

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	R.T.	QIon	Response	Conc	Units	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

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

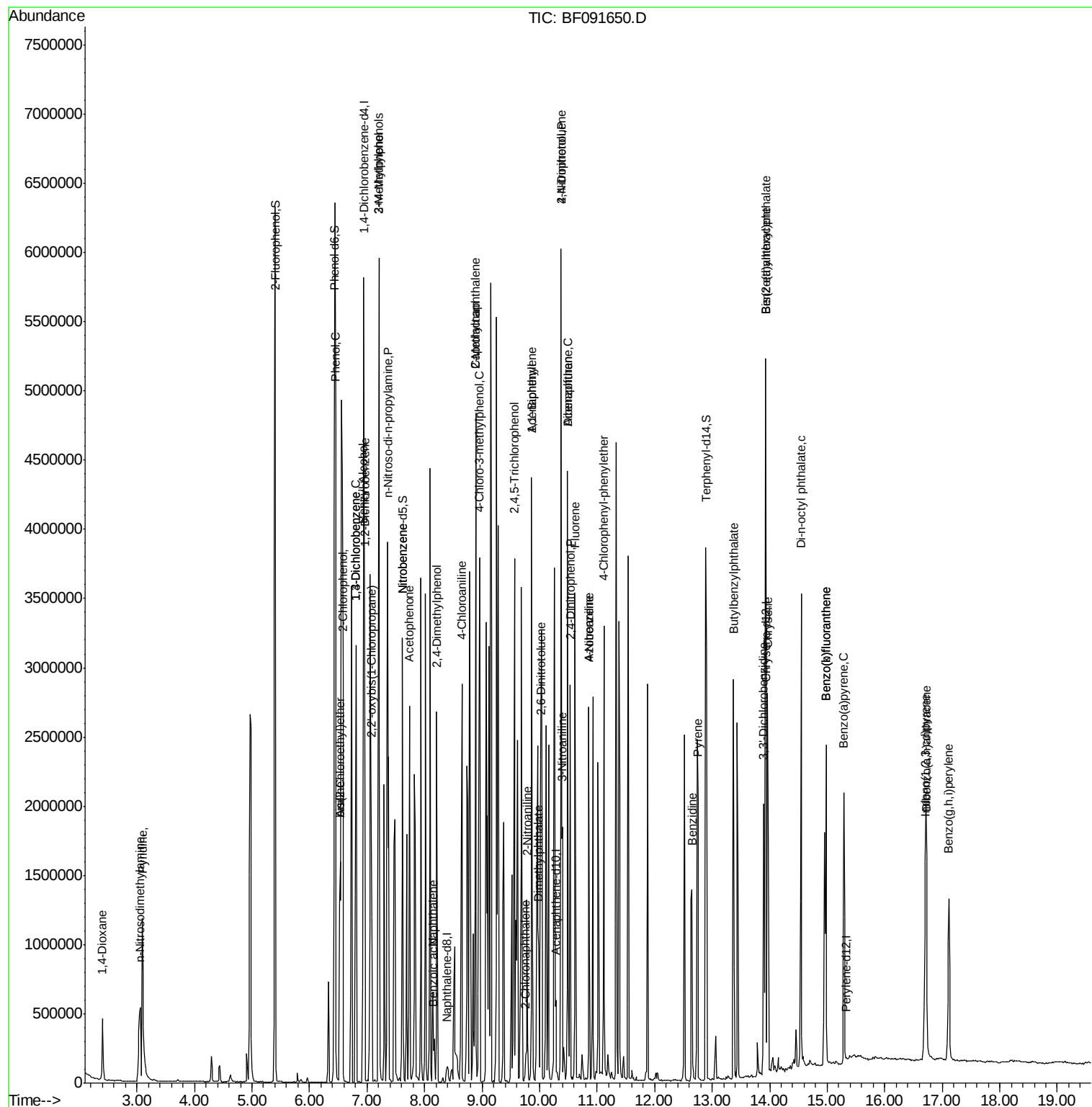
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) Dibenzofuran	10.49	168	708080	441.72	nq	# 1
55) 4-Nitrophenol	10.37	139	161127	608.01	nq	# 17
56) 2,4-Dinitrotoluene	10.37	165	1011842	2662.23	nq	# 42
57) Fluorene	10.61	166	21574	15.58	nq	# 91
60) 4-Chlorophenyl-phenylether	11.12	204	43501	75.47	nq	# 86
61) 4-Nitroaniline	10.85	138	2139	6.04	nq	# 1
62) Azobenzene	10.85	77	229053	151.95	nq	# 46
76) Benzidine	12.65	184	819816	101976.31	nq	97
77) Pyrene	12.75	202	1433401	69490.35	nq	98
79) Butylbenzylphthalate	13.37	149	678563	84390.57	nq	86
80) Benzo(a)anthracene	13.93	228	1140794	75551.77	nq	100
81) 3,3'-Dichlorobenzidine	13.89	252	422255	77877.26	nq	# 96
82) Chrysene	13.96	228	1207212	76416.92	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	869510	84285.18	nq	100
84) Di-n-octyl phthalate	14.55	149	1663415	94996.20	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.71	276	1121303	78876.55	nq	98
87) Benzo(b)fluoranthene	14.98	252	1998607	142667.13	nq	98
88) Benzo(k)fluoranthene	14.98	252	1999461	162324.60	nq	98
89) Benzo(a)pyrene	15.29	252	1024619	81187.57	nq	99
90) Dibenzo(a,h)anthracene	16.73	278	936988	82878.25	nq	96
91) Benzo(g,h,i)perylene	17.12	276	922849	80204.51	nq	# 96

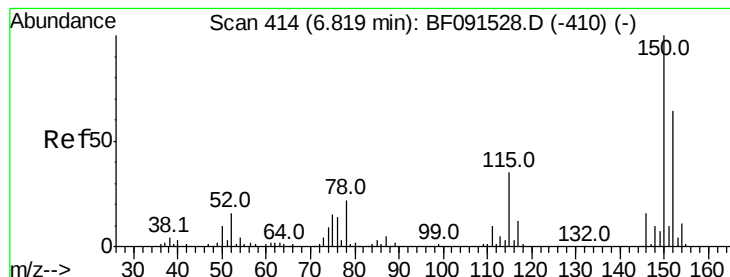
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#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

Acq: 16 Dec 2016 1:18

Instrument :

BNA_F

ClientSampleId :

IDW-SOIL-01MSD

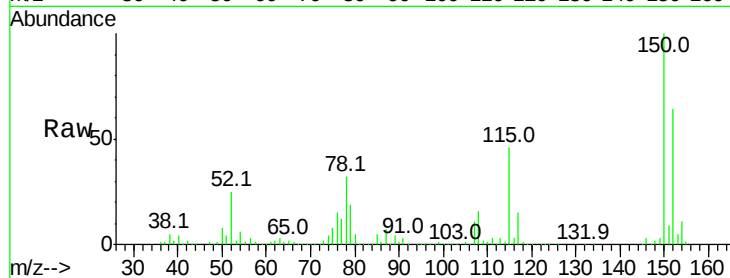
Tot Ion:152 Resp: 736317

Ion Ratio Lower Upper

152 100

150 156.7 122.5 183.7

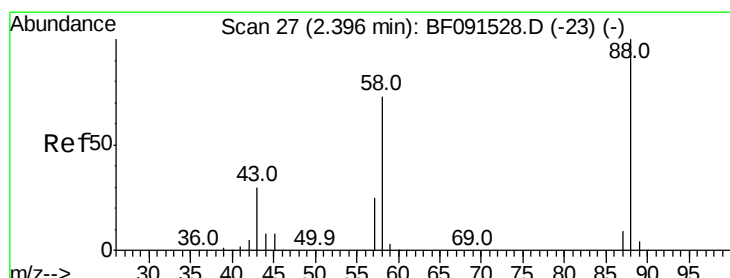
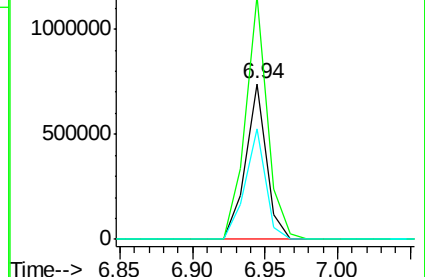
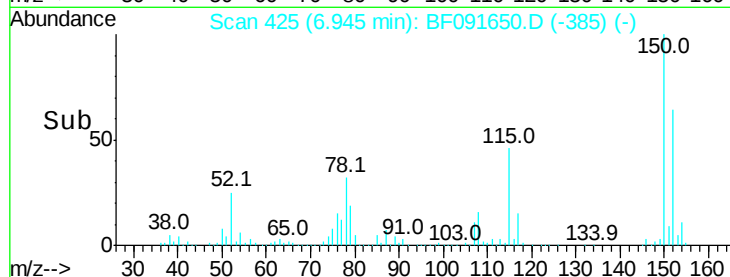
115 71.3 51.8 77.8



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

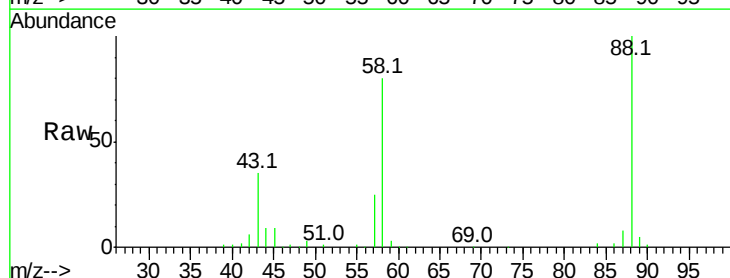
Tgt Ion: 88 Resp: 241862

Ion Ratio Lower Upper

88 100

58 74.9 70.3 105.5

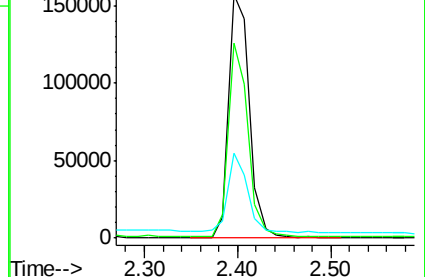
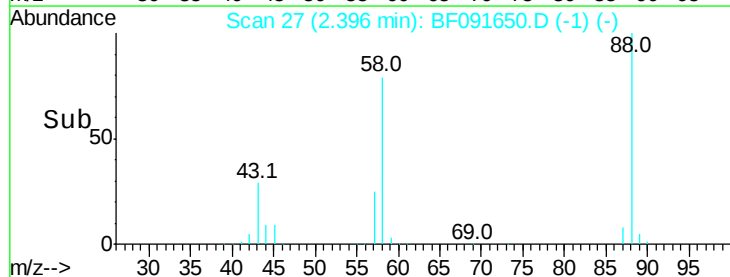
43 36.5 31.3 46.9

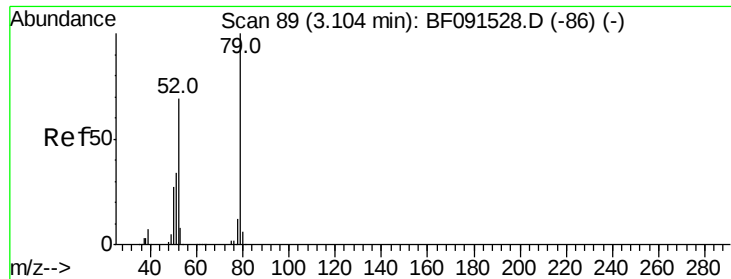


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

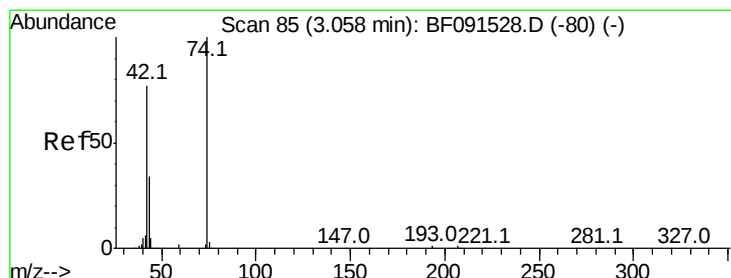
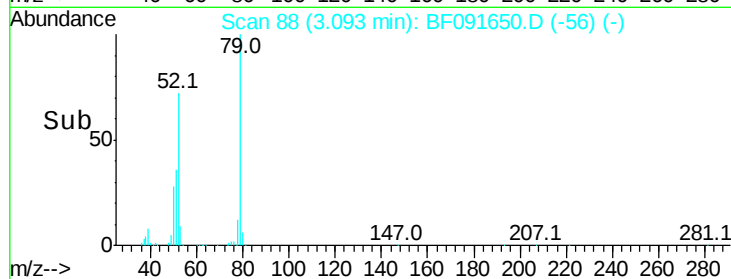
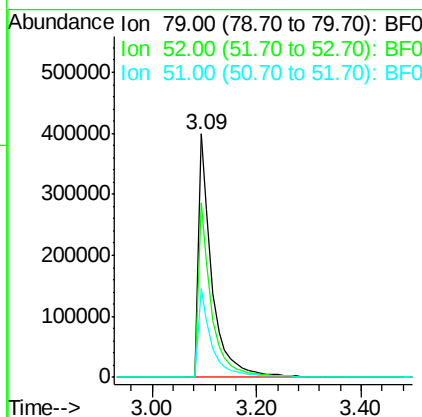
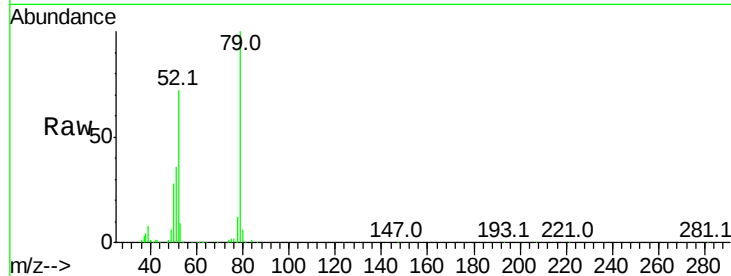




#3
 Pvridine
 Concen: 11.80 ng
 RT: 3.09 min Scan# 88
 Delta R.T. 0.07 min
 Lab File: BF091650.D
 Acq: 16 Dec 2016 1:18

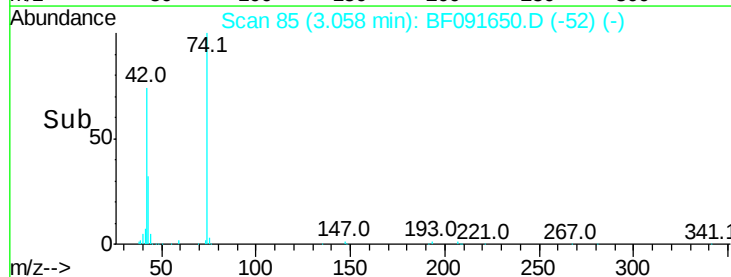
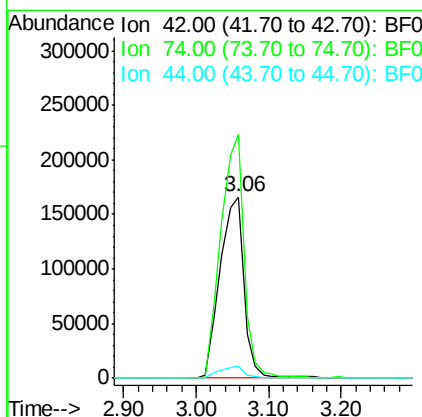
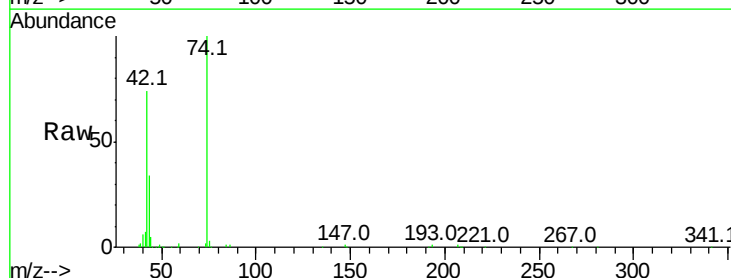
Instrument :
 BNA_F
 ClientSampleId :
 IDW-SOIL-01MSD

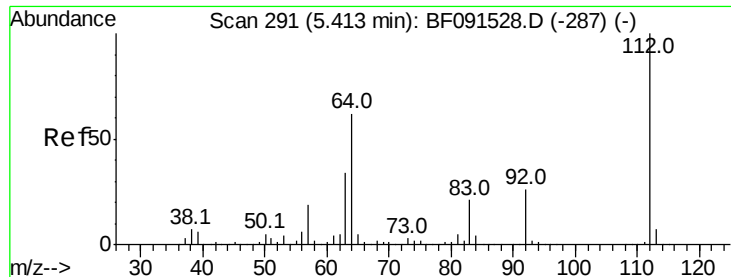
Tot Ion: 79 Resp: 725005
 Ion Ratio Lower Upper
 79 100
 52 71.6 71.0 106.4
 51 36.3 37.0 55.4#



#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

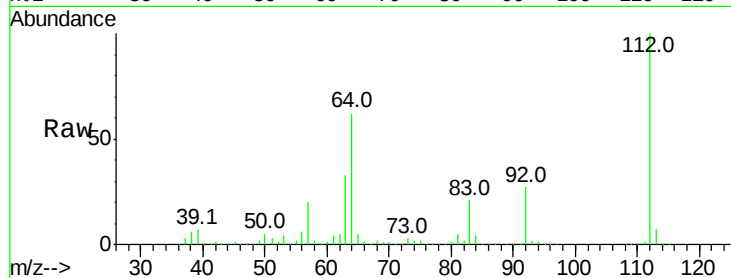
Tot Ion:112 Resp: 1954148

Ion Ratio Lower Upper

112 100

64 61.8 61.5 92.3

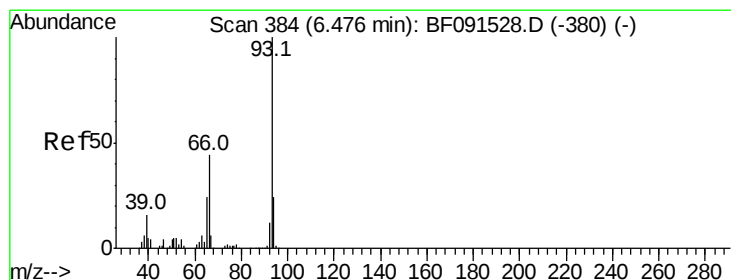
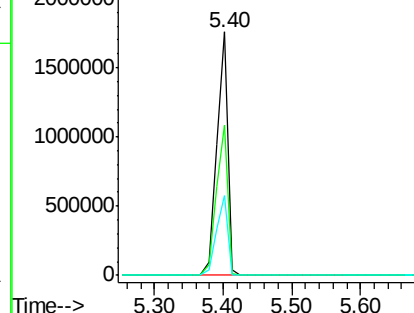
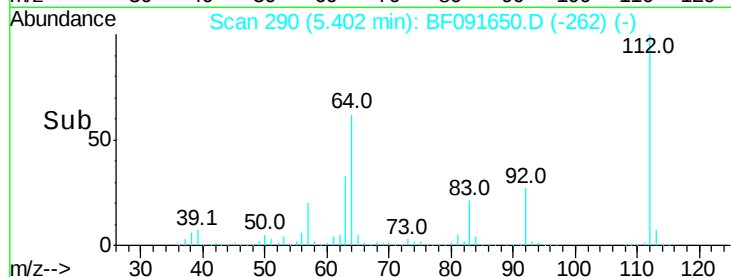
63 32.6 33.3 49.9#



Abundance Ion 112.00 (111.70 to 112.70): B

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

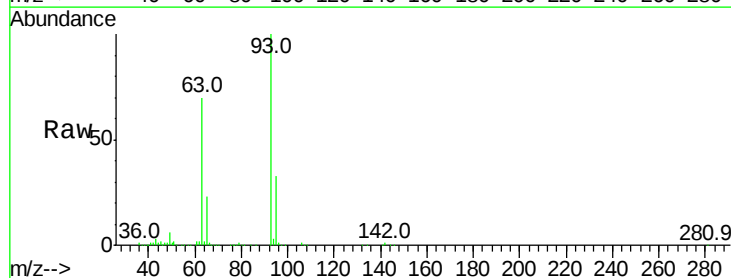
Tgt Ion: 93 Resp: 727494

Ion Ratio Lower Upper

93 100

66 0.7 55.8 83.6#

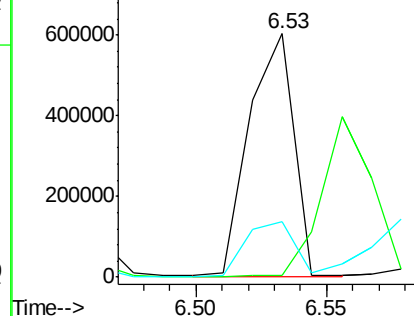
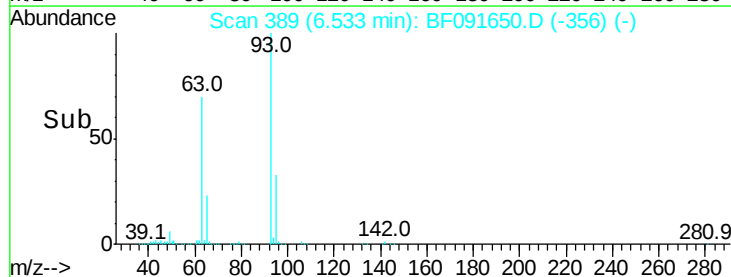
65 22.9 29.9 44.9#

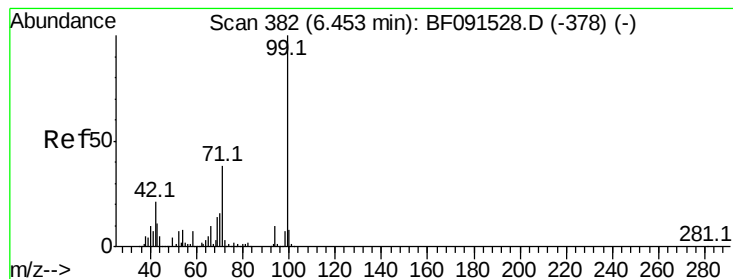


Abundance Ion 93.00 (92.70 to 93.70): BF0

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

Acq: 16 Dec 2016 1:18

Instrument :

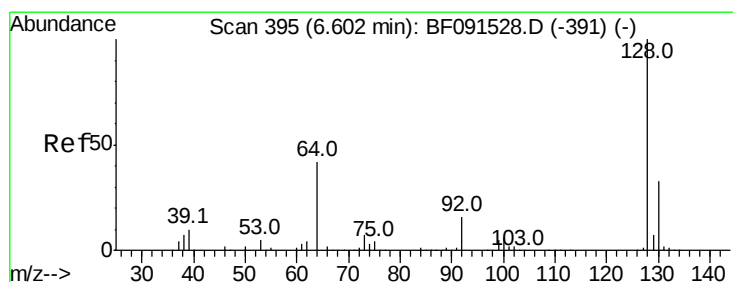
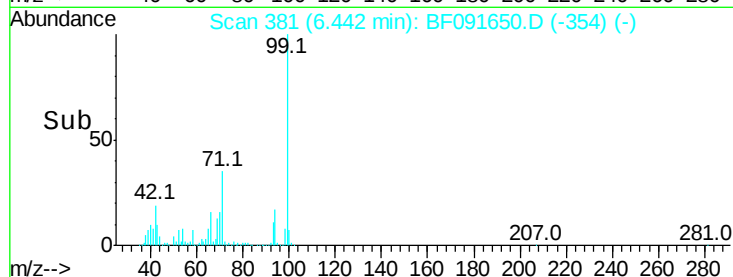
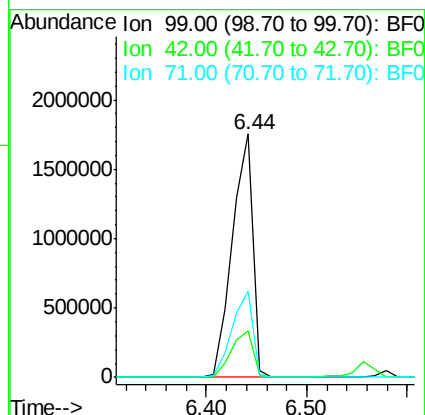
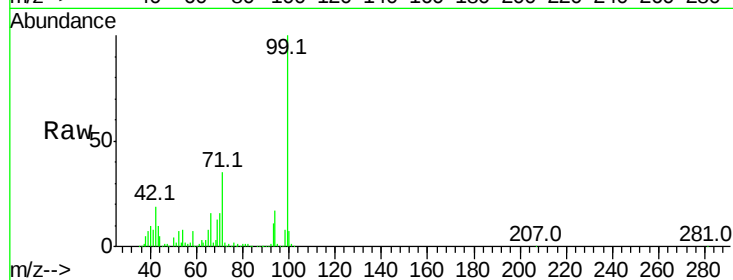
BNA_F

ClientSampleId :

IDW-SOIL-01MSD

Tot Ion: 99 Resp: 2481911

Ion	Ratio	Lower	Upper
99	100		
42	19.2	20.6	31.0#
71	35.4	29.9	44.9



#8

2-Chlorophenol

Concen: 14.96 ng

RT: 6.58 min Scan# 393

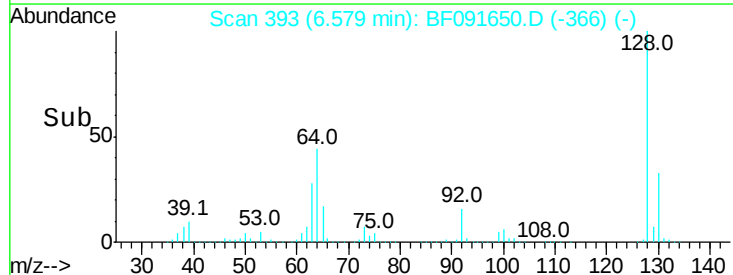
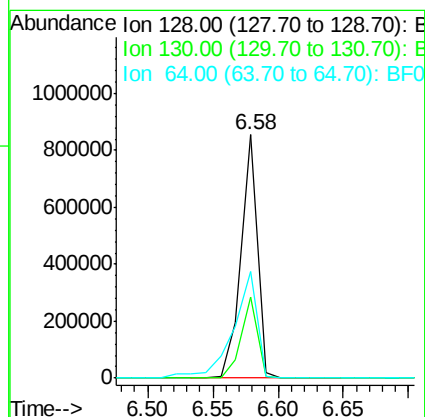
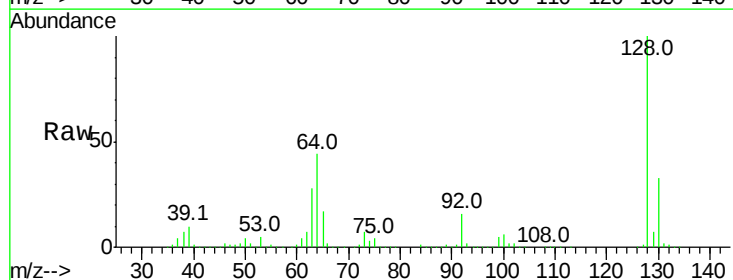
Delta R.T. 0.01 min

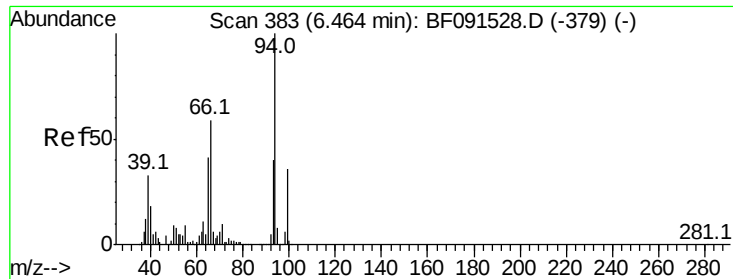
Lab File: BF091650.D

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





#10

Phenol

Concen: 18.60 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

Instrument :

BNA_F

ClientSampleId :

IDW-SOIL-01MSD

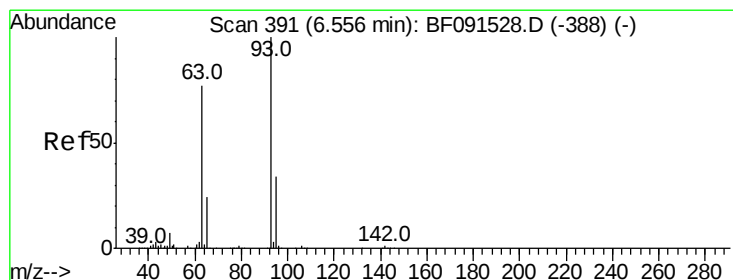
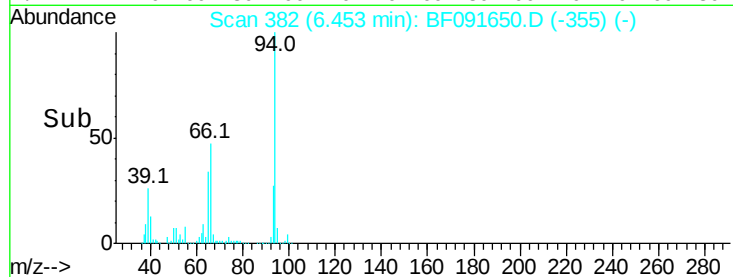
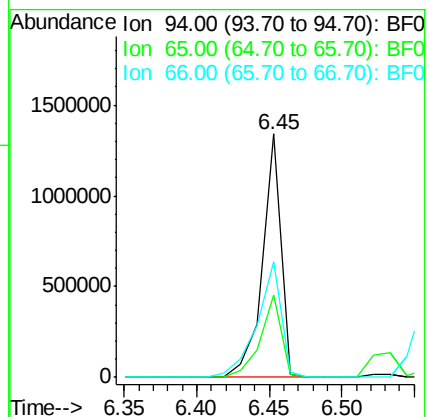
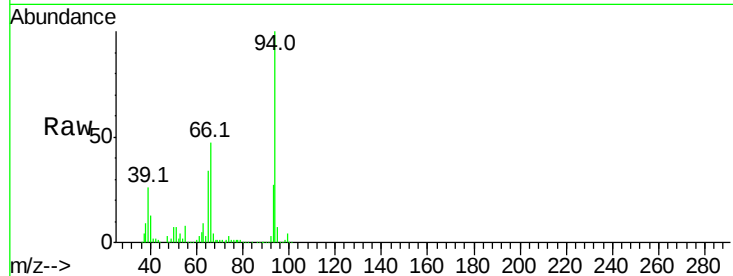
Tot Ion: 94 Resp: 1185128

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

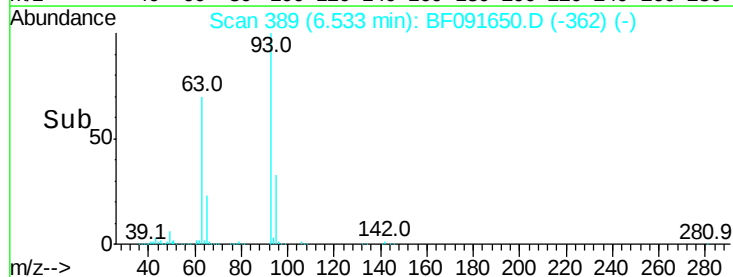
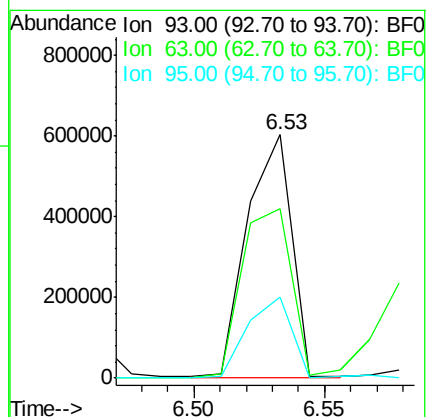
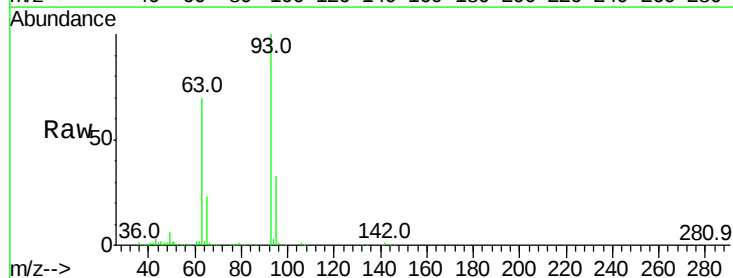
Tgt Ion: 93 Resp: 727494

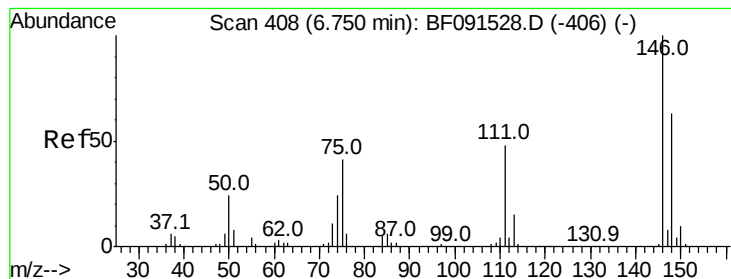
Ion Ratio Lower Upper

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

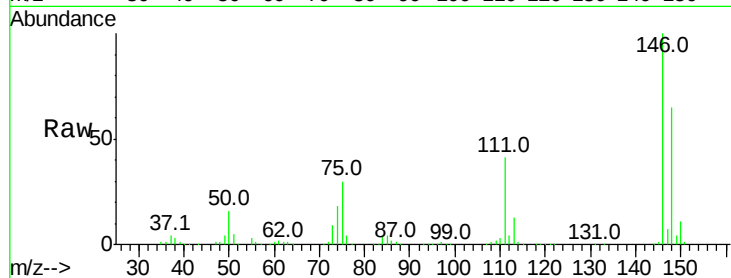
Tot Ion:146 Resp: 792905

Ion Ratio Lower Upper

146 100

148 65.3 51.4 77.0

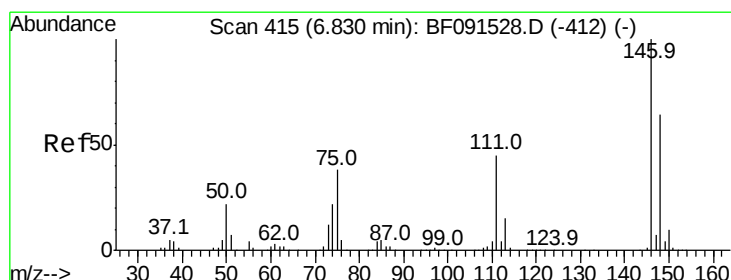
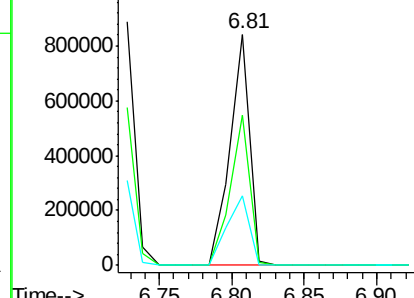
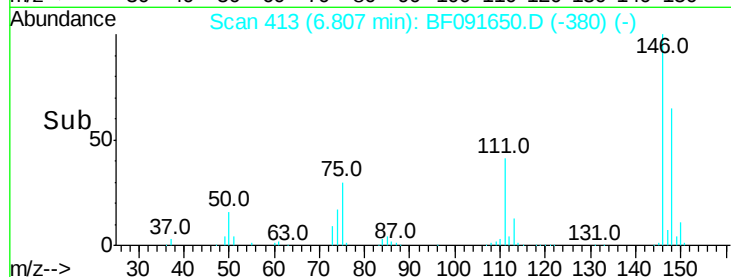
75 30.3 23.6 35.4



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

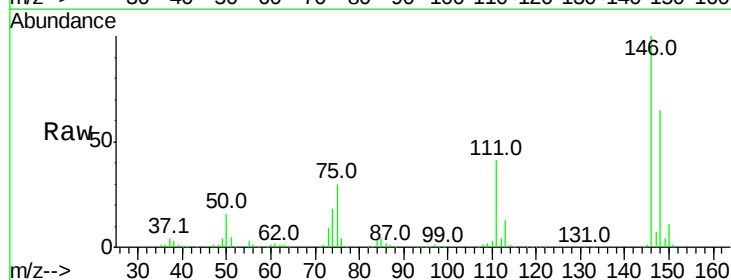
Tgt Ion:146 Resp: 792905

Ion Ratio Lower Upper

146 100

148 65.3 51.4 77.0

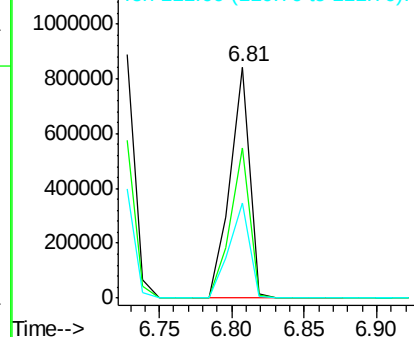
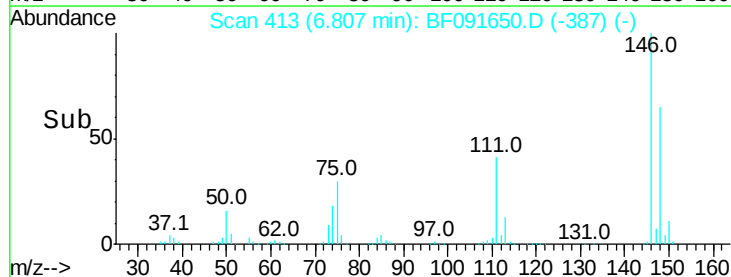
111 41.1 32.2 48.2

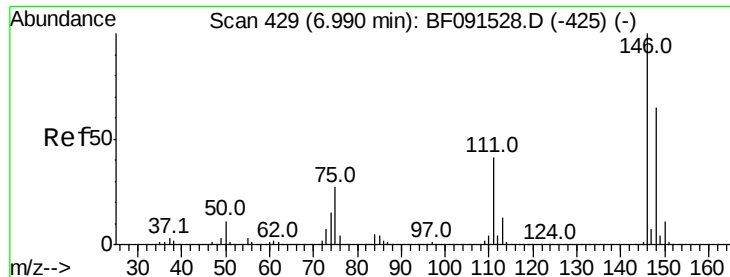


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

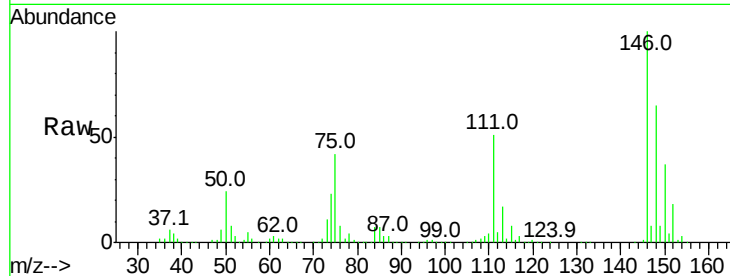




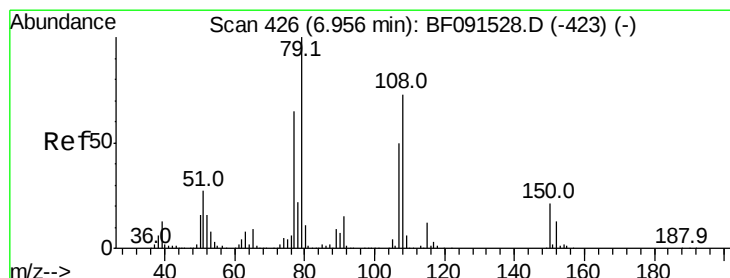
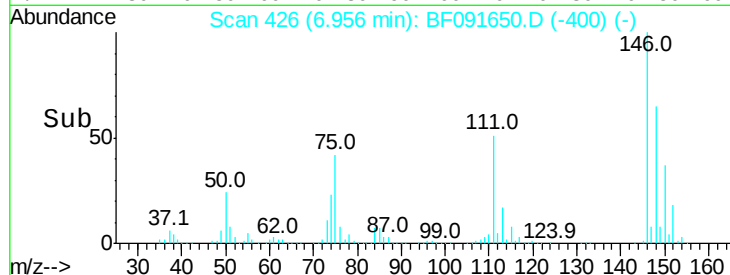
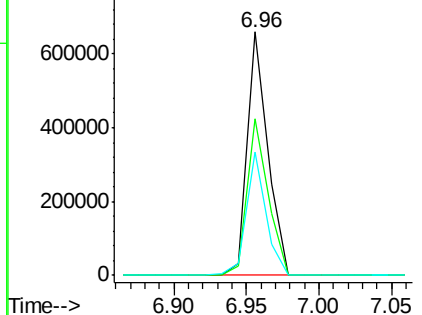
#14
 1,2-Dichlorobenzene
 Concen: 13.61 ng
 RT: 6.96 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BF091650.D
 Acq: 16 Dec 2016 1:18

Instrument :
 BNA_F
 ClientSampleId :
 IDW-SOIL-01MSD

Tot Ion:146 Resp: 647280
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.0 76.6
 111 50.7 38.9 58.3

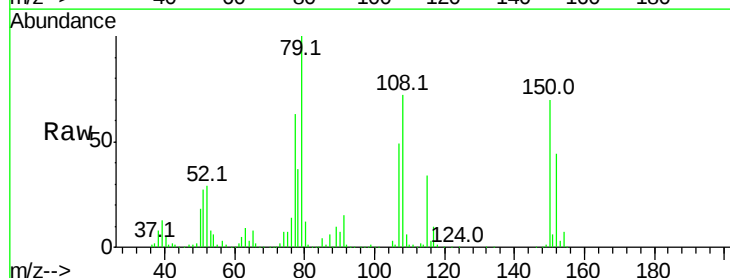


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

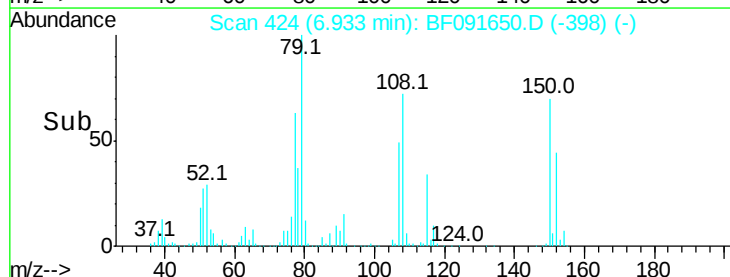
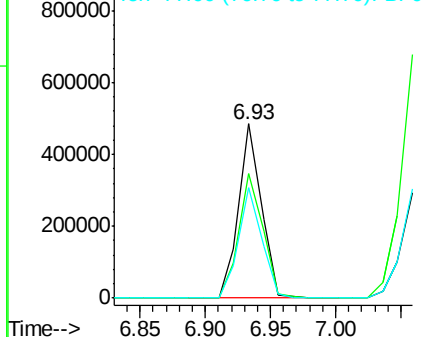


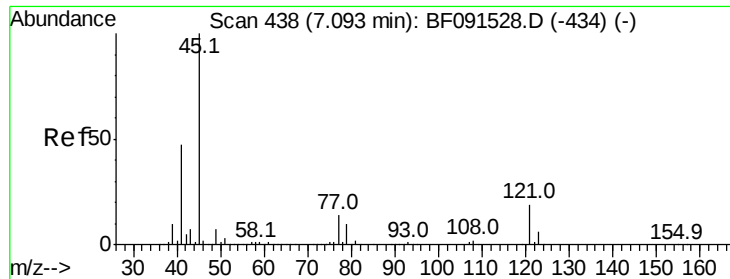
#15
 Benzyl Alcohol
 Concen: 13.67 ng
 RT: 6.93 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: BF091650.D
 Acq: 16 Dec 2016 1:18

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

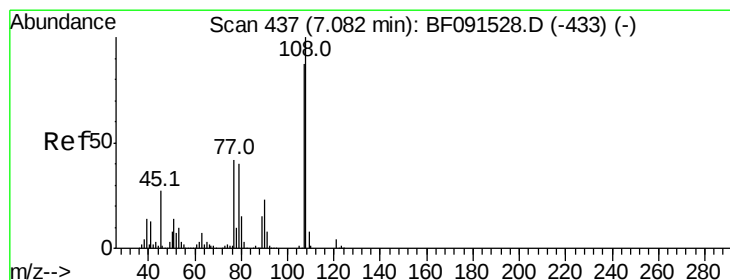
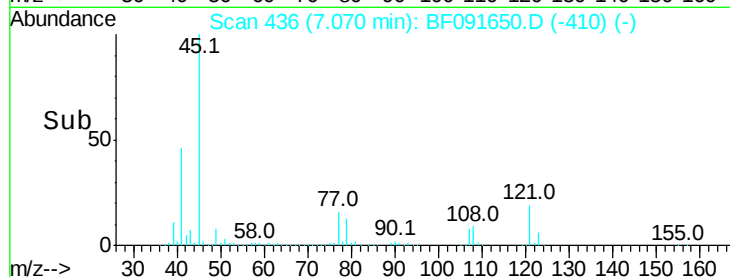
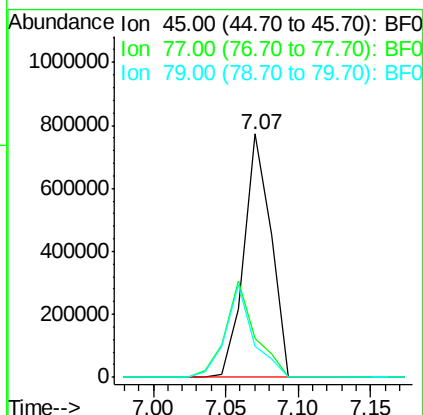
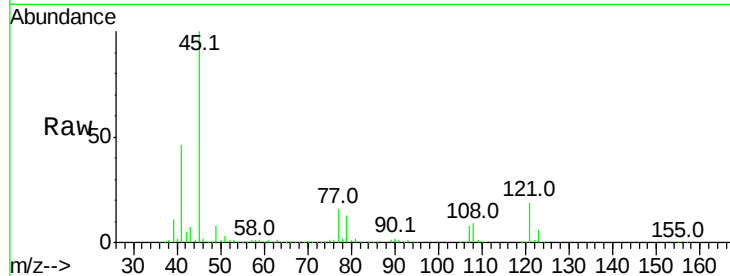




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 13.43 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

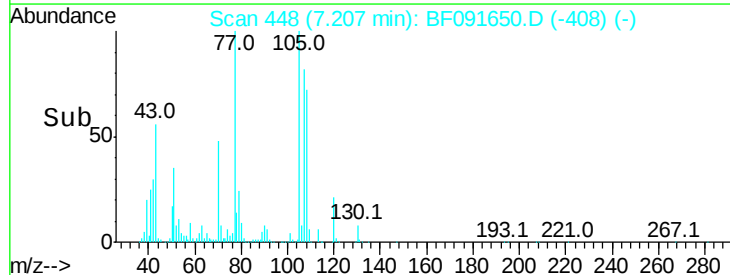
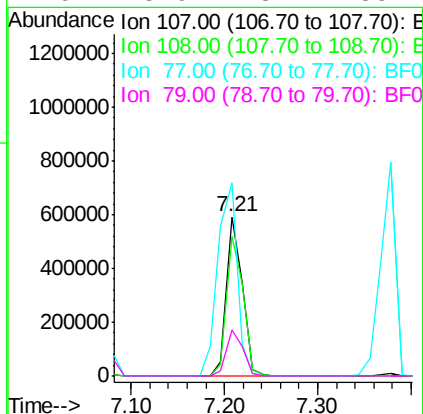
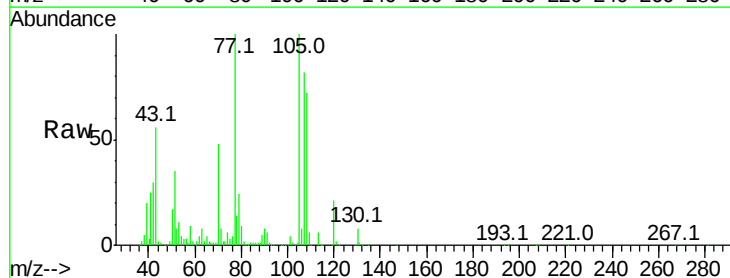
Instrument :
BNA_F
ClientSampleId :
IDW-SOIL-01MSD

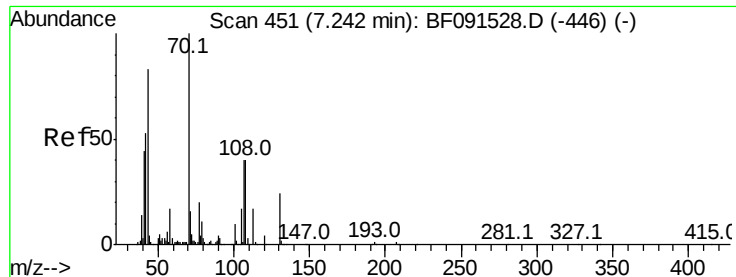
Tot Ion: 45 Resp: 995709
Ion Ratio Lower Upper
45 100
77 16.1 3.8 43.8
79 13.1 0.2 40.2



#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

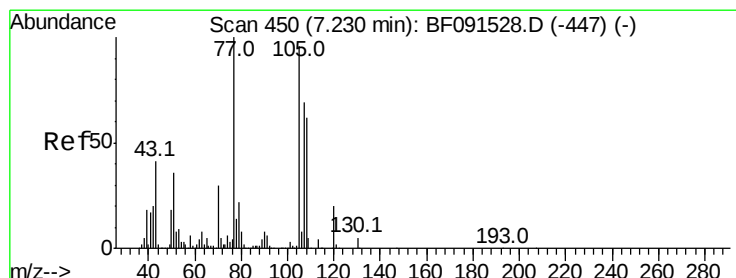
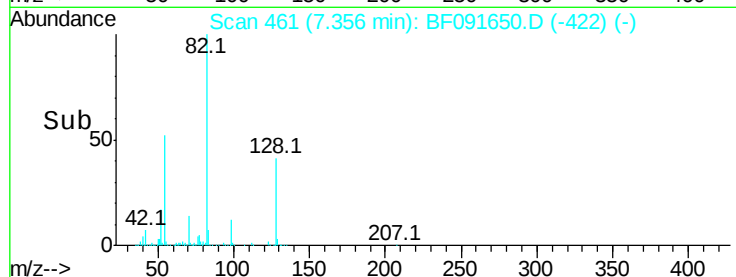
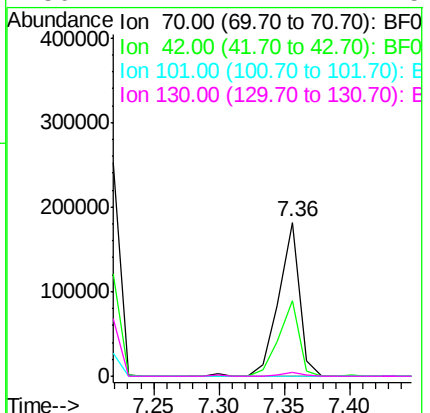
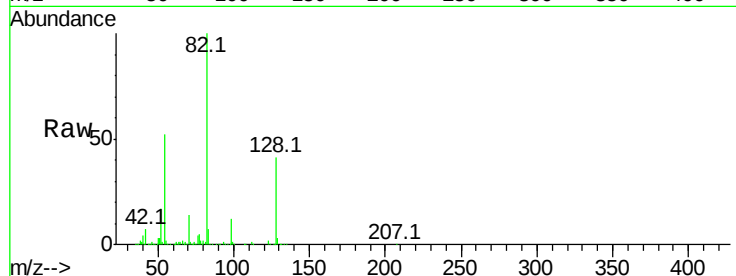




#19
n-Nitroso-di-n-propylamine
Concen: 6.05 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.15 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

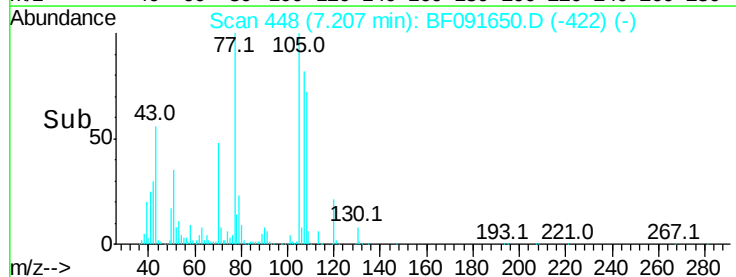
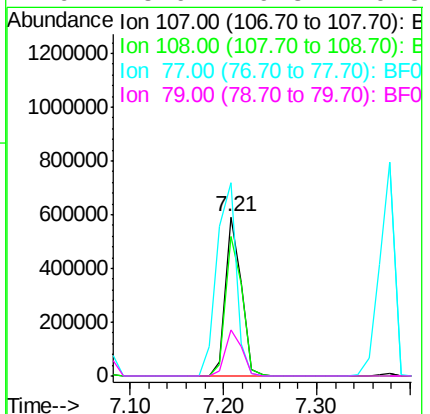
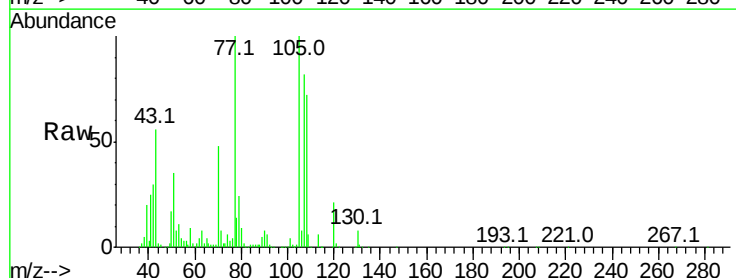
Instrument :
BNA_F
ClientSampleId :
IDW-SOIL-01MSD

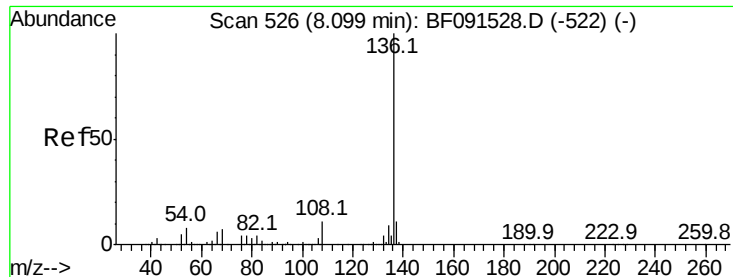
Tot Ion:	70	Resp:	206215
Ion	Ratio	Lower	Upper
70	100		
42	49.3	64.8	97.2#
101	0.0	6.2	9.4#
130	2.2	11.7	17.5#



#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

Tot Ion:136 Resp: 511

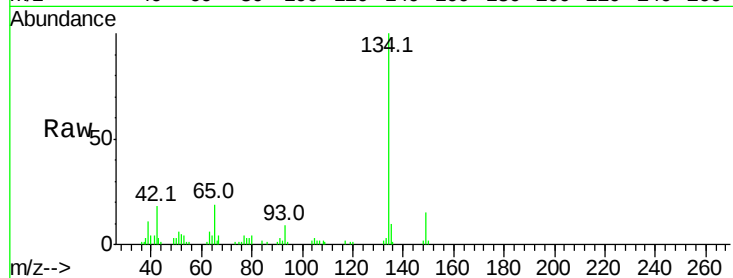
Ion Ratio Lower Upper

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

600

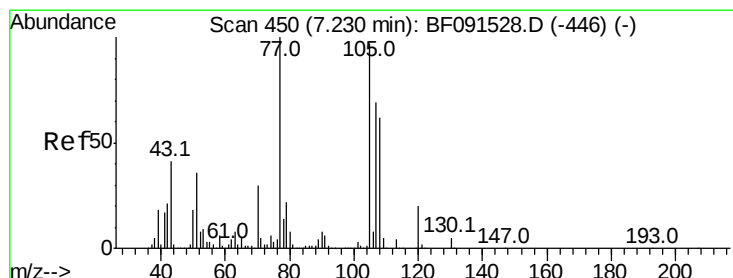
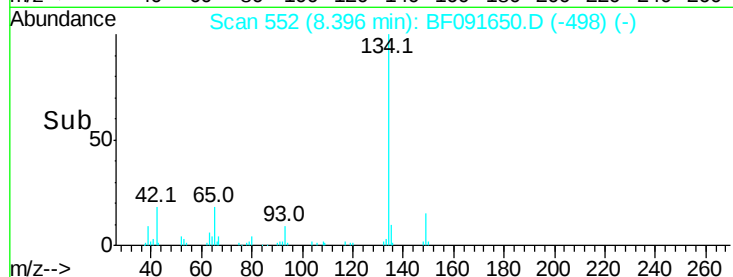
400

200

0

8.35 8.40

Time-->



#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

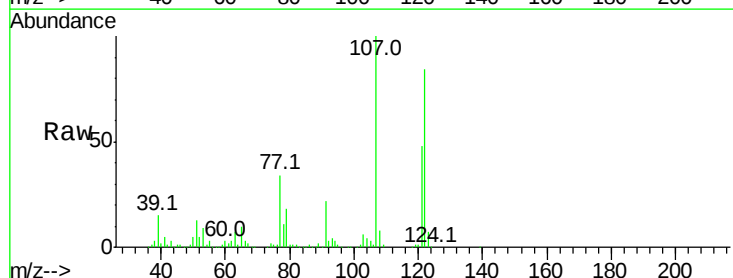
Ion Ratio Lower Upper

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

120000

100000

80000

60000

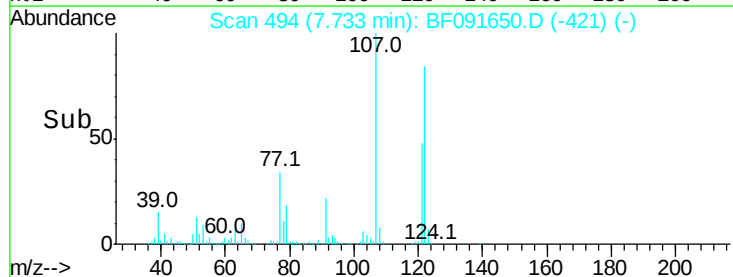
40000

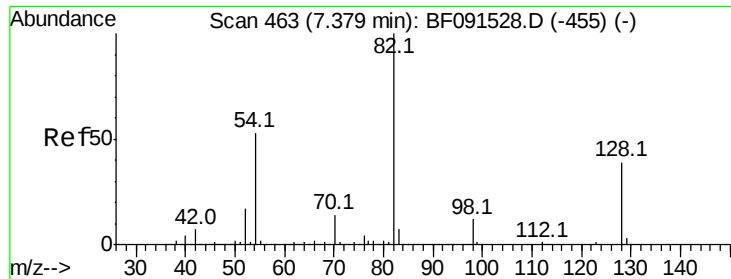
20000

0

7.68 7.70 7.72 7.74 7.76

Time-->

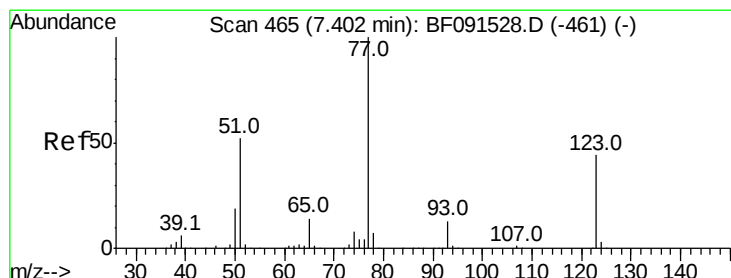
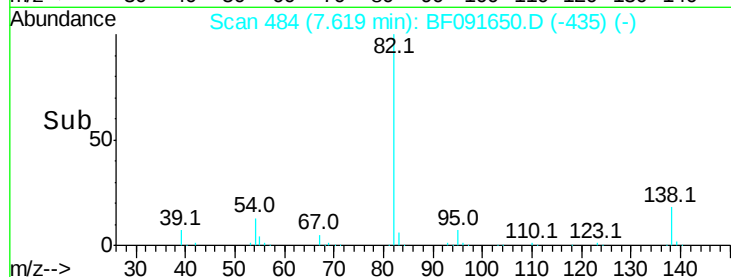
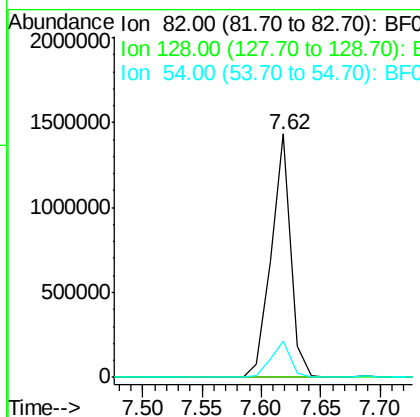
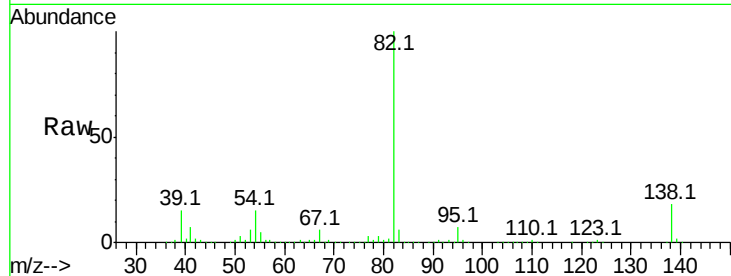




#23
Nitrobenzene-d5
Concen: 179257.29 ng
RT: 7.62 min Scan# 484
Delta R.T. 0.26 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

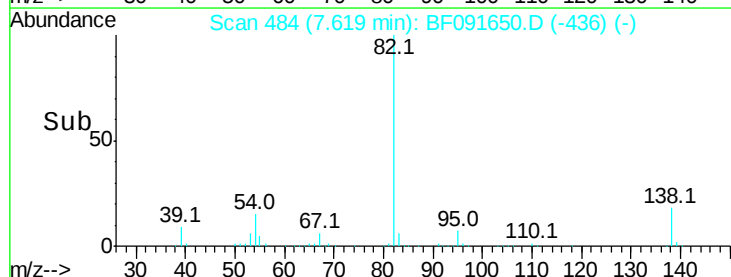
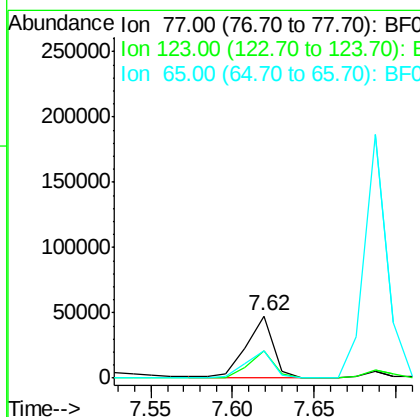
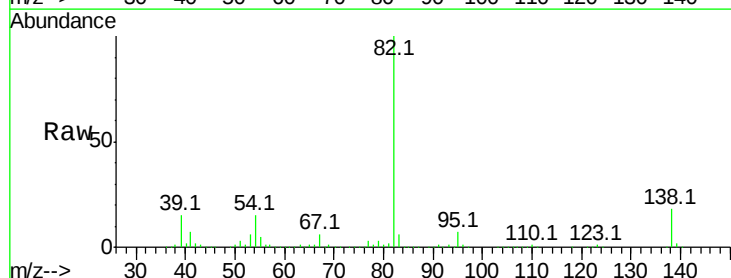
Instrument :
BNA_F
ClientSampleId :
IDW-SOIL-01MSD

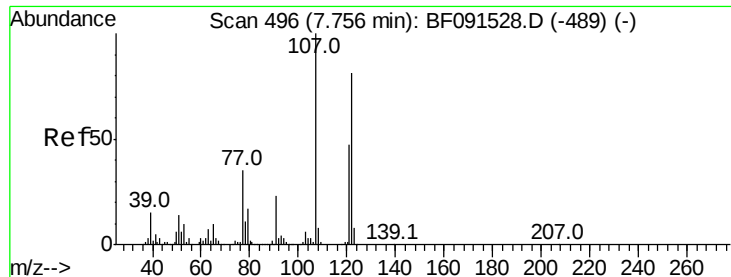
Tot Ion: 82 Resp: 1641210
Ion Ratio Lower Upper
82 100
128 0.0 31.8 47.6#
54 15.1 49.1 73.7#



#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

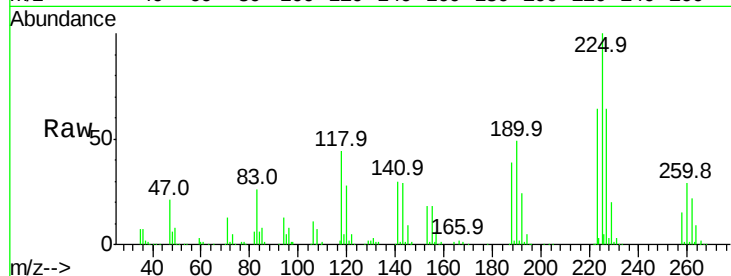
Tot Ion:122 Resp: 14977

Ion Ratio Lower Upper

122 100

107 10.1 96.8 145.2#

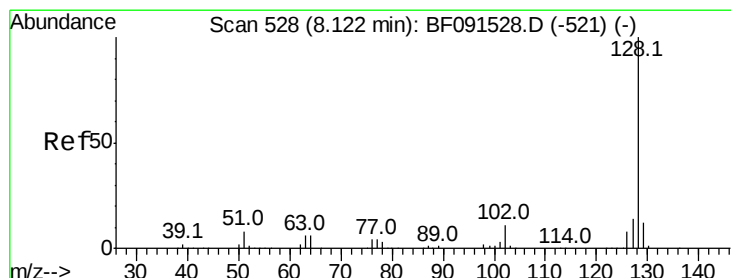
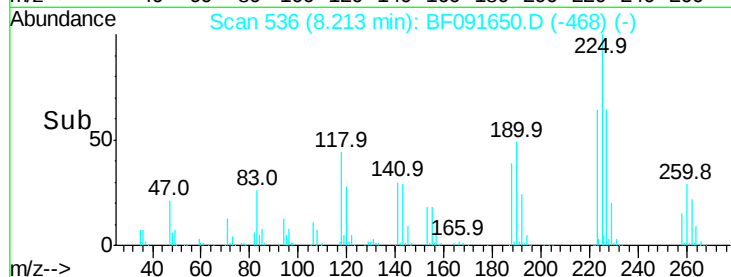
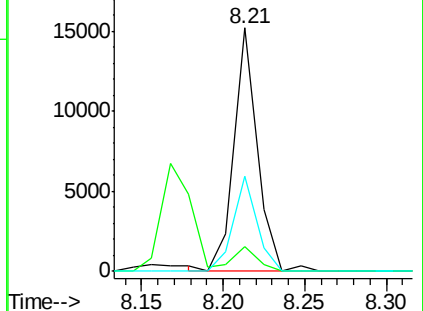
121 39.2 47.7 71.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#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

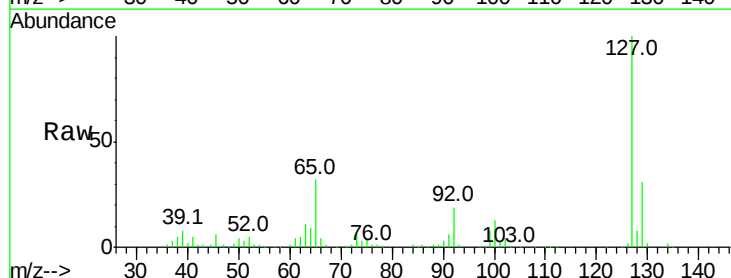
Tgt Ion:128 Resp: 16531

Ion Ratio Lower Upper

128 100

129 394.0 9.1 13.7#

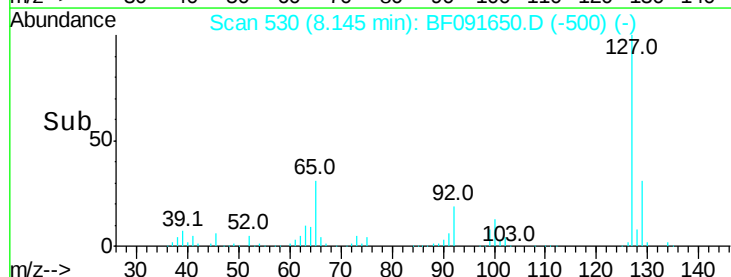
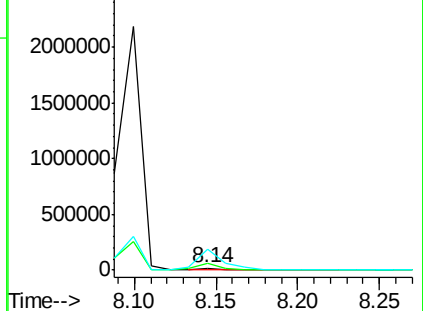
127 1254.9 11.0 16.4#

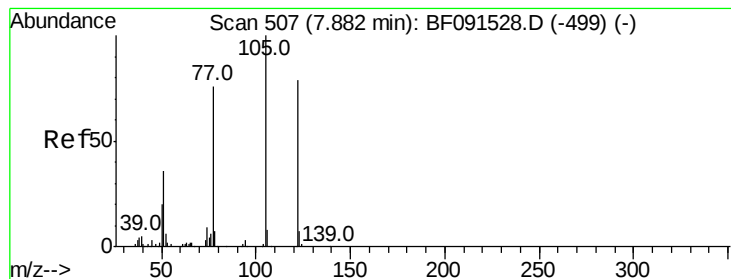


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#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

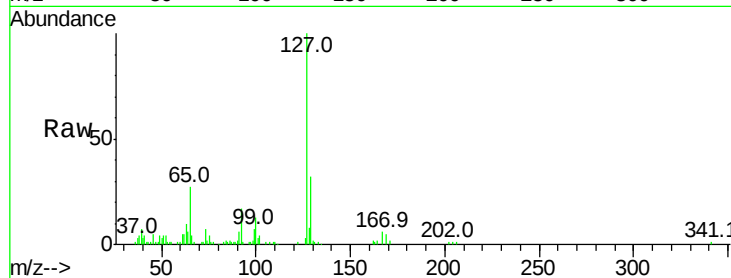
Tot Ion:122 Resp: 966

Ion Ratio Lower Upper

122 100

105 92.5 113.0 153.0#

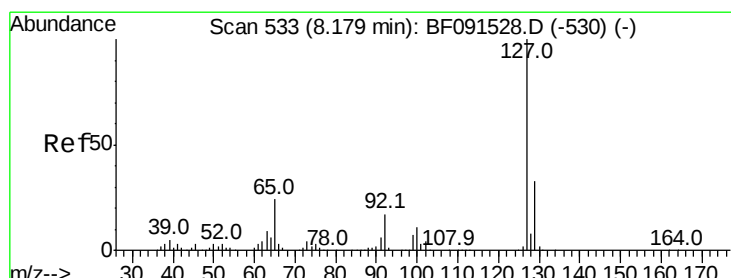
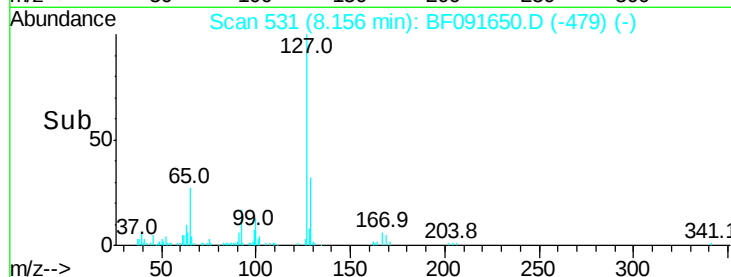
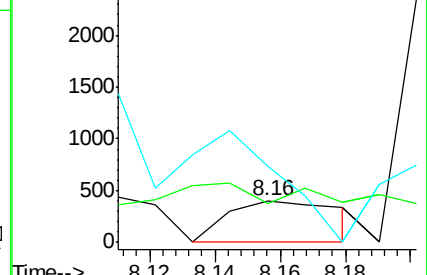
77 182.0 82.0 122.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#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

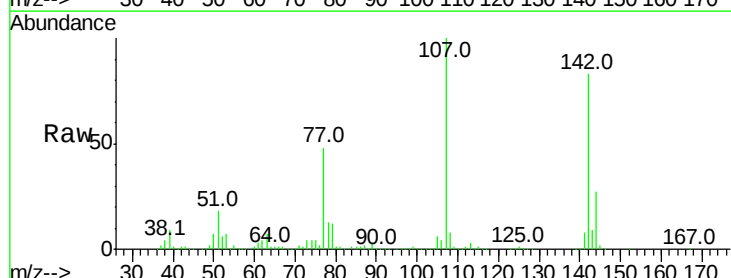
Ion Ratio Lower Upper

127 100

129 0.0 26.2 39.4#

65 246.6 26.6 39.8#

92 23.5 15.4 23.0#

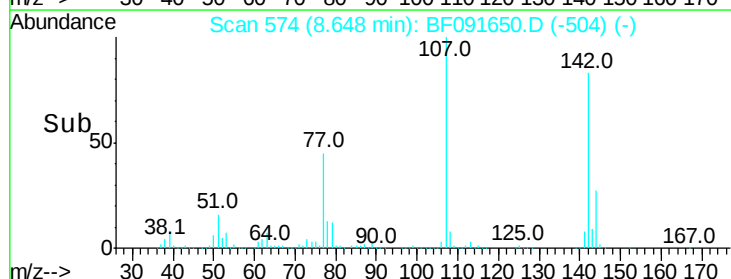
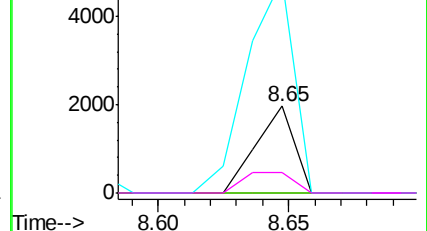


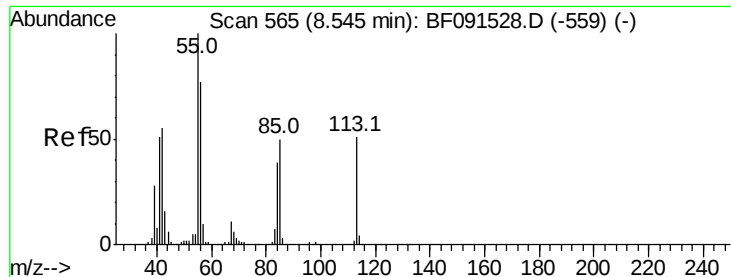
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

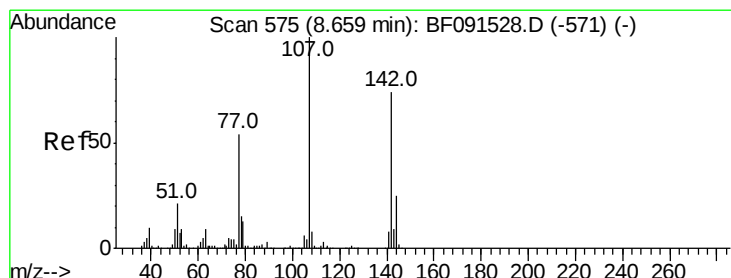
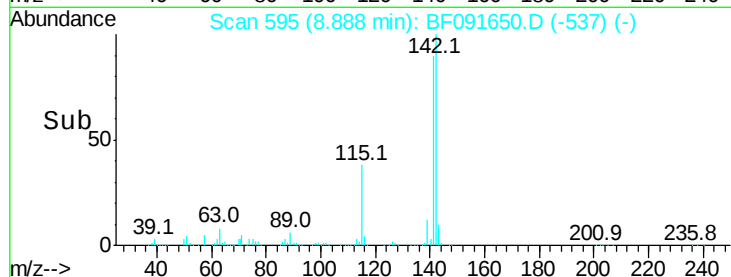
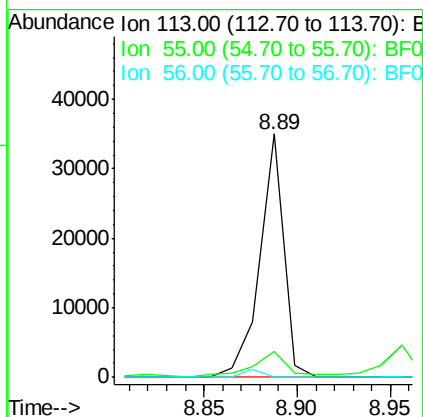
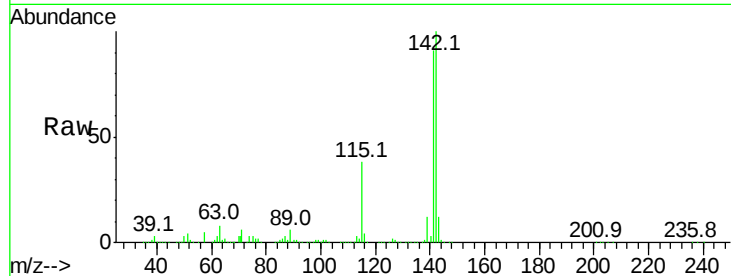




#35
Caprolactam
Concen: 16553.17 ng
RT: 8.89 min Scan# 595
Delta R.T. 0.37 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

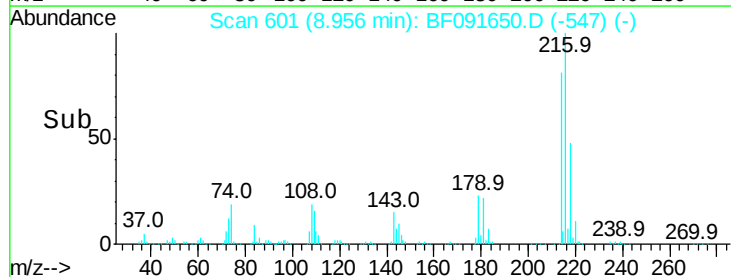
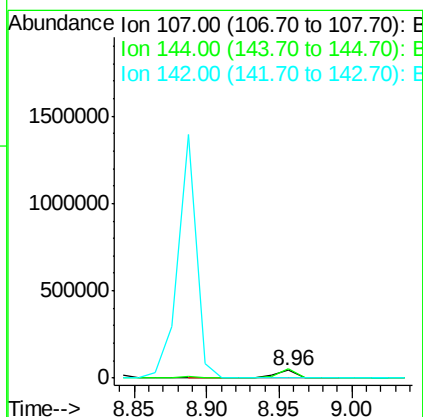
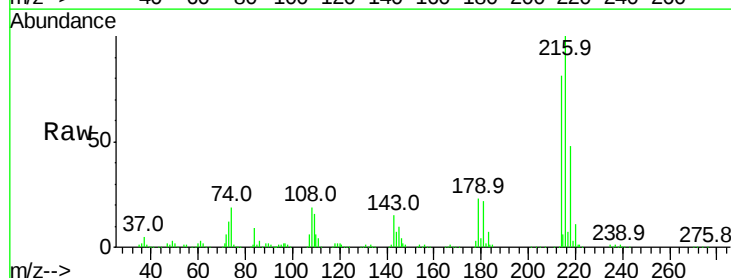
Instrument :
BNA_F
ClientSampleId :
IDW-SOIL-01MSD

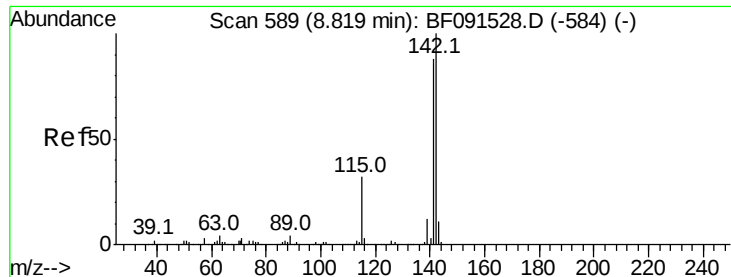
Tot Ion:113 Resp: 31539
Ion Ratio Lower Upper
113 100
55 10.6 239.8 279.8#
56 0.0 165.6 205.6#



#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#

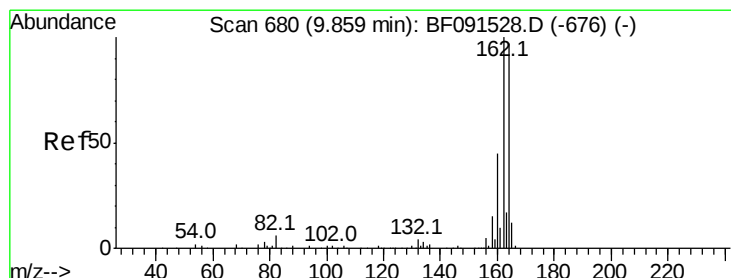
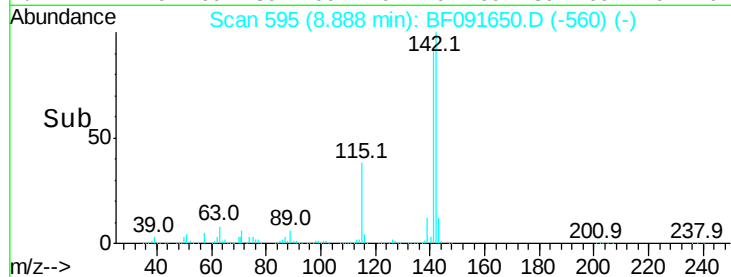
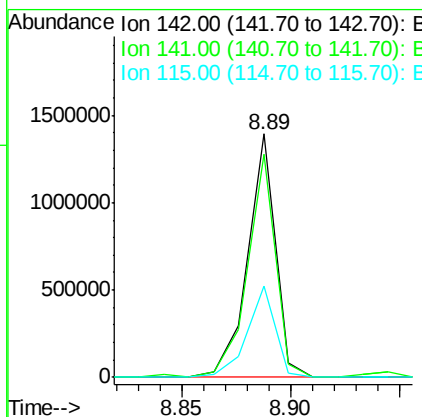
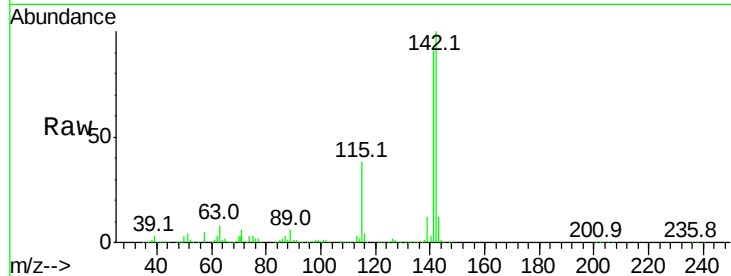




#37
2-Methylnaphthalene
Concen: 80720.67 ng
RT: 8.89 min Scan# 595
Delta R.T. 0.10 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

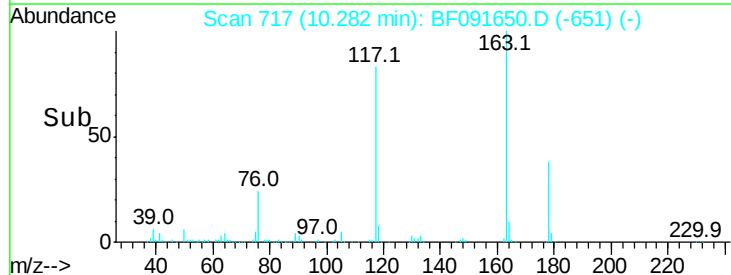
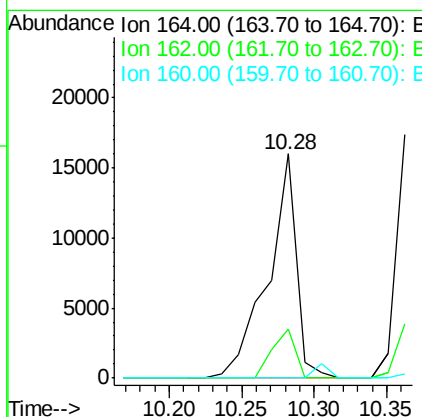
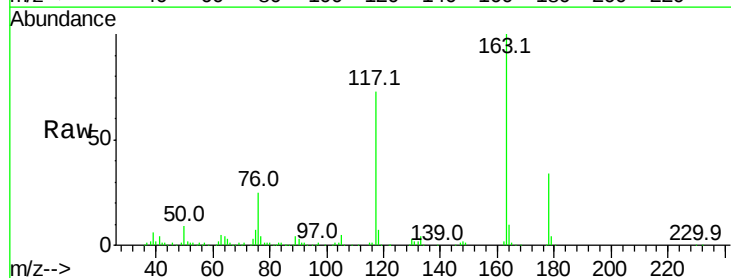
Instrument :
BNA_F
ClientSampleId :
IDW-SOIL-01MSD

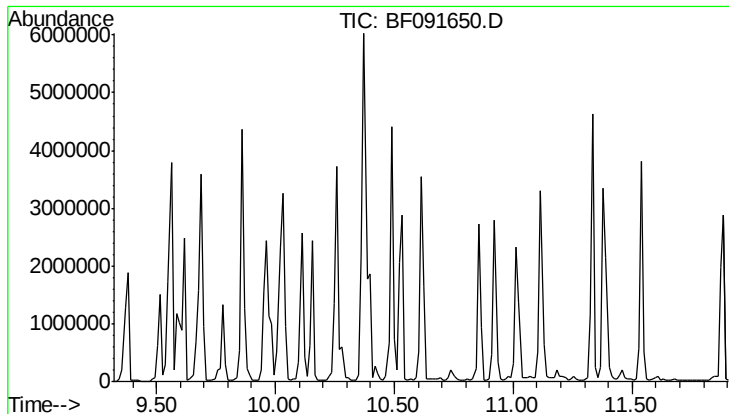
Tot Ion:142 Resp: 1242159
Ion Ratio Lower Upper
142 100
141 91.5 71.7 107.5
115 37.7 25.0 37.6#



#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#

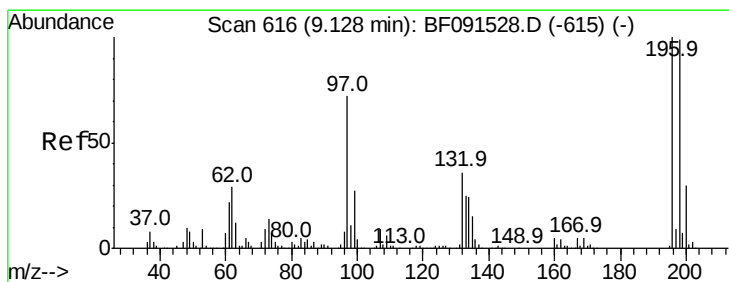
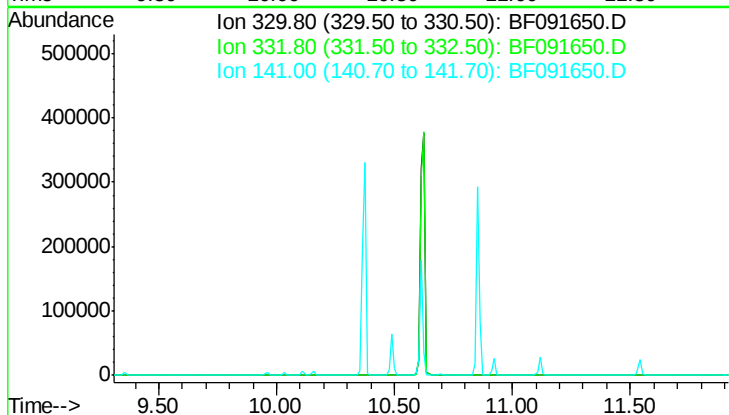




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.61 min
 Lab File: BF091650.D
 Acq: 16 Dec 2016 1:18

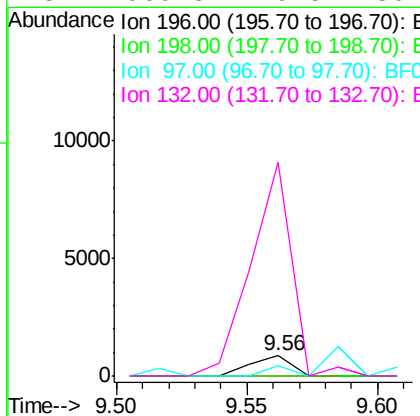
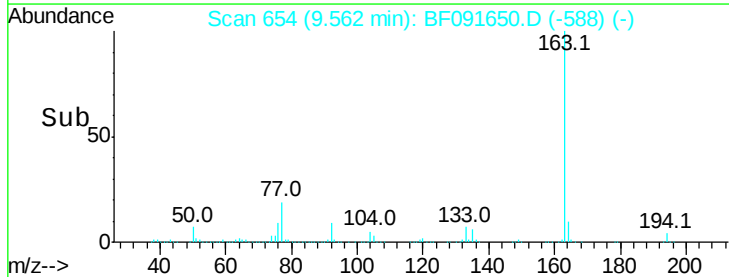
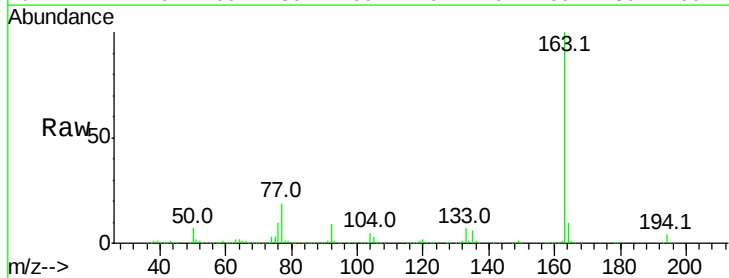
Instrument :
 BNA_F
 ClientSampleId :
 IDW-SOIL-01MSD

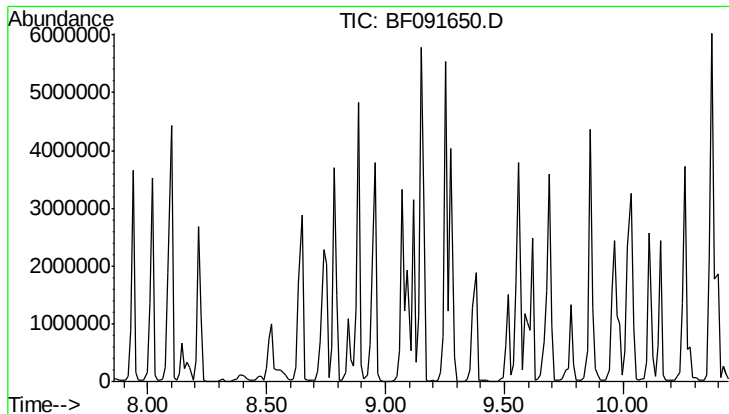
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.3
 141 42.0



#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#

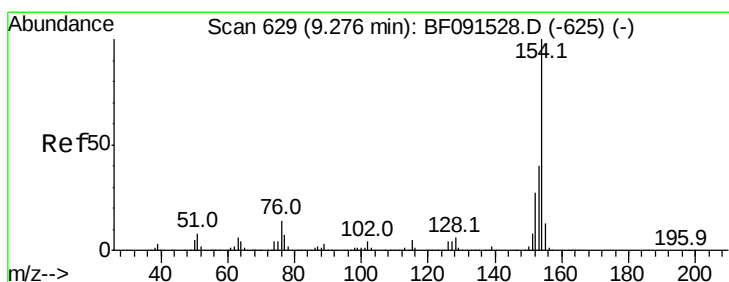
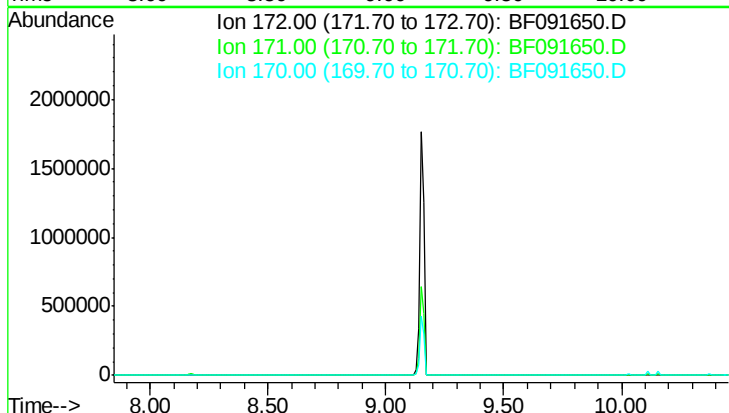




#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 9.15 min
 Lab File: BF091650.D
 Acq: 16 Dec 2016 1:18

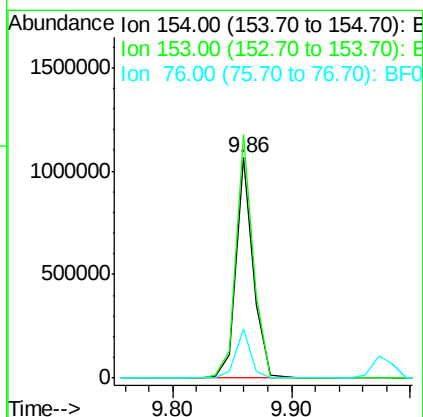
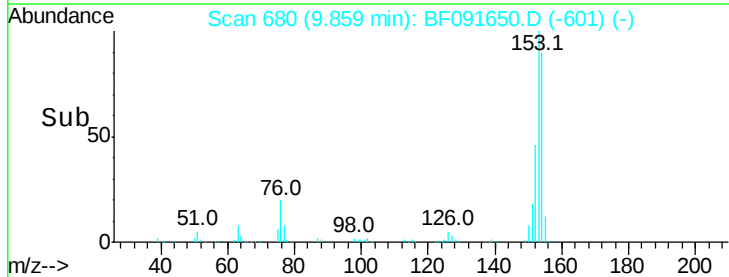
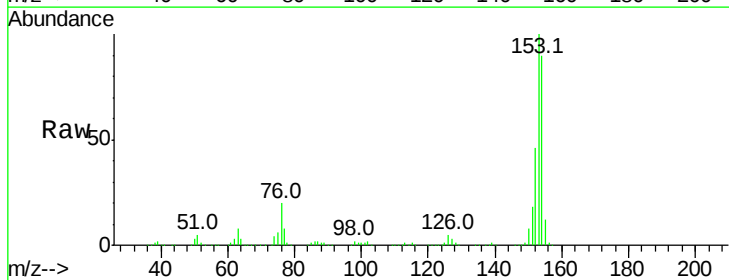
Instrument :
 BNA_F
 ClientSampleId :
 IDW-SOIL-01MSD

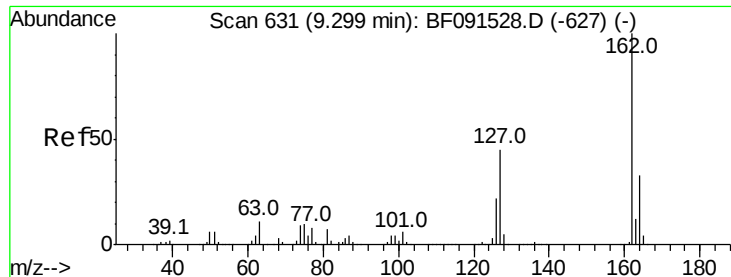
Tot Ion: 172
 Sig Exp Ratio
 172 100
 171 36.7
 170 24.6



#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

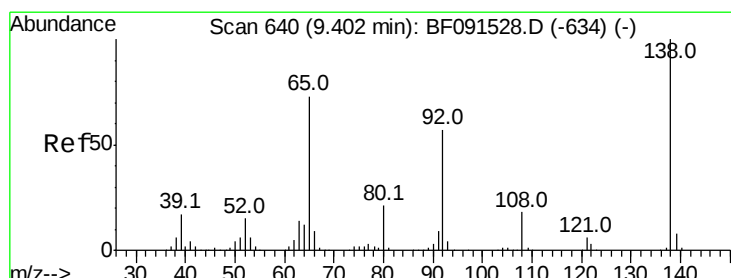
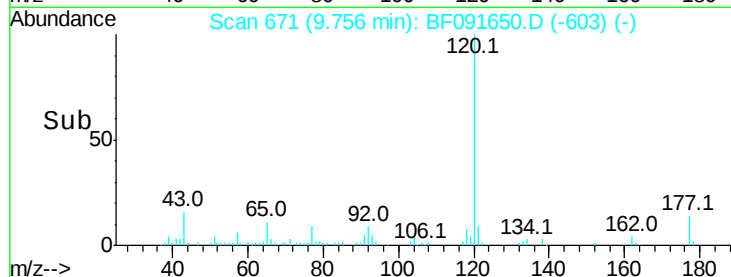
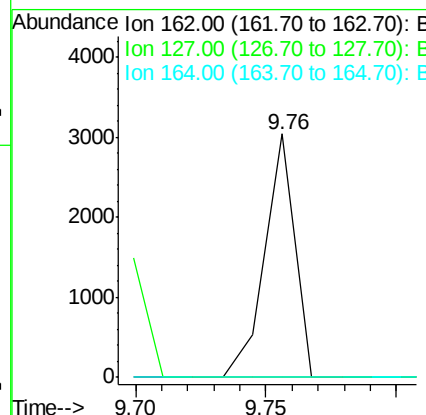
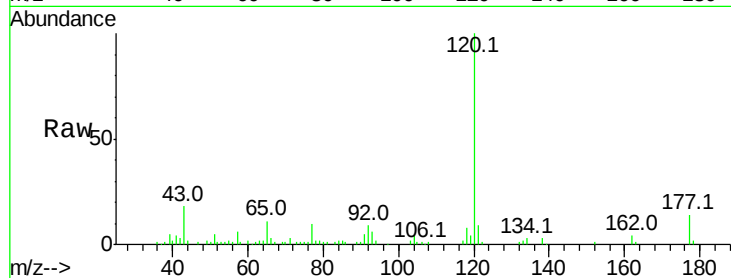




#46
2-Chloronaphthalene
Concen: 2.00 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.48 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

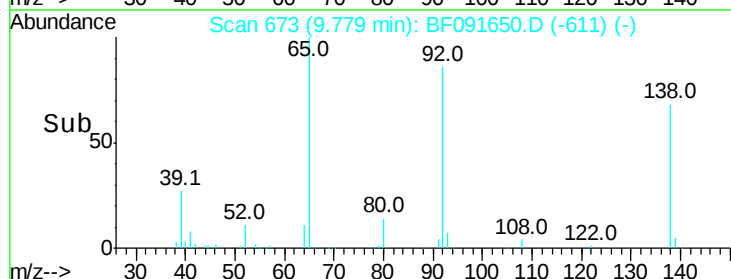
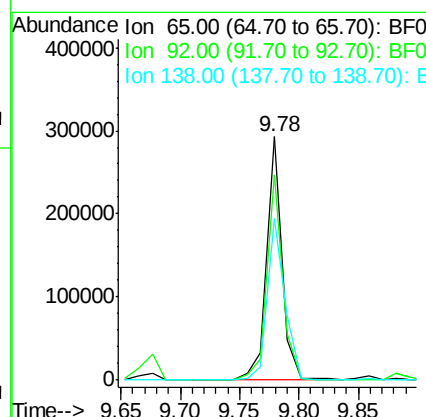
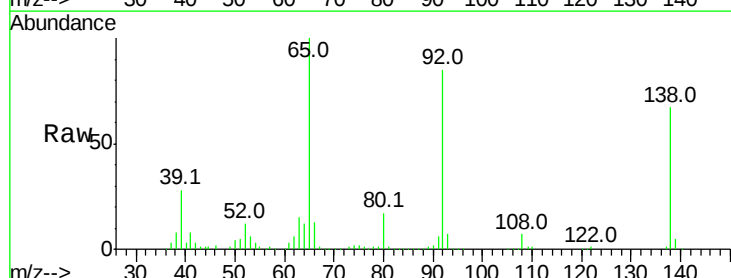
Instrument :
BNA_F
ClientSampleId :
IDW-SOIL-01MSD

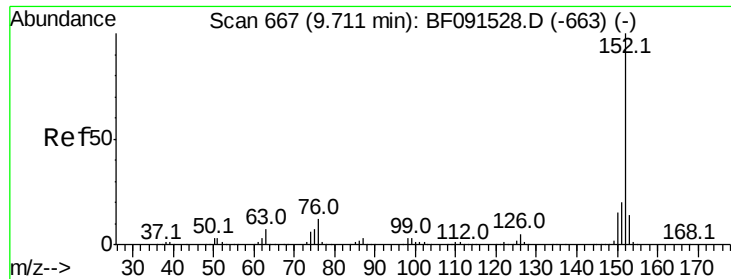
Tot Ion:162 Resp: 2451
Ion Ratio Lower Upper
162 100
127 0.0 34.3 51.5#
164 0.0 26.6 40.0#



#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

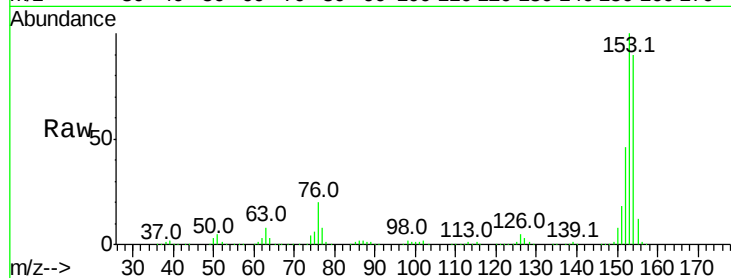
Tot Ion:152 Resp: 497148

Ion Ratio Lower Upper

152 100

151 38.2 16.6 24.8#

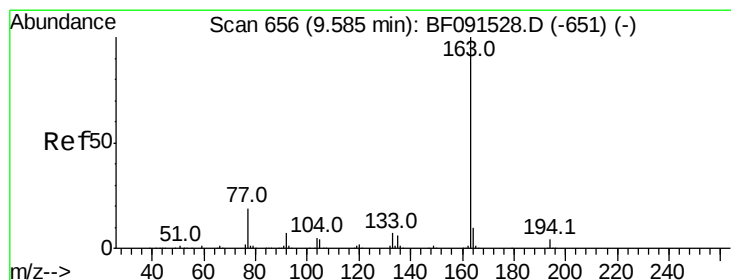
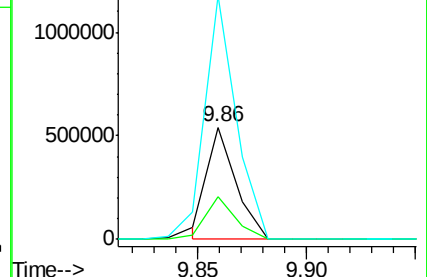
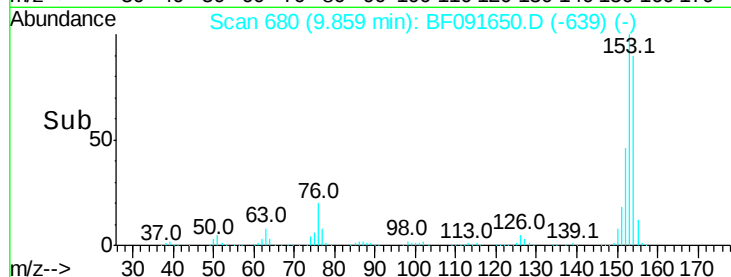
153 216.6 10.7 16.1#



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

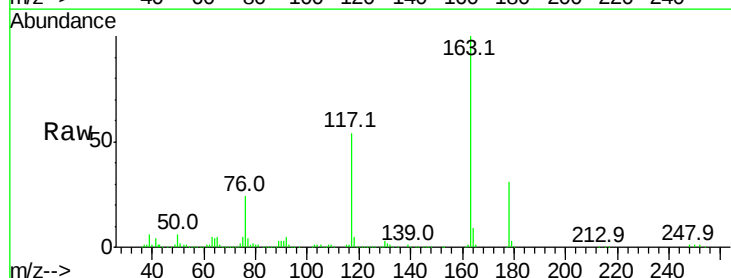
Tgt Ion:163 Resp: 399969

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.4#

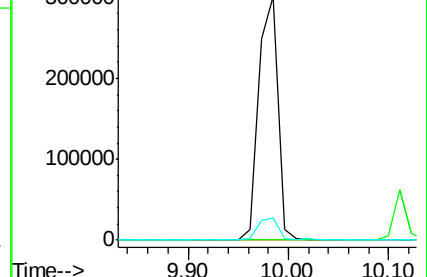
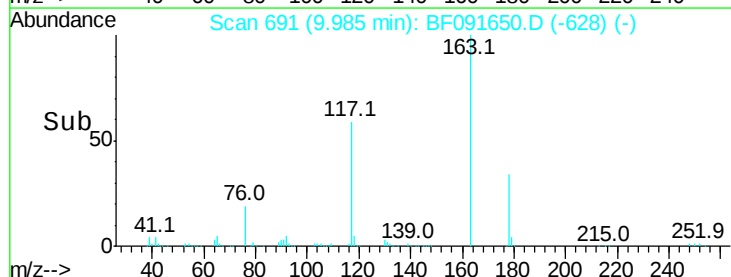
164 9.2 7.8 11.8

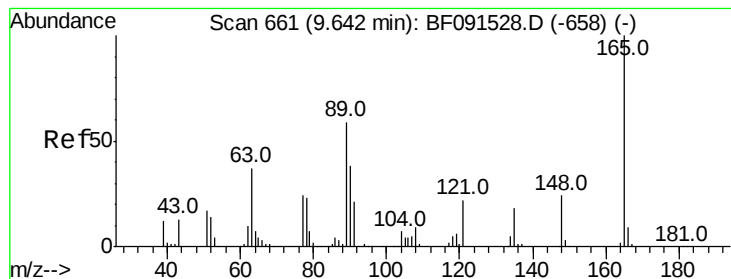


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

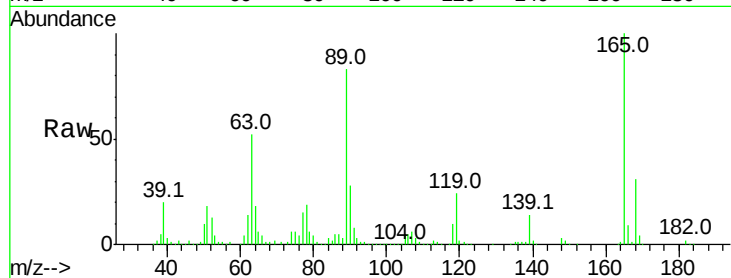




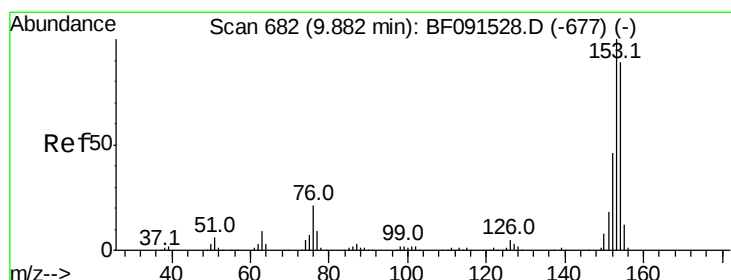
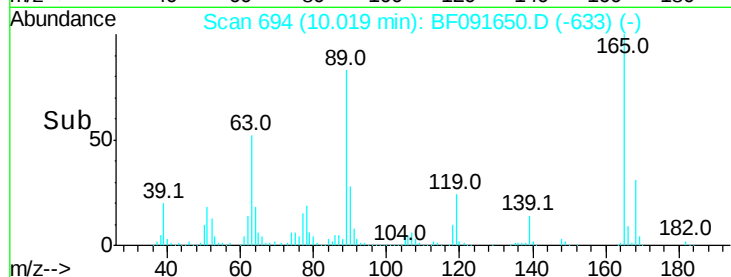
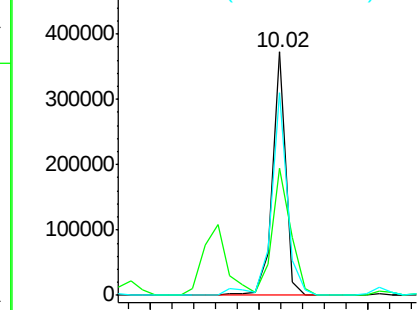
#50
2,6-Dinitrotoluene
Concen: 1056.76 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.40 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

Instrument :
BNA_F
ClientSampleId :
IDW-SOIL-01MSD

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

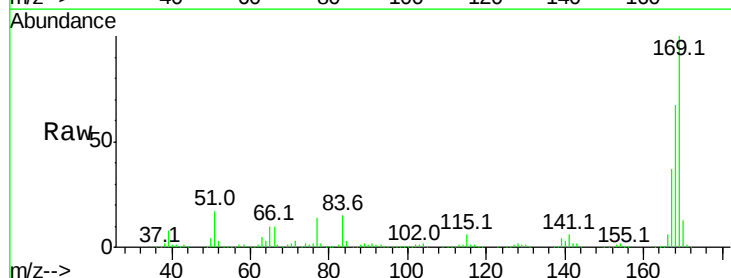


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

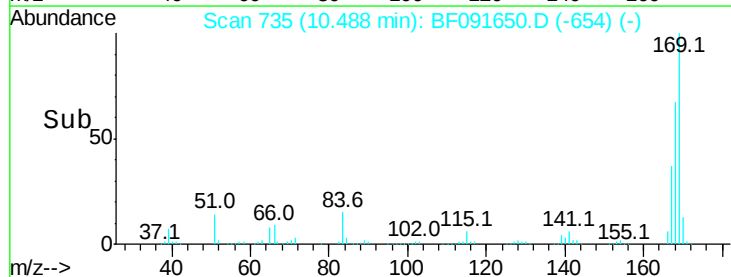
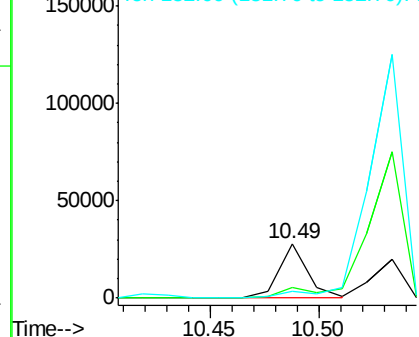


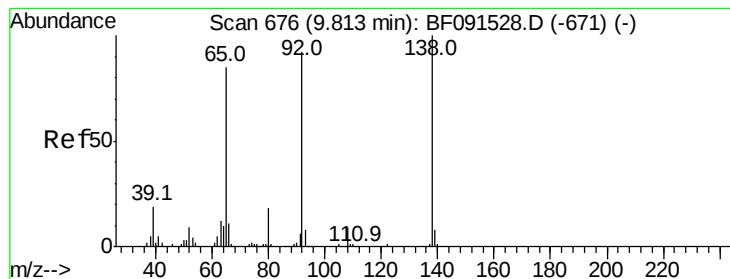
#51
Acenaphthene
Concen: 20.22 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.63 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

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

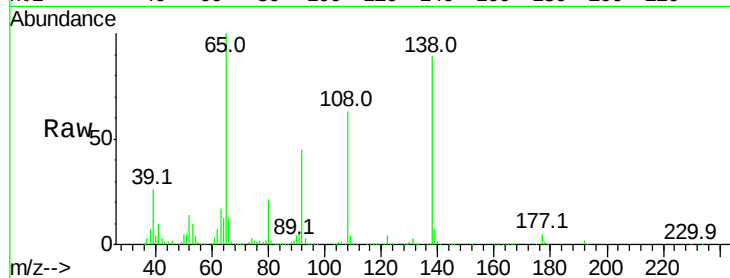
Tot Ion:138 Resp: 307966

Ion Ratio Lower Upper

138 100

108 70.5 8.1 12.1#

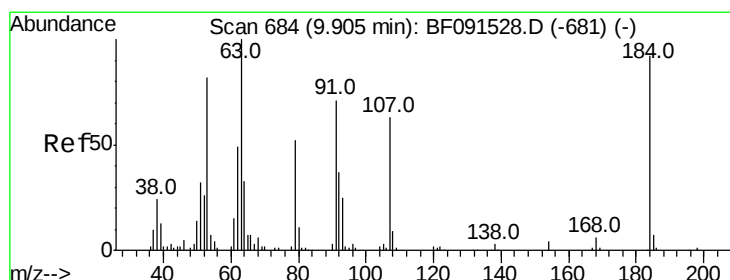
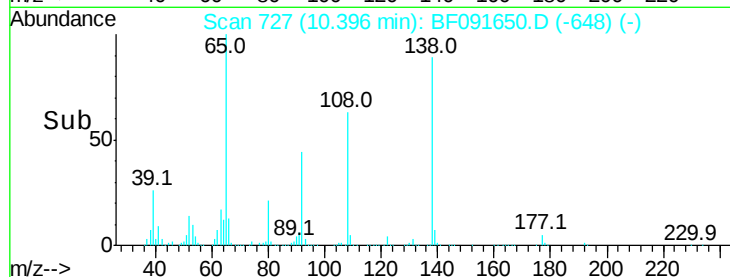
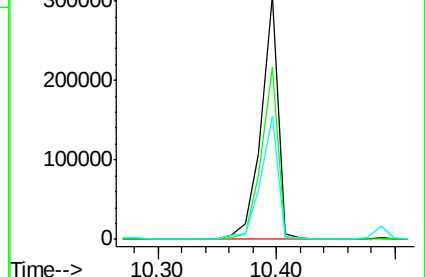
92 50.8 92.5 138.7#



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): E



#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

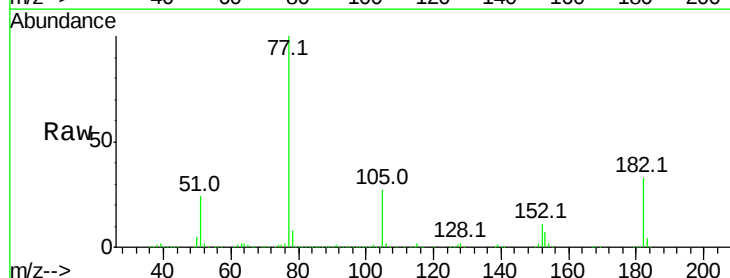
Tgt Ion:184 Resp: 3505

Ion Ratio Lower Upper

184 100

63 728.3 58.3 87.5#

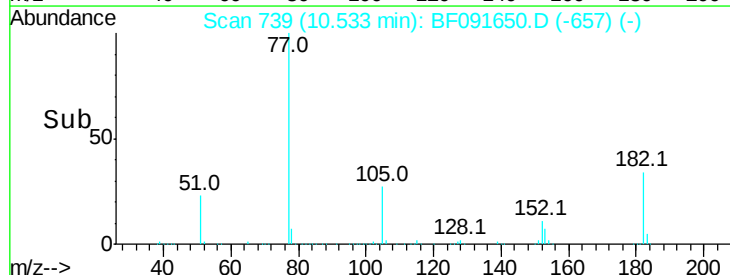
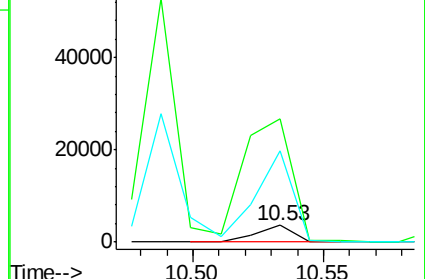
154 542.1 48.6 73.0#

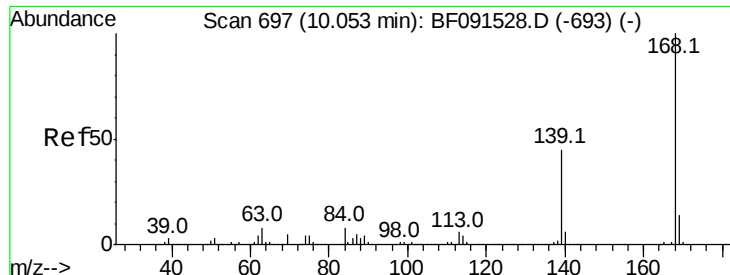


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

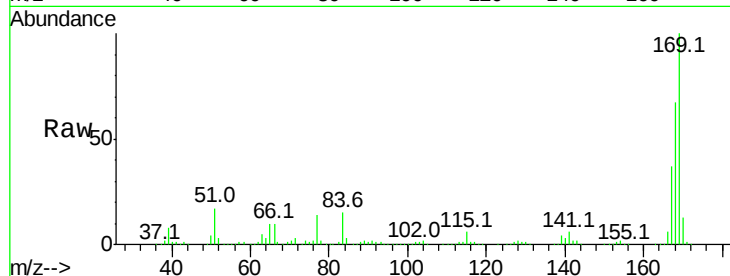




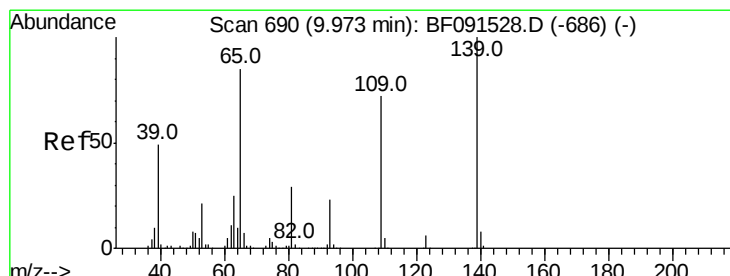
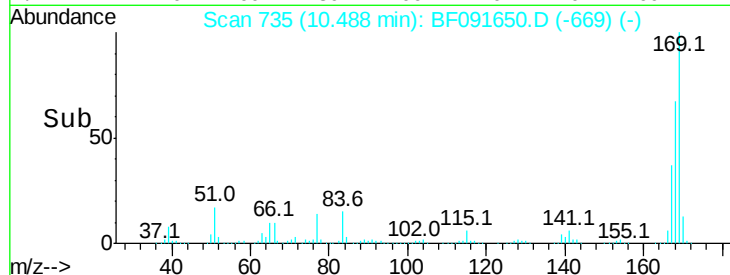
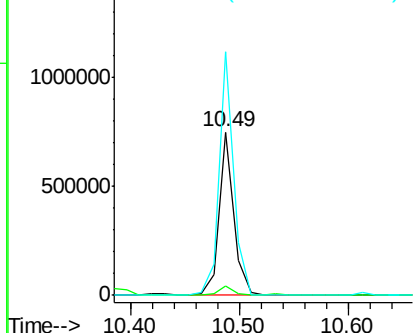
#54
Dibenzenofuran
Concen: 441.72 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.46 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

Instrument :
BNA_F
ClientSampleId :
IDW-SOIL-01MSD

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

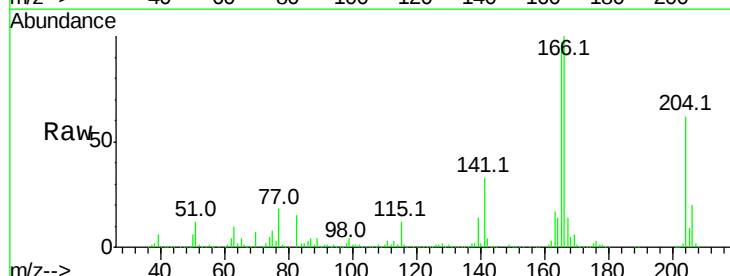


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

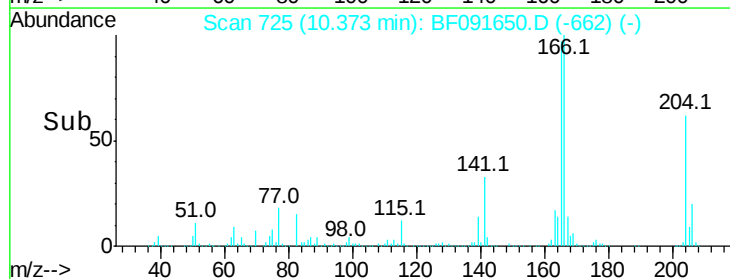
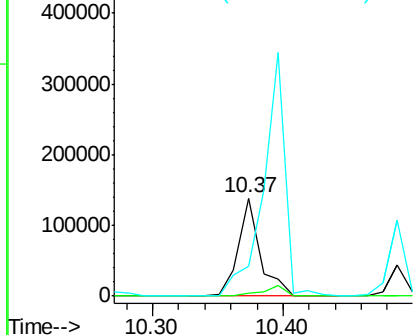


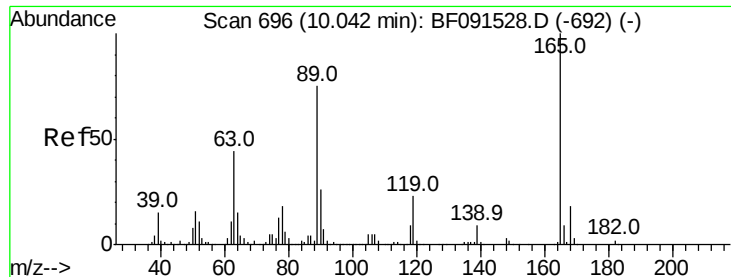
#55
4-Nitrophenol
Concen: 608.01 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.42 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

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

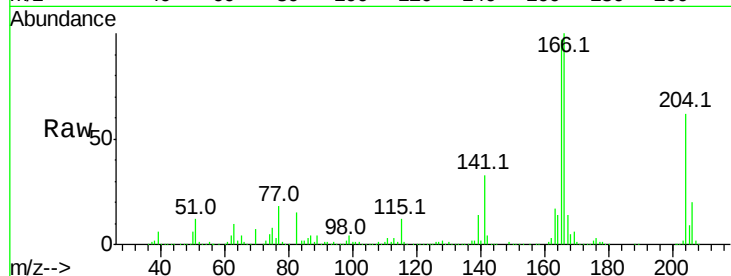




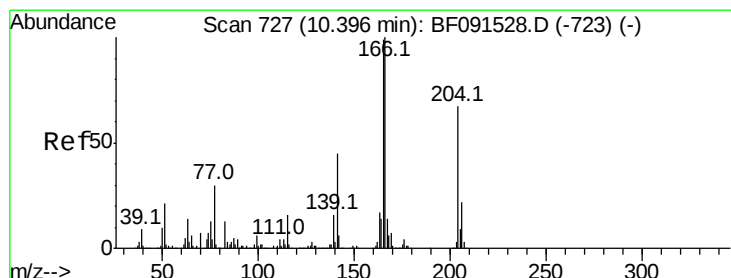
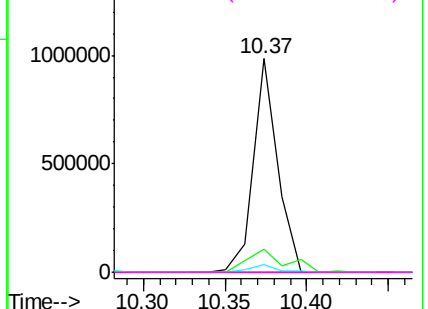
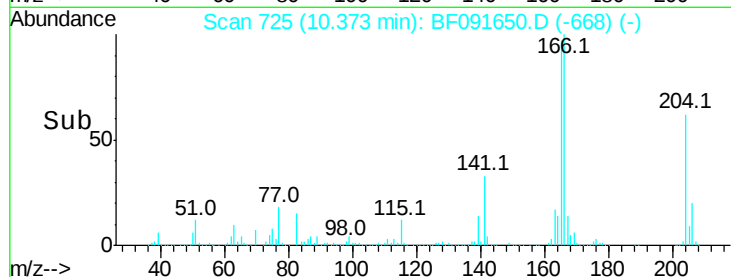
#56
2,4-Dinitrotoluene
Concen: 2662.23 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.35 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

Instrument :
BNA_F
ClientSampleId :
IDW-SOIL-01MSD

Tot 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#

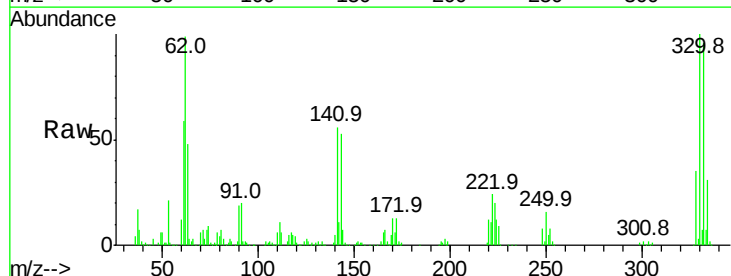


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

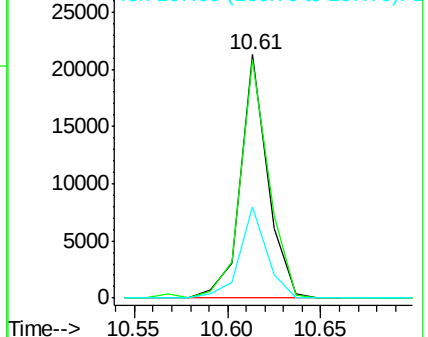
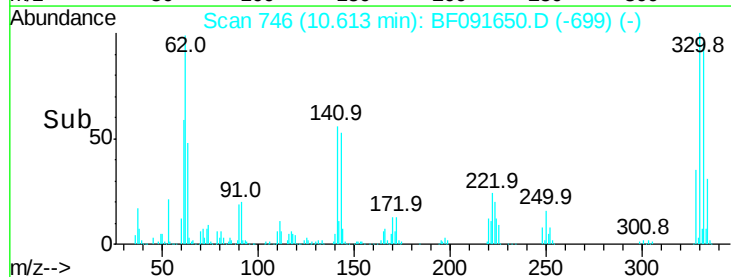


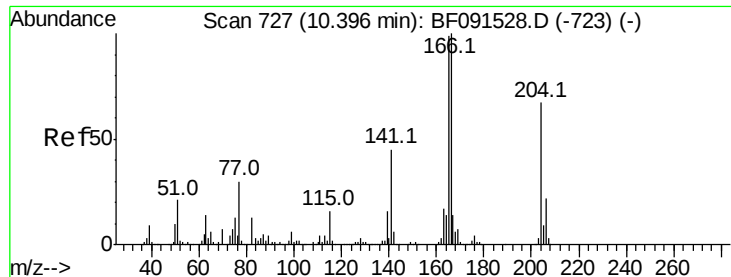
#57
Fluorene
Concen: 15.58 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.24 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

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

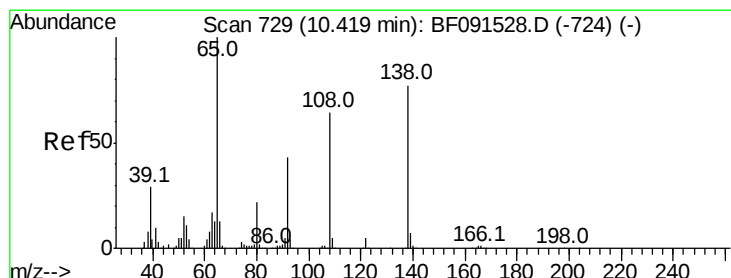
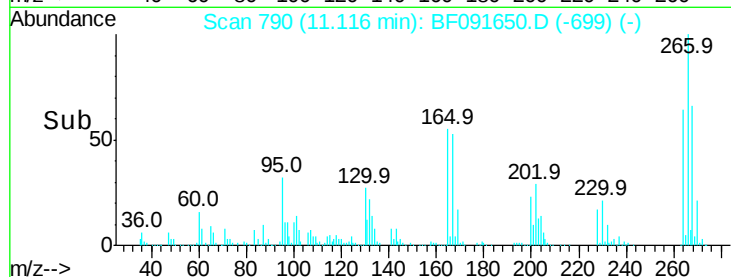
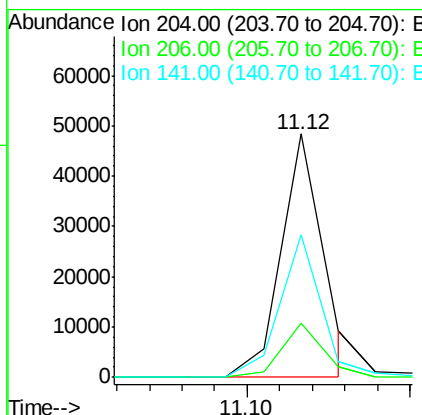
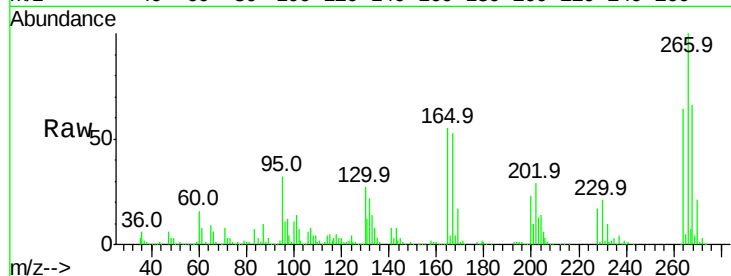




#60
4-Chlorophenyl-phenylether
Concen: 75.47 ng
RT: 11.12 min Scan# 790
Delta R.T. 0.74 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

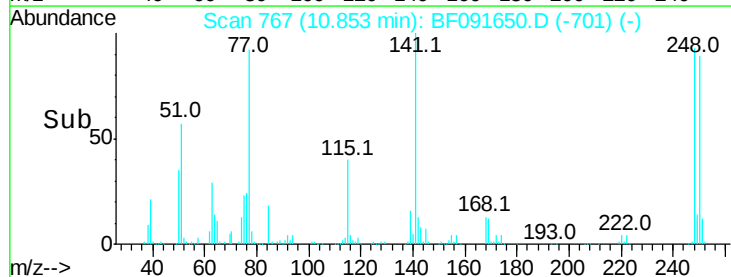
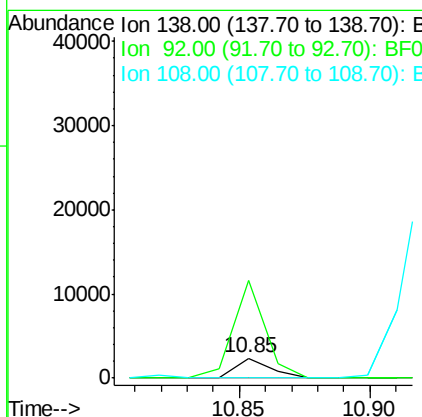
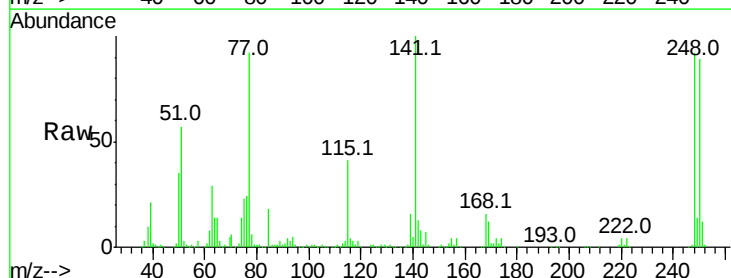
Instrument :
BNA_F
ClientSampleId :
IDW-SOIL-01MSD

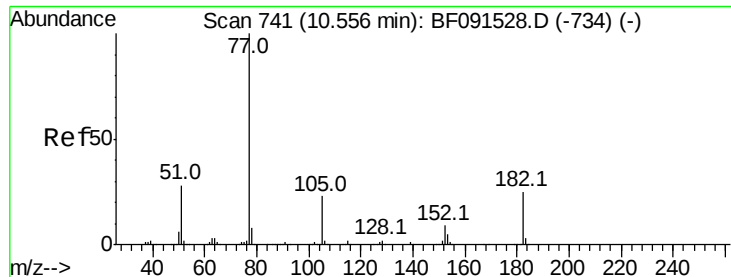
Tot Ion:204 Resp: 43501
Ion Ratio Lower Upper
204 100
206 22.5 26.1 39.1#
141 58.3 40.6 61.0



#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#





#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

Tot Ion: 77 Resp: 229053

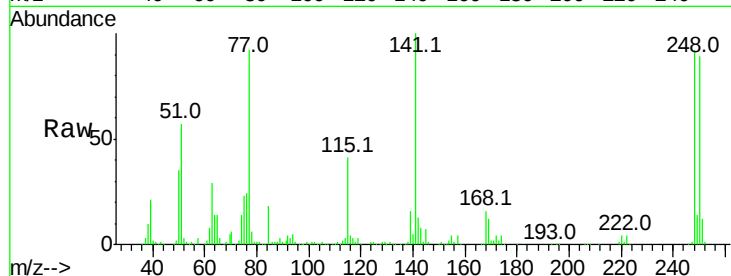
Ion Ratio Lower Upper

77 100

182 0.0 12.5 52.5#

105 0.6 3.7 43.7#

51 62.4 11.9 51.9#

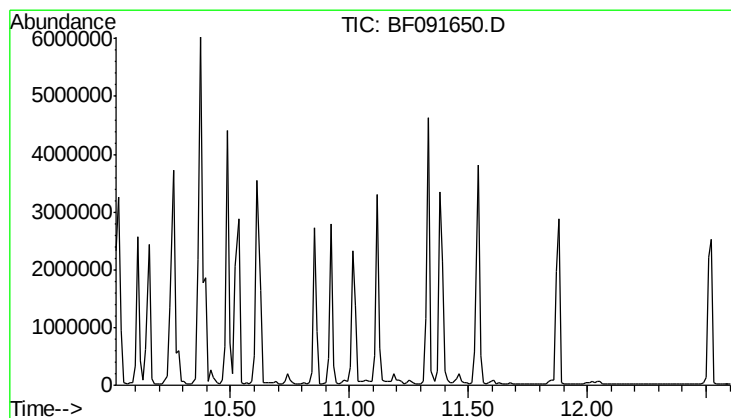
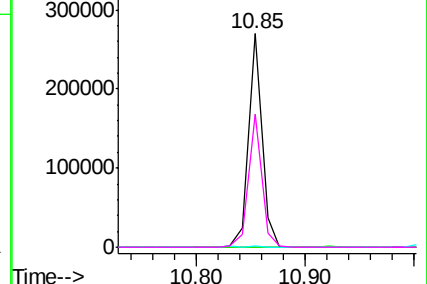
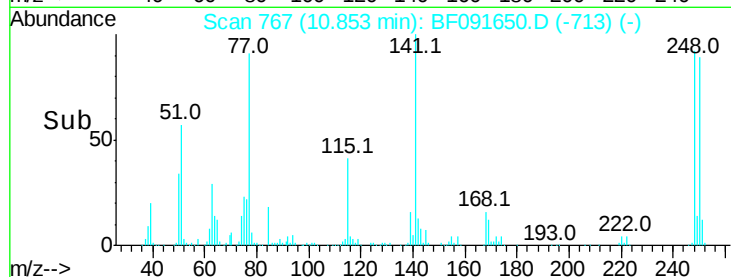


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 0.00 ng

Expected RT: 11.31 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

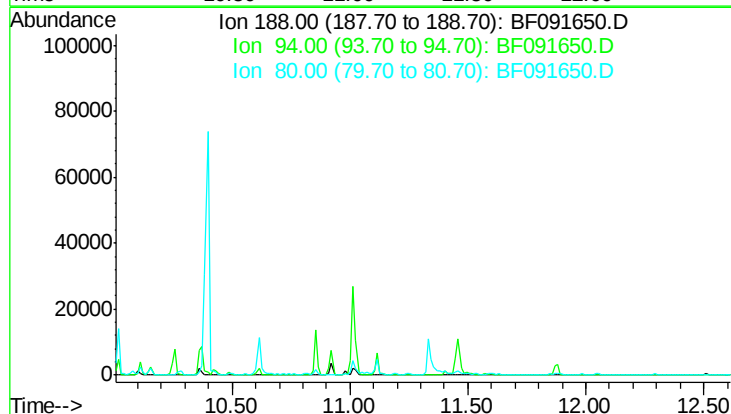
Tgt Ion: 188

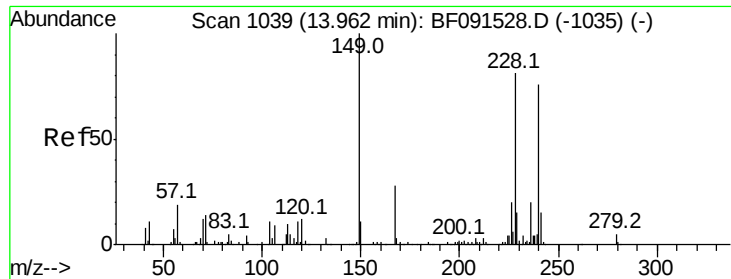
Sig Exp Ratio

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

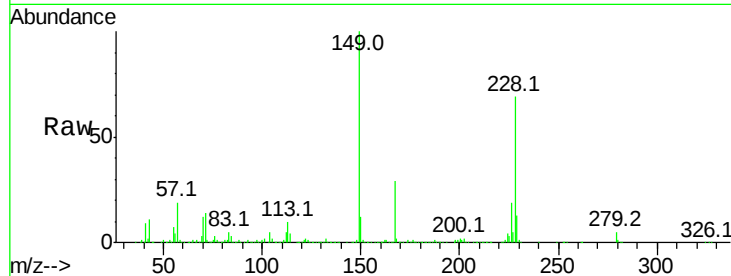
Tot Ion:240 Resp: 260

Ion Ratio Lower Upper

240 100

120 170.4 12.1 18.1#

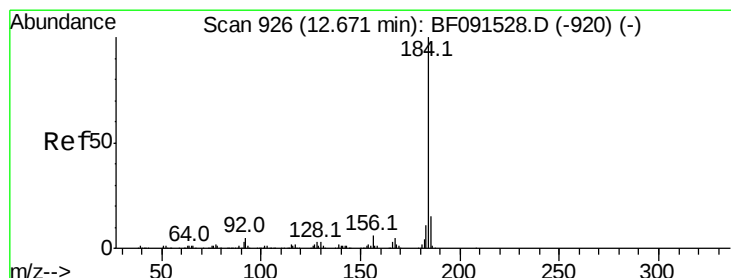
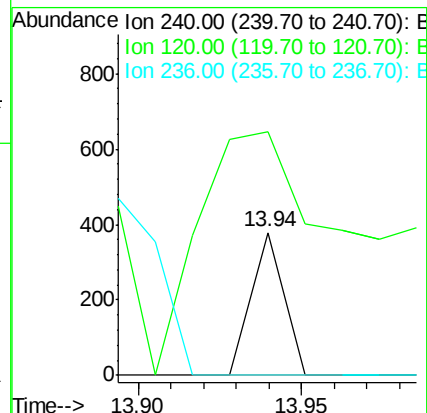
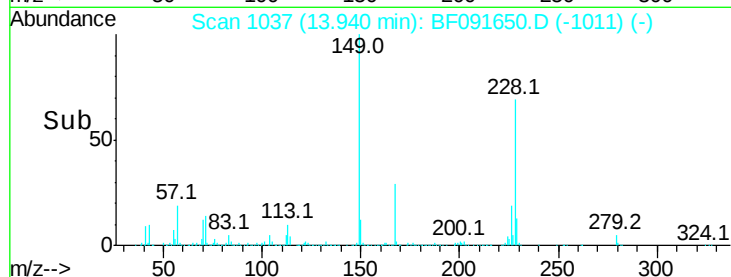
236 0.0 21.0 31.6#



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

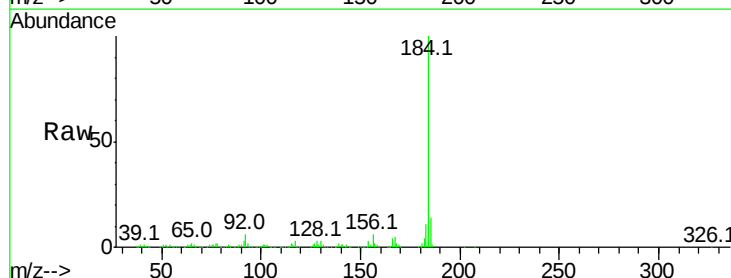
Tgt Ion:184 Resp: 819816

Ion Ratio Lower Upper

184 100

185 14.1 13.1 19.7

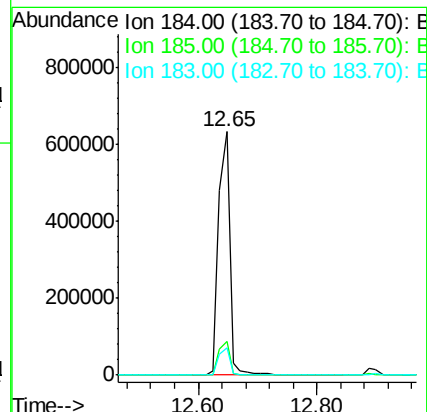
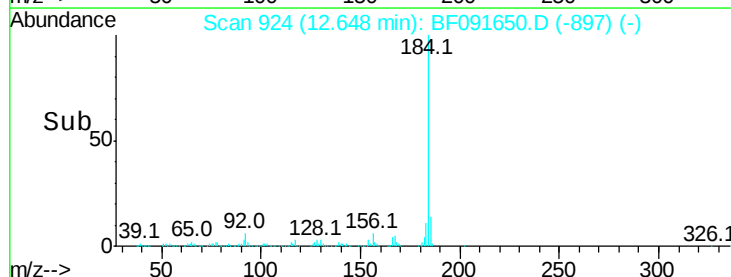
183 11.2 8.9 13.3

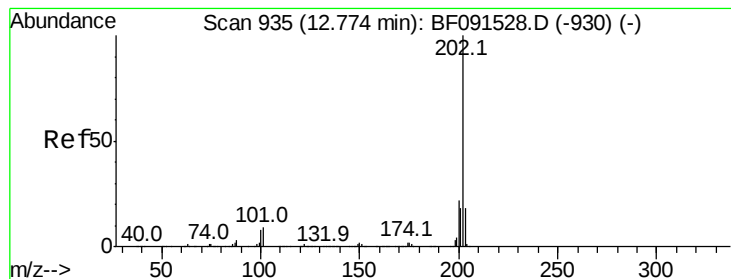


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

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 :

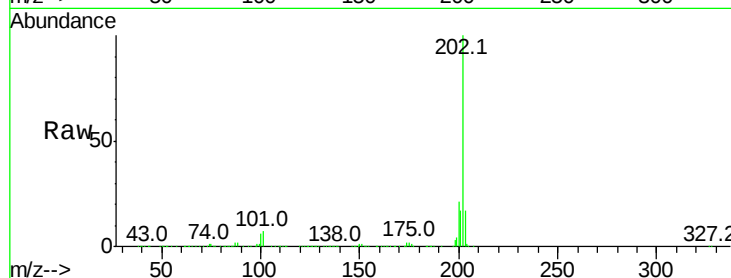
BNA_F

ClientSampleId :

IDW-SOIL-01MSD

Tot Ion:202 Resp: 1433401

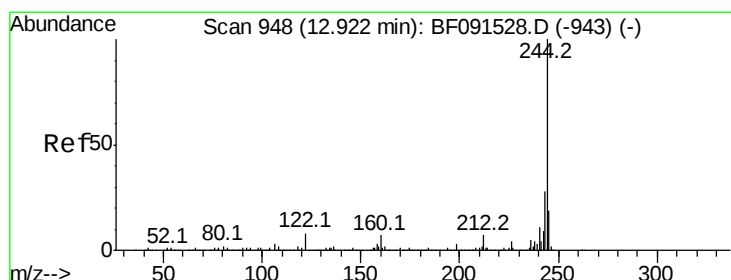
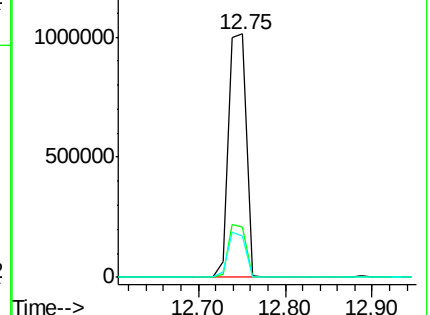
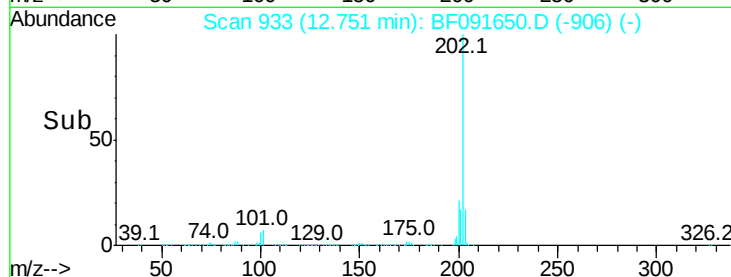
Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	16.9	14.0	21.0



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

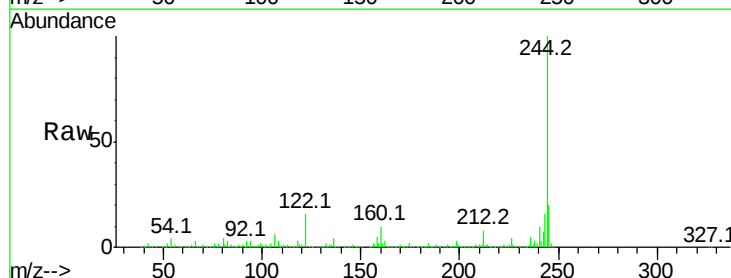
Delta R.T. -0.01 min

Lab File: BF091650.D

Acq: 16 Dec 2016 1:18

Tgt Ion:244 Resp: 1680406

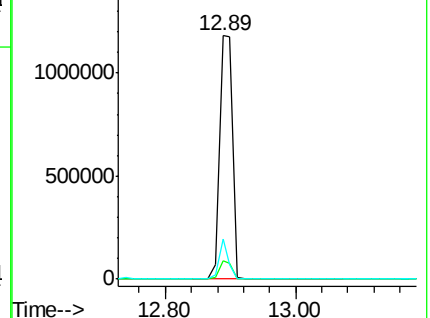
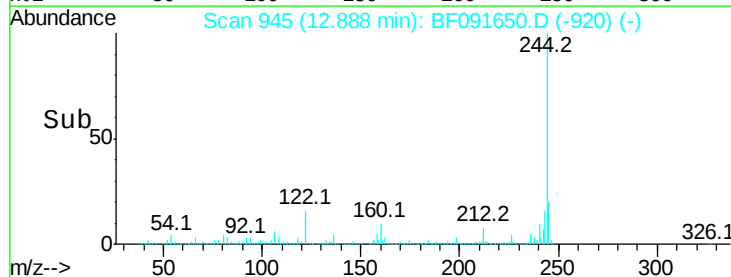
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	16.2	9.5	14.3

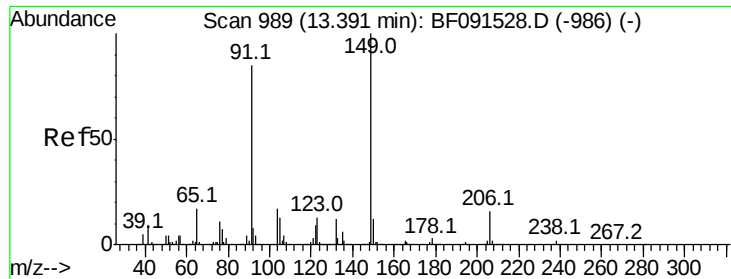


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

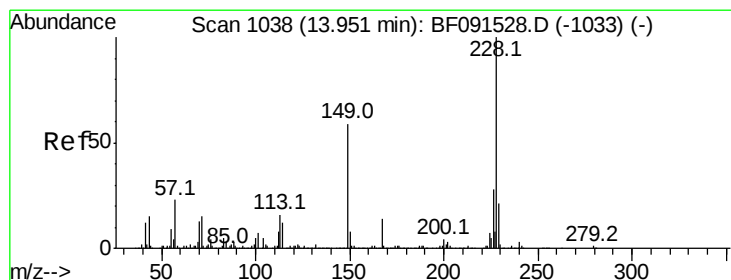
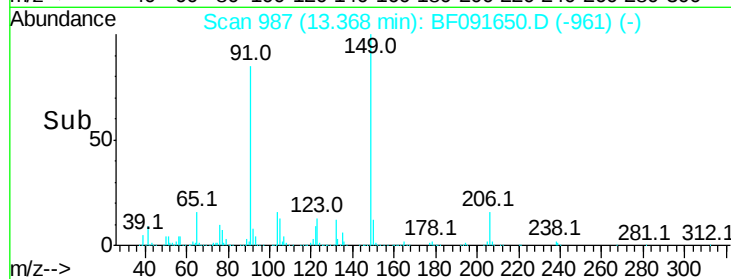
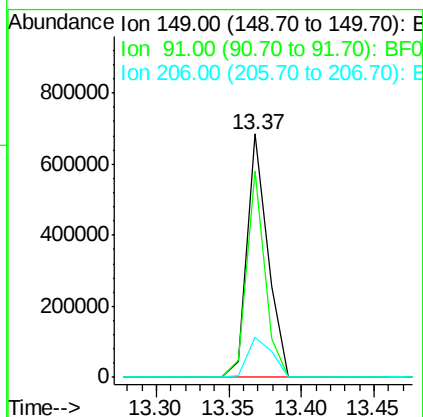
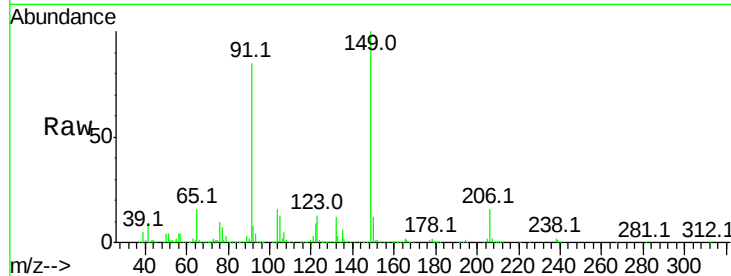




#79
 Butylbenzylphthalate
 Concen: 84390.57 ng
 RT: 13.37 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF091650.D
 Acq: 16 Dec 2016 1:18

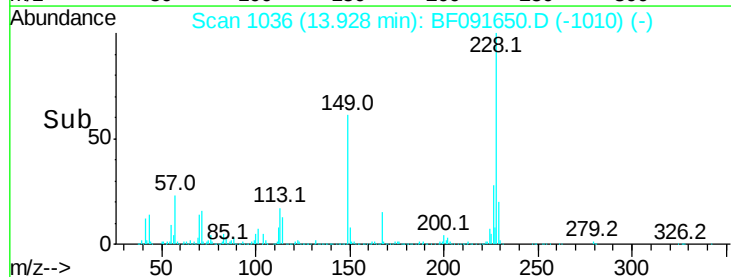
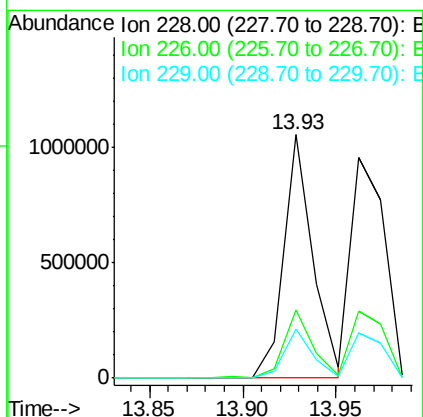
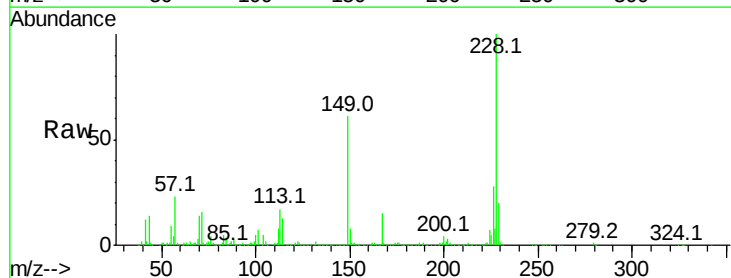
Instrument :
 BNA_F
 ClientSampleId :
 IDW-SOIL-01MSD

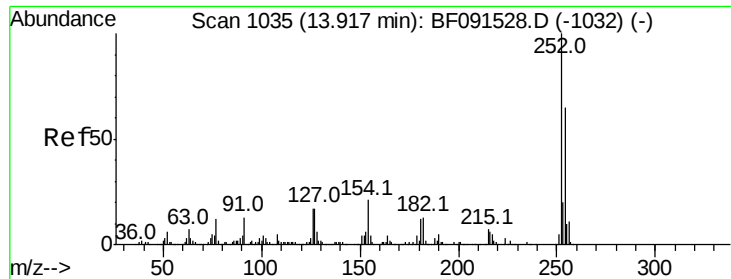
Tot Ion:149 Resp: 678563
 Ion Ratio Lower Upper
 149 100
 91 84.9 57.4 86.2
 206 16.5 15.4 23.2



#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

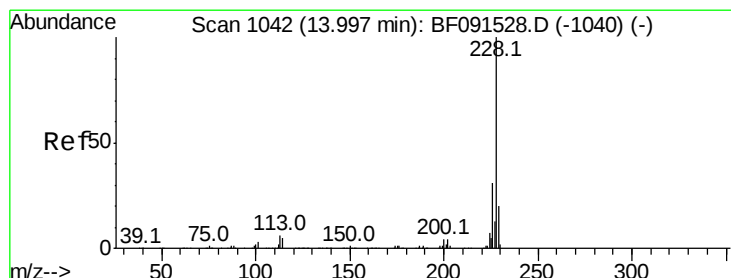
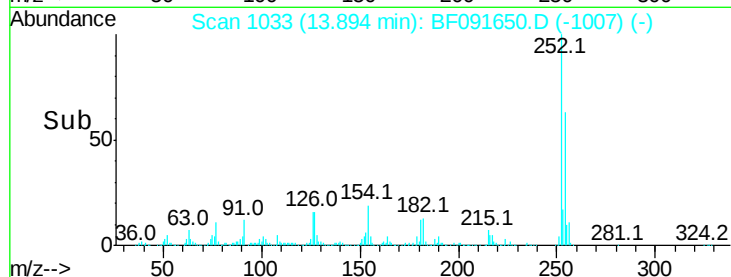
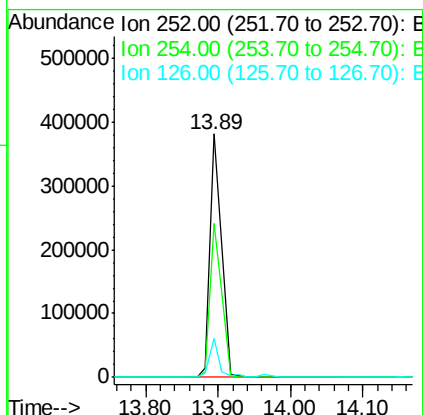
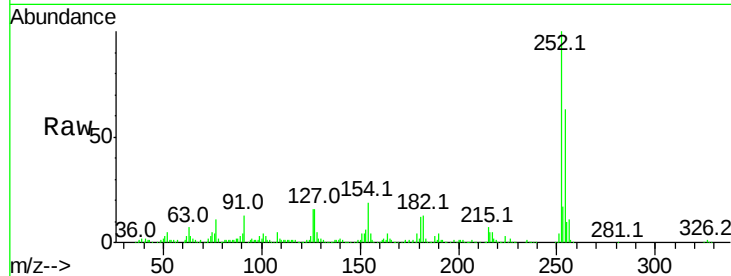




#81
 3,3'-Dichlorobenzidine
 Concen: 77877.26 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF091650.D
 Acq: 16 Dec 2016 1:18

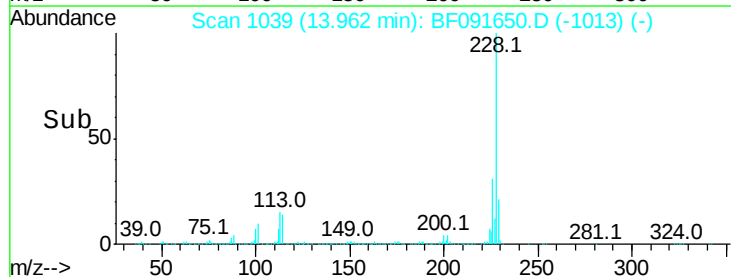
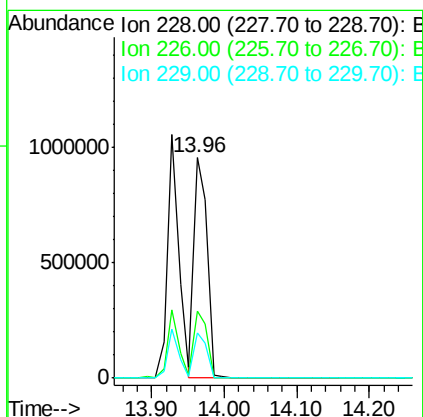
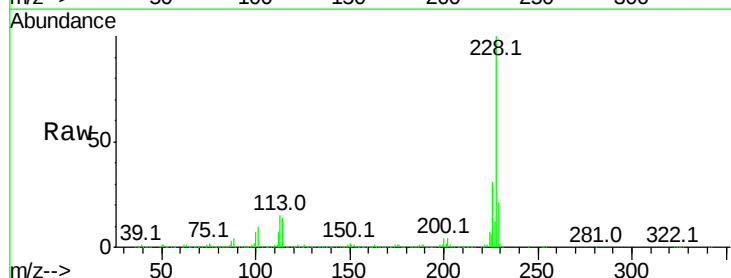
Instrument :
 BNA_F
 ClientSampleId :
 IDW-SOIL-01MSD

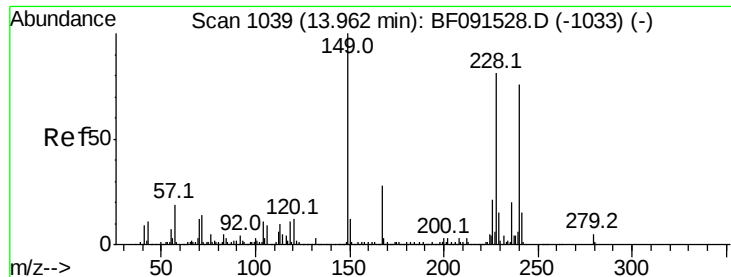
Tot Ion:252 Resp: 422255
 Ion Ratio Lower Upper
 252 100
 254 63.4 52.1 78.1
 126 16.0 7.5 11.3#



#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

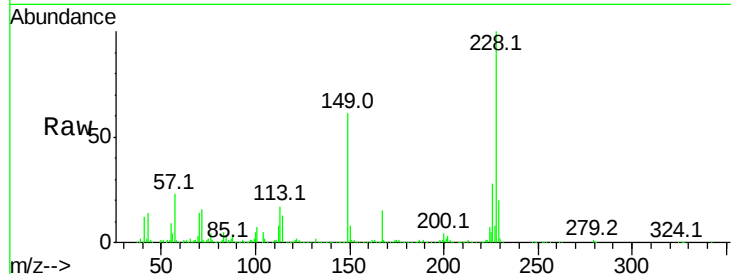




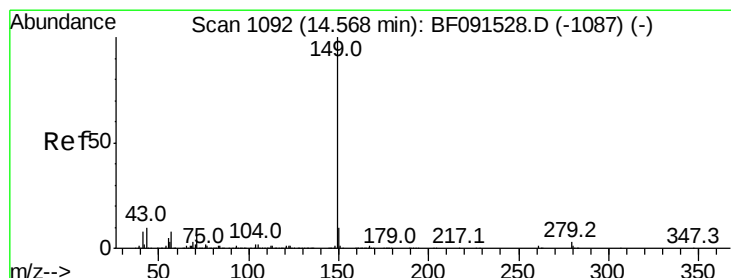
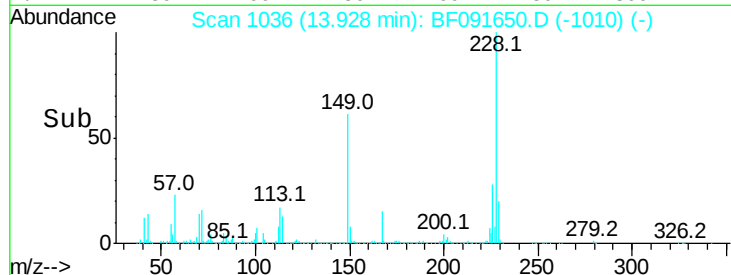
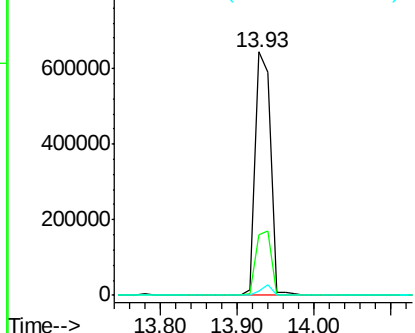
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 84285.18 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF091650.D
 Acq: 16 Dec 2016 1:18

Instrument :
 BNA_F
 ClientSampleId :
 IDW-SOIL-01MSD

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

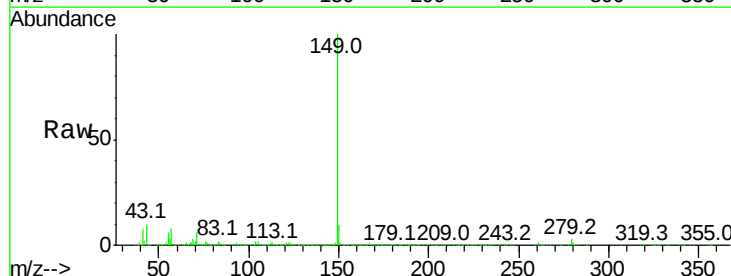


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

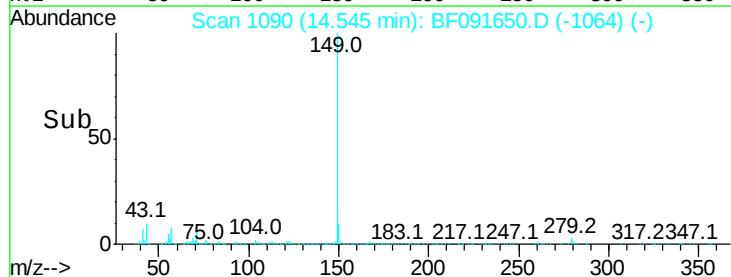
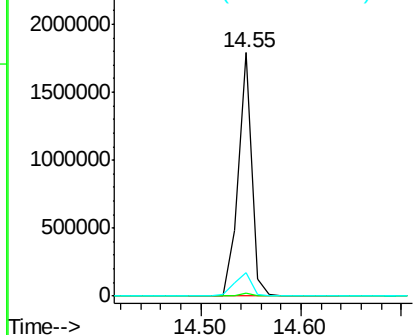


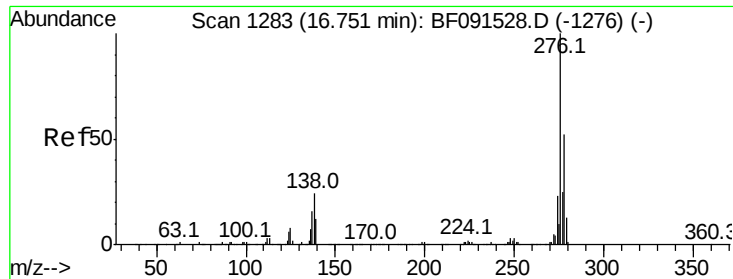
#84
 Di-n-octyl phthalate
 Concen: 94996.20 ng
 RT: 14.55 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF091650.D
 Acq: 16 Dec 2016 1:18

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



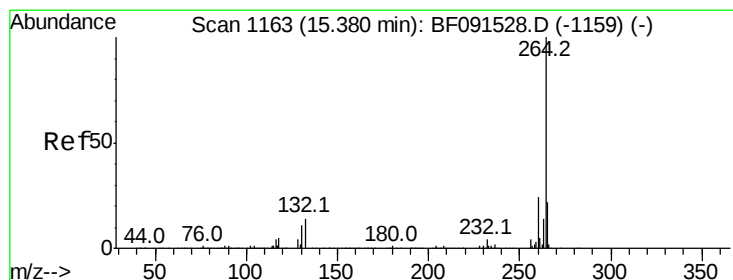
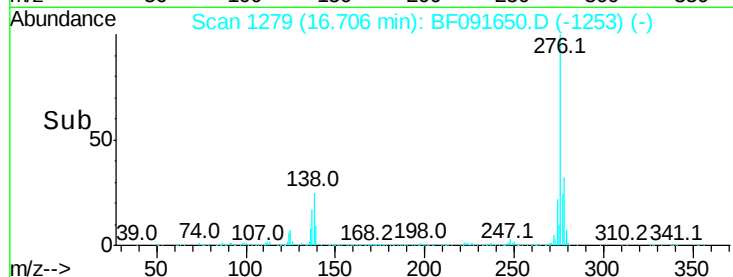
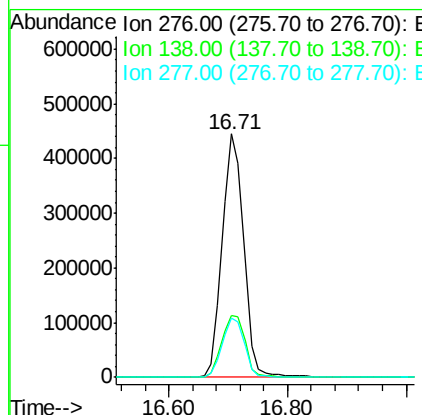
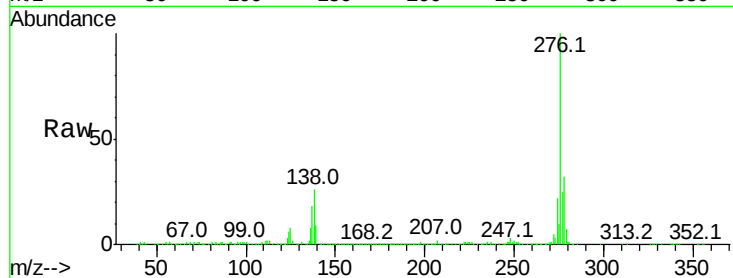


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 78876.55 ng
 RT: 16.71 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BF091650.D
 Acq: 16 Dec 2016 1:18

Instrument :
 BNA_F
 ClientSampleId :
 IDW-SOIL-01MSD

Tot Ion:276 Resp: 1121303

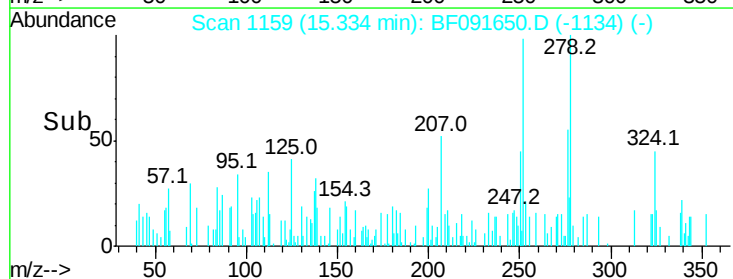
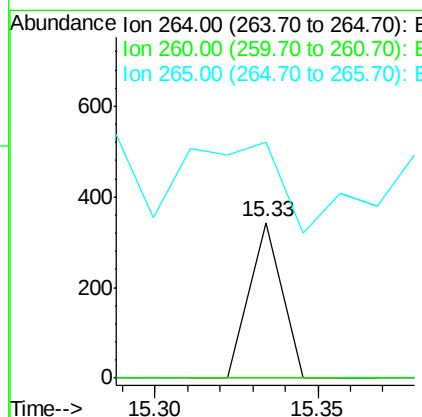
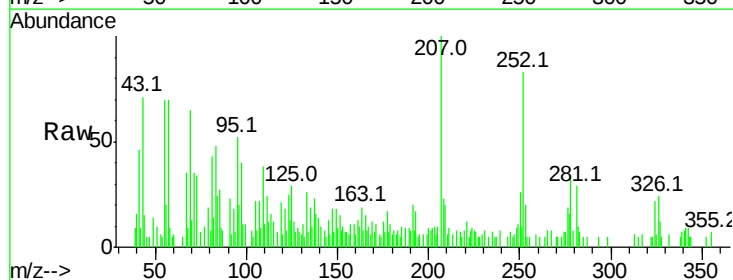
Ion	Ratio	Lower	Upper
276	100		
138	28.2	21.0	31.4
277	25.5	20.2	30.2

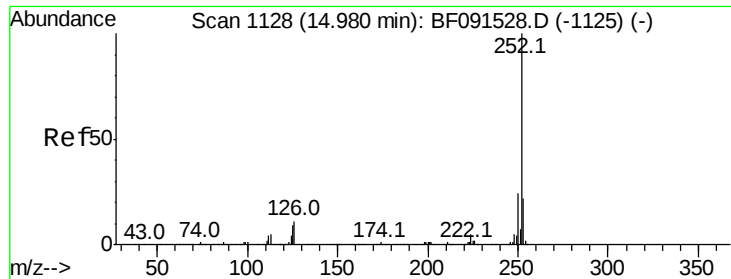


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. -0.01 min
 Lab File: BF091650.D
 Acq: 16 Dec 2016 1:18

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

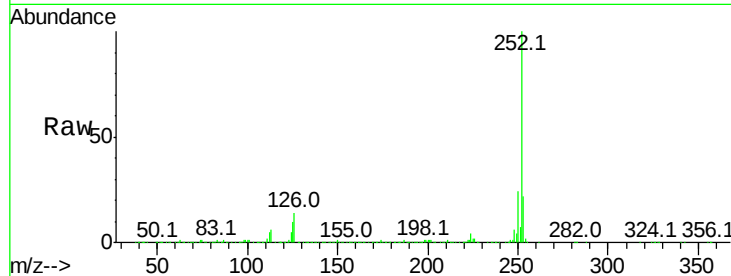
Tot Ion:252 Resp: 1998607

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

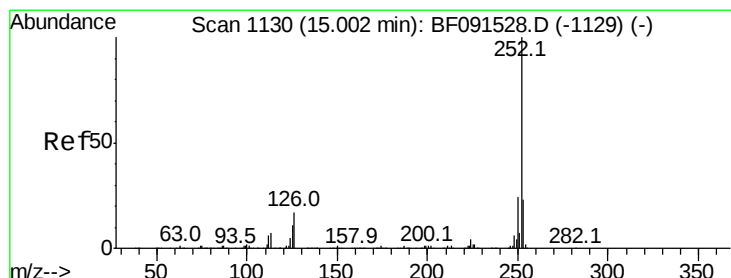
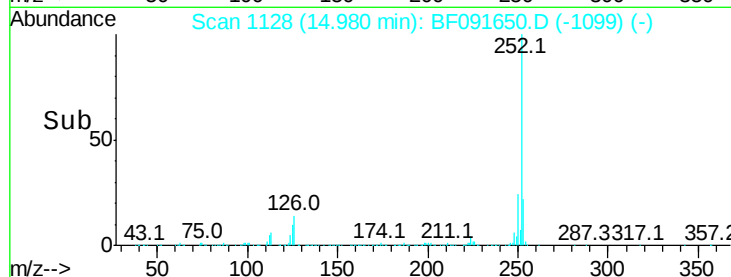
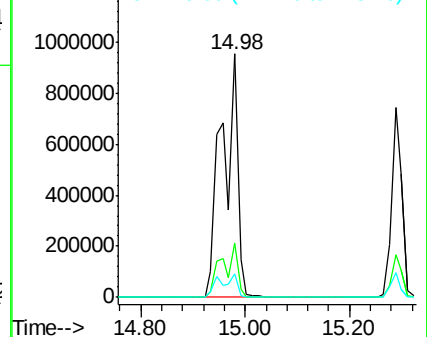
125 9.9 8.6 13.0



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



#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

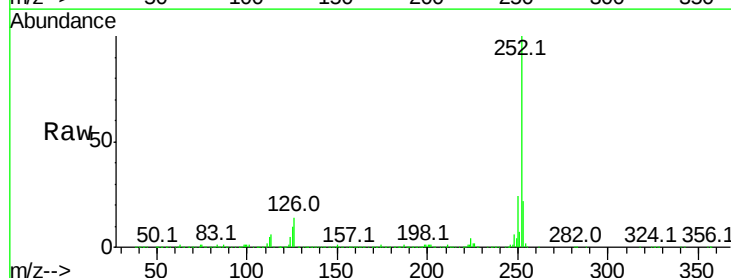
Tgt Ion:252 Resp: 1999461

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

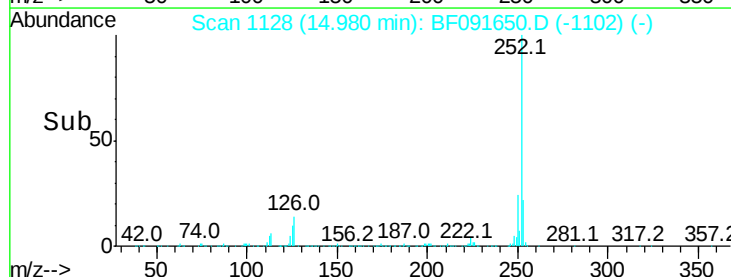
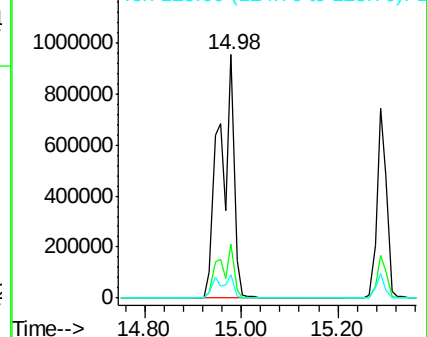
125 9.9 9.6 14.4

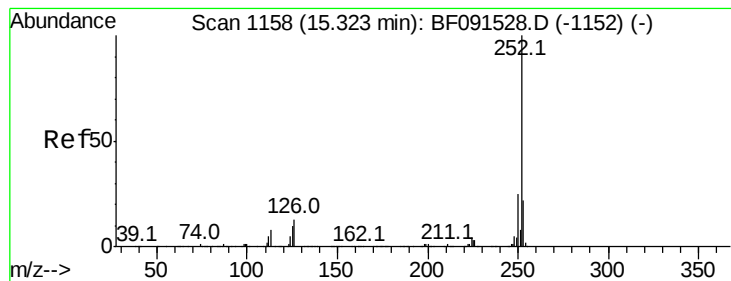


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

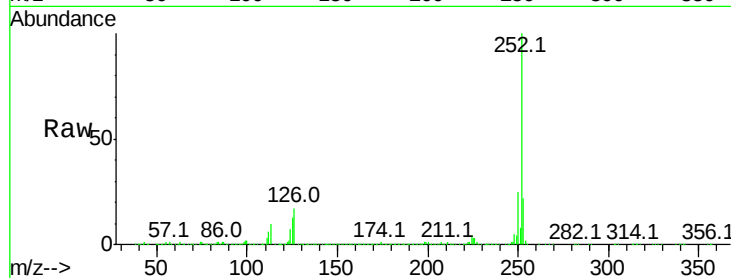




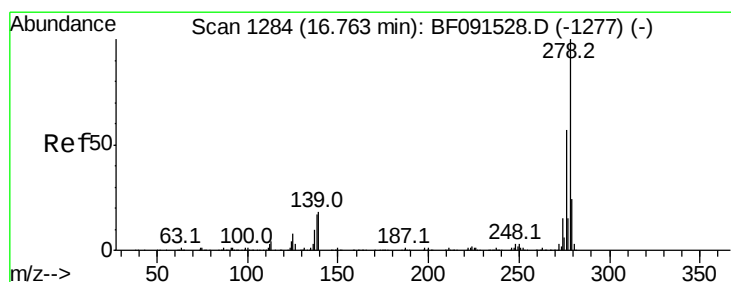
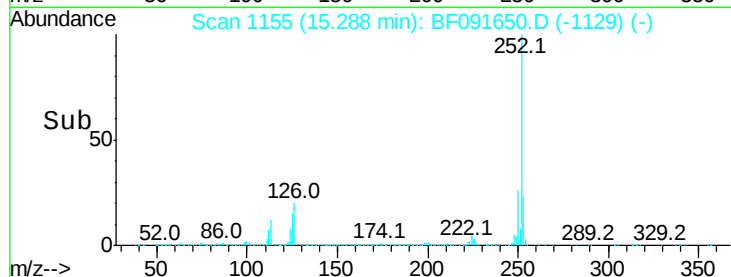
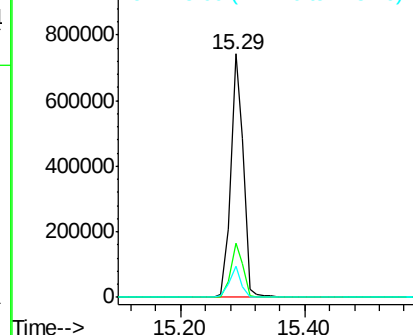
#89
Benzo(a)pyrene
Concen: 81187.57 ng
RT: 15.29 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

Instrument :
BNA_F
ClientSampleId :
IDW-SOIL-01MSD

Tot Ion:252 Resp: 1024619
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 12.8 10.4 15.6

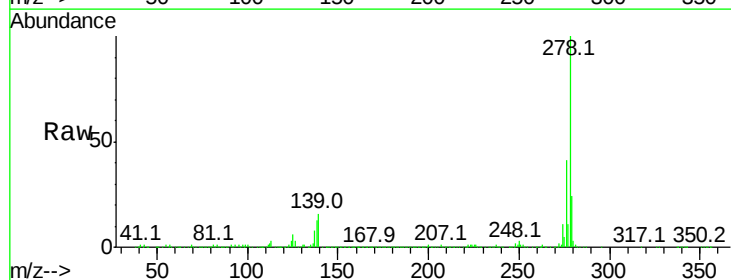


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

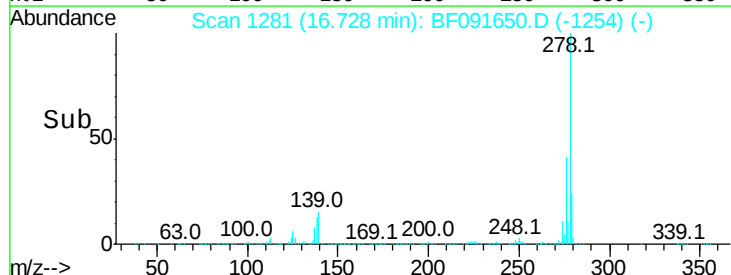
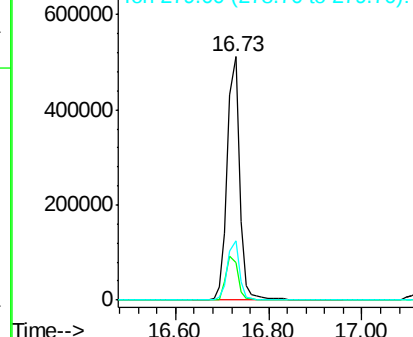


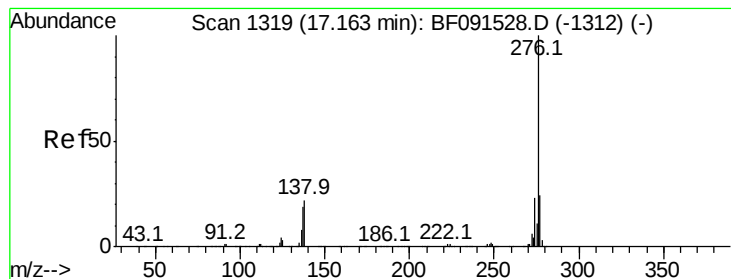
#90
Dibenzo(a,h)anthracene
Concen: 82878.25 ng
RT: 16.73 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF091650.D
Acq: 16 Dec 2016 1:18

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(a,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

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	23.5	15.4	23.0

