

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130090.D
 Acq On : 01 Sep 2022 21:57
 Operator : CG\JU
 Sample : N4391-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

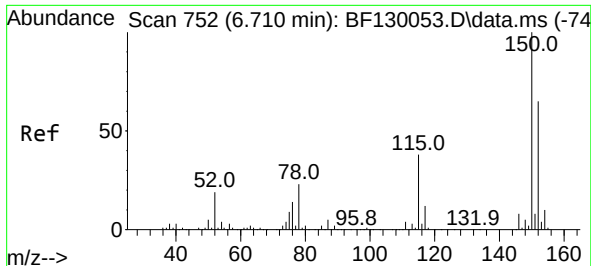
Instrument :
 BNA_F
 ClientSampleId :
 256317-3

Quant Time: Sep 02 04:05:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	242943	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	968747	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	511869	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	840455	20.000	ng	0.00
76) Chrysene-d12	13.845	240	571945	20.000	ng	-0.01
86) Perylene-d12	15.245	264	463225	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	865709	60.495	ng	0.00
7) Phenol-d6	6.322	99	645797	36.197	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1390174	92.223	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	622155	133.526	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2488413	80.600	ng	0.00
79) Terphenyl-d14	12.804	244	2506737	76.004	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	178127	16.573	ng	# 74
25) Isophorone	7.269	82	1384342	45.374	ng	# 65
32) Benzoic acid	7.663	122	1136	6.666	ng	94
50) Dimethylphthalate	9.733	163	95162	2.729	ng	# 1
51) 2,6-Dinitrotoluene	9.733	165	66313	9.756	ng	# 23
57) 2,4-Dinitrotoluene	9.733	165	66313	8.473	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.522	198	1355	6.379	ng	# 1
67) 4-Bromophenyl-phenylether	10.522	248	36893	3.946	ng	# 1
77) Benzidine	12.804	184	34816	2.255	ng	# 92

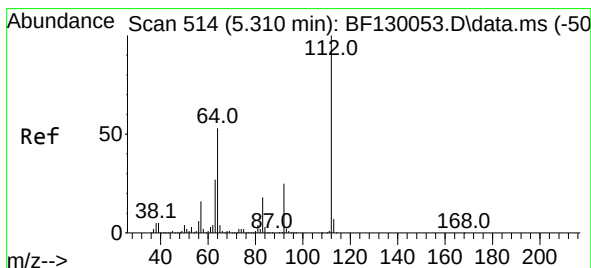
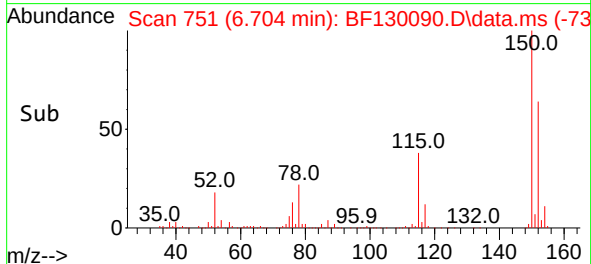
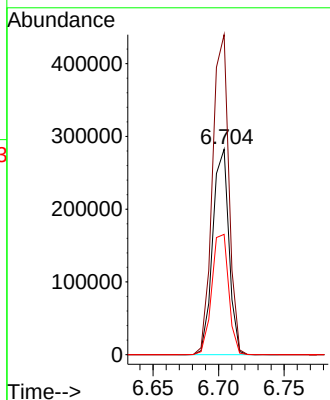
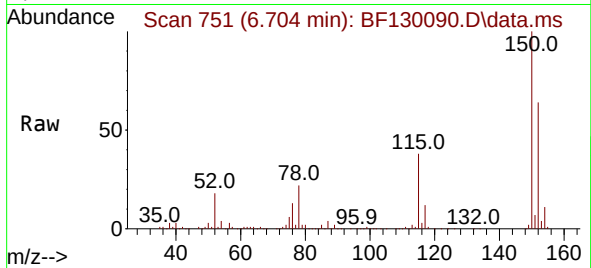
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130090.D
 Acq: 01 Sep 2022 21:57

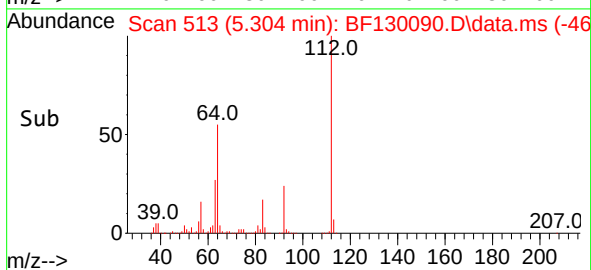
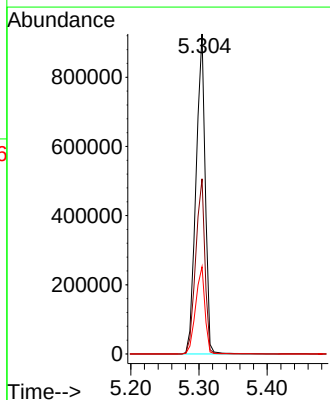
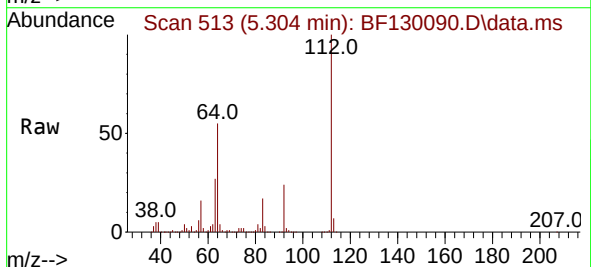
Instrument :
 BNA_F
 ClientSampleId :
 256317-3

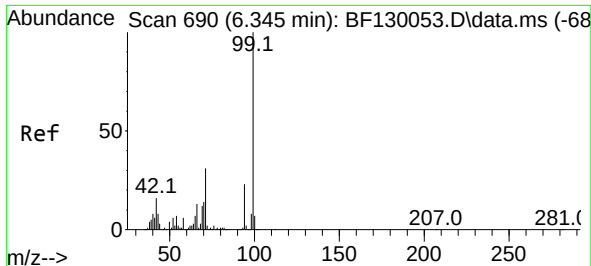
Tgt Ion:152 Resp: 242943
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.9 190.3
 115 58.5 53.4 80.0



#5
 2-Fluorophenol
 Concen: 60.495 ng
 RT: 5.304 min Scan# 513
 Delta R.T. -0.006 min
 Lab File: BF130090.D
 Acq: 01 Sep 2022 21:57

Tgt Ion:112 Resp: 865709
 Ion Ratio Lower Upper
 112 100
 64 54.7 47.6 71.4
 63 27.2 24.6 37.0

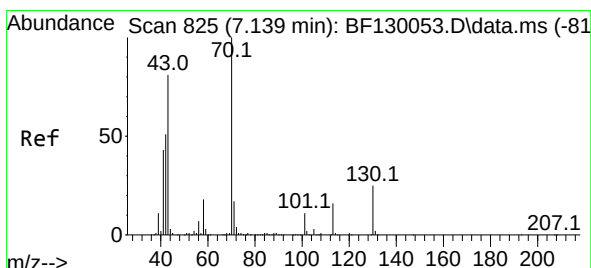
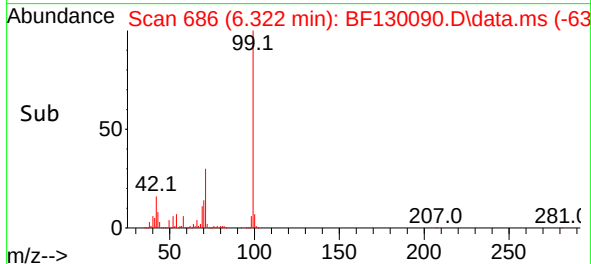
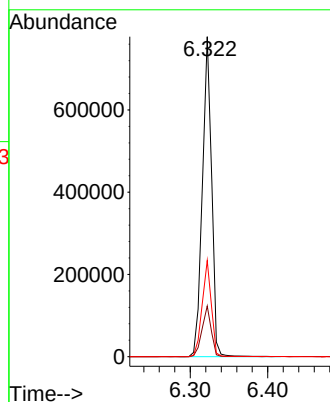
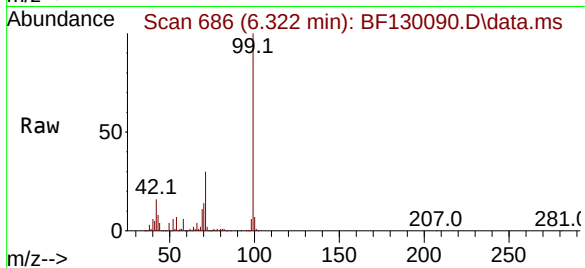




#7
Phenol-d6
Concen: 36.197 ng
RT: 6.322 min Scan# 61
Delta R.T. -0.024 min
Lab File: BF130090.D
Acq: 01 Sep 2022 21:57

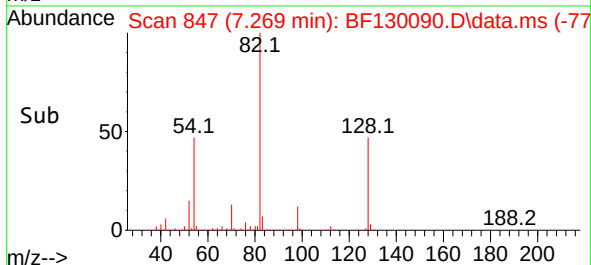
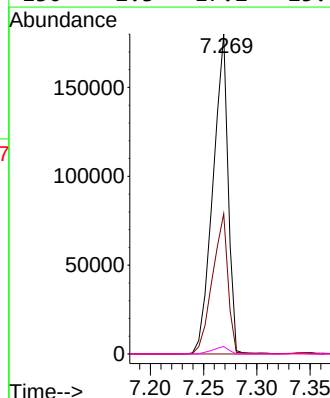
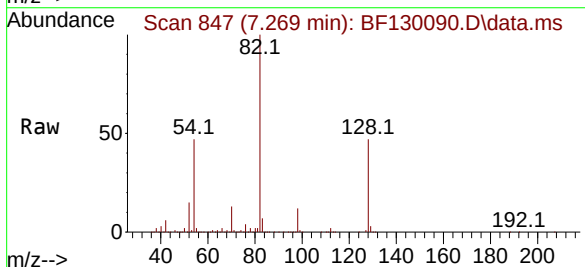
Instrument :
BNA_F
ClientSampleId :
256317-3

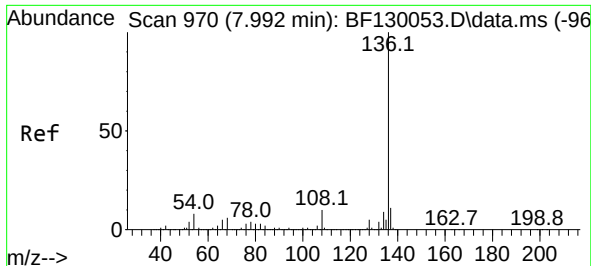
Tgt Ion: 99 Resp: 645797
Ion Ratio Lower Upper
99 100
42 15.8 15.0 22.4
71 30.0 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.573 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130090.D
Acq: 01 Sep 2022 21:57

Tgt Ion: 70 Resp: 178127
Ion Ratio Lower Upper
70 100
42 43.8 47.6 71.4#
101 0.0 8.1 12.1#
130 2.3 17.2 25.8#

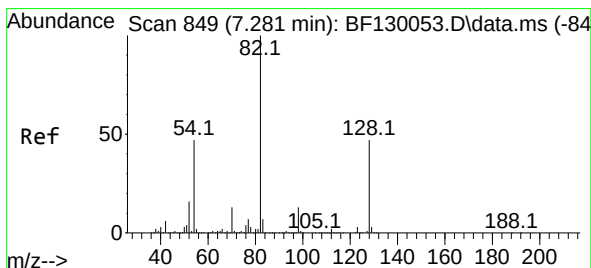
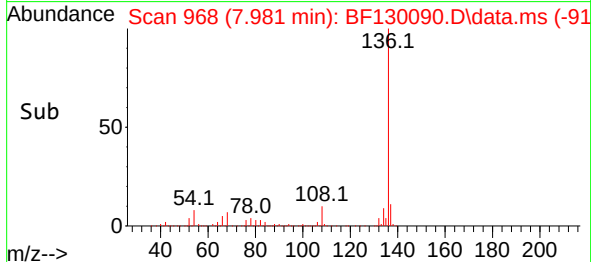
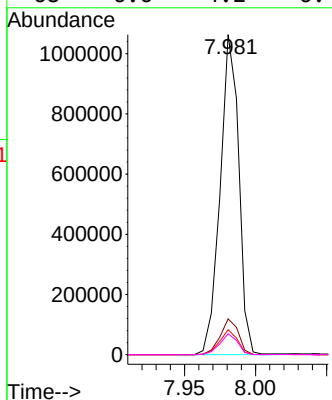
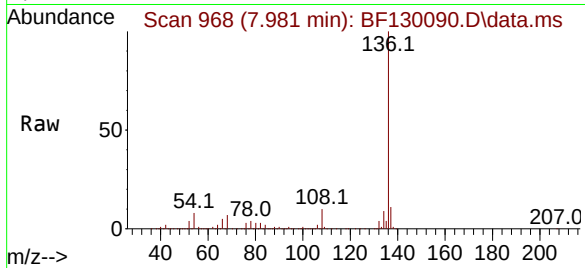




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF130090.D
Acq: 01 Sep 2022 21:57

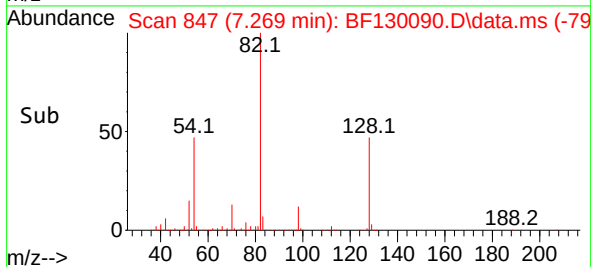
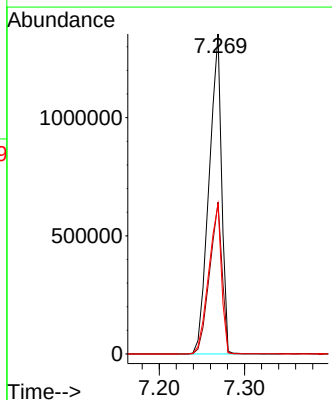
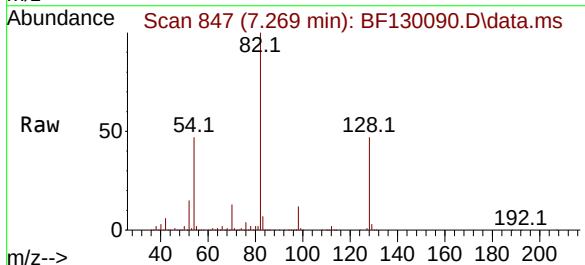
Instrument :
BNA_F
ClientSampleId :
256317-3

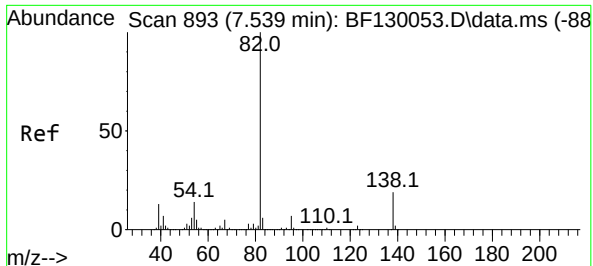
Tgt Ion:136 Resp: 968747
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.8 6.2 9.2
68 6.6 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 92.223 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130090.D
Acq: 01 Sep 2022 21:57

Tgt Ion: 82 Resp: 1390174
Ion Ratio Lower Upper
82 100
128 47.5 36.1 54.1
54 46.8 40.0 60.0

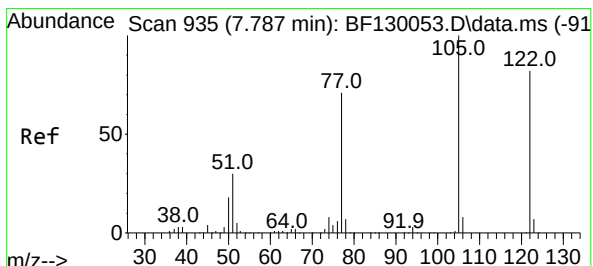
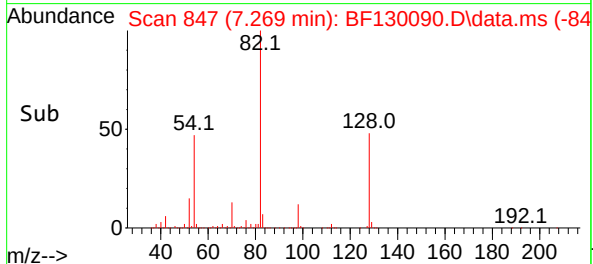
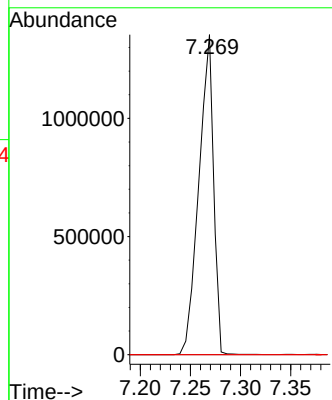
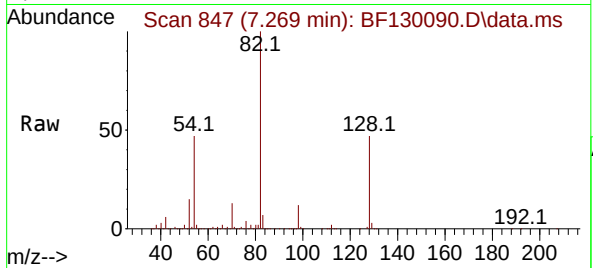




#25
Isophorone
Concen: 45.374 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130090.D
Acq: 01 Sep 2022 21:57

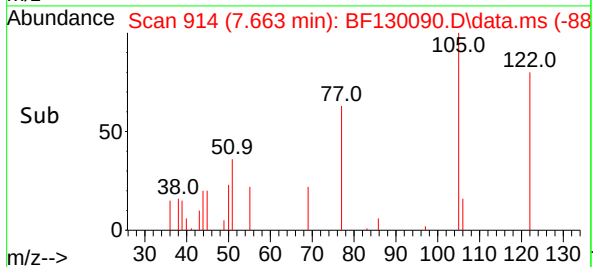
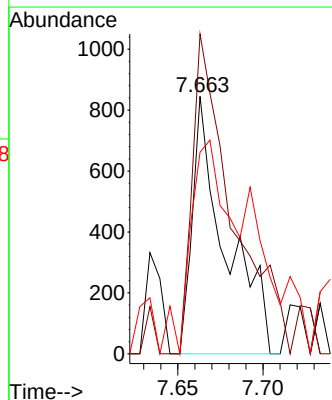
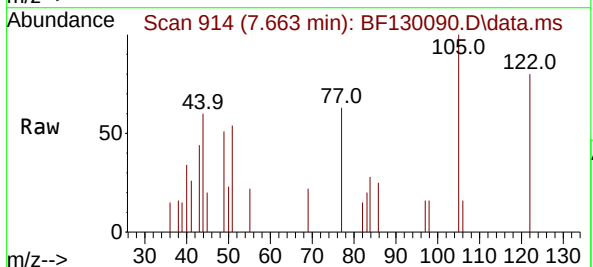
Instrument :
BNA_F
ClientSampleId :
256317-3

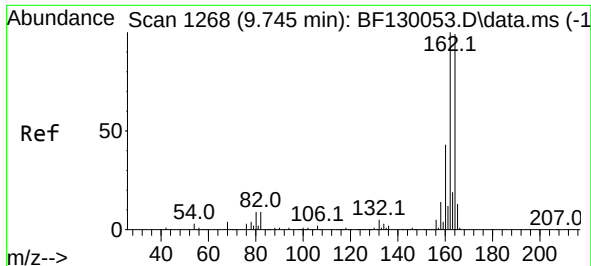
Tgt Ion: 82 Resp: 1384342
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.666 ng
RT: 7.663 min Scan# 914
Delta R.T. -0.124 min
Lab File: BF130090.D
Acq: 01 Sep 2022 21:57

Tgt Ion: 122 Resp: 1136
Ion Ratio Lower Upper
122 100
105 124.3 99.9 139.9
77 78.3 65.9 105.9

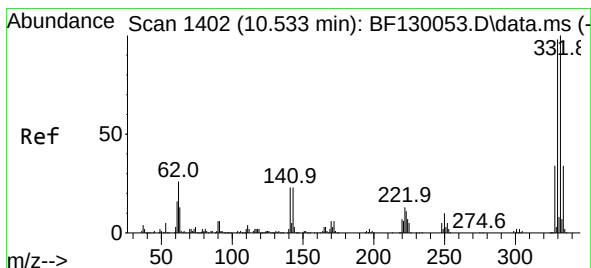
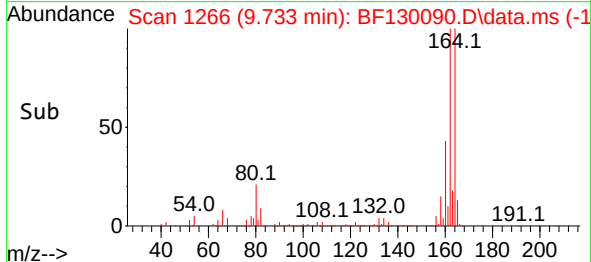
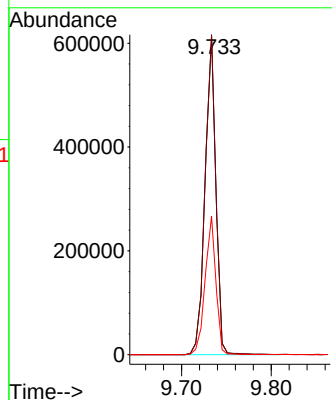
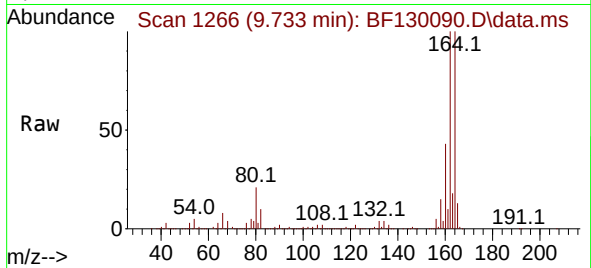




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130090.D
Acq: 01 Sep 2022 21:57

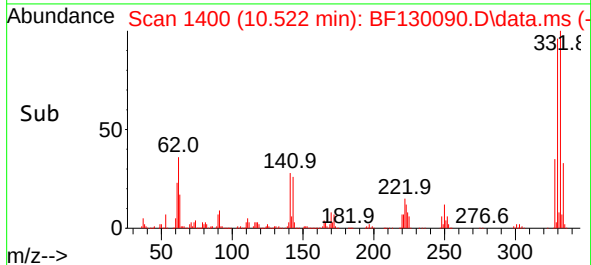
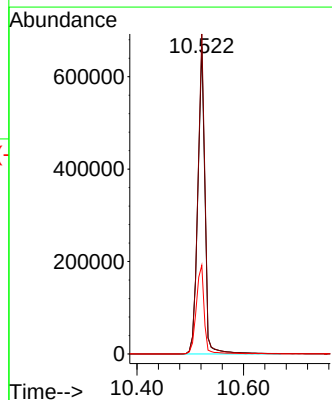
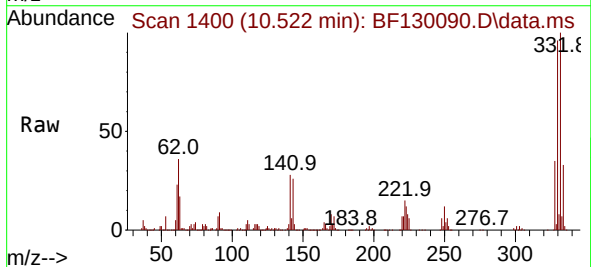
Instrument :
BNA_F
ClientSampleId :
256317-3

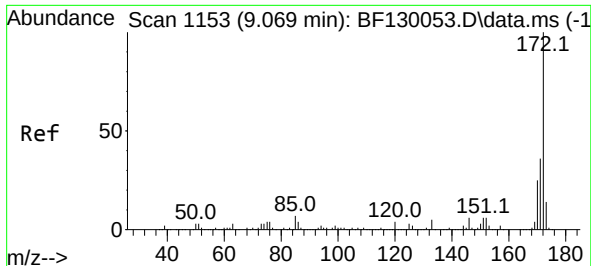
Tgt Ion:164 Resp: 511869
Ion Ratio Lower Upper
164 100
162 100.4 82.0 123.0
160 43.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 133.526 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130090.D
Acq: 01 Sep 2022 21:57

Tgt Ion:330 Resp: 622155
Ion Ratio Lower Upper
330 100
332 103.5 82.6 124.0
141 32.5 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 80.600 ng

RT: 9.063 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF130090.D

Acq: 01 Sep 2022 21:57

Instrument :

BNA_F

ClientSampleId :

256317-3

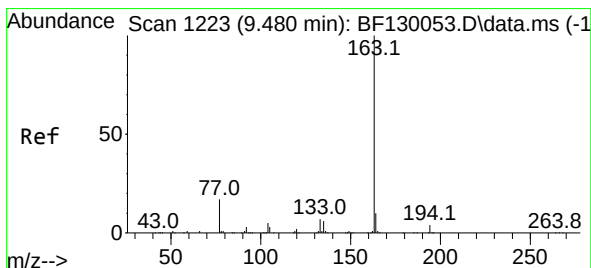
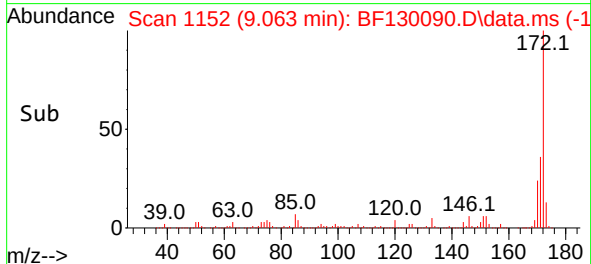
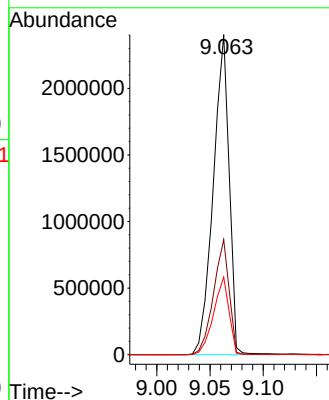
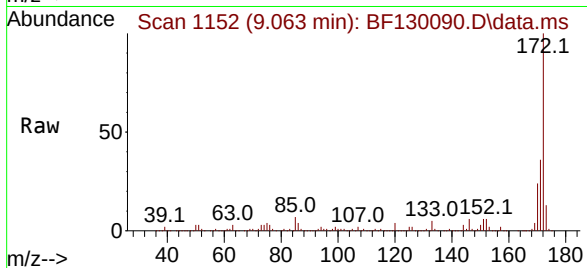
Tgt Ion:172 Resp: 2488413

Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 24.3 19.1 28.7



#50

Dimethylphthalate

Concen: 2.729 ng

RT: 9.733 min Scan# 1266

Delta R.T. 0.253 min

Lab File: BF130090.D

Acq: 01 Sep 2022 21:57

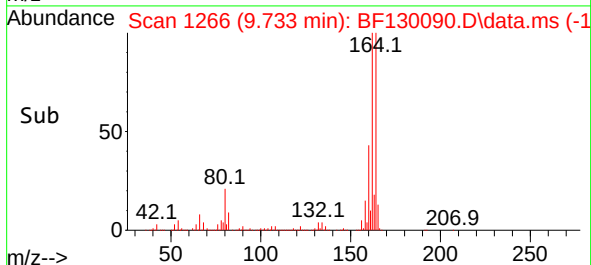
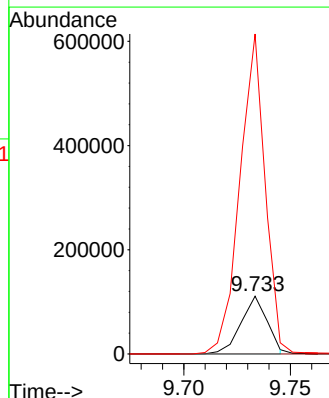
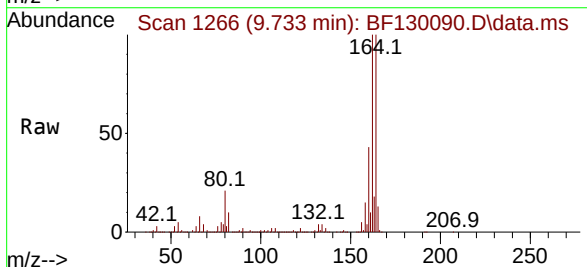
Tgt Ion:163 Resp: 95162

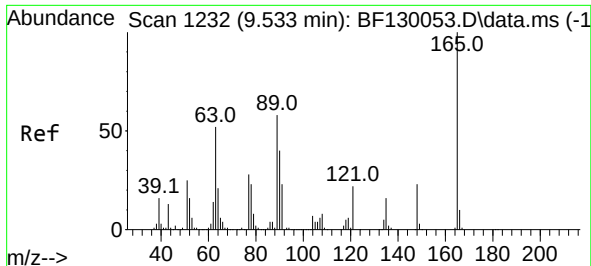
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 554.5 8.2 12.2#

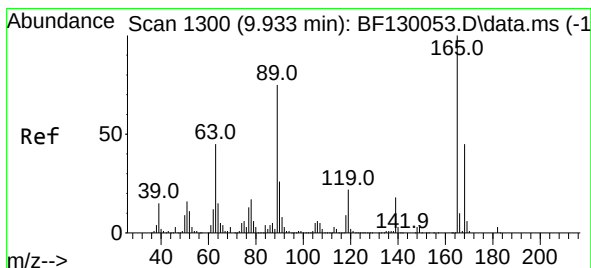
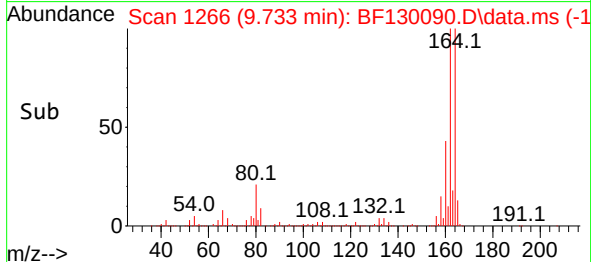
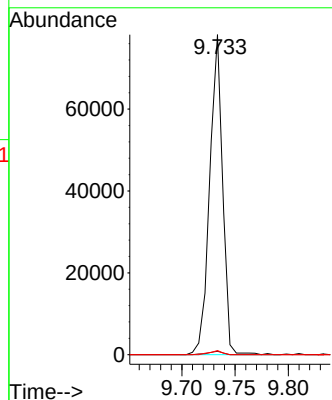
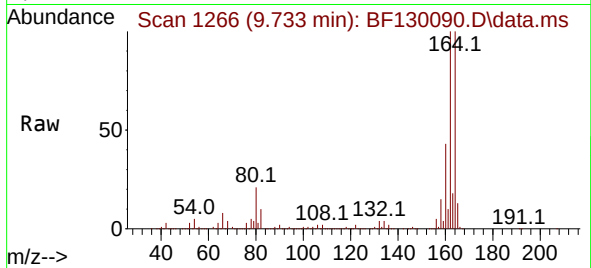




#51
2,6-Dinitrotoluene
Concen: 9.756 ng
RT: 9.733 min Scan# 1266
Delta R.T. 0.200 min
Lab File: BF130090.D
Acq: 01 Sep 2022 21:57

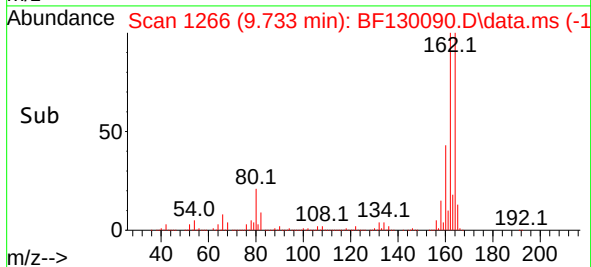
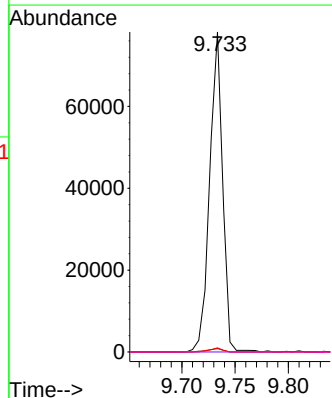
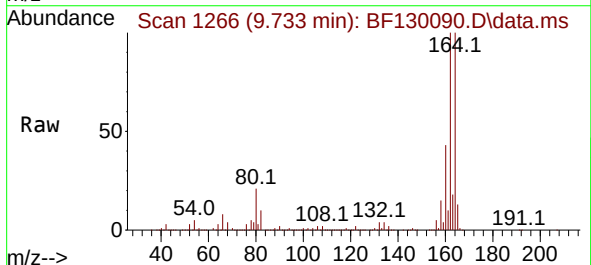
Instrument :
BNA_F
ClientSampleId :
256317-3

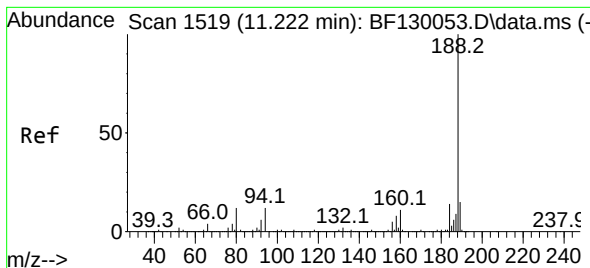
Tgt Ion:165 Resp: 66313
Ion Ratio Lower Upper
165 100
63 1.0 47.8 71.8#
89 1.3 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 8.473 ng
RT: 9.733 min Scan# 1266
Delta R.T. -0.200 min
Lab File: BF130090.D
Acq: 01 Sep 2022 21:57

Tgt Ion:165 Resp: 66313
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 1.3 62.3 93.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.216 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130090.D

Acq: 01 Sep 2022 21:57

Instrument :

BNA_F

ClientSampleId :

256317-3

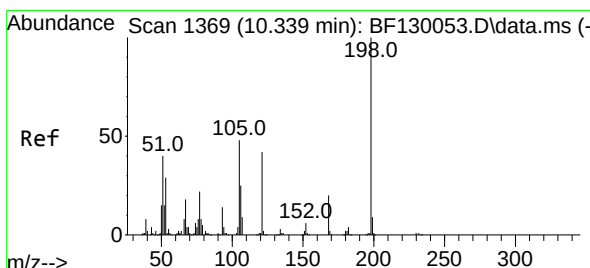
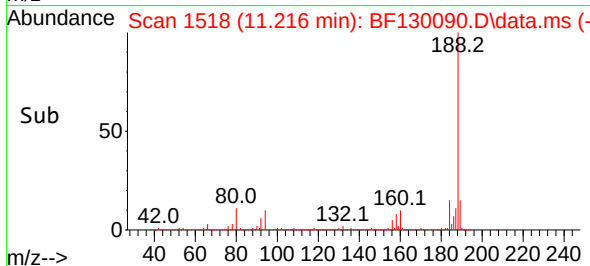
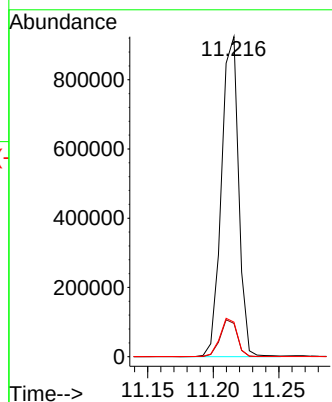
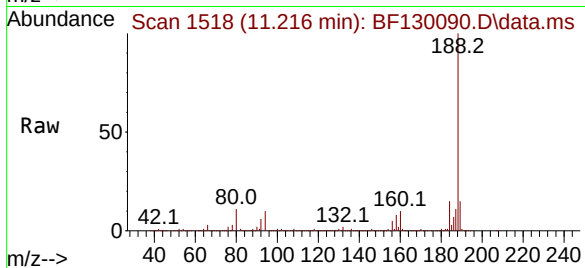
Tgt Ion:188 Resp: 840455

Ion Ratio Lower Upper

188 100

94 10.4 7.4 11.2

80 10.8 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 6.379 ng

RT: 10.522 min Scan# 1400

Delta R.T. 0.183 min

Lab File: BF130090.D

Acq: 01 Sep 2022 21:57

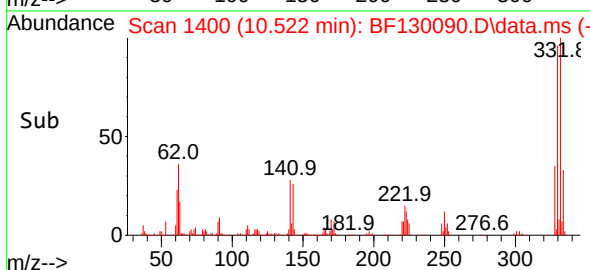
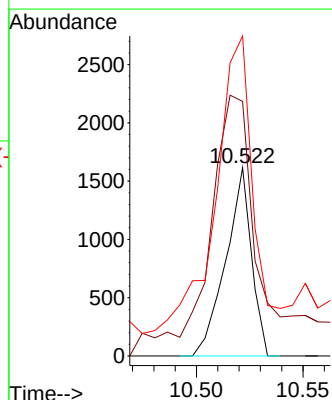
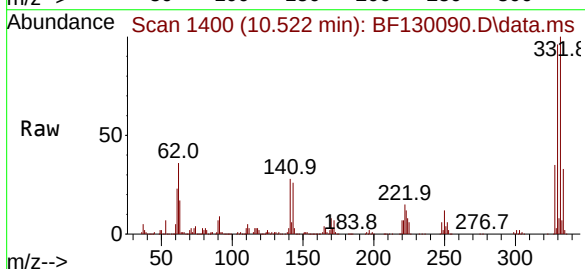
Tgt Ion:198 Resp: 1355

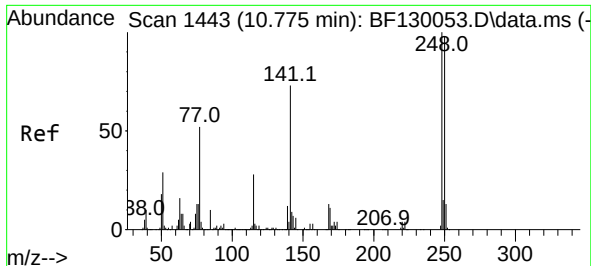
Ion Ratio Lower Upper

198 100

51 135.2 29.4 69.4#

105 170.0 29.2 69.2#

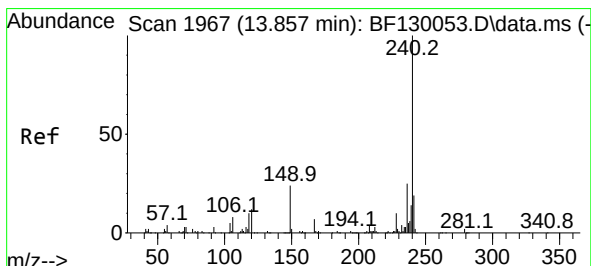
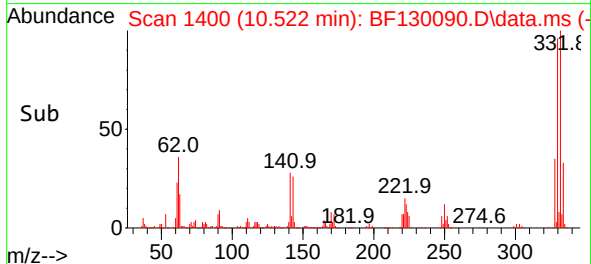
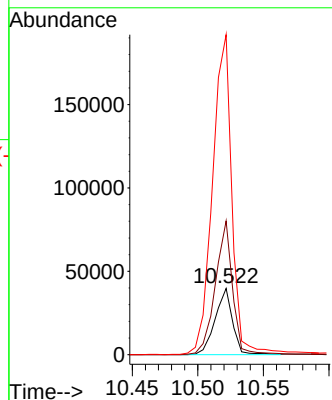
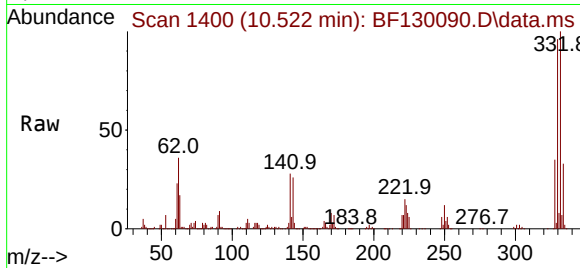




#67
4-Bromophenyl-phenylether
Concen: 3.946 ng
RT: 10.522 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF130090.D
Acq: 01 Sep 2022 21:57

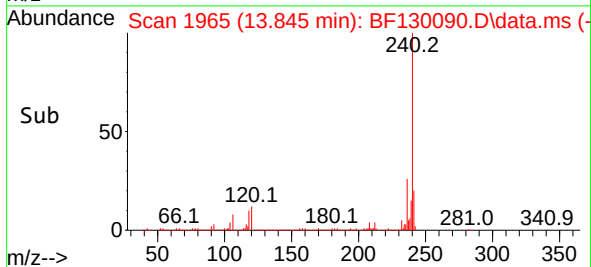
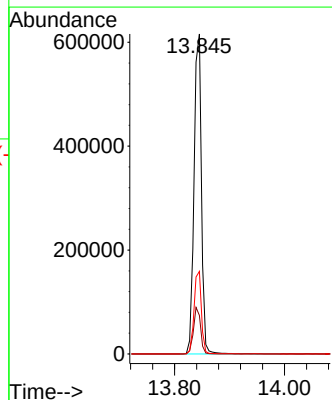
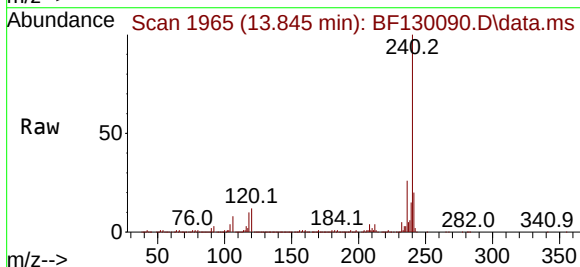
Instrument :
BNA_F
ClientSampleId :
256317-3

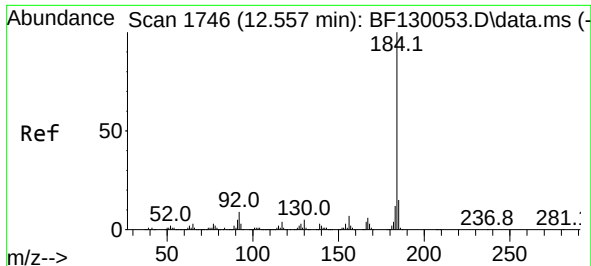
Tgt Ion:248 Resp: 36893
Ion Ratio Lower Upper
248 100
250 201.8 77.8 116.6#
141 482.6 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.845 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF130090.D
Acq: 01 Sep 2022 21:57

Tgt Ion:240 Resp: 571945
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 25.8 20.7 31.1

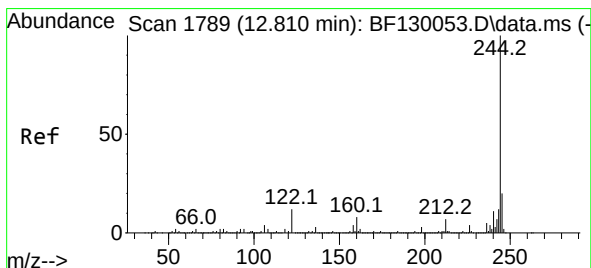
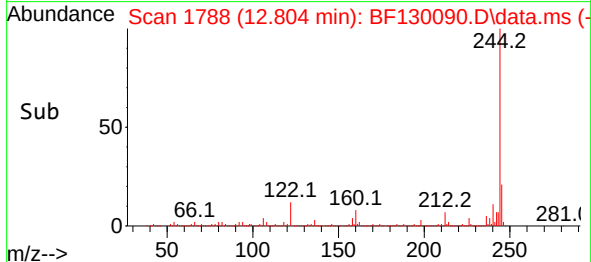
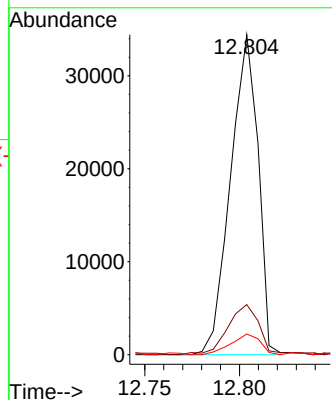
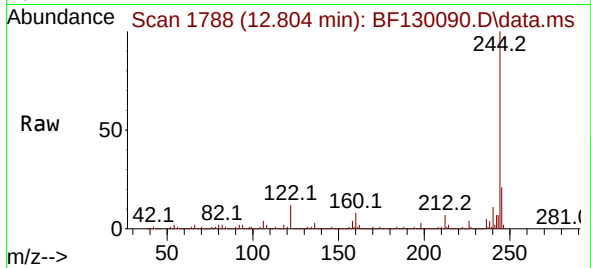




#77
Benzidine
Concen: 2.255 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.247 min
Lab File: BF130090.D
Acq: 01 Sep 2022 21:57

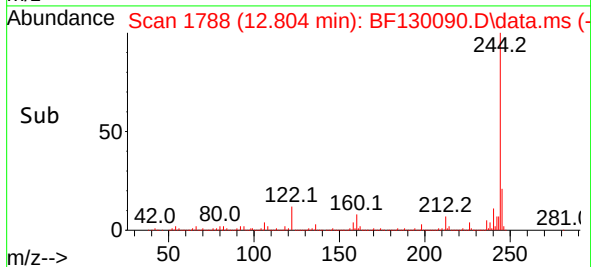
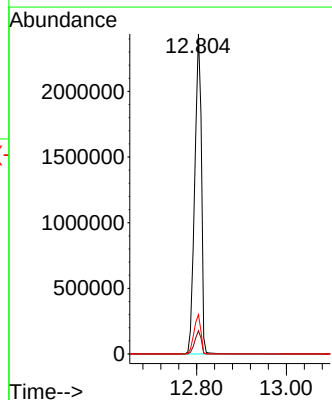
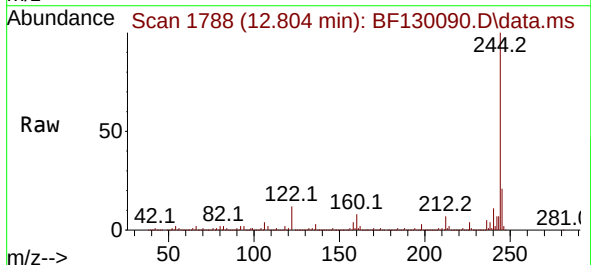
Instrument :
BNA_F
ClientSampleId :
256317-3

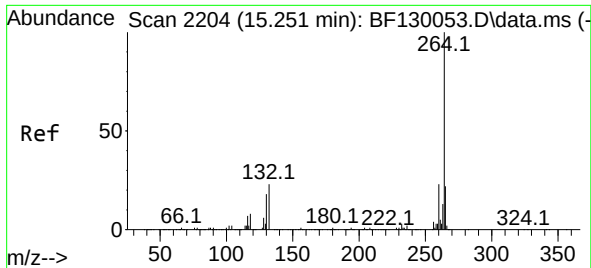
Tgt Ion:184 Resp: 34816
Ion Ratio Lower Upper
184 100
185 15.7 11.4 17.2
183 6.4 9.4 14.2#



#79
Terphenyl-d14
Concen: 76.004 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF130090.D
Acq: 01 Sep 2022 21:57

Tgt Ion:244 Resp: 2506737
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 12.3 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.245 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130090.D
Acq: 01 Sep 2022 21:57

Instrument :
BNA_F
ClientSampleId :
256317-3

Tgt Ion:264 Resp: 463225
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.8 16.7 25.1

