421	ng	-0.02
27) Fluoranthene-d10	19.318	212	14712	0.366	ng	0.00
31) Terphenyl-d14	19.908	244	11828	0.522	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.292	88	3714	0.696	ng	# 71
3) n-Nitrosodimethylamine	3.725	42	232	0.040	ng	# 1
16) Acenaphthylene	14.256	152	3264	0.086	ng	# 90
17) Acenaphthene	14.576	154	899	0.037	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.779	198	151	0.328	ng	# 1
26) Anthracene	17.418	178	2274	0.058	ng	# 93
30) Pyrene	19.718	202	886	0.024	ng	94
32) Benzo(a)anthracene	21.462	228	1083	0.029	ng	# 24
33) Chrysene	21.515	228	959	0.026	ng	# 24
34) Bis(2-ethylhexyl)phtha...	21.336	149	4019	0.139	ng	95
37) Benzo(b)fluoranthene	23.174	252	970	0.026	ng	# 1

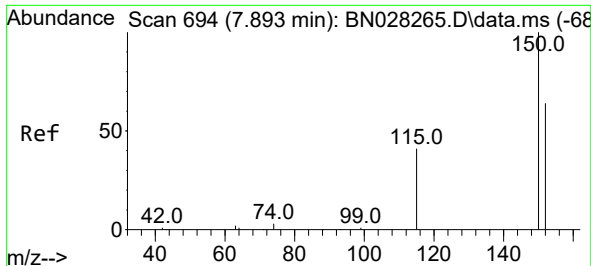
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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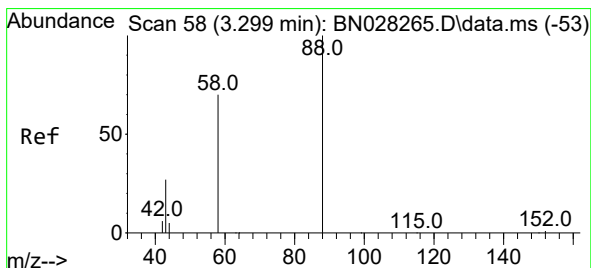
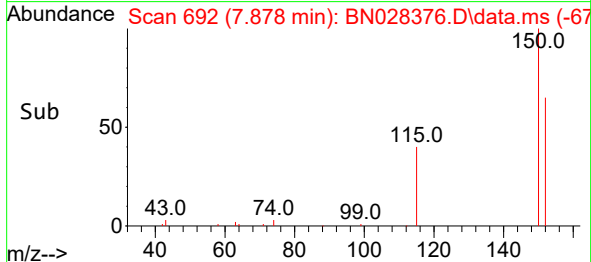
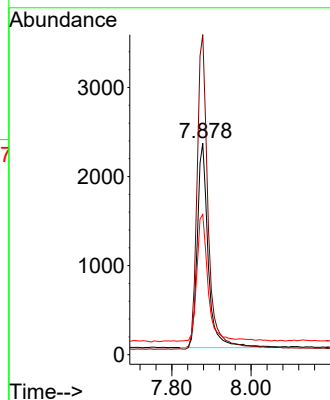
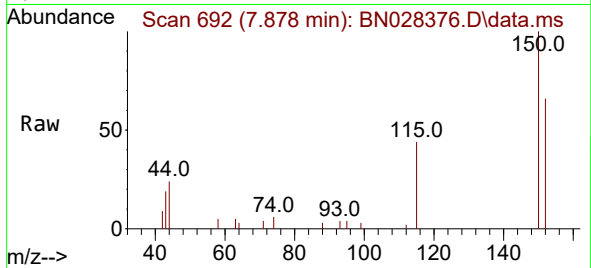




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.878 min Scan# 694
Delta R.T. 0.000 min
Lab File: BN028376.D
Acq: 24 Oct 2023 13:46

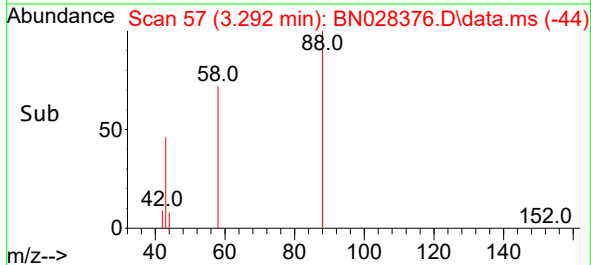
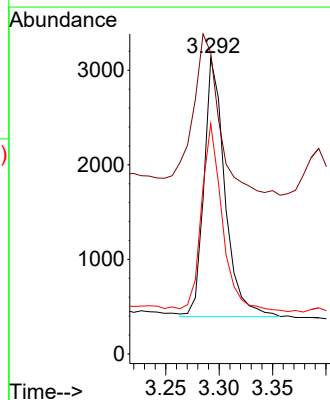
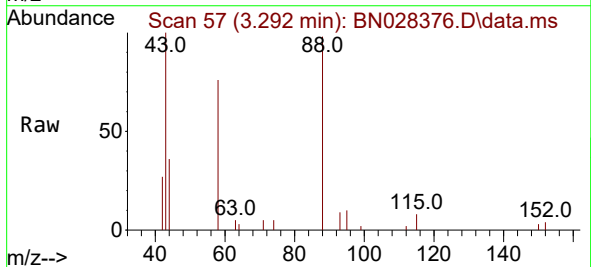
Instrument :
BNA_N
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MW-6I

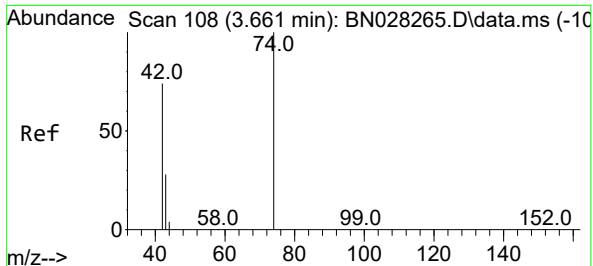
Tgt Ion:152 Resp: 4415
Ion Ratio Lower Upper
152 100
150 151.3 121.6 182.4
115 66.4 54.3 81.5



#2
1,4-Dioxane
Concen: 0.696 ng
RT: 3.292 min Scan# 57
Delta R.T. -0.007 min
Lab File: BN028376.D
Acq: 24 Oct 2023 13:46

Tgt Ion: 88 Resp: 3714
Ion Ratio Lower Upper
88 100
43 81.5 26.6 39.8
58 70.9 55.4 83.0

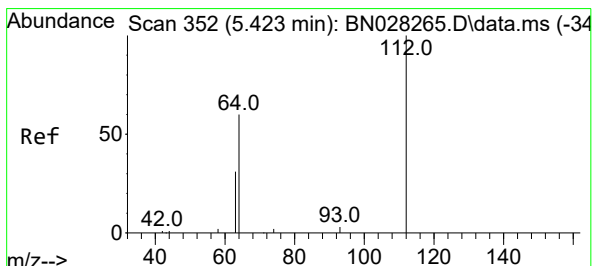
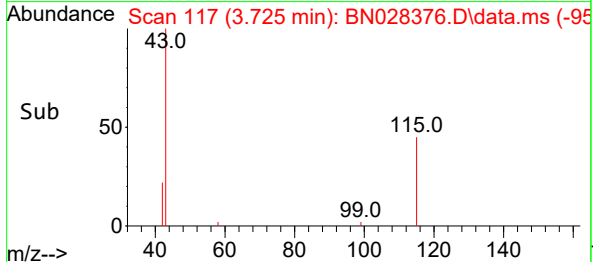
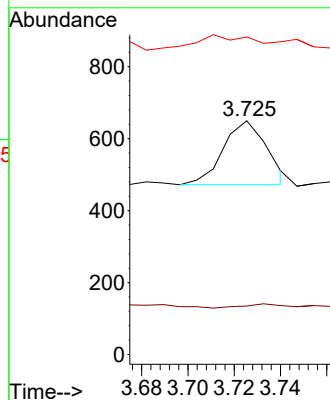
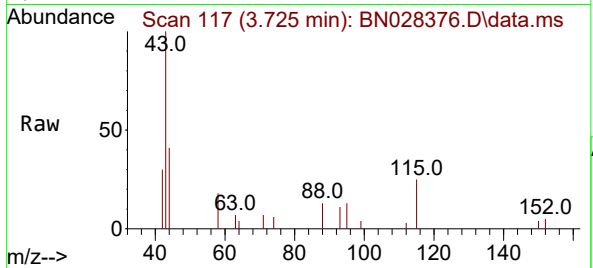




#3
n-Nitrosodimethylamine
Concen: 0.040 ng
RT: 3.725 min Scan# 117
Delta R.T. 0.058 min
Lab File: BN028376.D
Acq: 24 Oct 2023 13:46

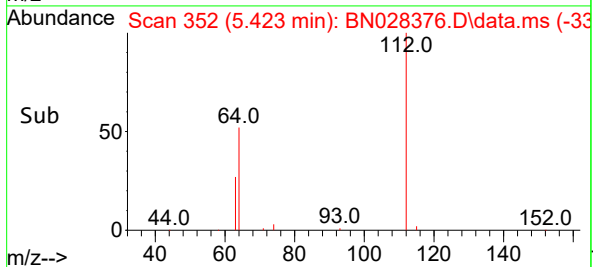
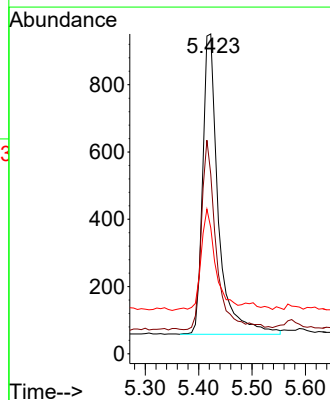
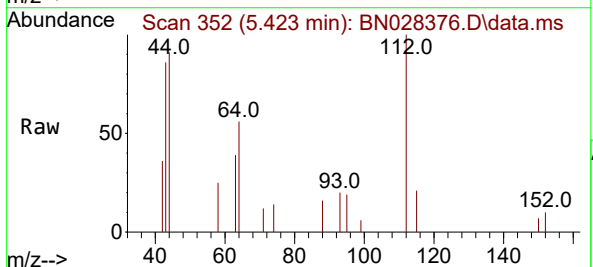
Instrument :
BNA_N
ClientSampleId :
MW-6I

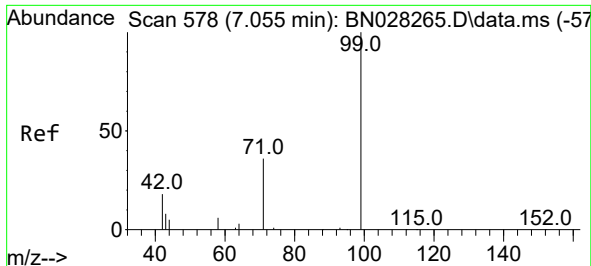
Tgt Ion: 42 Resp: 232
Ion Ratio Lower Upper
42 100
74 5.6 112.6 168.8#
44 0.0 7.8 11.6#



#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.423 min Scan# 352
Delta R.T. -0.007 min
Lab File: BN028376.D
Acq: 24 Oct 2023 13:46

Tgt Ion: 112 Resp: 1826
Ion Ratio Lower Upper
112 100
64 59.5 46.9 70.3
63 31.3 25.0 37.4

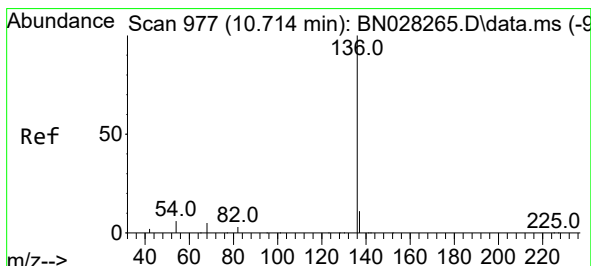
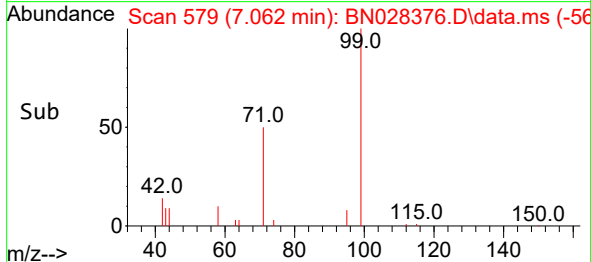
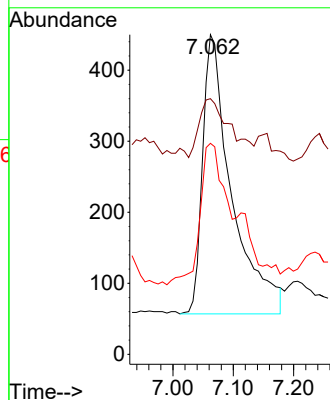
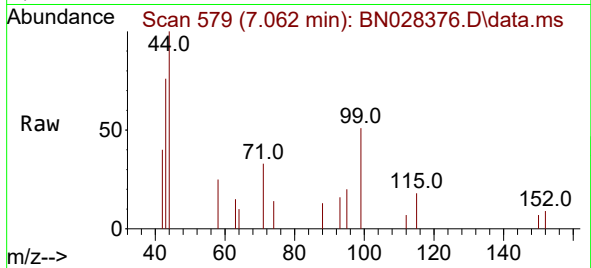




#5
Phenol-d6
Concen: 0.077 ng
RT: 7.062 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN028376.D
Acq: 24 Oct 2023 13:46

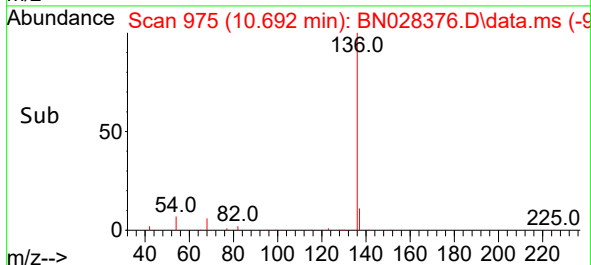
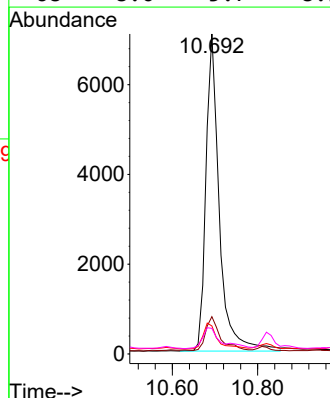
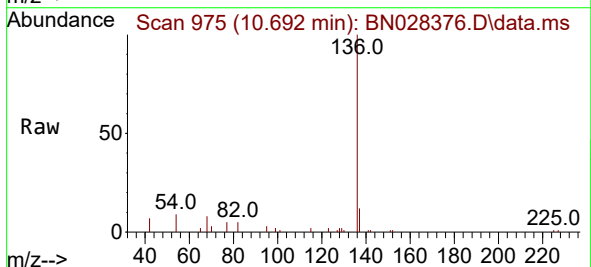
Instrument :
BNA_N
ClientSampleId :
MW-6I

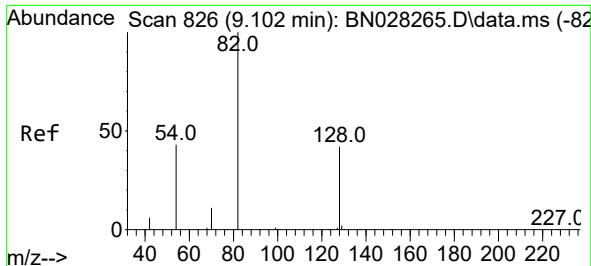
Tgt Ion: 99 Resp: 1308
Ion Ratio Lower Upper
99 100
42 22.2 15.9 23.9
71 61.9 28.6 42.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.692 min Scan# 975
Delta R.T. -0.011 min
Lab File: BN028376.D
Acq: 24 Oct 2023 13:46

Tgt Ion: 136 Resp: 15408
Ion Ratio Lower Upper
136 100
137 11.7 9.8 14.8
54 8.7 6.2 9.4
68 8.0 5.7 8.5

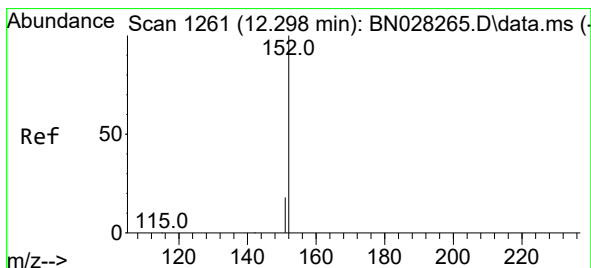
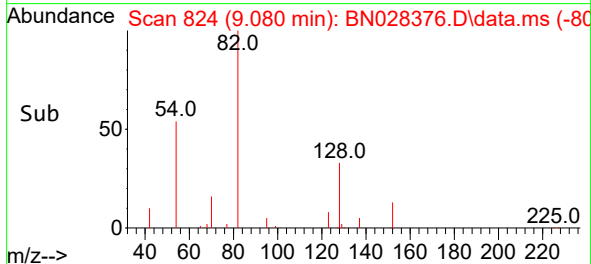
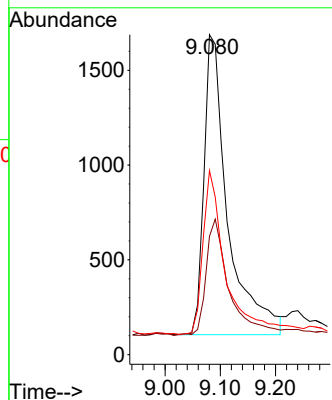
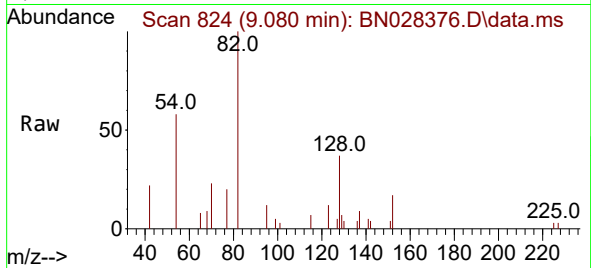




#8
Nitrobenzene-d5
Concen: 0.347 ng
RT: 9.080 min Scan# 81
Delta R.T. -0.021 min
Lab File: BN028376.D
Acq: 24 Oct 2023 13:46

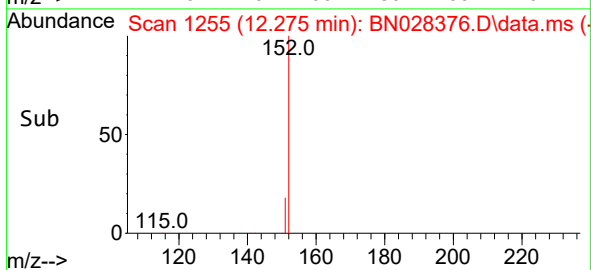
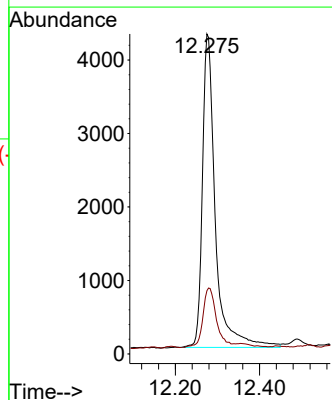
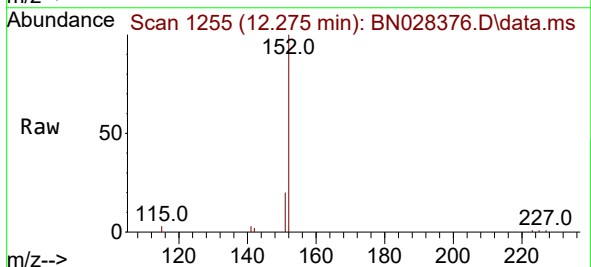
Instrument :
BNA_N
ClientSampleId :
MW-6I

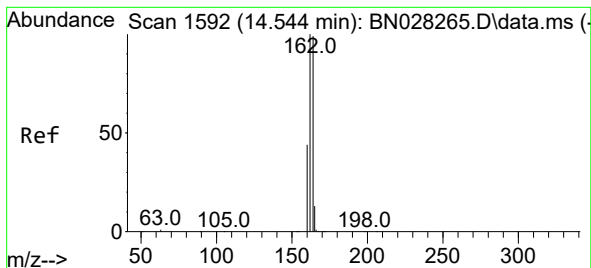
Tgt Ion: 82 Resp: 4748
Ion Ratio Lower Upper
82 100
128 37.0 36.8 55.2
54 57.5 37.4 56.2#



#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 12.275 min Scan# 1255
Delta R.T. -0.019 min
Lab File: BN028376.D
Acq: 24 Oct 2023 13:46

Tgt Ion:152 Resp: 9071
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.523 min Scan# 1590

Delta R.T. -0.011 min

Lab File: BN028376.D

Acq: 24 Oct 2023 13:46

Instrument :

BNA_N

ClientSampleId :

MW-6I

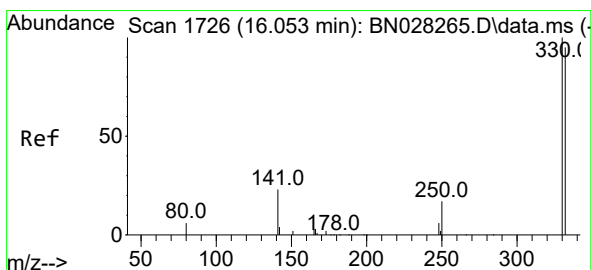
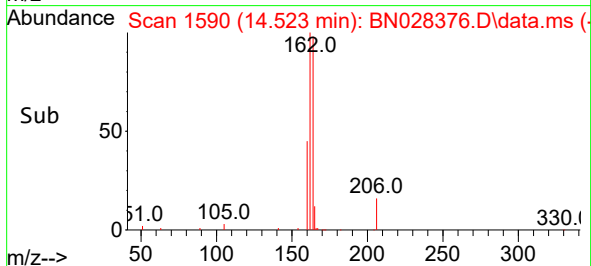
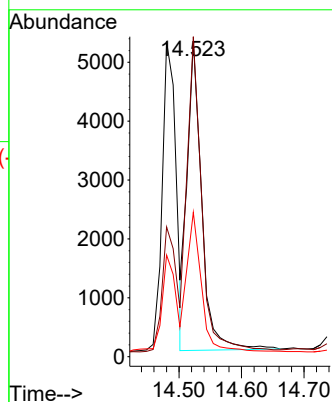
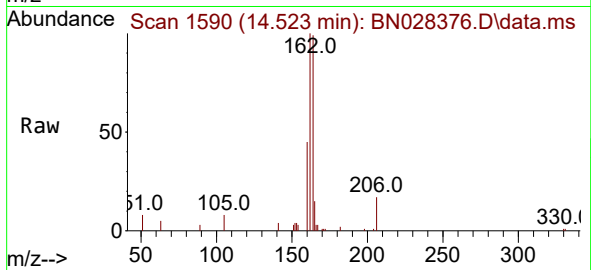
Tgt Ion:164 Resp: 8478

Ion Ratio Lower Upper

164 100

162 101.4 81.1 121.7

160 45.7 36.6 54.8



#14

2,4,6-Tribromophenol

Concen: 0.362 ng

RT: 16.028 min Scan# 1724

Delta R.T. -0.037 min

Lab File: BN028376.D

Acq: 24 Oct 2023 13:46

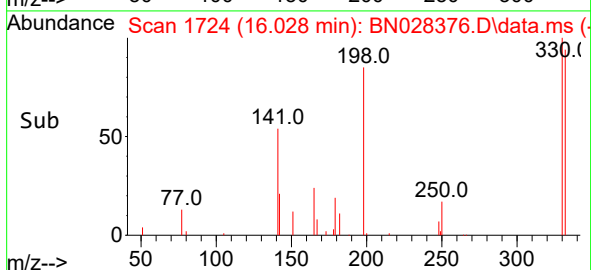
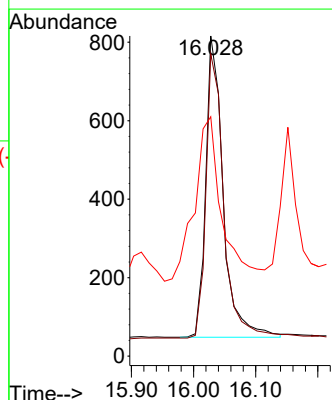
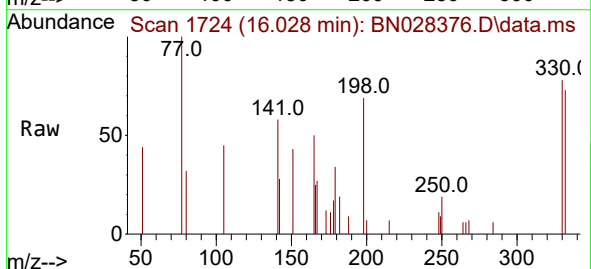
Tgt Ion:330 Resp: 1498

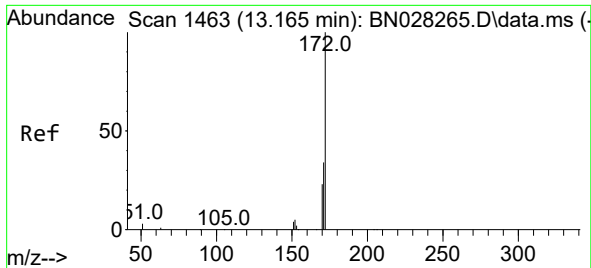
Ion Ratio Lower Upper

330 100

332 96.5 74.1 111.1

141 67.0 32.1 48.1#

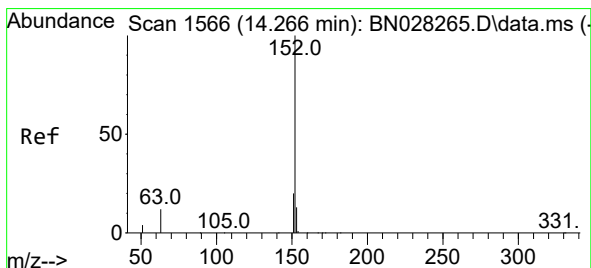
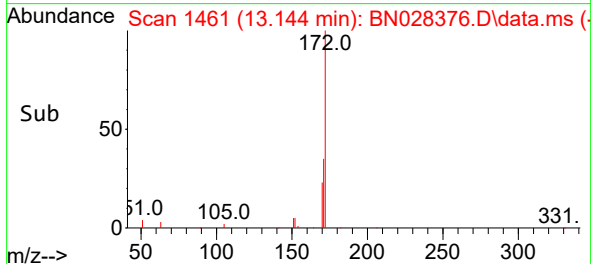
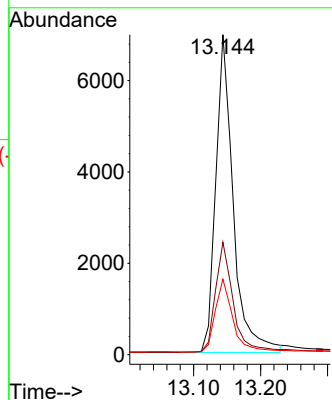
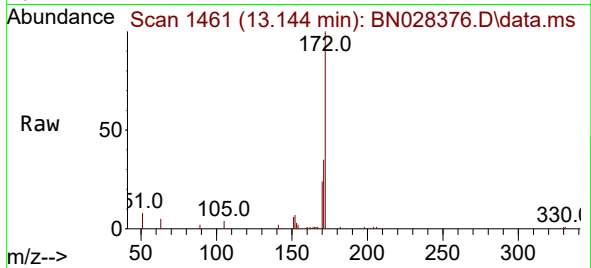




#15
2-Fluorobiphenyl
Concen: 0.421 ng
RT: 13.144 min Scan# 1461
Delta R.T. -0.021 min
Lab File: BN028376.D
Acq: 24 Oct 2023 13:46

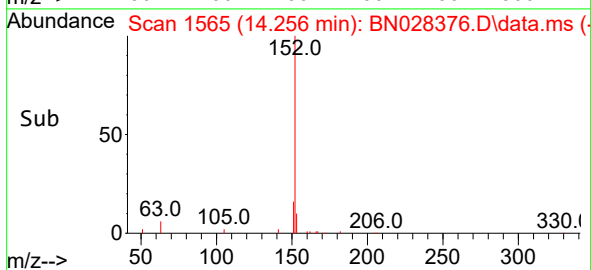
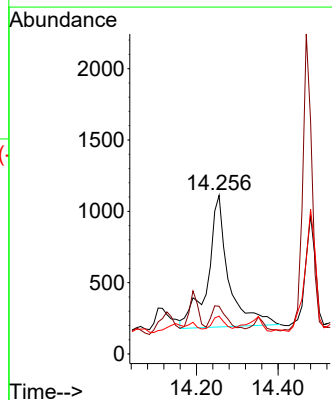
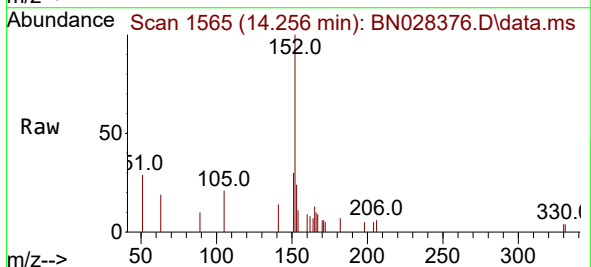
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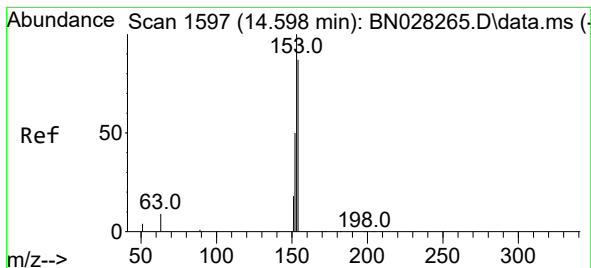
Tgt Ion:172 Resp: 12564
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.6 18.7 28.1



#16
Acenaphthylene
Concen: 0.086 ng
RT: 14.256 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BN028376.D
Acq: 24 Oct 2023 13:46

Tgt Ion:152 Resp: 3264
Ion Ratio Lower Upper
152 100
151 16.5 15.6 23.4
153 7.5 10.6 16.0#





#17

Acenaphthene

Concen: 0.037 ng

RT: 14.576 min Scan# 1595

Delta R.T. -0.021 min

Lab File: BN028376.D

Acq: 24 Oct 2023 13:46

Instrument :

BNA_N

ClientSampleId :

MW-6I

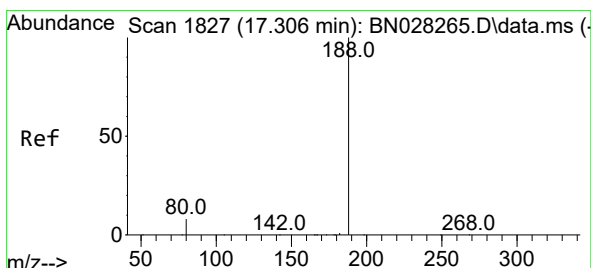
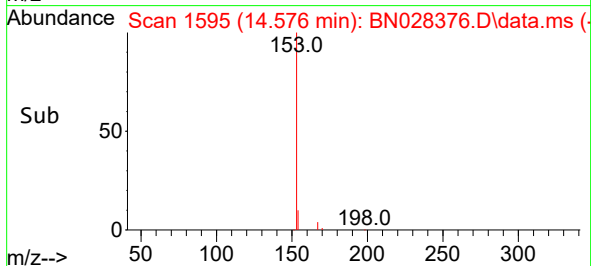
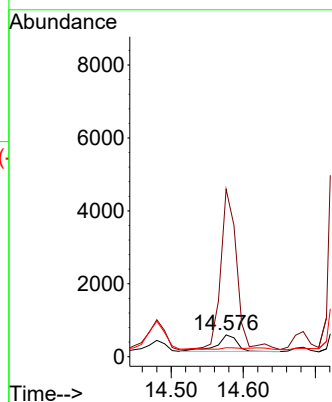
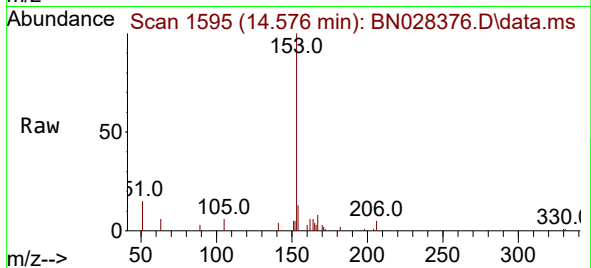
Tgt Ion:154 Resp: 899

Ion Ratio Lower Upper

154 100

153 760.8 90.7 136.1#

152 0.0 43.6 65.4#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.281 min Scan# 1825

Delta R.T. -0.012 min

Lab File: BN028376.D

Acq: 24 Oct 2023 13:46

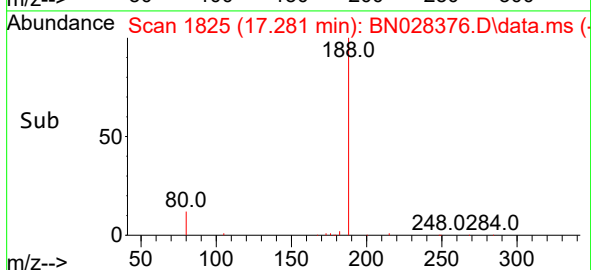
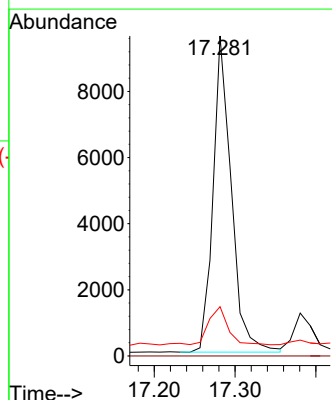
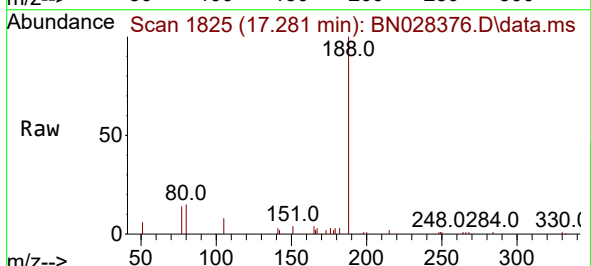
Tgt Ion:188 Resp: 15015

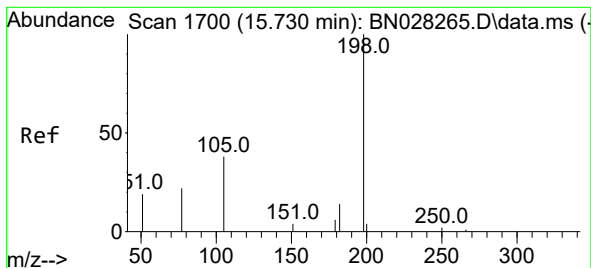
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.4 7.1 10.7#

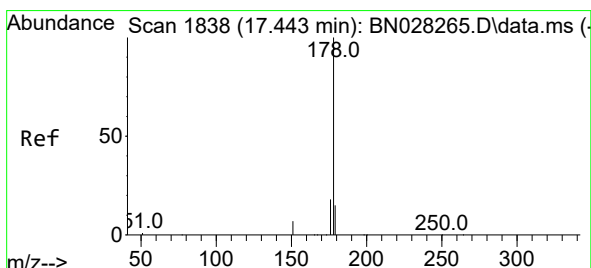
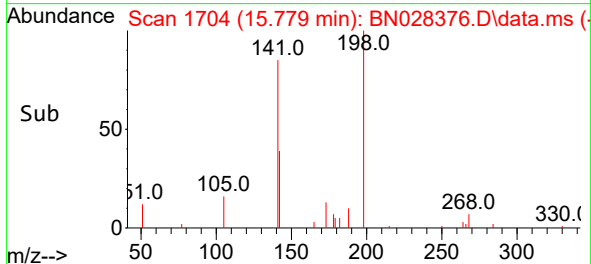
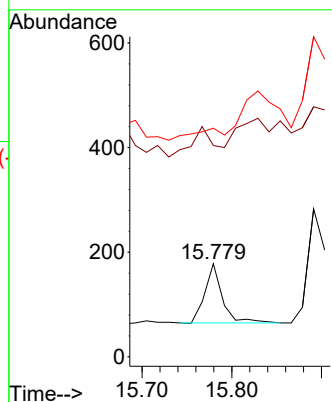
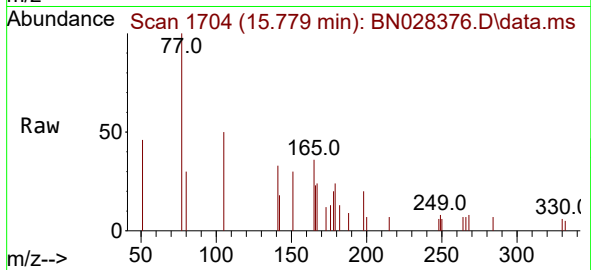




#20
4,6-Dinitro-2-methylphenol
Concen: 0.328 ng
RT: 15.779 min Scan# 1704
Delta R.T. -0.025 min
Lab File: BN028376.D
Acq: 24 Oct 2023 13:46

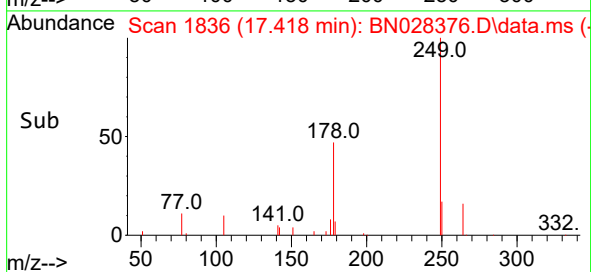
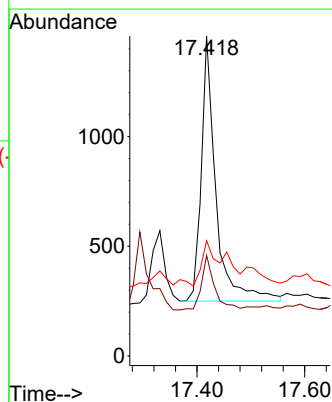
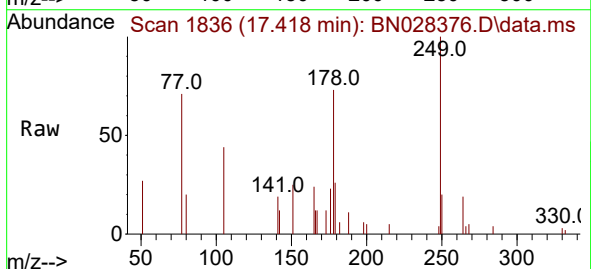
Instrument :
BNA_N
ClientSampleId :
MW-6I

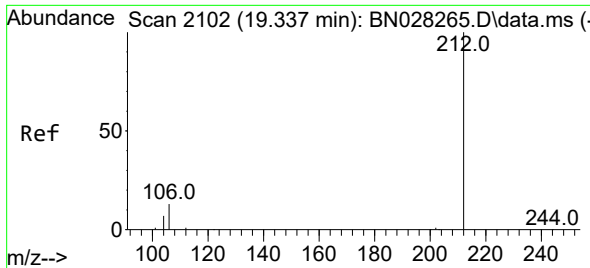
Tgt Ion:198 Resp: 151
Ion Ratio Lower Upper
198 100
51 227.0 96.1 144.1#
105 245.5 75.4 113.0#



#26
Anthracene
Concen: 0.058 ng
RT: 17.418 min Scan# 1836
Delta R.T. -0.012 min
Lab File: BN028376.D
Acq: 24 Oct 2023 13:46

Tgt Ion:178 Resp: 2274
Ion Ratio Lower Upper
178 100
176 19.0 14.6 22.0
179 20.8 12.2 18.4#

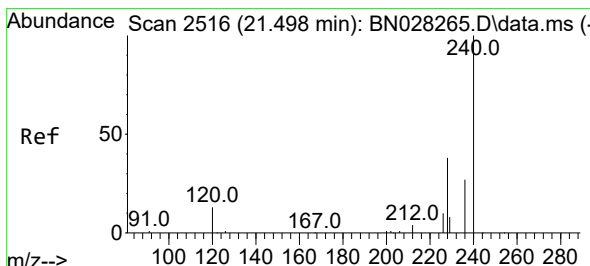
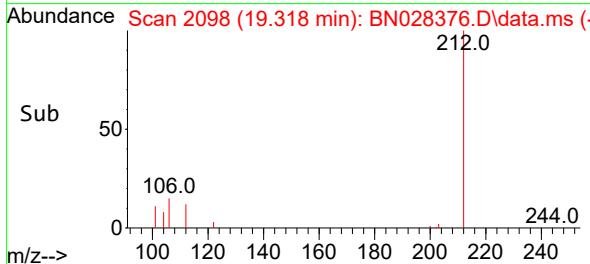
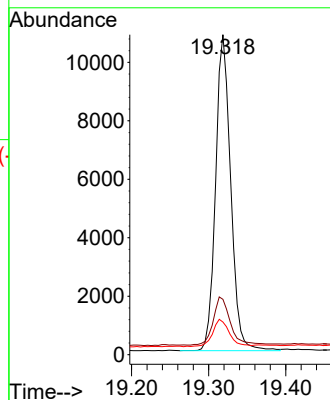
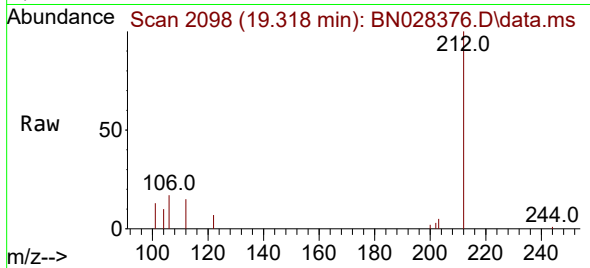




#27
Fluoranthene-d10
Concen: 0.366 ng
RT: 19.318 min Scan# 2098
Delta R.T. -0.009 min
Lab File: BN028376.D
Acq: 24 Oct 2023 13:46

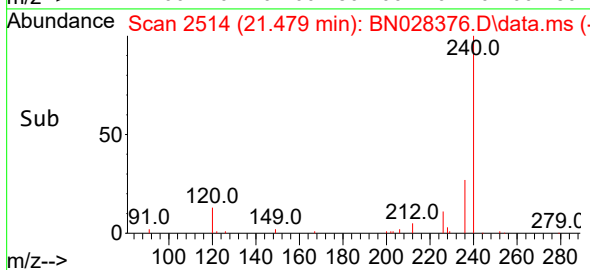
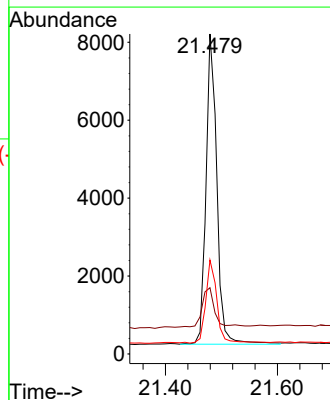
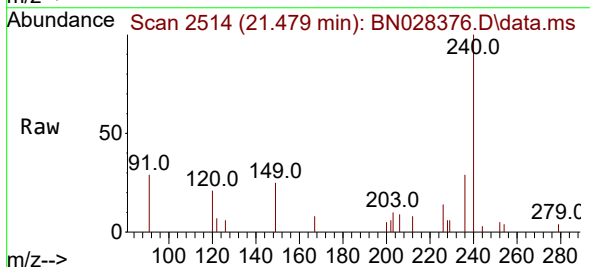
Instrument :
BNA_N
ClientSampleId :
MW-6I

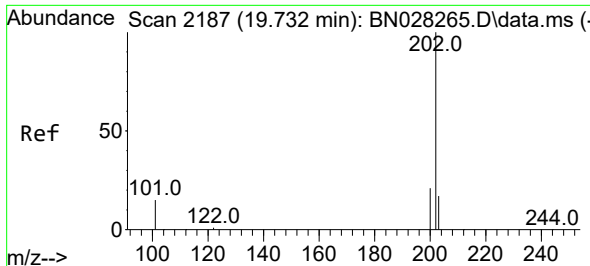
Tgt Ion:212 Resp: 14712
Ion Ratio Lower Upper
212 100
106 17.3 11.5 17.3#
104 9.7 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.479 min Scan# 2514
Delta R.T. -0.009 min
Lab File: BN028376.D
Acq: 24 Oct 2023 13:46

Tgt Ion:240 Resp: 10681
Ion Ratio Lower Upper
240 100
120 20.7 13.4 20.0#
236 29.3 22.7 34.1

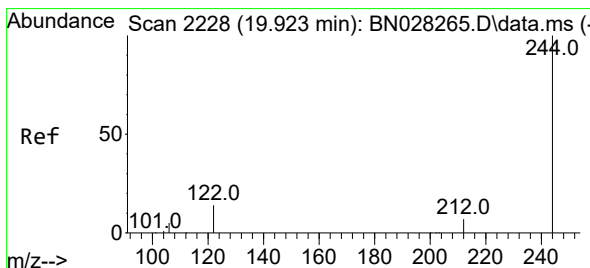
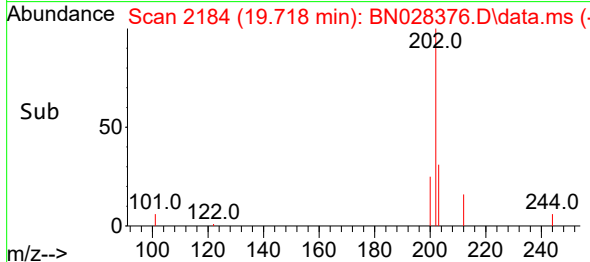
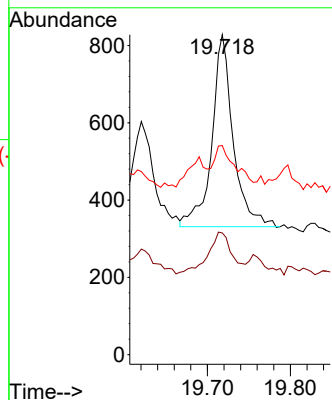
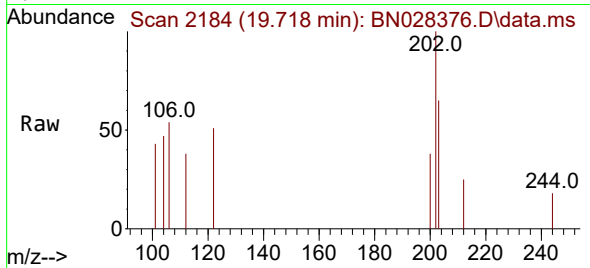




#30
Pyrene
Concen: 0.024 ng
RT: 19.718 min Scan# 2184
Delta R.T. -0.009 min
Lab File: BN028376.D
Acq: 24 Oct 2023 13:46

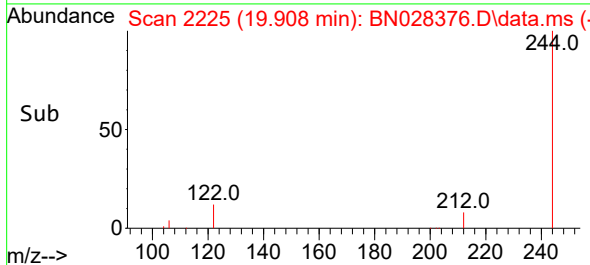
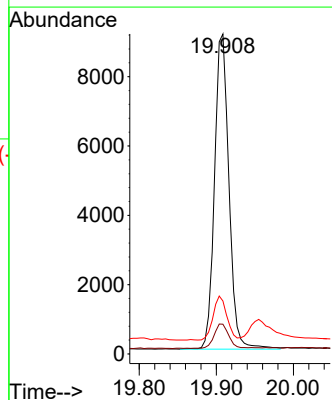
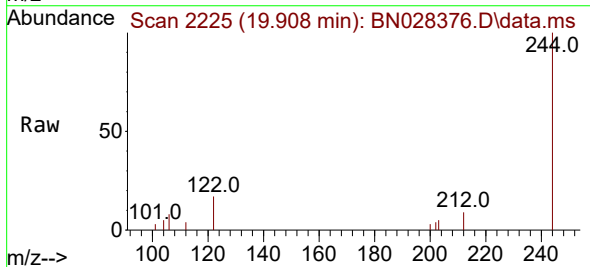
Instrument :
BNA_N
ClientSampleId :
MW-6I

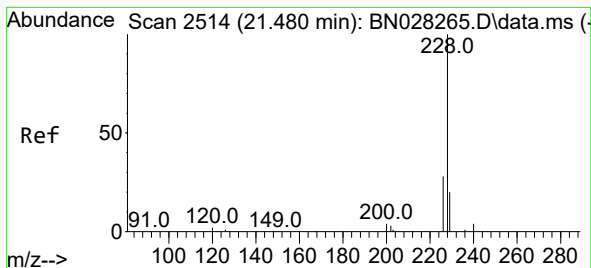
Tgt Ion:202 Resp: 886
Ion Ratio Lower Upper
202 100
200 24.6 16.7 25.1
203 19.3 14.5 21.7



#31
Terphenyl-d14
Concen: 0.522 ng
RT: 19.908 min Scan# 2225
Delta R.T. -0.009 min
Lab File: BN028376.D
Acq: 24 Oct 2023 13:46

Tgt Ion:244 Resp: 11828
Ion Ratio Lower Upper
244 100
212 9.3 6.6 10.0
122 16.5 11.7 17.5





#32

Benzo(a)anthracene

Concen: 0.029 ng

RT: 21.462 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN028376.D

Acq: 24 Oct 2023 13:46

Instrument :

BNA_N

ClientSampleId :

MW-6I

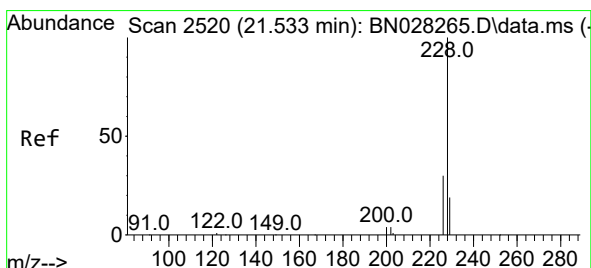
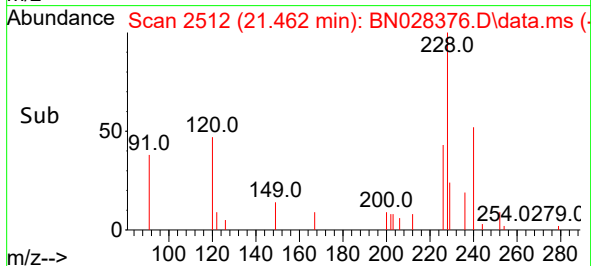
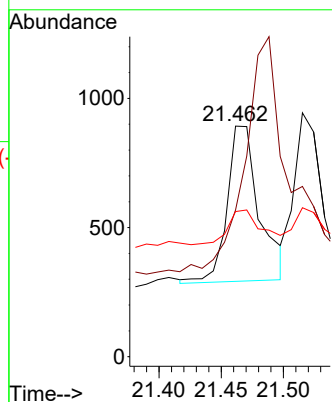
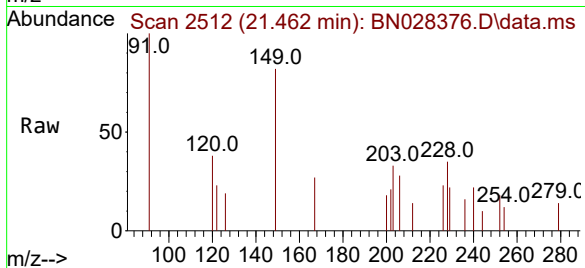
Tgt Ion:228 Resp: 1083

Ion Ratio Lower Upper

228 100

226 63.6 22.9 34.3#

229 62.9 16.6 24.8#



#33

Chrysene

Concen: 0.026 ng

RT: 21.515 min Scan# 2518

Delta R.T. -0.009 min

Lab File: BN028376.D

Acq: 24 Oct 2023 13:46

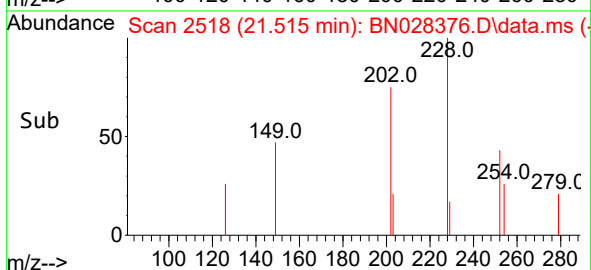
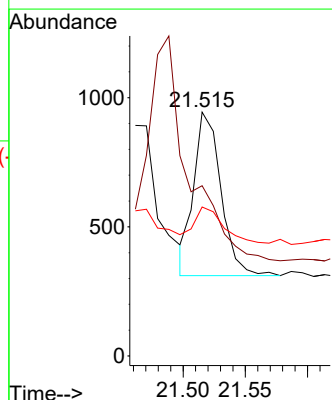
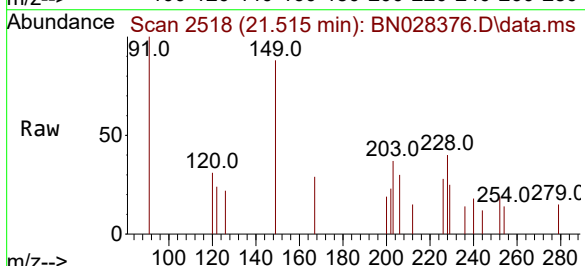
Tgt Ion:228 Resp: 959

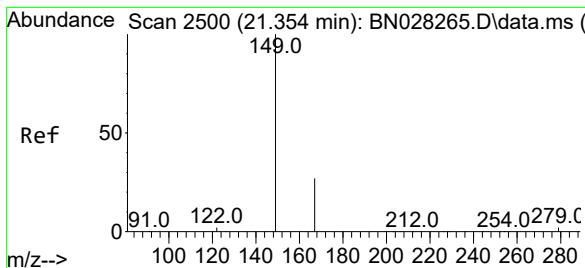
Ion Ratio Lower Upper

228 100

226 69.8 25.2 37.8#

229 61.1 16.6 25.0#

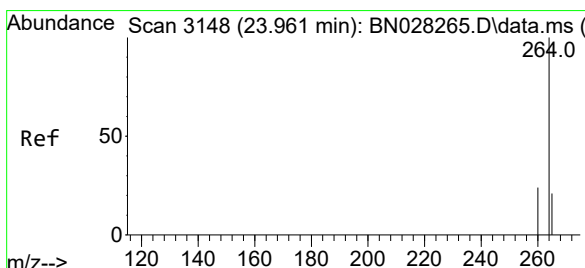
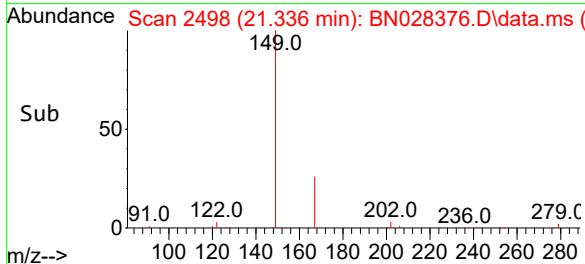
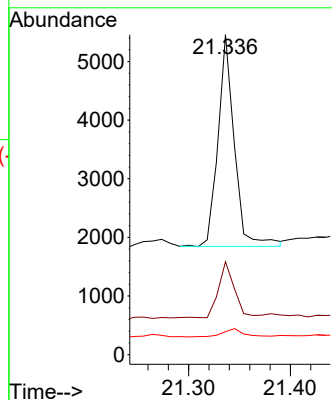
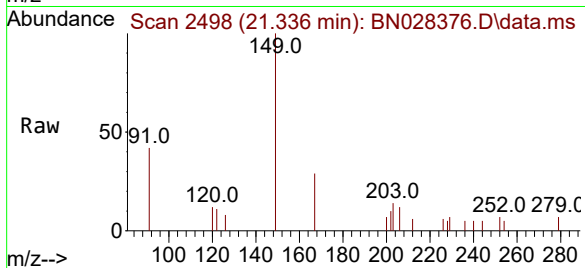




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.139 ng
 RT: 21.336 min Scan# 2498
 Delta R.T. -0.009 min
 Lab File: BN028376.D
 Acq: 24 Oct 2023 13:46

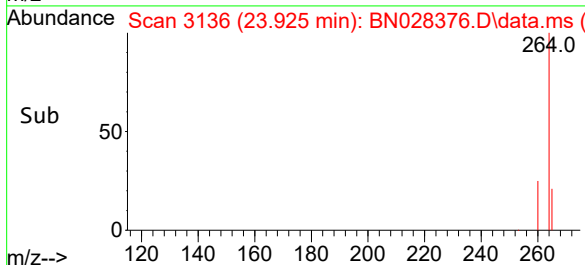
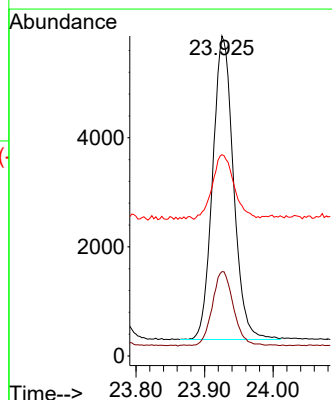
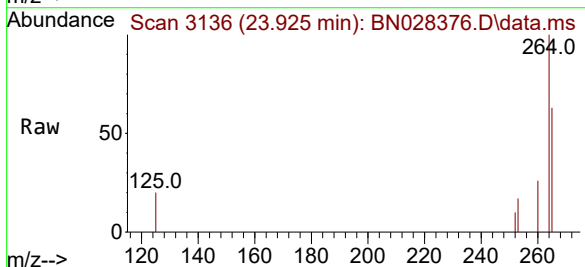
Instrument :
 BNA_N
 ClientSampleId :
 MW-6I

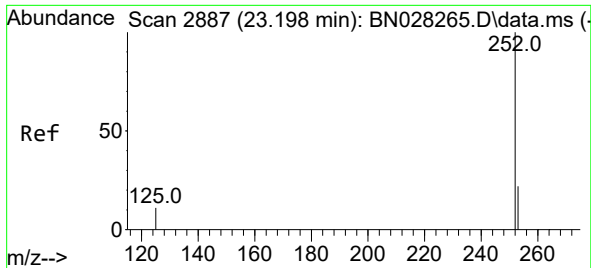
Tgt Ion:149 Resp: 4019
 Ion Ratio Lower Upper
 149 100
 167 25.2 22.6 34.0
 279 4.9 4.2 6.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.925 min Scan# 3136
 Delta R.T. -0.012 min
 Lab File: BN028376.D
 Acq: 24 Oct 2023 13:46

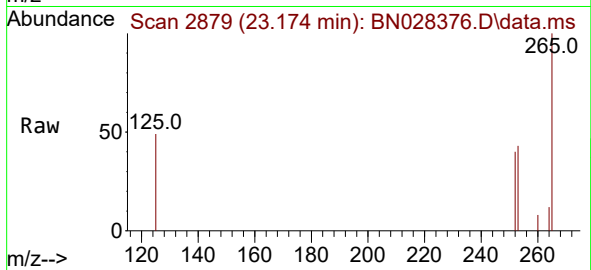
Tgt Ion:264 Resp: 11718
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.7 31.1
 265 62.9 38.3 57.5





#37
 Benzo(b)fluoranthene
 Concen: 0.026 ng
 RT: 23.174 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BN028376.D
 Acq: 24 Oct 2023 13:46

Instrument :
 BNA_N
 ClientSampleId :
 MW-6I



Tgt Ion:252 Resp: 970
 Ion Ratio Lower Upper
 252 100
 253 107.1 21.8 32.8#
 125 123.0 15.6 23.4#

