

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
 Data File : BF130885.D
 Acq On : 31 Oct 2022 18:15
 Operator : CG\JU
 Sample : N5355-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5518-1

Quant Time: Nov 01 02:30:16 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	74616	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	272067	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	132337	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	209430	20.000	ng	0.00
76) Chrysene-d12	14.127	240	161168	20.000	ng	0.00
86) Perylene-d12	15.645	264	133901	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	280196	65.100	ng	0.00
7) Phenol-d6	6.551	99	216141	38.644	ng	-0.01
23) Nitrobenzene-d5	7.504	82	500916	111.019	ng	-0.01
42) 2,4,6-Tribromophenol	10.780	330	169096	151.790	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	860837	98.346	ng	0.00
79) Terphenyl-d14	13.074	244	721718	82.058	ng	0.00

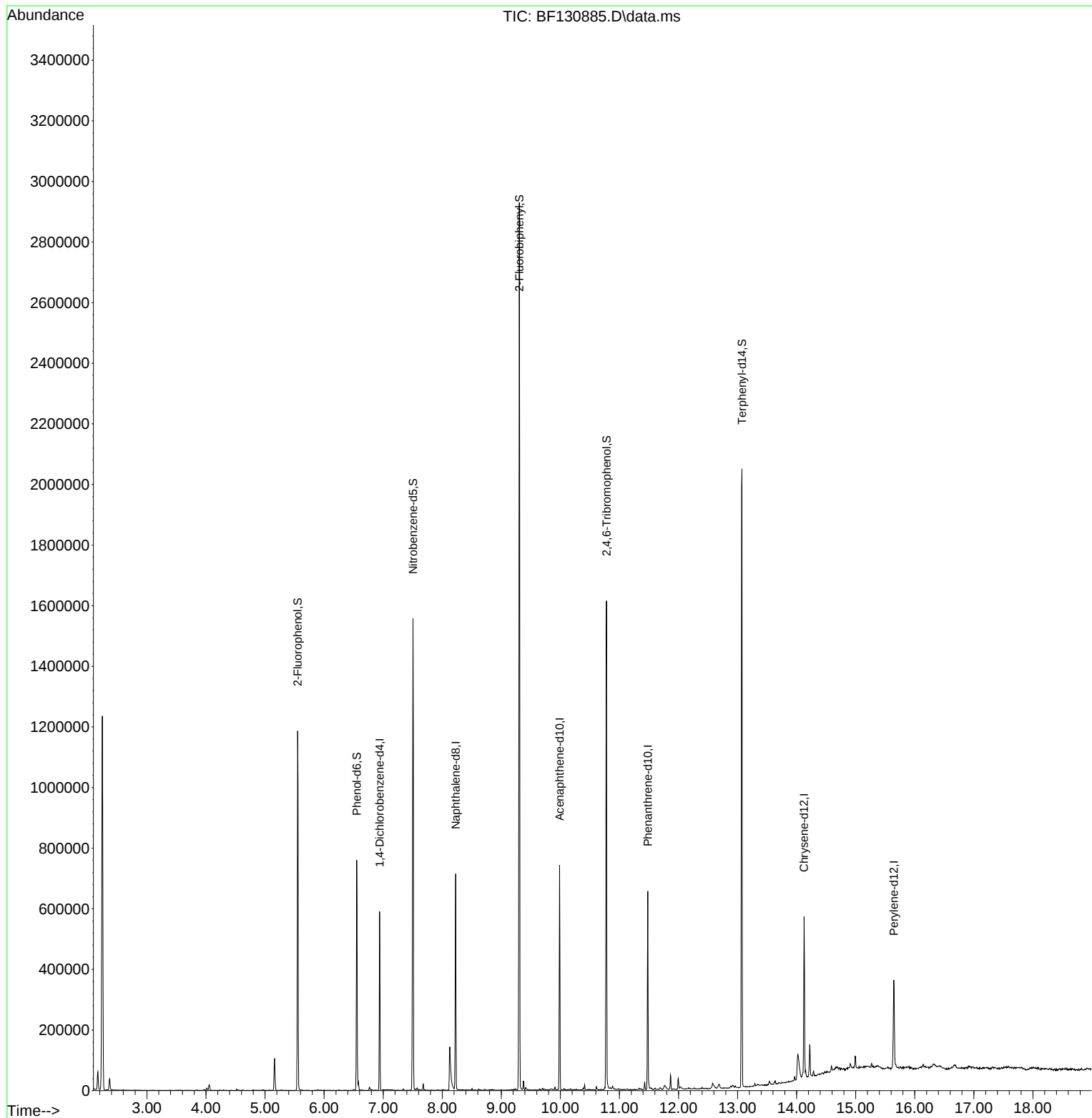
Target Compounds	Qvalue

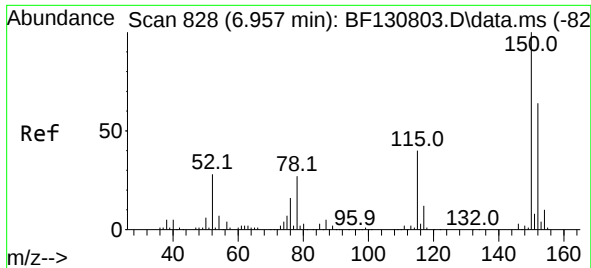
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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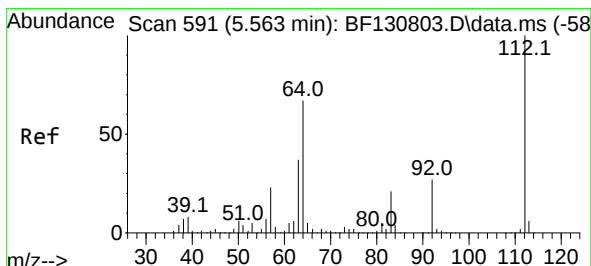
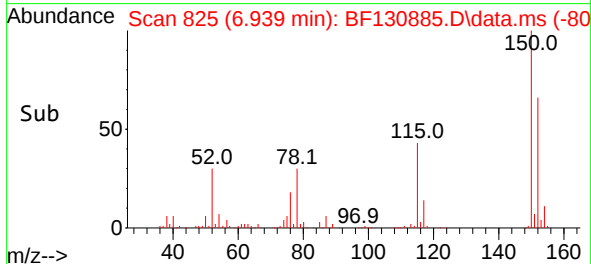
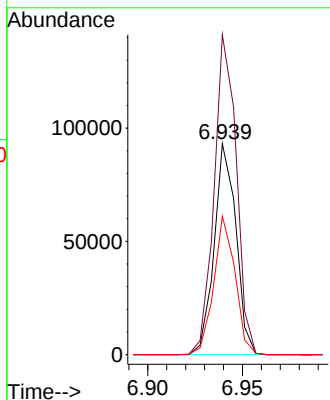
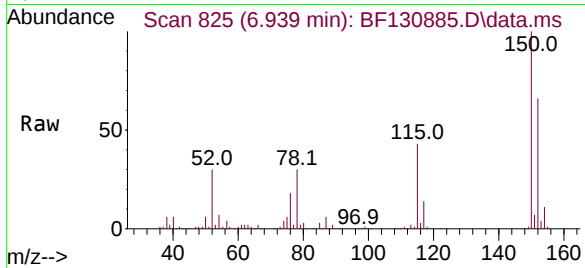




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130885.D
Acq: 31 Oct 2022 18:15

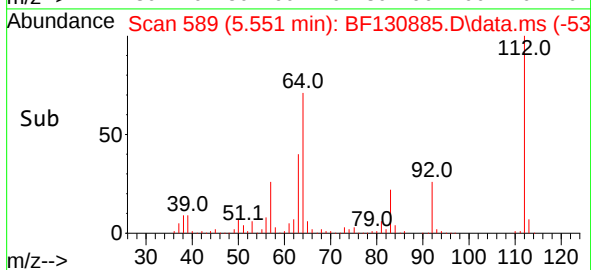
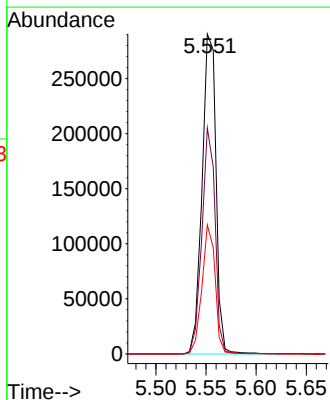
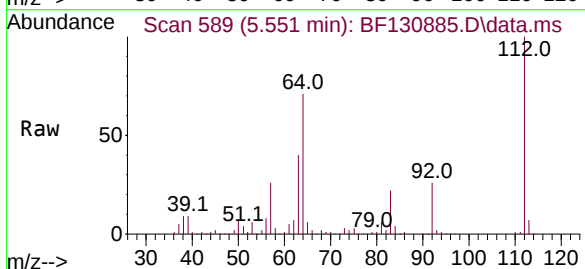
Instrument :
BNA_F
ClientSampleId :
5518-1

Tgt Ion:152 Resp: 74616
Ion Ratio Lower Upper
152 100
150 151.8 124.1 186.1
115 65.7 50.1 75.1



#5
2-Fluorophenol
Concen: 65.100 ng
RT: 5.551 min Scan# 589
Delta R.T. -0.006 min
Lab File: BF130885.D
Acq: 31 Oct 2022 18:15

Tgt Ion:112 Resp: 280196
Ion Ratio Lower Upper
112 100
64 70.6 53.9 80.9
63 40.3 29.4 44.2





#7

Phenol-d6

Concen: 38.644 ng

RT: 6.551 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF130885.D

Acq: 31 Oct 2022 18:15

Instrument :

BNA_F

ClientSampleId :

5518-1

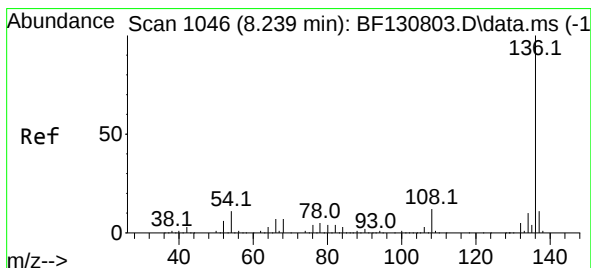
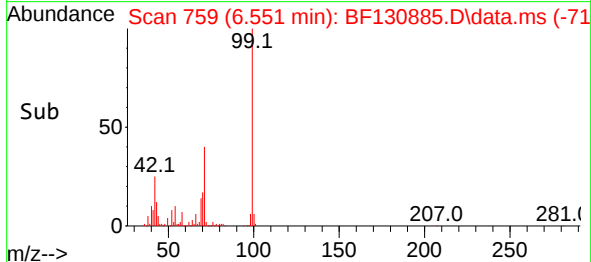
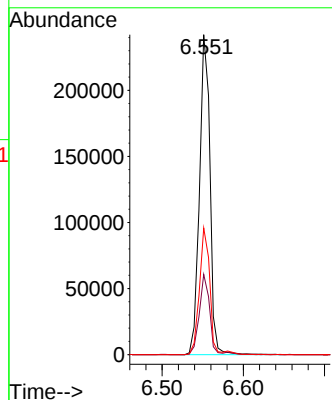
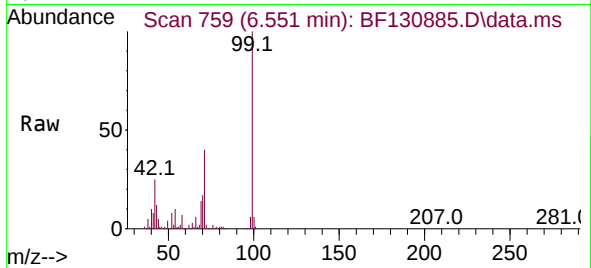
Tgt Ion: 99 Resp: 216141

Ion Ratio Lower Upper

99 100

42 25.1 18.8 28.2

71 39.6 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: BF130885.D

Acq: 31 Oct 2022 18:15

Tgt Ion: 136 Resp: 272067

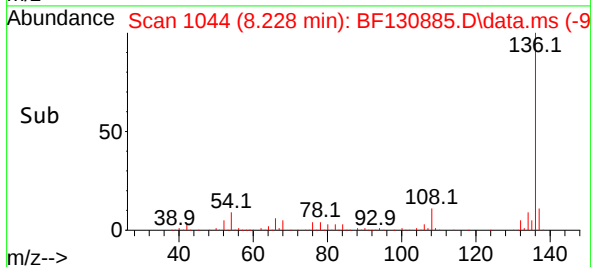
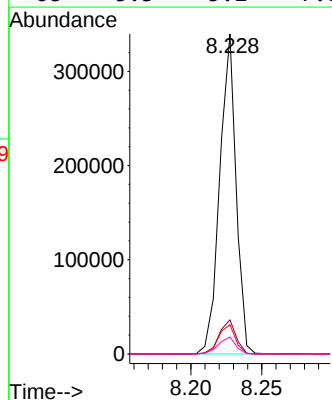
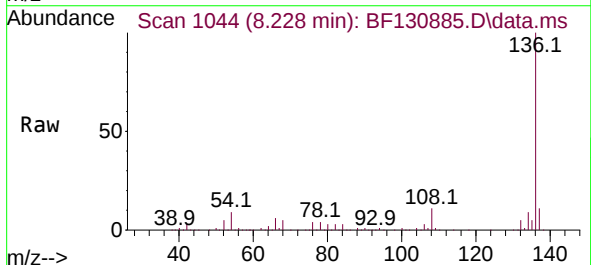
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 9.2 8.8 13.2

68 5.3 5.2 7.8

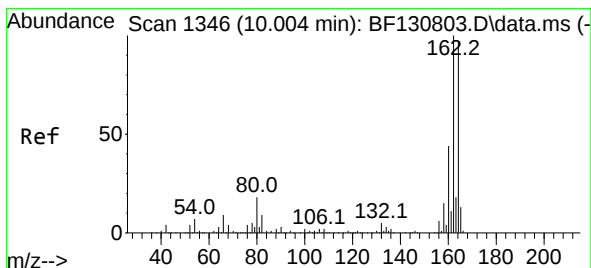
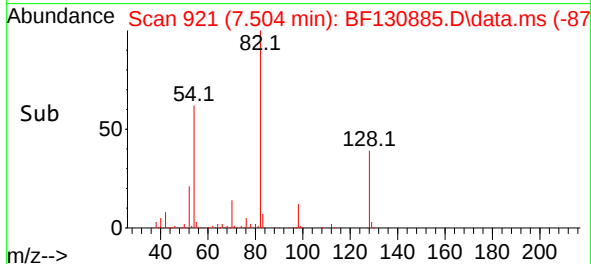
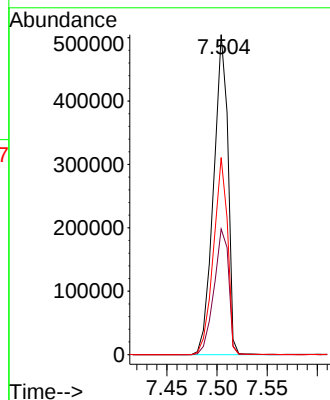
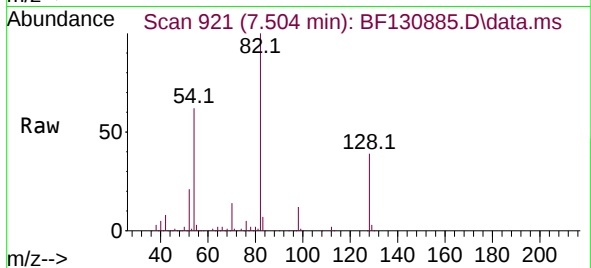




#23
Nitrobenzene-d5
Concen: 111.019 ng
RT: 7.504 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130885.D
Acq: 31 Oct 2022 18:15

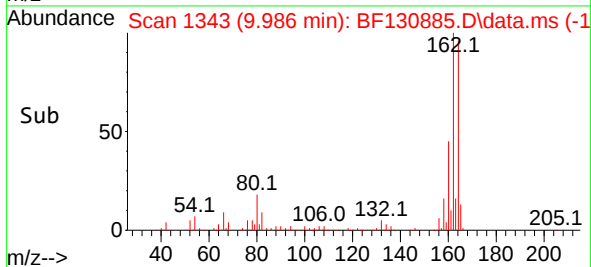
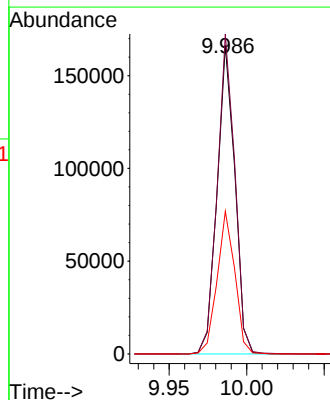
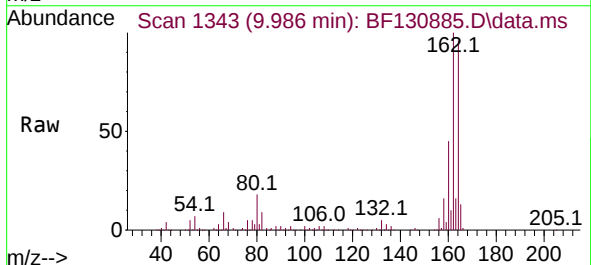
Instrument :
BNA_F
ClientSampleId :
5518-1

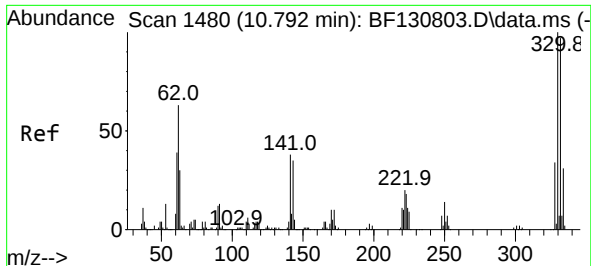
Tgt Ion: 82 Resp: 500916
Ion Ratio Lower Upper
82 100
128 39.3 31.2 46.8
54 61.6 48.0 72.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.012 min
Lab File: BF130885.D
Acq: 31 Oct 2022 18:15

Tgt Ion:164 Resp: 132337
Ion Ratio Lower Upper
164 100
162 103.7 82.2 123.2
160 46.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 151.790 ng

RT: 10.780 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF130885.D

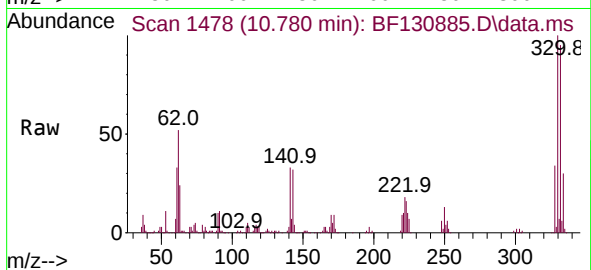
Acq: 31 Oct 2022 18:15

Instrument :

BNA_F

ClientSampleId :

5518-1



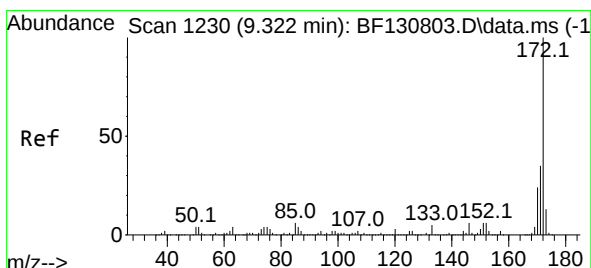
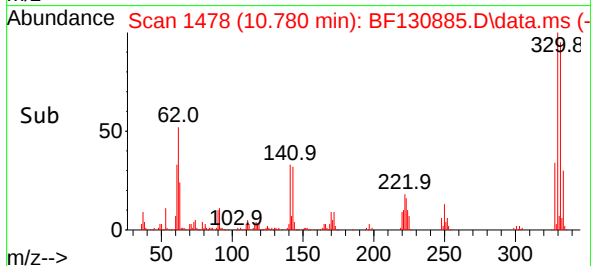
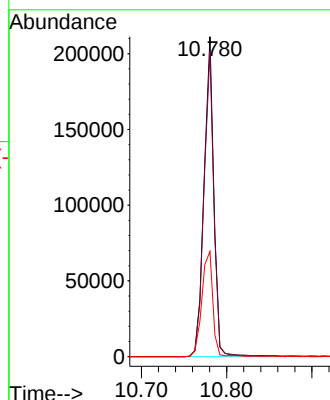
Tgt Ion:330 Resp: 169096

Ion Ratio Lower Upper

330 100

332 95.8 76.2 114.4

141 36.7 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 98.346 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF130885.D

Acq: 31 Oct 2022 18:15

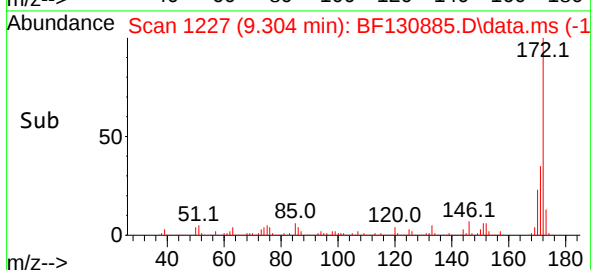
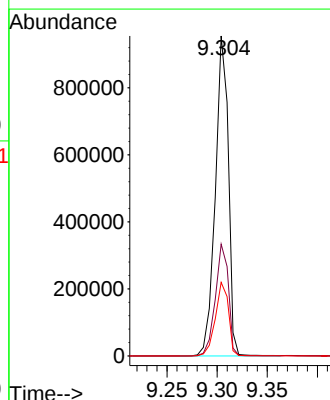
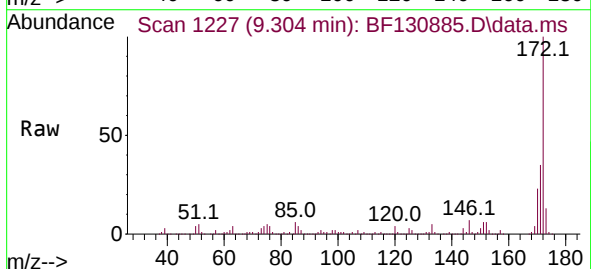
Tgt Ion:172 Resp: 860837

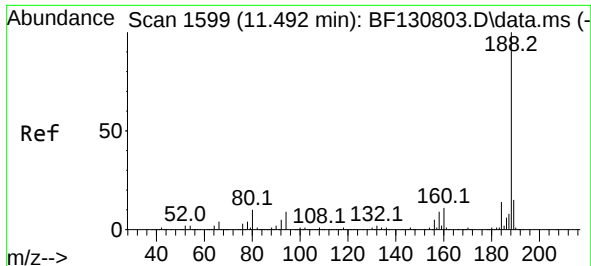
Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.0 19.0 28.4

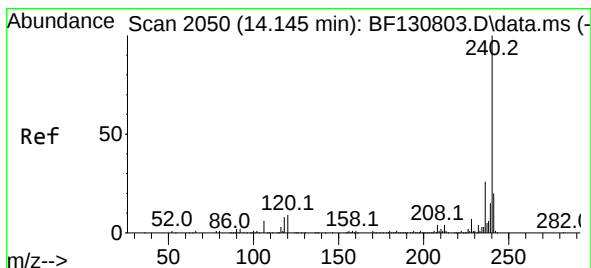
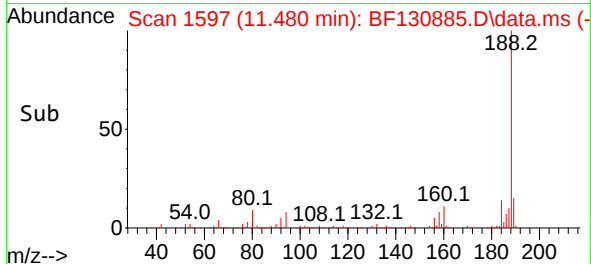
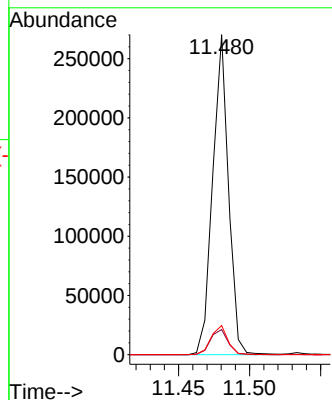
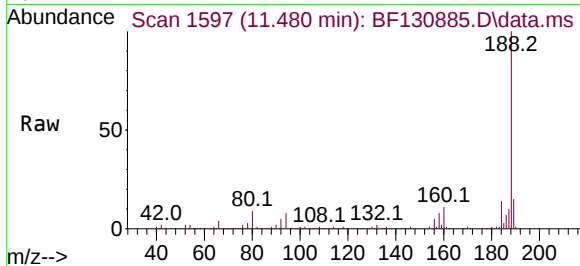




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130885.D
Acq: 31 Oct 2022 18:15

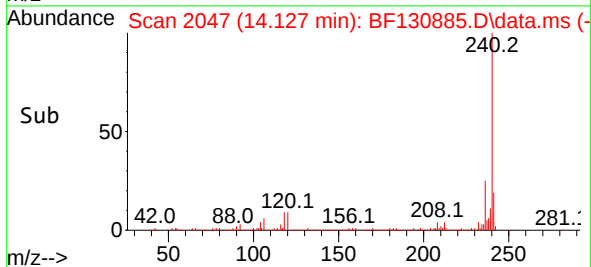
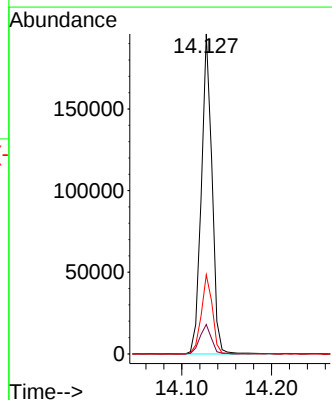
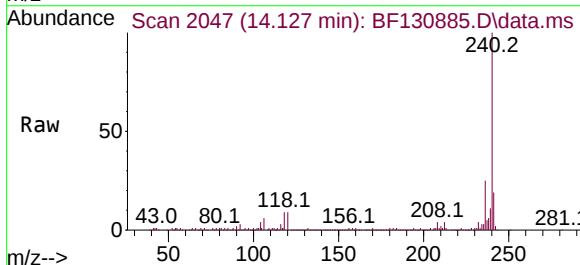
Instrument :
BNA_F
ClientSampleId :
5518-1

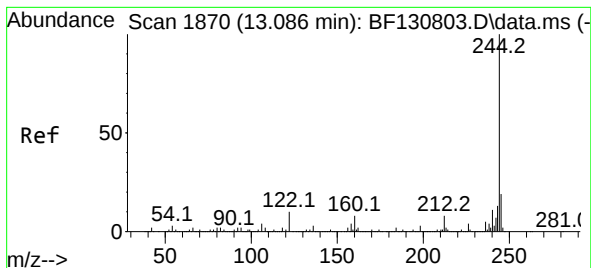
Tgt Ion:188 Resp: 209430
Ion Ratio Lower Upper
188 100
94 7.8 7.4 11.2
80 9.1 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF130885.D
Acq: 31 Oct 2022 18:15

Tgt Ion:240 Resp: 161168
Ion Ratio Lower Upper
240 100
120 9.2 7.0 10.4
236 24.7 20.5 30.7





#79

Terphenyl-d14

Concen: 82.058 ng

RT: 13.074 min Scan# 1870

Delta R.T. -0.000 min

Lab File: BF130885.D

Acq: 31 Oct 2022 18:15

Instrument :

BNA_F

ClientSampleId :

5518-1

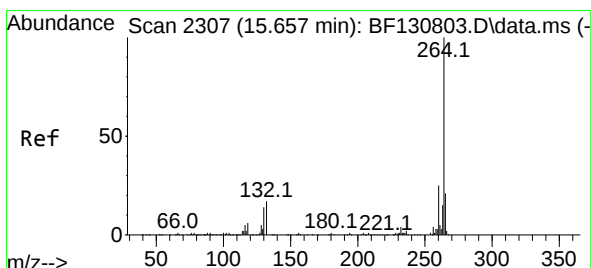
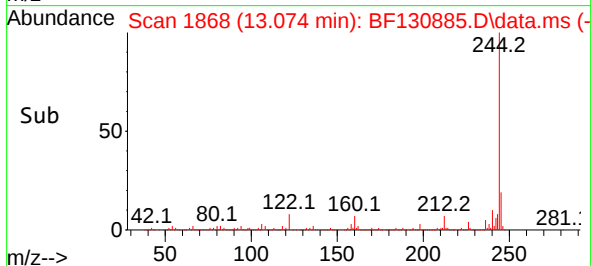
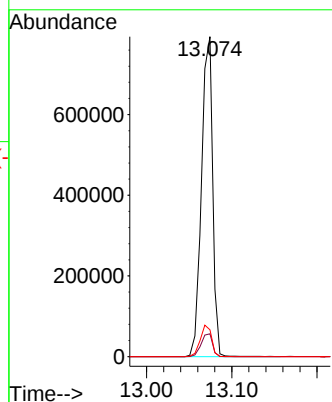
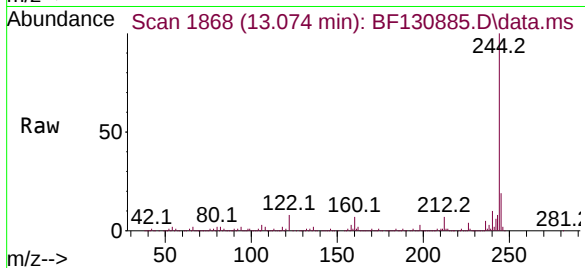
Tgt Ion:244 Resp: 721718

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

122 8.4 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: BF130885.D

Acq: 31 Oct 2022 18:15

Tgt Ion:264 Resp: 133901

Ion Ratio Lower Upper

264 100

260 21.7 19.9 29.9

265 21.2 17.0 25.6

