

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

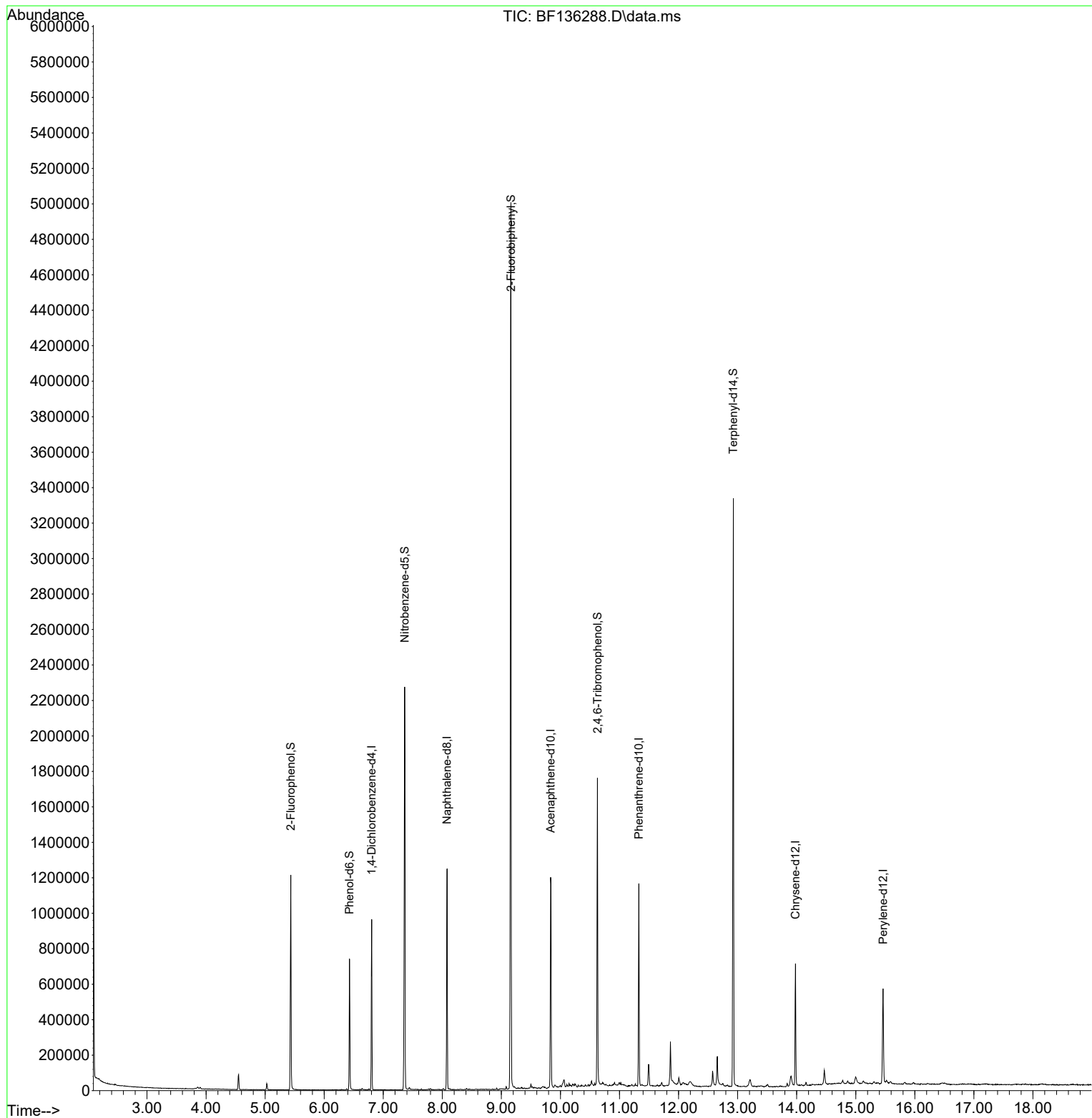
Target Compounds	Qvalue

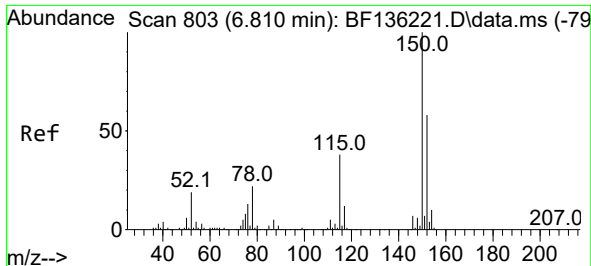
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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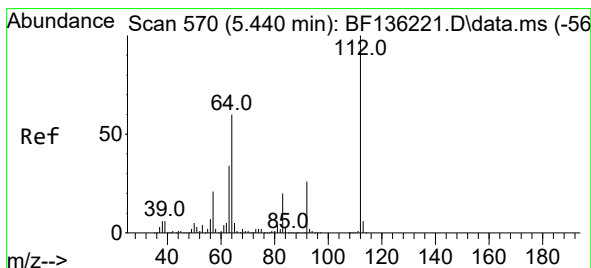
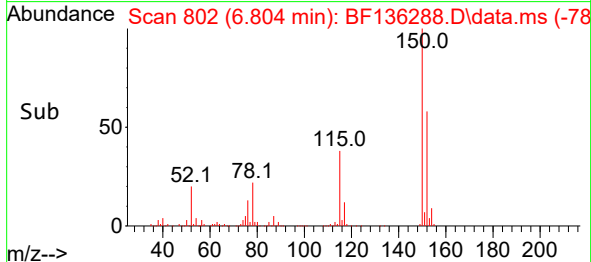
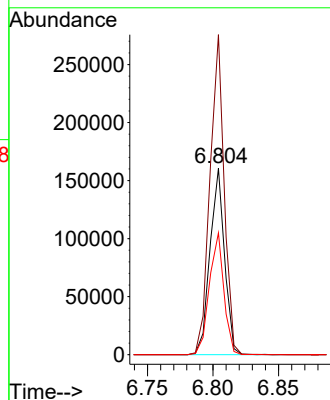
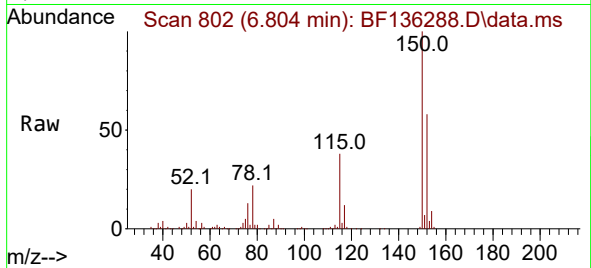




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 803
 Delta R.T. -0.006 min
 Lab File: BF136288.D
 Acq: 29 Nov 2023 17:39

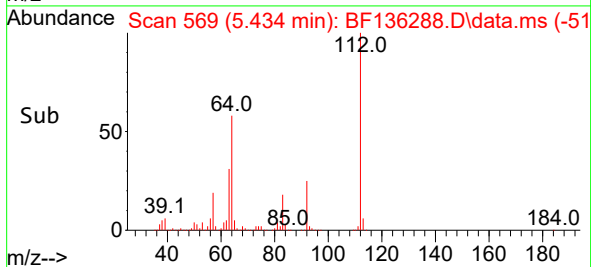
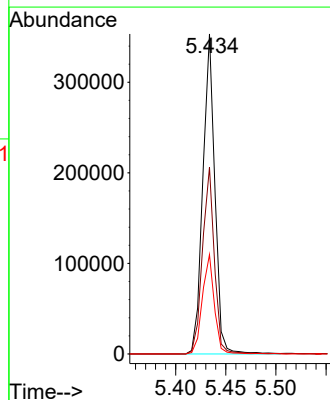
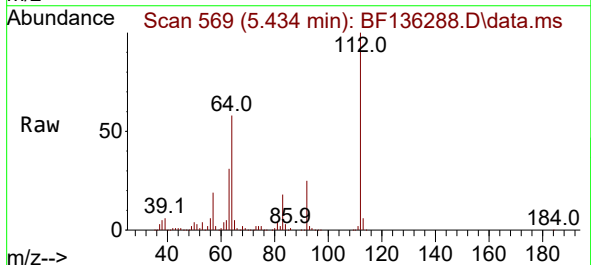
Instrument :
 BNA_F
 ClientSampleId :
 YORK-20231106

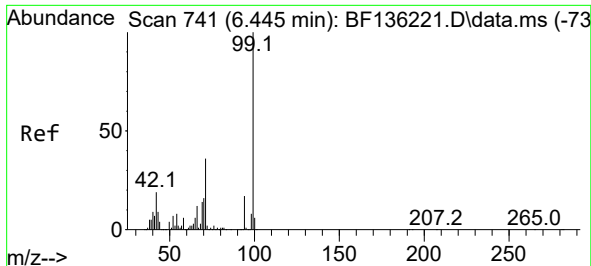
Tgt Ion:152 Resp: 124083
 Ion Ratio Lower Upper
 152 100
 150 171.7 137.8 206.8
 115 65.3 52.7 79.1



#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

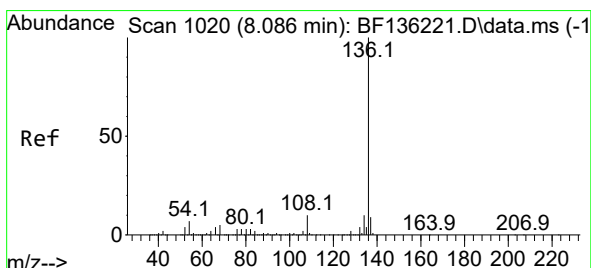
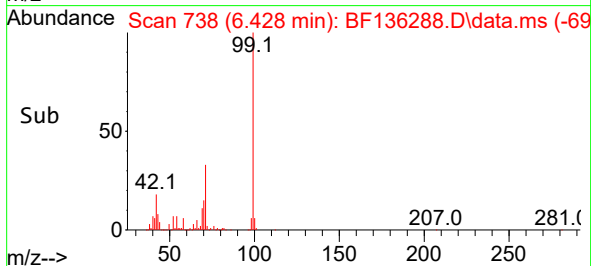
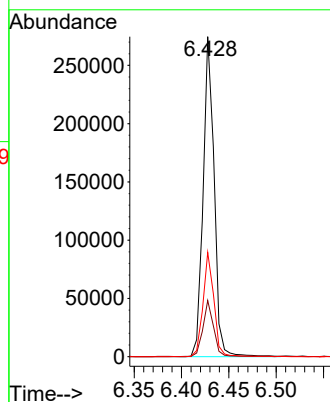
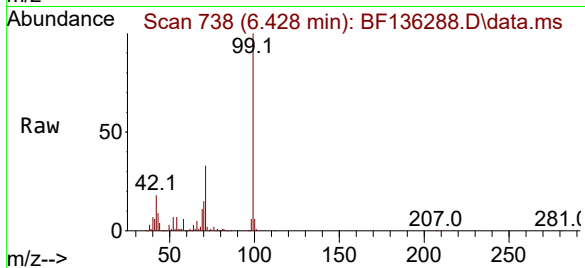
Tgt Ion: 99 Resp: 223382

Ion Ratio Lower Upper

99 100

42 17.5 15.0 22.6

71 32.6 28.9 43.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF136288.D

Acq: 29 Nov 2023 17:39

Tgt Ion: 136 Resp: 518028

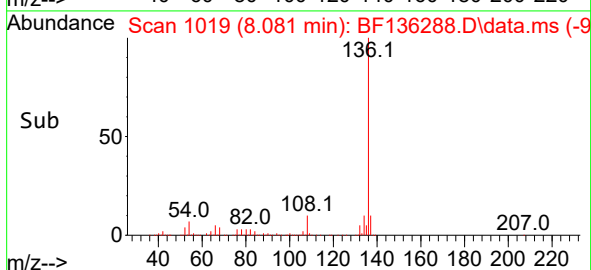
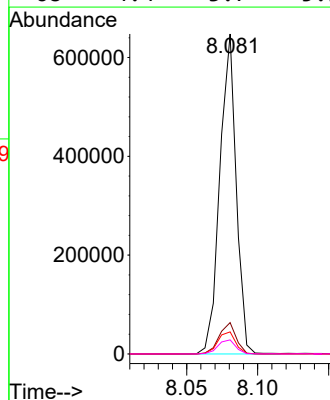
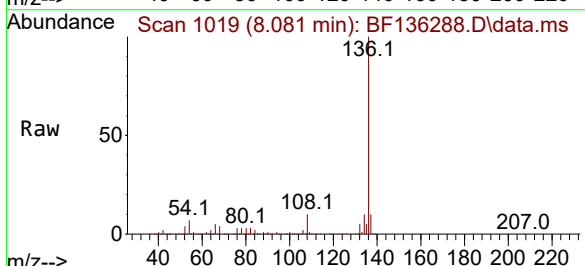
Ion Ratio Lower Upper

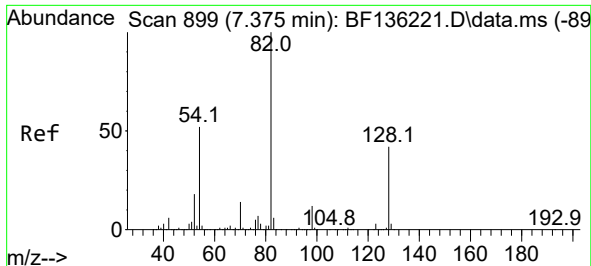
136 100

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# 89

Delta R.T. -0.012 min

Lab File: BF136288.D

Acq: 29 Nov 2023 17:39

Instrument :

BNA_F

ClientSampleId :

YORK-20231106

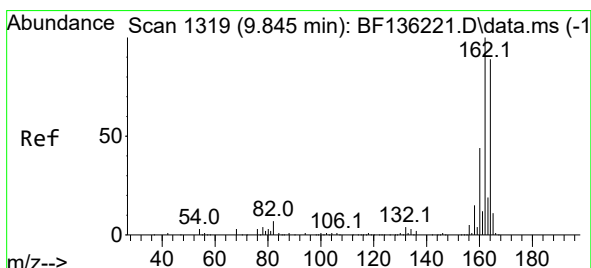
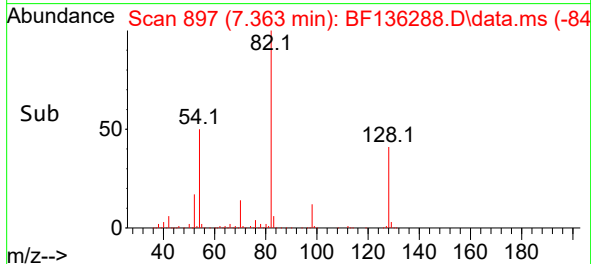
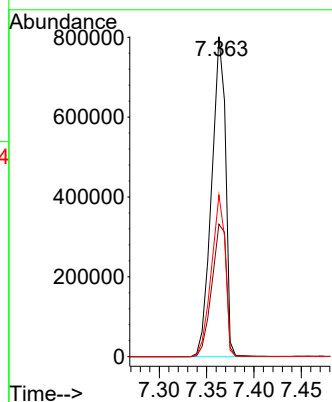
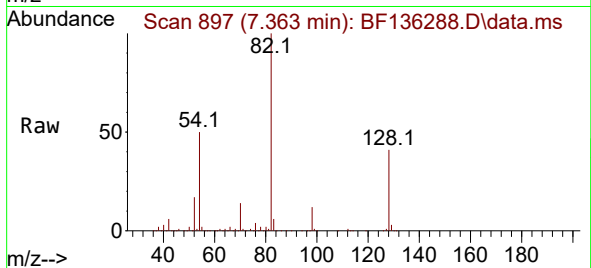
Tgt Ion: 82 Resp: 817000

Ion Ratio Lower Upper

82 100

128 41.4 33.4 50.2

54 50.5 41.7 62.5



#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

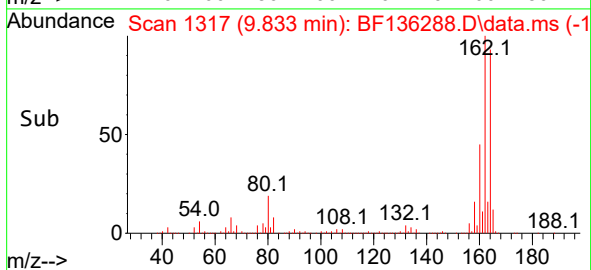
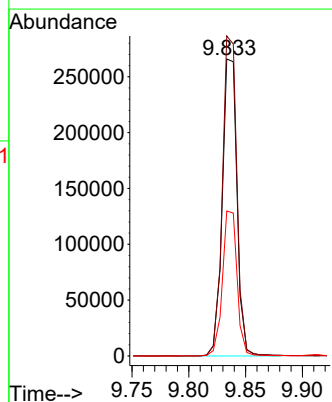
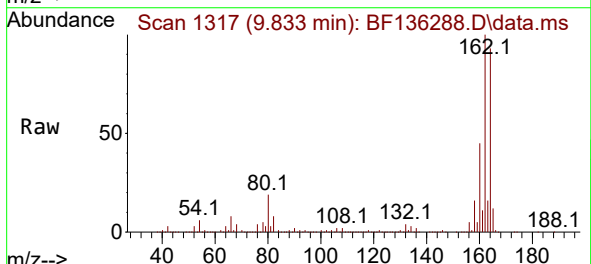
Tgt Ion:164 Resp: 240689

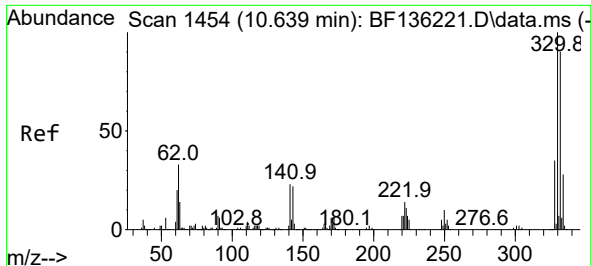
Ion Ratio Lower Upper

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

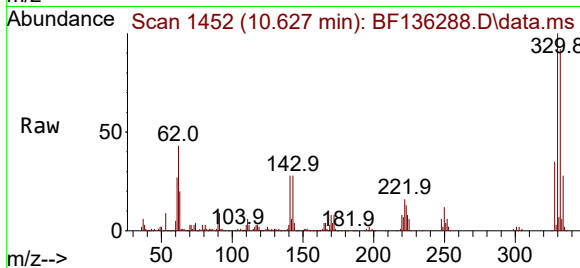
Acq: 29 Nov 2023 17:39

Instrument :

BNA_F

ClientSampleId :

YORK-20231106



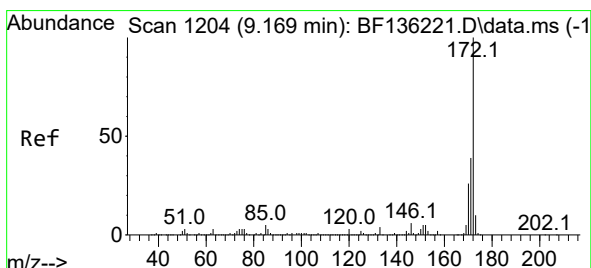
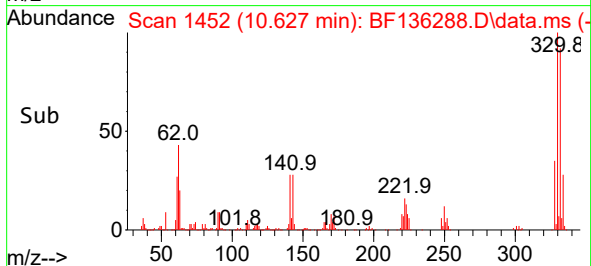
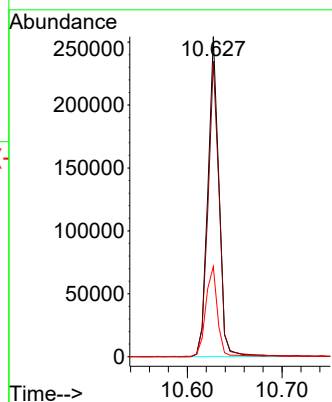
Tgt Ion:330 Resp: 205651

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

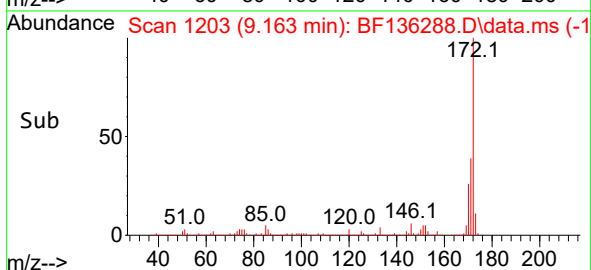
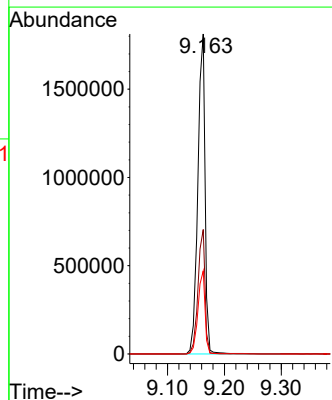
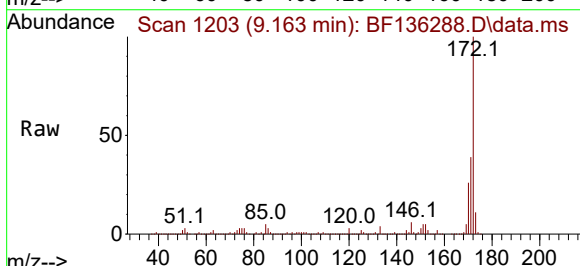
Tgt Ion:172 Resp: 1624134

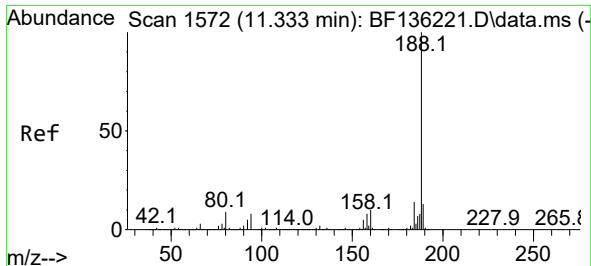
Ion Ratio Lower Upper

172 100

171 38.9 31.5 47.3

170 25.9 20.8 31.2

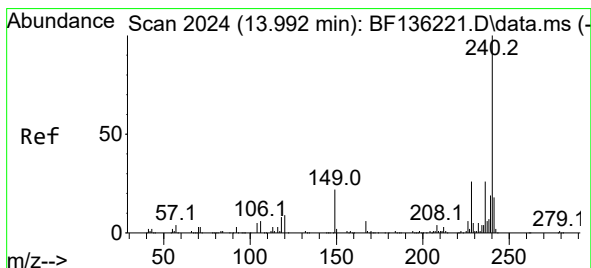
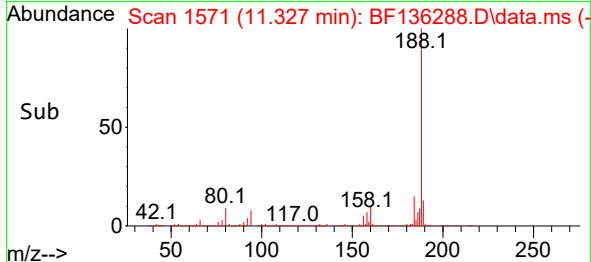
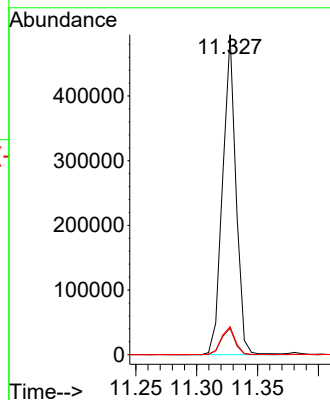
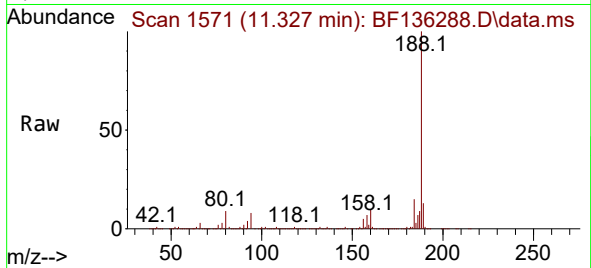




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136288.D
Acq: 29 Nov 2023 17:39

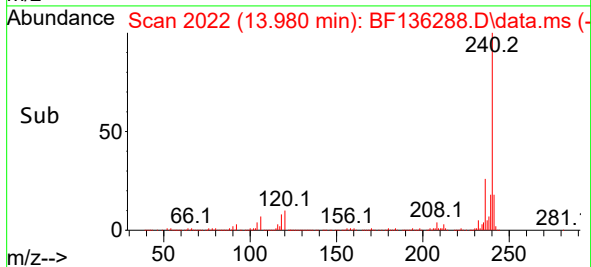
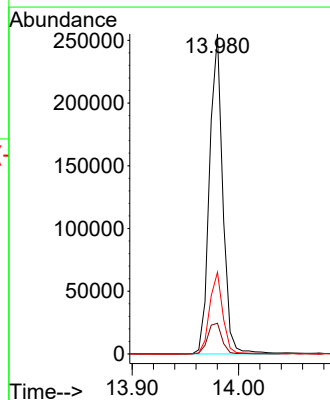
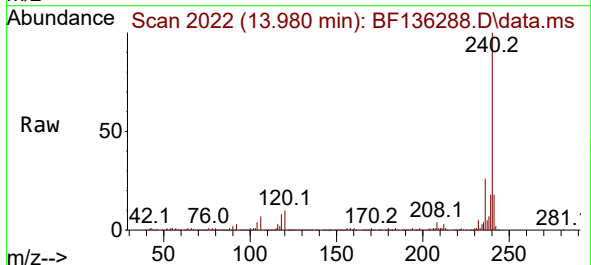
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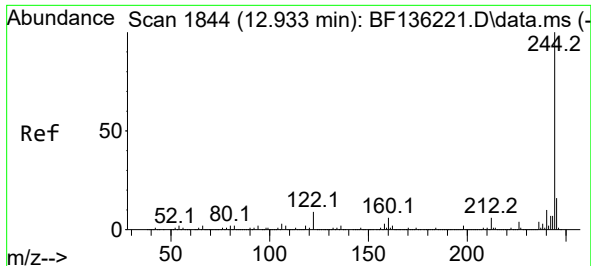
Tgt Ion:188 Resp: 377451
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.8 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136288.D
Acq: 29 Nov 2023 17:39

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

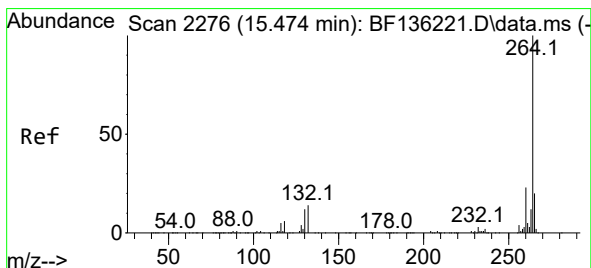
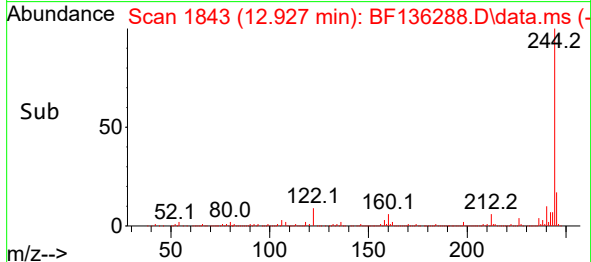
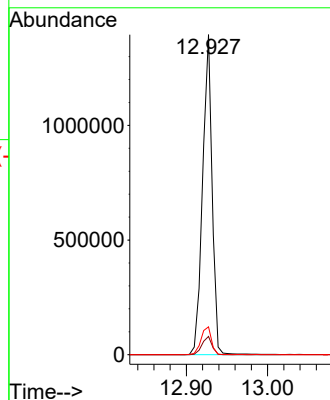
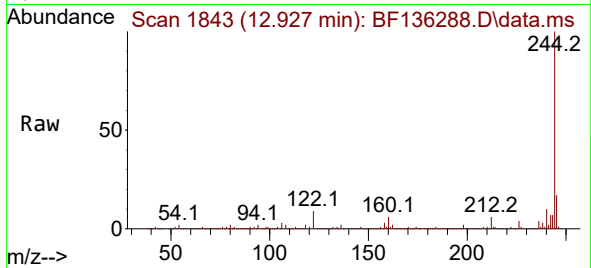




#79
 Terphenyl-d14
 Concen: 59.531 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136288.D
 Acq: 29 Nov 2023 17:39

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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



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.012 min
 Lab File: BF136288.D
 Acq: 29 Nov 2023 17:39

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

