

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102920\
 Data File : BF122168.D
 Acq On : 29 Oct 2020 17:13
 Operator : JU/CG
 Sample : L4539-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JCG-SOIL

Quant Time: Oct 29 17:46:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 26 17:27:32 2020
 Response via : Initial Calibration

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

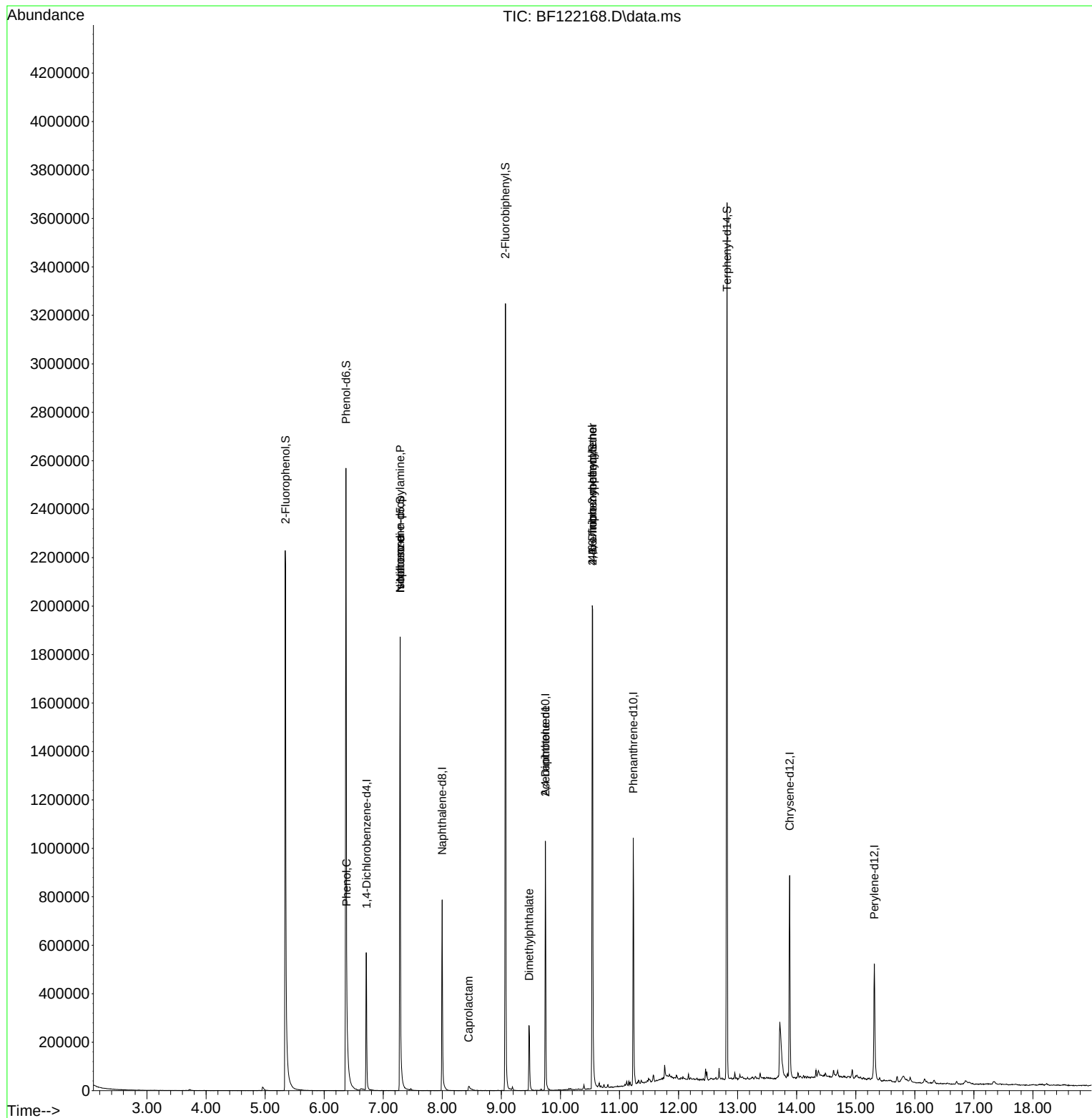
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	94049	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	380884	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	196219	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	376908	20.00	ng	0.00
76) Chrysene-d12	13.880	240	292773	20.00	ng	0.00
86) Perylene-d12	15.315	264	240372	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	788955	123.81	ng	0.01
7) Phenol-d6	6.369	99	994698	121.26	ng	0.00
23) Nitrobenzene-d5	7.287	82	641569	86.39	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	304834	125.59	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1044860	78.35	ng	0.00
79) Terphenyl-d14	12.821	244	1119112	72.85	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.369	77	1659	Below Cal	#	3
10) Phenol	6.381	94	40998	4.84	ng	91
19) n-Nitroso-di-n-propyla...	7.287	70	86842	18.59	ng	# 78
25) Isophorone	7.287	82	641564	45.69	ng	# 67
35) Caprolactam	8.445	113	4362	2.35	ng	# 68
50) Dimethylphthalate	9.469	163	123939	8.64	ng	98
57) 2,4-Dinitrotoluene	9.745	165	24501	6.32	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.539	198	600	4.65	ng	# 1
67) 4-Bromophenyl-phenylether	10.545	248	18159	4.17	ng	# 1

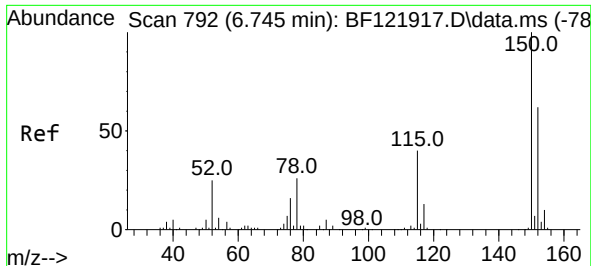
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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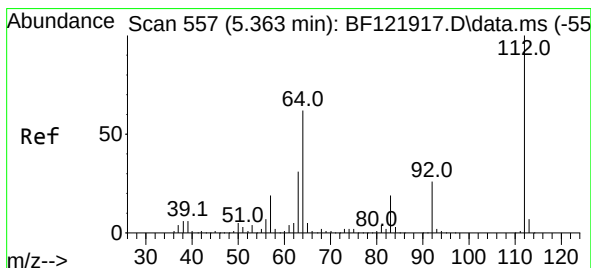
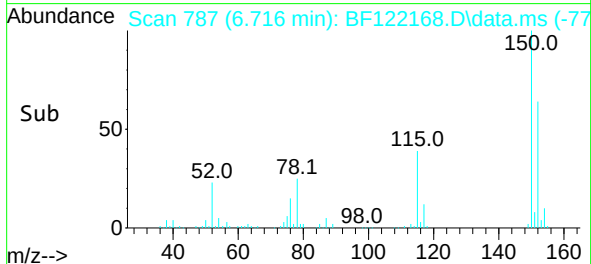
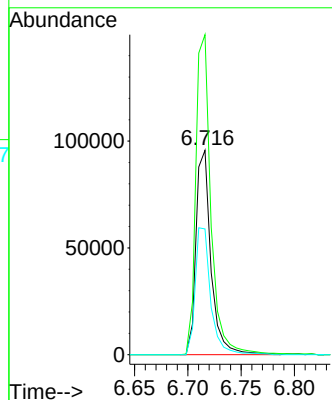
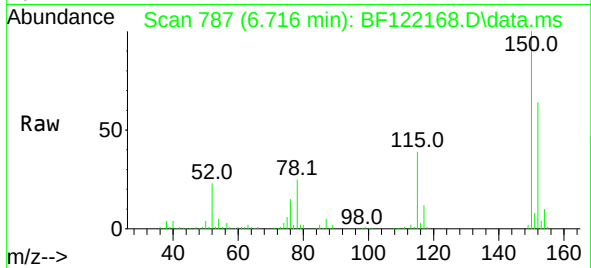




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.716 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF122168.D
Acq: 29 Oct 2020 17:13

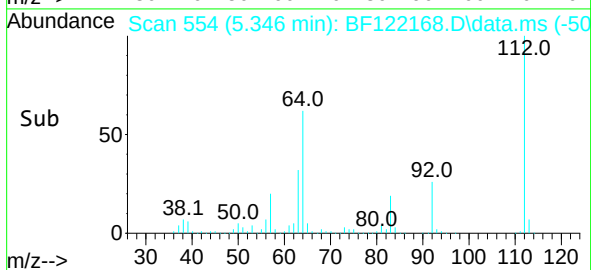
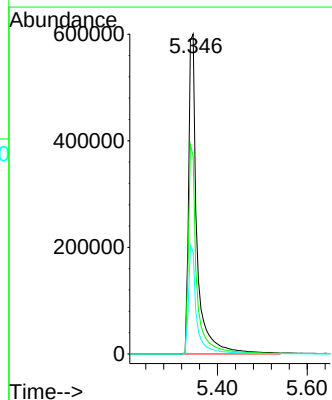
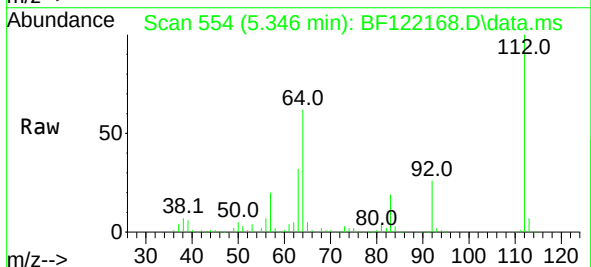
Instrument :
BNA_F
ClientSampleId :
JCG-SOIL

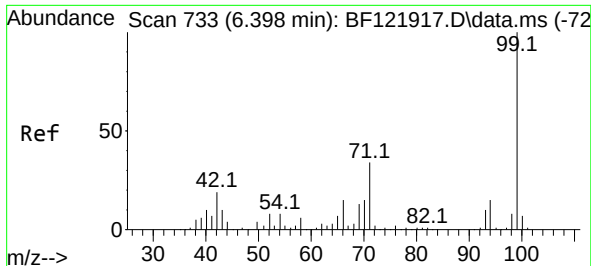
Tgt Ion:152 Resp: 94049
Ion Ratio Lower Upper
152 100
150 156.5 125.3 187.9
115 61.5 51.9 77.9



#5
2-Fluorophenol
Concen: 123.81 ng
RT: 5.346 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF122168.D
Acq: 29 Oct 2020 17:13

Tgt Ion:112 Resp: 788955
Ion Ratio Lower Upper
112 100
64 61.7 50.4 75.6
63 31.8 25.8 38.6

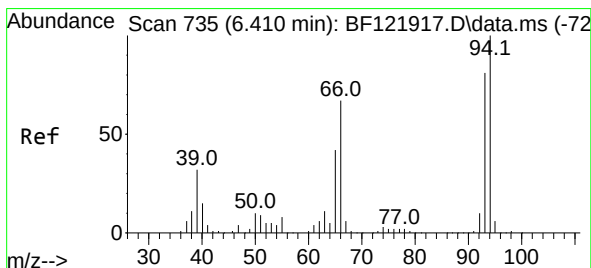
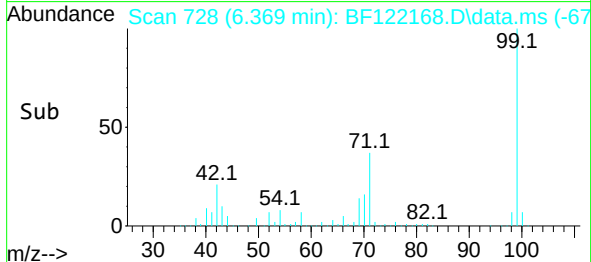
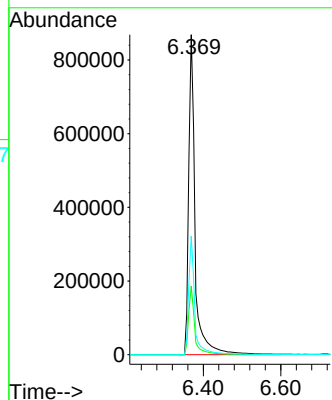
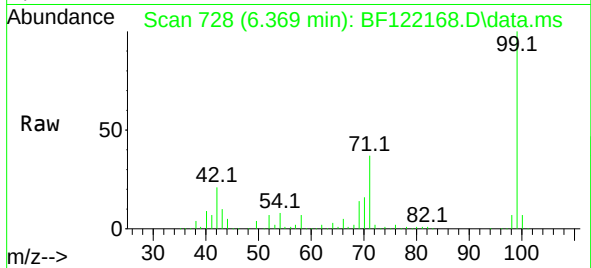




#7
Phenol-d6
Concen: 121.26 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122168.D
Acq: 29 Oct 2020 17:13

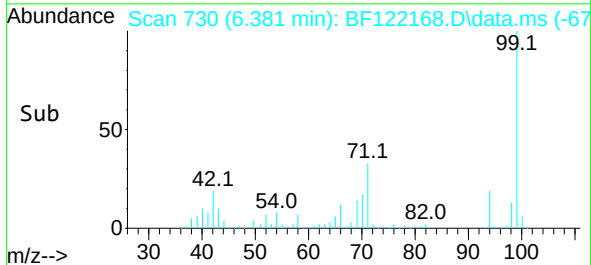
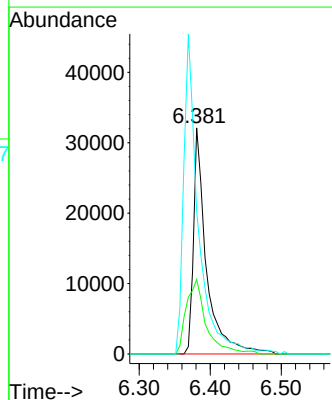
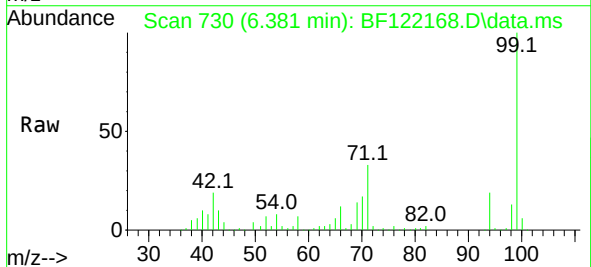
Instrument :
BNA_F
ClientSampled :
JCG-SOIL

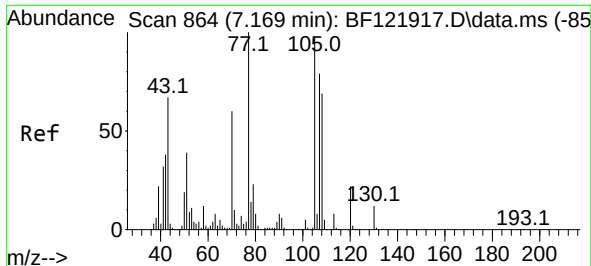
Tgt Ion: 99 Resp: 994698
Ion Ratio Lower Upper
99 100
42 21.5 15.9 23.9
71 37.0 27.1 40.7



#10
Phenol
Concen: 4.84 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122168.D
Acq: 29 Oct 2020 17:13

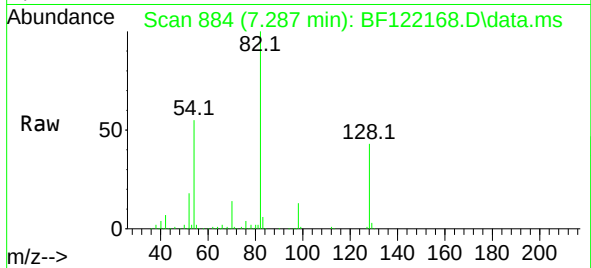
Tgt Ion: 94 Resp: 40998
Ion Ratio Lower Upper
94 100
65 33.0 17.1 57.1
66 63.1 36.0 76.0



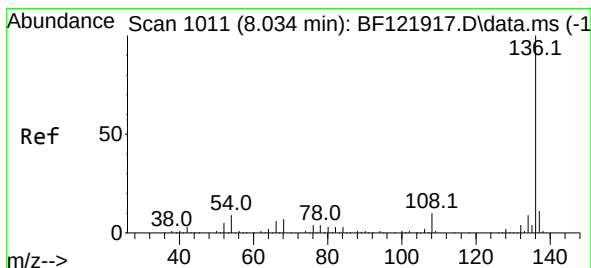
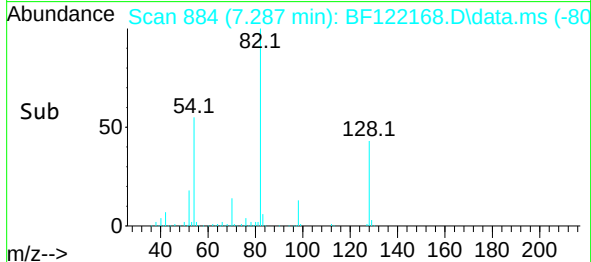
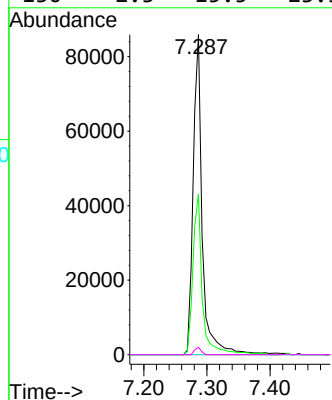


#19
n-Nitroso-di-n-propylamine
Concen: 18.59 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.147 min
Lab File: BF122168.D
Acq: 29 Oct 2020 17:13

Instrument :
BNA_F
ClientSampleId :
JCG-SOIL

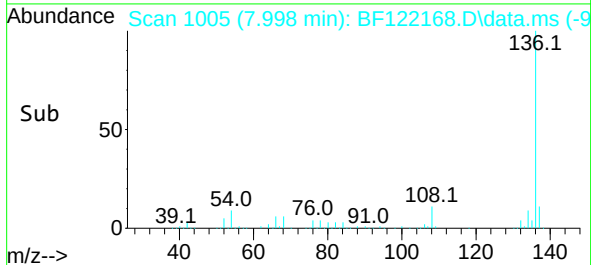
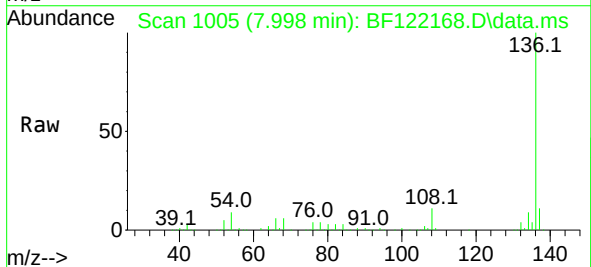
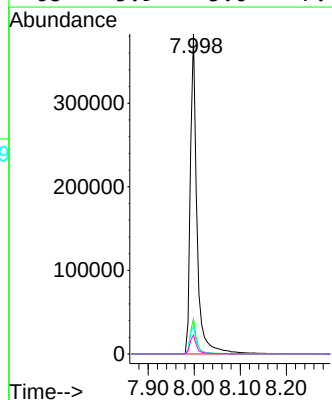


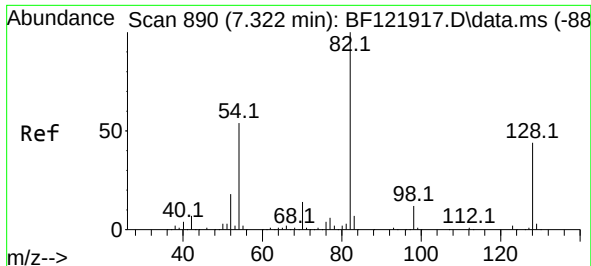
Tgt Ion: 70 Resp: 86842
Ion Ratio Lower Upper
70 100
42 50.2 50.2 75.4#
101 0.0 7.5 11.3#
130 2.3 15.5 23.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF122168.D
Acq: 29 Oct 2020 17:13

Tgt Ion: 136 Resp: 380884
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.6 7.1 10.7
68 5.9 5.0 7.4

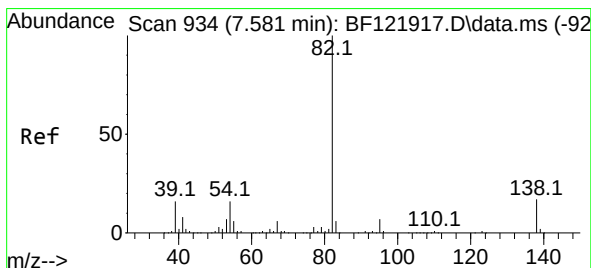
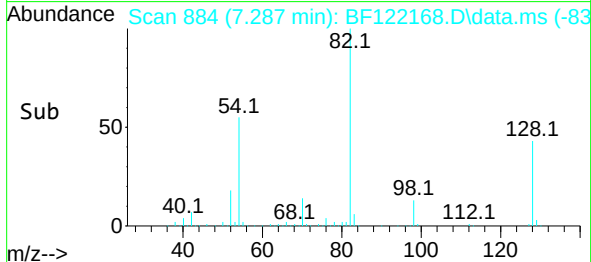
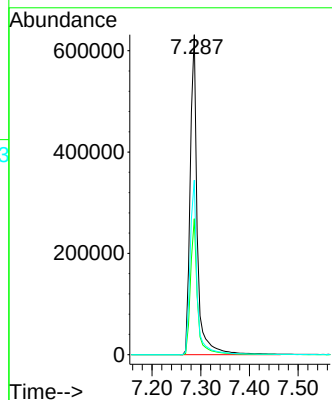
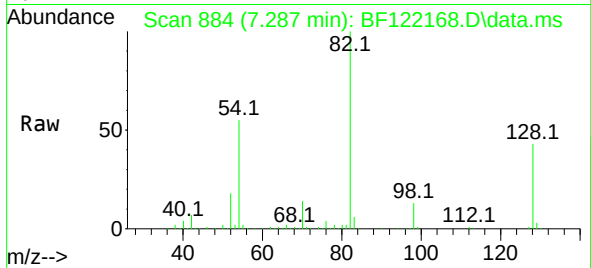




#23
Nitrobenzene-d5
Concen: 86.39 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF122168.D
Acq: 29 Oct 2020 17:13

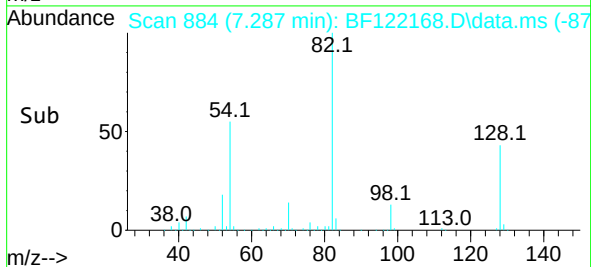
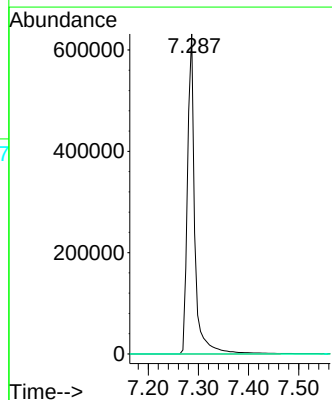
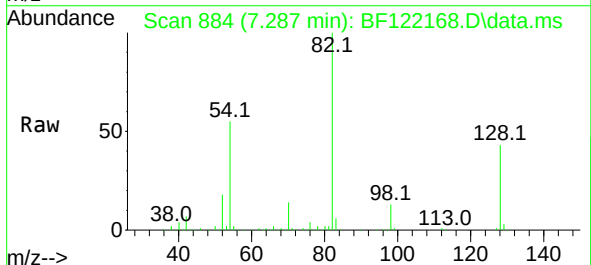
Instrument :
BNA_F
ClientSampleId :
JCG-SOIL

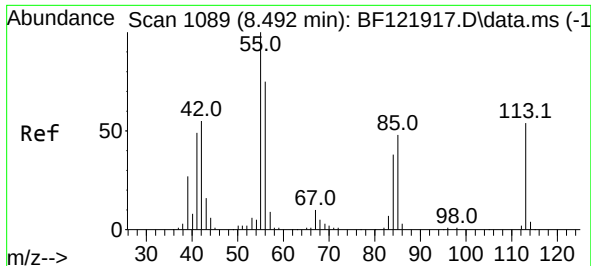
Tgt Ion: 82 Resp: 641569
Ion Ratio Lower Upper
82 100
128 42.5 35.0 52.4
54 54.6 43.9 65.9



#25
Isophorone
Concen: 45.69 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.259 min
Lab File: BF122168.D
Acq: 29 Oct 2020 17:13

Tgt Ion: 82 Resp: 641564
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#

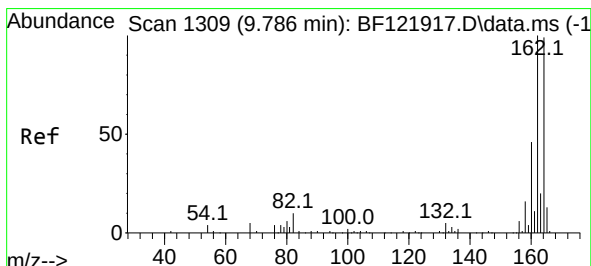
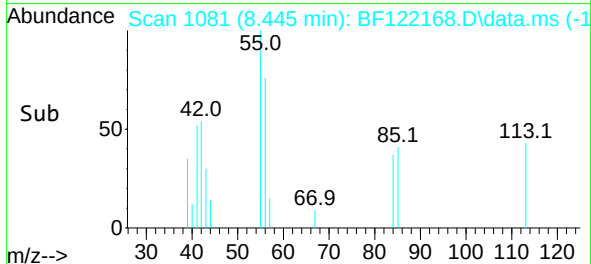
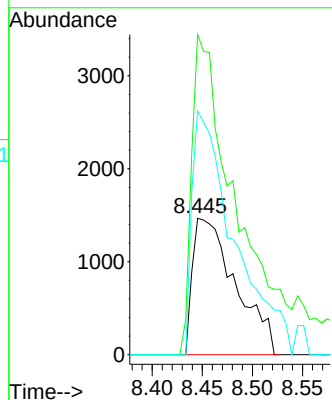
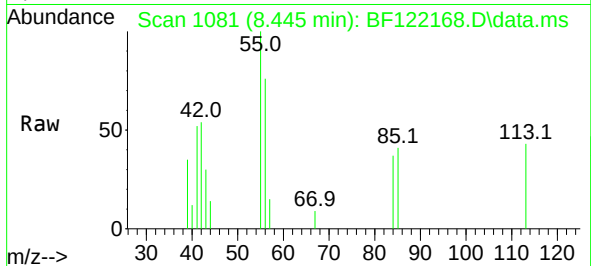




#35
Caprolactam
Concen: 2.35 ng
RT: 8.445 min Scan# 1081
Delta R.T. -0.018 min
Lab File: BF122168.D
Acq: 29 Oct 2020 17:13

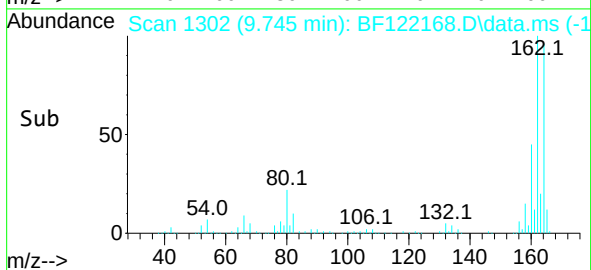
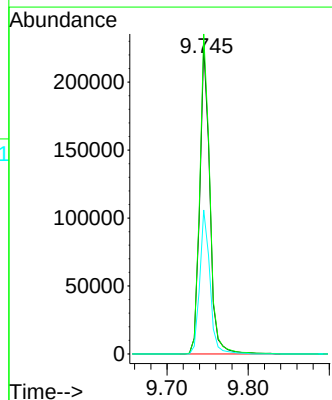
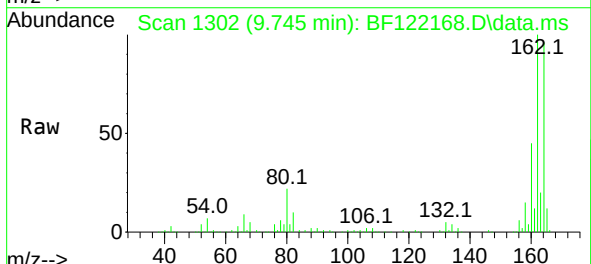
Instrument :
BNA_F
ClientSampled :
JCG-SOIL

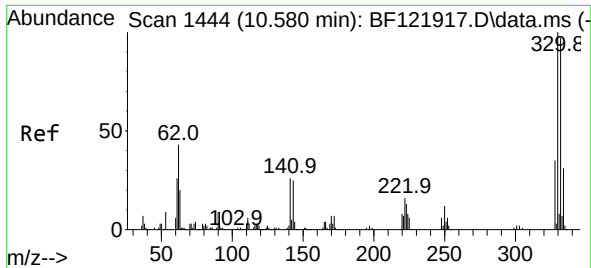
Tgt Ion:113 Resp: 4362
Ion Ratio Lower Upper
113 100
55 234.7 167.5 207.5#
56 178.7 121.2 161.2#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122168.D
Acq: 29 Oct 2020 17:13

Tgt Ion:164 Resp: 196219
Ion Ratio Lower Upper
164 100
162 103.8 83.2 124.8
160 46.7 37.5 56.3

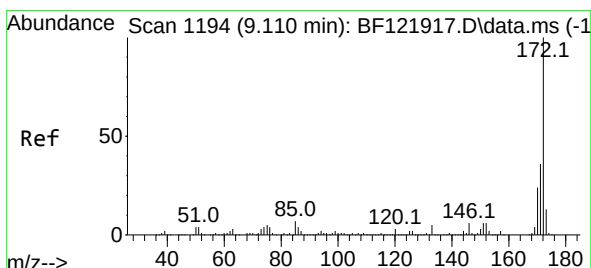
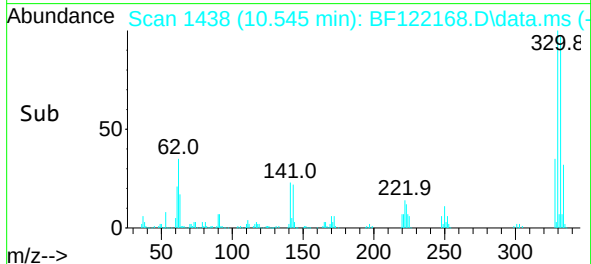
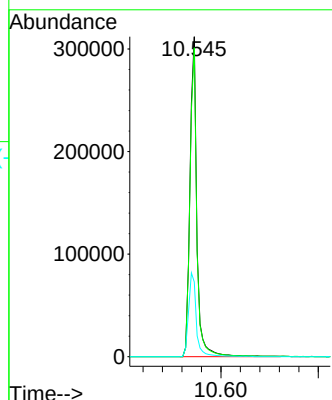
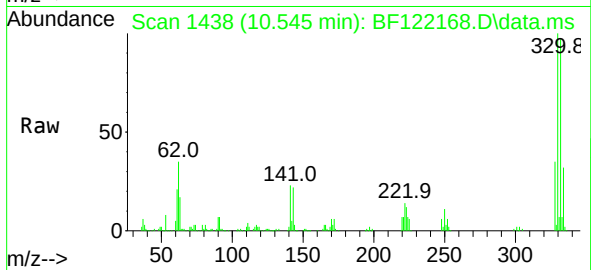




#42
2,4,6-Tribromophenol
Concen: 125.59 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122168.D
Acq: 29 Oct 2020 17:13

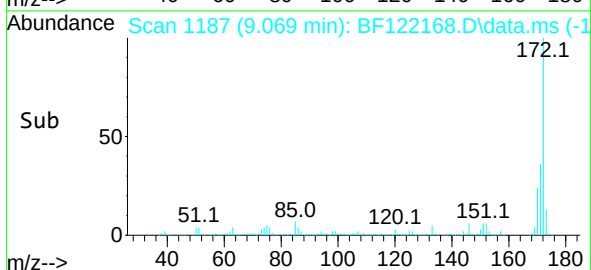
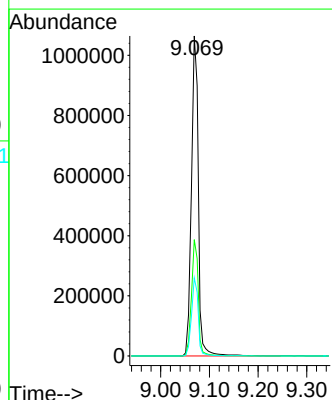
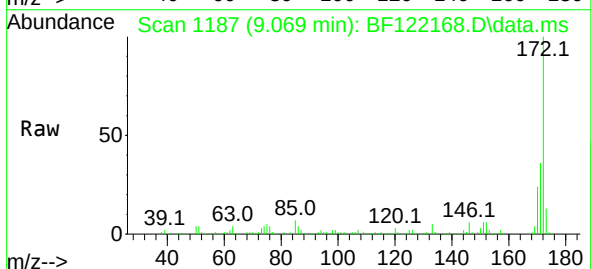
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JCG-SOIL

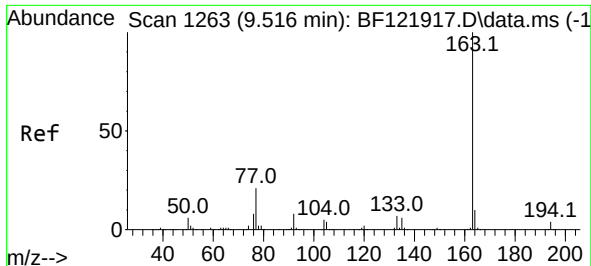
Tgt Ion: 330 Resp: 304834
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 29.5 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 78.35 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122168.D
Acq: 29 Oct 2020 17:13

Tgt Ion: 172 Resp: 1044860
Ion Ratio Lower Upper
172 100
171 36.3 29.1 43.7
170 24.4 19.8 29.6

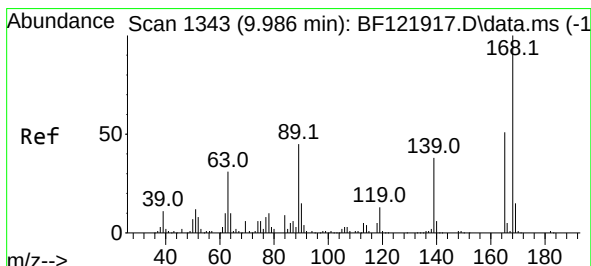
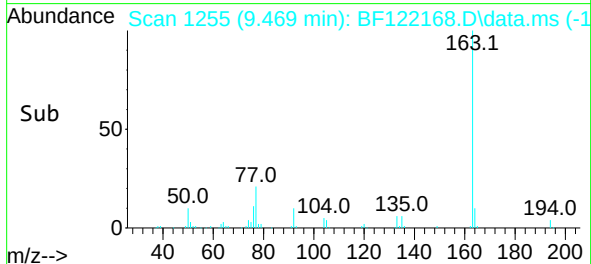
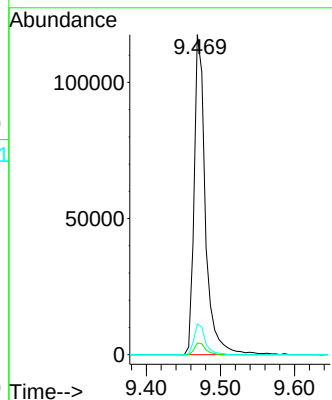
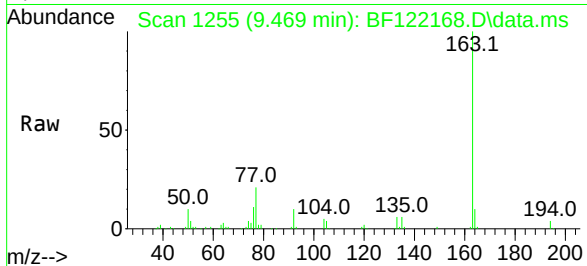




#50
Dimethylphthalate
Concen: 8.64 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122168.D
Acq: 29 Oct 2020 17:13

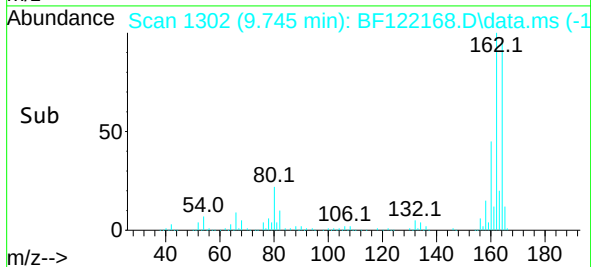
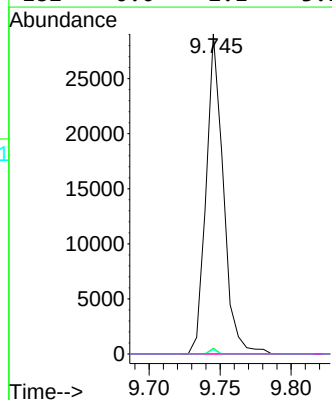
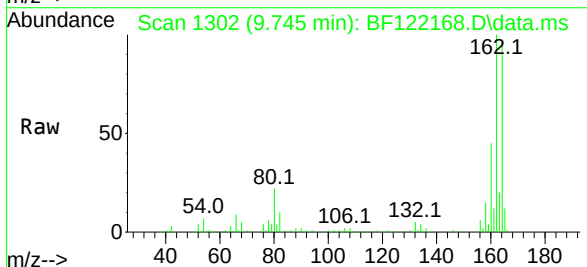
Instrument :
BNA_F
ClientSampleId :
JCG-SOIL

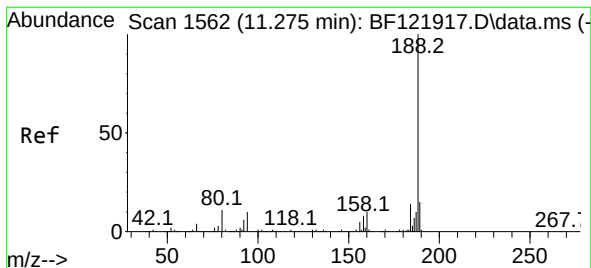
Tgt Ion:163 Resp: 123939
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 9.6 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.32 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122168.D
Acq: 29 Oct 2020 17:13

Tgt Ion:165 Resp: 24501
Ion Ratio Lower Upper
165 100
63 1.8 41.3 61.9#
89 1.3 61.8 92.8#
182 0.0 2.1 3.1#

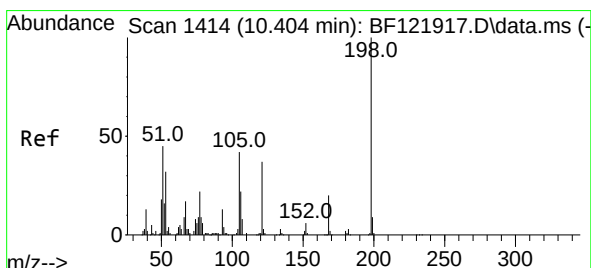
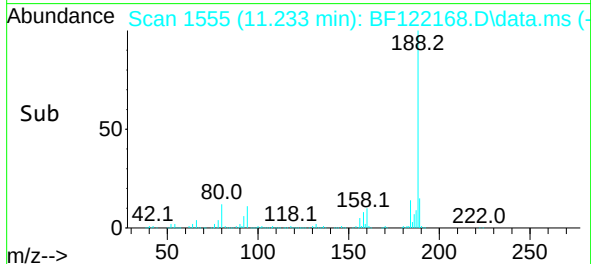
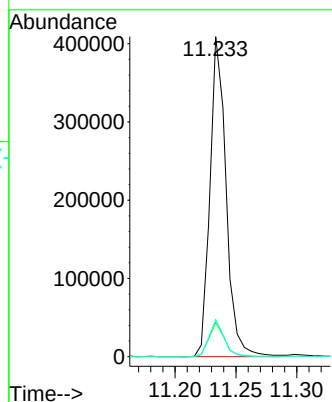
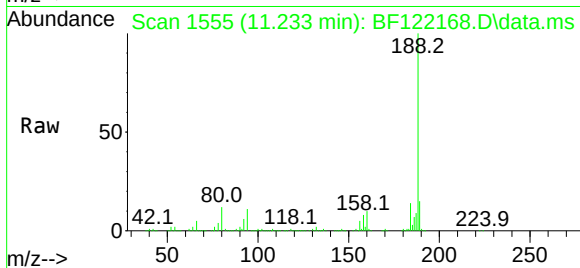




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122168.D
Acq: 29 Oct 2020 17:13

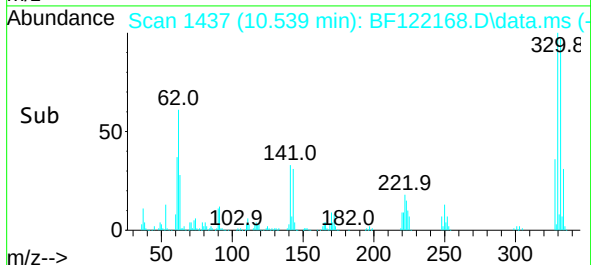
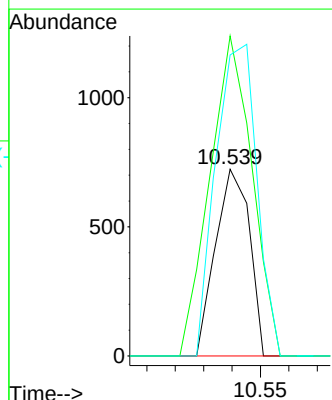
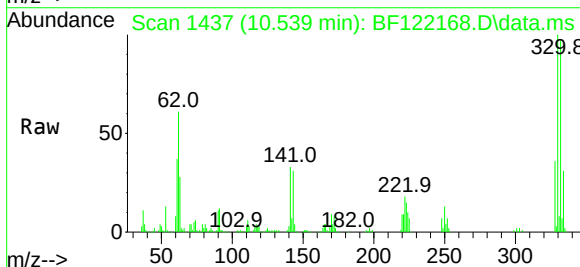
Instrument :
BNA_F
ClientSampleId :
JCG-SOIL

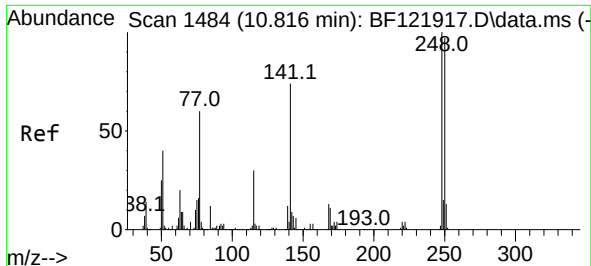
Tgt Ion:188 Resp: 376908
Ion Ratio Lower Upper
188 100
94 10.6 8.3 12.5
80 11.6 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.65 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122168.D
Acq: 29 Oct 2020 17:13

Tgt Ion:198 Resp: 600
Ion Ratio Lower Upper
198 100
51 171.4 29.6 69.6#
105 161.1 24.4 64.4#

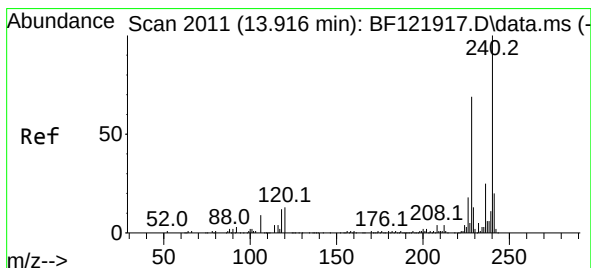
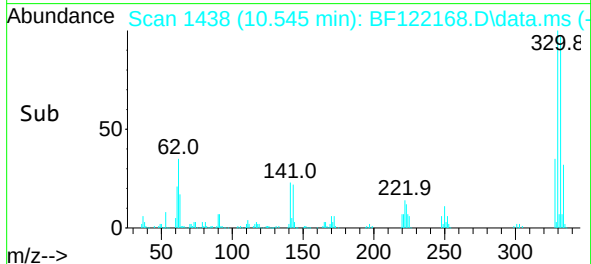
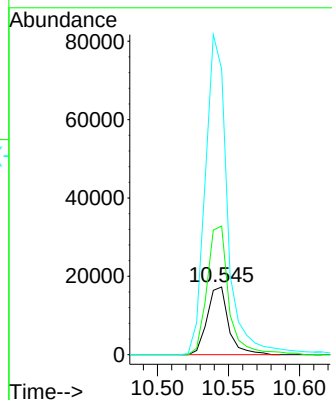
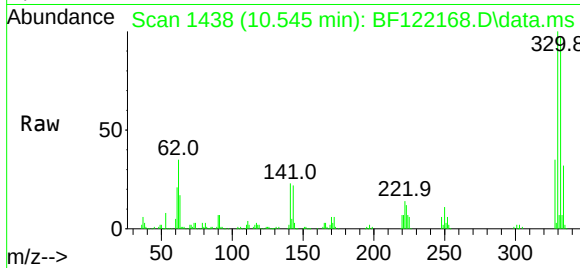




#67
4-Bromophenyl-phenylether
Concen: 4.17 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.229 min
Lab File: BF122168.D
Acq: 29 Oct 2020 17:13

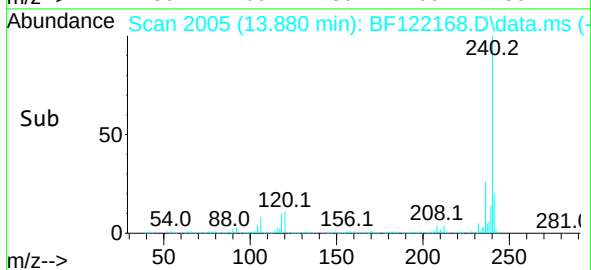
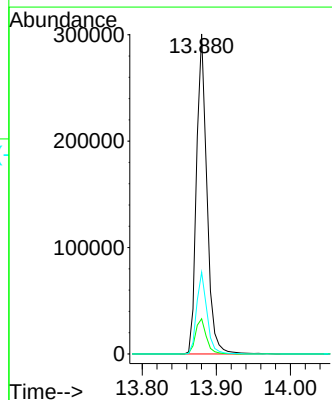
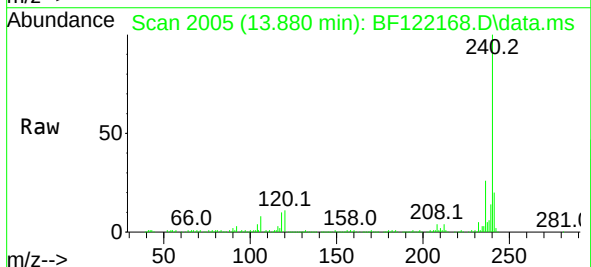
Instrument :
BNA_F
ClientSampled :
JCG-SOIL

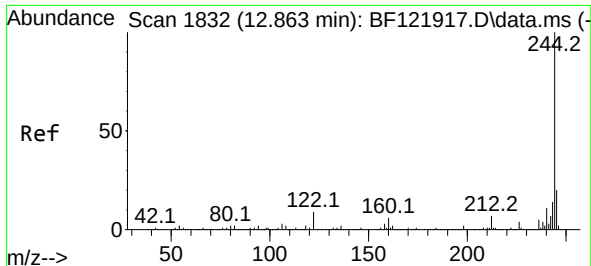
Tgt Ion:248 Resp: 18159
Ion Ratio Lower Upper
248 100
250 190.2 77.0 115.6#
141 422.2 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122168.D
Acq: 29 Oct 2020 17:13

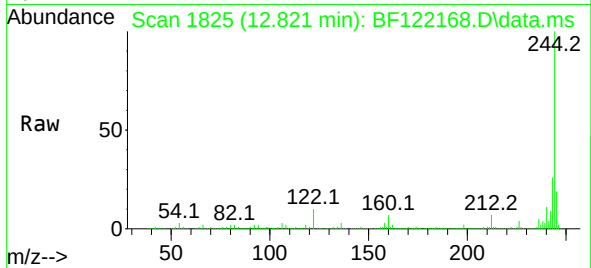
Tgt Ion:240 Resp: 292773
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 25.5 20.9 31.3



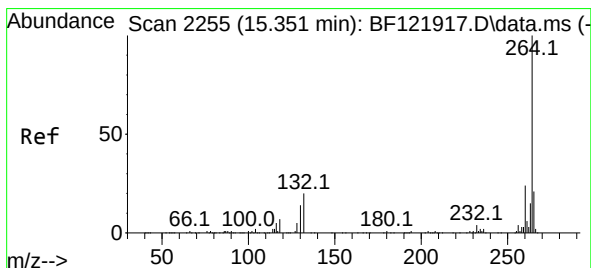
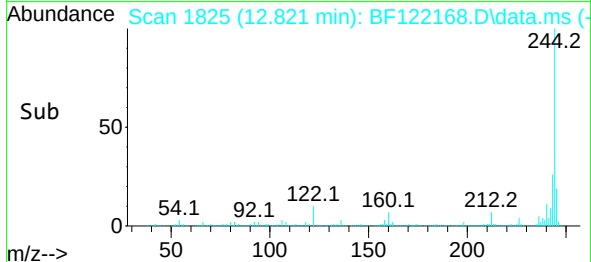
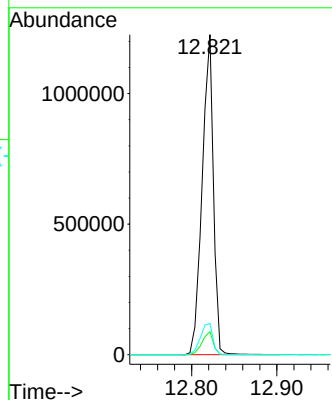


#79
 Terphenyl-d14
 Concen: 72.85 ng
 RT: 12.821 min Scan# 1825
 Delta R.T. 0.006 min
 Lab File: BF122168.D
 Acq: 29 Oct 2020 17:13

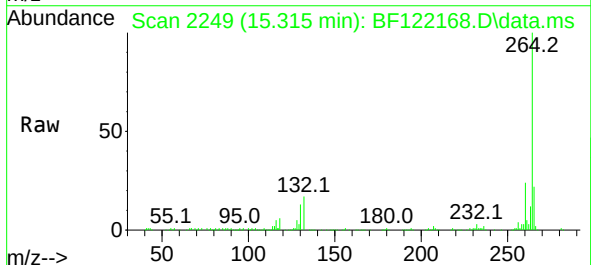
Instrument :
 BNA_F
 ClientSampleId :
 JCG-SOIL



Tgt Ion:244 Resp: 1119112
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 9.8 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: BF122168.D
 Acq: 29 Oct 2020 17:13



Tgt Ion:264 Resp: 240372
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.6 17.3 25.9

