

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050916\
 Data File : BF086830.D
 Acq On : 9 May 2016 18:48
 Operator : UM/SJ
 Sample : H2817-01DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILDL

Quant Time: May 10 02:03:48 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	149164	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	633958	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	323401	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	659455	20.00	ng	0.00
75) Chrysene-d12	13.84	240	526891	20.00	ng	0.00
86) Perylene-d12	15.21	264	433131	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	196590	22.32	ng	0.00
7) Phenol-d6	6.35	99	290166	24.65	ng	-0.01
23) Nitrobenzene-d5	7.26	82	177794	14.08	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	82833	24.19	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	370249	19.24	ng	0.00
78) Terphenyl-d14	12.79	244	384607	15.49	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.36	88	577	0.13	ng	# 70
4) n-Nitrosodimethylamine	2.89	42	1820	0.24	ng	# 1
6) Aniline	6.36	93	9173	0.64	ng	# 1
8) 2-Chlorophenol	6.48	128	217203	20.44	ng	87
9) Benzaldehyde	6.36	77	4413	0.65	ng	# 4
10) Phenol	6.36	94	410518	29.34	ng	92
11) bis(2-Chloroethyl)ether	6.43	93	253322	23.22	ng	88
12) 1,3-Dichlorobenzene	6.86	146	527893	45.90	ng	99
13) 1,4-Dichlorobenzene	6.86	146	536198	45.71	ng	98
14) 1,2-Dichlorobenzene	6.86	146	536752	52.50	ng	96
15) Benzyl Alcohol	6.84	79	3380	0.42	ng	# 40
17) 2-Methylphenol	6.86	107	3710	0.44	ng	# 77
18) Hexachloroethane	7.20	117	184218	41.74	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	2369	0.29	ng	# 54
24) Nitrobenzene	7.52	77	26650	2.05	ng	# 69
25) Isophorone	7.52	82	790829	33.76	ng	97
26) 2-Nitrophenol	7.52	139	12100	2.12	ng	# 18
27) 2,4-Dimethylphenol	7.52	122	250	0.03	ng	# 1
28) bis(2-Chloroethoxy)methane	7.92	93	333	0.03	ng	# 1
29) 2,4-Dichlorophenol	7.85	162	142284	16.62	ng	96
30) 1,2,4-Trichlorobenzene	7.92	180	280478	29.31	ng	95
31) Naphthalene	8.00	128	464184	14.62	ng	99
32) Benzoic acid	7.92	122	1669	0.29	ng	# 20
33) 4-Chloroaniline	8.00	127	60846	4.93	ng	# 34
34) Hexachlorobutadiene	8.12	225	80940	14.58	ng	98
35) Caprolactam	8.54	113	9990	3.43	ng	# 41
36) 4-Chloro-3-methylphenol	8.54	107	367877	35.44	ng	# 86
37) 2-Methylnaphthalene	8.69	142	878530	47.33	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	221	0.02	ng	# 26
42) 2,4,6-Trichlorophenol	8.98	196	178200	28.34	ng	93
43) 2,4,5-Trichlorophenol	9.02	196	80787	12.42	ng	94
45) 1,1'-Biphenyl	9.06	154	671	0.03	ng	# 1
46) 2-Chloronaphthalene	9.17	162	434353	21.55	ng	94
47) 2-Nitroaniline	9.25	65	264	0.04	ng	# 2

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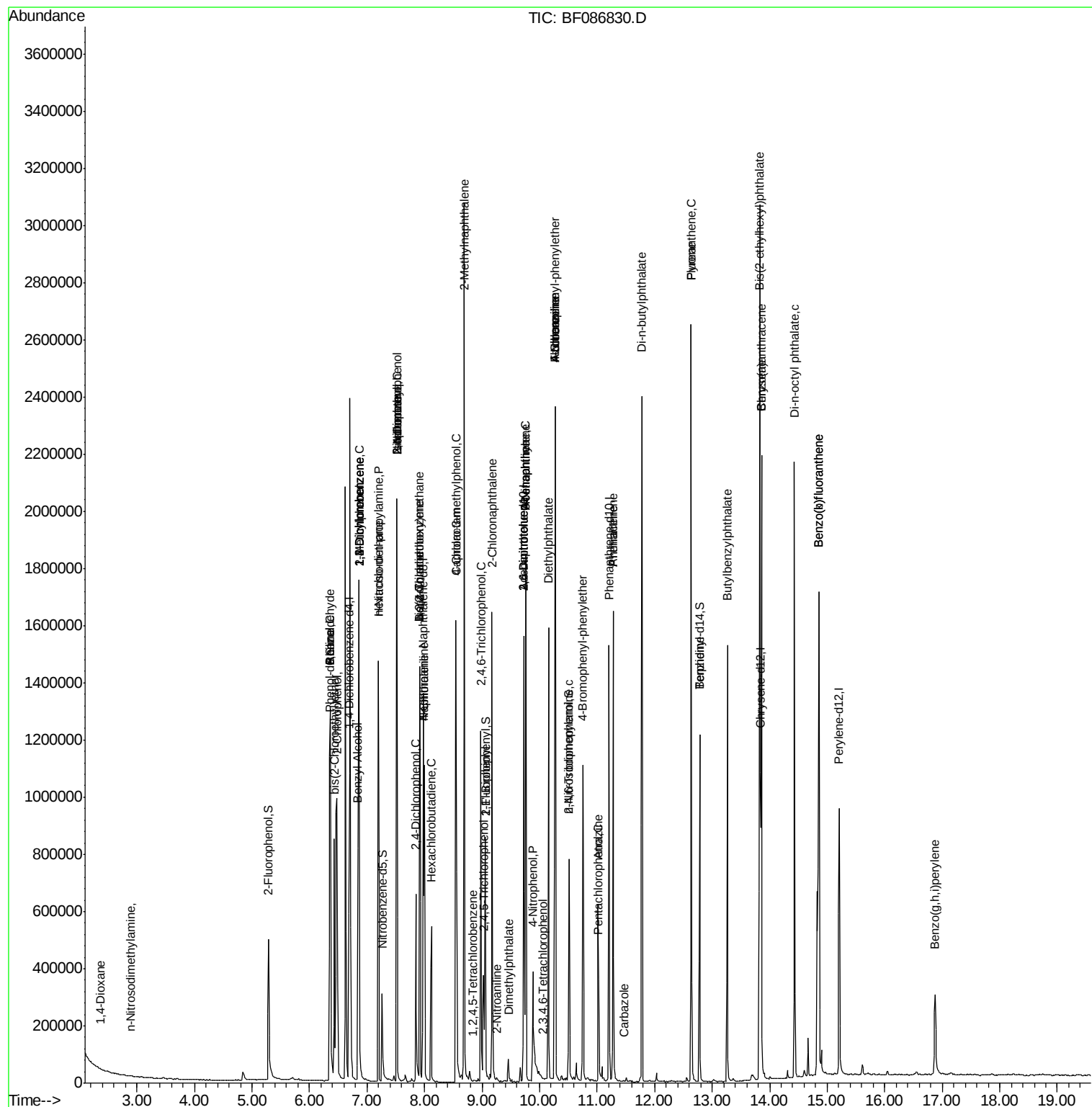
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Acenaphthylene	9.76	152	193845	6.54	ng	# 1
49) Dimethylphthalate	9.46	163	30953	1.25	ng	99
50) 2,6-Dinitrotoluene	9.72	165	41217	7.94	ng	# 21
51) Acenaphthene	9.76	154	373781	20.27	ng	98
52) 3-Nitroaniline	9.76	138	306	0.06	ng	# 2
55) 4-Nitrophenol	9.88	139	112529	33.67	ng	# 73
56) 2,4-Dinitrotoluene	9.72	165	41219	6.41	ng	# 16
57) Fluorene	10.27	166	320	0.02	ng	# 1
58) 2,3,4,6-Tetrachlorophenol	10.06	232	242	0.05	ng	# 34
59) Diethylphthalate	10.16	149	498881	20.75	ng	98
60) 4-Chlorophenyl-phenylether	10.27	204	375714	42.10	ng	87
61) 4-Nitroaniline	10.27	138	2045	0.39	ng	# 9
62) Azobenzene	10.27	77	194107	7.48	ng	# 29
65) n-Nitrosodiphenylamine	10.51	169	2760	0.14	ng	# 37
66) 4-Bromophenyl-phenylether	10.75	248	115011	17.20	ng	# 88
68) Atrazine	11.01	200	16594	2.45	ng	# 36
69) Pentachlorophenol	11.02	266	87673	24.28	ng	95
70) Phenanthrene	11.28	178	649395	18.45	ng	99
71) Anthracene	11.28	178	650027	18.06	ng	99
72) Carbazole	11.47	167	620	0.02	ng	# 59
73) Di-n-butylphthalate	11.78	149	1200711	31.78	ng	99
74) Fluoranthene	12.64	202	974654	26.93	ng	99
76) Benzidine	12.79	184	6363	0.47	ng	98
77) Pyrene	12.64	202	985337	24.43	ng	99
79) Butylbenzylphthalate	13.27	149	309689	18.15	ng	# 84
80) Benzo(a)anthracene	13.86	228	821950	27.79	ng	96
82) Chrysene	13.86	228	822272	27.33	ng	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	492430	23.99	ng	98
84) Di-n-octyl phthalate	14.43	149	822129	24.18	ng	# 83
87) Benzo(b)fluoranthene	14.85	252	1083808	38.50	ng	# 96
88) Benzo(k)fluoranthene	14.85	252	1083808	47.02	ng	98
91) Benzo(g,h,i)perylene	16.88	276	234780	11.29	ng	# 92

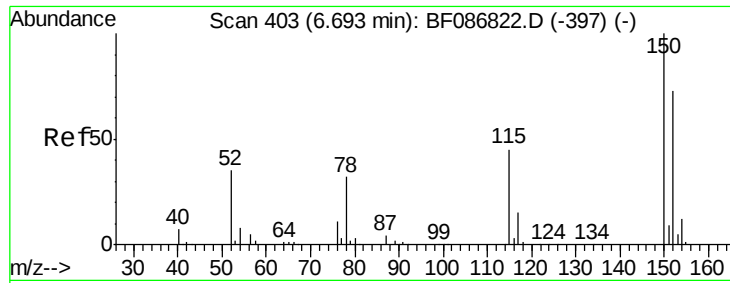
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOILDL

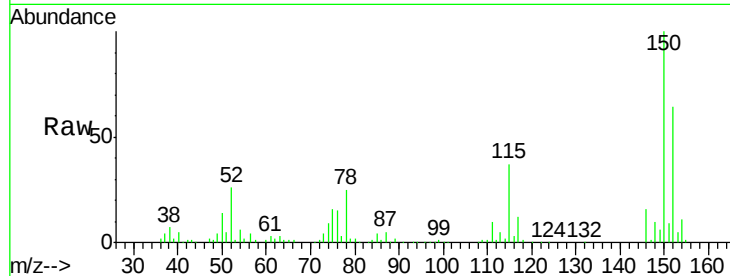
Tgt Ion:152 Resp: 149164

Ion Ratio Lower Upper

152 100

150 156.8 125.8 188.6

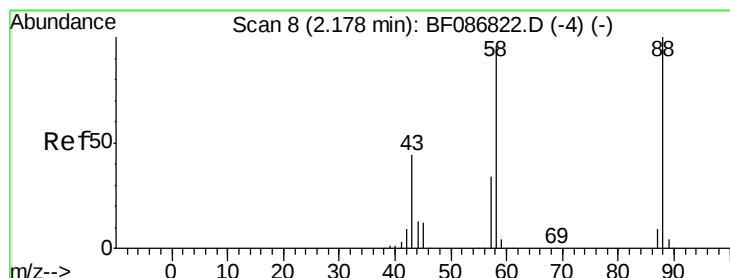
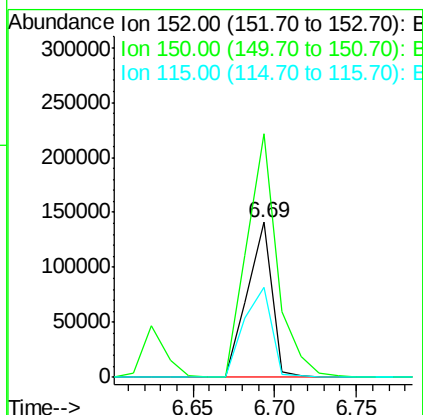
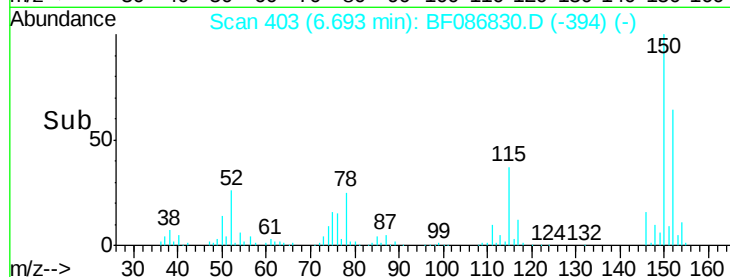
115 58.0 51.5 77.3



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: 0.13 ng

RT: 2.36 min Scan# 24

Delta R.T. 0.18 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

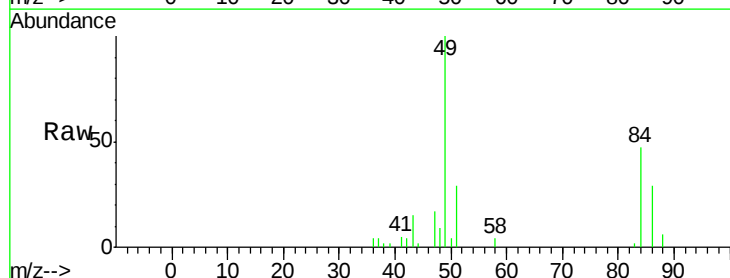
Tgt Ion: 88 Resp: 577

Ion Ratio Lower Upper

88 100

58 93.4 59.6 89.4#

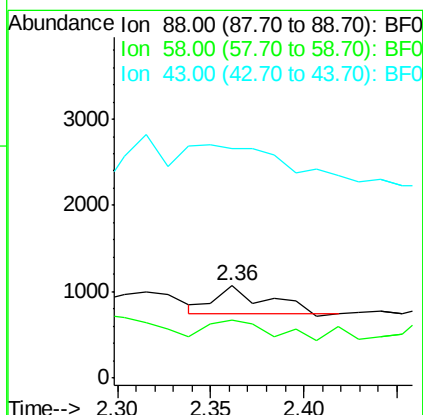
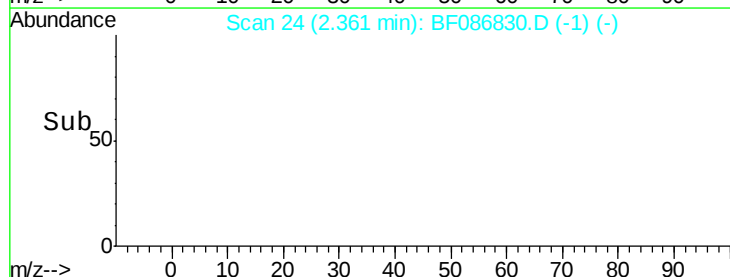
43 0.0 21.8 32.6#

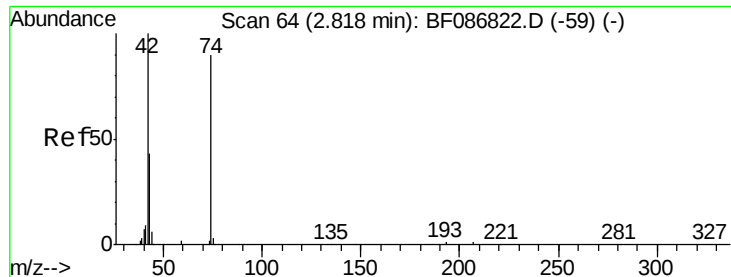


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.24 ng

RT: 2.89 min Scan# 70

Delta R.T. 0.07 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

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PT-BNA-SOILD

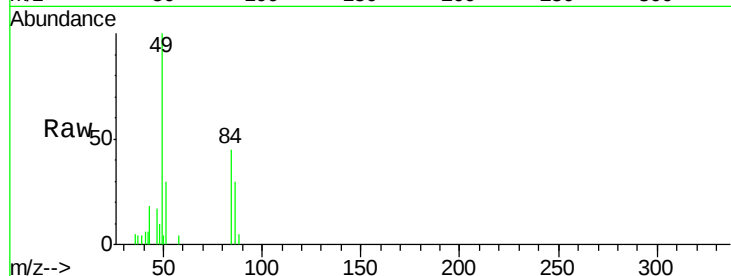
Tgt Ion: 42 Resp: 1820

Ion Ratio Lower Upper

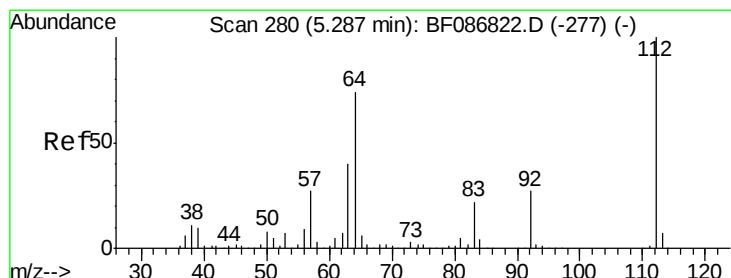
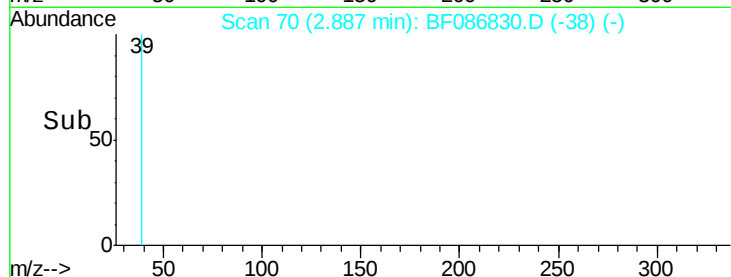
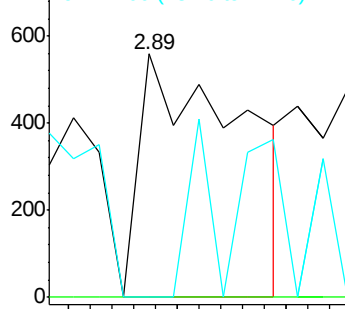
42 100

74 0.0 123.4 185.0#

44 0.0 5.8 8.6#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0



#5

2-Fluorophenol

Concen: 22.32 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

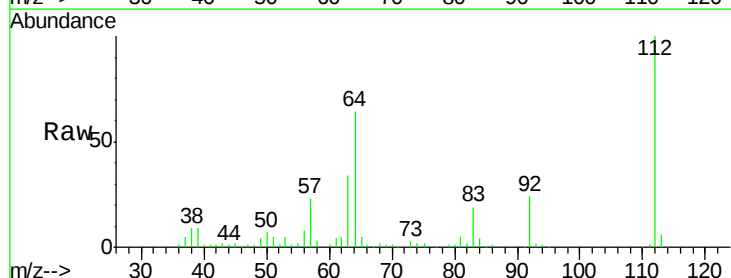
Tgt Ion: 112 Resp: 196590

Ion Ratio Lower Upper

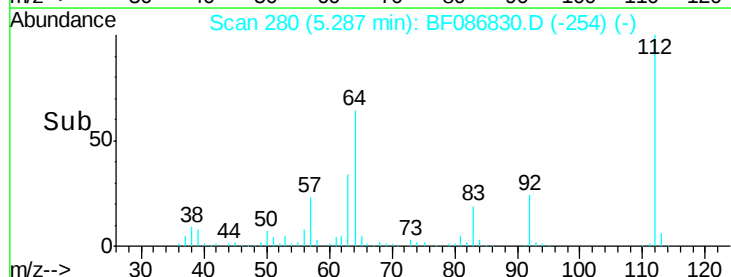
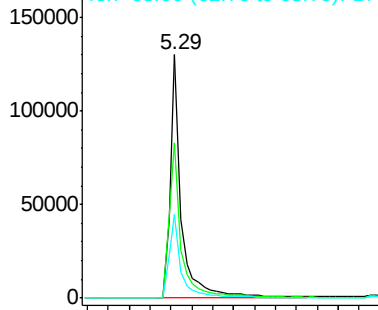
112 100

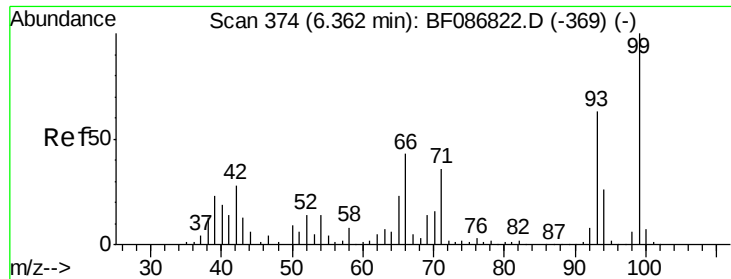
64 63.5 52.1 78.1

63 34.1 25.7 38.5



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: 0.64 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

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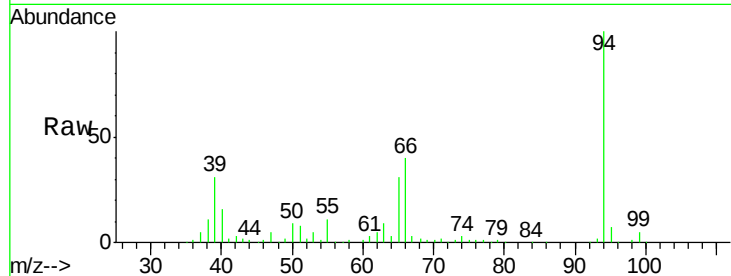
Tgt Ion: 93 Resp: 9173

Ion Ratio Lower Upper

93 100

66 1947.9 39.0 58.6#

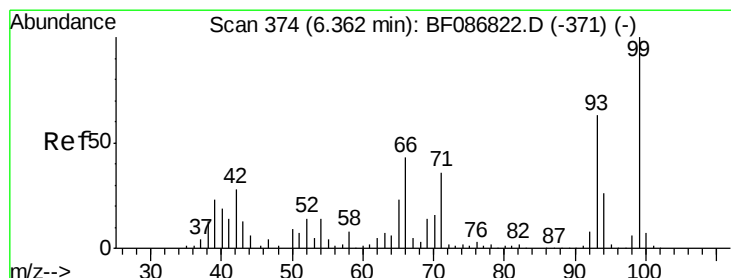
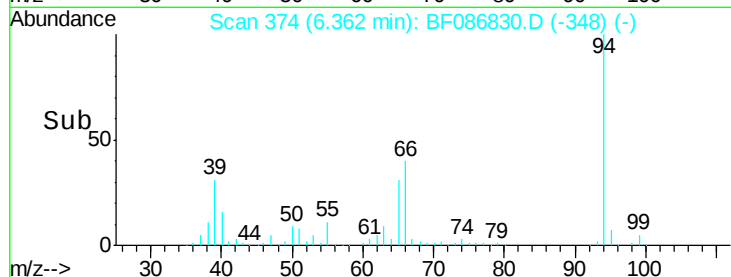
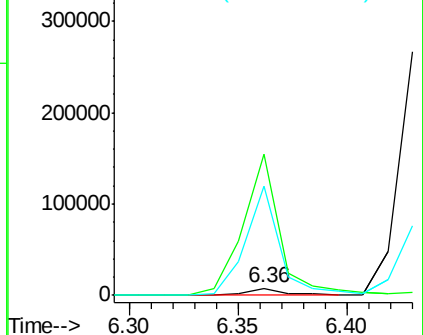
65 1511.7 20.6 31.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 24.65 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

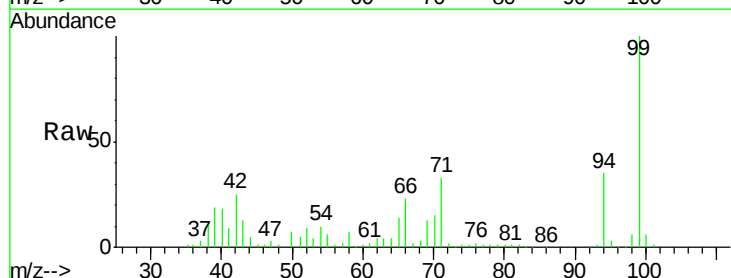
Tgt Ion: 99 Resp: 290166

Ion Ratio Lower Upper

99 100

42 25.1 13.6 20.4#

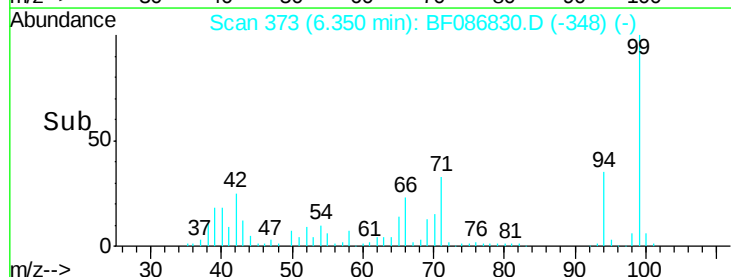
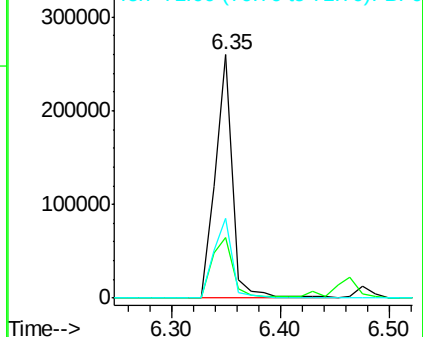
71 32.5 24.6 36.8

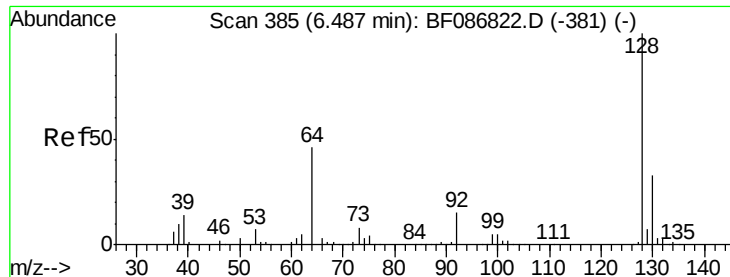


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 20.44 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

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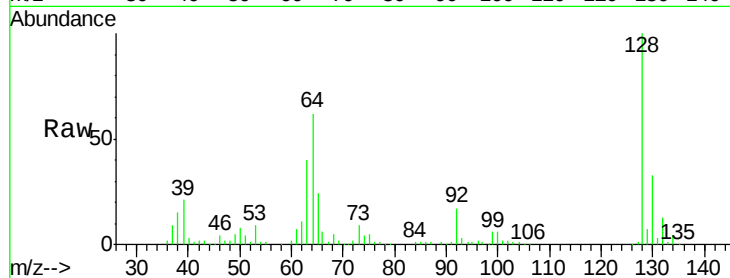
Tgt Ion:128 Resp: 217203

Ion Ratio Lower Upper

128 100

130 32.7 12.5 52.5

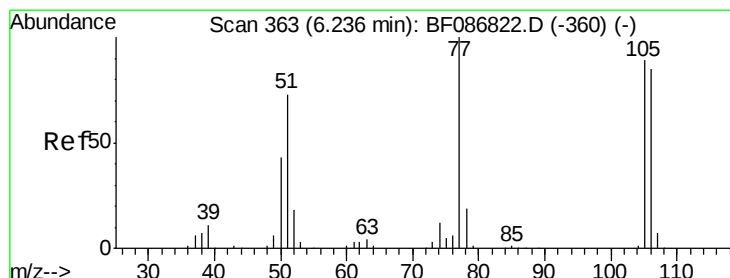
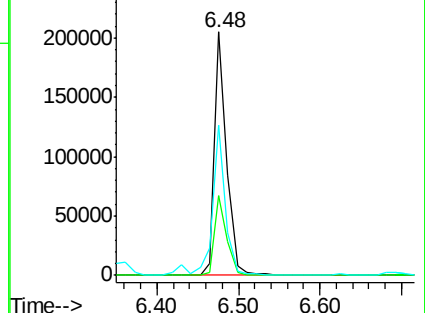
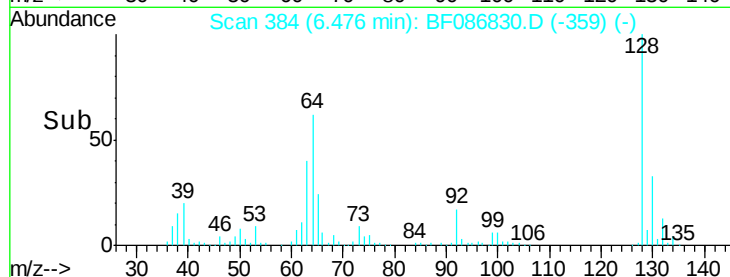
64 61.5 27.3 67.3



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: 0.65 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.13 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

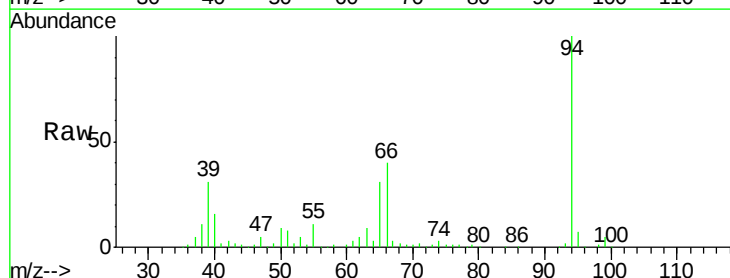
Tgt Ion: 77 Resp: 4413

Ion Ratio Lower Upper

77 100

105 0.0 72.7 112.7#

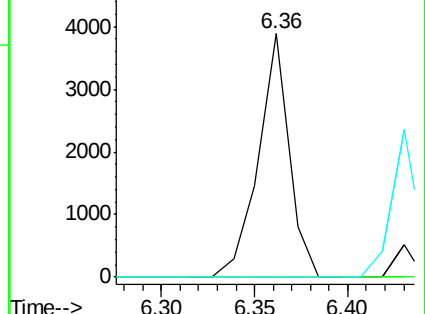
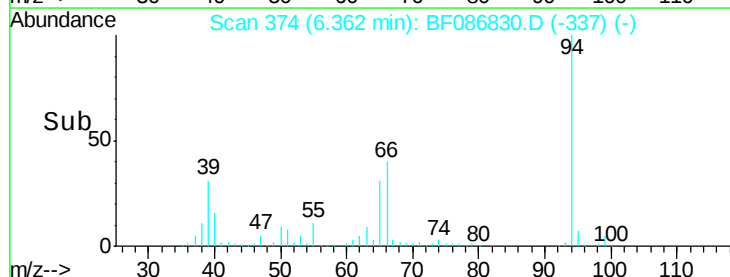
106 0.0 70.8 110.8#

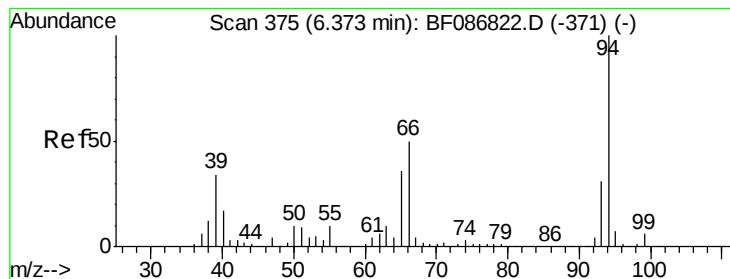


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 29.34 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

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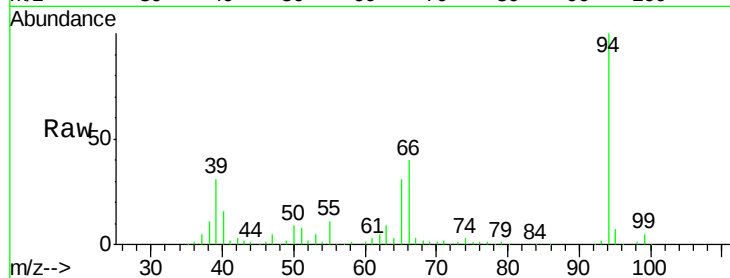
Tgt Ion: 94 Resp: 410518

Ion Ratio Lower Upper

94 100

65 30.8 7.2 47.2

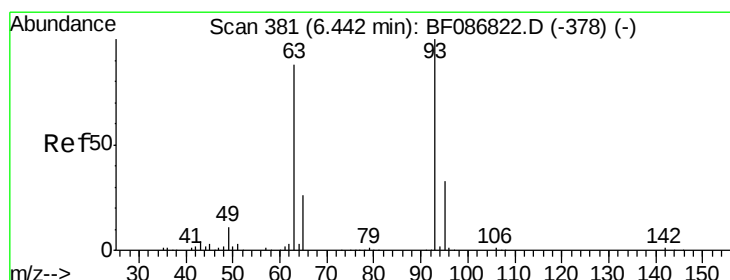
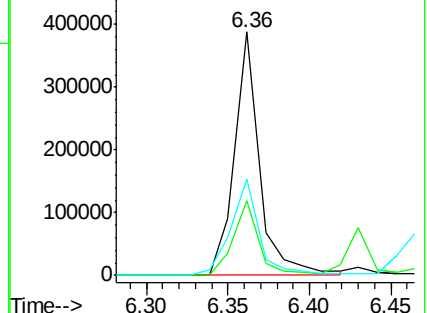
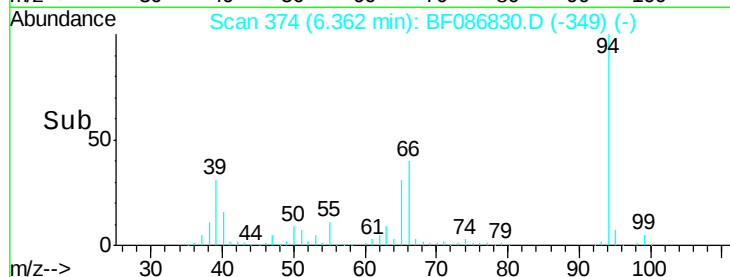
66 39.7 14.9 54.9



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 23.22 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

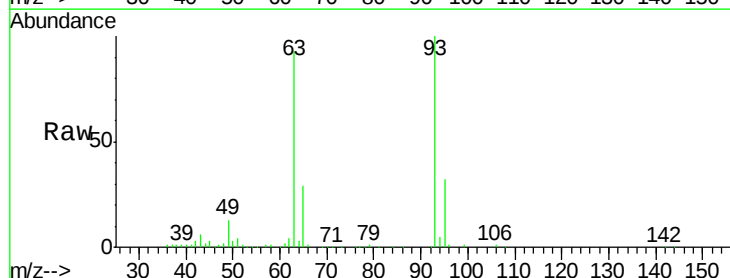
Tgt Ion: 93 Resp: 253322

Ion Ratio Lower Upper

93 100

63 93.0 58.0 98.0

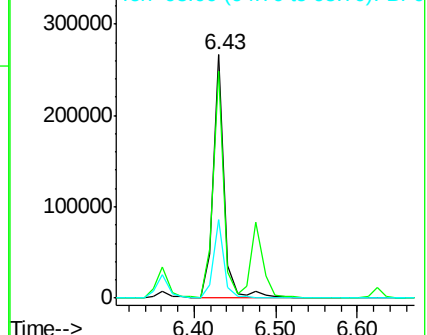
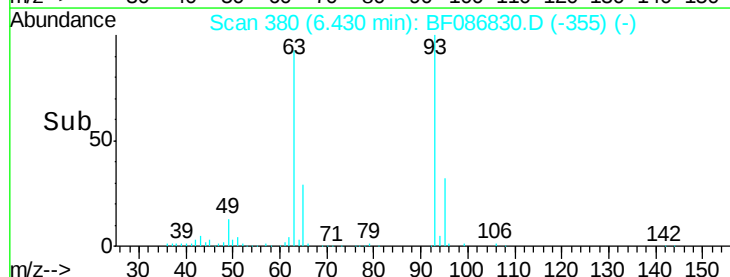
95 32.0 11.9 51.9

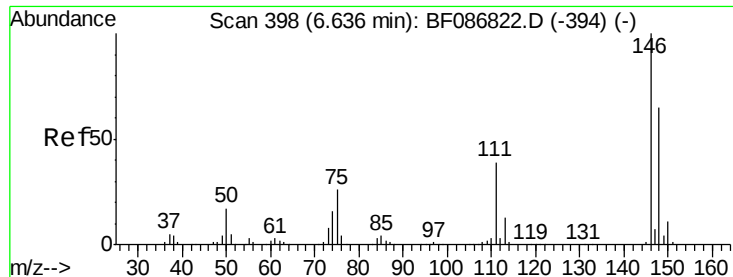


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 45.90 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.23 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOILD

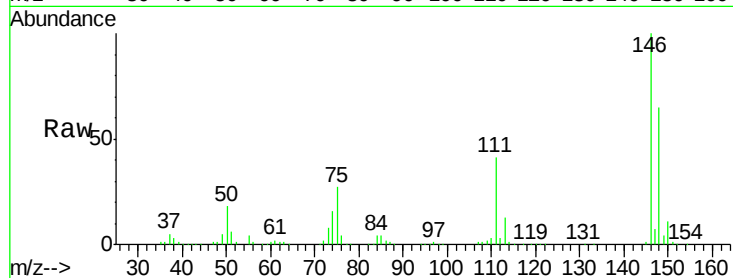
Tgt Ion:146 Resp: 527893

Ion Ratio Lower Upper

146 100

148 65.0 52.4 78.6

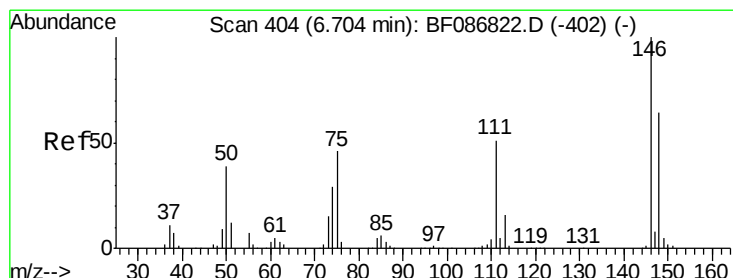
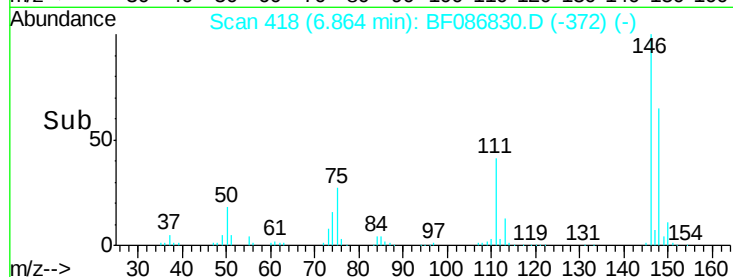
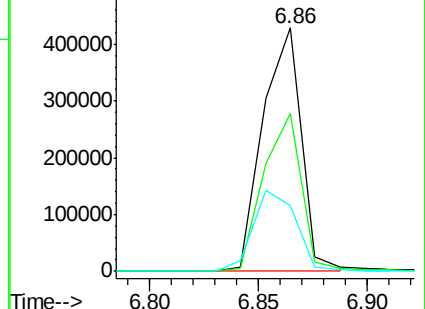
75 27.2 22.8 34.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 45.71 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.16 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

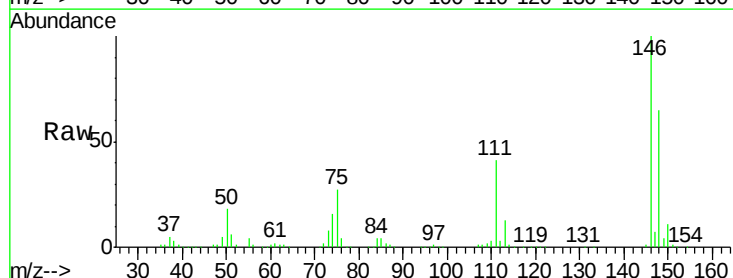
Tgt Ion:146 Resp: 536198

Ion Ratio Lower Upper

146 100

148 65.0 52.2 78.4

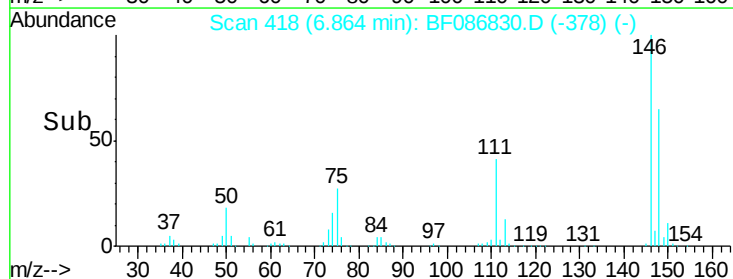
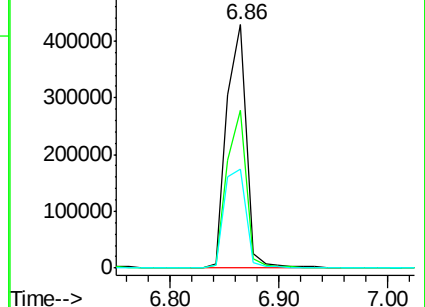
111 40.9 30.7 46.1

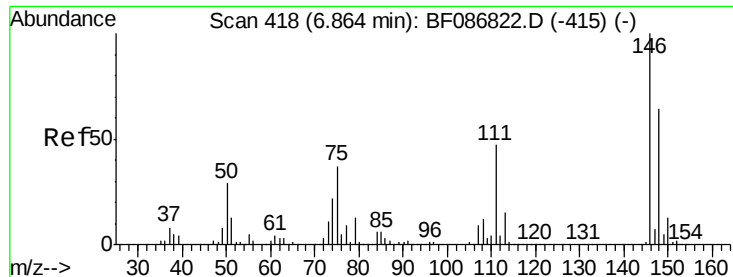


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

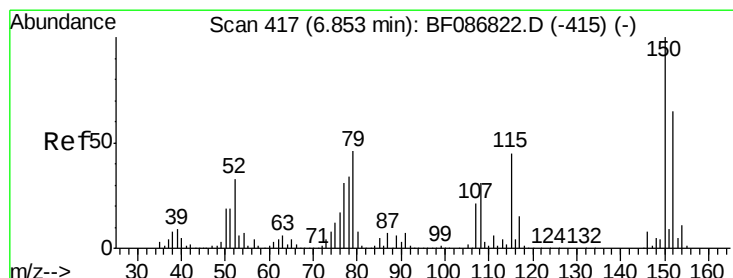
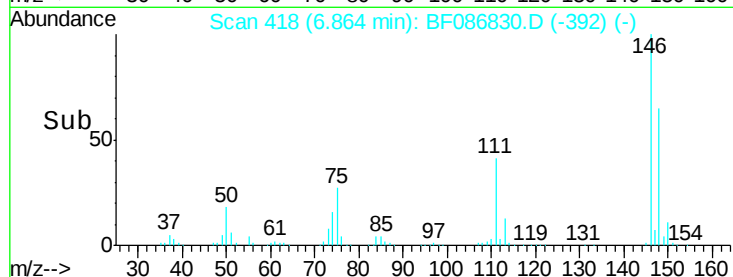
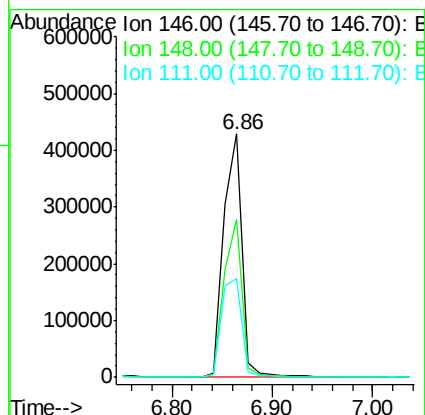
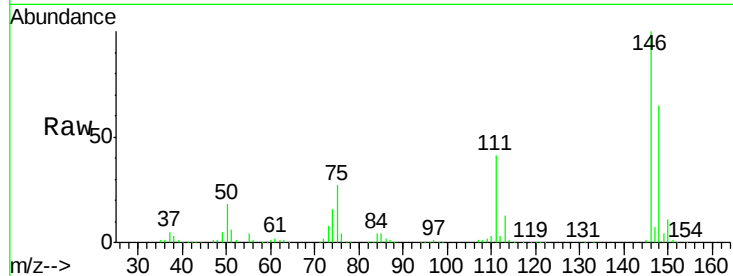




#14
1,2-Dichlorobenzene
Concen: 52.50 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF086830.D
Acq: 9 May 2016 18:48

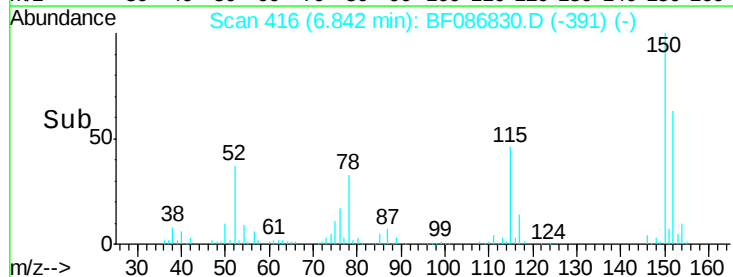
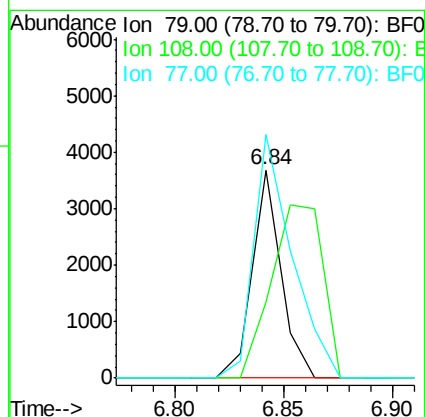
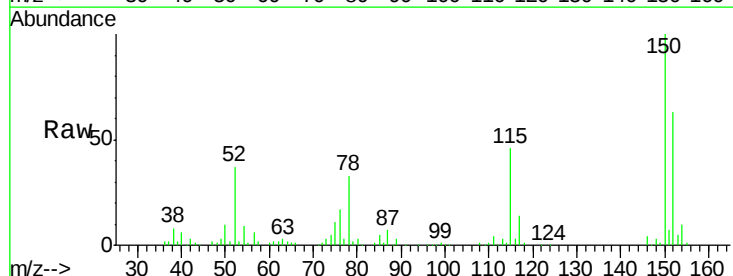
Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOILD

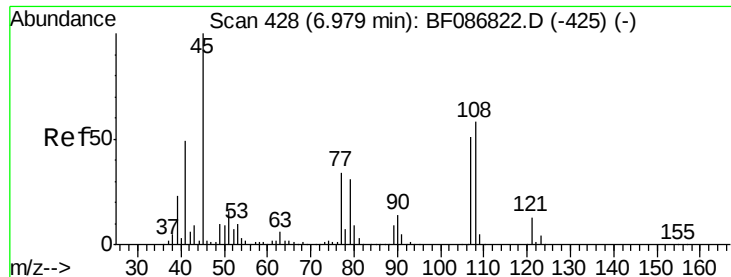
Tgt Ion:146 Resp: 536752
Ion Ratio Lower Upper
146 100
148 65.0 51.0 76.6
111 40.9 36.2 54.4



#15
Benzyl Alcohol
Concen: 0.42 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF086830.D
Acq: 9 May 2016 18:48

Tgt Ion: 79 Resp: 3380
Ion Ratio Lower Upper
79 100
108 36.5 68.4 102.6#
77 117.0 50.6 76.0#

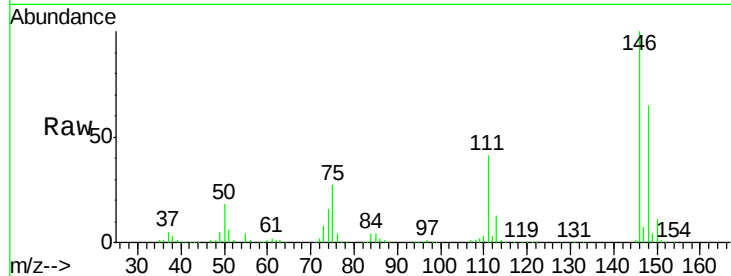




#17
2-Methylphenol
Concen: 0.44 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.11 min
Lab File: BF086830.D
Acq: 9 May 2016 18:48

Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOILD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	106.3	93.7	140.5
77	31.2	33.4	50.0#
79	0.0	34.3	51.5#



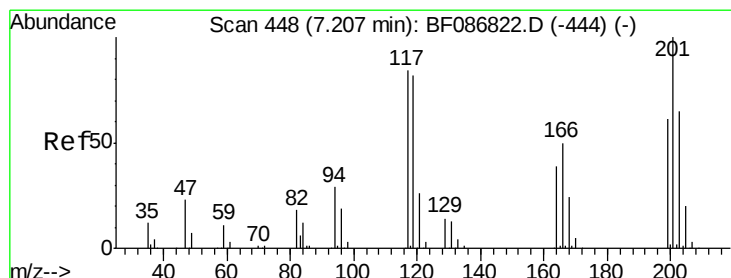
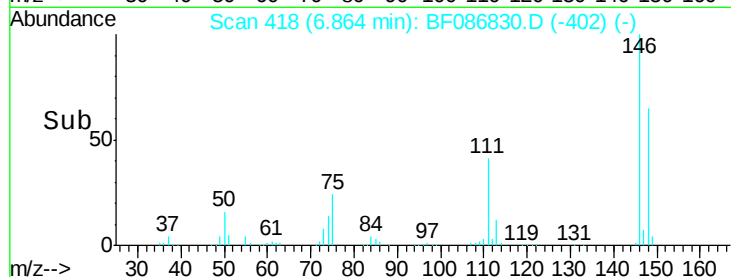
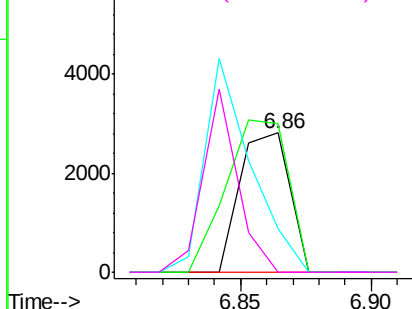
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

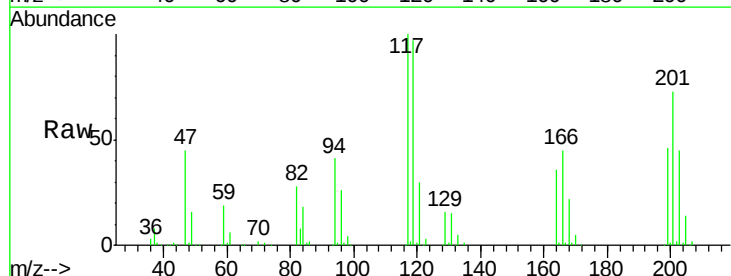
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 41.74 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF086830.D
Acq: 9 May 2016 18:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.5	114.7
201	72.9	63.0	94.6

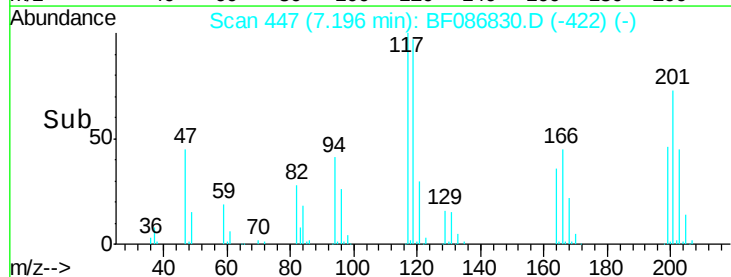
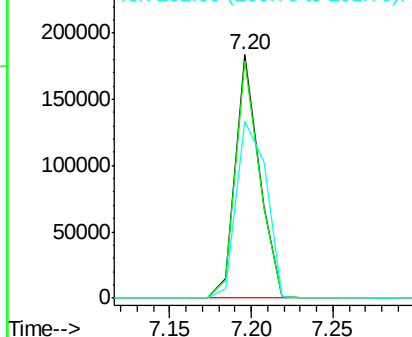


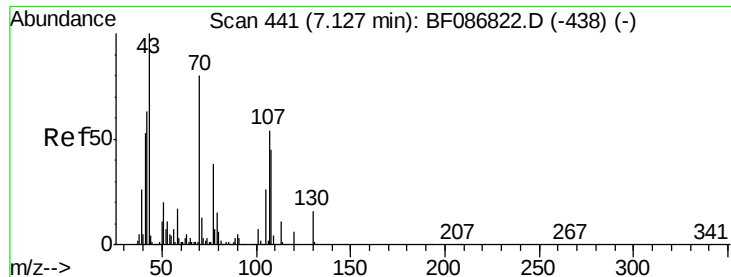
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

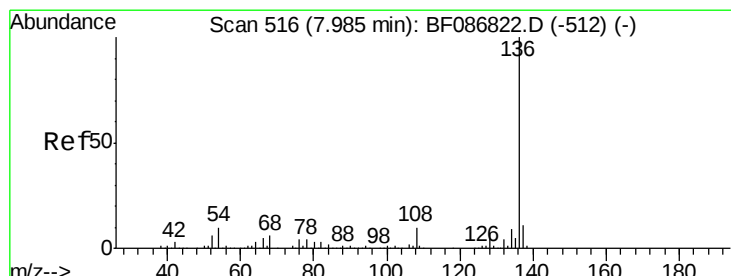
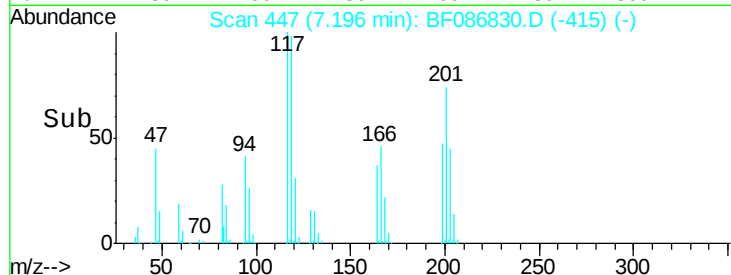
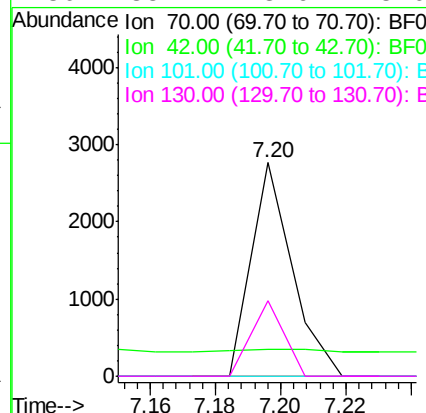
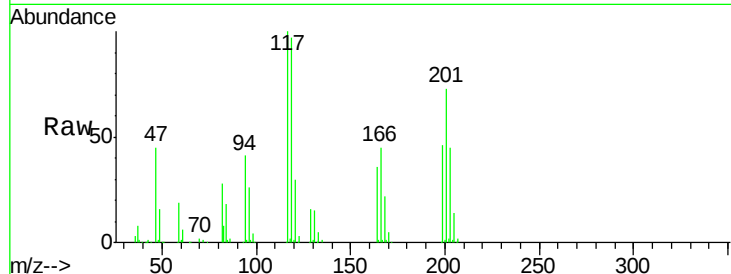




#19
n-Nitroso-di-n-propylamine
Concen: 0.29 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.07 min
Lab File: BF086830.D
Acq: 9 May 2016 18:48

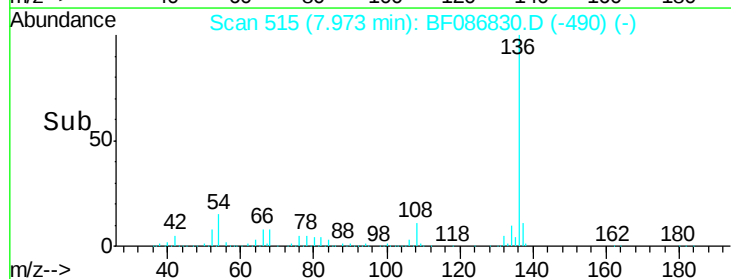
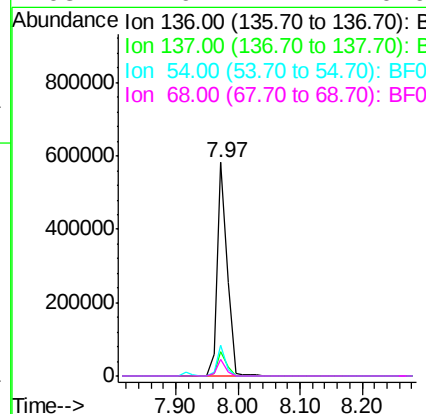
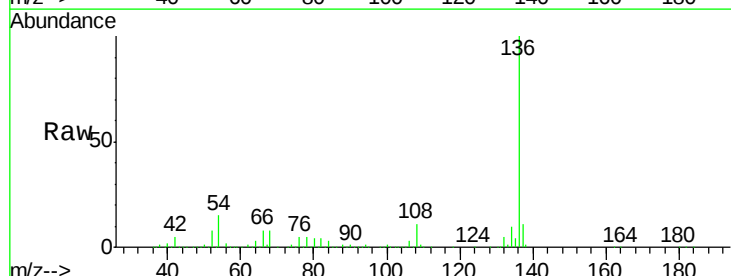
Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOILD

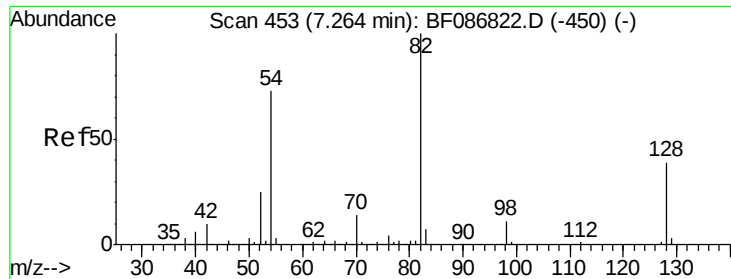
Tgt Ion: 70 Resp: 2369
Ion Ratio Lower Upper
70 100
42 12.5 43.1 64.7#
101 0.0 8.1 12.1#
130 35.4 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF086830.D
Acq: 9 May 2016 18:48

Tgt Ion: 136 Resp: 633958
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 14.6 5.0 7.4#
68 7.9 4.4 6.6#

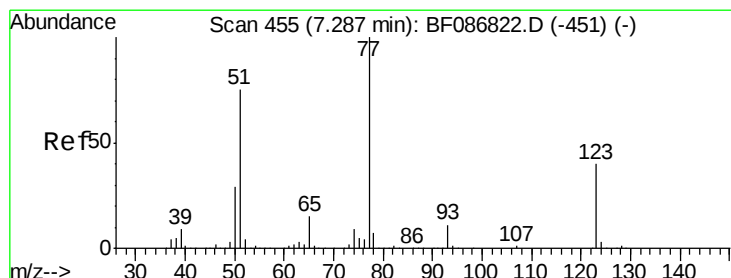
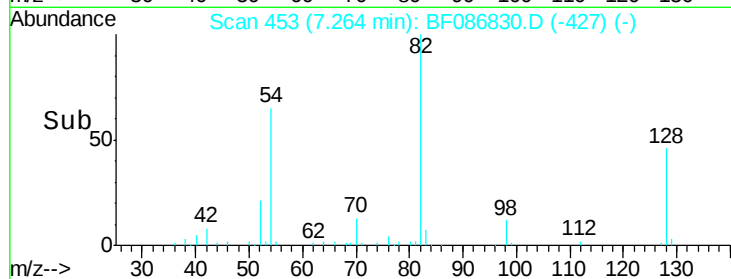
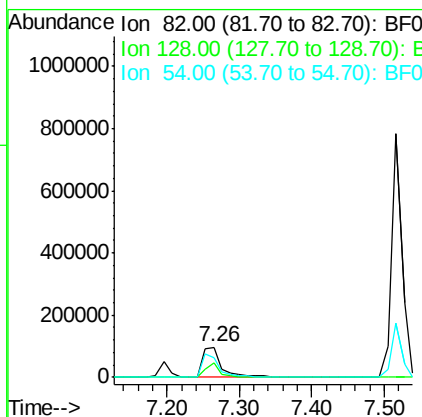
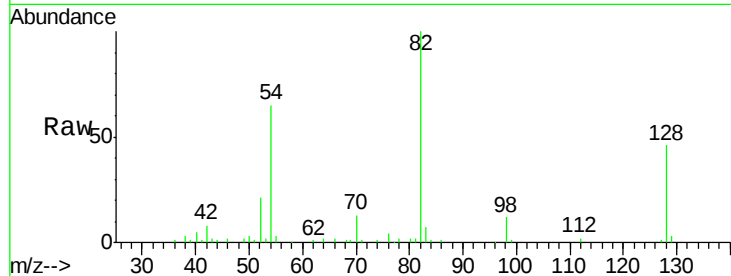




#23
 Nitrobenzene-d5
 Concen: 14.08 ng
 RT: 7.26 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF086830.D
 Acq: 9 May 2016 18:48

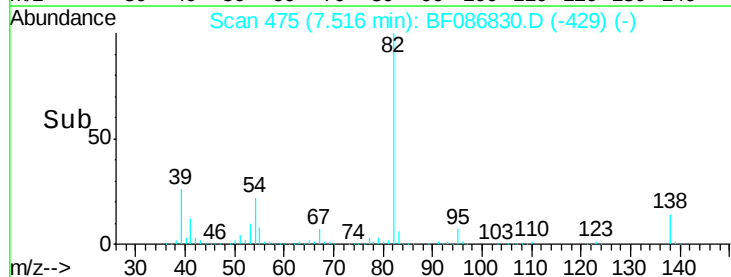
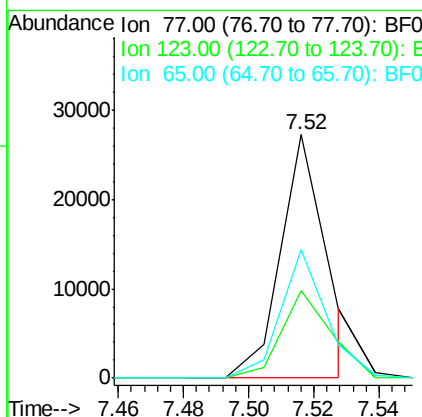
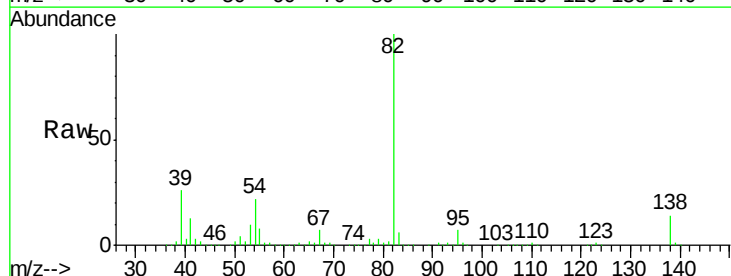
Instrument :
 BNA_F
 ClientSampleID :
 PT-BNA-SOILD

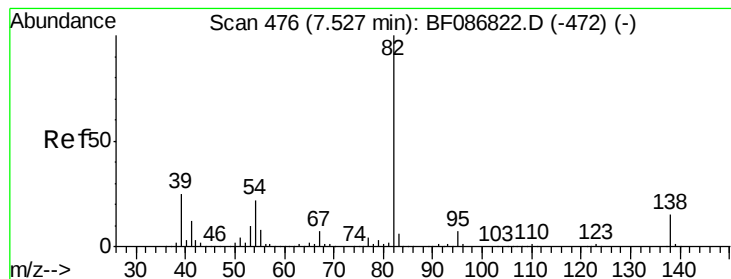
Tgt Ion: 82 Resp: 177794
 Ion Ratio Lower Upper
 82 100
 128 46.5 40.6 61.0
 54 64.7 38.1 57.1#



#24
 Nitrobenzene
 Concen: 2.05 ng
 RT: 7.52 min Scan# 475
 Delta R.T. 0.23 min
 Lab File: BF086830.D
 Acq: 9 May 2016 18:48

Tgt Ion: 77 Resp: 26650
 Ion Ratio Lower Upper
 77 100
 123 35.7 33.0 49.4
 65 53.0 10.8 16.2#





#25

Isophorone

Concen: 33.76 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOILDL

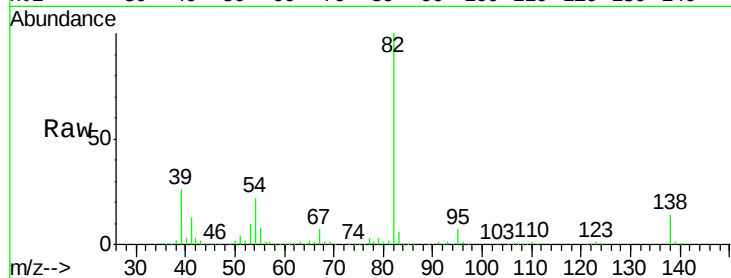
Tgt Ion: 82 Resp: 790829

Ion Ratio Lower Upper

82 100

95 6.8 5.1 7.7

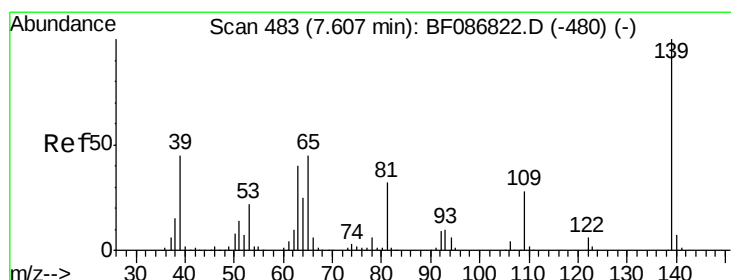
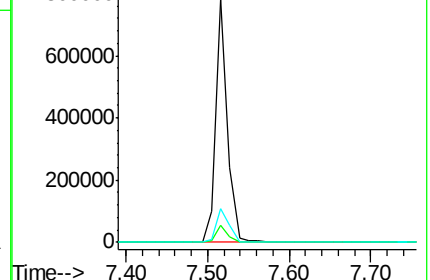
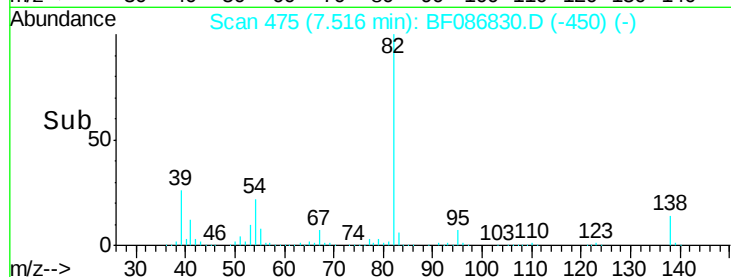
138 14.0 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 2.12 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.09 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

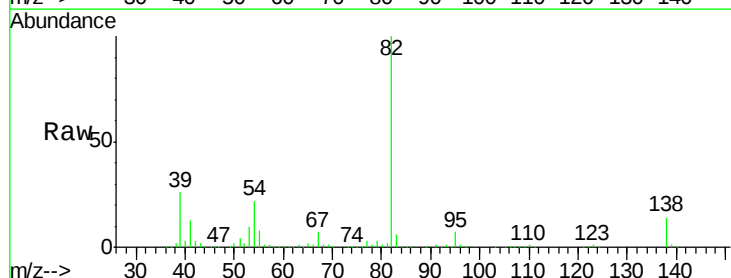
Tgt Ion: 139 Resp: 12100

Ion Ratio Lower Upper

139 100

109 19.3 19.5 29.3#

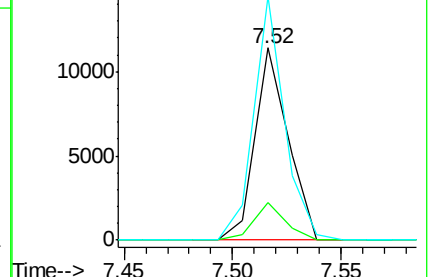
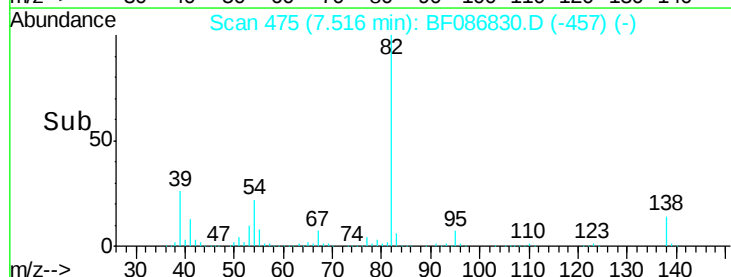
65 126.9 37.5 56.3#

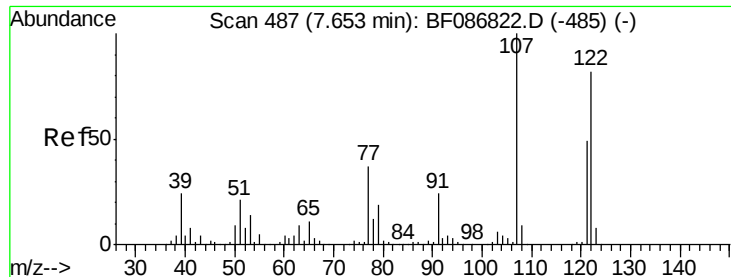


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 0.03 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.14 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOILD

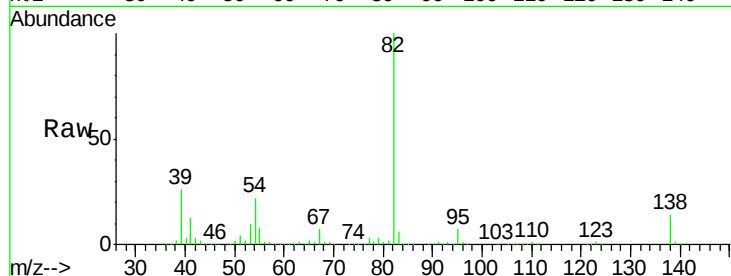
Tgt Ion:122 Resp: 250

Ion Ratio Lower Upper

122 100

107 549.5 82.0 123.0#

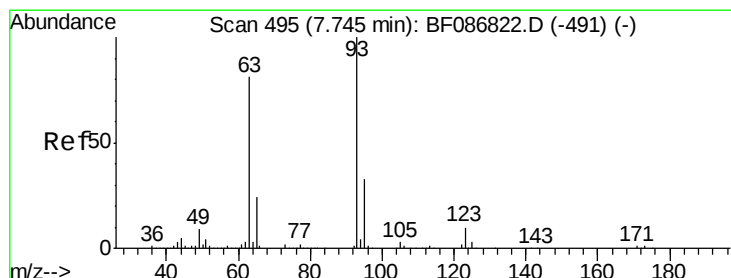
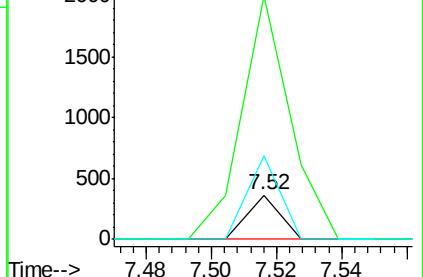
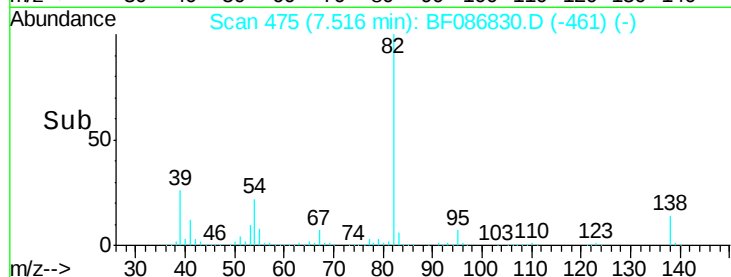
121 189.0 46.1 69.1#



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: 0.03 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.17 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

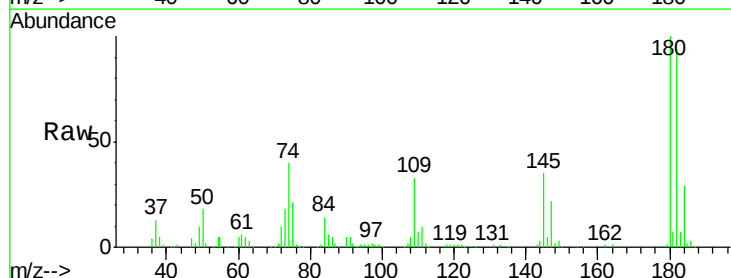
Tgt Ion: 93 Resp: 333

Ion Ratio Lower Upper

93 100

95 353.5 26.0 39.0#

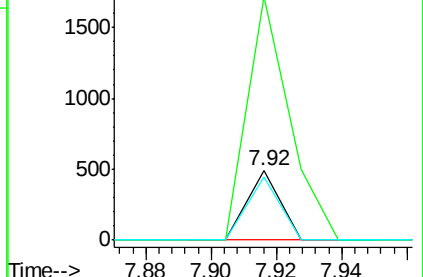
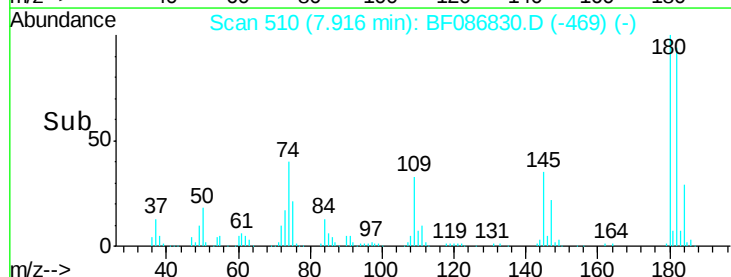
123 91.2 9.5 14.3#

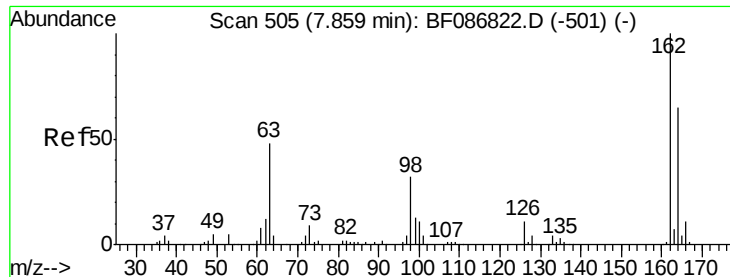


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

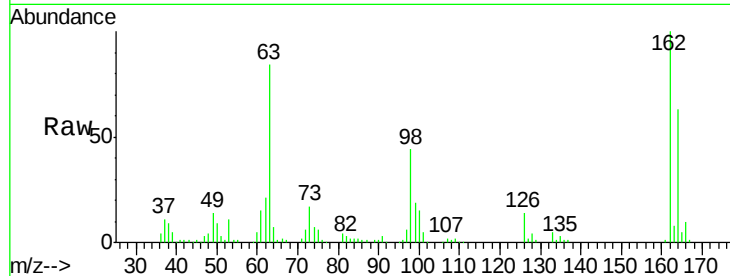




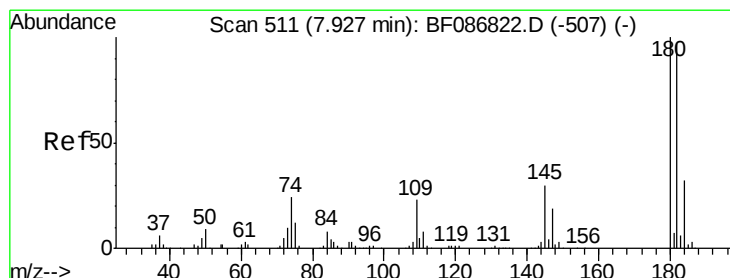
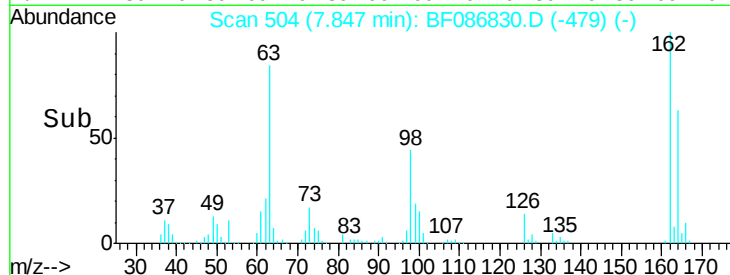
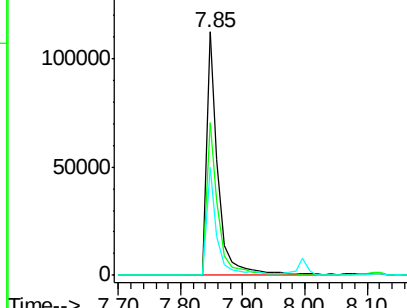
#29
 2,4-Dichlorophenol
 Concen: 16.62 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF086830.D
 Acq: 9 May 2016 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.0	42.2	82.2
98	44.3	19.0	59.0

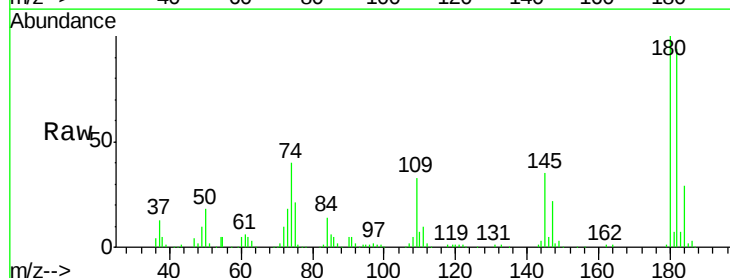


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

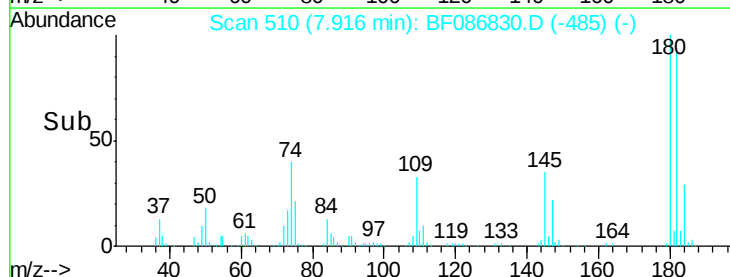
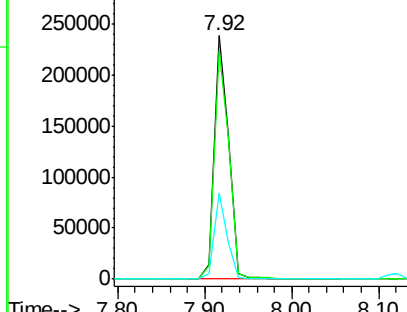


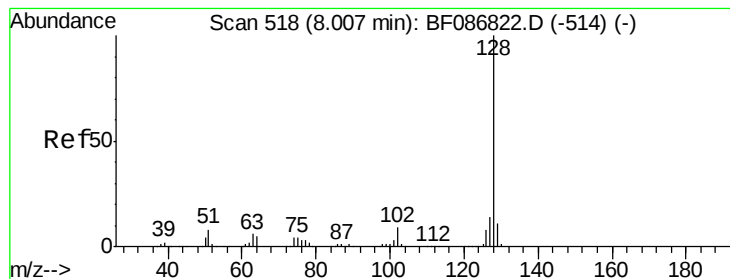
#30
 1,2,4-Trichlorobenzene
 Concen: 29.31 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF086830.D
 Acq: 9 May 2016 18:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	78.0	117.0
145	35.2	24.2	36.2



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





#31

Naphthalene

Concen: 14.62 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOILDL

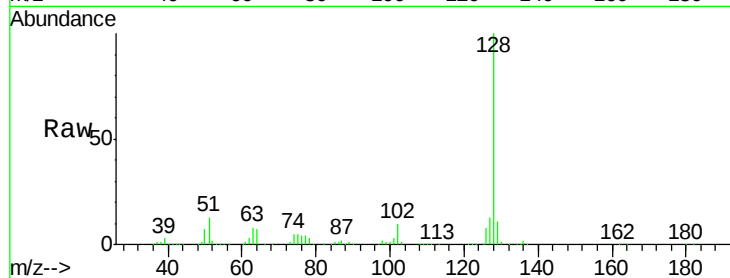
Tgt Ion:128 Resp: 464184

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

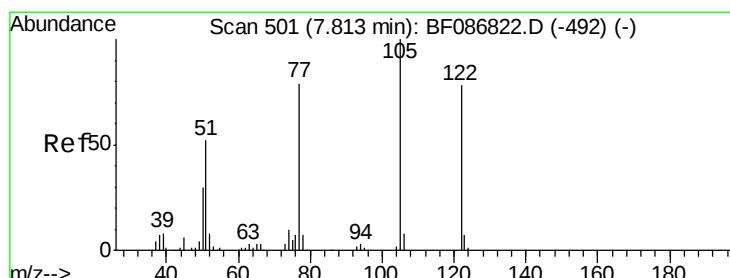
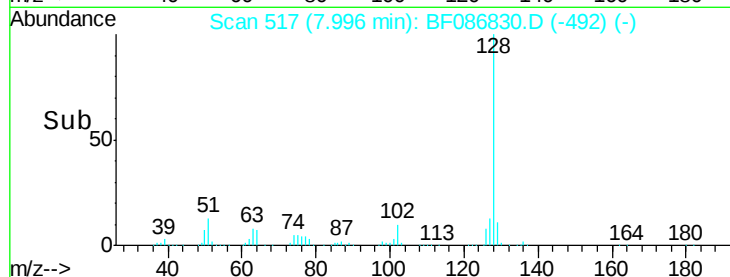
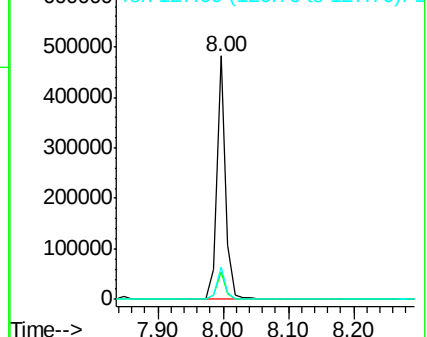
127 13.4 10.8 16.2



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: 0.29 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.10 min

Lab File: BF086830.D

Acq: 9 May 2016 18:48

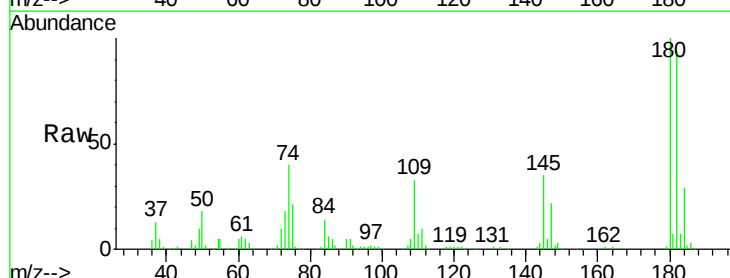
Tgt Ion:122 Resp: 1669

Ion Ratio Lower Upper

122 100

105 0.0 92.6 132.6#

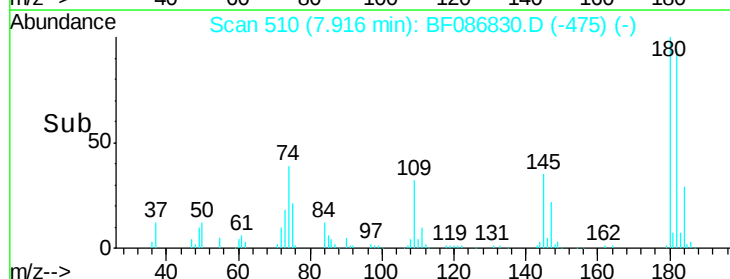
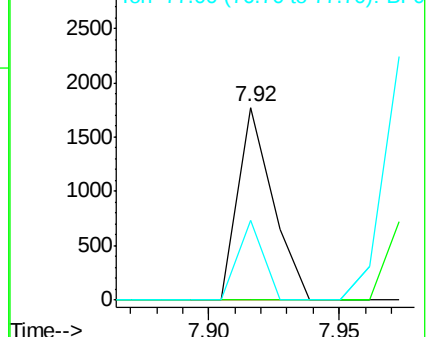
77 41.6 60.0 100.0#

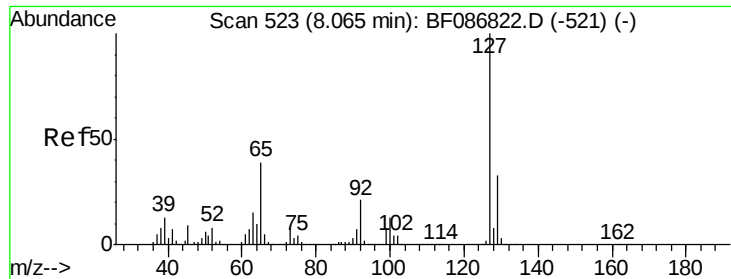


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

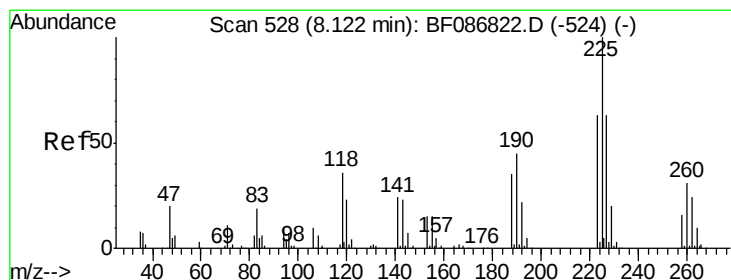
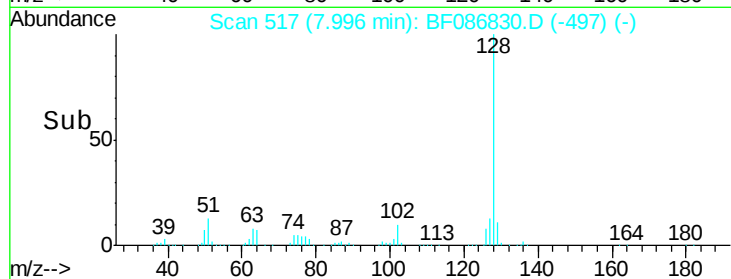
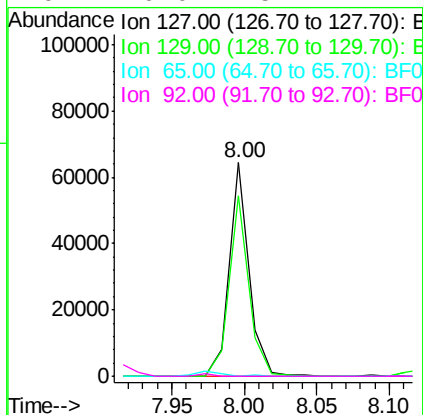
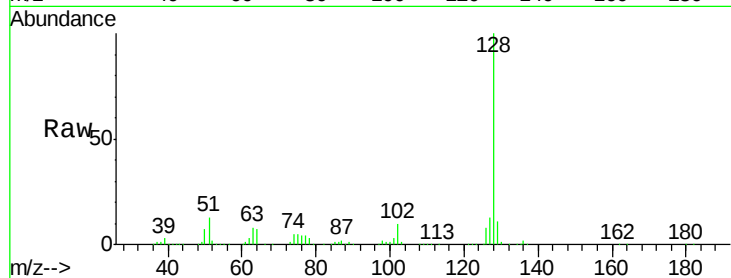




#33
 4-Chloroaniline
 Concen: 4.93 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.07 min
 Lab File: BF086830.D
 Acq: 9 May 2016 18:48

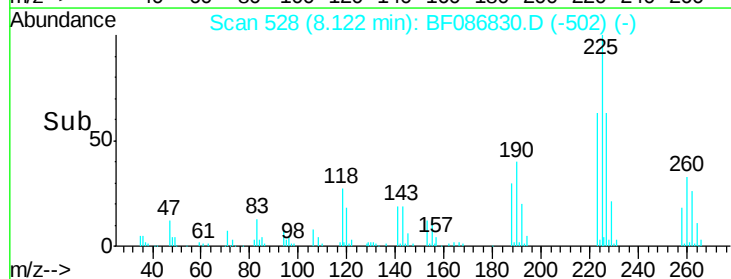
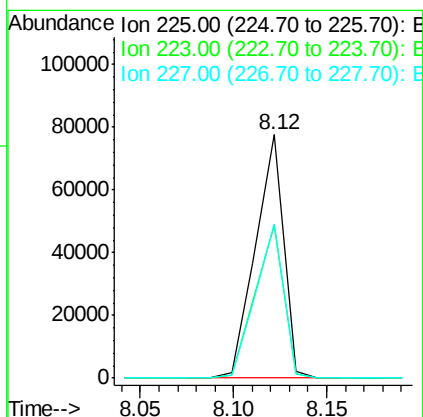
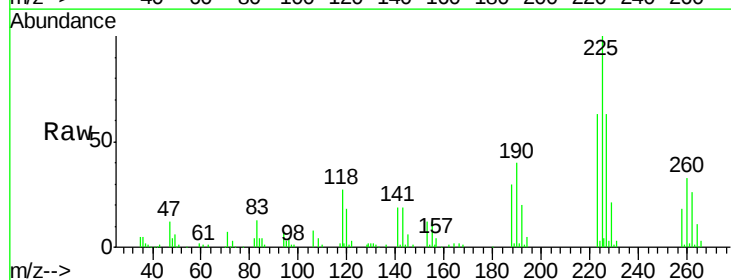
Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

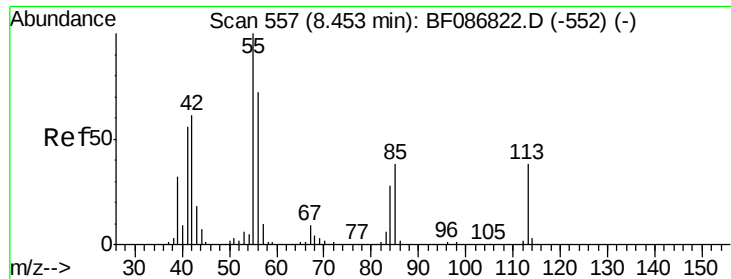
Tgt Ion:	127	Resp:	60846
Ion	Ratio	Lower	Upper
127	100		
129	84.4	26.2	39.4#
65	0.0	23.0	34.4#
92	0.0	15.1	22.7#



#34
 Hexachlorobutadiene
 Concen: 14.58 ng
 RT: 8.12 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: BF086830.D
 Acq: 9 May 2016 18:48

Tgt Ion:	225	Resp:	80940
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.5	77.3
227	63.1	52.2	78.2

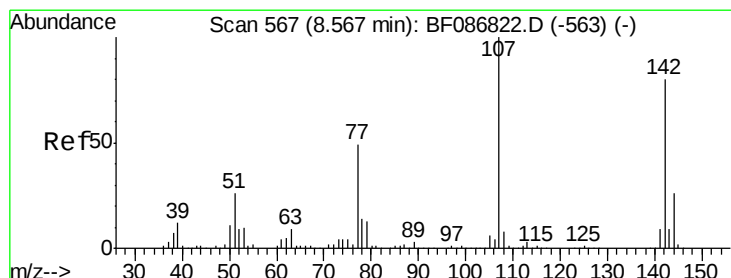
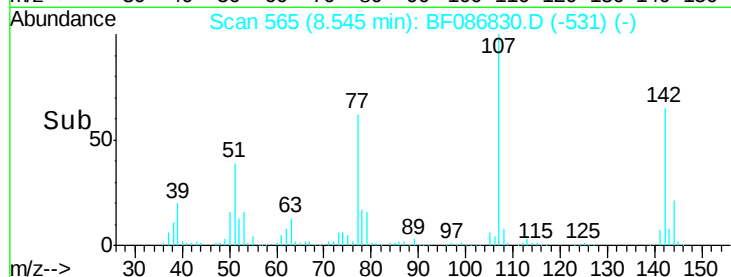
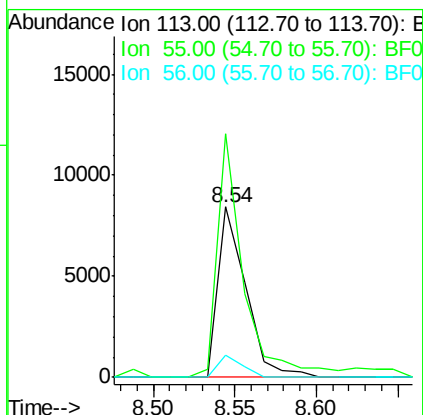
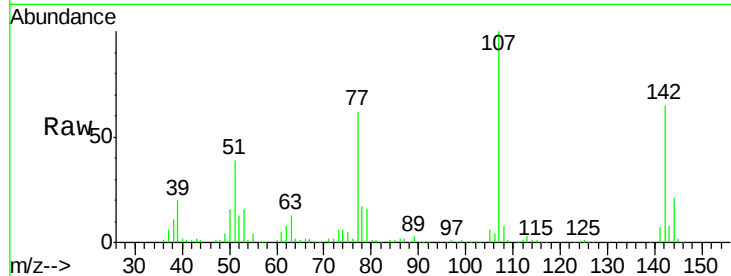




#35
 Caprolactam
 Concen: 3.43 ng
 RT: 8.54 min Scan# 565
 Delta R.T. 0.09 min
 Lab File: BF086830.D
 Acq: 9 May 2016 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

Tgt Ion:113 Resp: 9990
 Ion Ratio Lower Upper
 113 100
 55 142.9 162.0 202.0#
 56 13.1 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 35.44 ng
 RT: 8.54 min Scan# 565
 Delta R.T. -0.02 min
 Lab File: BF086830.D
 Acq: 9 May 2016 18:48

Tgt Ion:107 Resp: 367877
 Ion Ratio Lower Upper
 107 100
 144 20.6 20.7 31.1#
 142 65.1 63.2 94.8

