

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110320\
 Data File : BF122246.D
 Acq On : 3 Nov 2020 18:03
 Operator : JU/CG
 Sample : L4607-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: Nov 04 01:07:28 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)

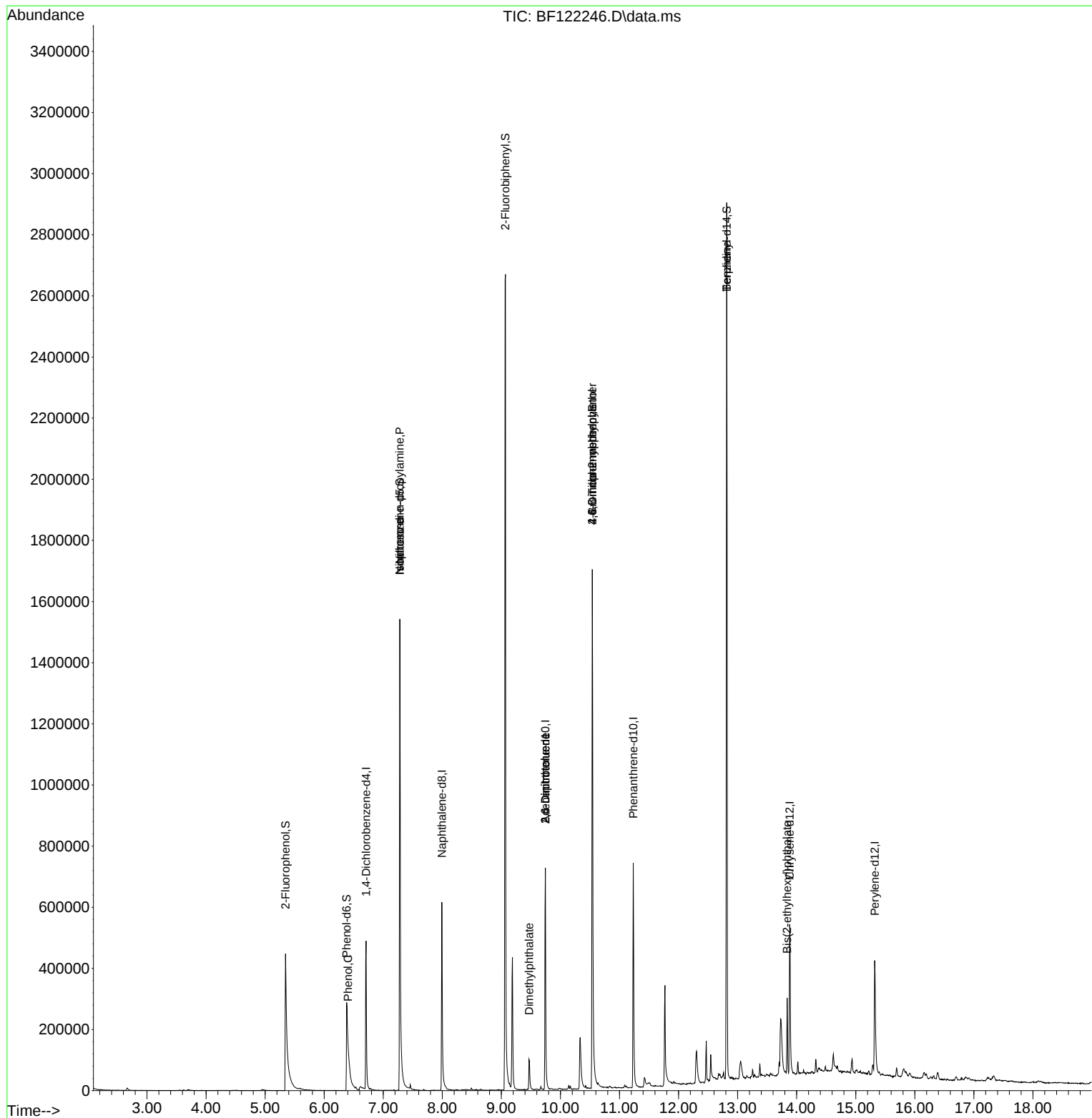
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	81016	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	320134	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	160548	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	292090	20.00	ng	0.00
76) Chrysene-d12	13.880	240	196911	20.00	ng	0.00
86) Perylene-d12	15.321	264	203339	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	281142	51.22	ng	0.01
7) Phenol-d6	6.381	99	214782	30.40	ng	0.01
23) Nitrobenzene-d5	7.281	82	585269	93.76	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	256429	129.12	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	970216	88.92	ng	0.00
79) Terphenyl-d14	12.816	244	865792	83.79	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.392	77	118	Below Cal	#	3
10) Phenol	6.404	94	32181	4.41	ng	94
19) n-Nitroso-di-n-propyla...	7.281	70	78170	19.43	ng	# 79
25) Isophorone	7.281	82	585269	49.59	ng	# 67
50) Dimethylphthalate	9.469	163	52766	4.49	ng	97
51) 2,6-Dinitrotoluene	9.745	165	20178	7.84	ng	# 21
57) 2,4-Dinitrotoluene	9.745	165	20178	6.36	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.539	198	288	4.57	ng	# 1
67) 4-Bromophenyl-phenylether	10.539	248	15103	4.48	ng	# 1
77) Benzidine	12.816	184	12523	2.06	ng	# 91
84) Bis(2-ethylhexyl)phtha...	13.839	149	60538	7.49	ng	100

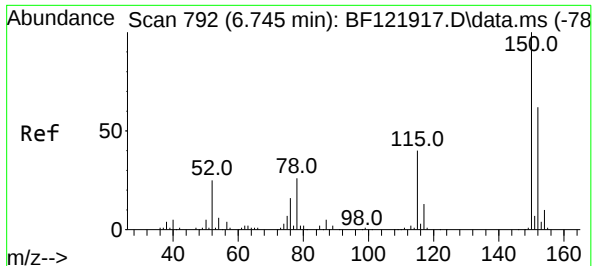
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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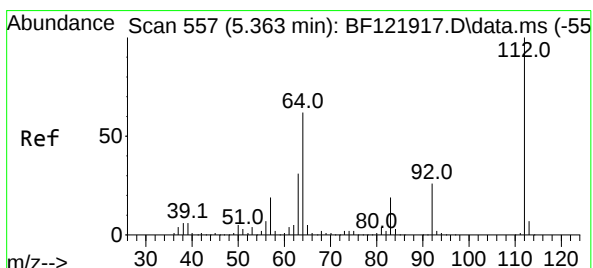
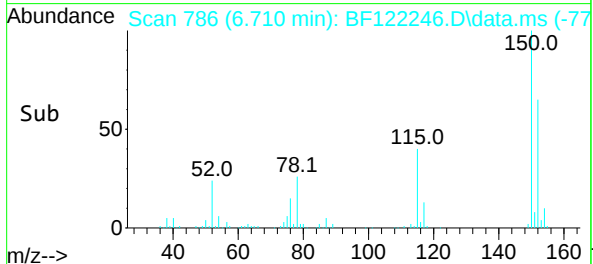
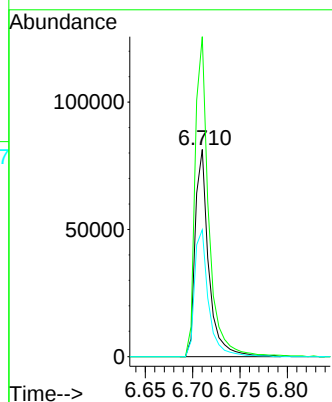
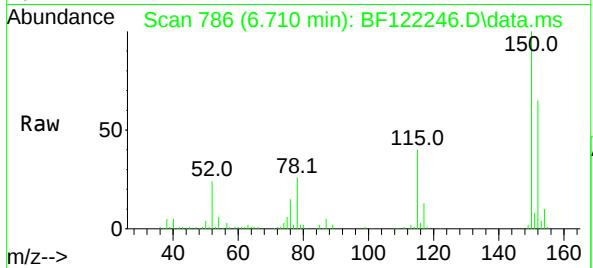




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122246.D
Acq: 3 Nov 2020 18:03

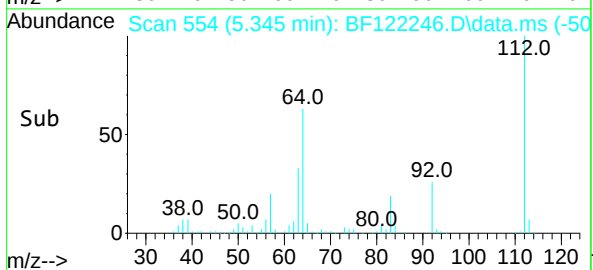
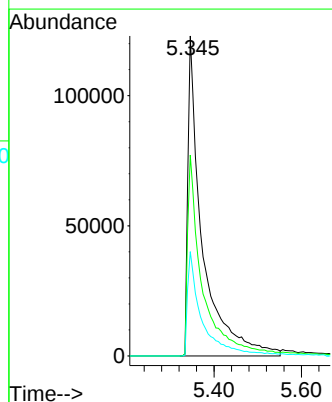
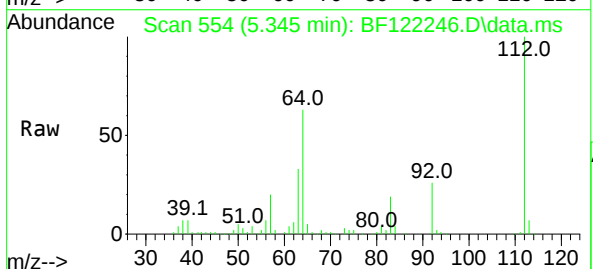
Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:152 Resp: 81016
Ion Ratio Lower Upper
152 100
150 154.5 125.3 187.9
115 61.3 51.9 77.9



#5
2-Fluorophenol
Concen: 51.22 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF122246.D
Acq: 3 Nov 2020 18:03

Tgt Ion:112 Resp: 281142
Ion Ratio Lower Upper
112 100
64 62.8 50.4 75.6
63 32.6 25.8 38.6

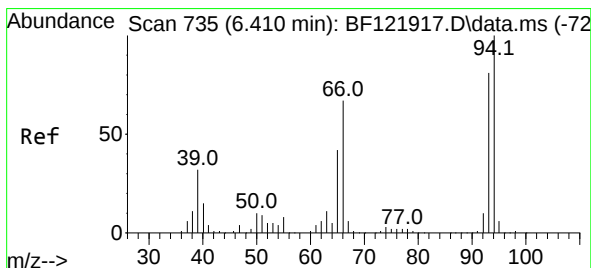
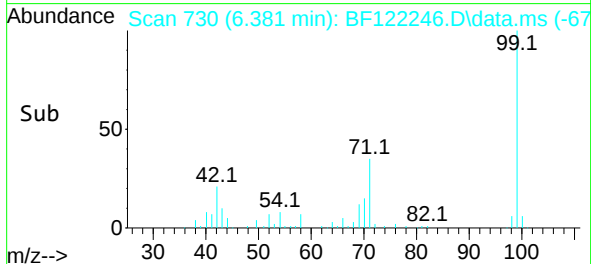
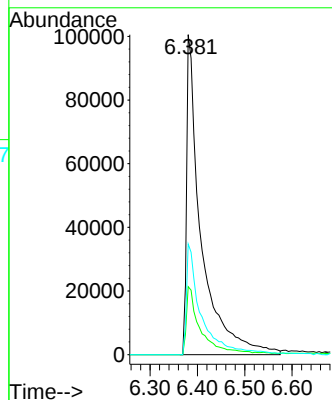
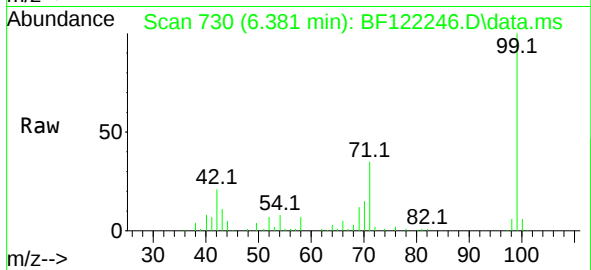




#7
Phenol-d6
Concen: 30.40 ng
RT: 6.381 min Scan# 730
Delta R.T. 0.012 min
Lab File: BF122246.D
Acq: 3 Nov 2020 18:03

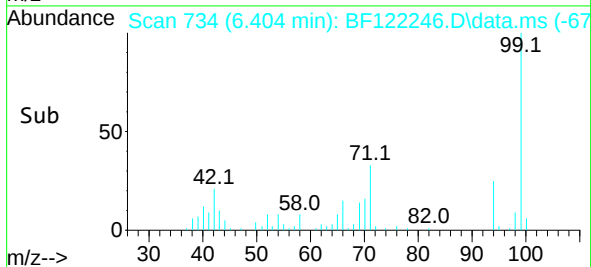
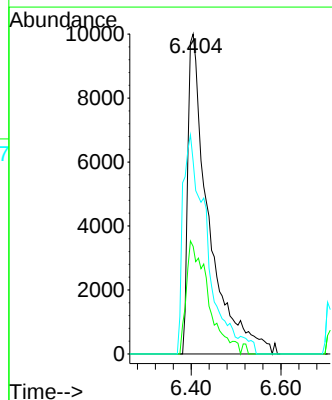
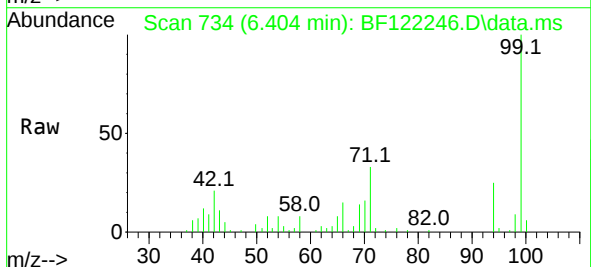
Instrument :
BNA_F
ClientSampleId :
MW-01

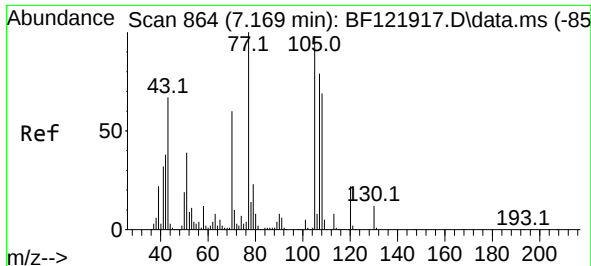
Tgt Ion: 99 Resp: 214782
Ion Ratio Lower Upper
99 100
42 21.3 15.9 23.9
71 34.6 27.1 40.7



#10
Phenol
Concen: 4.41 ng
RT: 6.404 min Scan# 734
Delta R.T. 0.023 min
Lab File: BF122246.D
Acq: 3 Nov 2020 18:03

Tgt Ion: 94 Resp: 32181
Ion Ratio Lower Upper
94 100
65 33.6 17.1 57.1
66 60.1 36.0 76.0

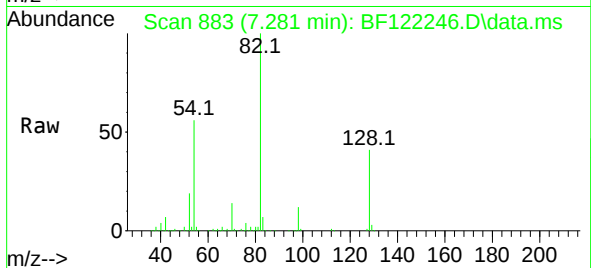




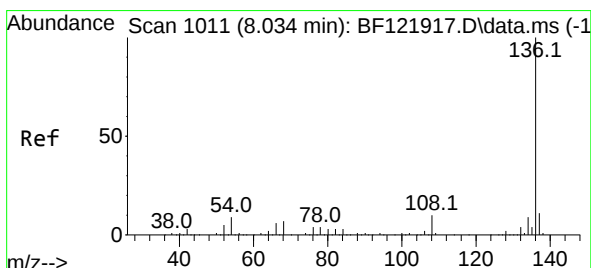
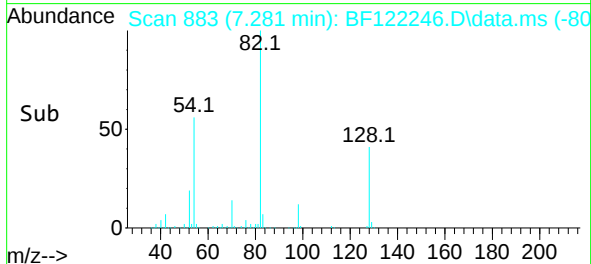
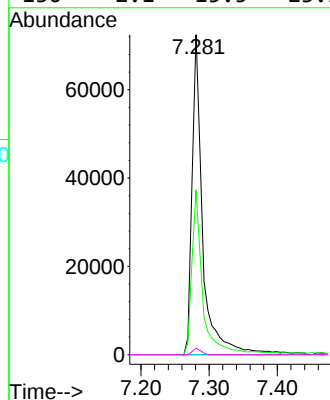
#19

n-Nitroso-di-n-propylamine
Concen: 19.43 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122246.D
Acq: 3 Nov 2020 18:03

Instrument :
BNA_F
ClientSampleId :
MW-01



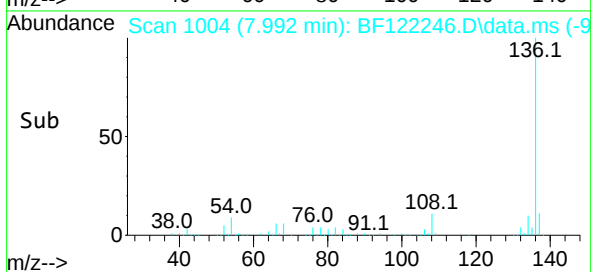
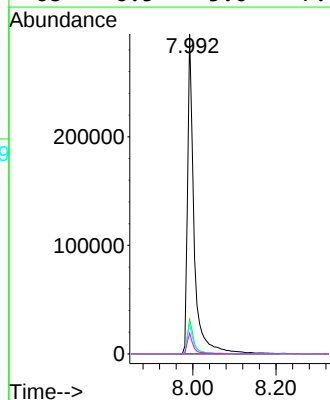
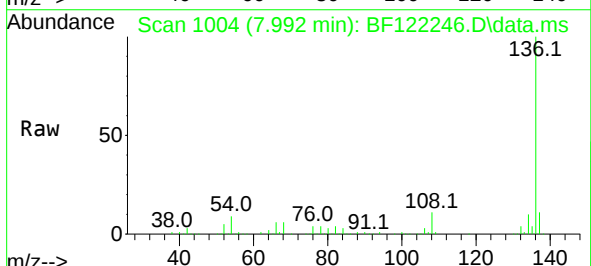
Tgt Ion:	70	Resp:	78170
Ion	Ratio	Lower	Upper
70	100		
42	51.5	50.2	75.4
101	0.0	7.5	11.3#
130	2.1	15.5	23.3#

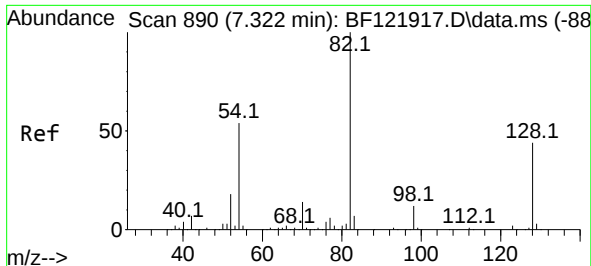


#21

Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122246.D
Acq: 3 Nov 2020 18:03

Tgt Ion:	136	Resp:	320134
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.5	7.1	10.7
68	6.5	5.0	7.4





#23

Nitrobenzene-d5

Concen: 93.76 ng

RT: 7.281 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF122246.D

Acq: 3 Nov 2020 18:03

Tgt Ion: 82 Resp: 585269

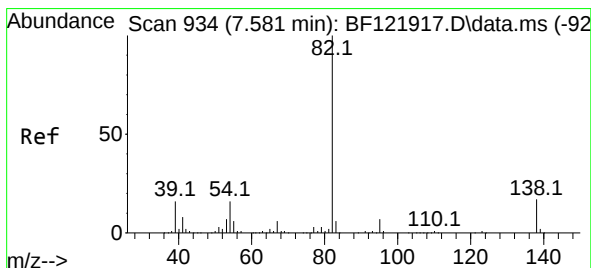
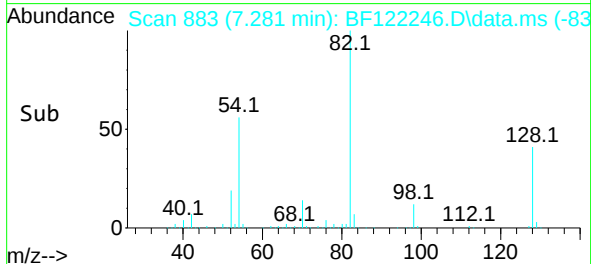
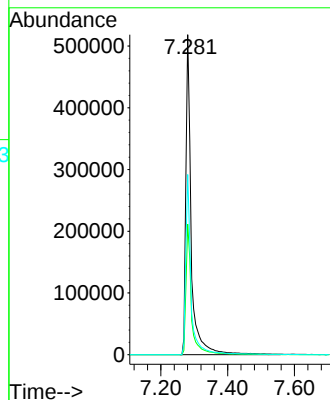
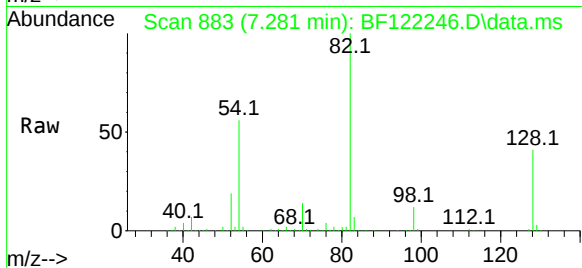
Ion	Ratio	Lower	Upper
82	100		
128	40.8	35.0	52.4
54	56.3	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

MW-01



#25

Isophorone

Concen: 49.59 ng

RT: 7.281 min Scan# 883

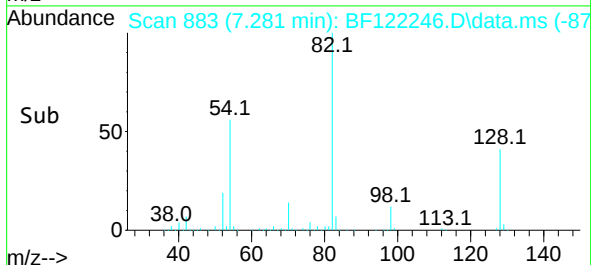
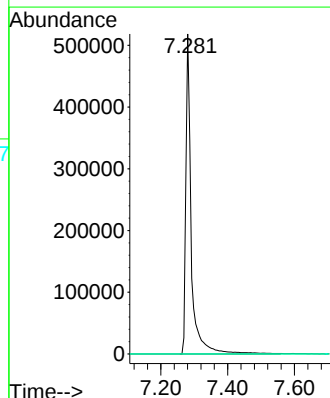
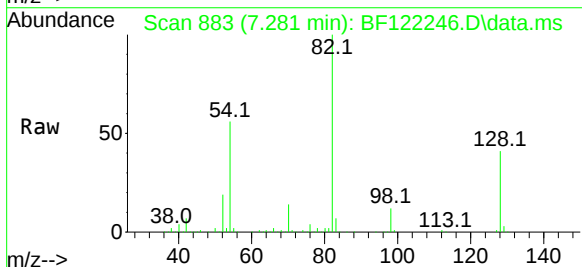
Delta R.T. -0.265 min

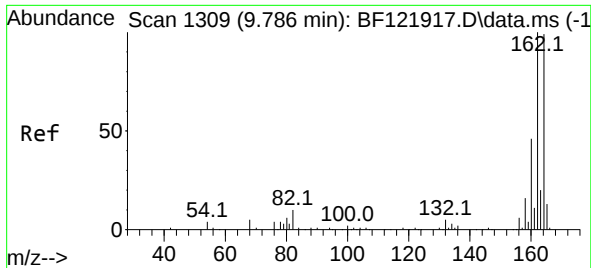
Lab File: BF122246.D

Acq: 3 Nov 2020 18:03

Tgt Ion: 82 Resp: 585269

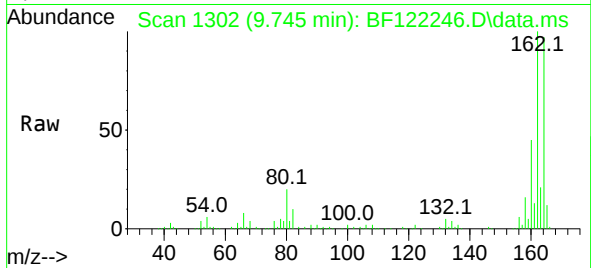
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#



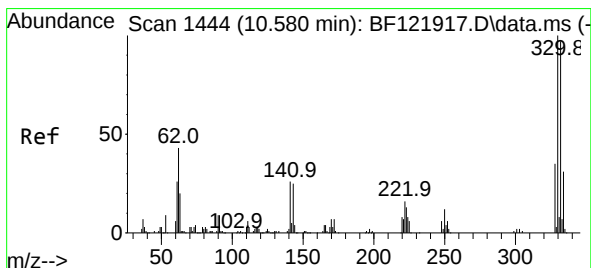
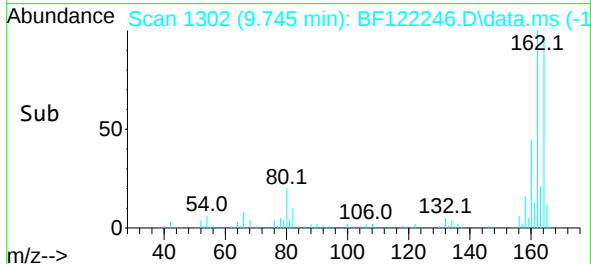
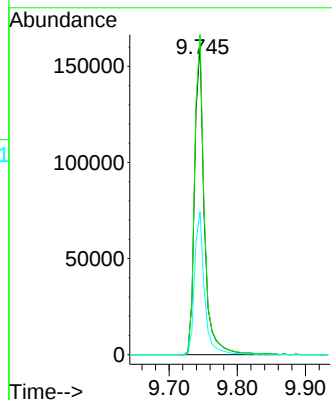


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122246.D
Acq: 3 Nov 2020 18:03

Instrument :
BNA_F
ClientSampleId :
MW-01

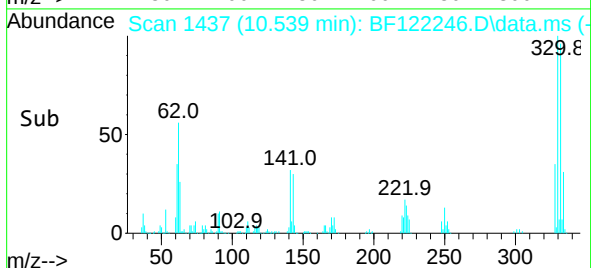
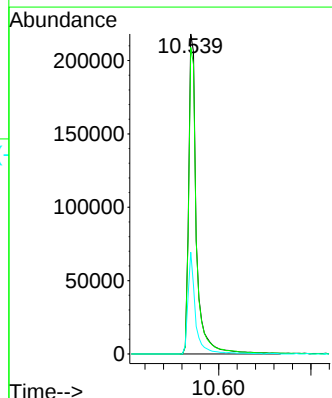
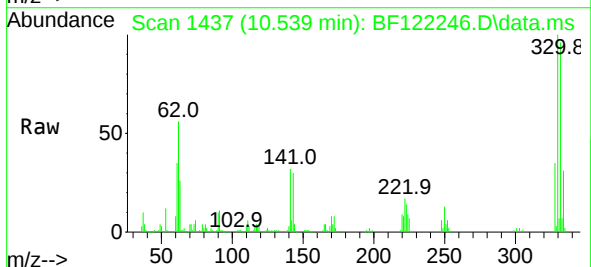


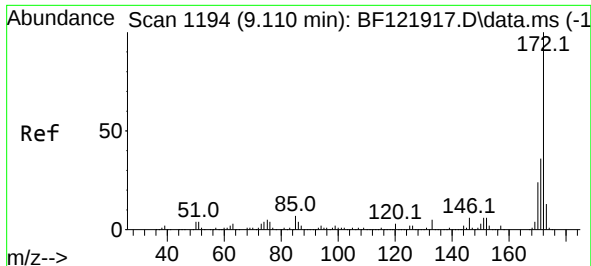
Tgt Ion:164 Resp: 160548
Ion Ratio Lower Upper
164 100
162 103.1 83.2 124.8
160 46.1 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 129.12 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122246.D
Acq: 3 Nov 2020 18:03

Tgt Ion:330 Resp: 256429
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 30.5 22.3 33.5

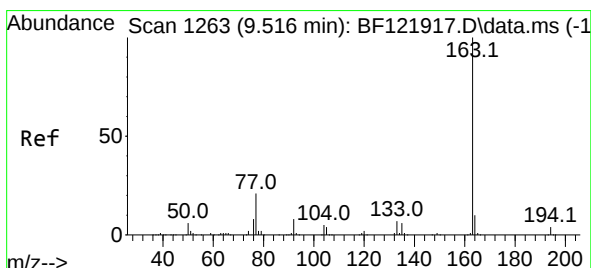
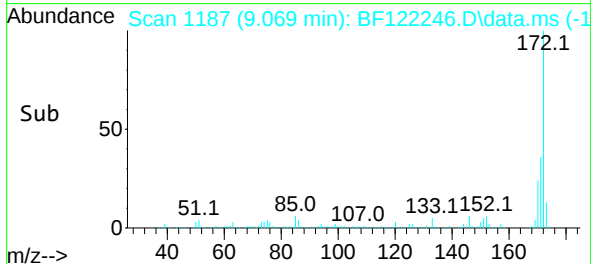
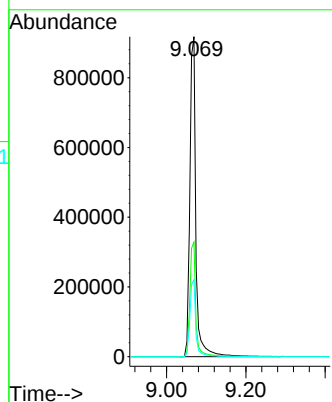
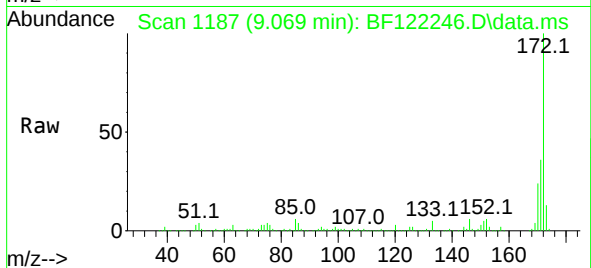




#45
2-Fluorobiphenyl
Concen: 88.92 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122246.D
Acq: 3 Nov 2020 18:03

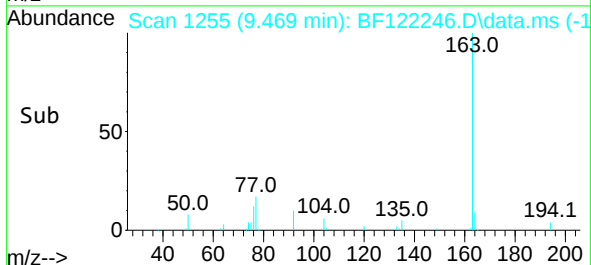
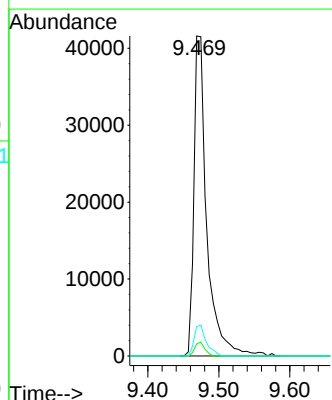
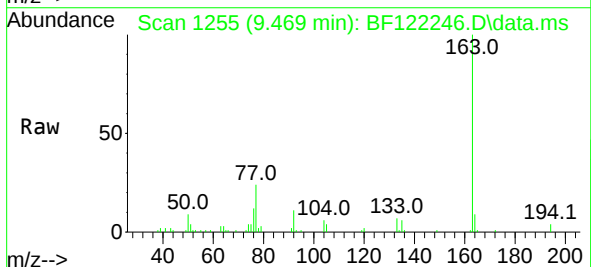
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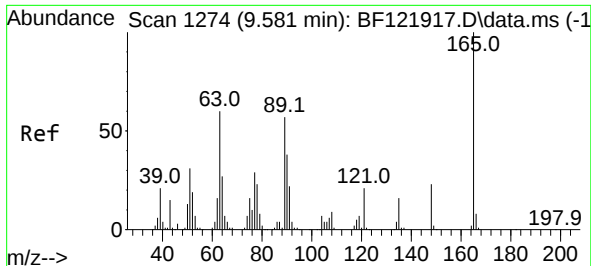
Tgt Ion:172 Resp: 970216
Ion Ratio Lower Upper
172 100
171 35.8 29.1 43.7
170 24.1 19.8 29.6



#50
Dimethylphthalate
Concen: 4.49 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122246.D
Acq: 3 Nov 2020 18:03

Tgt Ion:163 Resp: 52766
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 9.1 8.2 12.4

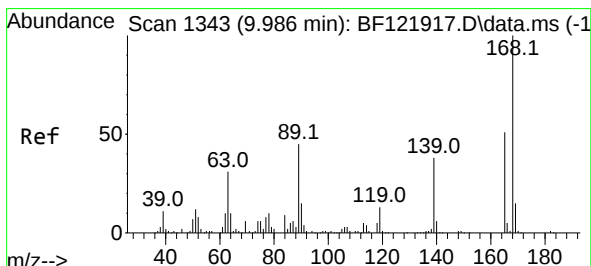
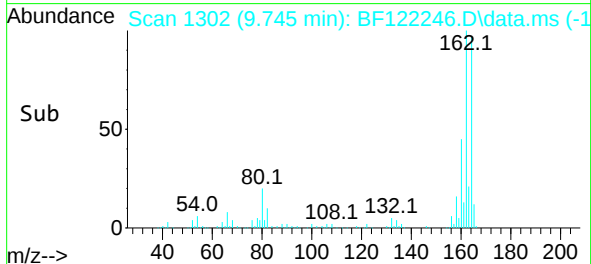
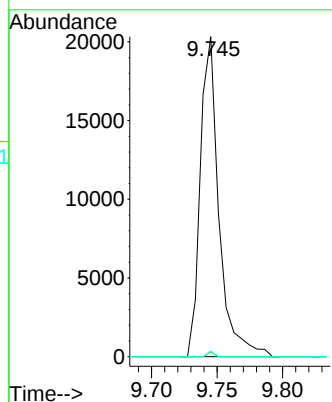
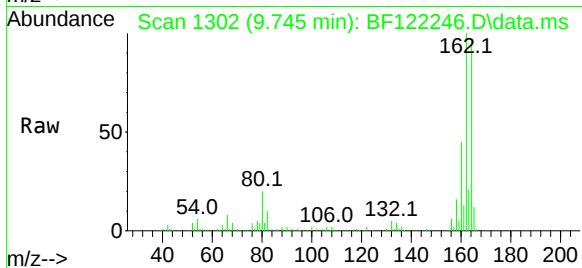




#51
2,6-Dinitrotoluene
Concen: 7.84 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122246.D
Acq: 3 Nov 2020 18:03

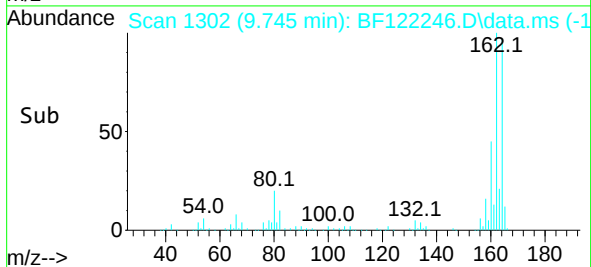
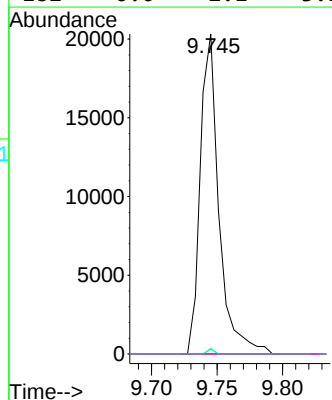
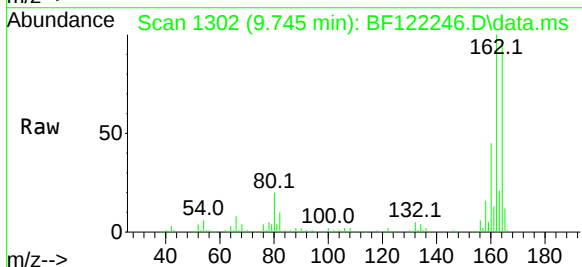
Instrument :
BNA_F
ClientSampleId :
MW-01

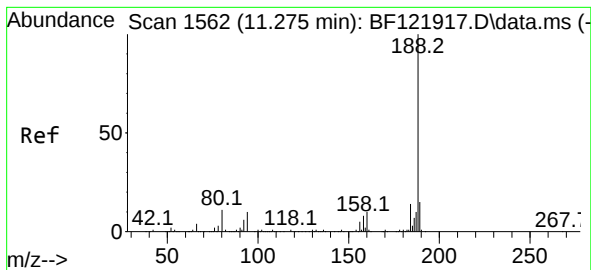
Tgt Ion:165 Resp: 20178
Ion Ratio Lower Upper
165 100
63 1.5 51.8 77.6#
89 1.8 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.36 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122246.D
Acq: 3 Nov 2020 18:03

Tgt Ion:165 Resp: 20178
Ion Ratio Lower Upper
165 100
63 1.5 41.3 61.9#
89 1.8 61.8 92.8#
182 0.0 2.1 3.1#

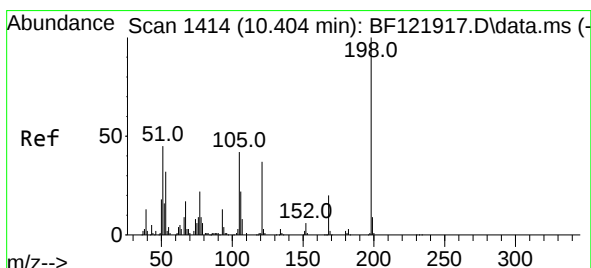
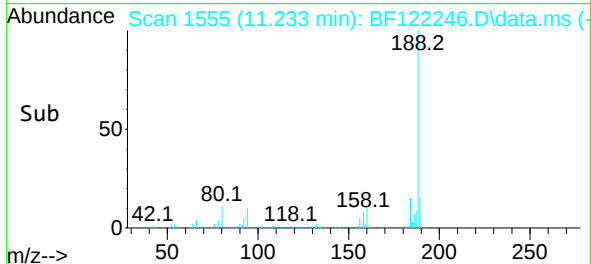
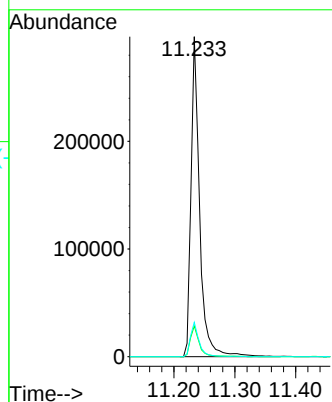
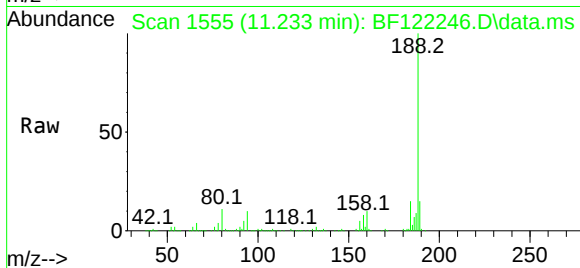




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122246.D
Acq: 3 Nov 2020 18:03

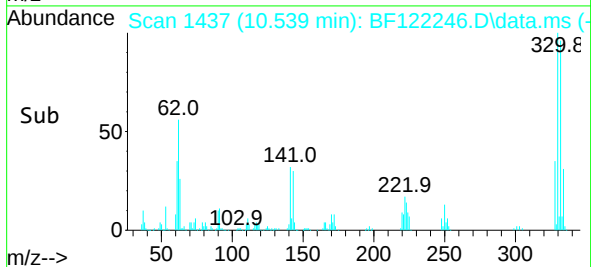
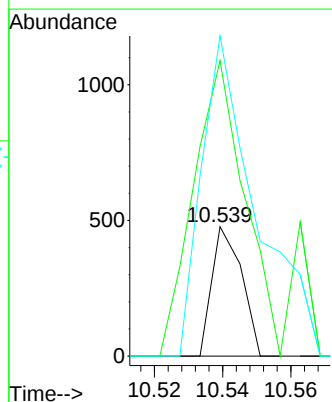
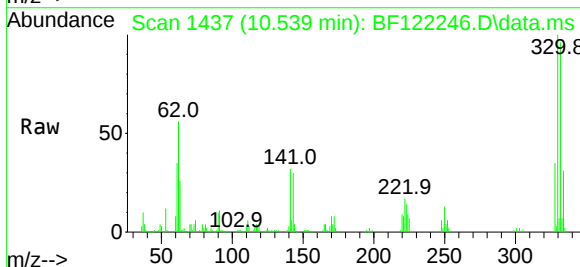
Instrument :
BNA_F
ClientSampleId :
MW-01

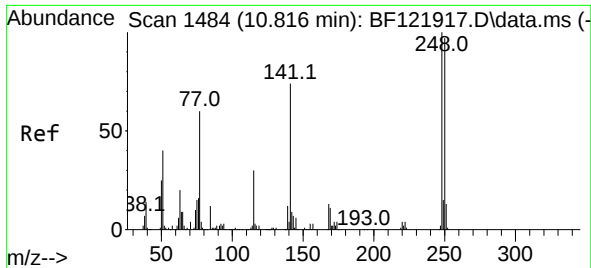
Tgt Ion:188 Resp: 292090
Ion Ratio Lower Upper
188 100
94 9.6 8.3 12.5
80 10.8 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.57 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122246.D
Acq: 3 Nov 2020 18:03

Tgt Ion:198 Resp: 288
Ion Ratio Lower Upper
198 100
51 228.3 29.6 69.6#
105 247.4 24.4 64.4#

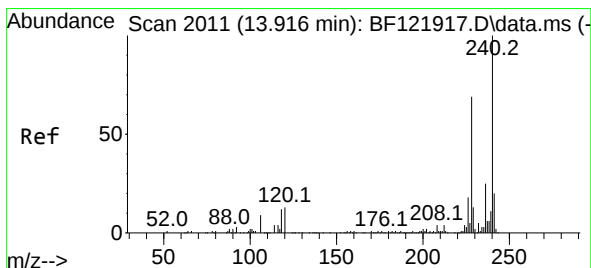
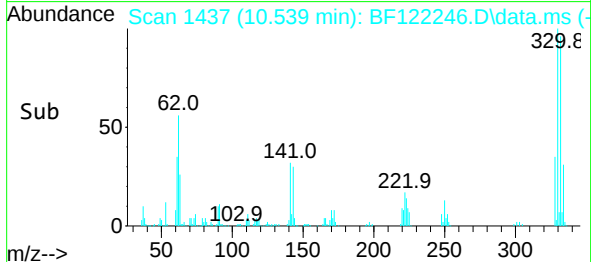
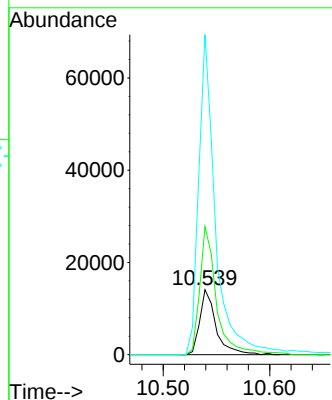
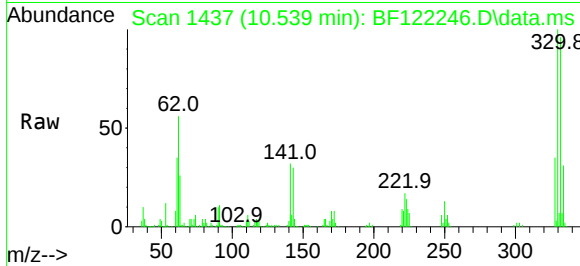




#67
4-Bromophenyl-phenylether
Concen: 4.48 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122246.D
Acq: 3 Nov 2020 18:03

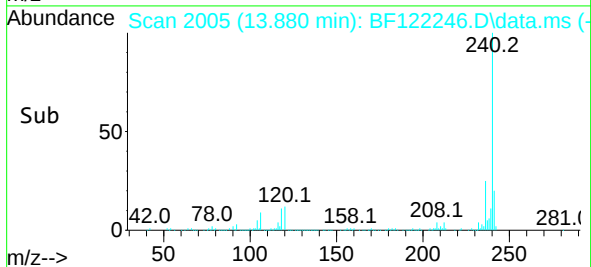
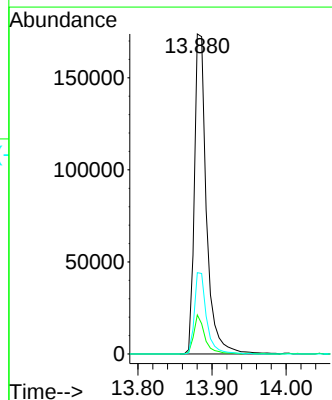
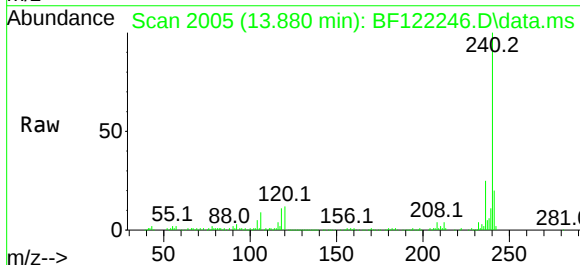
Instrument :
BNA_F
ClientSampled :
MW-01

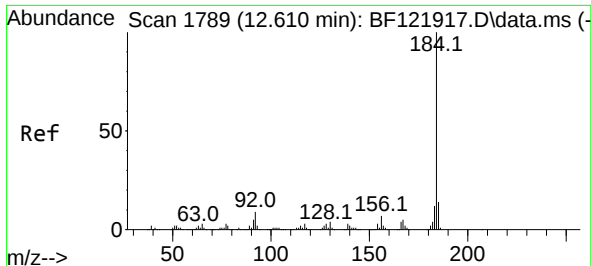
Tgt Ion:248 Resp: 15103
Ion Ratio Lower Upper
248 100
250 197.3 77.0 115.6#
141 492.9 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122246.D
Acq: 3 Nov 2020 18:03

Tgt Ion:240 Resp: 196911
Ion Ratio Lower Upper
240 100
120 12.2 9.2 13.8
236 25.4 20.9 31.3

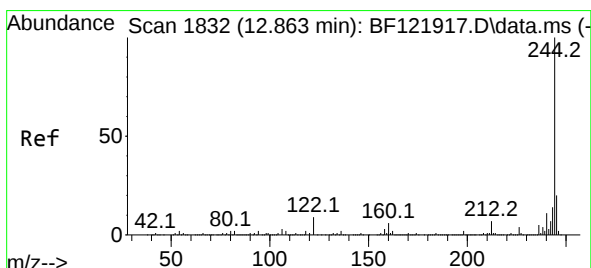
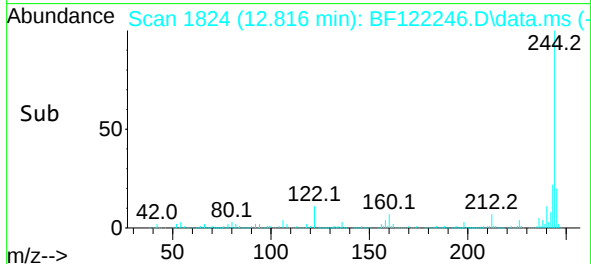
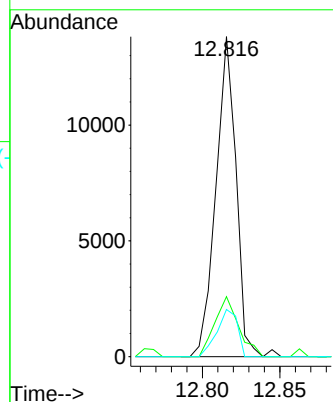
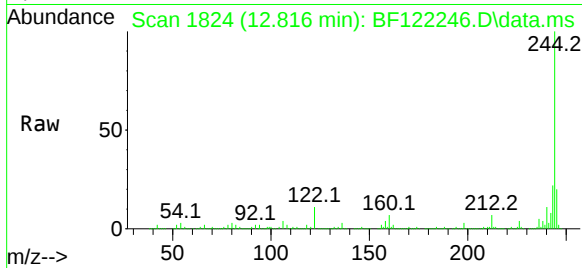




#77
Benzidine
Concen: 2.06 ng
RT: 12.816 min Scan# 1824
Delta R.T. 0.241 min
Lab File: BF122246.D
Acq: 3 Nov 2020 18:03

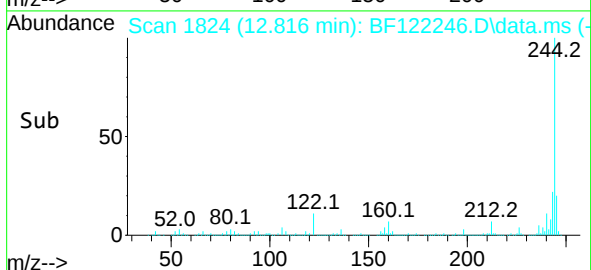
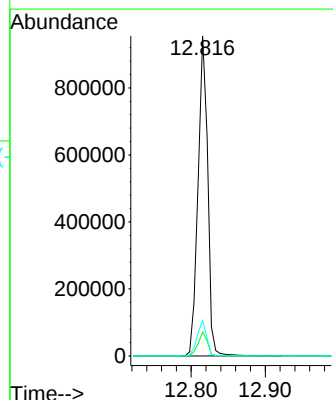
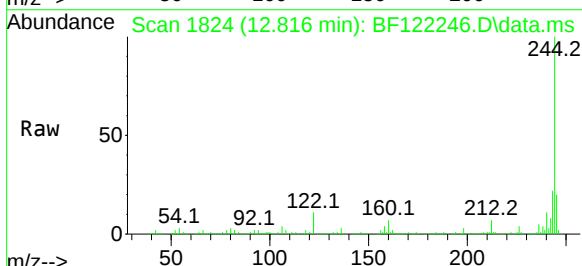
Instrument :
BNA_F
ClientSampled :
MW-01

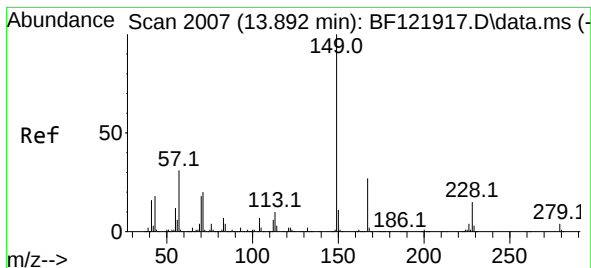
Tgt Ion:184 Resp: 12523
Ion Ratio Lower Upper
184 100
185 18.8 11.6 17.4#
183 14.8 9.4 14.0#



#79
Terphenyl-d14
Concen: 83.79 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122246.D
Acq: 3 Nov 2020 18:03

Tgt Ion:244 Resp: 865792
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.2
122 11.1 8.1 12.1

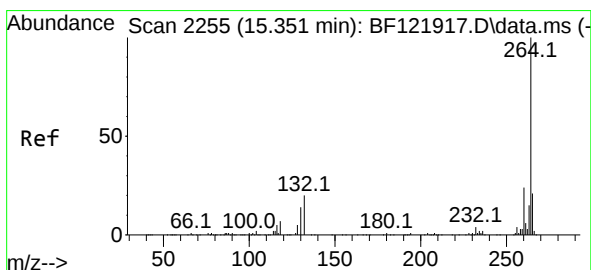
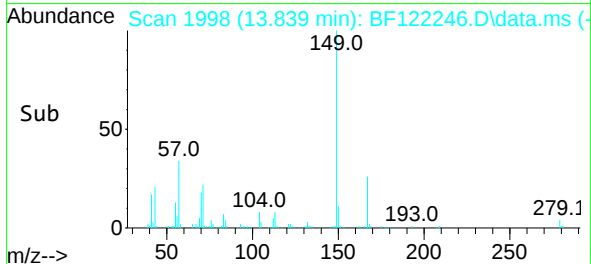
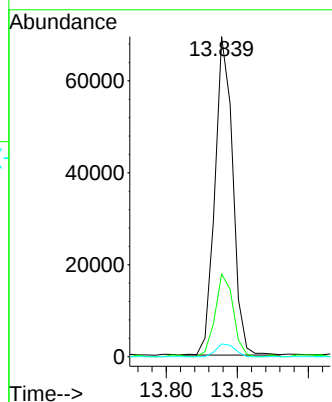
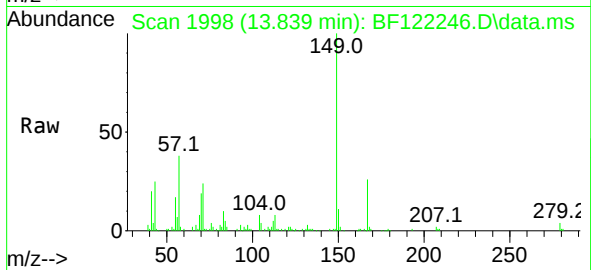




#84
Bis(2-ethylhexyl)phthalate
Concen: 7.49 ng
RT: 13.839 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF122246.D
Acq: 3 Nov 2020 18:03

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:149 Resp: 60538
Ion Ratio Lower Upper
149 100
167 25.8 20.9 31.3
279 4.0 3.2 4.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.018 min
Lab File: BF122246.D
Acq: 3 Nov 2020 18:03

Tgt Ion:264 Resp: 203339
Ion Ratio Lower Upper
264 100
260 22.9 18.7 28.1
265 21.4 17.3 25.9

