

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061523\
 Data File : BN025864.D
 Acq On : 15 Jun 2023 18:43
 Operator : MA/JU
 Sample : 03173-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB-01-061223

Quant Time: Jun 16 01:46:57 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)

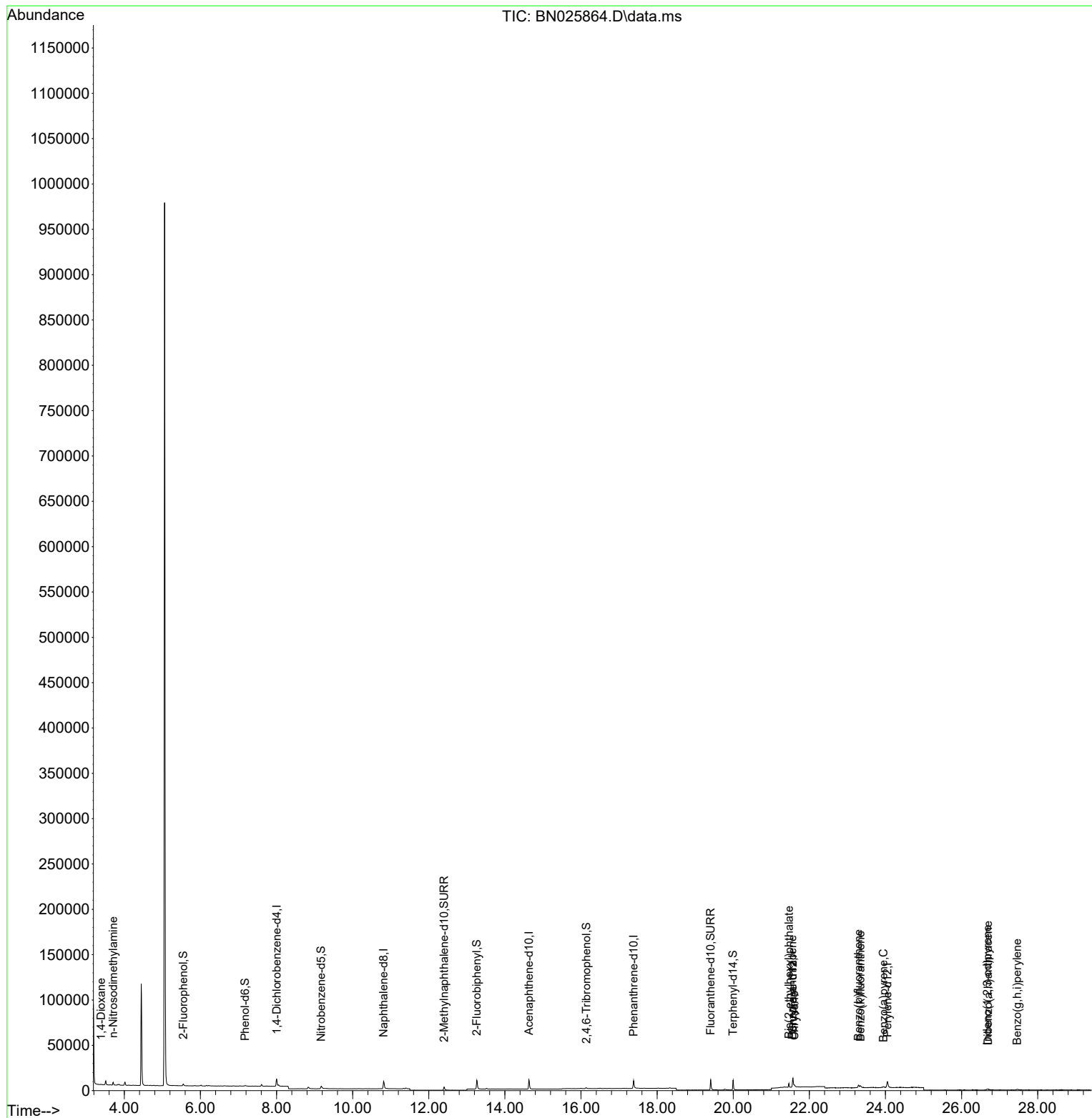
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	5212	0.400	ng	0.00
7) Naphthalene-d8	10.814	136	13358	0.400	ng	0.00
13) Acenaphthene-d10	14.630	164	6906	0.400	ng	0.00
19) Phenanthrene-d10	17.381	188	13808	0.400	ng	0.00
29) Chrysene-d12	21.569	240	10986	0.400	ng	0.00
35) Perylene-d12	24.051	264	11030	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.549	112	1724	0.118	ng	0.01
5) Phenol-d6	7.174	99	1040	0.058	ng	0.02
8) Nitrobenzene-d5	9.169	82	3825	0.308	ng	0.01
11) 2-Methylnaphthalene-d10	12.400	152	6719	0.349	ng	0.00
14) 2,4,6-Tribromophenol	16.139	330	711	0.334	ng	0.01
15) 2-Fluorobiphenyl	13.261	172	10327	0.354	ng	0.00
27) Fluoranthene-d10	19.407	212	14049	0.495	ng	0.00
31) Terphenyl-d14	19.997	244	11316	0.425	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.390	88	248	0.041	ng	# 17
3) n-Nitrosodimethylamine	3.707	42	228	0.029	ng	# 1
32) Benzo(a)anthracene	21.551	228	1240	0.029	ng	# 85
33) Chrysene	21.605	228	2023	0.045	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.462	149	4215	0.167	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.679	276	1865	0.039	ng	# 66
37) Benzo(b)fluoranthene	23.291	252	4271	0.098	ng	# 64
38) Benzo(k)fluoranthene	23.341	252	3432	0.077	ng	# 51
39) Benzo(a)pyrene	23.946	252	1784	0.043	ng	# 1
40) Dibenzo(a,h)anthracene	26.694	278	1166	0.030	ng	# 11
41) Benzo(g,h,i)perylene	27.457	276	994	0.023	ng	# 79

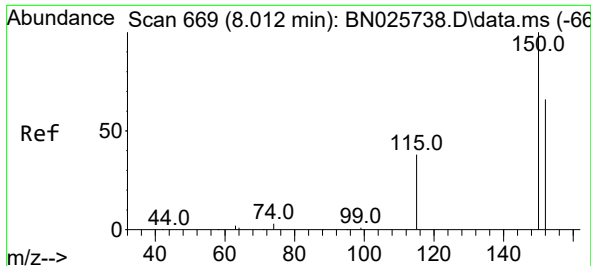
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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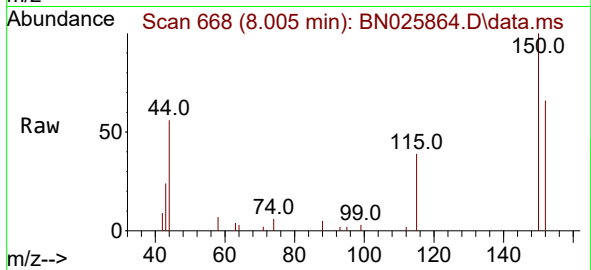
Quant Time: Jun 16 01:46:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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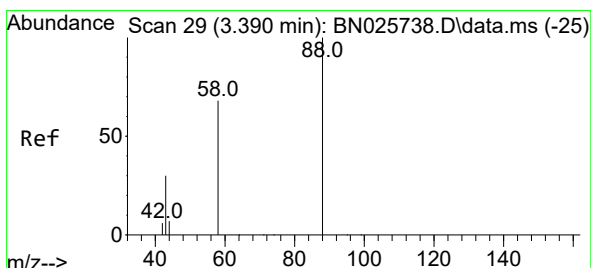
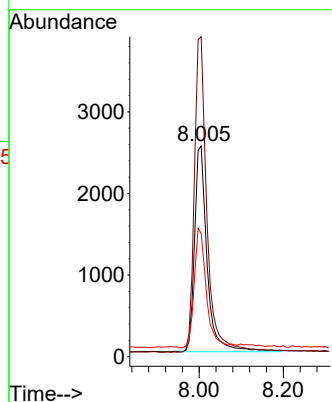
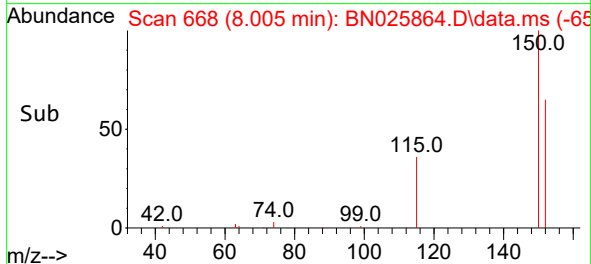


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.005 min Scan# 669
Delta R.T. 0.007 min
Lab File: BN025864.D
Acq: 15 Jun 2023 18:43

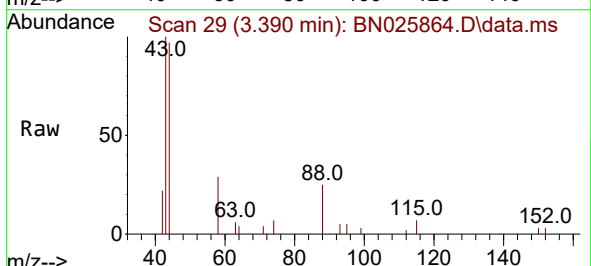
Instrument :
BNA_N
ClientSampleId :
FB-01-061223



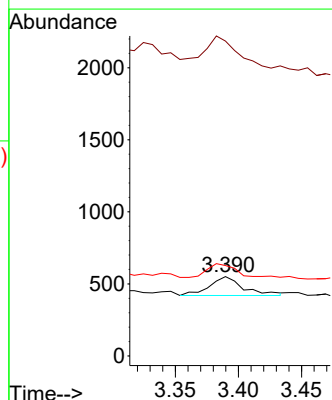
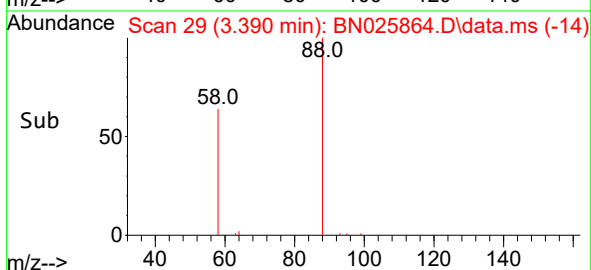
Tgt Ion:152 Resp: 5212
Ion Ratio Lower Upper
152 100
150 152.0 121.5 182.3
115 58.5 47.7 71.5

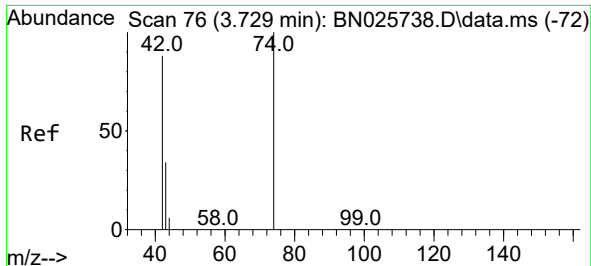


#2
1,4-Dioxane
Concen: 0.041 ng
RT: 3.390 min Scan# 29
Delta R.T. 0.007 min
Lab File: BN025864.D
Acq: 15 Jun 2023 18:43



Tgt Ion: 88 Resp: 248
Ion Ratio Lower Upper
88 100
43 166.5 31.0 46.4#
58 59.3 57.3 85.9

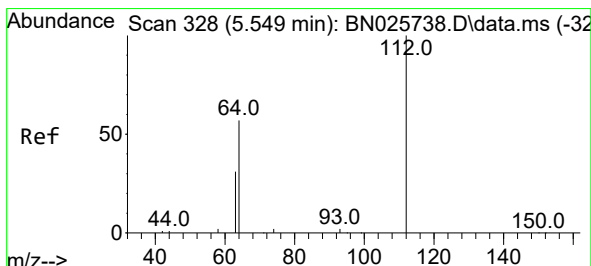
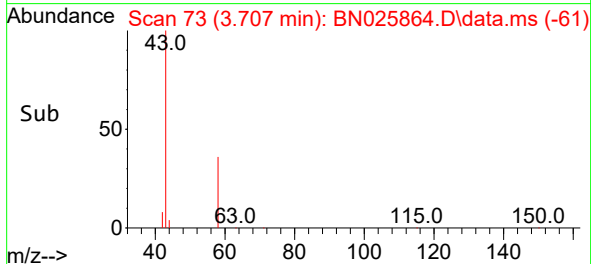
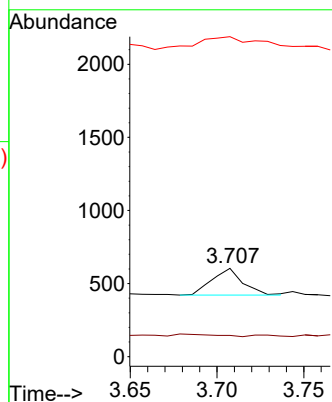
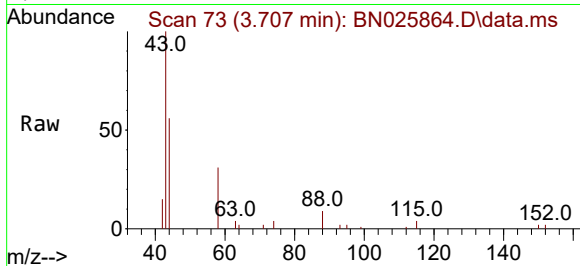




#3
n-Nitrosodimethylamine
Concen: 0.029 ng
RT: 3.707 min Scan# 71
Delta R.T. -0.015 min
Lab File: BN025864.D
Acq: 15 Jun 2023 18:43

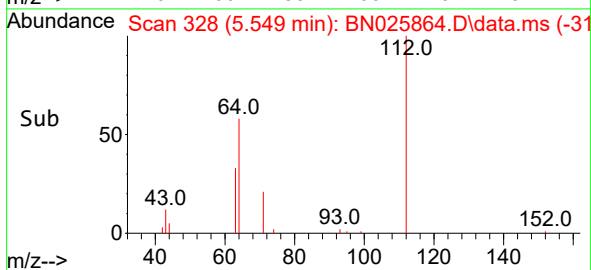
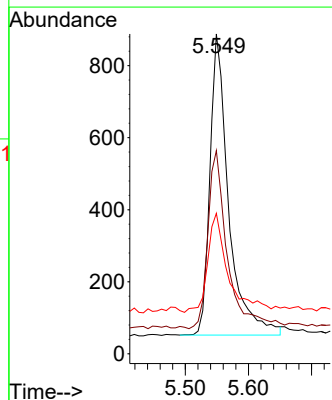
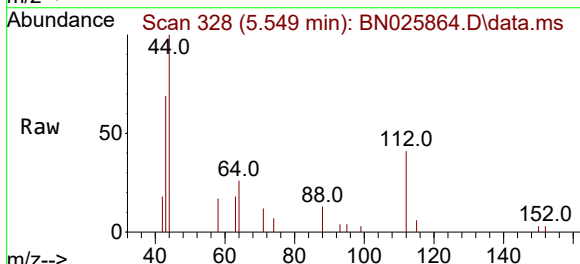
Instrument :
BNA_N
ClientSampleId :
FB-01-061223

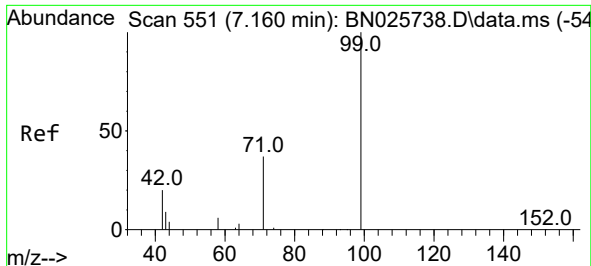
Tgt Ion: 42 Resp: 228
Ion Ratio Lower Upper
42 100
74 5.7 90.5 135.7#
44 114.0 4.4 6.6#



#4
2-Fluorophenol
Concen: 0.118 ng
RT: 5.549 min Scan# 328
Delta R.T. 0.014 min
Lab File: BN025864.D
Acq: 15 Jun 2023 18:43

Tgt Ion: 112 Resp: 1724
Ion Ratio Lower Upper
112 100
64 61.9 47.5 71.3
63 35.7 26.2 39.4

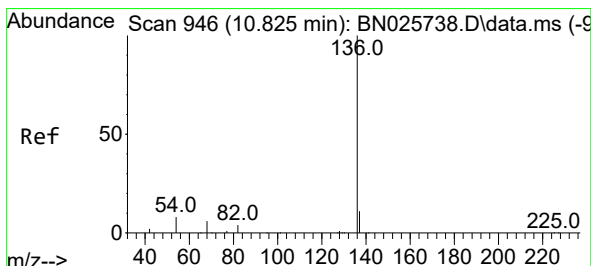
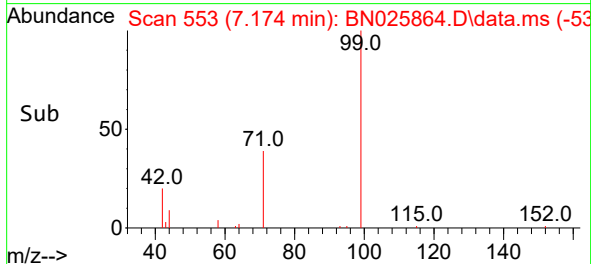
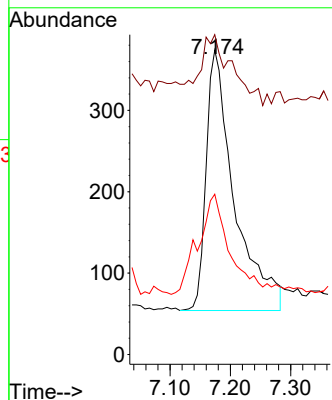
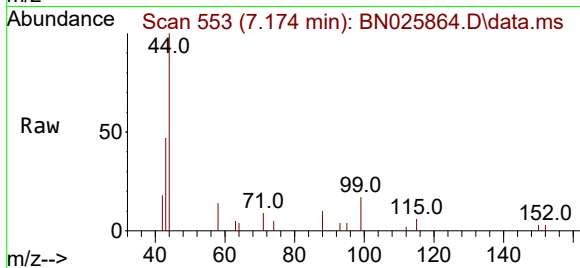




#5
Phenol-d6
Concen: 0.058 ng
RT: 7.174 min Scan# 51
Delta R.T. 0.022 min
Lab File: BN025864.D
Acq: 15 Jun 2023 18:43

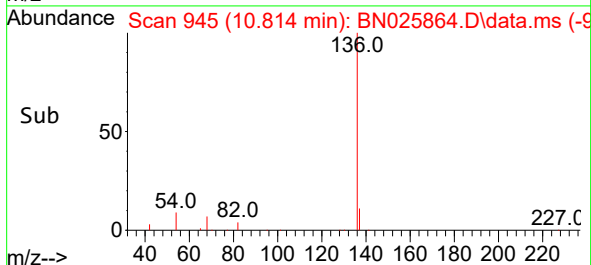
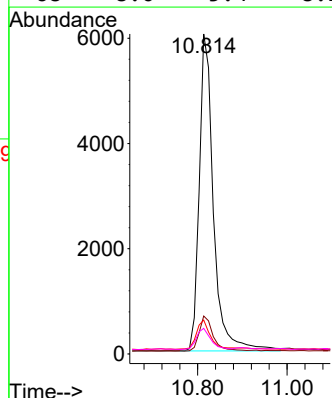
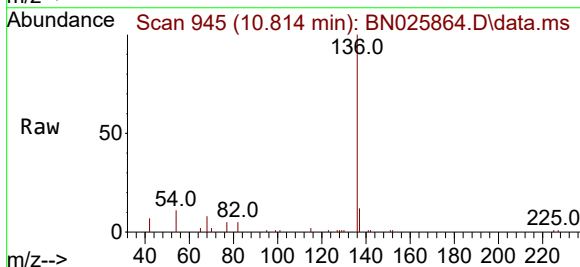
Instrument :
BNA_N
ClientSampleId :
FB-01-061223

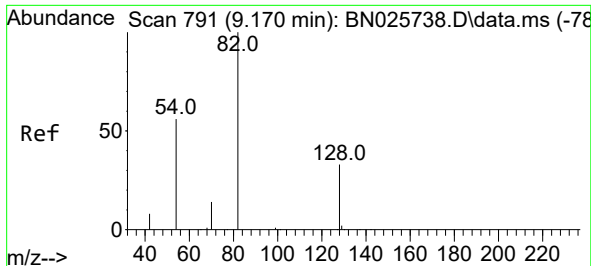
Tgt Ion: 99 Resp: 1040
Ion Ratio Lower Upper
99 100
42 28.9 18.6 28.0#
71 42.5 30.5 45.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.814 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN025864.D
Acq: 15 Jun 2023 18:43

Tgt Ion: 136 Resp: 13358
Ion Ratio Lower Upper
136 100
137 11.8 9.3 13.9
54 10.6 7.2 10.8
68 8.0 5.4 8.2

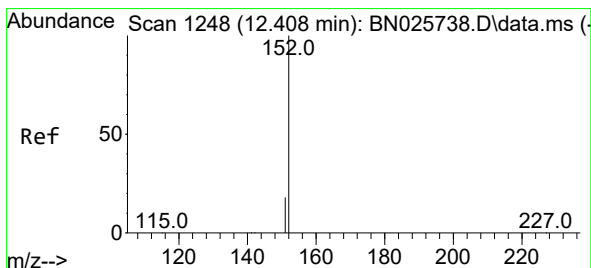
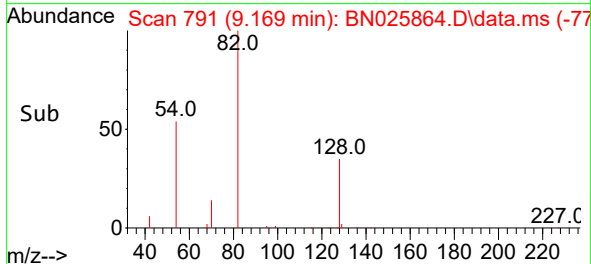
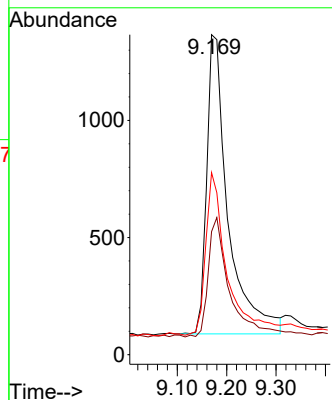
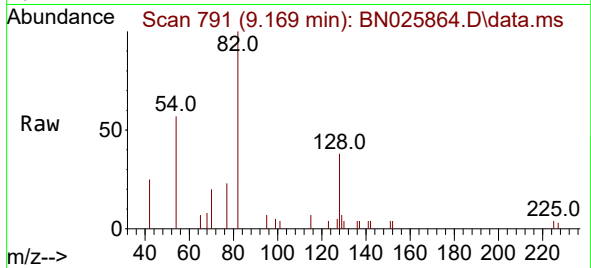




#8
Nitrobenzene-d5
Concen: 0.308 ng
RT: 9.169 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN025864.D
Acq: 15 Jun 2023 18:43

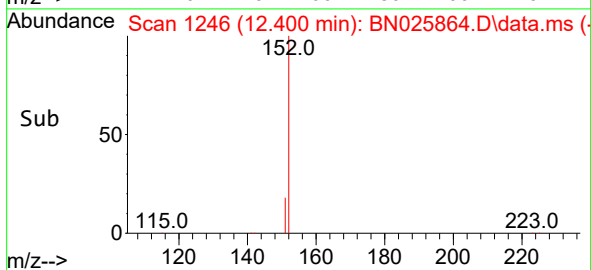
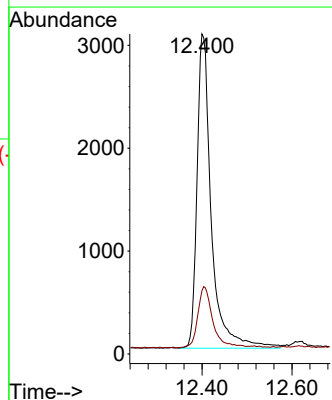
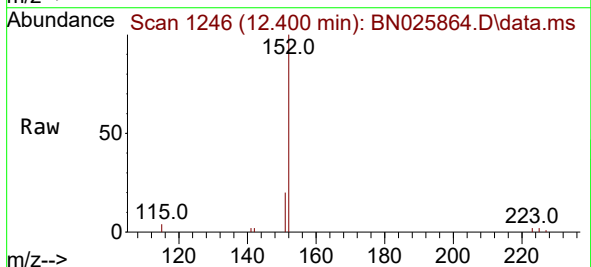
Instrument :
BNA_N
ClientSampleId :
FB-01-061223

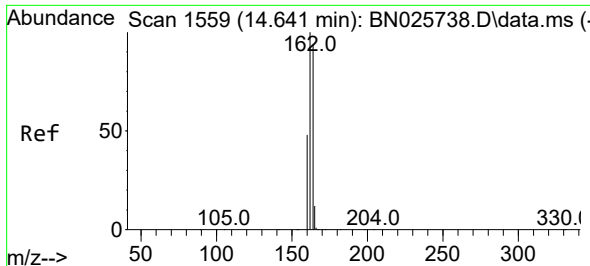
Tgt Ion: 82 Resp: 3825
Ion Ratio Lower Upper
82 100
128 38.4 27.6 41.4
54 56.9 45.7 68.5



#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 12.400 min Scan# 1246
Delta R.T. 0.004 min
Lab File: BN025864.D
Acq: 15 Jun 2023 18:43

Tgt Ion: 152 Resp: 6719
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6

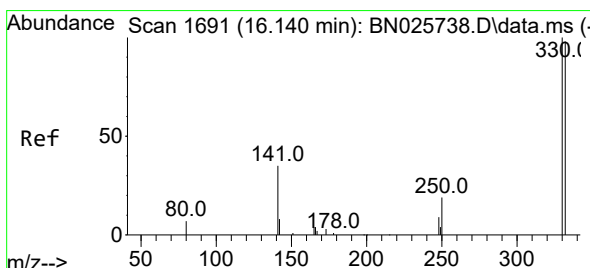
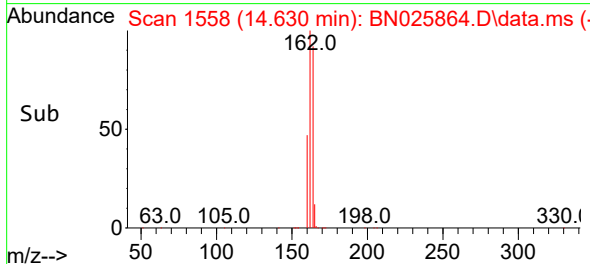
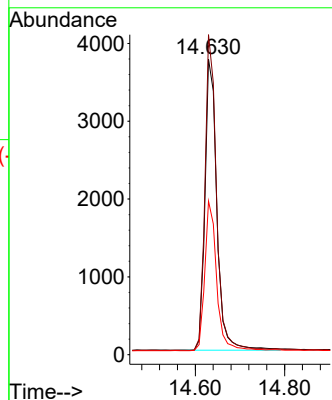
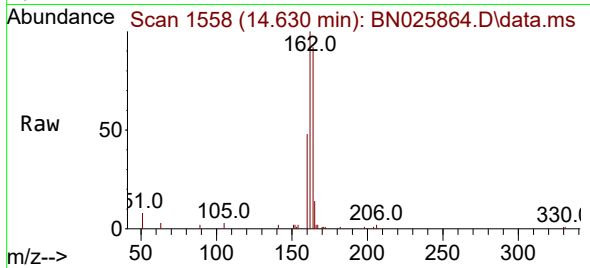




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.630 min Scan# 1558
Delta R.T. -0.000 min
Lab File: BN025864.D
Acq: 15 Jun 2023 18:43

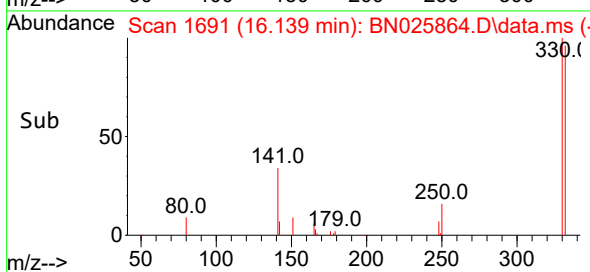
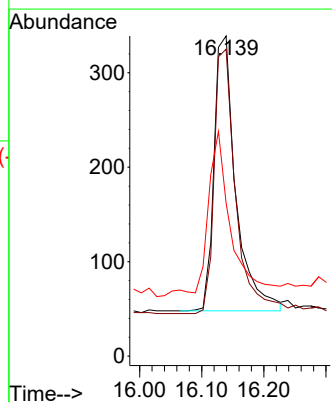
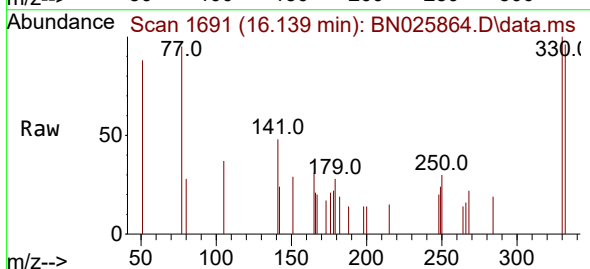
Instrument :
BNA_N
ClientSampleId :
FB-01-061223

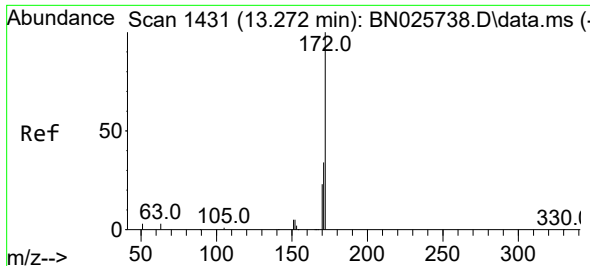
Tgt Ion:164 Resp: 6906
Ion Ratio Lower Upper
164 100
162 108.3 85.0 127.6
160 52.0 41.1 61.7



#14
2,4,6-Tribromophenol
Concen: 0.334 ng
RT: 16.139 min Scan# 1691
Delta R.T. 0.012 min
Lab File: BN025864.D
Acq: 15 Jun 2023 18:43

Tgt Ion:330 Resp: 711
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 55.0 55.0 82.6#

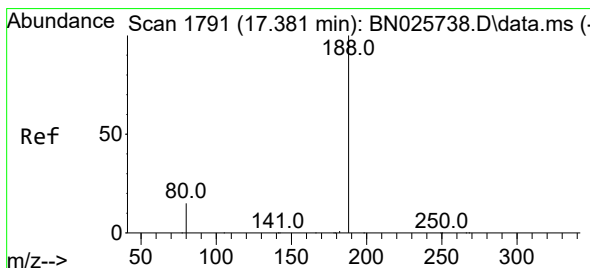
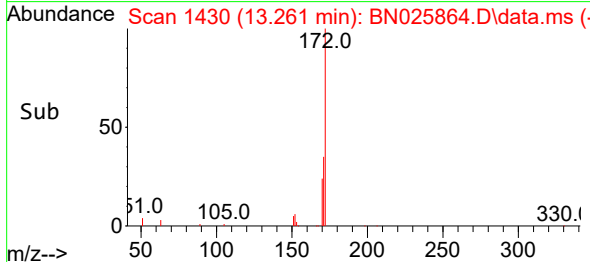
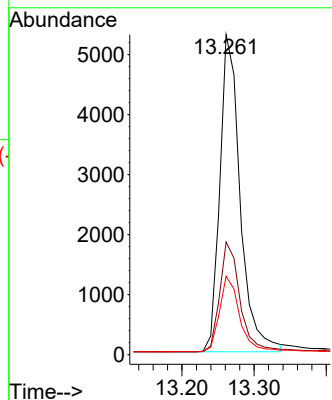
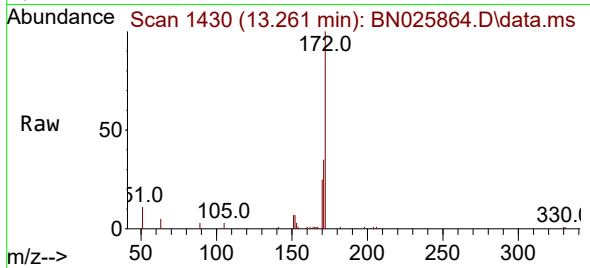




#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 13.261 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BN025864.D
Acq: 15 Jun 2023 18:43

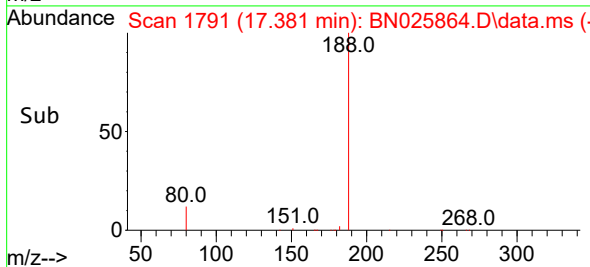
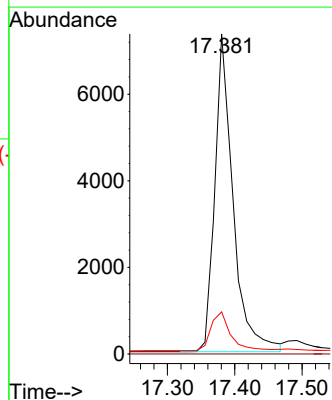
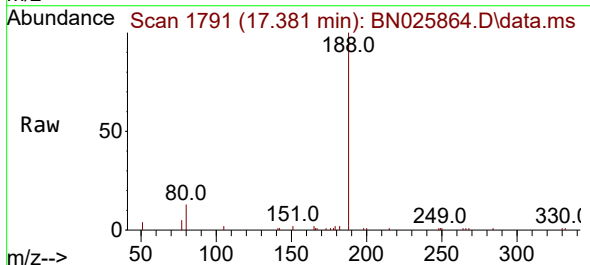
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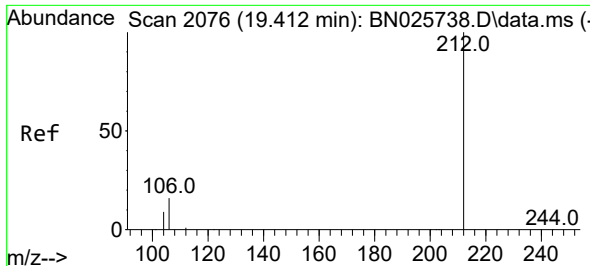
Tgt Ion:172	Resp:	10327
Ion Ratio	Lower	Upper
172	100	
171	35.2	27.3 40.9
170	24.5	18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.381 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BN025864.D
Acq: 15 Jun 2023 18:43

Tgt Ion:188	Resp:	13808
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	13.2	12.1 18.1

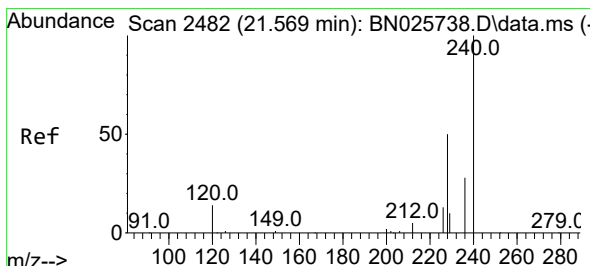
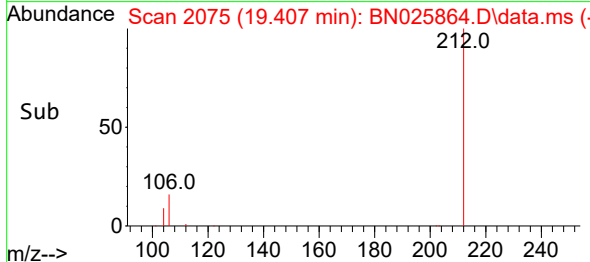
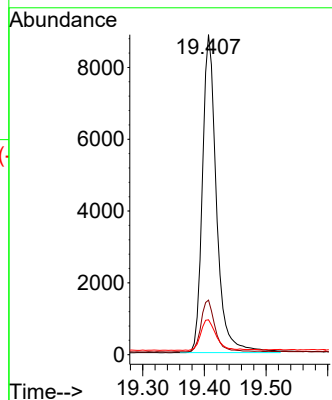
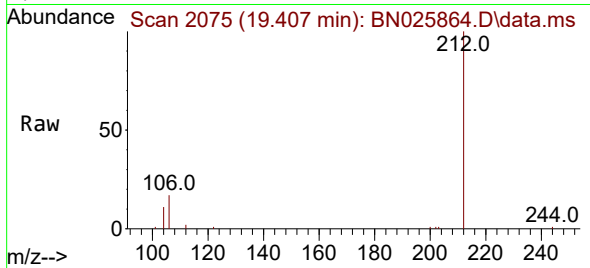




#27
Fluoranthene-d10
Concen: 0.495 ng
RT: 19.407 min Scan# 2075
Delta R.T. 0.005 min
Lab File: BN025864.D
Acq: 15 Jun 2023 18:43

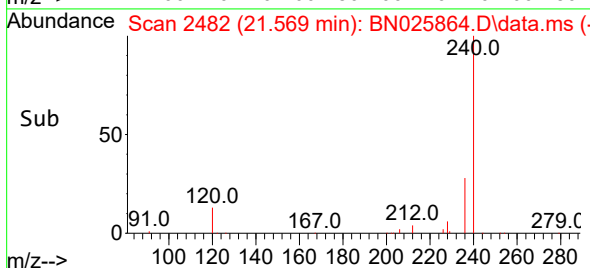
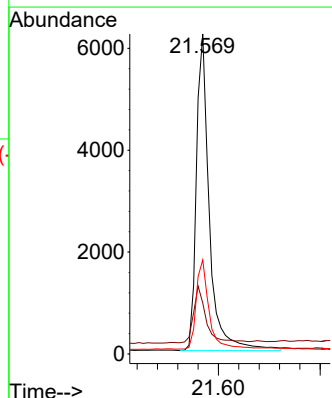
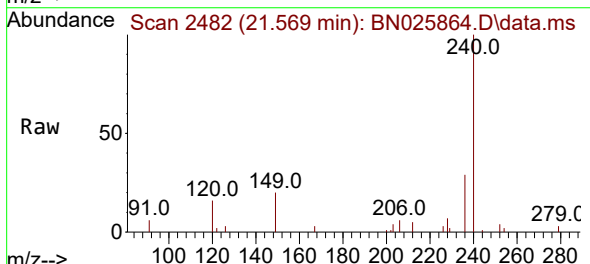
Instrument :
BNA_N
ClientSampleId :
FB-01-061223

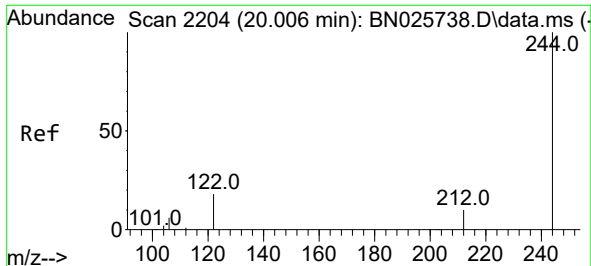
Tgt Ion:212 Resp: 14049
Ion Ratio Lower Upper
212 100
106 16.2 13.0 19.6
104 10.4 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.569 min Scan# 2482
Delta R.T. 0.009 min
Lab File: BN025864.D
Acq: 15 Jun 2023 18:43

Tgt Ion:240 Resp: 10986
Ion Ratio Lower Upper
240 100
120 15.9 13.2 19.8
236 29.4 23.1 34.7

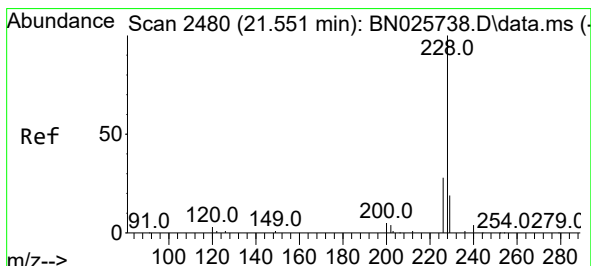
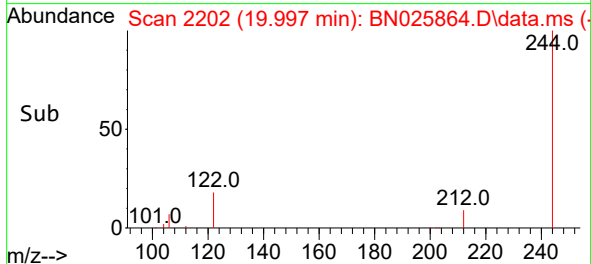
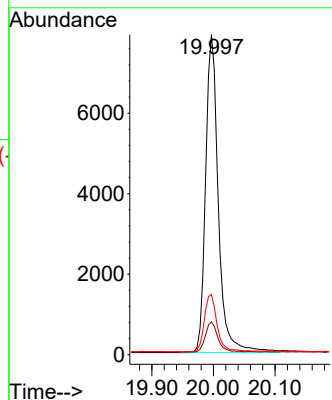
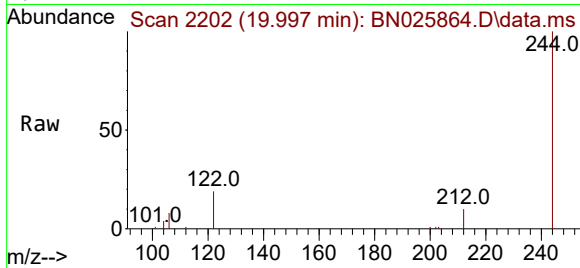




#31
Terphenyl-d14
Concen: 0.425 ng
RT: 19.997 min Scan# 211
Delta R.T. -0.000 min
Lab File: BN025864.D
Acq: 15 Jun 2023 18:43

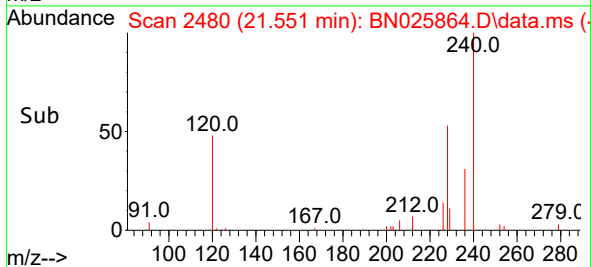
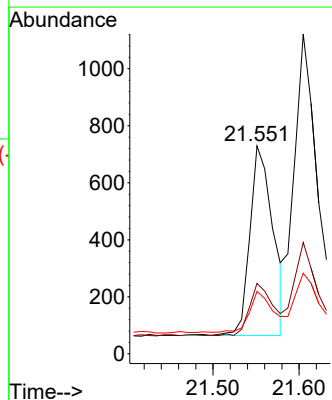
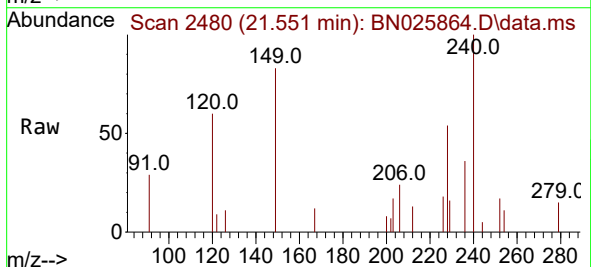
Instrument :
BNA_N
ClientSampleId :
FB-01-061223

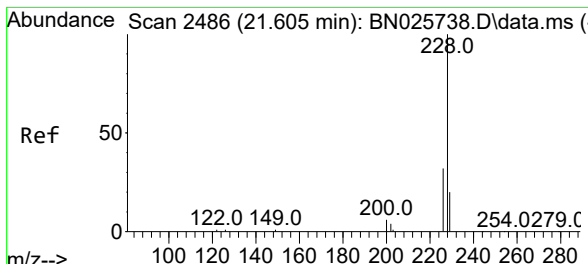
Tgt Ion:244 Resp: 11316
Ion Ratio Lower Upper
244 100
212 10.3 8.6 12.8
122 18.9 15.2 22.8



#32
Benzo(a)anthracene
Concen: 0.029 ng
RT: 21.551 min Scan# 2480
Delta R.T. 0.009 min
Lab File: BN025864.D
Acq: 15 Jun 2023 18:43

Tgt Ion:228 Resp: 1240
Ion Ratio Lower Upper
228 100
226 33.9 22.9 34.3
229 30.0 15.6 23.4#





#33

Chrysene

Concen: 0.045 ng

RT: 21.605 min Scan# 2486

Delta R.T. 0.009 min

Lab File: BN025864.D

Acq: 15 Jun 2023 18:43

Instrument :

BNA_N

ClientSampleId :

FB-01-061223

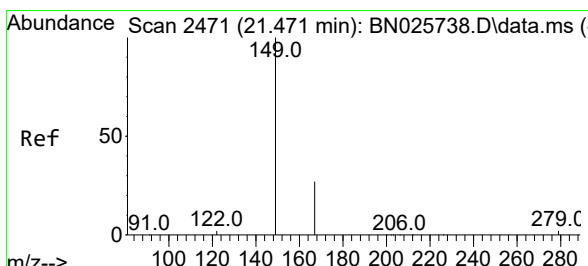
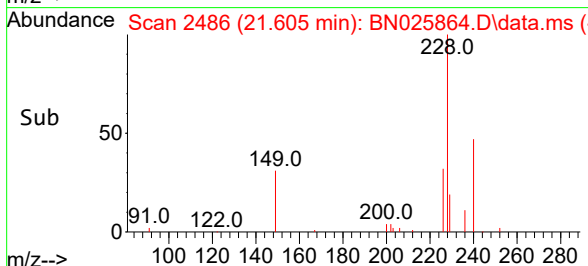
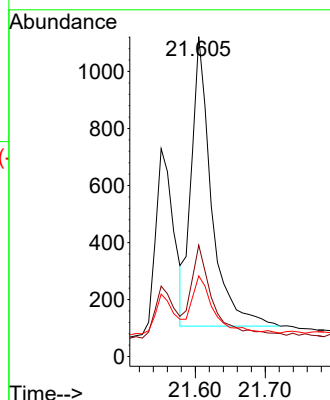
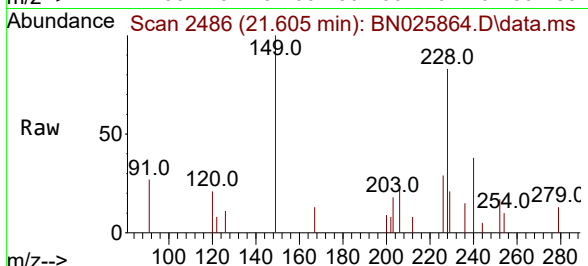
Tgt Ion:228 Resp: 2023

Ion Ratio Lower Upper

228 100

226 34.8 25.4 38.2

229 25.2 16.1 24.1#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.167 ng

RT: 21.462 min Scan# 2470

Delta R.T. -0.000 min

Lab File: BN025864.D

Acq: 15 Jun 2023 18:43

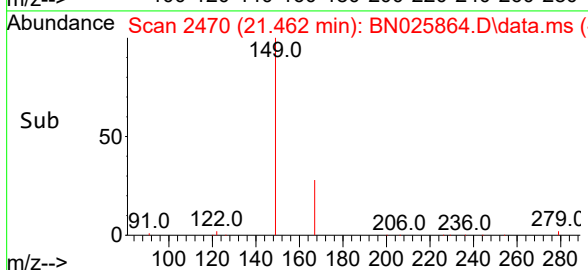
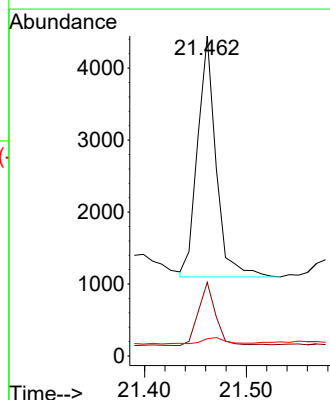
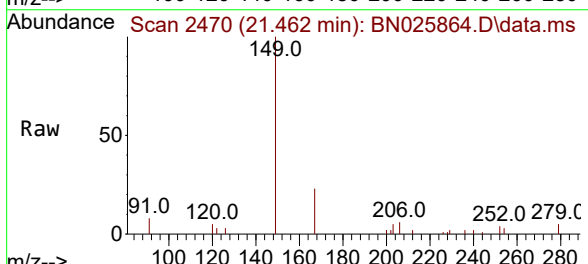
Tgt Ion:149 Resp: 4215

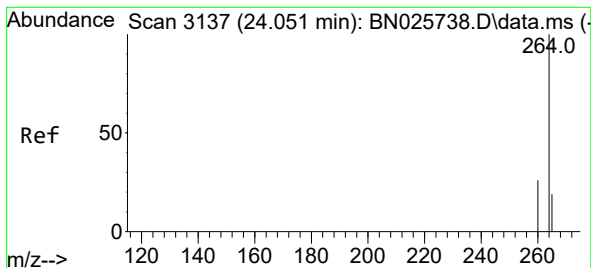
Ion Ratio Lower Upper

149 100

167 24.5 21.0 31.6

279 3.4 2.2 3.4#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.051 min Scan# 31

Delta R.T. 0.003 min

Lab File: BN025864.D

Acq: 15 Jun 2023 18:43

Instrument :

BNA_N

ClientSampleId :

FB-01-061223

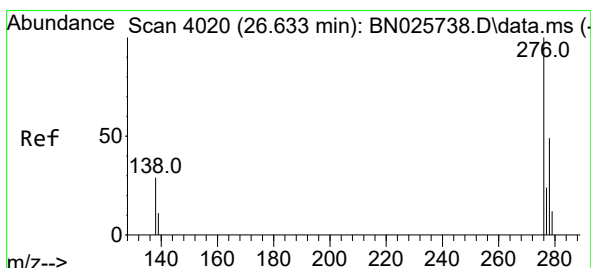
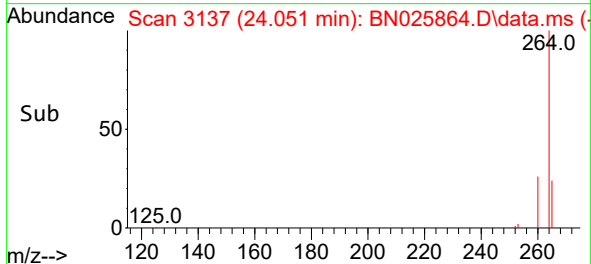
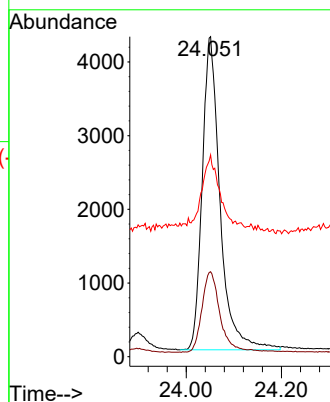
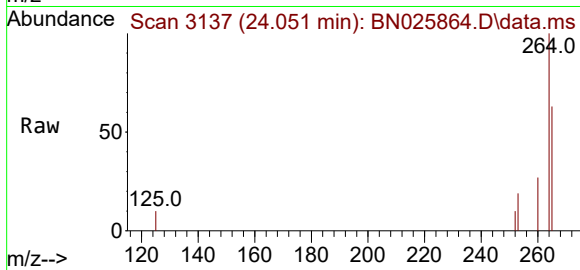
Tgt Ion:264 Resp: 11030

Ion Ratio Lower Upper

264 100

260 26.6 21.4 32.2

265 63.1 44.7 67.1



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.039 ng

RT: 26.679 min Scan# 4036

Delta R.T. 0.038 min

Lab File: BN025864.D

Acq: 15 Jun 2023 18:43

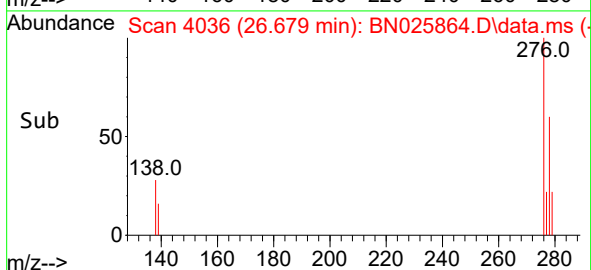
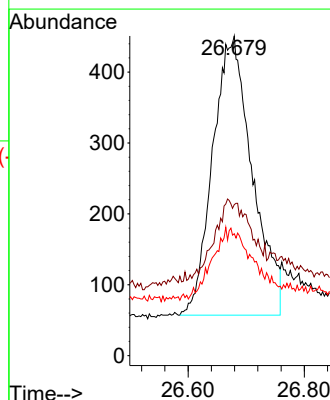
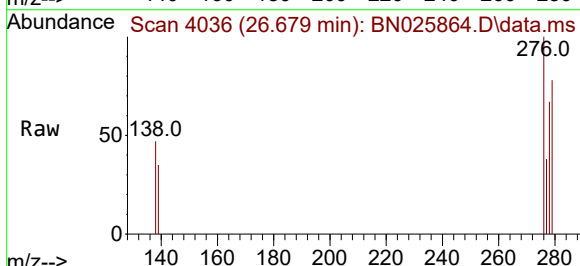
Tgt Ion:276 Resp: 1865

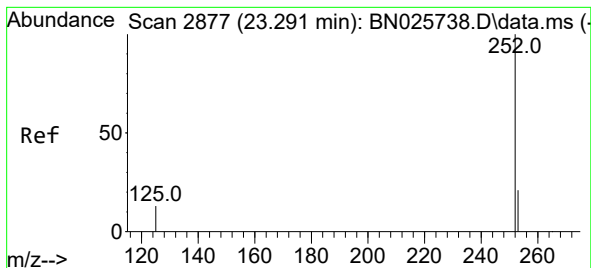
Ion Ratio Lower Upper

276 100

138 12.9 26.1 39.1#

277 8.1 19.4 29.2#





#37

Benzo(b)fluoranthene

Concen: 0.098 ng

RT: 23.291 min Scan# 2877

Delta R.T. 0.009 min

Lab File: BN025864.D

Acq: 15 Jun 2023 18:43

Instrument :

BNA_N

ClientSampleId :

FB-01-061223

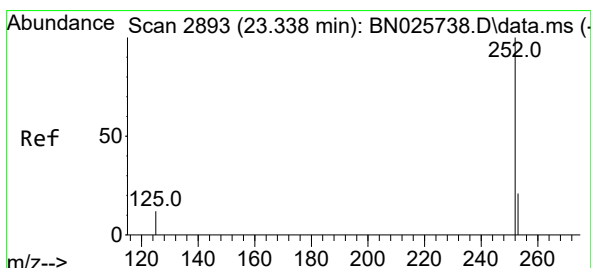
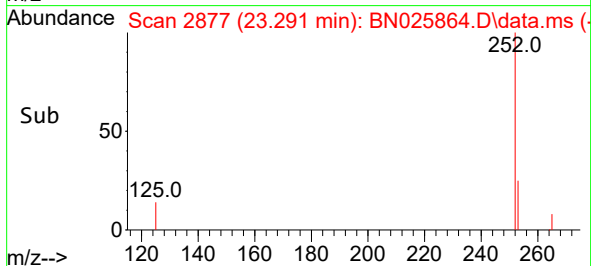
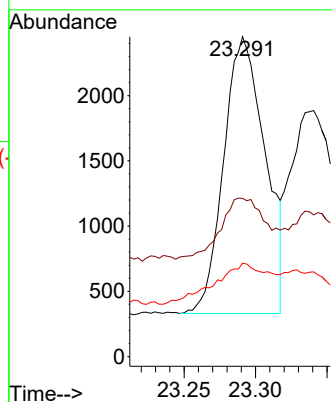
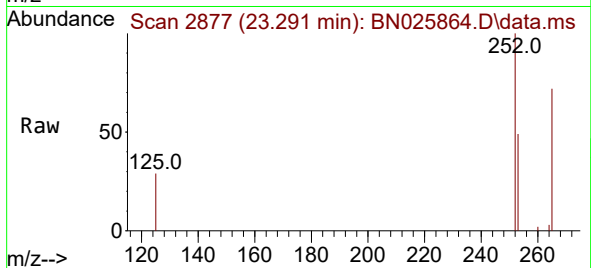
Tgt Ion:252 Resp: 4271

Ion Ratio Lower Upper

252 100

253 49.4 23.4 35.0#

125 29.2 12.3 18.5#



#38

Benzo(k)fluoranthene

Concen: 0.077 ng

RT: 23.341 min Scan# 2894

Delta R.T. 0.012 min

Lab File: BN025864.D

Acq: 15 Jun 2023 18:43

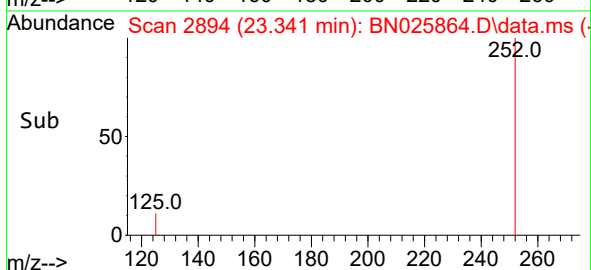
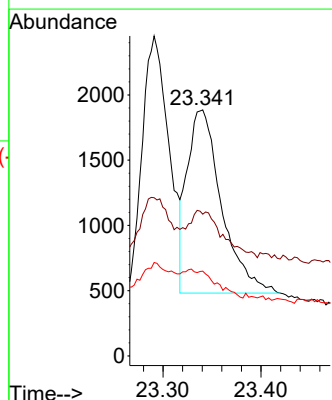
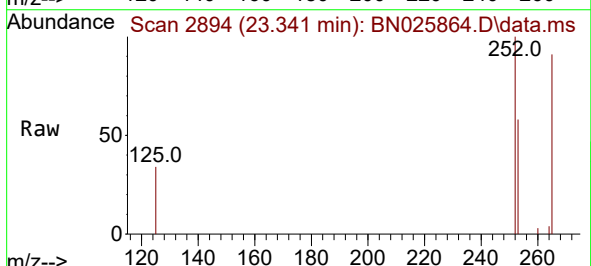
Tgt Ion:252 Resp: 3432

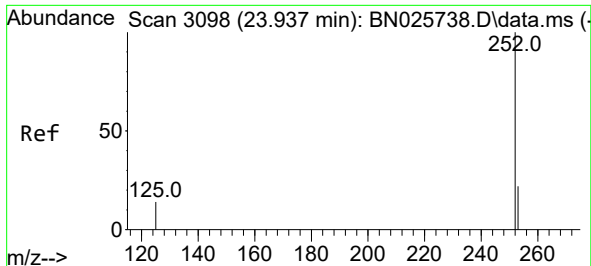
Ion Ratio Lower Upper

252 100

253 57.6 24.2 36.4#

125 34.5 12.2 18.2#





#39

Benzo(a)pyrene

Concen: 0.043 ng

RT: 23.946 min Scan# 3101

Delta R.T. 0.009 min

Lab File: BN025864.D

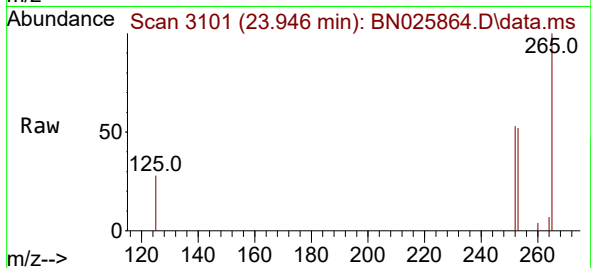
Acq: 15 Jun 2023 18:43

Instrument :

BNA_N

ClientSampleId :

FB-01-061223



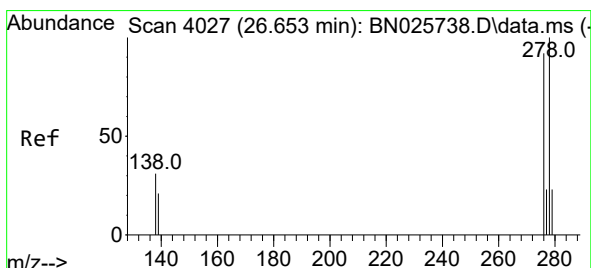
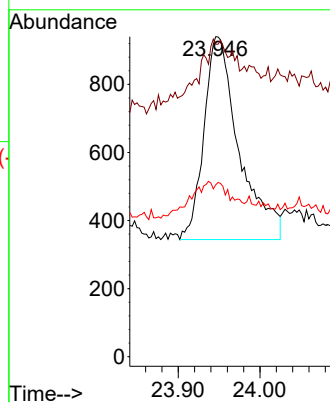
Tgt Ion:252 Resp: 1784

Ion Ratio Lower Upper

252 100

253 97.7 27.5 41.3#

125 53.7 14.6 21.8#



#40

Dibenzo(a,h)anthracene

Concen: 0.030 ng

RT: 26.694 min Scan# 4041

Delta R.T. 0.032 min

Lab File: BN025864.D

Acq: 15 Jun 2023 18:43

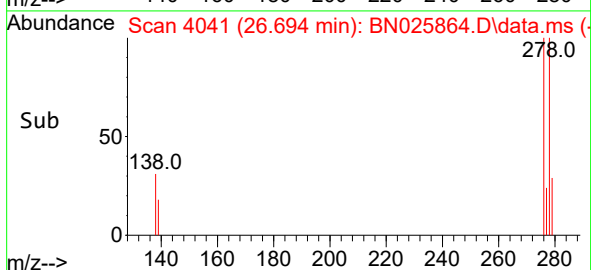
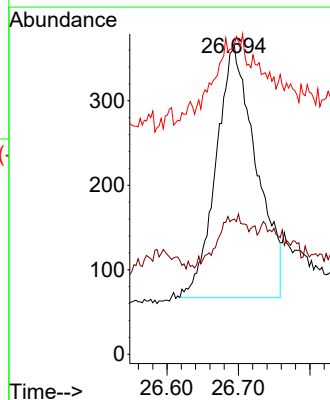
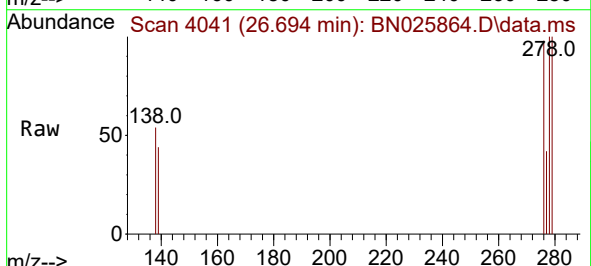
Tgt Ion:278 Resp: 1166

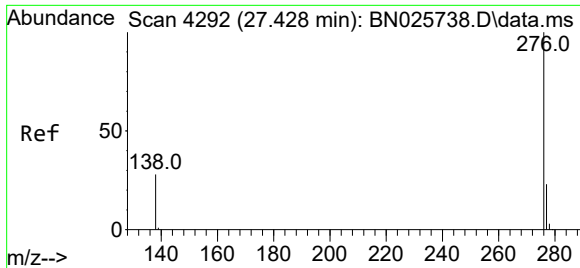
Ion Ratio Lower Upper

278 100

139 43.7 18.7 28.1#

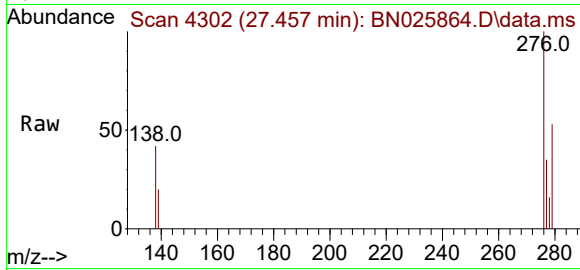
279 100.0 25.1 37.7#





#41
Benzo(g,h,i)perylene
Concen: 0.023 ng
RT: 27.457 min Scan# 41
Delta R.T. 0.012 min
Lab File: BN025864.D
Acq: 15 Jun 2023 18:43

Instrument :
BNA_N
ClientSampleId :
FB-01-061223



Tgt Ion:276 Resp: 994
Ion Ratio Lower Upper
276 100
277 34.6 20.2 30.2#
138 42.4 24.2 36.4#

