

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
 Data File : BF122036.D
 Acq On : 20 Oct 2020 18:39
 Operator : JU/CG
 Sample : L4457-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROOSEVELT-PR-2151

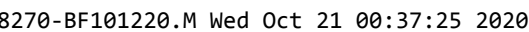
Quant Time: Oct 21 00:37:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 12:55:05 2020
 Response via : Initial Calibration

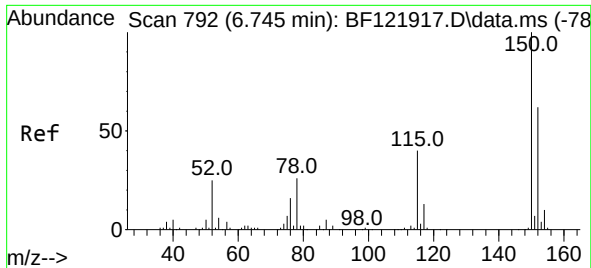
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	106311	20.00	ng	-0.02
21) Naphthalene-d8	8.010	136	422480	20.00	ng	-0.02
39) Acenaphthene-d10	9.763	164	219301	20.00	ng	-0.02
64) Phenanthrene-d10	11.251	188	412258	20.00	ng	-0.01
76) Chrysene-d12	13.892	240	301886	20.00	ng	-0.02
86) Perylene-d12	15.327	264	260709	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	271905	37.75	ng	-0.02
7) Phenol-d6	6.375	99	210482	22.70	ng	-0.02
23) Nitrobenzene-d5	7.298	82	844246	102.48	ng	-0.02
42) 2,4,6-Tribromophenol	10.557	330	240877	88.79	ng	-0.02
45) 2-Fluorobiphenyl	9.092	172	1424267	95.56	ng	-0.01
79) Terphenyl-d14	12.839	244	1611985	101.76	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.386	77	631	Below Cal	#	3
10) Phenol	6.392	94	44819	4.68	ng	84
15) Benzyl Alcohol	6.881	79	13887	2.32	ng	# 51
19) n-Nitroso-di-n-propyla...	7.298	70	115690	21.91	ng	# 79
25) Isophorone	7.298	82	844239	54.20	ng	# 67
50) Dimethylphthalate	9.486	163	191261	11.93	ng	100
57) 2,4-Dinitrotoluene	9.763	165	27745	6.41	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.557	198	332	4.54	ng	# 1
67) 4-Bromophenyl-phenylether	10.557	248	13906	2.92	ng	# 1
77) Benzidine	12.839	184	21648	2.33	ng	# 93

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

Quant Time: Oct 21 00:37:18 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 12:55:05 2020
Response via : Initial Calibration

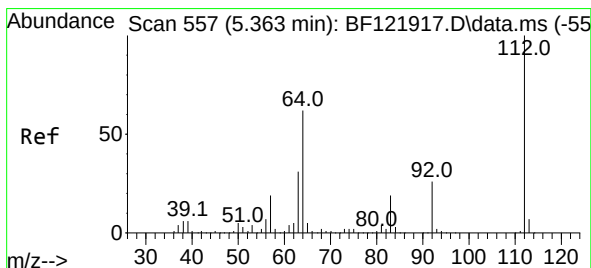
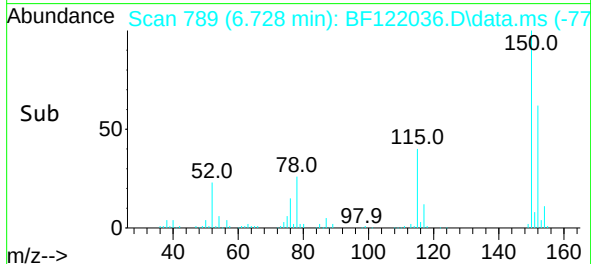
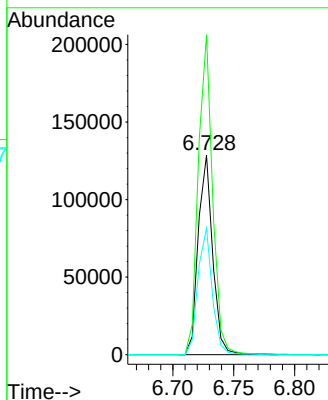
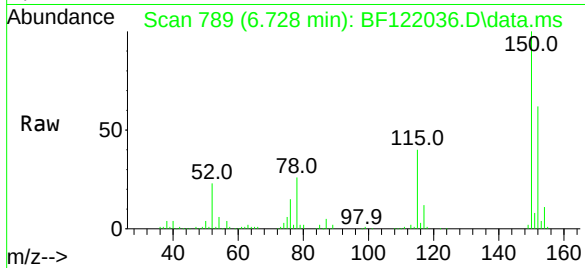




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.728 min Scan# 789
 Delta R.T. -0.017 min
 Lab File: BF122036.D
 Acq: 20 Oct 2020 18:39

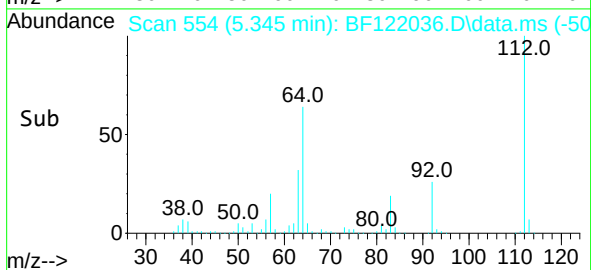
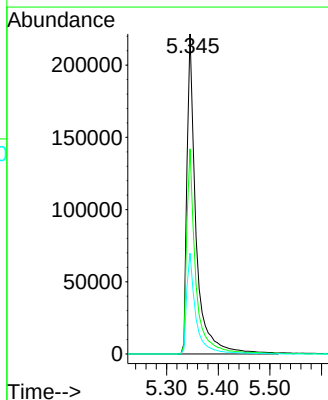
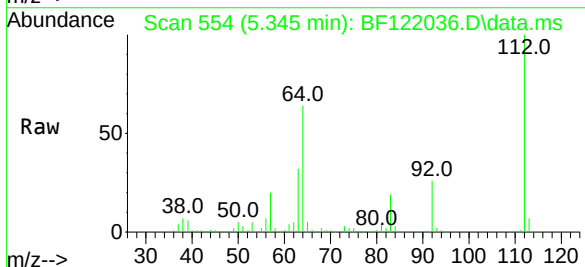
Instrument :
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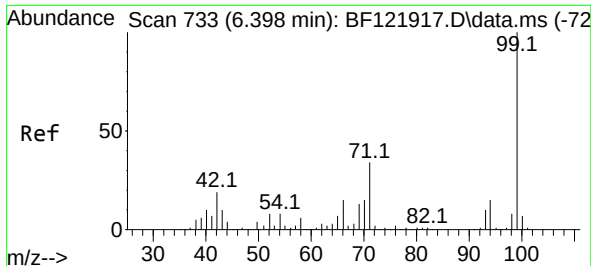
Tgt Ion:152 Resp: 106311
 Ion Ratio Lower Upper
 152 100
 150 160.2 125.3 187.9
 115 63.3 51.9 77.9



#5
 2-Fluorophenol
 Concen: 37.75 ng
 RT: 5.345 min Scan# 554
 Delta R.T. -0.018 min
 Lab File: BF122036.D
 Acq: 20 Oct 2020 18:39

Tgt Ion:112 Resp: 271905
 Ion Ratio Lower Upper
 112 100
 64 64.1 50.4 75.6
 63 31.5 25.8 38.6

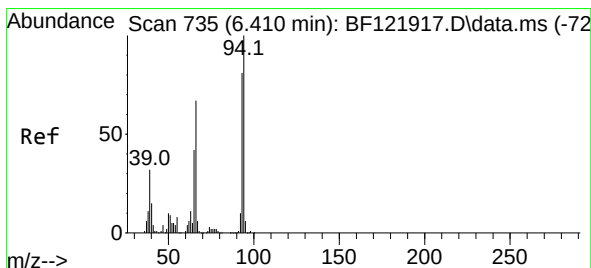
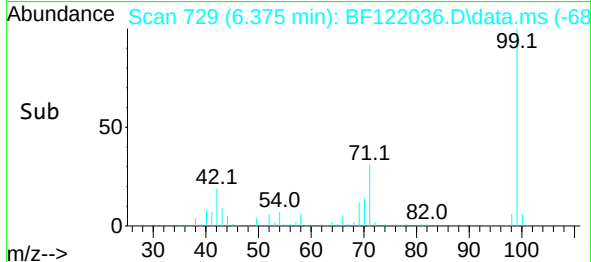
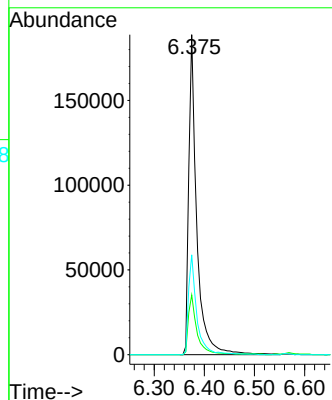
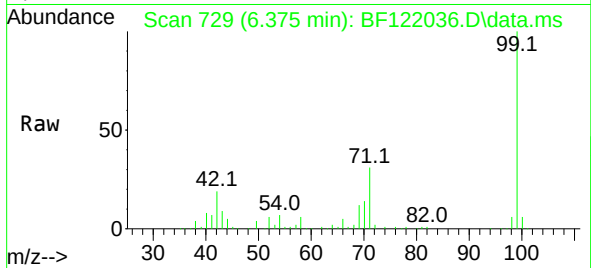




#7
Phenol-d6
Concen: 22.70 ng
RT: 6.375 min Scan# 729
Delta R.T. -0.018 min
Lab File: BF122036.D
Acq: 20 Oct 2020 18:39

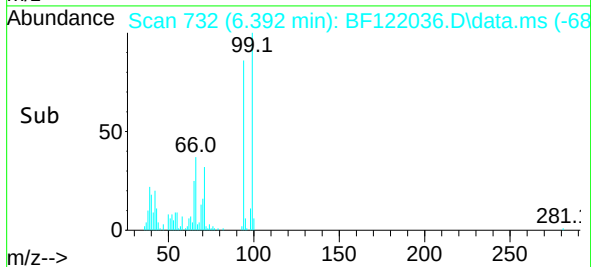
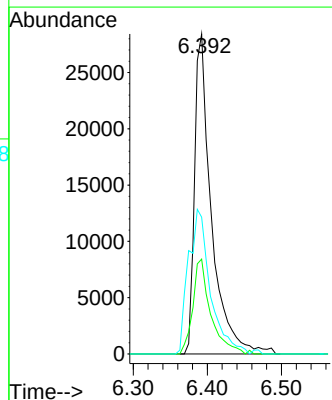
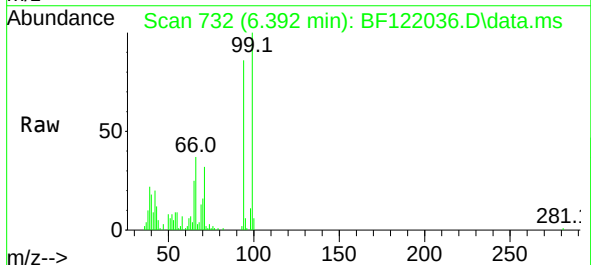
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ClientSampleId :
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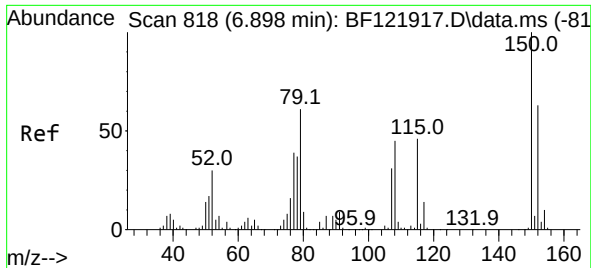
Tgt Ion: 99 Resp: 210482
Ion Ratio Lower Upper
99 100
42 18.6 15.9 23.9
71 31.2 27.1 40.7



#10
Phenol
Concen: 4.68 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.012 min
Lab File: BF122036.D
Acq: 20 Oct 2020 18:39

Tgt Ion: 94 Resp: 44819
Ion Ratio Lower Upper
94 100
65 29.6 17.1 57.1
66 42.7 36.0 76.0

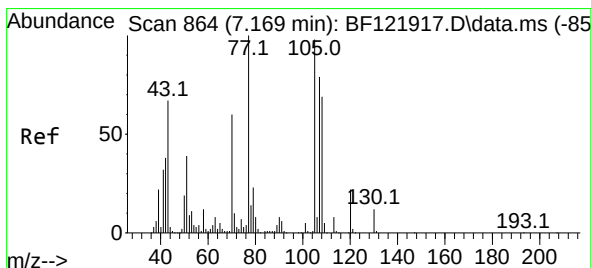
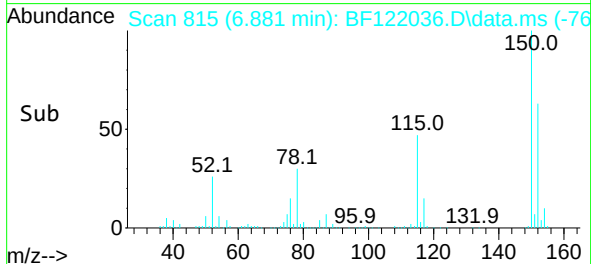
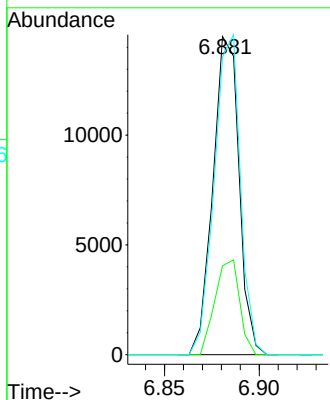
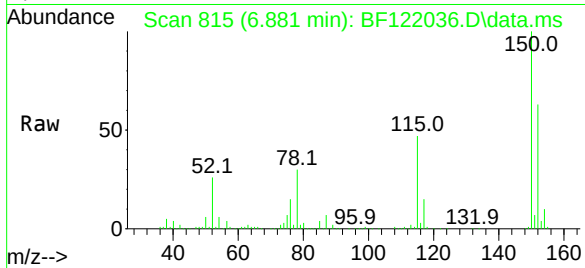




#15
Benzyl Alcohol
Concen: 2.32 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.018 min
Lab File: BF122036.D
Acq: 20 Oct 2020 18:39

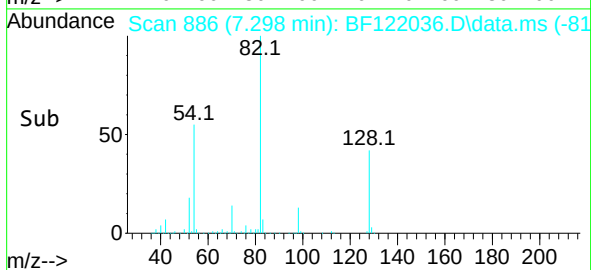
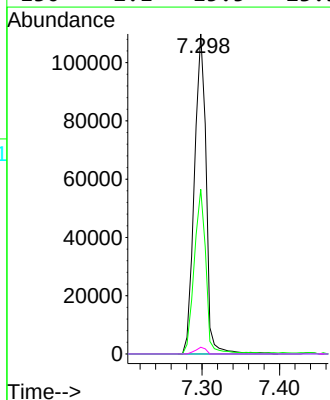
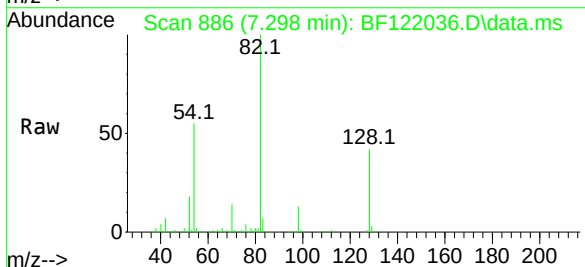
Instrument :
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ClientSampleId :
ROOSEVELT-PR-2151

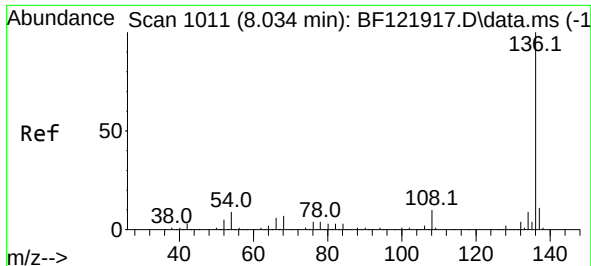
Tgt Ion: 79 Resp: 13887
Ion Ratio Lower Upper
79 100
108 27.9 62.3 93.5#
77 93.6 50.6 75.8#



#19
n-Nitroso-di-n-propylamine
Concen: 21.91 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.135 min
Lab File: BF122036.D
Acq: 20 Oct 2020 18:39

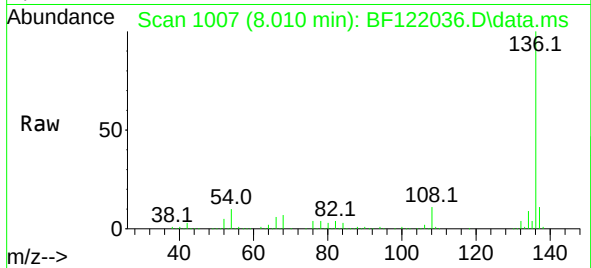
Tgt Ion: 70 Resp: 115690
Ion Ratio Lower Upper
70 100
42 51.5 50.2 75.4
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



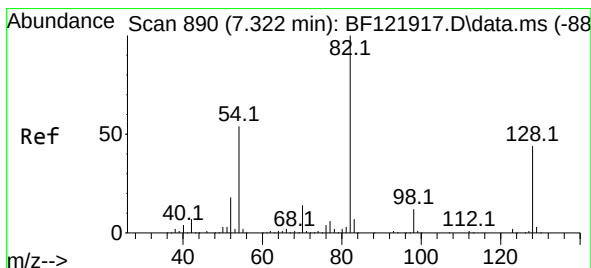
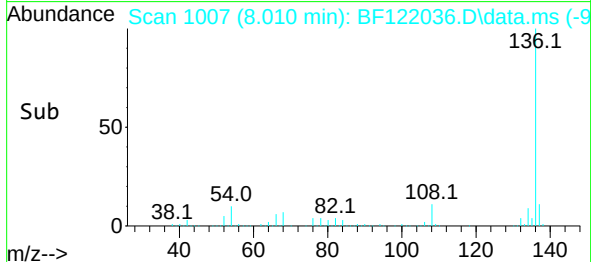
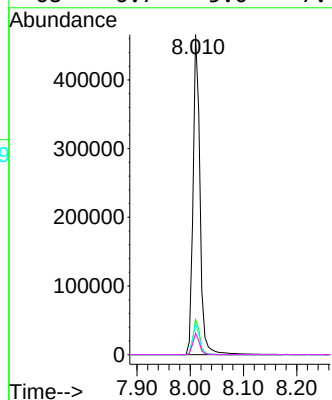


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.018 min
Lab File: BF122036.D
Acq: 20 Oct 2020 18:39

Instrument :
BNA_F
ClientSampleId :
ROOSEVELT-PR-2151

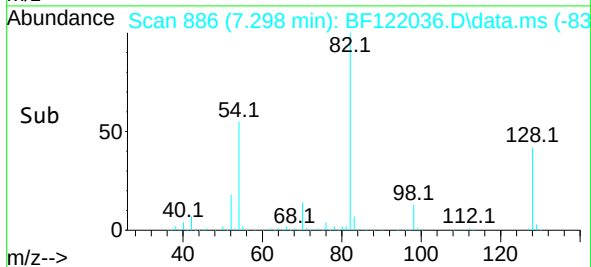
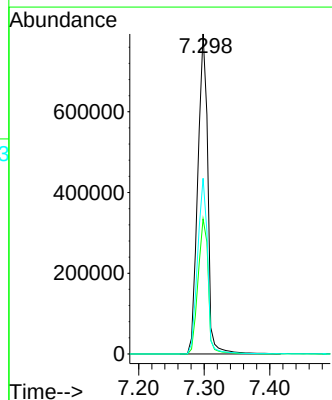
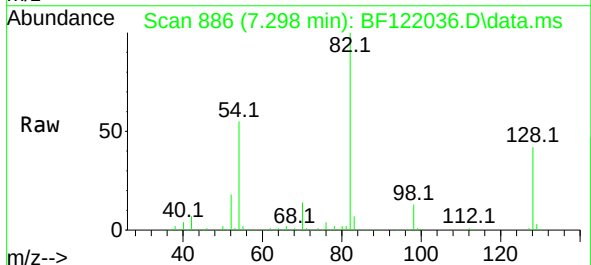


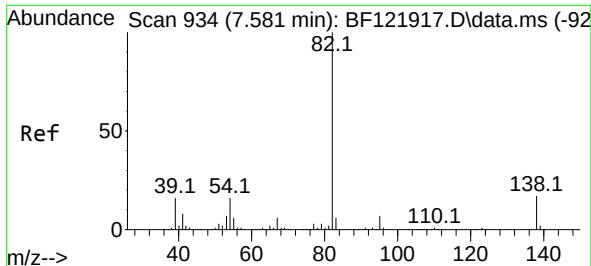
Tgt Ion:136 Resp: 422480
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.8 7.1 10.7
68 6.7 5.0 7.4



#23
Nitrobenzene-d5
Concen: 102.48 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.018 min
Lab File: BF122036.D
Acq: 20 Oct 2020 18:39

Tgt Ion: 82 Resp: 844246
Ion Ratio Lower Upper
82 100
128 42.2 35.0 52.4
54 54.9 43.9 65.9

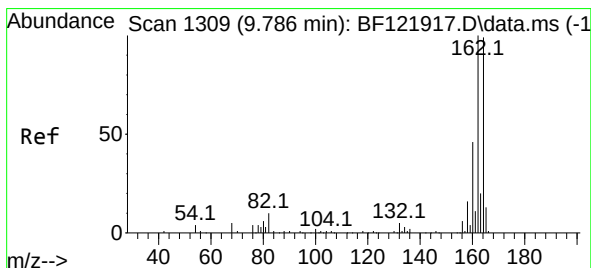
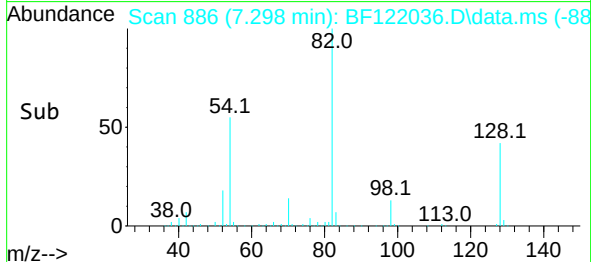
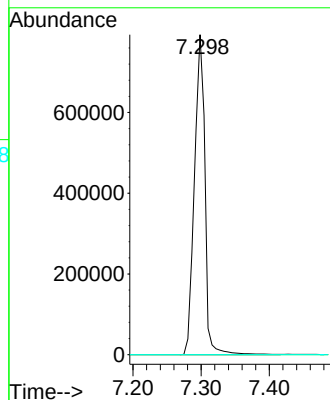
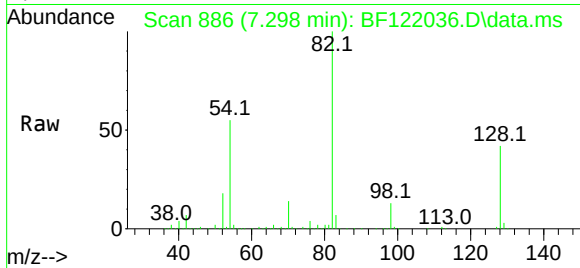




#25
Isophorone
Concen: 54.20 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.276 min
Lab File: BF122036.D
Acq: 20 Oct 2020 18:39

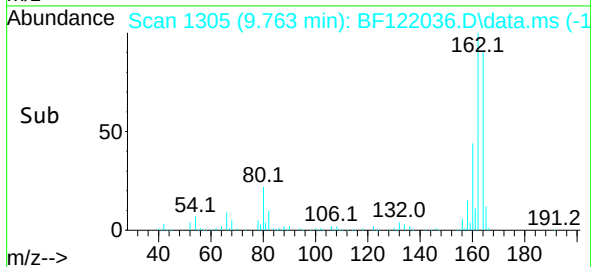
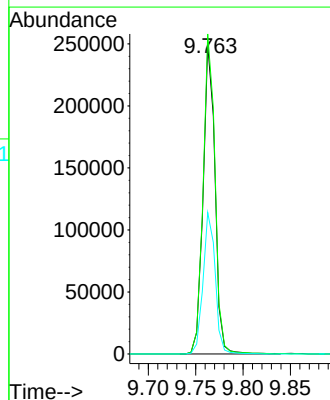
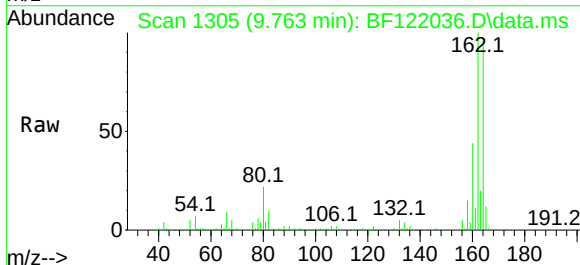
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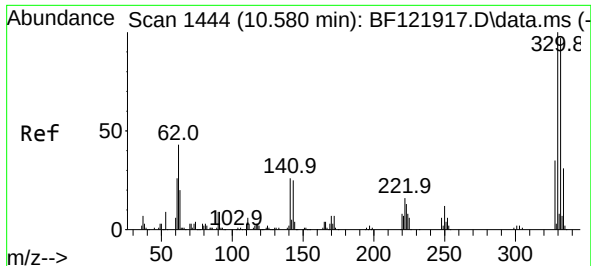
Tgt Ion: 82 Resp: 844239
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.018 min
Lab File: BF122036.D
Acq: 20 Oct 2020 18:39

Tgt Ion:164 Resp: 219301
Ion Ratio Lower Upper
164 100
162 103.4 83.2 124.8
160 45.7 37.5 56.3

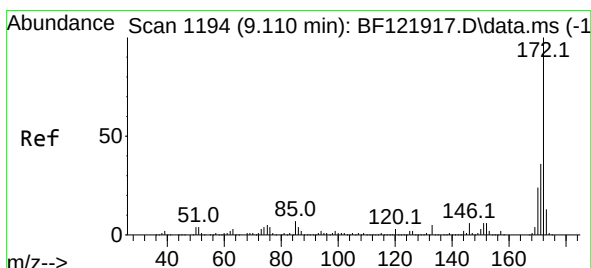
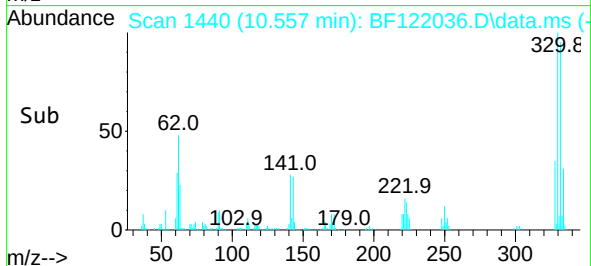
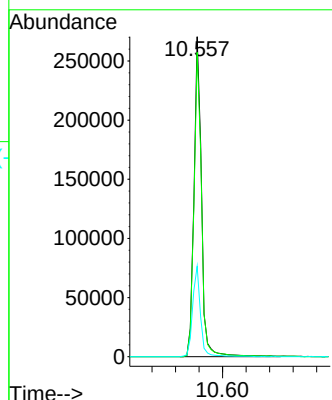
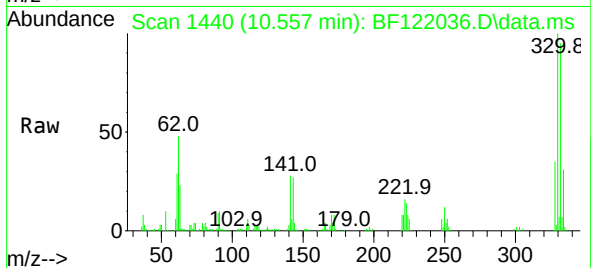




#42
2,4,6-Tribromophenol
Concen: 88.79 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.018 min
Lab File: BF122036.D
Acq: 20 Oct 2020 18:39

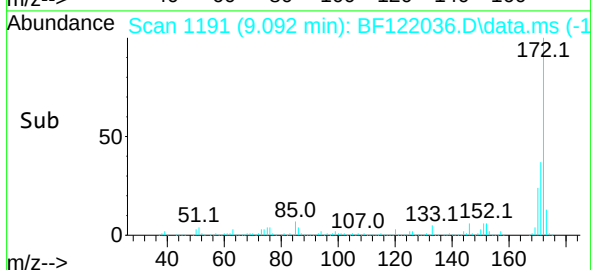
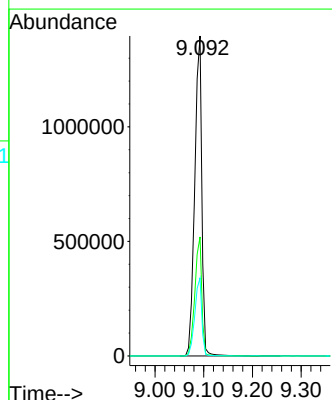
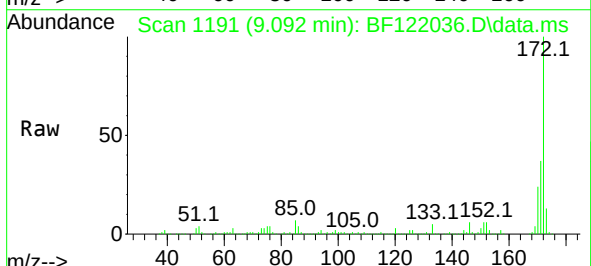
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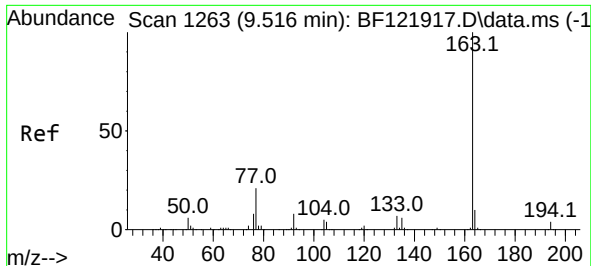
Tgt Ion:330 Resp: 240877
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 29.7 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 95.56 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.012 min
Lab File: BF122036.D
Acq: 20 Oct 2020 18:39

Tgt Ion:172 Resp: 1424267
Ion Ratio Lower Upper
172 100
171 37.2 29.1 43.7
170 24.4 19.8 29.6

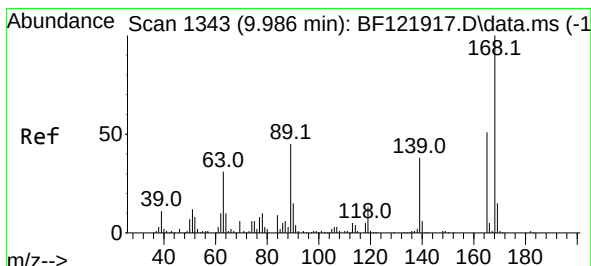
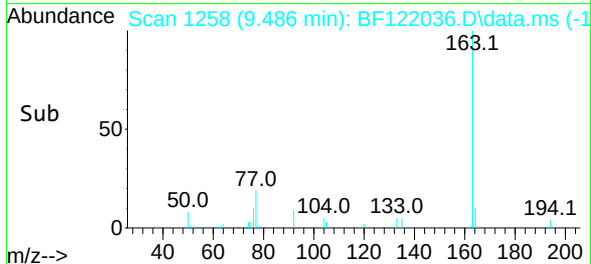
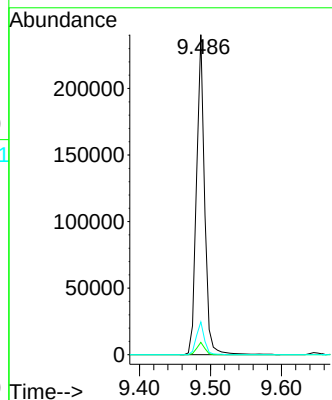
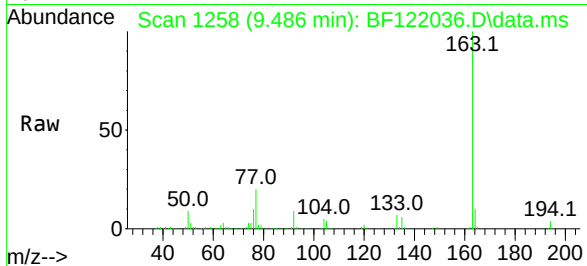




#50
Dimethylphthalate
Concen: 11.93 ng
RT: 9.486 min Scan# 1258
Delta R.T. -0.018 min
Lab File: BF122036.D
Acq: 20 Oct 2020 18:39

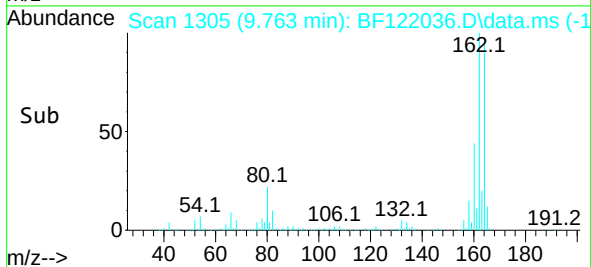
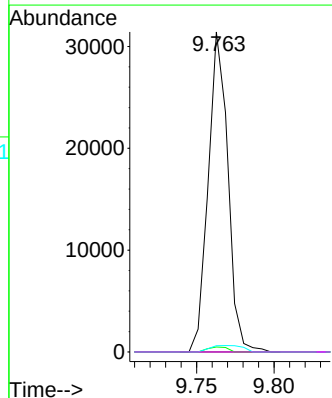
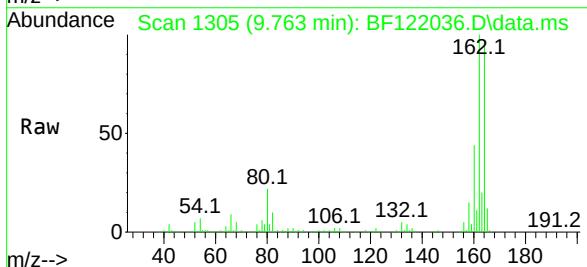
Instrument :
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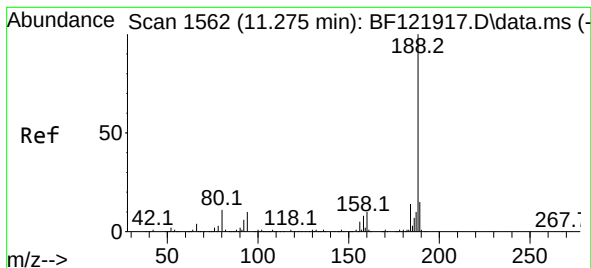
Tgt Ion:163 Resp: 191261
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.3 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.41 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.223 min
Lab File: BF122036.D
Acq: 20 Oct 2020 18:39

Tgt Ion:165 Resp: 27745
Ion Ratio Lower Upper
165 100
63 1.5 41.3 61.9#
89 2.0 61.8 92.8#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.251 min Scan# 1558

Delta R.T. -0.012 min

Lab File: BF122036.D

Acq: 20 Oct 2020 18:39

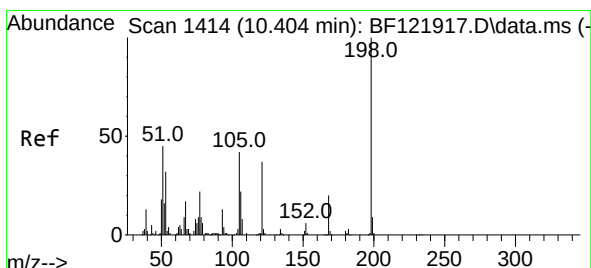
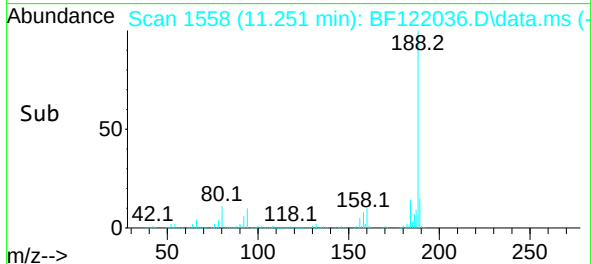
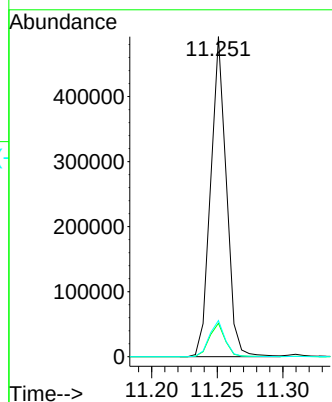
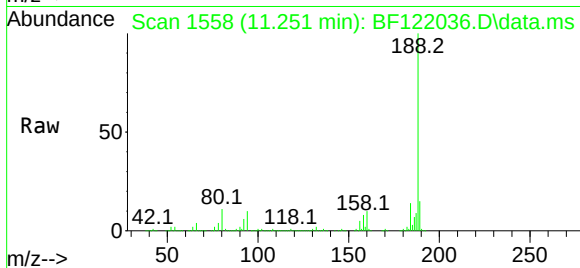
Tgt Ion:188 Resp: 412258

Ion Ratio Lower Upper

188 100

94 10.4 8.3 12.5

80 11.3 9.1 13.7



#65

4,6-Dinitro-2-methylphenol

Concen: 4.54 ng

RT: 10.557 min Scan# 1440

Delta R.T. 0.159 min

Lab File: BF122036.D

Acq: 20 Oct 2020 18:39

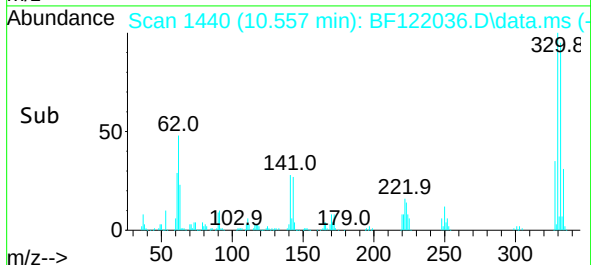
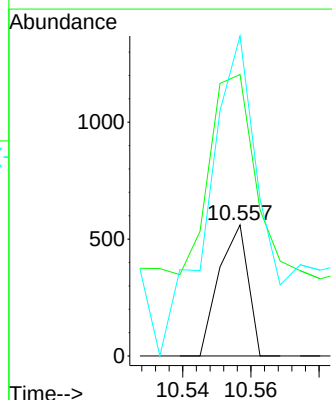
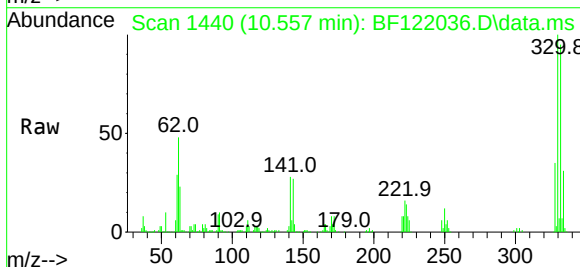
Tgt Ion:198 Resp: 332

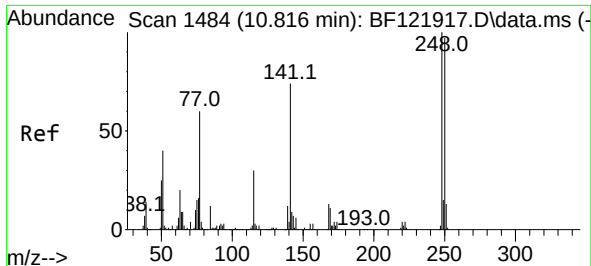
Ion Ratio Lower Upper

198 100

51 214.6 29.6 69.6#

105 244.0 24.4 64.4#

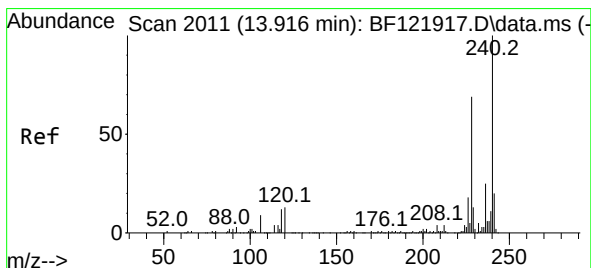
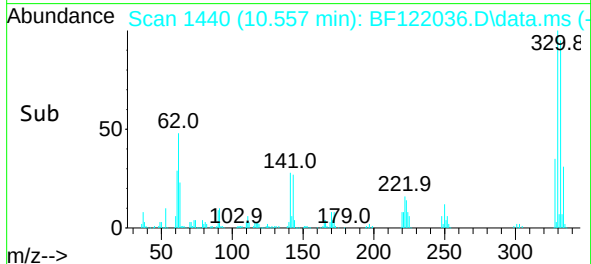
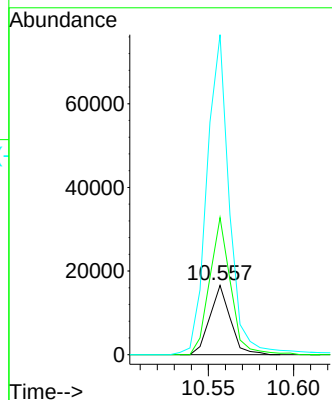
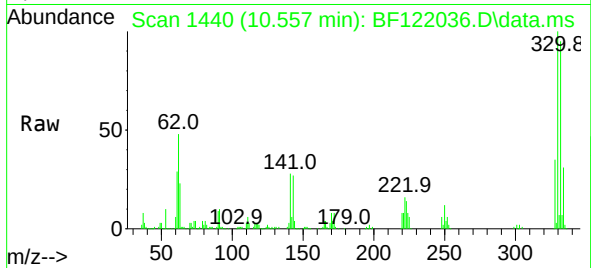




#67
4-Bromophenyl-phenylether
Concen: 2.92 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.253 min
Lab File: BF122036.D
Acq: 20 Oct 2020 18:39

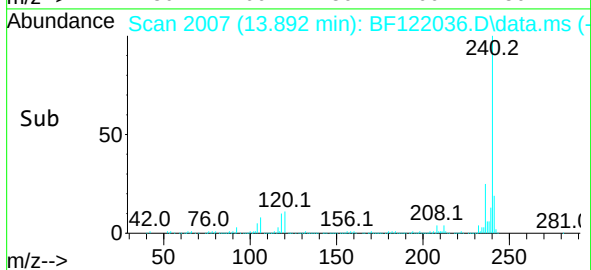
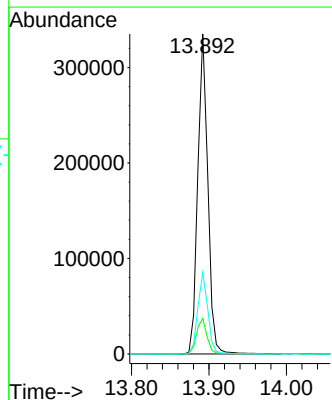
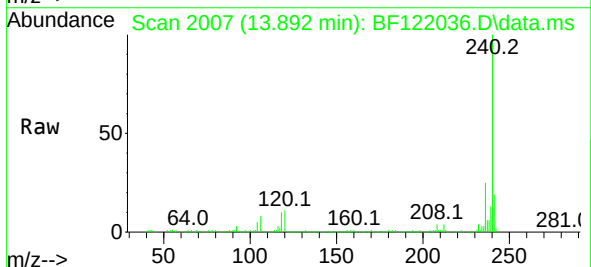
Instrument :
BNA_F
ClientSampleId :
ROOSEVELT-PR-2151

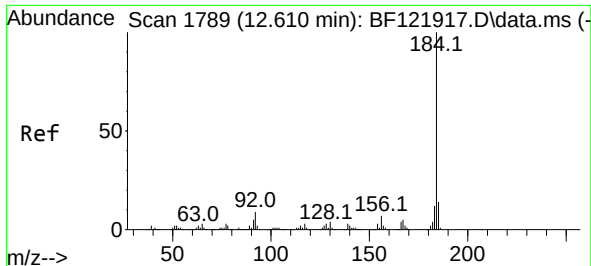
Tgt Ion:248 Resp: 13906
Ion Ratio Lower Upper
248 100
250 197.9 77.0 115.6#
141 461.9 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.018 min
Lab File: BF122036.D
Acq: 20 Oct 2020 18:39

Tgt Ion:240 Resp: 301886
Ion Ratio Lower Upper
240 100
120 11.1 9.2 13.8
236 25.4 20.9 31.3

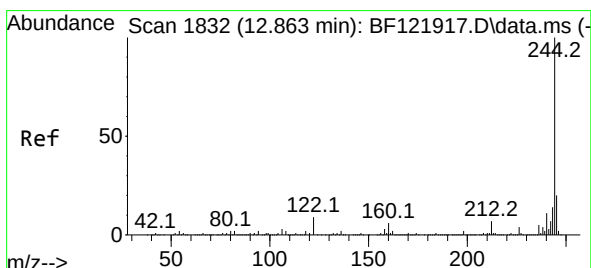
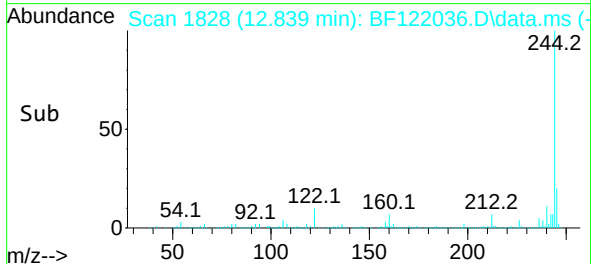
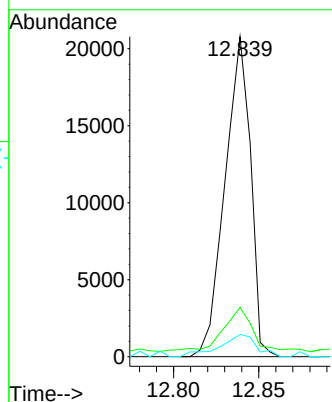
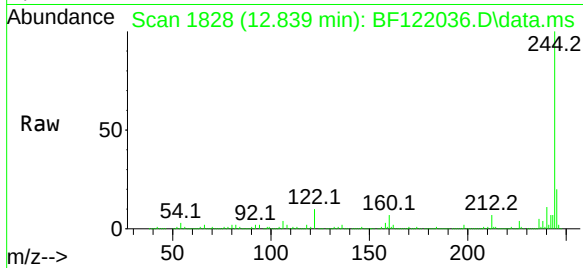




#77
Benzidine
Concen: 2.33 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.235 min
Lab File: BF122036.D
Acq: 20 Oct 2020 18:39

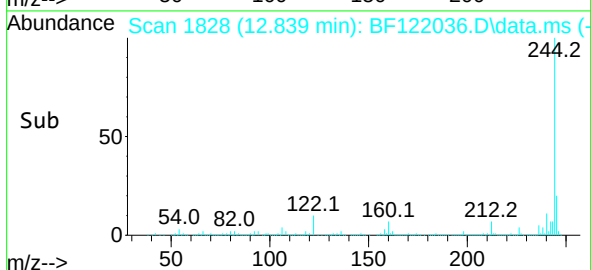
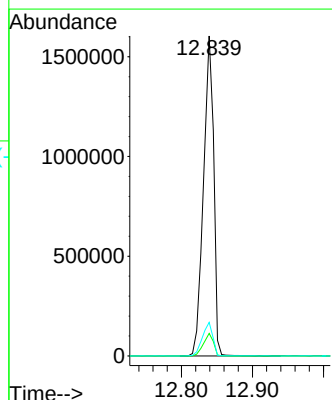
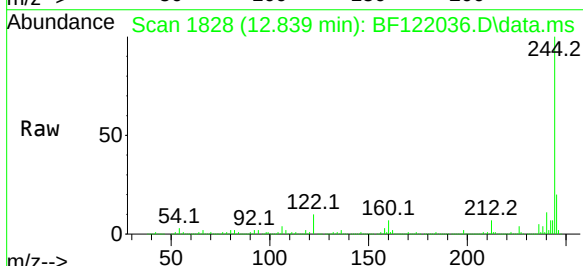
Instrument :
BNA_F
ClientSampleId :
ROOSEVELT-PR-2151

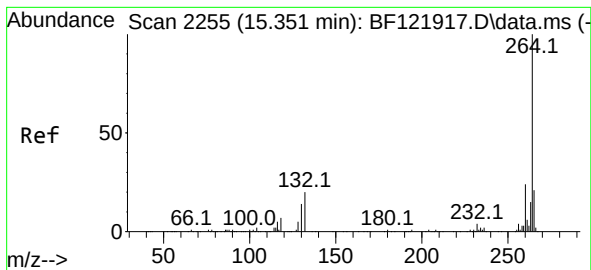
Tgt Ion:184 Resp: 21648
Ion Ratio Lower Upper
184 100
185 15.4 11.6 17.4
183 7.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 101.76 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.012 min
Lab File: BF122036.D
Acq: 20 Oct 2020 18:39

Tgt Ion:244 Resp: 1611985
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 10.5 8.1 12.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.327 min Scan# 2251
Delta R.T. -0.012 min
Lab File: BF122036.D
Acq: 20 Oct 2020 18:39

Instrument :
BNA_F
ClientSampleId :
ROOSEVELT-PR-2151

Tgt Ion:264 Resp: 260709

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.0	17.3	25.9

