

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
 Data File : BF130886.D
 Acq On : 31 Oct 2022 18:47
 Operator : CG\JU
 Sample : N5355-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5518-2

Quant Time: Nov 01 02:30:45 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)

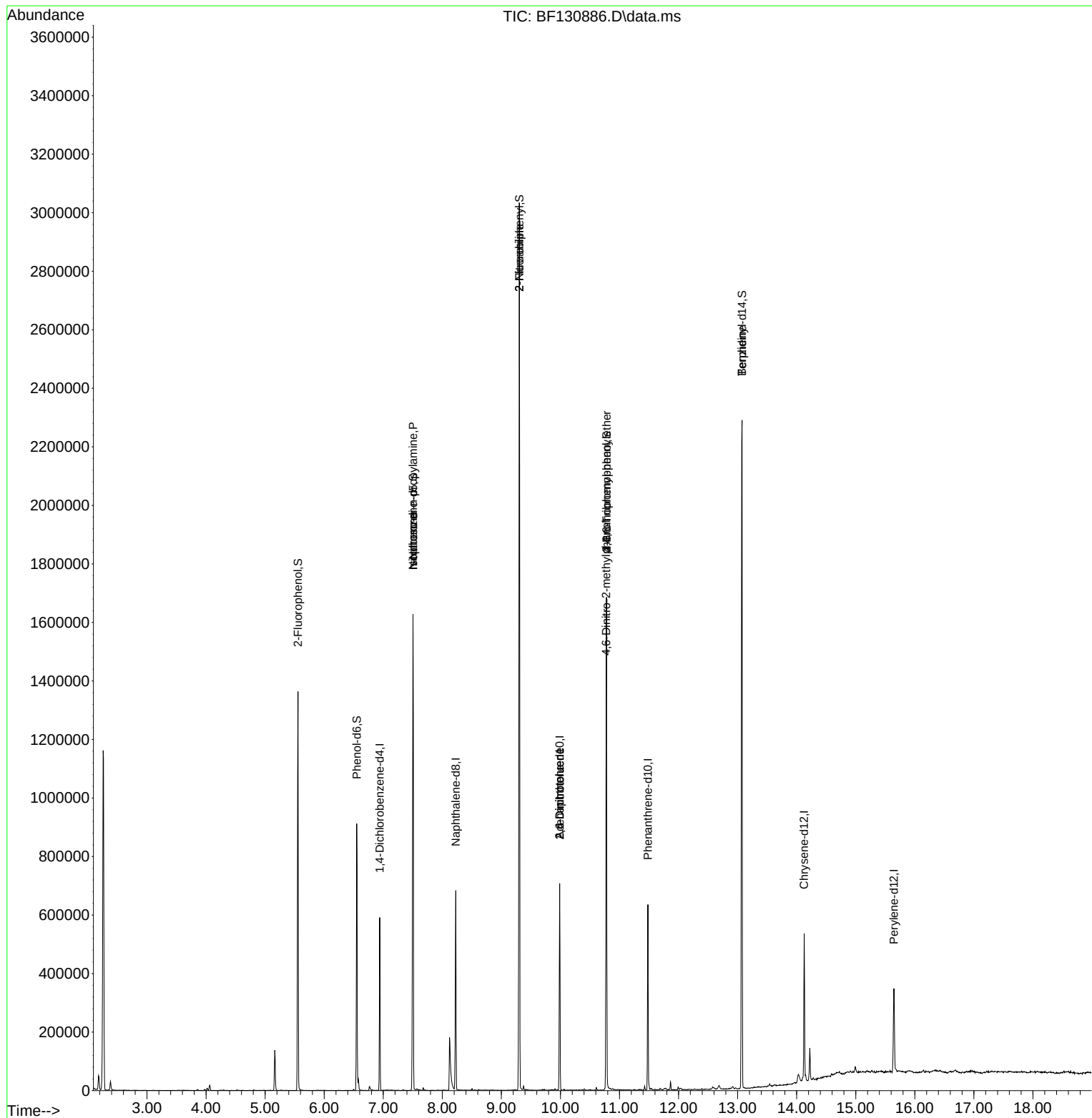
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	72741	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	261843	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	126759	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	203887	20.000	ng	0.00
76) Chrysene-d12	14.127	240	161184	20.000	ng	0.00
86) Perylene-d12	15.645	264	128688	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	312012	74.361	ng	0.00
7) Phenol-d6	6.551	99	260974	47.862	ng	-0.01
23) Nitrobenzene-d5	7.504	82	538307	123.965	ng	-0.01
42) 2,4,6-Tribromophenol	10.780	330	175254	164.241	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	901523	107.527	ng	0.00
79) Terphenyl-d14	13.074	244	807742	91.830	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	75528	20.359	ng	# 80
25) Isophorone	7.504	82	536907	59.958	ng	# 66
48) 2-Nitroaniline	9.304	65	1800	4.853	ng	# 1
51) 2,6-Dinitrotoluene	9.986	165	16312	12.072	ng	# 14
57) 2,4-Dinitrotoluene	9.986	165	16312	10.945	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.775	198	560	8.477	ng	# 1
67) 4-Bromophenyl-phenylether	10.780	248	11467	5.593	ng	# 1
77) Benzidine	13.074	184	12631	3.228	ng	# 90

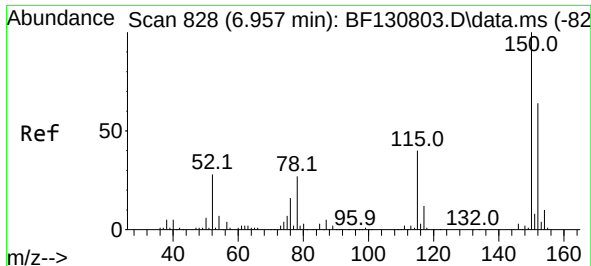
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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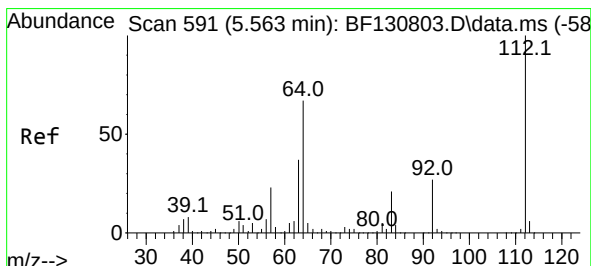
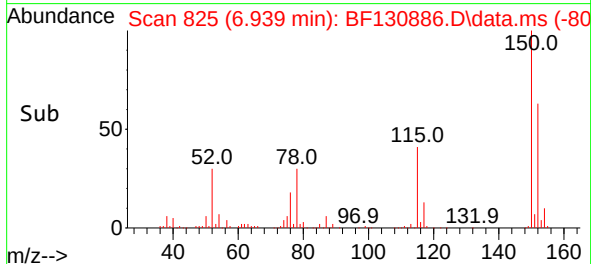
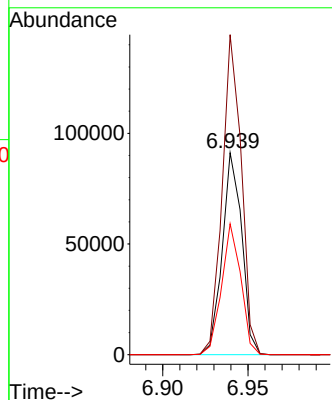
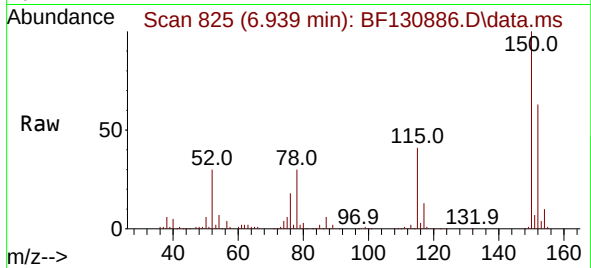




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.939 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF130886.D
 Acq: 31 Oct 2022 18:47

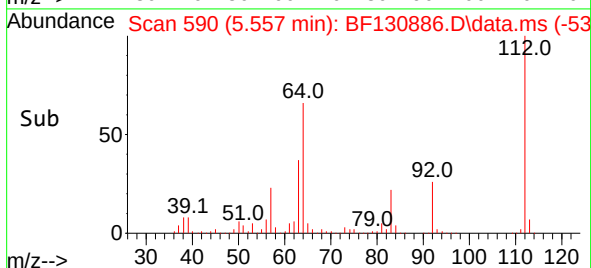
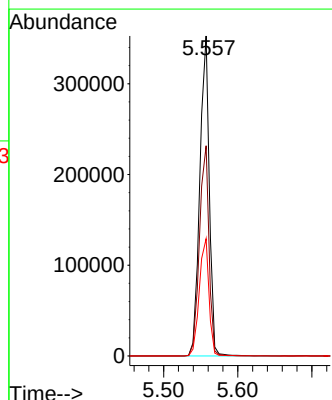
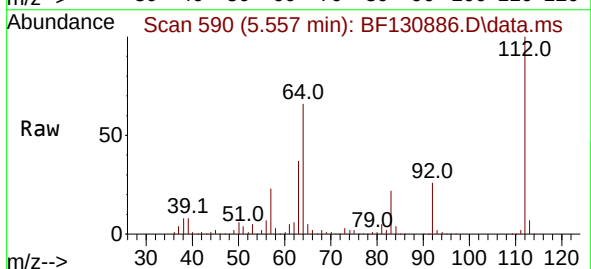
Instrument :
 BNA_F
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 5518-2

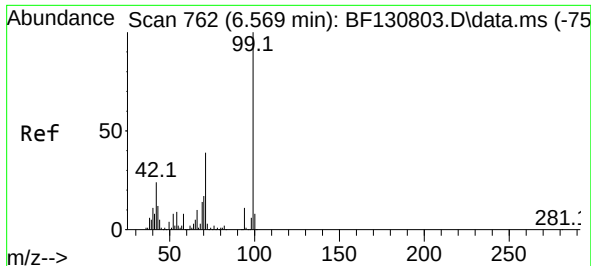
Tgt Ion:152 Resp: 72741
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.1 186.1
 115 64.8 50.1 75.1



#5
 2-Fluorophenol
 Concen: 74.361 ng
 RT: 5.557 min Scan# 590
 Delta R.T. -0.000 min
 Lab File: BF130886.D
 Acq: 31 Oct 2022 18:47

Tgt Ion:112 Resp: 312012
 Ion Ratio Lower Upper
 112 100
 64 65.7 53.9 80.9
 63 36.7 29.4 44.2

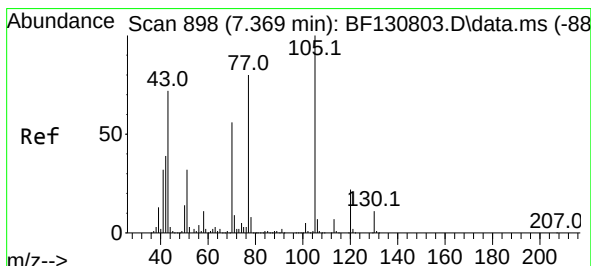
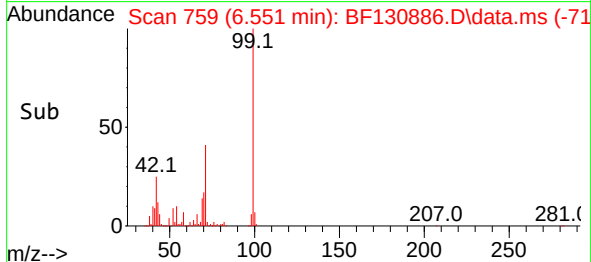
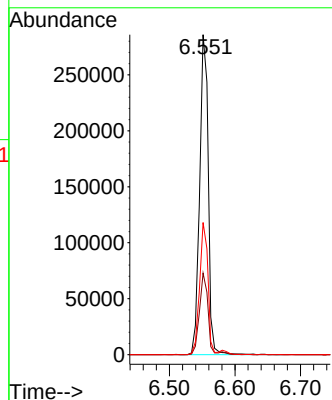
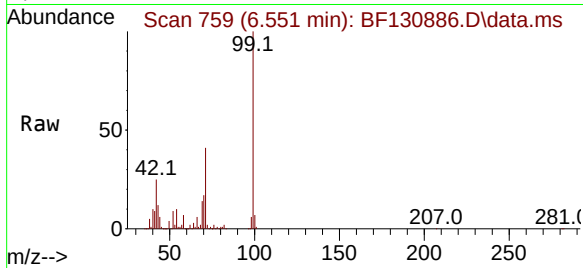




#7
Phenol-d6
Concen: 47.862 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130886.D
Acq: 31 Oct 2022 18:47

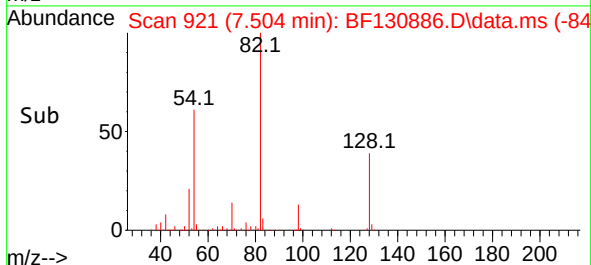
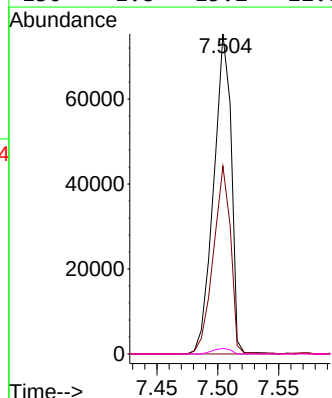
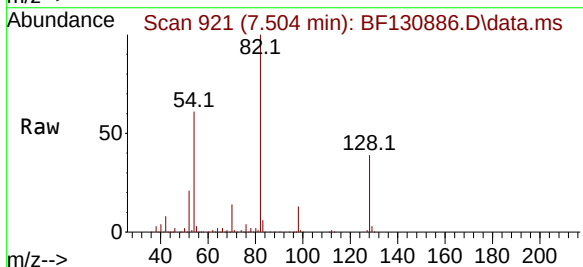
Instrument :
BNA_F
ClientSampleId :
5518-2

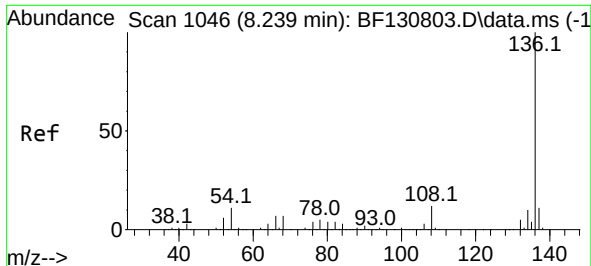
Tgt Ion: 99 Resp: 260974
Ion Ratio Lower Upper
99 100
42 25.5 18.8 28.2
71 41.3 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.359 ng
RT: 7.504 min Scan# 921
Delta R.T. 0.141 min
Lab File: BF130886.D
Acq: 31 Oct 2022 18:47

Tgt Ion: 70 Resp: 75528
Ion Ratio Lower Upper
70 100
42 58.7 56.1 84.1
101 0.0 7.3 10.9#
130 1.8 15.2 22.8#

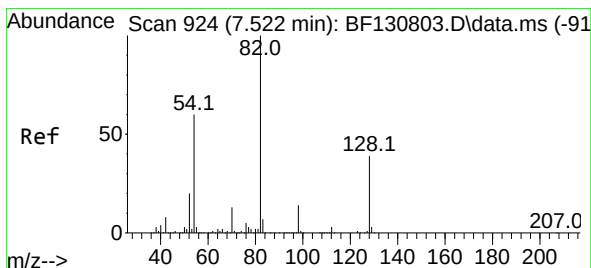
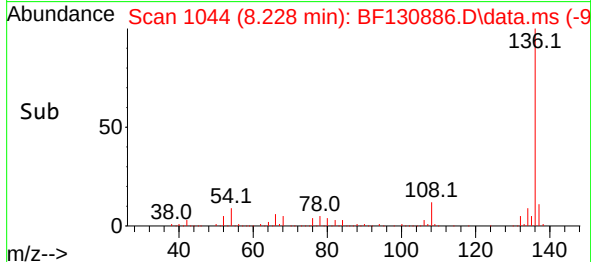
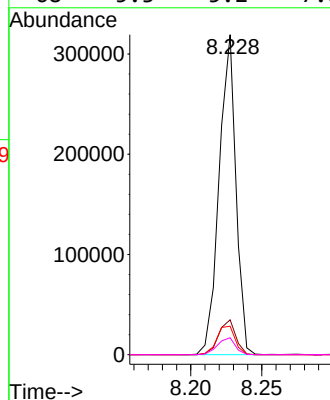
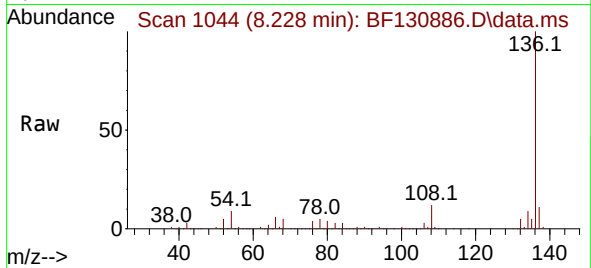




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130886.D
Acq: 31 Oct 2022 18:47

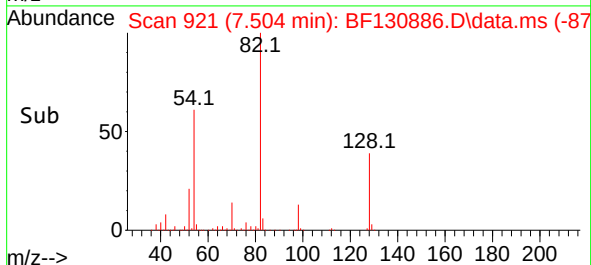
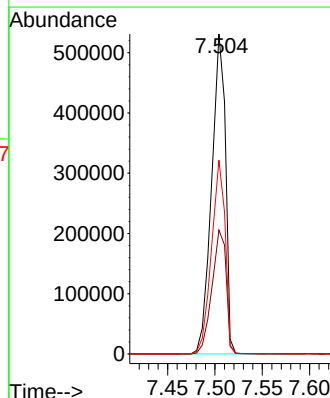
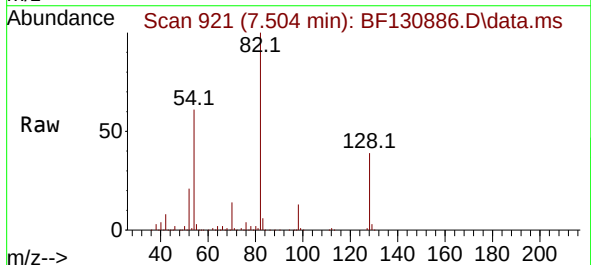
Instrument :
BNA_F
ClientSampleId :
5518-2

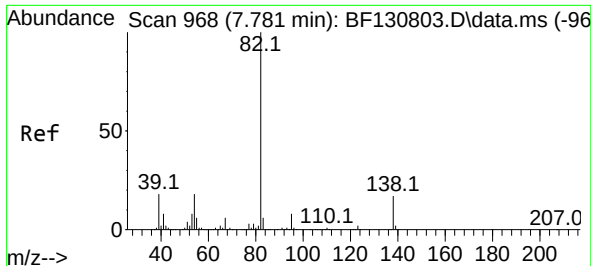
Tgt Ion:136	Resp: 261843
Ion Ratio	Lower Upper
136 100	
137 10.9	9.2 13.8
54 8.9	8.8 13.2
68 5.3	5.2 7.8



#23
Nitrobenzene-d5
Concen: 123.965 ng
RT: 7.504 min Scan# 921
Delta R.T. -0.012 min
Lab File: BF130886.D
Acq: 31 Oct 2022 18:47

Tgt Ion: 82	Resp: 538307
Ion Ratio	Lower Upper
82 100	
128 38.7	31.2 46.8
54 60.6	48.0 72.0

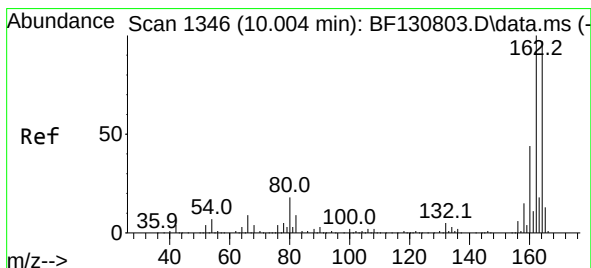
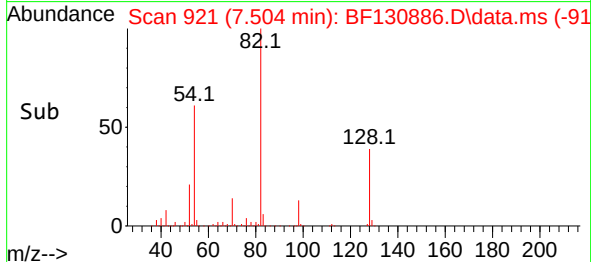
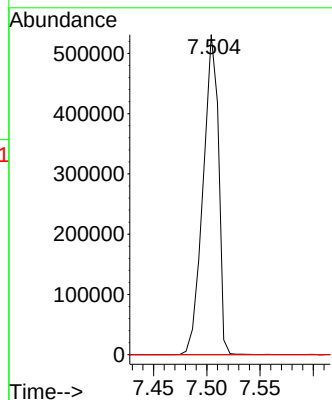
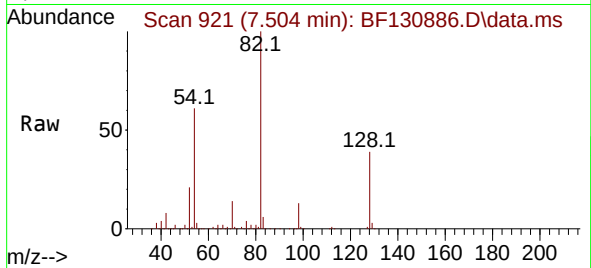




#25
Isophorone
Concen: 59.958 ng
RT: 7.504 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130886.D
Acq: 31 Oct 2022 18:47

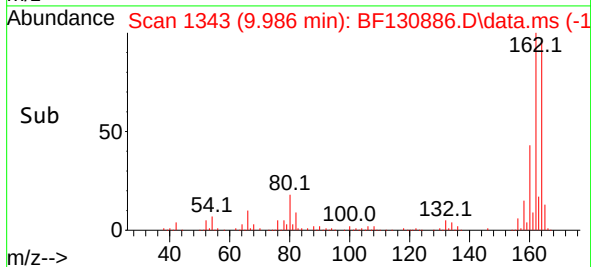
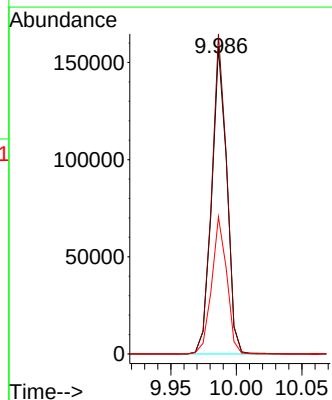
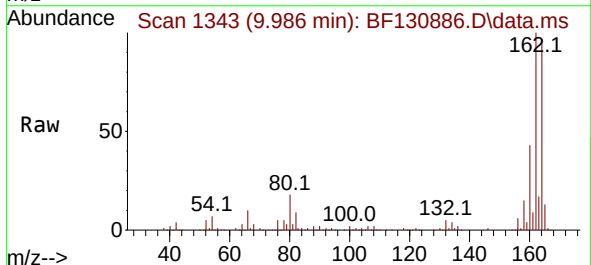
Instrument :
BNA_F
ClientSampleId :
5518-2

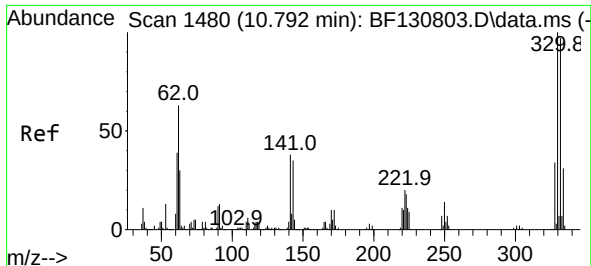
Tgt Ion: 82 Resp: 536907
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.012 min
Lab File: BF130886.D
Acq: 31 Oct 2022 18:47

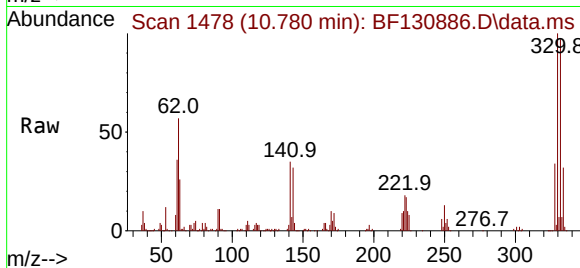
Tgt Ion:164 Resp: 126759
Ion Ratio Lower Upper
164 100
162 104.5 82.2 123.2
160 44.8 36.6 54.8



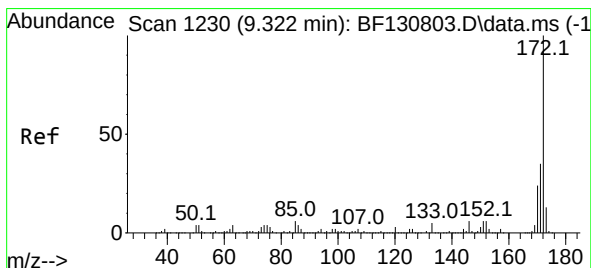
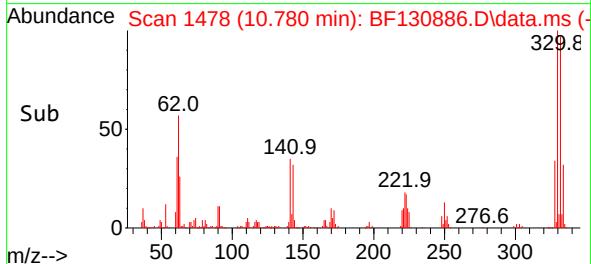
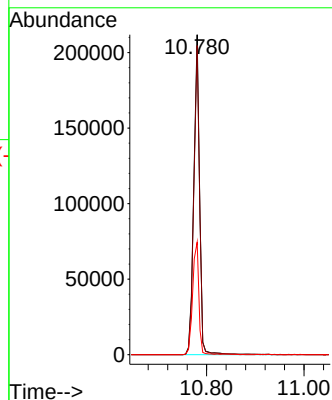


#42
2,4,6-Tribromophenol
Concen: 164.241 ng
RT: 10.780 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF130886.D
Acq: 31 Oct 2022 18:47

Instrument :
BNA_F
ClientSampleId :
5518-2

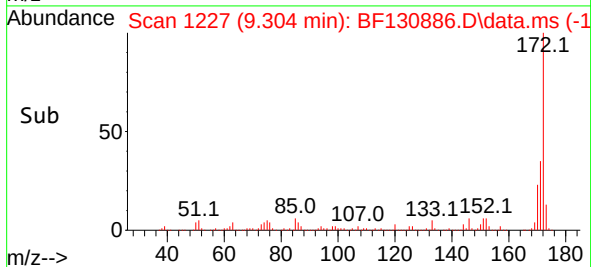
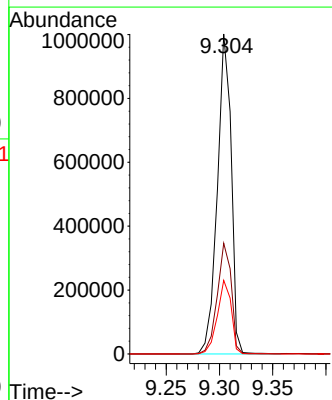
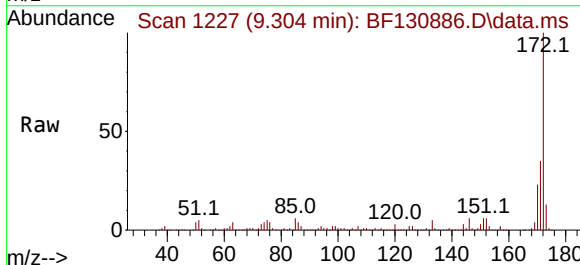


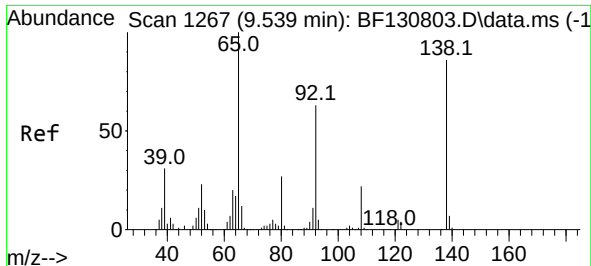
Tgt Ion:330 Resp: 175254
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 37.6 31.4 47.0



#45
2-Fluorobiphenyl
Concen: 107.527 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF130886.D
Acq: 31 Oct 2022 18:47

Tgt Ion:172 Resp: 901523
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.0 19.0 28.4

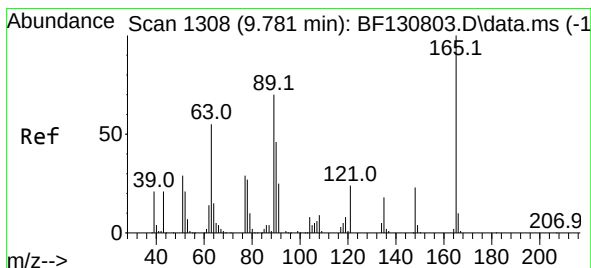
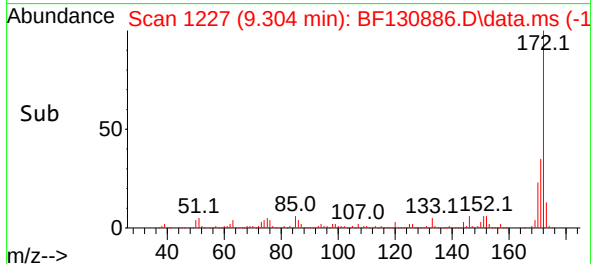
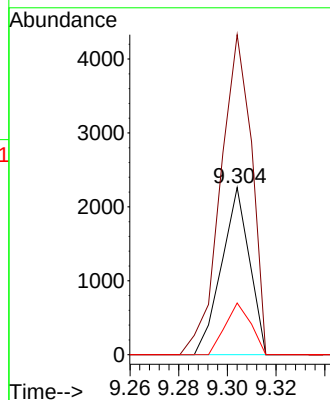
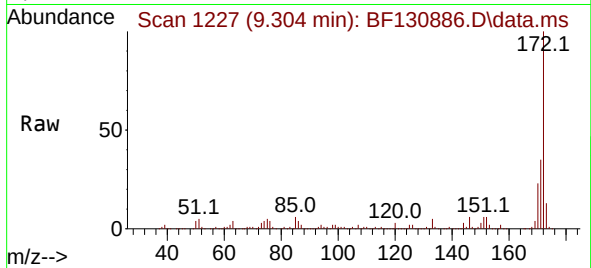




#48
2-Nitroaniline
Concen: 4.853 ng
RT: 9.304 min Scan# 11
Delta R.T. -0.229 min
Lab File: BF130886.D
Acq: 31 Oct 2022 18:47

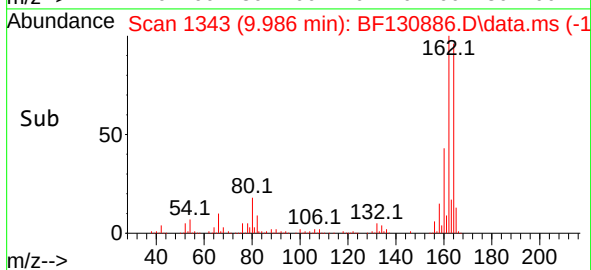
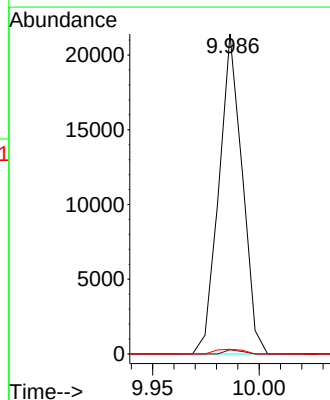
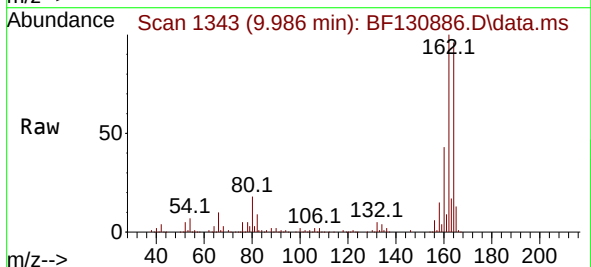
Instrument :
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5518-2

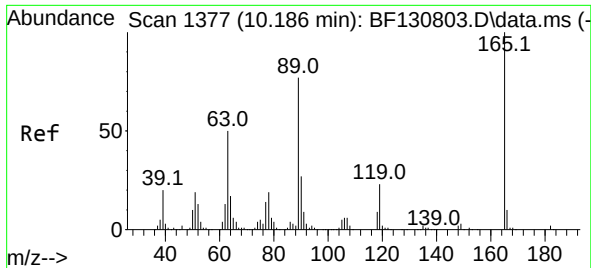
Tgt Ion: 65 Resp: 1800
Ion Ratio Lower Upper
65 100
92 191.4 50.1 75.1#
138 30.9 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 12.072 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.212 min
Lab File: BF130886.D
Acq: 31 Oct 2022 18:47

Tgt Ion: 165 Resp: 16312
Ion Ratio Lower Upper
165 100
63 1.3 61.8 92.8#
89 1.5 56.2 84.4#

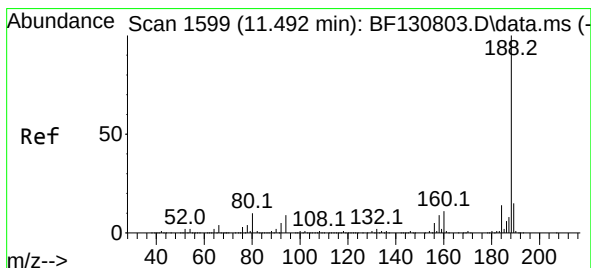
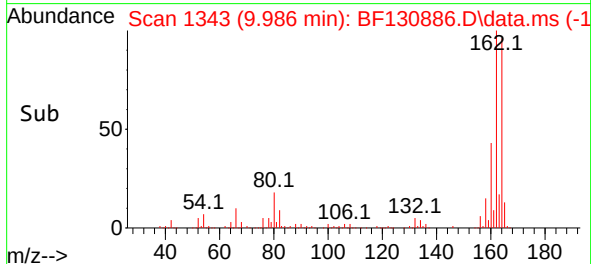
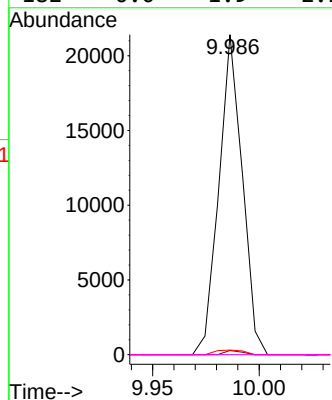
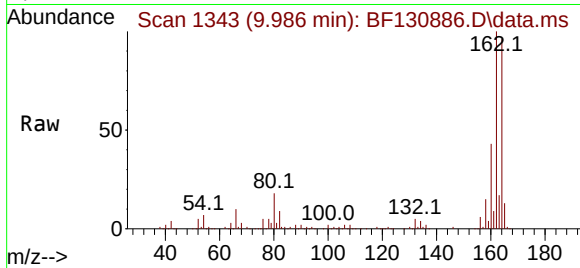




#57
2,4-Dinitrotoluene
Concen: 10.945 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130886.D
Acq: 31 Oct 2022 18:47

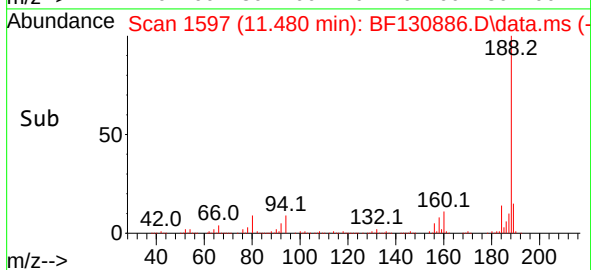
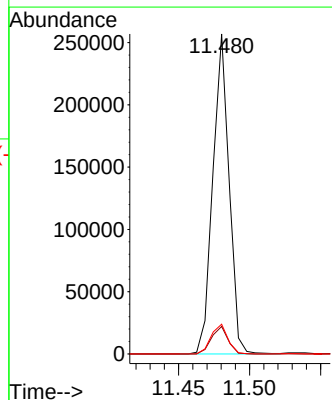
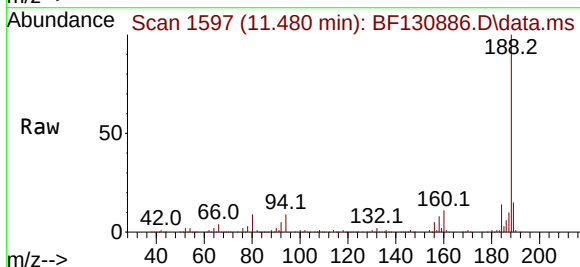
Instrument :
BNA_F
ClientSampleId :
5518-2

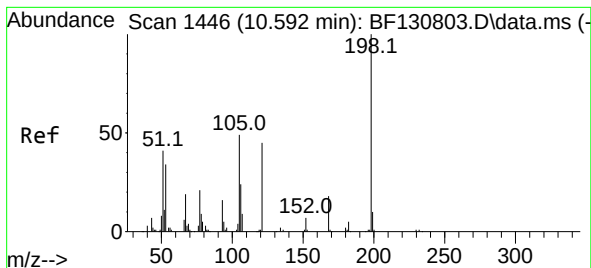
Tgt Ion:165 Resp: 16312
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.5 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF130886.D
Acq: 31 Oct 2022 18:47

Tgt Ion:188 Resp: 203887
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.3 8.0 12.0

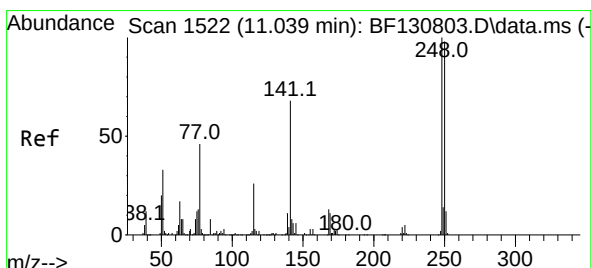
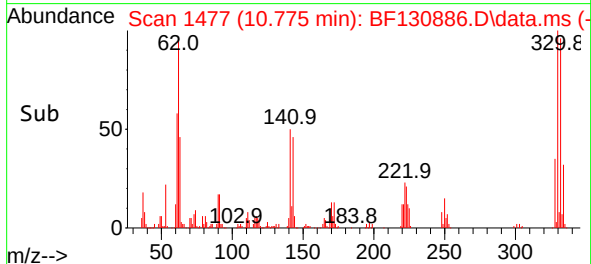
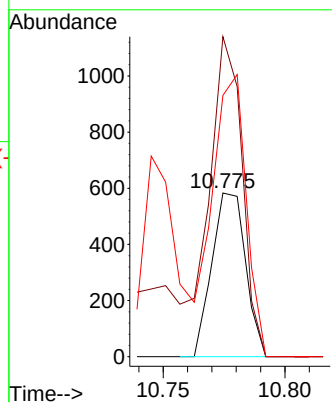
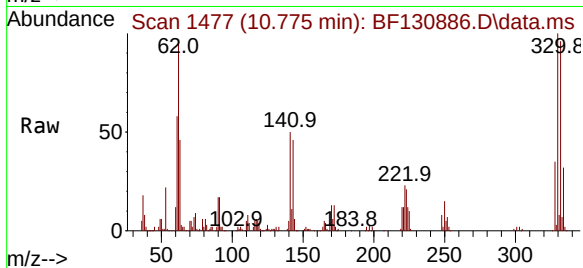




#65
4,6-Dinitro-2-methylphenol
Concen: 8.477 ng
RT: 10.775 min Scan# 1446
Delta R.T. 0.188 min
Lab File: BF130886.D
Acq: 31 Oct 2022 18:47

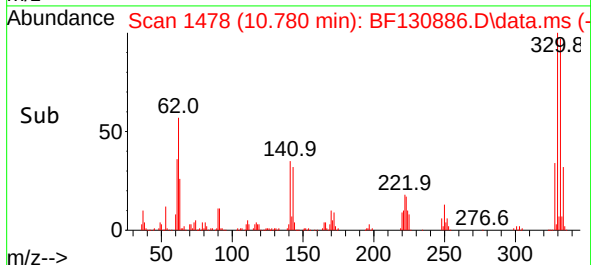
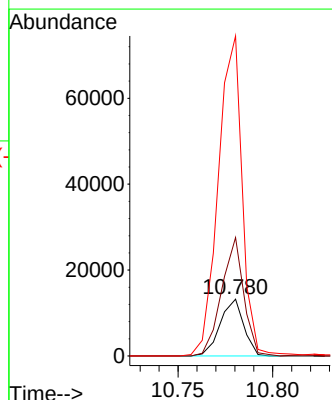
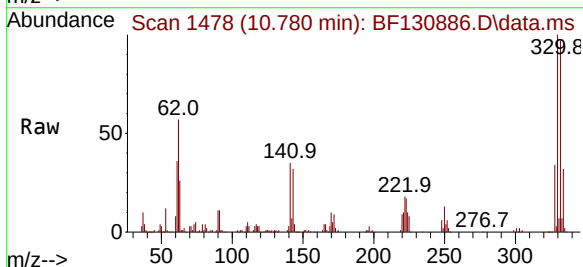
Instrument :
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ClientSampleId :
5518-2

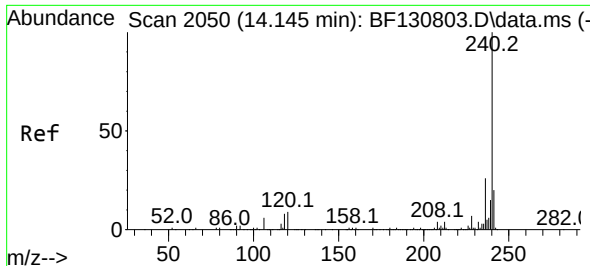
Tgt Ion:198 Resp: 560
Ion Ratio Lower Upper
198 100
51 195.5 39.0 79.0#
105 159.7 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 5.593 ng
RT: 10.780 min Scan# 1478
Delta R.T. -0.247 min
Lab File: BF130886.D
Acq: 31 Oct 2022 18:47

Tgt Ion:248 Resp: 11467
Ion Ratio Lower Upper
248 100
250 208.3 78.6 117.8#
141 562.8 54.2 81.4#

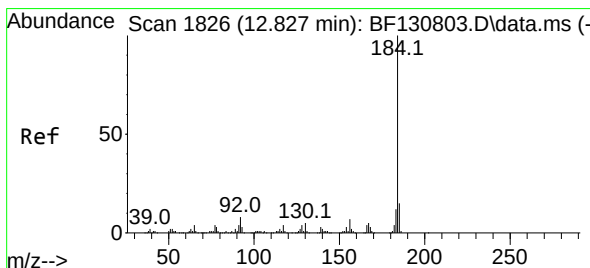
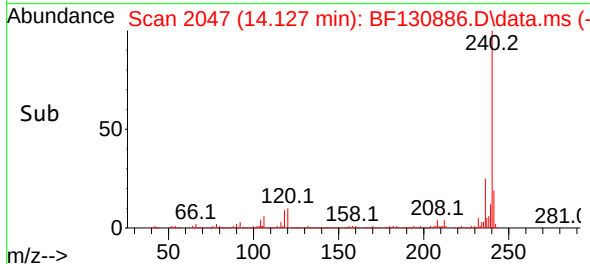
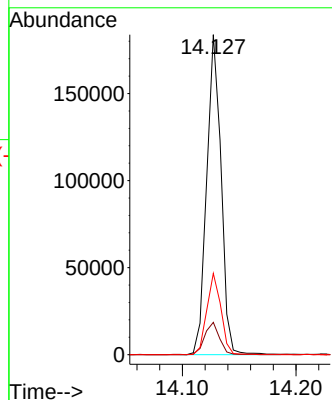
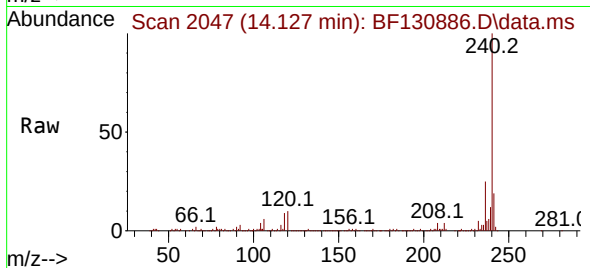




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF130886.D
Acq: 31 Oct 2022 18:47

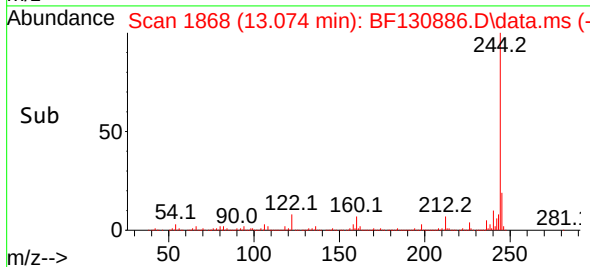
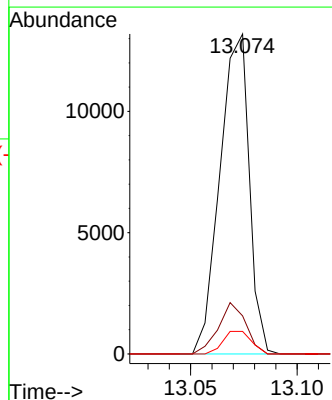
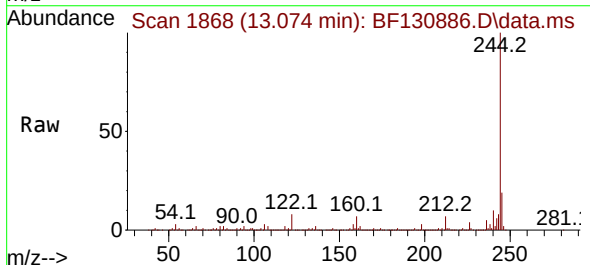
Instrument :
BNA_F
ClientSampleId :
5518-2

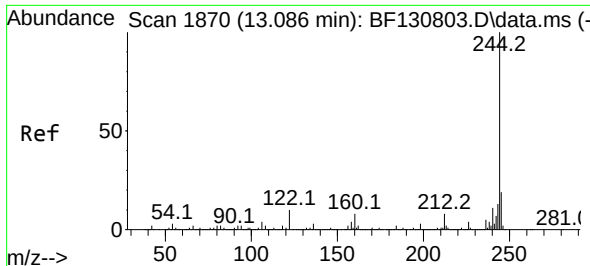
Tgt Ion:240 Resp: 161184
Ion Ratio Lower Upper
240 100
120 10.1 7.0 10.4
236 25.4 20.5 30.7



#77
Benzidine
Concen: 3.228 ng
RT: 13.074 min Scan# 1868
Delta R.T. 0.253 min
Lab File: BF130886.D
Acq: 31 Oct 2022 18:47

Tgt Ion:184 Resp: 12631
Ion Ratio Lower Upper
184 100
185 11.9 11.8 17.8
183 7.0 9.7 14.5#

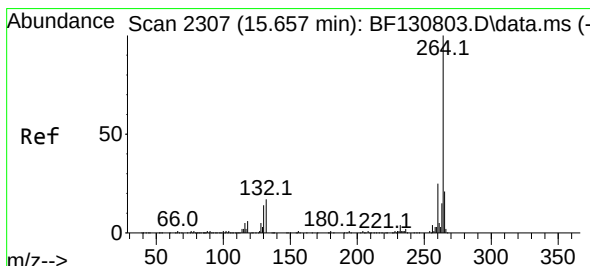
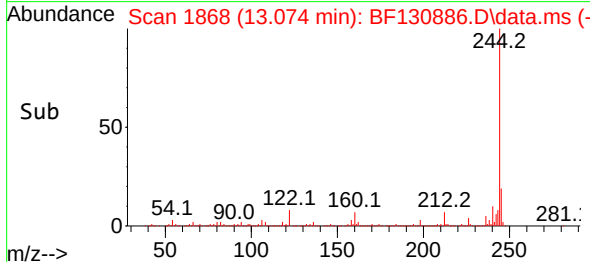
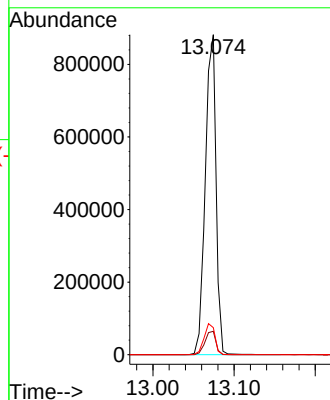
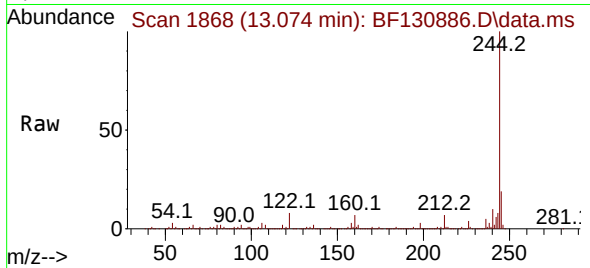




#79
 Terphenyl-d14
 Concen: 91.830 ng
 RT: 13.074 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130886.D
 Acq: 31 Oct 2022 18:47

Instrument :
 BNA_F
 ClientSampleId :
 5518-2

Tgt Ion:244 Resp: 807742
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 8.5 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: BF130886.D
 Acq: 31 Oct 2022 18:47

Tgt Ion:264 Resp: 128688
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.9 29.9
 265 22.0 17.0 25.6

