

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
 Data File : BF130882.D
 Acq On : 31 Oct 2022 16:36
 Operator : CG\JU
 Sample : N5337-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Quant Time: Nov 01 02:28:54 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)

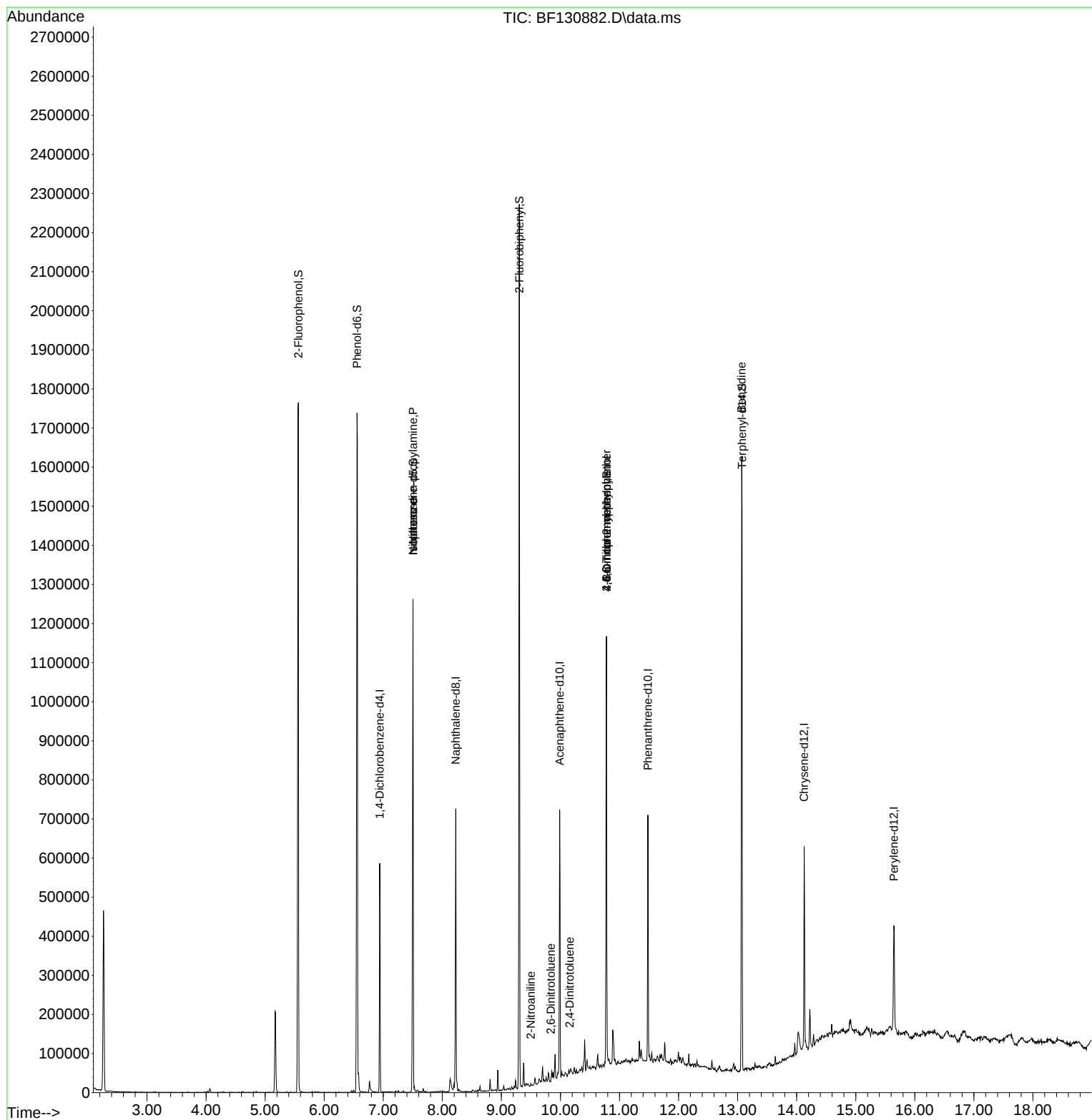
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	76823	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	273376	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	129438	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	204482	20.000	ng	0.00
76) Chrysene-d12	14.127	240	162947	20.000	ng	# 0.00
86) Perylene-d12	15.645	264	124193	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	465295	105.000	ng	0.00
7) Phenol-d6	6.557	99	593839	103.123	ng	0.00
23) Nitrobenzene-d5	7.504	82	369744	81.555	ng	-0.01
42) 2,4,6-Tribromophenol	10.780	330	111810	102.615	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	615497	71.892	ng	0.00
79) Terphenyl-d14	13.074	244	525117	59.053	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	51487	13.141	ng	# 75
25) Isophorone	7.504	82	369740	39.548	ng	# 66
48) 2-Nitroaniline	9.498	65	572	4.367	ng	# 48
51) 2,6-Dinitrotoluene	9.839	165	785	3.226	ng	# 41
57) 2,4-Dinitrotoluene	10.157	165	618	3.975	ng	# 65
65) 4,6-Dinitro-2-methylph...	10.780	198	266	8.188	ng	# 1
67) 4-Bromophenyl-phenylether	10.780	248	7248	3.525	ng	# 1
77) Benzidine	13.069	184	8483	2.145	ng	# 85

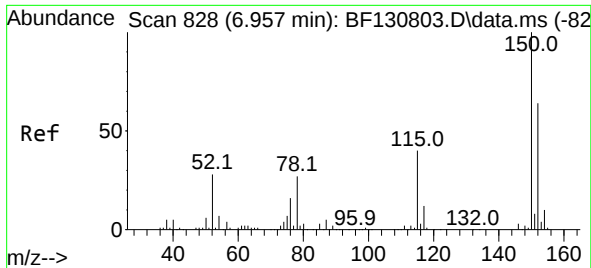
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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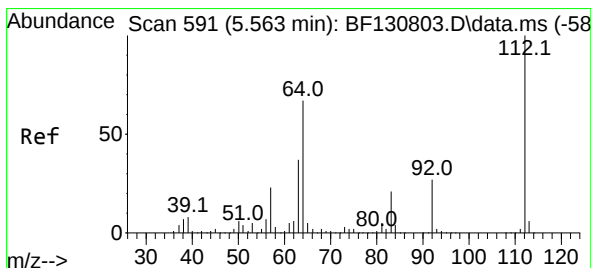
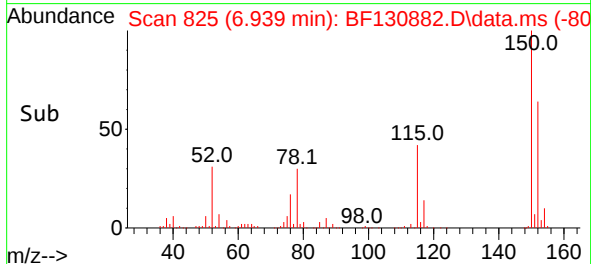
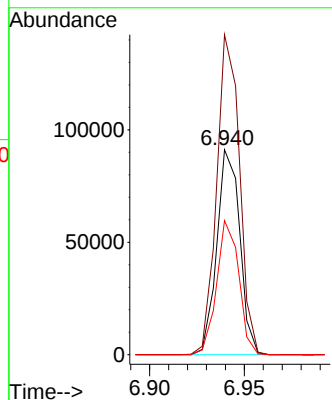
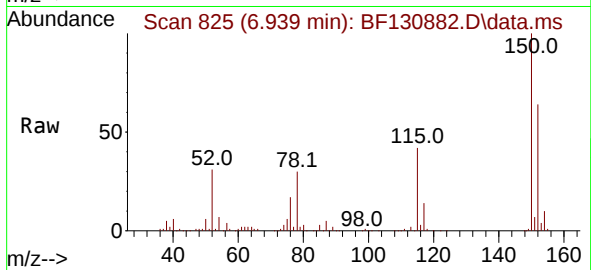




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130882.D
Acq: 31 Oct 2022 16:36

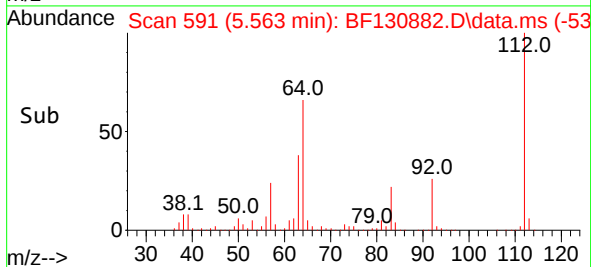
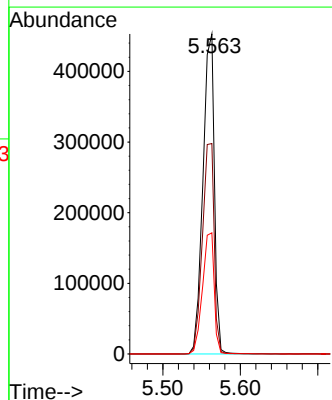
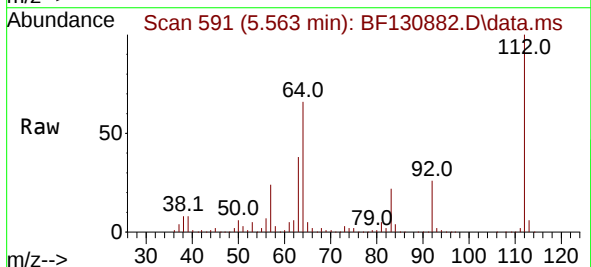
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

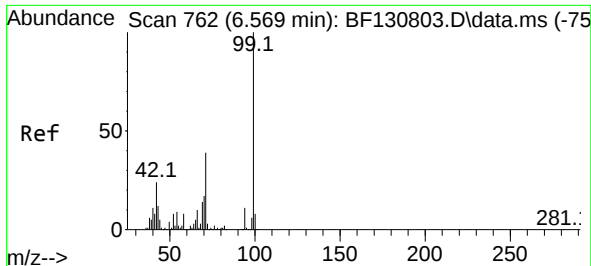
Tgt Ion:152 Resp: 76823
Ion Ratio Lower Upper
152 100
150 156.2 124.1 186.1
115 65.5 50.1 75.1



#5
2-Fluorophenol
Concen: 105.000 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.006 min
Lab File: BF130882.D
Acq: 31 Oct 2022 16:36

Tgt Ion:112 Resp: 465295
Ion Ratio Lower Upper
112 100
64 65.8 53.9 80.9
63 37.8 29.4 44.2

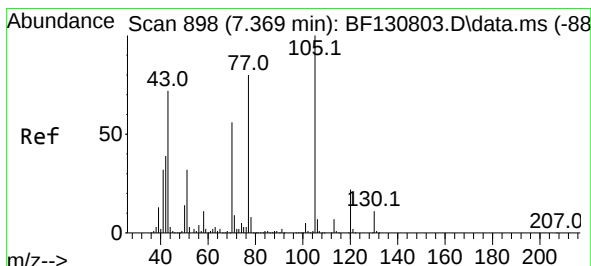
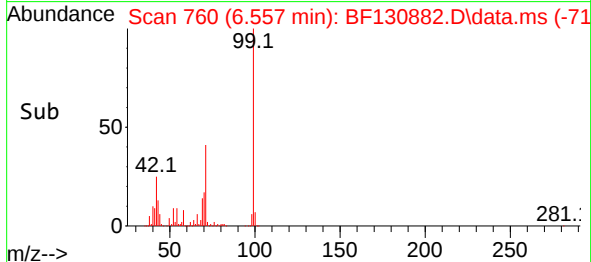
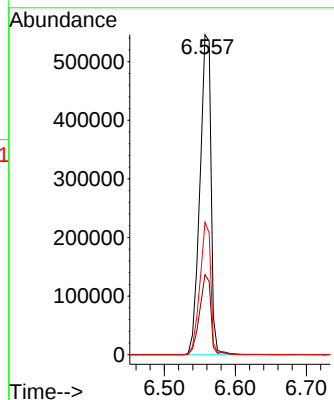
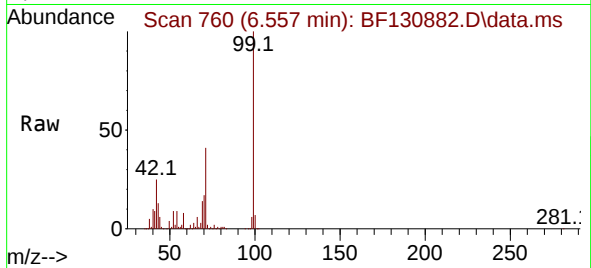




#7
Phenol-d6
Concen: 103.123 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130882.D
Acq: 31 Oct 2022 16:36

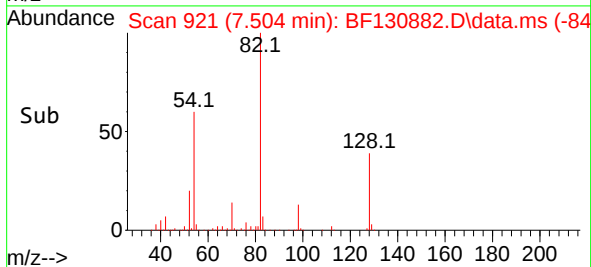
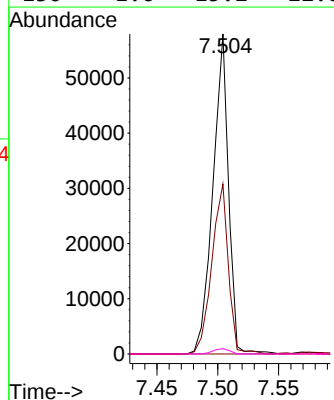
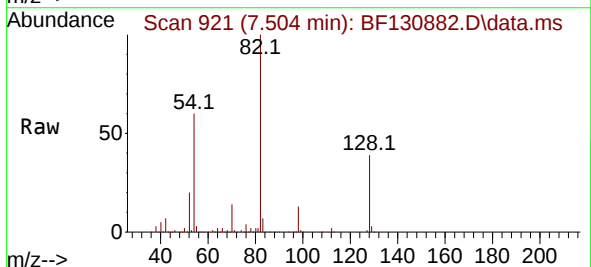
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

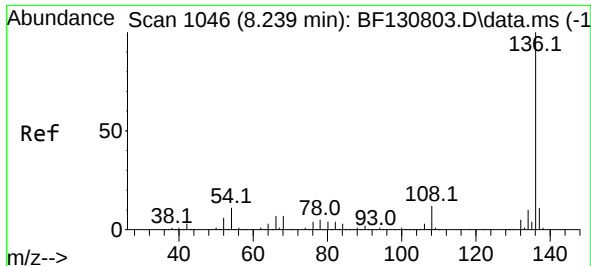
Tgt Ion: 99 Resp: 593839
Ion Ratio Lower Upper
99 100
42 25.0 18.8 28.2
71 41.4 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.141 ng
RT: 7.504 min Scan# 921
Delta R.T. 0.141 min
Lab File: BF130882.D
Acq: 31 Oct 2022 16:36

Tgt Ion: 70 Resp: 51487
Ion Ratio Lower Upper
70 100
42 53.1 56.1 84.1#
101 0.0 7.3 10.9#
130 1.6 15.2 22.8#



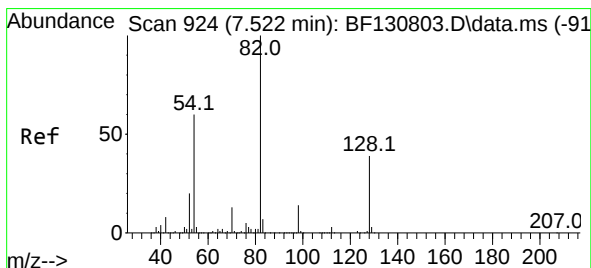
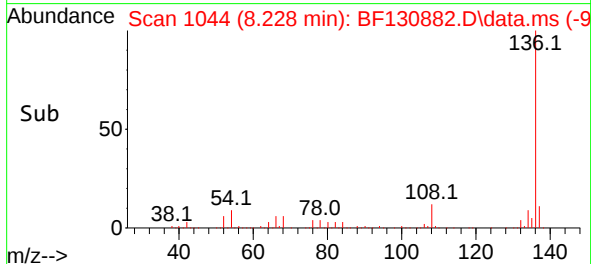
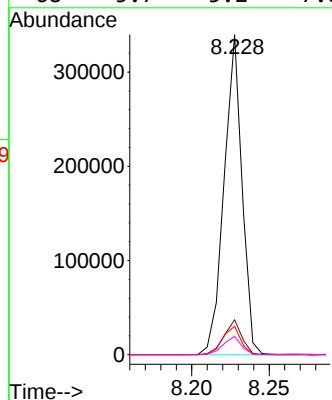
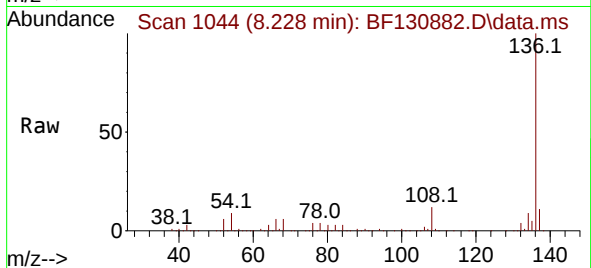


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130882.D
Acq: 31 Oct 2022 16:36

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:136 Resp: 273376

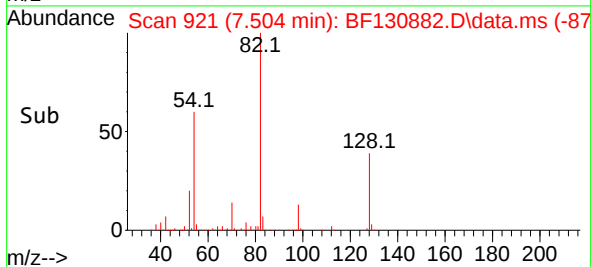
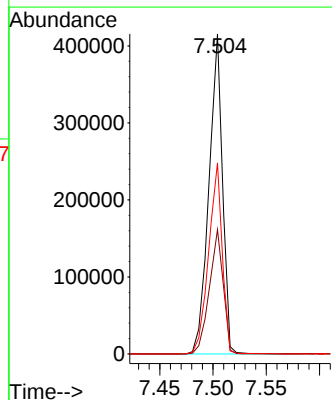
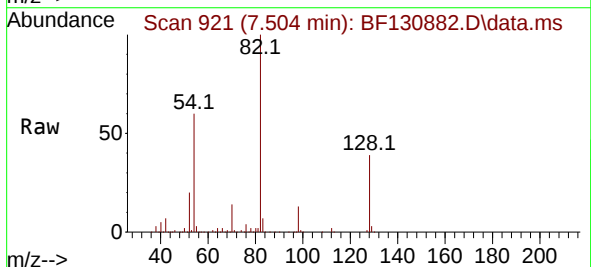
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	8.9	8.8	13.2
68	5.7	5.2	7.8



#23
Nitrobenzene-d5
Concen: 81.555 ng
RT: 7.504 min Scan# 921
Delta R.T. -0.012 min
Lab File: BF130882.D
Acq: 31 Oct 2022 16:36

Tgt Ion: 82 Resp: 369744

Ion	Ratio	Lower	Upper
82	100		
128	38.8	31.2	46.8
54	59.7	48.0	72.0

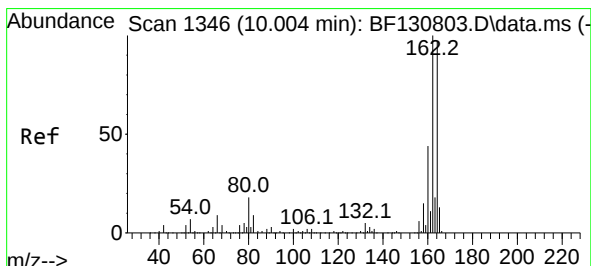
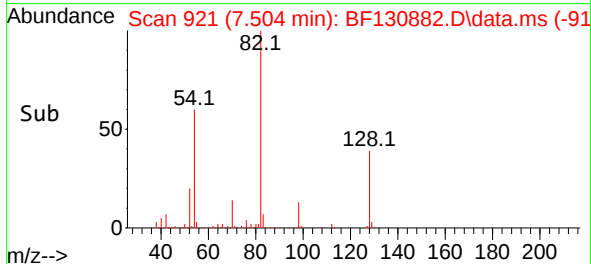
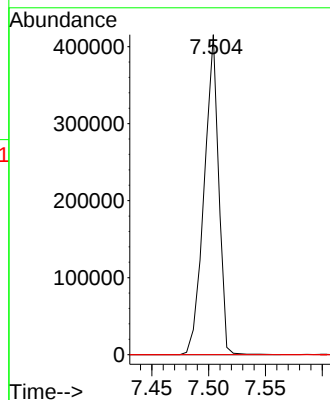
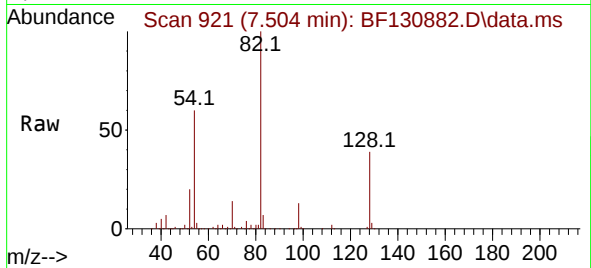




#25
Isophorone
Concen: 39.548 ng
RT: 7.504 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130882.D
Acq: 31 Oct 2022 16:36

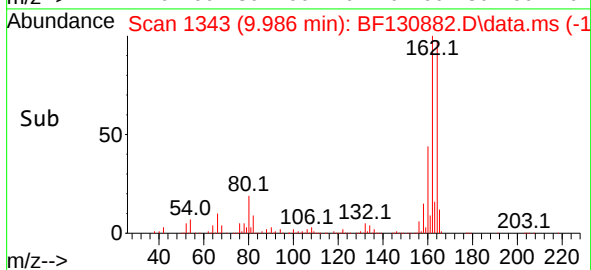
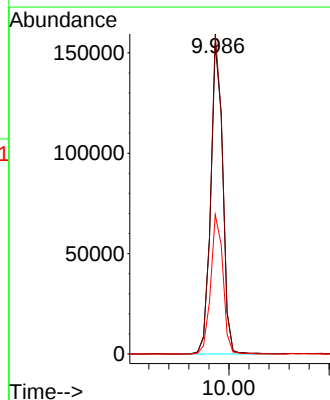
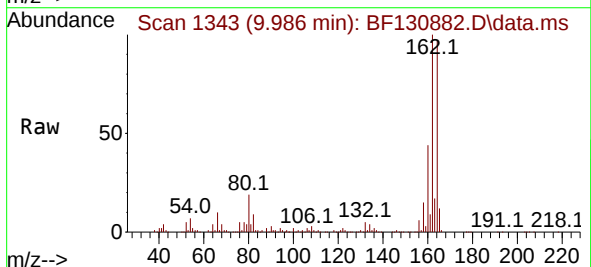
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

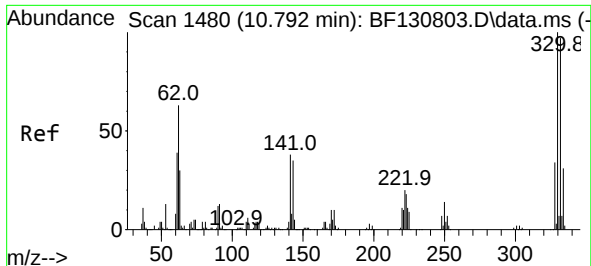
Tgt Ion: 82 Resp: 369740
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.012 min
Lab File: BF130882.D
Acq: 31 Oct 2022 16:36

Tgt Ion:164 Resp: 129438
Ion Ratio Lower Upper
164 100
162 103.2 82.2 123.2
160 44.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 102.615 ng

RT: 10.780 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF130882.D

Acq: 31 Oct 2022 16:36

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

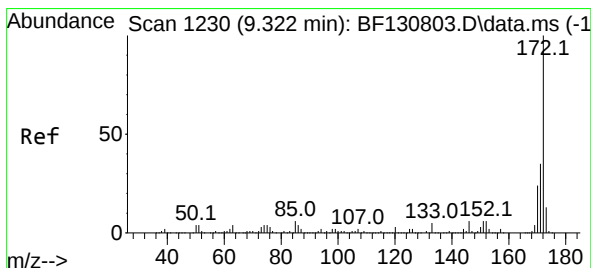
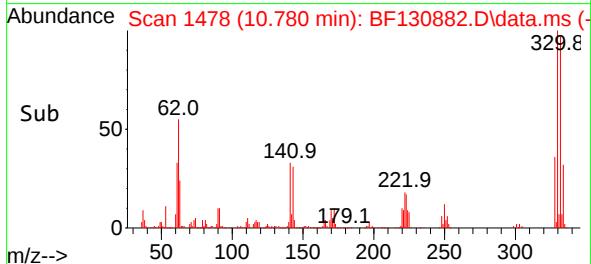
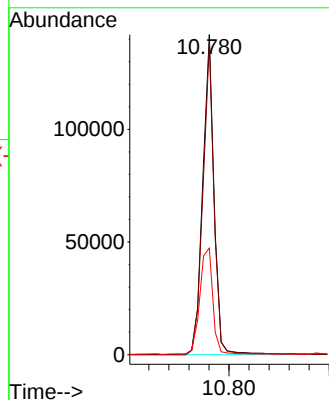
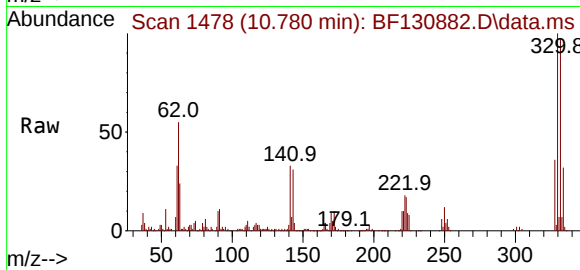
Tgt Ion:330 Resp: 111810

Ion Ratio Lower Upper

330 100

332 96.1 76.2 114.4

141 38.0 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 71.892 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF130882.D

Acq: 31 Oct 2022 16:36

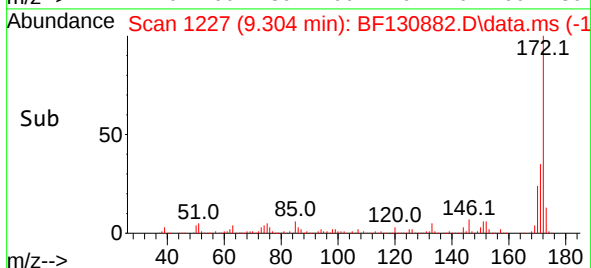
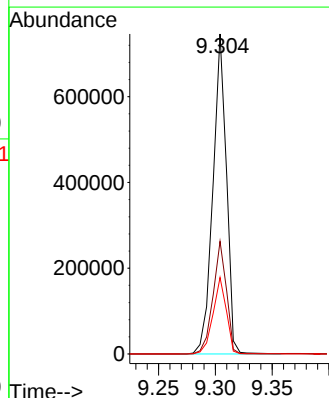
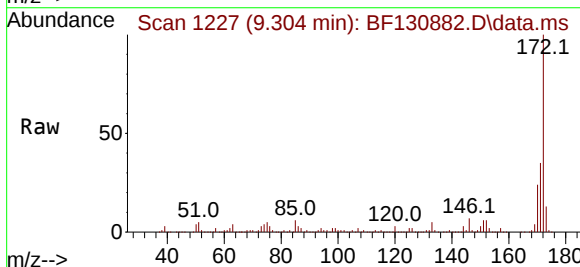
Tgt Ion:172 Resp: 615497

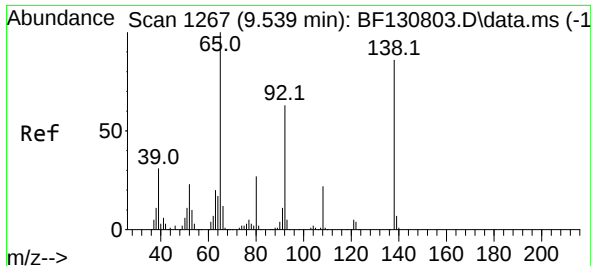
Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 23.9 19.0 28.4

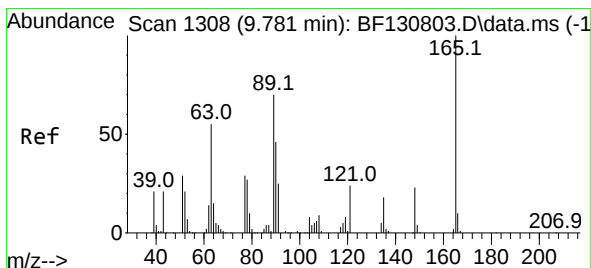
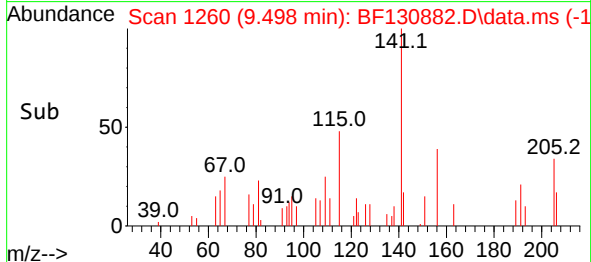
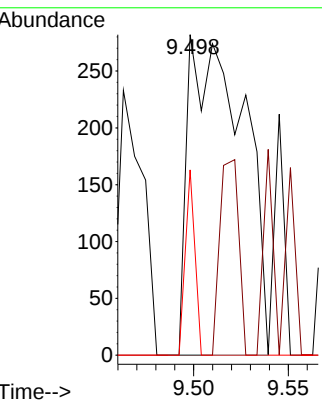
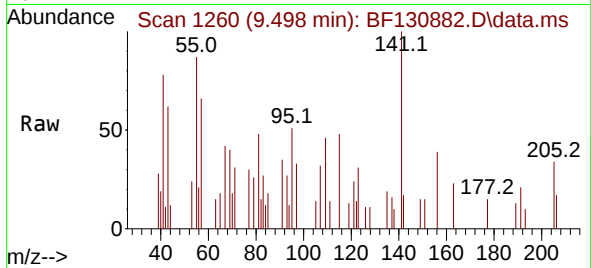




#48
2-Nitroaniline
Concen: 4.367 ng
RT: 9.498 min Scan# 11
Delta R.T. -0.035 min
Lab File: BF130882.D
Acq: 31 Oct 2022 16:36

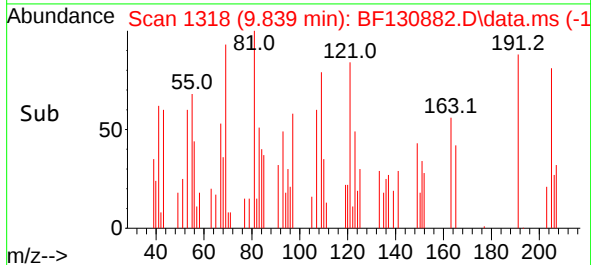
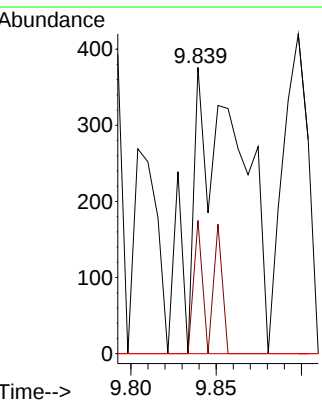
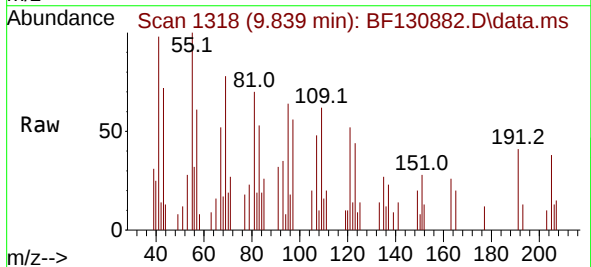
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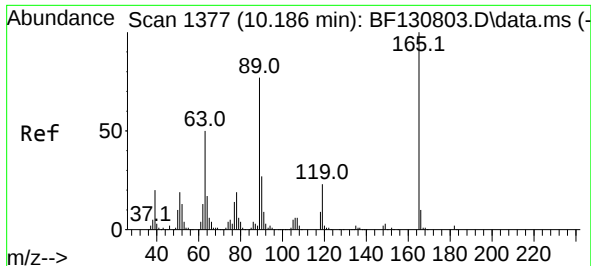
Tgt Ion: 65 Resp: 572
Ion Ratio Lower Upper
65 100
92 0.0 50.1 75.1#
138 57.8 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 3.226 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.065 min
Lab File: BF130882.D
Acq: 31 Oct 2022 16:36

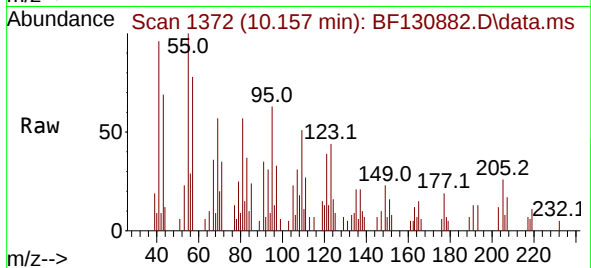
Tgt Ion: 165 Resp: 785
Ion Ratio Lower Upper
165 100
63 46.5 61.8 92.8#
89 0.0 56.2 84.4#



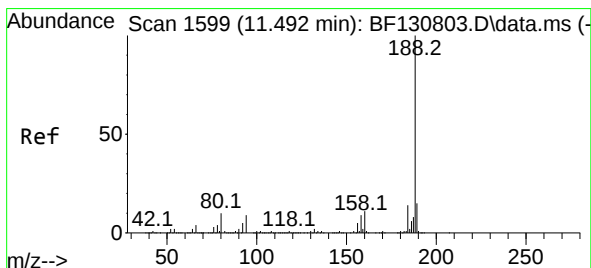
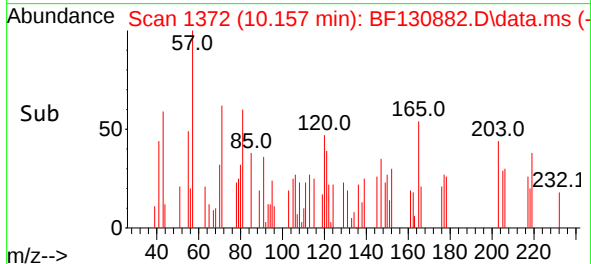
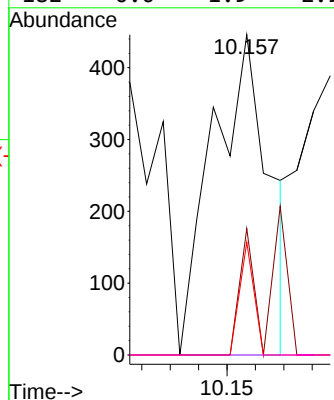


#57
2,4-Dinitrotoluene
Concen: 3.975 ng
RT: 10.157 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF130882.D
Acq: 31 Oct 2022 16:36

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

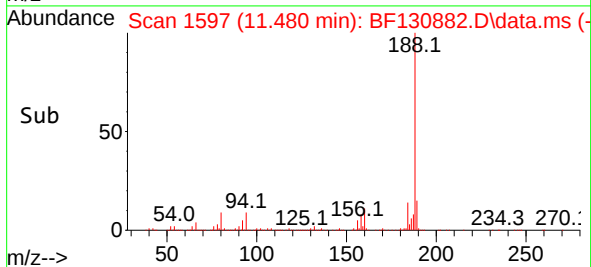
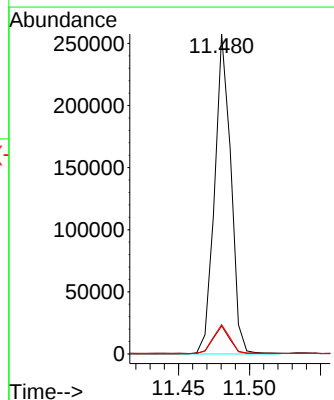
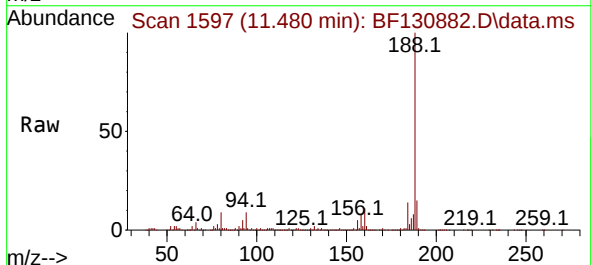


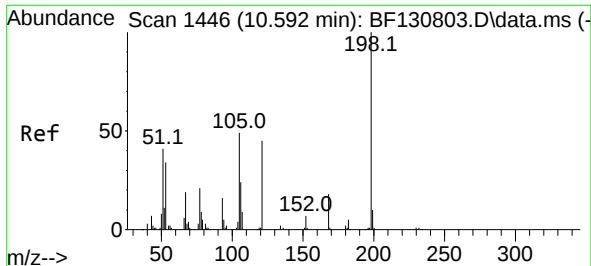
Tgt Ion:165 Resp: 618
Ion Ratio Lower Upper
165 100
63 39.5 39.8 59.6#
89 35.2 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF130882.D
Acq: 31 Oct 2022 16:36

Tgt Ion:188 Resp: 204482
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.1 8.0 12.0





#65

4,6-Dinitro-2-methylphenol

Concen: 8.188 ng

RT: 10.780 min Scan# 1446

Delta R.T. 0.194 min

Lab File: BF130882.D

Acq: 31 Oct 2022 16:36

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

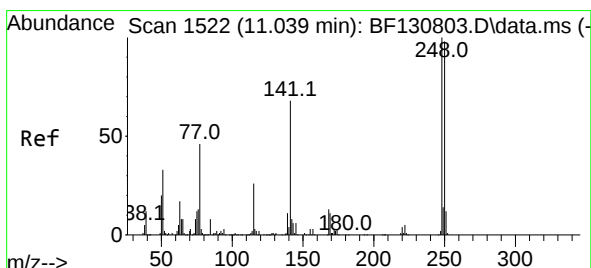
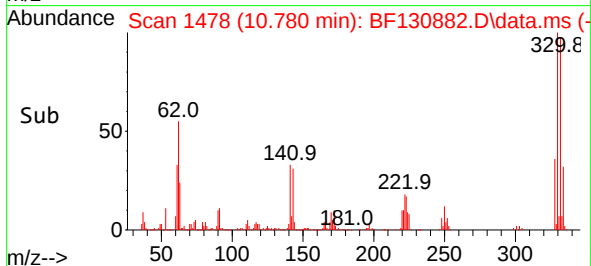
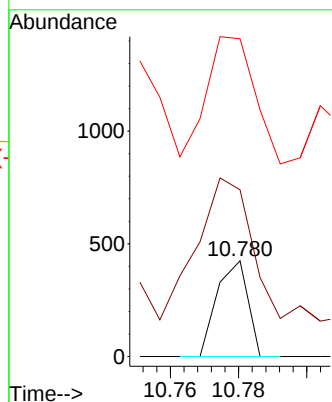
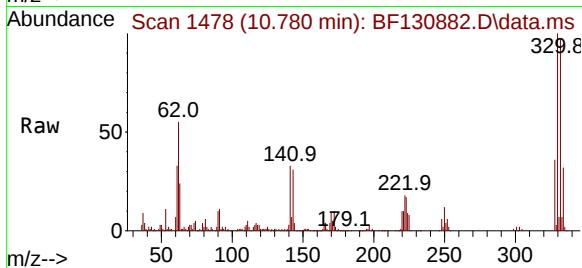
Tgt Ion:198 Resp: 266

Ion Ratio Lower Upper

198 100

51 174.1 39.0 79.0#

105 331.8 30.6 70.6#



#67

4-Bromophenyl-phenylether

Concen: 3.525 ng

RT: 10.780 min Scan# 1478

Delta R.T. -0.247 min

Lab File: BF130882.D

Acq: 31 Oct 2022 16:36

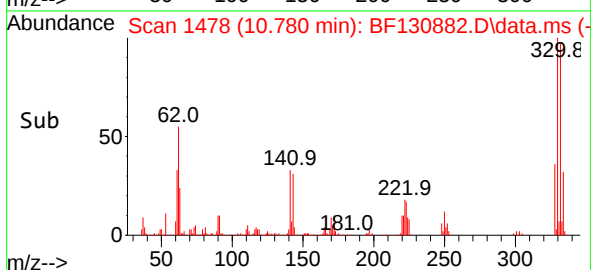
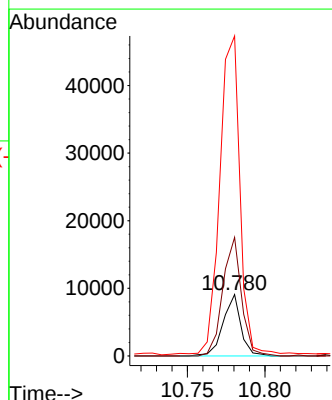
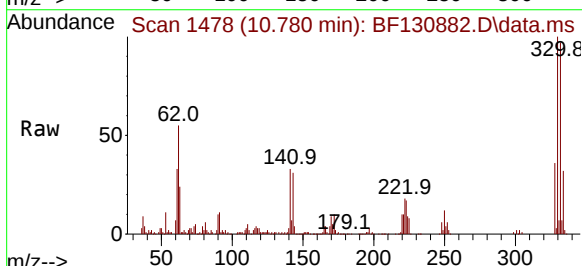
Tgt Ion:248 Resp: 7248

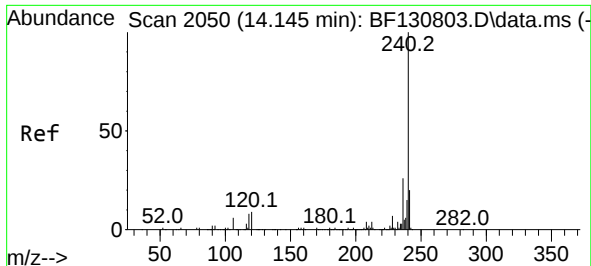
Ion Ratio Lower Upper

248 100

250 193.0 78.6 117.8#

141 521.0 54.2 81.4#

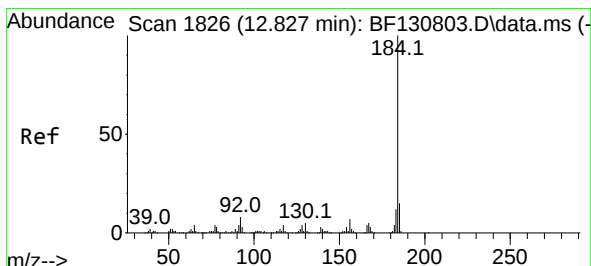
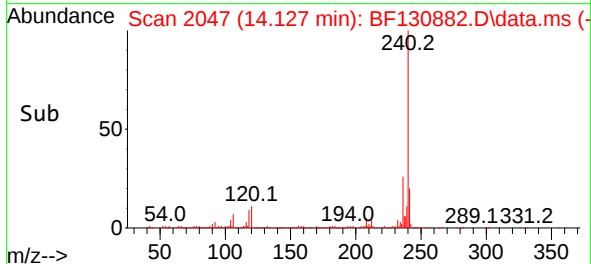
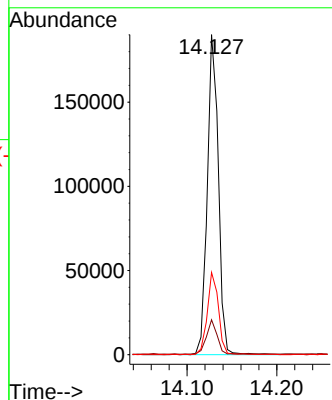
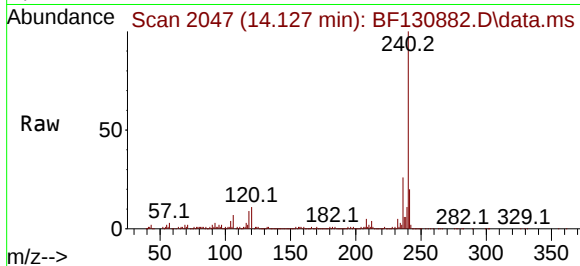




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF130882.D
Acq: 31 Oct 2022 16:36

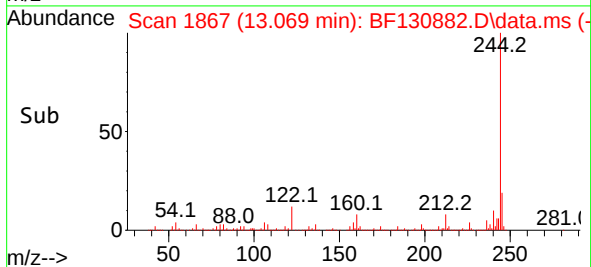
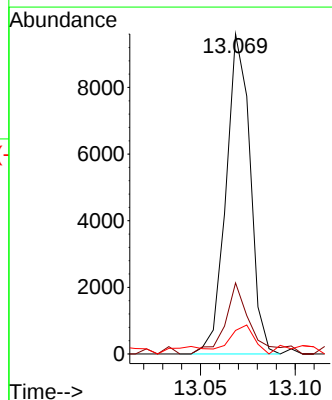
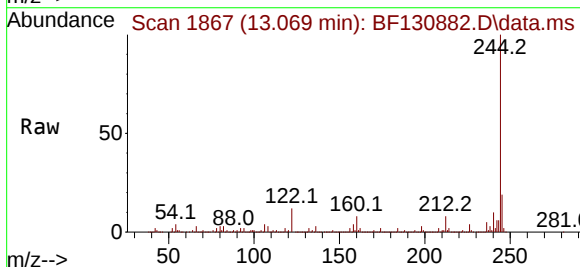
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

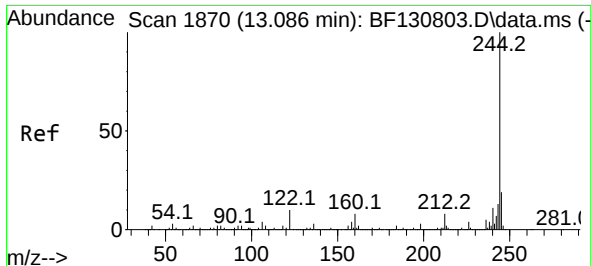
Tgt Ion:240 Resp: 162947
Ion Ratio Lower Upper
240 100
120 10.9 7.0 10.4#
236 25.7 20.5 30.7



#77
Benzidine
Concen: 2.145 ng
RT: 13.069 min Scan# 1867
Delta R.T. 0.247 min
Lab File: BF130882.D
Acq: 31 Oct 2022 16:36

Tgt Ion:184 Resp: 8483
Ion Ratio Lower Upper
184 100
185 22.2 11.8 17.8#
183 7.3 9.7 14.5#

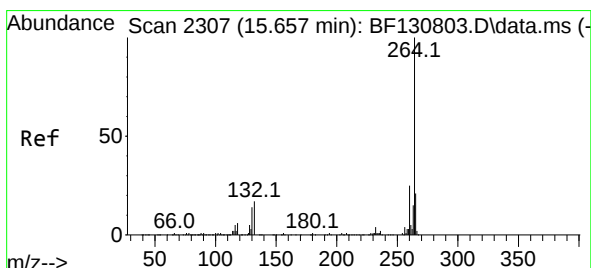
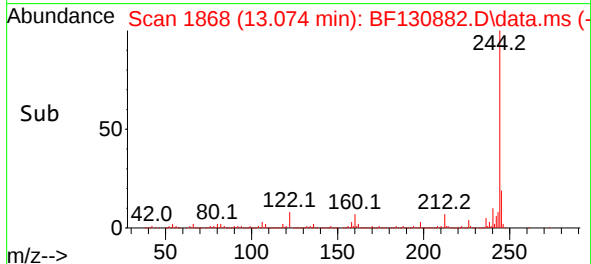
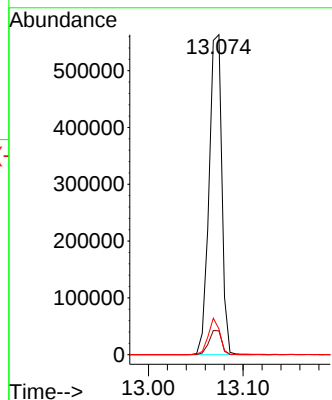
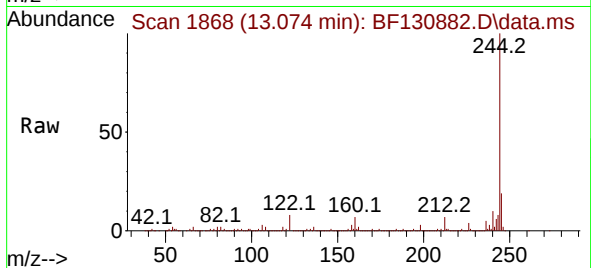




#79
 Terphenyl-d14
 Concen: 59.053 ng
 RT: 13.074 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: BF130882.D
 Acq: 31 Oct 2022 16:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tgt Ion:244 Resp: 525117
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 8.1 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: BF130882.D
 Acq: 31 Oct 2022 16:36

Tgt Ion:264 Resp: 124193
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.9 29.9
 265 21.5 17.0 25.6

