

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110320\
 Data File : BF122245.D
 Acq On : 3 Nov 2020 17:33
 Operator : JU/CG
 Sample : L4607-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LW-06

Quant Time: Nov 04 01:07:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

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

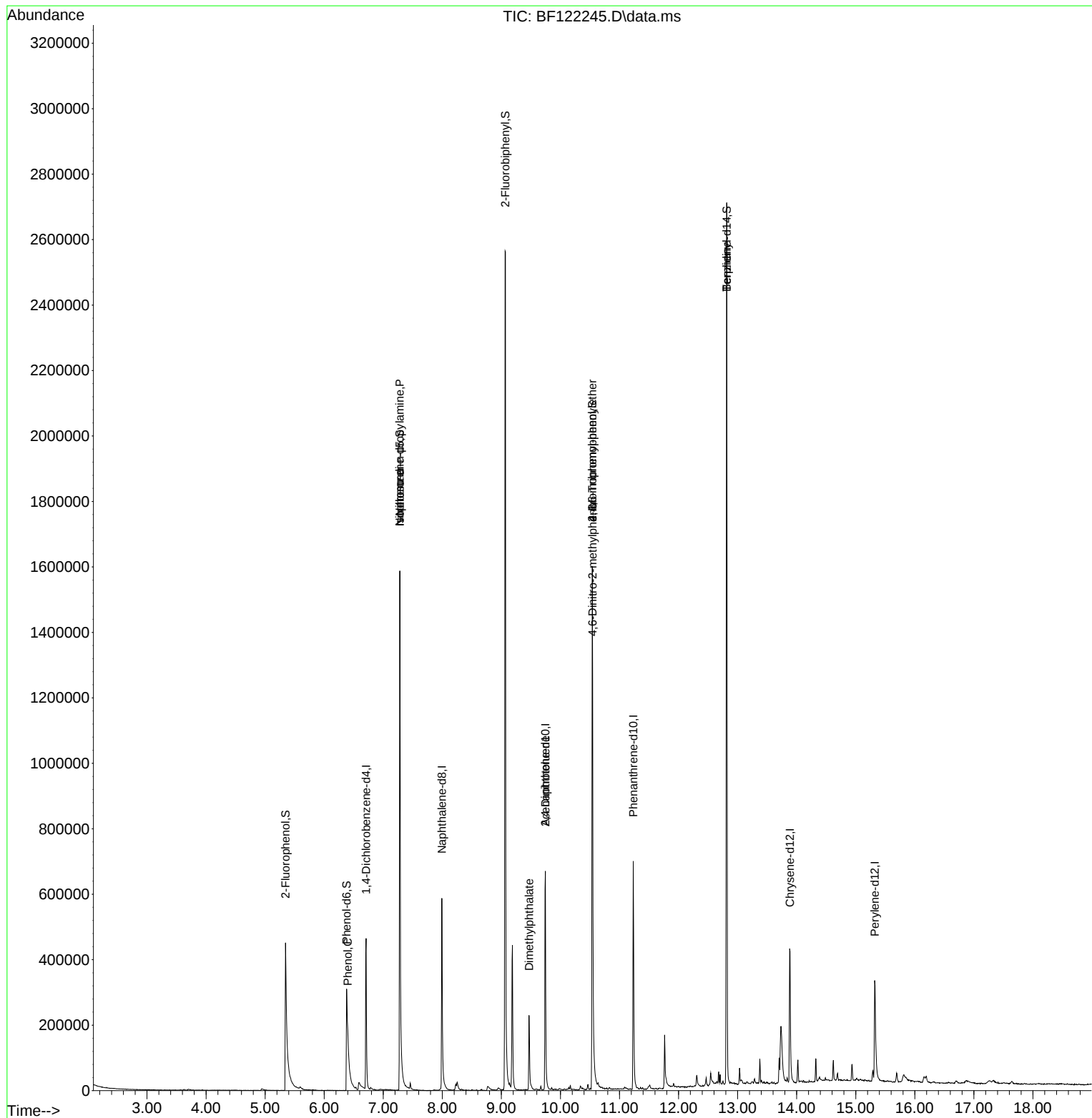
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	78012	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	311238	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	153475	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	284440	20.00	ng	0.00
76) Chrysene-d12	13.886	240	181629	20.00	ng	0.00
86) Perylene-d12	15.321	264	187132	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	278706	52.73	ng	0.01
7) Phenol-d6	6.381	99	205619	30.22	ng	0.01
23) Nitrobenzene-d5	7.280	82	573973	94.58	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	252921	133.22	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	948367	90.92	ng	0.00
79) Terphenyl-d14	12.815	244	810522	85.04	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.392	77	543	Below Cal	#	3
10) Phenol	6.398	94	44323	6.31	ng	96
19) n-Nitroso-di-n-propyla...	7.280	70	77849	20.09	ng	# 79
25) Isophorone	7.280	82	573973	50.02	ng	# 67
50) Dimethylphthalate	9.469	163	102018	9.09	ng	100
57) 2,4-Dinitrotoluene	9.745	165	19248	6.35	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.545	198	326	4.59	ng	# 1
67) 4-Bromophenyl-phenylether	10.539	248	14443	4.40	ng	# 1
77) Benzidine	12.815	184	11244	2.01	ng	# 92

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

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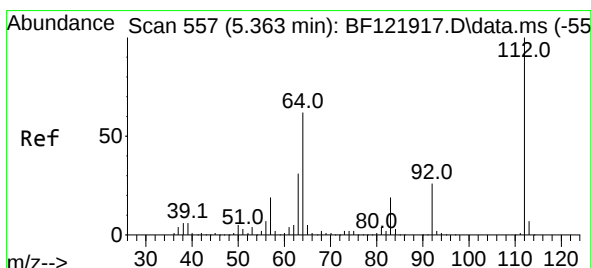
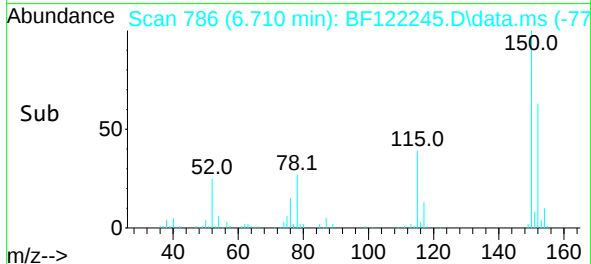
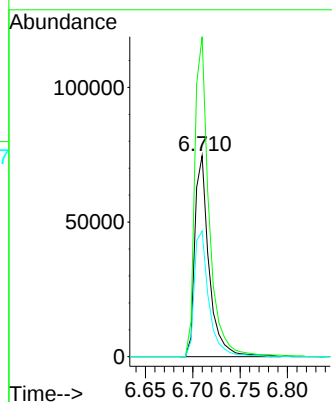
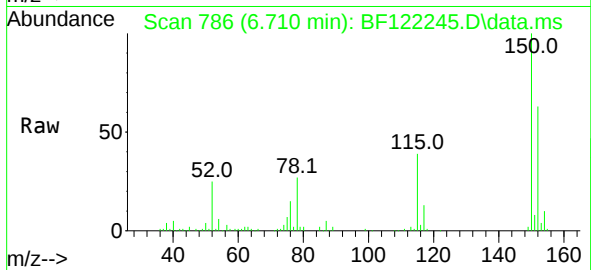




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122245.D
Acq: 3 Nov 2020 17:33

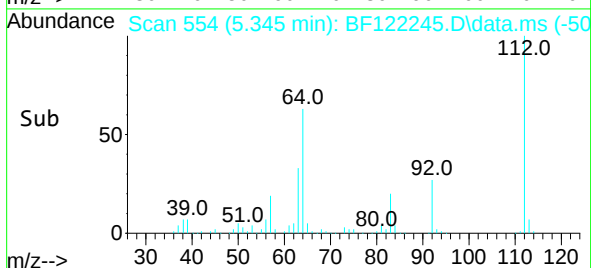
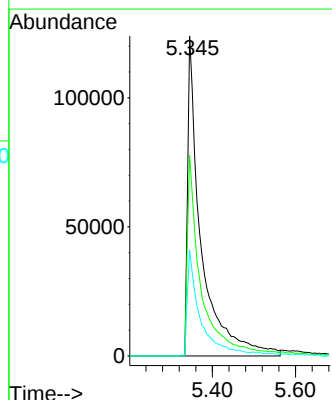
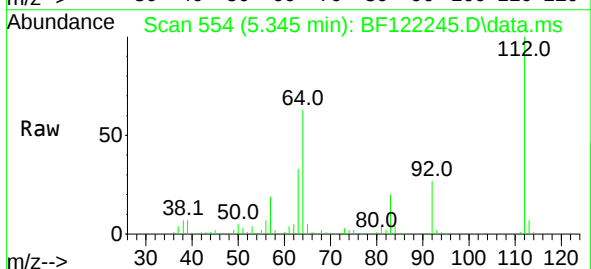
Instrument :
BNA_F
ClientSampleId :
LW-06

Tgt Ion:152 Resp: 78012
Ion Ratio Lower Upper
152 100
150 159.2 125.3 187.9
115 62.5 51.9 77.9



#5
2-Fluorophenol
Concen: 52.73 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF122245.D
Acq: 3 Nov 2020 17:33

Tgt Ion:112 Resp: 278706
Ion Ratio Lower Upper
112 100
64 62.6 50.4 75.6
63 33.0 25.8 38.6

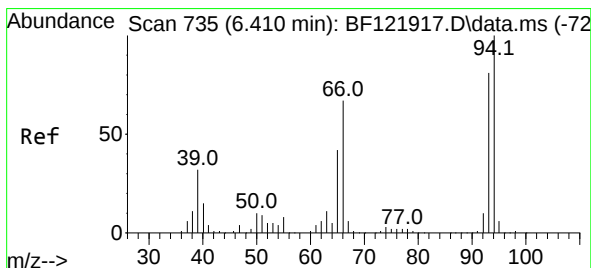
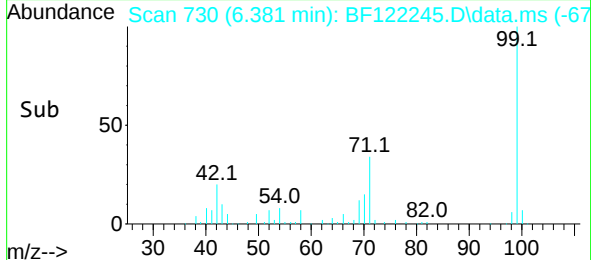
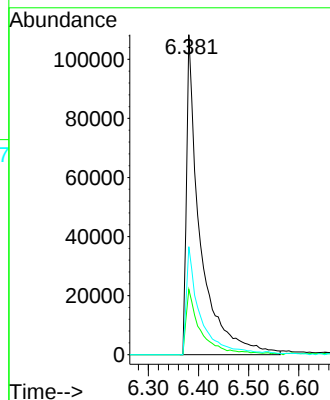
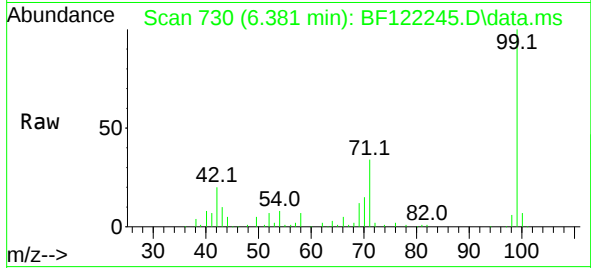




#7
Phenol-d6
Concen: 30.22 ng
RT: 6.381 min Scan# 730
Delta R.T. 0.012 min
Lab File: BF122245.D
Acq: 3 Nov 2020 17:33

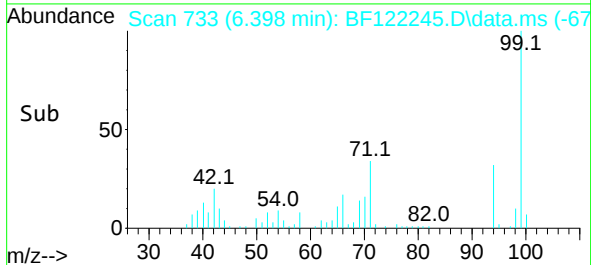
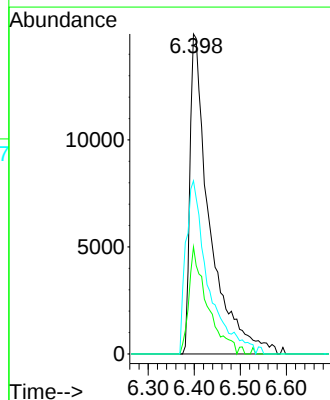
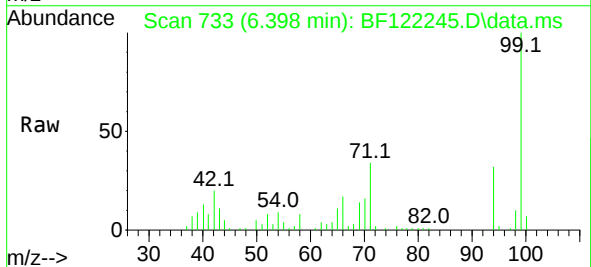
Instrument :
BNA_F
ClientSampleId :
LW-06

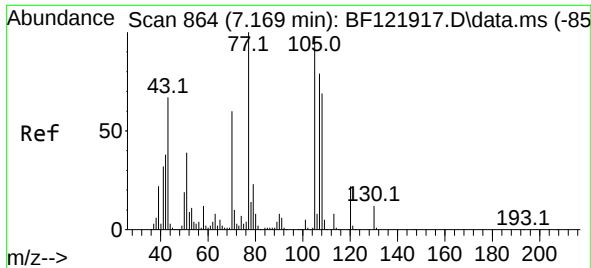
Tgt Ion: 99 Resp: 205619
Ion Ratio Lower Upper
99 100
42 20.4 15.9 23.9
71 33.8 27.1 40.7



#10
Phenol
Concen: 6.31 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.017 min
Lab File: BF122245.D
Acq: 3 Nov 2020 17:33

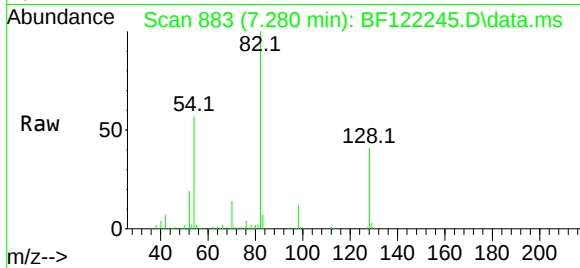
Tgt Ion: 94 Resp: 44323
Ion Ratio Lower Upper
94 100
65 33.4 17.1 57.1
66 54.1 36.0 76.0



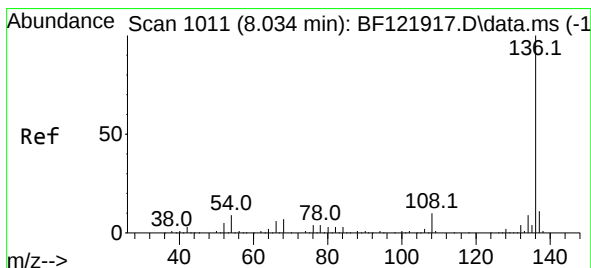
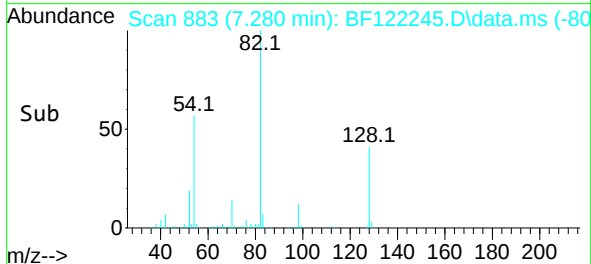
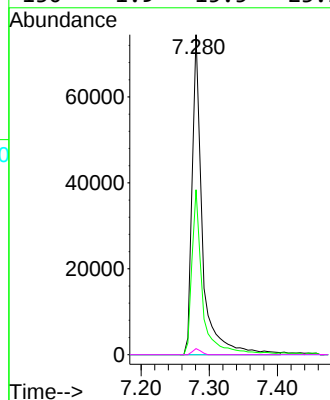


#19
n-Nitroso-di-n-propylamine
Concen: 20.09 ng
RT: 7.280 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122245.D
Acq: 3 Nov 2020 17:33

Instrument :
BNA_F
ClientSampleId :
LW-06

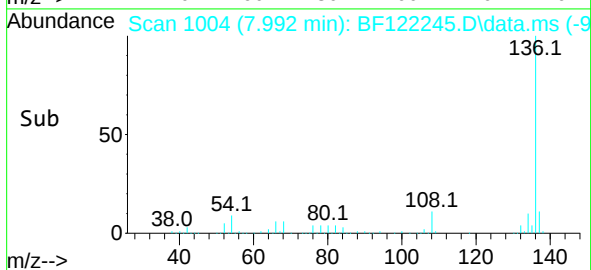
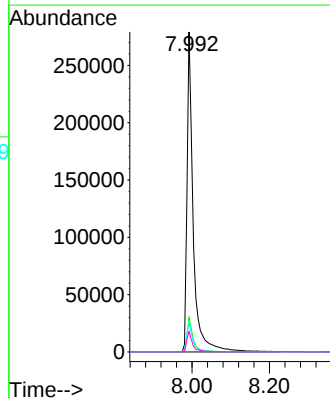
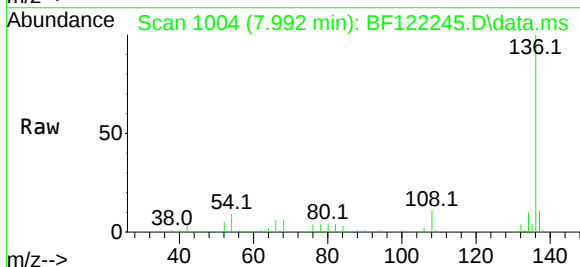


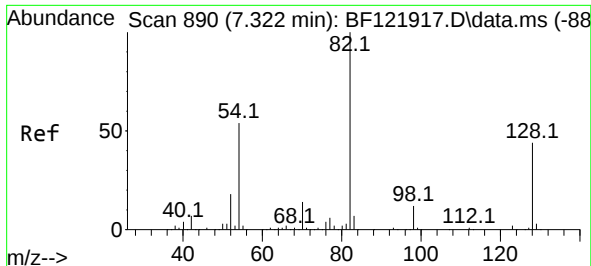
Tgt Ion: 70 Resp: 77849
Ion Ratio Lower Upper
70 100
42 51.6 50.2 75.4
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122245.D
Acq: 3 Nov 2020 17:33

Tgt Ion: 136 Resp: 311238
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.2 7.1 10.7
68 6.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 94.58 ng

RT: 7.280 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF122245.D

Acq: 3 Nov 2020 17:33

Tgt Ion: 82 Resp: 573973

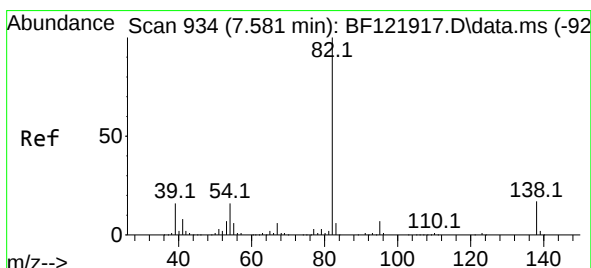
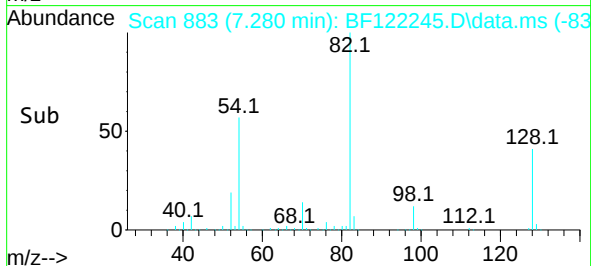
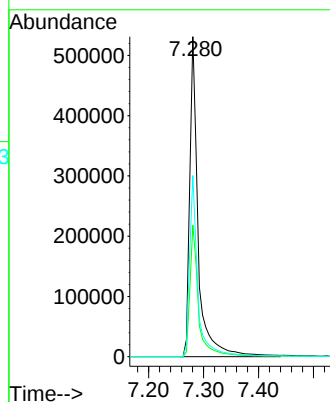
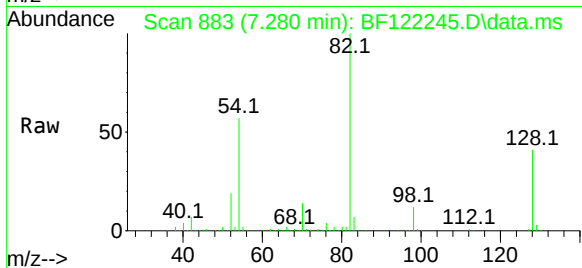
Ion	Ratio	Lower	Upper
82	100		
128	41.1	35.0	52.4
54	56.6	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

LW-06



#25

Isophorone

Concen: 50.02 ng

RT: 7.280 min Scan# 883

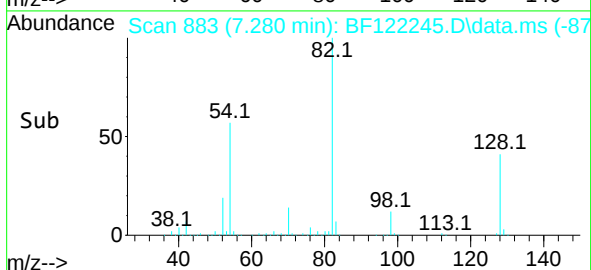
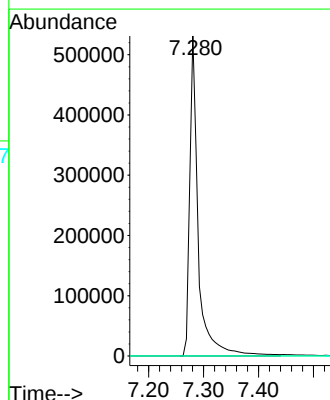
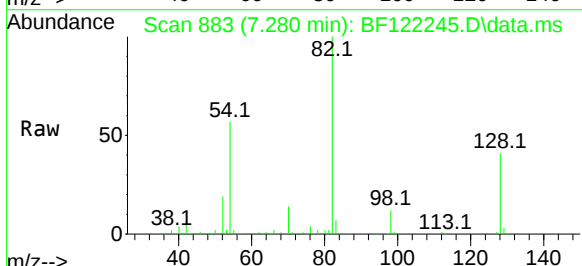
Delta R.T. -0.265 min

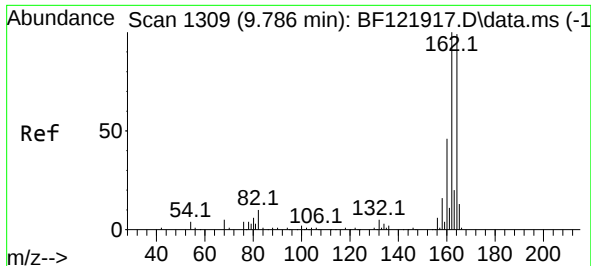
Lab File: BF122245.D

Acq: 3 Nov 2020 17:33

Tgt Ion: 82 Resp: 573973

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#

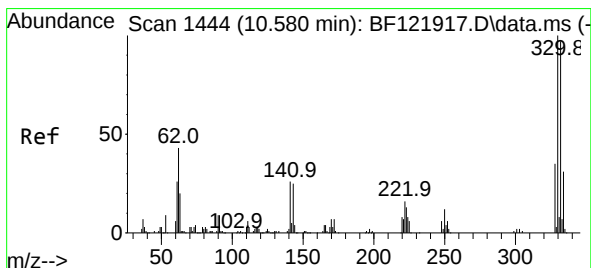
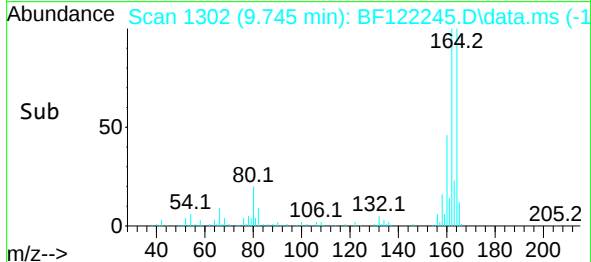
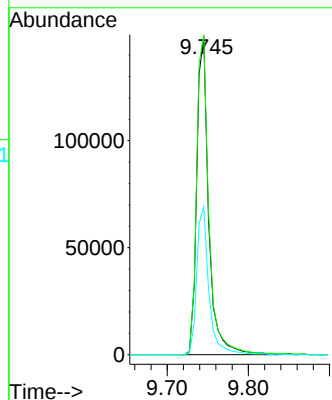
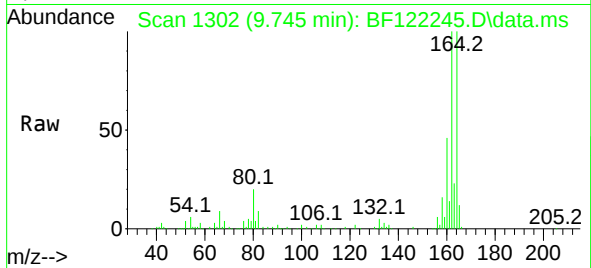




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122245.D
Acq: 3 Nov 2020 17:33

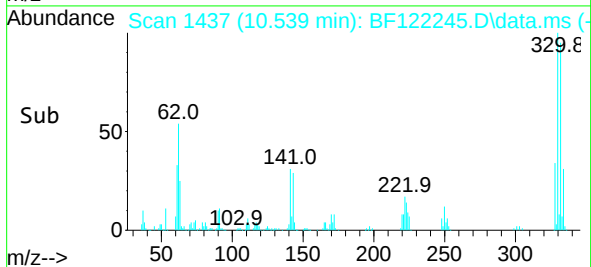
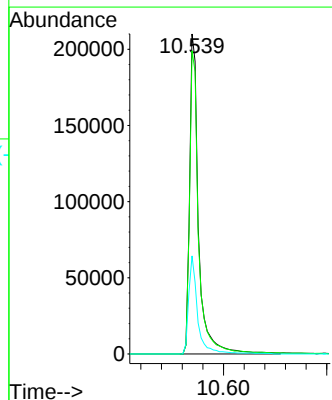
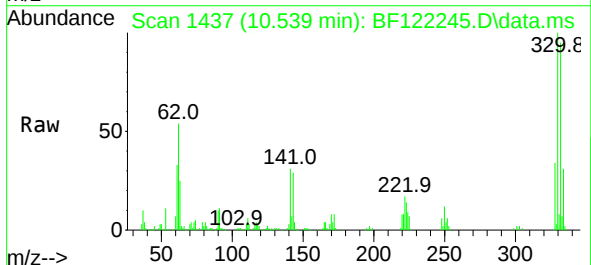
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BNA_F
ClientSampleId :
LW-06

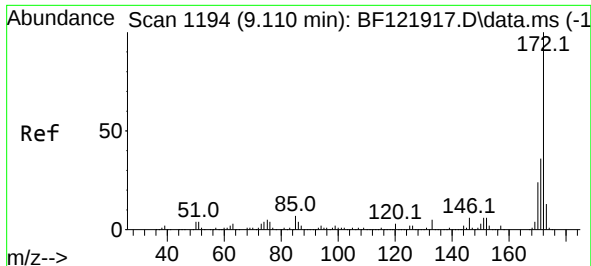
Tgt Ion:164 Resp: 153475
Ion Ratio Lower Upper
164 100
162 100.4 83.2 124.8
160 46.3 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 133.22 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122245.D
Acq: 3 Nov 2020 17:33

Tgt Ion:330 Resp: 252921
Ion Ratio Lower Upper
330 100
332 94.9 77.3 115.9
141 30.5 22.3 33.5

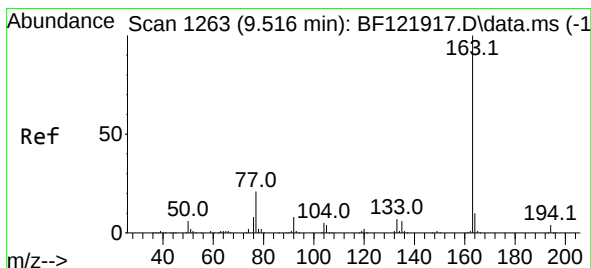
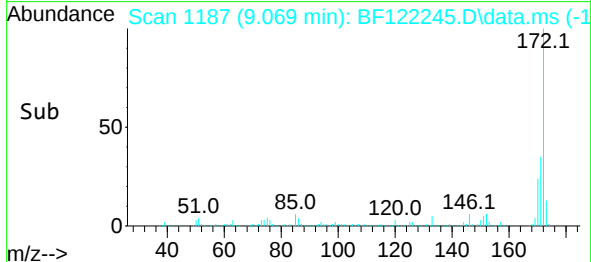
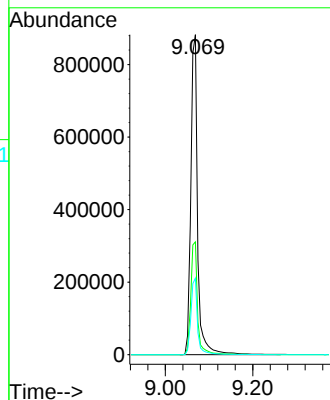
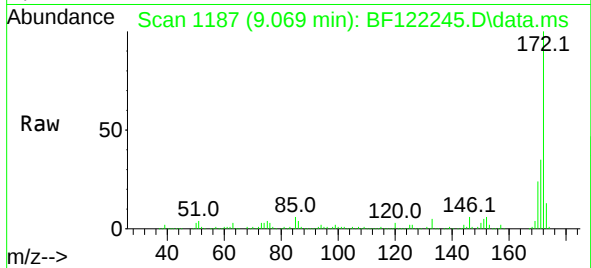




#45
2-Fluorobiphenyl
Concen: 90.92 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122245.D
Acq: 3 Nov 2020 17:33

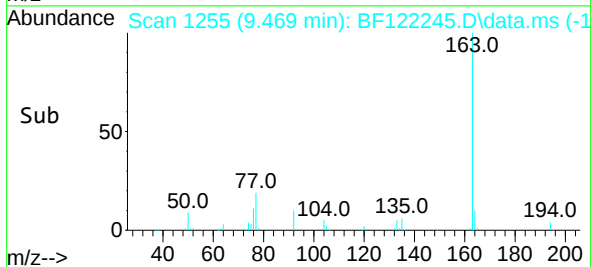
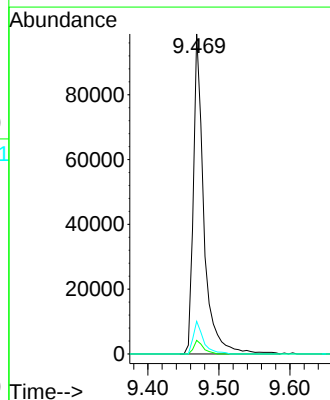
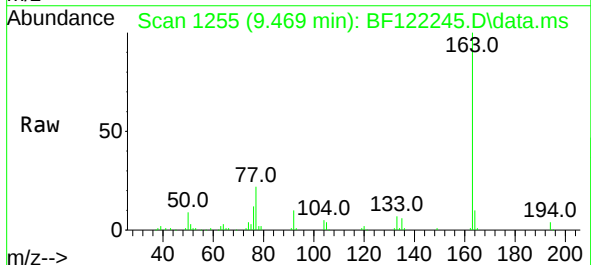
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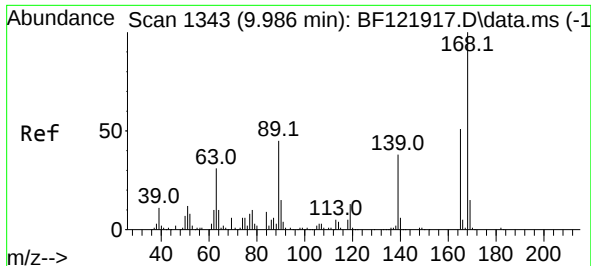
Tgt Ion:172 Resp: 948367
Ion Ratio Lower Upper
172 100
171 35.3 29.1 43.7
170 23.9 19.8 29.6



#50
Dimethylphthalate
Concen: 9.09 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122245.D
Acq: 3 Nov 2020 17:33

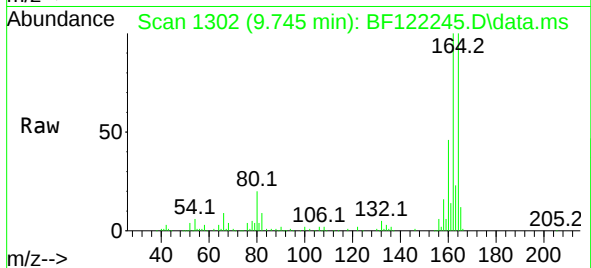
Tgt Ion:163 Resp: 102018
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.2 8.2 12.4



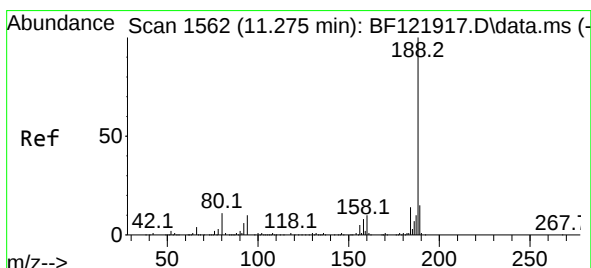
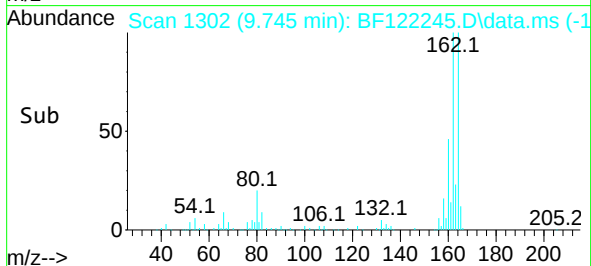
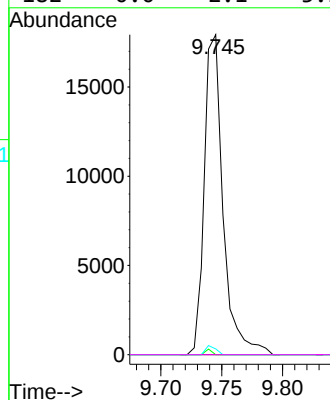


#57
2,4-Dinitrotoluene
Concen: 6.35 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122245.D
Acq: 3 Nov 2020 17:33

Instrument :
BNA_F
ClientSampleId :
LW-06

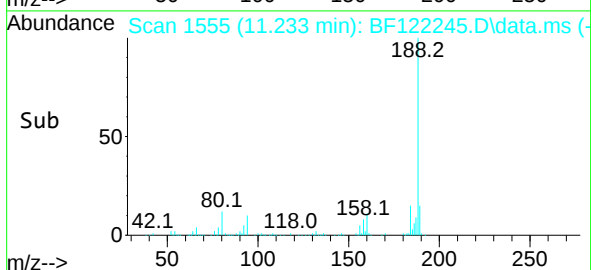
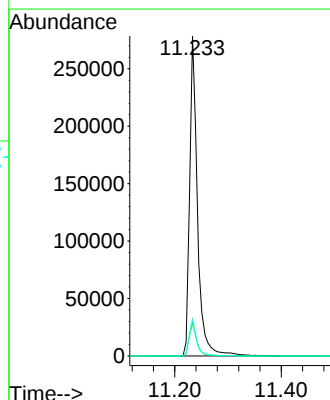
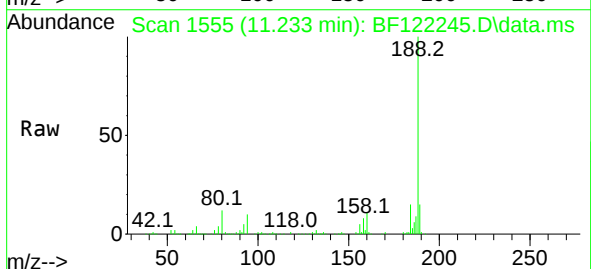


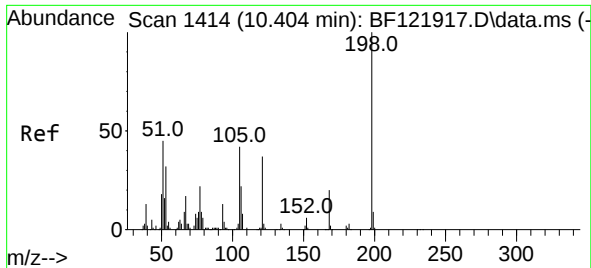
Tgt Ion:165 Resp: 19248
Ion Ratio Lower Upper
165 100
63 0.0 41.3 61.9#
89 1.8 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122245.D
Acq: 3 Nov 2020 17:33

Tgt Ion:188 Resp: 284440
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 11.6 9.1 13.7

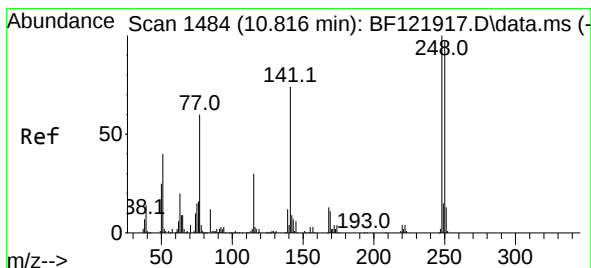
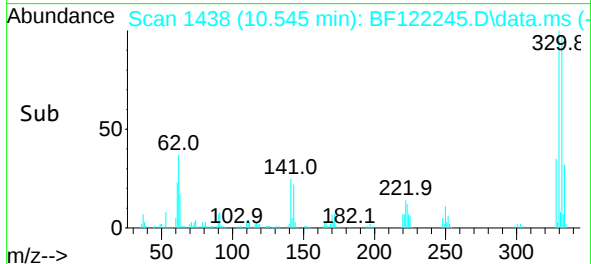
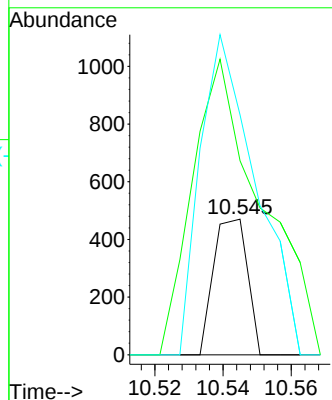
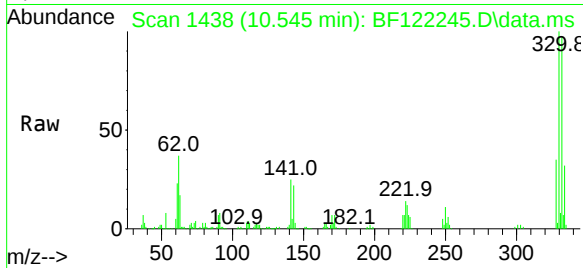




#65
4,6-Dinitro-2-methylphenol
Concen: 4.59 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.170 min
Lab File: BF122245.D
Acq: 3 Nov 2020 17:33

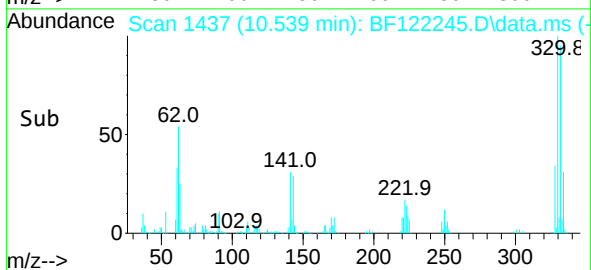
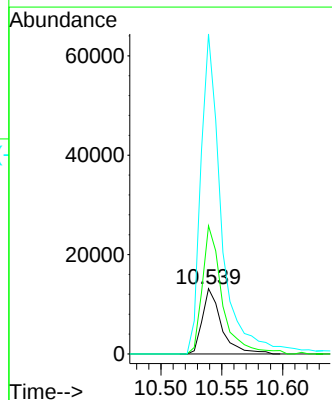
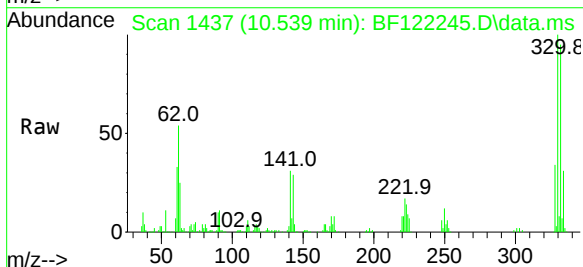
Instrument :
BNA_F
ClientSampleId :
LW-06

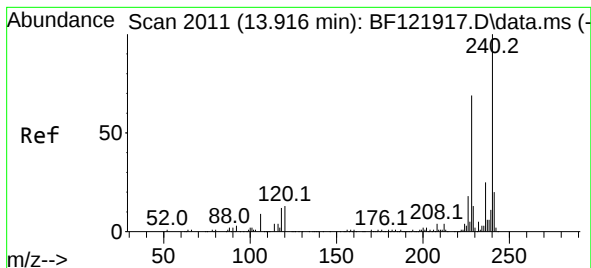
Tgt Ion:198 Resp: 326
Ion Ratio Lower Upper
198 100
51 143.2 29.6 69.6#
105 177.0 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.40 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.236 min
Lab File: BF122245.D
Acq: 3 Nov 2020 17:33

Tgt Ion:248 Resp: 14443
Ion Ratio Lower Upper
248 100
250 196.3 77.0 115.6#
141 489.8 53.7 80.5#

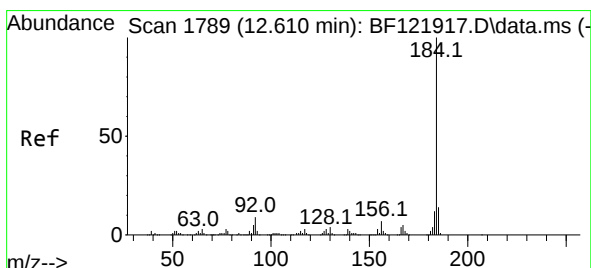
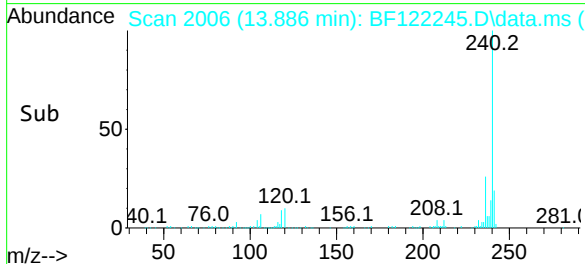
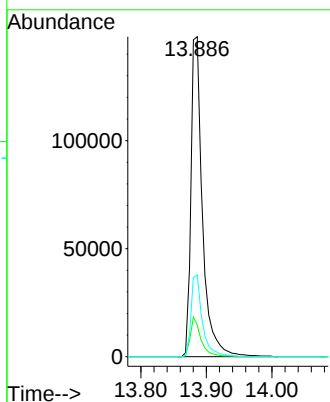
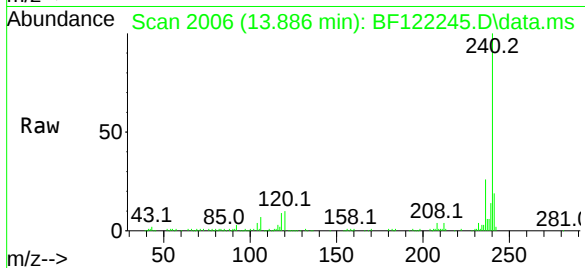




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF122245.D
Acq: 3 Nov 2020 17:33

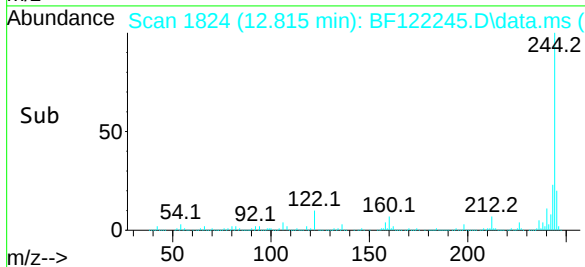
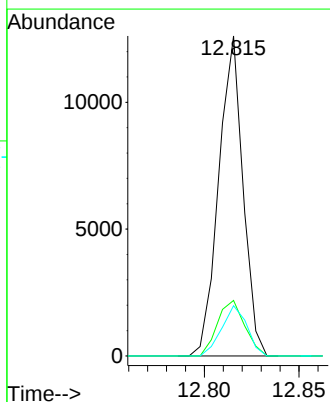
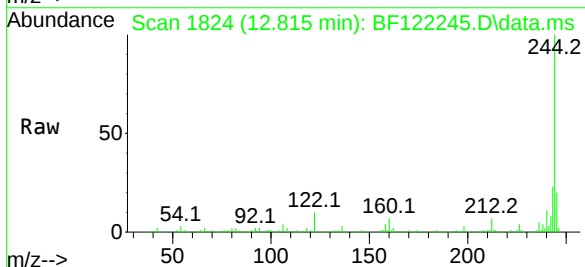
Instrument :
BNA_F
ClientSampleId :
LW-06

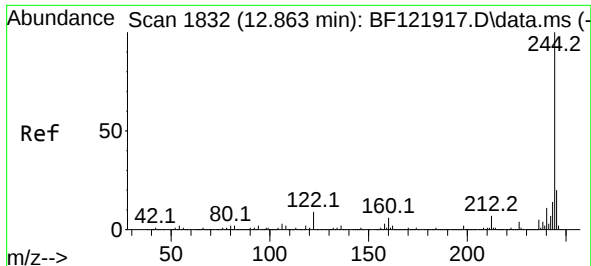
Tgt Ion:240 Resp: 181629
Ion Ratio Lower Upper
240 100
120 9.9 9.2 13.8
236 25.6 20.9 31.3



#77
Benzidine
Concen: 2.01 ng
RT: 12.815 min Scan# 1824
Delta R.T. 0.241 min
Lab File: BF122245.D
Acq: 3 Nov 2020 17:33

Tgt Ion:184 Resp: 11244
Ion Ratio Lower Upper
184 100
185 17.3 11.6 17.4
183 15.7 9.4 14.0#

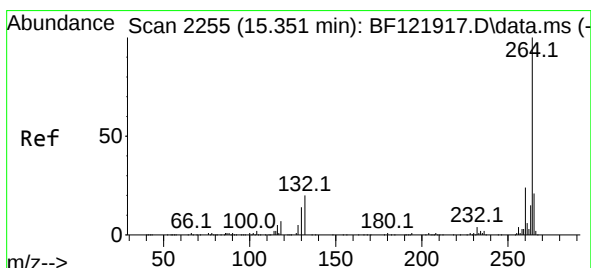
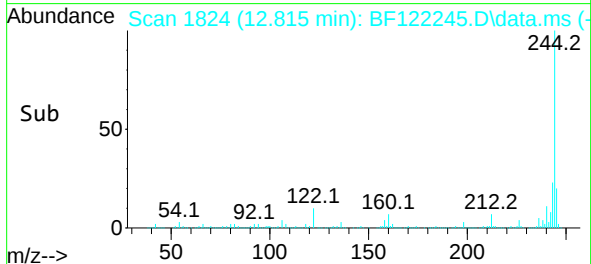
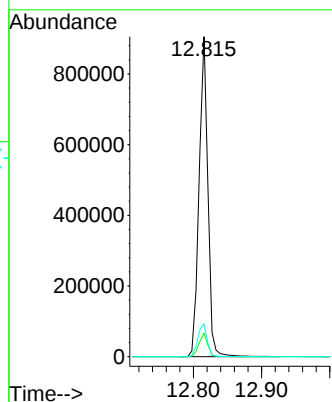
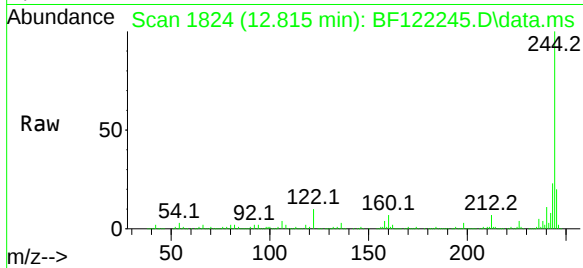




#79
 Terphenyl-d14
 Concen: 85.04 ng
 RT: 12.815 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BF122245.D
 Acq: 3 Nov 2020 17:33

Instrument :
 BNA_F
 ClientSampleId :
 LW-06

Tgt Ion:244 Resp: 810522
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 10.3 8.1 12.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.321 min Scan# 2250
 Delta R.T. 0.017 min
 Lab File: BF122245.D
 Acq: 3 Nov 2020 17:33

Tgt Ion:264 Resp: 187132
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 21.0 17.3 25.9

