

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
 Data File : BF130500.D
 Acq On : 03 Oct 2022 15:57
 Operator : CG\JU
 Sample : N4888-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WORK-FOUNDATION-2

Quant Time: Oct 04 03:16:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

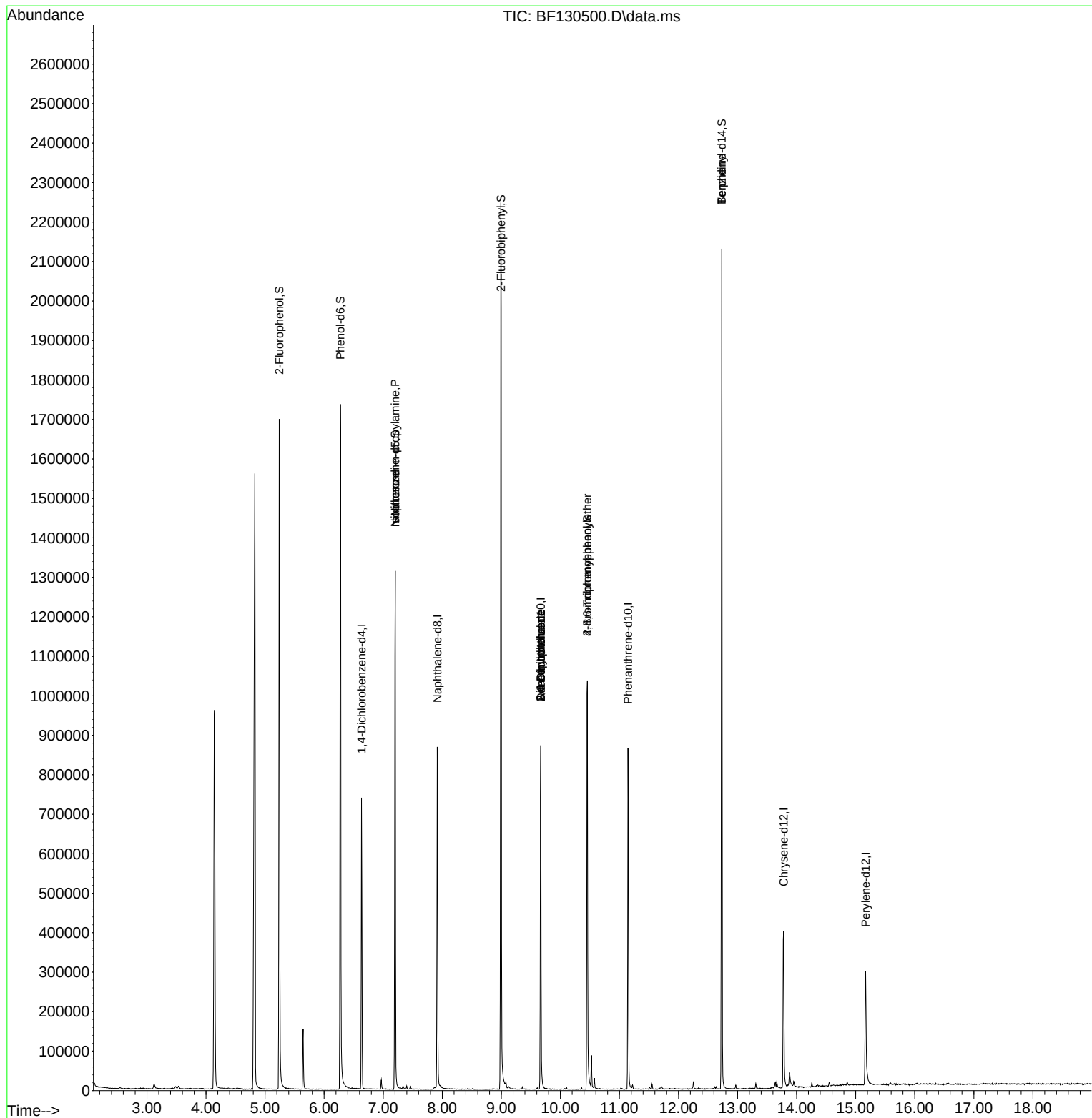
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	92681	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	373602	20.000	ng	-0.01
39) Acenaphthene-d10	9.669	164	190407	20.000	ng	-0.01
64) Phenanthrene-d10	11.145	188	310190	20.000	ng	#-0.01
76) Chrysene-d12	13.780	240	154080	20.000	ng	-0.01
86) Perylene-d12	15.168	264	151003	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	447266	83.703	ng	0.00
7) Phenol-d6	6.275	99	605866	90.618	ng	-0.02
23) Nitrobenzene-d5	7.204	82	417690	57.117	ng	-0.01
42) 2,4,6-Tribromophenol	10.457	330	125024	68.526	ng	-0.01
45) 2-Fluorobiphenyl	8.992	172	721272	55.161	ng	-0.02
79) Terphenyl-d14	12.733	244	643790	69.213	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.204	70	56230	12.464	ng	# 75
25) Isophorone	7.204	82	417687	35.438	ng	# 66
50) Dimethylphthalate	9.669	163	32746	2.490	ng	# 1
51) 2,6-Dinitrotoluene	9.669	165	23460	8.529	ng	# 16
57) 2,4-Dinitrotoluene	9.669	165	23460	6.673	ng	# 16
67) 4-Bromophenyl-phenylether	10.457	248	7662	2.239	ng	# 1
77) Benzidine	12.733	184	10676	2.387	ng	# 88

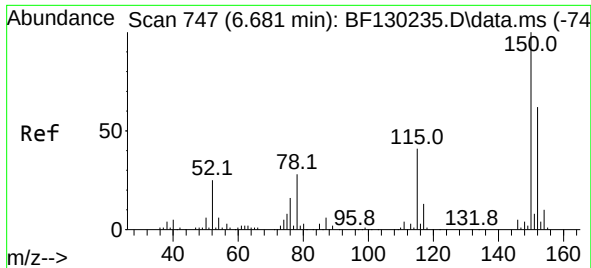
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
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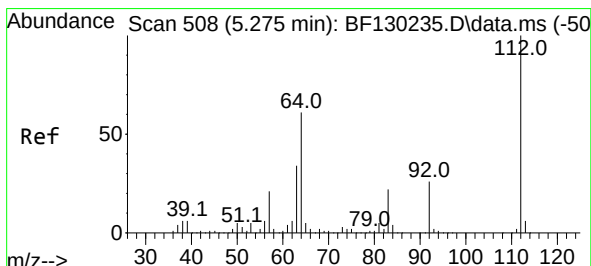
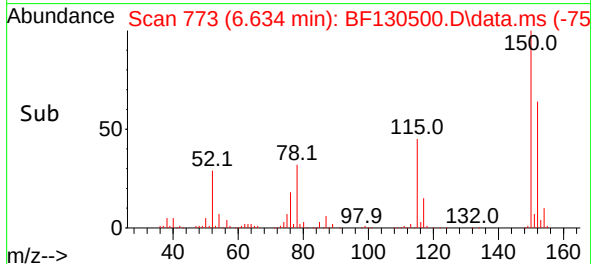
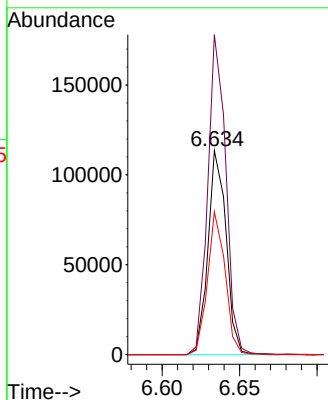
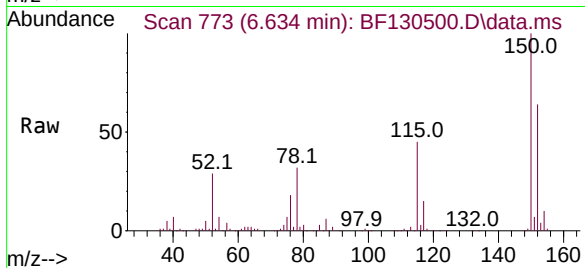




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.634 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF130500.D
 Acq: 03 Oct 2022 15:57

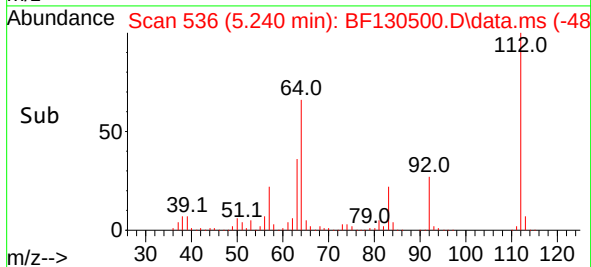
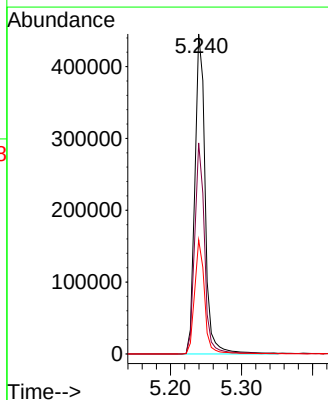
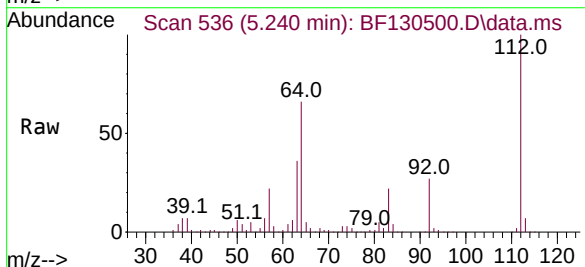
Instrument :
 BNA_F
 ClientSampleId :
 BUS-WORK-FOUNDATION-2

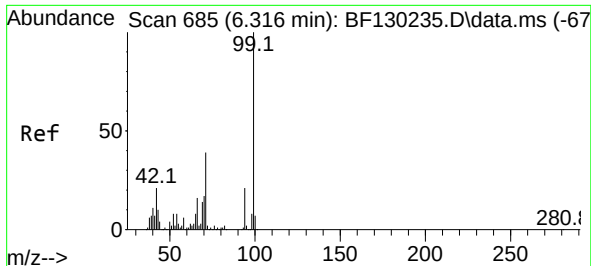
Tgt Ion:152 Resp: 92681
 Ion Ratio Lower Upper
 152 100
 150 156.9 122.8 184.2
 115 70.0 53.8 80.8



#5
 2-Fluorophenol
 Concen: 83.703 ng
 RT: 5.240 min Scan# 536
 Delta R.T. -0.006 min
 Lab File: BF130500.D
 Acq: 03 Oct 2022 15:57

Tgt Ion:112 Resp: 447266
 Ion Ratio Lower Upper
 112 100
 64 65.9 51.4 77.0
 63 35.6 28.8 43.2

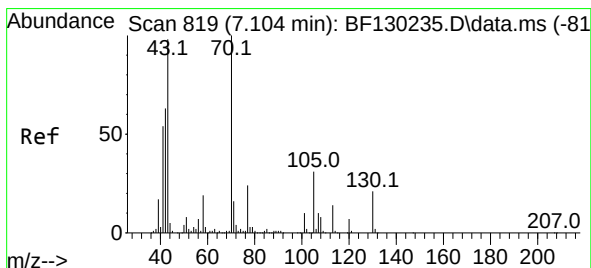
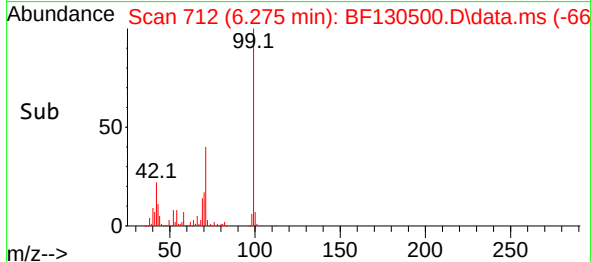
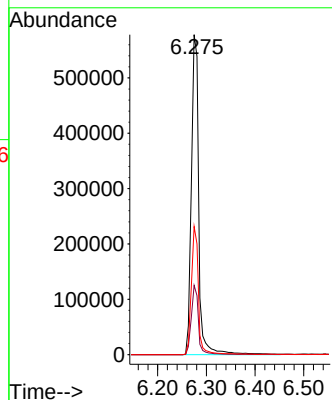
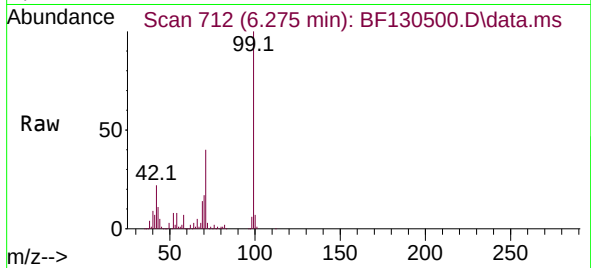




#7
Phenol-d6
Concen: 90.618 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF130500.D
Acq: 03 Oct 2022 15:57

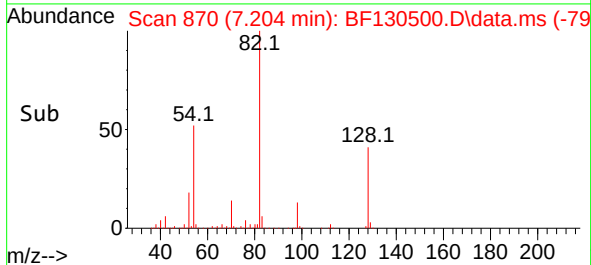
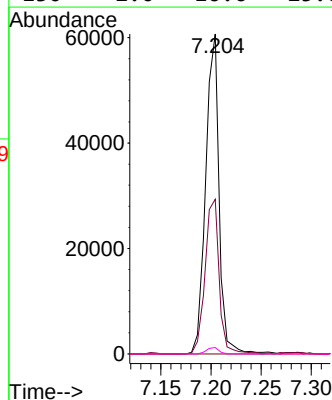
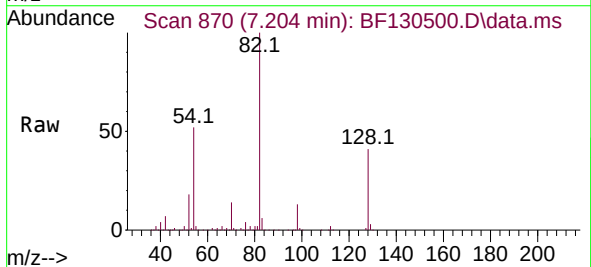
Instrument :
BNA_F
ClientSampleId :
BUS-WORK-FOUNDATION-2

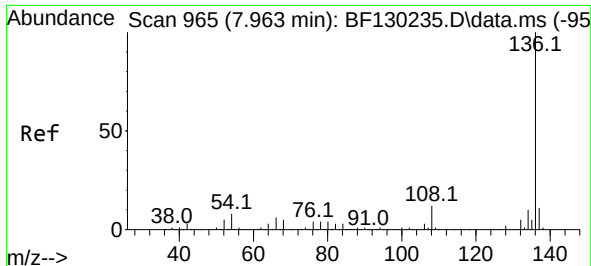
Tgt Ion: 99 Resp: 605866
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 40.1 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.464 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF130500.D
Acq: 03 Oct 2022 15:57

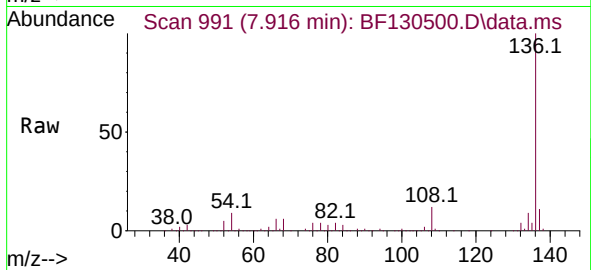
Tgt Ion: 70 Resp: 56230
Ion Ratio Lower Upper
70 100
42 48.3 50.8 76.2#
101 0.0 8.2 12.4#
130 2.0 16.6 25.0#



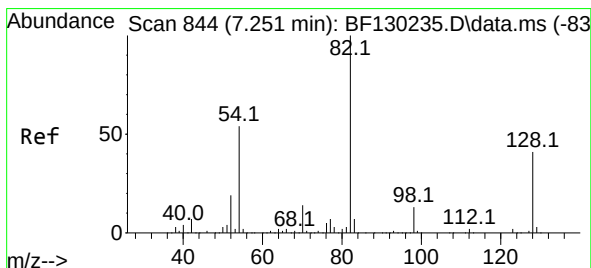
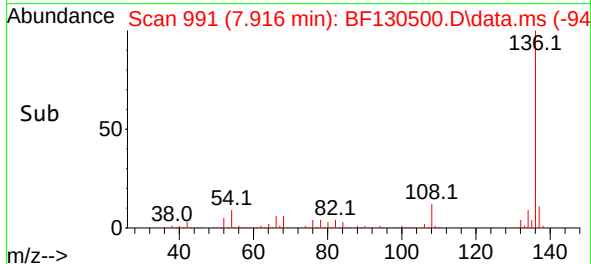
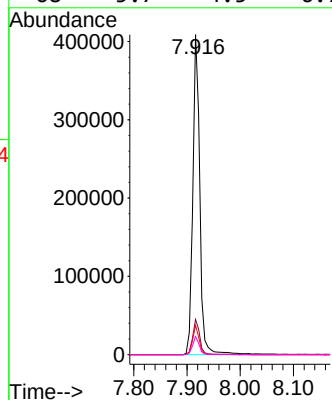


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF130500.D
Acq: 03 Oct 2022 15:57

Instrument :
BNA_F
ClientSampleId :
BUS-WORK-FOUNDATION-2

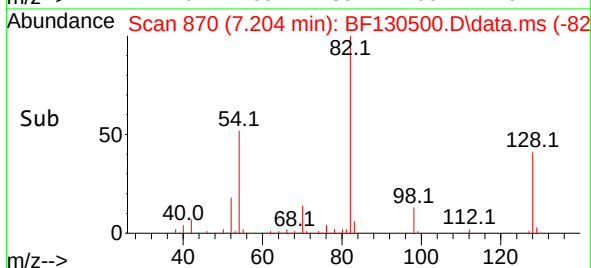
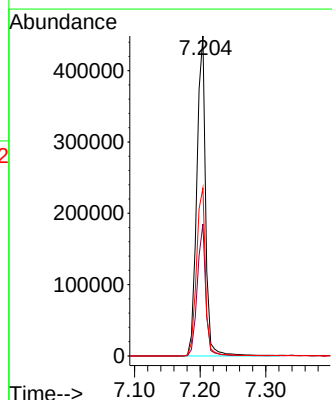
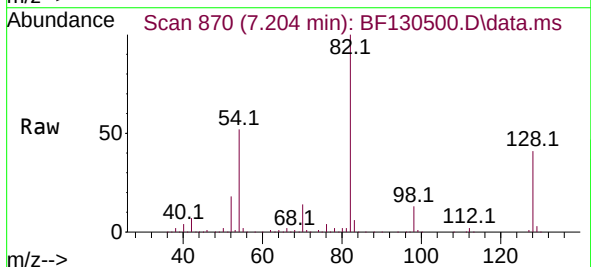


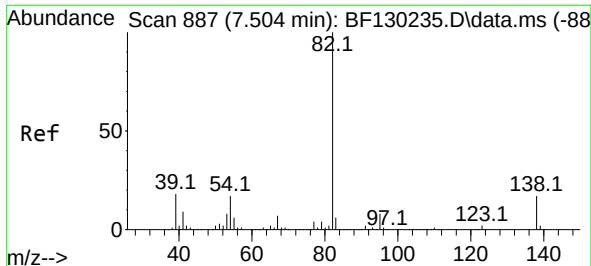
Tgt Ion:136 Resp: 373602
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 9.1 7.1 10.7
68 5.7 4.5 6.7



#23
Nitrobenzene-d5
Concen: 57.117 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF130500.D
Acq: 03 Oct 2022 15:57

Tgt Ion: 82 Resp: 417690
Ion Ratio Lower Upper
82 100
128 41.2 32.6 49.0
54 52.5 43.8 65.6

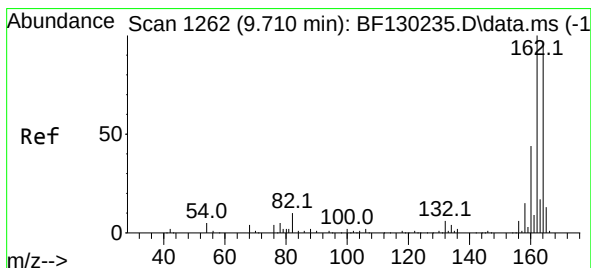
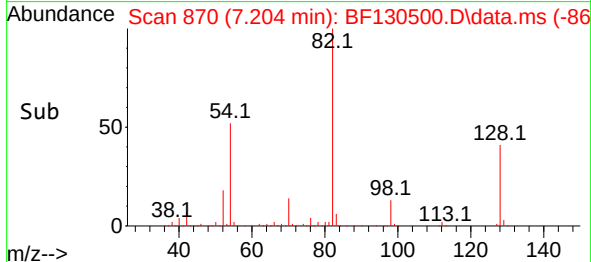
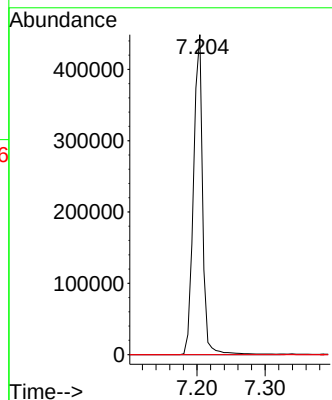
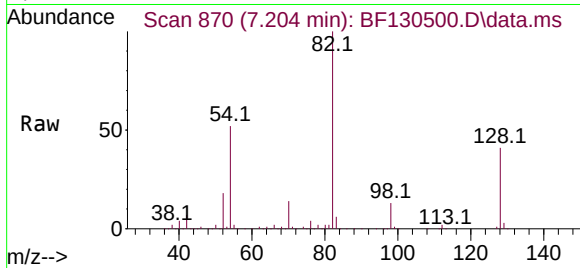




#25
Isophorone
Concen: 35.438 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF130500.D
Acq: 03 Oct 2022 15:57

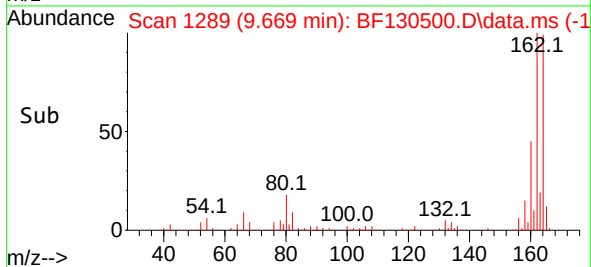
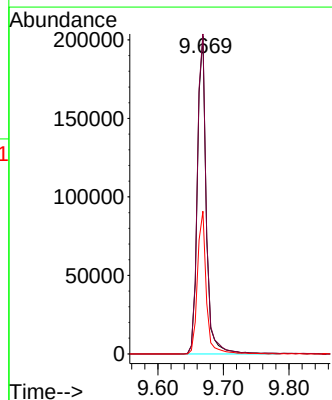
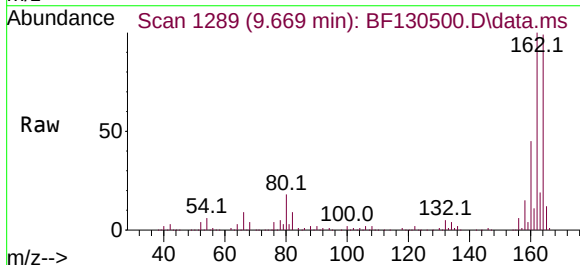
Instrument :
BNA_F
ClientSampleId :
BUS-WORK-FOUNDATION-2

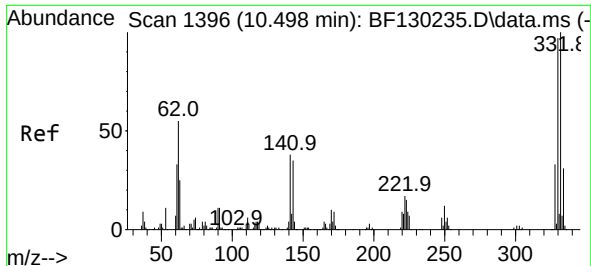
Tgt Ion: 82 Resp: 417687
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF130500.D
Acq: 03 Oct 2022 15:57

Tgt Ion:164 Resp: 190407
Ion Ratio Lower Upper
164 100
162 100.7 81.4 122.0
160 44.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 68.526 ng

RT: 10.457 min Scan# 1423

Delta R.T. -0.012 min

Lab File: BF130500.D

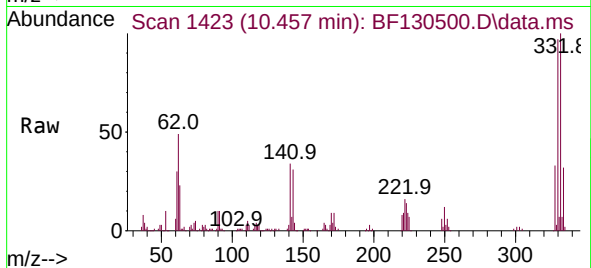
Acq: 03 Oct 2022 15:57

Instrument :

BNA_F

ClientSampleId :

BUS-WORK-FOUNDATION-2



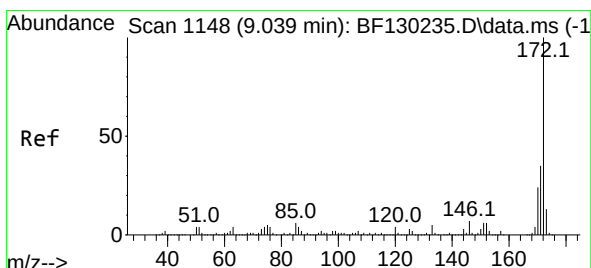
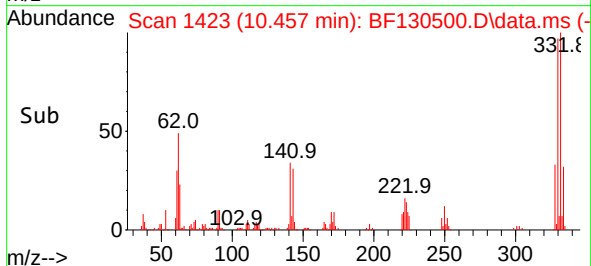
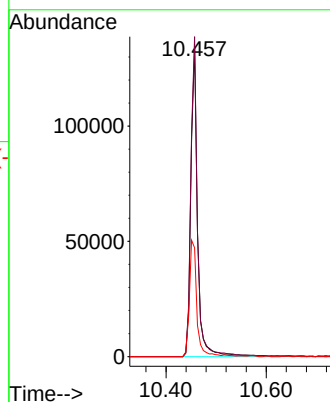
Tgt Ion:330 Resp: 125024

Ion Ratio Lower Upper

330 100

332 102.8 83.4 125.2

141 41.0 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 55.161 ng

RT: 8.992 min Scan# 1174

Delta R.T. -0.018 min

Lab File: BF130500.D

Acq: 03 Oct 2022 15:57

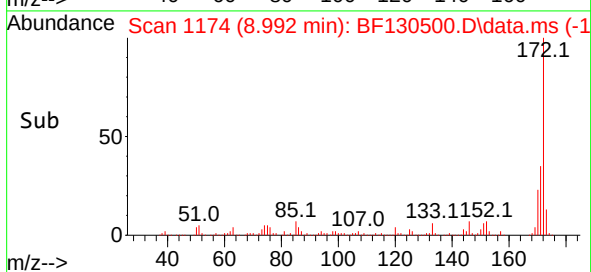
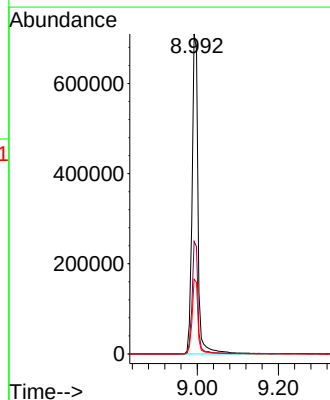
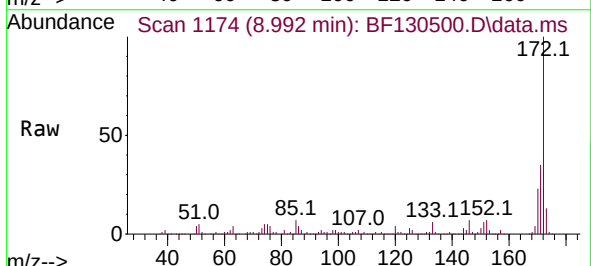
Tgt Ion:172 Resp: 721272

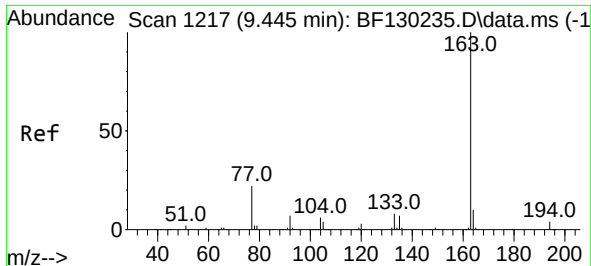
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.3 18.7 28.1

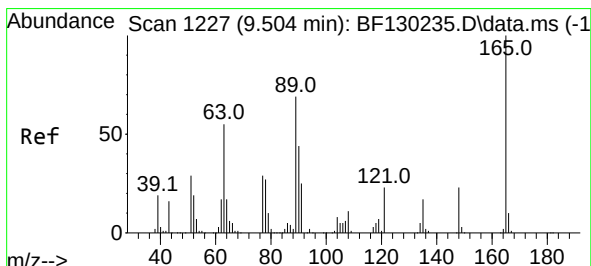
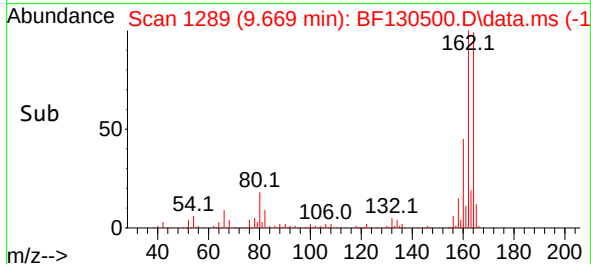
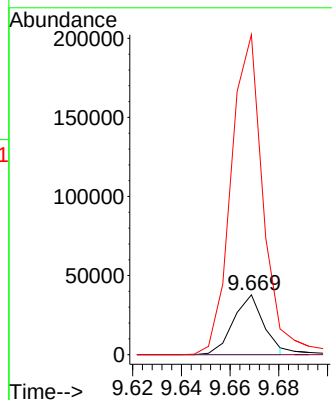
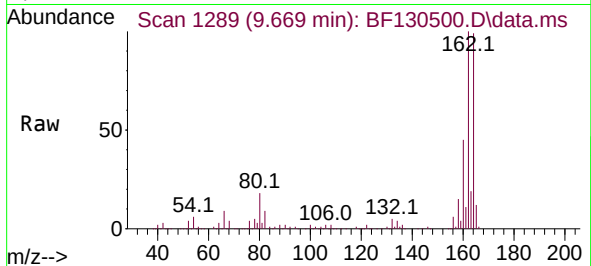




#50
Dimethylphthalate
Concen: 2.490 ng
RT: 9.669 min Scan# 1217
Delta R.T. 0.253 min
Lab File: BF130500.D
Acq: 03 Oct 2022 15:57

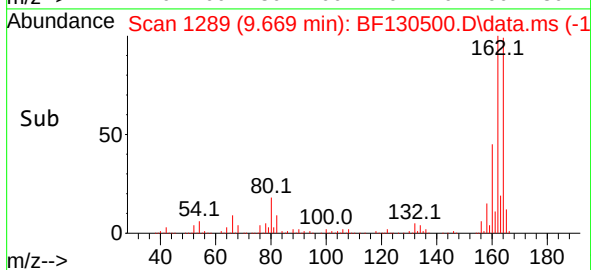
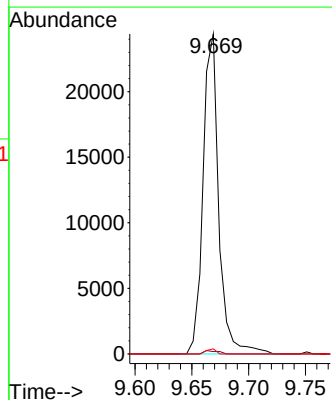
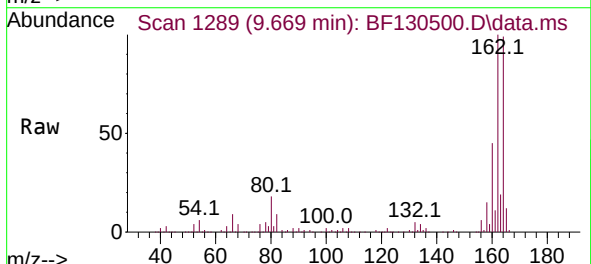
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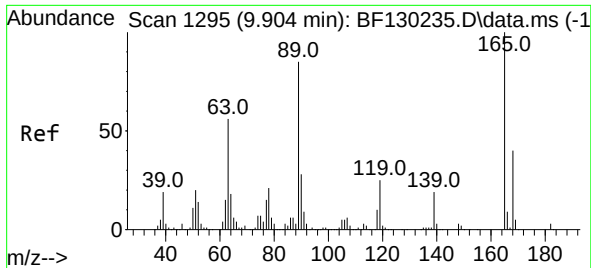
Tgt Ion:163 Resp: 32746
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 535.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.529 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.194 min
Lab File: BF130500.D
Acq: 03 Oct 2022 15:57

Tgt Ion:165 Resp: 23460
Ion Ratio Lower Upper
165 100
63 0.7 58.8 88.2#
89 1.6 54.5 81.7#

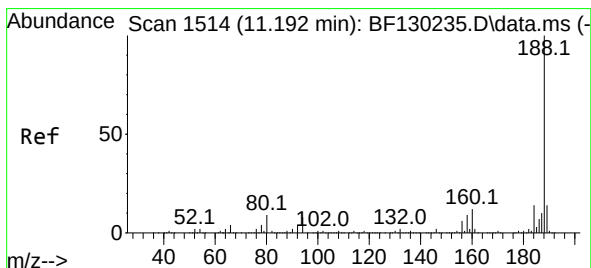
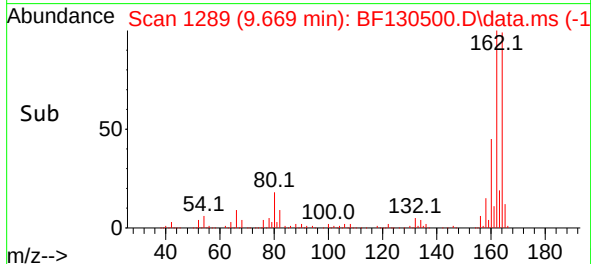
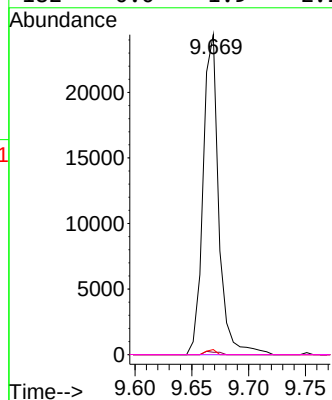
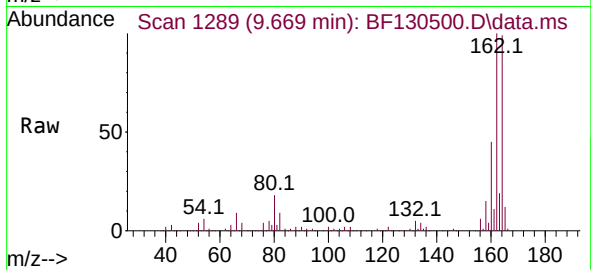




#57
2,4-Dinitrotoluene
Concen: 6.673 ng
RT: 9.669 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130500.D
Acq: 03 Oct 2022 15:57

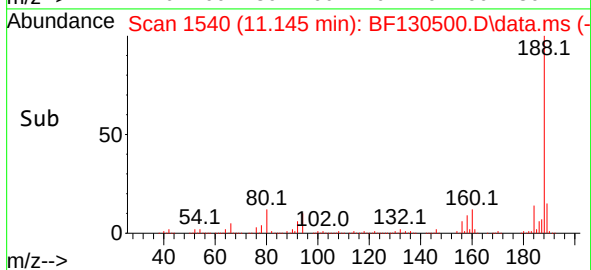
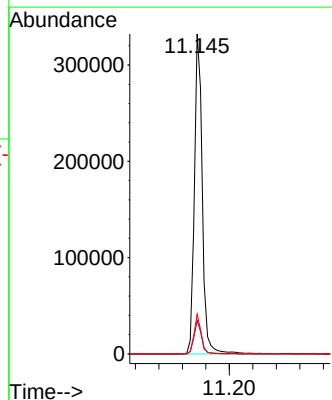
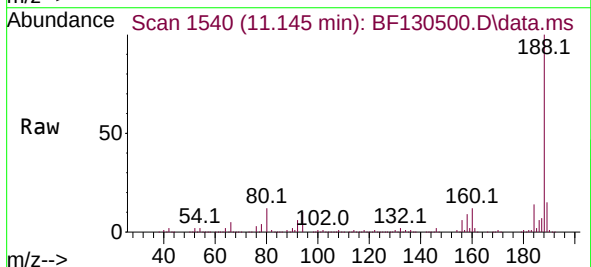
Instrument :
BNA_F
ClientSampleId :
BUS-WORK-FOUNDATION-2

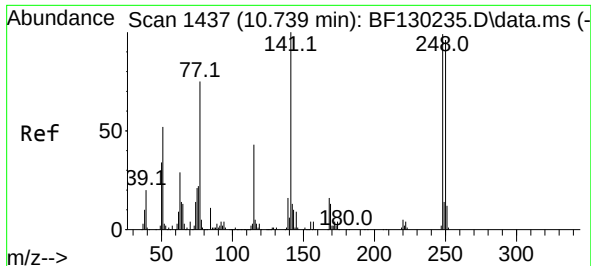
Tgt Ion:165 Resp: 23460
Ion Ratio Lower Upper
165 100
63 0.7 44.7 67.1#
89 1.6 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BF130500.D
Acq: 03 Oct 2022 15:57

Tgt Ion:188 Resp: 310190
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 12.4 7.9 11.9#

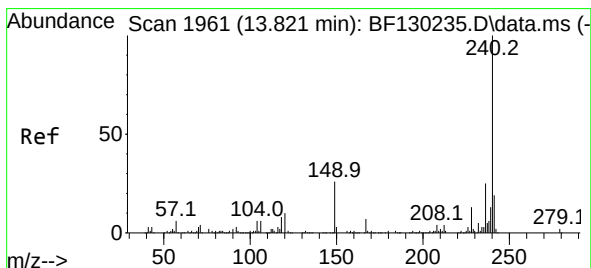
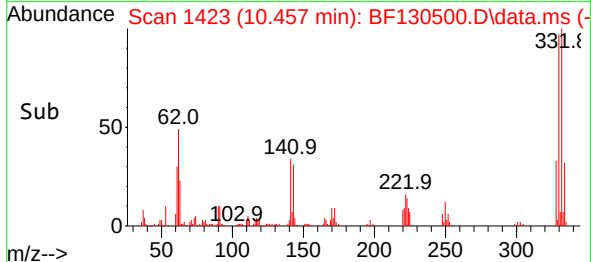
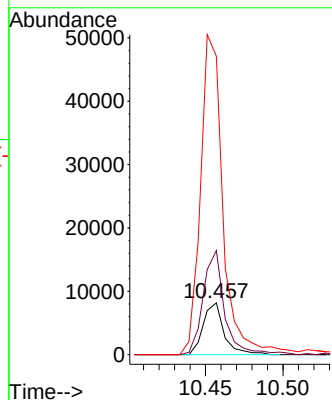
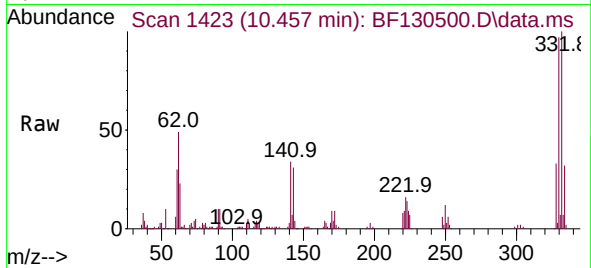




#67
4-Bromophenyl-phenylether
Concen: 2.239 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF130500.D
Acq: 03 Oct 2022 15:57

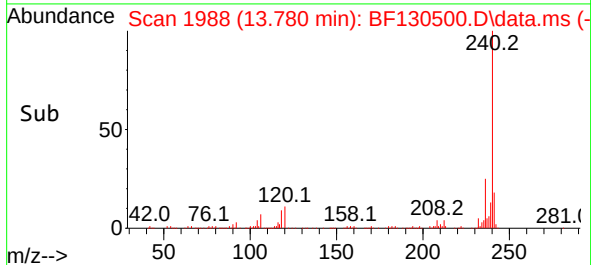
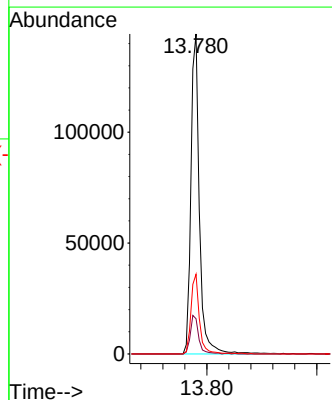
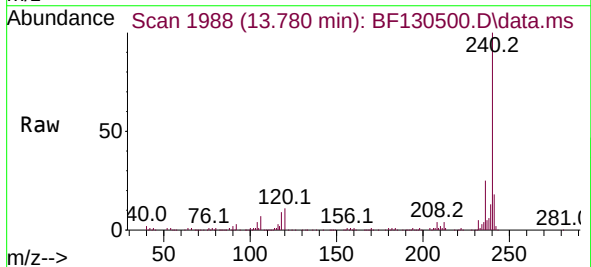
Instrument :
BNA_F
ClientSampleId :
BUS-WORK-FOUNDATION-2

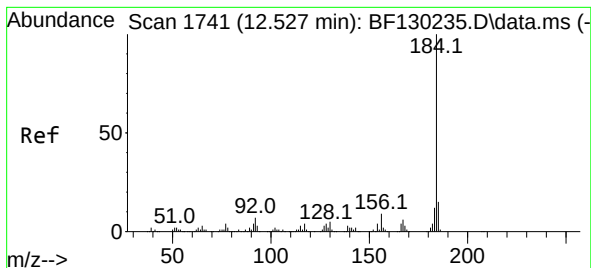
Tgt Ion:248 Resp: 7662
Ion Ratio Lower Upper
248 100
250 201.3 80.0 120.0#
141 577.3 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF130500.D
Acq: 03 Oct 2022 15:57

Tgt Ion:240 Resp: 154080
Ion Ratio Lower Upper
240 100
120 11.0 8.7 13.1
236 24.9 20.9 31.3





#77

Benzidine

Concen: 2.387 ng

RT: 12.733 min Scan# 1810

Delta R.T. 0.235 min

Lab File: BF130500.D

Acq: 03 Oct 2022 15:57

Instrument :

BNA_F

ClientSampleId :

BUS-WORK-FOUNDATION-2

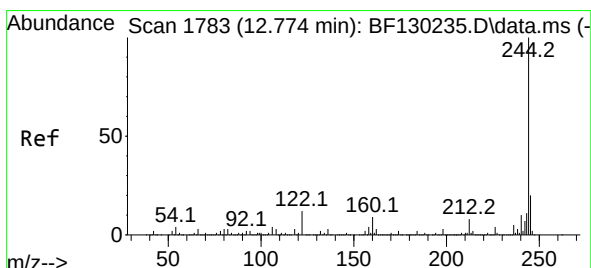
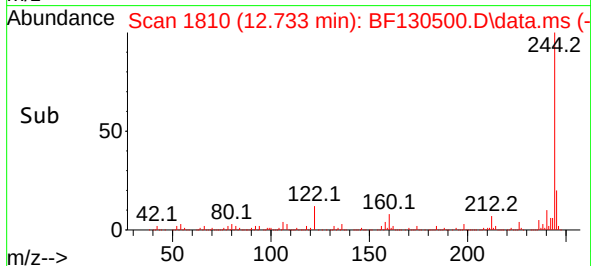
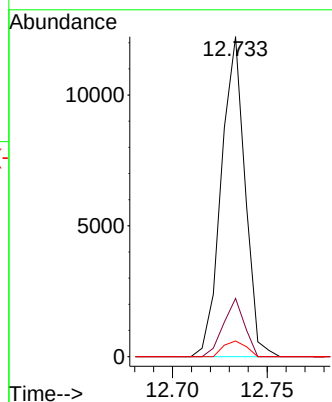
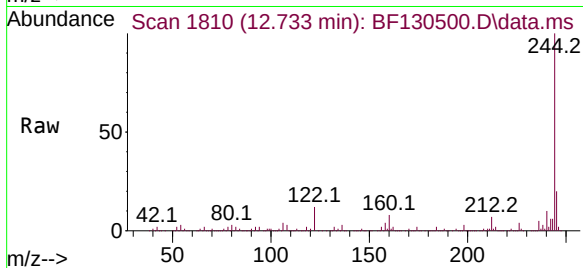
Tgt Ion:184 Resp: 10676

Ion Ratio Lower Upper

184 100

185 18.2 11.8 17.6#

183 4.9 9.1 13.7#



#79

Terphenyl-d14

Concen: 69.213 ng

RT: 12.733 min Scan# 1810

Delta R.T. -0.012 min

Lab File: BF130500.D

Acq: 03 Oct 2022 15:57

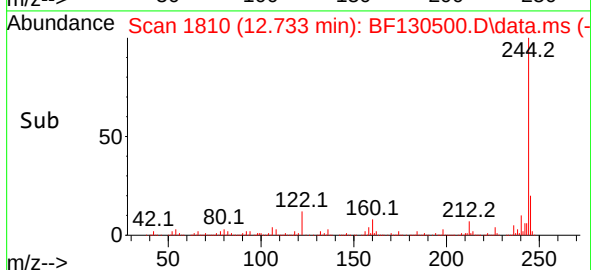
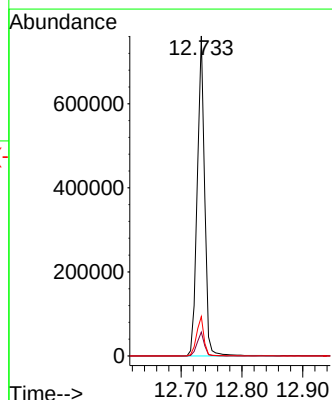
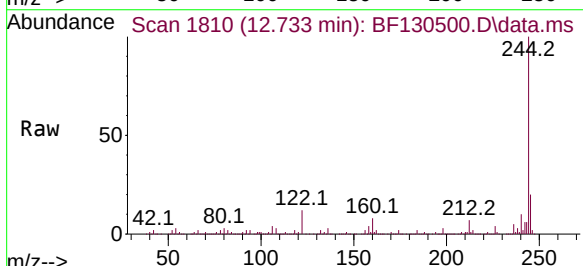
Tgt Ion:244 Resp: 643790

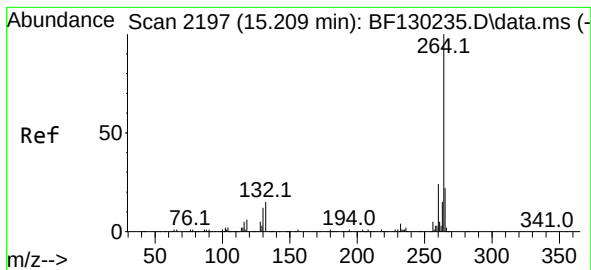
Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

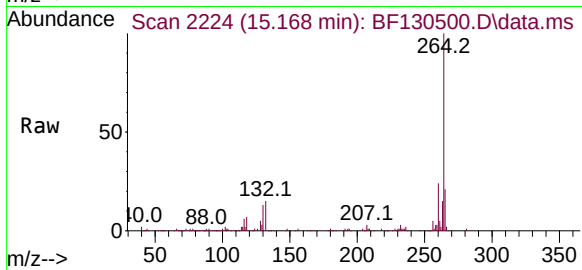
122 12.3 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.168 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130500.D
 Acq: 03 Oct 2022 15:57

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WORK-FOUNDATION-2



Tgt Ion:264 Resp: 151003
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.3 28.9
 265 21.1 17.0 25.4

