

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
 Data File : BN028923.D
 Acq On : 30 Nov 2023 23:23
 Operator : MA/JU
 Sample : 05350-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20231107

Quant Time: Dec 01 00:30:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 00:28:34 2023
 Response via : Initial Calibration

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

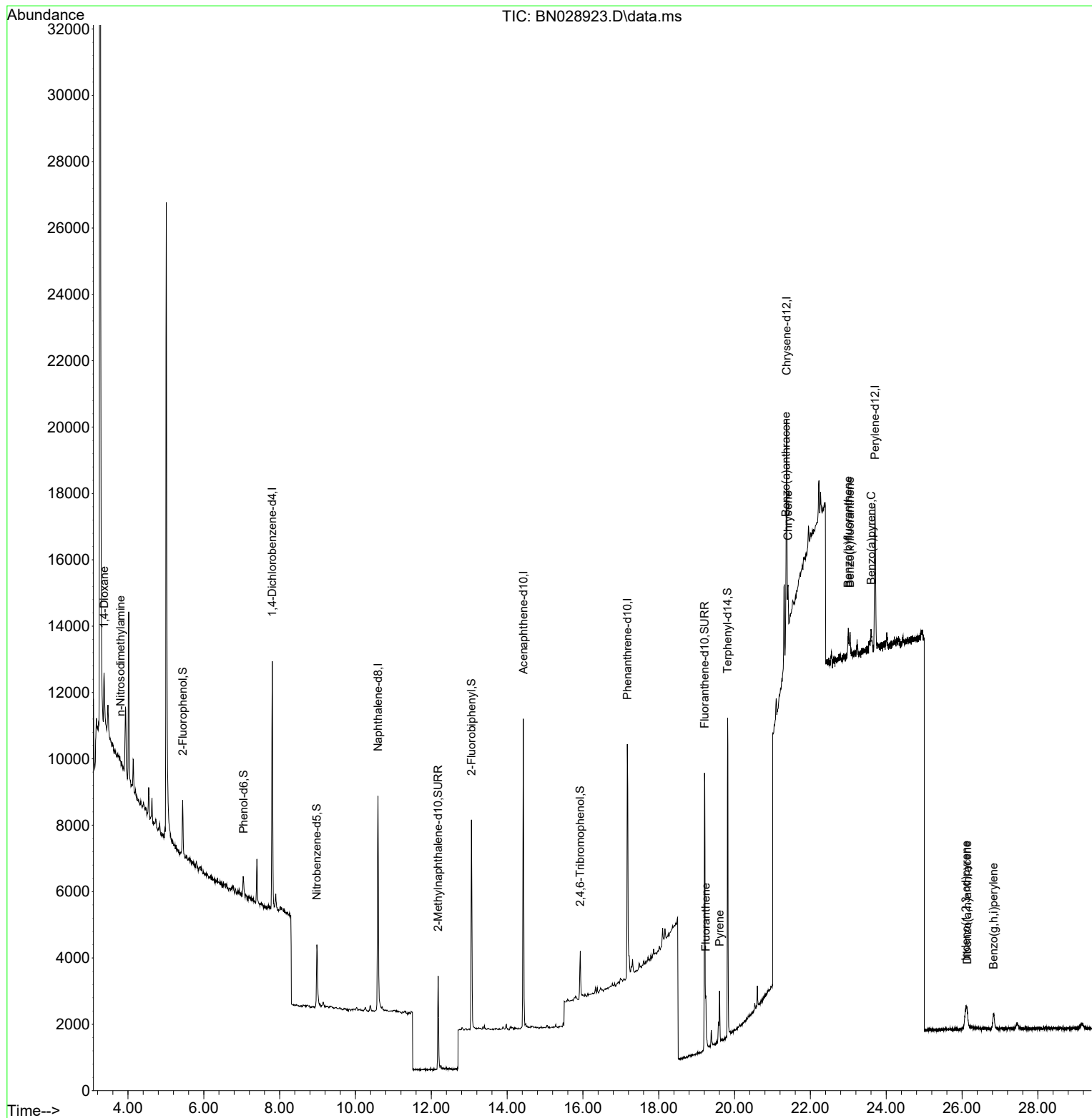
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	3659	0.400	ng	0.00
7) Naphthalene-d8	10.594	136	9219	0.400	ng	0.00
13) Acenaphthene-d10	14.428	164	5114	0.400	ng	0.00
19) Phenanthrene-d10	17.171	188	10651	0.400	ng	#-0.01
29) Chrysene-d12	21.374	240	6435	0.400	ng	# 0.00
35) Perylene-d12	23.705	264	6258	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.442	112	1239	0.112	ng	0.00
5) Phenol-d6	7.045	99	641	0.052	ng	0.00
8) Nitrobenzene-d5	8.982	82	2055	0.224	ng	0.00
11) 2-Methylnaphthalene-d10	12.181	152	3935	0.266	ng	0.00
14) 2,4,6-Tribromophenol	15.930	330	873	0.253	ng	0.00
15) 2-Fluorobiphenyl	13.060	172	5406	0.245	ng	-0.01
27) Fluoranthene-d10	19.209	212	10002	0.357	ng	0.00
31) Terphenyl-d14	19.817	244	9673	0.481	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	1272	0.355	ng	# 78
3) n-Nitrosodimethylamine	3.803	42	40	0.098	ng	# 14
28) Fluoranthene	19.241	202	1359	0.037	ng	95
30) Pyrene	19.603	202	1357	0.122	ng	# 95
32) Benzo(a)anthracene	21.356	228	1265	0.046	ng	# 89
33) Chrysene	21.409	228	1214	0.045	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.302	149	3838	Below Cal		99
36) Indeno(1,2,3-cd)pyrene	26.102	276	1202	0.044	ng	# 77
37) Benzo(b)fluoranthene	22.994	252	1158	0.045	ng	# 65
38) Benzo(k)fluoranthene	23.047	252	1112	0.046	ng	# 63
39) Benzo(a)pyrene	23.605	252	990	0.043	ng	# 65
40) Dibenzo(a,h)anthracene	26.134	278	896	0.042	ng	# 1
41) Benzo(g,h,i)perylene	26.830	276	1067	0.045	ng	# 40

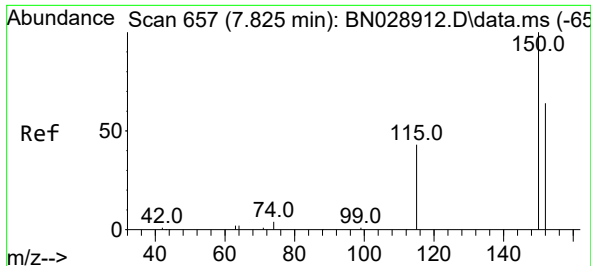
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
Data File : BN028923.D
Acq On : 30 Nov 2023 23:23
Operator : MA/JU
Sample : 05350-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE117D1-20231107

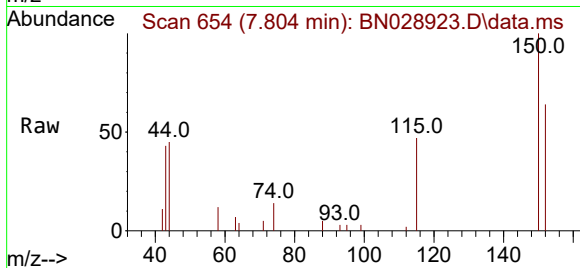
Quant Time: Dec 01 00:30:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:28:34 2023
Response via : Initial Calibration





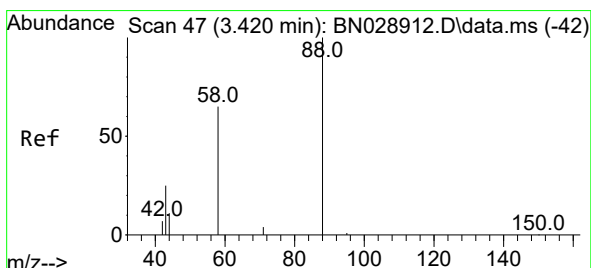
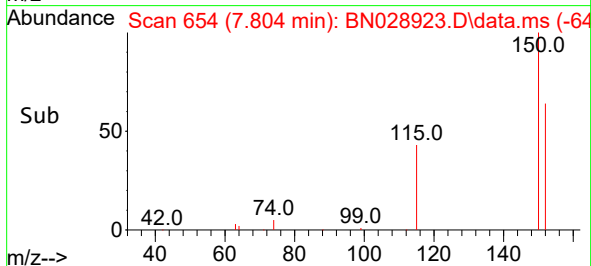
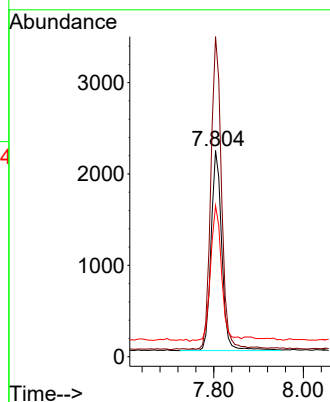
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.804 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN028923.D
 Acq: 30 Nov 2023 23:23

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20231107



Tgt Ion:152 Resp: 3659

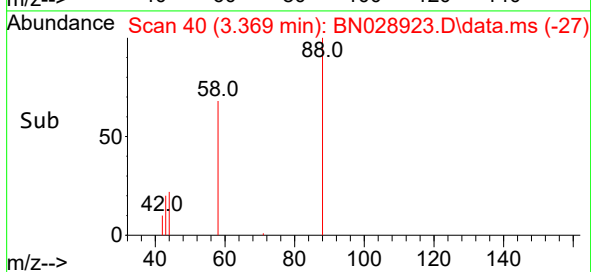
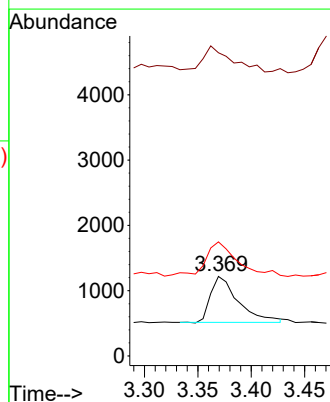
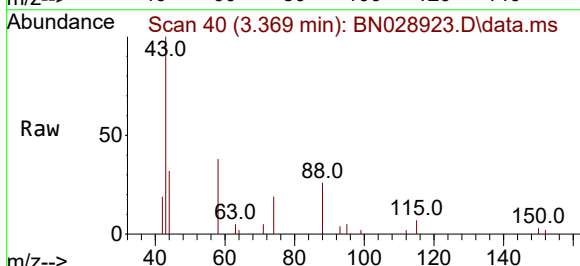
Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.4	185.2
115	73.3	59.1	88.7

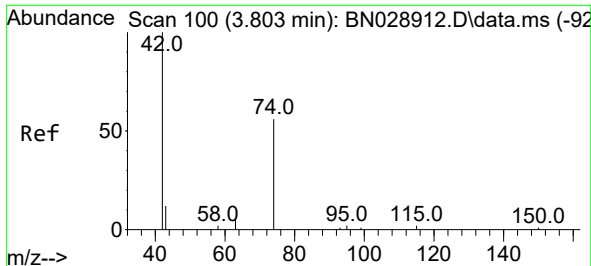


#2
 1,4-Dioxane
 Concen: 0.355 ng
 RT: 3.369 min Scan# 40
 Delta R.T. -0.007 min
 Lab File: BN028923.D
 Acq: 30 Nov 2023 23:23

Tgt Ion: 88 Resp: 1272

Ion	Ratio	Lower	Upper
88	100		
43	54.1	29.9	44.9#
58	84.2	55.0	82.4#

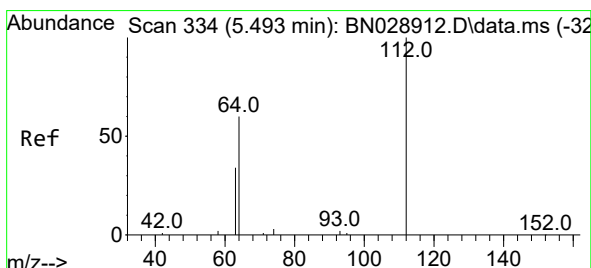
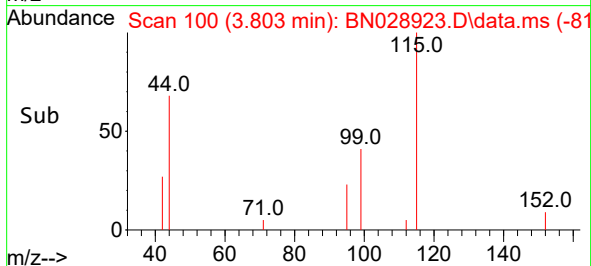
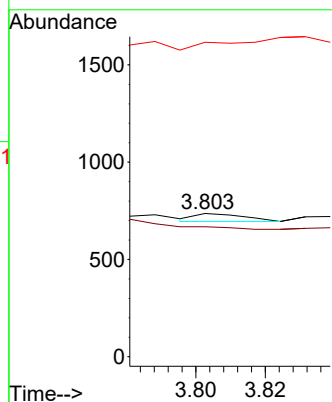
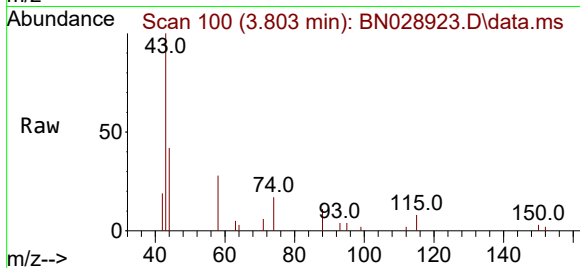




#3
n-Nitrosodimethylamine
Concen: 0.098 ng
RT: 3.803 min Scan# 100
Delta R.T. 0.036 min
Lab File: BN028923.D
Acq: 30 Nov 2023 23:23

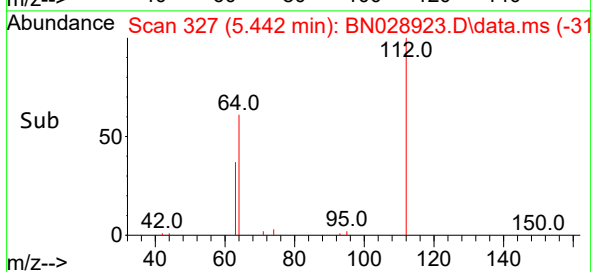
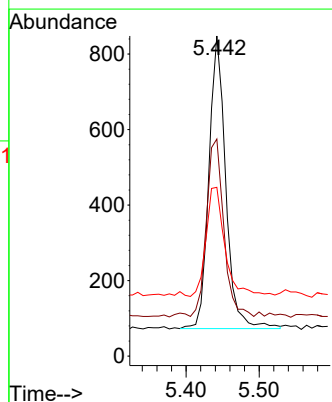
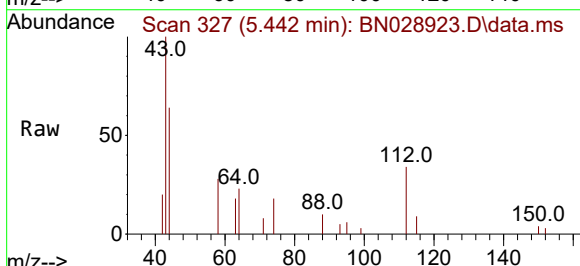
Instrument :
BNA_N
ClientSampleId :
RE117D1-20231107

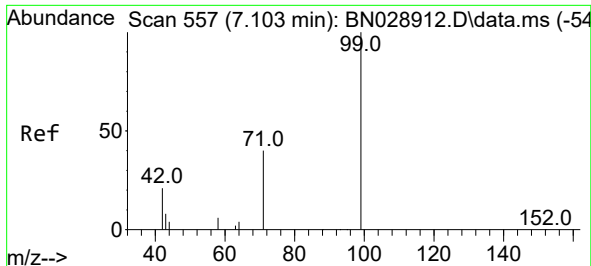
Tgt Ion: 42 Resp: 40
Ion Ratio Lower Upper
42 100
74 0.0 57.0 85.6#
44 0.0 0.0 0.0



#4
2-Fluorophenol
Concen: 0.112 ng
RT: 5.442 min Scan# 327
Delta R.T. -0.007 min
Lab File: BN028923.D
Acq: 30 Nov 2023 23:23

Tgt Ion: 112 Resp: 1239
Ion Ratio Lower Upper
112 100
64 61.7 51.5 77.3
63 42.2 30.4 45.6

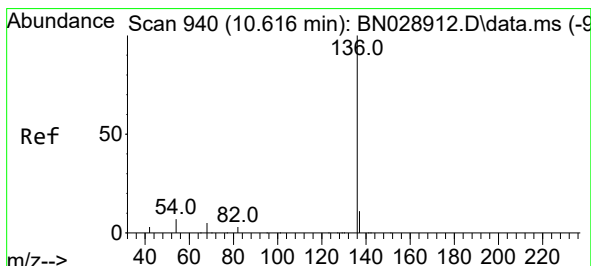
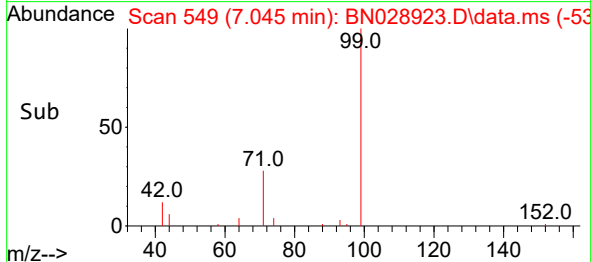
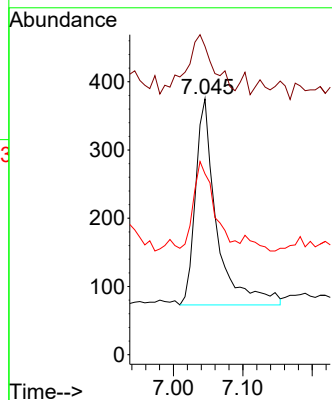
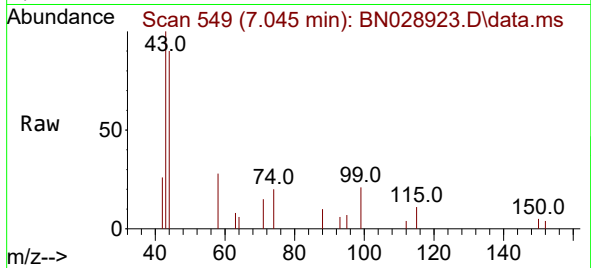




#5
Phenol-d6
Concen: 0.052 ng
RT: 7.045 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN028923.D
Acq: 30 Nov 2023 23:23

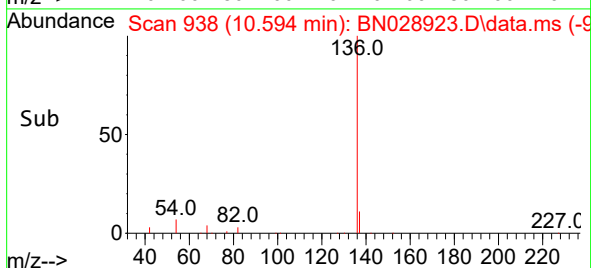
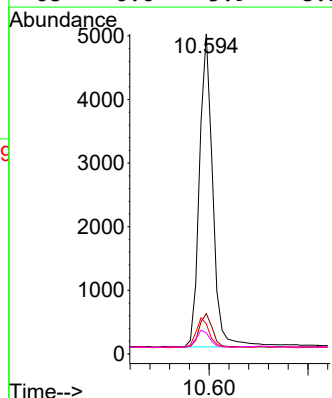
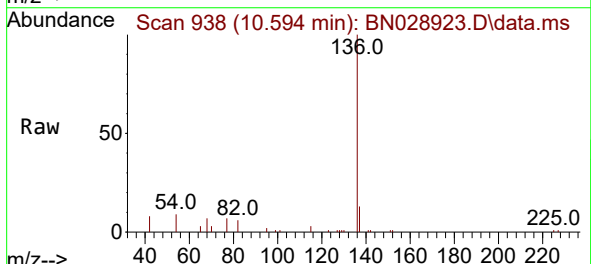
Instrument :
BNA_N
ClientSampleId :
RE117D1-20231107

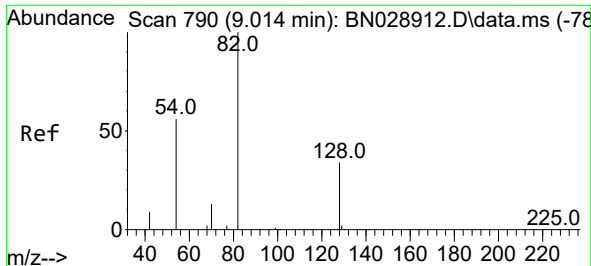
Tgt Ion: 99 Resp: 641
Ion Ratio Lower Upper
99 100
42 36.5 21.2 31.8#
71 43.2 35.4 53.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.594 min Scan# 938
Delta R.T. -0.000 min
Lab File: BN028923.D
Acq: 30 Nov 2023 23:23

Tgt Ion: 136 Resp: 9219
Ion Ratio Lower Upper
136 100
137 12.6 10.6 16.0
54 9.4 7.5 11.3
68 6.6 5.9 8.9

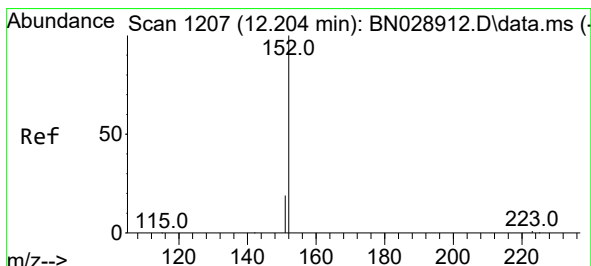
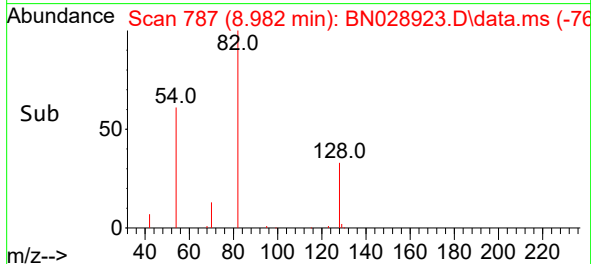
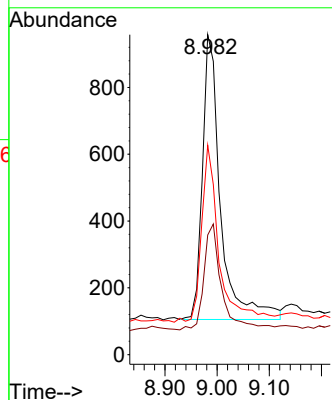
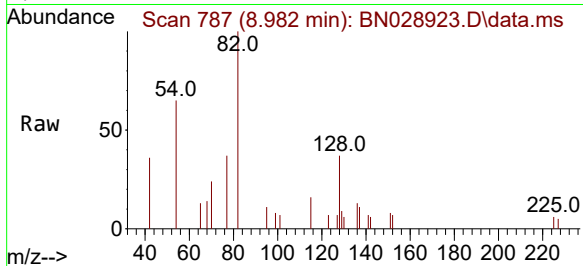




#8
Nitrobenzene-d5
Concen: 0.224 ng
RT: 8.982 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN028923.D
Acq: 30 Nov 2023 23:23

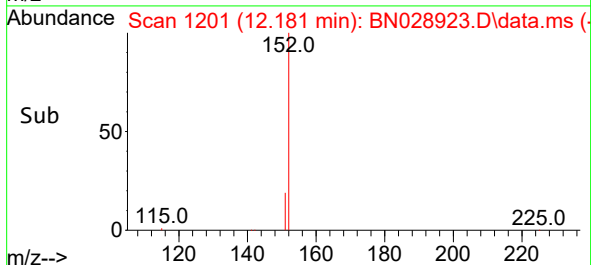
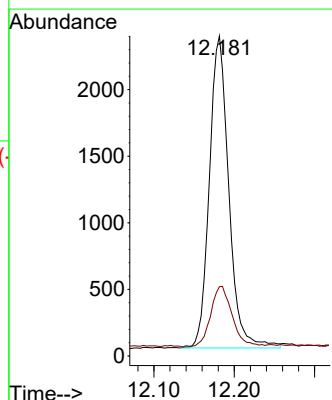
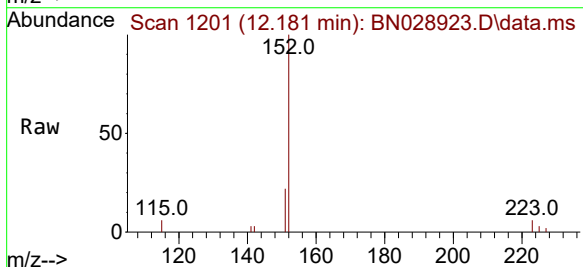
Instrument :
BNA_N
ClientSampleId :
RE117D1-20231107

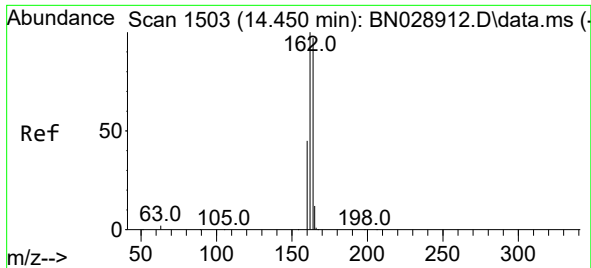
Tgt Ion: 82 Resp: 2055
Ion Ratio Lower Upper
82 100
128 37.4 29.2 43.8
54 65.4 47.0 70.6



#11
2-Methylnaphthalene-d10
Concen: 0.266 ng
RT: 12.181 min Scan# 1201
Delta R.T. -0.004 min
Lab File: BN028923.D
Acq: 30 Nov 2023 23:23

Tgt Ion:152 Resp: 3935
Ion Ratio Lower Upper
152 100
151 21.5 16.7 25.1

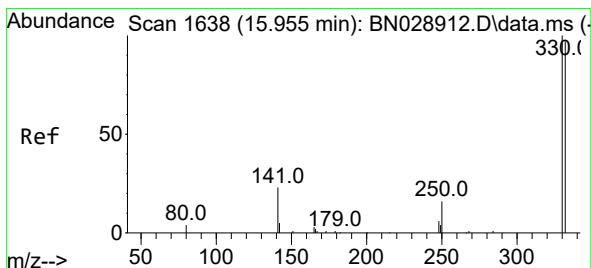
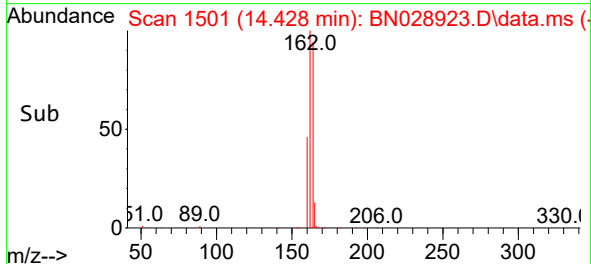
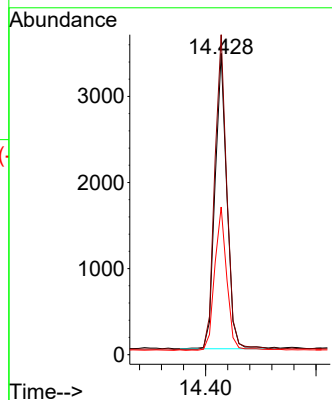
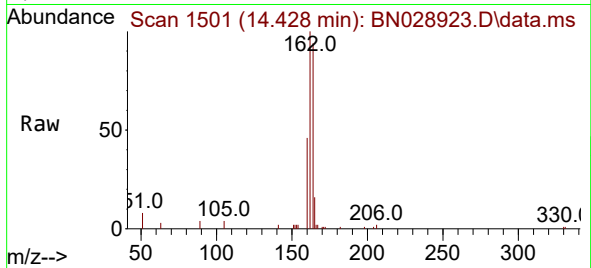




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.428 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BN028923.D
Acq: 30 Nov 2023 23:23

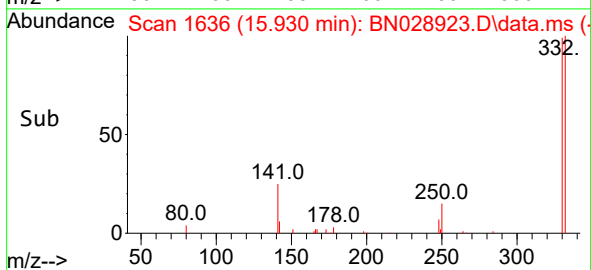
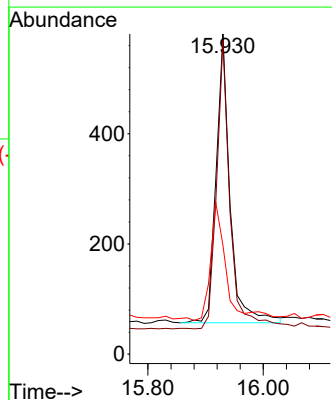
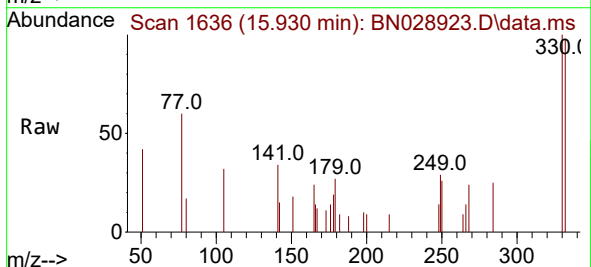
Instrument :
BNA_N
ClientSampleId :
RE117D1-20231107

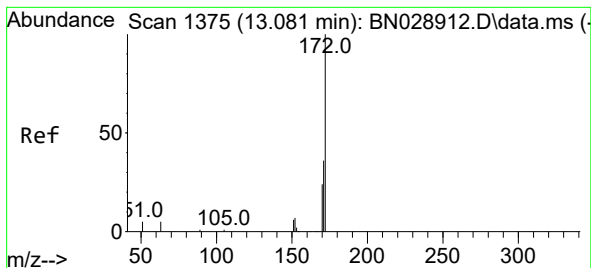
Tgt Ion:164 Resp: 5114
Ion Ratio Lower Upper
164 100
162 106.2 81.7 122.5
160 49.0 37.0 55.6



#14
2,4,6-Tribromophenol
Concen: 0.253 ng
RT: 15.930 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BN028923.D
Acq: 30 Nov 2023 23:23

Tgt Ion:330 Resp: 873
Ion Ratio Lower Upper
330 100
332 96.9 75.4 113.2
141 46.3 35.7 53.5





#15

2-Fluorobiphenyl

Concen: 0.245 ng

RT: 13.060 min Scan# 11

Delta R.T. -0.011 min

Lab File: BN028923.D

Acq: 30 Nov 2023 23:23

Instrument :

BNA_N

ClientSampleId :

RE117D1-20231107

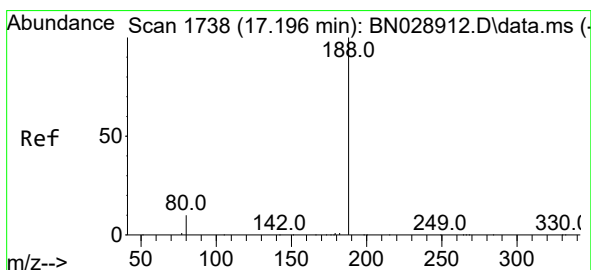
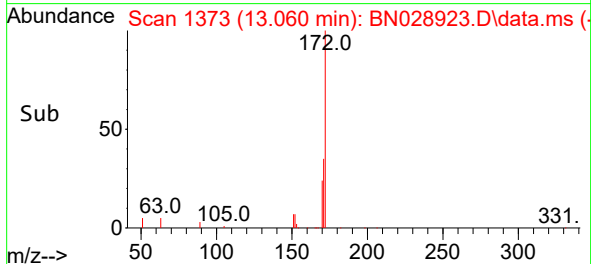
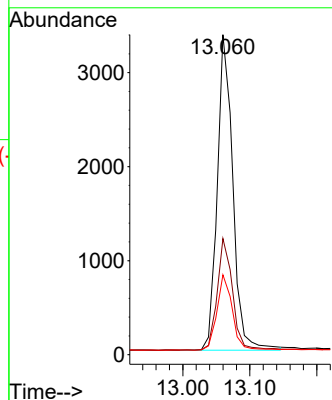
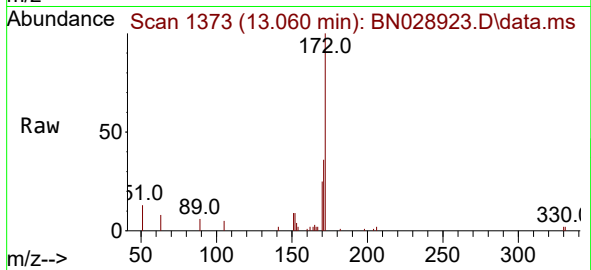
Tgt Ion:172 Resp: 5406

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.4

170 25.0 19.7 29.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.171 min Scan# 1736

Delta R.T. -0.013 min

Lab File: BN028923.D

Acq: 30 Nov 2023 23:23

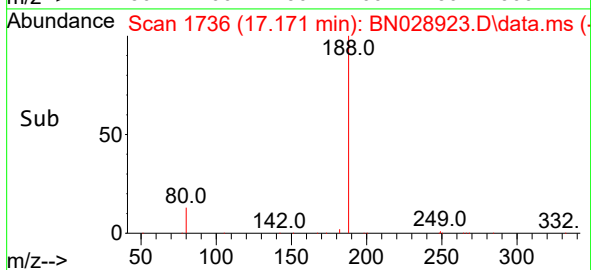
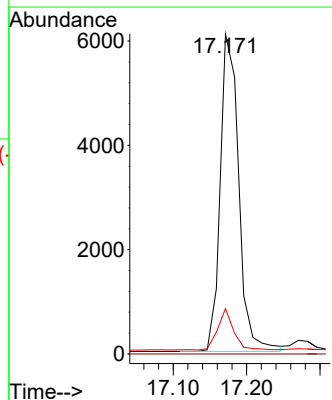
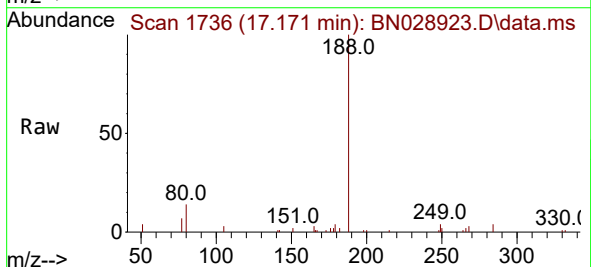
Tgt Ion:188 Resp: 10651

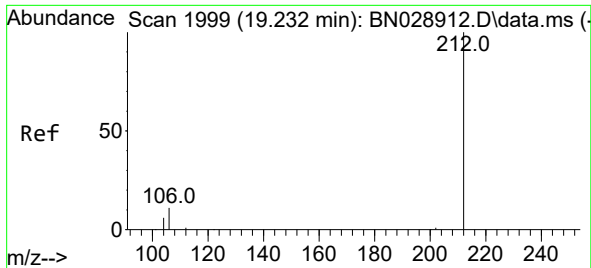
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.2 9.0 13.6#

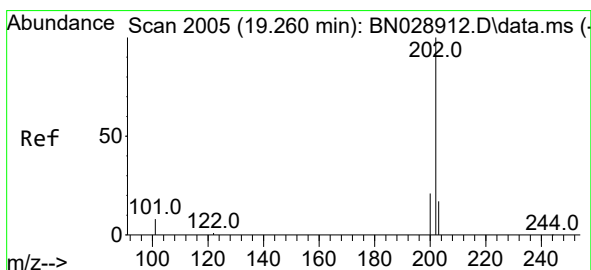
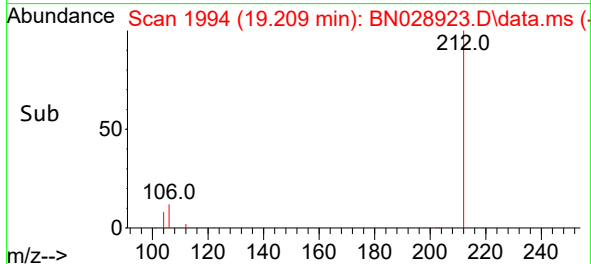
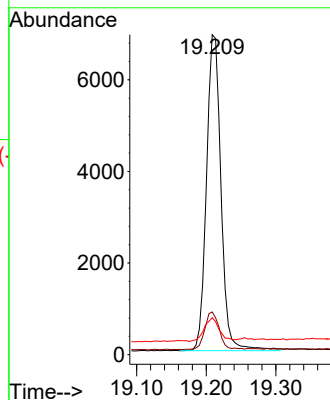
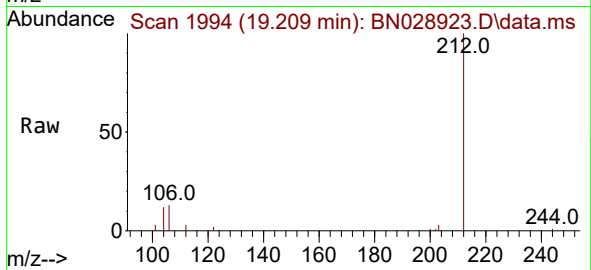




#27
Fluoranthene-d10
Concen: 0.357 ng
RT: 19.209 min Scan# 1999
Delta R.T. -0.005 min
Lab File: BN028923.D
Acq: 30 Nov 2023 23:23

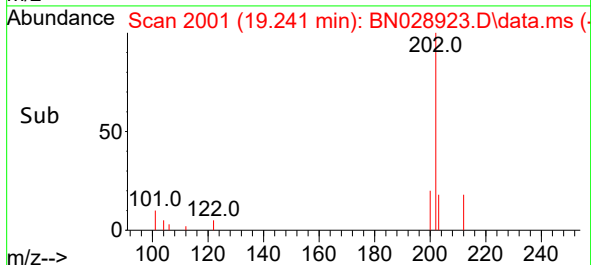
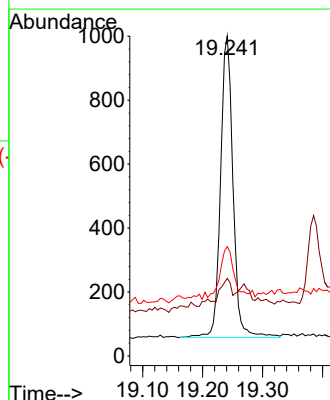
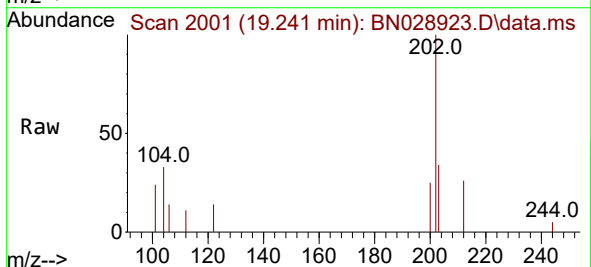
Instrument :
BNA_N
ClientSampleId :
RE117D1-20231107

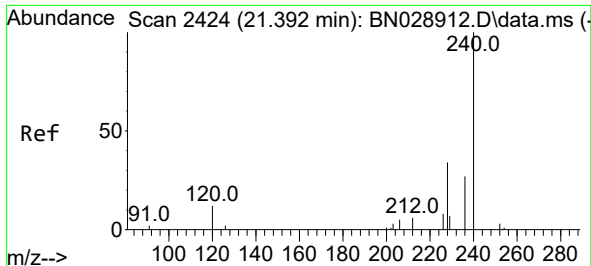
Tgt Ion:212 Resp: 10002
Ion Ratio Lower Upper
212 100
106 11.8 9.4 14.2
104 7.7 6.2 9.2



#28
Fluoranthene
Concen: 0.037 ng
RT: 19.241 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN028923.D
Acq: 30 Nov 2023 23:23

Tgt Ion:202 Resp: 1359
Ion Ratio Lower Upper
202 100
101 7.9 7.3 10.9
203 20.5 14.1 21.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.374 min Scan# 2422

Delta R.T. -0.000 min

Lab File: BN028923.D

Acq: 30 Nov 2023 23:23

Instrument :

BNA_N

ClientSampleId :

RE117D1-20231107

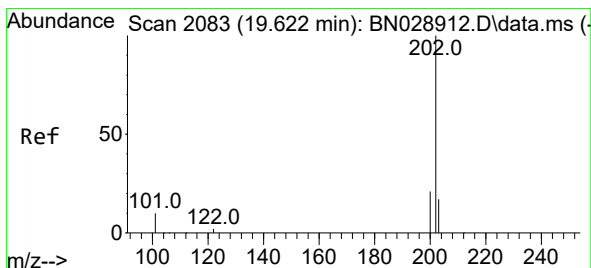
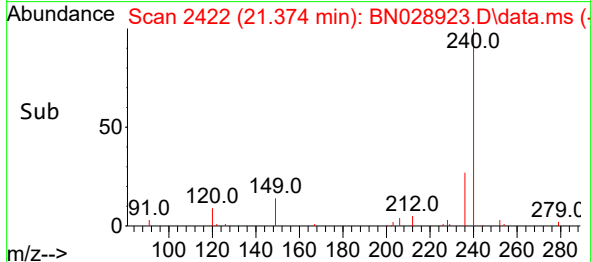
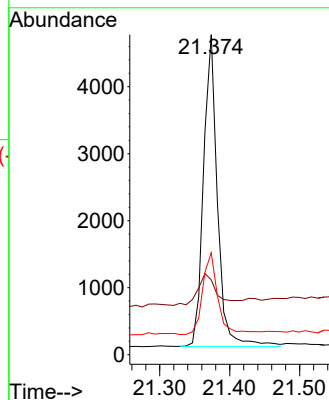
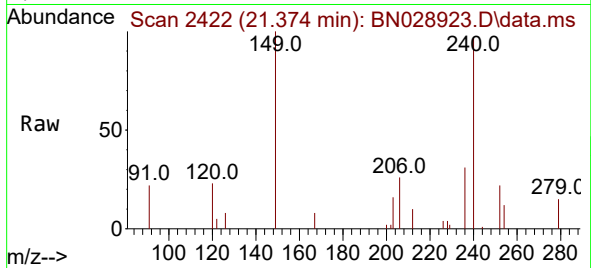
Tgt Ion:240 Resp: 6435

Ion Ratio Lower Upper

240 100

120 23.4 37.1 55.7#

236 31.8 32.4 48.6#



#30

Pyrene

Concen: 0.122 ng

RT: 19.603 min Scan# 2079

Delta R.T. -0.005 min

Lab File: BN028923.D

Acq: 30 Nov 2023 23:23

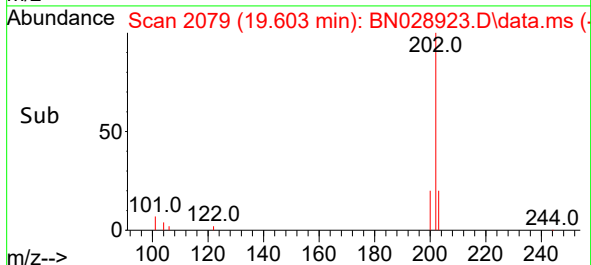
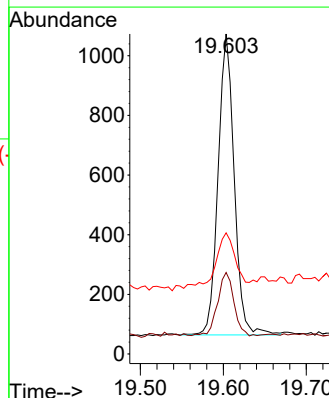
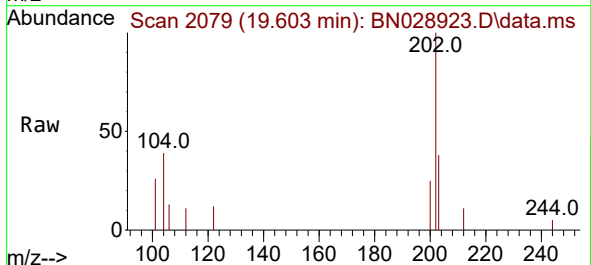
Tgt Ion:202 Resp: 1357

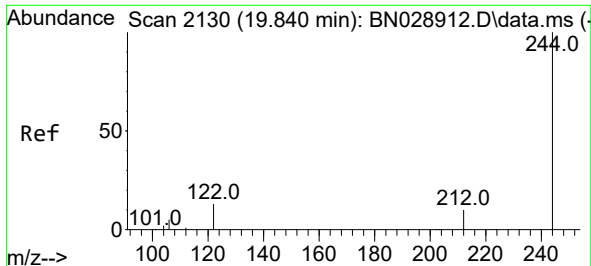
Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

203 22.6 14.8 22.2#

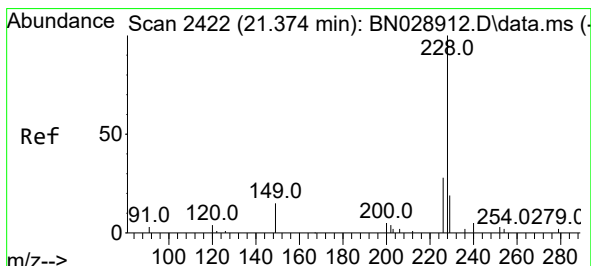
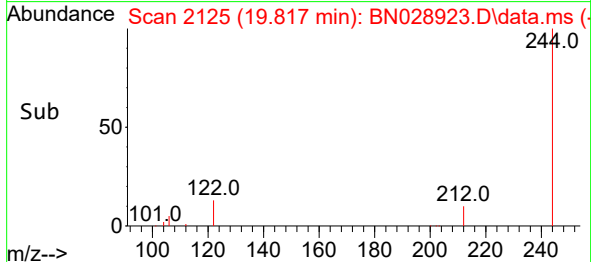
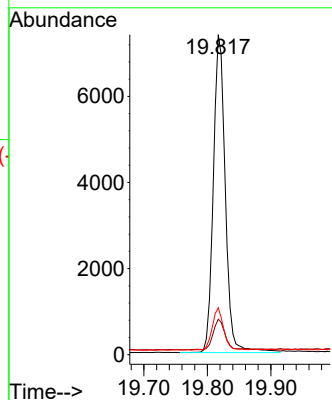
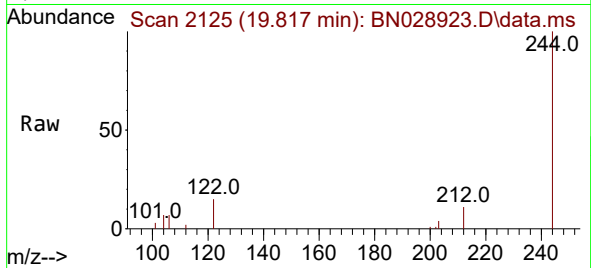




#31
Terphenyl-d14
Concen: 0.481 ng
RT: 19.817 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BN028923.D
Acq: 30 Nov 2023 23:23

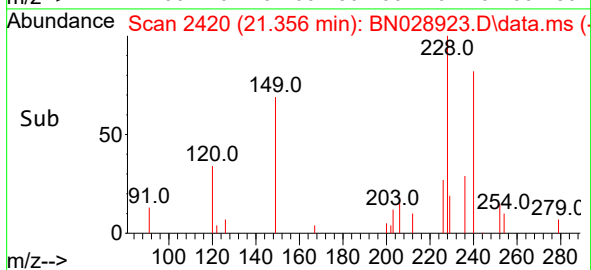
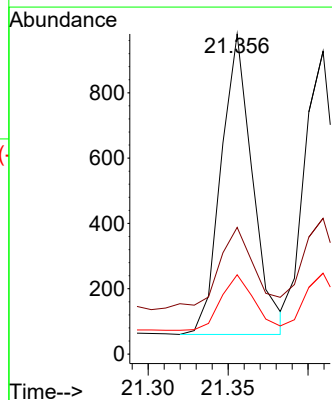
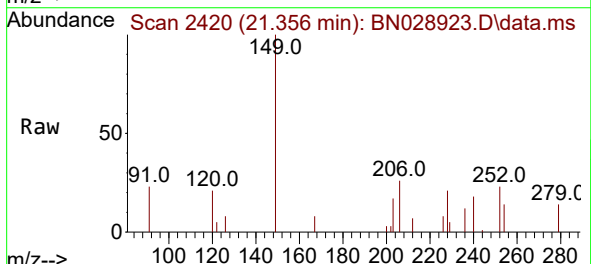
Instrument :
BNA_N
ClientSampleId :
RE117D1-20231107

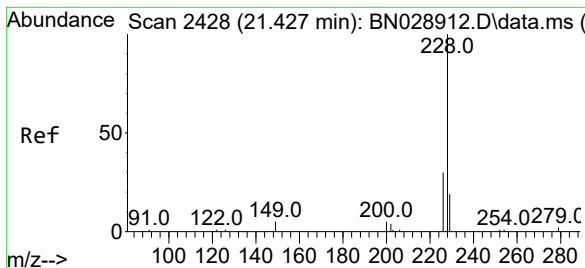
Tgt Ion:244 Resp: 9673
Ion Ratio Lower Upper
244 100
212 11.1 11.5 17.3#
122 14.7 13.2 19.8



#32
Benzo(a)anthracene
Concen: 0.046 ng
RT: 21.356 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BN028923.D
Acq: 30 Nov 2023 23:23

Tgt Ion:228 Resp: 1265
Ion Ratio Lower Upper
228 100
226 39.6 26.5 39.7
229 24.8 16.4 24.6#





#33

Chrysene

Concen: 0.045 ng

RT: 21.409 min Scan# 2426

Delta R.T. -0.000 min

Lab File: BN028923.D

Acq: 30 Nov 2023 23:23

Instrument :

BNA_N

ClientSampleId :

RE117D1-20231107

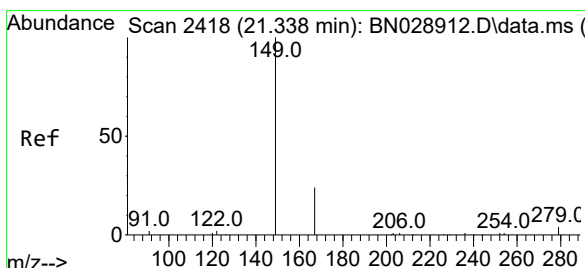
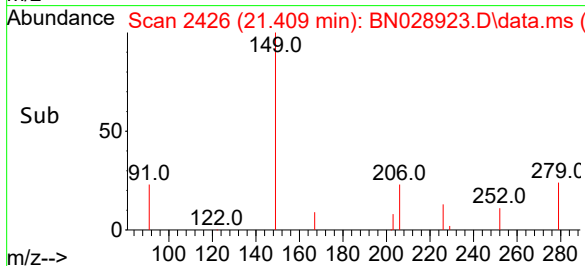
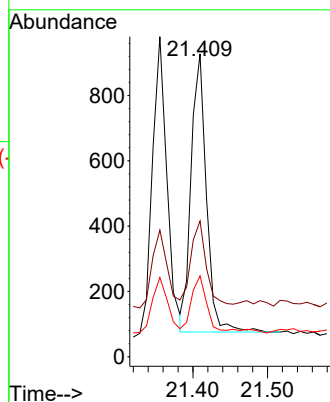
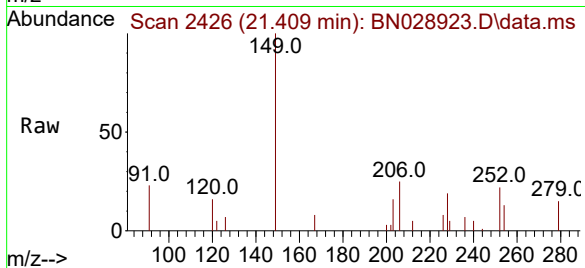
Tgt Ion:228 Resp: 1214

Ion Ratio Lower Upper

228 100

226 44.9 28.3 42.5#

229 26.8 16.4 24.6#



#34

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 21.302 min Scan# 2414

Delta R.T. -0.009 min

Lab File: BN028923.D

Acq: 30 Nov 2023 23:23

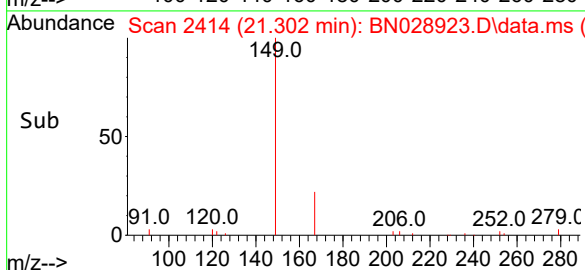
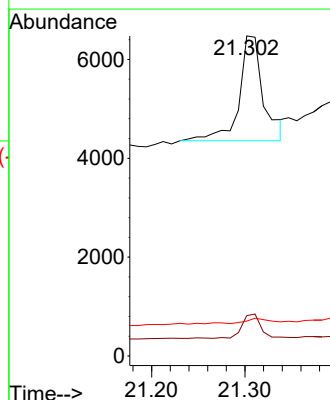
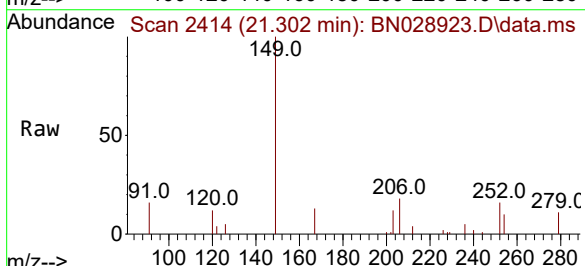
Tgt Ion:149 Resp: 3838

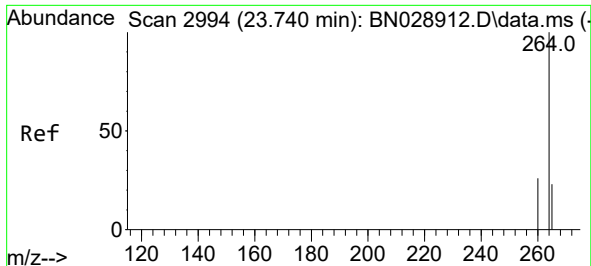
Ion Ratio Lower Upper

149 100

167 18.2 14.9 22.3

279 7.1 6.3 9.5

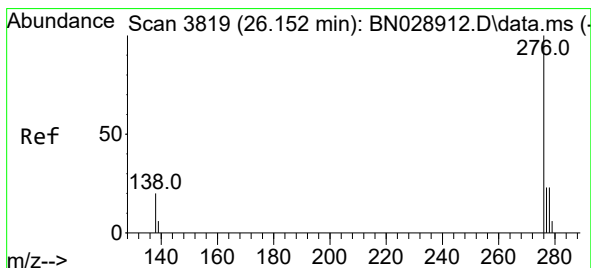
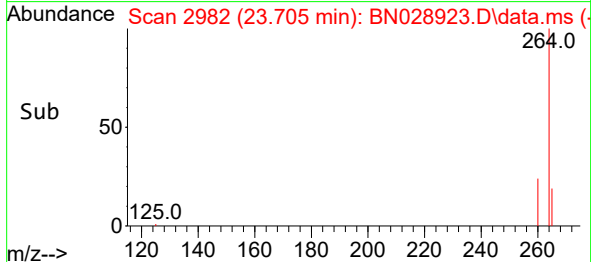
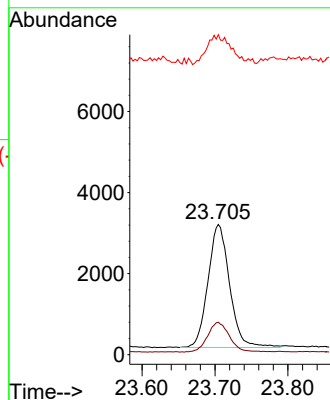
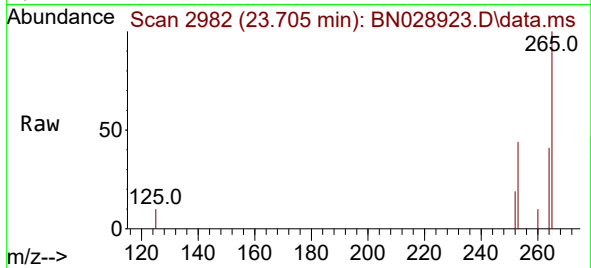




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.705 min Scan# 2994
Delta R.T. -0.009 min
Lab File: BN028923.D
Acq: 30 Nov 2023 23:23

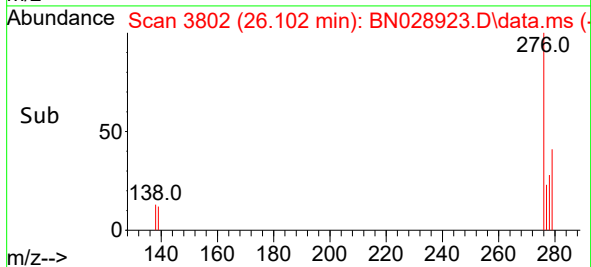
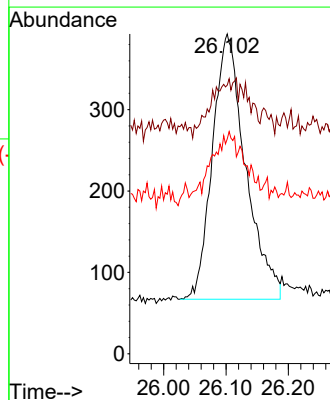
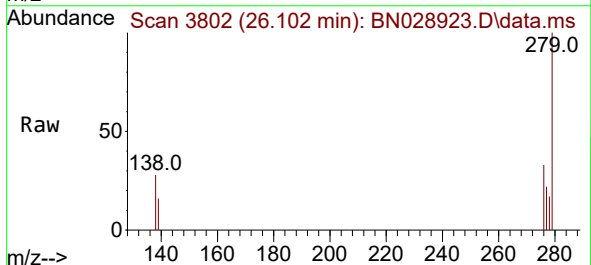
Instrument :
BNA_N
ClientSampleId :
RE117D1-20231107

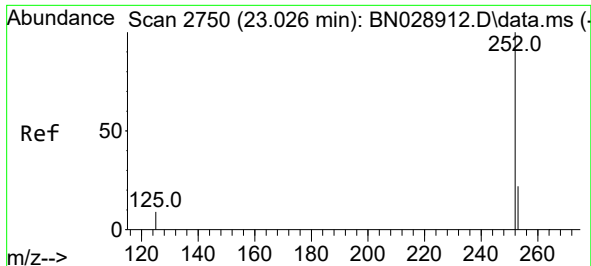
Tgt Ion:264 Resp: 6258
Ion Ratio Lower Upper
264 100
260 24.9 20.6 30.8
265 245.6 464.5 696.7#



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.044 ng
RT: 26.102 min Scan# 3802
Delta R.T. -0.009 min
Lab File: BN028923.D
Acq: 30 Nov 2023 23:23

Tgt Ion:276 Resp: 1202
Ion Ratio Lower Upper
276 100
138 13.5 20.9 31.3#
277 15.1 20.2 30.4#





#37

Benzo(b)fluoranthene

Concen: 0.045 ng

RT: 22.994 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN028923.D

Acq: 30 Nov 2023 23:23

Instrument :

BNA_N

ClientSampleId :

RE117D1-20231107

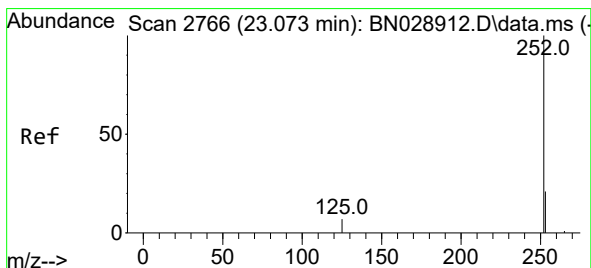
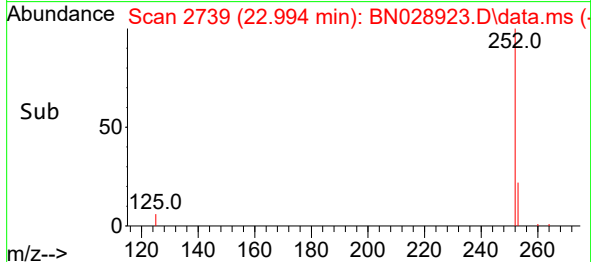
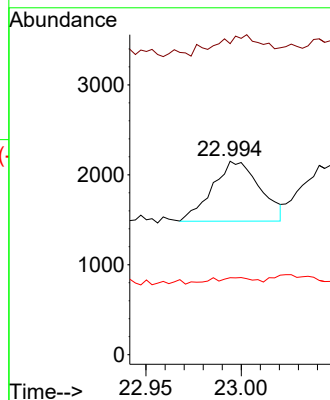
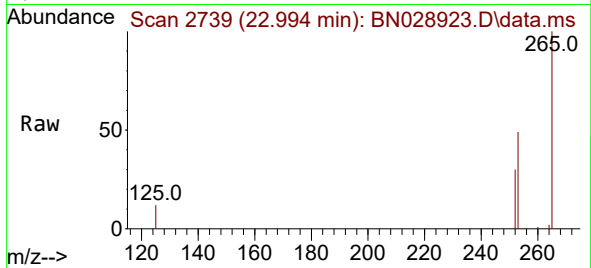
Tgt Ion:252 Resp: 1158

Ion Ratio Lower Upper

252 100

253 160.8 94.5 141.7#

125 39.7 23.8 35.8#



#38

Benzo(k)fluoranthene

Concen: 0.046 ng

RT: 23.047 min Scan# 2757

Delta R.T. -0.003 min

Lab File: BN028923.D

Acq: 30 Nov 2023 23:23

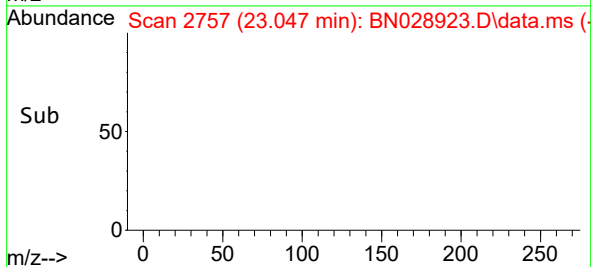
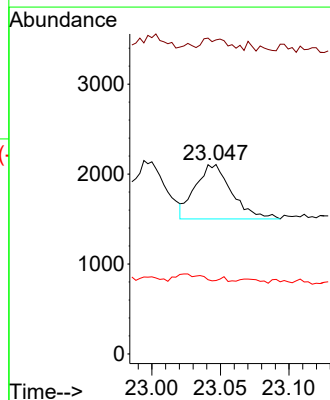
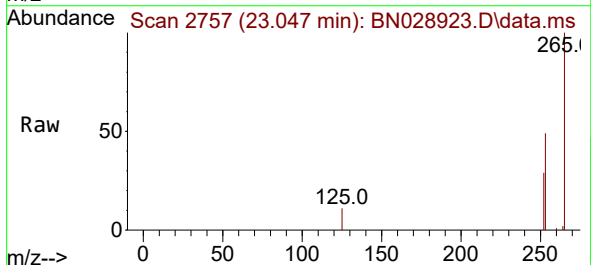
Tgt Ion:252 Resp: 1112

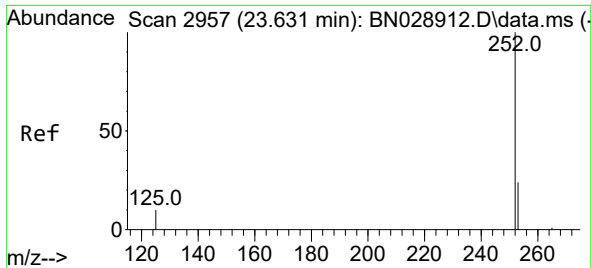
Ion Ratio Lower Upper

252 100

253 165.7 95.2 142.8#

125 38.7 24.3 36.5#

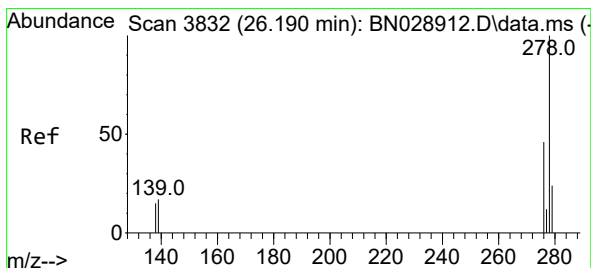
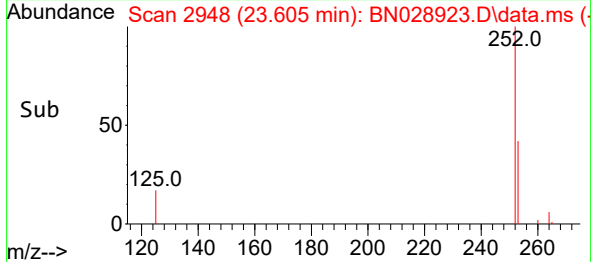
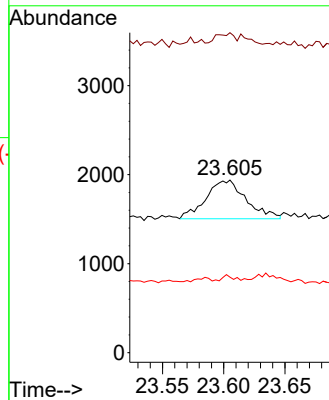
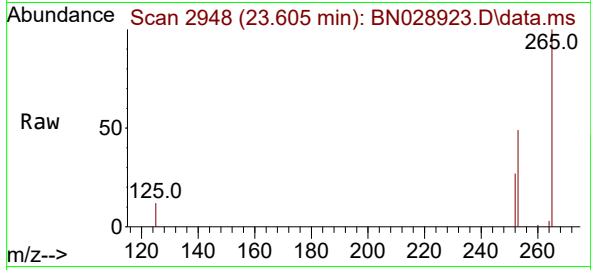




#39
Benzo(a)pyrene
Concen: 0.043 ng
RT: 23.605 min Scan# 2948
Delta R.T. -0.000 min
Lab File: BN028923.D
Acq: 30 Nov 2023 23:23

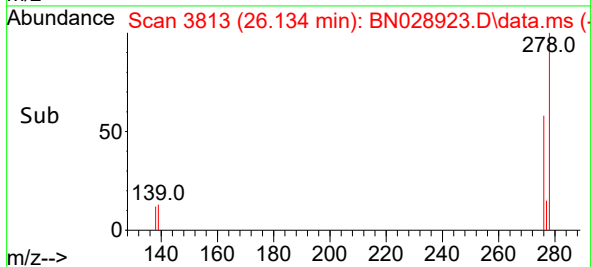
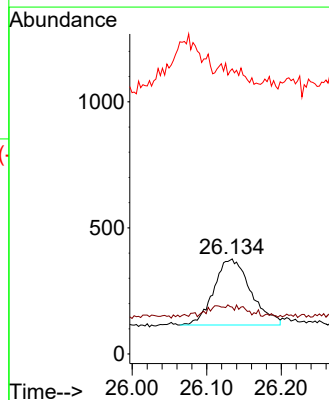
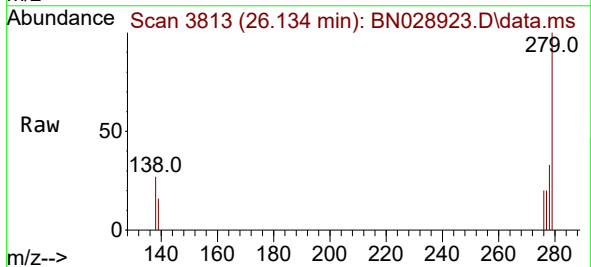
Instrument :
BNA_N
ClientSampleId :
RE117D1-20231107

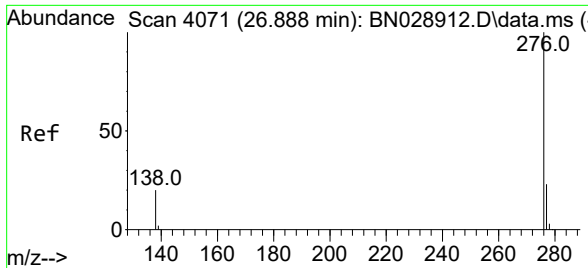
Tgt Ion:252 Resp: 990
Ion Ratio Lower Upper
252 100
253 185.4 110.2 165.4#
125 43.7 27.0 40.4#



#40
Dibenzo(a,h)anthracene
Concen: 0.042 ng
RT: 26.134 min Scan# 3813
Delta R.T. -0.006 min
Lab File: BN028923.D
Acq: 30 Nov 2023 23:23

Tgt Ion:278 Resp: 896
Ion Ratio Lower Upper
278 100
139 49.3 22.6 33.8#
279 300.0 102.6 153.8#





#41

Benzo(g,h,i)perylene

Concen: 0.045 ng

RT: 26.830 min Scan# 40

Delta R.T. -0.012 min

Lab File: BN028923.D

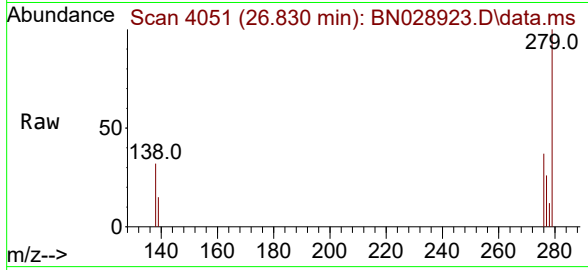
Acq: 30 Nov 2023 23:23

Instrument :

BNA_N

ClientSampleId :

RE117D1-20231107



Tgt Ion:276 Resp: 1067

Ion Ratio Lower Upper

276 100

277 68.8 28.9 43.3#

138 87.0 36.2 54.2#

