

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061523\
 Data File : BN025865.D
 Acq On : 15 Jun 2023 19:20
 Operator : MA/JU
 Sample : 03173-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-061223

Quant Time: Jun 16 01:47:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 01:41:46 2023
 Response via : Initial Calibration

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

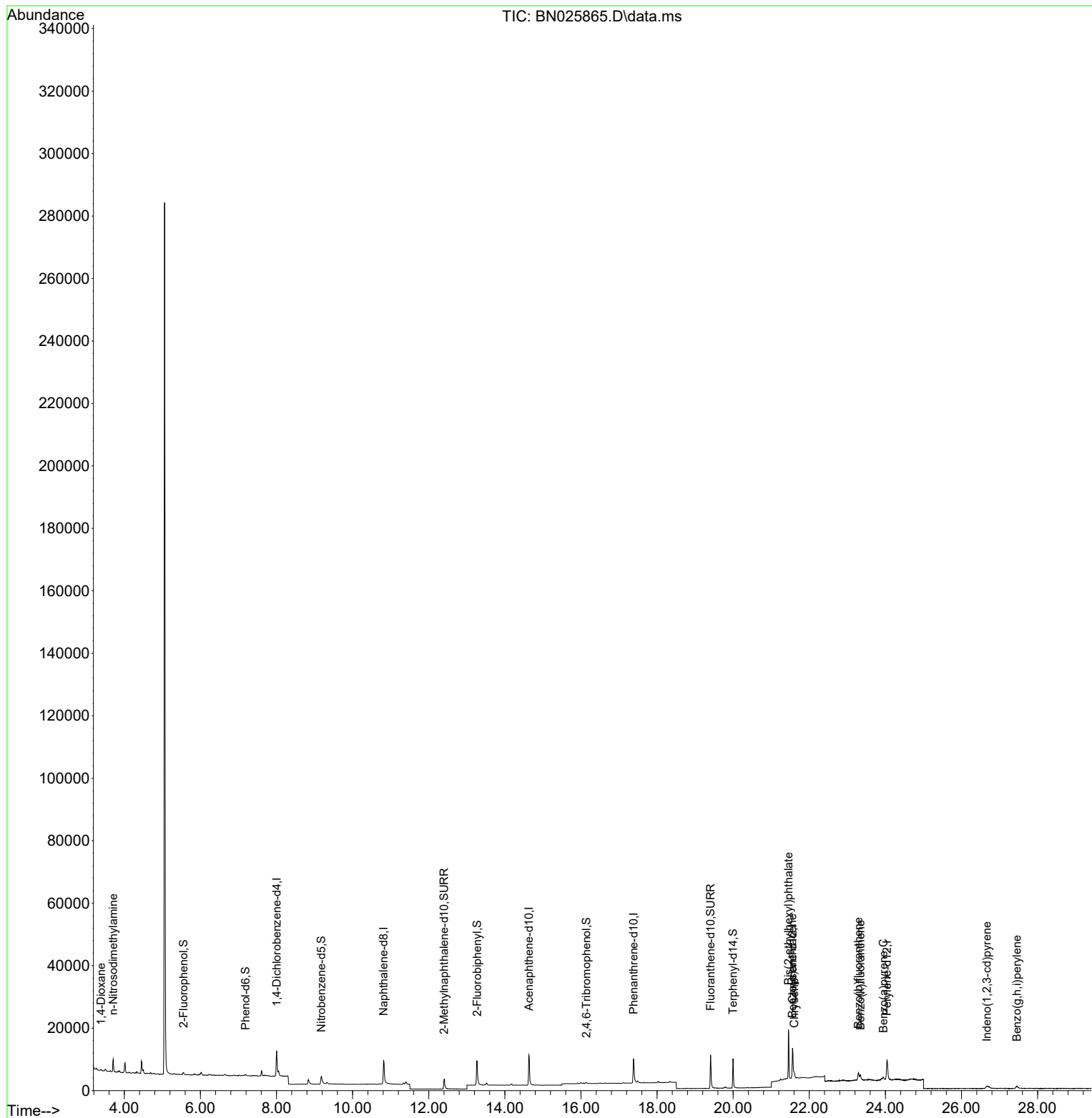
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	5177	0.400	ng	0.00
7) Naphthalene-d8	10.814	136	13394	0.400	ng	# 0.00
13) Acenaphthene-d10	14.630	164	6815	0.400	ng	0.00
19) Phenanthrene-d10	17.381	188	14251	0.400	ng	0.00
29) Chrysene-d12	21.560	240	10826	0.400	ng	# 0.00
35) Perylene-d12	24.045	264	11021	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.557	112	406	0.028	ng	0.02
5) Phenol-d6	7.182	99	712	0.040	ng	0.03
8) Nitrobenzene-d5	9.180	82	3477	0.279	ng	0.02
11) 2-Methylnaphthalene-d10	12.404	152	6253	0.324	ng	0.00
14) 2,4,6-Tribromophenol	16.140	330	261	0.124	ng	0.01
15) 2-Fluorobiphenyl	13.272	172	9574	0.332	ng	0.01
27) Fluoranthene-d10	19.407	212	13827	0.472	ng	0.00
31) Terphenyl-d14	19.997	244	10082	0.384	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.390	88	213	0.035	ng	# 1
3) n-Nitrosodimethylamine	3.708	42	371	0.048	ng	# 1
32) Benzo(a)anthracene	21.551	228	1106	0.026	ng	# 85
33) Chrysene	21.605	228	1723	0.039	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.453	149	15803	0.635	ng	99
36) Indeno(1,2,3-cd)pyrene	26.662	276	1810	0.038	ng	# 69
37) Benzo(b)fluoranthene	23.291	252	4019	0.092	ng	# 56
38) Benzo(k)fluoranthene	23.344	252	2966	0.067	ng	# 49
39) Benzo(a)pyrene	23.946	252	1441	0.035	ng	# 1
41) Benzo(g,h,i)perylene	27.454	276	1897	0.044	ng	# 75

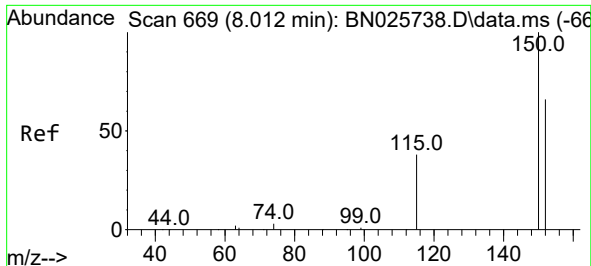
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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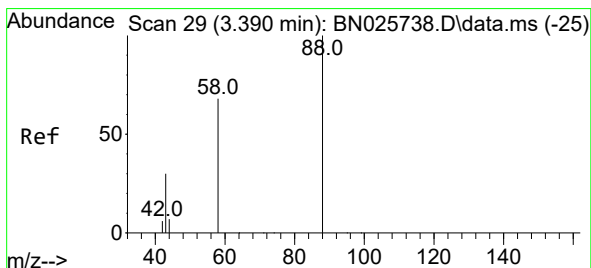
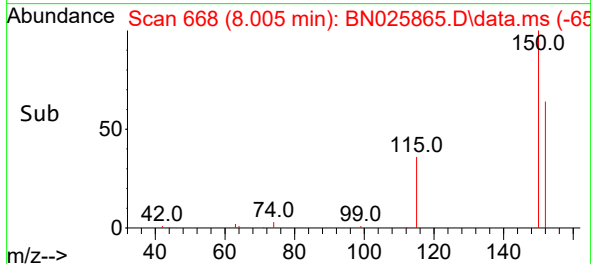
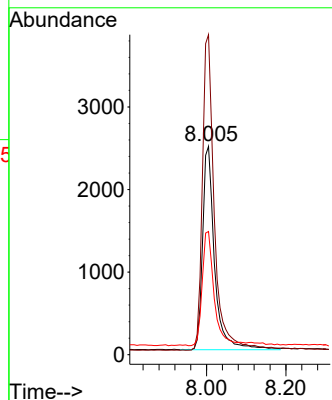
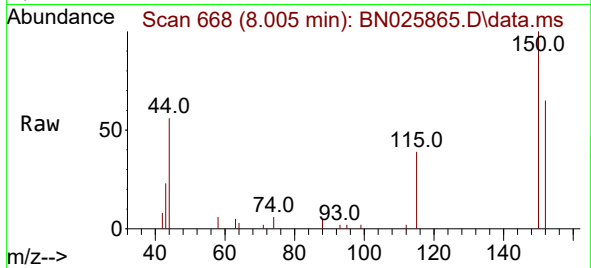




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.005 min Scan# 669
 Delta R.T. 0.007 min
 Lab File: BN025865.D
 Acq: 15 Jun 2023 19:20

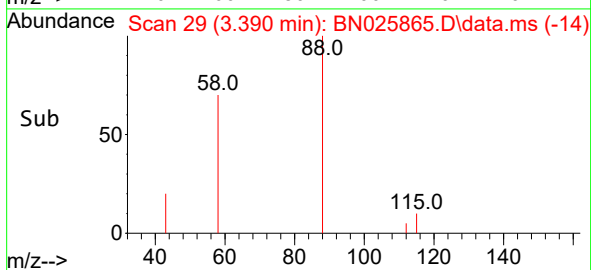
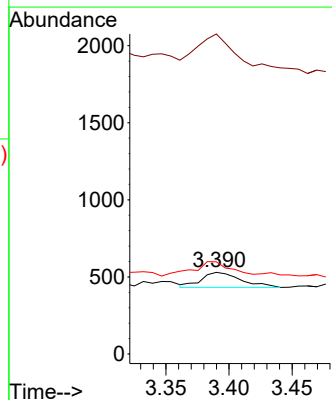
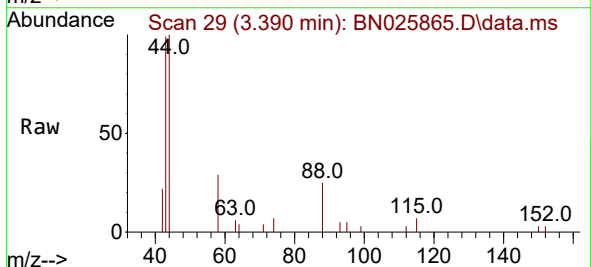
Instrument :
 BNA_N
 ClientSampleId :
 EB-01-061223

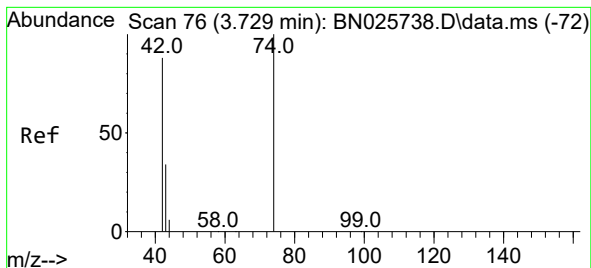
Tgt Ion:152 Resp: 5177
 Ion Ratio Lower Upper
 152 100
 150 153.6 121.5 182.3
 115 59.2 47.7 71.5



#2
 1,4-Dioxane
 Concen: 0.035 ng
 RT: 3.390 min Scan# 29
 Delta R.T. 0.007 min
 Lab File: BN025865.D
 Acq: 15 Jun 2023 19:20

Tgt Ion: 88 Resp: 213
 Ion Ratio Lower Upper
 88 100
 43 200.5 31.0 46.4#
 58 92.0 57.3 85.9#





#3

n-Nitrosodimethylamine

Concen: 0.048 ng

RT: 3.708 min Scan# 71

Delta R.T. -0.014 min

Lab File: BN025865.D

Acq: 15 Jun 2023 19:20

Instrument :

BNA_N

ClientSampleId :

EB-01-061223

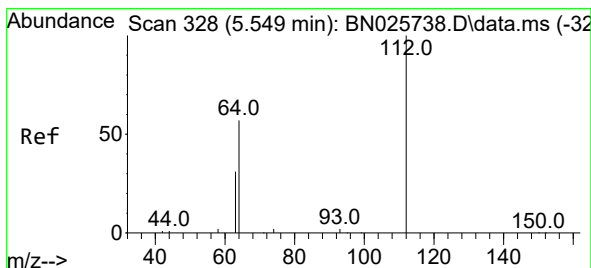
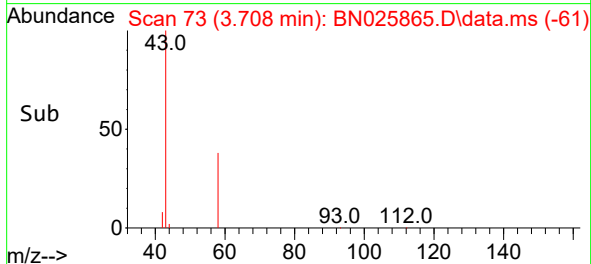
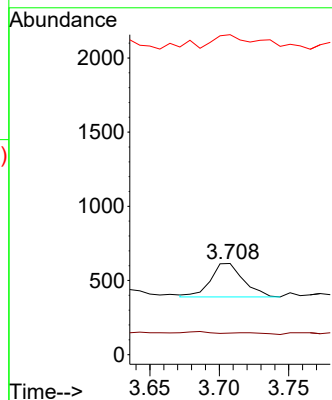
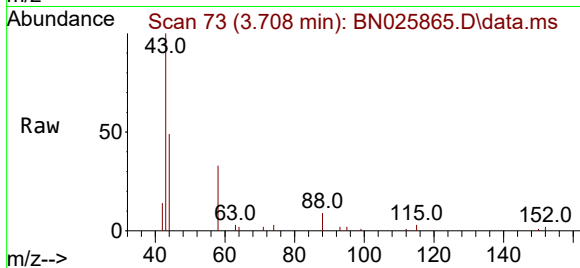
Tgt Ion: 42 Resp: 371

Ion Ratio Lower Upper

42 100

74 0.0 90.5 135.7#

44 77.4 4.4 6.6#



#4

2-Fluorophenol

Concen: 0.028 ng

RT: 5.557 min Scan# 329

Delta R.T. 0.022 min

Lab File: BN025865.D

Acq: 15 Jun 2023 19:20

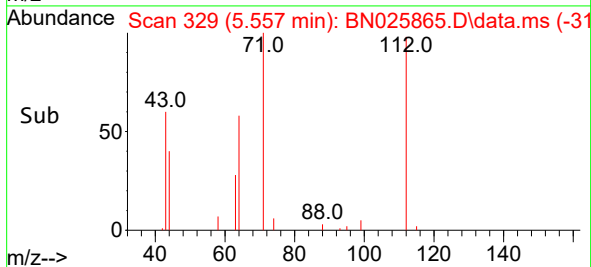
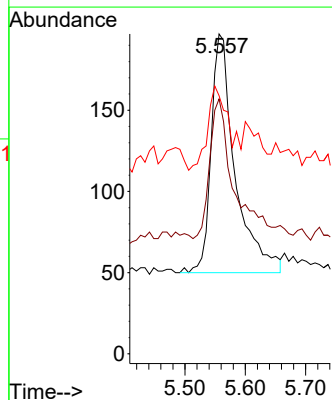
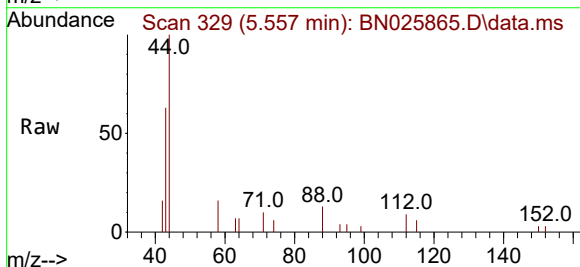
Tgt Ion: 112 Resp: 406

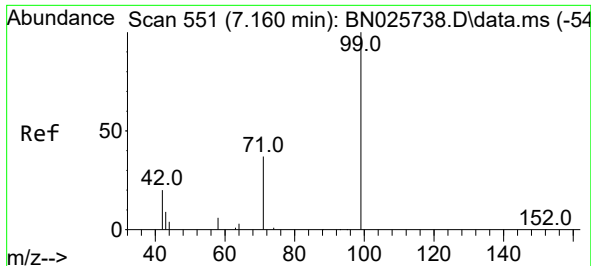
Ion Ratio Lower Upper

112 100

64 58.4 47.5 71.3

63 31.8 26.2 39.4

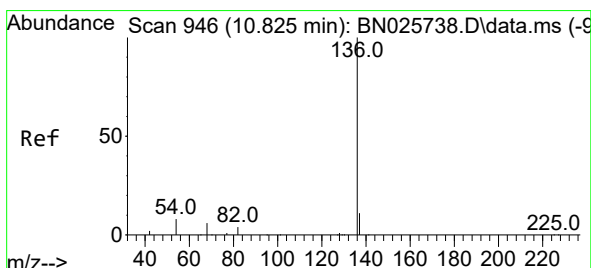
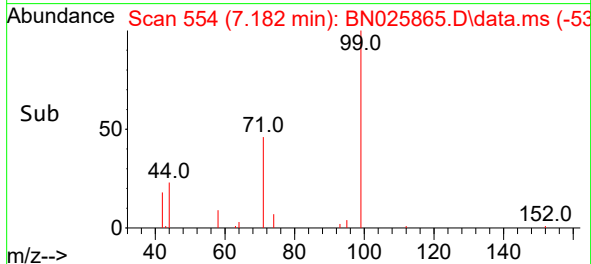
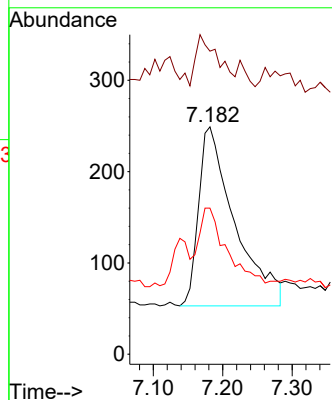
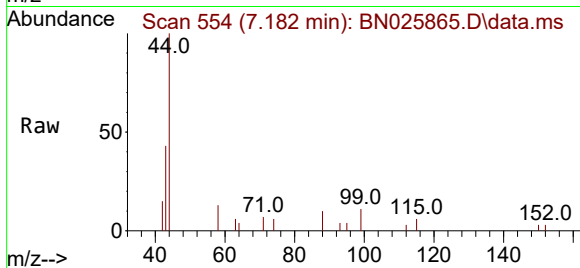




#5
Phenol-d6
Concen: 0.040 ng
RT: 7.182 min Scan# 51
Delta R.T. 0.029 min
Lab File: BN025865.D
Acq: 15 Jun 2023 19:20

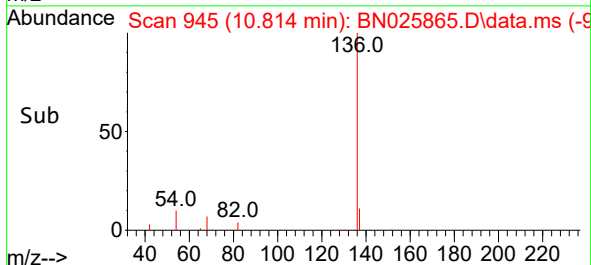
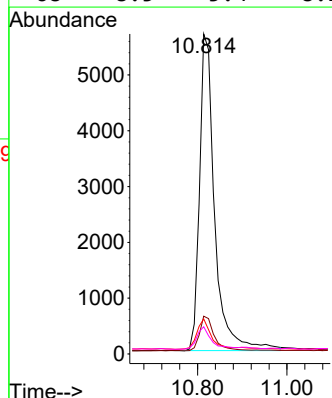
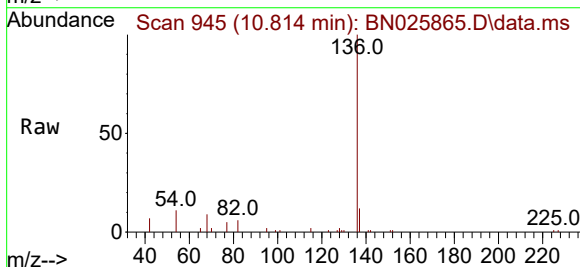
Instrument :
BNA_N
ClientSampleId :
EB-01-061223

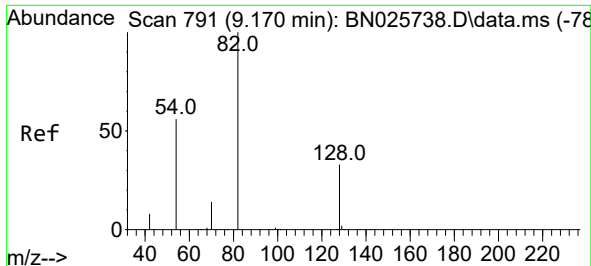
Tgt Ion: 99 Resp: 712
Ion Ratio Lower Upper
99 100
42 17.0 18.6 28.0#
71 31.2 30.5 45.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.814 min Scan# 945
Delta R.T. 0.000 min
Lab File: BN025865.D
Acq: 15 Jun 2023 19:20

Tgt Ion: 136 Resp: 13394
Ion Ratio Lower Upper
136 100
137 11.8 9.3 13.9
54 11.0 7.2 10.8#
68 8.5 5.4 8.2#

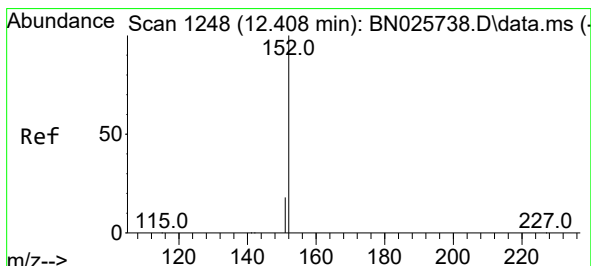
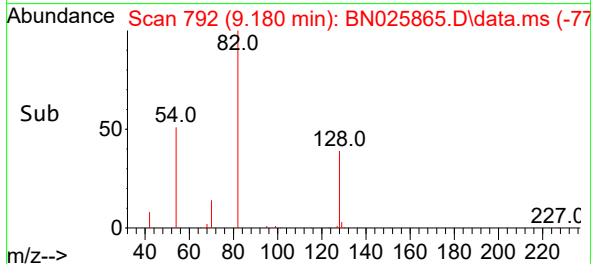
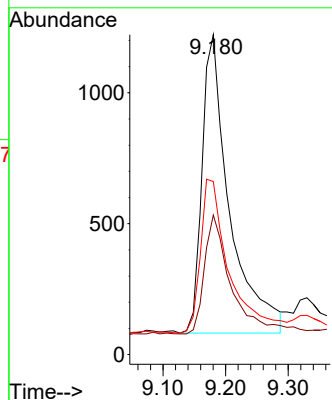
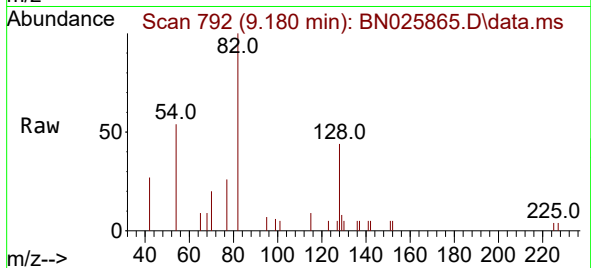




#8
Nitrobenzene-d5
Concen: 0.279 ng
RT: 9.180 min Scan# 791
Delta R.T. 0.021 min
Lab File: BN025865.D
Acq: 15 Jun 2023 19:20

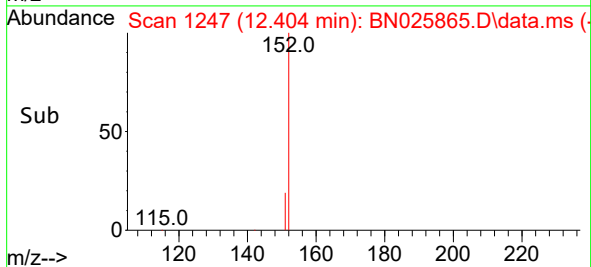
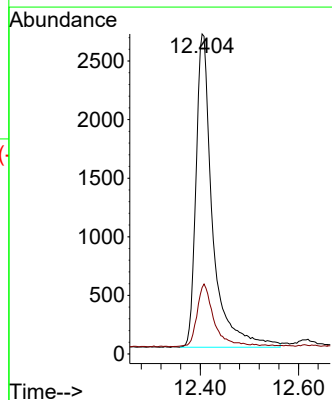
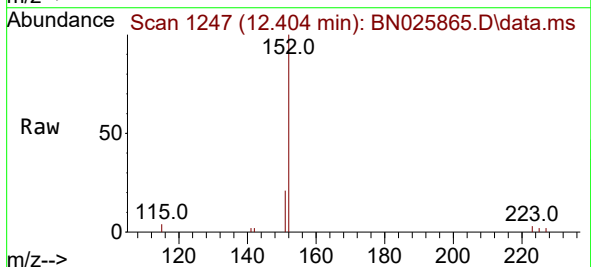
Instrument :
BNA_N
ClientSampleId :
EB-01-061223

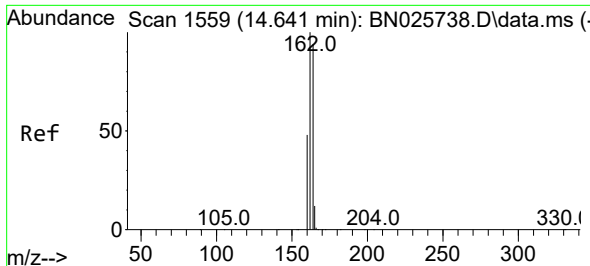
Tgt Ion: 82 Resp: 3477
Ion Ratio Lower Upper
82 100
128 43.6 27.6 41.4#
54 54.1 45.7 68.5



#11
2-Methylnaphthalene-d10
Concen: 0.324 ng
RT: 12.404 min Scan# 1247
Delta R.T. 0.008 min
Lab File: BN025865.D
Acq: 15 Jun 2023 19:20

Tgt Ion: 152 Resp: 6253
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6

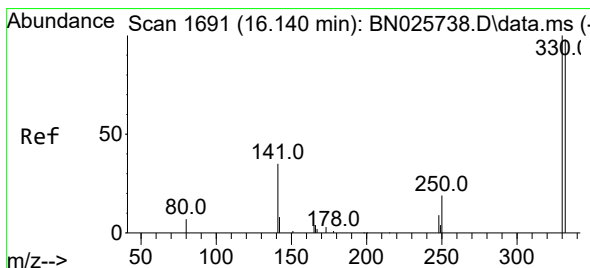
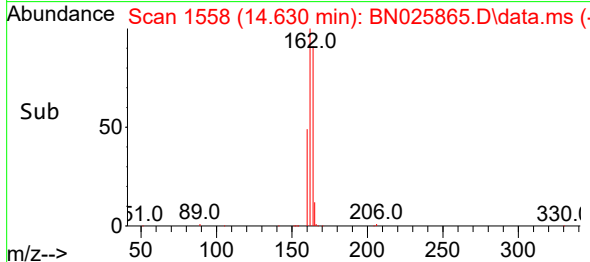
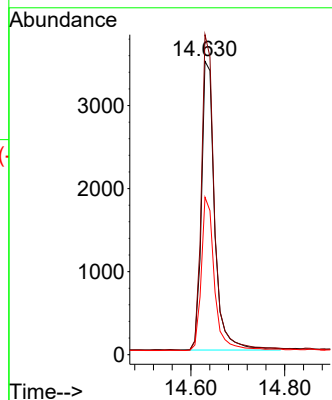
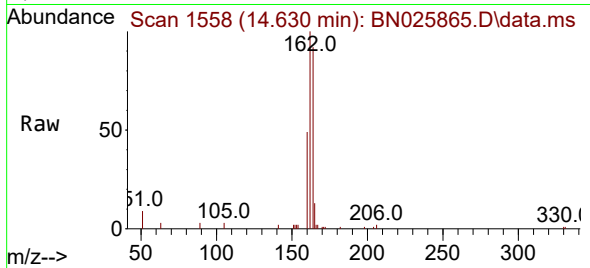




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.630 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BN025865.D
Acq: 15 Jun 2023 19:20

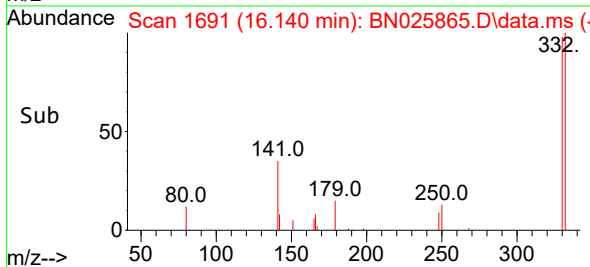
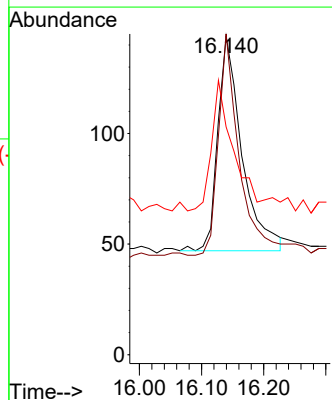
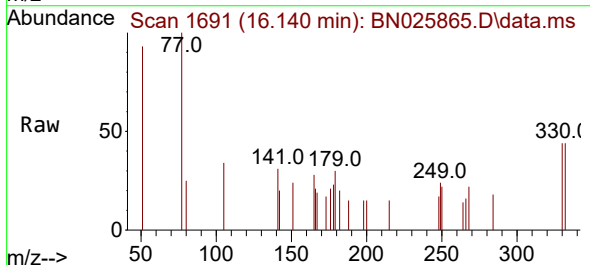
Instrument :
BNA_N
ClientSampleId :
EB-01-061223

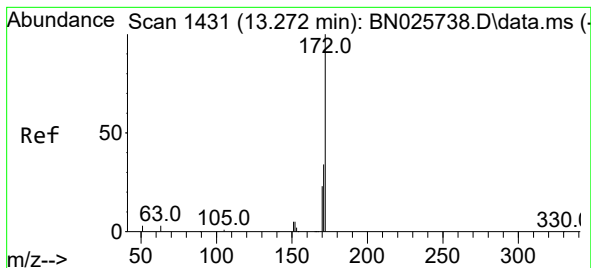
Tgt Ion:164 Resp: 6815
Ion Ratio Lower Upper
164 100
162 109.1 85.0 127.6
160 53.7 41.1 61.7



#14
2,4,6-Tribromophenol
Concen: 0.124 ng
RT: 16.140 min Scan# 1691
Delta R.T. 0.013 min
Lab File: BN025865.D
Acq: 15 Jun 2023 19:20

Tgt Ion:330 Resp: 261
Ion Ratio Lower Upper
330 100
332 88.9 77.3 115.9
141 55.2 55.0 82.6





#15

2-Fluorobiphenyl

Concen: 0.332 ng

RT: 13.272 min Scan# 1431

Delta R.T. 0.011 min

Lab File: BN025865.D

Acq: 15 Jun 2023 19:20

Instrument :

BNA_N

ClientSampleId :

EB-01-061223

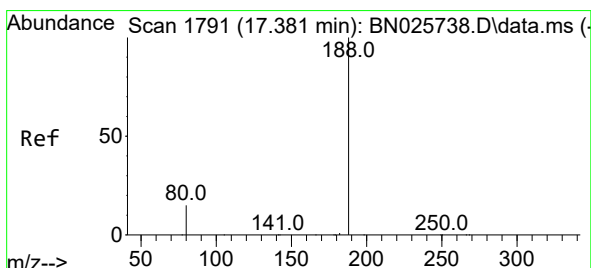
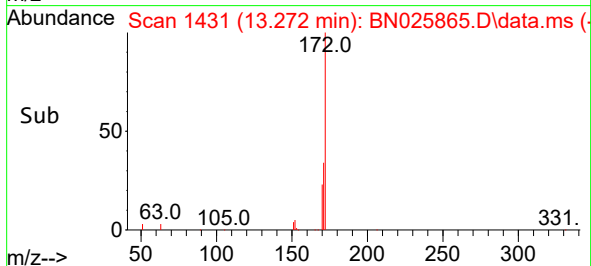
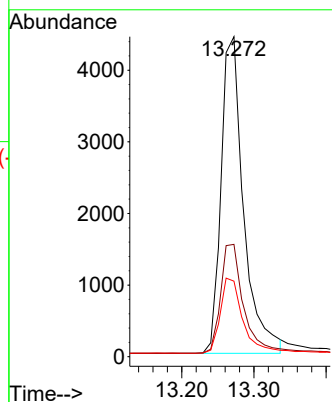
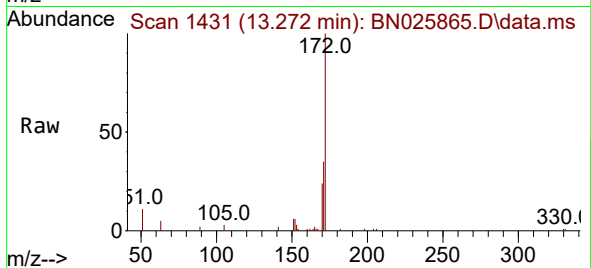
Tgt Ion:172 Resp: 9574

Ion Ratio Lower Upper

172 100

171 35.1 27.3 40.9

170 23.6 18.6 28.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.381 min Scan# 1791

Delta R.T. 0.000 min

Lab File: BN025865.D

Acq: 15 Jun 2023 19:20

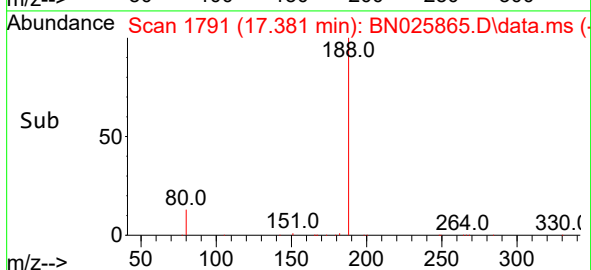
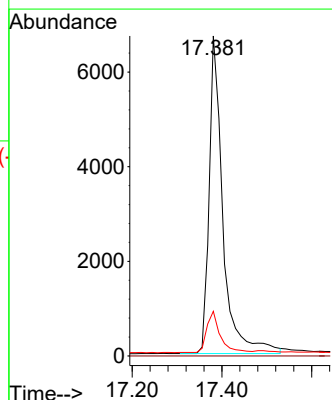
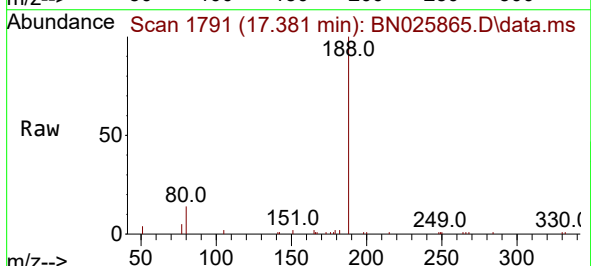
Tgt Ion:188 Resp: 14251

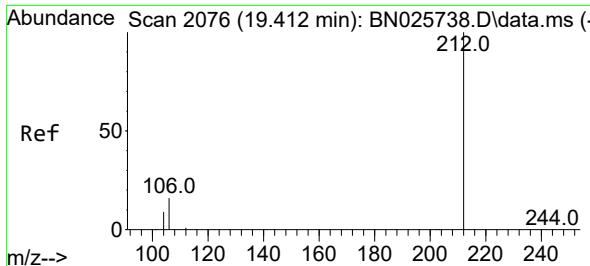
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.9 12.1 18.1

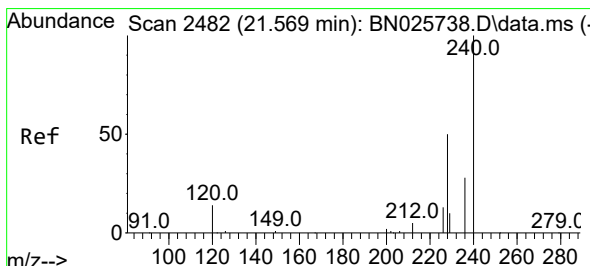
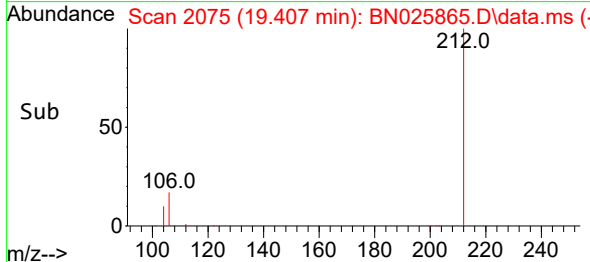
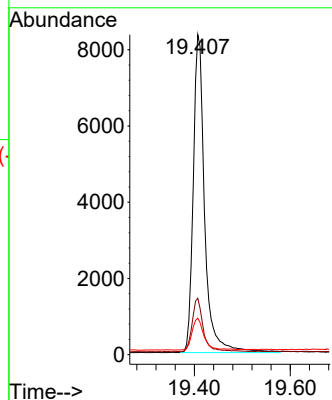
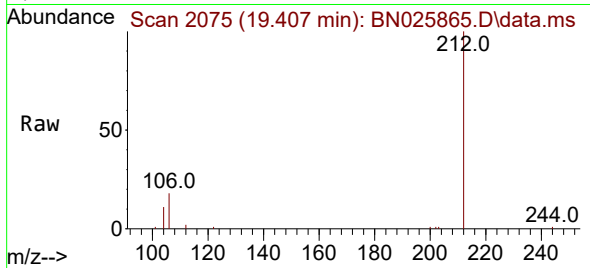




#27
Fluoranthene-d10
Concen: 0.472 ng
RT: 19.407 min Scan# 2076
Delta R.T. 0.005 min
Lab File: BN025865.D
Acq: 15 Jun 2023 19:20

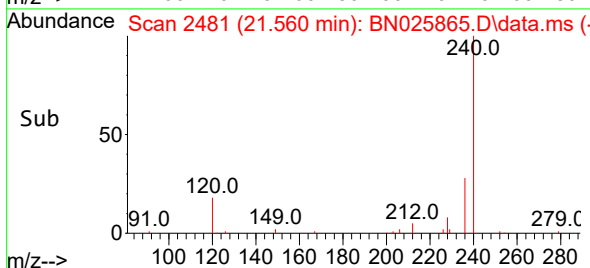
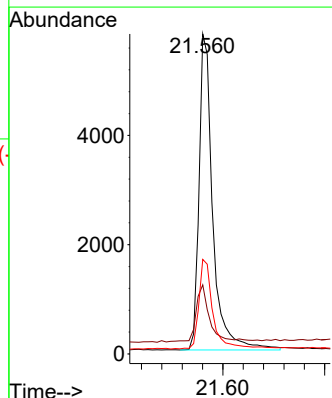
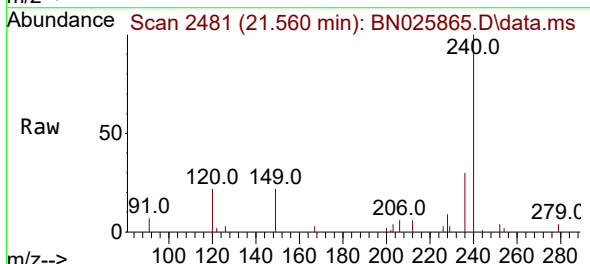
Instrument :
BNA_N
ClientSampleId :
EB-01-061223

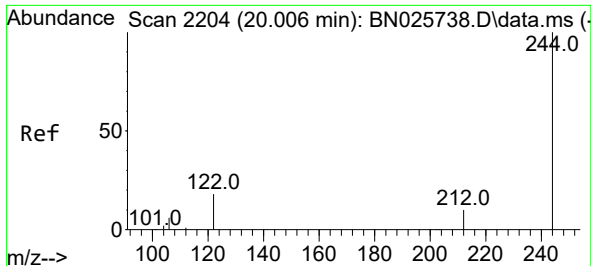
Tgt Ion:212 Resp: 13827
Ion Ratio Lower Upper
212 100
106 16.5 13.0 19.6
104 10.1 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.560 min Scan# 2481
Delta R.T. 0.000 min
Lab File: BN025865.D
Acq: 15 Jun 2023 19:20

Tgt Ion:240 Resp: 10826
Ion Ratio Lower Upper
240 100
120 21.6 13.2 19.8#
236 29.6 23.1 34.7

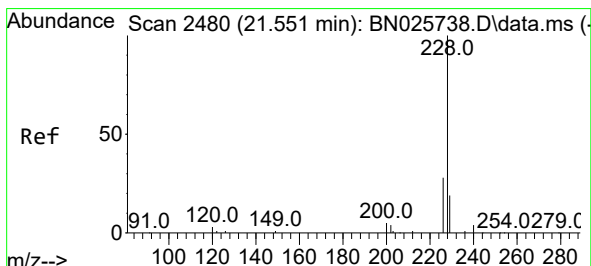
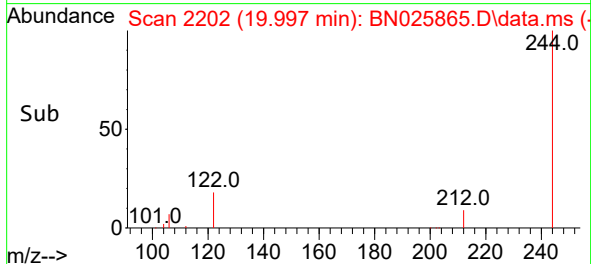
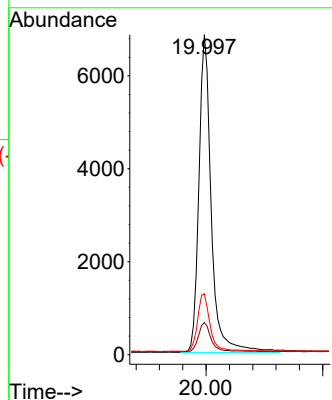
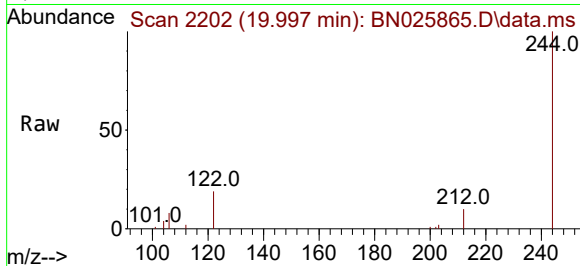




#31
 Terphenyl-d14
 Concen: 0.384 ng
 RT: 19.997 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN025865.D
 Acq: 15 Jun 2023 19:20

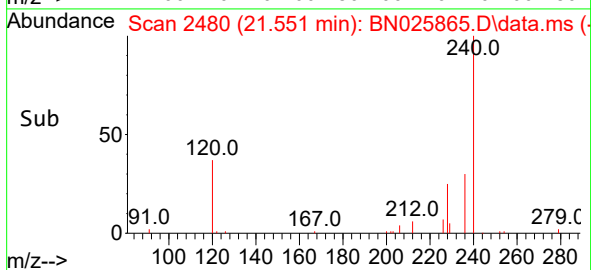
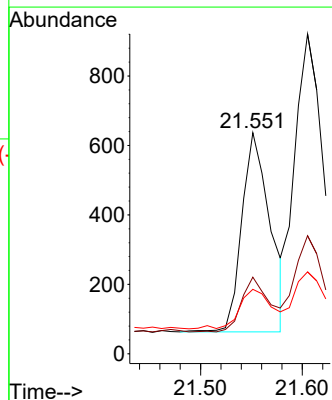
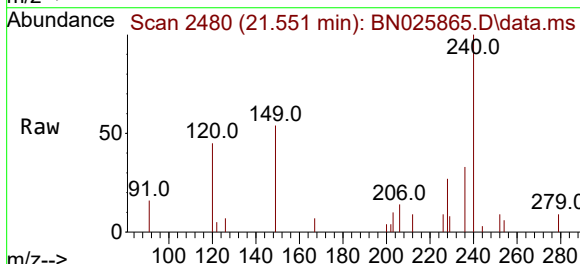
Instrument :
 BNA_N
 ClientSampleId :
 EB-01-061223

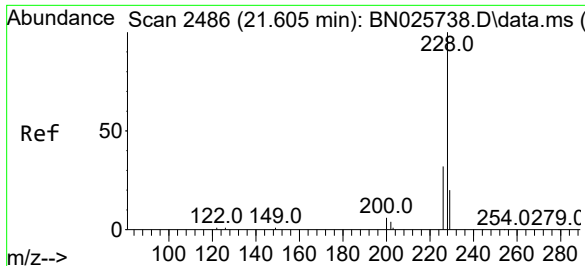
Tgt Ion:244 Resp: 10082
 Ion Ratio Lower Upper
 244 100
 212 10.1 8.6 12.8
 122 19.0 15.2 22.8



#32
 Benzo(a)anthracene
 Concen: 0.026 ng
 RT: 21.551 min Scan# 2480
 Delta R.T. 0.009 min
 Lab File: BN025865.D
 Acq: 15 Jun 2023 19:20

Tgt Ion:228 Resp: 1106
 Ion Ratio Lower Upper
 228 100
 226 34.7 22.9 34.3#
 229 29.2 15.6 23.4#

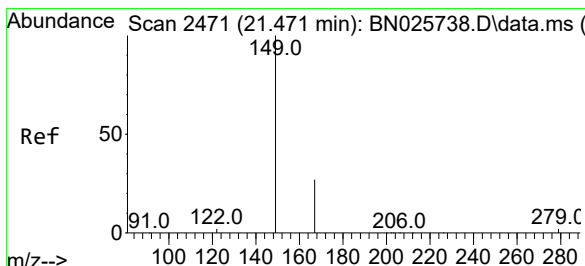
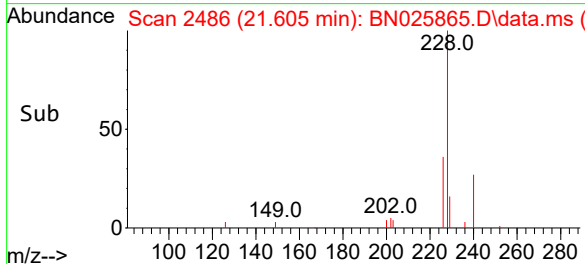
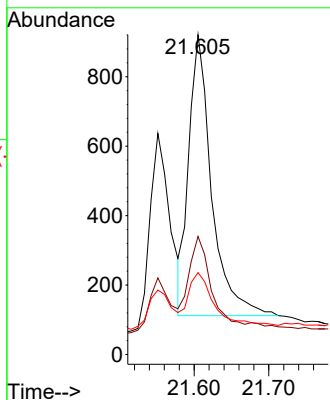
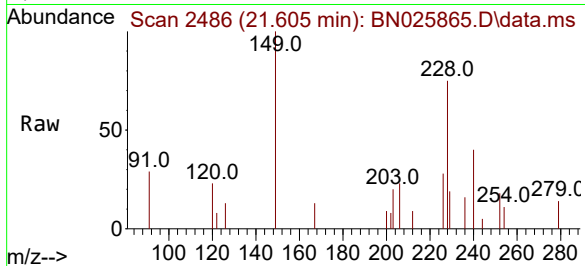




#33
Chrysene
Concen: 0.039 ng
RT: 21.605 min Scan# 2486
Delta R.T. 0.009 min
Lab File: BN025865.D
Acq: 15 Jun 2023 19:20

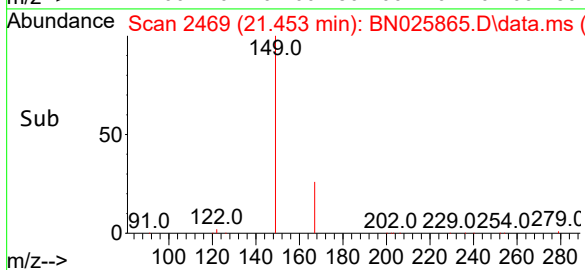
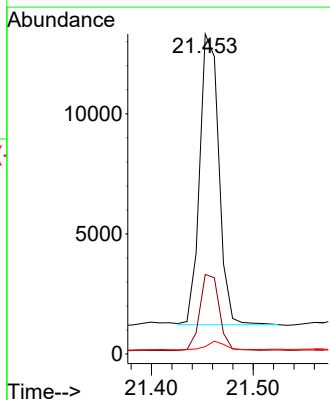
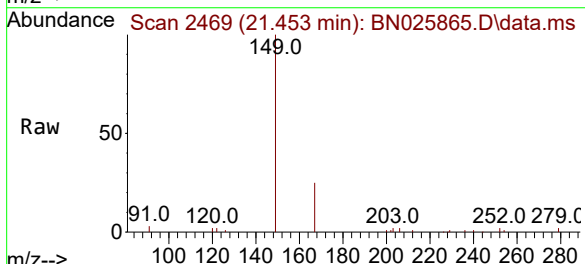
Instrument :
BNA_N
ClientSampleId :
EB-01-061223

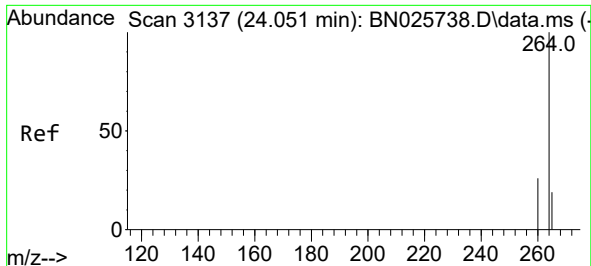
Tgt Ion:228 Resp: 1723
Ion Ratio Lower Upper
228 100
226 36.9 25.4 38.2
229 25.6 16.1 24.1#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.635 ng
RT: 21.453 min Scan# 2469
Delta R.T. -0.009 min
Lab File: BN025865.D
Acq: 15 Jun 2023 19:20

Tgt Ion:149 Resp: 15803
Ion Ratio Lower Upper
149 100
167 26.6 21.0 31.6
279 2.8 2.2 3.4

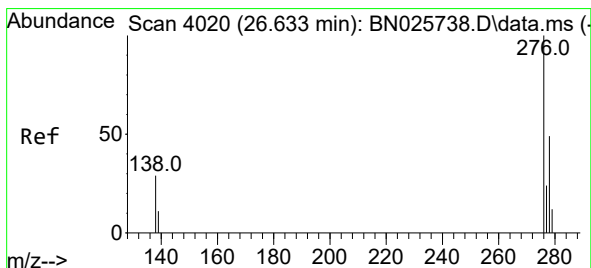
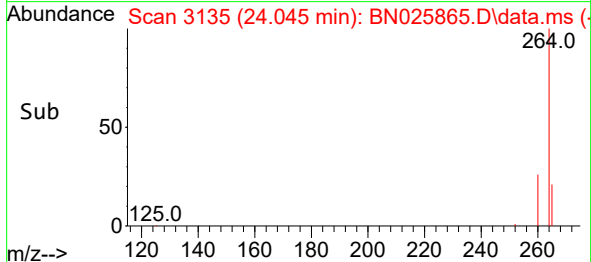
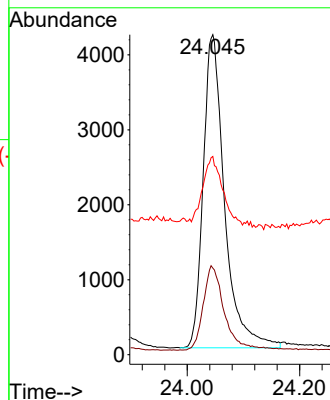
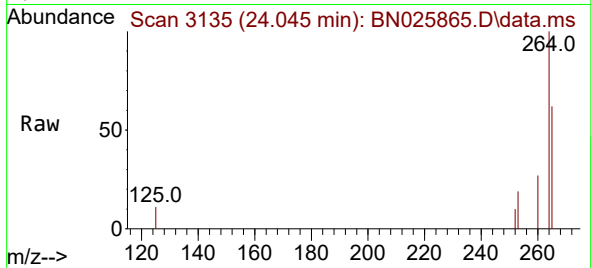




#35
Perylene-d12
Concen: 0.400 ng
RT: 24.045 min Scan# 31
Delta R.T. -0.003 min
Lab File: BN025865.D
Acq: 15 Jun 2023 19:20

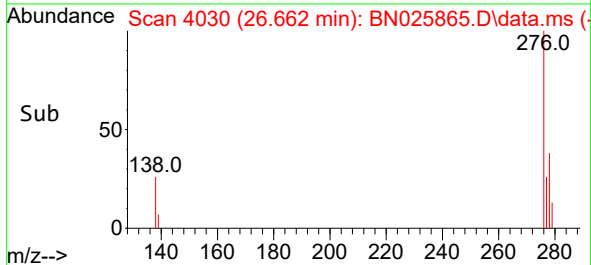
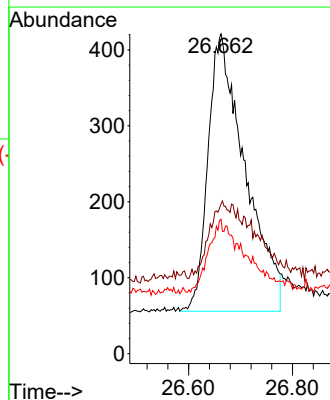
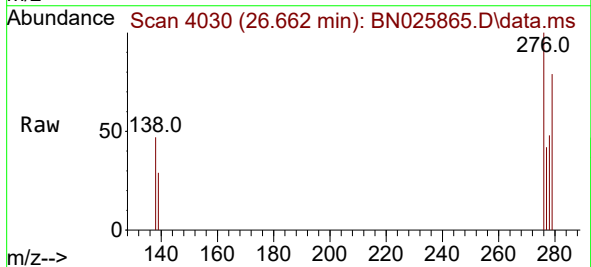
Instrument :
BNA_N
ClientSampleId :
EB-01-061223

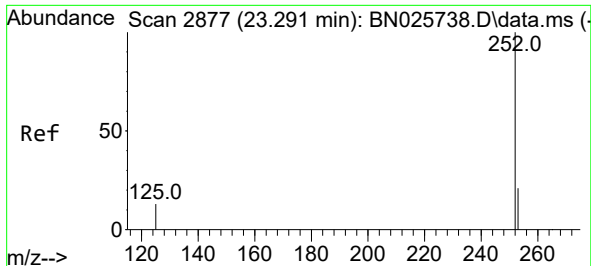
Tgt Ion:264 Resp: 11021
Ion Ratio Lower Upper
264 100
260 27.1 21.4 32.2
265 61.9 44.7 67.1



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.038 ng
RT: 26.662 min Scan# 4030
Delta R.T. 0.021 min
Lab File: BN025865.D
Acq: 15 Jun 2023 19:20

Tgt Ion:276 Resp: 1810
Ion Ratio Lower Upper
276 100
138 13.5 26.1 39.1#
277 10.6 19.4 29.2#

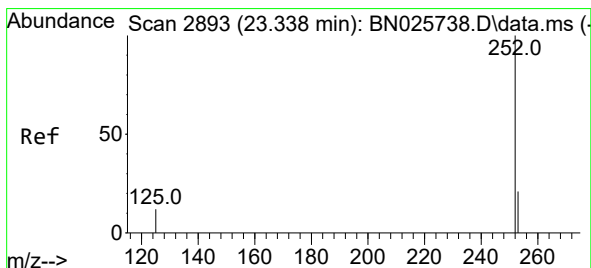
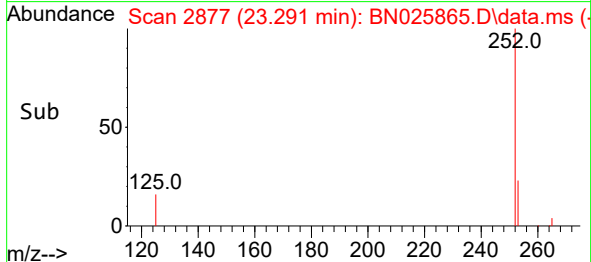
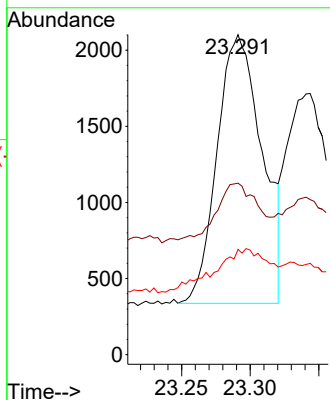
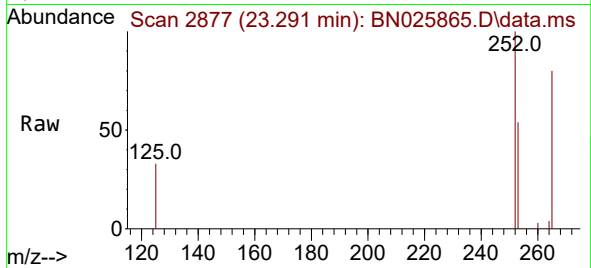




#37
Benzo(b)fluoranthene
Concen: 0.092 ng
RT: 23.291 min Scan# 2877
Delta R.T. 0.009 min
Lab File: BN025865.D
Acq: 15 Jun 2023 19:20

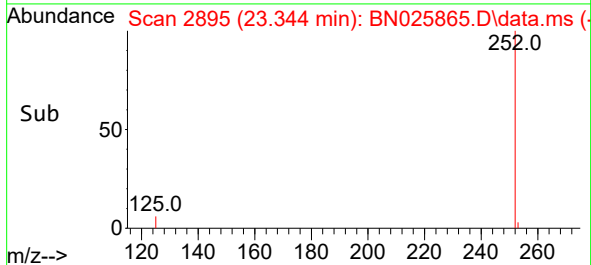
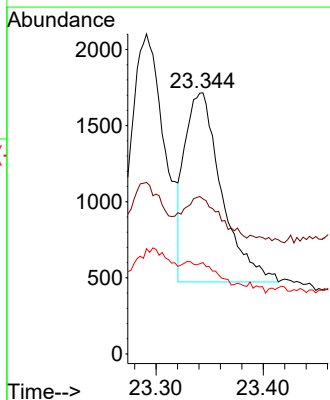
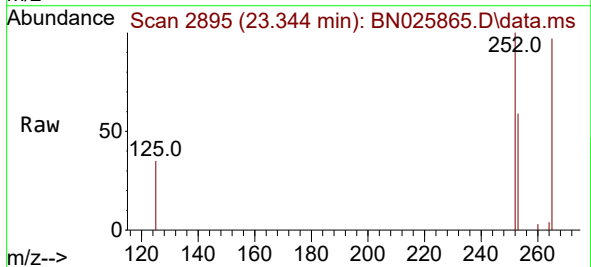
Instrument :
BNA_N
ClientSampleId :
EB-01-061223

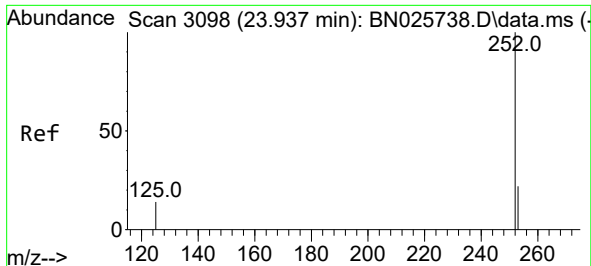
Tgt Ion:252 Resp: 4019
Ion Ratio Lower Upper
252 100
253 53.6 23.4 35.0#
125 32.9 12.3 18.5#



#38
Benzo(k)fluoranthene
Concen: 0.067 ng
RT: 23.344 min Scan# 2895
Delta R.T. 0.015 min
Lab File: BN025865.D
Acq: 15 Jun 2023 19:20

Tgt Ion:252 Resp: 2966
Ion Ratio Lower Upper
252 100
253 59.4 24.2 36.4#
125 35.0 12.2 18.2#





#39

Benzo(a)pyrene

Concen: 0.035 ng

RT: 23.946 min Scan# 3101

Delta R.T. 0.009 min

Lab File: BN025865.D

Acq: 15 Jun 2023 19:20

Instrument :

BNA_N

ClientSampleId :

EB-01-061223

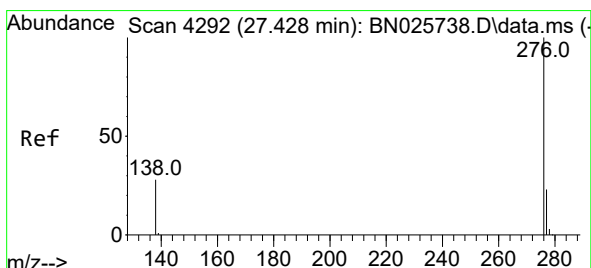
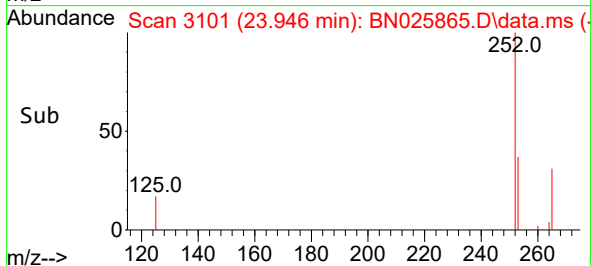
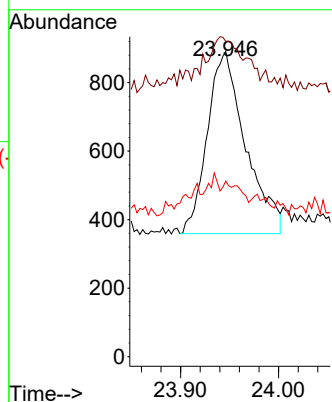
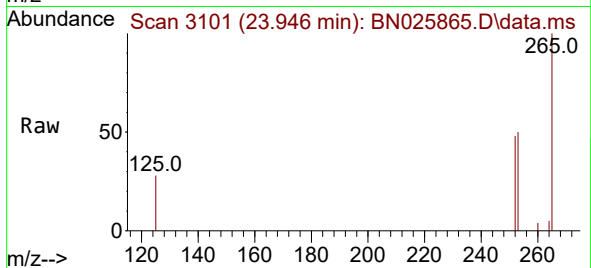
Tgt Ion:252 Resp: 1441

Ion Ratio Lower Upper

252 100

253 103.3 27.5 41.3#

125 57.6 14.6 21.8#



#41

Benzo(g,h,i)perylene

Concen: 0.044 ng

RT: 27.454 min Scan# 4301

Delta R.T. 0.009 min

Lab File: BN025865.D

Acq: 15 Jun 2023 19:20

Tgt Ion:276 Resp: 1897

Ion Ratio Lower Upper

276 100

277 37.3 20.2 30.2#

138 44.0 24.2 36.4#

