

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
 Data File : BF091650.D
 Acq On : 16 Dec 2016 1:18
 Operator : UM/SJ
 Sample : H6029-04MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-SOIL-01MSD

Quant Time: Dec 16 02:23:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	736317	20.00	ng	0.16
21) Naphthalene-d8	8.40	136	511	20.00	ng	0.32
38) Acenaphthene-d10	10.28	164	21818	20.00	ng	0.46
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-11.31
75) Chrysene-d12	13.94	240	260	20.00	ng	0.00
86) Perylene-d12	15.33	264	235	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1954148	44.71	ng	0.02
7) Phenol-d6	6.44	99	2481911	45.55	ng	0.01
23) Nitrobenzene-d5	7.62	82	1641210	179257.29	ng	0.26
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	12.89	244	1680406	146658.21	ng	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.40	88	241862	10.49	ng	89
3) Pyridine	3.09	79	725005	11.80	ng	# 83
4) n-Nitrosodimethylamine	3.06	42	381225	14.44	ng	# 66
6) Aniline	6.53	93	727494	10.18	ng	# 37
8) 2-Chlorophenol	6.58	128	737919	14.96	ng	99
10) Phenol	6.45	94	1185128	18.60	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	727494	15.20	ng	# 80
12) 1,3-Dichlorobenzene	6.81	146	792905	14.82	ng	99
13) 1,4-Dichlorobenzene	6.81	146	792905	15.03	ng	99
14) 1,2-Dichlorobenzene	6.96	146	647280	13.61	ng	98
15) Benzyl Alcohol	6.93	79	588172	13.67	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	995709	13.43	ng	84
17) 2-Methylphenol	7.21	107	703012	17.22	ng	# 67
19) n-Nitroso-di-n-propylamine	7.36	70	206215	6.05	ng	# 66
20) 3+4-Methylphenols	7.21	107	703012	13.78	ng	# 67
22) Acetophenone	7.73	105	25476	2080.82	ng	# 1
24) Nitrobenzene	7.62	77	53882	5570.16	ng	# 70
27) 2,4-Dimethylphenol	8.21	122	14977	1997.26	ng	# 25
31) Naphthalene	8.14	128	16531	695.30	ng	# 1
32) Benzoic acid	8.16	122	966	166.10	ng	# 46
33) 4-Chloroaniline	8.65	127	2024	197.60	ng	# 1
35) Caprolactam	8.89	113	31539	16553.17	ng	# 1
36) 4-Chloro-3-methylphenol	8.96	107	46732	6386.71	ng	# 2
37) 2-Methylnaphthalene	8.89	142	1242159	80720.67	ng	# 96
43) 2,4,5-Trichlorophenol	9.56	196	913	2.31	ng	# 1
45) 1,1'-Biphenyl	9.86	154	1076977	681.50	ng	# 16
46) 2-Chloronaphthalene	9.76	162	2451	2.00	ng	# 37
47) 2-Nitroaniline	9.78	65	268198	651.74	ng	# 64
48) Acenaphthylene	9.86	152	497148	266.51	ng	# 1
49) Dimethylphthalate	9.98	163	399969	289.51	ng	# 96
50) 2,6-Dinitrotoluene	10.02	165	320428	1056.76	ng	# 74
51) Acenaphthene	10.49	154	26195	20.22	ng	# 22
52) 3-Nitroaniline	10.40	138	307966	864.61	ng	# 32
53) 2,4-Dinitrophenol	10.53	184	3505	28.46	ng	# 1

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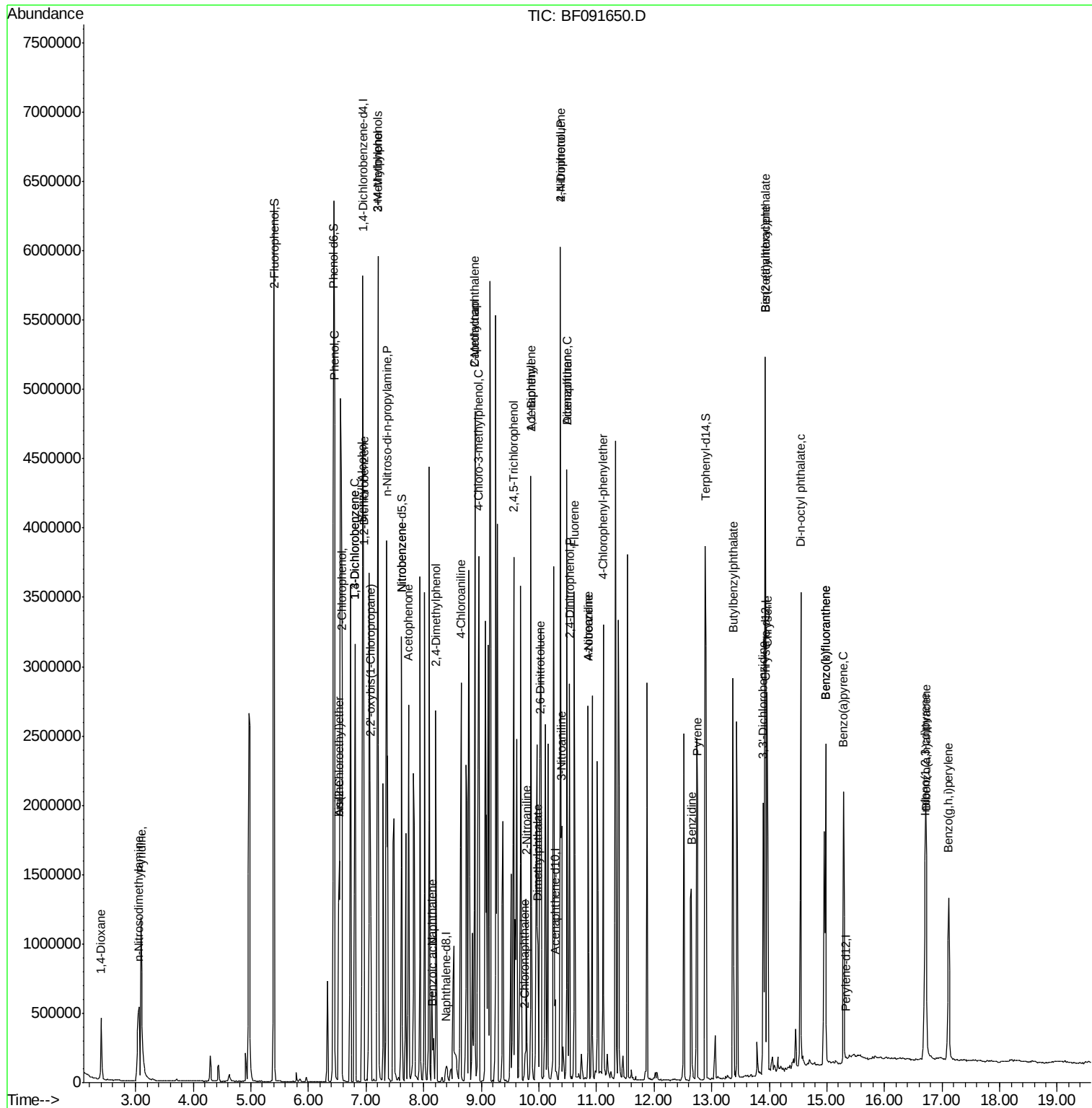
54) Dibenzofuran	10.49	168	708080	441.72	ng	# 1
55) 4-Nitrophenol	10.37	139	161127	608.01	ng	# 17
56) 2,4-Dinitrotoluene	10.37	165	1011842	2662.23	ng	# 42
57) Fluorene	10.61	166	21574	15.58	ng	# 91
60) 4-Chlorophenyl-phenylether	11.12	204	43501	75.47	ng	# 86
61) 4-Nitroaniline	10.85	138	2139	6.04	ng	# 1
62) Azobenzene	10.85	77	229053	151.95	ng	# 46
76) Benzidine	12.65	184	819816	101976.31	ng	97
77) Pyrene	12.75	202	1433401	69490.35	ng	98
79) Butylbenzylphthalate	13.37	149	678563	84390.57	ng	86
80) Benzo(a)anthracene	13.93	228	1140794	75551.77	ng	100
81) 3,3'-Dichlorobenzidine	13.89	252	422255	77877.26	ng	# 96
82) Chrysene	13.96	228	1207212	76416.92	ng	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	869510	84285.18	ng	100
84) Di-n-octyl phthalate	14.55	149	1663415	94996.20	ng	# 92
85) Indeno(1,2,3-cd)pyrene	16.71	276	1121303	78876.55	ng	98
87) Benzo(b)fluoranthene	14.98	252	1998607	142667.13	ng	98
88) Benzo(k)fluoranthene	14.98	252	1999461	162324.60	ng	98
89) Benzo(a)pyrene	15.29	252	1024619	81187.57	ng	99
90) Dibenzo(a,h)anthracene	16.73	278	936988	82878.25	ng	96
91) Benzo(g,h,i)perylene	17.12	276	922849	80204.51	ng	# 96

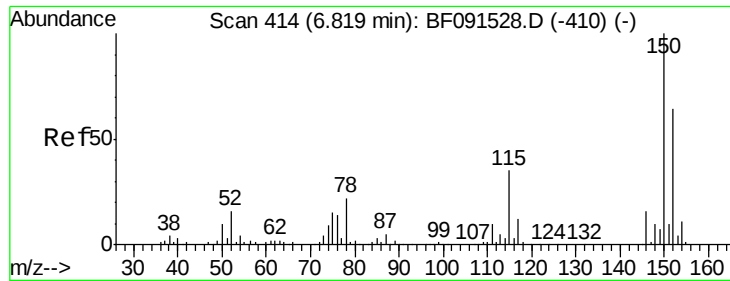
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.16 min

Lab File: BF091650.D

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Instrument :

BNA_F

ClientSampleId :

IDW-SOIL-01MSD

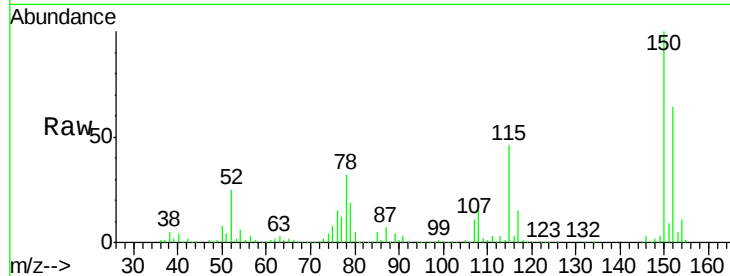
Tgt Ion:152 Resp: 736317

Ion Ratio Lower Upper

152 100

150 156.7 122.5 183.7

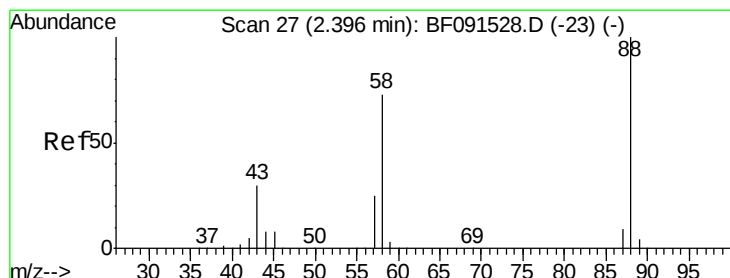
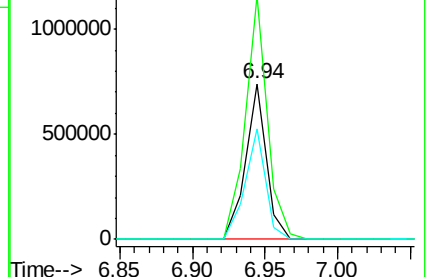
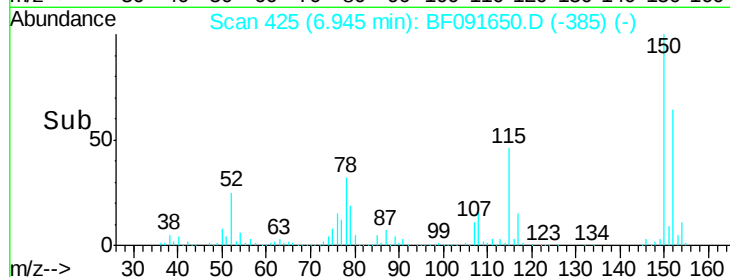
115 71.3 51.8 77.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 10.49 ng

RT: 2.40 min Scan# 27

Delta R.T. 0.07 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

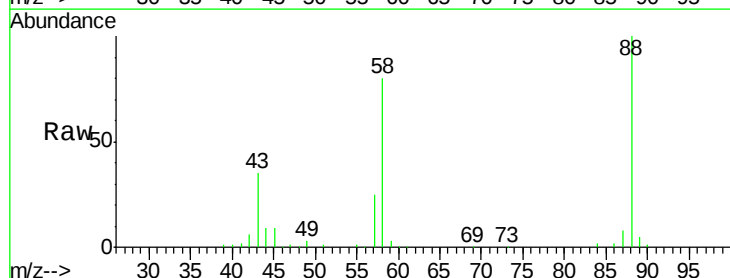
Tgt Ion: 88 Resp: 241862

Ion Ratio Lower Upper

88 100

58 74.9 70.3 105.5

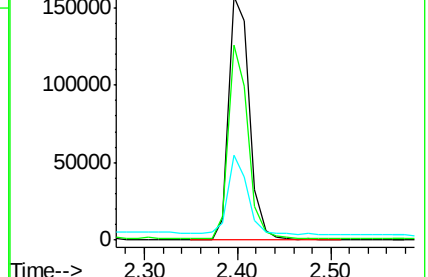
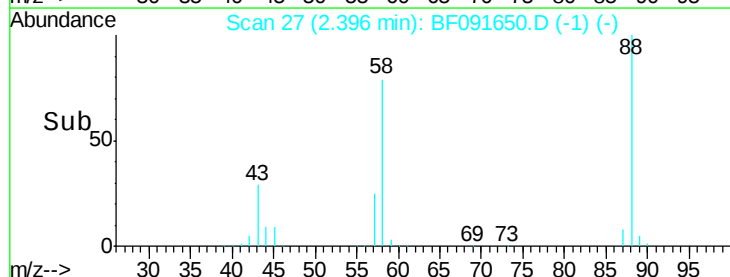
43 36.5 31.3 46.9

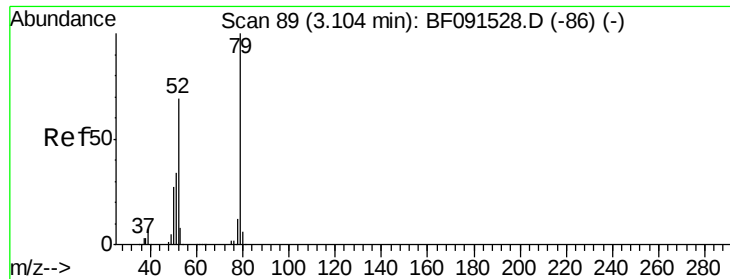


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 11.80 ng

RT: 3.09 min Scan# 88

Delta R.T. 0.07 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

Instrument :

BNA_F

ClientSampleId :

IDW-SOIL-01MSD

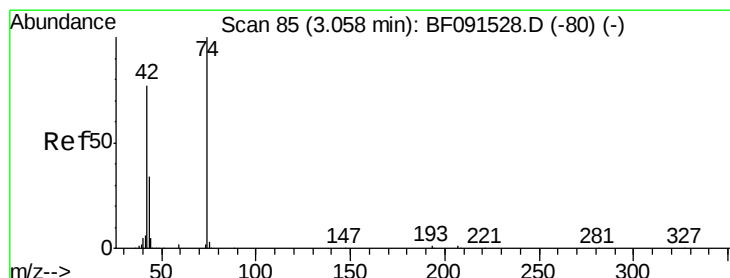
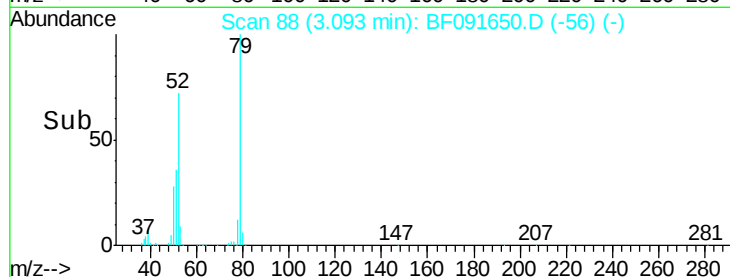
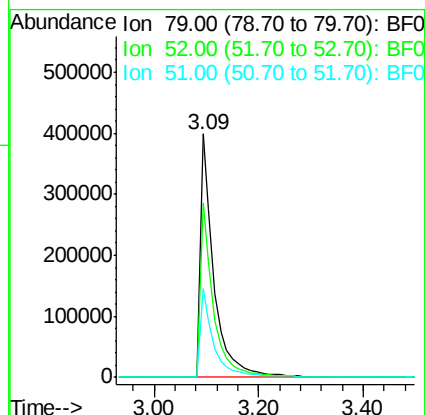
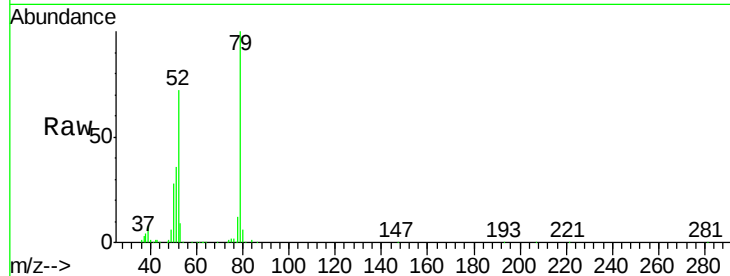
Tgt Ion: 79 Resp: 725005

Ion Ratio Lower Upper

79 100

52 71.6 71.0 106.4

51 36.3 37.0 55.4#



#4

n-Nitrosodimethylamine

Concen: 14.44 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.08 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

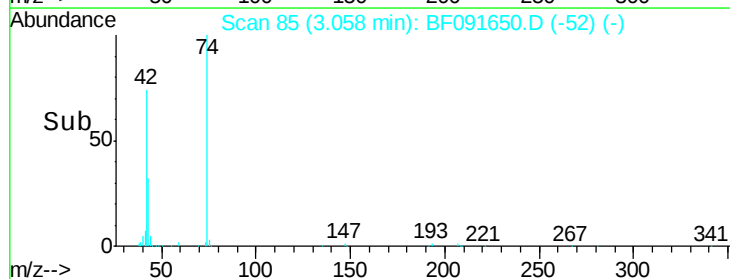
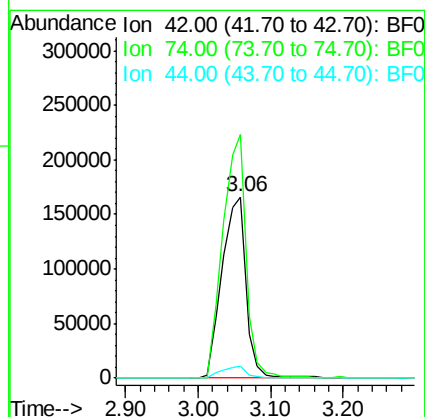
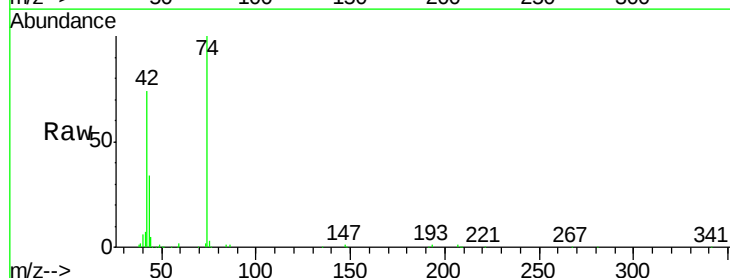
Tgt Ion: 42 Resp: 381225

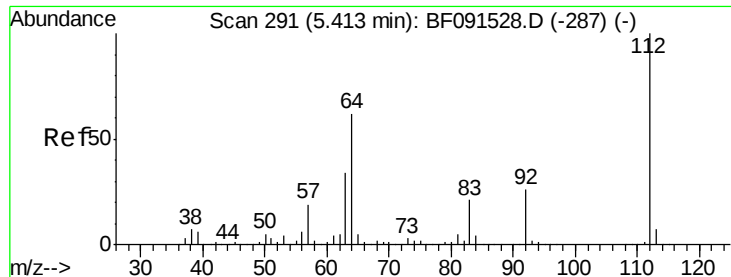
Ion Ratio Lower Upper

42 100

74 134.6 78.9 118.3#

44 6.6 5.8 8.6





#5

2-Fluorophenol

Concen: 44.71 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.02 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

Instrument :

BNA_F

ClientSampleId :

IDW-SOIL-01MSD

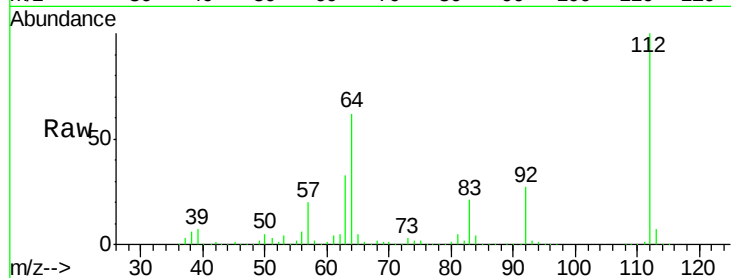
Tgt Ion: 112 Resp: 1954148

Ion Ratio Lower Upper

112 100

64 61.8 61.5 92.3

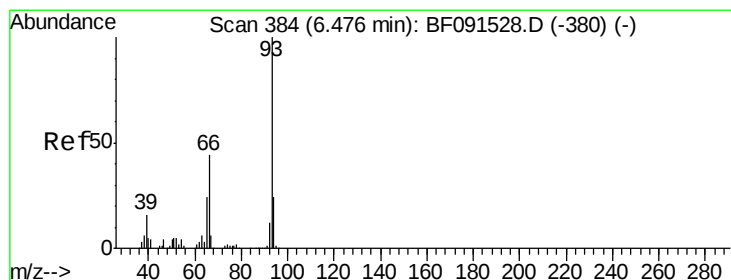
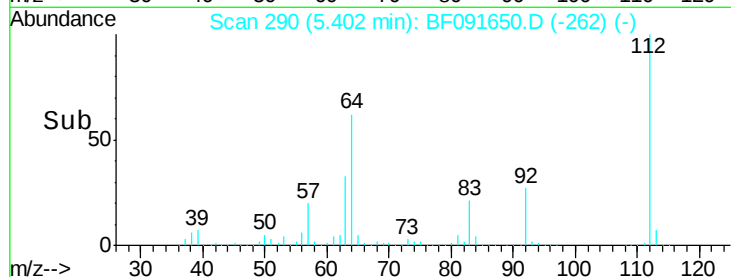
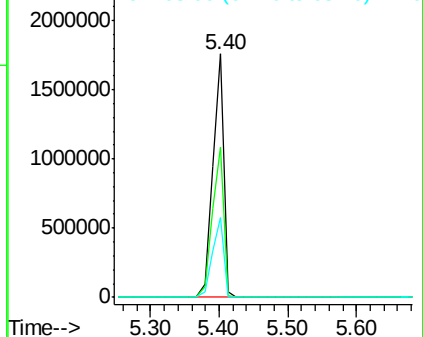
63 32.6 33.3 49.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 10.18 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.08 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

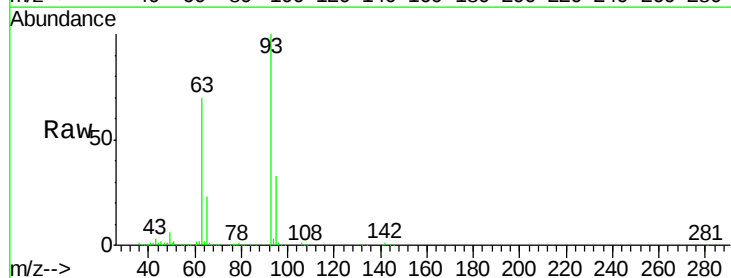
Tgt Ion: 93 Resp: 727494

Ion Ratio Lower Upper

93 100

66 0.7 55.8 83.6#

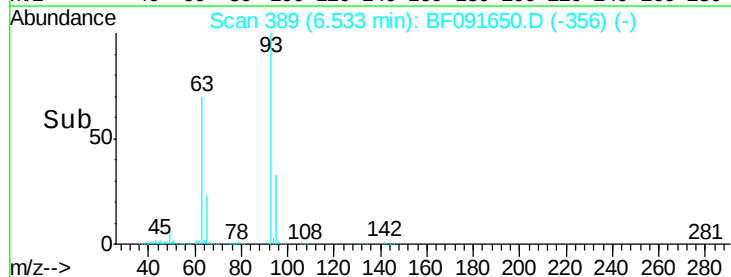
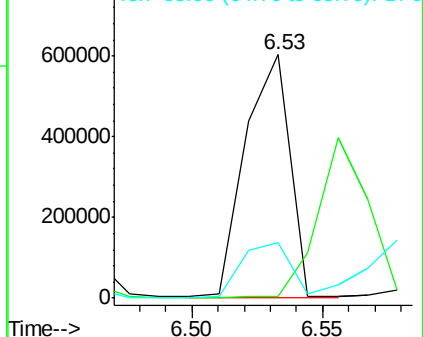
65 22.9 29.9 44.9#

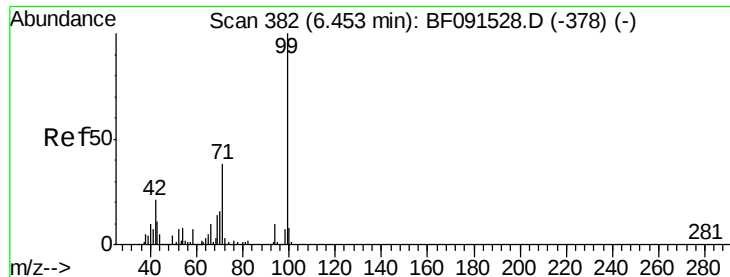


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 45.55 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.01 min

Lab File: BF091650.D

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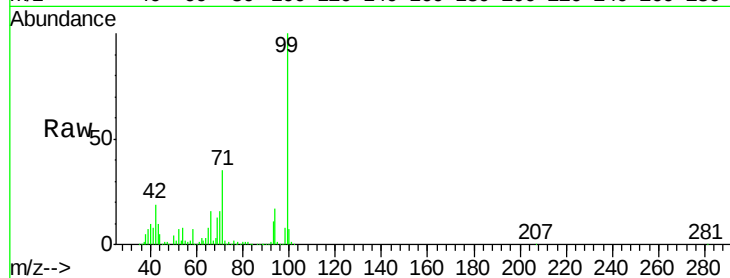
Tgt Ion: 99 Resp: 2481911

Ion Ratio Lower Upper

99 100

42 19.2 20.6 31.0#

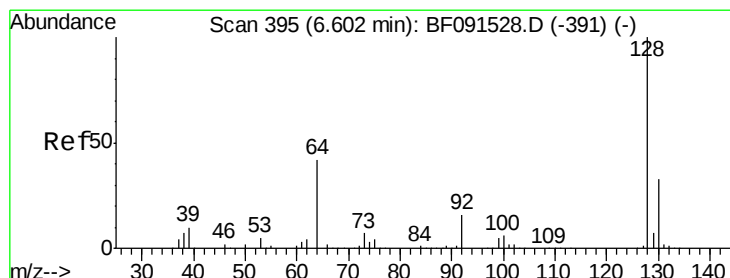
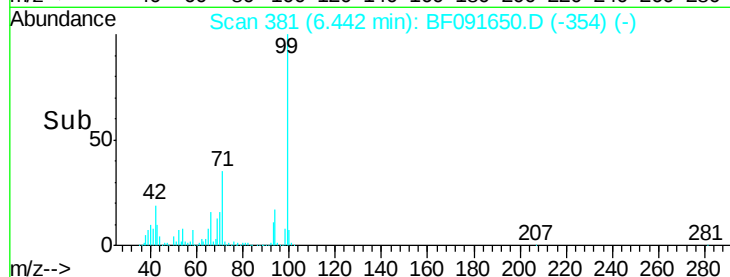
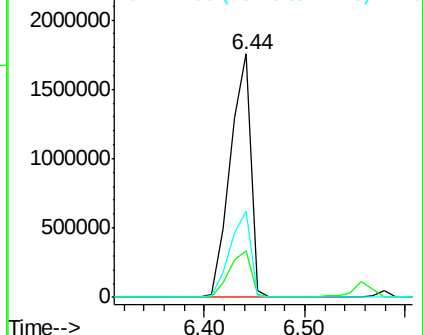
71 35.4 29.9 44.9



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 14.96 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

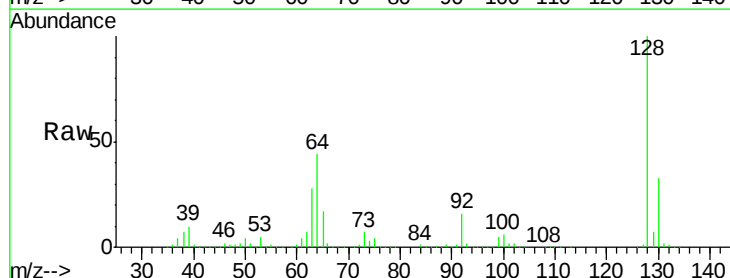
Tgt Ion: 128 Resp: 737919

Ion Ratio Lower Upper

128 100

130 33.3 13.1 53.1

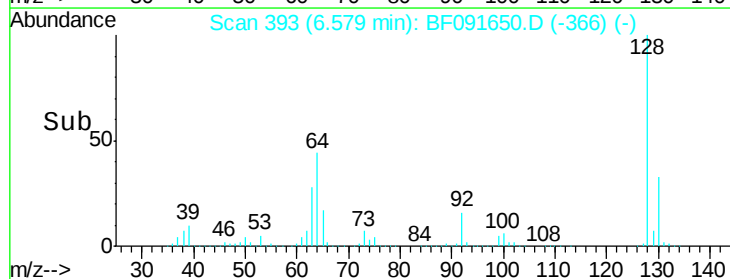
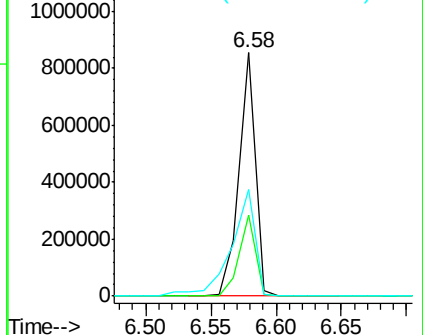
64 43.6 24.1 64.1

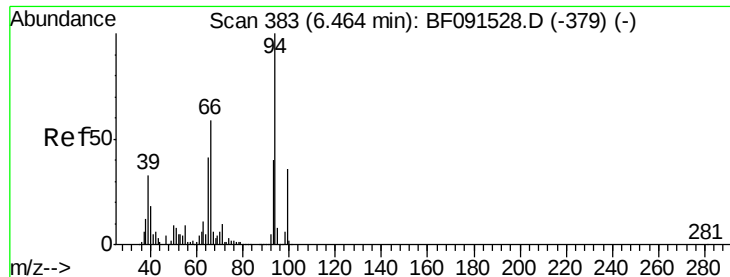


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 18.60 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF091650.D

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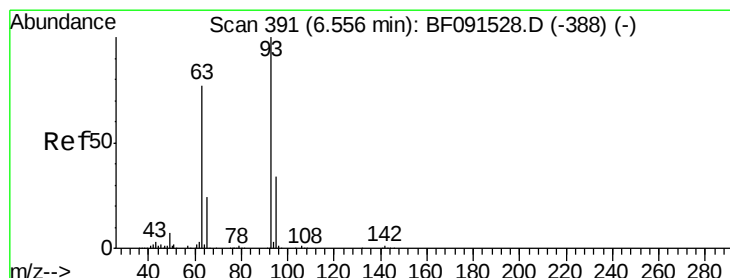
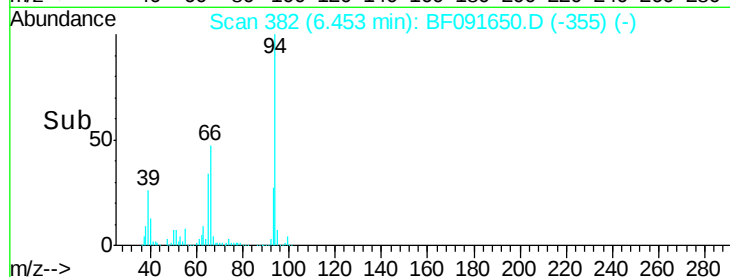
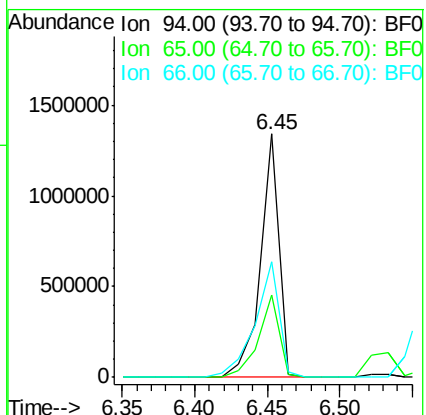
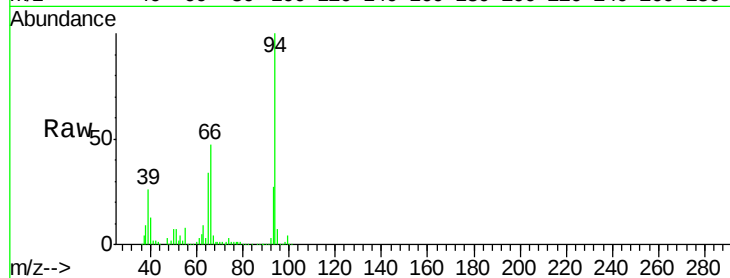
Tgt Ion: 94 Resp: 1185128

Ion Ratio Lower Upper

94 100

65 33.6 16.9 56.9

66 47.4 30.6 70.6



#11

bis(2-Chloroethyl)ether

Concen: 15.20 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

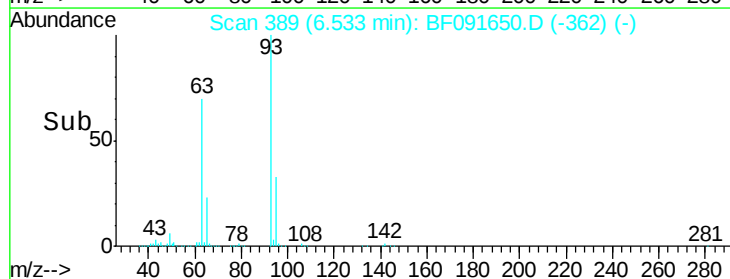
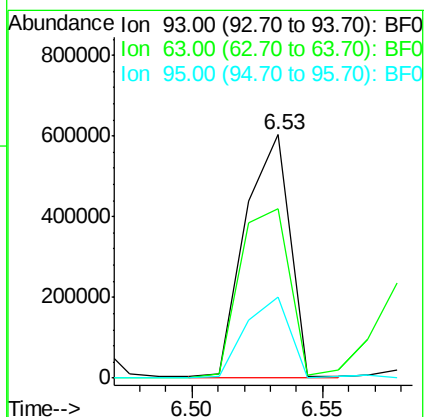
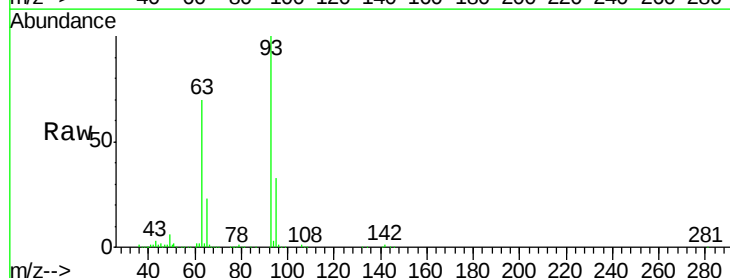
Tgt Ion: 93 Resp: 727494

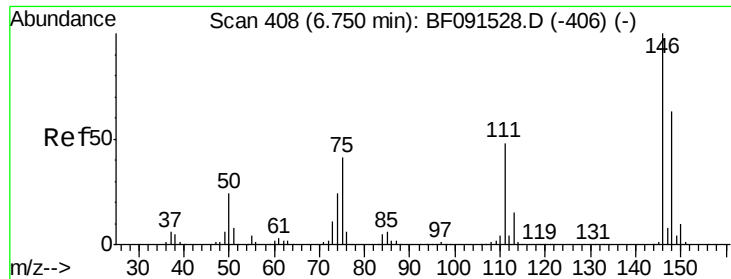
Ion Ratio Lower Upper

93 100

63 69.7 74.8 114.8#

95 33.2 12.4 52.4

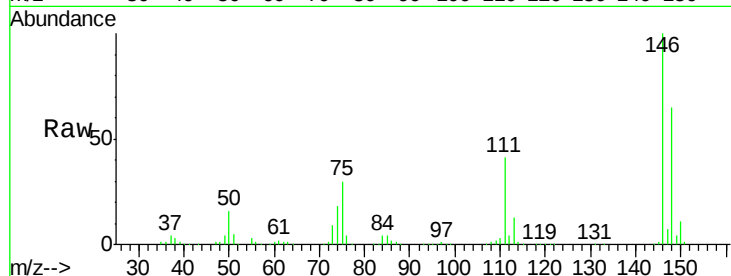




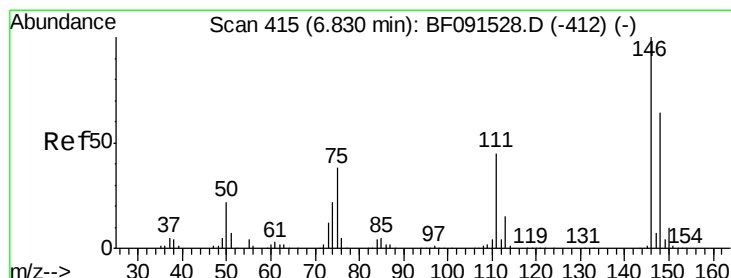
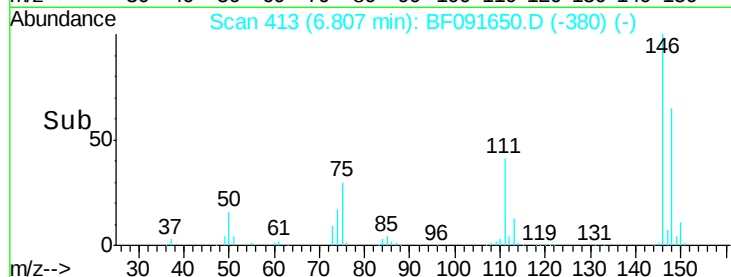
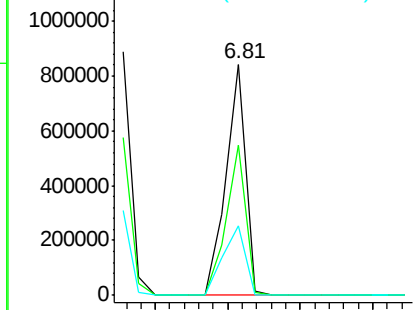
#12
 1,3-Dichlorobenzene
 Concen: 14.82 ng
 RT: 6.81 min Scan# 413
 Delta R.T. 0.08 min
 Lab File: BF091650.D
 Acq: 16 Dec 2016 1:18

Instrument :
 BNA_F
 ClientSampleId :
 IDW-SOIL-01MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.4	77.0
75	30.3	23.6	35.4

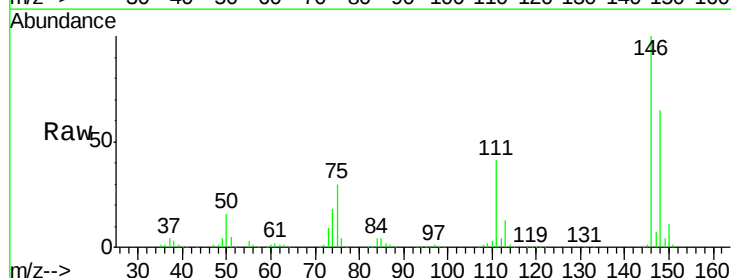


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

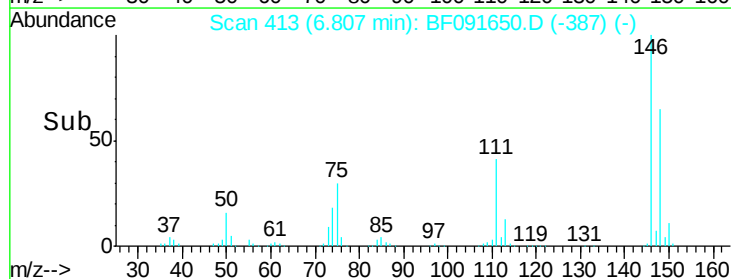
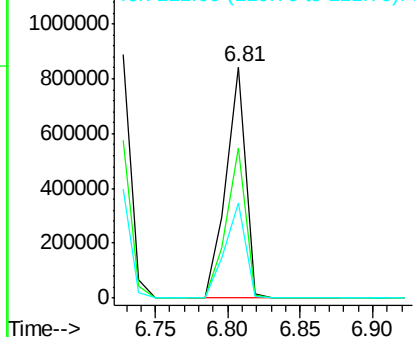


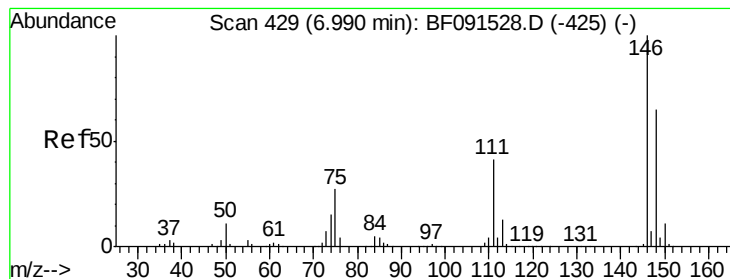
#13
 1,4-Dichlorobenzene
 Concen: 15.03 ng
 RT: 6.81 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BF091650.D
 Acq: 16 Dec 2016 1:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.4	77.0
111	41.1	32.2	48.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 13.61 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

Instrument :

BNA_F

ClientSampleId :

IDW-SOIL-01MSD

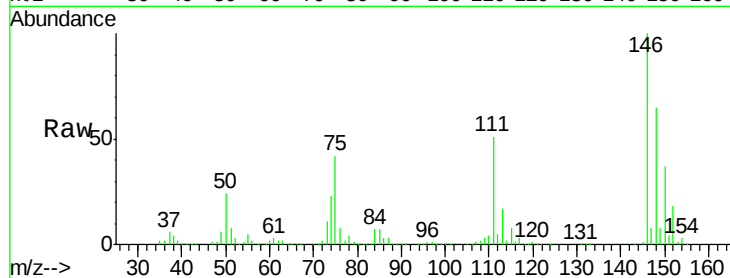
Tgt Ion:146 Resp: 647280

Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.6

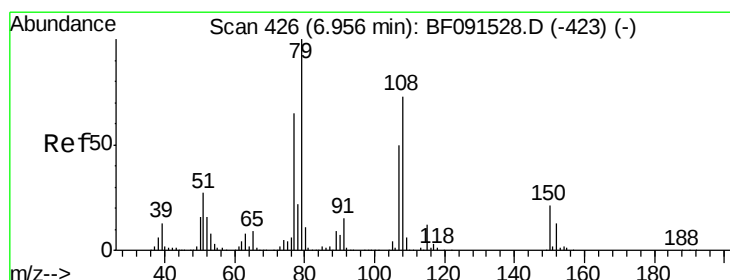
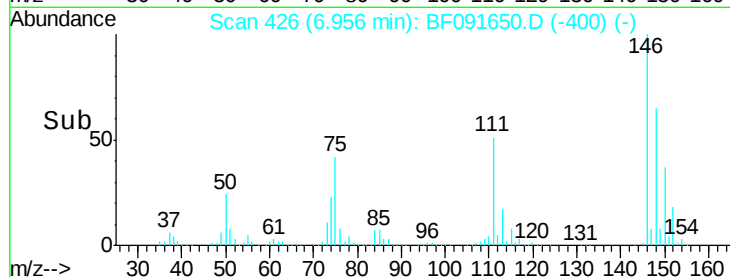
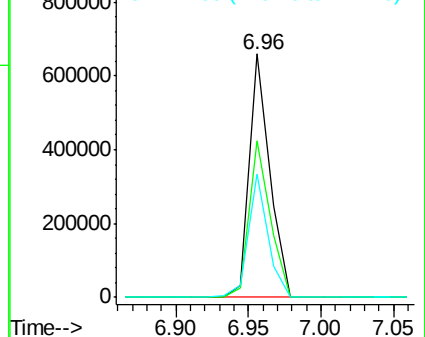
111 50.7 38.9 58.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 13.67 ng

RT: 6.93 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

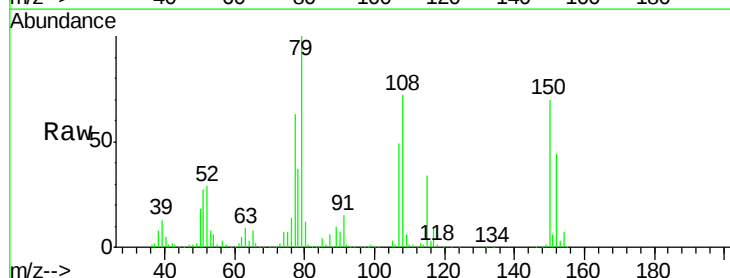
Tgt Ion: 79 Resp: 588172

Ion Ratio Lower Upper

79 100

108 71.8 62.7 94.1

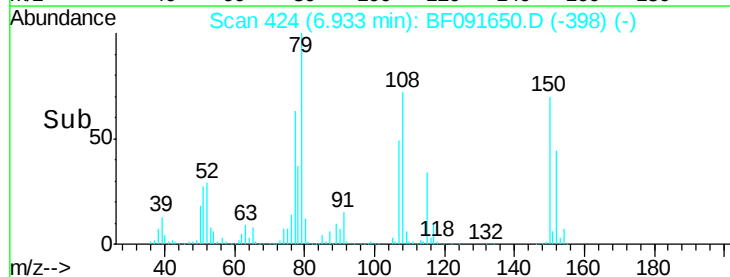
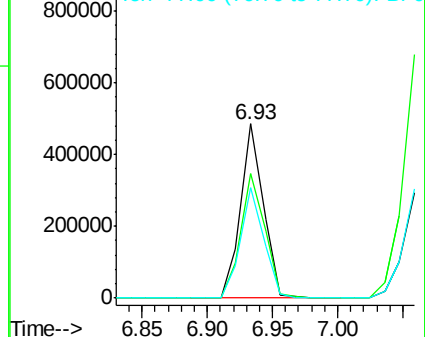
77 63.3 51.7 77.5

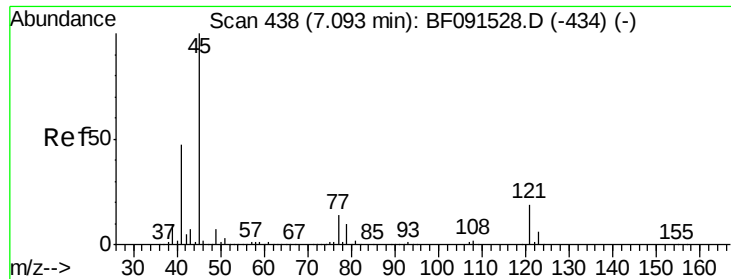


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

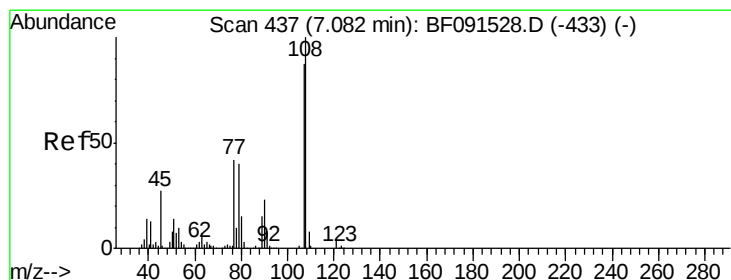
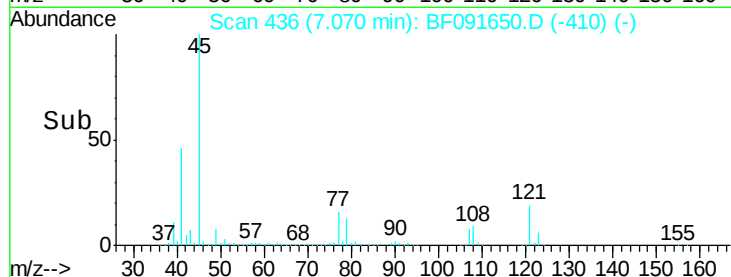
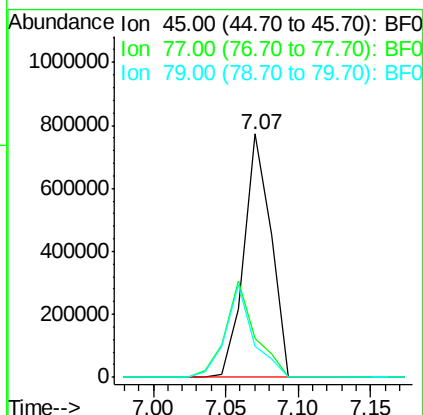
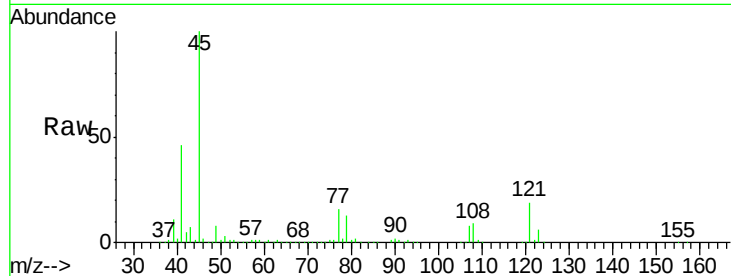




#16
2,2'-oxybis(1-Chloropropane)
Concen: 13.43 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

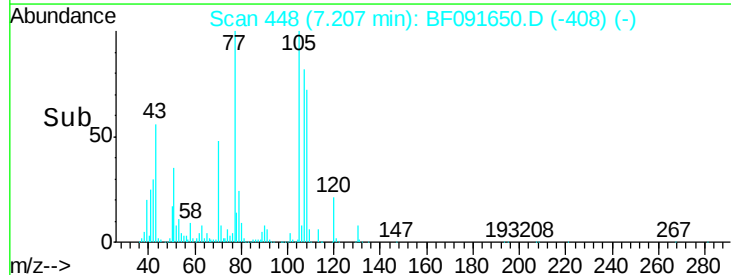
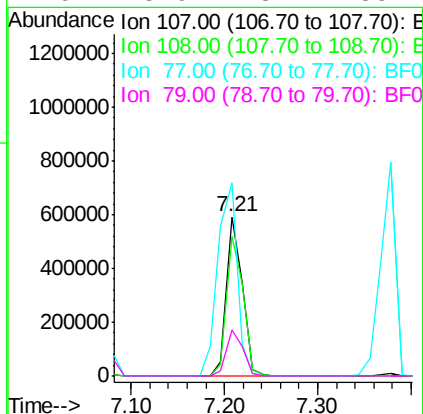
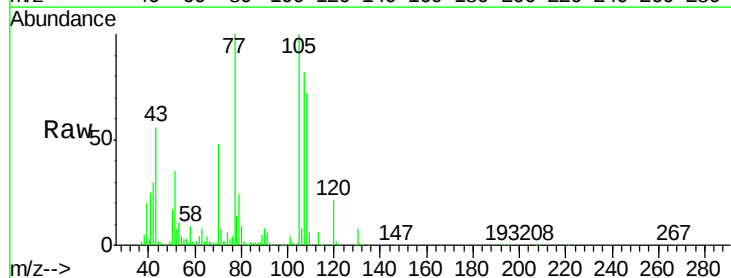
Instrument :
BNA_F
ClientSampleId :
IDW-SOIL-01MSD

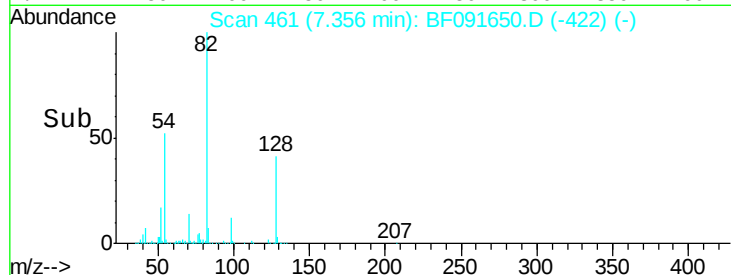
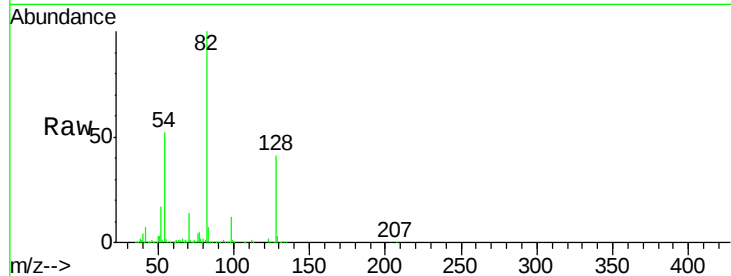
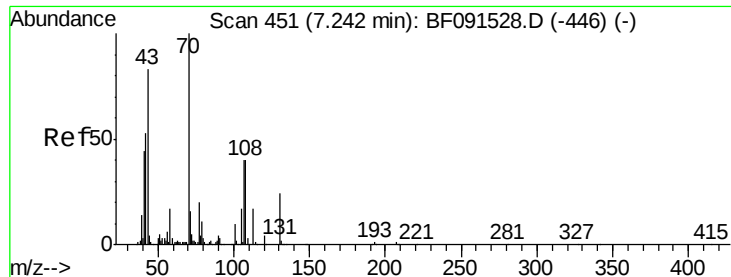
Tgt Ion: 45 Resp: 995709
Ion Ratio Lower Upper
45 100
77 16.1 3.8 43.8
79 13.1 0.2 40.2



#17
2-Methylphenol
Concen: 17.22 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.16 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

Tgt Ion: 107 Resp: 703012
Ion Ratio Lower Upper
107 100
108 87.7 67.7 101.5
77 121.6 40.7 61.1#
79 28.9 23.4 35.2

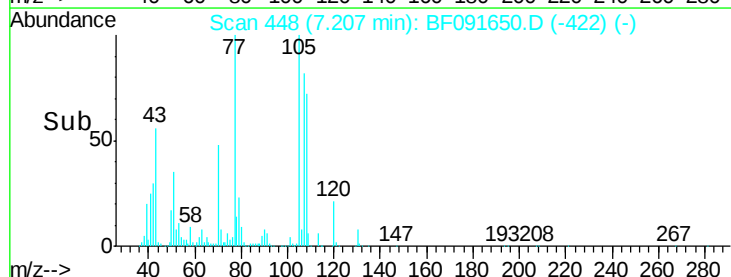
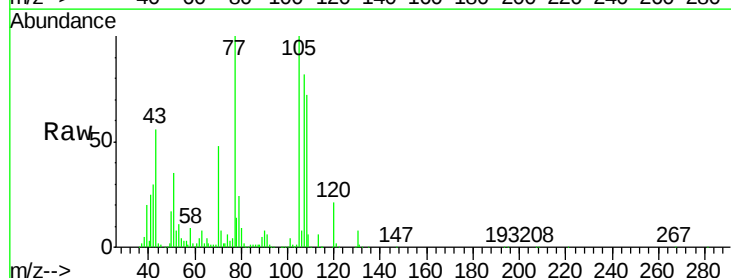
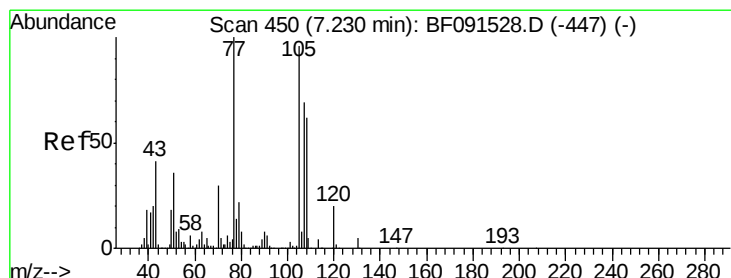
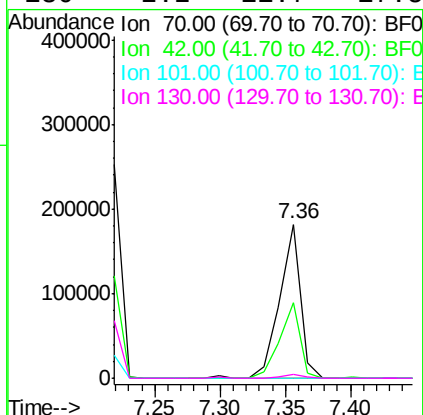




#19
n-Nitroso-di-n-propylamine
Concen: 6.05 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.15 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

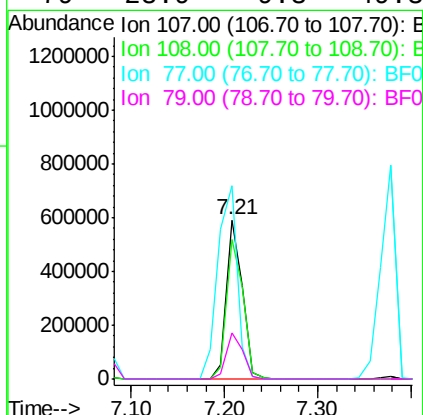
Instrument :
BNA_F
ClientSampleId :
IDW-SOIL-01MSD

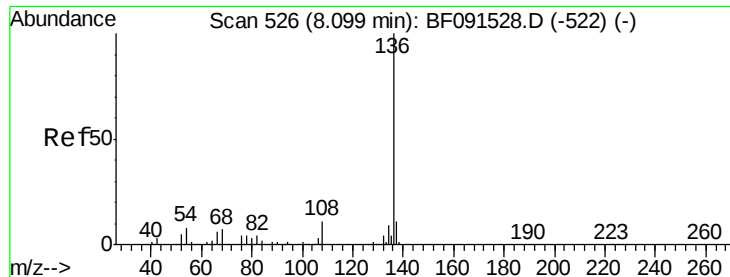
Tgt Ion:	70	Resp:	206215
Ion	Ratio	Lower	Upper
70	100		
42	49.3	64.8	97.2#
101	0.0	6.2	9.4#
130	2.2	11.7	17.5#



#20
3+4-Methylphenols
Concen: 13.78 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

Tgt Ion:	107	Resp:	703012
Ion	Ratio	Lower	Upper
107	100		
108	87.7	64.6	104.6
77	121.6	30.9	70.9#
79	28.9	9.3	49.3

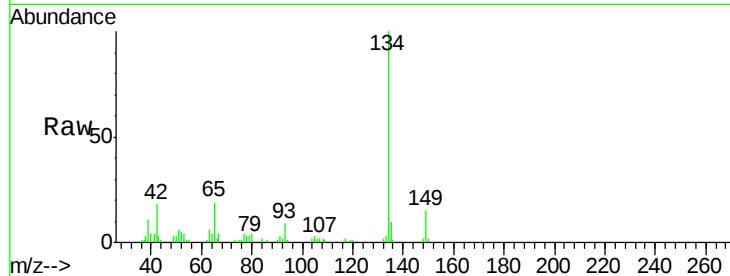




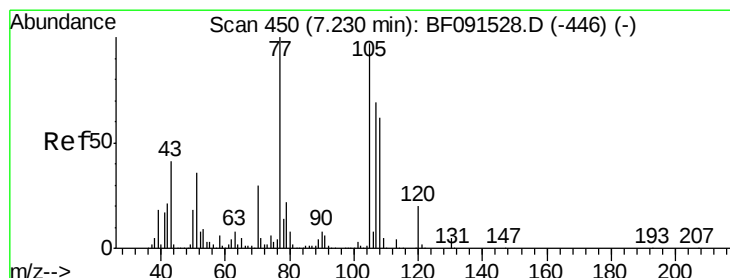
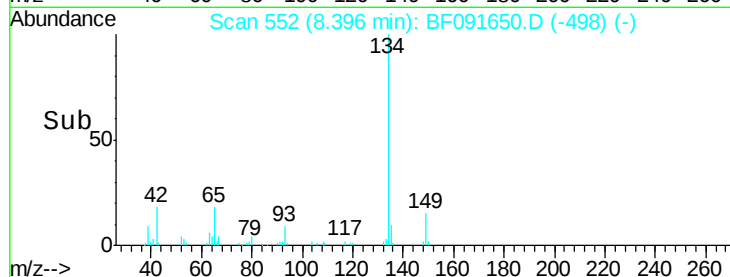
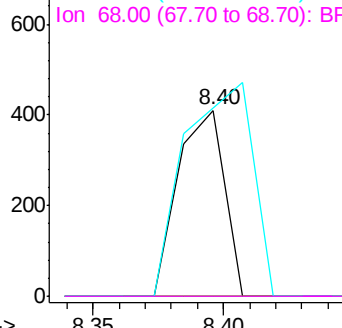
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.40 min Scan# 552
Delta R.T. 0.32 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

Instrument :
BNA_F
ClientSampleId :
IDW-SOIL-01MSD

Tgt Ion:	136	Resp:	511
Ion Ratio	Lower	Upper	
136	100		
137	0.0	9.1	13.7#
54	101.5	9.1	13.7#
68	0.0	5.9	8.9#

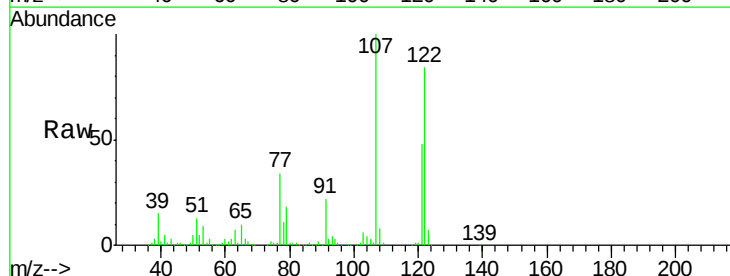


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

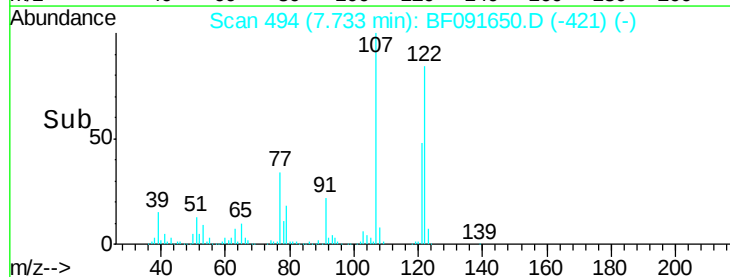
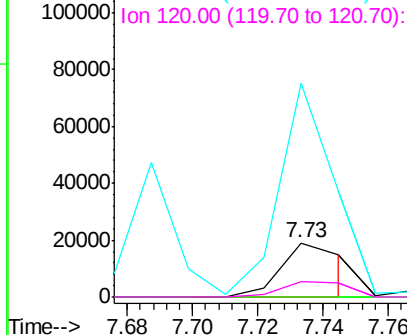


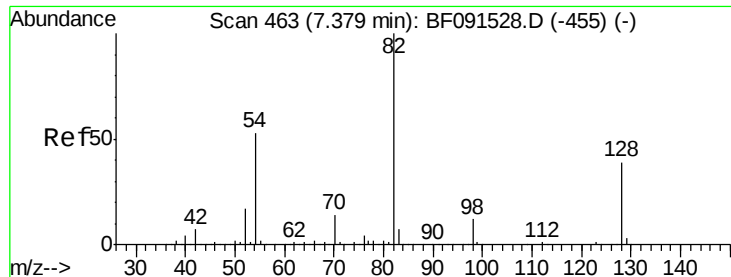
#22
Acetophenone
Concen: 2080.82 ng
RT: 7.73 min Scan# 494
Delta R.T. 0.54 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

Tgt Ion:	105	Resp:	25476
Ion Ratio	Lower	Upper	
105	100		
71	0.0	7.9	11.9#
51	393.3	24.5	36.7#
120	28.0	16.6	24.8#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

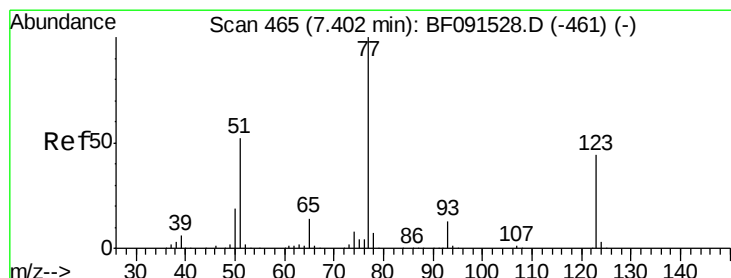
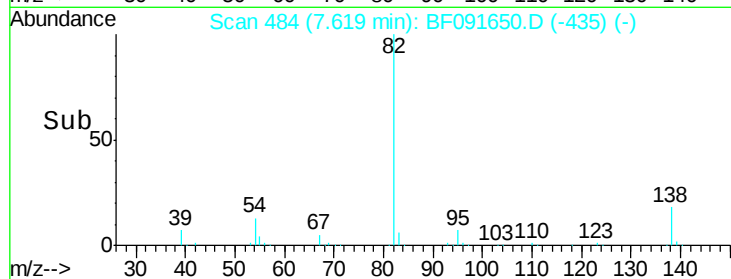
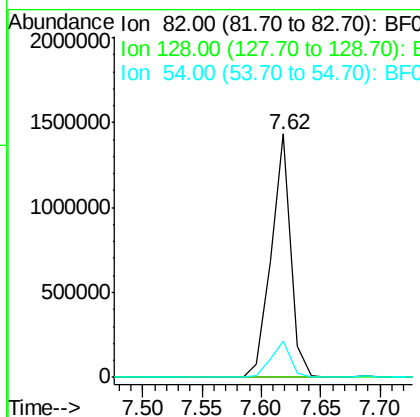
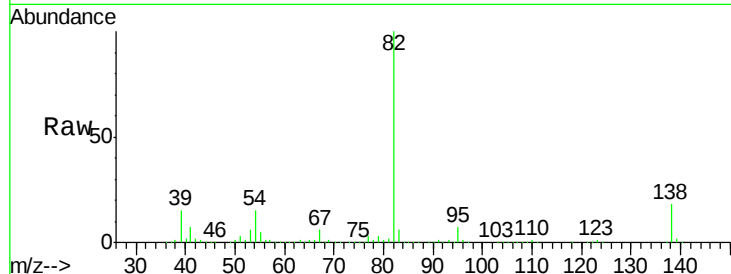




#23
Nitrobenzene-d5
Concen: 179257.29 ng
RT: 7.62 min Scan# 484
Delta R.T. 0.26 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

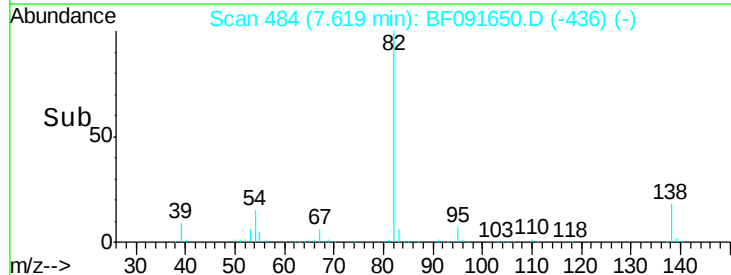
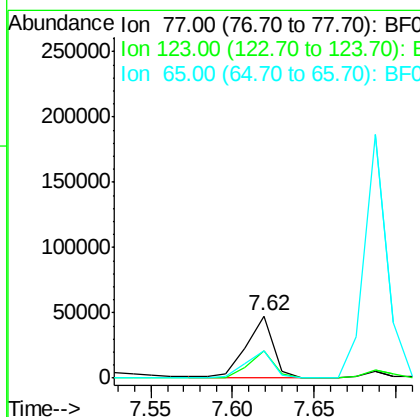
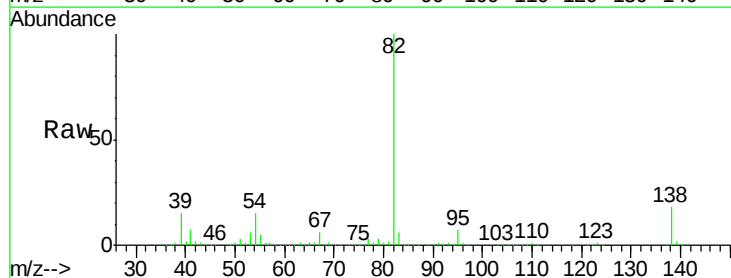
Instrument :
BNA_F
ClientSampleId :
IDW-SOIL-01MSD

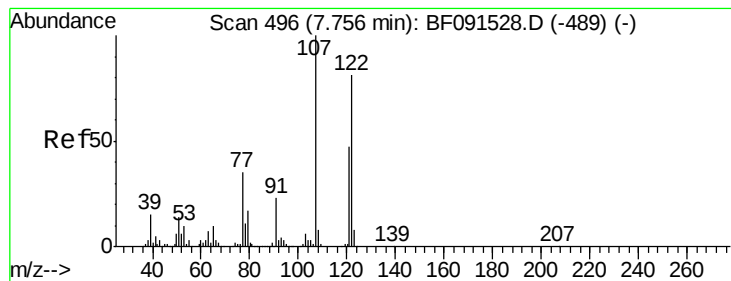
Tgt Ion: 82 Resp: 1641210
Ion Ratio Lower Upper
82 100
128 0.0 31.8 47.6#
54 15.1 49.1 73.7#



#24
Nitrobenzene
Concen: 5570.16 ng
RT: 7.62 min Scan# 484
Delta R.T. 0.25 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

Tgt Ion: 77 Resp: 53882
Ion Ratio Lower Upper
77 100
123 43.2 28.5 42.7#
65 44.6 12.5 18.7#





#27

2,4-Dimethylphenol

Concen: 1997.26 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.48 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

Instrument :

BNA_F

ClientSampleId :

IDW-SOIL-01MSD

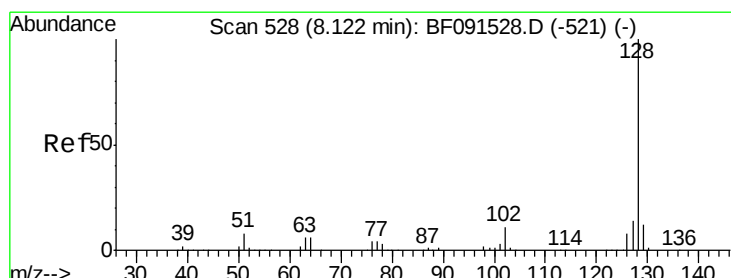
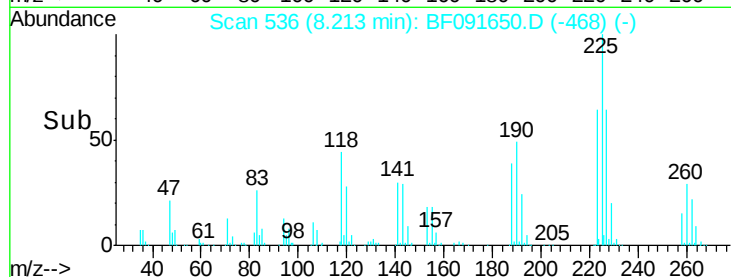
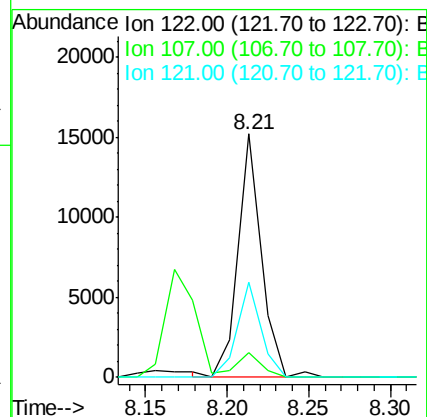
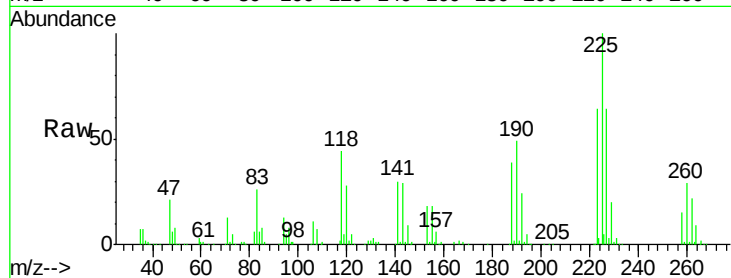
Tgt Ion:122 Resp: 14977

Ion Ratio Lower Upper

122 100

107 10.1 96.8 145.2#

121 39.2 47.7 71.5#



#31

Naphthalene

Concen: 695.30 ng

RT: 8.14 min Scan# 530

Delta R.T. 0.05 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

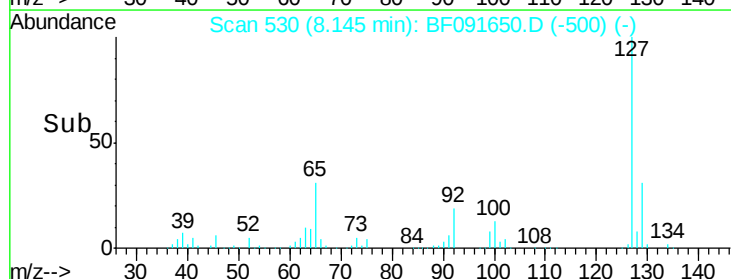
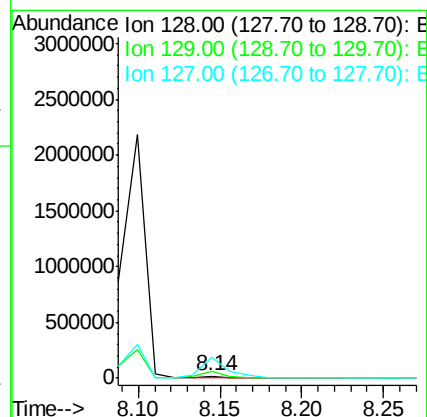
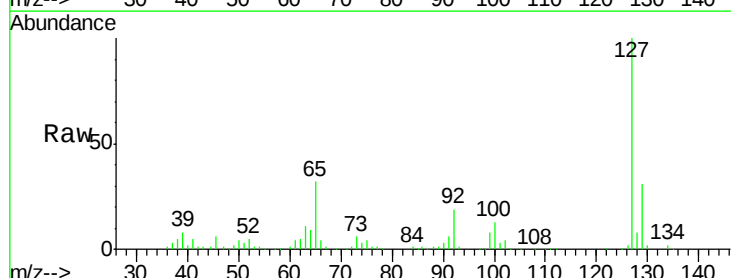
Tgt Ion:128 Resp: 16531

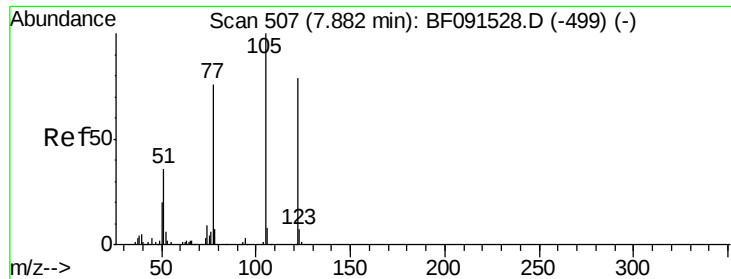
Ion Ratio Lower Upper

128 100

129 394.0 9.1 13.7#

127 1254.9 11.0 16.4#

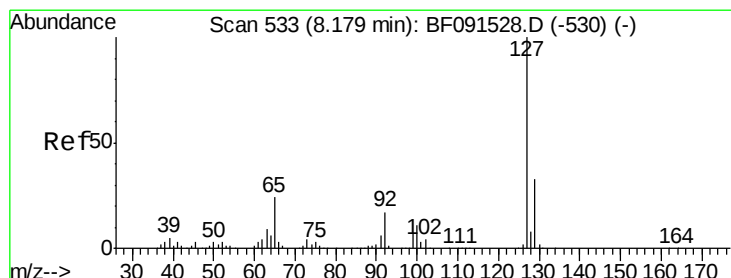
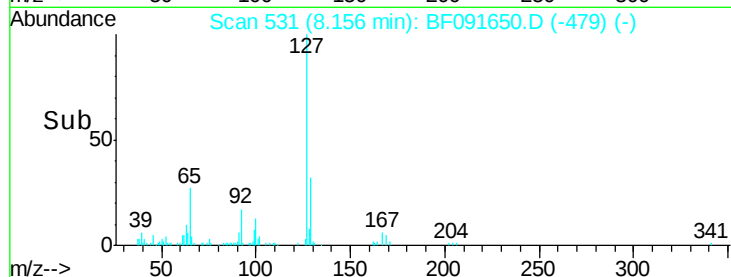
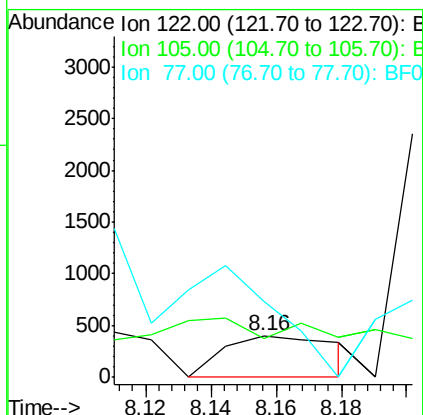
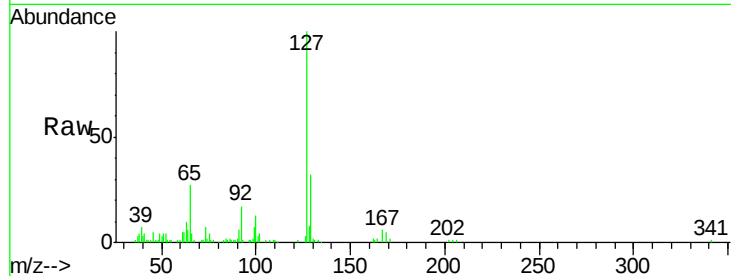




#32
Benzoic acid
Concen: 166.10 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.30 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

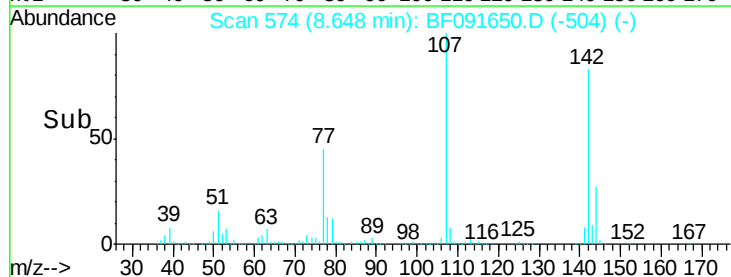
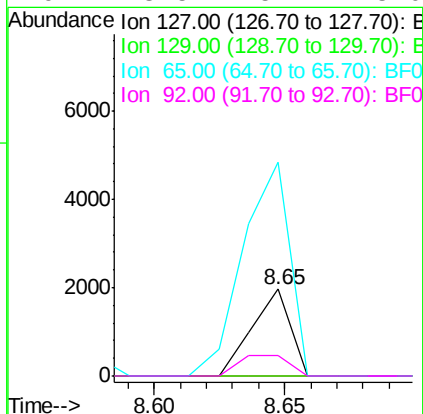
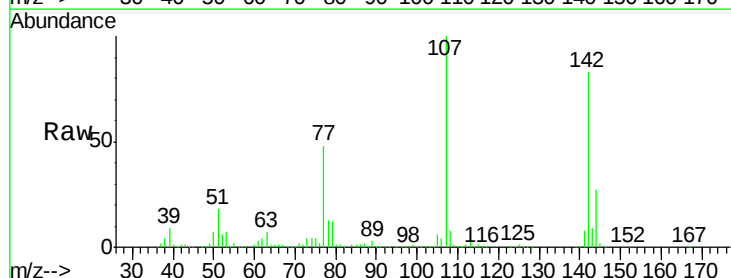
Instrument :
BNA_F
ClientSampleId :
IDW-SOIL-01MSD

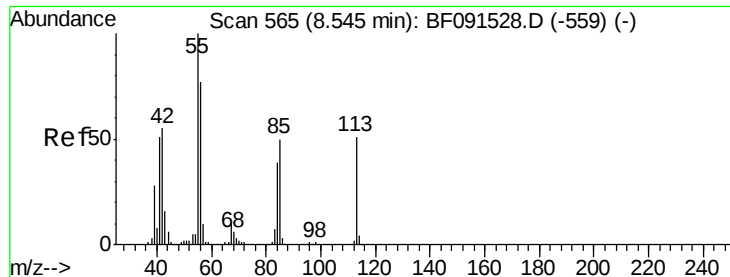
Tgt Ion:122 Resp: 966
Ion Ratio Lower Upper
122 100
105 92.5 113.0 153.0#
77 182.0 82.0 122.0#



#33
4-Chloroaniline
Concen: 197.60 ng
RT: 8.65 min Scan# 574
Delta R.T. 0.50 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

Tgt Ion:127 Resp: 2024
Ion Ratio Lower Upper
127 100
129 0.0 26.2 39.4#
65 246.6 26.6 39.8#
92 23.5 15.4 23.0#

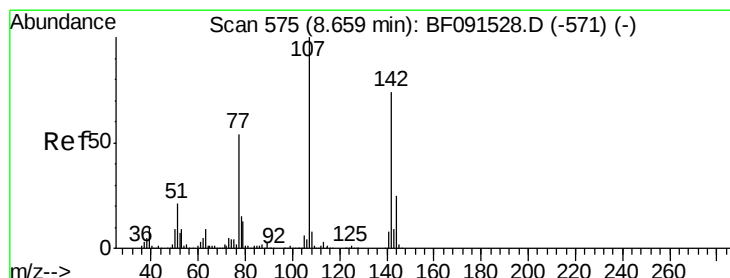
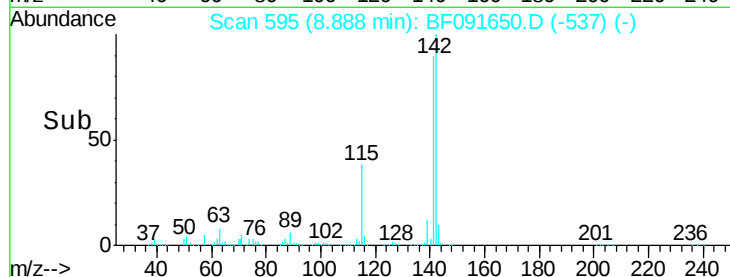
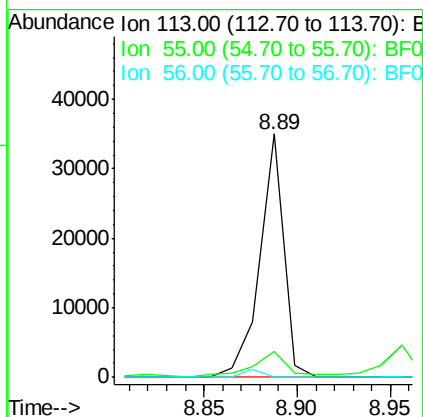
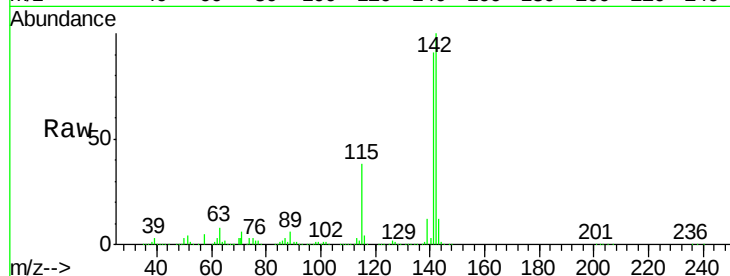




#35
 Caprolactam
 Concen: 16553.17 ng
 RT: 8.89 min Scan# 595
 Delta R.T. 0.37 min
 Lab File: BF091650.D
 Acq: 16 Dec 2016 1:18

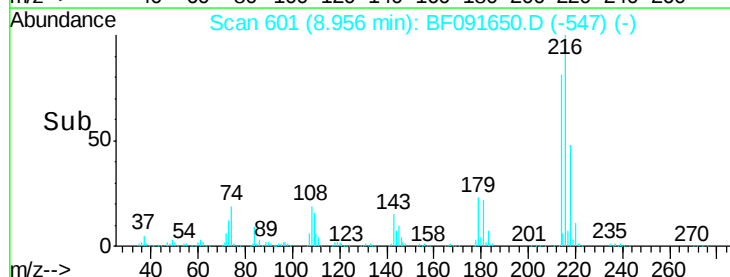
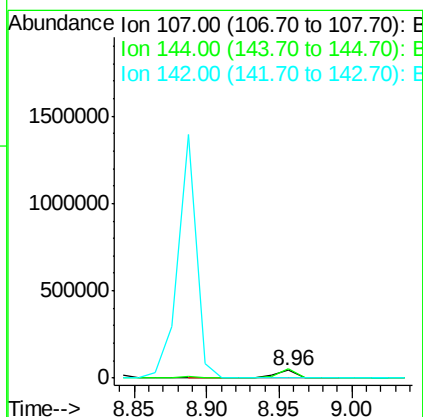
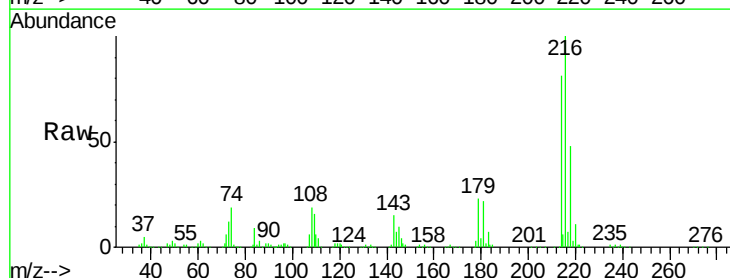
Instrument :
 BNA_F
 ClientSampleId :
 IDW-SOIL-01MSD

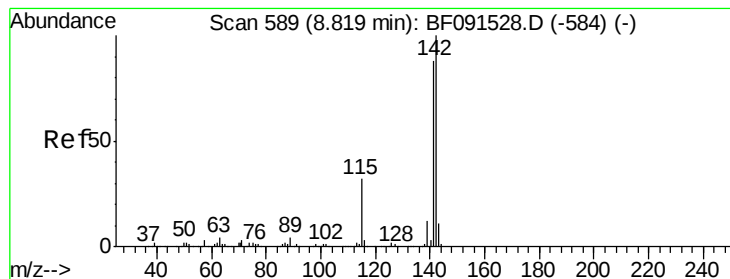
Tgt Ion:113 Resp: 31539
 Ion Ratio Lower Upper
 113 100
 55 10.6 239.8 279.8#
 56 0.0 165.6 205.6#



#36
 4-Chloro-3-methylphenol
 Concen: 6386.71 ng
 RT: 8.96 min Scan# 601
 Delta R.T. 0.32 min
 Lab File: BF091650.D
 Acq: 16 Dec 2016 1:18

Tgt Ion:107 Resp: 46732
 Ion Ratio Lower Upper
 107 100
 144 109.5 18.9 28.3#
 142 11.4 58.5 87.7#





#37

2-Methylnaphthalene

Concen: 80720.67 ng

RT: 8.89 min Scan# 595

Delta R.T. 0.10 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

Instrument :

BNA_F

ClientSampleId :

IDW-SOIL-01MSD

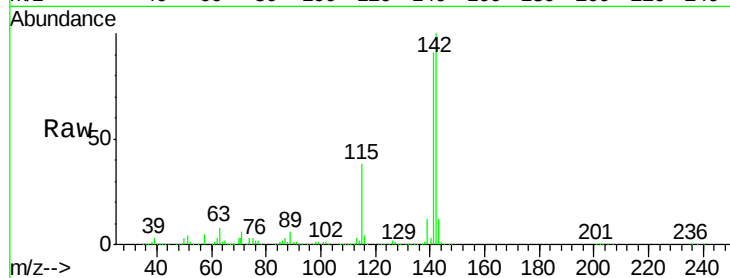
Tgt Ion:142 Resp: 1242159

Ion Ratio Lower Upper

142 100

141 91.5 71.7 107.5

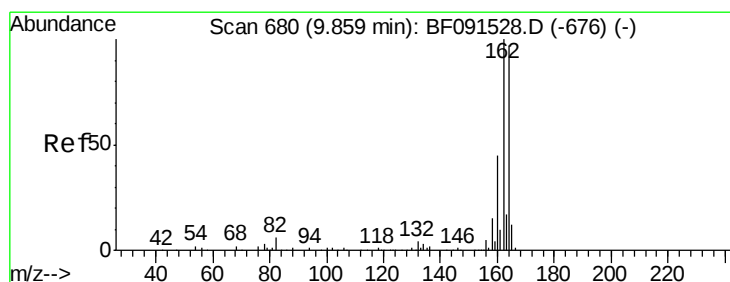
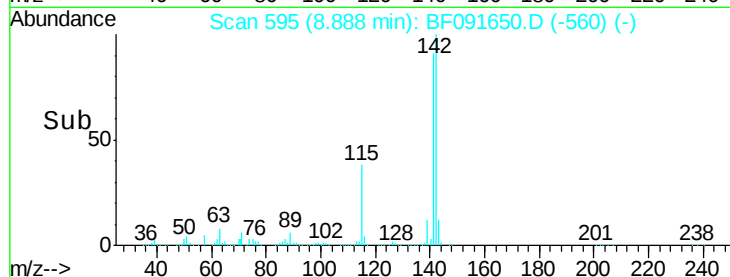
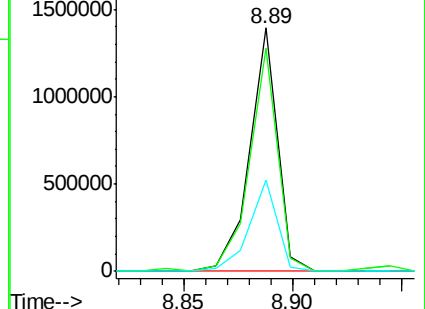
115 37.7 25.0 37.6#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.46 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

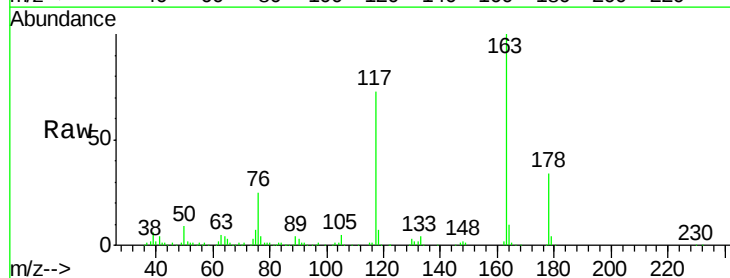
Tgt Ion:164 Resp: 21818

Ion Ratio Lower Upper

164 100

162 21.9 82.6 124.0#

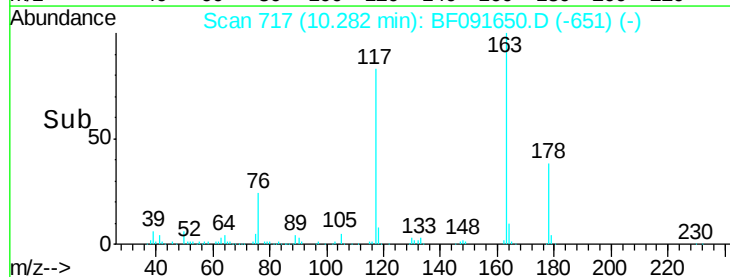
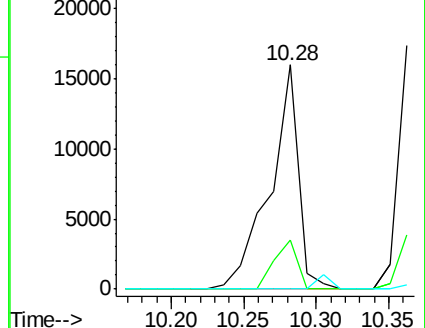
160 0.0 36.7 55.1#

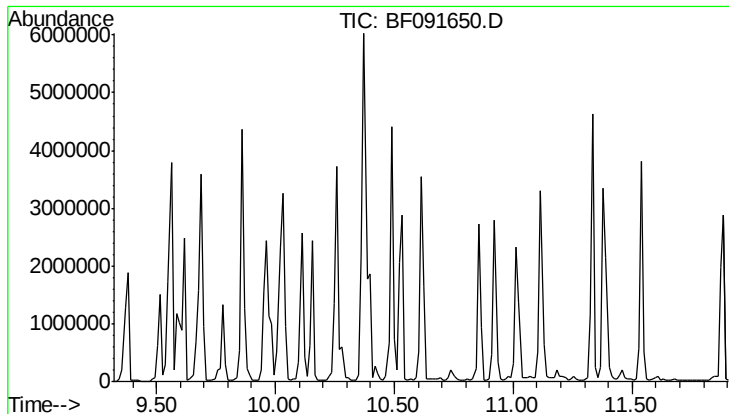


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

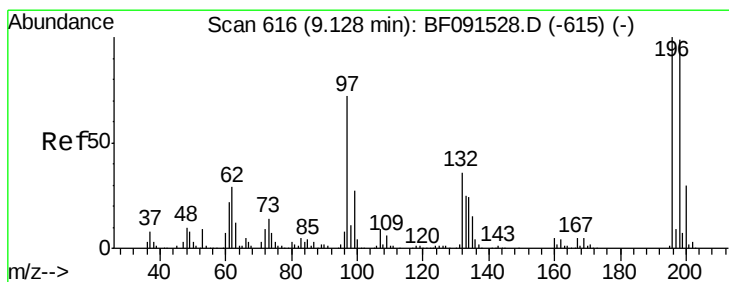
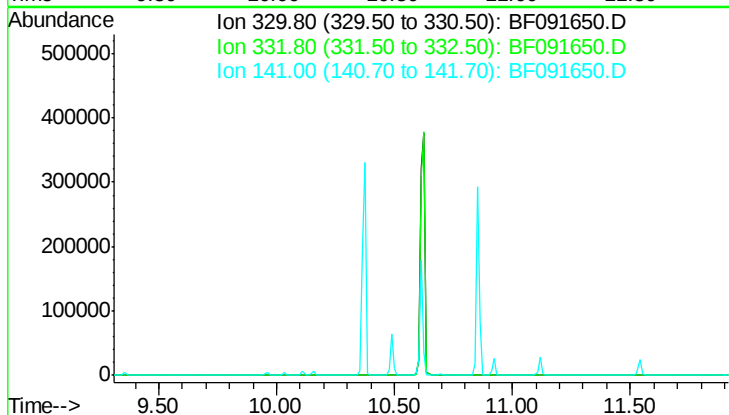




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.61 min
 Lab File: BF091650.D
 Acq: 16 Dec 2016 1:18

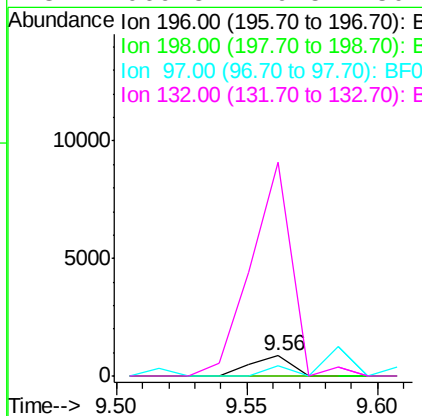
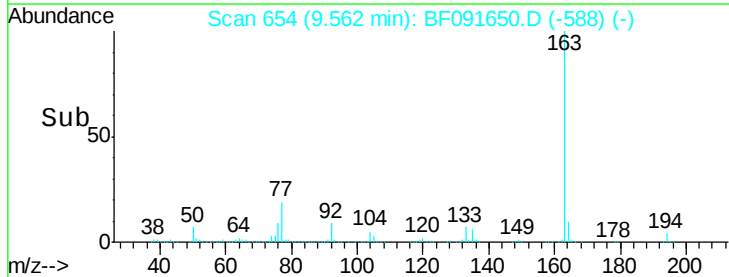
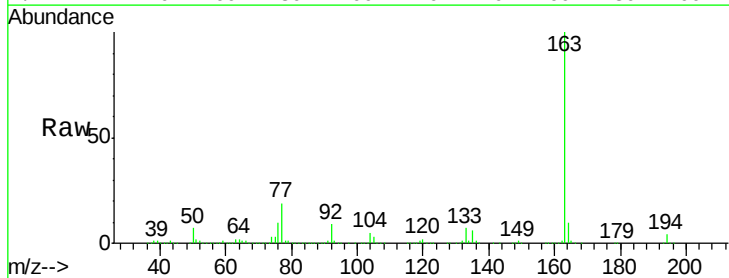
Instrument :
 BNA_F
 ClientSampleId :
 IDW-SOIL-01MSD

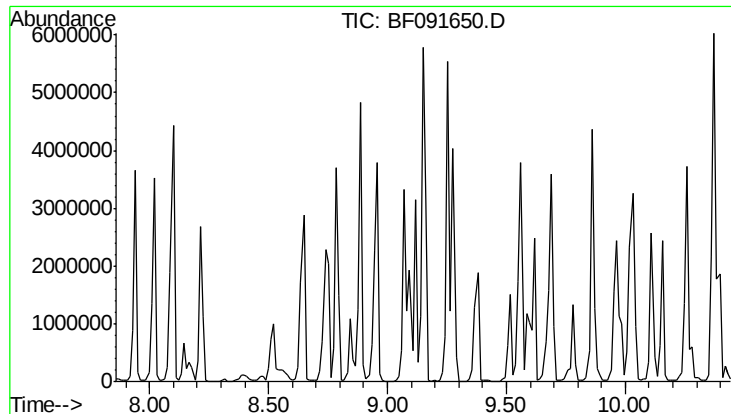
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 95.3
 141 42.0



#43
 2,4,5-Trichlorophenol
 Concen: 2.31 ng
 RT: 9.56 min Scan# 654
 Delta R.T. 0.46 min
 Lab File: BF091650.D
 Acq: 16 Dec 2016 1:18

Tgt Ion: 196 Resp: 913
 Ion Ratio Lower Upper
 196 100
 198 0.0 77.0 115.6#
 97 53.1 33.5 50.3#
 132 1069.5 20.5 30.7#

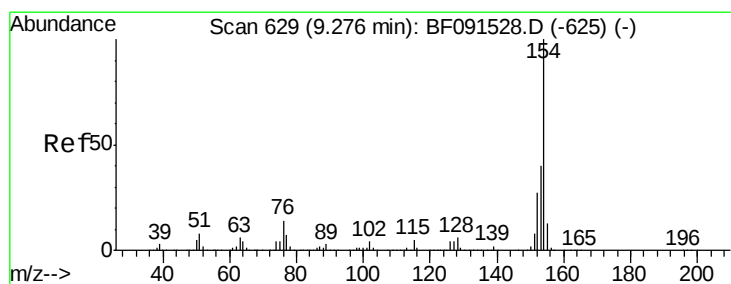
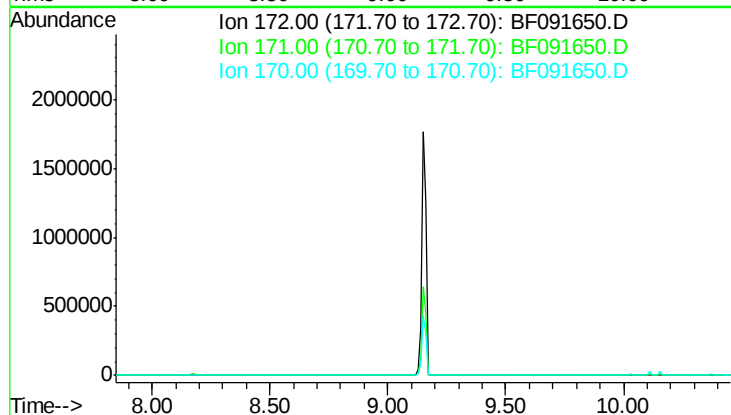




#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 9.15 min
 Lab File: BF091650.D
 Acq: 16 Dec 2016 1:18

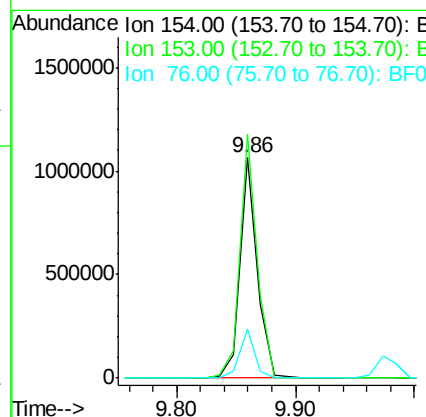
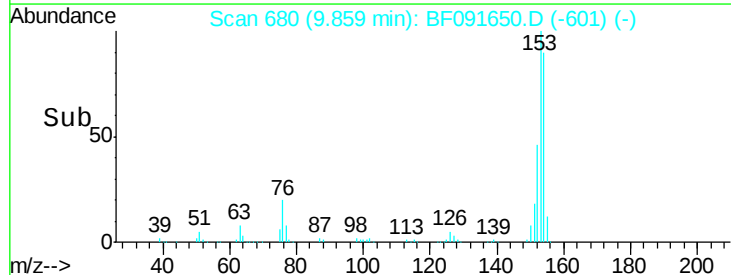
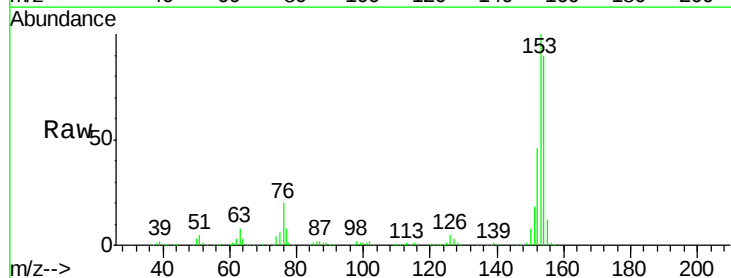
Instrument :
 BNA_F
 ClientSampleId :
 IDW-SOIL-01MSD

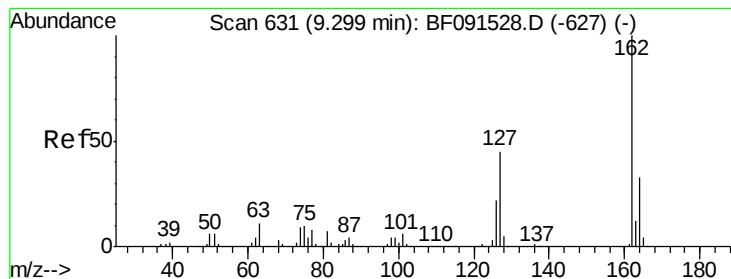
Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 36.7
 170 24.6



#45
 1,1'-Biphenyl
 Concen: 681.50 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.61 min
 Lab File: BF091650.D
 Acq: 16 Dec 2016 1:18

Tgt Ion: 154 Resp: 1076977
 Ion Ratio Lower Upper
 154 100
 153 110.7 20.6 60.6#
 76 22.2 0.0 36.6

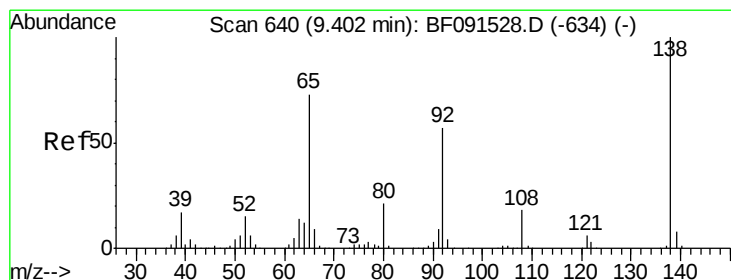
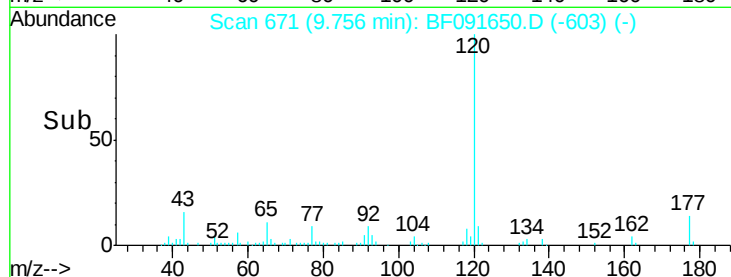
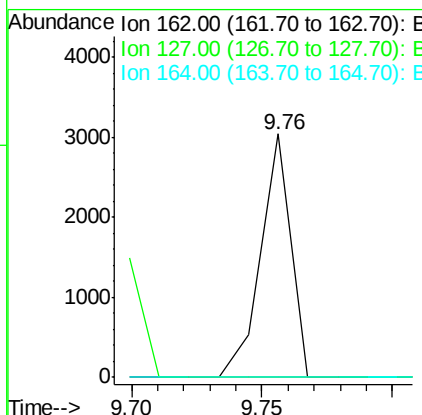
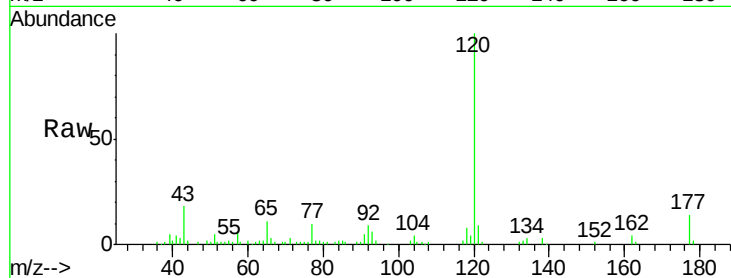




#46
 2-Chloronaphthalene
 Concen: 2.00 ng
 RT: 9.76 min Scan# 671
 Delta R.T. 0.48 min
 Lab File: BF091650.D
 Acq: 16 Dec 2016 1:18

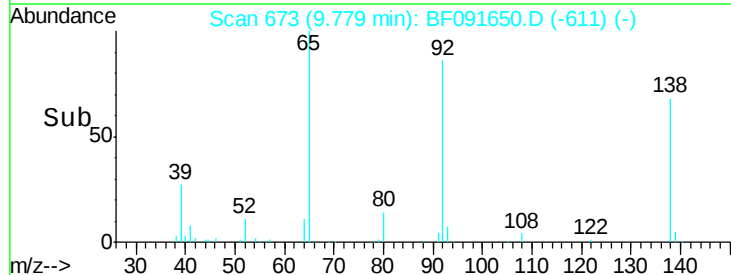
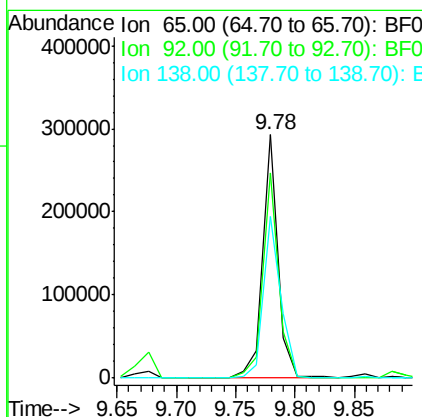
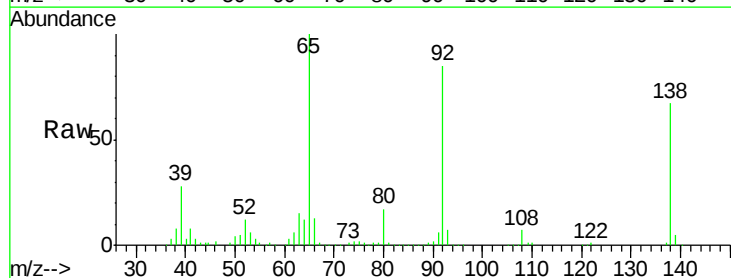
Instrument :
 BNA_F
 ClientSampleId :
 IDW-SOIL-01MSD

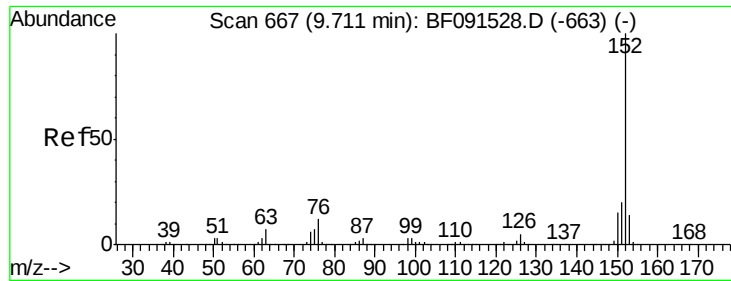
Tgt Ion: 162 Resp: 2451
 Ion Ratio Lower Upper
 162 100
 127 0.0 34.3 51.5#
 164 0.0 26.6 40.0#



#47
 2-Nitroaniline
 Concen: 651.74 ng
 RT: 9.78 min Scan# 673
 Delta R.T. 0.41 min
 Lab File: BF091650.D
 Acq: 16 Dec 2016 1:18

Tgt Ion: 65 Resp: 268198
 Ion Ratio Lower Upper
 65 100
 92 84.5 53.6 80.4#
 138 66.7 91.0 136.6#

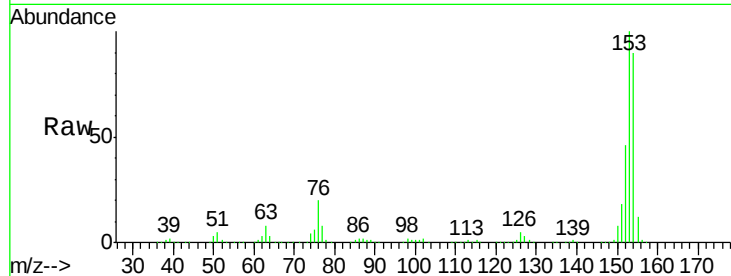




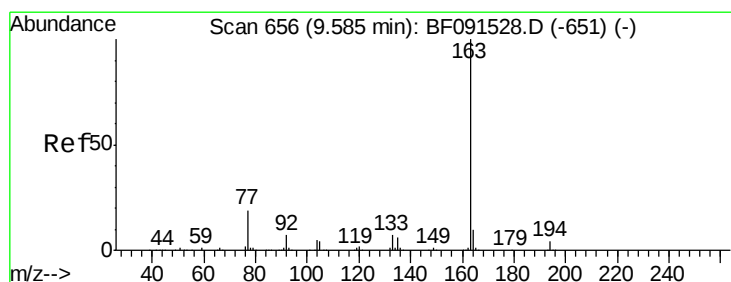
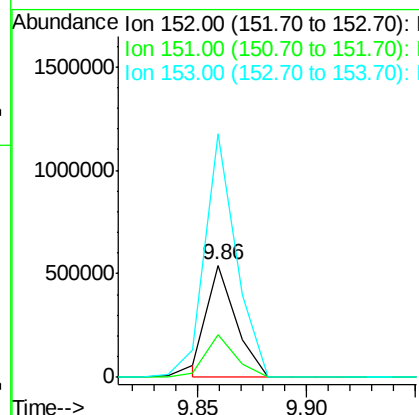
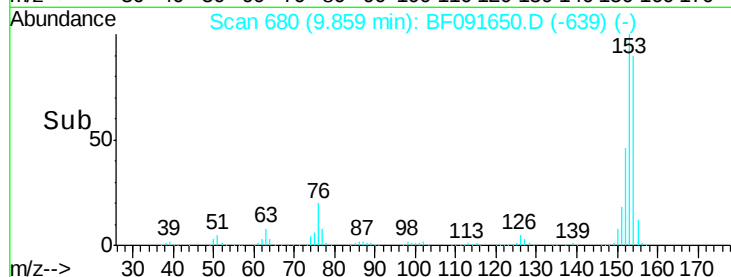
#48
Acenaphthylene
Concen: 266.51 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.17 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

Instrument :
BNA_F
ClientSampleId :
IDW-SOIL-01MSD

Tgt Ion:152 Resp: 497148
Ion Ratio Lower Upper
152 100
151 38.2 16.6 24.8#
153 216.6 10.7 16.1#

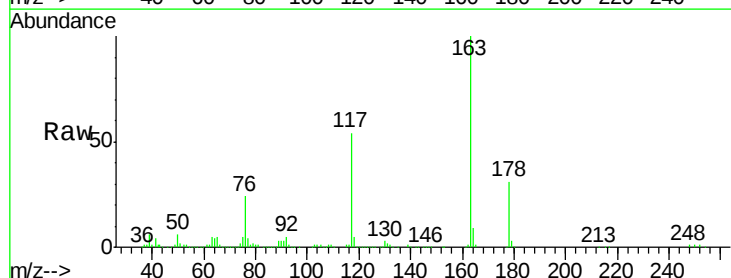


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

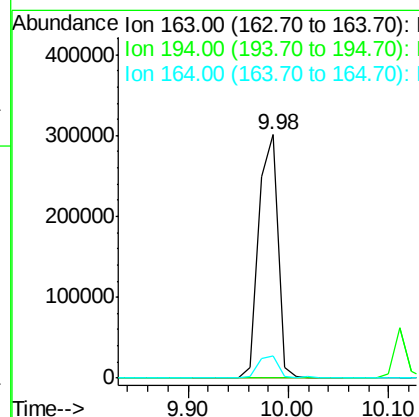
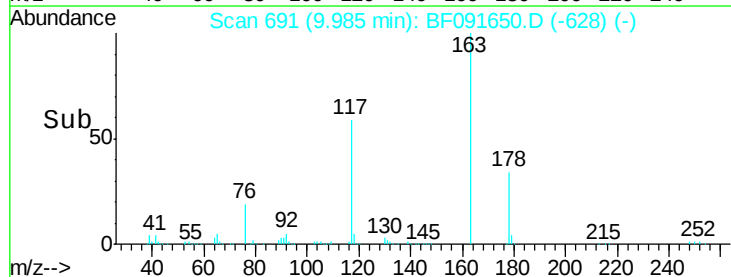


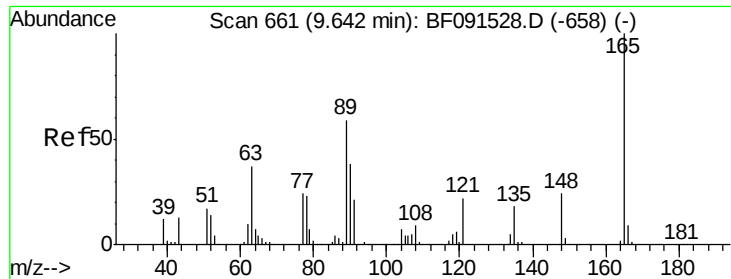
#49
Dimethylphthalate
Concen: 289.51 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.42 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

Tgt Ion:163 Resp: 399969
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 9.2 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

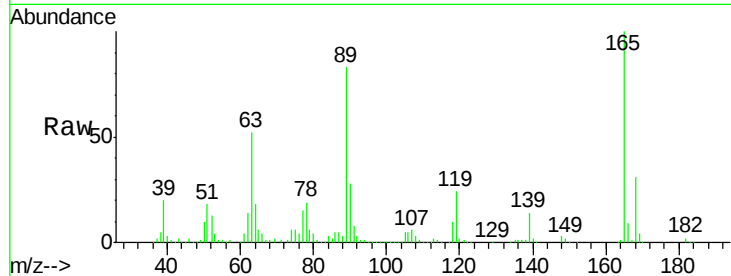




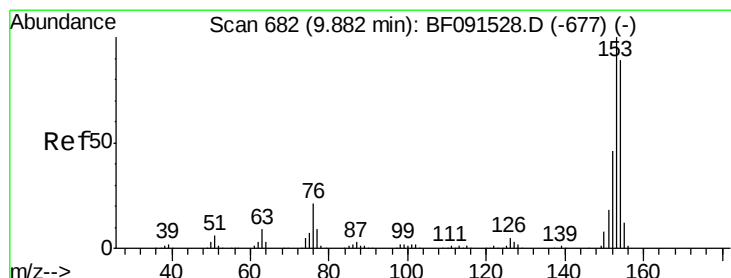
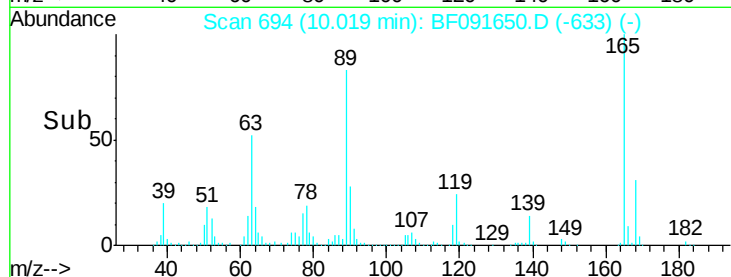
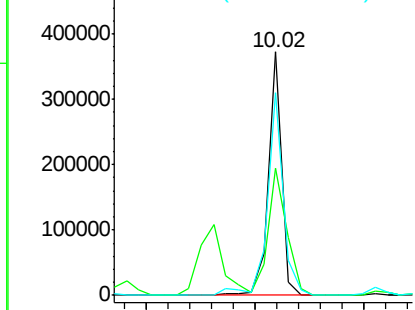
#50
 2,6-Dinitrotoluene
 Concen: 1056.76 ng
 RT: 10.02 min Scan# 694
 Delta R.T. 0.40 min
 Lab File: BF091650.D
 Acq: 16 Dec 2016 1:18

Instrument :
 BNA_F
 ClientSampleId :
 IDW-SOIL-01MSD

Tgt Ion:165 Resp: 320428
 Ion Ratio Lower Upper
 165 100
 63 52.3 59.4 89.0#
 89 83.4 50.8 76.2#

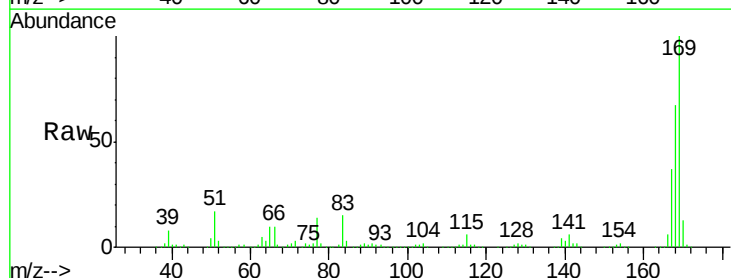


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

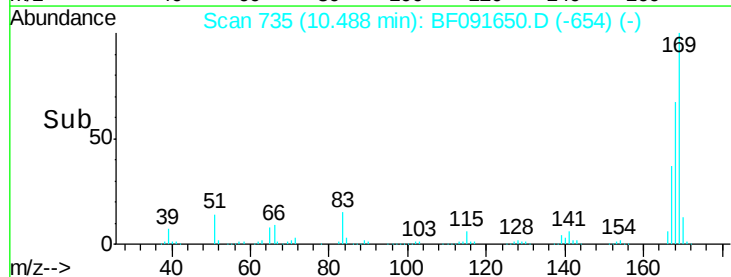
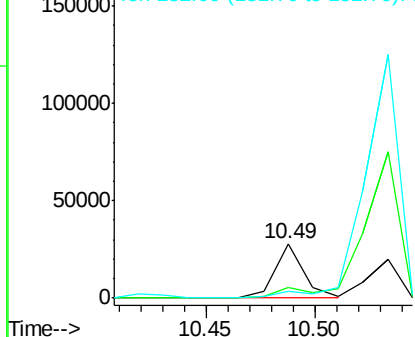


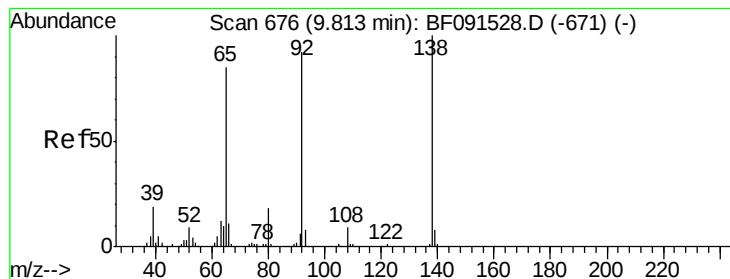
#51
 Acenaphthene
 Concen: 20.22 ng
 RT: 10.49 min Scan# 735
 Delta R.T. 0.63 min
 Lab File: BF091650.D
 Acq: 16 Dec 2016 1:18

Tgt Ion:154 Resp: 26195
 Ion Ratio Lower Upper
 154 100
 153 20.3 91.0 136.6#
 152 12.2 44.2 66.2#



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 864.61 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.61 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

Instrument :

BNA_F

ClientSampleId :

IDW-SOIL-01MSD

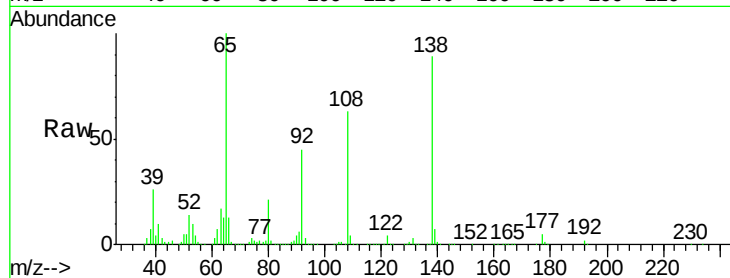
Tgt Ion:138 Resp: 307966

Ion Ratio Lower Upper

138 100

108 70.5 8.1 12.1#

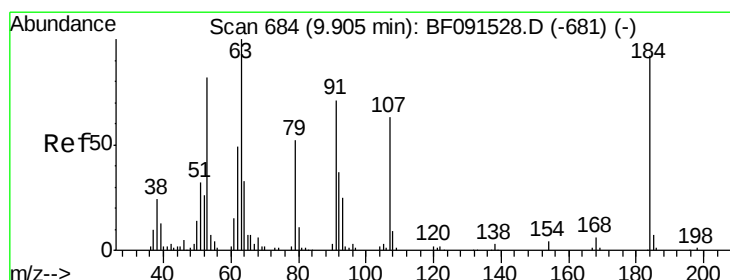
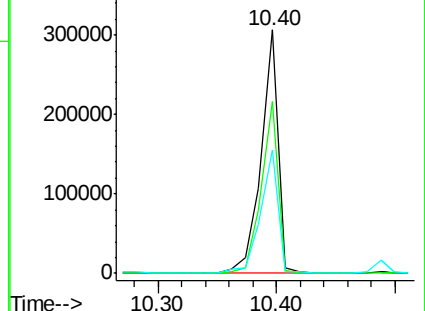
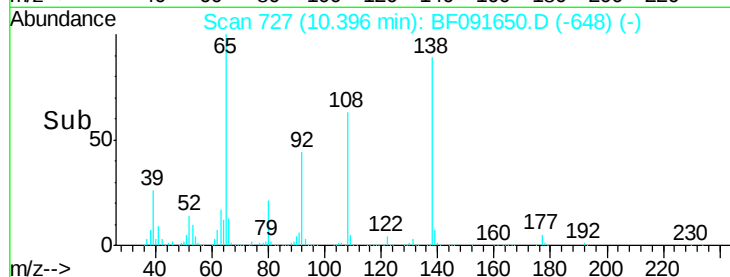
92 50.8 92.5 138.7#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 28.46 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.64 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

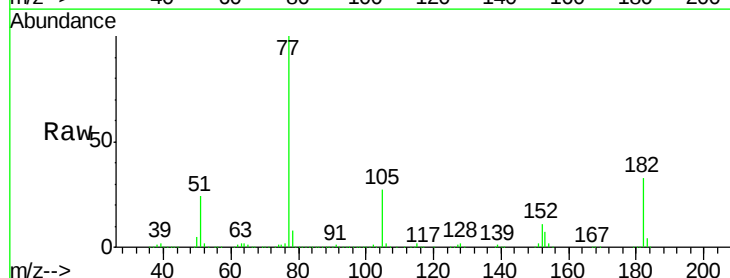
Tgt Ion:184 Resp: 3505

Ion Ratio Lower Upper

184 100

63 728.3 58.3 87.5#

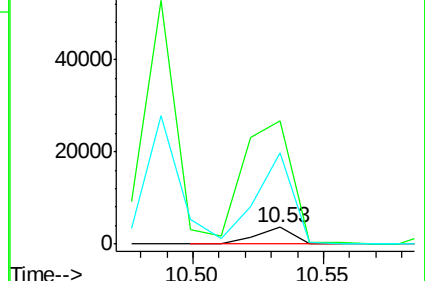
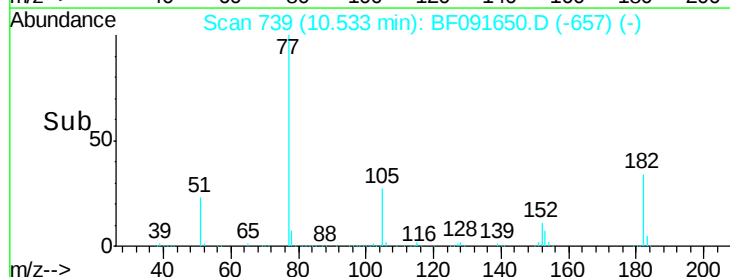
154 542.1 48.6 73.0#

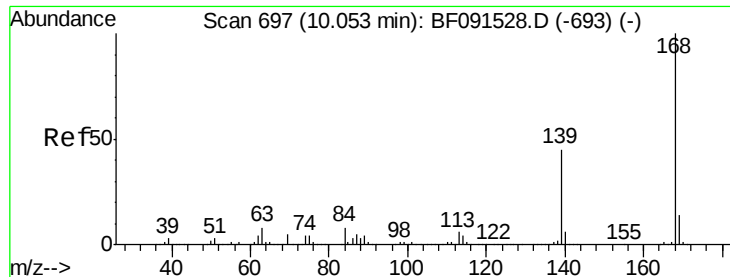


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

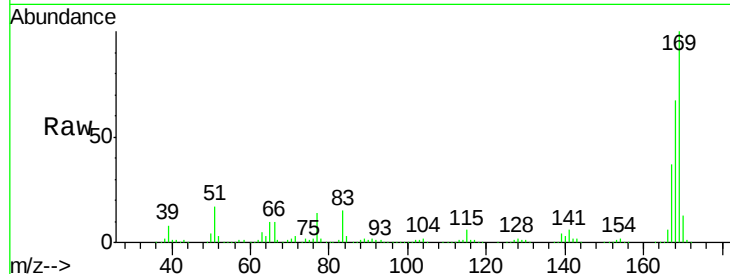




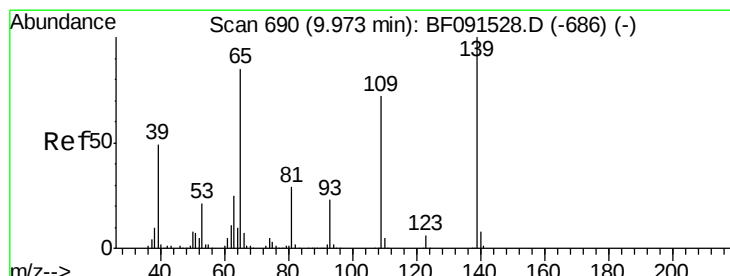
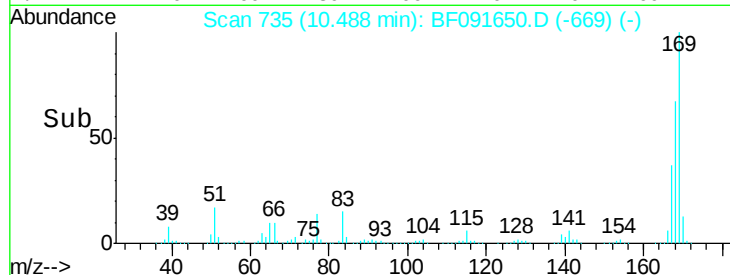
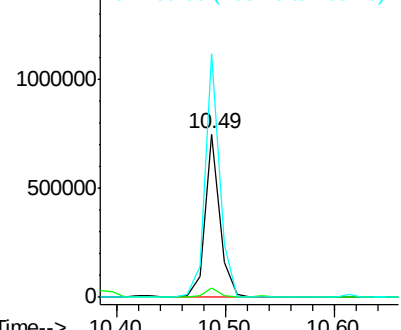
#54
Dibenzenofuran
Concen: 441.72 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.46 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

Instrument :
BNA_F
ClientSampleId :
IDW-SOIL-01MSD

Tgt Ion:168 Resp: 708080
Ion Ratio Lower Upper
168 100
139 5.8 33.4 50.2#
169 148.8 11.1 16.7#

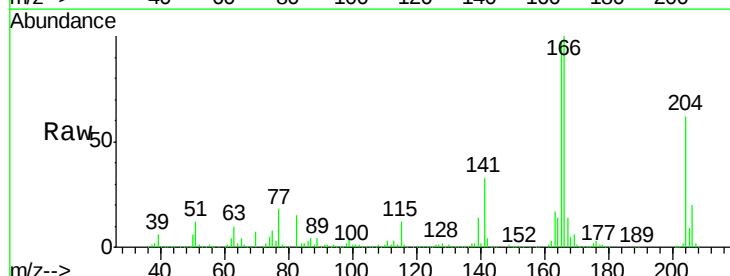


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

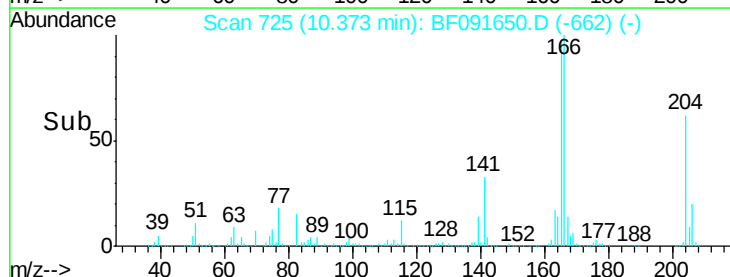
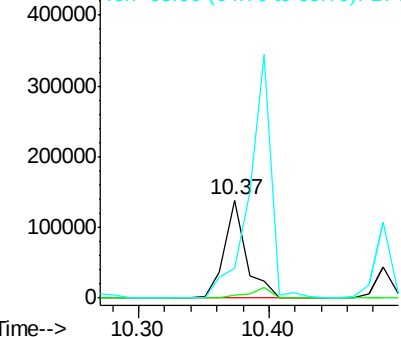


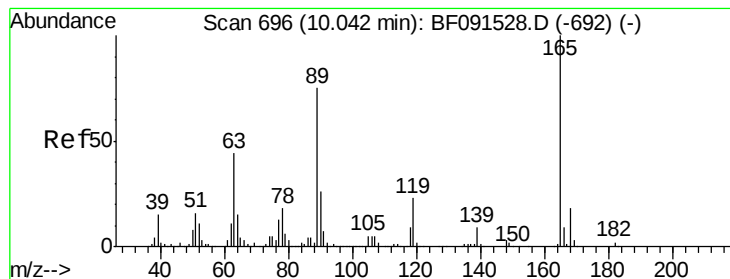
#55
4-Nitrophenol
Concen: 608.01 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.42 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

Tgt Ion:139 Resp: 161127
Ion Ratio Lower Upper
139 100
109 3.3 54.9 94.9#
65 30.2 102.2 142.2#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 2662.23 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.35 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

Instrument :

BNA_F

ClientSampleId :

IDW-SOIL-01MSD

Tgt Ion:165 Resp: 1011842

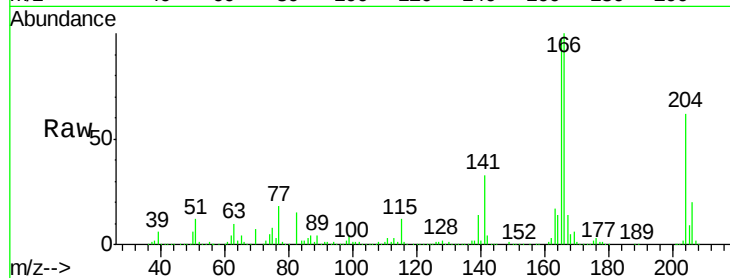
Ion Ratio Lower Upper

165 100

63 10.5 29.0 43.4#

89 3.7 43.1 64.7#

182 0.0 1.9 2.9#

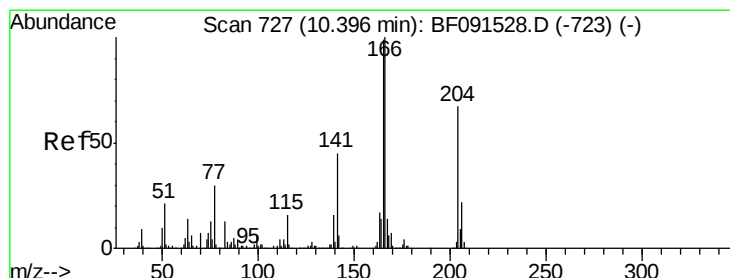
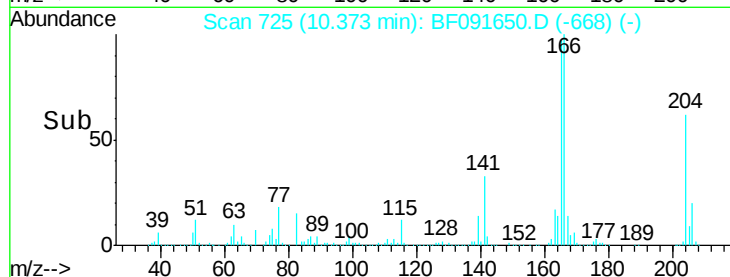
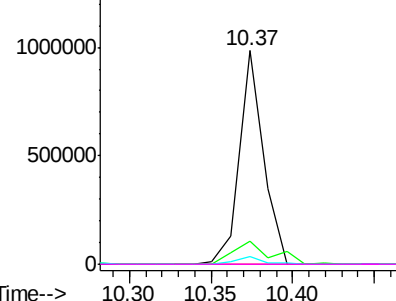


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 15.58 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.24 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

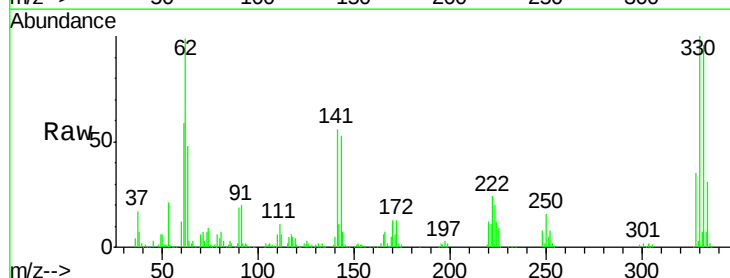
Tgt Ion:166 Resp: 21574

Ion Ratio Lower Upper

166 100

165 98.0 80.0 120.0

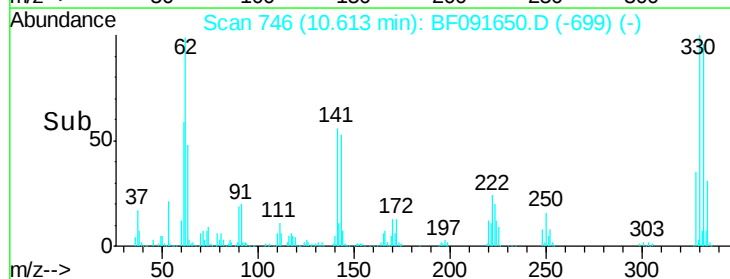
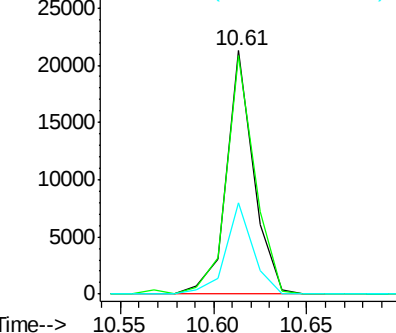
167 37.3 10.8 16.2#

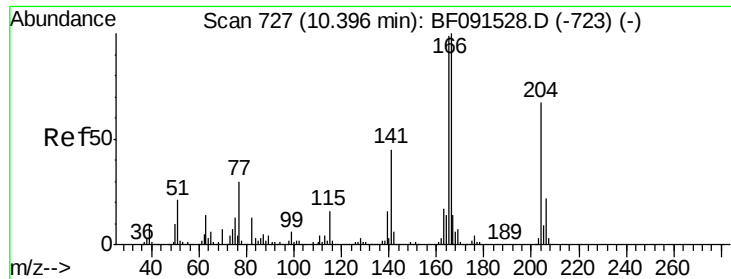


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#60

4-Chlorophenyl-phenylether

Concen: 75.47 ng

RT: 11.12 min Scan# 790

Delta R.T. 0.74 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

Instrument :

BNA_F

ClientSampleId :

IDW-SOIL-01MSD

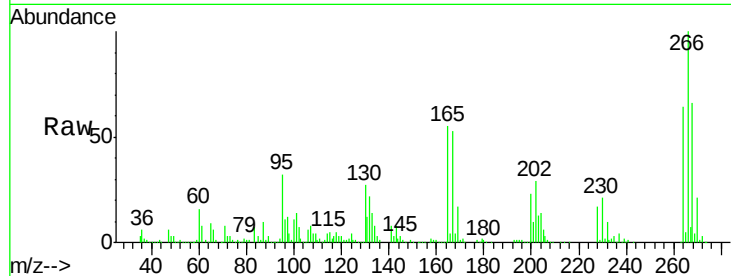
Tgt Ion:204 Resp: 43501

Ion Ratio Lower Upper

204 100

206 22.5 26.1 39.1#

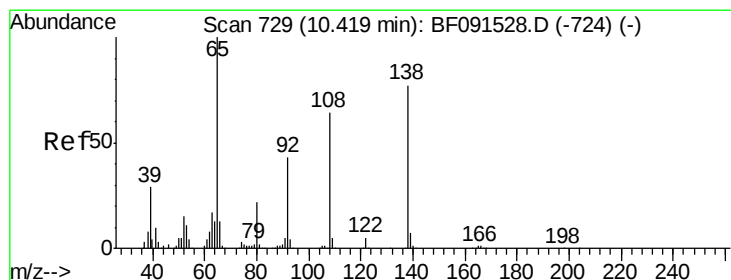
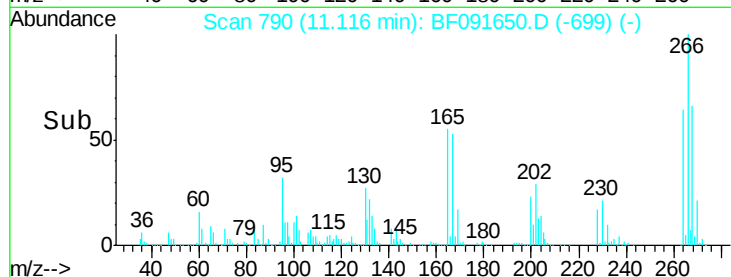
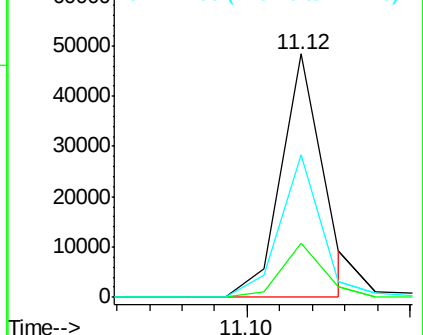
141 58.3 40.6 61.0



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 6.04 ng

RT: 10.85 min Scan# 767

Delta R.T. 0.46 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

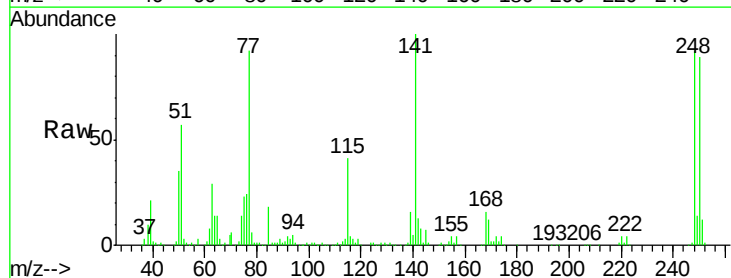
Tgt Ion:138 Resp: 2139

Ion Ratio Lower Upper

138 100

92 493.7 26.9 66.9#

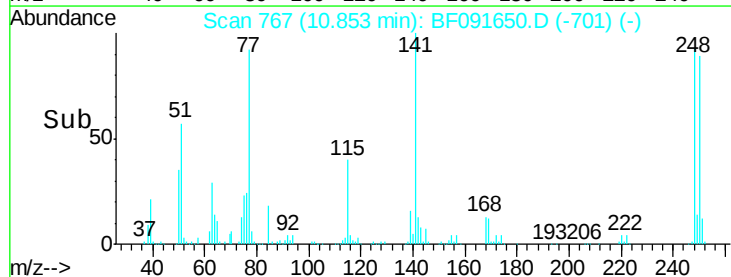
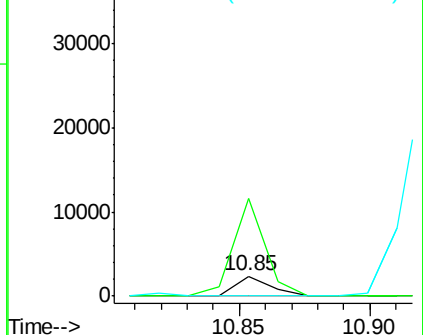
108 0.0 49.1 89.1#

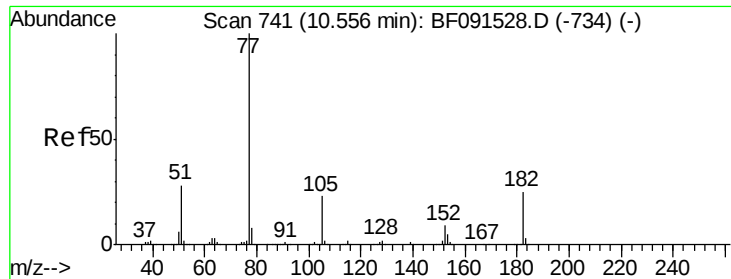


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 151.95 ng

RT: 10.85 min Scan# 767

Delta R.T. 0.32 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

Instrument :

BNA_F

ClientSampleId :

IDW-SOIL-01MSD

Tgt Ion: 77 Resp: 229053

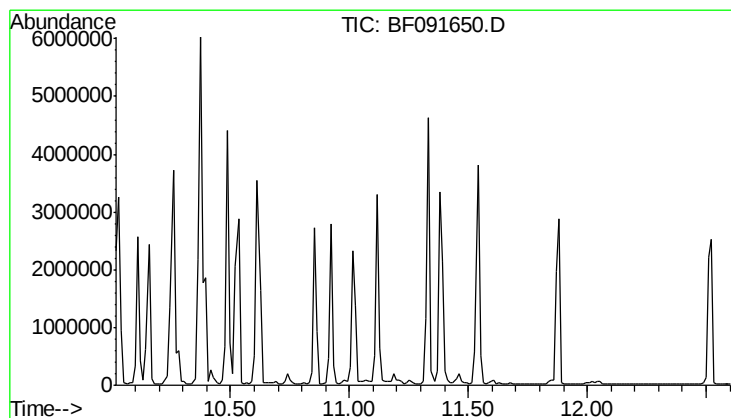
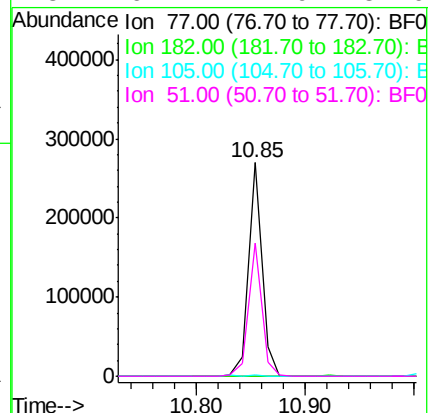
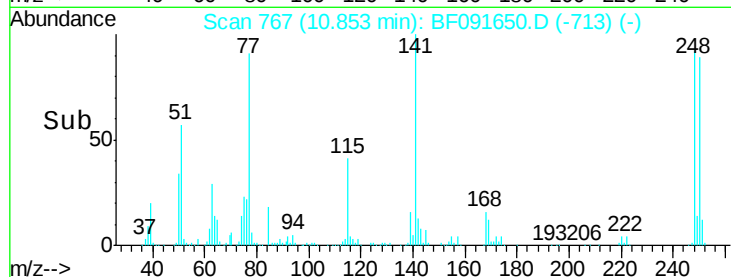
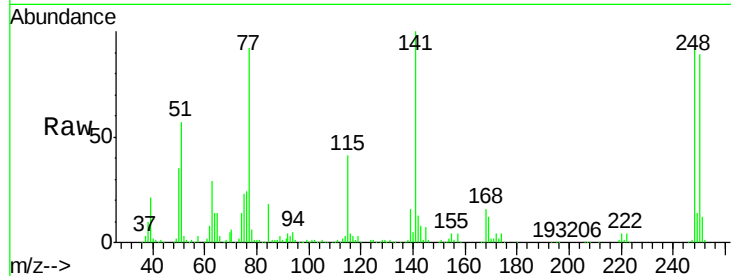
Ion Ratio Lower Upper

77 100

182 0.0 12.5 52.5#

105 0.6 3.7 43.7#

51 62.4 11.9 51.9#



#63

Phenanthrene-d10

Concen: 0.00 ng

Expected RT: 11.31 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

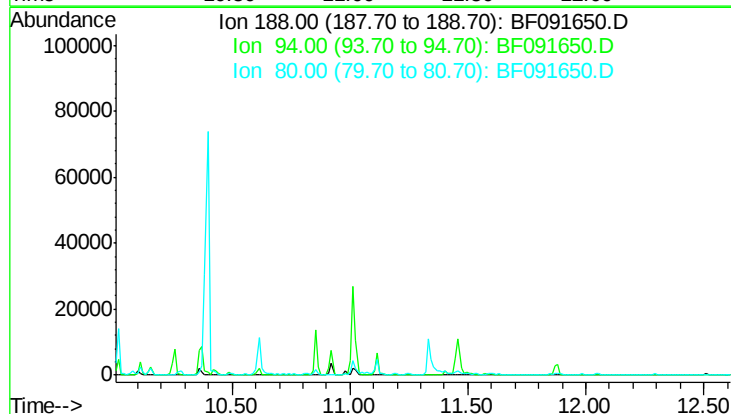
Tgt Ion: 188

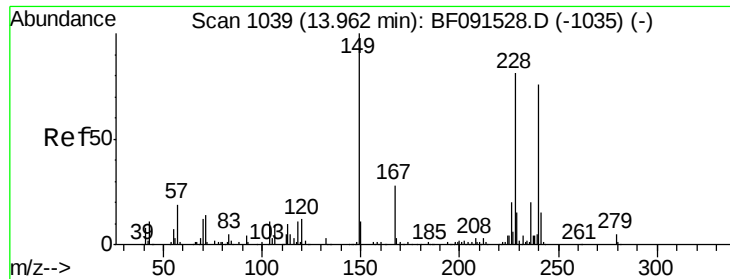
Sig Exp Ratio

188 100

94 11.5

80 13.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

Instrument :

BNA_F

ClientSampleId :

IDW-SOIL-01MSD

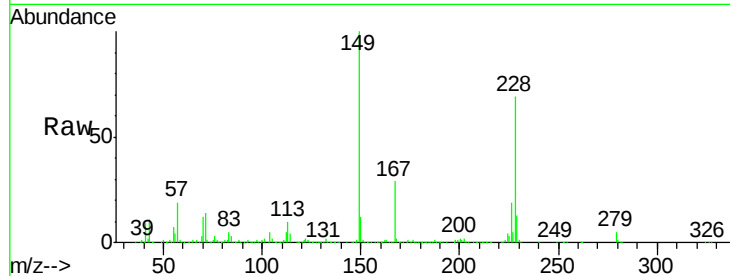
Tgt Ion:240 Resp: 260

Ion Ratio Lower Upper

240 100

120 170.4 12.1 18.1#

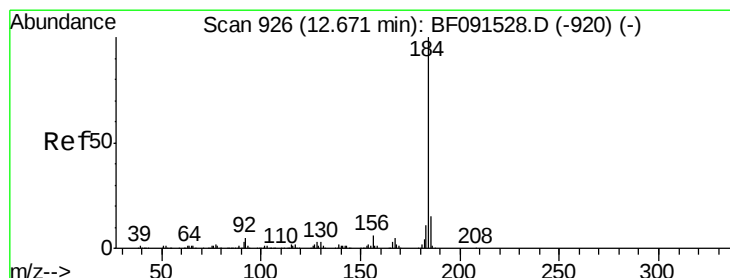
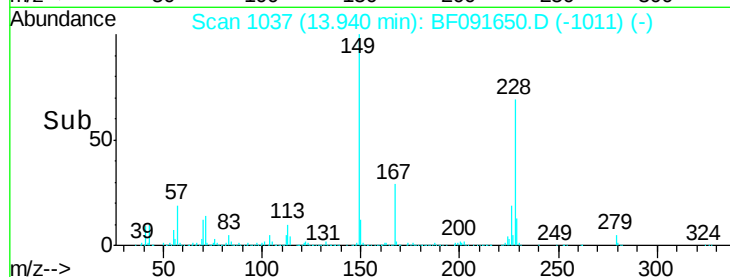
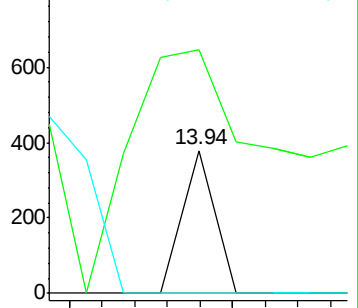
236 0.0 21.0 31.6#



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 101976.31 ng

RT: 12.65 min Scan# 924

Delta R.T. 0.01 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

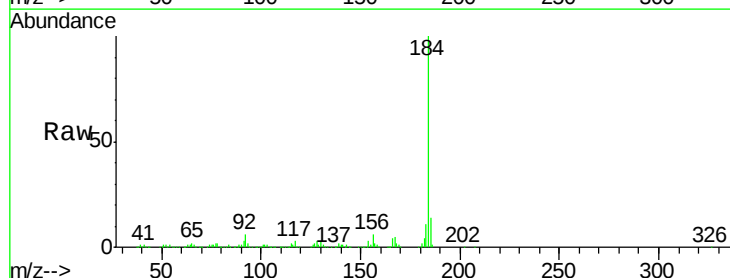
Tgt Ion:184 Resp: 819816

Ion Ratio Lower Upper

184 100

185 14.1 13.1 19.7

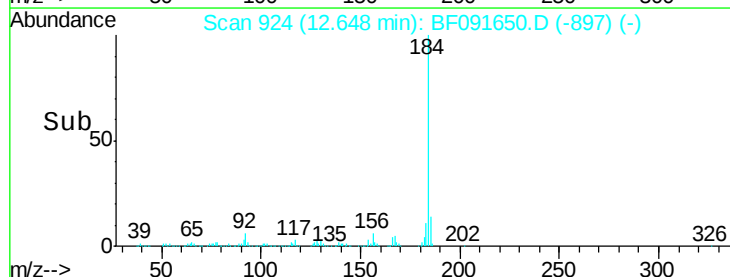
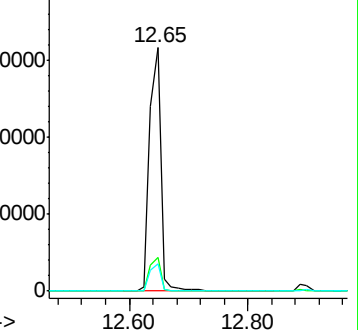
183 11.2 8.9 13.3

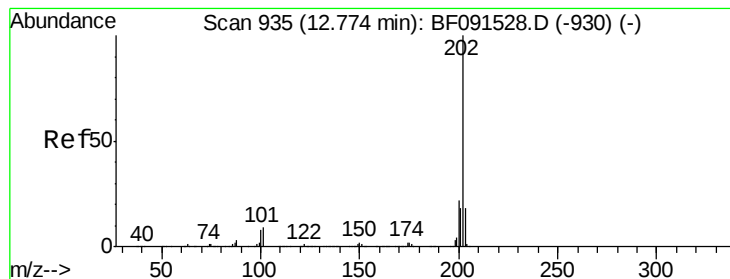


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 69490.35 ng

RT: 12.75 min Scan# 933

Delta R.T. 0.01 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

Instrument :

BNA_F

ClientSampleId :

IDW-SOIL-01MSD

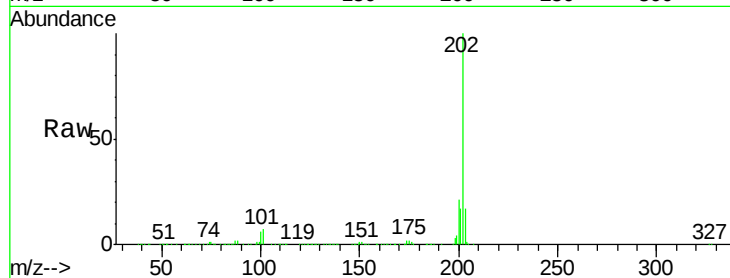
Tgt Ion:202 Resp: 1433401

Ion Ratio Lower Upper

202 100

200 20.9 17.6 26.4

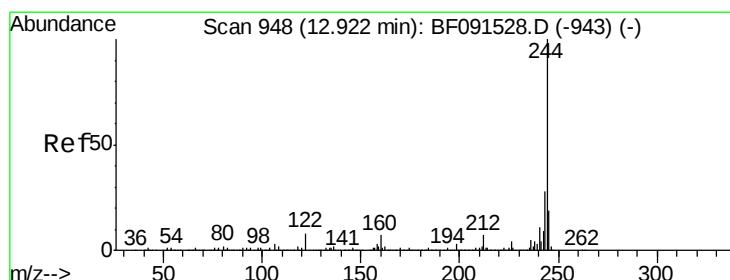
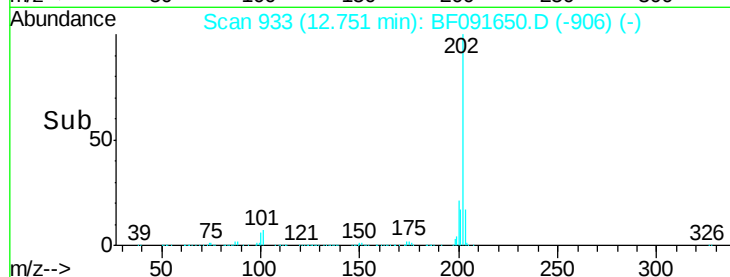
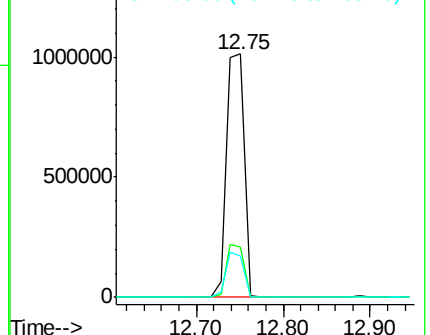
203 16.9 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 146658.21 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

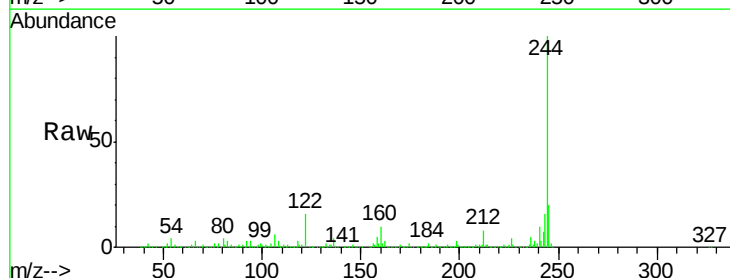
Tgt Ion:244 Resp: 1680406

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

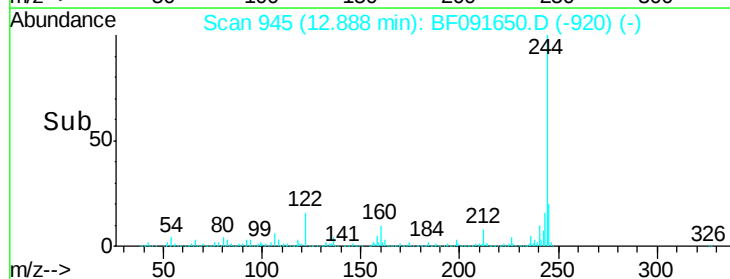
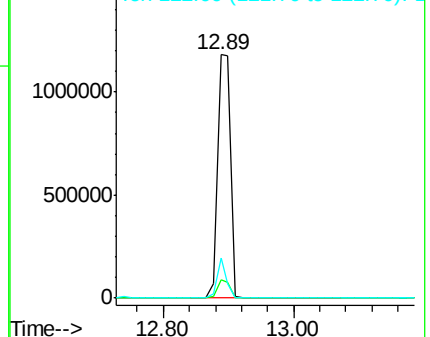
122 16.2 9.5 14.3#

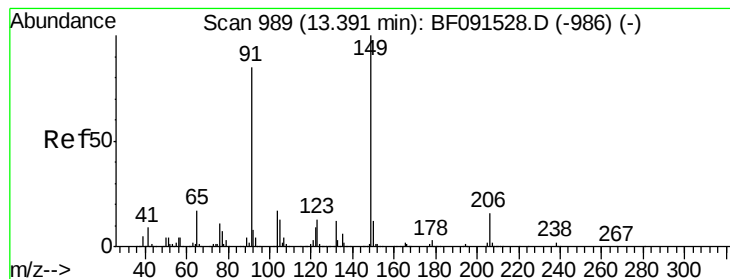


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 84390.57 ng

RT: 13.37 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

Instrument :

BNA_F

ClientSampleId :

IDW-SOIL-01MSD

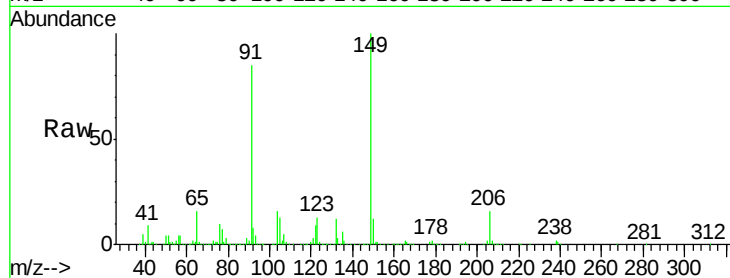
Tgt Ion:149 Resp: 678563

Ion Ratio Lower Upper

149 100

91 84.9 57.4 86.2

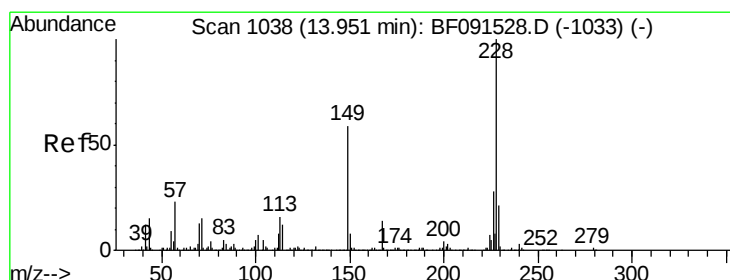
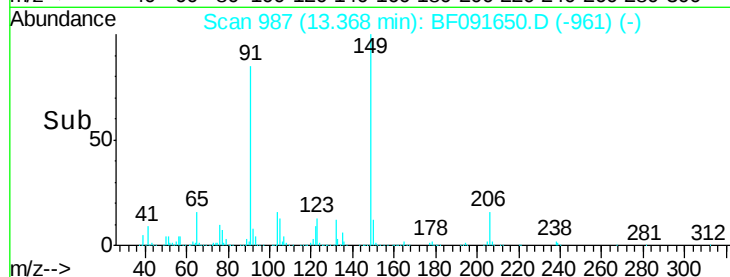
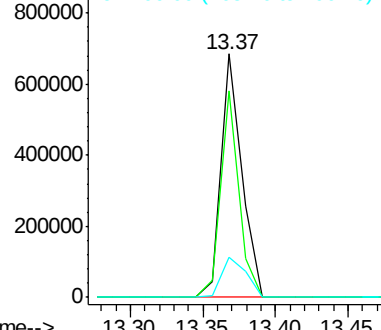
206 16.5 15.4 23.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 75551.77 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

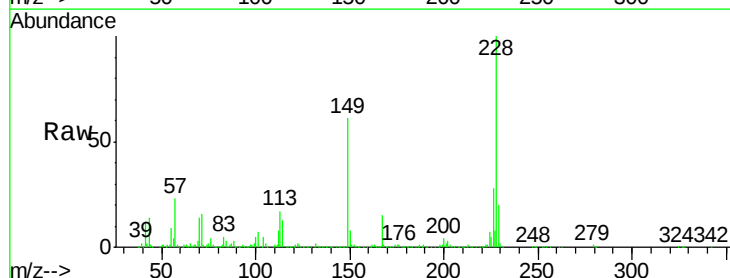
Tgt Ion:228 Resp: 1140794

Ion Ratio Lower Upper

228 100

226 27.8 22.5 33.7

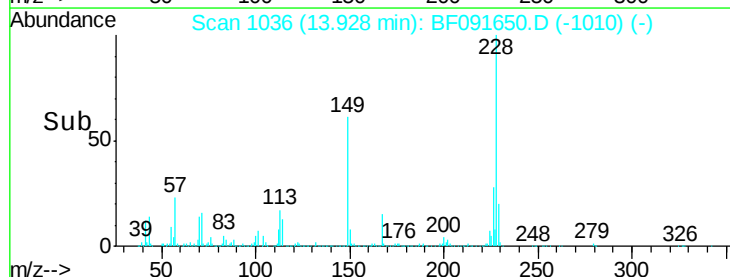
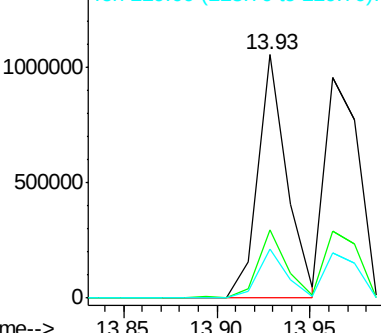
229 20.3 16.4 24.6

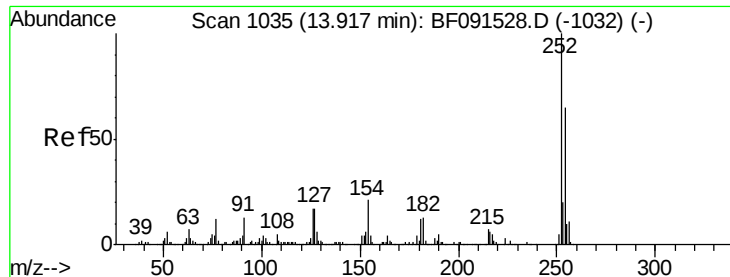


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

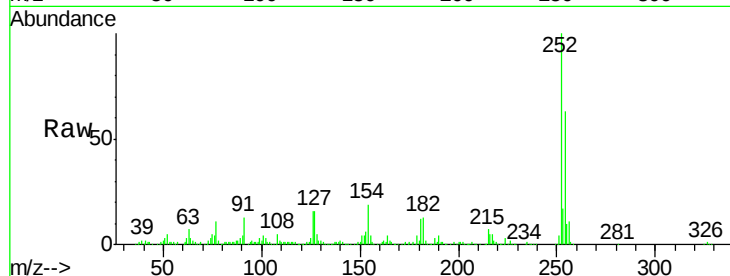




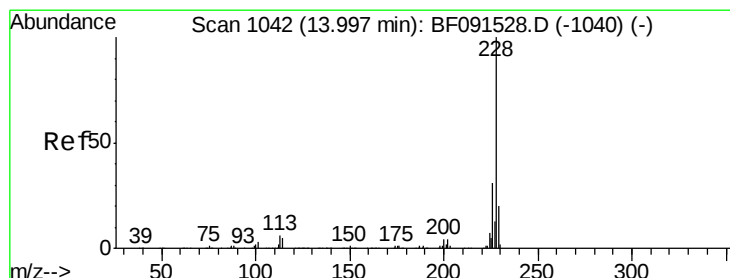
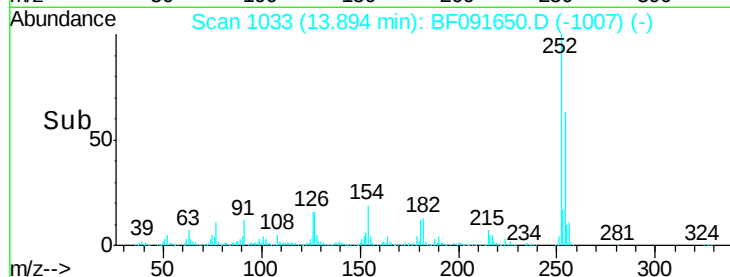
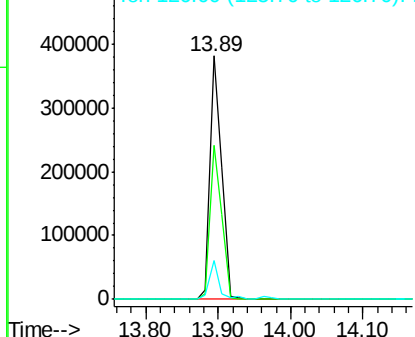
#81
 3,3'-Dichlorobenzidine
 Concen: 77877.26 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF091650.D
 Acq: 16 Dec 2016 1:18

Instrument :
 BNA_F
 ClientSampleId :
 IDW-SOIL-01MSD

Tgt Ion:252 Resp: 422255
 Ion Ratio Lower Upper
 252 100
 254 63.4 52.1 78.1
 126 16.0 7.5 11.3#

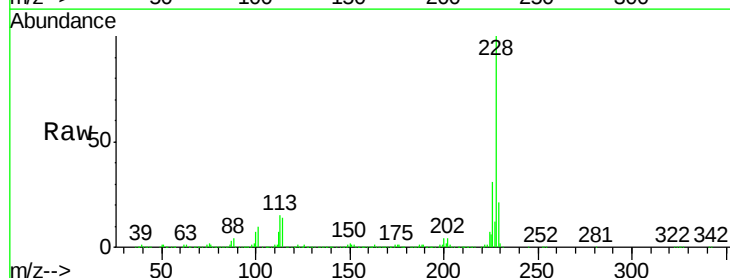


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

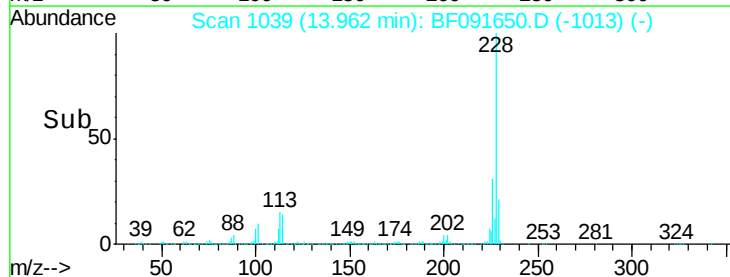
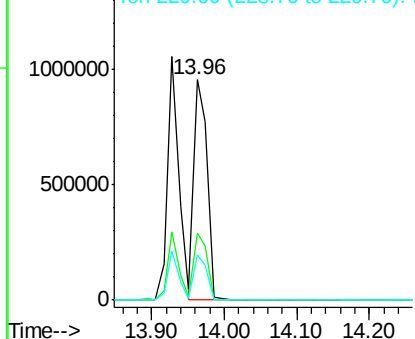


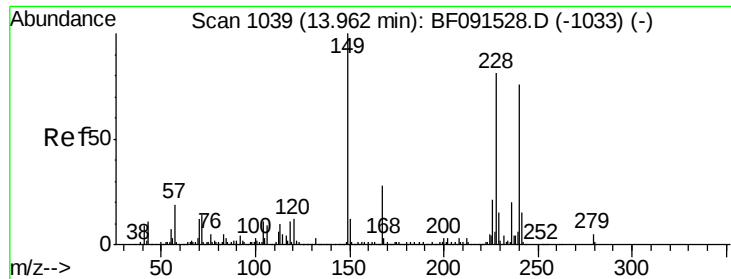
#82
 Chrysene
 Concen: 76416.92 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF091650.D
 Acq: 16 Dec 2016 1:18

Tgt Ion:228 Resp: 1207212
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.4
 229 20.8 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

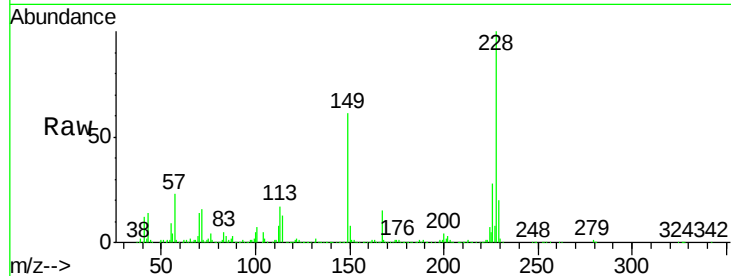




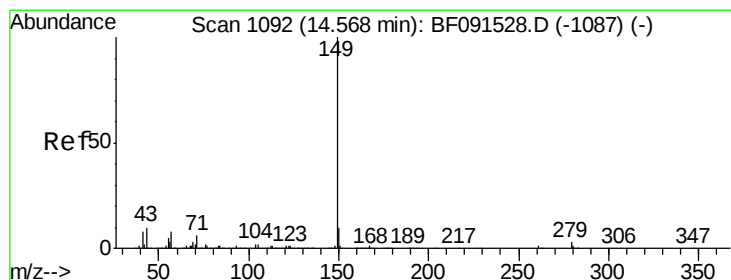
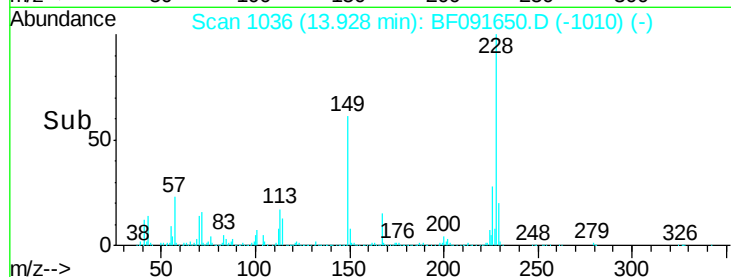
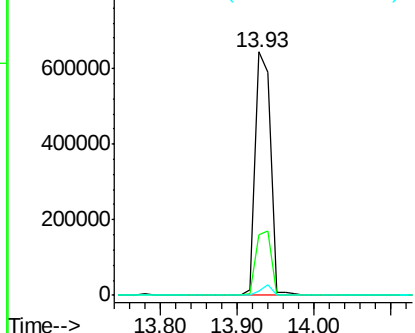
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 84285.18 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF091650.D
 Acq: 16 Dec 2016 1:18

Instrument :
 BNA_F
 ClientSampleId :
 IDW-SOIL-01MSD

Tgt Ion:149 Resp: 869510
 Ion Ratio Lower Upper
 149 100
 167 24.7 19.6 29.4
 279 2.0 1.9 2.9

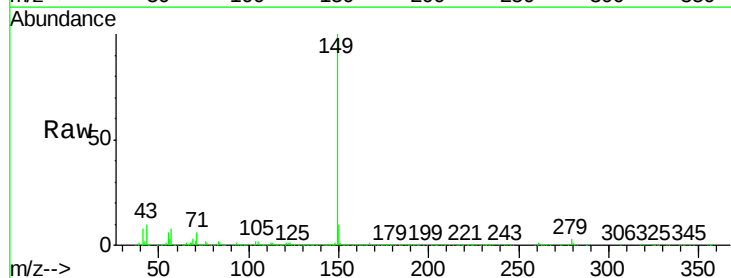


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

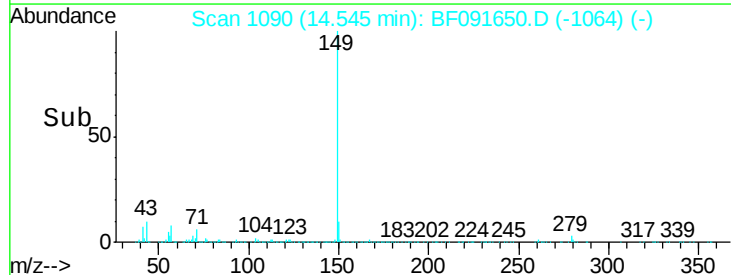
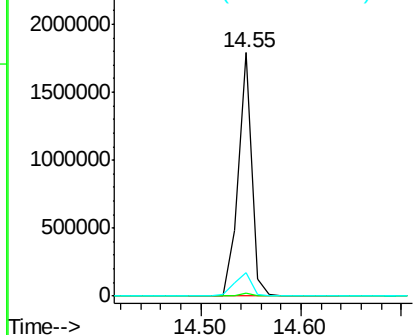


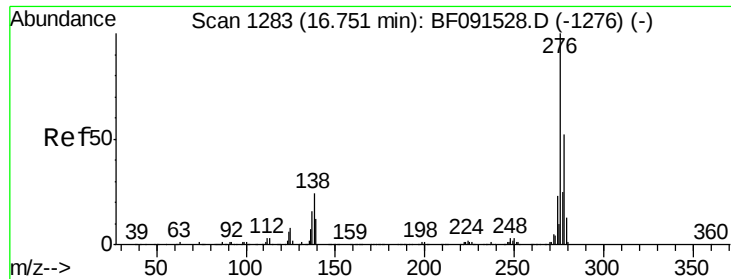
#84
 Di-n-octyl phthalate
 Concen: 94996.20 ng
 RT: 14.55 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF091650.D
 Acq: 16 Dec 2016 1:18

Tgt Ion:149 Resp: 1663415
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.5 11.9 17.9#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

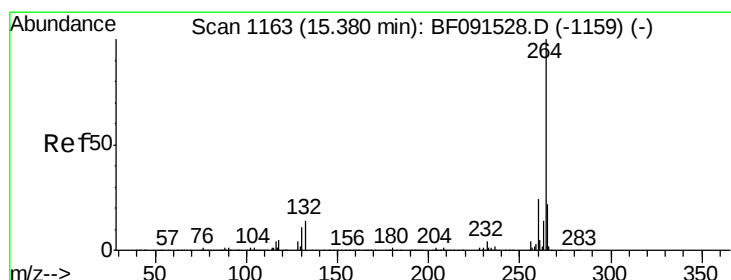
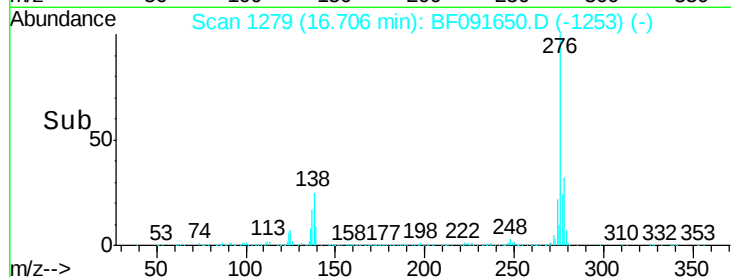
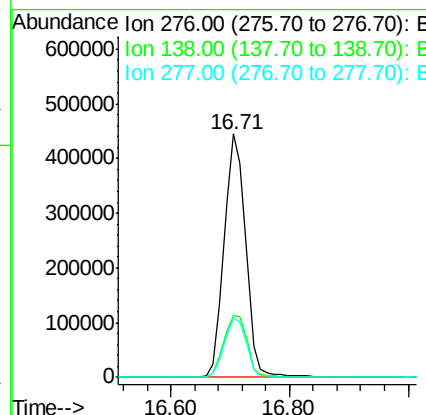
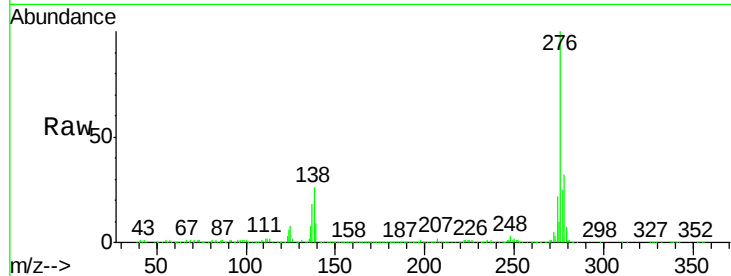




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 78876.55 ng
 RT: 16.71 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BF091650.D
 Acq: 16 Dec 2016 1:18

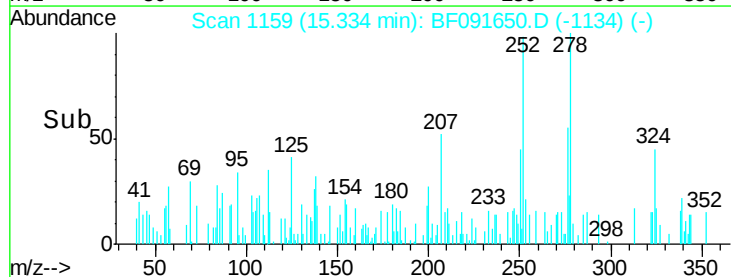
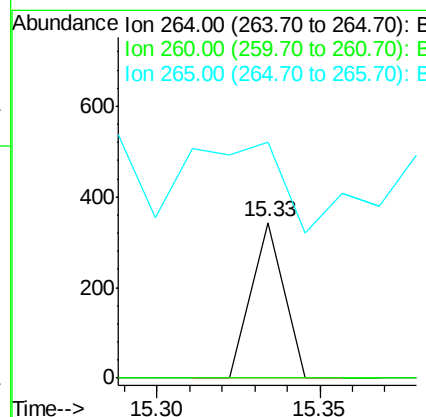
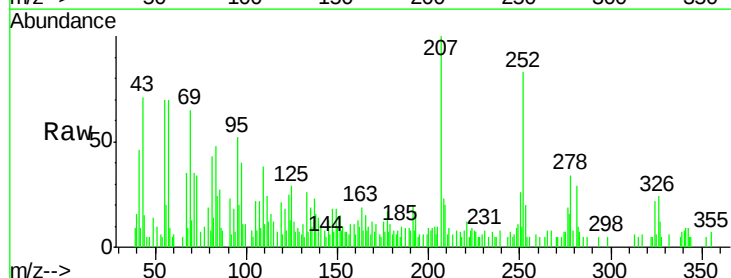
Instrument :
 BNA_F
 ClientSampleId :
 IDW-SOIL-01MSD

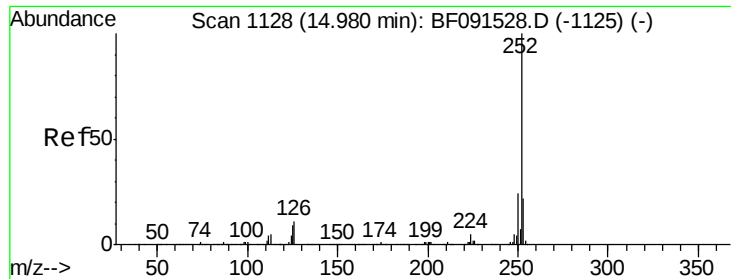
Tgt Ion:276 Resp: 1121303
 Ion Ratio Lower Upper
 276 100
 138 28.2 21.0 31.4
 277 25.5 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. -0.01 min
 Lab File: BF091650.D
 Acq: 16 Dec 2016 1:18

Tgt Ion:264 Resp: 235
 Ion Ratio Lower Upper
 264 100
 260 0.0 18.8 28.2#
 265 151.9 17.0 25.6#

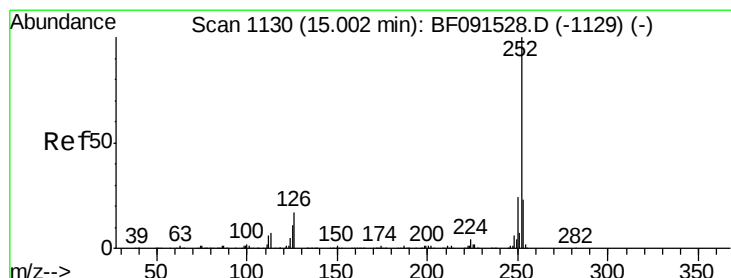
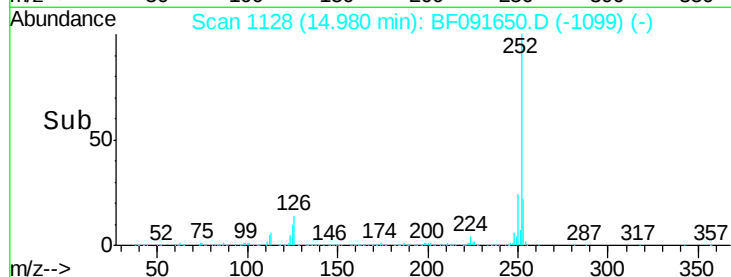
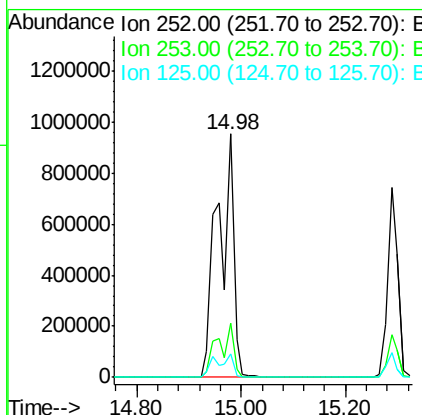
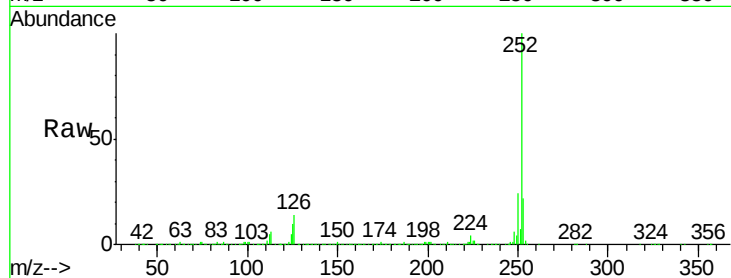




#87
Benzo(b)fluoranthene
Concen: 142667.13 ng
RT: 14.98 min Scan# 1128
Delta R.T. 0.03 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

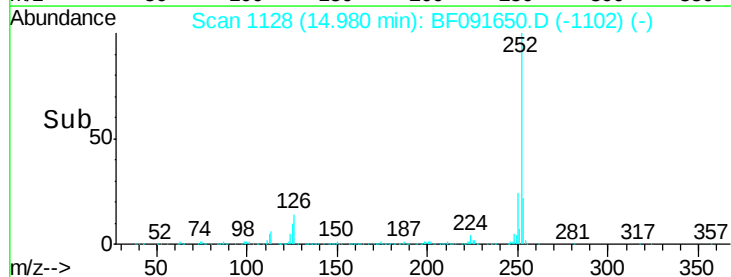
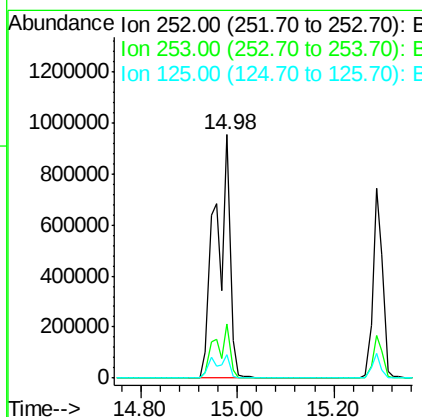
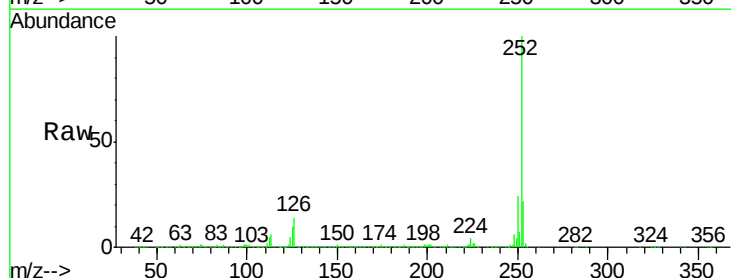
Instrument :
BNA_F
ClientSampleId :
IDW-SOIL-01MSD

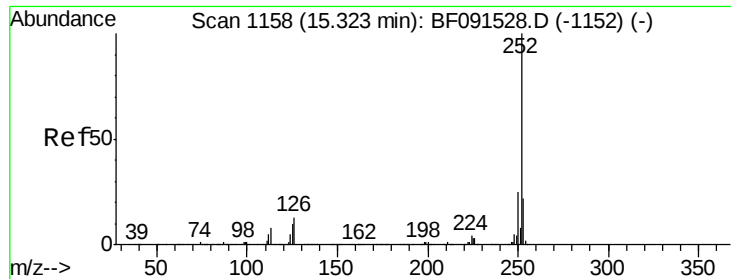
Tgt Ion:252 Resp: 1998607
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 9.9 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 162324.60 ng
RT: 14.98 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

Tgt Ion:252 Resp: 1999461
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 9.9 9.6 14.4





#89

Benzo(a)pyrene

Concen: 81187.57 ng

RT: 15.29 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

Instrument :

BNA_F

ClientSampleId :

IDW-SOIL-01MSD

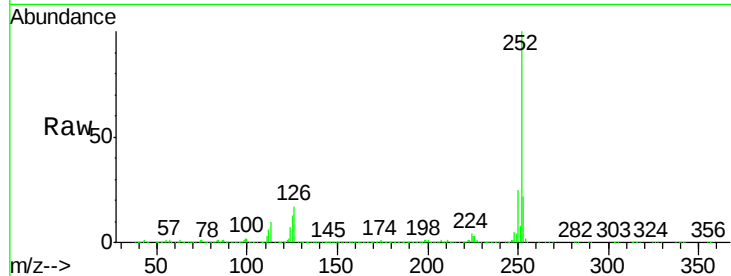
Tgt Ion:252 Resp: 1024619

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

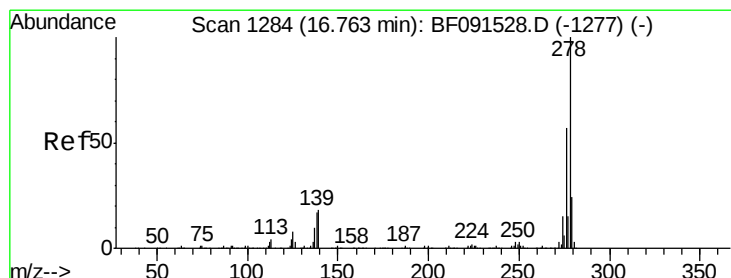
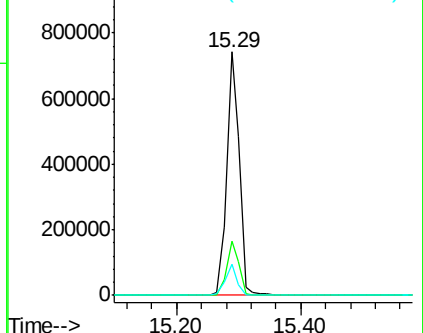
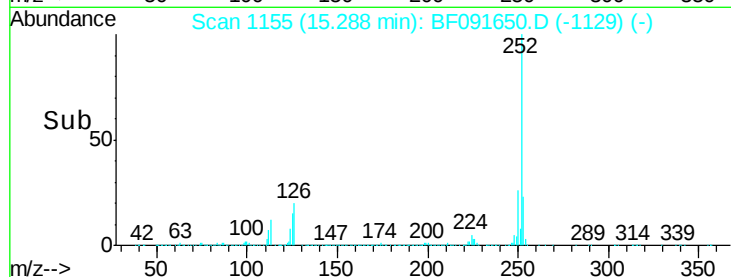
125 12.8 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 82878.25 ng

RT: 16.73 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

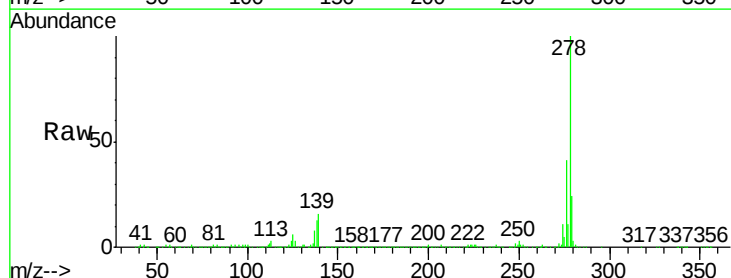
Tgt Ion:278 Resp: 936988

Ion Ratio Lower Upper

278 100

139 15.5 15.1 22.7

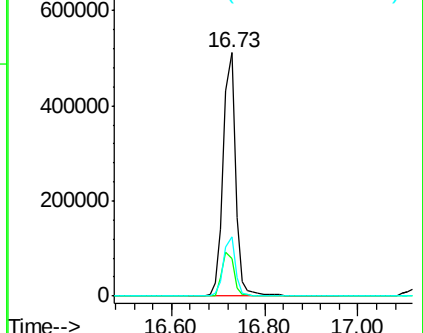
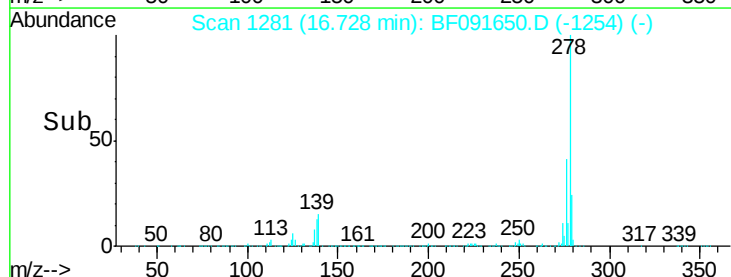
279 24.4 19.0 28.6

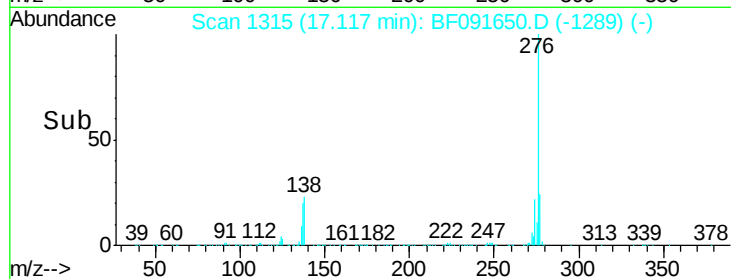
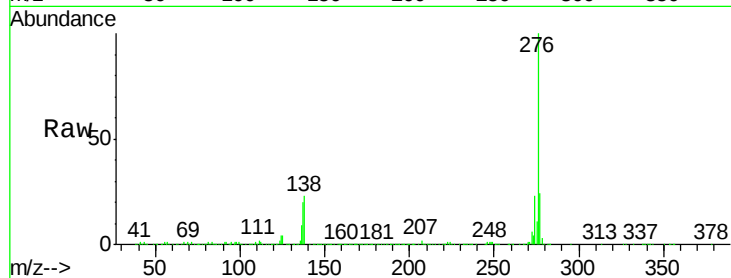
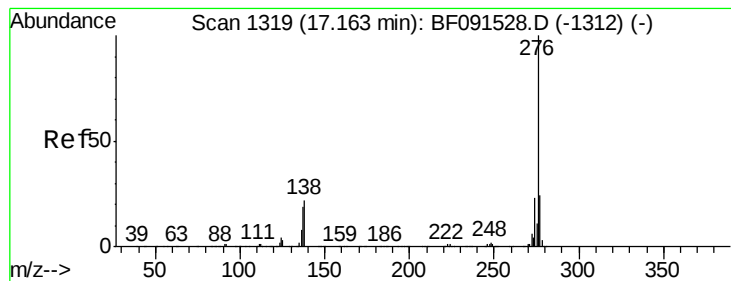


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 80204.51 ng

RT: 17.12 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

Instrument :

BNA_F

ClientSampleId :

IDW-SOIL-01MSD

Tgt Ion: 276 Resp: 922849

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 23.5 15.4 23.0#

