

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
 Data File : BF080213.D
 Acq On : 29 Jun 2015 18:35
 Operator : TP/IZ
 Sample : G2813-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMSD

Manual Integrations
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 6/30/2015 2:18:49 PM

Quant Time: Jun 30 11:06:14 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	31181	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	121111	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	62485	20.00	ng	-0.03
63) Phenanthrene-d10	11.86	188	125020	20.00	ng	-0.05
75) Chrysene-d12	14.87	240	133958	20.00	ng	-0.13
86) Perylene-d12	16.76	264	131547	20.00	ng	-0.17

System Monitoring Compounds

5) 2-Fluorophenol	5.90	112	211568	120.11	ng	-0.03
7) Phenol-d6	6.90	99	268837	114.69	ng	-0.02
23) Nitrobenzene-d5	7.85	82	195897	94.16	ng	-0.02
41) 2,4,6-Tribromophenol	11.16	330	87657	143.46	ng	-0.02
44) 2-Fluorobiphenyl	9.66	172	368556	84.12	ng	-0.03
78) Terphenyl-d14	13.58	244	501511	87.44	ng	-0.09

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	24161	28.86	ng	86
3) Pyridine	4.00	79	51455	23.11	ng	# 83
4) n-Nitrosodimethylamine	3.89	42	35871	33.90	ng	96
6) Aniline	6.95	93	70472	21.85	ng	94
8) 2-Chlorophenol	7.08	128	85068	41.79	ng	87
9) Benzaldehyde	6.84	77	49152	36.32	ng	# 68
10) Phenol	6.92	94	95114	37.18	ng	85
11) bis(2-Chloroethyl)ether	7.02	93	79622	39.23	ng	85
12) 1,3-Dichlorobenzene	7.24	146	92904	37.99	ng	# 90
13) 1,4-Dichlorobenzene	7.32	146	97308	41.84	ng	96
14) 1,2-Dichlorobenzene	7.46	146	85828m	37.92	ng	
15) Benzyl Alcohol	7.42	79	76901	40.12	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	7.56	45	134919	44.79	ng	89
17) 2-Methylphenol	7.53	107	65970	37.94	ng	# 89
18) Hexachloroethane	7.82	117	31637	40.85	ng	# 79
19) n-Nitroso-di-n-propylamine	7.69	70	62475	38.39	ng	# 76
20) 3+4-Methylphenols	7.68	107	92023	41.00	ng	91
22) Acetophenone	7.69	105	124496	44.11	ng	# 83
24) Nitrobenzene	7.88	77	89919	41.88	ng	# 79
25) Isophorone	8.10	82	168906	40.34	ng	# 83
26) 2-Nitrophenol	8.20	139	44153	49.13	ng	# 80
27) 2,4-Dimethylphenol	8.22	122	82873	44.22	ng	# 83
28) bis(2-Chloroethoxy)methane	8.31	93	110194	44.80	ng	# 91
29) 2,4-Dichlorophenol	8.44	162	78482	48.90	ng	98
30) 1,2,4-Trichlorobenzene	8.53	180	84404	46.31	ng	98
31) Naphthalene	8.61	128	263113m	41.55	ng	
32) Benzoic acid	8.28	122	34020	30.02	ng	# 61
33) 4-Chloroaniline	8.64	127	47900	17.68	ng	# 82
34) Hexachlorobutadiene	8.73	225	43702	38.94	ng	98
35) Caprolactam	8.98	113	20012	38.42	ng	98
36) 4-Chloro-3-methylphenol	9.12	107	75556	41.74	ng	94
37) 2-Methylnaphthalene	9.30	142	195021	47.61	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	86644	47.65	ng	97
40) Hexachlorocyclopentadiene	9.46	237	66486	71.75	ng	98

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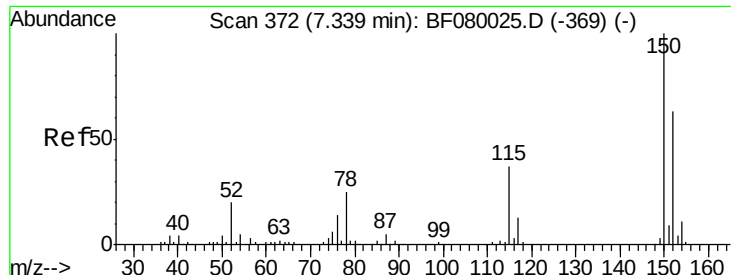
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.58	196	58969	47.66	ng	98
43) 2,4,5-Trichlorophenol	9.61	196	59945	42.05	ng #	90
45) 1,1'-Biphenyl	9.76	154	218524	42.98	ng	92
46) 2-Chloronaphthalene	9.80	162	183736	44.54	ng	96
47) 2-Nitroaniline	9.88	65	50524	44.62	ng #	59
48) Acenaphthylene	10.22	152	308203	44.76	ng	98
49) Dimethylphthalate	10.06	163	202320	43.07	ng #	97
50) 2,6-Dinitrotoluene	10.12	165	44035	46.76	ng #	56
51) Acenaphthene	10.39	154	195081	46.32	ng	92
52) 3-Nitroaniline	10.29	138	35342	32.53	ng #	54
53) 2,4-Dinitrophenol	10.40	184	35730	92.25	ng #	36
54) Dibenzofuran	10.56	168	263660	44.12	ng #	88
55) 4-Nitrophenol	10.44	139	66977	77.12	ng #	44
56) 2,4-Dinitrotoluene	10.53	165	66168	55.37	ng #	86
57) Fluorene	10.92	166	204563	43.14	ng	90
58) 2,3,4,6-Tetrachlorophenol	10.68	232	51083	42.45	ng	98
59) Diethylphthalate	10.76	149	195545	41.34	ng	96
60) 4-Chlorophenyl-phenylether	10.89	204	103949	45.61	ng	91
61) 4-Nitroaniline	10.90	138	48378	43.11	ng #	50
62) Azobenzene	11.05	77	207575	43.11	ng	86
64) 4,6-Dinitro-2-methylphenol	10.94	198	25149	41.97	ng	88
65) n-Nitrosodiphenylamine	11.01	169	184049	45.21	ng	92
66) 4-Bromophenyl-phenylether	11.40	248	60820	45.75	ng #	85
67) Hexachlorobenzene	11.48	284	67725	45.84	ng #	80
68) Atrazine	11.53	200	56732	44.11	ng	84
69) Pentachlorophenol	11.66	266	66817	79.81	ng	100
70) Phenanthrene	11.89	178	322856	42.66	ng	96
71) Anthracene	11.94	178	338514	46.45	ng	98
72) Carbazole	12.09	167	292841	42.09	ng	96
73) Di-n-butylphthalate	12.42	149	320114	39.82	ng #	98
74) Fluoranthene	13.17	202	363473	45.09	ng	88
76) Benzidine	13.28	184	188811	50.42	ng #	98
77) Pyrene	13.42	202	371897	45.09	ng	97
79) Butylbenzylphthalate	14.13	149	142546	43.04	ng #	83
80) Benzo(a)anthracene	14.86	228	376517	46.14	ng	97
81) 3,3'-Dichlorobenzidine	14.80	252	111095	39.47	ng #	94
82) Chrysene	14.91	228	340404	45.23	ng	95
83) Bis(2-ethylhexyl)phthalate	14.84	149	212389	40.57	ng #	95
84) Di-n-octyl phthalate	15.66	149	350458	39.07	ng	96
85) Indeno(1,2,3-cd)pyrene	18.61	276	404041	42.58	ng #	88
87) Benzo(b)fluoranthene	16.22	252	368659	46.29	ng #	89
88) Benzo(k)fluoranthene	16.27	252	360470	44.45	ng #	86
89) Benzo(a)pyrene	16.68	252	358834	47.44	ng #	89
90) Dibenzo(a,h)anthracene	18.63	278	340692	44.01	ng #	81
91) Benzo(g,h,i)perylene	19.16	276	344497	44.07	ng #	76

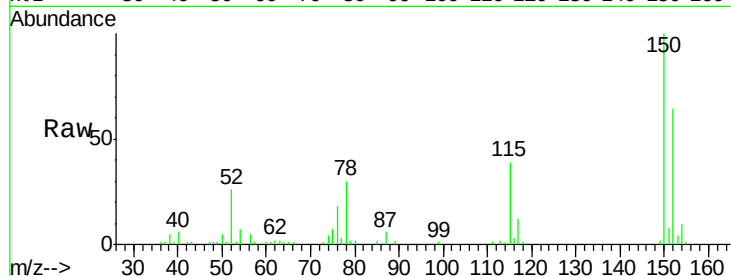
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 368
Delta R.T. -0.03 min
Lab File: BF080213.D
Acq: 29 Jun 2015 18:35

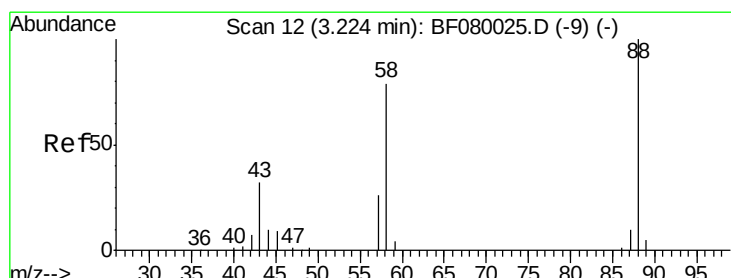
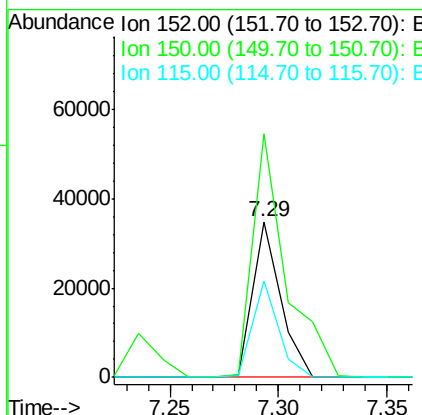
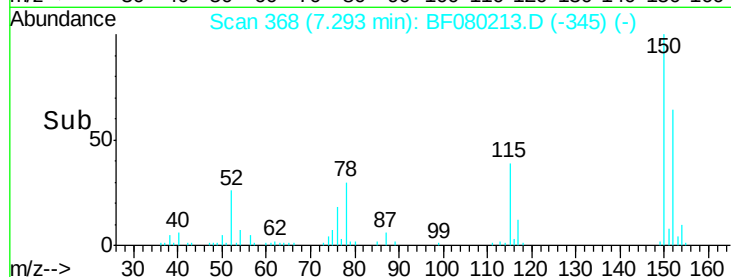
Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMSD



Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.7	187.1
115	61.4	39.0	58.4

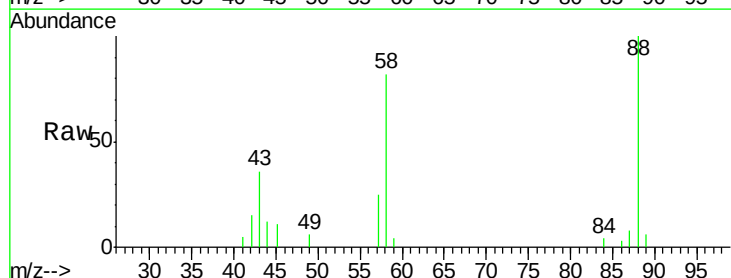
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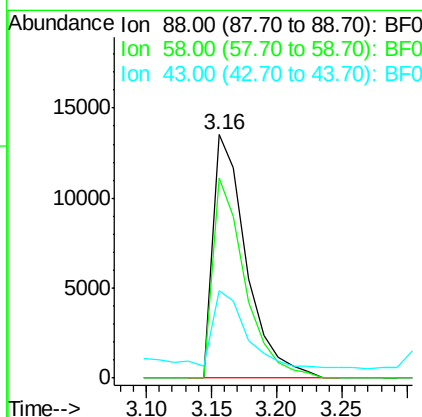
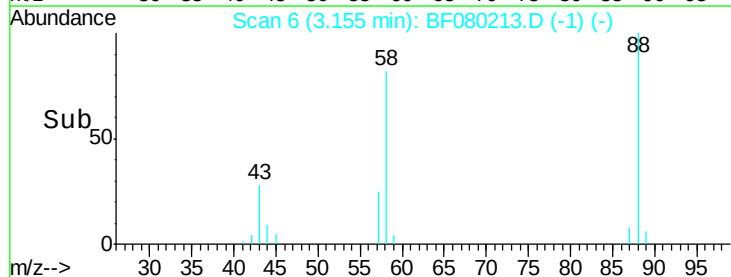


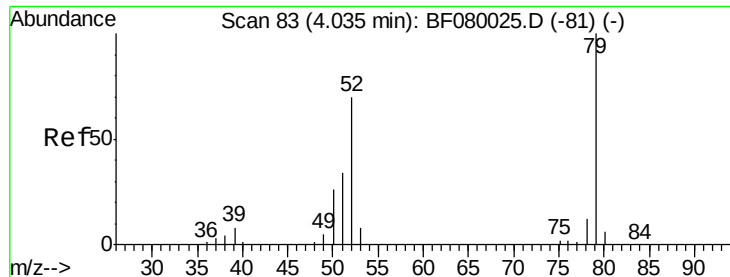
#2

1,4-Dioxane
Concen: 28.86 ng
RT: 3.16 min Scan# 6
Delta R.T. -0.03 min
Lab File: BF080213.D
Acq: 29 Jun 2015 18:35



Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.3	77.7	116.5
43	34.5	26.6	40.0





#3

Pyridine

Concen: 23.11 ng

RT: 4.00 min Scan# 80

Delta R.T. -0.00 min

Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

Instrument :

BNA_F

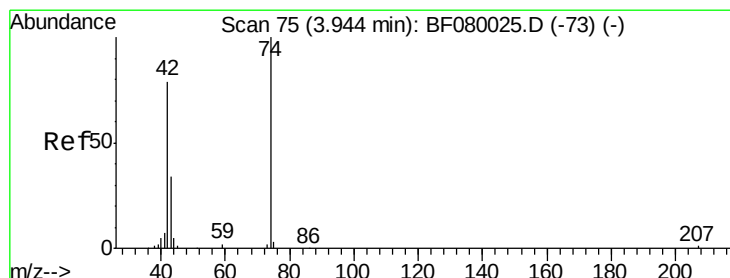
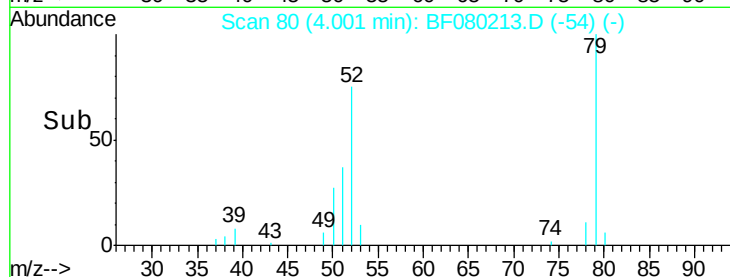
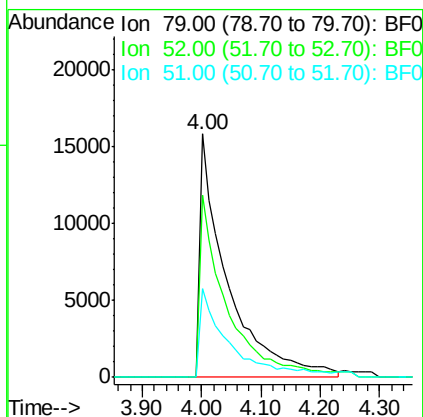
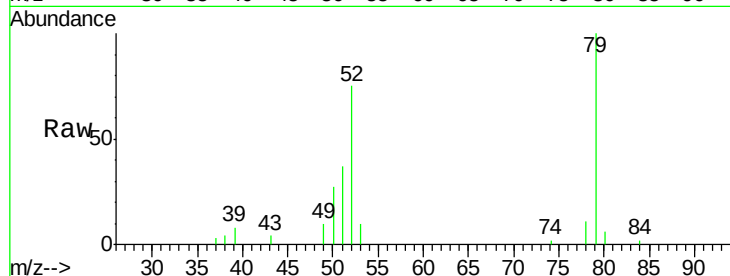
ClientSampleId :

SOIL-STOCKPILE-TMSD

Tgt Ion:	79	Resp:	51455
Ion	Ratio	Lower	Upper
79	100		
52	74.9	76.8	115.2#
51	36.7	32.2	48.4

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#4

n-Nitrosodimethylamine

Concen: 33.90 ng

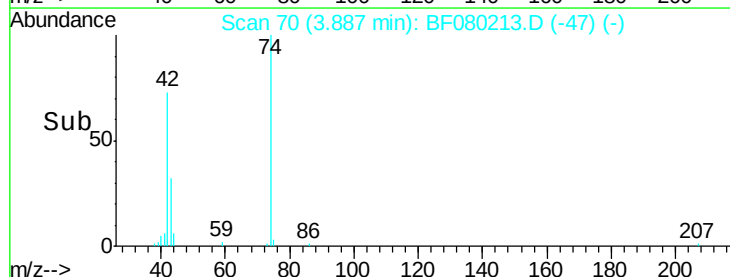
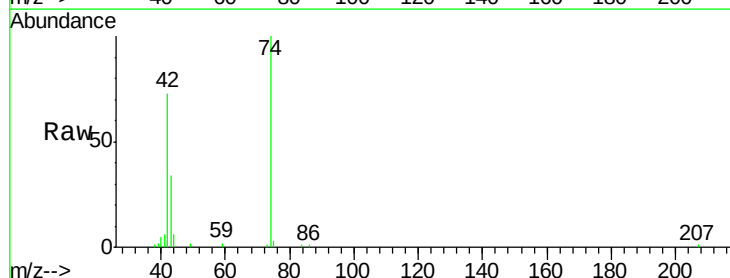
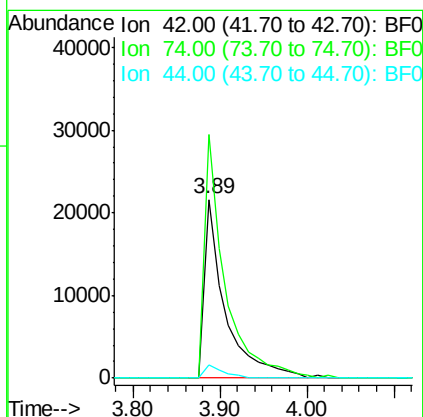
RT: 3.89 min Scan# 70

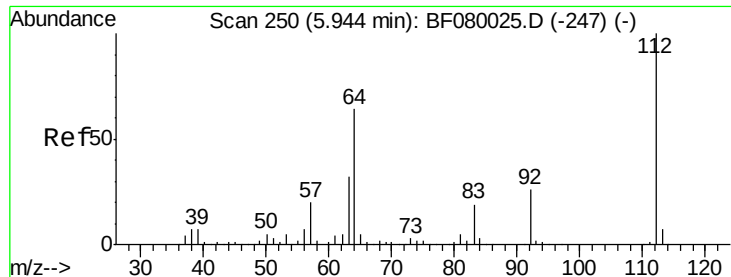
Delta R.T. -0.03 min

Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

Tgt Ion:	42	Resp:	35871
Ion	Ratio	Lower	Upper
42	100		
74	136.5	105.0	157.6
44	7.6	6.6	10.0





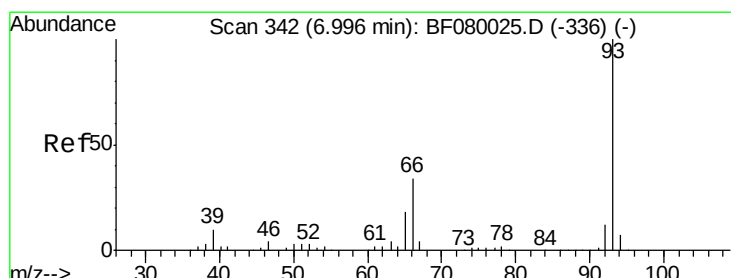
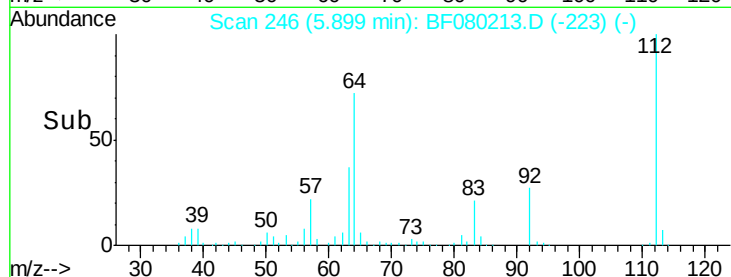
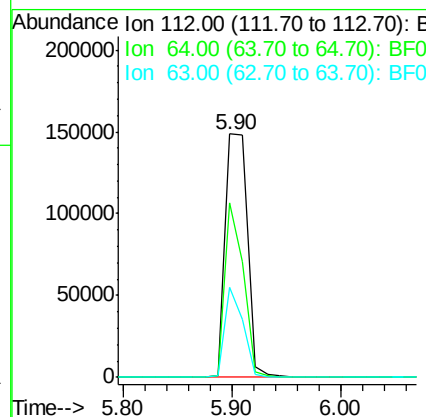
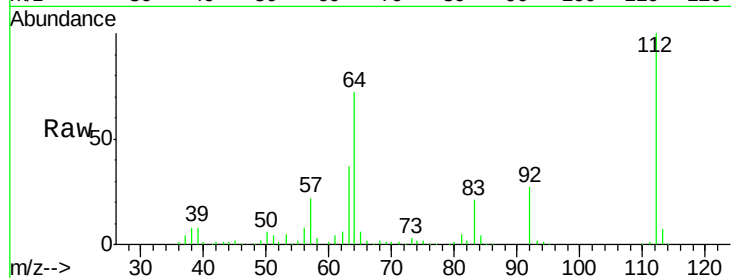
#5
 2-Fluorophenol
 Concen: 120.11 ng
 RT: 5.90 min Scan# 246
 Delta R.T. -0.03 min
 Lab File: BF080213.D
 Acq: 29 Jun 2015 18:35

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 SOIL-STOCKPILE-TMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	71.8	39.7	59.5#
63	37.0	17.4	26.0#

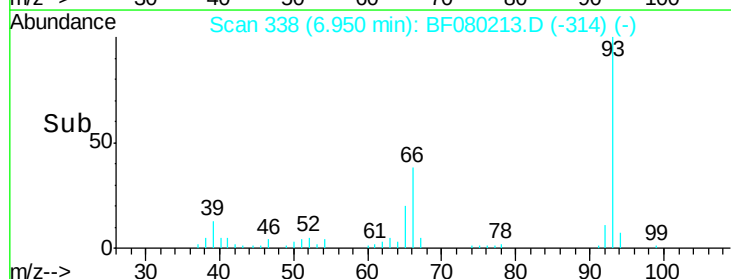
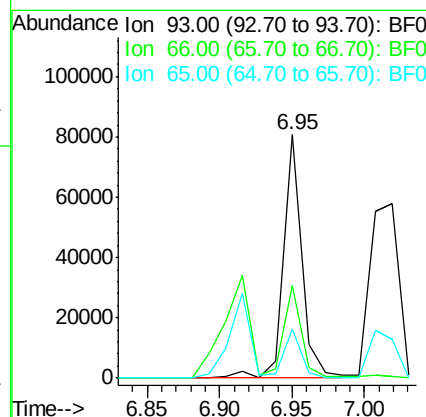
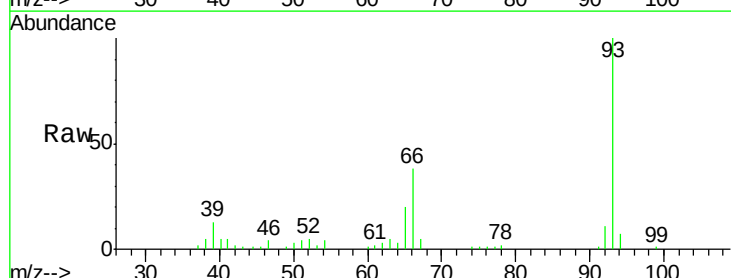
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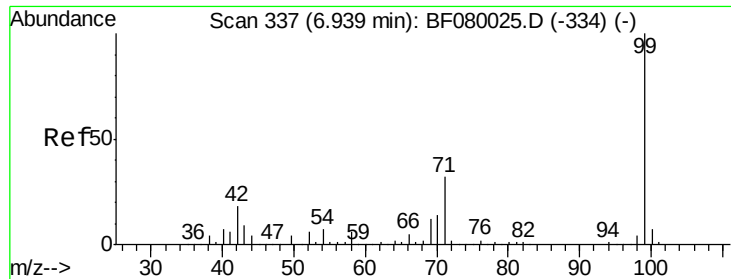
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#6
 Aniline
 Concen: 21.85 ng
 RT: 6.95 min Scan# 338
 Delta R.T. -0.02 min
 Lab File: BF080213.D
 Acq: 29 Jun 2015 18:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	38.0	27.2	40.8
65	20.3	14.7	22.1





#7

Phenol-d6

Concen: 114.69 ng

RT: 6.90 min Scan# 334

Delta R.T. -0.02 min

Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

Instrument :

BNA_F

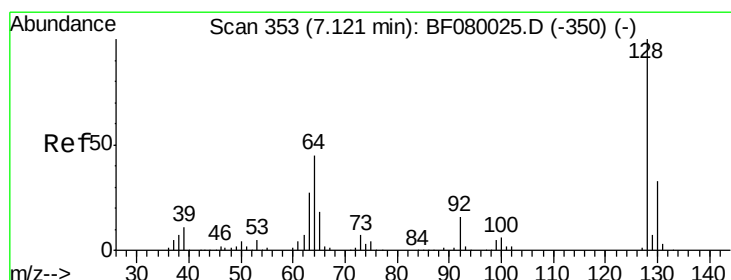
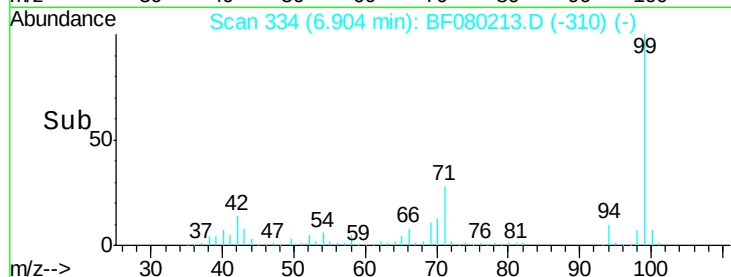
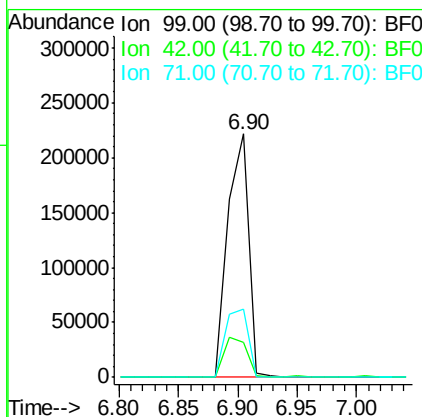
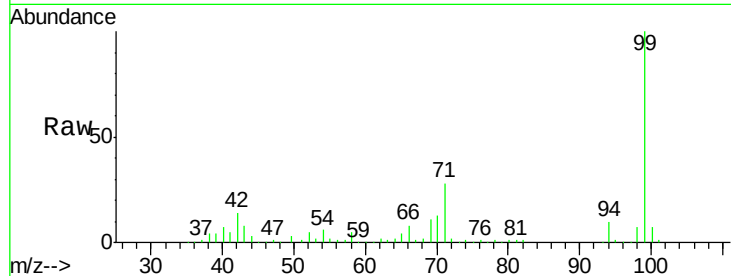
ClientSampleId :

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Tgt Ion:	99	Resp:	268837
Ion Ratio	Lower	Upper	
99	100		
42	14.5	13.7	20.5
71	27.9	14.2	21.2#

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#8

2-Chlorophenol

Concen: 41.79 ng

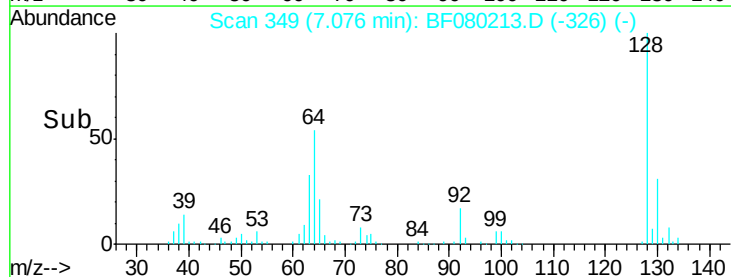
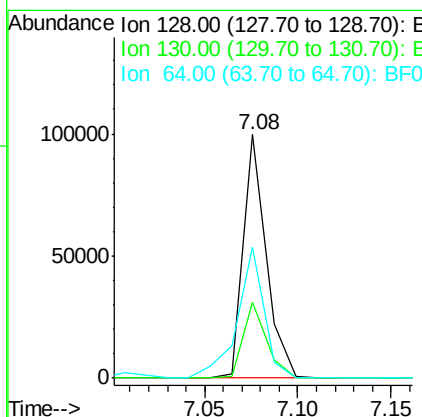
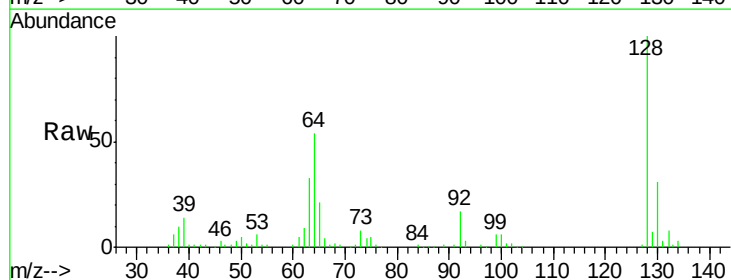
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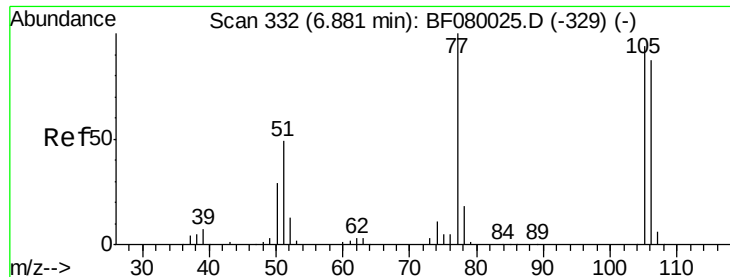
Delta R.T. -0.03 min

Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

Tgt Ion:	128	Resp:	85068
Ion Ratio	Lower	Upper	
128	100		
130	31.1	12.2	52.2
64	53.6	20.5	60.5





#9

Benzaldehyde

Concen: 36.32 ng

RT: 6.84 min Scan# 328

Delta R.T. -0.03 min

Lab File: BF080213.D

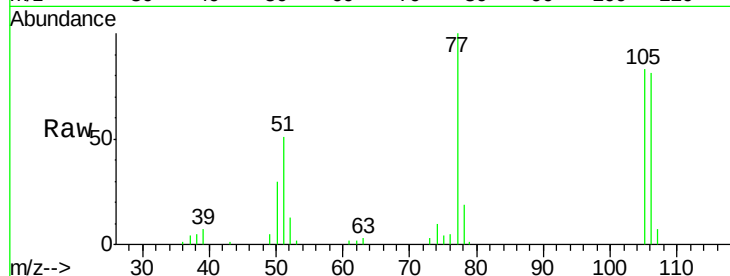
Acq: 29 Jun 2015 18:35

Instrument :

BNA_F

ClientSampleId :

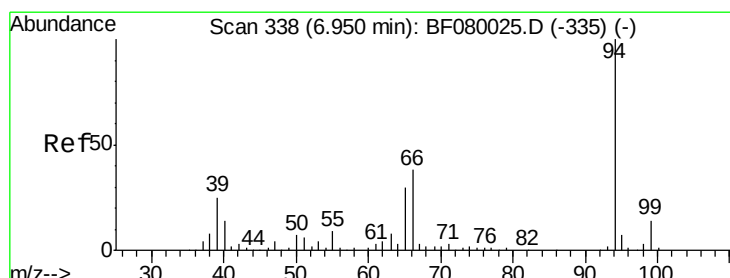
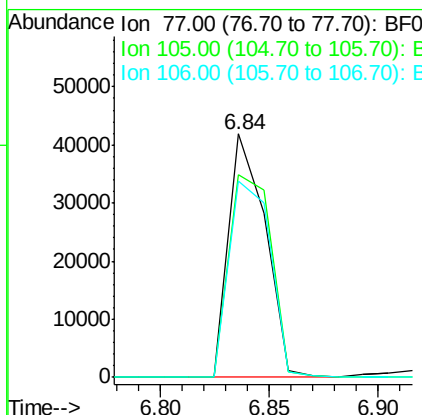
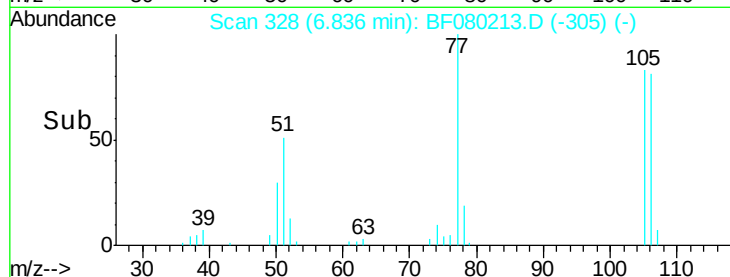
SOIL-STOCKPILE-TMSD



Tgt Ion:	77	Resp:	49152
Ion Ratio	Lower	Upper	
77	100		
105	83.0	91.6	131.6#
106	80.9	102.6	142.6#

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#10

Phenol

Concen: 37.18 ng

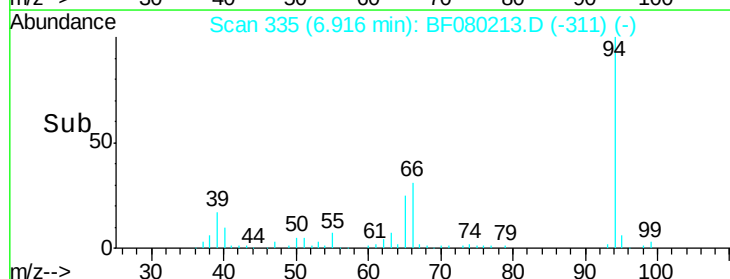
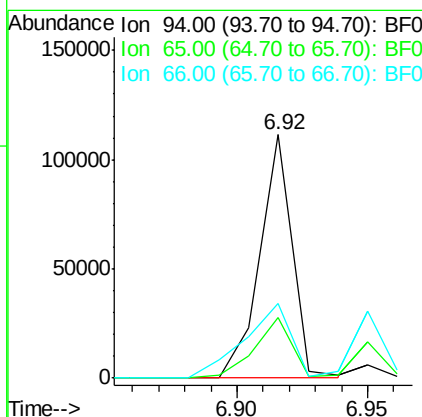
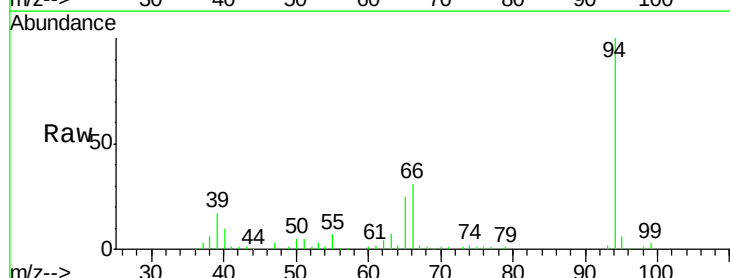
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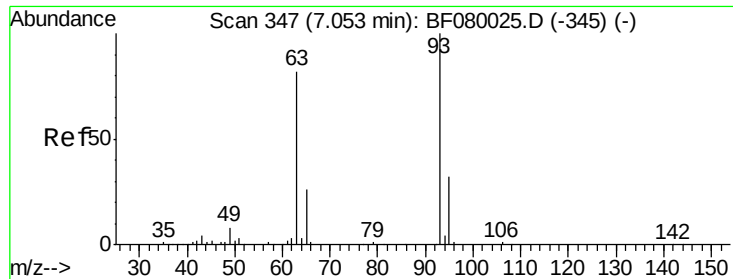
Delta R.T. -0.02 min

Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

Tgt Ion:	94	Resp:	95114
Ion Ratio	Lower	Upper	
94	100		
65	25.1	0.7	40.7
66	30.6	0.8	40.8





#11

bis(2-Chloroethyl)ether

Concen: 39.23 ng

RT: 7.02 min Scan# 344

Delta R.T. -0.02 min

Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-TMSD

Tgt Ion: 93 Resp: 79622

Ion Ratio Lower Upper

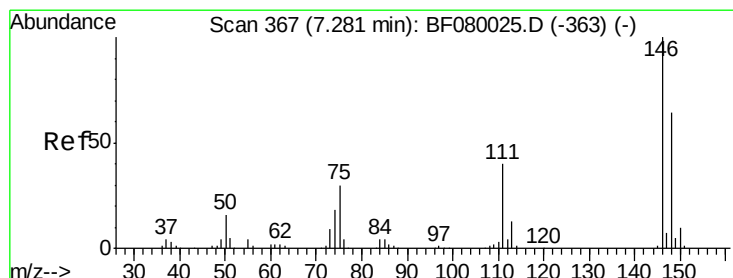
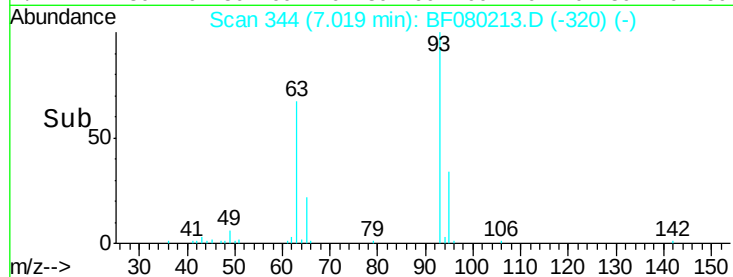
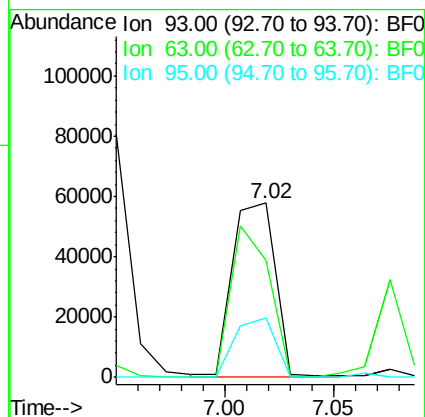
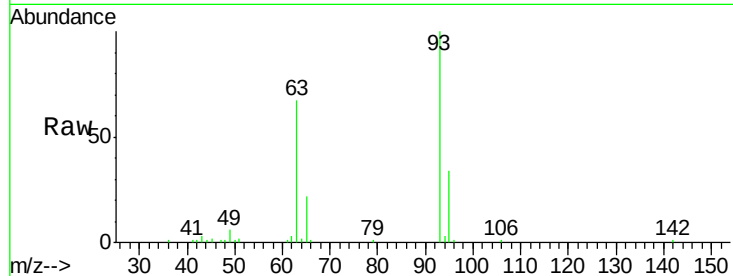
93 100

63 67.1 65.6 105.6

95 34.1 13.6 53.6

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#12

1,3-Dichlorobenzene

Concen: 37.99 ng

RT: 7.24 min Scan# 363

Delta R.T. -0.03 min

Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

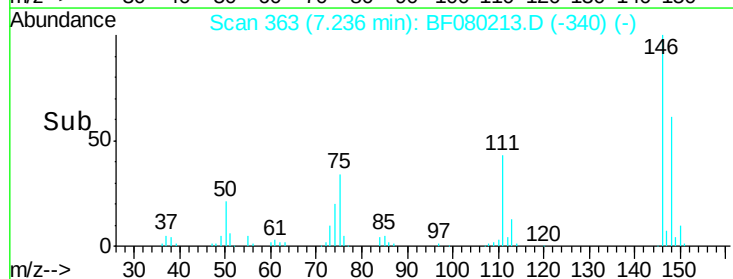
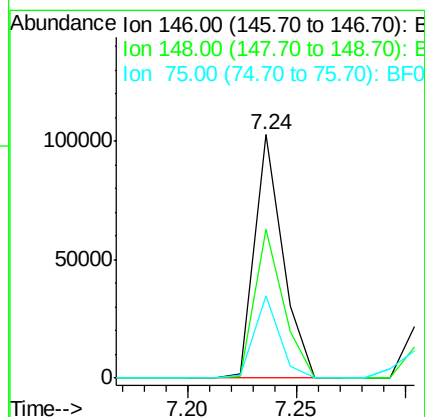
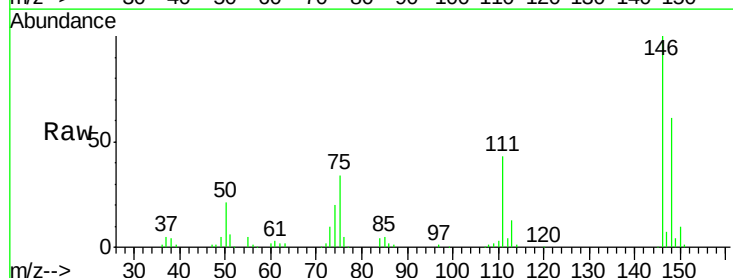
Tgt Ion: 146 Resp: 92904

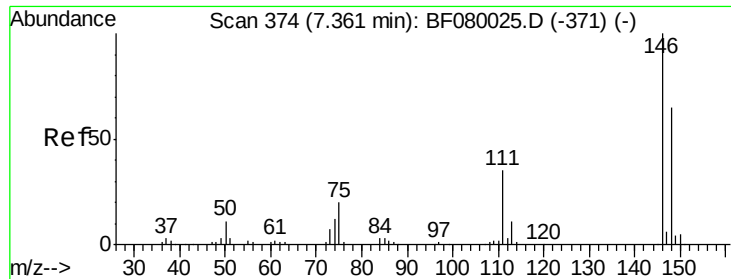
Ion Ratio Lower Upper

146 100

148 61.3 51.0 76.4

75 33.8 15.0 22.6#





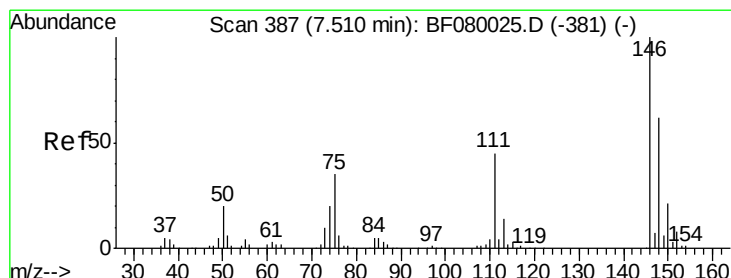
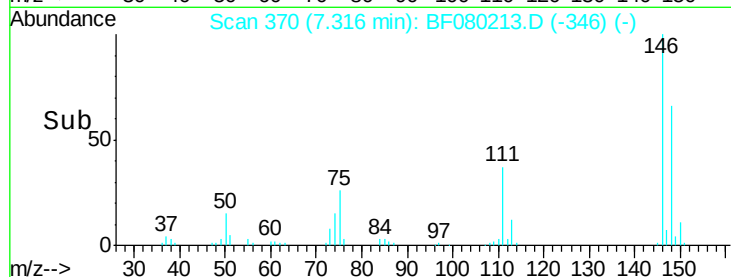
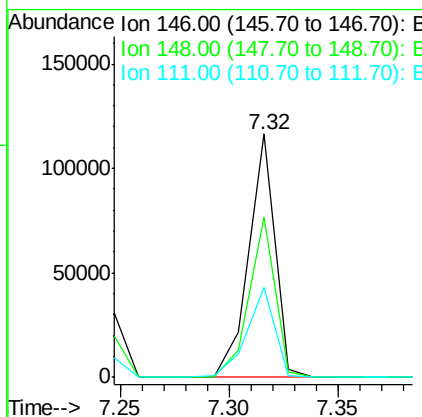
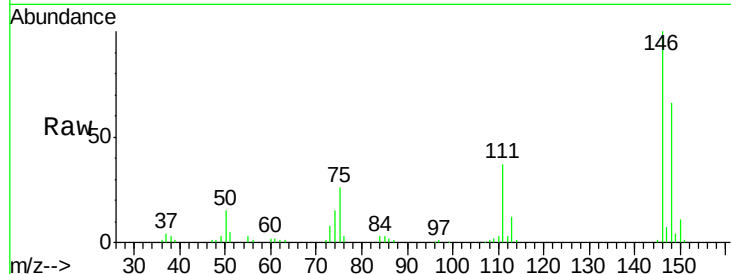
#13
 1,4-Dichlorobenzene
 Concen: 41.84 ng
 RT: 7.32 min Scan# 370
 Delta R.T. -0.02 min
 Lab File: BF080213.D
 Acq: 29 Jun 2015 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.8	77.6
111	36.8	24.9	37.3

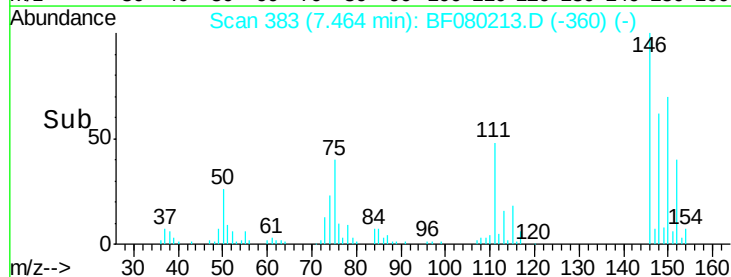
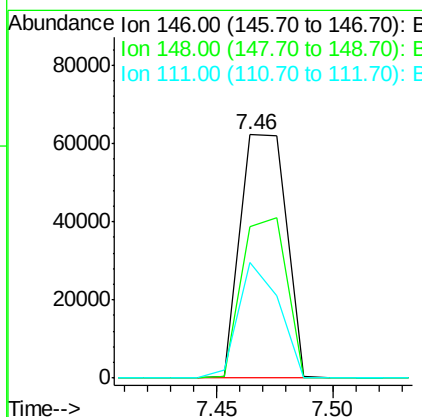
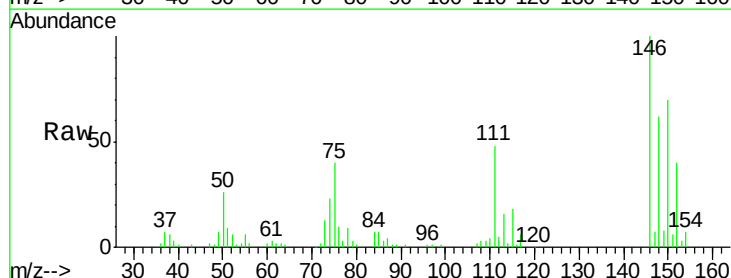
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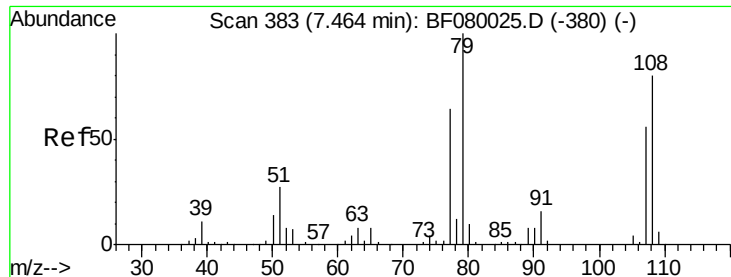
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#14
 1,2-Dichlorobenzene
 Concen: 37.92 ng m
 RT: 7.46 min Scan# 383
 Delta R.T. -0.03 min
 Lab File: BF080213.D
 Acq: 29 Jun 2015 18:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.7	79.1
111	47.7	28.8	43.2#





#15

Benzyl Alcohol

Concen: 40.12 ng

RT: 7.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

Instrument :

BNA_F

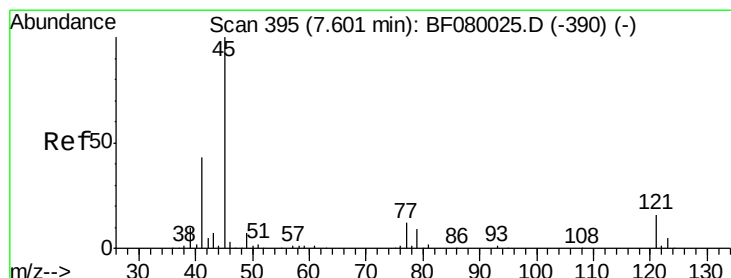
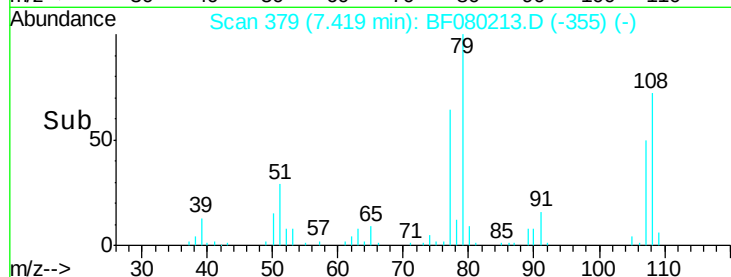
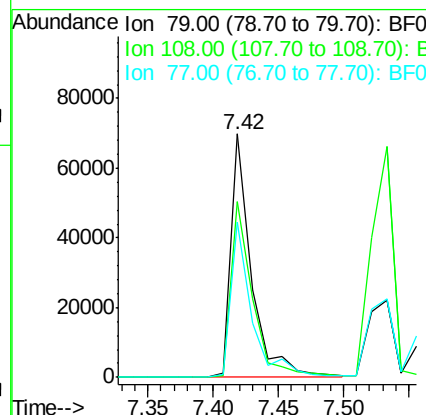
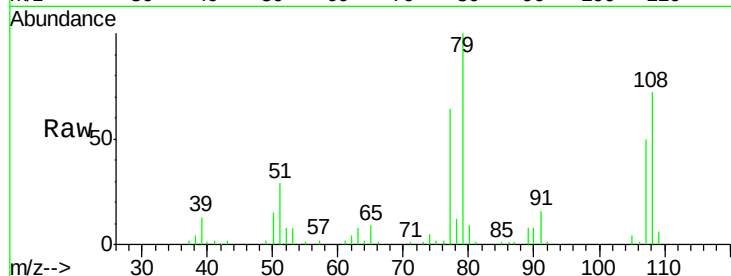
ClientSampleId :

SOIL-STOCKPILE-TMSD

Tgt Ion:	79	Resp:	76901
Ion Ratio	Lower	Upper	
79	100		
108	72.1	88.6	132.8#
77	63.7	47.0	70.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.79 ng

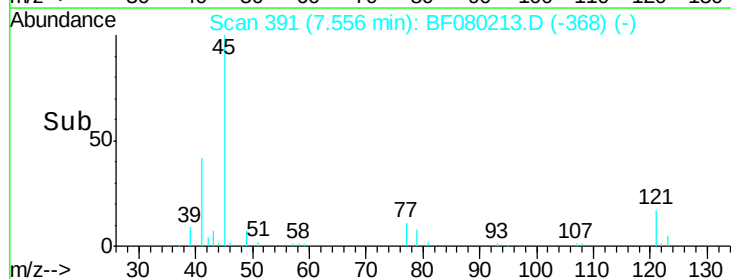
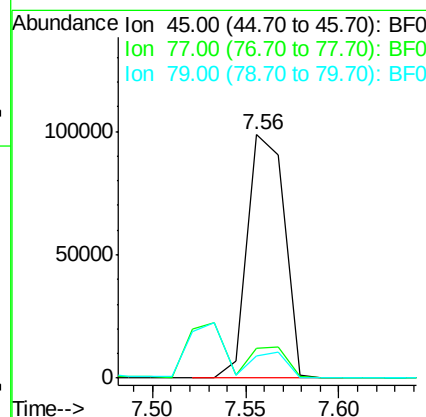
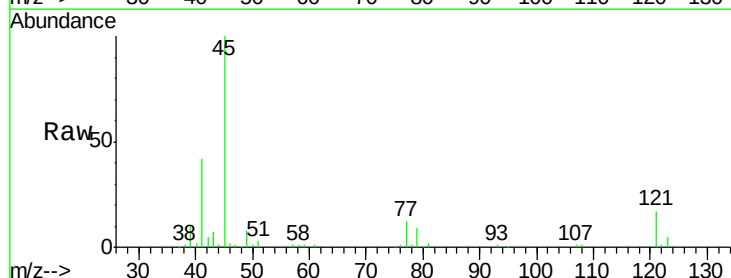
RT: 7.56 min Scan# 391

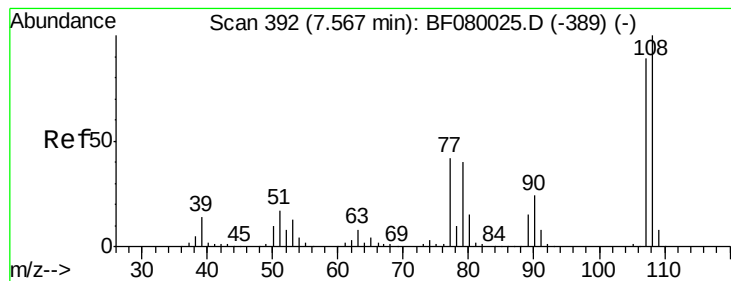
Delta R.T. -0.03 min

Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

Tgt Ion:	45	Resp:	134919
Ion Ratio	Lower	Upper	
45	100		
77	12.1	0.0	28.1
79	9.2	0.0	26.0





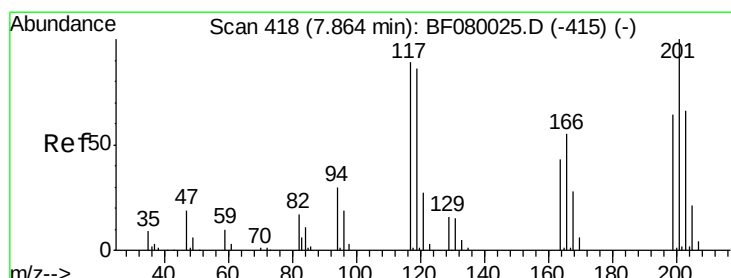
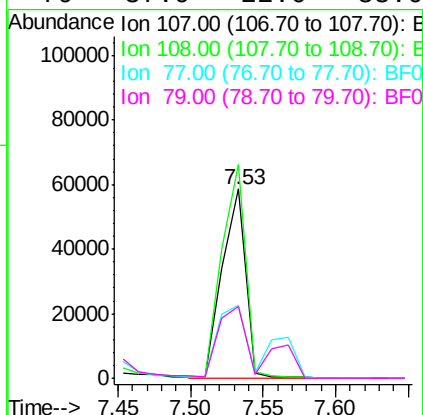
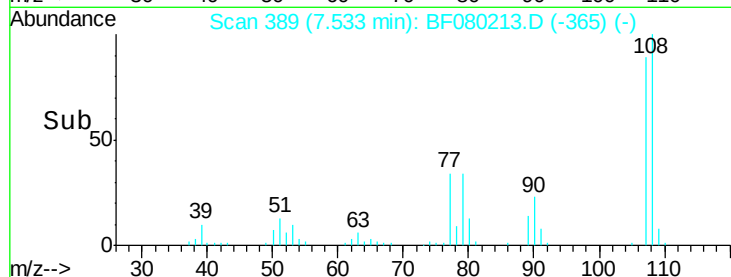
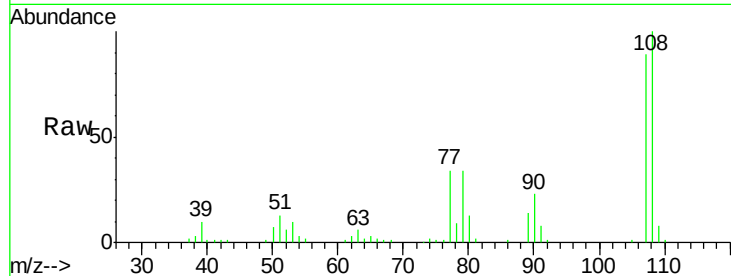
#17
2-Methylphenol
Concen: 37.94 ng
RT: 7.53 min Scan# 389
Delta R.T. -0.02 min
Lab File: BF080213.D
Acq: 29 Jun 2015 18:35

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMSD

Tgt Ion:	107	Resp:	65970
Ion Ratio	Lower	Upper	
107	100		
108	112.8	96.6	145.0
77	38.6	23.3	34.9#
79	37.9	22.0	33.0#

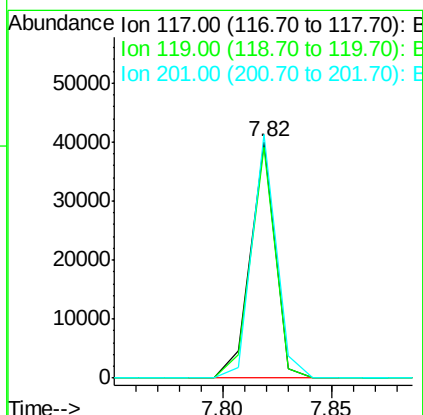
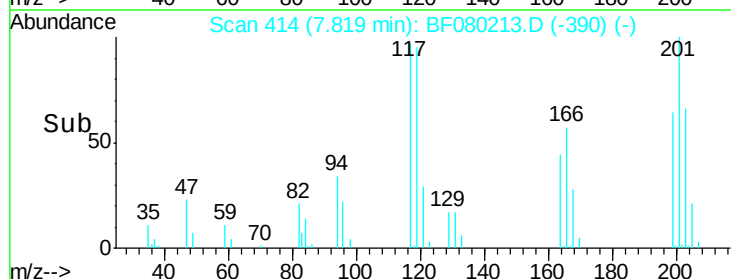
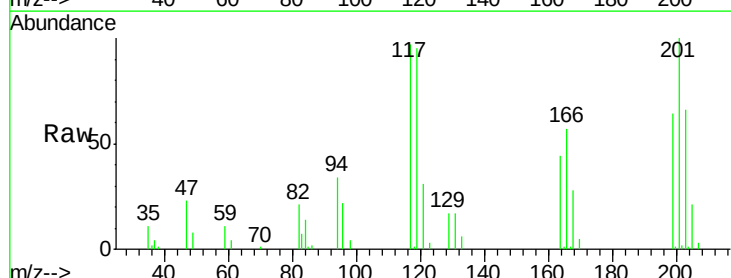
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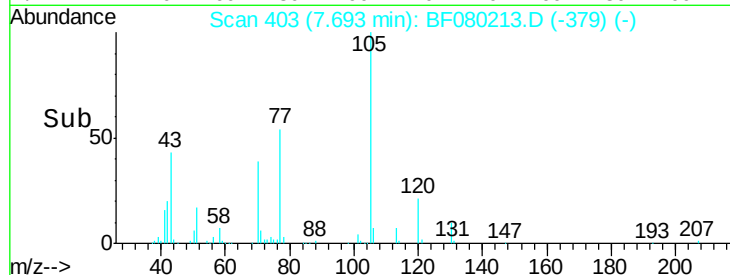
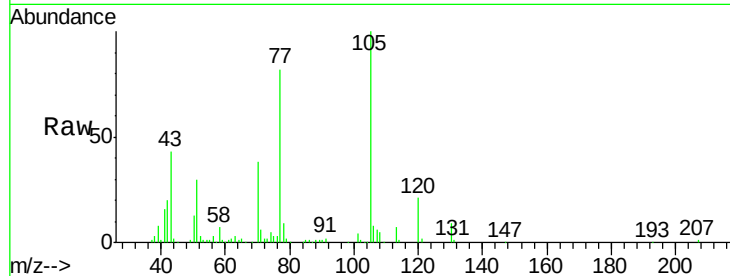
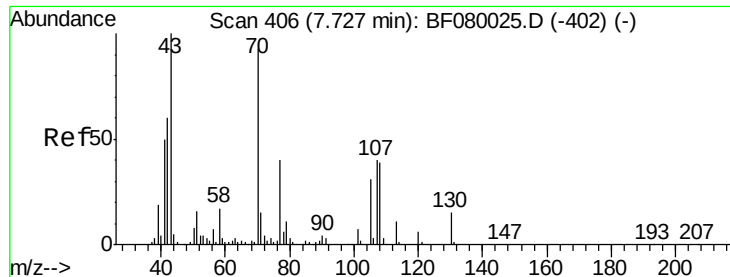
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#18
Hexachloroethane
Concen: 40.85 ng
RT: 7.82 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF080213.D
Acq: 29 Jun 2015 18:35

Tgt Ion:	117	Resp:	31637
Ion Ratio	Lower	Upper	
117	100		
119	97.6	83.8	125.6
201	103.1	55.1	82.7#





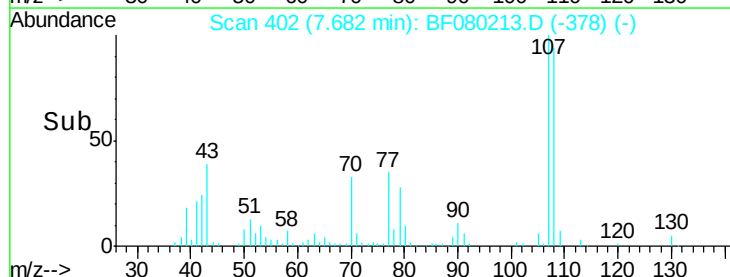
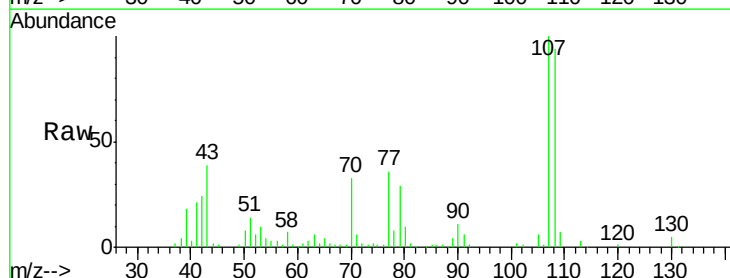
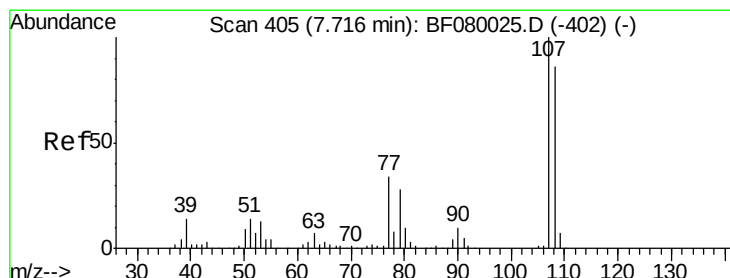
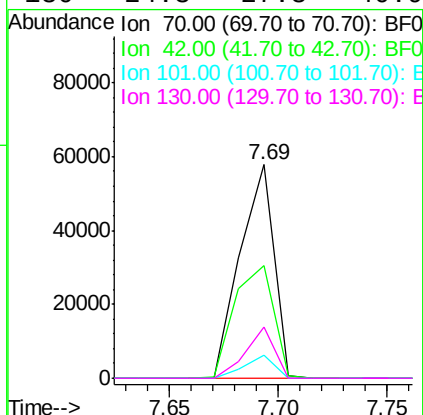
#19
n-Nitroso-di-n-propylamine
Concen: 38.39 ng
RT: 7.69 min Scan# 403
Delta R.T. -0.02 min
Lab File: BF080213.D
Acq: 29 Jun 2015 18:35

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMSD

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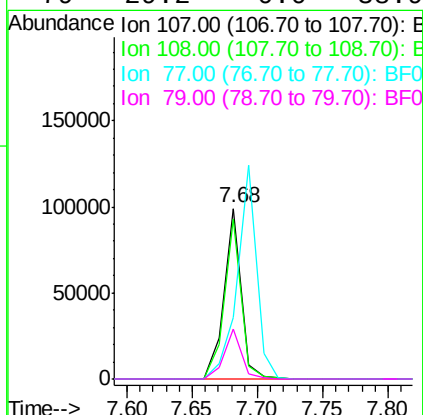
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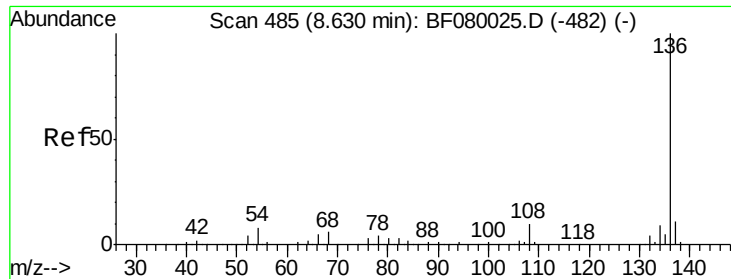
Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.8	63.8	95.6#	
101	10.7	9.2	13.8	
130	24.3	27.3	40.9#	



#20
3+4-Methylphenols
Concen: 41.00 ng
RT: 7.68 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF080213.D
Acq: 29 Jun 2015 18:35

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.9	74.6	114.6	
77	36.0	0.7	40.7	
79	29.2	0.0	38.9	





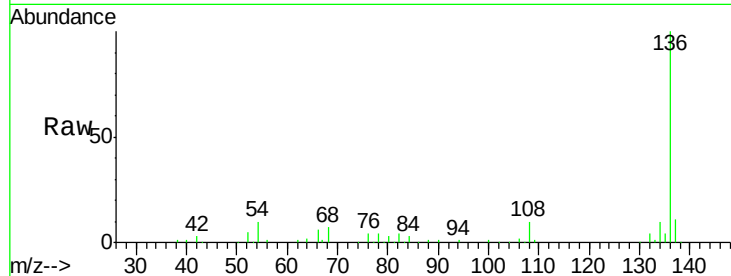
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF080213.D
Acq: 29 Jun 2015 18:35

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMSD

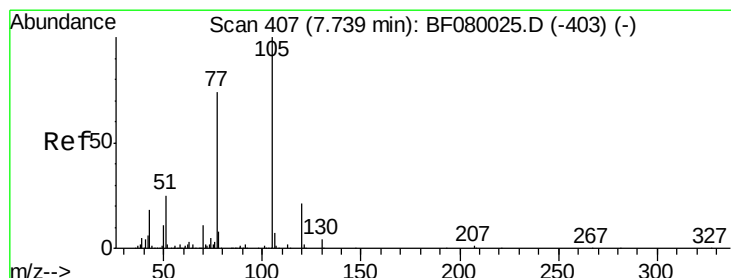
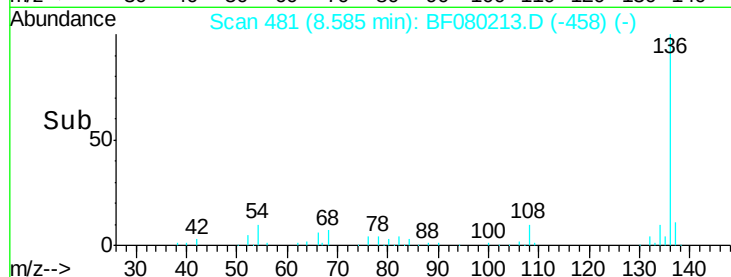
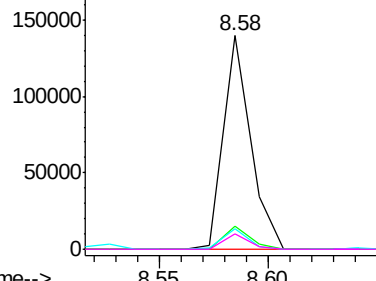
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	121111		
137	10.6	9.0	13.6	
54	9.8	8.2	12.2	
68	7.0	5.8	8.6	

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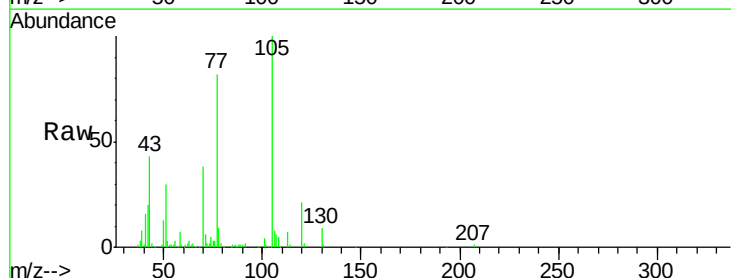


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

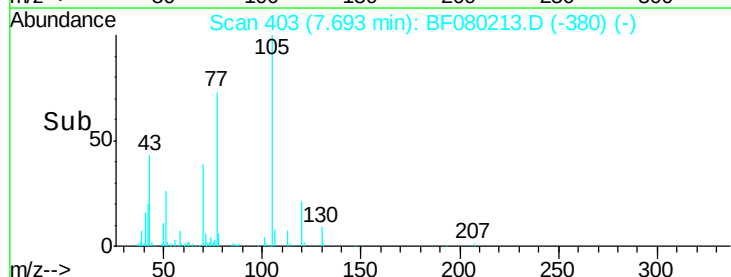
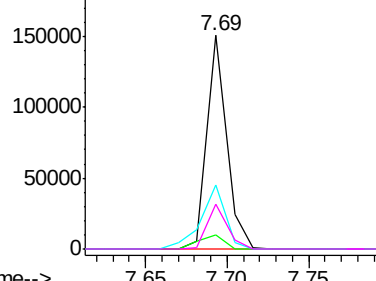


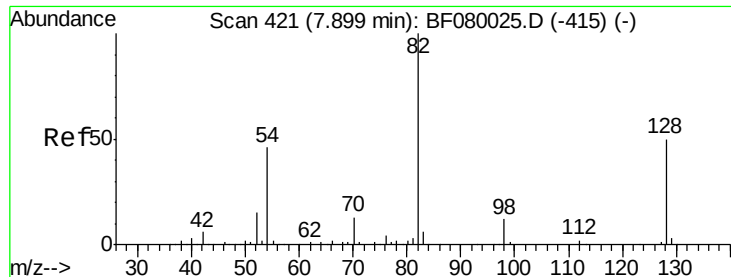
#22
Acetophenone
Concen: 44.11 ng
RT: 7.69 min Scan# 403
Delta R.T. -0.03 min
Lab File: BF080213.D
Acq: 29 Jun 2015 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	124496		
71	6.3	4.7	7.1	
51	30.0	22.0	33.0	
120	20.9	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





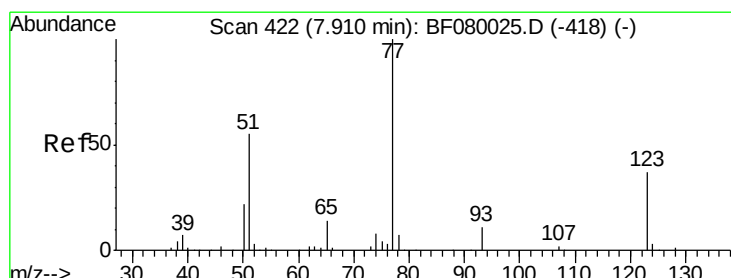
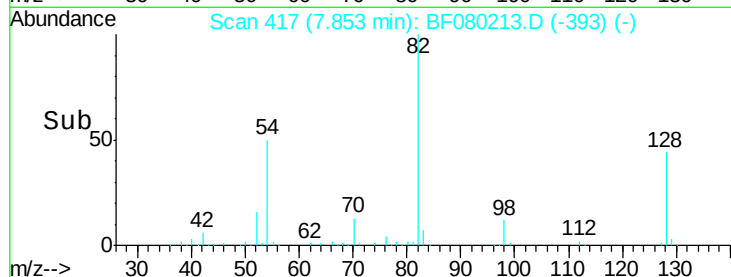
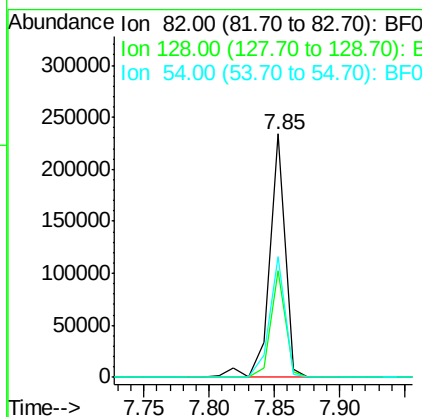
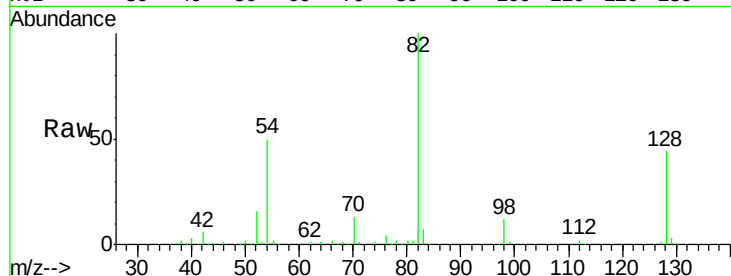
#23
 Nitrobenzene-d5
 Concen: 94.16 ng
 RT: 7.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF080213.D
 Acq: 29 Jun 2015 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	195897		
128	43.7	51.0	76.6#	
54	49.8	47.5	71.3	

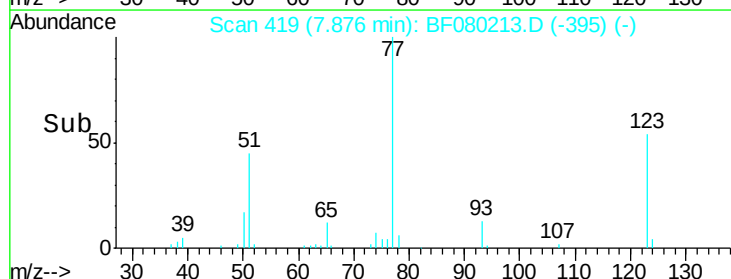
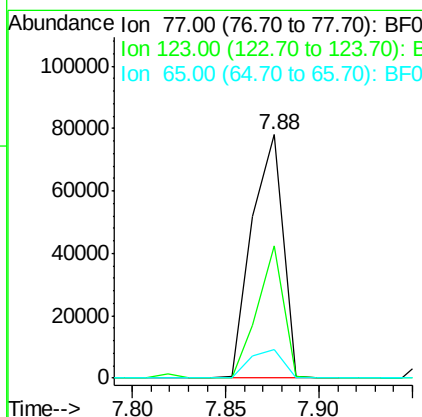
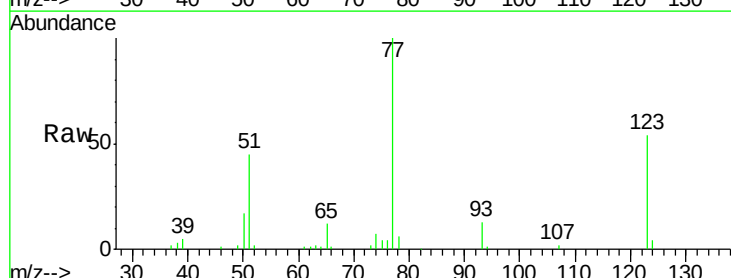
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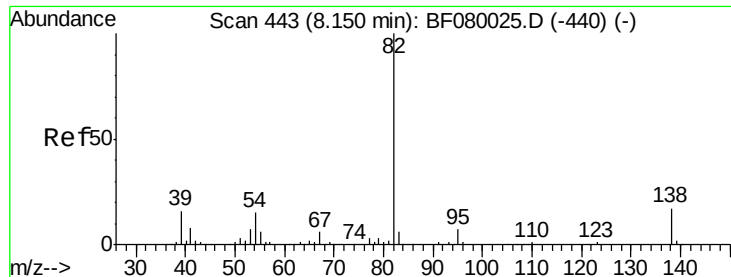
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#24
 Nitrobenzene
 Concen: 41.88 ng
 RT: 7.88 min Scan# 419
 Delta R.T. -0.02 min
 Lab File: BF080213.D
 Acq: 29 Jun 2015 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	89919		
123	54.4	59.8	89.8#	
65	11.9	10.2	15.4	





#25

Isophorone

Concen: 40.34 ng

RT: 8.10 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-TMSD

Tgt Ion: 82 Resp: 168906

Ion Ratio Lower Upper

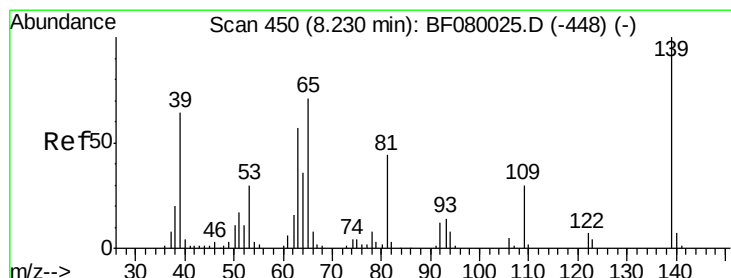
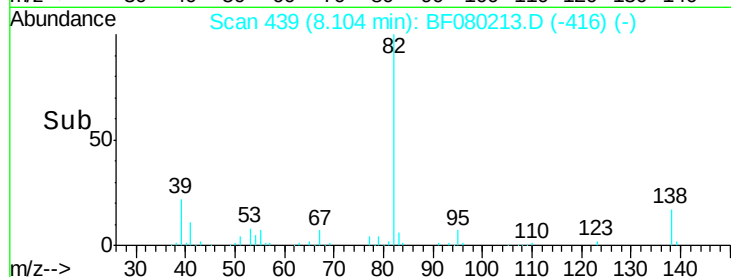
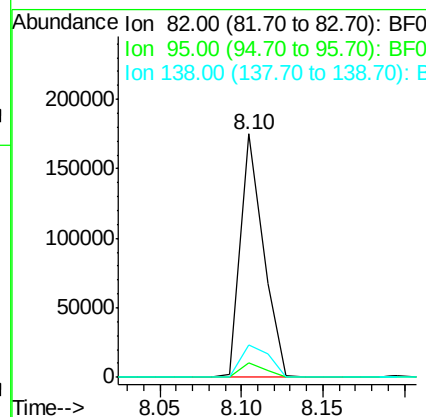
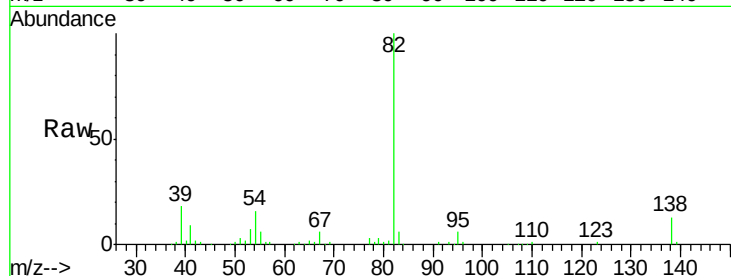
82 100

95 6.1 4.0 6.0#

138 13.5 18.3 27.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.13 ng

RT: 8.20 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

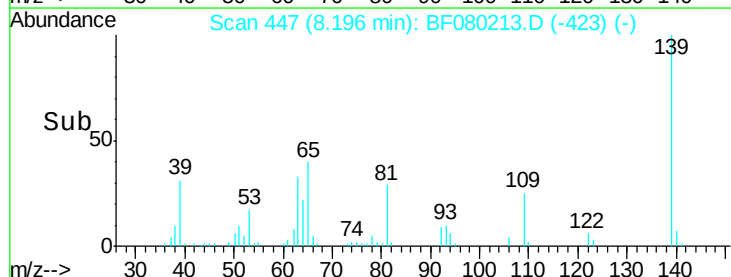
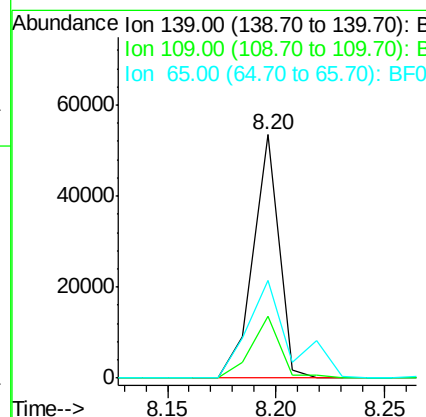
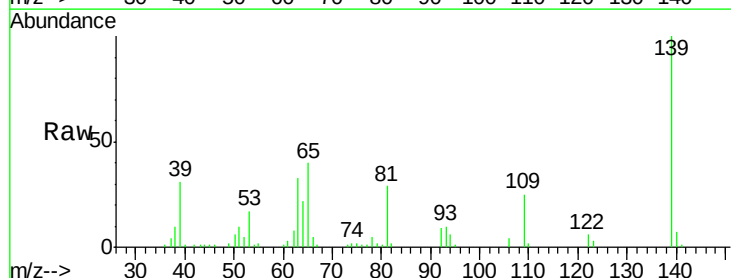
Tgt Ion: 139 Resp: 44153

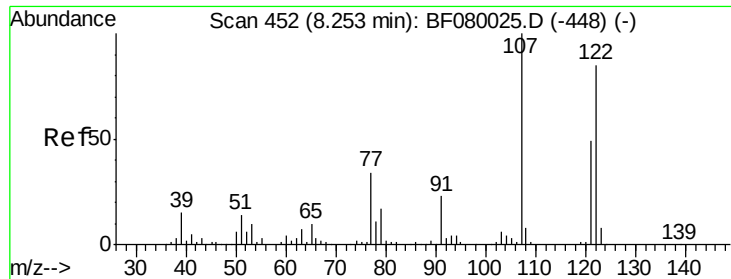
Ion Ratio Lower Upper

139 100

109 25.3 11.0 16.4#

65 39.9 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 44.22 ng

RT: 8.22 min Scan# 449

Delta R.T. -0.02 min

Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

Instrument :

BNA_F

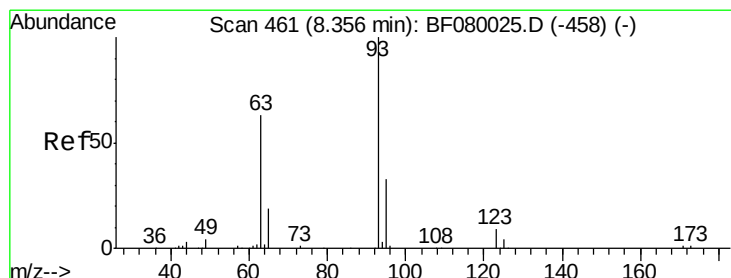
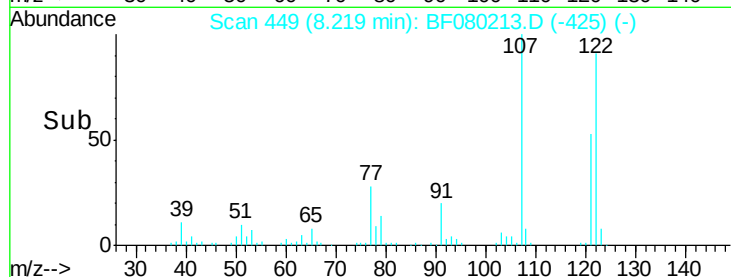
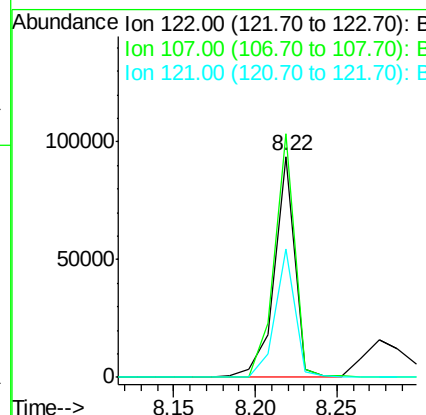
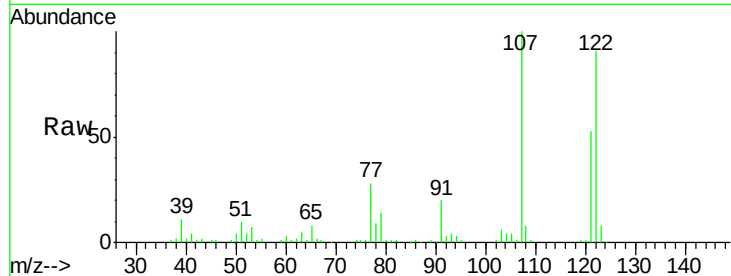
ClientSampleId :

SOIL-STOCKPILE-TMSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.4	71.8	107.6#
121	58.4	42.3	63.5

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#28

bis(2-Chloroethoxy)methane

Concen: 44.80 ng

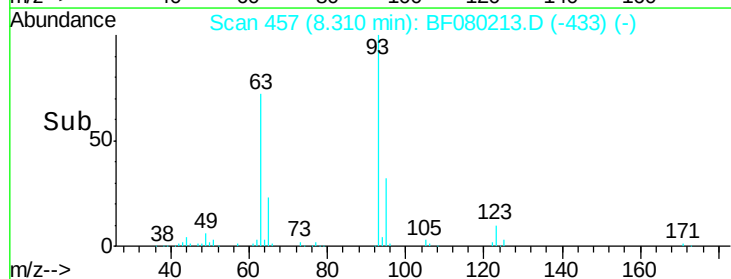
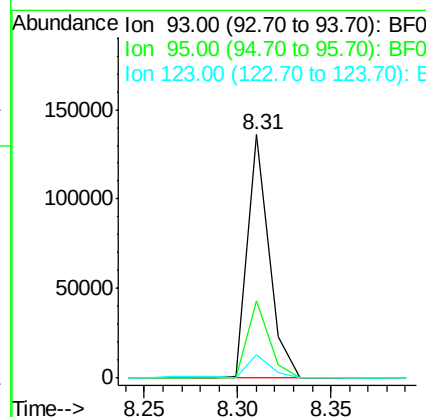
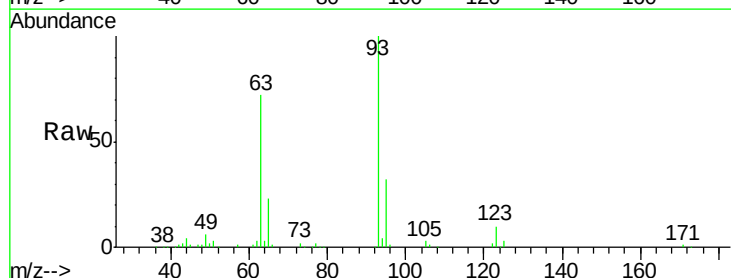
RT: 8.31 min Scan# 457

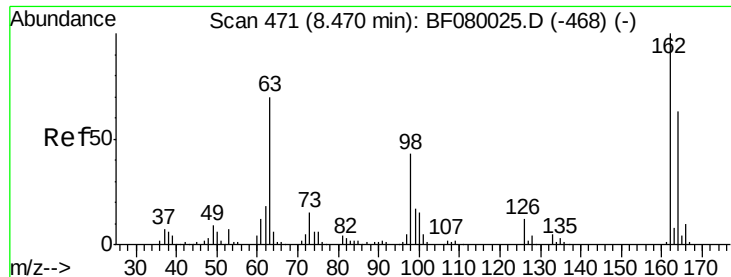
Delta R.T. -0.02 min

Lab File: BF080213.D

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Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	27.5	41.3
123	9.7	13.7	20.5#





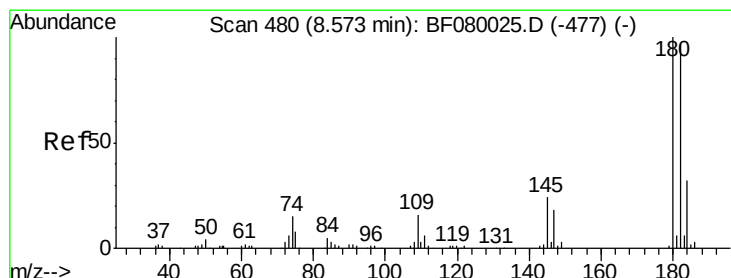
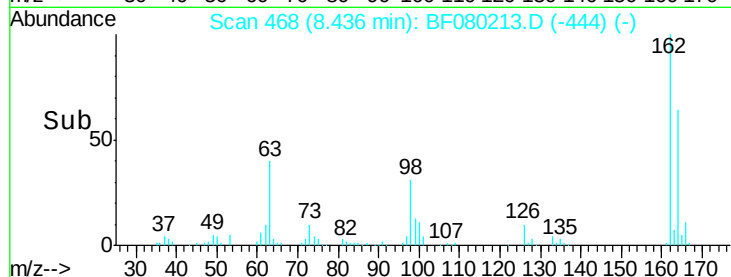
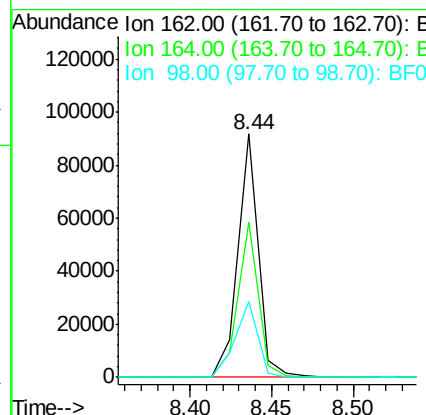
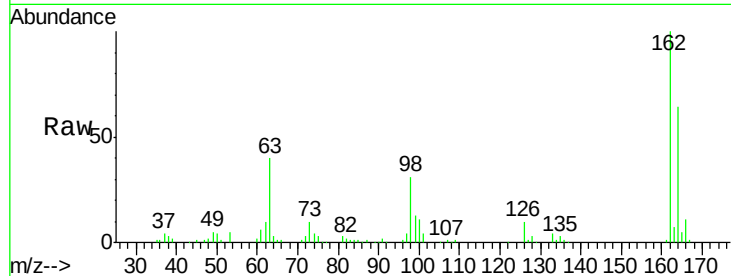
#29
2,4-Dichlorophenol
Concen: 48.90 ng
RT: 8.44 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF080213.D
Acq: 29 Jun 2015 18:35

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	78482		
164	63.9	44.9	84.9	
98	30.9	13.0	53.0	

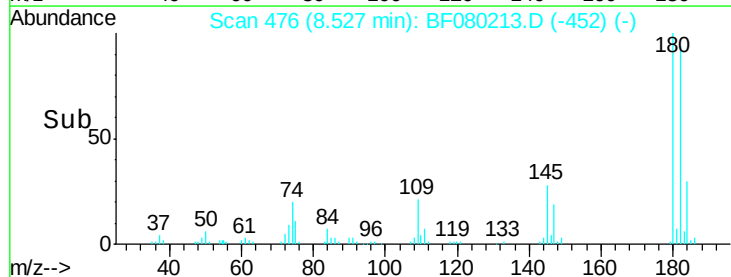
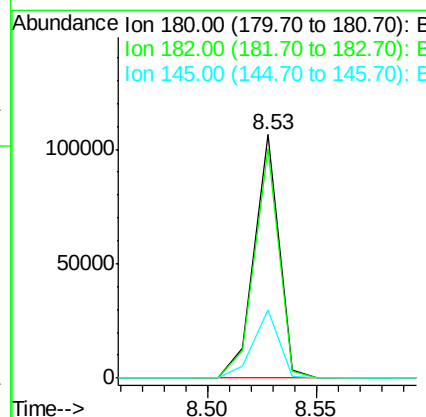
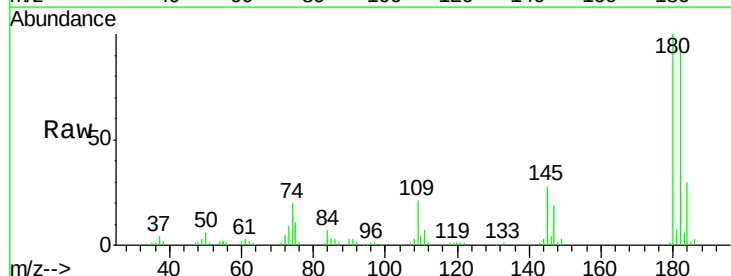
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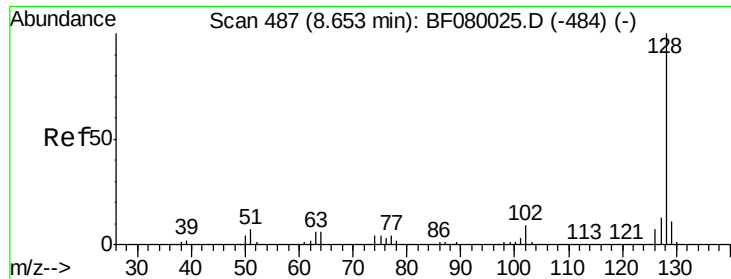
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#30
1,2,4-Trichlorobenzene
Concen: 46.31 ng
RT: 8.53 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF080213.D
Acq: 29 Jun 2015 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	84404		
182	94.3	77.1	115.7	
145	27.9	23.3	34.9	





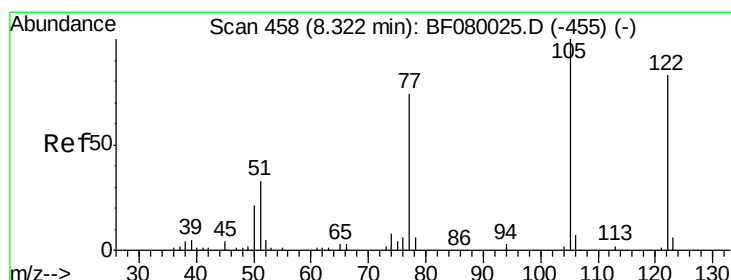
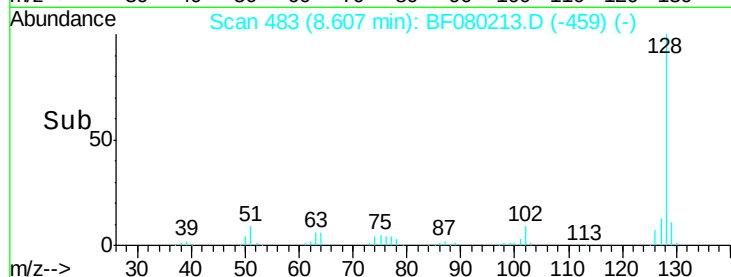
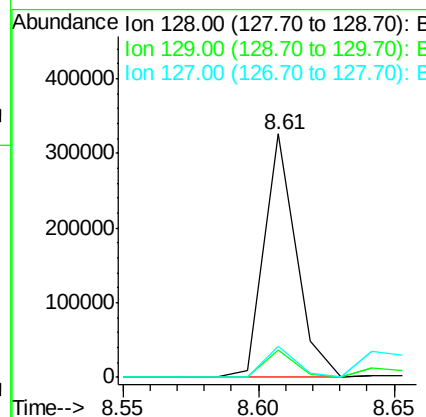
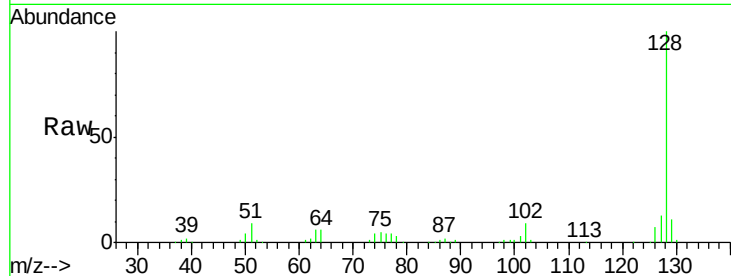
#31
Naphthalene
Concen: 41.55 ng m
RT: 8.61 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF080213.D
Acq: 29 Jun 2015 18:35

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	263113		
129	11.1	8.4	12.6	
127	12.9	9.9	14.9	

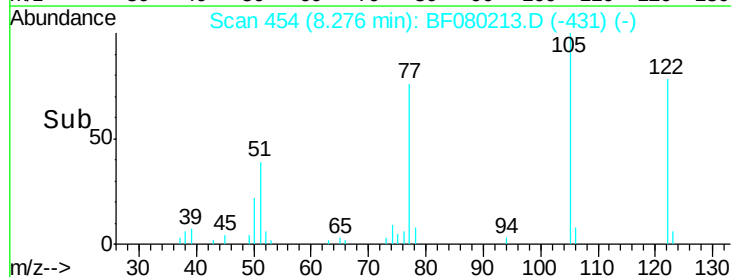
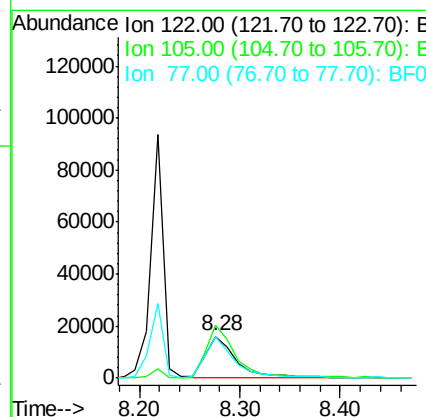
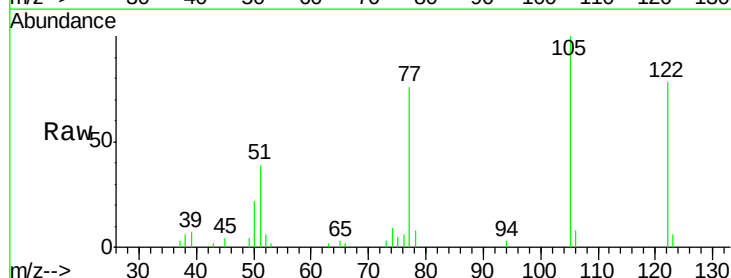
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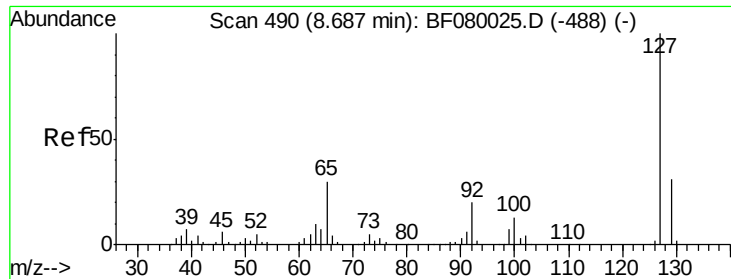
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#32
Benzoic acid
Concen: 30.02 ng
RT: 8.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF080213.D
Acq: 29 Jun 2015 18:35

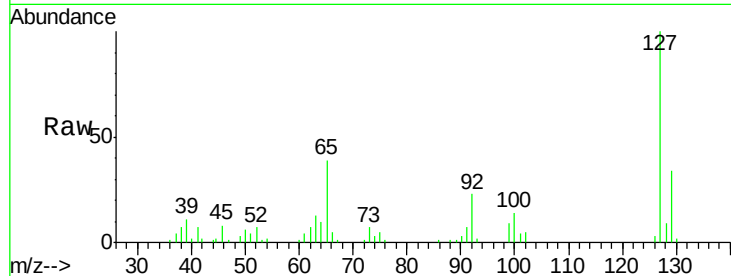
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	34020		
105	128.1	76.1	116.1#	
77	98.0	40.5	80.5#	





#33
 4-Chloroaniline
 Concen: 17.68 ng
 RT: 8.64 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: BF080213.D
 Acq: 29 Jun 2015 18:35

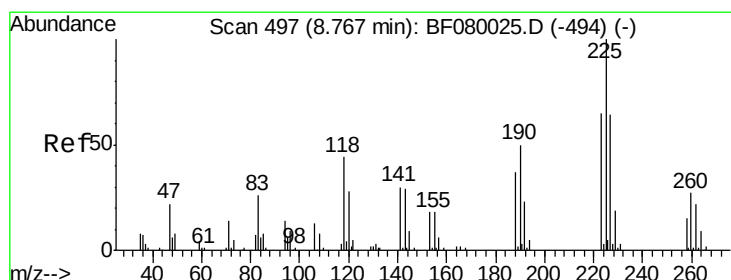
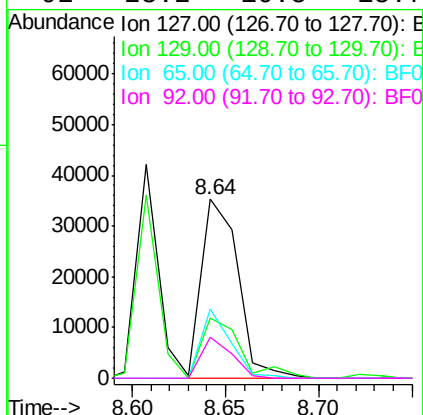
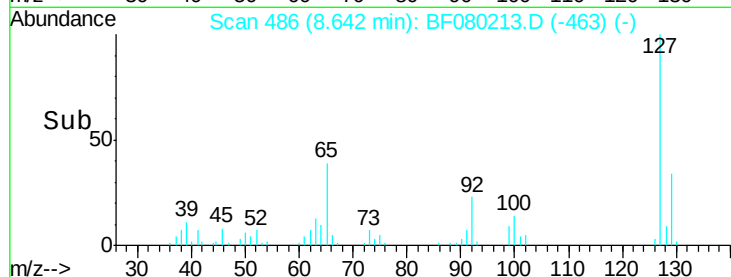
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMSD



Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.8	25.8	38.6
65	38.9	17.9	26.9
92	23.2	10.5	15.7

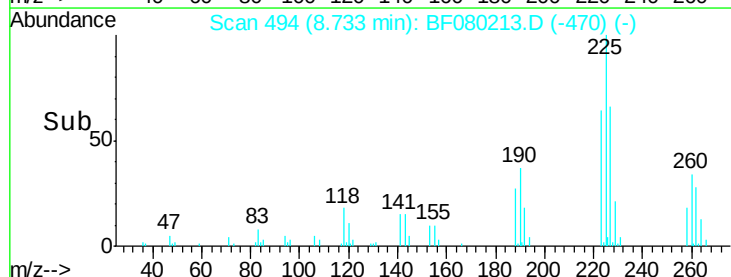
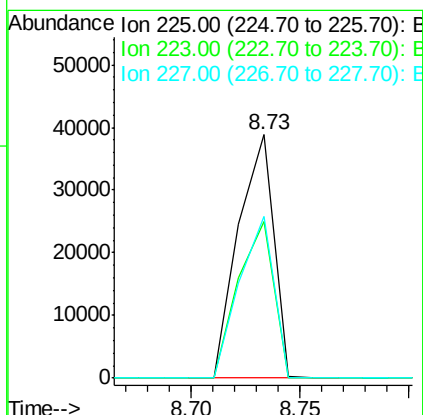
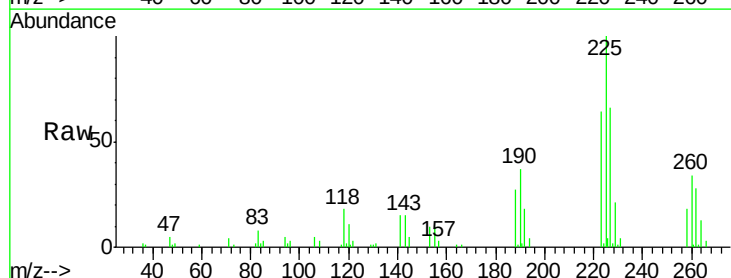
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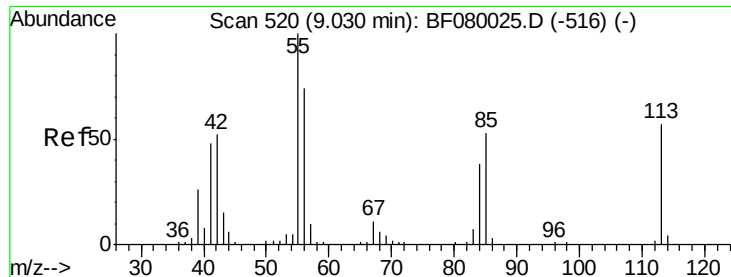
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#34
 Hexachlorobutadiene
 Concen: 38.94 ng
 RT: 8.73 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF080213.D
 Acq: 29 Jun 2015 18:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.2	75.2
227	66.2	52.2	78.2





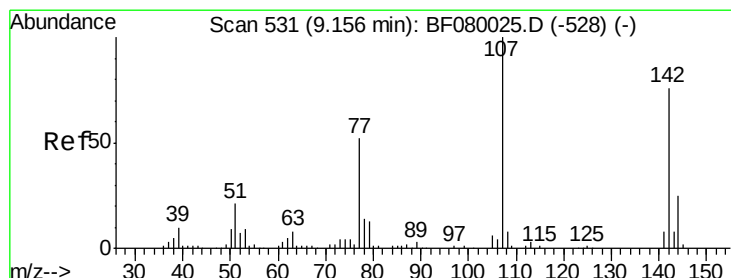
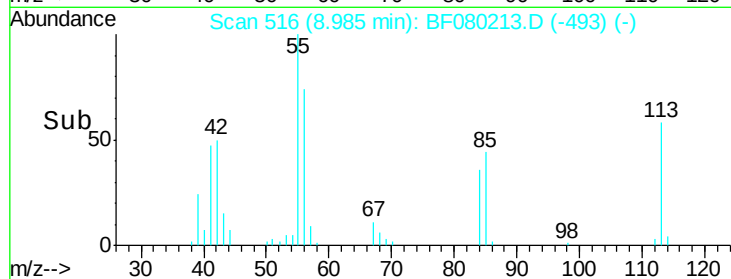
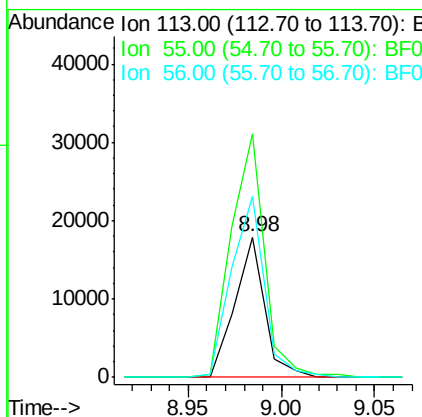
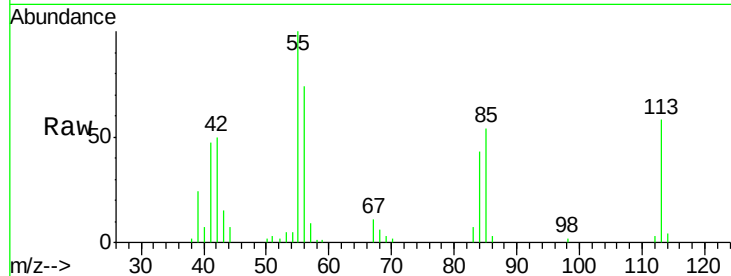
#35
 Caprolactam
 Concen: 38.42 ng
 RT: 8.98 min Scan# 516
 Delta R.T. -0.03 min
 Lab File: BF080213.D
 Acq: 29 Jun 2015 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	173.6	152.4	192.4
56	129.0	104.6	144.6

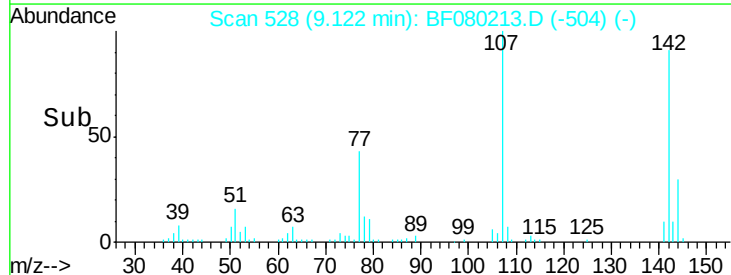
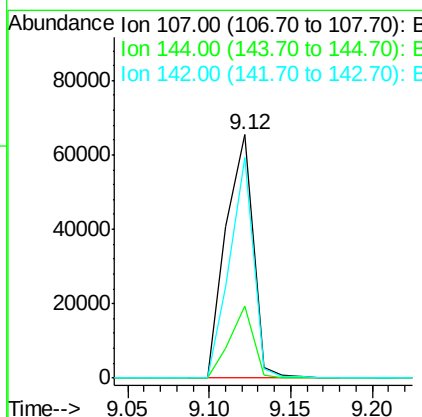
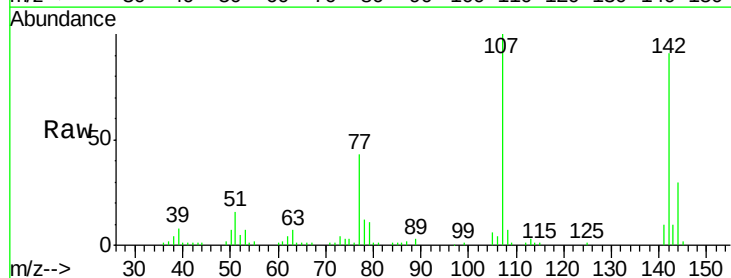
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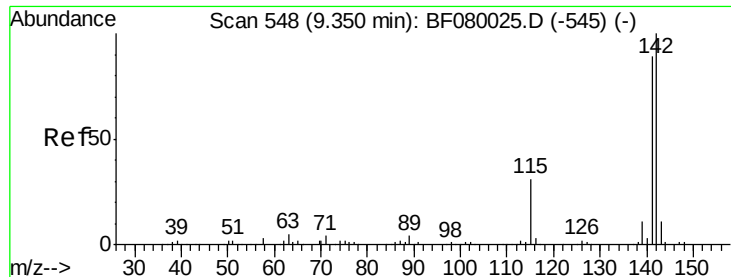
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#36
 4-Chloro-3-methylphenol
 Concen: 41.74 ng
 RT: 9.12 min Scan# 528
 Delta R.T. -0.02 min
 Lab File: BF080213.D
 Acq: 29 Jun 2015 18:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.8	25.4	38.0
142	90.6	77.3	115.9





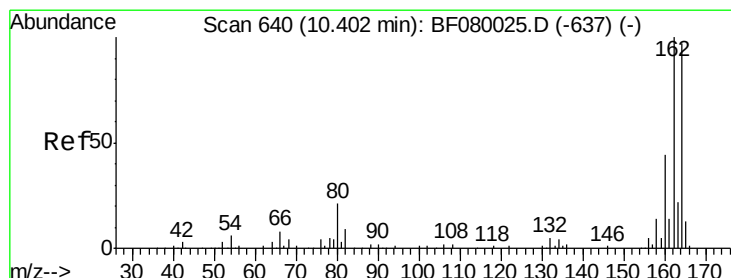
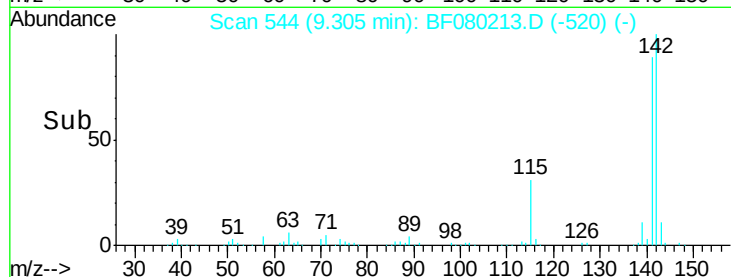
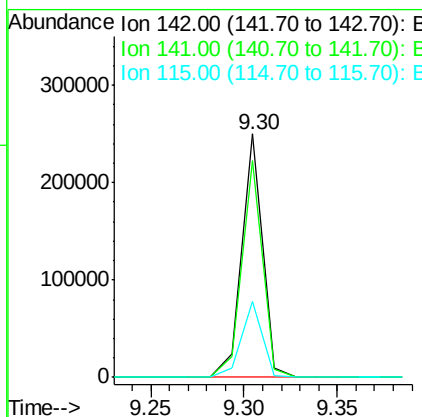
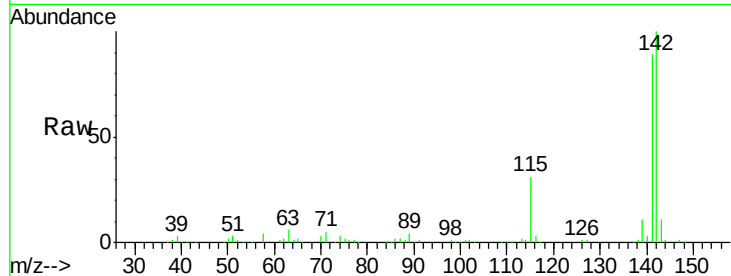
#37
 2-Methylnaphthalene
 Concen: 47.61 ng
 RT: 9.30 min Scan# 544
 Delta R.T. -0.02 min
 Lab File: BF080213.D
 Acq: 29 Jun 2015 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	195021		
141	89.1	67.5	101.3	
115	31.3	18.2	27.2	

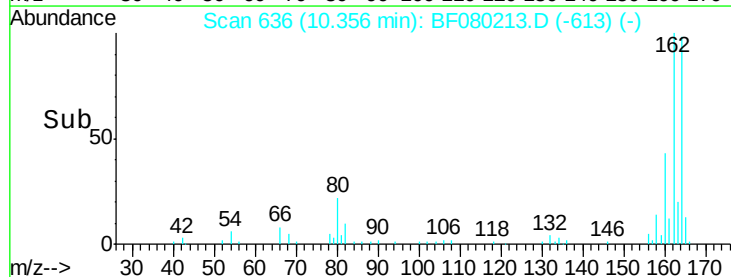
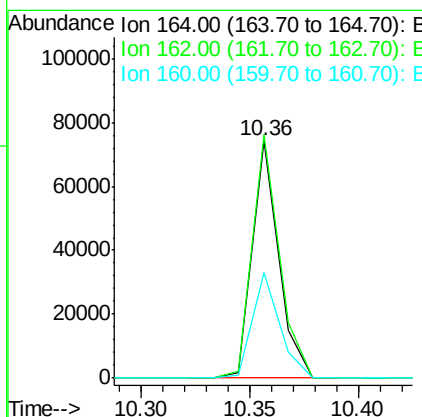
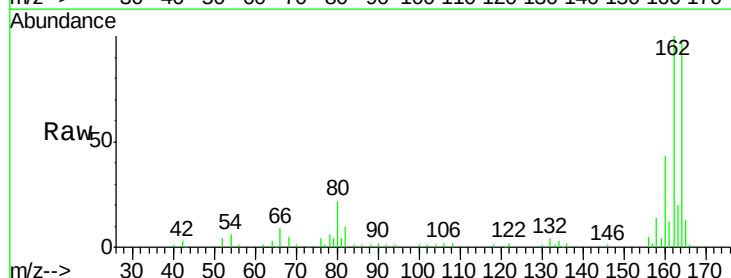
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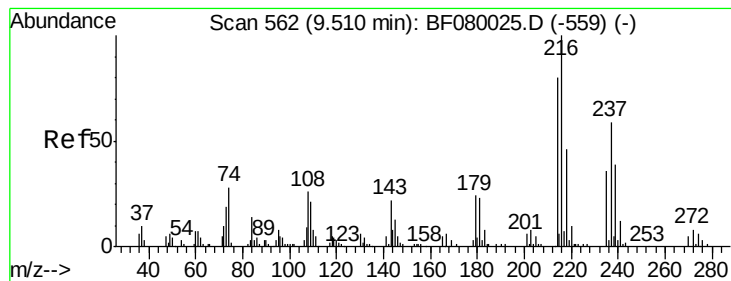
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF080213.D
 Acq: 29 Jun 2015 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	62485		
162	102.4	75.2	112.8	
160	44.2	31.5	47.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.65 ng

RT: 9.48 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF080213.D

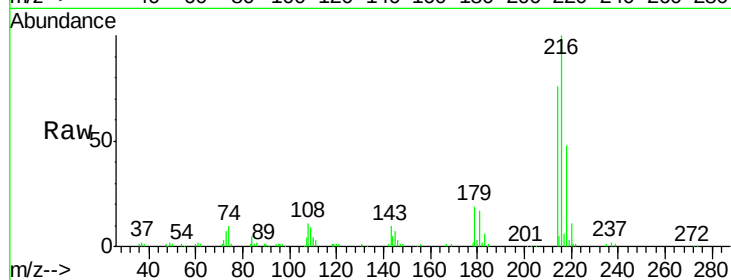
Acq: 29 Jun 2015 18:35

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-TMSD



Tgt Ion: 216 Resp: 86644

Ion Ratio Lower Upper

216 100

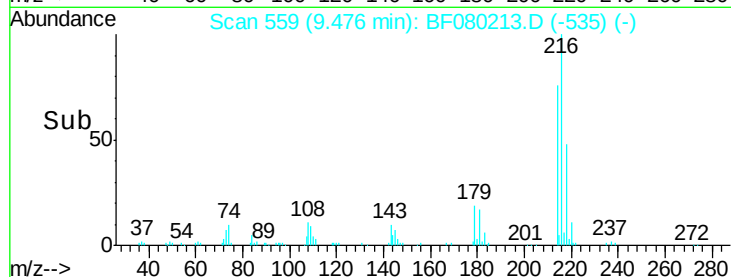
214 77.5 63.5 95.3

179 20.1 16.6 24.8

108 17.4 16.3 24.5

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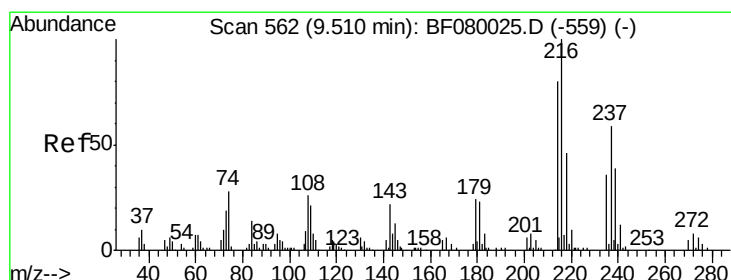
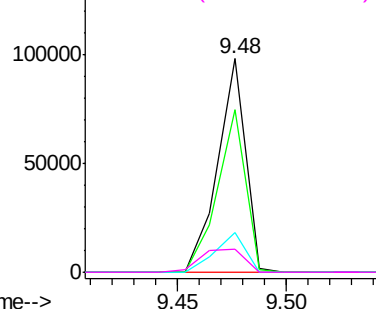


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 71.75 ng

RT: 9.46 min Scan# 558

Delta R.T. -0.02 min

Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

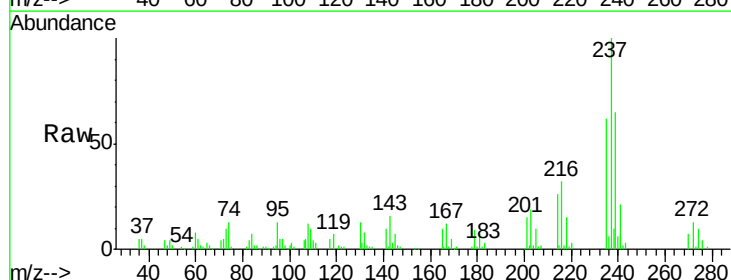
Tgt Ion: 237 Resp: 66486

Ion Ratio Lower Upper

237 100

235 61.8 42.0 82.0

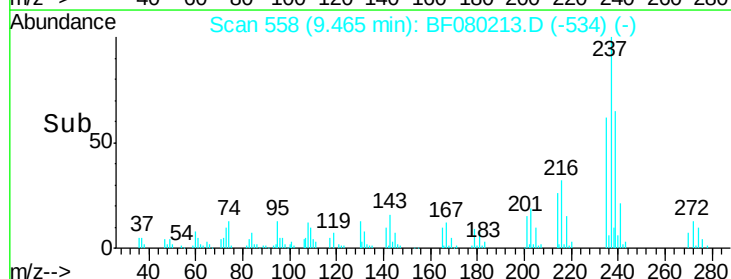
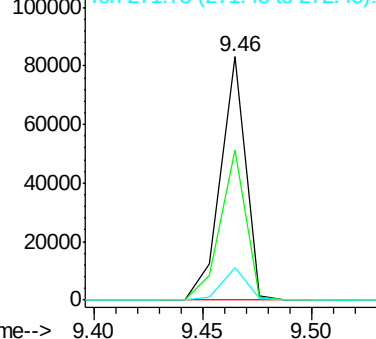
272 13.2 0.0 36.1

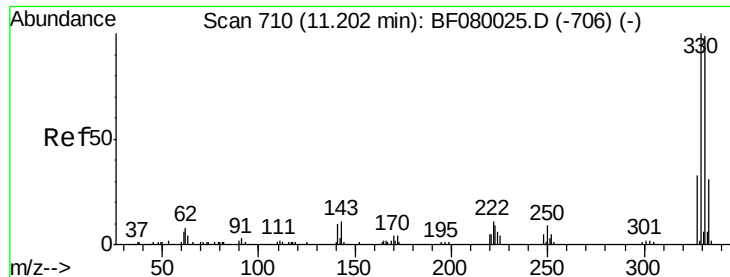


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





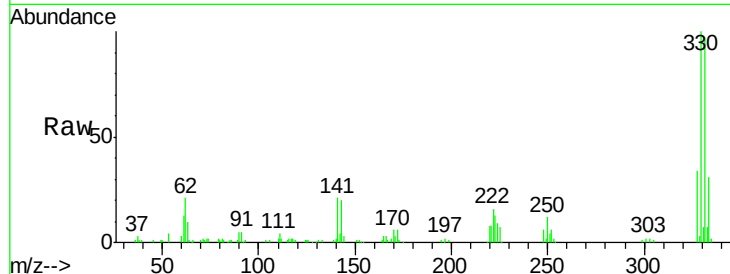
#41
 2,4,6-Tribromophenol
 Concen: 143.46 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF080213.D
 Acq: 29 Jun 2015 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMSD

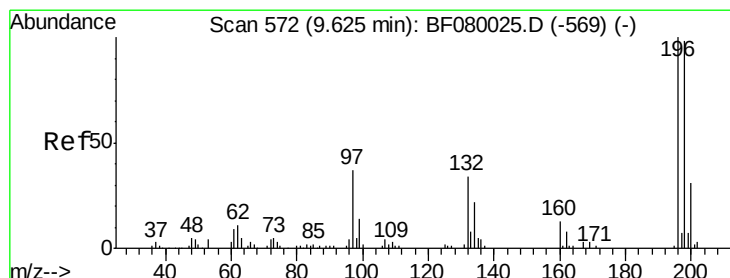
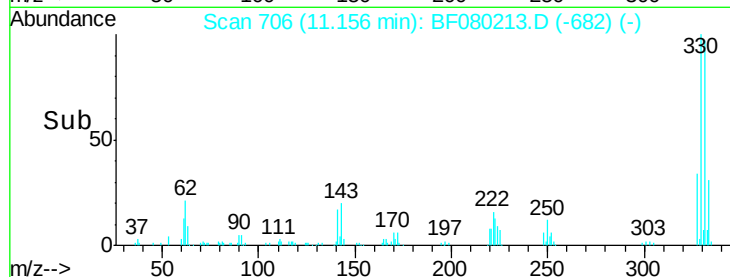
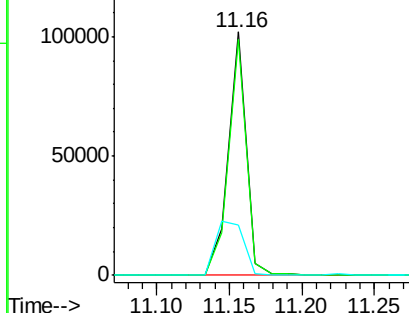
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	87657		
332	96.0	76.6	114.8	
141	34.8	29.7	44.5	

Manual Integrations
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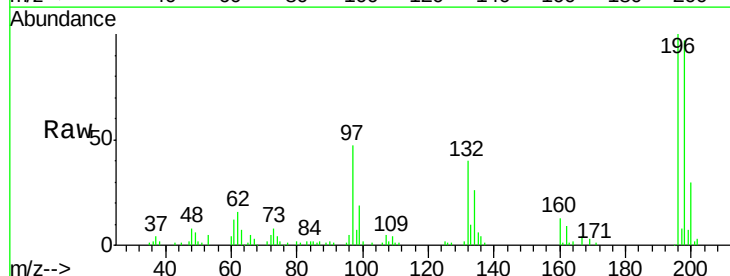


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

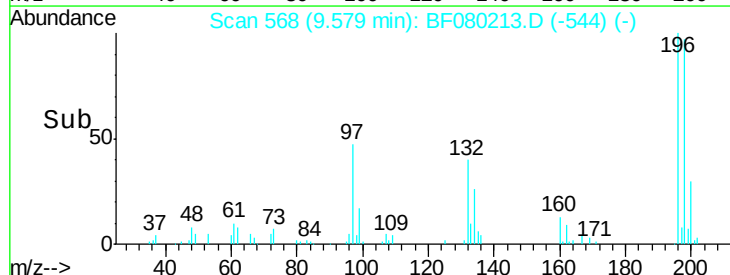
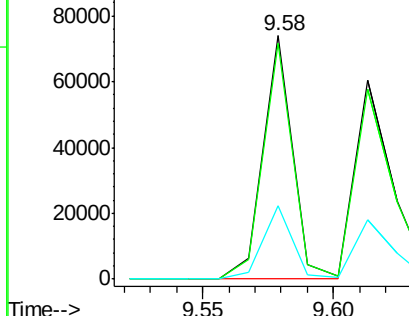


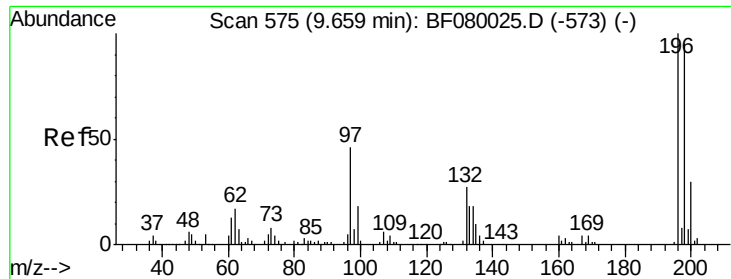
#42
 2,4,6-Trichlorophenol
 Concen: 47.66 ng
 RT: 9.58 min Scan# 568
 Delta R.T. -0.02 min
 Lab File: BF080213.D
 Acq: 29 Jun 2015 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	58969		
198	97.0	75.7	113.5	
200	30.3	23.9	35.9	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





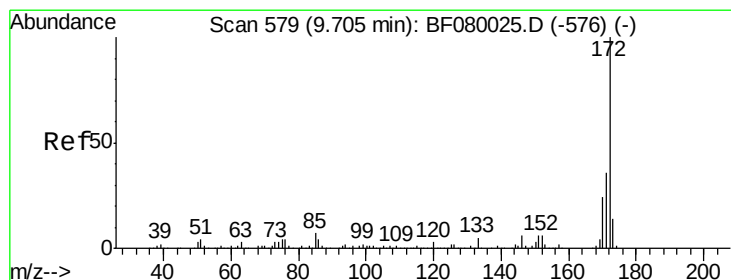
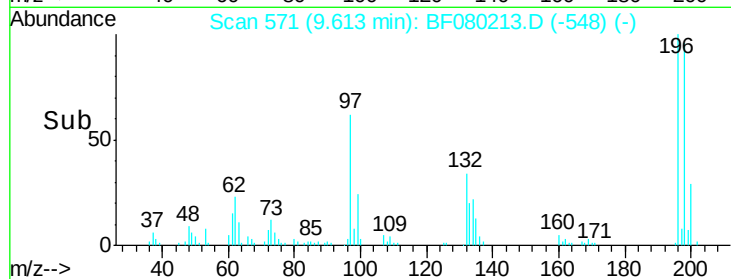
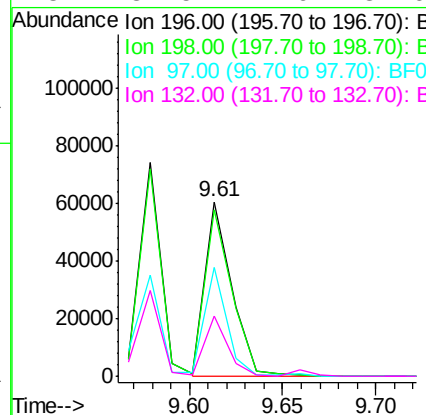
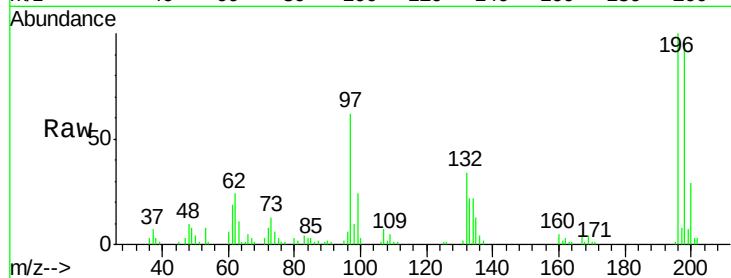
#43
 2,4,5-Trichlorophenol
 Concen: 42.05 ng
 RT: 9.61 min Scan# 571
 Delta R.T. -0.03 min
 Lab File: BF080213.D
 Acq: 29 Jun 2015 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	59945		
198	95.6	75.4	113.0	
97	62.5	33.3	49.9	
132	34.5	24.6	37.0	

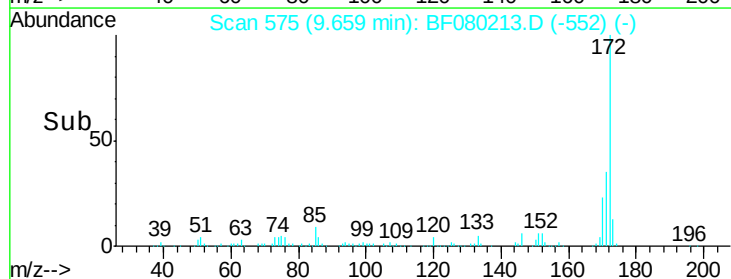
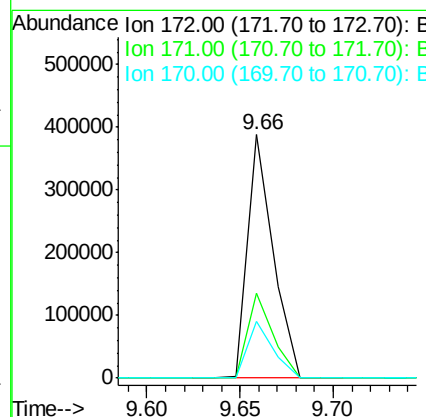
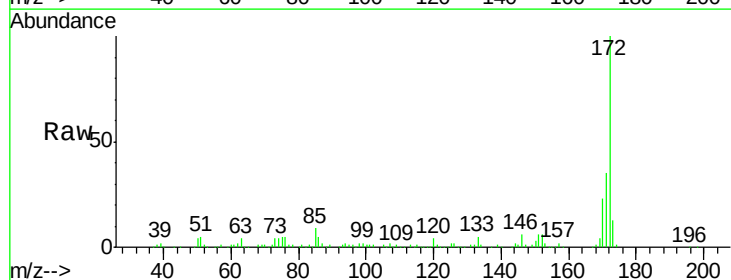
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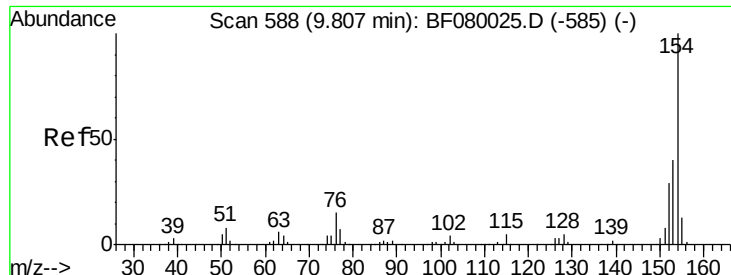
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#44
 2-Fluorobiphenyl
 Concen: 84.12 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF080213.D
 Acq: 29 Jun 2015 18:35

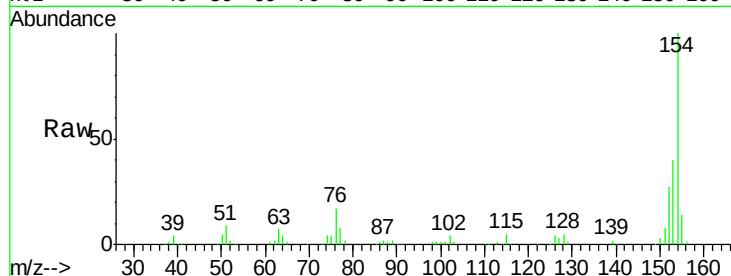
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	368556		
171	35.1	26.1	39.1	
170	23.2	17.4	26.2	





#45
 1,1'-Biphenyl
 Concen: 42.98 ng
 RT: 9.76 min Scan# 584
 Delta R.T. -0.03 min
 Lab File: BF080213.D
 Acq: 29 Jun 2015 18:35

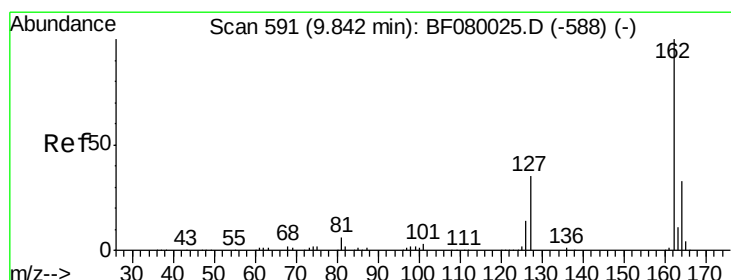
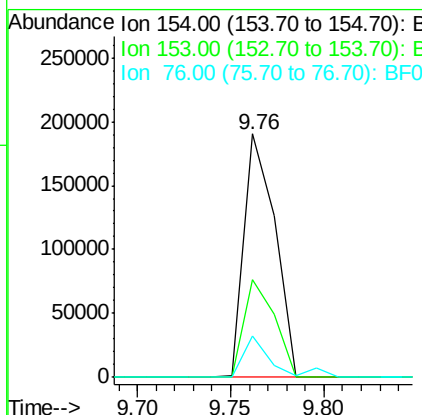
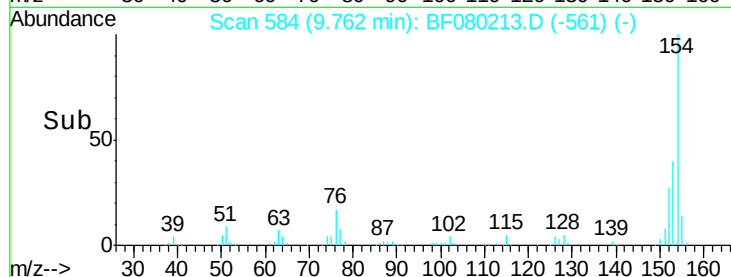
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMSD



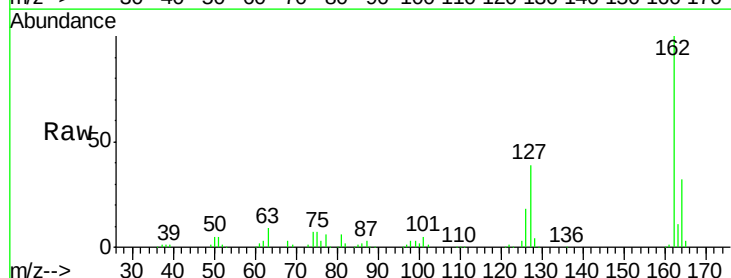
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	17.1	57.1
76	17.2	0.0	31.6

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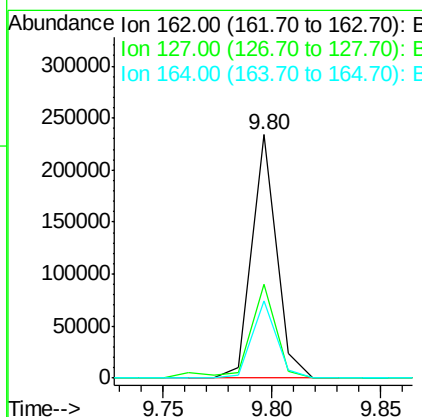
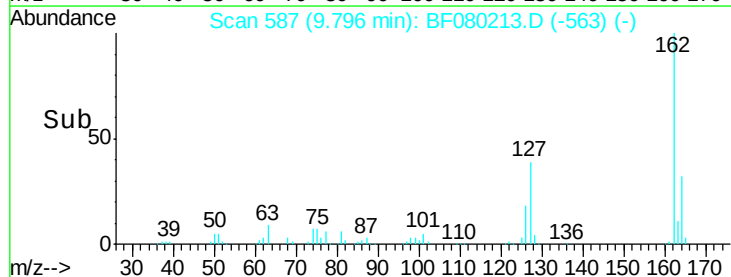
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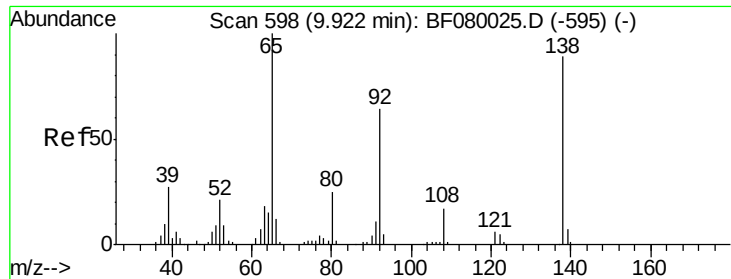


#46
 2-Chloronaphthalene
 Concen: 44.54 ng
 RT: 9.80 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: BF080213.D
 Acq: 29 Jun 2015 18:35



Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.7	27.6	41.4
164	31.6	25.4	38.2





#47

2-Nitroaniline

Concen: 44.62 ng

RT: 9.88 min Scan# 594

Delta R.T. -0.03 min

Lab File: BF080213.D

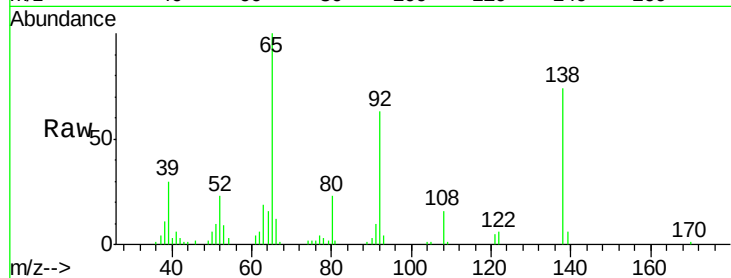
Acq: 29 Jun 2015 18:35

Instrument :

BNA_F

ClientSampleId :

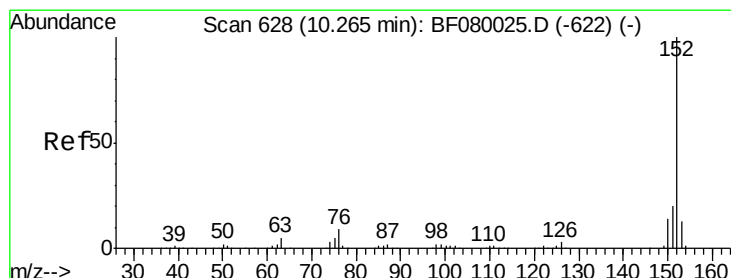
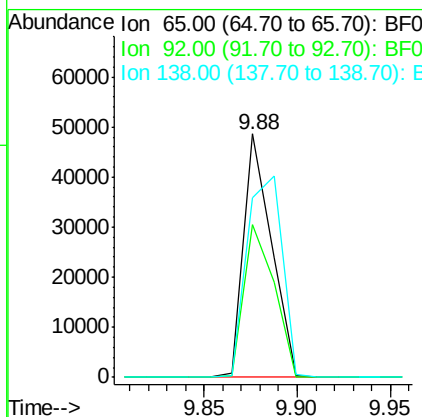
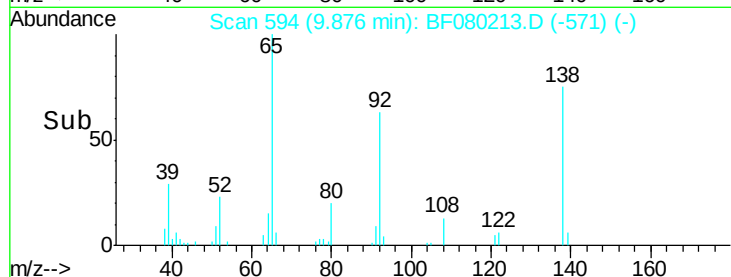
SOIL-STOCKPILE-TMSD



Tgt Ion:	65	Resp:	50524
Ion Ratio	Lower	Upper	
65	100		
92	62.7	55.4	83.0
138	73.8	115.5	173.3#

Manual Integrations
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#48

Acenaphthylene

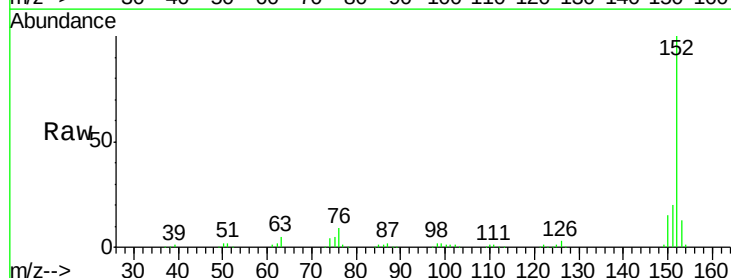
Concen: 44.76 ng

RT: 10.22 min Scan# 624

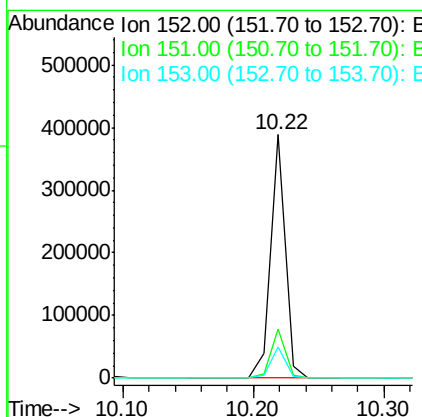
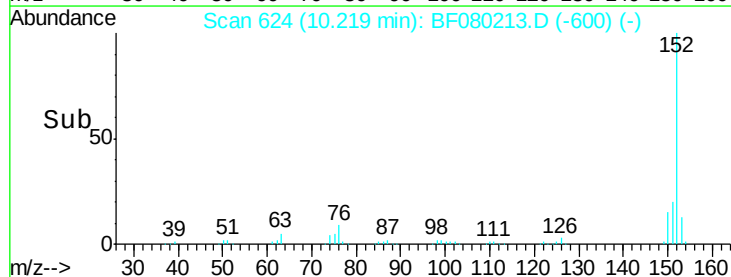
Delta R.T. -0.02 min

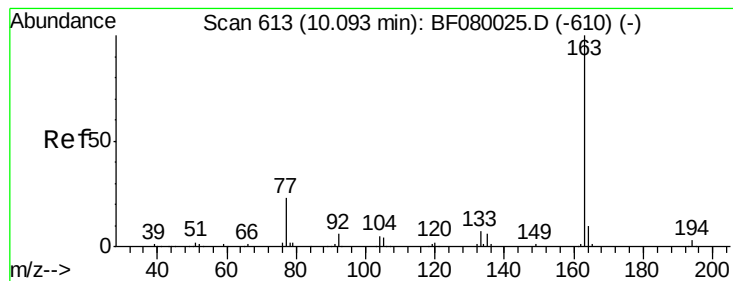
Lab File: BF080213.D

Acq: 29 Jun 2015 18:35



Tgt Ion:	152	Resp:	308203
Ion Ratio	Lower	Upper	
152	100		
151	20.0	14.6	22.0
153	13.0	10.3	15.5





#49

Dimethylphthalate

Concen: 43.07 ng

RT: 10.06 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

Instrument :

BNA_F

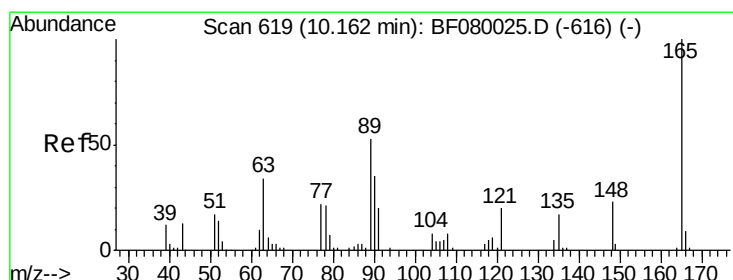
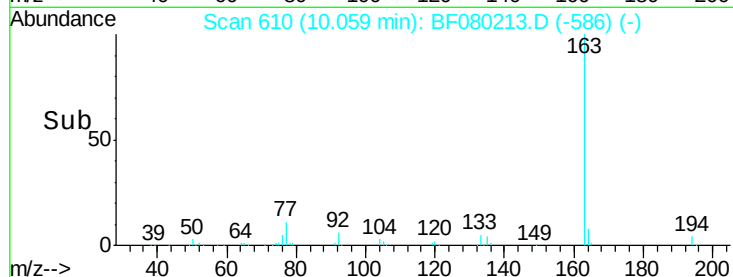
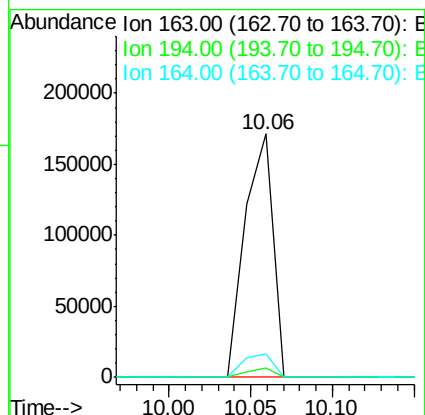
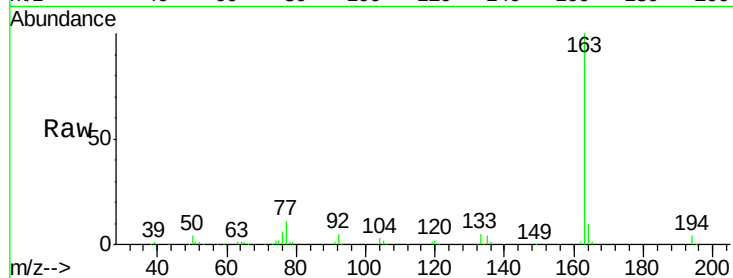
ClientSampleId :

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Tgt Ion:	163	Resp:	202320
Ion Ratio		Lower	Upper
163	100		
194	3.9	4.4	6.6#
164	9.5	8.3	12.5

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#50

2,6-Dinitrotoluene

Concen: 46.76 ng

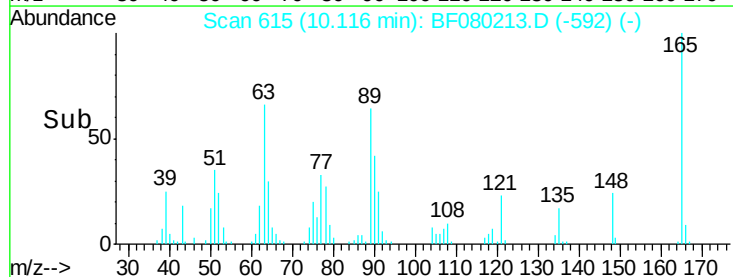
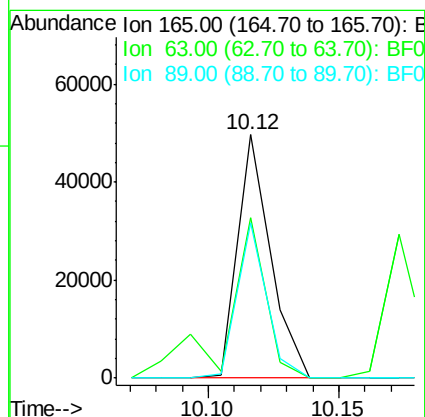
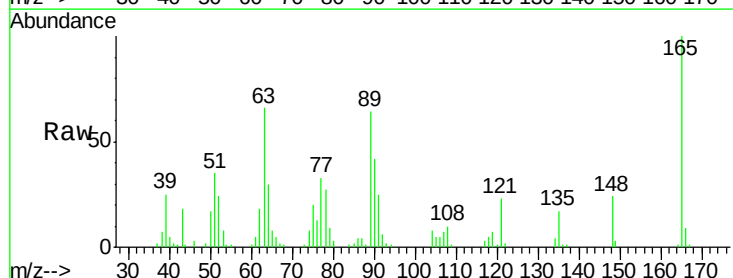
RT: 10.12 min Scan# 615

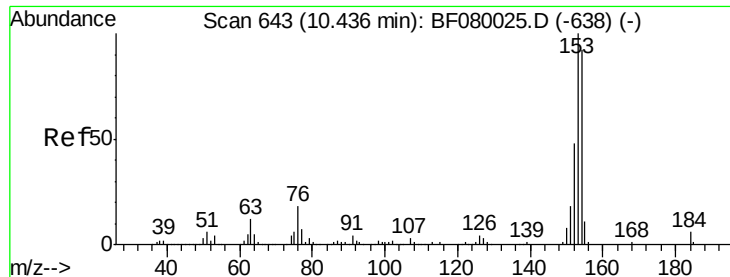
Delta R.T. -0.03 min

Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

Tgt Ion:	165	Resp:	44035
Ion Ratio		Lower	Upper
165	100		
63	65.7	32.3	48.5#
89	63.6	28.6	43.0#





#51

Acenaphthene

Concen: 46.32 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

Instrument :

BNA_F

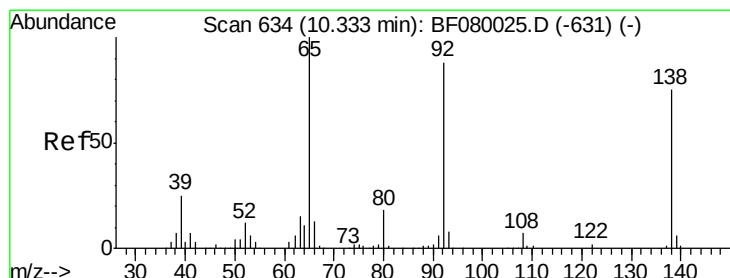
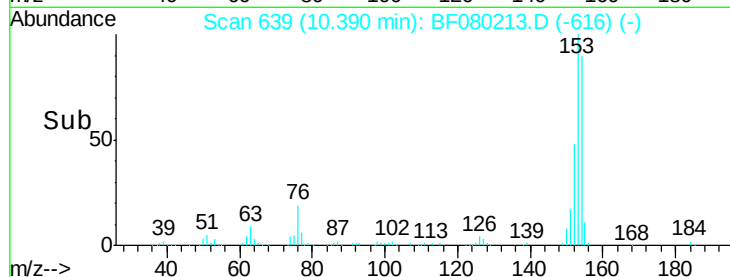
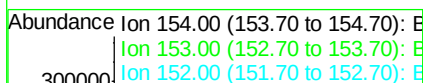
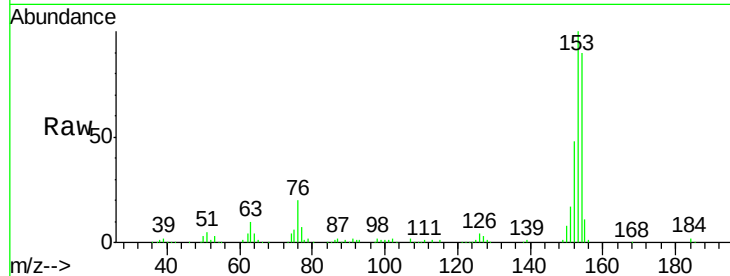
ClientSampleId :

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Tgt Ion:	154	Resp:	195081
Ion Ratio	Lower	Upper	
154	100		
153	111.3	82.1	123.1
152	52.9	37.9	56.9

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#52

3-Nitroaniline

Concen: 32.53 ng

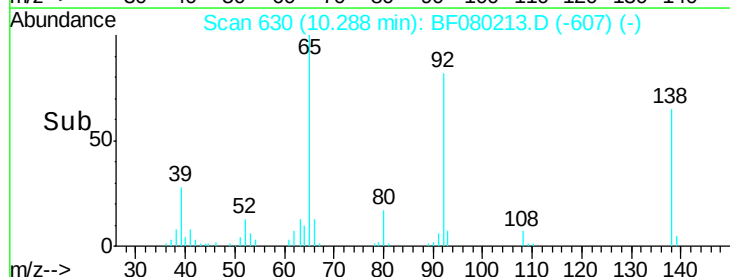
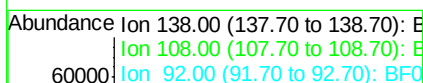
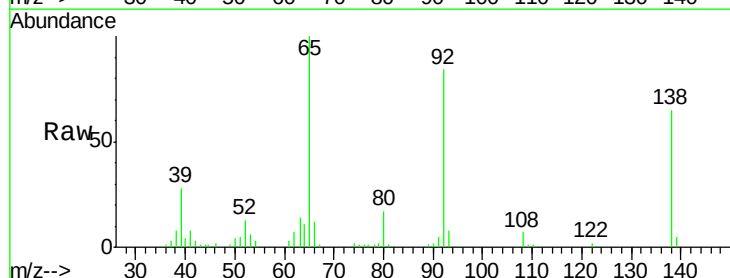
RT: 10.29 min Scan# 630

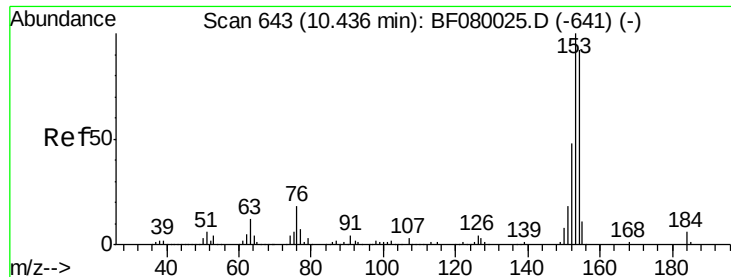
Delta R.T. -0.03 min

Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

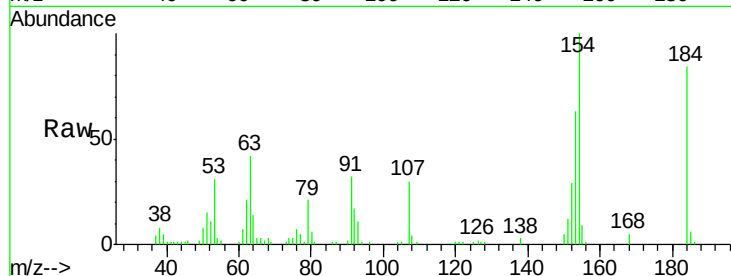
Tgt Ion:	138	Resp:	35342
Ion Ratio	Lower	Upper	
138	100		
108	10.9	5.7	8.5#
92	129.2	67.7	101.5#





#53
2,4-Dinitrophenol
Concen: 92.25 ng
RT: 10.40 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF080213.D
Acq: 29 Jun 2015 18:35

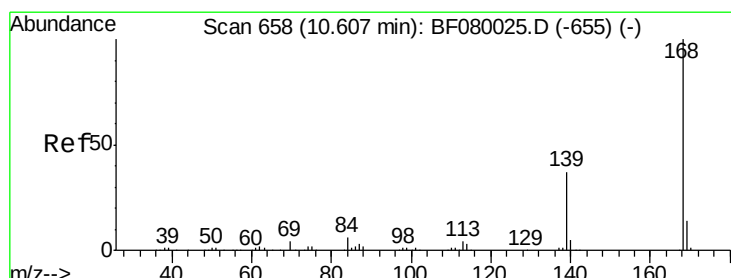
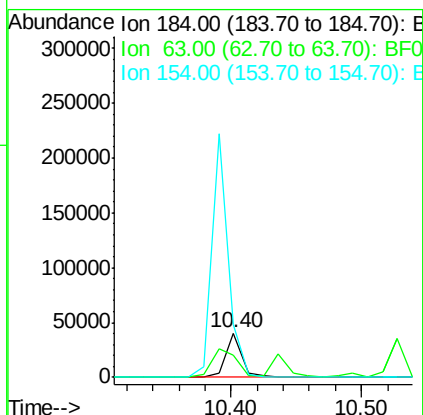
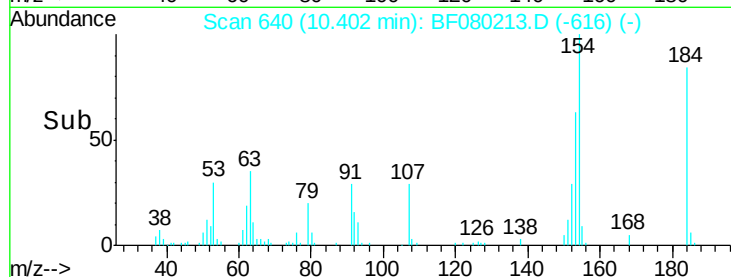
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
184	100	35730		
63	49.5	35.4	53.2	
154	118.5	32.2	48.4#	

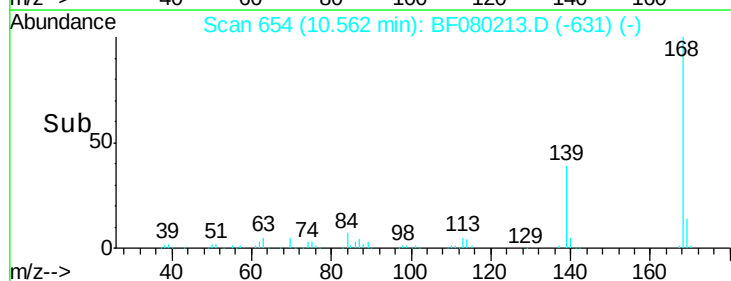
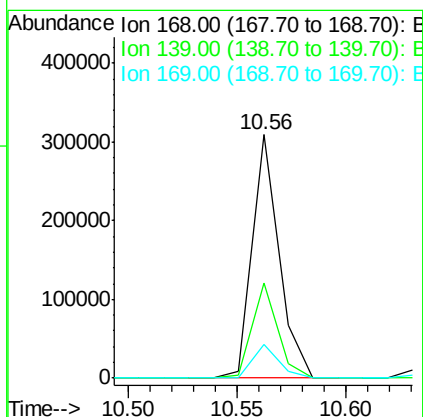
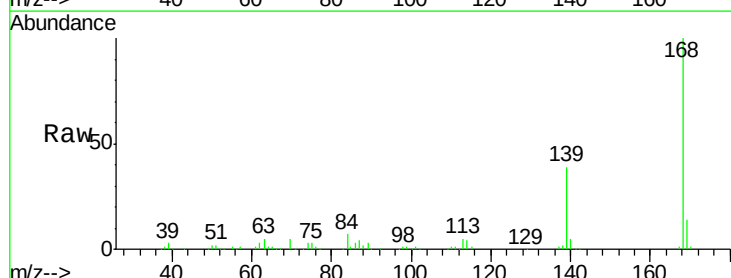
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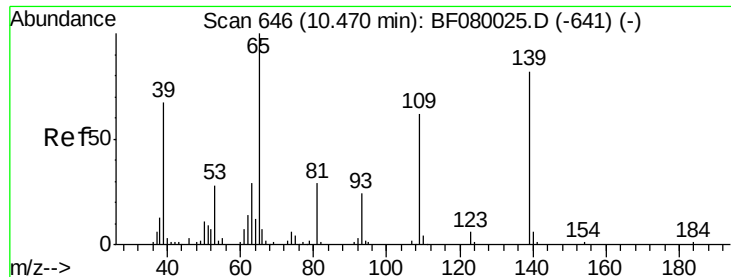
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#54
Dibenzofuran
Concen: 44.12 ng
RT: 10.56 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF080213.D
Acq: 29 Jun 2015 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	263660		
139	39.3	24.2	36.2#	
169	13.9	10.6	15.8	





#55

4-Nitrophenol

Concen: 77.12 ng

RT: 10.44 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

Instrument :

BNA_F

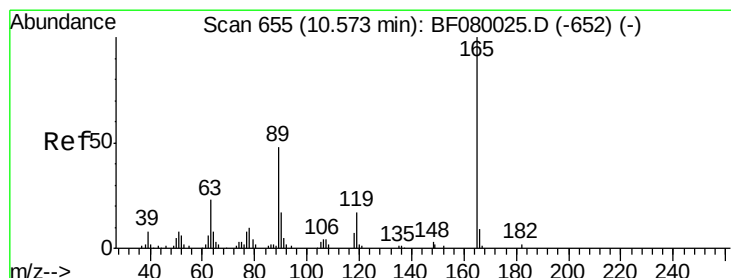
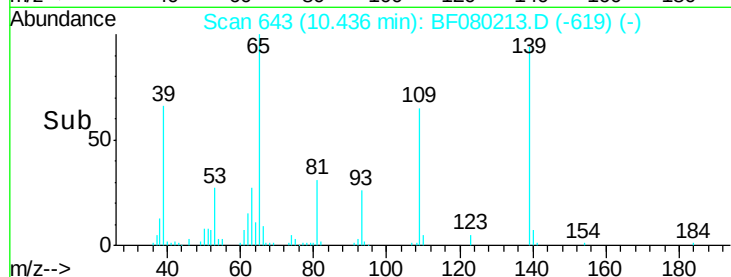
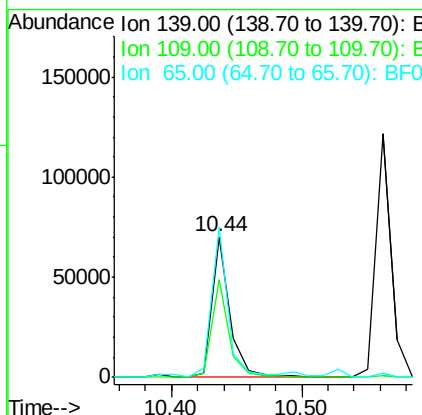
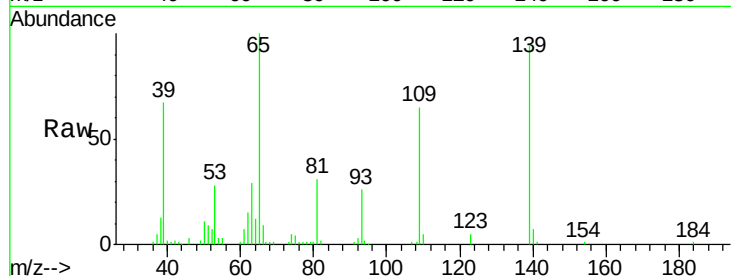
ClientSampleId :

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Tgt Ion:	139	Resp:	66977
Ion Ratio	Lower	Upper	
139	100		
109	69.7	12.7	52.7#
65	106.9	45.9	85.9#



#56

2,4-Dinitrotoluene

Concen: 55.37 ng

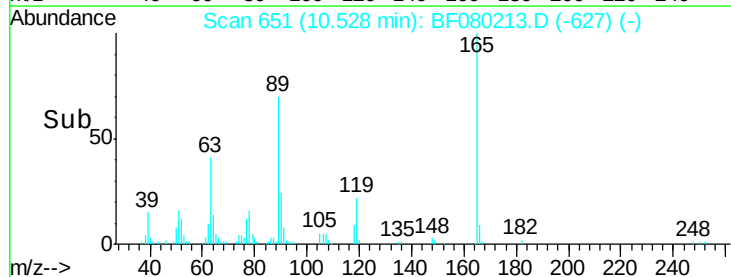
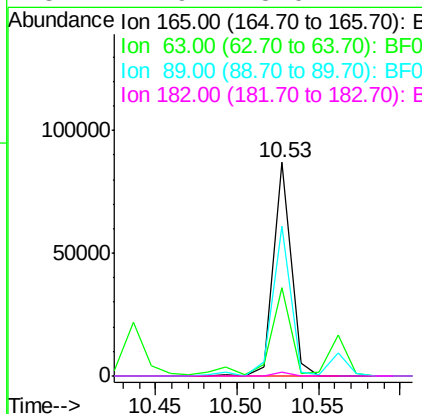
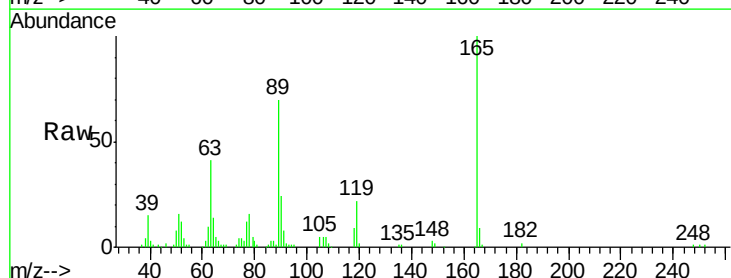
RT: 10.53 min Scan# 651

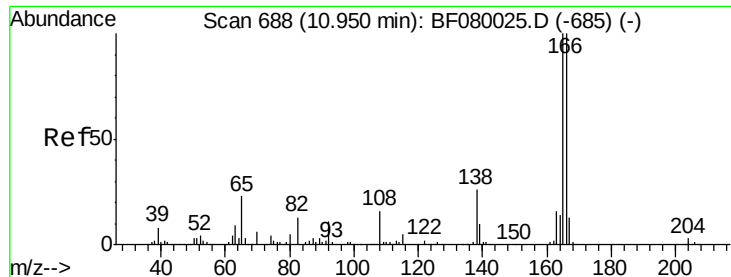
Delta R.T. -0.02 min

Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

Tgt Ion:	165	Resp:	66168
Ion Ratio	Lower	Upper	
165	100		
63	41.2	29.8	44.6
89	70.2	44.5	66.7#
182	1.9	3.0	4.4#





#57

Fluorene

Concen: 43.14 ng

RT: 10.92 min Scan# 685

Delta R.T. -0.02 min

Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

Instrument :

BNA_F

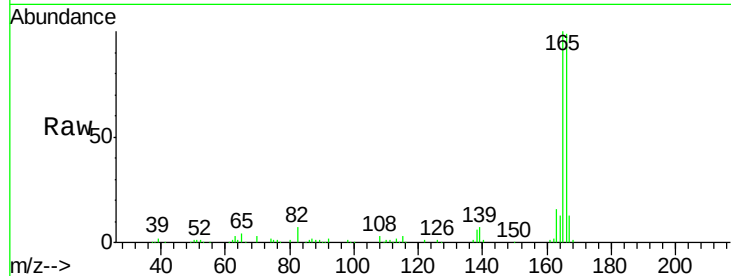
ClientSampleId :

SOIL-STOCKPILE-TMSD

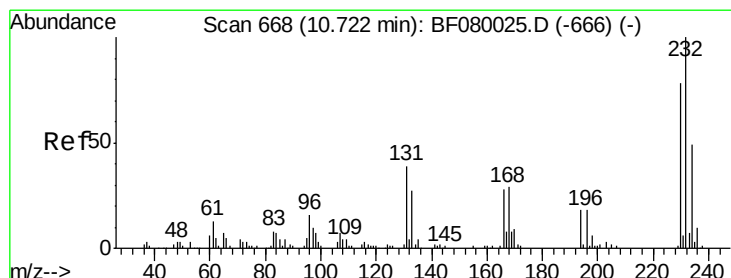
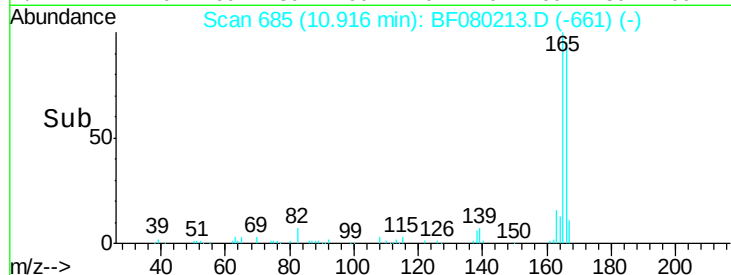
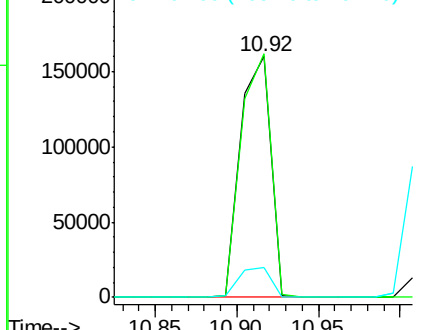
Tgt Ion:	166	Resp:	204563
Ion Ratio	Lower	Upper	
166	100		
165	101.2	72.6	109.0
167	12.7	10.6	16.0

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.45 ng

RT: 10.68 min Scan# 664

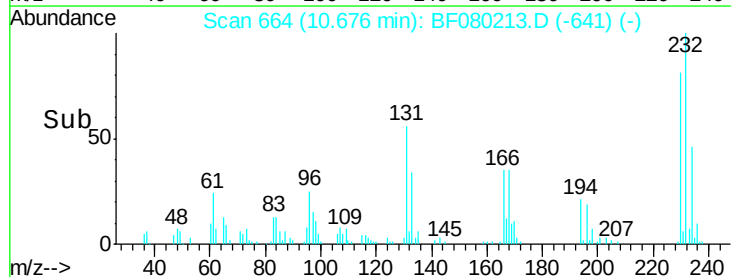
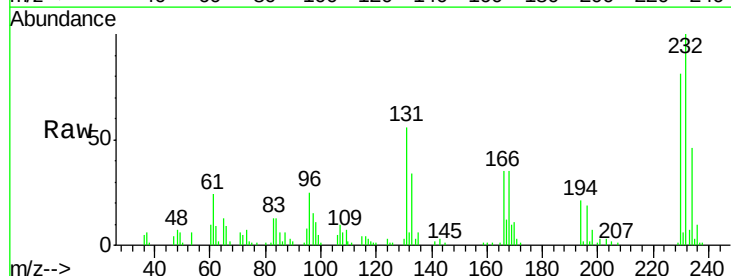
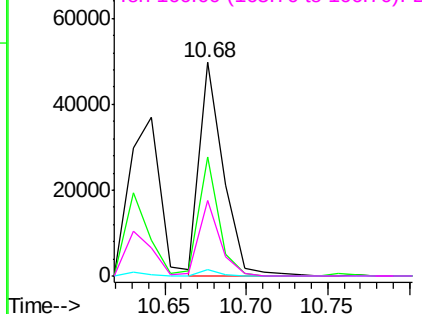
Delta R.T. -0.03 min

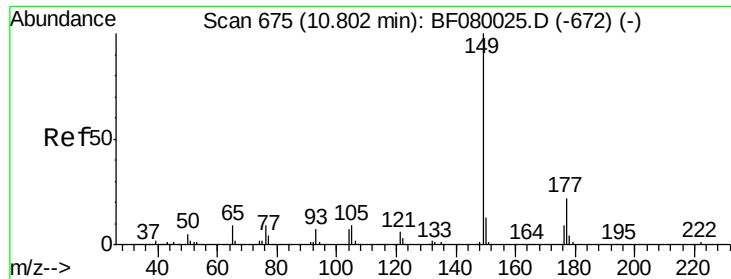
Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

Tgt Ion:	232	Resp:	51083
Ion Ratio	Lower	Upper	
232	100		
131	46.4	38.5	57.7
130	2.3	1.8	2.6
166	31.3	25.0	37.6

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





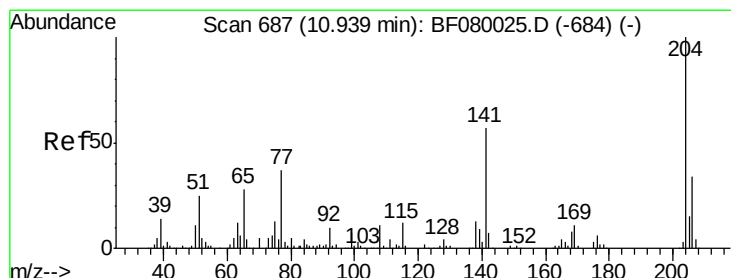
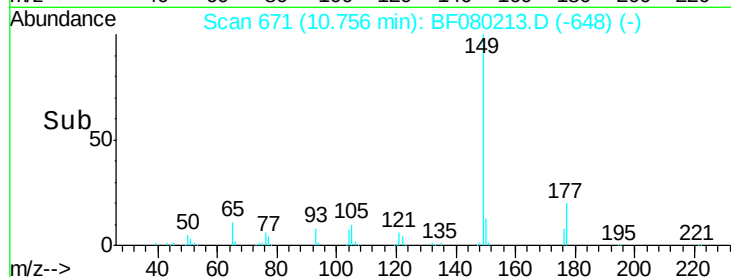
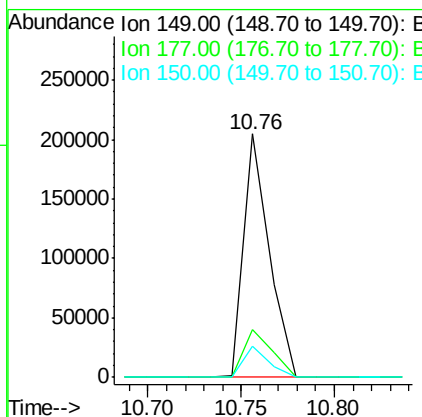
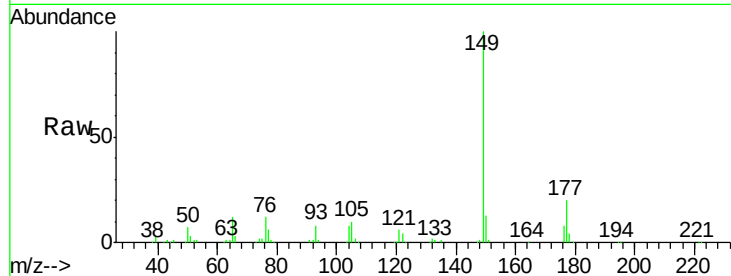
#59
Diethylphthalate
Concen: 41.34 ng
RT: 10.76 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF080213.D
Acq: 29 Jun 2015 18:35

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	195545		
177	19.6	17.5	26.3	
150	12.6	9.4	14.2	

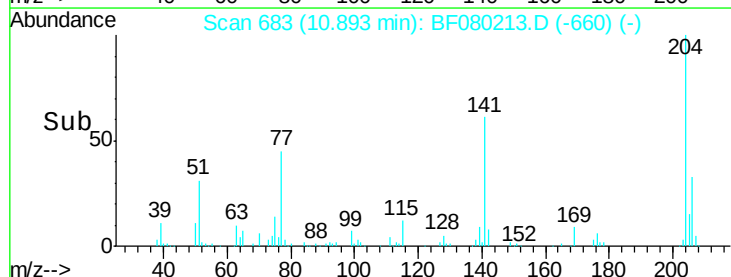
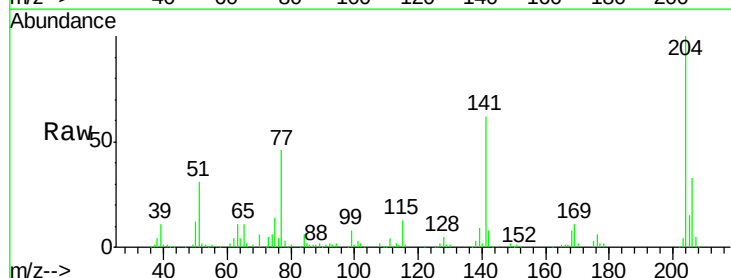
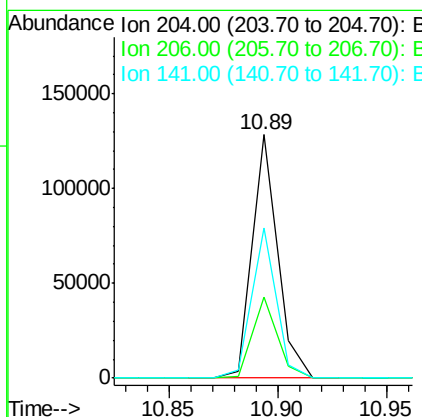
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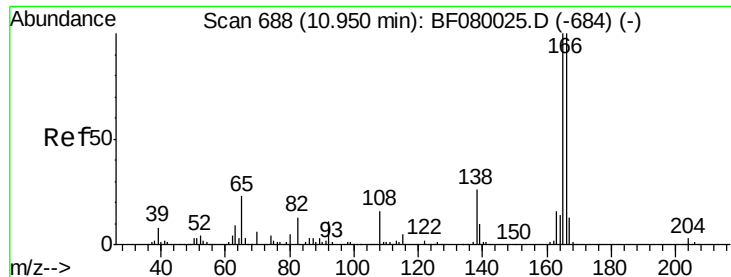
TEJASKUMAR
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#60
4-Chlorophenyl-phenylether
Concen: 45.61 ng
RT: 10.89 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF080213.D
Acq: 29 Jun 2015 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	103949		
206	33.2	24.8	37.2	
141	61.8	42.2	63.4	





#61

4-Nitroaniline

Concen: 43.11 ng

RT: 10.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF080213.D

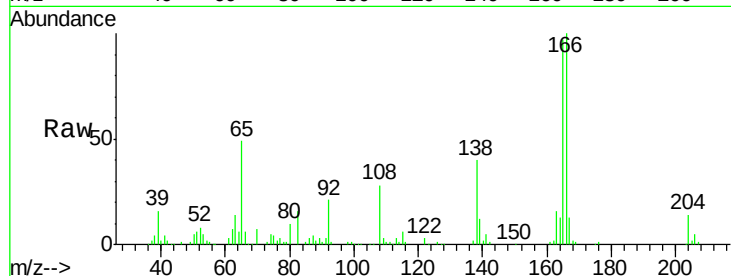
Acq: 29 Jun 2015 18:35

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-TMSD



Tgt Ion: 138 Resp: 48378

Ion Ratio Lower Upper

138 100

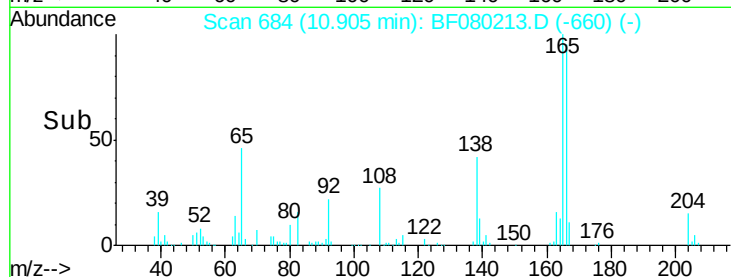
92 52.2 12.6 52.6

108 68.7 12.4 52.4#

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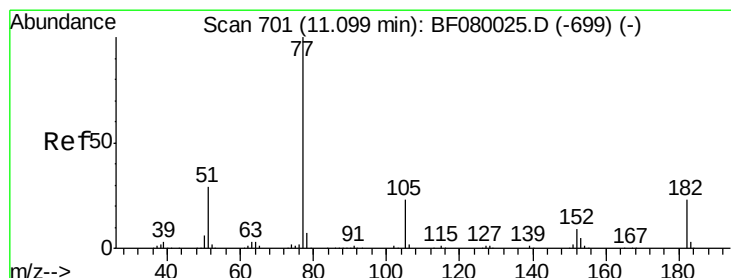
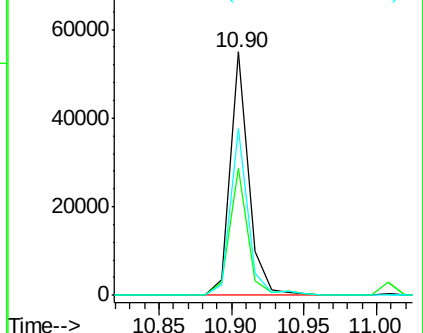
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.11 ng

RT: 11.05 min Scan# 697

Delta R.T. -0.03 min

Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

Tgt Ion: 77 Resp: 207575

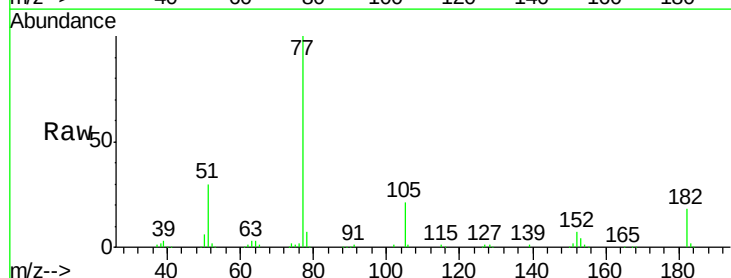
Ion Ratio Lower Upper

77 100

182 18.2 15.1 55.1

105 21.0 3.4 43.4

51 30.1 12.0 52.0

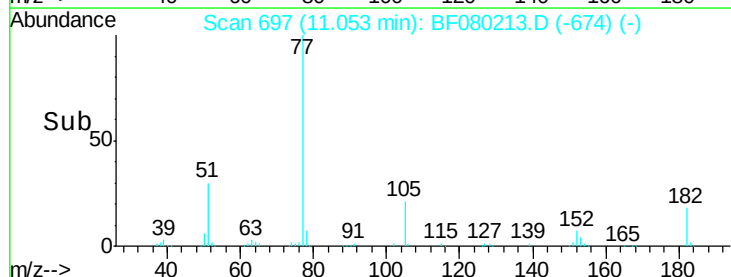
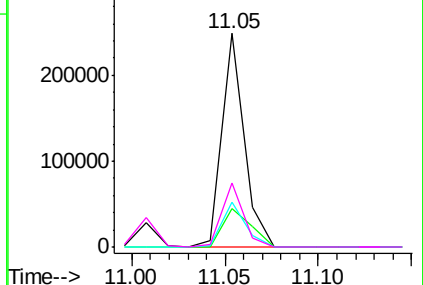


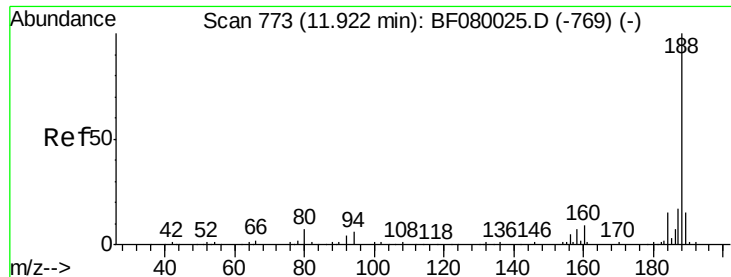
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





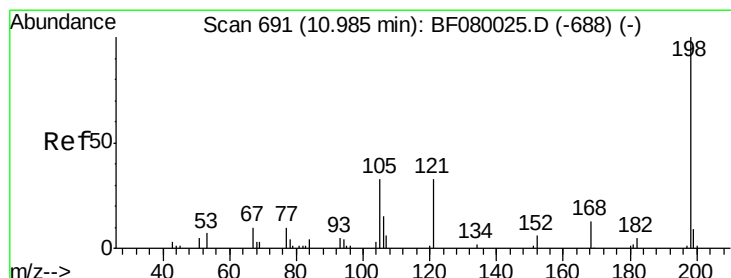
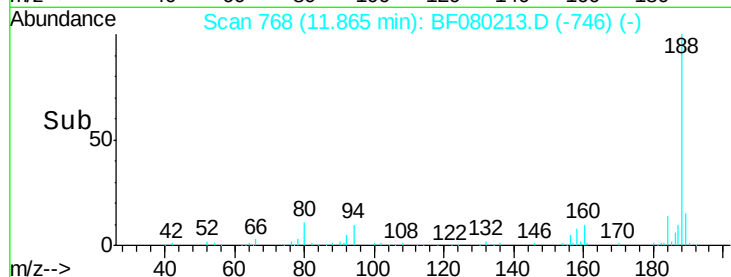
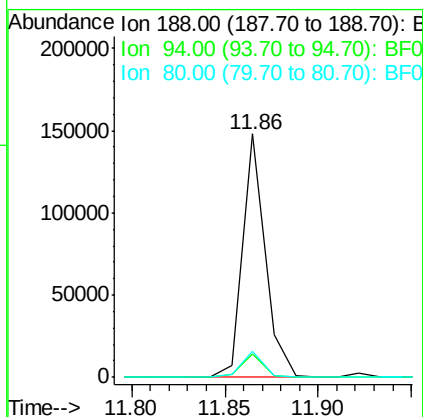
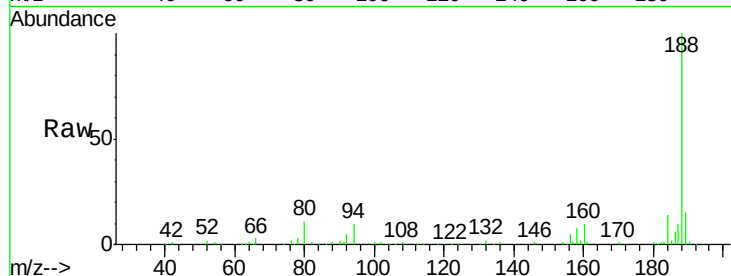
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.86 min Scan# 768
 Delta R.T. -0.05 min
 Lab File: BF080213.D
 Acq: 29 Jun 2015 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.9	11.1	16.7#
80	10.9	11.0	16.4#

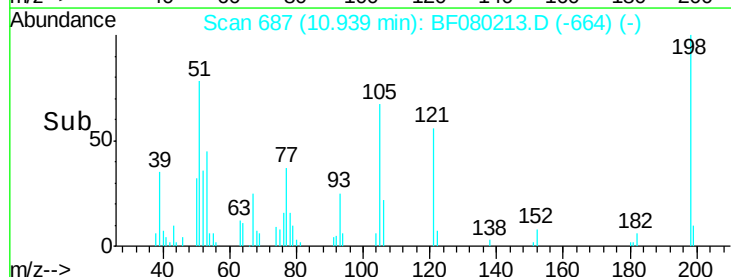
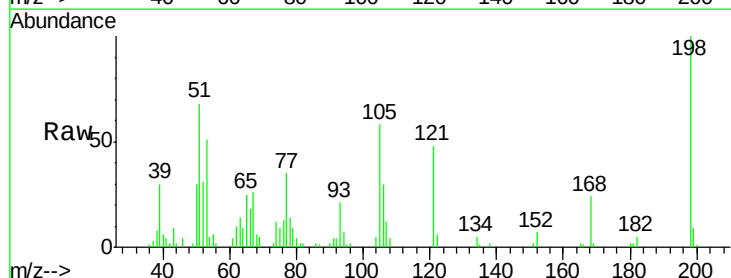
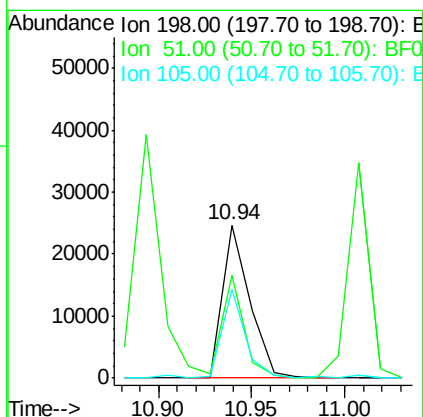
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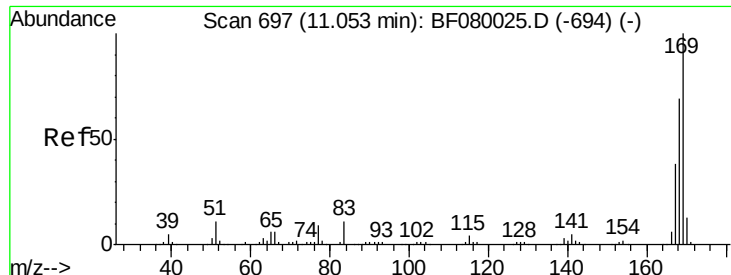
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.97 ng
 RT: 10.94 min Scan# 687
 Delta R.T. -0.03 min
 Lab File: BF080213.D
 Acq: 29 Jun 2015 18:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	67.6	39.6	79.6
105	58.3	28.5	68.5





#65

n-Nitrosodiphenylamine

Concen: 45.21 ng

RT: 11.01 min Scan# 693

Delta R.T. -0.02 min

Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

Instrument :

BNA_F

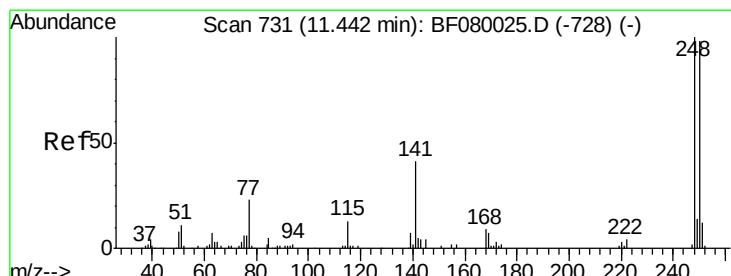
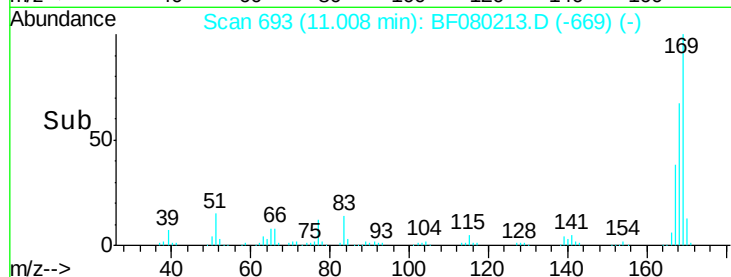
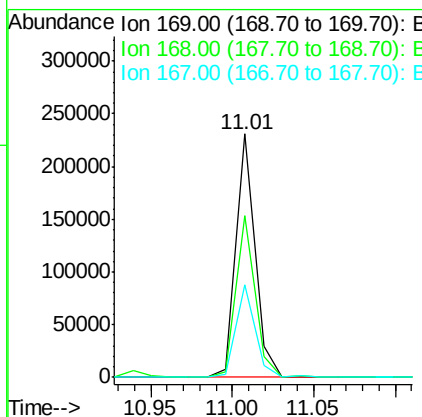
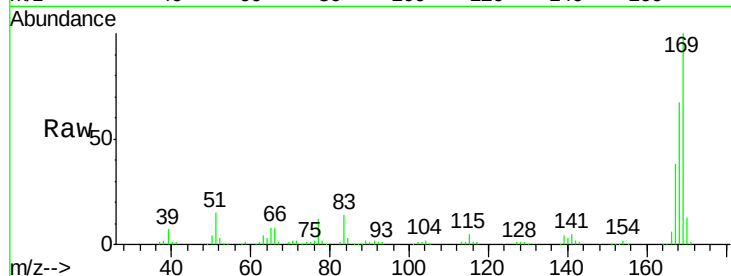
ClientSampleId :

SOIL-STOCKPILE-TMSD

Tgt Ion:	169	Resp:	184049
Ion Ratio	Lower	Upper	
169	100		
168	66.6	48.9	73.3
167	37.8	26.2	39.4

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#66

4-Bromophenyl-phenylether

Concen: 45.75 ng

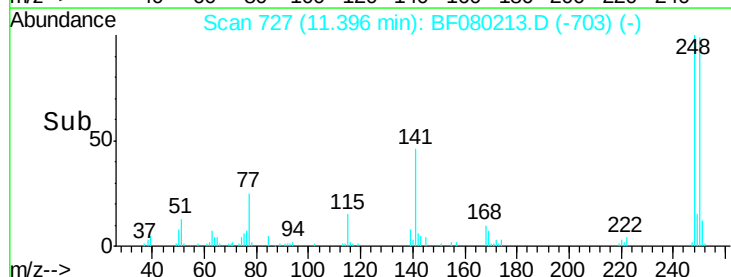
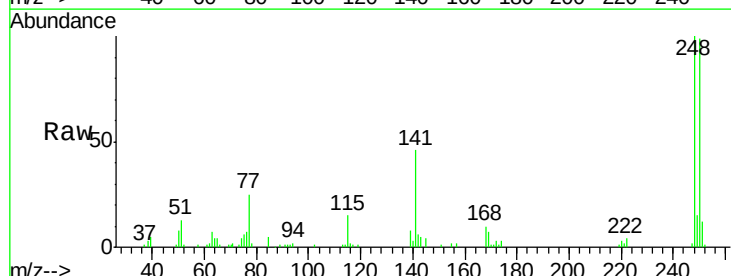
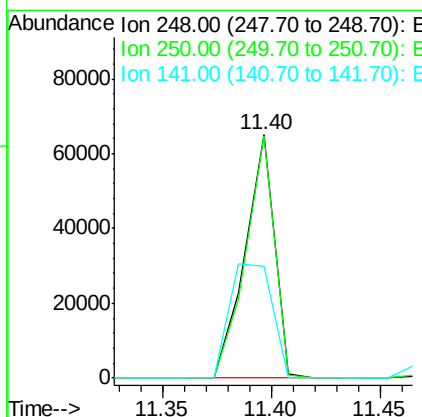
RT: 11.40 min Scan# 727

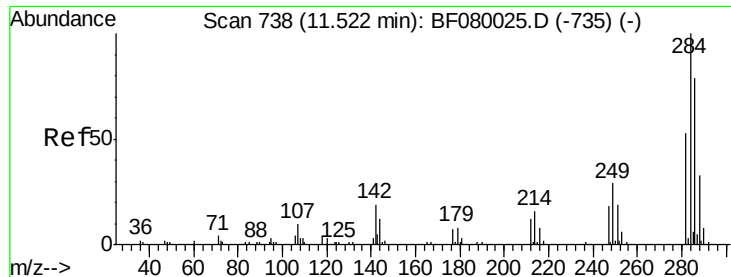
Delta R.T. -0.02 min

Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

Tgt Ion:	248	Resp:	60820
Ion Ratio	Lower	Upper	
248	100		
250	99.3	78.5	117.7
141	46.1	59.0	88.6#





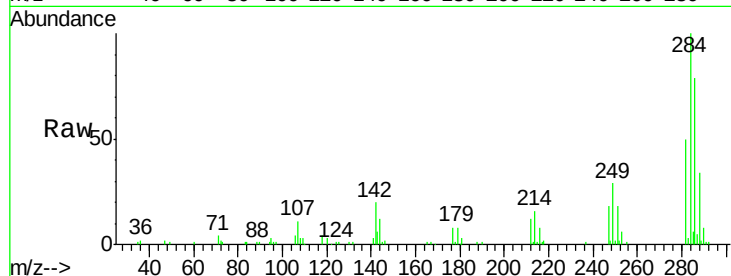
#67
Hexachlorobenzene
Concen: 45.84 ng
RT: 11.48 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF080213.D
Acq: 29 Jun 2015 18:35

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMSD

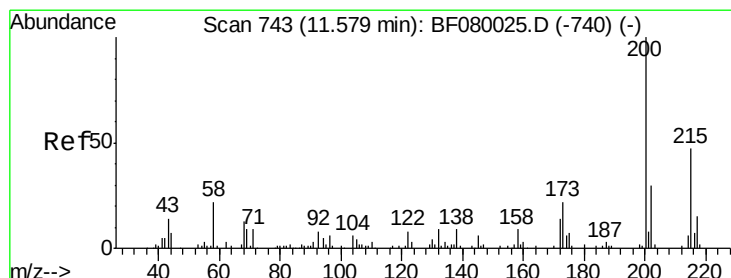
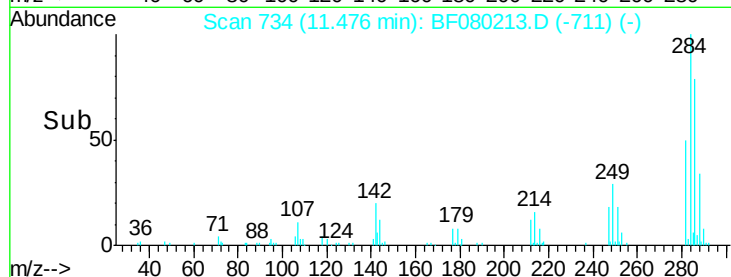
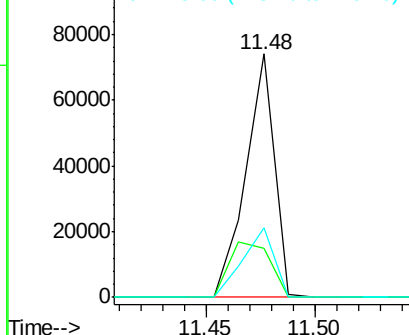
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	20.1	29.5	44.3#
249	28.5	19.5	29.3

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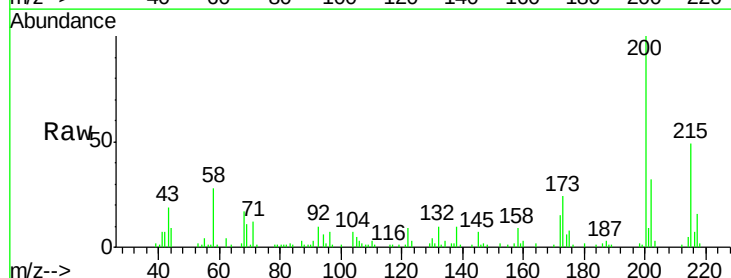


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

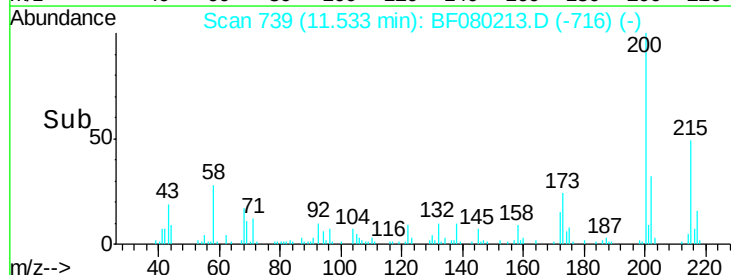
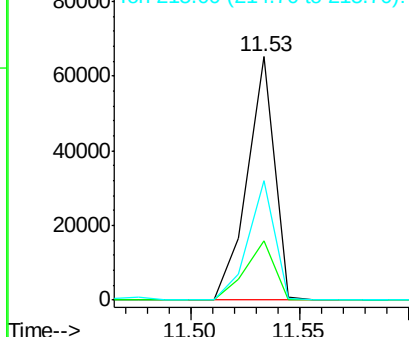


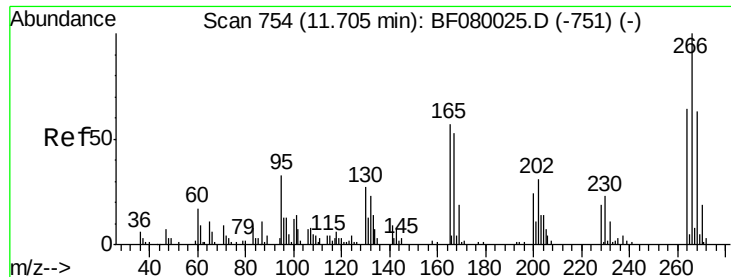
#68
Atrazine
Concen: 44.11 ng
RT: 11.53 min Scan# 739
Delta R.T. -0.03 min
Lab File: BF080213.D
Acq: 29 Jun 2015 18:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.4	13.2	53.2
215	49.1	41.8	81.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





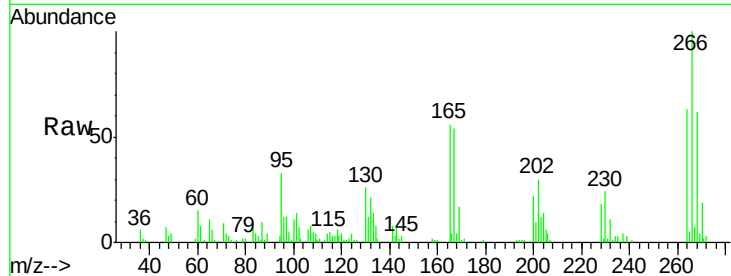
#69
 Pentachlorophenol
 Concen: 79.81 ng
 RT: 11.66 min Scan# 750
 Delta R.T. -0.03 min
 Lab File: BF080213.D
 Acq: 29 Jun 2015 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMSD

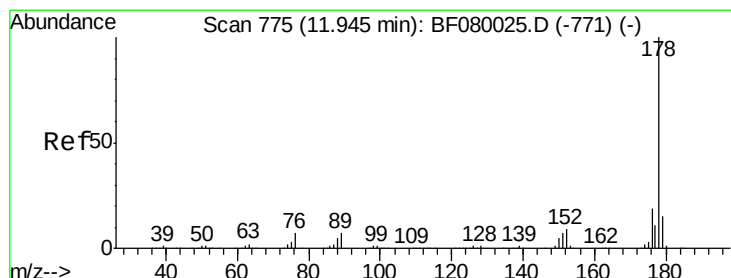
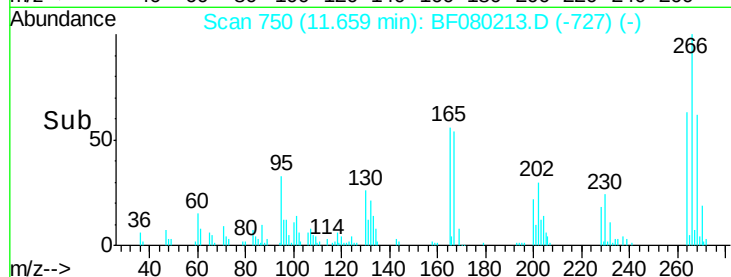
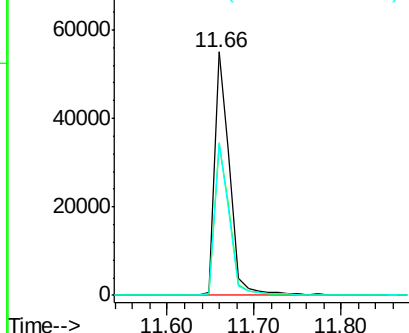
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	66817		
268	62.1	49.8	74.6	
264	62.7	50.2	75.2	

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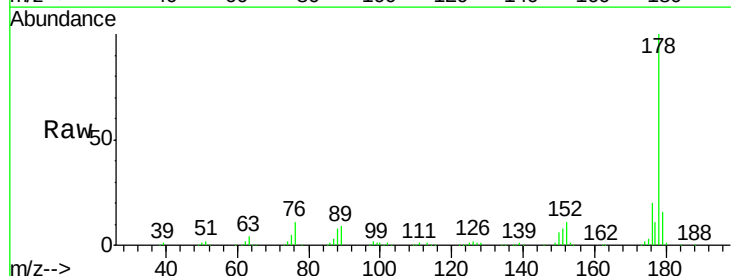


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

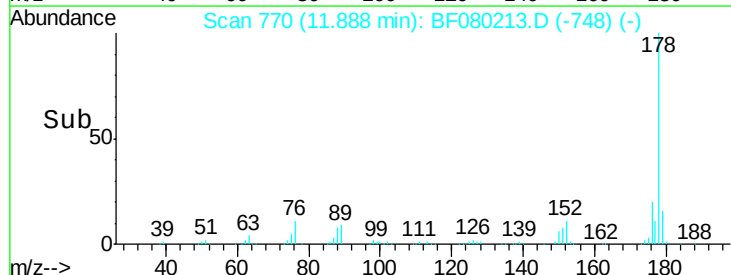
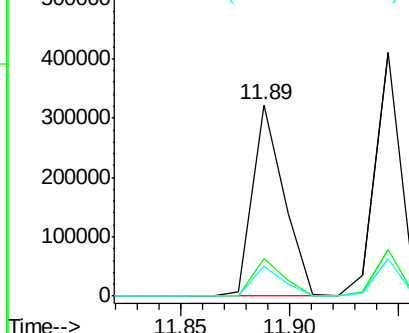


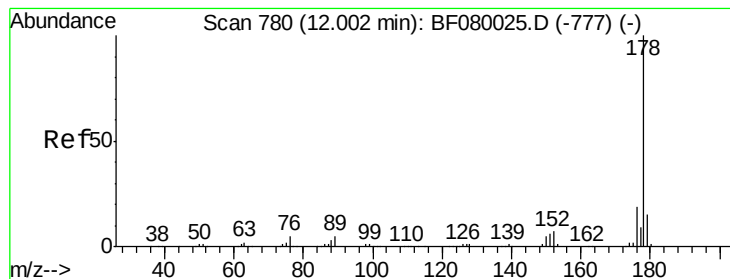
#70
 Phenanthrene
 Concen: 42.66 ng
 RT: 11.89 min Scan# 770
 Delta R.T. -0.05 min
 Lab File: BF080213.D
 Acq: 29 Jun 2015 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	322856		
176	19.8	13.8	20.8	
179	15.6	12.2	18.2	



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





#71

Anthracene

Concen: 46.45 ng

RT: 11.94 min Scan# 775

Delta R.T. -0.05 min

Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

Instrument :

BNA_F

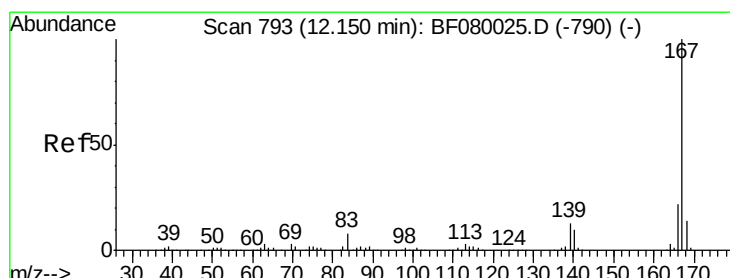
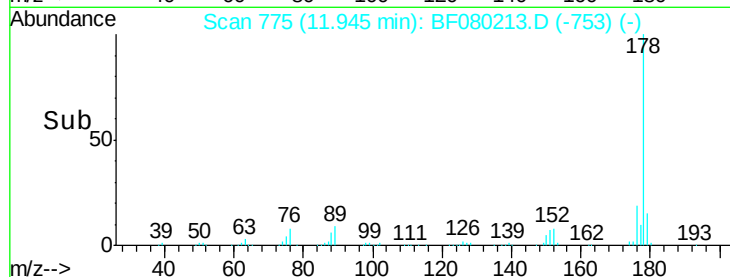
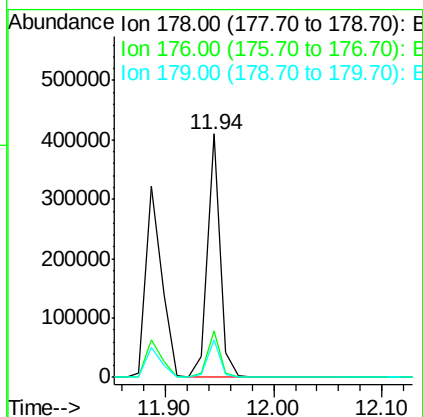
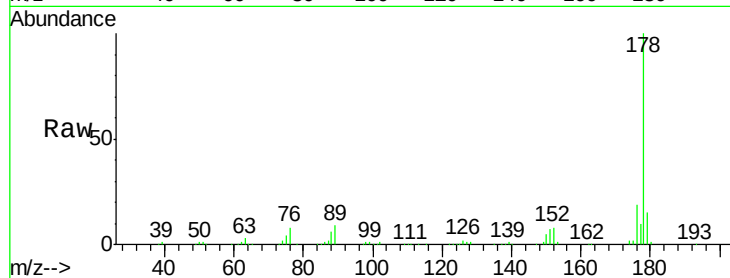
ClientSampleId :

SOIL-STOCKPILE-TMSD

Tgt Ion:	178	Resp:	338514
Ion Ratio	Lower	Upper	
178	100		
176	19.1	14.1	21.1
179	15.3	12.2	18.2

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#72

Carbazole

Concen: 42.09 ng

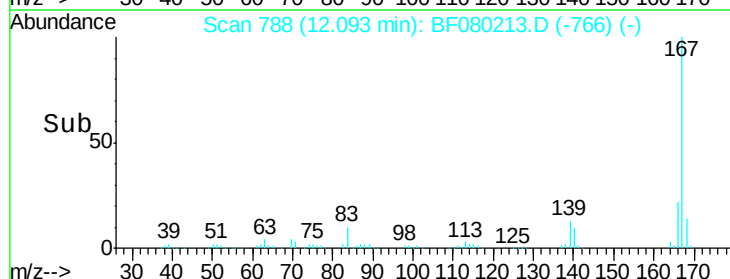
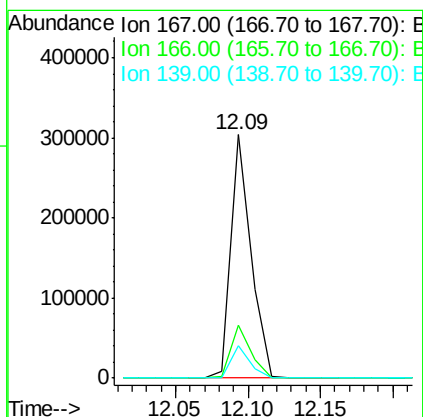
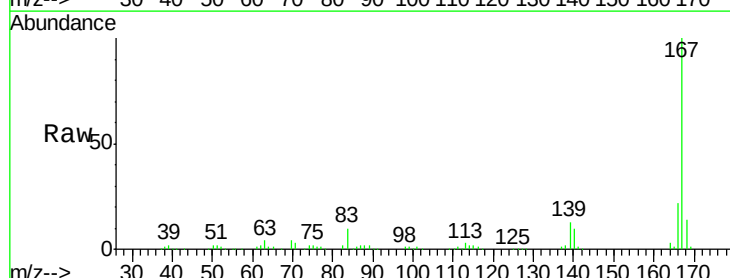
RT: 12.09 min Scan# 788

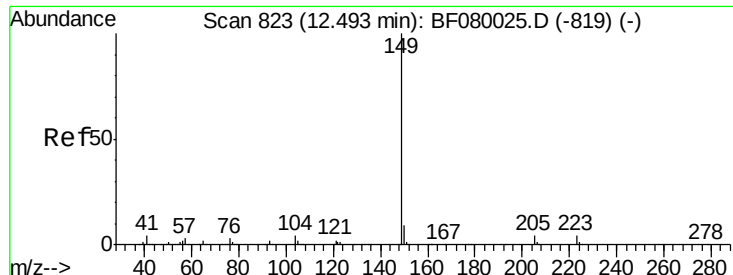
Delta R.T. -0.05 min

Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

Tgt Ion:	167	Resp:	292841
Ion Ratio	Lower	Upper	
167	100		
166	21.7	15.7	23.5
139	13.3	9.5	14.3





#73

Di-n-butylphthalate

Concen: 39.82 ng

RT: 12.42 min Scan# 817

Delta R.T. -0.06 min

Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

Instrument :

BNA_F

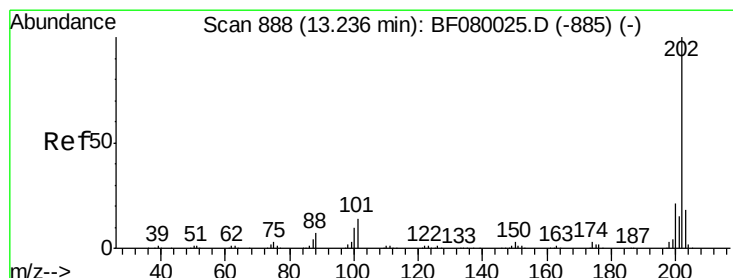
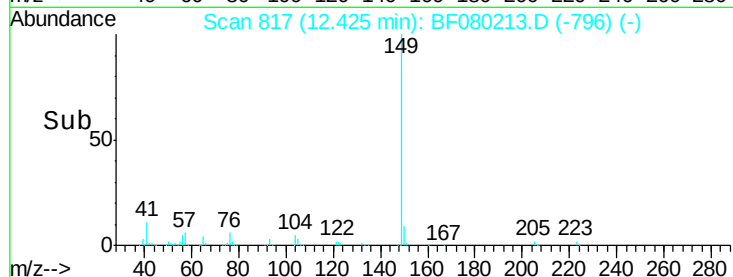
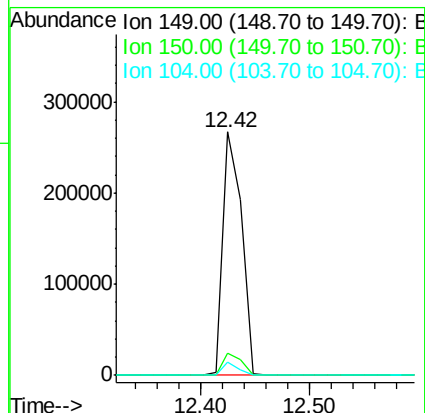
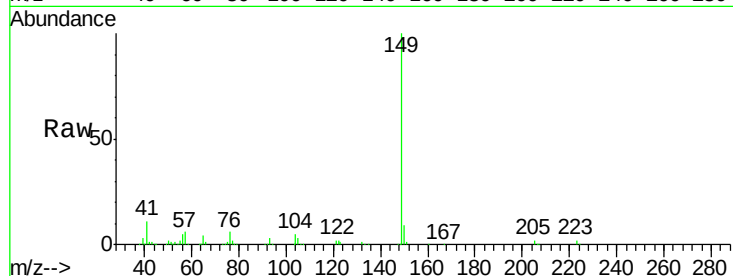
ClientSampleId :

SOIL-STOCKPILE-TMSD

Tgt Ion:	149	Resp:	320114
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.4	11.2
104	5.4	2.4	3.6#

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#74

Fluoranthene

Concen: 45.09 ng

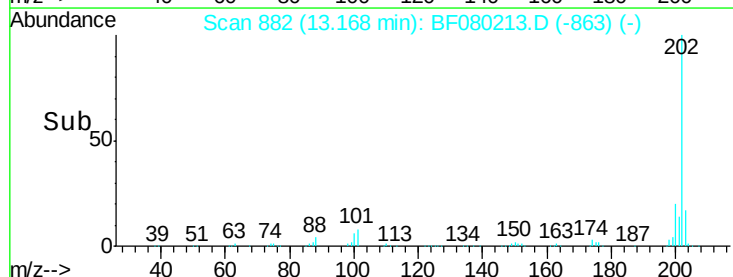
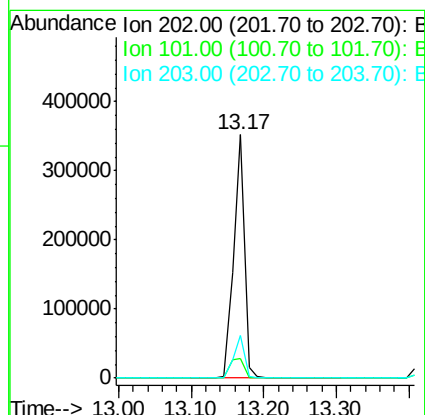
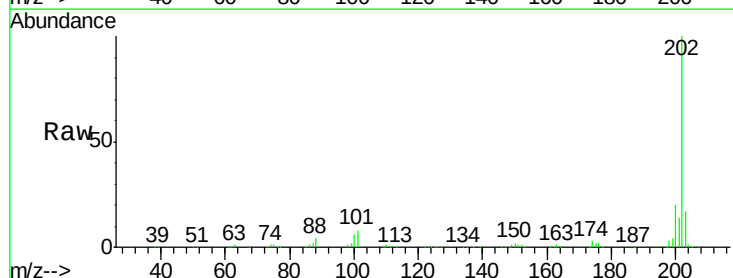
RT: 13.17 min Scan# 882

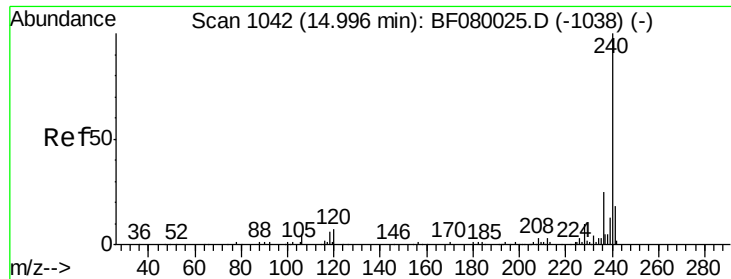
Delta R.T. -0.08 min

Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

Tgt Ion:	202	Resp:	363473
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	38.3
203	17.4	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.87 min Scan# 1031

Delta R.T. -0.13 min

Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

Instrument :

BNA_F

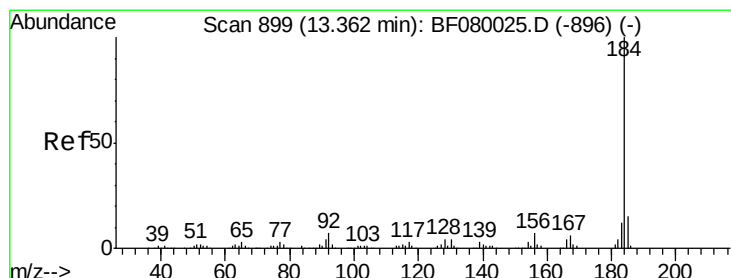
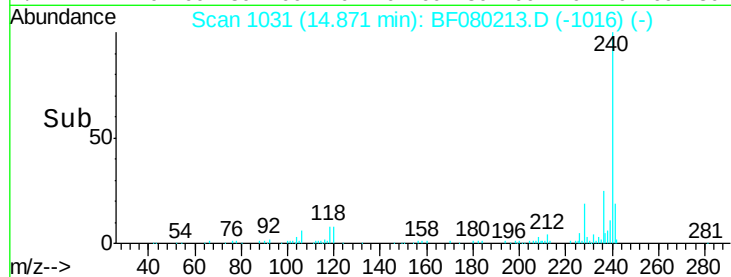
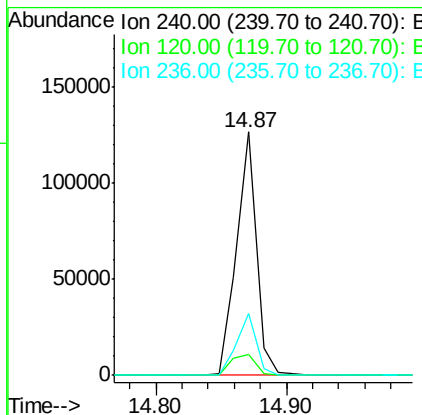
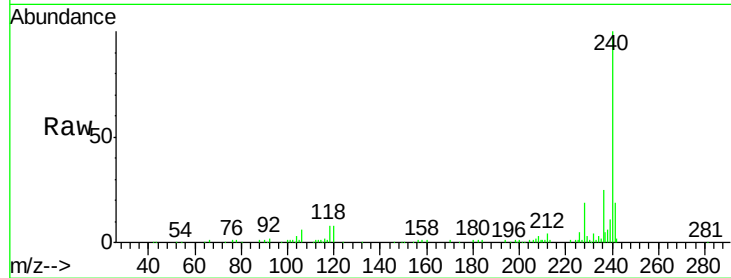
ClientSampleId :

SOIL-STOCKPILE-TMSD

Tgt Ion:	240	Resp:	133958
Ion Ratio		Lower	Upper
240	100		
120	8.4	16.2	24.2#
236	25.4	18.4	27.6

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#76

Benzidine

Concen: 50.42 ng

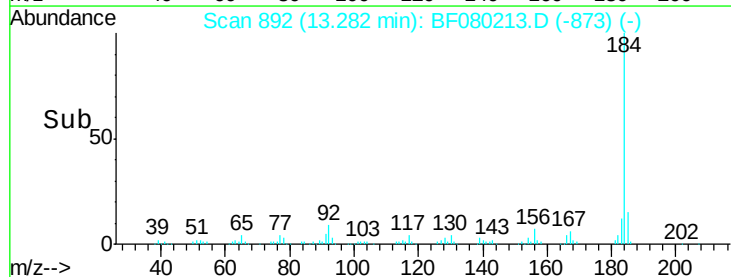
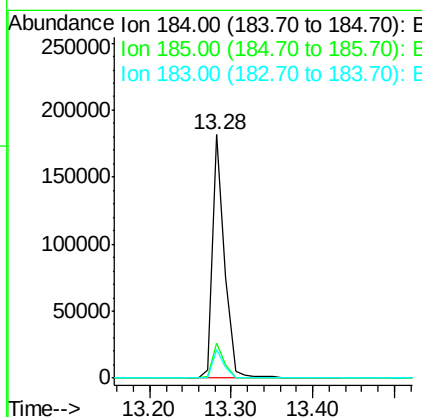
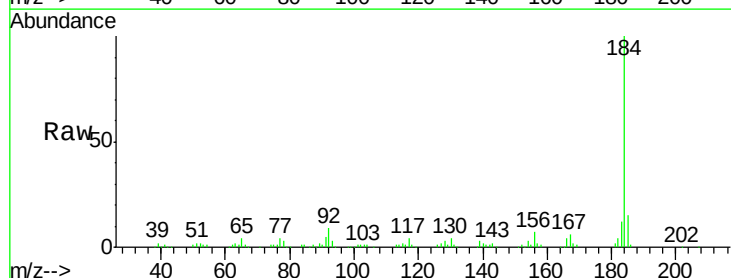
RT: 13.28 min Scan# 892

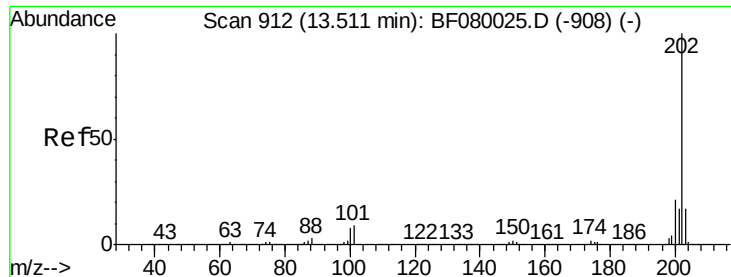
Delta R.T. -0.08 min

Lab File: BF080213.D

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Tgt Ion:	184	Resp:	188811
Ion Ratio		Lower	Upper
184	100		
185	14.6	11.8	17.6
183	11.6	7.6	11.4#





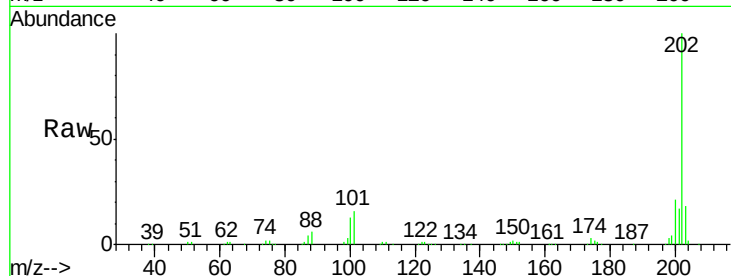
#77
Pyrene
 Concen: 45.09 ng
 RT: 13.42 min Scan# 904
 Delta R.T. -0.09 min
 Lab File: BF080213.D
 Acq: 29 Jun 2015 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMSD

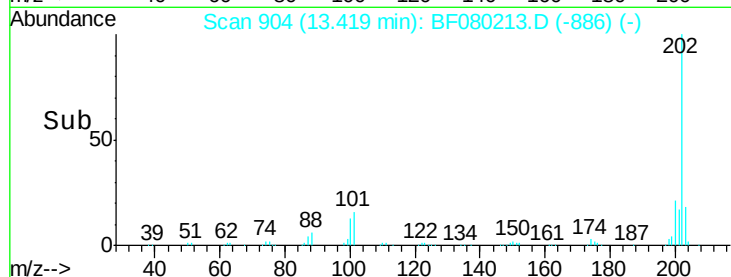
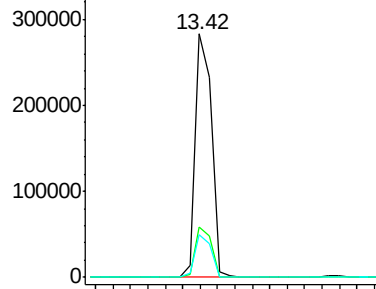
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	371897		
200	20.8	15.0	22.4	
203	17.7	14.1	21.1	

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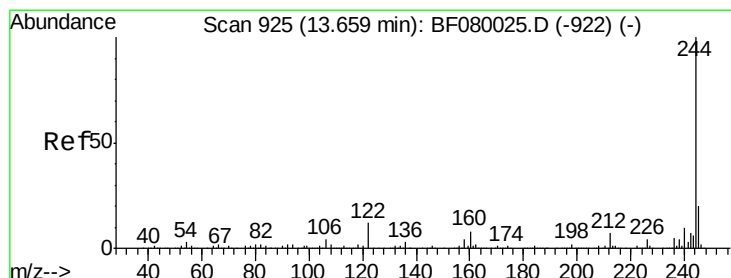
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Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

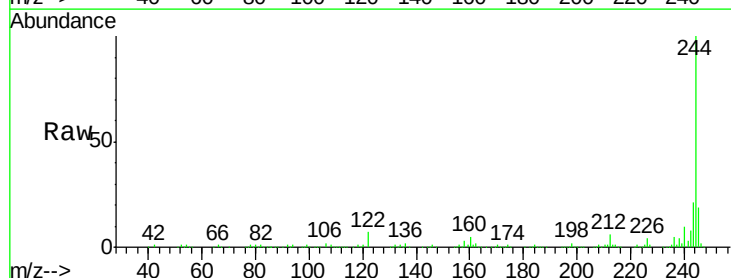


Time-->

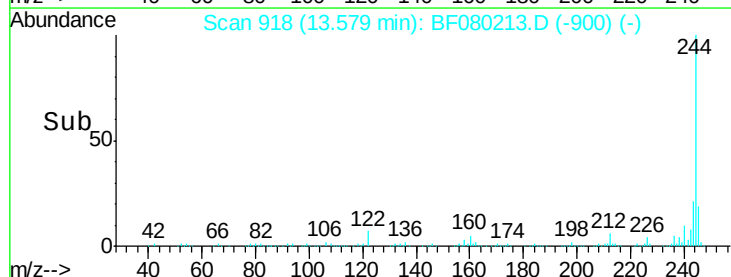
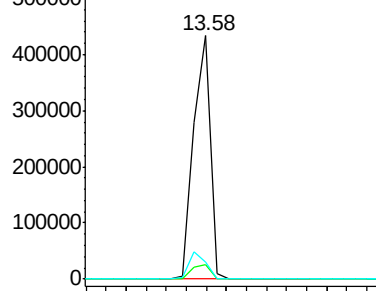


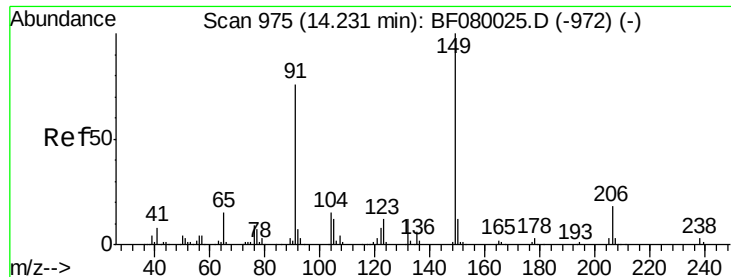
#78
Terphenyl-d14
 Concen: 87.44 ng
 RT: 13.58 min Scan# 918
 Delta R.T. -0.09 min
 Lab File: BF080213.D
 Acq: 29 Jun 2015 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	501511		
212	6.2	4.3	6.5	
122	6.7	17.4	26.2	



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





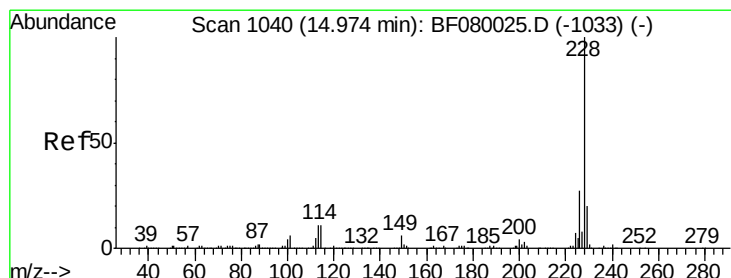
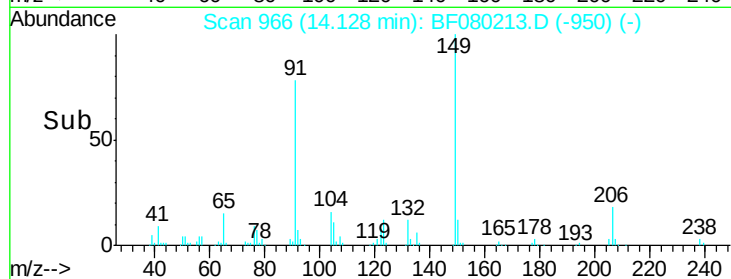
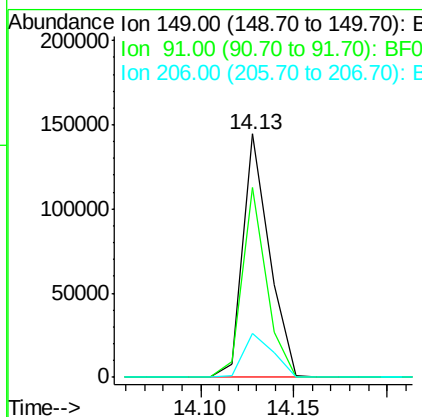
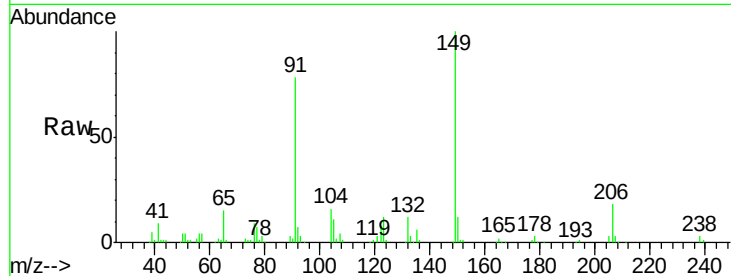
#79
Butylbenzylphthalate
Concen: 43.04 ng
RT: 14.13 min Scan# 966
Delta R.T. -0.11 min
Lab File: BF080213.D
Acq: 29 Jun 2015 18:35

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	77.8	48.6	72.8#
206	18.1	14.9	22.3

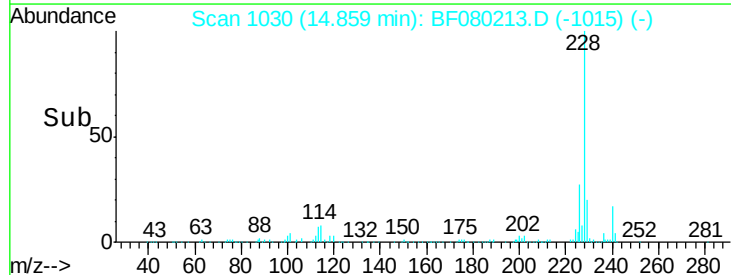
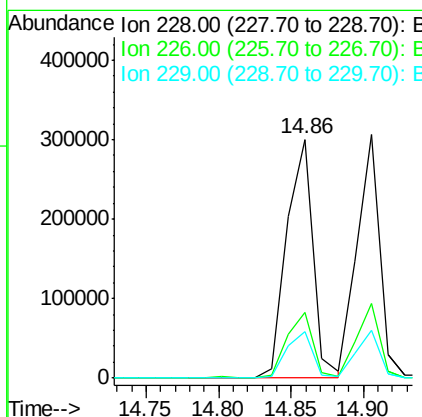
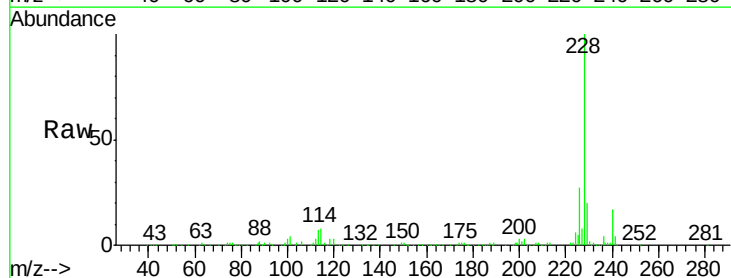
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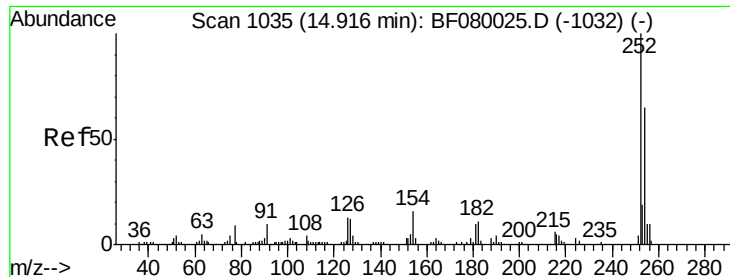
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#80
Benzo(a)anthracene
Concen: 46.14 ng
RT: 14.86 min Scan# 1030
Delta R.T. -0.13 min
Lab File: BF080213.D
Acq: 29 Jun 2015 18:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.3	20.0	30.0
229	19.6	15.4	23.2





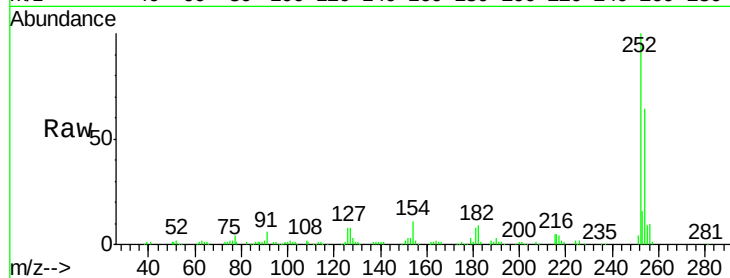
#81
 3,3'-Dichlorobenzidine
 Concen: 39.47 ng
 RT: 14.80 min Scan# 1025
 Delta R.T. -0.13 min
 Lab File: BF080213.D
 Acq: 29 Jun 2015 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMSD

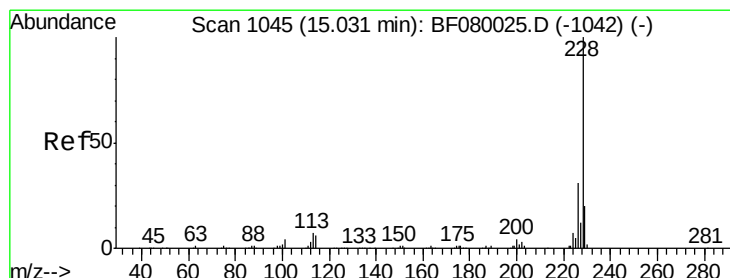
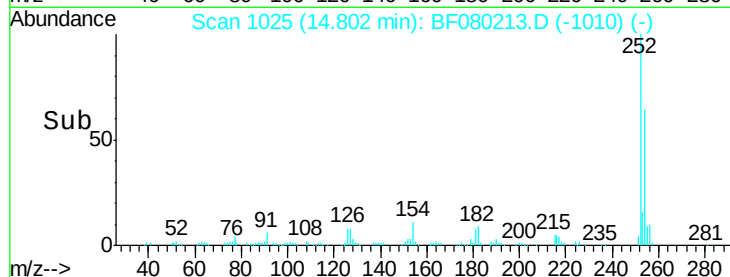
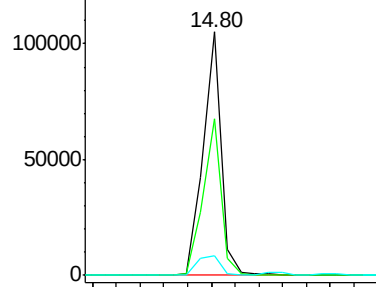
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.3	51.4	77.2
126	8.3	16.4	24.6

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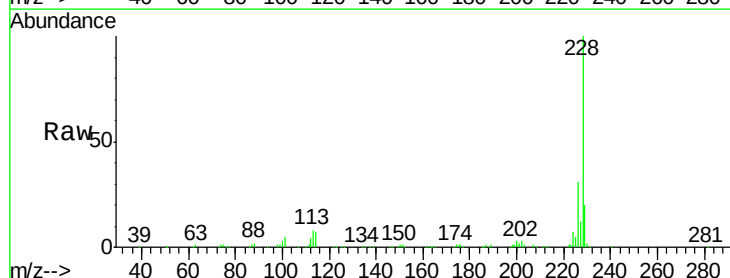


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

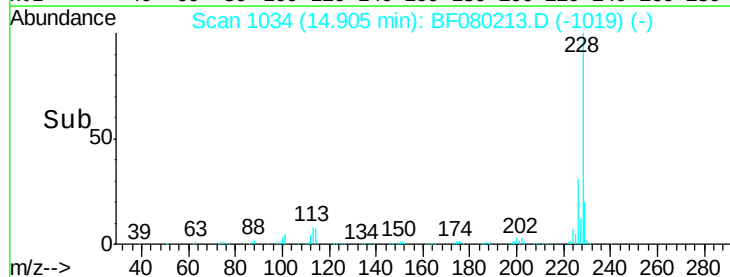
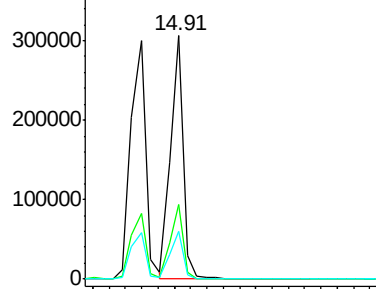


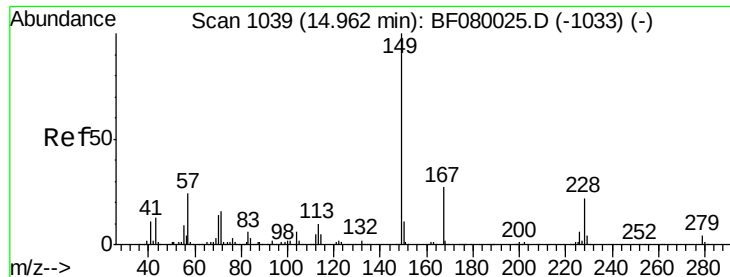
#82
 Chrysene
 Concen: 45.23 ng
 RT: 14.91 min Scan# 1034
 Delta R.T. -0.13 min
 Lab File: BF080213.D
 Acq: 29 Jun 2015 18:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.7	21.0	31.4
229	19.6	15.6	23.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





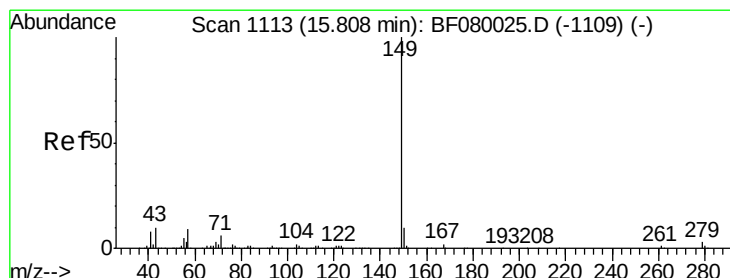
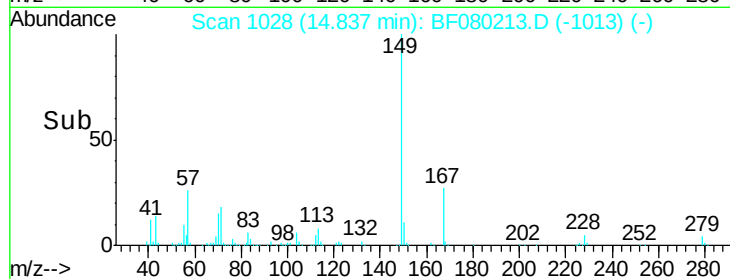
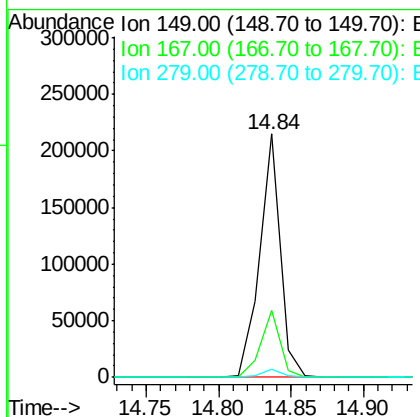
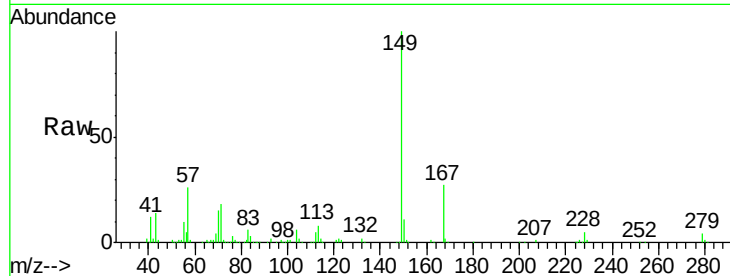
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.57 ng
 RT: 14.84 min Scan# 1028
 Delta R.T. -0.13 min
 Lab File: BF080213.D
 Acq: 29 Jun 2015 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	212389		
167	27.3	24.2	36.2	
279	3.5	3.8	5.6	

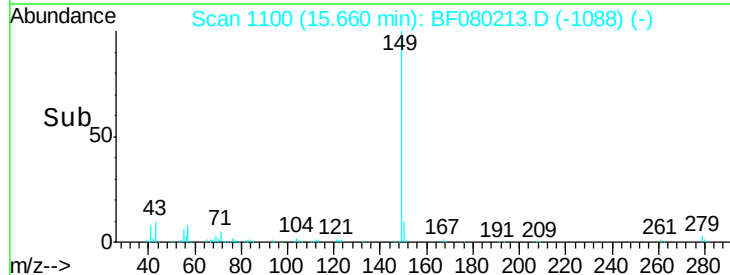
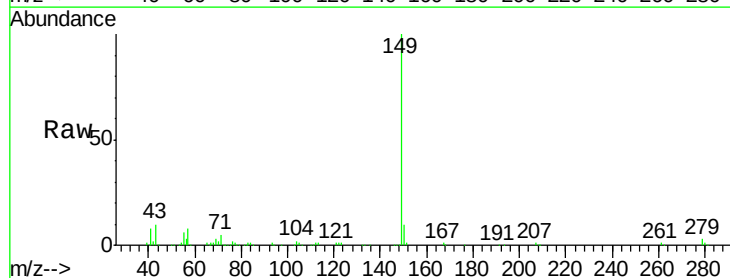
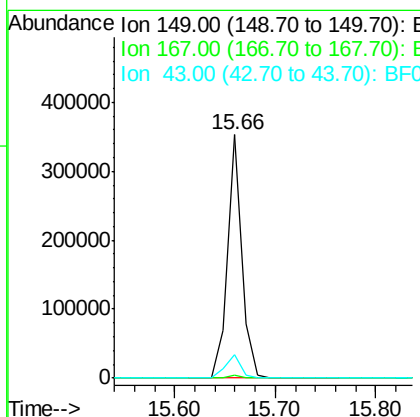
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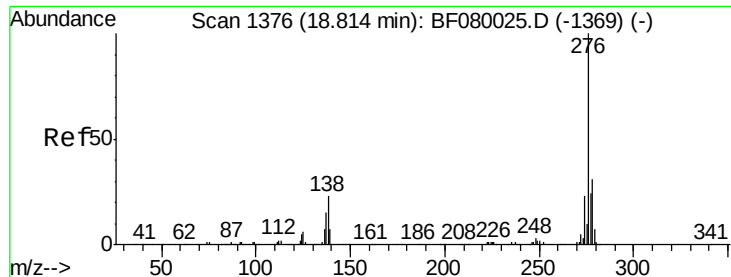
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#84
 Di-n-octyl phthalate
 Concen: 39.07 ng
 RT: 15.66 min Scan# 1100
 Delta R.T. -0.16 min
 Lab File: BF080213.D
 Acq: 29 Jun 2015 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	350458		
167	1.4	1.0	1.6	
43	10.8	10.2	15.2	





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.58 ng

RT: 18.61 min Scan# 1358

Delta R.T. -0.18 min

Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

Instrument :

BNA_F

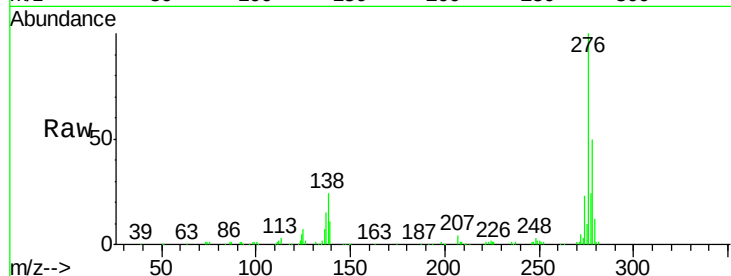
ClientSampleId :

SOIL-STOCKPILE-TMSD

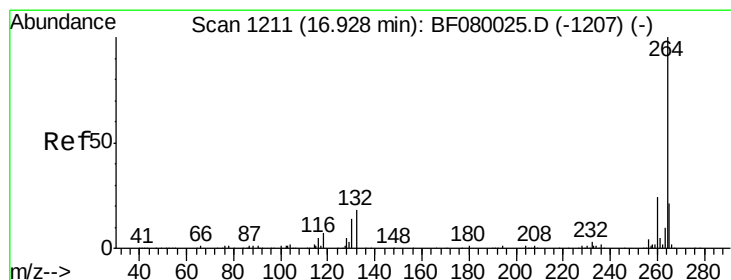
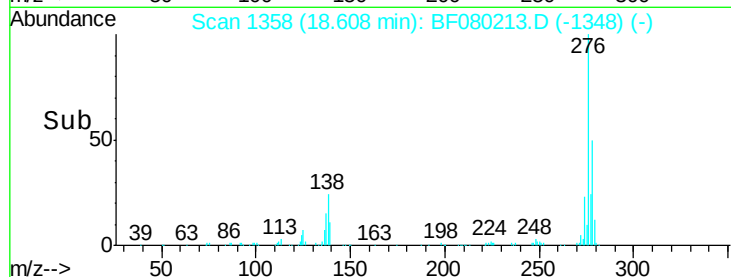
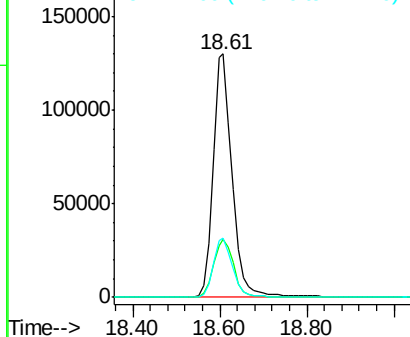
Tgt Ion:	276	Resp:	404041
Ion Ratio		Lower	Upper
276	100		
138	25.5	25.7	38.5#
277	24.6	15.6	23.4#

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

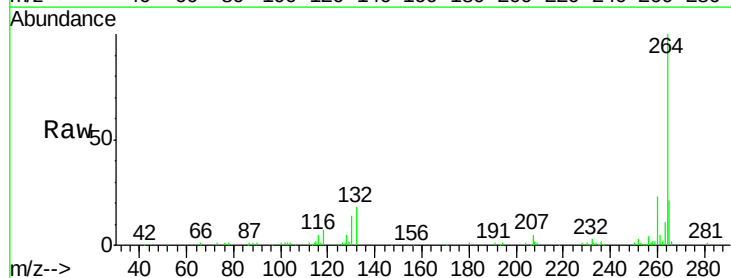
RT: 16.76 min Scan# 1196

Delta R.T. -0.17 min

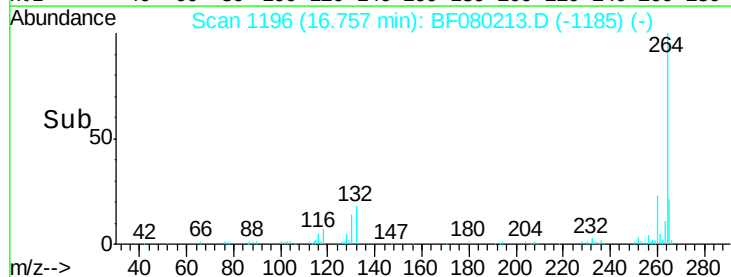
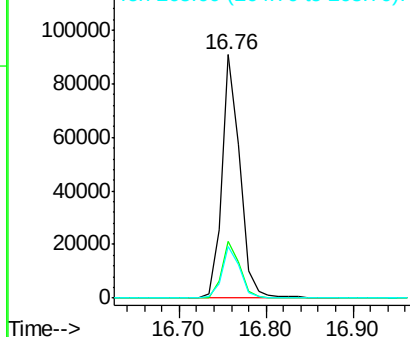
Lab File: BF080213.D

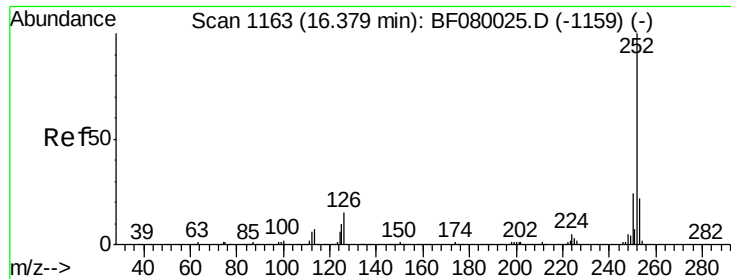
Acq: 29 Jun 2015 18:35

Tgt Ion:	264	Resp:	131547
Ion Ratio		Lower	Upper
264	100		
260	23.1	16.7	25.1
265	21.4	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.29 ng

RT: 16.22 min Scan# 1149

Delta R.T. -0.17 min

Lab File: BF080213.D

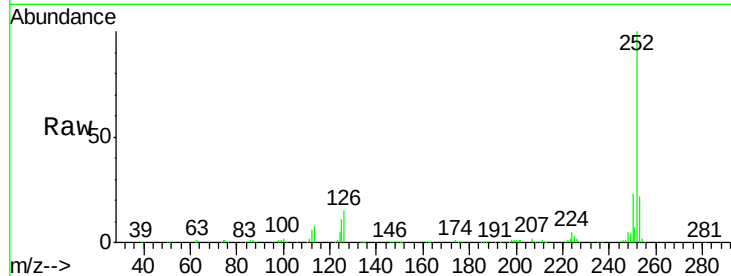
Acq: 29 Jun 2015 18:35

Instrument :

BNA_F

ClientSampleId :

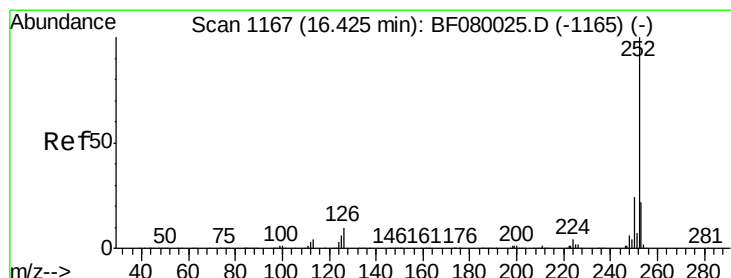
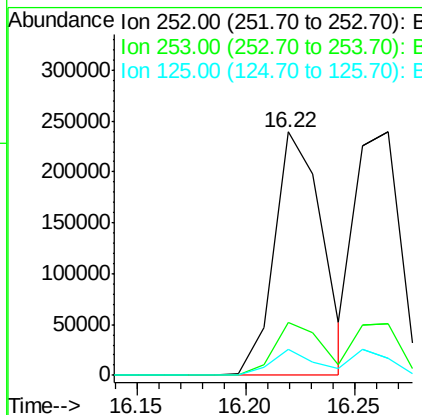
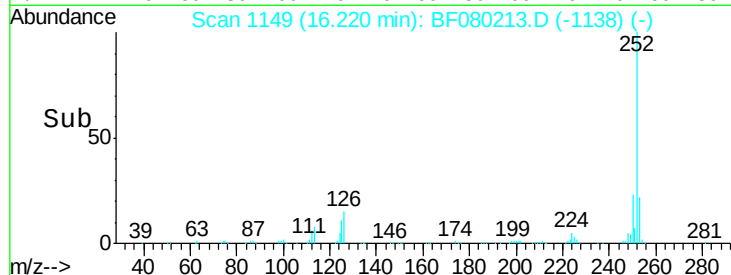
SOIL-STOCKPILE-TMSD



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.9	17.1	25.7#

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#88

Benzo(k)fluoranthene

Concen: 44.45 ng

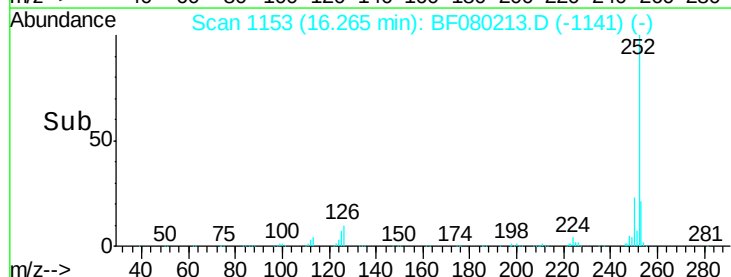
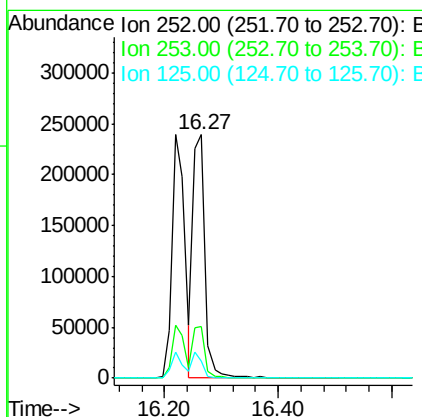
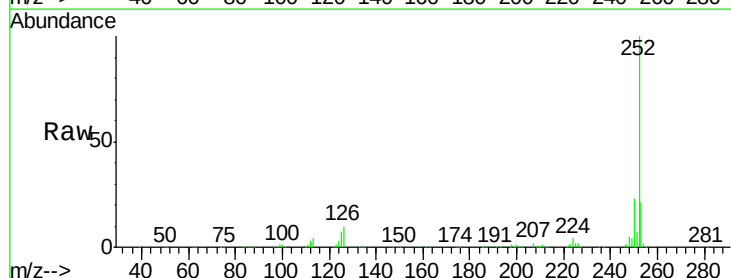
RT: 16.27 min Scan# 1153

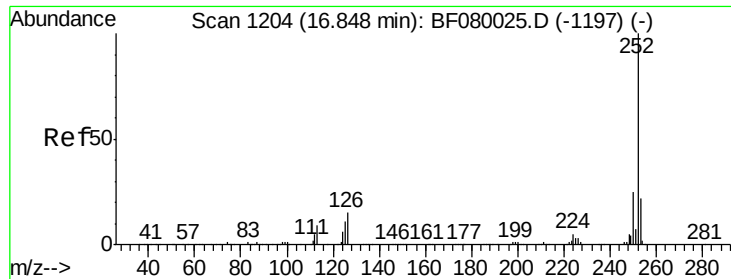
Delta R.T. -0.16 min

Lab File: BF080213.D

Acq: 29 Jun 2015 18:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.0	25.4
125	6.8	16.0	24.0#





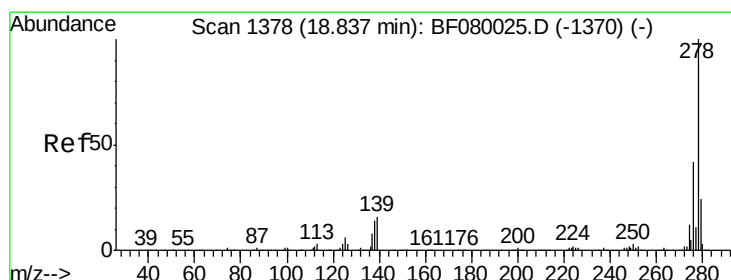
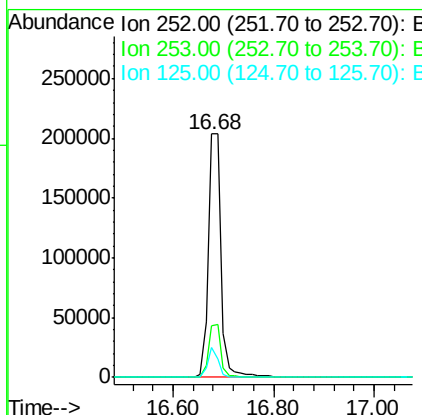
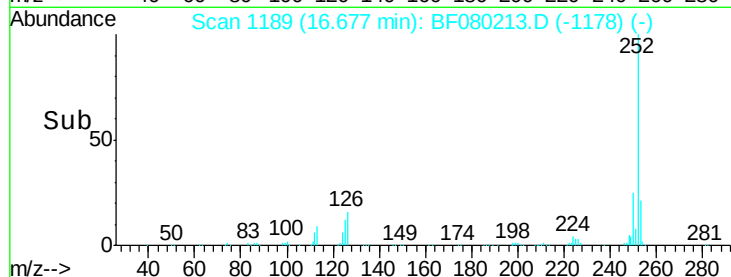
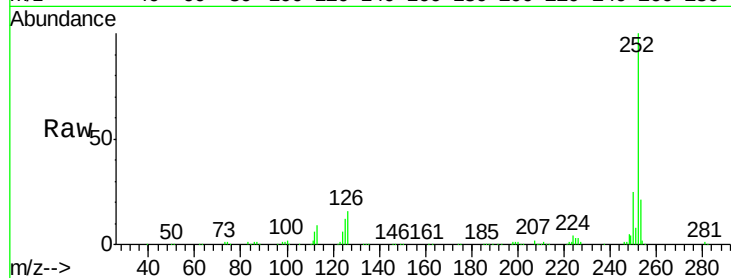
#89
Benzo(a)pyrene
Concen: 47.44 ng
RT: 16.68 min Scan# 1189
Delta R.T. -0.17 min
Lab File: BF080213.D
Acq: 29 Jun 2015 18:35

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMSD

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.3	17.2	25.8
125	12.0	18.0	27.0#

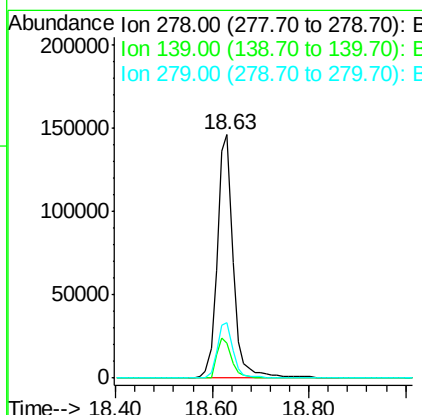
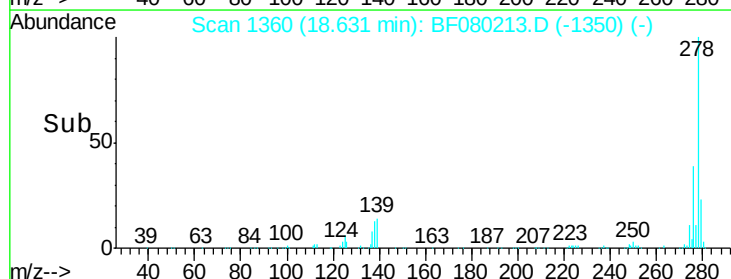
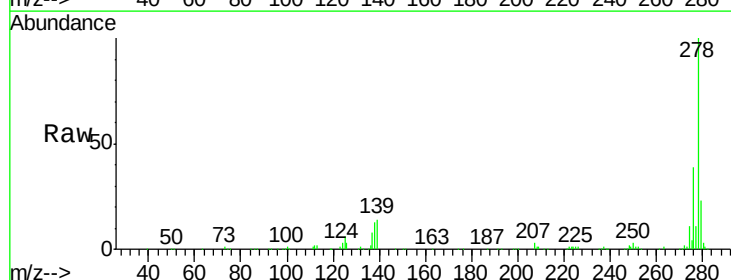
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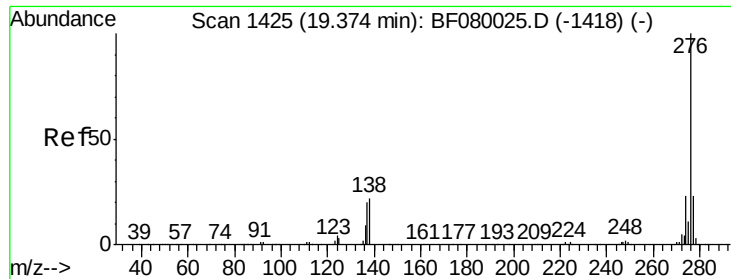
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#90
Dibenzo(a,h)anthracene
Concen: 44.01 ng
RT: 18.63 min Scan# 1360
Delta R.T. -0.18 min
Lab File: BF080213.D
Acq: 29 Jun 2015 18:35

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	14.5	26.3	39.5#
279	23.0	18.2	27.4





#91
 Benzo(g,h,i)perylene
 Concen: 44.07 ng
 RT: 19.16 min Scan# 1406
 Delta R.T. -0.19 min
 Lab File: BF080213.D
 Acq: 29 Jun 2015 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.8	17.8	26.6
138	21.1	34.6	51.8

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