

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
 Data File : BF122025.D
 Acq On : 20 Oct 2020 12:56
 Operator : JU/CG
 Sample : PB132463BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132463BL

Quant Time: Oct 20 13:19:53 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)

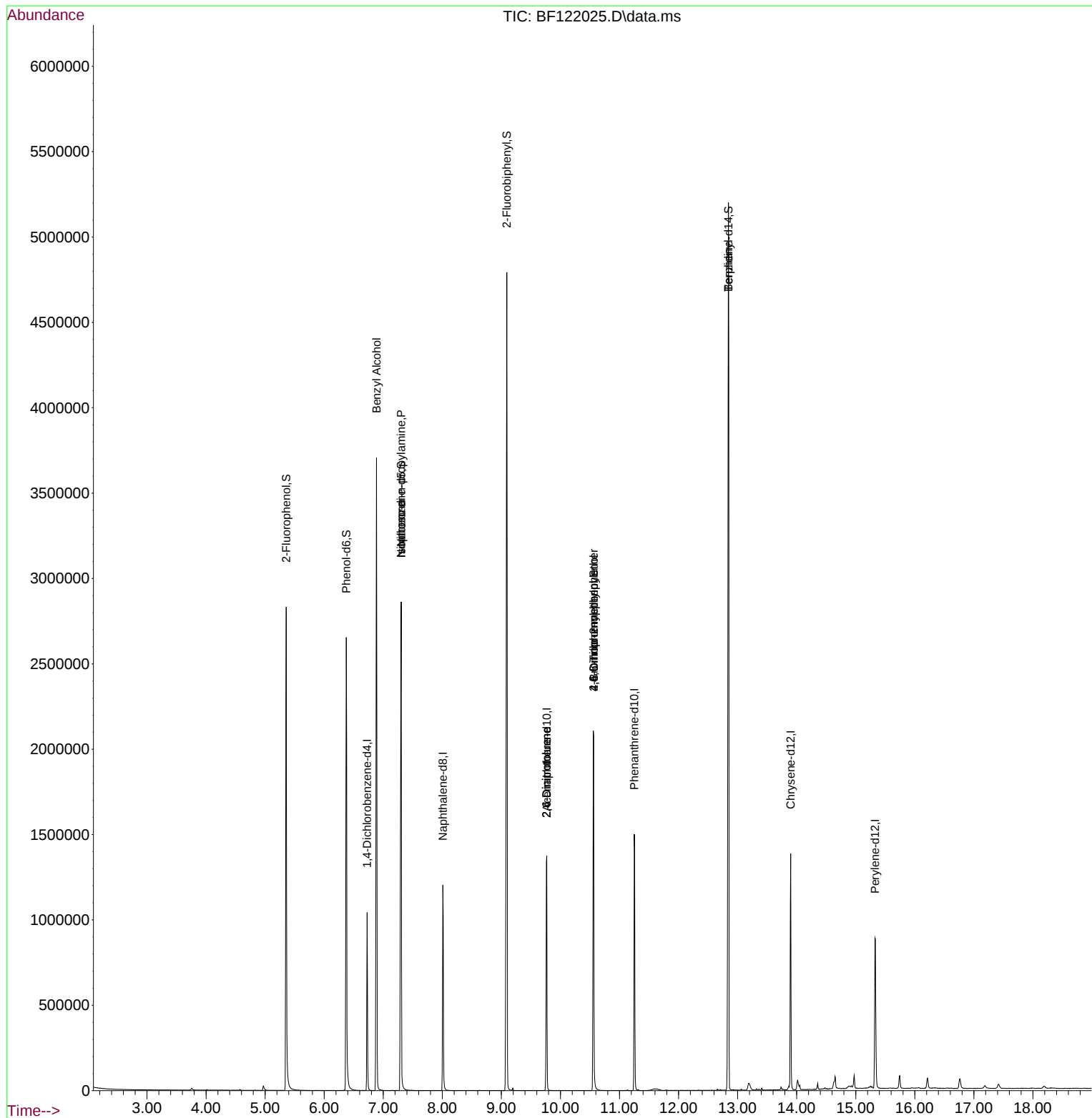
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	144367	20.00	ng	-0.02
21) Naphthalene-d8	8.010	136	571345	20.00	ng	-0.02
39) Acenaphthene-d10	9.769	164	303546	20.00	ng	-0.01
64) Phenanthrene-d10	11.251	188	583127	20.00	ng	-0.01
76) Chrysene-d12	13.898	240	462893	20.00	ng	-0.01
86) Perylene-d12	15.327	264	383795	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	785817	80.34	ng	0.00
7) Phenol-d6	6.375	99	1000923	79.49	ng	-0.02
23) Nitrobenzene-d5	7.304	82	1078225	96.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.563	330	314264	83.69	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	1831705	88.79	ng	-0.01
79) Terphenyl-d14	12.845	244	2305416	94.92	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.375	77	1475	Below Cal	#	3
15) Benzyl Alcohol	6.887	79	17104	2.10	ng	# 50
19) n-Nitroso-di-n-propyla...	7.304	70	147375	20.56	ng	# 77
25) Isophorone	7.304	82	1078217	51.18	ng	# 67
51) 2,6-Dinitrotoluene	9.763	165	38733	7.96	ng	# 21
57) 2,4-Dinitrotoluene	9.763	165	38733	6.46	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.563	198	575	4.57	ng	# 1
67) 4-Bromophenyl-phenylether	10.563	248	18169	2.70	ng	# 1
77) Benzidine	12.845	184	28610	2.00	ng	# 92

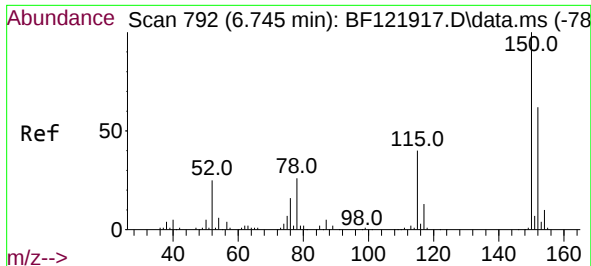
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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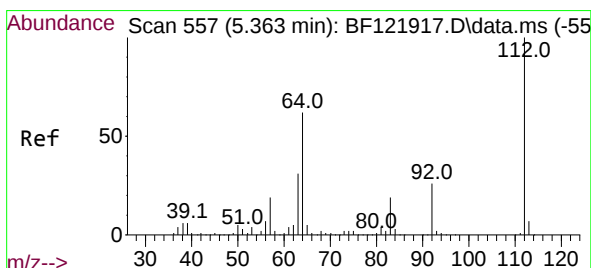
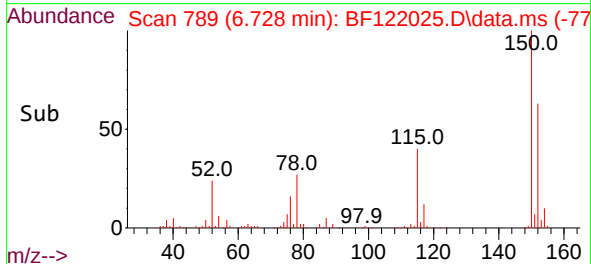
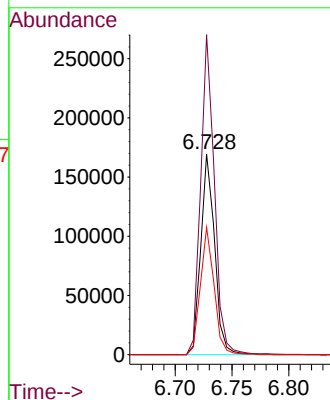
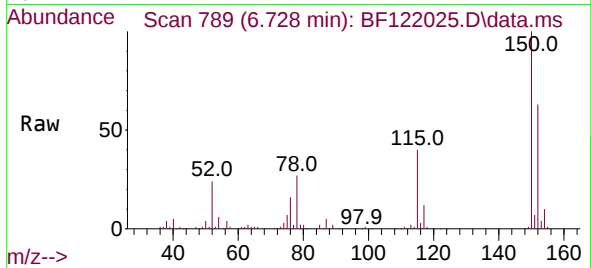




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.728 min Scan# 789
 Delta R.T. -0.017 min
 Lab File: BF122025.D
 Acq: 20 Oct 2020 12:56

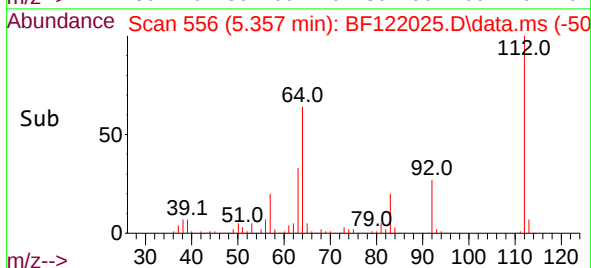
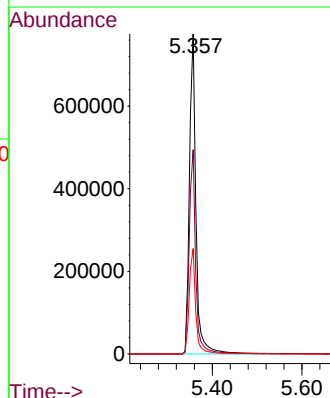
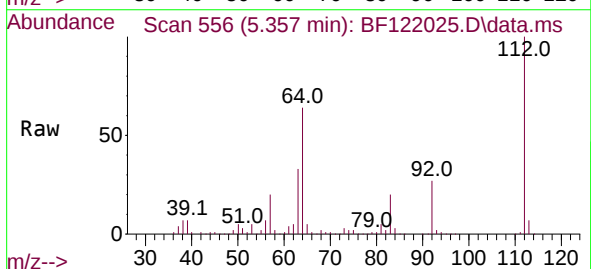
Instrument :
 BNA_F
 ClientSampleId :
 PB132463BL

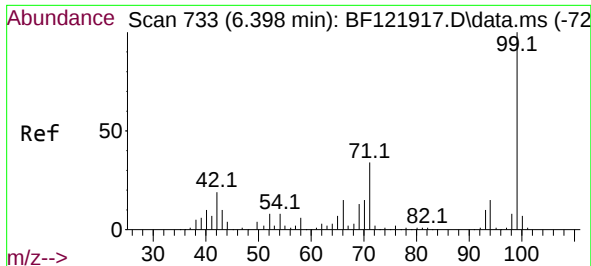
Tgt Ion:152 Resp: 144367
 Ion Ratio Lower Upper
 152 100
 150 159.5 125.3 187.9
 115 63.5 51.9 77.9



#5
 2-Fluorophenol
 Concen: 80.34 ng
 RT: 5.357 min Scan# 556
 Delta R.T. -0.006 min
 Lab File: BF122025.D
 Acq: 20 Oct 2020 12:56

Tgt Ion:112 Resp: 785817
 Ion Ratio Lower Upper
 112 100
 64 63.8 50.4 75.6
 63 33.0 25.8 38.6

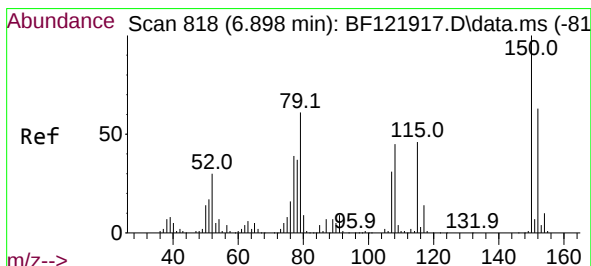
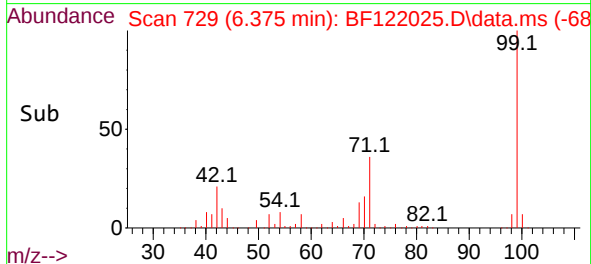
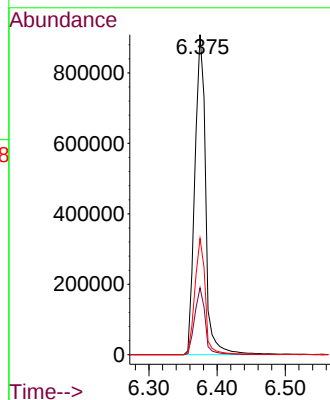
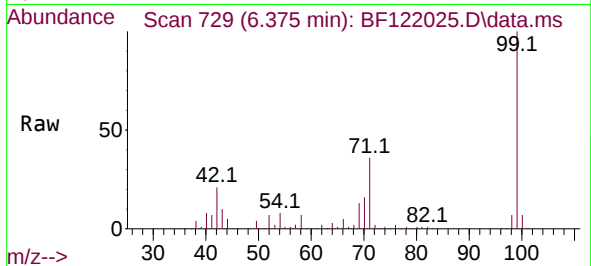




#7
Phenol-d6
Concen: 79.49 ng
RT: 6.375 min Scan# 729
Delta R.T. -0.018 min
Lab File: BF122025.D
Acq: 20 Oct 2020 12:56

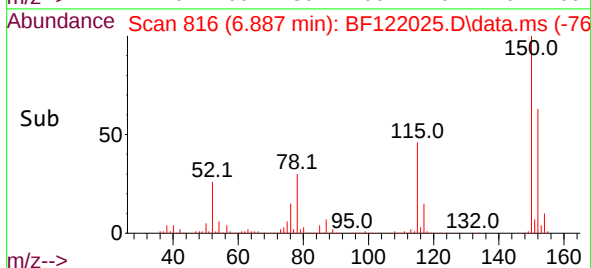
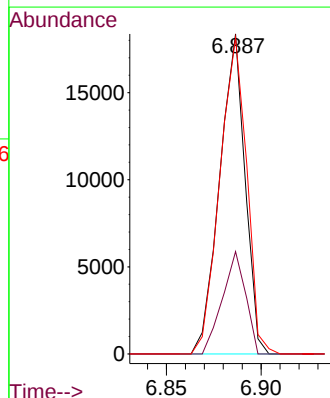
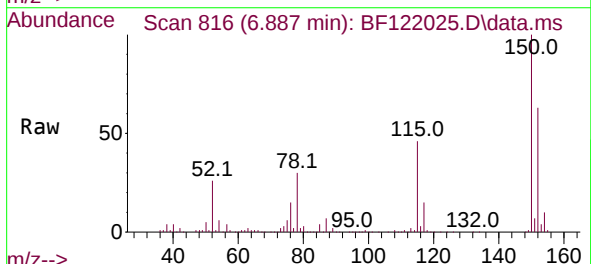
Instrument :
BNA_F
ClientSampleId :
PB132463BL

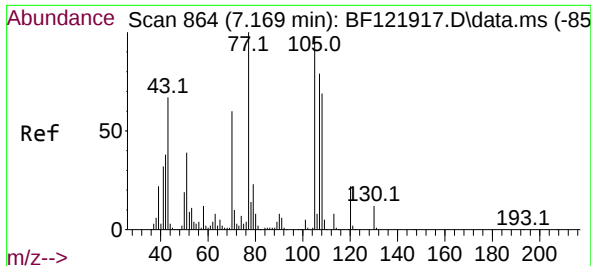
Tgt Ion: 99 Resp: 1000923
Ion Ratio Lower Upper
99 100
42 20.9 15.9 23.9
71 36.3 27.1 40.7



#15
Benzyl Alcohol
Concen: 2.10 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF122025.D
Acq: 20 Oct 2020 12:56

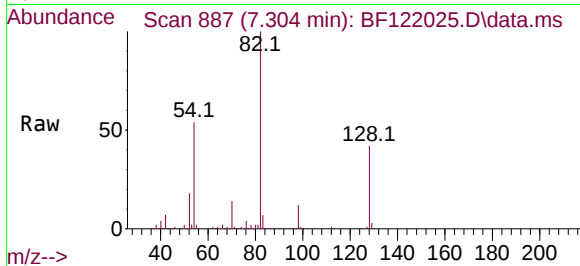
Tgt Ion: 79 Resp: 17104
Ion Ratio Lower Upper
79 100
108 32.0 62.3 93.5#
77 98.9 50.6 75.8#



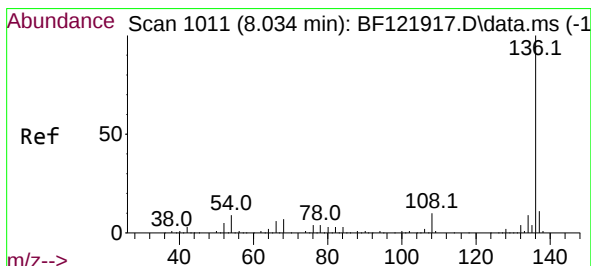
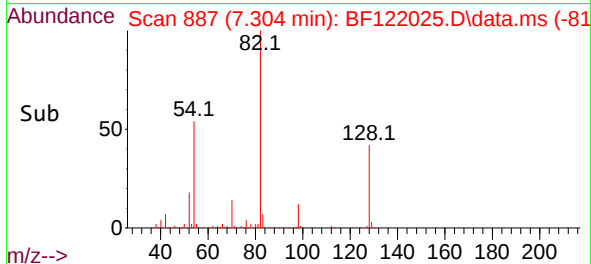
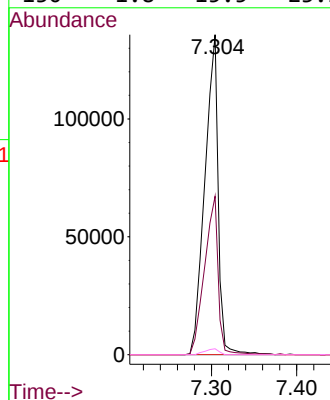


#19
n-Nitroso-di-n-propylamine
Concen: 20.56 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.141 min
Lab File: BF122025.D
Acq: 20 Oct 2020 12:56

Instrument :
BNA_F
ClientSampleId :
PB132463BL

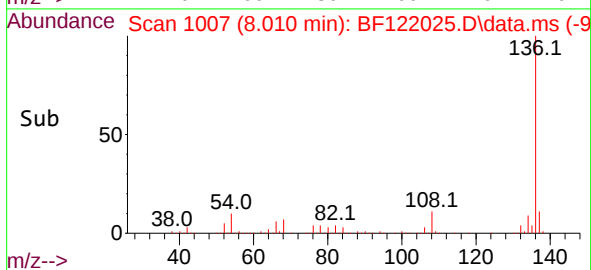
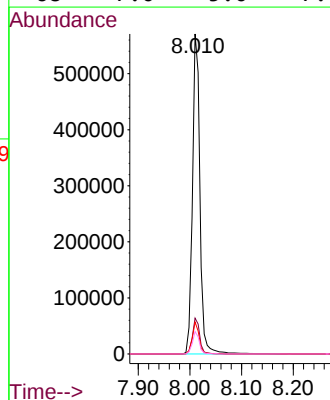
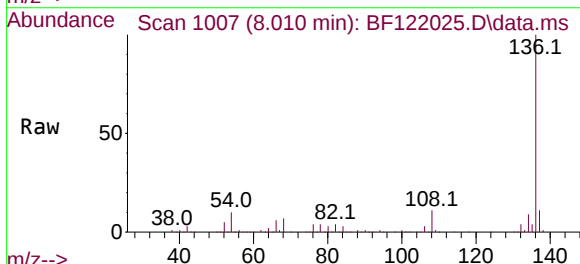


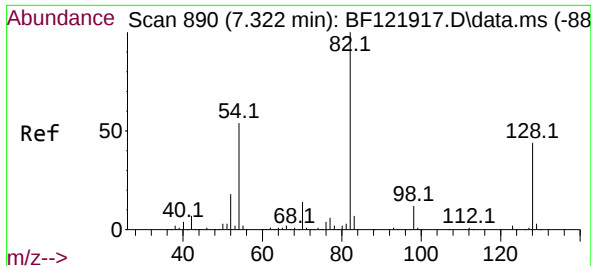
Tgt Ion: 70 Resp: 147375
Ion Ratio Lower Upper
70 100
42 49.5 50.2 75.4#
101 0.0 7.5 11.3#
130 1.8 15.5 23.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.018 min
Lab File: BF122025.D
Acq: 20 Oct 2020 12:56

Tgt Ion: 136 Resp: 571345
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.9 7.1 10.7
68 7.0 5.0 7.4

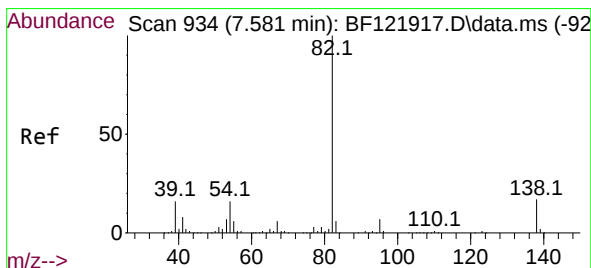
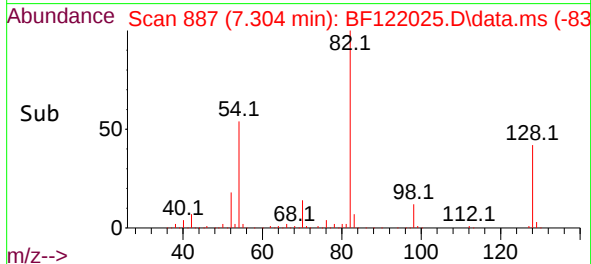
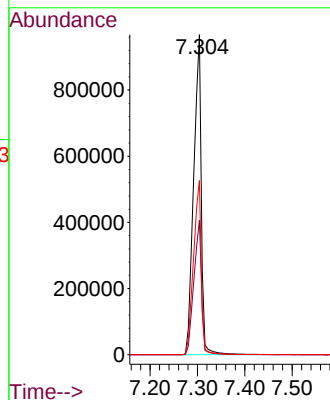
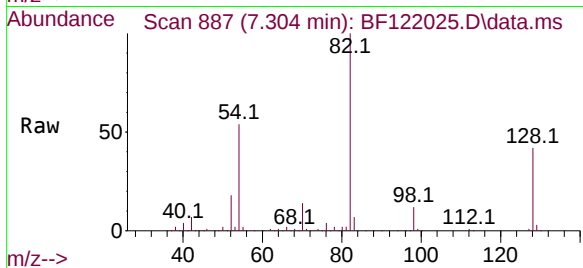




#23
Nitrobenzene-d5
Concen: 96.78 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF122025.D
Acq: 20 Oct 2020 12:56

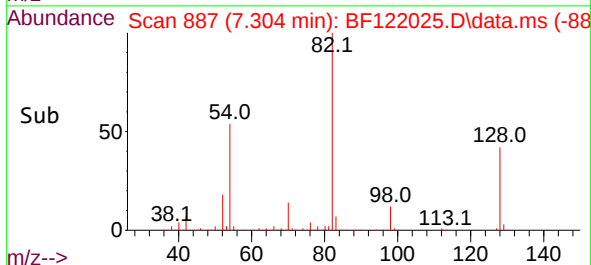
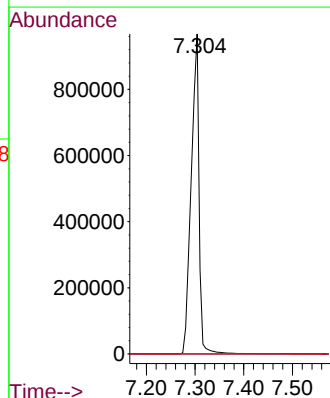
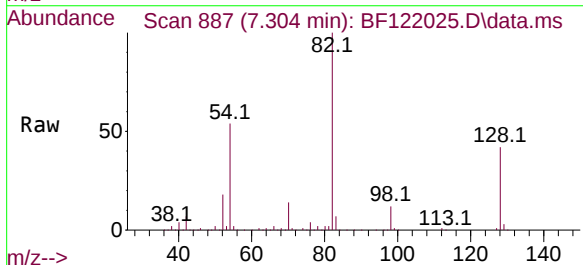
Instrument :
BNA_F
ClientSampleId :
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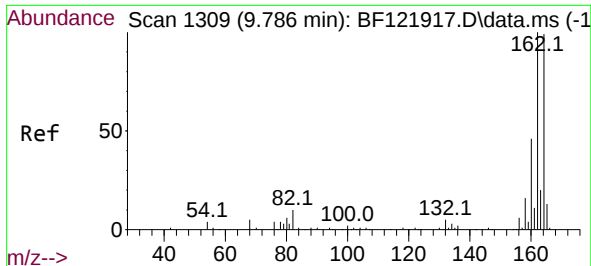
Tgt Ion: 82 Resp: 1078225
Ion Ratio Lower Upper
82 100
128 42.0 35.0 52.4
54 54.4 43.9 65.9



#25
Isophorone
Concen: 51.18 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.270 min
Lab File: BF122025.D
Acq: 20 Oct 2020 12:56

Tgt Ion: 82 Resp: 1078217
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: 9.769 min Scan# 1306

Delta R.T. -0.012 min

Lab File: BF122025.D

Acq: 20 Oct 2020 12:56

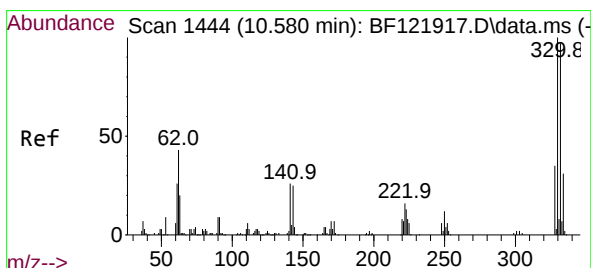
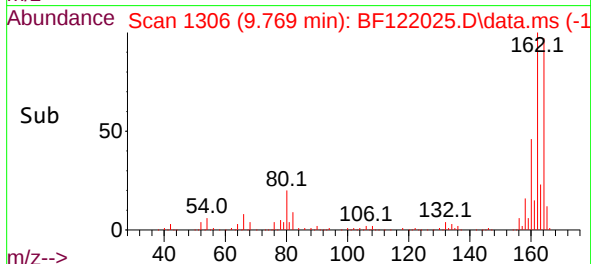
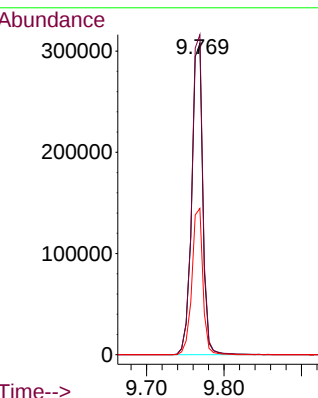
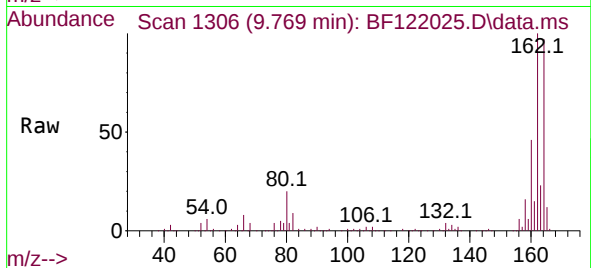
Tgt Ion:164 Resp: 303546

Ion Ratio Lower Upper

164 100

162 102.8 83.2 124.8

160 47.0 37.5 56.3



#42

2,4,6-Tribromophenol

Concen: 83.69 ng

RT: 10.563 min Scan# 1441

Delta R.T. -0.012 min

Lab File: BF122025.D

Acq: 20 Oct 2020 12:56

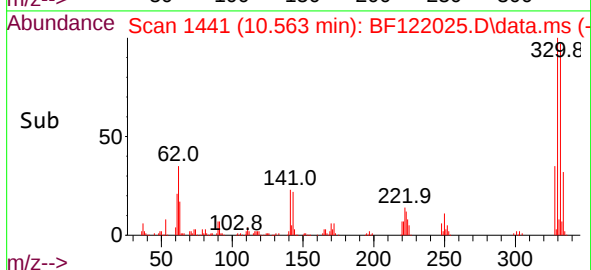
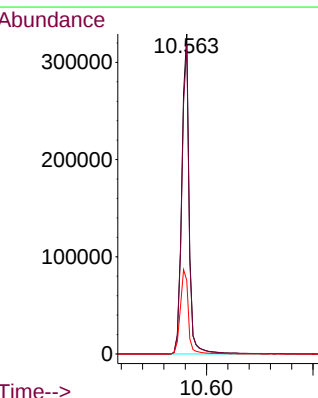
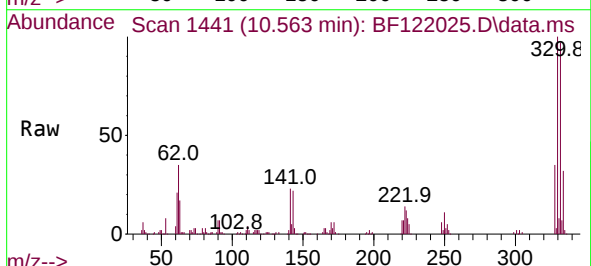
Tgt Ion:330 Resp: 314264

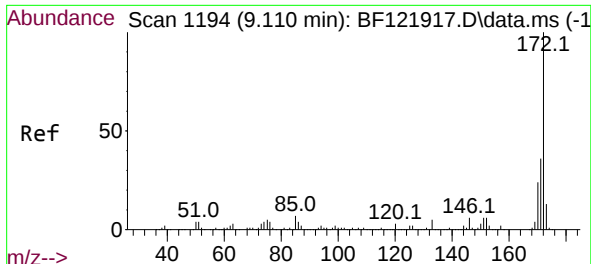
Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

141 28.8 22.3 33.5

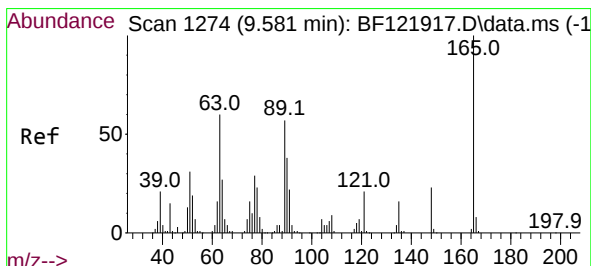
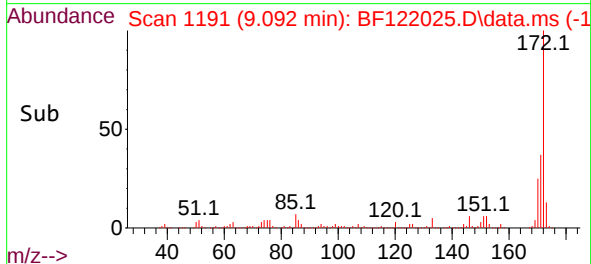
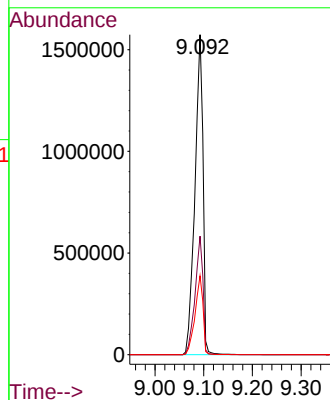
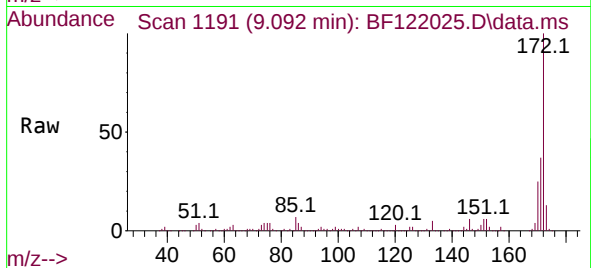




#45
2-Fluorobiphenyl
Concen: 88.79 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.012 min
Lab File: BF122025.D
Acq: 20 Oct 2020 12:56

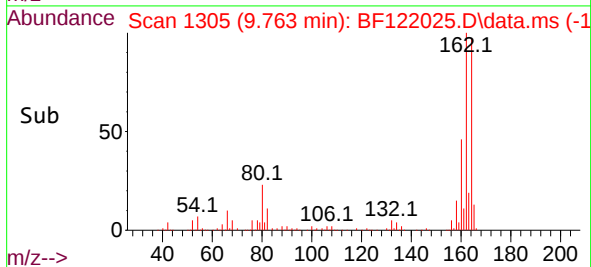
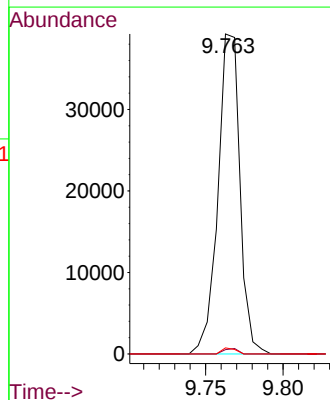
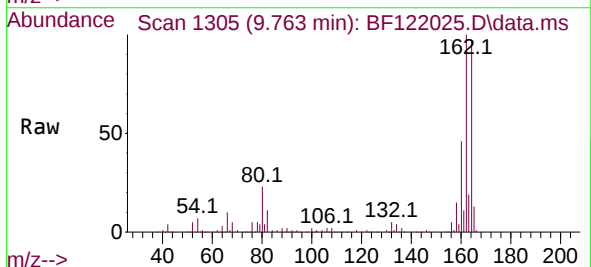
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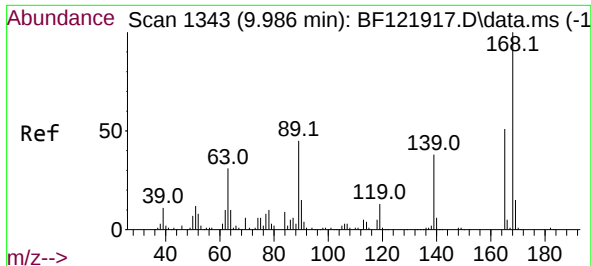
Tgt Ion:172 Resp: 1831705
Ion Ratio Lower Upper
172 100
171 37.1 29.1 43.7
170 24.6 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 7.96 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.188 min
Lab File: BF122025.D
Acq: 20 Oct 2020 12:56

Tgt Ion:165 Resp: 38733
Ion Ratio Lower Upper
165 100
63 1.3 51.8 77.6#
89 1.9 49.0 73.6#

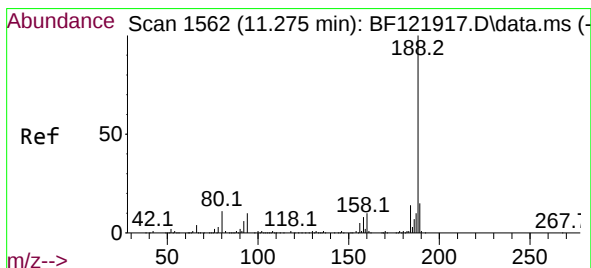
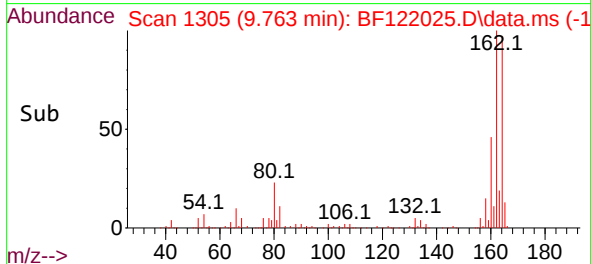
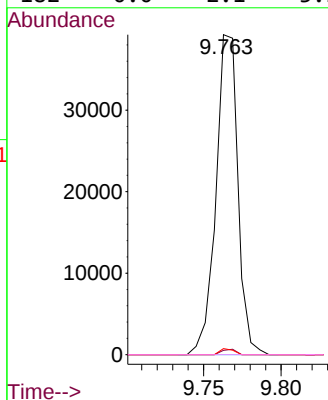
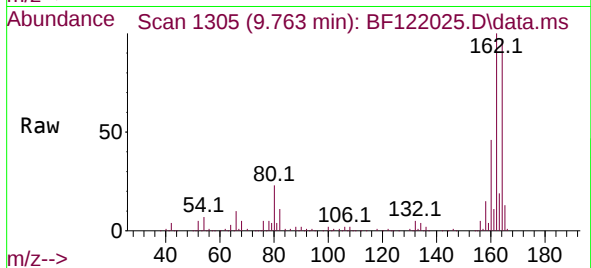




#57
2,4-Dinitrotoluene
Concen: 6.46 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.223 min
Lab File: BF122025.D
Acq: 20 Oct 2020 12:56

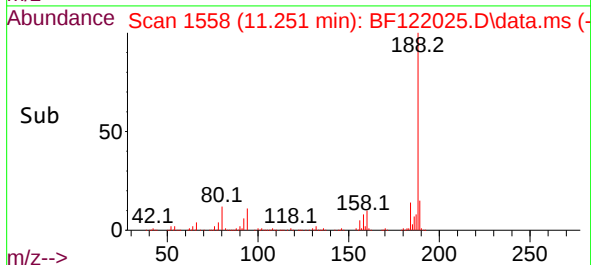
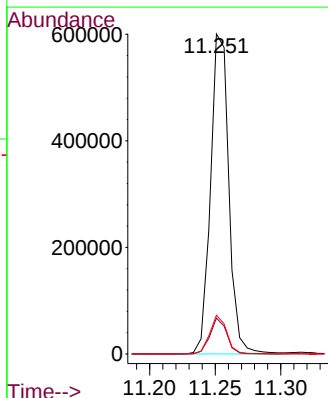
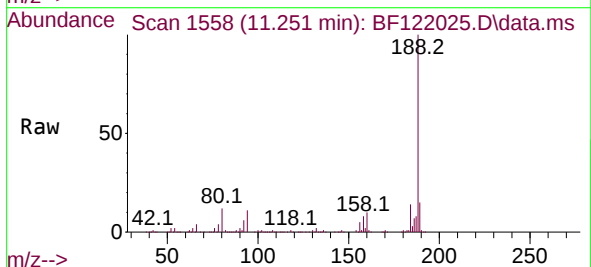
Instrument :
BNA_F
ClientSampleId :
PB132463BL

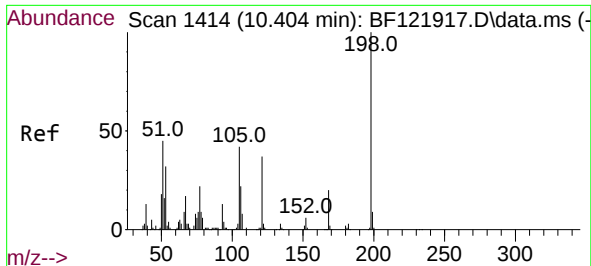
Tgt Ion:165	Resp:	38733
Ion Ratio	Lower	Upper
165	100	
63	1.3	41.3 61.9#
89	1.9	61.8 92.8#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.012 min
Lab File: BF122025.D
Acq: 20 Oct 2020 12:56

Tgt Ion:188	Resp:	583127
Ion Ratio	Lower	Upper
188	100	
94	11.2	8.3 12.5
80	12.1	9.1 13.7

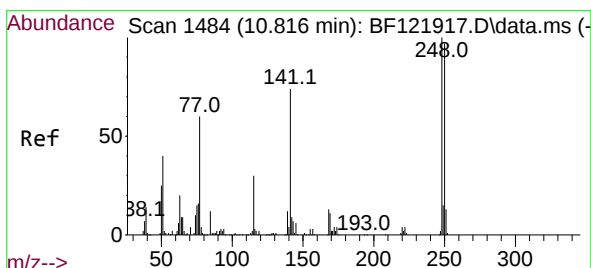
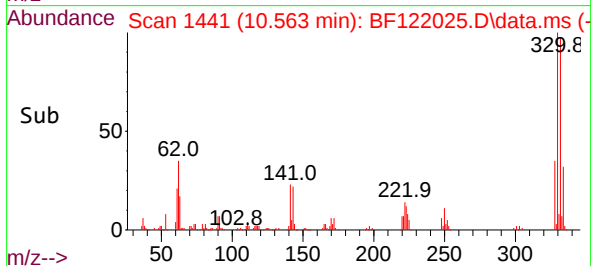
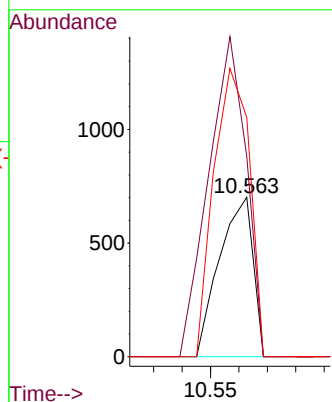
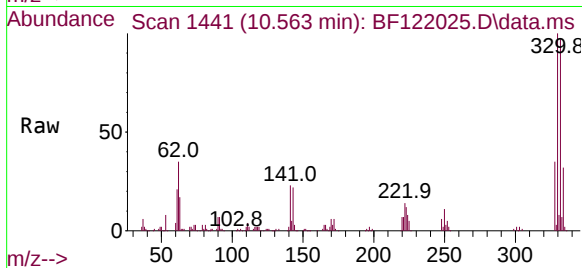




#65
4,6-Dinitro-2-methylphenol
Concen: 4.57 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.165 min
Lab File: BF122025.D
Acq: 20 Oct 2020 12:56

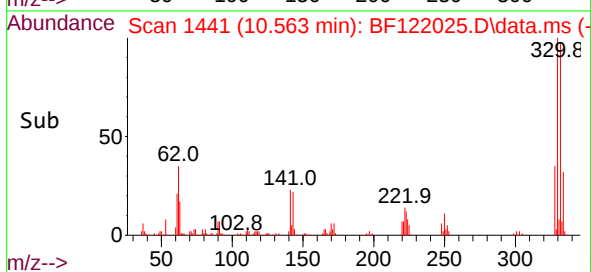
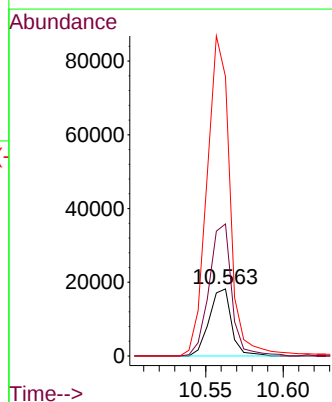
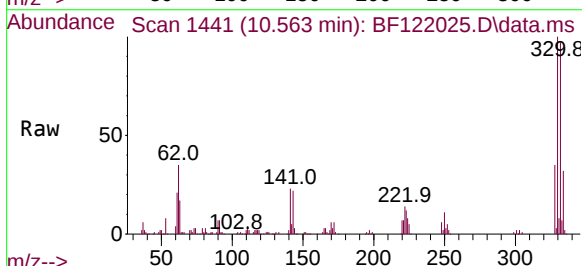
Instrument :
BNA_F
ClientSampleId :
PB132463BL

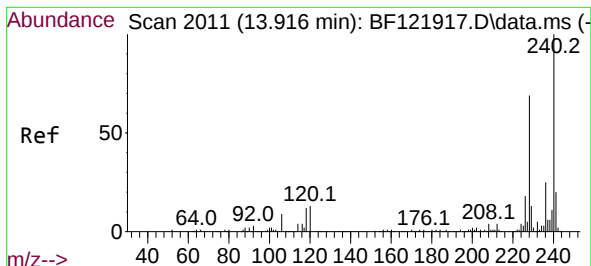
Tgt Ion:198 Resp: 575
Ion Ratio Lower Upper
198 100
51 125.8 29.6 69.6#
105 150.2 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 2.70 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.247 min
Lab File: BF122025.D
Acq: 20 Oct 2020 12:56

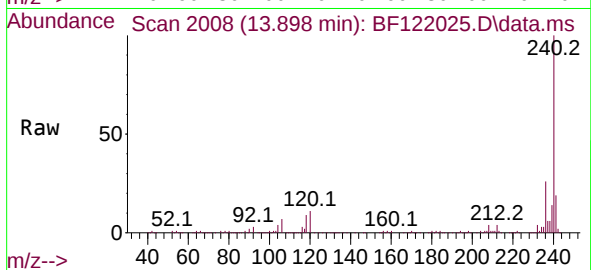
Tgt Ion:248 Resp: 18169
Ion Ratio Lower Upper
248 100
250 197.2 77.0 115.6#
141 417.3 53.7 80.5#



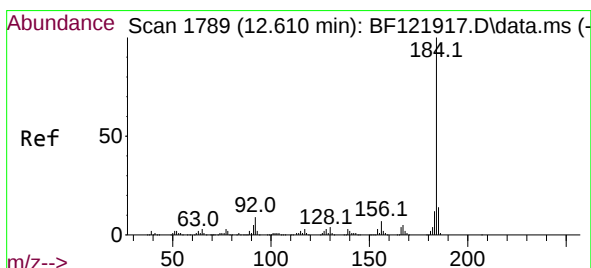
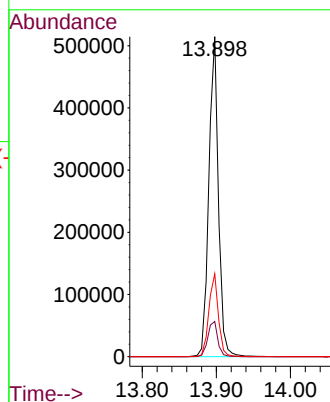
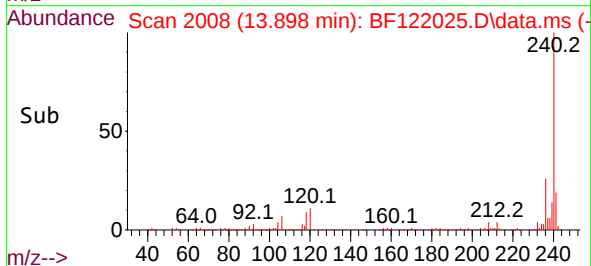


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF122025.D
Acq: 20 Oct 2020 12:56

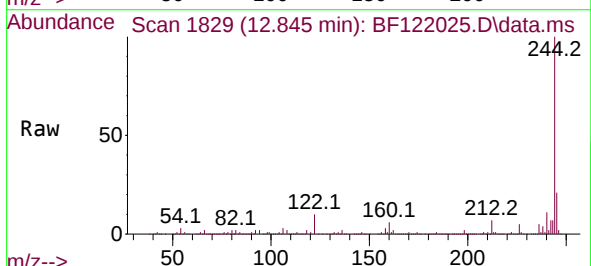
Instrument :
BNA_F
ClientSampleId :
PB132463BL



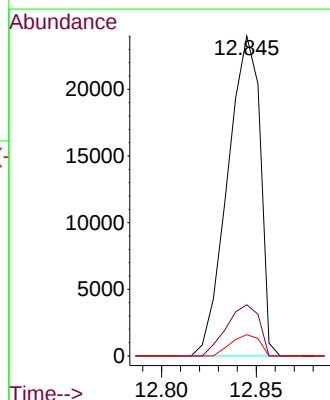
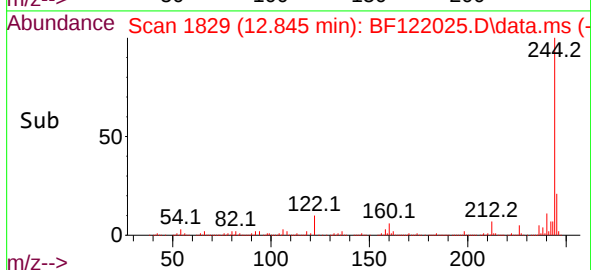
Tgt Ion:240 Resp: 462893
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 25.9 20.9 31.3

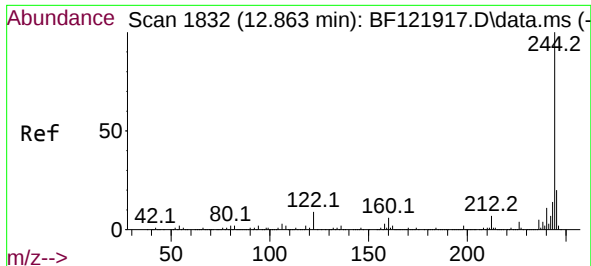


#77
Benzidine
Concen: 2.00 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.241 min
Lab File: BF122025.D
Acq: 20 Oct 2020 12:56



Tgt Ion:184 Resp: 28610
Ion Ratio Lower Upper
184 100
185 16.0 11.6 17.4
183 6.6 9.4 14.0#

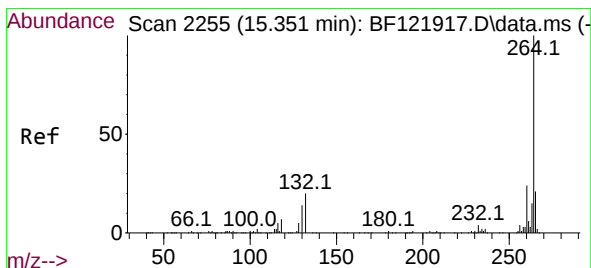
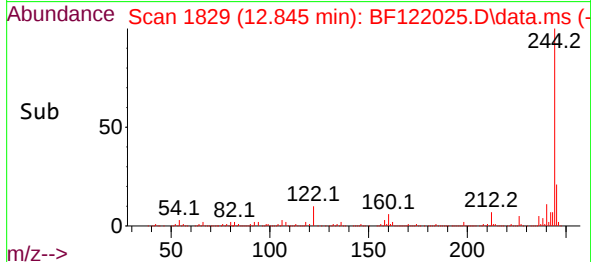
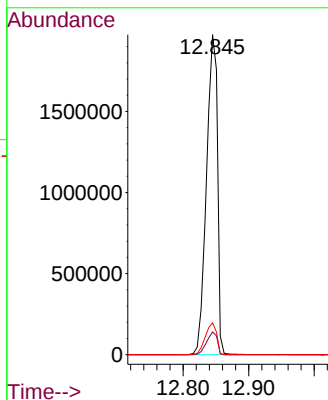
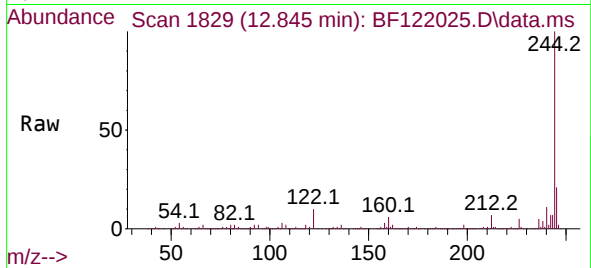




#79
 Terphenyl-d14
 Concen: 94.92 ng
 RT: 12.845 min Scan# 1829
 Delta R.T. -0.006 min
 Lab File: BF122025.D
 Acq: 20 Oct 2020 12:56

Instrument :
 BNA_F
 ClientSampleId :
 PB132463BL

Tgt Ion:244 Resp: 2305416
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 9.9 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: BF122025.D
 Acq: 20 Oct 2020 12:56

Tgt Ion:264 Resp: 383795
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 21.7 17.3 25.9

