

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
 Data File : BN023021.D
 Acq On : 01 Dec 2022 16:42
 Operator : CG/JU
 Sample : N5756-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01S-20221120

Quant Time: Dec 02 01:45:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 01:41:37 2022
 Response via : Initial Calibration

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

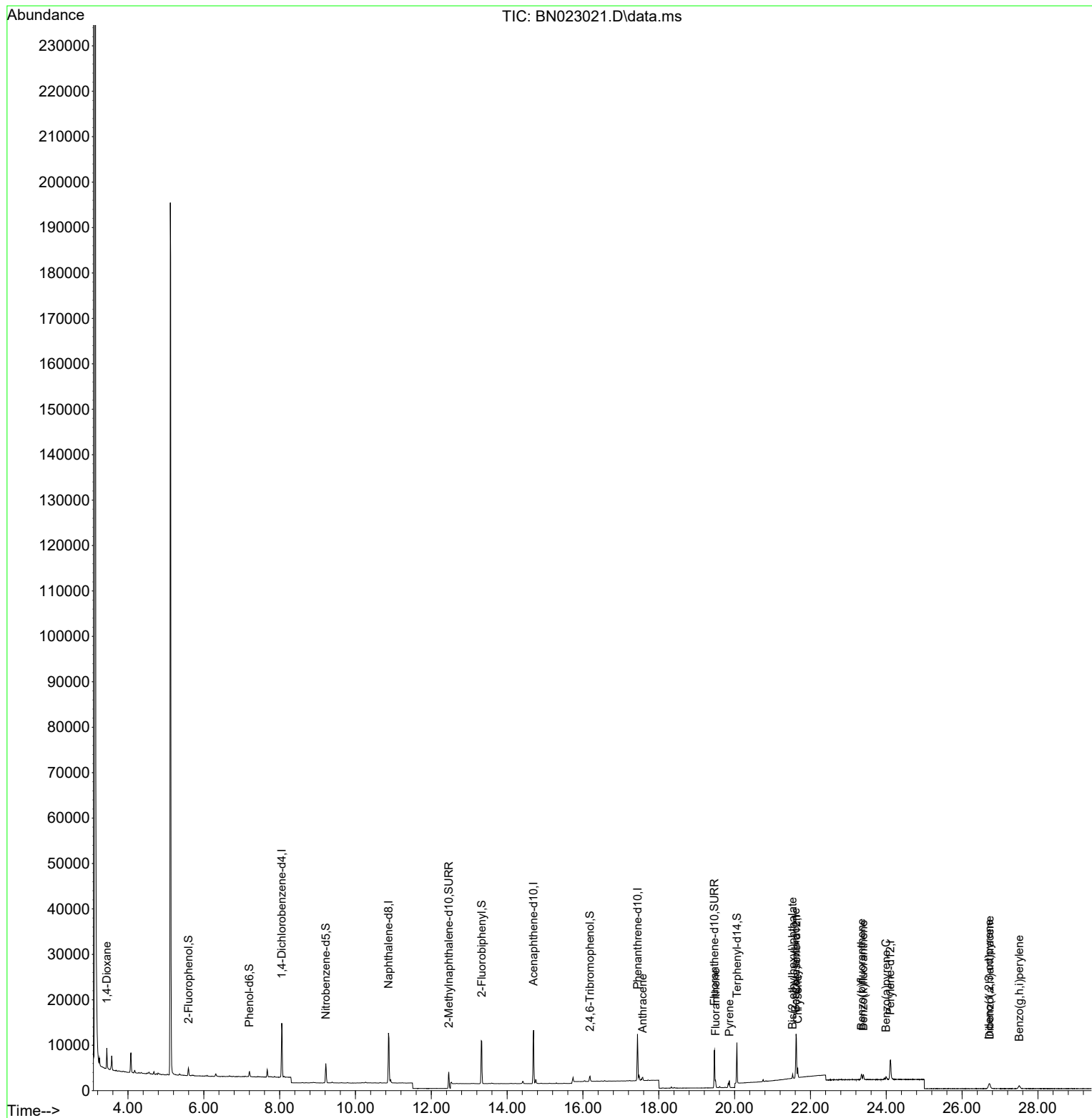
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.056	152	5622	0.400	ng	0.00
7) Naphthalene-d8	10.872	136	14666	0.400	ng	#-0.01
13) Acenaphthene-d10	14.698	164	6580	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	12809	0.400	ng	0.00
29) Chrysene-d12	21.629	240	8693	0.400	ng	0.00
35) Perylene-d12	24.110	264	6648	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1277	0.087	ng	0.00
5) Phenol-d6	7.204	99	940	0.051	ng	0.00
8) Nitrobenzene-d5	9.217	82	3305	0.290	ng	-0.01
11) 2-Methylnaphthalene-d10	12.461	152	4507	0.142	ng	0.00
14) 2,4,6-Tribromophenol	16.185	330	718	0.226	ng	0.00
15) 2-Fluorobiphenyl	13.330	172	8789	0.292	ng	0.00
27) Fluoranthene-d10	19.469	212	8717	0.251	ng	0.00
31) Terphenyl-d14	20.062	244	7351	0.360	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.441	88	2540	0.356	ng	# 96
26) Anthracene	17.576	178	863	0.022	ng	# 95
28) Fluoranthene	19.498	202	1294	0.027	ng	# 91
30) Pyrene	19.861	202	1317	0.029	ng	98
32) Benzo(a)anthracene	21.611	228	1461	0.042	ng	93
33) Chrysene	21.665	228	1765	0.048	ng	96
34) Bis(2-ethylhexyl)phtha...	21.531	149	926	0.066	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.709	276	1498	0.054	ng	# 81
37) Benzo(b)fluoranthene	23.347	252	1671	0.056	ng	# 45
38) Benzo(k)fluoranthene	23.397	252	1445	0.045	ng	# 41
39) Benzo(a)pyrene	23.993	252	942	0.042	ng	# 5
40) Dibenzo(a,h)anthracene	26.727	278	1207	0.055	ng	# 59
41) Benzo(g,h,i)perylene	27.507	276	1422	0.060	ng	# 73

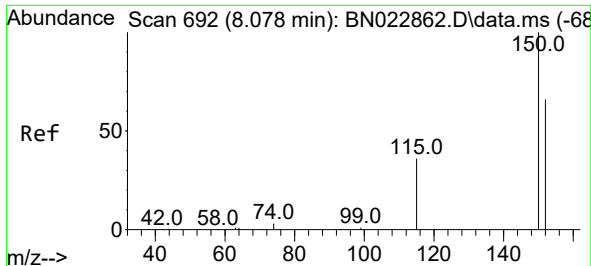
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
Data File : BN023021.D
Acq On : 01 Dec 2022 16:42
Operator : CG/JU
Sample : N5756-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW9-MW01S-20221120

Quant Time: Dec 02 01:45:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 01:41:37 2022
Response via : Initial Calibration

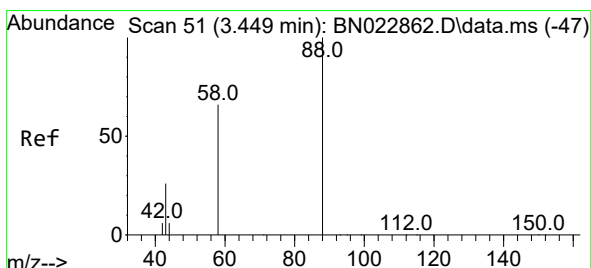
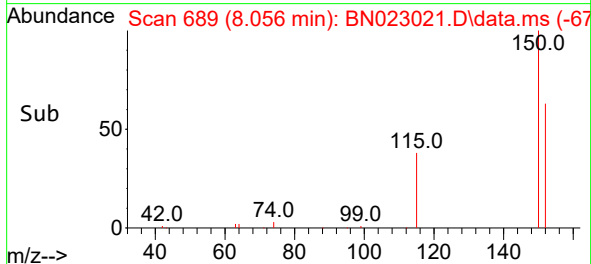
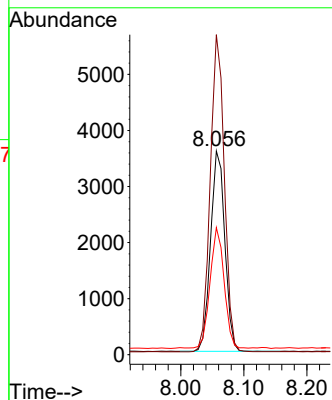
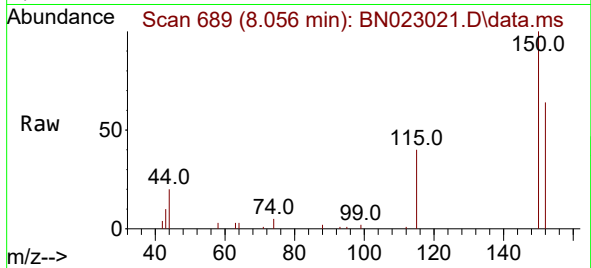




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.056 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN023021.D
 Acq: 01 Dec 2022 16:42

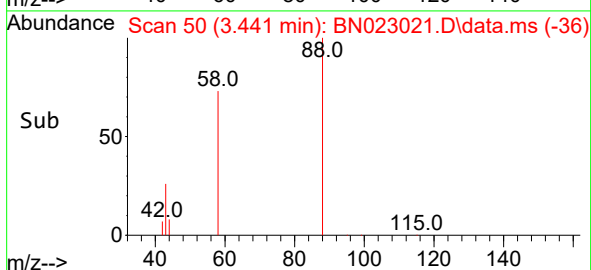
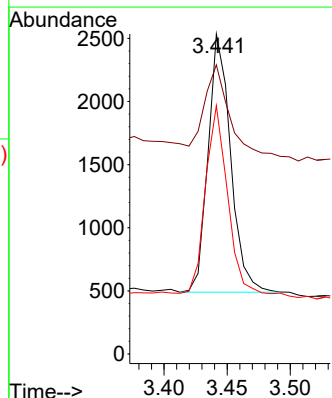
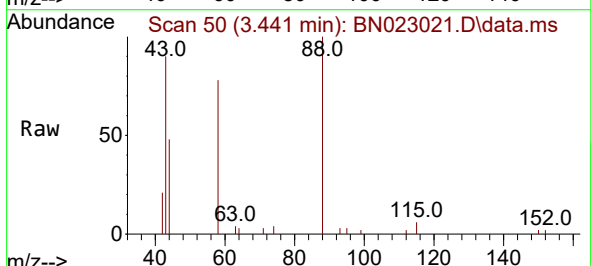
Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01S-20221120

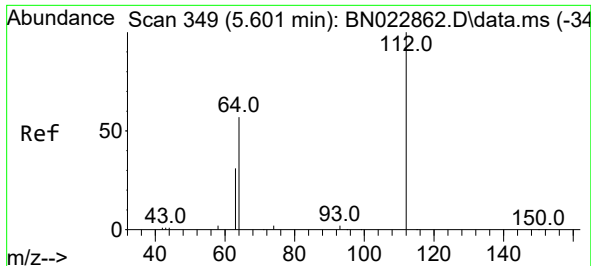
Tgt Ion:152 Resp: 5622
 Ion Ratio Lower Upper
 152 100
 150 157.1 121.2 181.8
 115 62.4 46.2 69.4



#2
 1,4-Dioxane
 Concen: 0.356 ng
 RT: 3.441 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: BN023021.D
 Acq: 01 Dec 2022 16:42

Tgt Ion: 88 Resp: 2540
 Ion Ratio Lower Upper
 88 100
 43 38.7 25.4 38.2#
 58 70.6 56.5 84.7

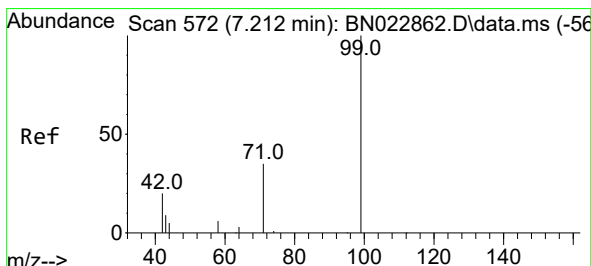
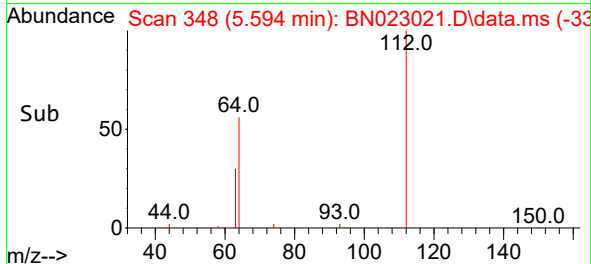
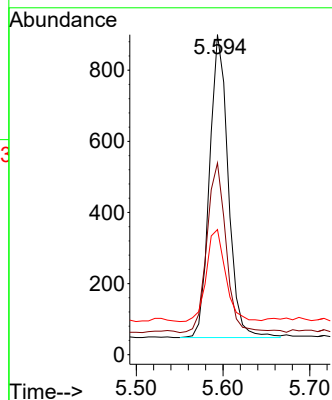
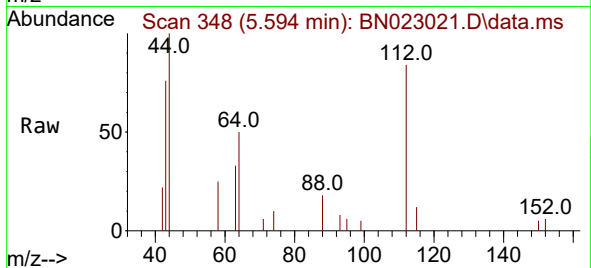




#4
2-Fluorophenol
Concen: 0.087 ng
RT: 5.594 min Scan# 34
Delta R.T. -0.007 min
Lab File: BN023021.D
Acq: 01 Dec 2022 16:42

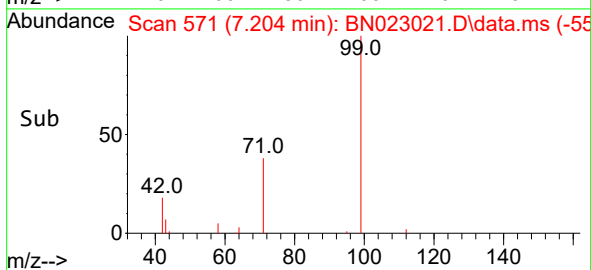
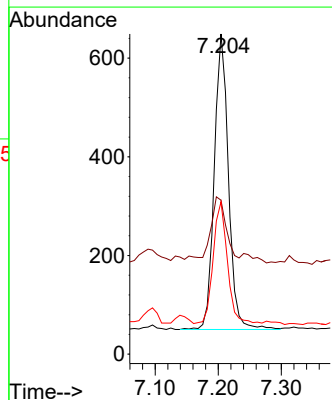
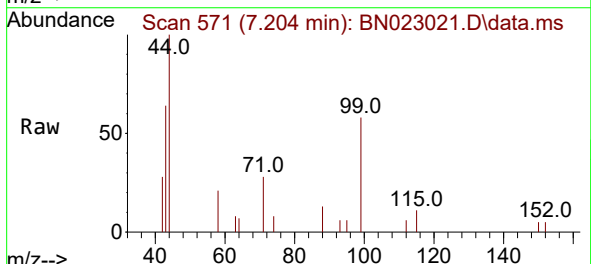
Instrument :
BNA_N
ClientSampleId :
RW9-MW01S-20221120

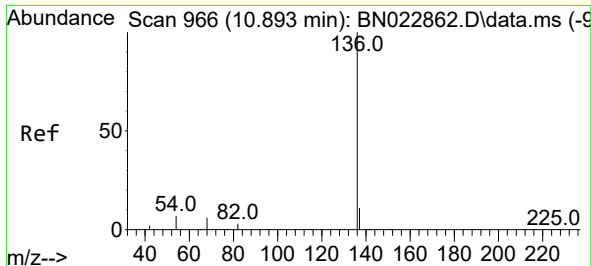
Tgt Ion:112 Resp: 1277
Ion Ratio Lower Upper
112 100
64 57.8 43.4 65.2
63 31.6 23.4 35.2



#5
Phenol-d6
Concen: 0.051 ng
RT: 7.204 min Scan# 571
Delta R.T. -0.000 min
Lab File: BN023021.D
Acq: 01 Dec 2022 16:42

Tgt Ion: 99 Resp: 940
Ion Ratio Lower Upper
99 100
42 22.4 16.0 24.0
71 41.7 26.8 40.2#

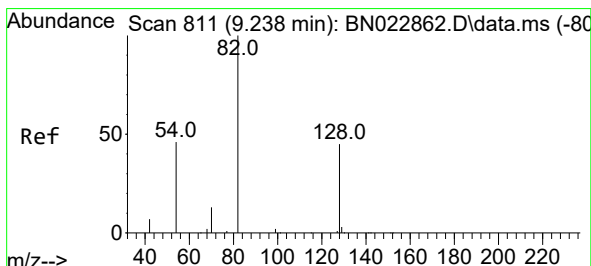
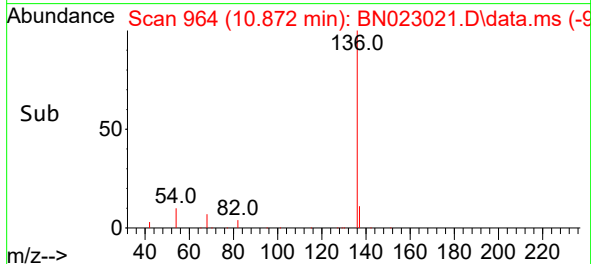
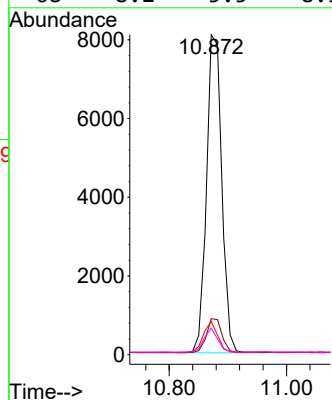
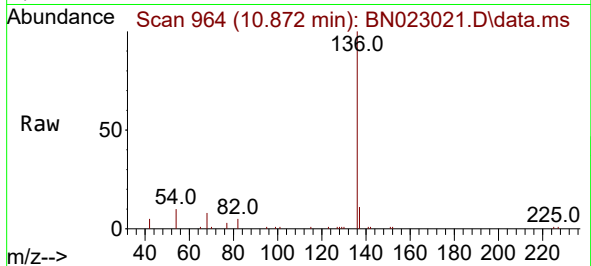




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.872 min Scan# 90
Delta R.T. -0.011 min
Lab File: BN023021.D
Acq: 01 Dec 2022 16:42

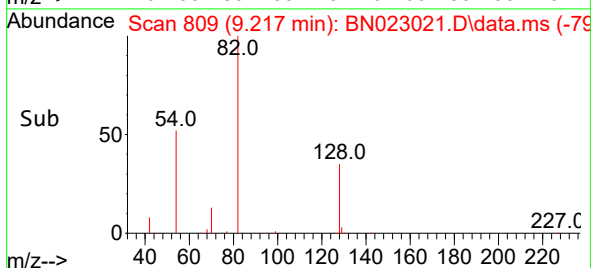
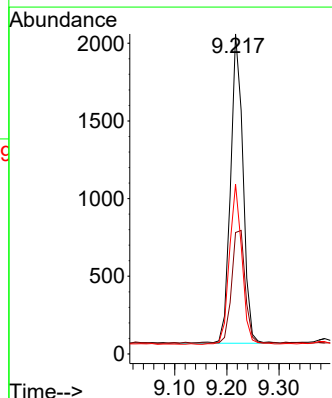
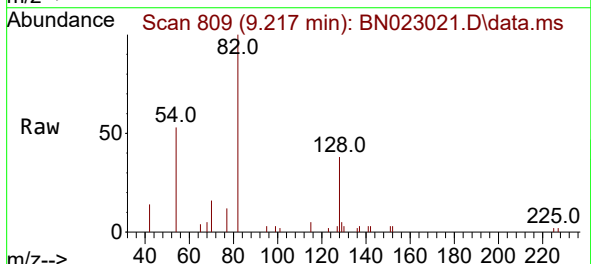
Instrument :
BNA_N
ClientSampleId :
RW9-MW01S-20221120

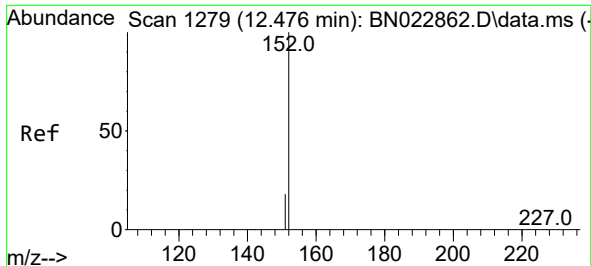
Tgt Ion:	136	Resp:	14666
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.4
54	10.4	6.6	9.8#
68	8.2	5.5	8.3



#8
Nitrobenzene-d5
Concen: 0.290 ng
RT: 9.217 min Scan# 809
Delta R.T. -0.011 min
Lab File: BN023021.D
Acq: 01 Dec 2022 16:42

Tgt Ion:	82	Resp:	3305
Ion Ratio	Lower	Upper	
82	100		
128	38.0	36.6	54.8
54	53.1	38.5	57.7





#11

2-Methylnaphthalene-d10

Concen: 0.142 ng

RT: 12.461 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN023021.D

Acq: 01 Dec 2022 16:42

Instrument :

BNA_N

ClientSampleId :

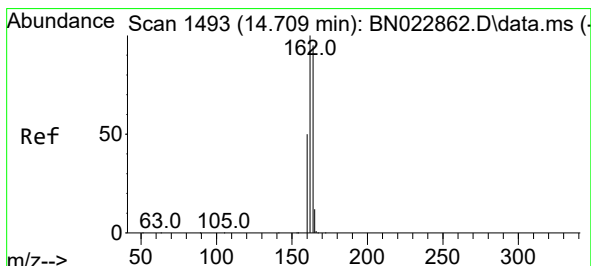
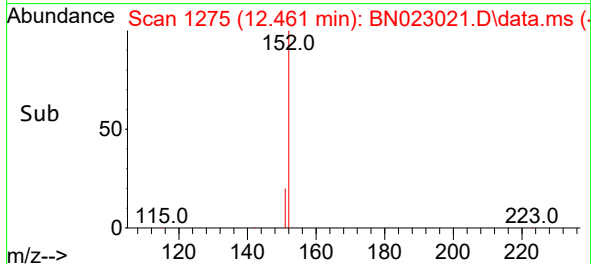
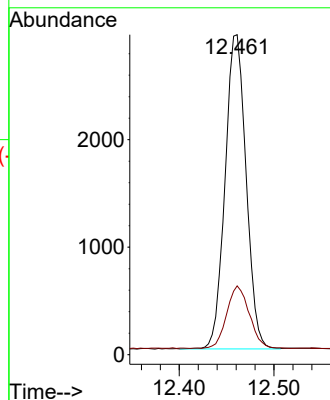
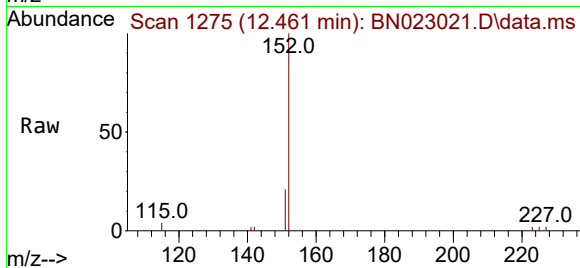
RW9-MW01S-20221120

Tgt Ion:152 Resp: 4507

Ion Ratio Lower Upper

152 100

151 26.9 18.6 27.8



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.698 min Scan# 1492

Delta R.T. -0.000 min

Lab File: BN023021.D

Acq: 01 Dec 2022 16:42

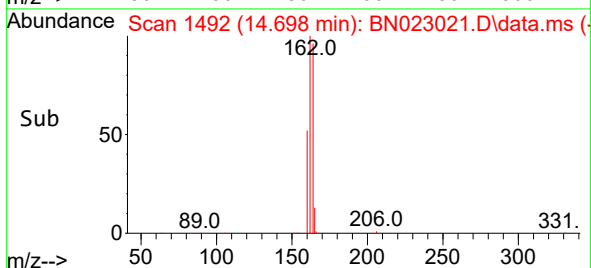
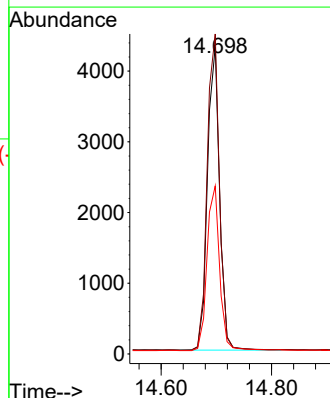
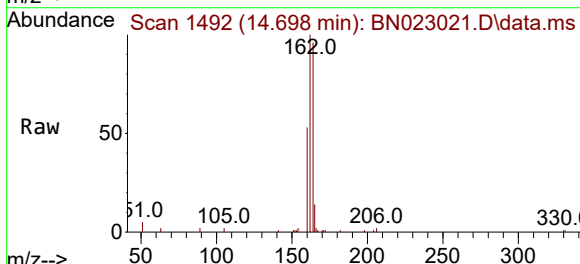
Tgt Ion:164 Resp: 6580

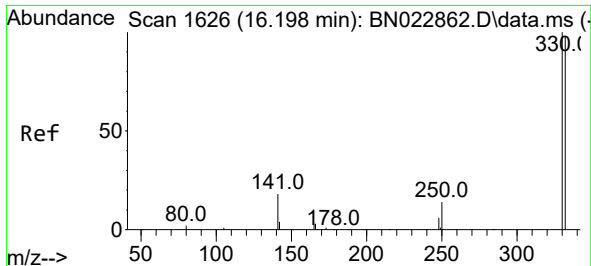
Ion Ratio Lower Upper

164 100

162 104.2 84.2 126.4

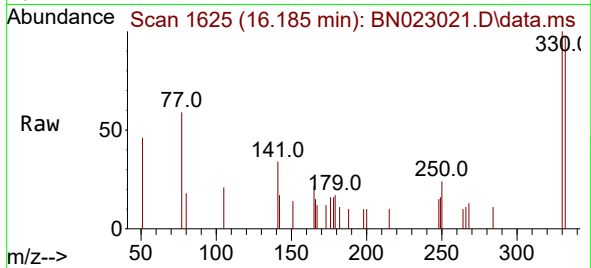
160 54.7 42.5 63.7



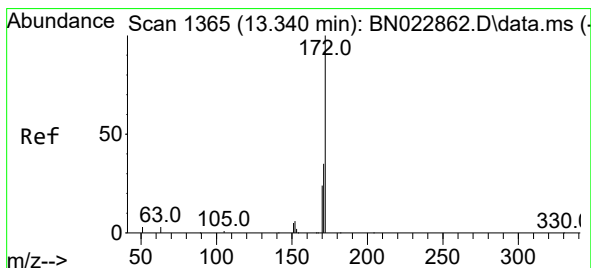
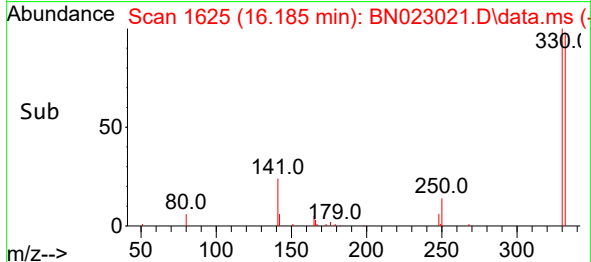
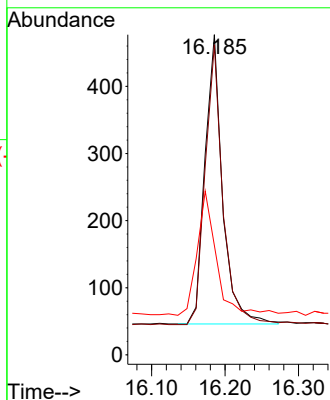


#14
2,4,6-Tribromophenol
Concen: 0.226 ng
RT: 16.185 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BN023021.D
Acq: 01 Dec 2022 16:42

Instrument :
BNA_N
ClientSampleId :
RW9-MW01S-20221120

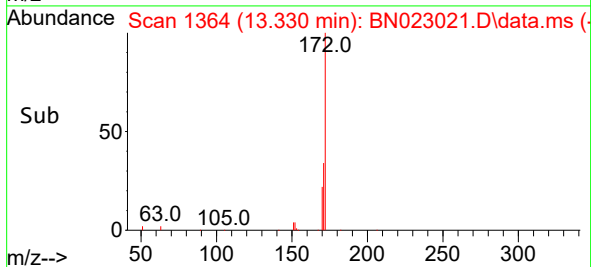
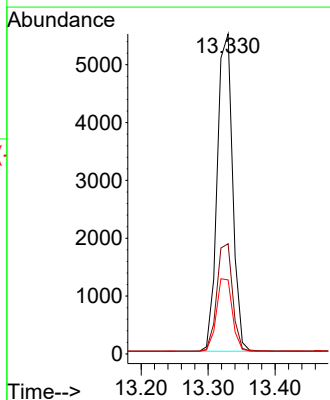
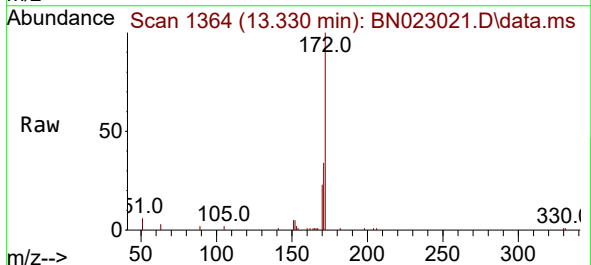


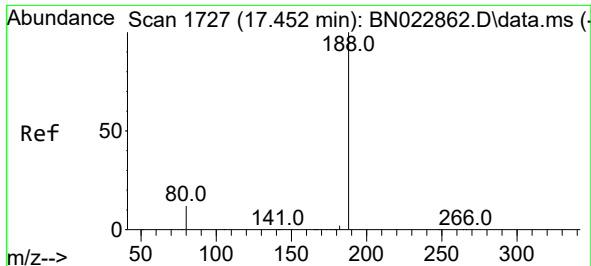
Tgt Ion:330 Resp: 718
Ion Ratio Lower Upper
330 100
332 97.1 76.5 114.7
141 45.7 32.6 48.8



#15
2-Fluorobiphenyl
Concen: 0.292 ng
RT: 13.330 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BN023021.D
Acq: 01 Dec 2022 16:42

Tgt Ion:172 Resp: 8789
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.4
170 23.1 19.3 28.9

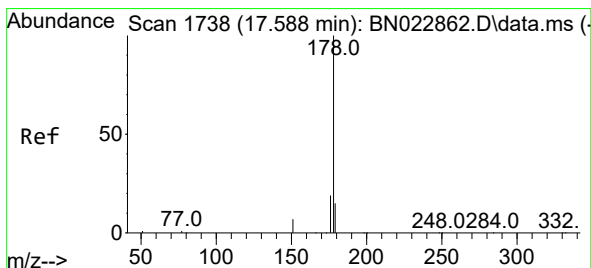
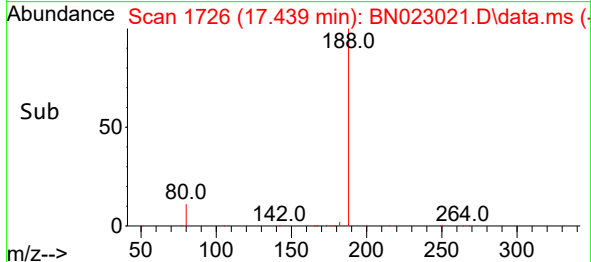
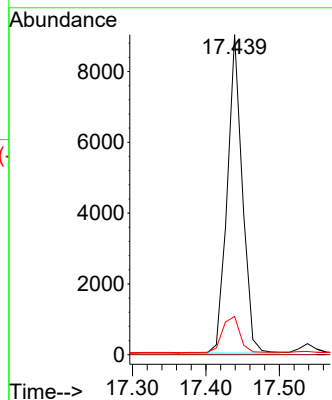
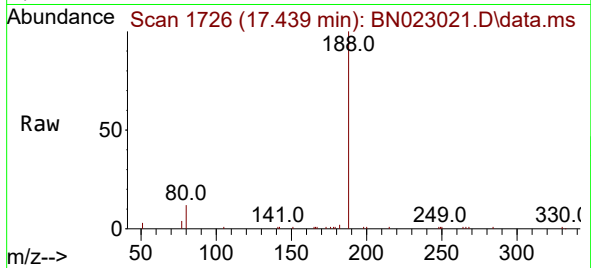




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN023021.D
Acq: 01 Dec 2022 16:42

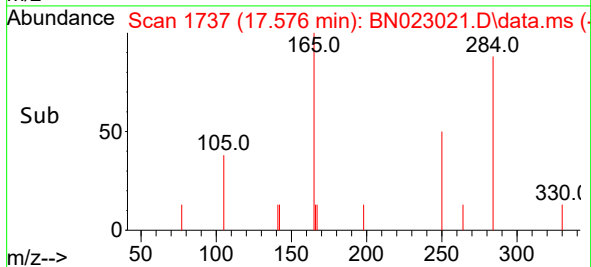
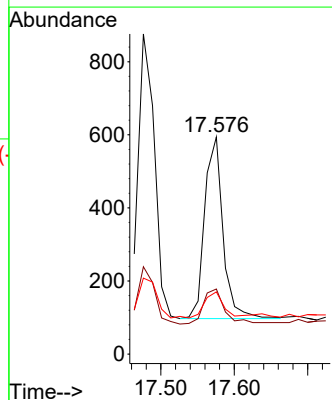
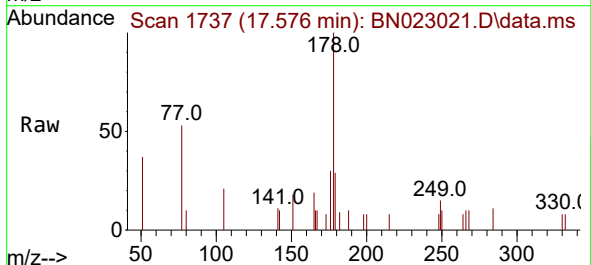
Instrument :
BNA_N
ClientSampleId :
RW9-MW01S-20221120

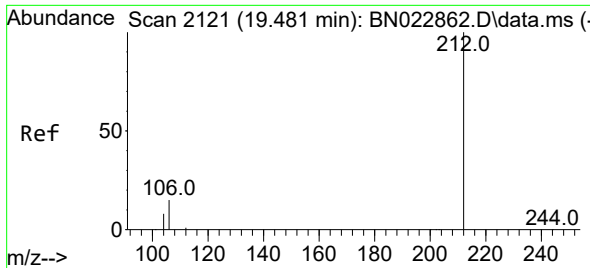
Tgt Ion:188 Resp: 12809
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 10.3 15.5



#26
Anthracene
Concen: 0.022 ng
RT: 17.576 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BN023021.D
Acq: 01 Dec 2022 16:42

Tgt Ion:178 Resp: 863
Ion Ratio Lower Upper
178 100
176 22.8 15.2 22.8#
179 14.9 12.2 18.2

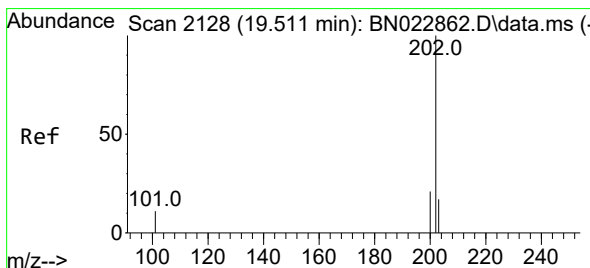
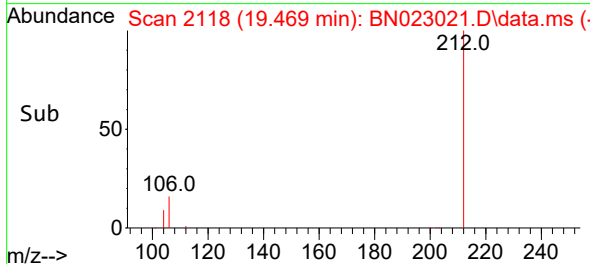
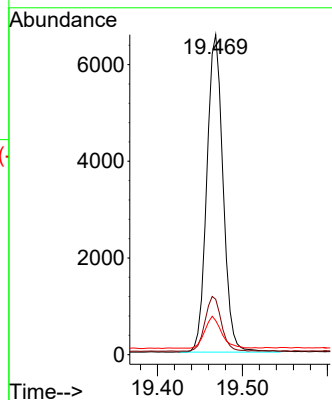
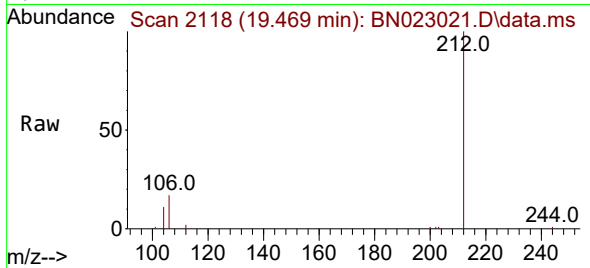




#27
Fluoranthene-d10
Concen: 0.251 ng
RT: 19.469 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BN023021.D
Acq: 01 Dec 2022 16:42

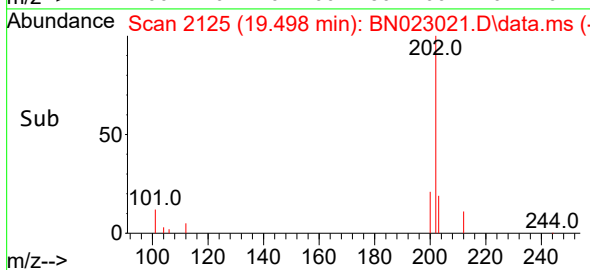
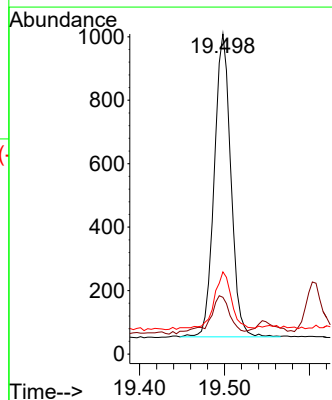
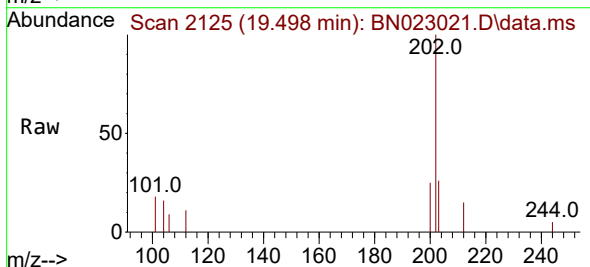
Instrument :
BNA_N
ClientSampleId :
RW9-MW01S-20221120

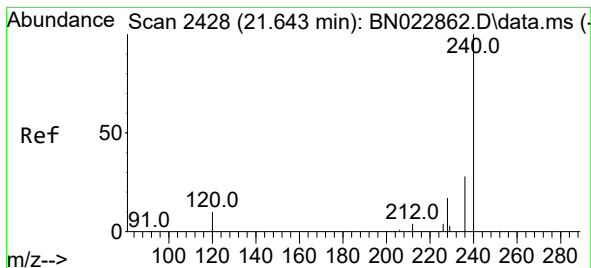
Tgt Ion:212 Resp: 8717
Ion Ratio Lower Upper
212 100
106 17.2 12.3 18.5
104 10.2 7.0 10.4



#28
Fluoranthene
Concen: 0.027 ng
RT: 19.498 min Scan# 2125
Delta R.T. -0.004 min
Lab File: BN023021.D
Acq: 01 Dec 2022 16:42

Tgt Ion:202 Resp: 1294
Ion Ratio Lower Upper
202 100
101 15.7 9.3 13.9#
203 20.4 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.629 min Scan# 2427

Delta R.T. -0.000 min

Lab File: BN023021.D

Acq: 01 Dec 2022 16:42

Instrument :

BNA_N

ClientSampleId :

RW9-MW01S-20221120

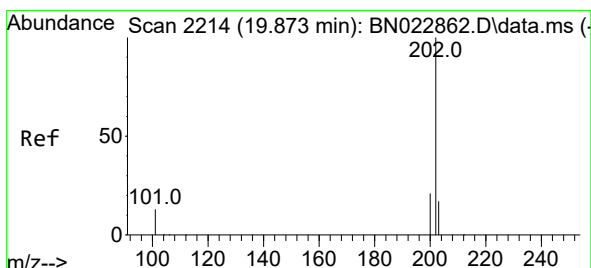
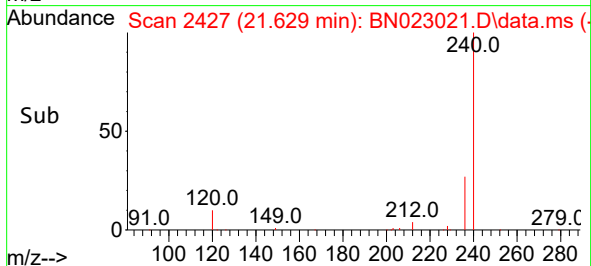
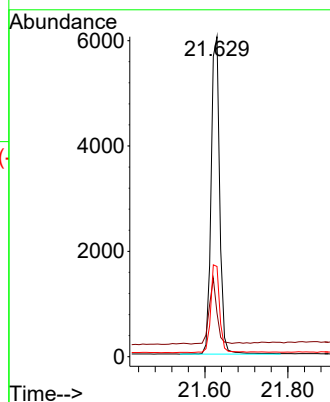
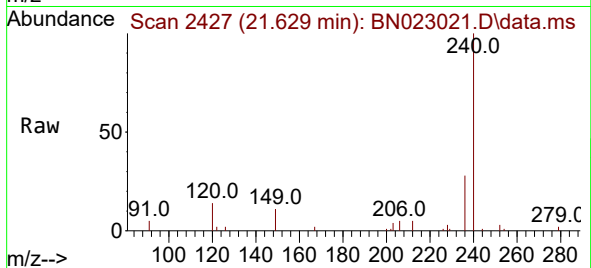
Tgt Ion:240 Resp: 8693

Ion Ratio Lower Upper

240 100

120 13.7 9.2 13.8

236 28.2 22.6 34.0



#30

Pyrene

Concen: 0.029 ng

RT: 19.861 min Scan# 2211

Delta R.T. -0.004 min

Lab File: BN023021.D

Acq: 01 Dec 2022 16:42

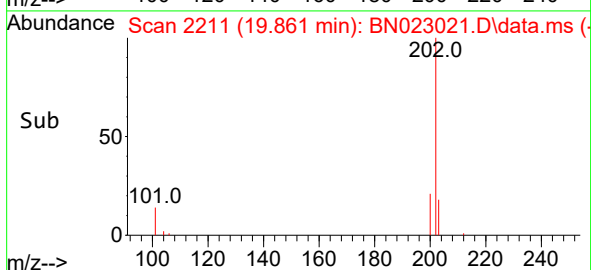
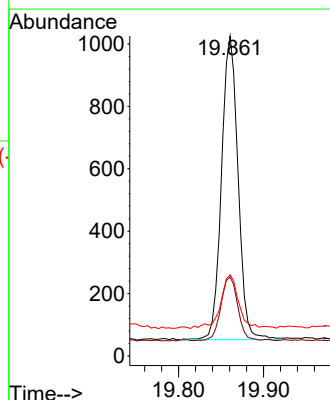
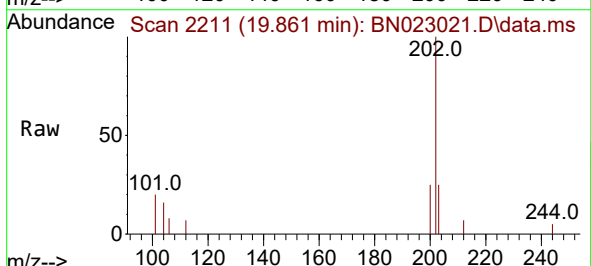
Tgt Ion:202 Resp: 1317

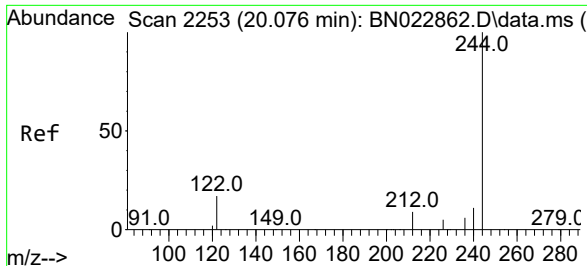
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

203 19.3 14.2 21.2

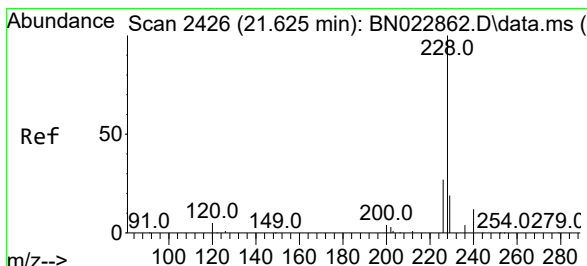
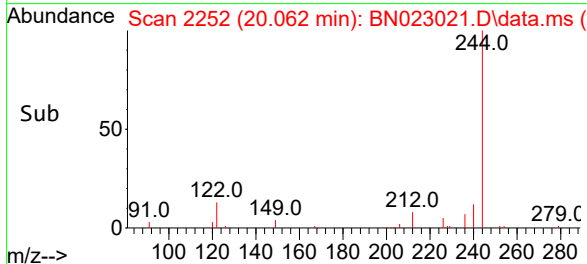
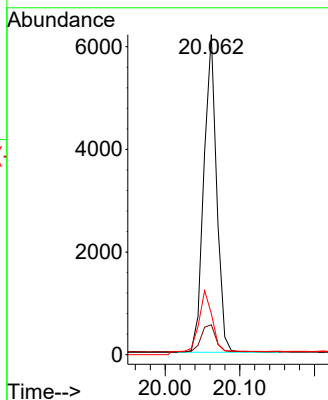
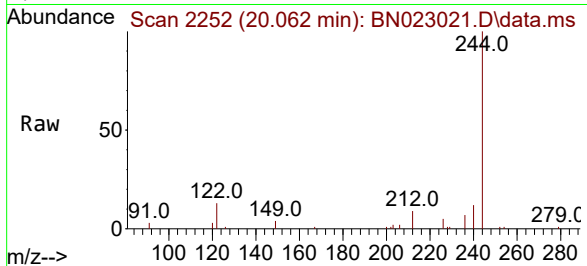




#31
 Terphenyl-d14
 Concen: 0.360 ng
 RT: 20.062 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN023021.D
 Acq: 01 Dec 2022 16:42

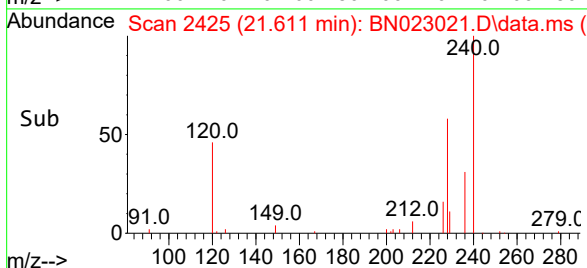
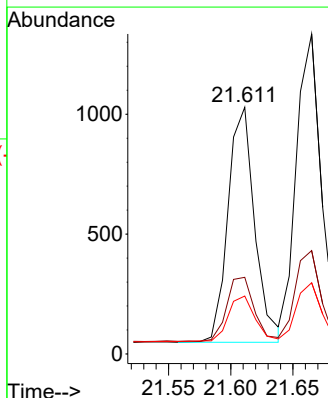
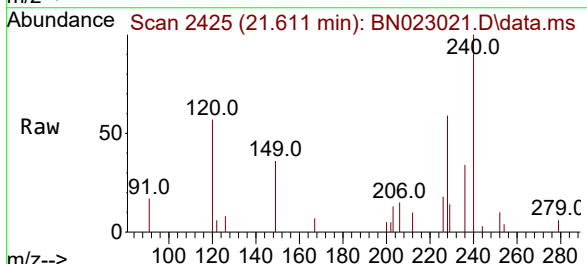
Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01S-20221120

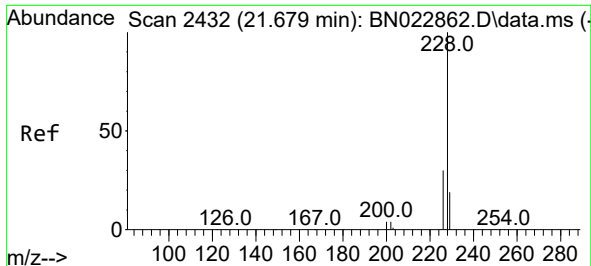
Tgt Ion:244 Resp: 7351
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.9 11.9
 122 12.8 13.9 20.9#



#32
 Benzo(a)anthracene
 Concen: 0.042 ng
 RT: 21.611 min Scan# 2425
 Delta R.T. -0.000 min
 Lab File: BN023021.D
 Acq: 01 Dec 2022 16:42

Tgt Ion:228 Resp: 1461
 Ion Ratio Lower Upper
 228 100
 226 31.1 22.1 33.1
 229 23.5 15.8 23.6





#33

Chrysene

Concen: 0.048 ng

RT: 21.665 min Scan# 2432

Delta R.T. -0.000 min

Lab File: BN023021.D

Acq: 01 Dec 2022 16:42

Instrument :

BNA_N

ClientSampleId :

RW9-MW01S-20221120

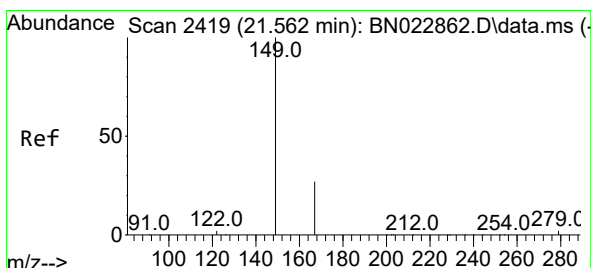
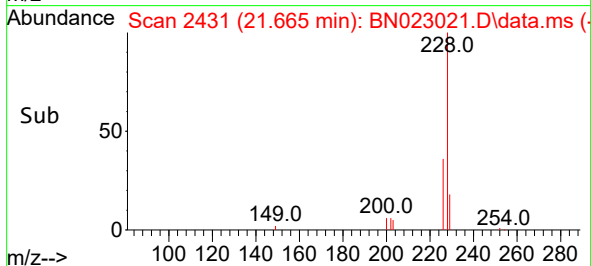
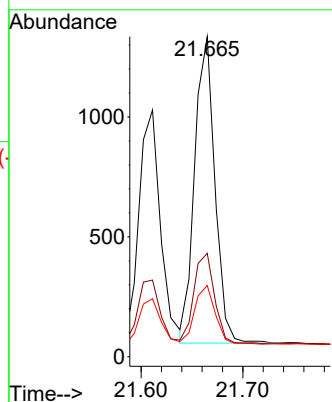
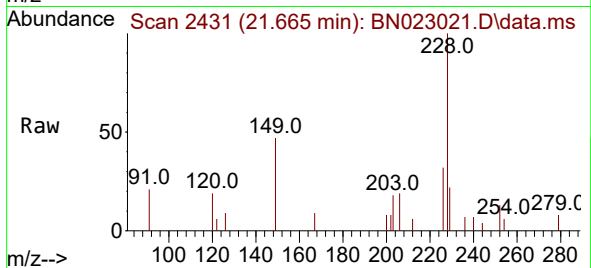
Tgt Ion:228 Resp: 1765

Ion Ratio Lower Upper

228 100

226 32.3 24.5 36.7

229 22.2 15.8 23.6



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.066 ng

RT: 21.531 min Scan# 2416

Delta R.T. -0.009 min

Lab File: BN023021.D

Acq: 01 Dec 2022 16:42

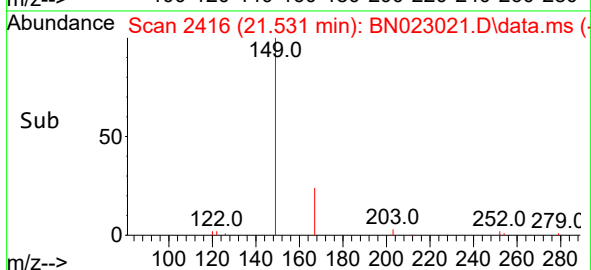
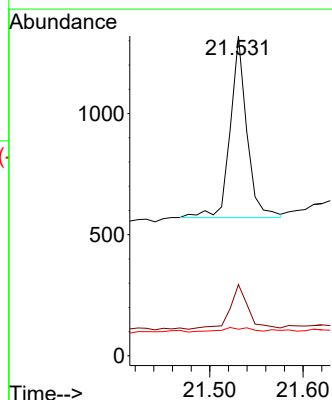
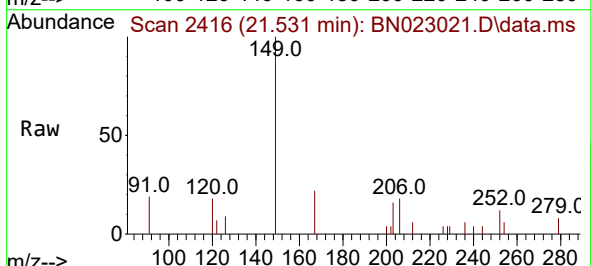
Tgt Ion:149 Resp: 926

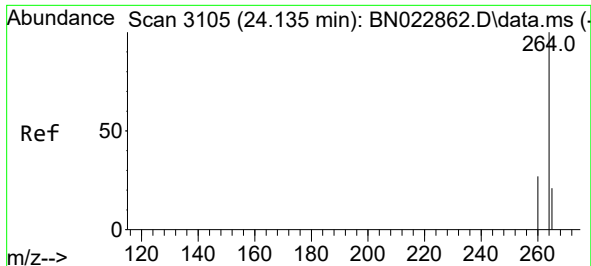
Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

279 4.8 2.3 3.5





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.110 min Scan# 3096

Delta R.T. -0.003 min

Lab File: BN023021.D

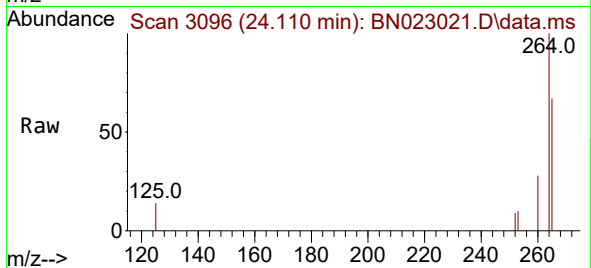
Acq: 01 Dec 2022 16:42

Instrument :

BNA_N

ClientSampleId :

RW9-MW01S-20221120



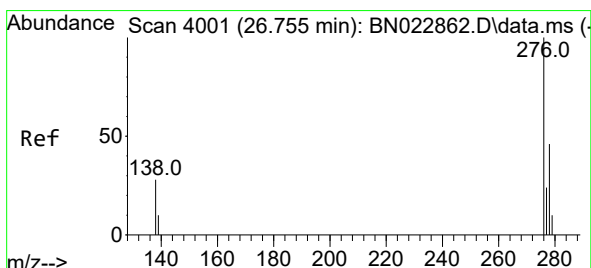
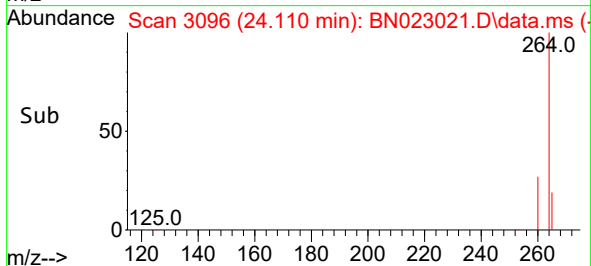
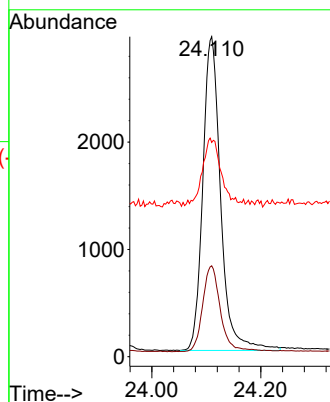
Tgt Ion:264 Resp: 6648

Ion Ratio Lower Upper

264 100

260 28.4 21.7 32.5

265 66.9 31.0 46.4#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.054 ng

RT: 26.709 min Scan# 3985

Delta R.T. -0.009 min

Lab File: BN023021.D

Acq: 01 Dec 2022 16:42

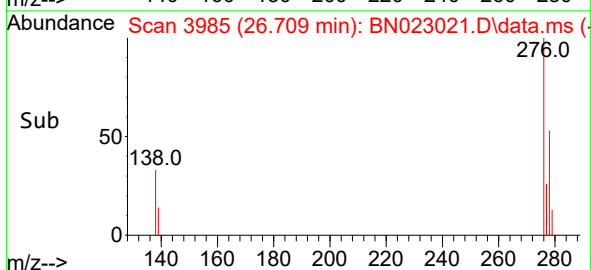
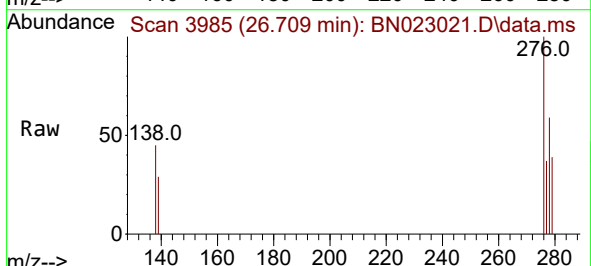
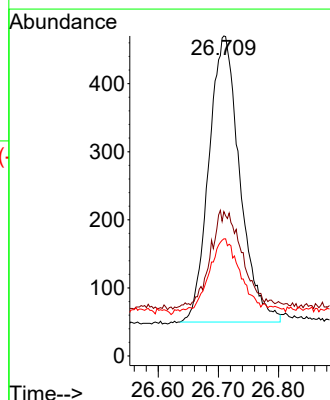
Tgt Ion:276 Resp: 1498

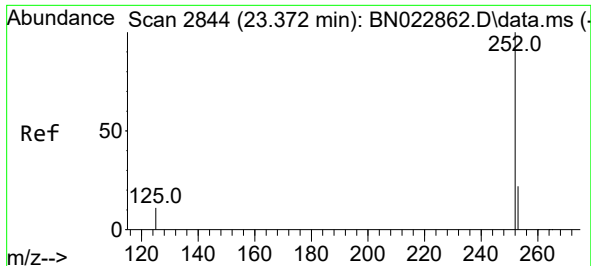
Ion Ratio Lower Upper

276 100

138 12.8 24.4 36.6#

277 25.7 19.9 29.9





#37

Benzo(b)fluoranthene

Concen: 0.056 ng

RT: 23.347 min Scan# 2835

Delta R.T. -0.003 min

Lab File: BN023021.D

Acq: 01 Dec 2022 16:42

Instrument :

BNA_N

ClientSampleId :

RW9-MW01S-20221120

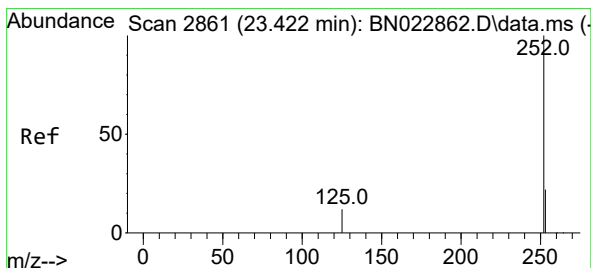
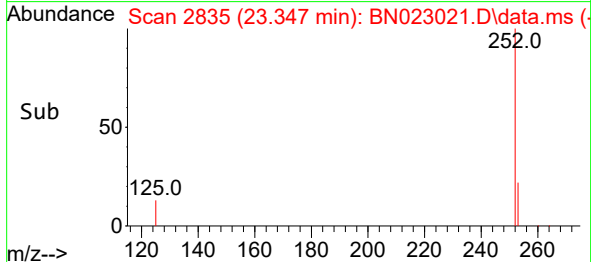
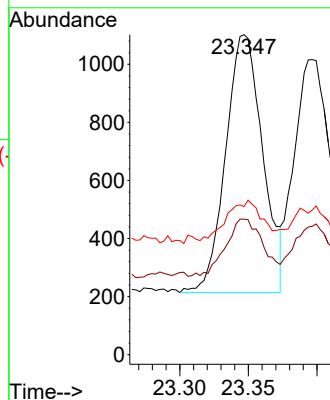
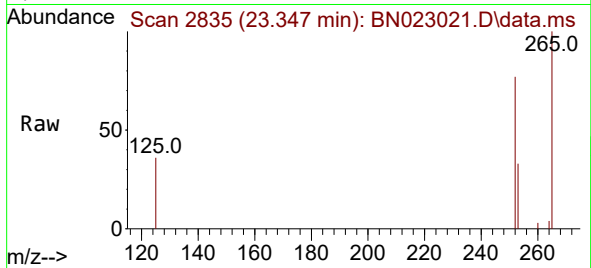
Tgt Ion:252 Resp: 1671

Ion Ratio Lower Upper

252 100

253 42.4 18.5 27.7#

125 46.3 10.8 16.2#



#38

Benzo(k)fluoranthene

Concen: 0.045 ng

RT: 23.397 min Scan# 2852

Delta R.T. -0.003 min

Lab File: BN023021.D

Acq: 01 Dec 2022 16:42

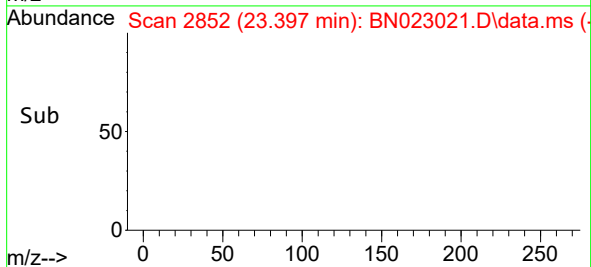
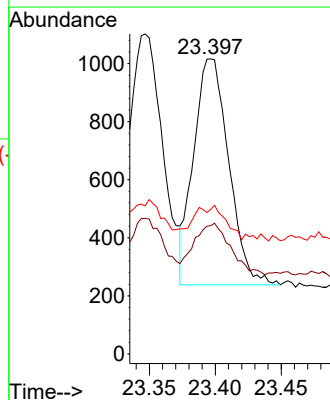
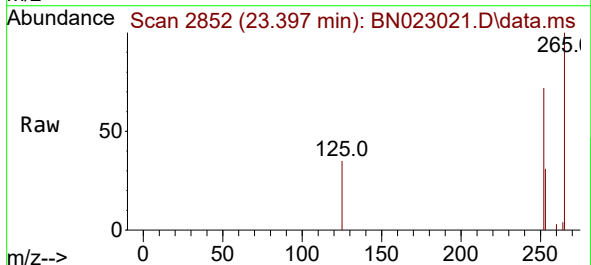
Tgt Ion:252 Resp: 1445

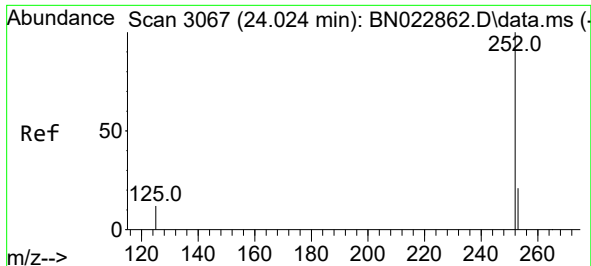
Ion Ratio Lower Upper

252 100

253 43.5 18.6 27.8#

125 49.0 11.0 16.4#

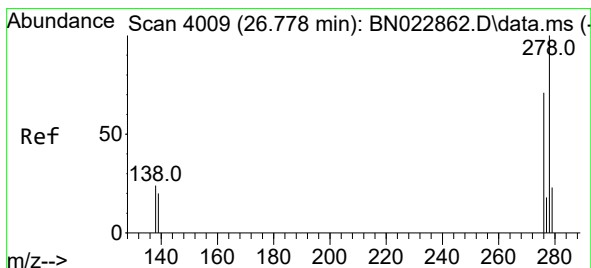
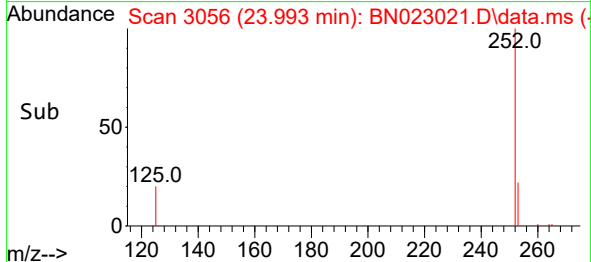
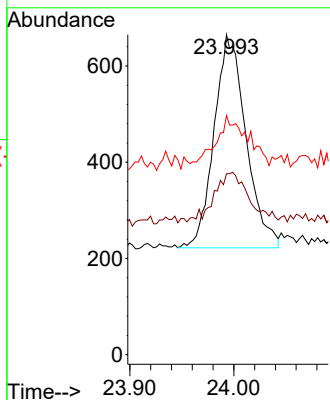
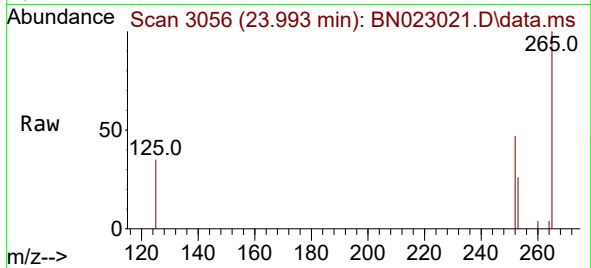




#39
Benzo(a)pyrene
Concen: 0.042 ng
RT: 23.993 min Scan# 3067
Delta R.T. -0.009 min
Lab File: BN023021.D
Acq: 01 Dec 2022 16:42

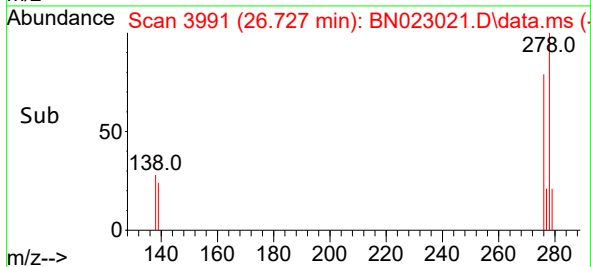
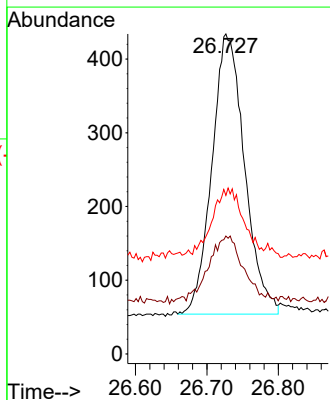
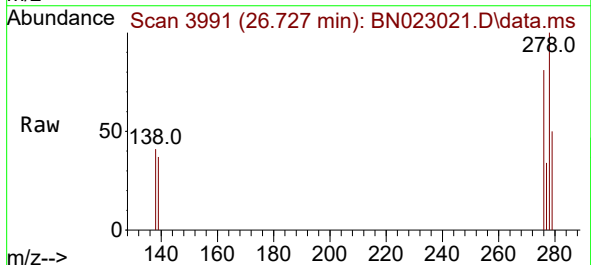
Instrument :
BNA_N
ClientSampleId :
RW9-MW01S-20221120

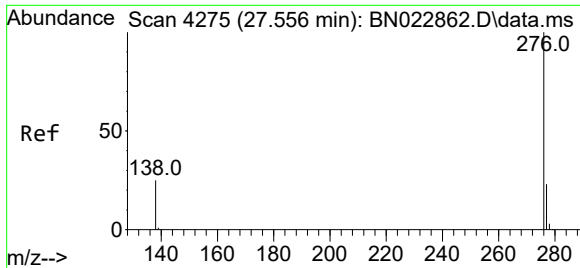
Tgt Ion:252 Resp: 942
Ion Ratio Lower Upper
252 100
253 56.5 19.2 28.8#
125 74.7 12.7 19.1#



#40
Dibenzo(a,h)anthracene
Concen: 0.055 ng
RT: 26.727 min Scan# 3991
Delta R.T. -0.012 min
Lab File: BN023021.D
Acq: 01 Dec 2022 16:42

Tgt Ion:278 Resp: 1207
Ion Ratio Lower Upper
278 100
139 36.9 17.4 26.0#
279 49.5 20.0 30.0#





#41

Benzo(g,h,i)perylene

Concen: 0.060 ng

RT: 27.507 min Scan# 41

Delta R.T. -0.006 min

Lab File: BN023021.D

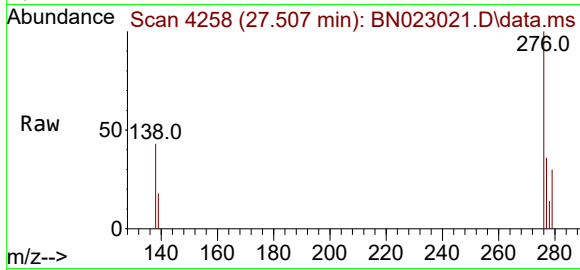
Acq: 01 Dec 2022 16:42

Instrument :

BNA_N

ClientSampleId :

RW9-MW01S-20221120



Tgt Ion:276 Resp: 1422

Ion Ratio Lower Upper

276 100

277 35.9 19.7 29.5#

138 42.5 21.4 32.2#

