

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110320\
 Data File : BF122243.D
 Acq On : 3 Nov 2020 16:32
 Operator : JU/CG
 Sample : L4607-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OW-05

Quant Time: Nov 04 01:07:06 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)

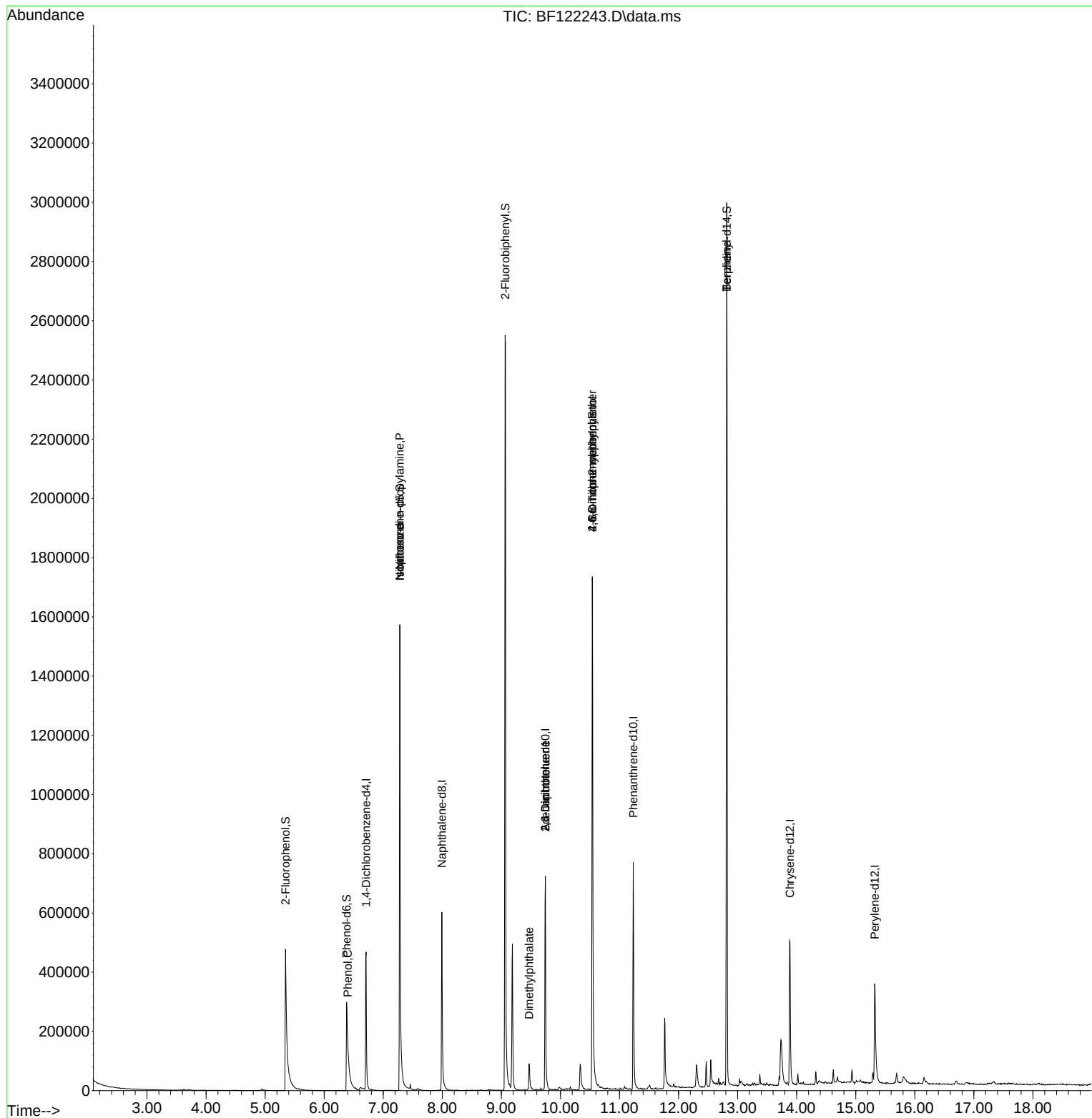
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	80025	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	319336	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	163507	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	309518	20.00	ng	0.00
76) Chrysene-d12	13.886	240	215882	20.00	ng	0.00
86) Perylene-d12	15.321	264	209946	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	283707	52.32	ng	0.01
7) Phenol-d6	6.381	99	213985	30.66	ng	0.01
23) Nitrobenzene-d5	7.281	82	576882	92.65	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	266949	131.98	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	962334	86.60	ng	0.00
79) Terphenyl-d14	12.816	244	970491	85.67	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.398	94	23788	3.30	ng	92
19) n-Nitroso-di-n-propyla...	7.281	70	78465	19.74	ng	# 80
25) Isophorone	7.281	82	576882	49.00	ng	# 67
50) Dimethylphthalate	9.469	163	48282	4.04	ng	99
51) 2,6-Dinitrotoluene	9.745	165	20781	7.92	ng	# 20
57) 2,4-Dinitrotoluene	9.745	165	20781	6.44	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.539	198	513	4.66	ng	# 1
67) 4-Bromophenyl-phenylether	10.539	248	15379	4.30	ng	# 1
77) Benzidine	12.816	184	13563	2.04	ng	95

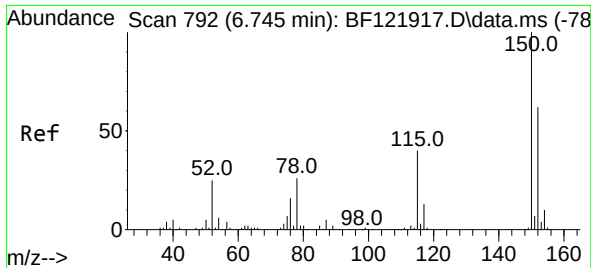
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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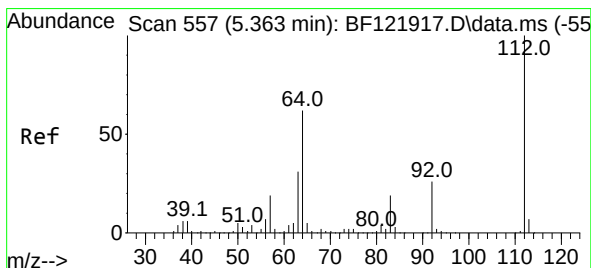
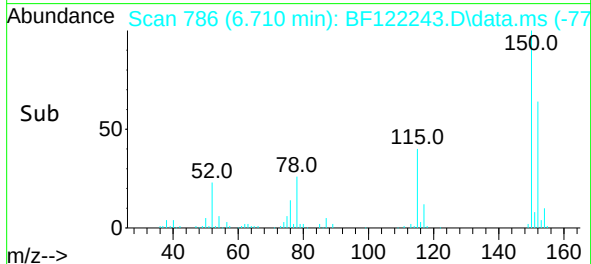
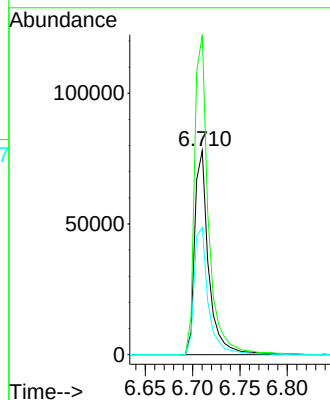
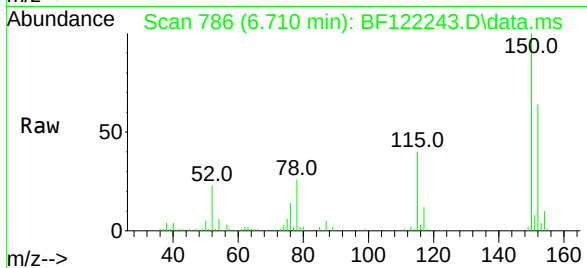




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122243.D
Acq: 3 Nov 2020 16:32

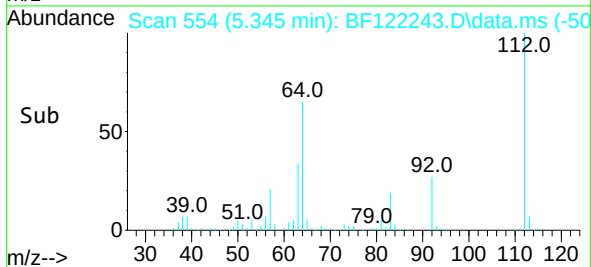
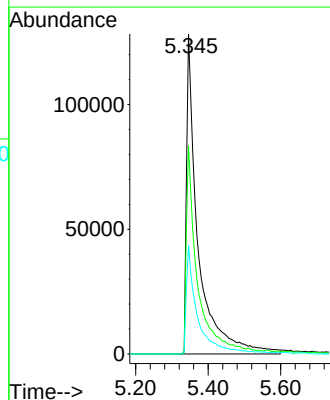
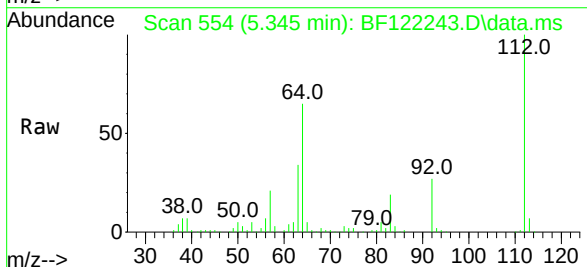
Instrument :
BNA_F
ClientSampleId :
OW-05

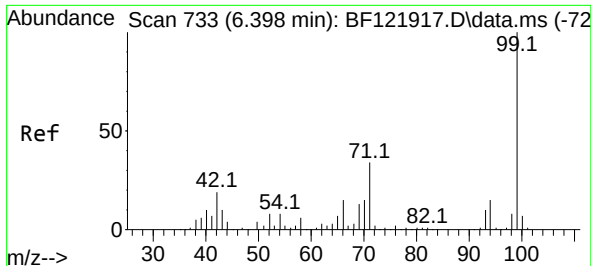
Tgt Ion:152 Resp: 80025
Ion Ratio Lower Upper
152 100
150 156.9 125.3 187.9
115 62.3 51.9 77.9



#5
2-Fluorophenol
Concen: 52.32 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF122243.D
Acq: 3 Nov 2020 16:32

Tgt Ion:112 Resp: 283707
Ion Ratio Lower Upper
112 100
64 65.1 50.4 75.6
63 34.0 25.8 38.6

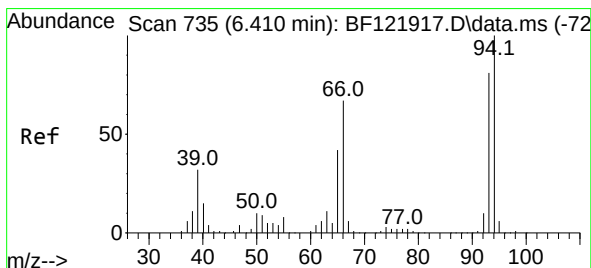
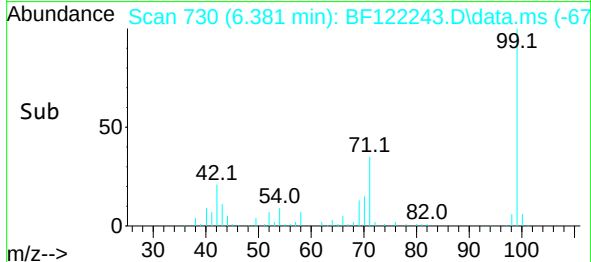
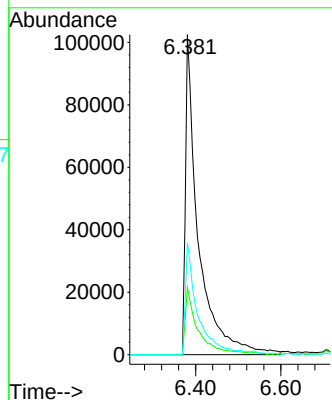
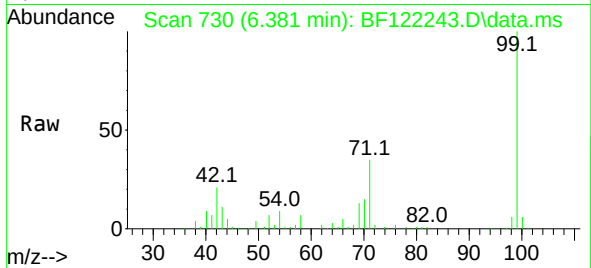




#7
Phenol-d6
Concen: 30.66 ng
RT: 6.381 min Scan# 730
Delta R.T. 0.012 min
Lab File: BF122243.D
Acq: 3 Nov 2020 16:32

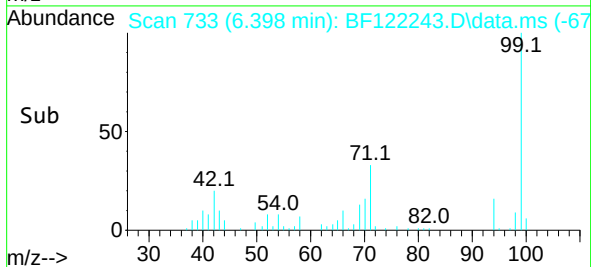
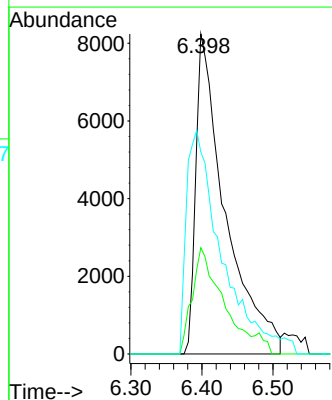
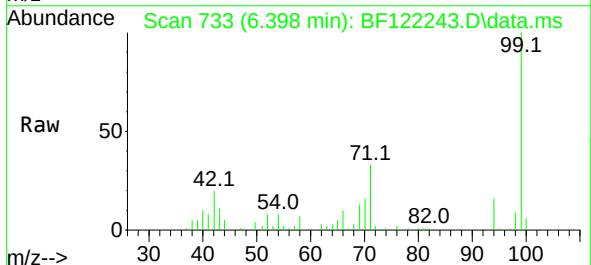
Instrument :
BNA_F
ClientSampleId :
OW-05

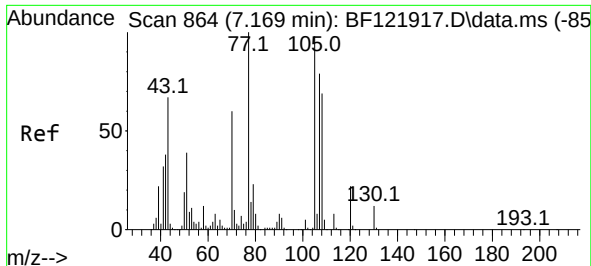
Tgt Ion: 99 Resp: 213985
Ion Ratio Lower Upper
99 100
42 21.0 15.9 23.9
71 35.1 27.1 40.7



#10
Phenol
Concen: 3.30 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.017 min
Lab File: BF122243.D
Acq: 3 Nov 2020 16:32

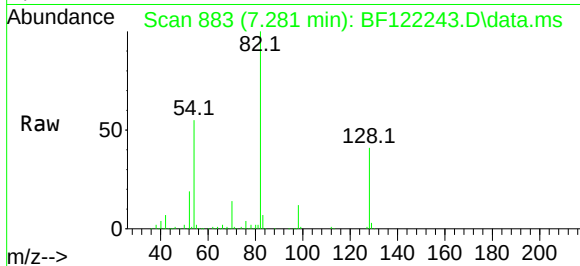
Tgt Ion: 94 Resp: 23788
Ion Ratio Lower Upper
94 100
65 33.2 17.1 57.1
66 63.1 36.0 76.0



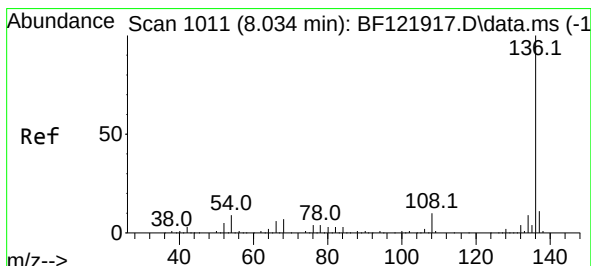
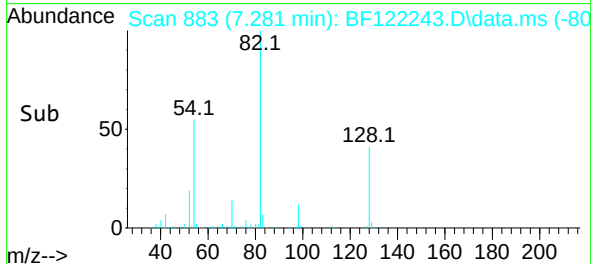
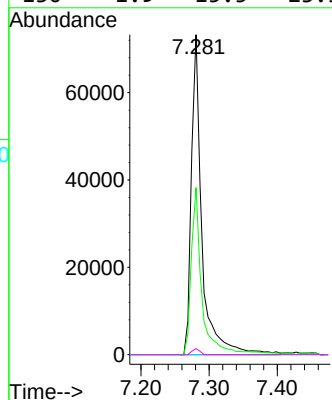


#19
n-Nitroso-di-n-propylamine
Concen: 19.74 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122243.D
Acq: 3 Nov 2020 16:32

Instrument :
BNA_F
ClientSampleId :
OW-05

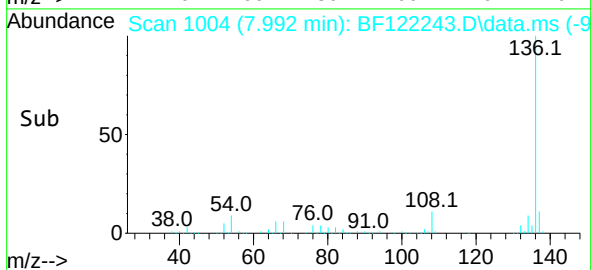
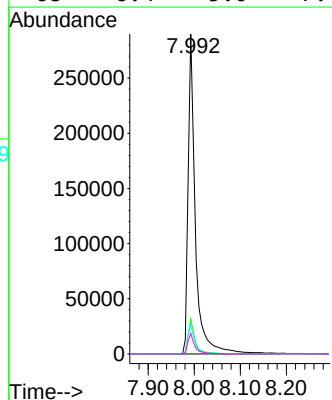
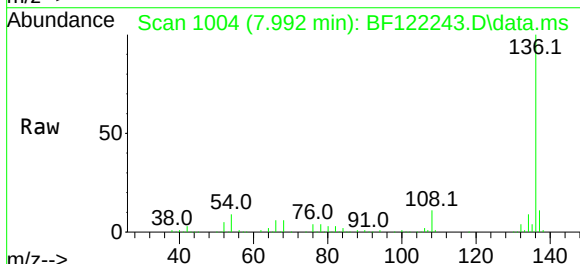


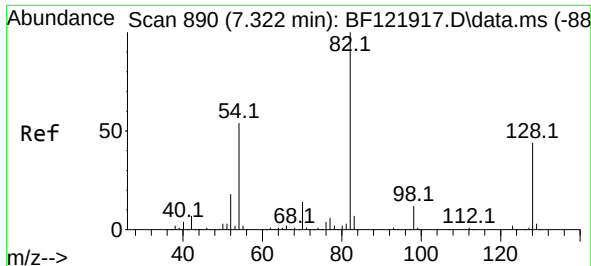
Tgt Ion: 70 Resp: 78465
Ion Ratio Lower Upper
70 100
42 52.3 50.2 75.4
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122243.D
Acq: 3 Nov 2020 16:32

Tgt Ion: 136 Resp: 319336
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.3 7.1 10.7
68 6.4 5.0 7.4

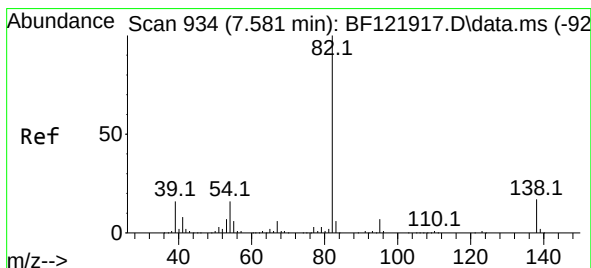
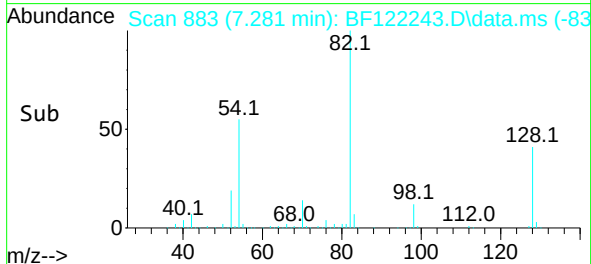
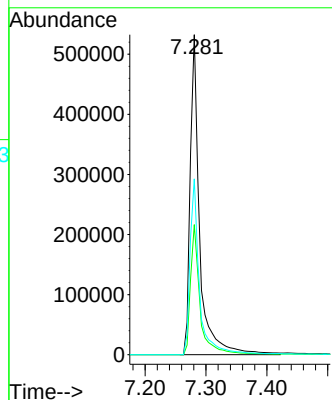
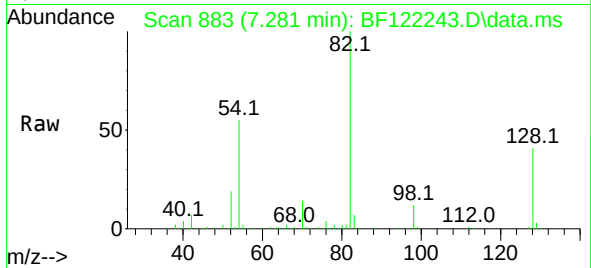




#23
Nitrobenzene-d5
Concen: 92.65 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122243.D
Acq: 3 Nov 2020 16:32

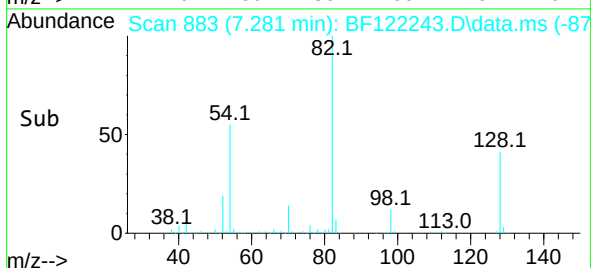
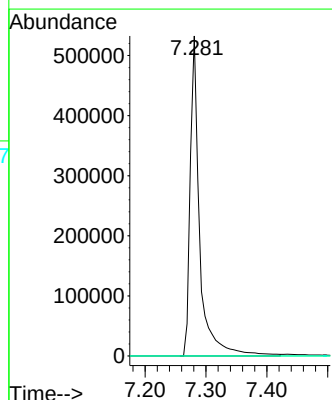
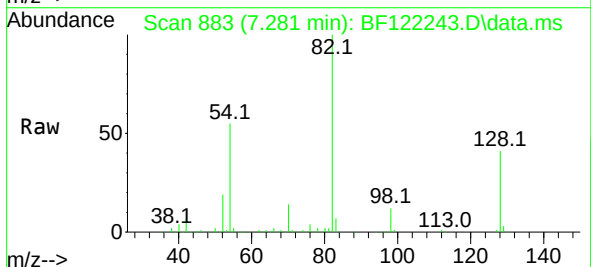
Instrument :
BNA_F
ClientSampleId :
OW-05

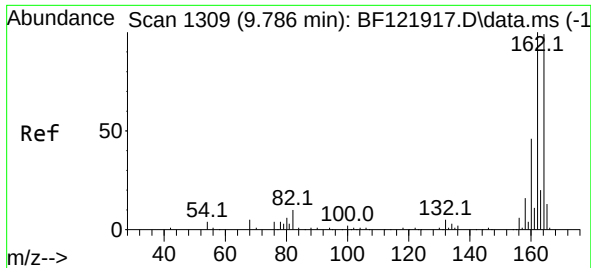
Tgt Ion: 82 Resp: 576882
Ion Ratio Lower Upper
82 100
128 40.6 35.0 52.4
54 54.9 43.9 65.9



#25
Isophorone
Concen: 49.00 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.265 min
Lab File: BF122243.D
Acq: 3 Nov 2020 16:32

Tgt Ion: 82 Resp: 576882
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#

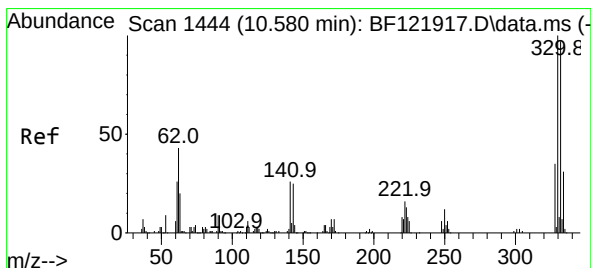
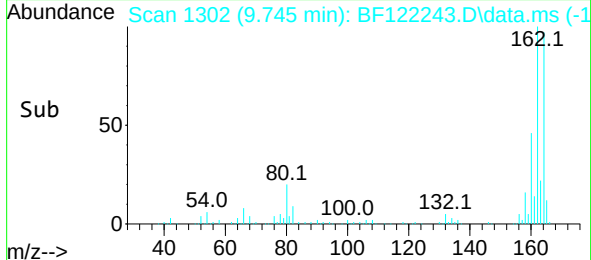
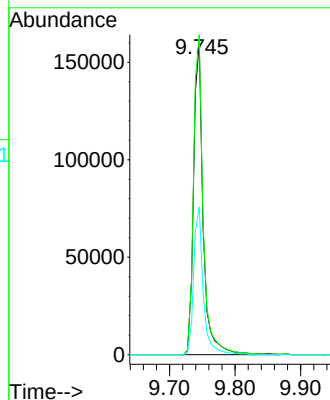
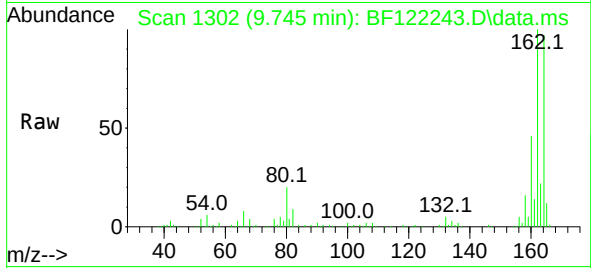




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122243.D
Acq: 3 Nov 2020 16:32

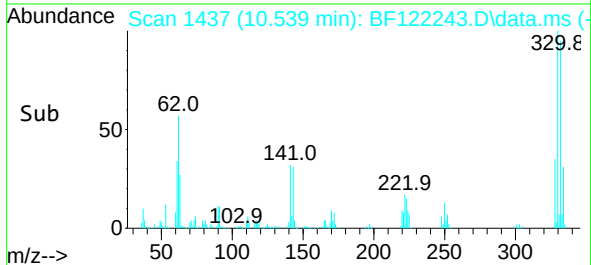
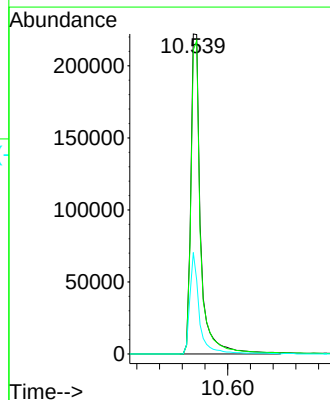
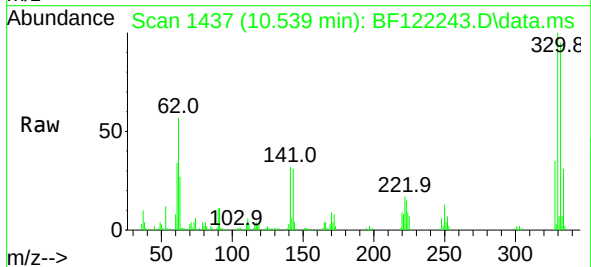
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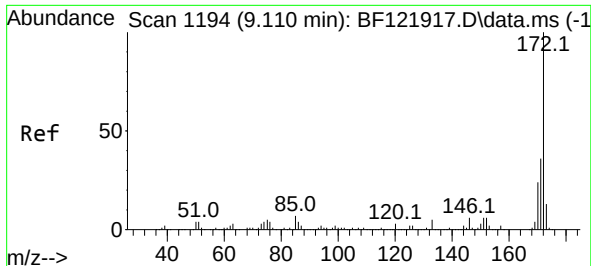
Tgt Ion:164 Resp: 163507
Ion Ratio Lower Upper
164 100
162 102.9 83.2 124.8
160 47.5 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 131.98 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122243.D
Acq: 3 Nov 2020 16:32

Tgt Ion:330 Resp: 266949
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 30.7 22.3 33.5

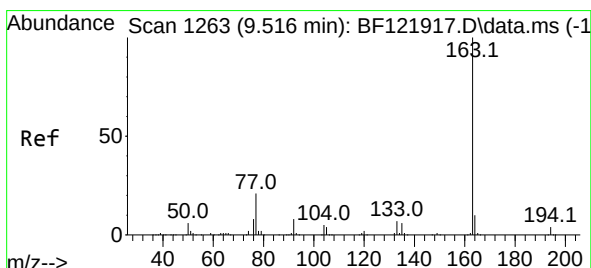
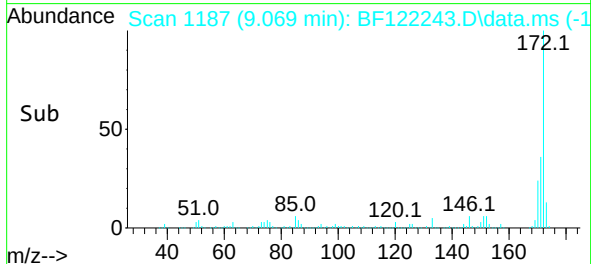
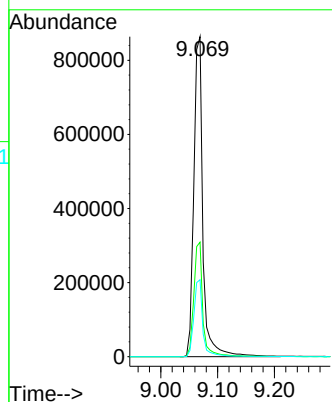
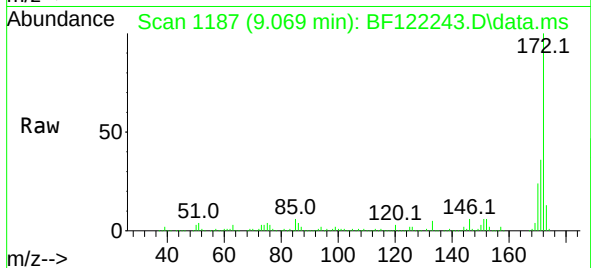




#45
2-Fluorobiphenyl
Concen: 86.60 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122243.D
Acq: 3 Nov 2020 16:32

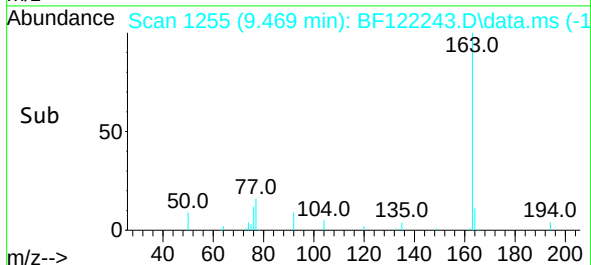
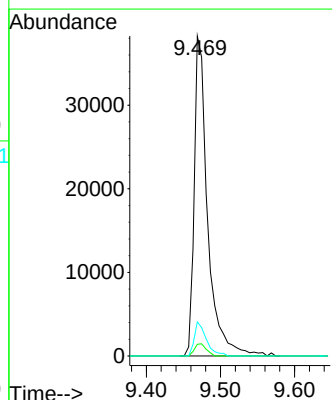
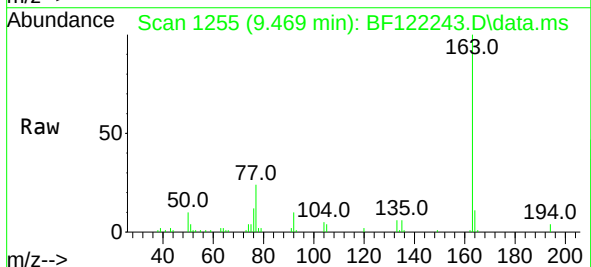
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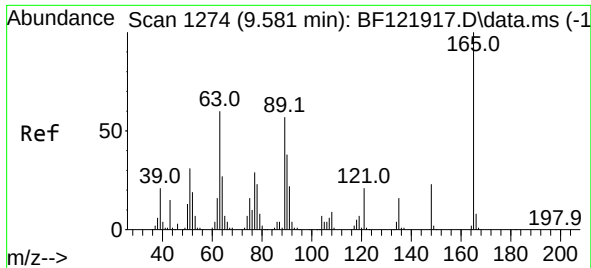
Tgt Ion:172 Resp: 962334
Ion Ratio Lower Upper
172 100
171 35.8 29.1 43.7
170 24.0 19.8 29.6



#50
Dimethylphthalate
Concen: 4.04 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122243.D
Acq: 3 Nov 2020 16:32

Tgt Ion:163 Resp: 48282
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 10.7 8.2 12.4

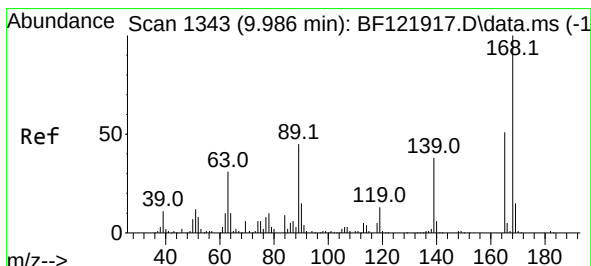
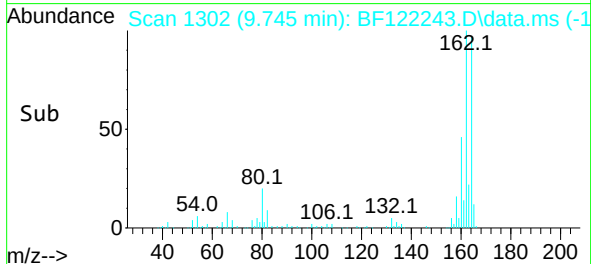
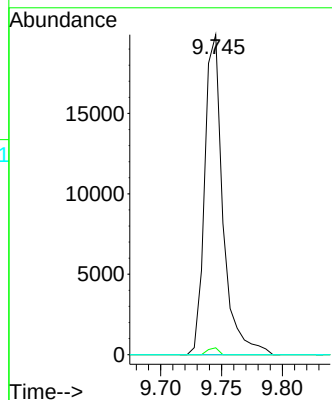
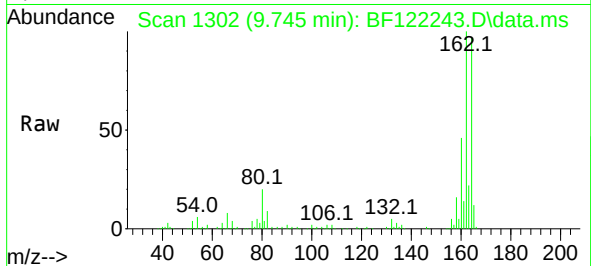




#51
2,6-Dinitrotoluene
Concen: 7.92 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122243.D
Acq: 3 Nov 2020 16:32

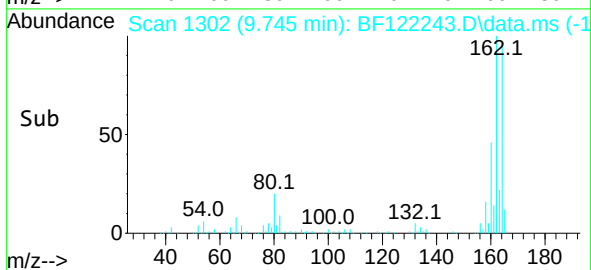
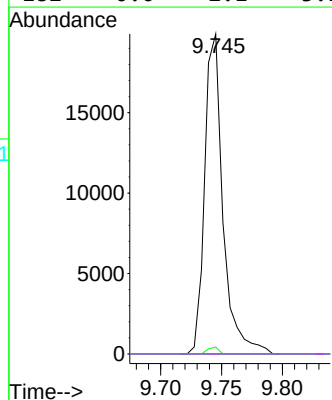
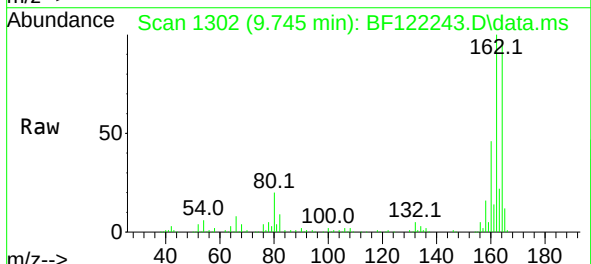
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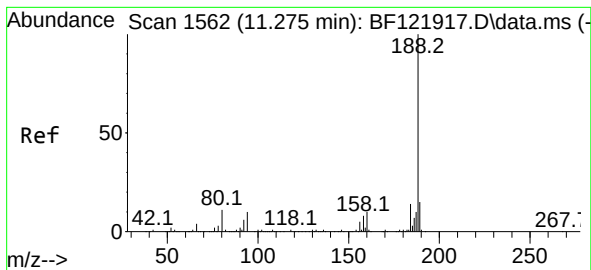
Tgt Ion:165 Resp: 20781
Ion Ratio Lower Upper
165 100
63 2.2 51.8 77.6#
89 0.0 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.44 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122243.D
Acq: 3 Nov 2020 16:32

Tgt Ion:165 Resp: 20781
Ion Ratio Lower Upper
165 100
63 2.2 41.3 61.9#
89 0.0 61.8 92.8#
182 0.0 2.1 3.1#

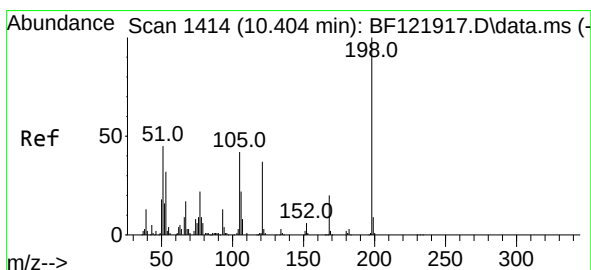
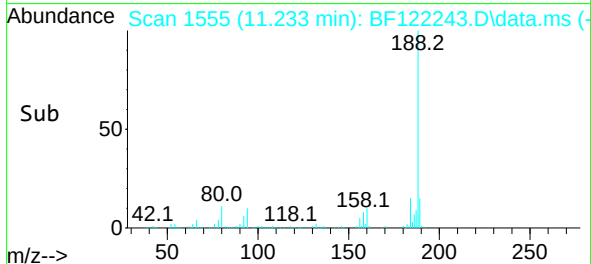
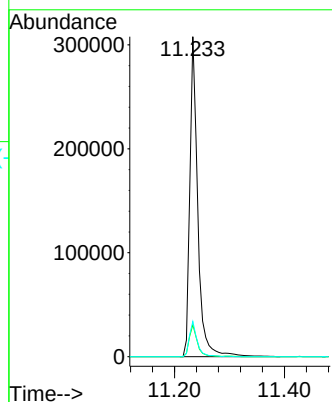
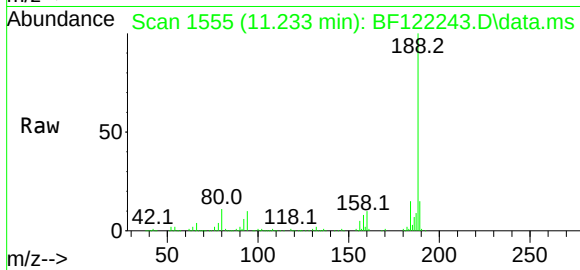




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122243.D
Acq: 3 Nov 2020 16:32

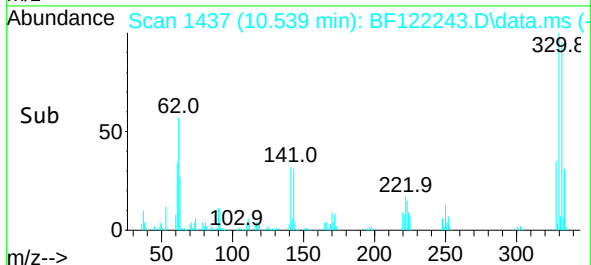
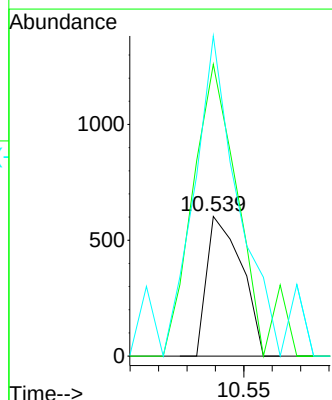
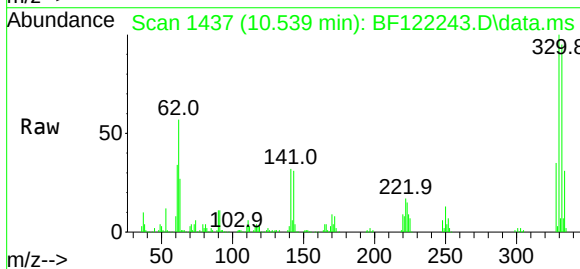
Instrument :
BNA_F
ClientSampleId :
OW-05

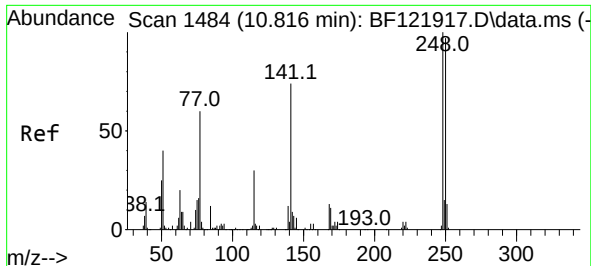
Tgt Ion:188 Resp: 309518
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 11.0 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.66 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122243.D
Acq: 3 Nov 2020 16:32

Tgt Ion:198 Resp: 513
Ion Ratio Lower Upper
198 100
51 209.0 29.6 69.6#
105 229.2 24.4 64.4#

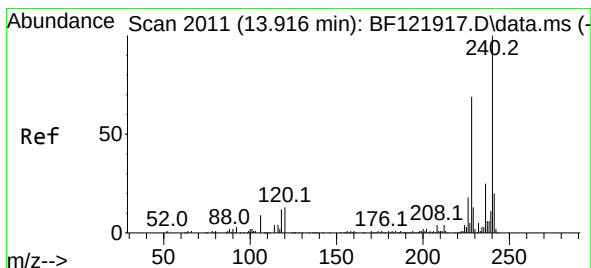
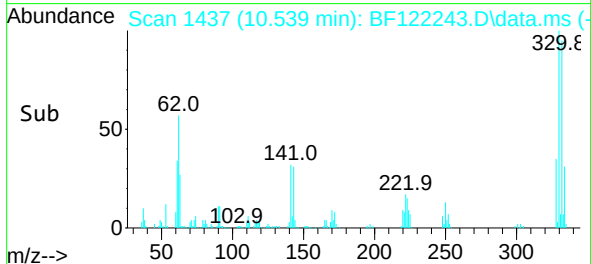
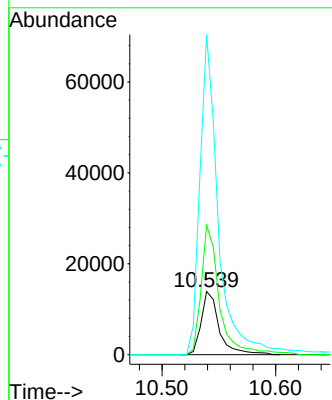
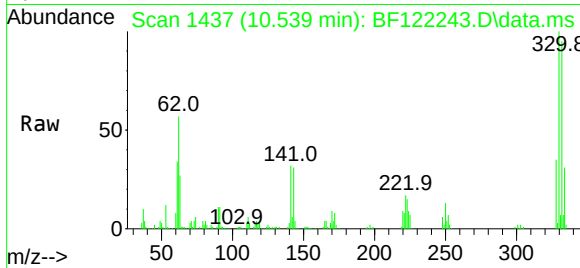




#67
4-Bromophenyl-phenylether
Concen: 4.30 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122243.D
Acq: 3 Nov 2020 16:32

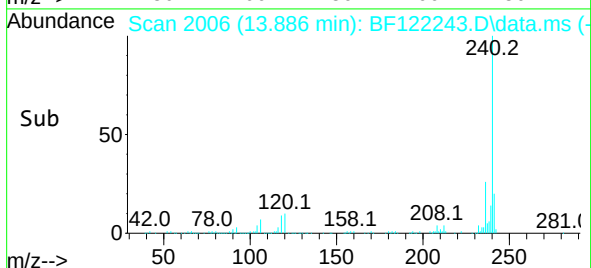
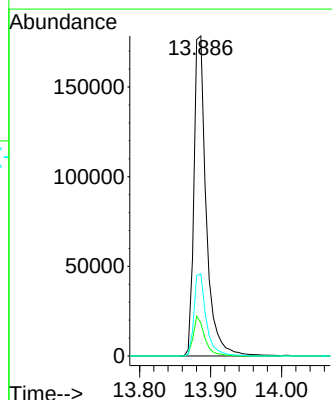
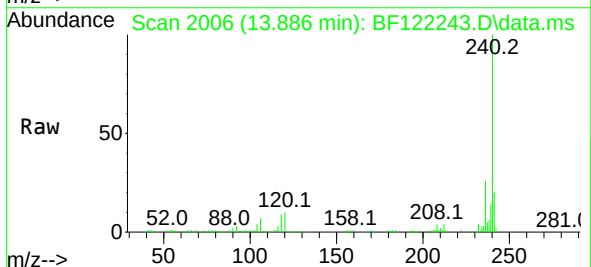
Instrument :
BNA_F
ClientSampleId :
OW-05

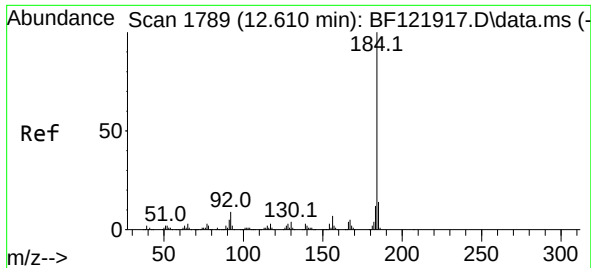
Tgt Ion:248 Resp: 15379
Ion Ratio Lower Upper
248 100
250 204.4 77.0 115.6#
141 505.9 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF122243.D
Acq: 3 Nov 2020 16:32

Tgt Ion:240 Resp: 215882
Ion Ratio Lower Upper
240 100
120 10.4 9.2 13.8
236 25.6 20.9 31.3

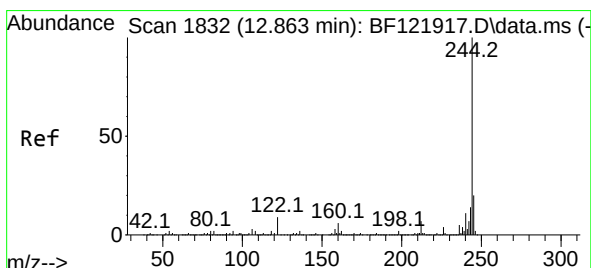
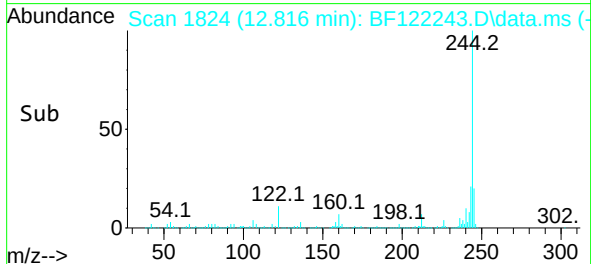
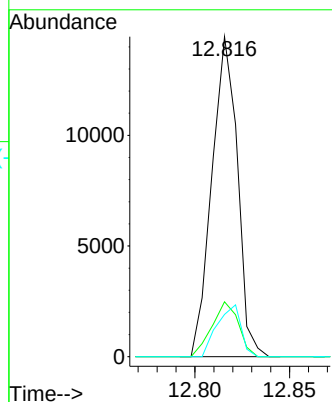
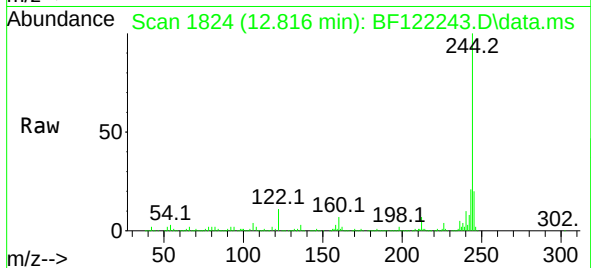




#77
Benzidine
Concen: 2.04 ng
RT: 12.816 min Scan# 1824
Delta R.T. 0.241 min
Lab File: BF122243.D
Acq: 3 Nov 2020 16:32

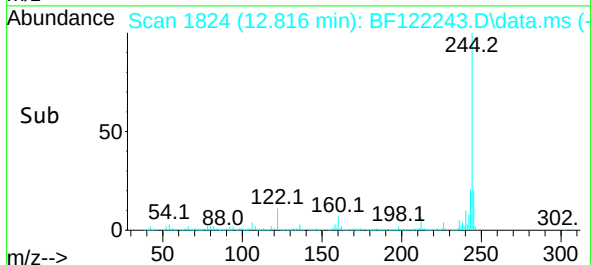
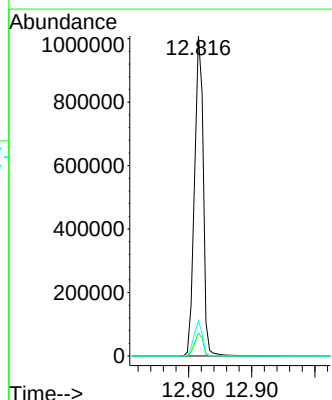
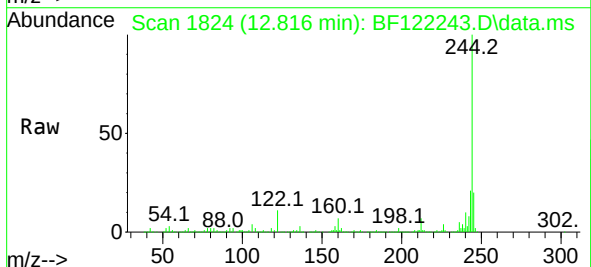
Instrument :
BNA_F
ClientSampled :
OW-05

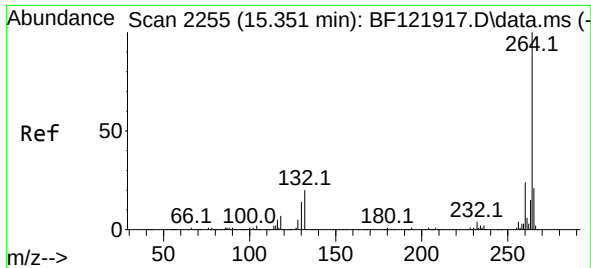
Tgt Ion:184 Resp: 13563
Ion Ratio Lower Upper
184 100
185 17.1 11.6 17.4
183 13.2 9.4 14.0



#79
Terphenyl-d14
Concen: 85.67 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122243.D
Acq: 3 Nov 2020 16:32

Tgt Ion:244 Resp: 970491
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 11.1 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.321 min Scan# 2250
 Delta R.T. 0.018 min
 Lab File: BF122243.D
 Acq: 3 Nov 2020 16:32

Instrument :
 BNA_F
 ClientSampleId :
 OW-05

Tgt Ion:264 Resp: 209946
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 21.3 17.3 25.9

