

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130836.D
 Acq On : 28 Oct 2022 21:59
 Operator : CG\JU
 Sample : N5281-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5D

Quant Time: Oct 29 05:46:52 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	6.946	152	97890	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	372425	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	204272	20.000	ng	-0.01
64) Phenanthrene-d10	11.481	188	385379	20.000	ng	0.00
76) Chrysene-d12	14.127	240	254649	20.000	ng	0.00
86) Perylene-d12	15.639	264	181930	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	525323	93.034	ng	0.00
7) Phenol-d6	6.557	99	694217	94.609	ng	0.00
23) Nitrobenzene-d5	7.504	82	451689	73.132	ng	-0.01
42) 2,4,6-Tribromophenol	10.781	330	178039	103.538	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	873278	64.634	ng	0.00
79) Terphenyl-d14	13.075	244	926723	66.687	ng	0.00

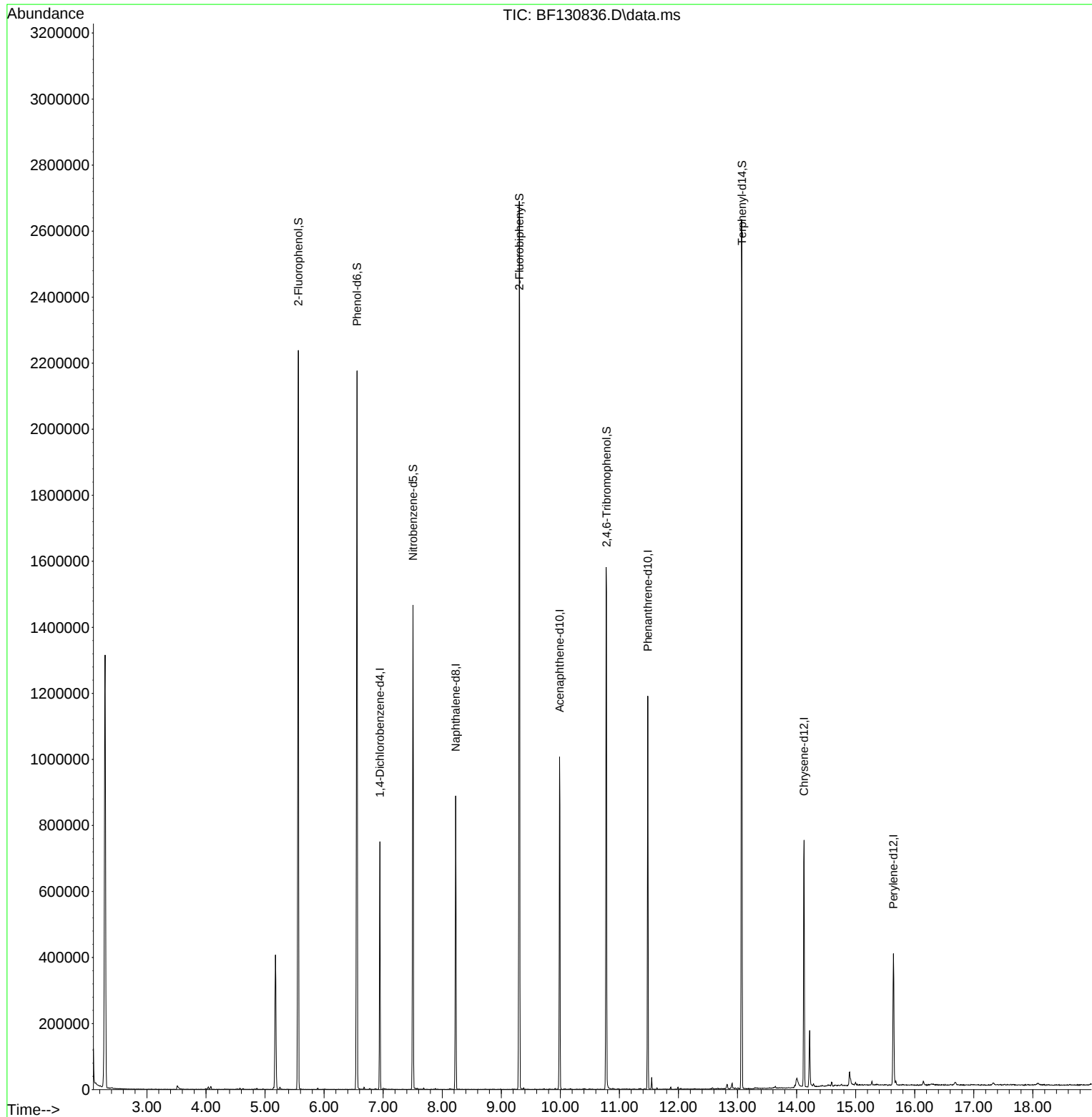
Target Compounds	Qvalue

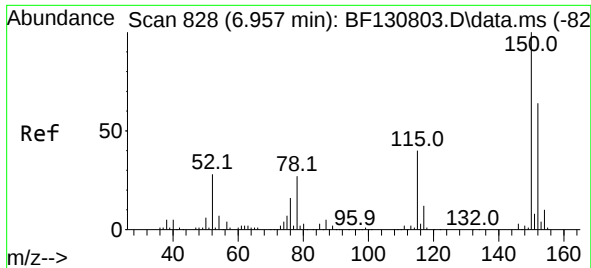
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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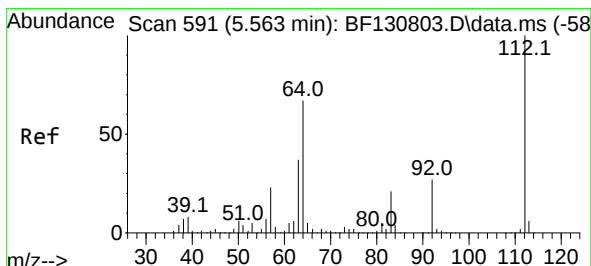
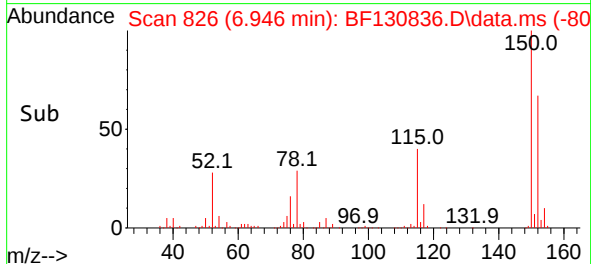
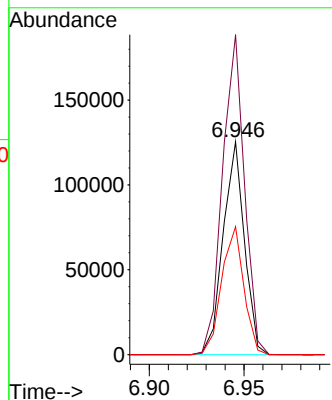
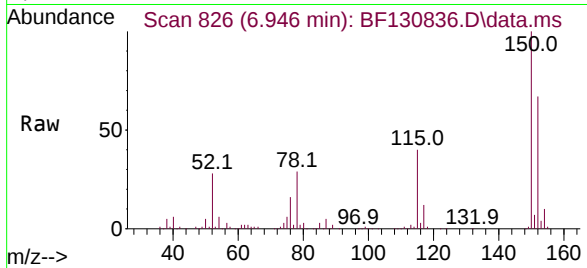




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.946 min Scan# 81
 Delta R.T. 0.001 min
 Lab File: BF130836.D
 Acq: 28 Oct 2022 21:59

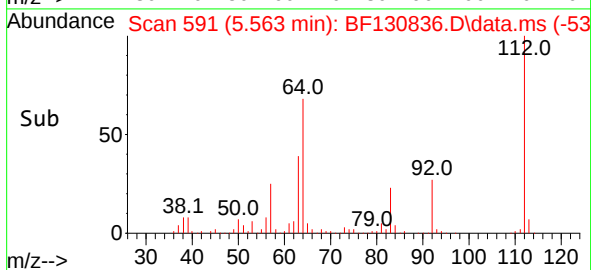
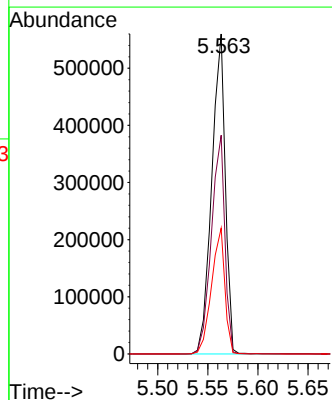
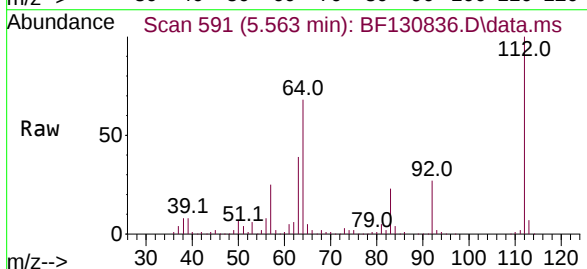
Instrument :
 BNA_F
 ClientSampleId :
 SB-5D

Tgt Ion:152 Resp: 97890
 Ion Ratio Lower Upper
 152 100
 150 150.3 124.1 186.1
 115 60.1 50.1 75.1



#5
 2-Fluorophenol
 Concen: 93.034 ng
 RT: 5.563 min Scan# 591
 Delta R.T. 0.006 min
 Lab File: BF130836.D
 Acq: 28 Oct 2022 21:59

Tgt Ion:112 Resp: 525323
 Ion Ratio Lower Upper
 112 100
 64 68.3 53.9 80.9
 63 39.3 29.4 44.2

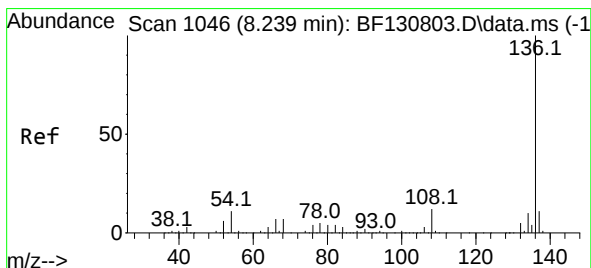
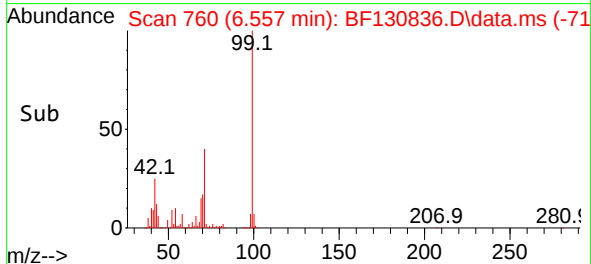
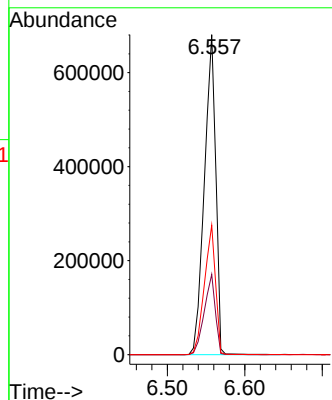
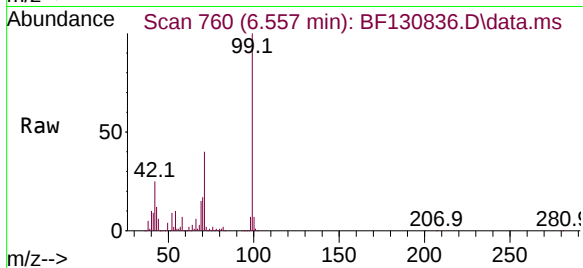




#7
Phenol-d6
Concen: 94.609 ng
RT: 6.557 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130836.D
Acq: 28 Oct 2022 21:59

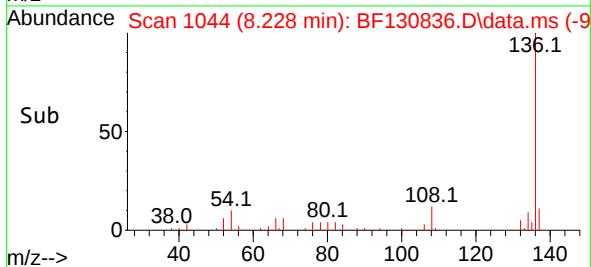
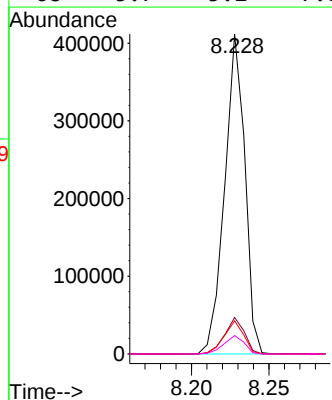
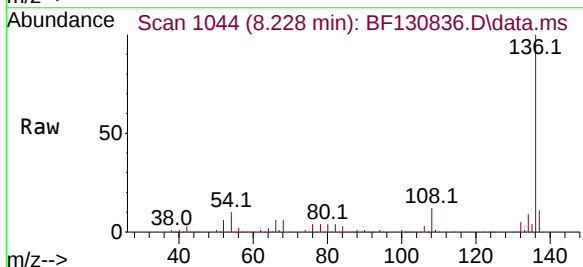
Instrument :
BNA_F
ClientSampleId :
SB-5D

Tgt Ion: 99 Resp: 694217
Ion Ratio Lower Upper
99 100
42 25.1 18.8 28.2
71 40.4 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: BF130836.D
Acq: 28 Oct 2022 21:59

Tgt Ion: 136 Resp: 372425
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 10.3 8.8 13.2
68 5.7 5.2 7.8





#23

Nitrobenzene-d5

Concen: 73.132 ng

RT: 7.504 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF130836.D

Acq: 28 Oct 2022 21:59

Instrument :

BNA_F

ClientSampleId :

SB-5D

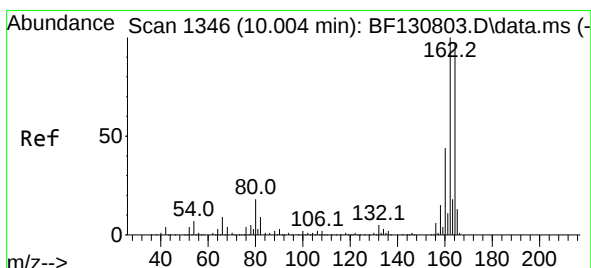
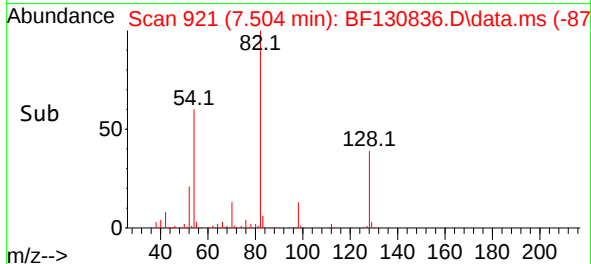
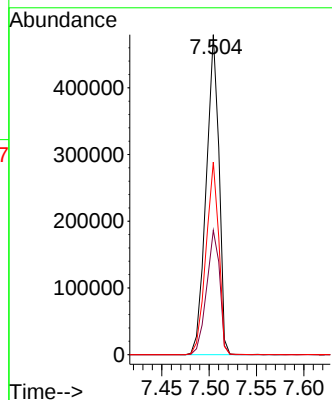
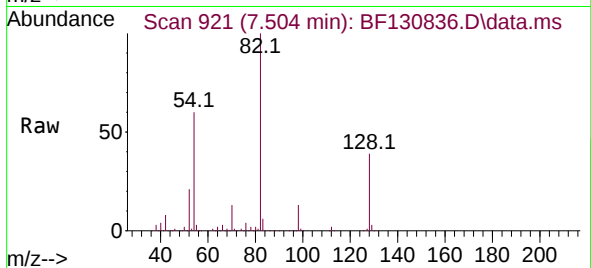
Tgt Ion: 82 Resp: 451689

Ion Ratio Lower Upper

82 100

128 38.8 31.2 46.8

54 60.2 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: BF130836.D

Acq: 28 Oct 2022 21:59

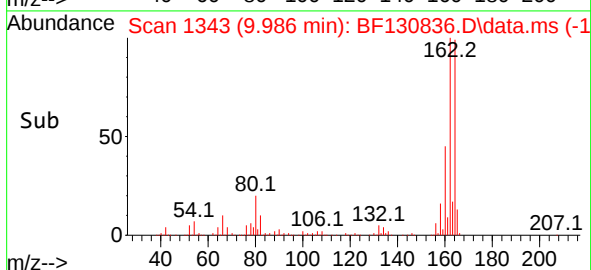
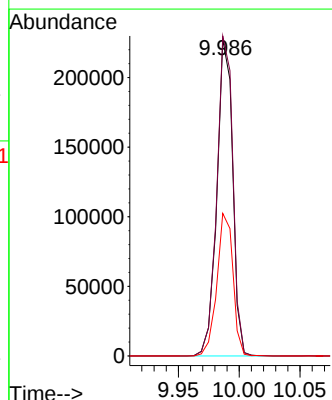
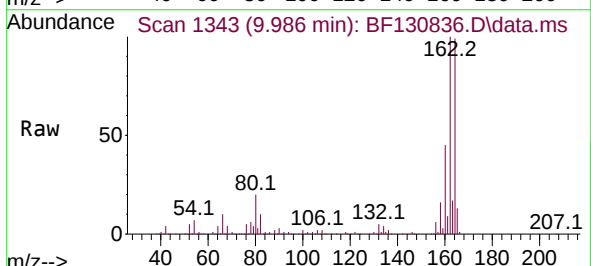
Tgt Ion: 164 Resp: 204272

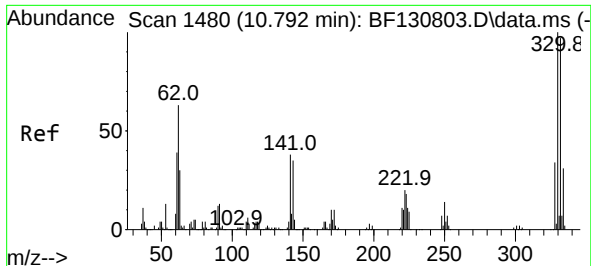
Ion Ratio Lower Upper

164 100

162 101.2 82.2 123.2

160 45.1 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 103.538 ng

RT: 10.781 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF130836.D

Acq: 28 Oct 2022 21:59

Instrument :

BNA_F

ClientSampleId :

SB-5D

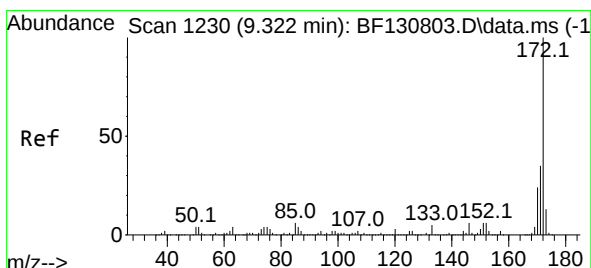
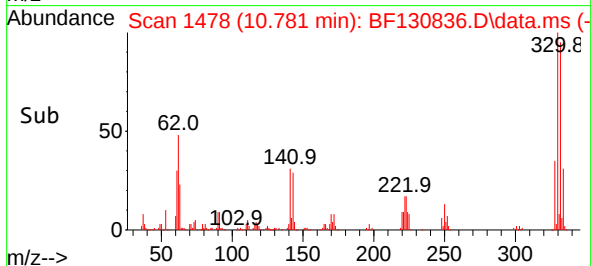
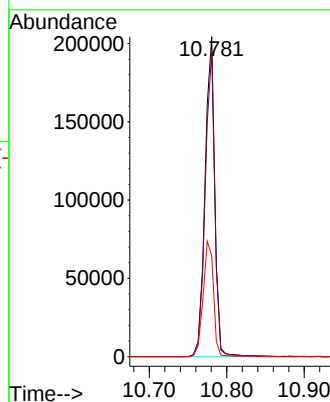
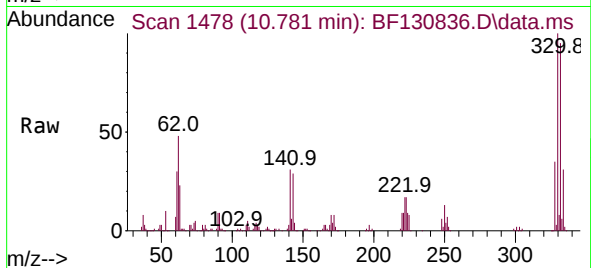
Tgt Ion:330 Resp: 178039

Ion Ratio Lower Upper

330 100

332 94.0 76.2 114.4

141 38.3 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 64.634 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF130836.D

Acq: 28 Oct 2022 21:59

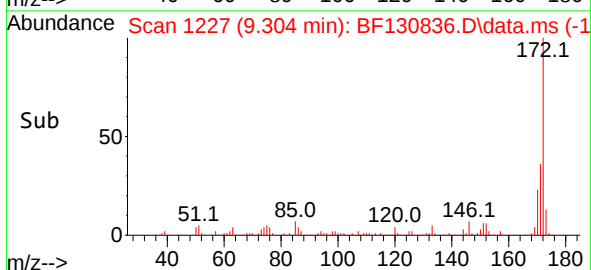
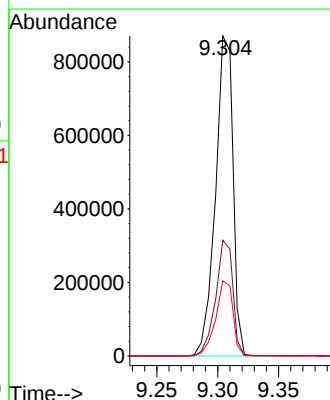
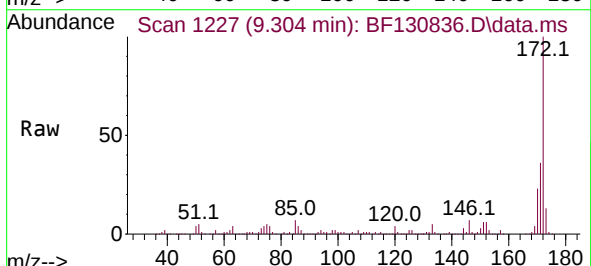
Tgt Ion:172 Resp: 873278

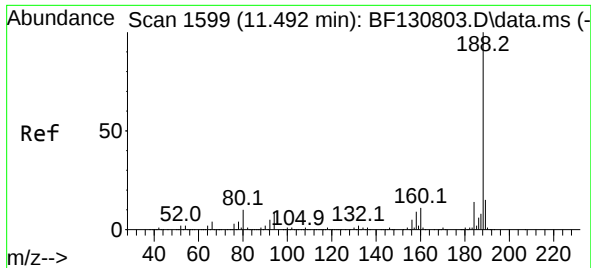
Ion Ratio Lower Upper

172 100

171 36.1 28.1 42.1

170 23.5 19.0 28.4

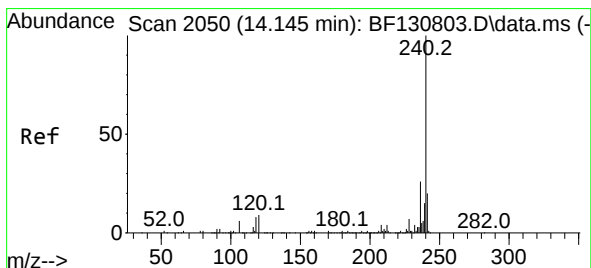
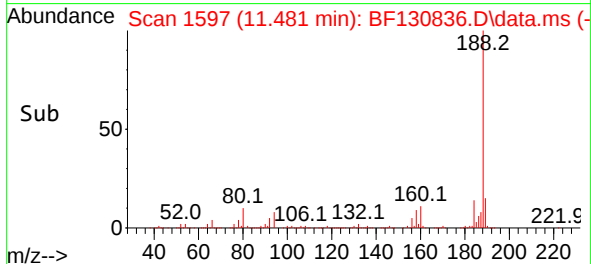
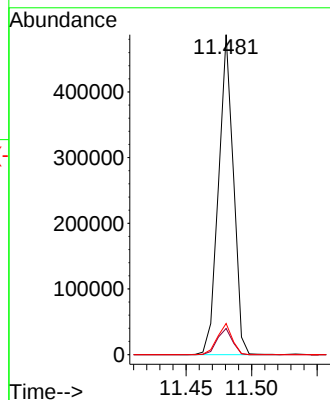
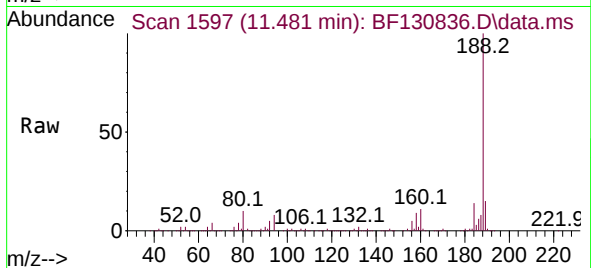




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.481 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130836.D
Acq: 28 Oct 2022 21:59

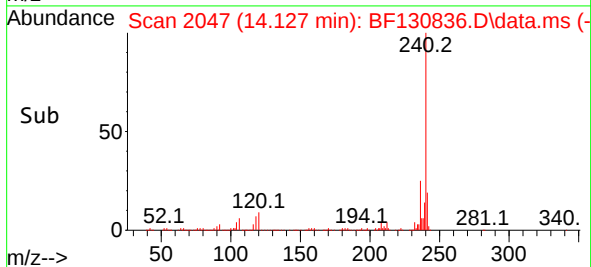
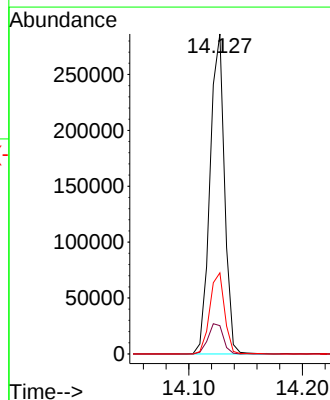
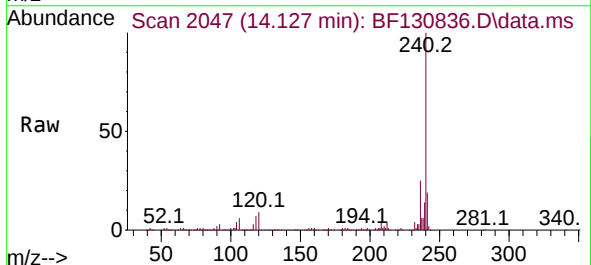
Instrument :
BNA_F
ClientSampleId :
SB-5D

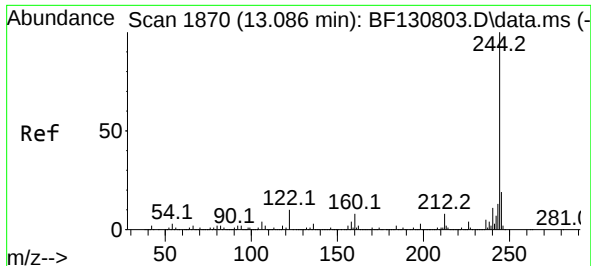
Tgt Ion:188 Resp: 385379
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 9.7 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF130836.D
Acq: 28 Oct 2022 21:59

Tgt Ion:240 Resp: 254649
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.4
236 25.4 20.5 30.7

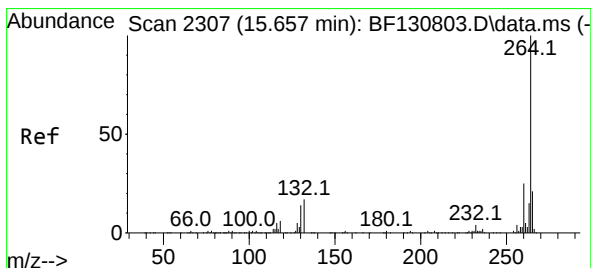
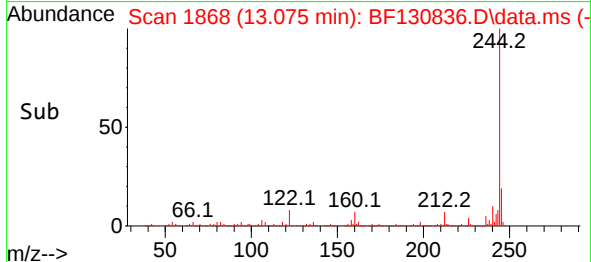
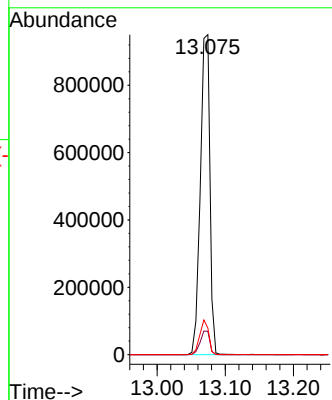
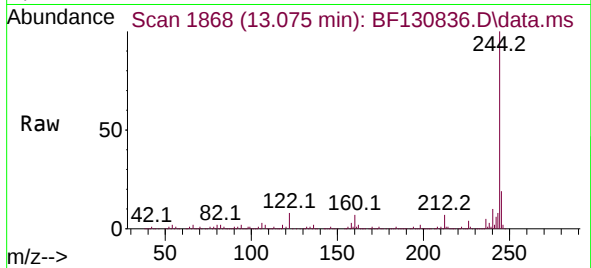




#79
 Terphenyl-d14
 Concen: 66.687 ng
 RT: 13.075 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: BF130836.D
 Acq: 28 Oct 2022 21:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-5D

Tgt Ion:244 Resp: 926723
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 8.3 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2304
 Delta R.T. -0.006 min
 Lab File: BF130836.D
 Acq: 28 Oct 2022 21:59

Tgt Ion:264 Resp: 181930
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.9 29.9
 265 20.8 17.0 25.6

