

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
 Data File : BF130887.D
 Acq On : 31 Oct 2022 19:20
 Operator : CG\JU
 Sample : N5357-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5051-1

Quant Time: Nov 01 02:31:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 05:41:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	73882	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	270170	20.000	ng	# 0.00
39) Acenaphthene-d10	9.986	164	131302	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	209642	20.000	ng	0.00
76) Chrysene-d12	14.127	240	163109	20.000	ng	0.00
86) Perylene-d12	15.645	264	125151	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	258143	60.572	ng	0.00
7) Phenol-d6	6.551	99	196815	35.538	ng	-0.01
23) Nitrobenzene-d5	7.504	82	505965	112.926	ng	-0.01
42) 2,4,6-Tribromophenol	10.780	330	157803	142.770	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	863395	99.416	ng	0.00
79) Terphenyl-d14	13.074	244	762192	85.629	ng	0.00

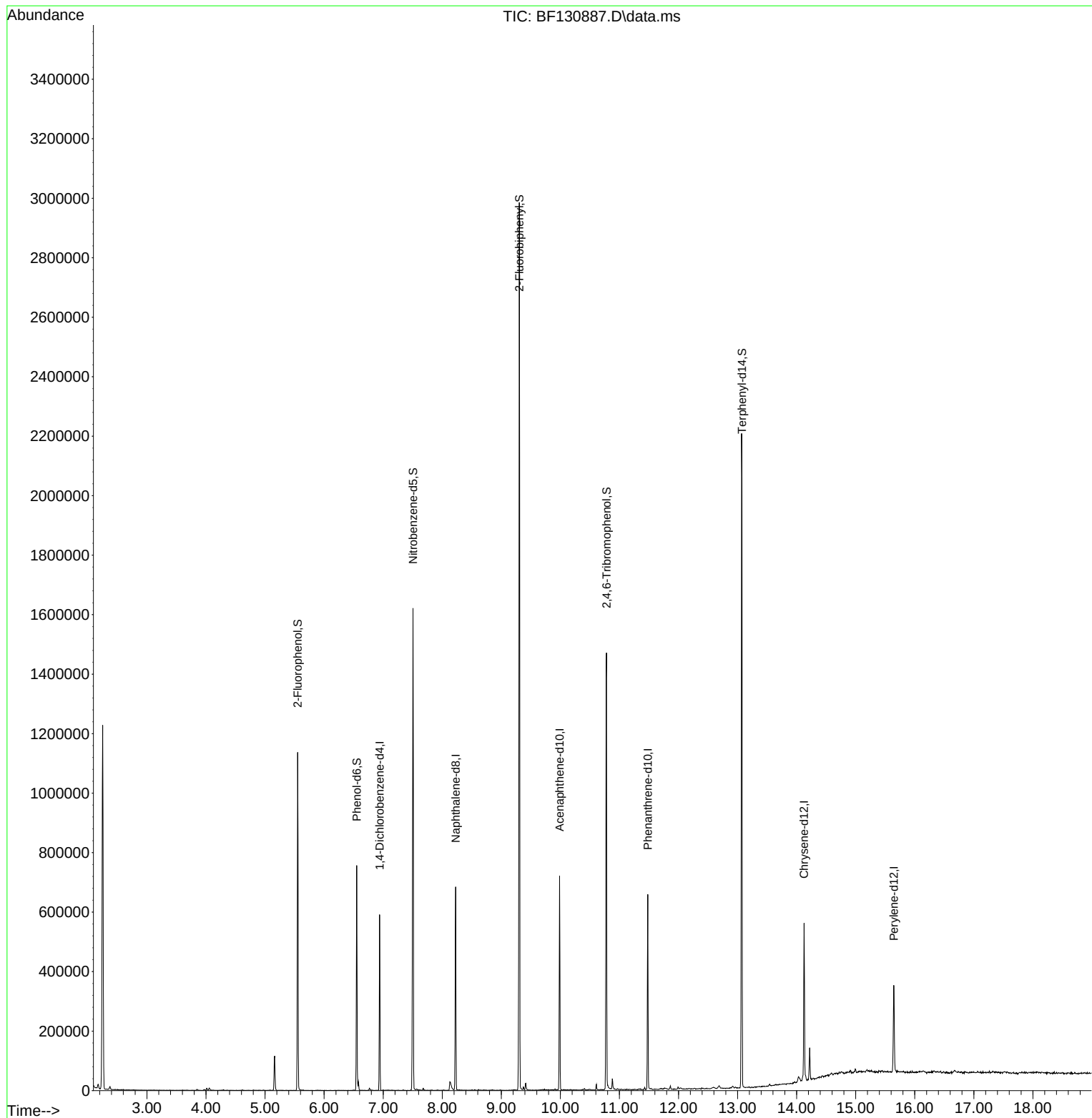
Target Compounds Qvalue

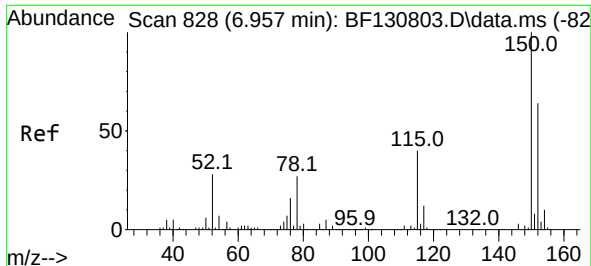
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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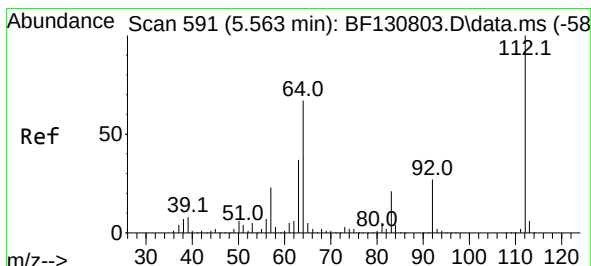
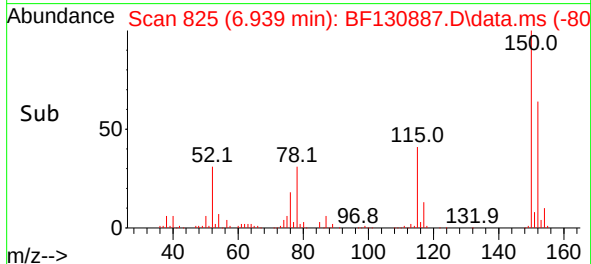
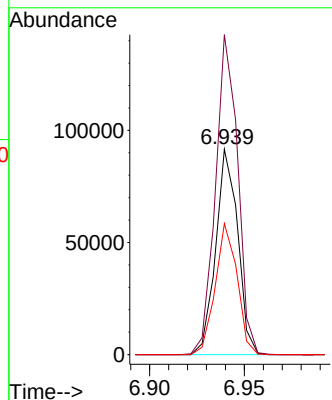
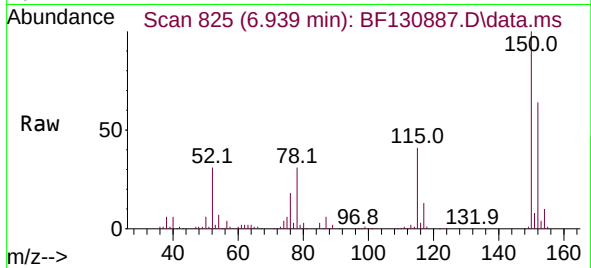




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.939 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF130887.D
 Acq: 31 Oct 2022 19:20

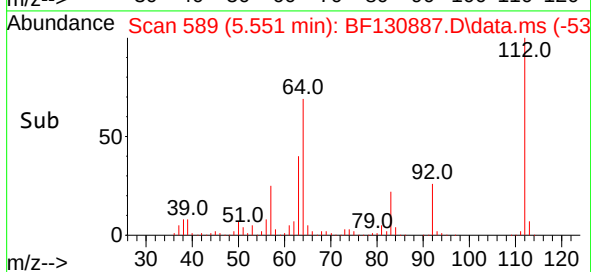
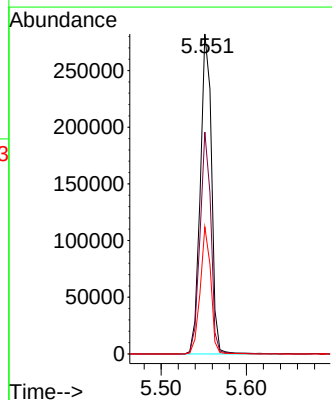
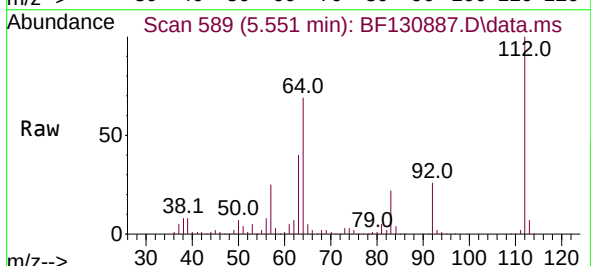
Instrument :
 BNA_F
 ClientSampleId :
 5051-1

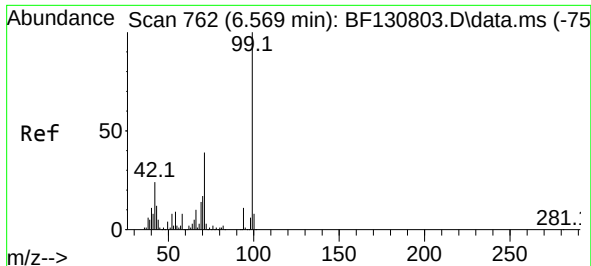
Tgt Ion:152 Resp: 73882
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.1 186.1
 115 63.8 50.1 75.1



#5
 2-Fluorophenol
 Concen: 60.572 ng
 RT: 5.551 min Scan# 589
 Delta R.T. -0.006 min
 Lab File: BF130887.D
 Acq: 31 Oct 2022 19:20

Tgt Ion:112 Resp: 258143
 Ion Ratio Lower Upper
 112 100
 64 69.3 53.9 80.9
 63 39.7 29.4 44.2





#7

Phenol-d6

Concen: 35.538 ng

RT: 6.551 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF130887.D

Acq: 31 Oct 2022 19:20

Instrument :

BNA_F

ClientSampleId :

5051-1

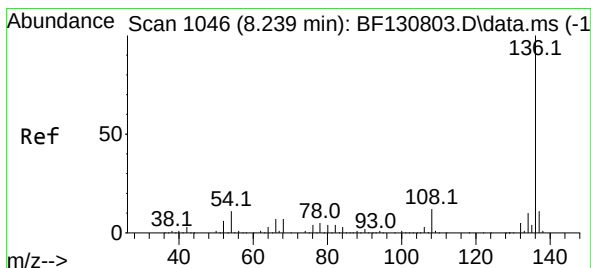
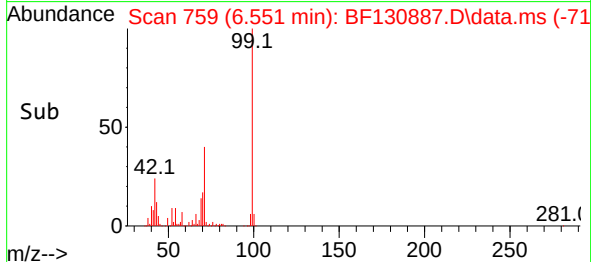
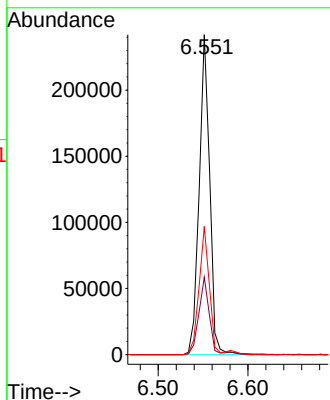
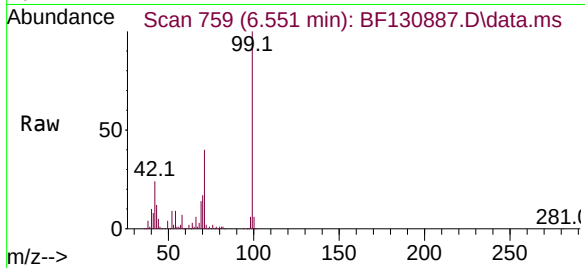
Tgt Ion: 99 Resp: 196815

Ion Ratio Lower Upper

99 100

42 24.2 18.8 28.2

71 40.0 31.4 47.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.228 min Scan# 1044

Delta R.T. -0.006 min

Lab File: BF130887.D

Acq: 31 Oct 2022 19:20

Tgt Ion: 136 Resp: 270170

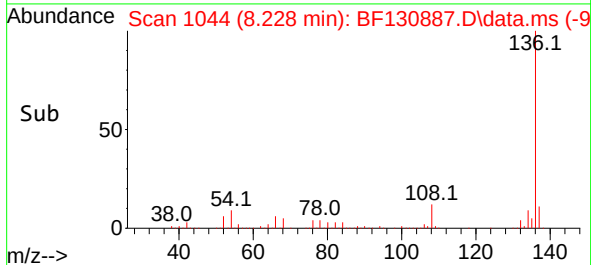
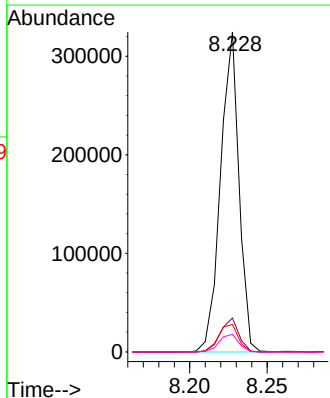
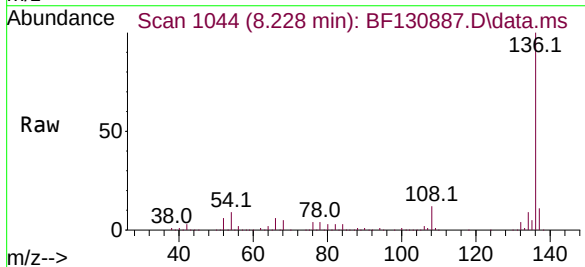
Ion Ratio Lower Upper

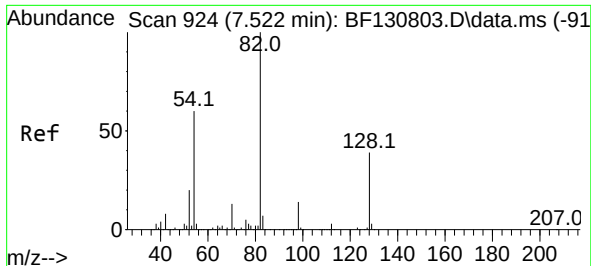
136 100

137 10.6 9.2 13.8

54 8.6 8.8 13.2

68 5.5 5.2 7.8

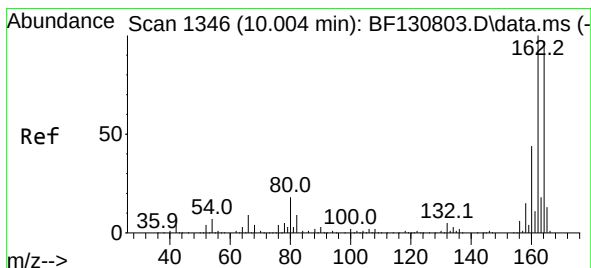
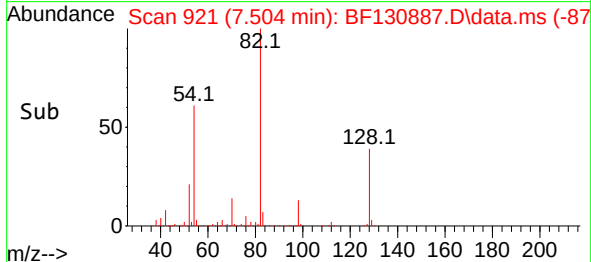
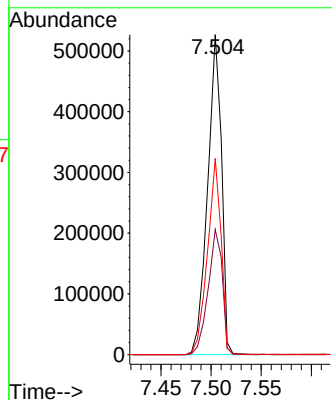
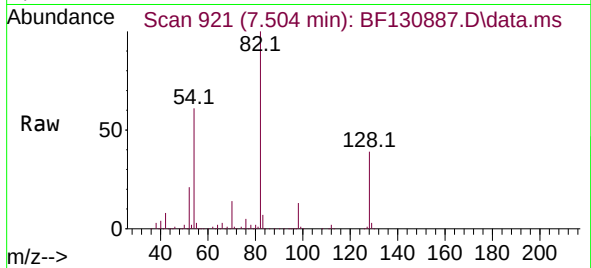




#23
Nitrobenzene-d5
Concen: 112.926 ng
RT: 7.504 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130887.D
Acq: 31 Oct 2022 19:20

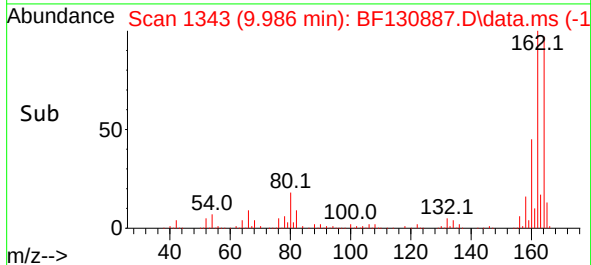
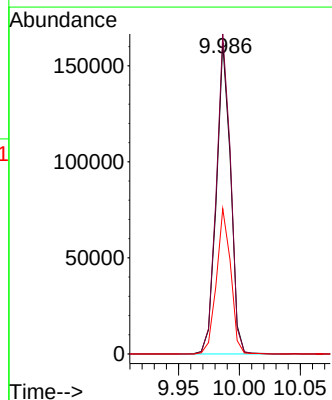
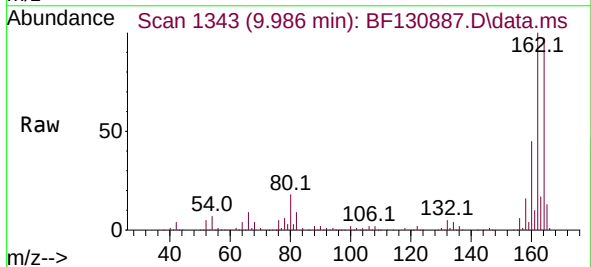
Instrument :
BNA_F
ClientSampleId :
5051-1

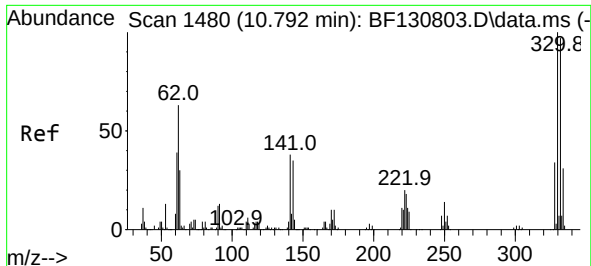
Tgt Ion: 82 Resp: 505965
Ion Ratio Lower Upper
82 100
128 39.1 31.2 46.8
54 61.3 48.0 72.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.012 min
Lab File: BF130887.D
Acq: 31 Oct 2022 19:20

Tgt Ion:164 Resp: 131302
Ion Ratio Lower Upper
164 100
162 102.8 82.2 123.2
160 46.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 142.770 ng

RT: 10.780 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF130887.D

Acq: 31 Oct 2022 19:20

Instrument :

BNA_F

ClientSampleId :

5051-1

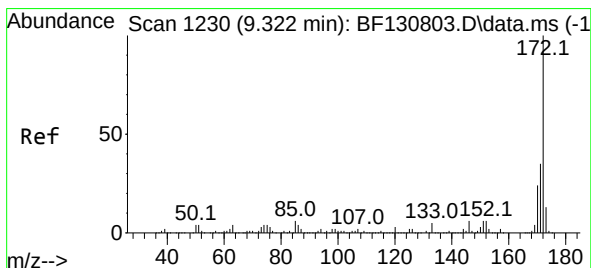
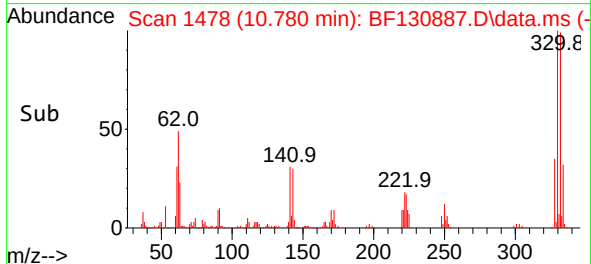
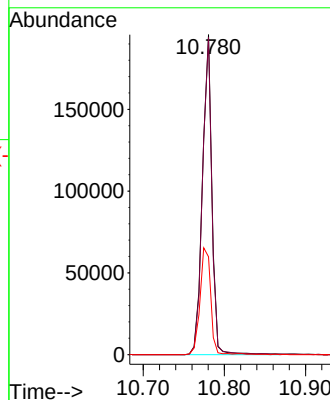
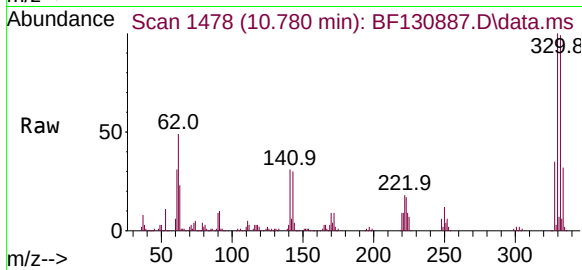
Tgt Ion:330 Resp: 157803

Ion Ratio Lower Upper

330 100

332 98.3 76.2 114.4

141 37.8 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 99.416 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF130887.D

Acq: 31 Oct 2022 19:20

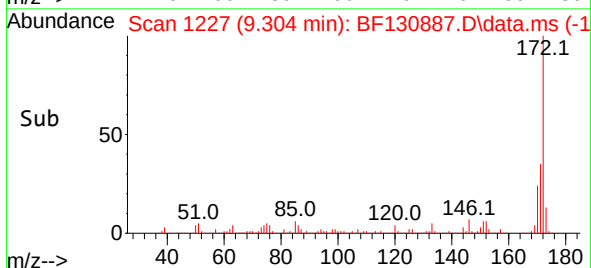
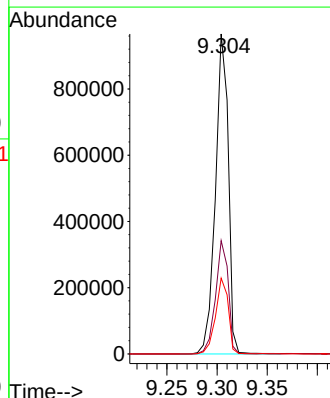
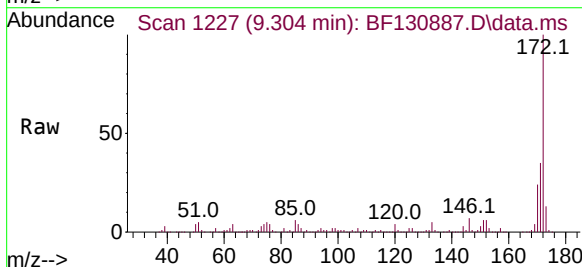
Tgt Ion:172 Resp: 863395

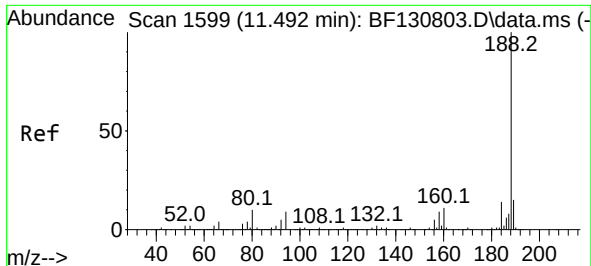
Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 23.7 19.0 28.4

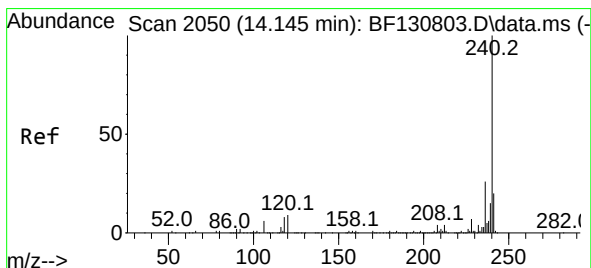
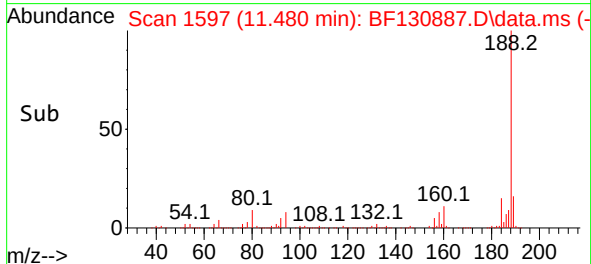
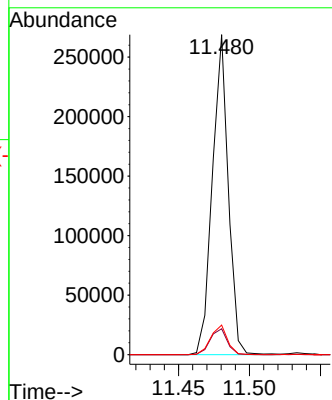
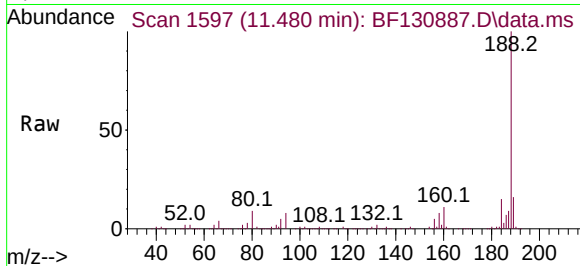




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130887.D
Acq: 31 Oct 2022 19:20

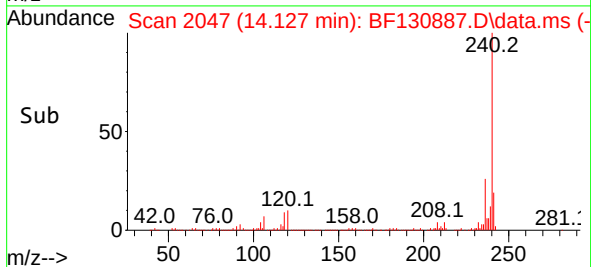
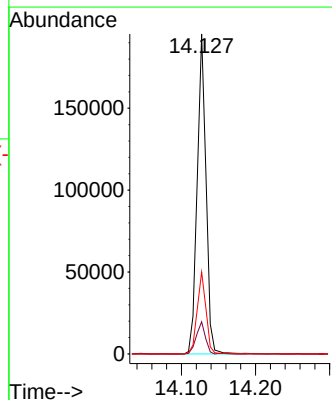
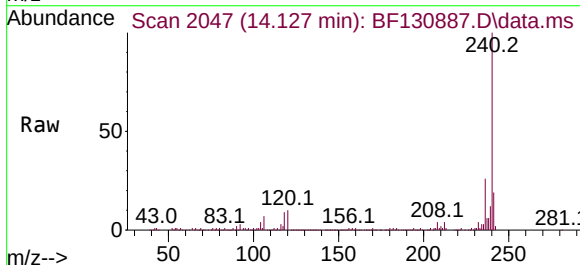
Instrument :
BNA_F
ClientSampleId :
5051-1

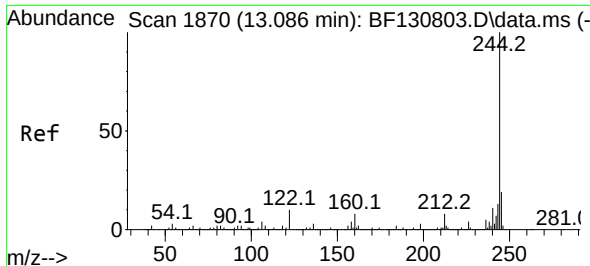
Tgt Ion:188 Resp: 209642
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 9.2 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF130887.D
Acq: 31 Oct 2022 19:20

Tgt Ion:240 Resp: 163109
Ion Ratio Lower Upper
240 100
120 10.0 7.0 10.4
236 25.6 20.5 30.7

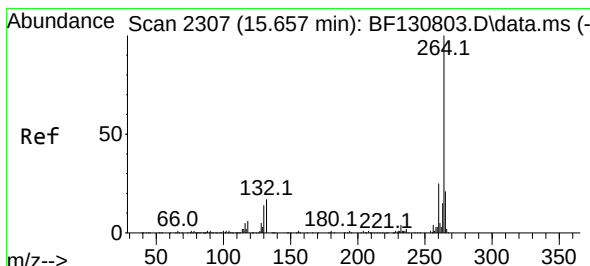
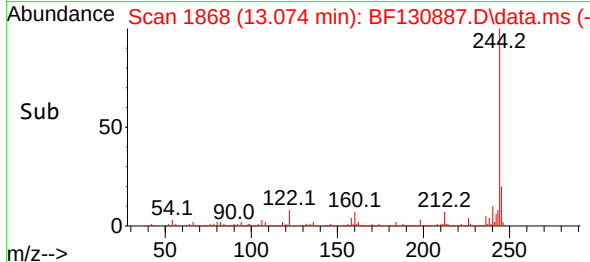
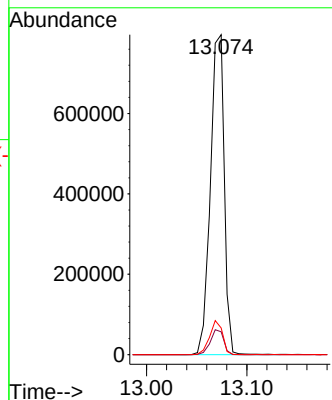
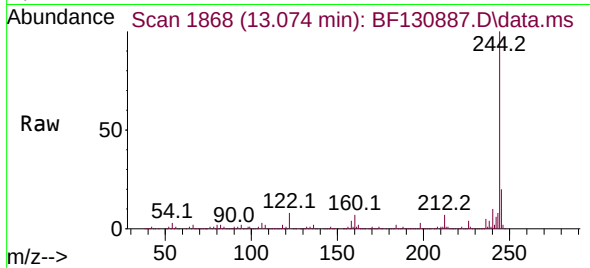




#79
 Terphenyl-d14
 Concen: 85.629 ng
 RT: 13.074 min Scan# 1870
 Delta R.T. -0.000 min
 Lab File: BF130887.D
 Acq: 31 Oct 2022 19:20

Instrument :
 BNA_F
 ClientSampleId :
 5051-1

Tgt Ion:244 Resp: 762192
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 8.3 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.645 min Scan# 2305
 Delta R.T. -0.000 min
 Lab File: BF130887.D
 Acq: 31 Oct 2022 19:20

Tgt Ion:264 Resp: 125151
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.9 29.9
 265 22.3 17.0 25.6

