

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
 Data File : BF130881.D
 Acq On : 31 Oct 2022 16:03
 Operator : CG\JU
 Sample : N5219-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BACKYARD-BOTTOM-B

Quant Time: Nov 01 03:22:42 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	72258	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	257373	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	117809	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	186962	20.000	ng	0.00
76) Chrysene-d12	14.127	240	148292	20.000	ng	0.00
86) Perylene-d12	15.651	264	110675	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	447130	107.275	ng	0.00
7) Phenol-d6	6.563	99	564756	104.268	ng	0.00
23) Nitrobenzene-d5	7.504	82	357855	83.840	ng	-0.01
42) 2,4,6-Tribromophenol	10.780	330	102109	102.962	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	573389	73.585	ng	0.00
79) Terphenyl-d14	13.068	244	477953	59.061	ng	0.00

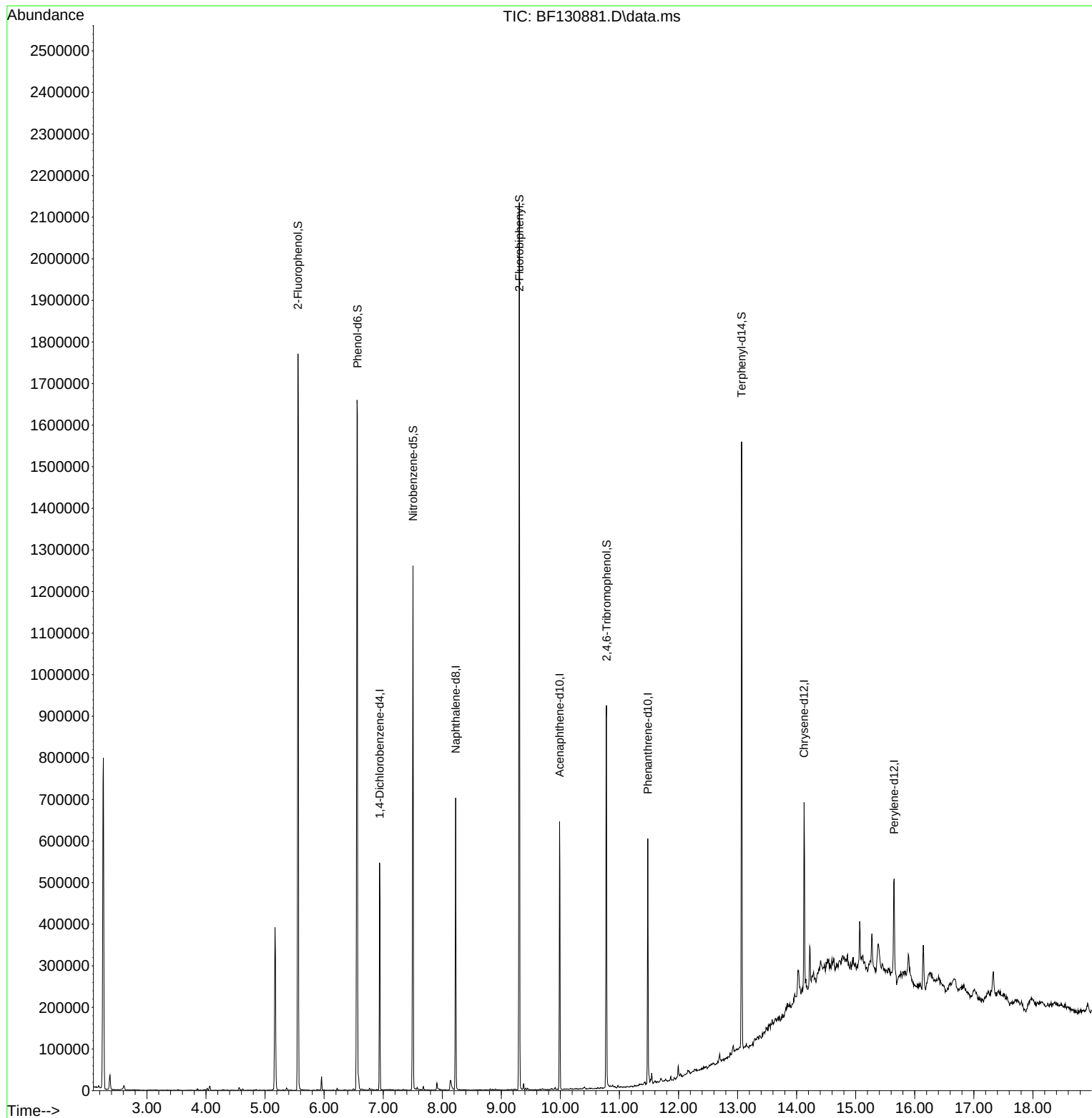
Target Compounds	Qvalue

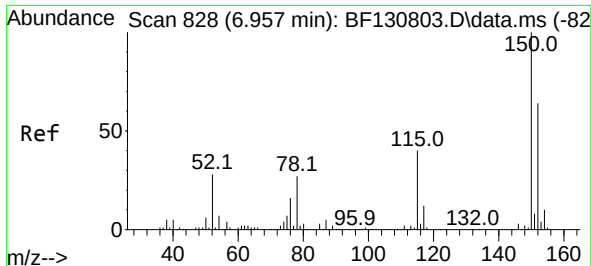
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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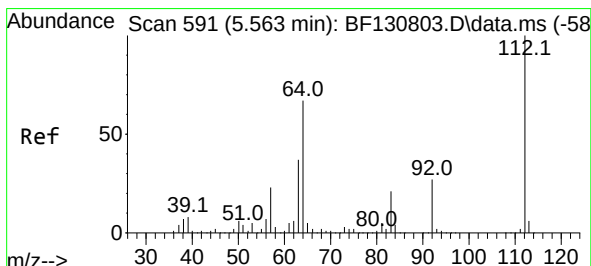
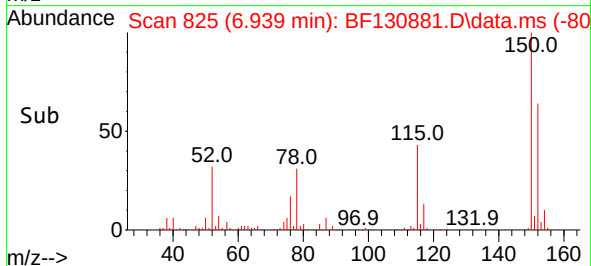
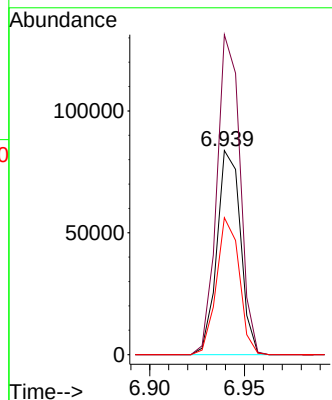
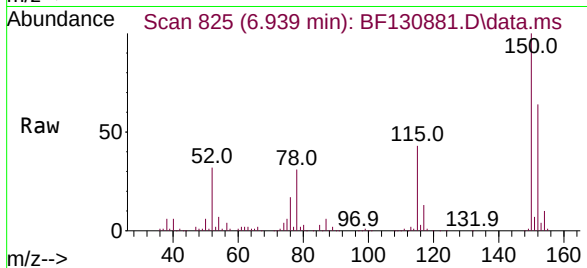




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.939 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF130881.D
 Acq: 31 Oct 2022 16:03

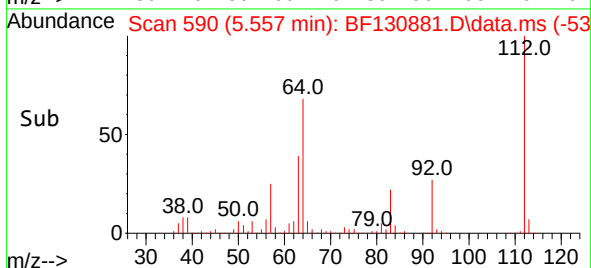
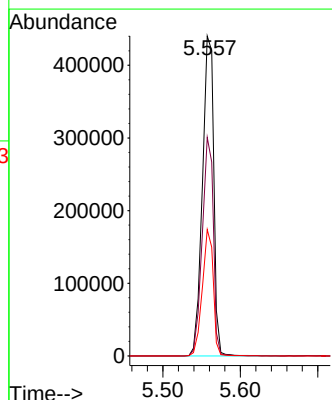
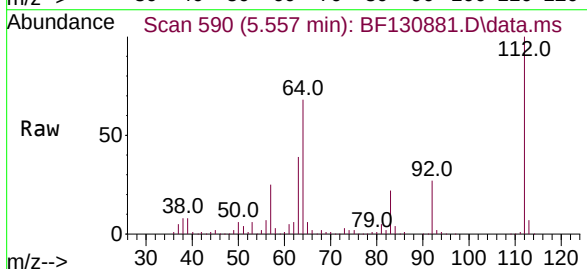
Instrument :
 BNA_F
 ClientSampleId :
 BACKYARD-BOTTOM-B

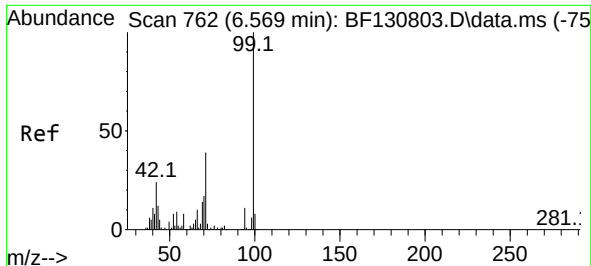
Tgt Ion:152 Resp: 72258
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.1 186.1
 115 67.0 50.1 75.1



#5
 2-Fluorophenol
 Concen: 107.275 ng
 RT: 5.557 min Scan# 590
 Delta R.T. -0.000 min
 Lab File: BF130881.D
 Acq: 31 Oct 2022 16:03

Tgt Ion:112 Resp: 447130
 Ion Ratio Lower Upper
 112 100
 64 68.3 53.9 80.9
 63 39.5 29.4 44.2

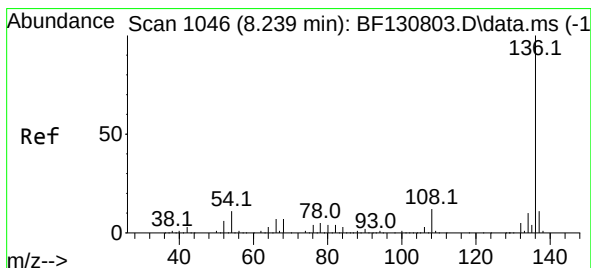
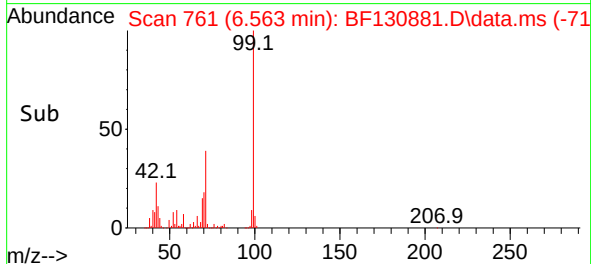
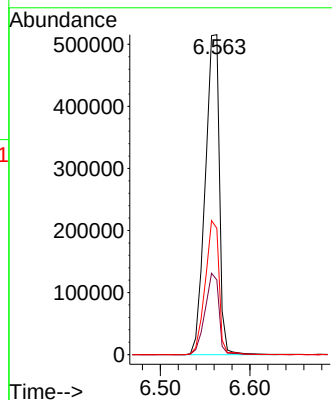
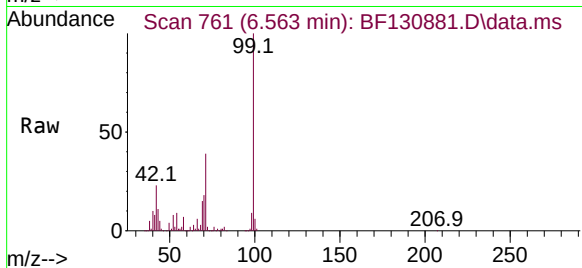




#7
Phenol-d6
Concen: 104.268 ng
RT: 6.563 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF130881.D
Acq: 31 Oct 2022 16:03

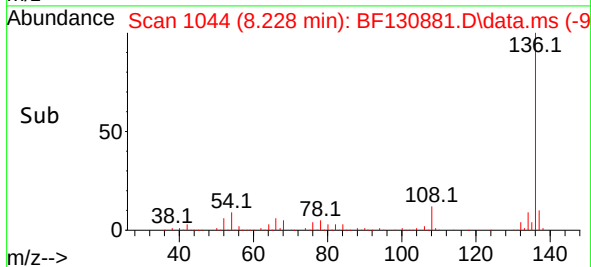
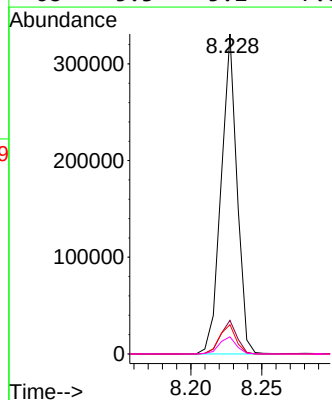
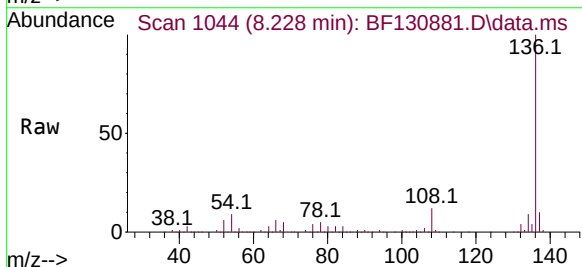
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BNA_F
ClientSampleId :
BACKYARD-BOTTOM-B

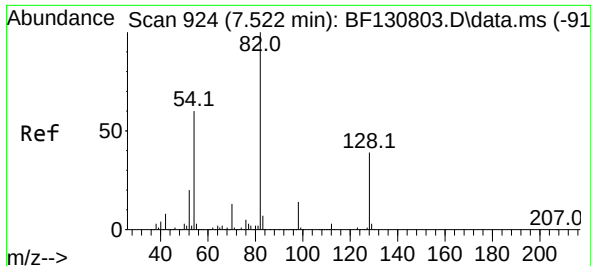
Tgt Ion: 99 Resp: 564756
Ion Ratio Lower Upper
99 100
42 23.3 18.8 28.2
71 39.5 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130881.D
Acq: 31 Oct 2022 16:03

Tgt Ion:136 Resp: 257373
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 9.2 8.8 13.2
68 5.3 5.2 7.8





#23

Nitrobenzene-d5

Concen: 83.840 ng

RT: 7.504 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF130881.D

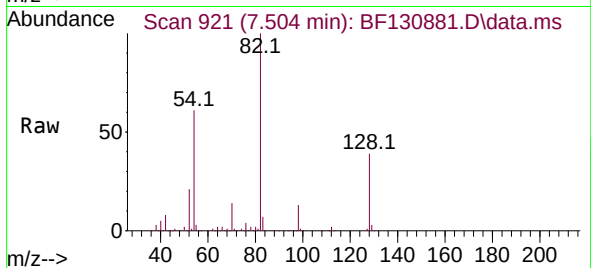
Acq: 31 Oct 2022 16:03

Instrument :

BNA_F

ClientSampleId :

BACKYARD-BOTTOM-B



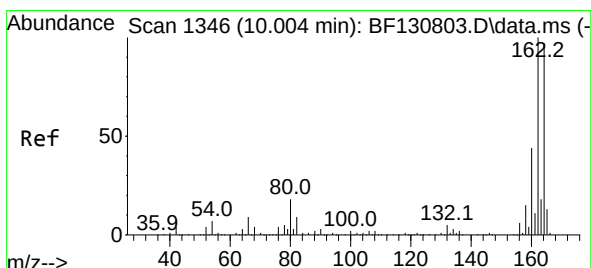
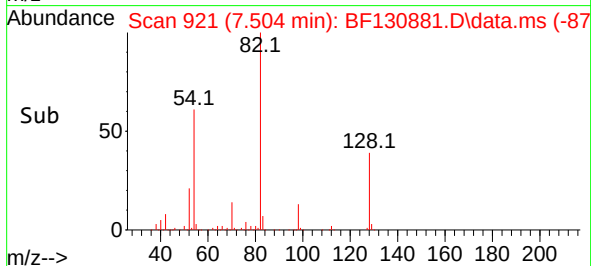
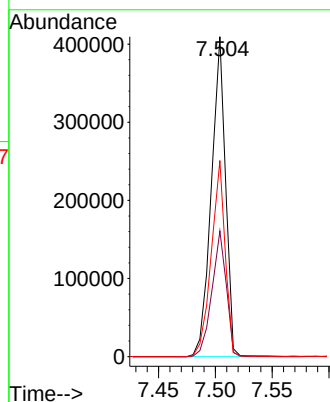
Tgt Ion: 82 Resp: 357855

Ion Ratio Lower Upper

82 100

128 39.3 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: BF130881.D

Acq: 31 Oct 2022 16:03

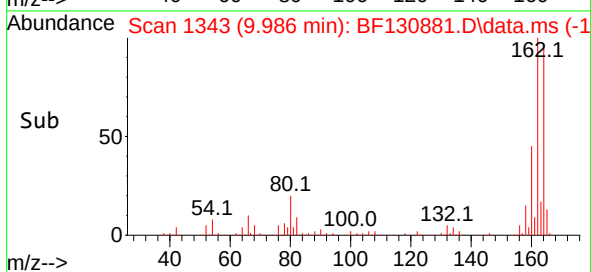
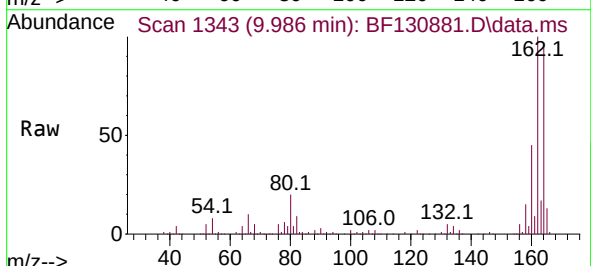
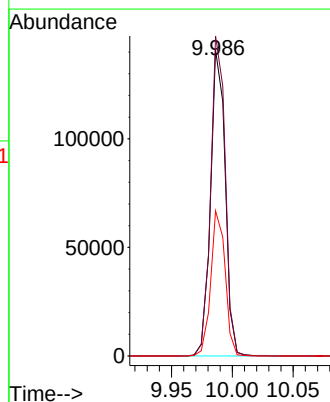
Tgt Ion:164 Resp: 117809

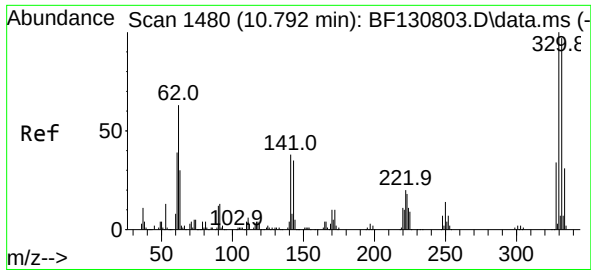
Ion Ratio Lower Upper

164 100

162 104.6 82.2 123.2

160 47.5 36.6 54.8

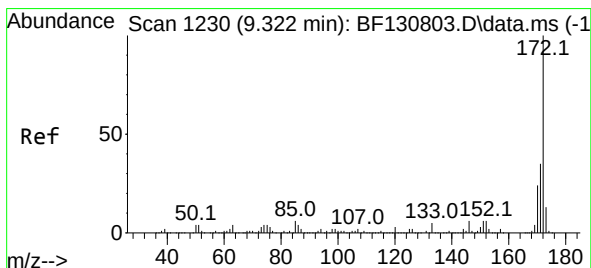
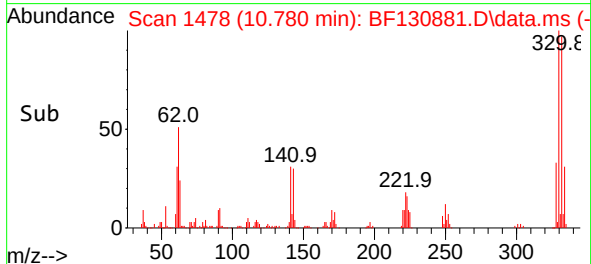
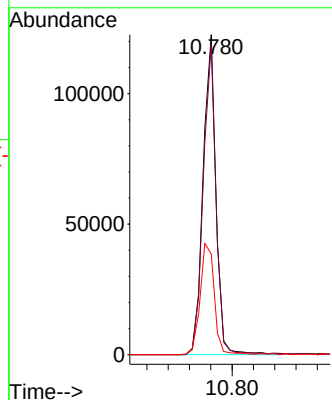
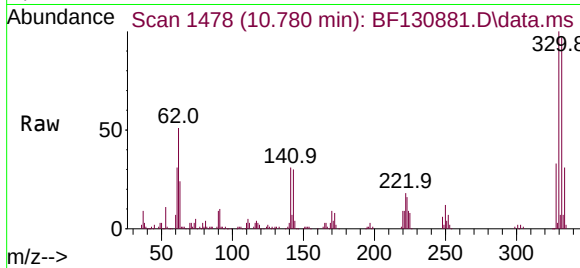




#42
2,4,6-Tribromophenol
Concen: 102.962 ng
RT: 10.780 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF130881.D
Acq: 31 Oct 2022 16:03

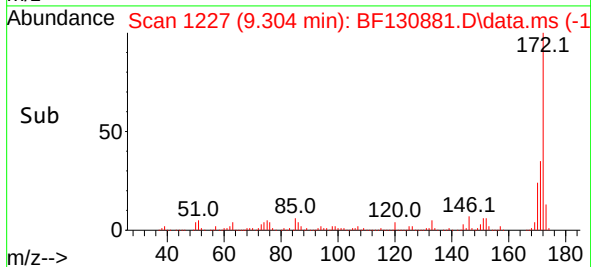
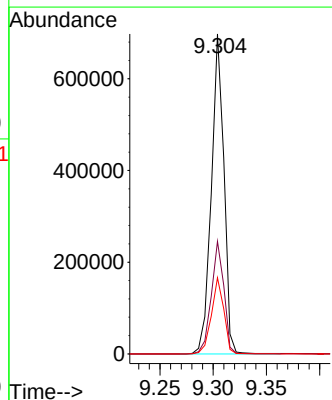
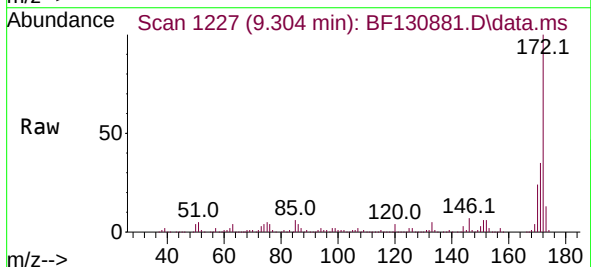
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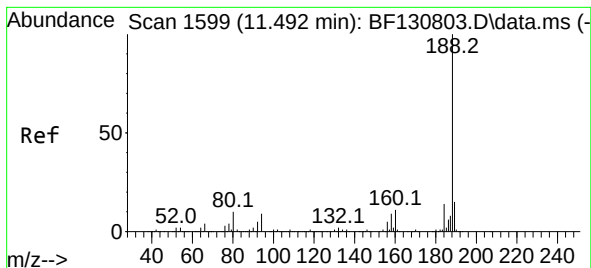
Tgt Ion:330 Resp: 102109
Ion Ratio Lower Upper
330 100
332 96.0 76.2 114.4
141 38.3 31.4 47.0



#45
2-Fluorobiphenyl
Concen: 73.585 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF130881.D
Acq: 31 Oct 2022 16:03

Tgt Ion:172 Resp: 573389
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.8 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: BF130881.D

Acq: 31 Oct 2022 16:03

Instrument :

BNA_F

ClientSampleId :

BACKYARD-BOTTOM-B

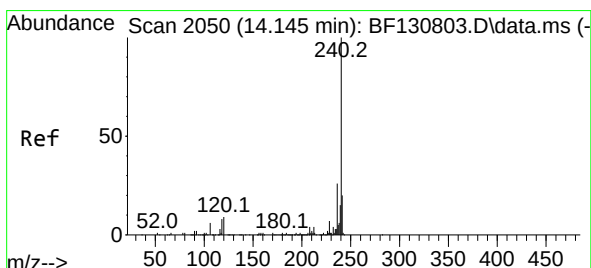
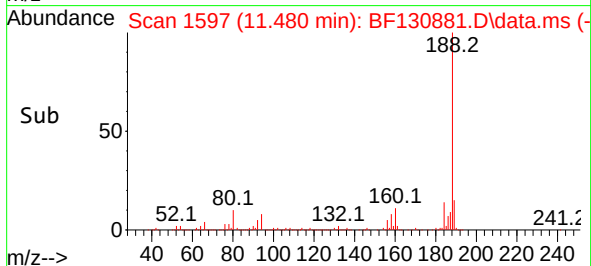
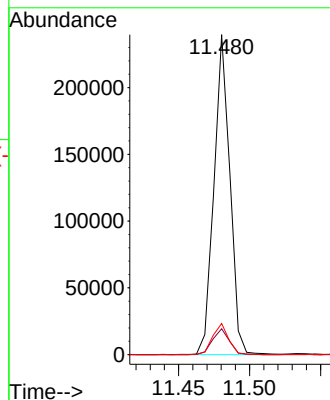
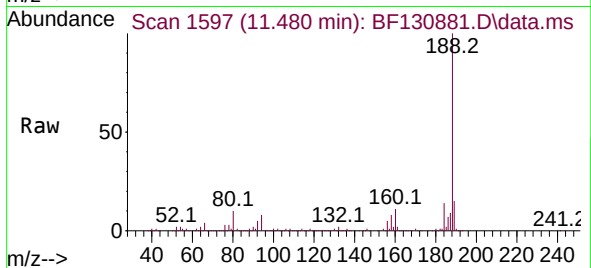
Tgt Ion:188 Resp: 186962

Ion Ratio Lower Upper

188 100

94 8.1 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: BF130881.D

Acq: 31 Oct 2022 16:03

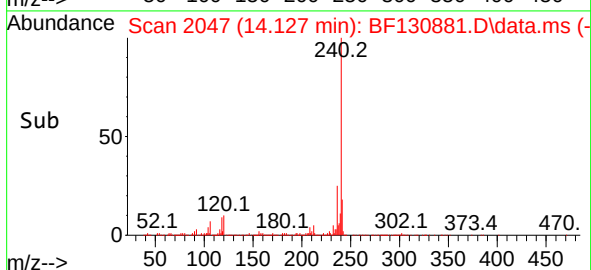
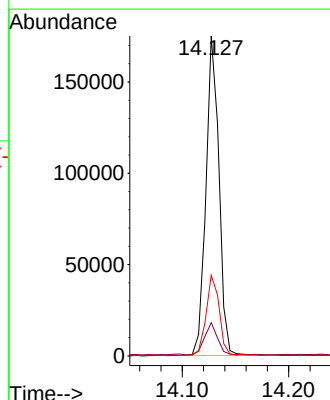
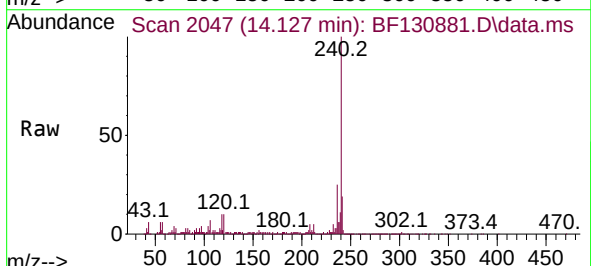
Tgt Ion:240 Resp: 148292

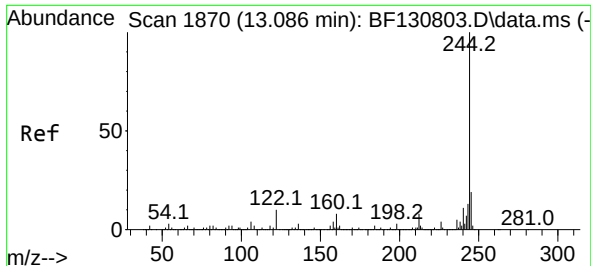
Ion Ratio Lower Upper

240 100

120 10.4 7.0 10.4

236 25.2 20.5 30.7

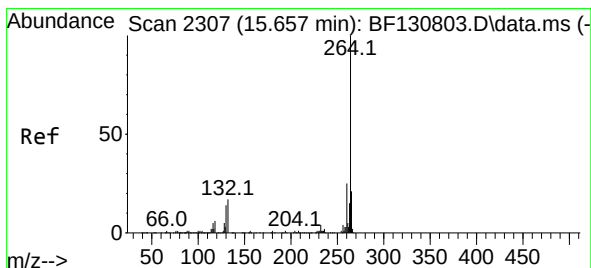
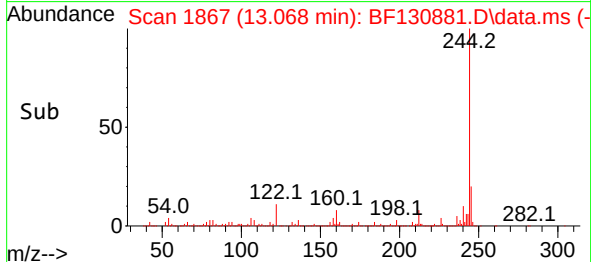
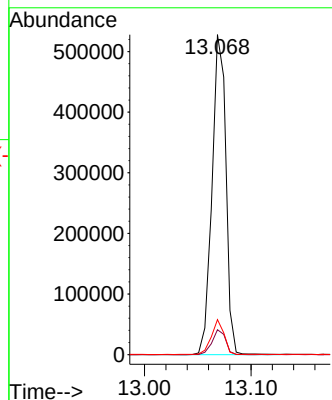
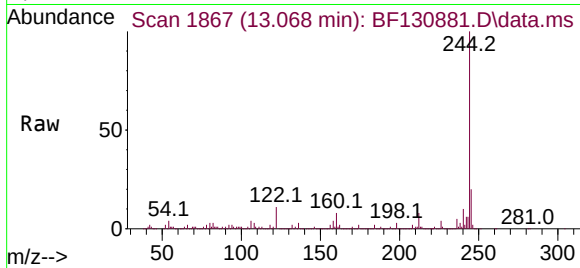




#79
 Terphenyl-d14
 Concen: 59.061 ng
 RT: 13.068 min Scan# 1870
 Delta R.T. -0.006 min
 Lab File: BF130881.D
 Acq: 31 Oct 2022 16:03

Instrument :
 BNA_F
 ClientSampleId :
 BACKYARD-BOTTOM-B

Tgt Ion:244 Resp: 477953
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 10.9 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.651 min Scan# 2306
 Delta R.T. 0.006 min
 Lab File: BF130881.D
 Acq: 31 Oct 2022 16:03

Tgt Ion:264 Resp: 110675
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.9 29.9
 265 20.3 17.0 25.6

