

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\  
 Data File : BF105035.D  
 Acq On : 2 May 2018 17:09  
 Operator : JU/SJ  
 Sample : J2616-46  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HOPE-CREEK-SOIL

Quant Time: May 02 18:13:58 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 02 17:25:18 2018  
 Response via : Initial Calibration

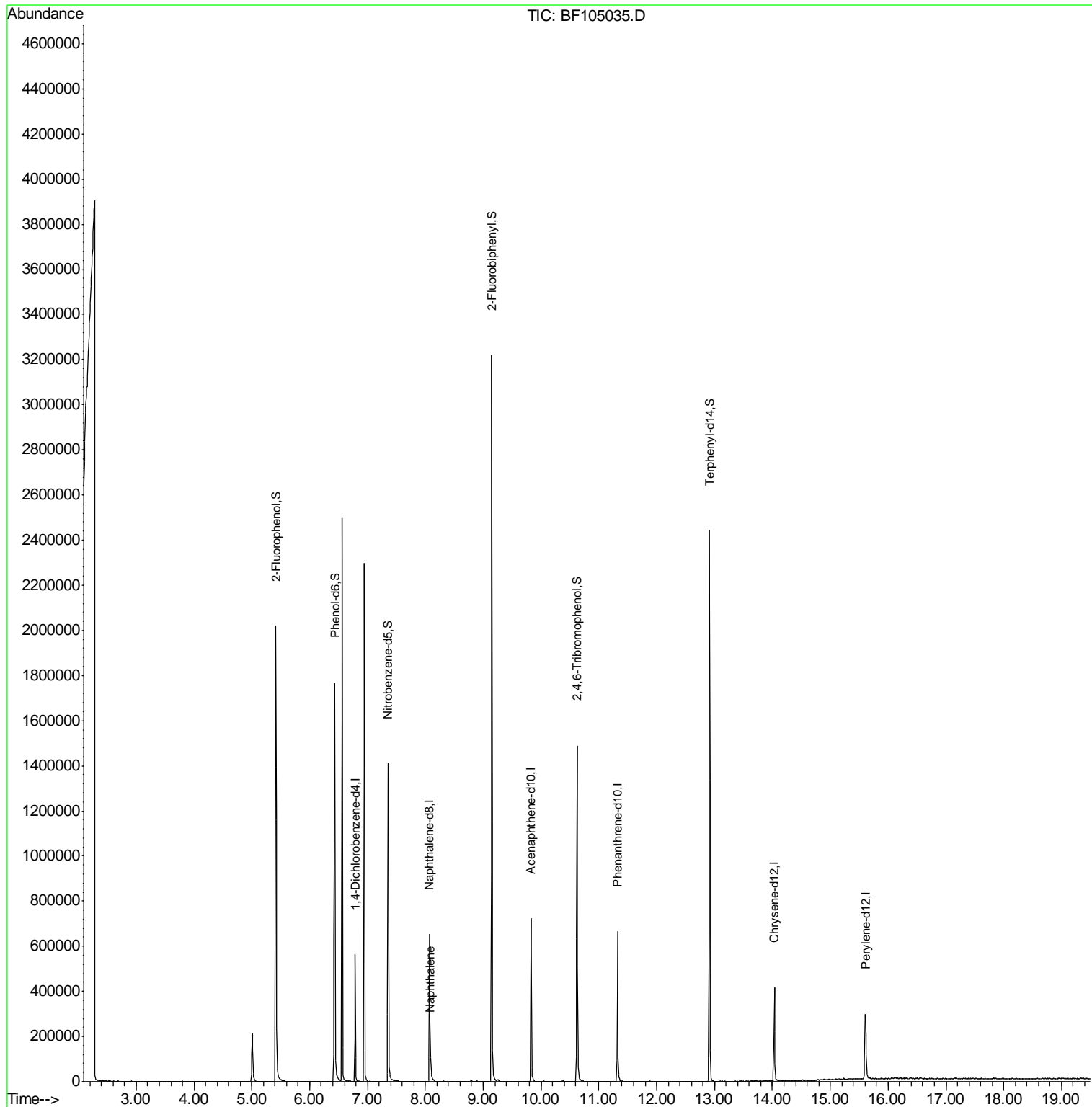
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	84637	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	341257	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	155025	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	263167	20.00	ng	0.00
75) Chrysene-d12	14.03	240	180445	20.00	ng	0.00
86) Perylene-d12	15.61	264	167388	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	636324	114.96	ng	0.01
7) Phenol-d6	6.43	99	684075	100.58	ng	0.00
23) Nitrobenzene-d5	7.36	82	540714	103.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	214928	133.65	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1008569	102.78	ng	0.00
78) Terphenyl-d14	12.92	244	838422	105.93	ng	0.00
Target Compounds						
31) Naphthalene	8.09	128	35127	2.067	ng	99

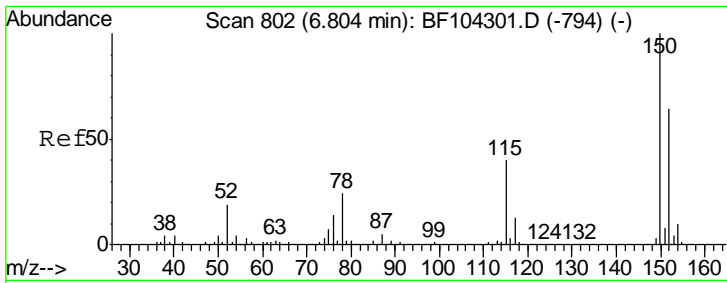
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\  
 Data File : BF105035.D  
 Acq On : 2 May 2018 17:09  
 Operator : JU/SJ  
 Sample : J2616-46  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HOPE-CREEK-SOIL

Quant Time: May 02 18:13:58 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 02 17:25:18 2018  
 Response via : Initial Calibration

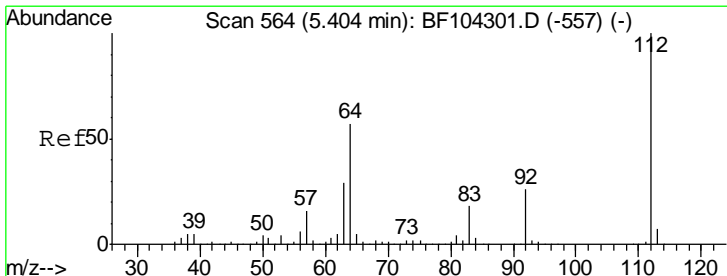
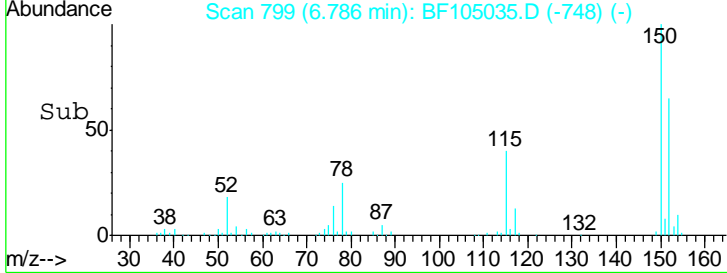
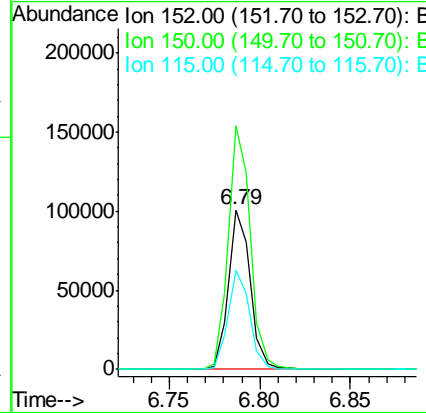
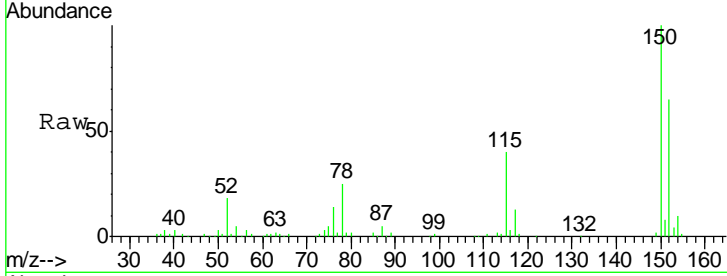




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.79 min Scan# 799  
 Delta R.T. -0.00 min  
 Lab File: BF105035.D  
 Acq: 2 May 2018 17:09

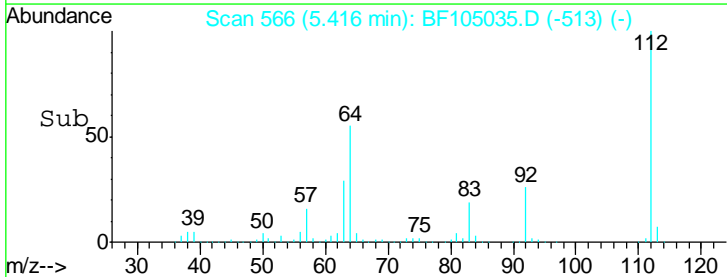
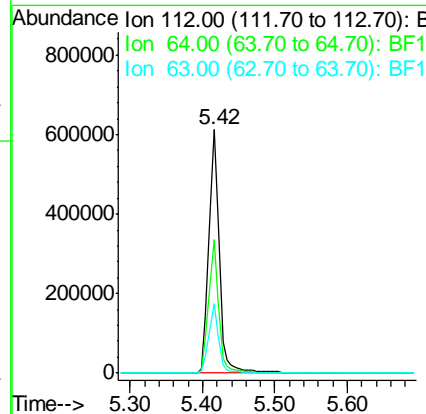
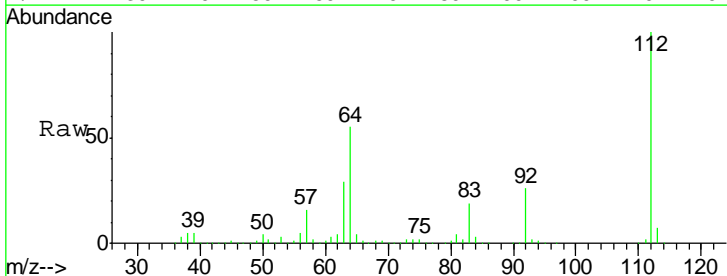
**Instrument :**  
 BNA\_F  
**ClientSampleId :**  
 HOPE-CREEK-SOIL

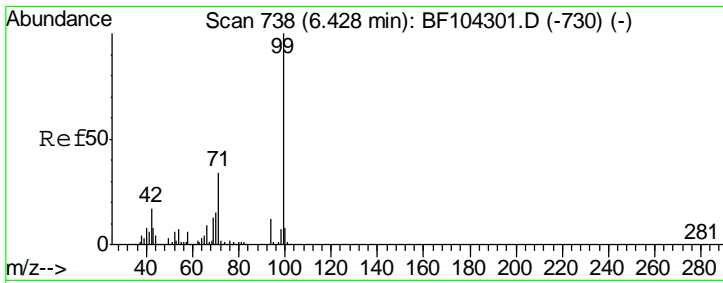
Tgt Ion	Resp	Lower	Upper
152	84637		
150	152.8	124.6	186.8
115	61.8	50.1	75.1



#5  
 2-Fluorophenol  
 Concen: 114.959 ng  
 RT: 5.42 min Scan# 566  
 Delta R.T. 0.01 min  
 Lab File: BF105035.D  
 Acq: 2 May 2018 17:09

Tgt Ion	Resp	Lower	Upper
112	636324		
64	54.8	47.9	71.9
63	28.7	23.7	35.5

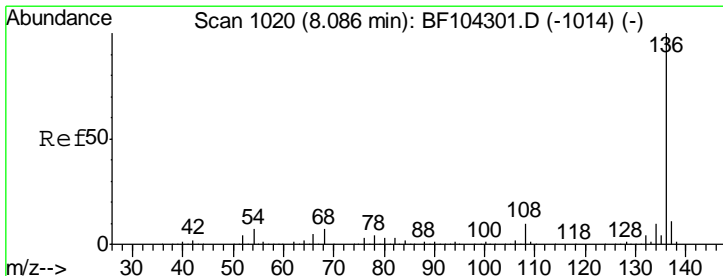
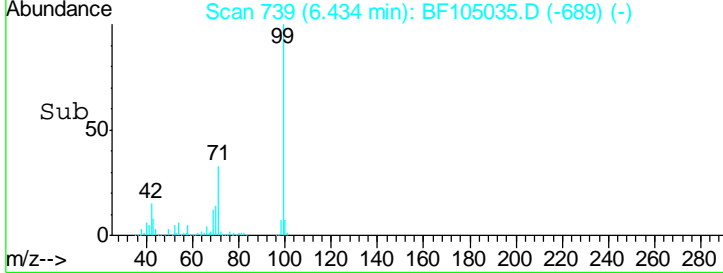
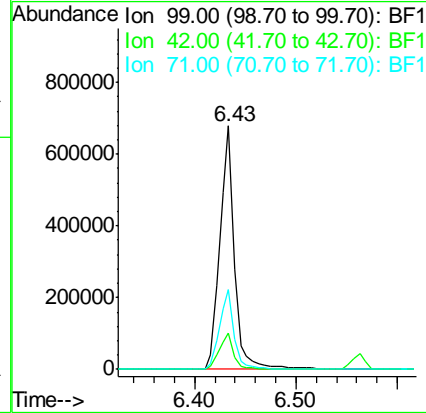
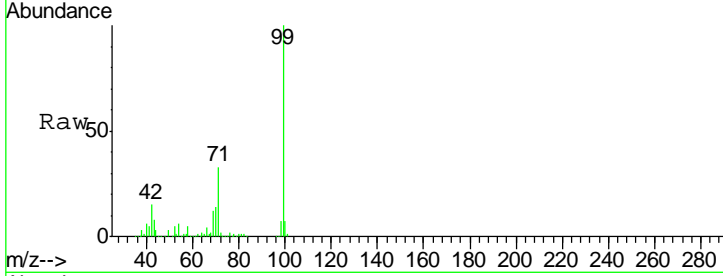




#7  
 Phenol-d6  
 Concen: 100.584 ng  
 RT: 6.43 min Scan# 739  
 Delta R.T. -0.01 min  
 Lab File: BF105035.D  
 Acq: 2 May 2018 17:09

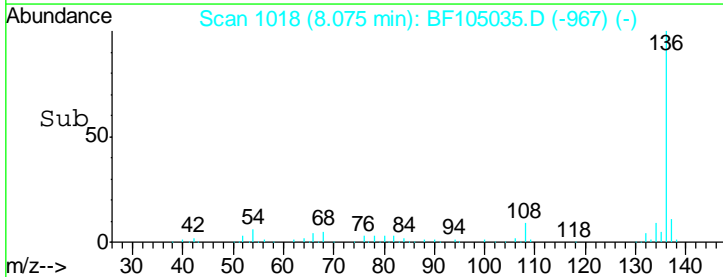
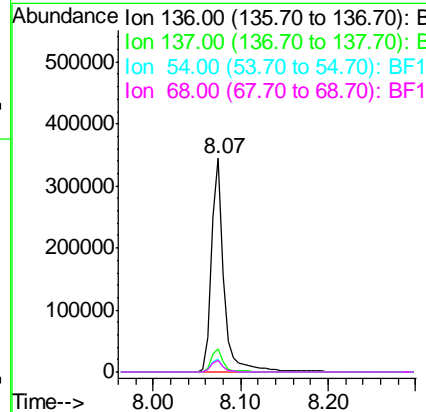
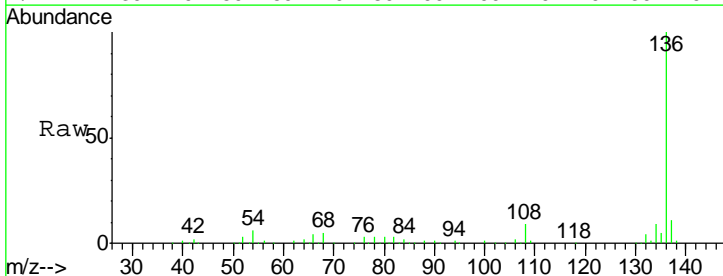
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 HOPE-CREEK-SOIL

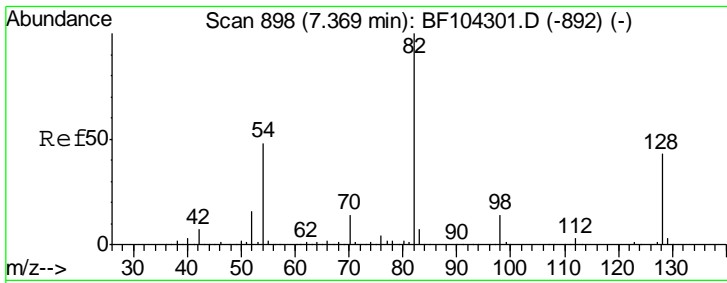
Tgt Ion	Resp	Lower	Upper
99	100		
42	15.1	14.5	21.7
71	33.0	25.4	38.0



#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 8.07 min Scan# 1018  
 Delta R.T. -0.00 min  
 Lab File: BF105035.D  
 Acq: 2 May 2018 17:09

Tgt Ion	Resp	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.1	6.6	9.8#
68	5.3	5.0	7.4

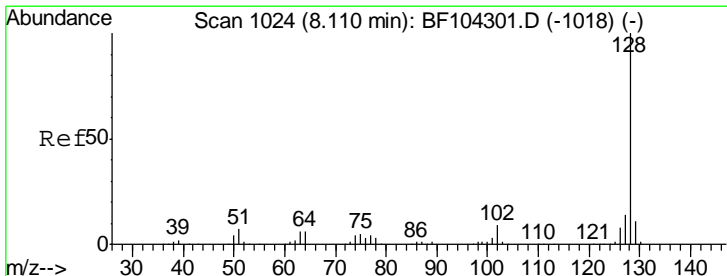
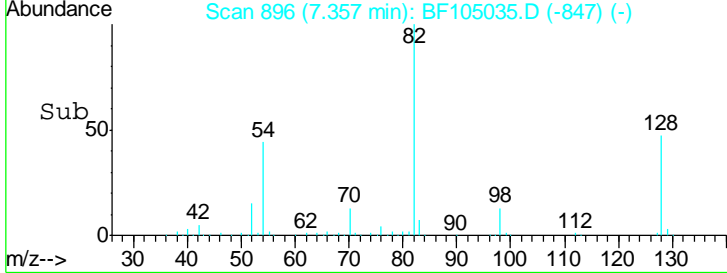
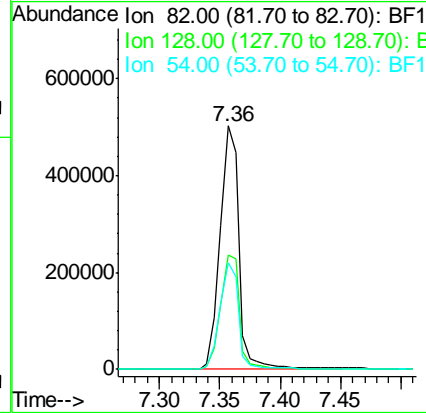
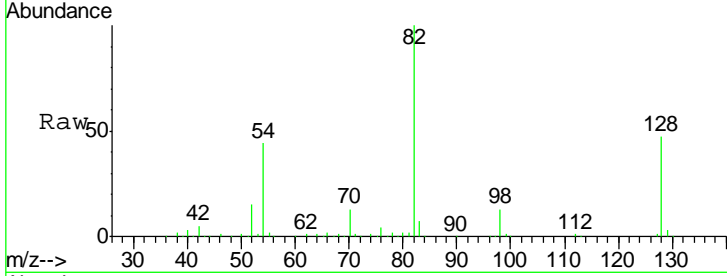




#23  
 Nitrobenzene-d5  
 Concen: 103.463 ng  
 RT: 7.36 min Scan# 896  
 Delta R.T. -0.01 min  
 Lab File: BF105035.D  
 Acq: 2 May 2018 17:09

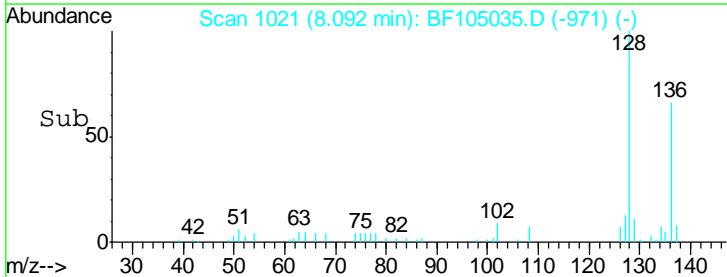
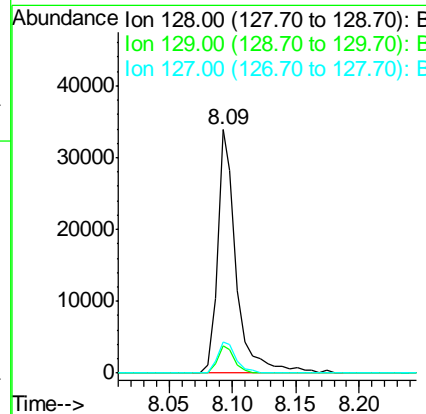
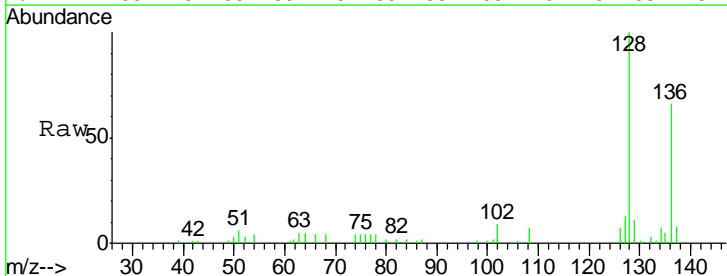
**Instrument :**  
 BNA\_F  
**ClientSampleId :**  
 HOPE-CREEK-SOIL

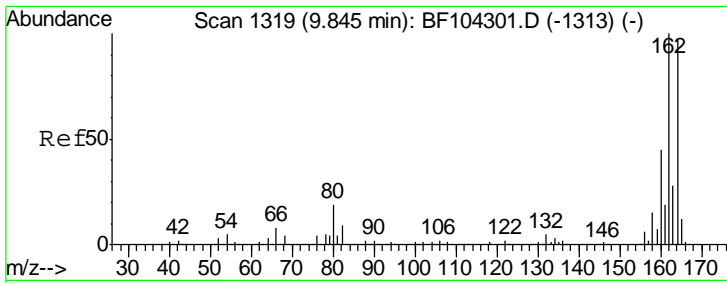
Tgt Ion	Resp	Lower	Upper
82	540714		
128	46.9	36.1	54.1
54	43.8	41.4	62.2



#31  
 Naphthalene  
 Concen: 2.067 ng  
 RT: 8.09 min Scan# 1021  
 Delta R.T. -0.01 min  
 Lab File: BF105035.D  
 Acq: 2 May 2018 17:09

Tgt Ion	Resp	Lower	Upper
128	35127		
129	11.1	8.8	13.2
127	12.6	10.9	16.3

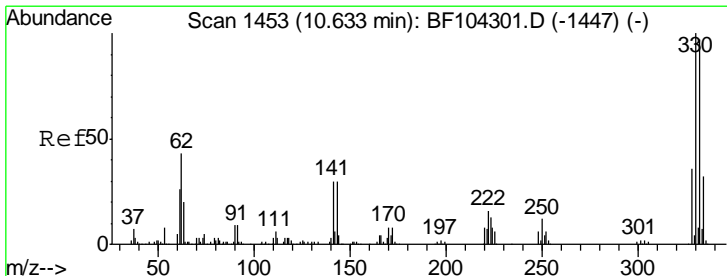
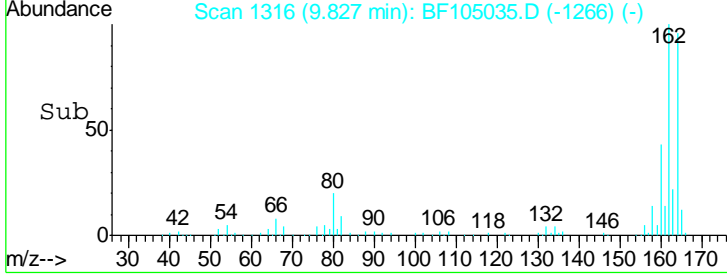
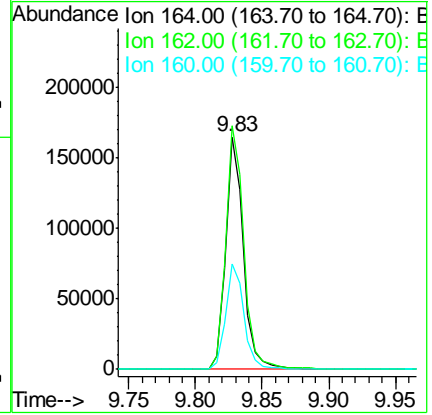
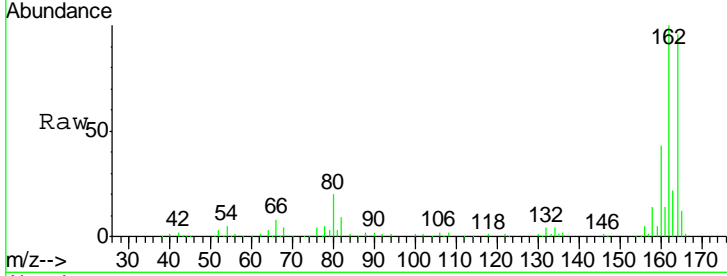




#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.83 min Scan# 1316  
 Delta R.T. -0.01 min  
 Lab File: BF105035.D  
 Acq: 2 May 2018 17:09

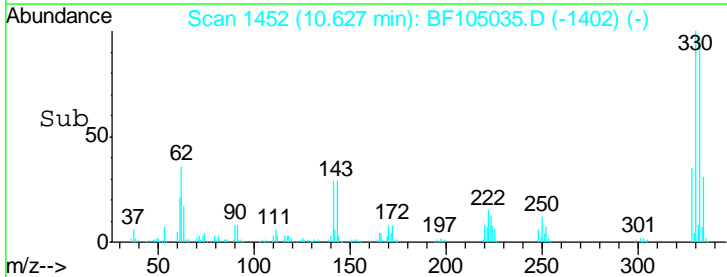
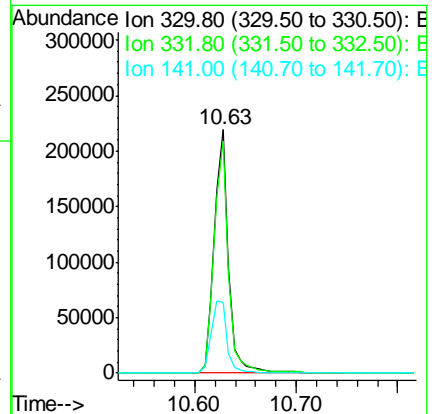
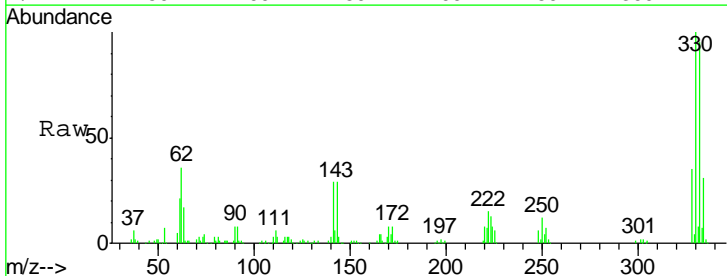
**Instrument :**  
 BNA\_F  
**ClientSampleId :**  
 HOPE-CREEK-SOIL

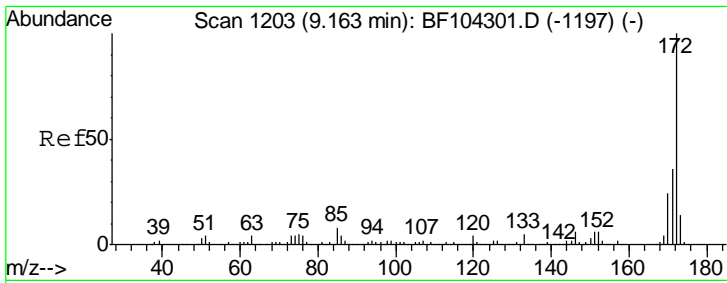
Tgt Ion	Resp	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	45.5	38.3	57.5



#41  
 2,4,6-Tribromophenol  
 Concen: 133.652 ng  
 RT: 10.63 min Scan# 1452  
 Delta R.T. -0.01 min  
 Lab File: BF105035.D  
 Acq: 2 May 2018 17:09

Tgt Ion	Resp	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	33.1	29.9	44.9



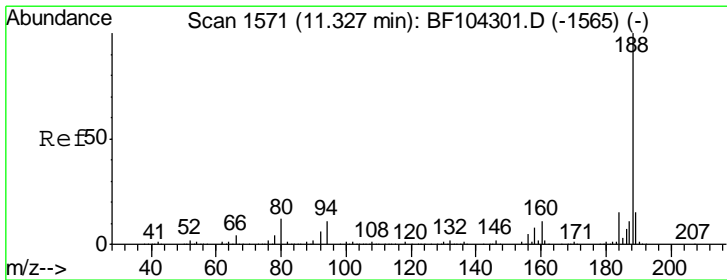
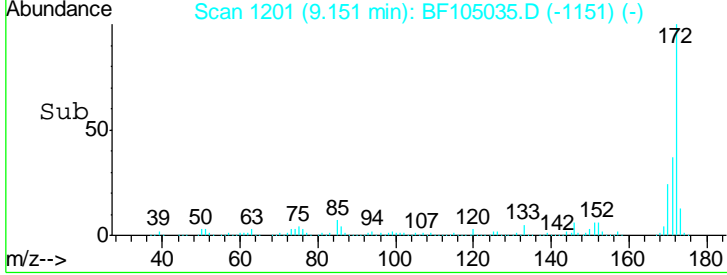
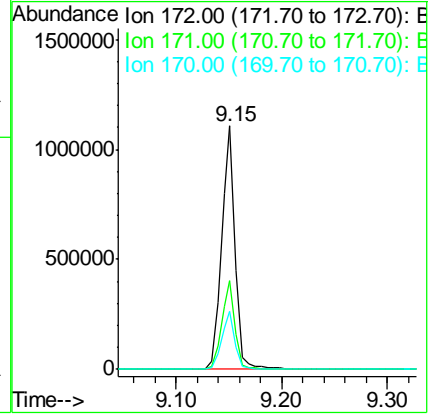
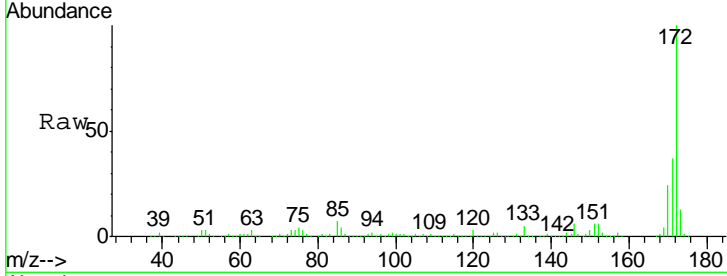


#44  
 2-Fluorobiphenyl  
 Concen: 102.776 ng  
 RT: 9.15 min Scan# 1201  
 Delta R.T. -0.01 min  
 Lab File: BF105035.D  
 Acq: 2 May 2018 17:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HOPE-CREEK-SOIL

Tgt Ion:172 Resp: 1008569

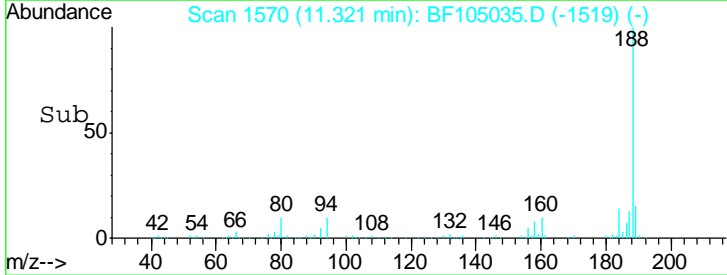
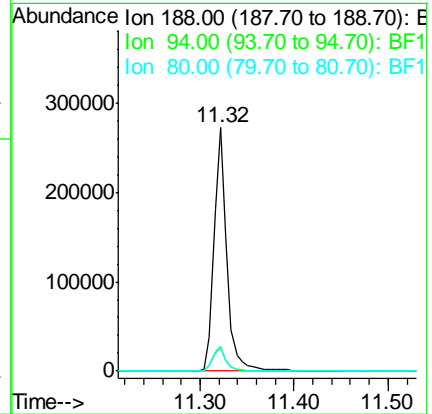
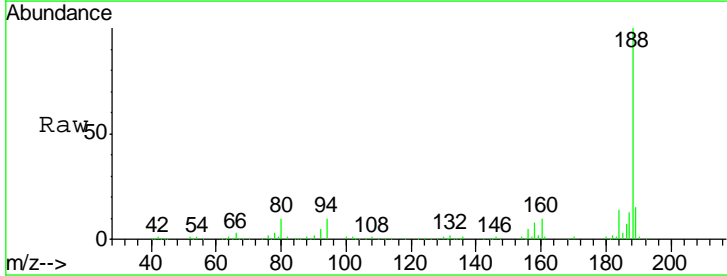
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.1	19.6	29.4

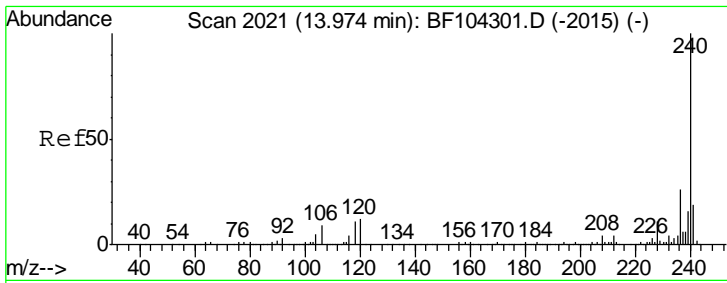


#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.32 min Scan# 1570  
 Delta R.T. -0.00 min  
 Lab File: BF105035.D  
 Acq: 2 May 2018 17:09

Tgt Ion:188 Resp: 263167

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.1	9.2	13.8

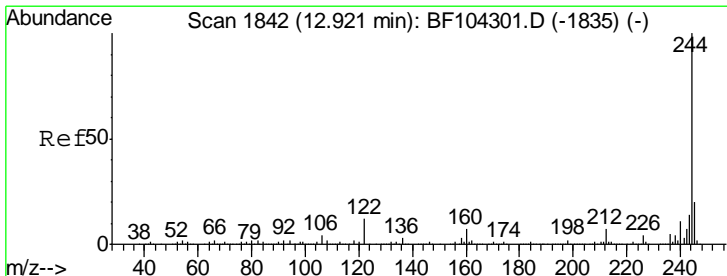
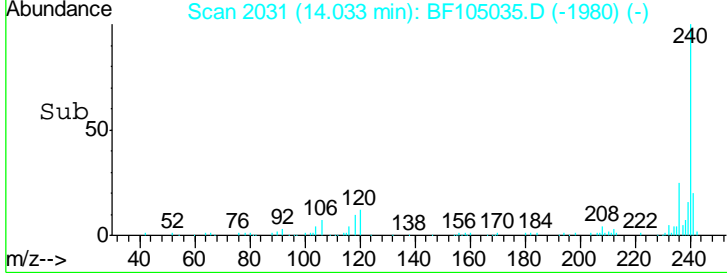
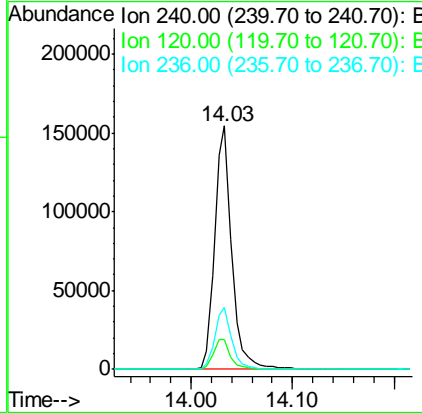
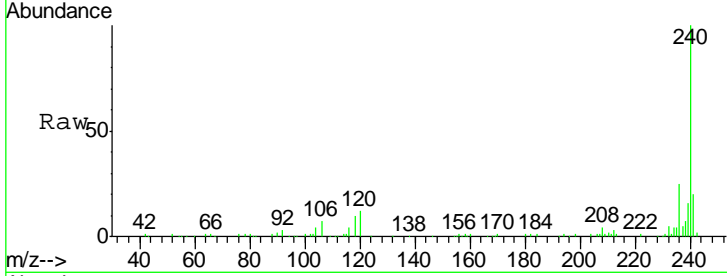




#75  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.03 min Scan# 2031  
 Delta R.T. -0.00 min  
 Lab File: BF105035.D  
 Acq: 2 May 2018 17:09

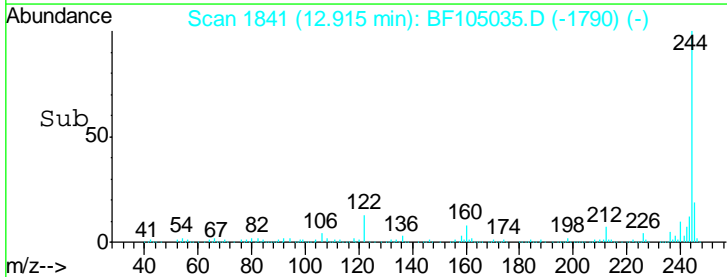
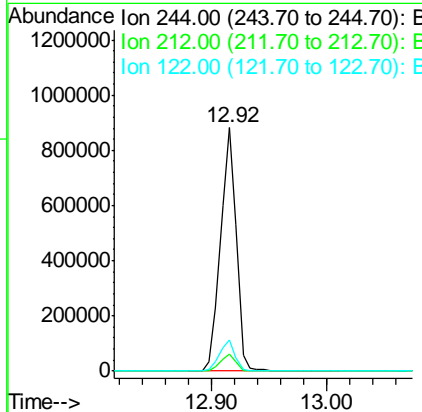
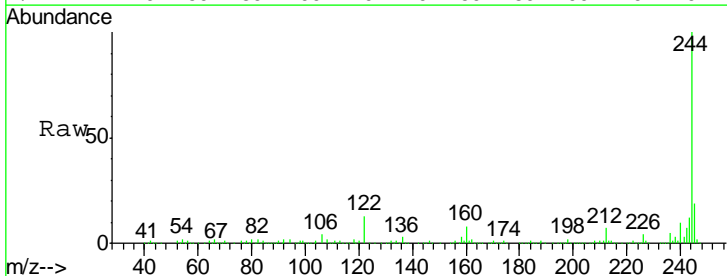
Instrument :  
 BNA\_F  
 ClientSampleId :  
 HOPE-CREEK-SOIL

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	25.5	20.7	31.1

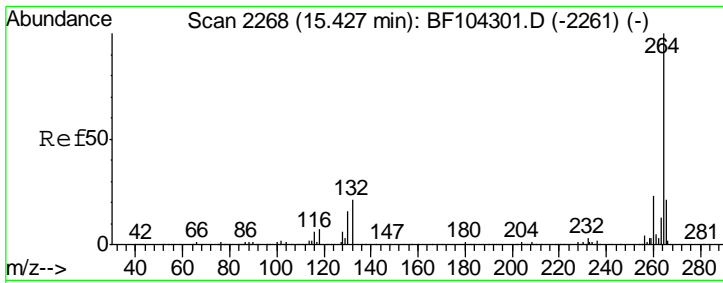


#78  
 Terphenyl-d14  
 Concen: 105.930 ng  
 RT: 12.92 min Scan# 1841  
 Delta R.T. -0.00 min  
 Lab File: BF105035.D  
 Acq: 2 May 2018 17:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.6	11.0	16.4







#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.61 min Scan# 2299  
 Delta R.T. 0.02 min  
 Lab File: BF105035.D  
 Acq: 2 May 2018 17:09

**Instrument :**  
 BNA\_F  
**ClientSampleId :**  
 HOPE-CREEK-SOIL

Tot Ion: 264 Resp: 167388

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.6	17.5	26.3

