

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091517\
 Data File : BF098590.D
 Acq On : 16 Sep 2017 1:15
 Operator : SJ/JU
 Sample : I5205-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMS

Quant Time: Sep 16 04:21:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	117207	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	527673	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	231937	20.00	ng	-0.02
63) Phenanthrene-d10	11.17	188	376542	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	224011	20.00	ng	-0.01
86) Perylene-d12	15.21	264	236268	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	908456	114.60	ng	-0.01
7) Phenol-d6	6.31	99	1112236	110.51	ng	-0.01
23) Nitrobenzene-d5	7.22	82	695235	73.45	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	201470	130.15	ng	-0.02
44) 2-Fluorobiphenyl	9.01	172	1066225	77.92	ng	-0.02
78) Terphenyl-d14	12.75	244	583109	56.19	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	118879	29.055	ng	89
3) Pyridine	3.00	79	149899	13.795	ng	# 80
4) n-Nitrosodimethylamine	2.95	42	165162	31.004	ng	89
6) Aniline	6.31	93	247036	19.564	ng	# 47
8) 2-Chlorophenol	6.44	128	327195	37.535	ng	97
9) Benzaldehyde	6.19	77	180787	27.477	ng	92
10) Phenol	6.32	94	443856	37.966	ng	87
11) bis(2-Chloroethyl)ether	6.39	93	317427	36.012	ng	93
12) 1,3-Dichlorobenzene	6.59	146	324662	37.003	ng	99
13) 1,4-Dichlorobenzene	6.66	146	350634	39.015	ng	96
14) 1,2-Dichlorobenzene	6.82	146	310219	37.888	ng	99
15) Benzyl Alcohol	6.80	79	280127	41.819	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.93	45	472141	32.555	ng	# 17
17) 2-Methylphenol	6.93	107	269500	37.914	ng	# 84
18) Hexachloroethane	7.15	117	111266	32.328	ng	# 87
19) n-Nitroso-di-n-propylamine	7.07	70	251772	39.768	ng	98
20) 3+4-Methylphenols	7.08	107	367828	41.006	ng	# 61
22) Acetophenone	7.06	105	476227	34.919	ng	# 91
24) Nitrobenzene	7.24	77	350760	32.534	ng	94
25) Isophorone	7.48	82	634579	33.137	ng	96
26) 2-Nitrophenol	7.55	139	177224	40.713	ng	# 80
27) 2,4-Dimethylphenol	7.60	122	306021	36.878	ng	95
28) bis(2-Chloroethoxy)methane	7.69	93	418864	35.845	ng	99
29) 2,4-Dichlorophenol	7.80	162	294637	42.692	ng	96
30) 1,2,4-Trichlorobenzene	7.87	180	307558	40.967	ng	100
31) Naphthalene	7.95	128	1026628	39.356	ng	100
32) Benzoic acid	7.75	122	116368	25.403	ng	99
33) 4-Chloroaniline	8.02	127	302546	28.538	ng	98
34) Hexachlorobutadiene	8.07	225	156337	40.564	ng	97
35) Caprolactam	8.39	113	12334	5.183	ng	# 1
36) 4-Chloro-3-methylphenol	8.51	107	321086	37.514	ng	87
37) 2-Methylnaphthalene	8.65	142	659455	41.735	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	281618	38.980	ng	97
40) Hexachlorocyclopentadiene	8.79	237	19702	17.999	ng	99

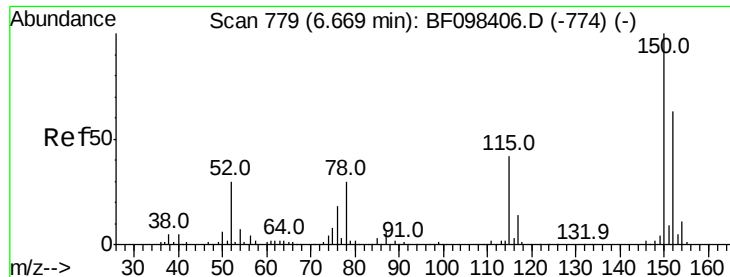
Data Path : Z:\HPCHEM1\BNA F\DATA\BF091517\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	184423	43.459	nq	91
43) 2,4,5-Trichlorophenol	8.98	196	189633	42.753	nq	94
45) 1,1'-Biphenyl	9.11	154	780831	37.613	nq	98
46) 2-Chloronaphthalene	9.13	162	588059	39.664	nq	94
47) 2-Nitroaniline	9.24	65	219405	38.556	nq	97
48) Acenaphthylene	9.55	152	840777	38.140	nq	99
49) Dimethylphthalate	9.42	163	882038	49.128	nq	100
50) 2,6-Dinitrotoluene	9.49	165	152374	41.317	nq	95
51) Acenaphthene	9.72	154	533258	38.055	nq	98
52) 3-Nitroaniline	9.65	138	147023	33.025	nq	98
53) 2,4-Dinitrophenol	9.77	184	23203	20.417	nq	91
54) Dibenzofuran	9.89	168	751482	40.708	nq	99
55) 4-Nitrophenol	9.84	139	173140	67.694	nq	# 46
56) 2,4-Dinitrotoluene	9.89	165	185780	41.436	nq	# 63
57) Fluorene	10.23	166	581813	38.078	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.02	232	133387	44.747	nq	97
59) Diethylphthalate	10.12	149	664413	38.912	nq	98
60) 4-Chlorophenyl-phenylether	10.22	204	287051	40.673	nq	91
61) 4-Nitroaniline	10.27	138	135872	30.222	nq	87
62) Azobenzene	10.39	77	623141	33.861	nq	95
64) 4,6-Dinitro-2-methylphenol	10.30	198	25141	14.724	nq	# 81
65) n-Nitrosodiphenylamine	10.35	169	545078	44.582	nq	99
66) 4-Bromophenyl-phenylether	10.72	248	151614	42.425	nq	92
67) Hexachlorobenzene	10.78	284	143789	39.666	nq	# 89
68) Atrazine	10.89	200	150922	40.096	nq	98
69) Pentachlorophenol	10.99	266	116814	73.423	nq	97
70) Phenanthrene	11.19	178	823974	41.278	nq	98
71) Anthracene	11.25	178	805693	39.312	nq	98
72) Carbazole	11.40	167	712913	37.325	nq	99
73) Di-n-butylphthalate	11.73	149	895758	39.142	nq	99
74) Fluoranthene	12.38	202	683661	34.212	nq	96
77) Pyrene	12.60	202	687317	38.894	nq	99
79) Butylbenzylphthalate	13.23	149	294851	38.461	nq	# 82
80) Benzo(a)anthracene	13.80	228	544344	41.447	nq	99
81) 3,3'-Dichlorobenzidine	13.76	252	127136	24.909	nq	# 94
82) Chrysene	13.83	228	528954	39.844	nq	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	397583	41.323	nq	# 99
84) Di-n-octyl phthalate	14.40	149	701347	42.486	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.57	276	507091	54.444	nq	94
87) Benzo(b)fluoranthene	14.82	252	553261	37.242	nq	98
88) Benzo(k)fluoranthene	14.84	252	493368	35.574	nq	# 95
89) Benzo(a)pyrene	15.15	252	518445	39.172	nq	99
90) Dibenzo(a,h)anthracene	16.57	278	426070	44.255	nq	98
91) Benzo(g,h,i)perylene	16.97	276	401083	41.419	nq	93

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

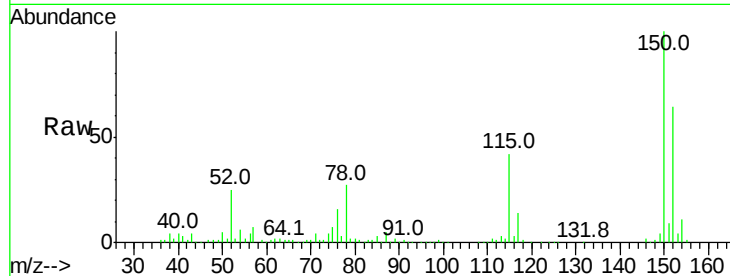


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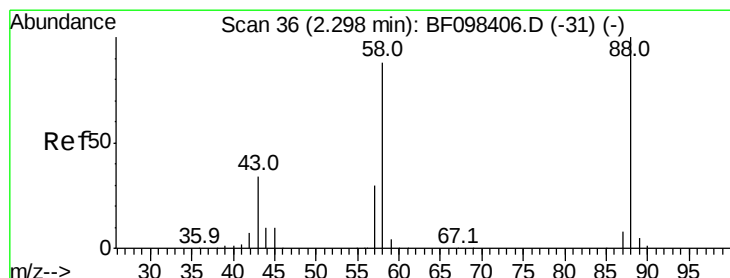
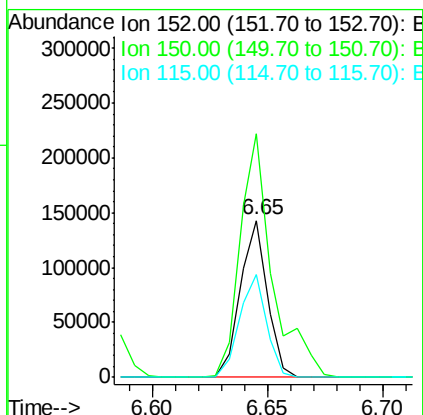
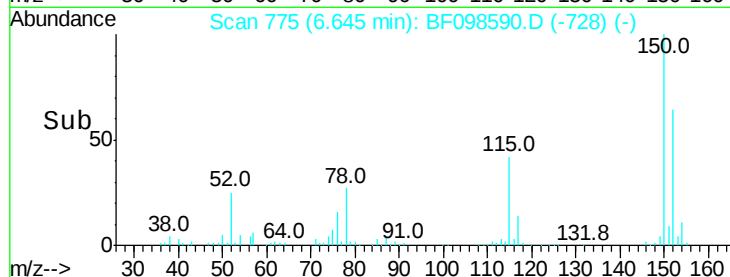
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMS

Tot Ion:152 Resp: 117207
 Ion Ratio Lower Upper
 152 100
 150 155.5 126.2 189.2
 115 65.4 52.2 78.2



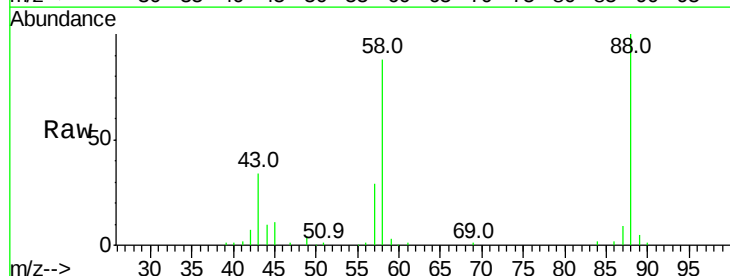
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



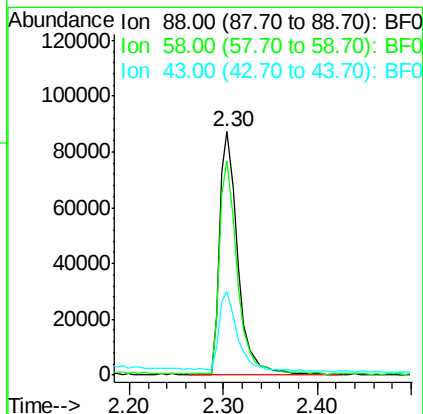
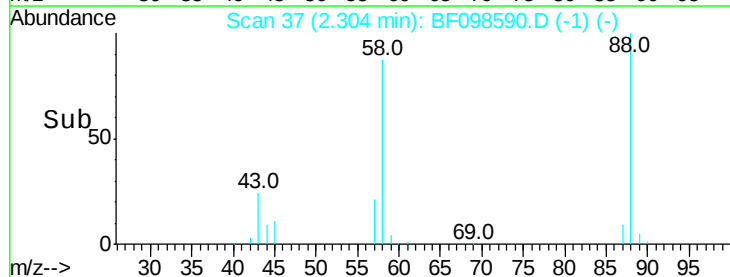
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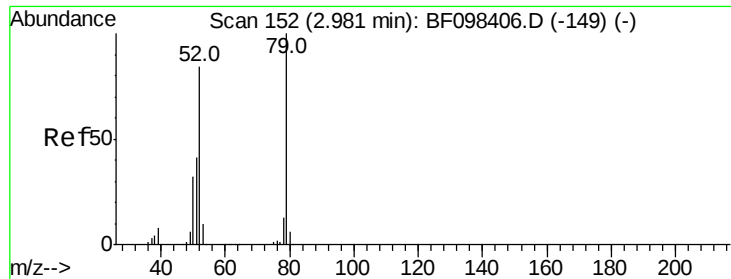
1,4-Dioxane
 Concen: 29.055 ng
 RT: 2.30 min Scan# 37
 Delta R.T. 0.01 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Tgt Ion: 88 Resp: 118879
 Ion Ratio Lower Upper
 88 100
 58 88.4 61.4 92.0
 43 31.0 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 13.795 ng

RT: 3.00 min Scan# 156

Delta R.T. 0.02 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-INSIDEMS

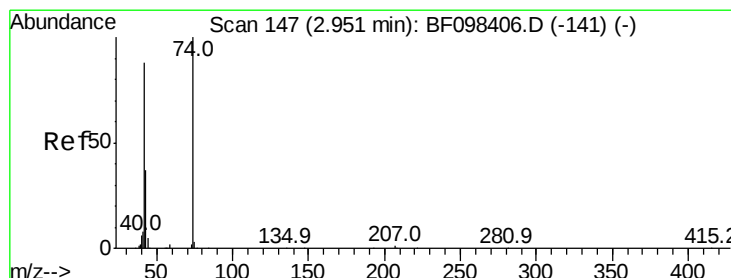
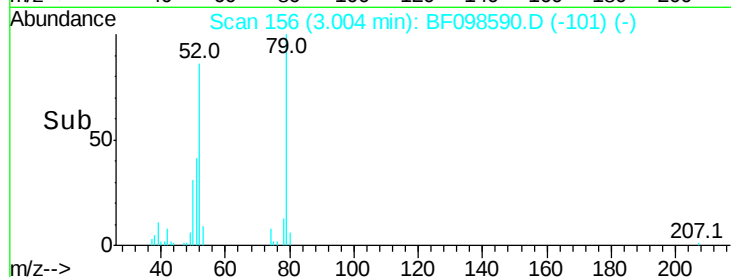
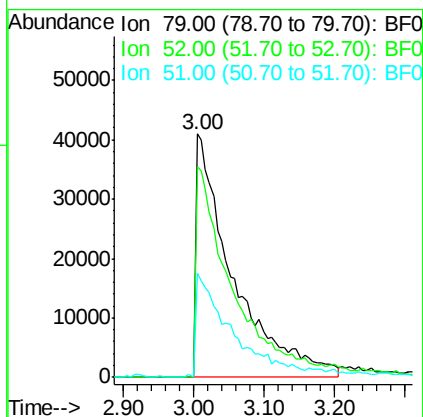
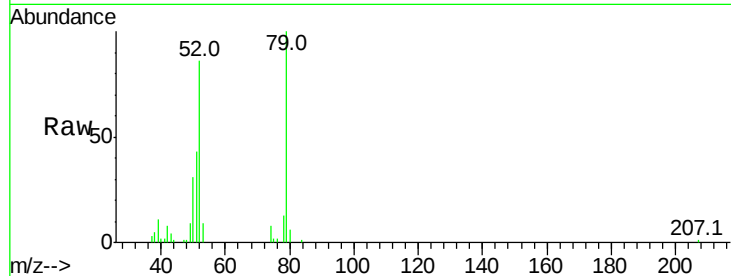
Tot Ion: 79 Resp: 149899

Ion Ratio Lower Upper

79 100

52 86.4 54.8 82.2#

51 42.8 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 31.004 ng

RT: 2.95 min Scan# 146

Delta R.T. -0.01 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

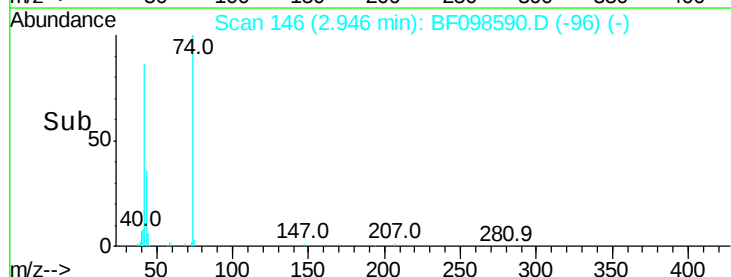
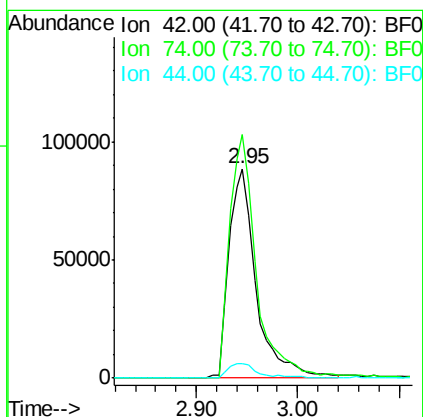
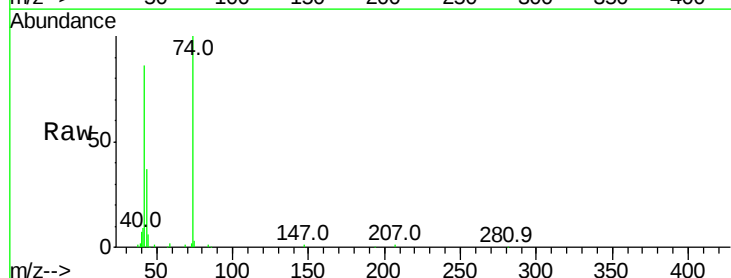
Tgt Ion: 42 Resp: 165162

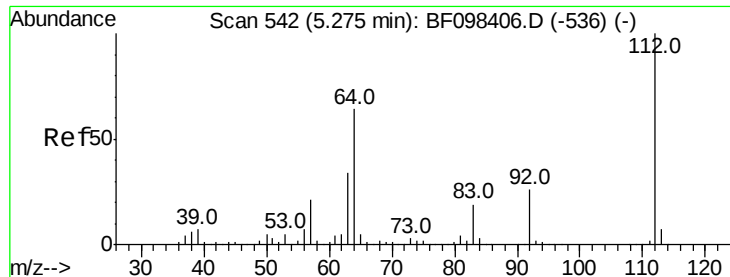
Ion Ratio Lower Upper

42 100

74 116.3 103.9 155.9

44 7.1 5.7 8.5





#5

2-Fluorophenol

Concen: 114.598 ng

RT: 5.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

Instrument :

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ClientSampleId :

SOIL-STOCKPILE-INSIDEMS

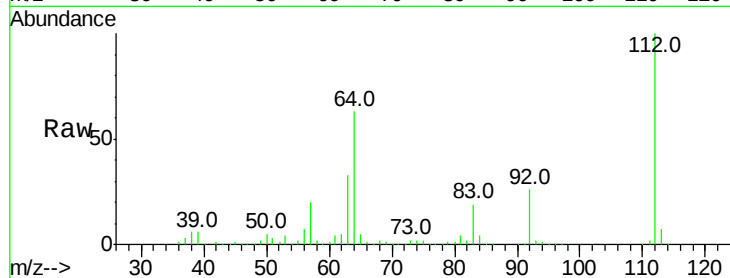
Tot Ion:112 Resp: 908456

Ion Ratio Lower Upper

112 100

64 62.6 46.0 69.0

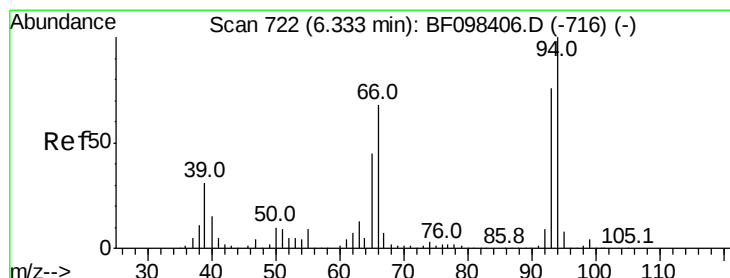
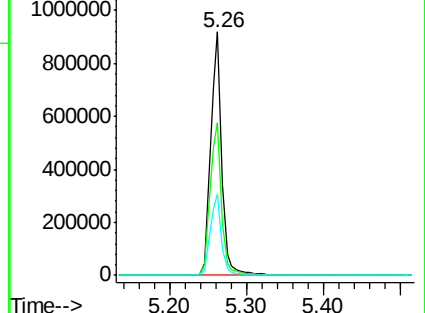
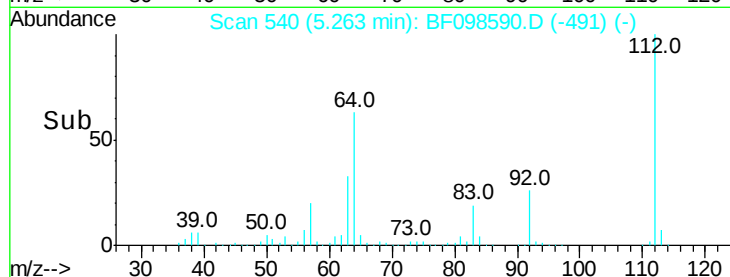
63 33.2 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.564 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

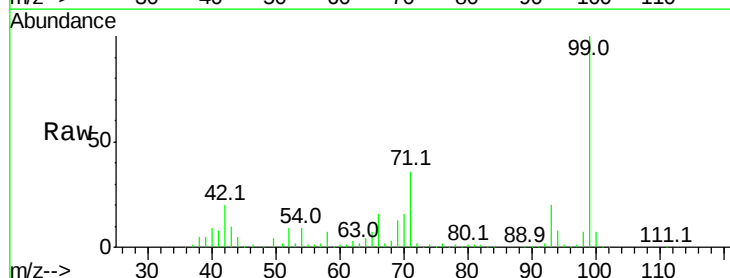
Tgt Ion: 93 Resp: 247036

Ion Ratio Lower Upper

93 100

66 80.7 32.9 49.3#

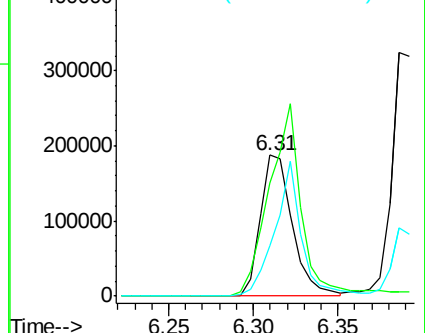
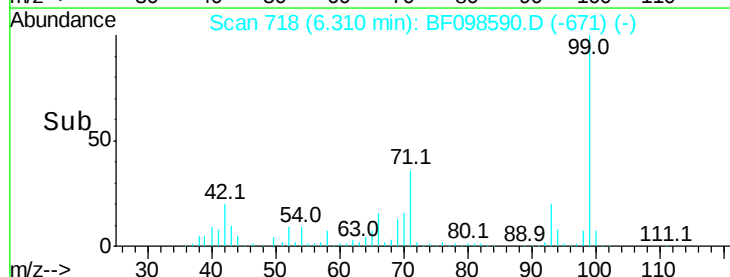
65 35.3 16.0 24.0#

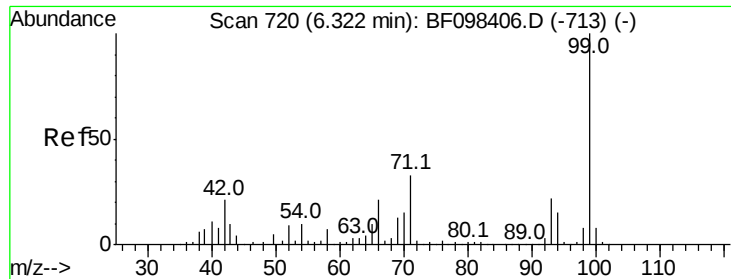


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 110.505 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

Instrument :

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ClientSampleId :

SOIL-STOCKPILE-INSIDEMS

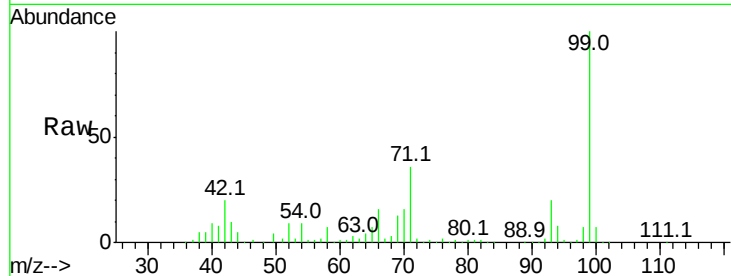
Tot Ion: 99 Resp: 1112236

Ion	Ratio	Lower	Upper
99	100		
42	20.0	13.5	20.3
71	36.1	24.5	36.7

99 100

42 20.0 13.5 20.3

71 36.1 24.5 36.7

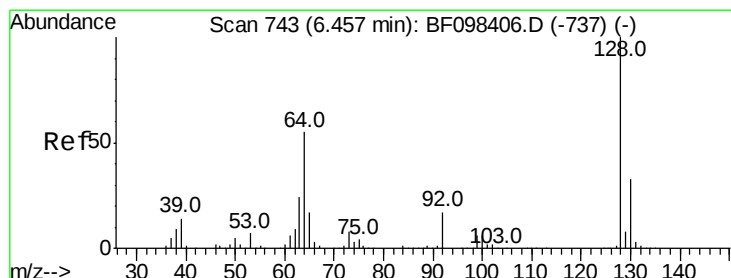
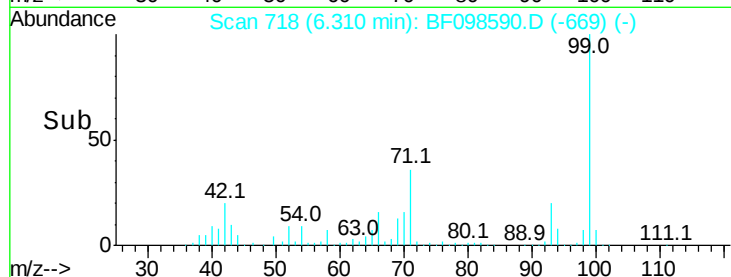
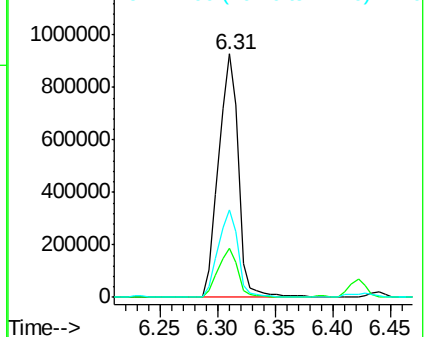


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.535 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

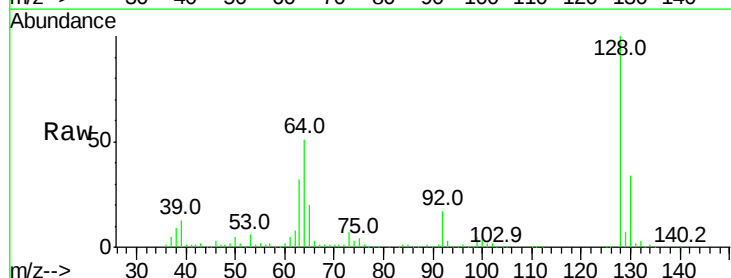
Tgt Ion: 128 Resp: 327195

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.9	52.9
64	51.4	28.4	68.4

128 100

130 33.5 12.9 52.9

64 51.4 28.4 68.4

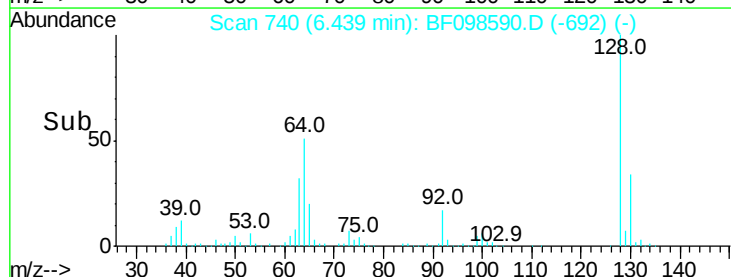
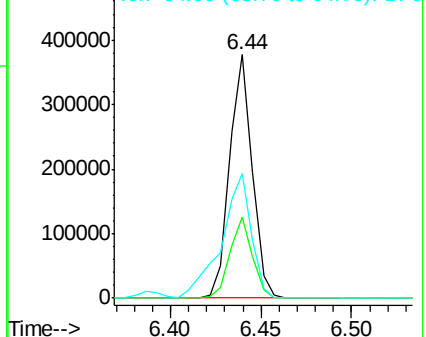


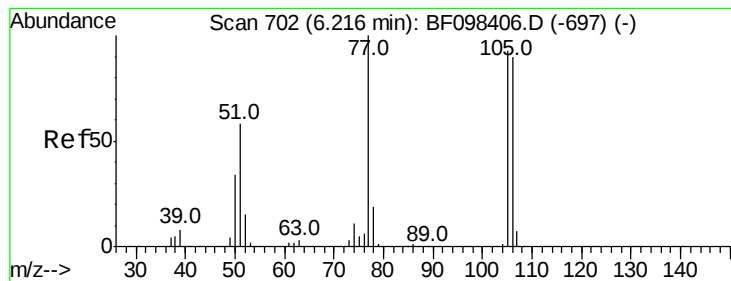
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 27.477 ng

RT: 6.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-INSIDEMS

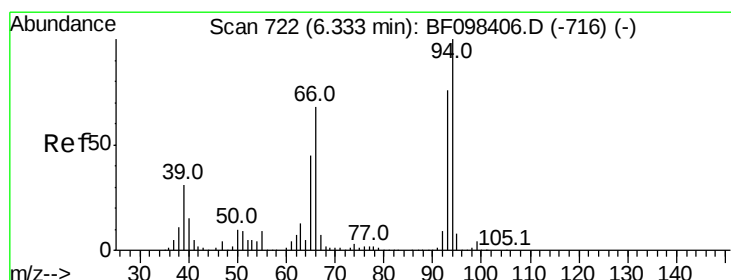
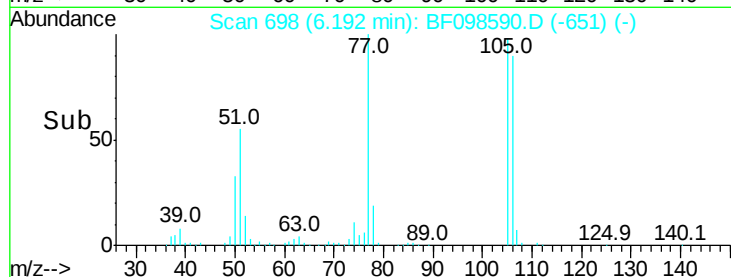
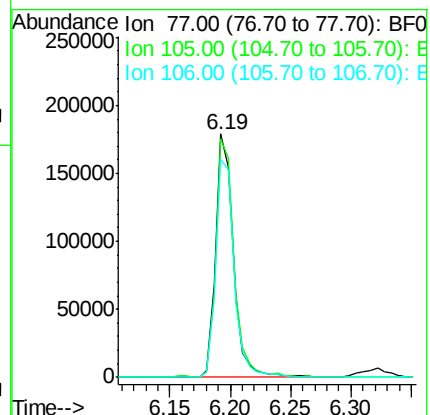
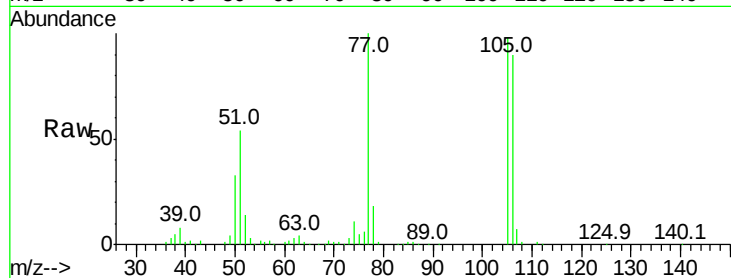
Tot Ion: 77 Resp: 180787

Ion Ratio Lower Upper

77 100

105 98.0 83.8 123.8

106 89.6 79.1 119.1



#10

Phenol

Concen: 37.966 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

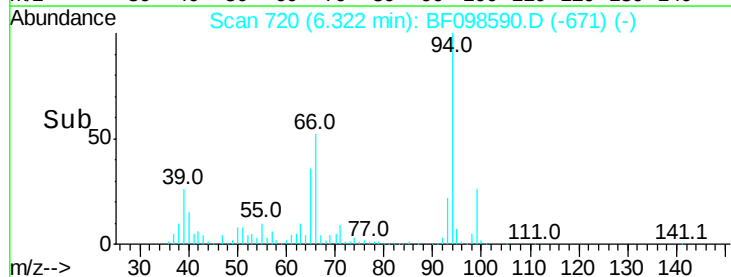
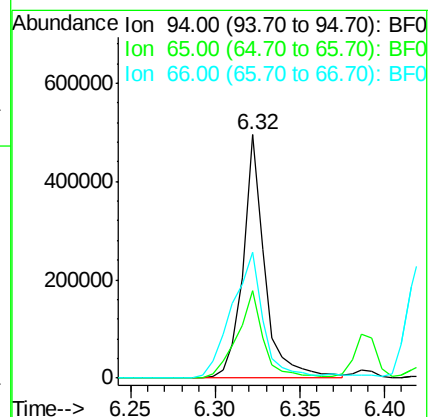
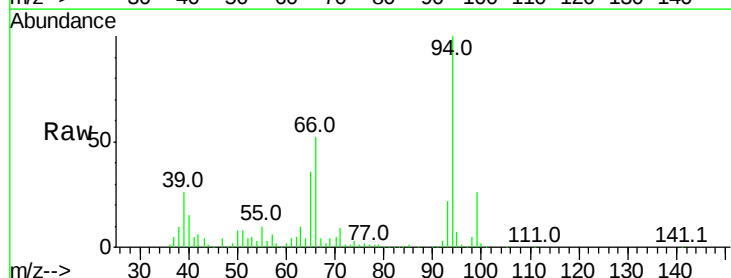
Tgt Ion: 94 Resp: 443856

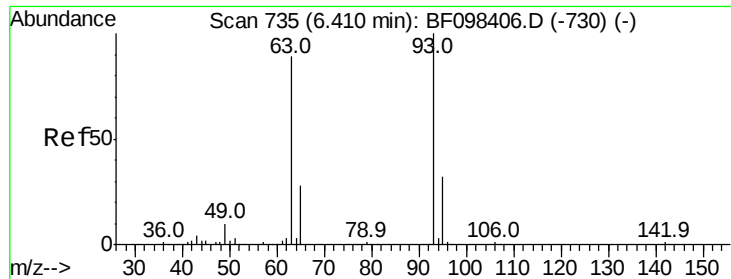
Ion Ratio Lower Upper

94 100

65 36.1 9.9 49.9

66 51.8 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 36.012 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-INSIDEMS

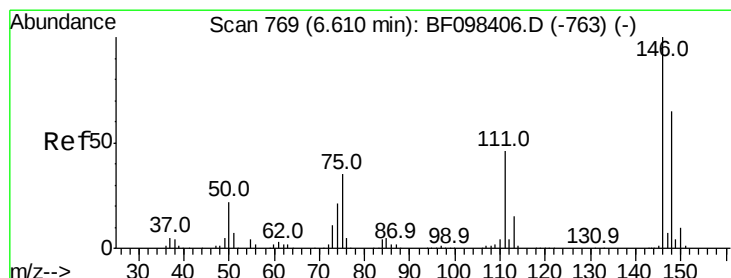
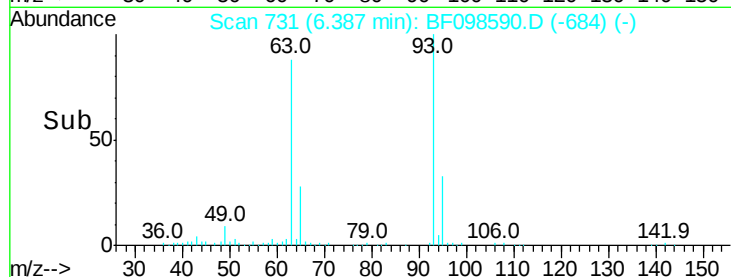
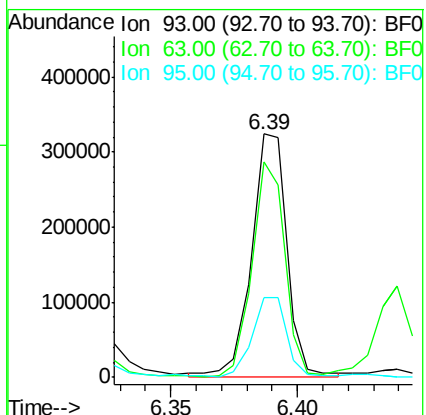
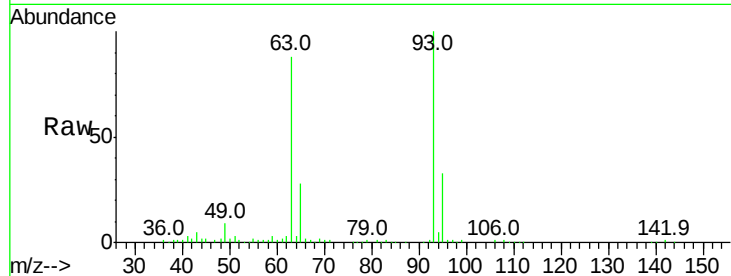
Tot Ion: 93 Resp: 317427

Ion Ratio Lower Upper

93 100

63 88.3 59.2 99.2

95 33.0 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 37.003 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

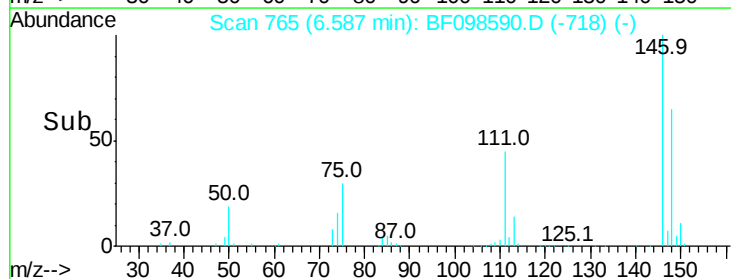
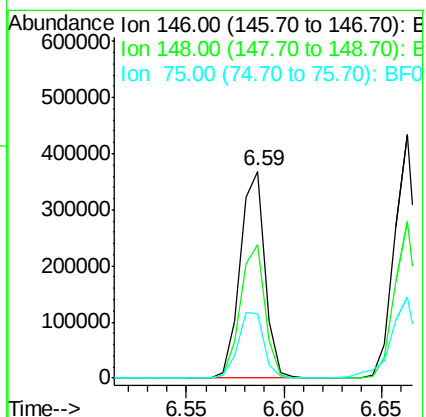
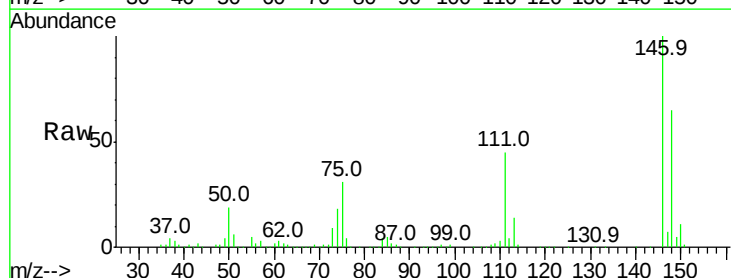
Tgt Ion: 146 Resp: 324662

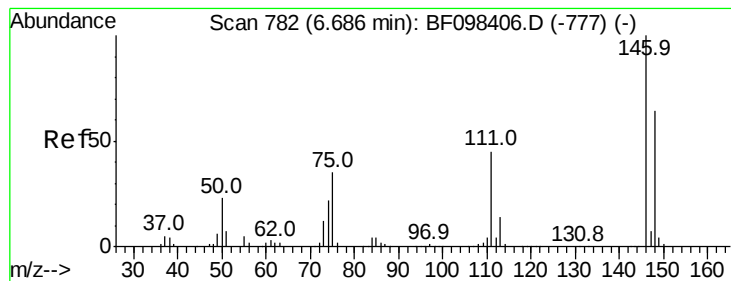
Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.6

75 31.2 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 39.015 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.02 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-INSIDEMS

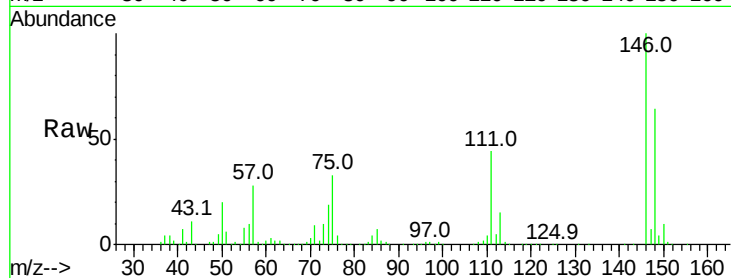
Tot Ion:146 Resp: 350634

Ion Ratio Lower Upper

146 100

148 64.3 52.2 78.2

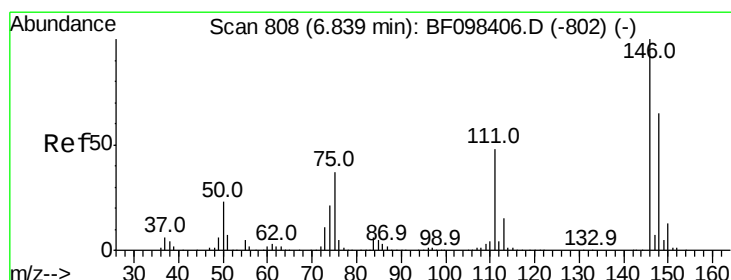
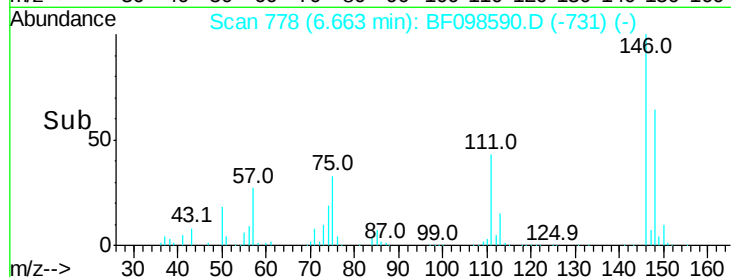
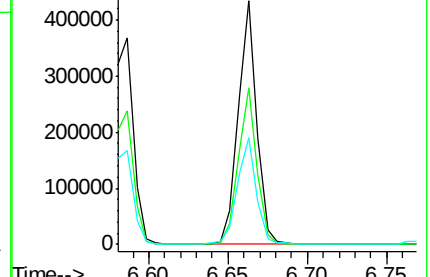
111 43.7 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.888 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

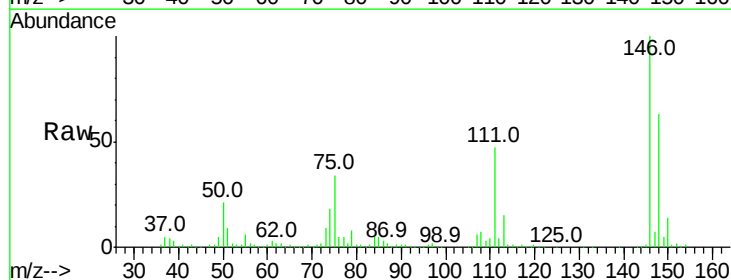
Tgt Ion:146 Resp: 310219

Ion Ratio Lower Upper

146 100

148 62.9 50.4 75.6

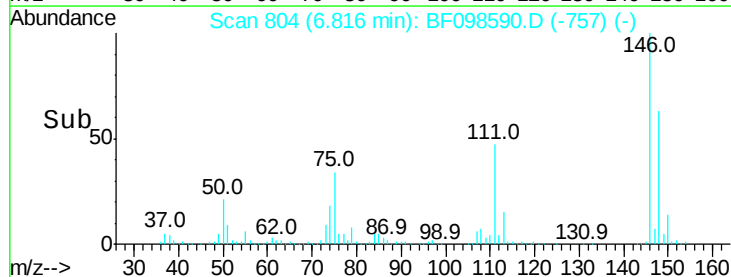
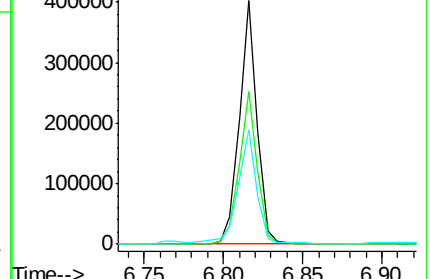
111 47.0 38.2 57.4

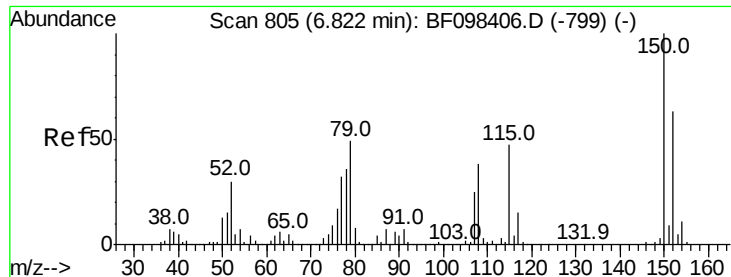


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

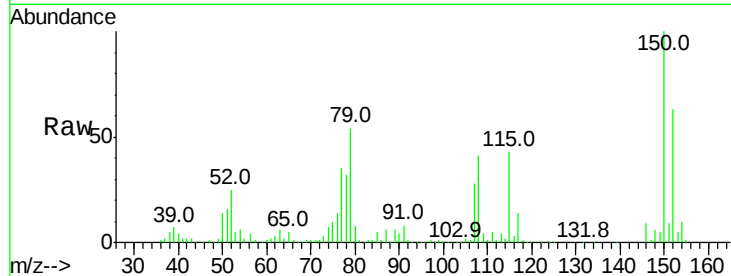




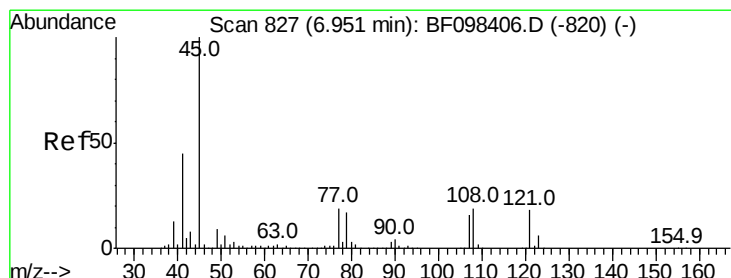
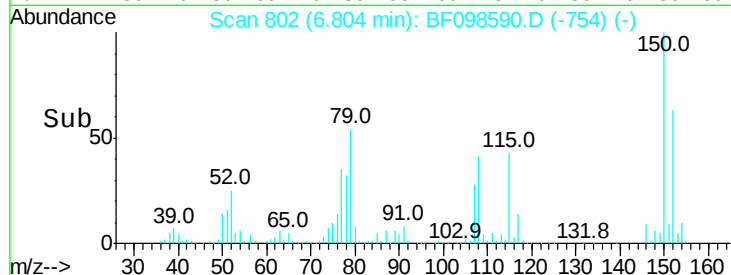
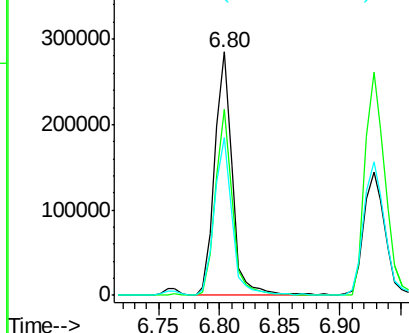
#15
Benzyl Alcohol
Concen: 41.819 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

Tot Ion: 79 Resp: 280127
Ion Ratio Lower Upper
79 100
108 76.2 63.4 95.0
77 64.7 49.2 73.8

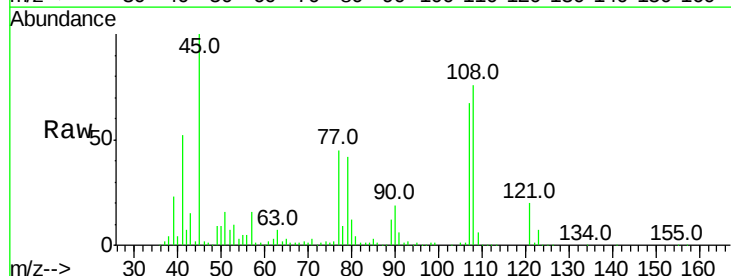


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

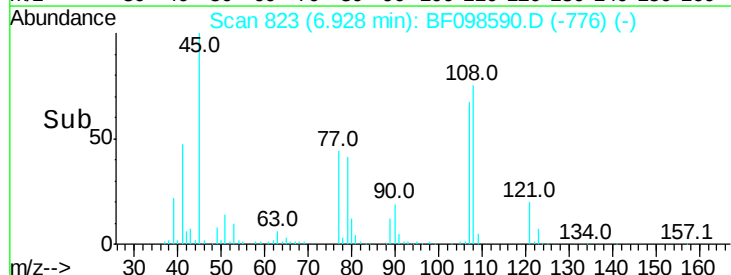
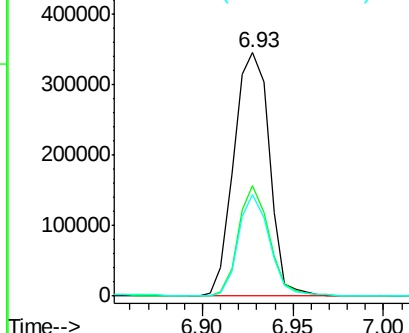


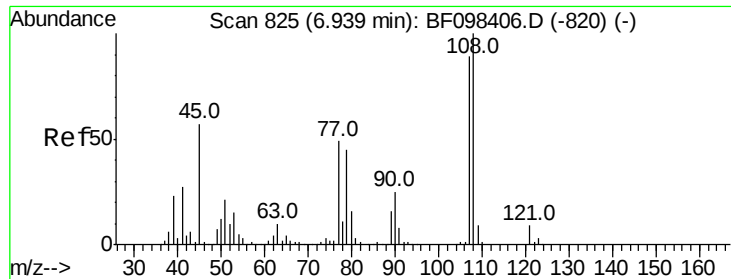
#16
2,2'-oxybis(1-chloropropane)
Concen: 32.555 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Tgt Ion: 45 Resp: 472141
Ion Ratio Lower Upper
45 100
77 45.2 0.0 33.2#
79 41.8 0.0 30.0#



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

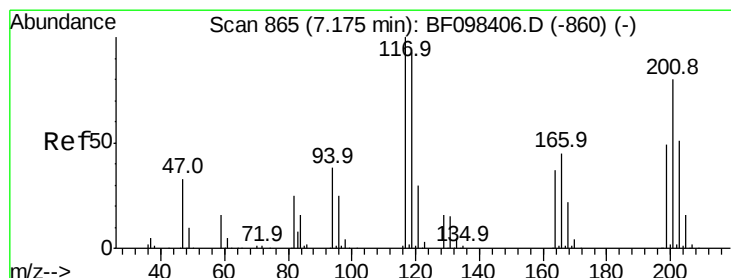
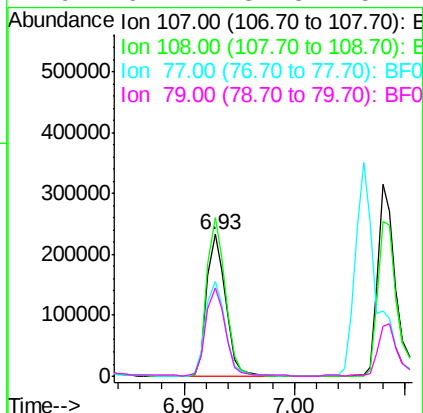
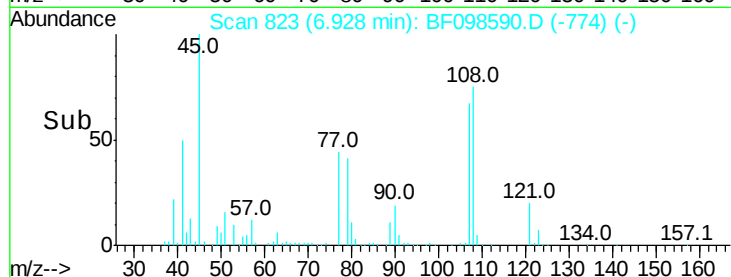
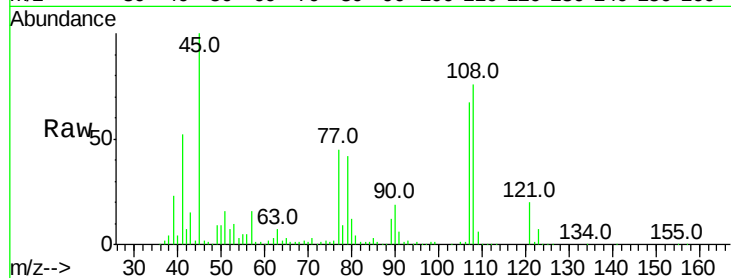




#17
2-Methylphenol
Concen: 37.914 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

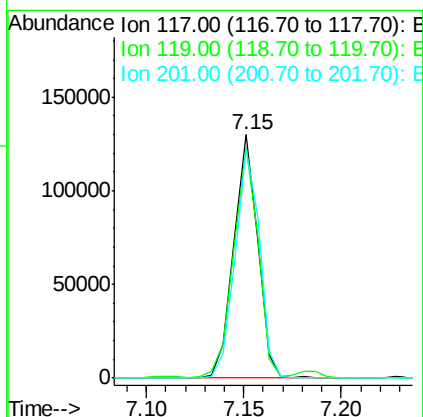
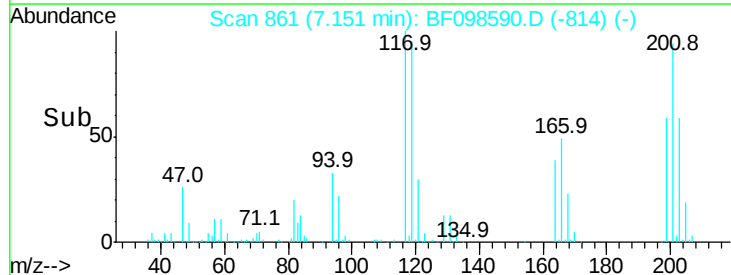
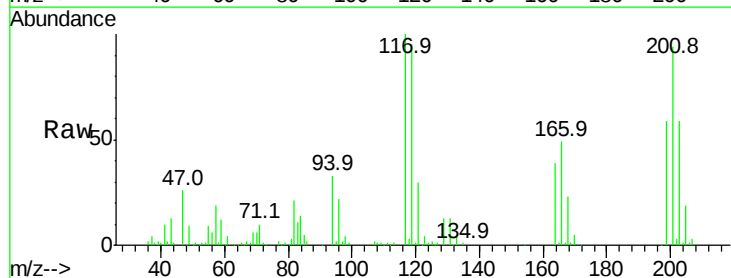
Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

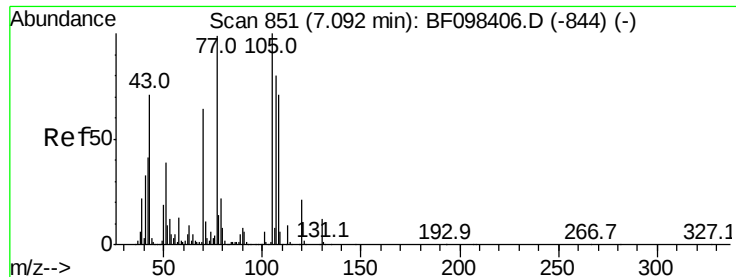
Tot Ion:107 Resp: 269500
Ion Ratio Lower Upper
107 100
108 112.4 93.4 140.0
77 67.2 35.8 53.6#
79 62.2 34.8 52.2#



#18
Hexachloroethane
Concen: 32.328 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Tgt Ion:117 Resp: 111266
Ion Ratio Lower Upper
117 100
119 94.7 77.4 116.0
201 94.2 94.6 141.8#

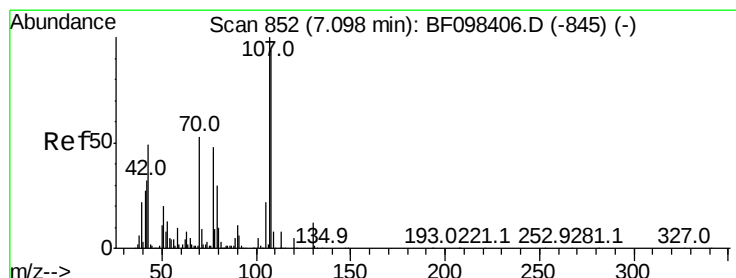
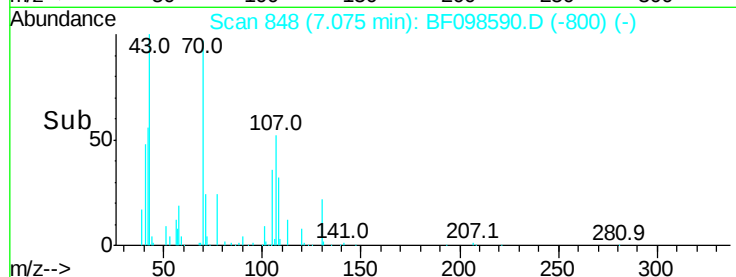
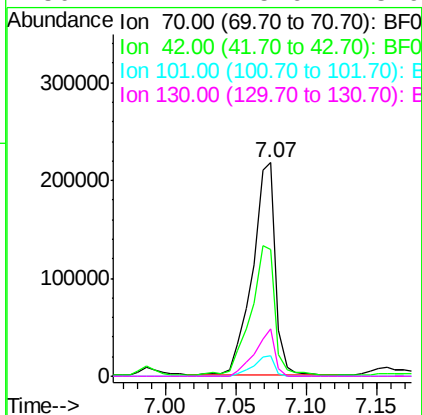
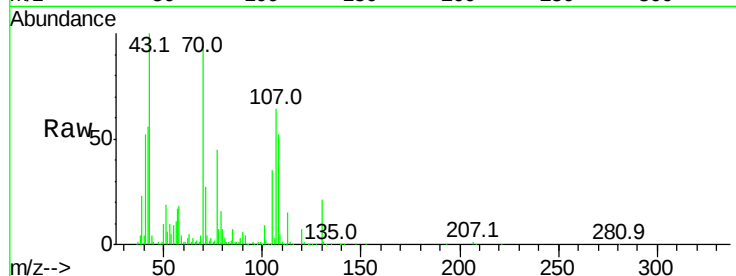




#19
n-Nitroso-di-n-propylamine
Concen: 39.768 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

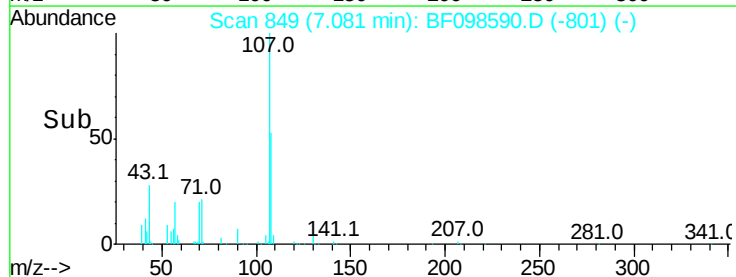
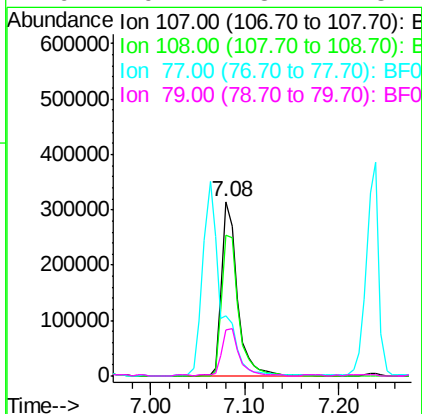
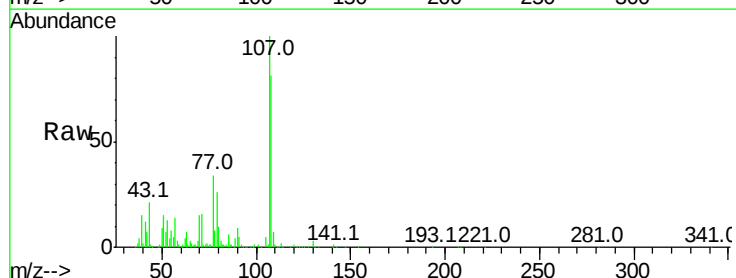
Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

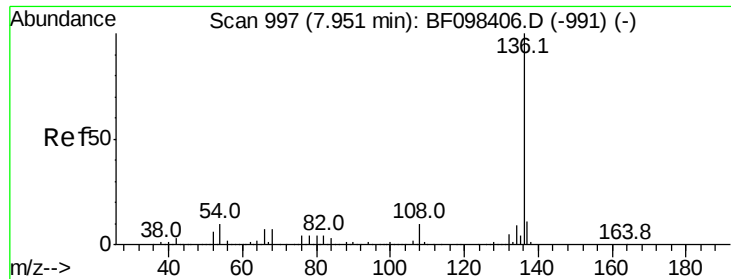
Tot Ion: 70 Resp: 251772
Ion Ratio Lower Upper
70 100
42 59.6 47.2 70.8
101 9.3 7.2 10.8
130 22.2 15.9 23.9



#20
3+4-Methylphenols
Concen: 41.006 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Tgt Ion:107 Resp: 367828
Ion Ratio Lower Upper
107 100
108 80.7 71.0 111.0
77 34.2 90.5 130.5#
79 26.1 8.4 48.4

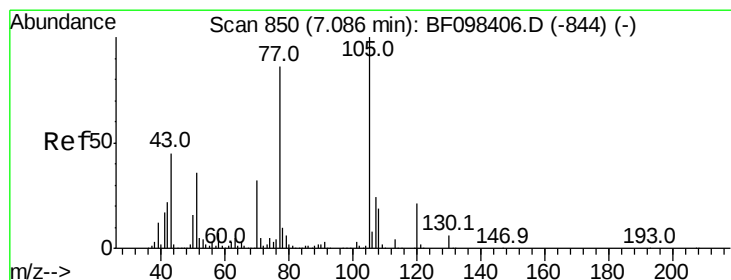
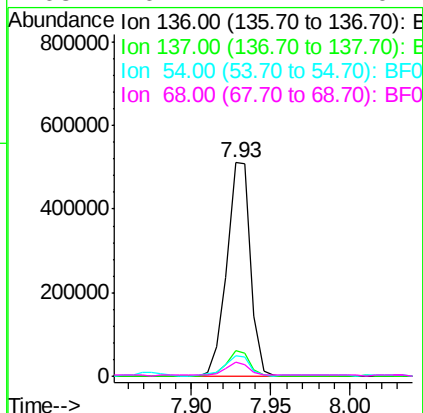
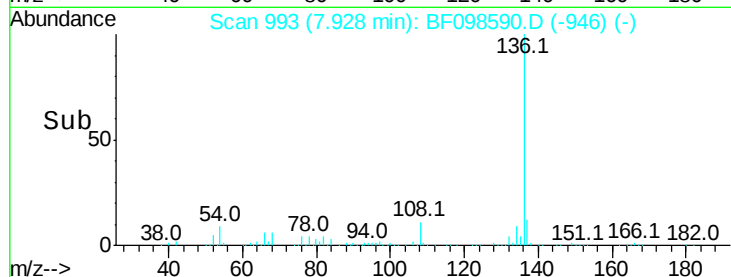
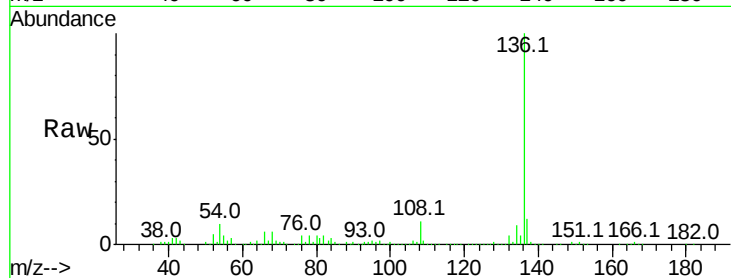




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

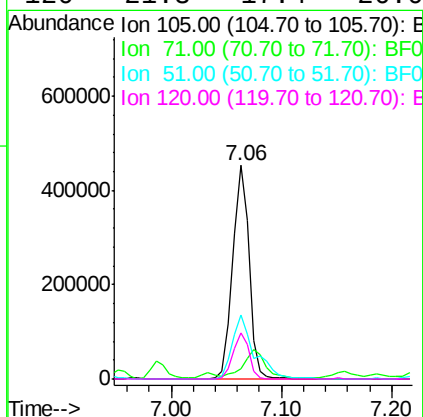
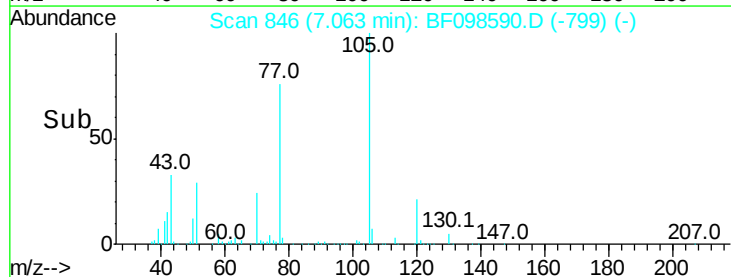
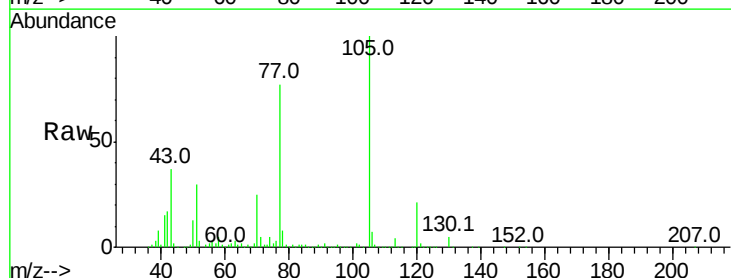
Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

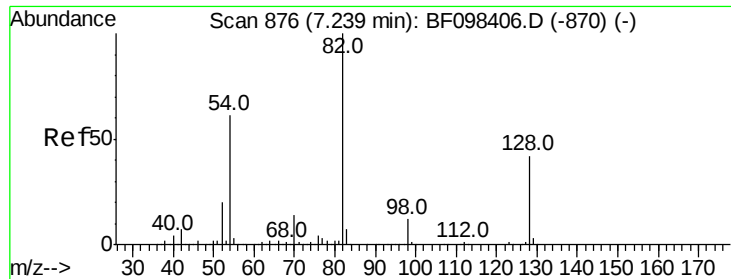
Tot Ion:136	Resp:	527673
Ion Ratio	Lower	Upper
136	100	
137	11.8	8.5 12.7
54	9.7	4.9 7.3#
68	6.4	4.1 6.1#



#22
Acetophenone
Concen: 34.919 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Tgt Ion:105	Resp:	476227
Ion Ratio	Lower	Upper
105	100	
71	4.5	2.8 4.2#
51	30.1	30.7 46.1#
120	21.3	17.4 26.0

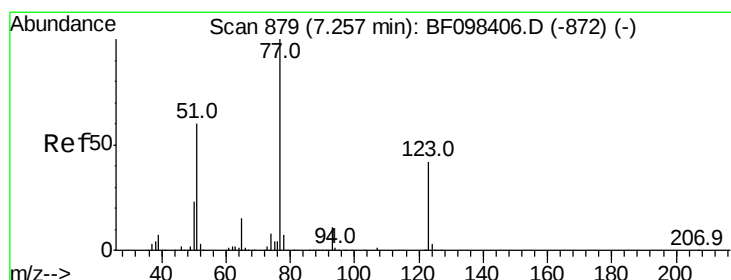
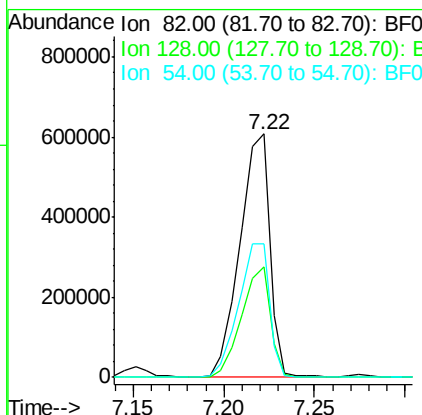
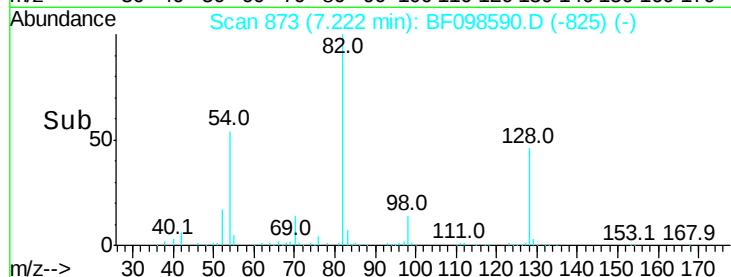
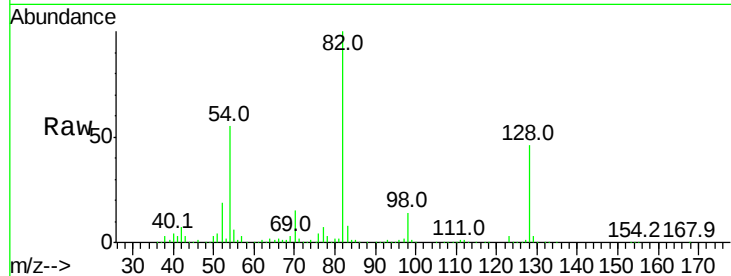




#23
 Nitrobenzene-d5
 Concen: 73.453 ng
 RT: 7.22 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

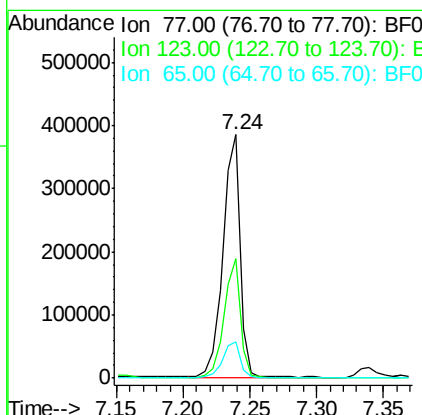
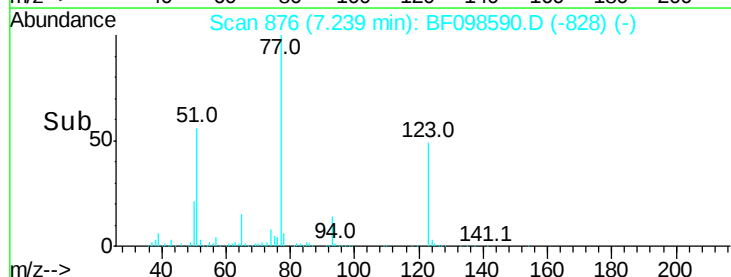
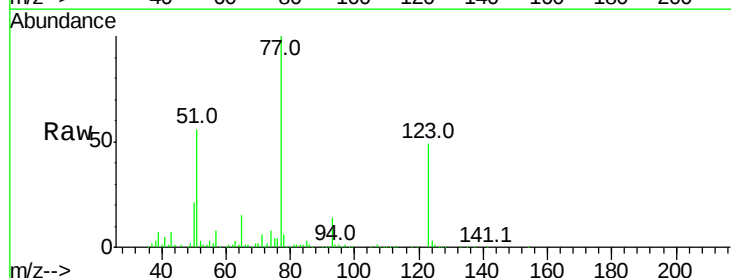
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMS

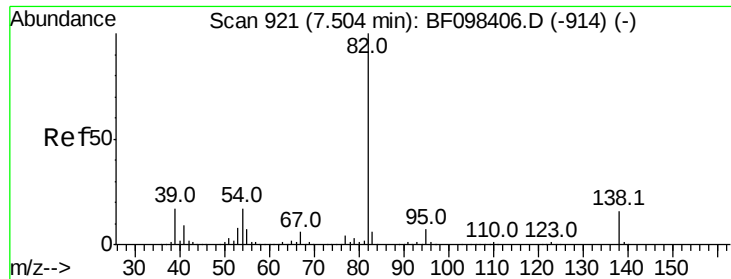
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.0	51.0
54	54.8	42.2	63.2



#24
 Nitrobenzene
 Concen: 32.534 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	35.8	53.8
65	14.8	10.6	15.8





#25

Isophorone

Concen: 33.137 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-INSIDEMS

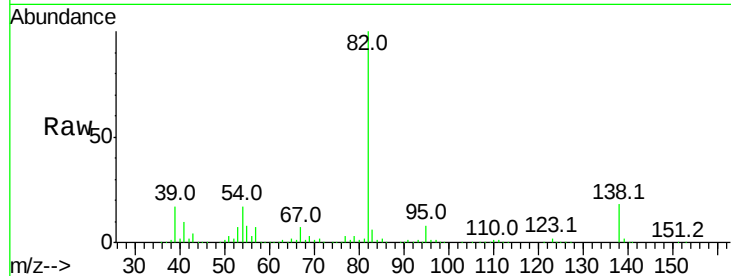
Tot Ion: 82 Resp: 634579

Ion Ratio Lower Upper

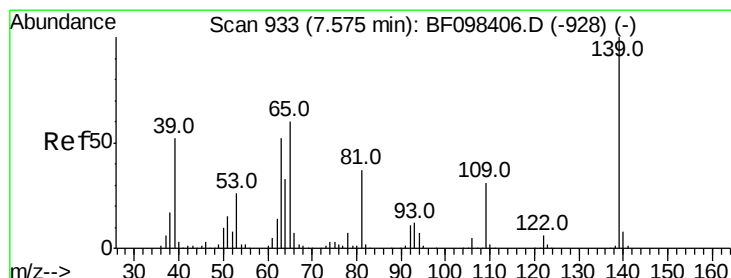
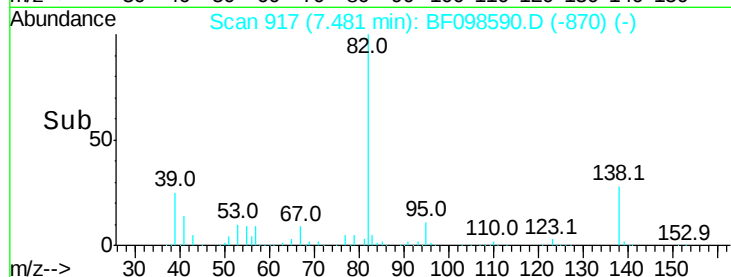
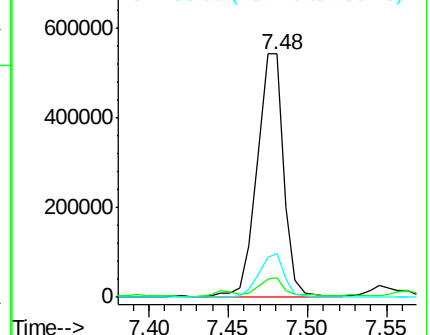
82 100

95 7.9 5.3 7.9

138 18.1 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.713 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

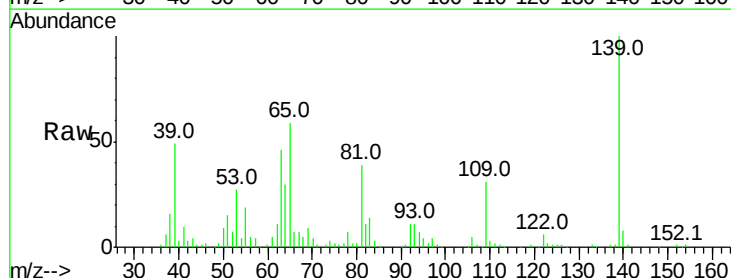
Tgt Ion: 139 Resp: 177224

Ion Ratio Lower Upper

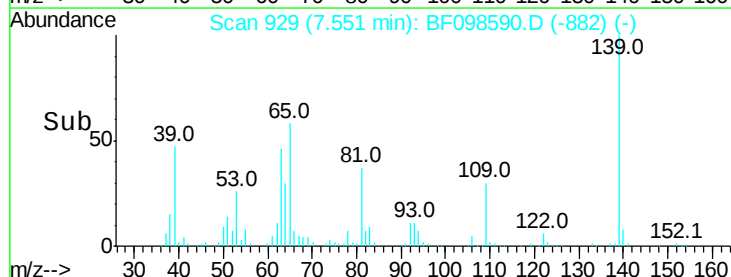
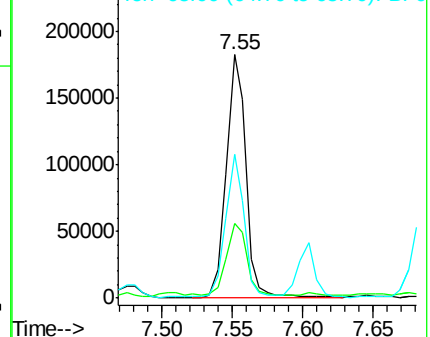
139 100

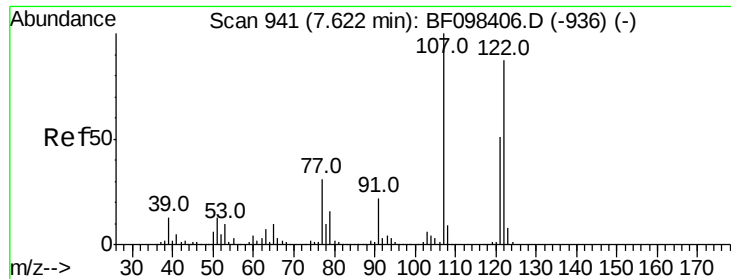
109 30.7 21.0 31.6

65 58.8 33.0 49.6#



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

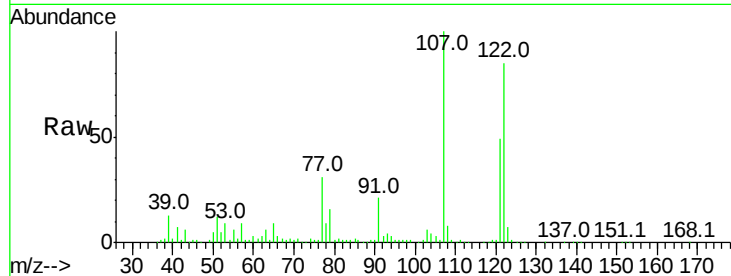




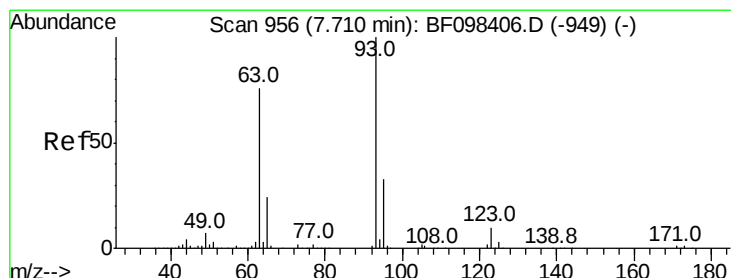
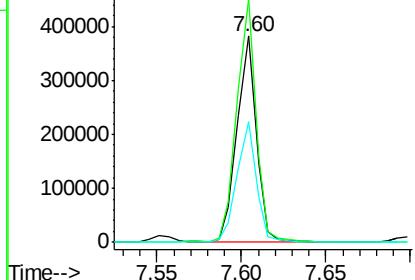
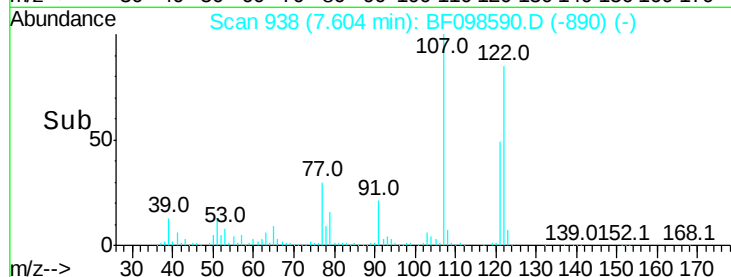
#27
 2,4-Dimethylphenol
 Concen: 36.878 ng
 RT: 7.60 min Scan# 938
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMS

Tot Ion:122 Resp: 306021
 Ion Ratio Lower Upper
 122 100
 107 118.1 89.2 133.8
 121 58.4 45.2 67.8

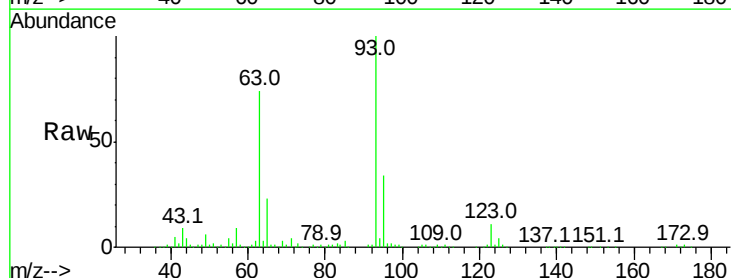


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

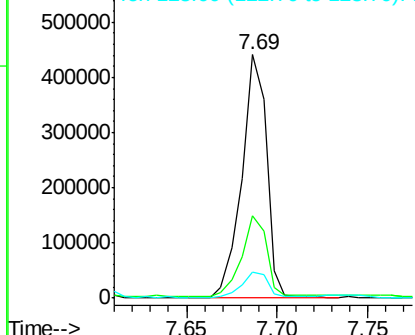
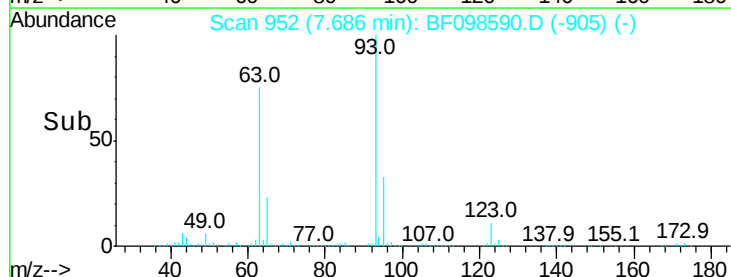


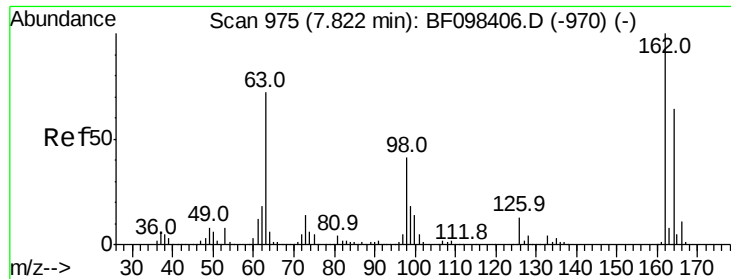
#28
 bis(2-Chloroethoxy)methane
 Concen: 35.845 ng
 RT: 7.69 min Scan# 952
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Tgt Ion: 93 Resp: 418864
 Ion Ratio Lower Upper
 93 100
 95 33.7 26.5 39.7
 123 10.6 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

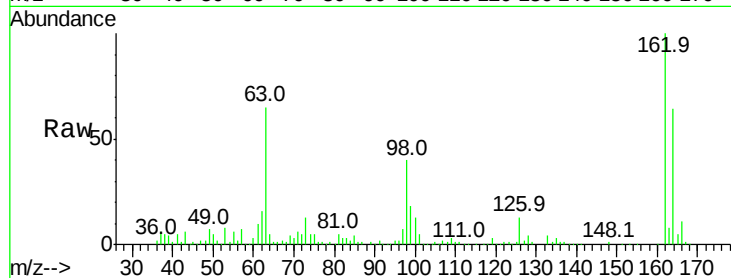




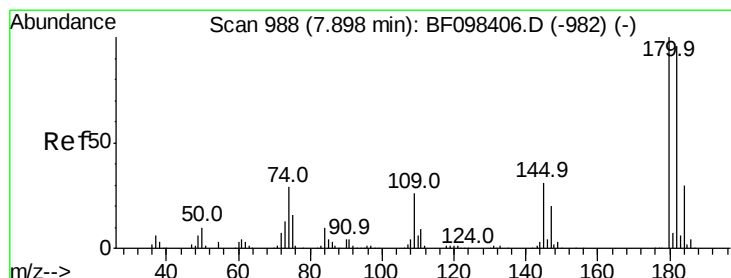
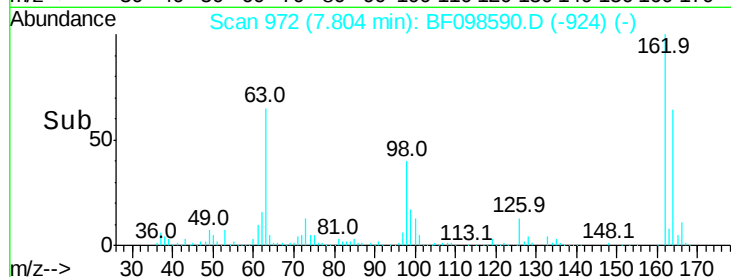
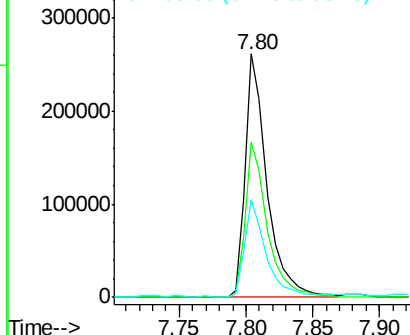
#29
2,4-Dichlorophenol
Concen: 42.692 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

Tot Ion:162 Resp: 294637
Ion Ratio Lower Upper
162 100
164 63.9 44.6 84.6
98 40.2 14.8 54.8

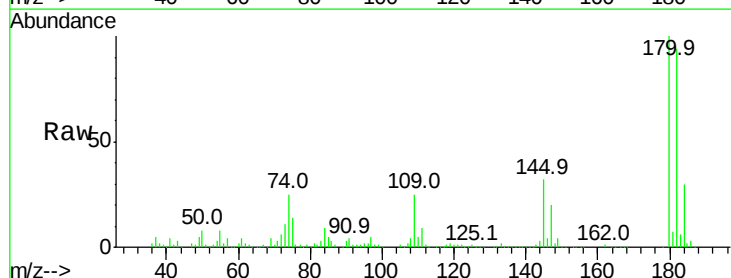


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

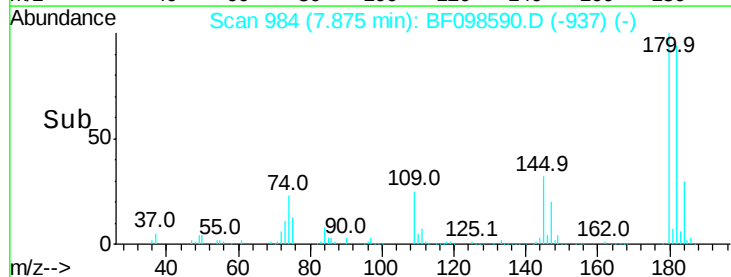
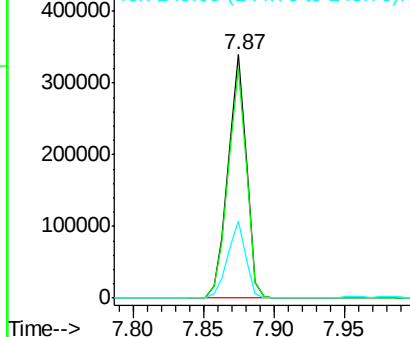


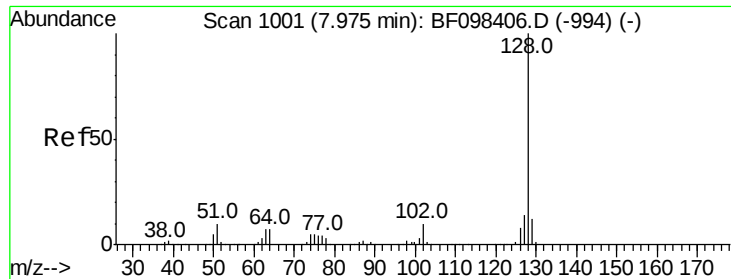
#30
1,2,4-Trichlorobenzene
Concen: 40.967 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Tgt Ion:180 Resp: 307558
Ion Ratio Lower Upper
180 100
182 94.4 75.8 113.6
145 31.5 25.3 37.9



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

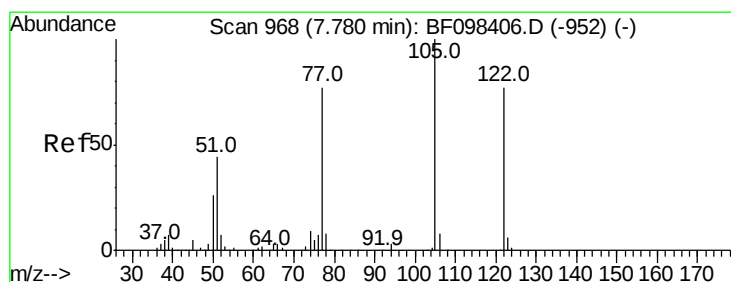
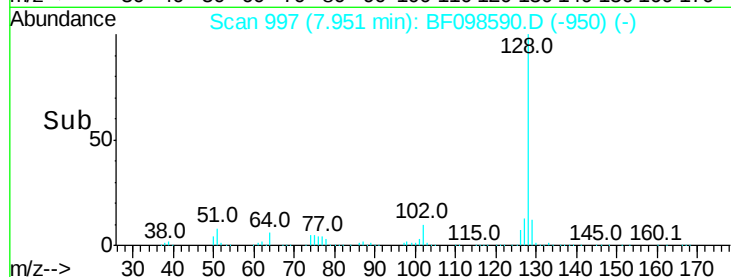
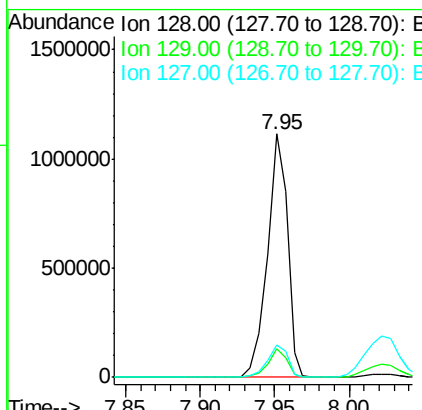
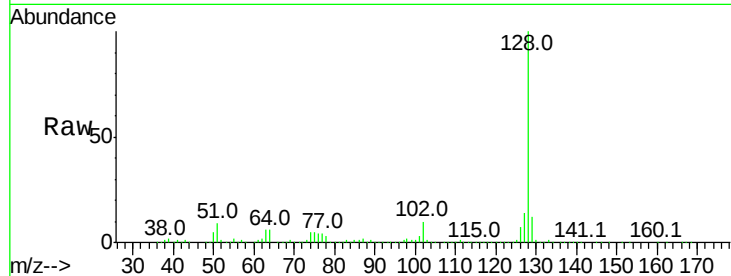




#31
Naphthalene
Concen: 39.356 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

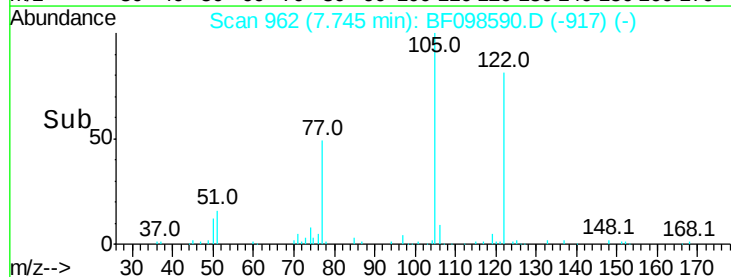
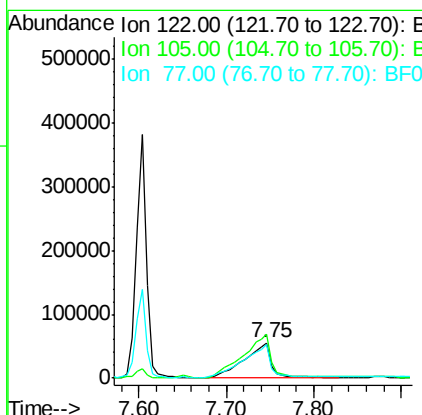
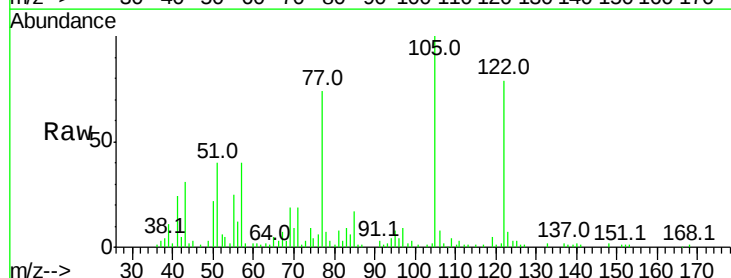
Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

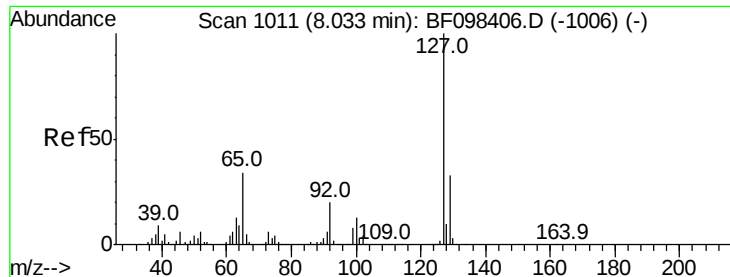
Tot Ion:128 Resp: 1026628
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 25.403 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.03 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Tgt Ion:122 Resp: 116368
Ion Ratio Lower Upper
122 100
105 125.9 103.3 143.3
77 93.8 73.7 113.7

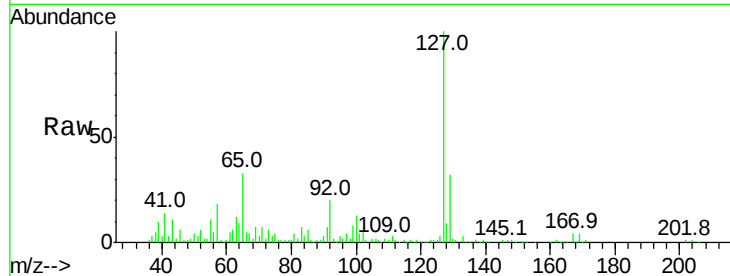




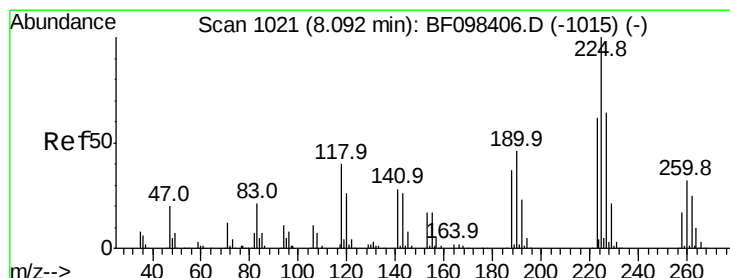
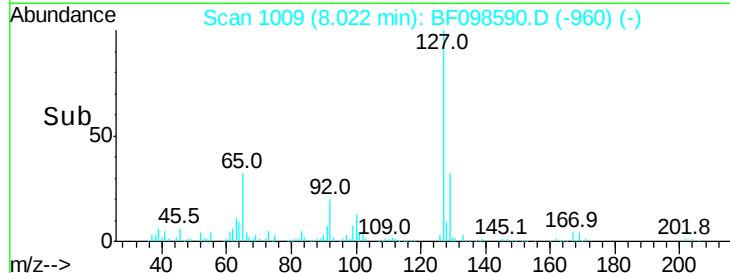
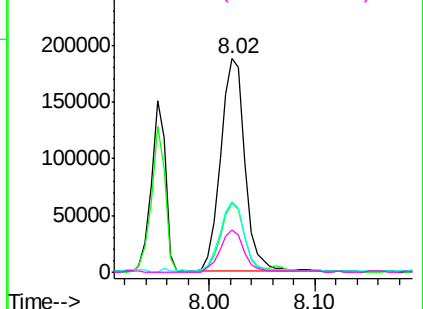
#33
4-Chloroaniline
Concen: 28.538 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

Tot Ion:	127	Resp:	302546
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	32.8	27.8	41.8
92	19.8	16.8	25.2

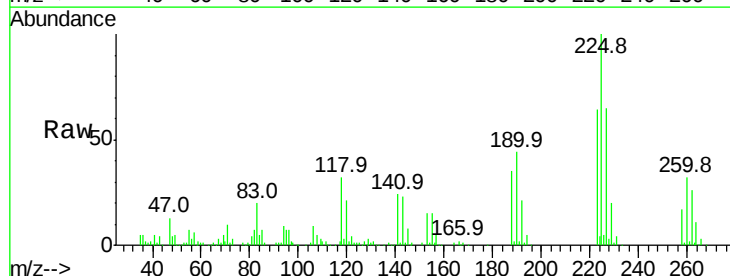


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

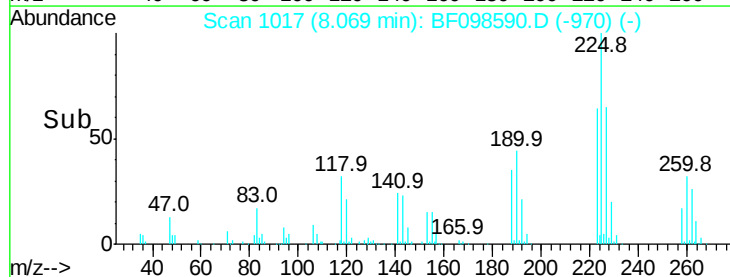
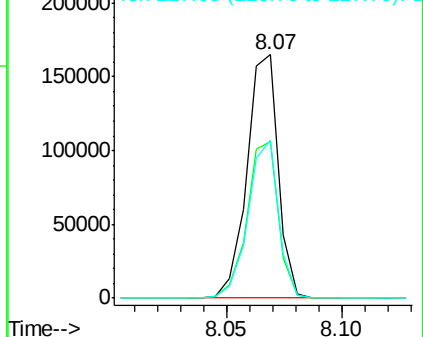


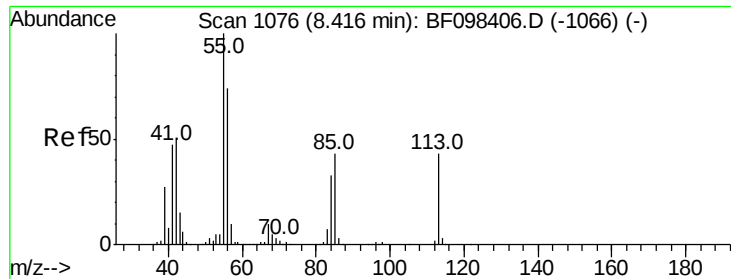
#34
Hexachlorobutadiene
Concen: 40.564 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Tgt Ion:	225	Resp:	156337
Ion	Ratio	Lower	Upper
225	100		
223	64.3	48.8	73.2
227	64.8	51.1	76.7



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





#35

Caprolactam

Concen: 5.183 ng

RT: 8.39 min Scan# 1071

Delta R.T. -0.03 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-INSIDEMS

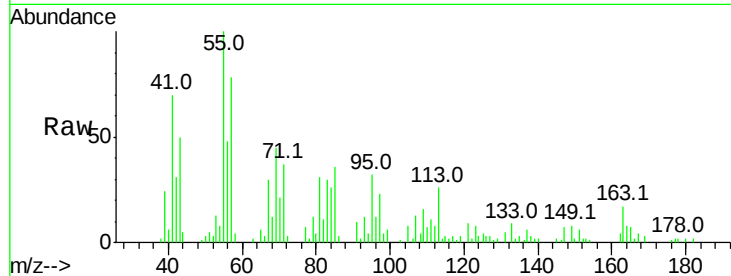
Tot Ion:113 Resp: 12334

Ion Ratio Lower Upper

113 100

55 378.2 150.2 190.2#

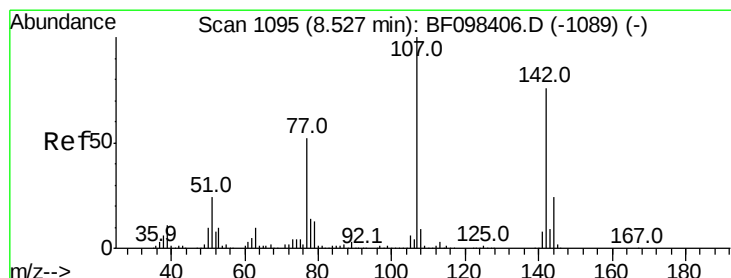
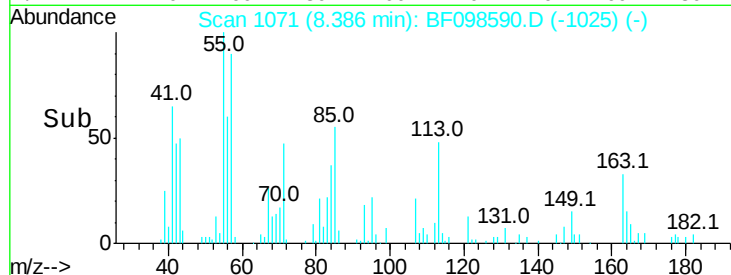
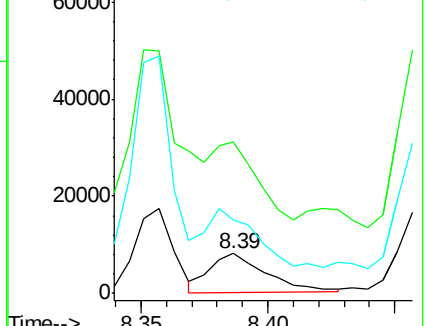
56 183.1 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.514 ng

RT: 8.51 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

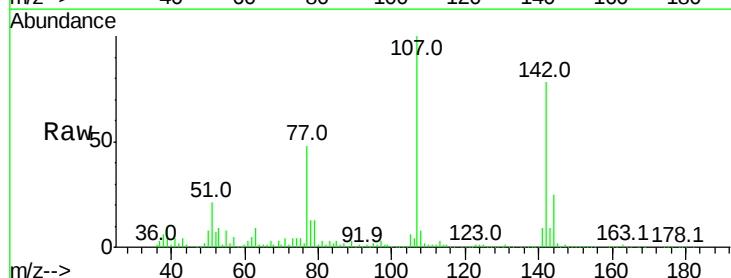
Tgt Ion:107 Resp: 321086

Ion Ratio Lower Upper

107 100

144 25.5 24.2 36.4

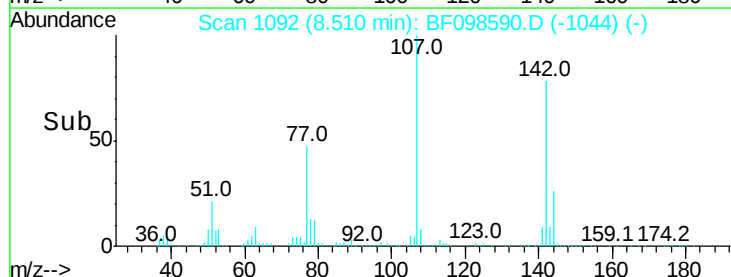
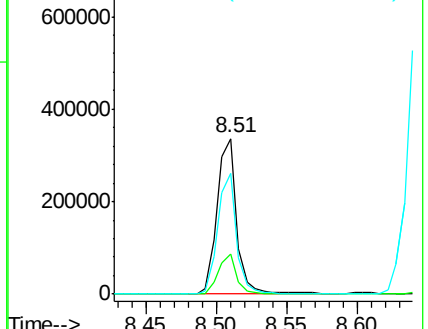
142 77.6 73.4 110.0

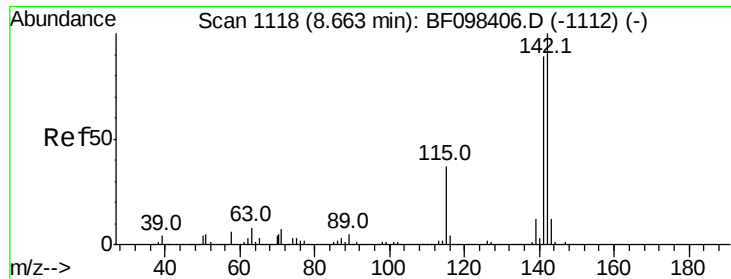


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

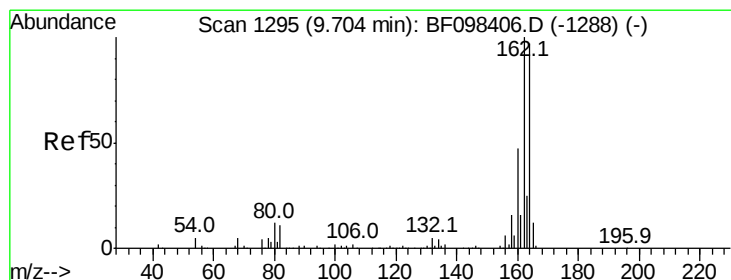
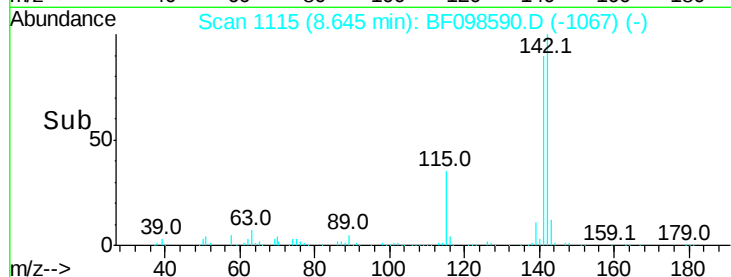
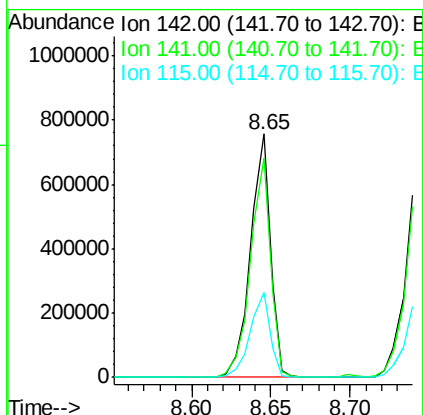
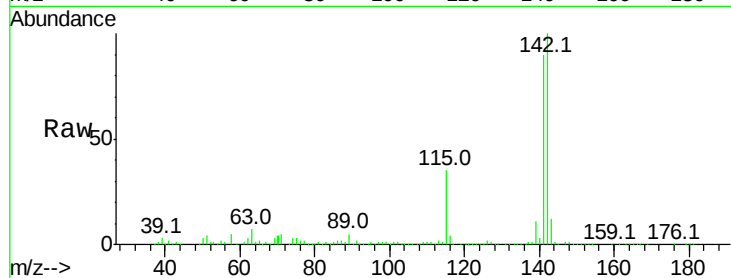




#37
2-Methylnaphthalene
Concen: 41.735 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

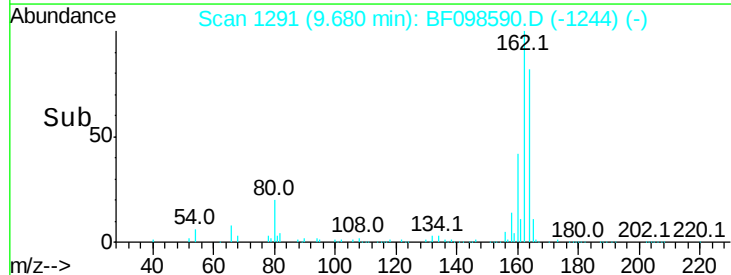
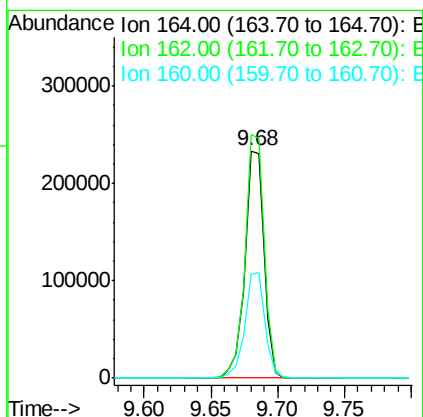
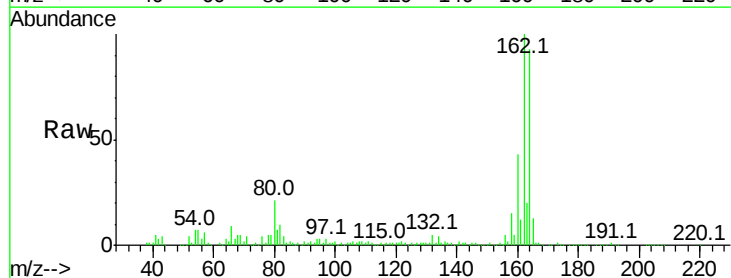
Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

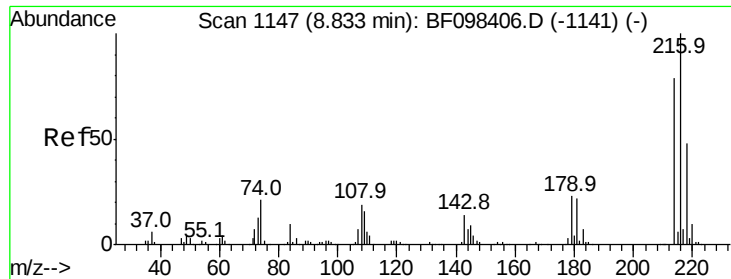
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.3	106.9
115	34.9	27.1	40.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.2	82.6	123.8
160	45.7	36.2	54.2

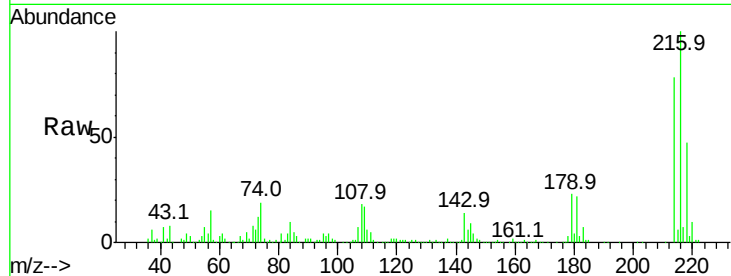




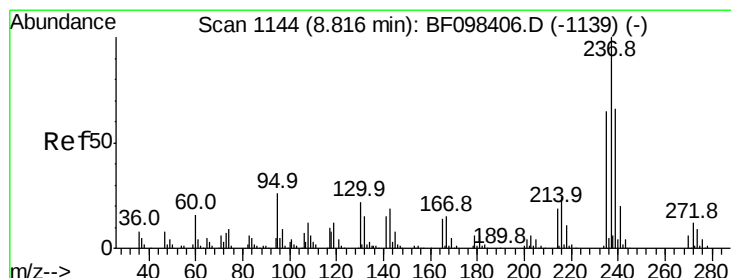
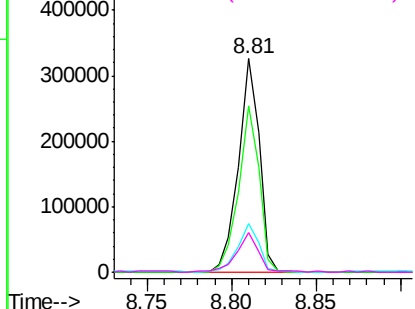
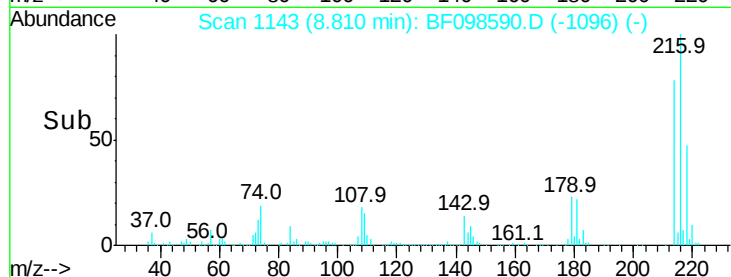
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.980 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMS

Tot Ion:	216	Resp:	281618
Ion Ratio	Lower	Upper	
216	100		
214	76.7	63.4	95.2
179	22.6	17.9	26.9
108	17.7	16.5	24.7

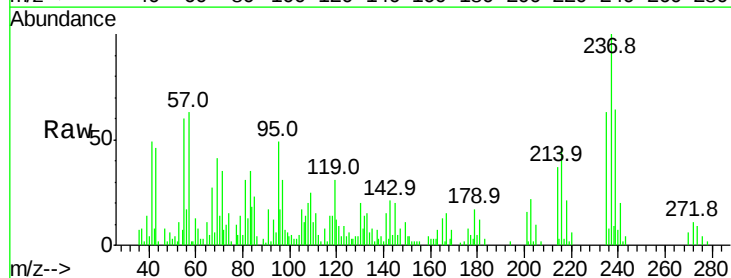


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

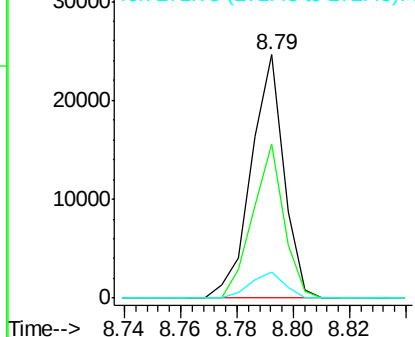
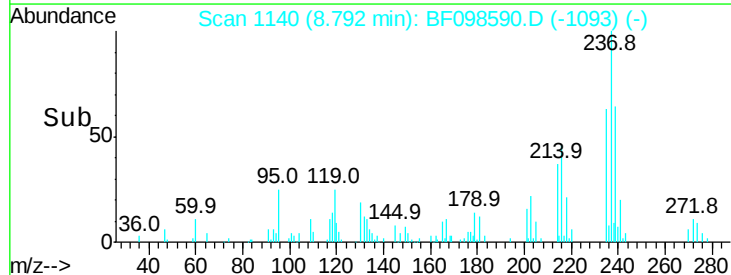


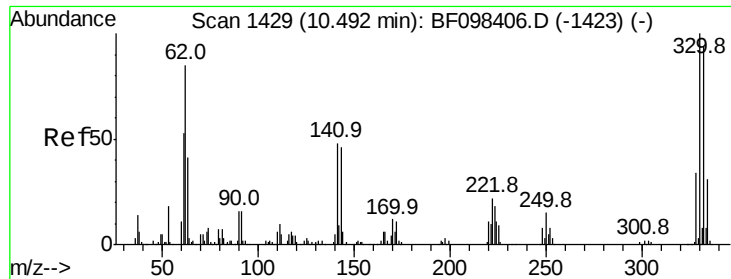
#40
 Hexachlorocyclopentadiene
 Concen: 17.999 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Tgt Ion:	237	Resp:	19702
Ion Ratio	Lower	Upper	
237	100		
235	63.1	42.6	82.6
272	10.8	0.0	31.9



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

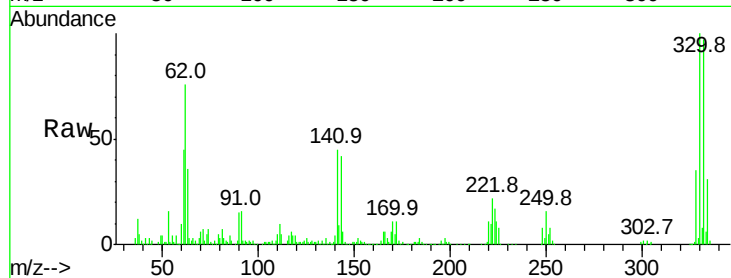




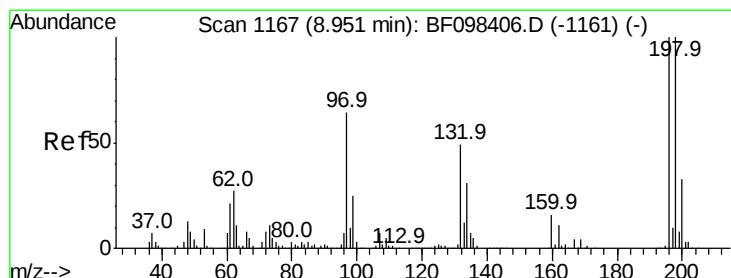
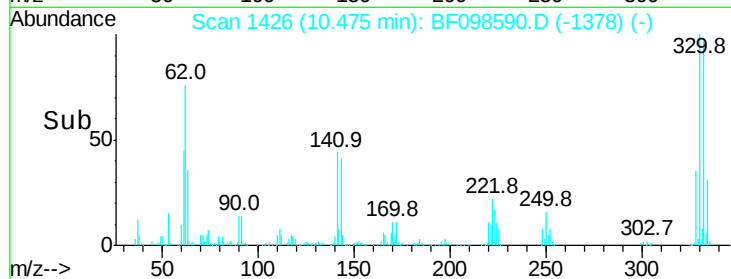
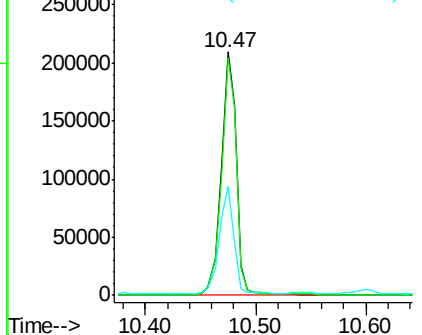
#41
 2,4,6-Tribromophenol
 Concen: 130.149 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMS

Tot Ion:330 Resp: 201470
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 42.7 31.4 47.2

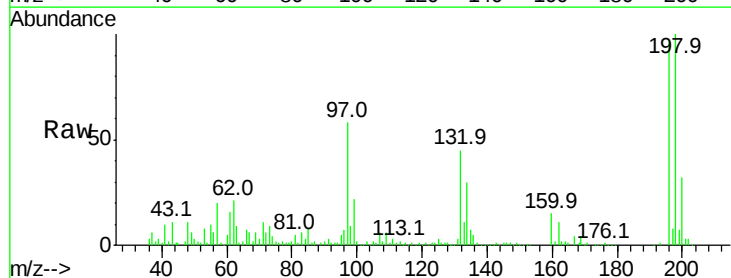


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

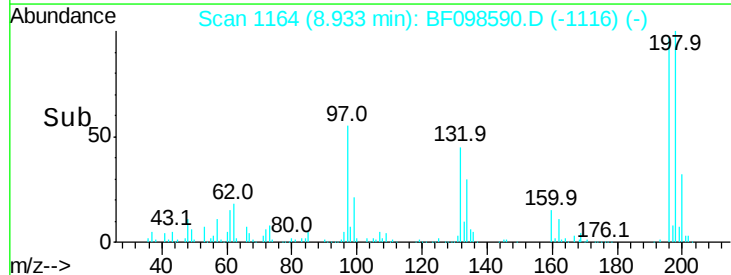
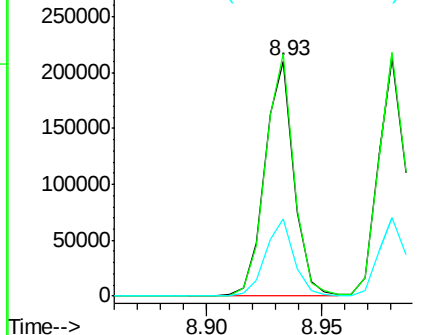


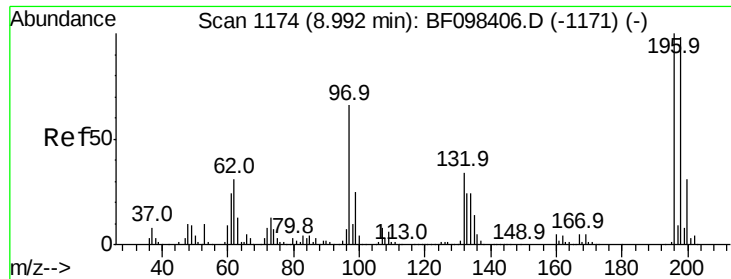
#42
 2,4,6-Trichlorophenol
 Concen: 43.459 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Tgt Ion:196 Resp: 184423
 Ion Ratio Lower Upper
 196 100
 198 103.1 74.2 111.4
 200 32.7 24.0 36.0



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

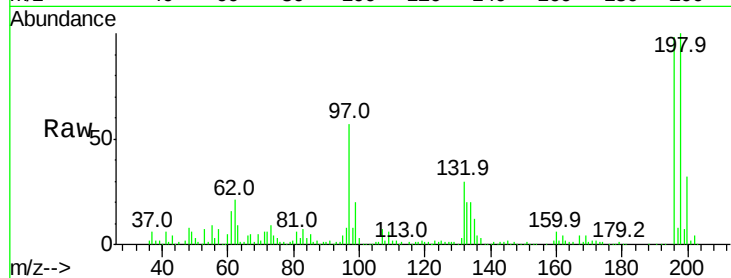




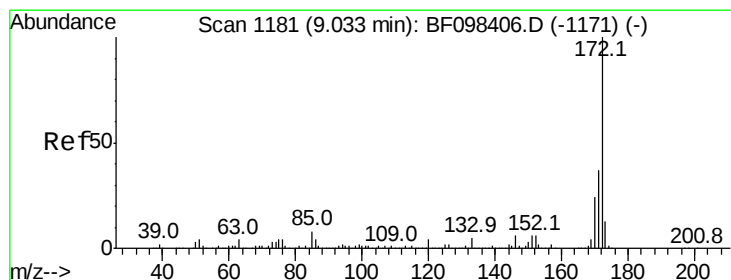
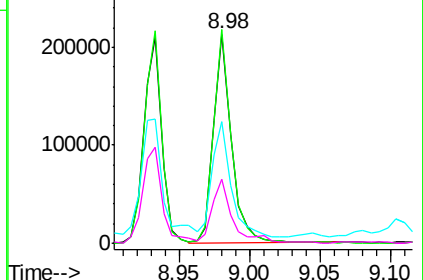
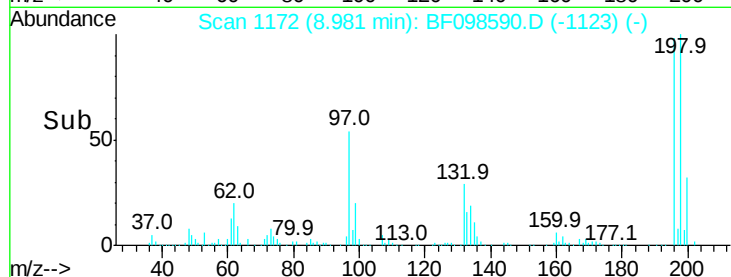
#43
 2,4,5-Trichlorophenol
 Concen: 42.753 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMS

Tot Ion:196 Resp: 189633
 Ion Ratio Lower Upper
 196 100
 198 102.2 75.7 113.5
 97 58.3 47.7 71.5
 132 30.3 28.0 42.0

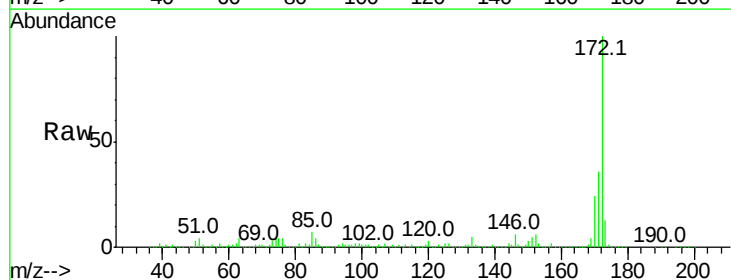


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

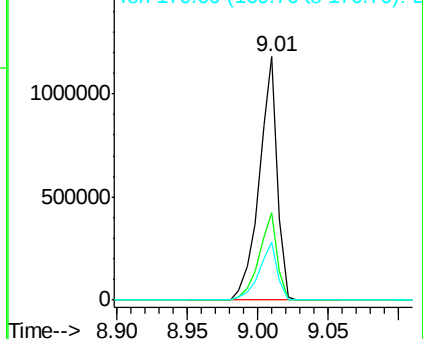
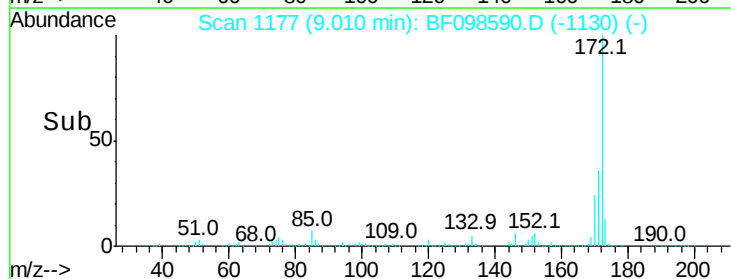


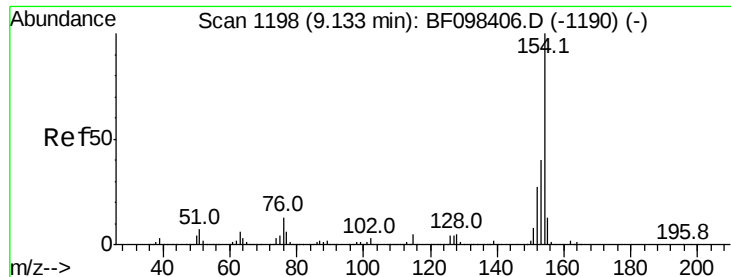
#44
 2-Fluorobiphenyl
 Concen: 77.916 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Tgt Ion:172 Resp: 1066225
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.7 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 37.613 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-INSIDEMS

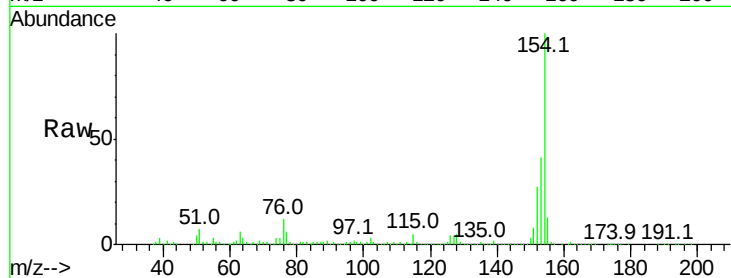
Tot Ion:154 Resp: 780831

Ion Ratio Lower Upper

154 100

153 40.8 21.2 61.2

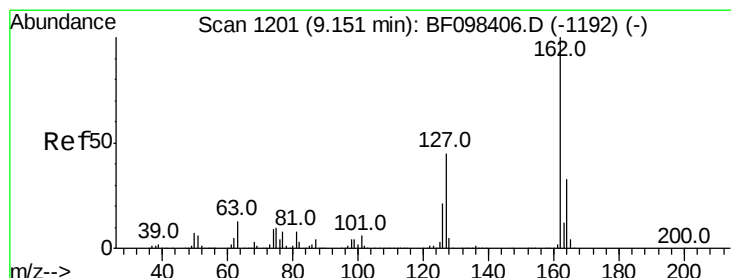
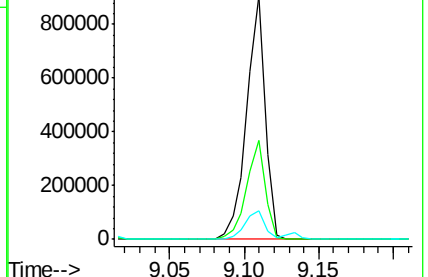
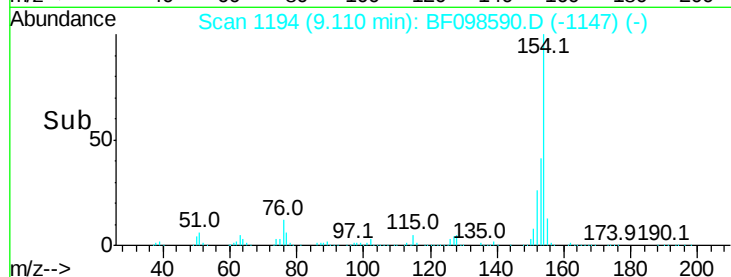
76 11.9 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.664 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.02 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

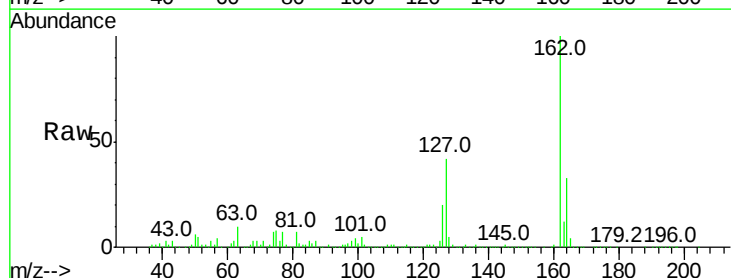
Tgt Ion:162 Resp: 588059

Ion Ratio Lower Upper

162 100

127 41.8 28.3 42.5

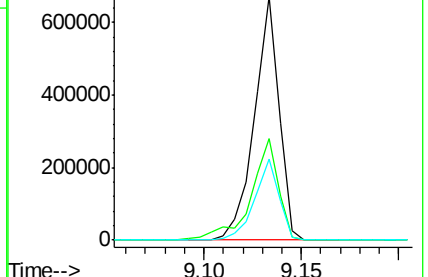
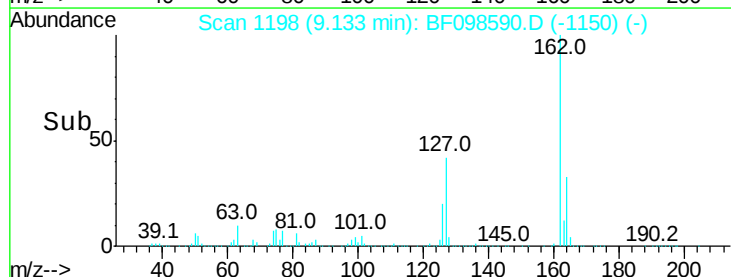
164 33.3 27.0 40.4

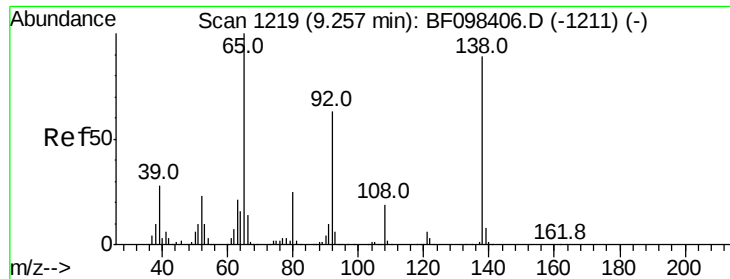


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

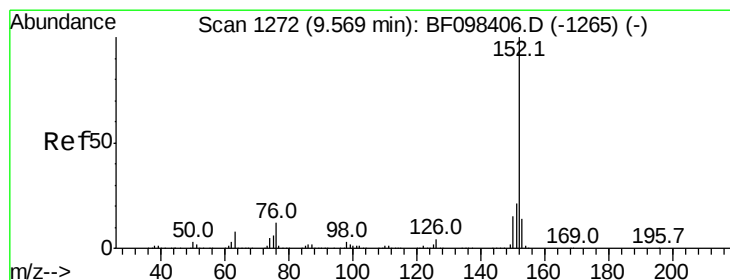
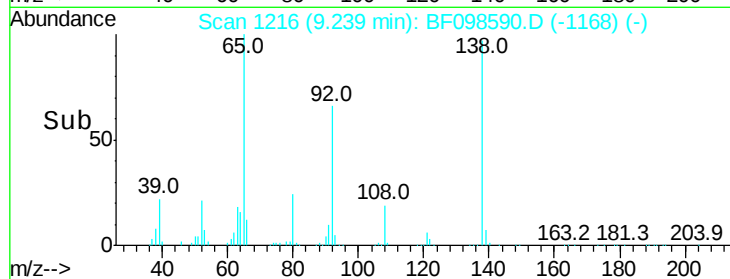
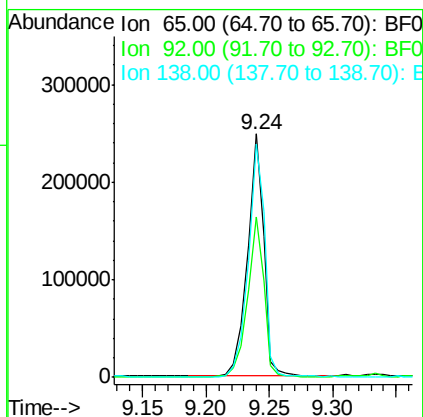
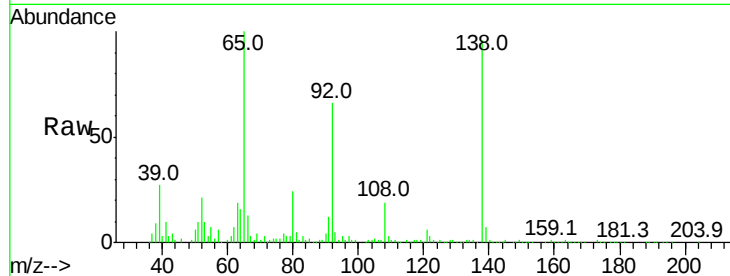




#47
2-Nitroaniline
Concen: 38.556 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

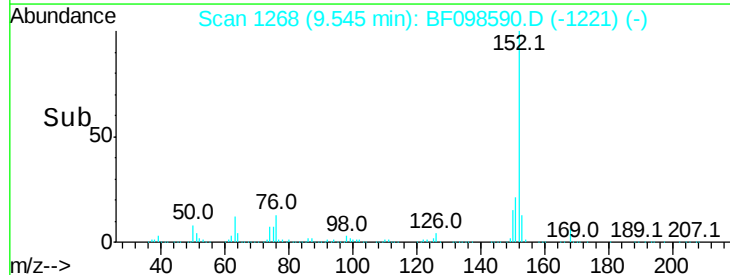
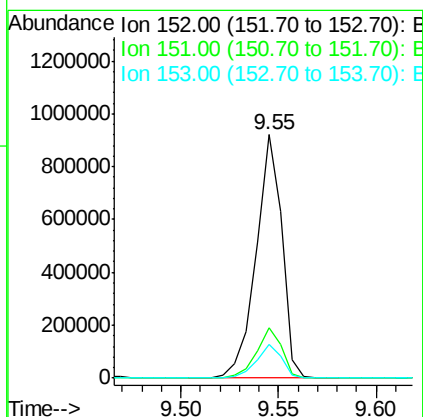
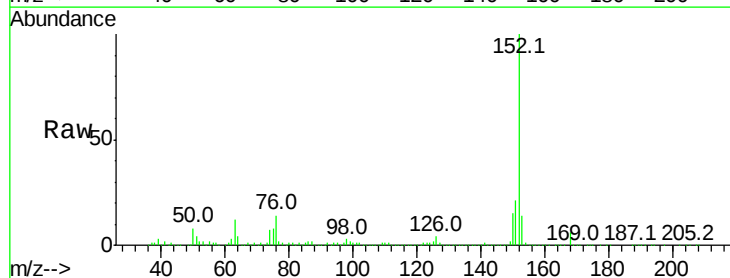
Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

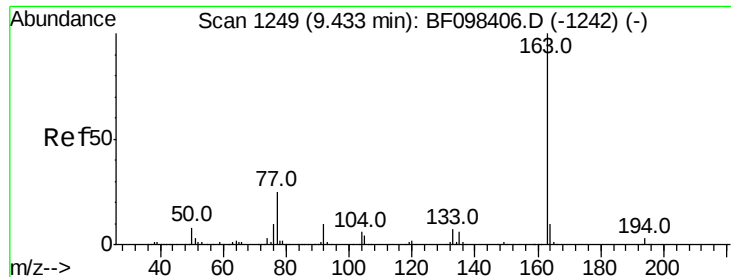
Tot Ion: 65 Resp: 219405
Ion Ratio Lower Upper
65 100
92 65.8 53.9 80.9
138 95.6 78.8 118.2



#48
Acenaphthylene
Concen: 38.140 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Tgt Ion: 152 Resp: 840777
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 13.8 10.8 16.2

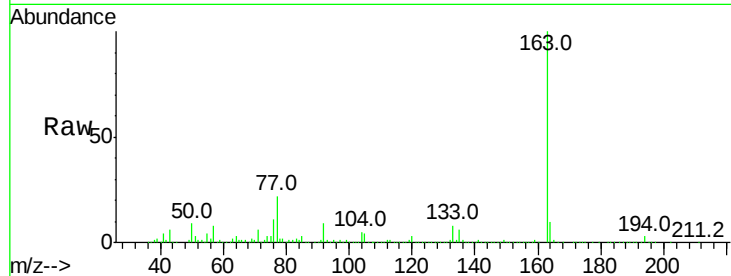




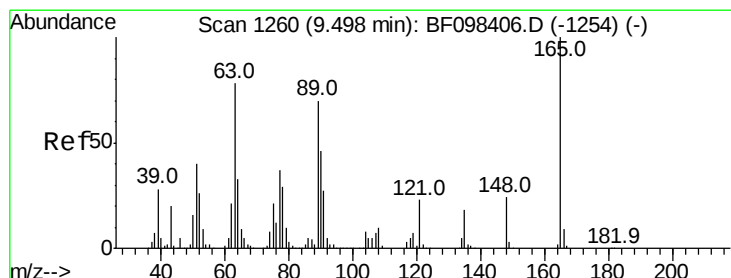
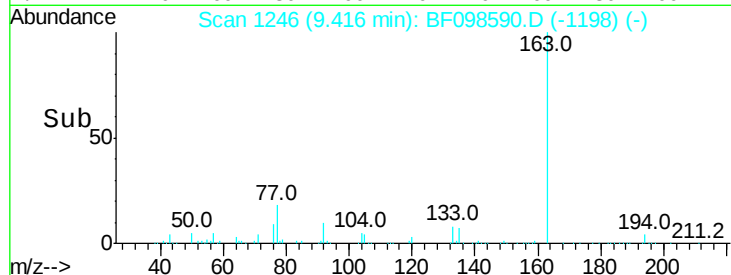
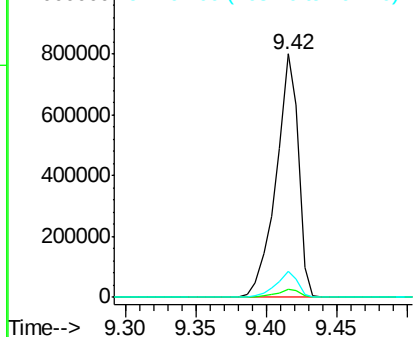
#49
Dimethylphthalate
Concen: 49.128 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

Tot Ion:163 Resp: 882038
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.5 8.4 12.6

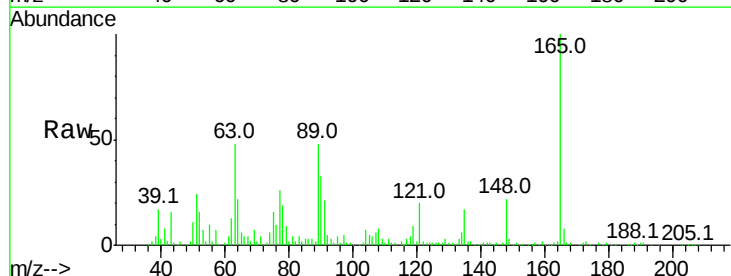


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

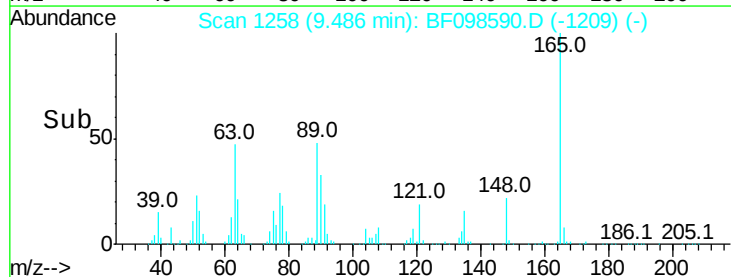
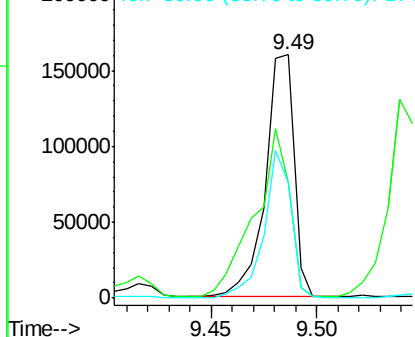


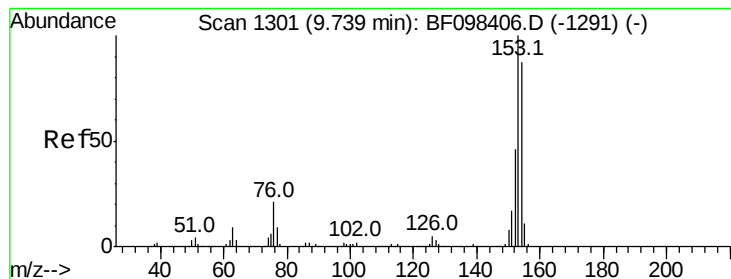
#50
2,6-Dinitrotoluene
Concen: 41.317 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Tgt Ion:165 Resp: 152374
Ion Ratio Lower Upper
165 100
63 47.6 34.3 51.5
89 47.7 37.1 55.7



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





#51

Acenaphthene

Concen: 38.055 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-INSIDEMS

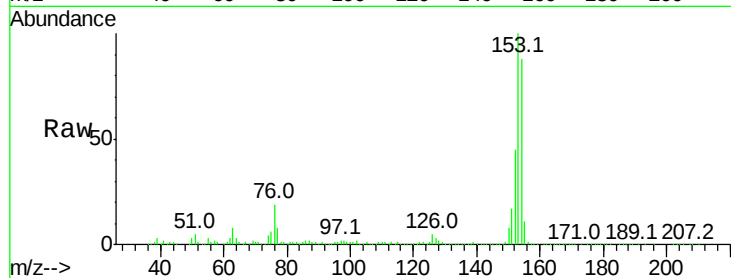
Tot Ion:154 Resp: 533258

Ion Ratio Lower Upper

154 100

153 114.1 90.5 135.7

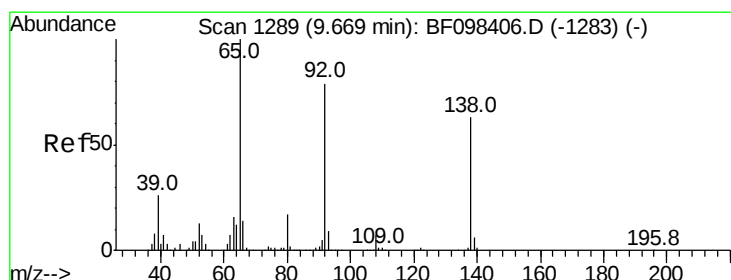
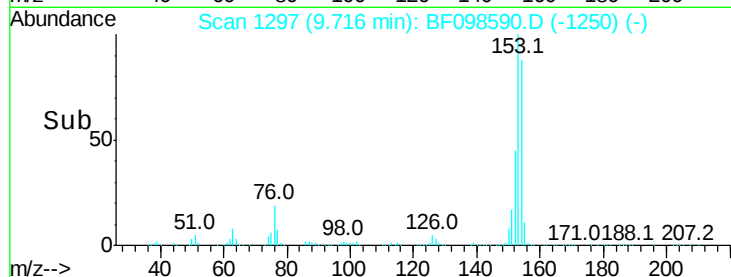
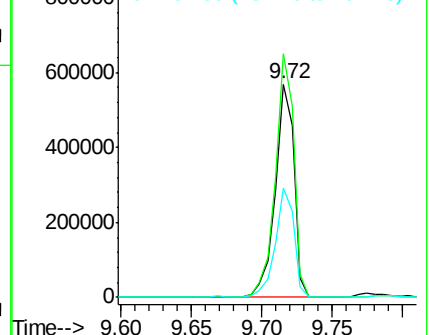
152 51.3 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.025 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

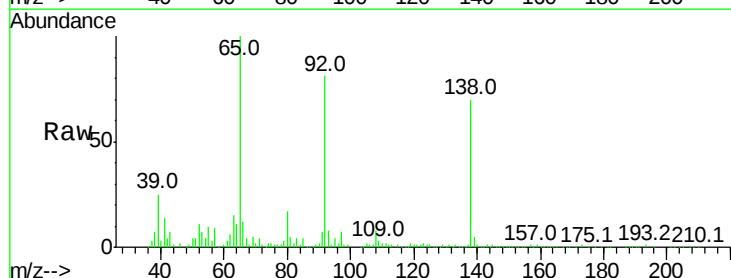
Tgt Ion:138 Resp: 147023

Ion Ratio Lower Upper

138 100

108 11.8 9.1 13.7

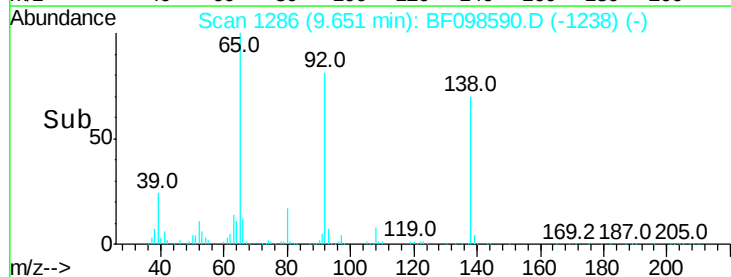
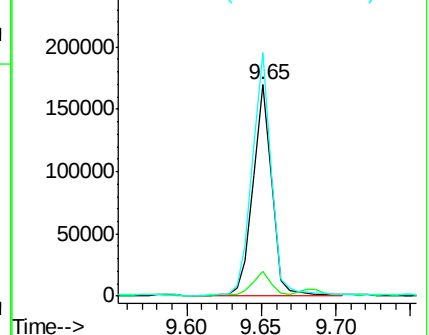
92 115.2 93.8 140.6

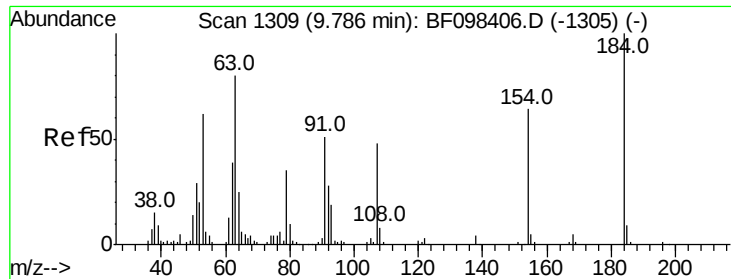


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

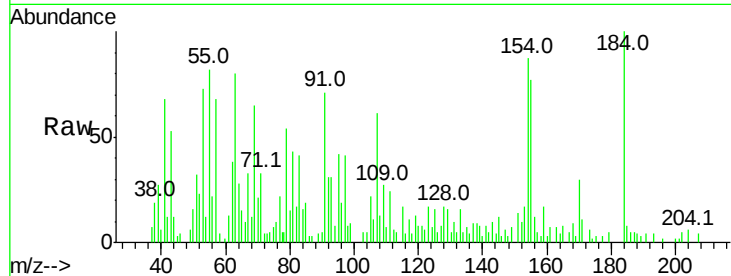




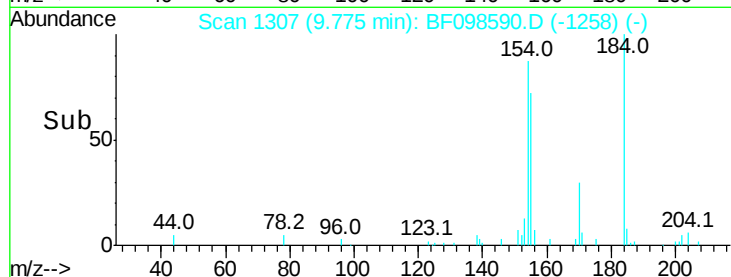
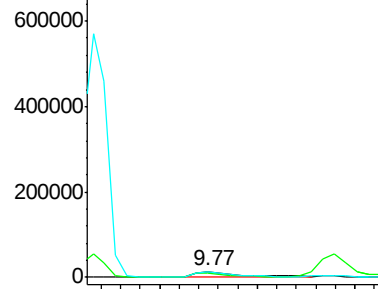
#53
2,4-Dinitrophenol
Concen: 20.417 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

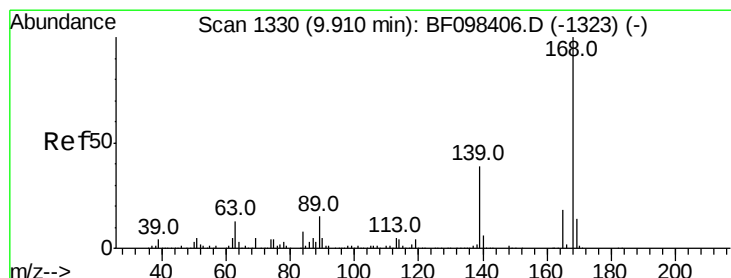
Tot Ion:184 Resp: 23203
Ion Ratio Lower Upper
184 100
63 80.4 62.7 94.1
154 87.0 81.1 121.7



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

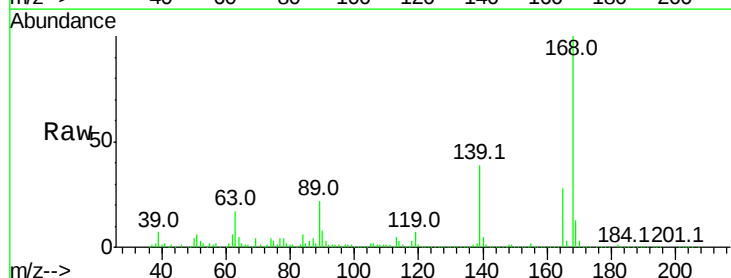


Time-->

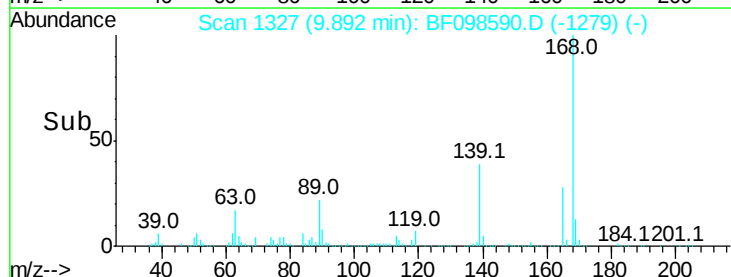
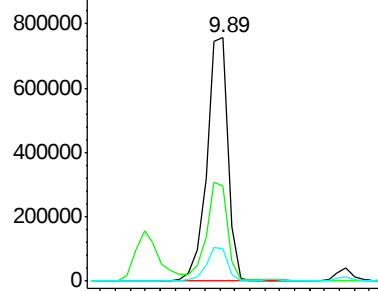


#54
Dibenzofuran
Concen: 40.708 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

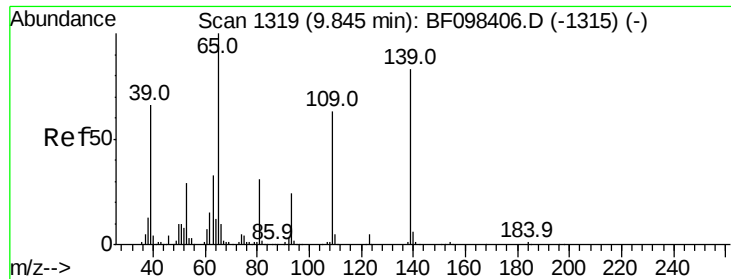
Tgt Ion:168 Resp: 751482
Ion Ratio Lower Upper
168 100
139 38.9 30.6 45.8
169 13.4 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



Time-->



#55

4-Nitrophenol

Concen: 67.694 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-INSIDEMS

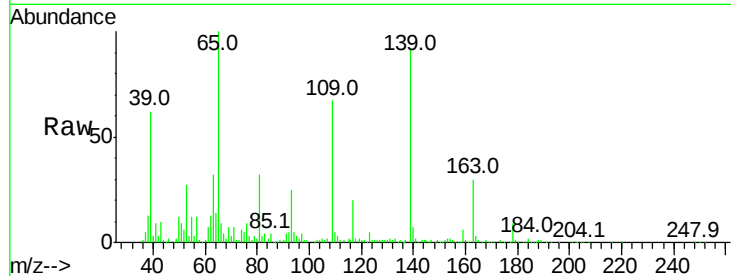
Tot Ion:139 Resp: 173140

Ion Ratio Lower Upper

139 100

109 73.4 34.1 74.1

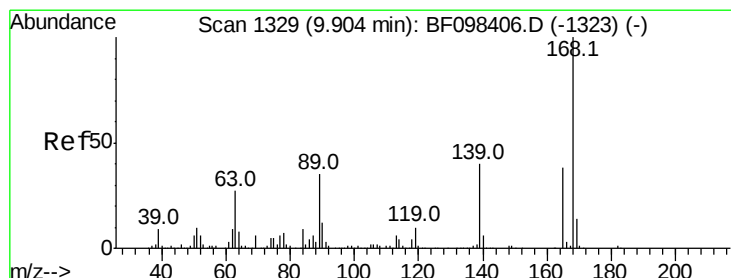
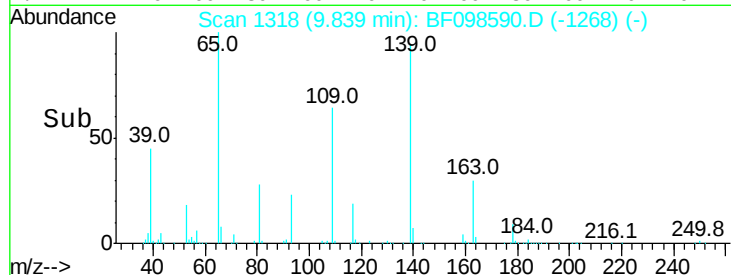
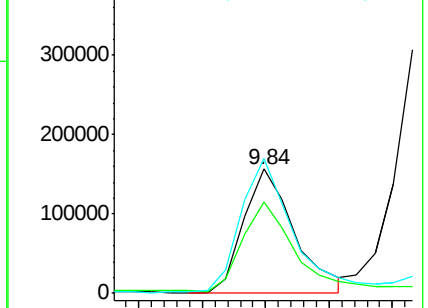
65 108.9 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.436 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

Tgt Ion:165 Resp: 185780

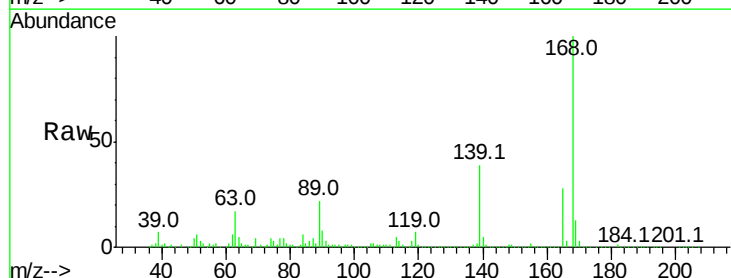
Ion Ratio Lower Upper

165 100

63 60.9 25.4 38.0#

89 79.7 46.4 69.6#

182 2.8 1.8 2.6#

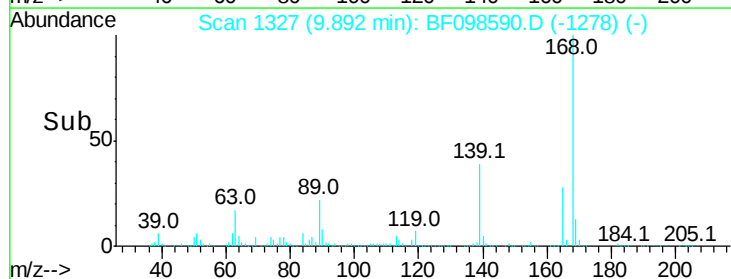
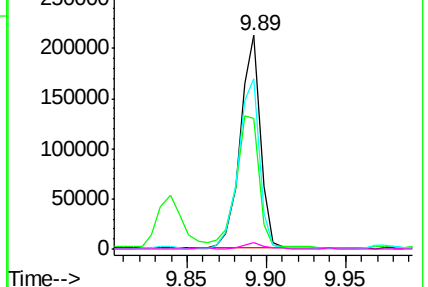


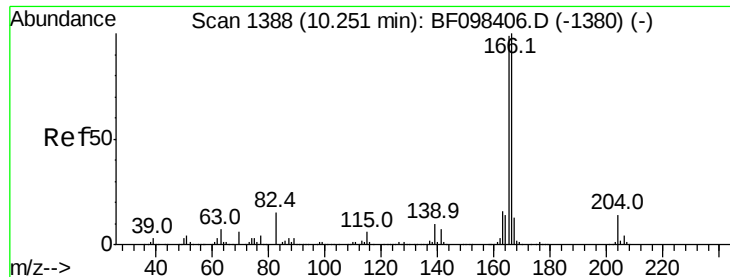
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.078 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.02 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-INSIDEMS

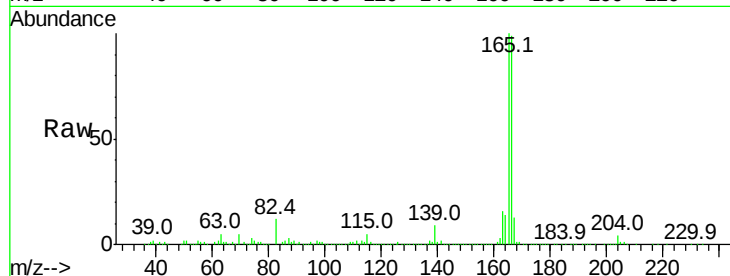
Tot Ion:166 Resp: 581813

Ion Ratio Lower Upper

166 100

165 100.5 78.8 118.2

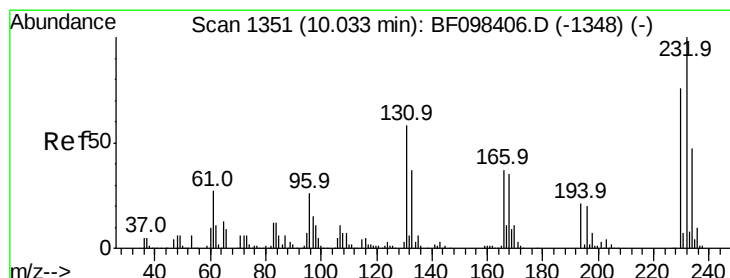
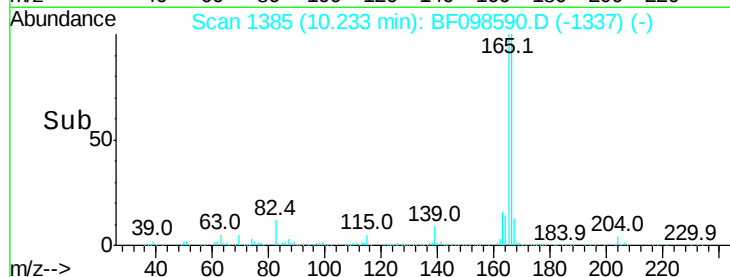
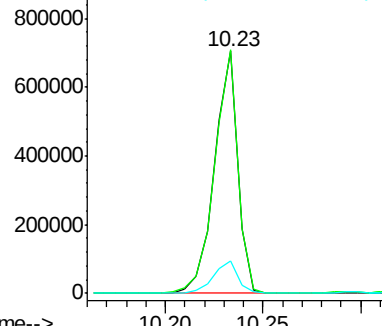
167 13.3 10.6 16.0



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: 44.747 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.02 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

Tgt Ion:232 Resp: 133387

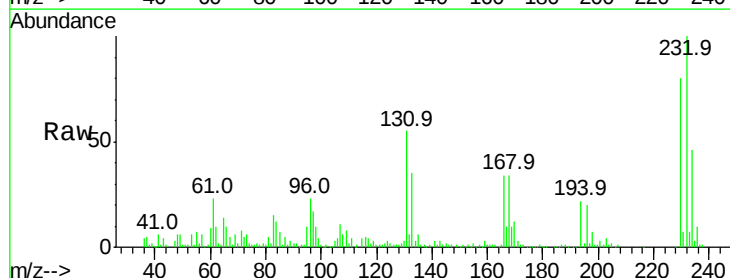
Ion Ratio Lower Upper

232 100

131 54.8 44.8 67.2

130 2.8 2.3 3.5

166 33.7 29.0 43.4

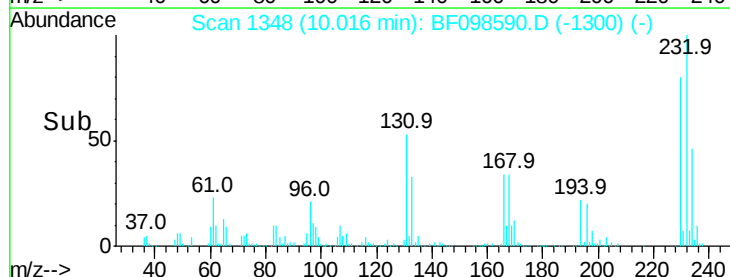
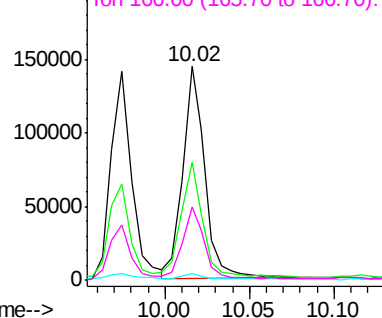


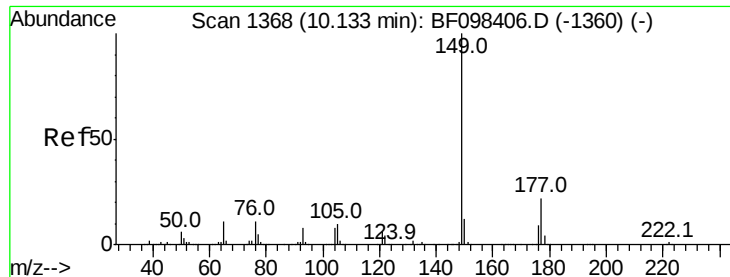
Abundance Ion 232.00 (231.70 to 232.70): E

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

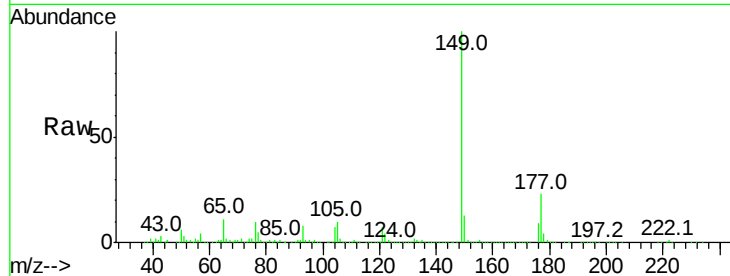




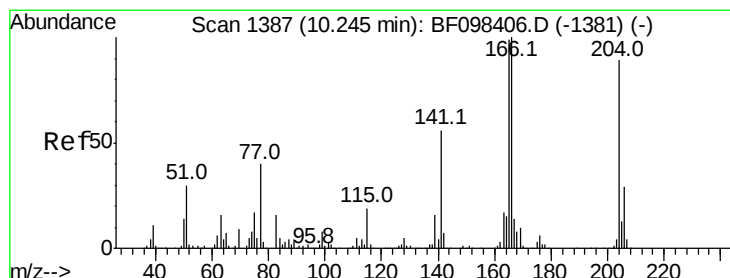
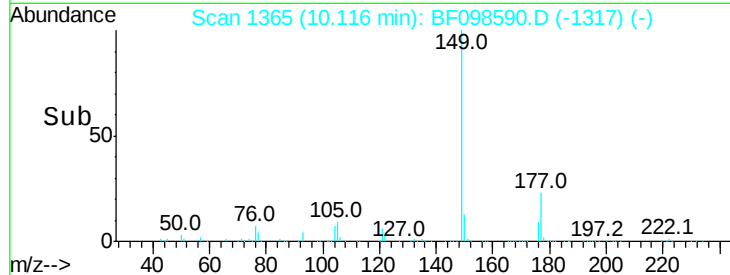
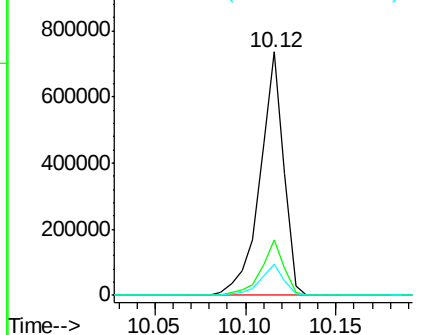
#59
Diethylphthalate
Concen: 38.912 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

Tot Ion:149 Resp: 664413
Ion Ratio Lower Upper
149 100
177 22.6 16.7 25.1
150 12.7 10.2 15.2

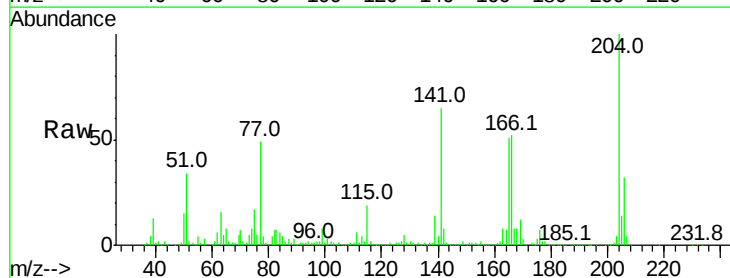


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

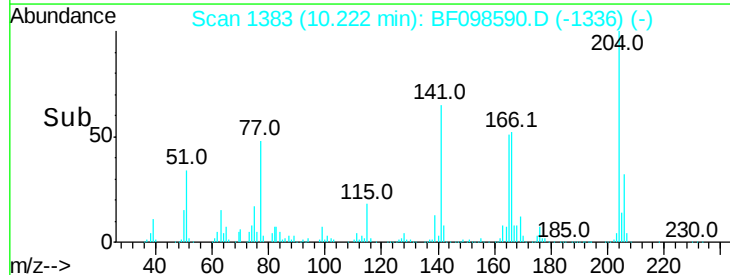
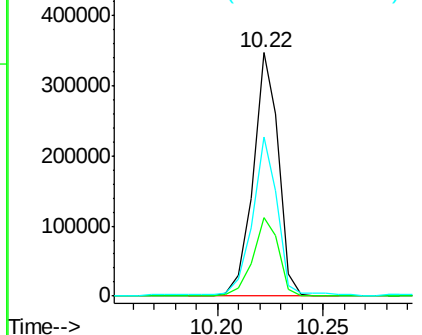


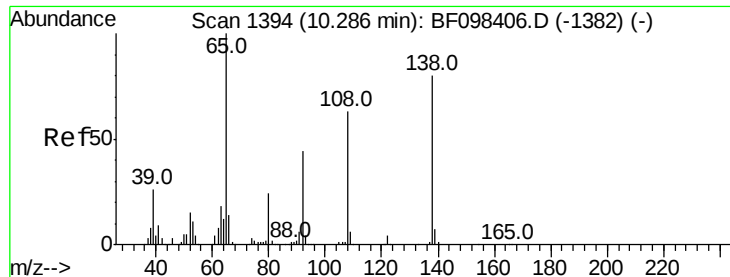
#60
4-Chlorophenyl-phenylether
Concen: 40.673 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Tgt Ion:204 Resp: 287051
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.2
141 65.3 60.8 91.2



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

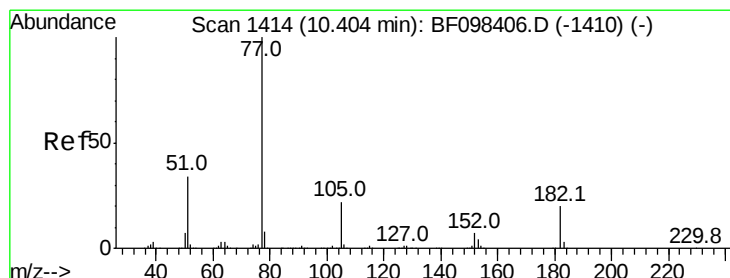
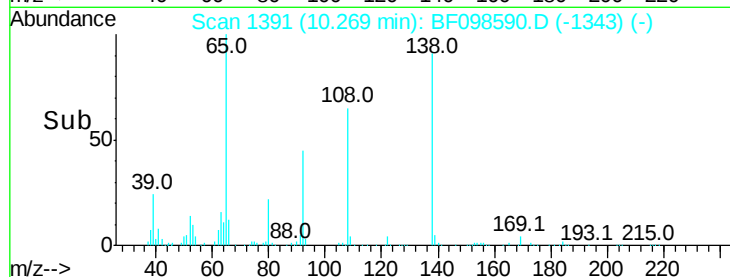
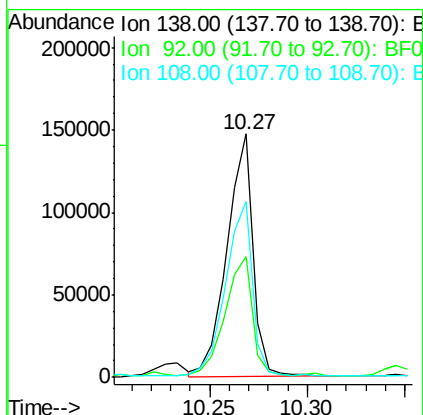
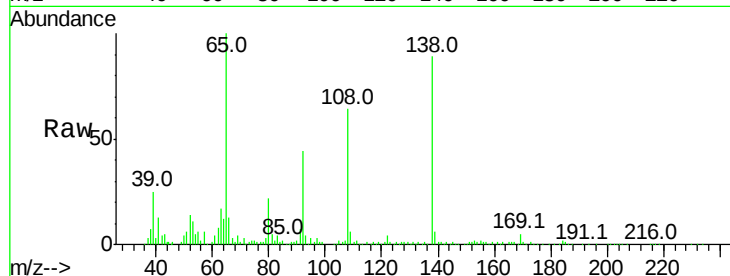




#61
4-Nitroaniline
Concen: 30.222 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

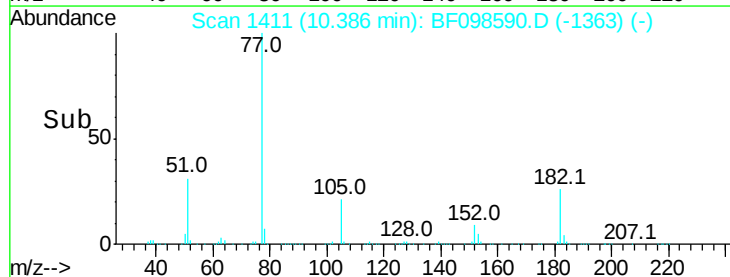
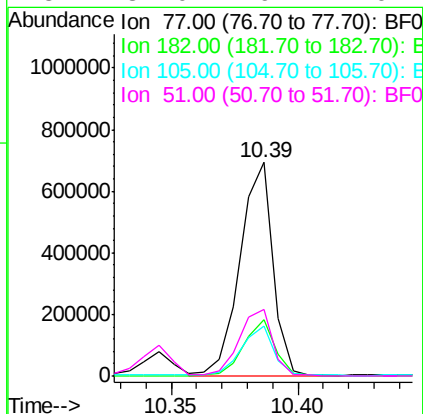
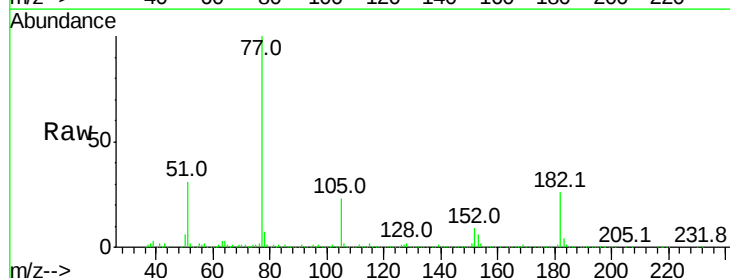
Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

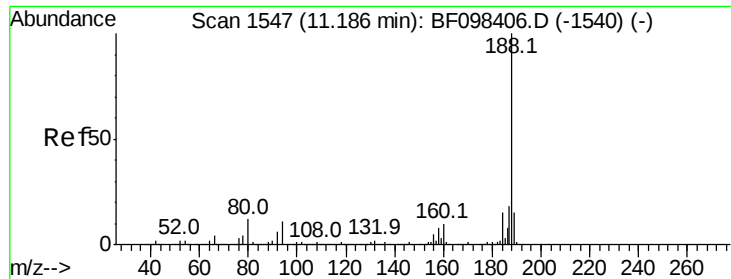
Tot Ion:138 Resp: 135872
Ion Ratio Lower Upper
138 100
92 49.4 21.8 61.8
108 72.2 42.3 82.3



#62
Azobenzene
Concen: 33.861 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Tgt Ion: 77 Resp: 623141
Ion Ratio Lower Upper
77 100
182 26.2 0.1 40.1
105 23.3 3.6 43.6
51 31.0 9.4 49.4

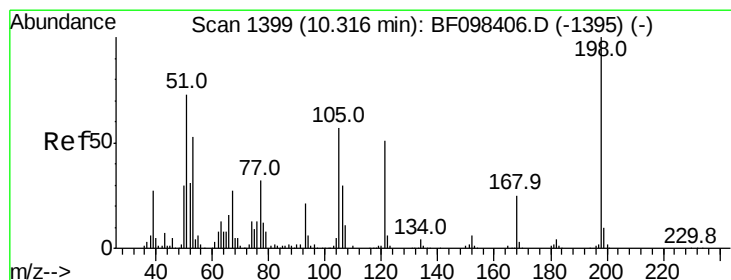
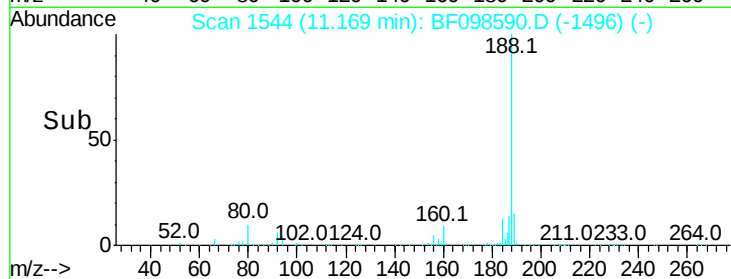
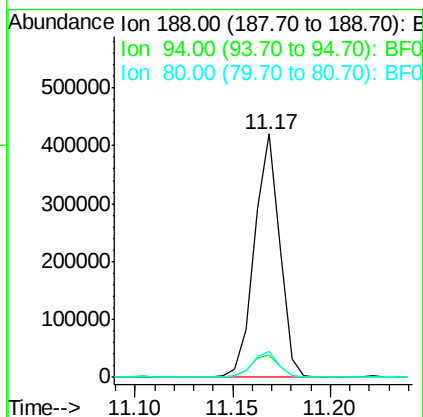
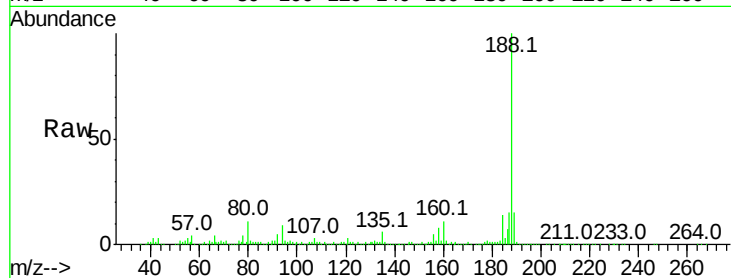




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

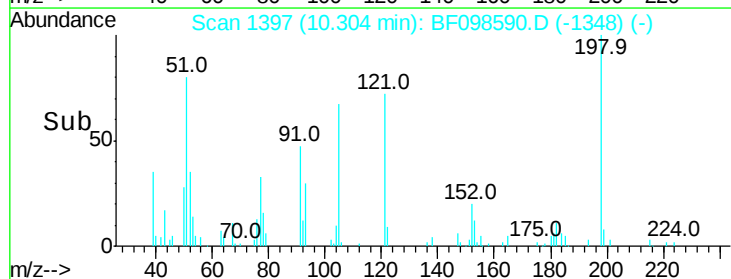
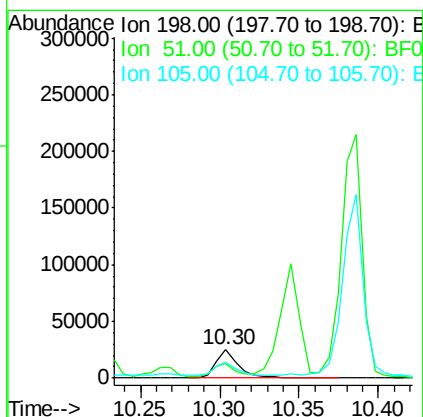
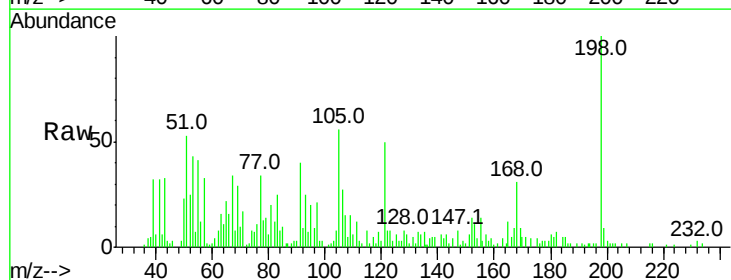
Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

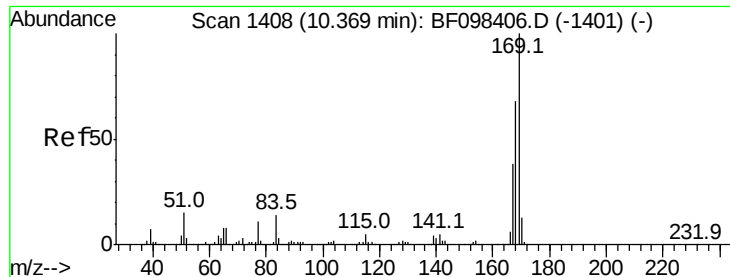
Tot Ion:188 Resp: 376542
Ion Ratio Lower Upper
188 100
94 9.3 9.4 14.2#
80 10.6 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 14.724 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Tgt Ion:198 Resp: 25141
Ion Ratio Lower Upper
198 100
51 52.9 53.2 93.2#
105 55.7 45.8 85.8

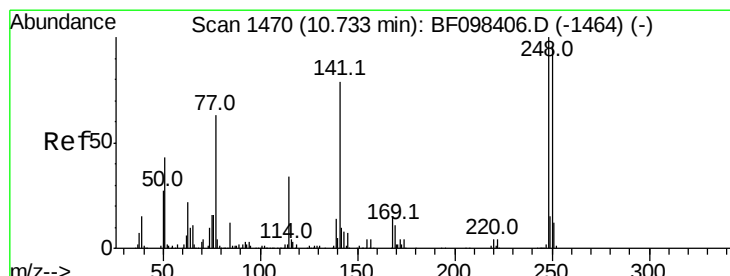
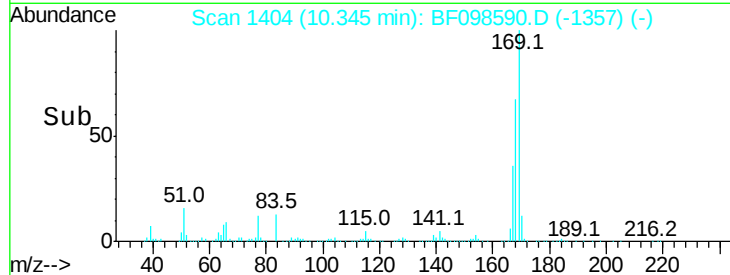
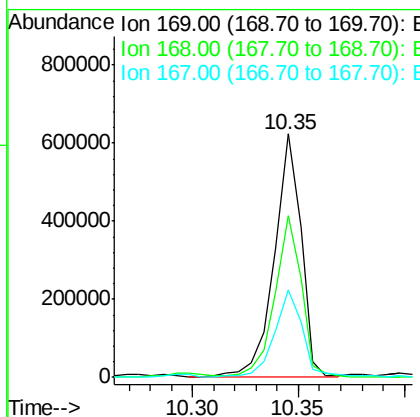
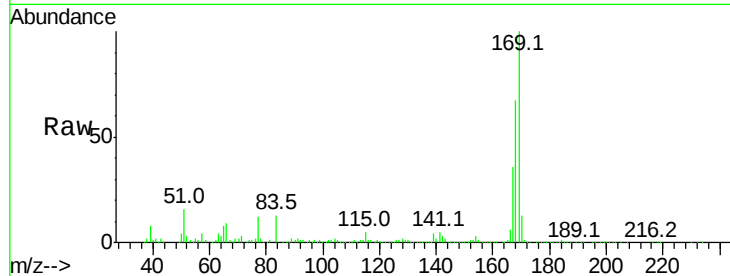




#65
n-Nitrosodiphenylamine
Concen: 44.582 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

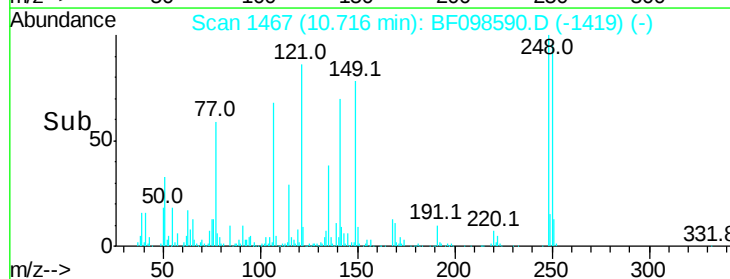
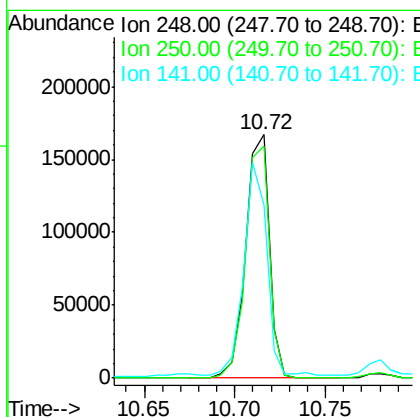
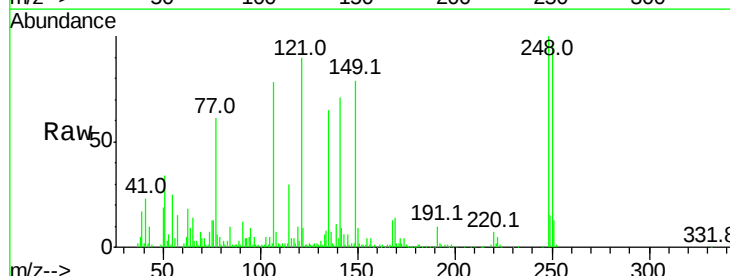
Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

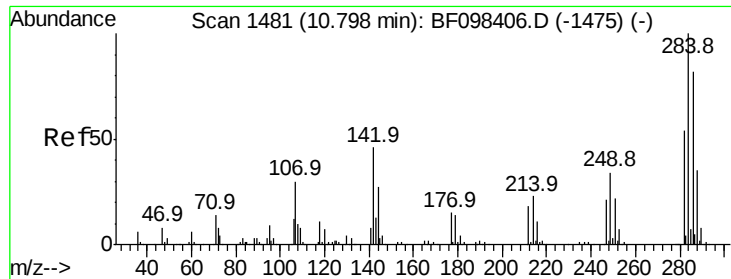
Tot Ion:169 Resp: 545078
Ion Ratio Lower Upper
169 100
168 66.6 53.2 79.8
167 35.7 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 42.425 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Tgt Ion:248 Resp: 151614
Ion Ratio Lower Upper
248 100
250 95.6 76.8 115.2
141 71.0 68.6 103.0

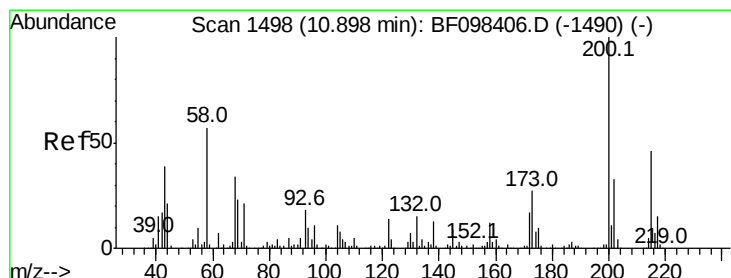
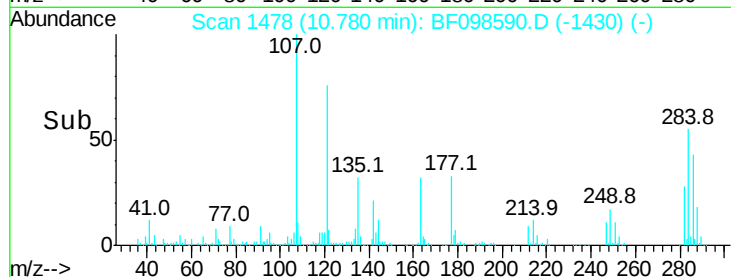
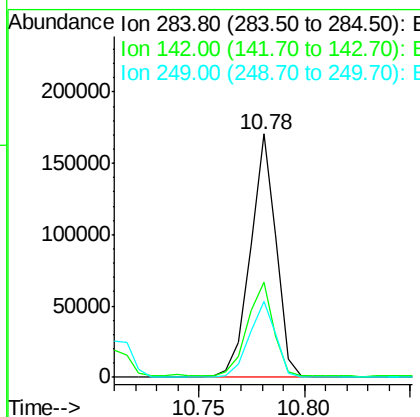
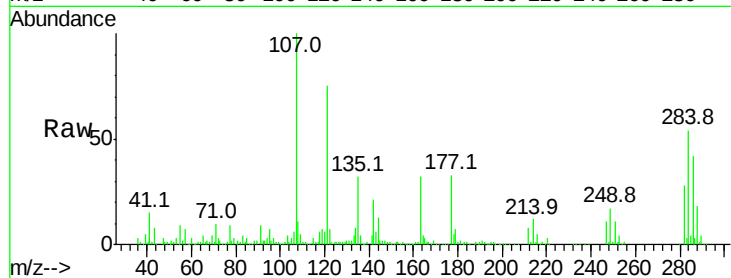




#67
Hexachlorobenzene
Concen: 39.666 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

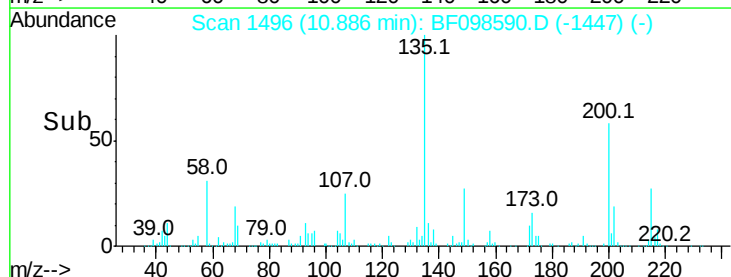
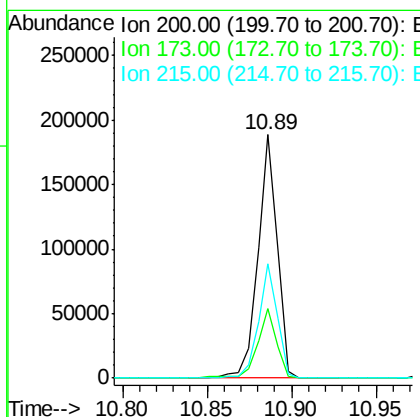
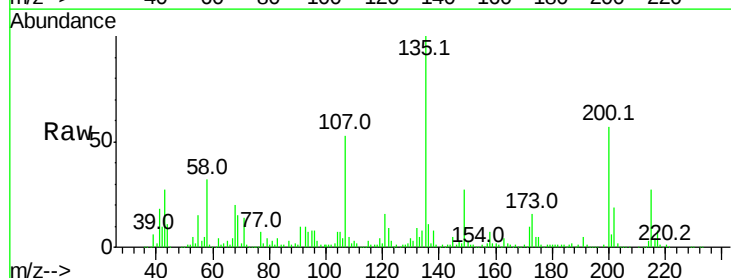
Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

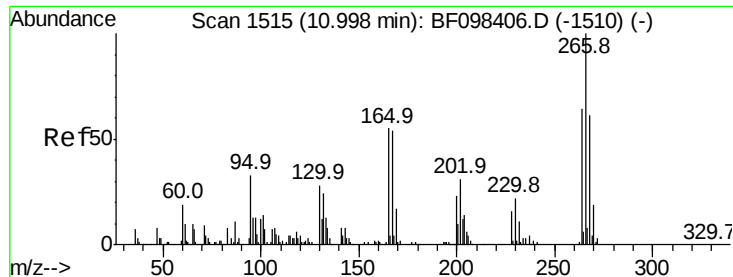
Tot Ion:284 Resp: 143789
Ion Ratio Lower Upper
284 100
142 39.1 22.8 34.2#
249 31.4 24.0 36.0



#68
Atrazine
Concen: 40.096 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Tgt Ion:200 Resp: 150922
Ion Ratio Lower Upper
200 100
173 28.5 6.3 46.3
215 47.0 27.2 67.2

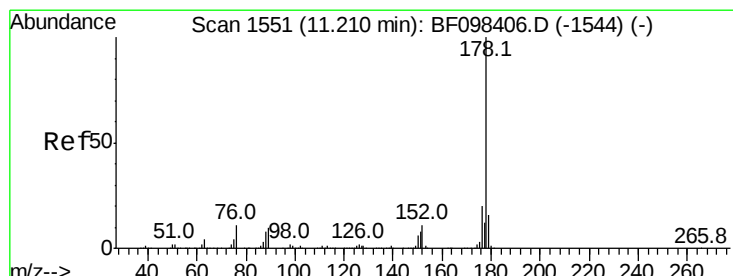
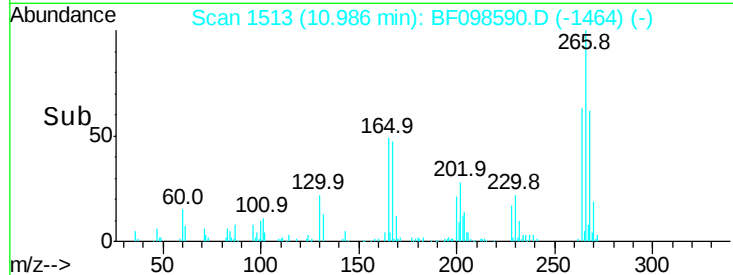
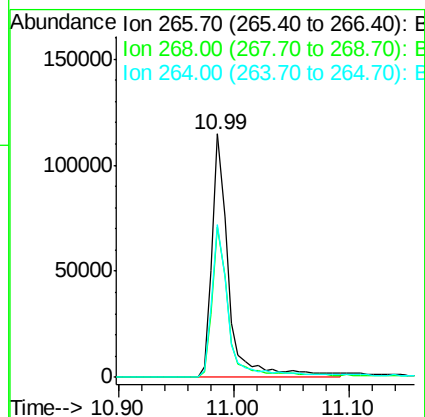
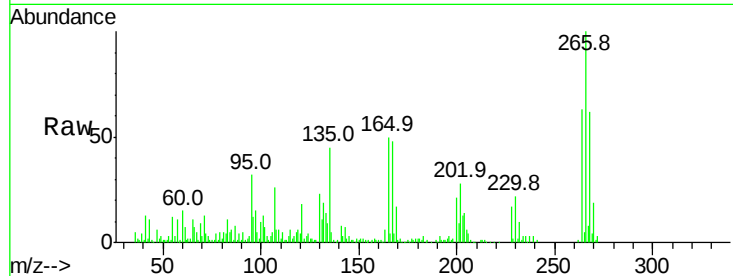




#69
 Pentachlorophenol
 Concen: 73.423 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

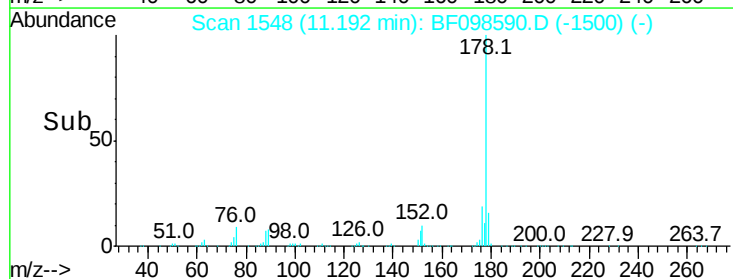
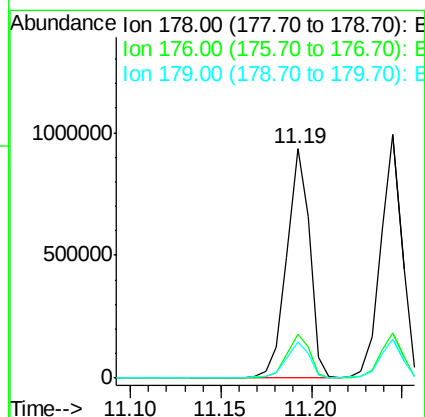
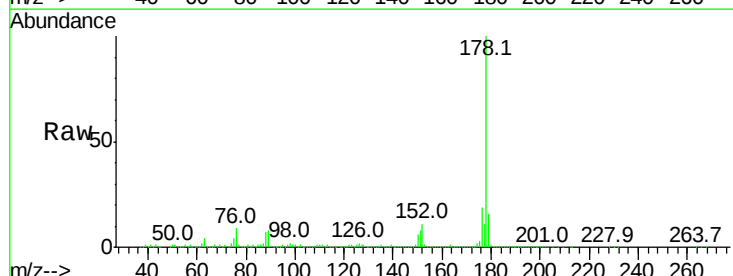
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMS

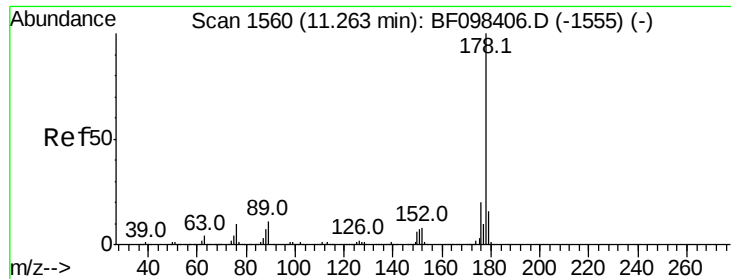
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.7	51.1	76.7
264	62.6	51.7	77.5



#70
 Phenanthrene
 Concen: 41.278 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.2	24.4
179	15.9	12.6	19.0

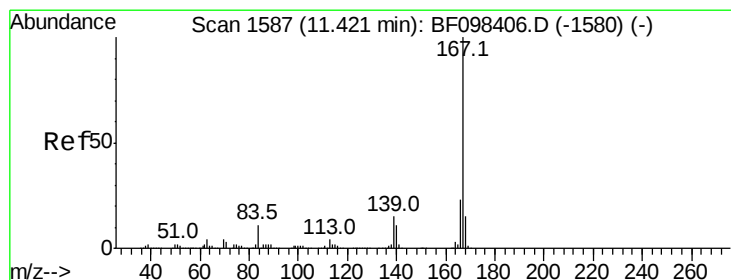
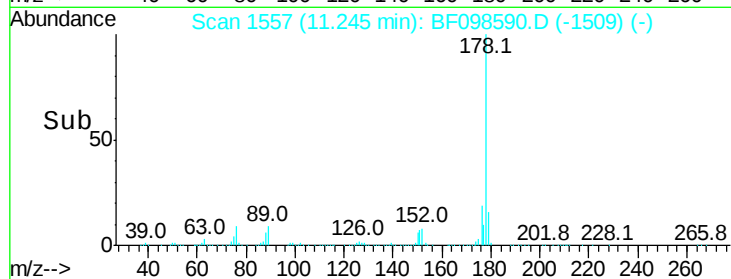
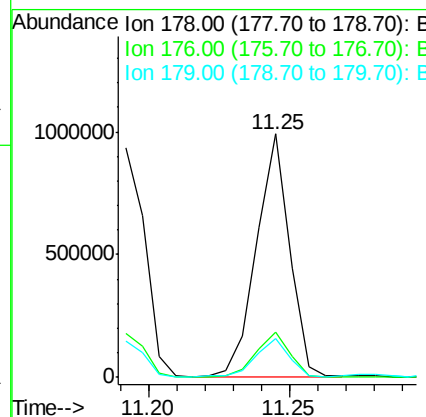
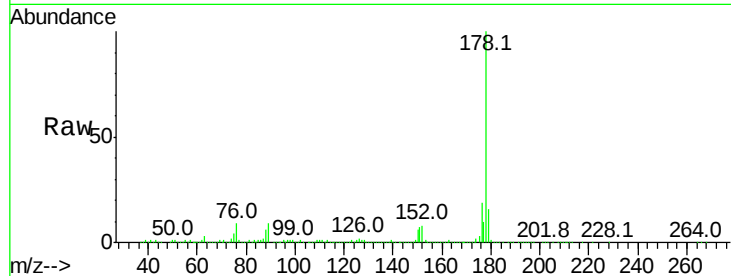




#71
 Anthracene
 Concen: 39.312 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

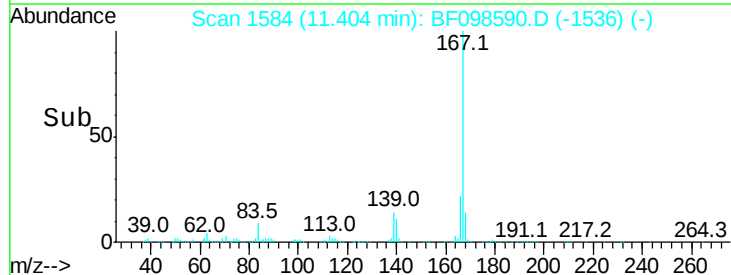
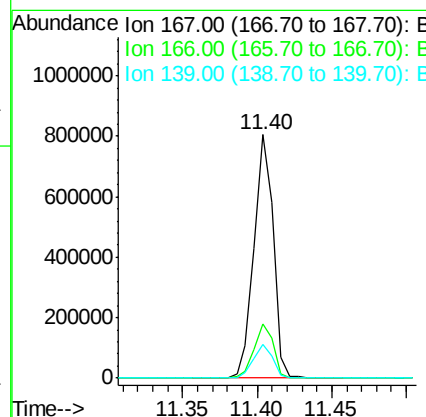
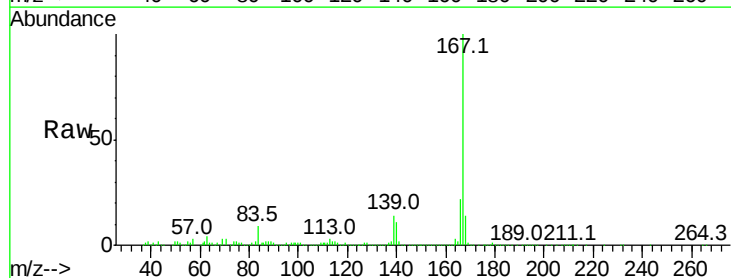
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMS

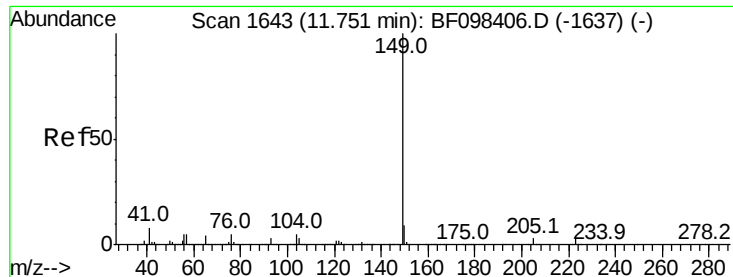
Tot Ion:178 Resp: 805693
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 37.325 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Tgt Ion:167 Resp: 712913
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 14.1 11.7 17.5





#73

Di-n-butylphthalate

Concen: 39.142 ng

RT: 11.73 min Scan# 1640

Delta R.T. -0.02 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-INSIDEMS

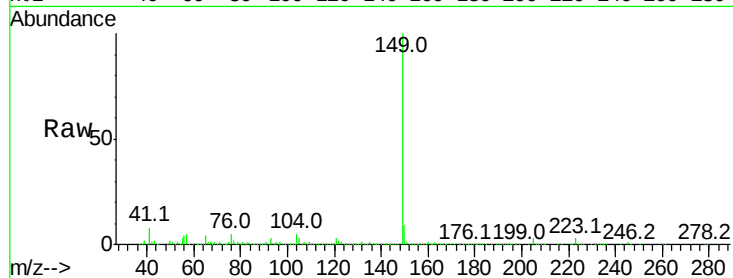
Tot Ion:149 Resp: 895758

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

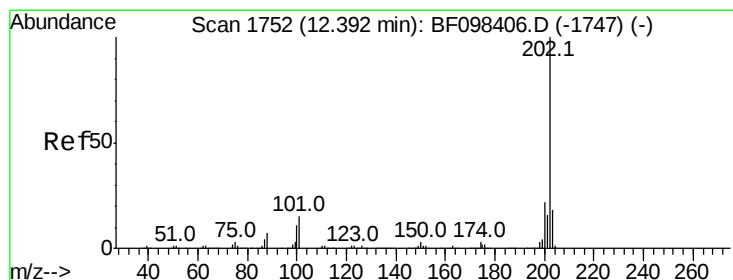
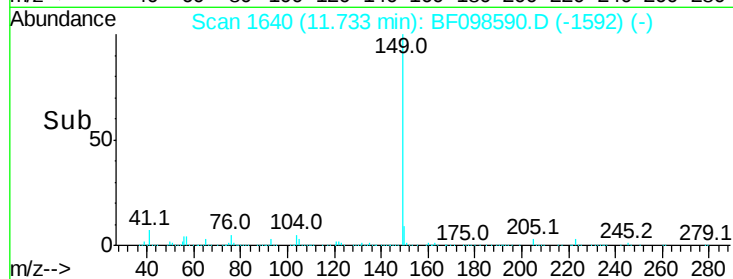
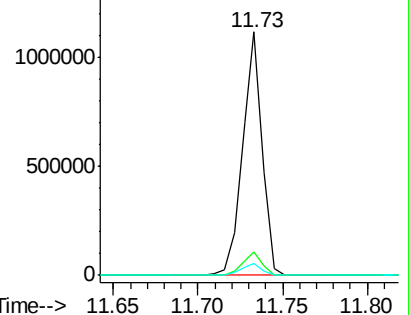
104 4.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.212 ng

RT: 12.38 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

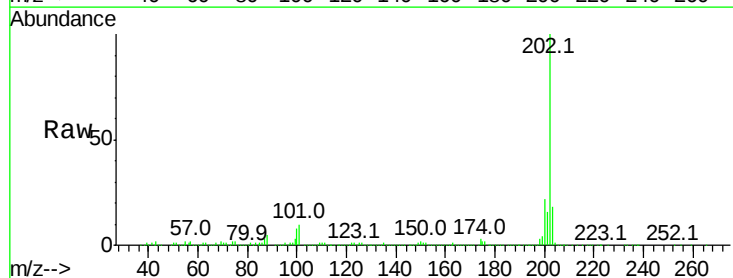
Tgt Ion:202 Resp: 683661

Ion Ratio Lower Upper

202 100

101 9.9 0.0 33.2

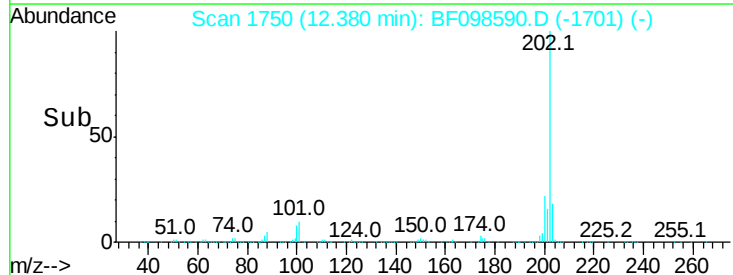
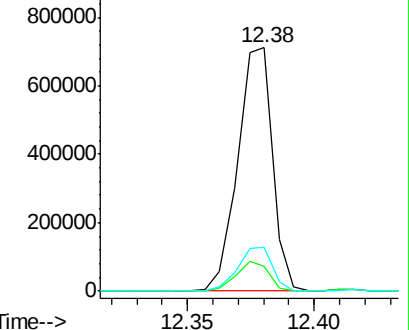
203 17.8 0.0 38.1

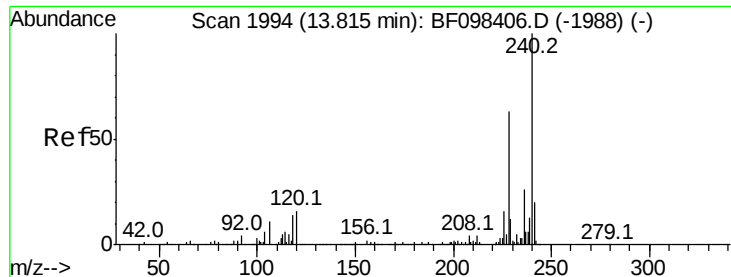


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-INSIDEMS

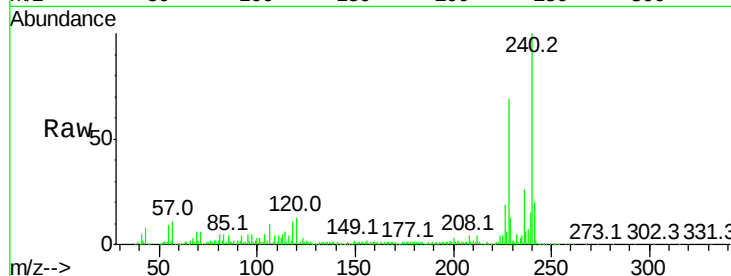
Tot Ion:240 Resp: 224011

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

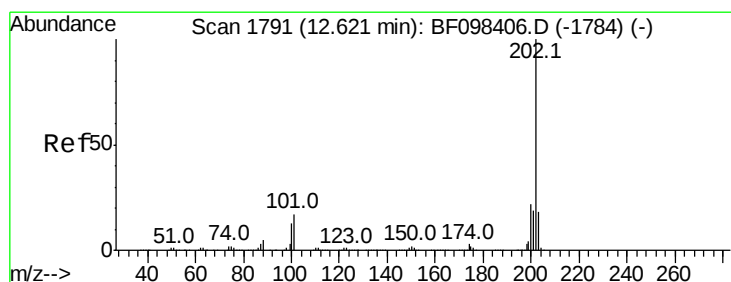
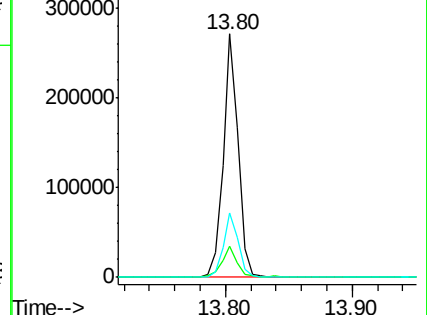
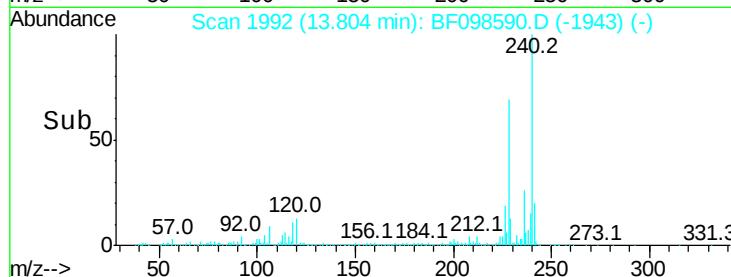
236 26.5 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 38.894 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.02 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

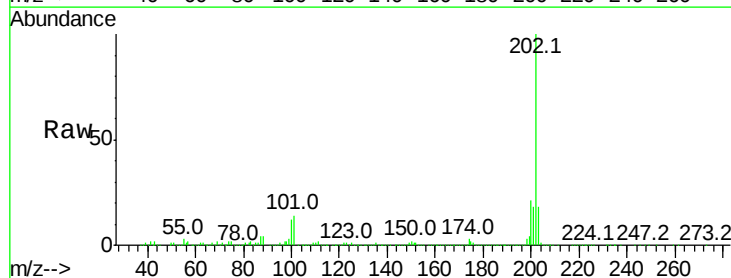
Tgt Ion:202 Resp: 687317

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

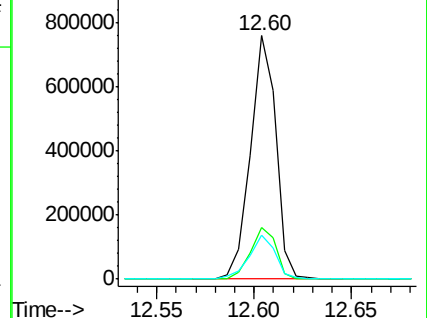
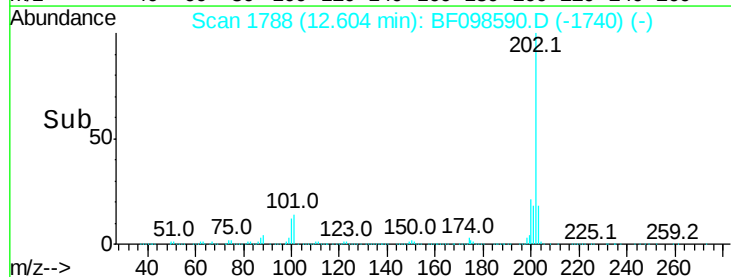
203 18.0 14.4 21.6

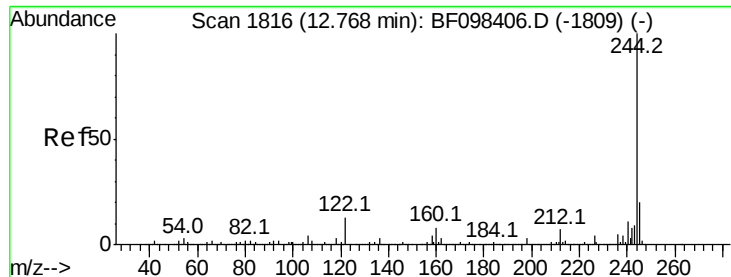


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 56.186 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-INSIDEMS

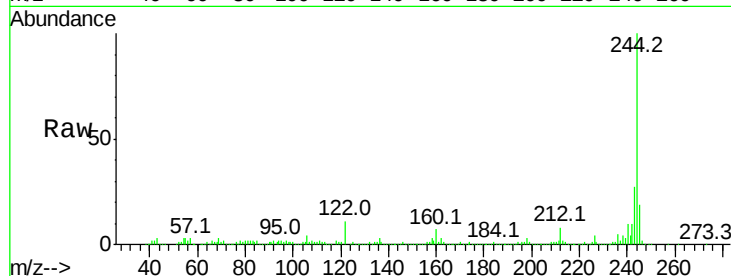
Tot Ion:244 Resp: 583109

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

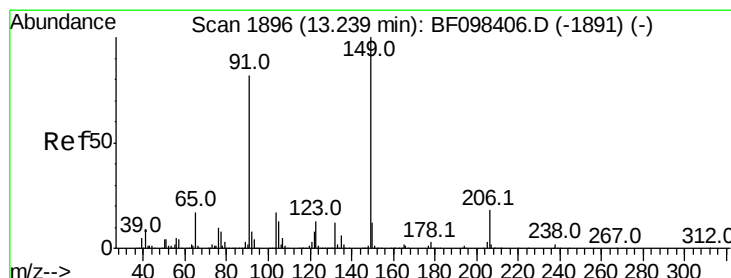
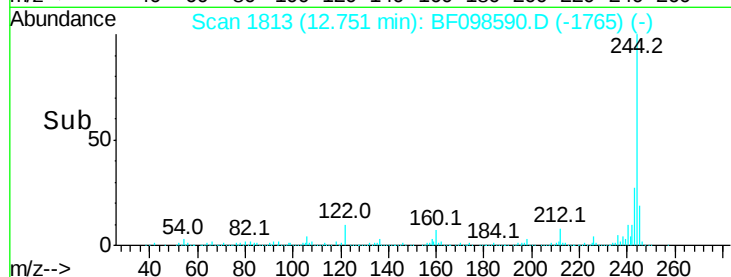
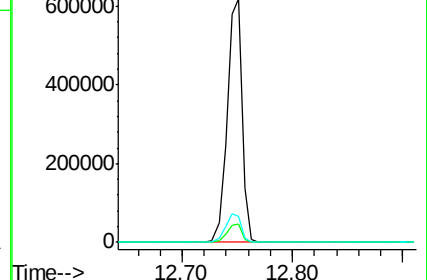
122 10.6 10.3 15.5



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: 38.461 ng

RT: 13.23 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

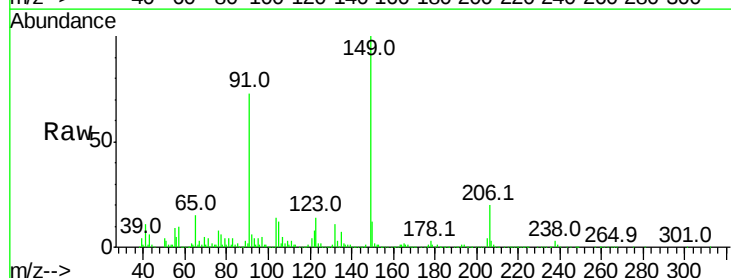
Tgt Ion:149 Resp: 294851

Ion Ratio Lower Upper

149 100

91 73.4 45.0 67.4#

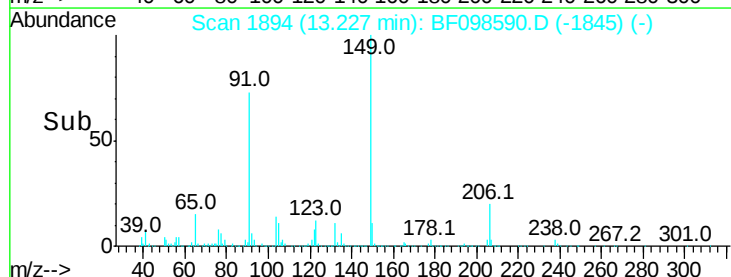
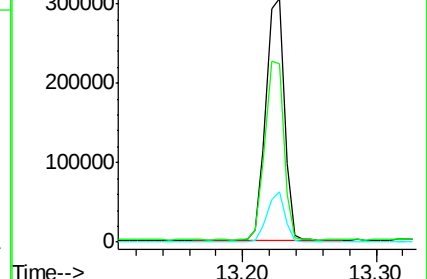
206 20.5 17.0 25.6

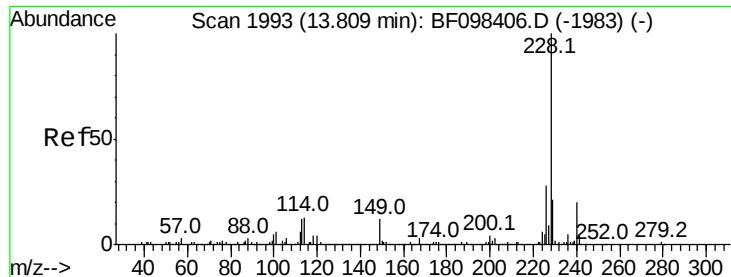


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 41.447 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-INSIDEMS

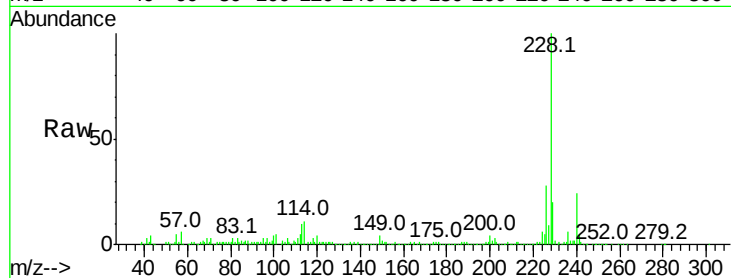
Tot Ion:228 Resp: 544344

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.3	16.3	24.5

228 100

226 27.6 22.6 33.8

229 20.3 16.3 24.5

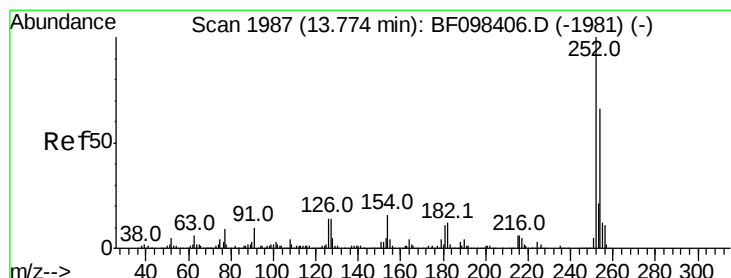
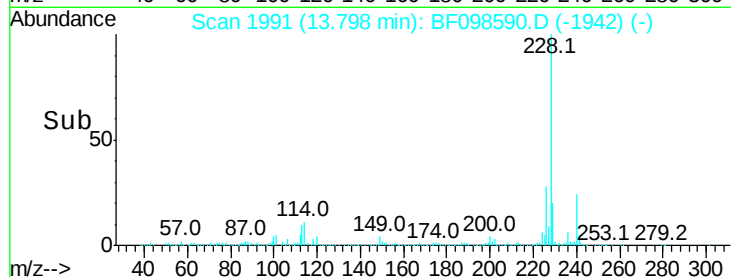
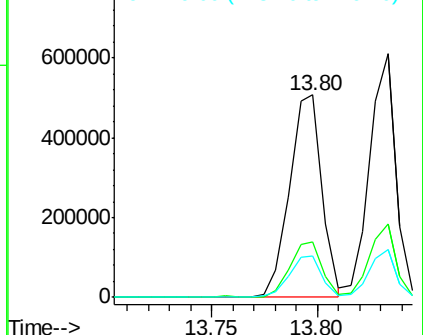


Abundance

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



#81

3,3'-Dichlorobenzidine

Concen: 24.909 ng

RT: 13.76 min Scan# 1984

Delta R.T. -0.02 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

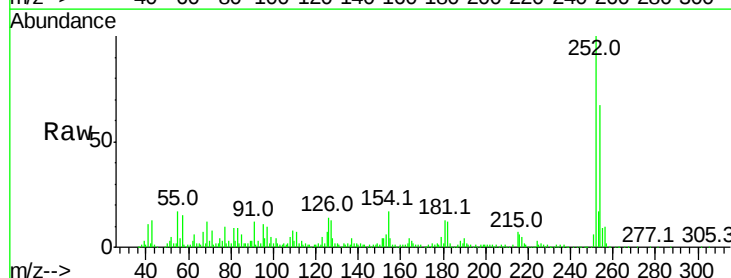
Tgt Ion:252 Resp: 127136

Ion	Ratio	Lower	Upper
252	100		
254	67.2	51.5	77.3
126	13.9	15.8	23.8

252 100

254 67.2 51.5 77.3

126 13.9 15.8 23.8#

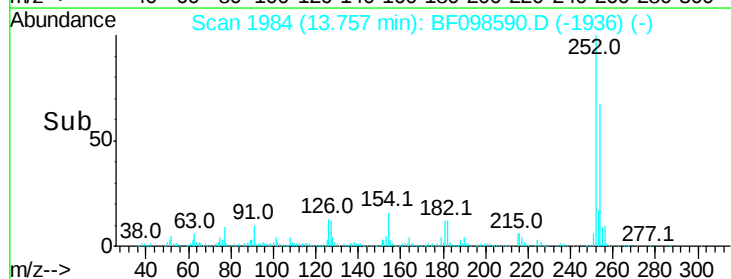
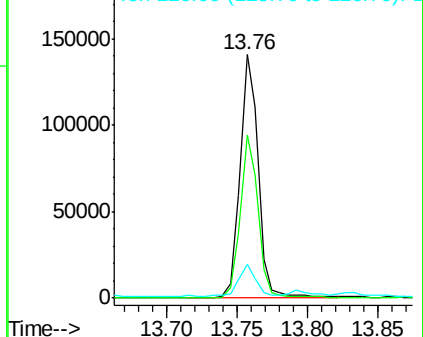


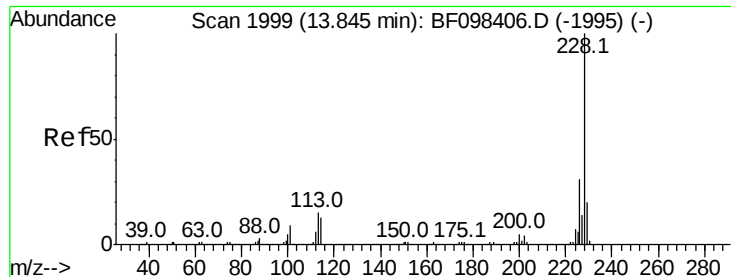
Abundance

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: 39.844 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-INSIDEMS

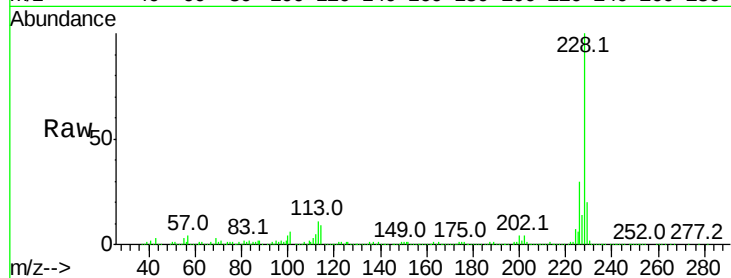
Tot Ion:228 Resp: 528954

Ion Ratio Lower Upper

228 100

226 30.0 24.9 37.3

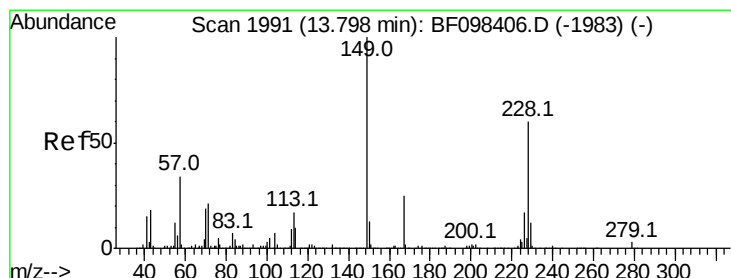
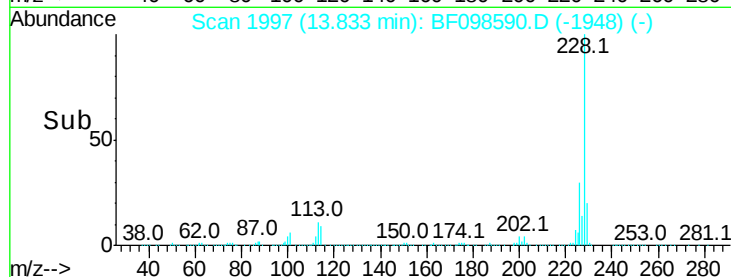
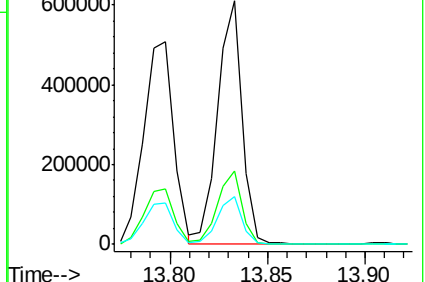
229 19.8 15.8 23.6



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: 41.323 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

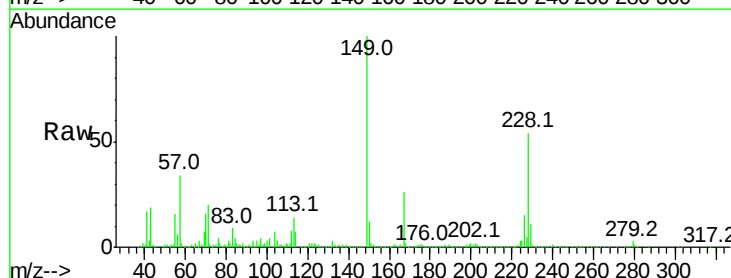
Tgt Ion:149 Resp: 397583

Ion Ratio Lower Upper

149 100

167 25.7 21.0 31.4

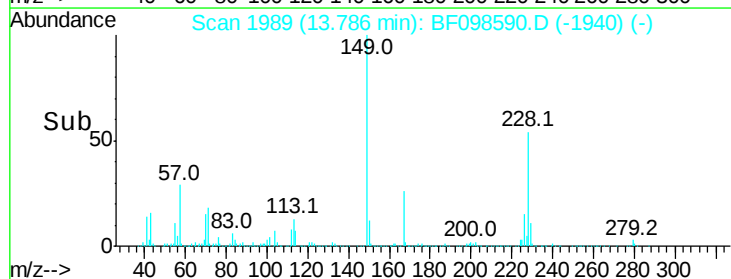
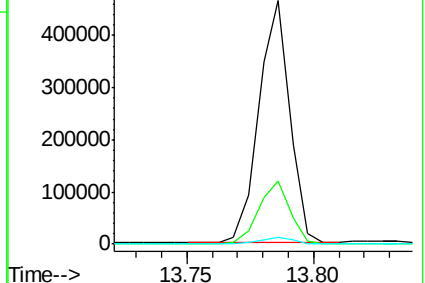
279 3.0 1.9 2.9#

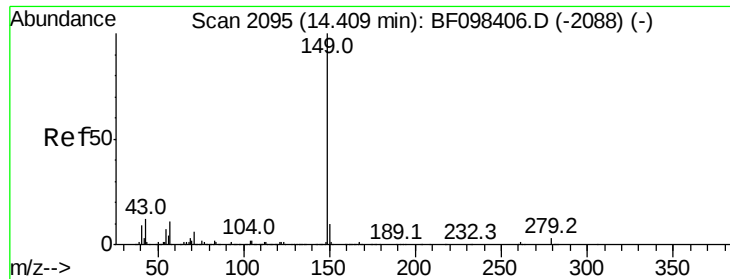


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 42.486 ng

RT: 14.40 min Scan# 2093

Delta R.T. -0.01 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-INSIDEMS

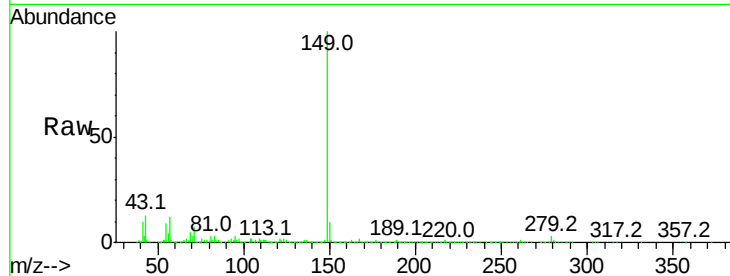
Tot Ion:149 Resp: 701347

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

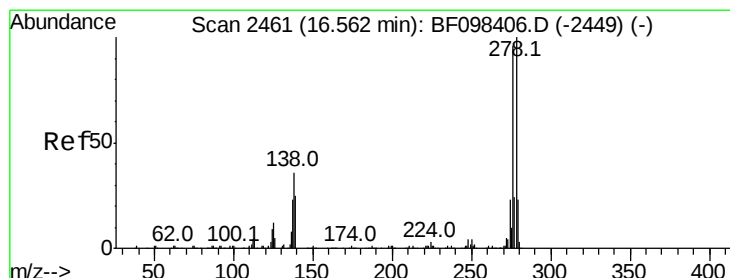
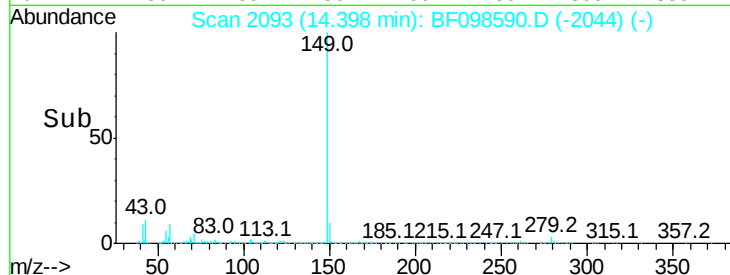
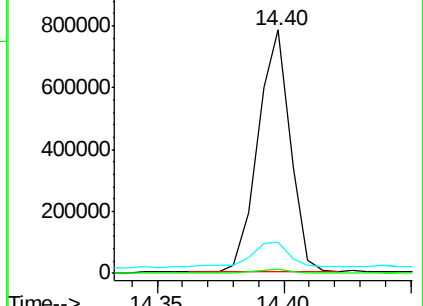
43 13.4 8.5 12.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 54.444 ng

RT: 16.57 min Scan# 2462

Delta R.T. 0.01 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

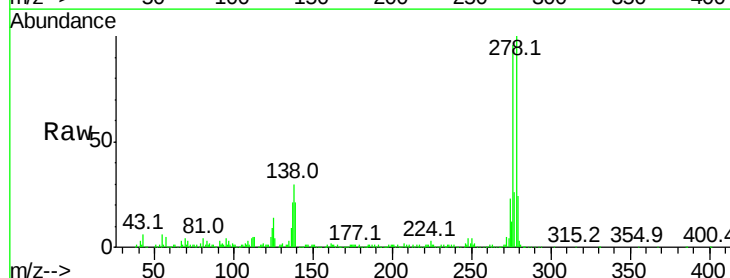
Tgt Ion:276 Resp: 507091

Ion Ratio Lower Upper

276 100

138 29.5 27.8 41.6

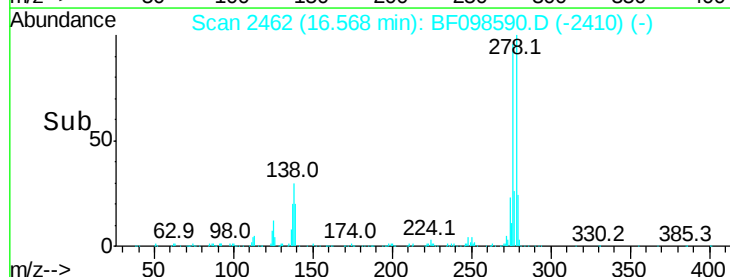
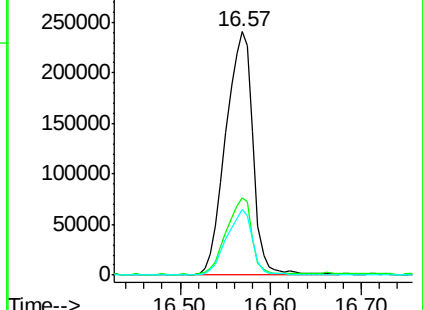
277 25.7 20.2 30.4

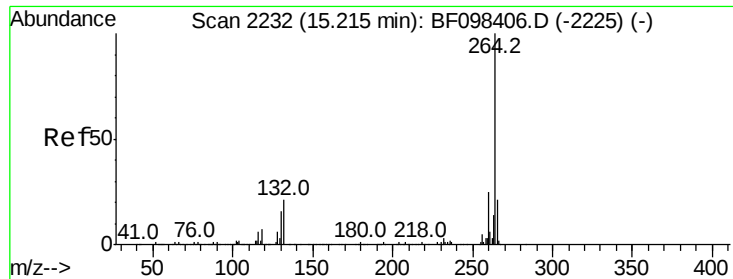


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

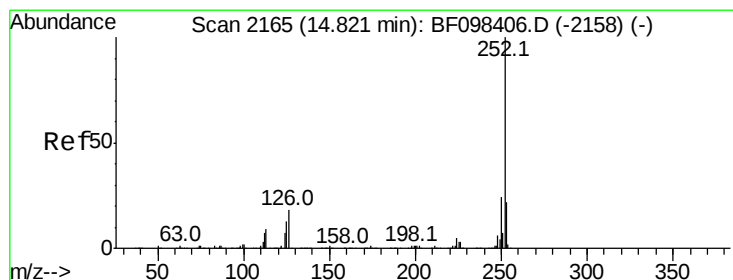
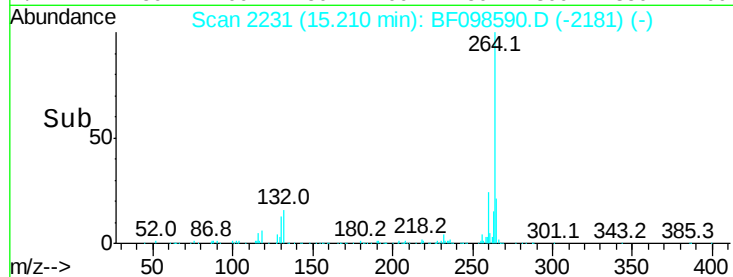
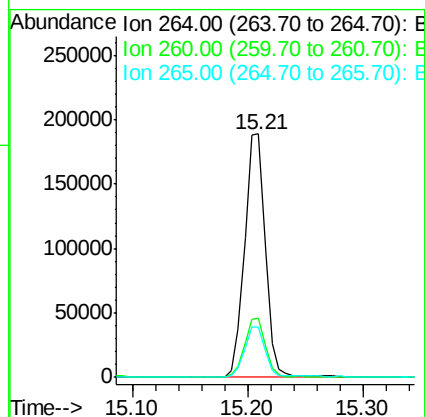
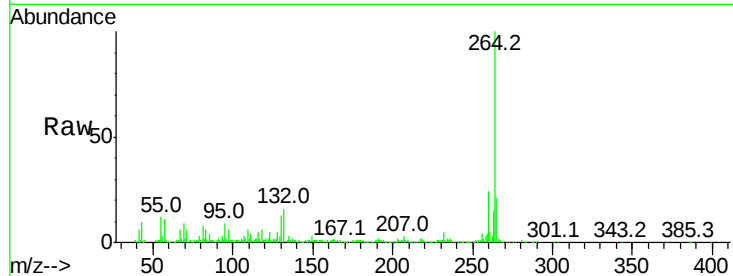




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

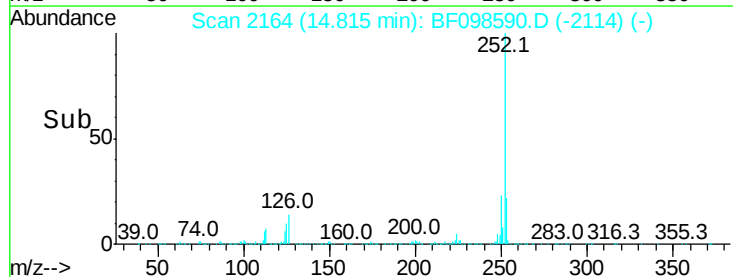
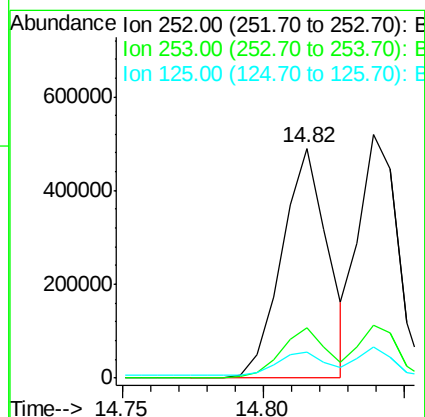
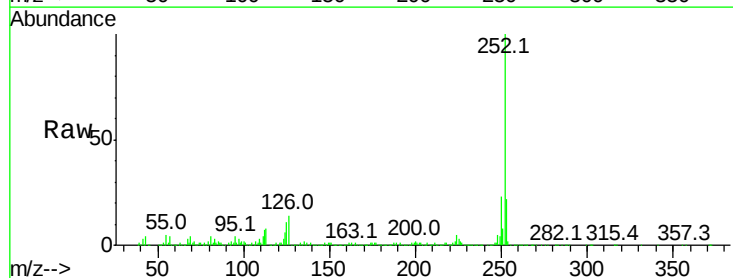
Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

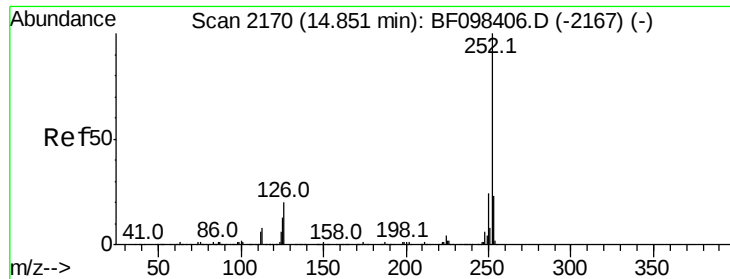
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	20.5	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 37.242 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	11.4	9.8	14.8

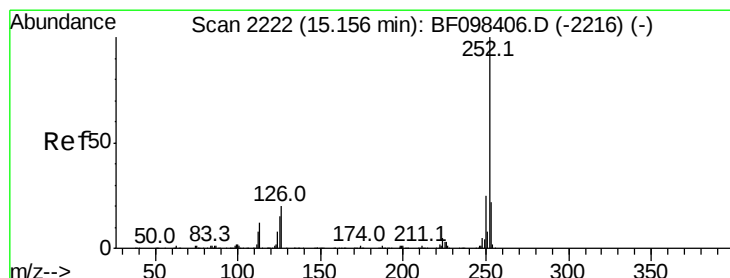
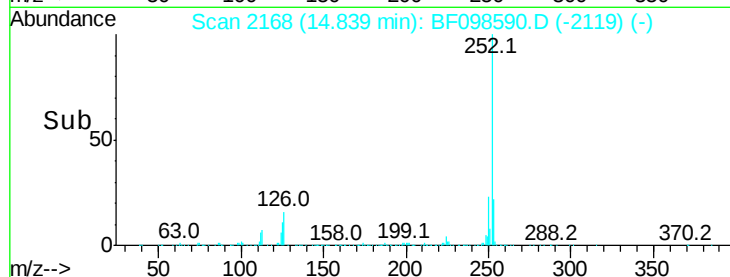
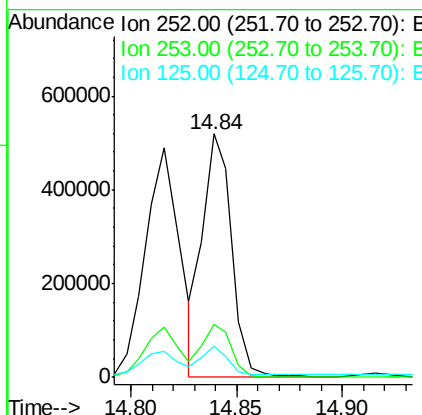
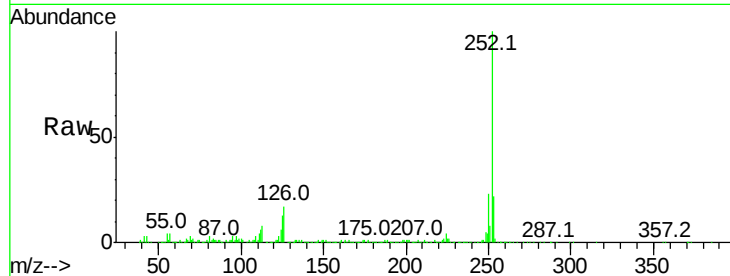




#88
Benzo(k)fluoranthene
Concen: 35.574 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

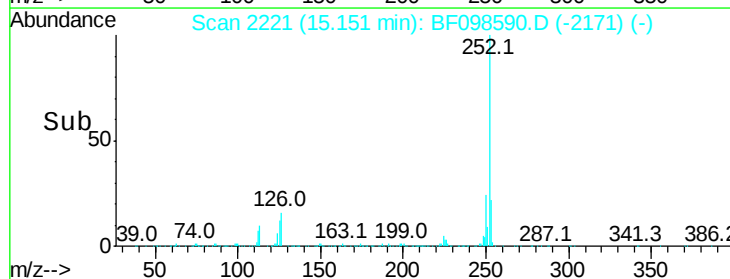
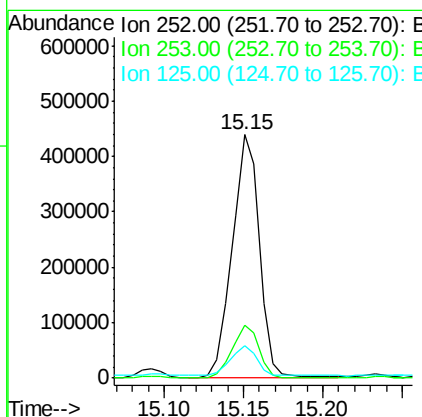
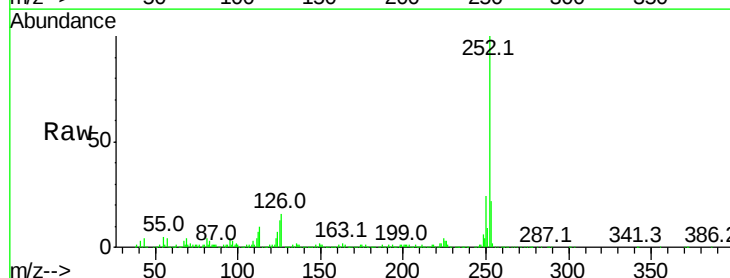
Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

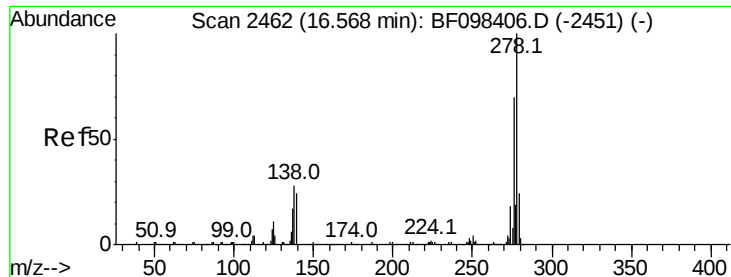
Tot Ion:252 Resp: 493368
Ion Ratio Lower Upper
252 100
253 21.8 18.4 27.6
125 12.7 13.1 19.7#



#89
Benzo(a)pyrene
Concen: 39.172 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Tgt Ion:252 Resp: 518445
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 13.2 11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 44.255 ng

RT: 16.57 min Scan# 2463

Delta R.T. 0.01 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-INSIDEMS

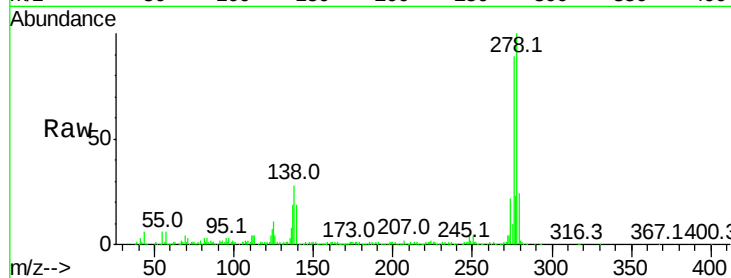
Tot Ion:278 Resp: 426070

Ion Ratio Lower Upper

278 100

139 18.9 16.6 24.8

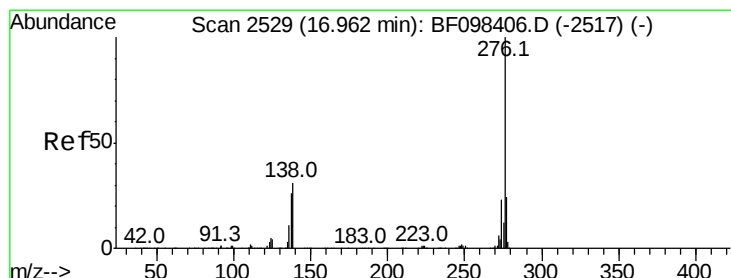
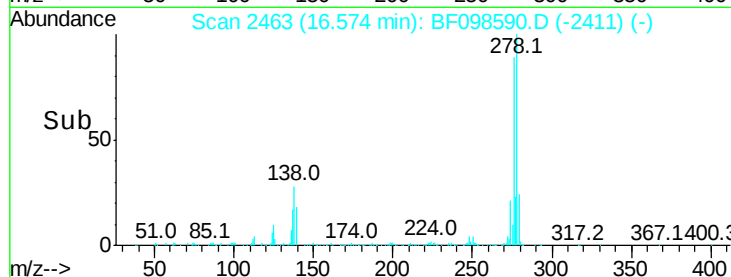
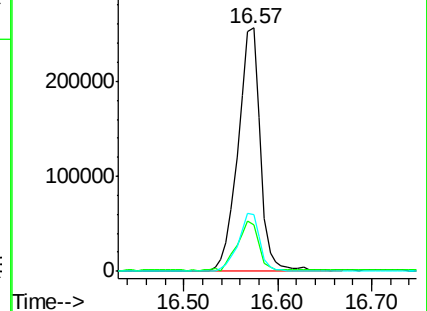
279 23.5 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 41.419 ng

RT: 16.97 min Scan# 2530

Delta R.T. 0.01 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

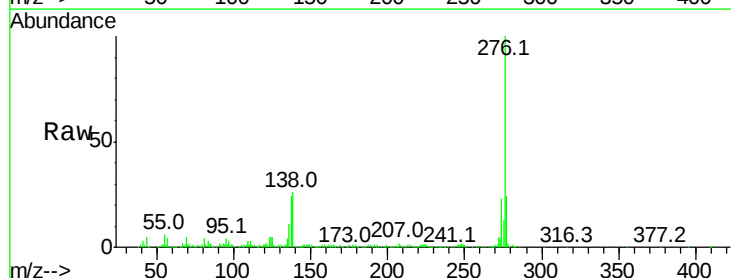
Tgt Ion:276 Resp: 401083

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 25.7 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

