

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
 Data File : BN021676.D
 Acq On : 10 Sep 2022 00:33
 Operator : CG/JU
 Sample : N4537-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW6

Quant Time: Sep 10 02:12:04 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 23:19:14 2022
 Response via : Initial Calibration

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

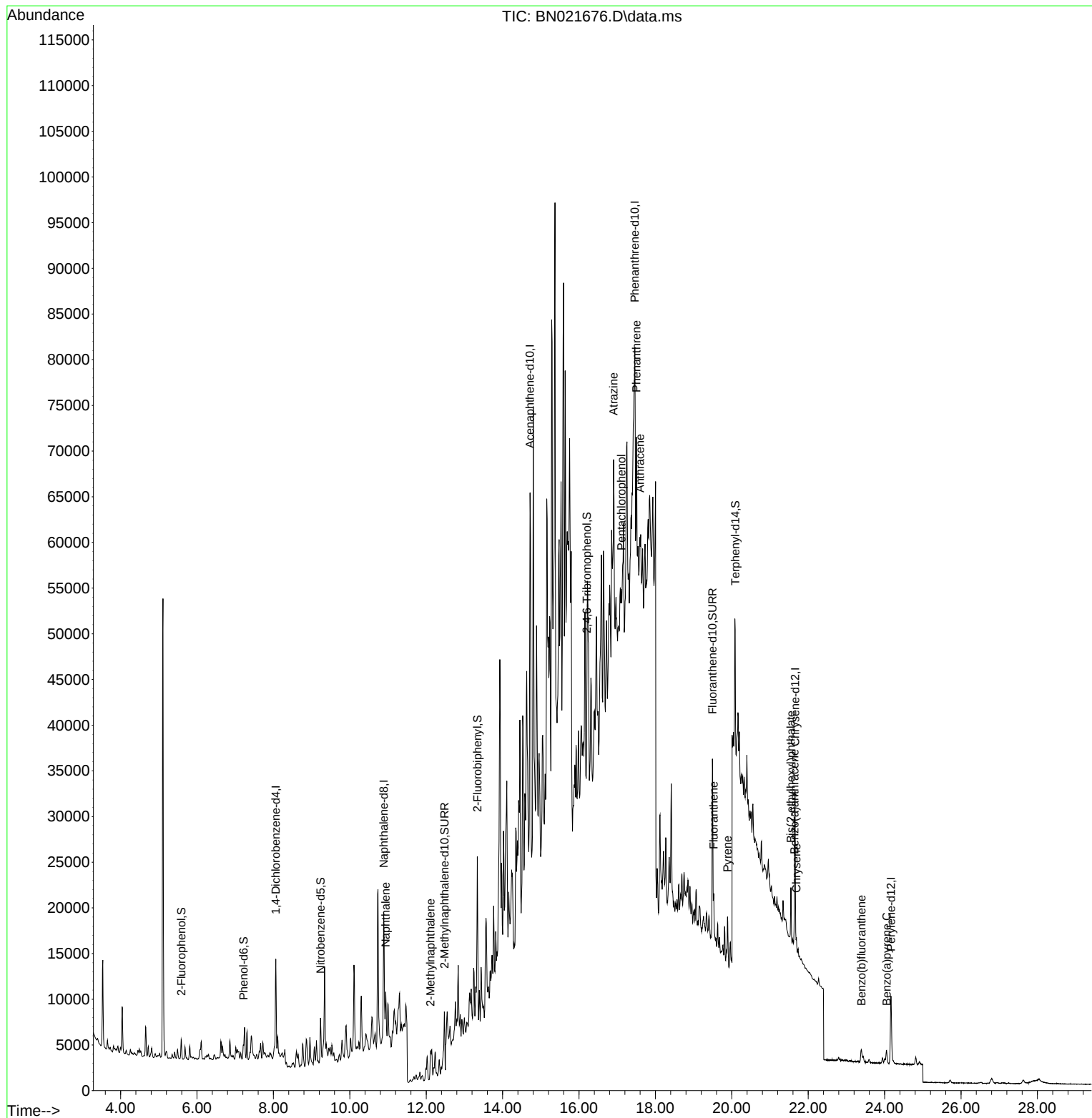
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	5209	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	17777	0.400	ng	#-0.01
13) Acenaphthene-d10	14.718	164	20558	0.400	ng	# 0.00
19) Phenanthrene-d10	17.460	188	18647	0.400	ng	#-0.01
29) Chrysene-d12	21.655	240	15474	0.400	ng	# 0.00
35) Perylene-d12	24.165	264	10822	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	1860	0.182	ng	0.00
5) Phenol-d6	7.217	99	1502	0.116	ng	0.00
8) Nitrobenzene-d5	9.233	82	4181	0.348	ng	0.00
11) 2-Methylnaphthalene-d10	12.478	152	9636	0.240	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	2068	0.306	ng	0.00
15) 2-Fluorobiphenyl	13.339	172	14286	0.159	ng	0.00
27) Fluoranthene-d10	19.493	212	20171	0.421	ng	0.00
31) Terphenyl-d14	20.088	244	13939	0.401	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.941	128	5509	0.105	ng	# 93
12) 2-Methylnaphthalene	12.115	142	1108	0.253	ng	# 1
23) Atrazine	16.906	200	4433	0.651	ng	# 1
24) Pentachlorophenol	17.111	266	51	0.214	ng	# 68
25) Phenanthrene	17.501	178	1861	0.029	ng	# 1
26) Anthracene	17.593	178	1783	0.035	ng	# 1
28) Fluoranthene	19.527	202	4163	0.062	ng	# 67
30) Pyrene	19.889	202	4211	0.051	ng	# 66
32) Benzo(a)anthracene	21.637	228	1423	0.026	ng	# 47
33) Chrysene	21.691	228	1464	0.023	ng	# 44
34) Bis(2-ethylhexyl)phtha...	21.548	149	5102	0.235	ng	# 88
37) Benzo(b)fluoranthene	23.396	252	1998	0.037	ng	# 1
39) Benzo(a)pyrene	24.051	252	1165	0.031	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
Data File : BN021676.D
Acq On : 10 Sep 2022 00:33
Operator : CG/JU
Sample : N4537-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW6

Quant Time: Sep 10 02:12:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 23:19:14 2022
Response via : Initial Calibration

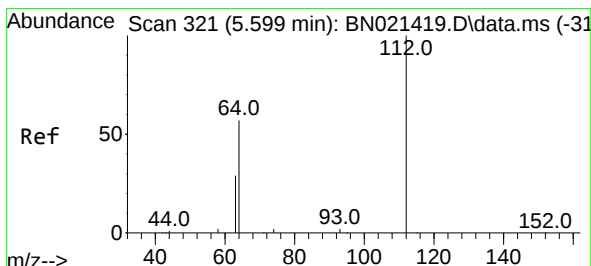
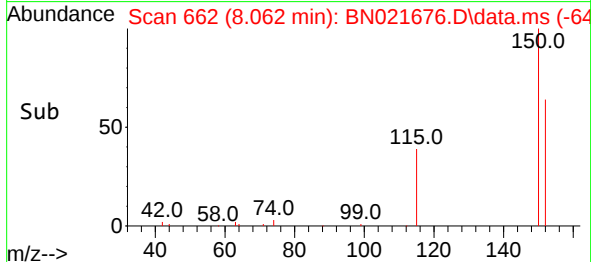
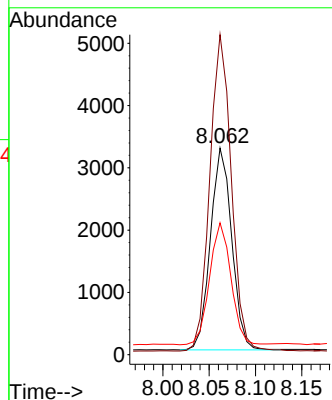
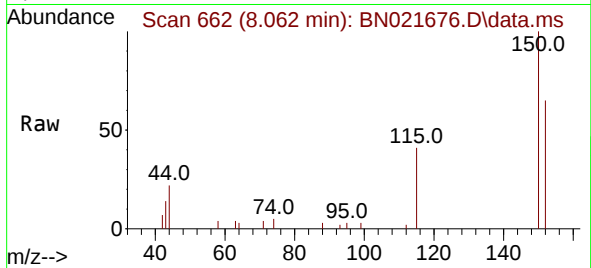




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.062 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN021676.D
Acq: 10 Sep 2022 00:33

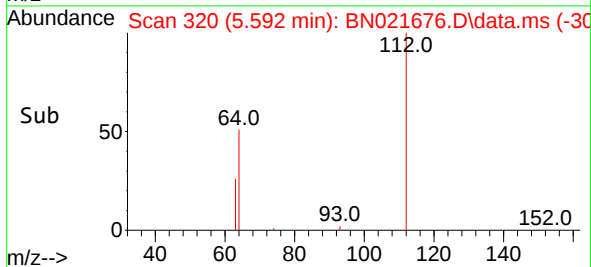
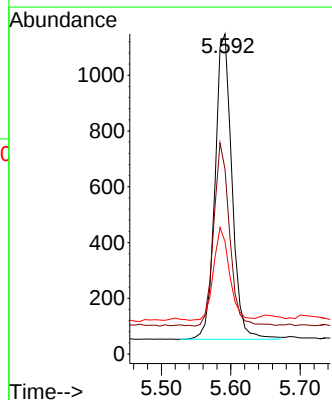
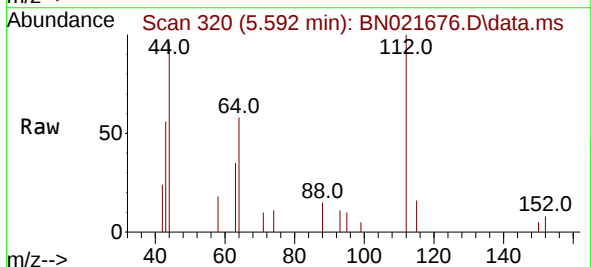
Instrument :
BNA_N
ClientSampleId :
MW6

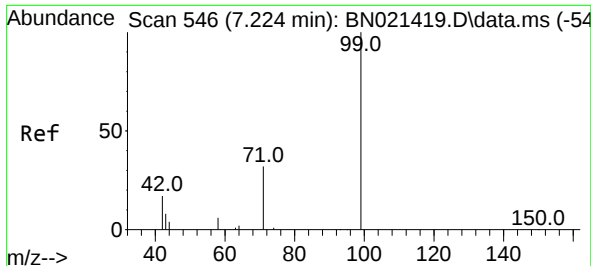
Tgt Ion:152 Resp: 5209
Ion Ratio Lower Upper
152 100
150 154.9 121.4 182.0
115 63.9 48.6 72.8



#4
2-Fluorophenol
Concen: 0.182 ng
RT: 5.592 min Scan# 320
Delta R.T. 0.000 min
Lab File: BN021676.D
Acq: 10 Sep 2022 00:33

Tgt Ion:112 Resp: 1860
Ion Ratio Lower Upper
112 100
64 56.0 43.5 65.3
63 28.7 22.6 34.0

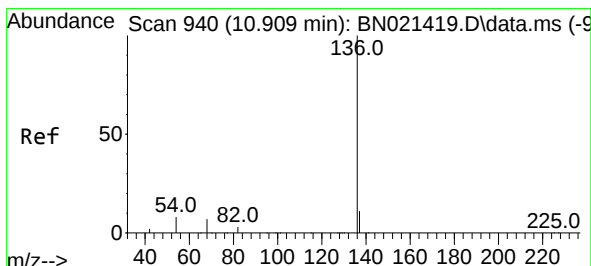
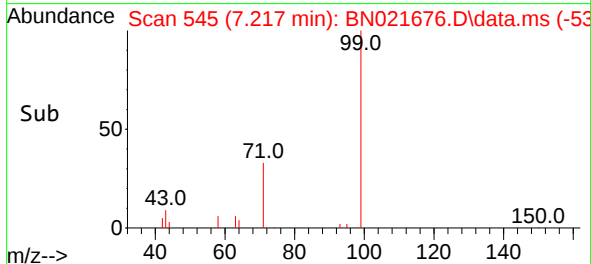
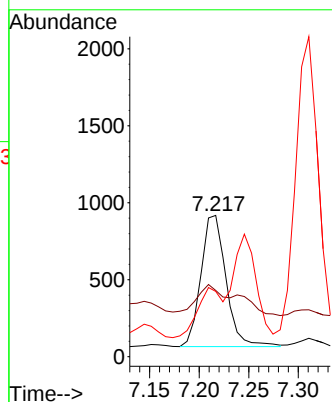
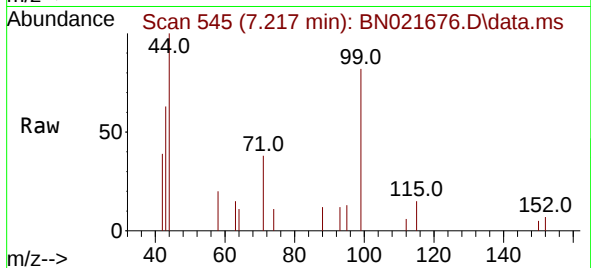




#5
Phenol-d6
Concen: 0.116 ng
RT: 7.217 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN021676.D
Acq: 10 Sep 2022 00:33

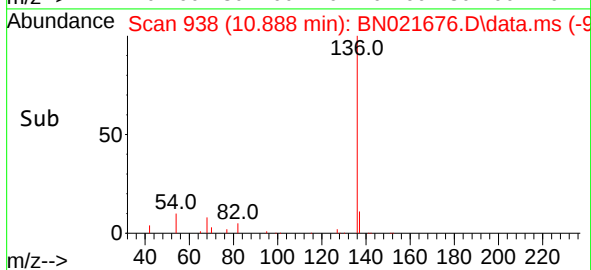
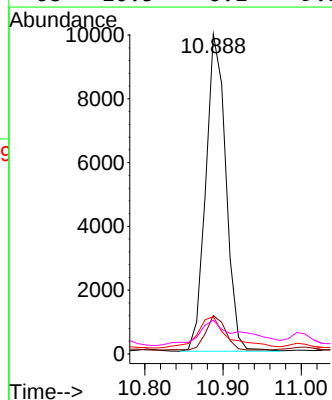
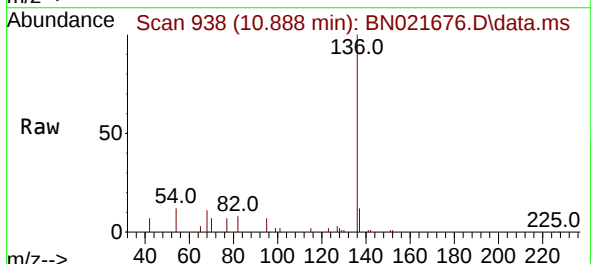
Instrument :
BNA_N
ClientSampleId :
MW6

Tgt Ion: 99 Resp: 1502
Ion Ratio Lower Upper
99 100
42 21.2 15.5 23.3
71 37.0 24.2 36.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 938
Delta R.T. -0.011 min
Lab File: BN021676.D
Acq: 10 Sep 2022 00:33

Tgt Ion: 136 Resp: 17777
Ion Ratio Lower Upper
136 100
137 12.0 9.3 13.9
54 11.6 6.9 10.3#
68 10.5 6.1 9.1#

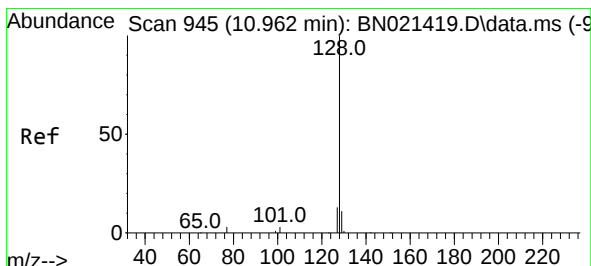
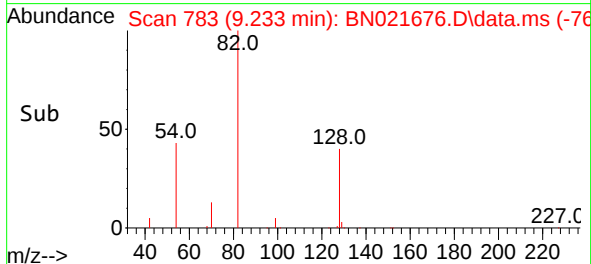
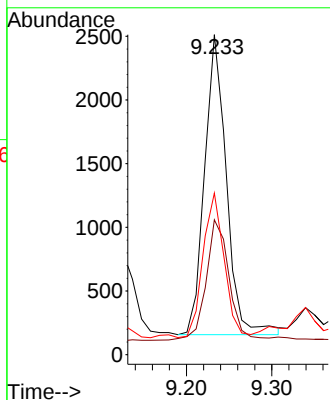
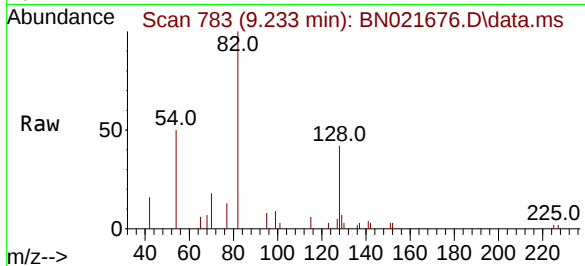




#8
 Nitrobenzene-d5
 Concen: 0.348 ng
 RT: 9.233 min Scan# 783
 Delta R.T. 0.000 min
 Lab File: BN021676.D
 Acq: 10 Sep 2022 00:33

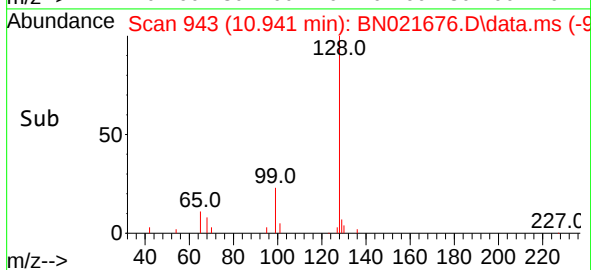
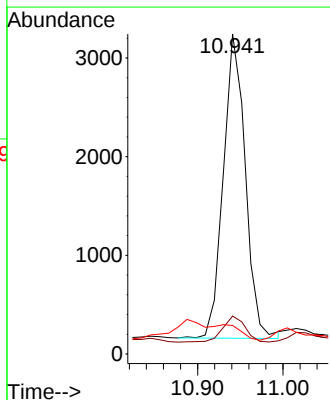
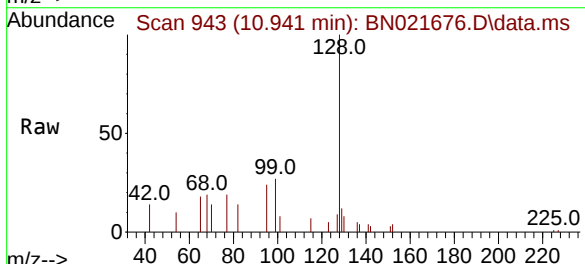
Instrument :
 BNA_N
 ClientSampleId :
 MW6

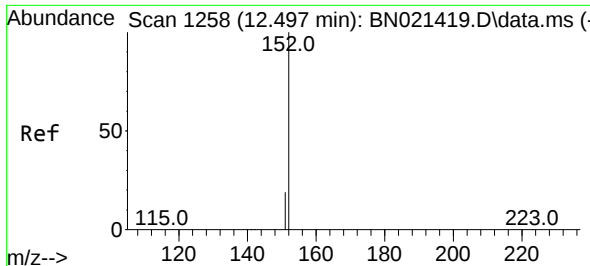
Tgt Ion: 82 Resp: 4181
 Ion Ratio Lower Upper
 82 100
 128 42.1 30.9 46.3
 54 50.5 42.7 64.1



#9
 Naphthalene
 Concen: 0.105 ng
 RT: 10.941 min Scan# 943
 Delta R.T. 0.000 min
 Lab File: BN021676.D
 Acq: 10 Sep 2022 00:33

Tgt Ion: 128 Resp: 5509
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.3 13.9
 127 8.9 11.0 16.4#

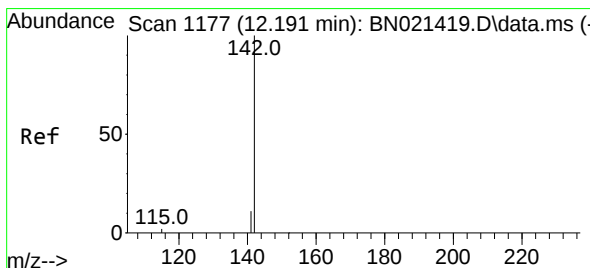
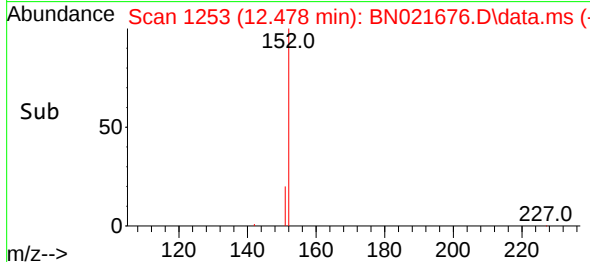
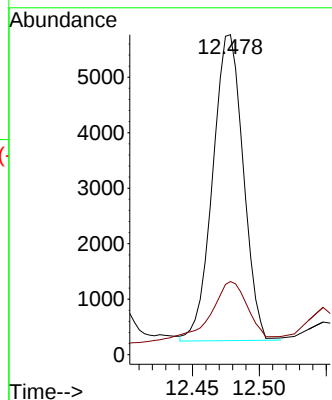
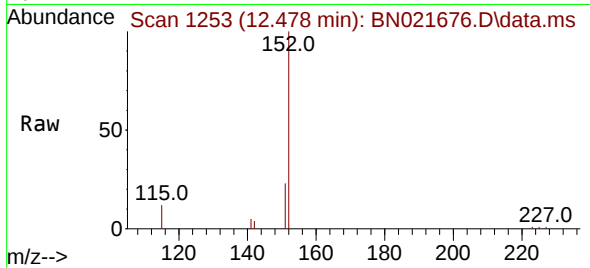




#11
2-Methylnaphthalene-d10
Concen: 0.240 ng
RT: 12.478 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BN021676.D
Acq: 10 Sep 2022 00:33

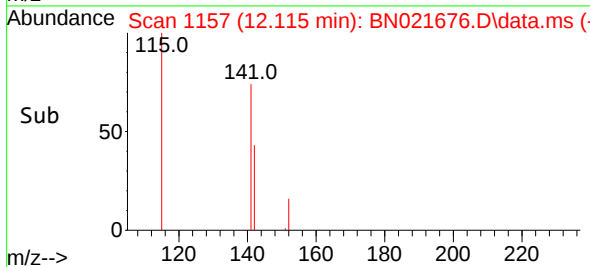
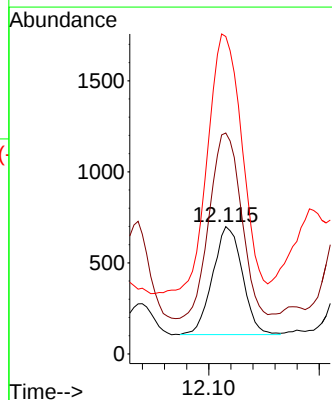
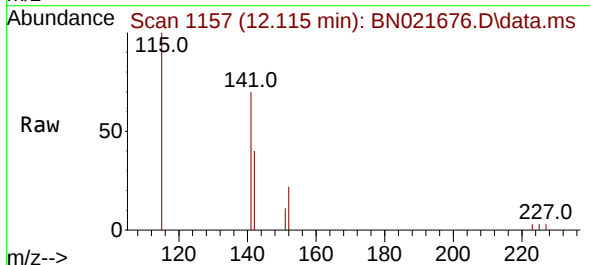
Instrument :
BNA_N
ClientSampleId :
MW6

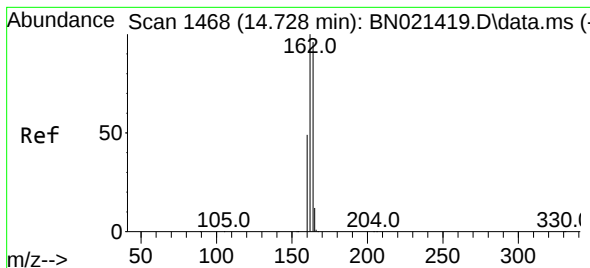
Tgt Ion:152 Resp: 9636
Ion Ratio Lower Upper
152 100
151 24.4 14.5 21.7#



#12
2-Methylnaphthalene
Concen: 0.253 ng
RT: 12.115 min Scan# 1157
Delta R.T. -0.064 min
Lab File: BN021676.D
Acq: 10 Sep 2022 00:33

Tgt Ion:142 Resp: 1108
Ion Ratio Lower Upper
142 100
141 173.5 12.2 18.2#
115 249.4 7.9 11.9#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.718 min Scan# 1467

Delta R.T. 0.000 min

Lab File: BN021676.D

Acq: 10 Sep 2022 00:33

Instrument :

BNA_N

ClientSampleId :

MW6

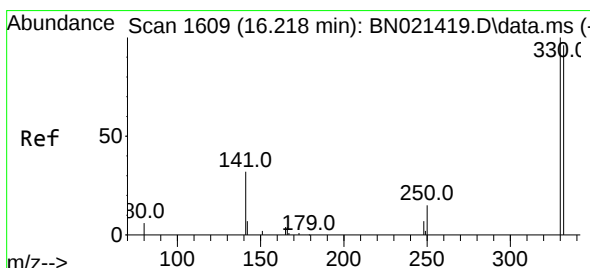
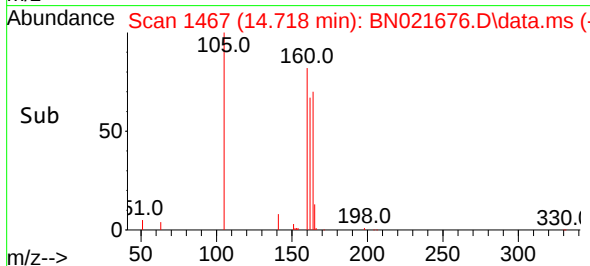
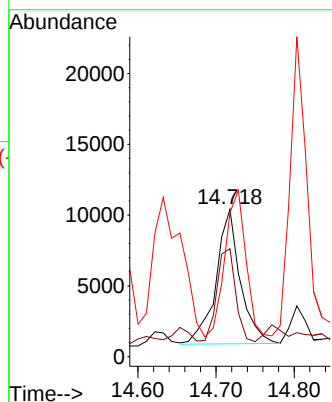
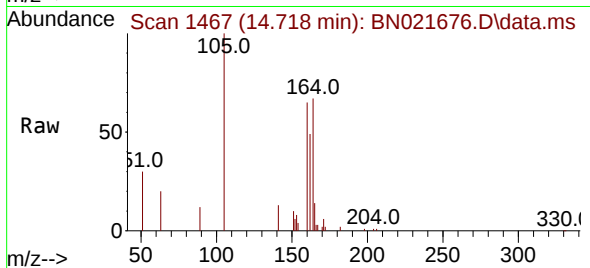
Tgt Ion:164 Resp: 20558

Ion Ratio Lower Upper

164 100

162 73.3 82.2 123.4#

160 97.7 39.5 59.3#



#14

2,4,6-Tribromophenol

Concen: 0.306 ng

RT: 16.208 min Scan# 1608

Delta R.T. 0.000 min

Lab File: BN021676.D

Acq: 10 Sep 2022 00:33

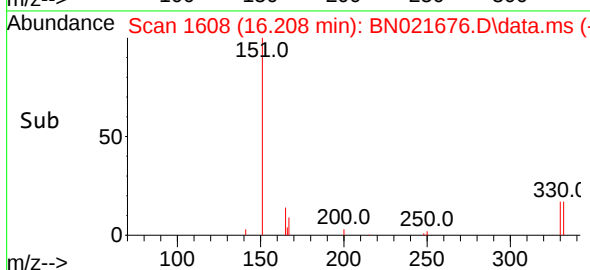
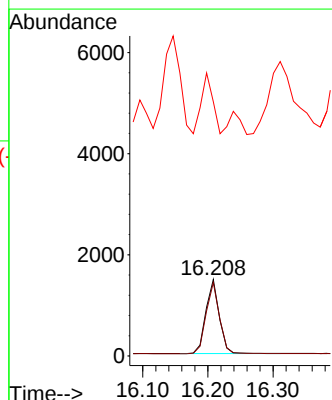
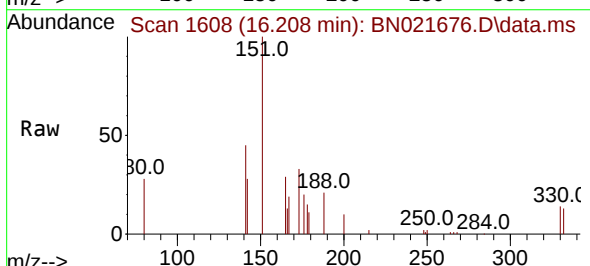
Tgt Ion:330 Resp: 2068

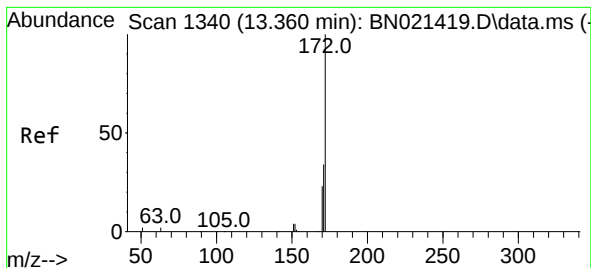
Ion Ratio Lower Upper

330 100

332 96.8 79.3 118.9

141 70.0 37.1 55.7#





#15

2-Fluorobiphenyl

Concen: 0.159 ng

RT: 13.339 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN021676.D

Acq: 10 Sep 2022 00:33

Instrument :

BNA_N

ClientSampleId :

MW6

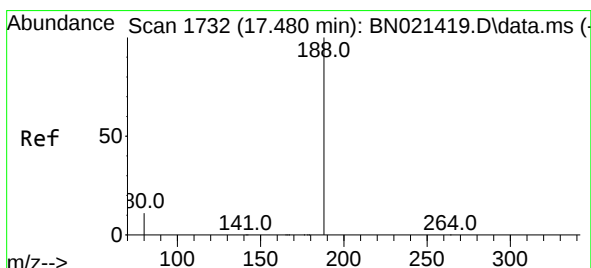
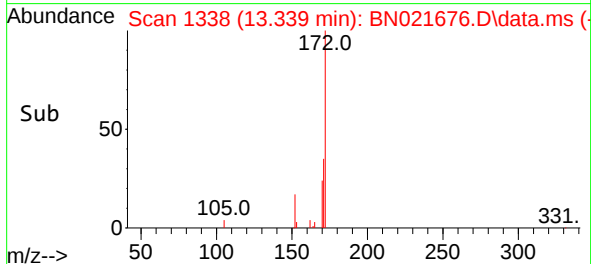
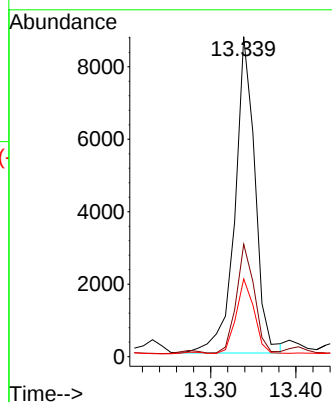
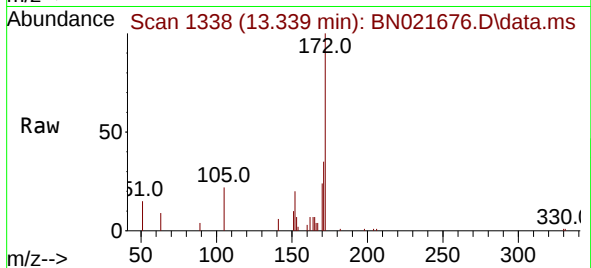
Tgt Ion:172 Resp: 14286

Ion Ratio Lower Upper

172 100

171 35.2 27.8 41.6

170 24.3 18.6 28.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.460 min Scan# 1730

Delta R.T. -0.010 min

Lab File: BN021676.D

Acq: 10 Sep 2022 00:33

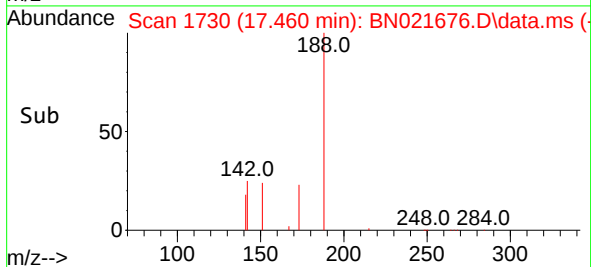
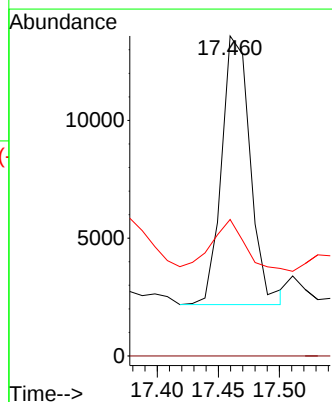
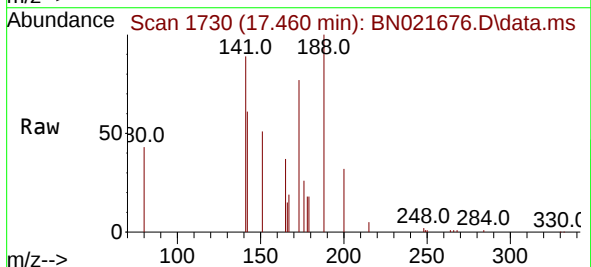
Tgt Ion:188 Resp: 18647

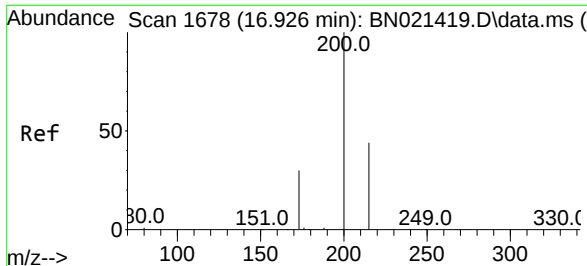
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 42.7 9.5 14.3#

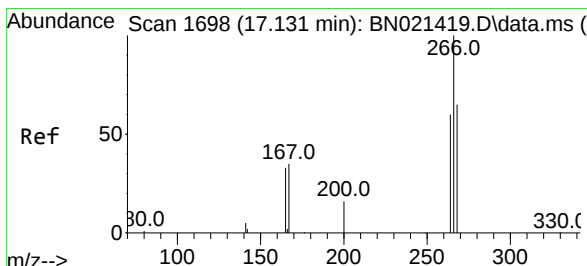
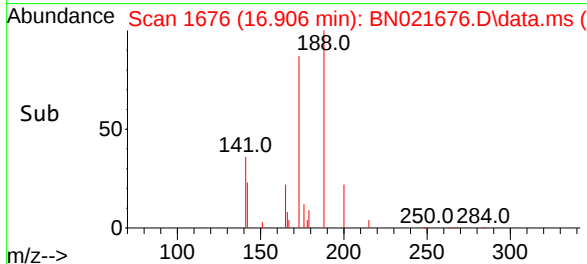
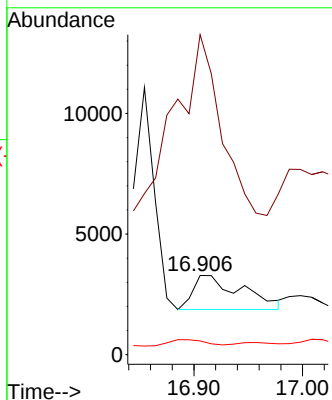
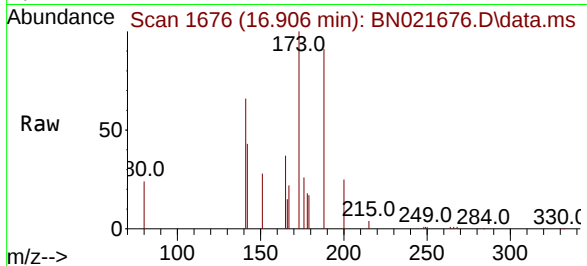




#23
Atrazine
Concen: 0.651 ng
RT: 16.906 min Scan# 1676
Delta R.T. -0.010 min
Lab File: BN021676.D
Acq: 10 Sep 2022 00:33

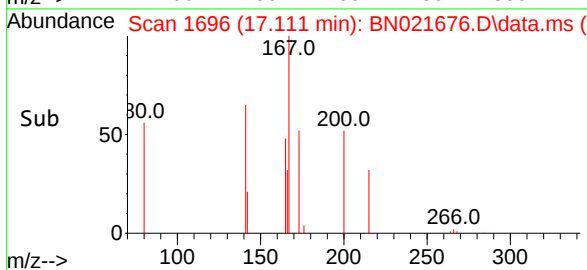
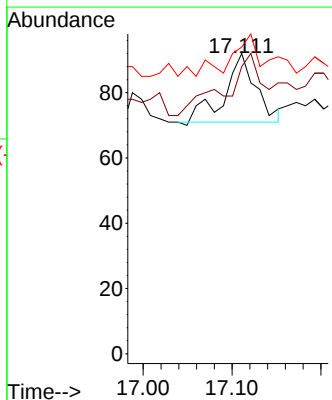
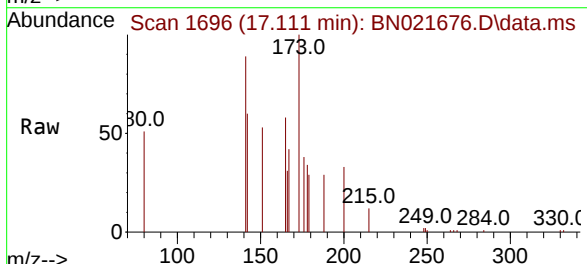
Instrument :
BNA_N
ClientSampleId :
MW6

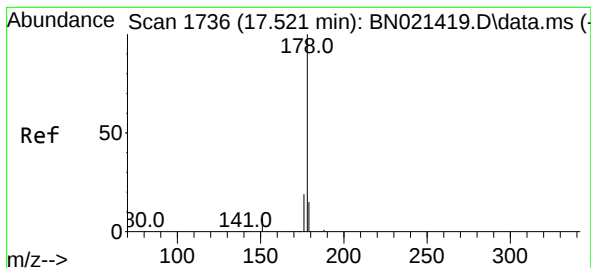
Tgt Ion:200 Resp: 4433
Ion Ratio Lower Upper
200 100
173 404.1 24.3 36.5#
215 17.4 38.4 57.6#



#24
Pentachlorophenol
Concen: 0.214 ng
RT: 17.111 min Scan# 1696
Delta R.T. -0.010 min
Lab File: BN021676.D
Acq: 10 Sep 2022 00:33

Tgt Ion:266 Resp: 51
Ion Ratio Lower Upper
266 100
264 105.9 49.0 73.6#
268 58.8 50.9 76.3





#25

Phenanthrene

Concen: 0.029 ng

RT: 17.501 min Scan# 1736

Delta R.T. -0.010 min

Lab File: BN021676.D

Acq: 10 Sep 2022 00:33

Instrument :

BNA_N

ClientSampleId :

MW6

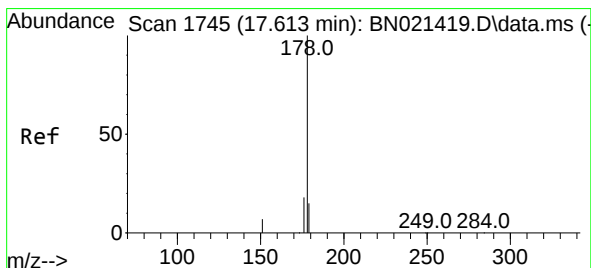
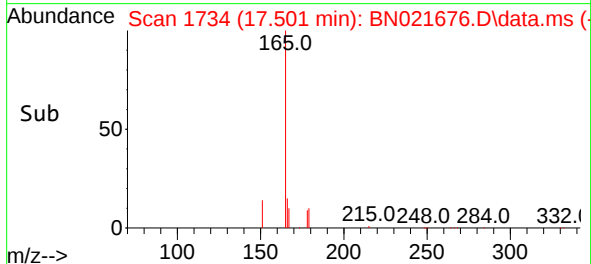
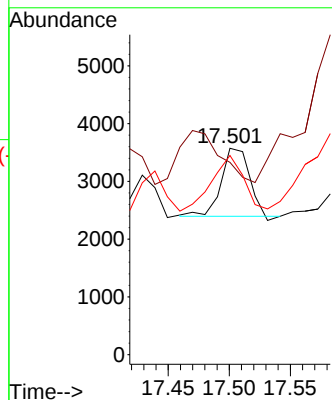
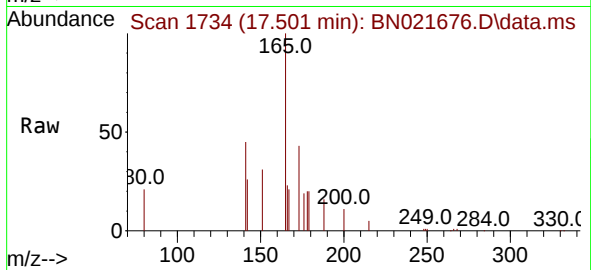
Tgt Ion:178 Resp: 1861

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.2#

179 94.7 12.2 18.4#



#26

Anthracene

Concen: 0.035 ng

RT: 17.593 min Scan# 1743

Delta R.T. -0.010 min

Lab File: BN021676.D

Acq: 10 Sep 2022 00:33

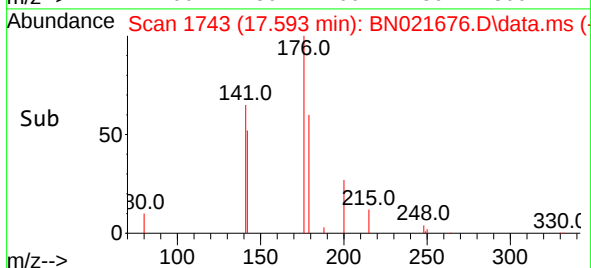
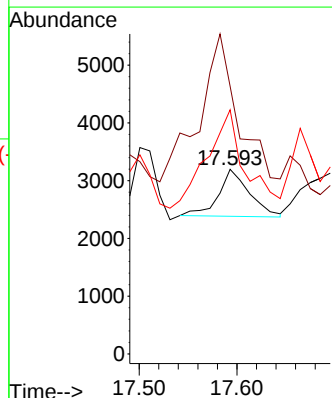
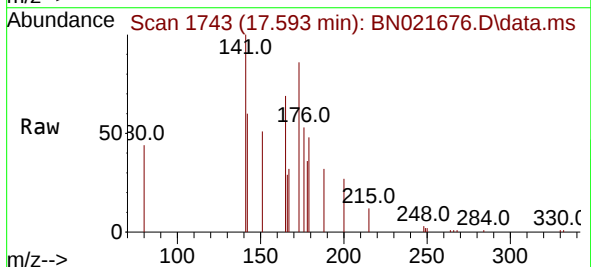
Tgt Ion:178 Resp: 1783

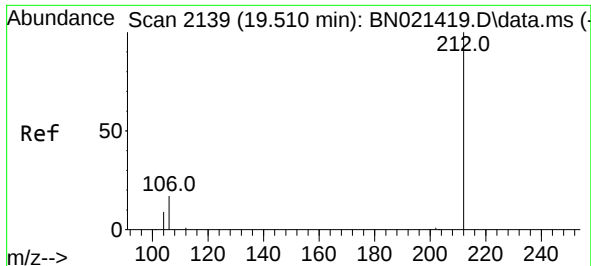
Ion Ratio Lower Upper

178 100

176 425.2 14.6 22.0#

179 256.8 12.2 18.2#





#27

Fluoranthene-d10

Concen: 0.421 ng

RT: 19.493 min Scan# 2135

Delta R.T. -0.004 min

Lab File: BN021676.D

Acq: 10 Sep 2022 00:33

Instrument :

BNA_N

ClientSampleId :

MW6

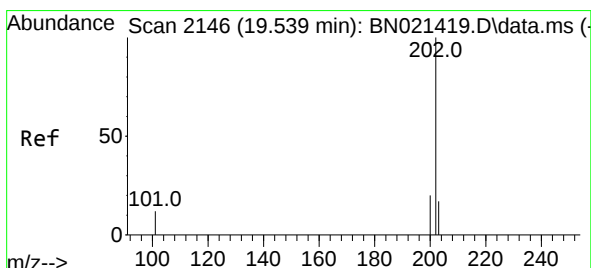
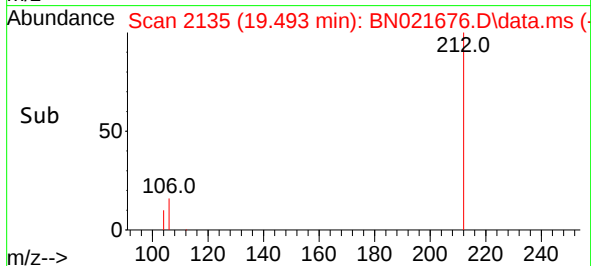
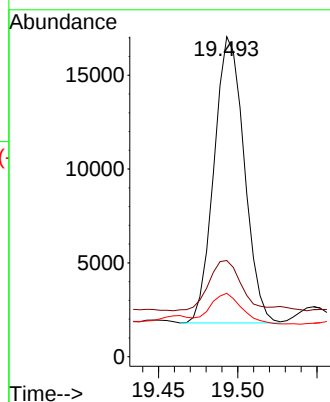
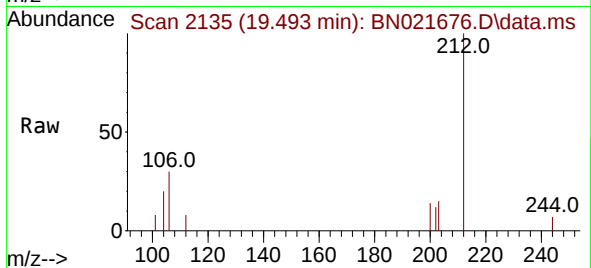
Tgt Ion:212 Resp: 20171

Ion Ratio Lower Upper

212 100

106 19.7 14.2 21.2

104 11.4 7.8 11.6



#28

Fluoranthene

Concen: 0.062 ng

RT: 19.527 min Scan# 2143

Delta R.T. 0.000 min

Lab File: BN021676.D

Acq: 10 Sep 2022 00:33

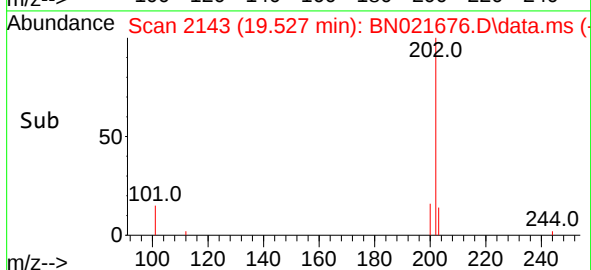
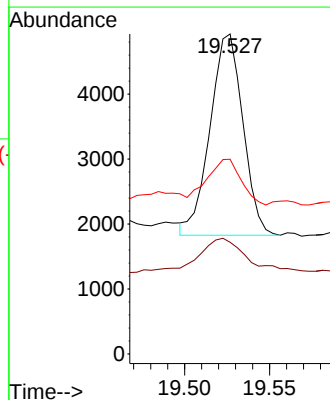
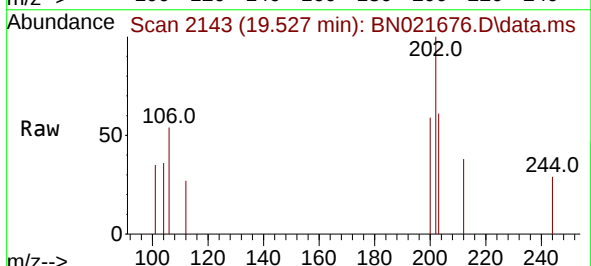
Tgt Ion:202 Resp: 4163

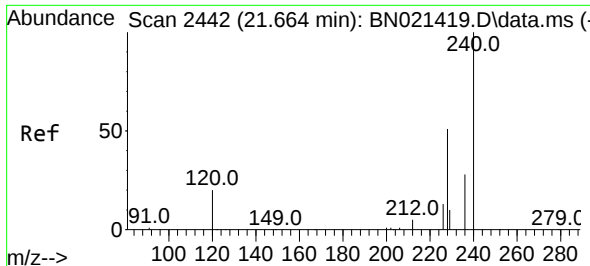
Ion Ratio Lower Upper

202 100

101 36.1 10.9 16.3#

203 23.6 13.8 20.6#

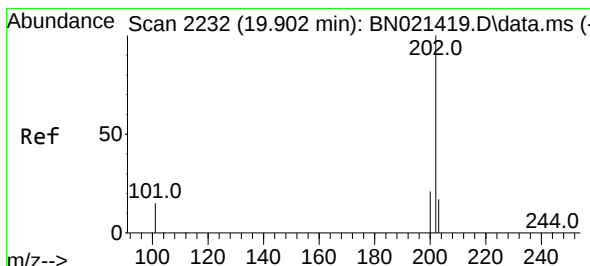
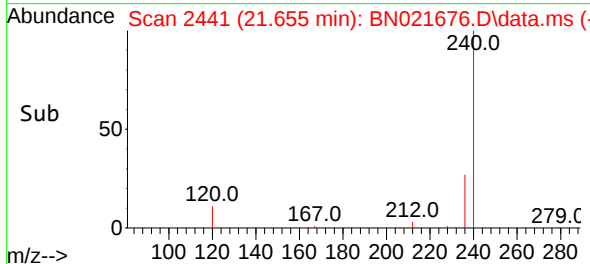
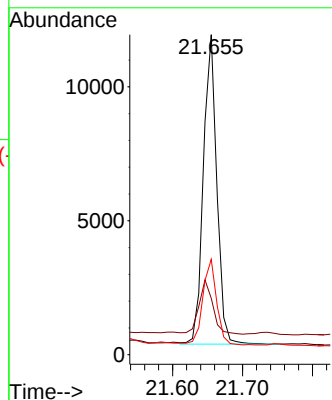
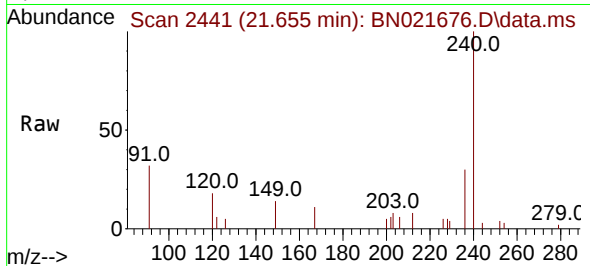




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN021676.D
Acq: 10 Sep 2022 00:33

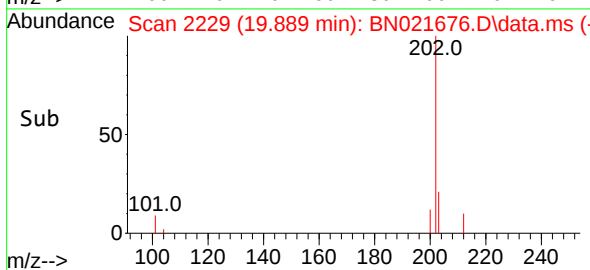
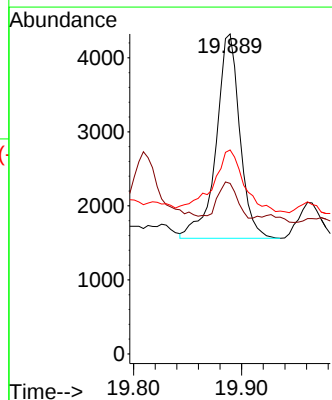
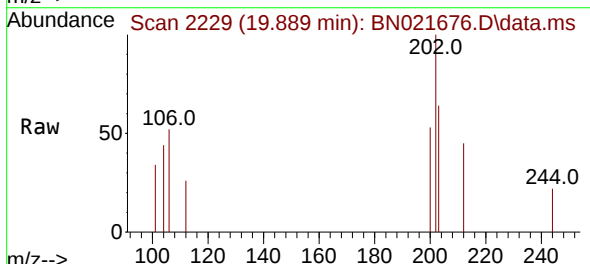
Instrument :
BNA_N
ClientSampleId :
MW6

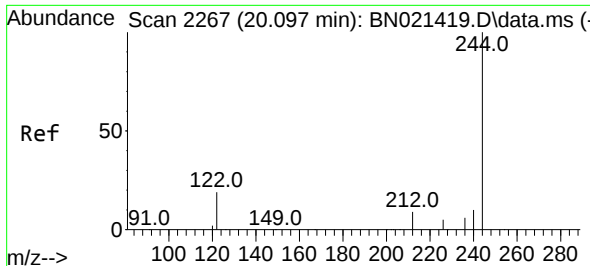
Tgt Ion:240 Resp: 15474
Ion Ratio Lower Upper
240 100
120 17.7 10.2 15.4#
236 29.8 22.1 33.1



#30
Pyrene
Concen: 0.051 ng
RT: 19.889 min Scan# 2229
Delta R.T. 0.000 min
Lab File: BN021676.D
Acq: 10 Sep 2022 00:33

Tgt Ion:202 Resp: 4211
Ion Ratio Lower Upper
202 100
200 13.7 13.9 20.9#
203 41.3 11.9 17.9#

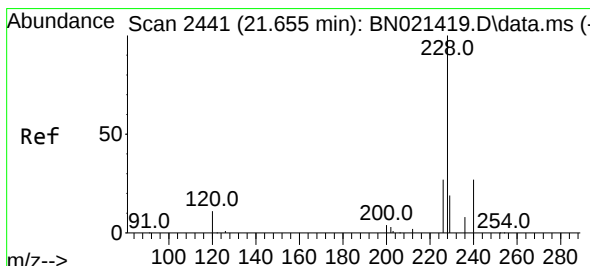
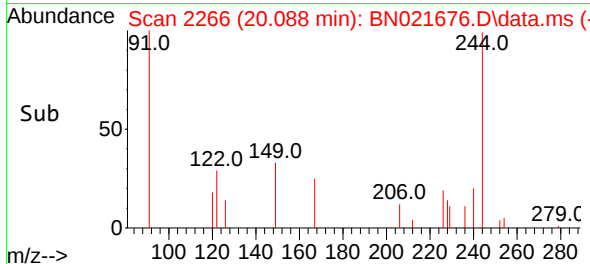
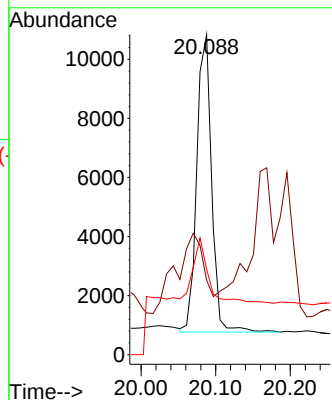
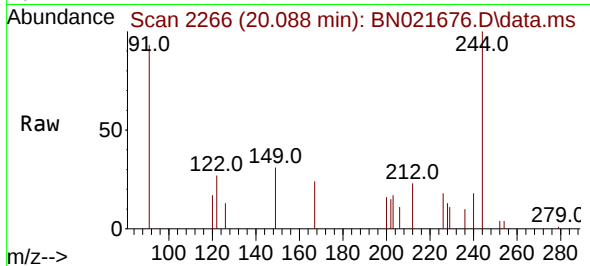




#31
 Terphenyl-d14
 Concen: 0.401 ng
 RT: 20.088 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN021676.D
 Acq: 10 Sep 2022 00:33

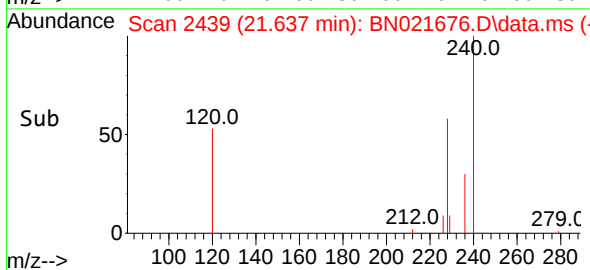
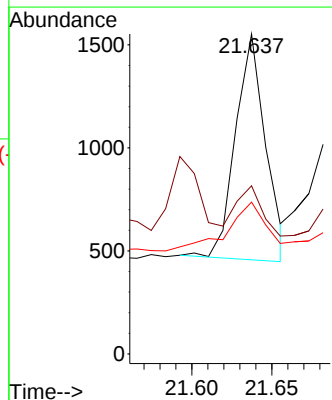
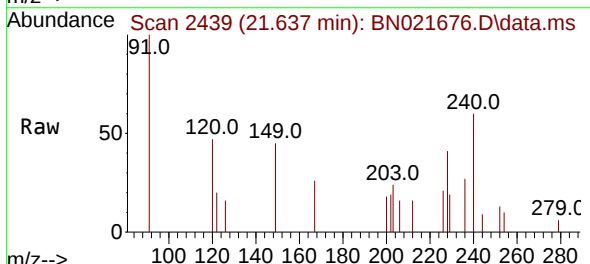
Instrument :
 BNA_N
 ClientSampleId :
 MW6

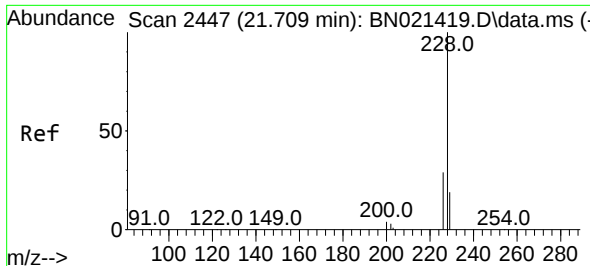
Tgt Ion:244 Resp: 13939
 Ion Ratio Lower Upper
 244 100
 212 23.3 6.5 9.7#
 122 26.8 9.1 13.7#



#32
 Benzo(a)anthracene
 Concen: 0.026 ng
 RT: 21.637 min Scan# 2439
 Delta R.T. 0.000 min
 Lab File: BN021676.D
 Acq: 10 Sep 2022 00:33

Tgt Ion:228 Resp: 1423
 Ion Ratio Lower Upper
 228 100
 226 52.5 22.0 33.0#
 229 47.5 15.9 23.9#





#33

Chrysene

Concen: 0.023 ng

RT: 21.691 min Scan# 2445

Delta R.T. 0.000 min

Lab File: BN021676.D

Acq: 10 Sep 2022 00:33

Instrument :

BNA_N

ClientSampleId :

MW6

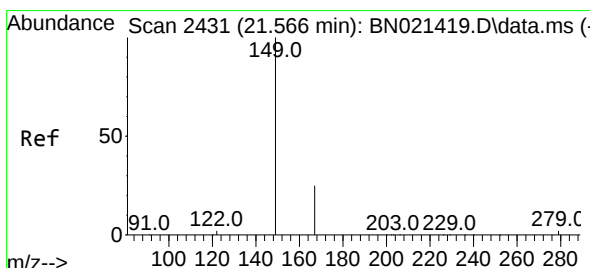
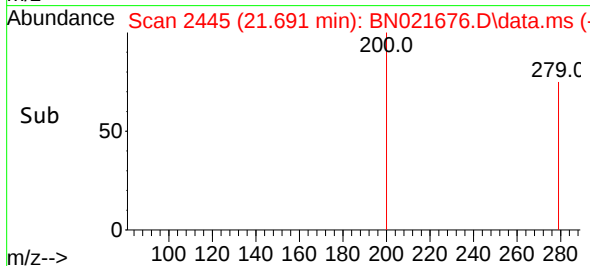
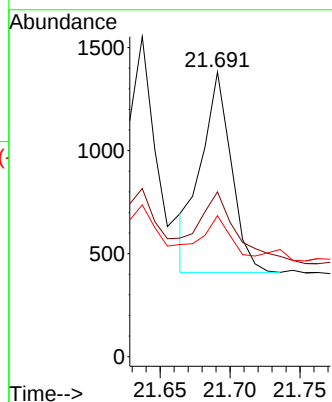
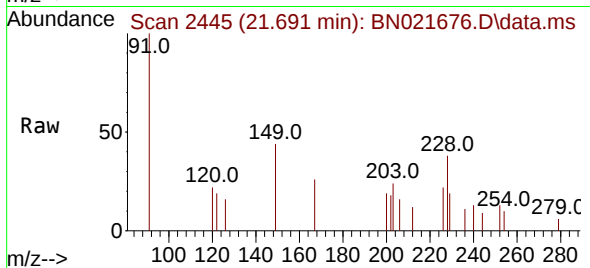
Tgt Ion:228 Resp: 1464

Ion Ratio Lower Upper

228 100

226 57.9 24.2 36.2#

229 49.5 15.9 23.9#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.235 ng

RT: 21.548 min Scan# 2429

Delta R.T. 0.000 min

Lab File: BN021676.D

Acq: 10 Sep 2022 00:33

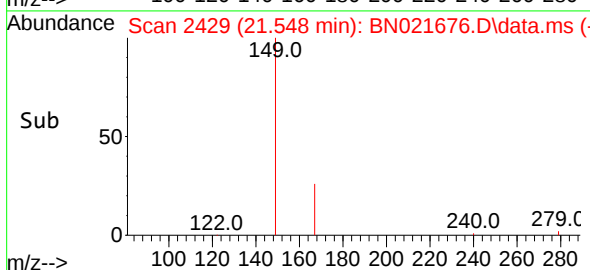
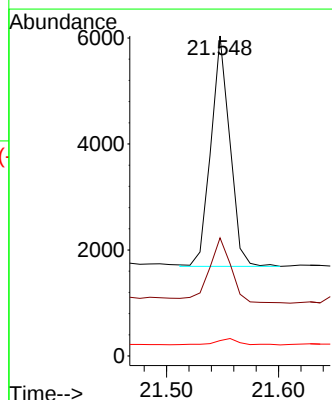
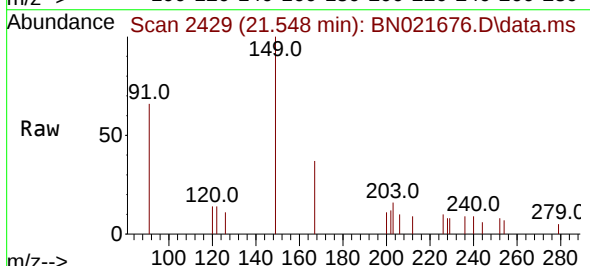
Tgt Ion:149 Resp: 5102

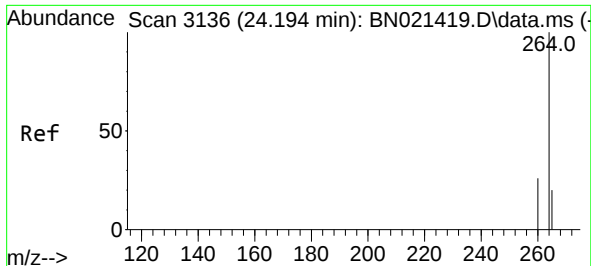
Ion Ratio Lower Upper

149 100

167 33.5 21.4 32.0#

279 3.4 2.2 3.2#

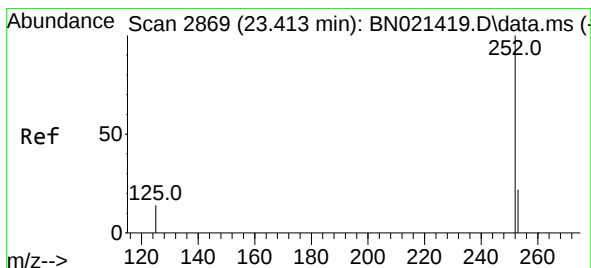
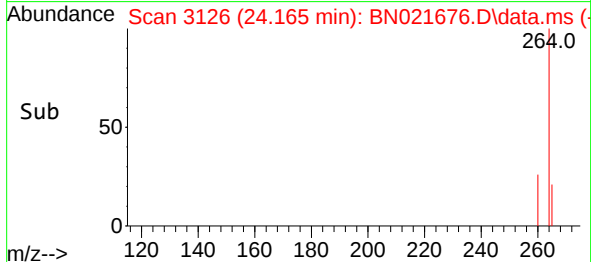
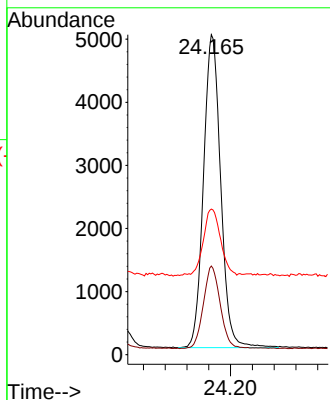
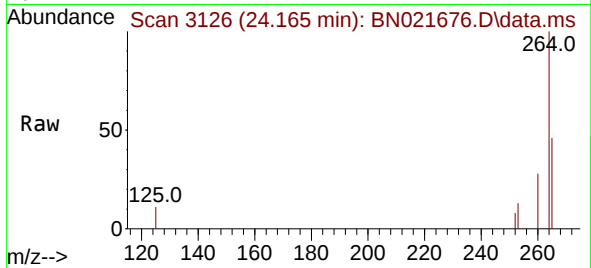




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.165 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BN021676.D
 Acq: 10 Sep 2022 00:33

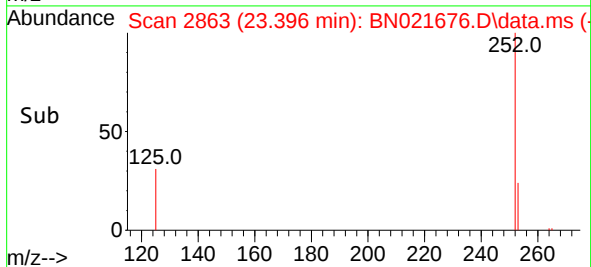
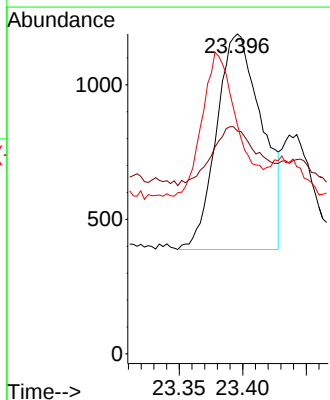
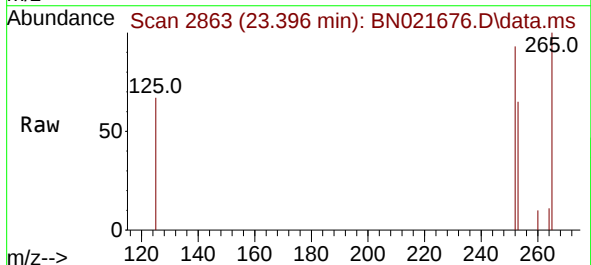
Instrument :
 BNA_N
 ClientSampleId :
 MW6

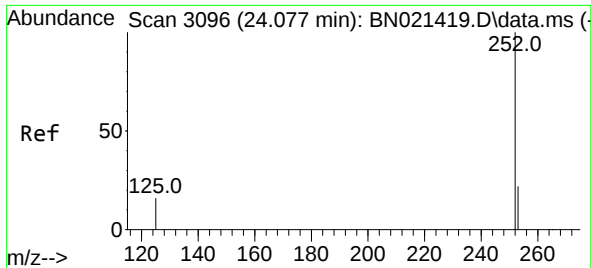
Tgt Ion:264 Resp: 10822
 Ion Ratio Lower Upper
 264 100
 260 27.7 21.0 31.6
 265 45.5 32.2 48.2



#37
 Benzo(b)fluoranthene
 Concen: 0.037 ng
 RT: 23.396 min Scan# 2863
 Delta R.T. 0.000 min
 Lab File: BN021676.D
 Acq: 10 Sep 2022 00:33

Tgt Ion:252 Resp: 1998
 Ion Ratio Lower Upper
 252 100
 253 69.6 19.8 29.6#
 125 71.6 13.7 20.5#





#39

Benzo(a)pyrene

Concen: 0.031 ng

RT: 24.051 min Scan# 30

Delta R.T. -0.009 min

Lab File: BN021676.D

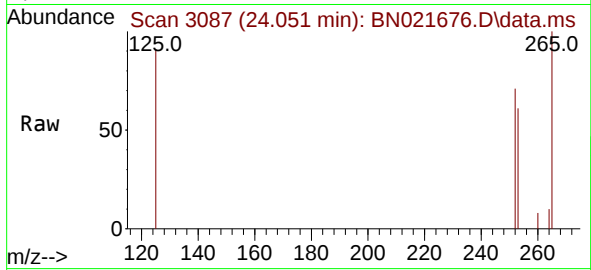
Acq: 10 Sep 2022 00:33

Instrument :

BNA_N

ClientSampleId :

MW6



Tgt Ion:252 Resp: 1165

Ion Ratio Lower Upper

252 100

253 85.5 21.1 31.7#

125 128.5 16.6 25.0#

