

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF077996.D
 Acq On : 26 Mar 2015 15:39
 Operator : TP/IZ
 Sample : G1614-03
 Misc : LOD-SOIL-5PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Mar 27 00:17:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 00:54:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	33010	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	137388	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	69239	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	140286	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	160038	20.00	ng	-0.06
86) Perylene-d12	17.71	264	144213	20.00	ng	-0.18

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	239811	126.81	ng	0.00
7) Phenol-d6	6.67	99	294975	126.25	ng	-0.01
23) Nitrobenzene-d5	7.79	82	178182	85.02	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	77197	116.53	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	398562	84.60	ng	0.00
78) Terphenyl-d14	14.67	244	516845	78.89	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.97	88	3183	3.71	ng	# 100
3) Pyridine	2.76	79	5865	2.54	ng	# 80
4) n-Nitrosodimethylamine	2.62	42	2814	2.80	ng	# 86
6) Aniline	6.68	93	12989	3.89	ng	# 44
8) 2-Chlorophenol	6.83	128	8770	3.90	ng	92
9) Benzaldehyde	6.54	77	6346	6.63	ng	91
10) Phenol	6.69	94	11403	4.13	ng	87
11) bis(2-Chloroethyl)ether	6.78	93	8856	4.28	ng	91
12) 1,3-Dichlorobenzene	7.12	146	9624	3.84	ng	96
13) 1,4-Dichlorobenzene	7.12	146	9624	3.70	ng	97
14) 1,2-Dichlorobenzene	7.30	146	9243	3.88	ng	97
15) Benzyl Alcohol	7.29	79	8766	4.81	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.46	45	10761	3.86	ng	93
17) 2-Methylphenol	7.44	107	6602	3.60	ng	98
18) Hexachloroethane	7.71	117	3240	3.80	ng	96
19) n-Nitroso-di-n-propylamine	7.62	70	5596	3.46	ng	# 96
20) 3+4-Methylphenols	7.64	107	8985	3.74	ng	95
22) Acetophenone	7.61	105	12086	3.97	ng	# 96
24) Nitrobenzene	7.81	77	9097	4.03	ng	# 83
25) Isophorone	8.11	82	14806	3.50	ng	96
26) 2-Nitrophenol	8.21	139	3064	2.77	ng	# 85
27) 2,4-Dimethylphenol	8.28	122	7219	3.58	ng	93
28) bis(2-Chloroethoxy)methane	8.40	93	10273	4.00	ng	99
29) 2,4-Dichlorophenol	8.52	162	6633	3.46	ng	95
30) 1,2,4-Trichlorobenzene	8.60	180	8489	3.95	ng	94
31) Naphthalene	8.69	128	26928	3.82	ng	99
32) Benzoic acid	8.28	122	7219	9.10	ng	# 11
33) 4-Chloroaniline	8.78	127	10197	3.56	ng	98
34) Hexachlorobutadiene	8.85	225	4661	3.83	ng	99
35) Caprolactam	9.18	113	1503	2.68	ng	# 84
36) 4-Chloro-3-methylphenol	9.39	107	6892	3.57	ng	84
37) 2-Methylnaphthalene	9.55	142	17155	3.62	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.76	216	7612	3.69	ng	# 100
40) Hexachlorocyclopentadiene	9.74	237	927	4.03	ng	83

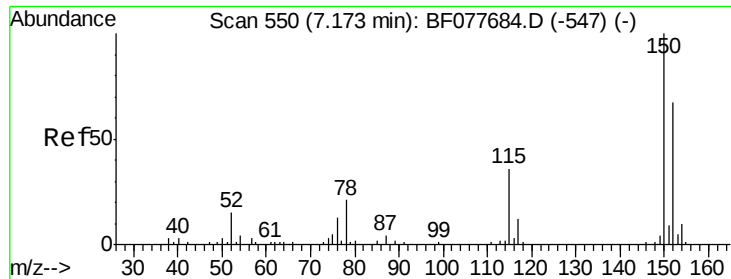
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF077996.D
 Acq On : 26 Mar 2015 15:39
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 00:54:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.92	196	4490	3.14	ng	93
43) 2,4,5-Trichlorophenol	9.96	196	4543	2.94	ng #	91
45) 1,1'-Biphenyl	10.13	154	22376	4.04	ng	98
46) 2-Chloronaphthalene	10.16	162	17090	3.80	ng	96
47) 2-Nitroaniline	10.29	65	3337	2.99	ng	96
48) Acenaphthylene	10.66	152	27245	3.64	ng	99
49) Dimethylphthalate	10.52	163	19670	3.83	ng	98
50) 2,6-Dinitrotoluene	10.60	165	3211	3.02	ng #	82
51) Acenaphthene	10.88	154	16402	3.82	ng	96
52) 3-Nitroaniline	10.81	138	3708	3.00	ng #	98
54) Dibenzofuran	11.09	168	26014	4.09	ng	98
55) 4-Nitrophenol	11.09	139	10878	11.88	ng #	23
56) 2,4-Dinitrotoluene	11.09	165	4040	2.91	ng #	90
57) Fluorene	11.52	166	20927	3.96	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.25	232	3661	3.08	ng #	100
59) Diethylphthalate	11.40	149	19820	3.96	ng	98
60) 4-Chlorophenyl-phenylether	11.53	204	10092	4.19	ng	98
61) 4-Nitroaniline	11.55	138	3330	2.70	ng	81
62) Azobenzene	11.72	77	18650	3.90	ng	96
64) 4,6-Dinitro-2-methylphenol	11.60	198	231	4.61	ng #	18
65) n-Nitrosodiphenylamine	11.68	169	17646	3.78	ng	99
66) 4-Bromophenyl-phenylether	12.13	248	5618	3.75	ng	94
67) Hexachlorobenzene	12.19	284	6401	3.89	ng	95
68) Atrazine	12.35	200	5246	4.01	ng	94
69) Pentachlorophenol	12.44	266	599	3.75	ng #	19
70) Phenanthrene	12.71	178	32063	3.98	ng	98
71) Anthracene	12.76	178	32194	4.05	ng	98
72) Carbazole	12.98	167	29469	3.89	ng	98
73) Di-n-butylphthalate	13.44	149	28641	3.37	ng	99
74) Fluoranthene	14.17	202	34981	3.94	ng	94
76) Benzidine	14.36	184	24815	5.85	ng	97
77) Pyrene	14.45	202	37924	3.77	ng	97
79) Butylbenzylphthalate	15.29	149	11857	2.99	ng #	94
80) Benzo(a)anthracene	15.94	228	33643	3.55	ng	98
81) 3,3'-Dichlorobenzidine	15.93	252	9545	3.05	ng	97
82) Chrysene	15.99	228	35624	4.18	ng	99
83) Bis(2-ethylhexyl)phthalate	16.02	149	17521	2.92	ng #	99
84) Di-n-octyl phthalate	16.82	149	26391	2.57	ng #	91
85) Indeno(1,2,3-cd)pyrene	19.07	276	35381	3.32	ng #	100
87) Benzo(b)fluoranthene	17.25	252	34803	3.70	ng	99
88) Benzo(k)fluoranthene	17.29	252	29895	4.07	ng	98
89) Benzo(a)pyrene	17.64	252	31669	4.03	ng	98
90) Dibenzo(a,h)anthracene	19.09	278	28885	3.71	ng #	93
91) Benzo(g,h,i)perylene	19.46	276	29970	3.78	ng	96

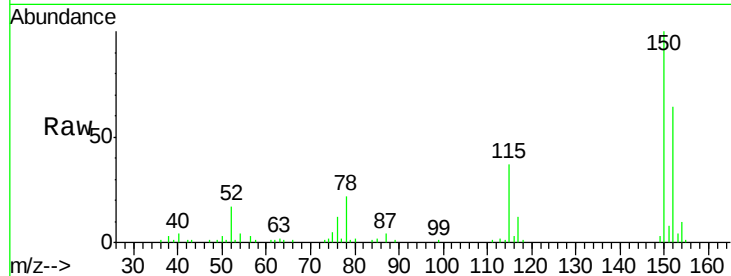
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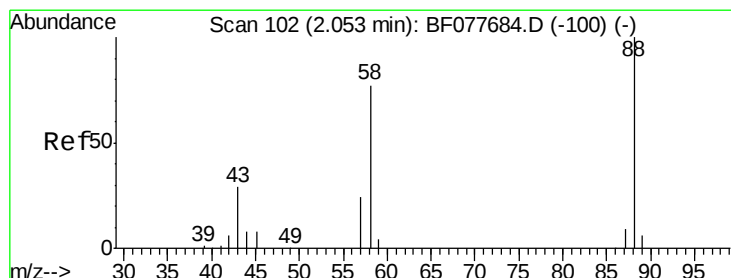
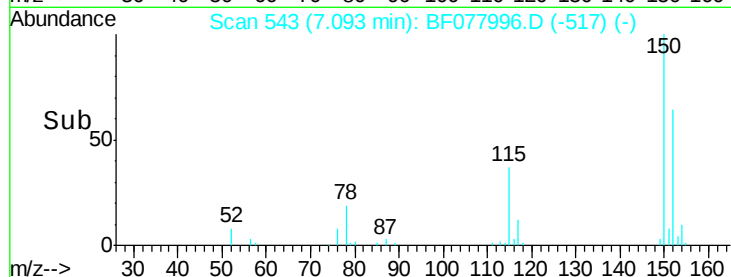
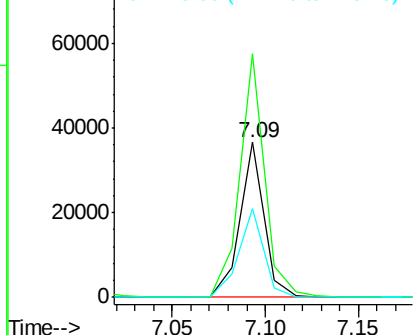
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.09 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:152 Resp: 33010
 Ion Ratio Lower Upper
 152 100
 150 157.2 119.5 179.3
 115 57.4 43.0 64.4

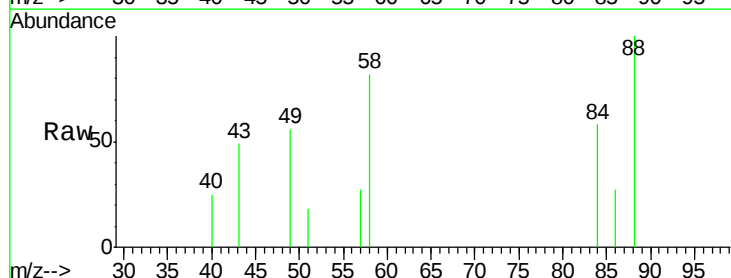


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

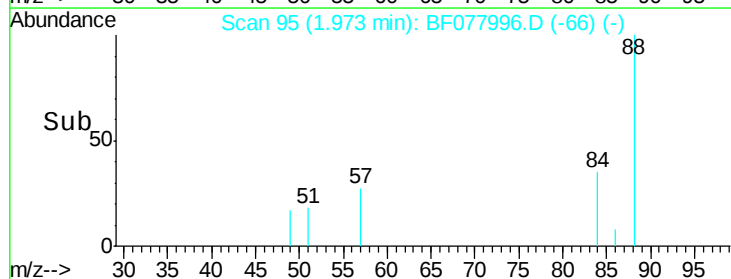
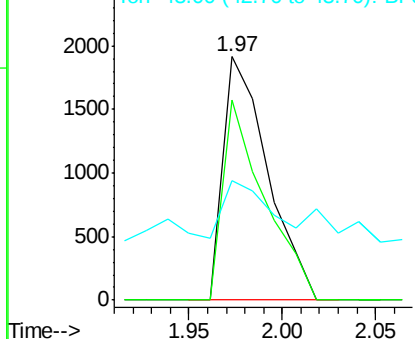


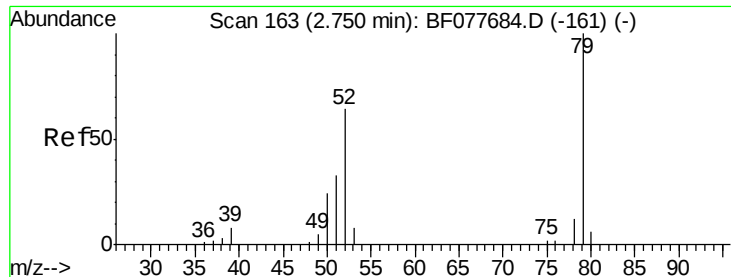
#2
 1,4-Dioxane
 Concen: 3.71 ng
 RT: 1.97 min Scan# 95
 Delta R.T. 0.03 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

Tgt Ion: 88 Resp: 3183
 Ion Ratio Lower Upper
 88 100
 58 77.1 0.0 0.0#
 43 31.9 0.0 0.0#



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: 2.54 ng

RT: 2.76 min Scan# 164

Delta R.T. 0.16 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

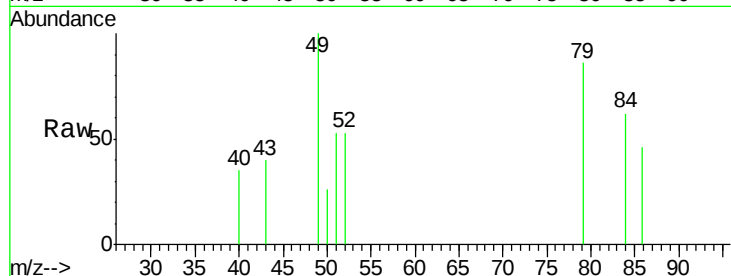
Tgt Ion: 79 Resp: 5865

Ion Ratio Lower Upper

79 100

52 61.1 51.1 76.7

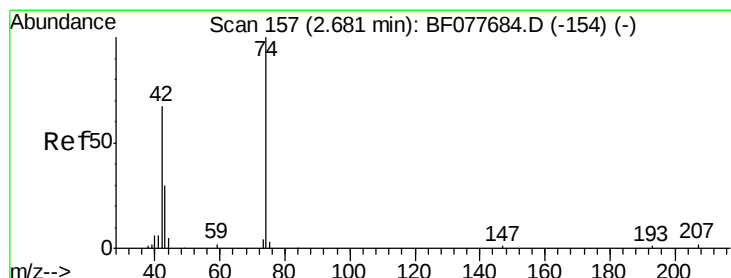
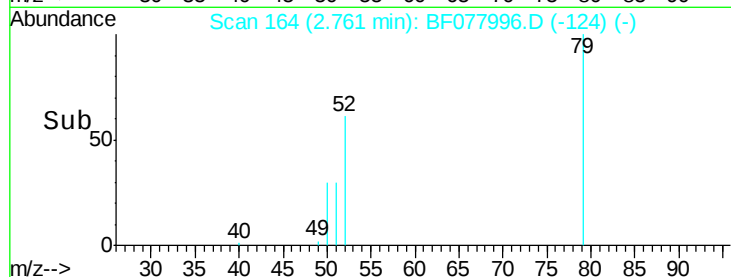
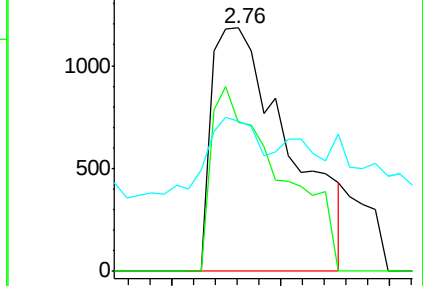
51 61.6 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 2.80 ng

RT: 2.62 min Scan# 152

Delta R.T. 0.08 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

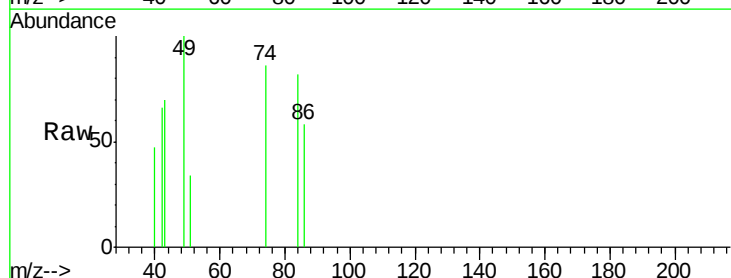
Tgt Ion: 42 Resp: 2814

Ion Ratio Lower Upper

42 100

74 131.3 119.3 178.9

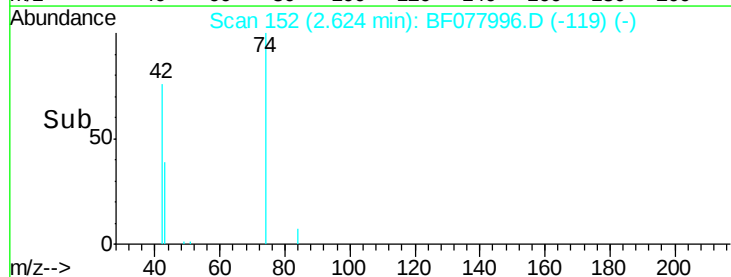
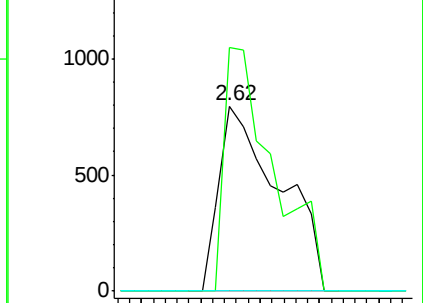
44 0.0 5.4 8.2#

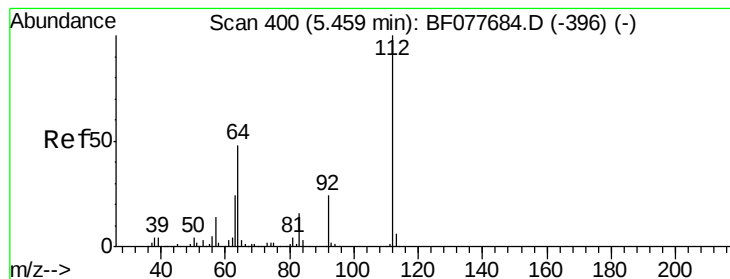


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 126.81 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

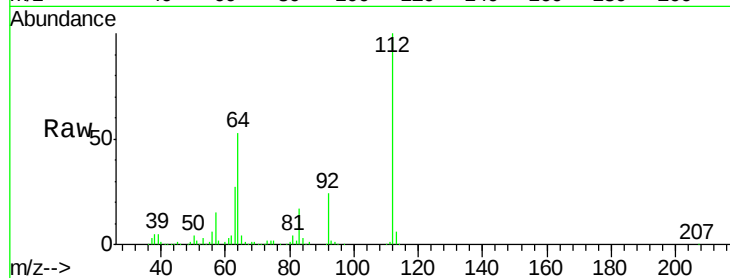
Tgt Ion: 112 Resp: 239811

Ion Ratio Lower Upper

112 100

64 52.9 38.6 57.8

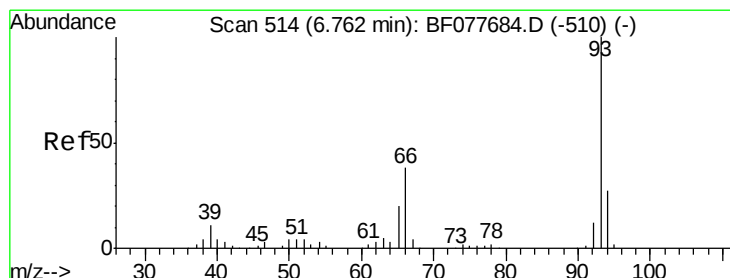
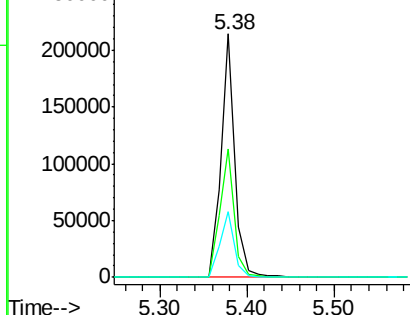
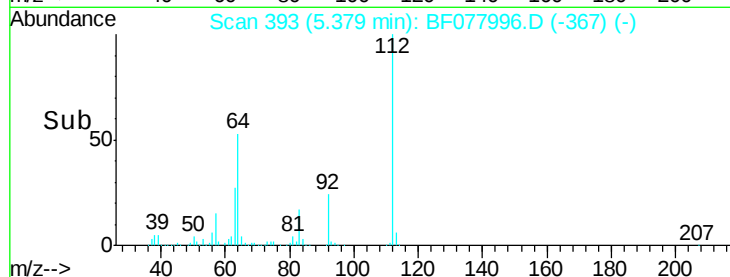
63 27.1 19.3 28.9



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: 3.89 ng

RT: 6.68 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

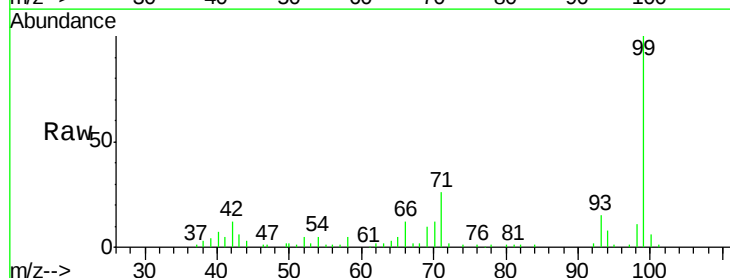
Tgt Ion: 93 Resp: 12989

Ion Ratio Lower Upper

93 100

66 79.7 30.8 46.2#

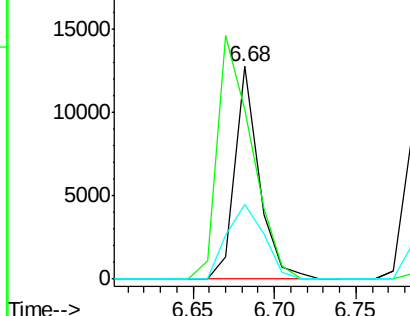
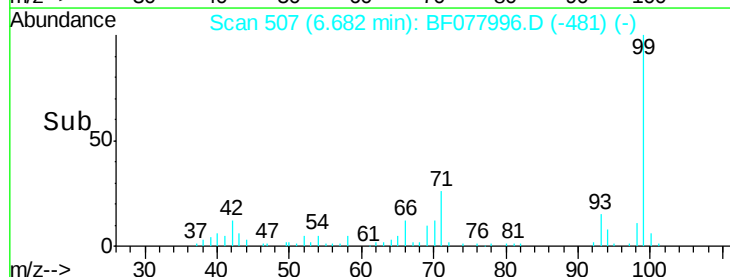
65 35.2 16.0 24.0#

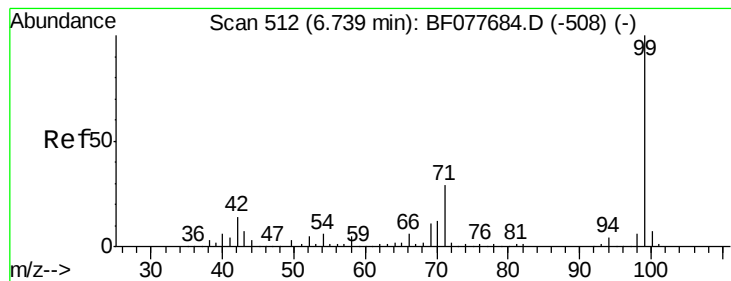


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.25 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

Instrument :

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ClientSampleId :

LOD-SOIL2015-01

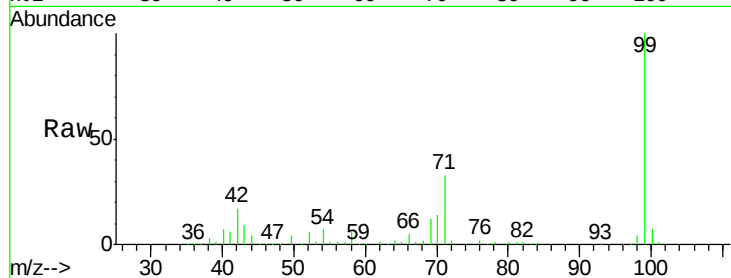
Tgt Ion: 99 Resp: 294975

Ion Ratio Lower Upper

99 100

42 17.4 11.0 16.4#

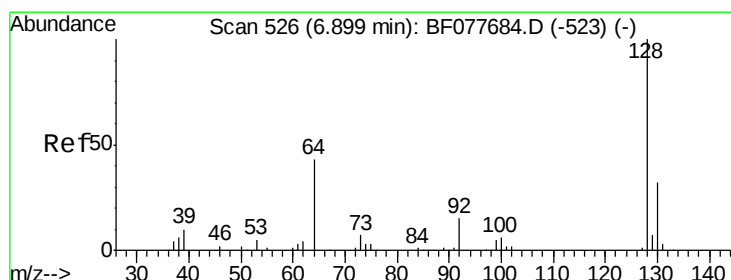
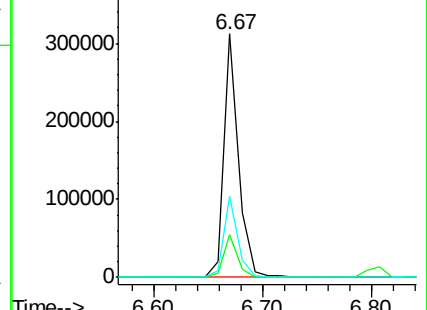
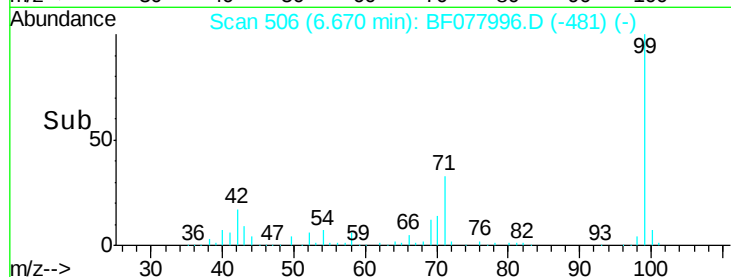
71 33.4 23.4 35.2



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: 3.90 ng

RT: 6.83 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

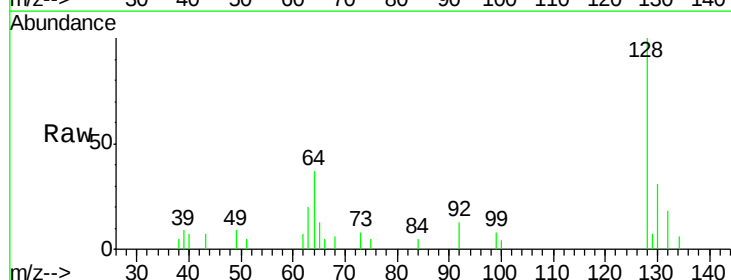
Tgt Ion:128 Resp: 8770

Ion Ratio Lower Upper

128 100

130 30.5 12.0 52.0

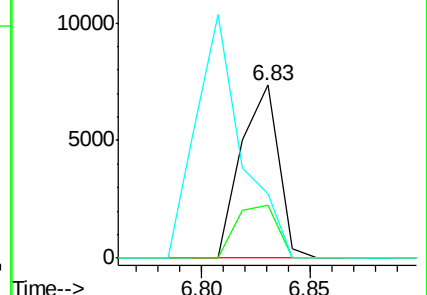
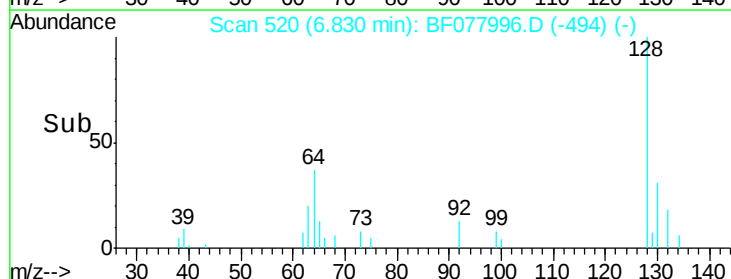
64 37.4 24.9 64.9

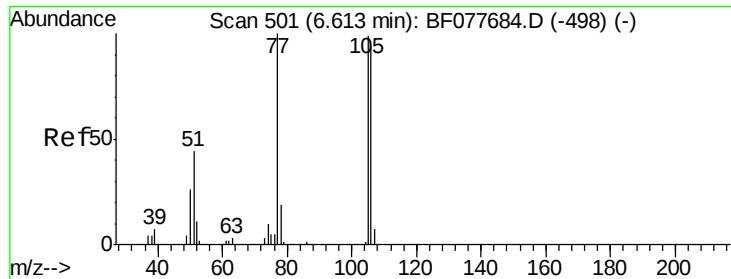


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.63 ng

RT: 6.54 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

Instrument :

BNA_F

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LOD-SOIL2015-01

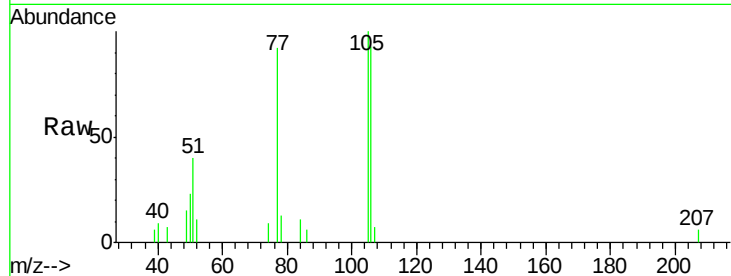
Tgt Ion: 77 Resp: 6346

Ion Ratio Lower Upper

77 100

105 108.7 78.8 118.8

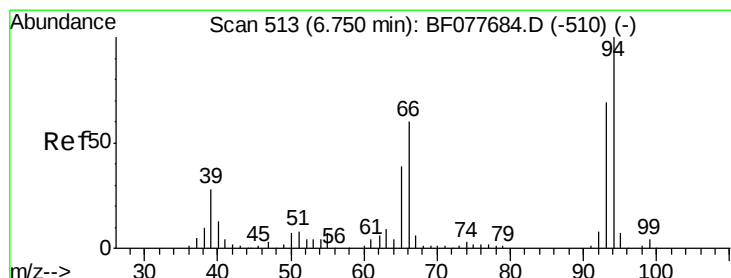
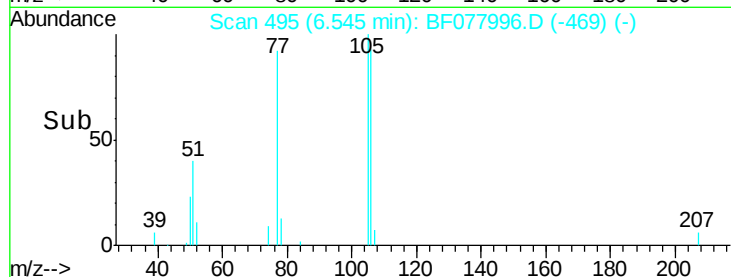
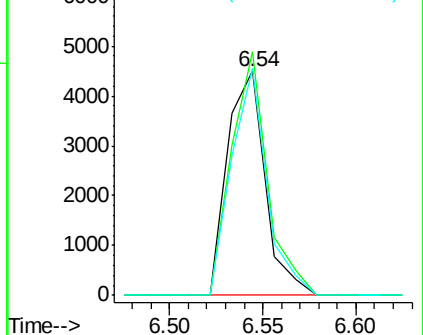
106 101.4 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 4.13 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

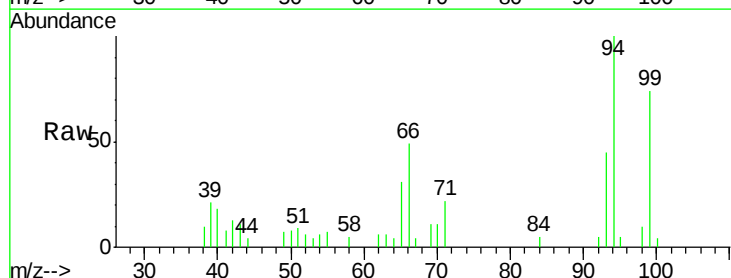
Tgt Ion: 94 Resp: 11403

Ion Ratio Lower Upper

94 100

65 31.3 18.8 58.8

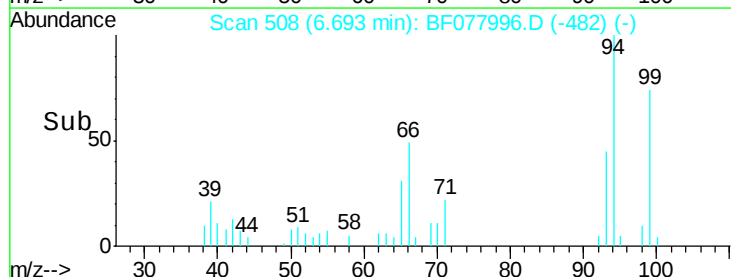
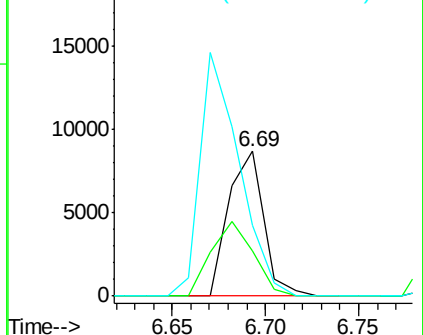
66 49.4 39.9 79.9

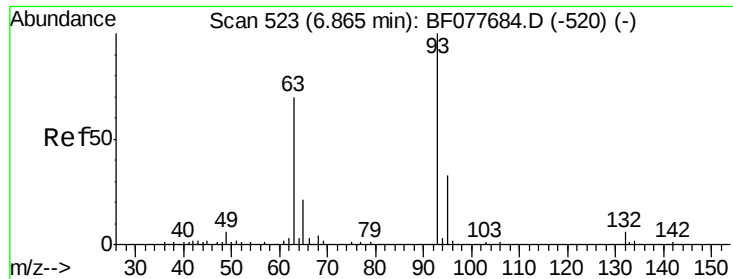


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 4.28 ng

RT: 6.78 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

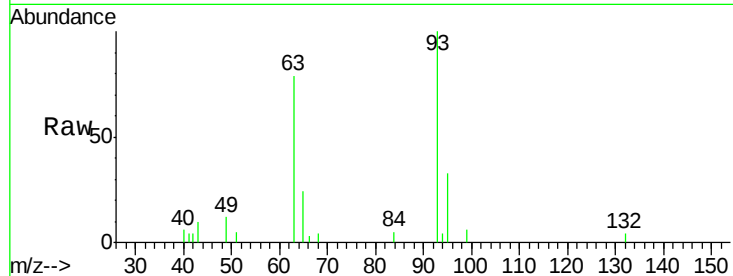
Tgt Ion: 93 Resp: 8856

Ion Ratio Lower Upper

93 100

63 79.4 49.5 89.5

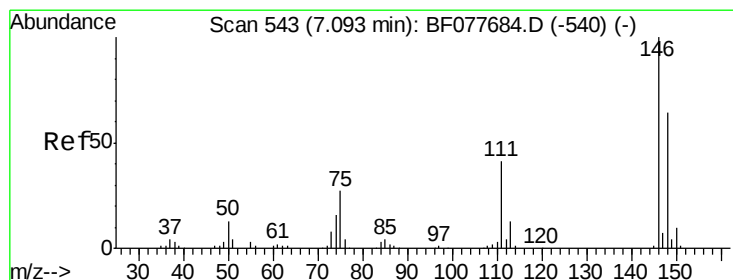
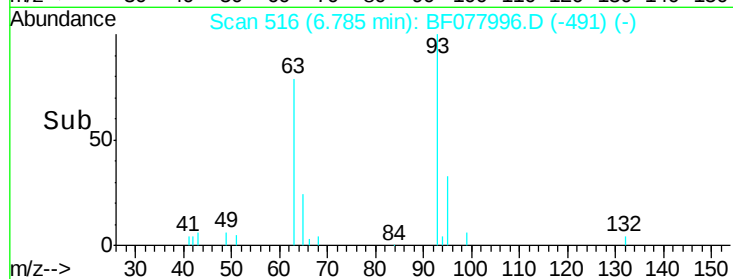
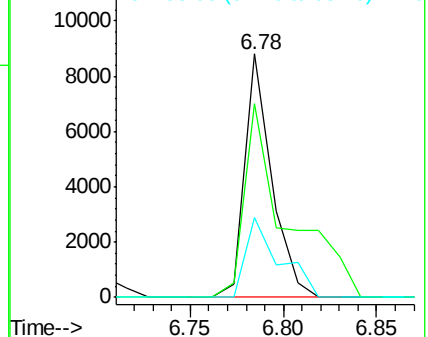
95 32.7 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 3.84 ng

RT: 7.12 min Scan# 545

Delta R.T. 0.10 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

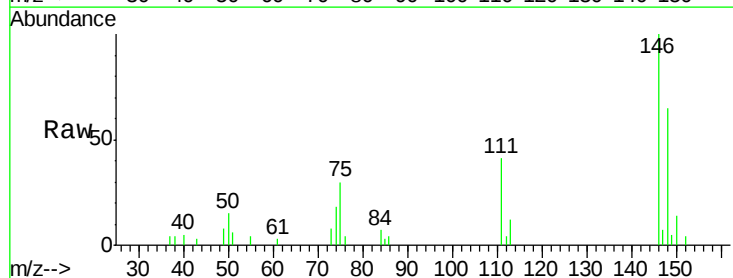
Tgt Ion: 146 Resp: 9624

Ion Ratio Lower Upper

146 100

148 65.4 50.9 76.3

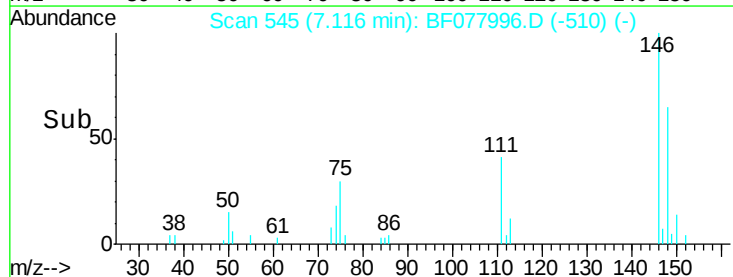
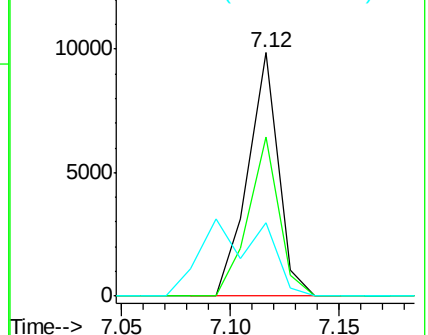
75 30.2 21.4 32.2

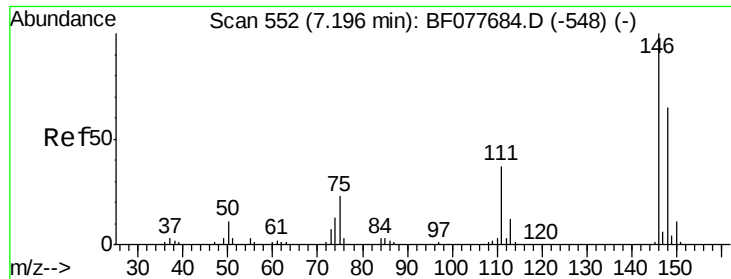


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

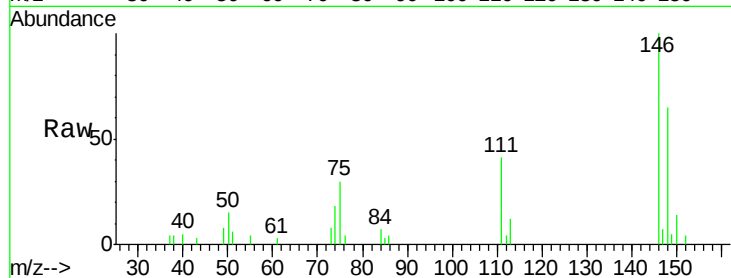




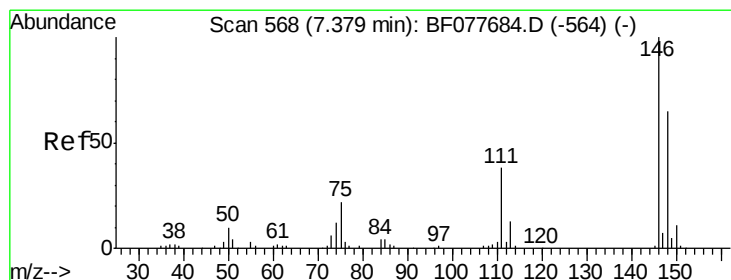
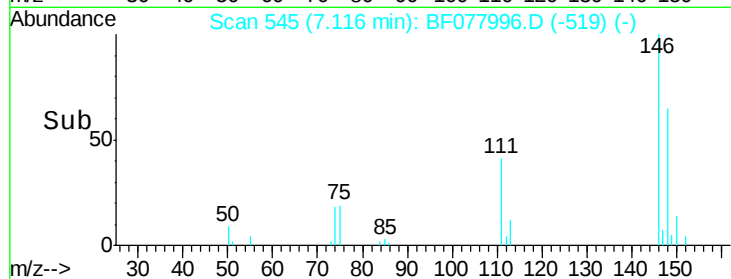
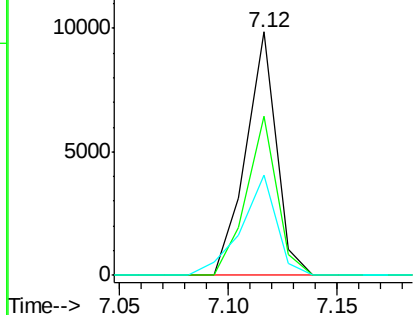
#13
 1,4-Dichlorobenzene
 Concen: 3.70 ng
 RT: 7.12 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:146 Resp: 9624
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.9 77.9
 111 41.4 29.2 43.8

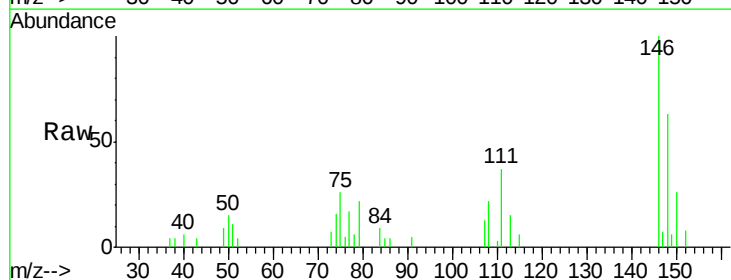


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

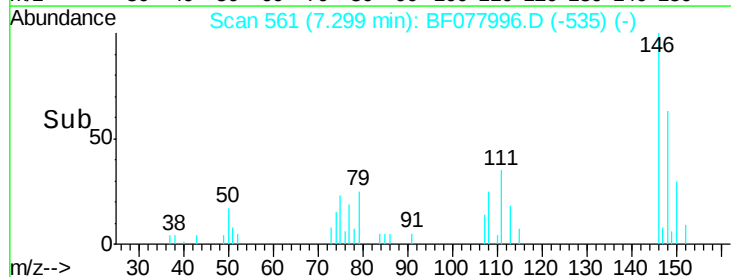
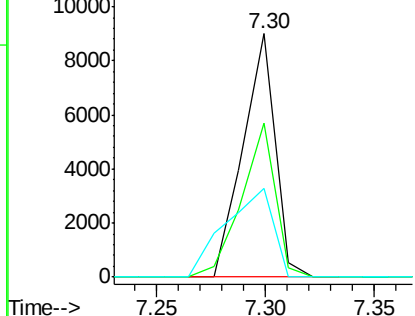


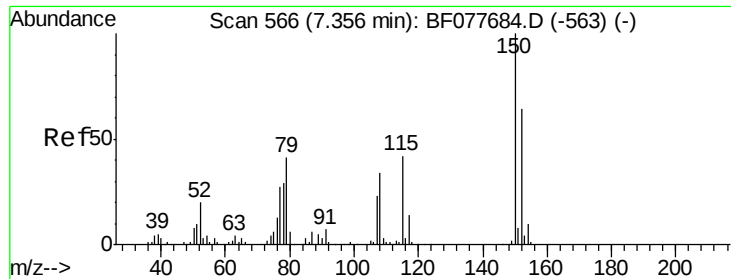
#14
 1,2-Dichlorobenzene
 Concen: 3.88 ng
 RT: 7.30 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

Tgt Ion:146 Resp: 9243
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.3 78.5
 111 36.6 30.6 45.8



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: 4.81 ng

RT: 7.29 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

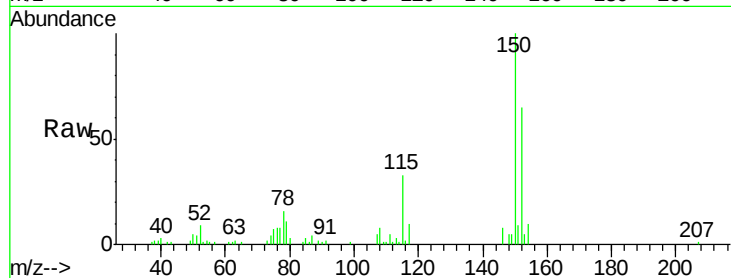
Tgt Ion: 79 Resp: 8766

Ion Ratio Lower Upper

79 100

108 69.5 65.0 97.4

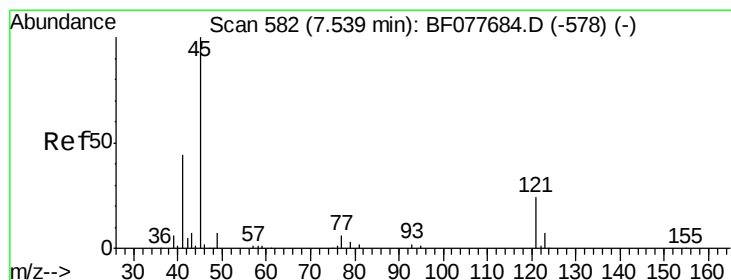
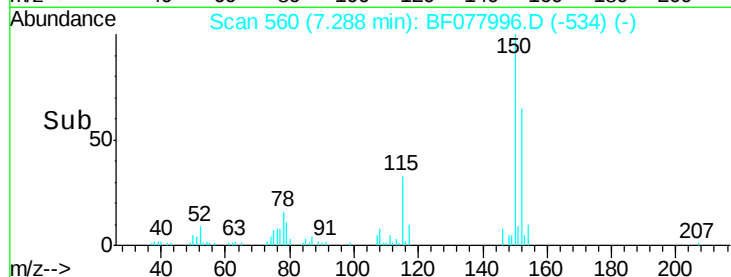
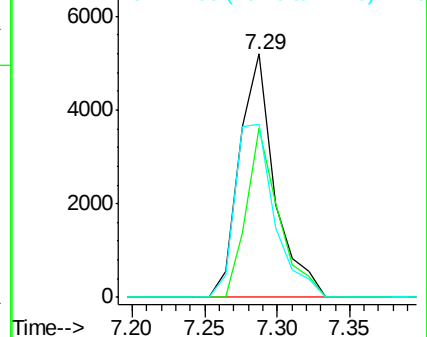
77 71.1 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 3.86 ng

RT: 7.46 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

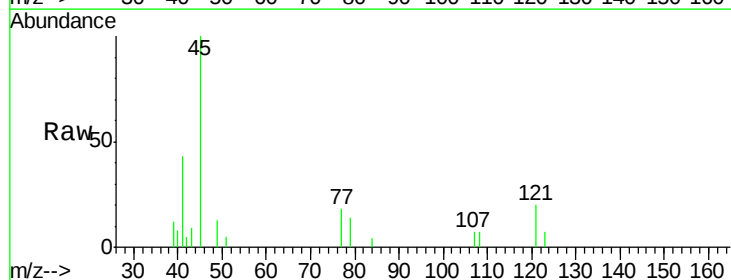
Tgt Ion: 45 Resp: 10761

Ion Ratio Lower Upper

45 100

77 18.4 0.0 35.2

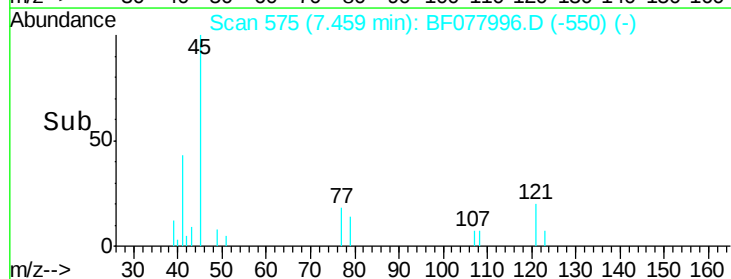
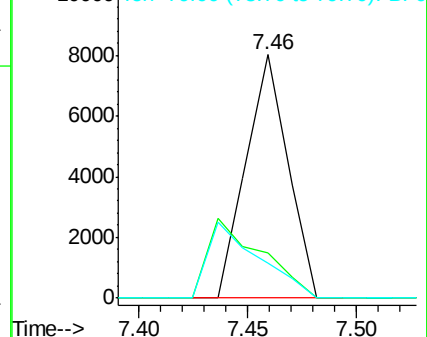
79 14.3 0.0 32.0

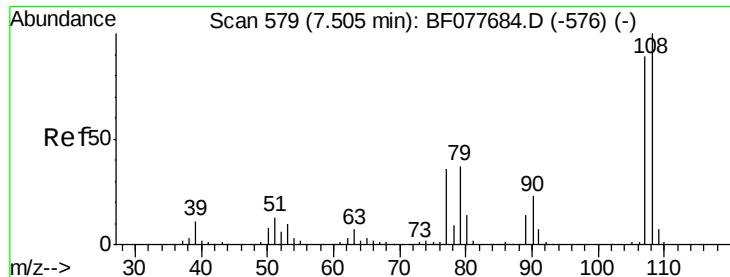


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

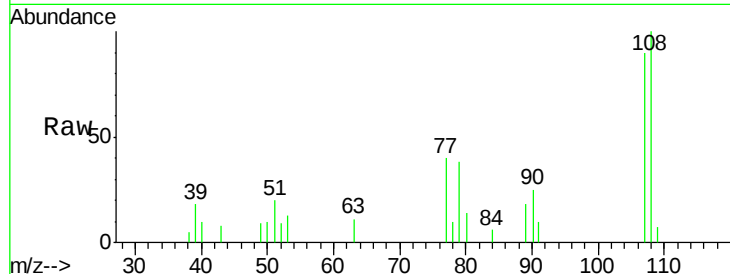




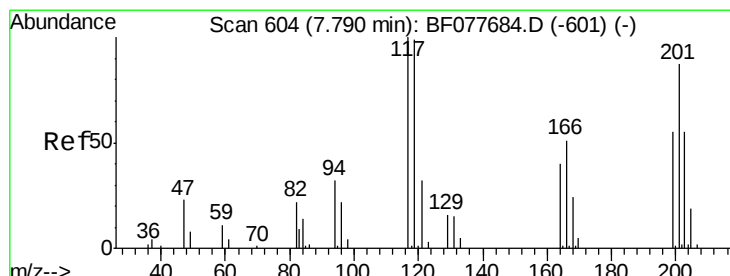
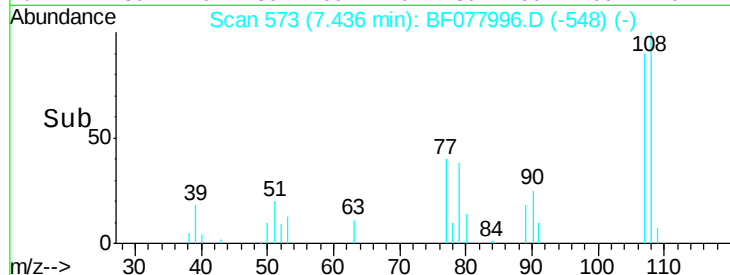
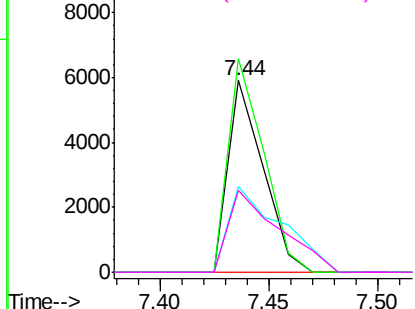
#17
2-Methylphenol
Concen: 3.60 ng
RT: 7.44 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF077996.D
Acq: 26 Mar 2015 15:39

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:107 Resp: 6602
Ion Ratio Lower Upper
107 100
108 111.3 89.8 134.8
77 44.7 32.6 48.8
79 42.6 32.8 49.2

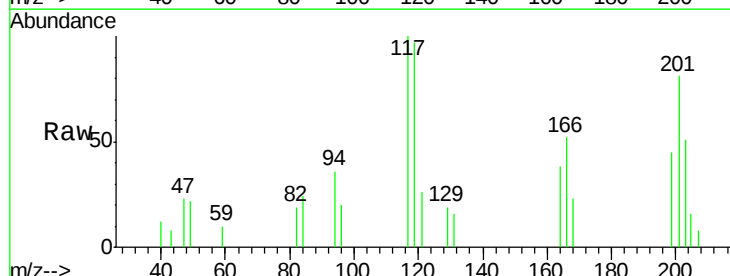


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

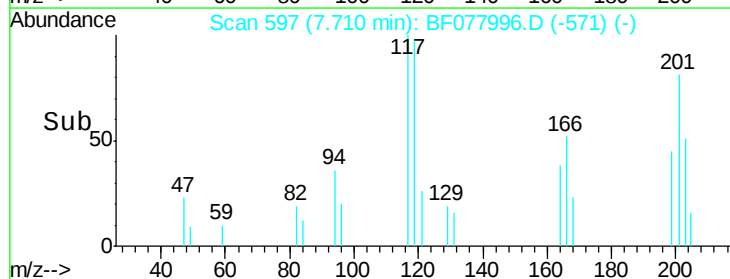
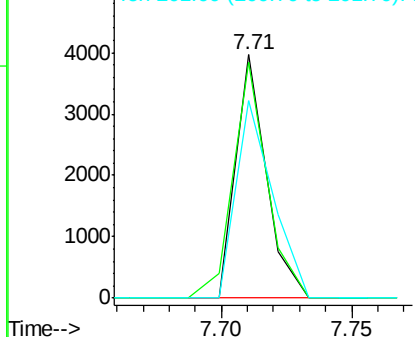


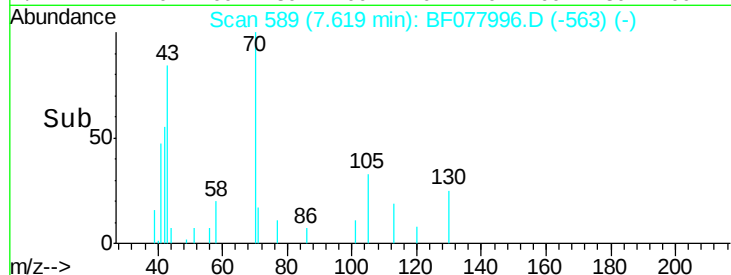
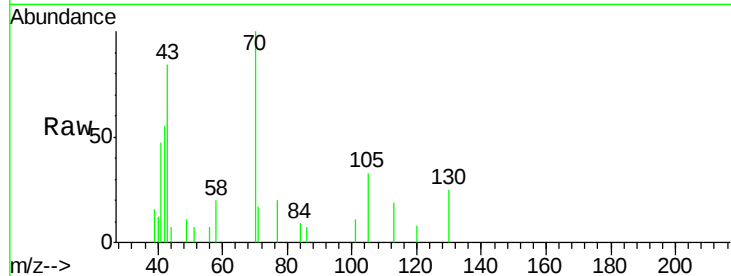
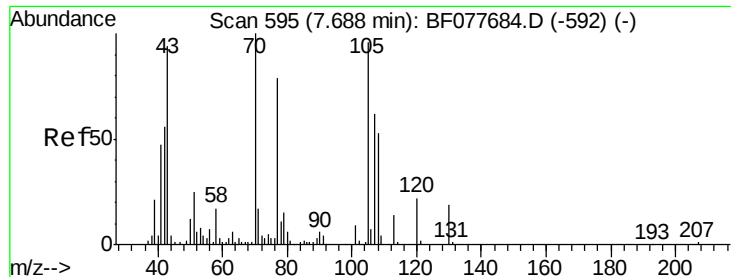
#18
Hexachloroethane
Concen: 3.80 ng
RT: 7.71 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF077996.D
Acq: 26 Mar 2015 15:39

Tgt Ion:117 Resp: 3240
Ion Ratio Lower Upper
117 100
119 97.1 79.2 118.8
201 81.1 69.8 104.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

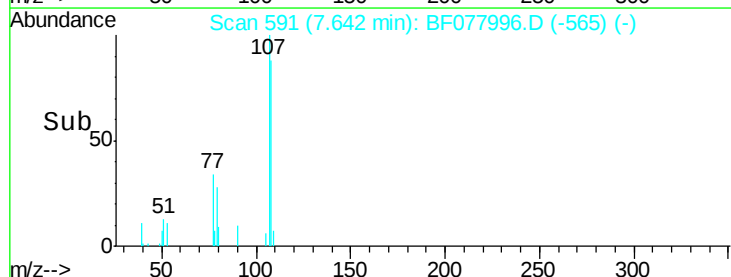
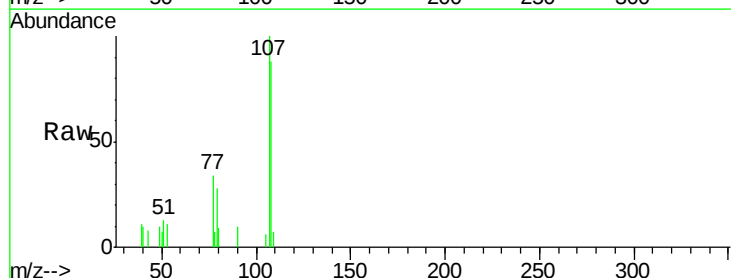
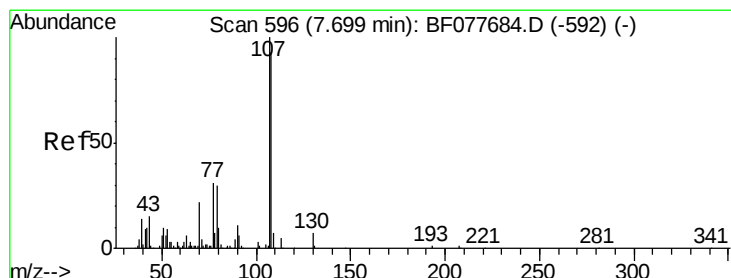
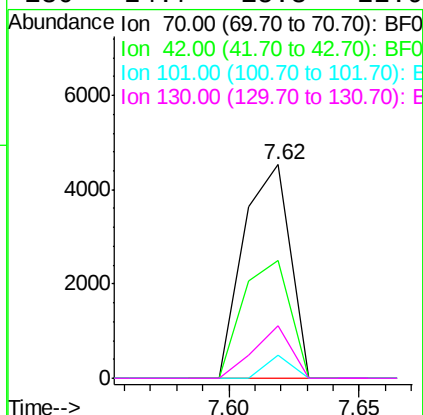




#19
n-Nitroso-di-n-propylamine
Concen: 3.46 ng
RT: 7.62 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF077996.D
Acq: 26 Mar 2015 15:39

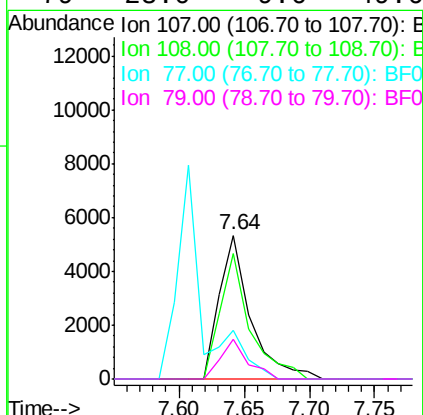
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

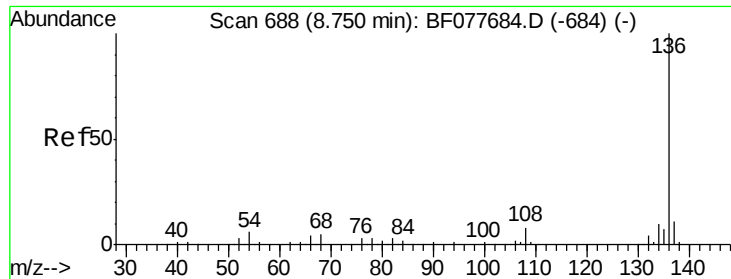
Tgt Ion:	70	Resp:	5596
Ion	Ratio	Lower	Upper
70	100		
42	55.3	44.5	66.7
101	10.9	7.4	11.2
130	24.7	15.3	22.9



#20
3+4-Methylphenols
Concen: 3.74 ng
RT: 7.64 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF077996.D
Acq: 26 Mar 2015 15:39

Tgt Ion:	107	Resp:	8985
Ion	Ratio	Lower	Upper
107	100		
108	87.7	73.2	113.2
77	34.3	10.7	50.7
79	28.0	9.6	49.6

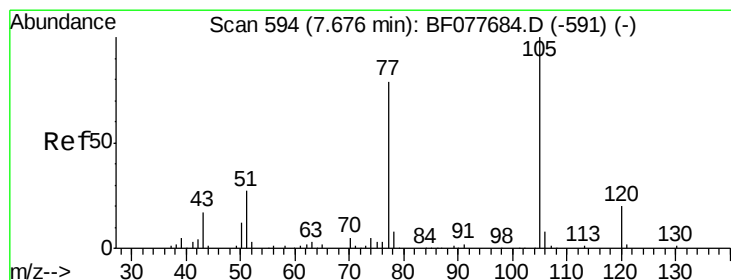
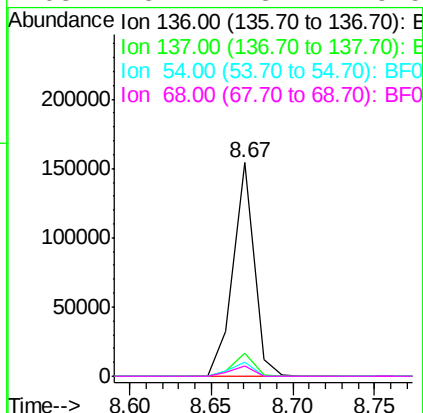
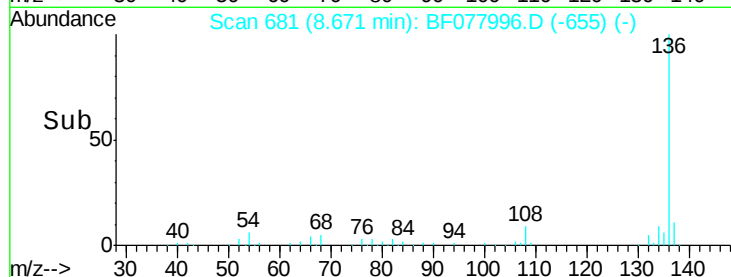
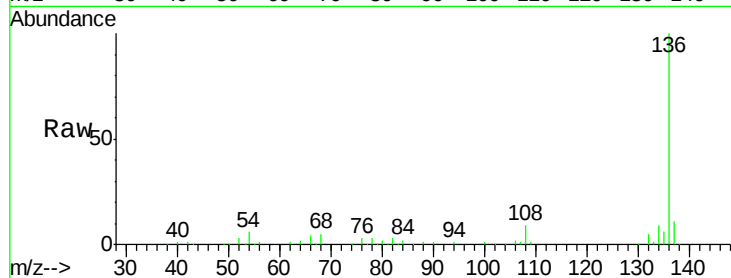




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF077996.D
Acq: 26 Mar 2015 15:39

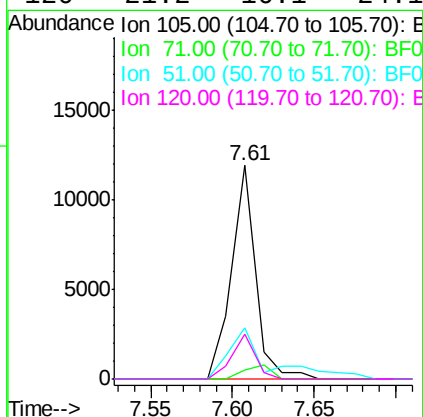
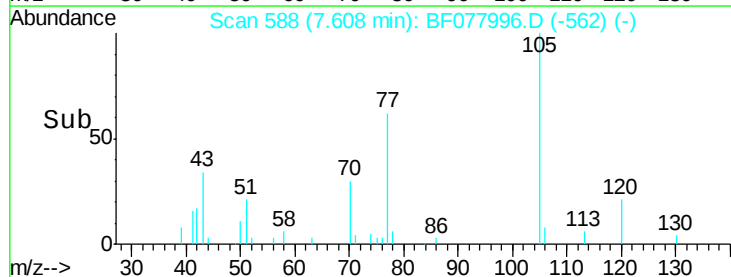
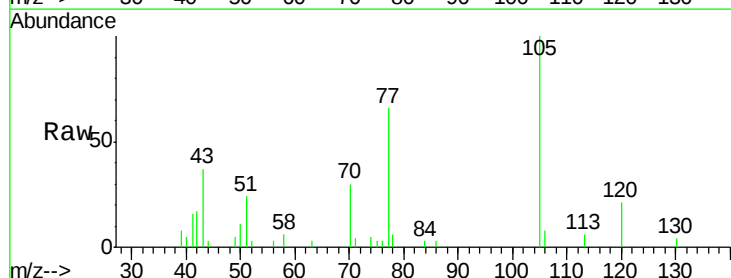
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

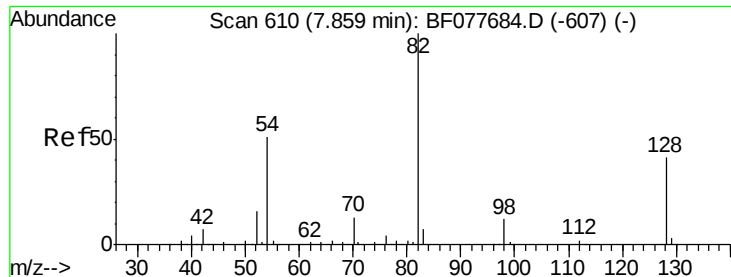
Tgt Ion:	136	Resp:	137388
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.4	4.6	6.8
68	5.1	3.7	5.5



#22
Acetophenone
Concen: 3.97 ng
RT: 7.61 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF077996.D
Acq: 26 Mar 2015 15:39

Tgt Ion:	105	Resp:	12086
Ion	Ratio	Lower	Upper
105	100		
71	4.3	0.6	1.0#
51	24.2	21.6	32.4
120	21.2	16.1	24.1

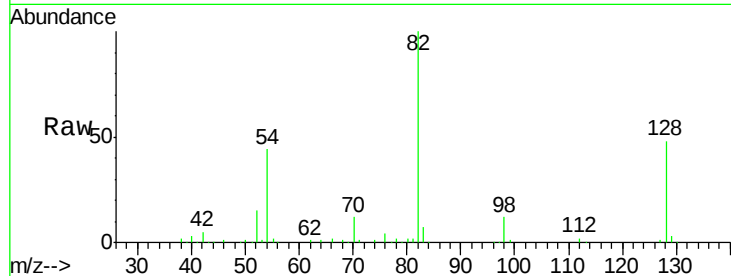




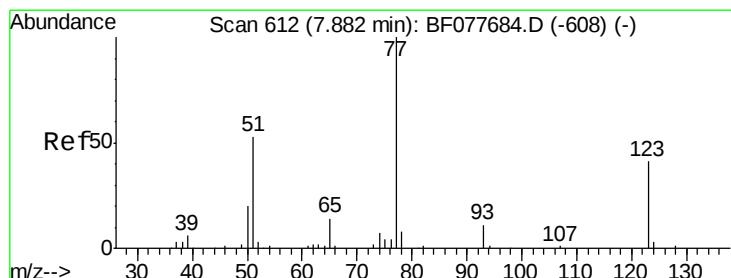
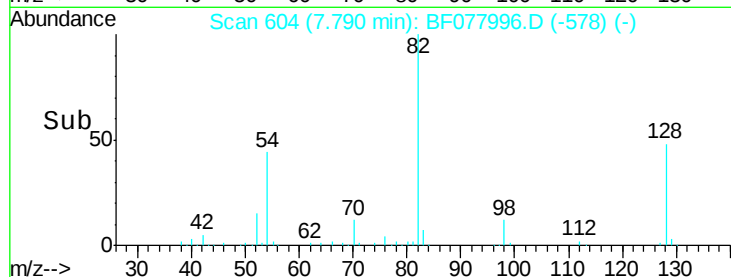
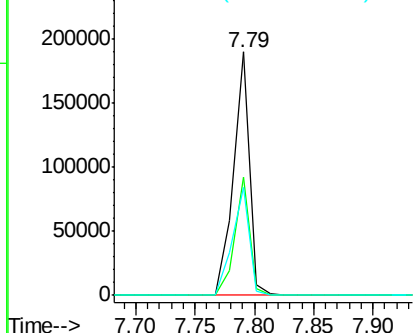
#23
 Nitrobenzene-d5
 Concen: 85.02 ng
 RT: 7.79 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion: 82 Resp: 178182
 Ion Ratio Lower Upper
 82 100
 128 48.4 32.8 49.2
 54 44.2 40.6 60.8

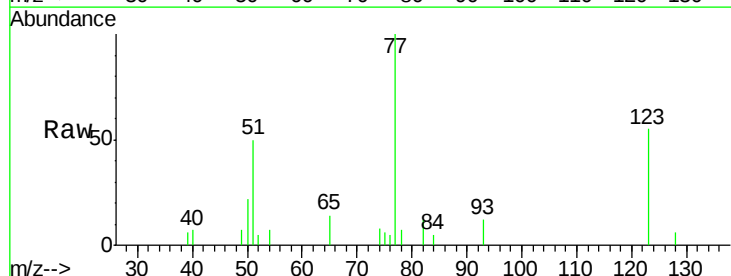


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

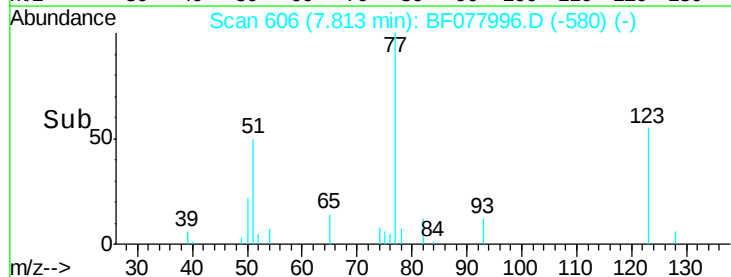
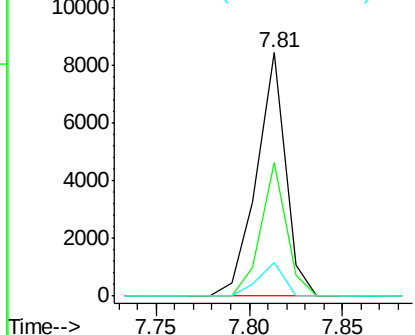


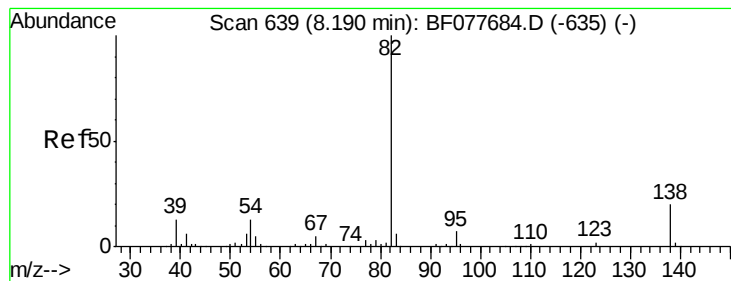
#24
 Nitrobenzene
 Concen: 4.03 ng
 RT: 7.81 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

Tgt Ion: 77 Resp: 9097
 Ion Ratio Lower Upper
 77 100
 123 55.0 32.6 49.0#
 65 13.7 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 3.50 ng

RT: 8.11 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

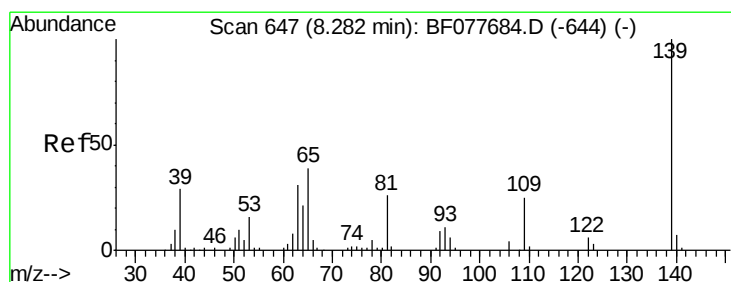
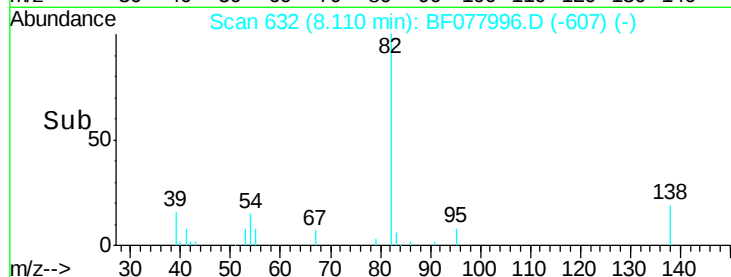
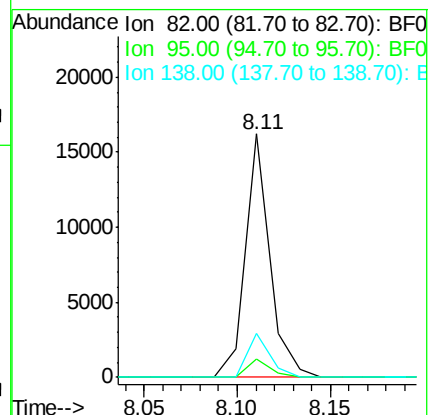
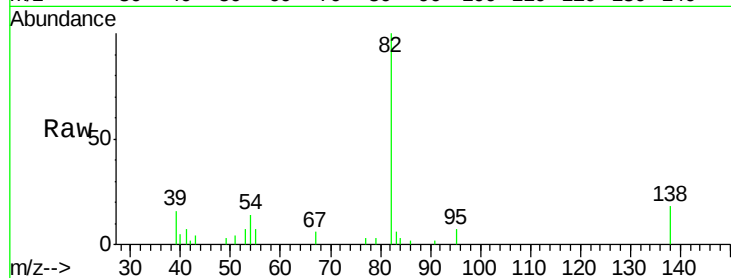
Tgt Ion: 82 Resp: 14806

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.6

138 18.2 16.3 24.5



#26

2-Nitrophenol

Concen: 2.77 ng

RT: 8.21 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

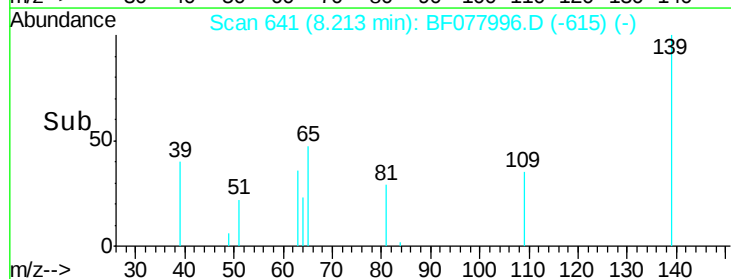
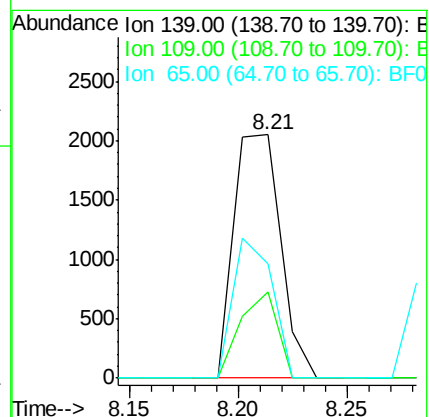
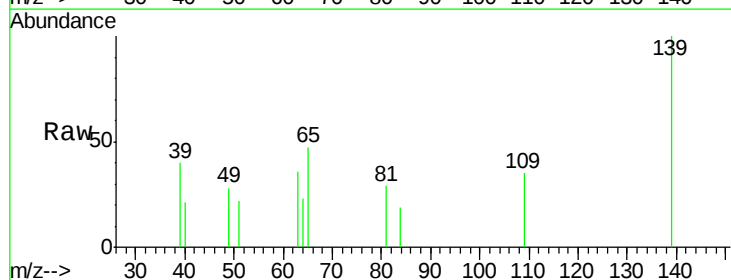
Tgt Ion: 139 Resp: 3064

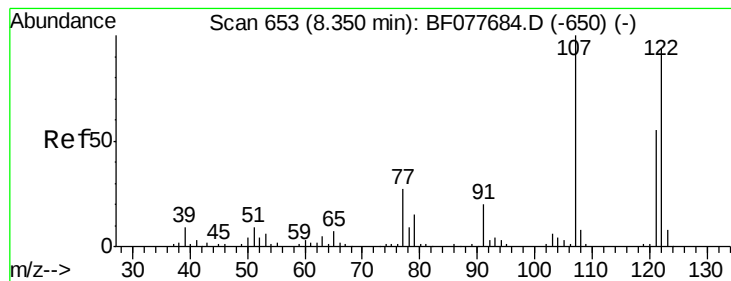
Ion Ratio Lower Upper

139 100

109 35.2 20.1 30.1#

65 46.8 31.5 47.3

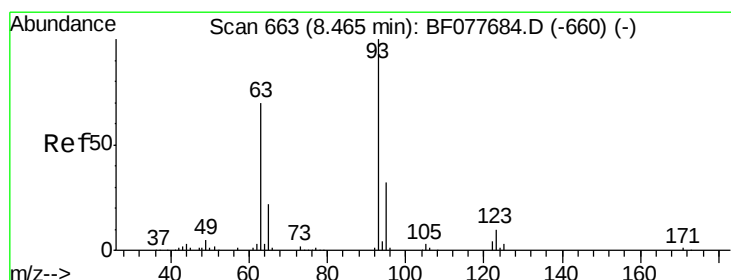
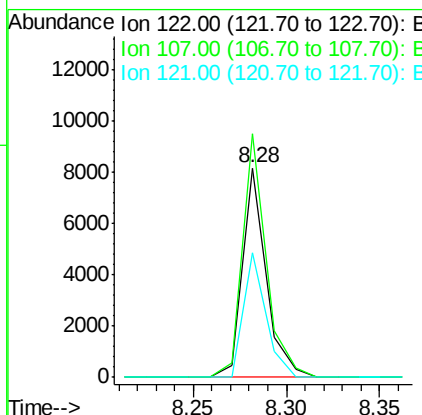
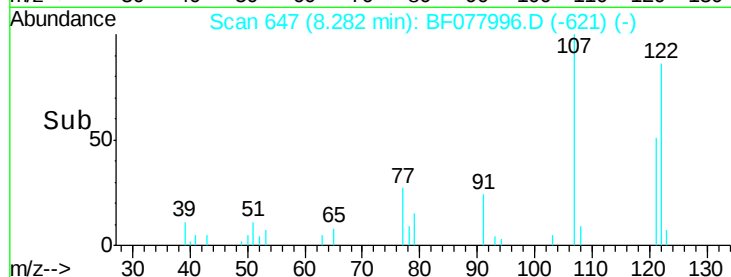
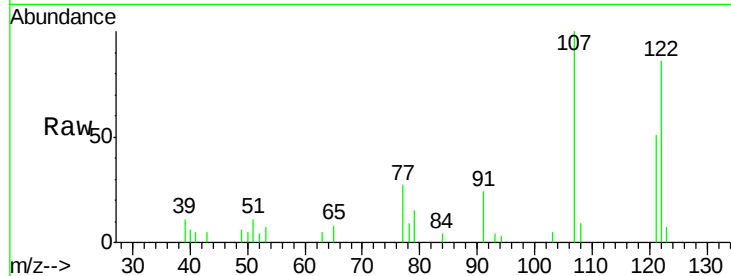




#27
 2,4-Dimethylphenol
 Concen: 3.58 ng
 RT: 8.28 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

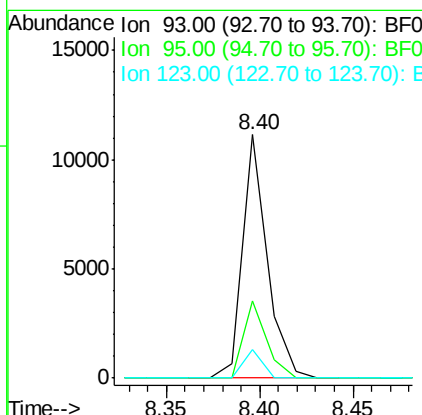
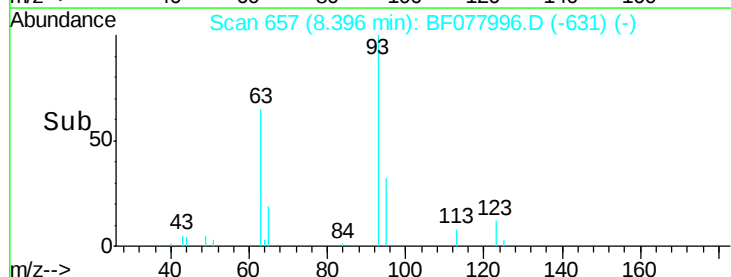
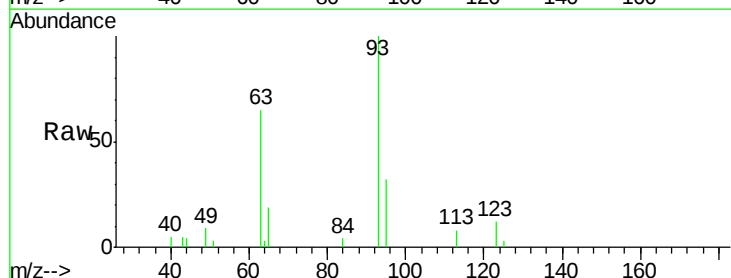
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

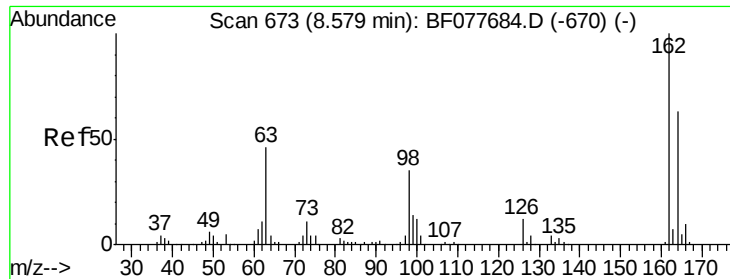
Tgt Ion: 122 Resp: 7219
 Ion Ratio Lower Upper
 122 100
 107 116.3 84.7 127.1
 121 59.4 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 4.00 ng
 RT: 8.40 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

Tgt Ion: 93 Resp: 10273
 Ion Ratio Lower Upper
 93 100
 95 31.9 25.5 38.3
 123 12.0 8.6 13.0

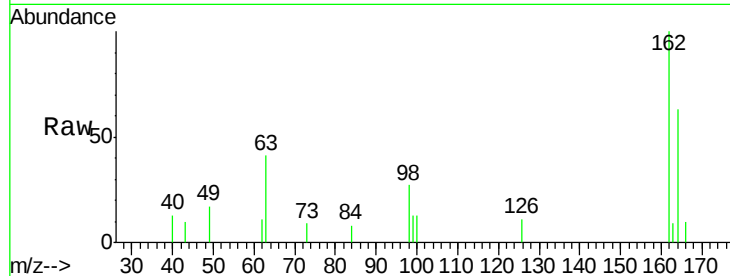




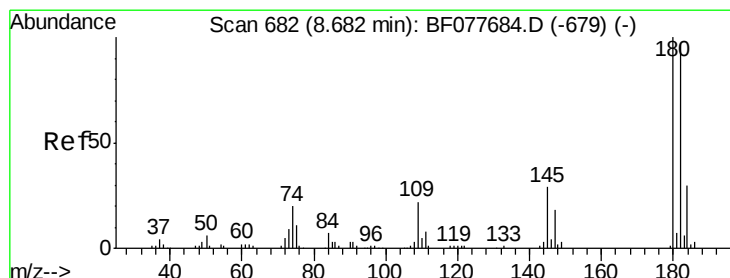
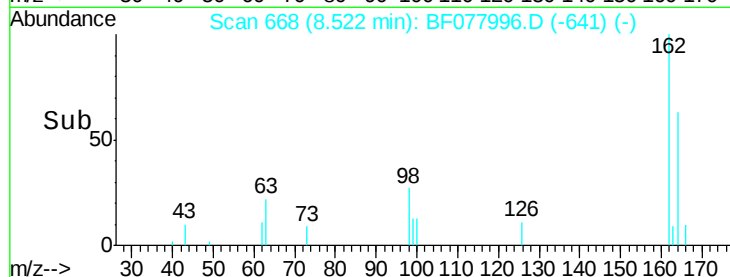
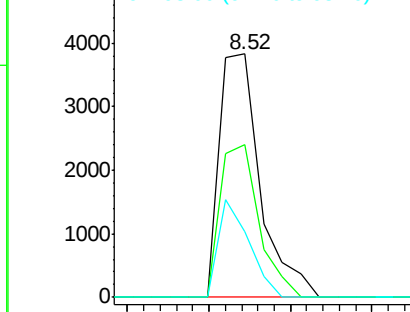
#29
 2,4-Dichlorophenol
 Concen: 3.46 ng
 RT: 8.52 min Scan# 668
 Delta R.T. 0.01 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:162 Resp: 6633
 Ion Ratio Lower Upper
 162 100
 164 62.7 42.8 82.8
 98 27.2 14.5 54.5

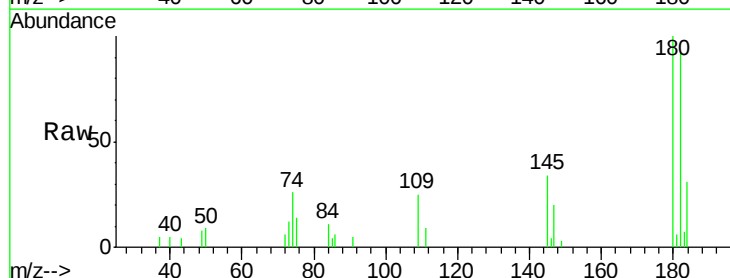


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

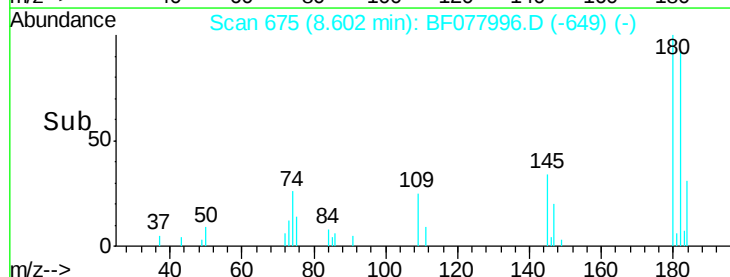
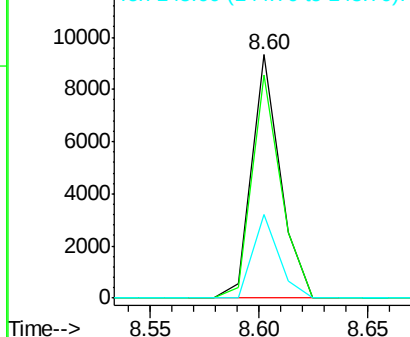


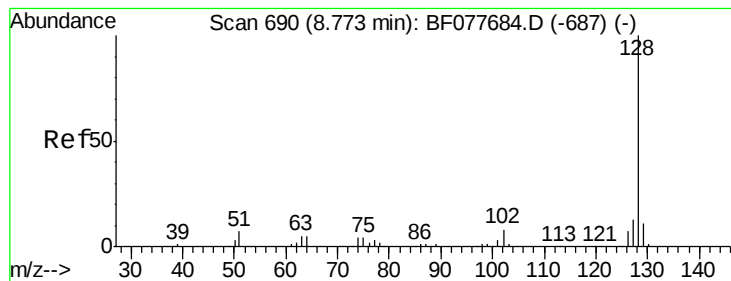
#30
 1,2,4-Trichlorobenzene
 Concen: 3.95 ng
 RT: 8.60 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

Tgt Ion:180 Resp: 8489
 Ion Ratio Lower Upper
 180 100
 182 91.5 77.6 116.4
 145 34.5 23.4 35.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 3.82 ng

RT: 8.69 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

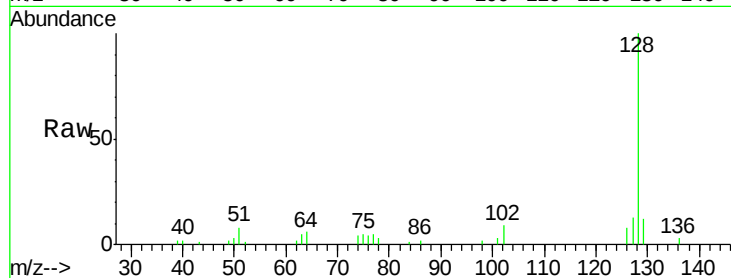
Tgt Ion:128 Resp: 26928

Ion Ratio Lower Upper

128 100

129 11.8 8.9 13.3

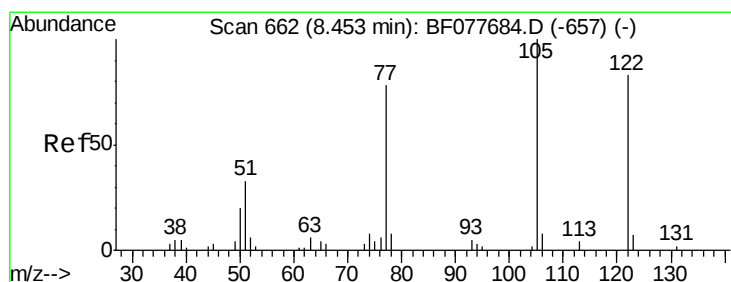
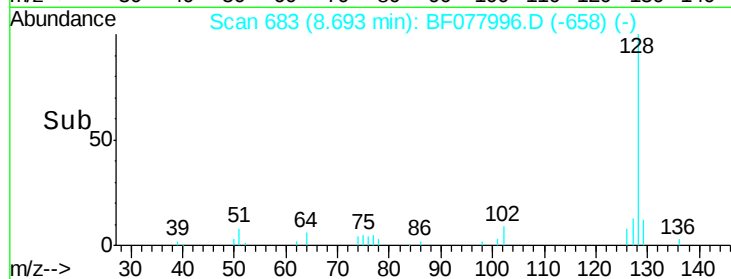
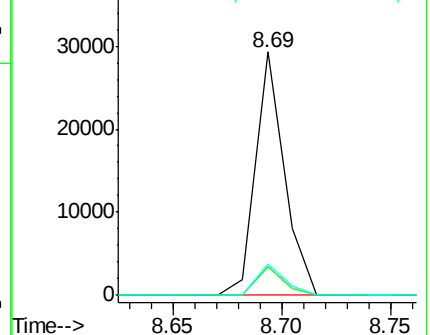
127 13.0 10.4 15.6



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: 9.10 ng

RT: 8.28 min Scan# 647

Delta R.T. -0.13 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

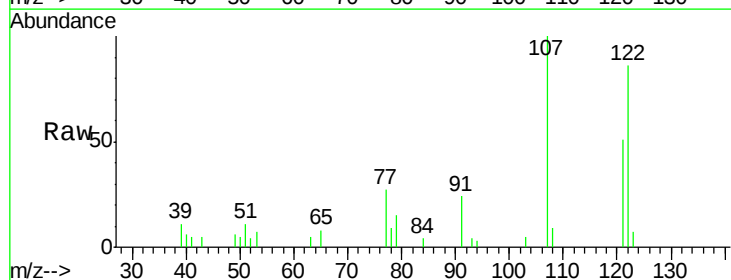
Tgt Ion:122 Resp: 7219

Ion Ratio Lower Upper

122 100

105 0.0 99.9 139.9#

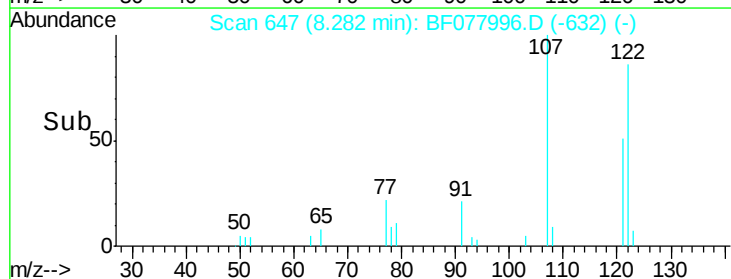
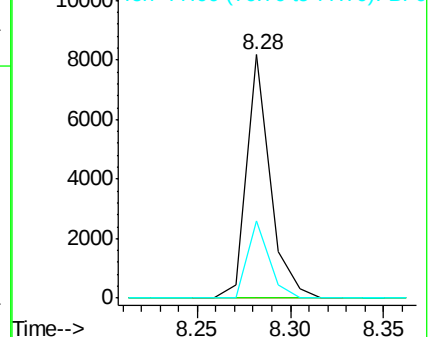
77 31.7 73.7 113.7#

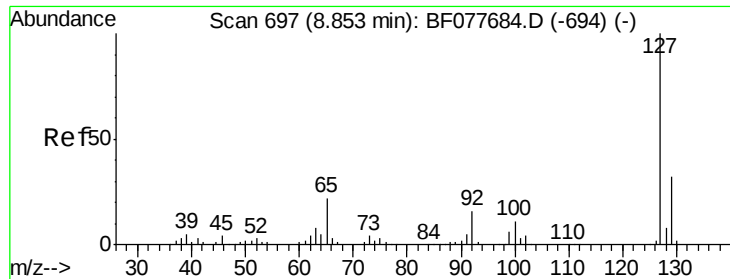


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

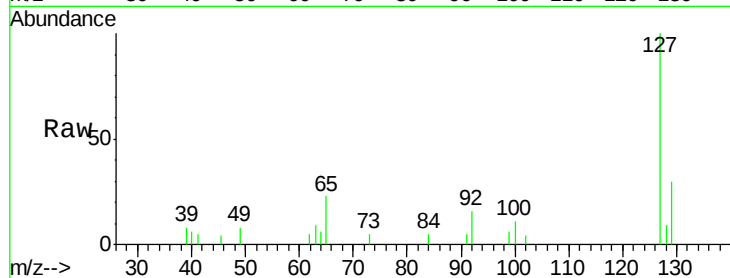




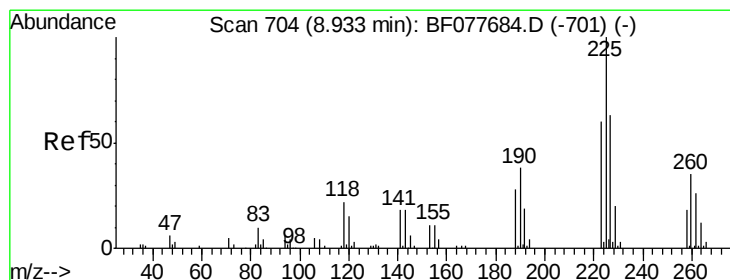
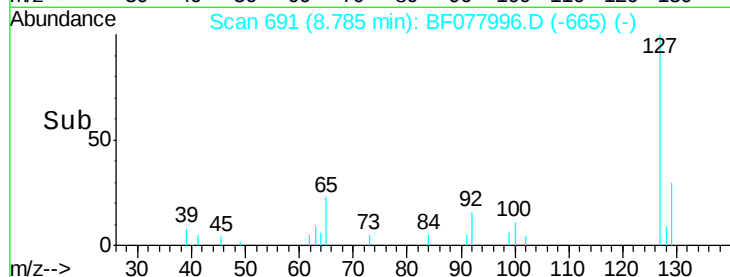
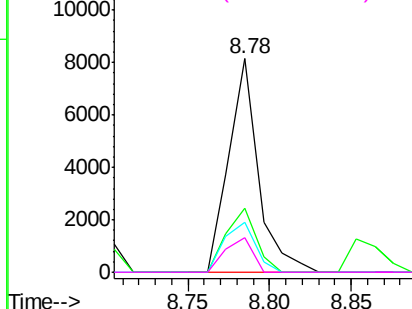
#33
4-Chloroaniline
Concen: 3.56 ng
RT: 8.78 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF077996.D
Acq: 26 Mar 2015 15:39

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:	127	Resp:	10197
Ion	Ratio	Lower	Upper
127	100		
129	30.1	25.3	37.9
65	23.2	17.6	26.4
92	16.0	13.1	19.7

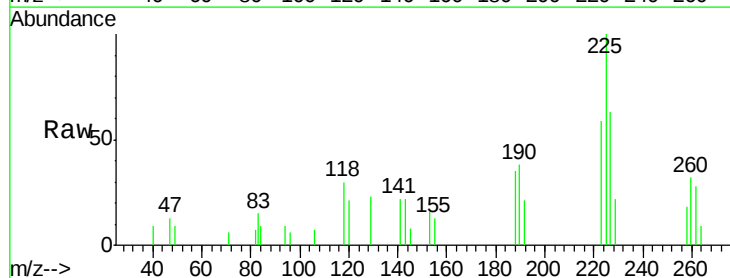


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

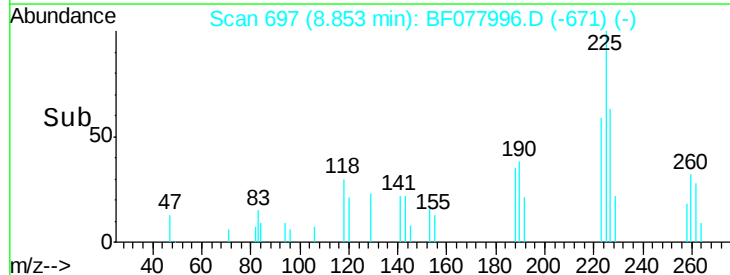
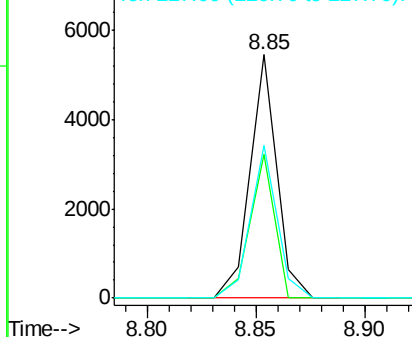


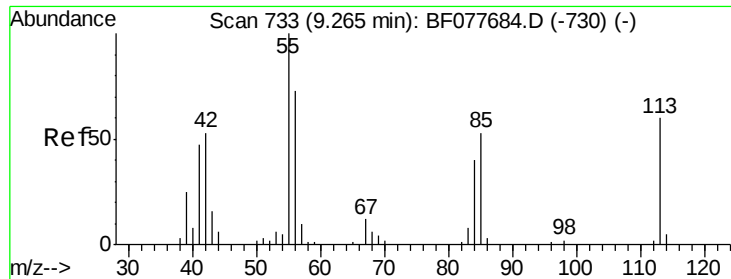
#34
Hexachlorobutadiene
Concen: 3.83 ng
RT: 8.85 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF077996.D
Acq: 26 Mar 2015 15:39

Tgt Ion:	225	Resp:	4661
Ion	Ratio	Lower	Upper
225	100		
223	58.9	47.9	71.9
227	63.0	50.1	75.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

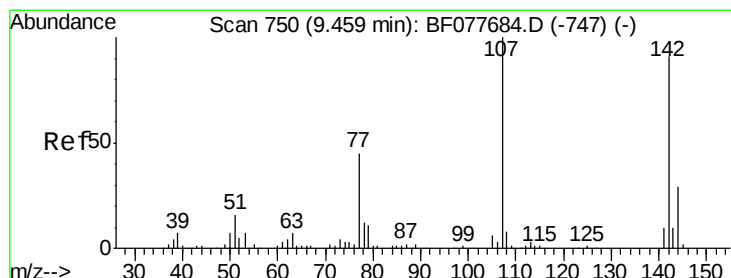
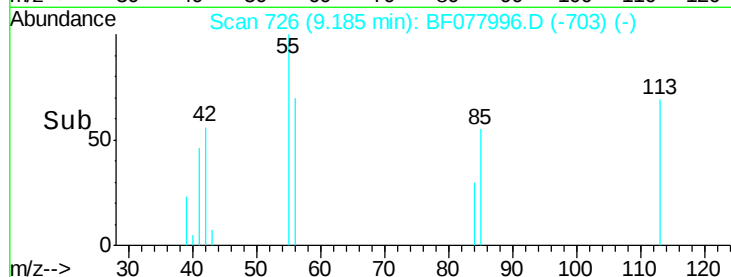
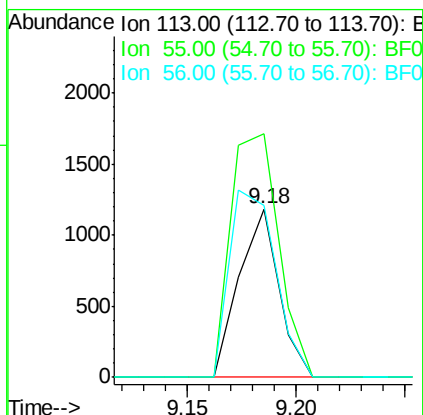
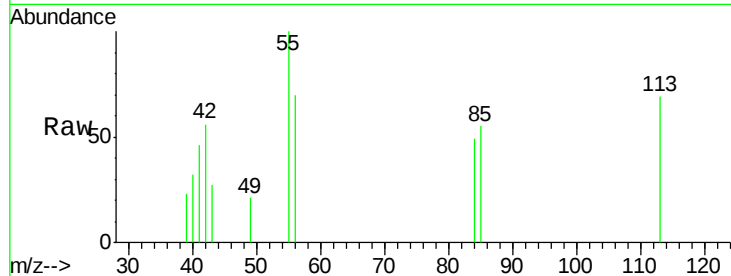




#35
 Caprolactam
 Concen: 2.68 ng
 RT: 9.18 min Scan# 726
 Delta R.T. -0.03 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

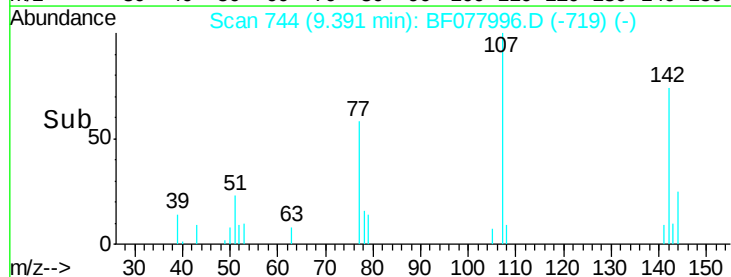
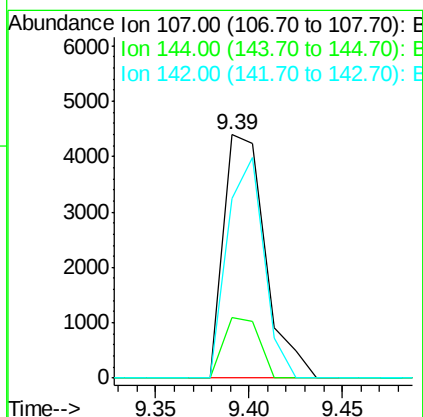
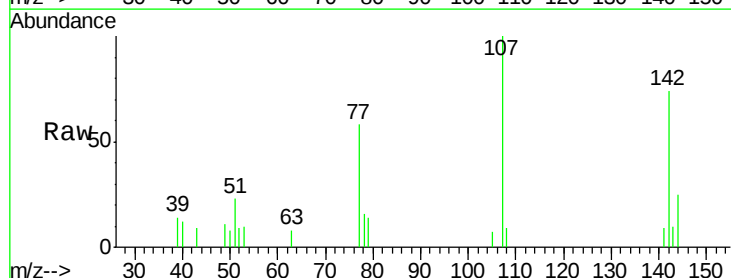
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

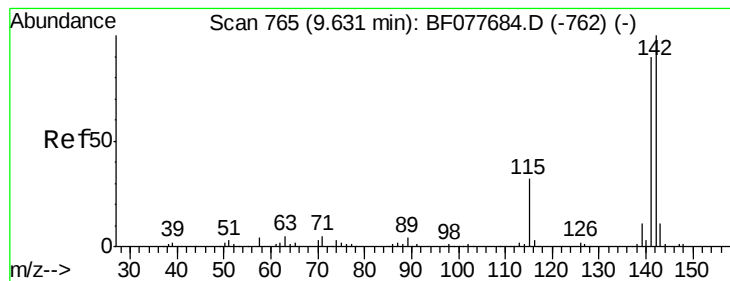
Tgt Ion:113 Resp: 1503
 Ion Ratio Lower Upper
 113 100
 55 144.4 145.9 185.9#
 56 101.7 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 3.57 ng
 RT: 9.39 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

Tgt Ion:107 Resp: 6892
 Ion Ratio Lower Upper
 107 100
 144 24.7 23.3 34.9
 142 73.9 72.6 109.0

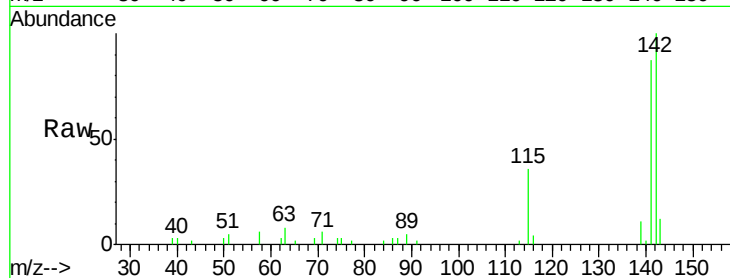




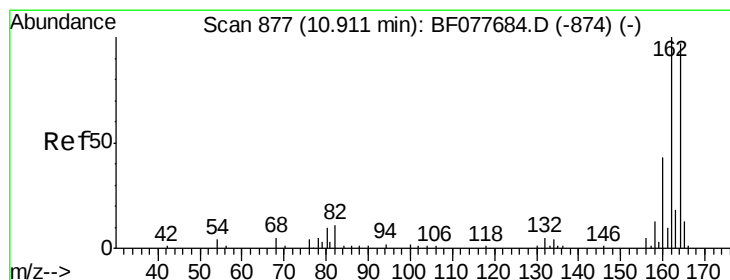
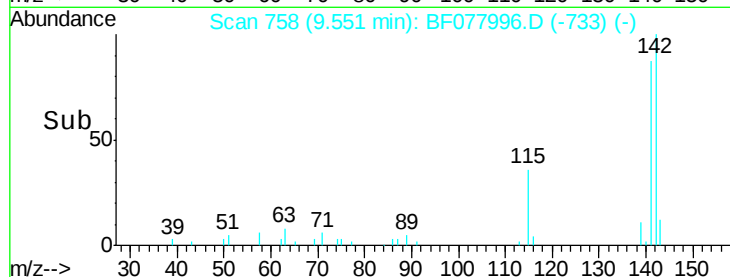
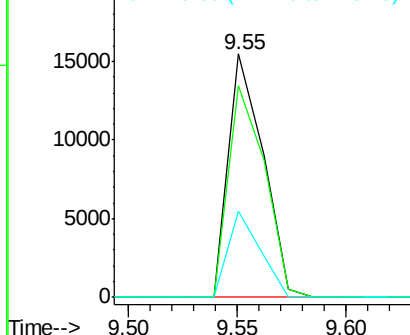
#37
 2-Methylnaphthalene
 Concen: 3.62 ng
 RT: 9.55 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:142 Resp: 17155
 Ion Ratio Lower Upper
 142 100
 141 87.2 71.9 107.9
 115 35.6 25.4 38.0

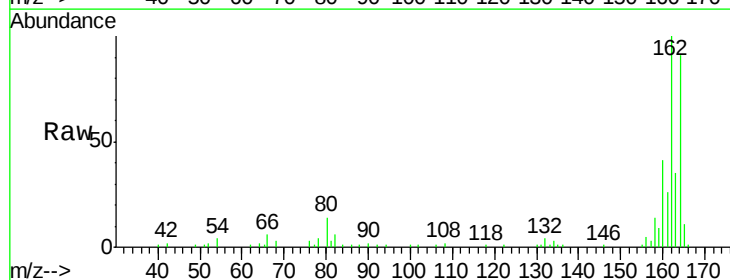


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

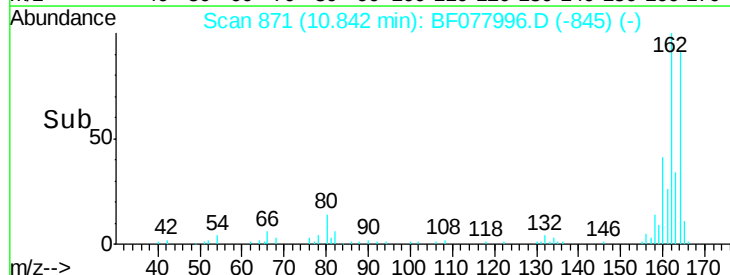
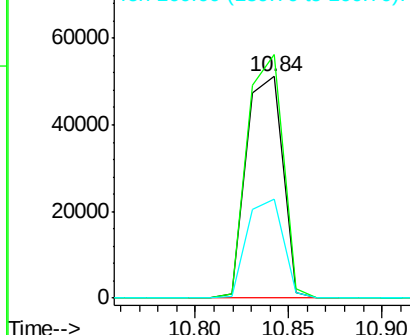


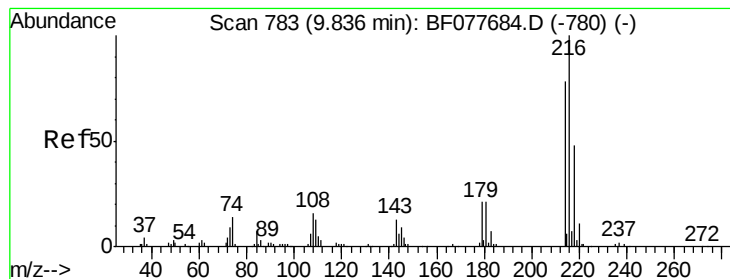
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

Tgt Ion:164 Resp: 69239
 Ion Ratio Lower Upper
 164 100
 162 109.8 82.4 123.6
 160 44.8 35.8 53.6



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.69 ng

RT: 9.76 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

Tgt Ion:216 Resp: 7612

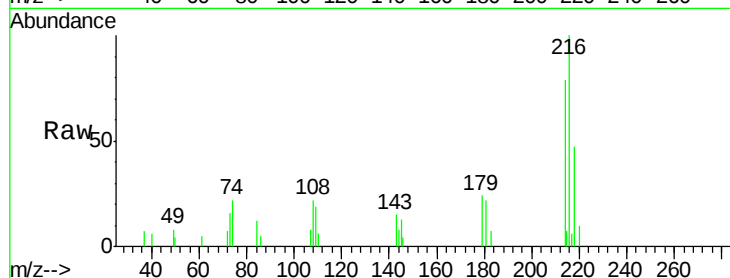
Ion Ratio Lower Upper

216 100

214 81.0 0.0 0.0#

179 22.1 0.0 0.0#

108 14.6 0.0 0.0#

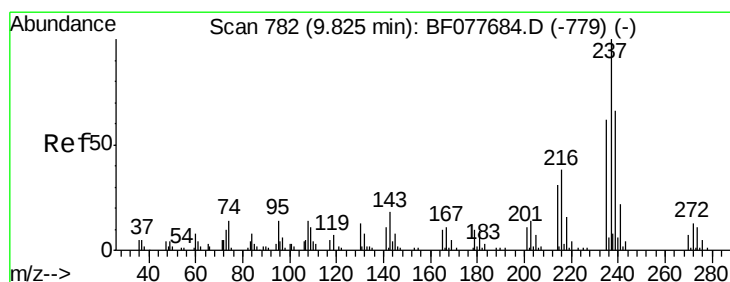
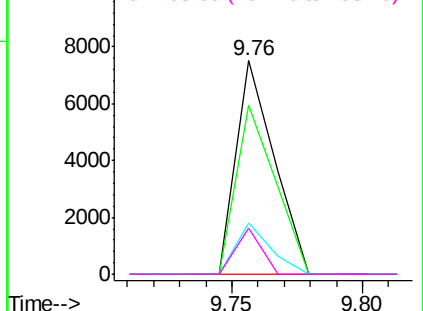
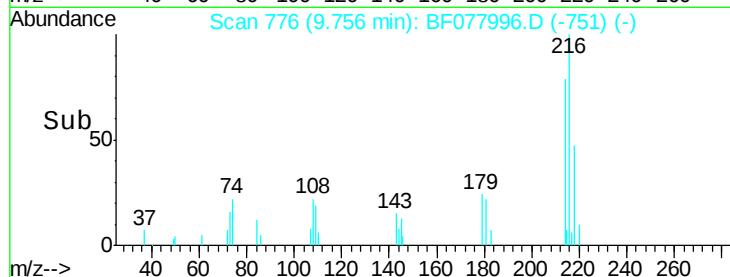


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 4.03 ng

RT: 9.74 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

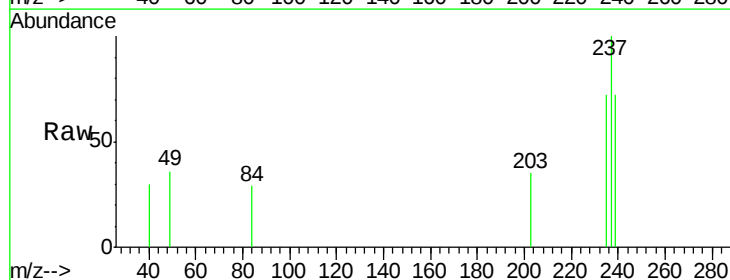
Tgt Ion:237 Resp: 927

Ion Ratio Lower Upper

237 100

235 72.1 42.0 82.0

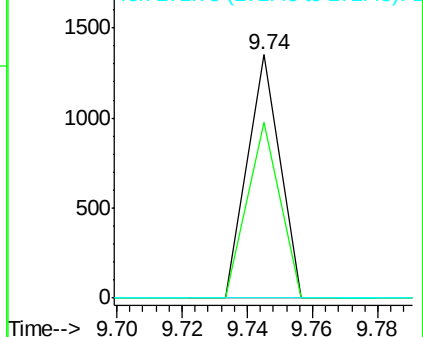
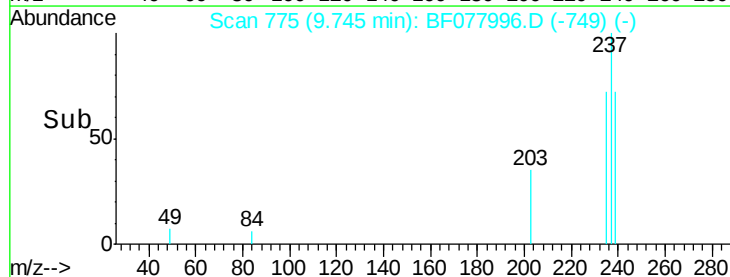
272 0.0 0.0 33.4

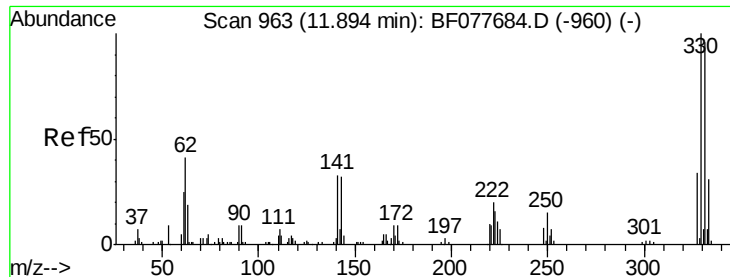


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

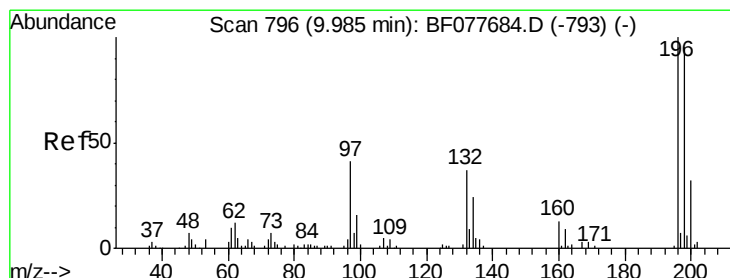
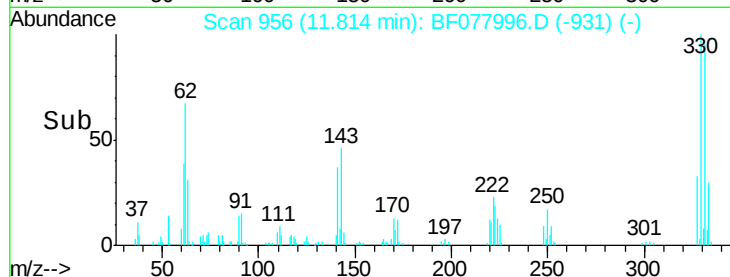
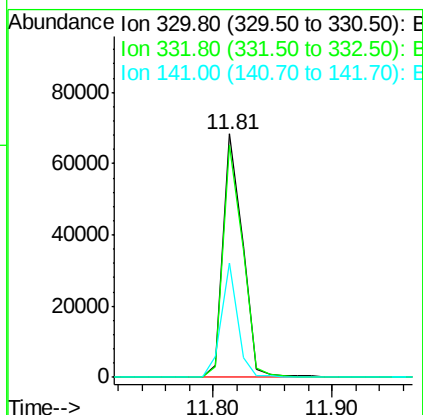
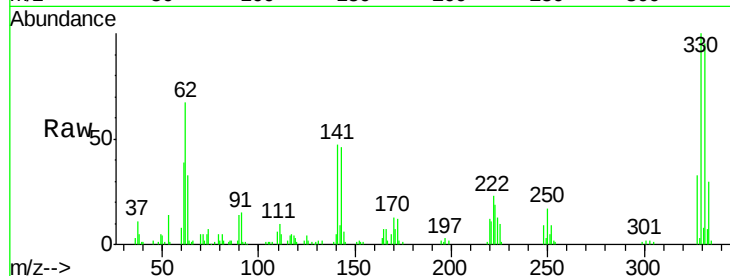




#41
 2,4,6-Tribromophenol
 Concen: 116.53 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

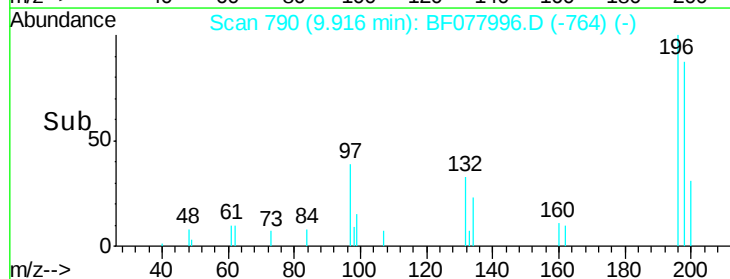
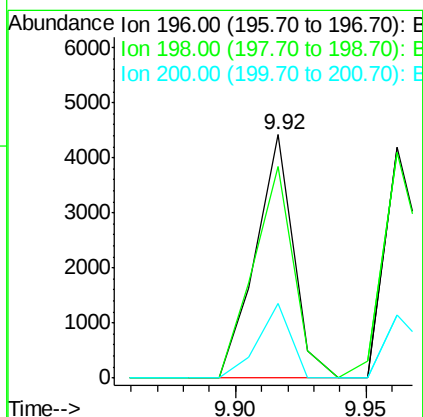
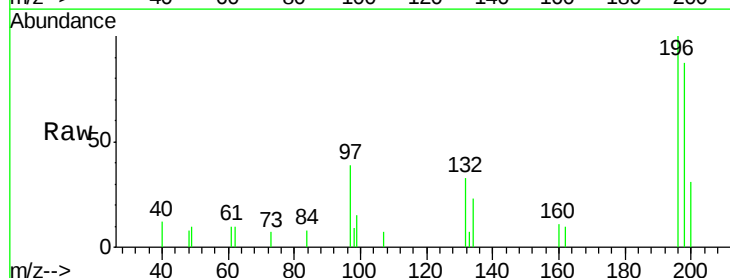
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

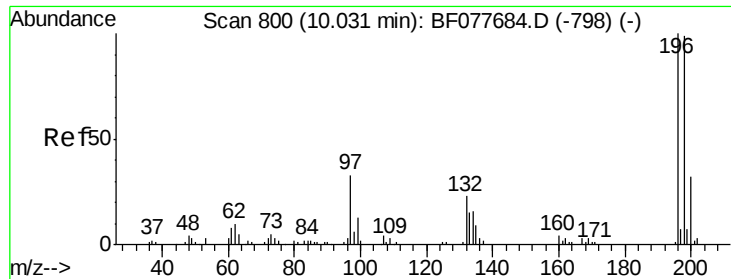
Tgt Ion:330 Resp: 77197
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 39.5 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 3.14 ng
 RT: 9.92 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

Tgt Ion:196 Resp: 4490
 Ion Ratio Lower Upper
 196 100
 198 86.8 76.3 114.5
 200 30.6 25.6 38.4

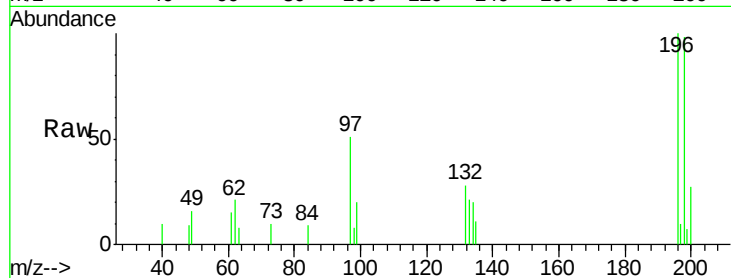




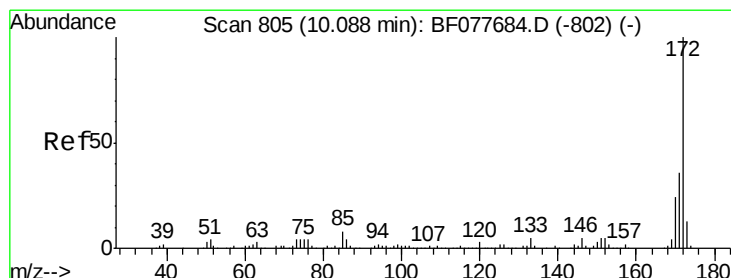
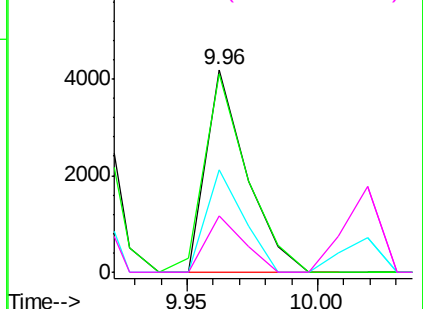
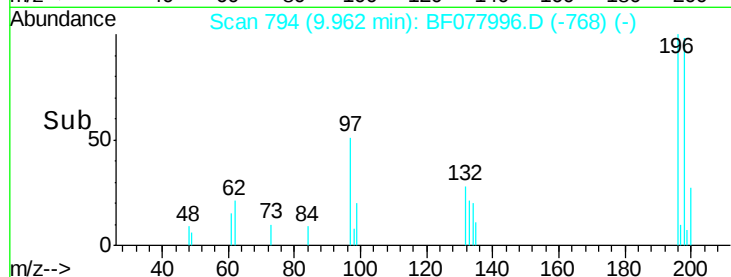
#43
 2,4,5-Trichlorophenol
 Concen: 2.94 ng
 RT: 9.96 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:196 Resp: 4543
 Ion Ratio Lower Upper
 196 100
 198 97.9 79.4 119.0
 97 50.5 26.8 40.2#
 132 28.1 18.6 28.0#

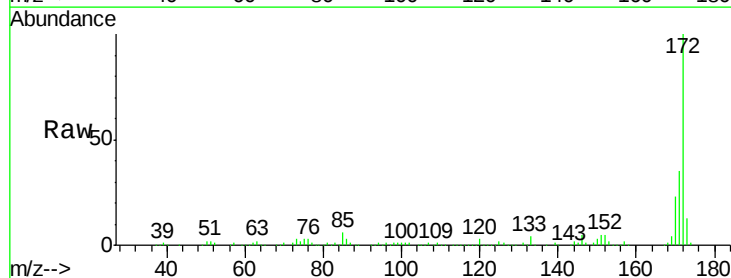


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

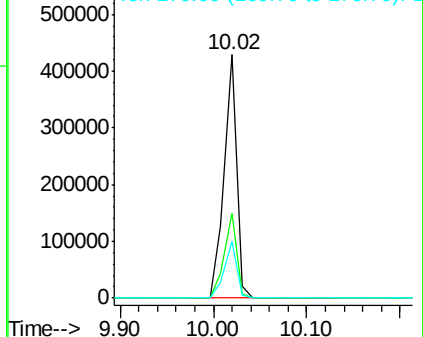
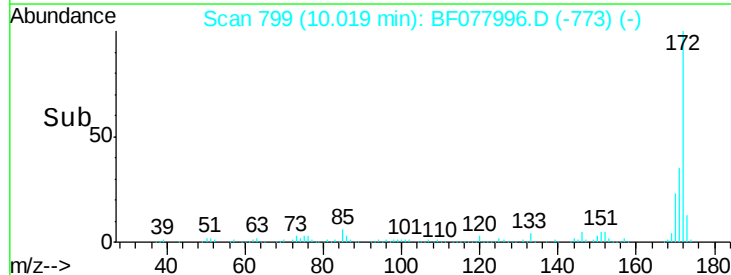


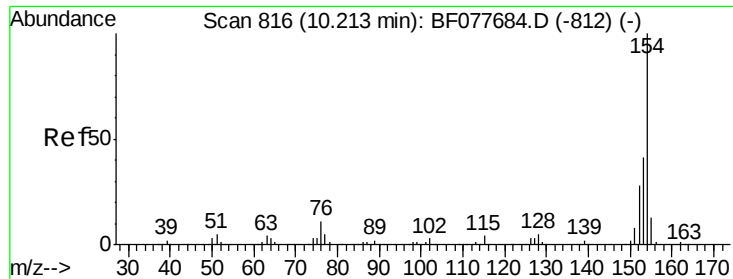
#44
 2-Fluorobiphenyl
 Concen: 84.60 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

Tgt Ion:172 Resp: 398562
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.5 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

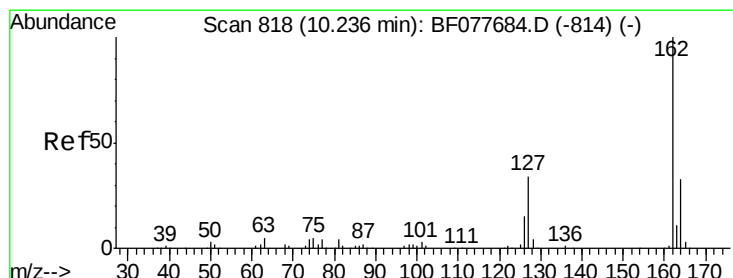
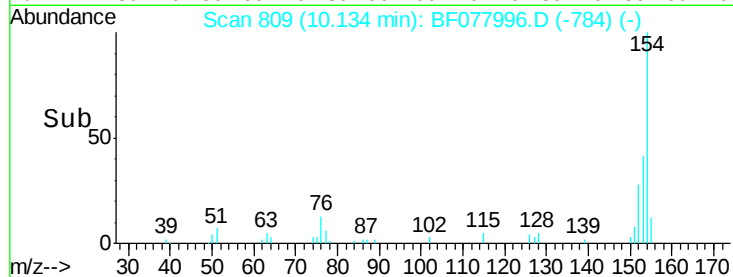
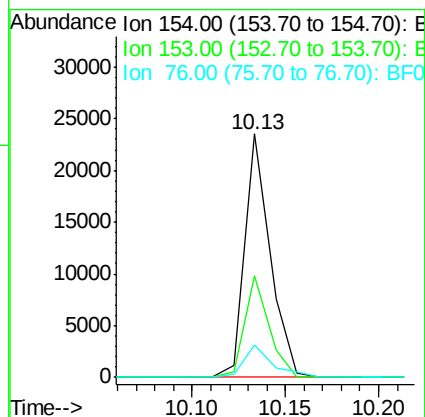
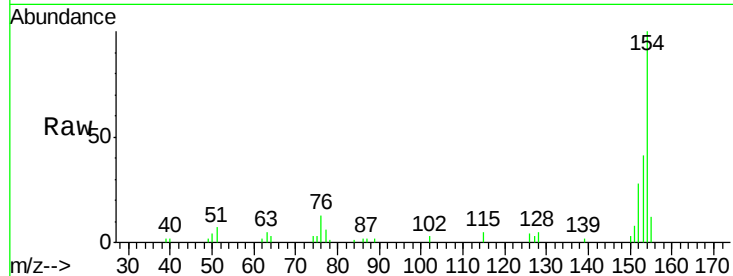




#45
1,1'-Biphenyl
Concen: 4.04 ng
RT: 10.13 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF077996.D
Acq: 26 Mar 2015 15:39

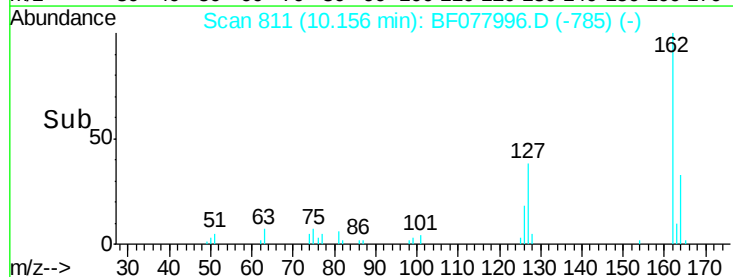
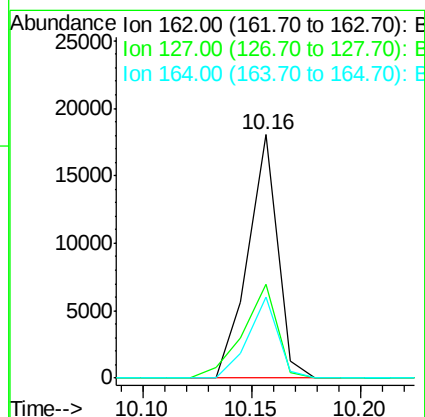
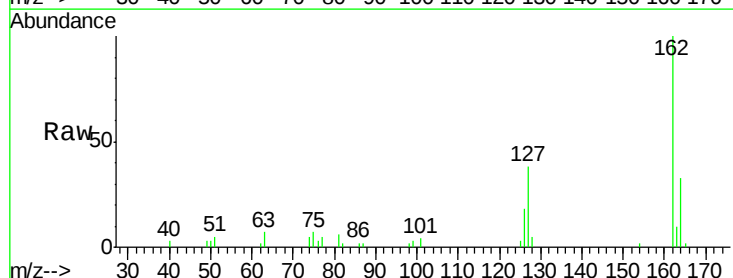
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

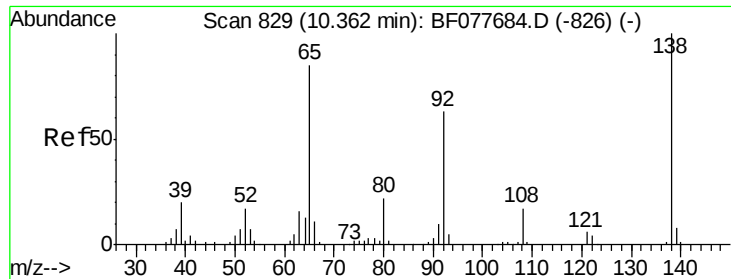
Tgt Ion:154 Resp: 22376
Ion Ratio Lower Upper
154 100
153 41.5 20.7 60.7
76 13.3 0.0 30.9



#46
2-Chloronaphthalene
Concen: 3.80 ng
RT: 10.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF077996.D
Acq: 26 Mar 2015 15:39

Tgt Ion:162 Resp: 17090
Ion Ratio Lower Upper
162 100
127 38.5 26.9 40.3
164 33.4 26.8 40.2

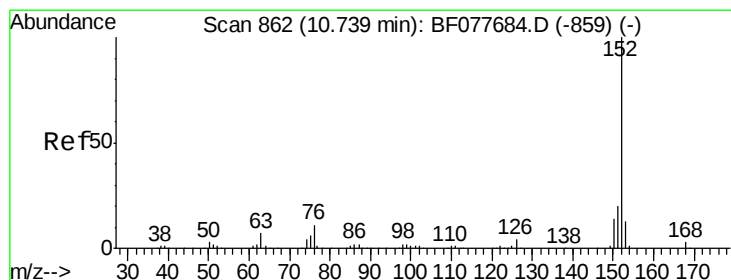
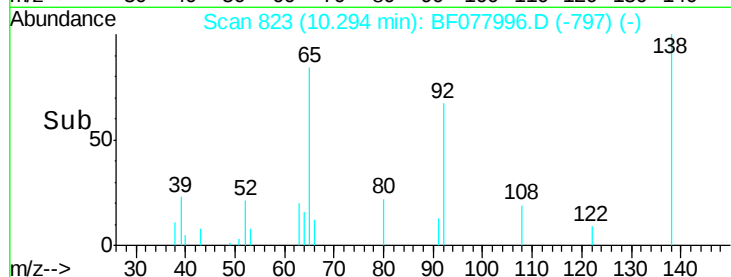
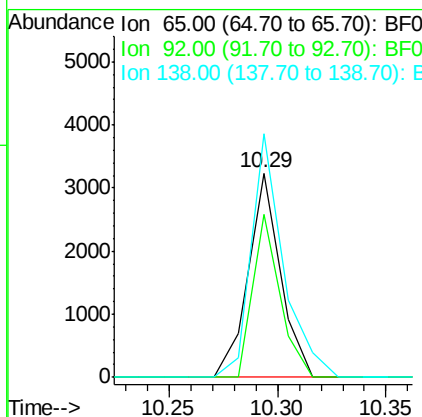
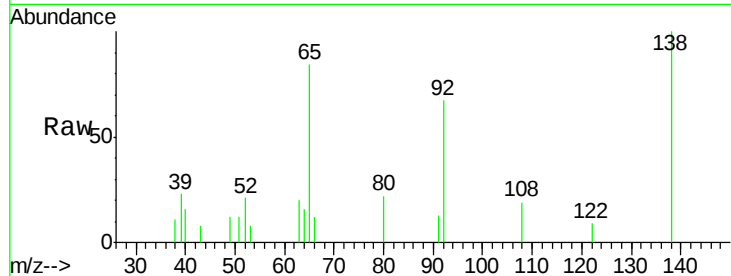




#47
 2-Nitroaniline
 Concen: 2.99 ng
 RT: 10.29 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

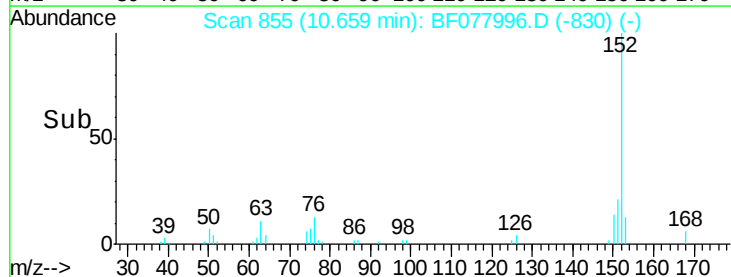
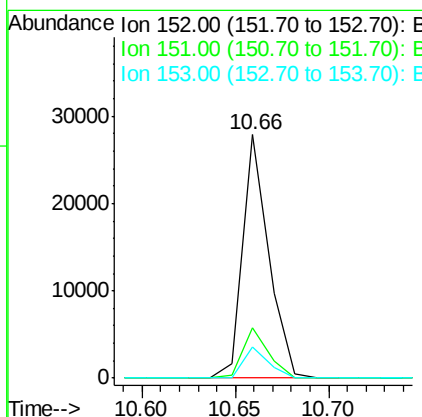
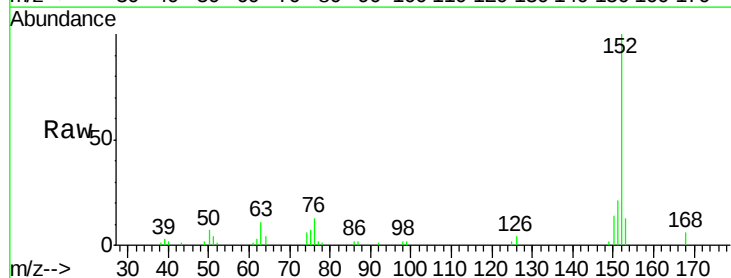
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

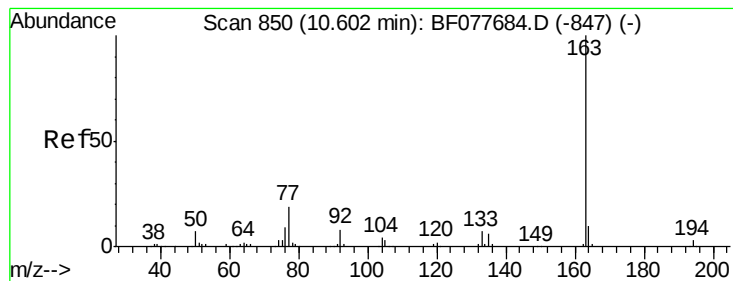
Tgt Ion: 65 Resp: 3337
 Ion Ratio Lower Upper
 65 100
 92 79.8 59.1 88.7
 138 119.2 93.9 140.9



#48
 Acenaphthylene
 Concen: 3.64 ng
 RT: 10.66 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

Tgt Ion: 152 Resp: 27245
 Ion Ratio Lower Upper
 152 100
 151 20.7 15.9 23.9
 153 12.9 10.6 16.0





#49

Dimethylphthalate

Concen: 3.83 ng

RT: 10.52 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

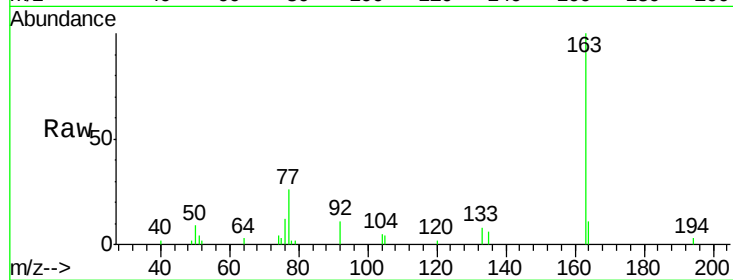
Tgt Ion:163 Resp: 19670

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

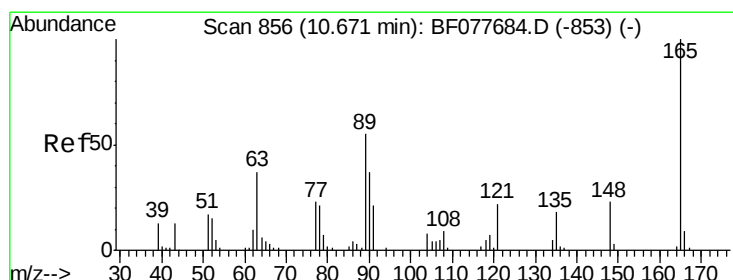
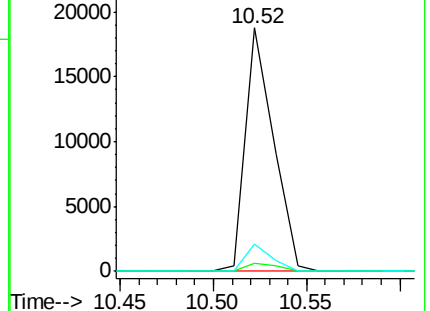
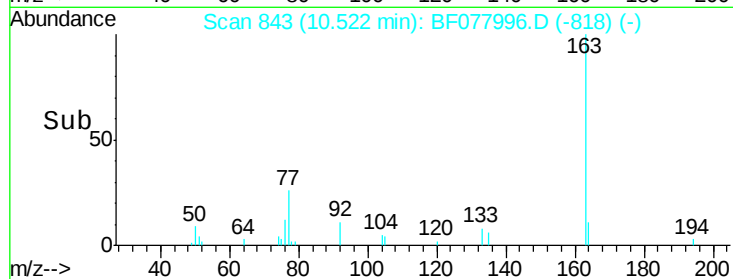
164 11.1 8.2 12.2



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: 3.02 ng

RT: 10.60 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

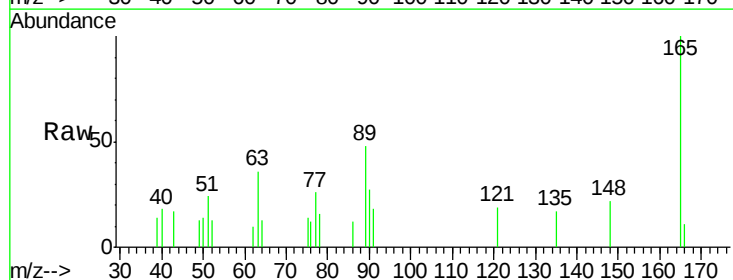
Tgt Ion:165 Resp: 3211

Ion Ratio Lower Upper

165 100

63 36.5 44.1 66.1#

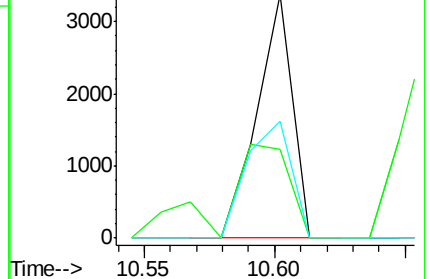
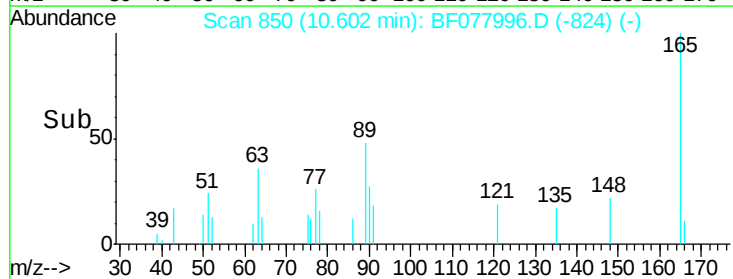
89 48.2 44.3 66.5

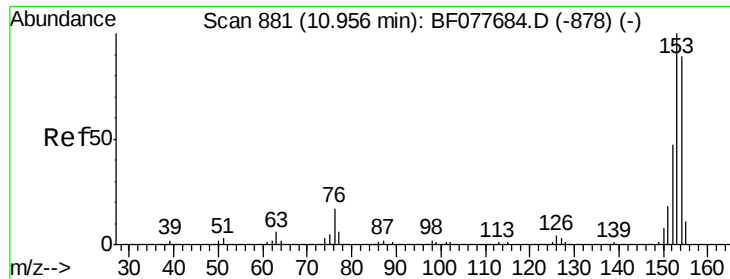


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 3.82 ng

RT: 10.88 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

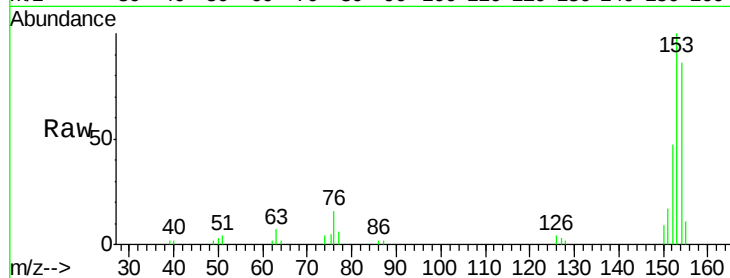
Tgt Ion:154 Resp: 16402

Ion Ratio Lower Upper

154 100

153 116.8 90.0 135.0

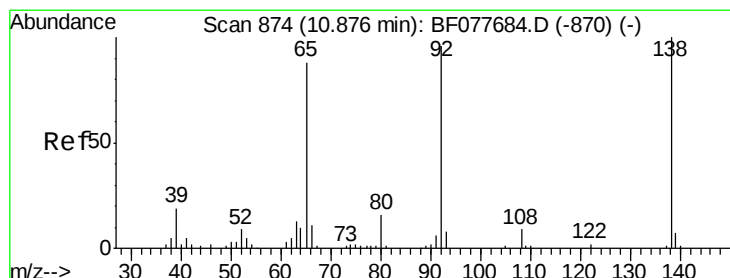
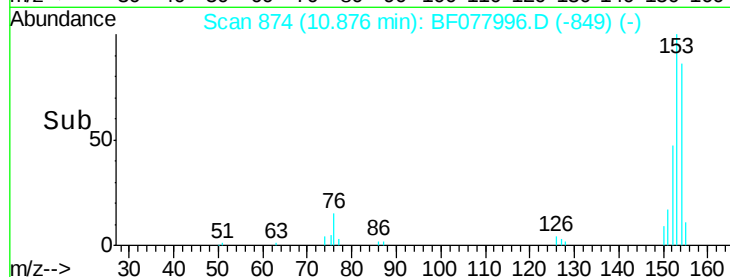
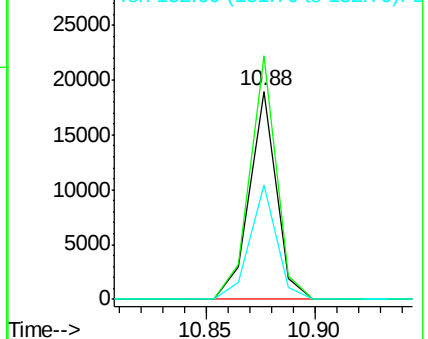
152 55.0 42.6 63.8



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: 3.00 ng

RT: 10.81 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

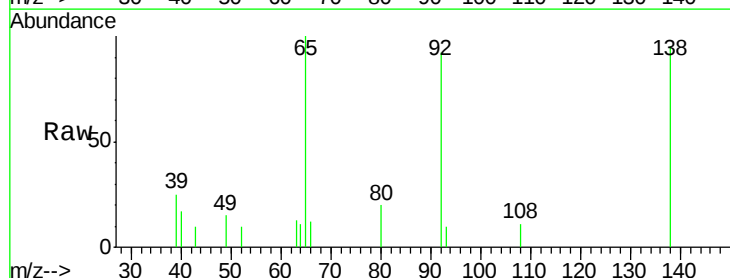
Tgt Ion:138 Resp: 3708

Ion Ratio Lower Upper

138 100

108 11.4 7.3 10.9#

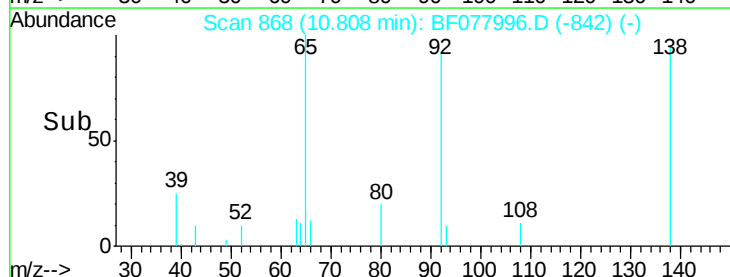
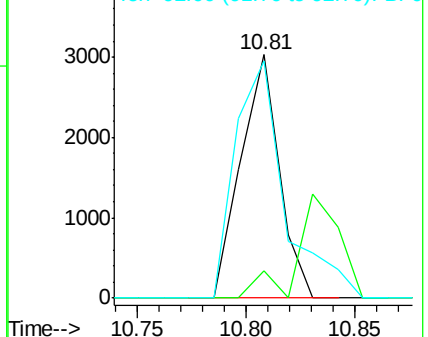
92 97.2 76.6 114.8

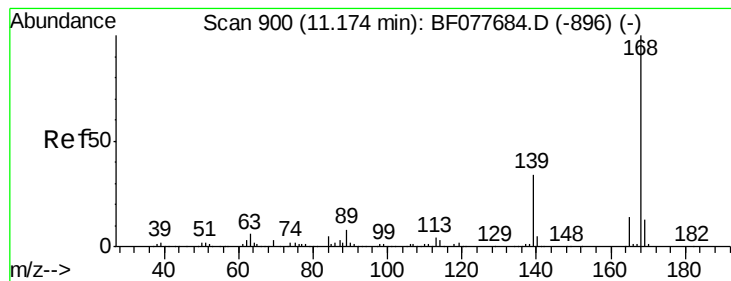


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzenofuran

Concen: 4.09 ng

RT: 11.09 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

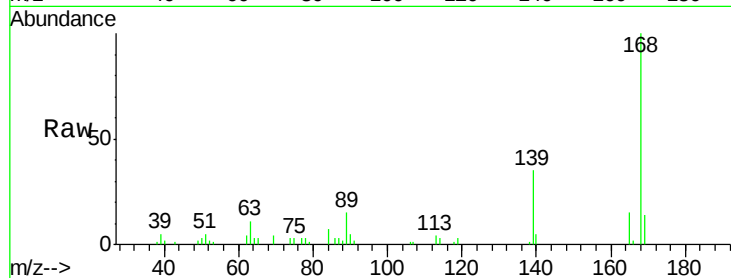
Tgt Ion:168 Resp: 26014

Ion Ratio Lower Upper

168 100

139 35.3 27.3 40.9

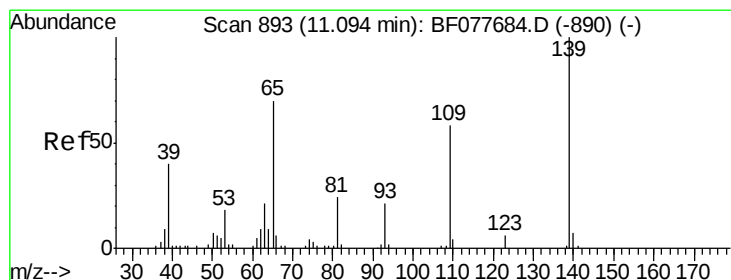
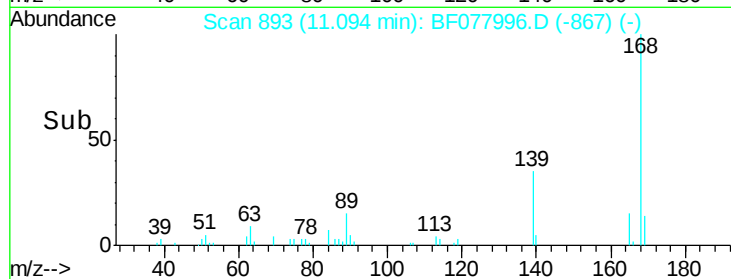
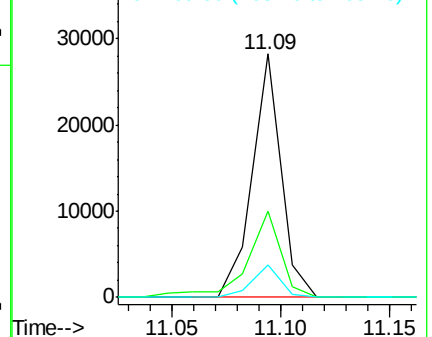
169 13.5 10.6 16.0



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: 11.88 ng

RT: 11.09 min Scan# 893

Delta R.T. 0.06 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

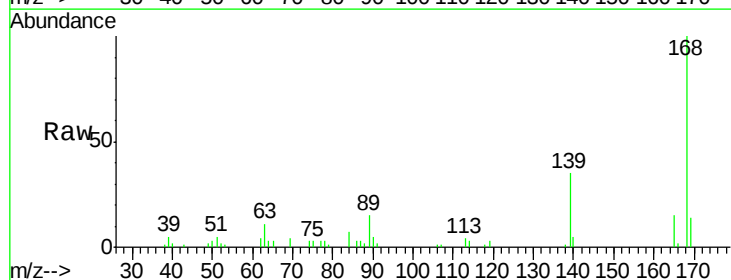
Tgt Ion:139 Resp: 10878

Ion Ratio Lower Upper

139 100

109 0.0 37.7 77.7#

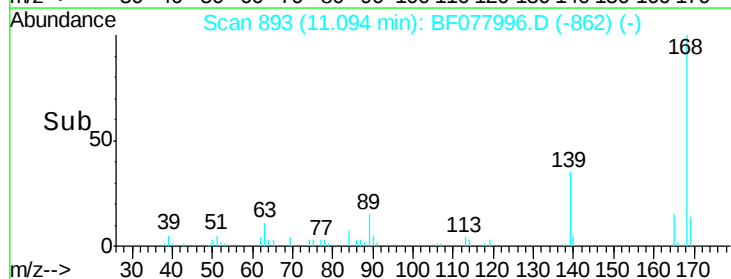
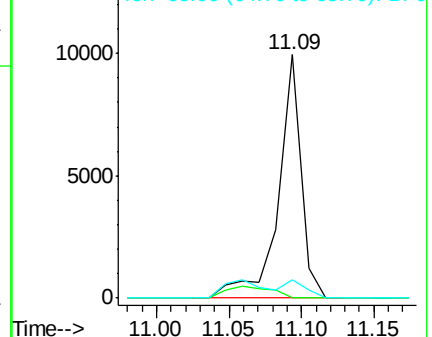
65 7.4 49.9 89.9#

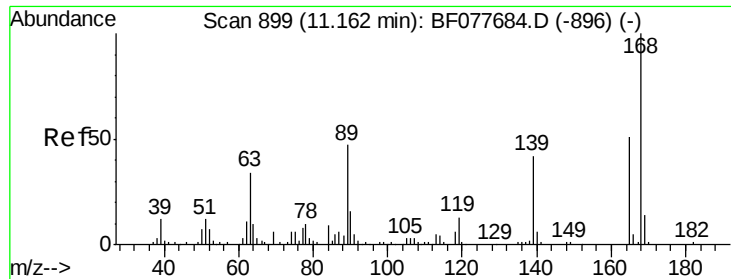


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

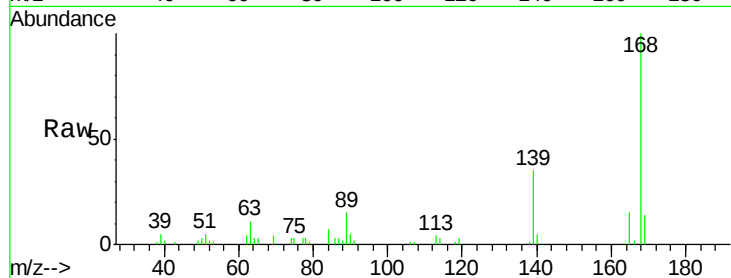




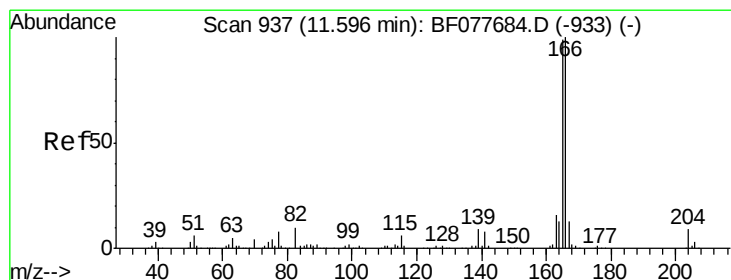
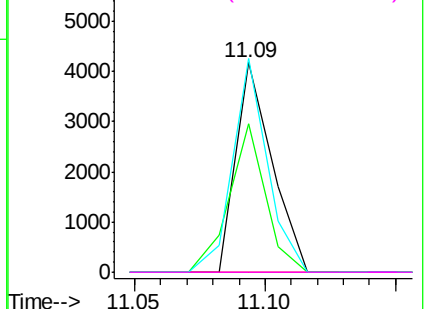
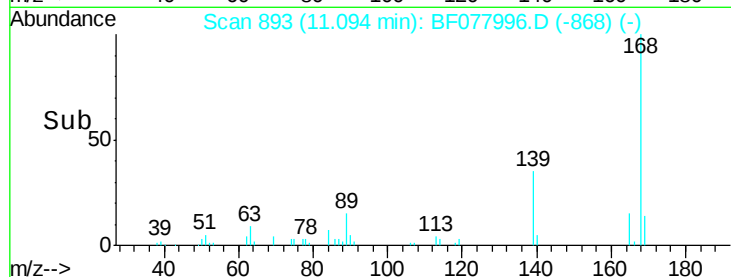
#56
2,4-Dinitrotoluene
Concen: 2.91 ng
RT: 11.09 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF077996.D
Acq: 26 Mar 2015 15:39

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:165 Resp: 4040
Ion Ratio Lower Upper
165 100
63 71.1 52.4 78.6
89 102.0 72.4 108.6
182 0.0 2.0 3.0#

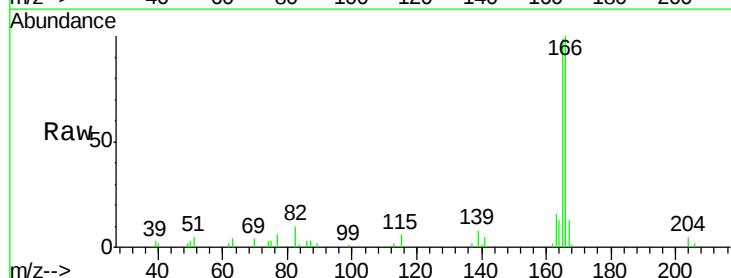


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

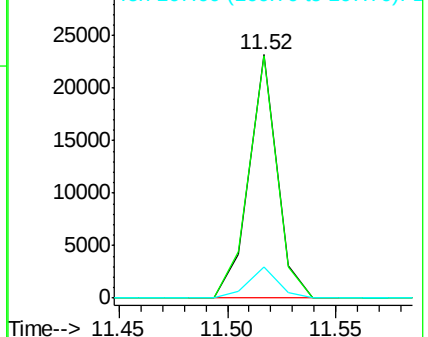
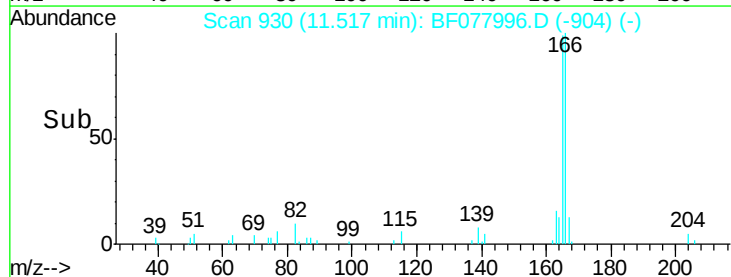


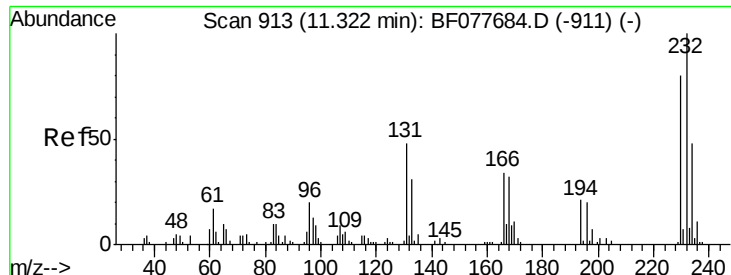
#57
Fluorene
Concen: 3.96 ng
RT: 11.52 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF077996.D
Acq: 26 Mar 2015 15:39

Tgt Ion:166 Resp: 20927
Ion Ratio Lower Upper
166 100
165 99.4 79.0 118.4
167 13.0 10.3 15.5



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

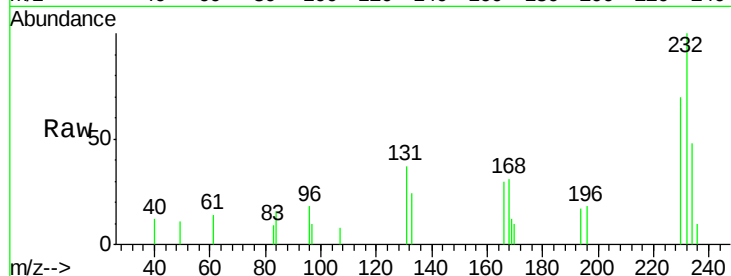




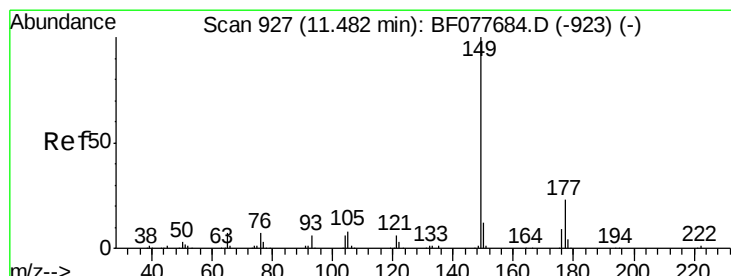
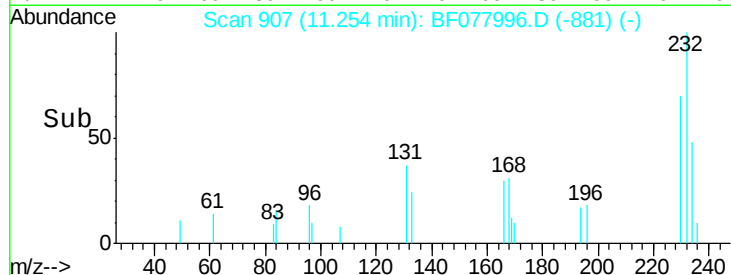
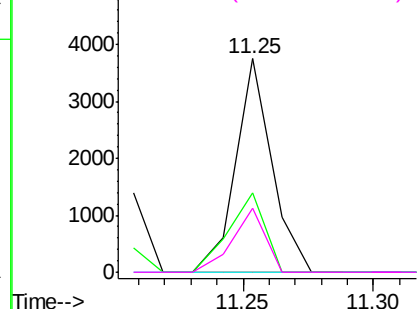
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.08 ng
 RT: 11.25 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion: 232 Resp: 3661
 Ion Ratio Lower Upper
 232 100
 131 36.9 0.0 0.0#
 130 0.0 0.0 0.0
 166 27.0 0.0 0.0#

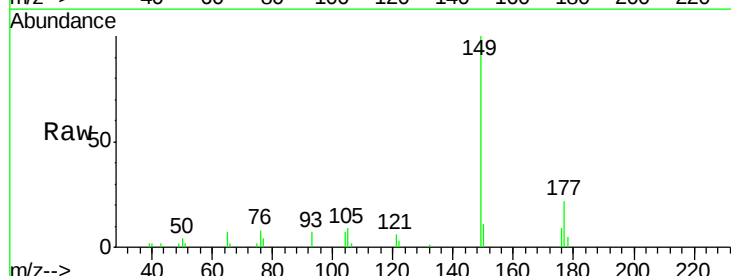


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

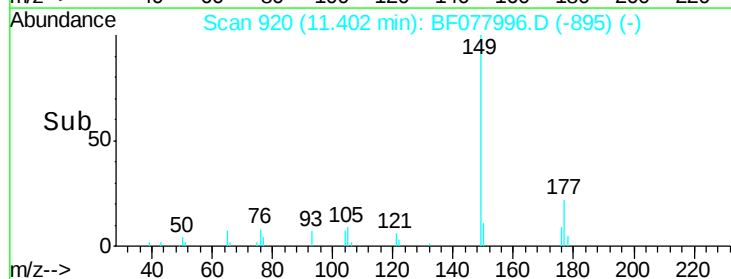
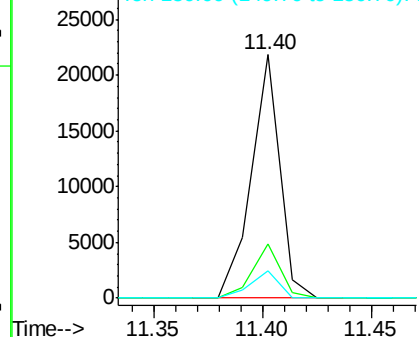


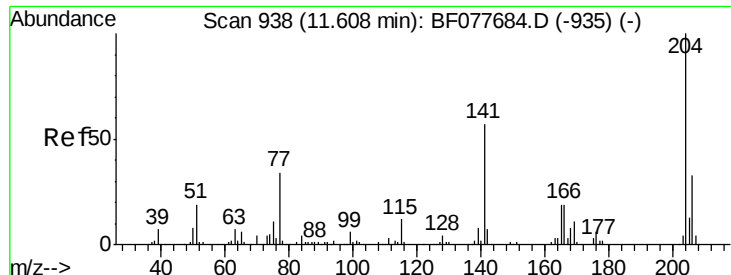
#59
 Diethylphthalate
 Concen: 3.96 ng
 RT: 11.40 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

Tgt Ion: 149 Resp: 19820
 Ion Ratio Lower Upper
 149 100
 177 22.3 18.3 27.5
 150 11.3 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

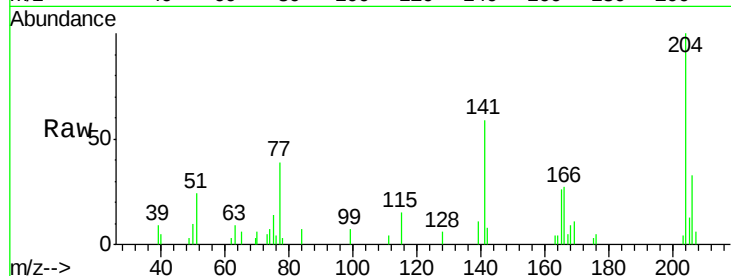




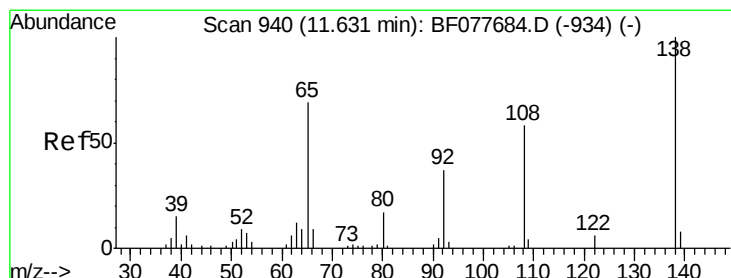
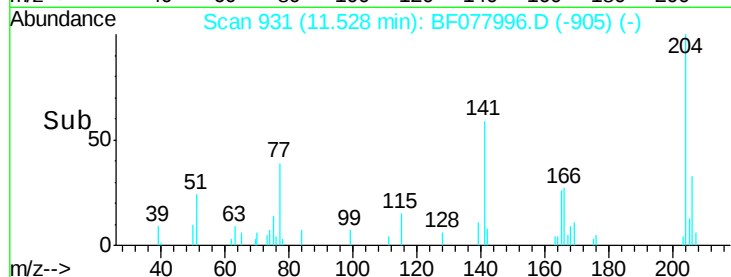
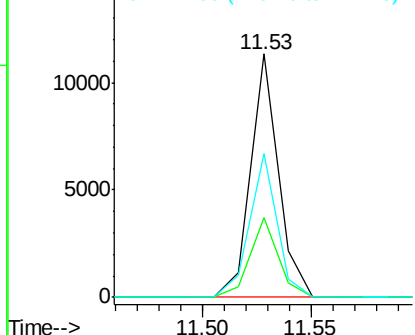
#60
 4-Chlorophenyl-phenylether
 Concen: 4.19 ng
 RT: 11.53 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion: 204 Resp: 10092
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.6 39.8
 141 58.9 45.2 67.8

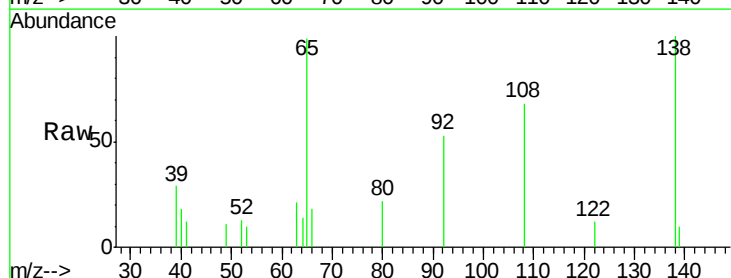


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

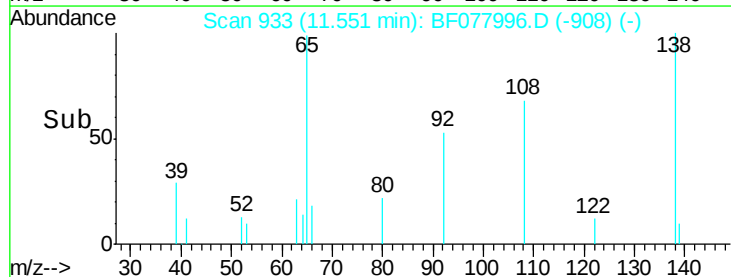
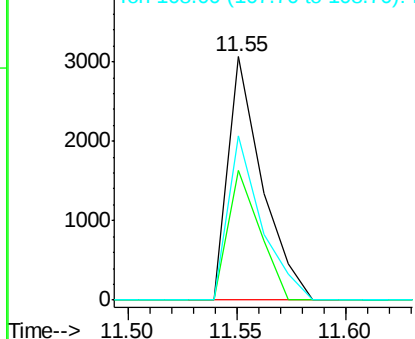


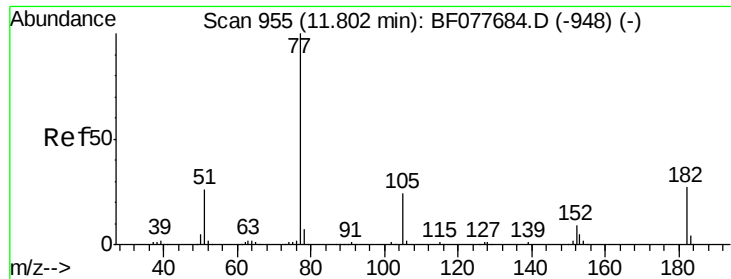
#61
 4-Nitroaniline
 Concen: 2.70 ng
 RT: 11.55 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

Tgt Ion: 138 Resp: 3330
 Ion Ratio Lower Upper
 138 100
 92 53.1 16.7 56.7
 108 67.5 37.6 77.6



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

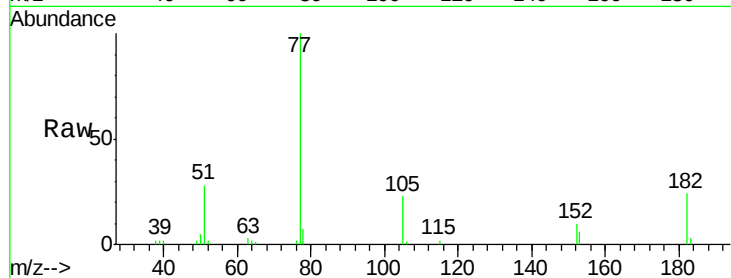




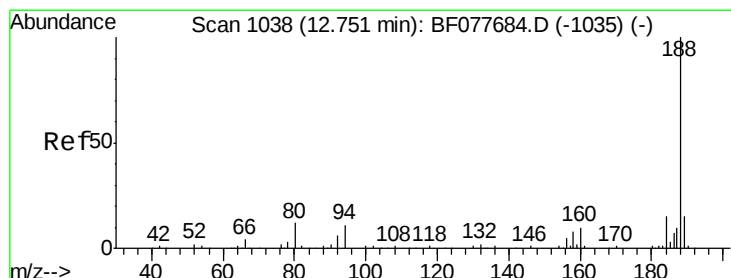
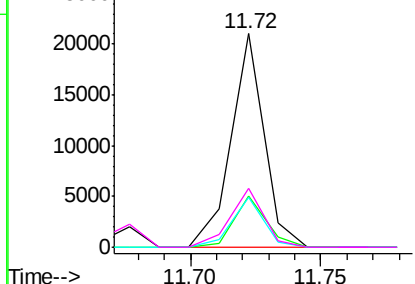
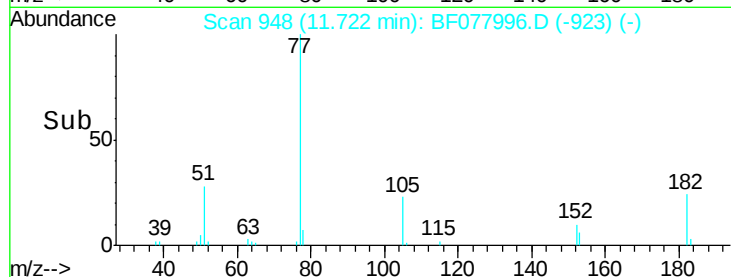
#62
Azobenzene
Concen: 3.90 ng
RT: 11.72 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF077996.D
Acq: 26 Mar 2015 15:39

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion: 77 Resp: 18650
Ion Ratio Lower Upper
77 100
182 23.8 6.5 46.5
105 23.2 3.8 43.8
51 27.6 5.5 45.5

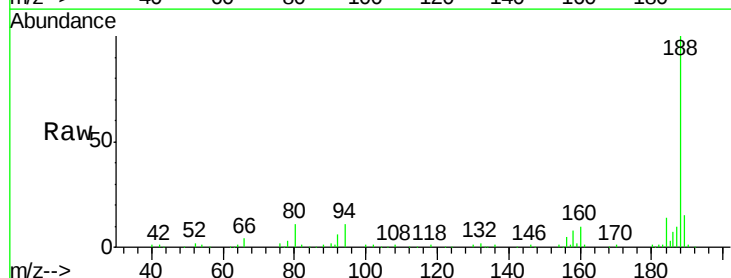


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

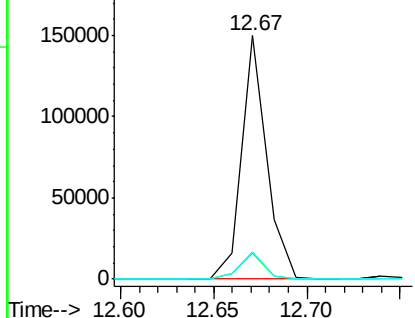
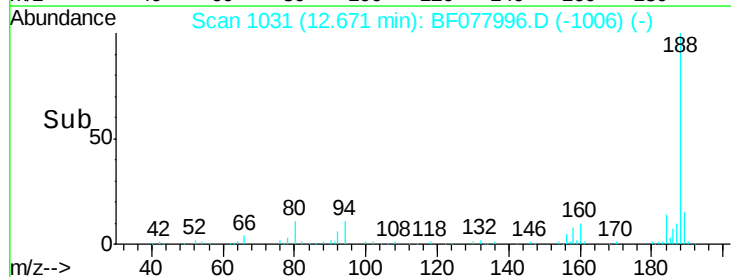


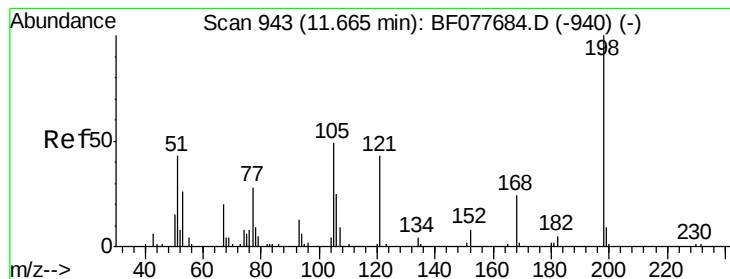
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF077996.D
Acq: 26 Mar 2015 15:39

Tgt Ion: 188 Resp: 140286
Ion Ratio Lower Upper
188 100
94 10.7 8.7 13.1
80 11.1 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 4.61 ng

RT: 11.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

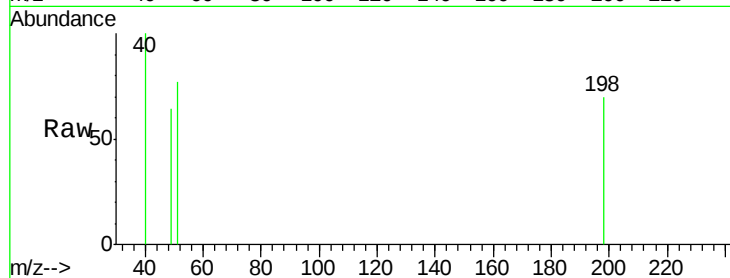
Tgt Ion:198 Resp: 231

Ion Ratio Lower Upper

198 100

51 110.7 28.8 68.8#

105 0.0 30.5 70.5#



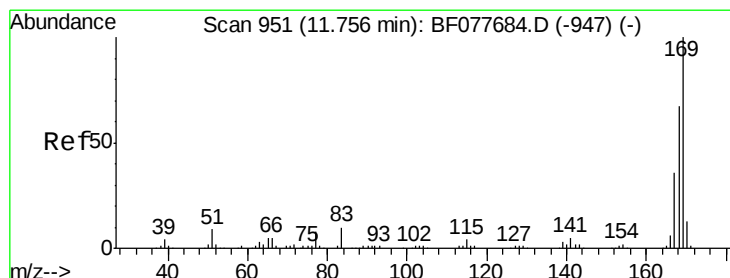
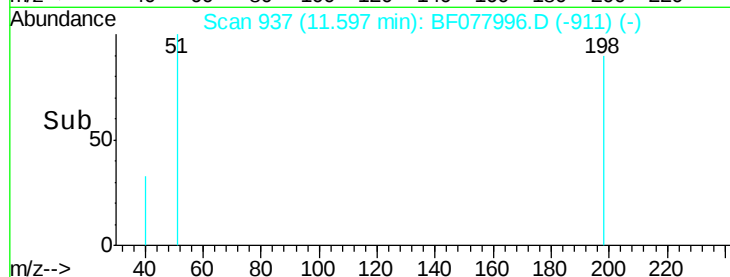
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

11.60

Time-->



#65

n-Nitrosodiphenylamine

Concen: 3.78 ng

RT: 11.68 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

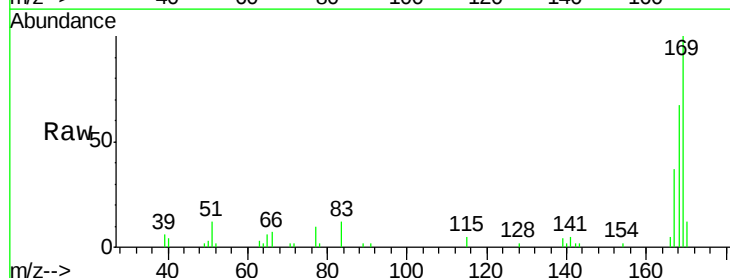
Tgt Ion:169 Resp: 17646

Ion Ratio Lower Upper

169 100

168 67.2 53.9 80.9

167 37.2 28.9 43.3



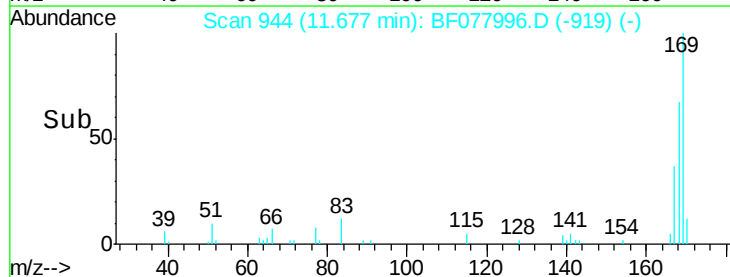
Abundance Ion 169.00 (168.70 to 169.70): E

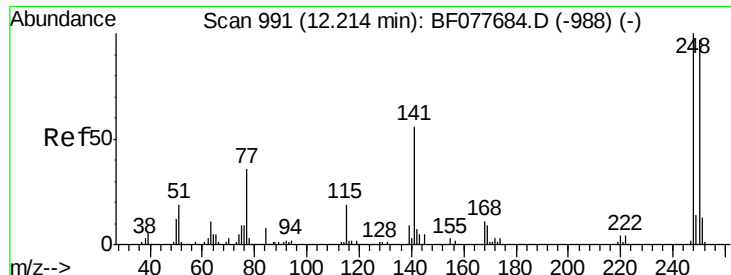
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

11.68

Time-->

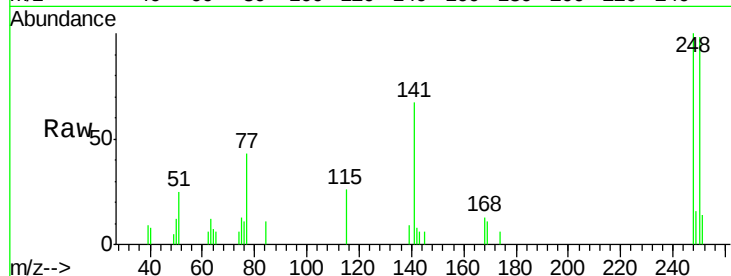




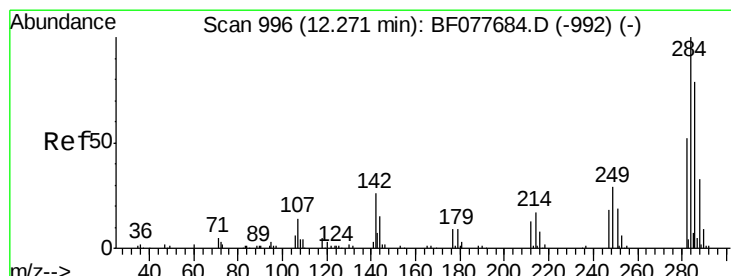
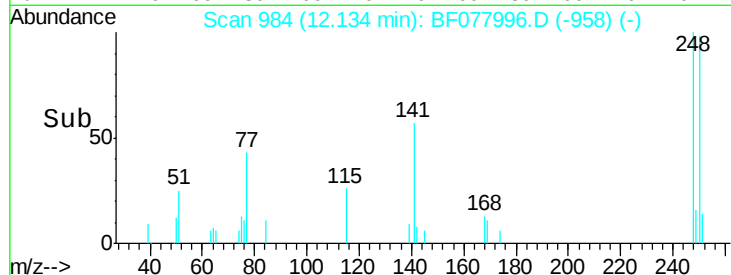
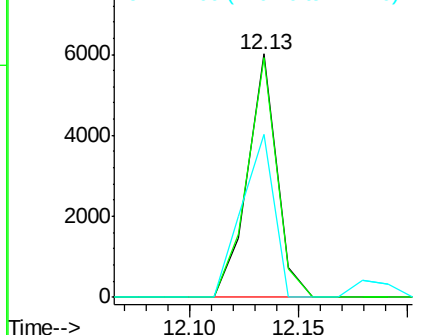
#66
 4-Bromophenyl-phenylether
 Concen: 3.75 ng
 RT: 12.13 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:248 Resp: 5618
 Ion Ratio Lower Upper
 248 100
 250 98.3 77.4 116.0
 141 66.8 45.2 67.8

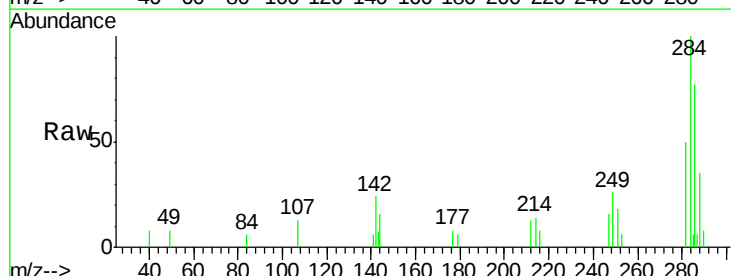


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

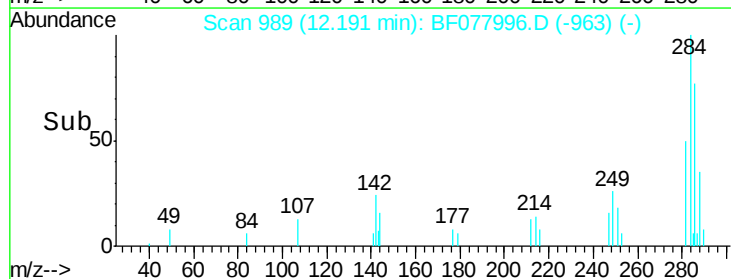
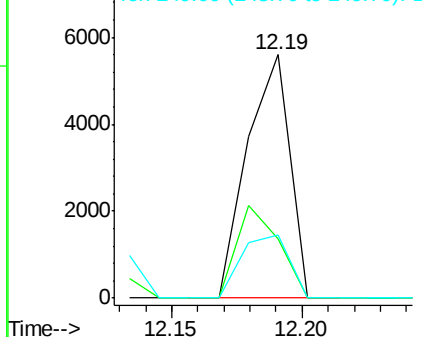


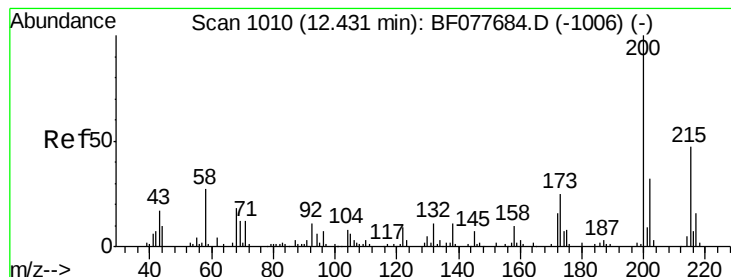
#67
 Hexachlorobenzene
 Concen: 3.89 ng
 RT: 12.19 min Scan# 989
 Delta R.T. 0.00 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

Tgt Ion:284 Resp: 6401
 Ion Ratio Lower Upper
 284 100
 142 24.2 20.4 30.6
 249 25.8 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 4.01 ng

RT: 12.35 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

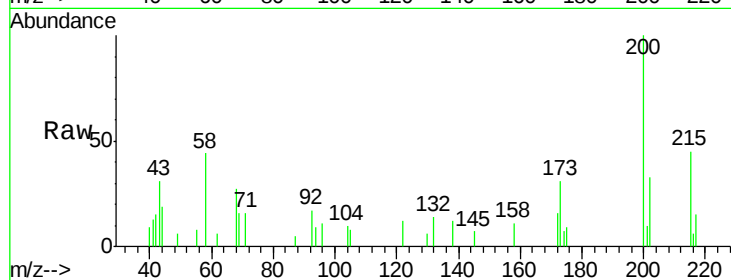
Tgt Ion:200 Resp: 5246

Ion Ratio Lower Upper

200 100

173 30.8 4.8 44.8

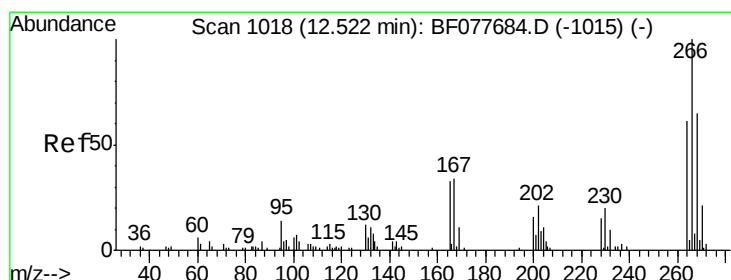
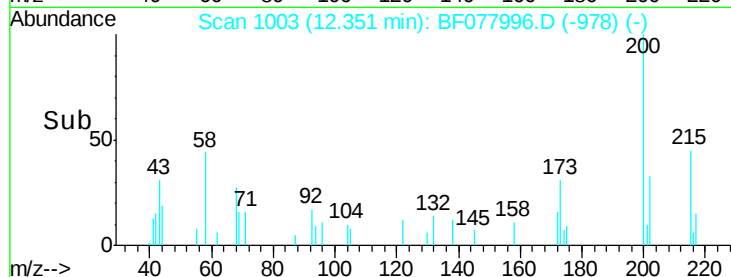
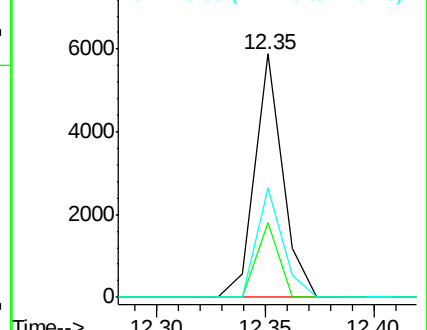
215 44.8 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 3.75 ng

RT: 12.44 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

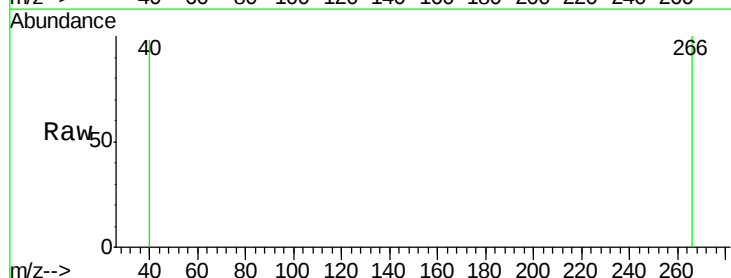
Tgt Ion:266 Resp: 599

Ion Ratio Lower Upper

266 100

268 0.0 52.0 78.0#

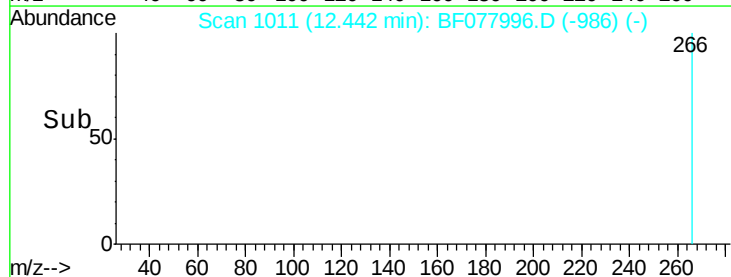
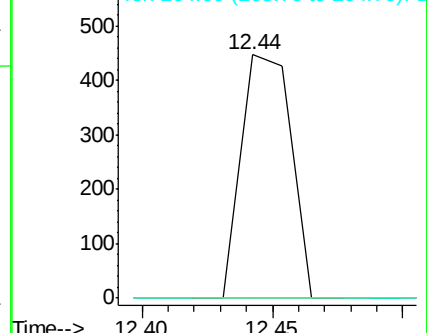
264 0.0 49.0 73.4#

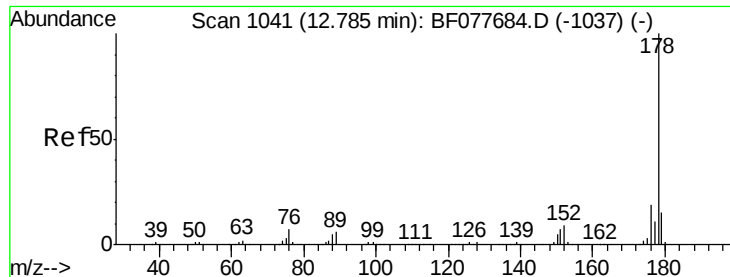


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

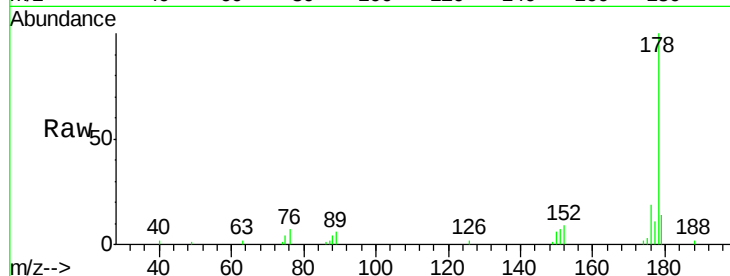




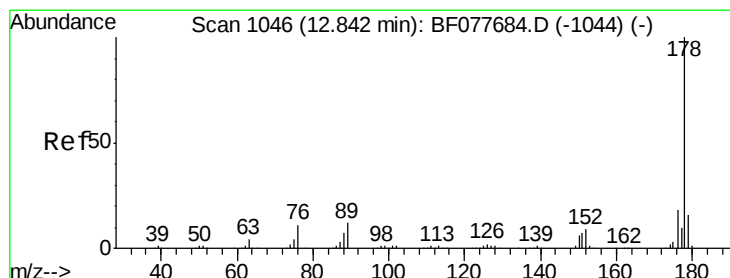
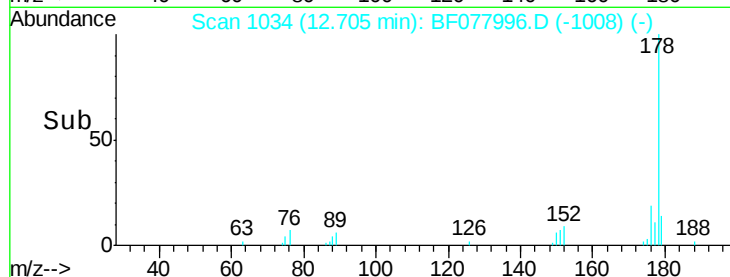
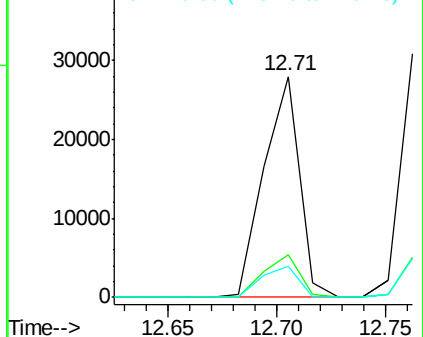
#70
Phenanthrene
Concen: 3.98 ng
RT: 12.71 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF077996.D
Acq: 26 Mar 2015 15:39

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:178 Resp: 32063
Ion Ratio Lower Upper
178 100
176 19.4 15.2 22.8
179 14.1 12.1 18.1

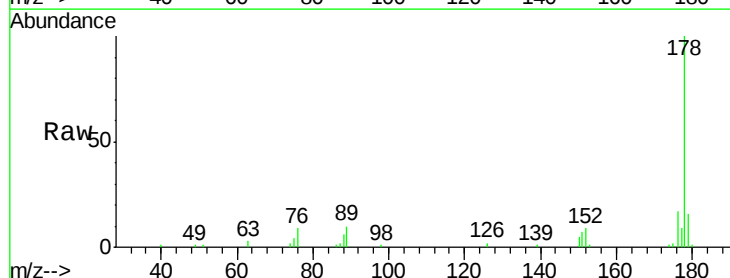


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

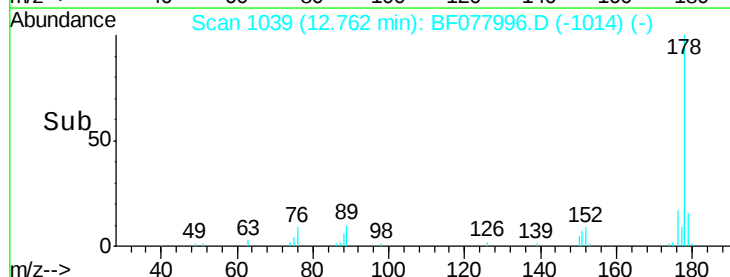
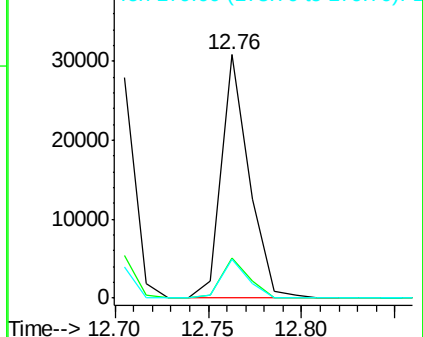


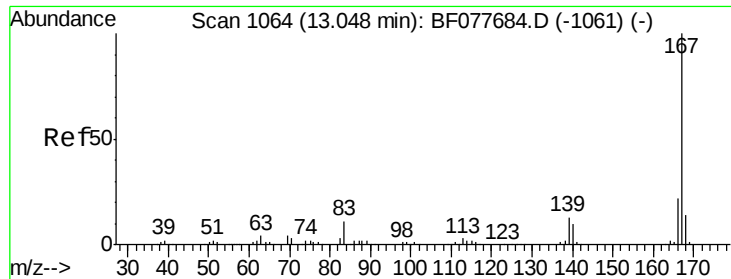
#71
Anthracene
Concen: 4.05 ng
RT: 12.76 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF077996.D
Acq: 26 Mar 2015 15:39

Tgt Ion:178 Resp: 32194
Ion Ratio Lower Upper
178 100
176 16.5 14.6 22.0
179 16.0 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

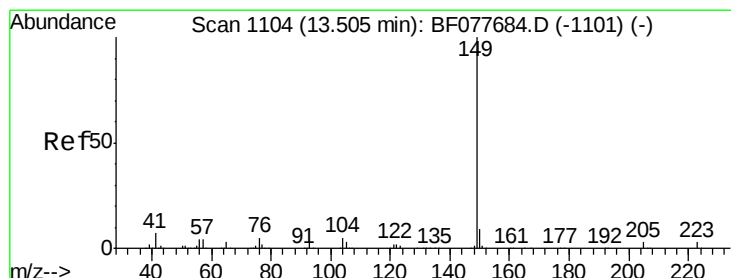
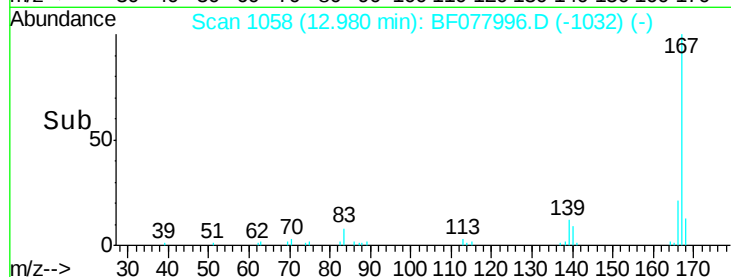
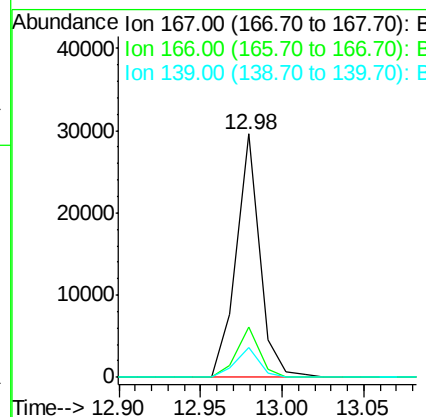
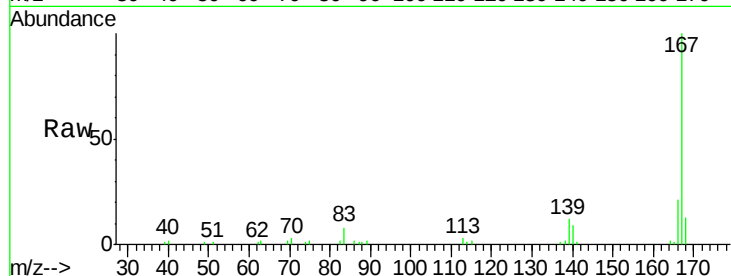




#72
 Carbazole
 Concen: 3.89 ng
 RT: 12.98 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

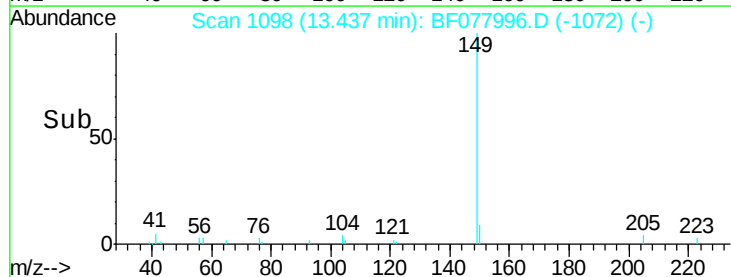
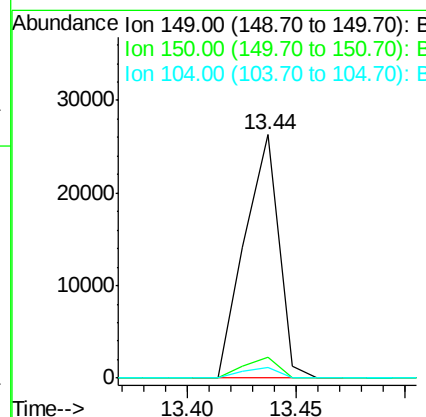
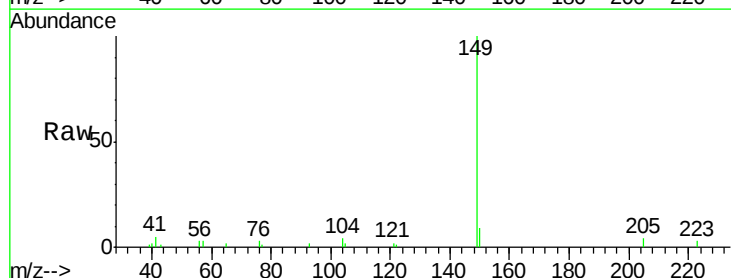
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

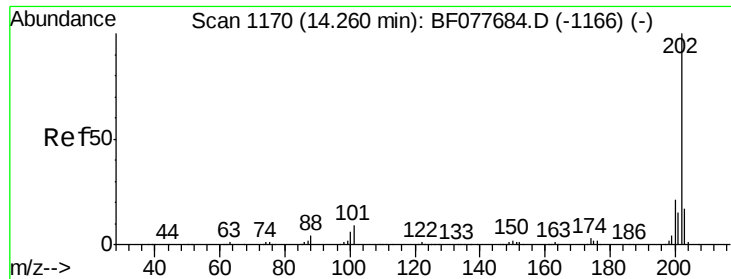
Tgt Ion:167 Resp: 29469
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.2 25.8
 139 12.3 10.8 16.2



#73
 Di-n-butylphthalate
 Concen: 3.37 ng
 RT: 13.44 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

Tgt Ion:149 Resp: 28641
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.5 11.3
 104 4.4 3.7 5.5

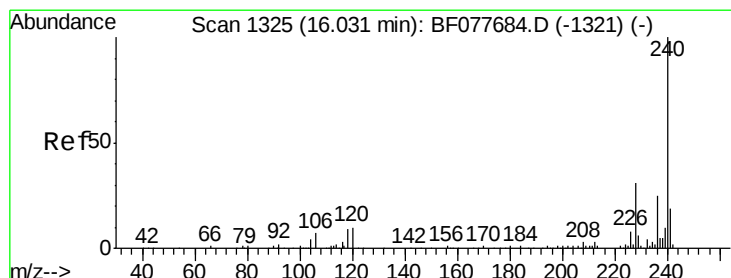
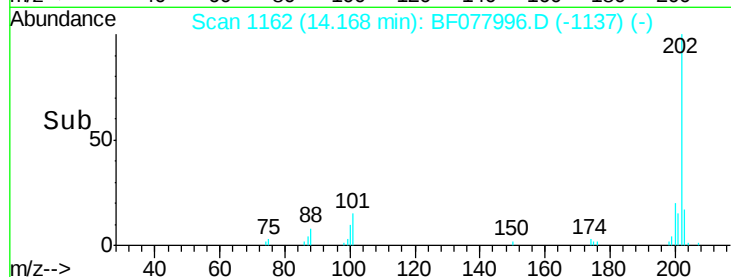
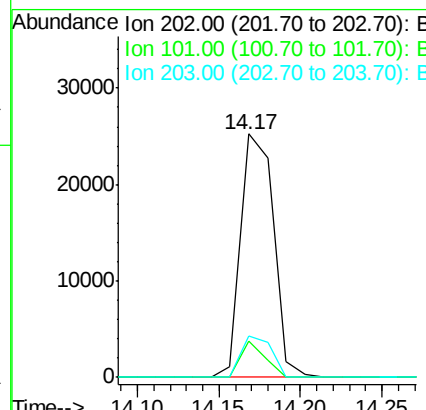
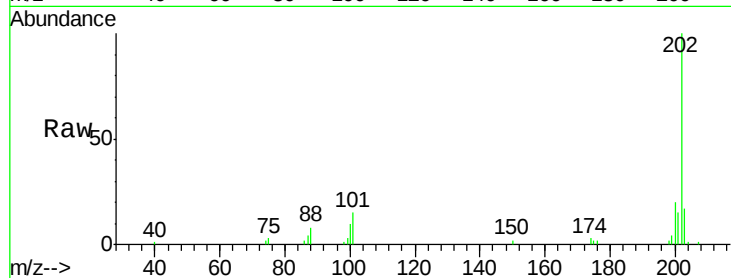




#74
 Fluoranthene
 Concen: 3.94 ng
 RT: 14.17 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

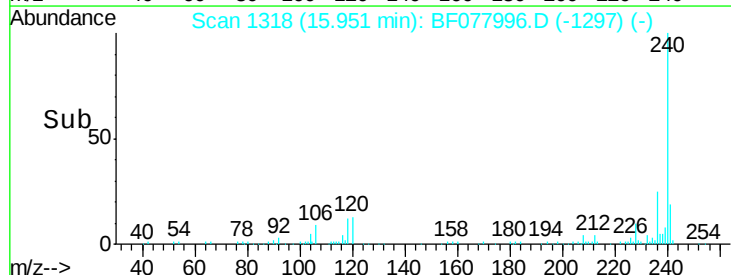
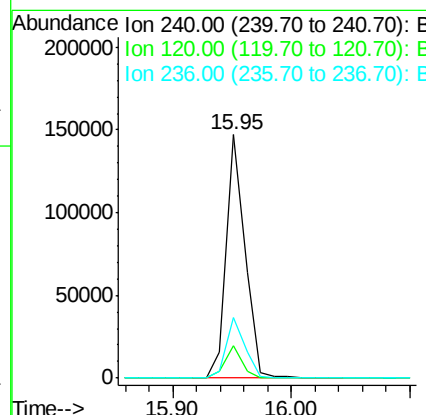
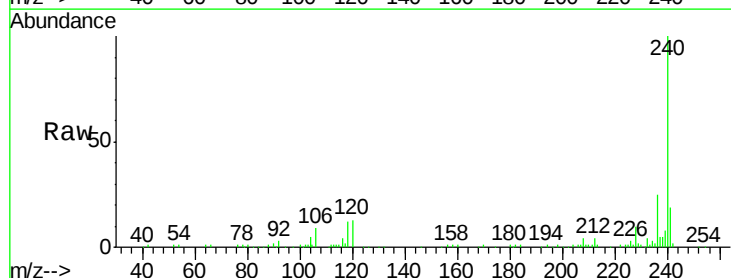
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

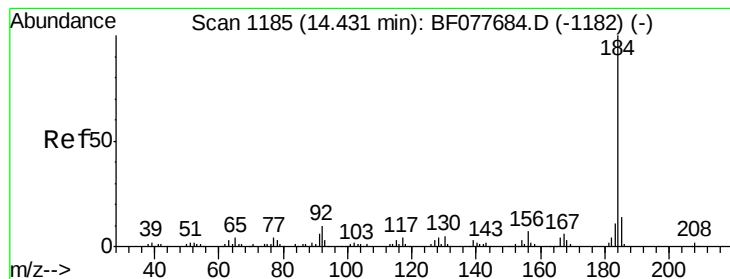
Tgt Ion: 202 Resp: 34981
 Ion Ratio Lower Upper
 202 100
 101 14.9 0.0 28.7
 203 16.9 0.0 37.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.95 min Scan# 1318
 Delta R.T. -0.06 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

Tgt Ion: 240 Resp: 160038
 Ion Ratio Lower Upper
 240 100
 120 13.5 8.2 12.2#
 236 24.9 20.0 30.0





#76

Benzidine

Concen: 5.85 ng

RT: 14.36 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

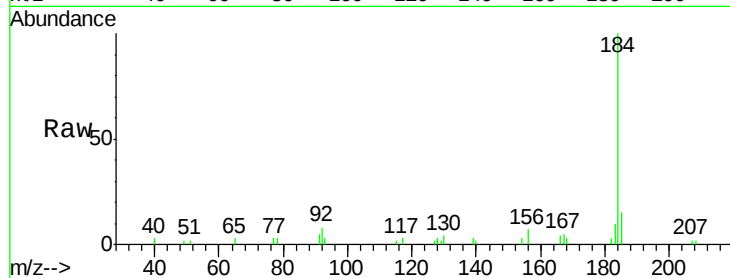
Tgt Ion:184 Resp: 24815

Ion Ratio Lower Upper

184 100

185 15.1 11.3 16.9

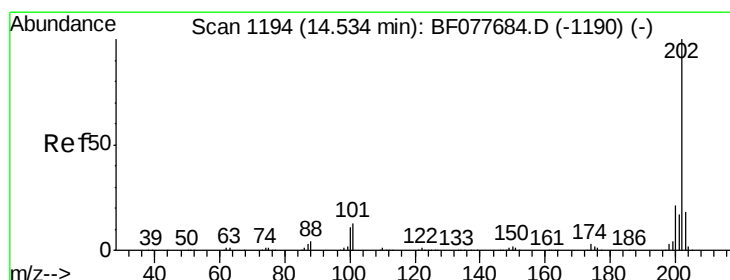
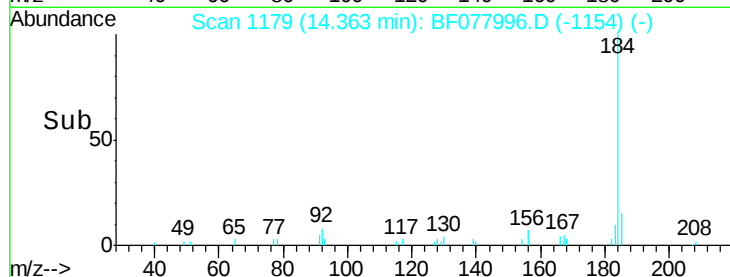
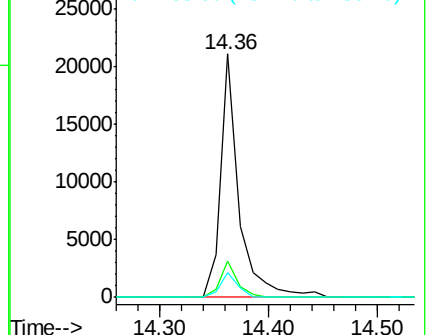
183 10.0 8.9 13.3



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: 3.77 ng

RT: 14.45 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

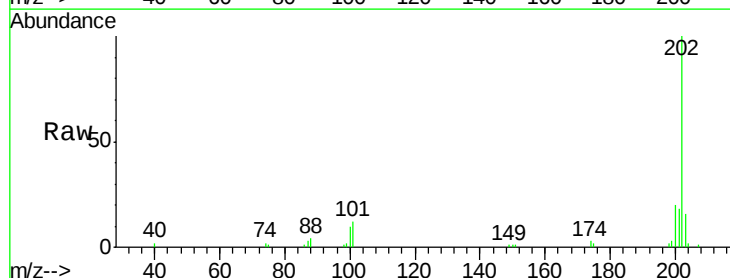
Tgt Ion:202 Resp: 37924

Ion Ratio Lower Upper

202 100

200 19.7 16.9 25.3

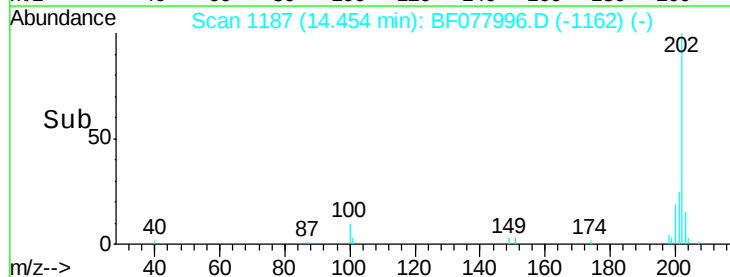
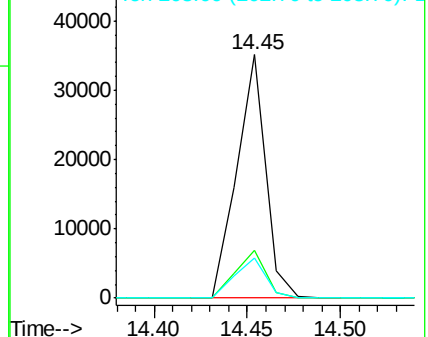
203 16.3 14.1 21.1

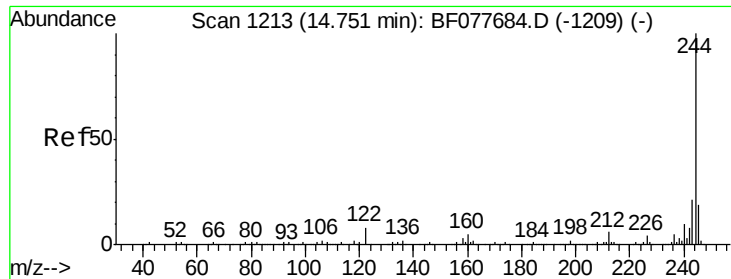


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

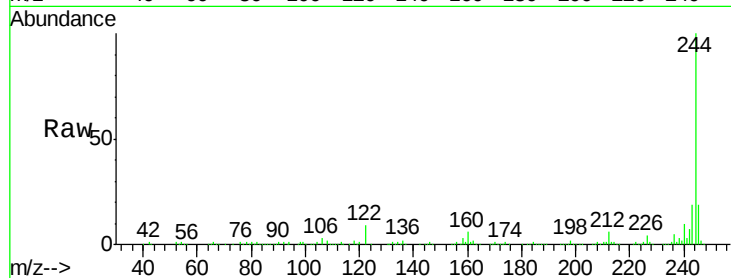




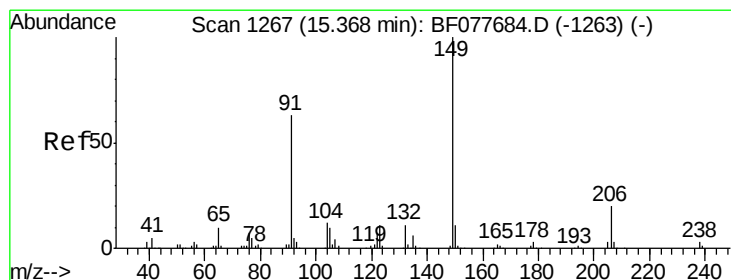
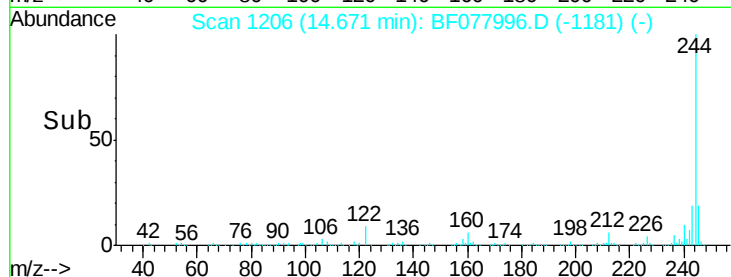
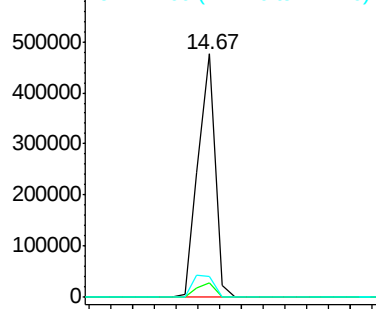
#78
 Terphenyl-d14
 Concen: 78.89 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:244 Resp: 516845
 Ion Ratio Lower Upper
 244 100
 212 6.1 4.9 7.3
 122 8.8 6.2 9.4

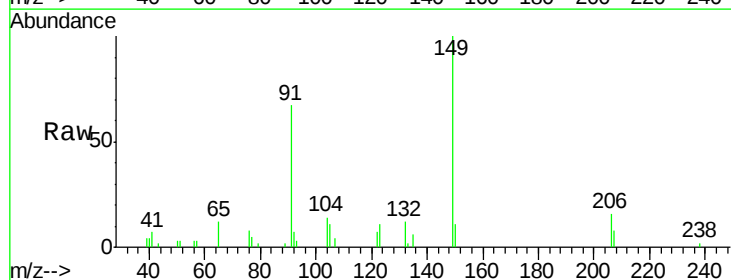


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

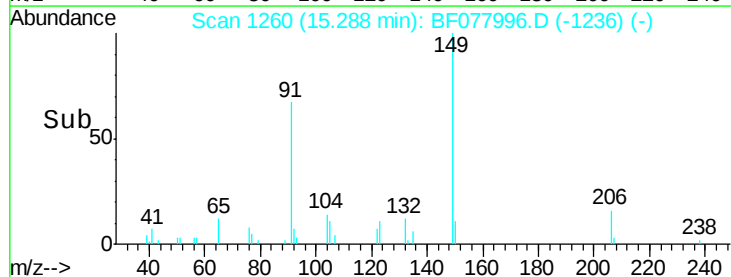
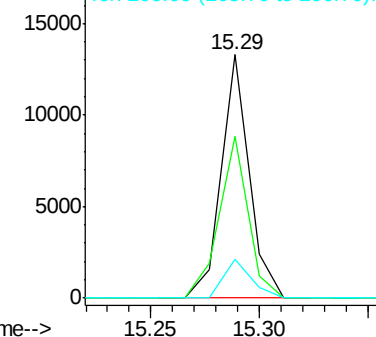


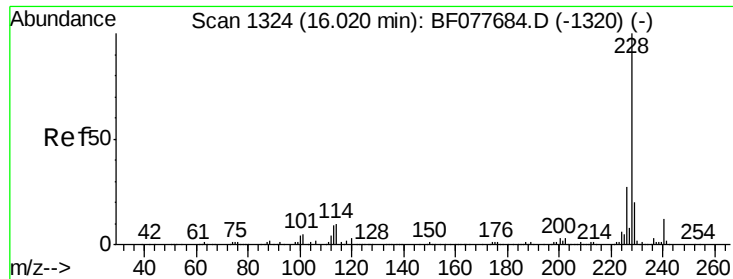
#79
 Butylbenzylphthalate
 Concen: 2.99 ng
 RT: 15.29 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: BF077996.D
 Acq: 26 Mar 2015 15:39

Tgt Ion:149 Resp: 11857
 Ion Ratio Lower Upper
 149 100
 91 66.5 50.1 75.1
 206 16.0 16.2 24.2#



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

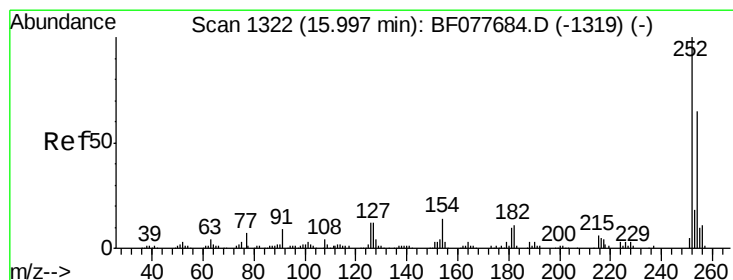
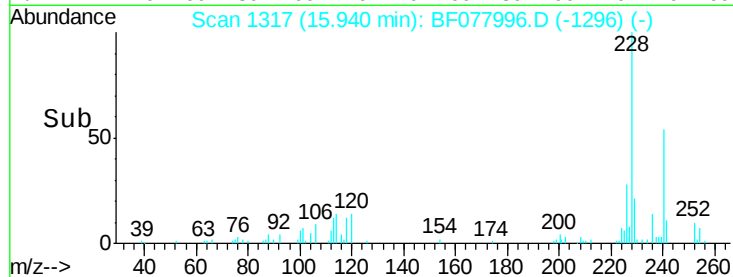
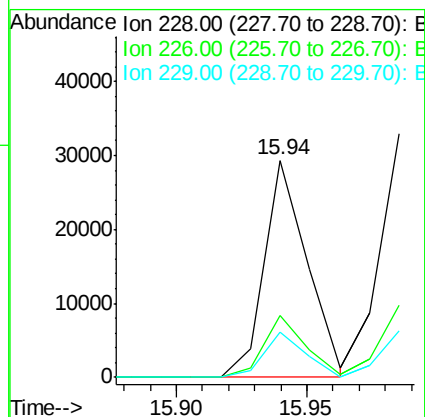
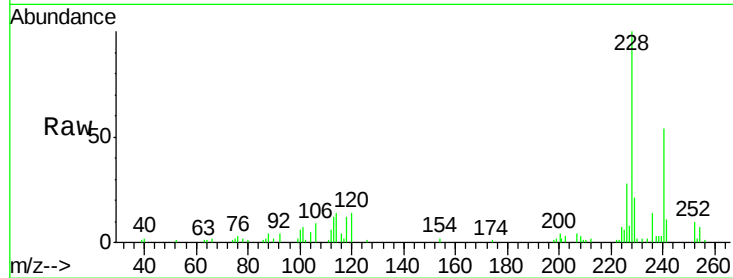




#80
Benzo(a)anthracene
Concen: 3.55 ng
RT: 15.94 min Scan# 1317
Delta R.T. -0.06 min
Lab File: BF077996.D
Acq: 26 Mar 2015 15:39

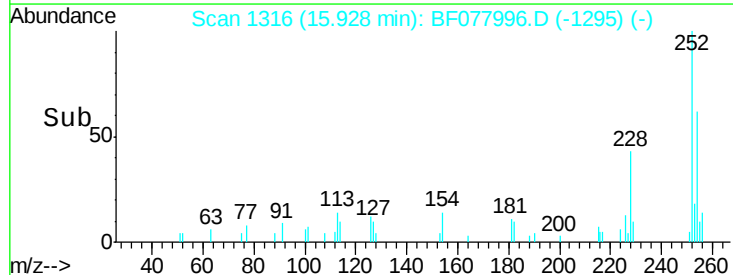
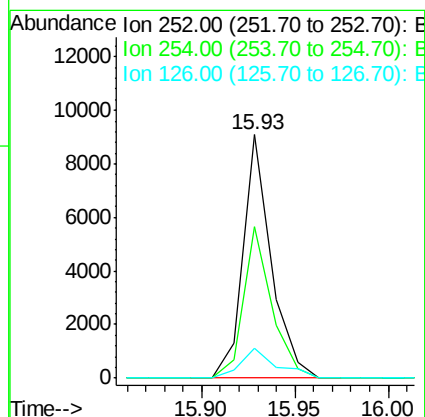
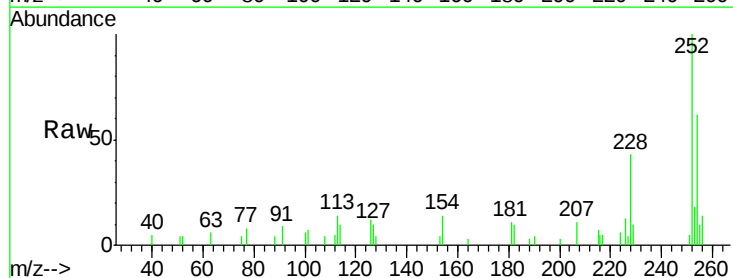
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

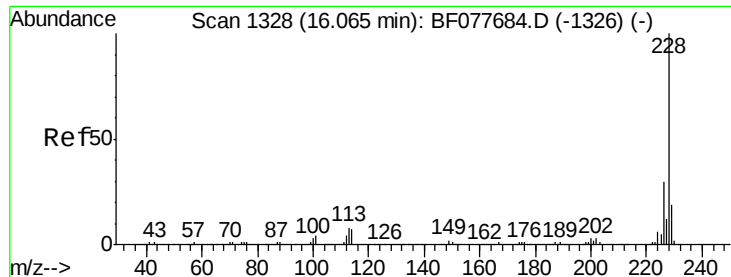
Tgt Ion: 228 Resp: 33643
Ion Ratio Lower Upper
228 100
226 28.3 21.7 32.5
229 20.9 16.0 24.0



#81
3,3'-Dichlorobenzidine
Concen: 3.05 ng
RT: 15.93 min Scan# 1316
Delta R.T. -0.06 min
Lab File: BF077996.D
Acq: 26 Mar 2015 15:39

Tgt Ion: 252 Resp: 9545
Ion Ratio Lower Upper
252 100
254 62.2 51.9 77.9
126 12.2 9.8 14.8





#82

Chrysene

Concen: 4.18 ng

RT: 15.99 min Scan# 1321

Delta R.T. -0.06 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

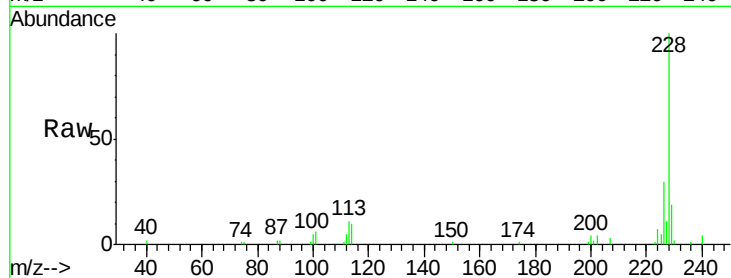
Tgt Ion:228 Resp: 35624

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

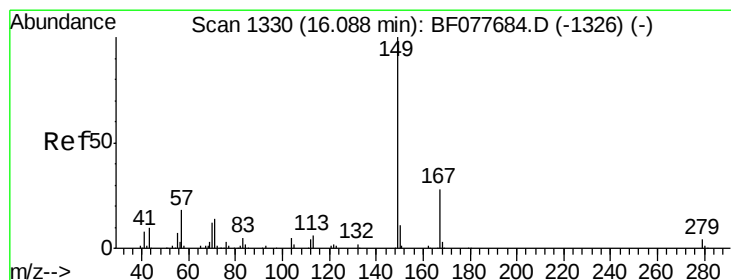
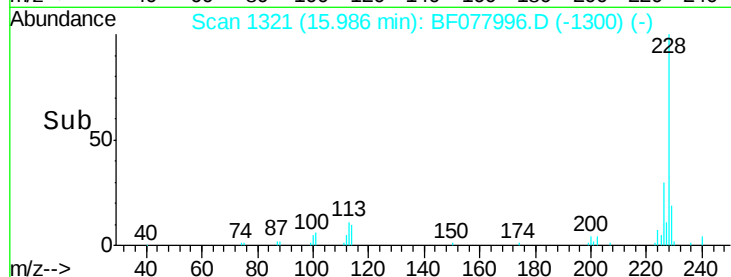
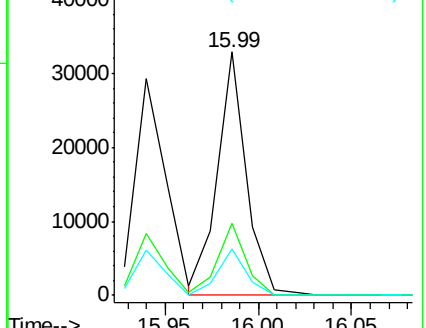
229 19.1 15.5 23.3



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: 2.92 ng

RT: 16.02 min Scan# 1324

Delta R.T. -0.06 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

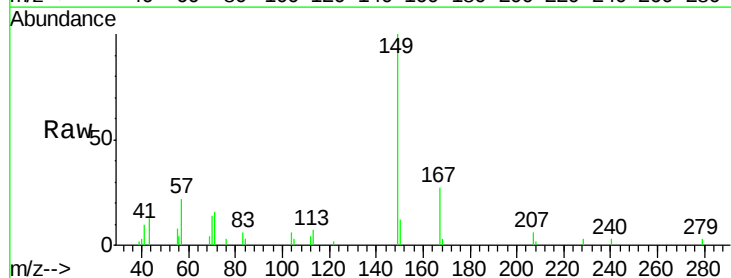
Tgt Ion:149 Resp: 17521

Ion Ratio Lower Upper

149 100

167 27.4 22.4 33.6

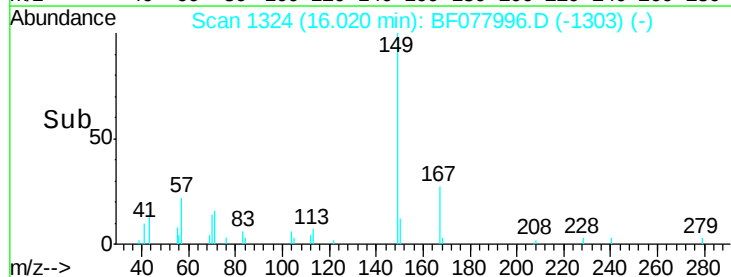
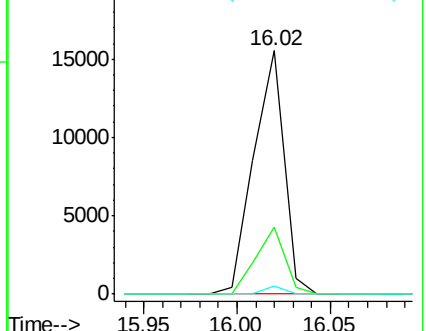
279 3.2 3.4 5.0#

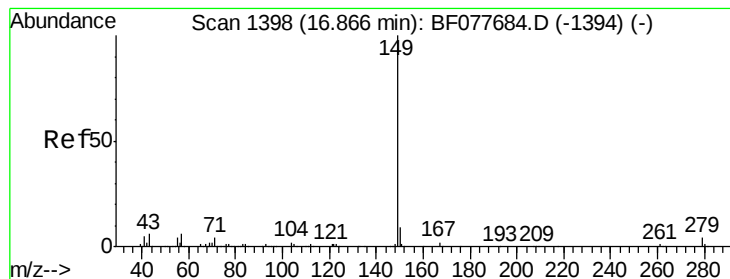


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 2.57 ng

RT: 16.82 min Scan# 1394

Delta R.T. -0.13 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

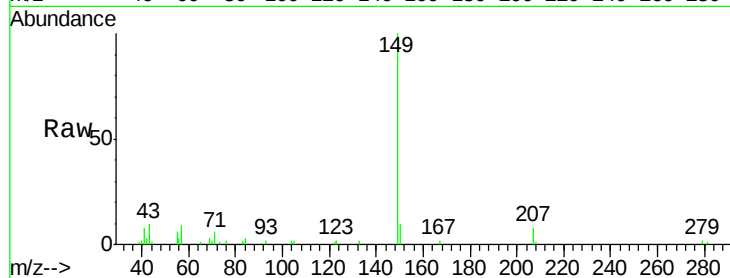
Tgt Ion:149 Resp: 26391

Ion Ratio Lower Upper

149 100

167 1.1 1.2 1.8#

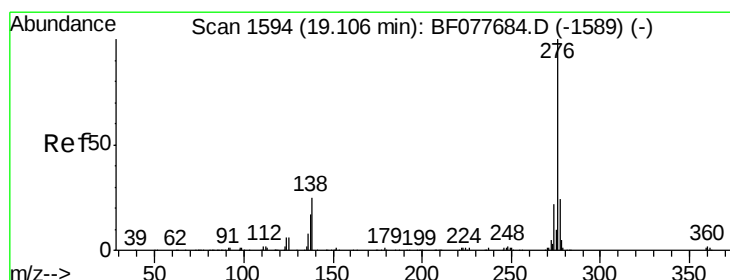
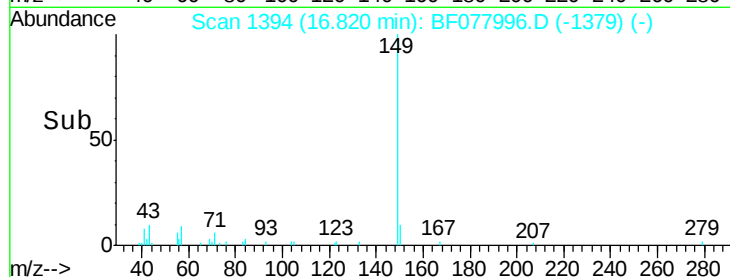
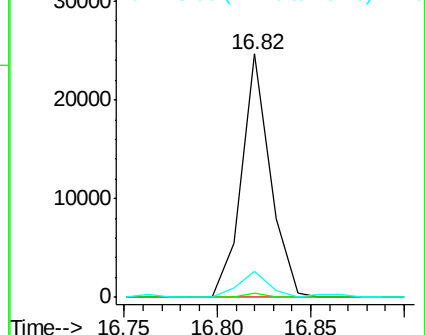
43 12.7 7.3 10.9#



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: 3.32 ng

RT: 19.07 min Scan# 1591

Delta R.T. -0.24 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

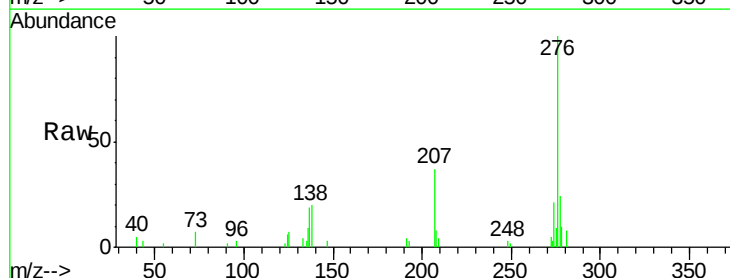
Tgt Ion:276 Resp: 35381

Ion Ratio Lower Upper

276 100

138 26.2 0.0 0.0#

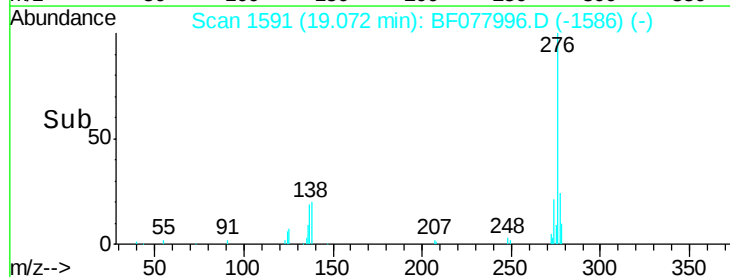
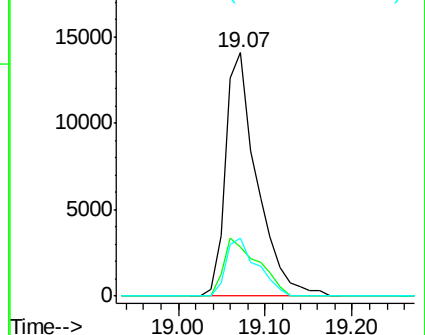
277 23.5 0.0 0.0#

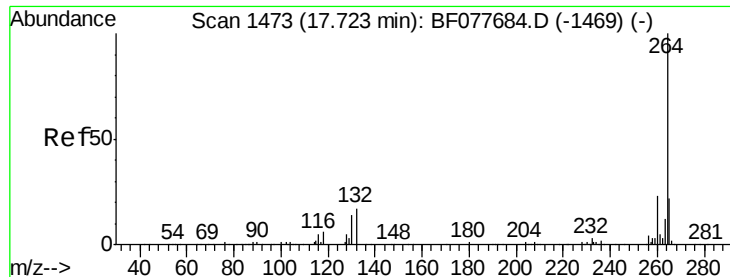


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

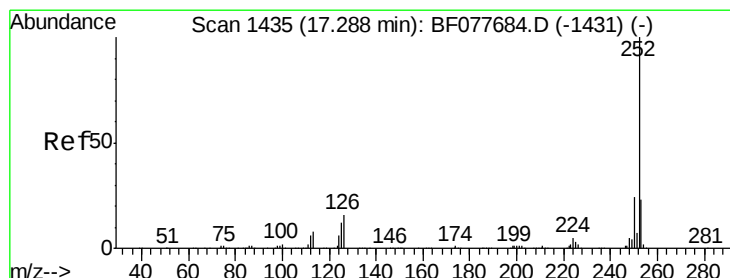
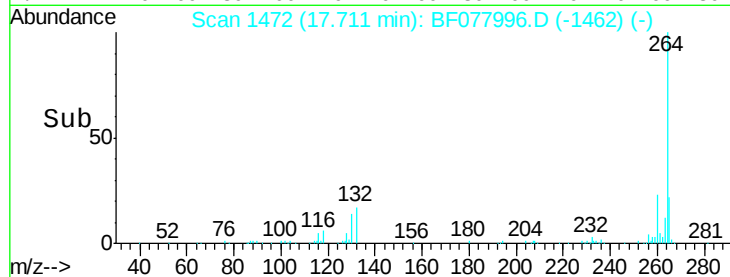
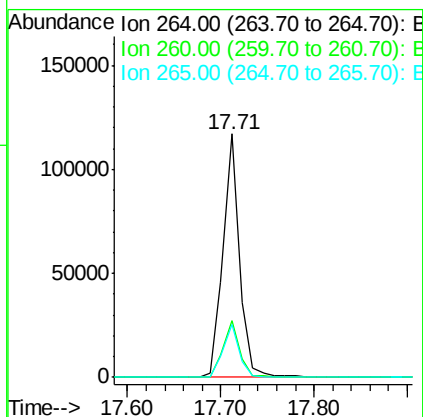
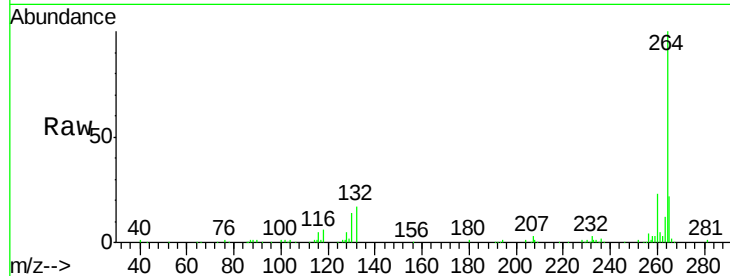




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.71 min Scan# 1472
Delta R.T. -0.18 min
Lab File: BF077996.D
Acq: 26 Mar 2015 15:39

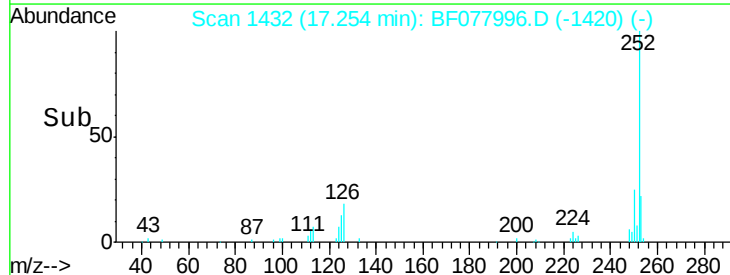
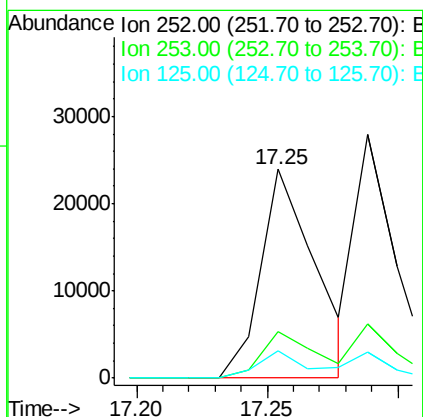
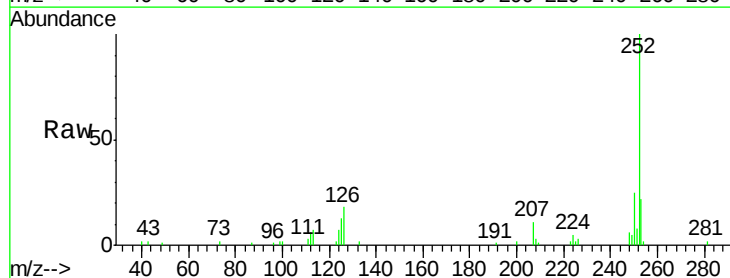
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

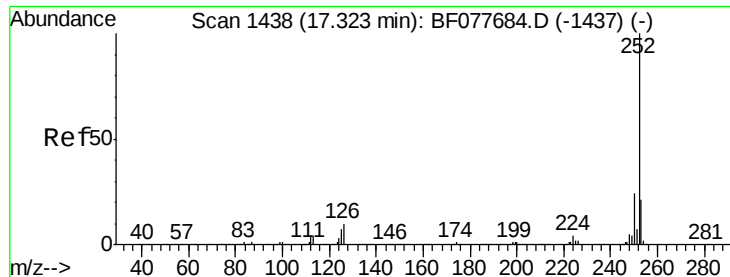
Tgt Ion: 264 Resp: 144213
Ion Ratio Lower Upper
264 100
260 23.1 18.6 27.8
265 21.6 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 3.70 ng
RT: 17.25 min Scan# 1432
Delta R.T. -0.16 min
Lab File: BF077996.D
Acq: 26 Mar 2015 15:39

Tgt Ion: 252 Resp: 34803
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 13.1 9.9 14.9

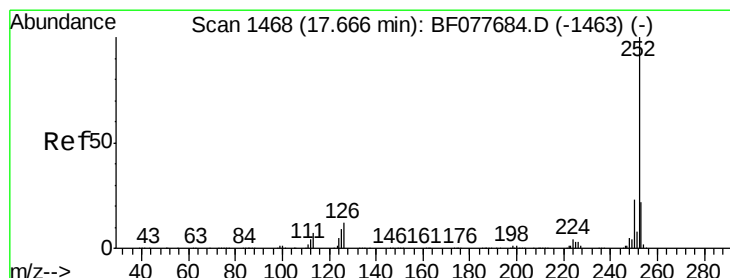
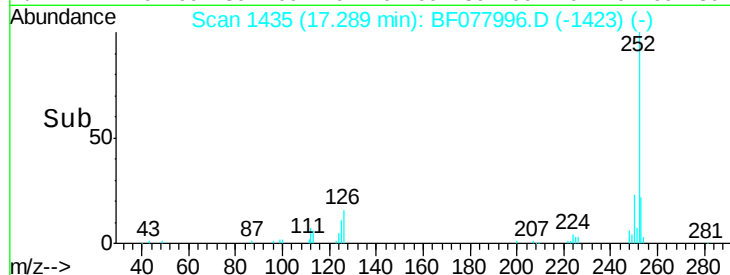
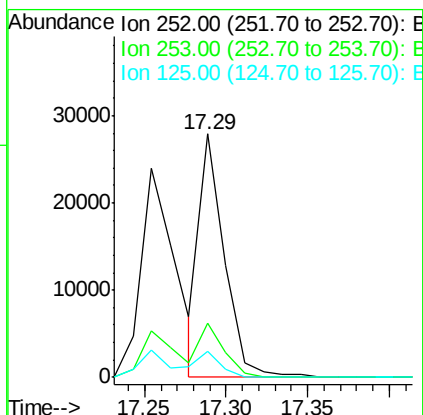
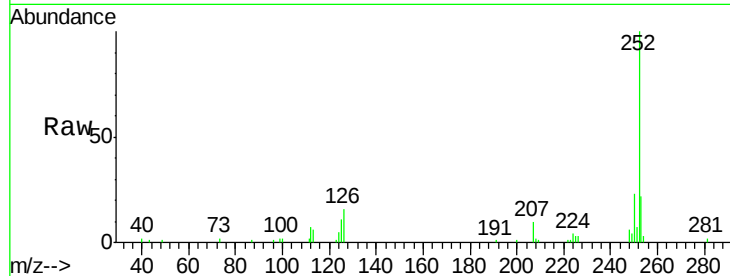




#88
Benzo(k)fluoranthene
Concen: 4.07 ng
RT: 17.29 min Scan# 1435
Delta R.T. -0.16 min
Lab File: BF077996.D
Acq: 26 Mar 2015 15:39

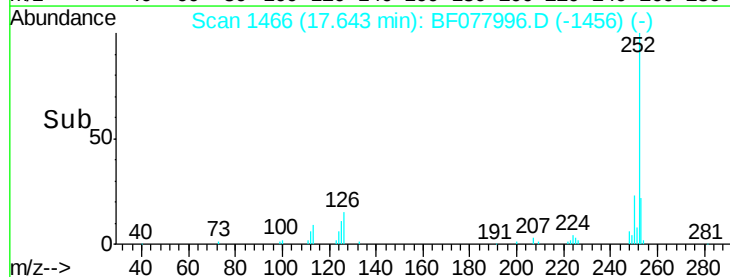
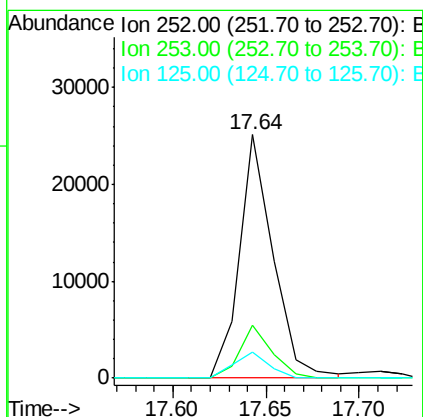
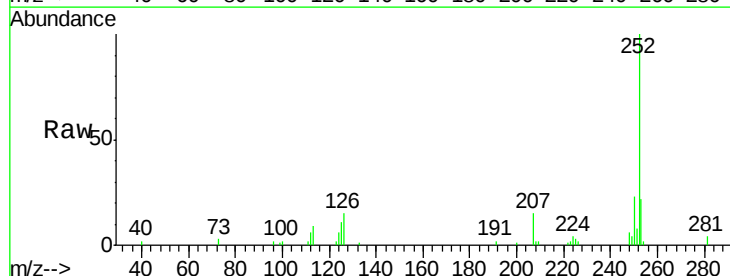
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

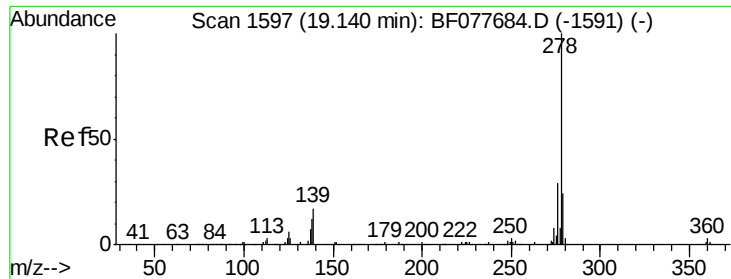
Tgt Ion: 252 Resp: 29895
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 10.8 8.1 12.1



#89
Benzo(a)pyrene
Concen: 4.03 ng
RT: 17.64 min Scan# 1466
Delta R.T. -0.18 min
Lab File: BF077996.D
Acq: 26 Mar 2015 15:39

Tgt Ion: 252 Resp: 31669
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 10.7 7.4 11.2





#90

Dibenzo(a,h)anthracene

Concen: 3.71 ng

RT: 19.09 min Scan# 1593

Delta R.T. -0.25 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

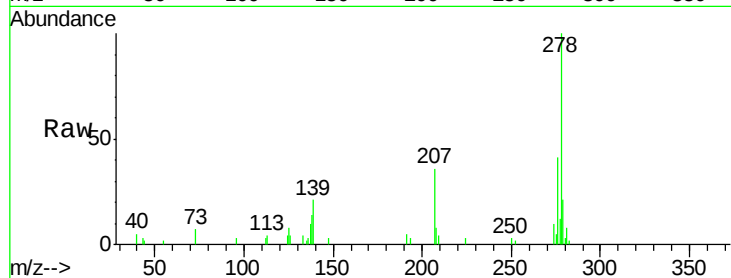
Tgt Ion:278 Resp: 28885

Ion Ratio Lower Upper

278 100

139 20.9 13.4 20.0#

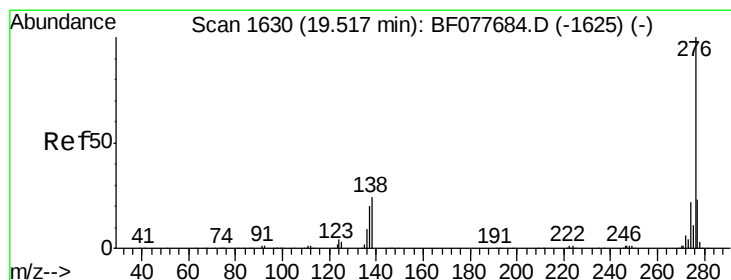
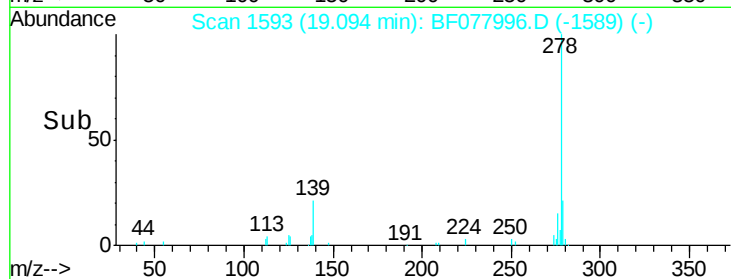
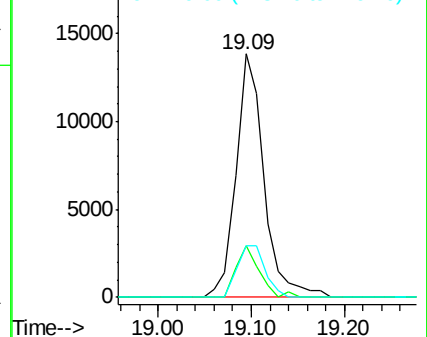
279 21.3 19.0 28.4



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: 3.78 ng

RT: 19.46 min Scan# 1625

Delta R.T. -0.25 min

Lab File: BF077996.D

Acq: 26 Mar 2015 15:39

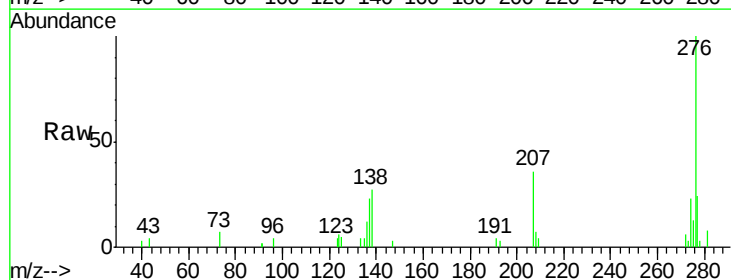
Tgt Ion:276 Resp: 29970

Ion Ratio Lower Upper

276 100

277 24.0 18.5 27.7

138 27.0 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

