

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080073.D
 Acq On : 20 Jun 2015 1:12
 Operator : TP/IZ
 Sample : G2653-03
 Misc : LOD-SVOC-SOIL-2PPM
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Jun 20 03:43:01 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	49084	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	198133	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	105656	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	226647	20.00	ng	-0.01
75) Chrysene-d12	14.87	240	240353	20.00	ng	0.01
86) Perylene-d12	16.76	264	225263	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.94	112	345067	124.45	ng	0.00
7) Phenol-d6	6.93	99	399343	108.23	ng	-0.01
23) Nitrobenzene-d5	7.89	82	258209	75.87	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	117729	113.95	ng	-0.01
44) 2-Fluorobiphenyl	9.69	172	505630	68.25	ng	-0.01
78) Terphenyl-d14	13.59	244	715117	69.49	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	1165	0.88	ng	# 91
4) n-Nitrosodimethylamine	4.04	42	1219	0.73	ng	# 75
6) Aniline	6.98	93	2268	0.45	ng	95
8) 2-Chlorophenol	7.11	128	4608	1.44	ng	# 70
9) Benzaldehyde	6.88	77	3397	1.59	ng	# 87
10) Phenol	6.94	94	5567	1.38	ng	# 1
11) bis(2-Chloroethyl)ether	7.04	93	4077	1.28	ng	86
12) 1,3-Dichlorobenzene	7.51	146	4952	1.29	ng	93
13) 1,4-Dichlorobenzene	7.35	146	5943	1.62	ng	92
14) 1,2-Dichlorobenzene	7.51	146	4952	1.39	ng	96
15) Benzyl Alcohol	7.49	79	6962	2.31	ng	# 36
16) 2,2'-oxybis(1-Chloropropan	7.59	45	6997	1.48	ng	76
17) 2-Methylphenol	7.56	107	3728	1.36	ng	# 75
18) Hexachloroethane	7.85	117	1561	1.28	ng	# 85
19) n-Nitroso-di-n-propylamine	7.72	70	2904	1.13	ng	# 80
20) 3+4-Methylphenols	7.72	107	4526	1.28	ng	88
22) Acetophenone	7.73	105	6937	1.50	ng	# 81
24) Nitrobenzene	7.90	77	5635	1.60	ng	# 62
25) Isophorone	7.89	82	257796	37.64	ng	# 58
26) 2-Nitrophenol	8.23	139	1710	1.16	ng	# 64
27) 2,4-Dimethylphenol	8.25	122	3413	1.11	ng	87
28) bis(2-Chloroethoxy)methane	8.34	93	5587	1.39	ng	# 94
29) 2,4-Dichlorophenol	8.47	162	3210	1.22	ng	89
30) 1,2,4-Trichlorobenzene	8.56	180	4567	1.53	ng	93
31) Naphthalene	8.64	128	15163	1.46	ng	98
32) Benzoic acid	8.25	122	3413	1.84	ng	# 27
33) 4-Chloroaniline	8.68	127	2687	0.61	ng	# 76
34) Hexachlorobutadiene	8.77	225	2483	1.35	ng	98
35) Caprolactam	9.00	113	407	0.48	ng	# 52
36) 4-Chloro-3-methylphenol	9.14	107	3324	1.12	ng	# 65
37) 2-Methylnaphthalene	9.34	142	10571	1.58	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	4595	1.49	ng	# 97
40) Hexachlorocyclopentadiene	9.50	237	732	6.67	ng	# 28
42) 2,4,6-Trichlorophenol	9.61	196	2262	1.08	ng	91

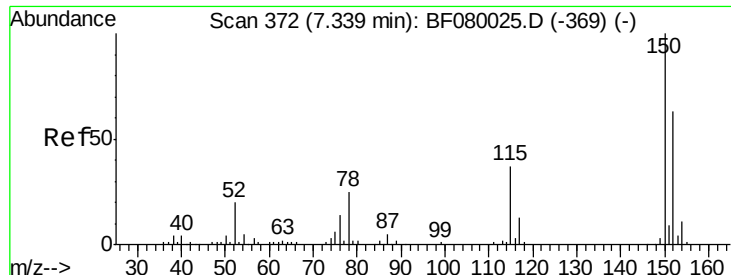
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.65	196	2401	1.00	ng	# 87
45) 1,1'-Biphenyl	9.80	154	11217	1.30	ng	95
46) 2-Chloronaphthalene	9.83	162	9849	1.41	ng	94
47) 2-Nitroaniline	9.91	65	1741	0.91	ng	# 62
48) Acenaphthylene	10.25	152	14809	1.27	ng	99
49) Dimethylphthalate	10.08	163	10875	1.37	ng	# 97
50) 2,6-Dinitrotoluene	10.15	165	1230	0.77	ng	# 48
51) Acenaphthene	10.42	154	9221	1.29	ng	89
52) 3-Nitroaniline	10.32	138	1657	0.90	ng	# 66
54) Dibenzofuran	10.60	168	14668	1.45	ng	# 90
55) 4-Nitrophenol	10.47	139	780	0.53	ng	# 42
56) 2,4-Dinitrotoluene	10.56	165	1744	0.86	ng	# 96
57) Fluorene	10.95	166	10493	1.31	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.71	232	1945	0.96	ng	# 84
59) Diethylphthalate	10.79	149	11426	1.43	ng	97
60) 4-Chlorophenyl-phenylether	10.93	204	5075	1.32	ng	# 83
61) 4-Nitroaniline	10.94	138	1470	0.77	ng	# 56
62) Azobenzene	11.09	77	9950	1.22	ng	87
64) 4,6-Dinitro-2-methylphenol	10.97	198	313	3.82	ng	# 24
65) n-Nitrosodiphenylamine	11.04	169	9101	1.23	ng	91
66) 4-Bromophenyl-phenylether	11.43	248	3321	1.38	ng	# 81
67) Hexachlorobenzene	11.51	284	3469	1.30	ng	# 77
68) Atrazine	11.56	200	2380	1.02	ng	91
69) Pentachlorophenol	11.70	266	672	0.44	ng	90
70) Phenanthrene	11.92	178	19408	1.41	ng	96
71) Anthracene	11.98	178	17281	1.31	ng	98
72) Carbazole	12.13	167	14744	1.17	ng	96
73) Di-n-butylphthalate	12.46	149	14167	0.97	ng	99
74) Fluoranthene	13.19	202	16860	1.15	ng	89
76) Benzidine	13.30	184	3303	0.49	ng	95
77) Pyrene	13.44	202	18083	1.22	ng	97
79) Butylbenzylphthalate	14.14	149	4763	0.80	ng	91
80) Benzo(a)anthracene	14.86	228	18411	1.26	ng	99
81) 3,3'-Dichlorobenzidine	14.80	252	3216	0.64	ng	# 82
82) Chrysene	14.91	228	17773	1.32	ng	96
83) Bis(2-ethylhexyl)phthalate	14.84	149	6388	0.68	ng	# 89
84) Di-n-octyl phthalate	15.65	149	9151	0.57	ng	# 87
85) Indeno(1,2,3-cd)pyrene	18.61	276	16472	0.97	ng	# 88
87) Benzo(b)fluoranthene	16.22	252	15772	1.16	ng	# 85
88) Benzo(k)fluoranthene	16.25	252	17145	1.23	ng	# 86
89) Benzo(a)pyrene	16.68	252	14316	1.11	ng	# 87
90) Dibenzo(a,h)anthracene	18.63	278	13963	1.05	ng	# 84
91) Benzo(g,h,i)perylene	19.17	276	15099	1.13	ng	# 77

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.33 min Scan# 371

Delta R.T. -0.01 min

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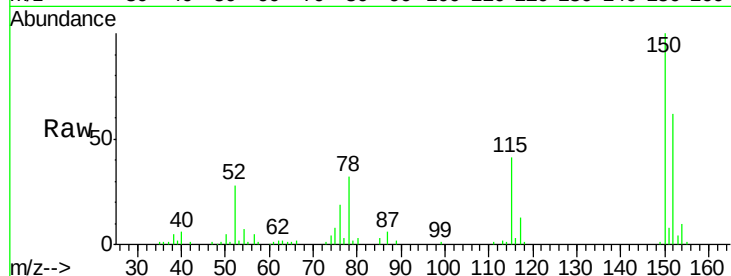
Tgt Ion:152 Resp: 49084

Ion Ratio Lower Upper

152 100

150 161.8 124.7 187.1

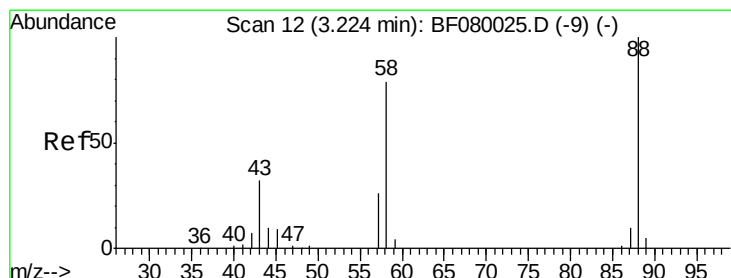
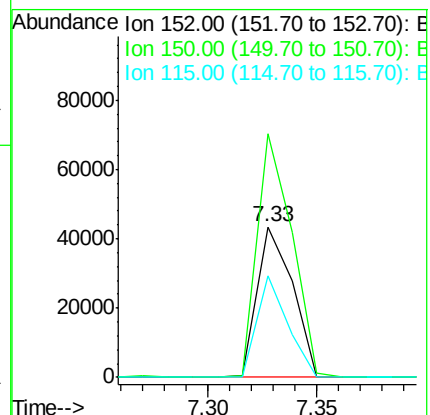
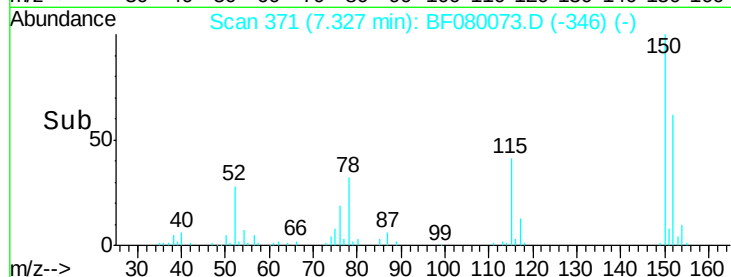
115 67.1 39.0 58.4#



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: 0.88 ng

RT: 3.27 min Scan# 16

Delta R.T. 0.05 min

Lab File: BF080073.D

Acq: 20 Jun 2015 1:12

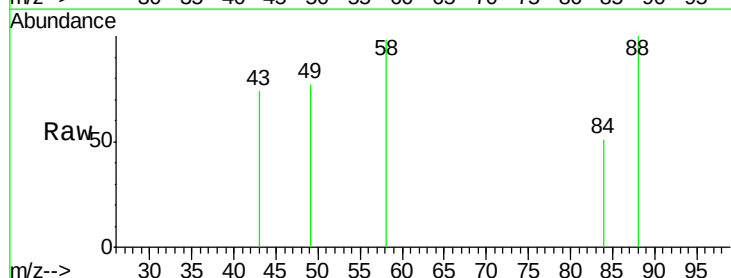
Tgt Ion: 88 Resp: 1165

Ion Ratio Lower Upper

88 100

58 100.5 77.7 116.5

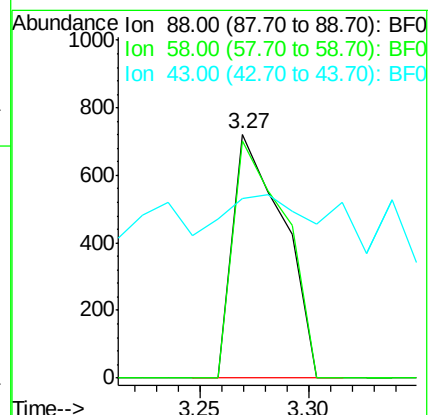
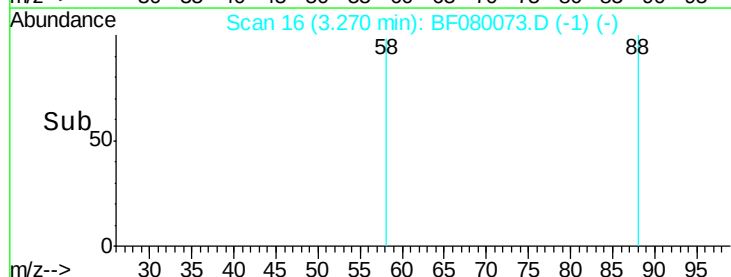
43 47.1 26.6 40.0#

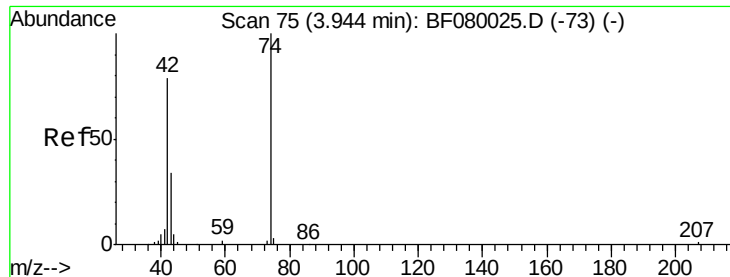


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.73 ng

RT: 4.04 min Scan# 83

Delta R.T. 0.09 min

Lab File: BF080073.D

Acq: 20 Jun 2015 1:12

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

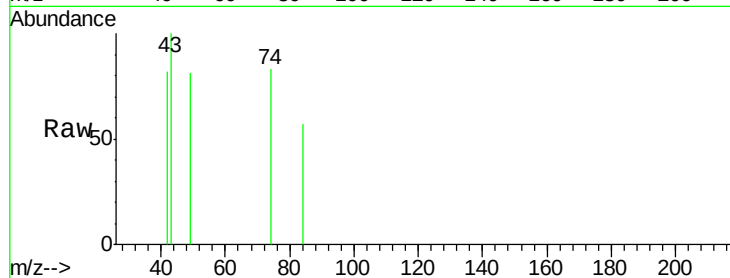
Tgt Ion: 42 Resp: 1219

Ion Ratio Lower Upper

42 100

74 101.6 105.0 157.6#

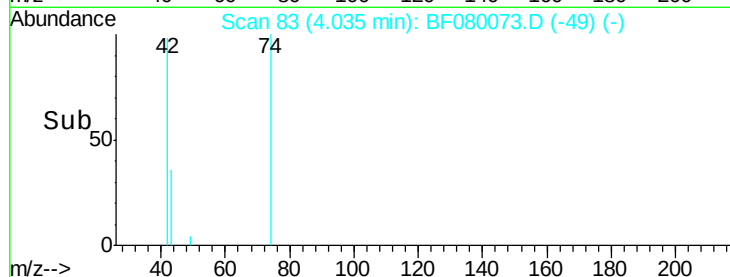
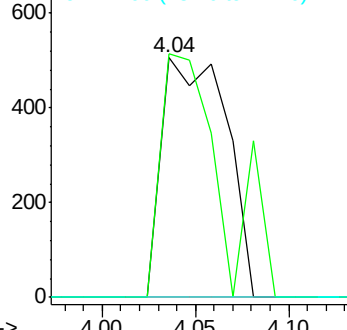
44 0.0 6.6 10.0#



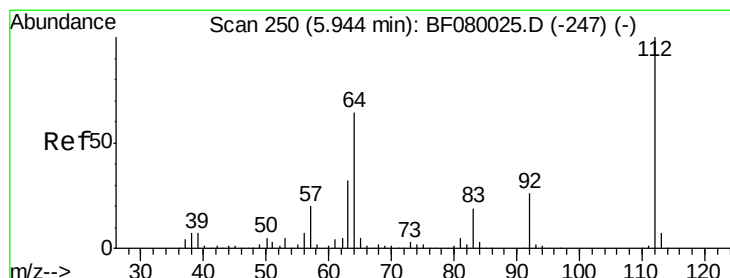
Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0



Time-->



#5

2-Fluorophenol

Concen: 124.45 ng

RT: 5.94 min Scan# 250

Delta R.T. 0.00 min

Lab File: BF080073.D

Acq: 20 Jun 2015 1:12

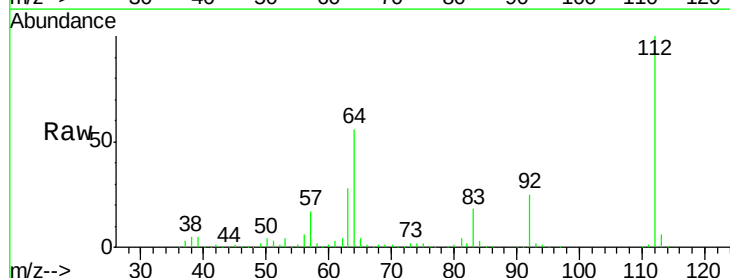
Tgt Ion: 112 Resp: 345067

Ion Ratio Lower Upper

112 100

64 55.5 39.7 59.5

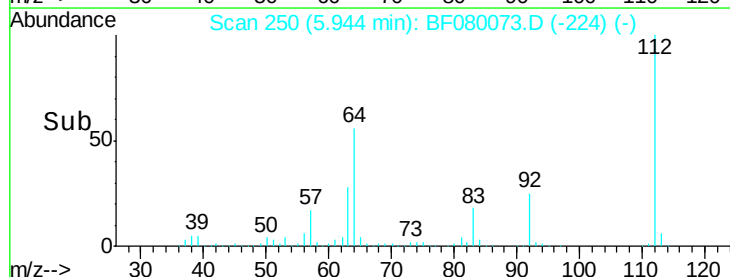
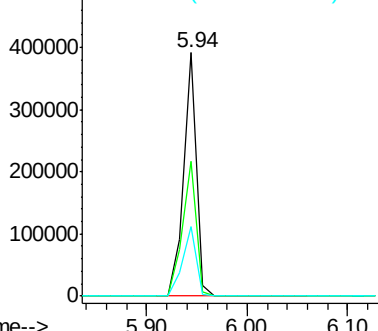
63 28.5 17.4 26.0#

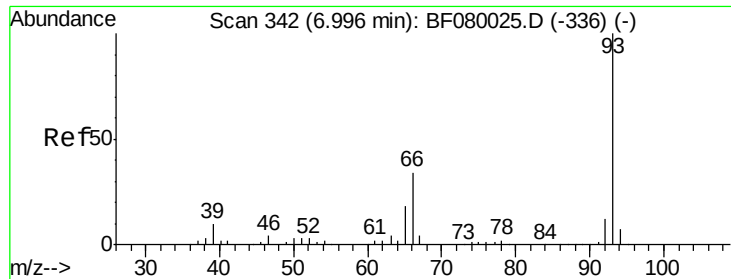


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.45 ng

RT: 6.98 min Scan# 341

Delta R.T. -0.01 min

Lab File: BF080073.D

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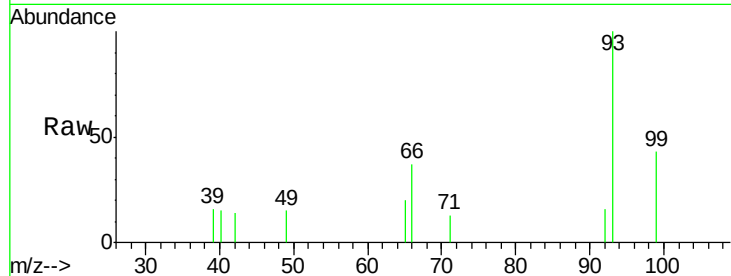
Tgt Ion: 93 Resp: 2268

Ion Ratio Lower Upper

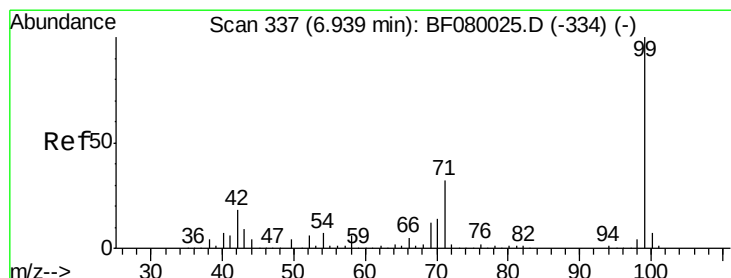
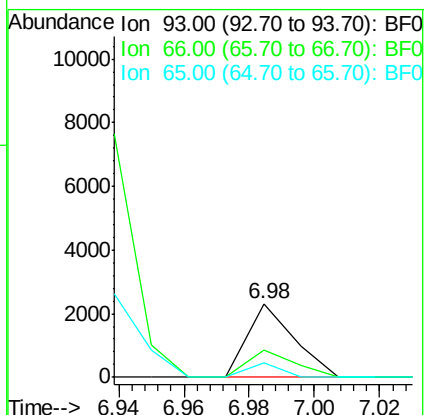
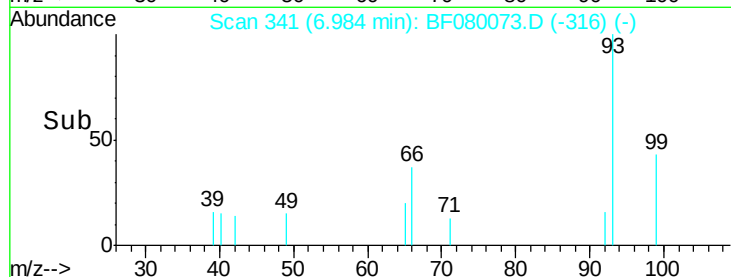
93 100

66 36.9 27.2 40.8

65 20.1 14.7 22.1



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: 108.23 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080073.D

Acq: 20 Jun 2015 1:12

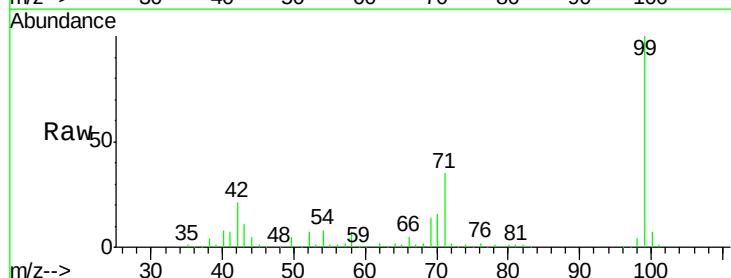
Tgt Ion: 99 Resp: 399343

Ion Ratio Lower Upper

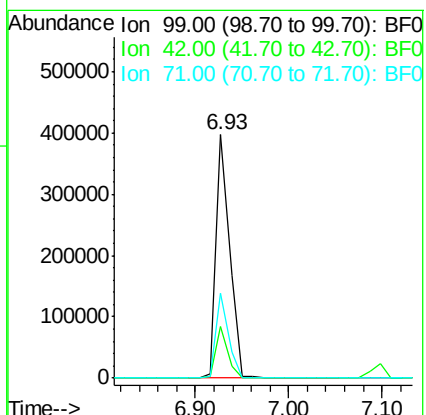
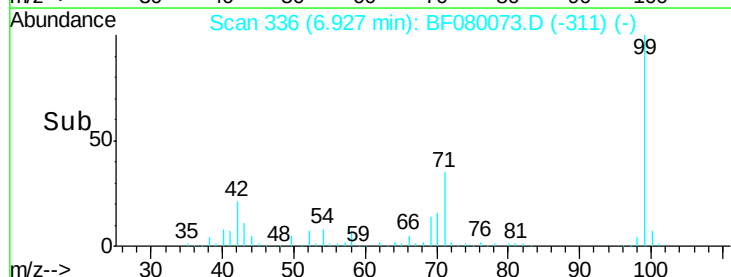
99 100

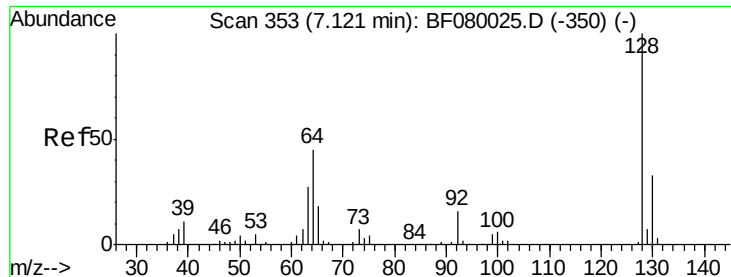
42 21.3 13.7 20.5#

71 34.6 14.2 21.2#



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

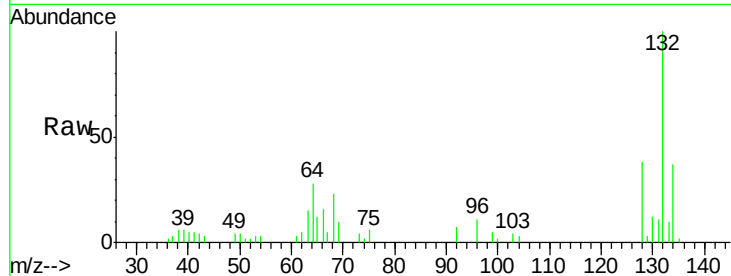




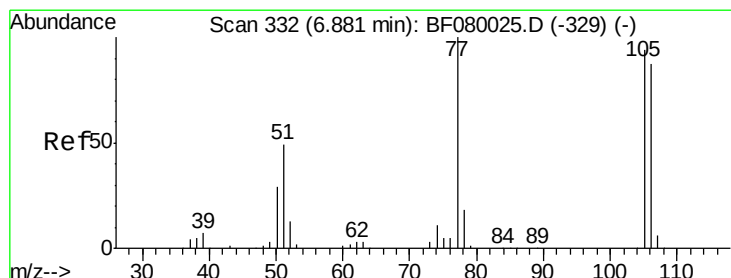
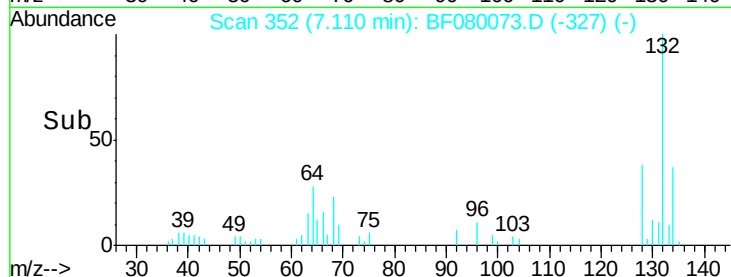
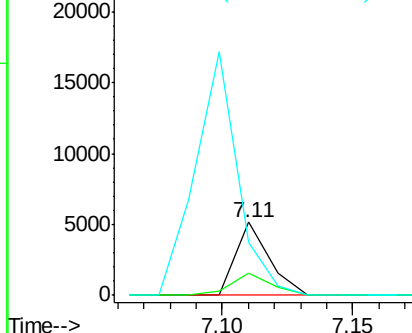
#8
 2-Chlorophenol
 Concen: 1.44 ng
 RT: 7.11 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

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Tgt Ion: 128 Resp: 4608
 Ion Ratio Lower Upper
 128 100
 130 31.1 12.2 52.2
 64 72.5 20.5 60.5#

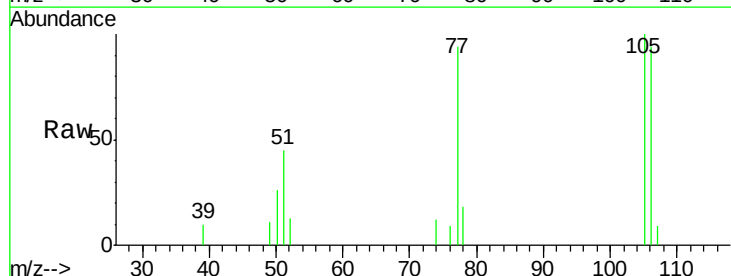


Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 64.00 (63.70 to 64.70): BF0

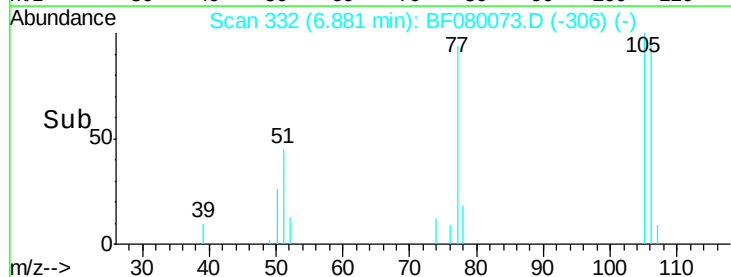
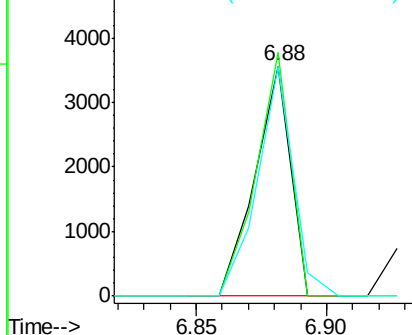


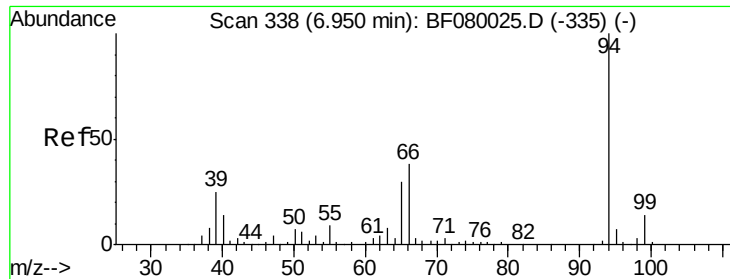
#9
 Benzaldehyde
 Concen: 1.59 ng
 RT: 6.88 min Scan# 332
 Delta R.T. 0.00 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

Tgt Ion: 77 Resp: 3397
 Ion Ratio Lower Upper
 77 100
 105 106.1 91.6 131.6
 106 100.2 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 105.00 (104.70 to 105.70): E
 Ion 106.00 (105.70 to 106.70): E

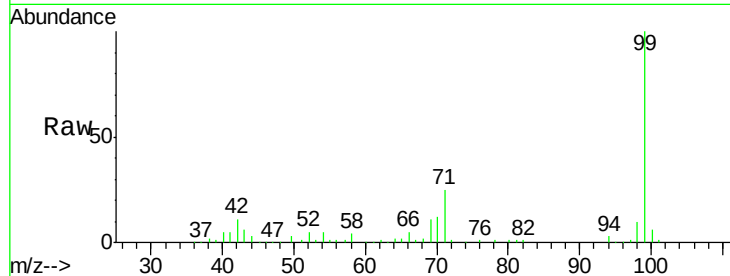




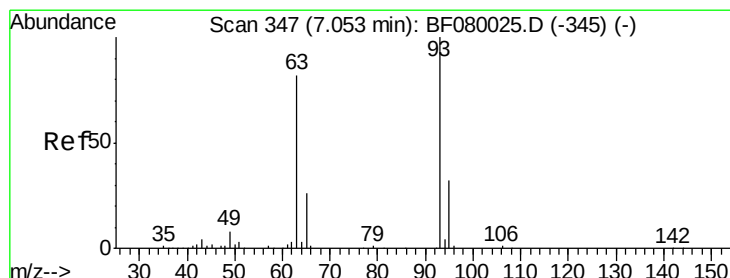
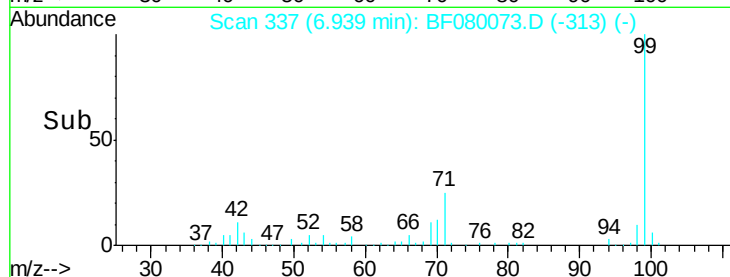
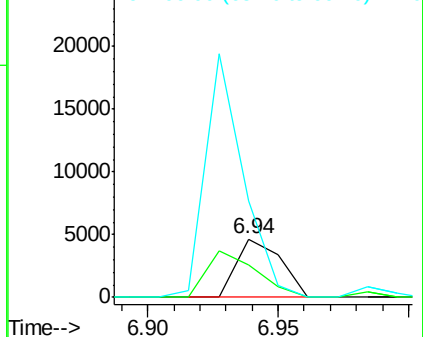
#10
Phenol
Concen: 1.38 ng
RT: 6.94 min Scan# 337
Delta R.T. -0.02 min
Lab File: BF080073.D
Acq: 20 Jun 2015 1:12

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LOD-SOIL2015-01

Tgt Ion: 94 Resp: 5567
Ion Ratio Lower Upper
94 100
65 55.9 0.7 40.7#
66 163.7 0.8 40.8#

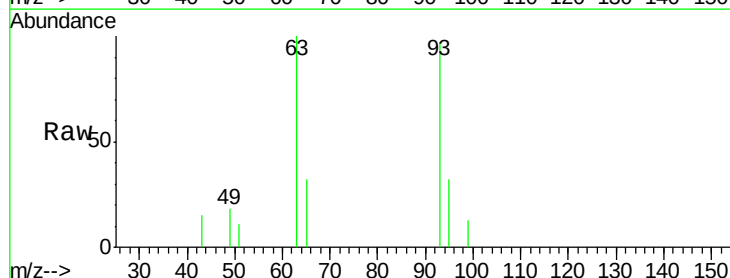


Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

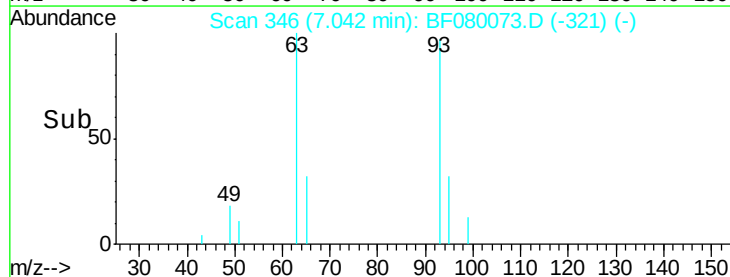
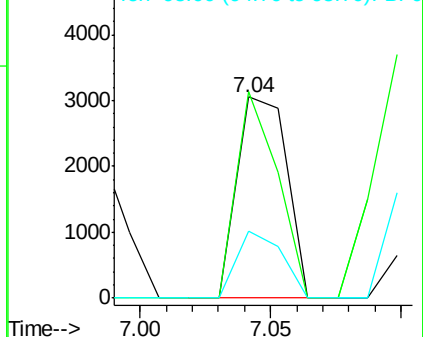


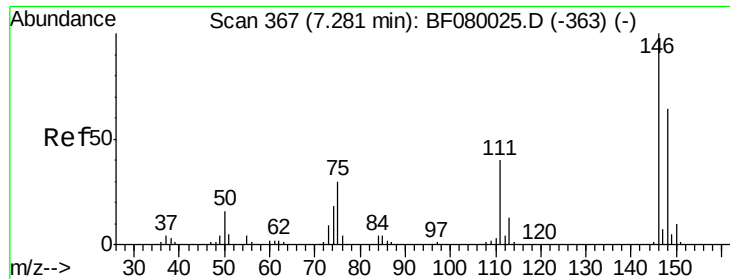
#11
bis(2-Chloroethyl)ether
Concen: 1.28 ng
RT: 7.04 min Scan# 346
Delta R.T. -0.01 min
Lab File: BF080073.D
Acq: 20 Jun 2015 1:12

Tgt Ion: 93 Resp: 4077
Ion Ratio Lower Upper
93 100
63 102.6 65.6 105.6
95 33.0 13.6 53.6



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

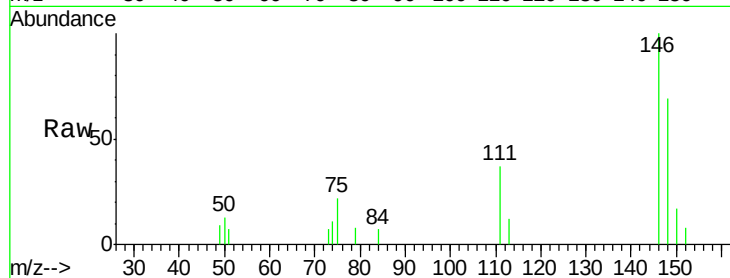




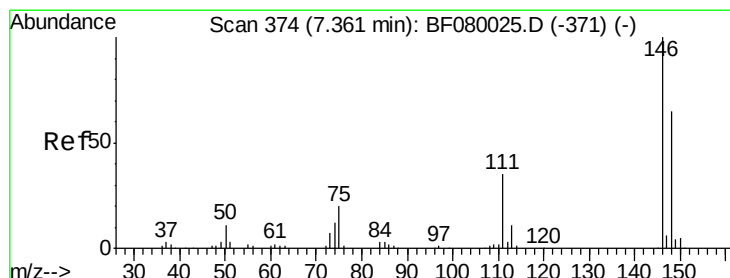
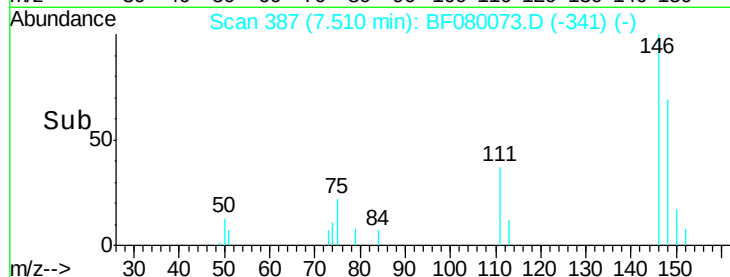
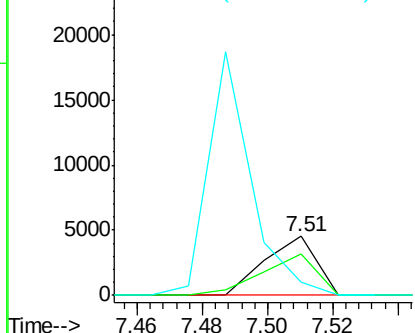
#12
 1,3-Dichlorobenzene
 Concen: 1.29 ng
 RT: 7.51 min Scan# 387
 Delta R.T. 0.23 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:146 Resp: 4952
 Ion Ratio Lower Upper
 146 100
 148 69.1 51.0 76.4
 75 22.0 15.0 22.6

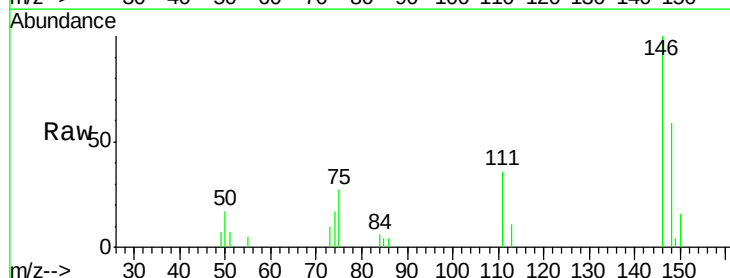


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

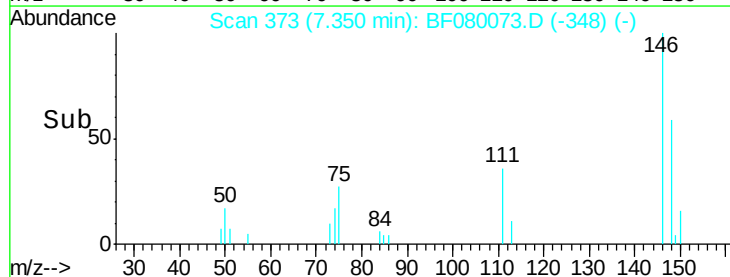
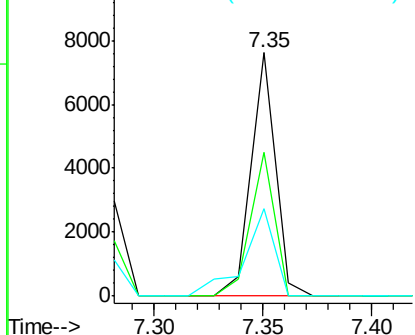


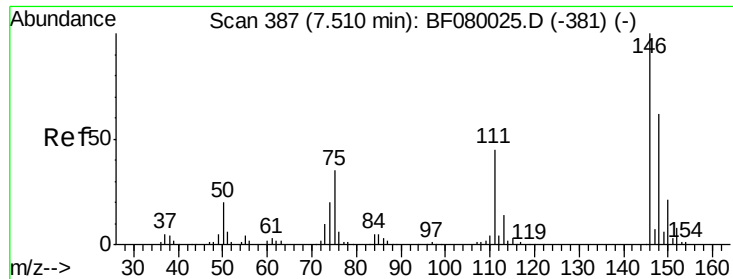
#13
 1,4-Dichlorobenzene
 Concen: 1.62 ng
 RT: 7.35 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

Tgt Ion:146 Resp: 5943
 Ion Ratio Lower Upper
 146 100
 148 59.1 51.8 77.6
 111 36.1 24.9 37.3



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

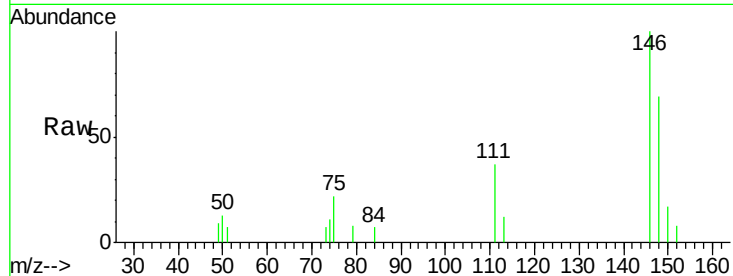




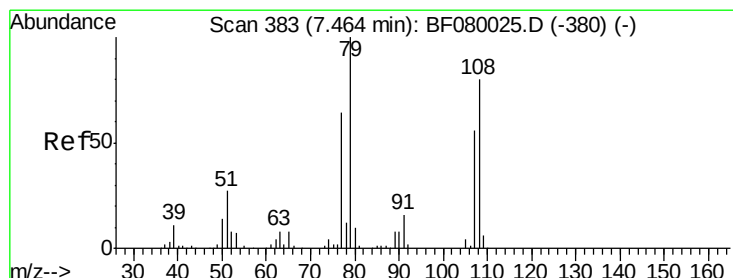
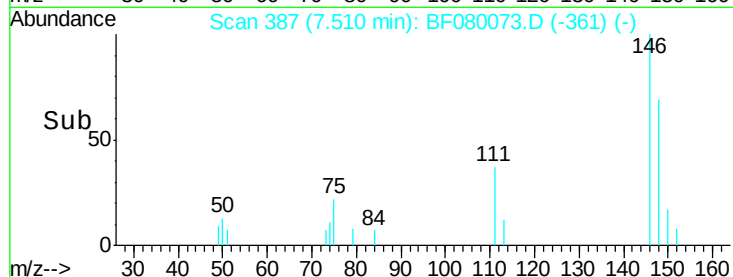
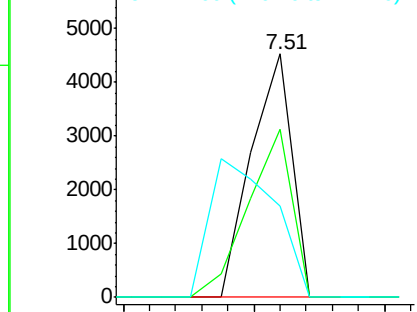
#14
1,2-Dichlorobenzene
Concen: 1.39 ng
RT: 7.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF080073.D
Acq: 20 Jun 2015 1:12

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion: 146 Resp: 4952
Ion Ratio Lower Upper
146 100
148 69.1 52.7 79.1
111 37.5 28.8 43.2

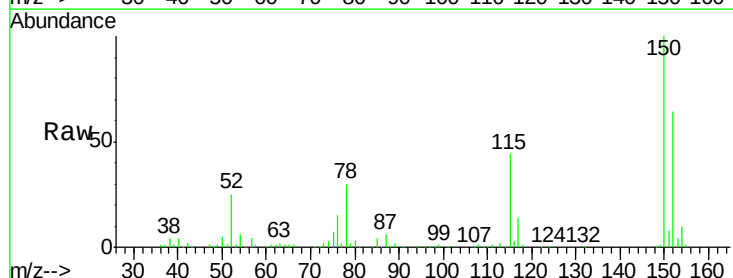


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

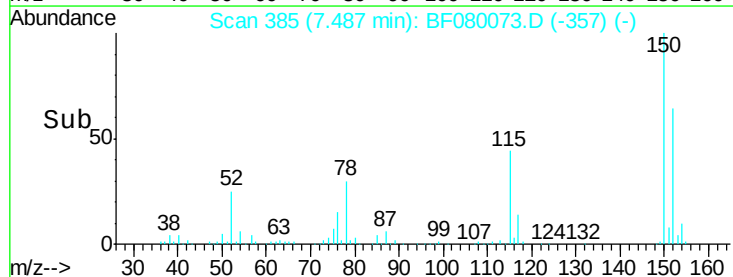
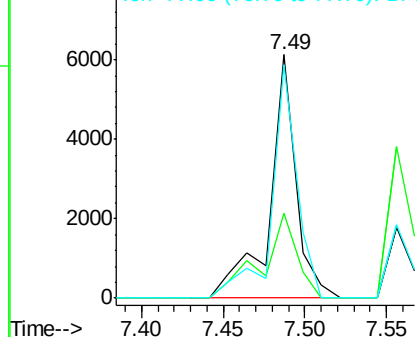


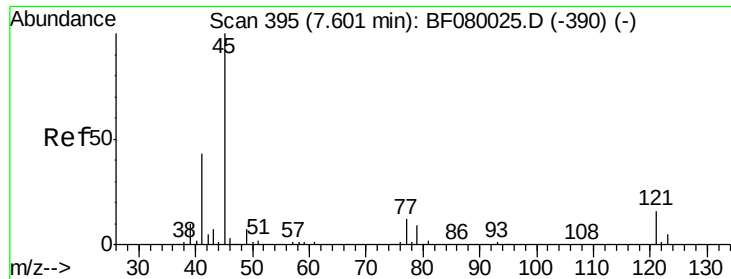
#15
Benzyl Alcohol
Concen: 2.31 ng
RT: 7.49 min Scan# 385
Delta R.T. 0.02 min
Lab File: BF080073.D
Acq: 20 Jun 2015 1:12

Tgt Ion: 79 Resp: 6962
Ion Ratio Lower Upper
79 100
108 35.1 88.6 132.8#
77 95.8 47.0 70.4#



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

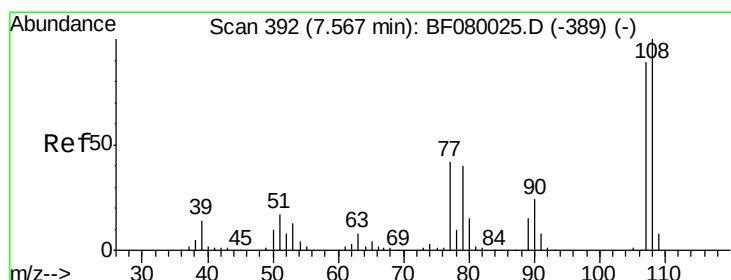
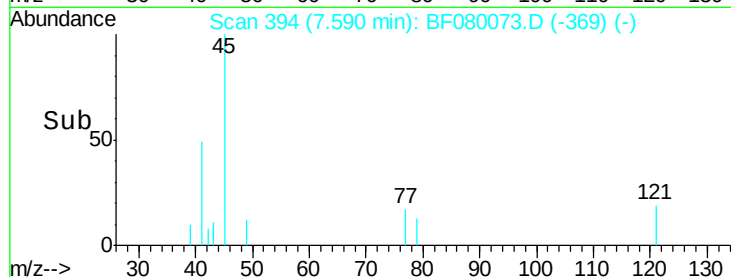
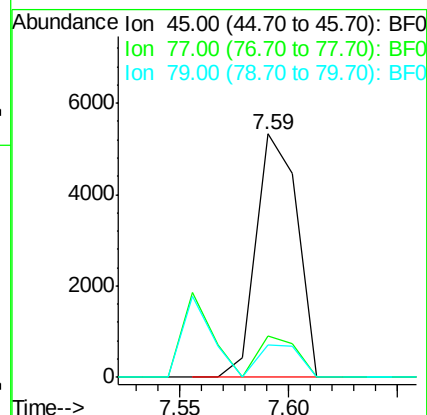
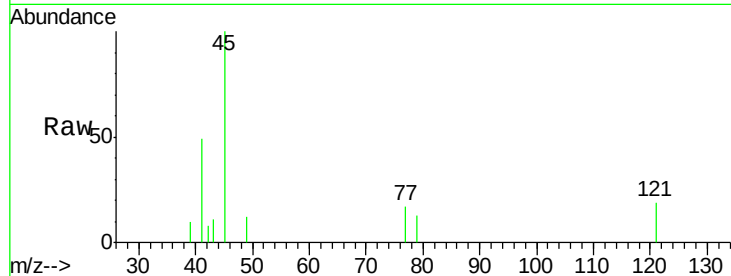




#16
2,2'-oxybis(1-Chloropropane)
Concen: 1.48 ng
RT: 7.59 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF080073.D
Acq: 20 Jun 2015 1:12

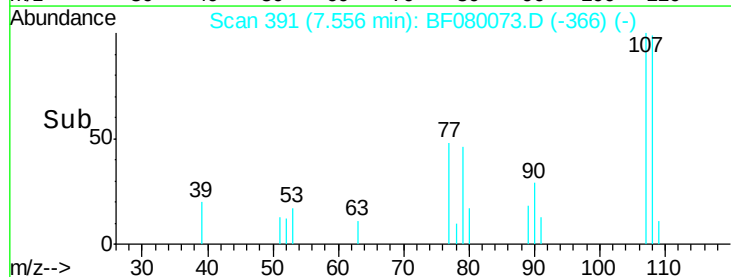
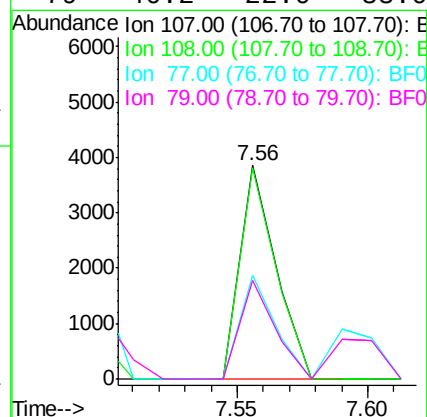
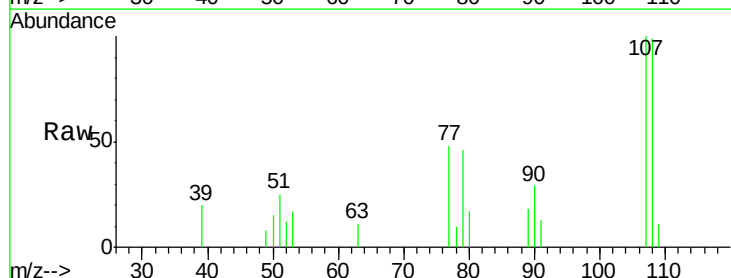
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

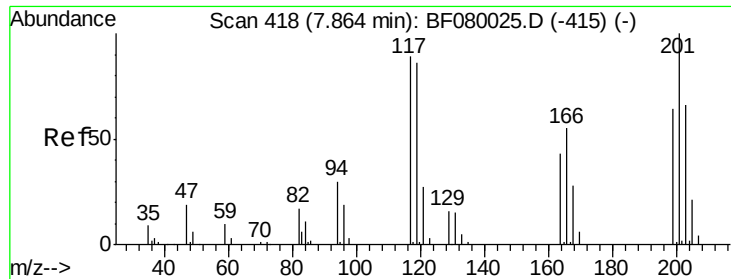
Tgt Ion: 45 Resp: 6997
Ion Ratio Lower Upper
45 100
77 17.1 0.0 28.1
79 13.4 0.0 26.0



#17
2-Methylphenol
Concen: 1.36 ng
RT: 7.56 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF080073.D
Acq: 20 Jun 2015 1:12

Tgt Ion: 107 Resp: 3728
Ion Ratio Lower Upper
107 100
108 99.1 96.6 145.0
77 48.2 23.3 34.9#
79 46.2 22.0 33.0#

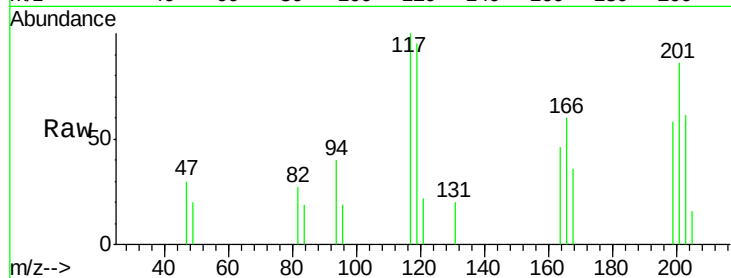




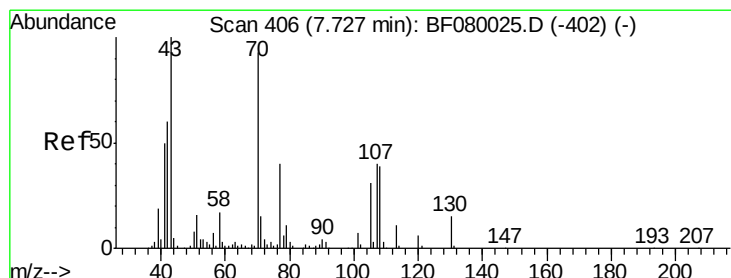
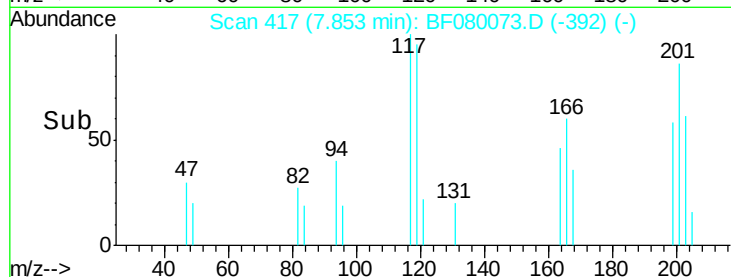
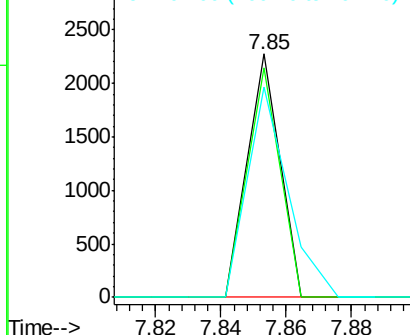
#18
Hexachloroethane
Concen: 1.28 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF080073.D
Acq: 20 Jun 2015 1:12

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion: 117 Resp: 1561
Ion Ratio Lower Upper
117 100
119 94.5 83.8 125.6
201 86.4 55.1 82.7#

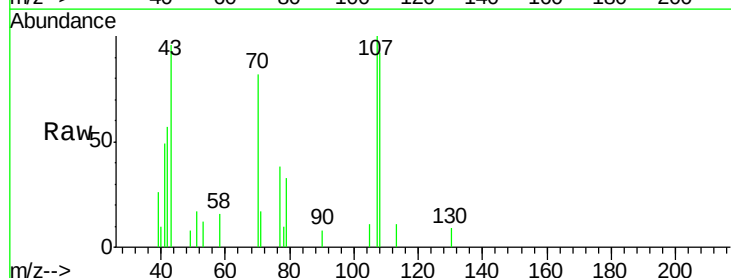


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

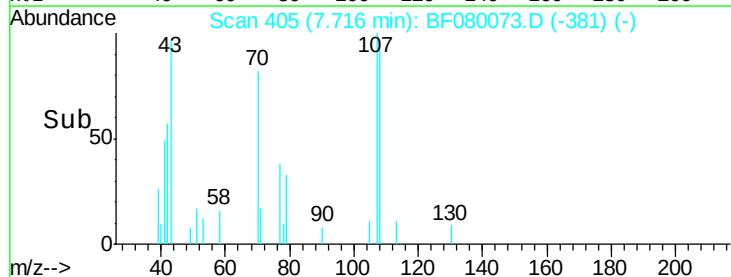
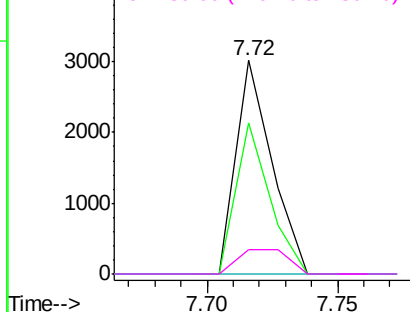


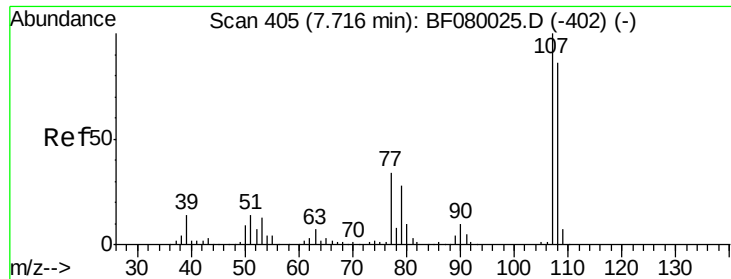
#19
n-Nitroso-di-n-propylamine
Concen: 1.13 ng
RT: 7.72 min Scan# 405
Delta R.T. -0.02 min
Lab File: BF080073.D
Acq: 20 Jun 2015 1:12

Tgt Ion: 70 Resp: 2904
Ion Ratio Lower Upper
70 100
42 70.5 63.8 95.6
101 0.0 9.2 13.8#
130 11.6 27.3 40.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 1.28 ng

RT: 7.72 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF080073.D

Acq: 20 Jun 2015 1:12

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

Tgt Ion:107 Resp: 4526

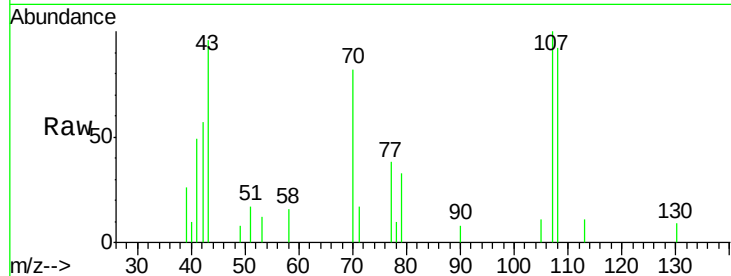
Ion Ratio Lower Upper

107 100

108 91.6 74.6 114.6

77 37.7 0.7 40.7

79 33.0 0.0 38.9

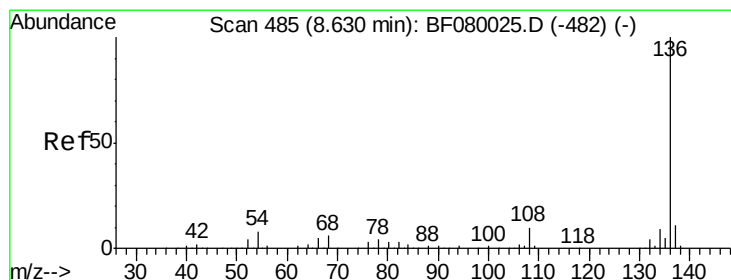
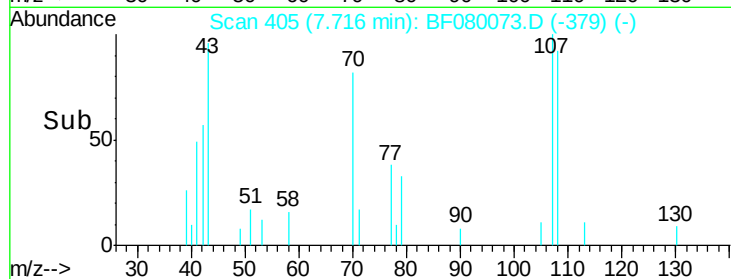
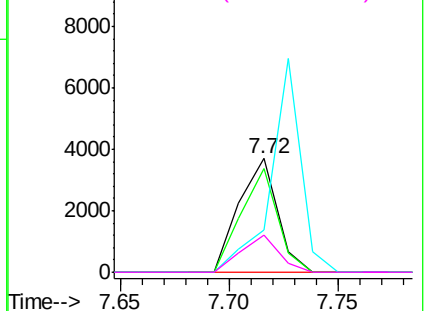


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.62 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF080073.D

Acq: 20 Jun 2015 1:12

Tgt Ion:136 Resp: 198133

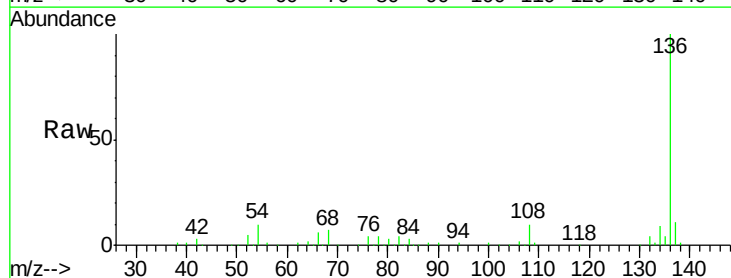
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 9.9 8.2 12.2

68 7.1 5.8 8.6

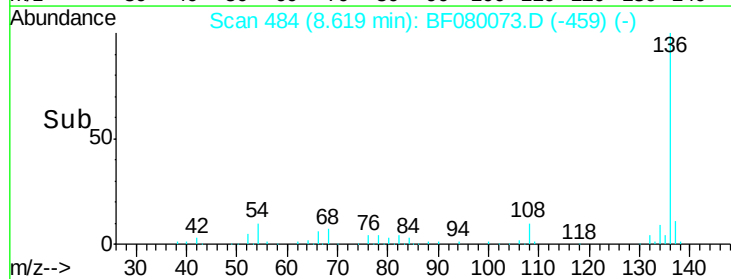
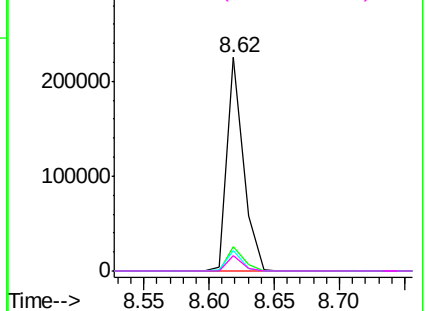


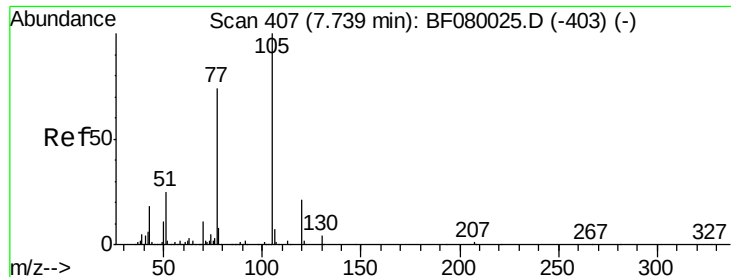
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

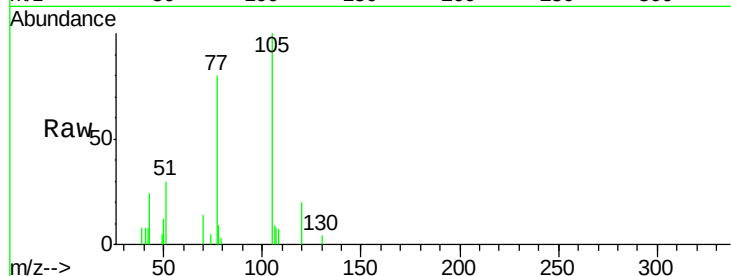




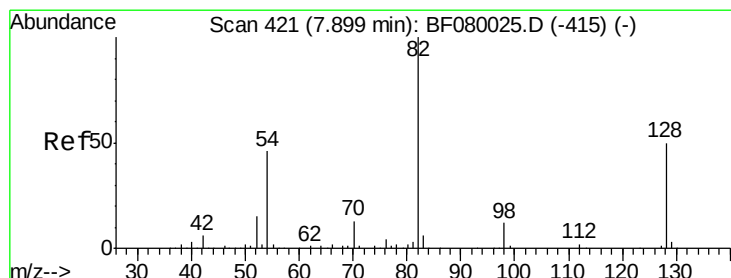
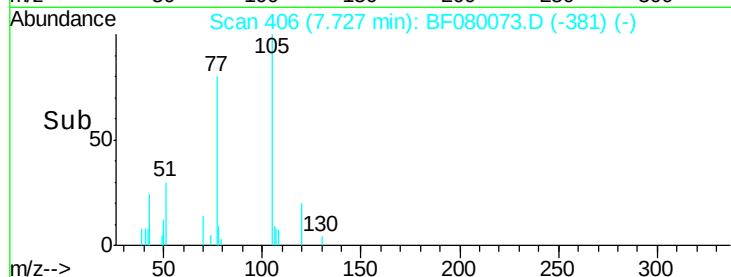
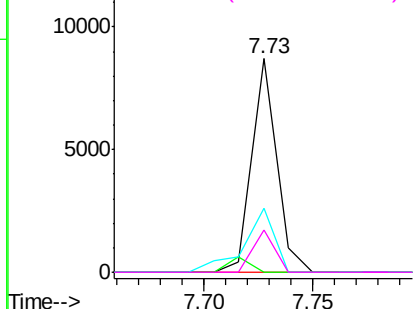
#22
Acetophenone
Concen: 1.50 ng
RT: 7.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF080073.D
Acq: 20 Jun 2015 1:12

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion: 105 Resp: 6937
Ion Ratio Lower Upper
105 100
71 0.0 4.7 7.1#
51 30.0 22.0 33.0
120 19.8 30.1 45.1#

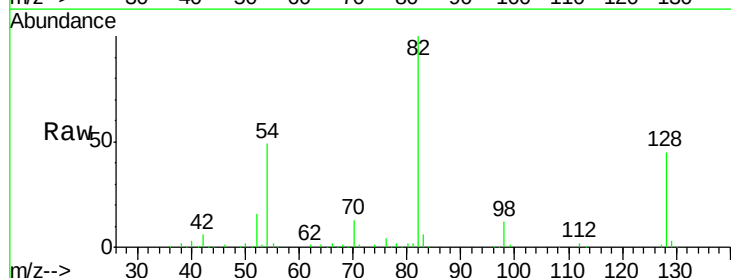


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

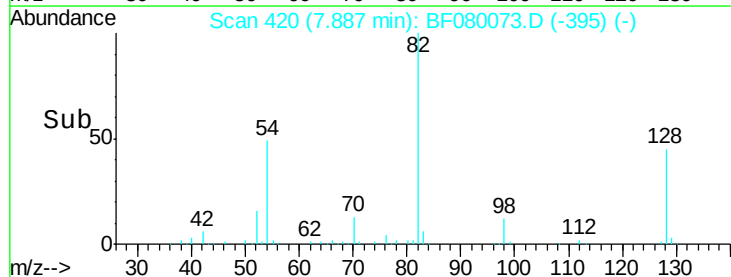
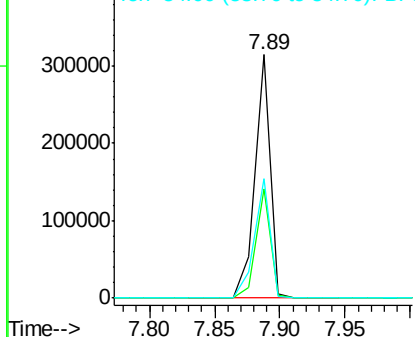


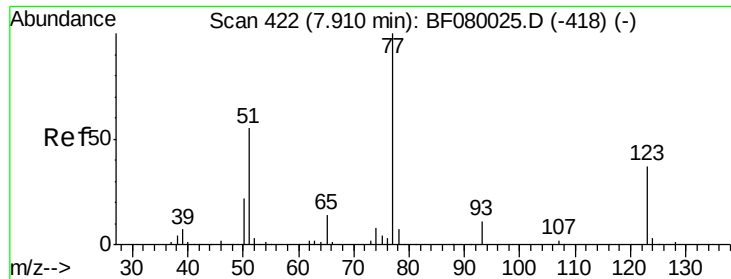
#23
Nitrobenzene-d5
Concen: 75.87 ng
RT: 7.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF080073.D
Acq: 20 Jun 2015 1:12

Tgt Ion: 82 Resp: 258209
Ion Ratio Lower Upper
82 100
128 44.6 51.0 76.6#
54 48.9 47.5 71.3



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

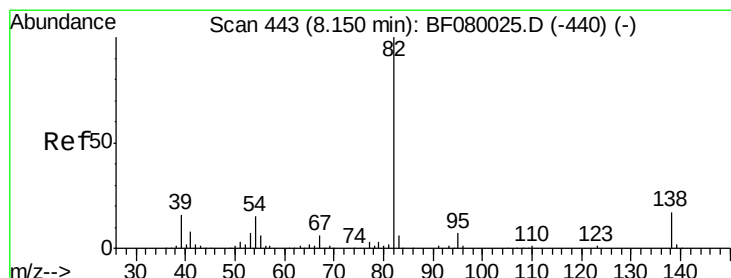
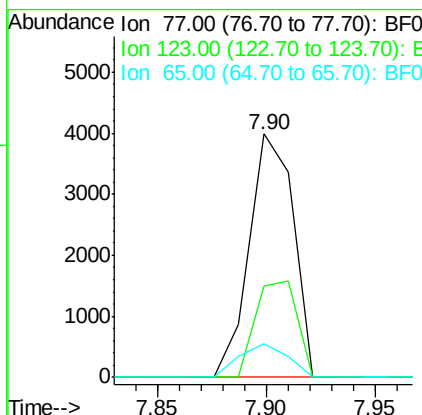
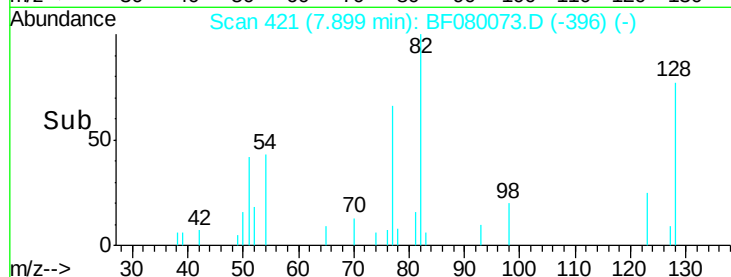
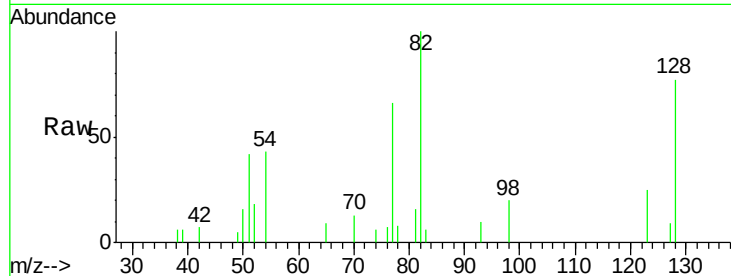




#24
 Nitrobenzene
 Concen: 1.60 ng
 RT: 7.90 min Scan# 421
 Delta R.T. -0.01 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

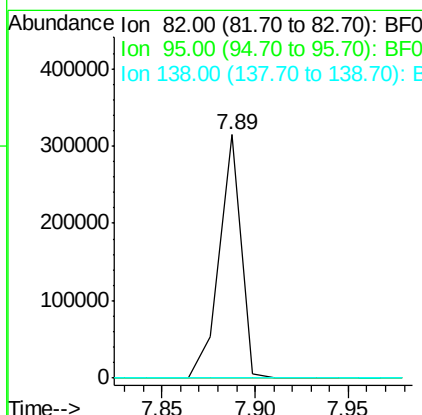
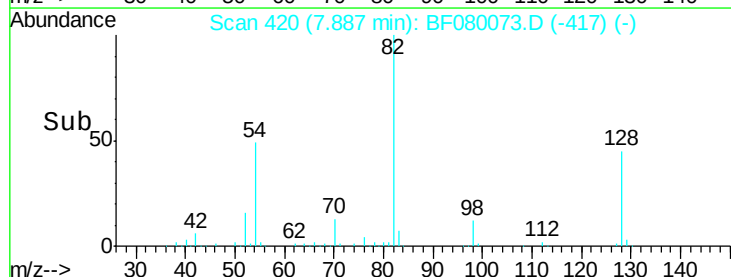
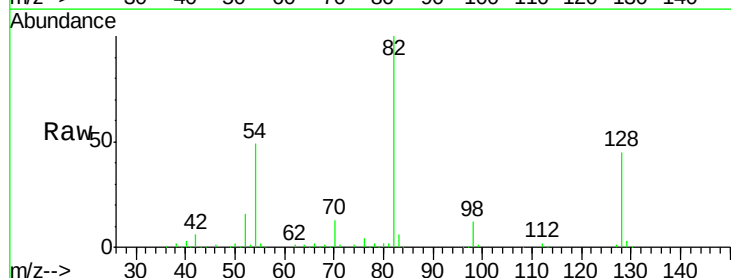
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

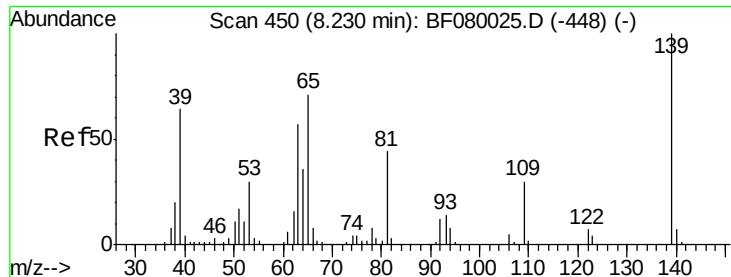
Tgt Ion: 77 Resp: 5635
 Ion Ratio Lower Upper
 77 100
 123 37.3 59.8 89.8#
 65 13.7 10.2 15.4



#25
 Isophorone
 Concen: 37.64 ng
 RT: 7.89 min Scan# 420
 Delta R.T. -0.26 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

Tgt Ion: 82 Resp: 257796
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#

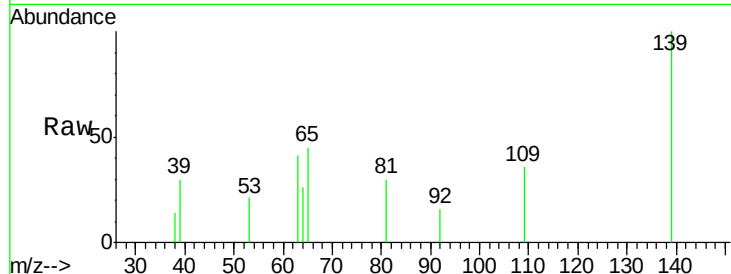




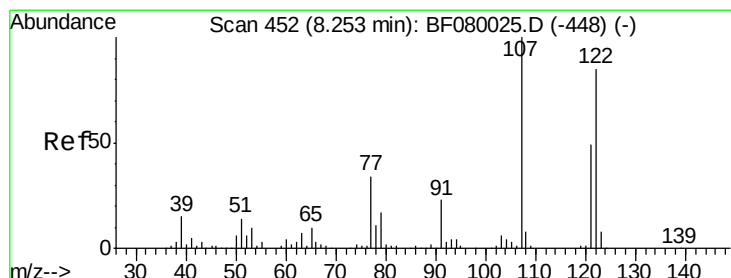
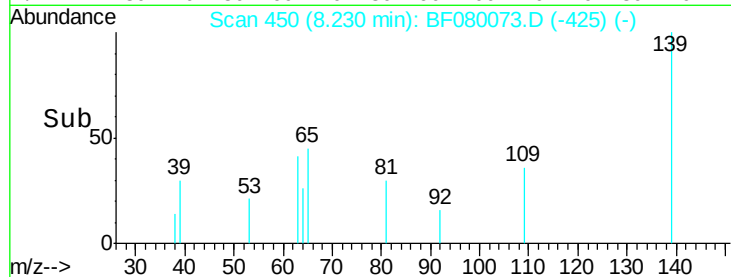
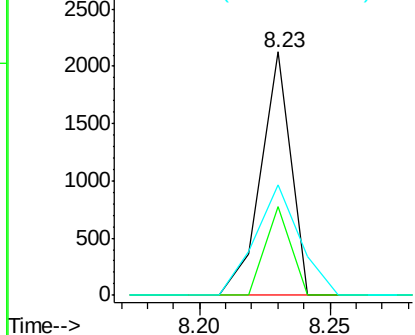
#26
2-Nitrophenol
Concen: 1.16 ng
RT: 8.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF080073.D
Acq: 20 Jun 2015 1:12

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:139 Resp: 1710
Ion Ratio Lower Upper
139 100
109 36.3 11.0 16.4#
65 45.5 24.7 37.1#

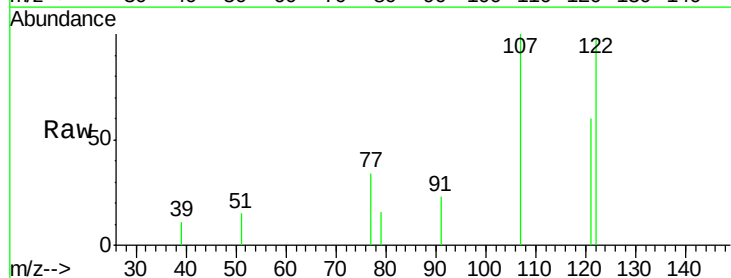


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

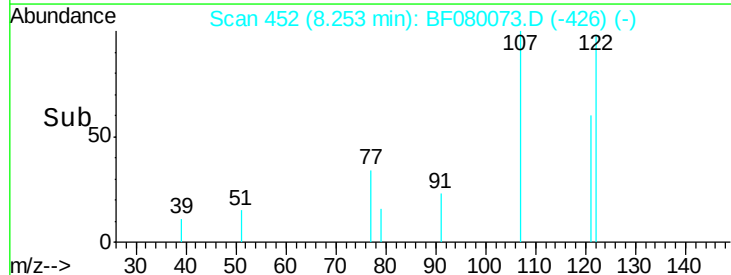
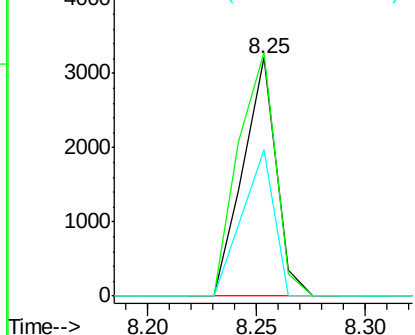


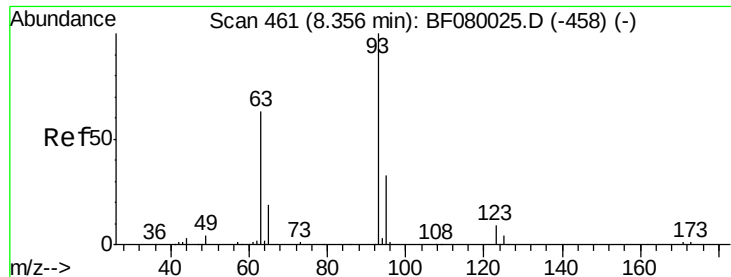
#27
2,4-Dimethylphenol
Concen: 1.11 ng
RT: 8.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF080073.D
Acq: 20 Jun 2015 1:12

Tgt Ion:122 Resp: 3413
Ion Ratio Lower Upper
122 100
107 102.3 71.8 107.6
121 61.6 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 1.39 ng

RT: 8.34 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF080073.D

Acq: 20 Jun 2015 1:12

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

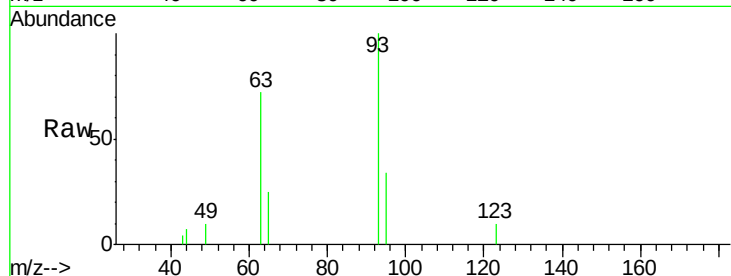
Tgt Ion: 93 Resp: 5587

Ion Ratio Lower Upper

93 100

95 33.7 27.5 41.3

123 9.7 13.7 20.5#

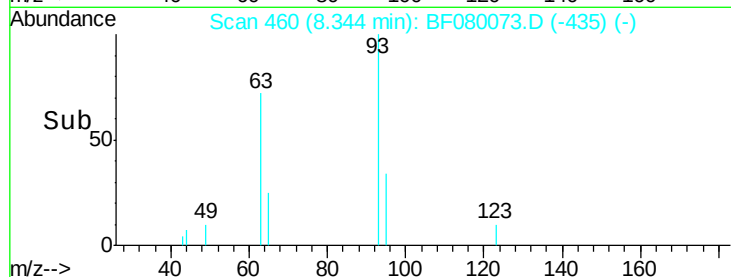


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Time-->



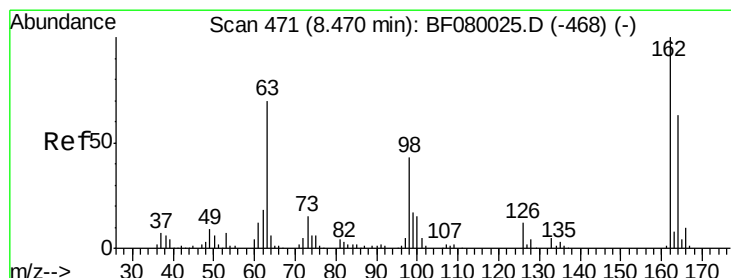
Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Time-->



#29

2,4-Dichlorophenol

Concen: 1.22 ng

RT: 8.47 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF080073.D

Acq: 20 Jun 2015 1:12

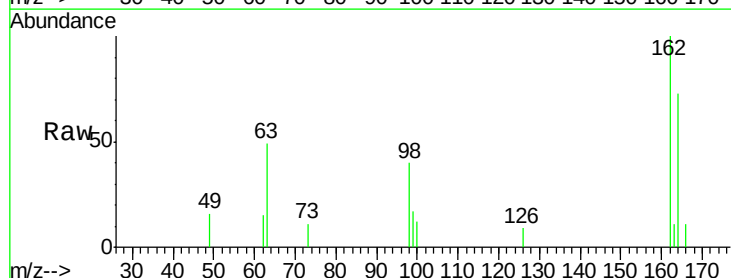
Tgt Ion: 162 Resp: 3210

Ion Ratio Lower Upper

162 100

164 73.2 44.9 84.9

98 40.2 13.0 53.0

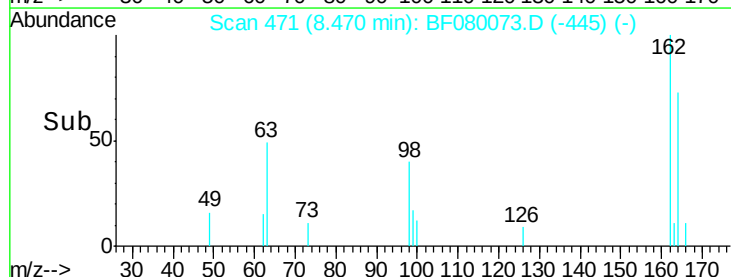


Abundance Ion 162.00 (161.70 to 162.70): BF0

Ion 164.00 (163.70 to 164.70): BF0

Ion 98.00 (97.70 to 98.70): BF0

Time-->



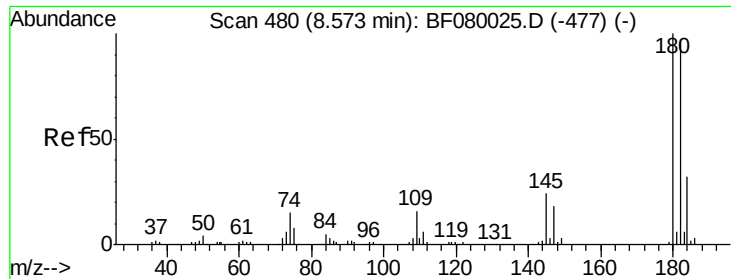
Abundance

Ion 162.00 (161.70 to 162.70): BF0

Ion 164.00 (163.70 to 164.70): BF0

Ion 98.00 (97.70 to 98.70): BF0

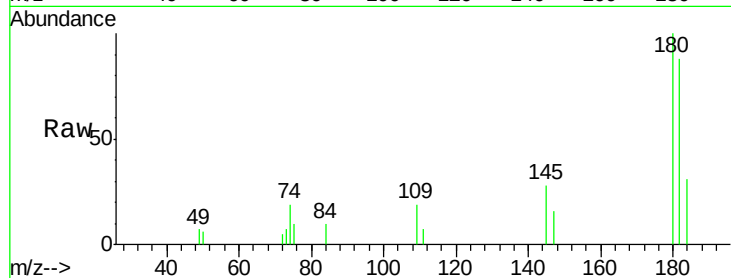
Time-->



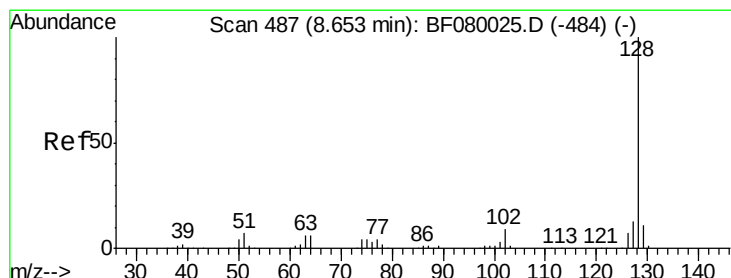
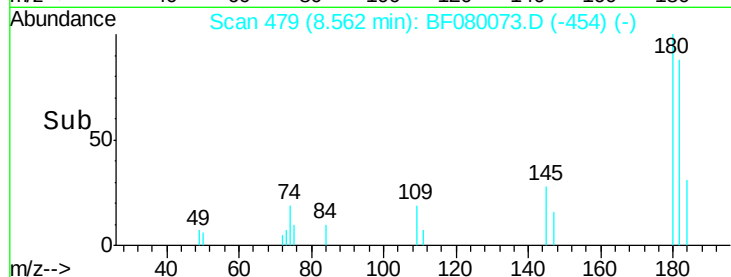
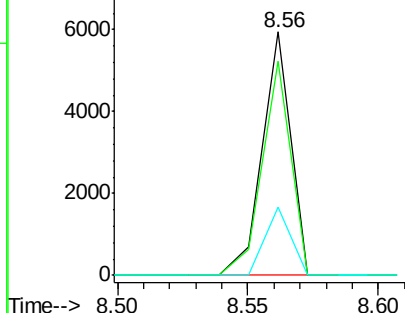
#30
1,2,4-Trichlorobenzene
Concen: 1.53 ng
RT: 8.56 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF080073.D
Acq: 20 Jun 2015 1:12

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:180 Resp: 4567
Ion Ratio Lower Upper
180 100
182 88.0 77.1 115.7
145 27.8 23.3 34.9

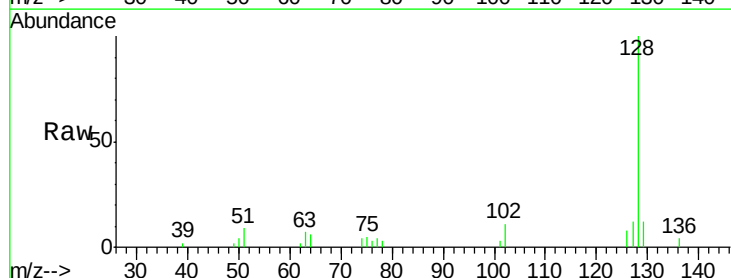


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

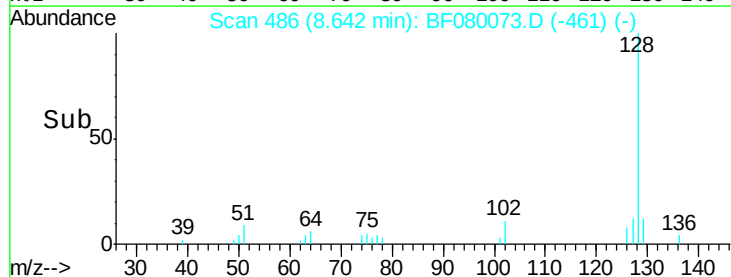
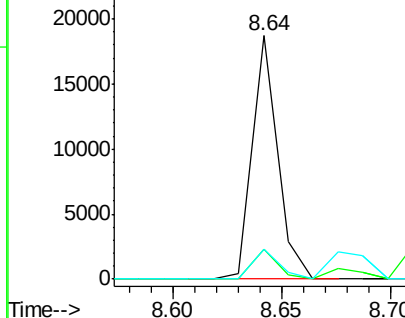


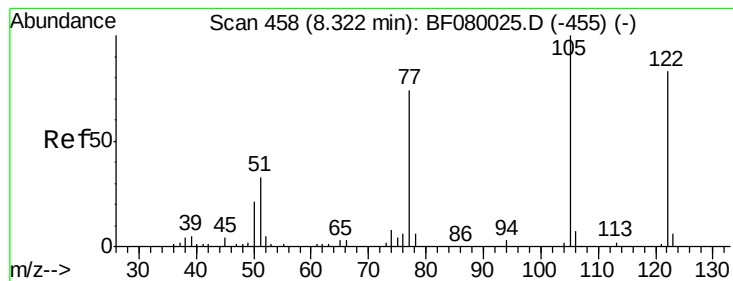
#31
Naphthalene
Concen: 1.46 ng
RT: 8.64 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF080073.D
Acq: 20 Jun 2015 1:12

Tgt Ion:128 Resp: 15163
Ion Ratio Lower Upper
128 100
129 12.0 8.4 12.6
127 12.2 9.9 14.9



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: 1.84 ng

RT: 8.25 min Scan# 452

Delta R.T. -0.08 min

Lab File: BF080073.D

Acq: 20 Jun 2015 1:12

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

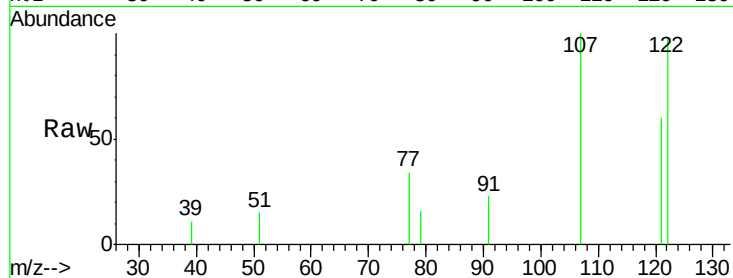
Tgt Ion:122 Resp: 3413

Ion Ratio Lower Upper

122 100

105 0.0 76.1 116.1#

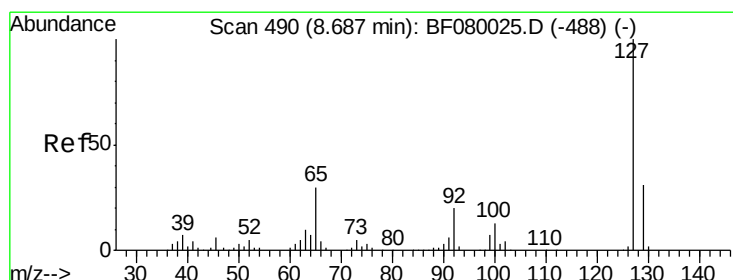
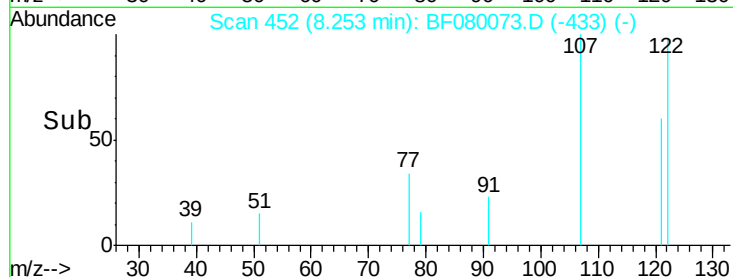
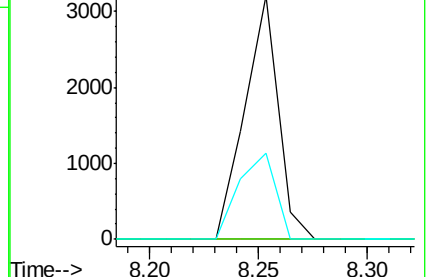
77 35.2 40.5 80.5#



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: 0.61 ng

RT: 8.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF080073.D

Acq: 20 Jun 2015 1:12

Tgt Ion:127 Resp: 2687

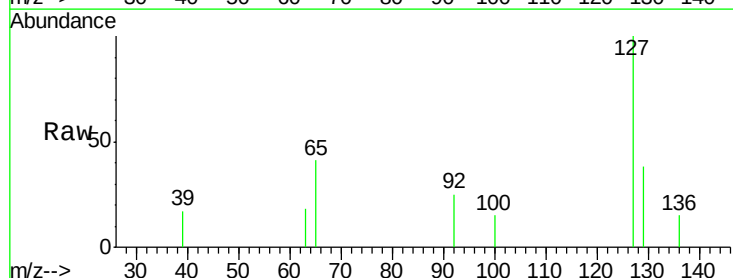
Ion Ratio Lower Upper

127 100

129 38.0 25.8 38.6

65 40.8 17.9 26.9#

92 25.3 10.5 15.7#

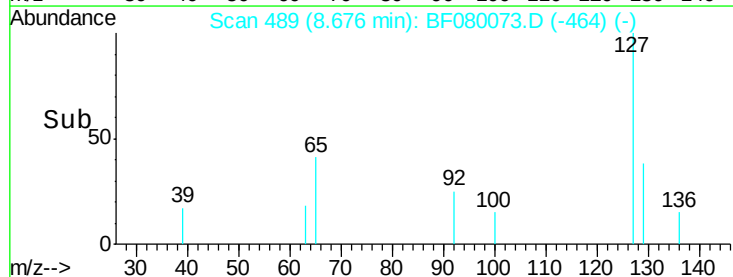
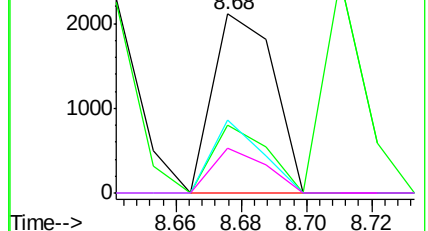


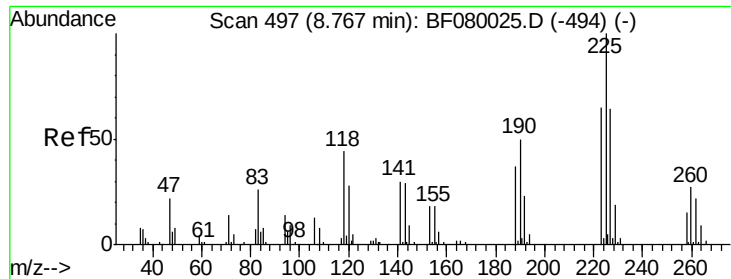
Abundance Ion 127.00 (126.70 to 127.70): E

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

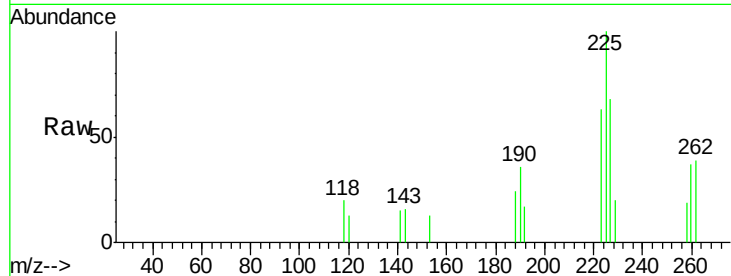




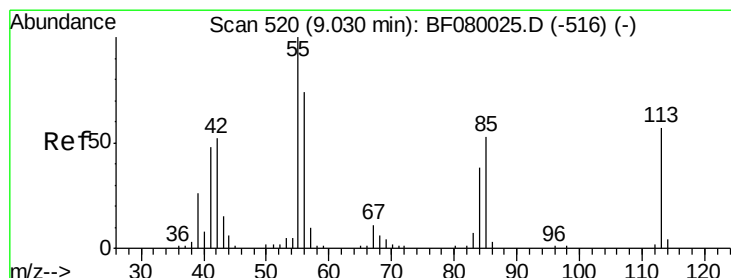
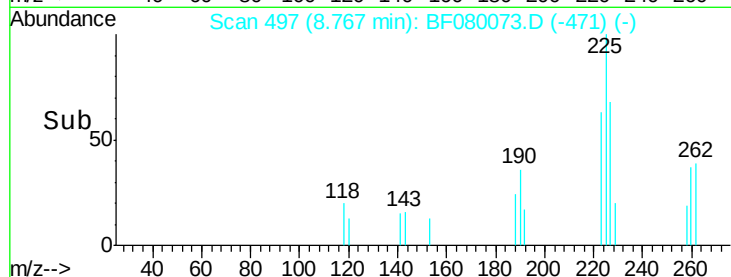
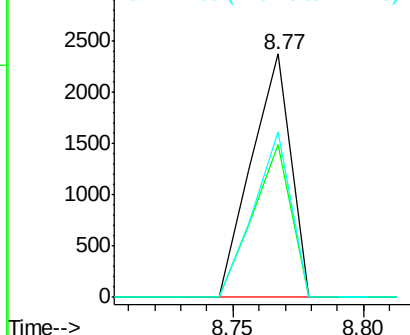
#34
Hexachlorobutadiene
Concen: 1.35 ng
RT: 8.77 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF080073.D
Acq: 20 Jun 2015 1:12

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion: 225 Resp: 2483
Ion Ratio Lower Upper
225 100
223 62.9 50.2 75.2
227 67.8 52.2 78.2

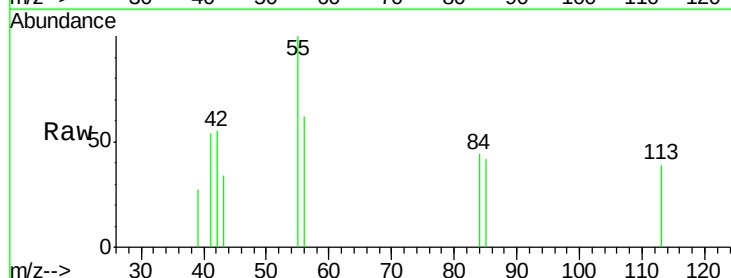


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

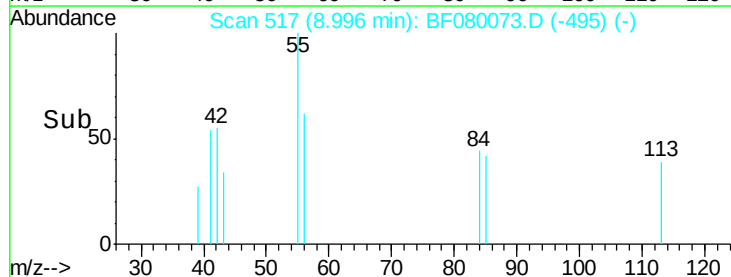
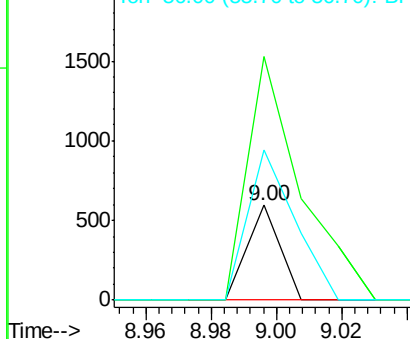


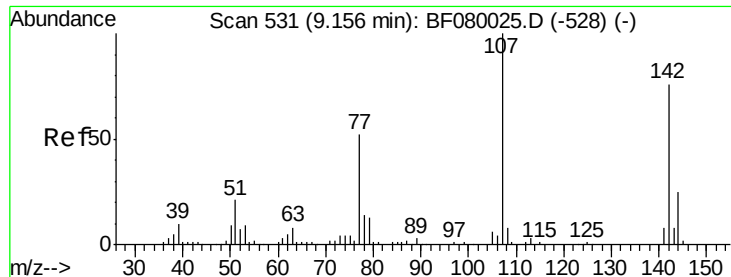
#35
Caprolactam
Concen: 0.48 ng
RT: 9.00 min Scan# 517
Delta R.T. -0.05 min
Lab File: BF080073.D
Acq: 20 Jun 2015 1:12

Tgt Ion: 113 Resp: 407
Ion Ratio Lower Upper
113 100
55 257.7 152.4 192.4#
56 158.9 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

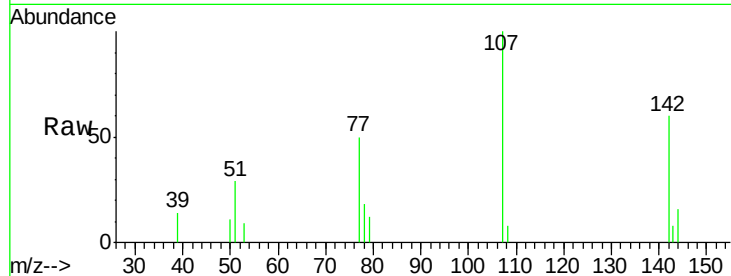




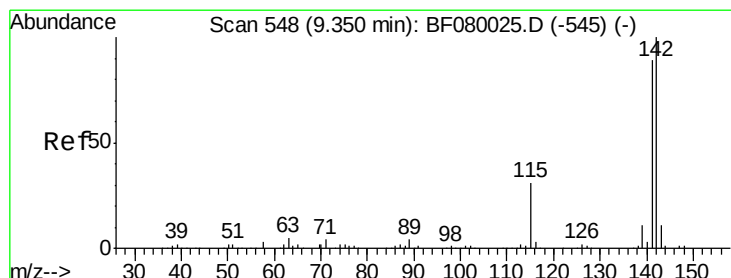
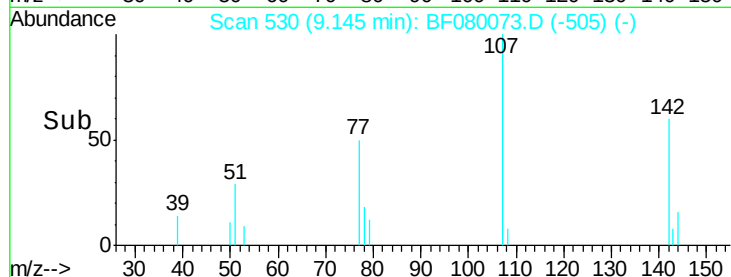
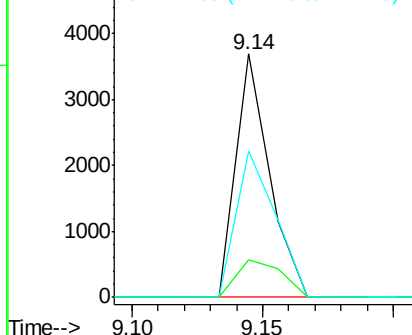
#36
 4-Chloro-3-methylphenol
 Concen: 1.12 ng
 RT: 9.14 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:107 Resp: 3324
 Ion Ratio Lower Upper
 107 100
 144 15.5 25.4 38.0#
 142 60.1 77.3 115.9#

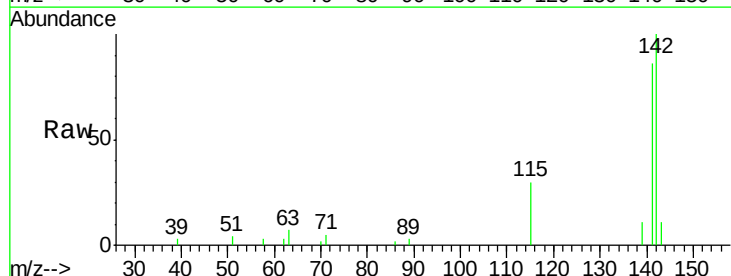


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

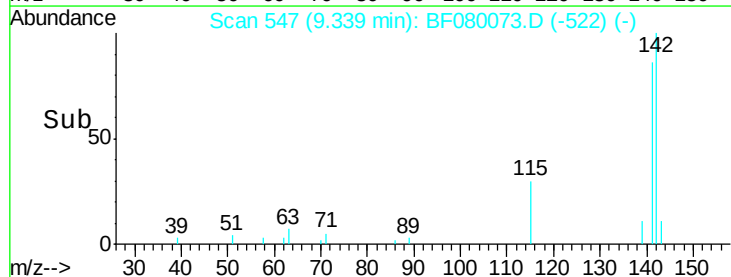
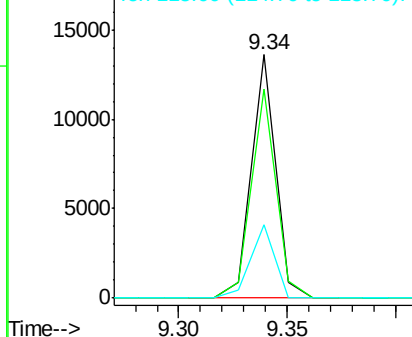


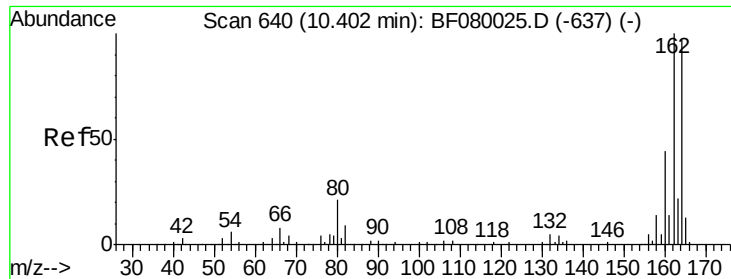
#37
 2-Methylnaphthalene
 Concen: 1.58 ng
 RT: 9.34 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

Tgt Ion:142 Resp: 10571
 Ion Ratio Lower Upper
 142 100
 141 85.9 67.5 101.3
 115 30.1 18.2 27.2#



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

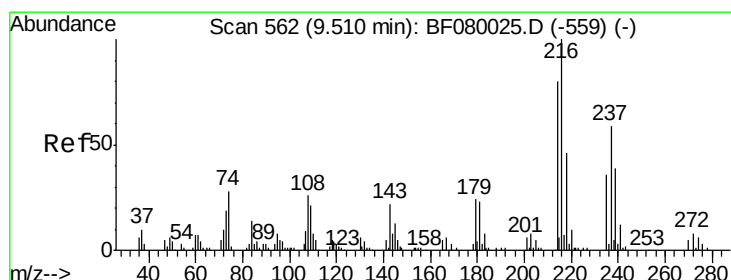
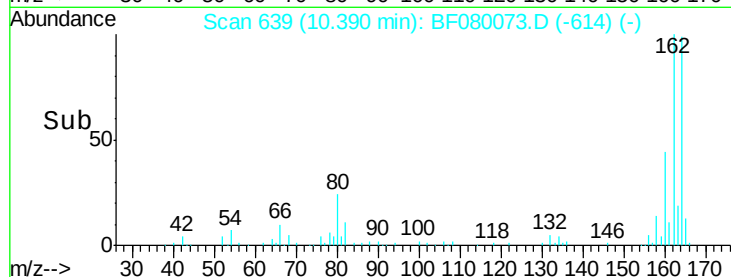
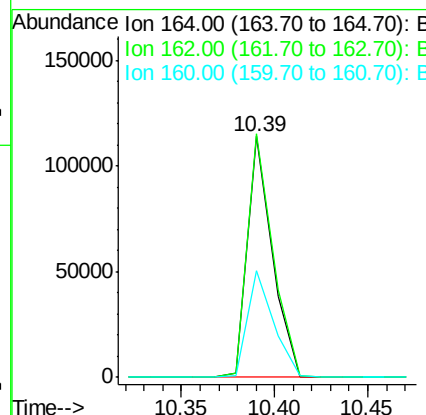
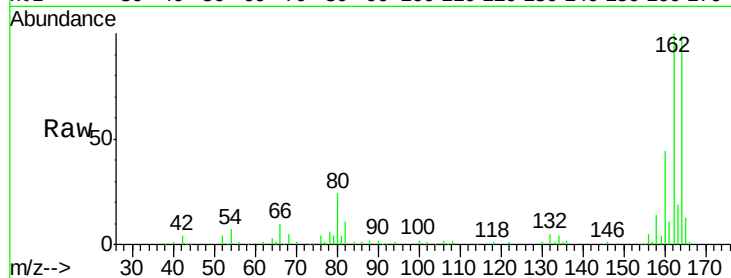




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.39 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

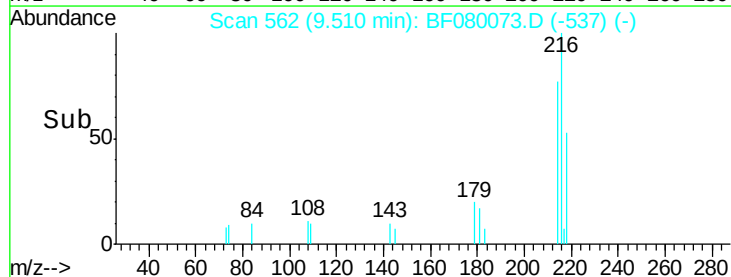
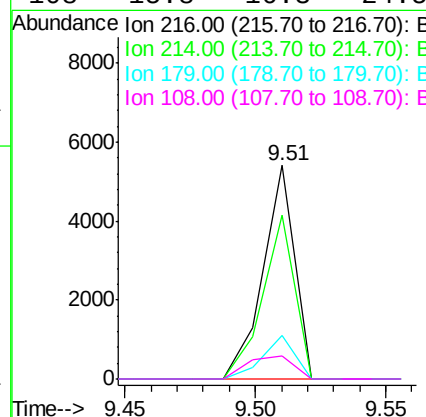
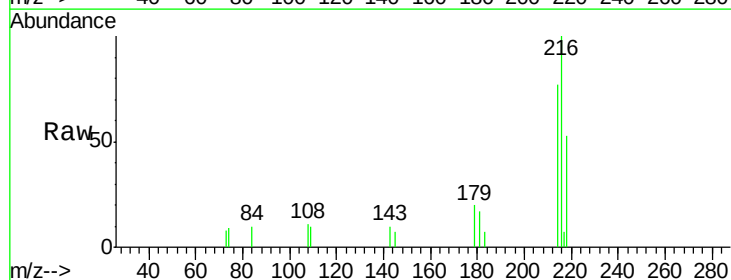
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

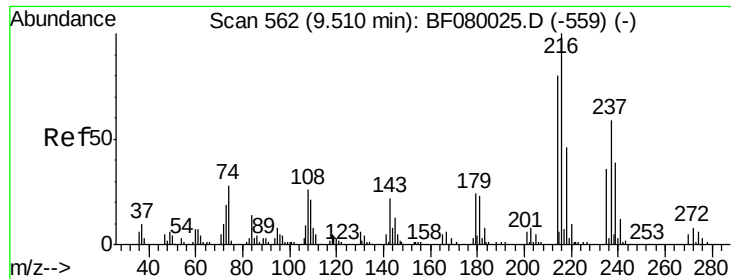
Tgt Ion:164 Resp: 105656
 Ion Ratio Lower Upper
 164 100
 162 101.2 75.2 112.8
 160 44.3 31.5 47.3



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 1.49 ng
 RT: 9.51 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

Tgt Ion:216 Resp: 4595
 Ion Ratio Lower Upper
 216 100
 214 78.1 63.5 95.3
 179 20.8 16.6 24.8
 108 15.8 16.3 24.5#

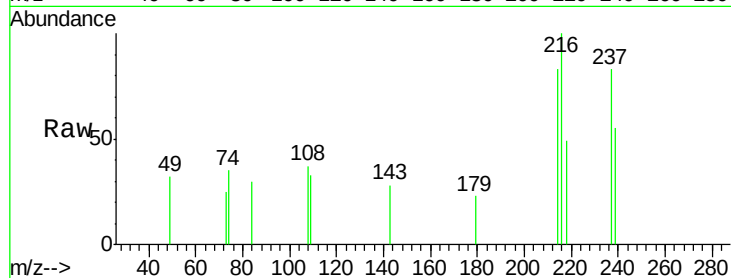




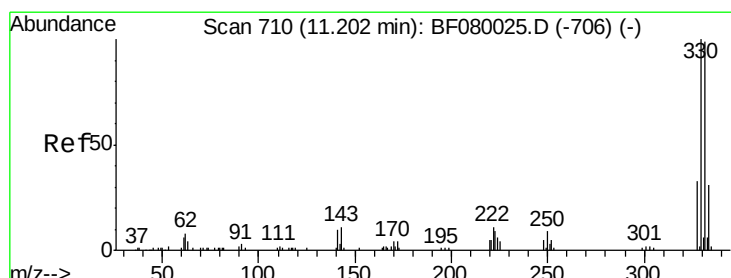
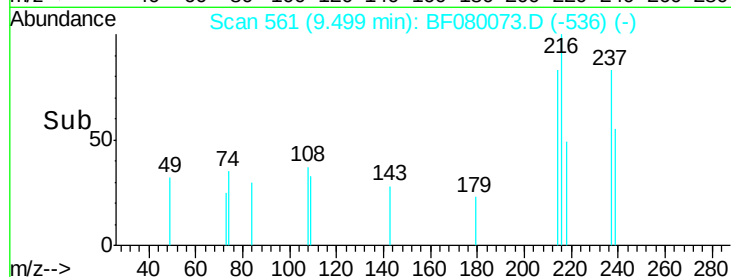
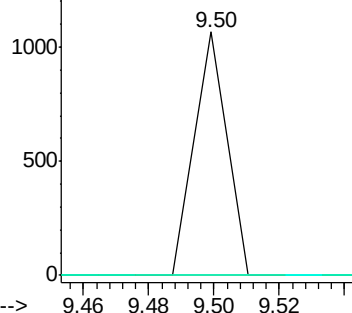
#40
Hexachlorocyclopentadiene
Concen: 6.67 ng
RT: 9.50 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF080073.D
Acq: 20 Jun 2015 1:12

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion: 237 Resp: 732
Ion Ratio Lower Upper
237 100
235 0.0 42.0 82.0#
272 0.0 0.0 36.1

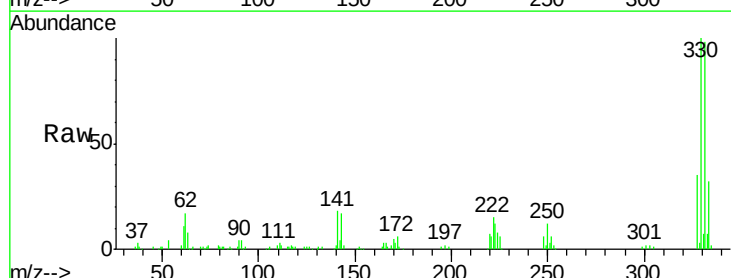


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

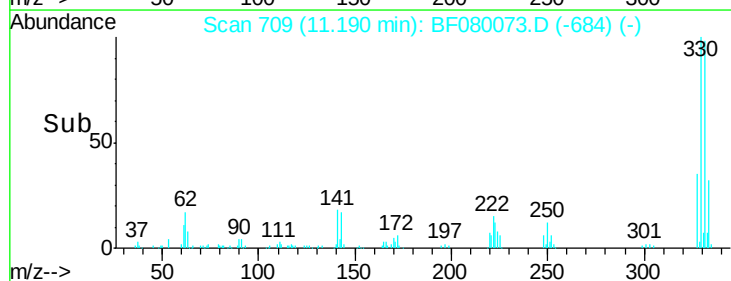
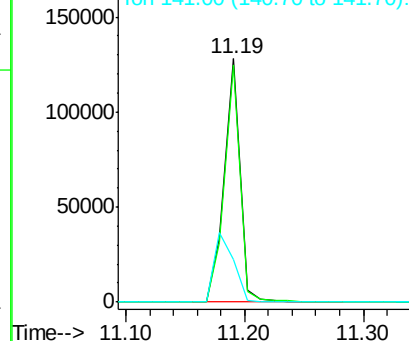


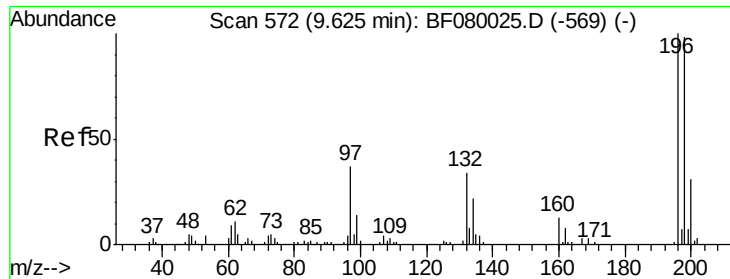
#41
2,4,6-Tribromophenol
Concen: 113.95 ng
RT: 11.19 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF080073.D
Acq: 20 Jun 2015 1:12

Tgt Ion: 330 Resp: 117729
Ion Ratio Lower Upper
330 100
332 96.3 76.6 114.8
141 35.5 29.7 44.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

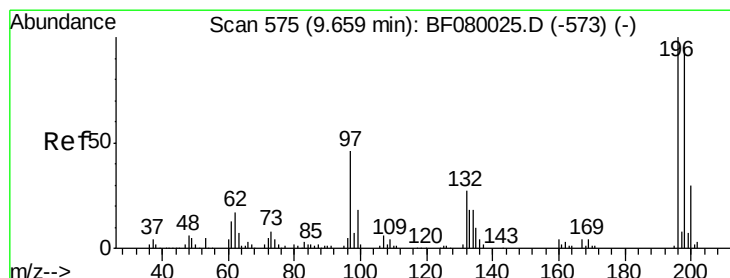
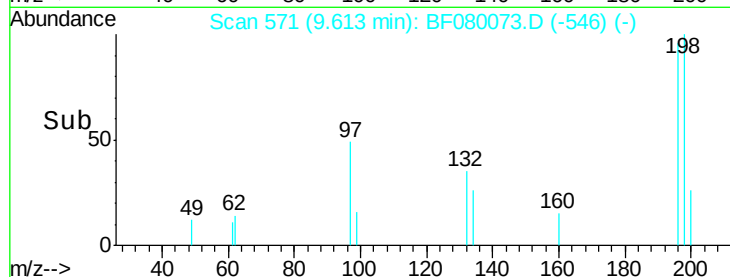
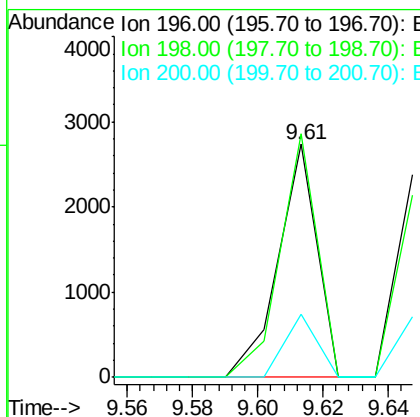
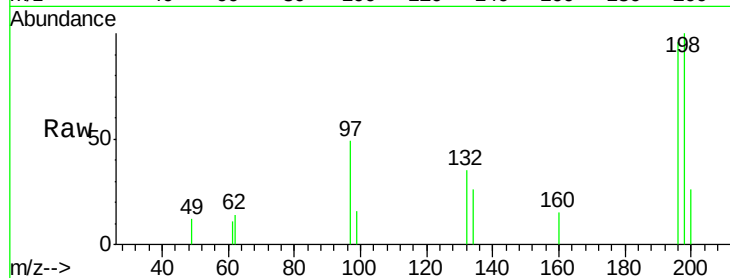




#42
 2,4,6-Trichlorophenol
 Concen: 1.08 ng
 RT: 9.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

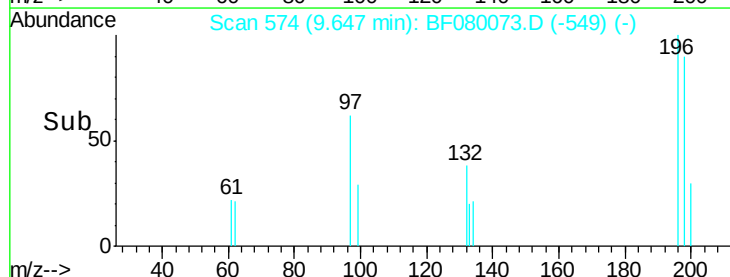
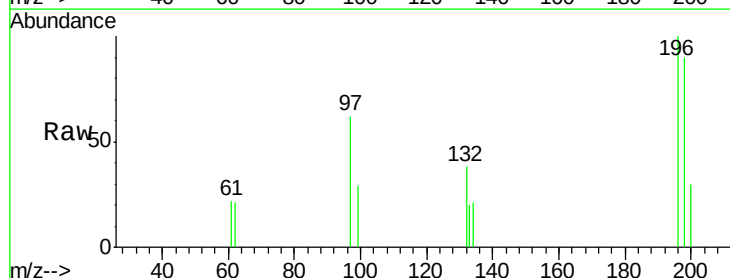
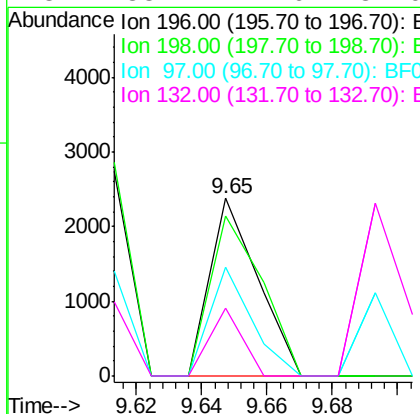
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

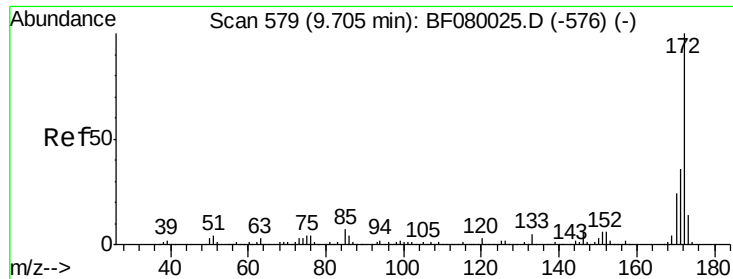
Tgt Ion:196 Resp: 2262
 Ion Ratio Lower Upper
 196 100
 198 104.5 75.7 113.5
 200 27.1 23.9 35.9



#43
 2,4,5-Trichlorophenol
 Concen: 1.00 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

Tgt Ion:196 Resp: 2401
 Ion Ratio Lower Upper
 196 100
 198 90.0 75.4 113.0
 97 61.6 33.3 49.9#
 132 38.2 24.6 37.0#

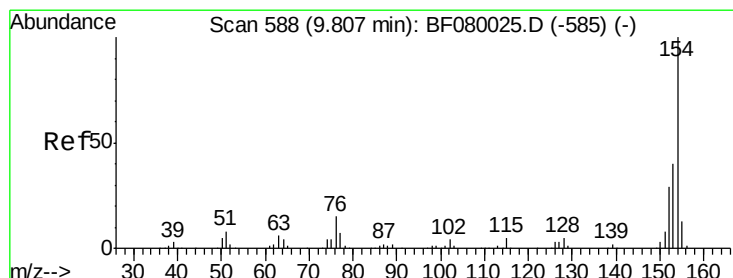
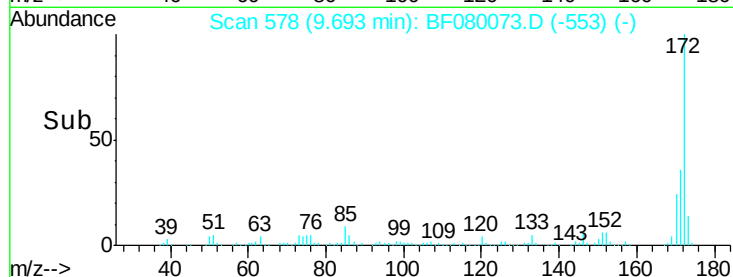
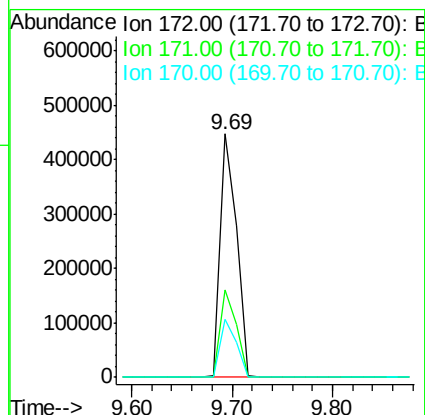
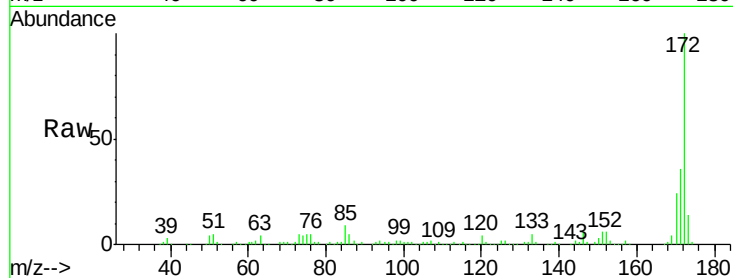




#44
 2-Fluorobiphenyl
 Concen: 68.25 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

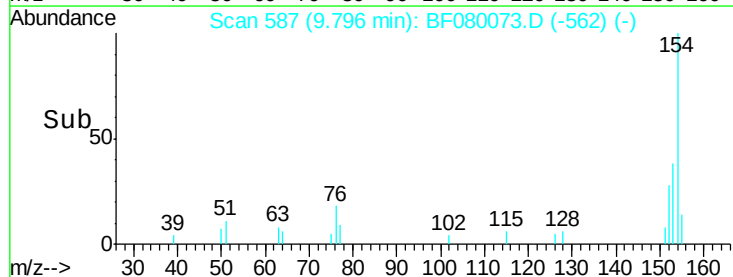
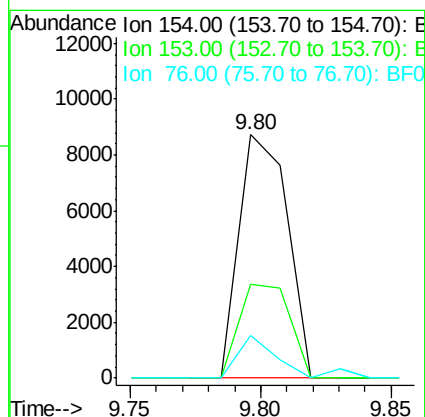
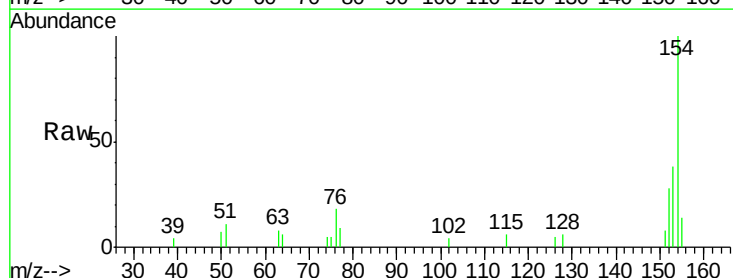
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

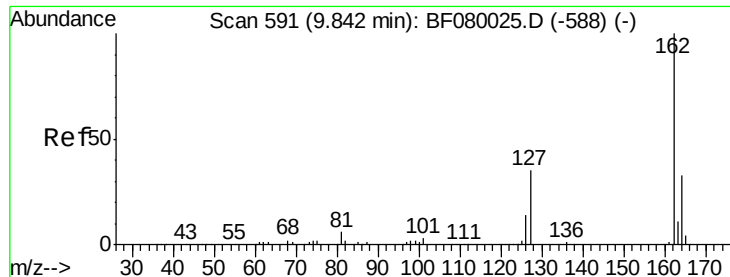
Tgt Ion:172 Resp: 505630
 Ion Ratio Lower Upper
 172 100
 171 35.8 26.1 39.1
 170 24.0 17.4 26.2



#45
 1,1'-Biphenyl
 Concen: 1.30 ng
 RT: 9.80 min Scan# 587
 Delta R.T. -0.01 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

Tgt Ion:154 Resp: 11217
 Ion Ratio Lower Upper
 154 100
 153 38.5 17.1 57.1
 76 17.5 0.0 31.6

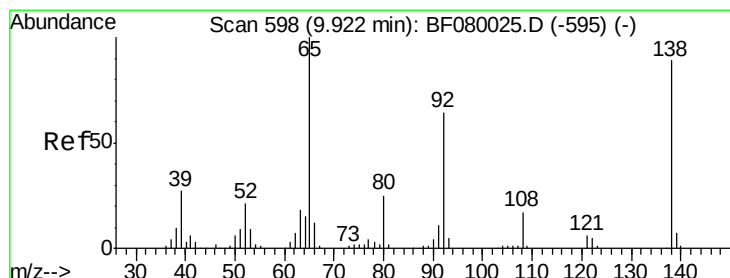
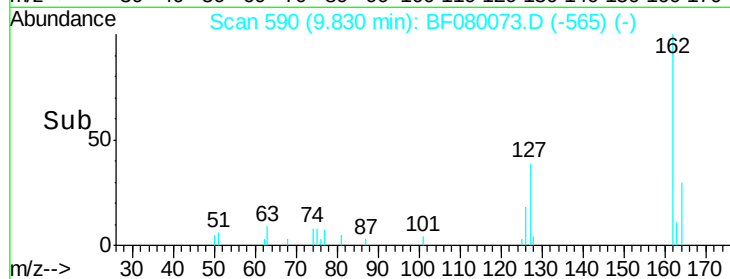
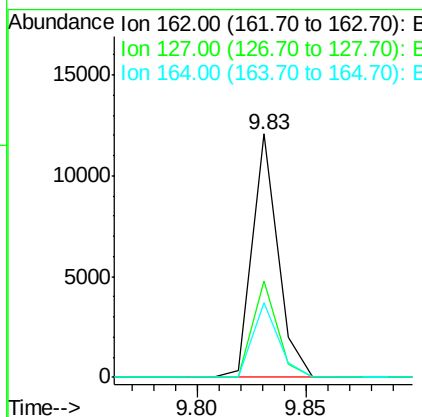
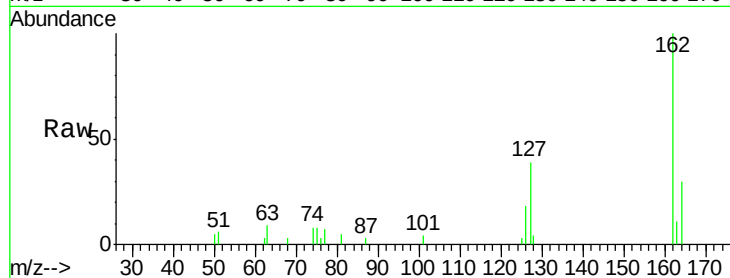




#46
 2-Chloronaphthalene
 Concen: 1.41 ng
 RT: 9.83 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

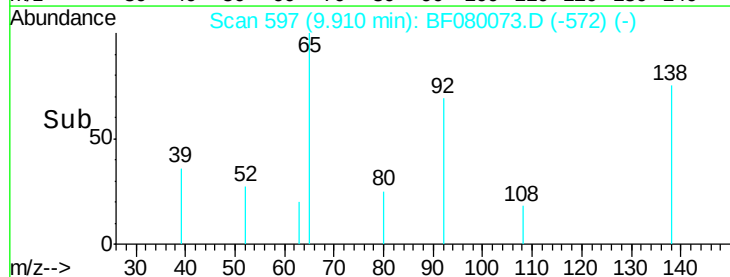
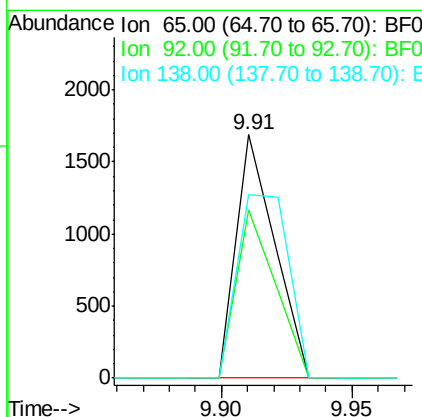
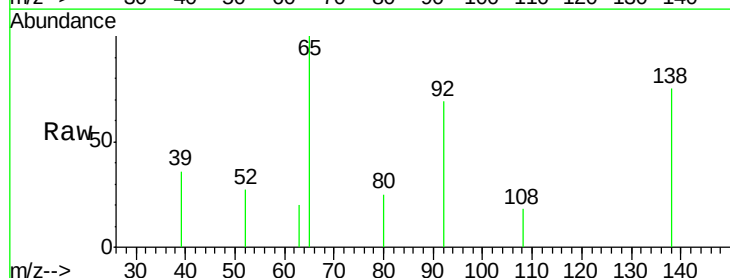
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

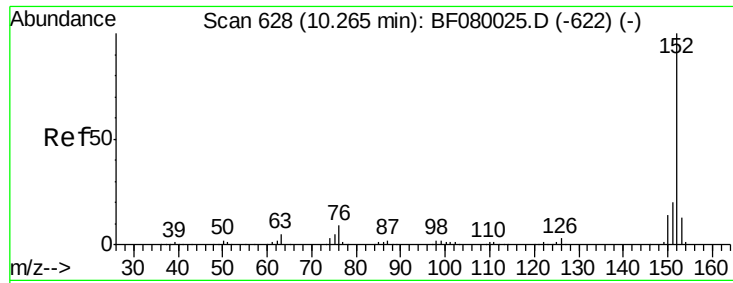
Tgt Ion: 162 Resp: 9849
 Ion Ratio Lower Upper
 162 100
 127 39.4 27.6 41.4
 164 30.5 25.4 38.2



#47
 2-Nitroaniline
 Concen: 0.91 ng
 RT: 9.91 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

Tgt Ion: 65 Resp: 1741
 Ion Ratio Lower Upper
 65 100
 92 69.1 55.4 83.0
 138 75.4 115.5 173.3#





#48

Acenaphthylene

Concen: 1.27 ng

RT: 10.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF080073.D

Acq: 20 Jun 2015 1:12

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

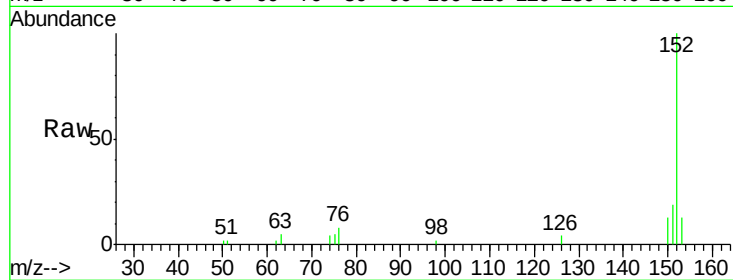
Tgt Ion:152 Resp: 14809

Ion Ratio Lower Upper

152 100

151 19.4 14.6 22.0

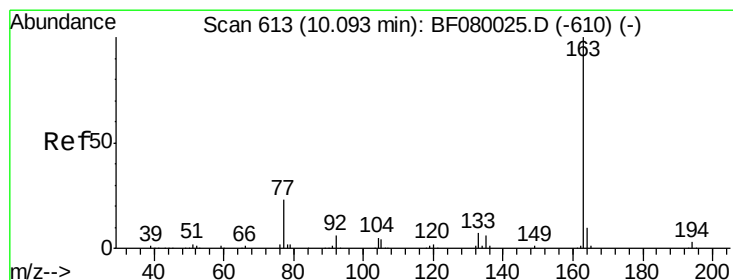
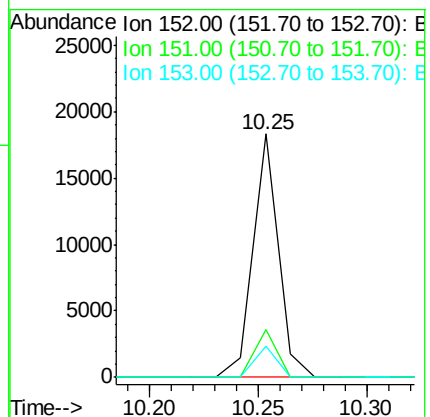
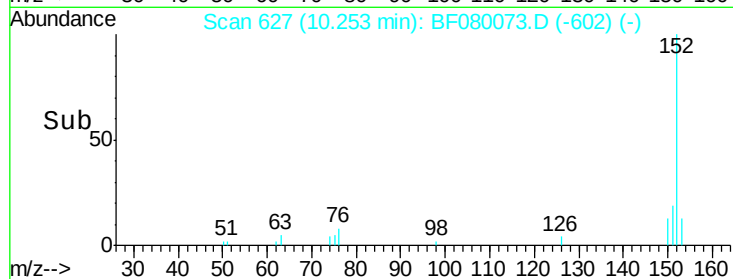
153 12.9 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 1.37 ng

RT: 10.08 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF080073.D

Acq: 20 Jun 2015 1:12

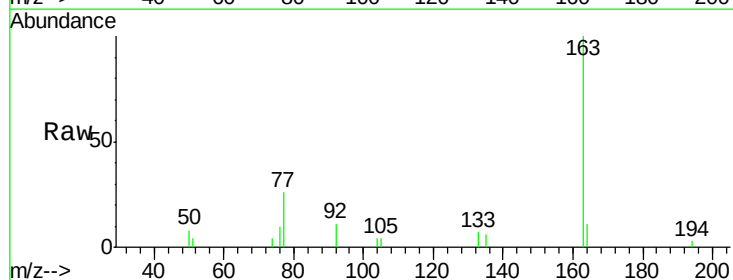
Tgt Ion:163 Resp: 10875

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

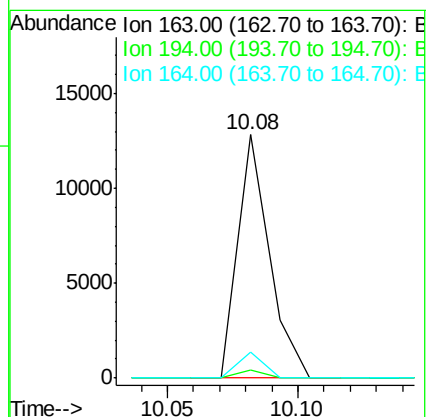
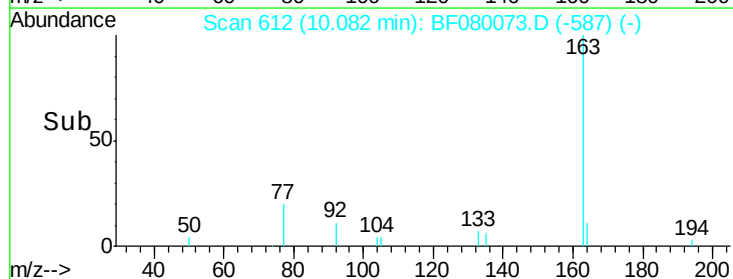
164 10.6 8.3 12.5

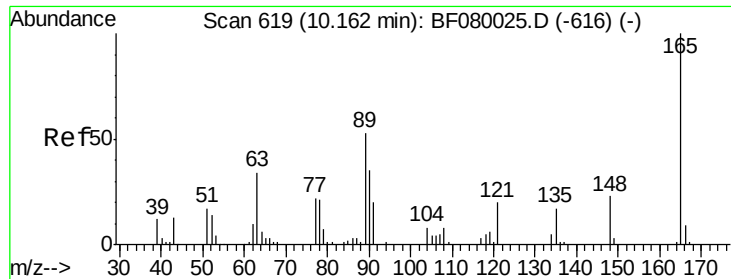


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

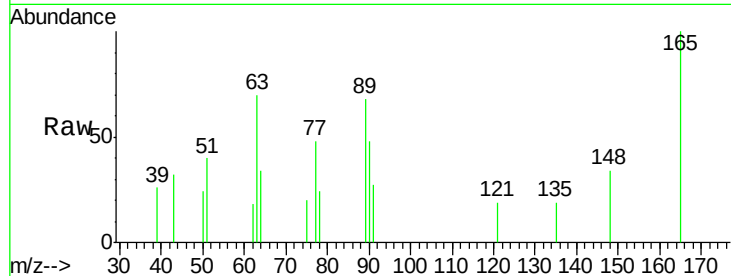




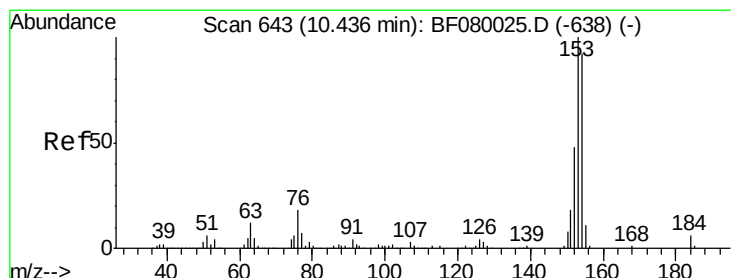
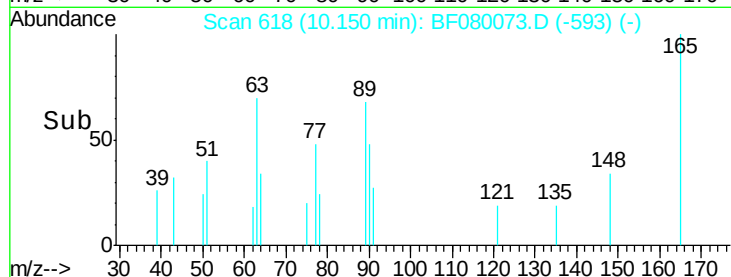
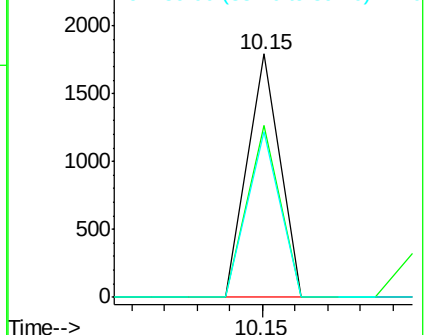
#50
 2,6-Dinitrotoluene
 Concen: 0.77 ng
 RT: 10.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:165 Resp: 1230
 Ion Ratio Lower Upper
 165 100
 63 70.5 32.3 48.5#
 89 68.0 28.6 43.0#

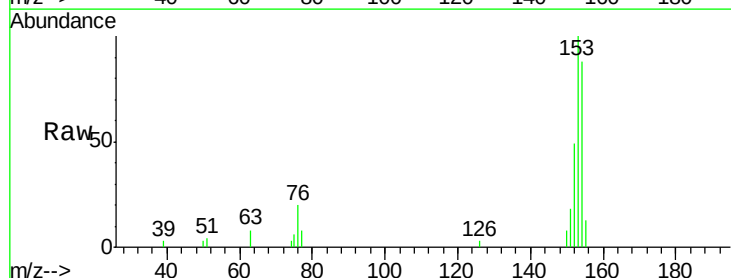


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

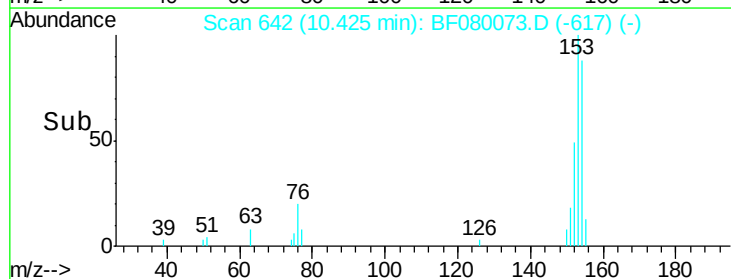
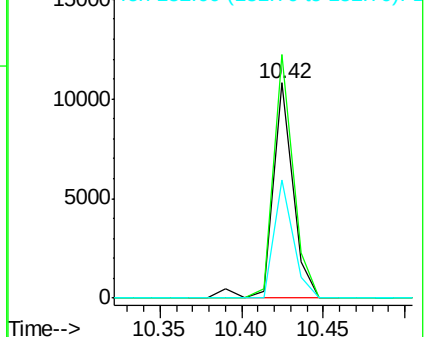


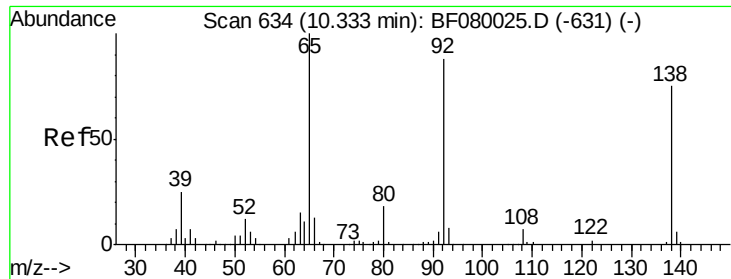
#51
 Acenaphthene
 Concen: 1.29 ng
 RT: 10.42 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

Tgt Ion:154 Resp: 9221
 Ion Ratio Lower Upper
 154 100
 153 113.1 82.1 123.1
 152 55.1 37.9 56.9



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

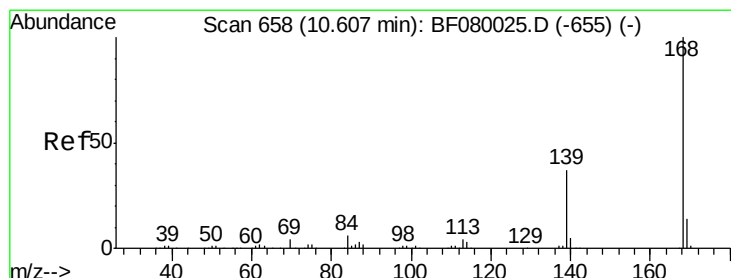
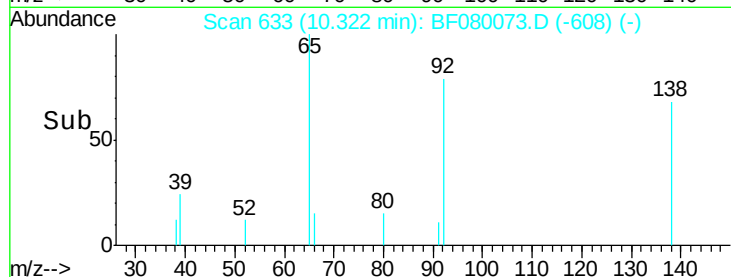
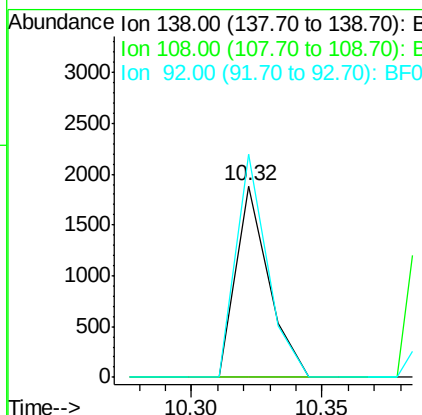
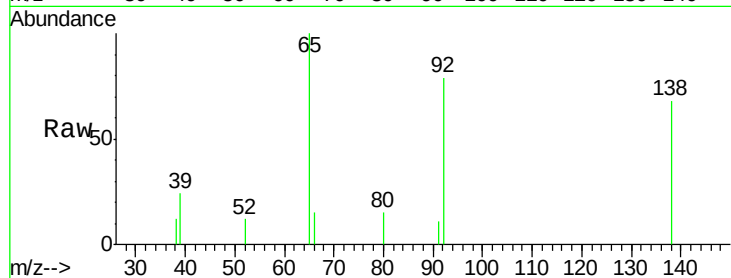




#52
 3-Nitroaniline
 Concen: 0.90 ng
 RT: 10.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

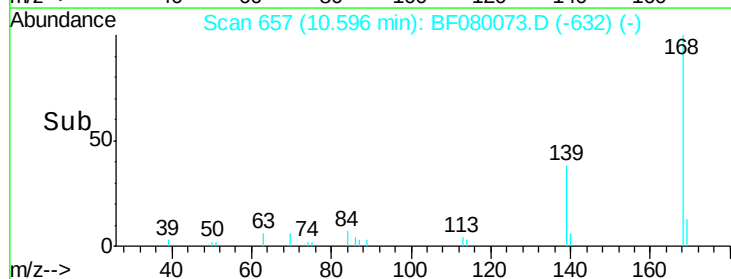
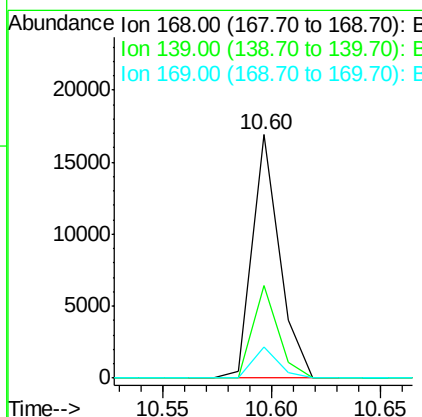
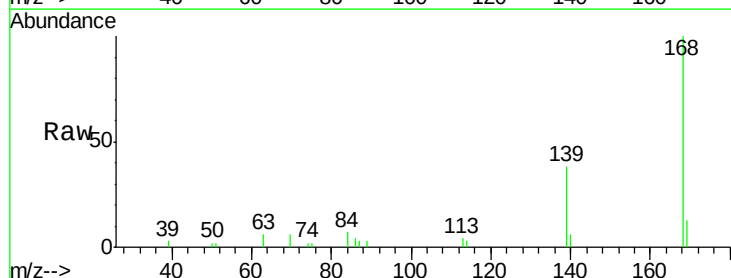
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

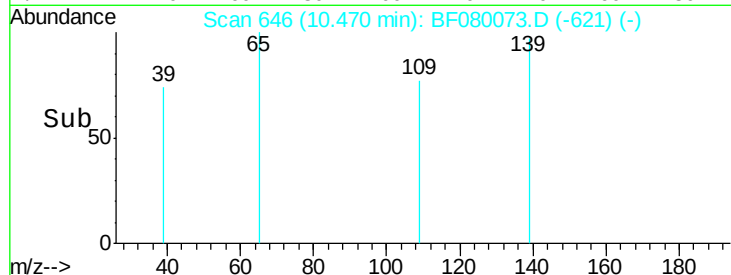
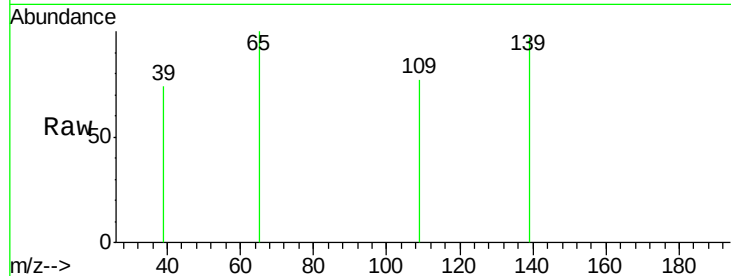
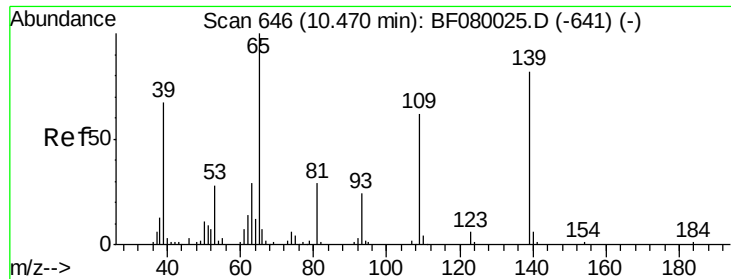
Tgt Ion:138 Resp: 1657
 Ion Ratio Lower Upper
 138 100
 108 0.0 5.7 8.5#
 92 116.4 67.7 101.5#



#54
 Dibenzofuran
 Concen: 1.45 ng
 RT: 10.60 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

Tgt Ion:168 Resp: 14668
 Ion Ratio Lower Upper
 168 100
 139 37.9 24.2 36.2#
 169 13.0 10.6 15.8





#55

4-Nitrophenol

Concen: 0.53 ng

RT: 10.47 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF080073.D

Acq: 20 Jun 2015 1:12

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

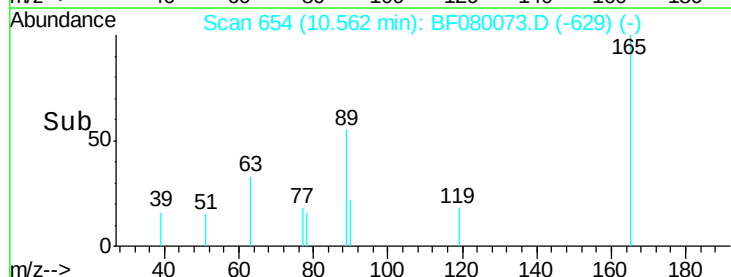
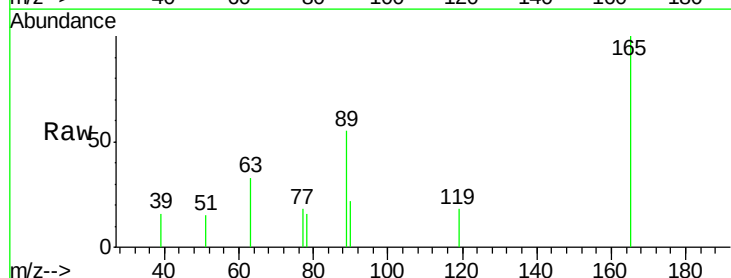
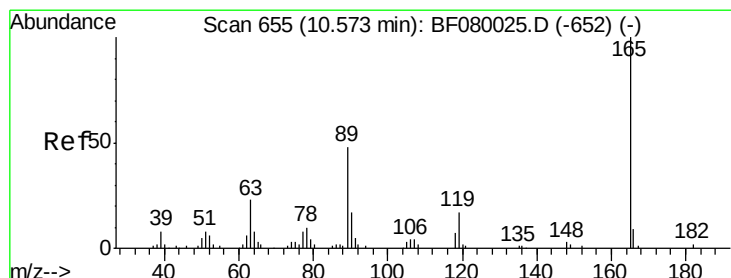
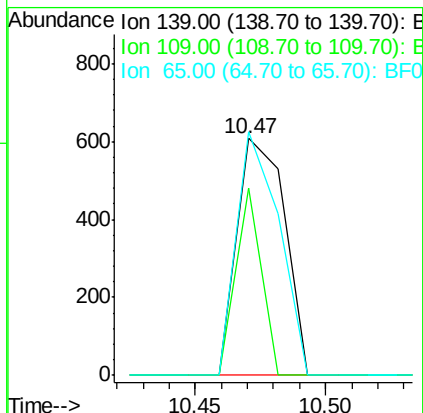
Tgt Ion:139 Resp: 780

Ion Ratio Lower Upper

139 100

109 79.3 12.7 52.7#

65 102.8 45.9 85.9#



#56

2,4-Dinitrotoluene

Concen: 0.86 ng

RT: 10.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF080073.D

Acq: 20 Jun 2015 1:12

Tgt Ion:165 Resp: 1744

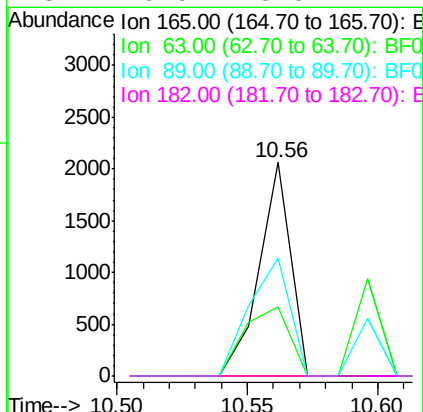
Ion Ratio Lower Upper

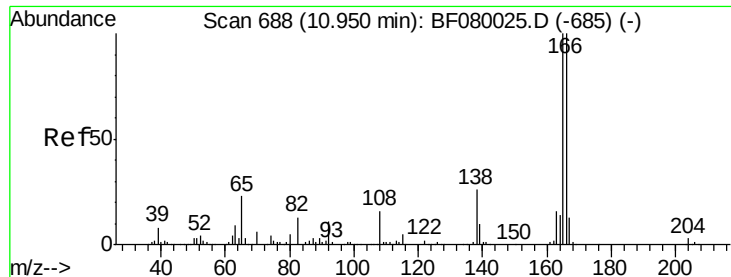
165 100

63 32.7 29.8 44.6

89 54.8 44.5 66.7

182 0.0 3.0 4.4#

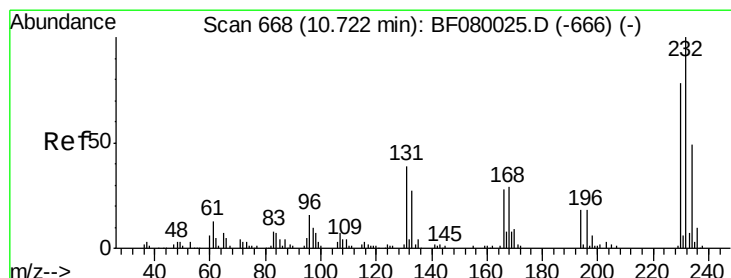
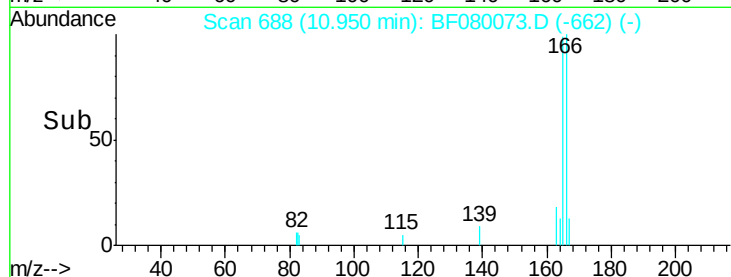
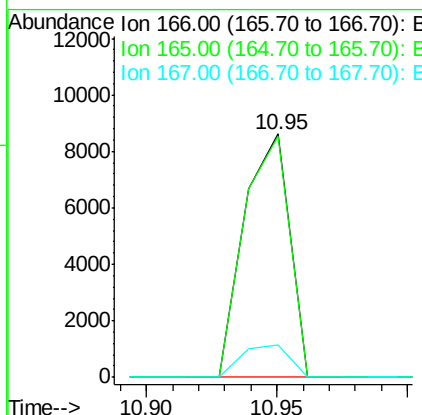
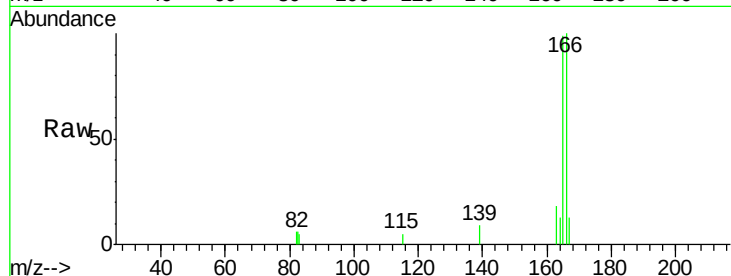




#57
 Fluorene
 Concen: 1.31 ng
 RT: 10.95 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

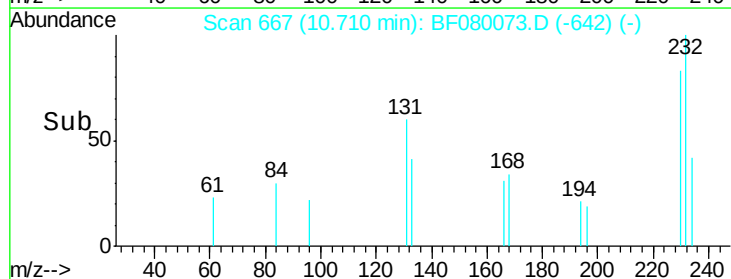
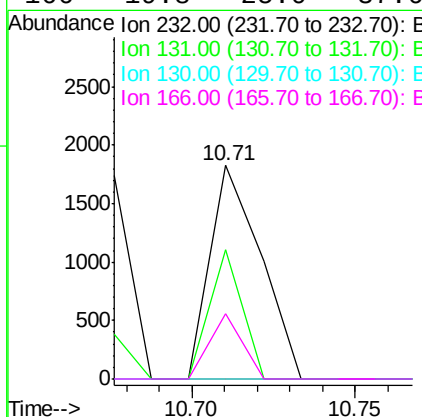
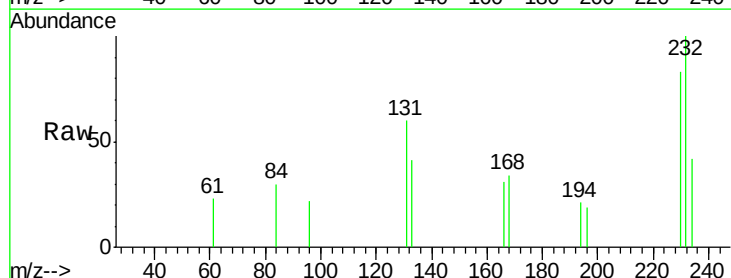
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

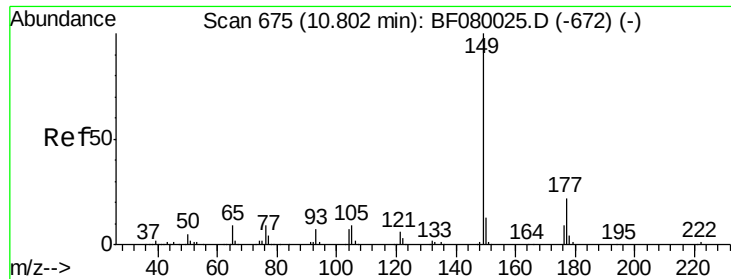
Tgt Ion:166 Resp: 10493
 Ion Ratio Lower Upper
 166 100
 165 98.9 72.6 109.0
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.96 ng
 RT: 10.71 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

Tgt Ion:232 Resp: 1945
 Ion Ratio Lower Upper
 232 100
 131 38.9 38.5 57.7
 130 0.0 1.8 2.6#
 166 19.8 25.0 37.6#

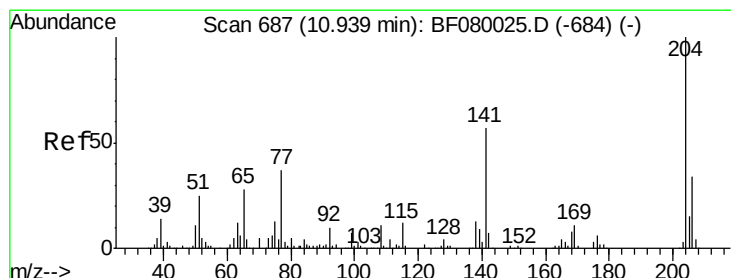
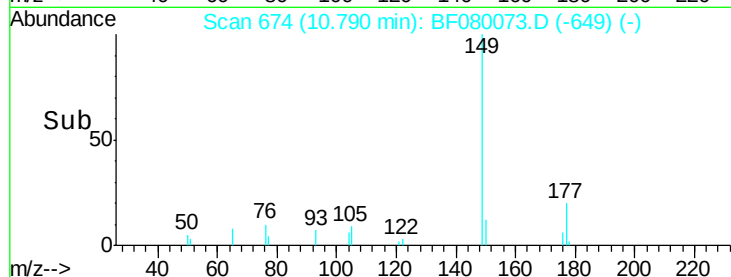
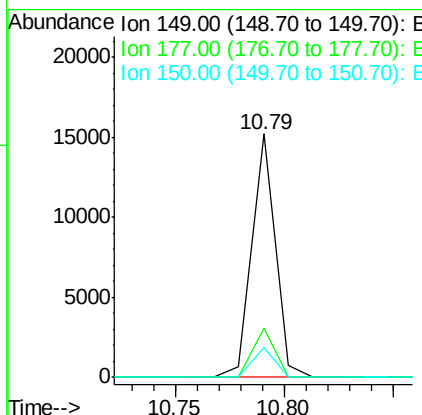
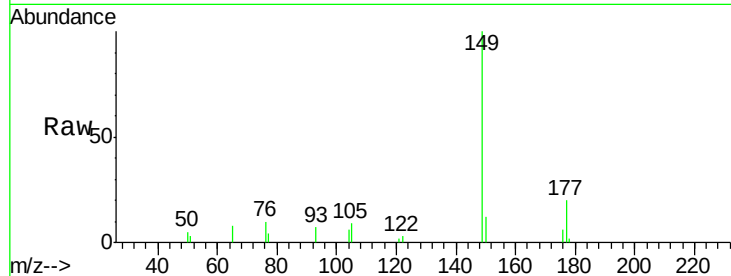




#59
Diethylphthalate
Concen: 1.43 ng
RT: 10.79 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF080073.D
Acq: 20 Jun 2015 1:12

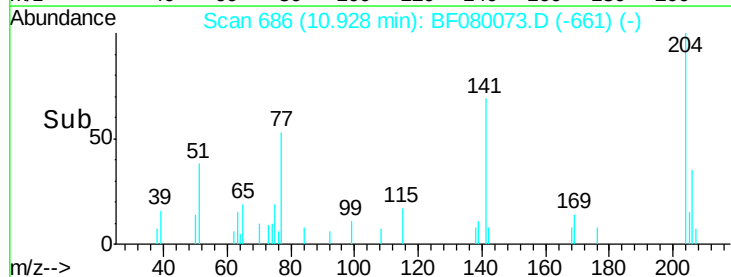
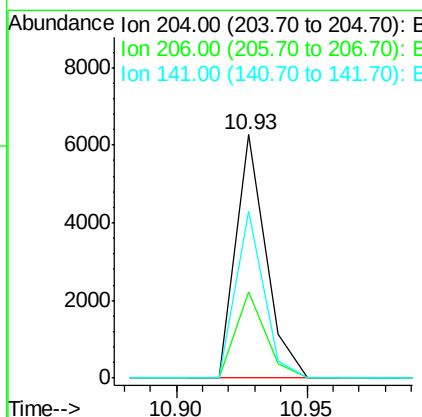
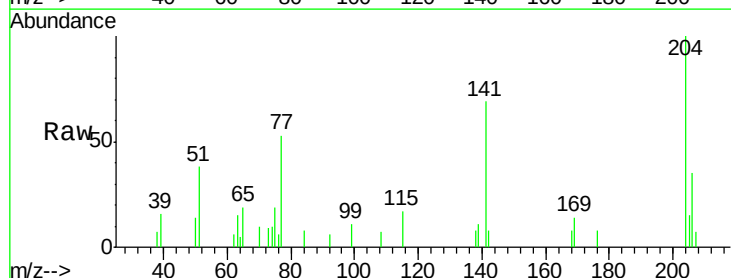
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

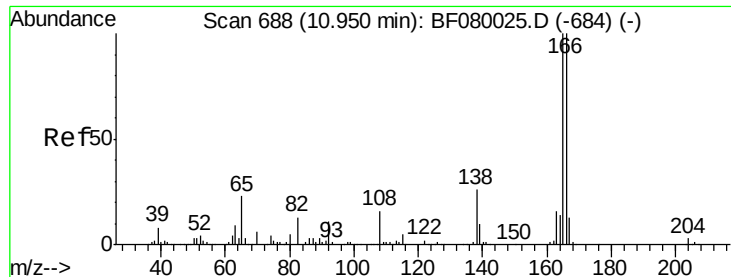
Tgt Ion:149 Resp: 11426
Ion Ratio Lower Upper
149 100
177 20.2 17.5 26.3
150 12.1 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 1.32 ng
RT: 10.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF080073.D
Acq: 20 Jun 2015 1:12

Tgt Ion:204 Resp: 5075
Ion Ratio Lower Upper
204 100
206 35.4 24.8 37.2
141 68.7 42.2 63.4#





#61

4-Nitroaniline

Concen: 0.77 ng

RT: 10.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF080073.D

Acq: 20 Jun 2015 1:12

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

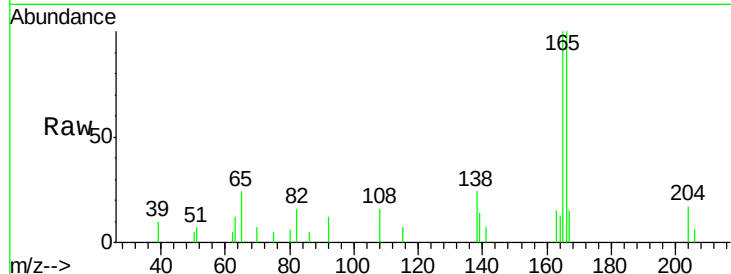
Tgt Ion:138 Resp: 1470

Ion Ratio Lower Upper

138 100

92 49.8 12.6 52.6

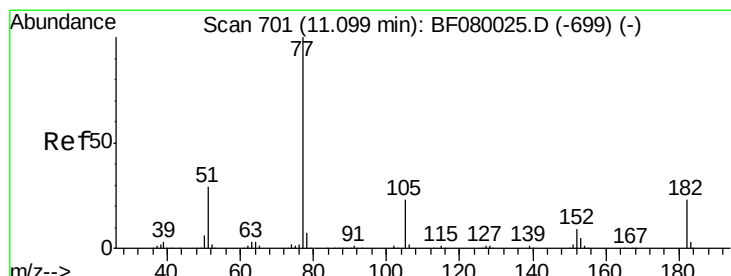
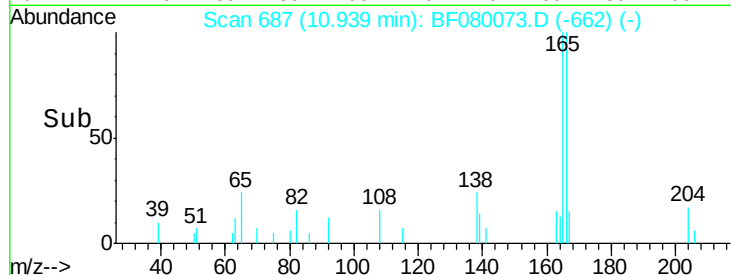
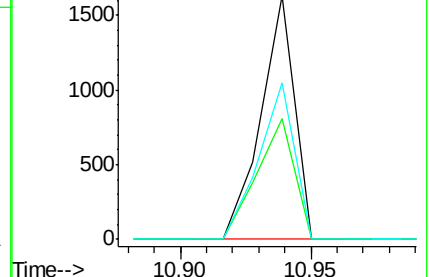
108 64.3 12.4 52.4#



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: 1.22 ng

RT: 11.09 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF080073.D

Acq: 20 Jun 2015 1:12

Tgt Ion: 77 Resp: 9950

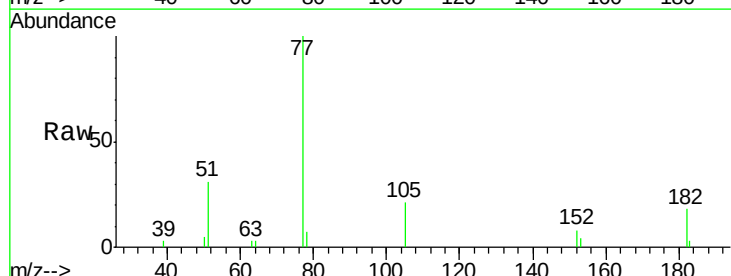
Ion Ratio Lower Upper

77 100

182 18.1 15.1 55.1

105 21.3 3.4 43.4

51 30.7 12.0 52.0

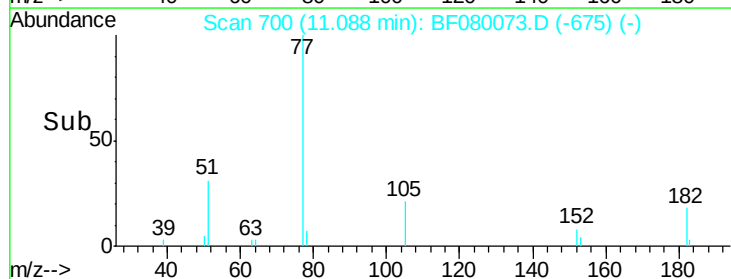
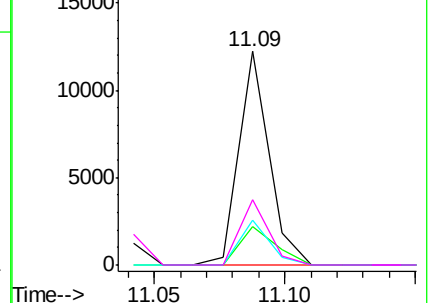


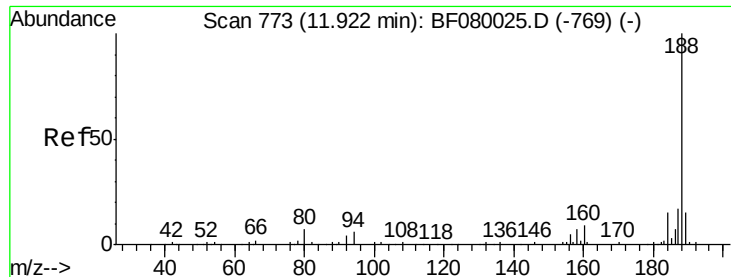
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

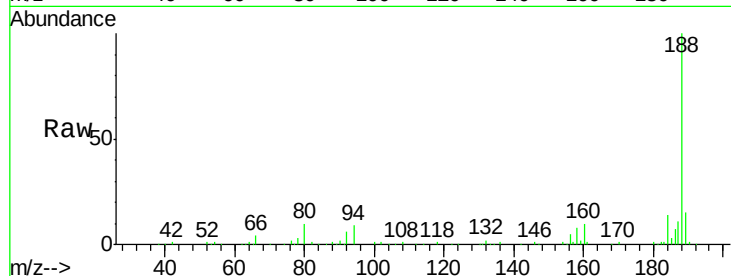




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.90 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

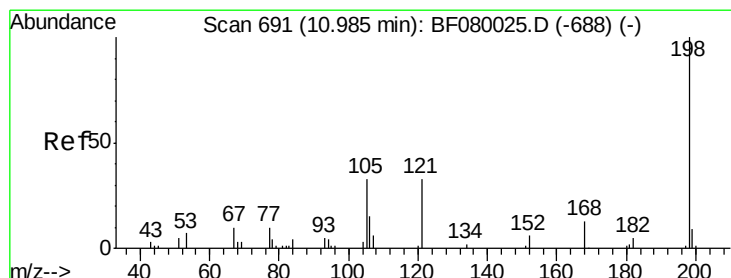
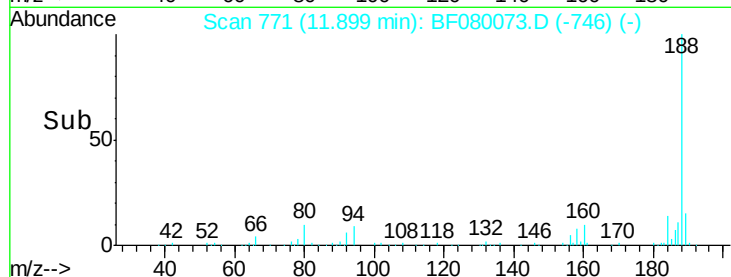
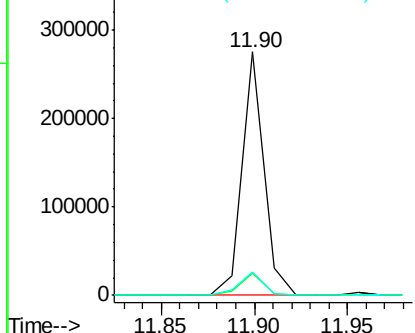
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	11.1	16.7#
80	9.6	11.0	16.4#



Abundance Ion 188.00 (187.70 to 188.70): E

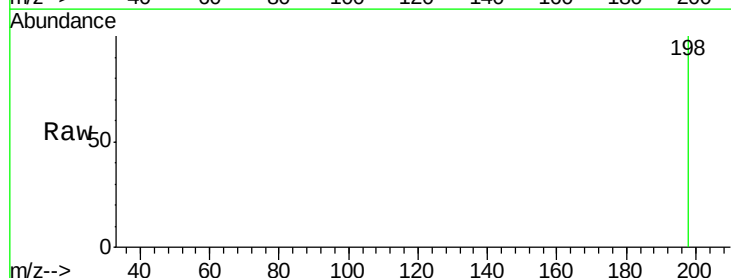
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.82 ng
 RT: 10.97 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

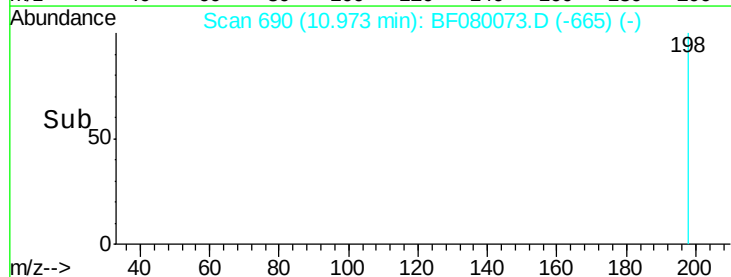
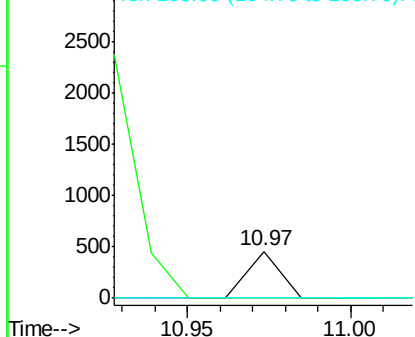
Tgt Ion	Ratio	Lower	Upper
198	100		
51	0.0	39.6	79.6#
105	0.0	28.5	68.5#

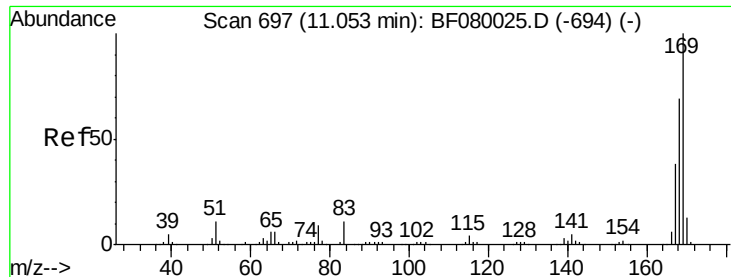


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

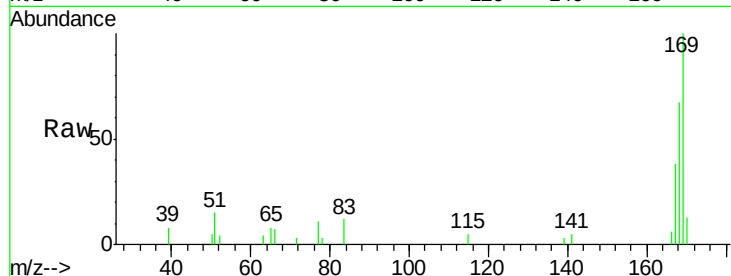




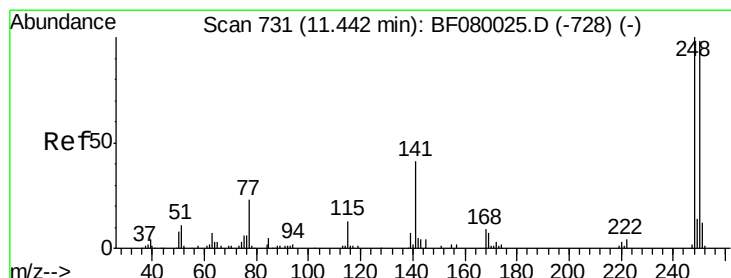
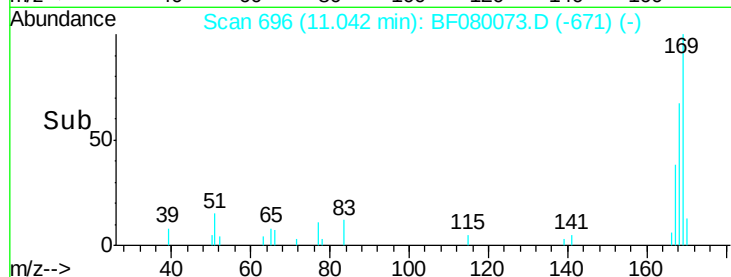
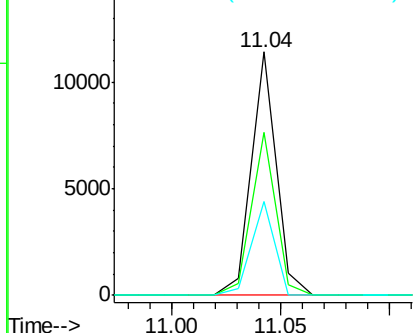
#65
 n-Nitrosodiphenylamine
 Concen: 1.23 ng
 RT: 11.04 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:169 Resp: 9101
 Ion Ratio Lower Upper
 169 100
 168 67.1 48.9 73.3
 167 38.3 26.2 39.4

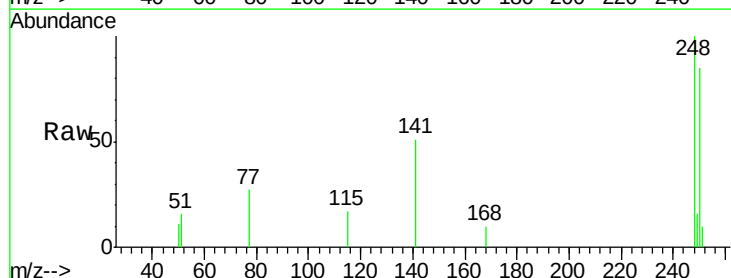


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

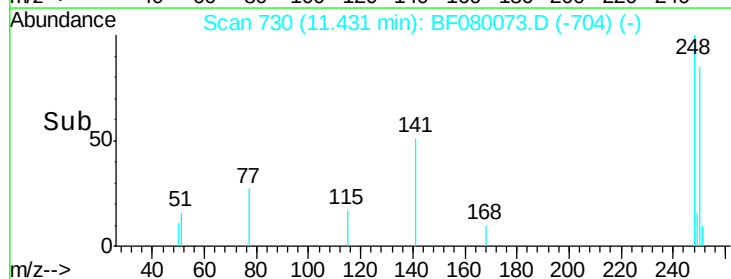
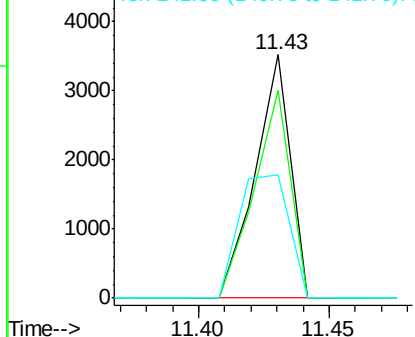


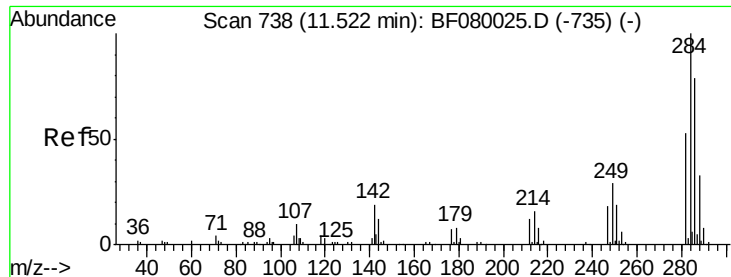
#66
 4-Bromophenyl-phenylether
 Concen: 1.38 ng
 RT: 11.43 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

Tgt Ion:248 Resp: 3321
 Ion Ratio Lower Upper
 248 100
 250 85.5 78.5 117.7
 141 50.8 59.0 88.6#



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: 1.30 ng

RT: 11.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF080073.D

Acq: 20 Jun 2015 1:12

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

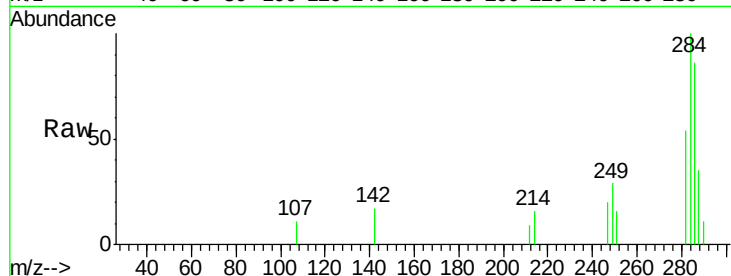
Tgt Ion:284 Resp: 3469

Ion Ratio Lower Upper

284 100

142 17.4 29.5 44.3#

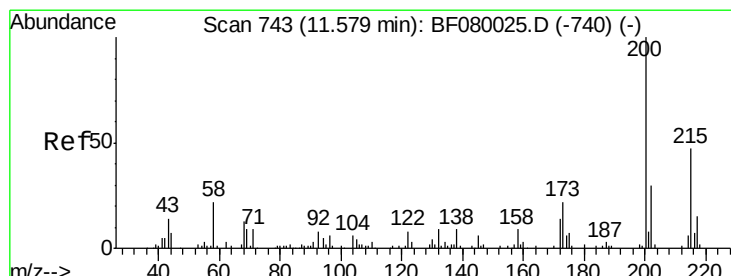
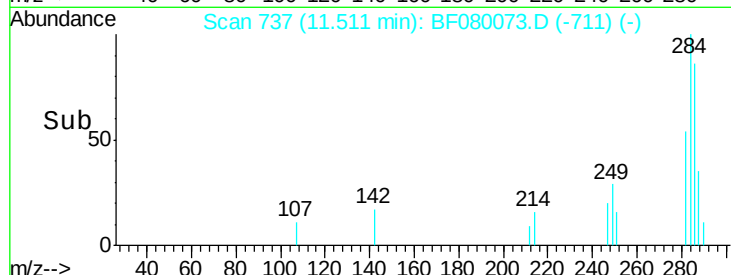
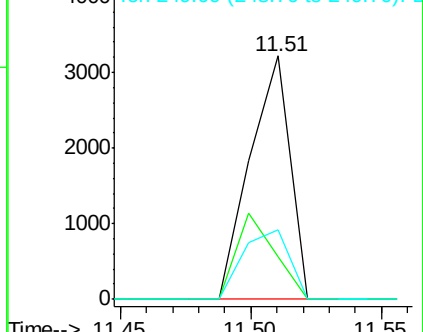
249 28.8 19.5 29.3



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: 1.02 ng

RT: 11.56 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF080073.D

Acq: 20 Jun 2015 1:12

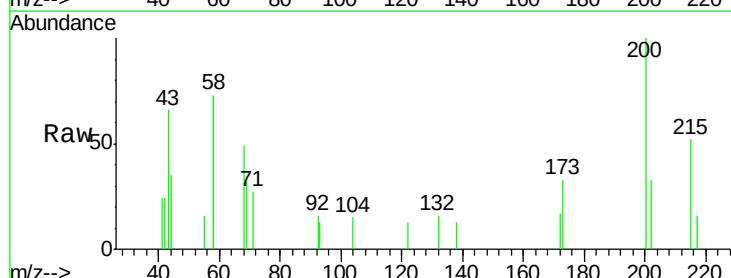
Tgt Ion:200 Resp: 2380

Ion Ratio Lower Upper

200 100

173 33.3 13.2 53.2

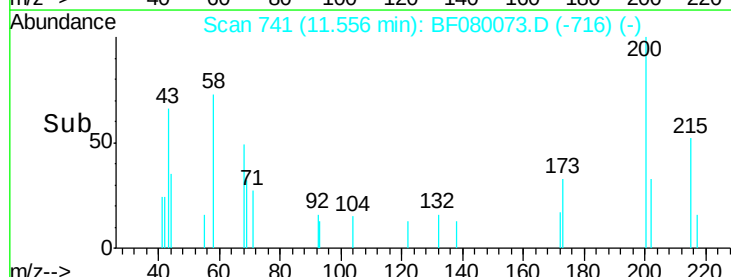
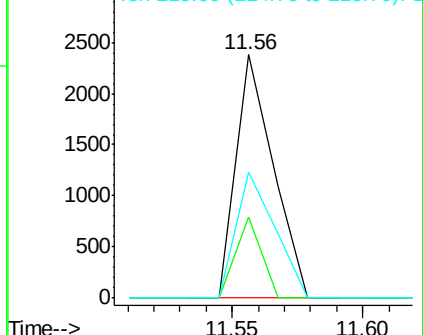
215 51.6 41.8 81.8

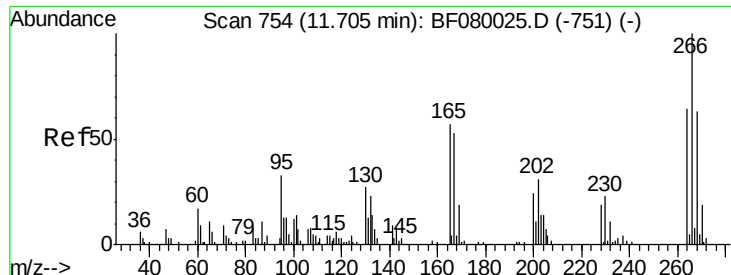


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

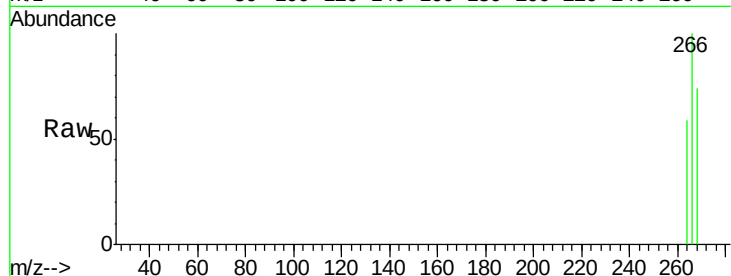




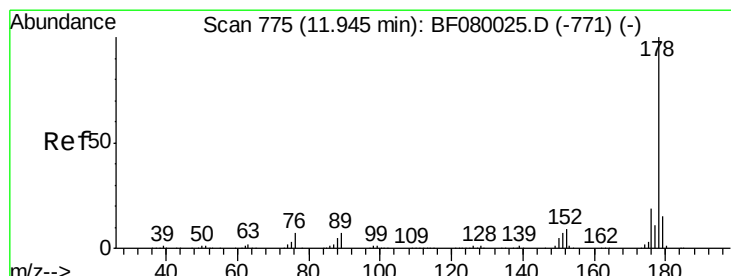
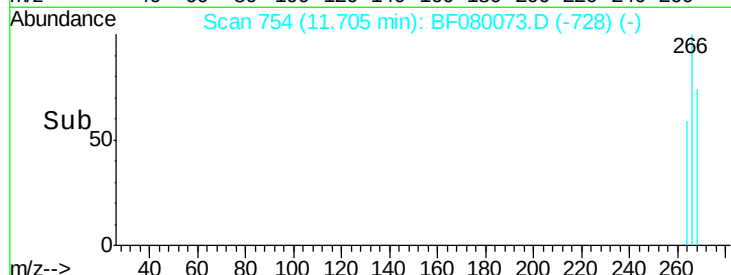
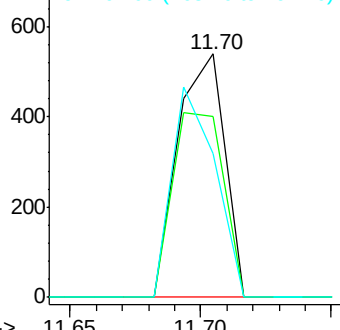
#69
 Pentachlorophenol
 Concen: 0.44 ng
 RT: 11.70 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion: 266 Resp: 672
 Ion Ratio Lower Upper
 266 100
 268 74.2 49.8 74.6
 264 59.0 50.2 75.2

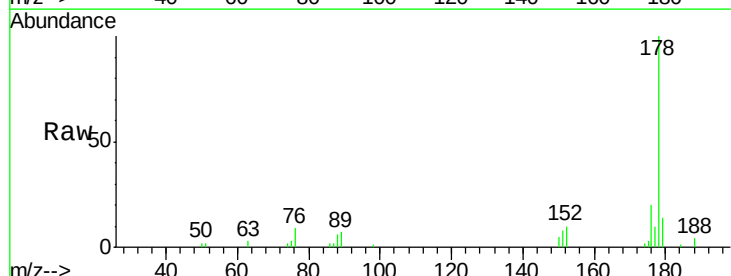


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

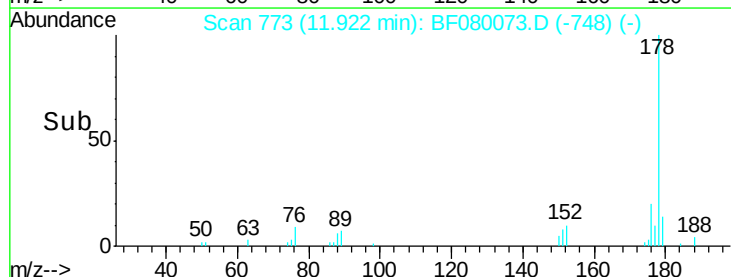
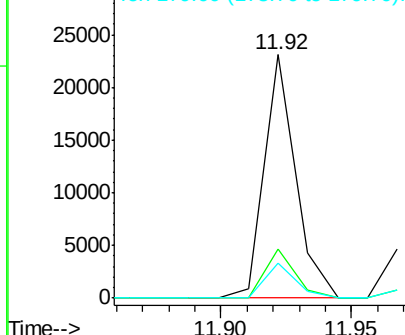


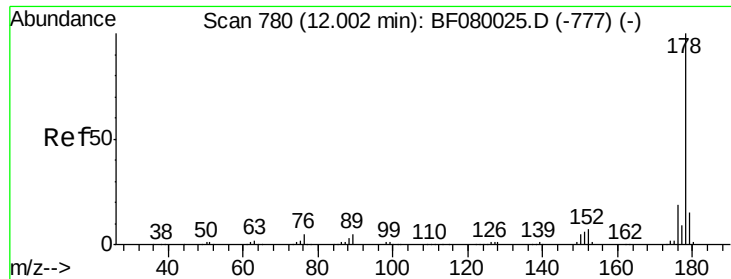
#70
 Phenanthrene
 Concen: 1.41 ng
 RT: 11.92 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

Tgt Ion: 178 Resp: 19408
 Ion Ratio Lower Upper
 178 100
 176 20.0 13.8 20.8
 179 14.4 12.2 18.2



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

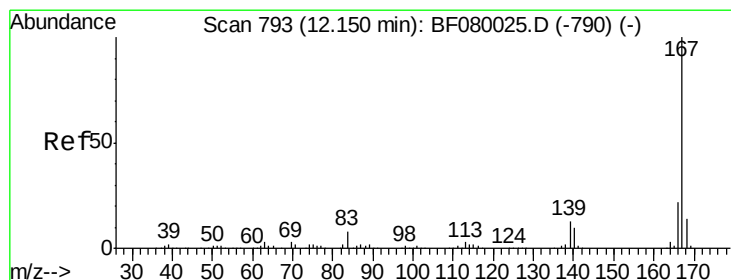
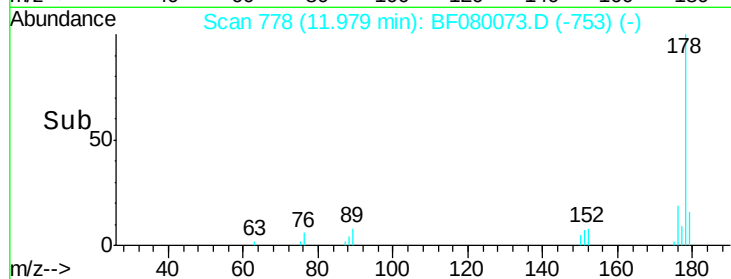
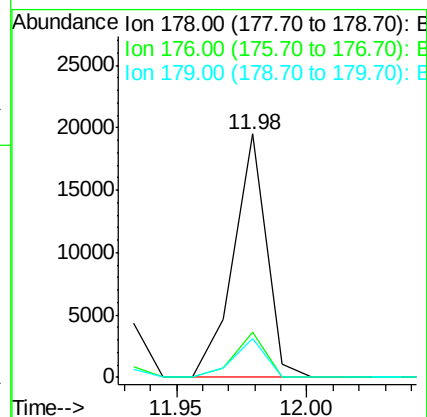
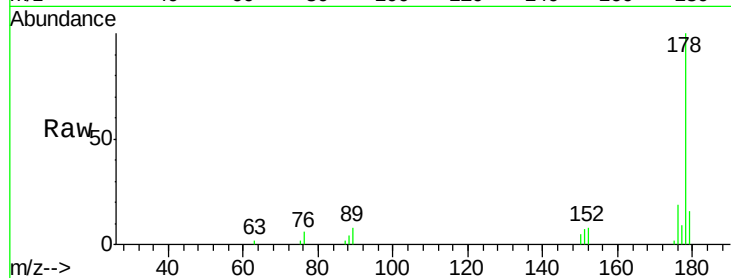




#71
 Anthracene
 Concen: 1.31 ng
 RT: 11.98 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

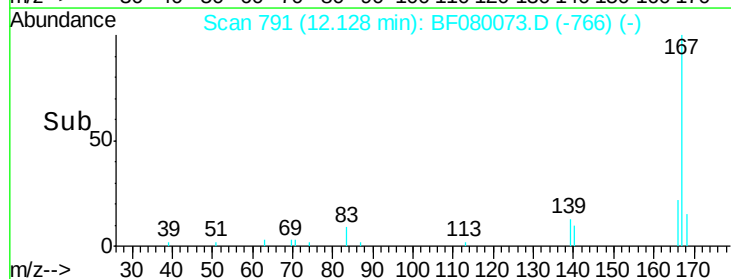
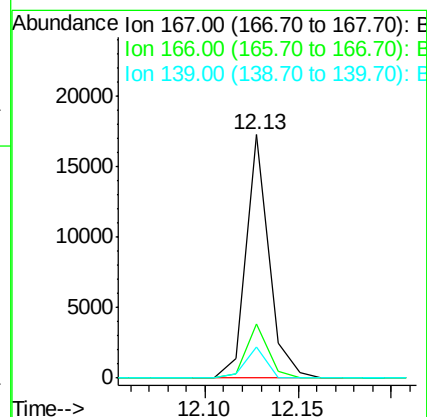
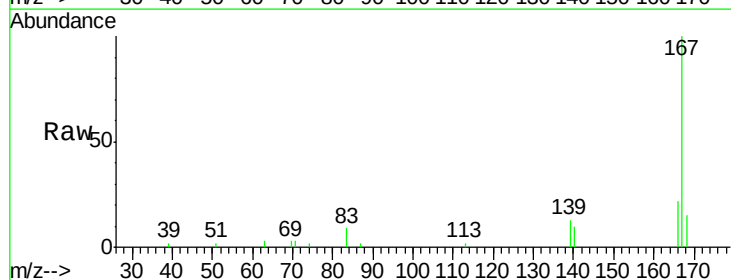
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

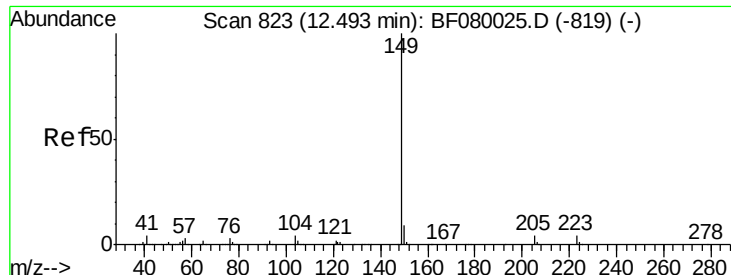
Tgt Ion:178 Resp: 17281
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.1 21.1
 179 16.1 12.2 18.2



#72
 Carbazole
 Concen: 1.17 ng
 RT: 12.13 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

Tgt Ion:167 Resp: 14744
 Ion Ratio Lower Upper
 167 100
 166 22.2 15.7 23.5
 139 12.8 9.5 14.3





#73

Di-n-butylphthalate

Concen: 0.97 ng

RT: 12.46 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF080073.D

Acq: 20 Jun 2015 1:12

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

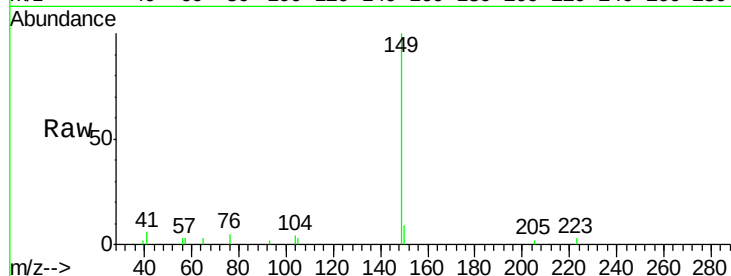
Tgt Ion:149 Resp: 14167

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

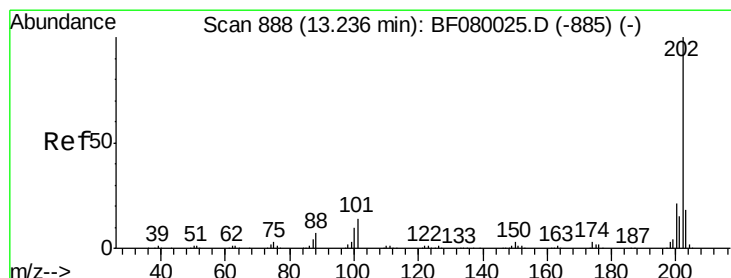
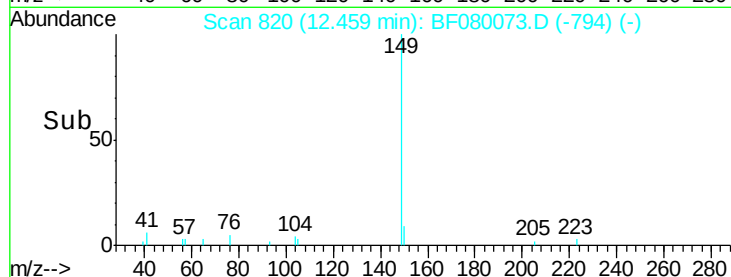
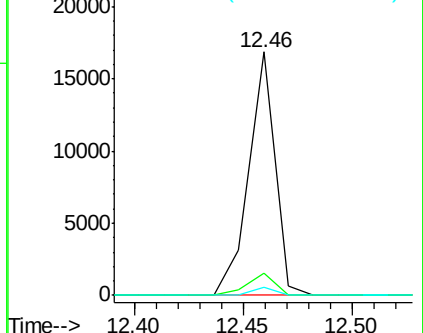
104 3.5 2.4 3.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 1.15 ng

RT: 13.19 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF080073.D

Acq: 20 Jun 2015 1:12

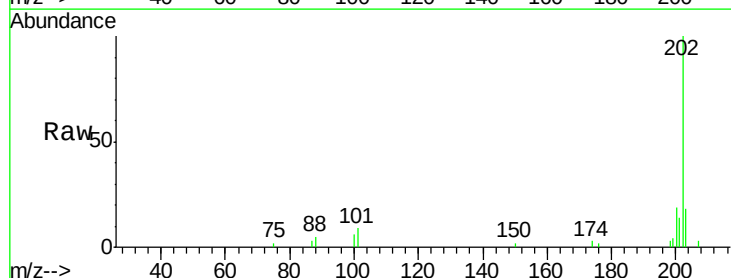
Tgt Ion:202 Resp: 16860

Ion Ratio Lower Upper

202 100

101 9.3 0.0 38.3

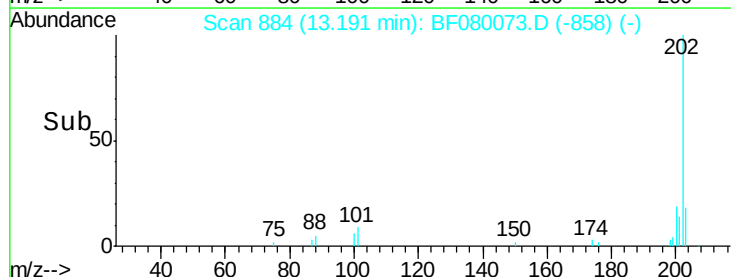
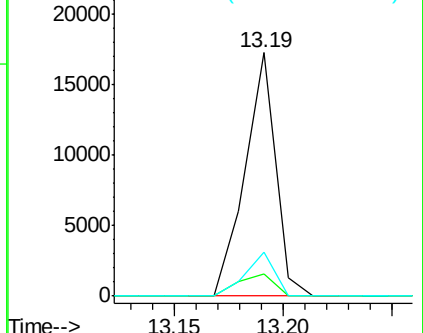
203 18.1 0.0 37.3

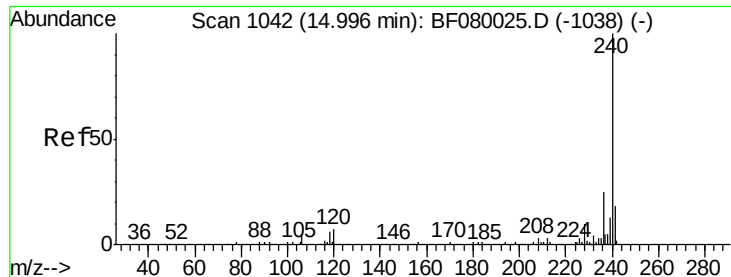


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: BF080073.D

Acq: 20 Jun 2015 1:12

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

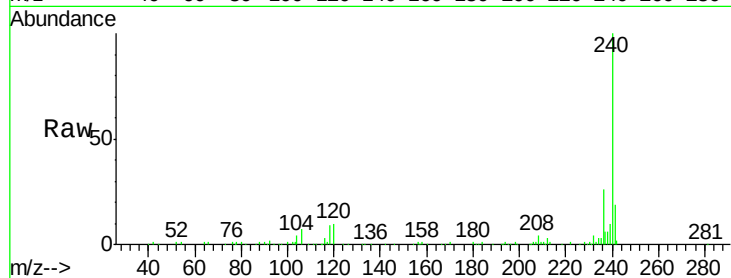
Tgt Ion:240 Resp: 240353

Ion Ratio Lower Upper

240 100

120 9.7 16.2 24.2#

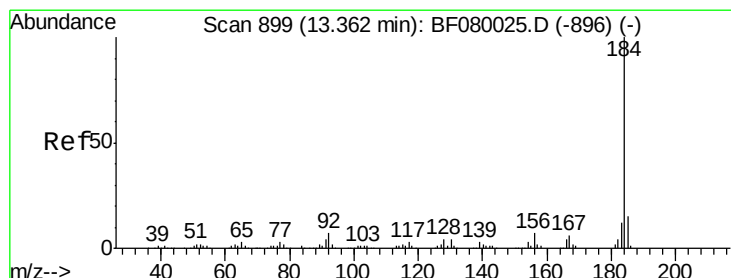
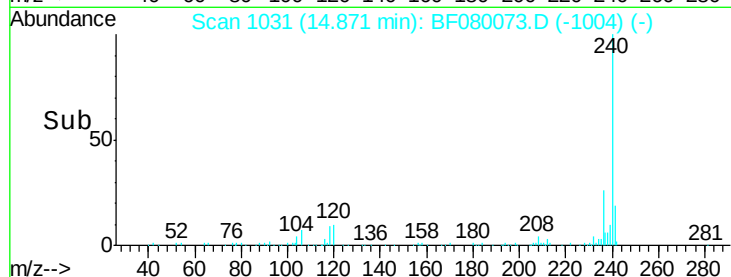
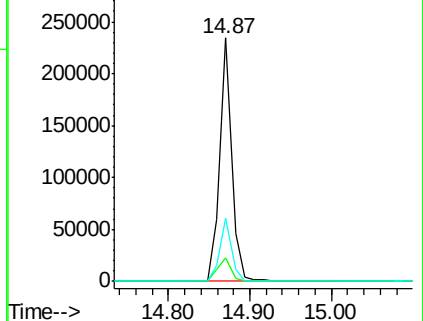
236 26.1 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 0.49 ng

RT: 13.30 min Scan# 894

Delta R.T. 0.00 min

Lab File: BF080073.D

Acq: 20 Jun 2015 1:12

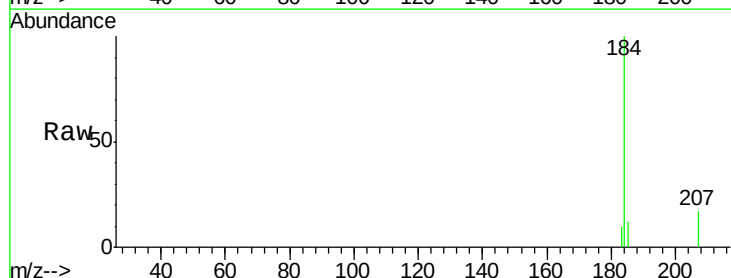
Tgt Ion:184 Resp: 3303

Ion Ratio Lower Upper

184 100

185 12.1 11.8 17.6

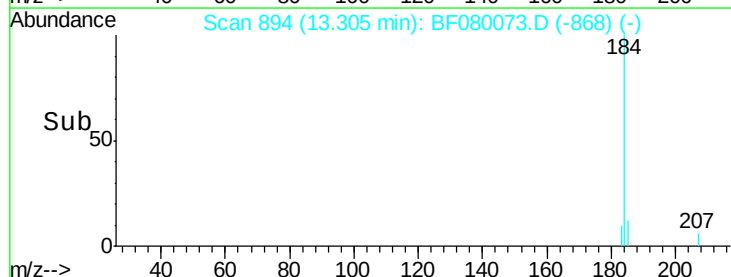
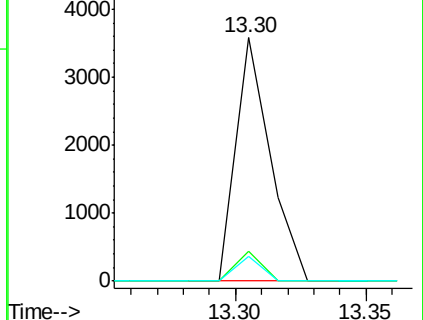
183 10.4 7.6 11.4

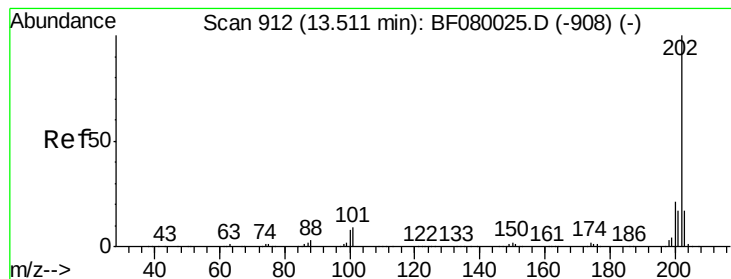


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 1.22 ng

RT: 13.44 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF080073.D

Acq: 20 Jun 2015 1:12

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

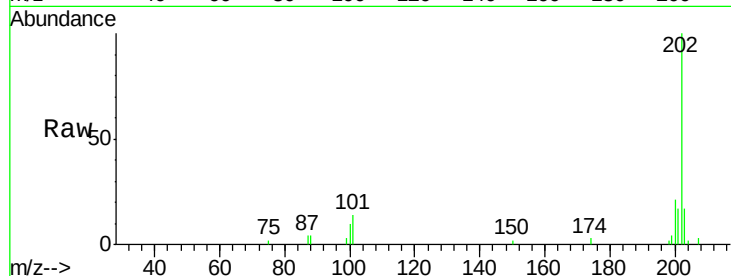
Tgt Ion: 202 Resp: 18083

Ion Ratio Lower Upper

202 100

200 20.6 15.0 22.4

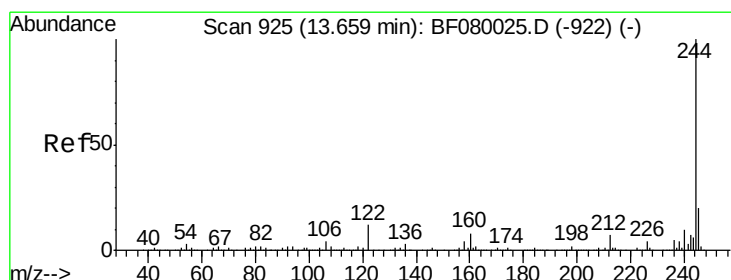
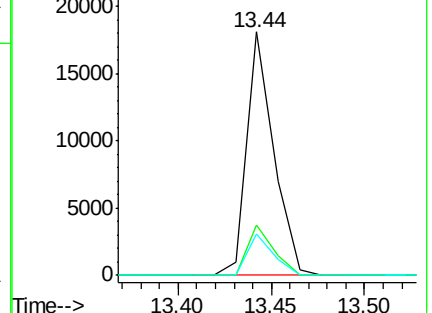
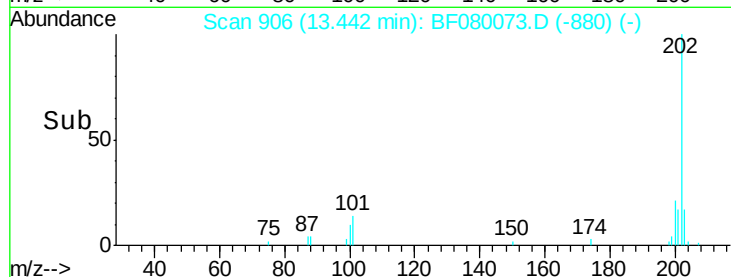
203 17.0 14.1 21.1



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: 69.49 ng

RT: 13.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF080073.D

Acq: 20 Jun 2015 1:12

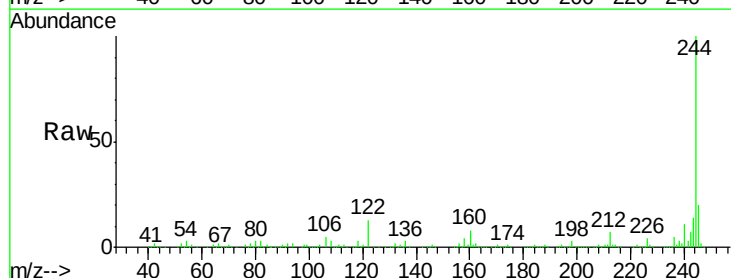
Tgt Ion: 244 Resp: 715117

Ion Ratio Lower Upper

244 100

212 7.4 4.3 6.5#

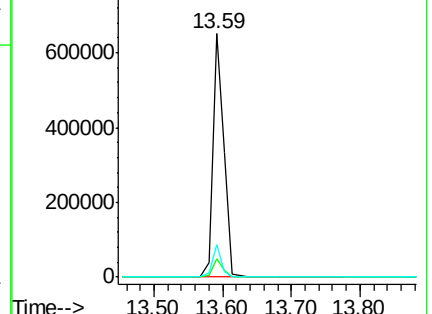
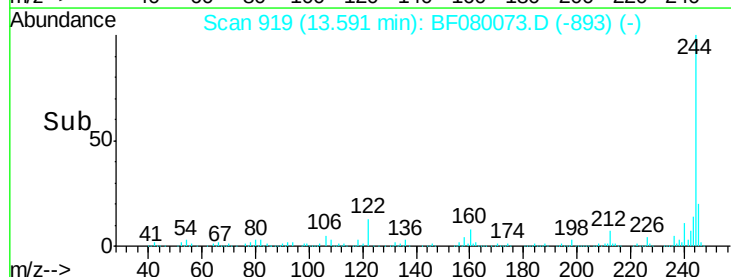
122 13.2 17.4 26.2#

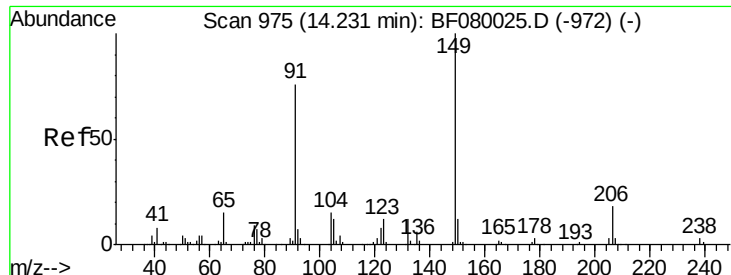


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

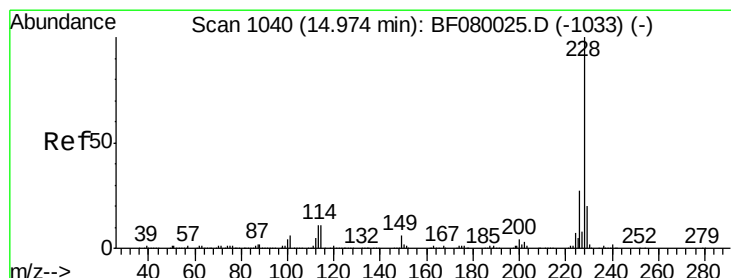
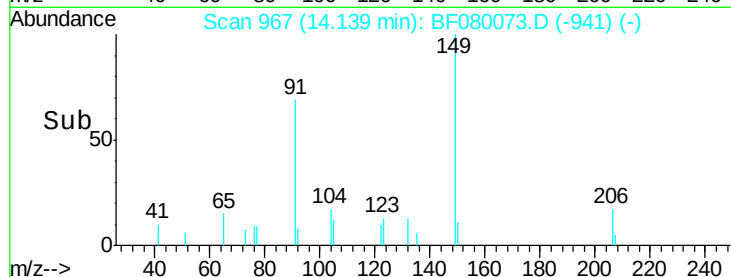
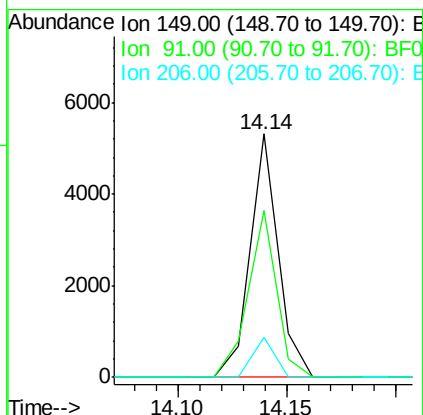
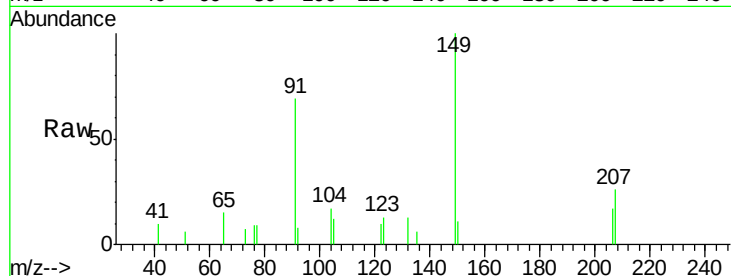




#79
Butylbenzylphthalate
Concen: 0.80 ng
RT: 14.14 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF080073.D
Acq: 20 Jun 2015 1:12

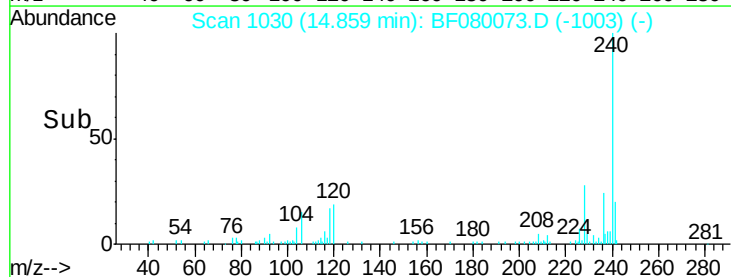
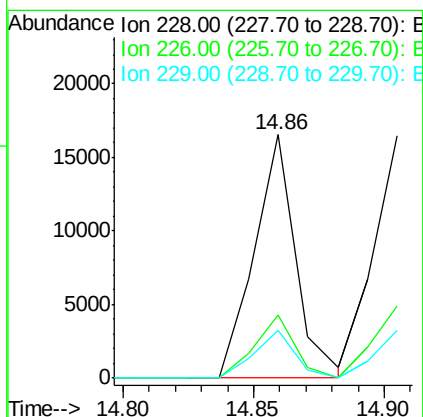
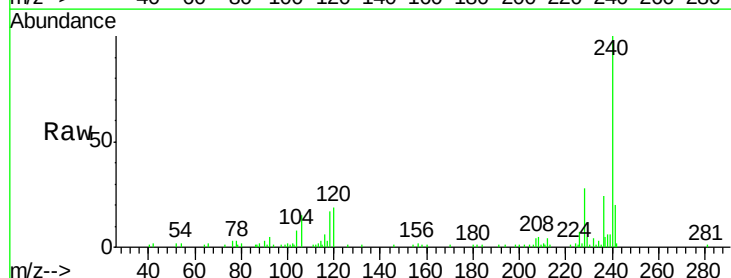
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

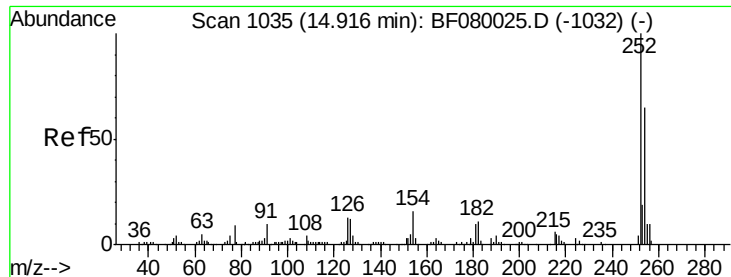
Tgt Ion:149 Resp: 4763
Ion Ratio Lower Upper
149 100
91 68.5 48.6 72.8
206 16.5 14.9 22.3



#80
Benzo(a)anthracene
Concen: 1.26 ng
RT: 14.86 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BF080073.D
Acq: 20 Jun 2015 1:12

Tgt Ion:228 Resp: 18411
Ion Ratio Lower Upper
228 100
226 26.0 20.0 30.0
229 19.4 15.4 23.2

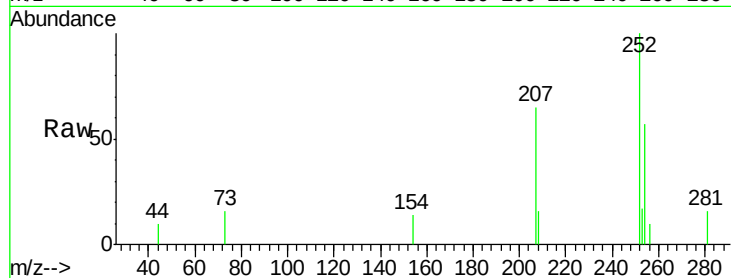




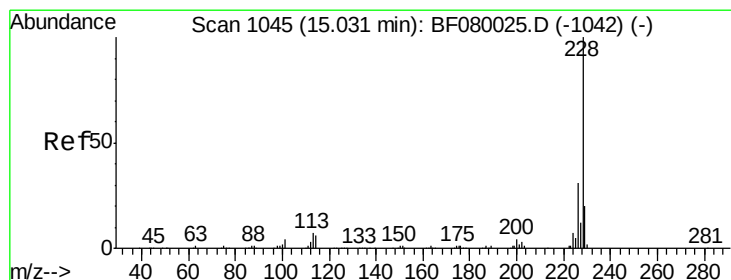
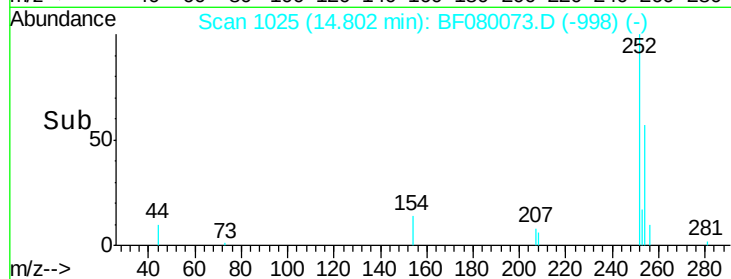
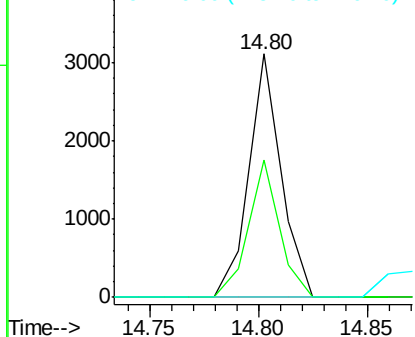
#81
 3,3'-Dichlorobenzidine
 Concen: 0.64 ng
 RT: 14.80 min Scan# 1025
 Delta R.T. 0.01 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion: 252 Resp: 3216
 Ion Ratio Lower Upper
 252 100
 254 56.5 51.4 77.2
 126 0.0 16.4 24.6#

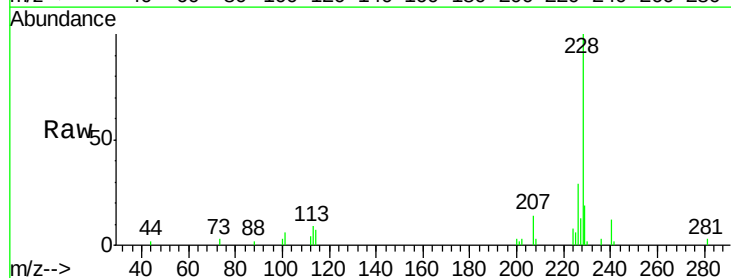


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

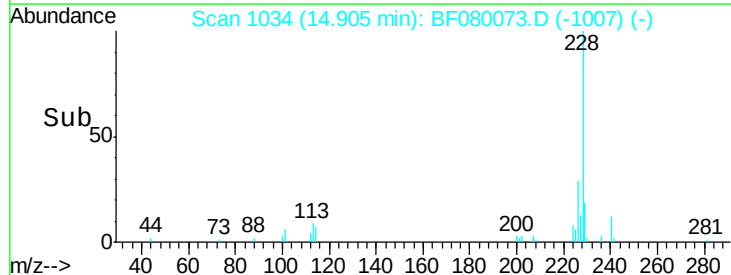
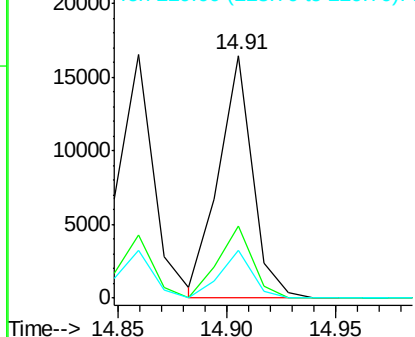


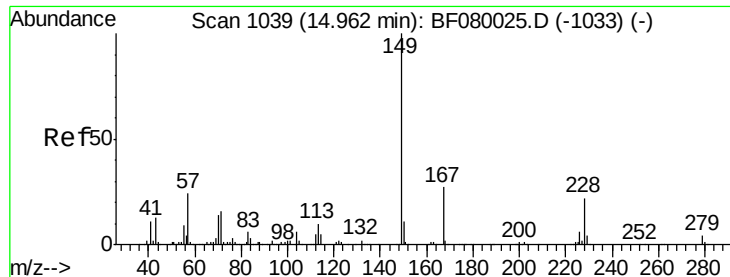
#82
 Chrysene
 Concen: 1.32 ng
 RT: 14.91 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

Tgt Ion: 228 Resp: 17773
 Ion Ratio Lower Upper
 228 100
 226 29.5 21.0 31.4
 229 19.5 15.6 23.4



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

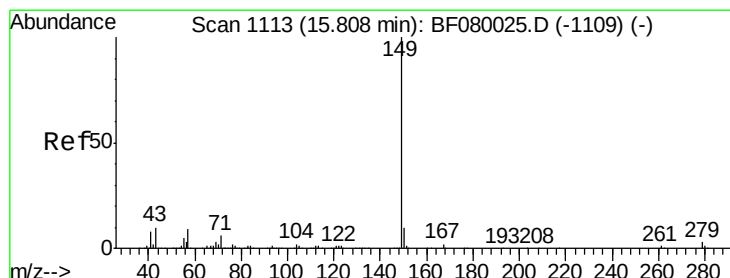
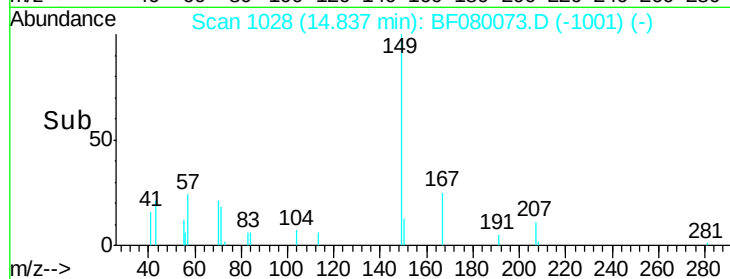
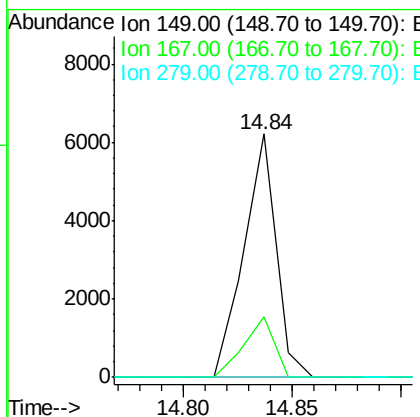
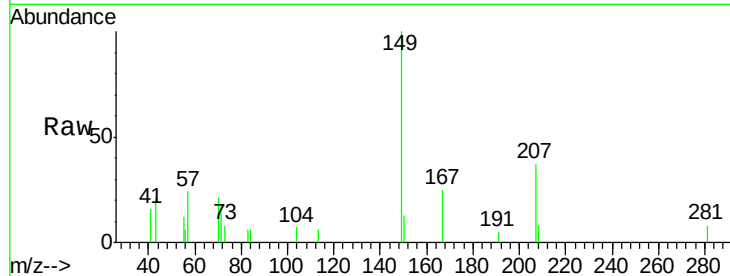




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.68 ng
 RT: 14.84 min Scan# 1028
 Delta R.T. 0.01 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

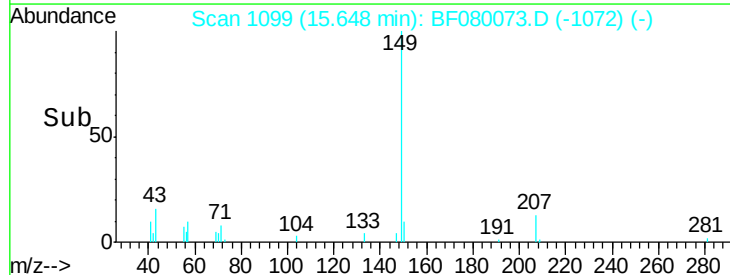
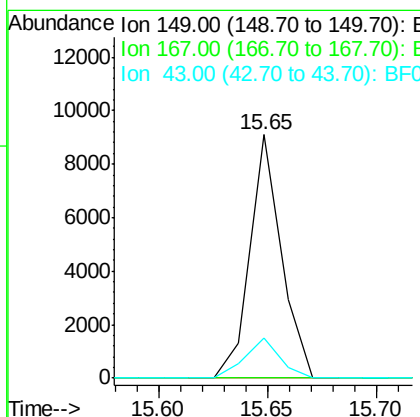
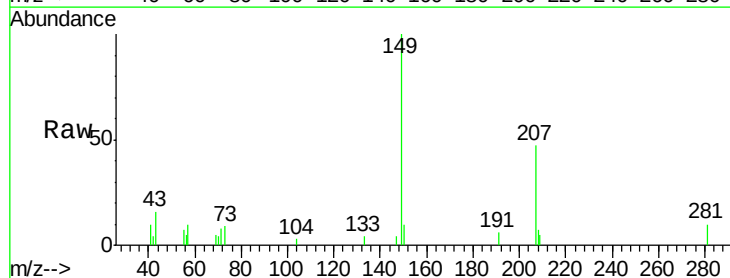
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

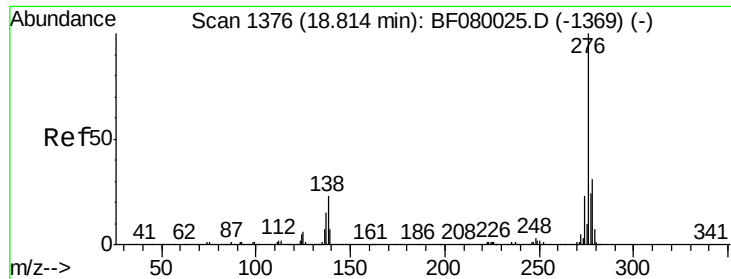
Tgt Ion:149 Resp: 6388
 Ion Ratio Lower Upper
 149 100
 167 24.7 24.2 36.2
 279 0.0 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 0.57 ng
 RT: 15.65 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

Tgt Ion:149 Resp: 9151
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.0 1.6#
 43 18.3 10.2 15.2#





#85

Indeno(1,2,3-cd)pyrene

Concen: 0.97 ng

RT: 18.61 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF080073.D

Acq: 20 Jun 2015 1:12

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

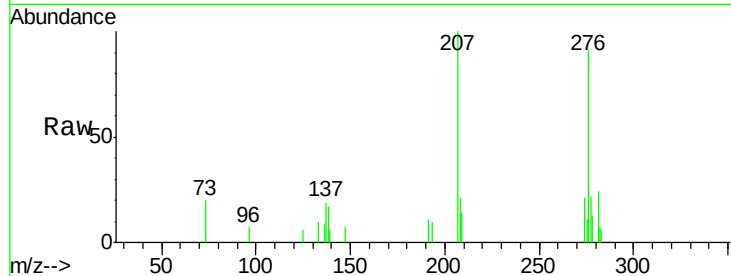
Tgt Ion:276 Resp: 16472

Ion Ratio Lower Upper

276 100

138 24.4 25.7 38.5#

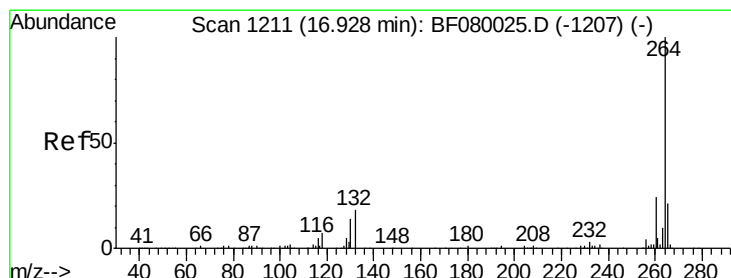
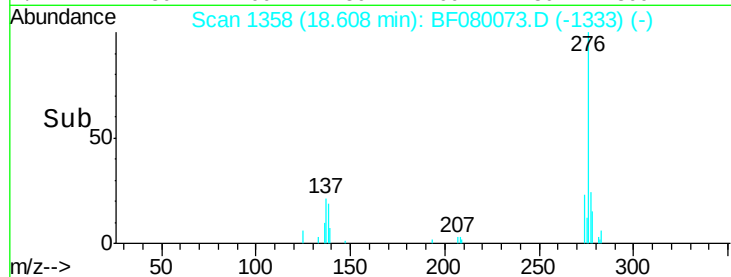
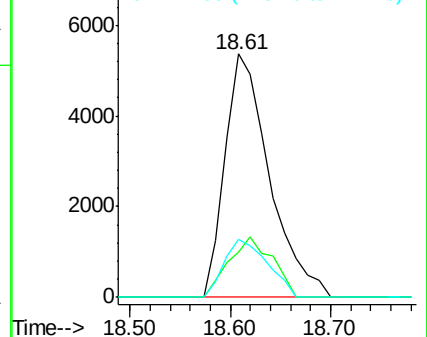
277 23.2 15.6 23.4



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: 16.76 min Scan# 1196

Delta R.T. 0.01 min

Lab File: BF080073.D

Acq: 20 Jun 2015 1:12

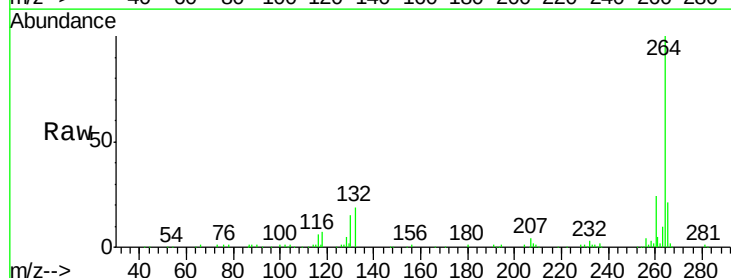
Tgt Ion:264 Resp: 225263

Ion Ratio Lower Upper

264 100

260 23.6 16.7 25.1

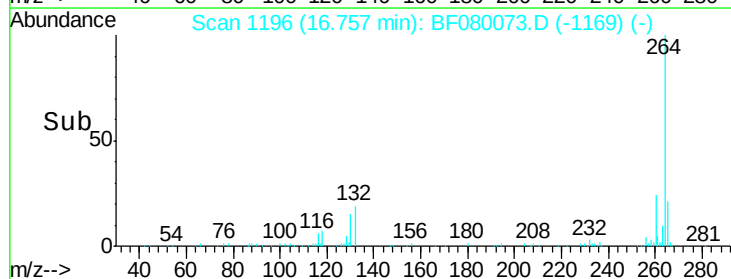
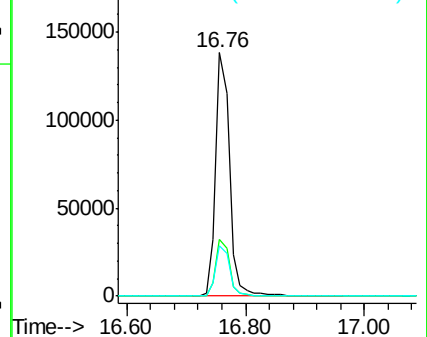
265 20.7 17.2 25.8

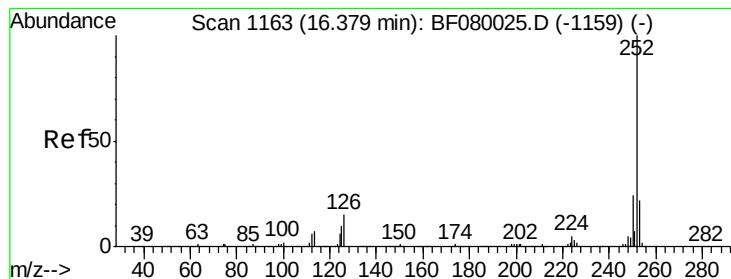


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 1.16 ng

RT: 16.22 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BF080073.D

Acq: 20 Jun 2015 1:12

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

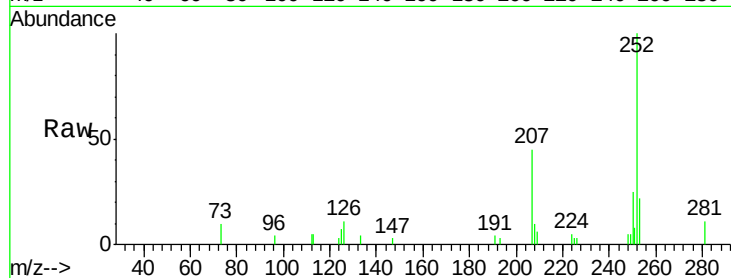
Tgt Ion:252 Resp: 15772

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

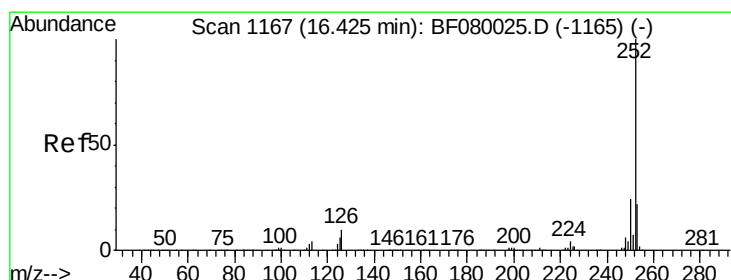
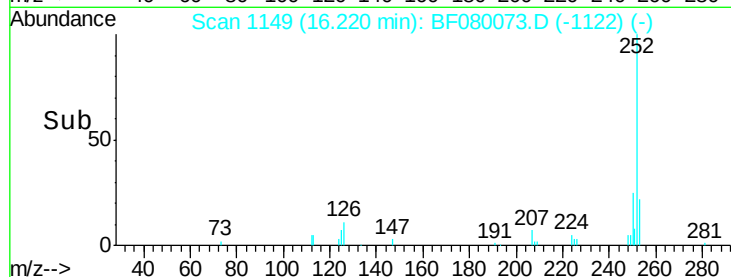
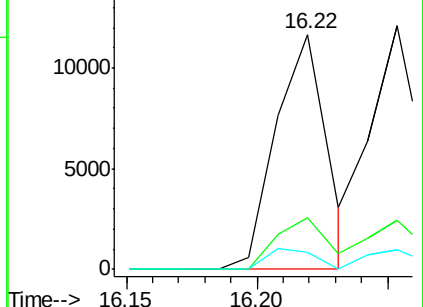
125 7.4 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 1.23 ng

RT: 16.25 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BF080073.D

Acq: 20 Jun 2015 1:12

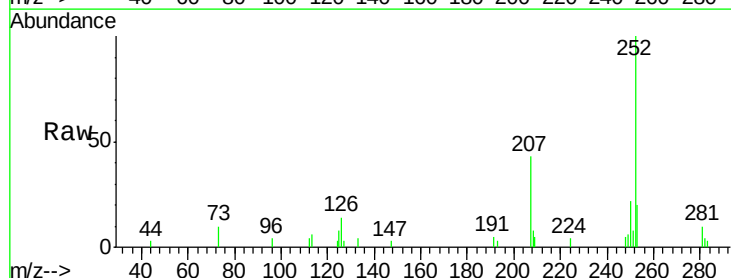
Tgt Ion:252 Resp: 17145

Ion Ratio Lower Upper

252 100

253 20.1 17.0 25.4

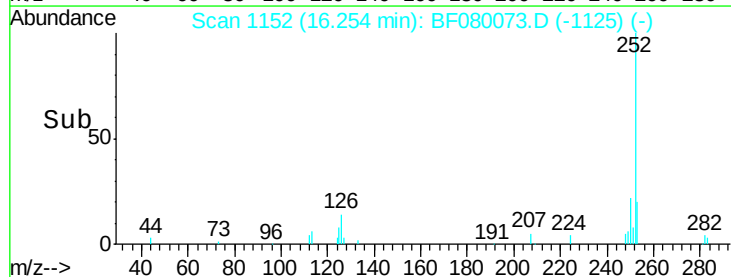
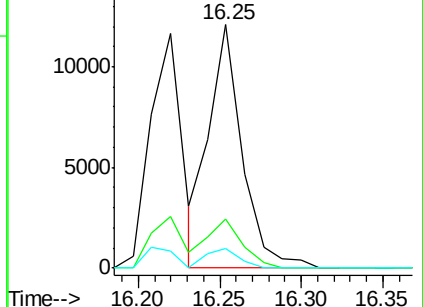
125 8.0 16.0 24.0#

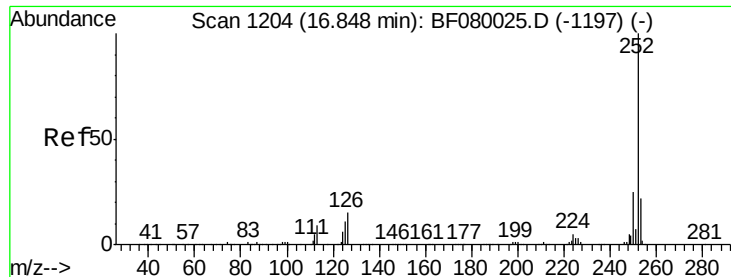


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 1.11 ng

RT: 16.68 min Scan# 1189

Delta R.T. 0.01 min

Lab File: BF080073.D

Acq: 20 Jun 2015 1:12

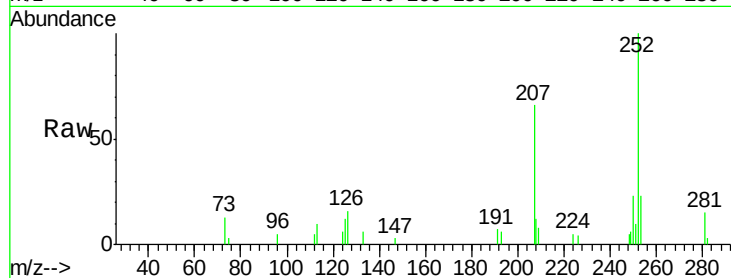
Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

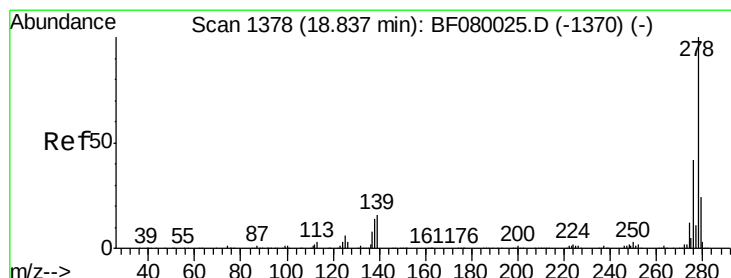
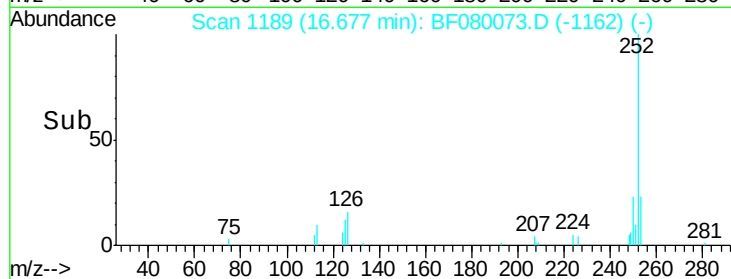
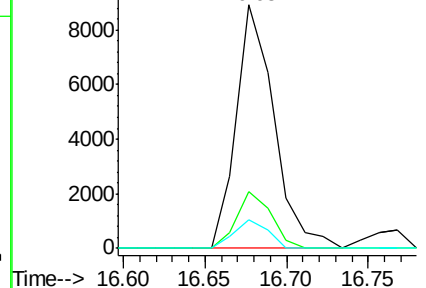
Tgt Ion:	252	Resp:	14316
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.2	25.8
125	11.8	18.0	27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 1.05 ng

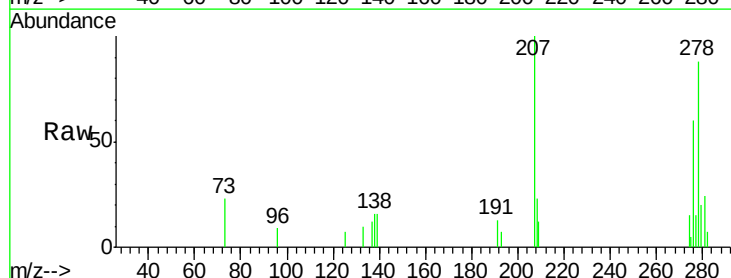
RT: 18.63 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF080073.D

Acq: 20 Jun 2015 1:12

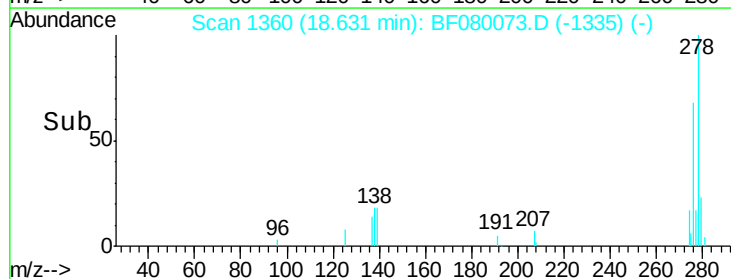
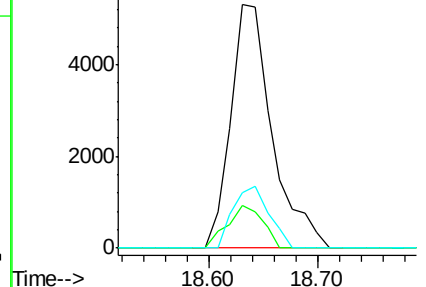
Tgt Ion:	278	Resp:	13963
Ion Ratio	Lower	Upper	
278	100		
139	17.7	26.3	39.5#
279	22.7	18.2	27.4

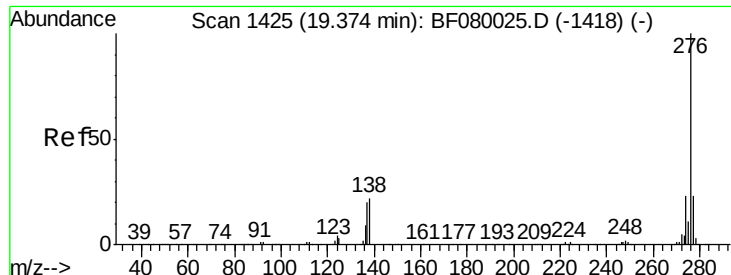


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.13 ng
 RT: 19.17 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF080073.D
 Acq: 20 Jun 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:	276	Resp:	15099
Ion Ratio		Lower	Upper
276	100		
277	22.5	17.8	26.6
138	21.3	34.6	51.8#

