

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130837.D
 Acq On : 28 Oct 2022 22:29
 Operator : CG\JU
 Sample : N5281-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11

Quant Time: Oct 29 05:47:03 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	95373	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	368863	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	203115	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	382263	20.000	ng	0.00
76) Chrysene-d12	14.127	240	275174	20.000	ng	0.00
86) Perylene-d12	15.639	264	196258	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	515365	93.679	ng	0.00
7) Phenol-d6	6.557	99	661396	92.515	ng	0.00
23) Nitrobenzene-d5	7.504	82	424387	69.375	ng	-0.01
42) 2,4,6-Tribromophenol	10.781	330	166832	97.573	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	780403	58.089	ng	0.00
79) Terphenyl-d14	13.069	244	834144	55.548	ng	0.00

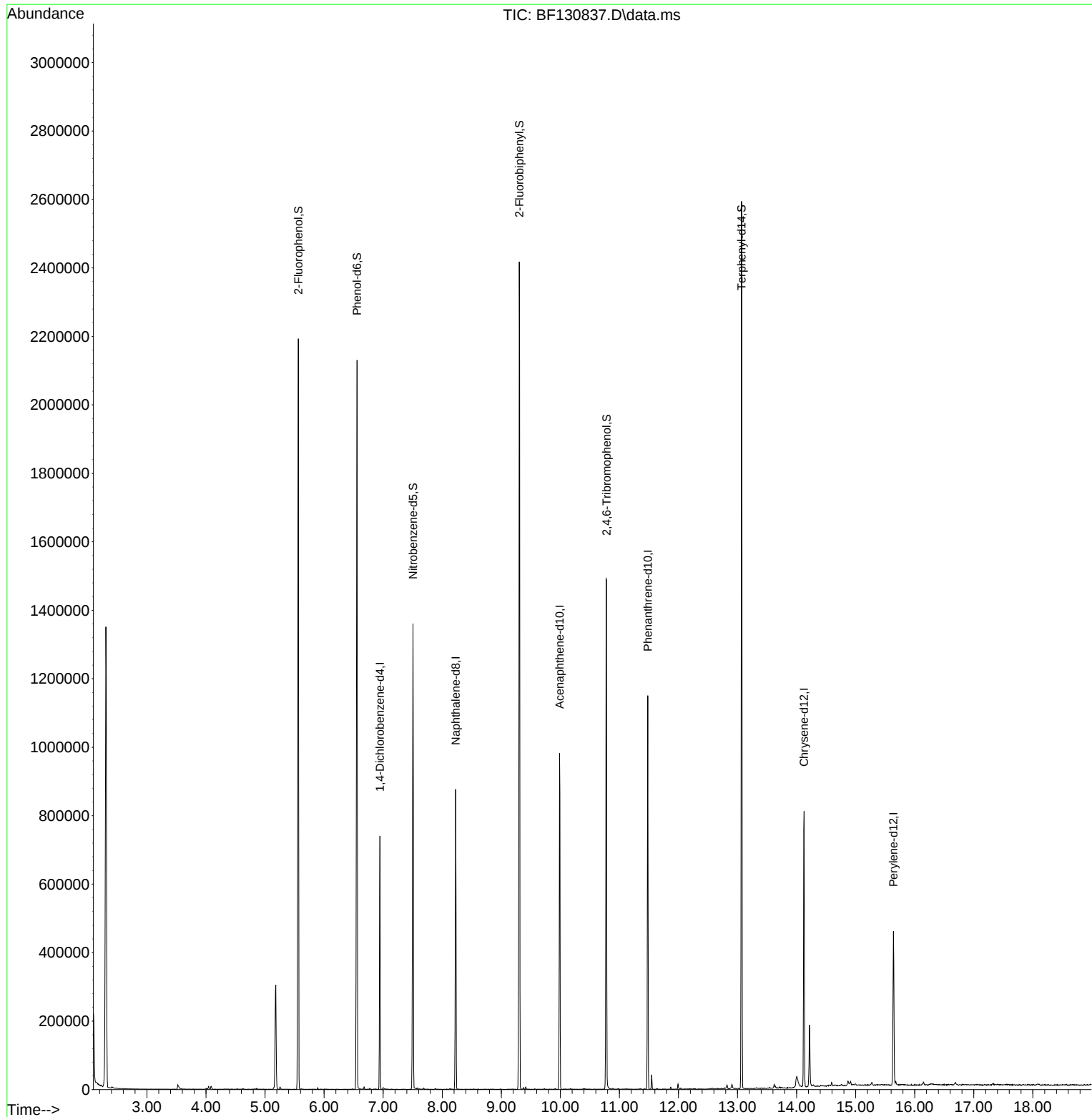
Target Compounds	Qvalue

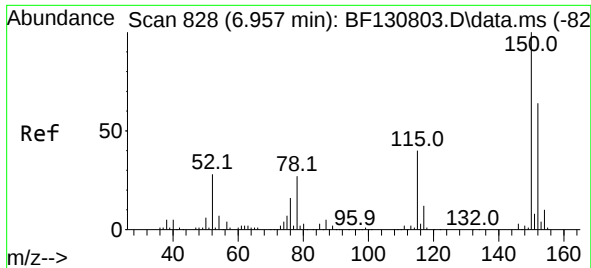
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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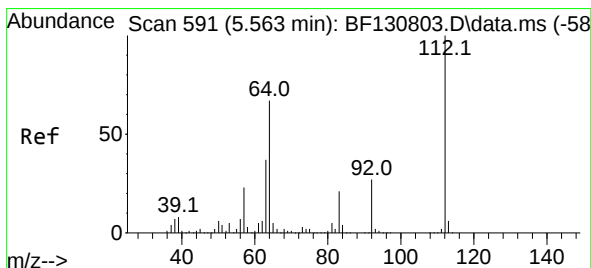
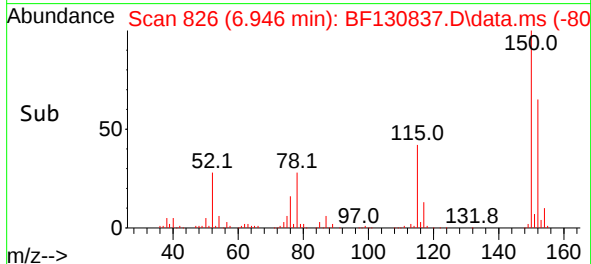
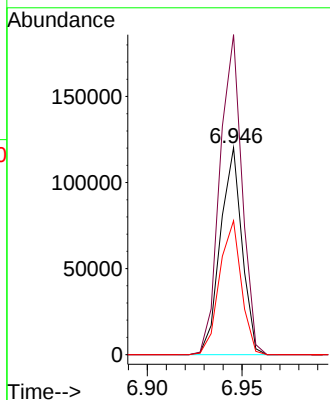
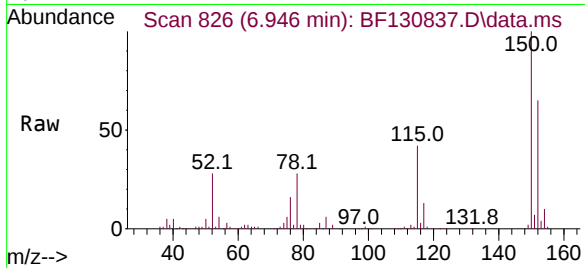




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.946 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF130837.D
 Acq: 28 Oct 2022 22:29

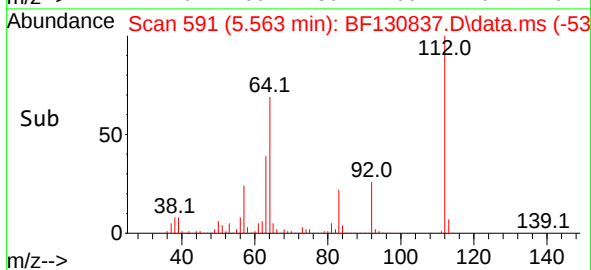
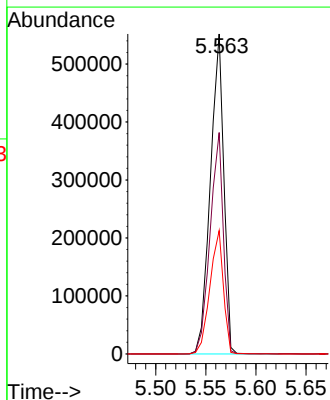
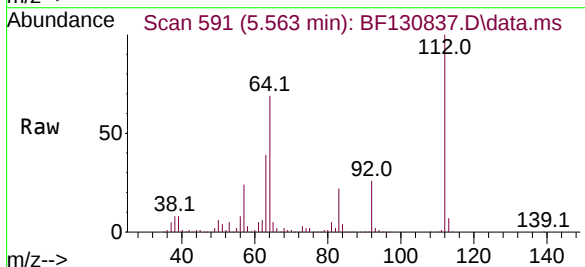
Instrument :
 BNA_F
 ClientSampleId :
 SB-11

Tgt Ion:152 Resp: 95373
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.1 186.1
 115 64.7 50.1 75.1



#5
 2-Fluorophenol
 Concen: 93.679 ng
 RT: 5.563 min Scan# 591
 Delta R.T. 0.006 min
 Lab File: BF130837.D
 Acq: 28 Oct 2022 22:29

Tgt Ion:112 Resp: 515365
 Ion Ratio Lower Upper
 112 100
 64 69.2 53.9 80.9
 63 38.5 29.4 44.2

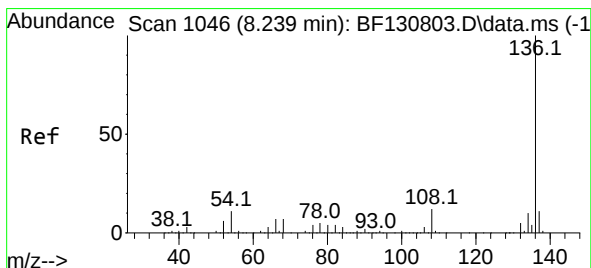
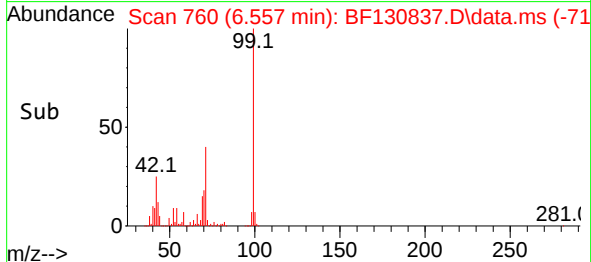
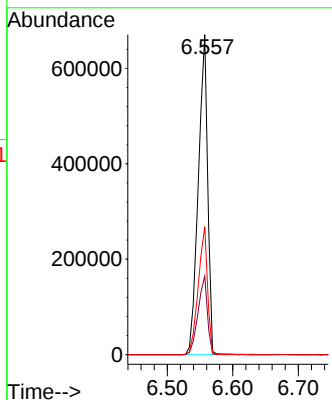
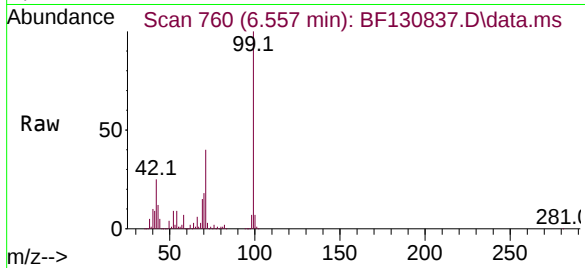




#7
Phenol-d6
Concen: 92.515 ng
RT: 6.557 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130837.D
Acq: 28 Oct 2022 22:29

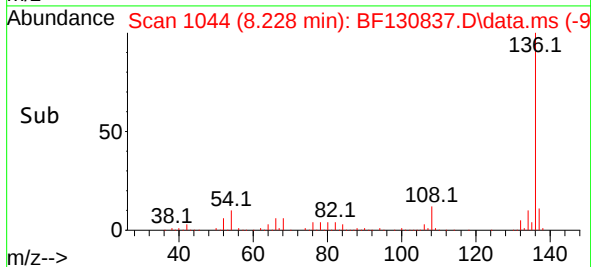
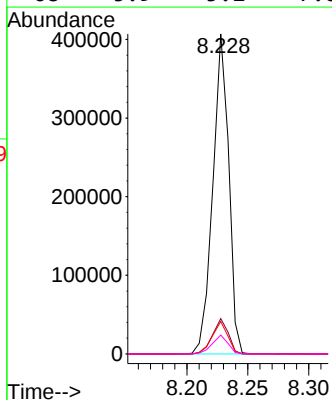
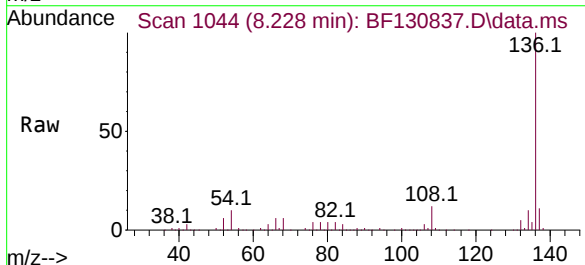
Instrument :
BNA_F
ClientSampleId :
SB-11

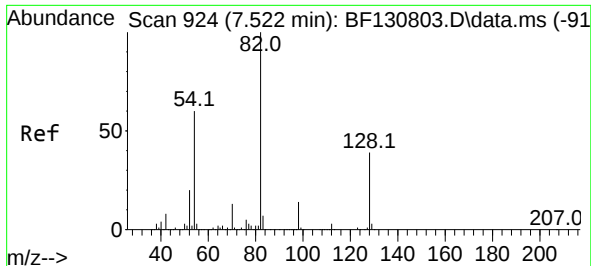
Tgt Ion: 99 Resp: 661396
Ion Ratio Lower Upper
99 100
42 24.5 18.8 28.2
71 40.0 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130837.D
Acq: 28 Oct 2022 22:29

Tgt Ion: 136 Resp: 368863
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 10.1 8.8 13.2
68 5.9 5.2 7.8





#23

Nitrobenzene-d5

Concen: 69.375 ng

RT: 7.504 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF130837.D

Acq: 28 Oct 2022 22:29

Instrument :

BNA_F

ClientSampleId :

SB-11

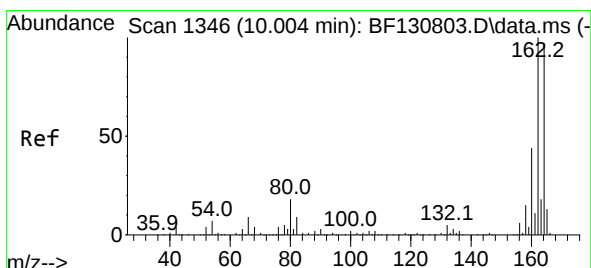
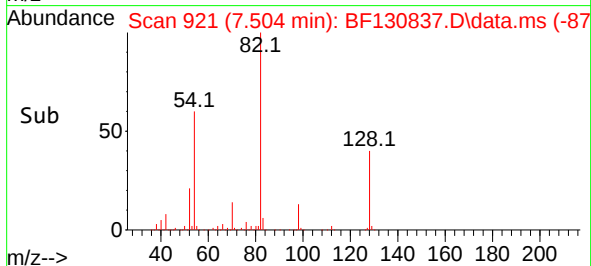
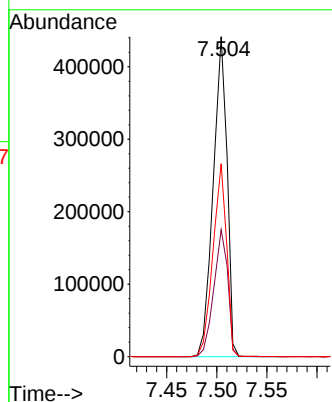
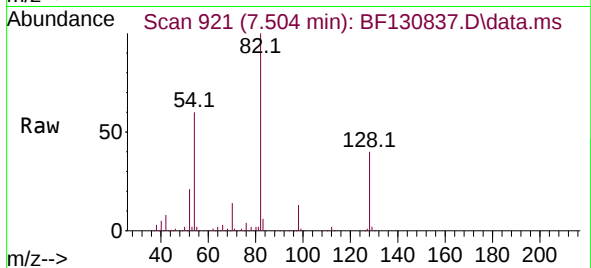
Tgt Ion: 82 Resp: 424387

Ion Ratio Lower Upper

82 100

128 39.7 31.2 46.8

54 60.3 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: BF130837.D

Acq: 28 Oct 2022 22:29

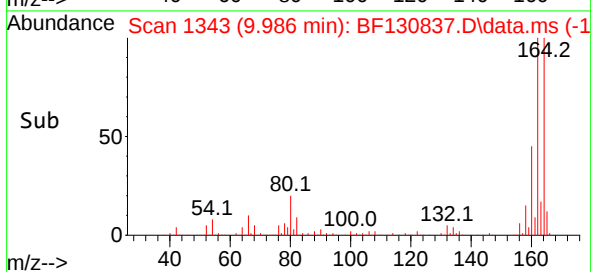
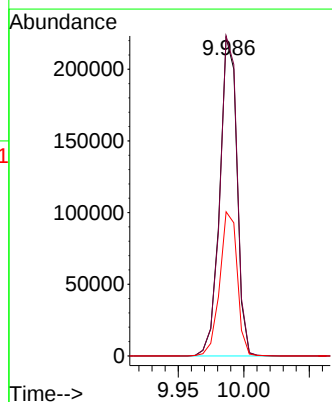
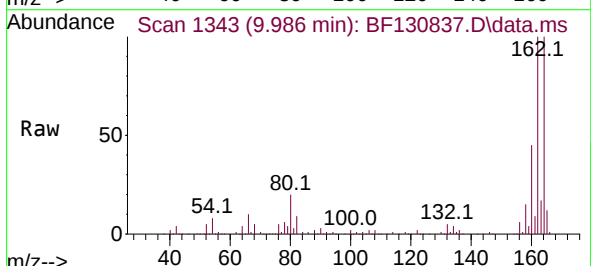
Tgt Ion: 164 Resp: 203115

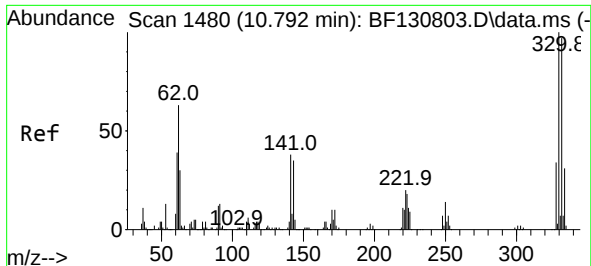
Ion Ratio Lower Upper

164 100

162 100.4 82.2 123.2

160 45.2 36.6 54.8

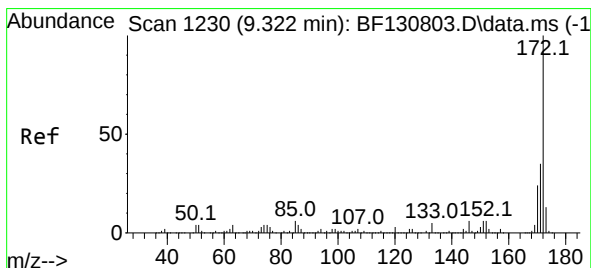
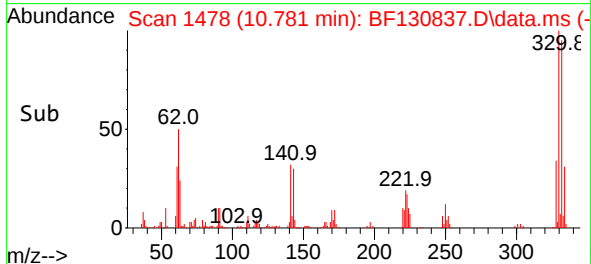
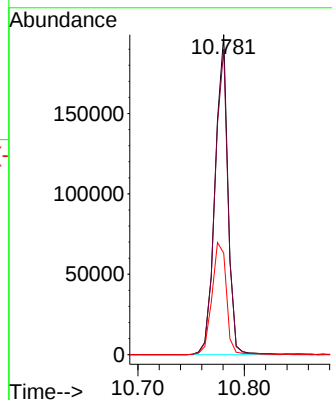
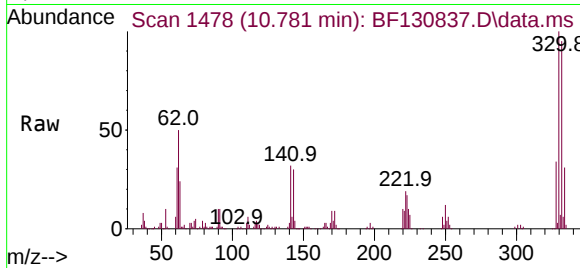




#42
 2,4,6-Tribromophenol
 Concen: 97.573 ng
 RT: 10.781 min Scan# 1478
 Delta R.T. -0.006 min
 Lab File: BF130837.D
 Acq: 28 Oct 2022 22:29

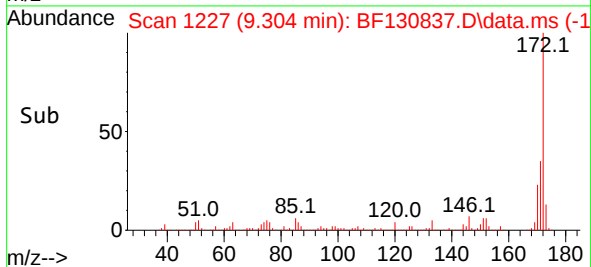
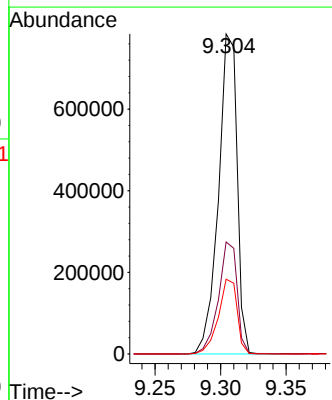
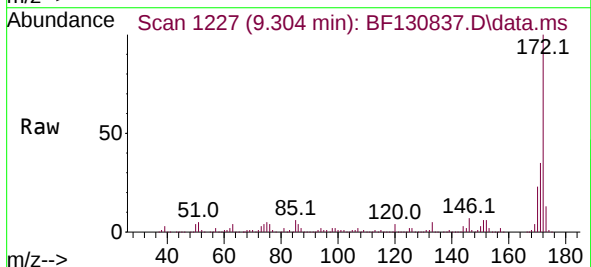
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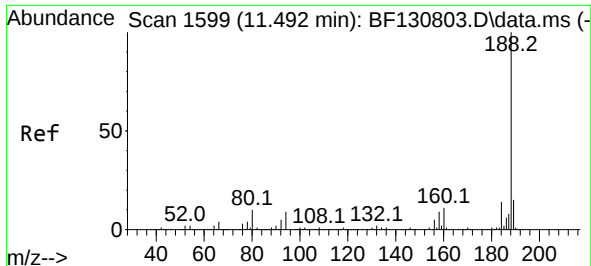
Tgt Ion:330 Resp: 166832
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.2 114.4
 141 39.3 31.4 47.0



#45
 2-Fluorobiphenyl
 Concen: 58.089 ng
 RT: 9.304 min Scan# 1227
 Delta R.T. -0.006 min
 Lab File: BF130837.D
 Acq: 28 Oct 2022 22:29

Tgt Ion:172 Resp: 780403
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.1 42.1
 170 23.3 19.0 28.4

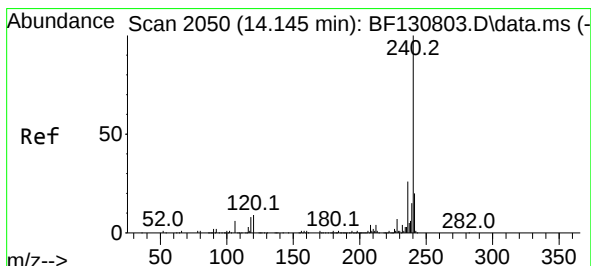
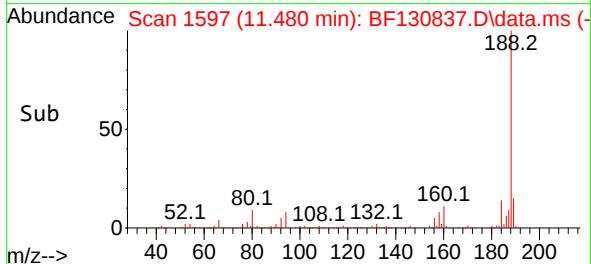
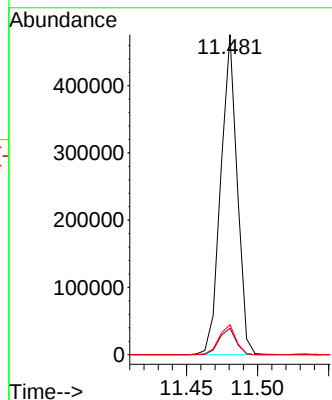
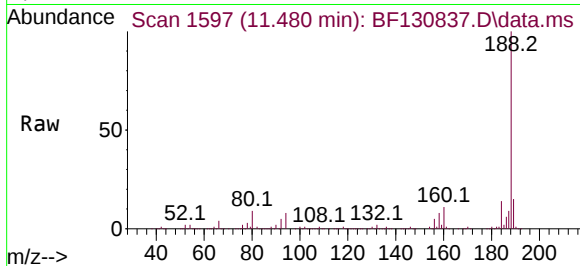




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130837.D
Acq: 28 Oct 2022 22:29

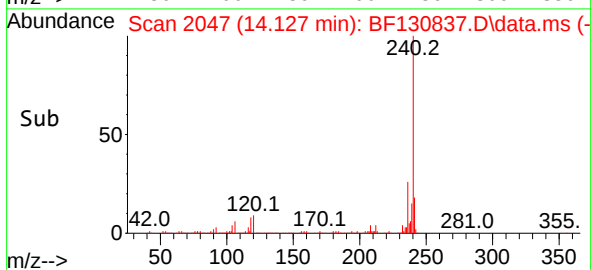
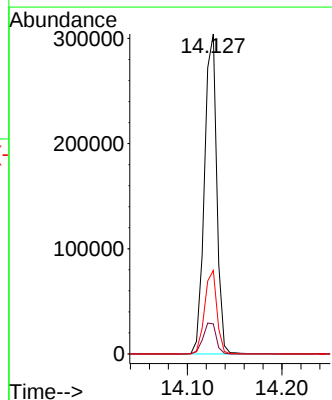
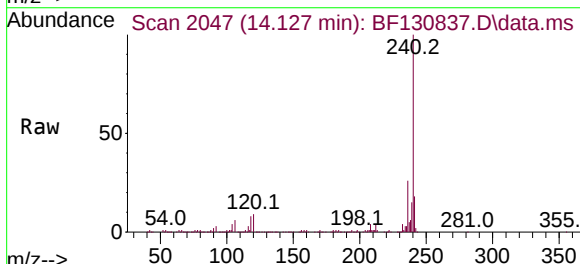
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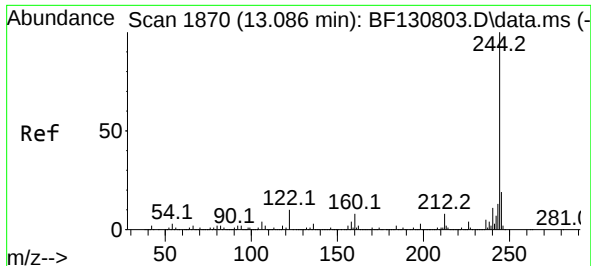
Tgt Ion:188 Resp: 382263
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 9.3 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF130837.D
Acq: 28 Oct 2022 22:29

Tgt Ion:240 Resp: 275174
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.4
236 26.1 20.5 30.7

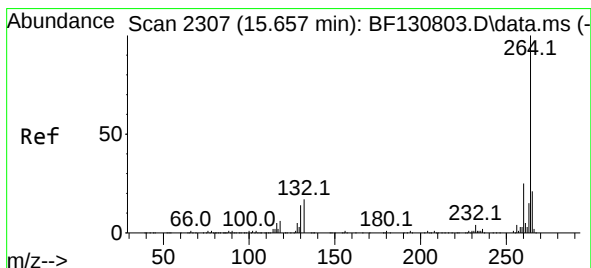
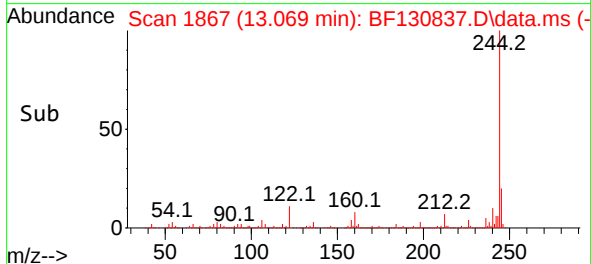
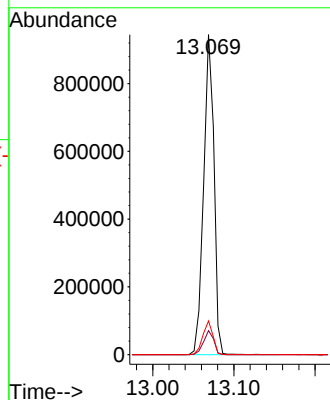
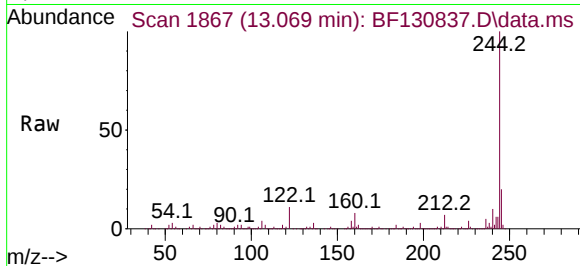




#79
 Terphenyl-d14
 Concen: 55.548 ng
 RT: 13.069 min Scan# 1870
 Delta R.T. -0.006 min
 Lab File: BF130837.D
 Acq: 28 Oct 2022 22:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-11

Tgt Ion:244 Resp: 834144
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 10.5 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: BF130837.D
 Acq: 28 Oct 2022 22:29

Tgt Ion:264 Resp: 196258
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.9 29.9
 265 21.5 17.0 25.6

