

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136288.D
 Acq On : 29 Nov 2023 17:39
 Operator : CG\JU
 Sample : 05282-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 YORK-20231106

Quant Time: Nov 29 23:47:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

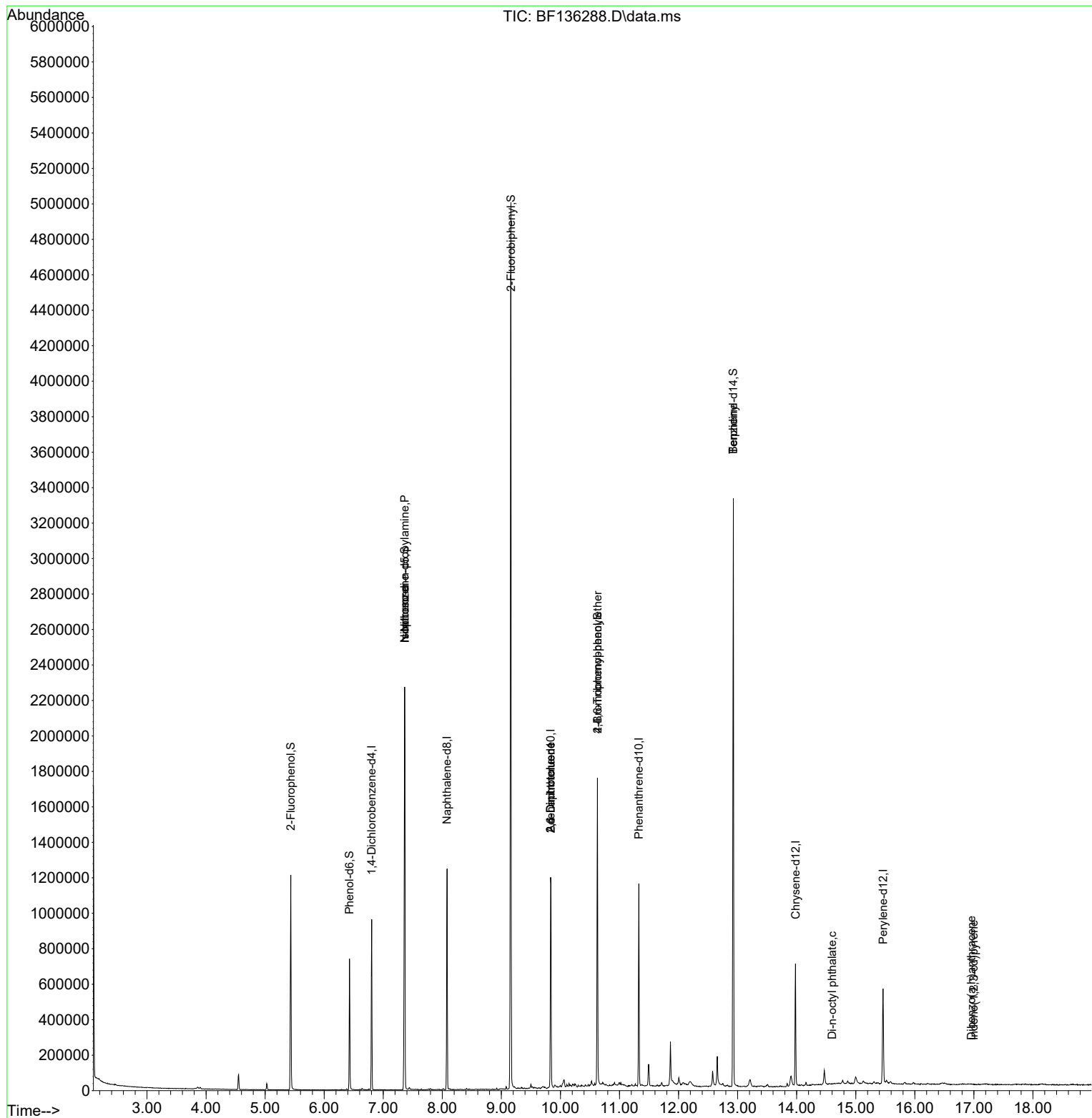
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	124083	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	518028	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	240689	20.000	ng	-0.01
64) Phenanthrene-d10	11.327	188	377451	20.000	ng	0.00
76) Chrysene-d12	13.980	240	220676	20.000	ng	-0.01
86) Perylene-d12	15.462	264	248202	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	296505	33.259	ng	0.00
7) Phenol-d6	6.428	99	223382	20.040	ng	-0.02
23) Nitrobenzene-d5	7.363	82	817000	83.341	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	205651	69.887	ng	-0.01
45) 2-Fluorobiphenyl	9.163	172	1624134	86.191	ng	0.00
79) Terphenyl-d14	12.927	244	1138904	59.531	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	108521	16.278	ng	# 74
25) Isophorone	7.363	82	814704	46.090	ng	# 68
51) 2,6-Dinitrotoluene	9.833	165	29021	7.809	ng	# 25
57) 2,4-Dinitrotoluene	9.833	165	29021	5.846	ng	# 29
67) 4-Bromophenyl-phenylether	10.627	248	12309	2.795	ng	# 1
77) Benzidine	12.927	184	12681	3.496	ng	# 93
85) Di-n-octyl phthalate	14.598	149	240	5.177	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.998	276	56	2.682	ng	# 52
91) Dibenzo(a,h)anthracene	16.956	278	1479	2.807	ng	# 58

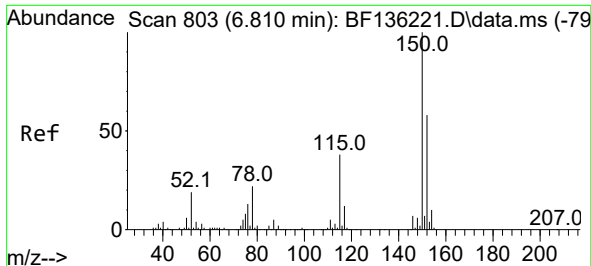
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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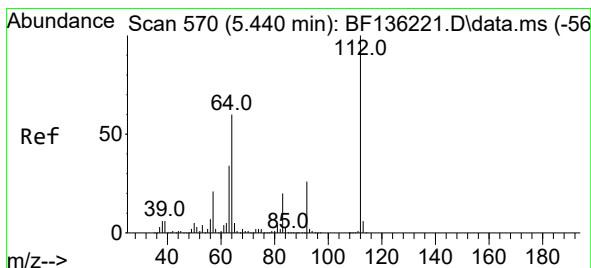
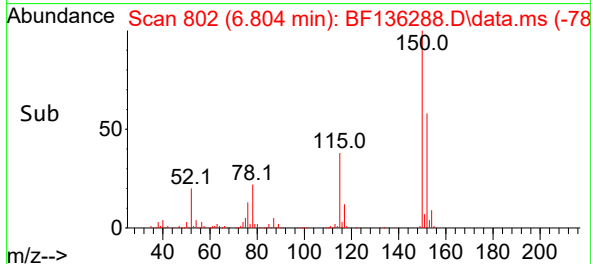
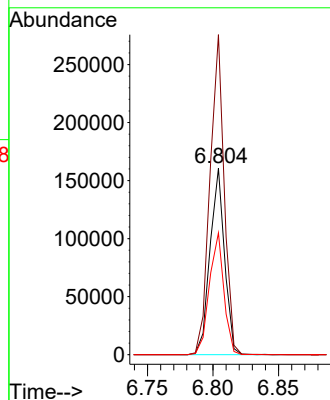
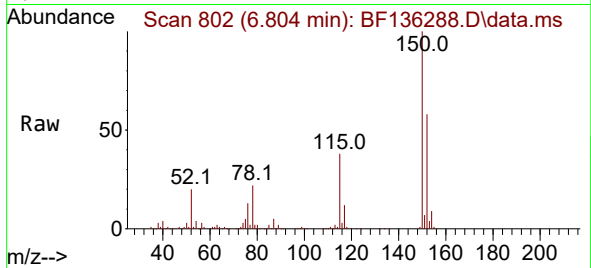




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136288.D
Acq: 29 Nov 2023 17:39

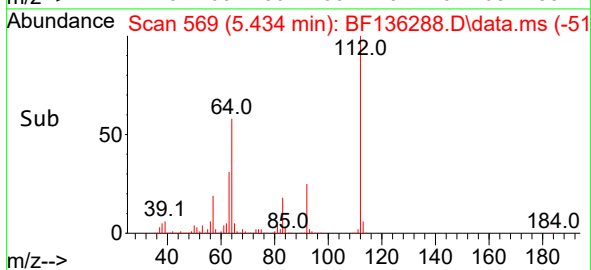
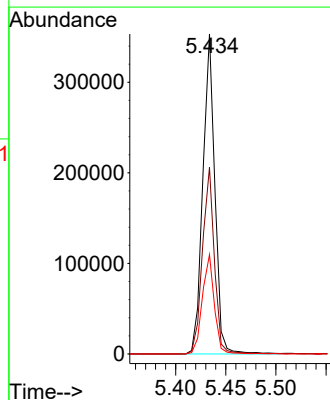
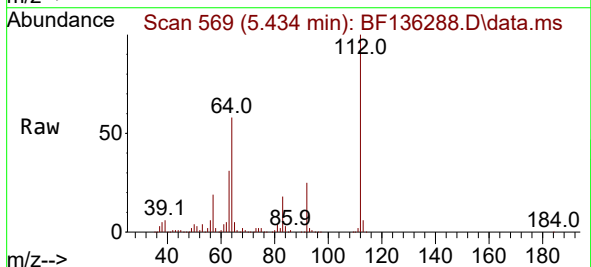
Instrument :
BNA_F
ClientSampleId :
YORK-20231106

Tgt Ion:152 Resp: 124083
Ion Ratio Lower Upper
152 100
150 171.7 137.8 206.8
115 65.3 52.7 79.1



#5
2-Fluorophenol
Concen: 33.259 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF136288.D
Acq: 29 Nov 2023 17:39

Tgt Ion:112 Resp: 296505
Ion Ratio Lower Upper
112 100
64 58.4 48.2 72.4
63 31.0 27.0 40.6

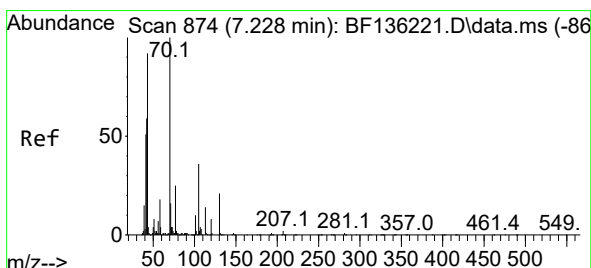
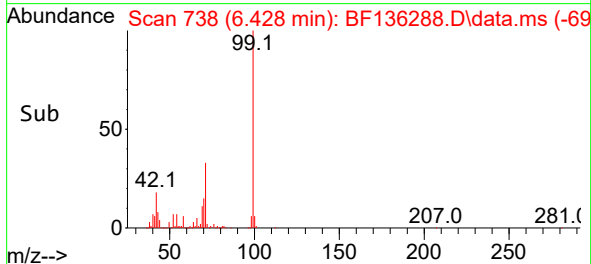
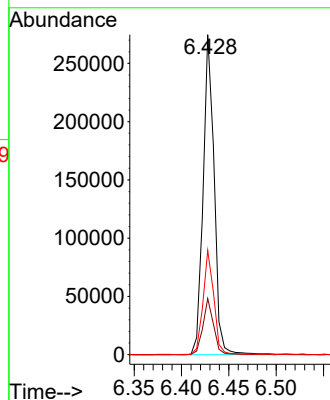
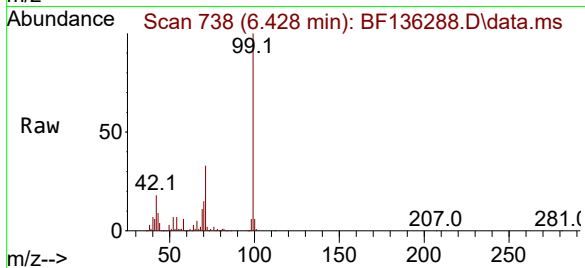




#7
Phenol-d6
Concen: 20.040 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136288.D
Acq: 29 Nov 2023 17:39

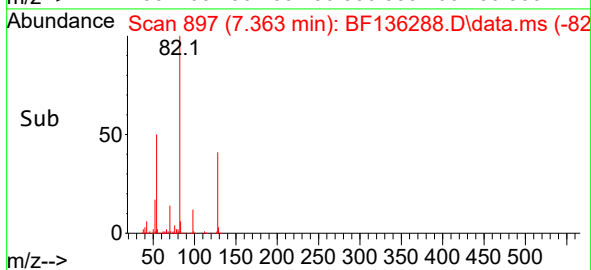
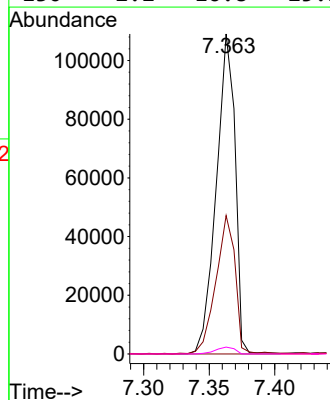
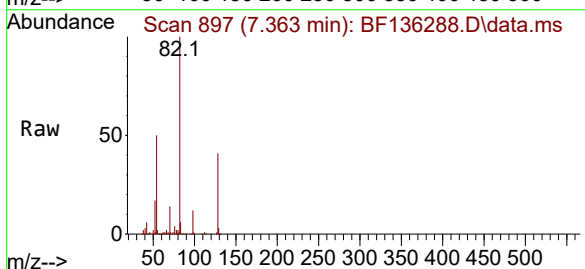
Instrument :
BNA_F
ClientSampleId :
YORK-20231106

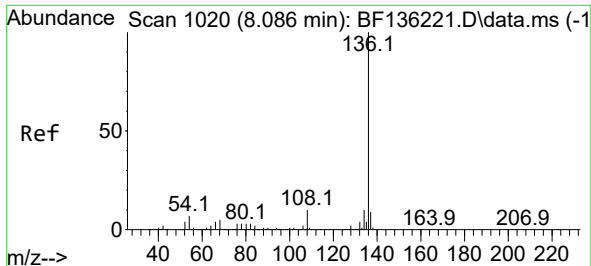
Tgt Ion: 99 Resp: 223382
Ion Ratio Lower Upper
99 100
42 17.5 15.0 22.6
71 32.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.278 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF136288.D
Acq: 29 Nov 2023 17:39

Tgt Ion: 70 Resp: 108521
Ion Ratio Lower Upper
70 100
42 43.3 47.0 70.4#
101 0.0 7.8 11.8#
130 2.2 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136288.D

Acq: 29 Nov 2023 17:39

Instrument :

BNA_F

ClientSampleId :

YORK-20231106

Tgt Ion:136 Resp: 518028

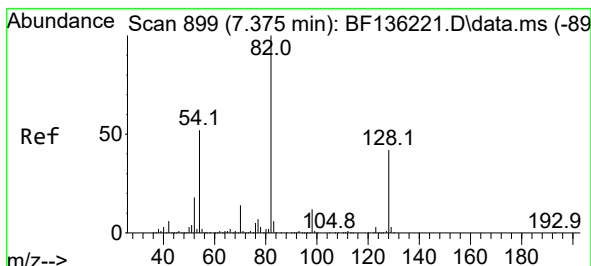
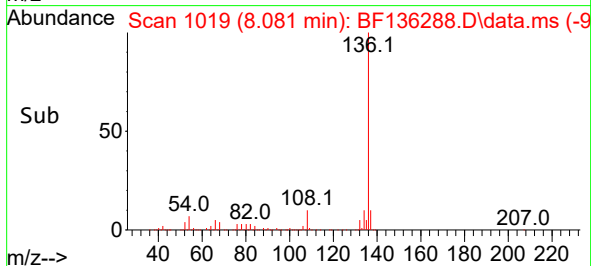
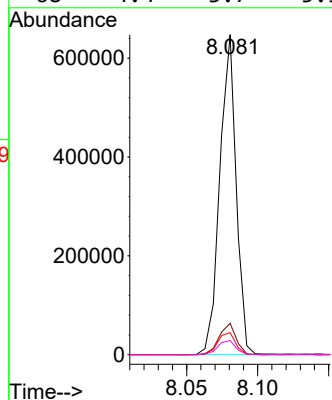
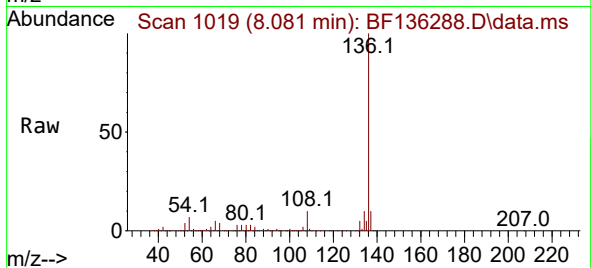
Ion Ratio Lower Upper

136 100

137 9.8 7.4 11.2

54 6.9 5.5 8.3

68 4.4 3.7 5.5



#23

Nitrobenzene-d5

Concen: 83.341 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF136288.D

Acq: 29 Nov 2023 17:39

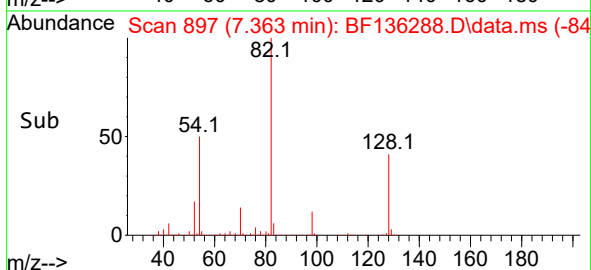
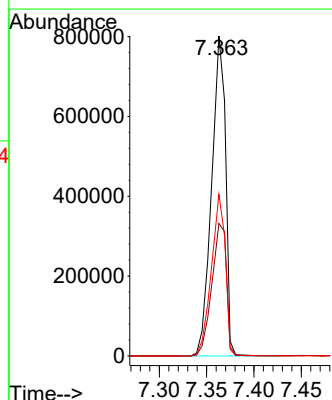
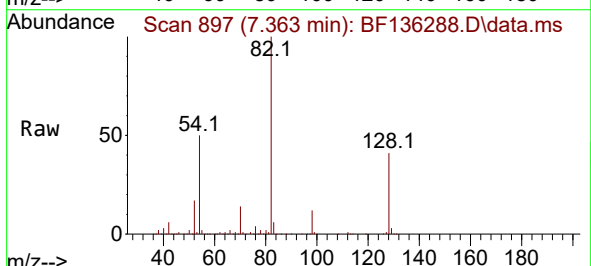
Tgt Ion: 82 Resp: 817000

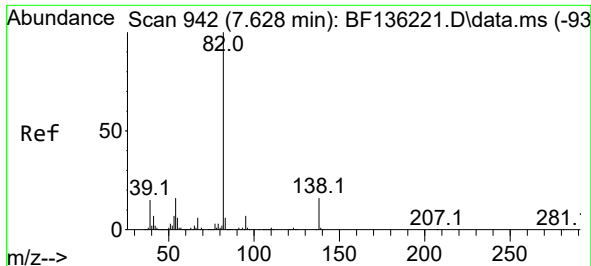
Ion Ratio Lower Upper

82 100

128 41.4 33.4 50.2

54 50.5 41.7 62.5

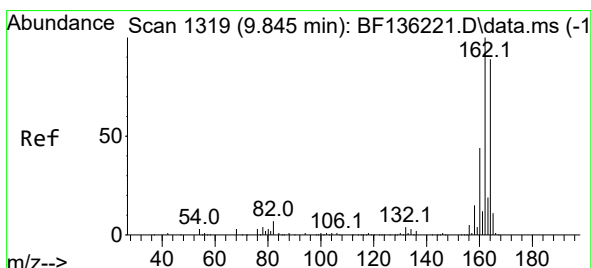
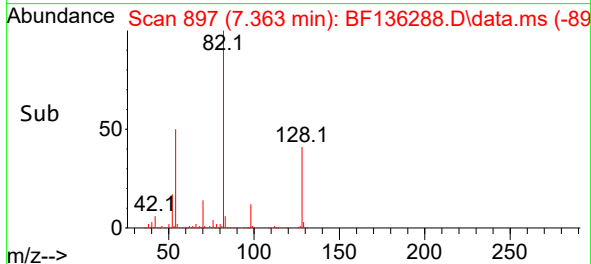
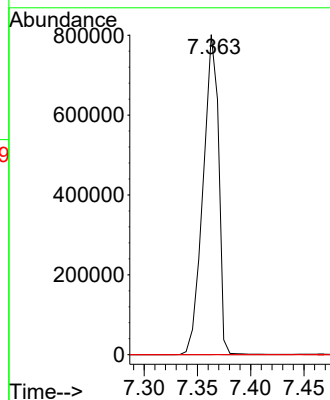
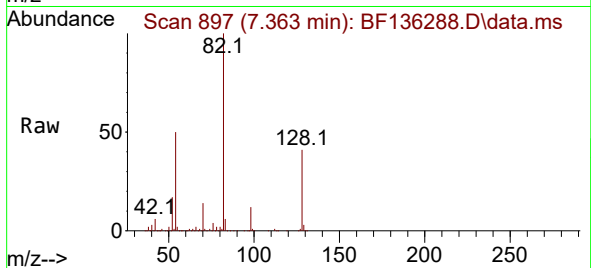




#25
Isophorone
Concen: 46.090 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF136288.D
Acq: 29 Nov 2023 17:39

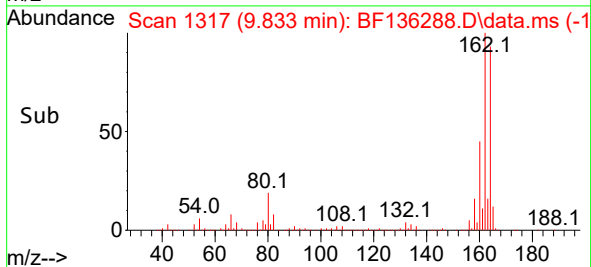
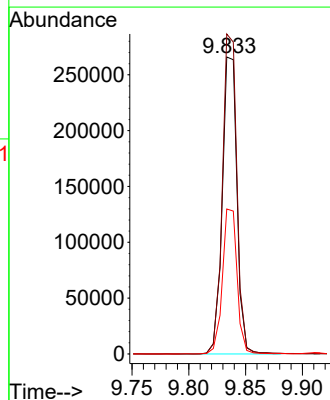
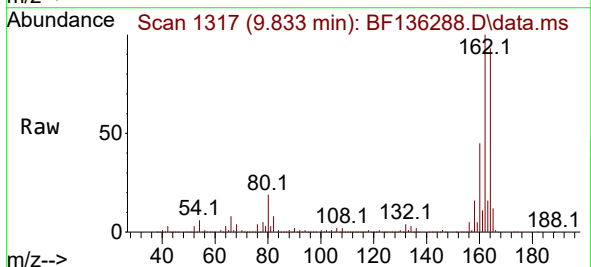
Instrument :
BNA_F
ClientSampleId :
YORK-20231106

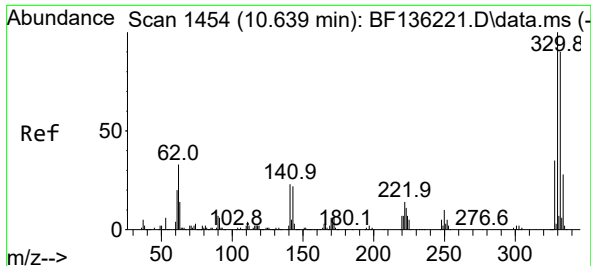
Tgt Ion: 82 Resp: 814704
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.012 min
Lab File: BF136288.D
Acq: 29 Nov 2023 17:39

Tgt Ion:164 Resp: 240689
Ion Ratio Lower Upper
164 100
162 107.7 89.5 134.3
160 48.8 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 69.887 ng

RT: 10.627 min Scan# 1454

Delta R.T. -0.012 min

Lab File: BF136288.D

Acq: 29 Nov 2023 17:39

Instrument :

BNA_F

ClientSampleId :

YORK-20231106

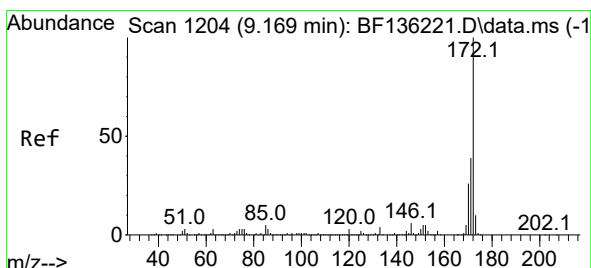
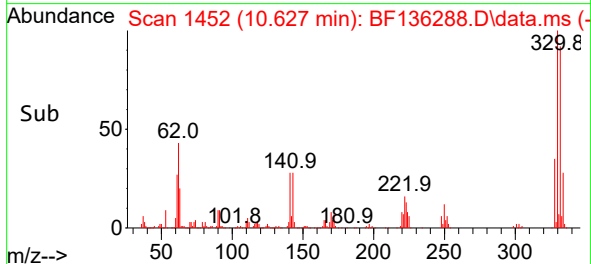
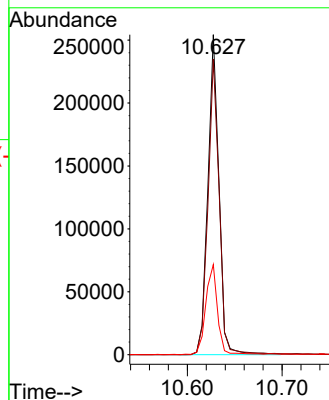
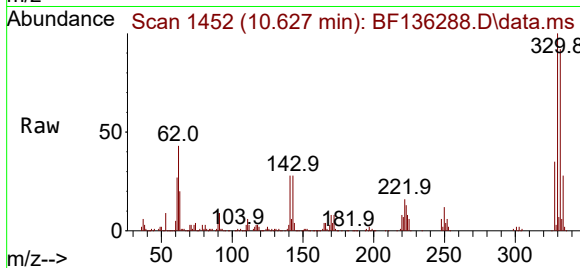
Tgt Ion:330 Resp: 205651

Ion Ratio Lower Upper

330 100

332 93.6 73.0 109.6

141 30.1 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 86.191 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136288.D

Acq: 29 Nov 2023 17:39

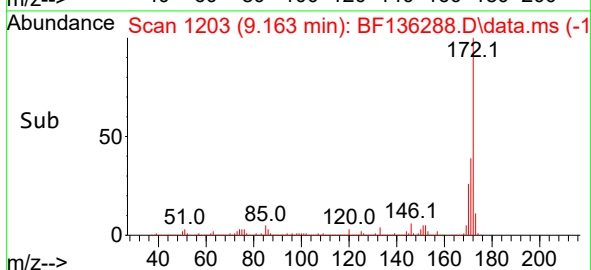
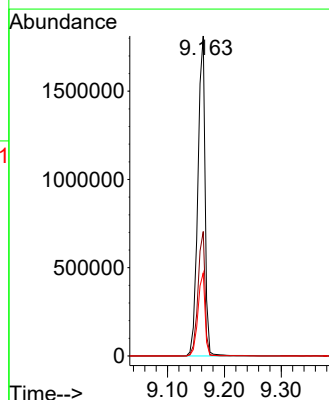
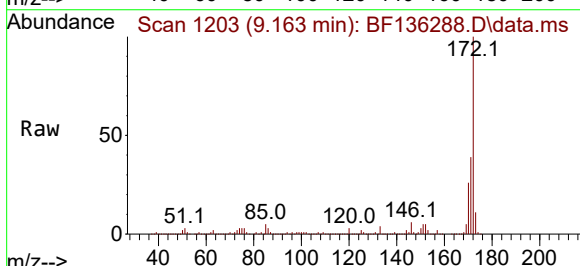
Tgt Ion:172 Resp: 1624134

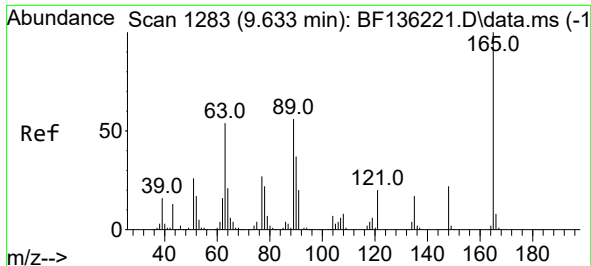
Ion Ratio Lower Upper

172 100

171 38.9 31.5 47.3

170 25.9 20.8 31.2

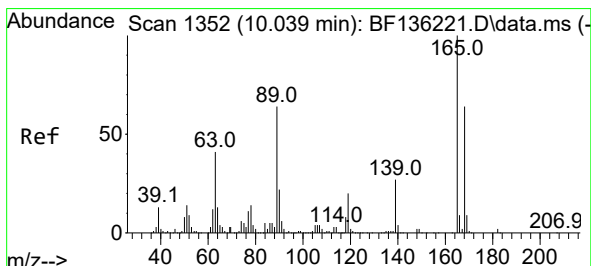
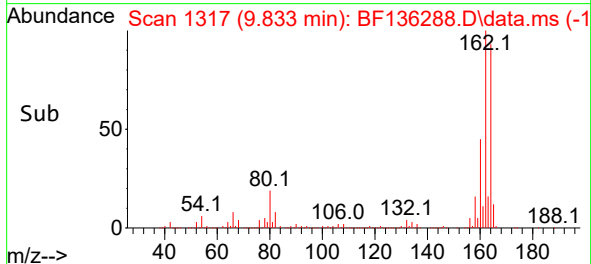
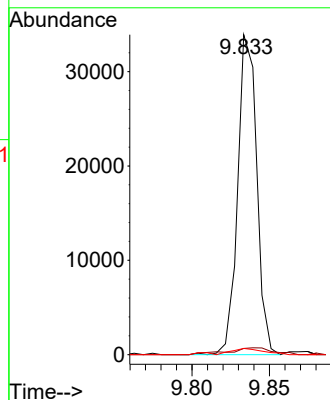
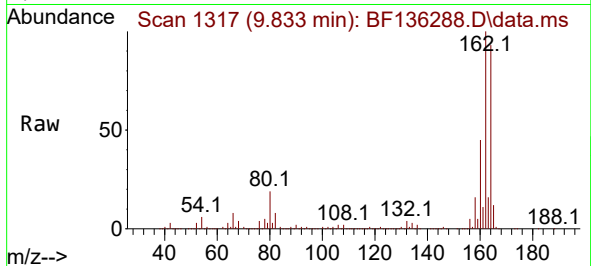




#51
2,6-Dinitrotoluene
Concen: 7.809 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.200 min
Lab File: BF136288.D
Acq: 29 Nov 2023 17:39

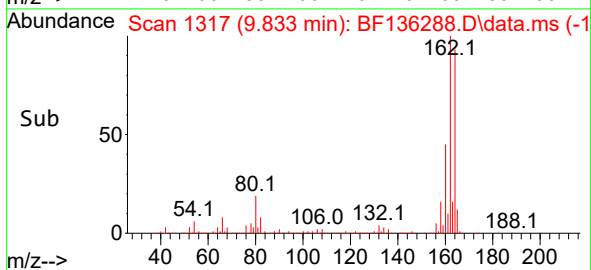
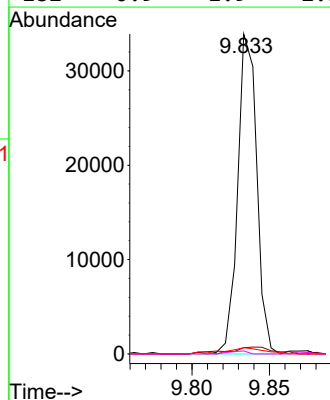
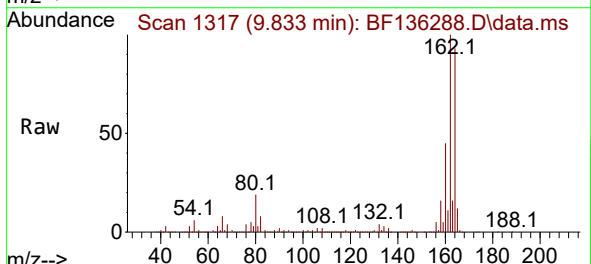
Instrument :
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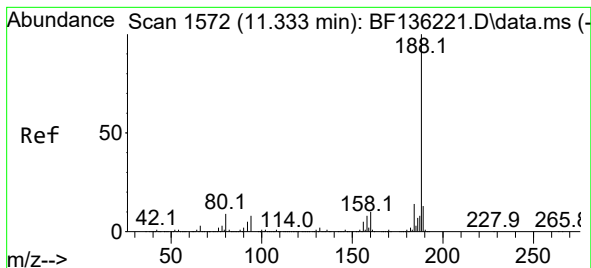
Tgt Ion:165 Resp: 29021
Ion Ratio Lower Upper
165 100
63 2.0 46.2 69.2#
89 2.0 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 5.846 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.206 min
Lab File: BF136288.D
Acq: 29 Nov 2023 17:39

Tgt Ion:165 Resp: 29021
Ion Ratio Lower Upper
165 100
63 2.0 33.0 49.4#
89 2.0 51.5 77.3#
182 0.9 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136288.D

Acq: 29 Nov 2023 17:39

Instrument :

BNA_F

ClientSampleId :

YORK-20231106

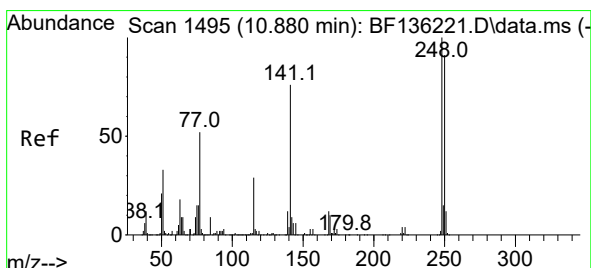
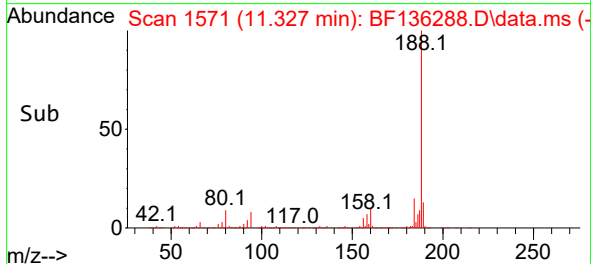
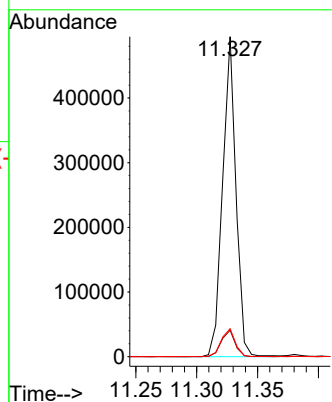
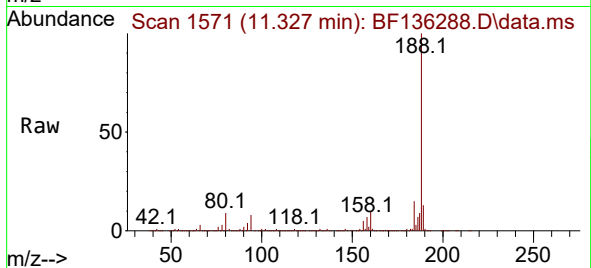
Tgt Ion:188 Resp: 377451

Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

80 8.8 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 2.795 ng

RT: 10.627 min Scan# 1452

Delta R.T. -0.253 min

Lab File: BF136288.D

Acq: 29 Nov 2023 17:39

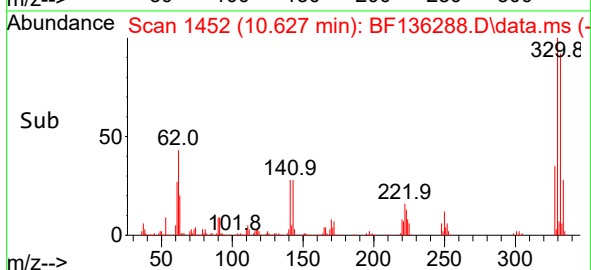
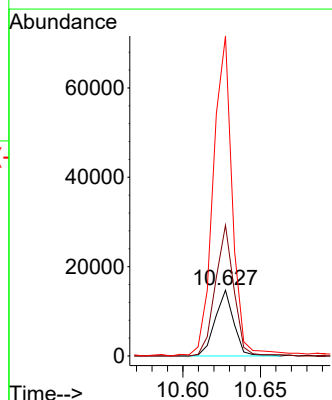
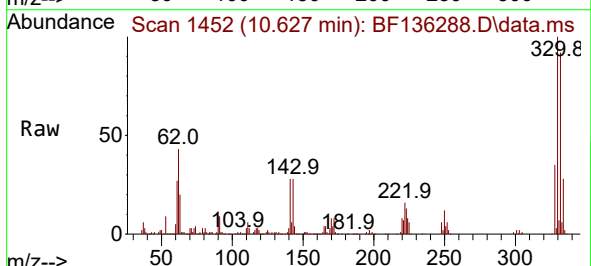
Tgt Ion:248 Resp: 12309

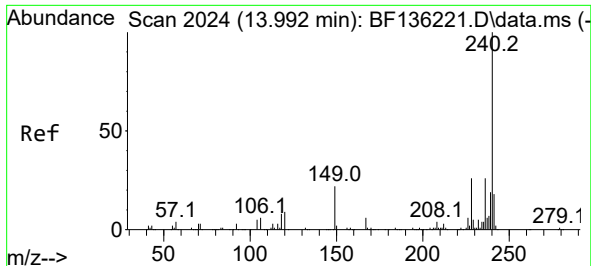
Ion Ratio Lower Upper

248 100

250 198.8 72.5 108.7#

141 486.4 60.8 91.2#

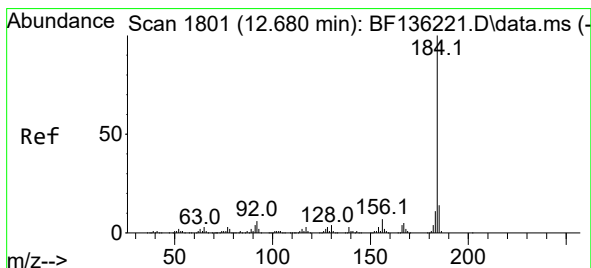
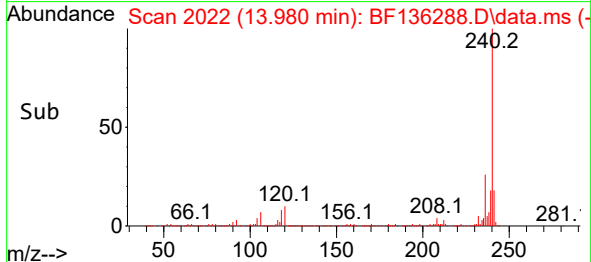
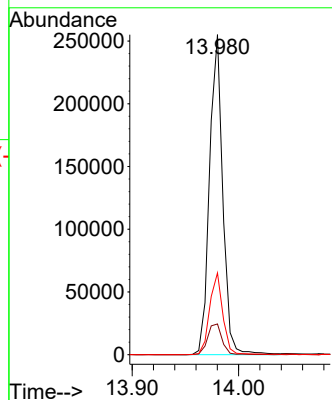
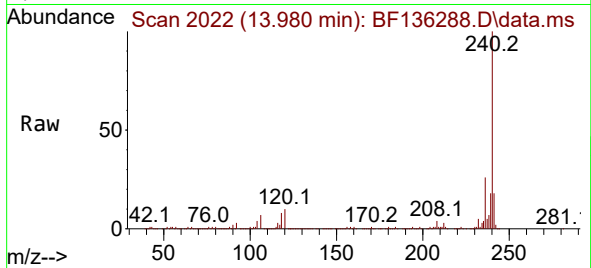




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF136288.D
Acq: 29 Nov 2023 17:39

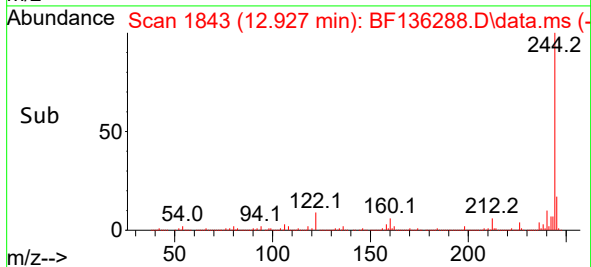
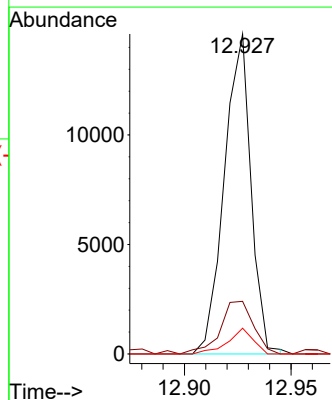
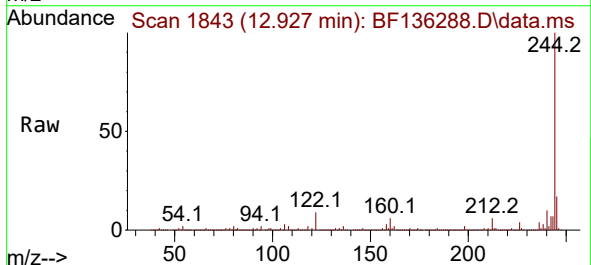
Instrument :
BNA_F
ClientSampleId :
YORK-20231106

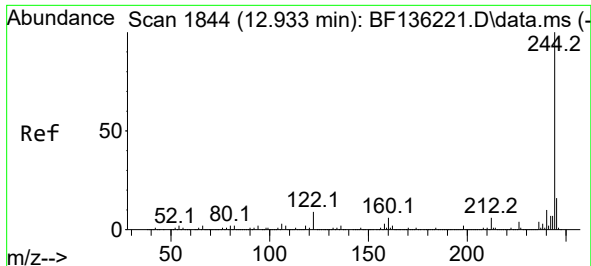
Tgt Ion:240 Resp: 220676
Ion Ratio Lower Upper
240 100
120 9.6 7.4 11.2
236 25.6 21.1 31.7



#77
Benzidine
Concen: 3.496 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.247 min
Lab File: BF136288.D
Acq: 29 Nov 2023 17:39

Tgt Ion:184 Resp: 12681
Ion Ratio Lower Upper
184 100
185 16.4 11.0 16.6
183 8.0 9.0 13.4#

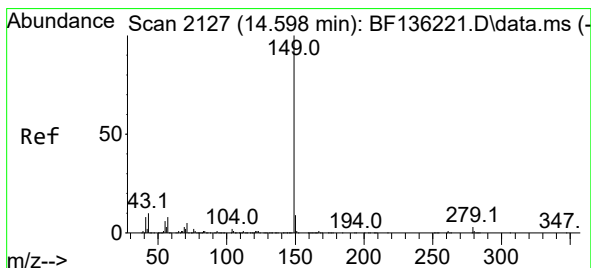
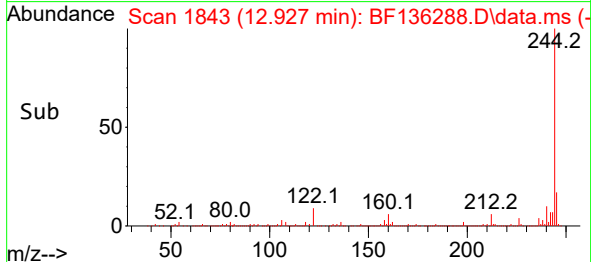
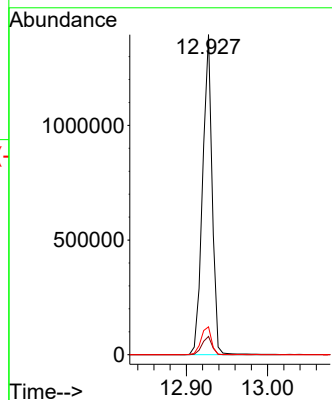
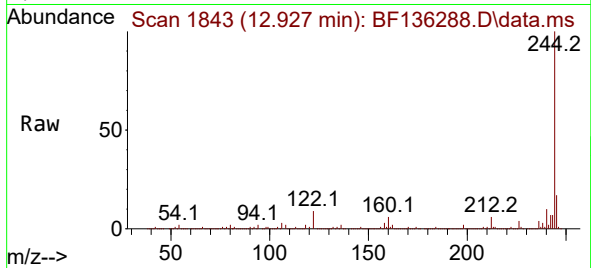




#79
 Terphenyl-d14
 Concen: 59.531 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136288.D
 Acq: 29 Nov 2023 17:39

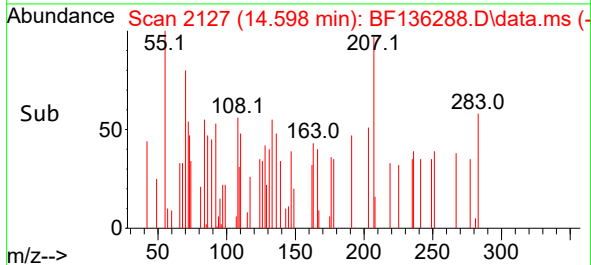
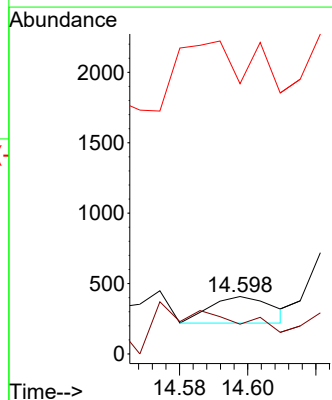
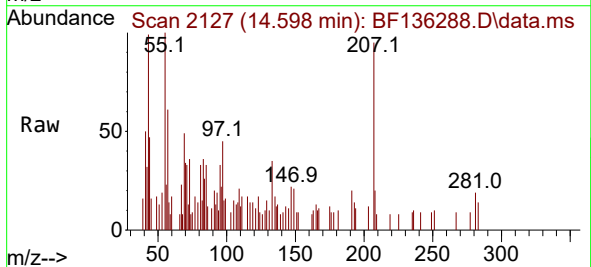
Instrument :
 BNA_F
 ClientSampleId :
 YORK-20231106

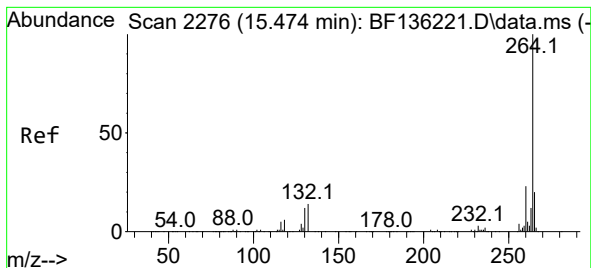
Tgt Ion:244 Resp: 1138904
 Ion Ratio Lower Upper
 244 100
 212 5.7 4.6 7.0
 122 8.7 7.3 10.9



#85
 Di-n-octyl phthalate
 Concen: 5.177 ng
 RT: 14.598 min Scan# 2127
 Delta R.T. -0.000 min
 Lab File: BF136288.D
 Acq: 29 Nov 2023 17:39

Tgt Ion:149 Resp: 240
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.0 1.6#
 43 327.1 7.2 10.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF136288.D

Acq: 29 Nov 2023 17:39

Instrument :

BNA_F

ClientSampleId :

YORK-20231106

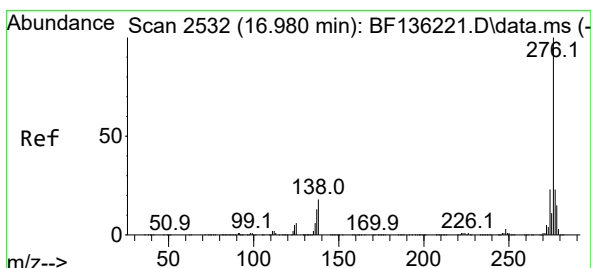
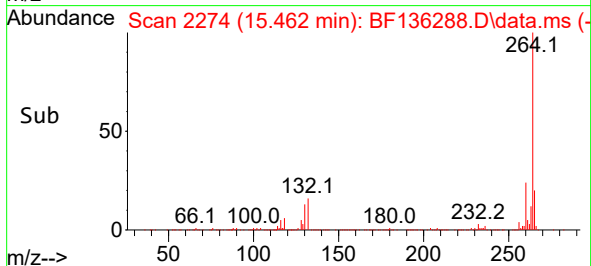
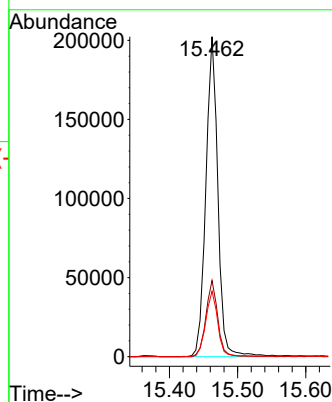
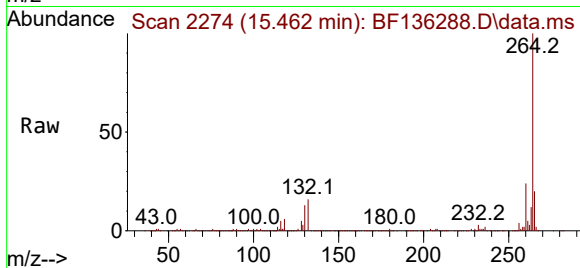
Tgt Ion:264 Resp: 248202

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 20.5 15.7 23.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.682 ng

RT: 16.998 min Scan# 2535

Delta R.T. 0.018 min

Lab File: BF136288.D

Acq: 29 Nov 2023 17:39

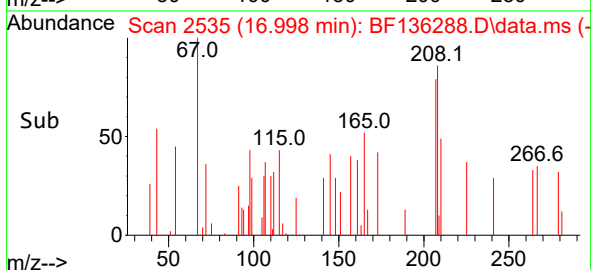
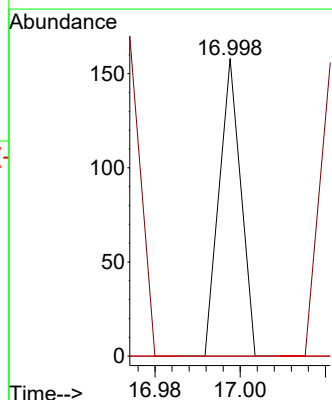
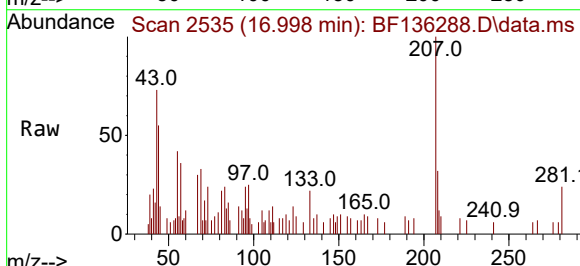
Tgt Ion:276 Resp: 56

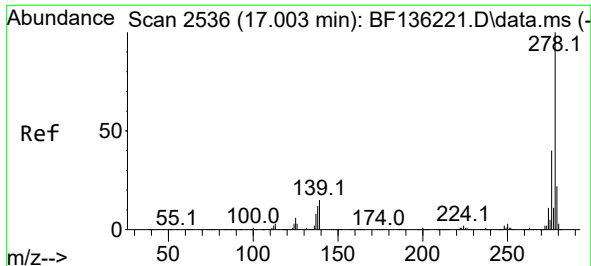
Ion Ratio Lower Upper

276 100

138 0.0 17.7 26.5#

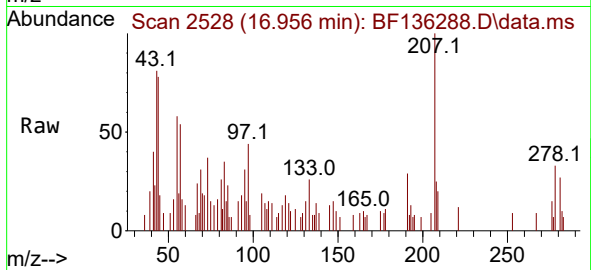
277 0.0 19.6 29.4#





#91
 Dibenzo(a,h)anthracene
 Concen: 2.807 ng
 RT: 16.956 min Scan# 21
 Delta R.T. -0.047 min
 Lab File: BF136288.D
 Acq: 29 Nov 2023 17:39

Instrument :
 BNA_F
 ClientSampleId :
 YORK-20231106



Tgt Ion:278 Resp: 1479
 Ion Ratio Lower Upper
 278 100
 139 29.0 11.7 17.5#
 279 0.0 17.8 26.8#

