

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF130986.D
 Acq On : 04 Nov 2022 11:44
 Operator : CG\JU
 Sample : PB148687BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148687BL

Quant Time: Nov 05 00:35:45 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)

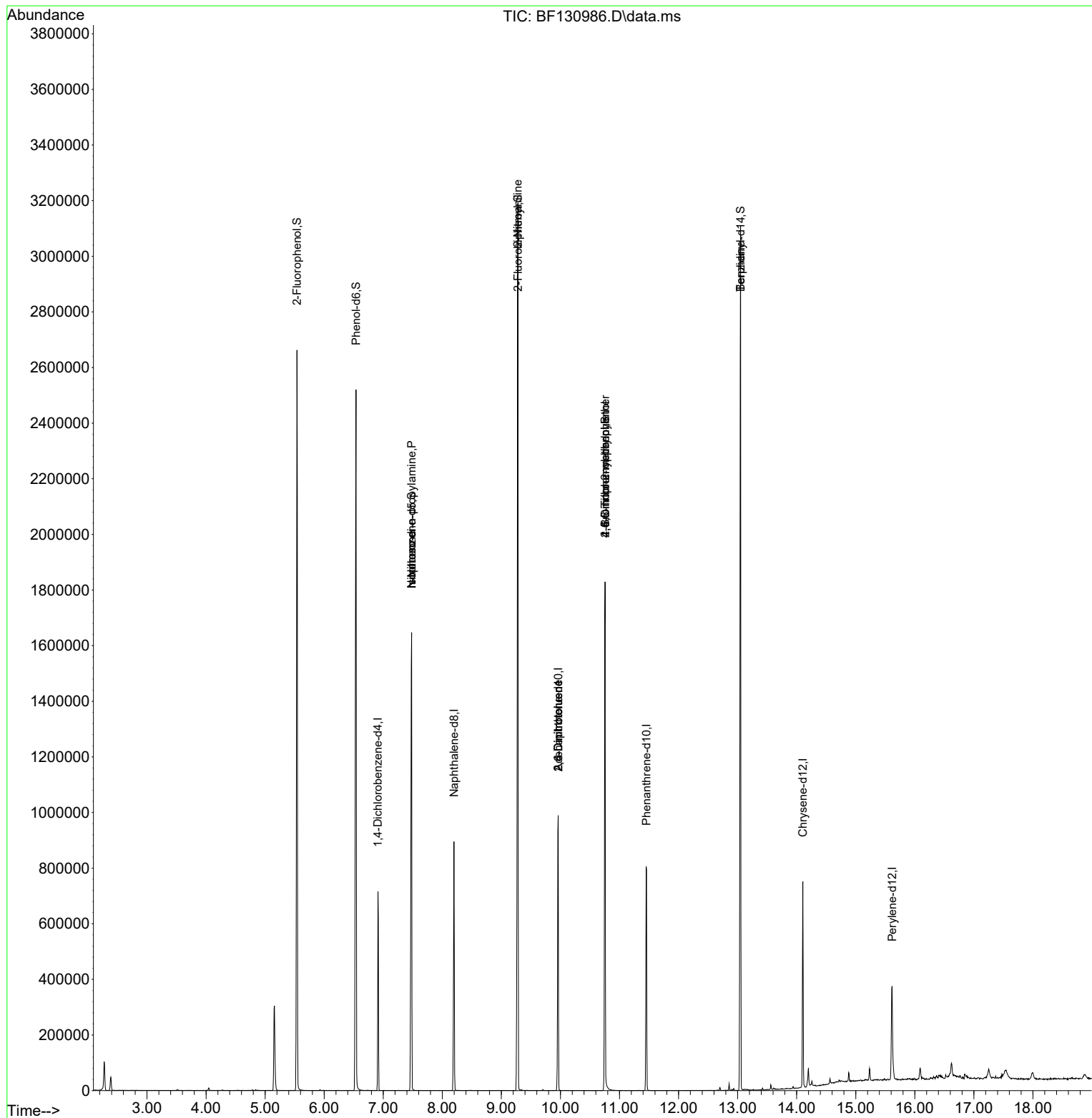
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	101819	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	392114	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	215191	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	307804	20.000	ng	# 0.00
76) Chrysene-d12	14.104	240	233141	20.000	ng	0.00
86) Perylene-d12	15.615	264	157651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	719155	122.446	ng	0.01
7) Phenol-d6	6.539	99	914348	119.801	ng	0.00
23) Nitrobenzene-d5	7.481	82	602418	92.639	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	222656	122.914	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1107104	77.783	ng	0.00
79) Terphenyl-d14	13.051	244	1072702	84.313	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	82755	15.936	ng	# 76
25) Isophorone	7.481	82	602408	44.923	ng	# 66
48) 2-Nitroaniline	9.275	65	1958	4.599	ng	# 1
51) 2,6-Dinitrotoluene	9.963	165	27646	12.056	ng	# 14
57) 2,4-Dinitrotoluene	9.963	165	27646	10.933	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.757	198	610	8.324	ng	# 1
67) 4-Bromophenyl-phenylether	10.757	248	14111	4.559	ng	# 1
77) Benzidine	13.051	184	16243	2.870	ng	# 91

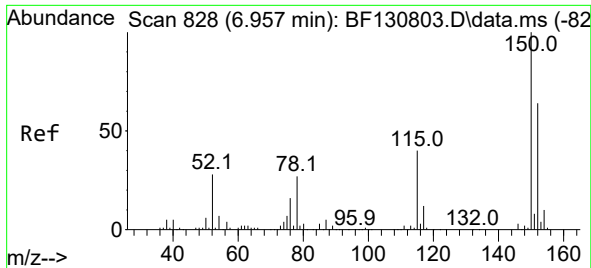
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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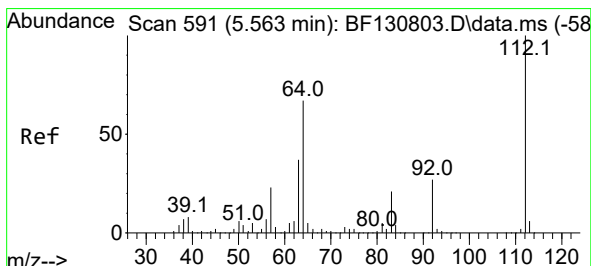
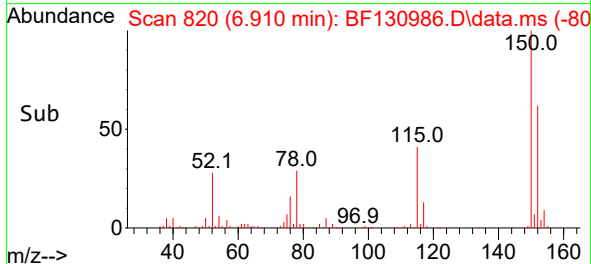
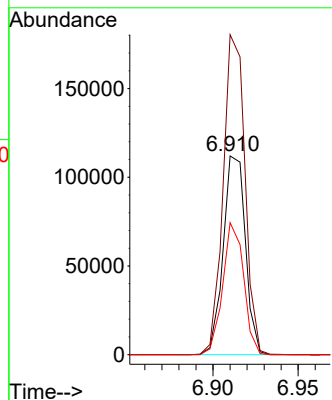
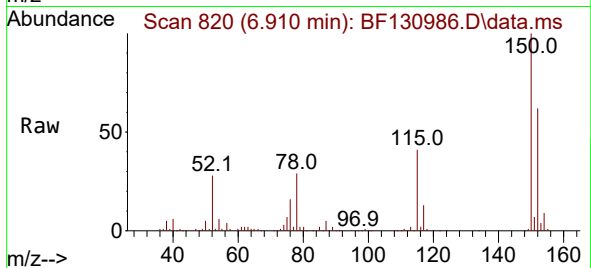




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130986.D
Acq: 04 Nov 2022 11:44

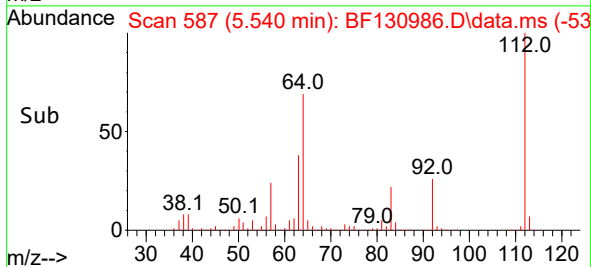
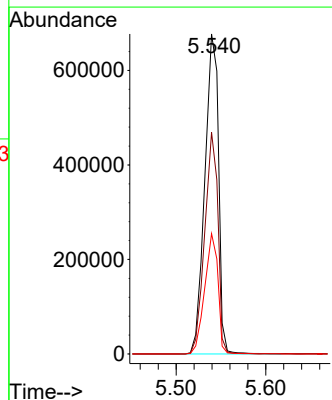
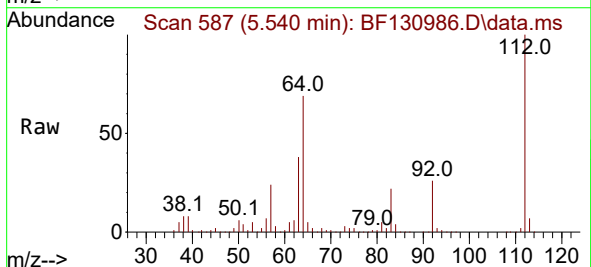
Instrument :
BNA_F
ClientSampleId :
PB148687BL

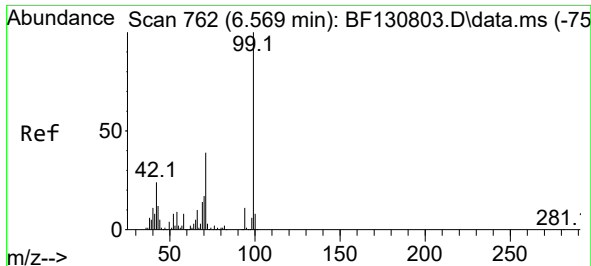
Tgt Ion:152 Resp: 101819
Ion Ratio Lower Upper
152 100
150 161.0 124.1 186.1
115 66.4 50.1 75.1



#5
2-Fluorophenol
Concen: 122.446 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF130986.D
Acq: 04 Nov 2022 11:44

Tgt Ion:112 Resp: 719155
Ion Ratio Lower Upper
112 100
64 69.2 53.9 80.9
63 37.6 29.4 44.2

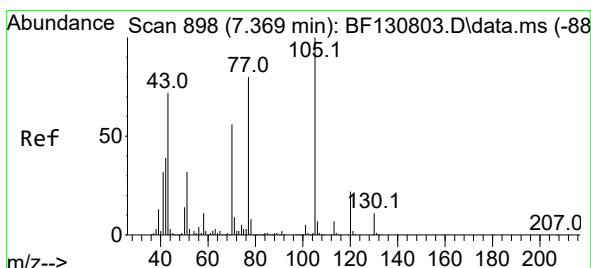
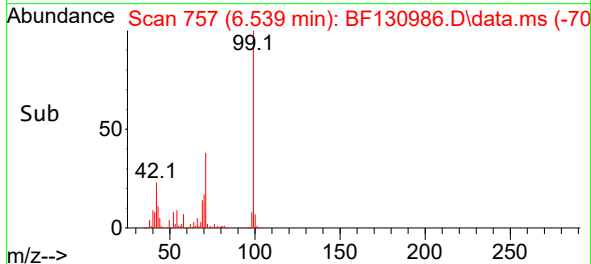
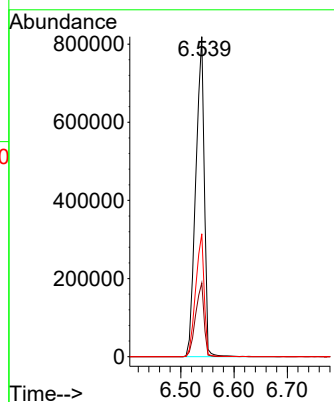
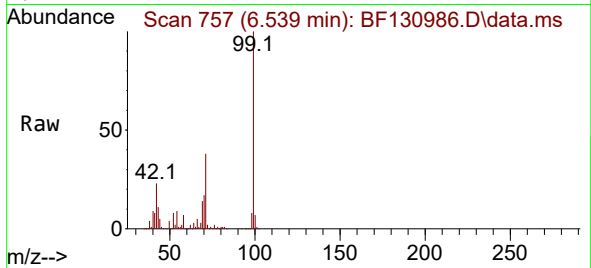




#7
Phenol-d6
Concen: 119.801 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130986.D
Acq: 04 Nov 2022 11:44

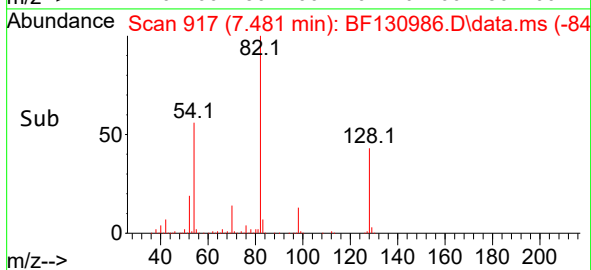
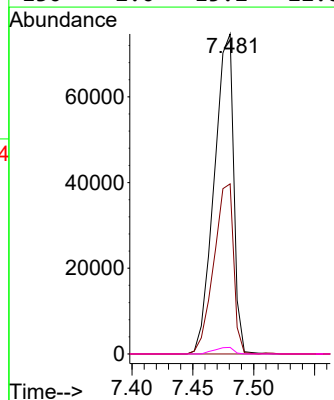
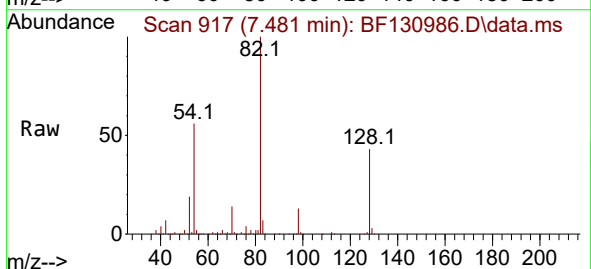
Instrument :
BNA_F
ClientSampleId :
PB148687BL

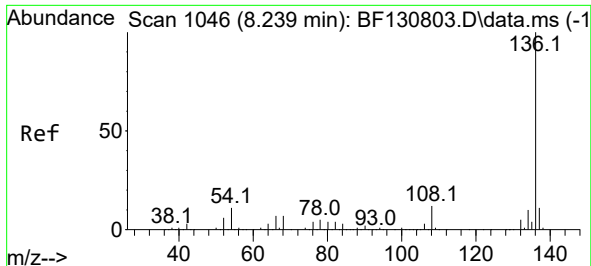
Tgt Ion: 99 Resp: 914348
Ion Ratio Lower Upper
99 100
42 23.1 18.8 28.2
71 38.4 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.936 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.153 min
Lab File: BF130986.D
Acq: 04 Nov 2022 11:44

Tgt Ion: 70 Resp: 82755
Ion Ratio Lower Upper
70 100
42 53.1 56.1 84.1#
101 0.0 7.3 10.9#
130 2.0 15.2 22.8#

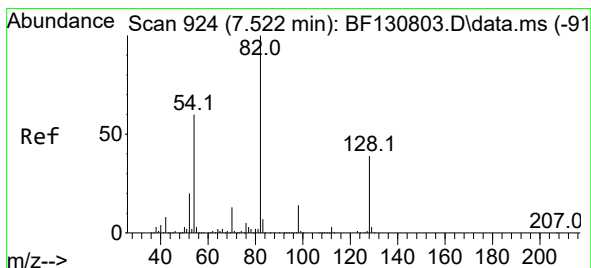
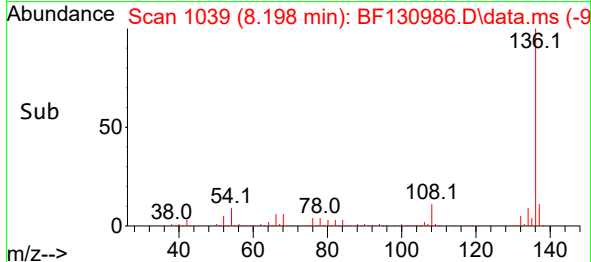
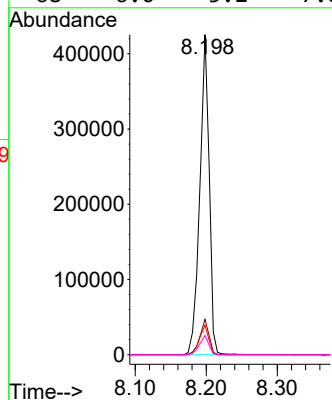
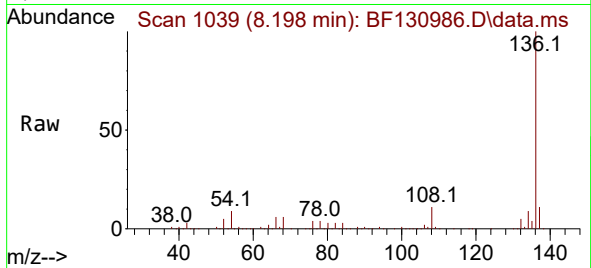




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF130986.D
Acq: 04 Nov 2022 11:44

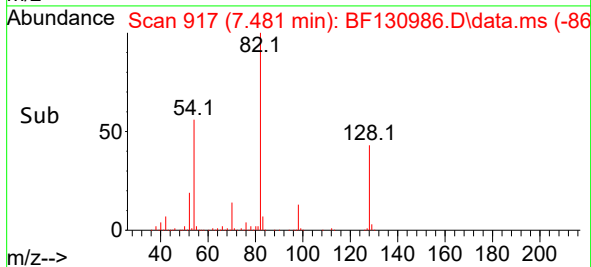
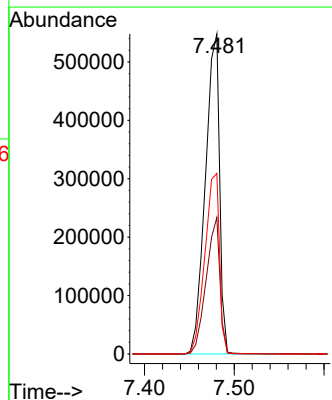
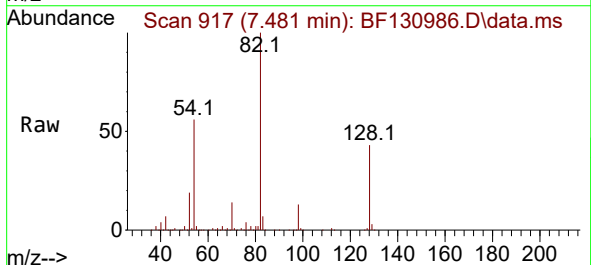
Instrument :
BNA_F
ClientSampleId :
PB148687BL

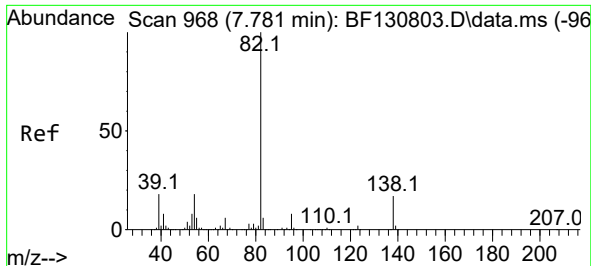
Tgt Ion:136 Resp: 392114
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 9.2 8.8 13.2
68 6.0 5.2 7.8



#23
Nitrobenzene-d5
Concen: 92.639 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF130986.D
Acq: 04 Nov 2022 11:44

Tgt Ion: 82 Resp: 602418
Ion Ratio Lower Upper
82 100
128 42.6 31.2 46.8
54 56.4 48.0 72.0

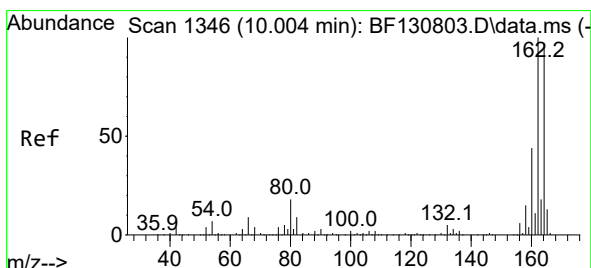
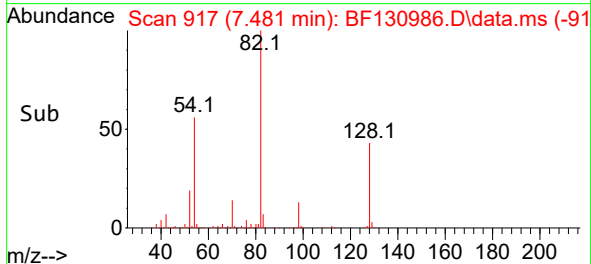
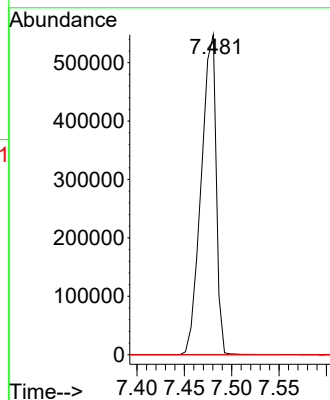
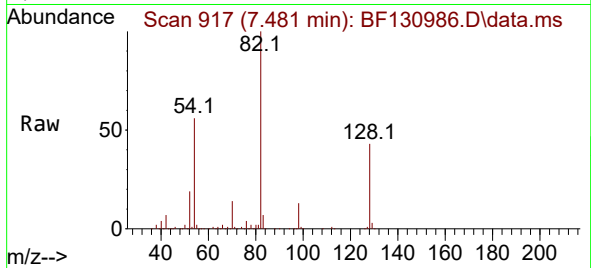




#25
Isophorone
Concen: 44.923 ng
RT: 7.481 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF130986.D
Acq: 04 Nov 2022 11:44

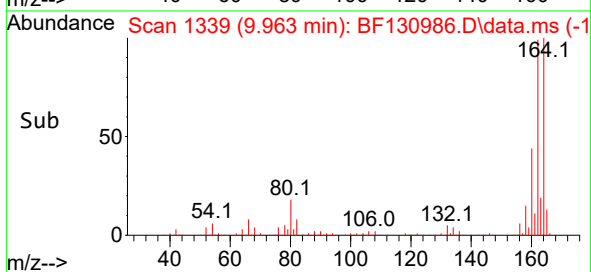
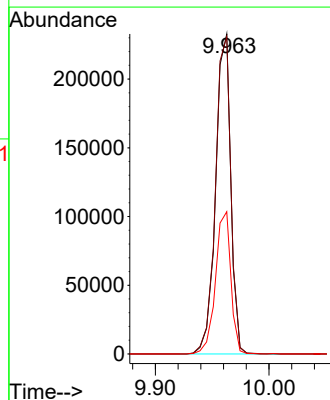
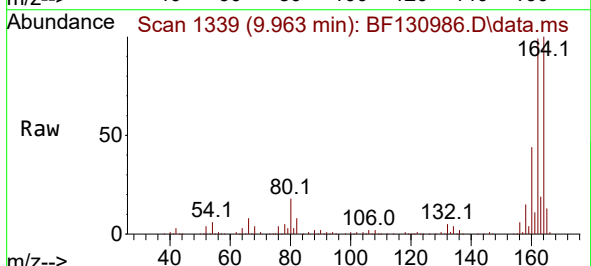
Instrument :
BNA_F
ClientSampleId :
PB148687BL

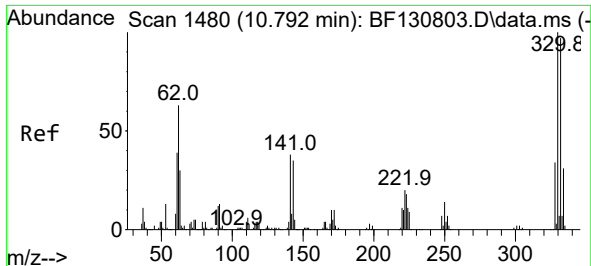
Tgt Ion: 82 Resp: 602408
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF130986.D
Acq: 04 Nov 2022 11:44

Tgt Ion:164 Resp: 215191
Ion Ratio Lower Upper
164 100
162 99.2 82.2 123.2
160 44.5 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 122.914 ng

RT: 10.757 min Scan# 1480

Delta R.T. -0.000 min

Lab File: BF130986.D

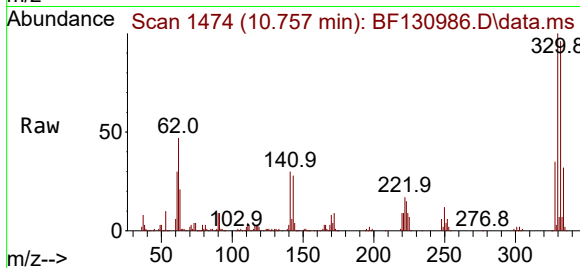
Acq: 04 Nov 2022 11:44

Instrument :

BNA_F

ClientSampleId :

PB148687BL



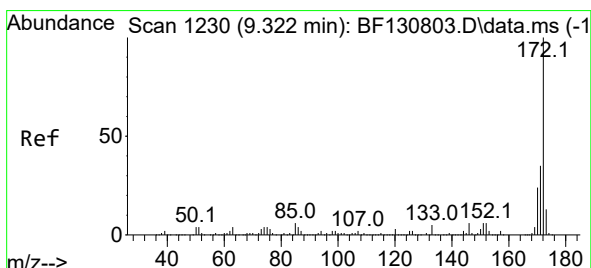
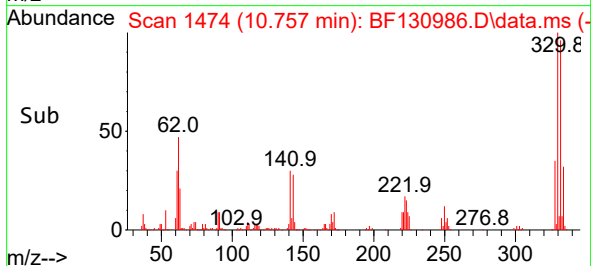
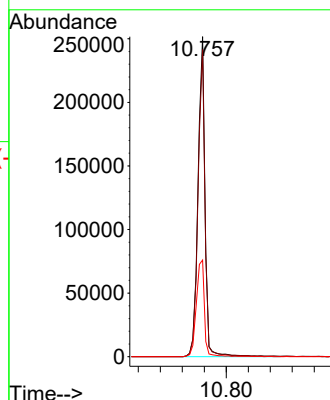
Tgt Ion:330 Resp: 222656

Ion Ratio Lower Upper

330 100

332 96.0 76.2 114.4

141 34.7 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 77.783 ng

RT: 9.280 min Scan# 1223

Delta R.T. -0.000 min

Lab File: BF130986.D

Acq: 04 Nov 2022 11:44

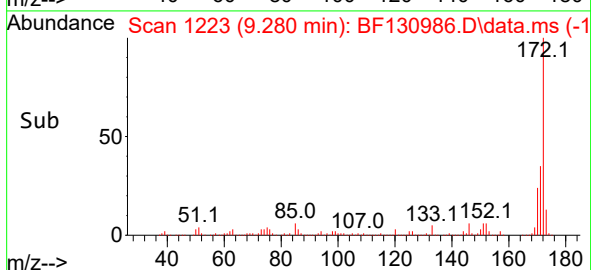
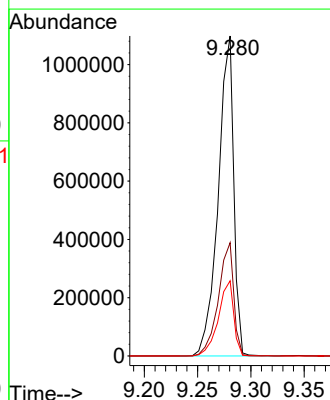
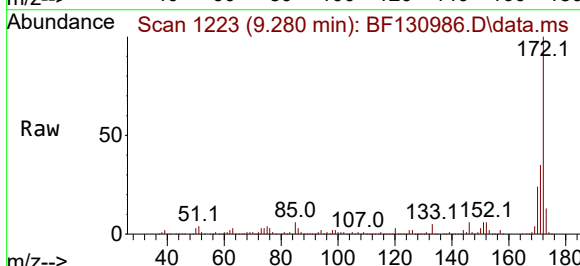
Tgt Ion:172 Resp: 1107104

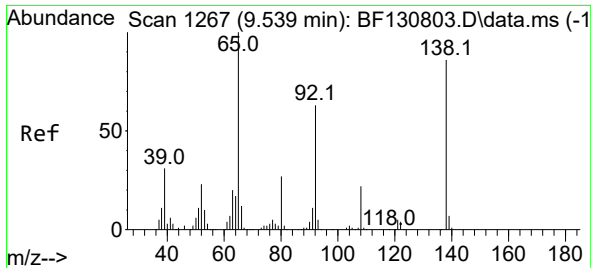
Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 23.5 19.0 28.4

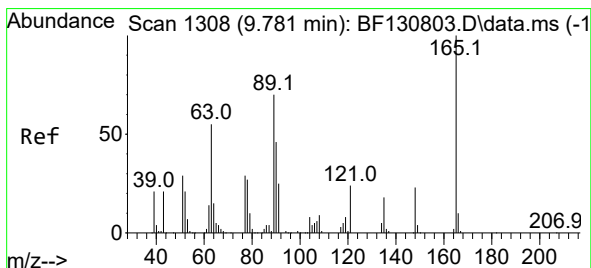
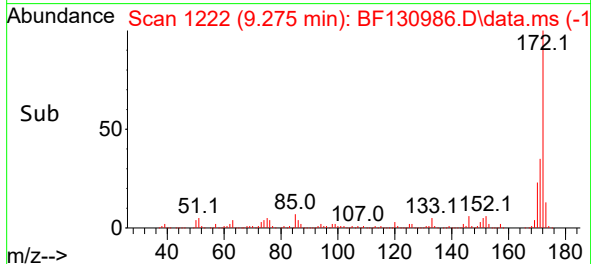
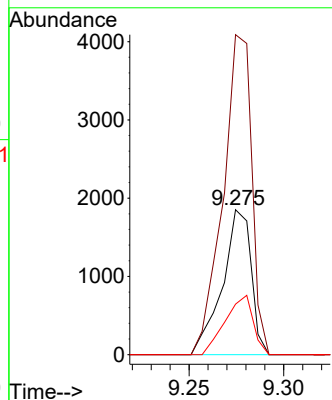
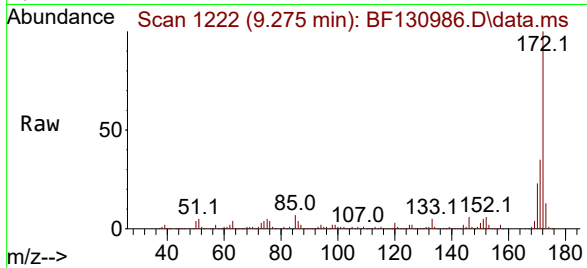




#48
2-Nitroaniline
Concen: 4.599 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.230 min
Lab File: BF130986.D
Acq: 04 Nov 2022 11:44

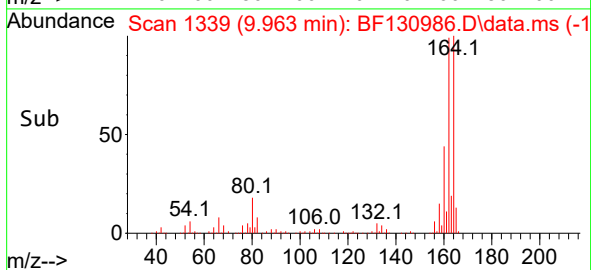
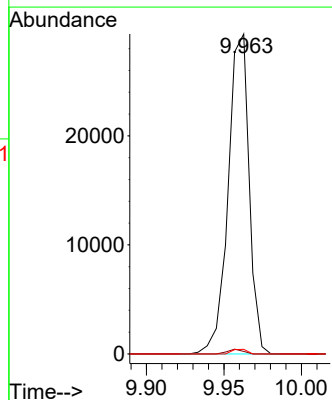
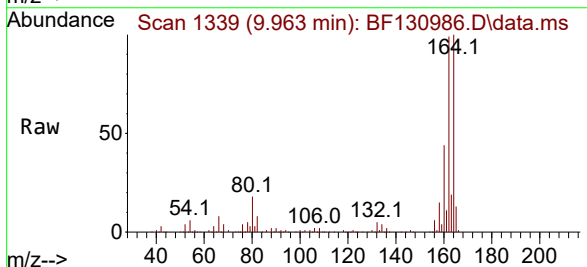
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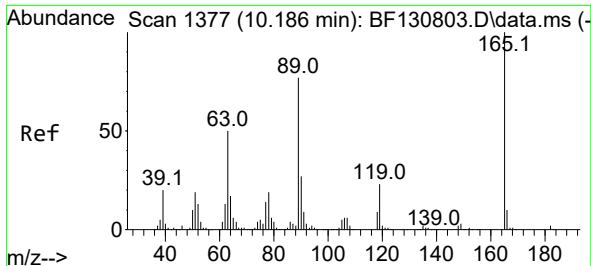
Tgt Ion: 65 Resp: 1958
Ion Ratio Lower Upper
65 100
92 220.7 50.1 75.1#
138 34.9 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 12.056 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.217 min
Lab File: BF130986.D
Acq: 04 Nov 2022 11:44

Tgt Ion: 165 Resp: 27646
Ion Ratio Lower Upper
165 100
63 0.8 61.8 92.8#
89 1.4 56.2 84.4#

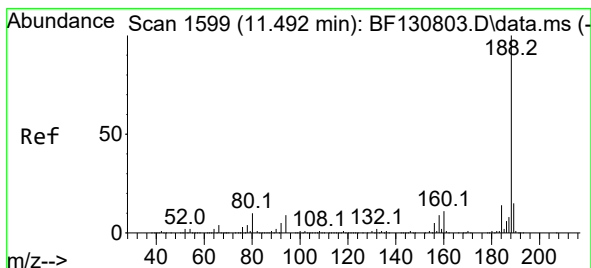
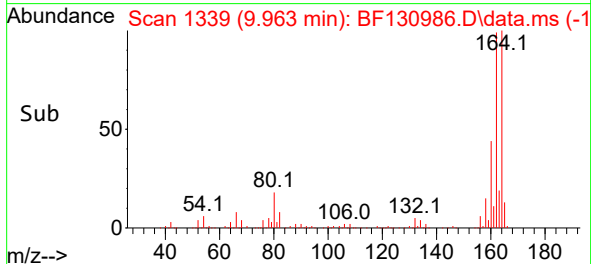
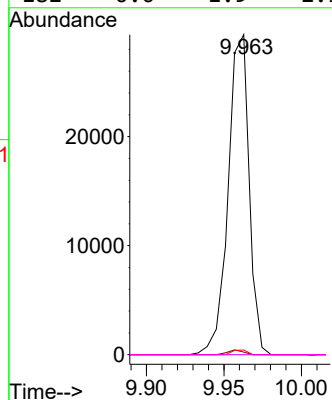
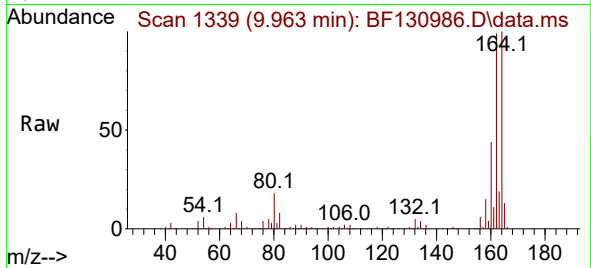




#57
2,4-Dinitrotoluene
Concen: 10.933 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF130986.D
Acq: 04 Nov 2022 11:44

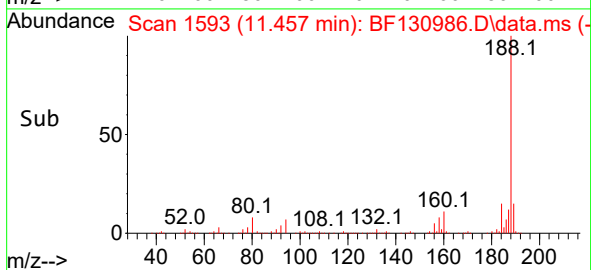
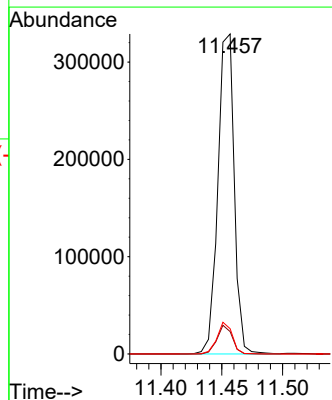
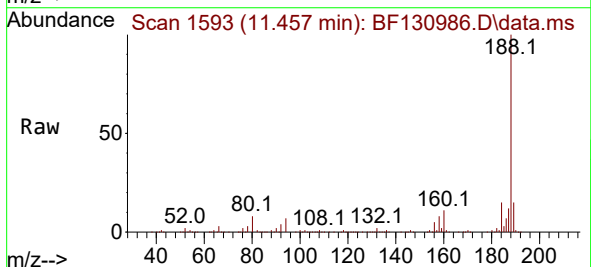
Instrument :
BNA_F
ClientSampleId :
PB148687BL

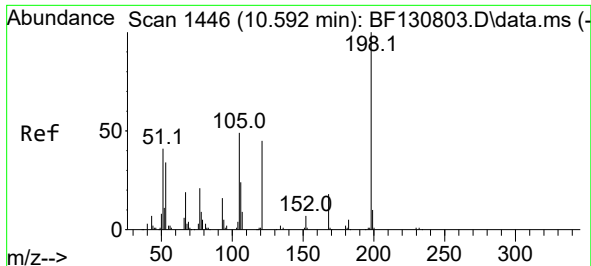
Tgt Ion:165 Resp: 27646
Ion Ratio Lower Upper
165 100
63 0.8 39.8 59.6#
89 1.4 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF130986.D
Acq: 04 Nov 2022 11:44

Tgt Ion:188 Resp: 307804
Ion Ratio Lower Upper
188 100
94 7.0 7.4 11.2#
80 7.9 8.0 12.0#

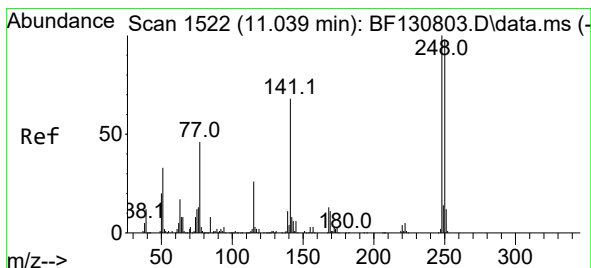
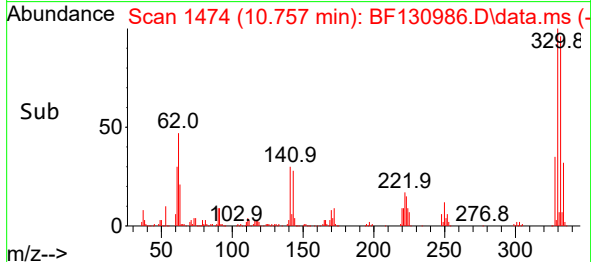
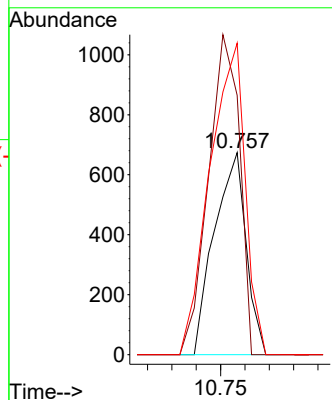
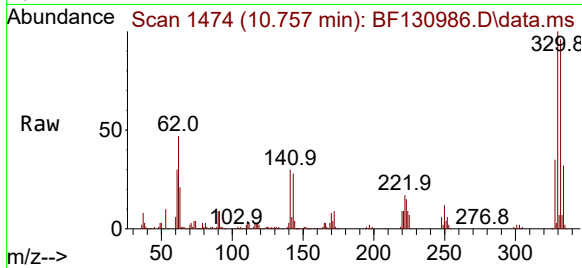




#65
4,6-Dinitro-2-methylphenol
Concen: 8.324 ng
RT: 10.757 min Scan# 1446
Delta R.T. 0.194 min
Lab File: BF130986.D
Acq: 04 Nov 2022 11:44

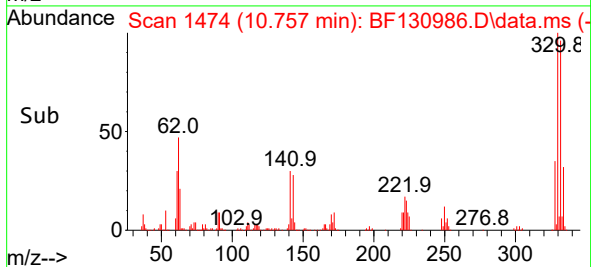
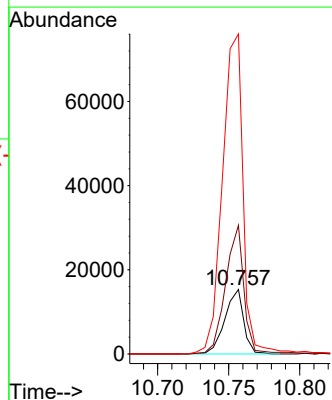
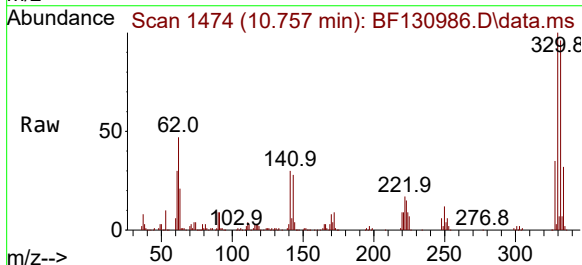
Instrument :
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ClientSampleId :
PB148687BL

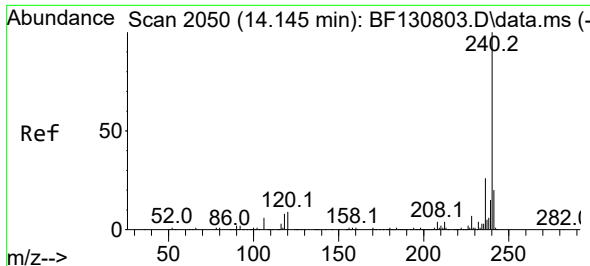
Tgt Ion:198 Resp: 610
Ion Ratio Lower Upper
198 100
51 128.3 39.0 79.0#
105 154.2 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 4.559 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.241 min
Lab File: BF130986.D
Acq: 04 Nov 2022 11:44

Tgt Ion:248 Resp: 14111
Ion Ratio Lower Upper
248 100
250 199.4 78.6 117.8#
141 496.0 54.2 81.4#

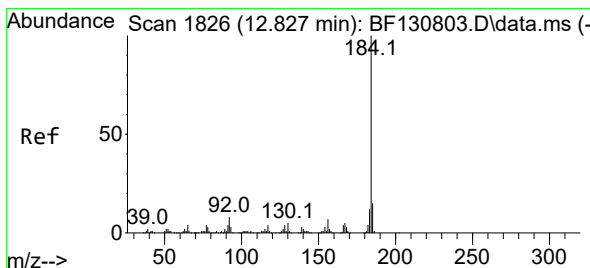
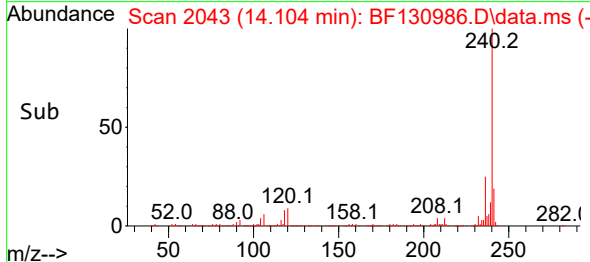
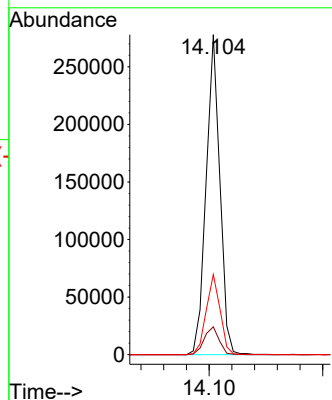
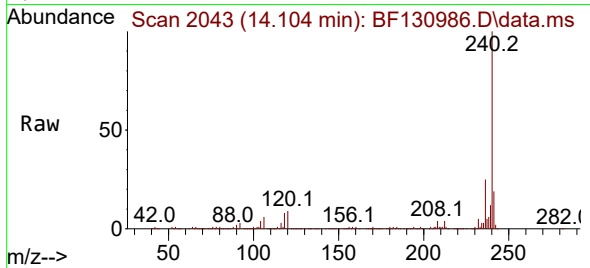




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BF130986.D
Acq: 04 Nov 2022 11:44

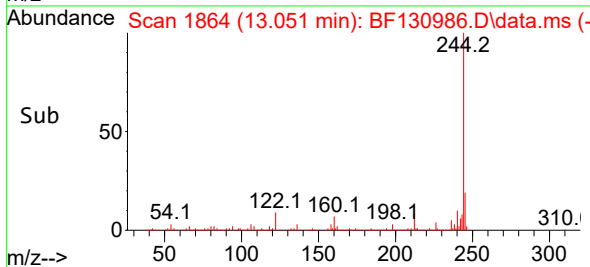
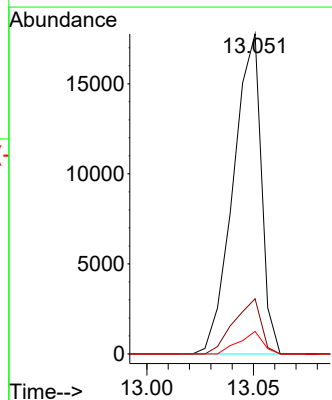
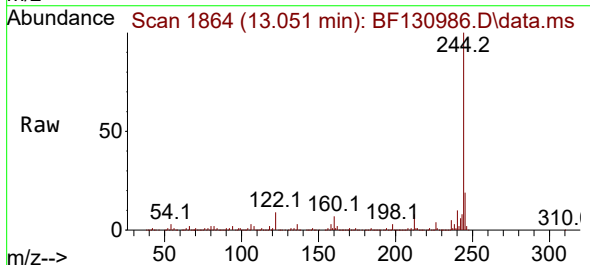
Instrument :
BNA_F
ClientSampleId :
PB148687BL

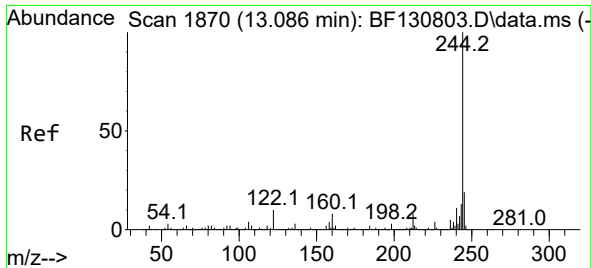
Tgt Ion:240 Resp: 233141
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.4
236 25.0 20.5 30.7



#77
Benzidine
Concen: 2.870 ng
RT: 13.051 min Scan# 1864
Delta R.T. 0.259 min
Lab File: BF130986.D
Acq: 04 Nov 2022 11:44

Tgt Ion:184 Resp: 16243
Ion Ratio Lower Upper
184 100
185 17.3 11.8 17.8
183 7.1 9.7 14.5#

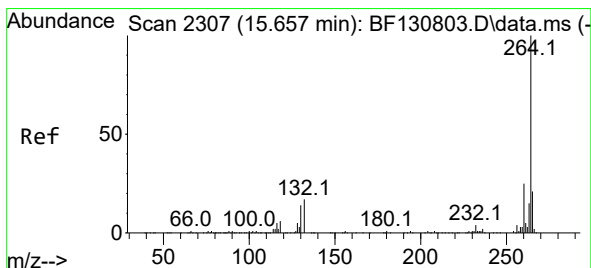
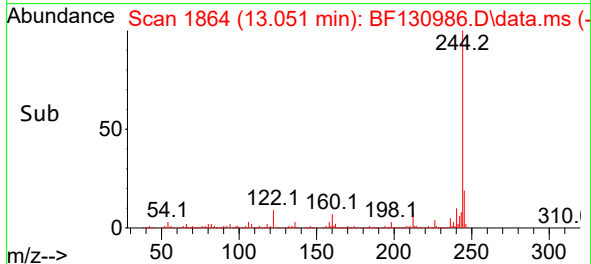
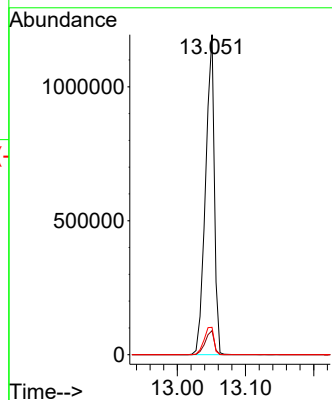
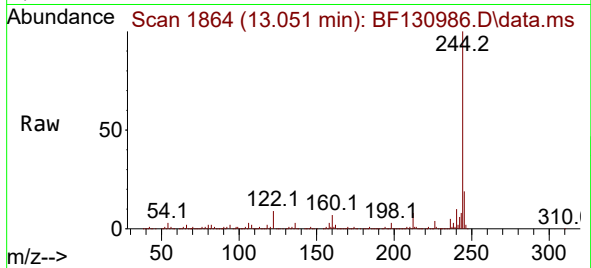




#79
 Terphenyl-d14
 Concen: 84.313 ng
 RT: 13.051 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF130986.D
 Acq: 04 Nov 2022 11:44

Instrument :
 BNA_F
 ClientSampleId :
 PB148687BL

Tgt Ion:244 Resp: 1072702
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 8.5 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.615 min Scan# 2300
 Delta R.T. 0.006 min
 Lab File: BF130986.D
 Acq: 04 Nov 2022 11:44

Tgt Ion:264 Resp: 157651
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.9 29.9
 265 21.2 17.0 25.6

