

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
 Data File : BF130883.D
 Acq On : 31 Oct 2022 17:09
 Operator : CG\JU
 Sample : N5329-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BNM-1

Quant Time: Nov 01 02:29:17 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	76004	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	272754	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	129096	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	201119	20.000	ng	0.00
76) Chrysene-d12	14.127	240	162839	20.000	ng	0.00
86) Perylene-d12	15.645	264	124916	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	290939	66.362	ng	0.00
7) Phenol-d6	6.551	99	227343	39.904	ng	-0.01
23) Nitrobenzene-d5	7.504	82	527369	116.588	ng	-0.01
42) 2,4,6-Tribromophenol	10.780	330	170284	156.694	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	872823	102.219	ng	0.00
79) Terphenyl-d14	13.074	244	788776	88.762	ng	0.00

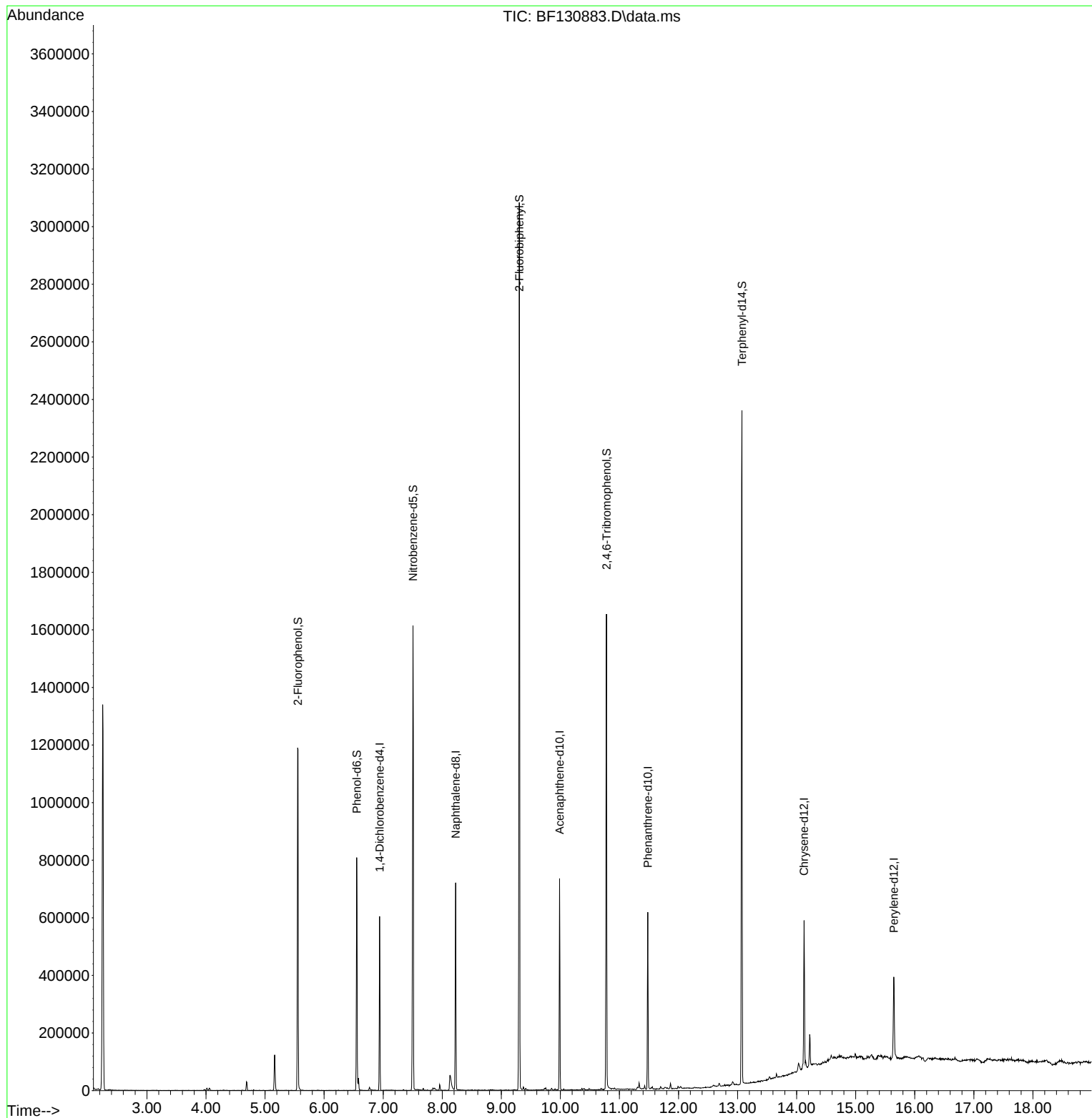
Target Compounds	Qvalue

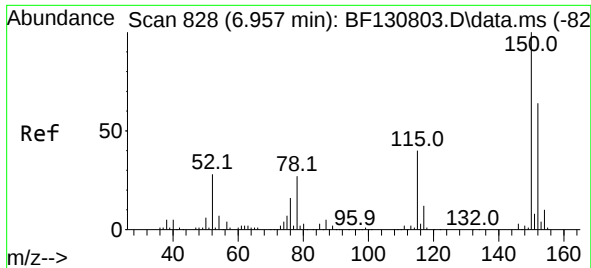
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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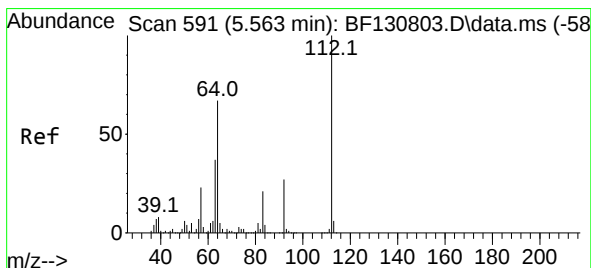
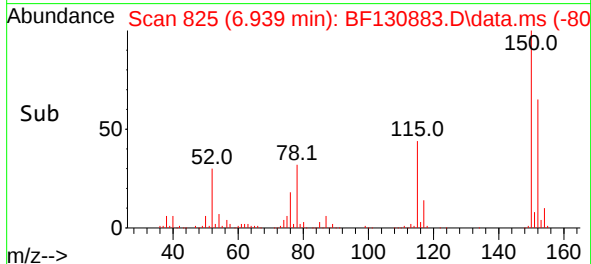
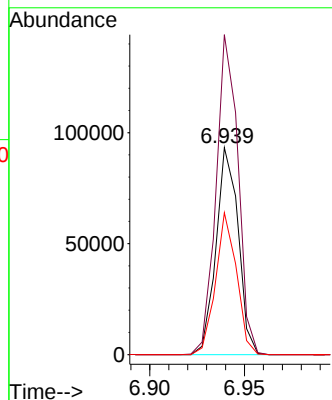
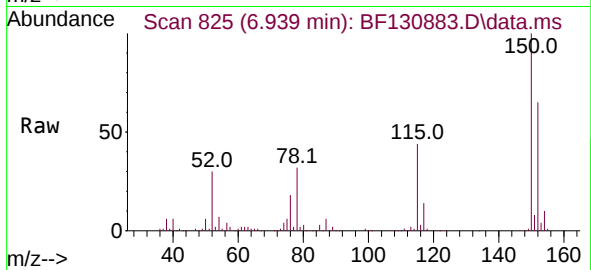




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.939 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF130883.D
 Acq: 31 Oct 2022 17:09

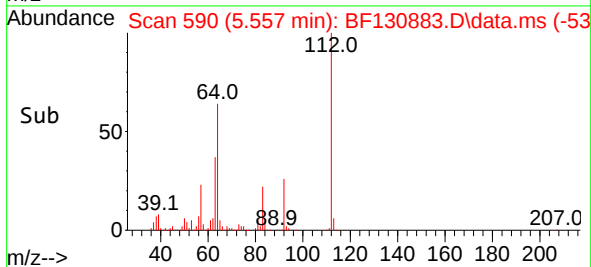
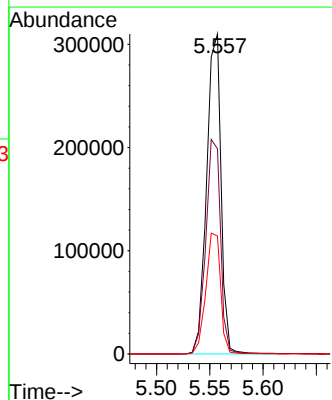
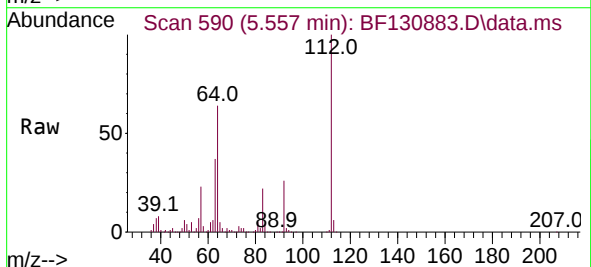
Instrument :
 BNA_F
 ClientSampleId :
 BNM-1

Tgt Ion:152 Resp: 76004
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.1 186.1
 115 68.5 50.1 75.1



#5
 2-Fluorophenol
 Concen: 66.362 ng
 RT: 5.557 min Scan# 590
 Delta R.T. -0.000 min
 Lab File: BF130883.D
 Acq: 31 Oct 2022 17:09

Tgt Ion:112 Resp: 290939
 Ion Ratio Lower Upper
 112 100
 64 64.1 53.9 80.9
 63 36.8 29.4 44.2





#7

Phenol-d6

Concen: 39.904 ng

RT: 6.551 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF130883.D

Acq: 31 Oct 2022 17:09

Instrument :

BNA_F

ClientSampleId :

BNM-1

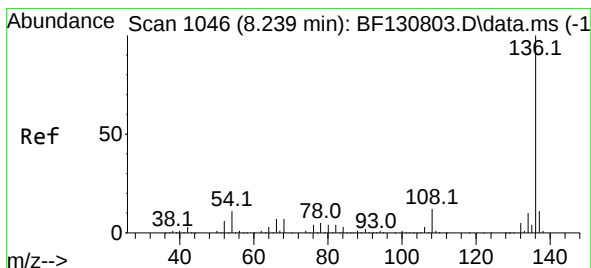
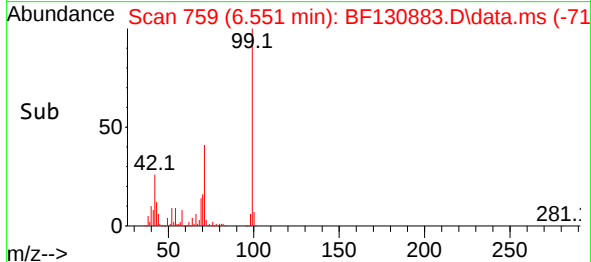
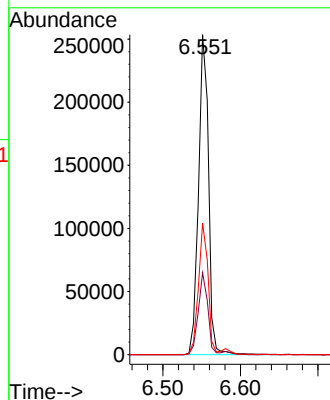
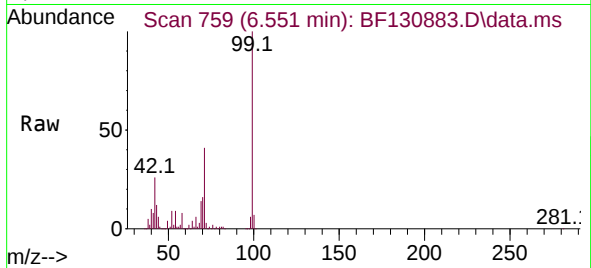
Tgt Ion: 99 Resp: 227343

Ion Ratio Lower Upper

99 100

42 25.6 18.8 28.2

71 41.1 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: BF130883.D

Acq: 31 Oct 2022 17:09

Tgt Ion: 136 Resp: 272754

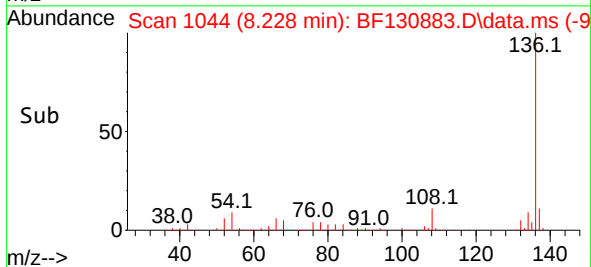
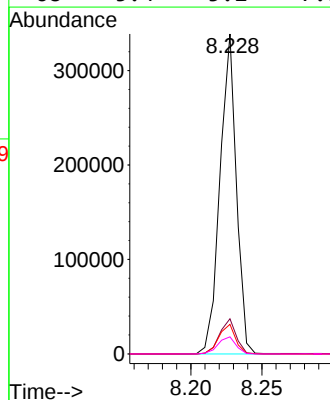
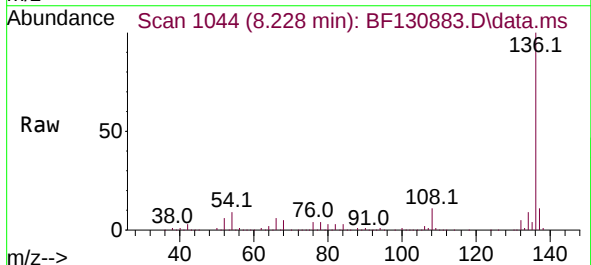
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 9.2 8.8 13.2

68 5.4 5.2 7.8

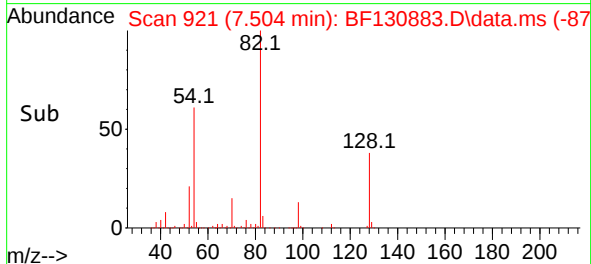
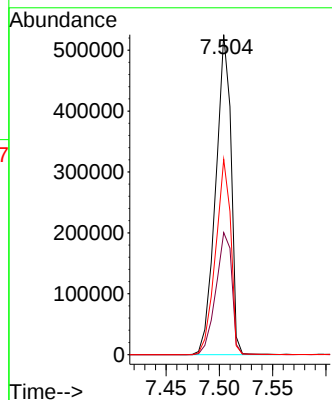
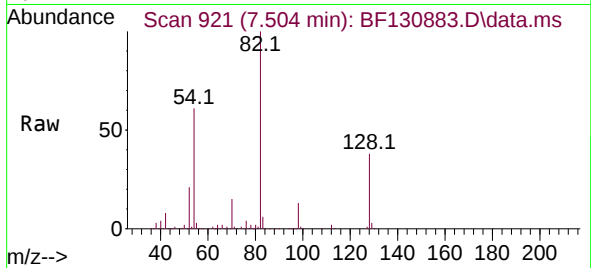




#23
Nitrobenzene-d5
Concen: 116.588 ng
RT: 7.504 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130883.D
Acq: 31 Oct 2022 17:09

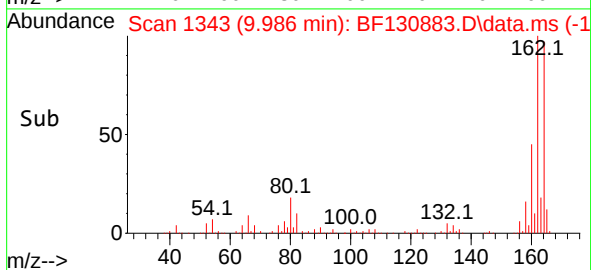
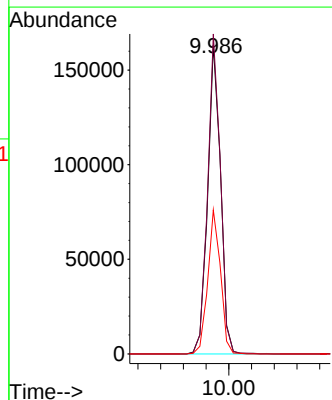
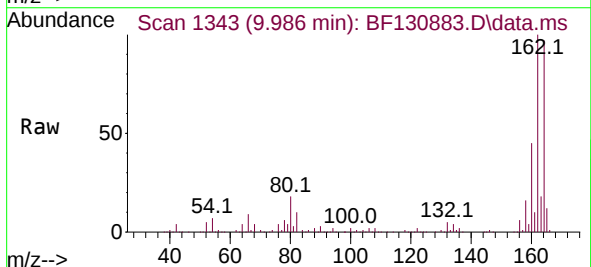
Instrument :
BNA_F
ClientSampleId :
BNM-1

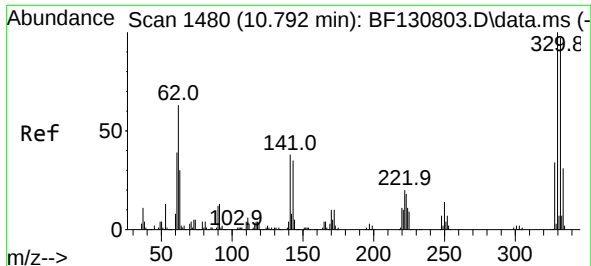
Tgt Ion: 82 Resp: 527369
Ion Ratio Lower Upper
82 100
128 38.1 31.2 46.8
54 61.0 48.0 72.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.012 min
Lab File: BF130883.D
Acq: 31 Oct 2022 17:09

Tgt Ion:164 Resp: 129096
Ion Ratio Lower Upper
164 100
162 103.6 82.2 123.2
160 46.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 156.694 ng

RT: 10.780 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF130883.D

Acq: 31 Oct 2022 17:09

Instrument :

BNA_F

ClientSampleId :

BNM-1

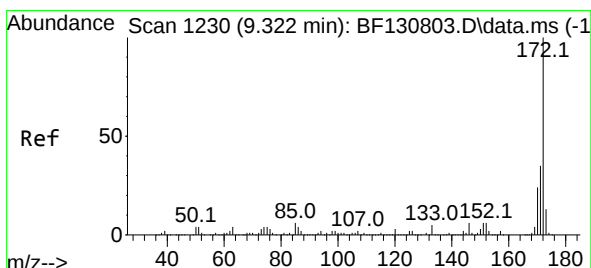
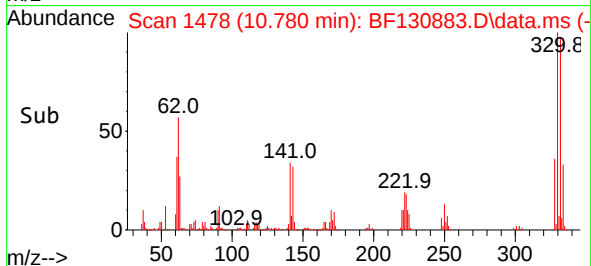
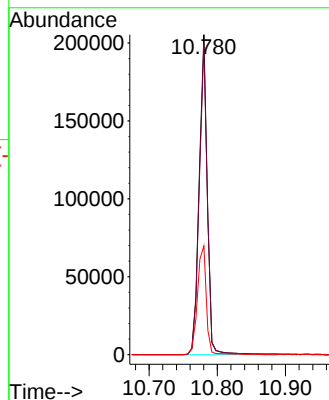
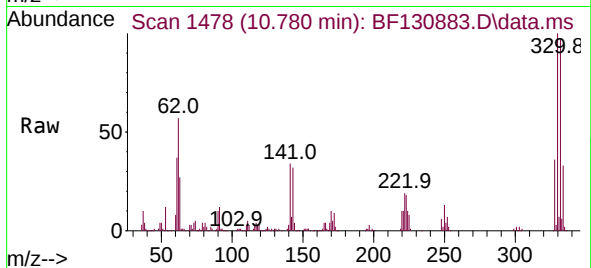
Tgt Ion:330 Resp: 170284

Ion Ratio Lower Upper

330 100

332 96.7 76.2 114.4

141 37.1 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 102.219 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF130883.D

Acq: 31 Oct 2022 17:09

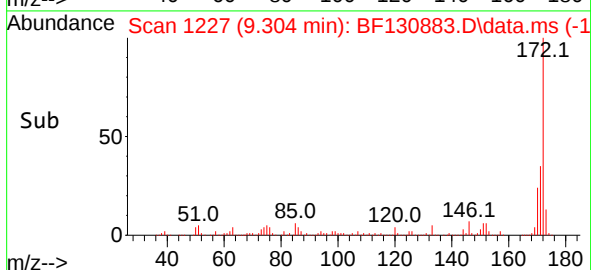
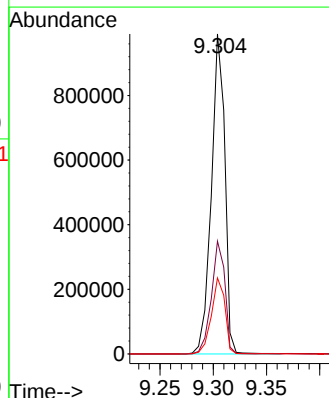
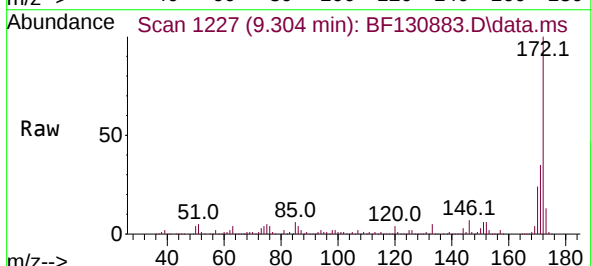
Tgt Ion:172 Resp: 872823

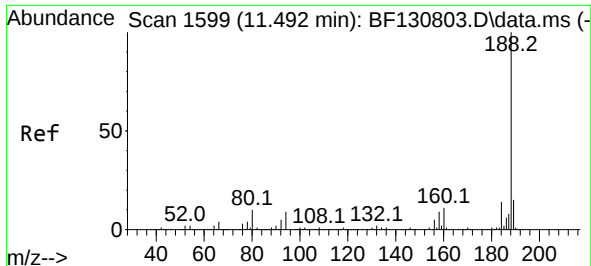
Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 23.7 19.0 28.4

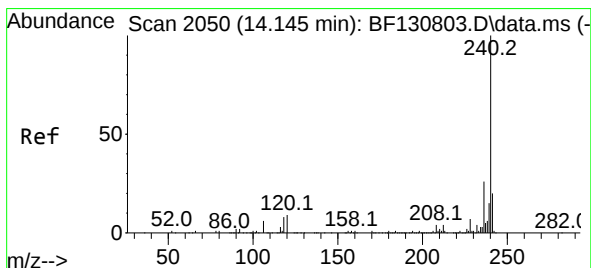
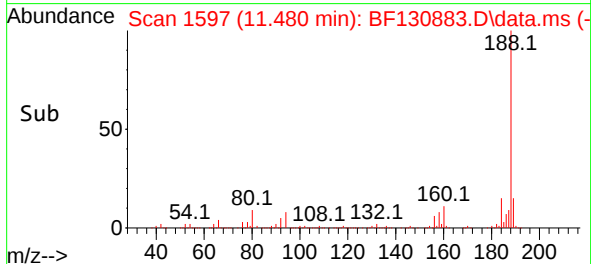
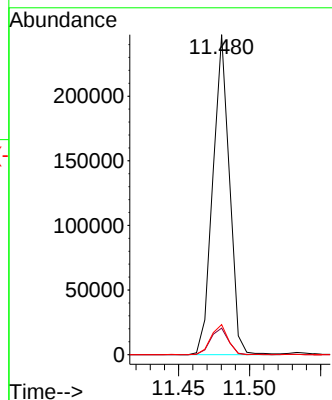
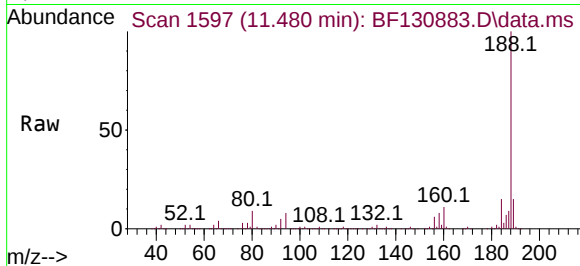




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130883.D
Acq: 31 Oct 2022 17:09

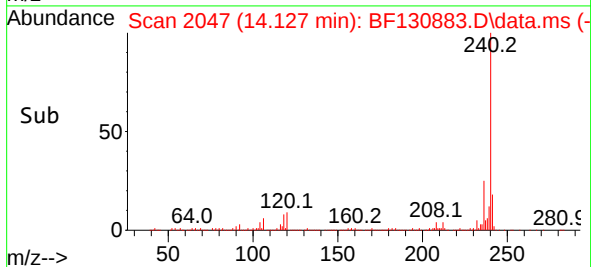
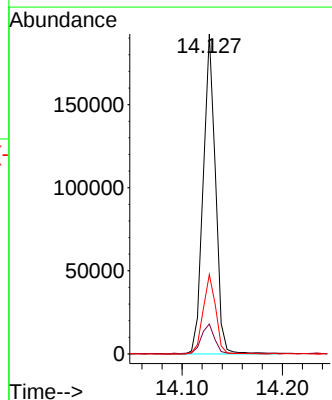
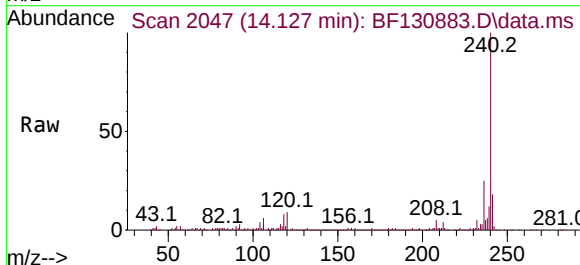
Instrument :
BNA_F
ClientSampleId :
BNM-1

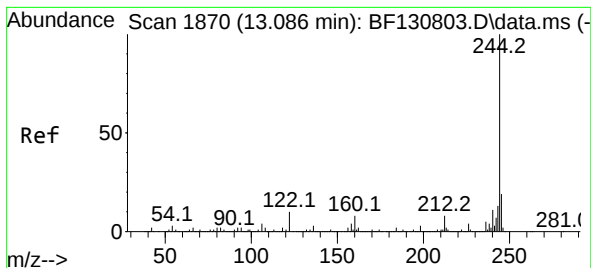
Tgt Ion:188 Resp: 201119
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 9.4 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF130883.D
Acq: 31 Oct 2022 17:09

Tgt Ion:240 Resp: 162839
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.4
236 24.8 20.5 30.7





#79

Terphenyl-d14

Concen: 88.762 ng

RT: 13.074 min Scan# 1870

Delta R.T. -0.000 min

Lab File: BF130883.D

Acq: 31 Oct 2022 17:09

Instrument :

BNA_F

ClientSampleId :

BNM-1

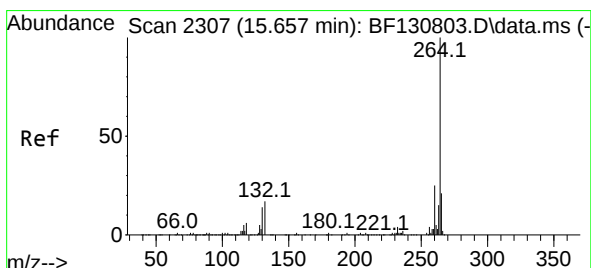
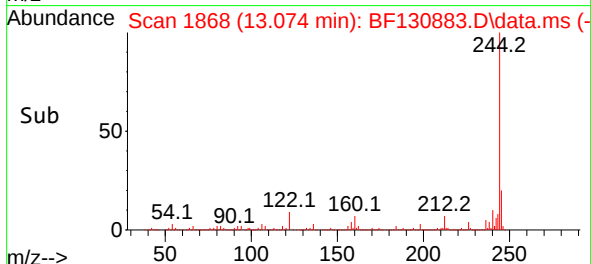
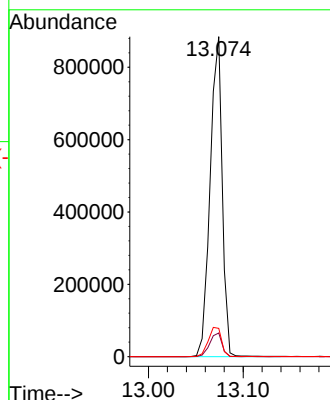
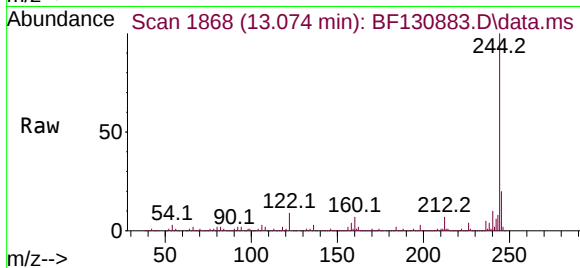
Tgt Ion:244 Resp: 788776

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

122 8.8 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: BF130883.D

Acq: 31 Oct 2022 17:09

Tgt Ion:264 Resp: 124916

Ion Ratio Lower Upper

264 100

260 23.1 19.9 29.9

265 21.1 17.0 25.6

