

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
 Data File : BF130903.D
 Acq On : 01 Nov 2022 16:37
 Operator : CG\JU
 Sample : PB148641TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 08:21:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 08:18:35 2022
 Response via : Initial Calibration

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

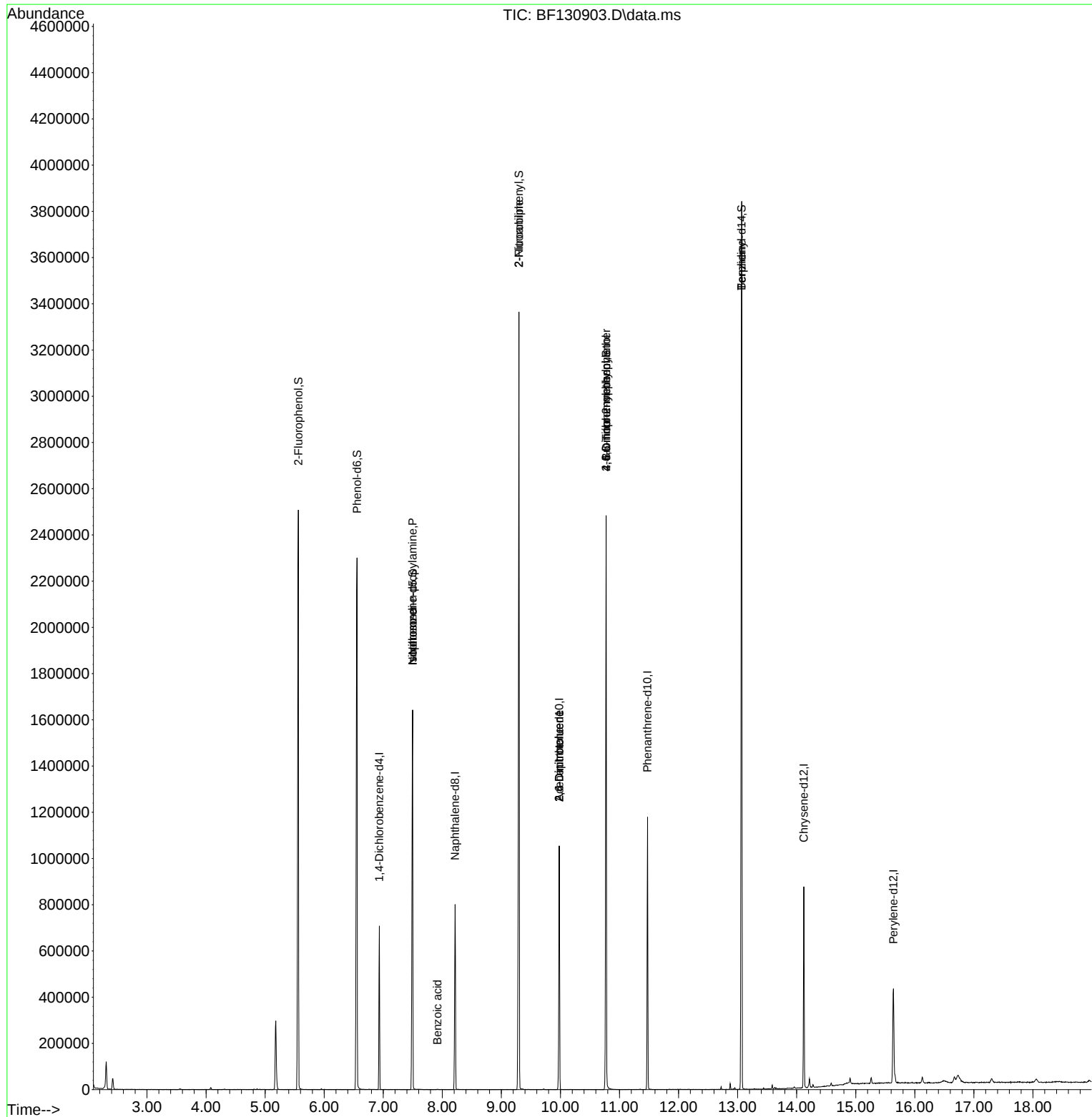
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	91902	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	356682	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	200806	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	393878	20.000	ng	0.00
76) Chrysene-d12	14.121	240	282825	20.000	ng	0.00
86) Perylene-d12	15.639	264	194042	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	652090	123.008	ng	0.01
7) Phenol-d6	6.557	99	831519	120.704	ng	0.00
23) Nitrobenzene-d5	7.498	82	573183	96.899	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	271919	160.862	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1082316	81.488	ng	0.00
79) Terphenyl-d14	13.068	244	1291450	83.674	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.498	70	79905	17.048	ng	# 77
25) Isophorone	7.498	82	570679	46.785	ng	# 66
32) Benzoic acid	7.916	122	417	7.777	ng	# 41
48) 2-Nitroaniline	9.298	65	2060	4.657	ng	# 1
51) 2,6-Dinitrotoluene	9.980	165	25411	11.917	ng	# 14
57) 2,4-Dinitrotoluene	9.980	165	25411	10.825	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.774	198	703	8.285	ng	# 1
67) 4-Bromophenyl-phenylether	10.774	248	17451	4.406	ng	# 1
77) Benzidine	13.068	184	19389	2.824	ng	# 94

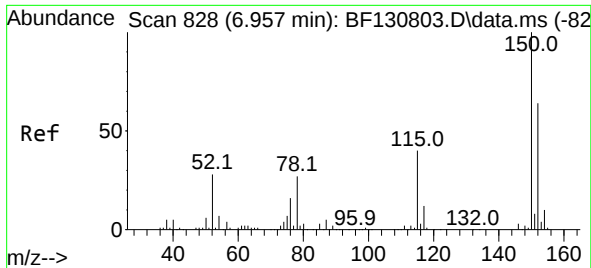
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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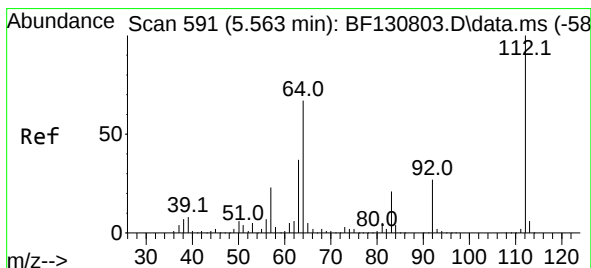
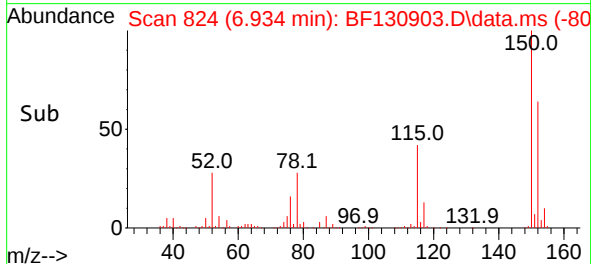
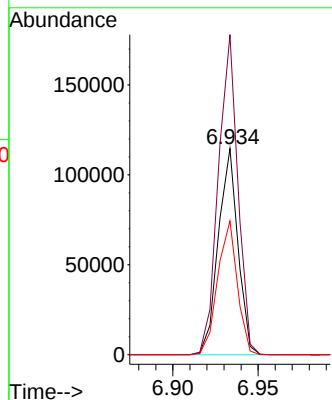
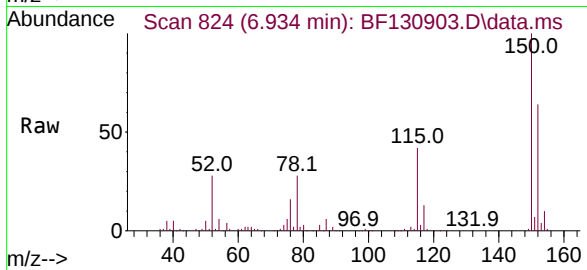




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF130903.D
Acq: 01 Nov 2022 16:37

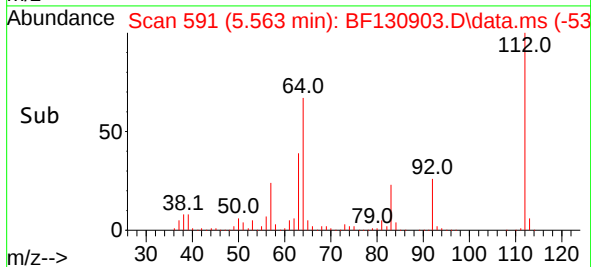
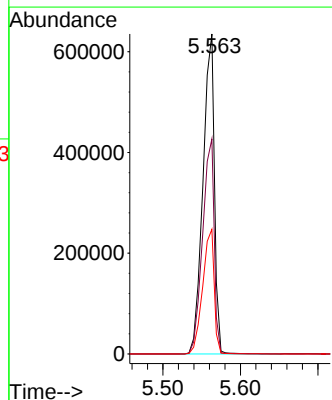
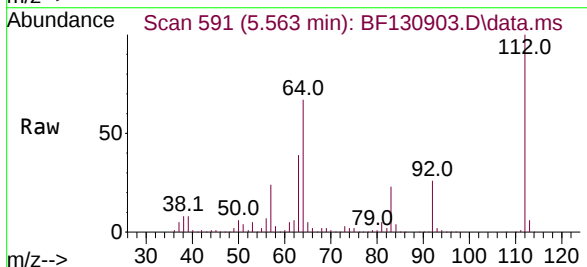
Instrument :
BNA_F
ClientSampleId :

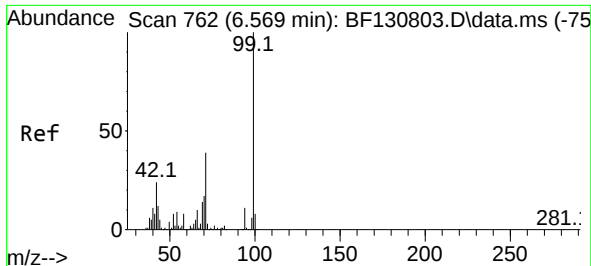
Tgt Ion:152 Resp: 91902
Ion Ratio Lower Upper
152 100
150 155.2 124.1 186.1
115 64.9 50.1 75.1



#5
2-Fluorophenol
Concen: 123.008 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.012 min
Lab File: BF130903.D
Acq: 01 Nov 2022 16:37

Tgt Ion:112 Resp: 652090
Ion Ratio Lower Upper
112 100
64 67.2 53.9 80.9
63 39.0 29.4 44.2

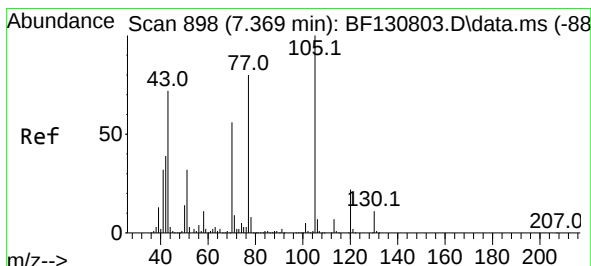
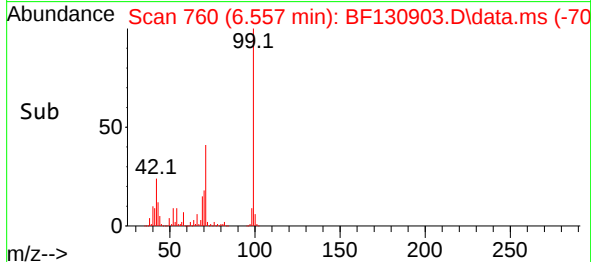
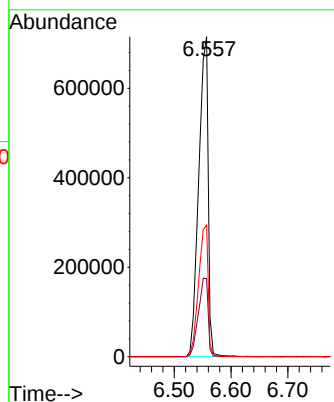
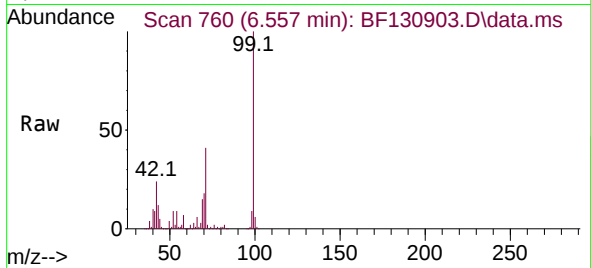




#7
Phenol-d6
Concen: 120.704 ng
RT: 6.557 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF130903.D
Acq: 01 Nov 2022 16:37

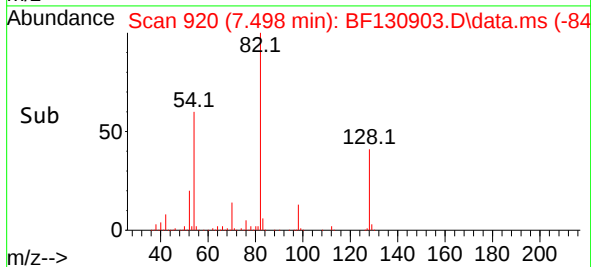
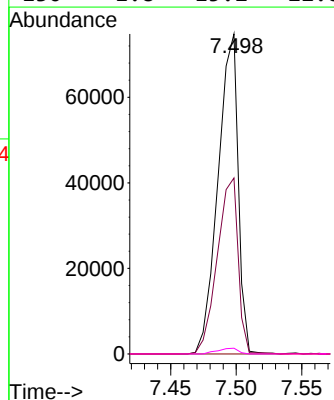
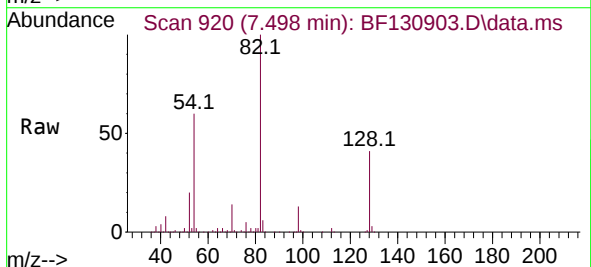
Instrument :
BNA_F
ClientSampleId :

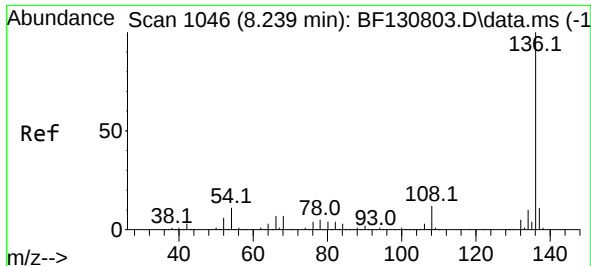
Tgt Ion: 99 Resp: 831519
Ion Ratio Lower Upper
99 100
42 24.4 18.8 28.2
71 41.1 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.048 ng
RT: 7.498 min Scan# 920
Delta R.T. 0.147 min
Lab File: BF130903.D
Acq: 01 Nov 2022 16:37

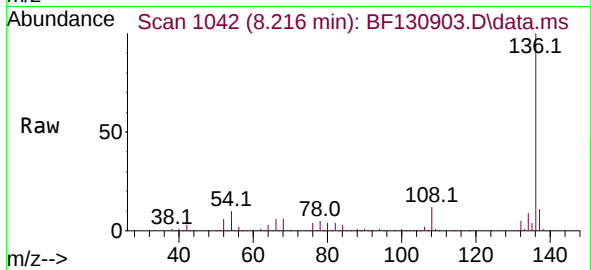
Tgt Ion: 70 Resp: 79905
Ion Ratio Lower Upper
70 100
42 55.0 56.1 84.1#
101 0.0 7.3 10.9#
130 1.8 15.2 22.8#



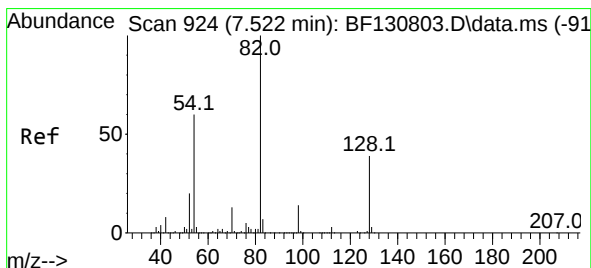
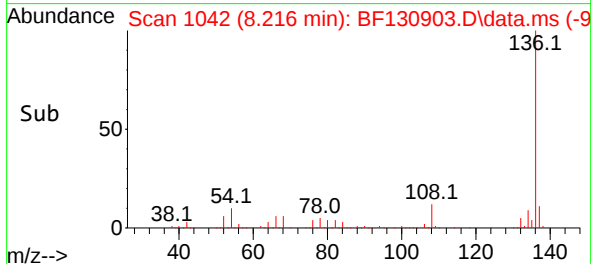
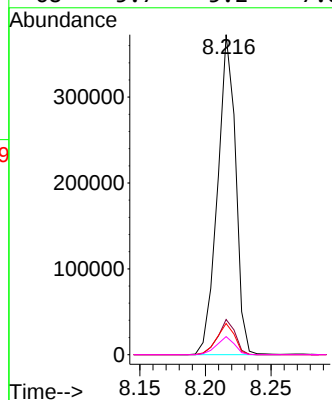


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF130903.D
Acq: 01 Nov 2022 16:37

Instrument :
BNA_F
ClientSampleId :

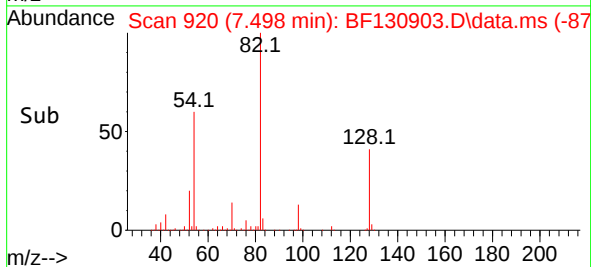
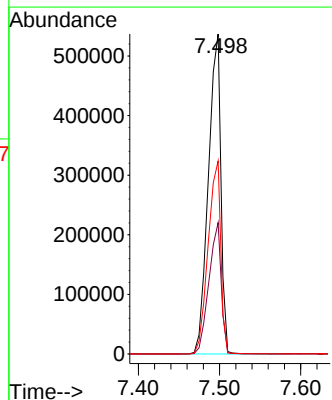
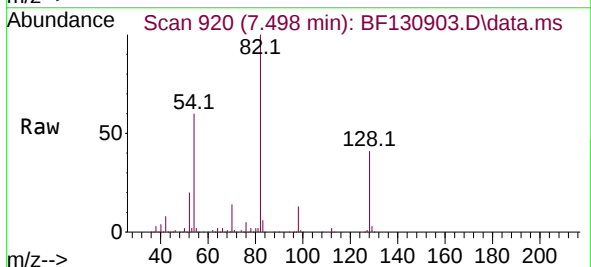


Tgt Ion:136 Resp: 356682
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 9.7 8.8 13.2
68 5.7 5.2 7.8



#23
Nitrobenzene-d5
Concen: 96.899 ng
RT: 7.498 min Scan# 920
Delta R.T. -0.006 min
Lab File: BF130903.D
Acq: 01 Nov 2022 16:37

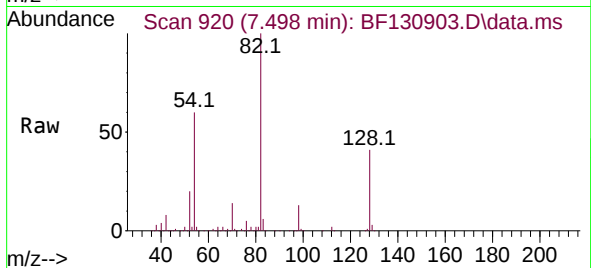
Tgt Ion: 82 Resp: 573183
Ion Ratio Lower Upper
82 100
128 41.0 31.2 46.8
54 60.3 48.0 72.0



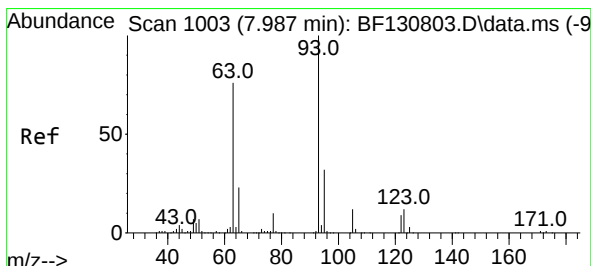
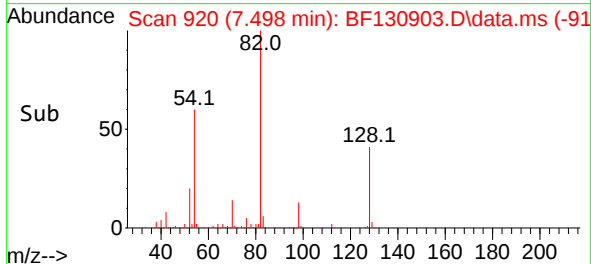
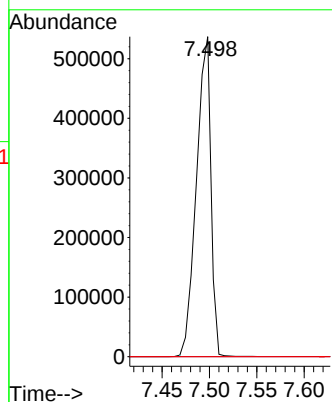


#25
Isophorone
Concen: 46.785 ng
RT: 7.498 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130903.D
Acq: 01 Nov 2022 16:37

Instrument :
BNA_F
ClientSampleId :

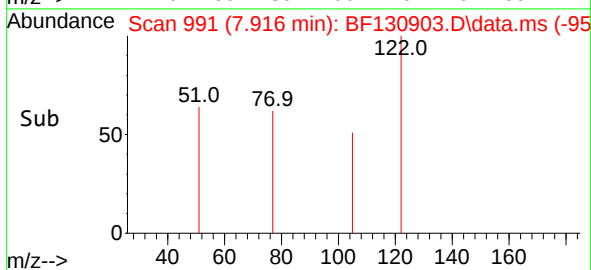
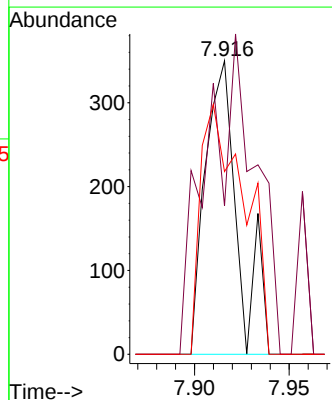
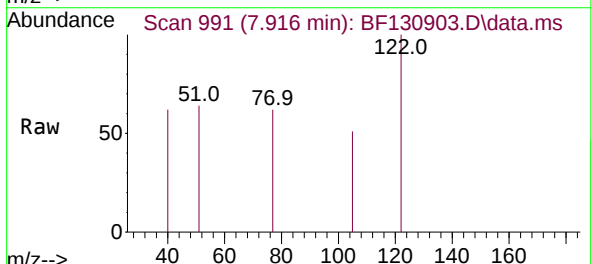


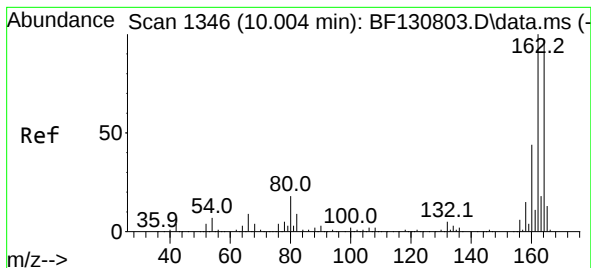
Tgt Ion: 82 Resp: 570679
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.777 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.065 min
Lab File: BF130903.D
Acq: 01 Nov 2022 16:37

Tgt Ion: 122 Resp: 417
Ion Ratio Lower Upper
122 100
105 50.6 114.5 154.5#
77 62.3 89.8 129.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.980 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130903.D

Acq: 01 Nov 2022 16:37

Instrument :

BNA_F

ClientSampleId :

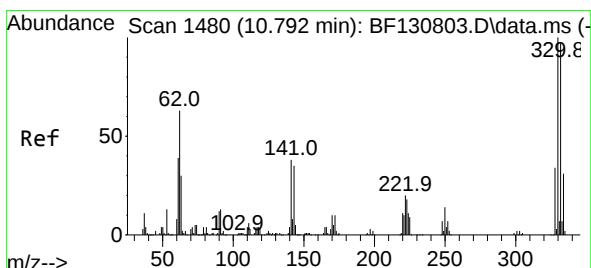
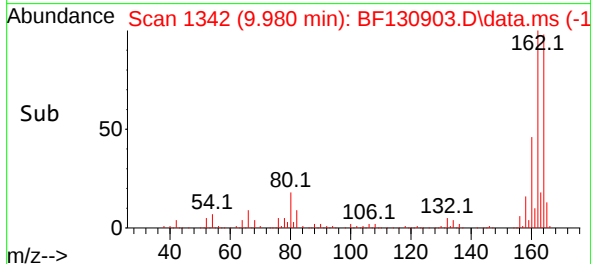
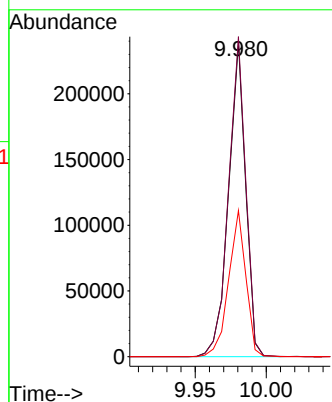
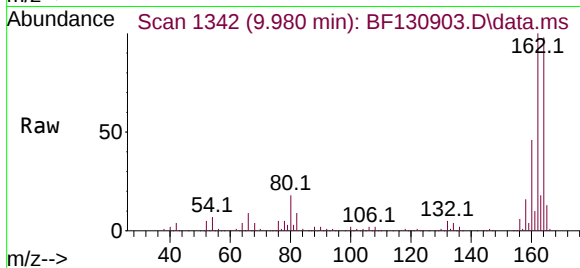
Tgt Ion:164 Resp: 200806

Ion Ratio Lower Upper

164 100

162 101.8 82.2 123.2

160 46.4 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 160.862 ng

RT: 10.774 min Scan# 1477

Delta R.T. -0.006 min

Lab File: BF130903.D

Acq: 01 Nov 2022 16:37

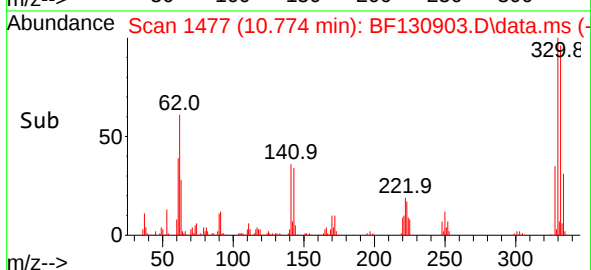
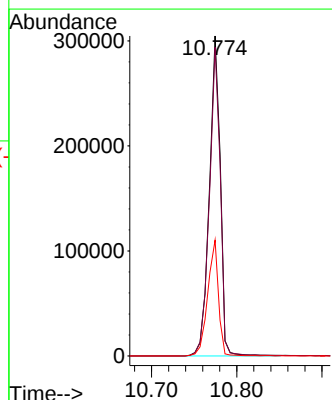
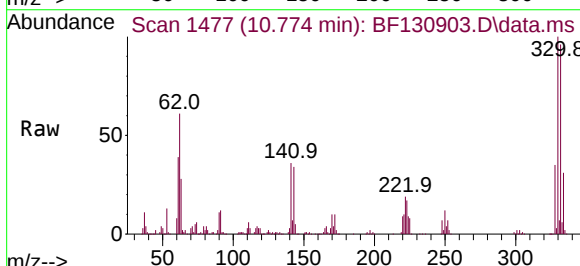
Tgt Ion:330 Resp: 271919

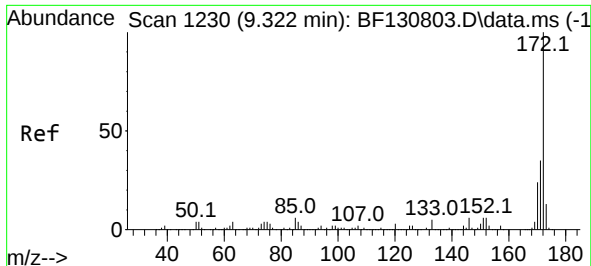
Ion Ratio Lower Upper

330 100

332 96.7 76.2 114.4

141 35.8 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 81.488 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BF130903.D

Acq: 01 Nov 2022 16:37

Instrument :

BNA_F

ClientSampleId :

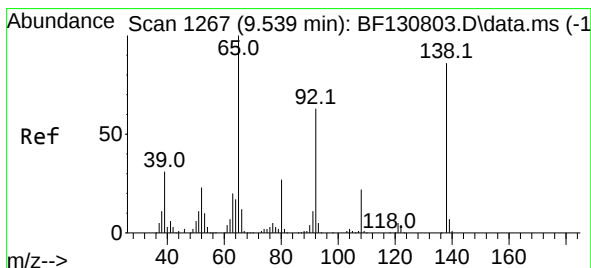
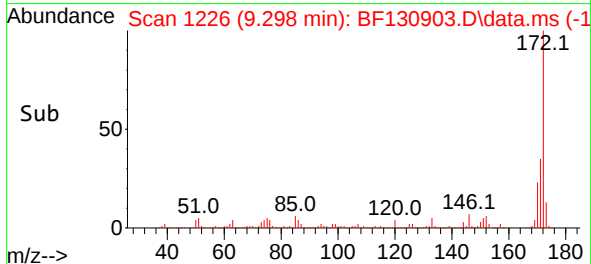
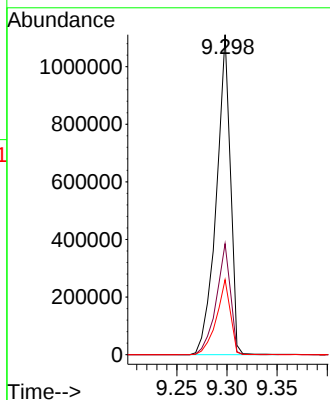
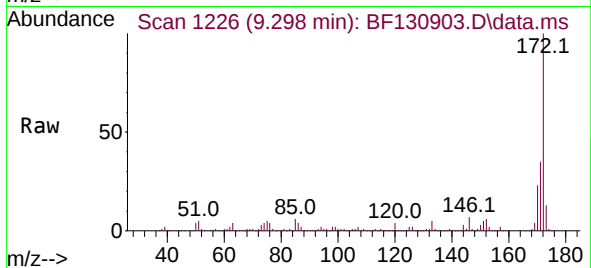
Tgt Ion:172 Resp: 1082316

Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 23.4 19.0 28.4



#48

2-Nitroaniline

Concen: 4.657 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.229 min

Lab File: BF130903.D

Acq: 01 Nov 2022 16:37

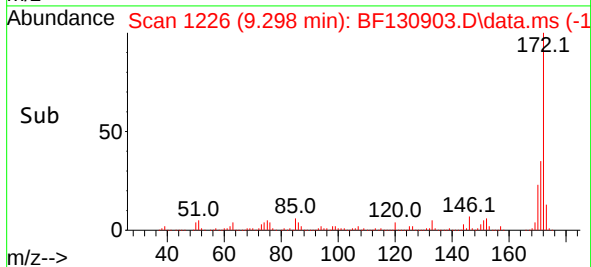
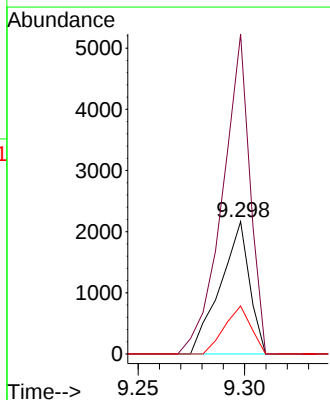
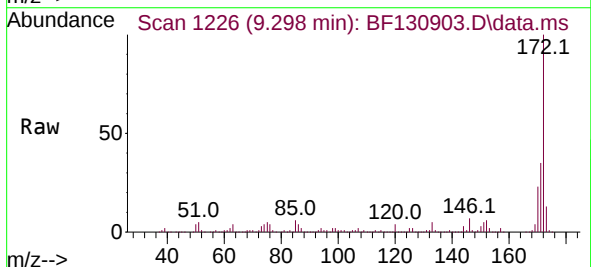
Tgt Ion: 65 Resp: 2060

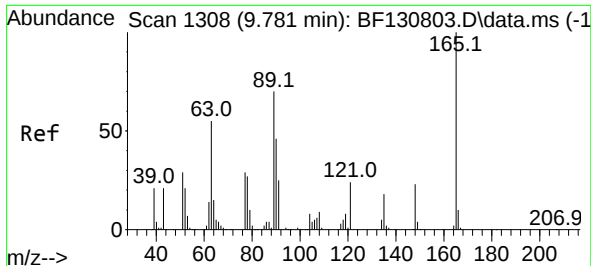
Ion Ratio Lower Upper

65 100

92 241.7 50.1 75.1#

138 36.2 69.2 103.8#

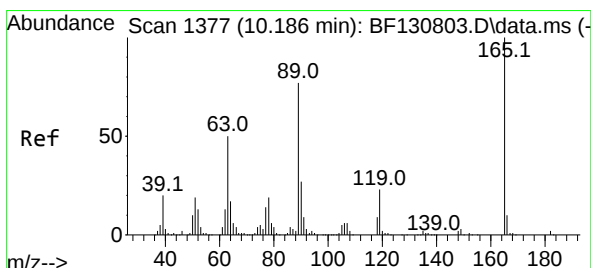
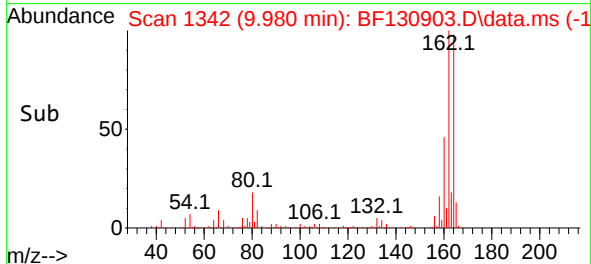
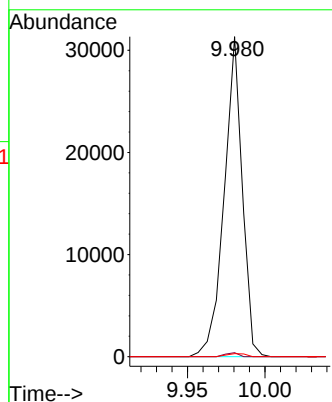
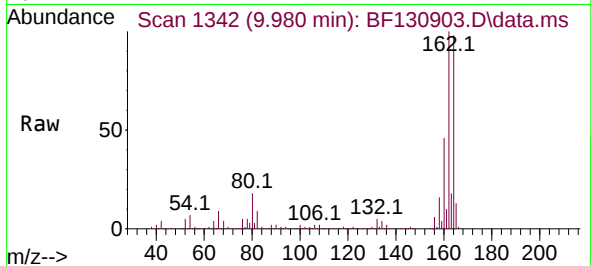




#51
2,6-Dinitrotoluene
Concen: 11.917 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.212 min
Lab File: BF130903.D
Acq: 01 Nov 2022 16:37

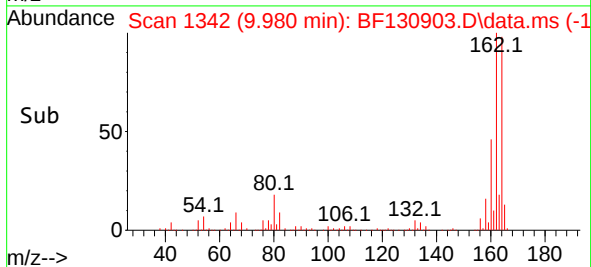
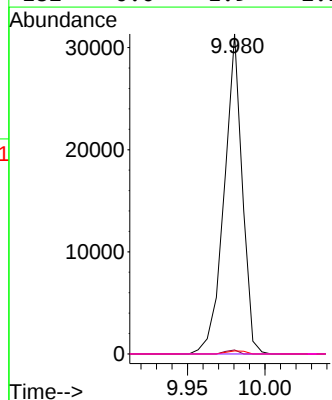
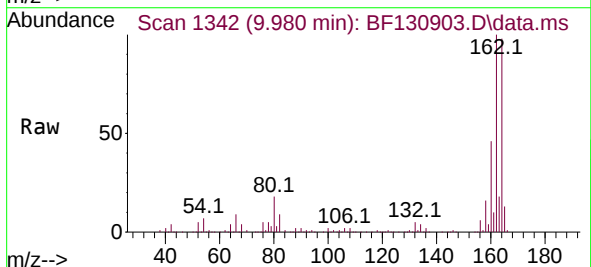
Instrument :
BNA_F
ClientSampleId :

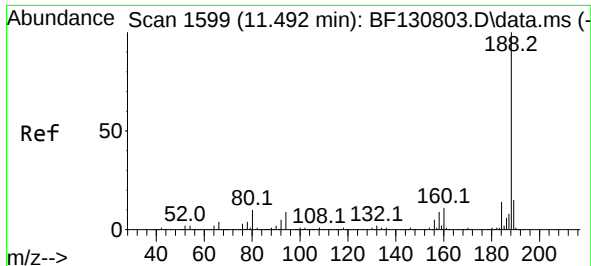
Tgt Ion:165 Resp: 25411
Ion Ratio Lower Upper
165 100
63 1.2 61.8 92.8#
89 1.0 56.2 84.4#



#57
2,4-Dinitrotoluene
Concen: 10.825 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.194 min
Lab File: BF130903.D
Acq: 01 Nov 2022 16:37

Tgt Ion:165 Resp: 25411
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.0 61.9 92.9#
182 0.0 1.9 2.9#

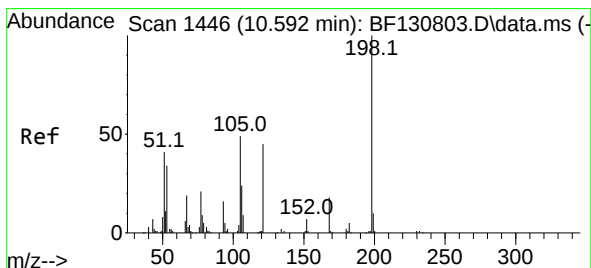
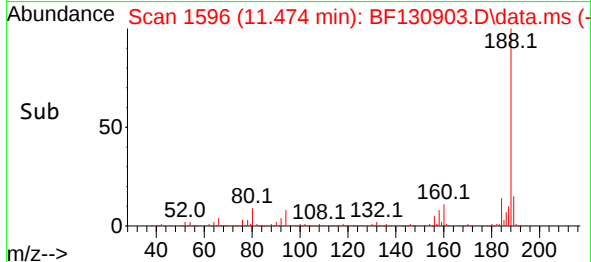
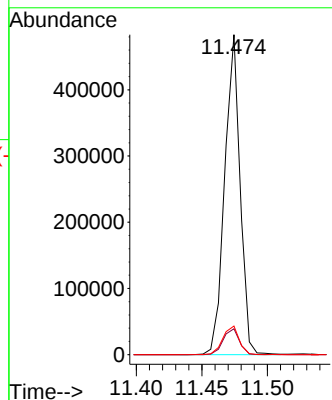
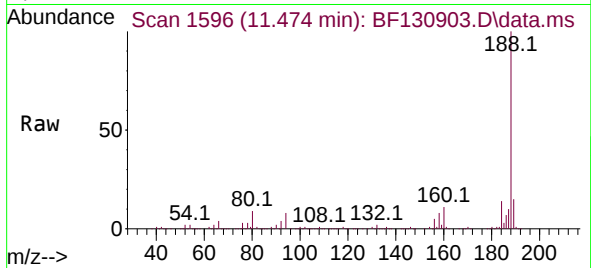




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130903.D
Acq: 01 Nov 2022 16:37

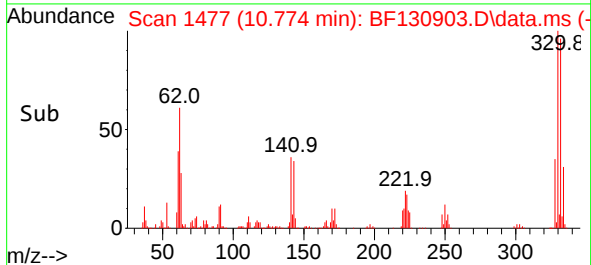
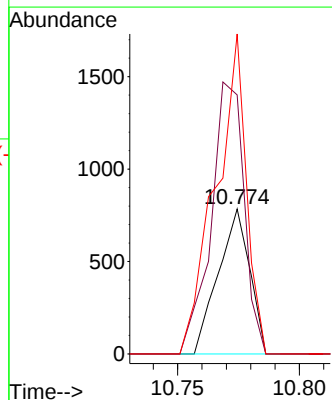
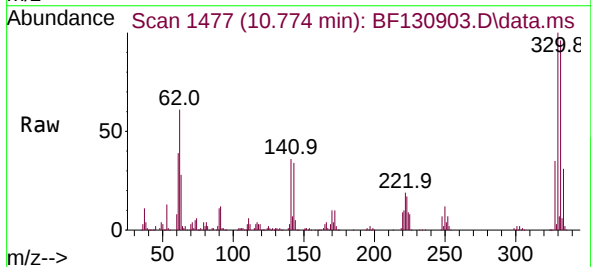
Instrument :
BNA_F
ClientSampleId :

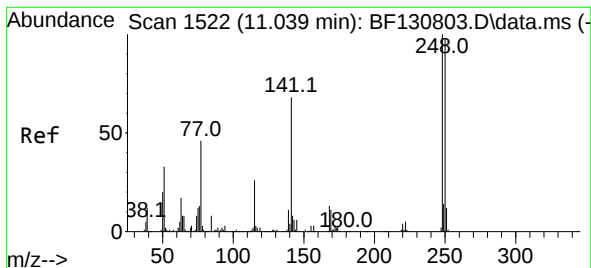
Tgt Ion:188 Resp: 393878
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 8.9 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 8.285 ng
RT: 10.774 min Scan# 1477
Delta R.T. 0.194 min
Lab File: BF130903.D
Acq: 01 Nov 2022 16:37

Tgt Ion:198 Resp: 703
Ion Ratio Lower Upper
198 100
51 178.7 39.0 79.0#
105 220.8 30.6 70.6#

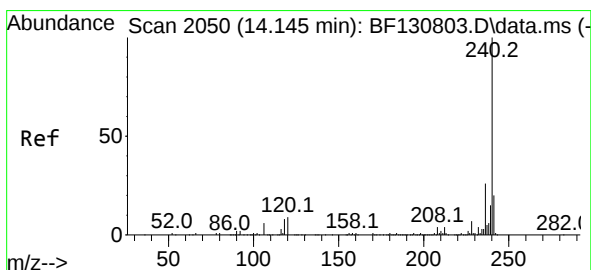
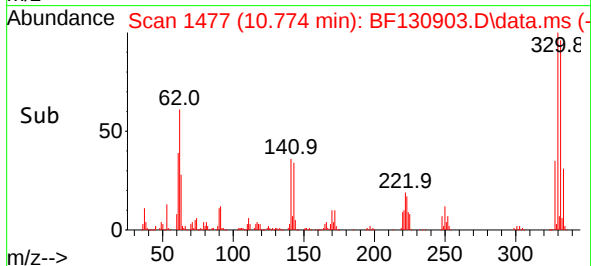
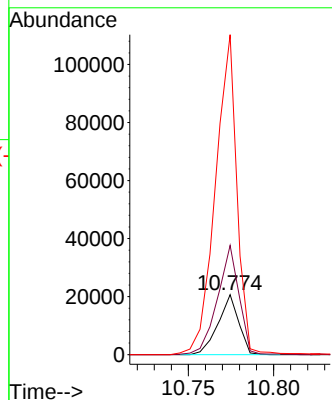
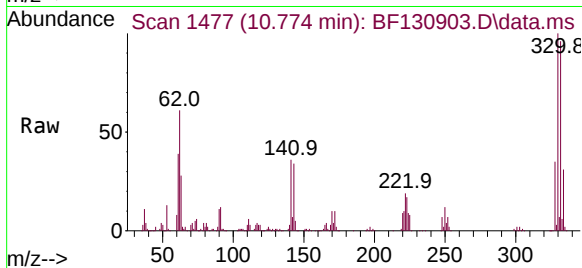




#67
4-Bromophenyl-phenylether
Concen: 4.406 ng
RT: 10.774 min Scan# 1477
Delta R.T. -0.247 min
Lab File: BF130903.D
Acq: 01 Nov 2022 16:37

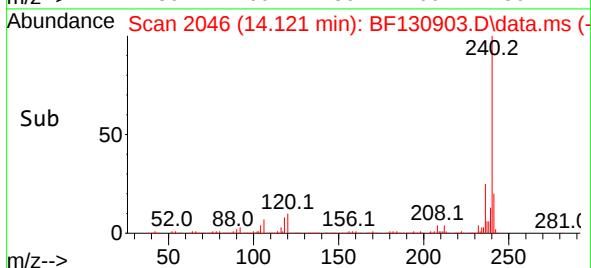
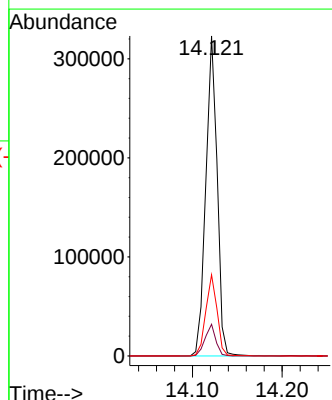
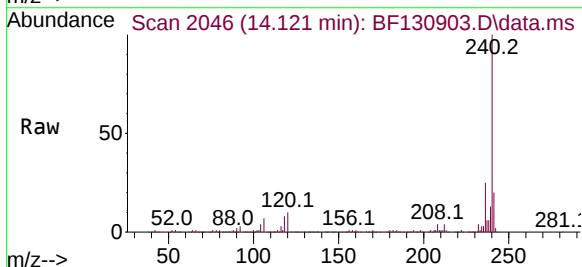
Instrument :
BNA_F
ClientSampleId :

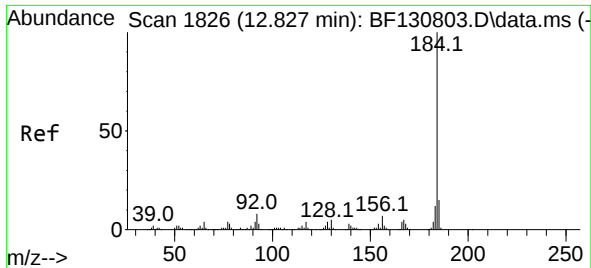
Tgt Ion:248 Resp: 17451
Ion Ratio Lower Upper
248 100
250 182.1 78.6 117.8#
141 533.0 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BF130903.D
Acq: 01 Nov 2022 16:37

Tgt Ion:240 Resp: 282825
Ion Ratio Lower Upper
240 100
120 9.9 7.0 10.4
236 25.4 20.5 30.7

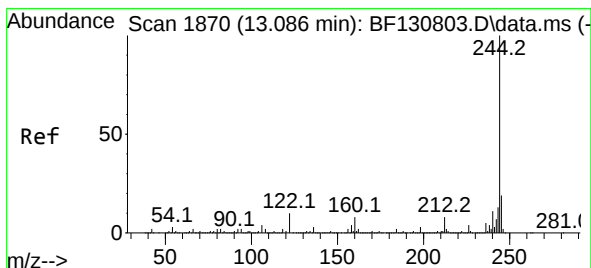
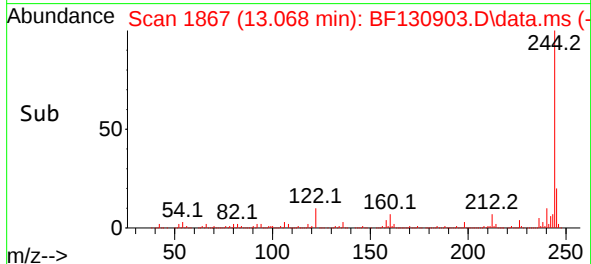
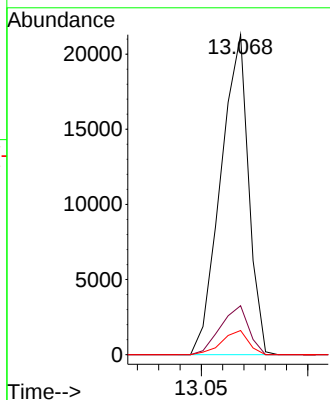
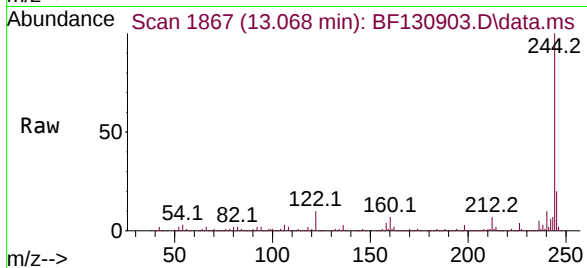




#77
Benzidine
Concen: 2.824 ng
RT: 13.068 min Scan# 1867
Delta R.T. 0.253 min
Lab File: BF130903.D
Acq: 01 Nov 2022 16:37

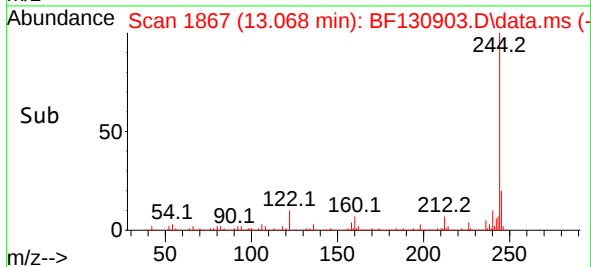
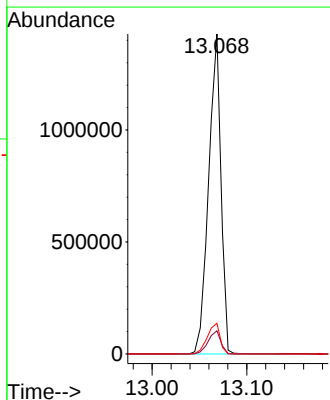
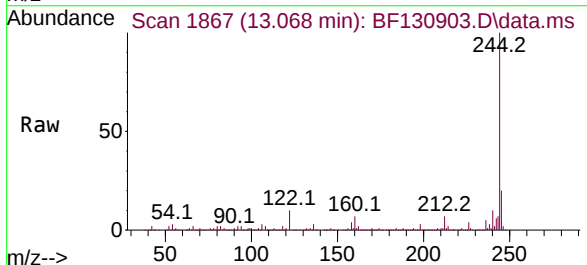
Instrument :
BNA_F
ClientSampleId :

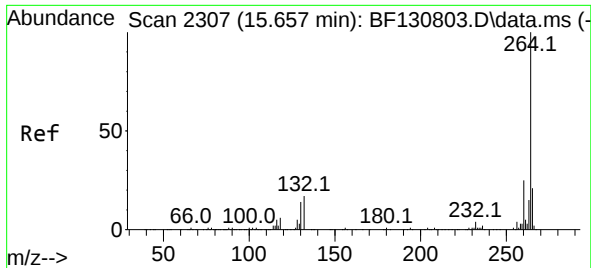
Tgt Ion:184 Resp: 19389
Ion Ratio Lower Upper
184 100
185 15.3 11.8 17.8
183 7.5 9.7 14.5#



#79
Terphenyl-d14
Concen: 83.674 ng
RT: 13.068 min Scan# 1867
Delta R.T. -0.000 min
Lab File: BF130903.D
Acq: 01 Nov 2022 16:37

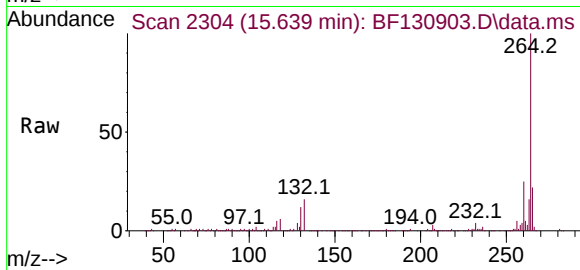
Tgt Ion:244 Resp: 1291450
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.2
122 9.6 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130903.D
Acq: 01 Nov 2022 16:37

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 194042
Ion Ratio Lower Upper
264 100
260 24.6 19.9 29.9
265 21.6 17.0 25.6

