

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
 Data File : BF130887.D
 Acq On : 31 Oct 2022 19:20
 Operator : CG\JU
 Sample : N5357-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5051-1

Quant Time: Nov 01 02:31:12 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)

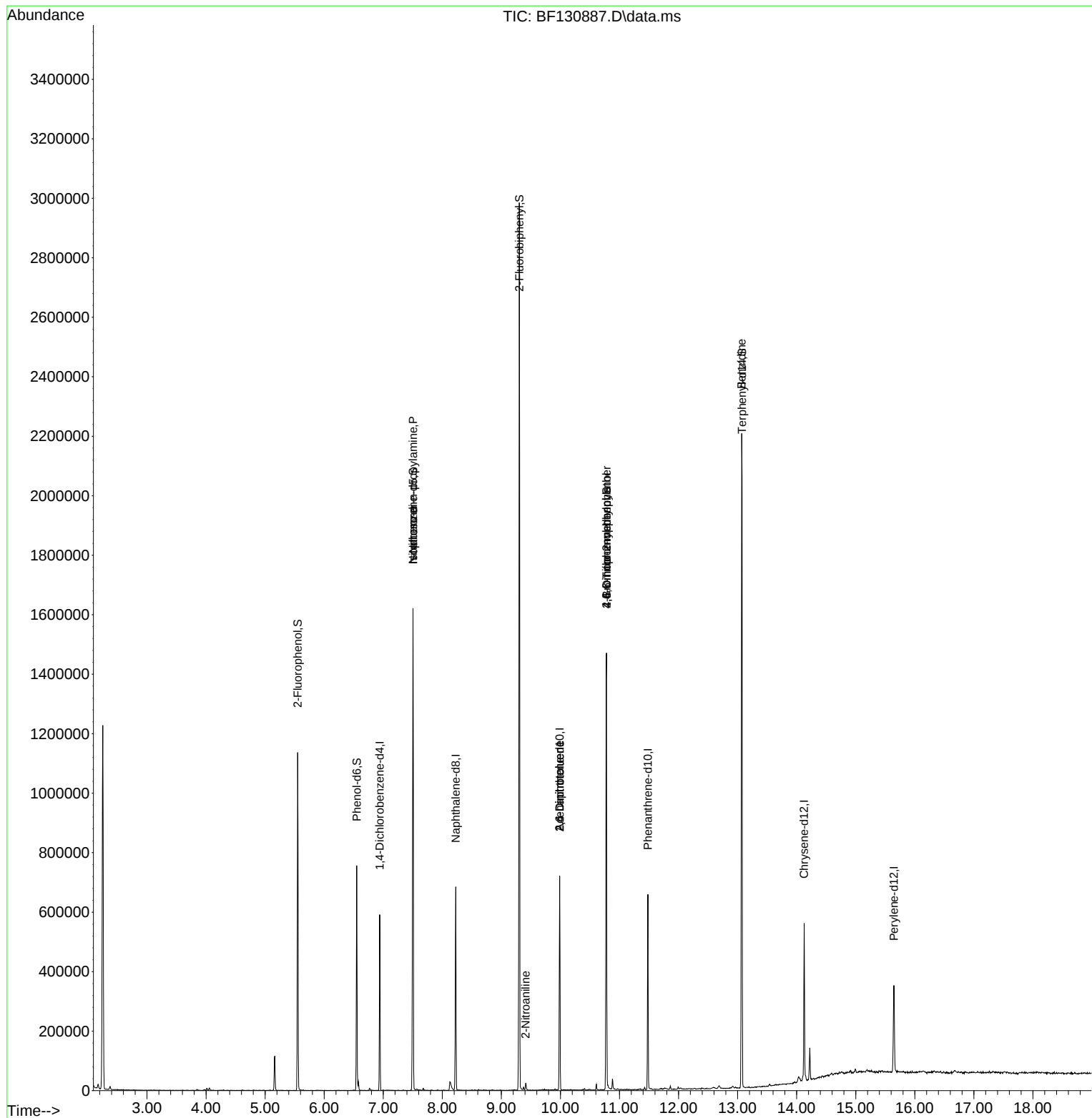
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	73882	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	270170	20.000	ng	# 0.00
39) Acenaphthene-d10	9.986	164	131302	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	209642	20.000	ng	0.00
76) Chrysene-d12	14.127	240	163109	20.000	ng	0.00
86) Perylene-d12	15.645	264	125151	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	258143	60.572	ng	0.00
7) Phenol-d6	6.551	99	196815	35.538	ng	-0.01
23) Nitrobenzene-d5	7.504	82	505965	112.926	ng	-0.01
42) 2,4,6-Tribromophenol	10.780	330	157803	142.770	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	863395	99.416	ng	0.00
79) Terphenyl-d14	13.074	244	762192	85.629	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	71475	18.969	ng	# 79
25) Isophorone	7.504	82	505960	54.761	ng	# 66
48) 2-Nitroaniline	9.410	65	287	4.256	ng	# 12
51) 2,6-Dinitrotoluene	9.986	165	16762	11.998	ng	# 14
57) 2,4-Dinitrotoluene	9.986	165	16762	10.887	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.780	198	354	8.266	ng	# 1
67) 4-Bromophenyl-phenylether	10.780	248	10541	5.000	ng	# 1
77) Benzidine	13.068	184	12018	3.035	ng	# 95

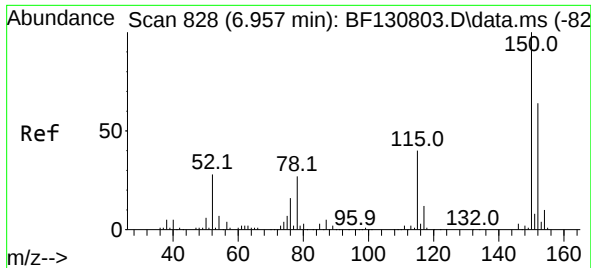
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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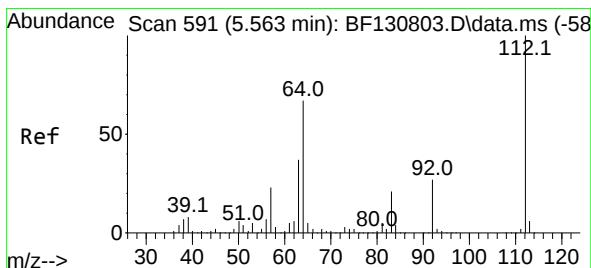
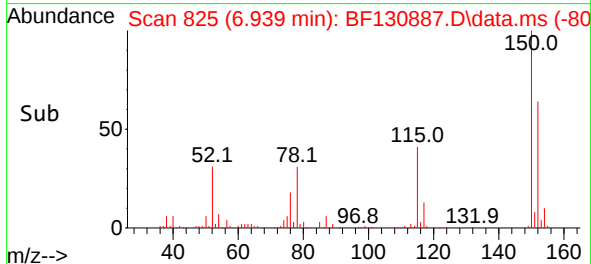
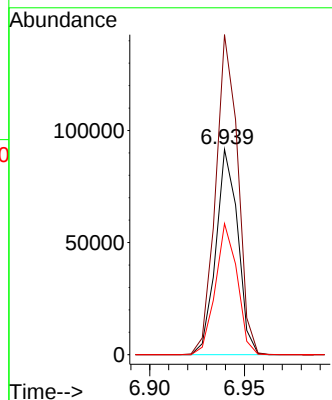
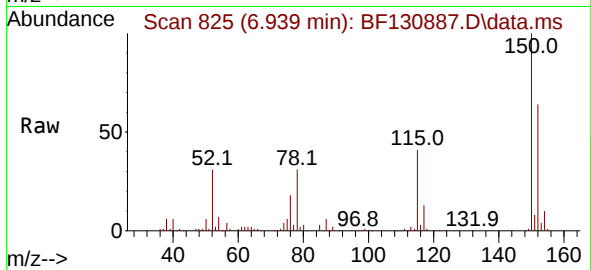




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130887.D
Acq: 31 Oct 2022 19:20

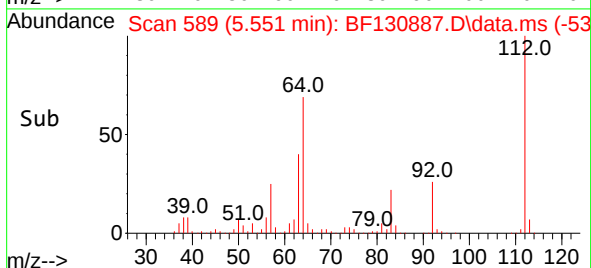
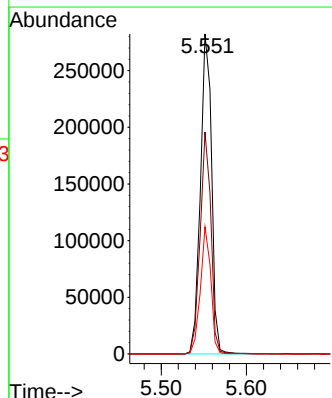
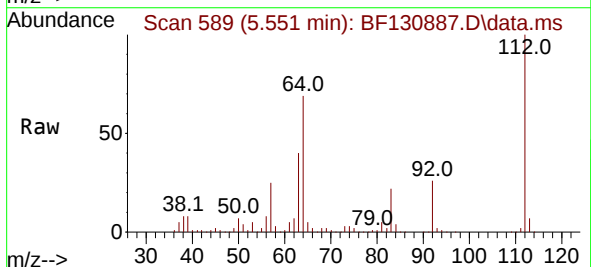
Instrument :
BNA_F
ClientSampleId :
5051-1

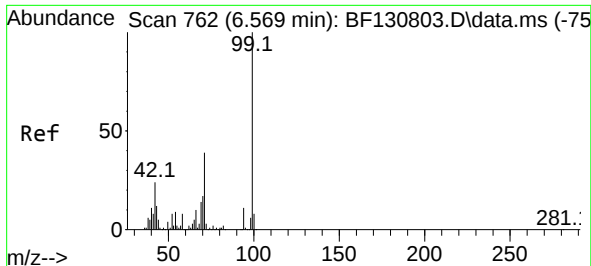
Tgt Ion:152 Resp: 73882
Ion Ratio Lower Upper
152 100
150 155.8 124.1 186.1
115 63.8 50.1 75.1



#5
2-Fluorophenol
Concen: 60.572 ng
RT: 5.551 min Scan# 589
Delta R.T. -0.006 min
Lab File: BF130887.D
Acq: 31 Oct 2022 19:20

Tgt Ion:112 Resp: 258143
Ion Ratio Lower Upper
112 100
64 69.3 53.9 80.9
63 39.7 29.4 44.2

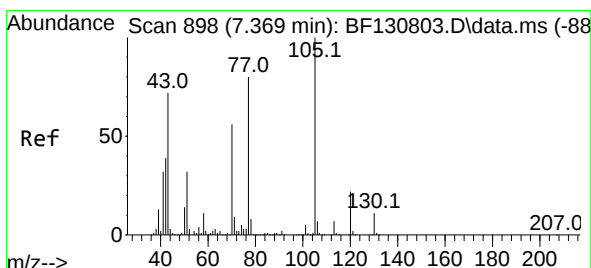
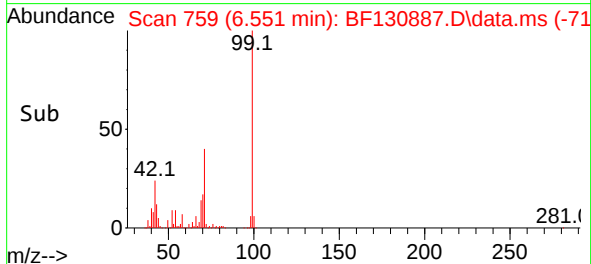
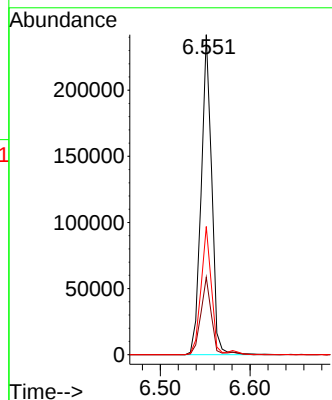
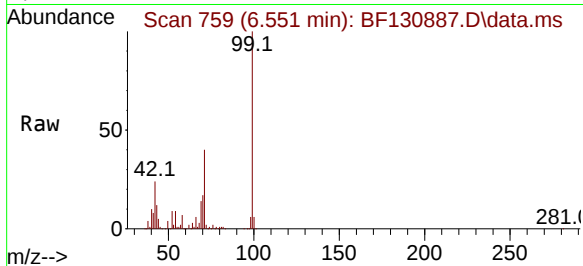




#7
Phenol-d6
Concen: 35.538 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130887.D
Acq: 31 Oct 2022 19:20

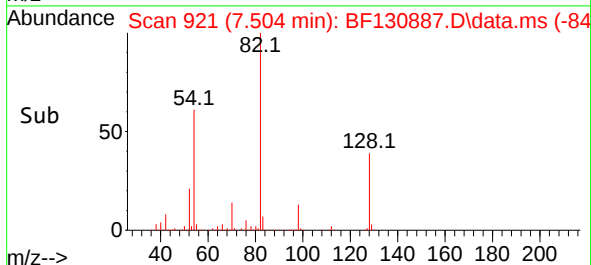
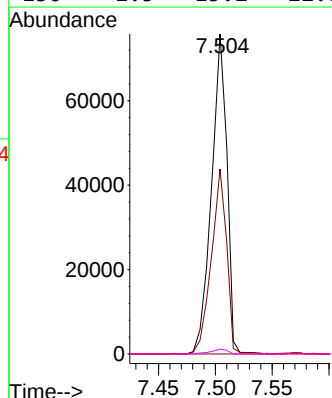
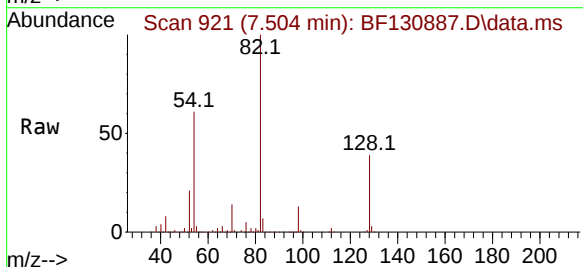
Instrument :
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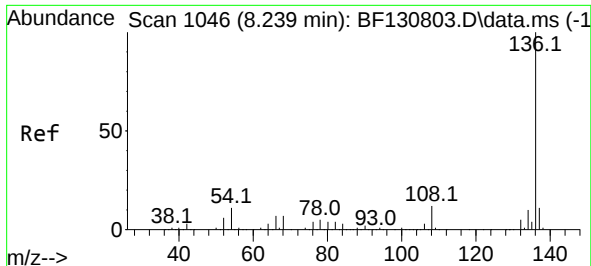
Tgt Ion: 99 Resp: 196815
Ion Ratio Lower Upper
99 100
42 24.2 18.8 28.2
71 40.0 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.969 ng
RT: 7.504 min Scan# 921
Delta R.T. 0.141 min
Lab File: BF130887.D
Acq: 31 Oct 2022 19:20

Tgt Ion: 70 Resp: 71475
Ion Ratio Lower Upper
70 100
42 57.8 56.1 84.1
101 0.0 7.3 10.9#
130 1.5 15.2 22.8#

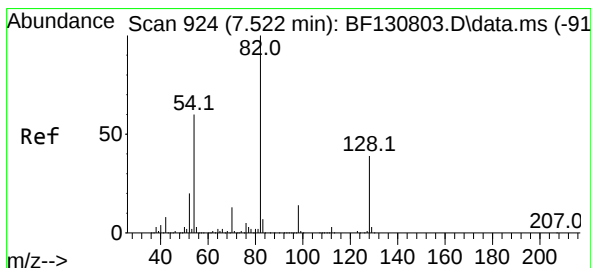
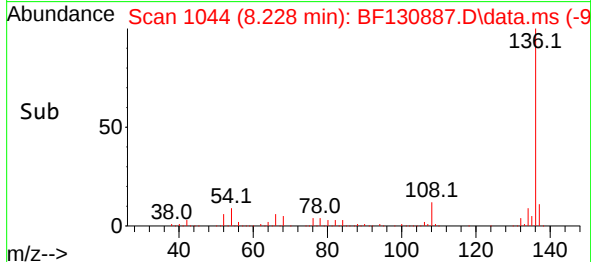
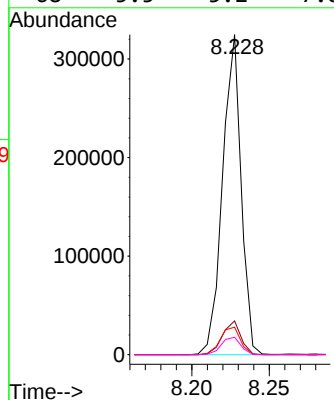
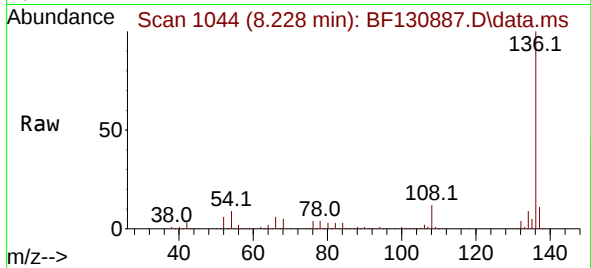




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130887.D
Acq: 31 Oct 2022 19:20

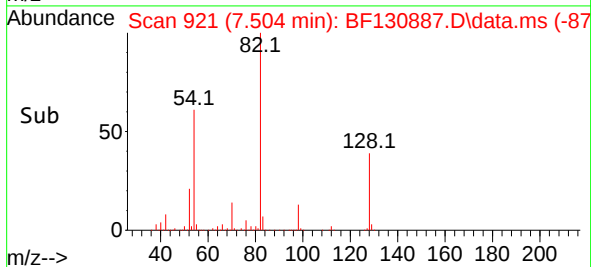
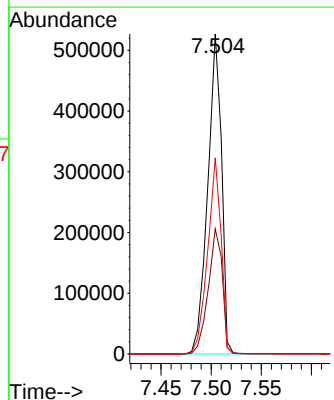
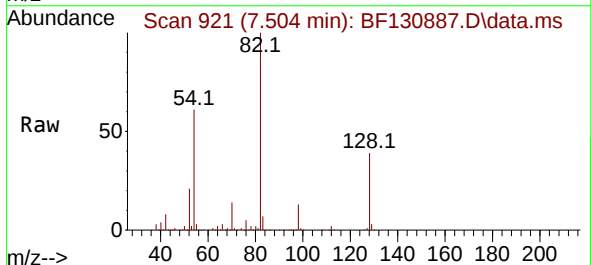
Instrument :
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ClientSampleId :
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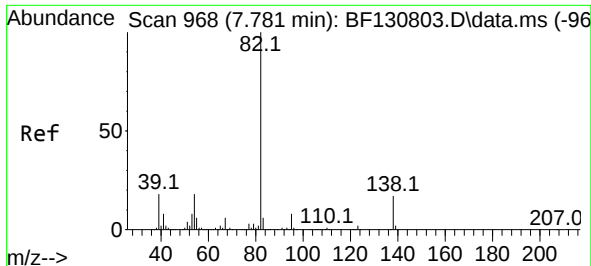
Tgt Ion:136	Resp: 270170
Ion Ratio	Lower Upper
136	100
137	10.6 9.2 13.8
54	8.6 8.8 13.2#
68	5.5 5.2 7.8



#23
Nitrobenzene-d5
Concen: 112.926 ng
RT: 7.504 min Scan# 921
Delta R.T. -0.012 min
Lab File: BF130887.D
Acq: 31 Oct 2022 19:20

Tgt Ion: 82	Resp: 505965
Ion Ratio	Lower Upper
82	100
128	39.1 31.2 46.8
54	61.3 48.0 72.0

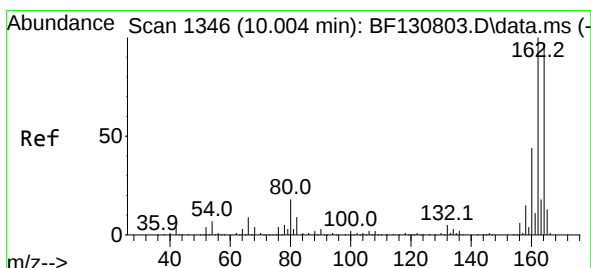
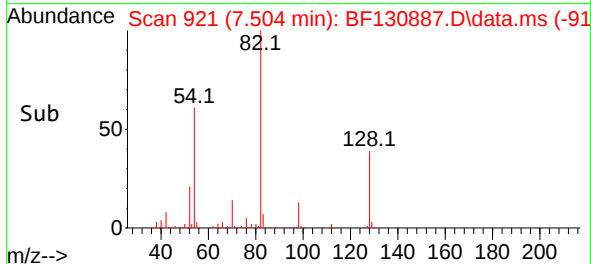
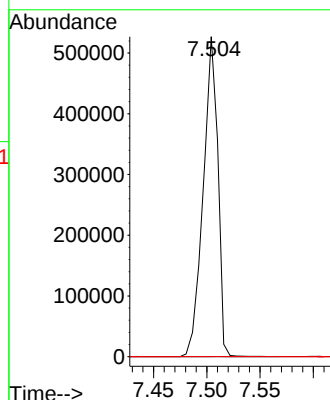
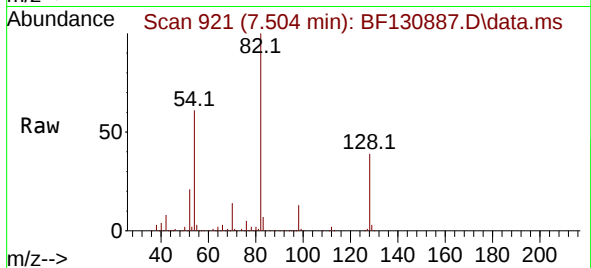




#25
Isophorone
Concen: 54.761 ng
RT: 7.504 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130887.D
Acq: 31 Oct 2022 19:20

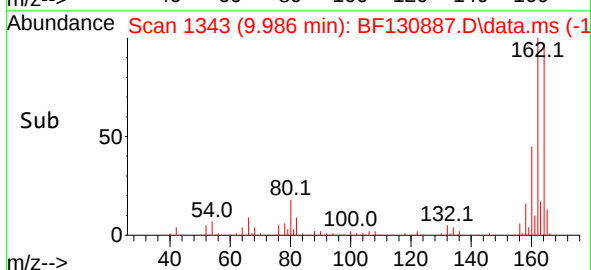
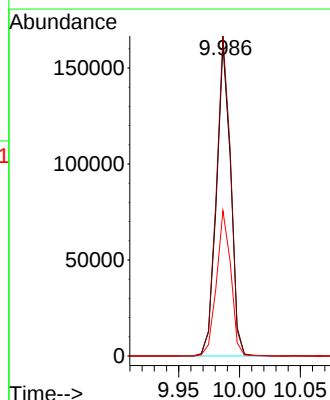
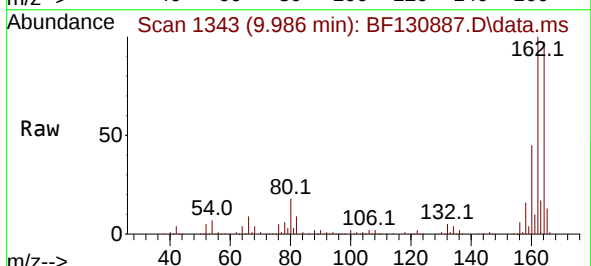
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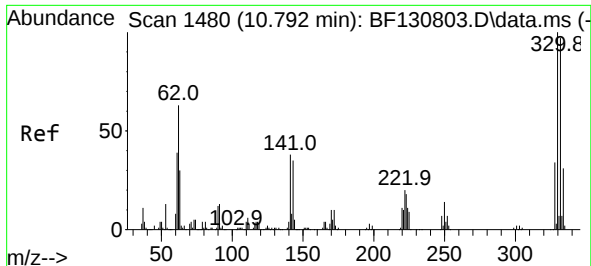
Tgt Ion: 82 Resp: 505960
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.012 min
Lab File: BF130887.D
Acq: 31 Oct 2022 19:20

Tgt Ion: 164 Resp: 131302
Ion Ratio Lower Upper
164 100
162 102.8 82.2 123.2
160 46.7 36.6 54.8

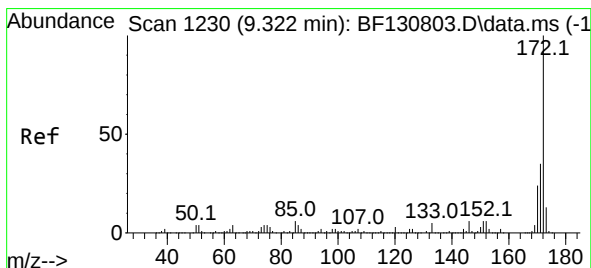
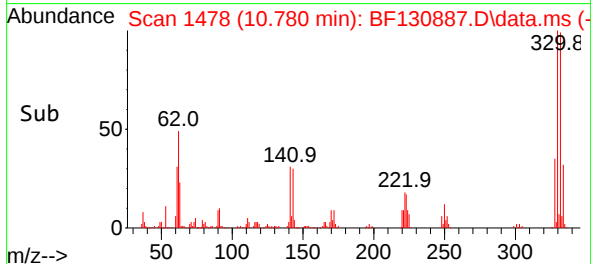
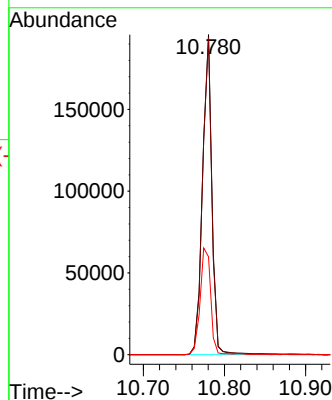
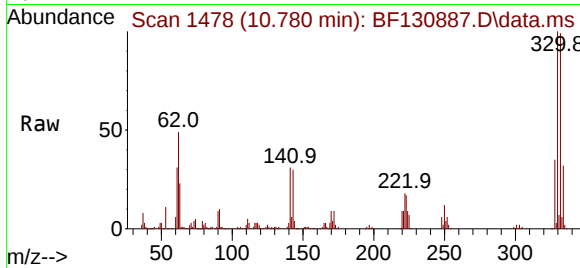




#42
 2,4,6-Tribromophenol
 Concen: 142.770 ng
 RT: 10.780 min Scan# 1480
 Delta R.T. -0.006 min
 Lab File: BF130887.D
 Acq: 31 Oct 2022 19:20

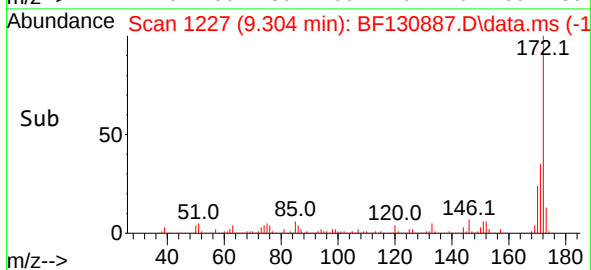
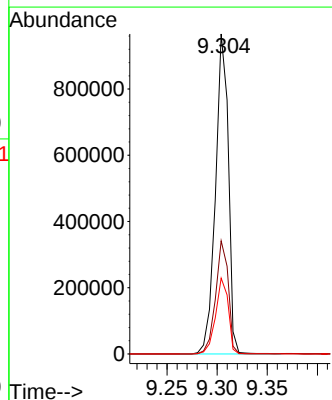
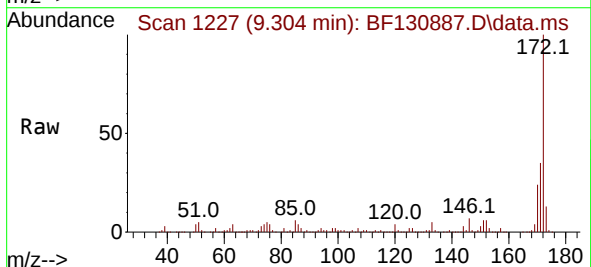
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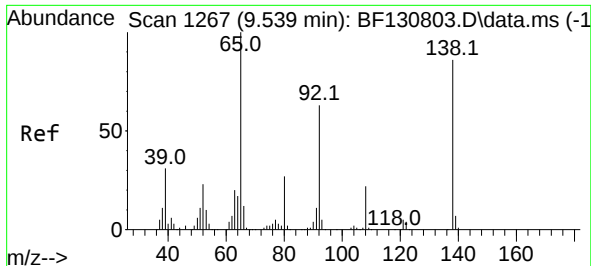
Tgt Ion:330 Resp: 157803
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.2 114.4
 141 37.8 31.4 47.0



#45
 2-Fluorobiphenyl
 Concen: 99.416 ng
 RT: 9.304 min Scan# 1227
 Delta R.T. -0.006 min
 Lab File: BF130887.D
 Acq: 31 Oct 2022 19:20

Tgt Ion:172 Resp: 863395
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.1 42.1
 170 23.7 19.0 28.4

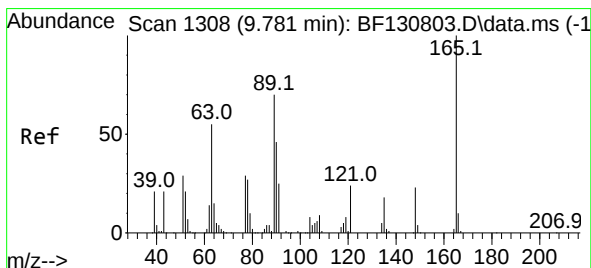
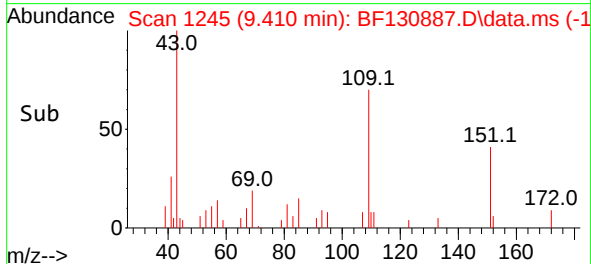
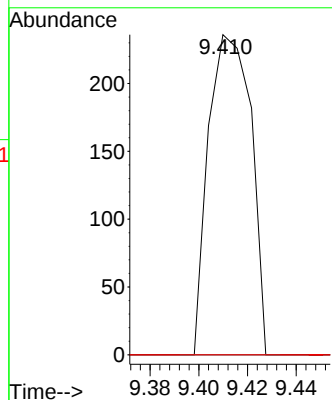
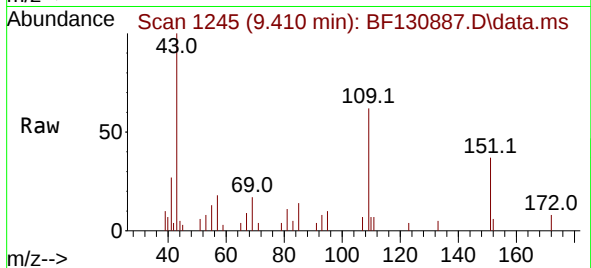




#48
2-Nitroaniline
Concen: 4.256 ng
RT: 9.410 min Scan# 11
Delta R.T. -0.124 min
Lab File: BF130887.D
Acq: 31 Oct 2022 19:20

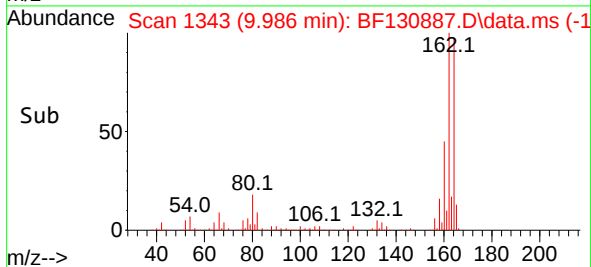
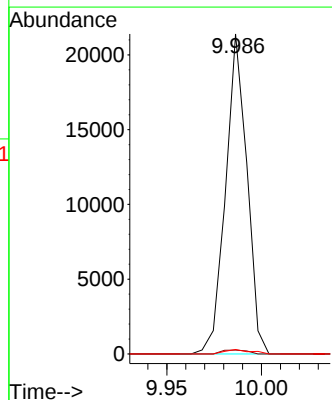
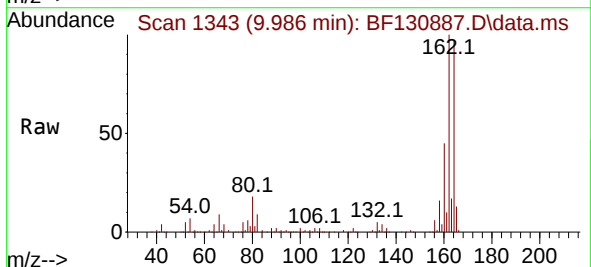
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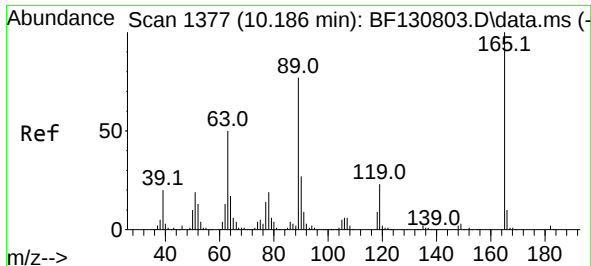
Tgt Ion: 65 Resp: 287
Ion Ratio Lower Upper
65 100
92 0.0 50.1 75.1#
138 0.0 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 11.998 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.212 min
Lab File: BF130887.D
Acq: 31 Oct 2022 19:20

Tgt Ion: 165 Resp: 16762
Ion Ratio Lower Upper
165 100
63 1.2 61.8 92.8#
89 1.4 56.2 84.4#

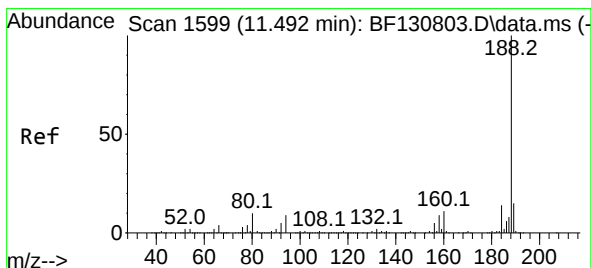
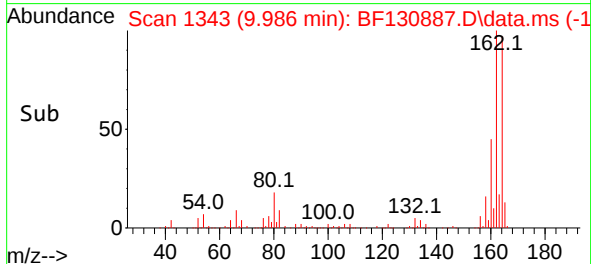
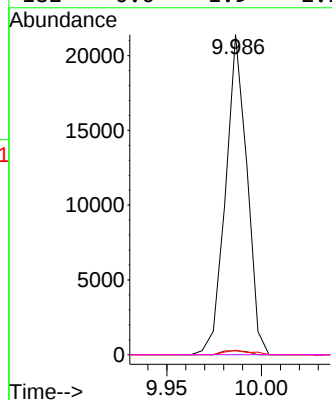
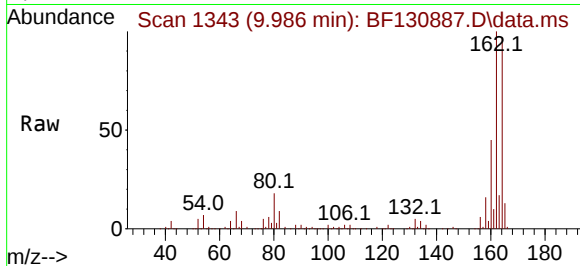




#57
2,4-Dinitrotoluene
Concen: 10.887 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130887.D
Acq: 31 Oct 2022 19:20

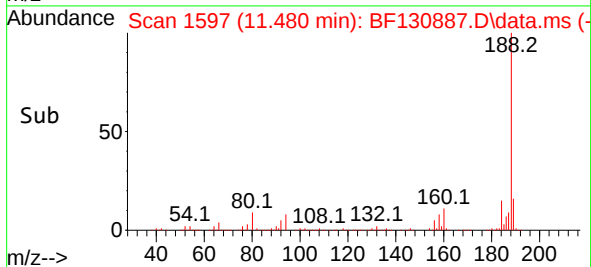
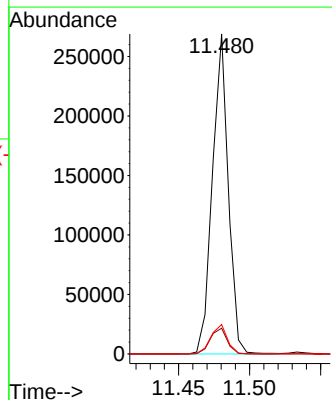
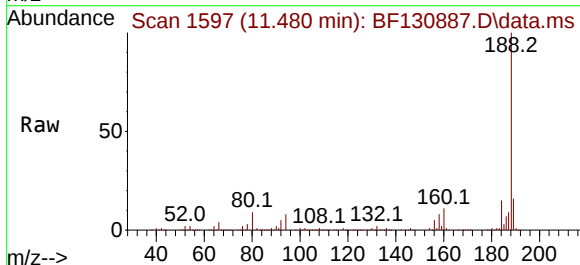
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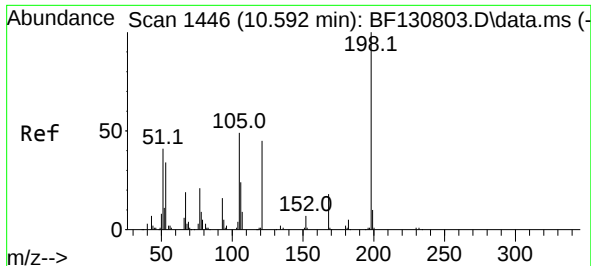
Tgt Ion:165 Resp: 16762
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.4 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF130887.D
Acq: 31 Oct 2022 19:20

Tgt Ion:188 Resp: 209642
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 9.2 8.0 12.0

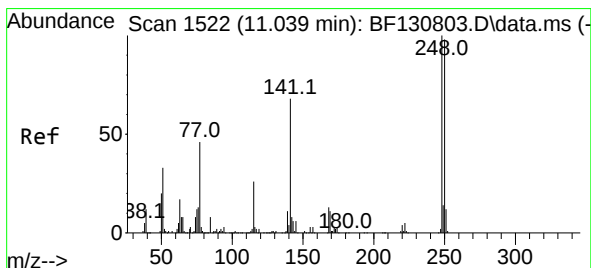
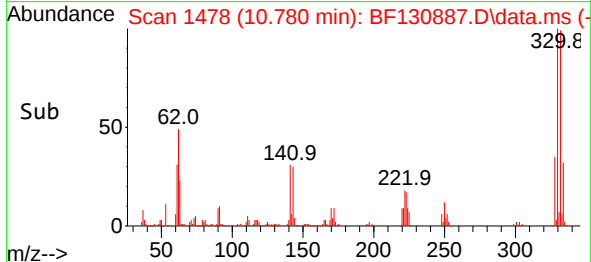
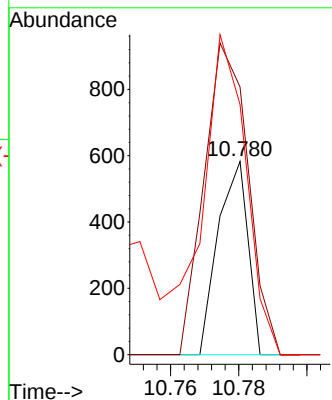
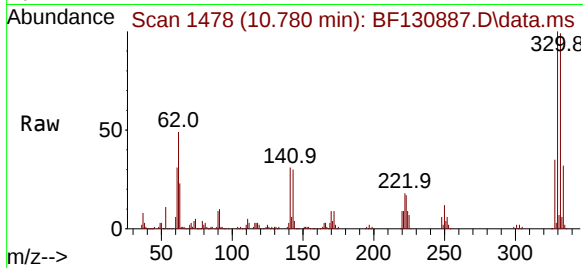




#65
4,6-Dinitro-2-methylphenol
Concen: 8.266 ng
RT: 10.780 min Scan# 1446
Delta R.T. 0.194 min
Lab File: BF130887.D
Acq: 31 Oct 2022 19:20

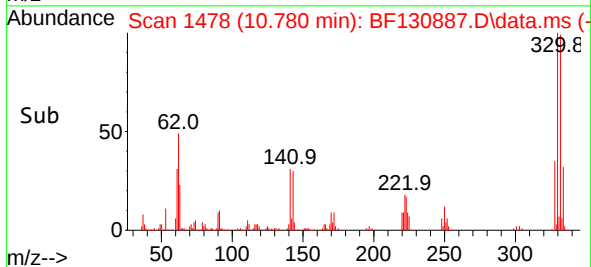
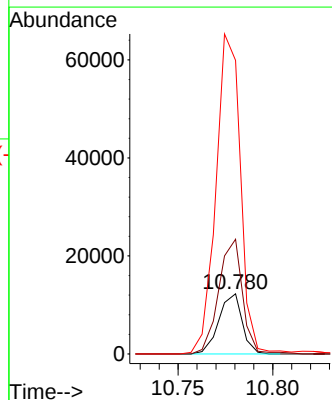
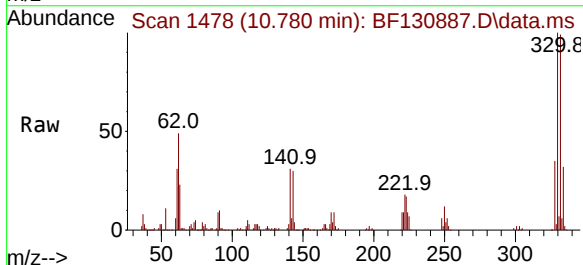
Instrument :
BNA_F
ClientSampleId :
5051-1

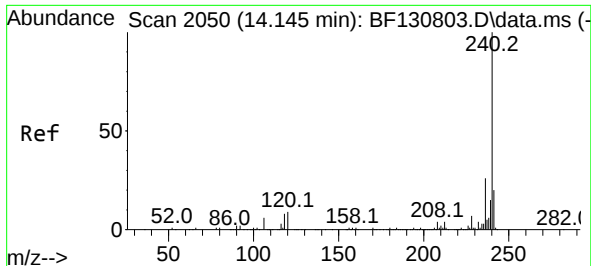
Tgt Ion:198 Resp: 354
Ion Ratio Lower Upper
198 100
51 138.4 39.0 79.0#
105 129.3 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 5.000 ng
RT: 10.780 min Scan# 1478
Delta R.T. -0.247 min
Lab File: BF130887.D
Acq: 31 Oct 2022 19:20

Tgt Ion:248 Resp: 10541
Ion Ratio Lower Upper
248 100
250 190.8 78.6 117.8#
141 487.9 54.2 81.4#

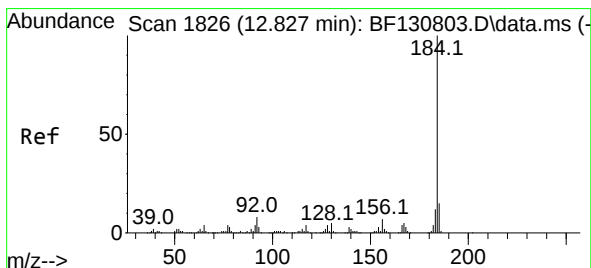
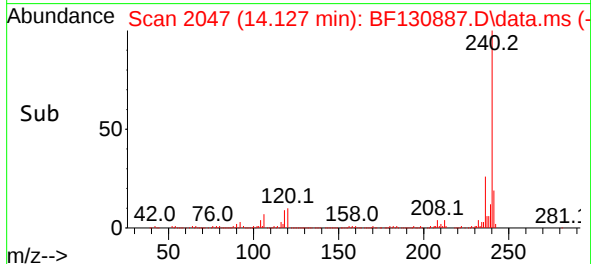
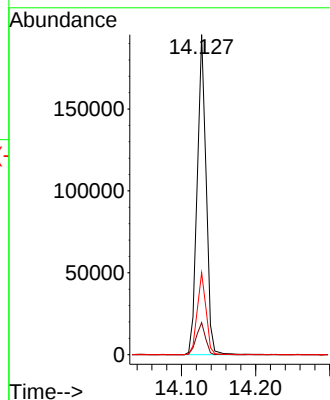
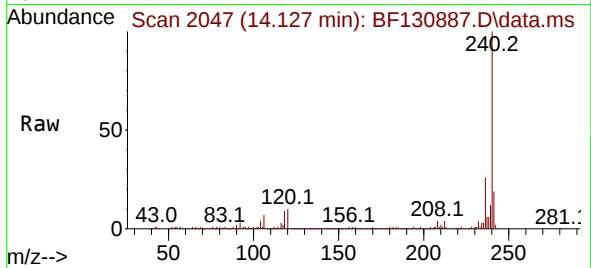




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF130887.D
Acq: 31 Oct 2022 19:20

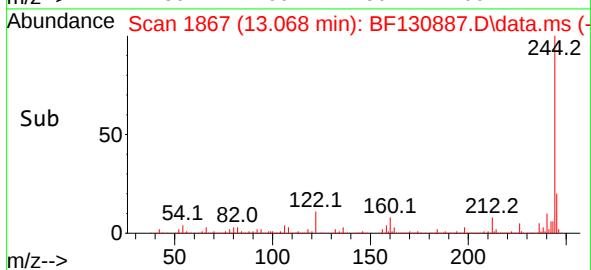
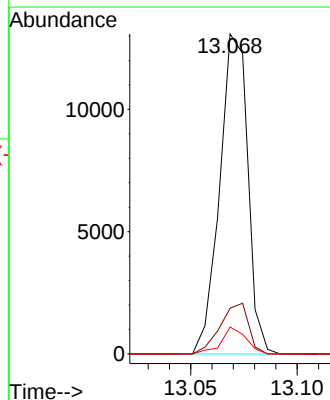
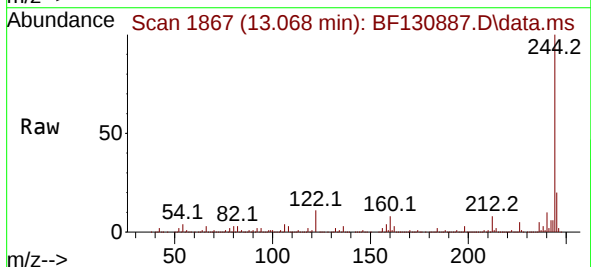
Instrument :
BNA_F
ClientSampleId :
5051-1

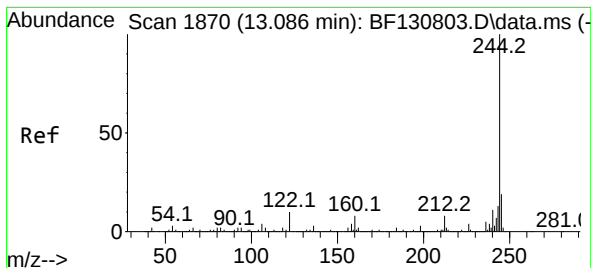
Tgt Ion:240 Resp: 163109
Ion Ratio Lower Upper
240 100
120 10.0 7.0 10.4
236 25.6 20.5 30.7



#77
Benzidine
Concen: 3.035 ng
RT: 13.068 min Scan# 1867
Delta R.T. 0.247 min
Lab File: BF130887.D
Acq: 31 Oct 2022 19:20

Tgt Ion:184 Resp: 12018
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.8
183 8.4 9.7 14.5#





#79

Terphenyl-d14

Concen: 85.629 ng

RT: 13.074 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130887.D

Acq: 31 Oct 2022 19:20

Instrument :

BNA_F

ClientSampleId :

5051-1

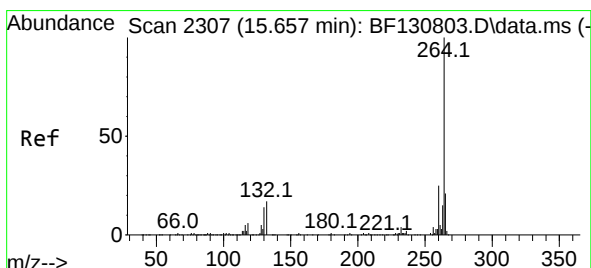
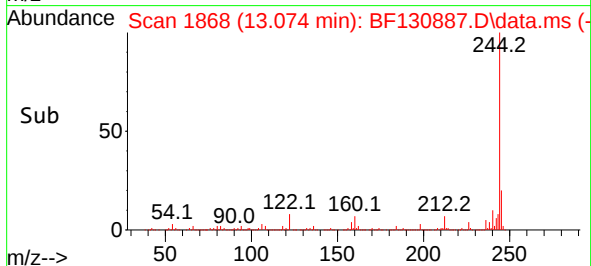
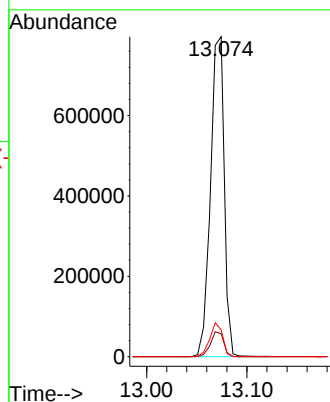
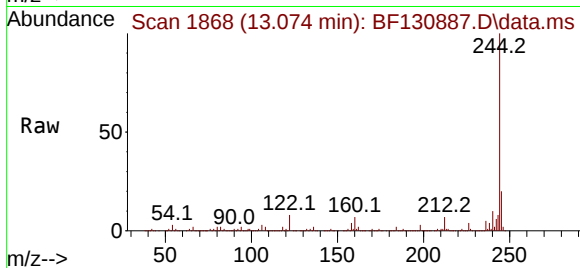
Tgt Ion:244 Resp: 762192

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

122 8.3 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: BF130887.D

Acq: 31 Oct 2022 19:20

Tgt Ion:264 Resp: 125151

Ion Ratio Lower Upper

264 100

260 25.1 19.9 29.9

265 22.3 17.0 25.6

