

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
 Data File : BF130925.D
 Acq On : 02 Nov 2022 11:41
 Operator : CG\JU
 Sample : PB148722BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148722BL

Quant Time: Nov 03 03:39:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 03 03:37:09 2022
 Response via : Initial Calibration

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

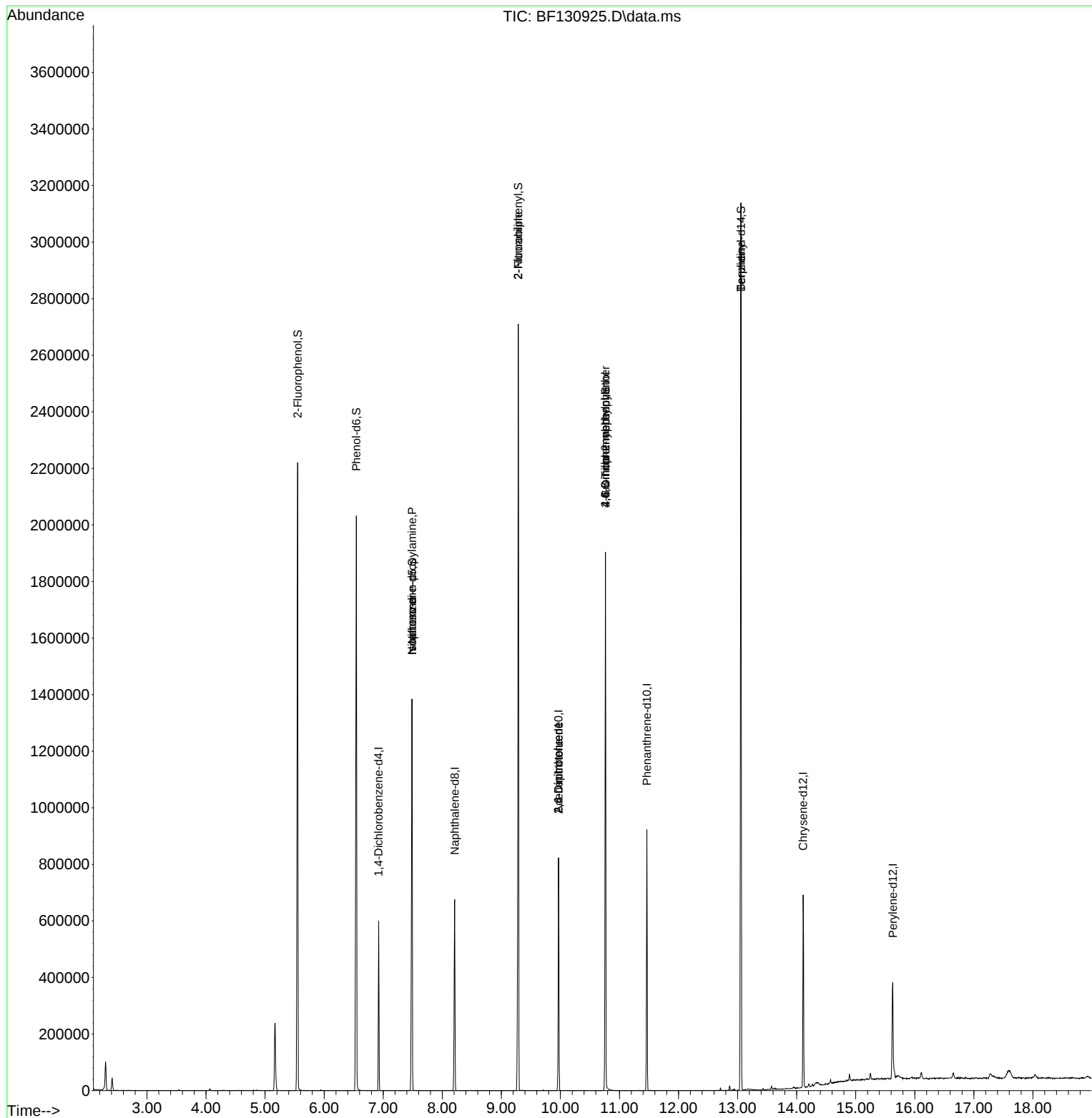
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	73386	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	284492	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	156821	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	301143	20.000	ng	0.00
76) Chrysene-d12	14.110	240	225083	20.000	ng	-0.01
86) Perylene-d12	15.627	264	153189	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	542926	128.256	ng	0.01
7) Phenol-d6	6.546	99	690712	125.562	ng	0.00
23) Nitrobenzene-d5	7.487	82	473778	100.419	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	208333	157.814	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	853893	82.322	ng	0.00
79) Terphenyl-d14	13.057	244	1027437	83.646	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.487	70	65184	17.416	ng	# 80
25) Isophorone	7.487	82	473521	48.670	ng	# 66
48) 2-Nitroaniline	9.287	65	1809	4.721	ng	# 1
51) 2,6-Dinitrotoluene	9.969	165	20206	12.083	ng	# 14
57) 2,4-Dinitrotoluene	9.969	165	20206	10.954	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.763	198	500	8.260	ng	# 1
67) 4-Bromophenyl-phenylether	10.763	248	12793	4.224	ng	# 1
77) Benzidine	13.057	184	16727	3.061	ng	# 92

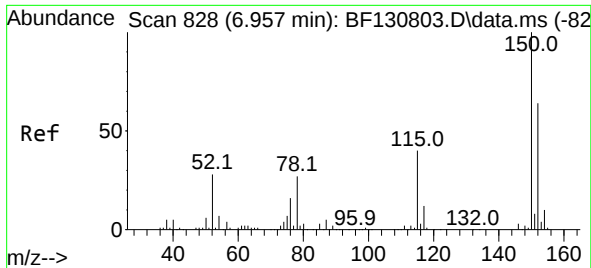
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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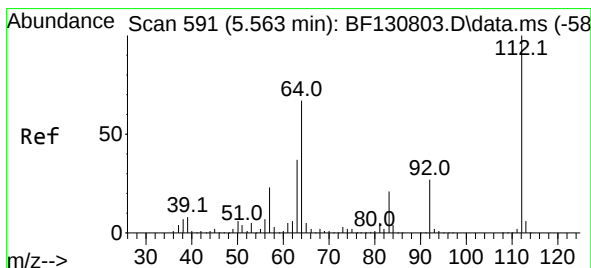
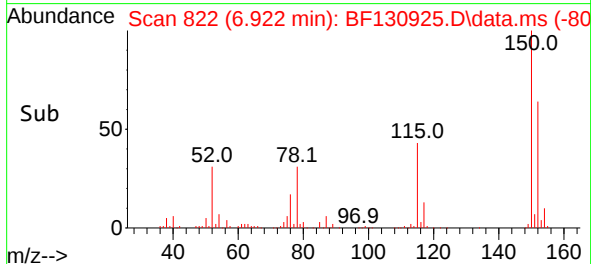
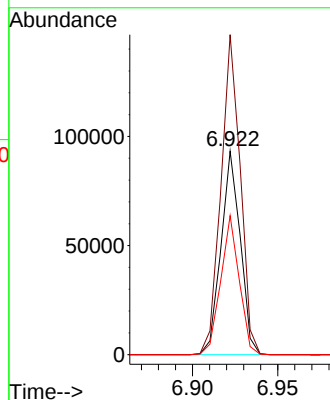
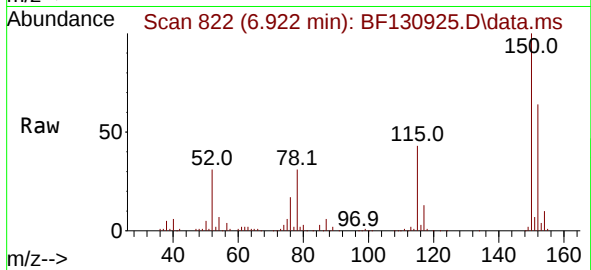




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.922 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF130925.D
 Acq: 02 Nov 2022 11:41

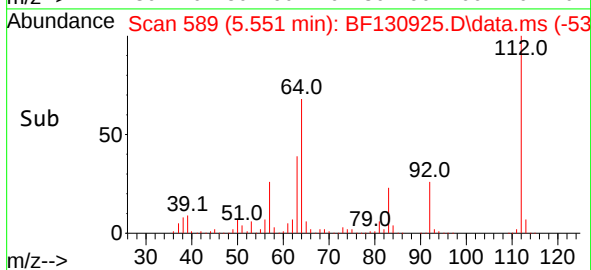
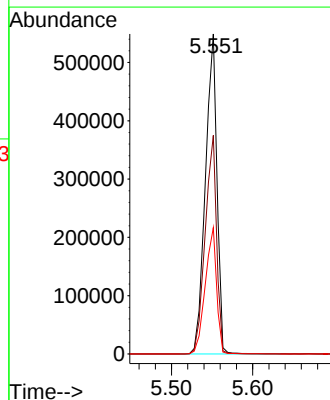
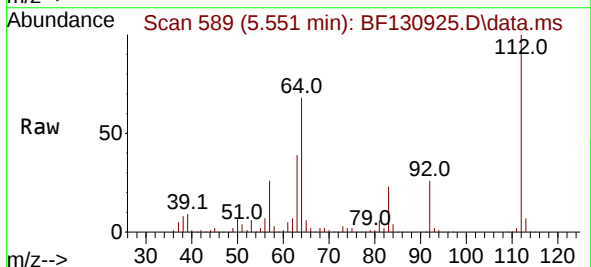
Instrument :
 BNA_F
 ClientSampleId :
 PB148722BL

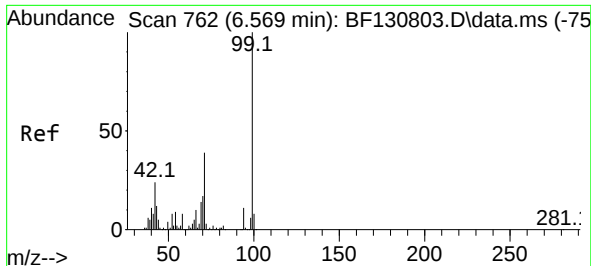
Tgt Ion:152 Resp: 73386
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.1 186.1
 115 68.3 50.1 75.1



#5
 2-Fluorophenol
 Concen: 128.256 ng
 RT: 5.551 min Scan# 589
 Delta R.T. 0.012 min
 Lab File: BF130925.D
 Acq: 02 Nov 2022 11:41

Tgt Ion:112 Resp: 542926
 Ion Ratio Lower Upper
 112 100
 64 68.3 53.9 80.9
 63 39.5 29.4 44.2

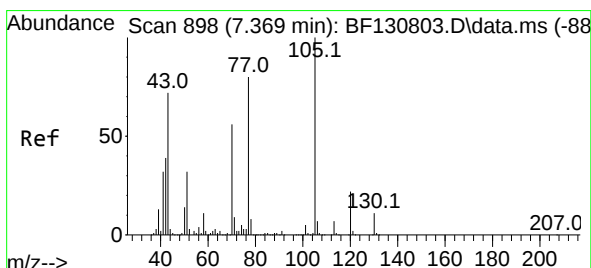
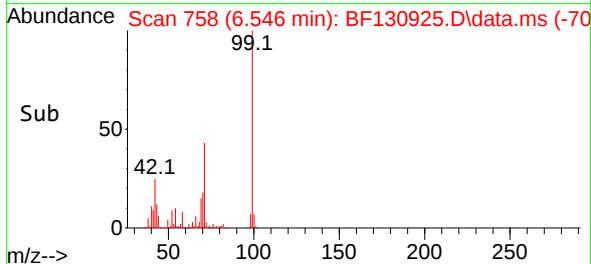
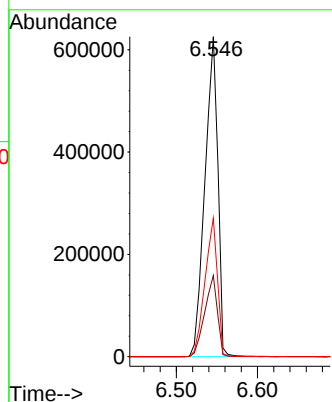
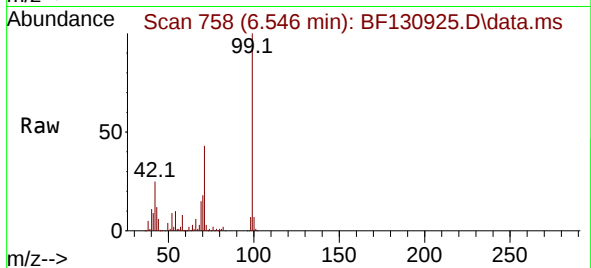




#7
Phenol-d6
Concen: 125.562 ng
RT: 6.546 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130925.D
Acq: 02 Nov 2022 11:41

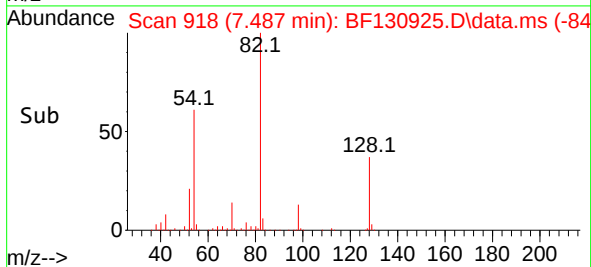
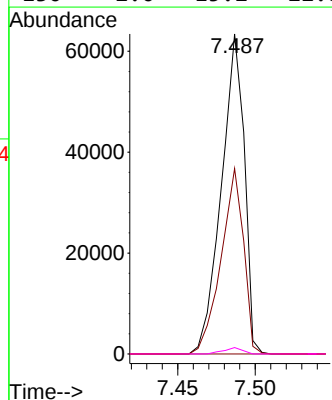
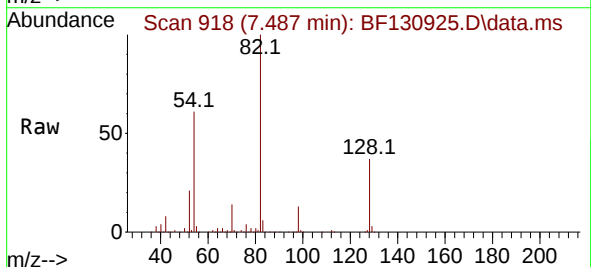
Instrument :
BNA_F
ClientSampleId :
PB148722BL

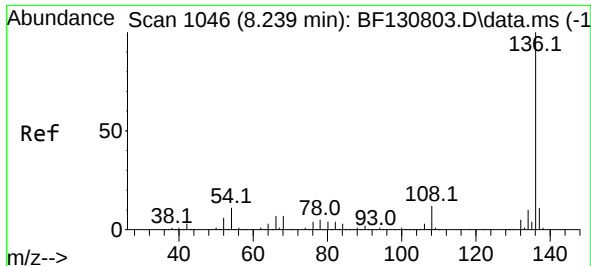
Tgt Ion: 99 Resp: 690712
Ion Ratio Lower Upper
99 100
42 25.4 18.8 28.2
71 43.2 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.416 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.147 min
Lab File: BF130925.D
Acq: 02 Nov 2022 11:41

Tgt Ion: 70 Resp: 65184
Ion Ratio Lower Upper
70 100
42 58.0 56.1 84.1
101 0.0 7.3 10.9#
130 2.0 15.2 22.8#

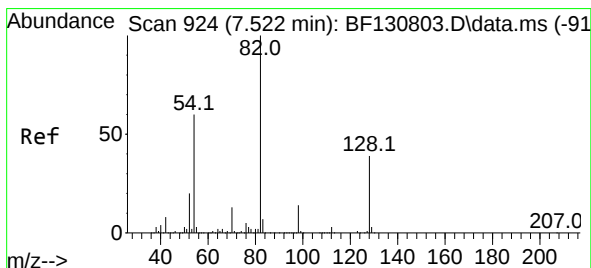
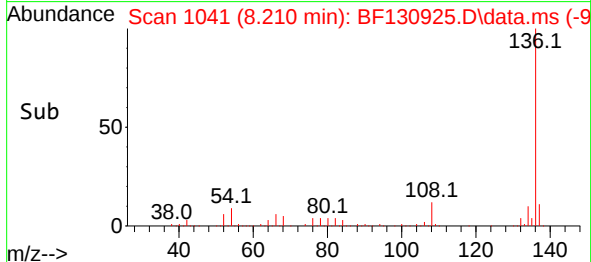
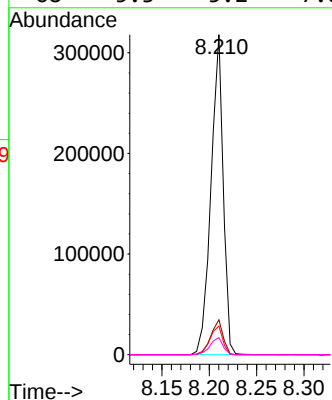
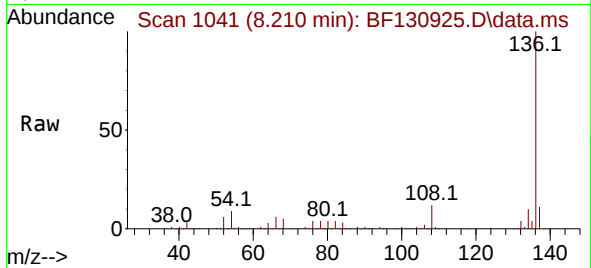




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF130925.D
Acq: 02 Nov 2022 11:41

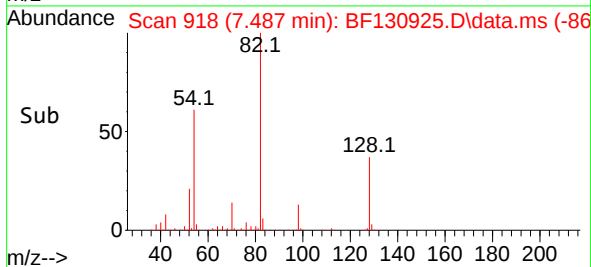
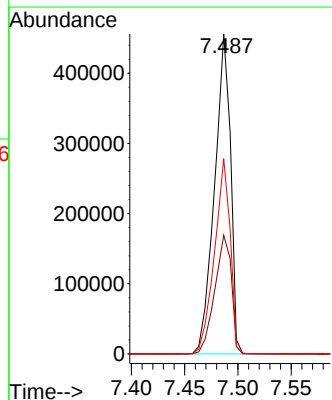
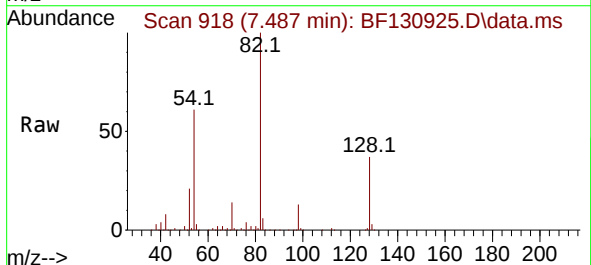
Instrument :
BNA_F
ClientSampleId :
PB148722BL

Tgt Ion:	136	Resp:	284492
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.2	13.8
54	9.0	8.8	13.2
68	5.3	5.2	7.8



#23
Nitrobenzene-d5
Concen: 100.419 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF130925.D
Acq: 02 Nov 2022 11:41

Tgt Ion:	82	Resp:	473778
Ion Ratio	Lower	Upper	
82	100		
128	37.1	31.2	46.8
54	61.0	48.0	72.0

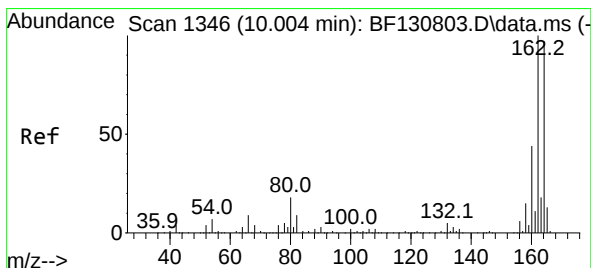
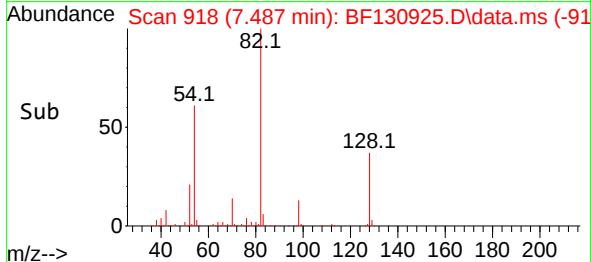
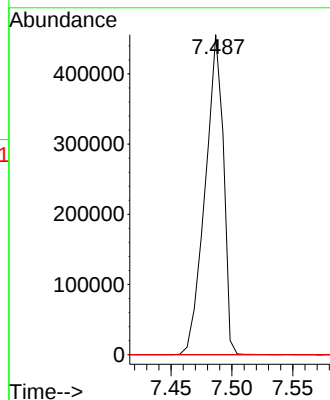
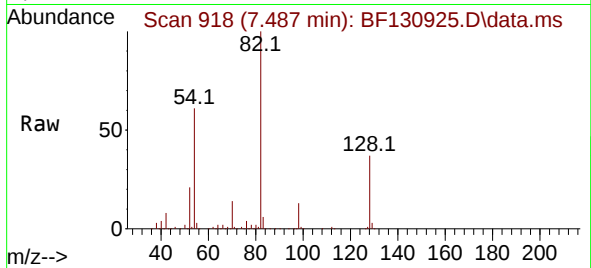




#25
Isophorone
Concen: 48.670 ng
RT: 7.487 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130925.D
Acq: 02 Nov 2022 11:41

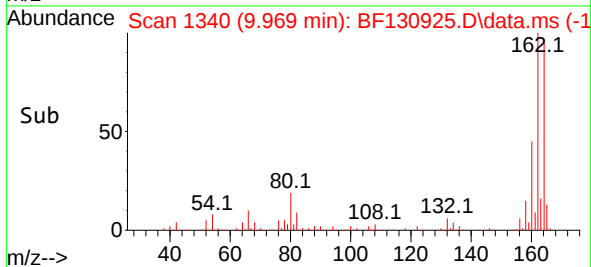
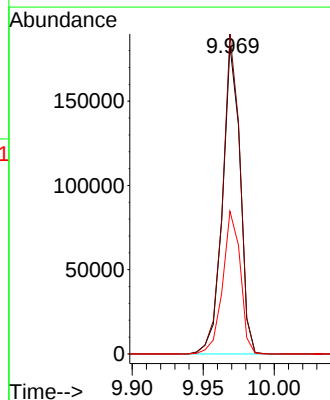
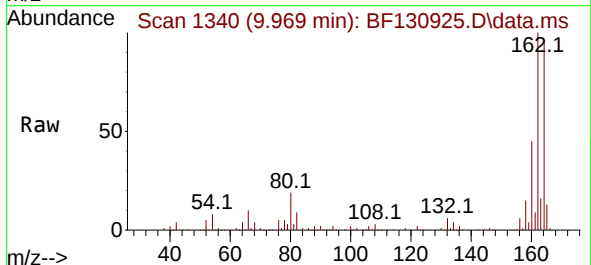
Instrument :
BNA_F
ClientSampleId :
PB148722BL

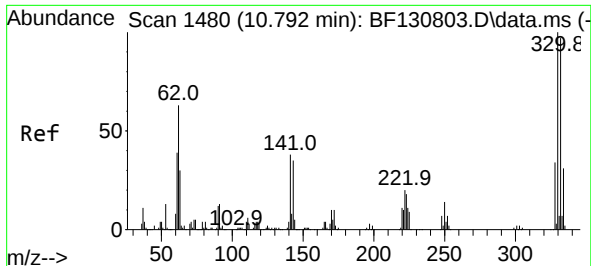
Tgt Ion: 82 Resp: 473521
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF130925.D
Acq: 02 Nov 2022 11:41

Tgt Ion:164 Resp: 156821
Ion Ratio Lower Upper
164 100
162 103.7 82.2 123.2
160 46.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 157.814 ng

RT: 10.763 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF130925.D

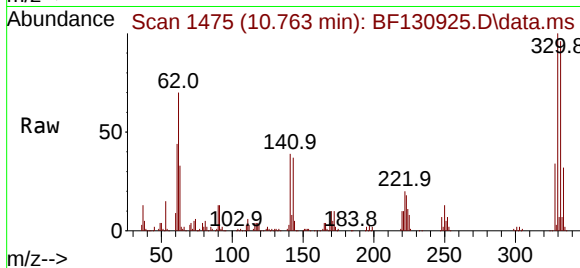
Acq: 02 Nov 2022 11:41

Instrument :

BNA_F

ClientSampleId :

PB148722BL



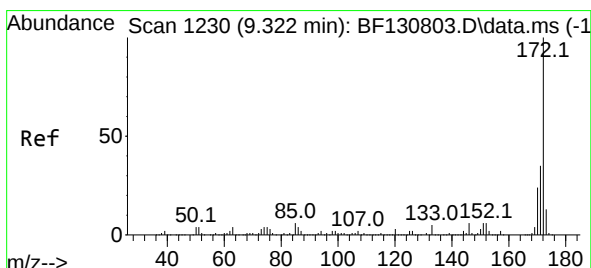
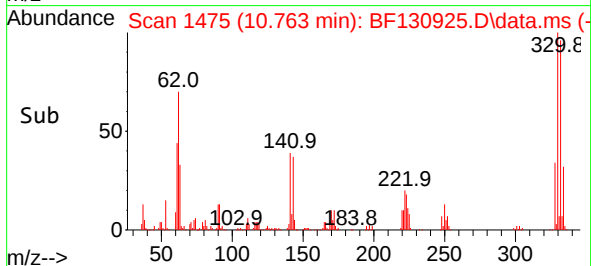
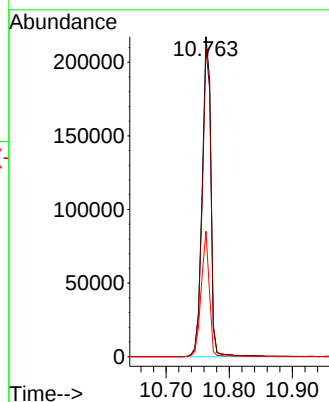
Tgt Ion:330 Resp: 208333

Ion Ratio Lower Upper

330 100

332 95.6 76.2 114.4

141 36.5 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 82.322 ng

RT: 9.287 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BF130925.D

Acq: 02 Nov 2022 11:41

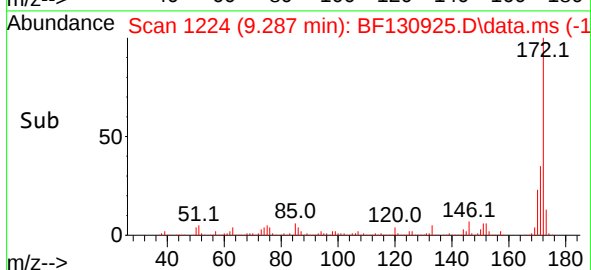
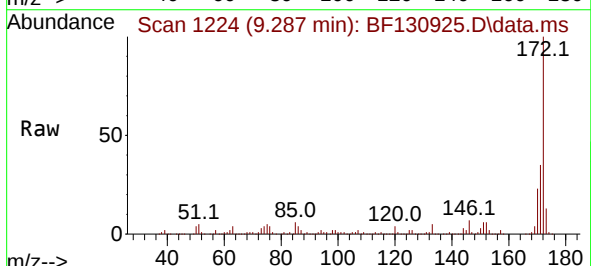
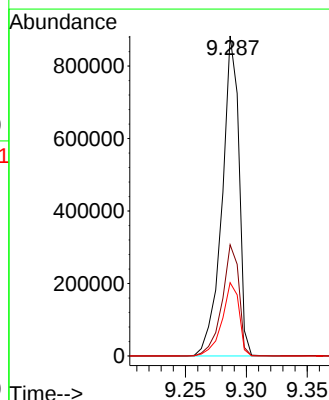
Tgt Ion:172 Resp: 853893

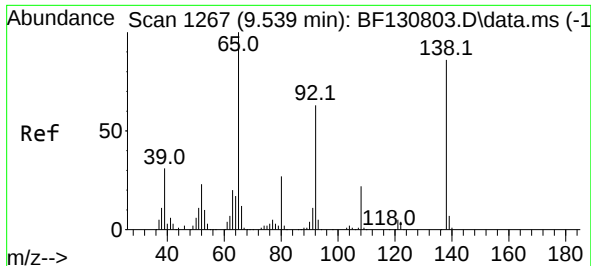
Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 22.9 19.0 28.4

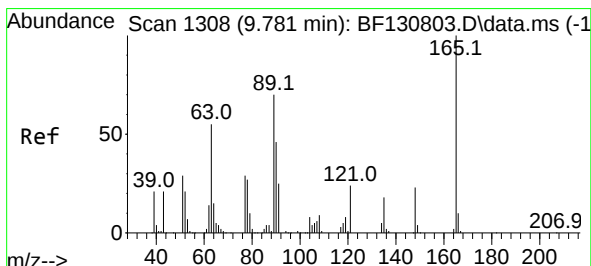
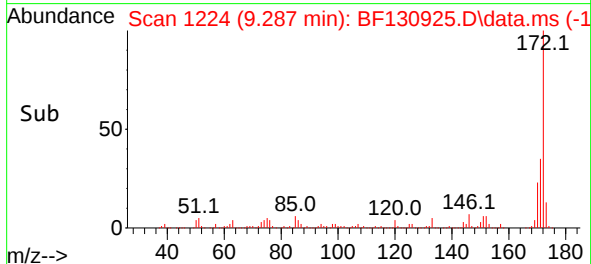
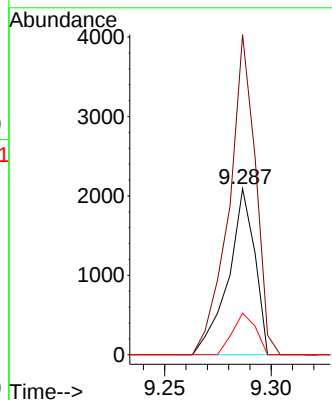
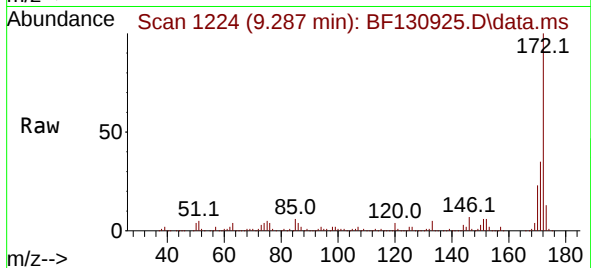




#48
2-Nitroaniline
Concen: 4.721 ng
RT: 9.287 min Scan# 11
Delta R.T. -0.229 min
Lab File: BF130925.D
Acq: 02 Nov 2022 11:41

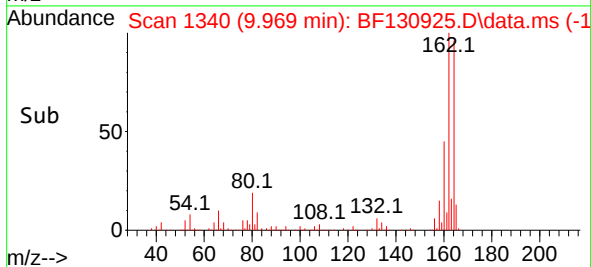
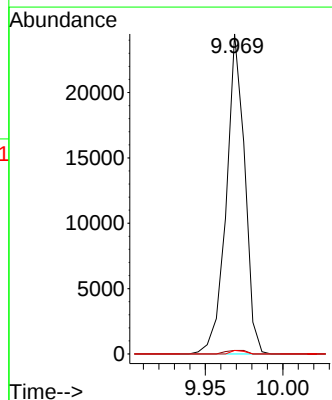
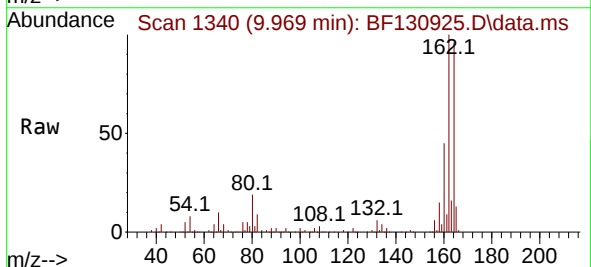
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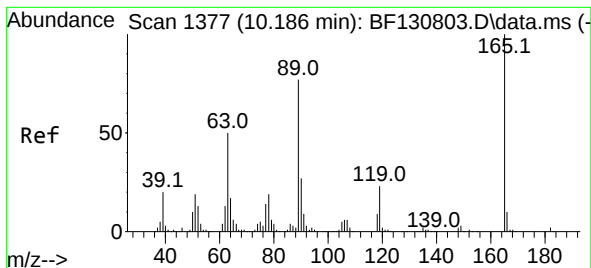
Tgt Ion: 65 Resp: 1809
Ion Ratio Lower Upper
65 100
92 192.8 50.1 75.1#
138 25.0 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 12.083 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.212 min
Lab File: BF130925.D
Acq: 02 Nov 2022 11:41

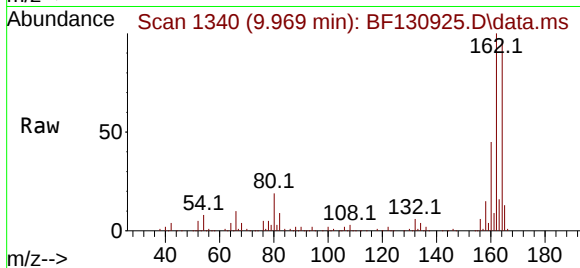
Tgt Ion: 165 Resp: 20206
Ion Ratio Lower Upper
165 100
63 1.1 61.8 92.8#
89 1.1 56.2 84.4#



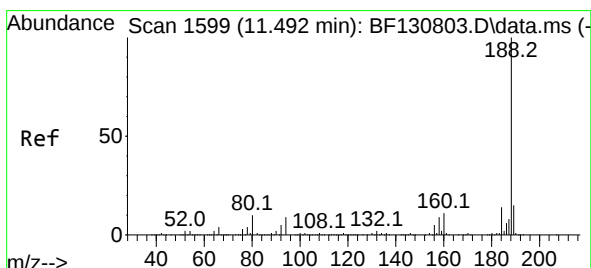
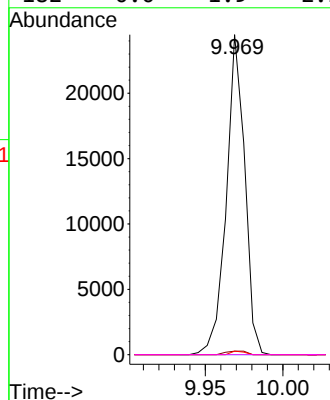
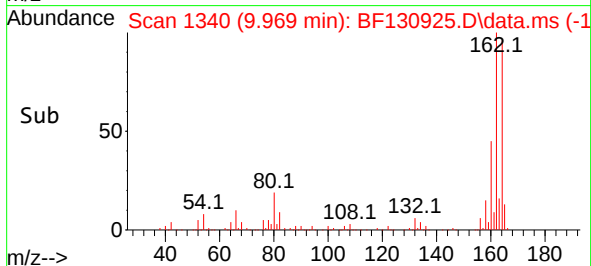


#57
2,4-Dinitrotoluene
Concen: 10.954 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130925.D
Acq: 02 Nov 2022 11:41

Instrument :
BNA_F
ClientSampleId :
PB148722BL

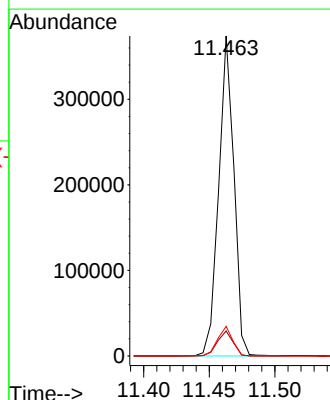
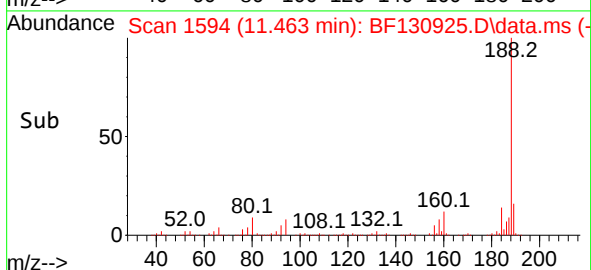
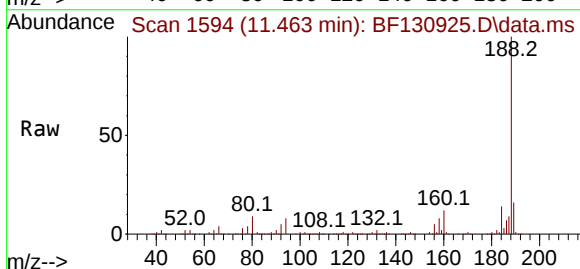


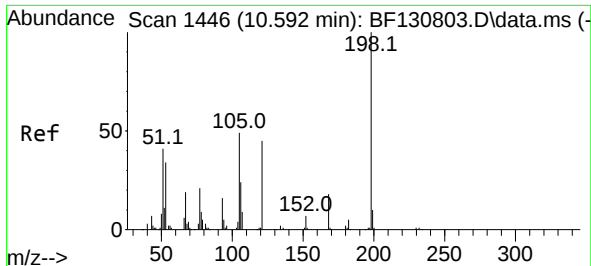
Tgt Ion:165 Resp: 20206
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.1 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BF130925.D
Acq: 02 Nov 2022 11:41

Tgt Ion:188 Resp: 301143
Ion Ratio Lower Upper
188 100
94 7.8 7.4 11.2
80 9.2 8.0 12.0





#65

4,6-Dinitro-2-methylphenol

Concen: 8.260 ng

RT: 10.763 min Scan# 1446

Delta R.T. 0.194 min

Lab File: BF130925.D

Acq: 02 Nov 2022 11:41

Instrument :

BNA_F

ClientSampleId :

PB148722BL

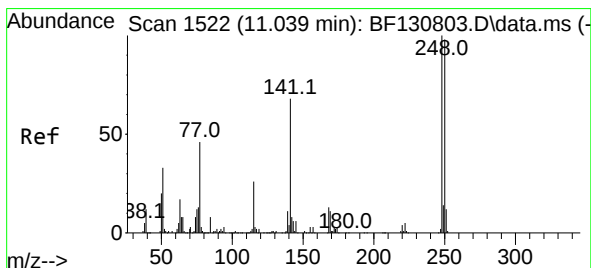
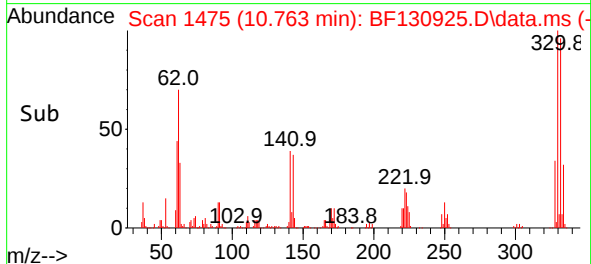
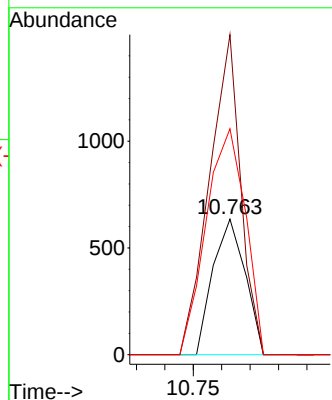
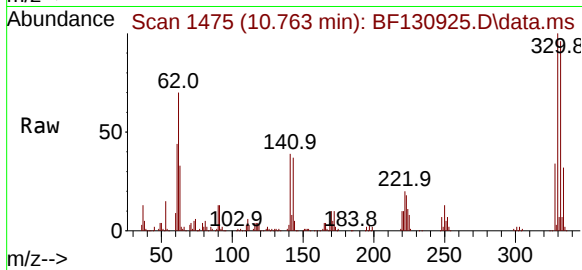
Tgt Ion:198 Resp: 500

Ion Ratio Lower Upper

198 100

51 236.1 39.0 79.0#

105 166.6 30.6 70.6#



#67

4-Bromophenyl-phenylether

Concen: 4.224 ng

RT: 10.763 min Scan# 1475

Delta R.T. -0.247 min

Lab File: BF130925.D

Acq: 02 Nov 2022 11:41

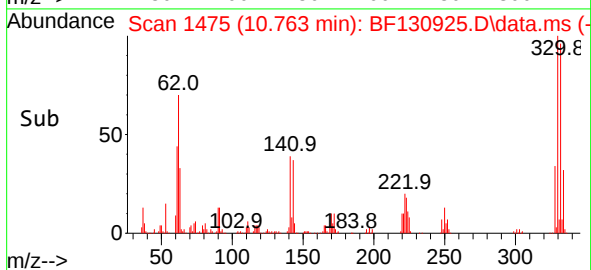
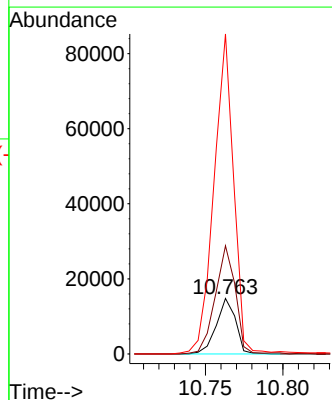
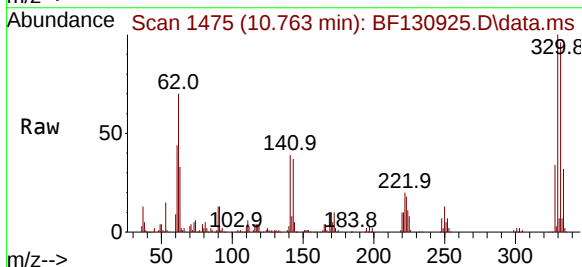
Tgt Ion:248 Resp: 12793

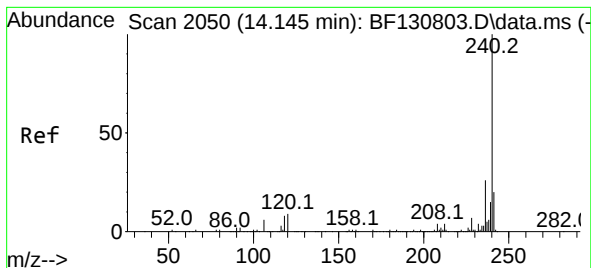
Ion Ratio Lower Upper

248 100

250 194.9 78.6 117.8#

141 576.7 54.2 81.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.110 min Scan# 2044

Delta R.T. -0.012 min

Lab File: BF130925.D

Acq: 02 Nov 2022 11:41

Instrument :

BNA_F

ClientSampleId :

PB148722BL

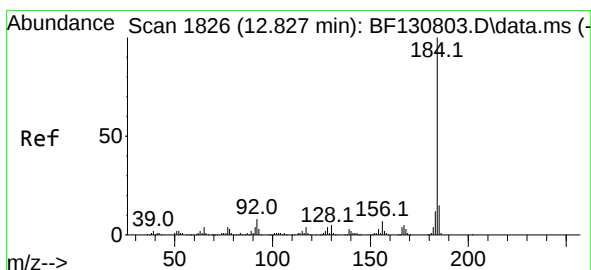
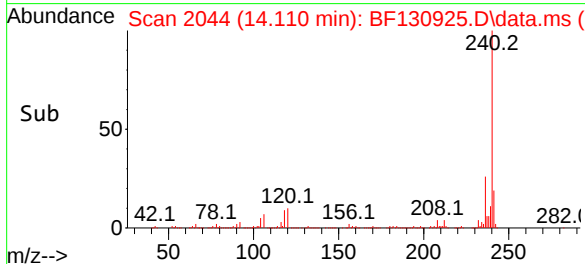
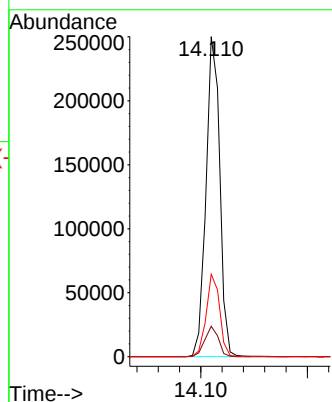
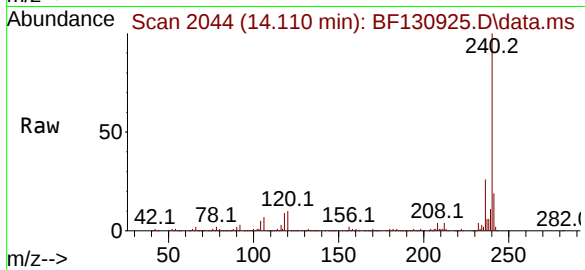
Tgt Ion:240 Resp: 225083

Ion Ratio Lower Upper

240 100

120 9.5 7.0 10.4

236 25.7 20.5 30.7



#77

Benzidine

Concen: 3.061 ng

RT: 13.057 min Scan# 1865

Delta R.T. 0.253 min

Lab File: BF130925.D

Acq: 02 Nov 2022 11:41

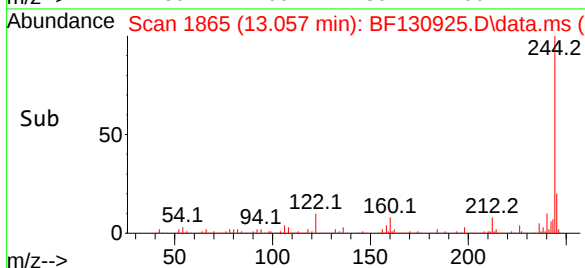
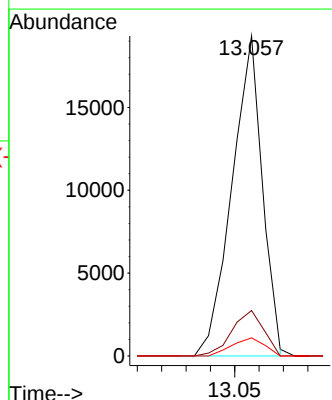
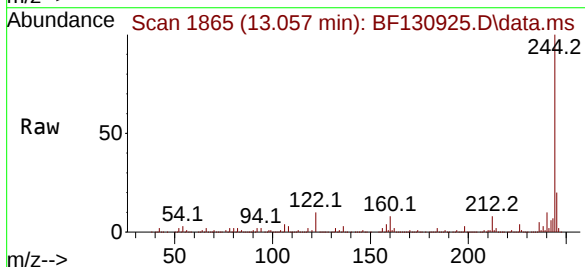
Tgt Ion:184 Resp: 16727

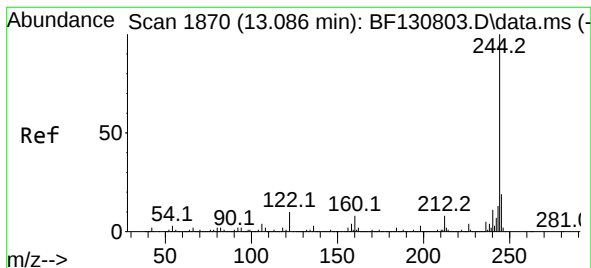
Ion Ratio Lower Upper

184 100

185 14.2 11.8 17.8

183 5.6 9.7 14.5#





#79

Terphenyl-d14

Concen: 83.646 ng

RT: 13.057 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130925.D

Acq: 02 Nov 2022 11:41

Instrument :

BNA_F

ClientSampleId :

PB148722BL

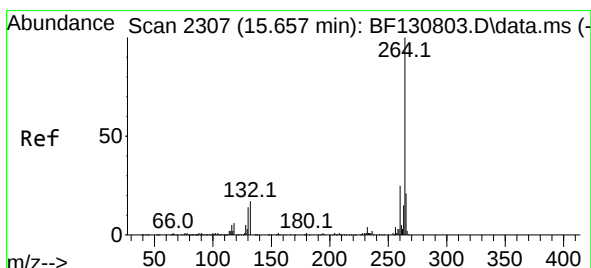
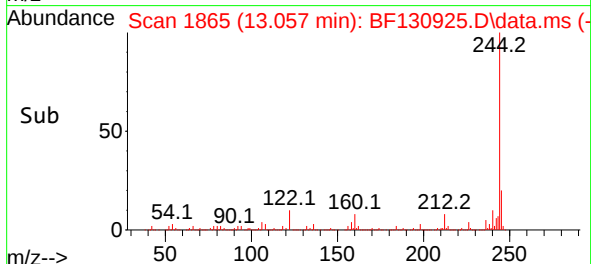
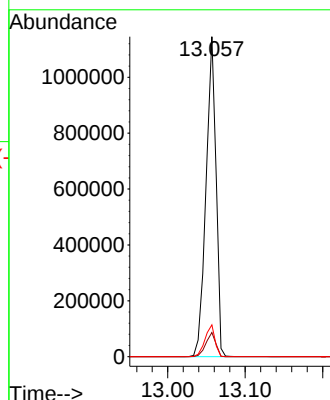
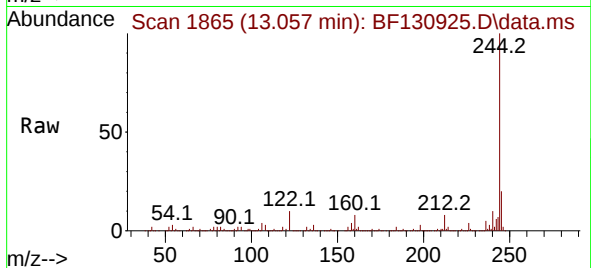
Tgt Ion:244 Resp: 1027437

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 10.0 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.627 min Scan# 2302

Delta R.T. 0.000 min

Lab File: BF130925.D

Acq: 02 Nov 2022 11:41

Tgt Ion:264 Resp: 153189

Ion Ratio Lower Upper

264 100

260 24.3 19.9 29.9

265 22.8 17.0 25.6

