

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
 Data File : BF080226.D
 Acq On : 30 Jun 2015 2:44
 Operator : TP/IZ
 Sample : G2819-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOILMS

Manual Integrations
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 6/30/2015 2:19:50 PM

Quant Time: Jun 30 12:10:39 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	28529	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	111117	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	56509	20.00	ng	-0.03
63) Phenanthrene-d10	11.86	188	112114	20.00	ng	-0.05
75) Chrysene-d12	14.77	240	124371	20.00	ng	-0.23
86) Perylene-d12	16.61	264	124571	20.00	ng	-0.32

System Monitoring Compounds

5) 2-Fluorophenol	5.91	112	264971	164.41	ng	-0.02
7) Phenol-d6	6.90	99	380654	177.49	ng	-0.02
23) Nitrobenzene-d5	7.85	82	232316	121.71	ng	-0.02
41) 2,4,6-Tribromophenol	11.16	330	88076	159.39	ng	-0.02
44) 2-Fluorobiphenyl	9.66	172	406917	102.69	ng	-0.03
78) Terphenyl-d14	13.52	244	475680	89.32	ng	-0.15

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.14	88	30969	40.43	ng	87
3) Pyridine	3.97	79	103720	50.91	ng	# 81
4) n-Nitrosodimethylamine	3.88	42	50338	51.99	ng	99
6) Aniline	6.95	93	138632	46.98	ng	94
8) 2-Chlorophenol	7.08	128	103170	55.39	ng	87
9) Benzaldehyde	6.84	77	47052	38.00	ng	# 71
10) Phenol	6.92	94	149417	63.84	ng	76
11) bis(2-Chloroethyl)ether	7.02	93	95536	51.45	ng	87
12) 1,3-Dichlorobenzene	7.24	146	114086	50.98	ng	# 91
13) 1,4-Dichlorobenzene	7.32	146	120092	56.43	ng	96
14) 1,2-Dichlorobenzene	7.46	146	106900m	51.62	ng	
15) Benzyl Alcohol	7.42	79	90663	51.70	ng	# 73
16) 2,2'-oxybis(1-Chloropropan	7.56	45	162570	58.98	ng	90
17) 2-Methylphenol	7.53	107	84420	53.06	ng	# 88
18) Hexachloroethane	7.82	117	38322	54.08	ng	# 79
19) n-Nitroso-di-n-propylamine	7.69	70	77696	52.18	ng	# 76
20) 3+4-Methylphenols	7.68	107	116378	56.68	ng	89
22) Acetophenone	7.69	105	141603	54.68	ng	# 81
24) Nitrobenzene	7.88	77	110490	56.08	ng	# 77
25) Isophorone	8.10	82	194853	50.73	ng	# 82
26) 2-Nitrophenol	8.20	139	54000	65.49	ng	# 74
27) 2,4-Dimethylphenol	8.22	122	102822	59.80	ng	# 82
28) bis(2-Chloroethoxy)methane	8.31	93	120673	53.47	ng	# 91
29) 2,4-Dichlorophenol	8.44	162	94915	64.46	ng	97
30) 1,2,4-Trichlorobenzene	8.53	180	103556	61.93	ng	98
31) Naphthalene	8.61	128	306326m	52.73	ng	
33) 4-Chloroaniline	8.64	127	97879	39.37	ng	# 83
34) Hexachlorobutadiene	8.73	225	53318	51.78	ng	96
35) Caprolactam	8.98	113	26210	54.84	ng	94
36) 4-Chloro-3-methylphenol	9.12	107	90695	54.60	ng	92
37) 2-Methylnaphthalene	9.30	142	217509	57.88	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	101314	61.61	ng	97
40) Hexachlorocyclopentadiene	9.46	237	58036	69.48	ng	98
42) 2,4,6-Trichlorophenol	9.58	196	63868	57.08	ng	99

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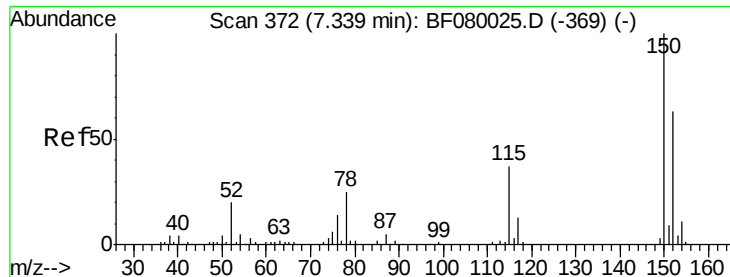
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.61	196	62247	48.29	ng	# 87
45) 1,1'-Biphenyl	9.76	154	238307	51.83	ng	91
46) 2-Chloronaphthalene	9.80	162	203405	54.53	ng	94
47) 2-Nitroaniline	9.88	65	53292	52.04	ng	# 57
48) Acenaphthylene	10.22	152	343858	55.23	ng	97
49) Dimethylphthalate	10.06	163	293373	69.05	ng	# 97
50) 2,6-Dinitrotoluene	10.12	165	44817	52.62	ng	# 41
51) Acenaphthene	10.39	154	185013	48.57	ng	89
52) 3-Nitroaniline	10.29	138	49304	50.17	ng	# 45
53) 2,4-Dinitrophenol	10.40	184	3482	15.14	ng	# 1
54) Dibenzofuran	10.56	168	287222	53.14	ng	# 89
55) 4-Nitrophenol	10.44	139	58340	74.28	ng	# 33
56) 2,4-Dinitrotoluene	10.53	165	66055	61.12	ng	# 84
57) Fluorene	10.92	166	221465	51.64	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.68	232	47316	43.48	ng	# 99
59) Diethylphthalate	10.76	149	208776	48.80	ng	96
60) 4-Chlorophenyl-phenylether	10.89	204	108477	52.63	ng	# 88
61) 4-Nitroaniline	10.90	138	52340	51.57	ng	# 49
62) Azobenzene	11.05	77	217836	50.02	ng	86
64) 4,6-Dinitro-2-methylphenol	10.94	198	10820	24.36	ng	77
65) n-Nitrosodiphenylamine	11.01	169	193205	52.92	ng	91
66) 4-Bromophenyl-phenylether	11.40	248	64217	53.87	ng	# 85
67) Hexachlorobenzene	11.48	284	71737	54.15	ng	# 78
68) Atrazine	11.53	200	63247	54.83	ng	82
69) Pentachlorophenol	11.66	266	53571	71.35	ng	97
70) Phenanthrene	11.89	178	361048	53.19	ng	97
71) Anthracene	11.94	178	357069	54.63	ng	99
72) Carbazole	12.09	167	312536	50.09	ng	97
73) Di-n-butylphthalate	12.41	149	366062	50.78	ng	# 99
74) Fluoranthene	13.13	202	383369	53.03	ng	88
76) Benzidine	13.25	184	302558	87.03	ng	# 98
77) Pyrene	13.39	202	398892	52.09	ng	97
79) Butylbenzylphthalate	14.06	149	158977	51.70	ng	93
80) Benzo(a)anthracene	14.76	228	385912	50.93	ng	96
81) 3,3'-Dichlorobenzidine	14.70	252	143121	54.77	ng	# 96
82) Chrysene	14.80	228	362619	51.90	ng	95
83) Bis(2-ethylhexyl)phthalate	14.73	149	228046	46.92	ng	# 94
84) Di-n-octyl phthalate	15.51	149	390692	46.91	ng	94
85) Indeno(1,2,3-cd)pyrene	18.45	276	448133	50.86	ng	# 88
87) Benzo(b)fluoranthene	16.08	252	381298	50.56	ng	# 86
88) Benzo(k)fluoranthene	16.12	252	401532	52.28	ng	# 88
89) Benzo(a)pyrene	16.53	252	390399	54.50	ng	# 88
90) Dibenzo(a,h)anthracene	18.46	278	372710	50.84	ng	# 83
91) Benzo(g,h,i)perylene	19.00	276	374882	50.64	ng	# 78

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF080226.D

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Instrument :

BNA_F

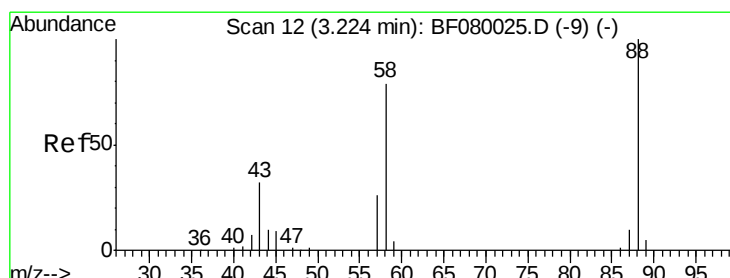
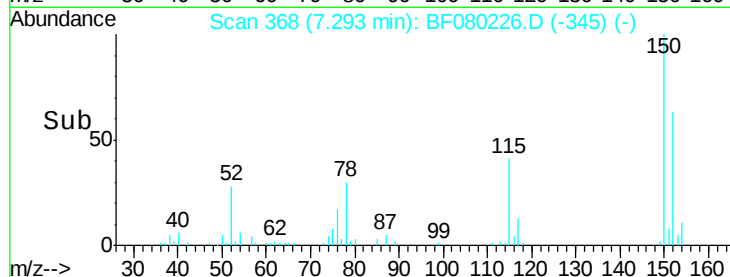
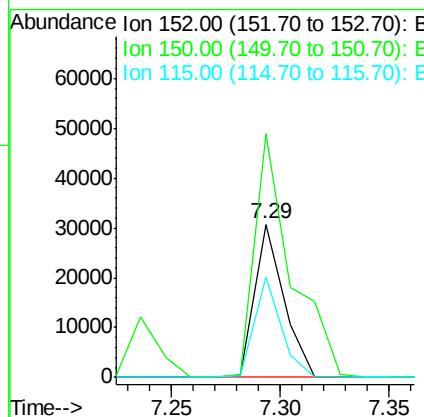
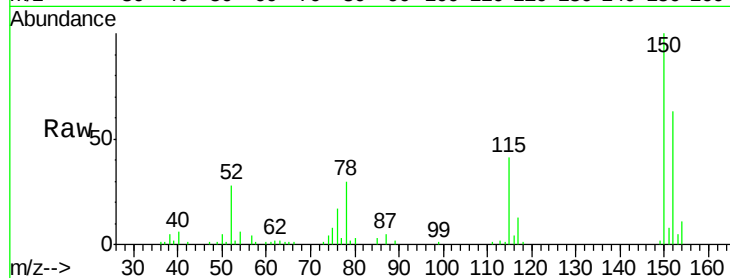
ClientSampleId :

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Tgt Ion:	152	Resp:	28529
Ion Ratio	Lower	Upper	
152	100		
150	159.3	124.7	187.1
115	65.3	39.0	58.4#



#2

1,4-Dioxane

Concen: 40.43 ng

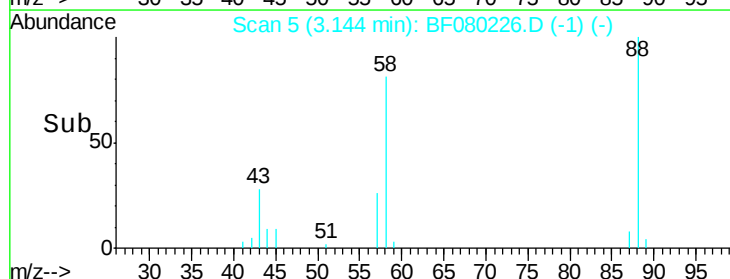
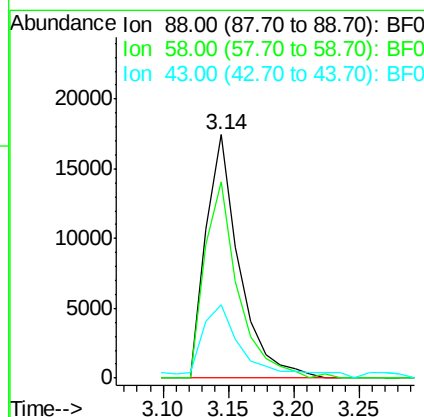
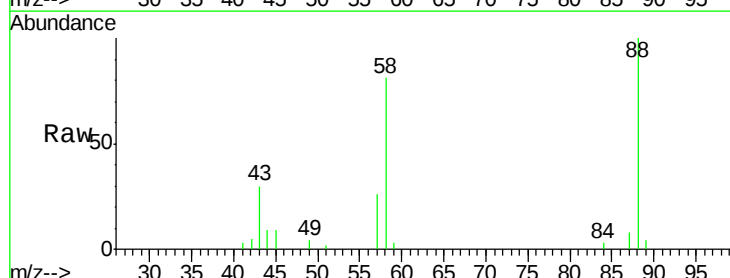
RT: 3.14 min Scan# 5

Delta R.T. -0.05 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Tgt Ion:	88	Resp:	30969
Ion Ratio	Lower	Upper	
88	100		
58	81.0	77.7	116.5
43	36.2	26.6	40.0





#3

Pyridine

Concen: 50.91 ng

RT: 3.97 min Scan# 77

Delta R.T. -0.03 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

ClientSampleId :

SOILMS

Tgt Ion: 79 Resp: 103720
Ion Ratio Lower Upper

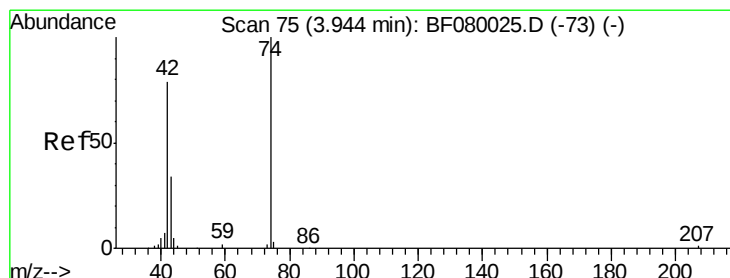
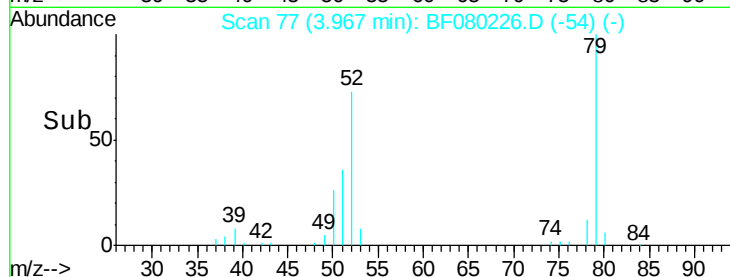
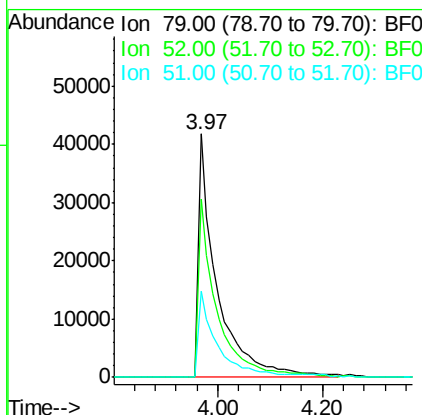
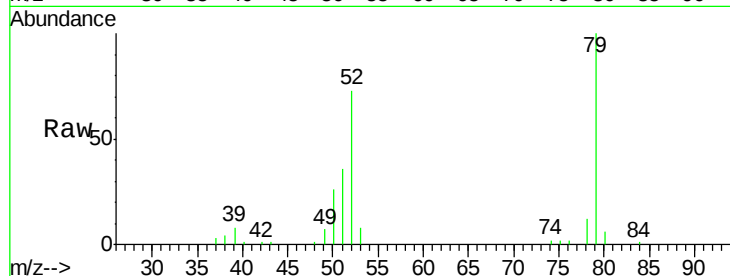
79 100

52 73.3 76.8 115.2#

51 35.5 32.2 48.4

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#4

n-Nitrosodimethylamine

Concen: 51.99 ng

RT: 3.88 min Scan# 69

Delta R.T. -0.05 min

Lab File: BF080226.D

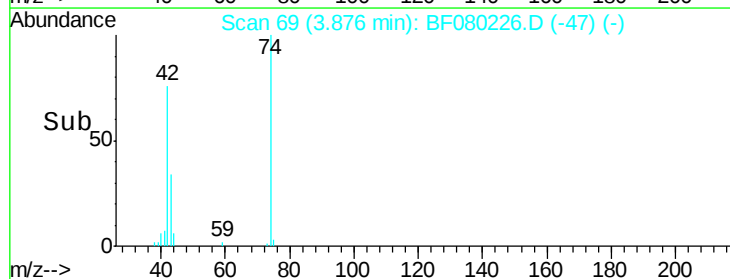
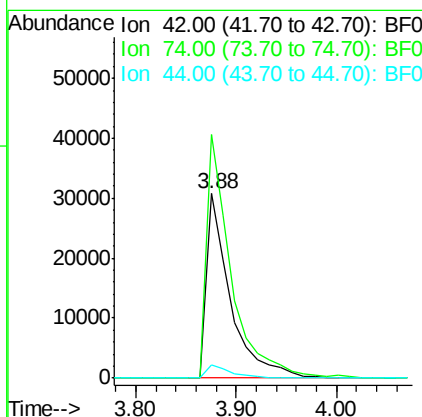
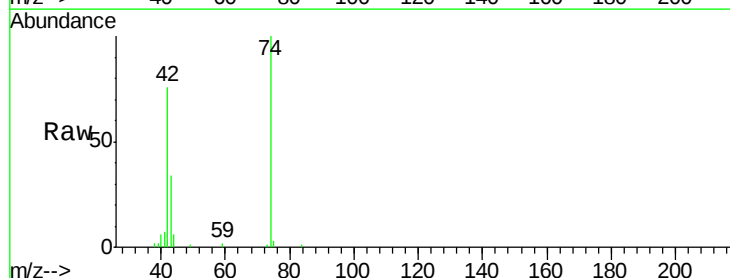
Acq: 30 Jun 2015 2:44

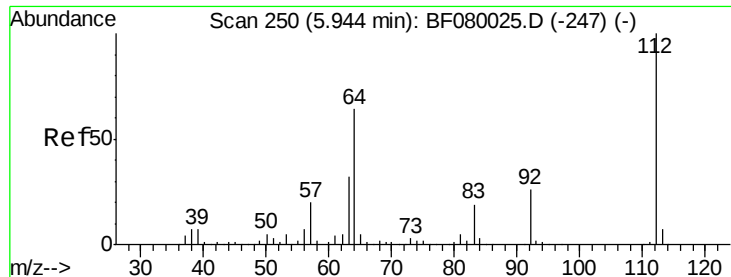
Tgt Ion: 42 Resp: 50338
Ion Ratio Lower Upper

42 100

74 131.9 105.0 157.6

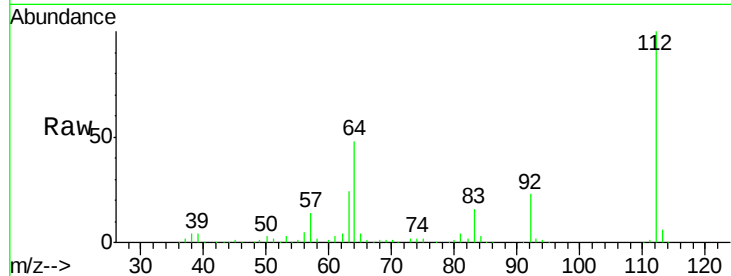
44 7.5 6.6 10.0





#5
 2-Fluorophenol
 Concen: 164.41 ng
 RT: 5.91 min Scan# 247
 Delta R.T. -0.02 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

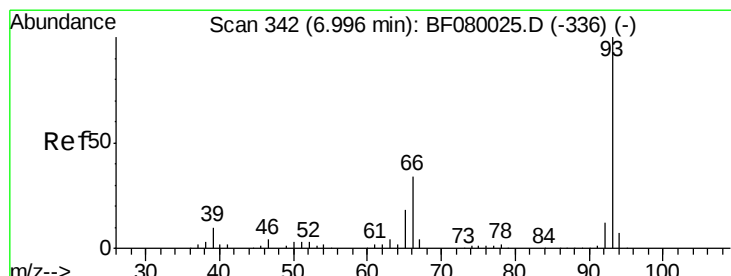
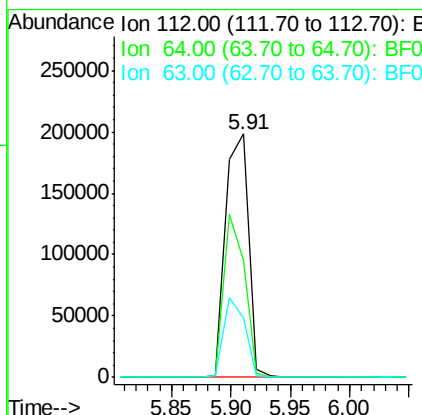
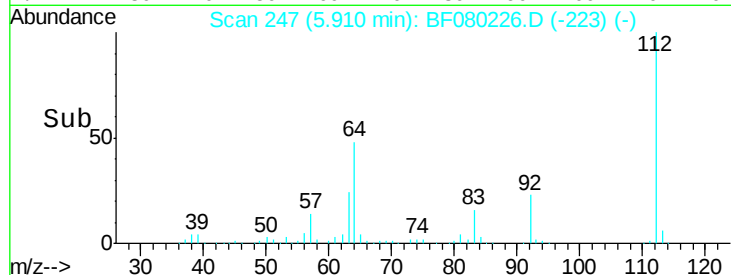
Instrument :
 BNA_F
 ClientSampled :
 SOILMS



Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	48.2	39.7	59.5
63	24.3	17.4	26.0

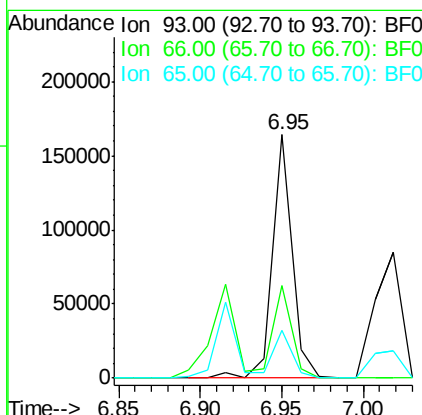
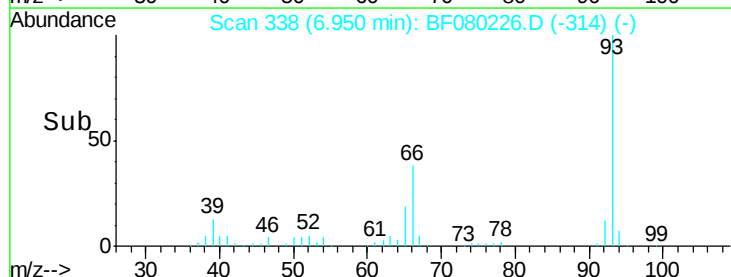
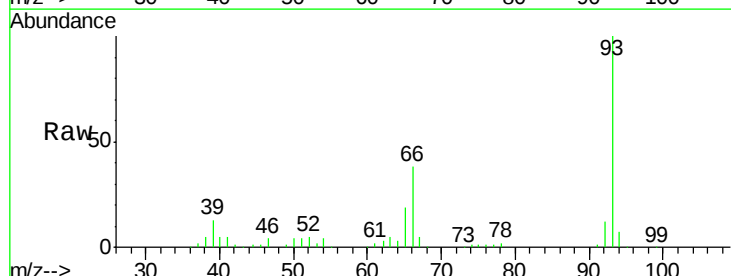
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#6
 Aniline
 Concen: 46.98 ng
 RT: 6.95 min Scan# 338
 Delta R.T. -0.02 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	38.2	27.2	40.8
65	19.4	14.7	22.1





#7

Phenol-d6

Concen: 177.49 ng

RT: 6.90 min Scan# 334

Delta R.T. -0.02 min

Lab File: BF080226.D

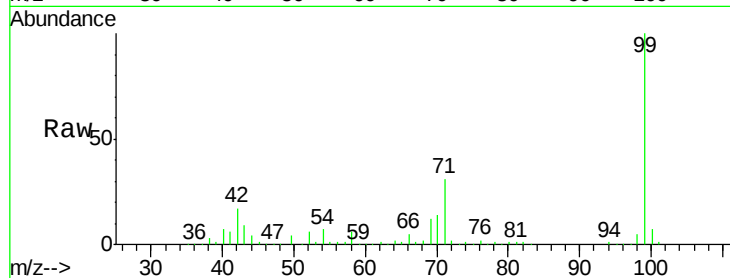
Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

ClientSampleId :

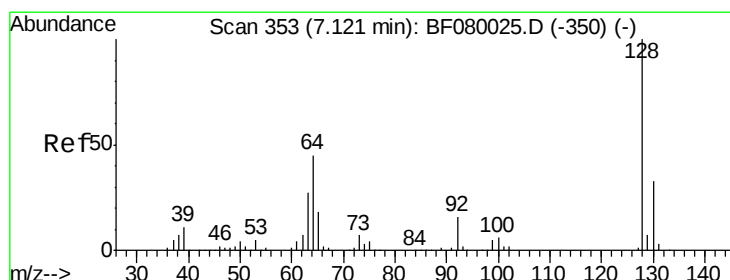
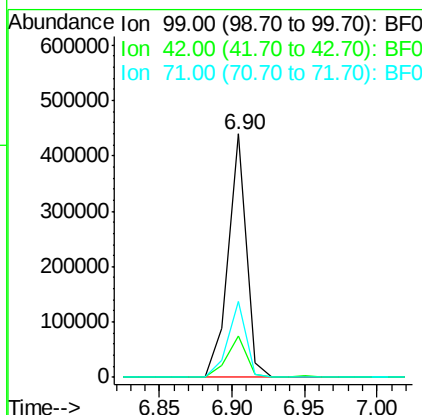
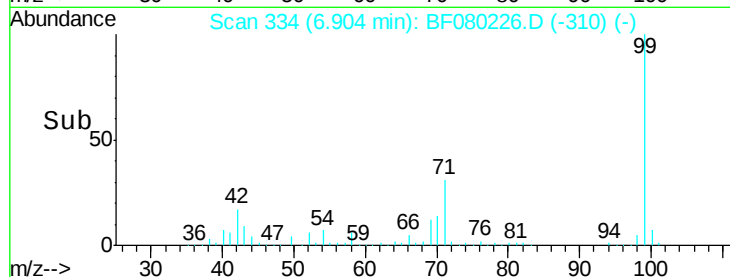
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Tgt Ion:	99	Resp:	380654
Ion Ratio	Lower	Upper	
99	100		
42	17.1	13.7	20.5
71	31.4	14.2	21.2#

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#8

2-Chlorophenol

Concen: 55.39 ng

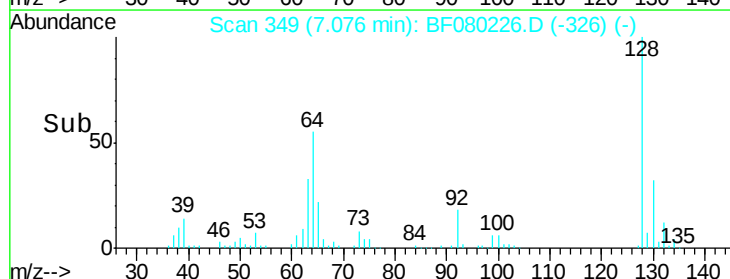
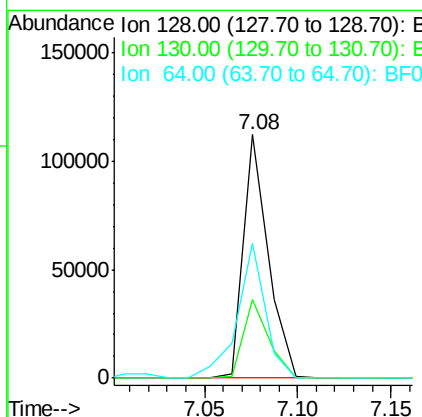
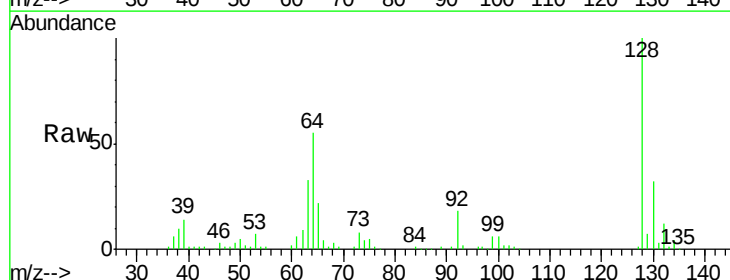
RT: 7.08 min Scan# 349

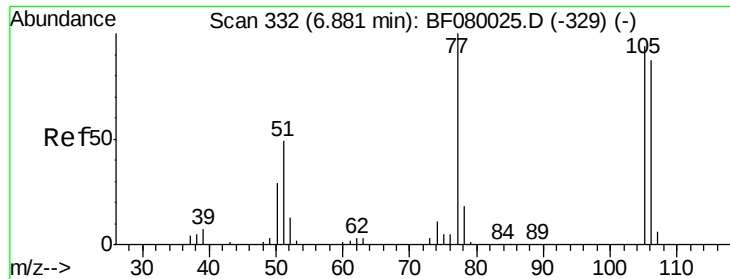
Delta R.T. -0.03 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Tgt Ion:	128	Resp:	103170
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.2	52.2
64	55.4	20.5	60.5





#9

Benzaldehyde

Concen: 38.00 ng

RT: 6.84 min Scan# 328

Delta R.T. -0.03 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 77 Resp: 47052
Ion Ratio Lower Upper

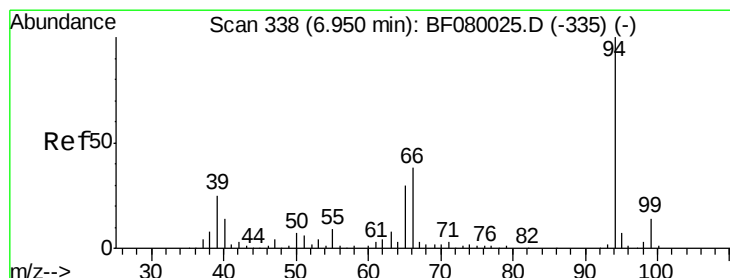
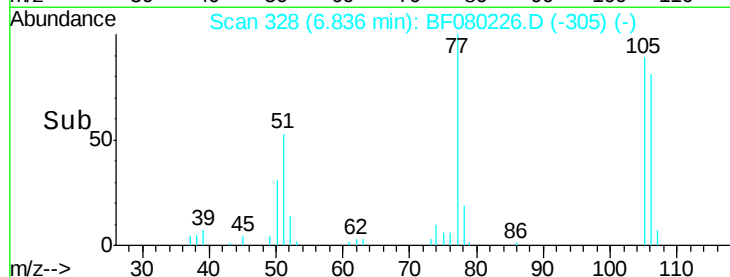
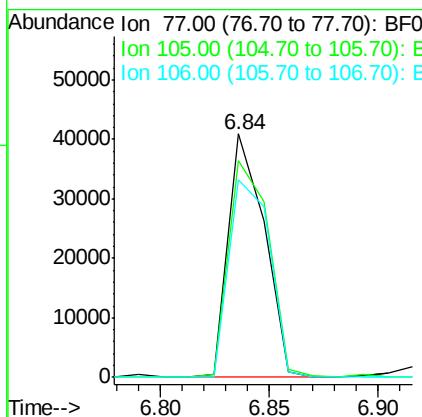
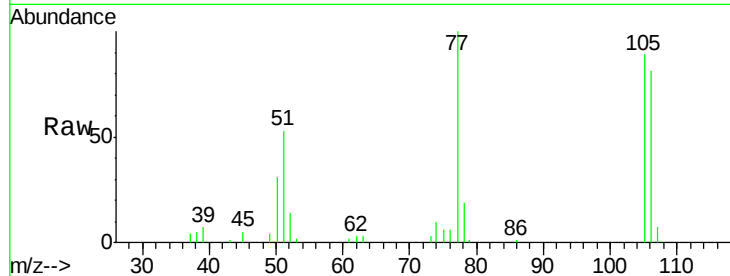
77 100

105 89.2 91.6 131.6#

106 81.3 102.6 142.6#

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#10

Phenol

Concen: 63.84 ng

RT: 6.92 min Scan# 335

Delta R.T. -0.02 min

Lab File: BF080226.D

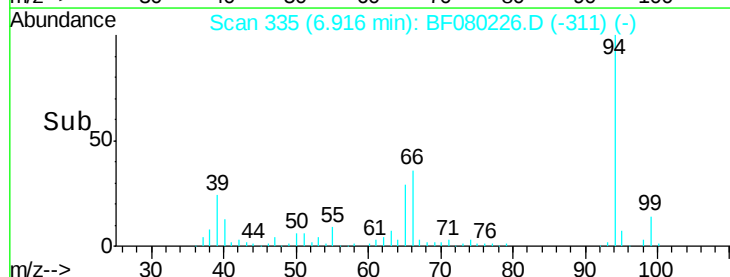
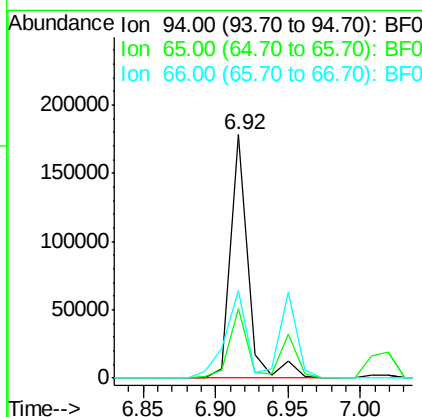
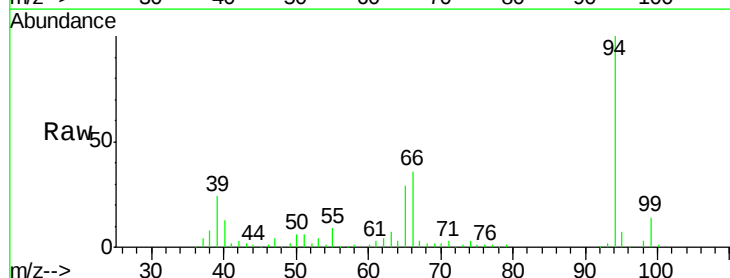
Acq: 30 Jun 2015 2:44

Tgt Ion: 94 Resp: 149417
Ion Ratio Lower Upper

94 100

65 28.6 0.7 40.7

66 35.7 0.8 40.8





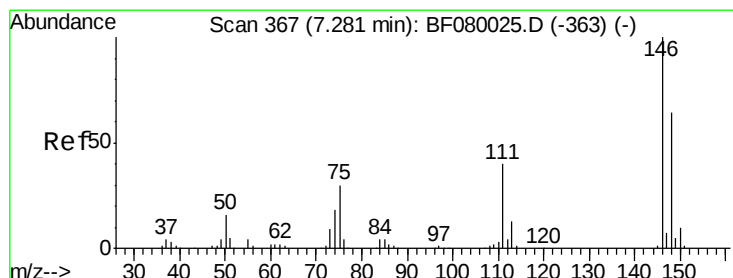
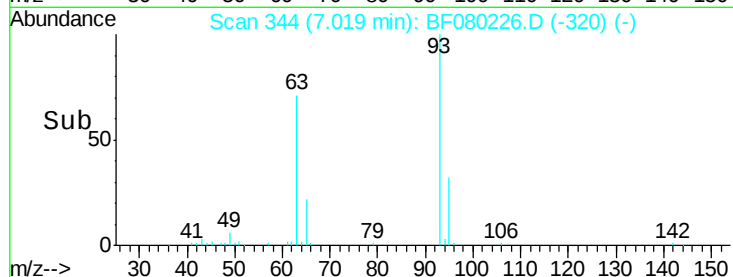
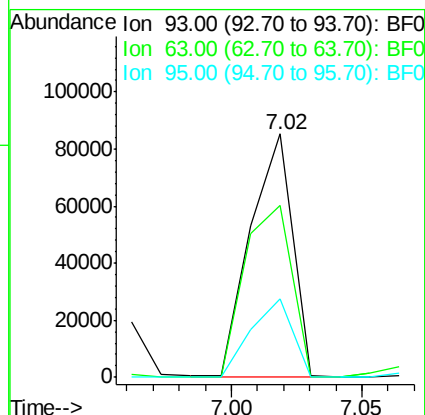
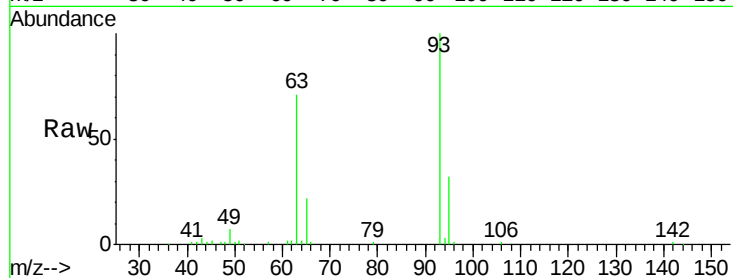
#11
bis(2-Chloroethyl)ether
Concen: 51.45 ng
RT: 7.02 min Scan# 344
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	70.5	65.6	105.6
95	32.2	13.6	53.6

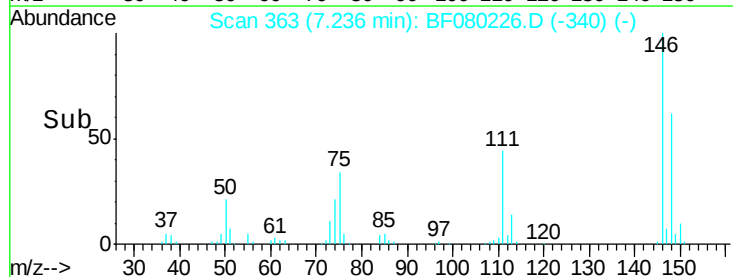
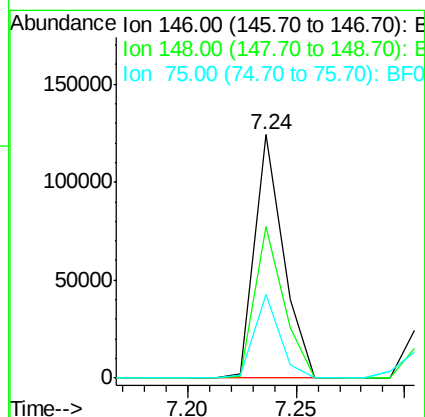
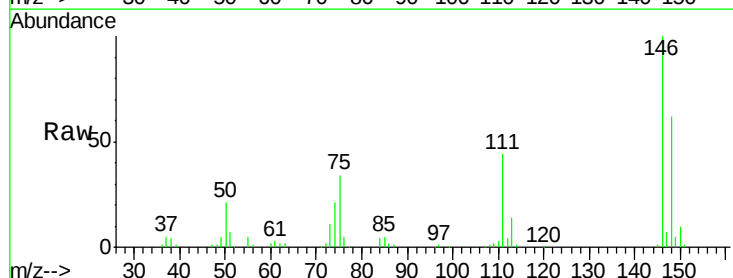
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#12
1,3-Dichlorobenzene
Concen: 50.98 ng
RT: 7.24 min Scan# 363
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	62.5	51.0	76.4
75	34.1	15.0	22.6





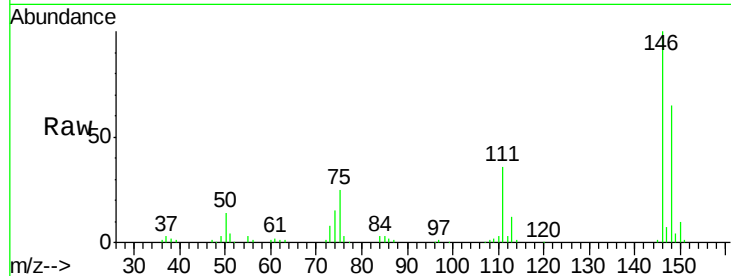
#13
1,4-Dichlorobenzene
Concen: 56.43 ng
RT: 7.32 min Scan# 370
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

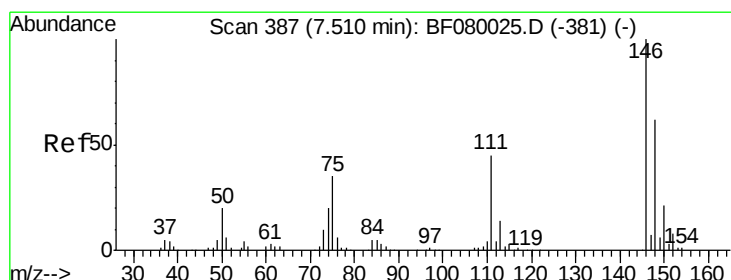
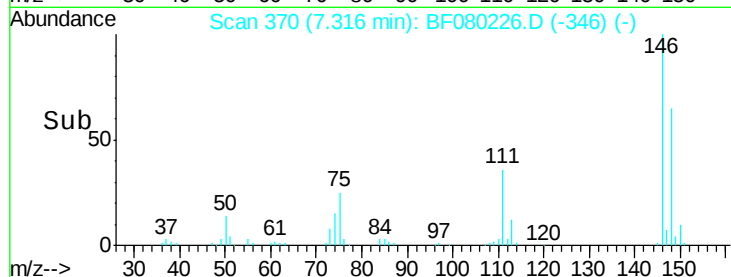
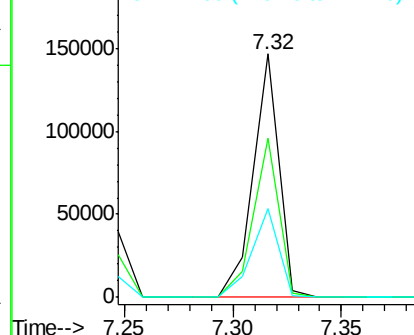
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.6
111	36.3	24.9	37.3

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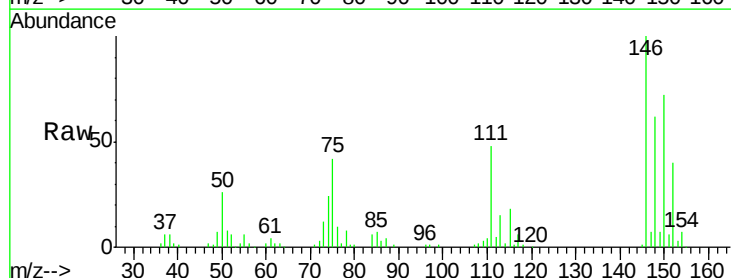


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

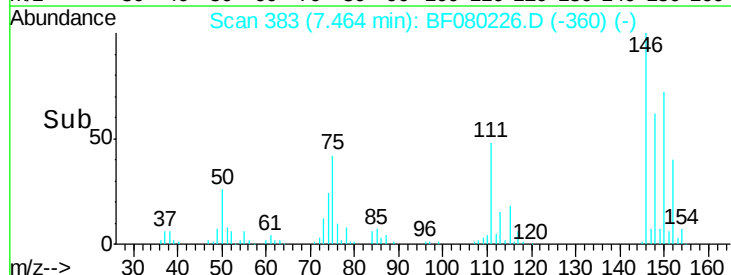
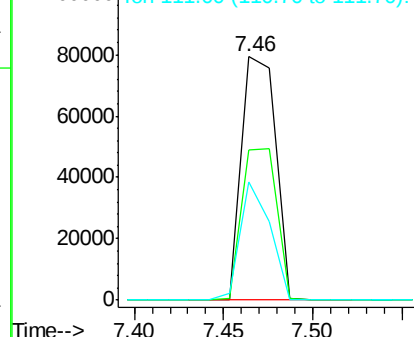


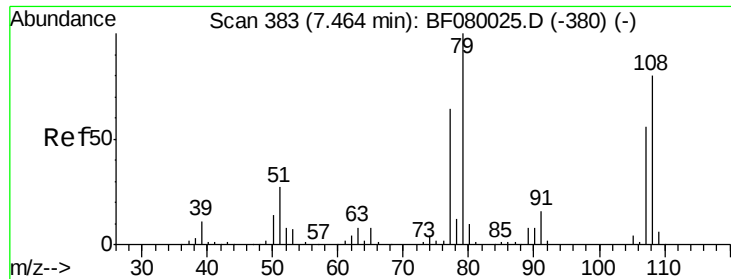
#14
1,2-Dichlorobenzene
Concen: 51.62 ng m
RT: 7.46 min Scan# 383
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	52.7	79.1
111	48.4	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





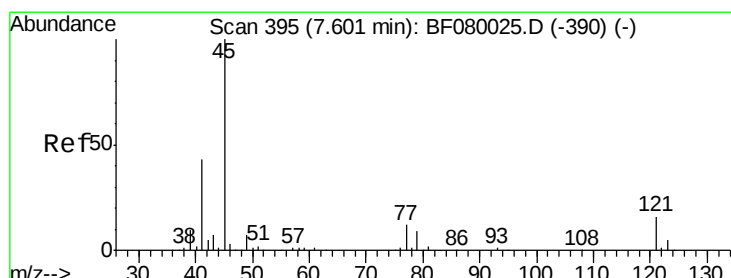
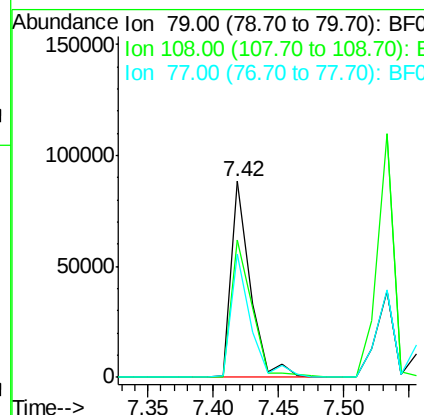
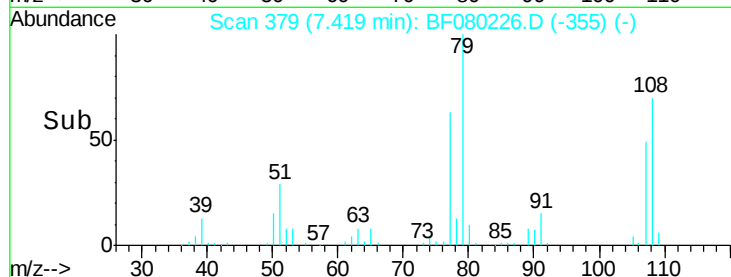
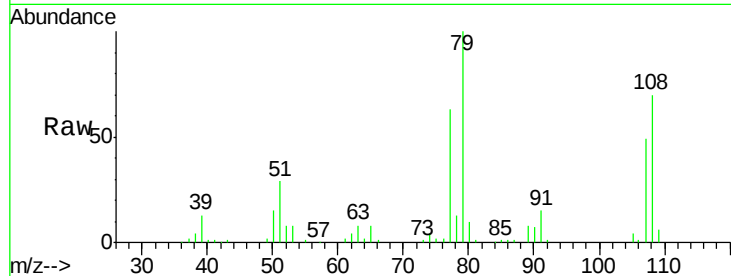
#15
Benzyl Alcohol
Concen: 51.70 ng
RT: 7.42 min Scan# 379
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampled :
SOILMS

Tgt Ion: 79 Resp: 90663
Ion Ratio Lower Upper
79 100
108 70.3 88.6 132.8#
77 62.6 47.0 70.4

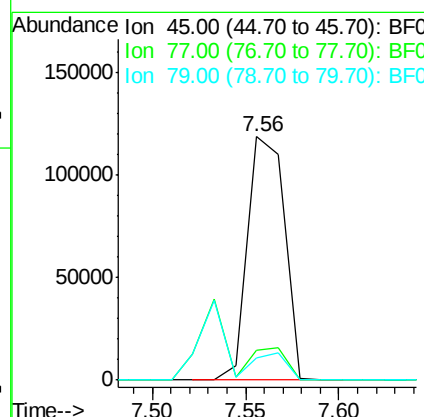
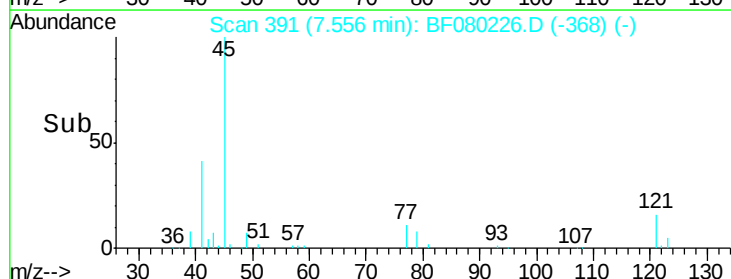
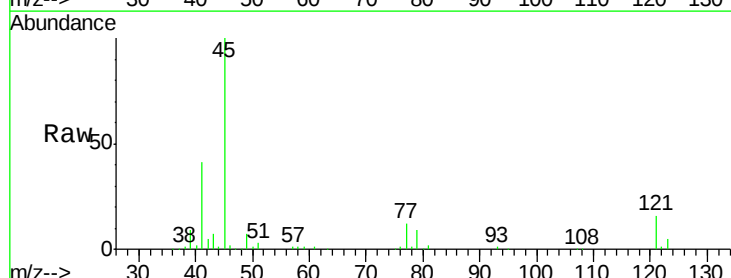
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.98 ng
RT: 7.56 min Scan# 391
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

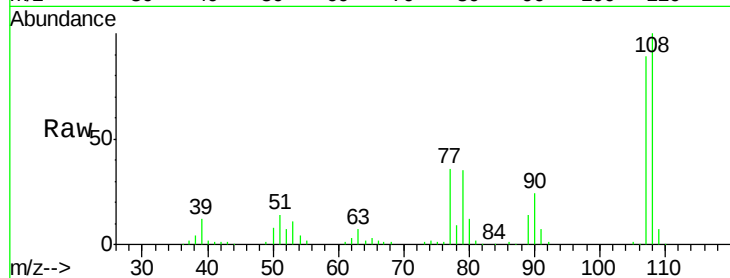
Tgt Ion: 45 Resp: 162570
Ion Ratio Lower Upper
45 100
77 12.2 0.0 28.1
79 8.9 0.0 26.0





#17
2-Methylphenol
Concen: 53.06 ng
RT: 7.53 min Scan# 389
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

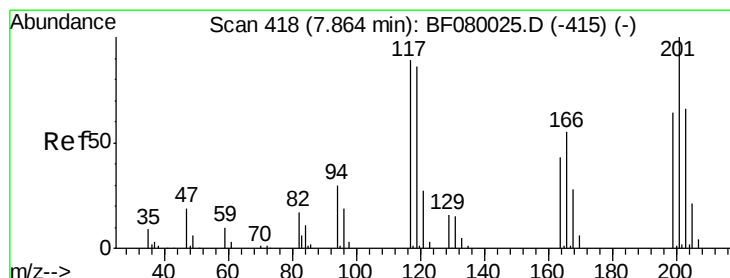
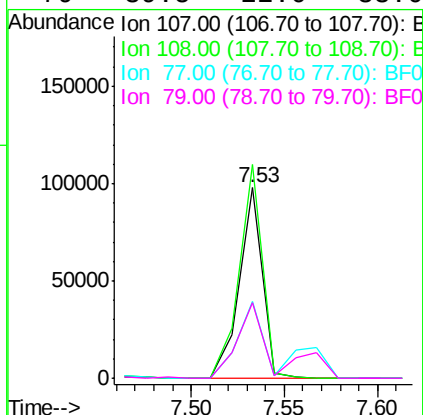
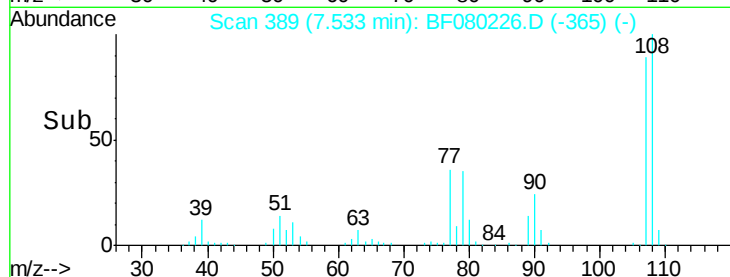
Instrument :
BNA_F
ClientSampleId :
SOILMS



Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	112.1	96.6	145.0
77	40.4	23.3	34.9#
79	39.5	22.0	33.0#

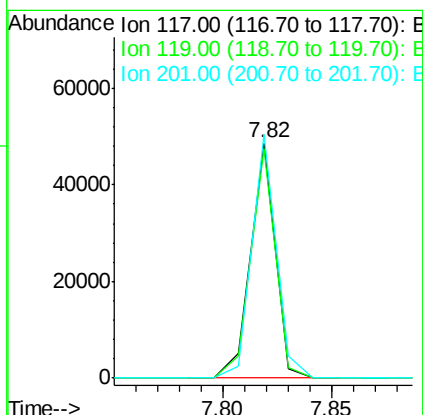
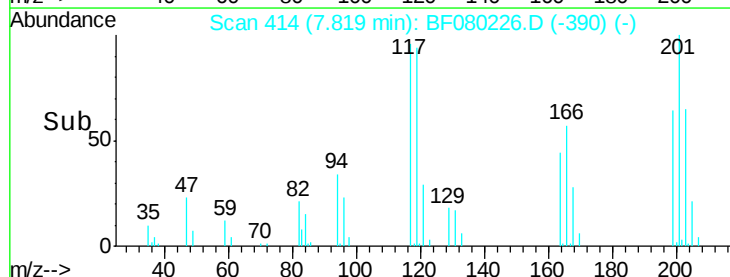
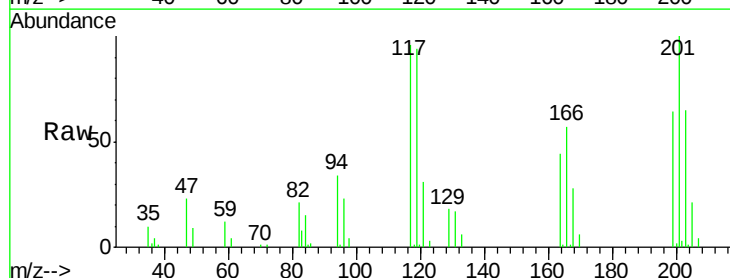
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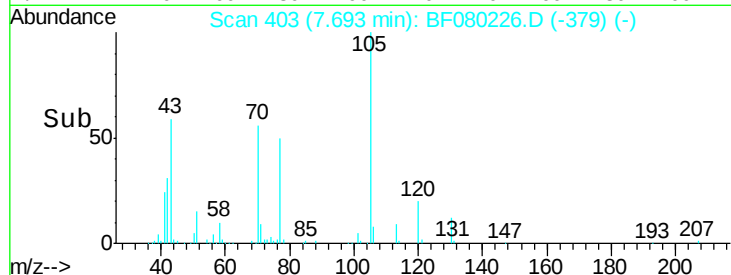
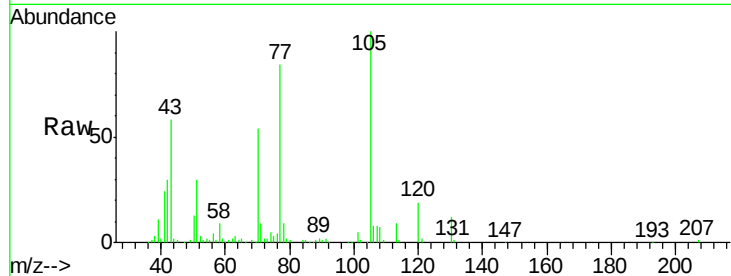
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#18
Hexachloroethane
Concen: 54.08 ng
RT: 7.82 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	97.6	83.8	125.6
201	103.6	55.1	82.7#





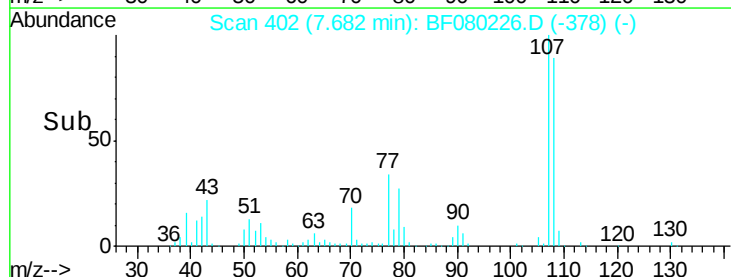
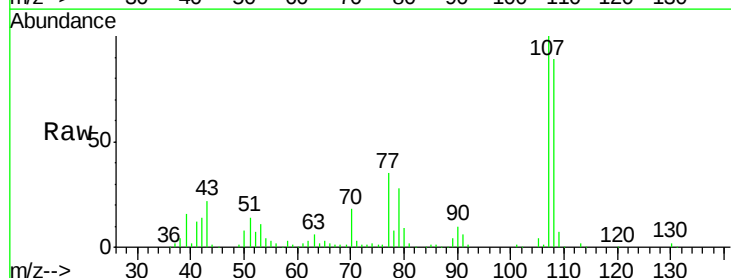
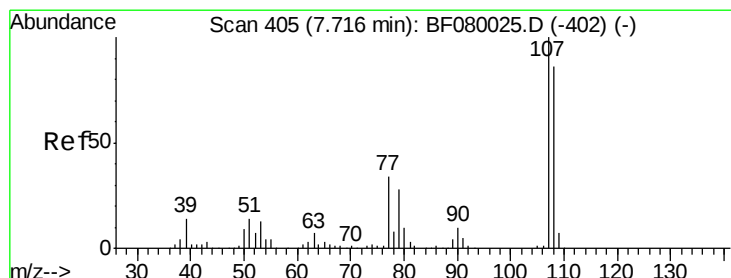
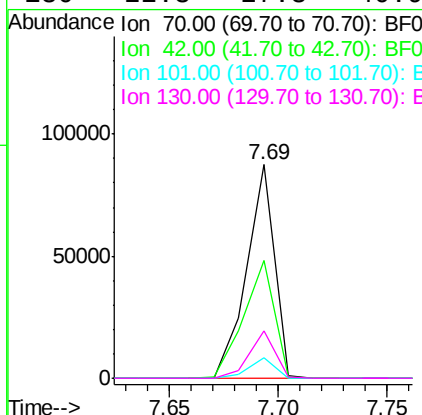
#19
n-Nitroso-di-n-propylamine
Concen: 52.18 ng
RT: 7.69 min Scan# 403
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.4	63.8	95.6#
101	9.4	9.2	13.8
130	22.3	27.3	40.9#

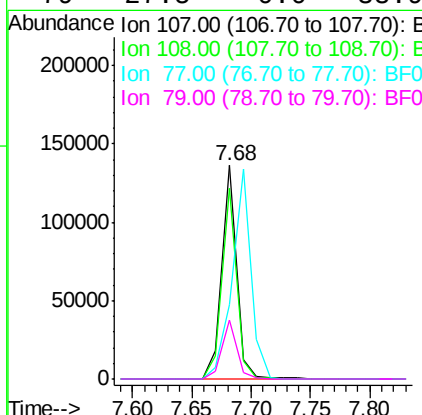
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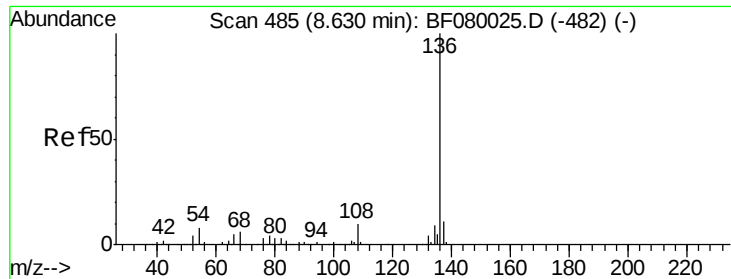
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#20
3+4-Methylphenols
Concen: 56.68 ng
RT: 7.68 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	74.6	114.6
77	34.5	0.7	40.7
79	27.5	0.0	38.9





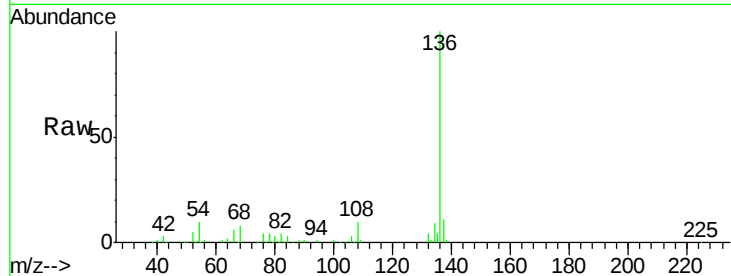
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

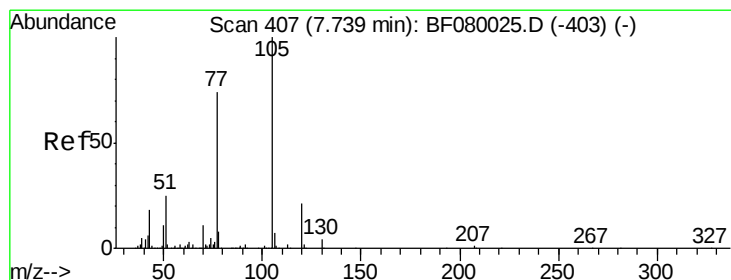
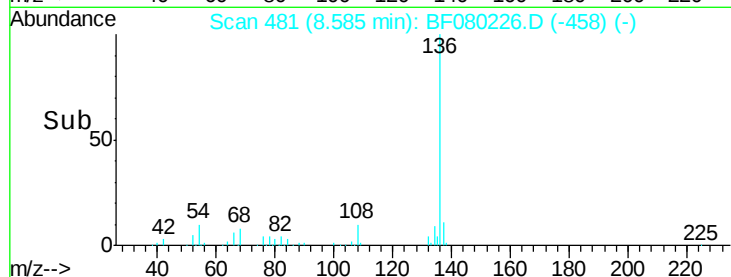
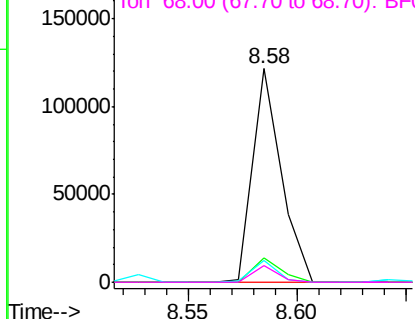
Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		111117		
137	11.5	9.0	13.6		
54	10.0	8.2	12.2		
68	7.5	5.8	8.6		

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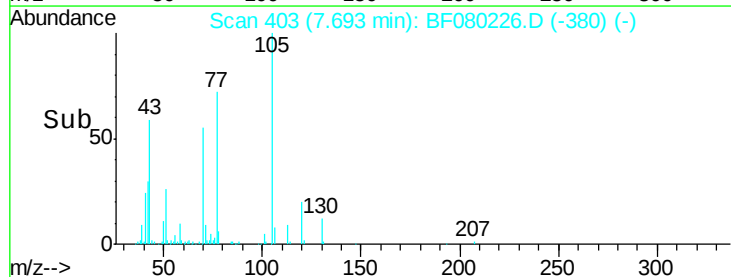
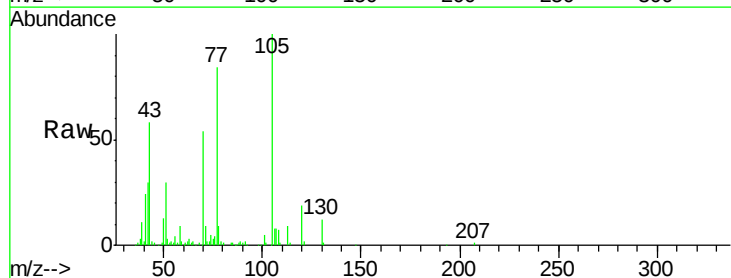
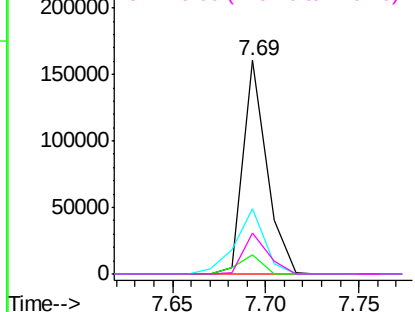
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 54.68 ng
RT: 7.69 min Scan# 403
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		141603		
71	9.2	4.7	7.1#		
51	30.4	22.0	33.0		
120	19.5	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





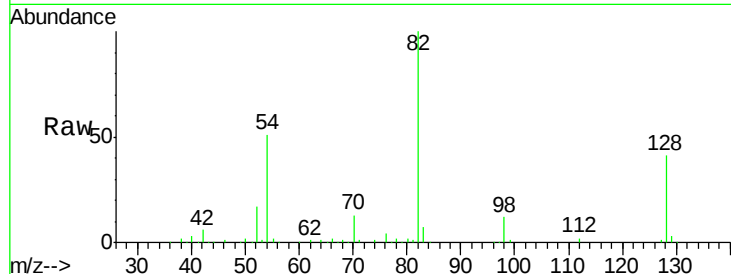
#23
 Nitrobenzene-d5
 Concen: 121.71 ng
 RT: 7.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

Instrument :
 BNA_F
 ClientSampleId :
 SOILMS

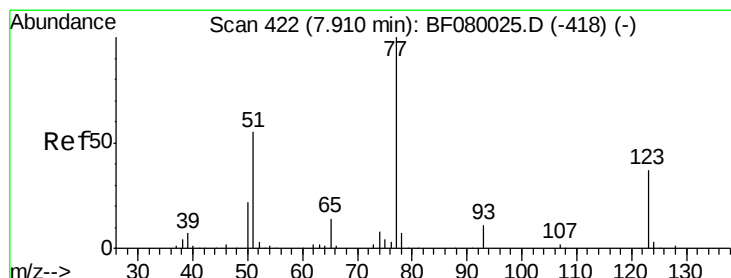
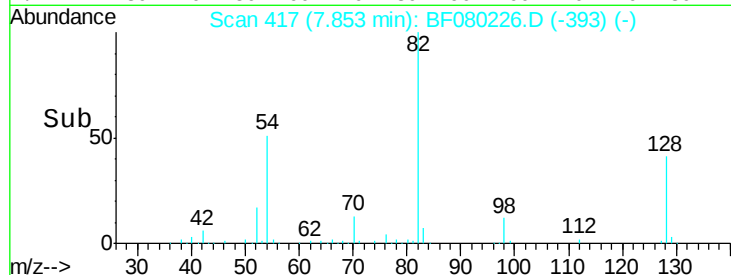
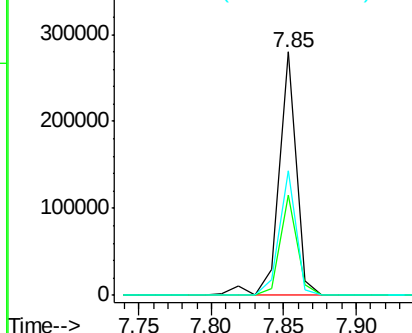
Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	41.4	51.0	76.6#
54	51.3	47.5	71.3

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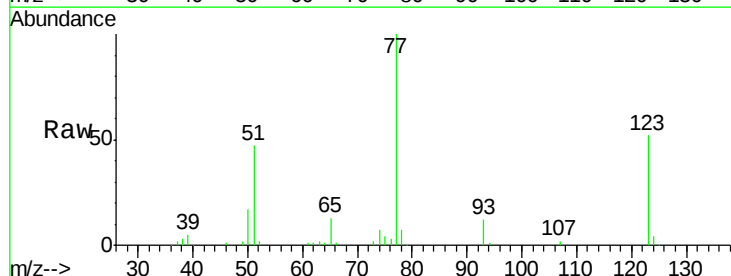


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

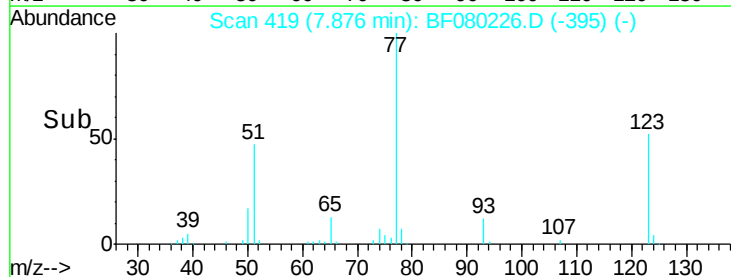
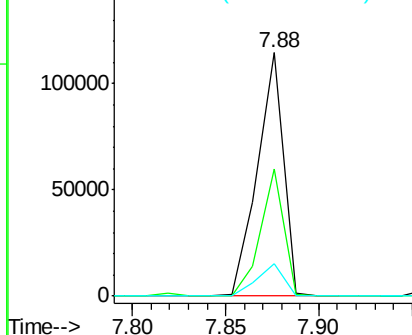


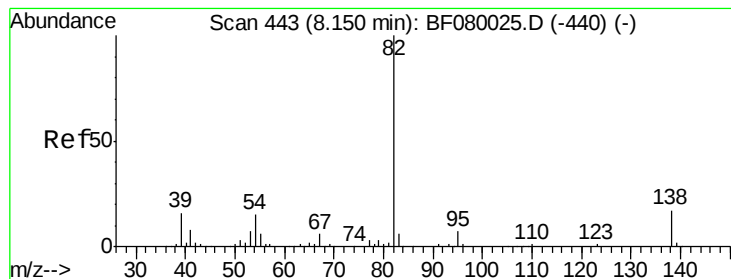
#24
 Nitrobenzene
 Concen: 56.08 ng
 RT: 7.88 min Scan# 419
 Delta R.T. -0.02 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	52.0	59.8	89.8#
65	13.1	10.2	15.4



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





#25

Isophorone

Concen: 50.73 ng

RT: 8.10 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 82 Resp: 194853
Ion Ratio Lower Upper

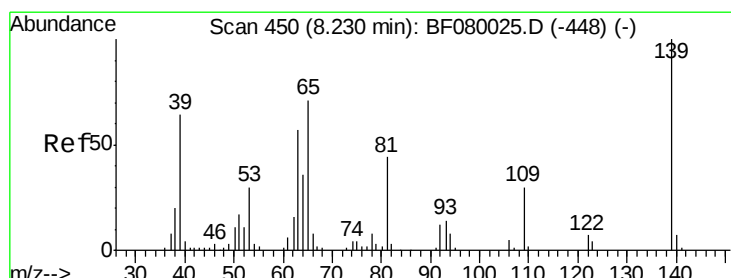
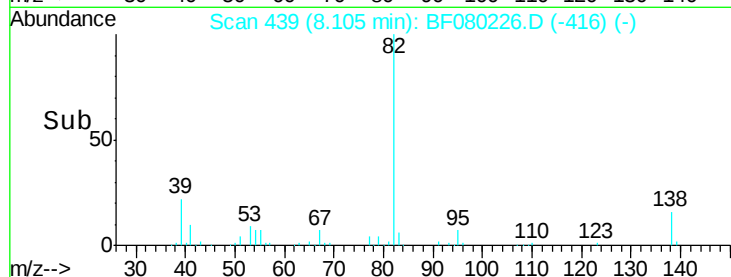
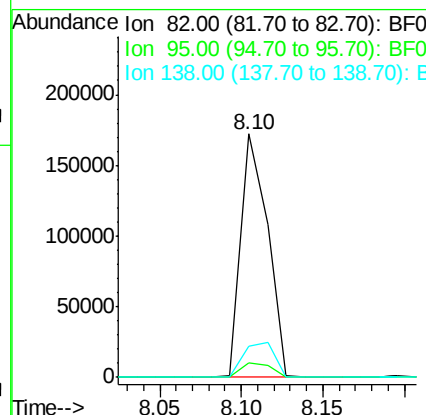
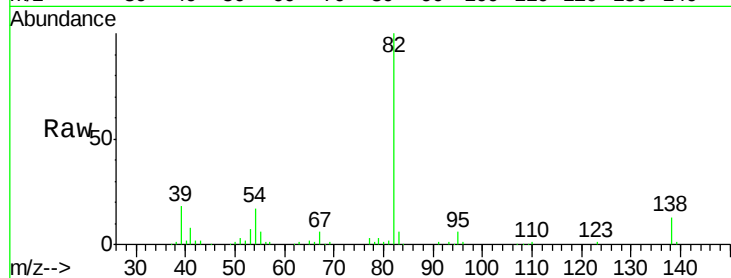
82 100

95 6.0 4.0 6.0#

138 12.8 18.3 27.5#

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#26

2-Nitrophenol

Concen: 65.49 ng

RT: 8.20 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF080226.D

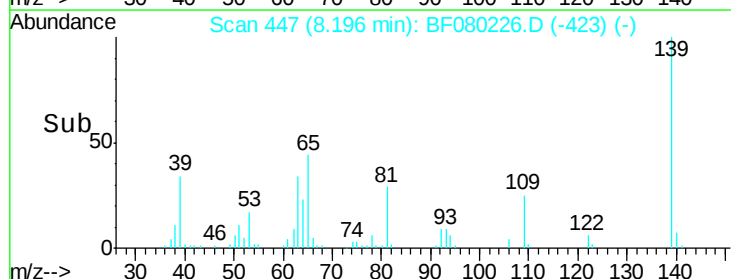
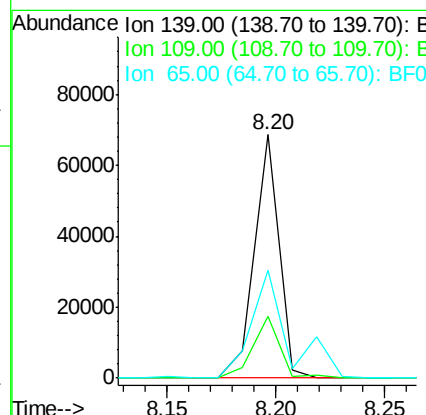
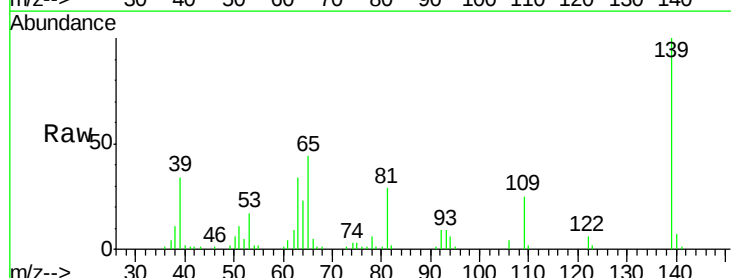
Acq: 30 Jun 2015 2:44

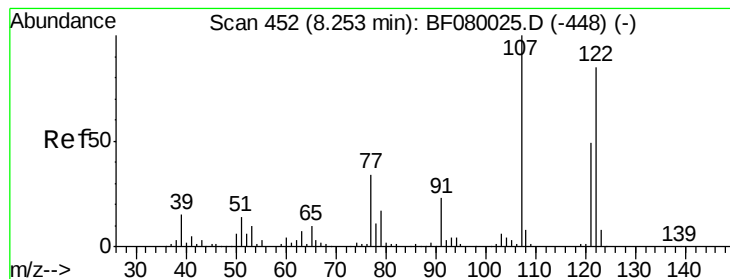
Tgt Ion: 139 Resp: 54000
Ion Ratio Lower Upper

139 100

109 25.4 11.0 16.4#

65 44.1 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 59.80 ng

RT: 8.22 min Scan# 449

Delta R.T. -0.02 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

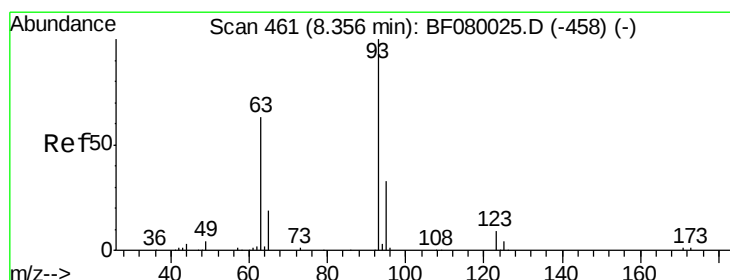
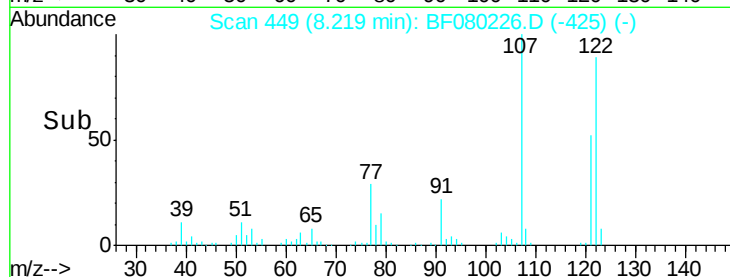
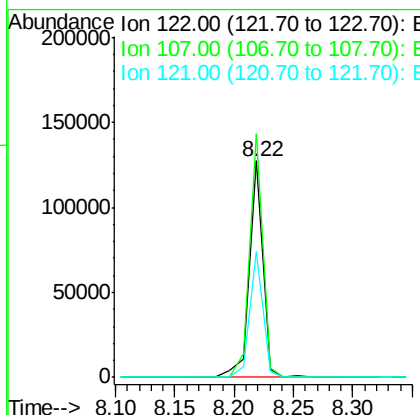
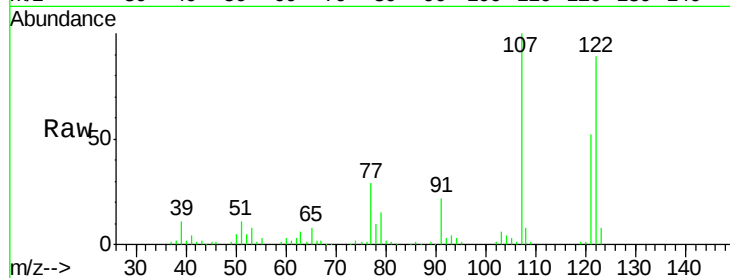
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
122	100	102822		
107	112.4	71.8	107.6#	
121	58.3	42.3	63.5	



#28

bis(2-Chloroethoxy)methane

Concen: 53.47 ng

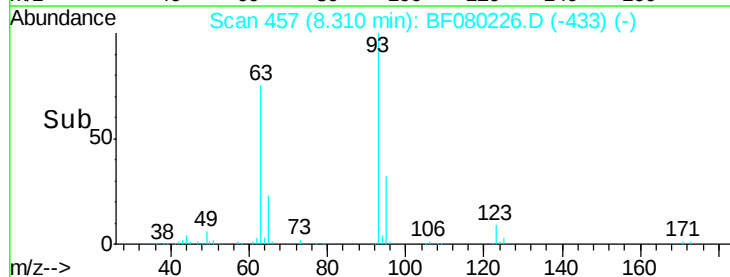
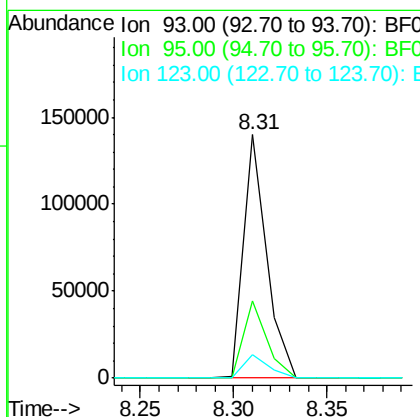
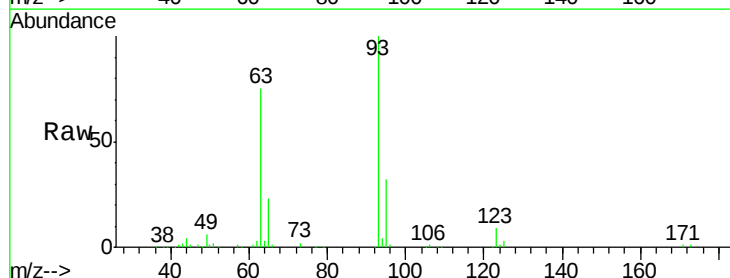
RT: 8.31 min Scan# 457

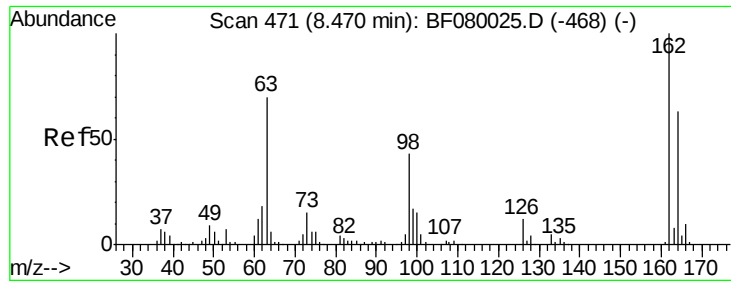
Delta R.T. -0.02 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	120673		
95	31.5	27.5	41.3	
123	9.4	13.7	20.5#	





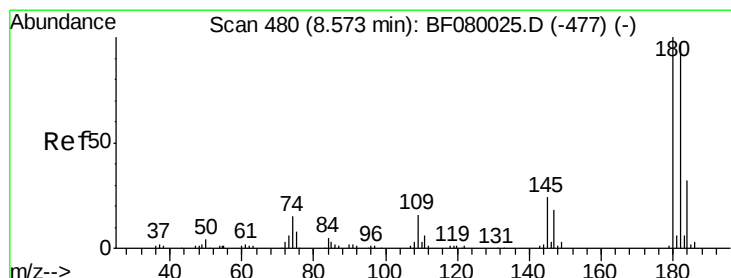
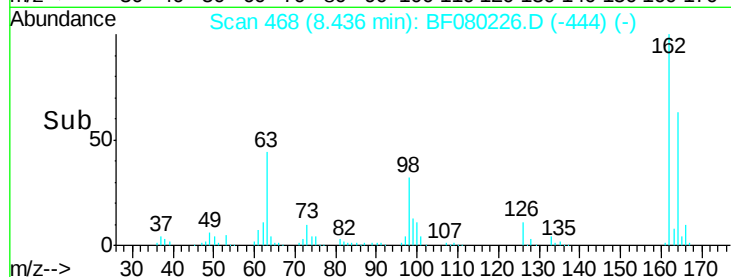
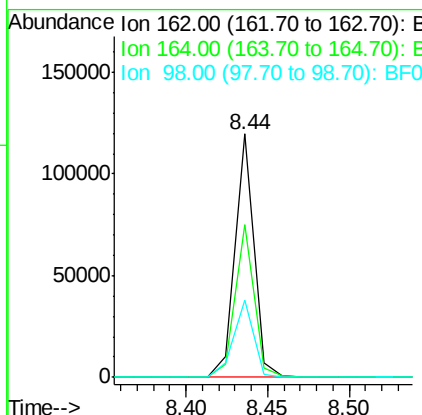
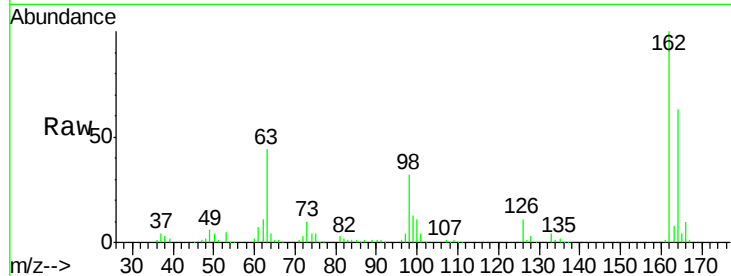
#29
2,4-Dichlorophenol
Concen: 64.46 ng
RT: 8.44 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.7	44.9	84.9
98	31.6	13.0	53.0

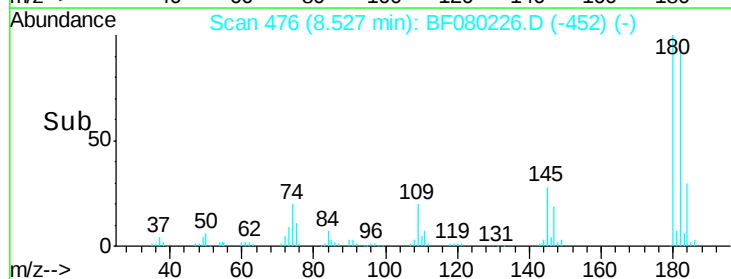
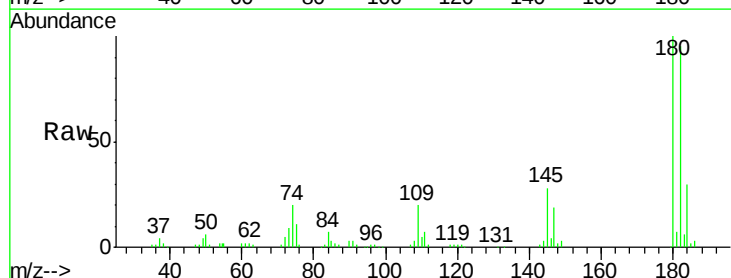
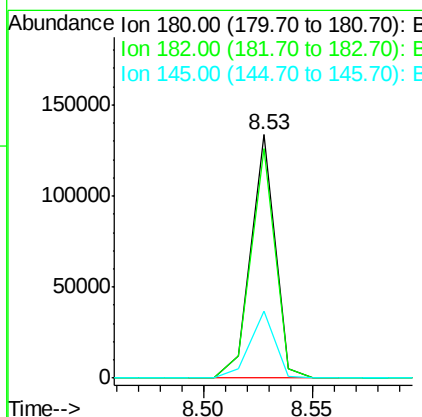
Manual Integrations
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#30
1,2,4-Trichlorobenzene
Concen: 61.93 ng
RT: 8.53 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.5	77.1	115.7
145	27.6	23.3	34.9





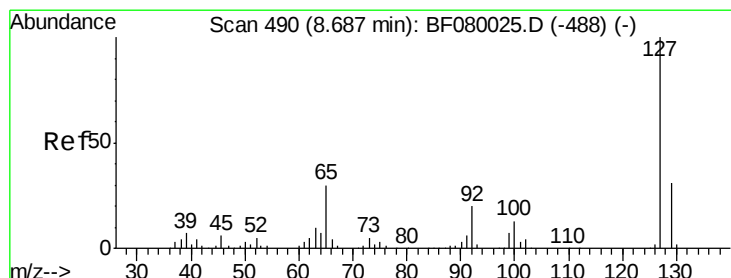
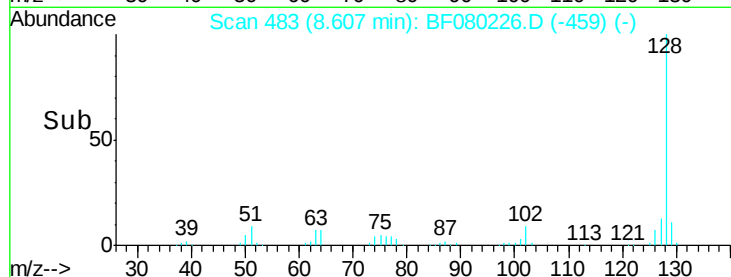
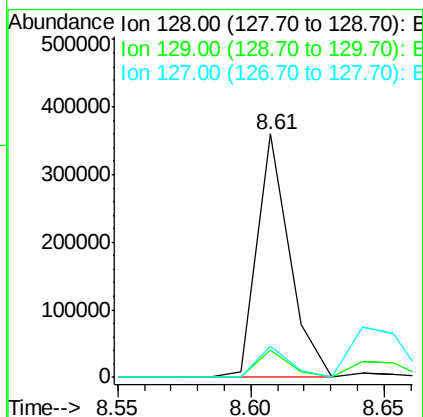
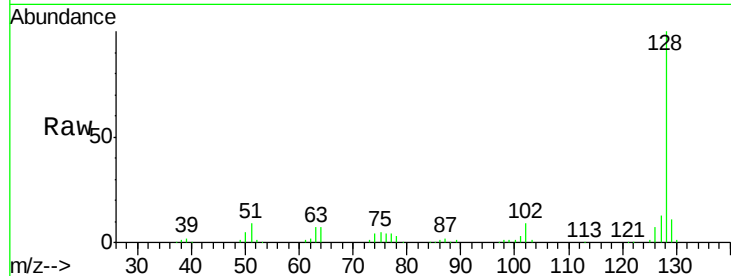
#31
Naphthalene
Concen: 52.73 ng m
RT: 8.61 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	306326		
129	11.2	8.4	12.6	
127	13.0	9.9	14.9	

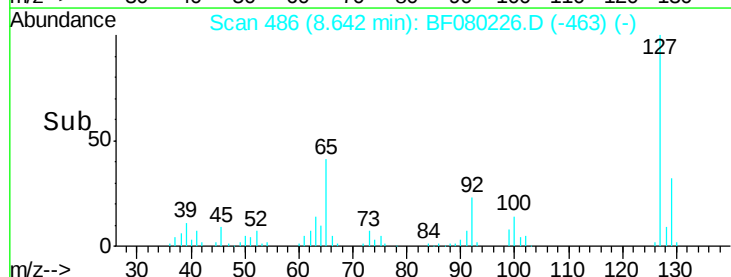
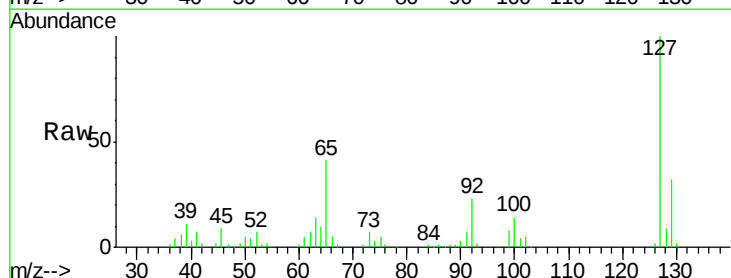
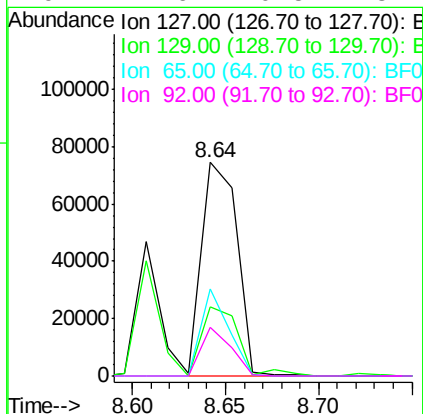
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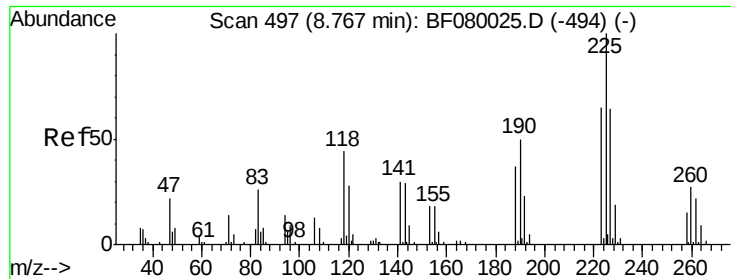
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#33
4-Chloroaniline
Concen: 39.37 ng
RT: 8.64 min Scan# 486
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	97879		
129	32.4	25.8	38.6	
65	40.7	17.9	26.9#	
92	22.6	10.5	15.7#	





#34

Hexachlorobutadiene

Concen: 51.78 ng

RT: 8.73 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF080226.D

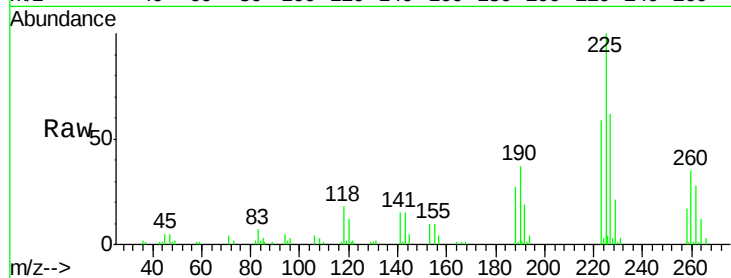
Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

ClientSampleId :

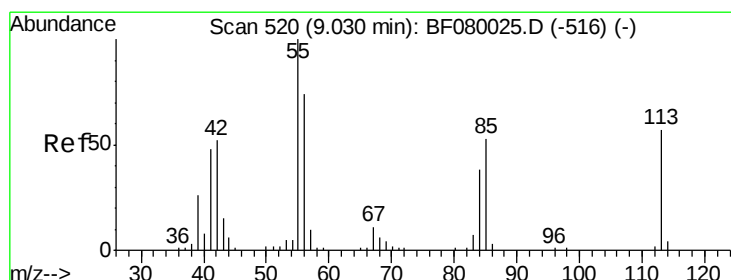
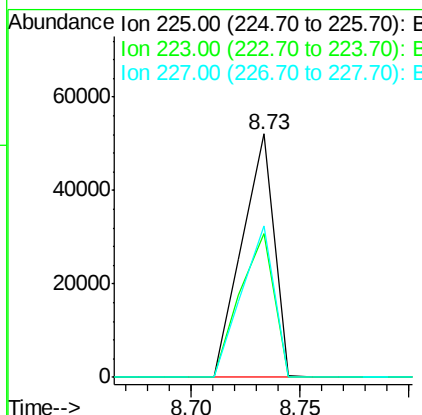
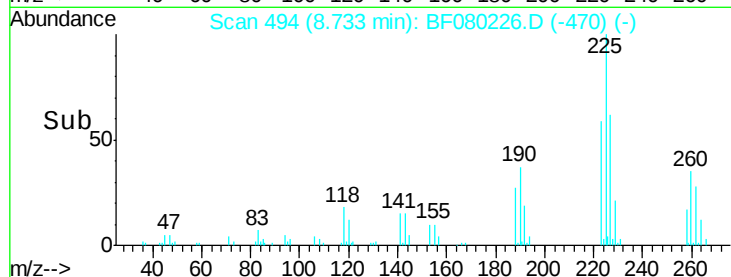
SOILMS



Tgt Ion:	225	Resp:	53318
Ion Ratio	Lower	Upper	
225	100		
223	59.2	50.2	75.2
227	62.4	52.2	78.2

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#35

Caprolactam

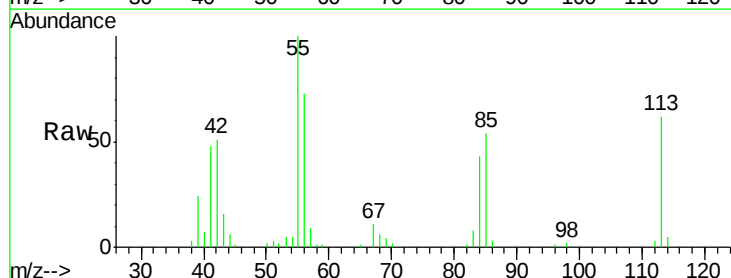
Concen: 54.84 ng

RT: 8.98 min Scan# 516

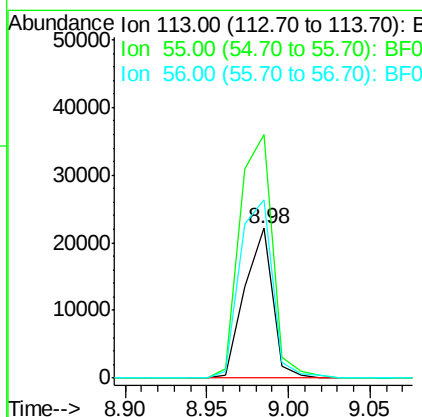
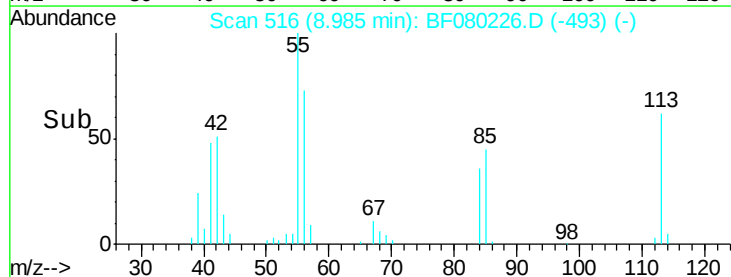
Delta R.T. -0.03 min

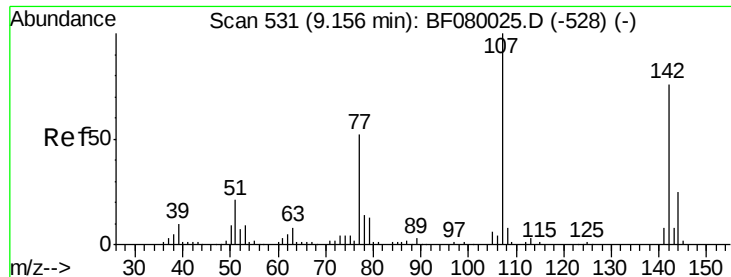
Lab File: BF080226.D

Acq: 30 Jun 2015 2:44



Tgt Ion:	113	Resp:	26210
Ion Ratio	Lower	Upper	
113	100		
55	162.3	152.4	192.4
56	118.8	104.6	144.6





#36

4-Chloro-3-methylphenol

Concen: 54.60 ng

RT: 9.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

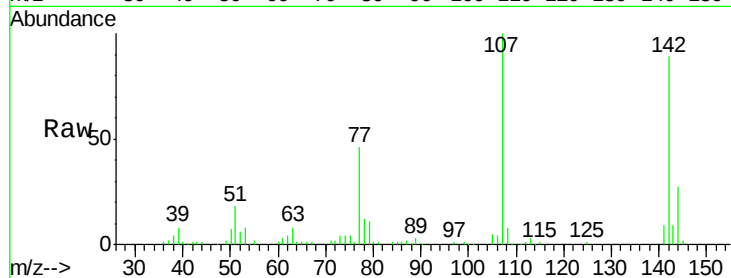
ClientSampleId :

SOILMS

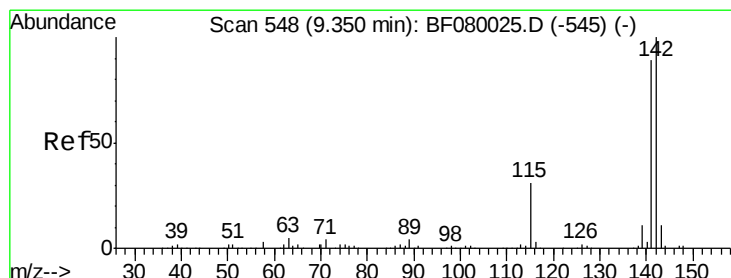
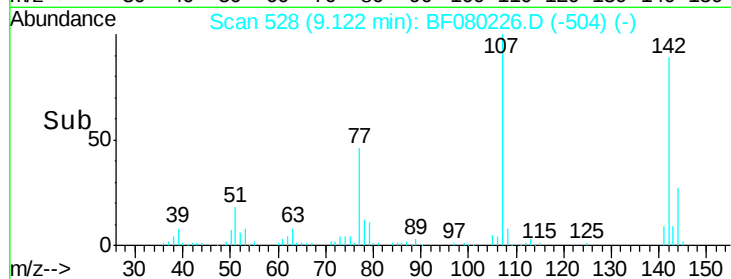
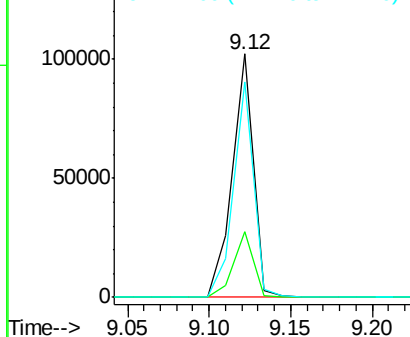
Tgt Ion:	107	Resp:	90695
Ion Ratio	Lower	Upper	
107	100		
144	27.2	25.4	38.0
142	88.6	77.3	115.9

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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: 57.88 ng

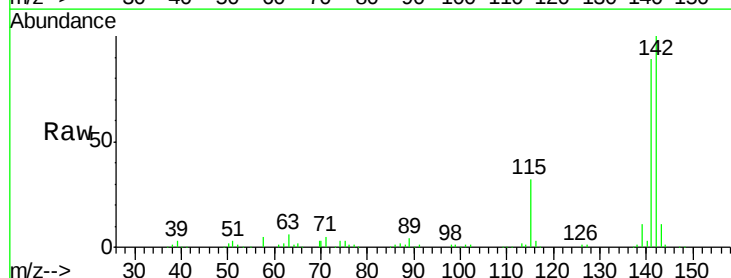
RT: 9.30 min Scan# 544

Delta R.T. -0.02 min

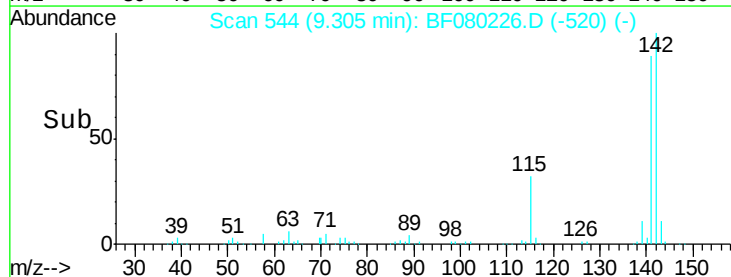
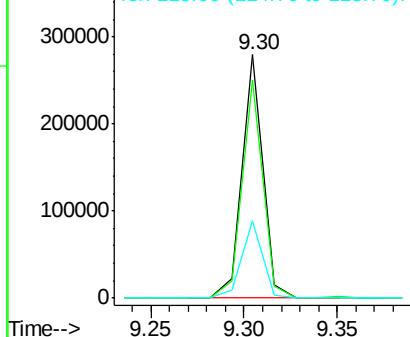
Lab File: BF080226.D

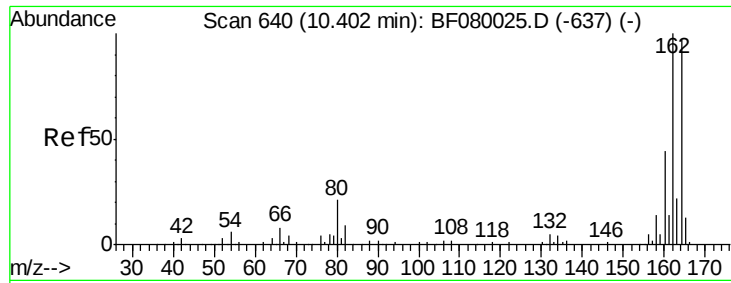
Acq: 30 Jun 2015 2:44

Tgt Ion:	142	Resp:	217509
Ion Ratio	Lower	Upper	
142	100		
141	89.3	67.5	101.3
115	31.9	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





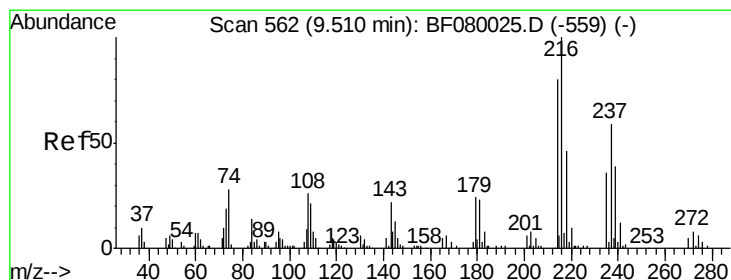
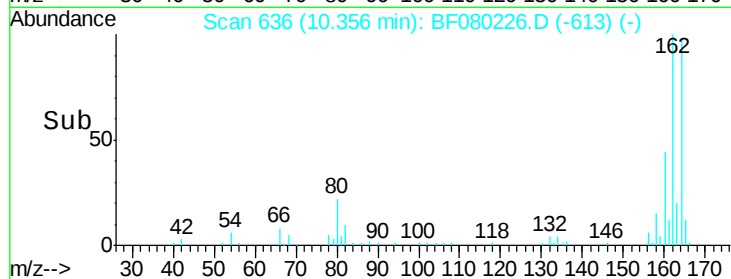
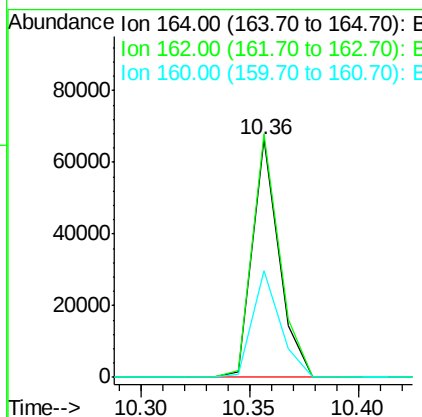
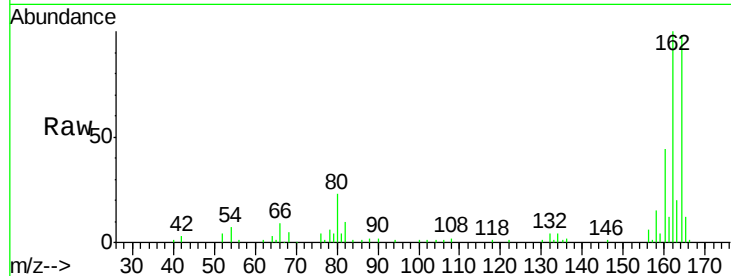
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

Instrument :
 BNA_F
 ClientSampleId :
 SOILMS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	56509		
162	102.2	75.2	112.8	
160	45.0	31.5	47.3	

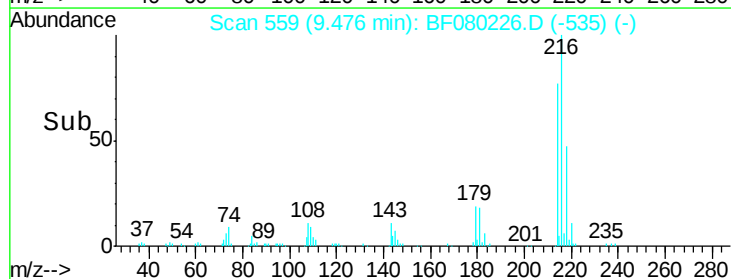
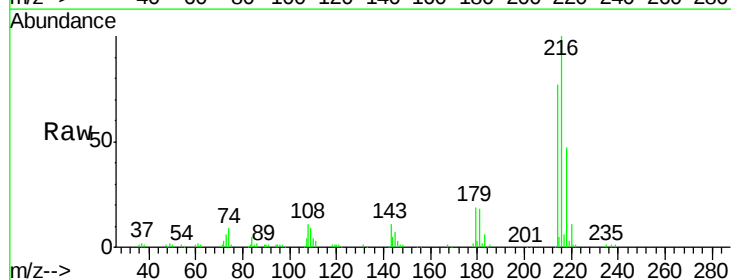
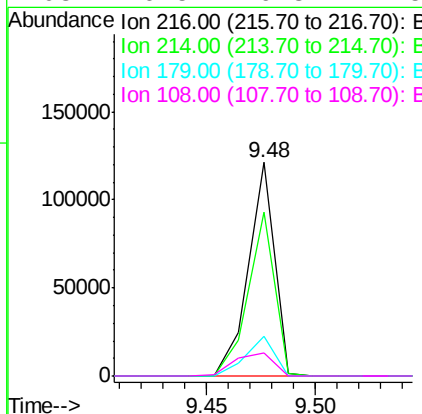
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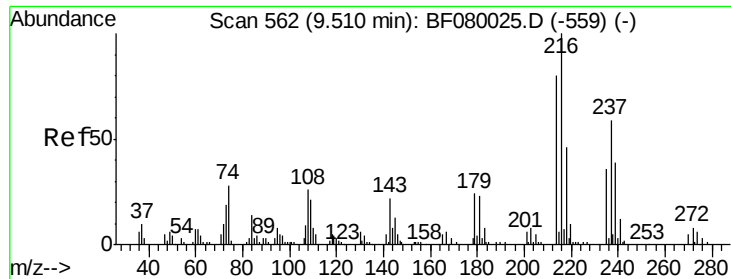
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#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 61.61 ng
 RT: 9.48 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	101314		
214	77.5	63.5	95.3	
179	20.2	16.6	24.8	
108	16.5	16.3	24.5	





#40

Hexachlorocyclopentadiene

Concen: 69.48 ng

RT: 9.46 min Scan# 558

Delta R.T. -0.02 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

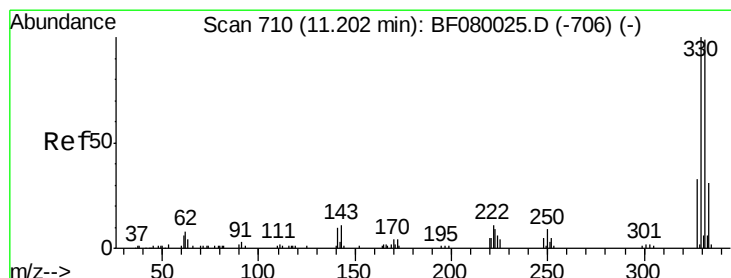
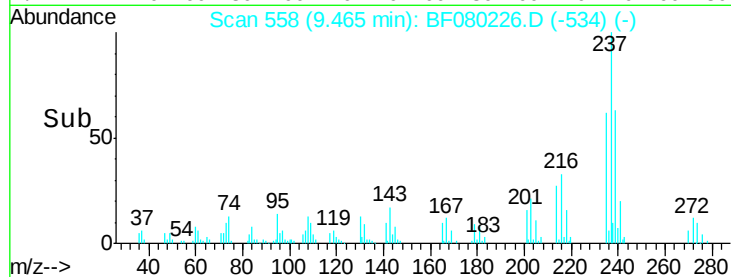
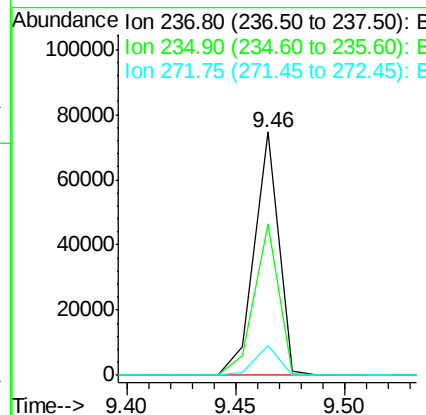
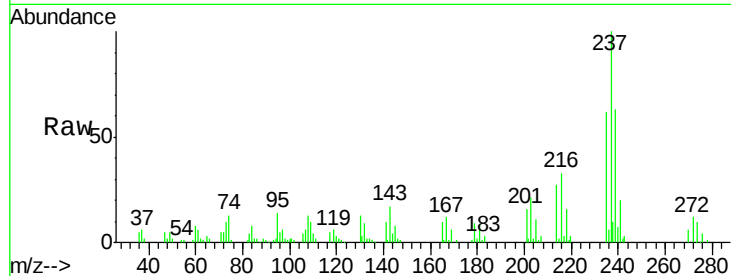
ClientSampleId :

SOILMS

Tgt Ion:	237	Resp:	58036
Ion Ratio	Lower	Upper	
237	100		
235	62.3	42.0	82.0
272	12.5	0.0	36.1

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#41

2,4,6-Tribromophenol

Concen: 159.39 ng

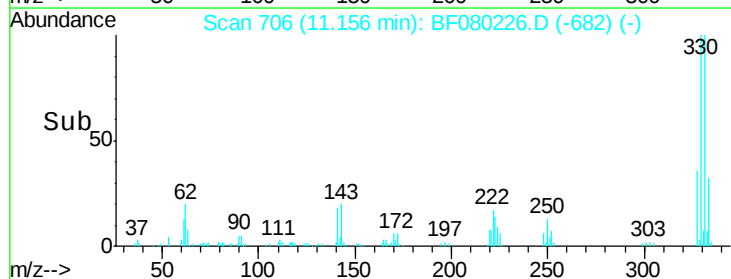
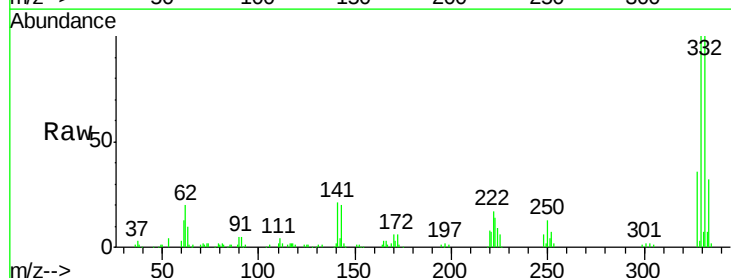
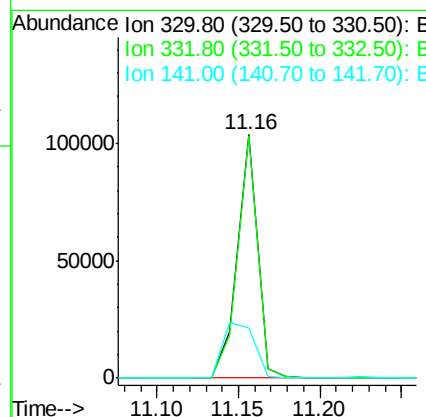
RT: 11.16 min Scan# 706

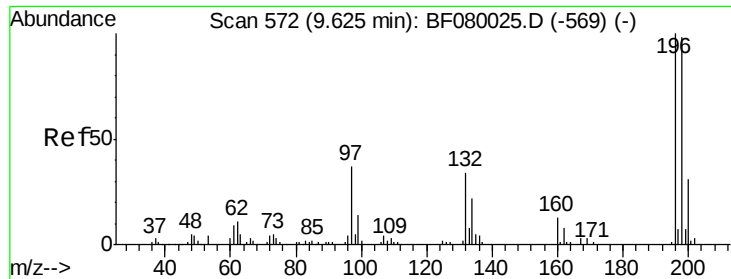
Delta R.T. -0.02 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Tgt Ion:	330	Resp:	88076
Ion Ratio	Lower	Upper	
330	100		
332	98.1	76.6	114.8
141	35.8	29.7	44.5





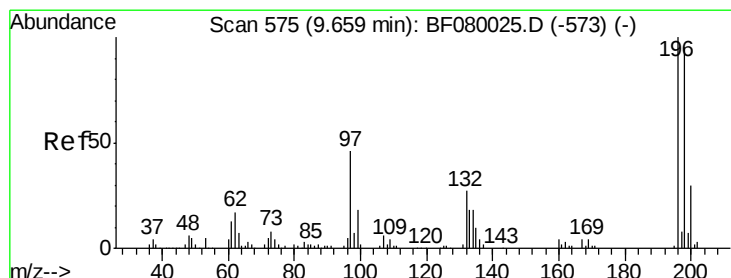
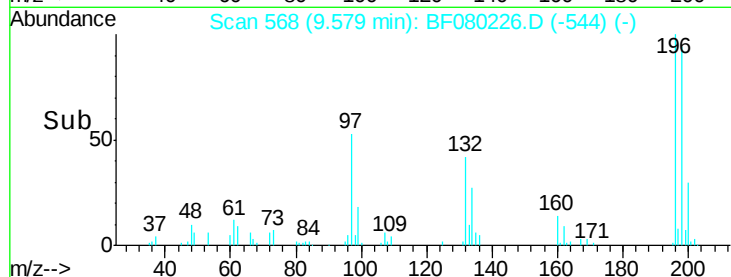
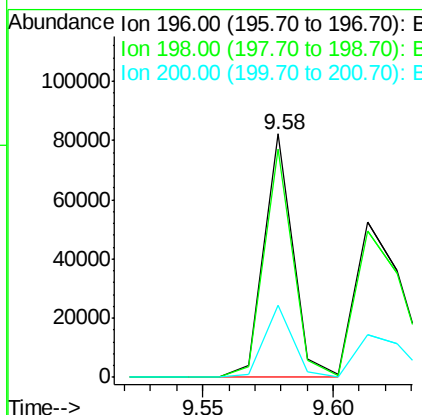
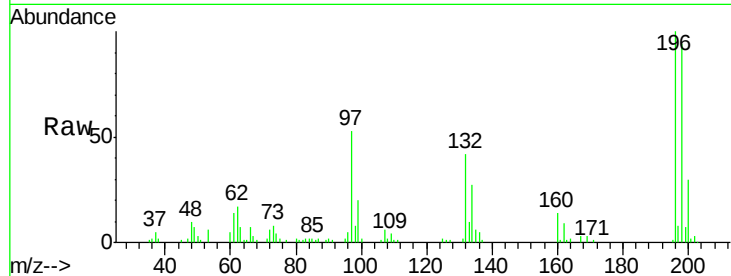
#42
2,4,6-Trichlorophenol
Concen: 57.08 ng
RT: 9.58 min Scan# 568
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	63868		
198	93.6	75.7	113.5	
200	29.8	23.9	35.9	

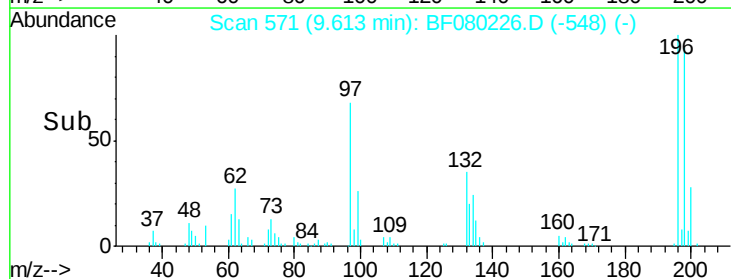
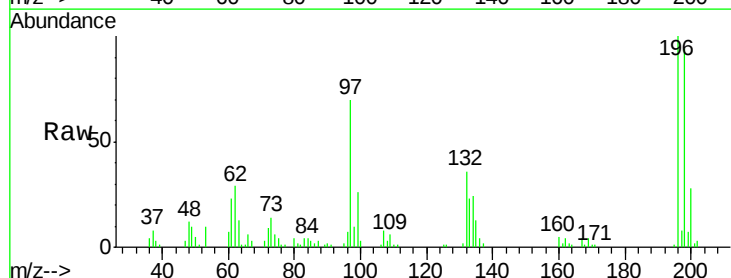
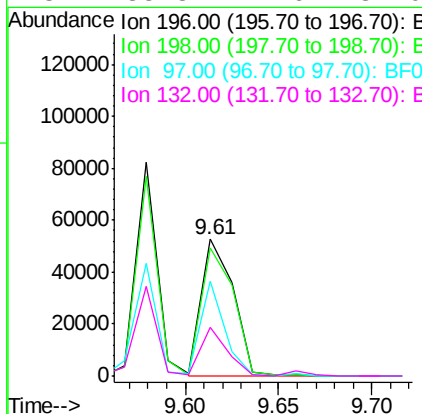
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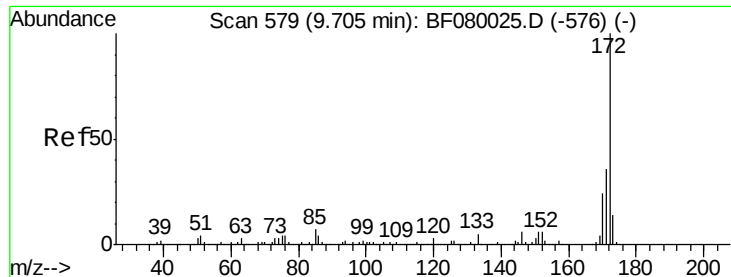
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#43
2,4,5-Trichlorophenol
Concen: 48.29 ng
RT: 9.61 min Scan# 571
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	62247		
198	94.2	75.4	113.0	
97	69.7	33.3	49.9	
132	35.8	24.6	37.0	





#44

2-Fluorobiphenyl

Concen: 102.69 ng

RT: 9.66 min Scan# 575

Delta R.T. -0.03 min

Lab File: BF080226.D

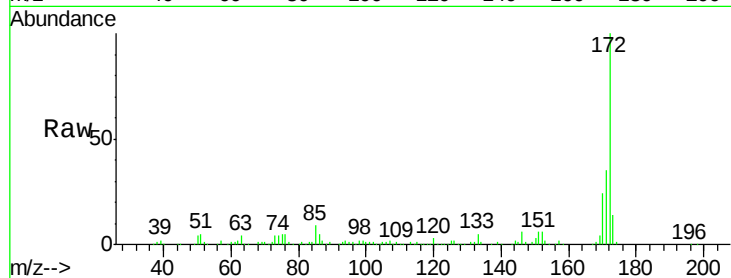
Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

ClientSampled :

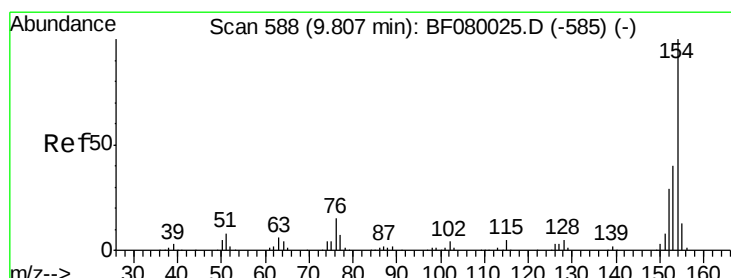
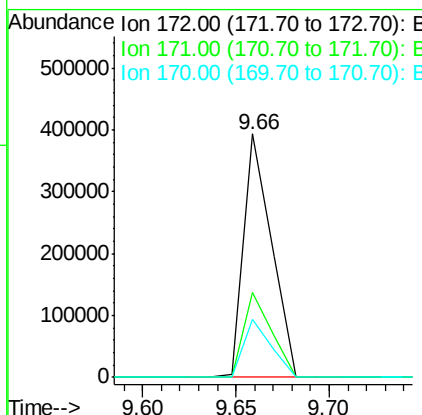
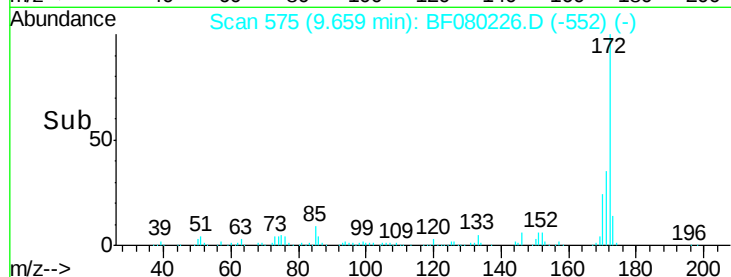
SOILMS



Tgt Ion:	172	Resp:	406917
Ion Ratio	Lower	Upper	
172	100		
171	35.0	26.1	39.1
170	23.7	17.4	26.2

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#45

1,1'-Biphenyl

Concen: 51.83 ng

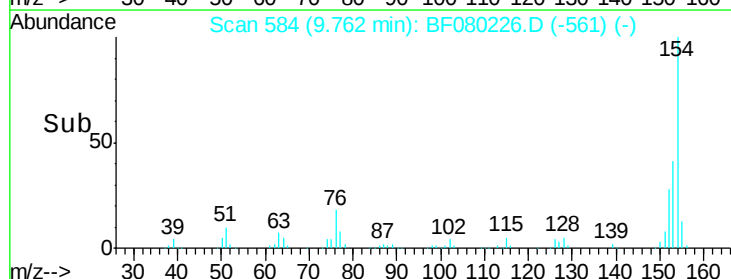
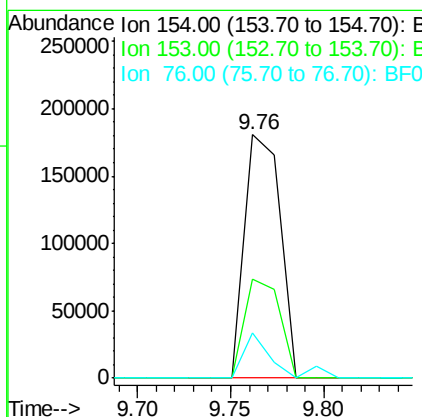
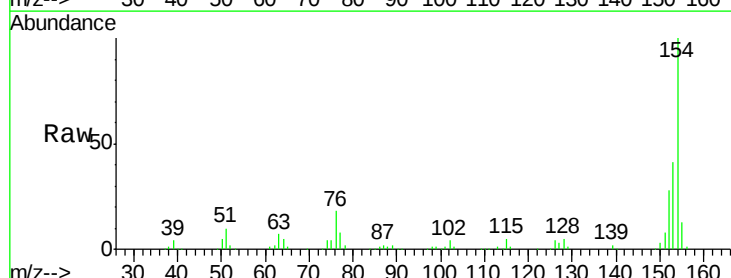
RT: 9.76 min Scan# 584

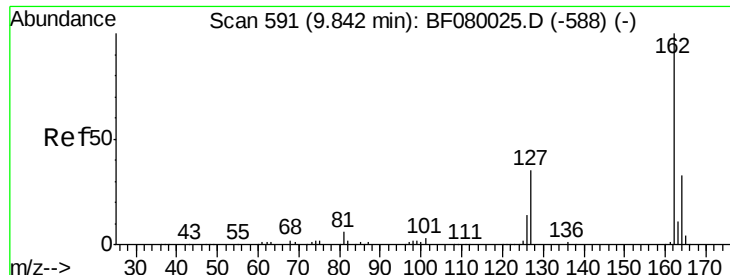
Delta R.T. -0.03 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Tgt Ion:	154	Resp:	238307
Ion Ratio	Lower	Upper	
154	100		
153	40.5	17.1	57.1
76	18.3	0.0	31.6





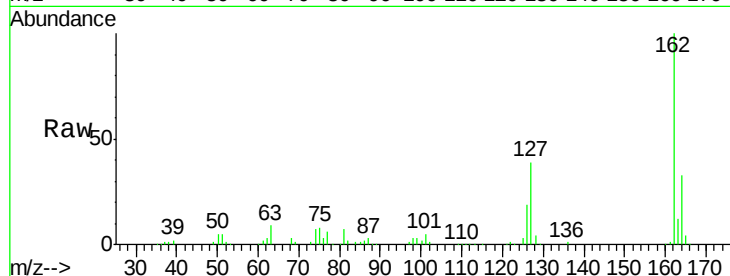
#46
2-Chloronaphthalene
Concen: 54.53 ng
RT: 9.80 min Scan# 587
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

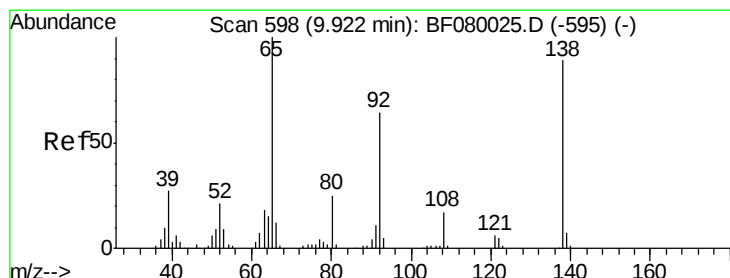
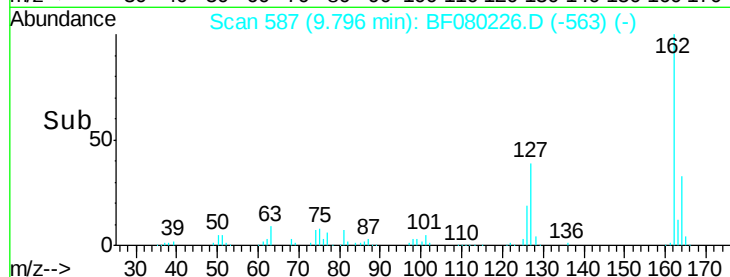
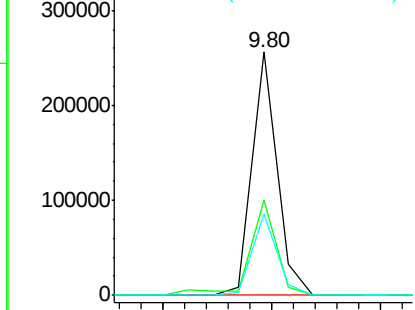
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	39.1	27.6	41.4
164	33.4	25.4	38.2

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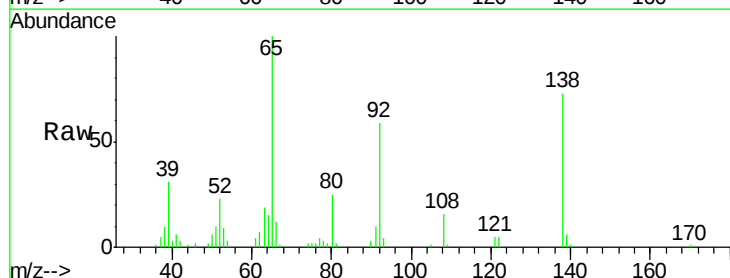


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

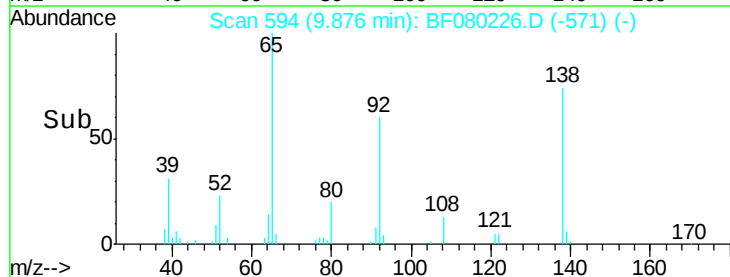
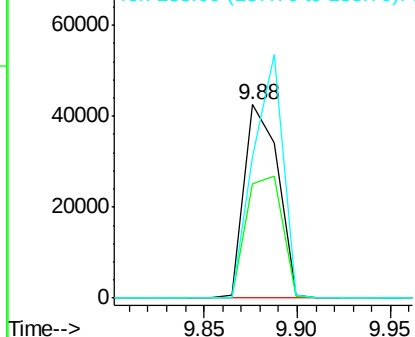


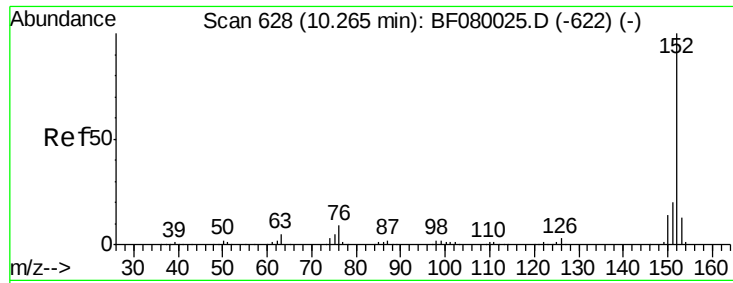
#47
2-Nitroaniline
Concen: 52.04 ng
RT: 9.88 min Scan# 594
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	58.9	55.4	83.0
138	73.0	115.5	173.3#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





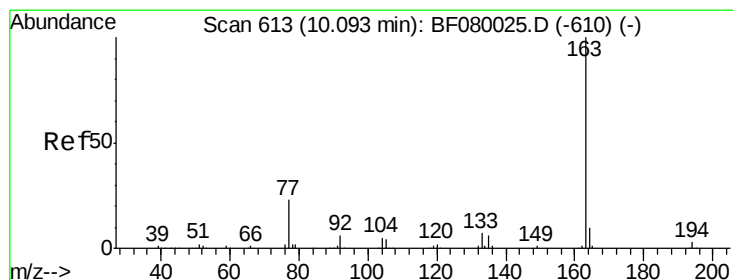
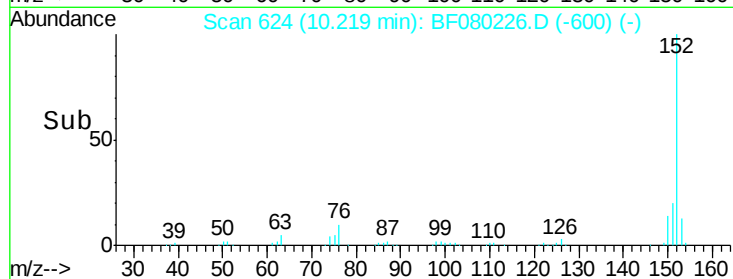
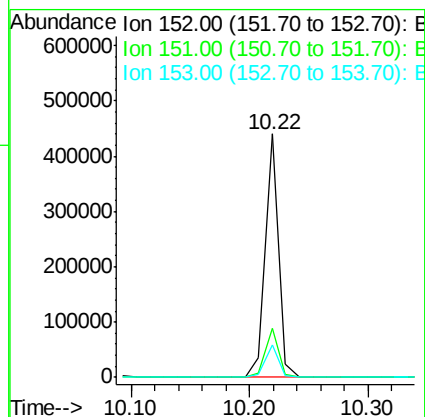
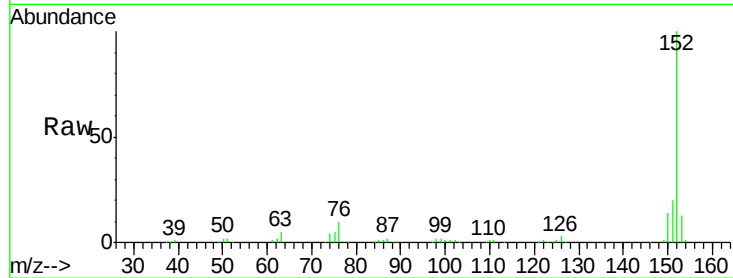
#48
Acenaphthylene
Concen: 55.23 ng
RT: 10.22 min Scan# 624
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampled :
SOILMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	20.1	14.6	22.0
153	13.2	10.3	15.5

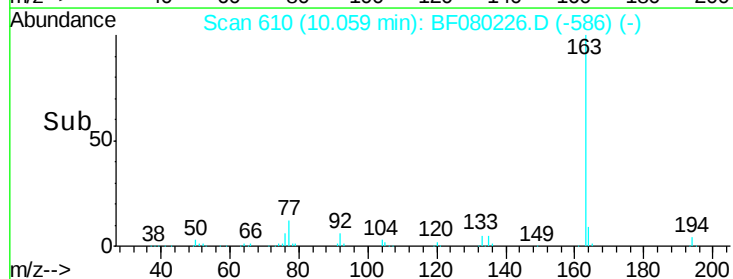
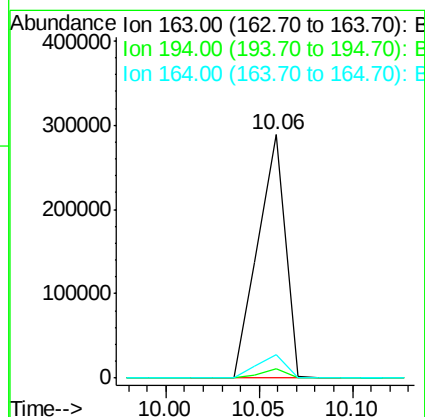
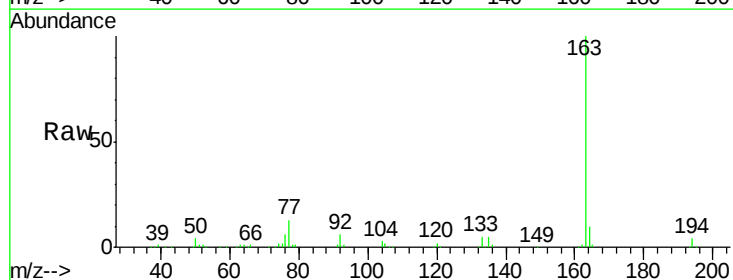
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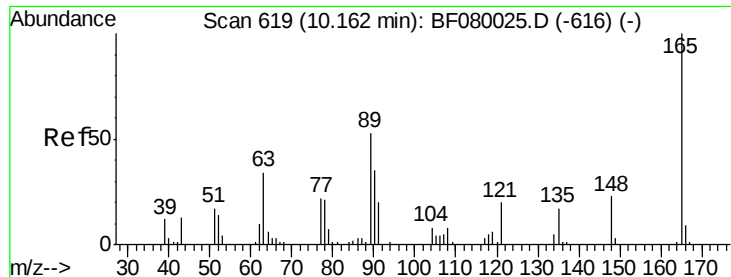
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#49
Dimethylphthalate
Concen: 69.05 ng
RT: 10.06 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.0	4.4	6.6#
164	9.8	8.3	12.5





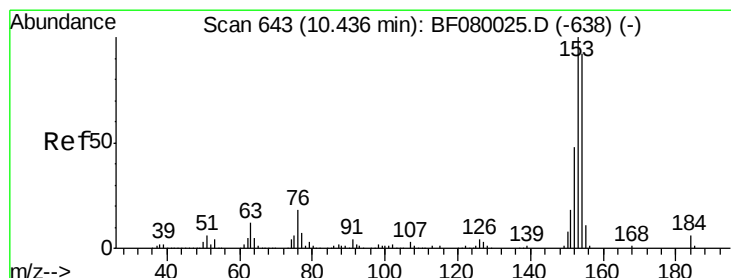
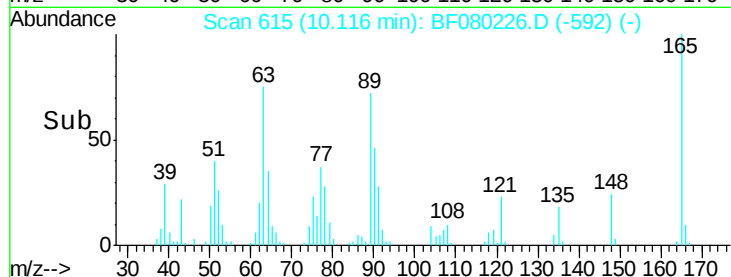
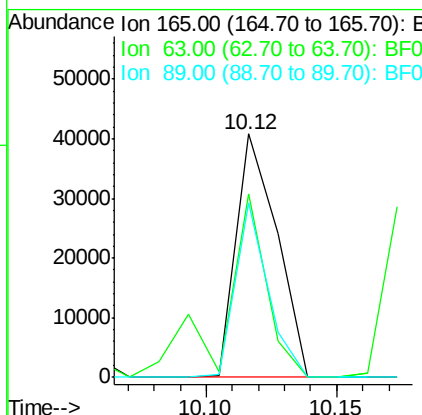
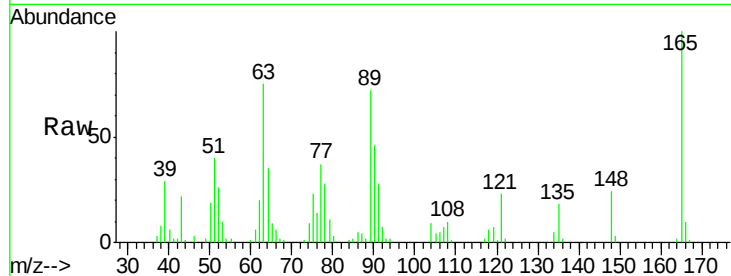
#50
2,6-Dinitrotoluene
Concen: 52.62 ng
RT: 10.12 min Scan# 615
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampled :
SOILMS

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	75.4	32.3	48.5#
89	71.5	28.6	43.0#

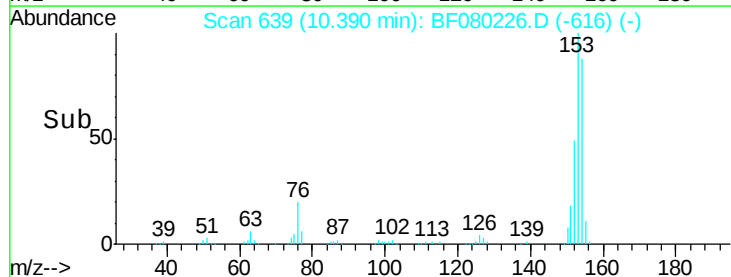
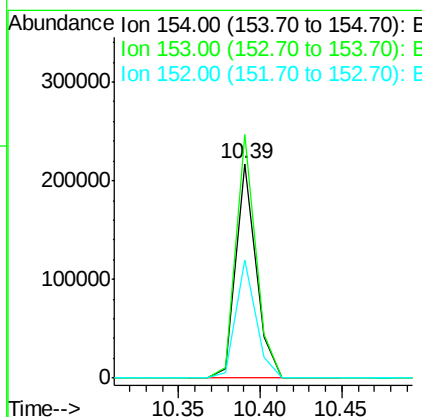
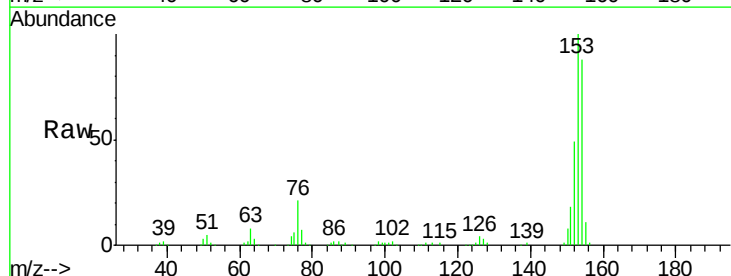
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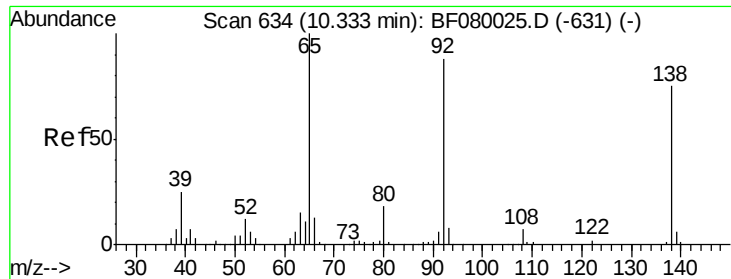
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#51
Acenaphthene
Concen: 48.57 ng
RT: 10.39 min Scan# 639
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.4	82.1	123.1
152	55.3	37.9	56.9





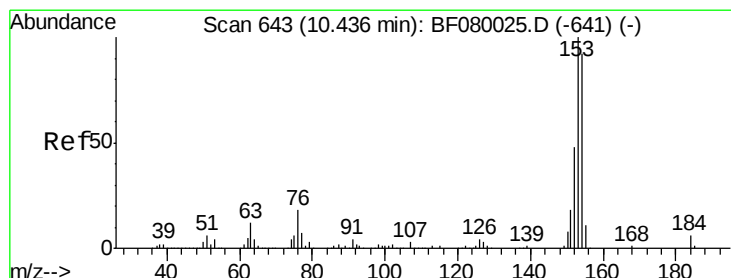
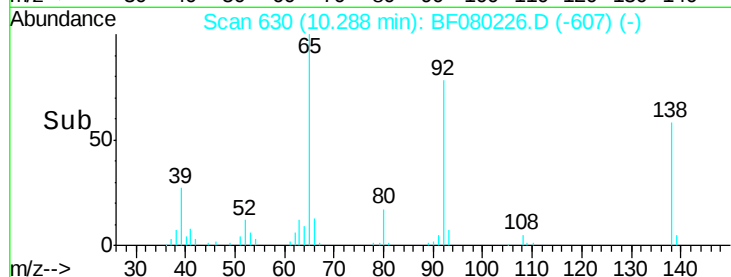
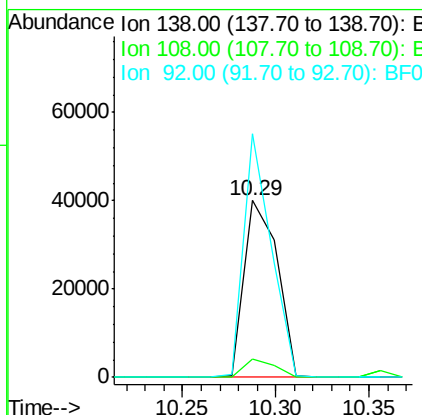
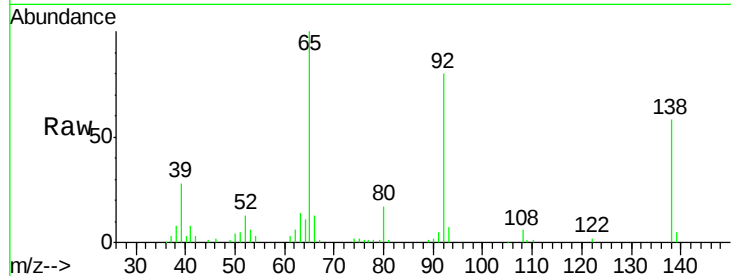
#52
3-Nitroaniline
Concen: 50.17 ng
RT: 10.29 min Scan# 630
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion:138 Resp: 49304
Ion Ratio Lower Upper
138 100
108 10.7 5.7 8.5#
92 137.7 67.7 101.5#

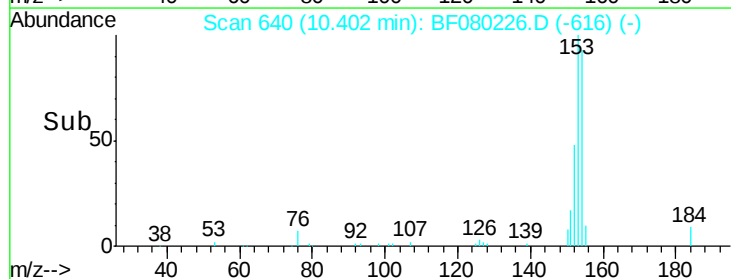
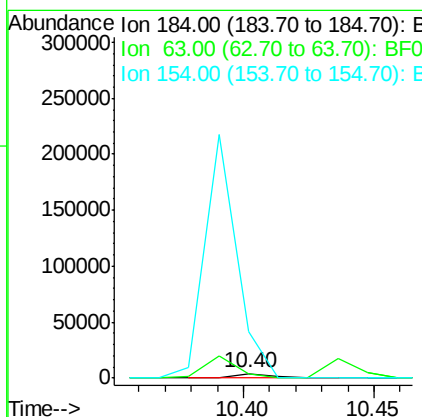
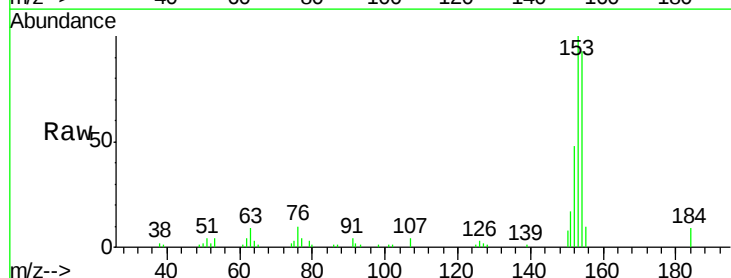
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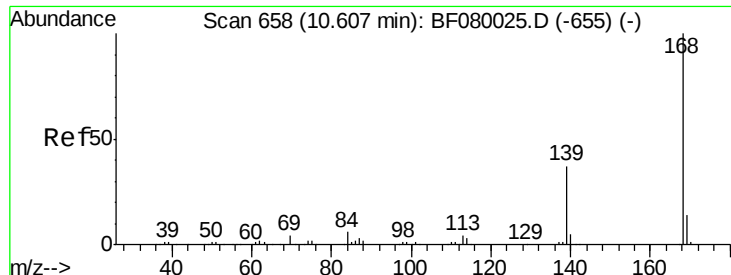
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#53
2,4-Dinitrophenol
Concen: 15.14 ng
RT: 10.40 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:184 Resp: 3482
Ion Ratio Lower Upper
184 100
63 95.9 35.4 53.2#
154 1018.1 32.2 48.4#





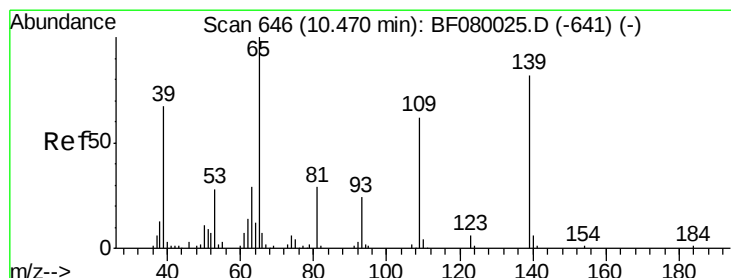
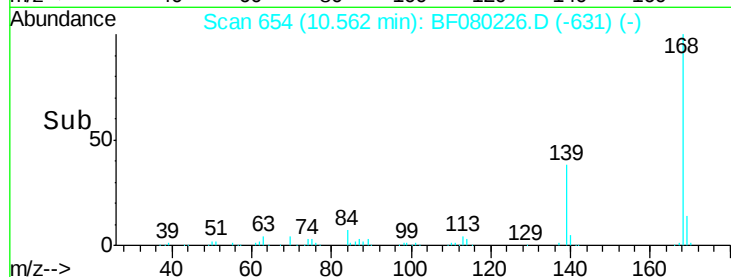
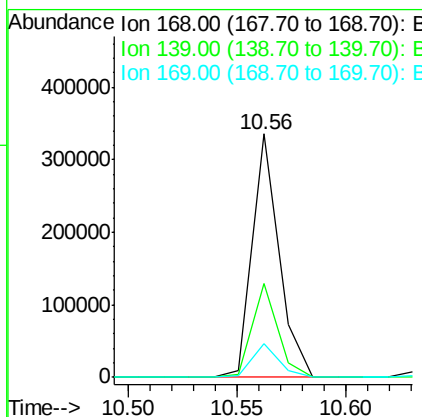
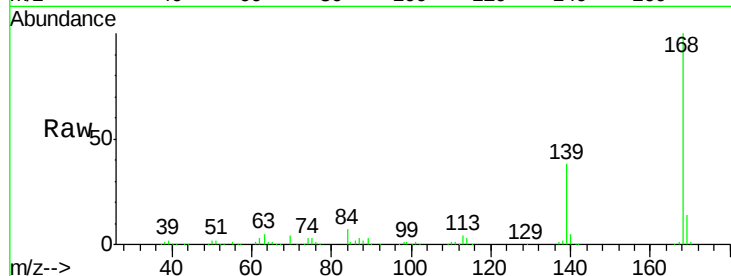
#54
Dibenzenofuran
Concen: 53.14 ng
RT: 10.56 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	287222		
139	38.4	24.2	36.2#	
169	14.0	10.6	15.8	

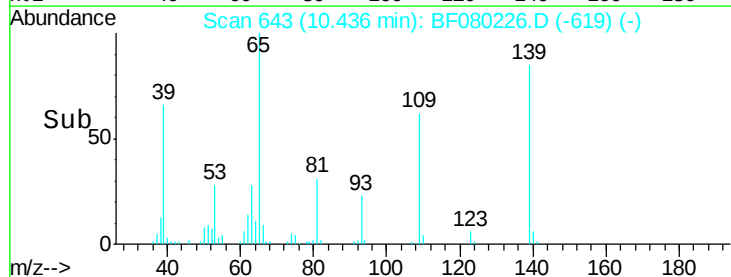
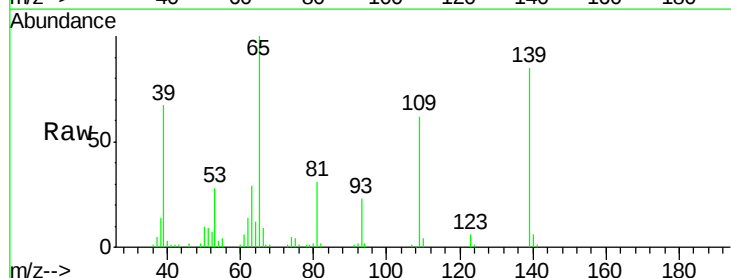
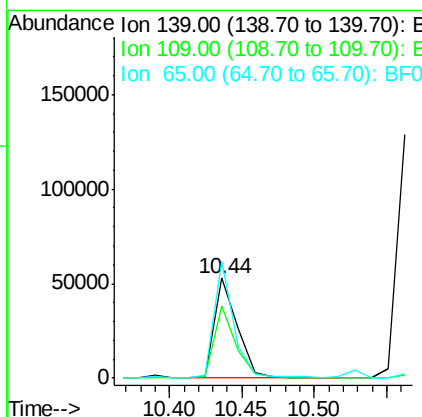
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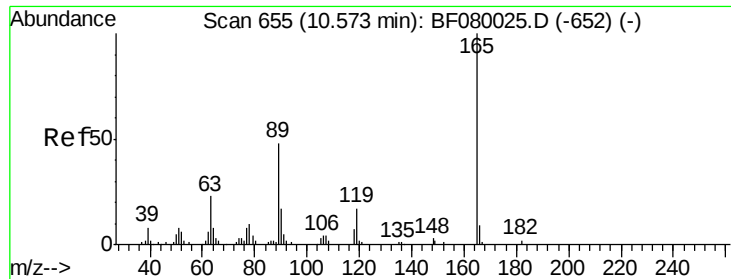
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#55
4-Nitrophenol
Concen: 74.28 ng
RT: 10.44 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	58340		
109	72.5	12.7	52.7#	
65	117.2	45.9	85.9#	





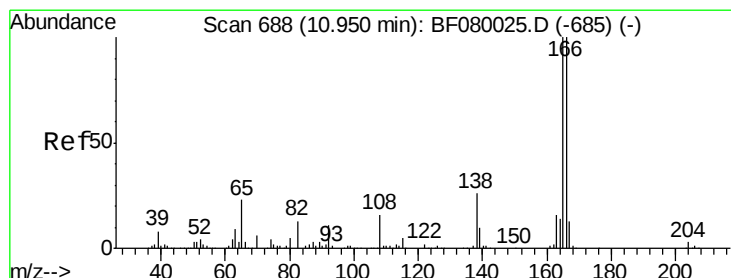
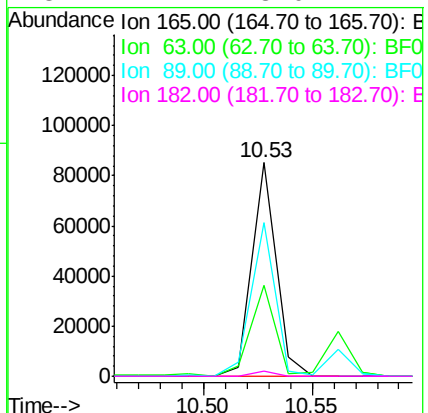
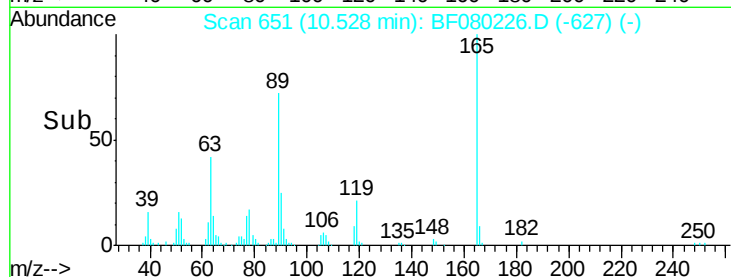
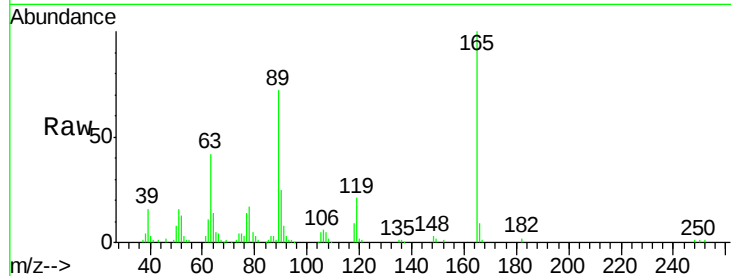
#56
2,4-Dinitrotoluene
Concen: 61.12 ng
RT: 10.53 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	42.4	29.8	44.6
89	71.9	44.5	66.7#
182	2.2	3.0	4.4#

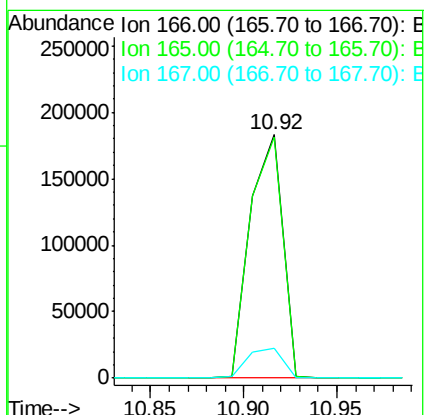
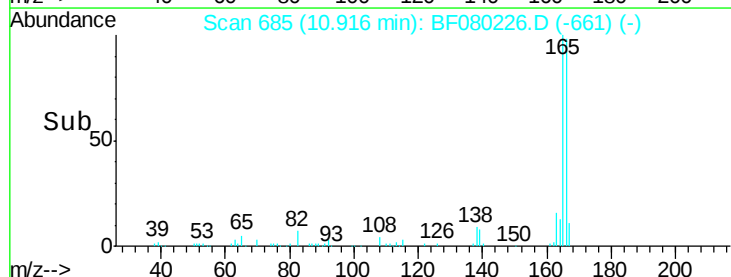
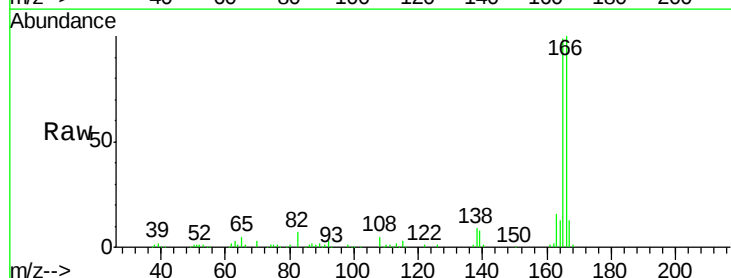
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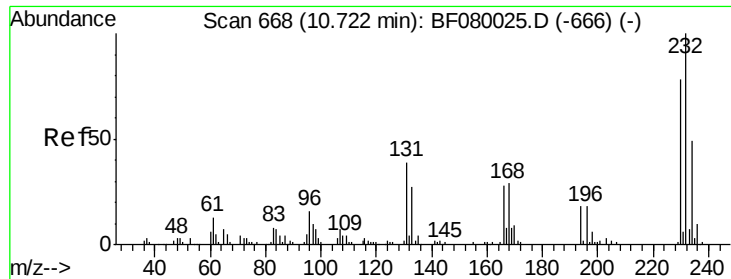
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#57
Fluorene
Concen: 51.64 ng
RT: 10.92 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

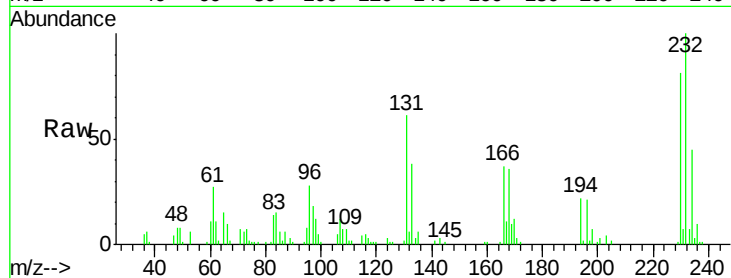
Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	99.0	72.6	109.0
167	12.5	10.6	16.0





#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.48 ng
 RT: 10.68 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

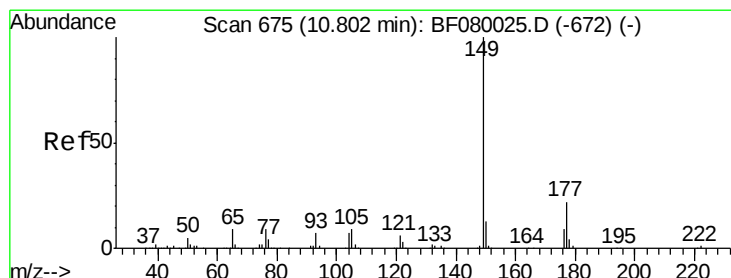
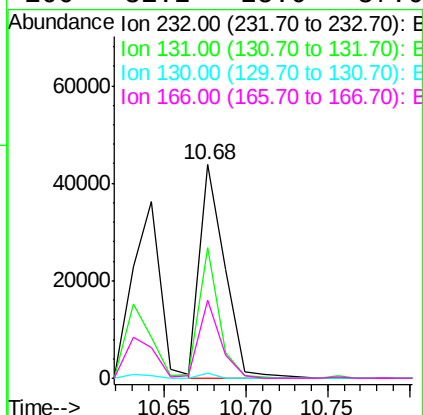
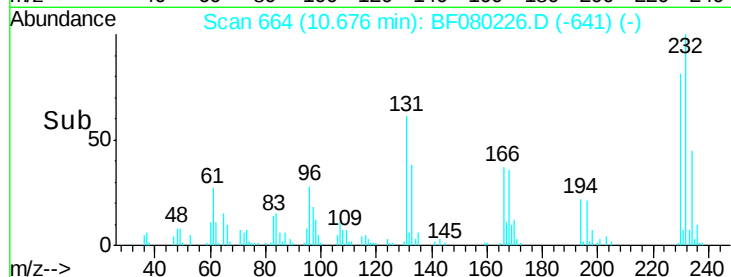
Instrument :
 BNA_F
 ClientSampleId :
 SOILMS



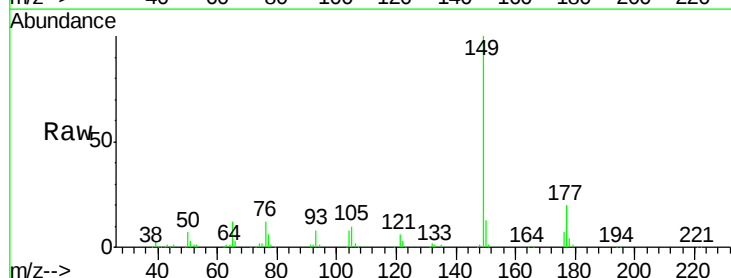
Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.9	38.5	57.7
130	1.5	1.8	2.6
166	31.2	25.0	37.6

Manual Integrations
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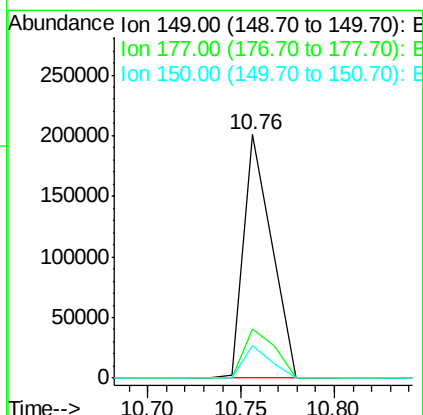
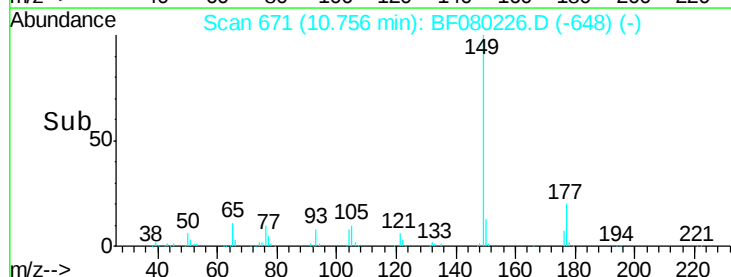
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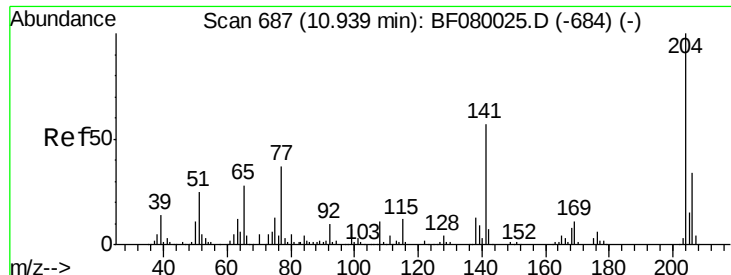


#59
 Diethylphthalate
 Concen: 48.80 ng
 RT: 10.76 min Scan# 671
 Delta R.T. -0.03 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44



Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.9	17.5	26.3
150	13.2	9.4	14.2





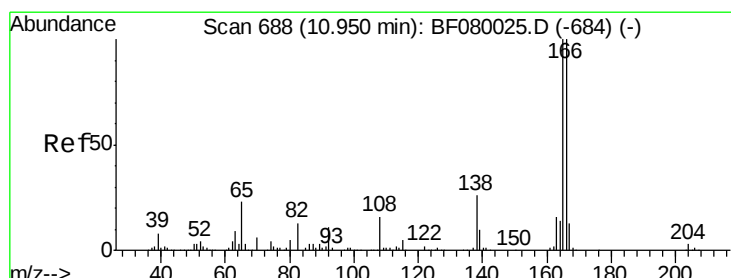
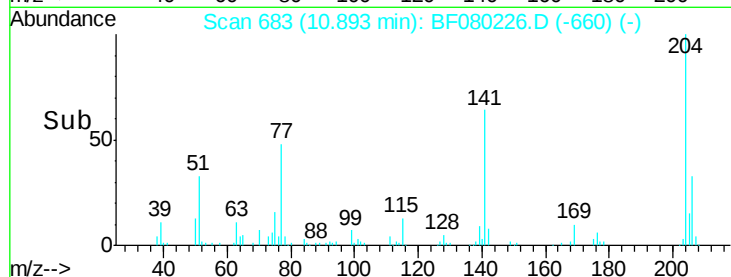
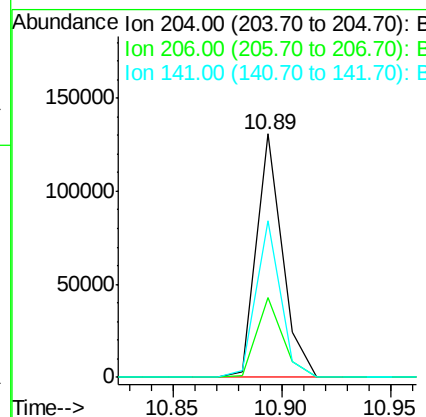
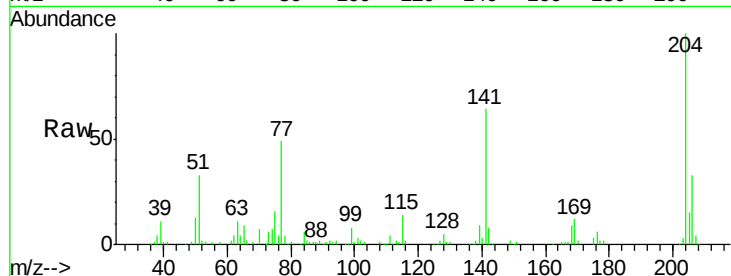
#60
4-Chlorophenyl-phenylether
Concen: 52.63 ng
RT: 10.89 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.9	24.8	37.2
141	64.4	42.2	63.4#

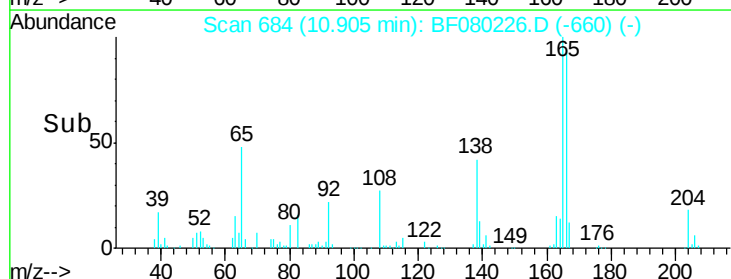
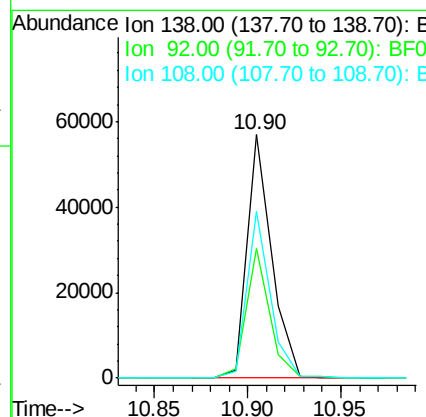
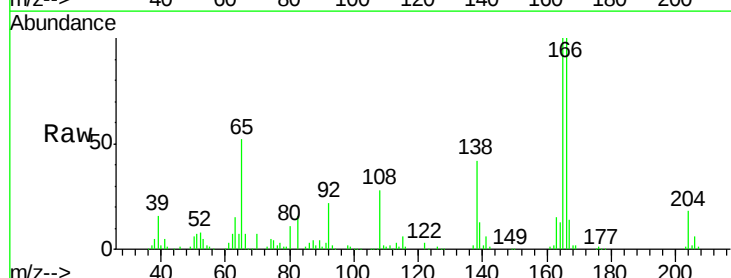
Manual Integrations
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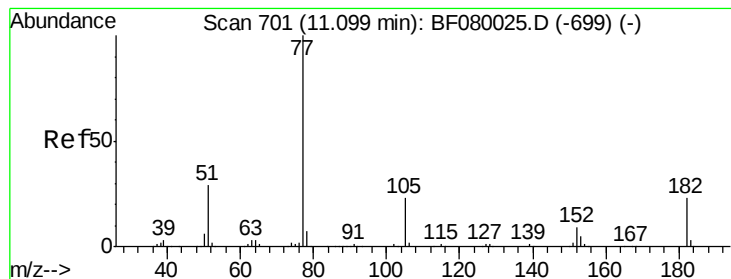
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#61
4-Nitroaniline
Concen: 51.57 ng
RT: 10.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	53.5	12.6	52.6#
108	68.3	12.4	52.4#





#62

Azobenzene

Concen: 50.02 ng

RT: 11.05 min Scan# 697

Delta R.T. -0.03 min

Lab File: BF080226.D

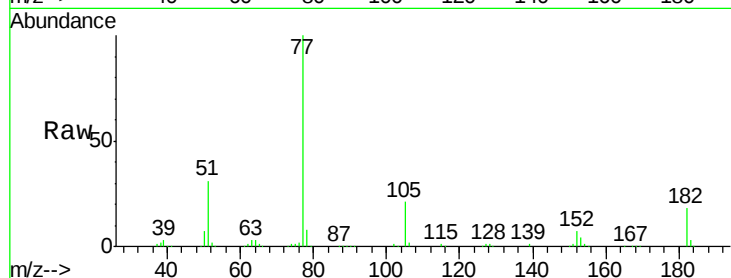
Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

ClientSampleId :

SOILMS



Tgt Ion: 77 Resp: 217836

Ion Ratio Lower Upper

77 100

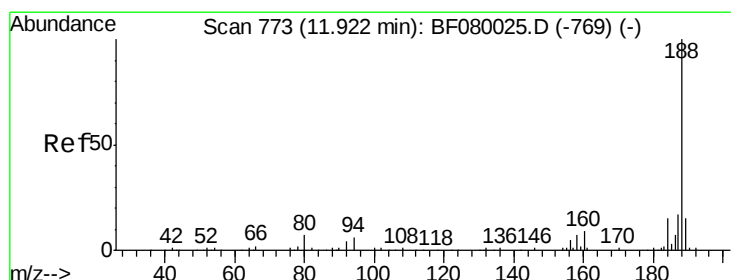
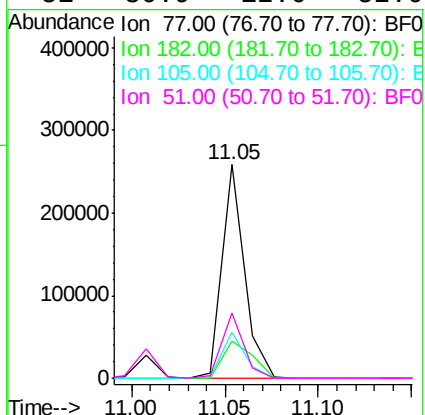
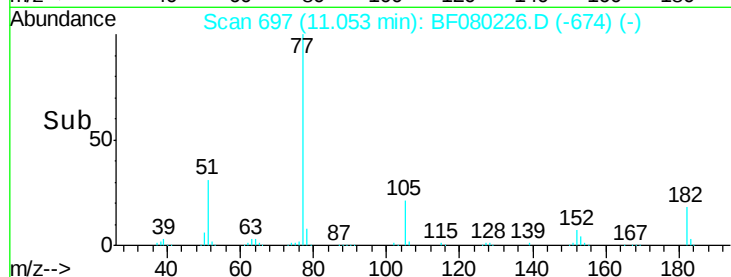
182 17.5 15.1 55.1

105 21.3 3.4 43.4

51 30.9 12.0 52.0

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#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.86 min Scan# 768

Delta R.T. -0.05 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

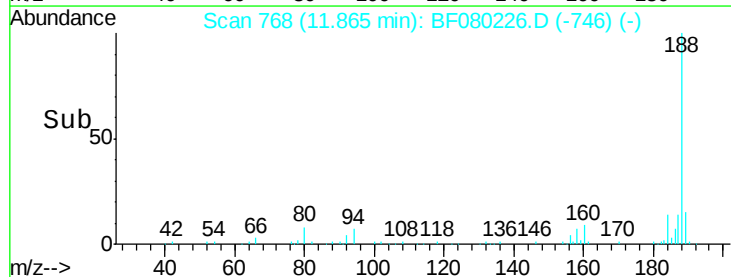
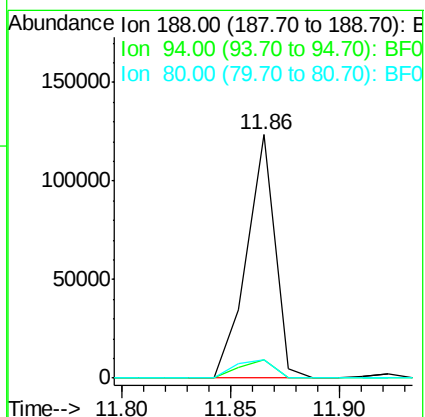
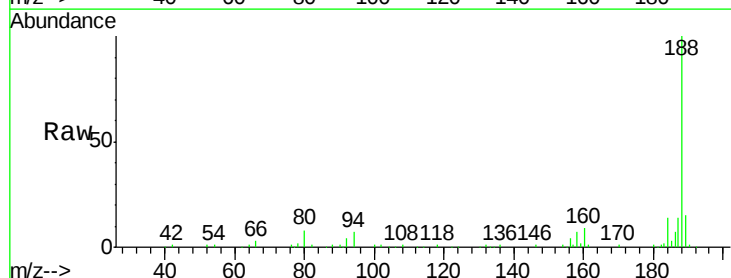
Tgt Ion: 188 Resp: 112114

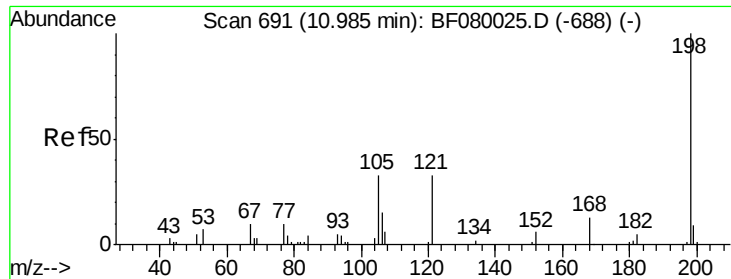
Ion Ratio Lower Upper

188 100

94 7.4 11.1 16.7#

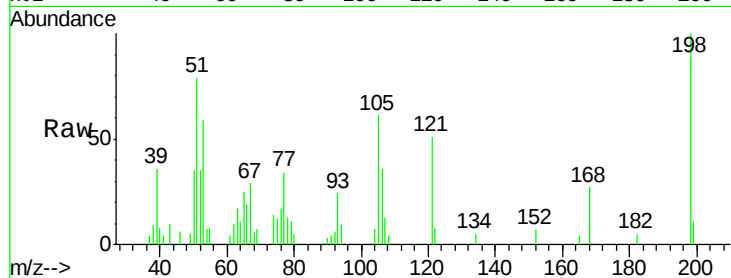
80 7.7 11.0 16.4#





#64
 4,6-Dinitro-2-methylphenol
 Concen: 24.36 ng
 RT: 10.94 min Scan# 687
 Delta R.T. -0.03 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

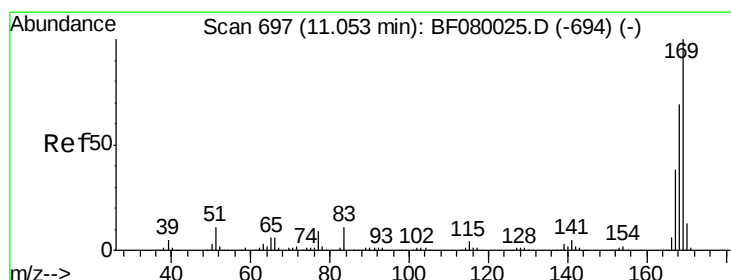
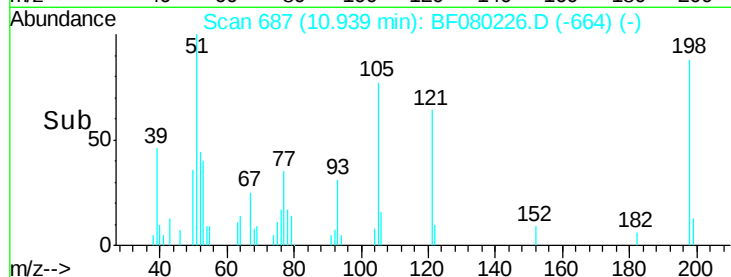
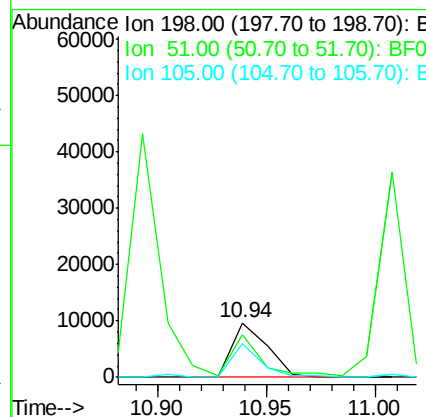
Instrument :
 BNA_F
 ClientSampled :
 SOILMS



Tgt Ion:	198	Resp:	10820
Ion Ratio	Lower	Upper	
198	100		
51	79.3	39.6	79.6
105	61.4	28.5	68.5

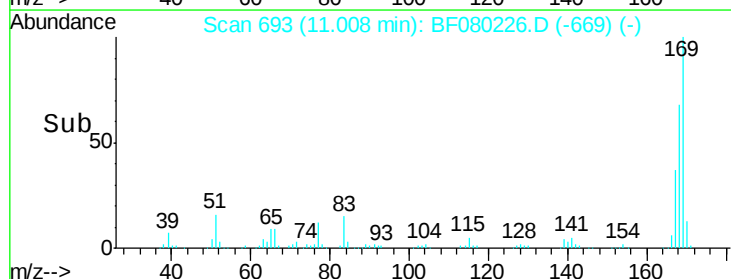
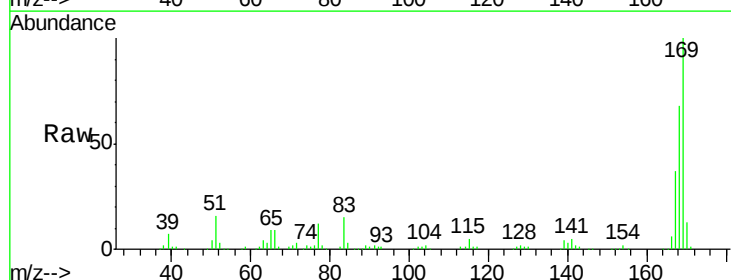
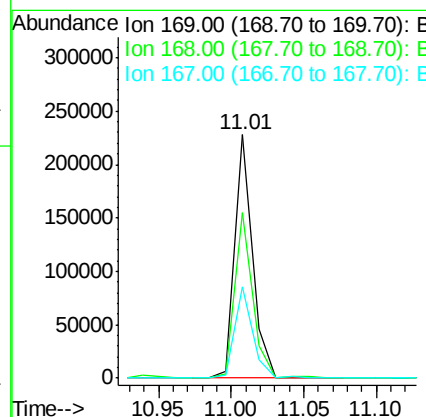
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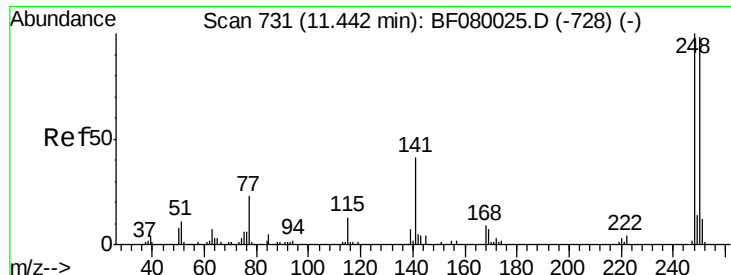
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#65
 n-Nitrosodiphenylamine
 Concen: 52.92 ng
 RT: 11.01 min Scan# 693
 Delta R.T. -0.02 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

Tgt Ion:	169	Resp:	193205
Ion Ratio	Lower	Upper	
169	100		
168	68.2	48.9	73.3
167	37.2	26.2	39.4





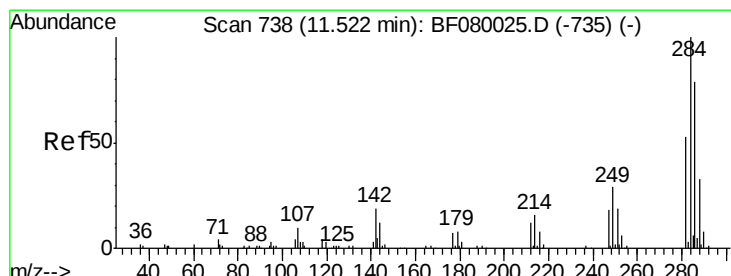
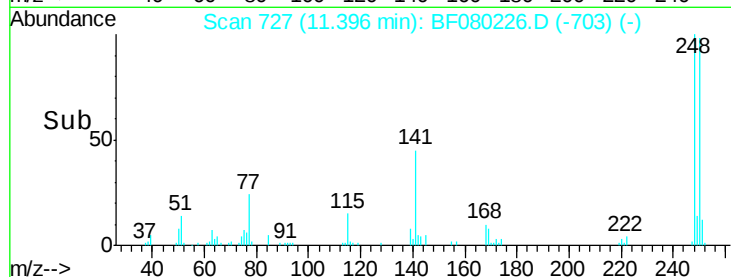
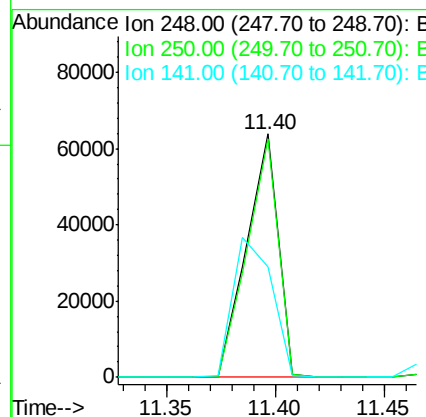
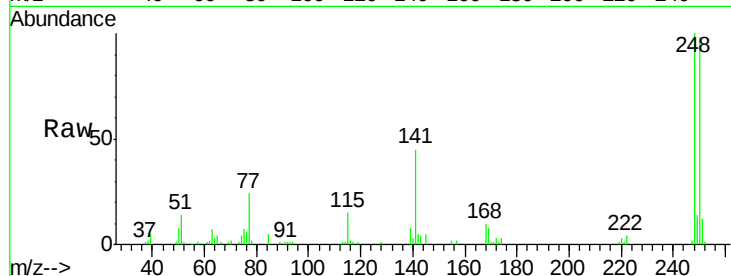
#66
4-Bromophenyl-phenylether
Concen: 53.87 ng
RT: 11.40 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.5	117.7
141	45.5	59.0	88.6#

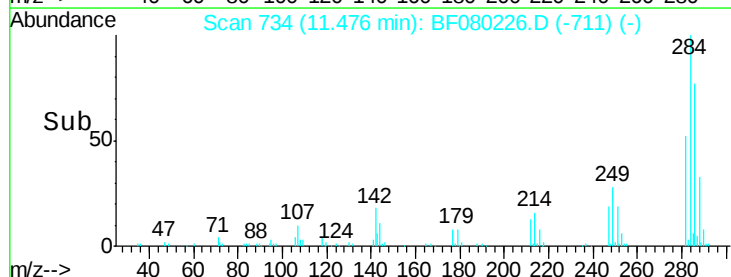
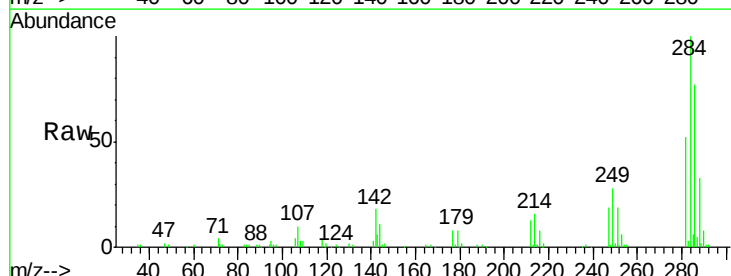
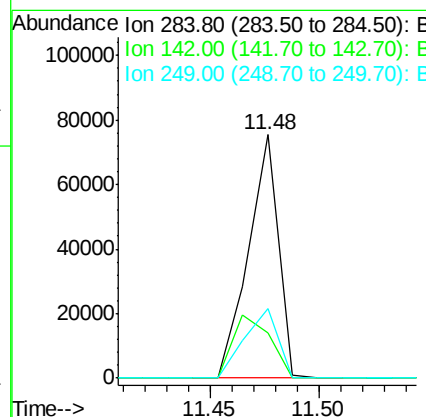
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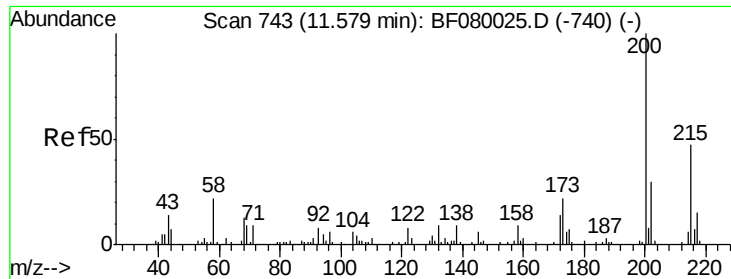
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#67
Hexachlorobenzene
Concen: 54.15 ng
RT: 11.48 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	18.4	29.5	44.3#
249	28.3	19.5	29.3





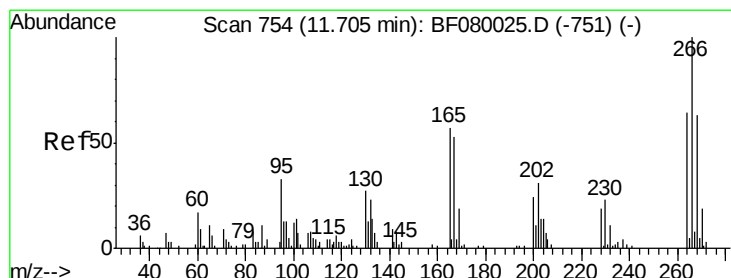
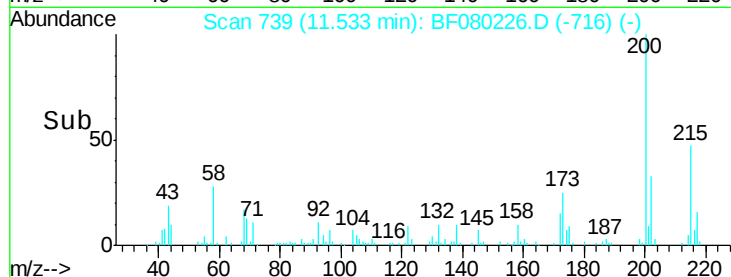
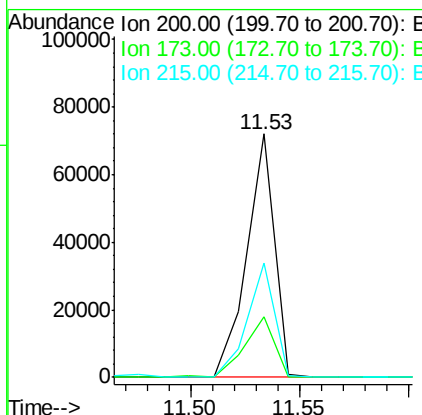
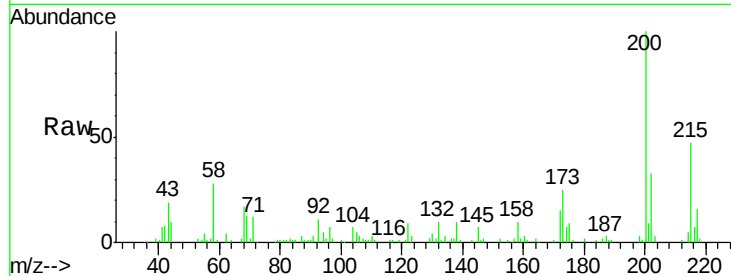
#68
Atrazine
Concen: 54.83 ng
RT: 11.53 min Scan# 739
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampled :
SOILMS

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	24.7	13.2	53.2
215	47.1	41.8	81.8

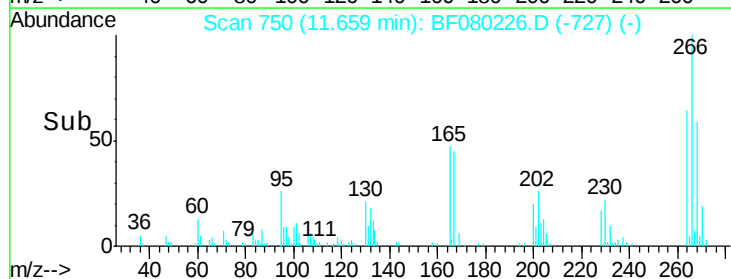
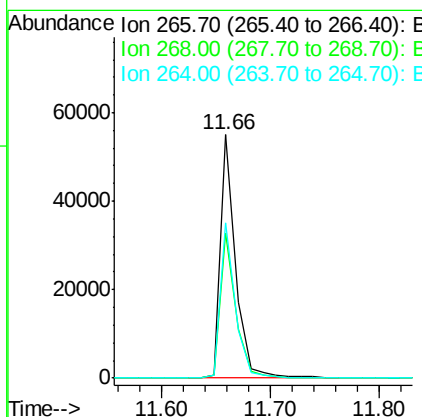
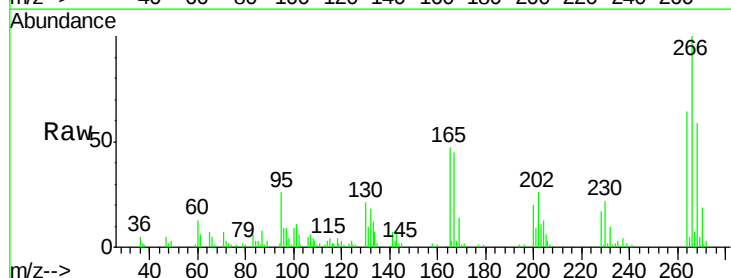
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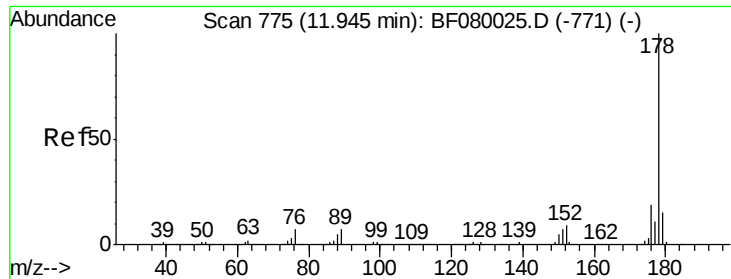
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#69
Pentachlorophenol
Concen: 71.35 ng
RT: 11.66 min Scan# 750
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	59.4	49.8	74.6
264	64.0	50.2	75.2





#70

Phenanthrene

Concen: 53.19 ng

RT: 11.89 min Scan# 770

Delta R.T. -0.05 min

Lab File: BF080226.D

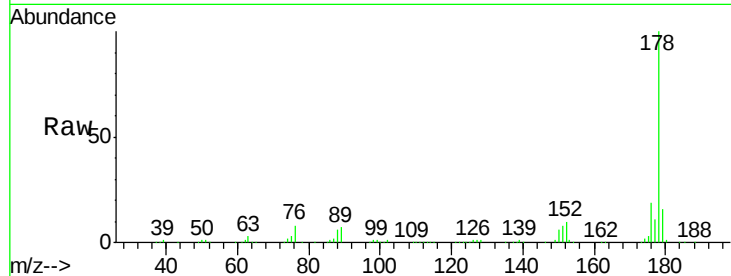
Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

ClientSampled :

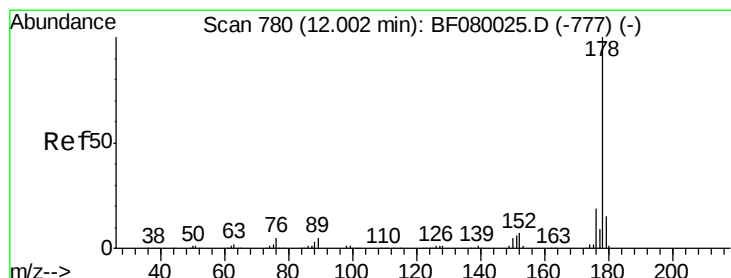
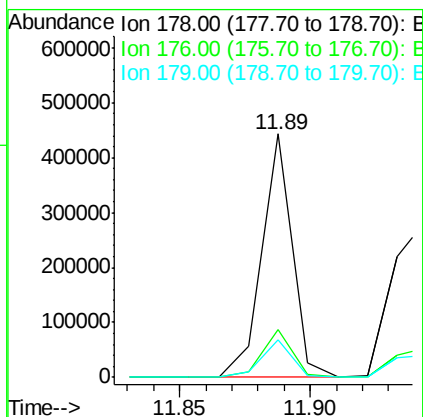
SOILMS



Tgt Ion:	178	Resp:	361048
Ion Ratio	Lower	Upper	
178	100		
176	19.5	13.8	20.8
179	15.6	12.2	18.2

Manual Integrations
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#71

Anthracene

Concen: 54.63 ng

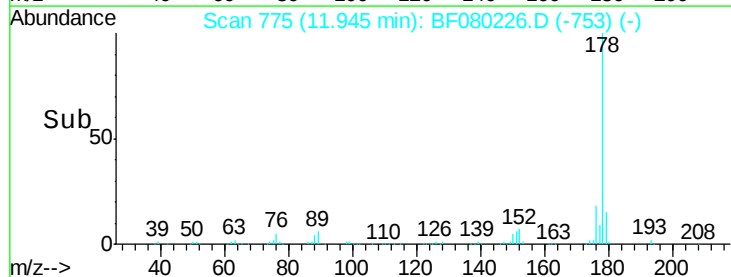
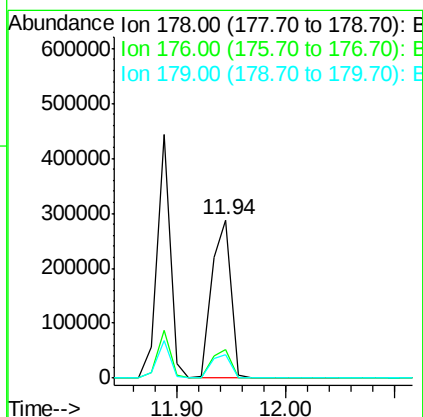
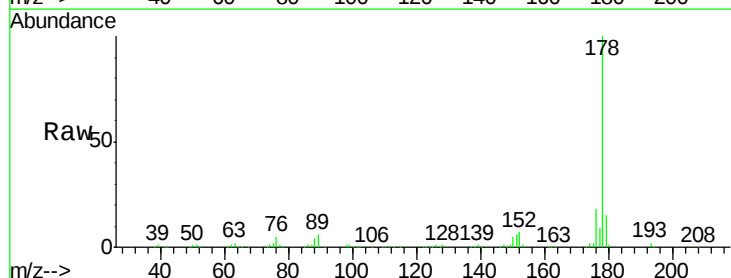
RT: 11.94 min Scan# 775

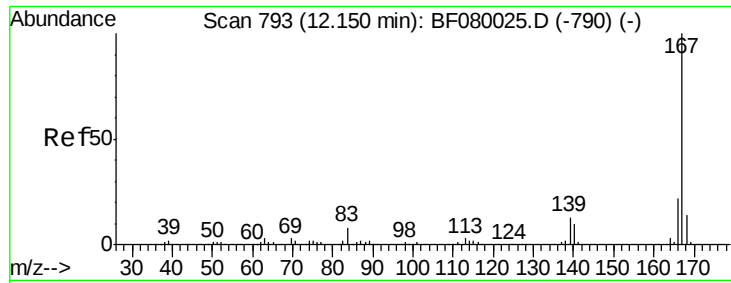
Delta R.T. -0.05 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Tgt Ion:	178	Resp:	357069
Ion Ratio	Lower	Upper	
178	100		
176	18.3	14.1	21.1
179	15.0	12.2	18.2





#72

Carbazole

Concen: 50.09 ng

RT: 12.09 min Scan# 788

Delta R.T. -0.05 min

Lab File: BF080226.D

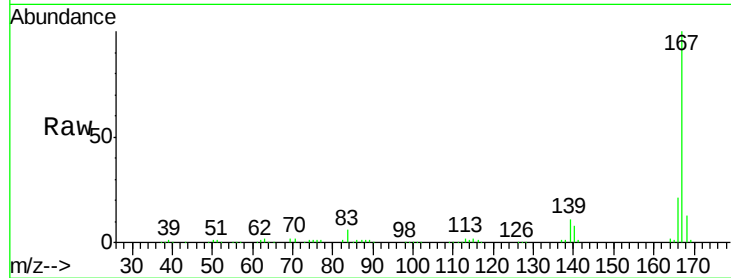
Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

ClientSampleId :

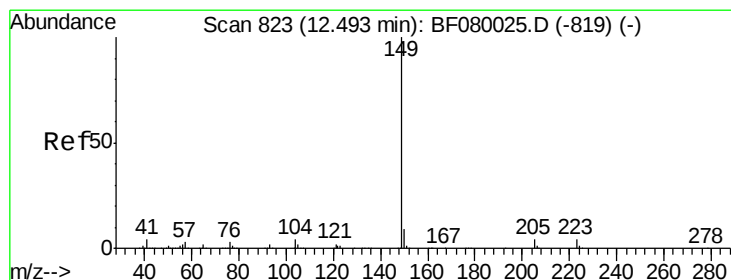
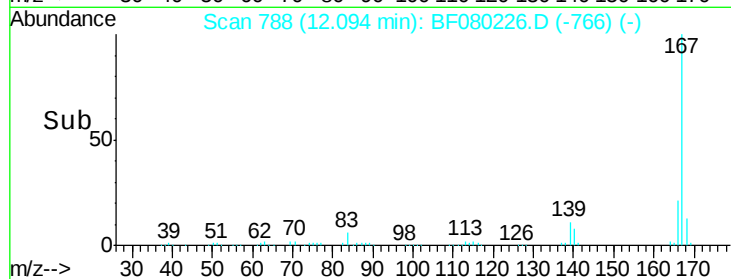
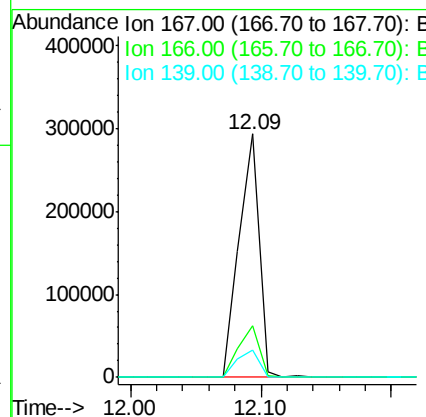
SOILMS



Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	15.7	23.5
139	11.1	9.5	14.3

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#73

Di-n-butylphthalate

Concen: 50.78 ng

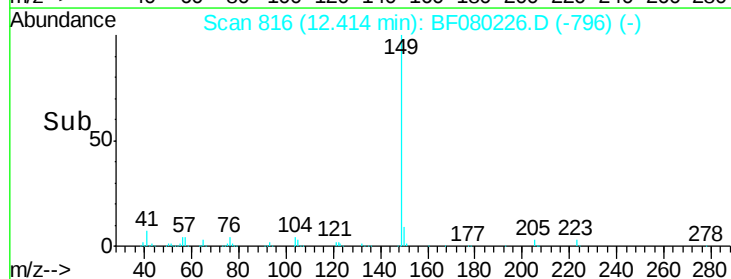
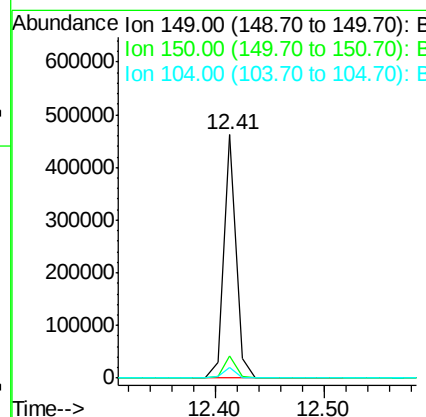
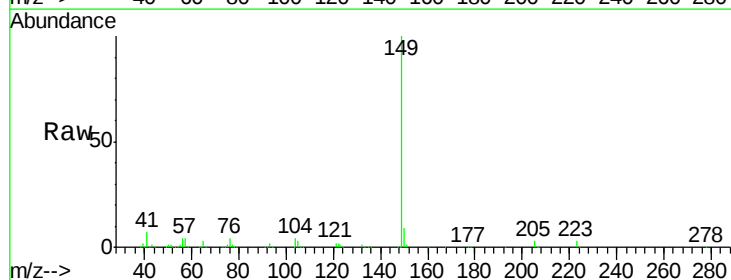
RT: 12.41 min Scan# 816

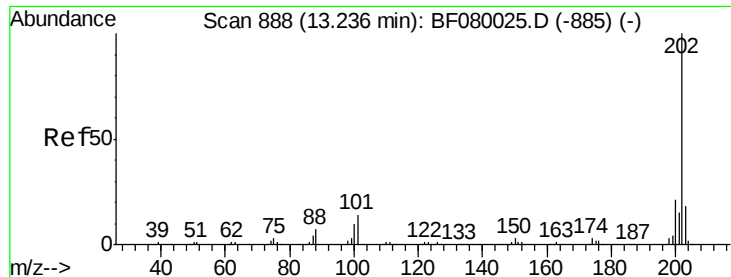
Delta R.T. -0.07 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.4	2.4	3.6





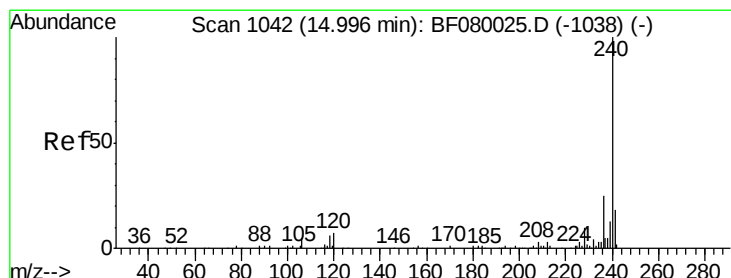
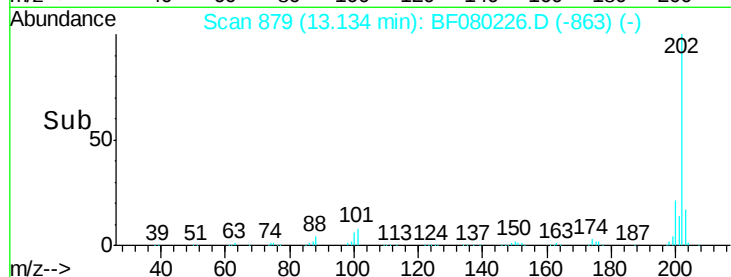
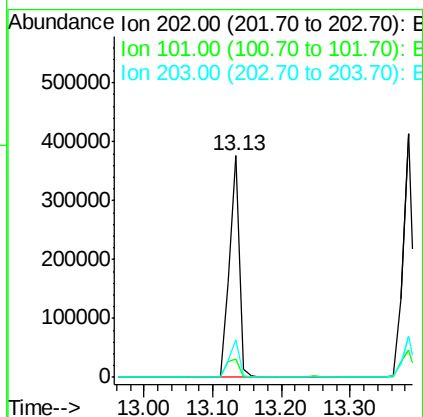
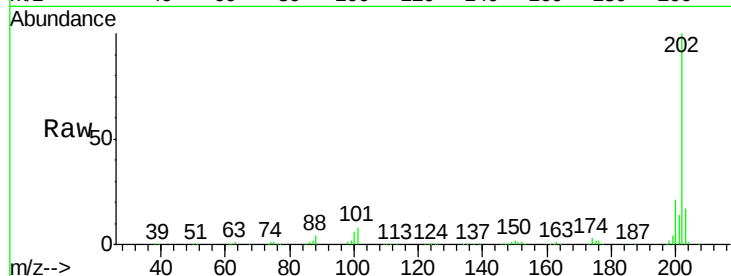
#74
Fluoranthene
Concen: 53.03 ng
RT: 13.13 min Scan# 879
Delta R.T. -0.11 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampled :
SOILMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.2	0.0	38.3
203	17.0	0.0	37.3

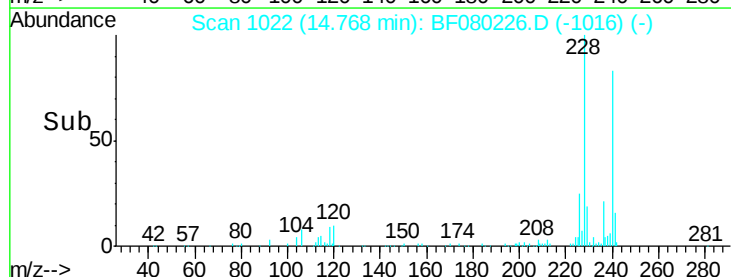
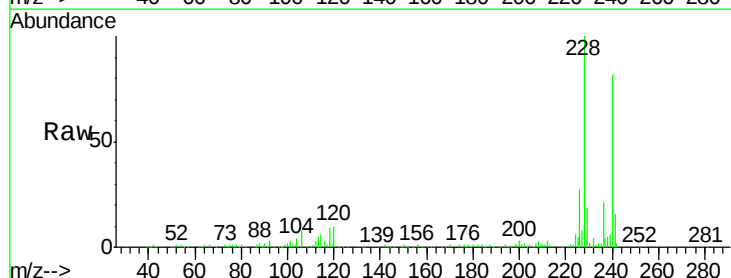
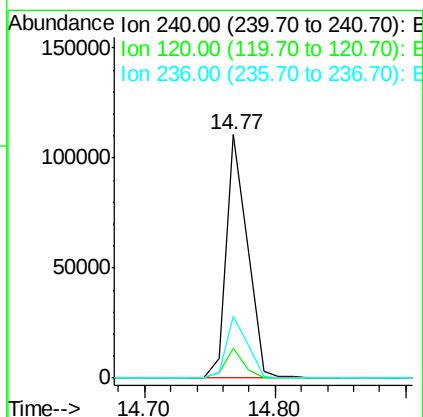
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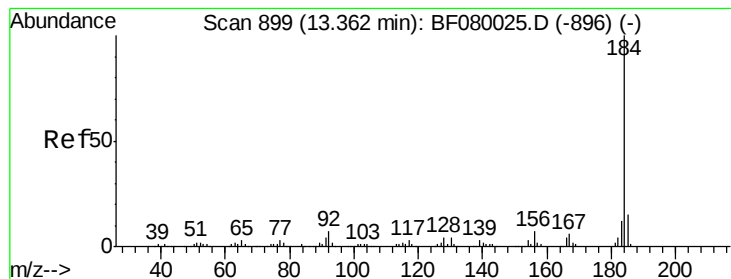
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1022
Delta R.T. -0.23 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	12.4	16.2	24.2#
236	25.6	18.4	27.6





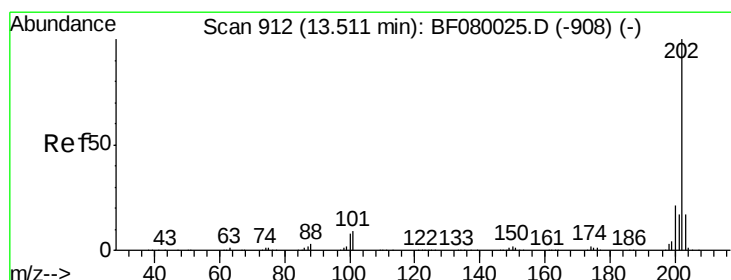
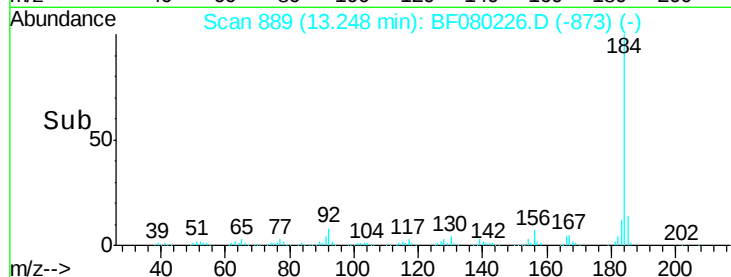
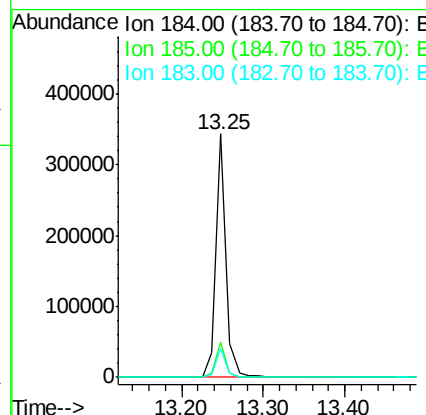
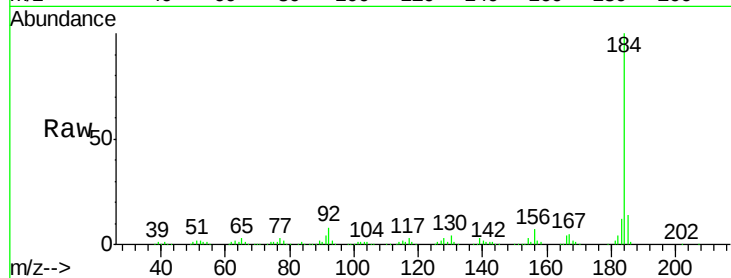
#76
Benzidine
Concen: 87.03 ng
RT: 13.25 min Scan# 889
Delta R.T. -0.11 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	302558		
185	14.5	11.8	17.6	
183	11.5	7.6	11.4	

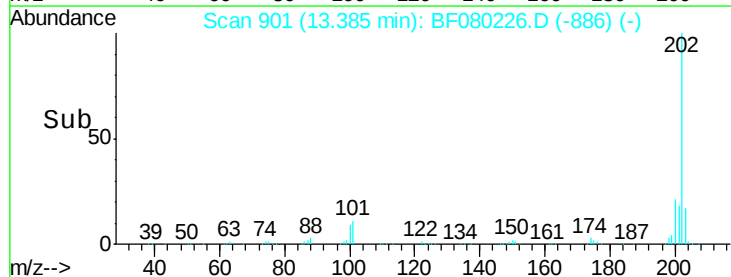
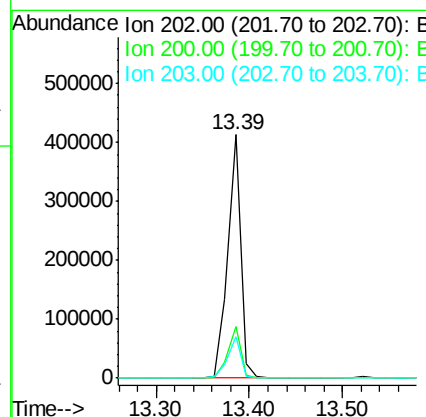
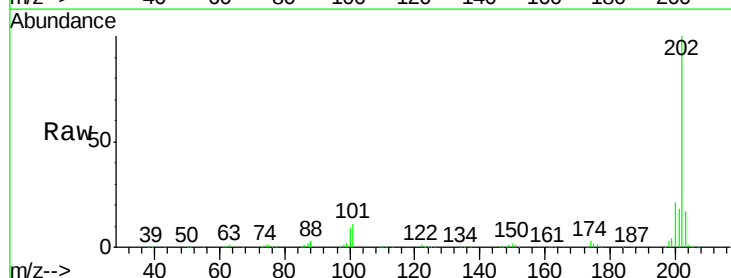
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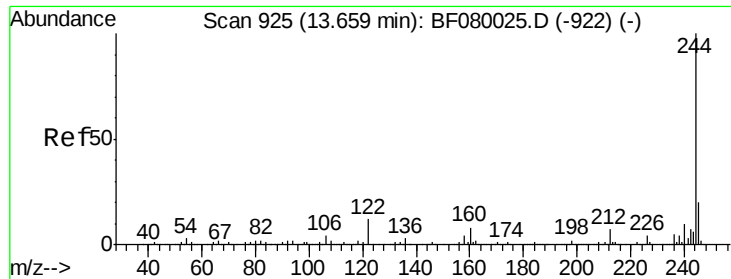
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#77
Pyrene
Concen: 52.09 ng
RT: 13.39 min Scan# 901
Delta R.T. -0.13 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	398892		
200	21.1	15.0	22.4	
203	17.0	14.1	21.1	





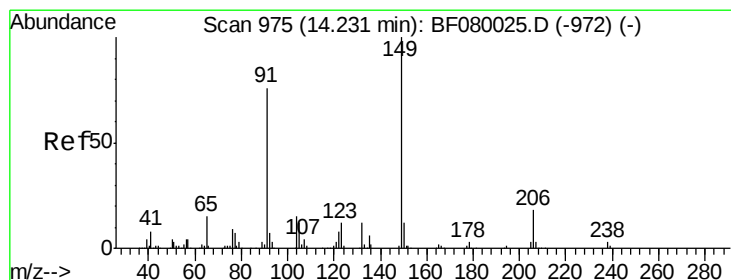
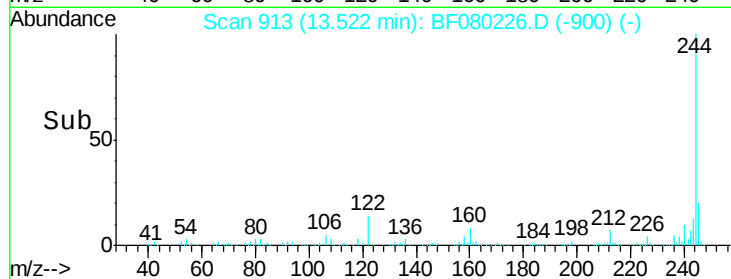
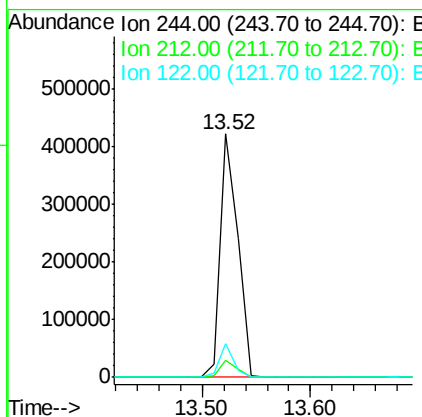
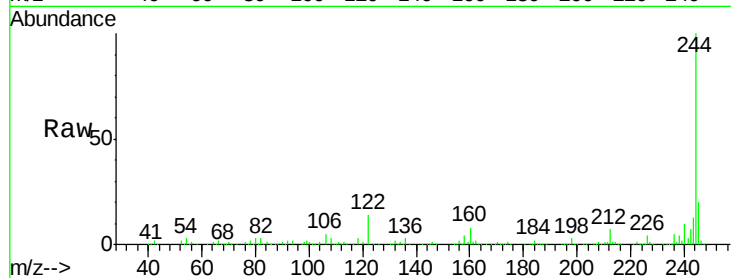
#78
 Terphenyl-d14
 Concen: 89.32 ng
 RT: 13.52 min Scan# 913
 Delta R.T. -0.15 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

Instrument :
 BNA_F
 ClientSampled :
 SOILMS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	4.3	6.5#
122	13.9	17.4	26.2#

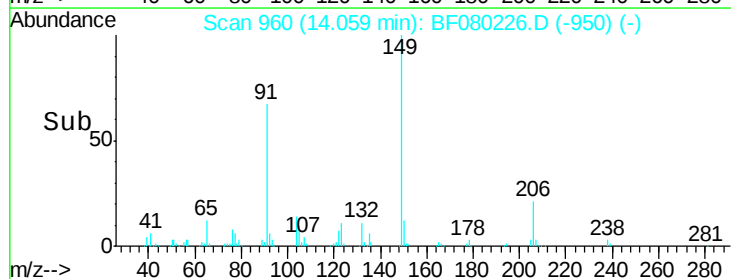
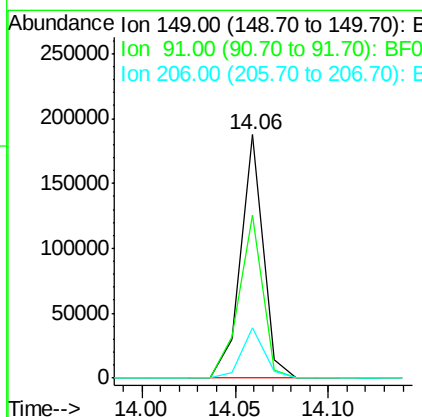
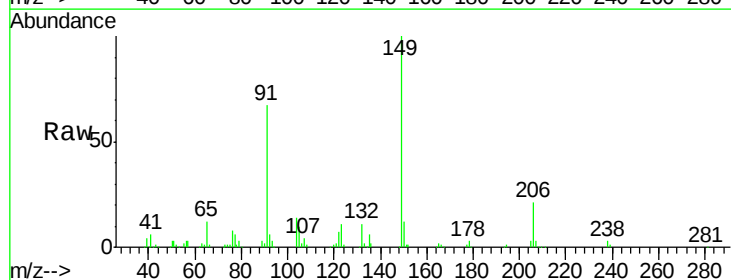
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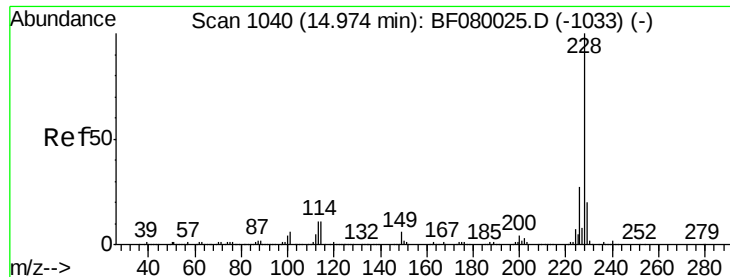
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#79
 Butylbenzylphthalate
 Concen: 51.70 ng
 RT: 14.06 min Scan# 960
 Delta R.T. -0.18 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.0	48.6	72.8
206	20.7	14.9	22.3





#80

Benzo(a)anthracene

Concen: 50.93 ng

RT: 14.76 min Scan# 1021

Delta R.T. -0.23 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

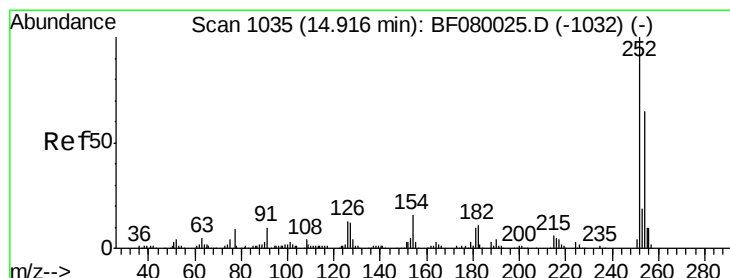
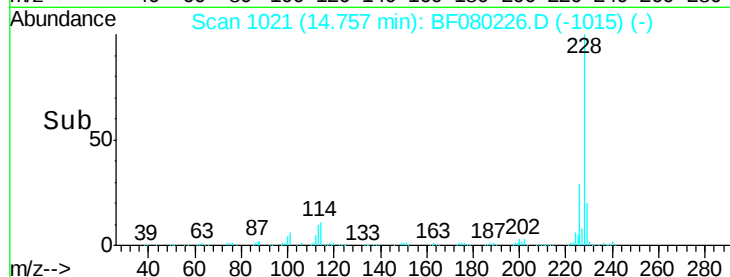
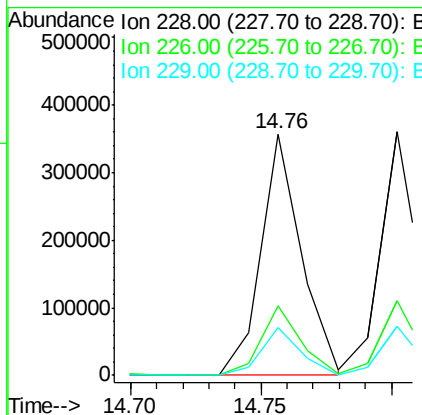
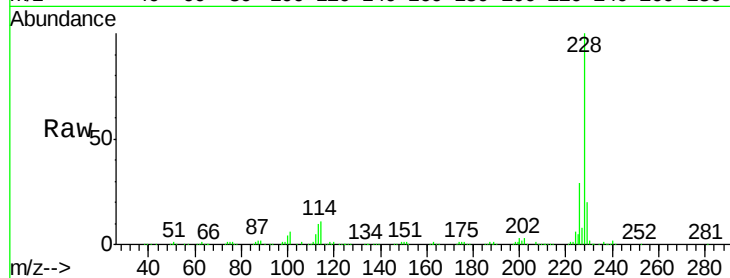
ClientSampleId :

SOILMS

Tgt Ion:	228	Resp:	385912
Ion Ratio	Lower	Upper	
228	100		
226	28.5	20.0	30.0
229	19.7	15.4	23.2

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#81

3,3'-Dichlorobenzidine

Concen: 54.77 ng

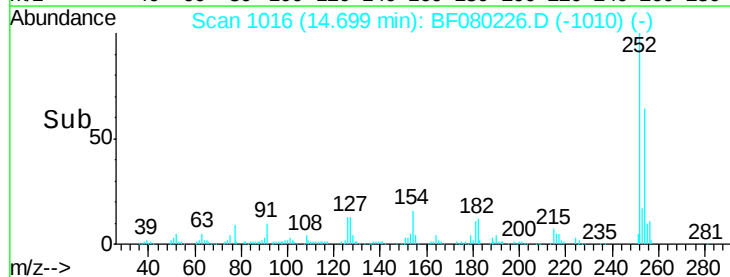
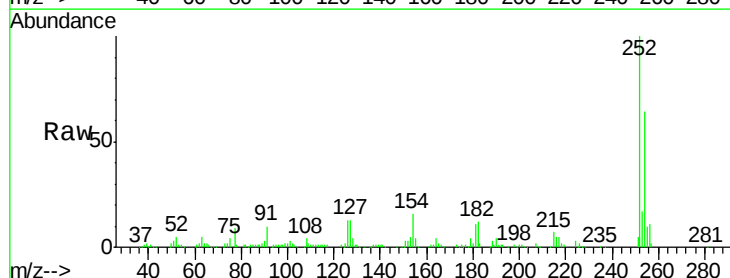
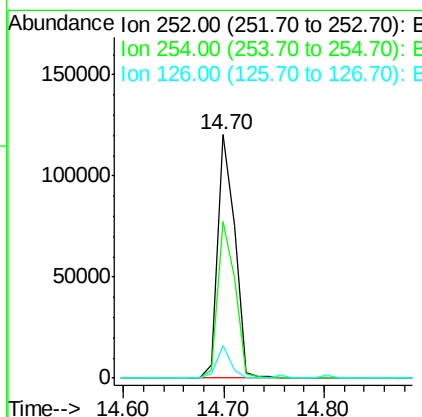
RT: 14.70 min Scan# 1016

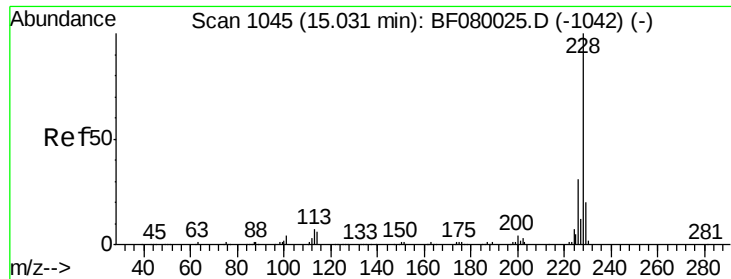
Delta R.T. -0.23 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Tgt Ion:	252	Resp:	143121
Ion Ratio	Lower	Upper	
252	100		
254	64.2	51.4	77.2
126	13.3	16.4	24.6#





#82

Chrysene

Concen: 51.90 ng

RT: 14.80 min Scan# 1025

Delta R.T. -0.23 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

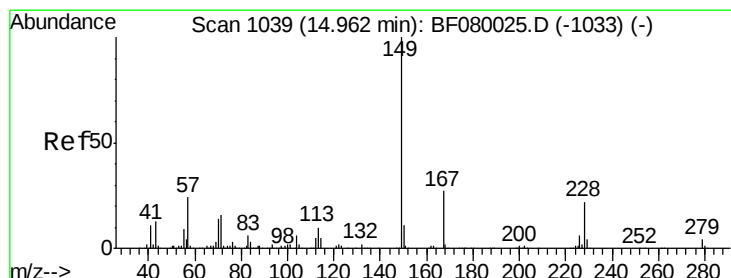
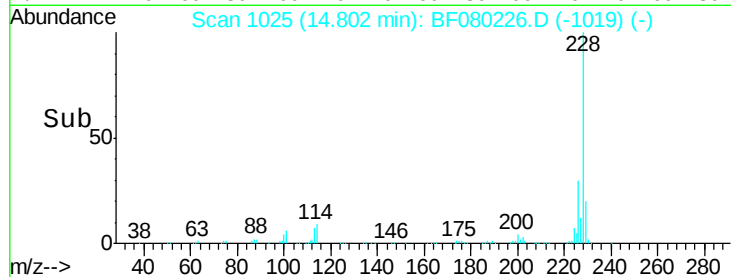
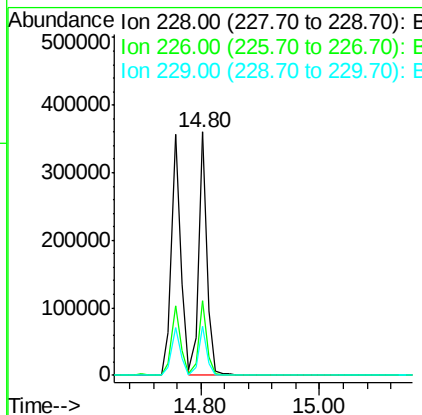
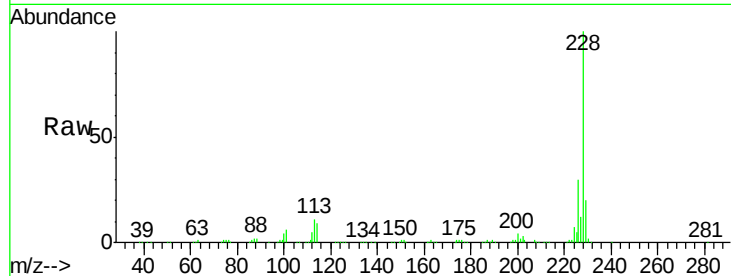
ClientSampleId :

SOILMS

Tgt Ion:	228	Resp:	362619
Ion Ratio	Lower	Upper	
228	100		
226	30.4	21.0	31.4
229	20.1	15.6	23.4

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#83

Bis(2-ethylhexyl)phthalate

Concen: 46.92 ng

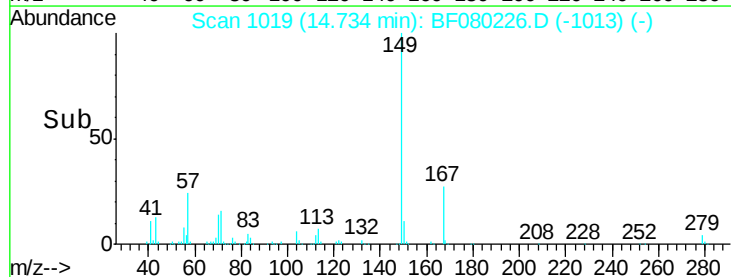
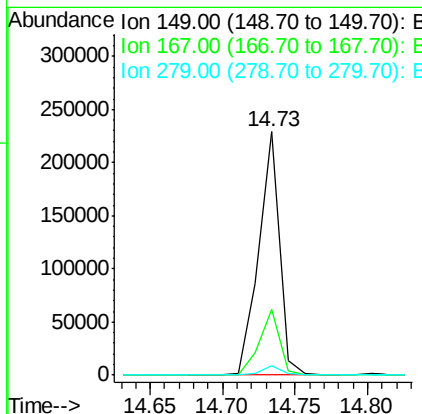
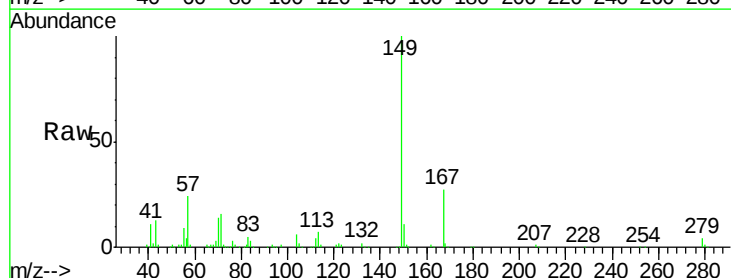
RT: 14.73 min Scan# 1019

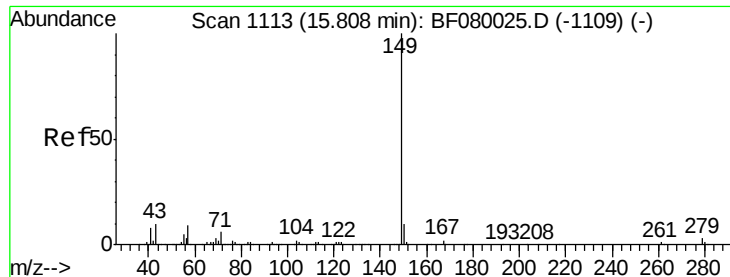
Delta R.T. -0.23 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Tgt Ion:	149	Resp:	228046
Ion Ratio	Lower	Upper	
149	100		
167	26.9	24.2	36.2
279	3.8	3.8	5.6#





#84

Di-n-octyl phthalate

Concen: 46.91 ng

RT: 15.51 min Scan# 1087

Delta R.T. -0.31 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

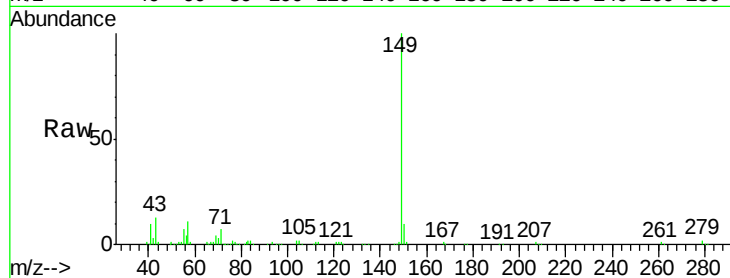
ClientSampleId :

SOILMS

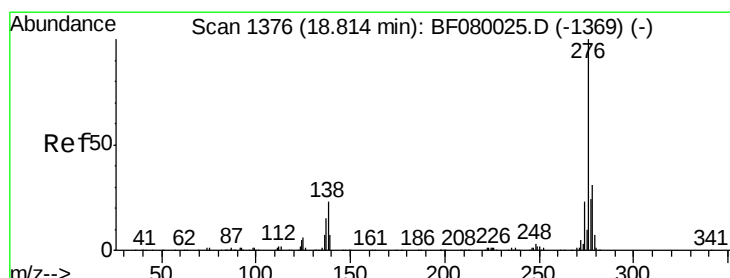
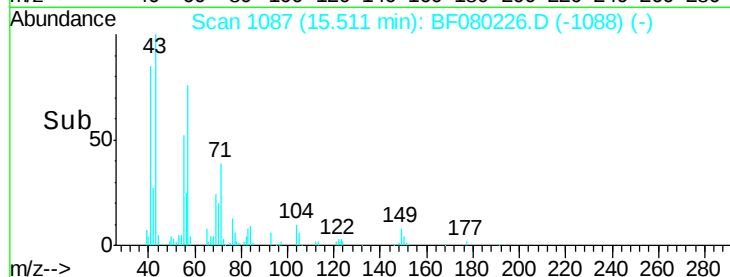
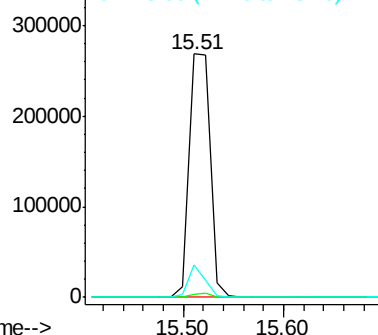
Tgt Ion:	149	Resp:	390692
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.0	1.6
43	10.2	10.2	15.2

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



#85

Indeno(1,2,3-cd)pyrene

Concen: 50.86 ng

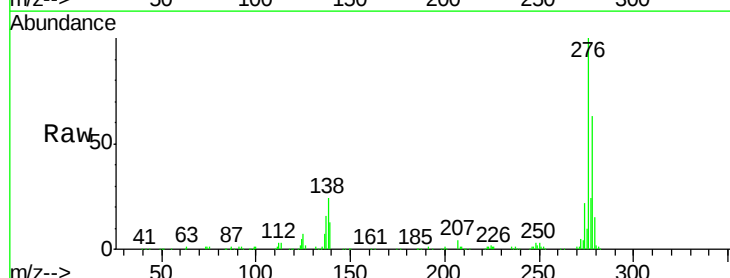
RT: 18.45 min Scan# 1344

Delta R.T. -0.34 min

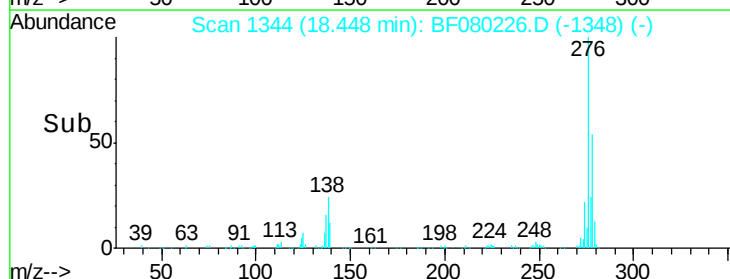
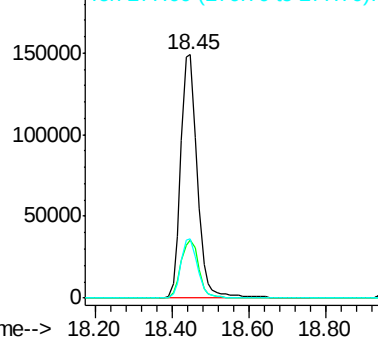
Lab File: BF080226.D

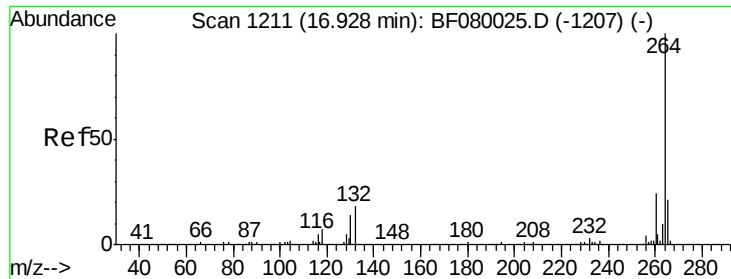
Acq: 30 Jun 2015 2:44

Tgt Ion:	276	Resp:	448133
Ion Ratio	Lower	Upper	
276	100		
138	25.3	25.7	38.5#
277	24.6	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





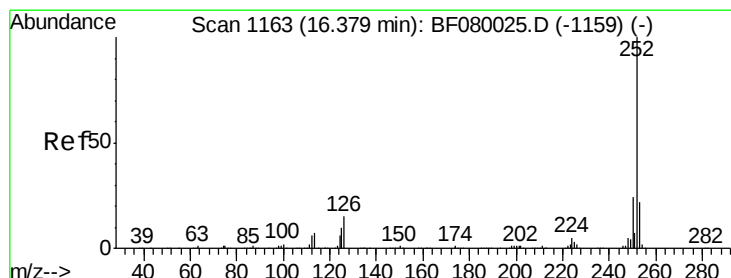
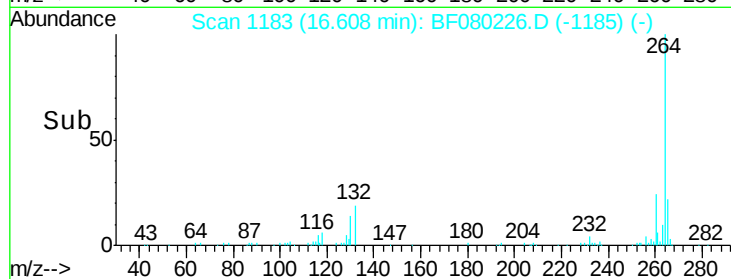
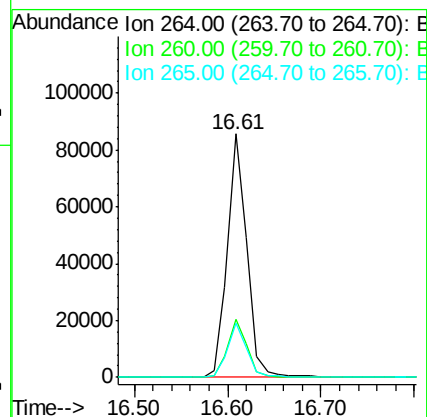
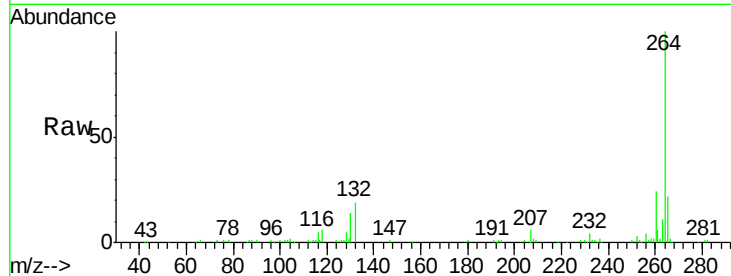
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.61 min Scan# 1183
Delta R.T. -0.32 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	16.7	25.1
265	22.1	17.2	25.8

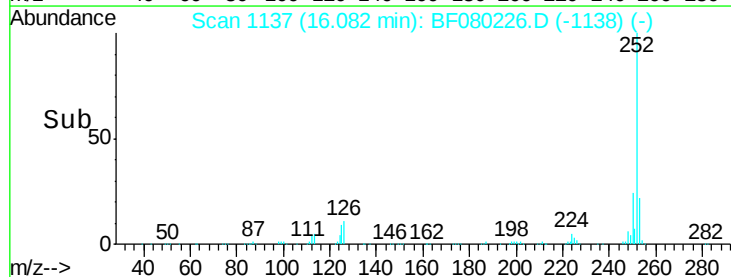
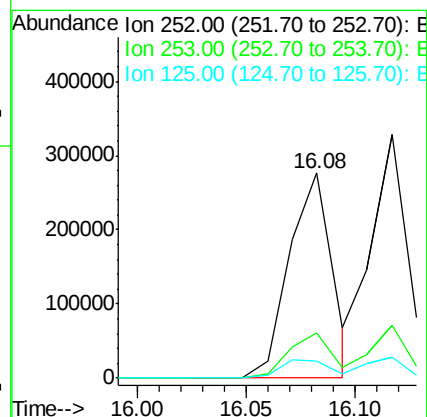
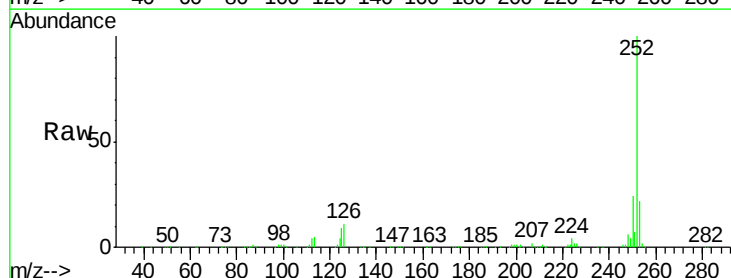
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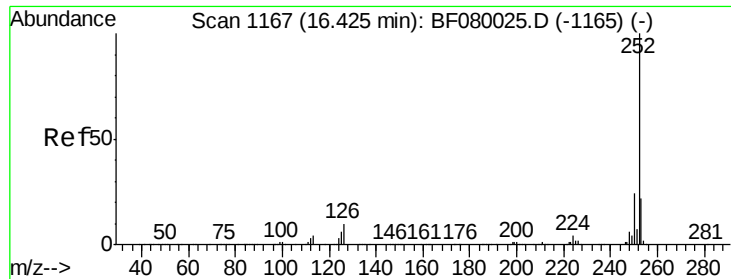
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#87
Benzo(b)fluoranthene
Concen: 50.56 ng
RT: 16.08 min Scan# 1137
Delta R.T. -0.31 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	8.6	17.1	25.7#





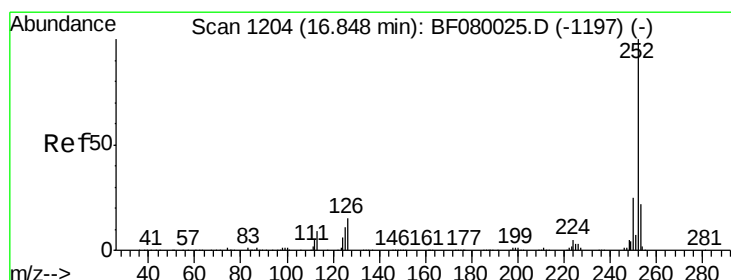
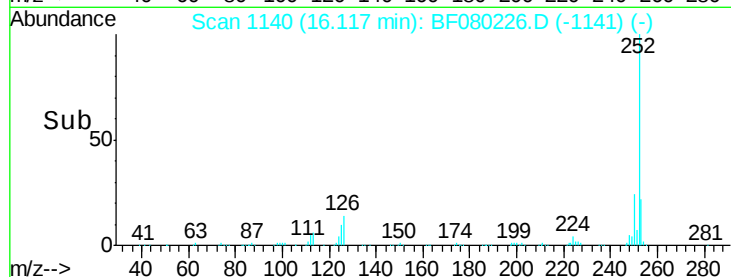
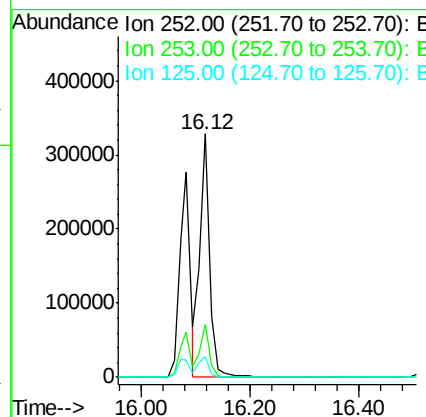
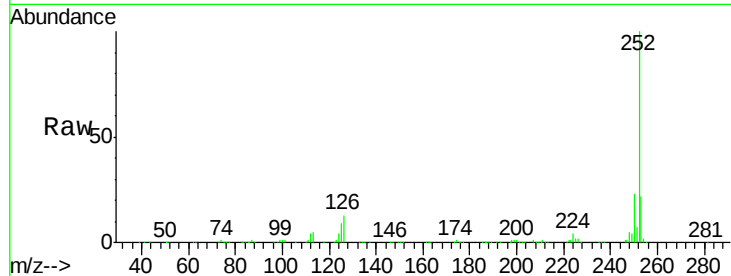
#88
Benzo(k)fluoranthene
Concen: 52.28 ng
RT: 16.12 min Scan# 1140
Delta R.T. -0.31 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.6	17.0	25.4
125	8.7	16.0	24.0

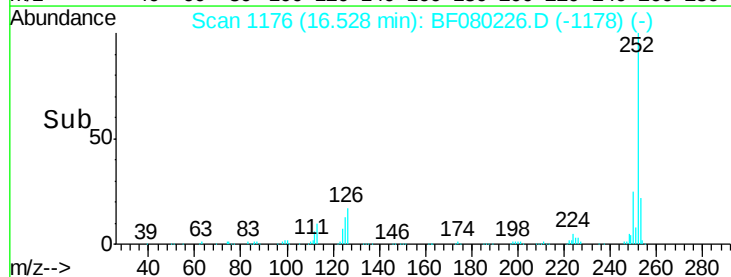
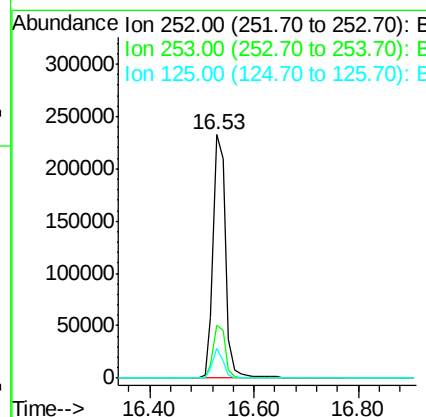
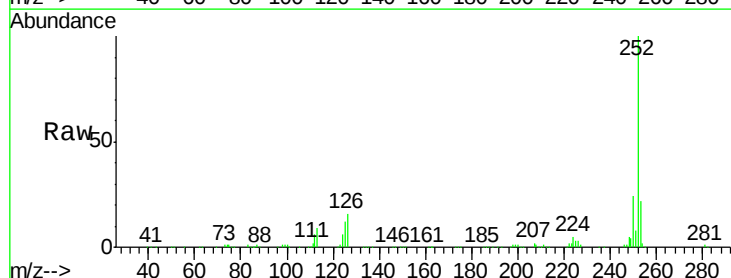
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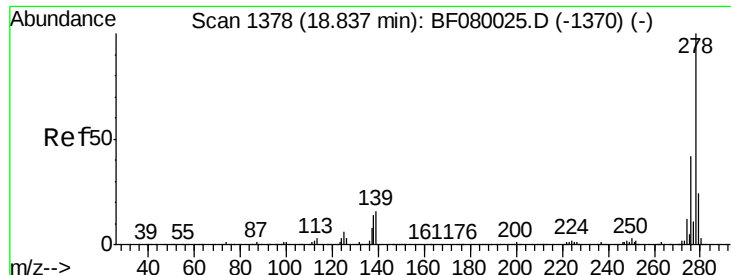
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#89
Benzo(a)pyrene
Concen: 54.50 ng
RT: 16.53 min Scan# 1176
Delta R.T. -0.32 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.0	17.2	25.8
125	12.1	18.0	27.0





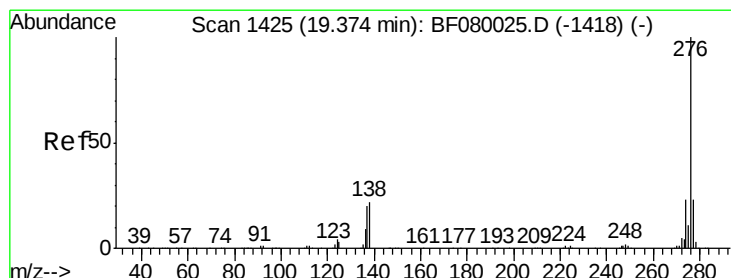
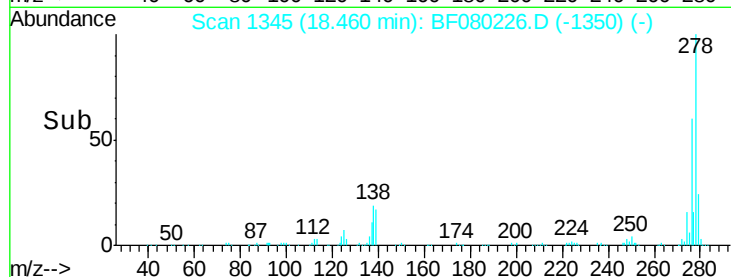
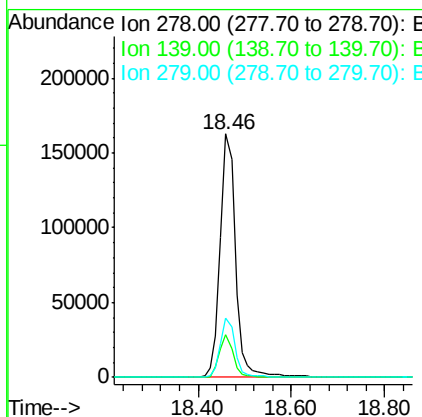
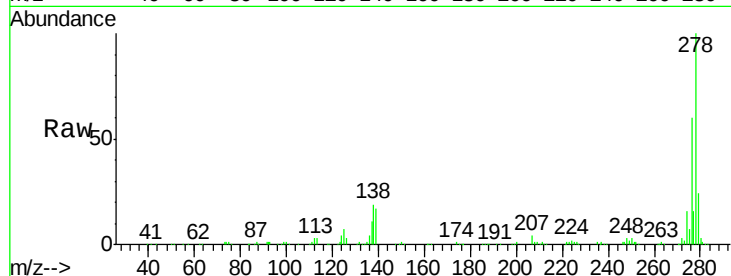
#90
Dibenzo(a,h)anthracene
Concen: 50.84 ng
RT: 18.46 min Scan# 1345
Delta R.T. -0.35 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	26.3	39.5#
279	24.2	18.2	27.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 50.64 ng
RT: 19.00 min Scan# 1392
Delta R.T. -0.35 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	17.8	26.6
138	22.0	34.6	51.8#

