

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF131000.D
 Acq On : 04 Nov 2022 20:19
 Operator : CG\JU
 Sample : N5304-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEEP-WELL

Quant Time: Nov 05 00:39:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

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

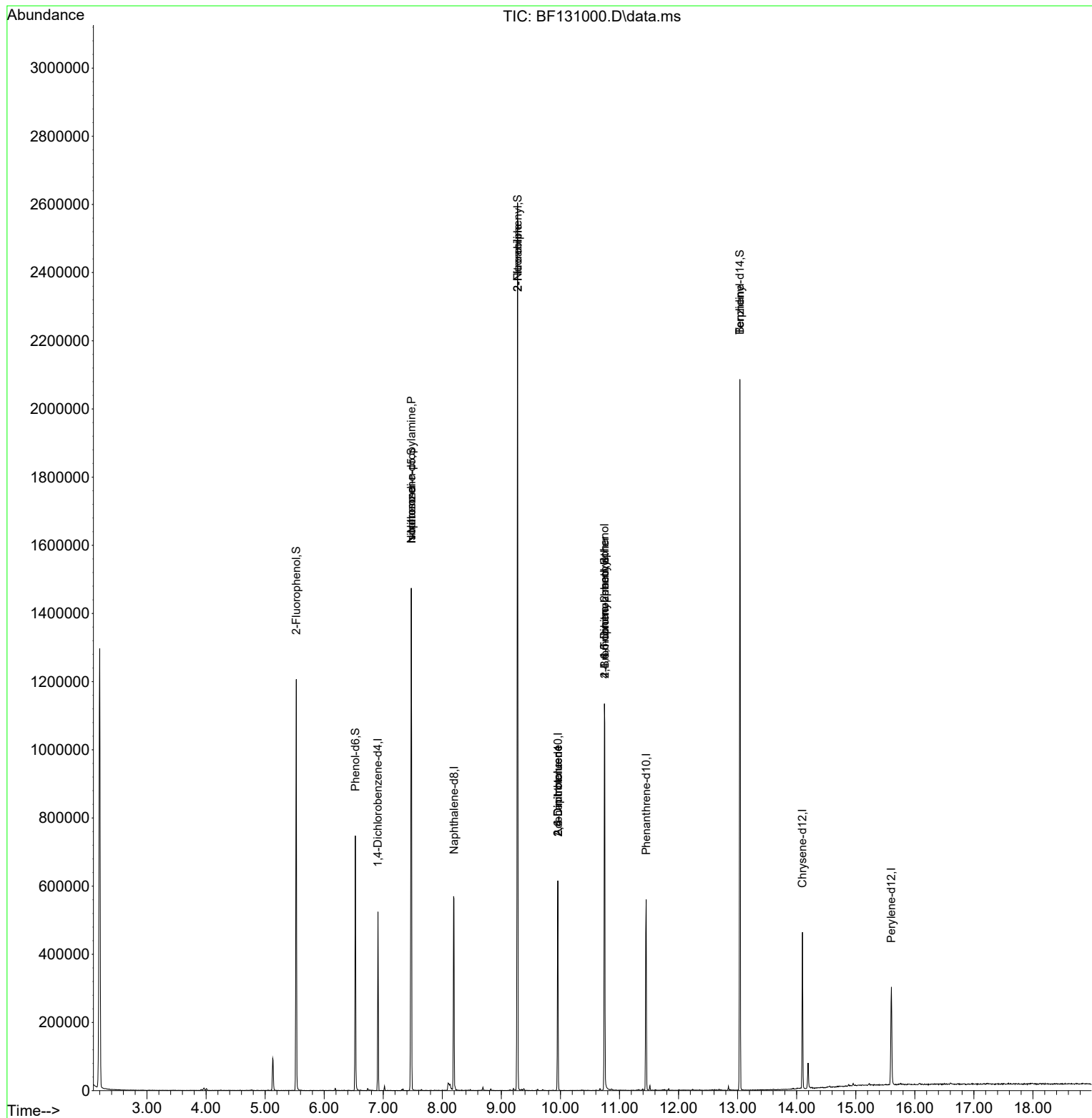
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	61500	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	256086	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	114526	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	198754	20.000	ng	# 0.00
76) Chrysene-d12	14.098	240	143305	20.000	ng	0.00
86) Perylene-d12	15.604	264	132708	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	258314	72.816	ng	0.00
7) Phenol-d6	6.528	99	193584	41.992	ng	-0.01
23) Nitrobenzene-d5	7.475	82	480787	113.208	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	129829	134.666	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	709235	93.628	ng	0.00
79) Terphenyl-d14	13.039	244	680975	87.077	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	65726	20.955	ng	# 78
25) Isophorone	7.475	82	480781	54.898	ng	# 66
48) 2-Nitroaniline	9.275	65	1498	4.797	ng	# 1
51) 2,6-Dinitrotoluene	9.957	165	14791	12.105	ng	# 14
57) 2,4-Dinitrotoluene	9.957	165	14791	10.971	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.745	198	367	8.297	ng	# 1
67) 4-Bromophenyl-phenylether	10.751	248	8262	4.133	ng	# 1
77) Benzidine	13.039	184	11203	3.220	ng	# 90

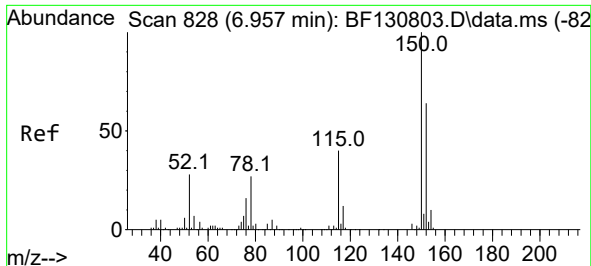
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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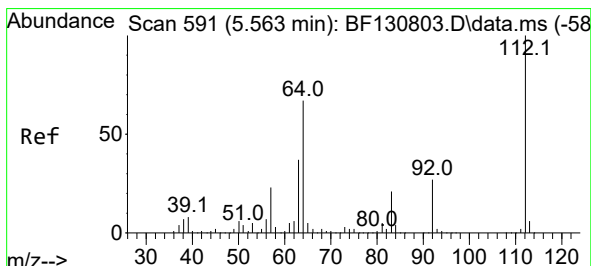
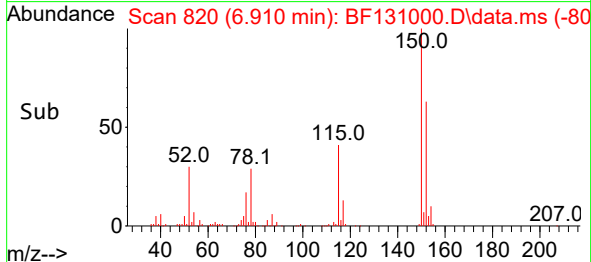
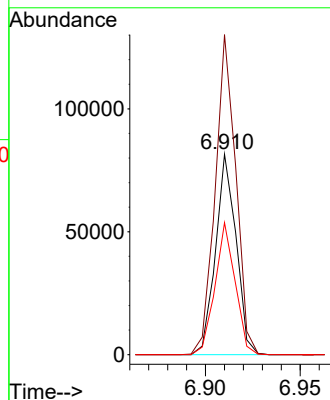
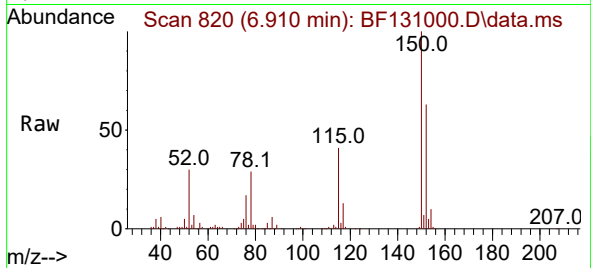




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131000.D
Acq: 04 Nov 2022 20:19

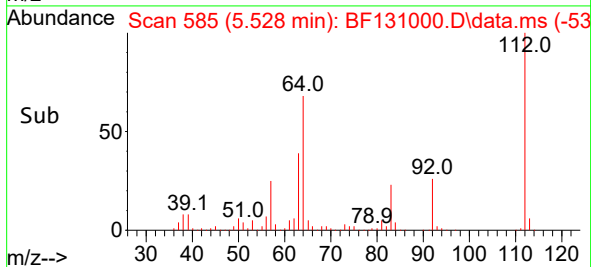
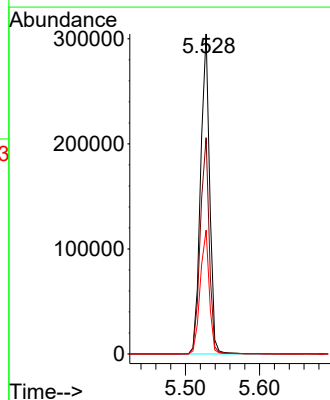
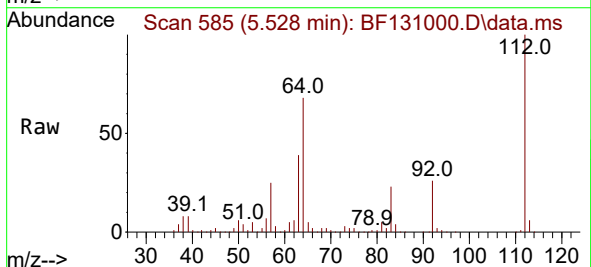
Instrument :
BNA_F
ClientSampleId :
DEEP-WELL

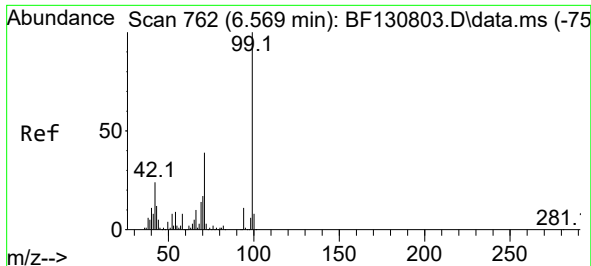
Tgt Ion:152 Resp: 61500
Ion Ratio Lower Upper
152 100
150 159.6 124.1 186.1
115 65.8 50.1 75.1



#5
2-Fluorophenol
Concen: 72.816 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.000 min
Lab File: BF131000.D
Acq: 04 Nov 2022 20:19

Tgt Ion:112 Resp: 258314
Ion Ratio Lower Upper
112 100
64 67.6 53.9 80.9
63 38.7 29.4 44.2

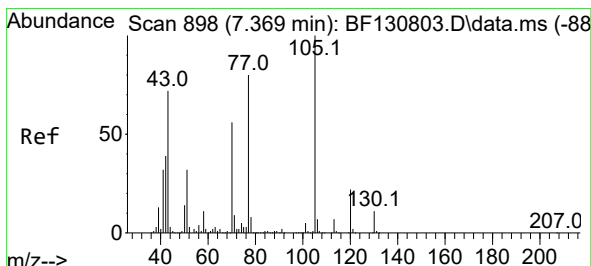
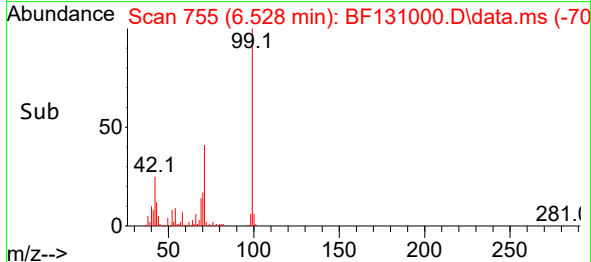
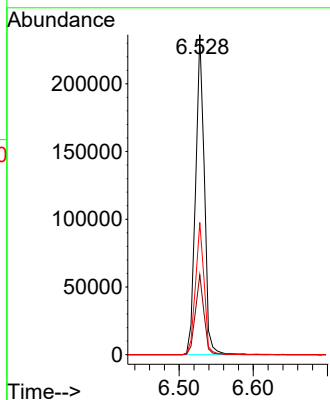
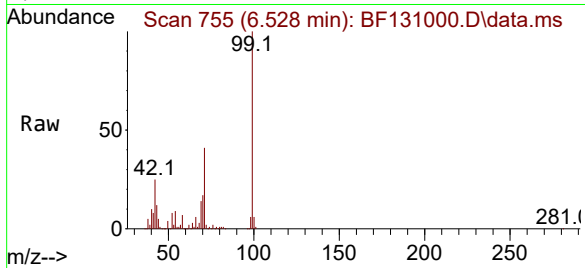




#7
Phenol-d6
Concen: 41.992 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131000.D
Acq: 04 Nov 2022 20:19

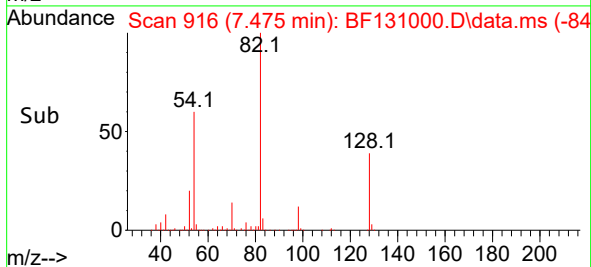
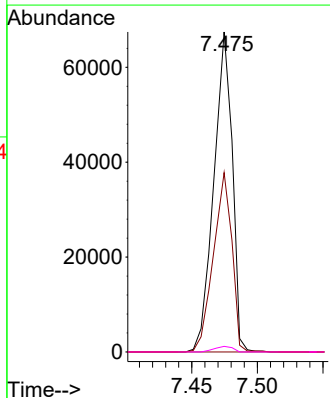
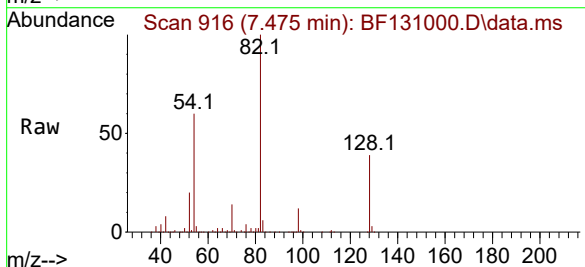
Instrument :
BNA_F
ClientSampleId :
DEEP-WELL

Tgt Ion: 99 Resp: 193584
Ion Ratio Lower Upper
99 100
42 24.9 18.8 28.2
71 41.3 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.955 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF131000.D
Acq: 04 Nov 2022 20:19

Tgt Ion: 70 Resp: 65726
Ion Ratio Lower Upper
70 100
42 56.1 56.1 84.1#
101 0.0 7.3 10.9#
130 1.7 15.2 22.8#

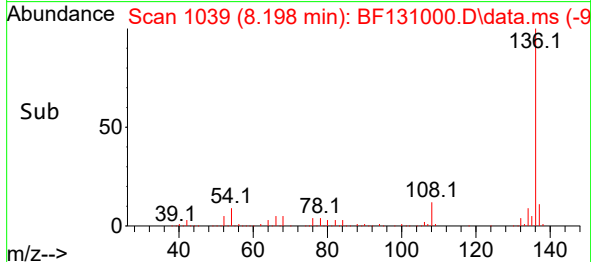
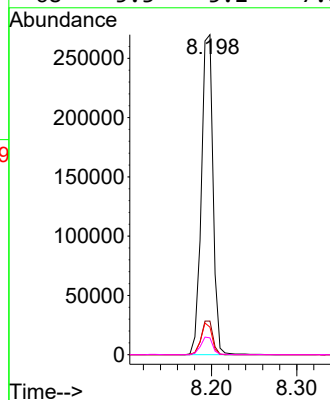
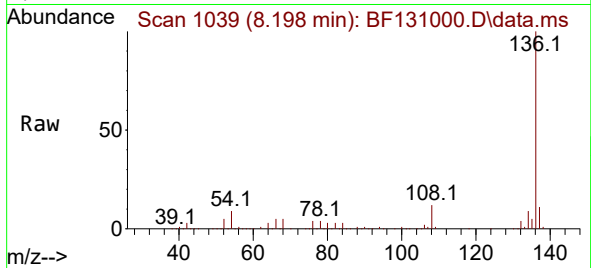




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131000.D
Acq: 04 Nov 2022 20:19

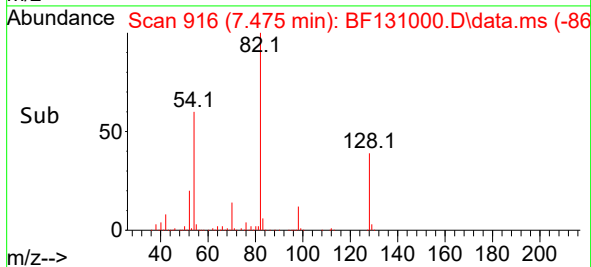
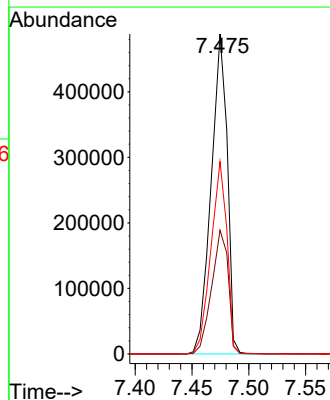
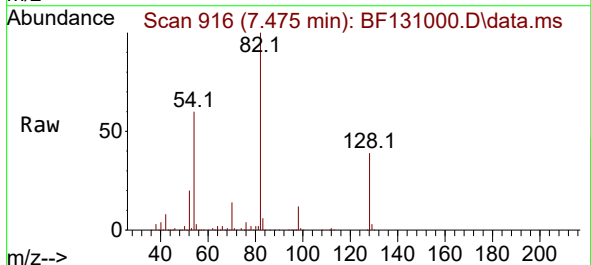
Instrument :
BNA_F
ClientSampleId :
DEEP-WELL

Tgt Ion:136 Resp: 256086
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 8.6 8.8 13.2#
68 5.3 5.2 7.8



#23
Nitrobenzene-d5
Concen: 113.208 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.012 min
Lab File: BF131000.D
Acq: 04 Nov 2022 20:19

Tgt Ion: 82 Resp: 480787
Ion Ratio Lower Upper
82 100
128 38.7 31.2 46.8
54 60.1 48.0 72.0

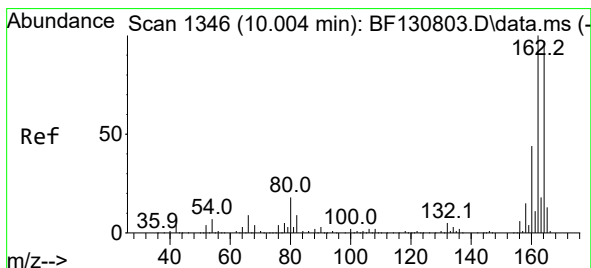
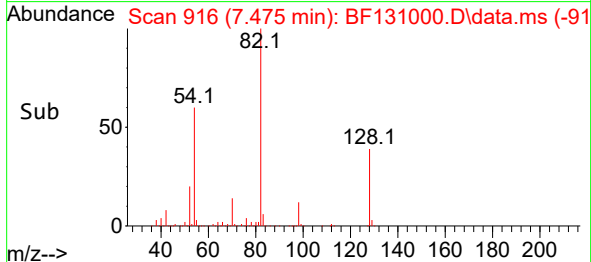
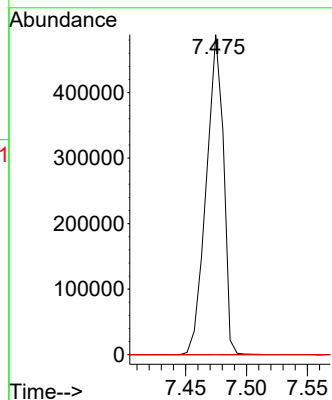
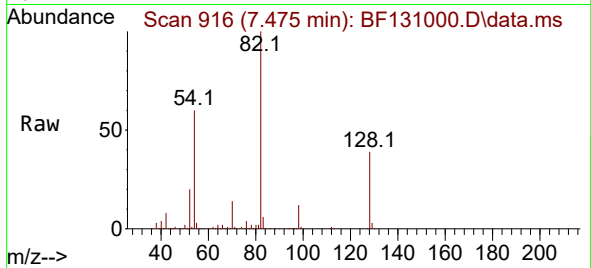




#25
Isophorone
Concen: 54.898 ng
RT: 7.475 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131000.D
Acq: 04 Nov 2022 20:19

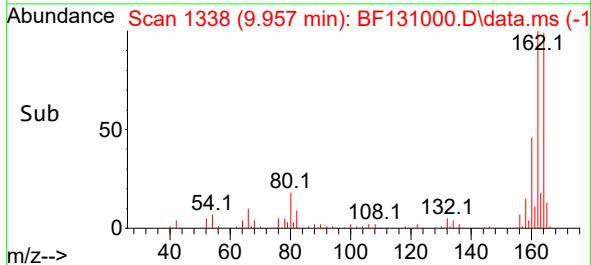
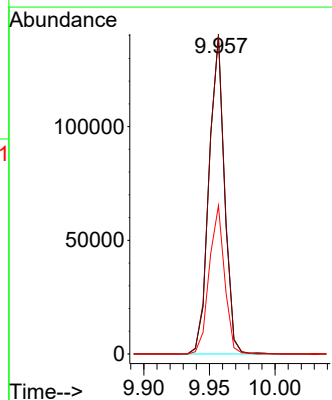
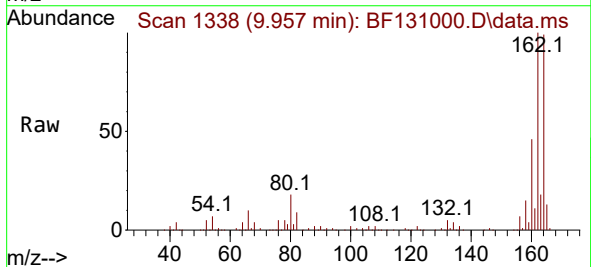
Instrument :
BNA_F
ClientSampleId :
DEEP-WELL

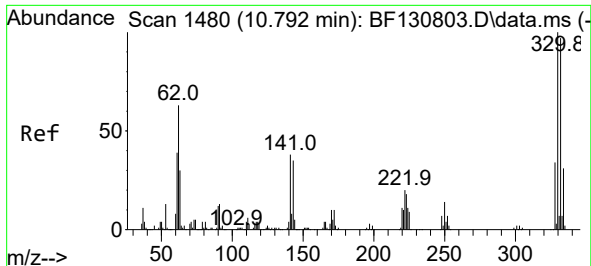
Tgt Ion: 82 Resp: 480781
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF131000.D
Acq: 04 Nov 2022 20:19

Tgt Ion:164 Resp: 114526
Ion Ratio Lower Upper
164 100
162 100.7 82.2 123.2
160 46.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 134.666 ng

RT: 10.751 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF131000.D

Acq: 04 Nov 2022 20:19

Instrument :

BNA_F

ClientSampleId :

DEEP-WELL

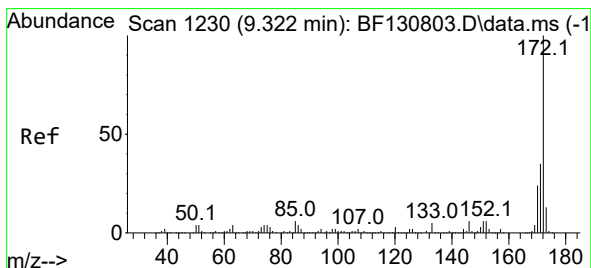
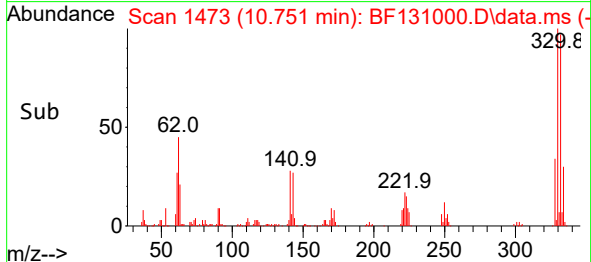
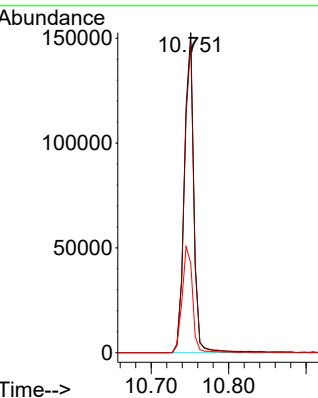
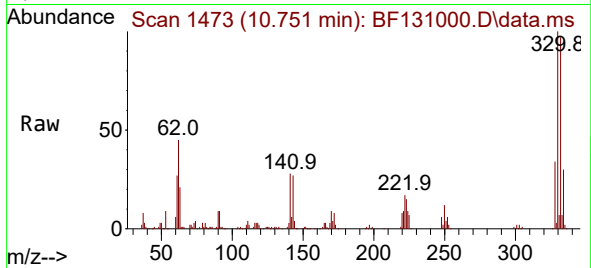
Tgt Ion:330 Resp: 129829

Ion Ratio Lower Upper

330 100

332 96.0 76.2 114.4

141 36.2 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 93.628 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF131000.D

Acq: 04 Nov 2022 20:19

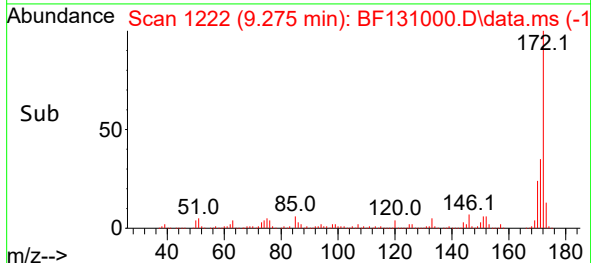
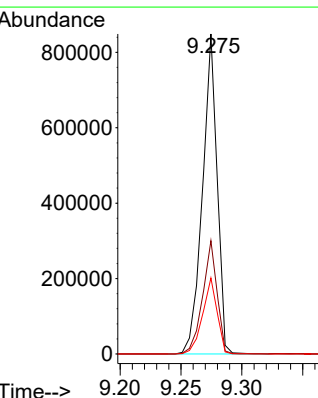
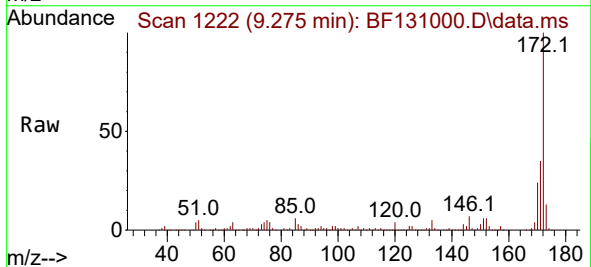
Tgt Ion:172 Resp: 709235

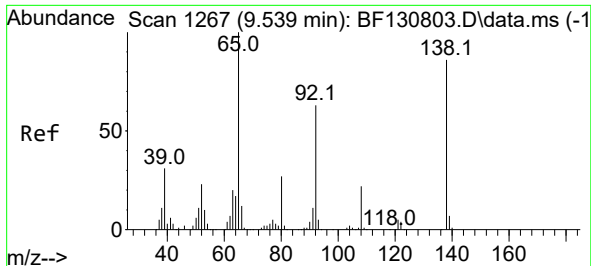
Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 23.8 19.0 28.4

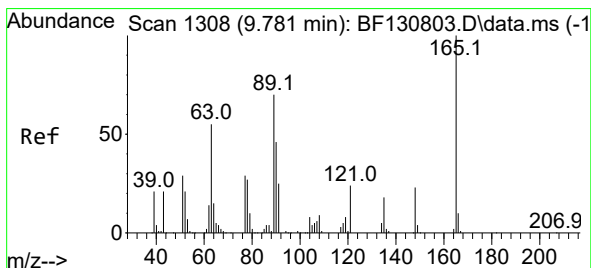
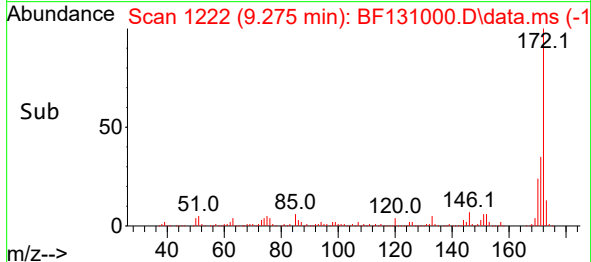
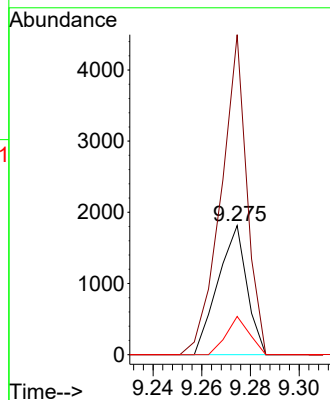
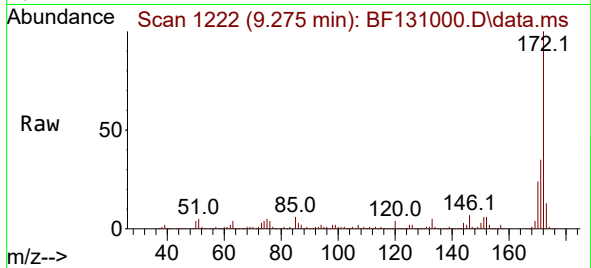




#48
2-Nitroaniline
Concen: 4.797 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.230 min
Lab File: BF131000.D
Acq: 04 Nov 2022 20:19

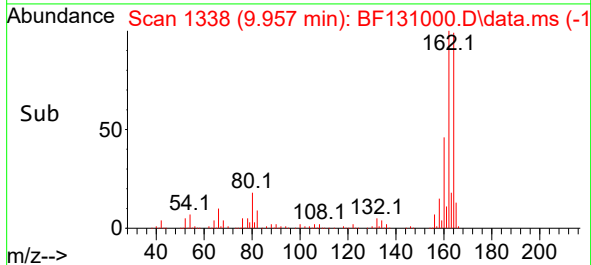
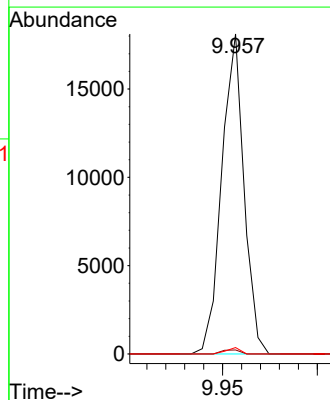
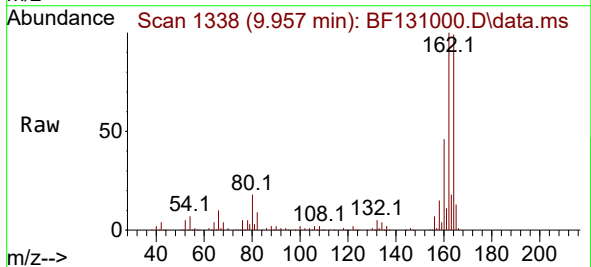
Instrument :
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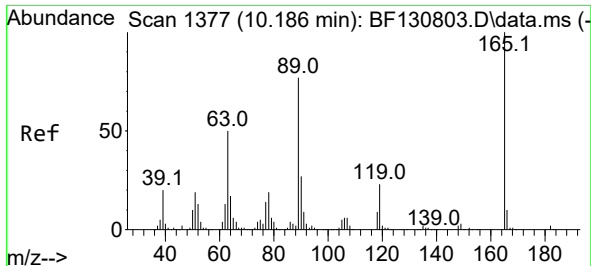
Tgt Ion: 65 Resp: 1498
Ion Ratio Lower Upper
65 100
92 247.7 50.1 75.1#
138 29.6 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 12.105 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.212 min
Lab File: BF131000.D
Acq: 04 Nov 2022 20:19

Tgt Ion: 165 Resp: 14791
Ion Ratio Lower Upper
165 100
63 1.3 61.8 92.8#
89 2.0 56.2 84.4#

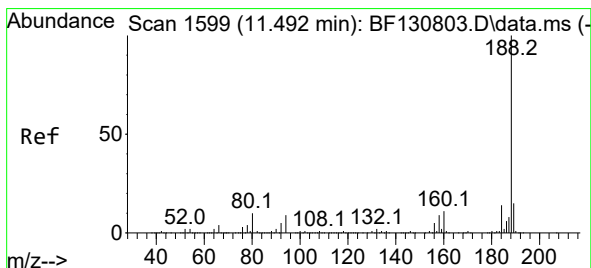
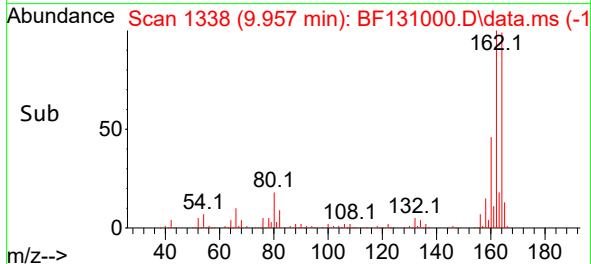
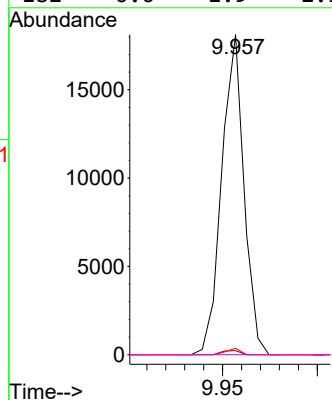
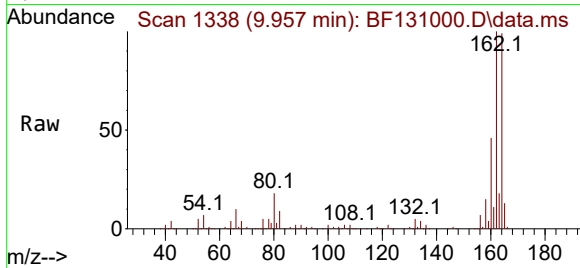




#57
2,4-Dinitrotoluene
Concen: 10.971 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131000.D
Acq: 04 Nov 2022 20:19

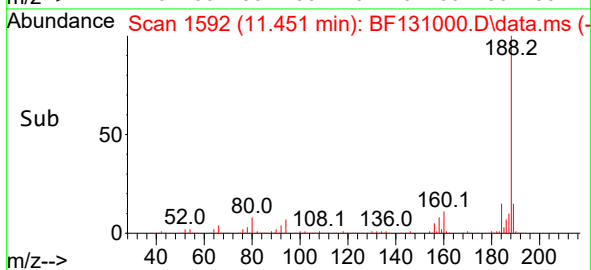
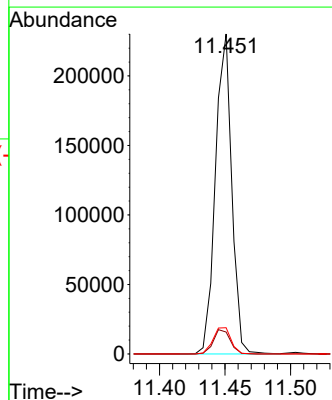
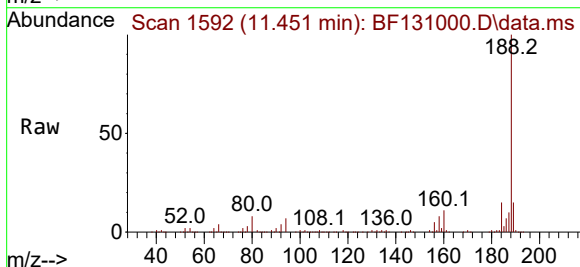
Instrument :
BNA_F
ClientSampleId :
DEEP-WELL

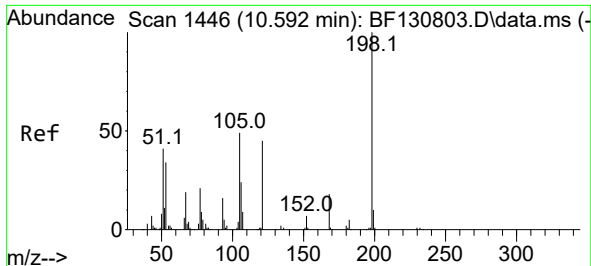
Tgt Ion:165 Resp: 14791
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 2.0 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF131000.D
Acq: 04 Nov 2022 20:19

Tgt Ion:188 Resp: 198754
Ion Ratio Lower Upper
188 100
94 6.8 7.4 11.2#
80 8.2 8.0 12.0

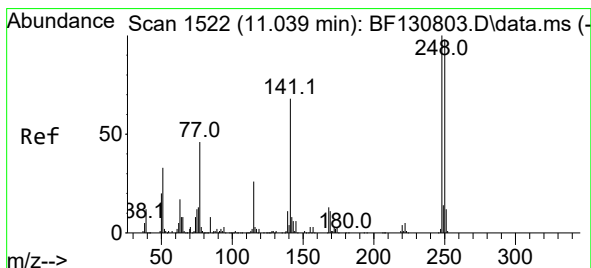
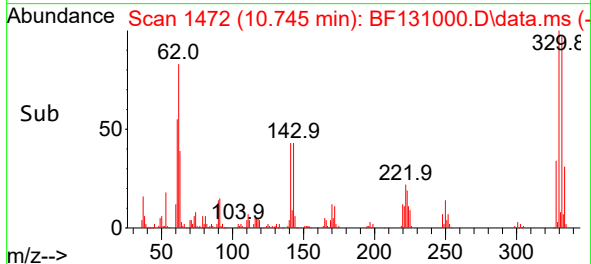
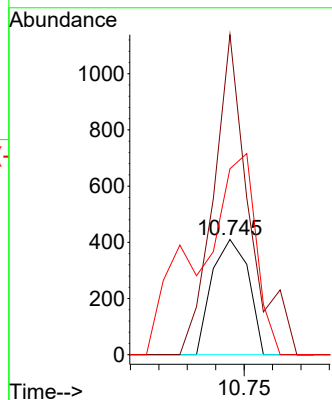
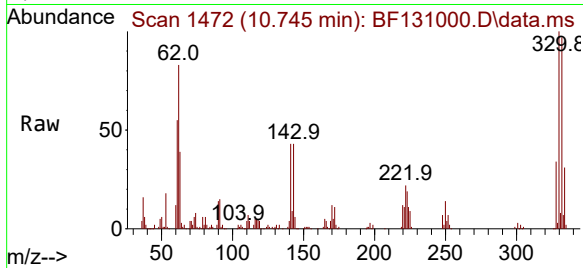




#65
4,6-Dinitro-2-methylphenol
Concen: 8.297 ng
RT: 10.745 min Scan# 1446
Delta R.T. 0.182 min
Lab File: BF131000.D
Acq: 04 Nov 2022 20:19

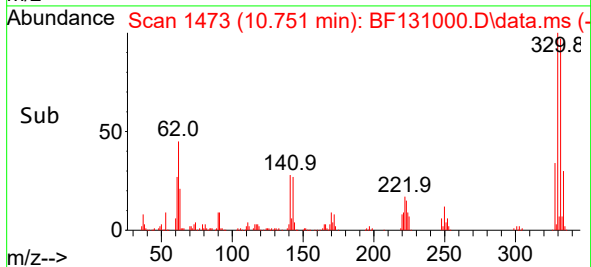
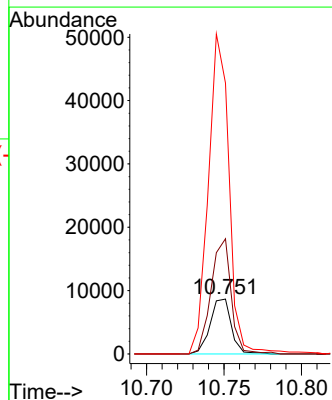
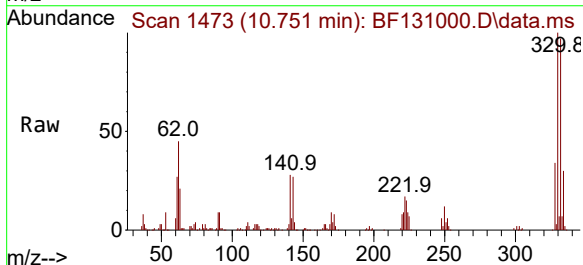
Instrument :
BNA_F
ClientSampleId :
DEEP-WELL

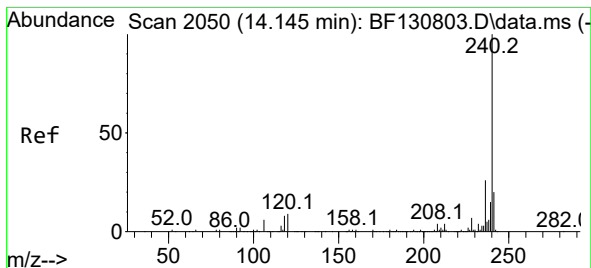
Tgt Ion:198 Resp: 367
Ion Ratio Lower Upper
198 100
51 277.8 39.0 79.0#
105 161.5 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 4.133 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.247 min
Lab File: BF131000.D
Acq: 04 Nov 2022 20:19

Tgt Ion:248 Resp: 8262
Ion Ratio Lower Upper
248 100
250 210.0 78.6 117.8#
141 493.5 54.2 81.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2042

Delta R.T. -0.006 min

Lab File: BF131000.D

Acq: 04 Nov 2022 20:19

Instrument :

BNA_F

ClientSampleId :

DEEP-WELL

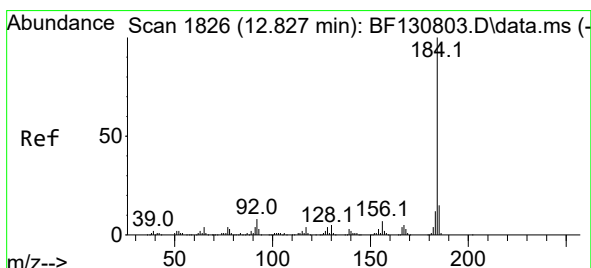
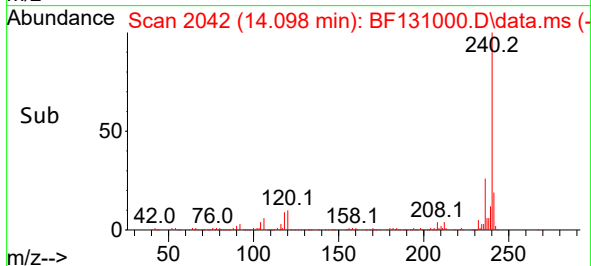
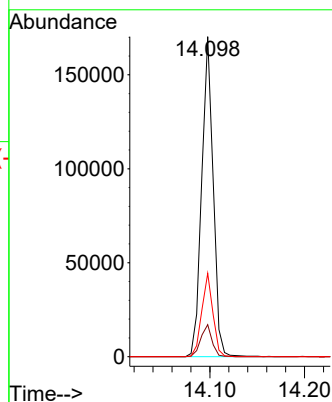
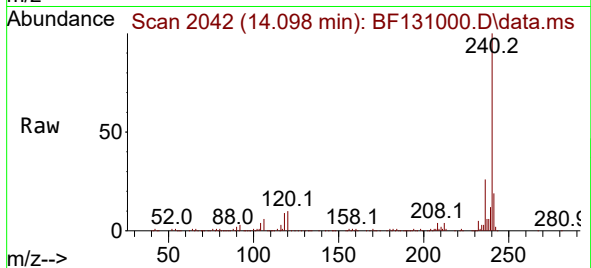
Tgt Ion:240 Resp: 143305

Ion Ratio Lower Upper

240 100

120 10.0 7.0 10.4

236 26.0 20.5 30.7



#77

Benzidine

Concen: 3.220 ng

RT: 13.039 min Scan# 1862

Delta R.T. 0.247 min

Lab File: BF131000.D

Acq: 04 Nov 2022 20:19

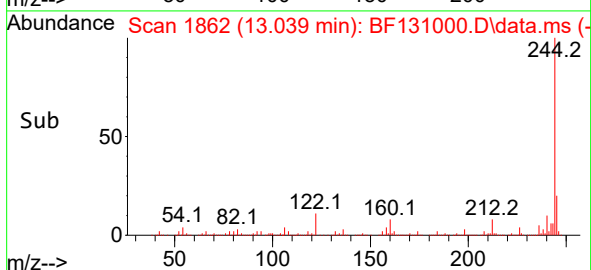
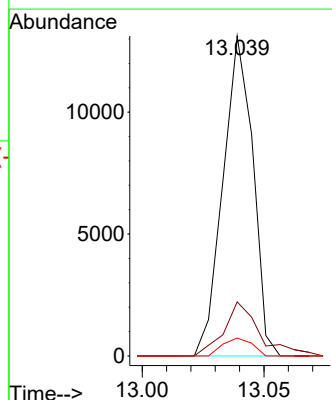
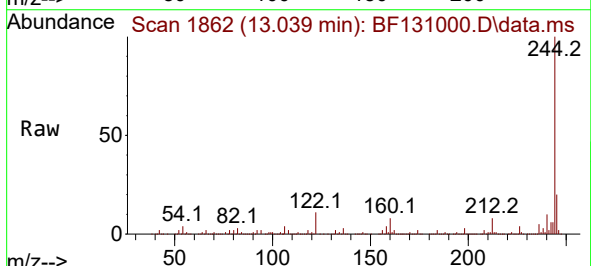
Tgt Ion:184 Resp: 11203

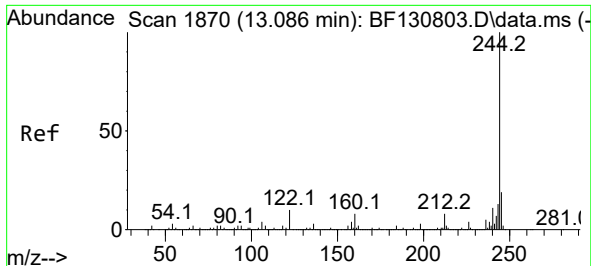
Ion Ratio Lower Upper

184 100

185 16.9 11.8 17.8

183 5.6 9.7 14.5#

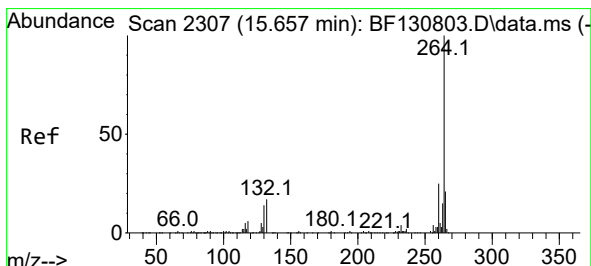
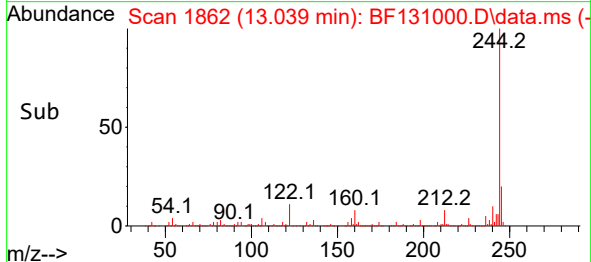
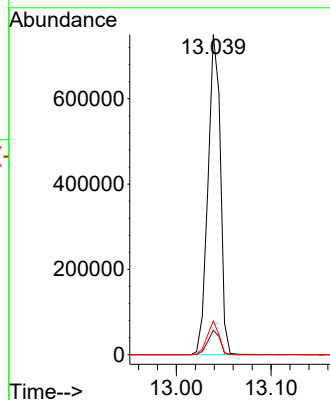
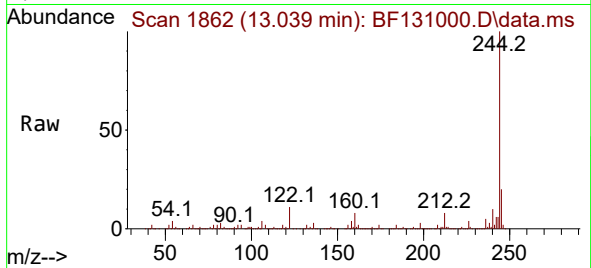




#79
 Terphenyl-d14
 Concen: 87.077 ng
 RT: 13.039 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131000.D
 Acq: 04 Nov 2022 20:19

Instrument :
 BNA_F
 ClientSampleId :
 DEEP-WELL

Tgt Ion:244 Resp: 680975
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 10.5 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.604 min Scan# 2298
 Delta R.T. -0.006 min
 Lab File: BF131000.D
 Acq: 04 Nov 2022 20:19

Tgt Ion:264 Resp: 132708
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.9 29.9
 265 21.2 17.0 25.6

