

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122211.D
 Acq On : 31 Oct 2020 9:39
 Operator : JU/CG
 Sample : L4549-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHASSIS-WASH

Quant Time: Nov 01 23:51:18 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)

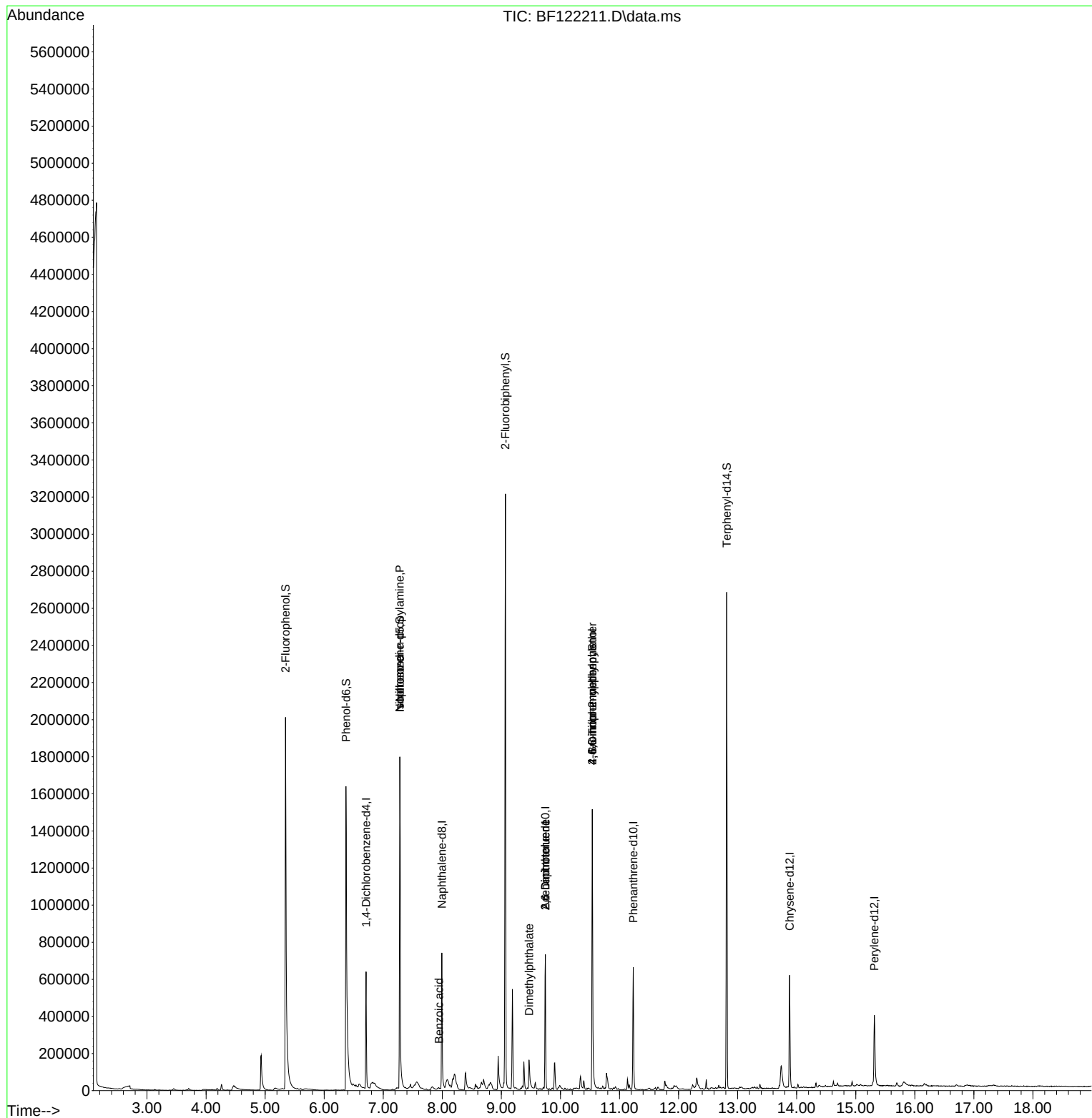
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	91638	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	328702	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	140851	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	223969	20.00	ng	0.00
76) Chrysene-d12	13.880	240	208829	20.00	ng	0.00
86) Perylene-d12	15.315	264	198472	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	726138	116.95	ng	0.01
7) Phenol-d6	6.369	99	807590	101.04	ng	0.00
23) Nitrobenzene-d5	7.281	82	612949	95.63	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	206966	118.79	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	948514	99.08	ng	0.00
79) Terphenyl-d14	12.816	244	801534	73.15	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.369	77	1264	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.281	70	85324	18.75	ng	# 81
25) Isophorone	7.281	82	612942	50.58	ng	# 67
32) Benzoic acid	7.945	122	1281	8.03	ng	94
50) Dimethylphthalate	9.469	163	46326	4.50	ng	99
51) 2,6-Dinitrotoluene	9.745	165	17840	7.90	ng	# 21
57) 2,4-Dinitrotoluene	9.745	165	17840	6.41	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.539	198	421	4.69	ng	# 1
67) 4-Bromophenyl-phenylether	10.539	248	12437	4.81	ng	# 1

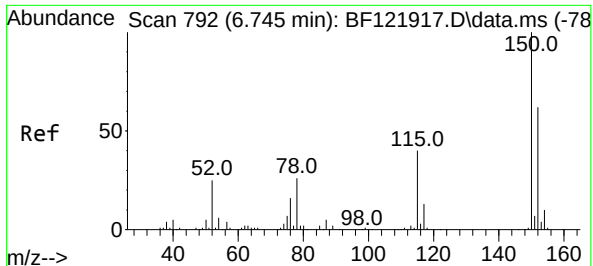
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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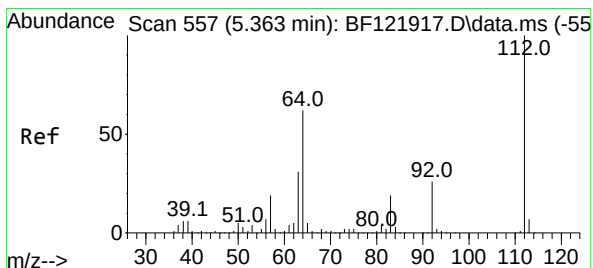
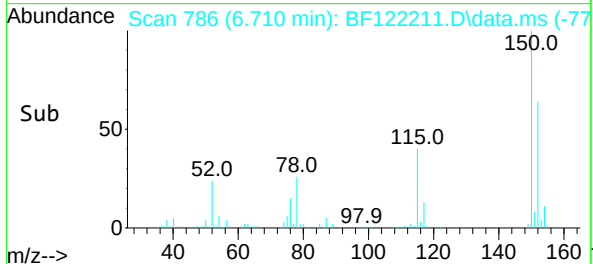
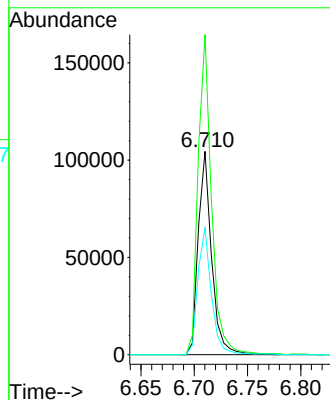
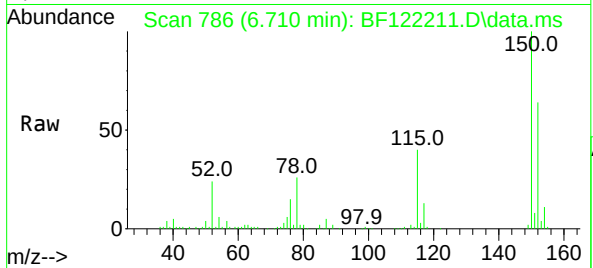




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122211.D
Acq: 31 Oct 2020 9:39

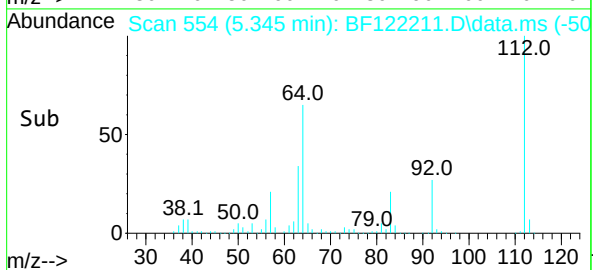
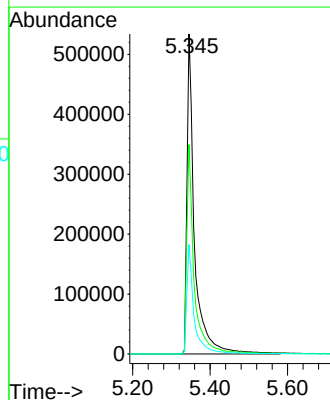
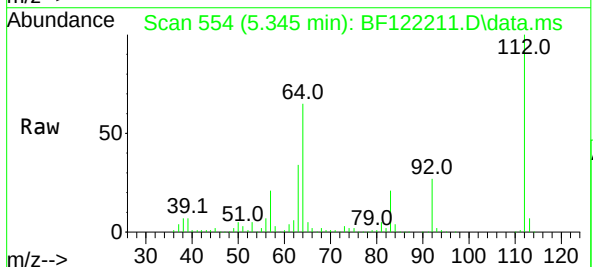
Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH

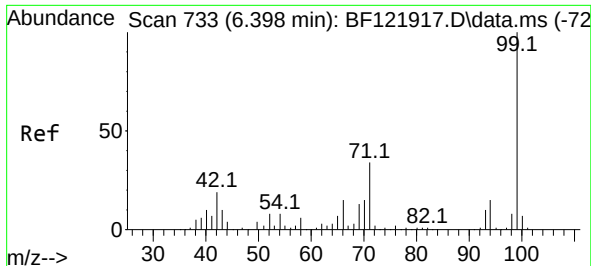
Tgt Ion:152 Resp: 91638
Ion Ratio Lower Upper
152 100
150 157.4 125.3 187.9
115 62.3 51.9 77.9



#5
2-Fluorophenol
Concen: 116.95 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF122211.D
Acq: 31 Oct 2020 9:39

Tgt Ion:112 Resp: 726138
Ion Ratio Lower Upper
112 100
64 65.4 50.4 75.6
63 34.2 25.8 38.6

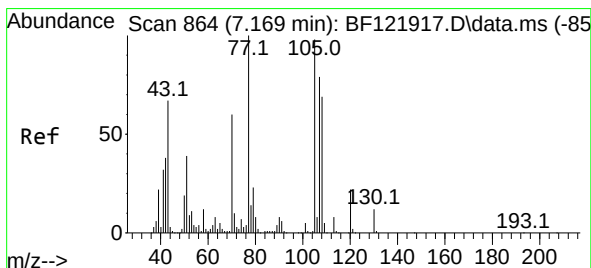
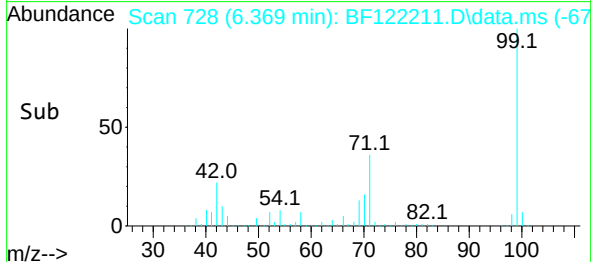
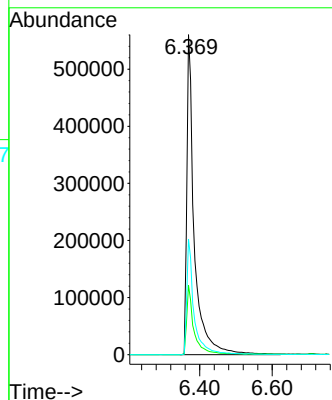
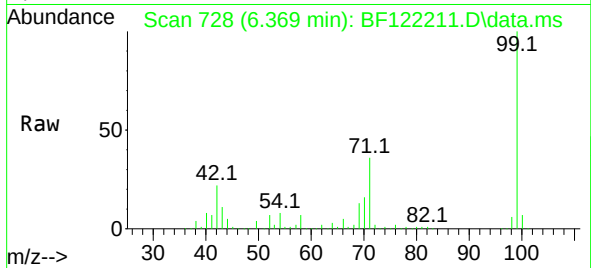




#7
Phenol-d6
Concen: 101.04 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122211.D
Acq: 31 Oct 2020 9:39

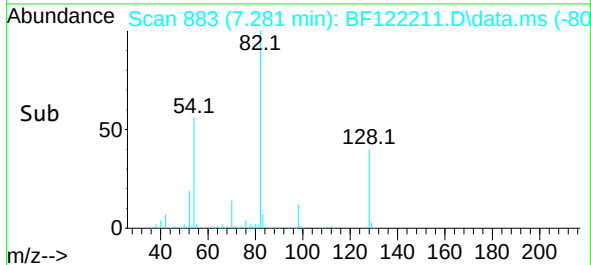
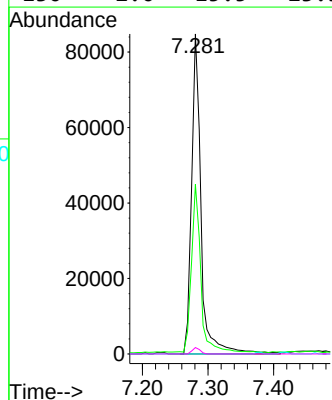
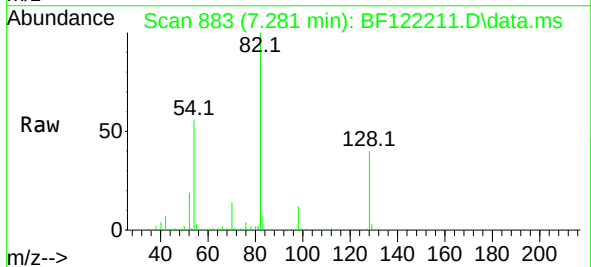
Instrument :
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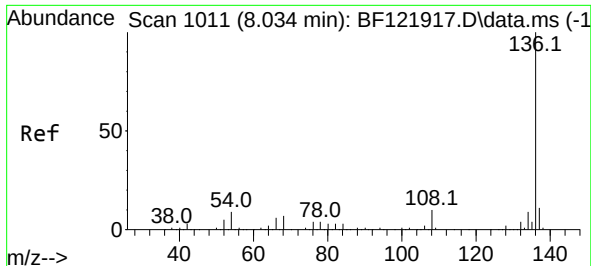
Tgt Ion: 99 Resp: 807590
Ion Ratio Lower Upper
99 100
42 21.6 15.9 23.9
71 36.2 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.75 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122211.D
Acq: 31 Oct 2020 9:39

Tgt Ion: 70 Resp: 85324
Ion Ratio Lower Upper
70 100
42 53.0 50.2 75.4
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#

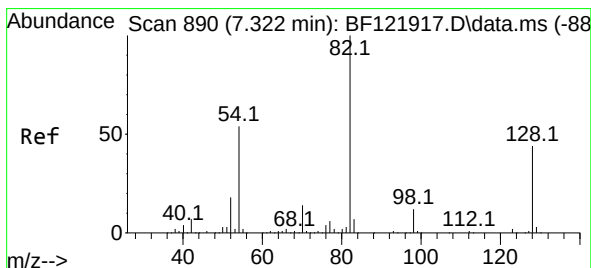
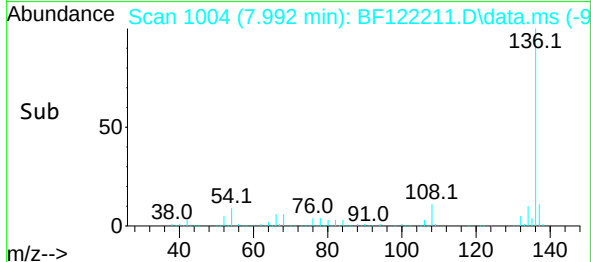
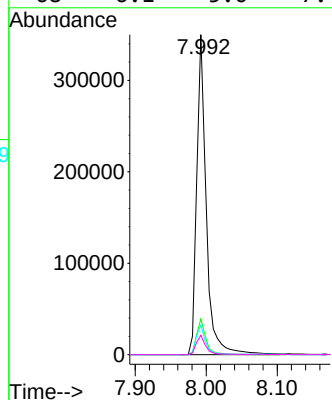
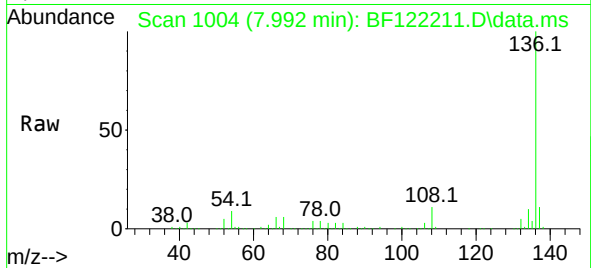




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122211.D
Acq: 31 Oct 2020 9:39

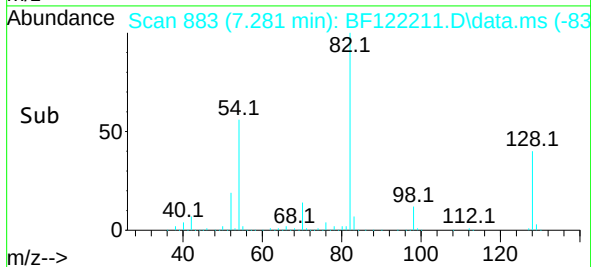
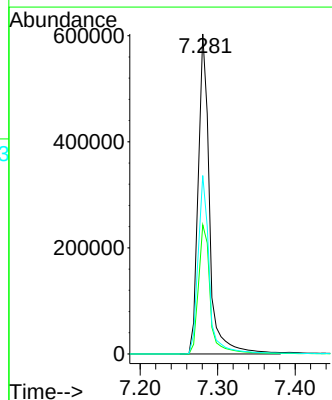
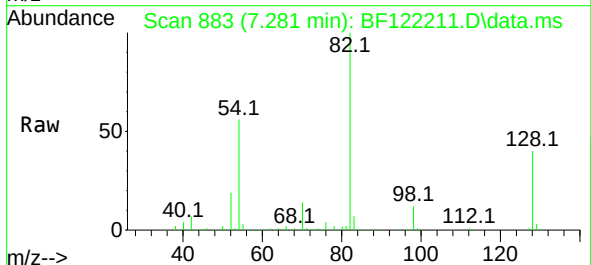
Instrument :
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ClientSampleId :
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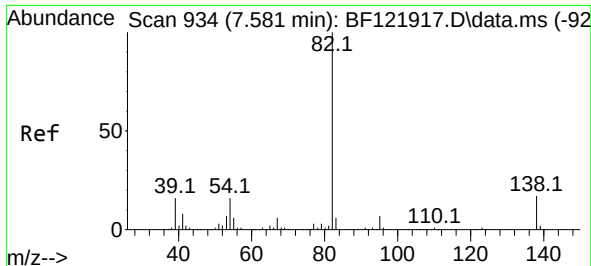
Tgt Ion:136	Resp: 328702
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 13.0
54 9.3	7.1 10.7
68 6.1	5.0 7.4



#23
Nitrobenzene-d5
Concen: 95.63 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122211.D
Acq: 31 Oct 2020 9:39

Tgt Ion: 82	Resp: 612949
Ion Ratio	Lower Upper
82 100	
128 40.4	35.0 52.4
54 55.8	43.9 65.9

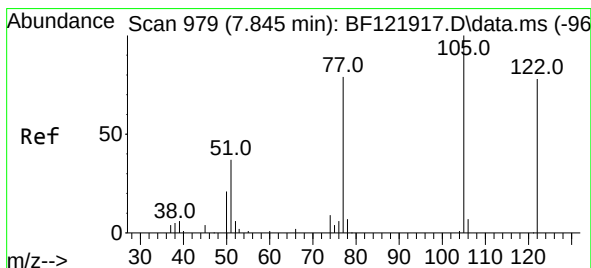
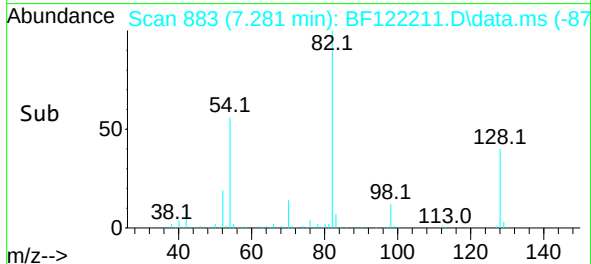
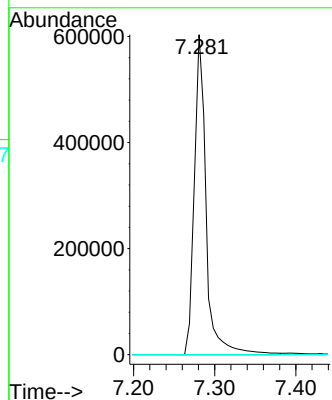
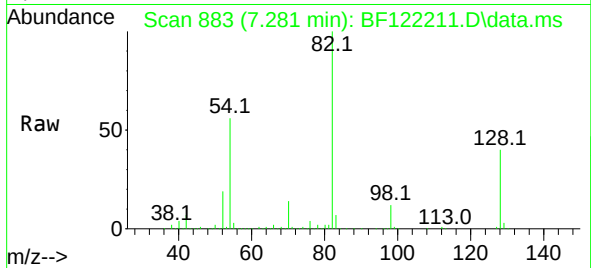




#25
Isophorone
Concen: 50.58 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.265 min
Lab File: BF122211.D
Acq: 31 Oct 2020 9:39

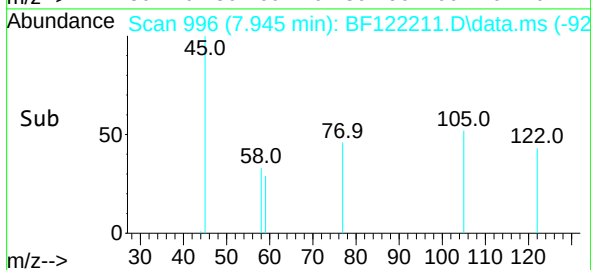
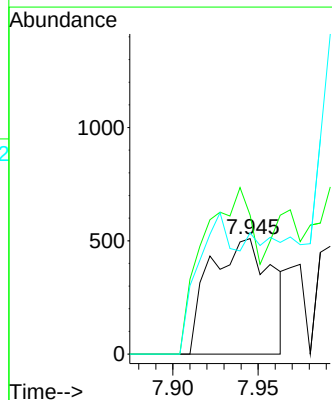
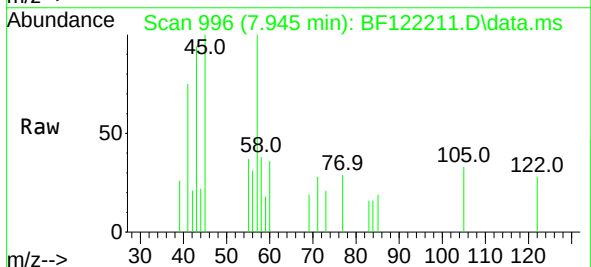
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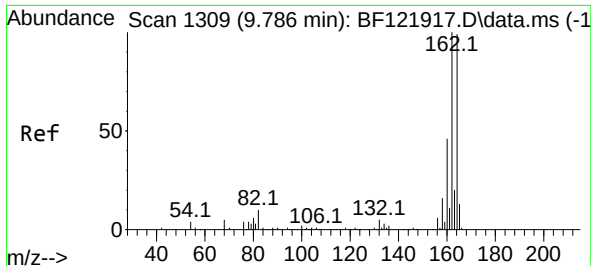
Tgt Ion: 82 Resp: 612942
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 8.03 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.118 min
Lab File: BF122211.D
Acq: 31 Oct 2020 9:39

Tgt Ion:122 Resp: 1281
Ion Ratio Lower Upper
122 100
105 120.2 103.3 143.3
77 104.9 73.9 113.9

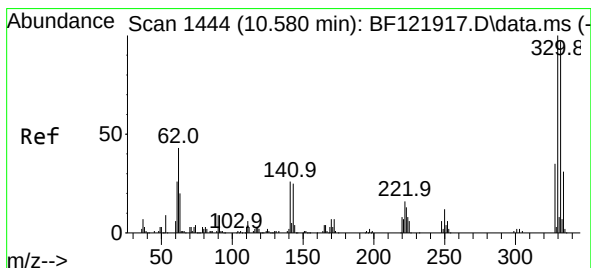
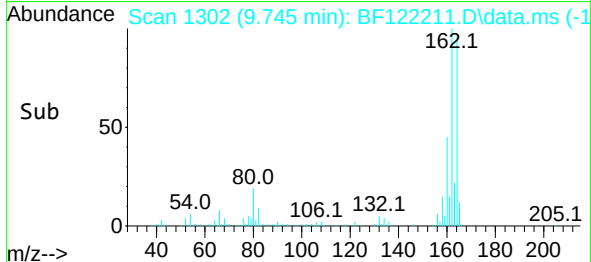
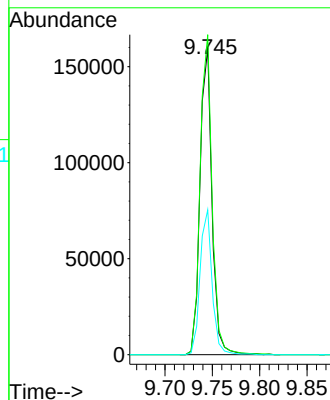
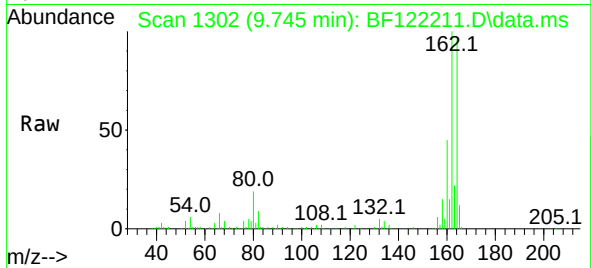




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122211.D
Acq: 31 Oct 2020 9:39

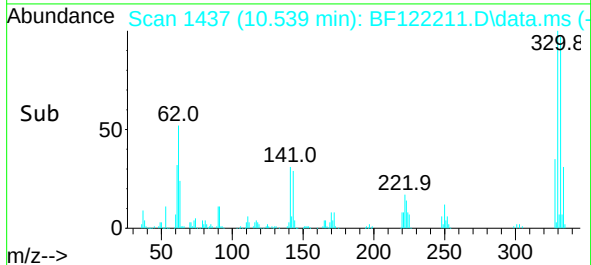
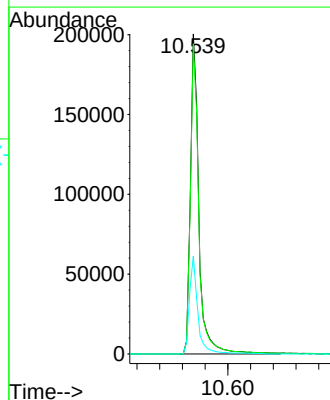
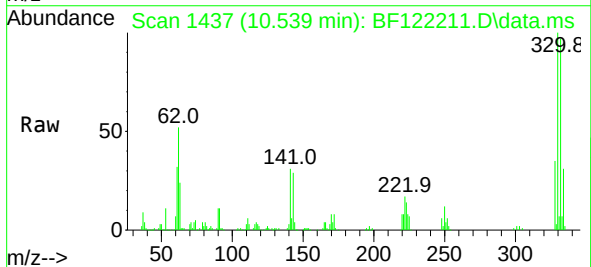
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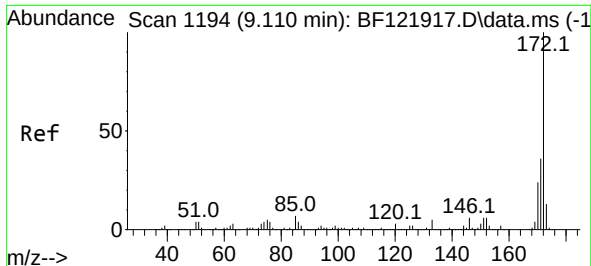
Tgt Ion:164 Resp: 140851
Ion Ratio Lower Upper
164 100
162 104.5 83.2 124.8
160 47.3 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 118.79 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122211.D
Acq: 31 Oct 2020 9:39

Tgt Ion:330 Resp: 206966
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 30.6 22.3 33.5

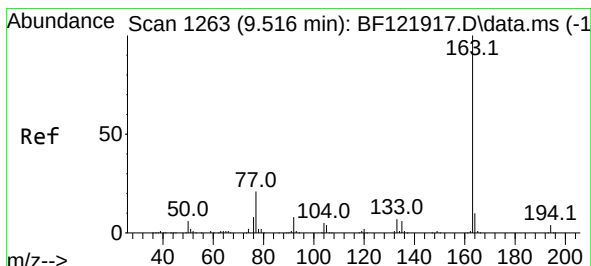
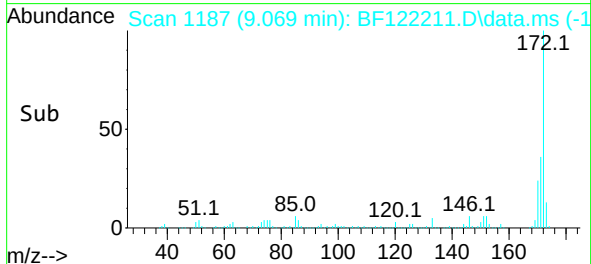
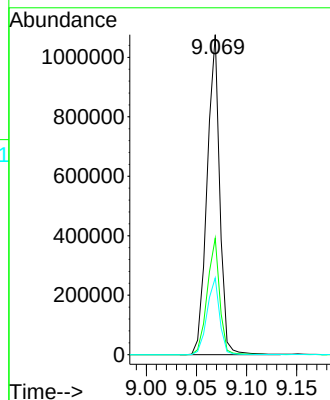
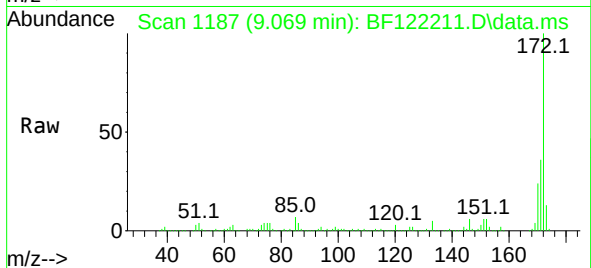




#45
2-Fluorobiphenyl
Concen: 99.08 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122211.D
Acq: 31 Oct 2020 9:39

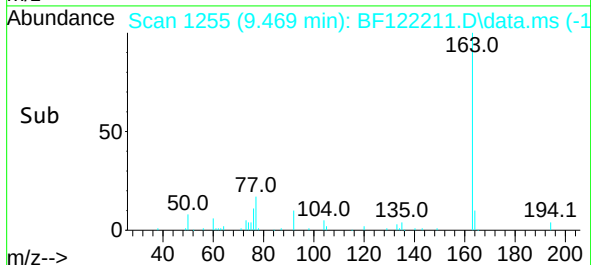
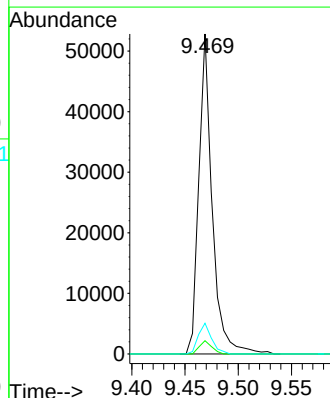
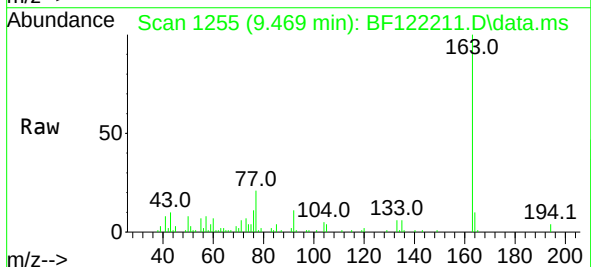
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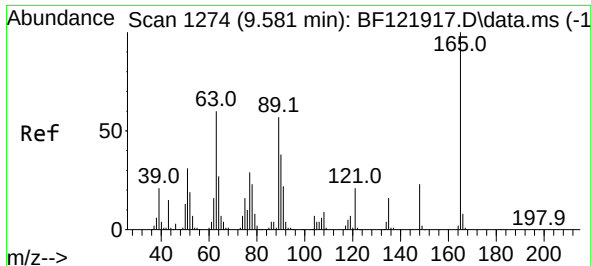
Tgt Ion:172 Resp: 948514
Ion Ratio Lower Upper
172 100
171 36.4 29.1 43.7
170 24.0 19.8 29.6



#50
Dimethylphthalate
Concen: 4.50 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122211.D
Acq: 31 Oct 2020 9:39

Tgt Ion:163 Resp: 46326
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.6 8.2 12.4

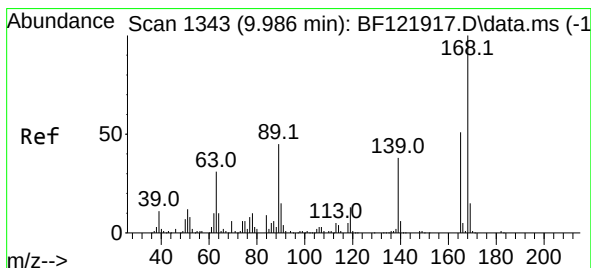
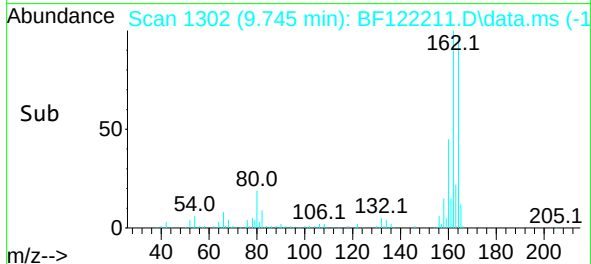
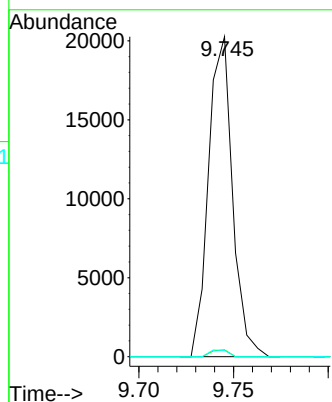
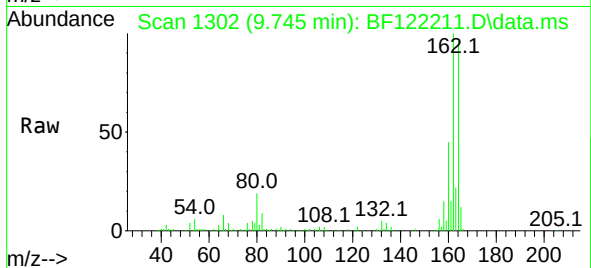




#51
2,6-Dinitrotoluene
Concen: 7.90 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122211.D
Acq: 31 Oct 2020 9:39

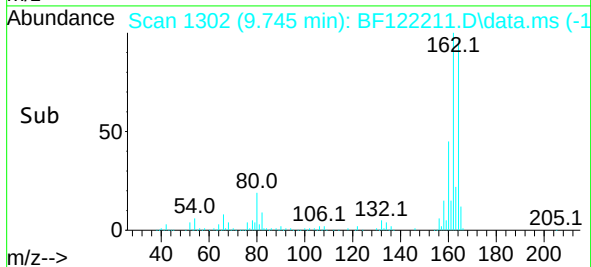
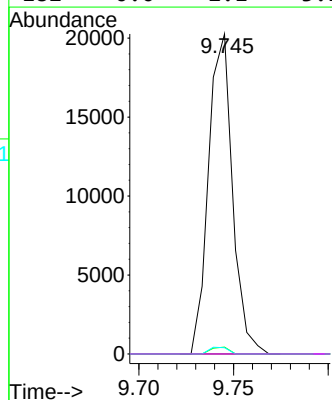
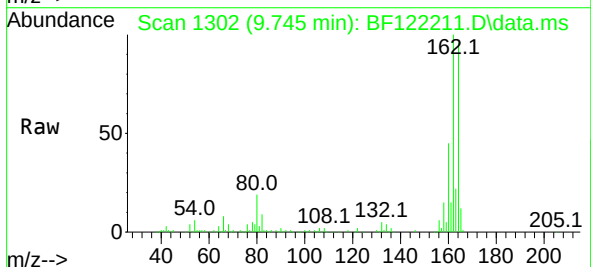
Instrument :
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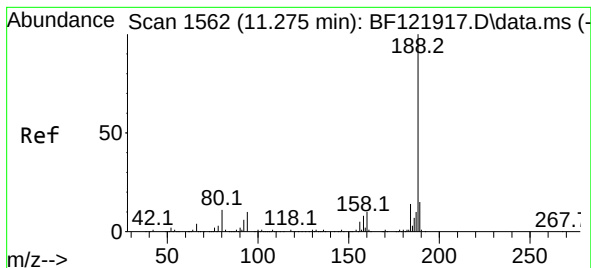
Tgt Ion:165 Resp: 17840
Ion Ratio Lower Upper
165 100
63 2.1 51.8 77.6#
89 2.0 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.41 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122211.D
Acq: 31 Oct 2020 9:39

Tgt Ion:165 Resp: 17840
Ion Ratio Lower Upper
165 100
63 2.1 41.3 61.9#
89 2.0 61.8 92.8#
182 0.0 2.1 3.1#

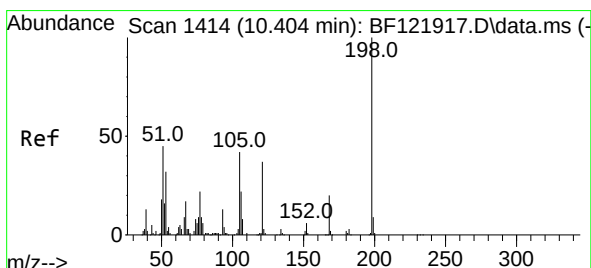
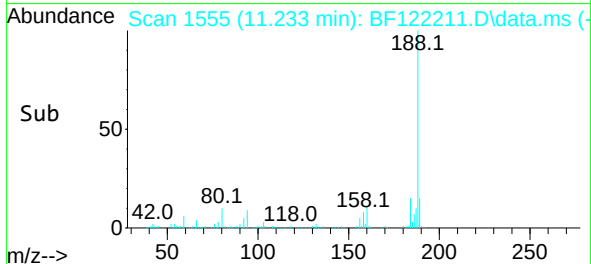
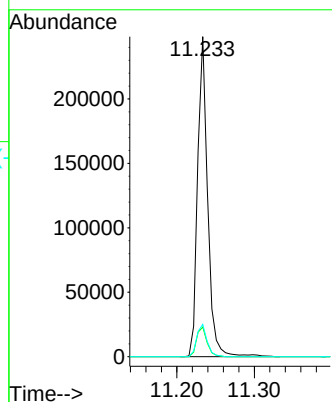
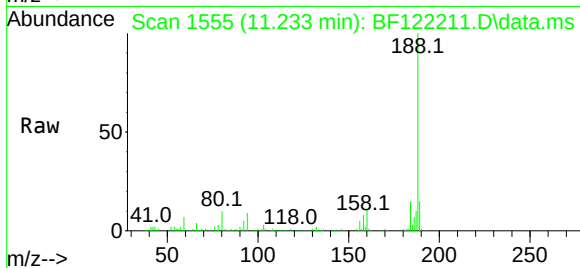




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122211.D
Acq: 31 Oct 2020 9:39

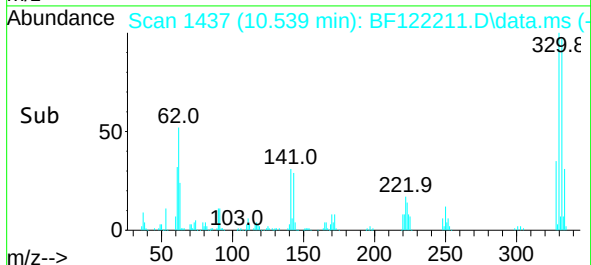
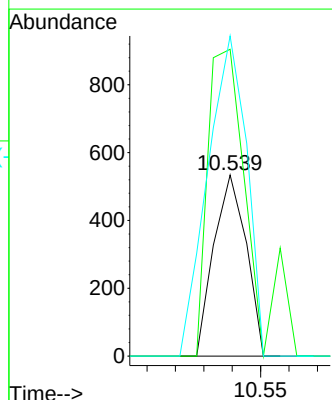
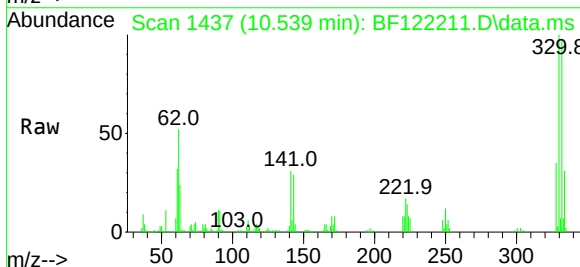
Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH

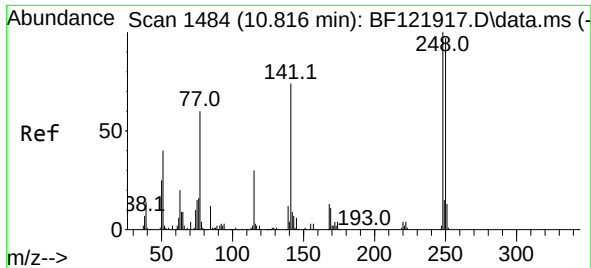
Tgt Ion:188 Resp: 223969
Ion Ratio Lower Upper
188 100
94 9.2 8.3 12.5
80 10.1 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.69 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122211.D
Acq: 31 Oct 2020 9:39

Tgt Ion:198 Resp: 421
Ion Ratio Lower Upper
198 100
51 169.5 29.6 69.6#
105 176.8 24.4 64.4#

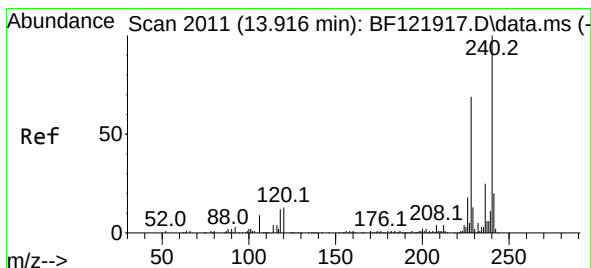
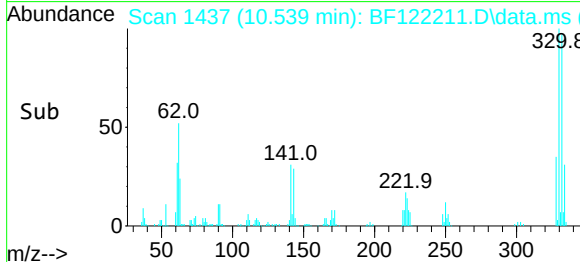
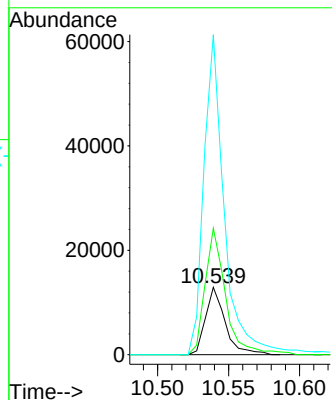
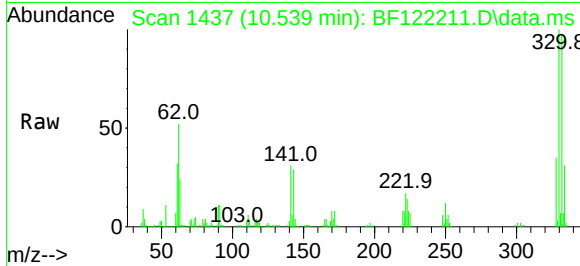




#67
4-Bromophenyl-phenylether
Concen: 4.81 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122211.D
Acq: 31 Oct 2020 9:39

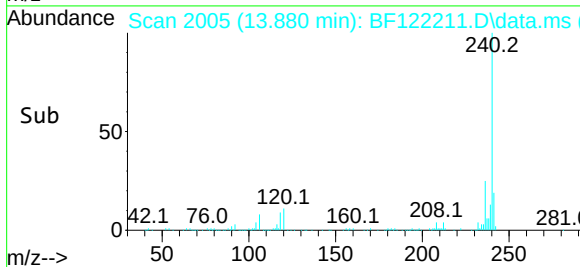
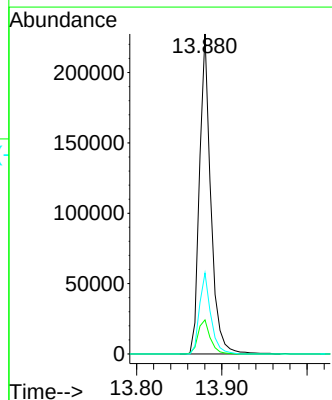
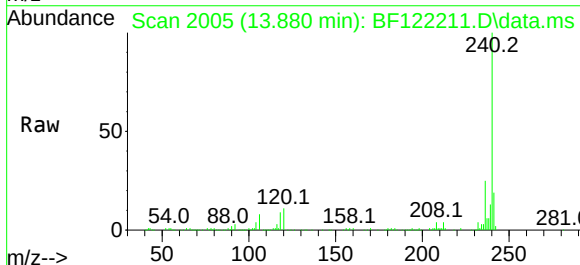
Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH

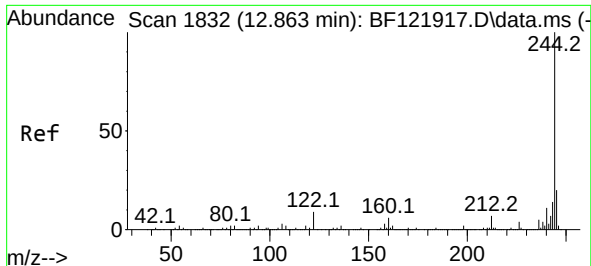
Tgt Ion:248 Resp: 12437
Ion Ratio Lower Upper
248 100
250 187.7 77.0 115.6#
141 475.2 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122211.D
Acq: 31 Oct 2020 9:39

Tgt Ion:240 Resp: 208829
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 25.3 20.9 31.3

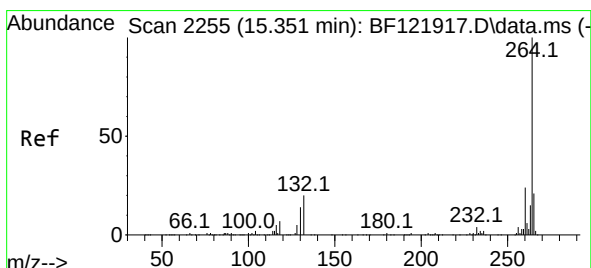
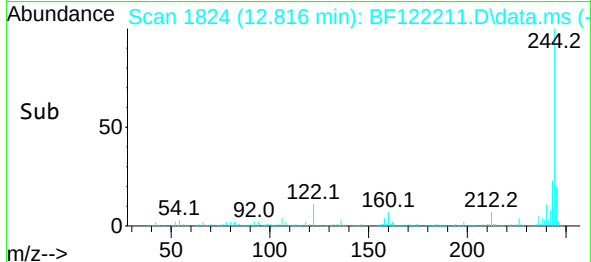
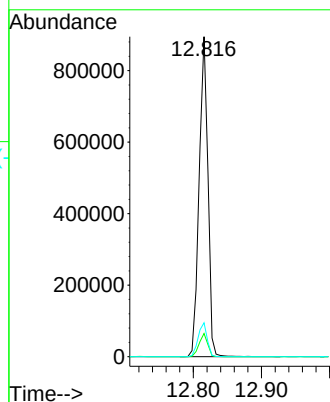
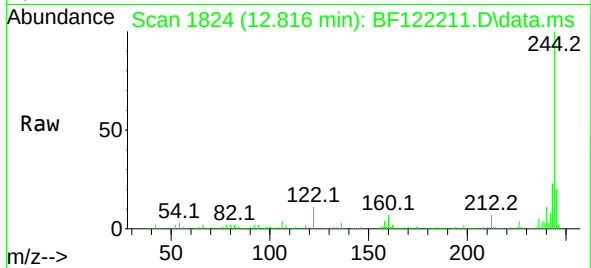




#79
 Terphenyl-d14
 Concen: 73.15 ng
 RT: 12.816 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BF122211.D
 Acq: 31 Oct 2020 9:39

Instrument :
 BNA_F
 ClientSampleId :
 CHASSIS-WASH

Tgt Ion:244 Resp: 801534
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.6 8.1 12.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.315 min Scan# 2249
 Delta R.T. 0.012 min
 Lab File: BF122211.D
 Acq: 31 Oct 2020 9:39

Tgt Ion:264 Resp: 198472
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 21.7 17.3 25.9

