

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
 Data File : BF130906.D
 Acq On : 01 Nov 2022 18:20
 Operator : CG\JU
 Sample : N5235-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSP-DS-01-09-11

Quant Time: Nov 02 08:22:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 08:18:35 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	85188	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	323321	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	165254	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	237849	20.000	ng	0.00
76) Chrysene-d12	14.121	240	159153	20.000	ng	0.00
86) Perylene-d12	15.639	264	127929	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	462582	94.137	ng	0.00
7) Phenol-d6	6.551	99	585375	91.671	ng	0.00
23) Nitrobenzene-d5	7.498	82	399357	74.479	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	121600	87.412	ng	-0.01
45) 2-Fluorobiphenyl	9.298	172	710266	64.981	ng	0.00
79) Terphenyl-d14	13.063	244	496664	57.185	ng	0.00

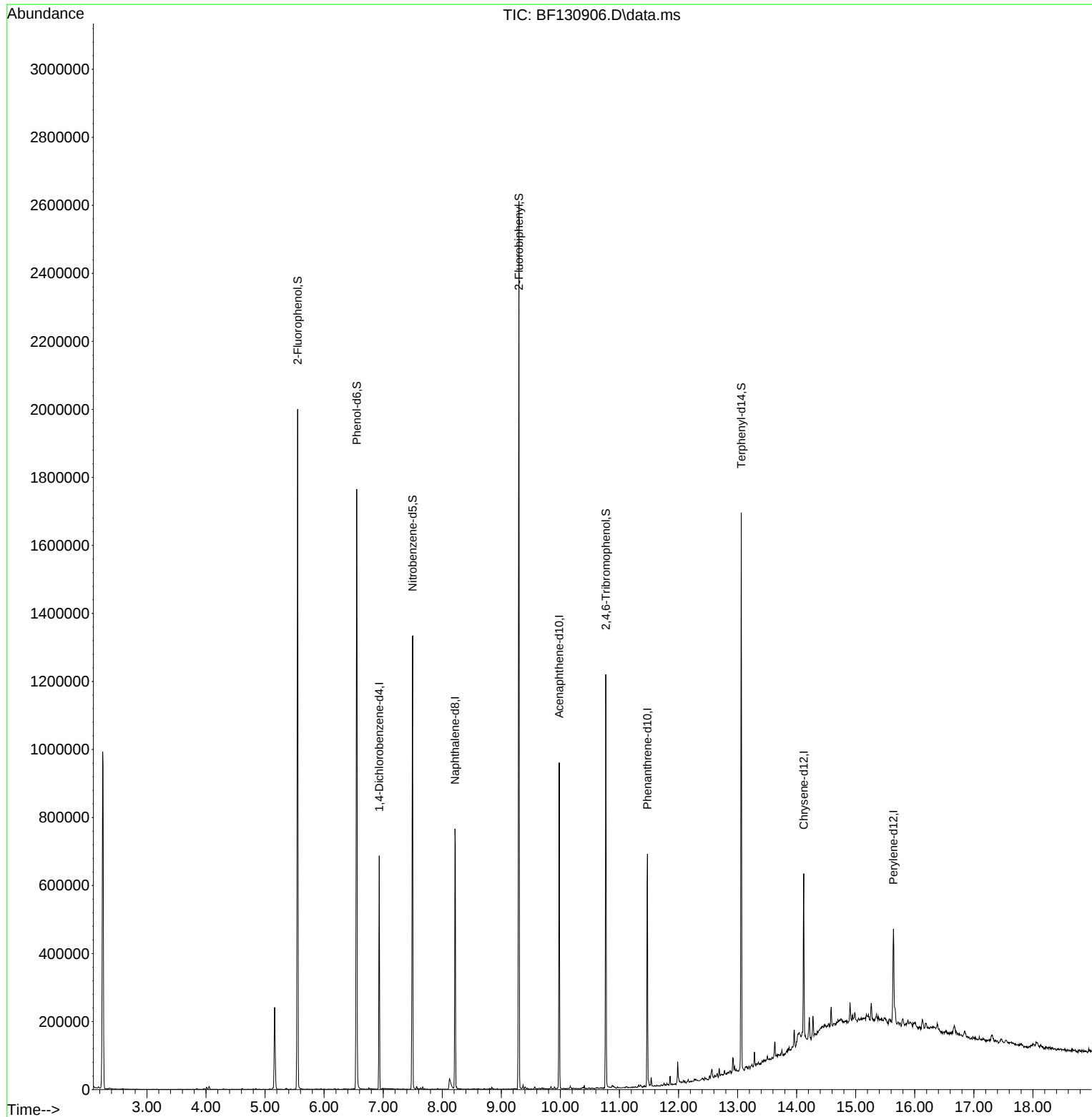
Target Compounds	Qvalue

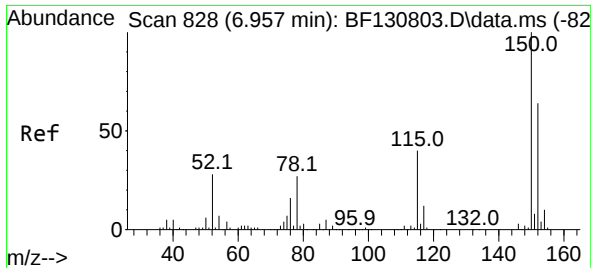
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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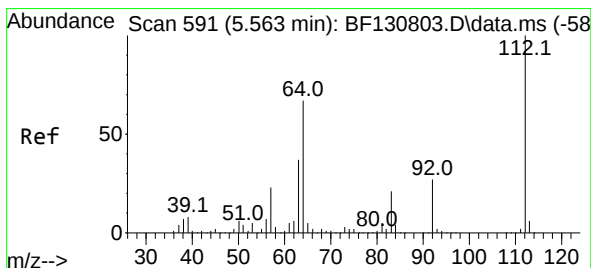
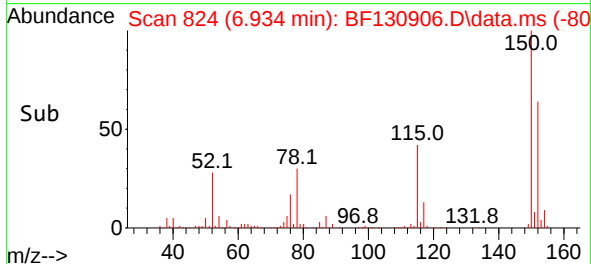
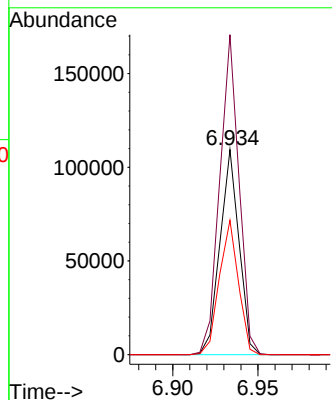
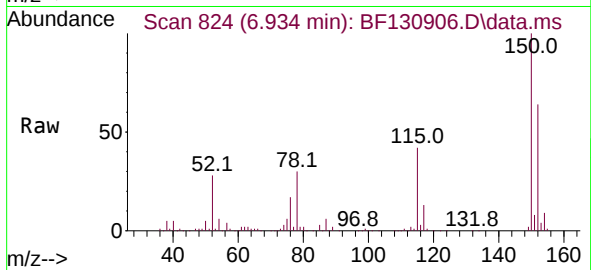




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF130906.D
Acq: 01 Nov 2022 18:20

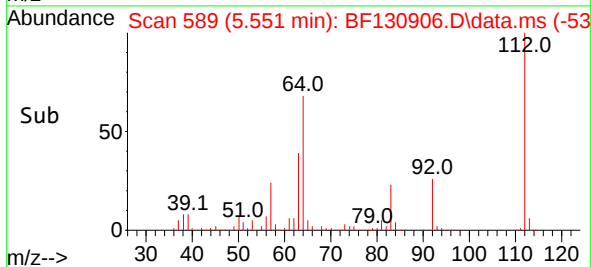
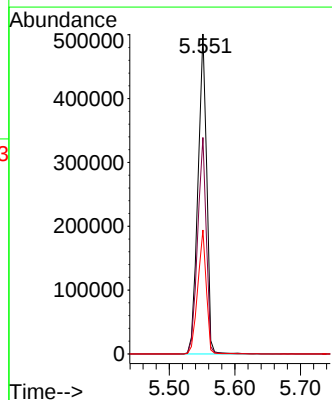
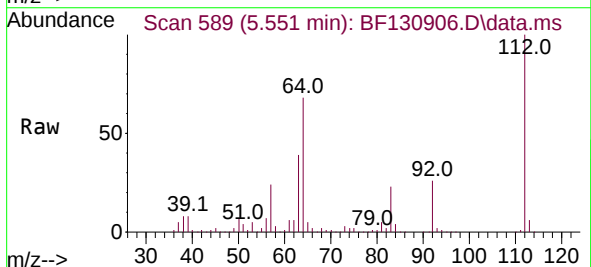
Instrument :
BNA_F
ClientSampleId :
LSP-DS-01-09-11

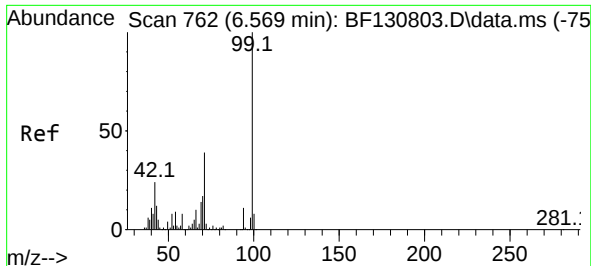
Tgt Ion:152 Resp: 85188
Ion Ratio Lower Upper
152 100
150 156.0 124.1 186.1
115 65.5 50.1 75.1



#5
2-Fluorophenol
Concen: 94.137 ng
RT: 5.551 min Scan# 589
Delta R.T. -0.000 min
Lab File: BF130906.D
Acq: 01 Nov 2022 18:20

Tgt Ion:112 Resp: 462582
Ion Ratio Lower Upper
112 100
64 67.6 53.9 80.9
63 38.7 29.4 44.2

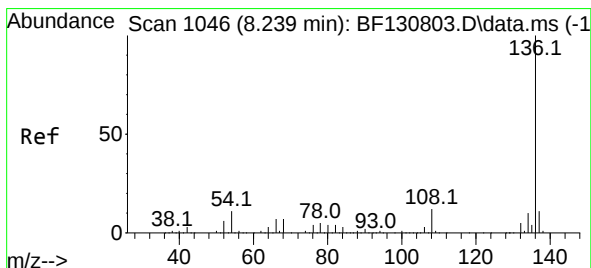
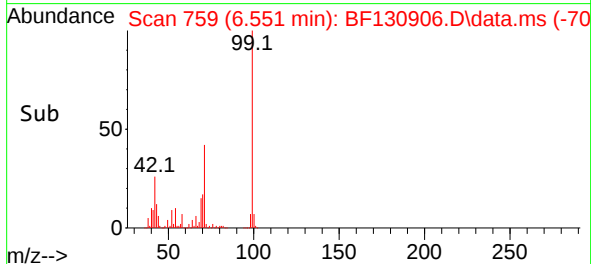
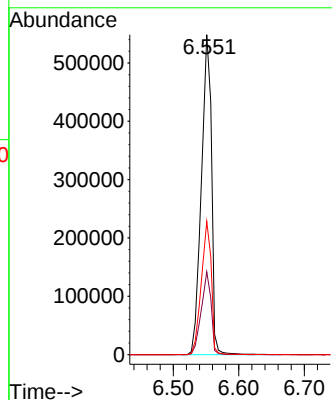
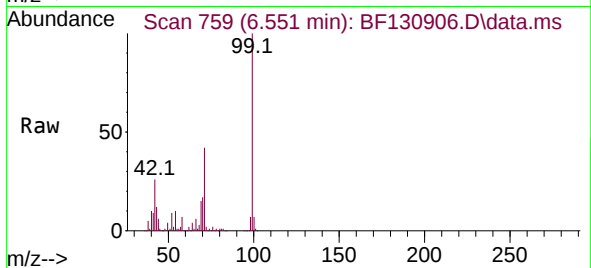




#7
Phenol-d6
Concen: 91.671 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130906.D
Acq: 01 Nov 2022 18:20

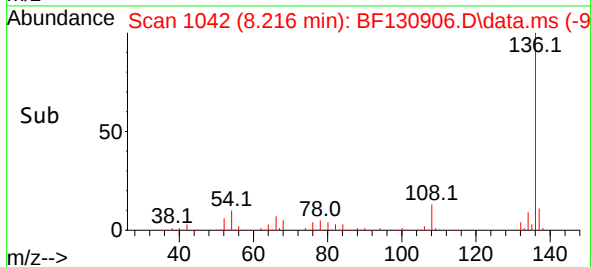
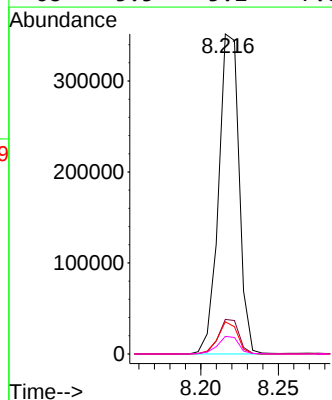
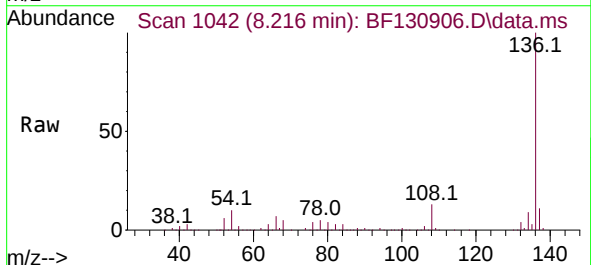
Instrument :
BNA_F
ClientSampleId :
LSP-DS-01-09-11

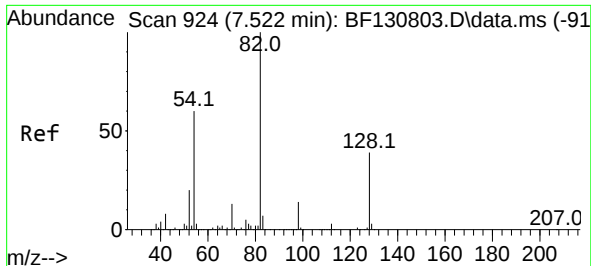
Tgt Ion: 99 Resp: 585375
Ion Ratio Lower Upper
99 100
42 25.9 18.8 28.2
71 41.6 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF130906.D
Acq: 01 Nov 2022 18:20

Tgt Ion: 136 Resp: 323321
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 10.0 8.8 13.2
68 5.5 5.2 7.8





#23

Nitrobenzene-d5

Concen: 74.479 ng

RT: 7.498 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF130906.D

Acq: 01 Nov 2022 18:20

Instrument :

BNA_F

ClientSampleId :

LSP-DS-01-09-11

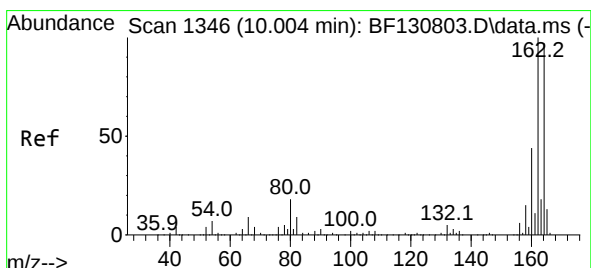
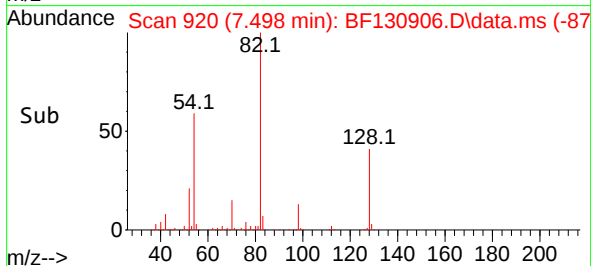
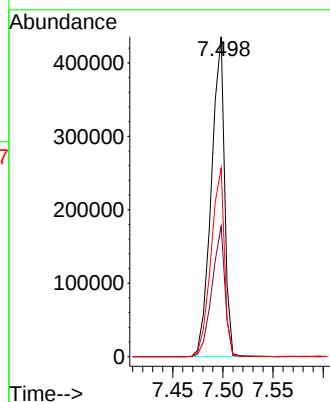
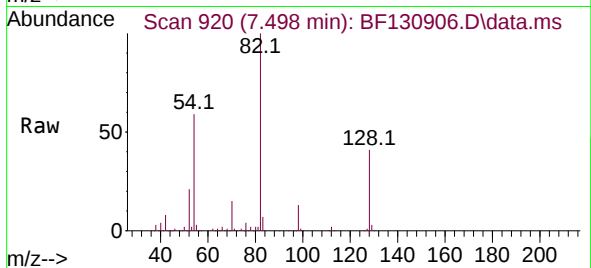
Tgt Ion: 82 Resp: 399357

Ion Ratio Lower Upper

82 100

128 40.7 31.2 46.8

54 58.9 48.0 72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.980 min Scan# 1342

Delta R.T. -0.006 min

Lab File: BF130906.D

Acq: 01 Nov 2022 18:20

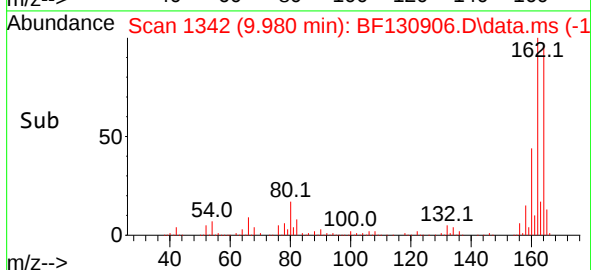
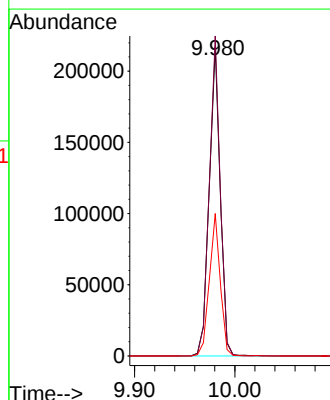
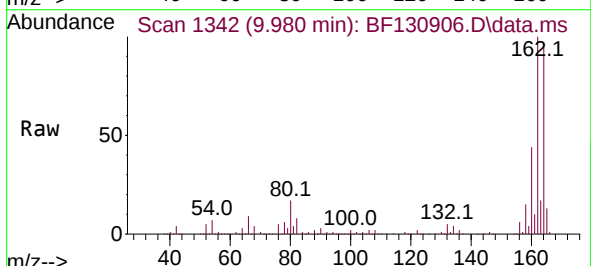
Tgt Ion: 164 Resp: 165254

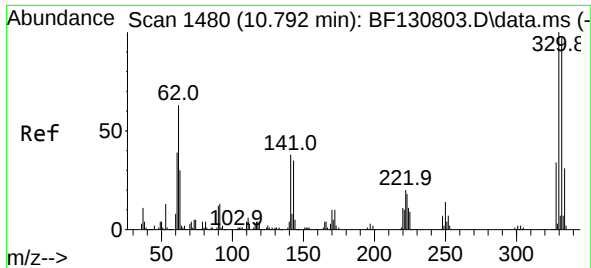
Ion Ratio Lower Upper

164 100

162 103.7 82.2 123.2

160 46.1 36.6 54.8

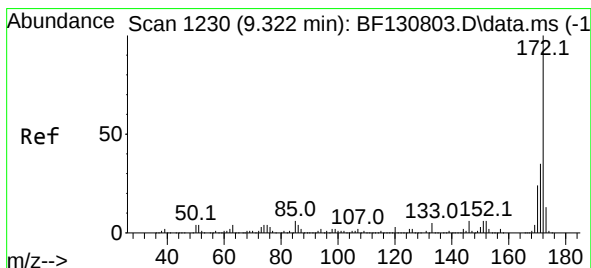
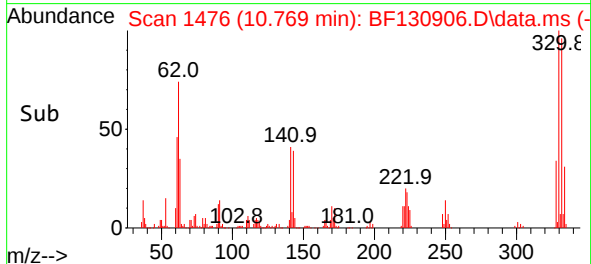
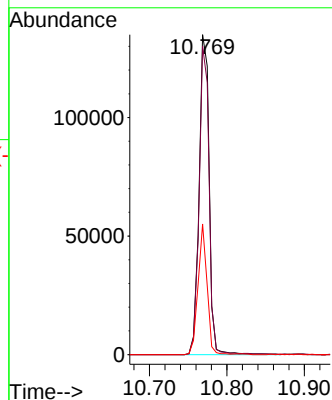
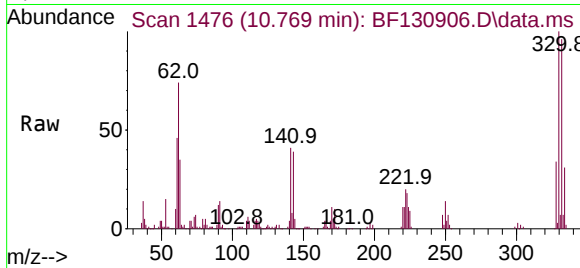




#42
2,4,6-Tribromophenol
Concen: 87.412 ng
RT: 10.769 min Scan# 1480
Delta R.T. -0.012 min
Lab File: BF130906.D
Acq: 01 Nov 2022 18:20

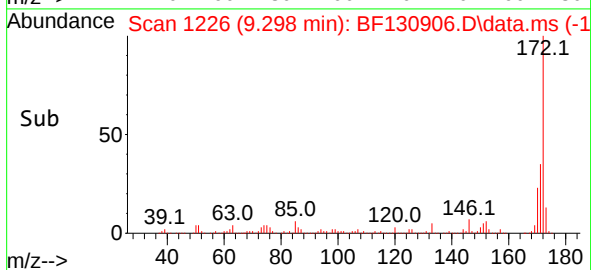
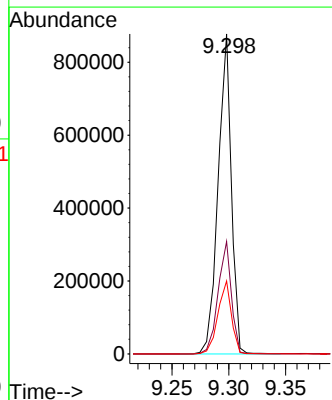
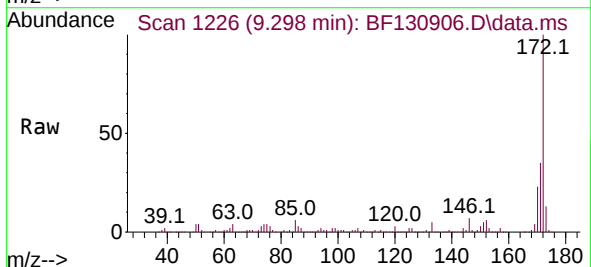
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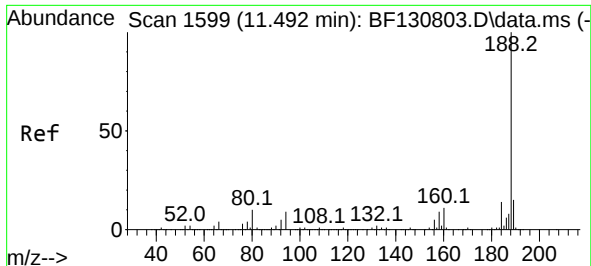
Tgt Ion:330 Resp: 121600
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 36.5 31.4 47.0



#45
2-Fluorobiphenyl
Concen: 64.981 ng
RT: 9.298 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF130906.D
Acq: 01 Nov 2022 18:20

Tgt Ion:172 Resp: 710266
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 22.8 19.0 28.4

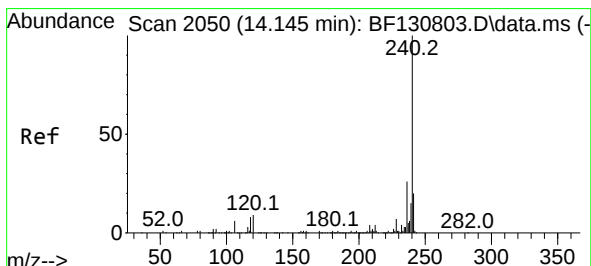
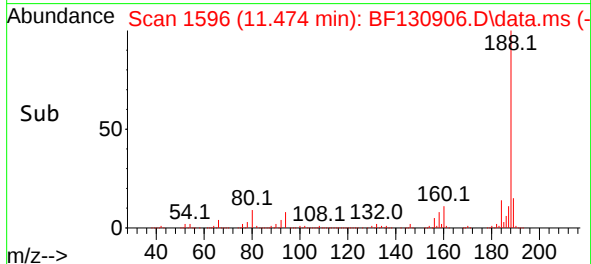
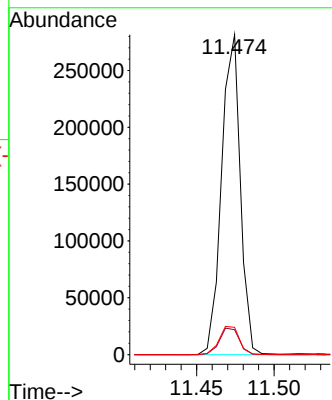
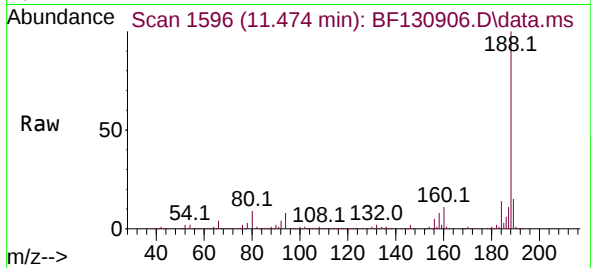




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130906.D
Acq: 01 Nov 2022 18:20

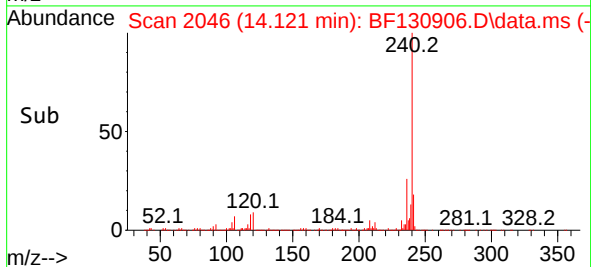
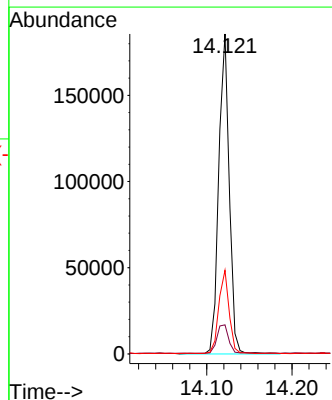
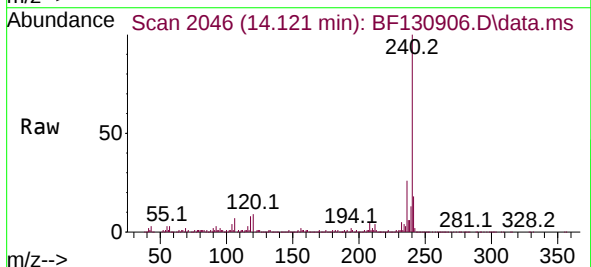
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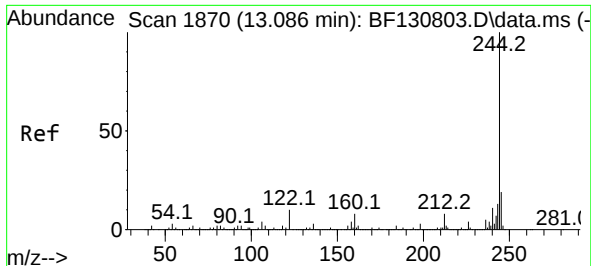
Tgt Ion:188 Resp: 237849
Ion Ratio Lower Upper
188 100
94 7.8 7.4 11.2
80 8.5 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BF130906.D
Acq: 01 Nov 2022 18:20

Tgt Ion:240 Resp: 159153
Ion Ratio Lower Upper
240 100
120 9.1 7.0 10.4
236 26.1 20.5 30.7

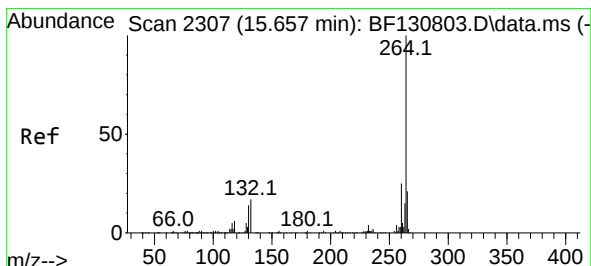
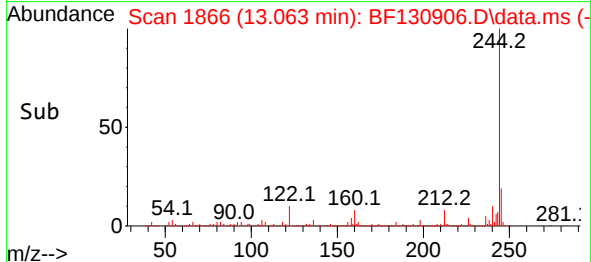
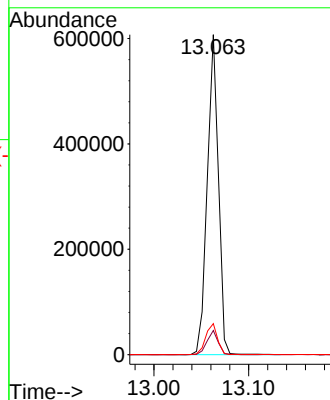
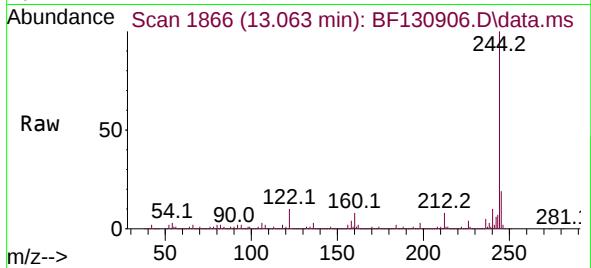




#79
 Terphenyl-d14
 Concen: 57.185 ng
 RT: 13.063 min Scan# 1870
 Delta R.T. -0.006 min
 Lab File: BF130906.D
 Acq: 01 Nov 2022 18:20

Instrument :
 BNA_F
 ClientSampleId :
 LSP-DS-01-09-11

Tgt Ion:244 Resp: 496664
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.7 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: BF130906.D
 Acq: 01 Nov 2022 18:20

Tgt Ion:264 Resp: 127929
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.9 29.9
 265 22.3 17.0 25.6

