

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
 Data File : BF130900.D
 Acq On : 01 Nov 2022 14:49
 Operator : CG\JU
 Sample : N5341-01RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 08:20:32 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)

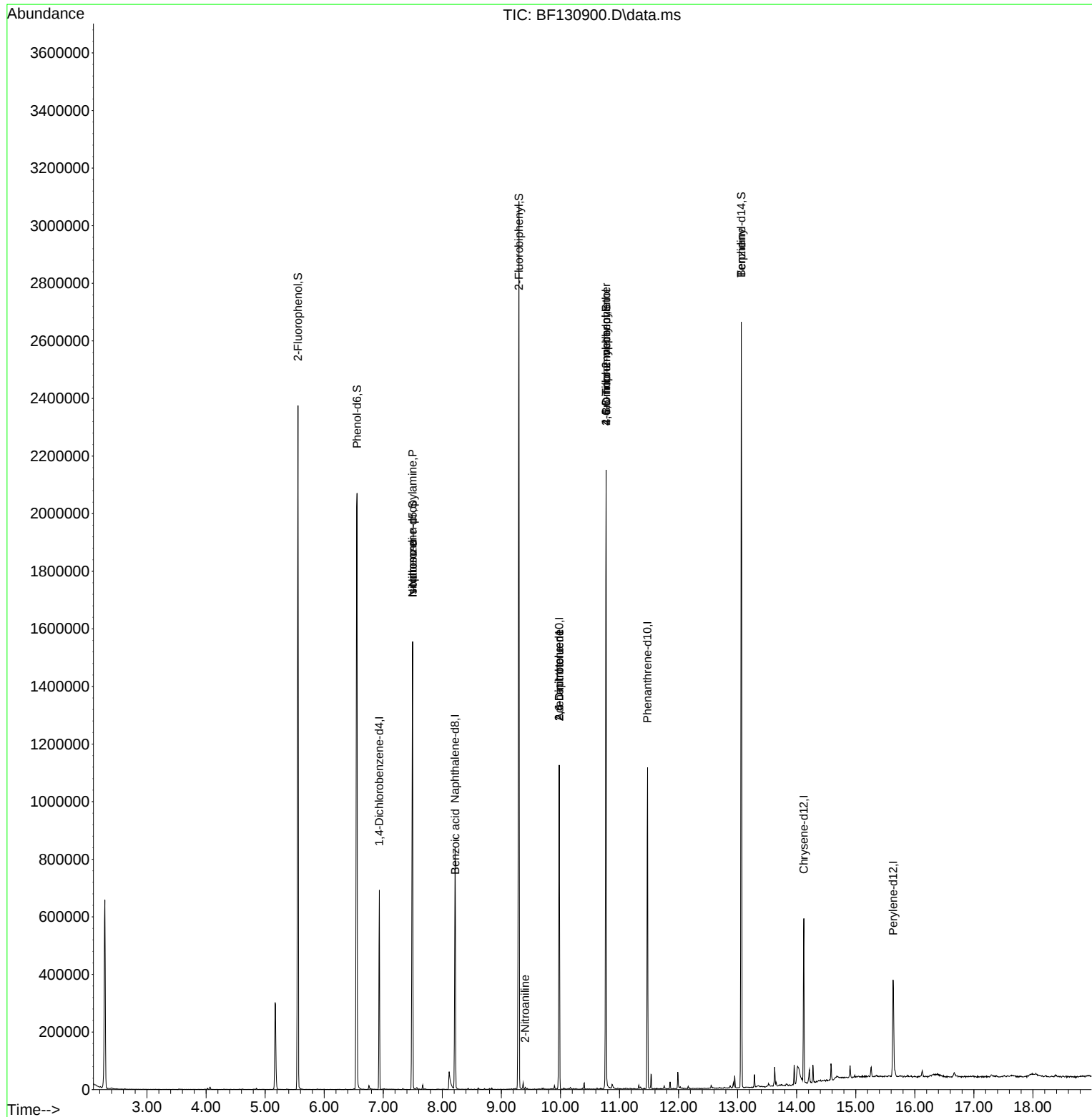
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	87961	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	355030	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	209793	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	377705	20.000	ng	# 0.00
76) Chrysene-d12	14.121	240	186878	20.000	ng	0.00
86) Perylene-d12	15.633	264	152757	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	585593	115.414	ng	0.00
7) Phenol-d6	6.557	99	764489	115.946	ng	0.00
23) Nitrobenzene-d5	7.498	82	528152	89.702	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	235990	133.627	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	955601	68.866	ng	0.00
79) Terphenyl-d14	13.063	244	878913	86.183	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.498	70	74134	16.525	ng	# 77
25) Isophorone	7.498	82	526519	43.365	ng	# 66
32) Benzoic acid	8.222	122	55	7.693	ng	# 1
48) 2-Nitroaniline	9.404	65	69	4.163	ng	# 12
51) 2,6-Dinitrotoluene	9.980	165	26575	11.927	ng	# 14
57) 2,4-Dinitrotoluene	9.980	165	26575	10.832	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.775	198	567	8.228	ng	# 1
67) 4-Bromophenyl-phenylether	10.775	248	15722	4.139	ng	# 1
77) Benzidine	13.063	184	13488	2.973	ng	# 89

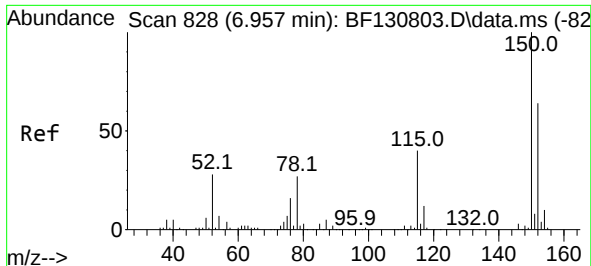
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
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BNA_F
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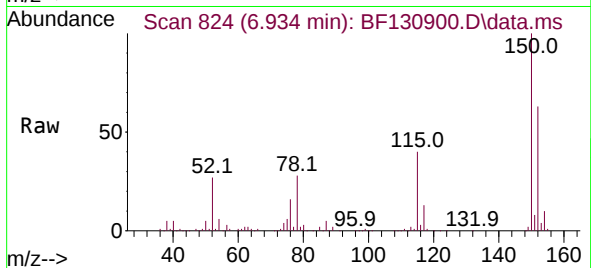
Quant Time: Nov 02 08:20:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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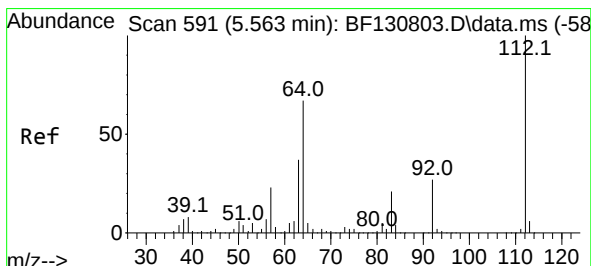
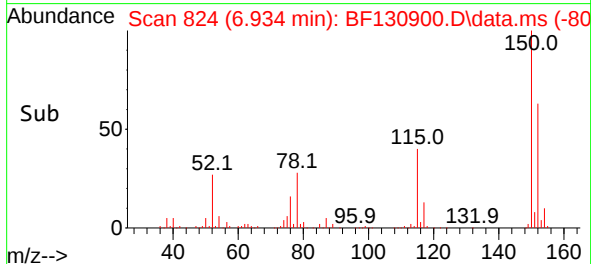
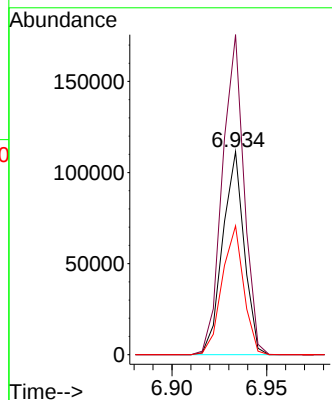


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF130900.D
Acq: 01 Nov 2022 14:49

Instrument :
BNA_F
ClientSampleId :

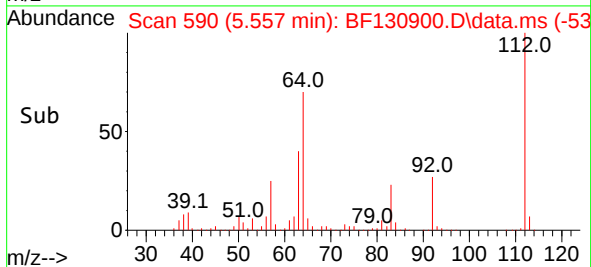
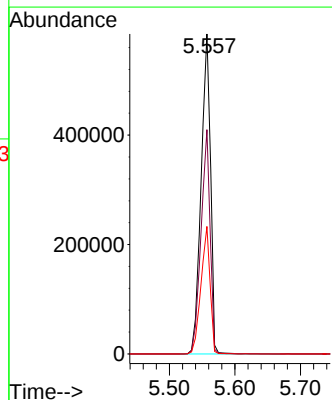
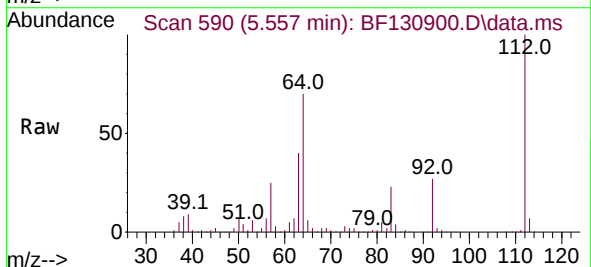


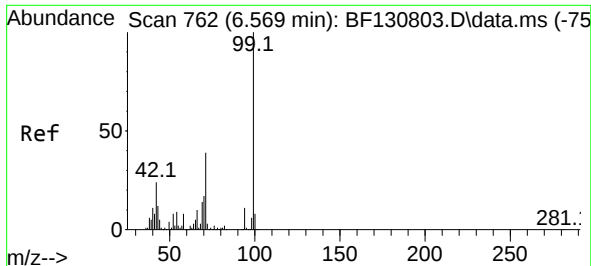
Tgt Ion:152 Resp: 87961
Ion Ratio Lower Upper
152 100
150 157.6 124.1 186.1
115 63.5 50.1 75.1



#5
2-Fluorophenol
Concen: 115.414 ng
RT: 5.557 min Scan# 590
Delta R.T. 0.006 min
Lab File: BF130900.D
Acq: 01 Nov 2022 14:49

Tgt Ion:112 Resp: 585593
Ion Ratio Lower Upper
112 100
64 70.1 53.9 80.9
63 39.9 29.4 44.2

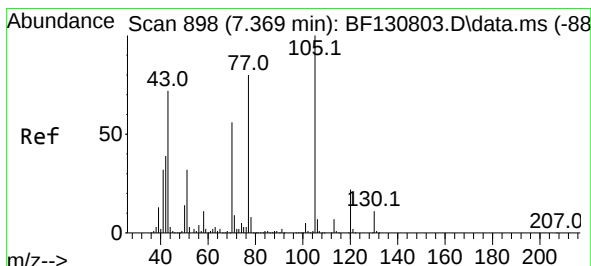
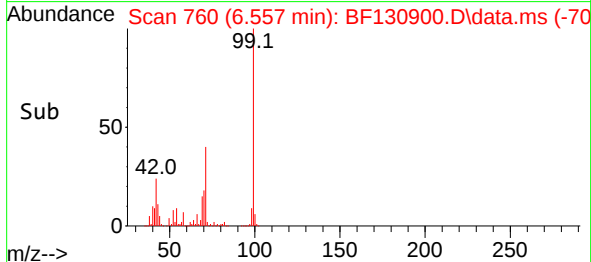
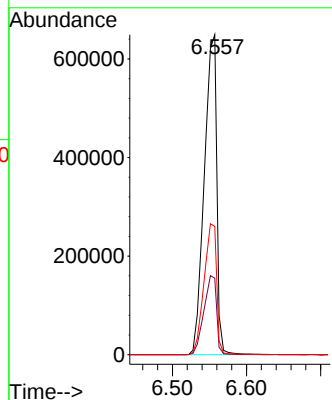
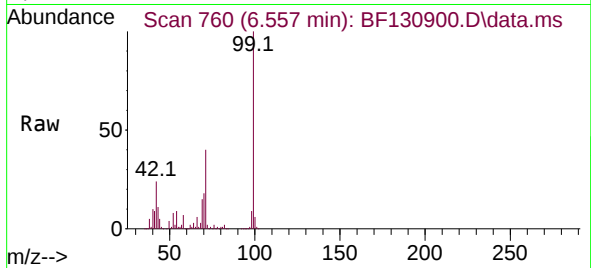




#7
Phenol-d6
Concen: 115.946 ng
RT: 6.557 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF130900.D
Acq: 01 Nov 2022 14:49

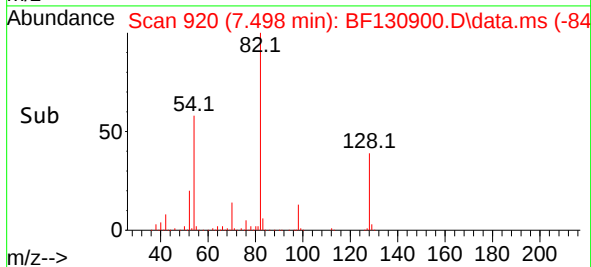
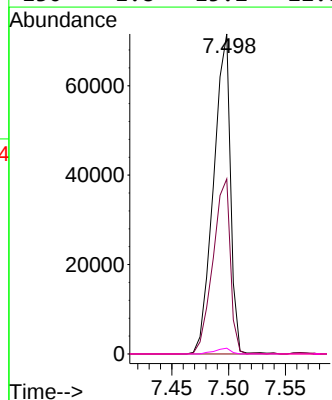
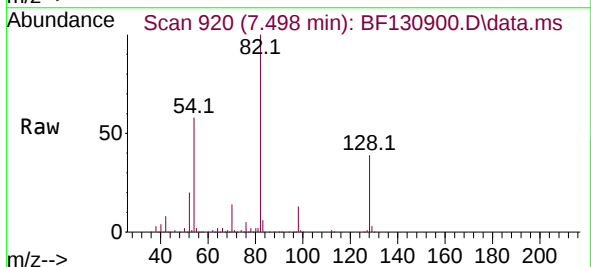
Instrument :
BNA_F
ClientSampleId :

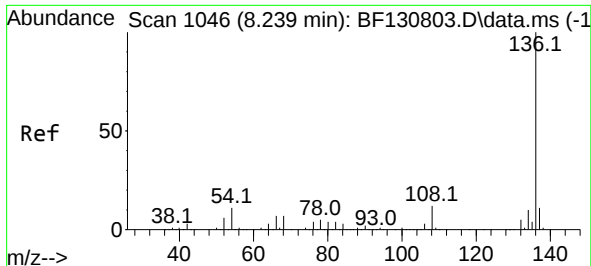
Tgt Ion: 99 Resp: 764489
Ion Ratio Lower Upper
99 100
42 23.9 18.8 28.2
71 40.1 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.525 ng
RT: 7.498 min Scan# 920
Delta R.T. 0.147 min
Lab File: BF130900.D
Acq: 01 Nov 2022 14:49

Tgt Ion: 70 Resp: 74134
Ion Ratio Lower Upper
70 100
42 54.7 56.1 84.1#
101 0.0 7.3 10.9#
130 1.8 15.2 22.8#



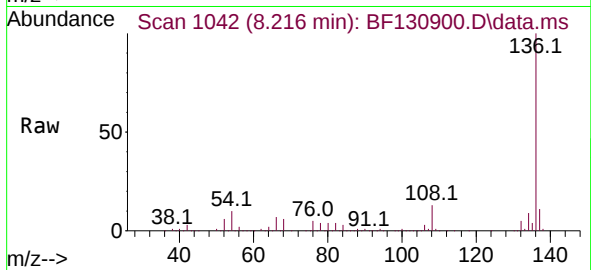


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF130900.D
Acq: 01 Nov 2022 14:49

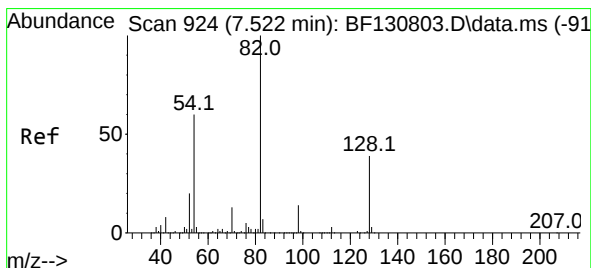
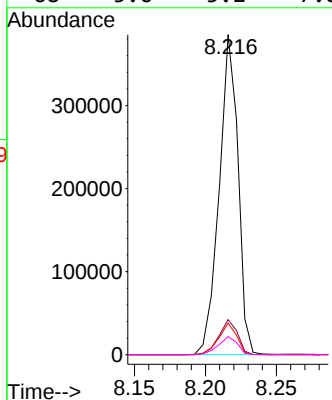
Instrument :

BNA_F

ClientSampleId :

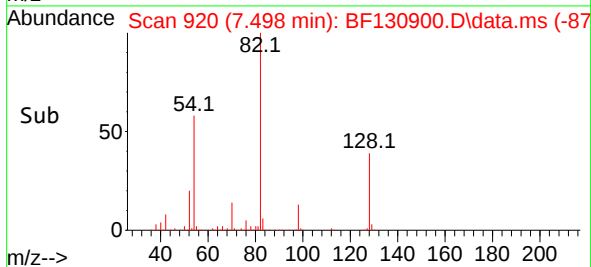
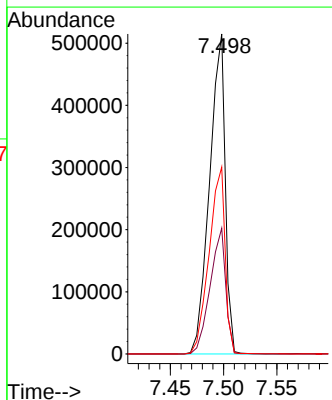
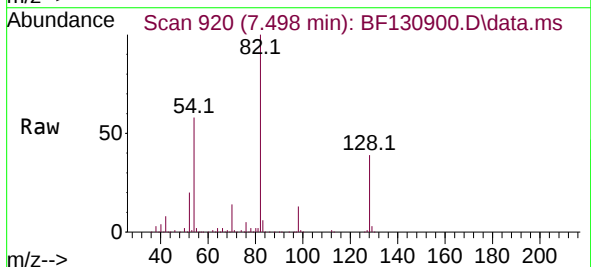


Tgt Ion:136	Resp: 355030
Ion Ratio	Lower Upper
136	100
137	11.0 9.2 13.8
54	9.9 8.8 13.2
68	5.6 5.2 7.8



#23
Nitrobenzene-d5
Concen: 89.702 ng
RT: 7.498 min Scan# 920
Delta R.T. -0.006 min
Lab File: BF130900.D
Acq: 01 Nov 2022 14:49

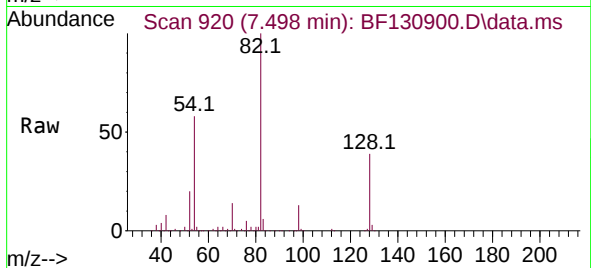
Tgt Ion: 82	Resp: 528152
Ion Ratio	Lower Upper
82	100
128	39.3 31.2 46.8
54	58.4 48.0 72.0



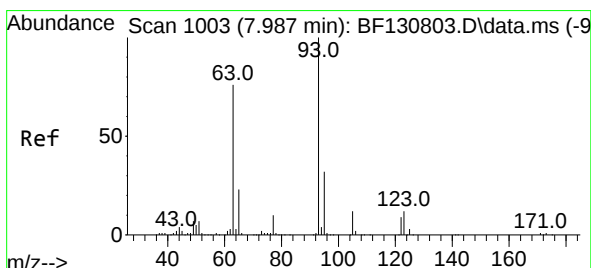
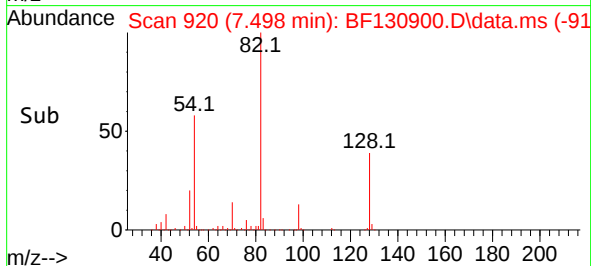
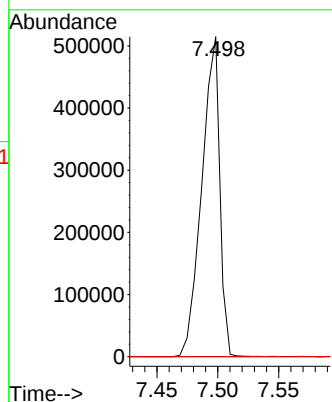


#25
Isophorone
Concen: 43.365 ng
RT: 7.498 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130900.D
Acq: 01 Nov 2022 14:49

Instrument :
BNA_F
ClientSampleId :

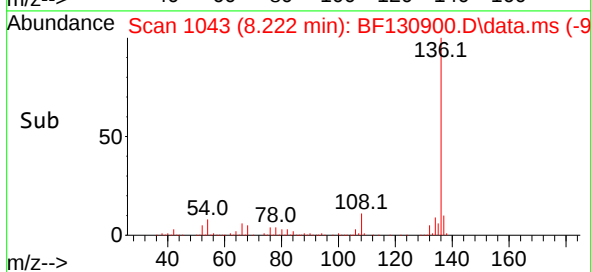
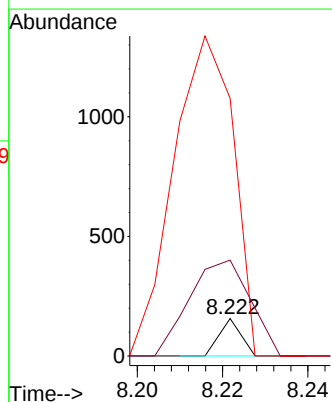
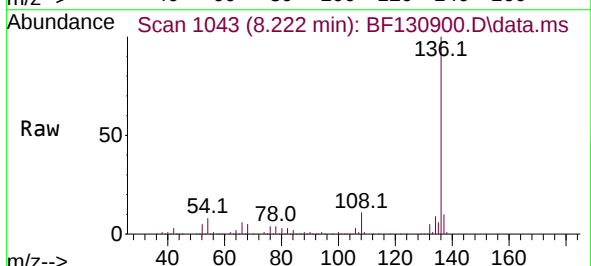


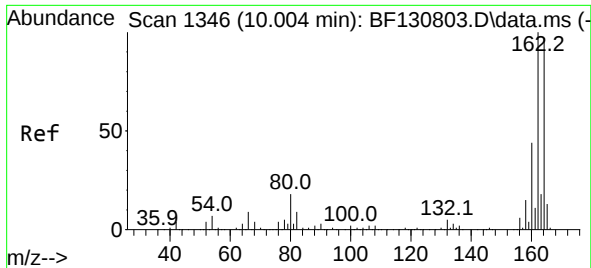
Tgt Ion: 82 Resp: 526519
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.693 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.241 min
Lab File: BF130900.D
Acq: 01 Nov 2022 14:49

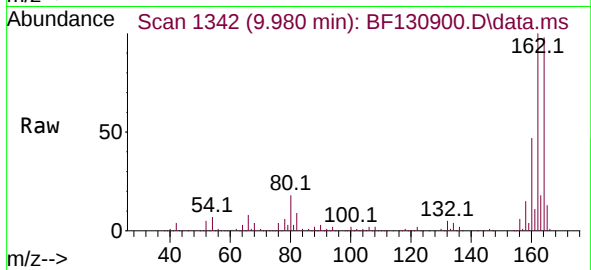
Tgt Ion: 122 Resp: 55
Ion Ratio Lower Upper
122 100
105 255.4 114.5 154.5#
77 686.0 89.8 129.8#



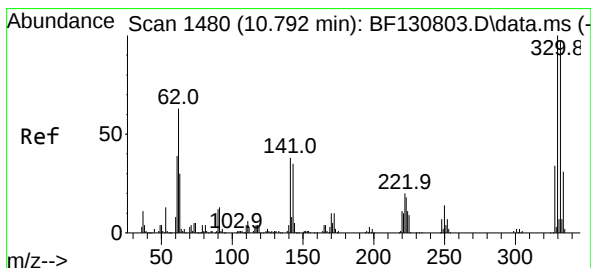
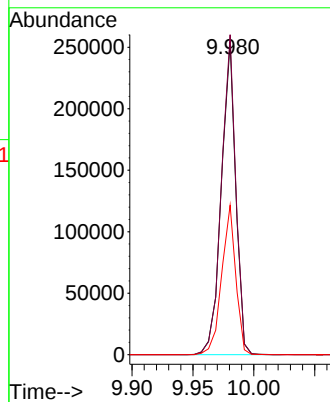
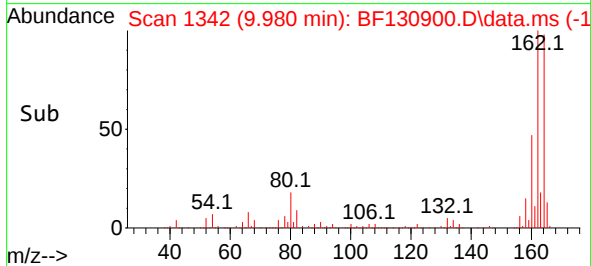


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130900.D
Acq: 01 Nov 2022 14:49

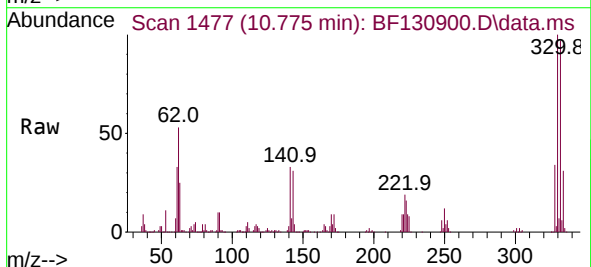
Instrument :
BNA_F
ClientSampleId :



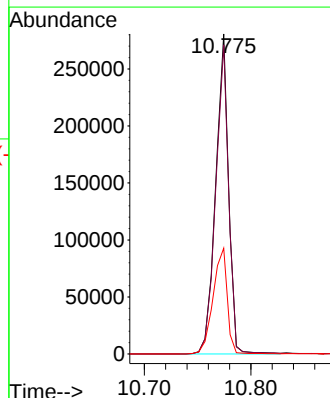
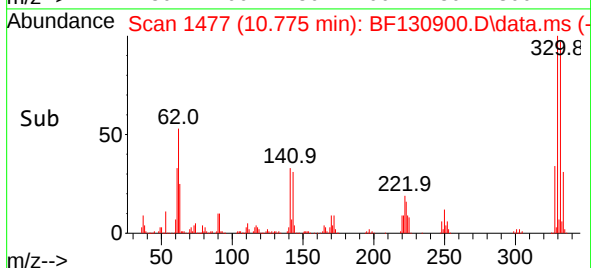
Tgt Ion:164 Resp: 209793
Ion Ratio Lower Upper
164 100
162 102.3 82.2 123.2
160 47.8 36.6 54.8

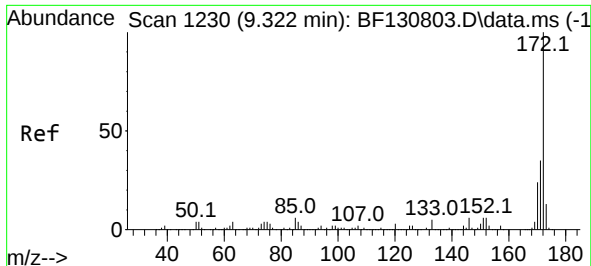


#42
2,4,6-Tribromophenol
Concen: 133.627 ng
RT: 10.775 min Scan# 1477
Delta R.T. -0.006 min
Lab File: BF130900.D
Acq: 01 Nov 2022 14:49



Tgt Ion:330 Resp: 235990
Ion Ratio Lower Upper
330 100
332 97.3 76.2 114.4
141 36.5 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 68.866 ng

RT: 9.298 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130900.D

Acq: 01 Nov 2022 14:49

Instrument :

BNA_F

ClientSampleId :

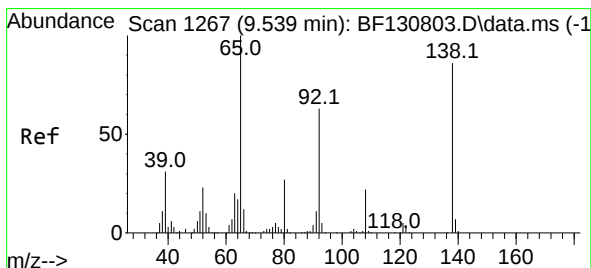
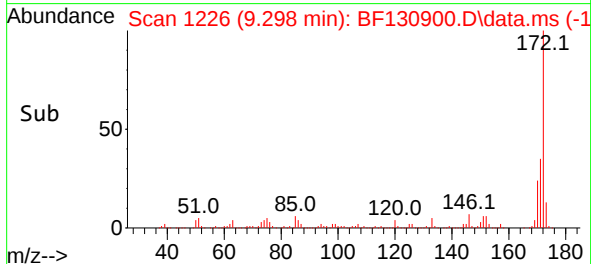
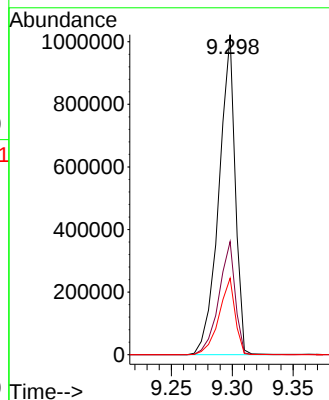
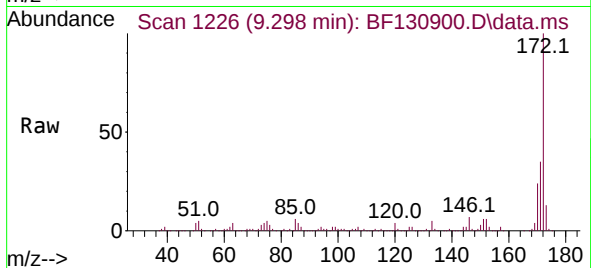
Tgt Ion:172 Resp: 955601

Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 23.9 19.0 28.4



#48

2-Nitroaniline

Concen: 4.163 ng

RT: 9.404 min Scan# 1244

Delta R.T. -0.124 min

Lab File: BF130900.D

Acq: 01 Nov 2022 14:49

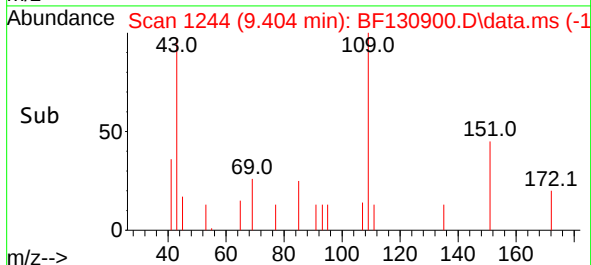
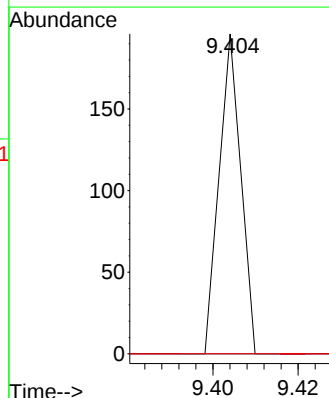
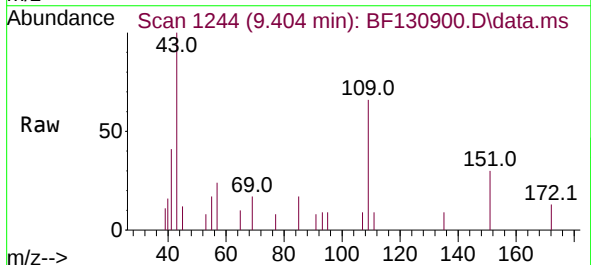
Tgt Ion: 65 Resp: 69

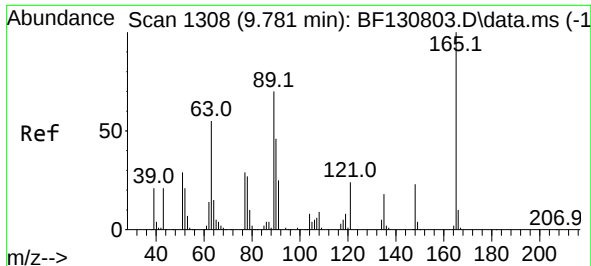
Ion Ratio Lower Upper

65 100

92 0.0 50.1 75.1#

138 0.0 69.2 103.8#

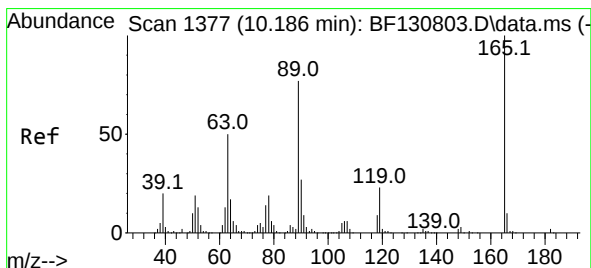
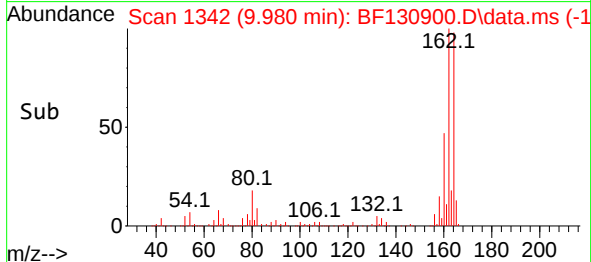
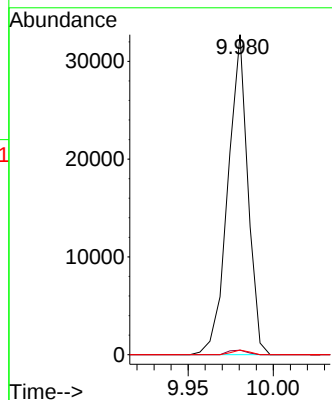
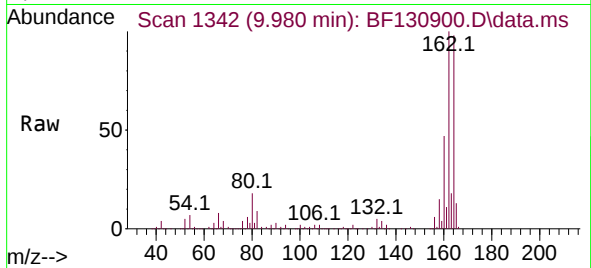




#51
2,6-Dinitrotoluene
Concen: 11.927 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.212 min
Lab File: BF130900.D
Acq: 01 Nov 2022 14:49

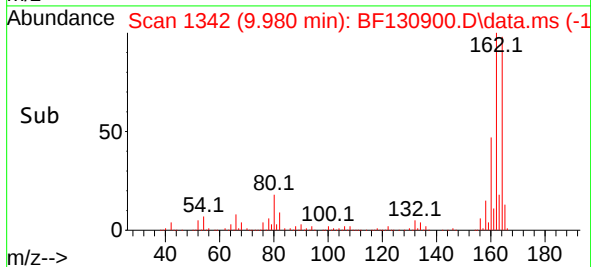
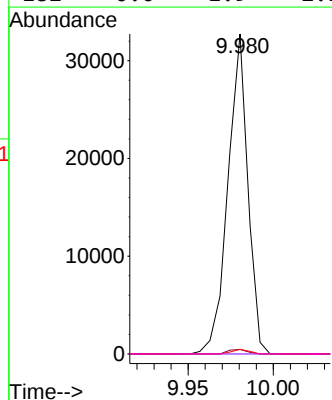
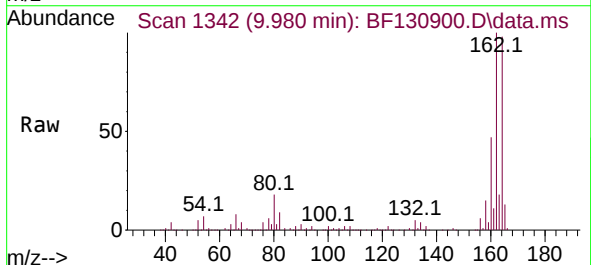
Instrument :
BNA_F
ClientSampleId :

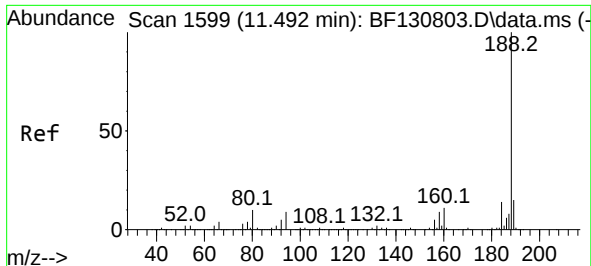
Tgt Ion:165 Resp: 26575
Ion Ratio Lower Upper
165 100
63 1.4 61.8 92.8#
89 1.5 56.2 84.4#



#57
2,4-Dinitrotoluene
Concen: 10.832 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.194 min
Lab File: BF130900.D
Acq: 01 Nov 2022 14:49

Tgt Ion:165 Resp: 26575
Ion Ratio Lower Upper
165 100
63 1.4 39.8 59.6#
89 1.5 61.9 92.9#
182 0.0 1.9 2.9#

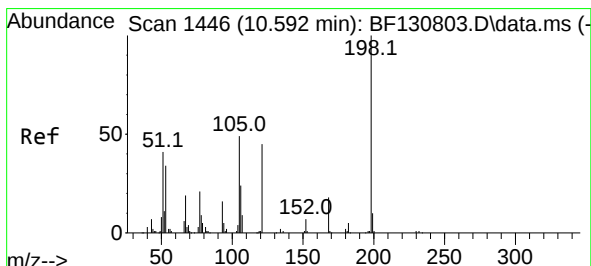
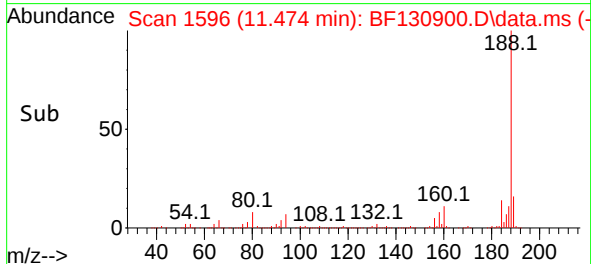
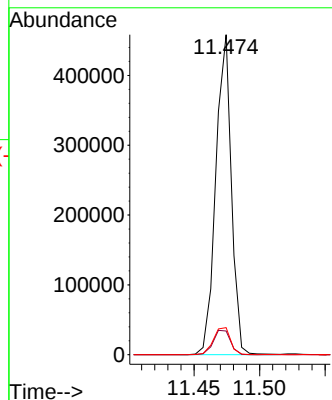
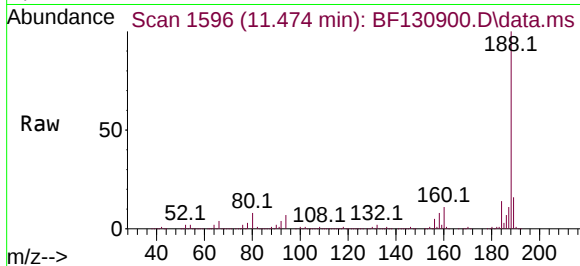




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130900.D
Acq: 01 Nov 2022 14:49

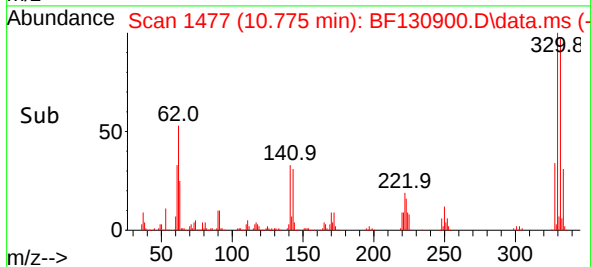
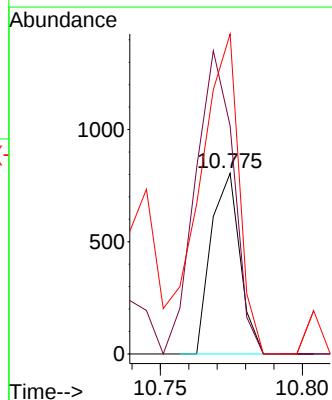
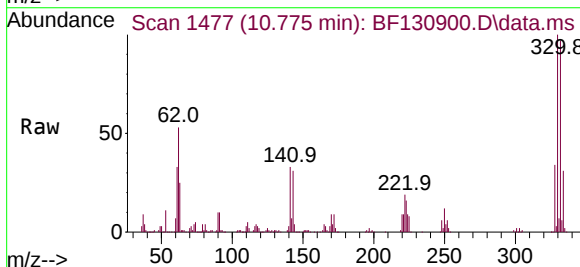
Instrument :
BNA_F
ClientSampleId :

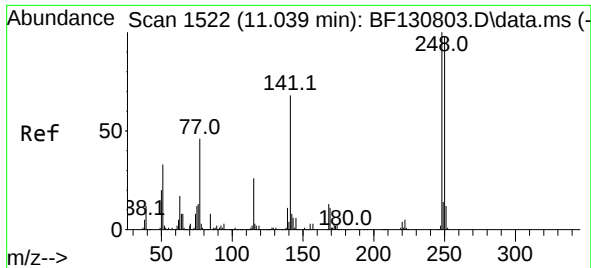
Tgt Ion:188 Resp: 377705
Ion Ratio Lower Upper
188 100
94 7.4 7.4 11.2#
80 8.5 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 8.228 ng
RT: 10.775 min Scan# 1477
Delta R.T. 0.194 min
Lab File: BF130900.D
Acq: 01 Nov 2022 14:49

Tgt Ion:198 Resp: 567
Ion Ratio Lower Upper
198 100
51 126.3 39.0 79.0#
105 177.1 30.6 70.6#

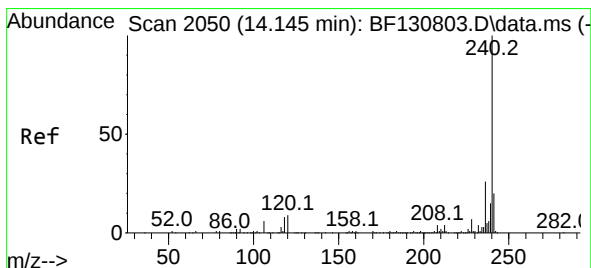
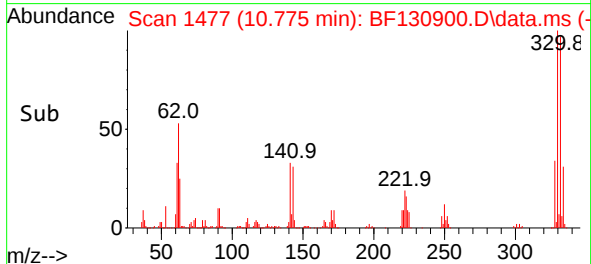
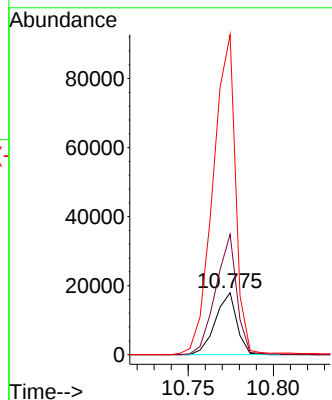
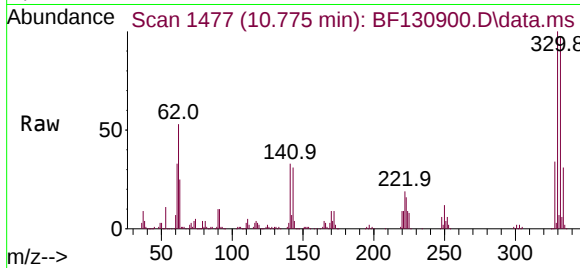




#67
4-Bromophenyl-phenylether
Concen: 4.139 ng
RT: 10.775 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF130900.D
Acq: 01 Nov 2022 14:49

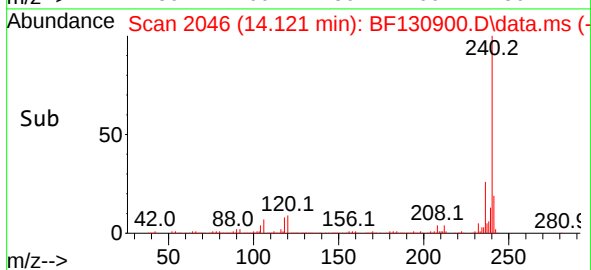
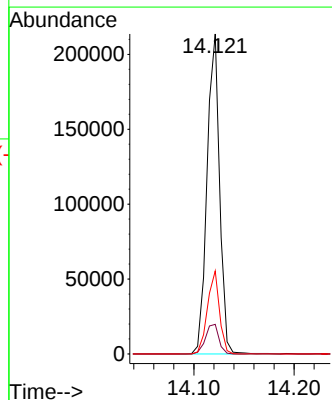
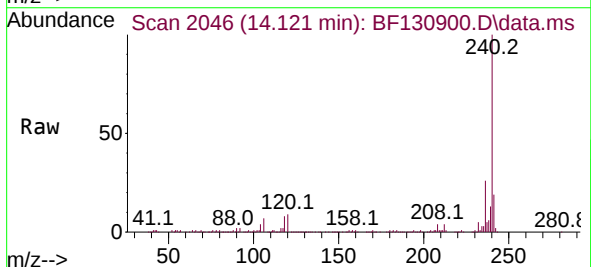
Instrument :
BNA_F
ClientSampleId :

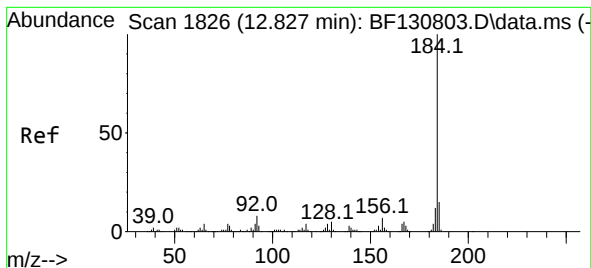
Tgt Ion:248 Resp: 15722
Ion Ratio Lower Upper
248 100
250 194.1 78.6 117.8#
141 516.3 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BF130900.D
Acq: 01 Nov 2022 14:49

Tgt Ion:240 Resp: 186878
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.4
236 26.0 20.5 30.7





#77

Benzidine

Concen: 2.973 ng

RT: 13.063 min Scan# 1866

Delta R.T. 0.247 min

Lab File: BF130900.D

Acq: 01 Nov 2022 14:49

Instrument :

BNA_F

ClientSampleId :

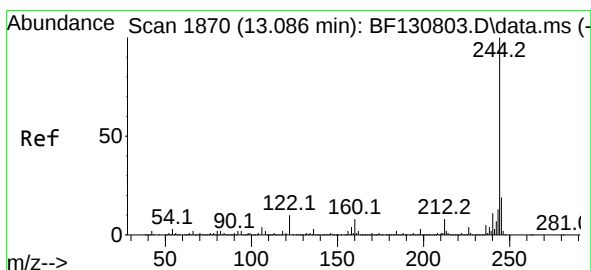
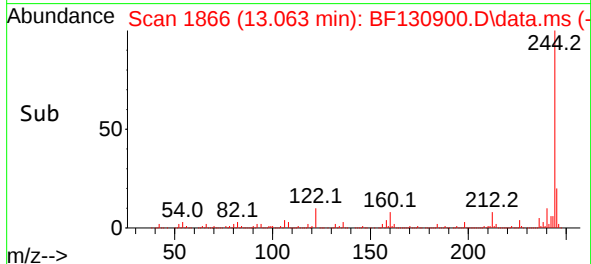
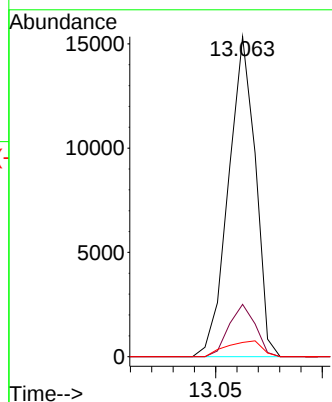
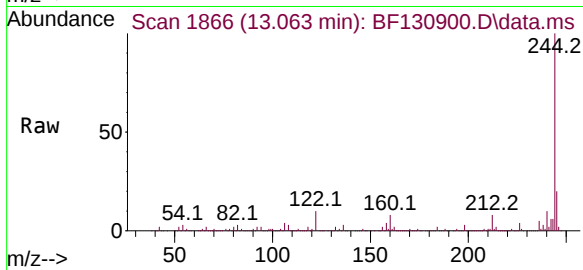
Tgt Ion:184 Resp: 13488

Ion Ratio Lower Upper

184 100

185 16.4 11.8 17.8

183 4.4 9.7 14.5#



#79

Terphenyl-d14

Concen: 86.183 ng

RT: 13.063 min Scan# 1866

Delta R.T. -0.006 min

Lab File: BF130900.D

Acq: 01 Nov 2022 14:49

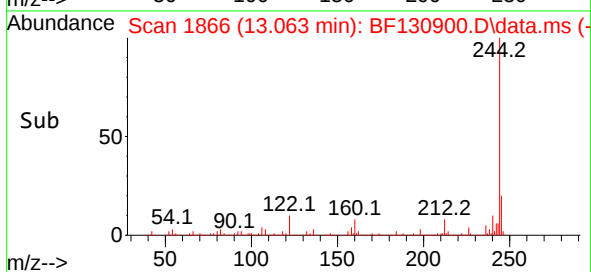
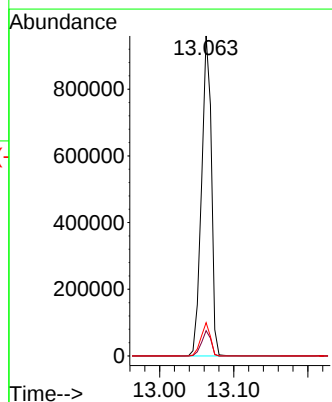
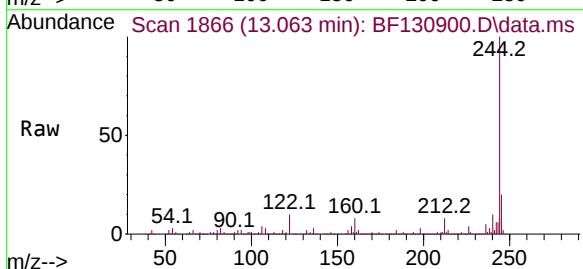
Tgt Ion:244 Resp: 878913

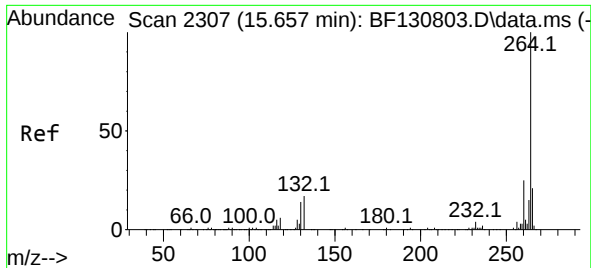
Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

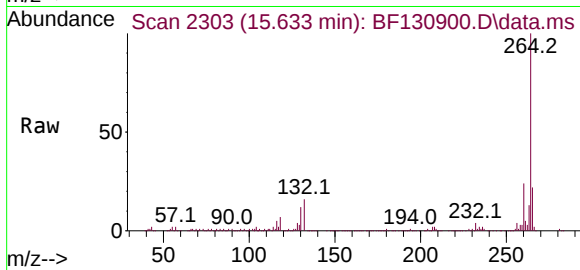
122 10.4 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.633 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF130900.D
 Acq: 01 Nov 2022 14:49

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 152757
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.9 29.9
 265 21.5 17.0 25.6

