

Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
 Data File : BF102718.D
 Acq On : 3 Feb 2018 15:48
 Operator : SJ/JU
 Sample : J1413-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-1

Quant Time: Feb 05 03:43:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

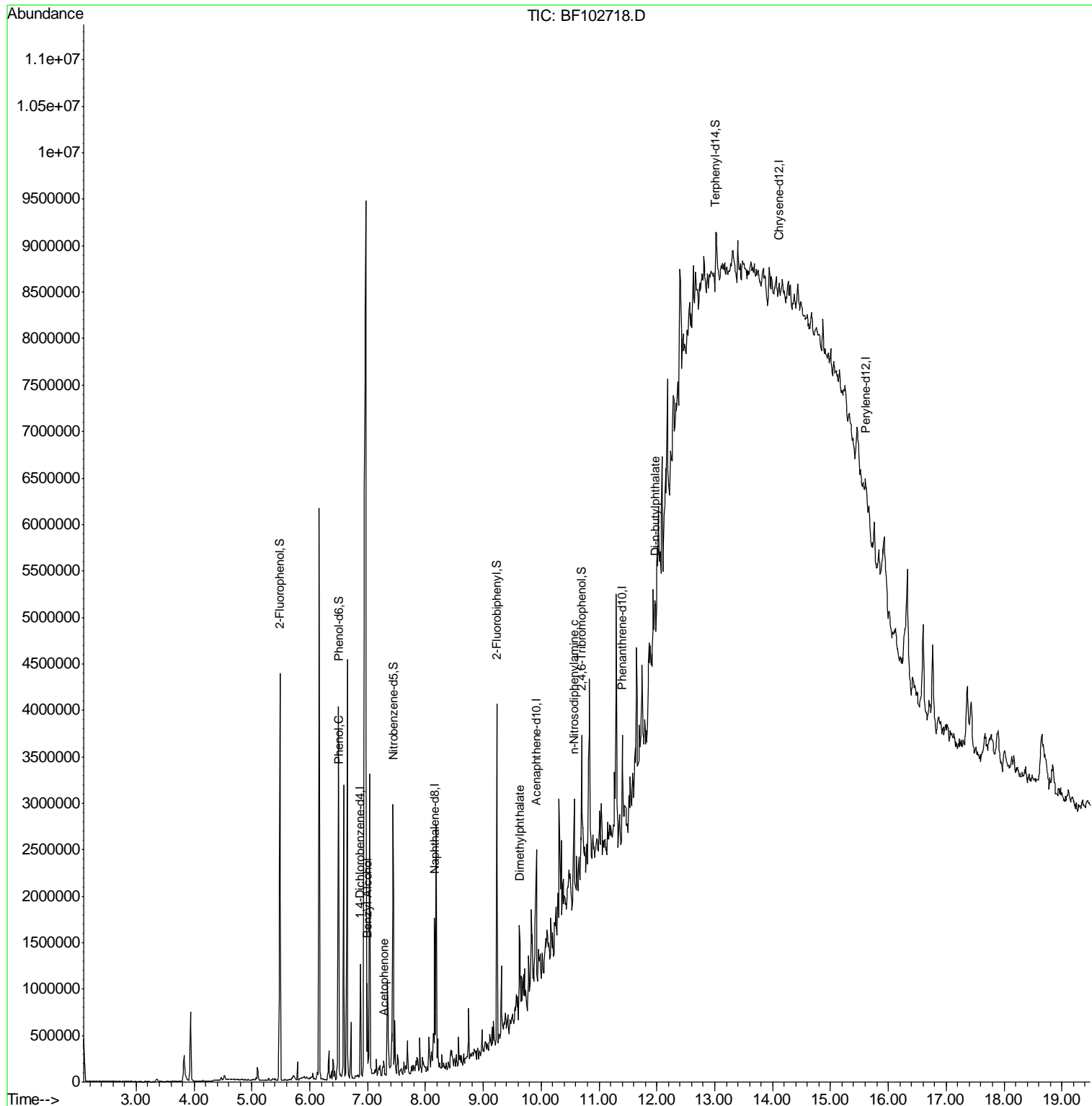
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	175282	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	670221	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	237934	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	359624	20.00	ng	0.00
75) Chrysene-d12	14.10	240	72298	20.00	ng	0.06
86) Perylene-d12	15.60	264	162419	20.00	ng	0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1299184	112.56	ng	0.00
7) Phenol-d6	6.50	99	1499497	107.90	ng	0.00
23) Nitrobenzene-d5	7.44	82	826123	85.51	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	221314	115.56	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1046408	72.98	ng	0.00
78) Terphenyl-d14	13.01	244	341309	111.78	ng	0.02
Target Compounds						
10) Phenol	6.51	94	90093	6.049	ng	98
15) Benzyl Alcohol	6.99	79	35613	3.333	ng	# 54
22) Acetophenone	7.28	105	41514	2.531	ng	# 96
49) Dimethylphthalate	9.62	163	94991	5.120	ng	# 90
65) n-Nitrosodiphenylamine	10.57	169	31544	2.487	ng	87
73) Di-n-butylphthalate	11.96	149	59408	2.451	ng	# 87

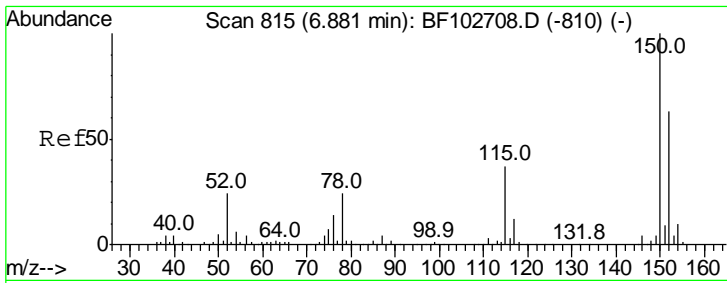
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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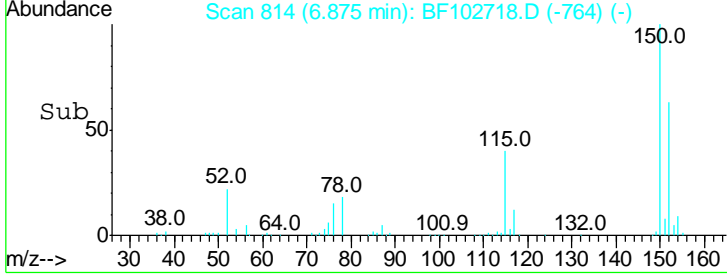
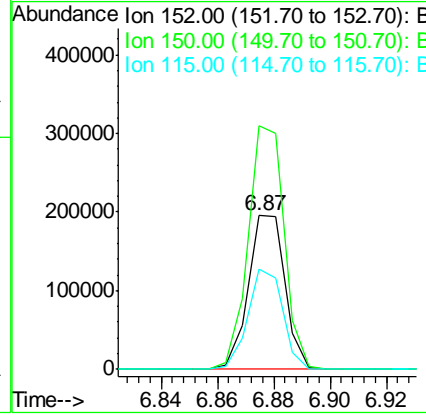
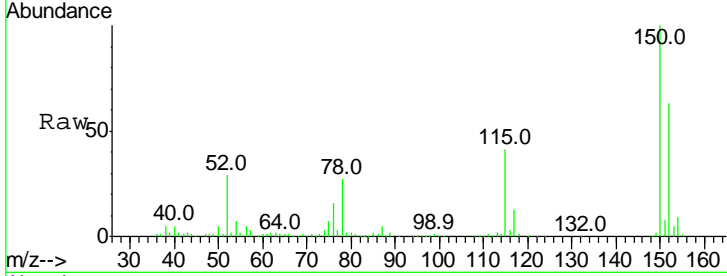




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF102718.D
 Acq: 3 Feb 2018 15:48

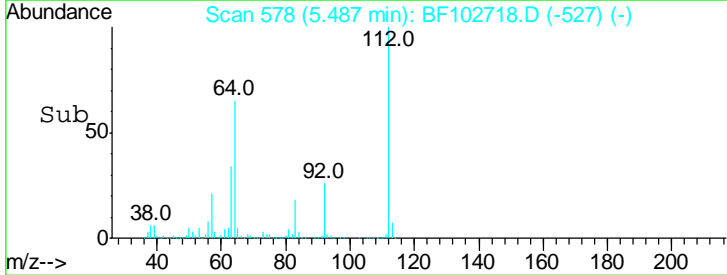
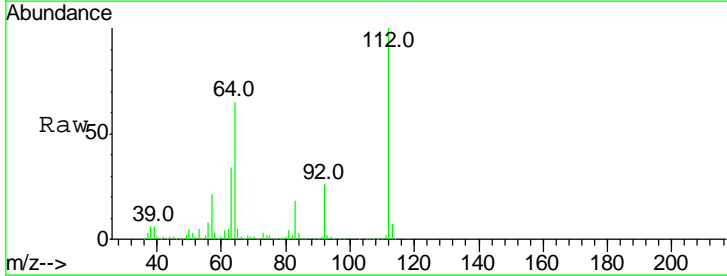
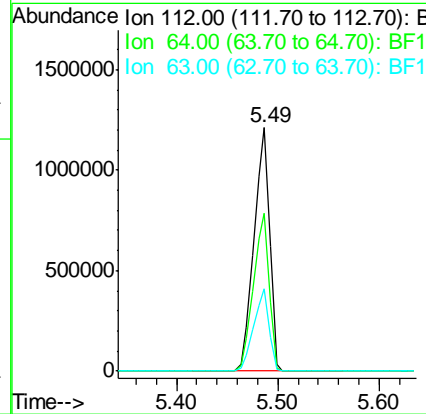
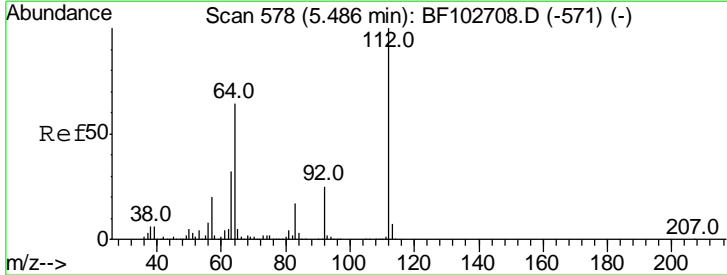
Instrument :
 BNA_F
ClientSampled :
 SOIL-1

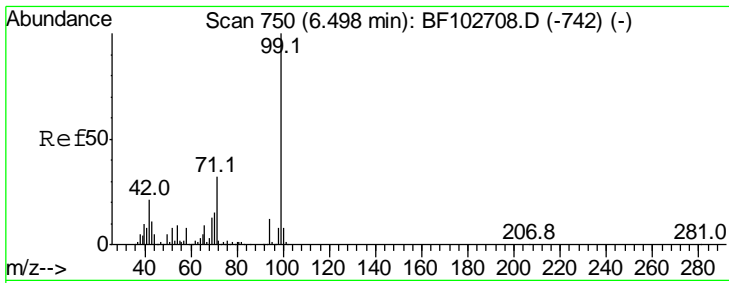
Tgt Ion	Resp	Lower	Upper
152	175282		
152	100		
150	158.6	124.6	186.8
115	65.1	50.1	75.1



#5
 2-Fluorophenol
 Concen: 112.563 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: BF102718.D
 Acq: 3 Feb 2018 15:48

Tgt Ion	Resp	Lower	Upper
112	1299184		
112	100		
64	64.7	47.9	71.9
63	33.6	23.7	35.5

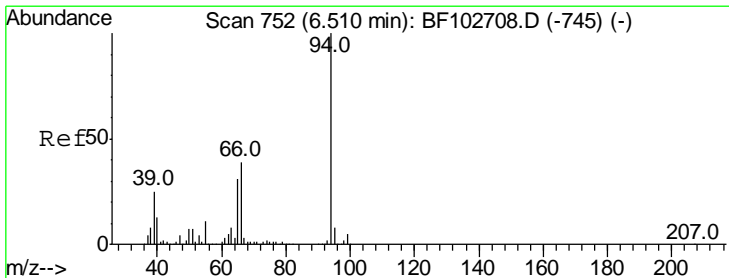
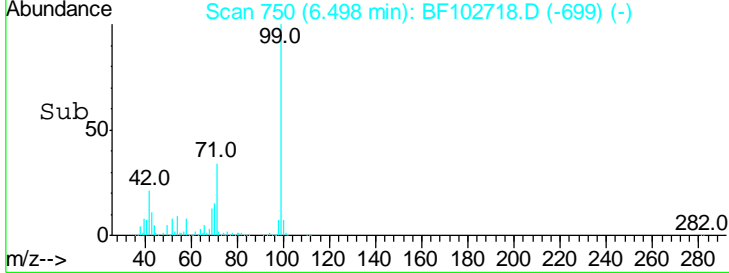
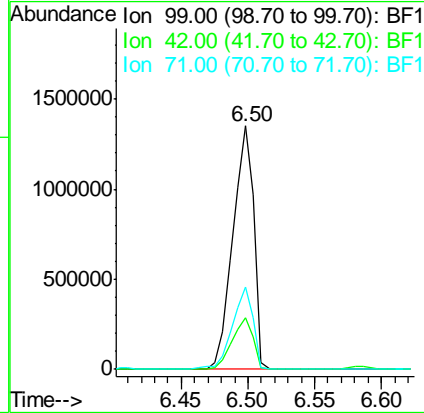
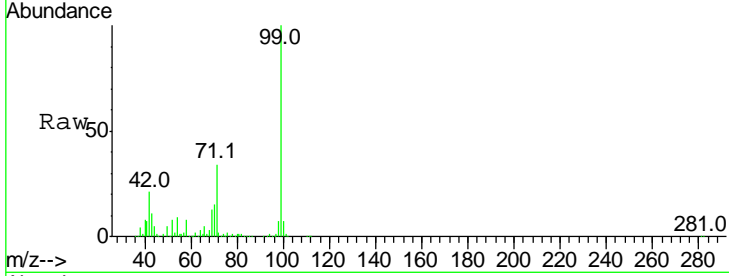




#7
 Phenol-d6
 Concen: 107.900 ng
 RT: 6.50 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF102718.D
 Acq: 3 Feb 2018 15:48

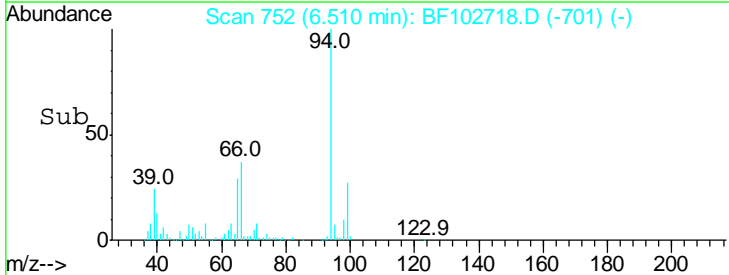
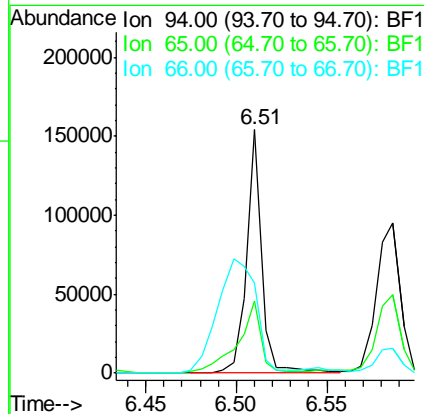
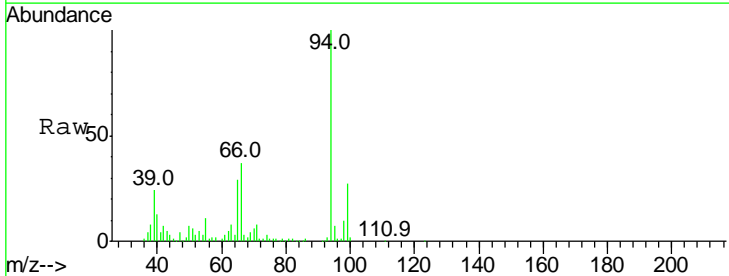
Instrument :
 BNA_F
 ClientSampled :
 SOIL-1

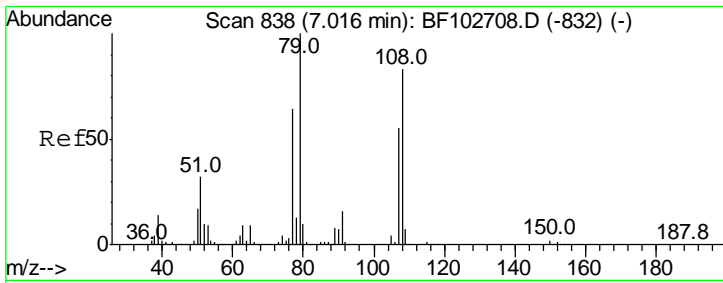
Tgt Ion	Resp	Lower	Upper
99	1499497		
99	100		
42	21.2	14.5	21.7
71	33.9	25.4	38.0



#10
 Phenol
 Concen: 6.049 ng
 RT: 6.51 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF102718.D
 Acq: 3 Feb 2018 15:48

Tgt Ion	Resp	Lower	Upper
94	90093		
94	100		
65	29.5	7.9	47.9
66	36.9	16.2	56.2

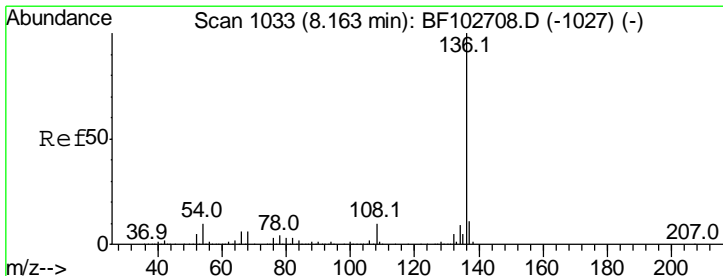
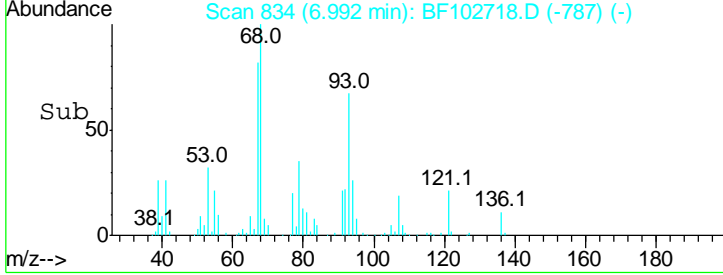
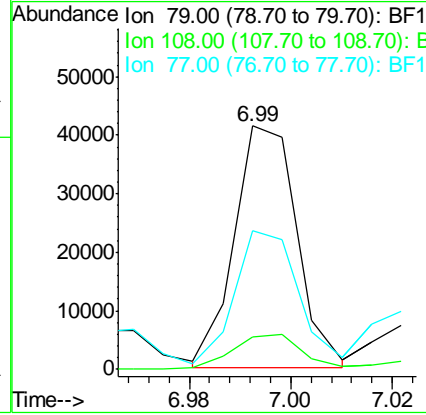
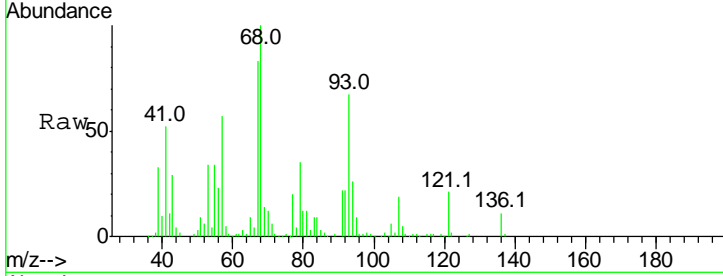




#15
Benzyl Alcohol
Concen: 3.333 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF102718.D
Acq: 3 Feb 2018 15:48

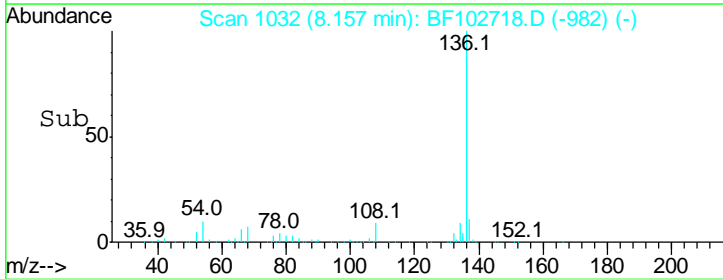
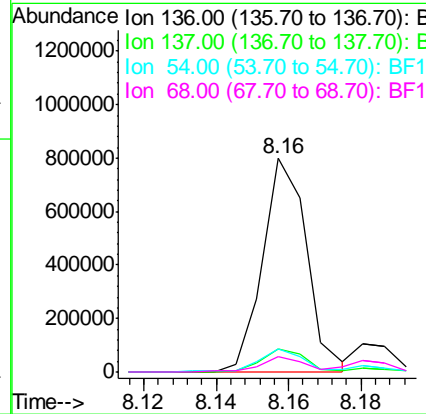
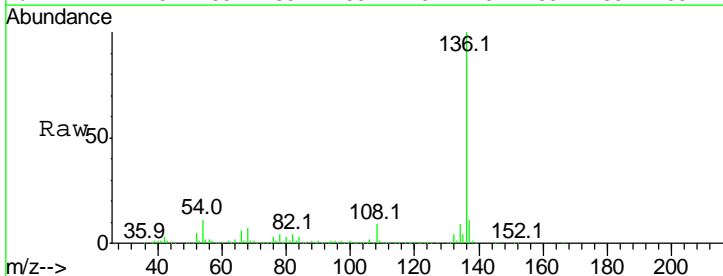
Instrument :
BNA_F
ClientSampled :
SOIL-1

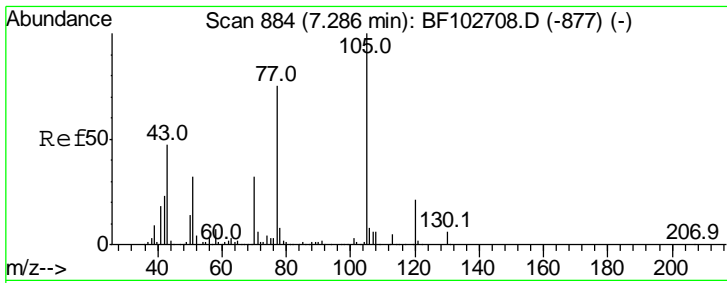
Tgt Ion	Resp	Lower	Upper
79	100		
108	13.6	65.1	97.7#
77	57.0	50.6	75.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF102718.D
Acq: 3 Feb 2018 15:48

Tgt Ion	Resp	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.7	6.6	9.8#
68	6.9	5.0	7.4

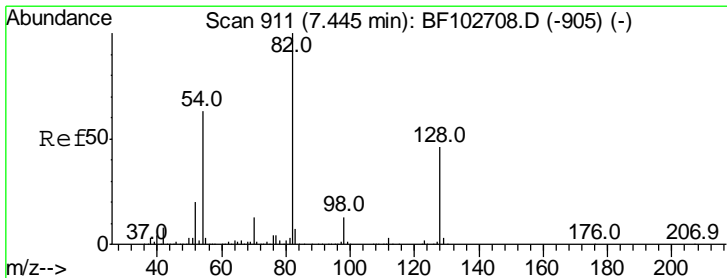
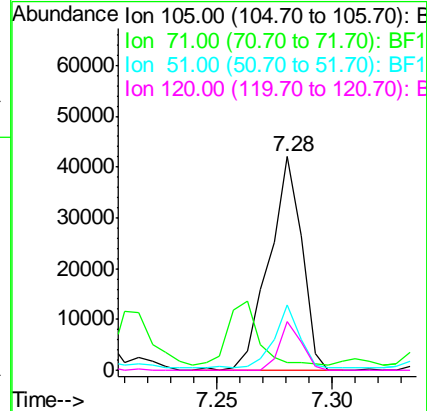
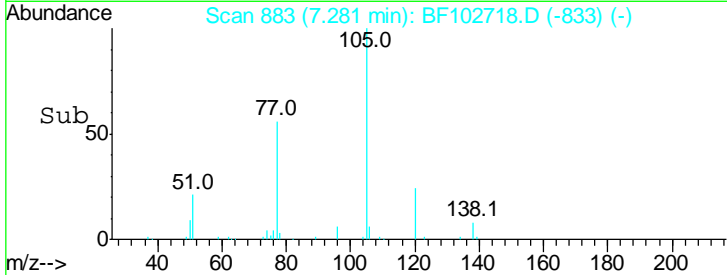
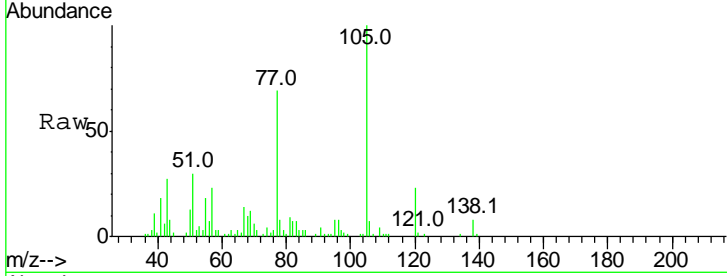




#22
 Acetophenone
 Concen: 2.531 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102718.D
 Acq: 3 Feb 2018 15:48

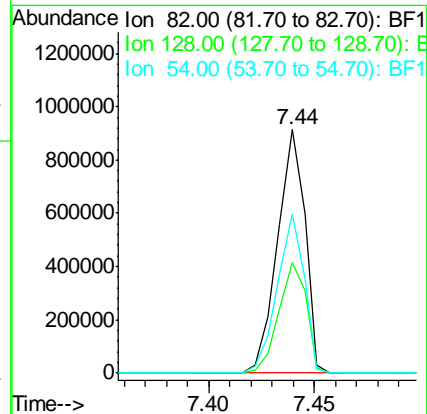
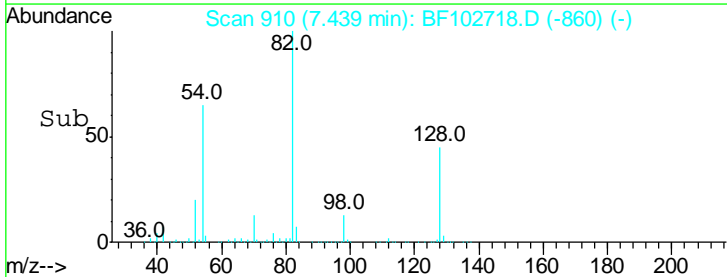
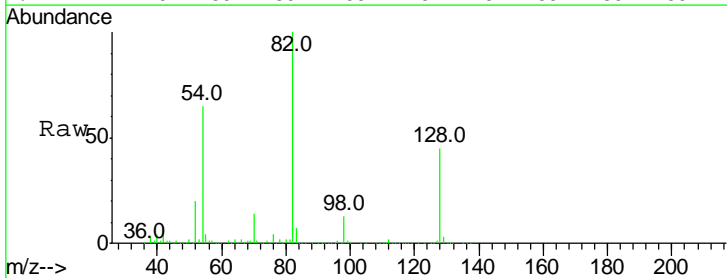
Instrument :
 BNA_F
 ClientSampled :
 SOIL-1

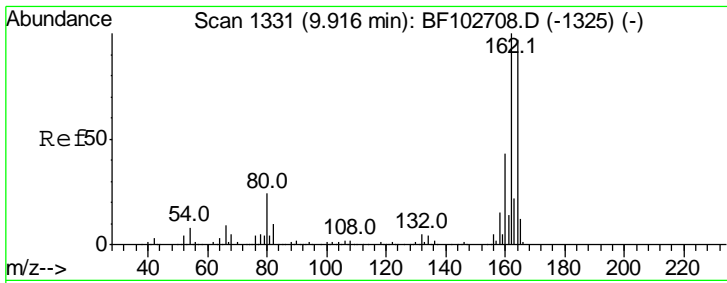
Tgt Ion	Resp	Lower	Upper
105	41514		
71	3.5	4.4	6.6#
51	30.4	22.3	33.5
120	22.5	16.9	25.3



#23
 Nitrobenzene-d5
 Concen: 85.507 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF102718.D
 Acq: 3 Feb 2018 15:48

Tgt Ion	Resp	Lower	Upper
82	826123		
128	45.4	36.1	54.1
54	65.3	41.4	62.2#

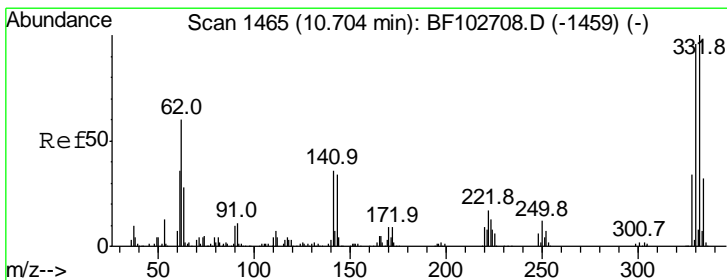
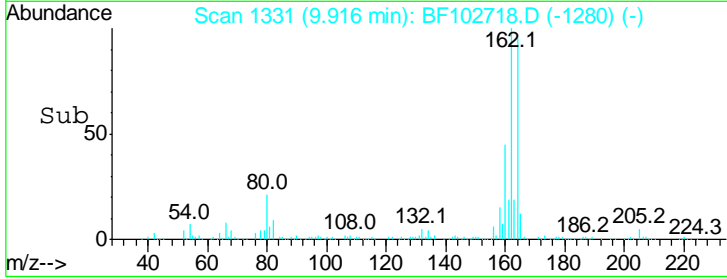
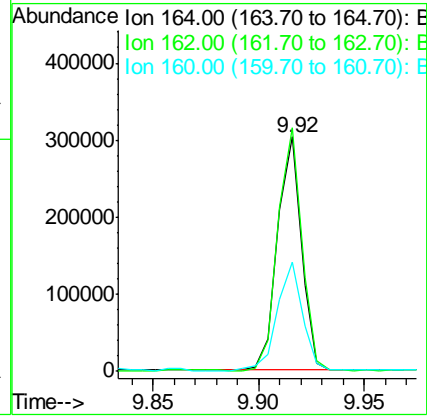
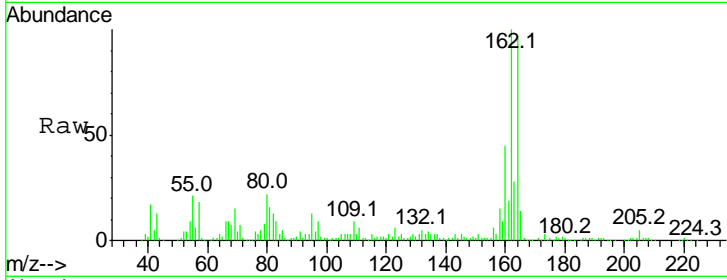




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF102718.D
 Acq: 3 Feb 2018 15:48

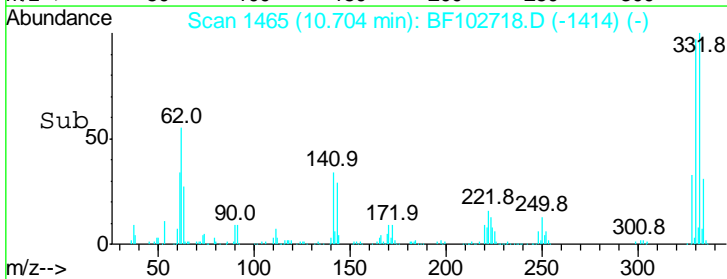
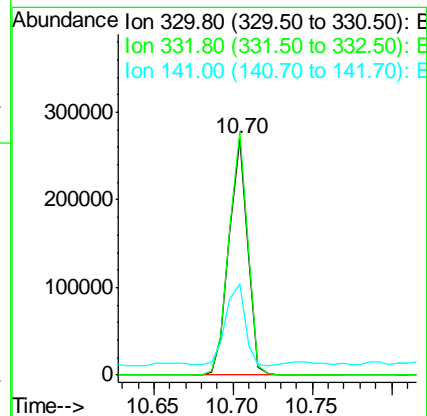
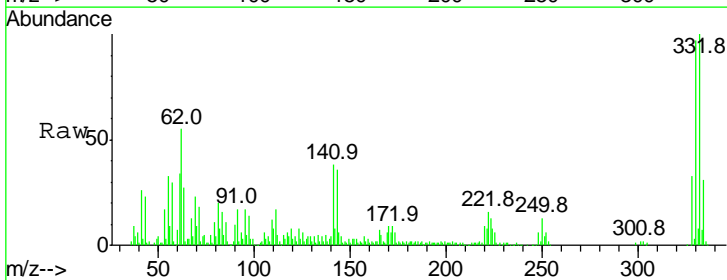
Instrument :
 BNA_F
 ClientSampled :
 SOIL-1

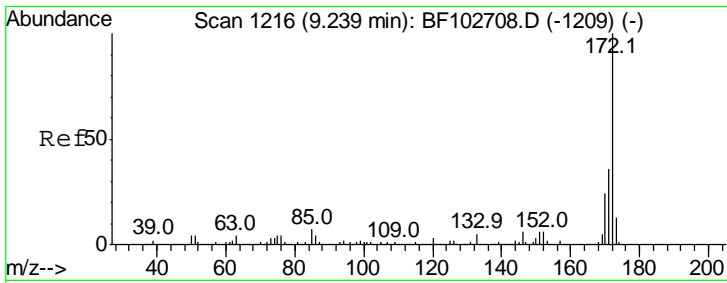
Tgt Ion	Resp	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	46.4	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 115.563 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF102718.D
 Acq: 3 Feb 2018 15:48

Tgt Ion	Resp	Lower	Upper
330	100		
332	103.5	77.0	115.6
141	36.0	29.9	44.9



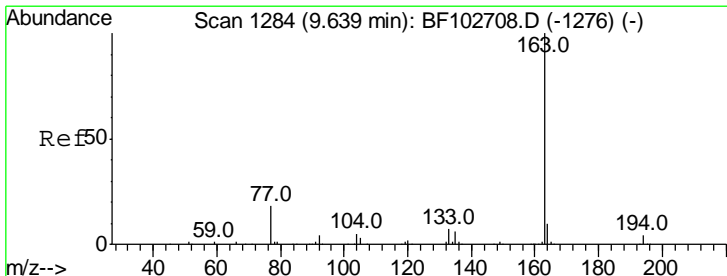
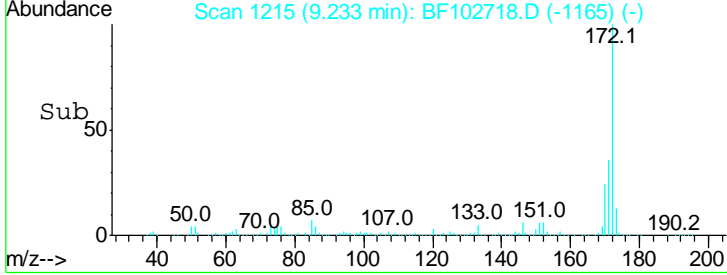
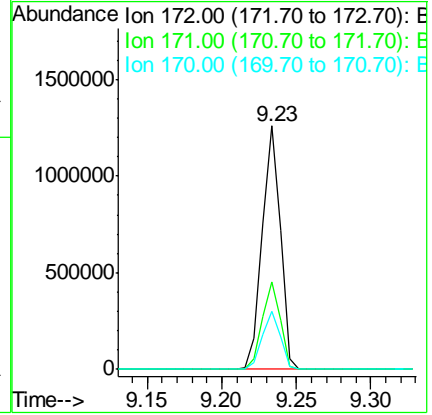
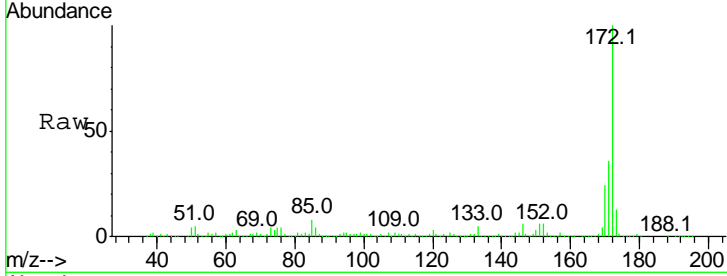


#44
 2-Fluorobiphenyl
 Concen: 72.977 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF102718.D
 Acq: 3 Feb 2018 15:48

Instrument :
 BNA_F
 ClientSampled :
 SOIL-1

Tgt Ion:172 Resp: 1046408

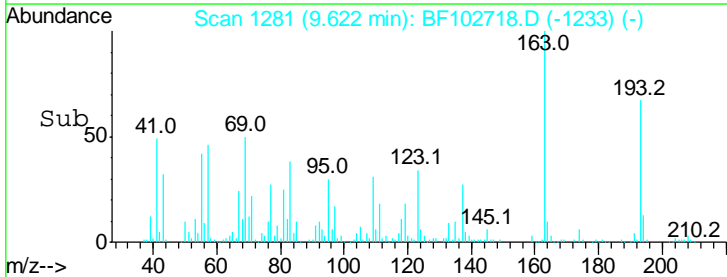
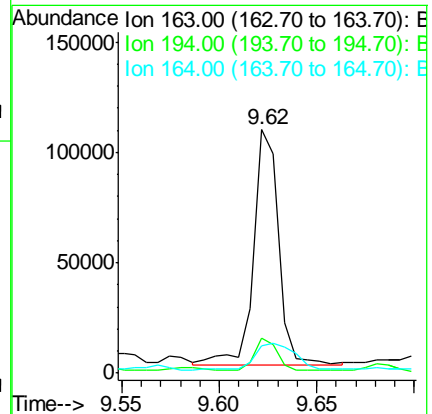
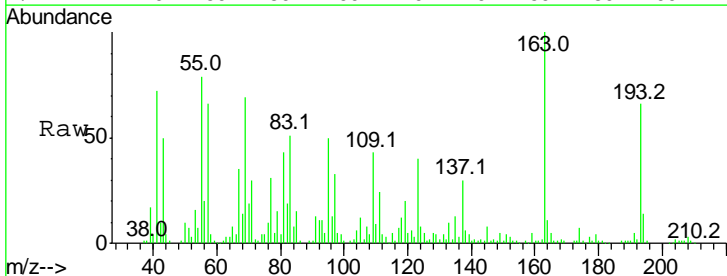
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.9	19.6	29.4

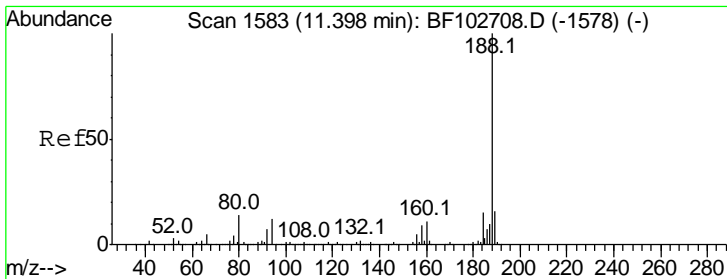


#49
 Dimethylphthalate
 Concen: 5.120 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.02 min
 Lab File: BF102718.D
 Acq: 3 Feb 2018 15:48

Tgt Ion:163 Resp: 94991

Ion	Ratio	Lower	Upper
163	100		
194	14.1	2.7	4.1#
164	11.2	8.2	12.2

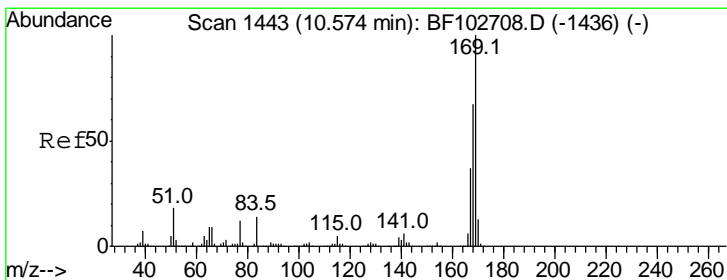
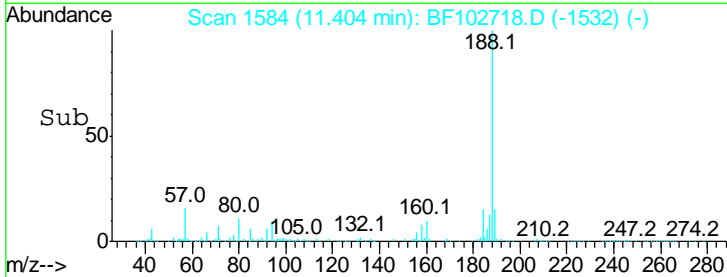
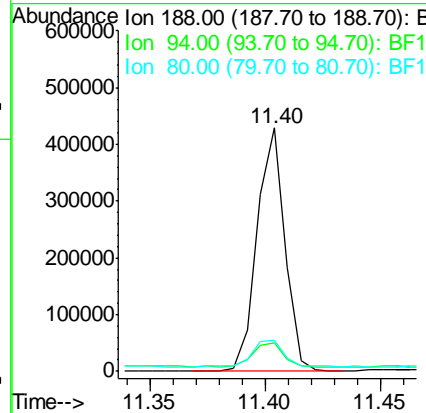
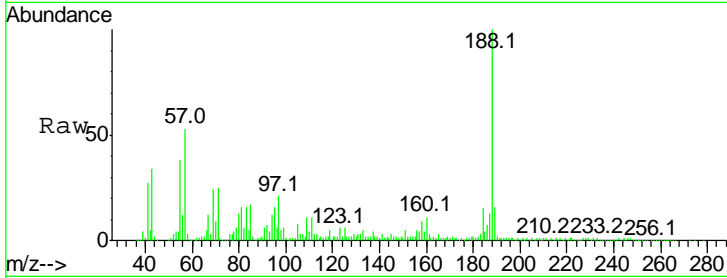




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BF102718.D
 Acq: 3 Feb 2018 15:48

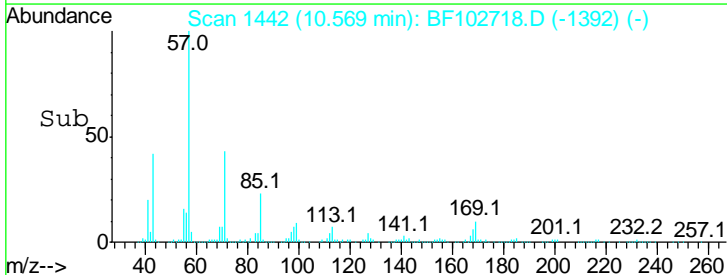
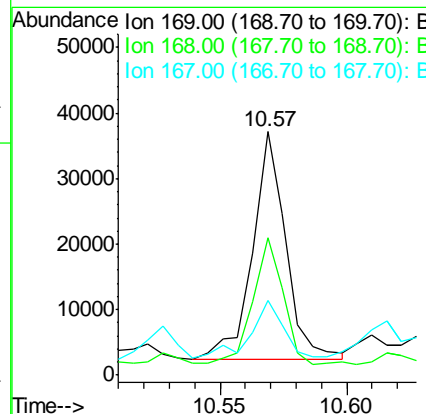
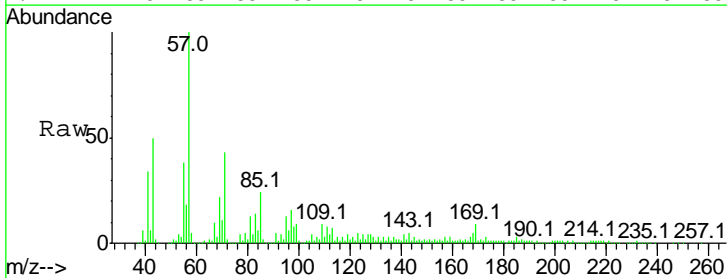
Instrument :
 BNA_F
 ClientSampled :
 SOIL-1

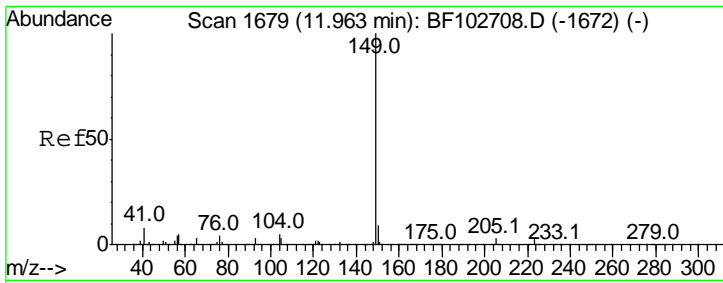
Tgt Ion	Resp	Lower	Upper
188	100		
94	11.9	8.5	12.7
80	13.0	9.2	13.8



#65
 n-Nitrosodiphenylamine
 Concen: 2.487 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF102718.D
 Acq: 3 Feb 2018 15:48

Tgt Ion	Resp	Lower	Upper
169	100		
168	56.3	54.4	81.6
167	30.9	29.8	44.6

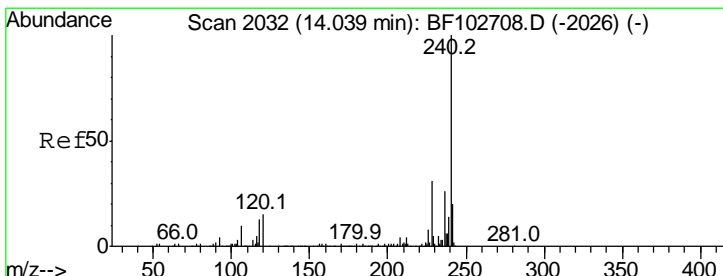
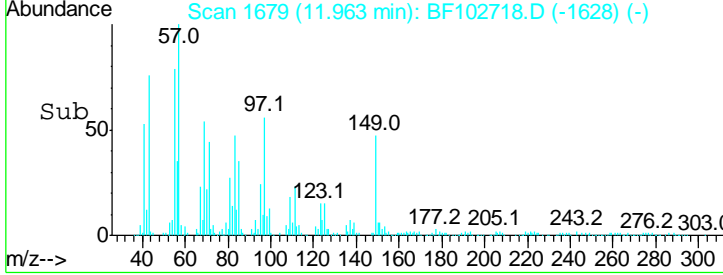
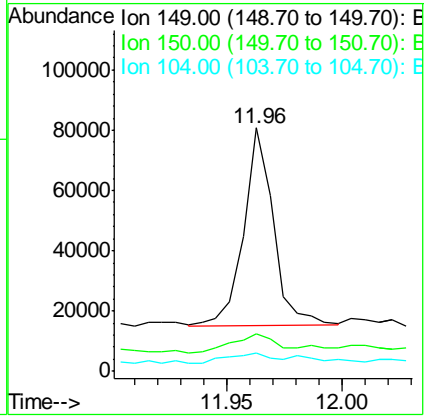
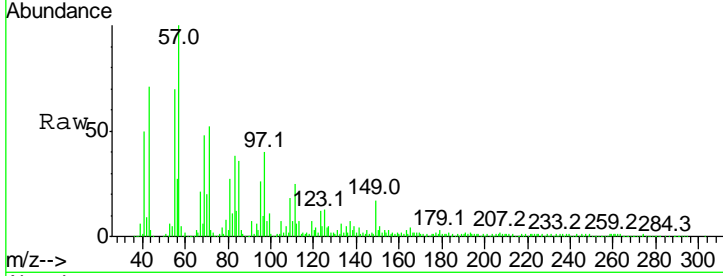




#73
 Di-n-butylphthalate
 Concen: 2.451 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BF102718.D
 Acq: 3 Feb 2018 15:48

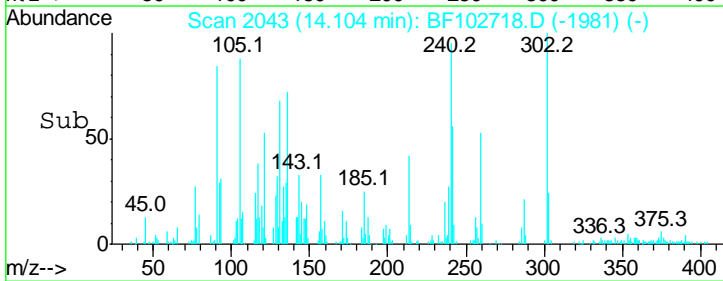
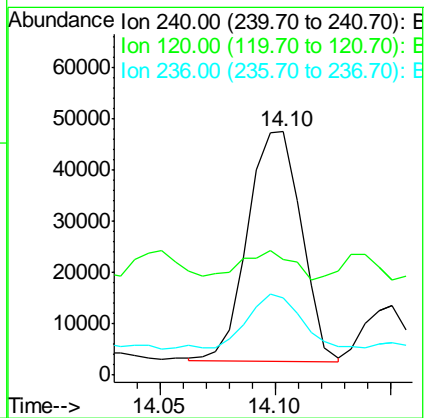
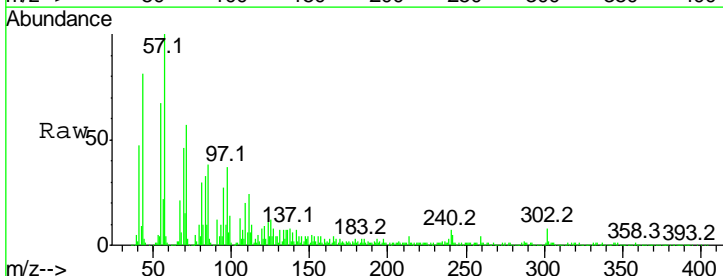
Instrument :
 BNA_F
 ClientSampled :
 SOIL-1

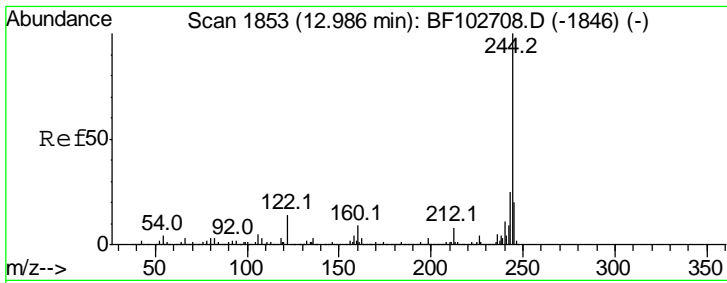
Tgt Ion	Resp	Lower	Upper
149	100		
150	15.6	7.8	11.6#
104	7.5	3.8	5.8#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. 0.06 min
 Lab File: BF102718.D
 Acq: 3 Feb 2018 15:48

Tgt Ion	Resp	Lower	Upper
240	100		
120	47.7	9.5	14.3#
236	31.5	20.7	31.1#

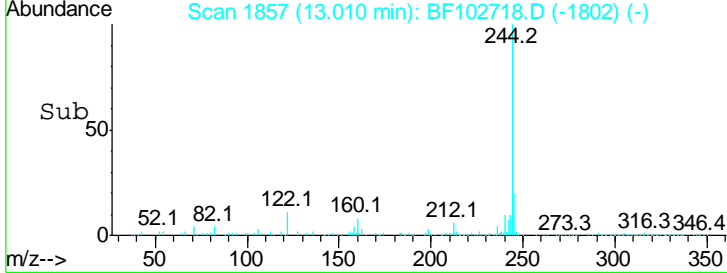
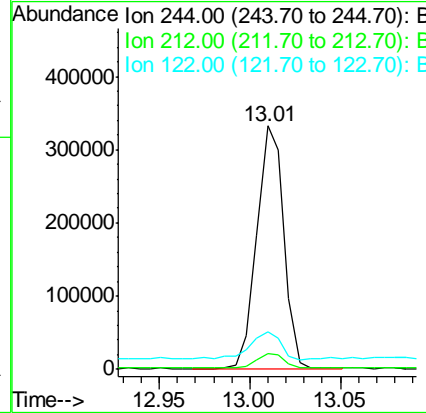
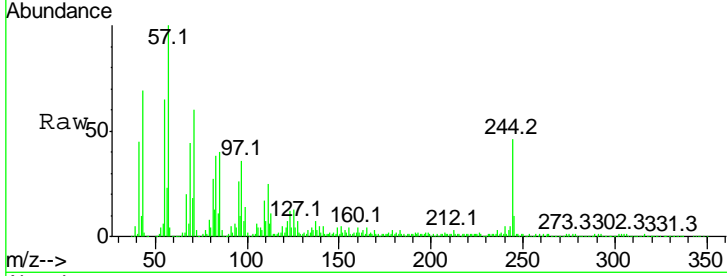




#78
 Terphenyl-d14
 Concen: 111.779 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. 0.02 min
 Lab File: BF102718.D
 Acq: 3 Feb 2018 15:48

Instrument :
 BNA_F
 ClientSampled :
 SOIL-1

Tgt Ion	Resp	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	15.3	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.60 min Scan# 2298
 Delta R.T. 0.10 min
 Lab File: BF102718.D
 Acq: 3 Feb 2018 15:48

Tgt Ion	Resp	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.0	17.5	26.3

