

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

Manual Integrations
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Sohil
 9/18/2017 3:35:08 PM

Quant Time: Sep 18 10:48:06 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	8.48	113	76608m	32.190	ng	
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

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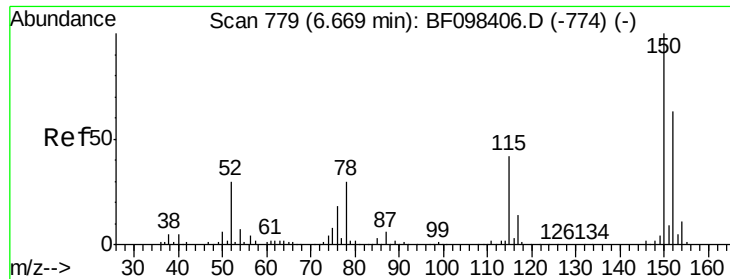
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	184423	43.459	ng	91
43) 2,4,5-Trichlorophenol	8.98	196	189633	42.753	ng	94
45) 1,1'-Biphenyl	9.11	154	780831	37.613	ng	98
46) 2-Chloronaphthalene	9.13	162	588059	39.664	ng	94
47) 2-Nitroaniline	9.24	65	219405	38.556	ng	97
48) Acenaphthylene	9.55	152	840777	38.140	ng	99
49) Dimethylphthalate	9.42	163	882038	49.128	ng	100
50) 2,6-Dinitrotoluene	9.49	165	152374	41.317	ng	95
51) Acenaphthene	9.72	154	533258	38.055	ng	98
52) 3-Nitroaniline	9.65	138	147023	33.025	ng	98
53) 2,4-Dinitrophenol	9.77	184	23203	20.417	ng	91
54) Dibenzofuran	9.89	168	751482	40.708	ng	99
55) 4-Nitrophenol	9.84	139	173140	67.694	ng	# 46
56) 2,4-Dinitrotoluene	9.89	165	185780	41.436	ng	# 63
57) Fluorene	10.23	166	581813	38.078	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.02	232	133387	44.747	ng	97
59) Diethylphthalate	10.12	149	664413	38.912	ng	98
60) 4-Chlorophenyl-phenylether	10.22	204	287051	40.673	ng	91
61) 4-Nitroaniline	10.27	138	135872	30.222	ng	87
62) Azobenzene	10.39	77	623141	33.861	ng	95
64) 4,6-Dinitro-2-methylphenol	10.30	198	25141	14.724	ng	# 81
65) n-Nitrosodiphenylamine	10.35	169	545078	44.582	ng	99
66) 4-Bromophenyl-phenylether	10.72	248	151614	42.425	ng	92
67) Hexachlorobenzene	10.78	284	143789	39.666	ng	# 89
68) Atrazine	10.89	200	150922	40.096	ng	98
69) Pentachlorophenol	10.99	266	116814	73.423	ng	97
70) Phenanthrene	11.19	178	823974	41.278	ng	98
71) Anthracene	11.25	178	805693	39.312	ng	98
72) Carbazole	11.40	167	712913	37.325	ng	99
73) Di-n-butylphthalate	11.73	149	895758	39.142	ng	99
74) Fluoranthene	12.38	202	683661	34.212	ng	96
76) Benzidine	12.51	184	6941	0.700	ng	# 78
77) Pyrene	12.60	202	687317	38.894	ng	99
79) Butylbenzylphthalate	13.23	149	294851	38.461	ng	# 82
80) Benzo(a)anthracene	13.80	228	544344	41.447	ng	99
81) 3,3'-Dichlorobenzidine	13.76	252	127136	24.909	ng	# 94
82) Chrysene	13.83	228	528954	39.844	ng	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	397583	41.323	ng	# 99
84) Di-n-octyl phthalate	14.40	149	701347	42.486	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.57	276	507091	54.444	ng	94
87) Benzo(b)fluoranthene	14.82	252	553261	37.242	ng	98
88) Benzo(k)fluoranthene	14.84	252	493368	35.574	ng	# 95
89) Benzo(a)pyrene	15.15	252	518445	39.172	ng	99
90) Dibenzo(a,h)anthracene	16.57	278	426070	44.255	ng	98
91) Benzo(g,h,i)perylene	16.97	276	401083	41.419	ng	93

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



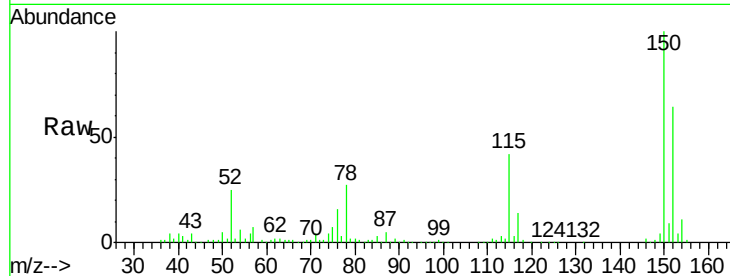
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.2	189.2
115	65.4	52.2	78.2

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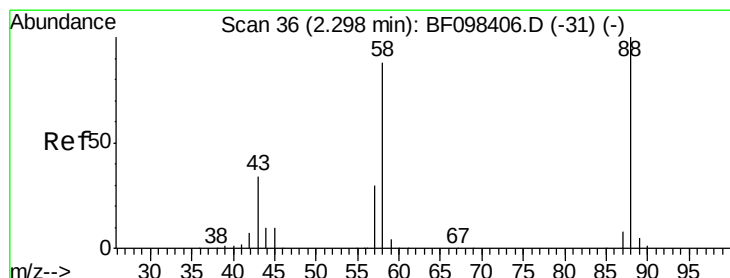
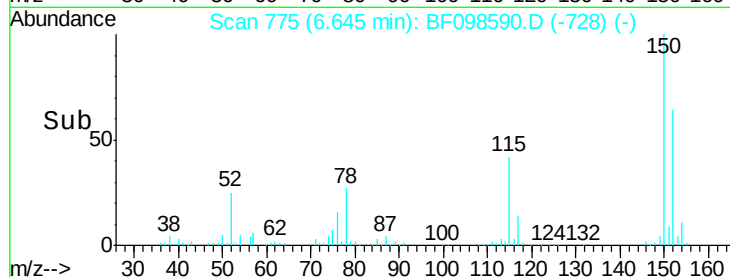
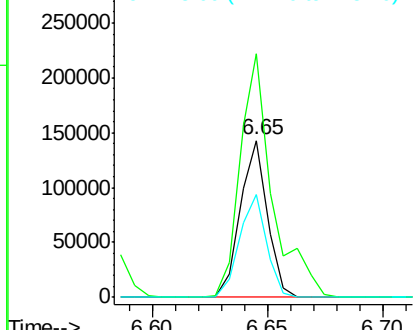


Abundance

Ion 152.00 (151.70 to 152.70): E

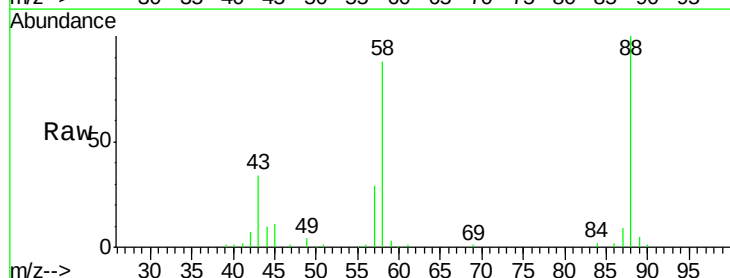
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 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	Ratio	Lower	Upper
88	100		
58	88.4	61.4	92.0
43	31.0	23.4	35.0

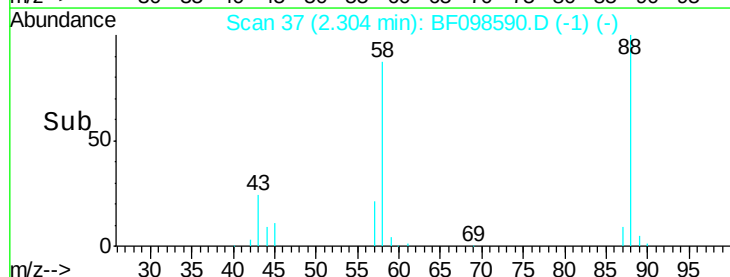
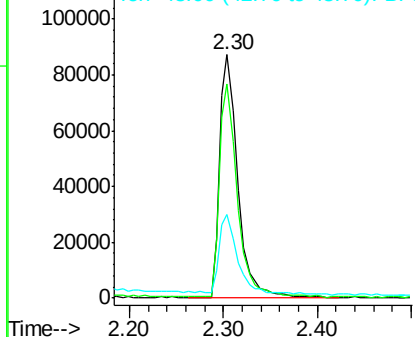


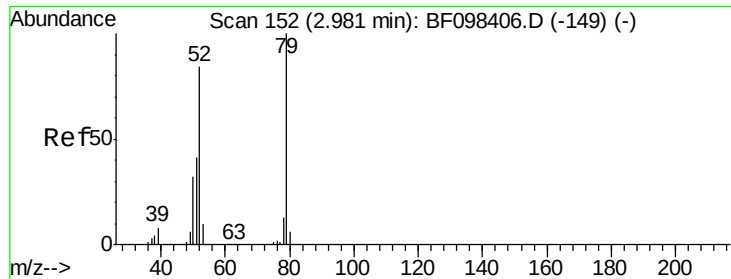
Abundance

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

Pyridine

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

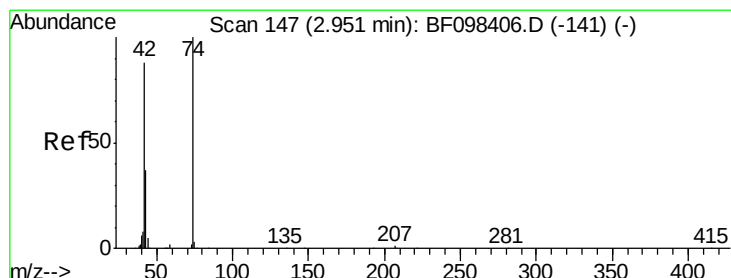
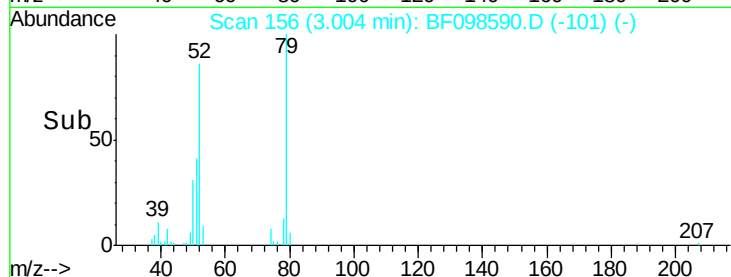
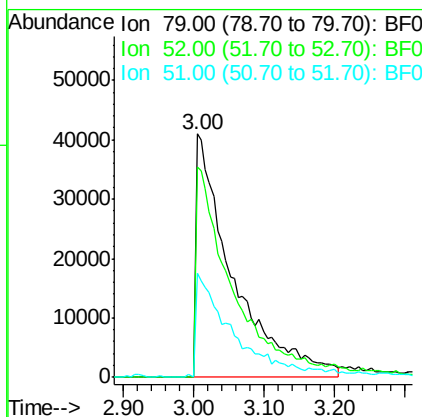
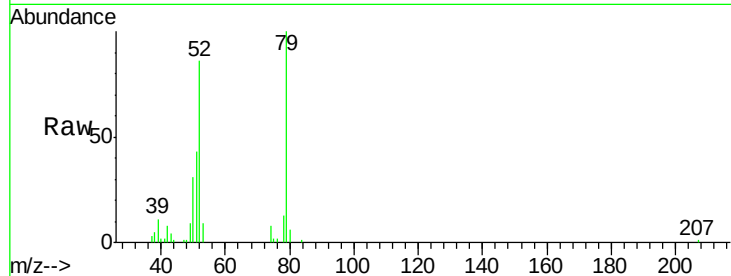
ClientSampleId :

SOIL-STOCKPILE-INSIDEMS

Tgt Ion:	79	Resp:	149899
Ion Ratio	Lower	Upper	
79	100		
52	86.4	54.8	82.2#
51	42.8	27.0	40.4#

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#4

n-Nitrosodimethylamine

Concen: 31.004 ng

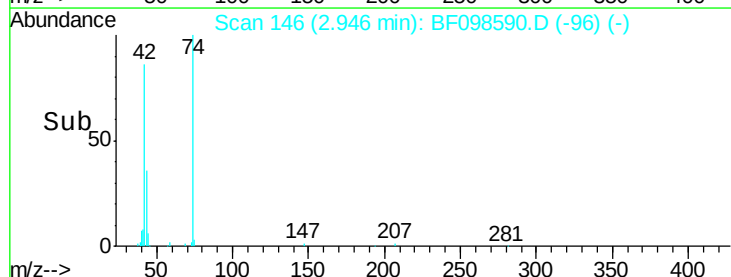
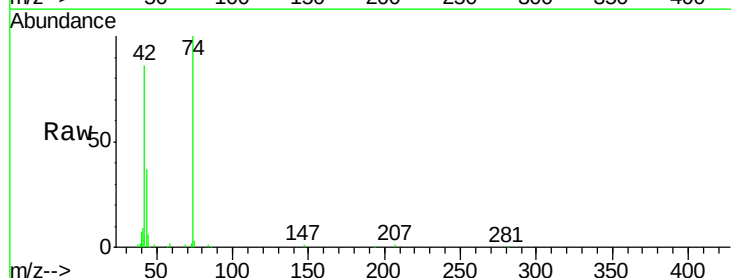
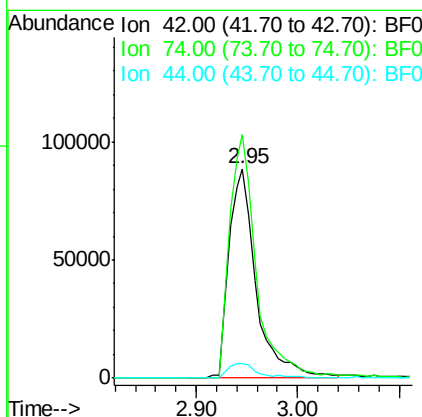
RT: 2.95 min Scan# 146

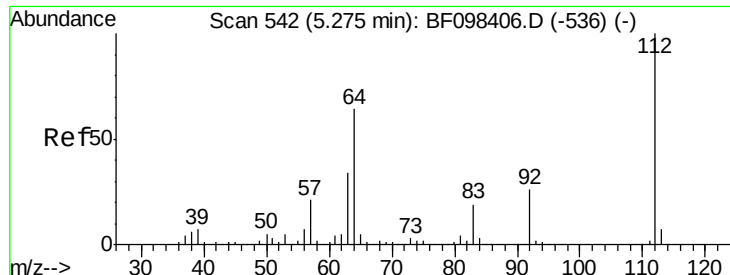
Delta R.T. -0.01 min

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 :

BNA_F

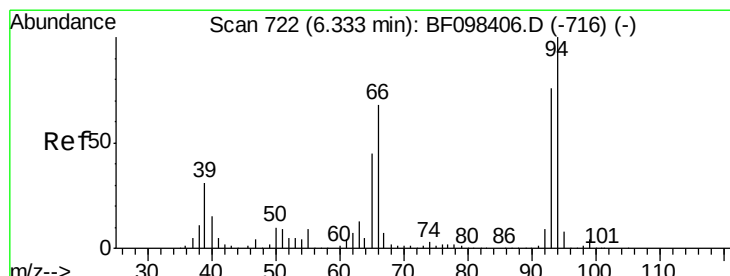
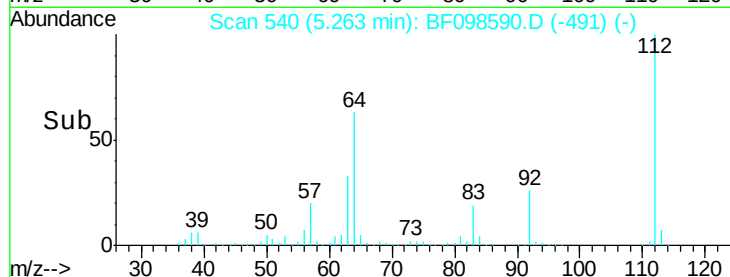
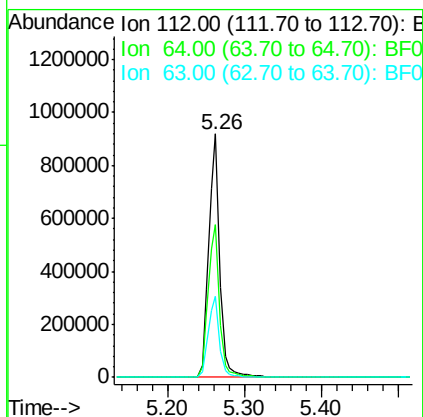
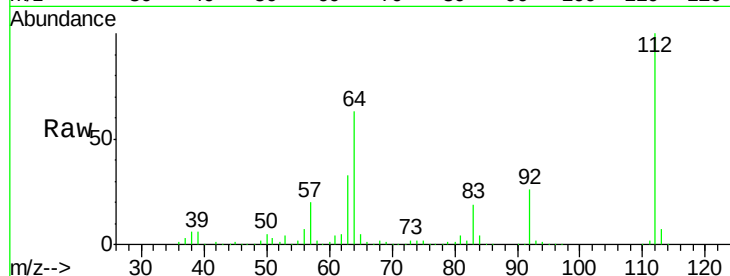
ClientSampleId :

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Tgt Ion:	112	Resp:	908456
Ion Ratio		Lower	Upper
112	100		
64	62.6	46.0	69.0
63	33.2	23.4	35.0

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#6

Aniline

Concen: 19.564 ng

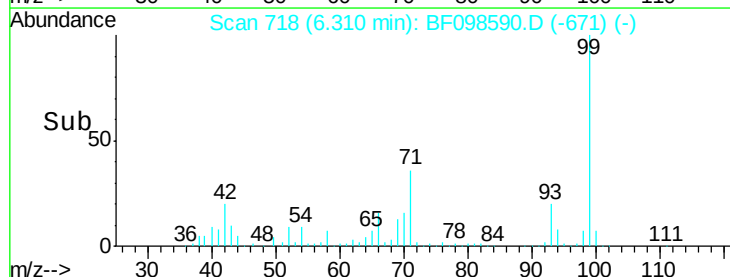
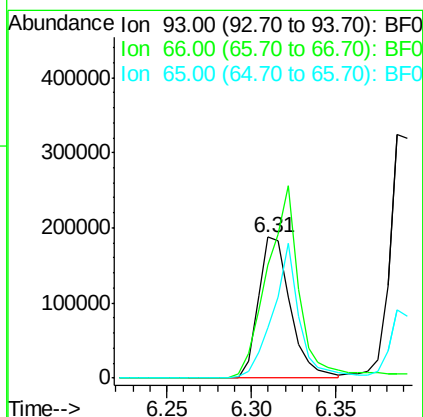
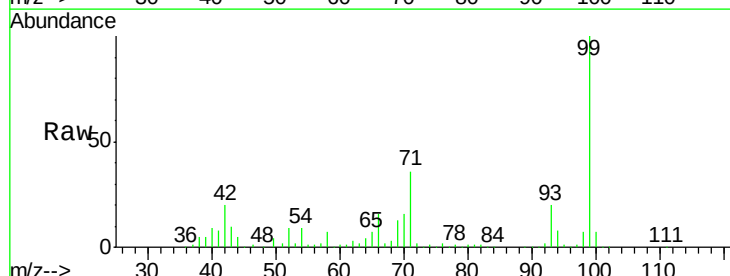
RT: 6.31 min Scan# 718

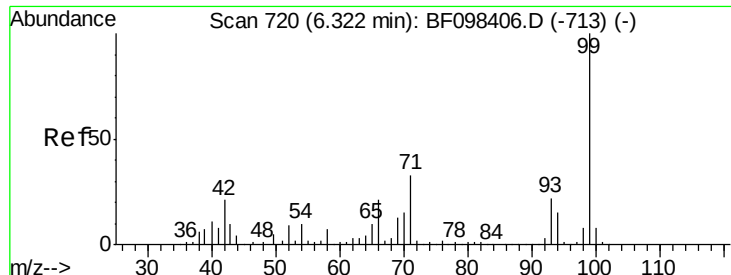
Delta R.T. -0.02 min

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#





#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 :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-INSIDEMS

Tgt Ion: 99 Resp: 1112236

Ion Ratio Lower Upper

99 100

42 20.0 13.5 20.3

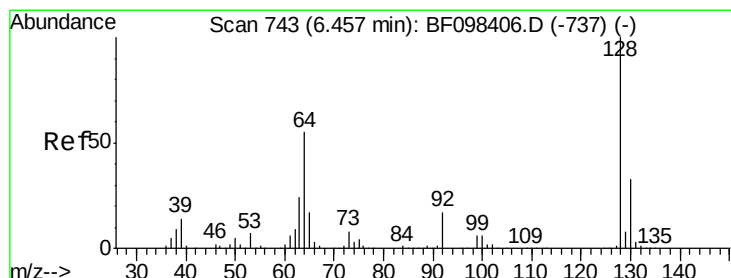
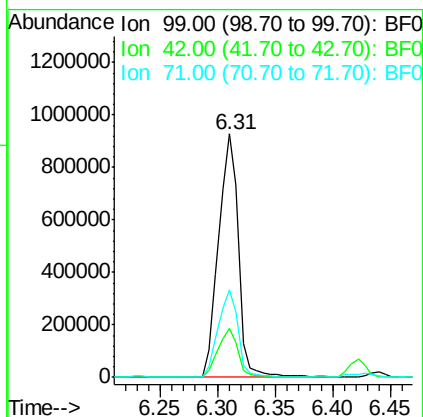
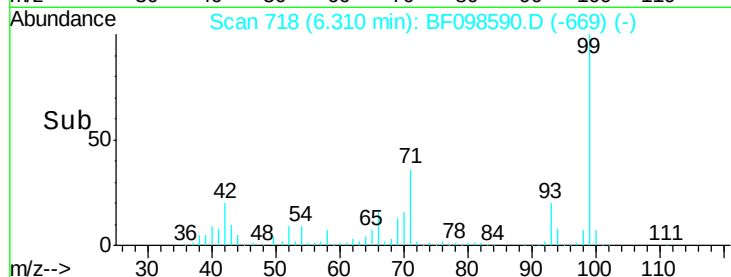
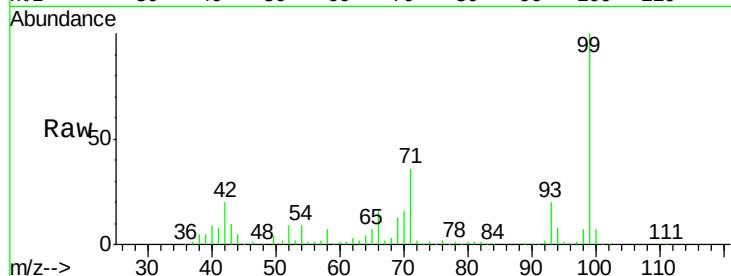
71 36.1 24.5 36.7

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#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

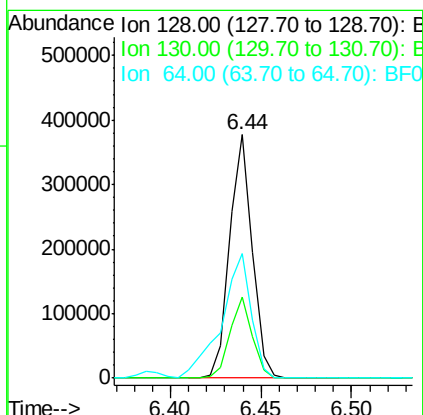
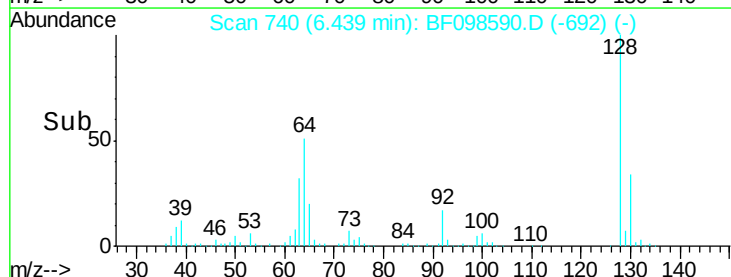
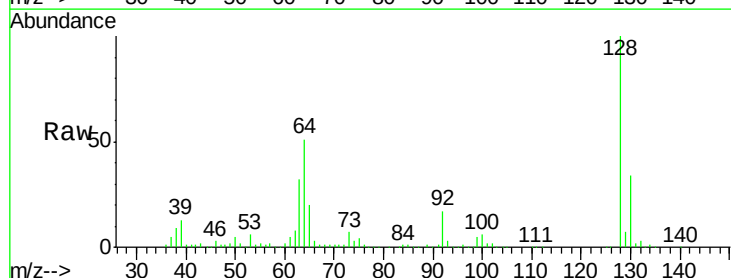
Tgt Ion: 128 Resp: 327195

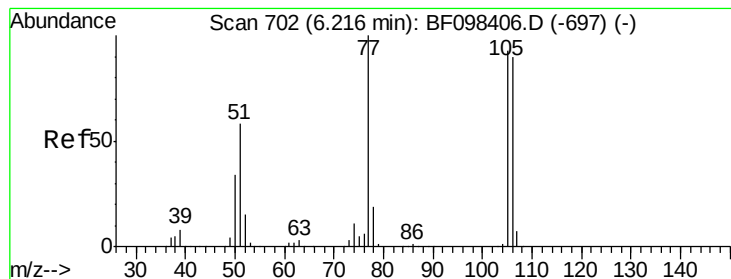
Ion Ratio Lower Upper

128 100

130 33.5 12.9 52.9

64 51.4 28.4 68.4





#9

Benzaldehyde

Concen: 27.477 ng

RT: 6.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF098590.D

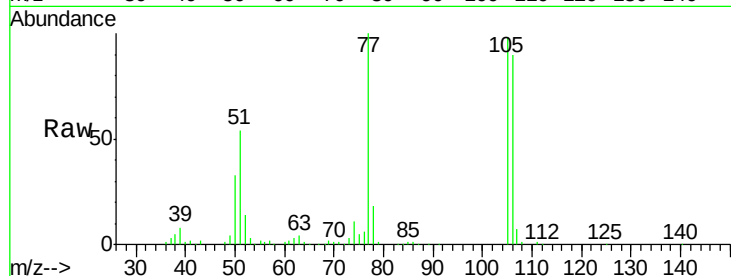
Acq: 16 Sep 2017 1:15

Instrument :

BNA_F

ClientSampleId :

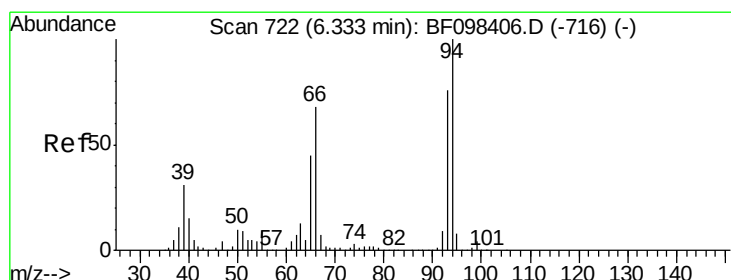
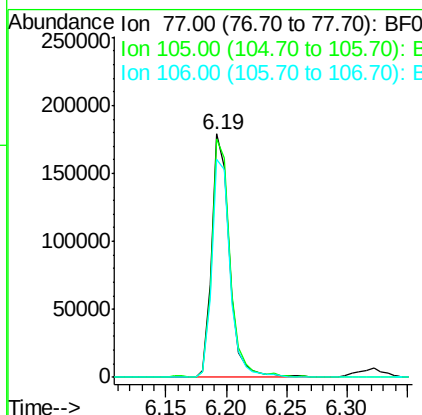
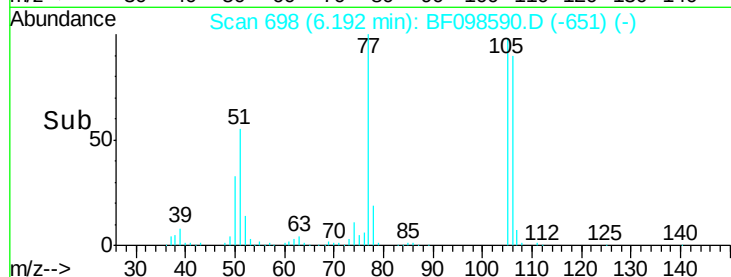
SOIL-STOCKPILE-INSIDEMS



Tgt Ion:	77	Resp:	180787
Ion Ratio	Lower	Upper	
77	100		
105	98.0	83.8	123.8
106	89.6	79.1	119.1

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#10

Phenol

Concen: 37.966 ng

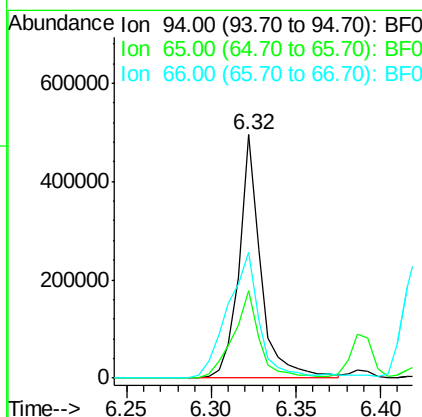
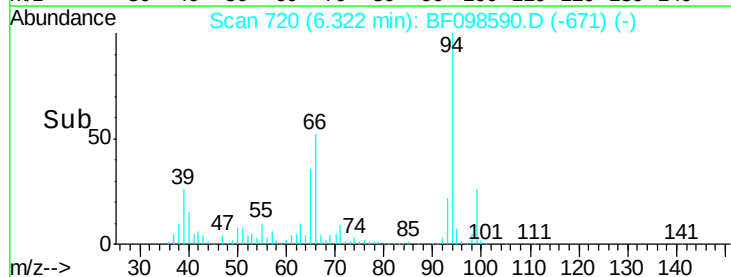
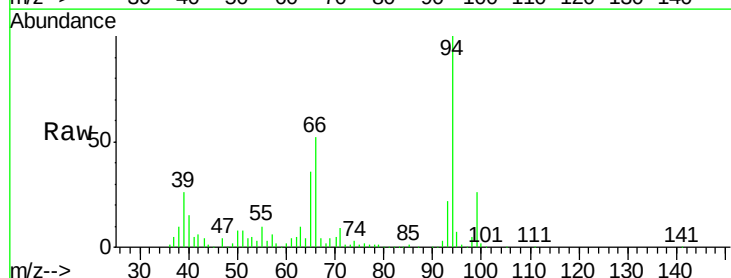
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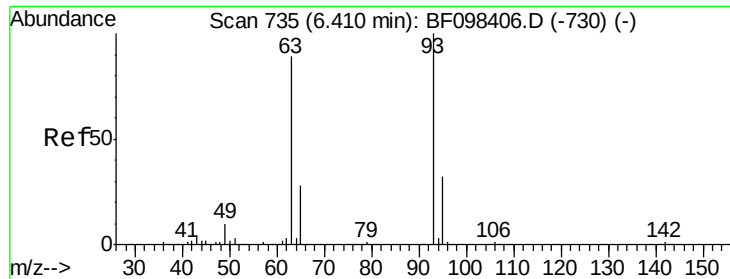
Delta R.T. -0.01 min

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

Tgt Ion: 93 Resp: 317427

Ion Ratio Lower Upper

93 100

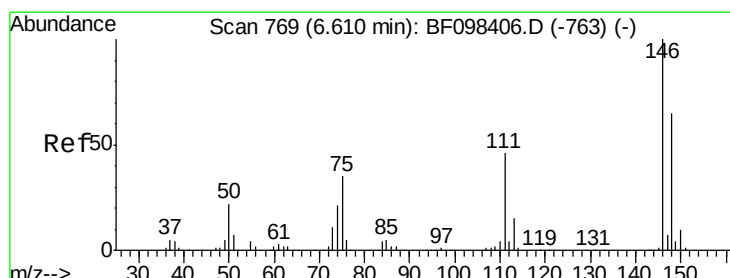
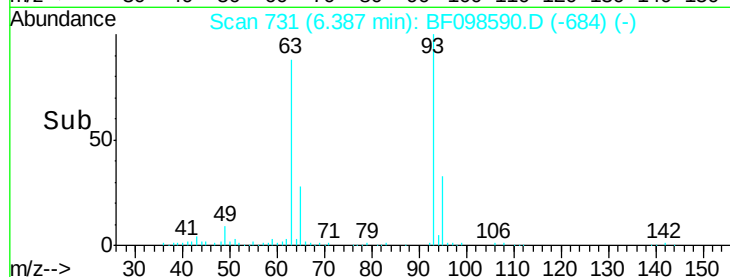
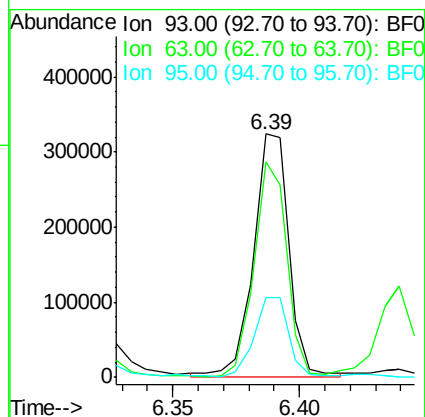
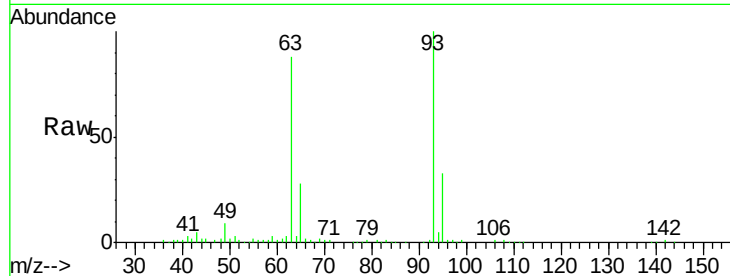
63 88.3 59.2 99.2

95 33.0 12.8 52.8

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#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

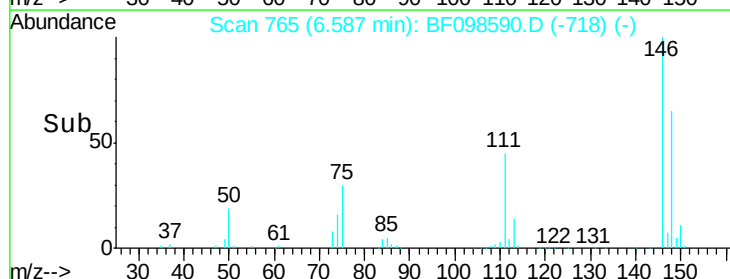
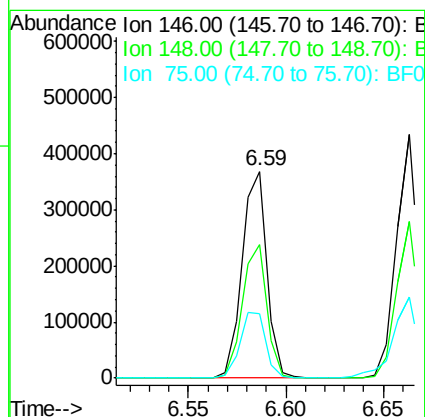
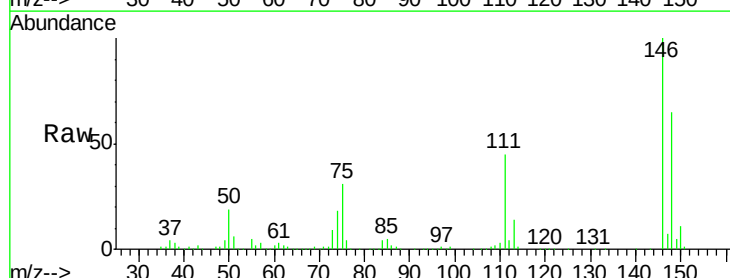
Tgt Ion: 146 Resp: 324662

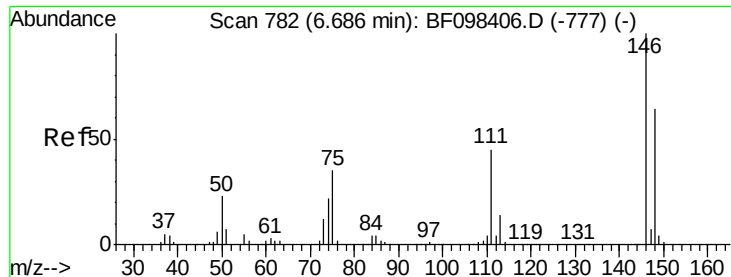
Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.6

75 31.2 23.1 34.7





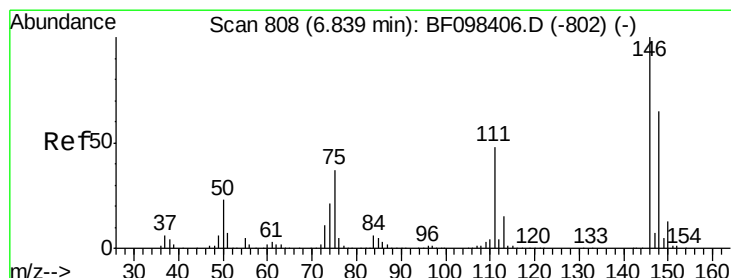
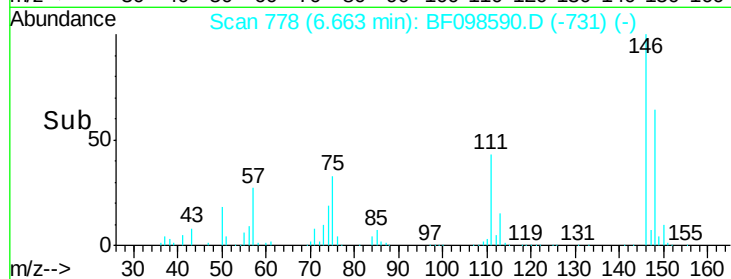
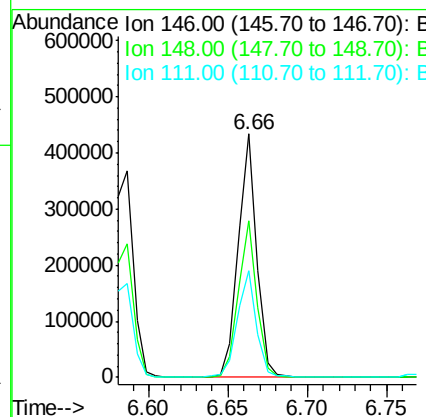
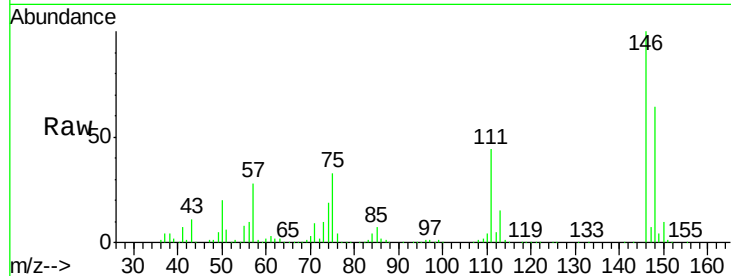
#13
 1,4-Dichlorobenzene
 Concen: 39.015 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.2	78.2
111	43.7	30.3	45.5

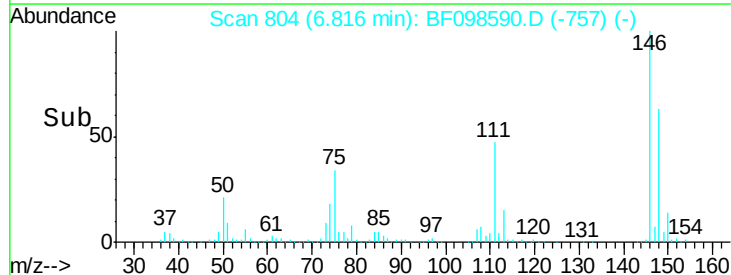
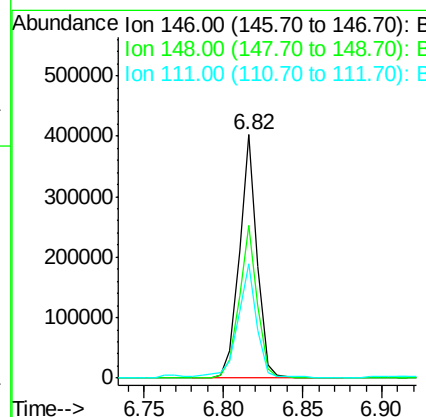
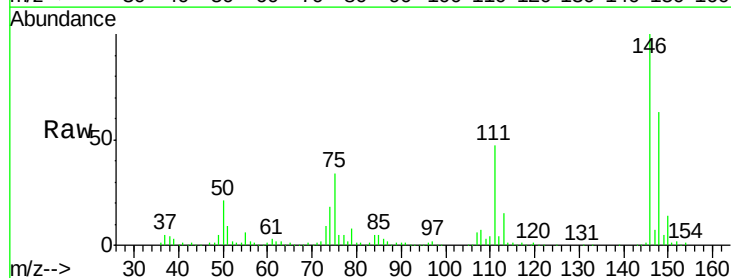
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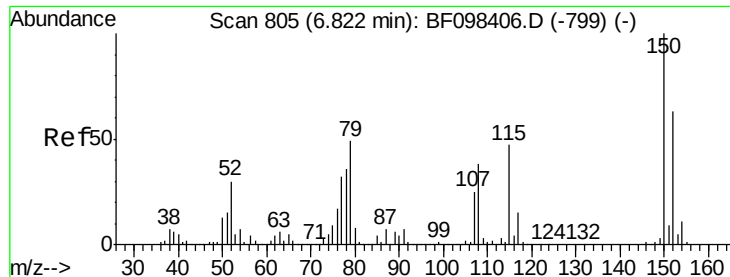
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#14
 1,2-Dichlorobenzene
 Concen: 37.888 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.4	75.6
111	47.0	38.2	57.4





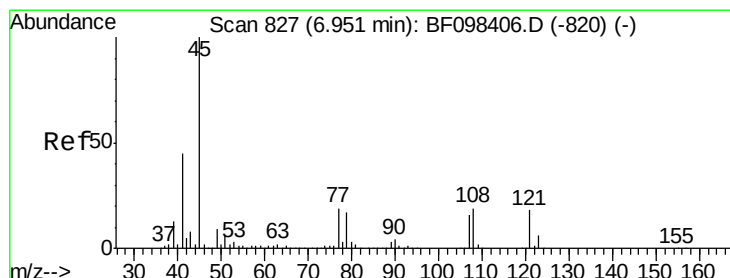
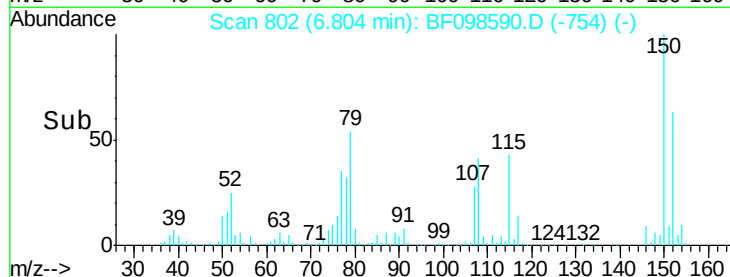
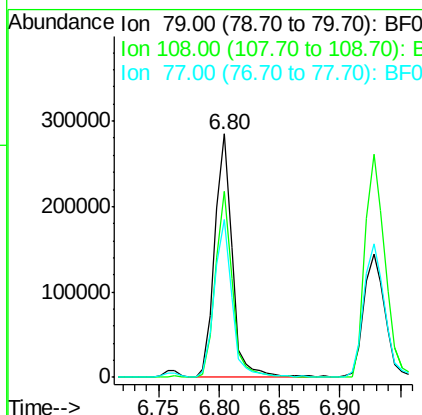
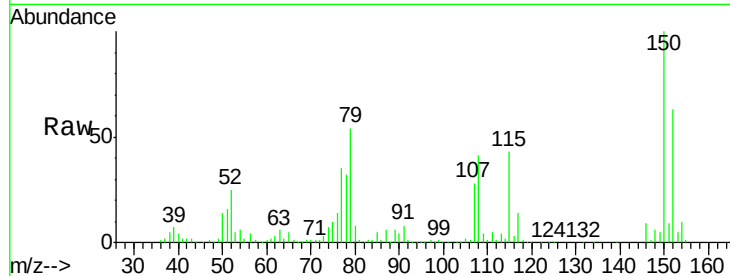
#15
Benzyl Alcohol
Concen: 41.819 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

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

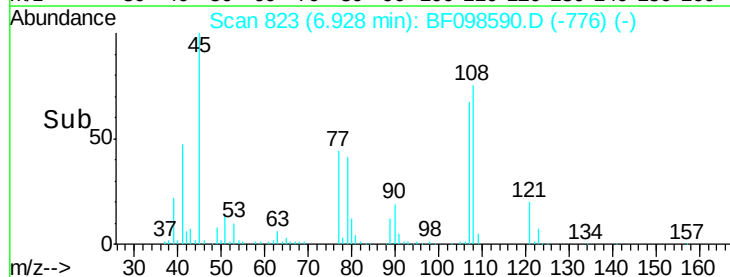
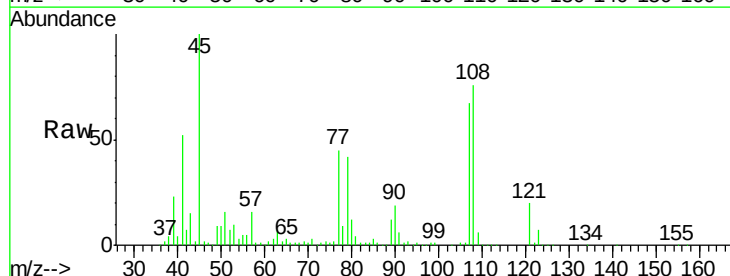
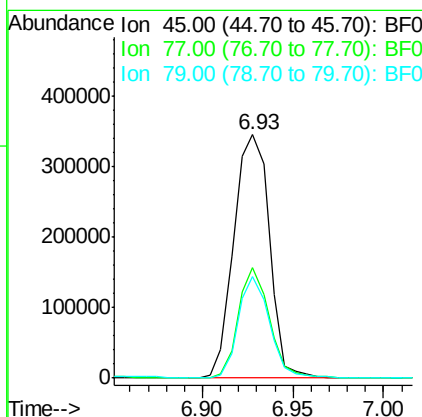
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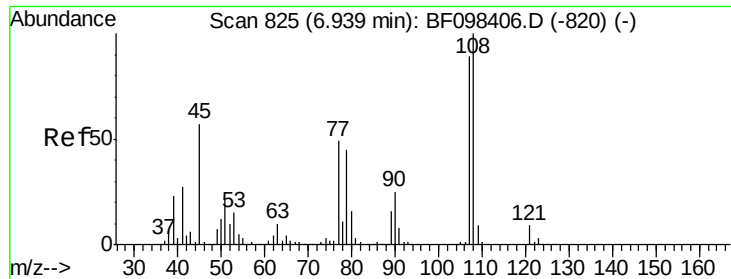
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.555 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

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





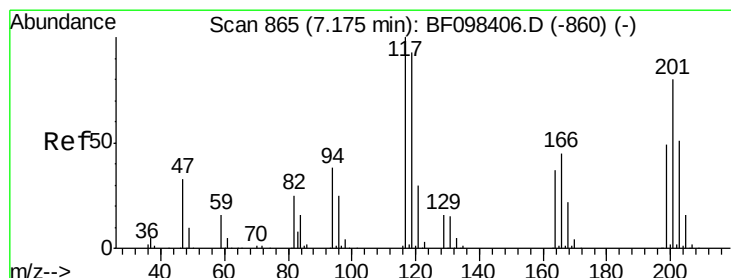
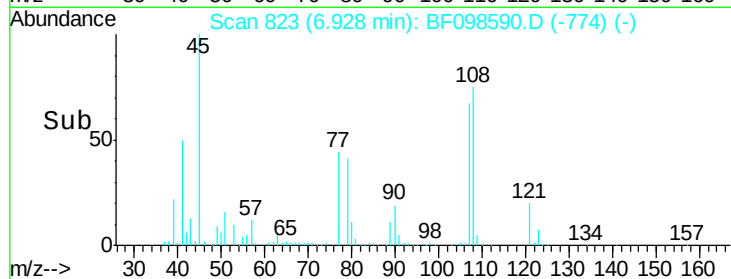
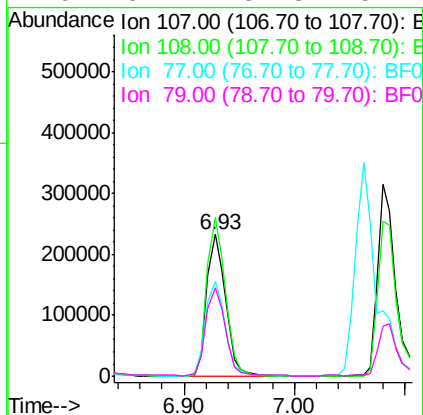
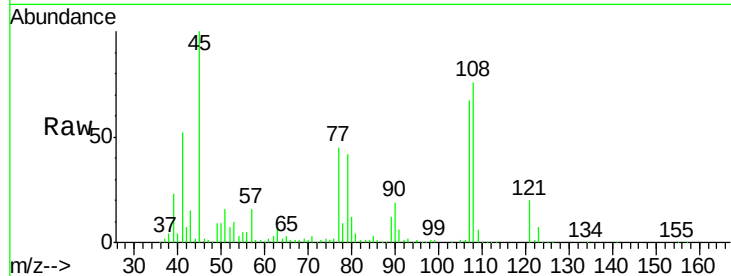
#17
2-Methylphenol
Concen: 37.914 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

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

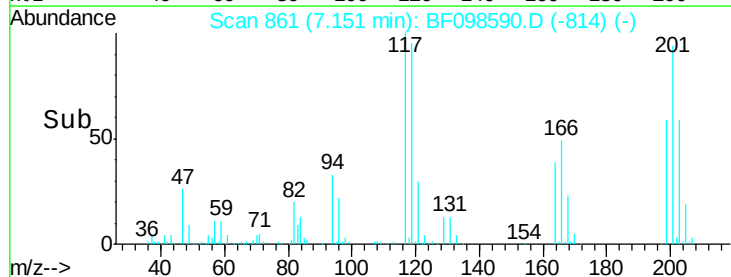
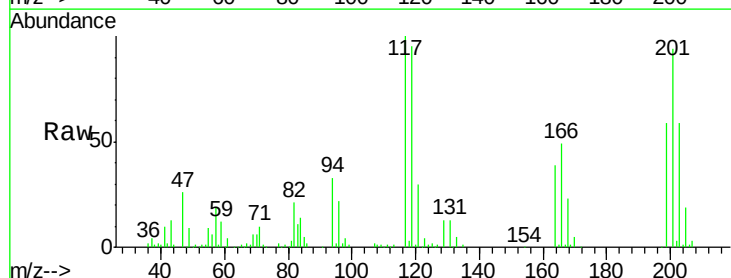
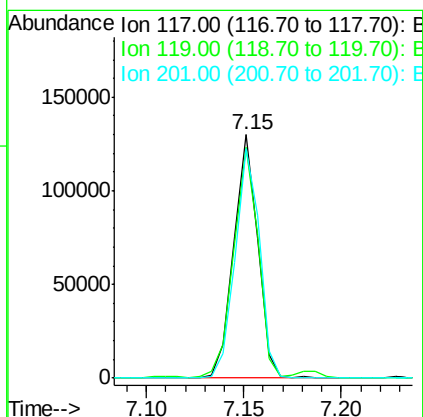
Manual Integrations
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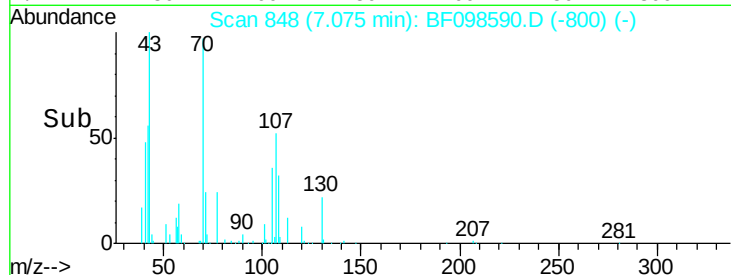
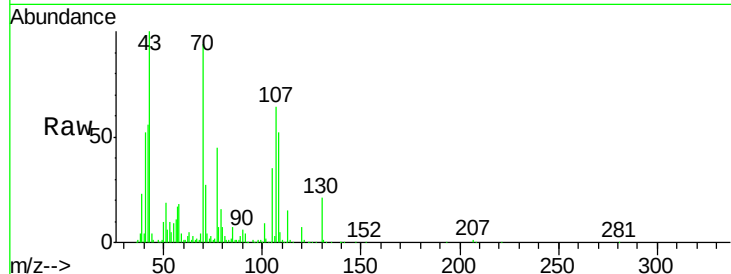
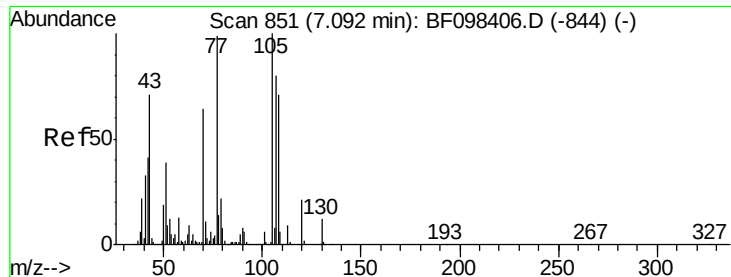
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#18
Hexachloroethane
Concen: 32.328 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

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





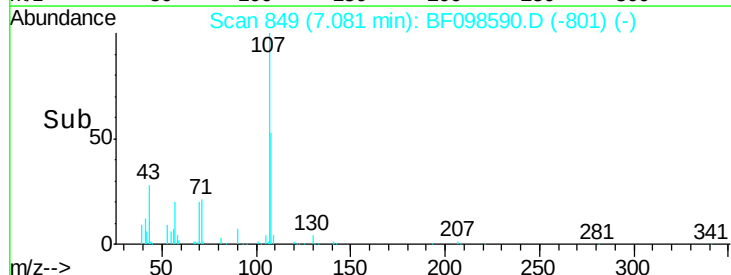
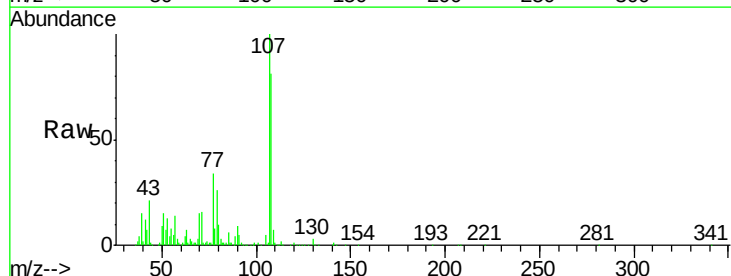
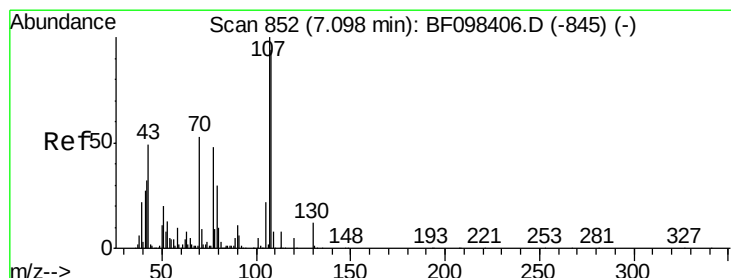
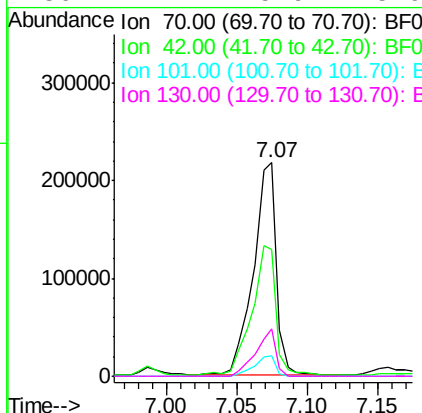
#19
n-Nitroso-di-n-propylamine
Concen: 39.768 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

Tgt Ion	Ratio	Resp	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	

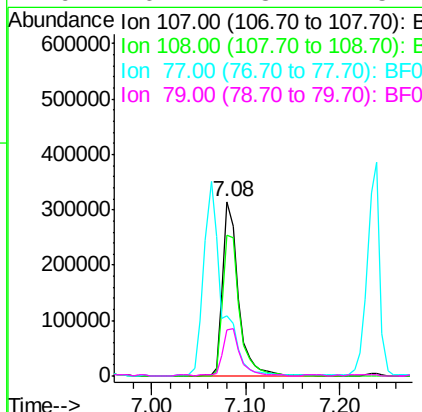
Manual Integrations
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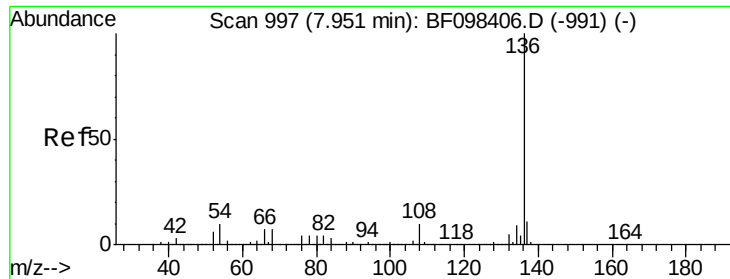
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#20
3+4-Methylphenols
Concen: 41.006 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Tgt Ion	Ratio	Resp	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	





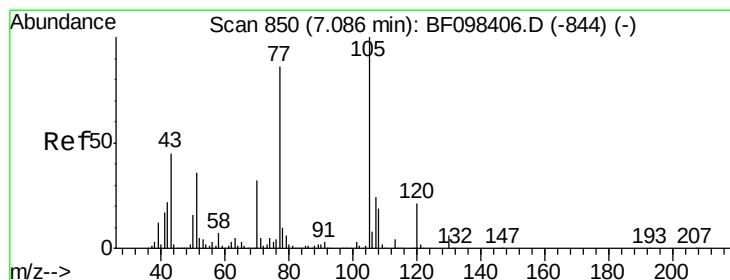
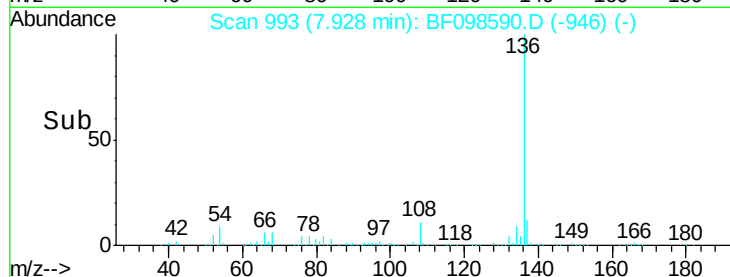
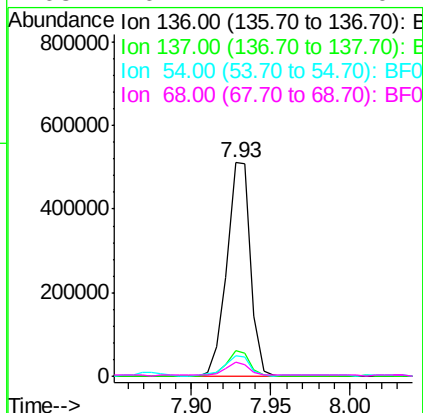
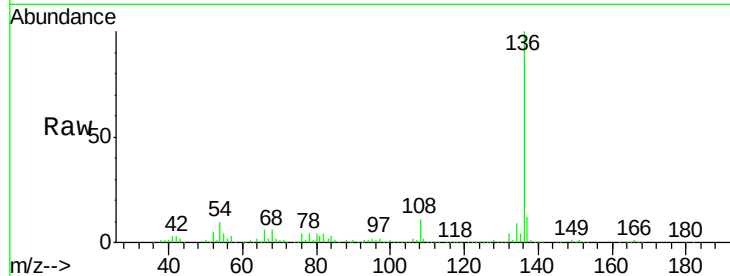
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

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

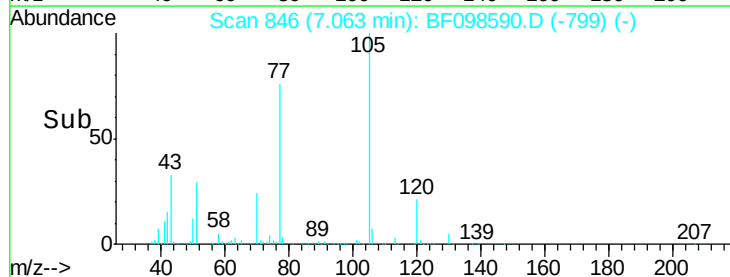
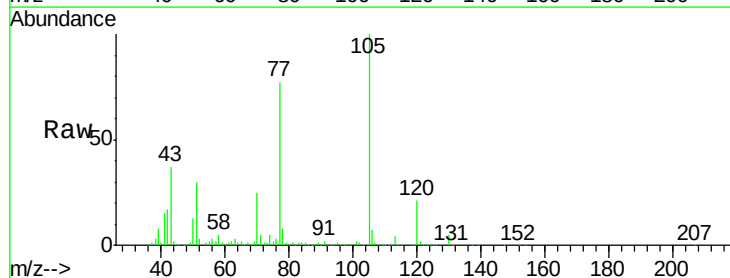
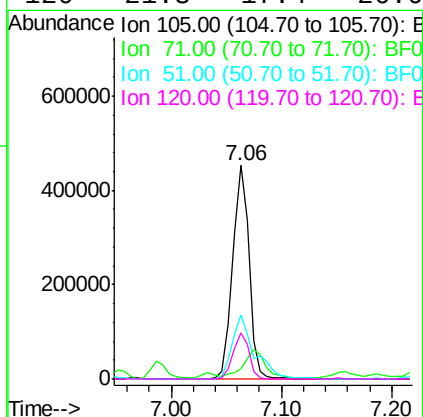
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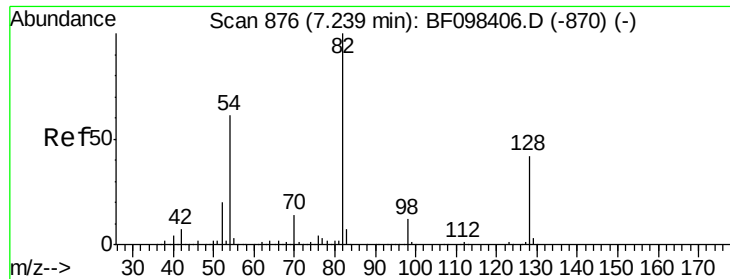
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#22
Acetophenone
Concen: 34.919 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

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





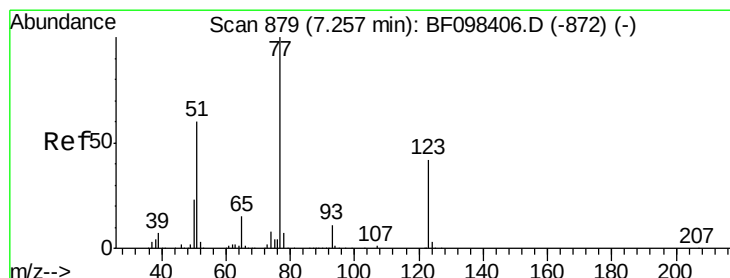
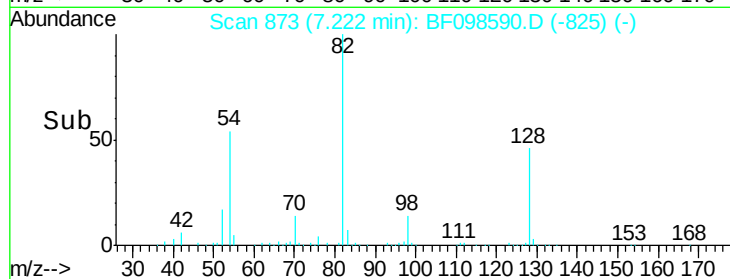
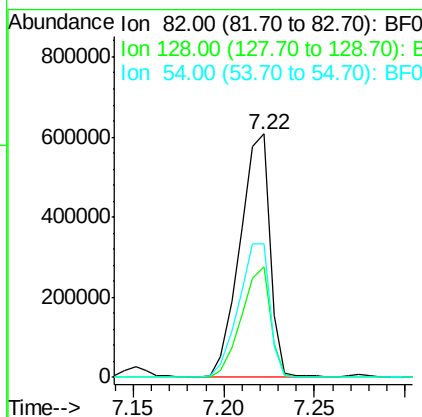
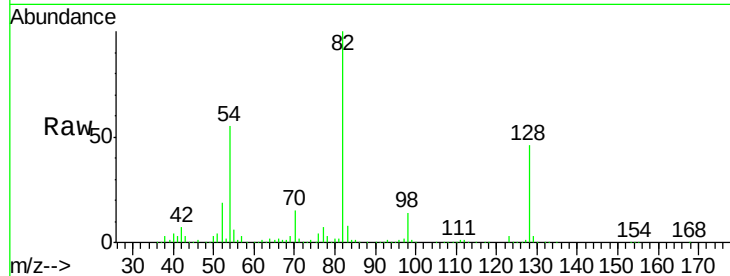
#23
 Nitrobenzene-d5
 Concen: 73.453 ng
 RT: 7.22 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	695235		
128	45.5	34.0	51.0	
54	54.8	42.2	63.2	

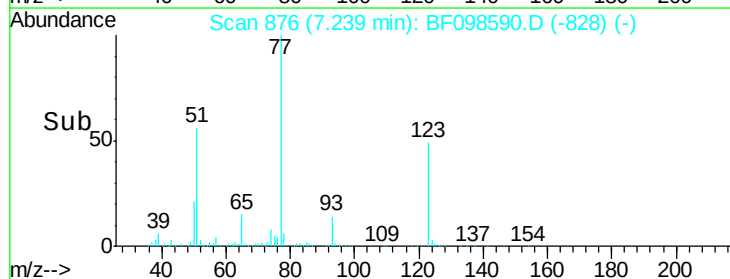
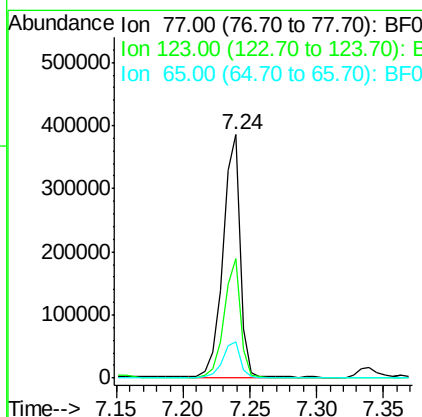
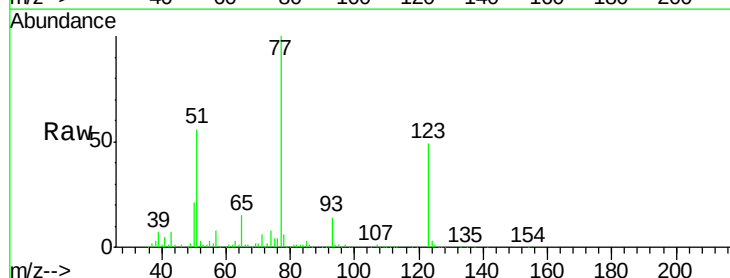
Manual Integrations
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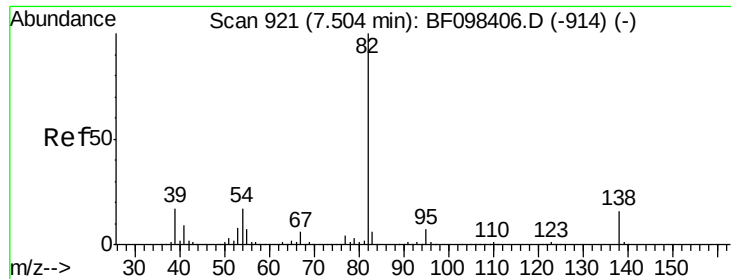
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#24
 Nitrobenzene
 Concen: 32.534 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	350760		
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

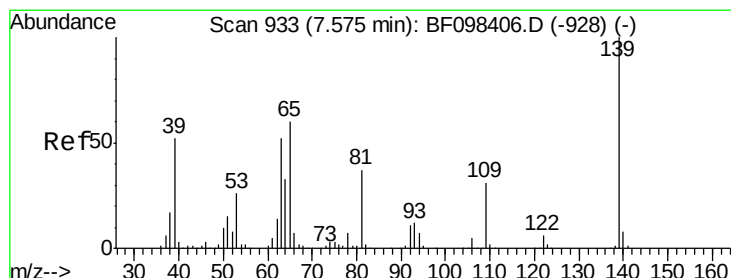
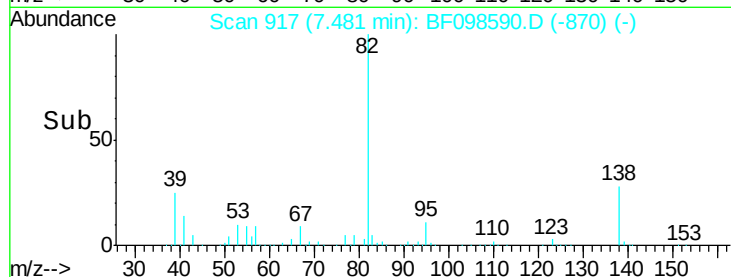
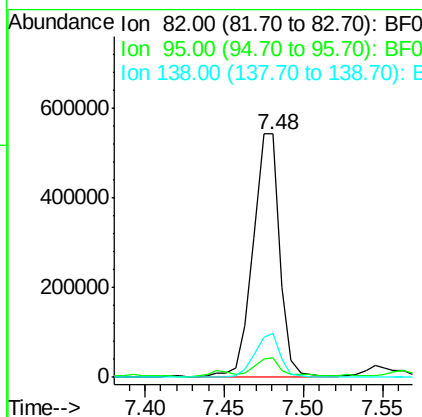
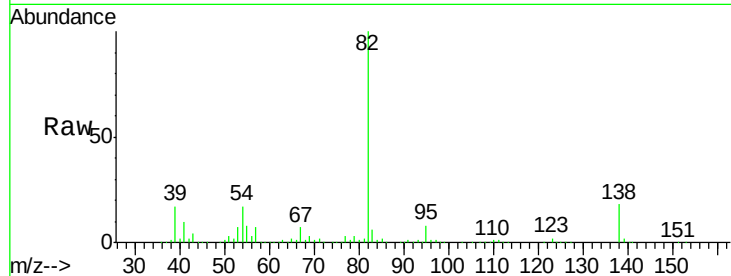
ClientSampleId :

SOIL-STOCKPILE-INSIDEMS

Tgt Ion:	82	Resp:	634579
Ion Ratio	Lower	Upper	
82	100		
95	7.9	5.3	7.9
138	18.1	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.713 ng

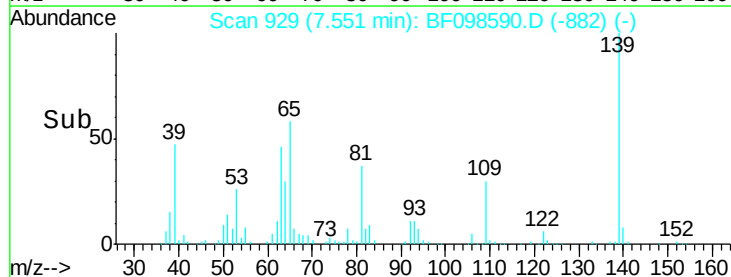
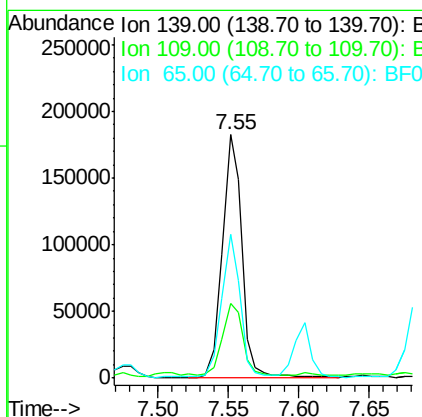
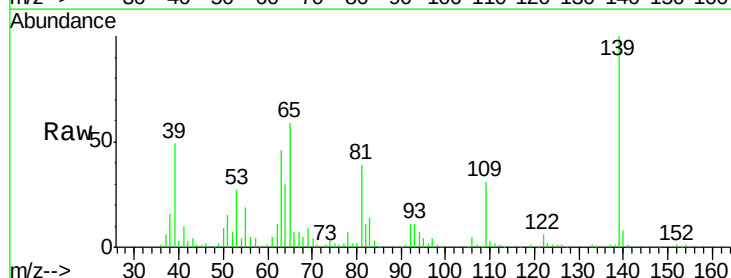
RT: 7.55 min Scan# 929

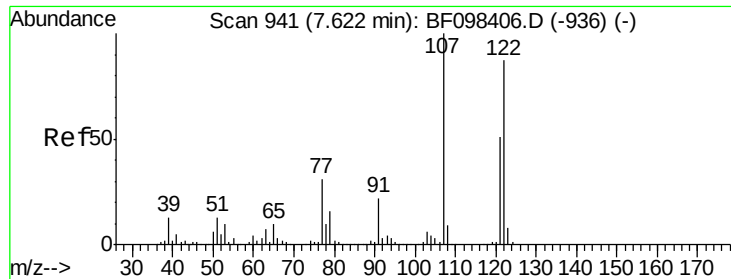
Delta R.T. -0.02 min

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#





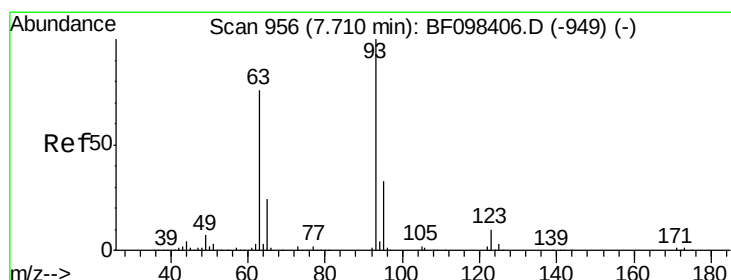
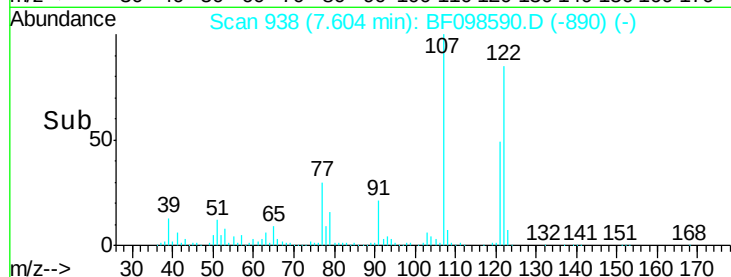
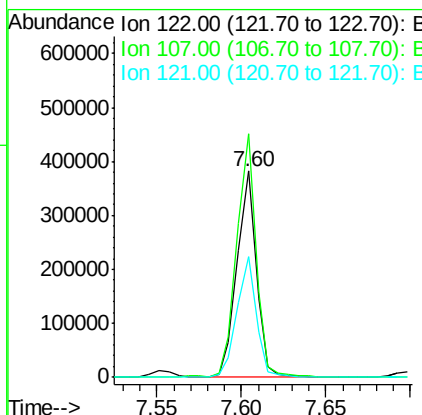
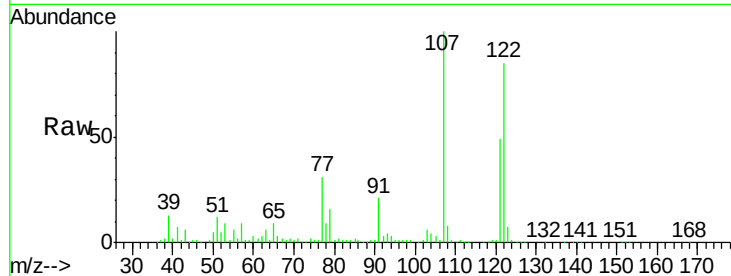
#27
 2,4-Dimethylphenol
 Concen: 36.878 ng
 RT: 7.60 min Scan# 938
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMS

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

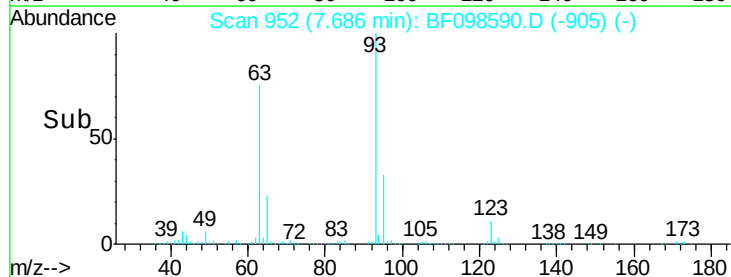
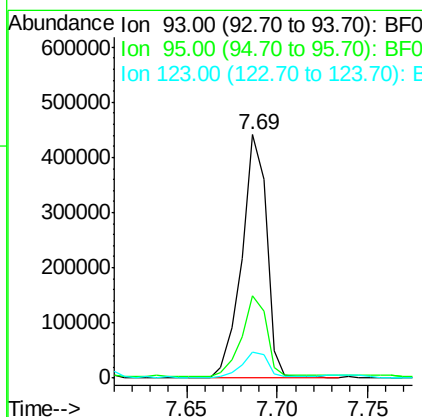
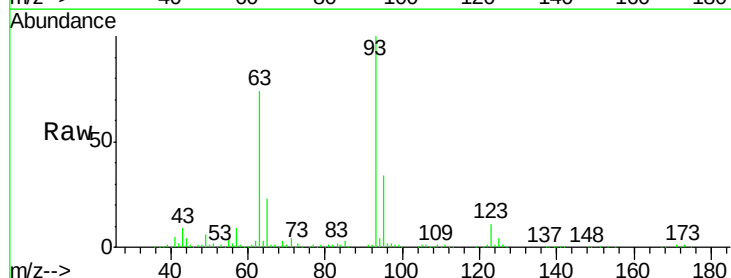
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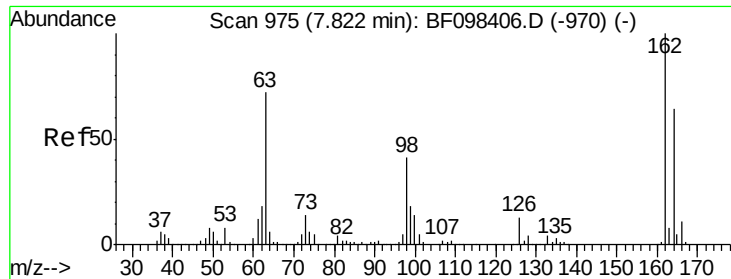
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#28
 bis(2-Chloroethoxy)methane
 Concen: 35.845 ng
 RT: 7.69 min Scan# 952
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

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





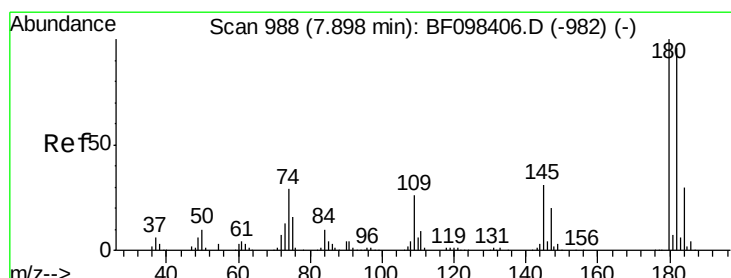
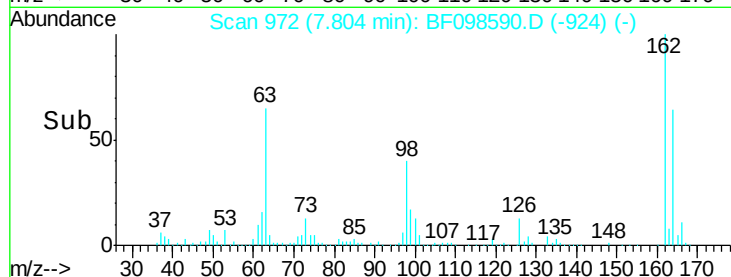
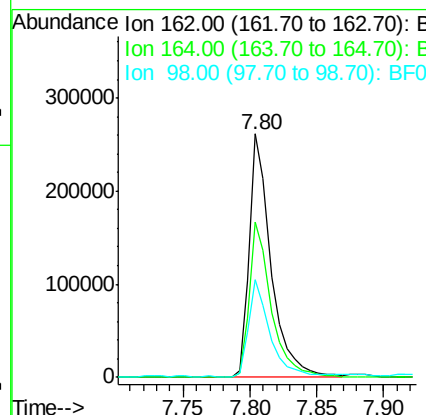
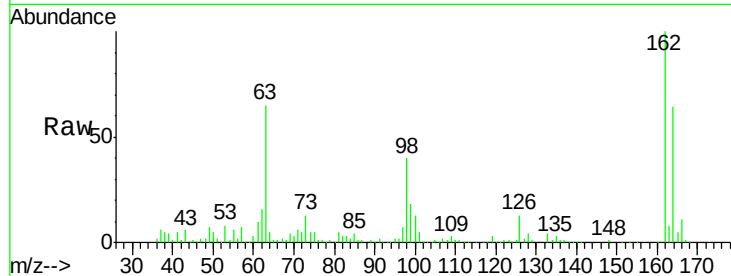
#29
2,4-Dichlorophenol
Concen: 42.692 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.9	44.6	84.6
98	40.2	14.8	54.8

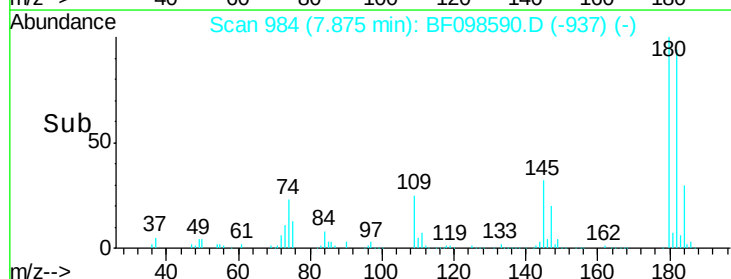
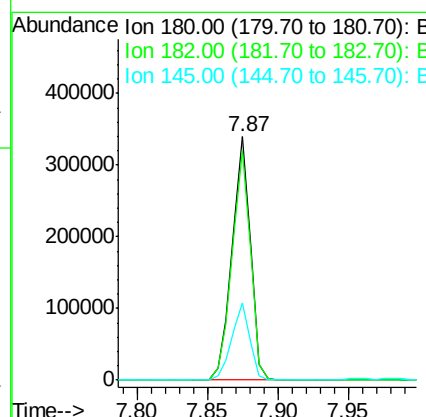
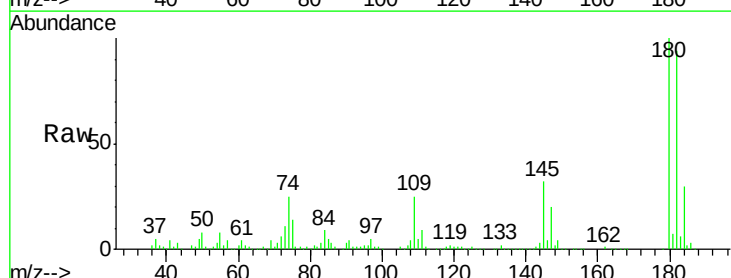
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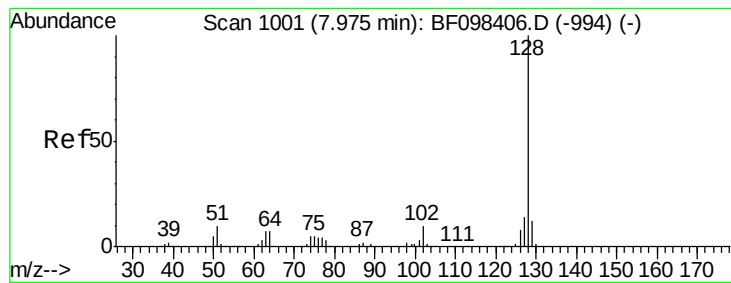
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#30
1,2,4-Trichlorobenzene
Concen: 40.967 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

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





#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

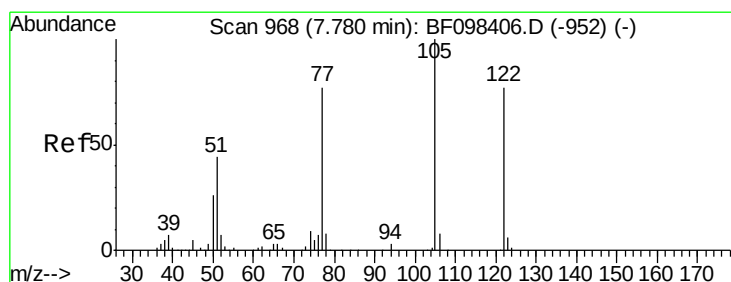
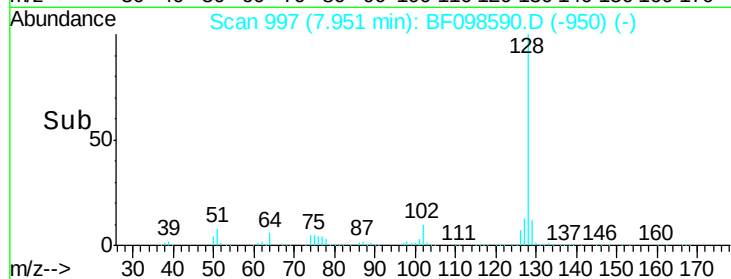
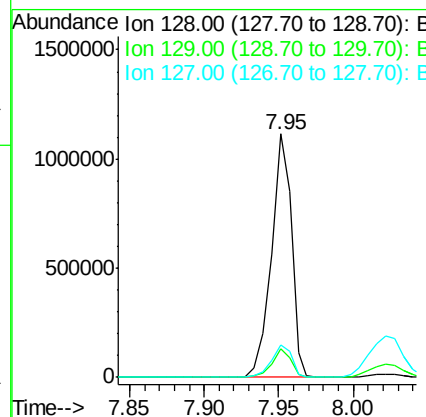
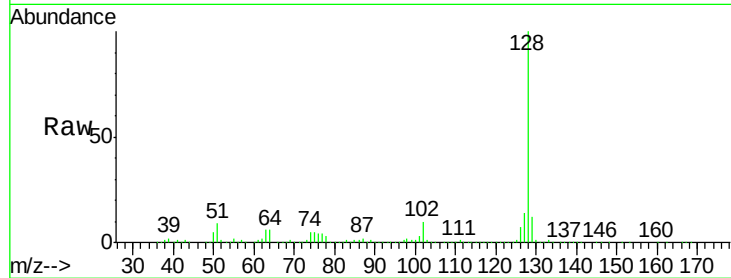
ClientSampleId :

SOIL-STOCKPILE-INSIDEMS

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

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#32

Benzoic acid

Concen: 25.403 ng

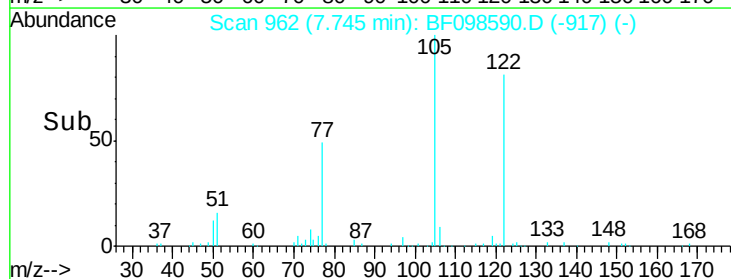
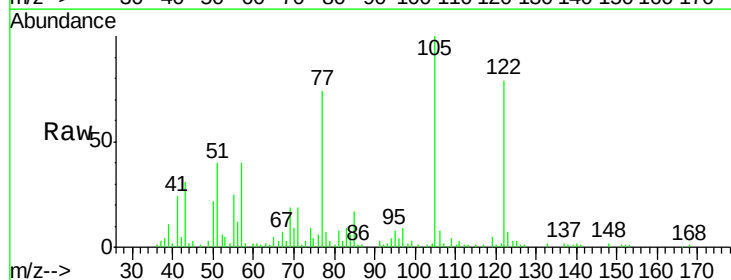
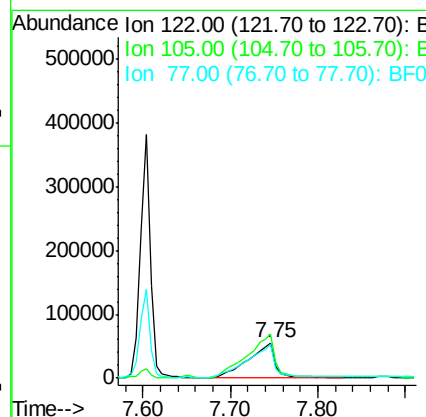
RT: 7.75 min Scan# 962

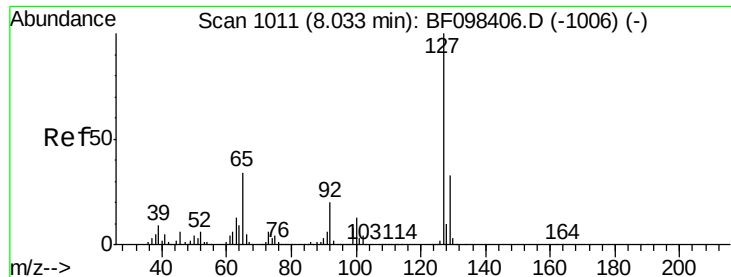
Delta R.T. -0.03 min

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





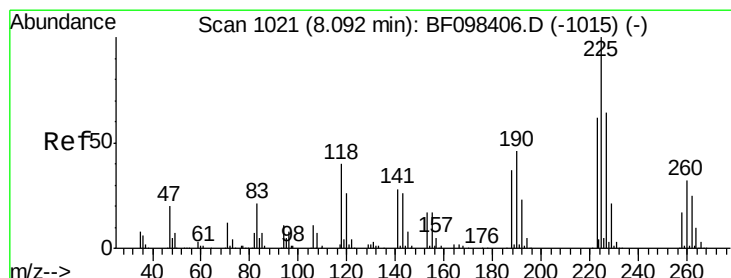
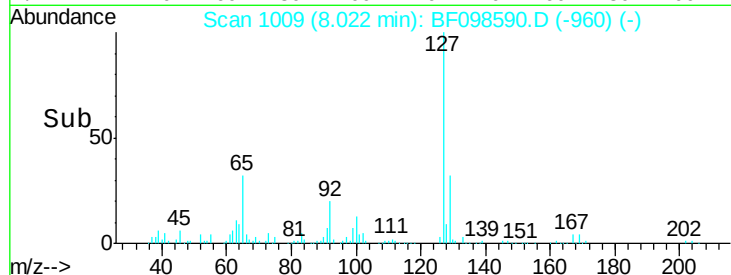
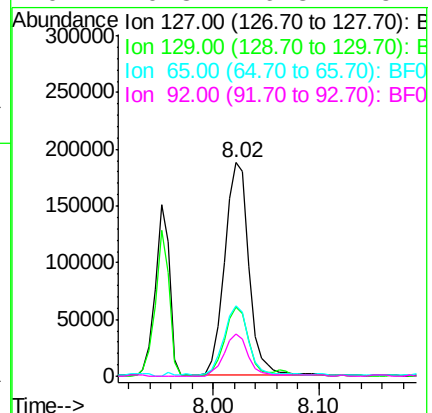
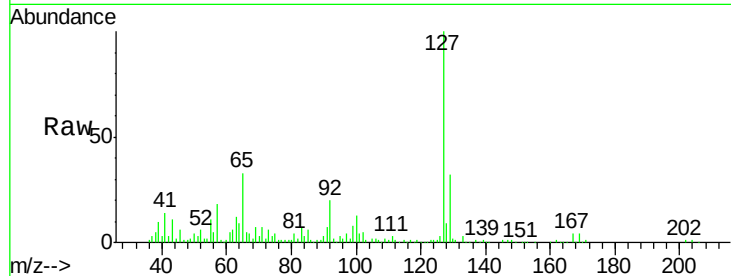
#33
4-Chloroaniline
Concen: 28.538 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

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

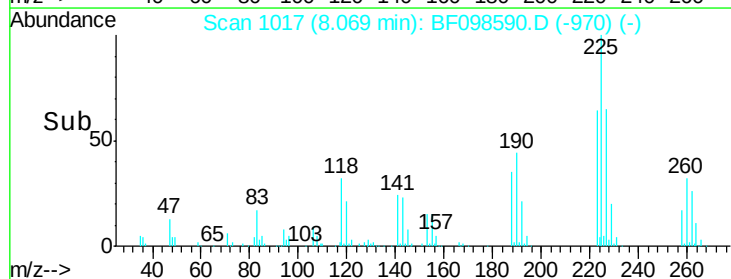
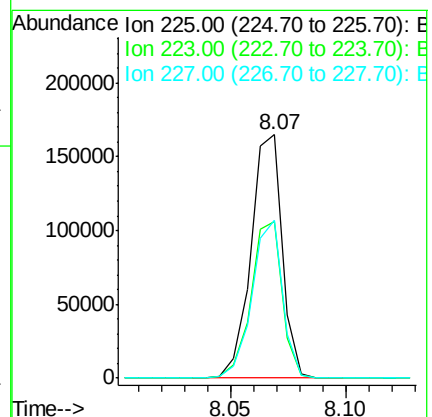
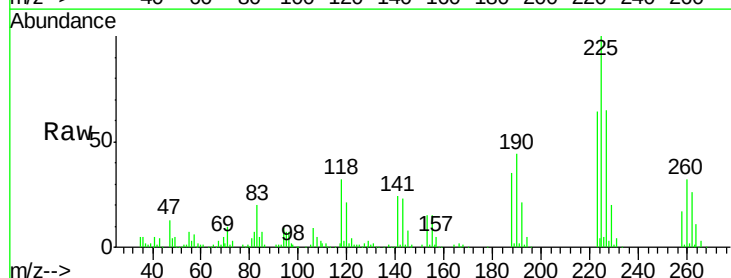
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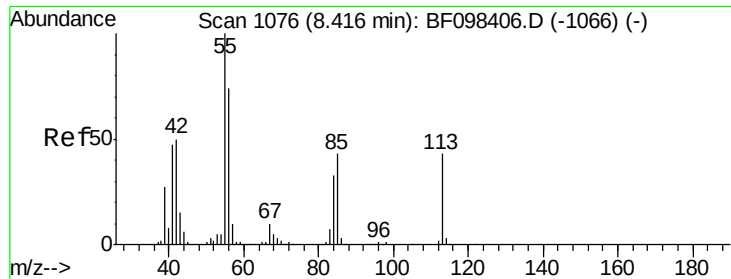
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#34
Hexachlorobutadiene
Concen: 40.564 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

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





#35

Caprolactam

Concen: 32.190 ng m

RT: 8.48 min Scan# 1087

Delta R.T. 0.06 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-INSIDEMS

Tgt Ion:113 Resp: 76608

Ion Ratio Lower Upper

113 100

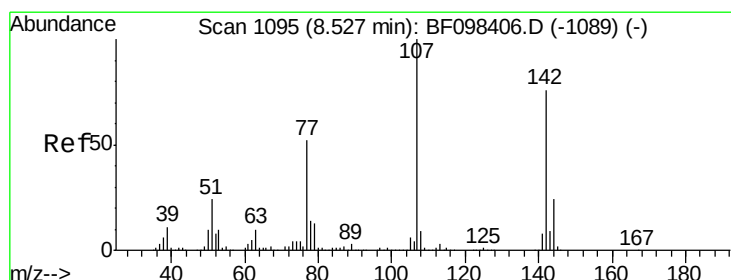
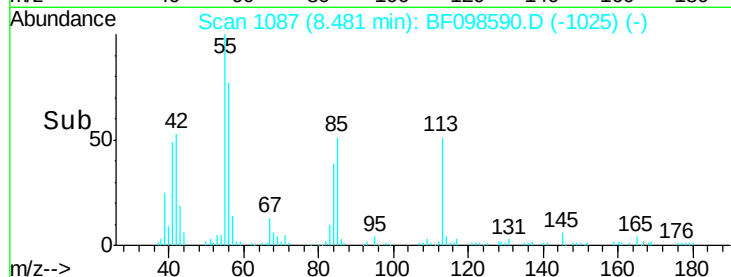
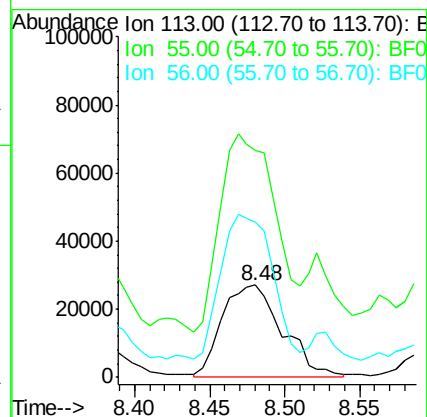
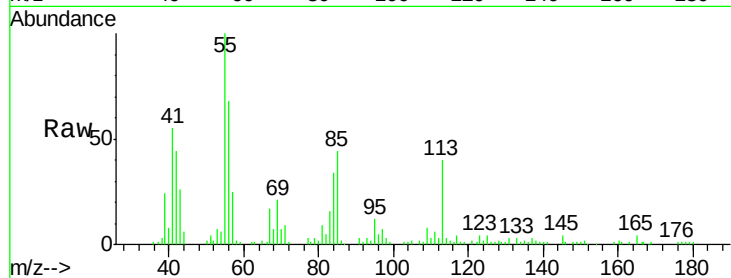
55 247.1 150.2 190.2#

56 168.7 107.8 147.8#

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#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

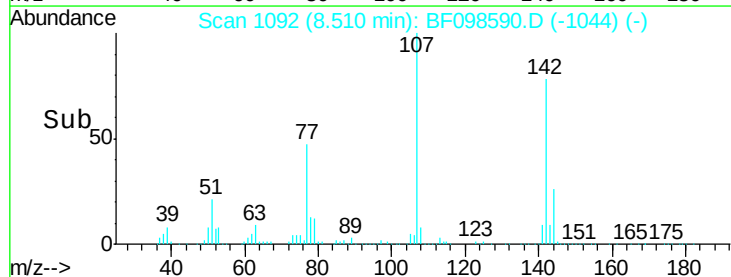
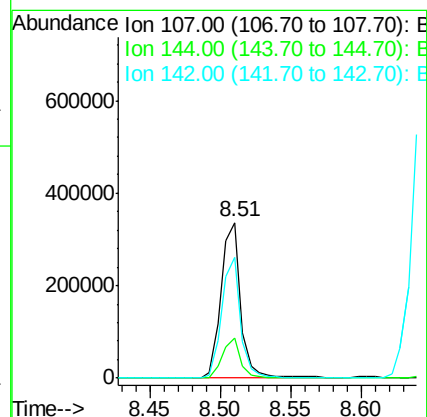
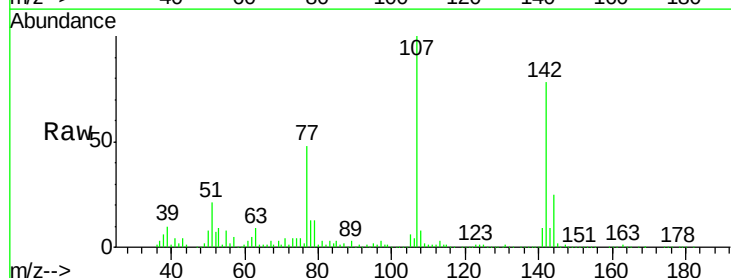
Tgt Ion:107 Resp: 321086

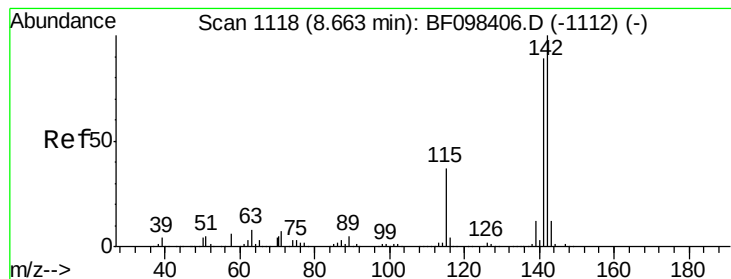
Ion Ratio Lower Upper

107 100

144 25.5 24.2 36.4

142 77.6 73.4 110.0





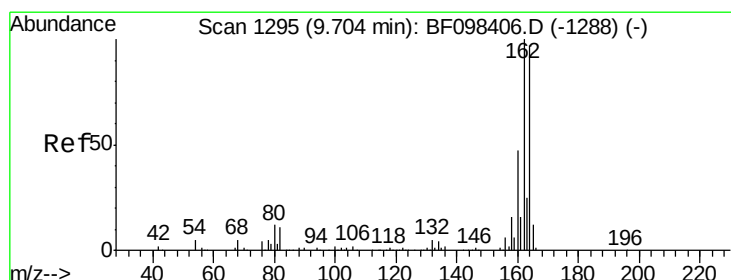
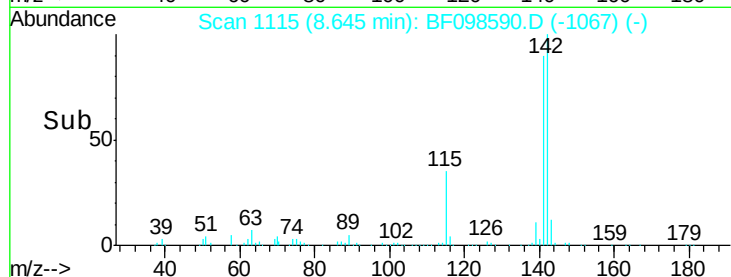
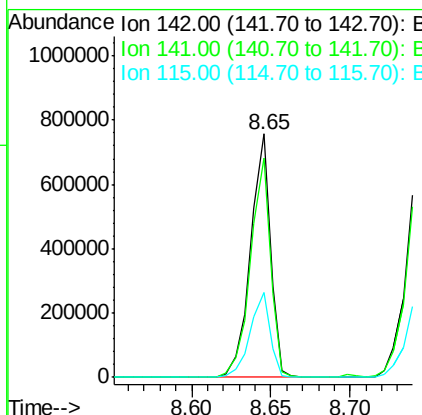
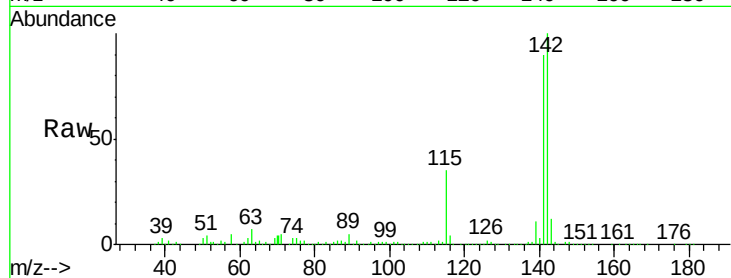
#37
2-Methylnaphthalene
Concen: 41.735 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

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

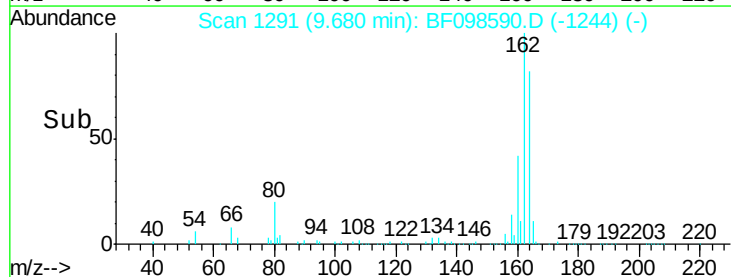
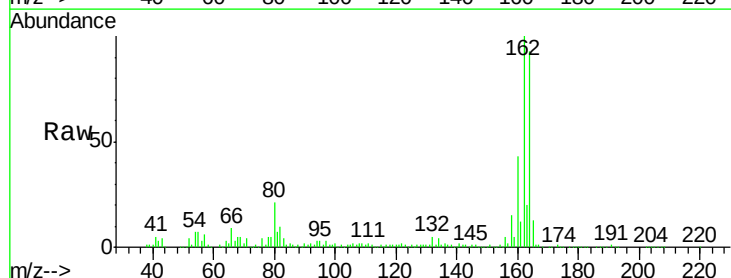
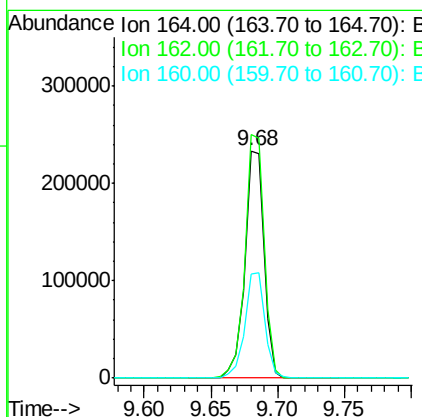
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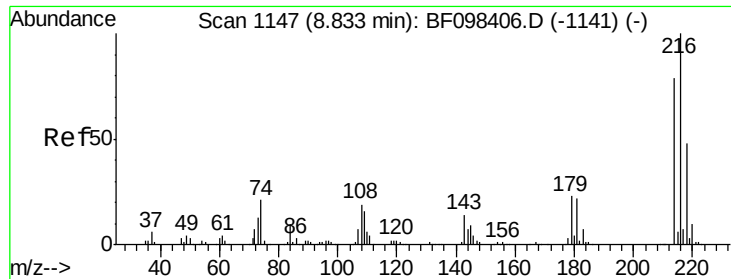
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

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





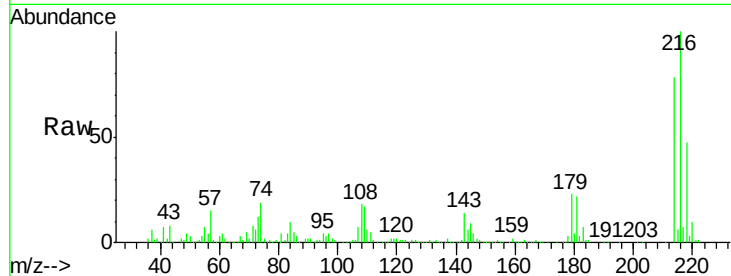
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.980 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMS

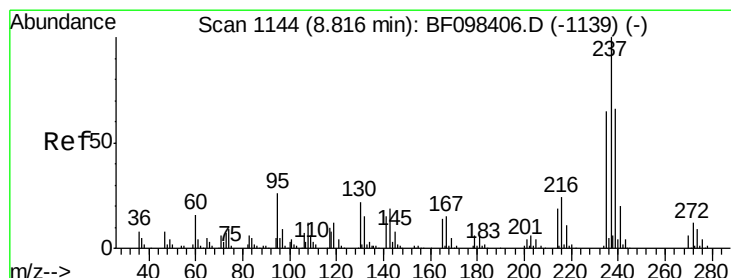
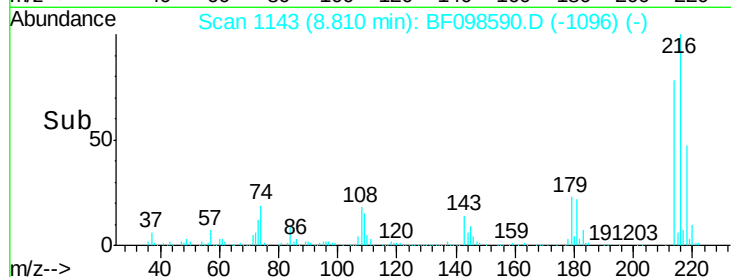
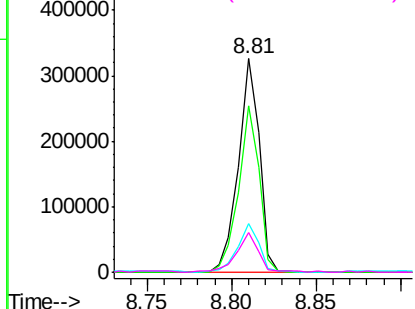
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	281618		
214	76.7	63.4	95.2	
179	22.6	17.9	26.9	
108	17.7	16.5	24.7	

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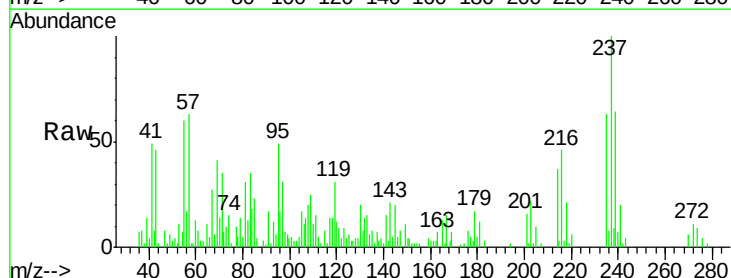


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

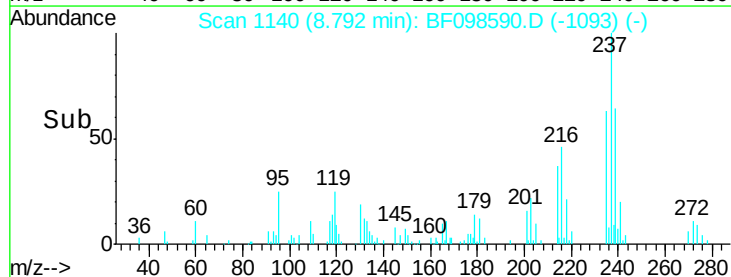
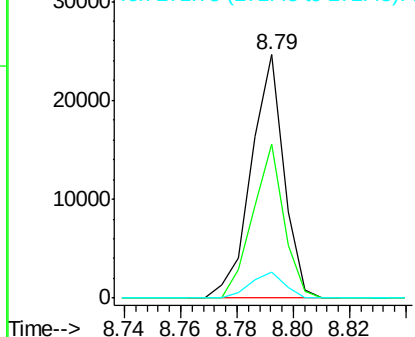


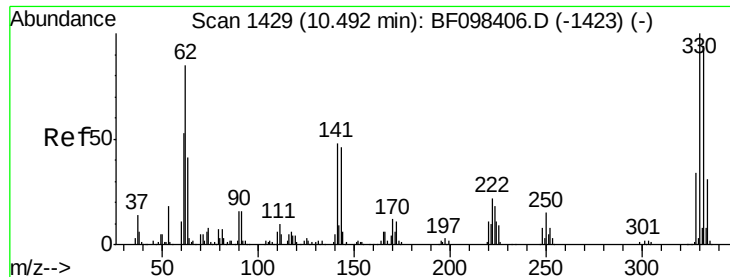
#40
 Hexachlorocyclopentadiene
 Concen: 17.999 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	19702		
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





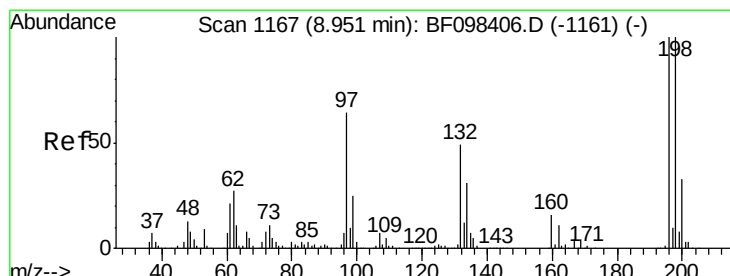
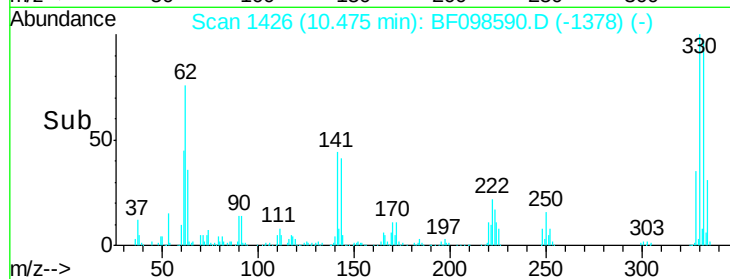
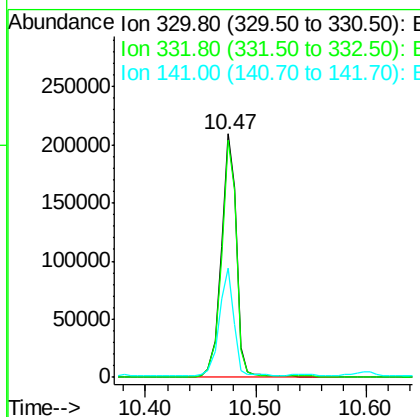
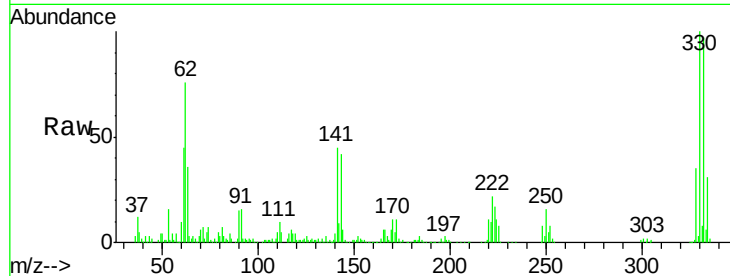
#41
 2,4,6-Tribromophenol
 Concen: 130.149 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMS

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

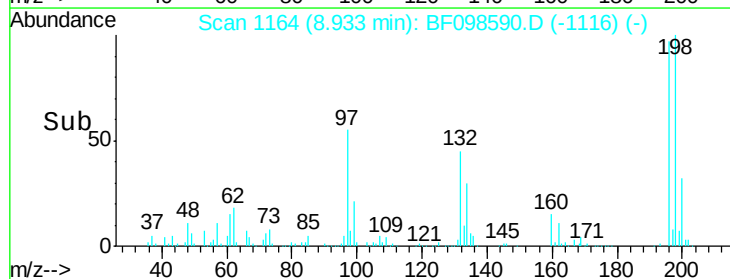
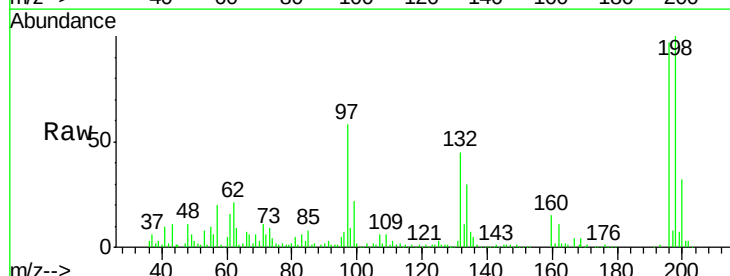
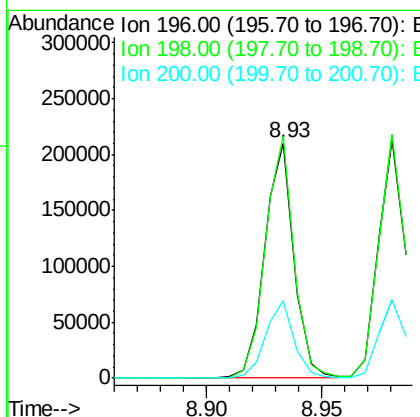
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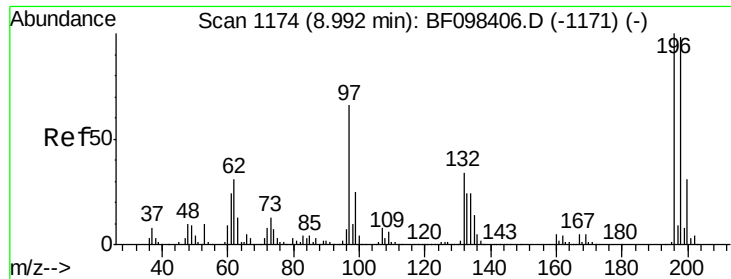
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#42
 2,4,6-Trichlorophenol
 Concen: 43.459 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

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





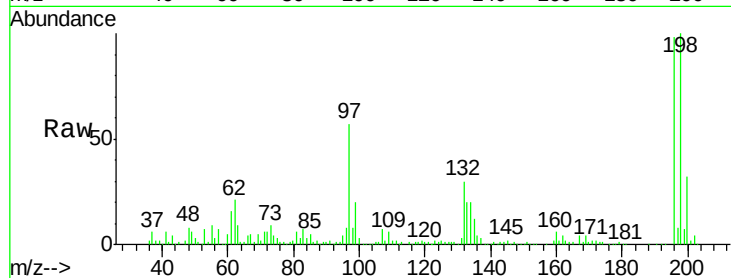
#43
 2,4,5-Trichlorophenol
 Concen: 42.753 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMS

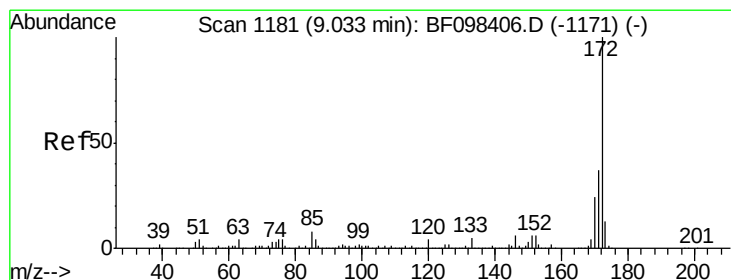
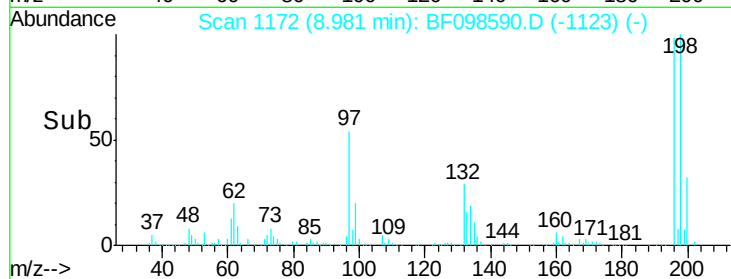
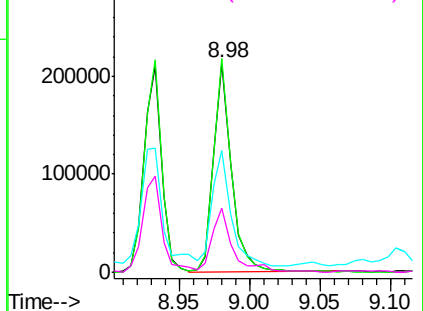
Tgt Ion:	196	Resp:	189633
Ion Ratio	Lower	Upper	
196	100		
198	102.2	75.7	113.5
97	58.3	47.7	71.5
132	30.3	28.0	42.0

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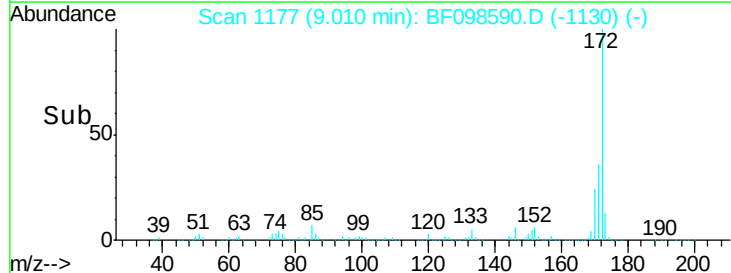
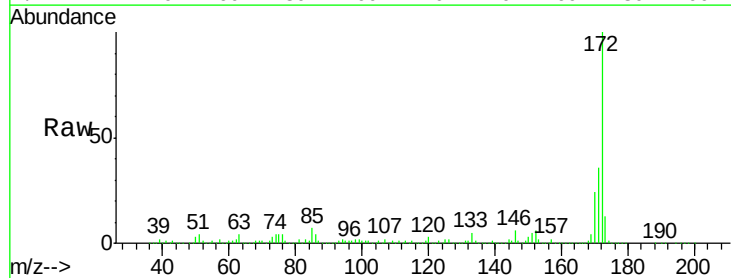
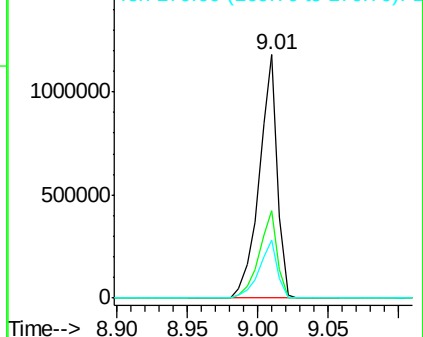
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

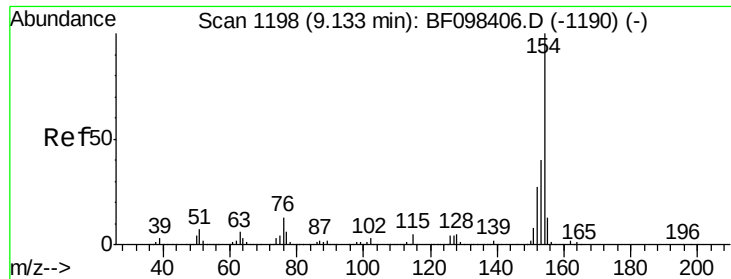


#44
 2-Fluorobiphenyl
 Concen: 77.916 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

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 :

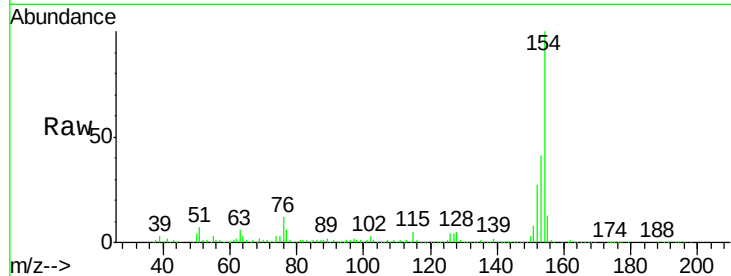
SOIL-STOCKPILE-INSIDEMS

Tgt Ion:	154	Resp:	780831
Ion Ratio	Lower	Upper	
154	100		
153	40.8	21.2	61.2
76	11.9	0.0	29.9

Manual Integrations
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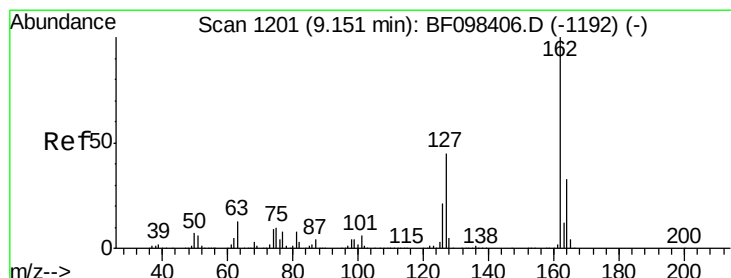
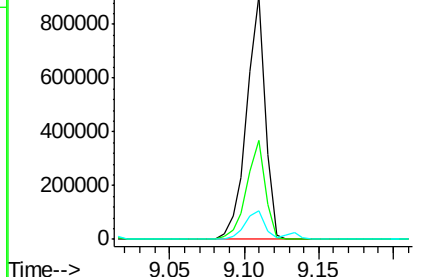
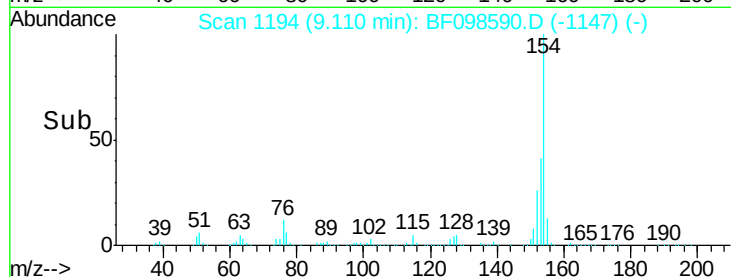
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Abundance Ion 154.00 (153.70 to 154.70): E

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

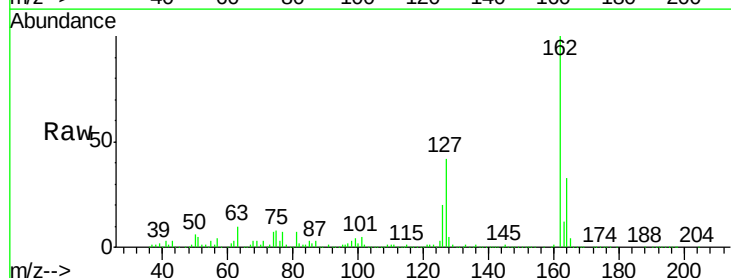
RT: 9.13 min Scan# 1198

Delta R.T. -0.02 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

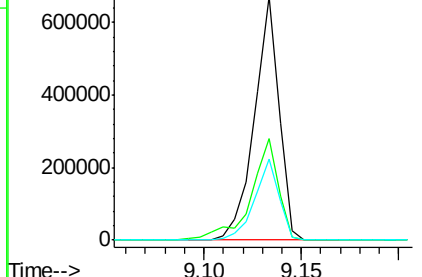
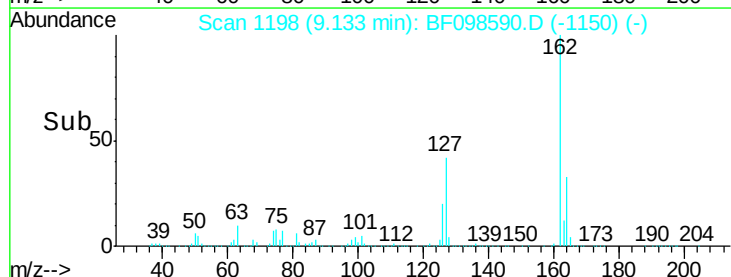
Tgt Ion:	162	Resp:	588059
Ion Ratio	Lower	Upper	
162	100		
127	41.8	28.3	42.5
164	33.3	27.0	40.4

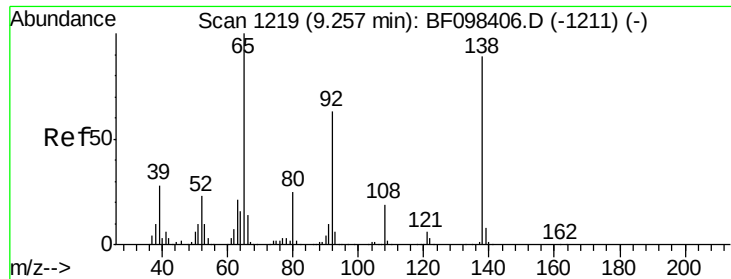


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





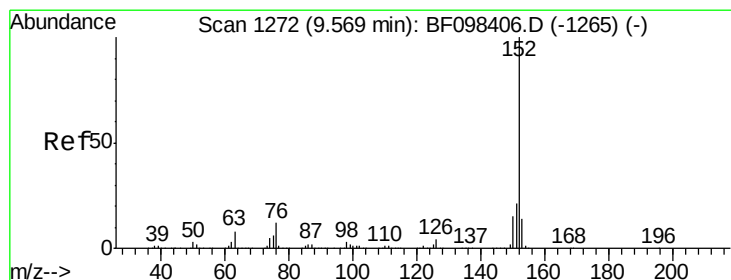
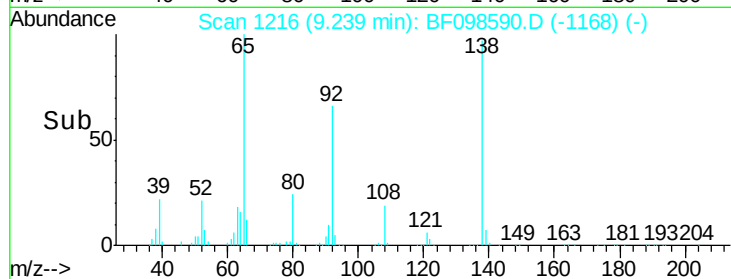
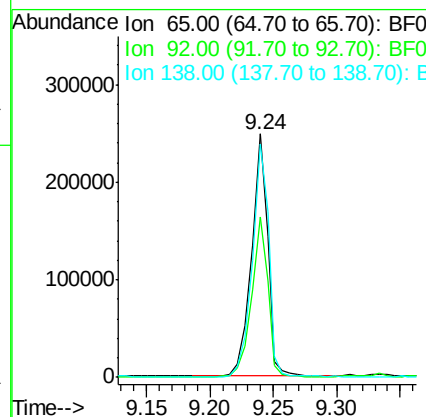
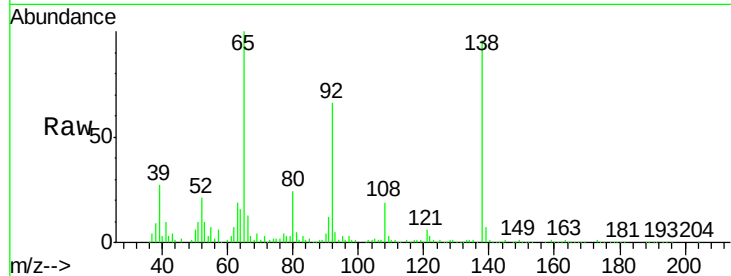
#47
2-Nitroaniline
Concen: 38.556 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

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

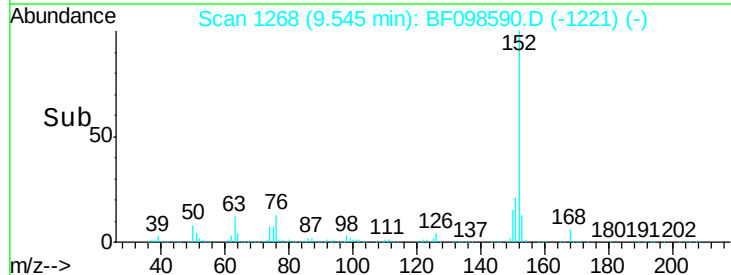
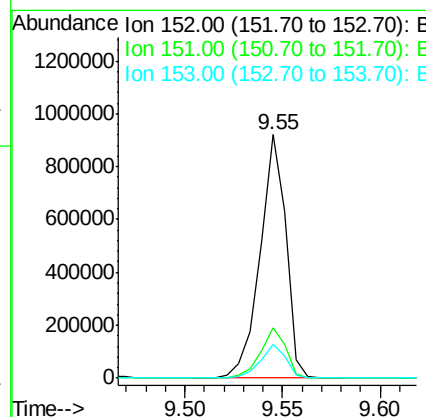
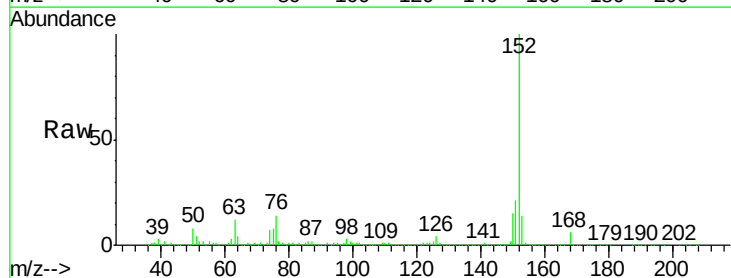
Manual Integrations
APPROVED

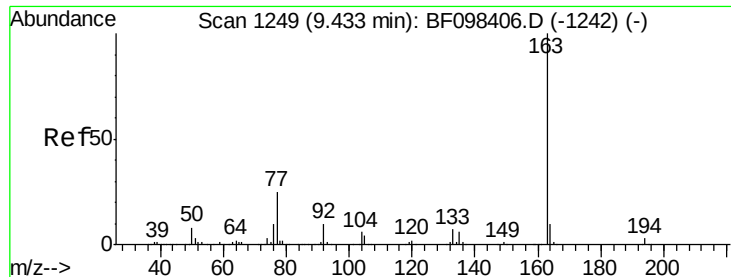
Sohil
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#48
Acenaphthylene
Concen: 38.140 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

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





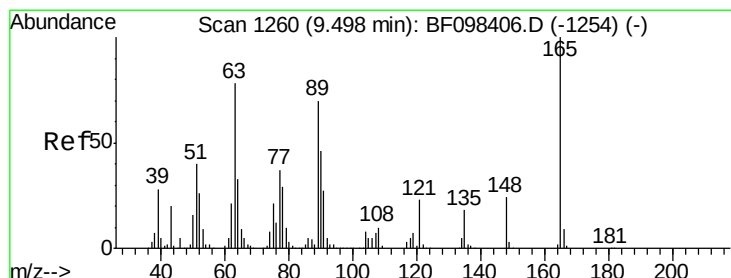
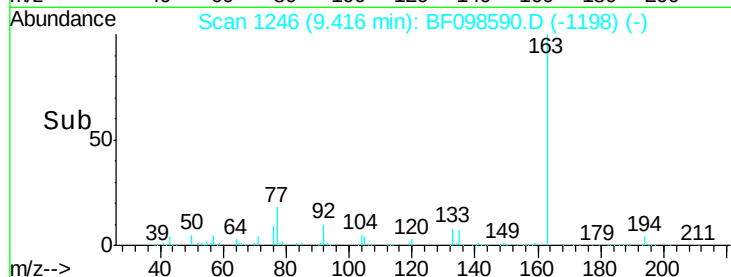
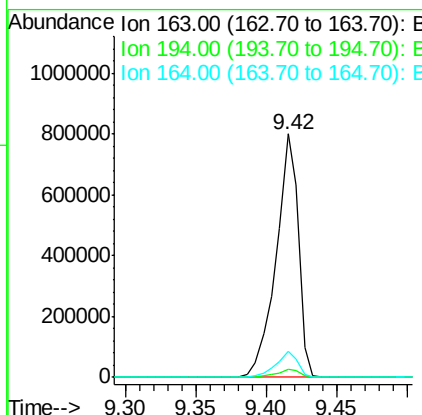
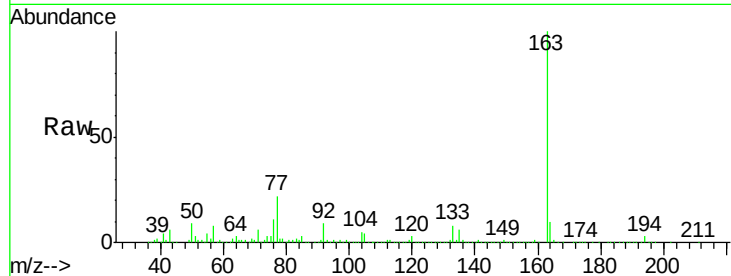
#49
Dimethylphthalate
Concen: 49.128 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

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

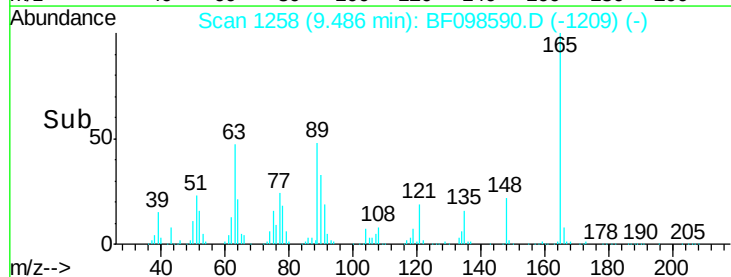
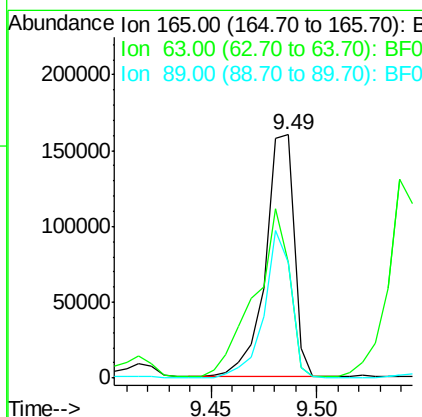
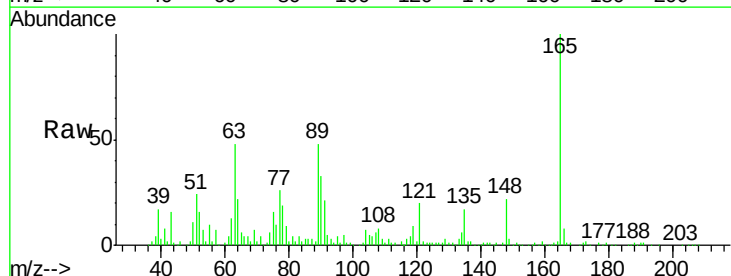
Manual Integrations
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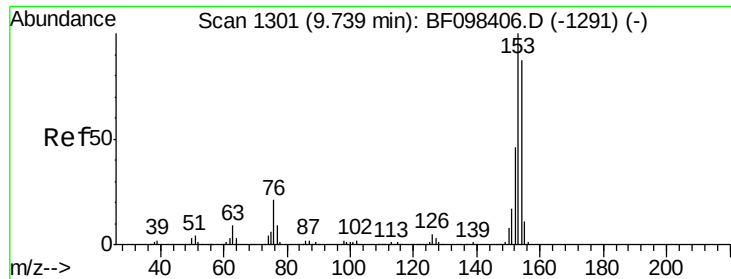
Sohil
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#50
2,6-Dinitrotoluene
Concen: 41.317 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

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





#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

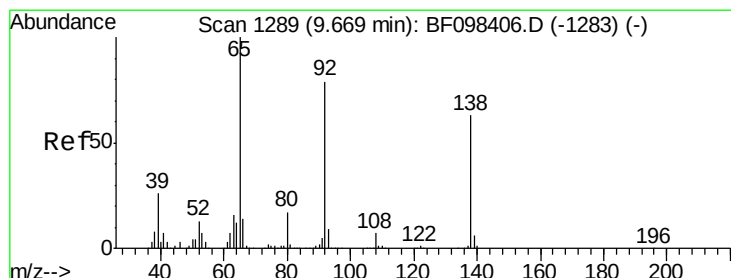
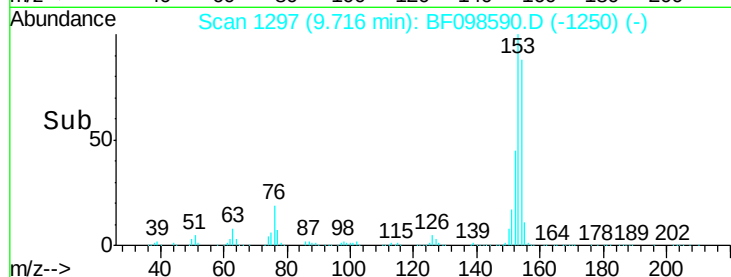
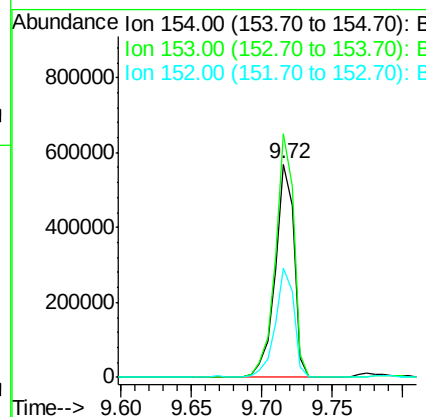
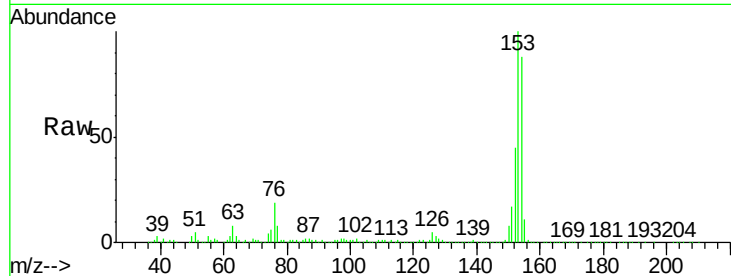
ClientSampleId :

SOIL-STOCKPILE-INSIDEMS

Tgt Ion:	154	Resp:	533258
Ion Ratio	Lower	Upper	
154	100		
153	114.1	90.5	135.7
152	51.3	43.6	65.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 33.025 ng

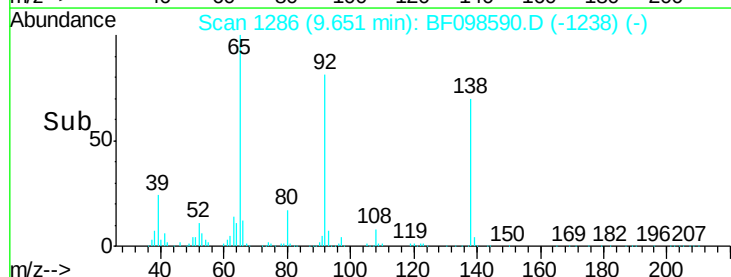
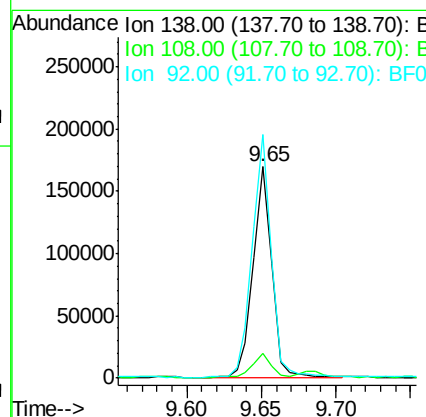
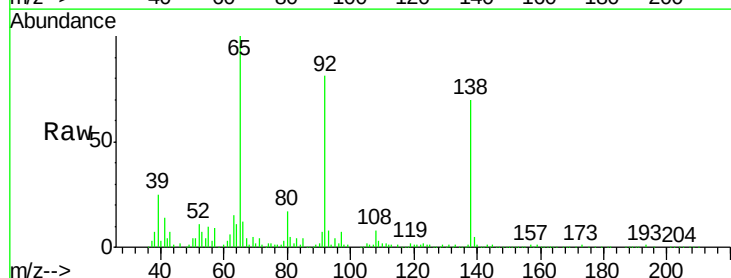
RT: 9.65 min Scan# 1286

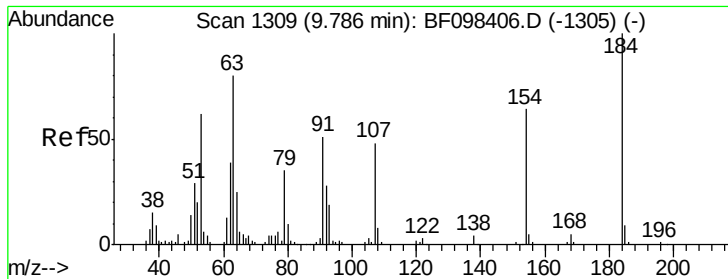
Delta R.T. -0.02 min

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





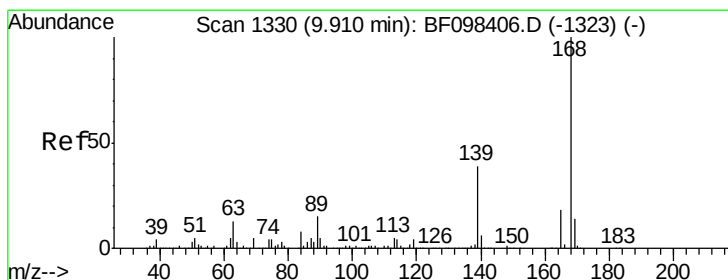
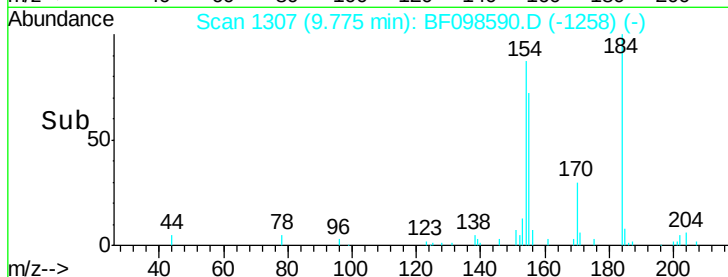
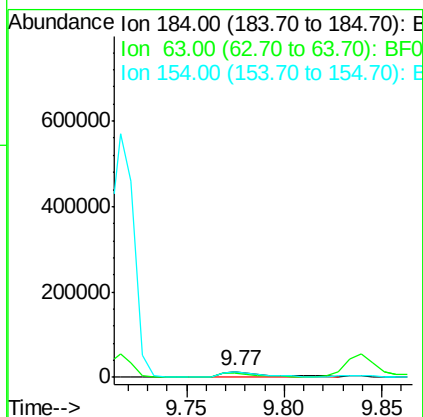
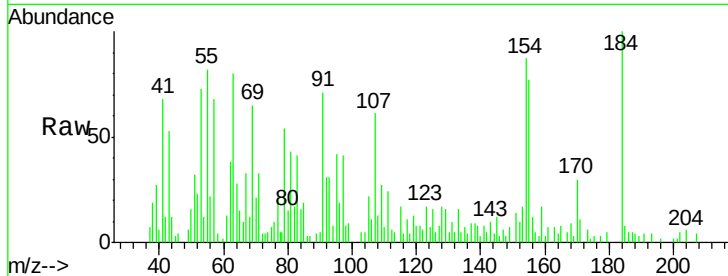
#53
2,4-Dinitrophenol
Concen: 20.417 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

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

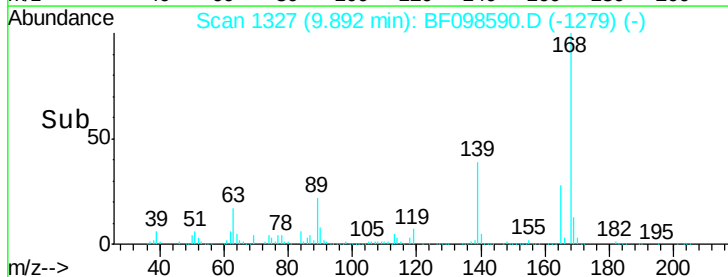
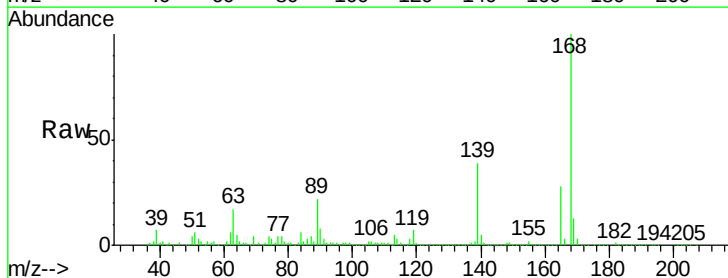
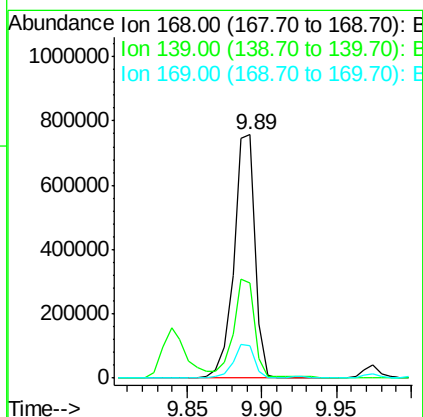
Manual Integrations
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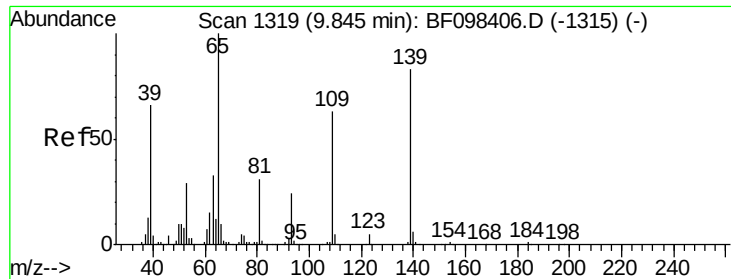
Sohil
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#54
Dibenzofuran
Concen: 40.708 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

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





#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

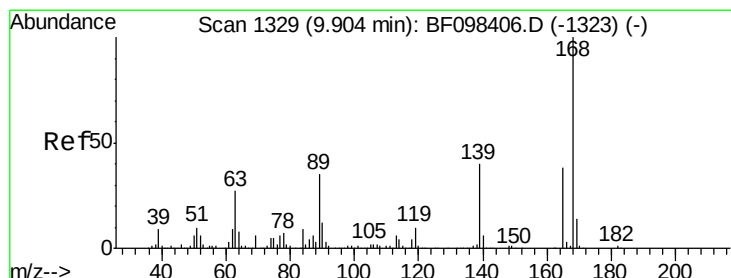
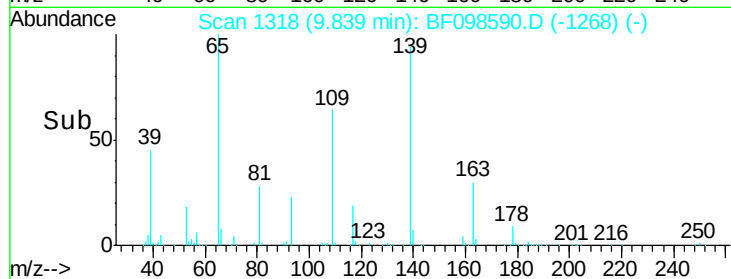
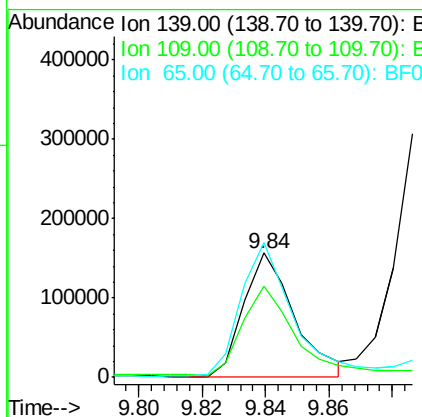
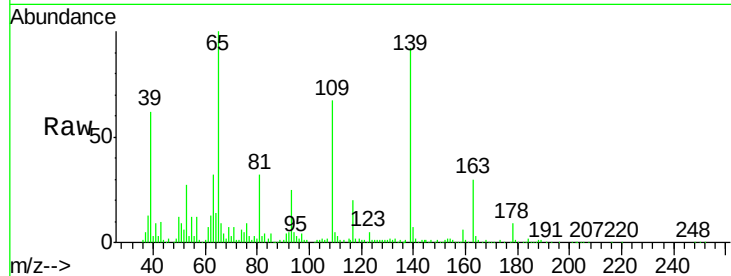
ClientSampleId :

SOIL-STOCKPILE-INSIDEMS

Tgt Ion:	139	Resp:	173140
Ion Ratio	Lower	Upper	
139	100		
109	73.4	34.1	74.1
65	108.9	31.4	71.4#

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 41.436 ng

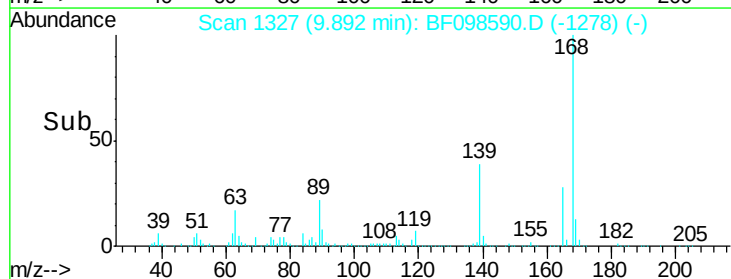
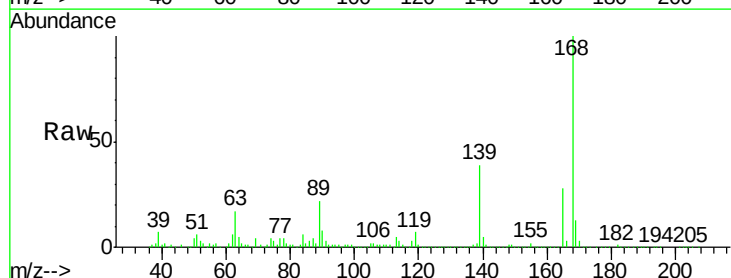
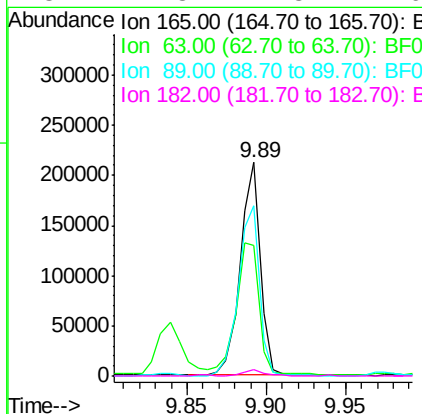
RT: 9.89 min Scan# 1327

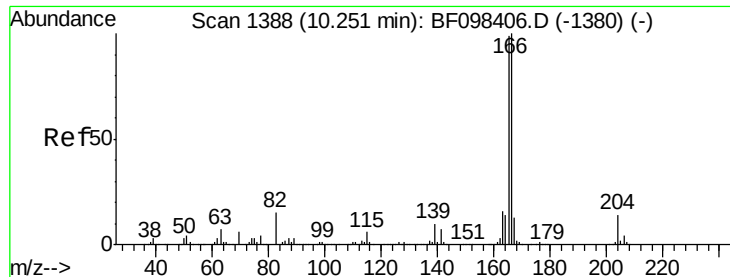
Delta R.T. -0.01 min

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#





#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

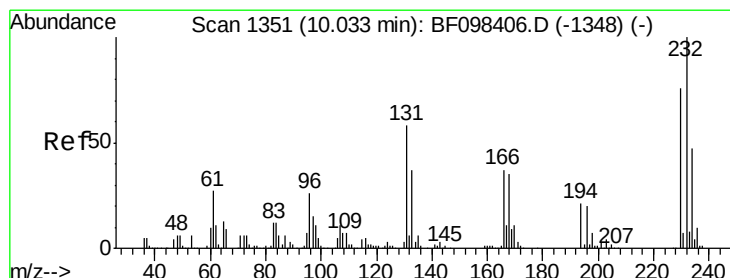
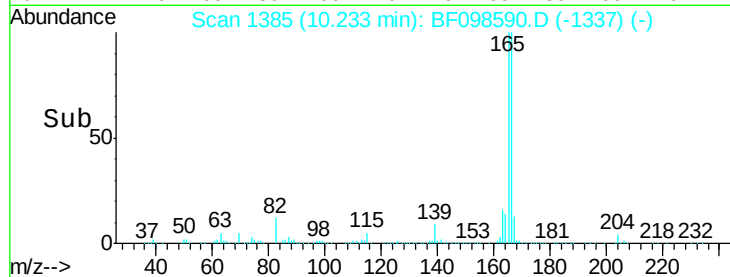
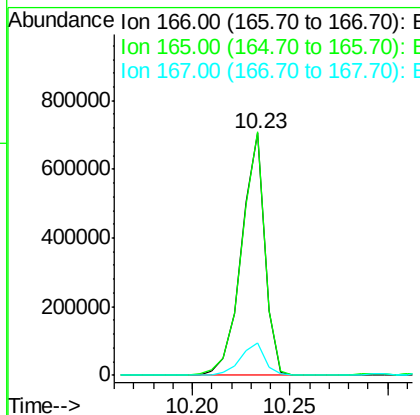
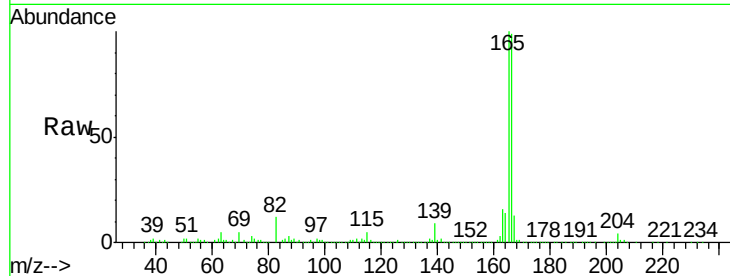
ClientSampleId :

SOIL-STOCKPILE-INSIDEMS

Tgt Ion:	166	Resp:	581813
Ion Ratio	Lower	Upper	
166	100		
165	100.5	78.8	118.2
167	13.3	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.747 ng

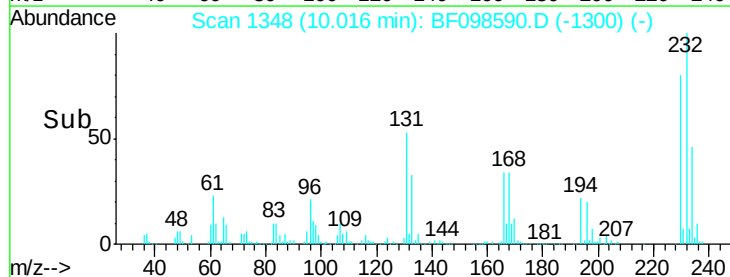
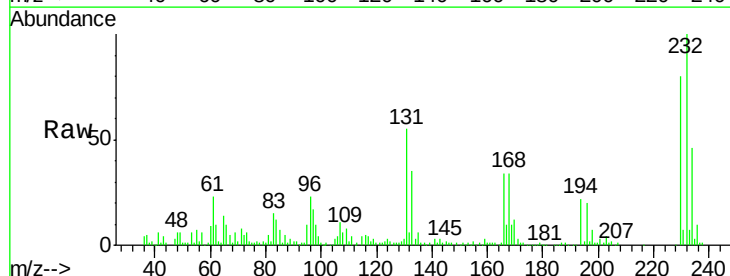
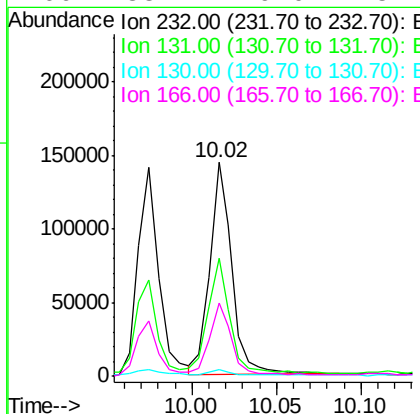
RT: 10.02 min Scan# 1348

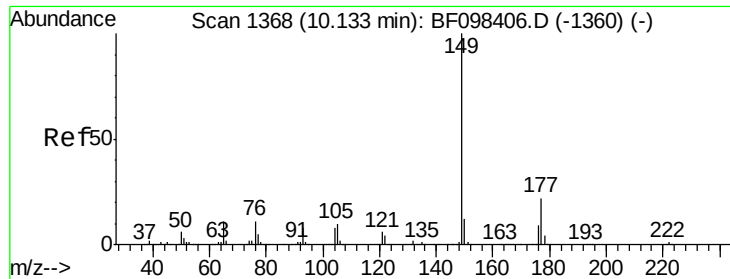
Delta R.T. -0.02 min

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





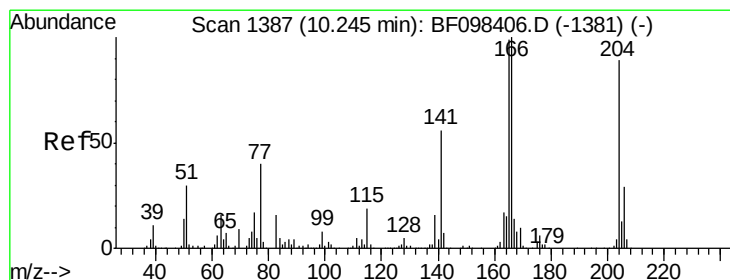
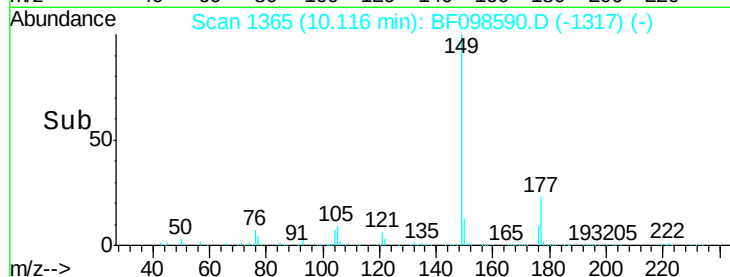
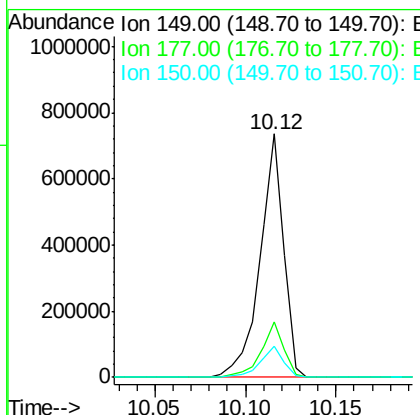
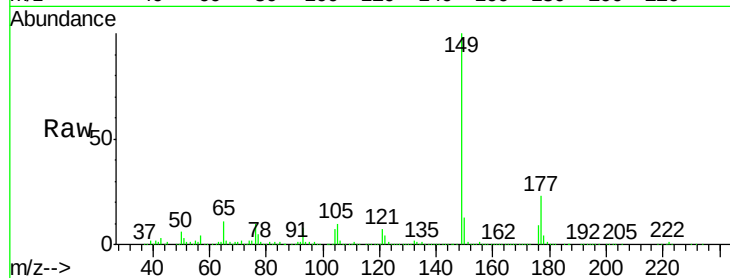
#59
Diethylphthalate
Concen: 38.912 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

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

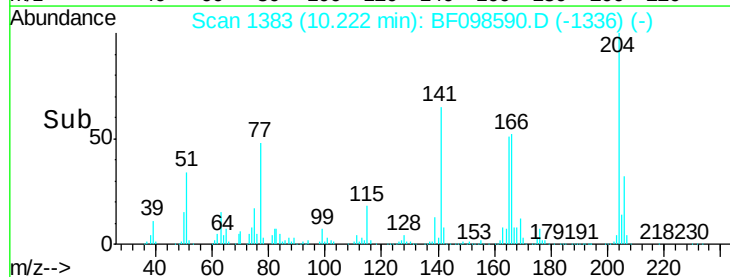
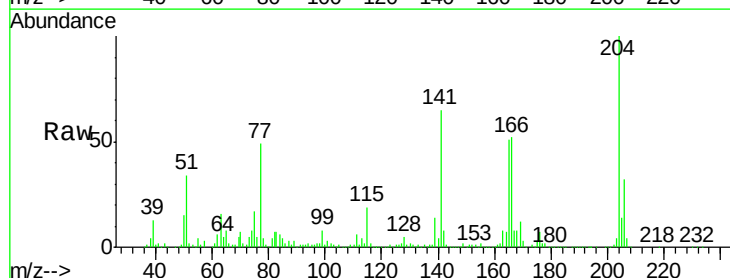
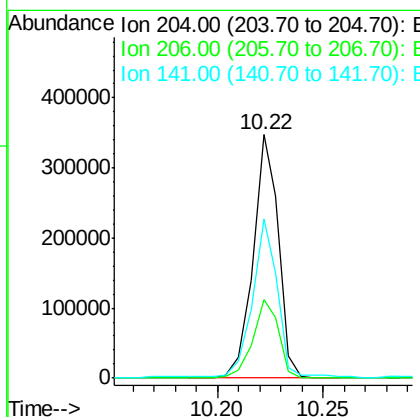
Manual Integrations
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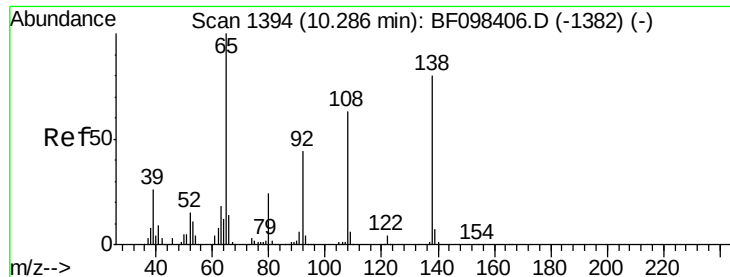
Sohil
9/18/2017 3:35:08 PM



#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	Ratio	Resp	Lower	Upper
204	100	287051		
206	32.0	26.2	39.2	
141	65.3	60.8	91.2	





#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

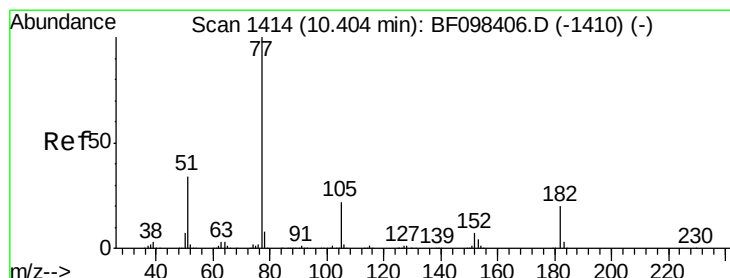
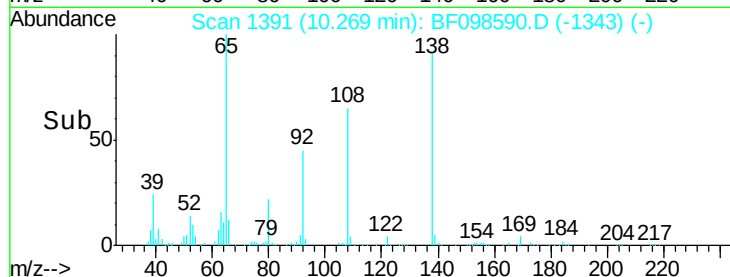
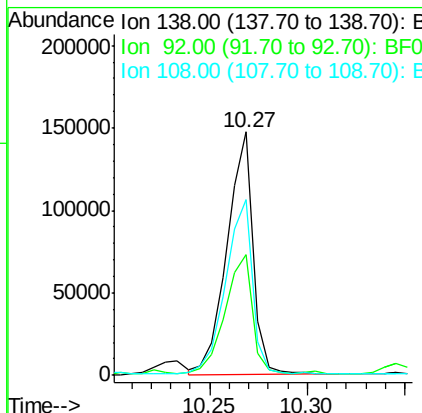
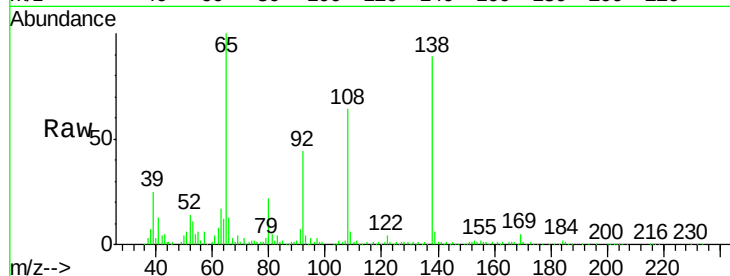
ClientSampleId :

SOIL-STOCKPILE-INSIDEMS

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

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#62

Azobenzene

Concen: 33.861 ng

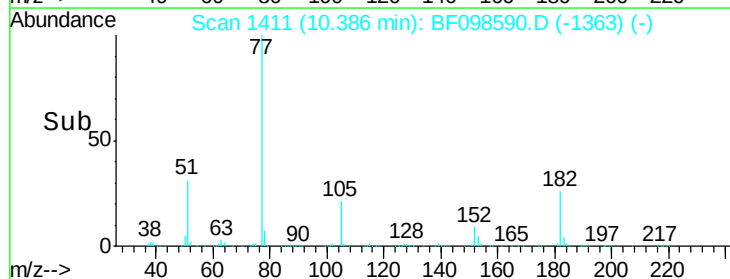
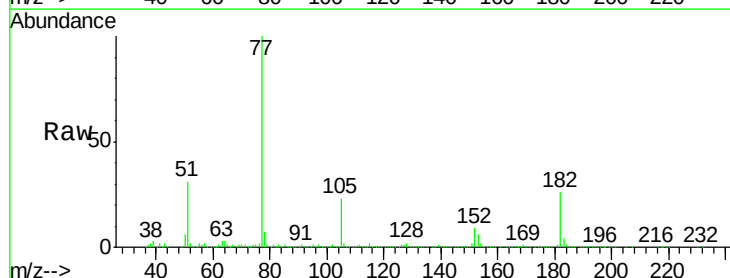
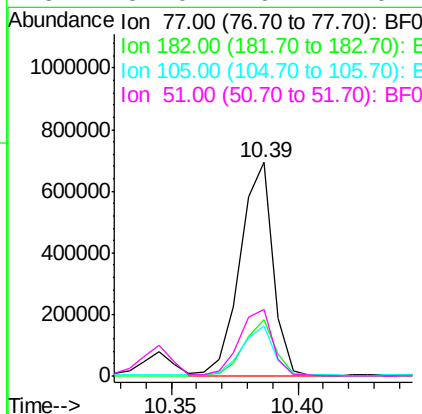
RT: 10.39 min Scan# 1411

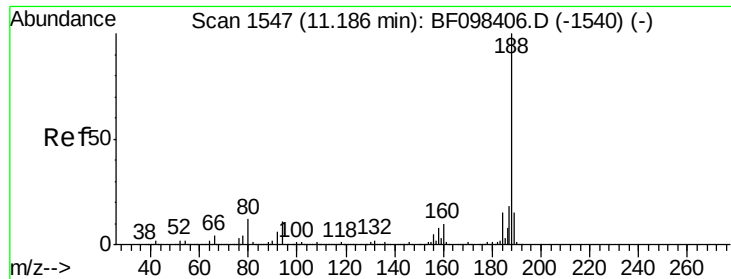
Delta R.T. -0.02 min

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





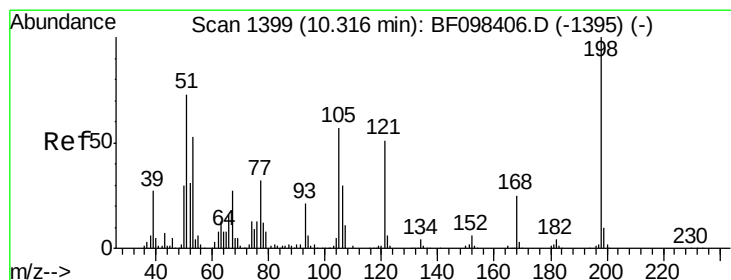
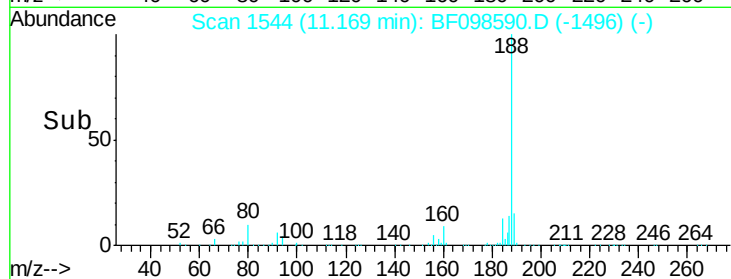
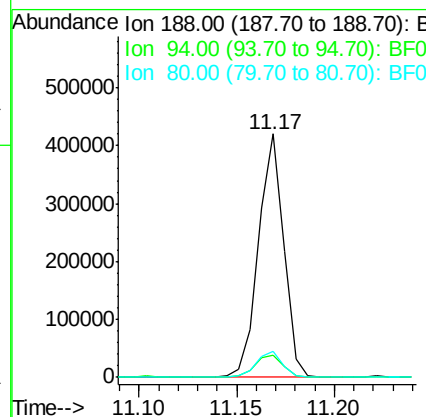
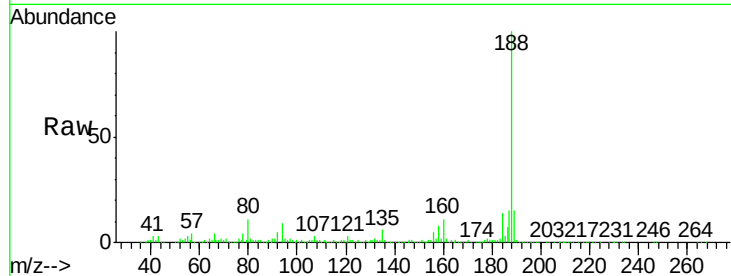
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

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

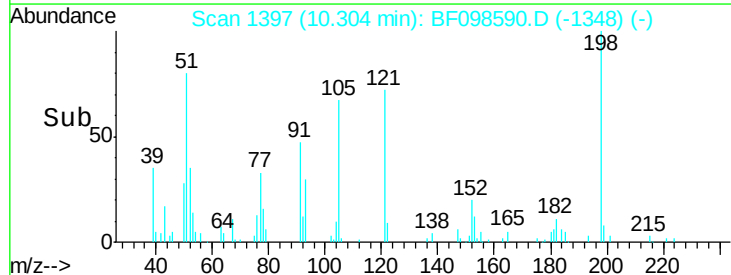
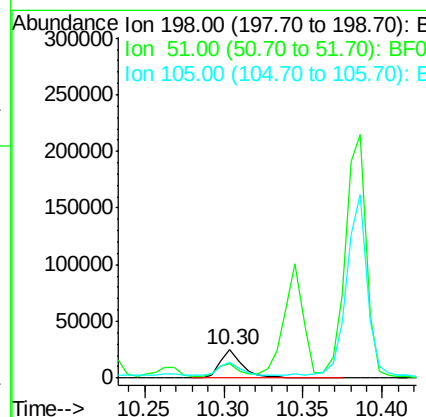
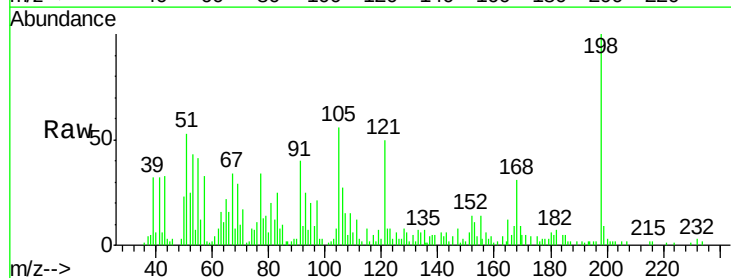
Manual Integrations
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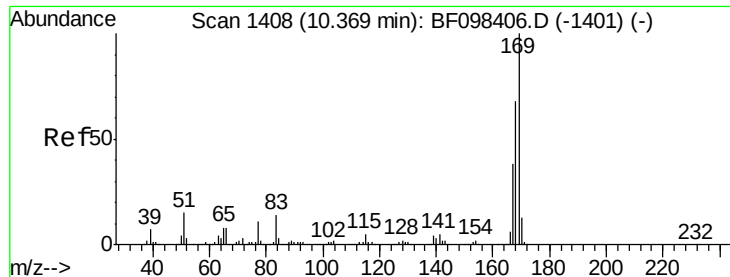
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#64
4,6-Dinitro-2-methylphenol
Concen: 14.724 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

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





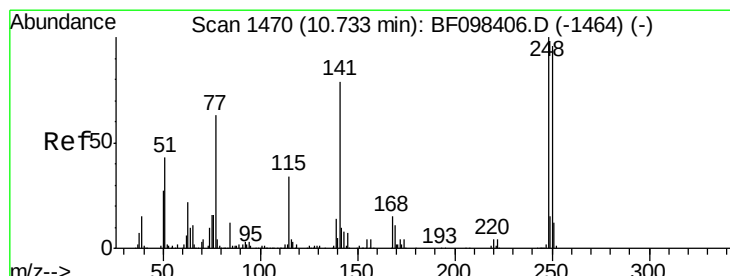
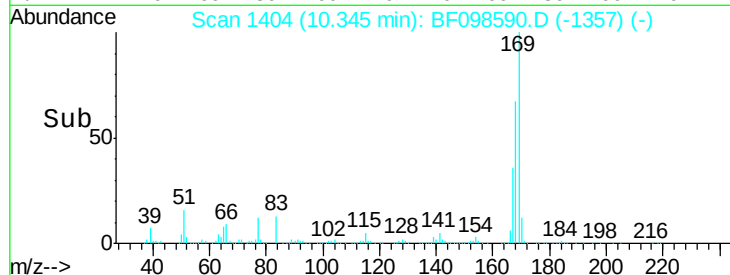
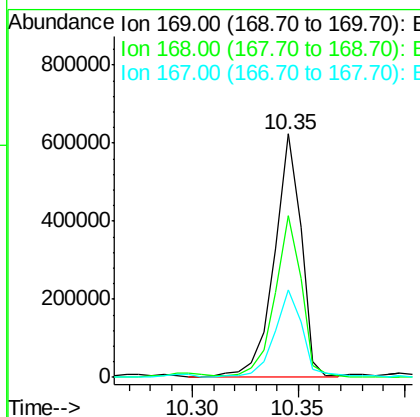
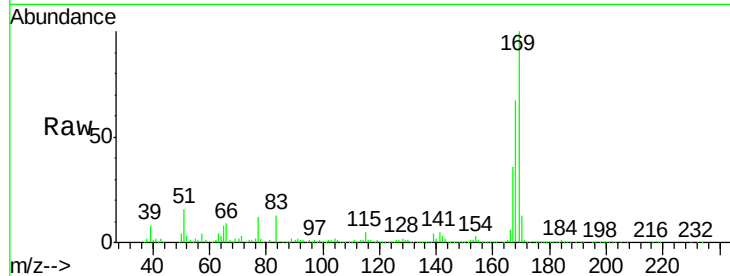
#65
n-Nitrosodiphenylamine
Concen: 44.582 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

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

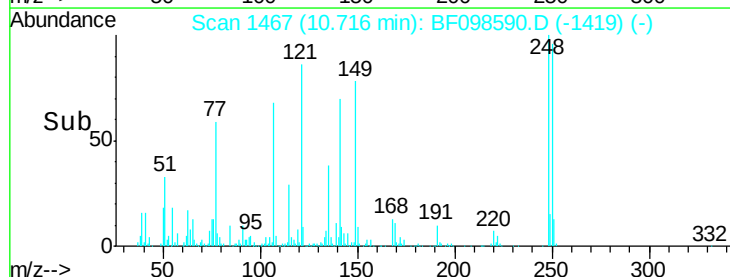
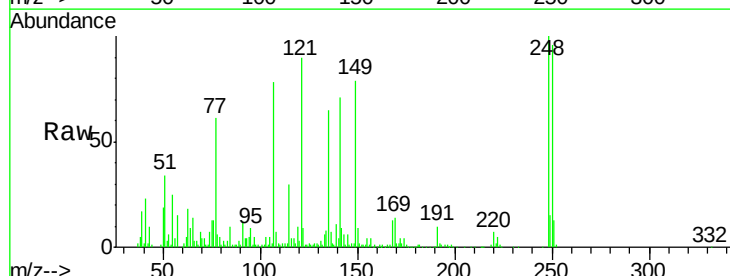
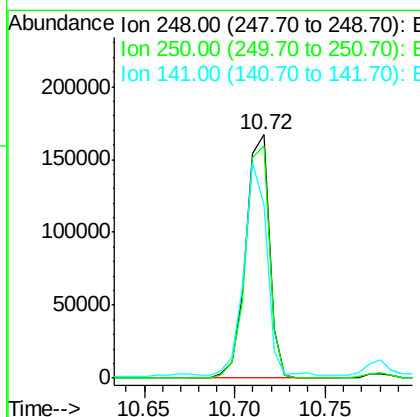
Manual Integrations
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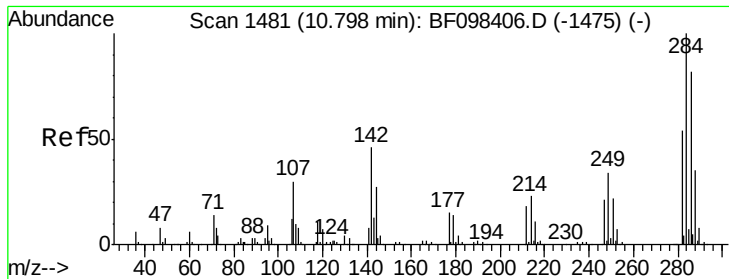
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 42.425 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.02 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	151614		
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 :

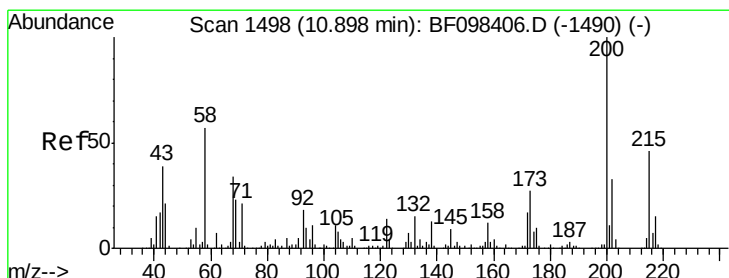
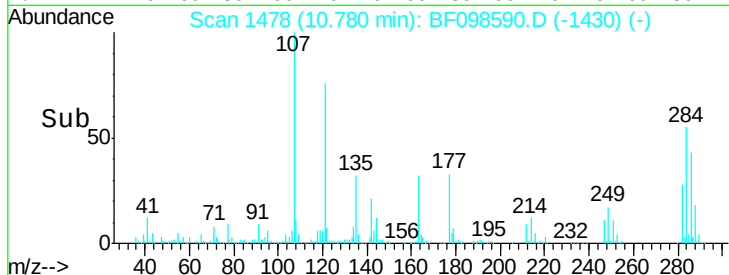
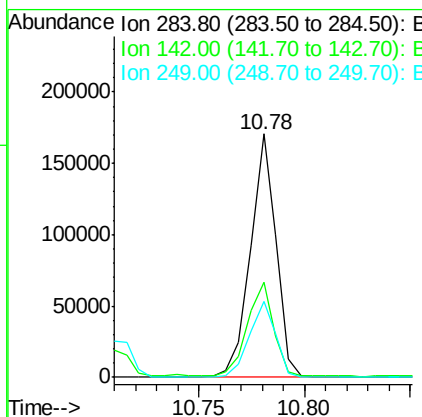
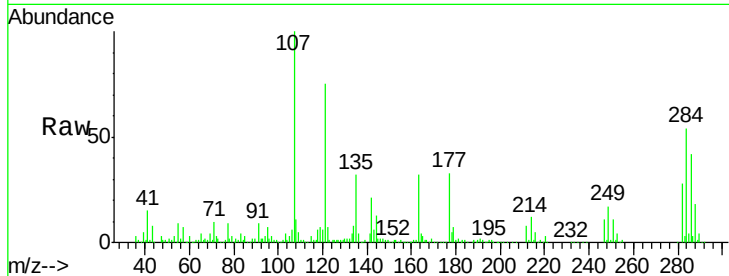
SOIL-STOCKPILE-INSIDEMS

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

Manual Integrations
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#68

Atrazine

Concen: 40.096 ng

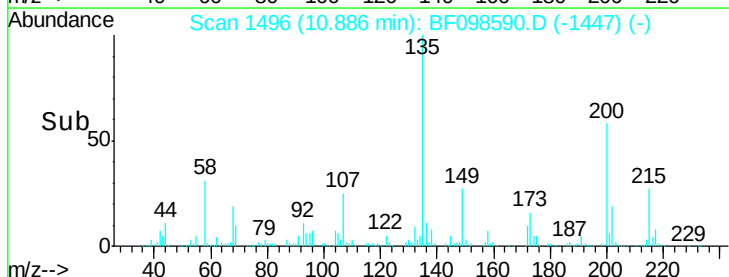
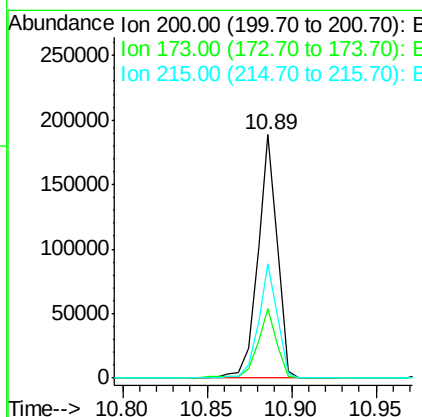
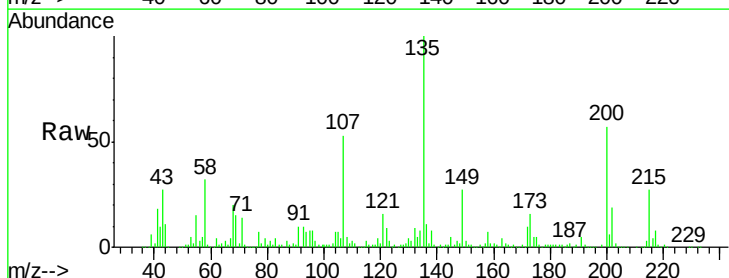
RT: 10.89 min Scan# 1496

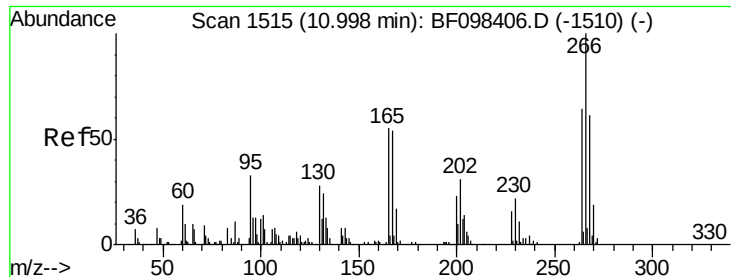
Delta R.T. -0.01 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

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





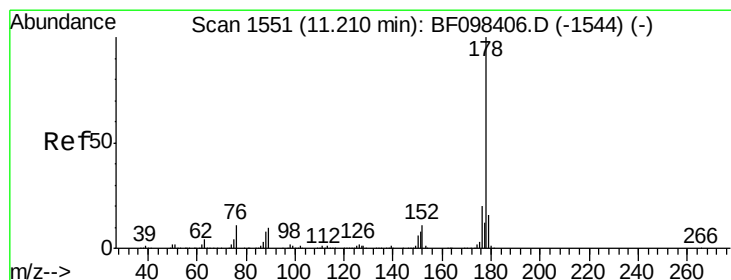
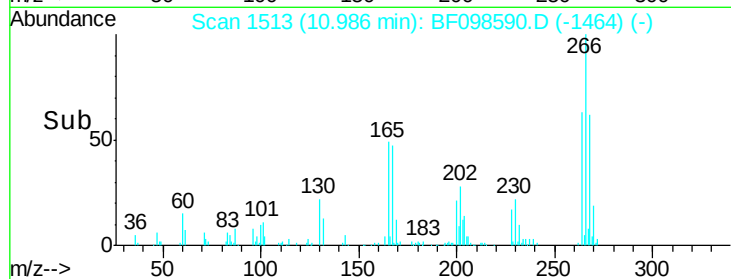
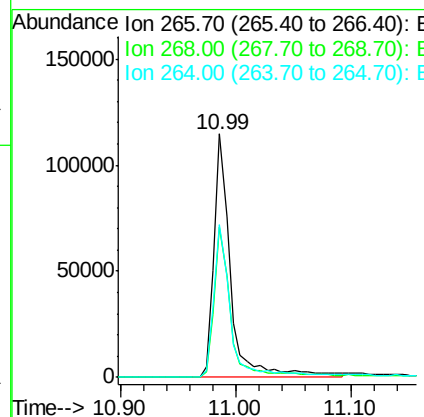
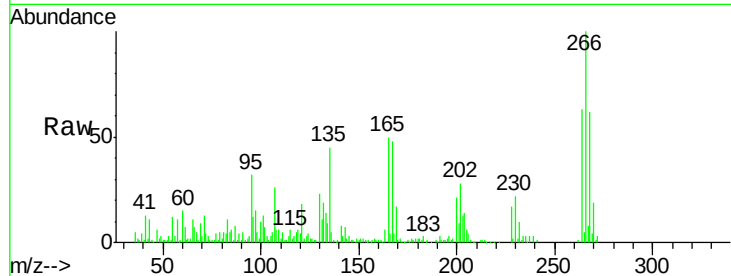
#69
 Pentachlorophenol
 Concen: 73.423 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	116814		
268	61.7	51.1	76.7	
264	62.6	51.7	77.5	

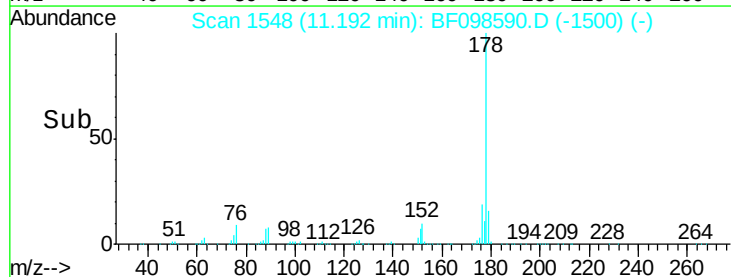
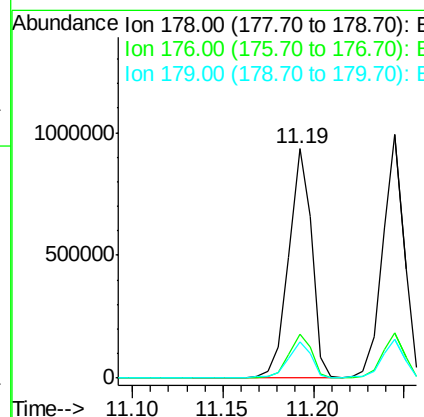
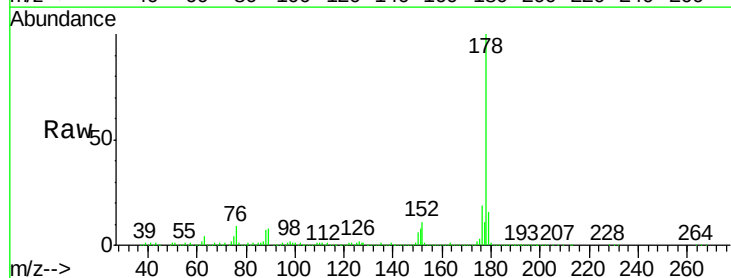
Manual Integrations
 APPROVED

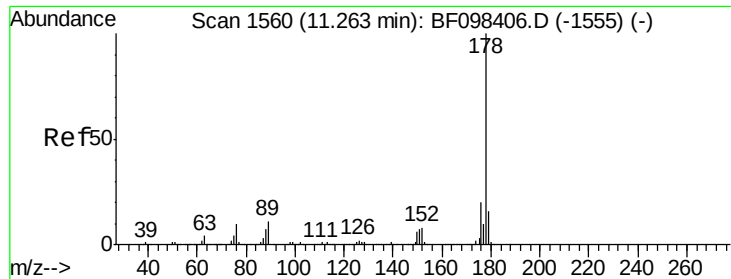
Sohil
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#70
 Phenanthrene
 Concen: 41.278 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	823974		
176	18.9	16.2	24.4	
179	15.9	12.6	19.0	





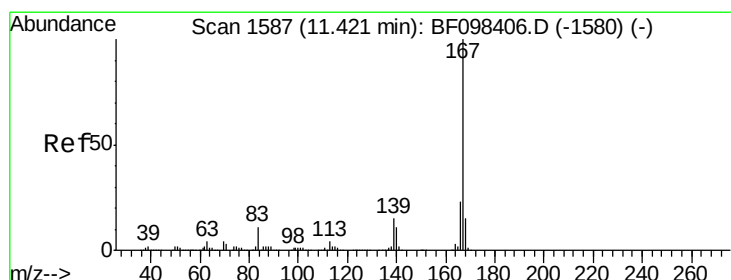
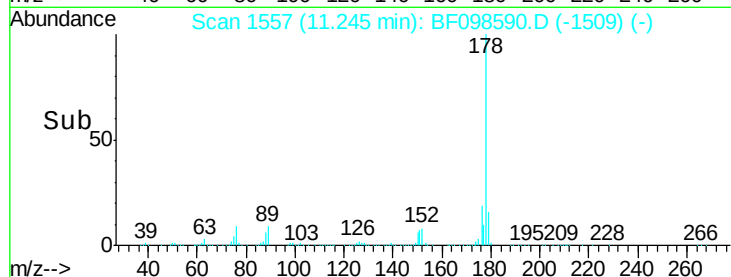
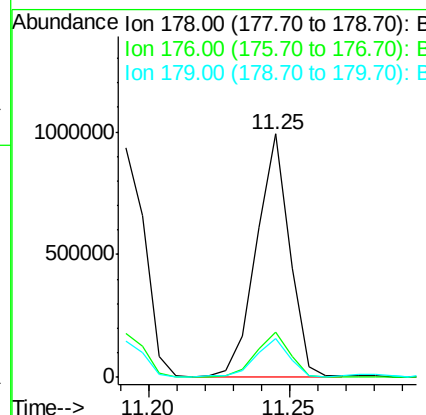
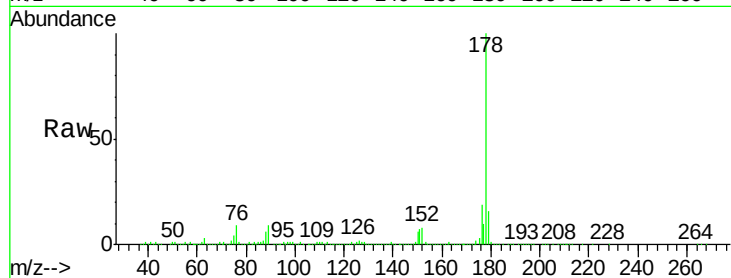
#71
 Anthracene
 Concen: 39.312 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.7	12.7	19.1

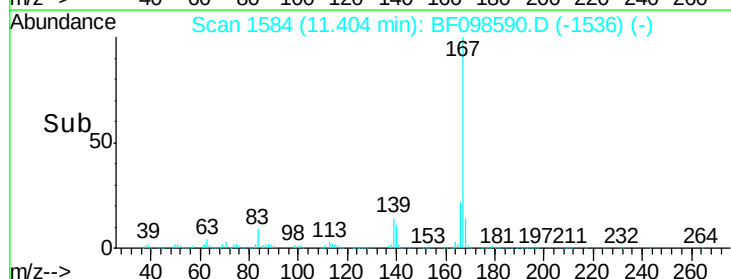
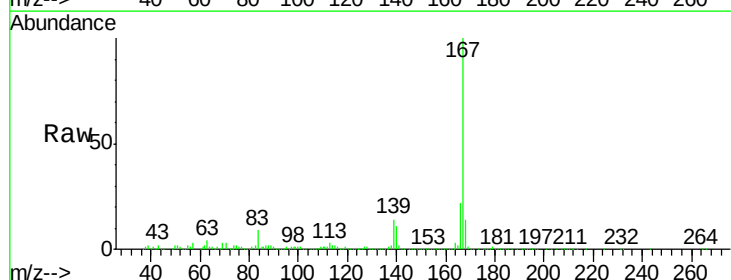
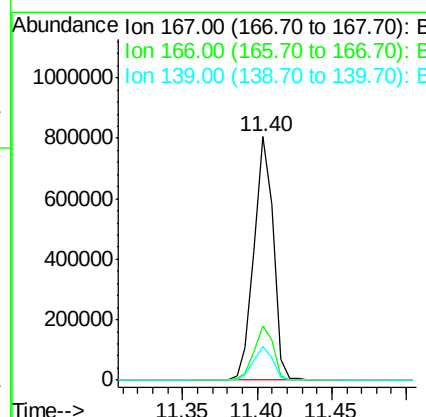
Manual Integrations
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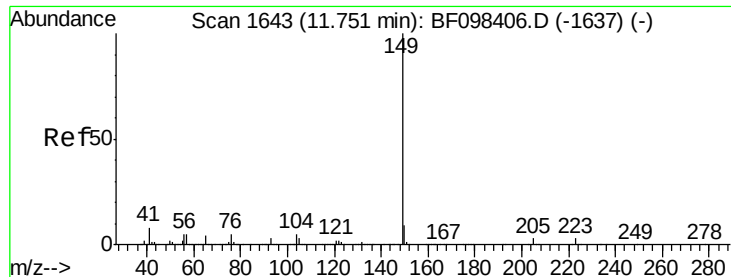
Sohil
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#72
 Carbazole
 Concen: 37.325 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Tgt Ion	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

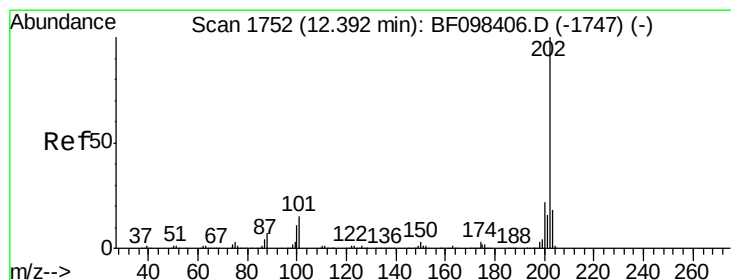
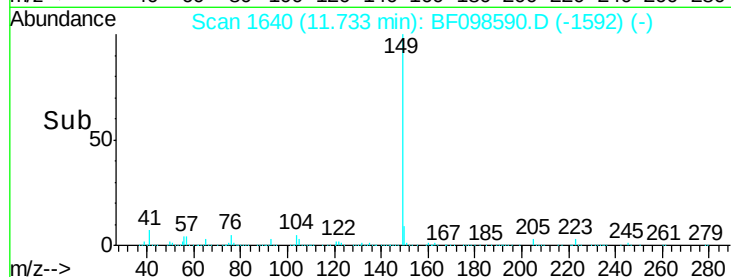
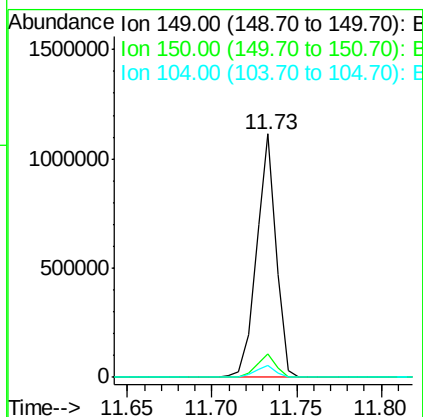
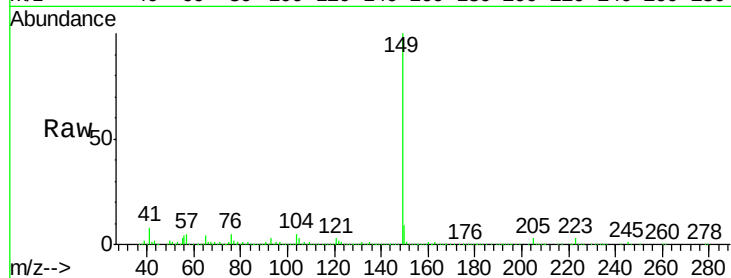
ClientSampleId :

SOIL-STOCKPILE-INSIDEMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	895758		
150	9.4	7.7	11.5	
104	4.8	4.0	6.0	

Manual Integrations
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#74

Fluoranthene

Concen: 34.212 ng

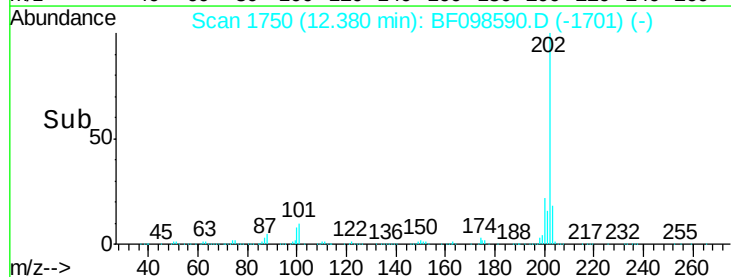
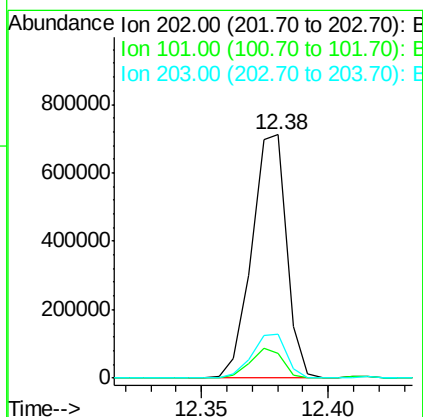
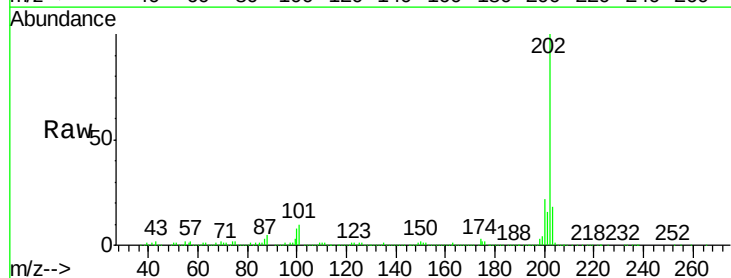
RT: 12.38 min Scan# 1750

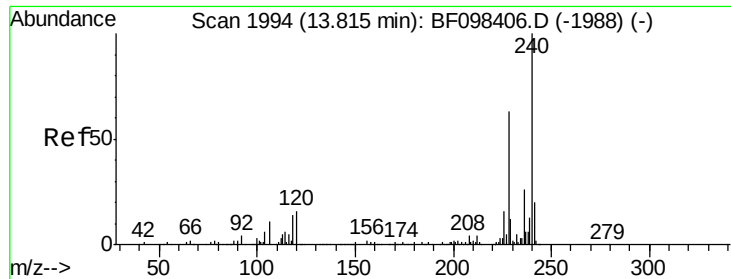
Delta R.T. -0.01 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	683661		
101	9.9	0.0	33.2	
203	17.8	0.0	38.1	





#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

Tgt Ion: 240 Resp: 224011

Ion Ratio Lower Upper

240 100

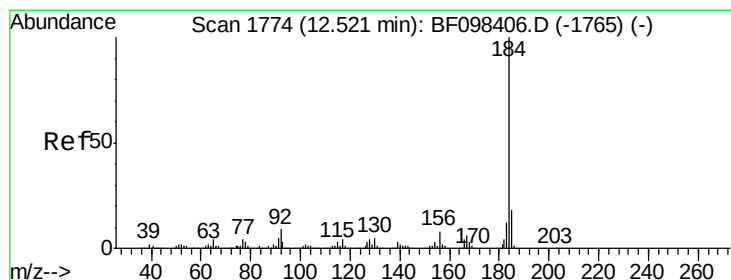
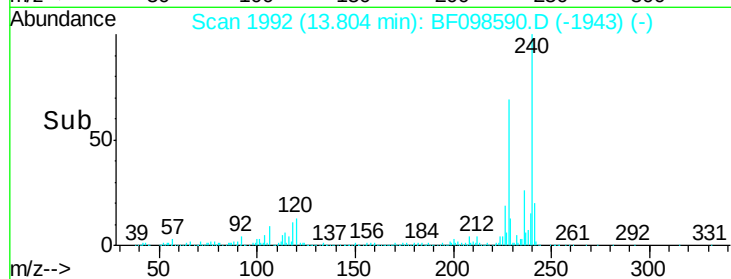
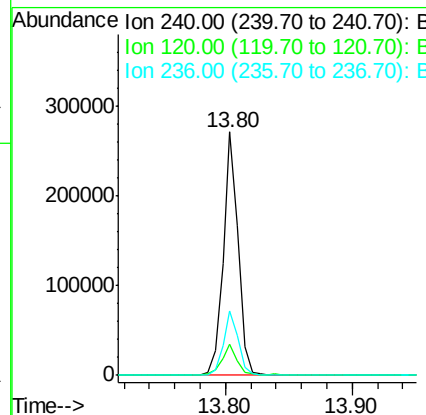
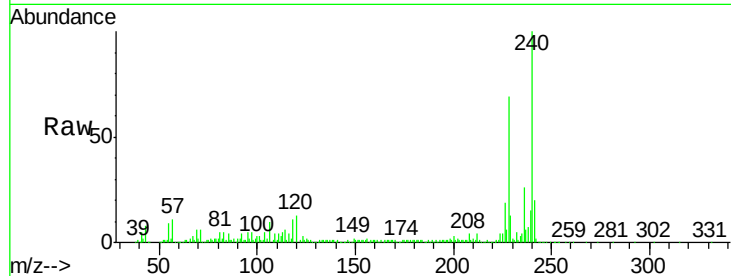
120 13.0 5.8 8.8#

236 26.5 20.5 30.7

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#76

Benzidine

Concen: 0.700 ng

RT: 12.51 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF098590.D

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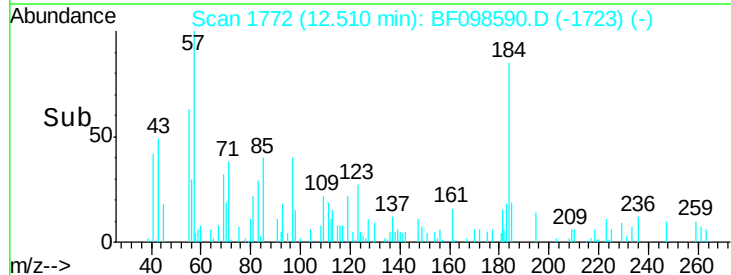
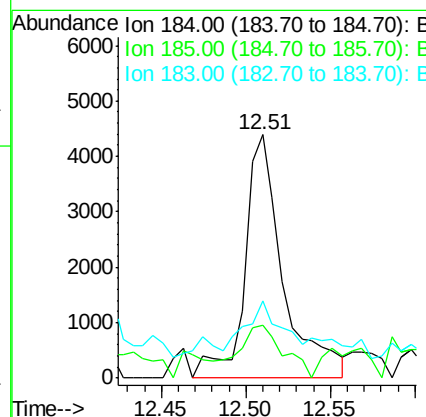
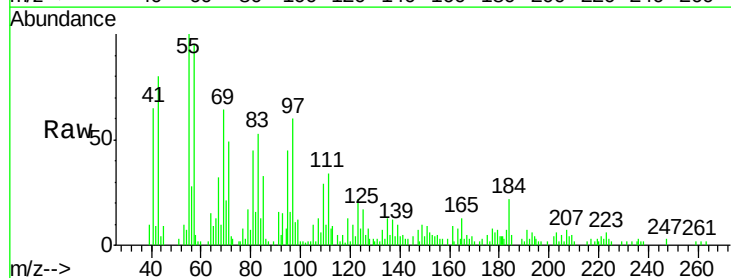
Tgt Ion: 184 Resp: 6941

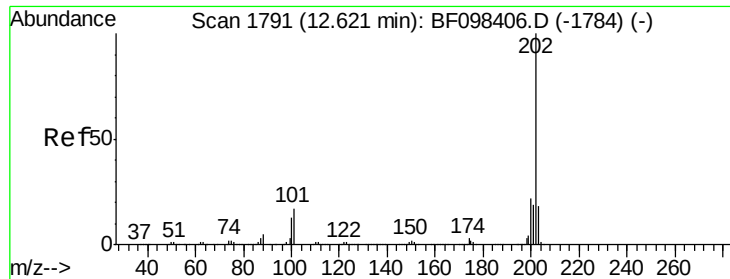
Ion Ratio Lower Upper

184 100

185 21.9 15.5 23.3

183 31.5 9.8 14.6#





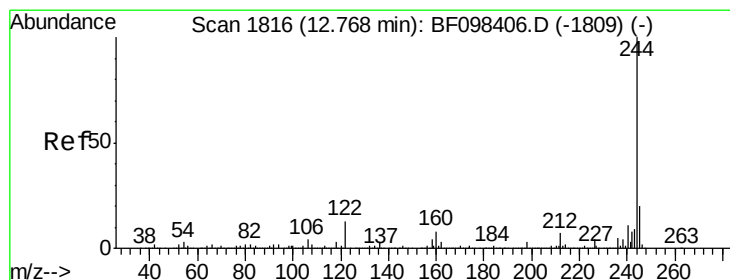
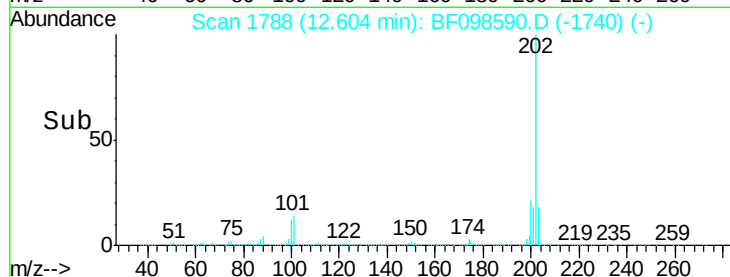
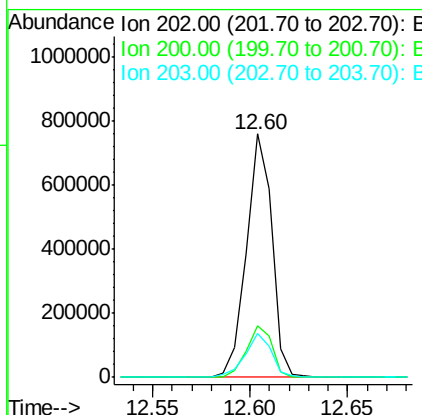
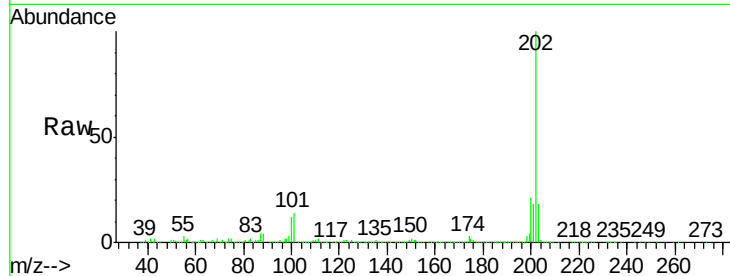
#77
Pyrene
 Concen: 38.894 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMS

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

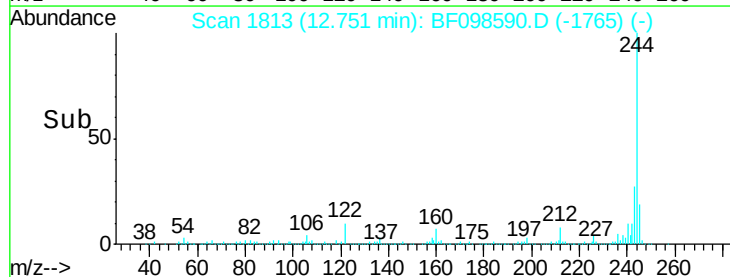
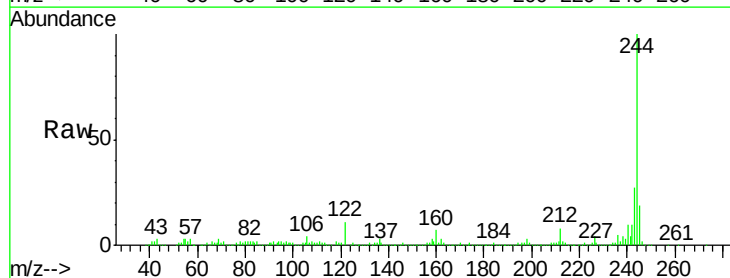
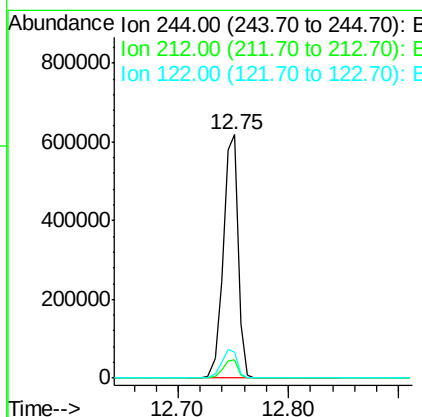
Manual Integrations
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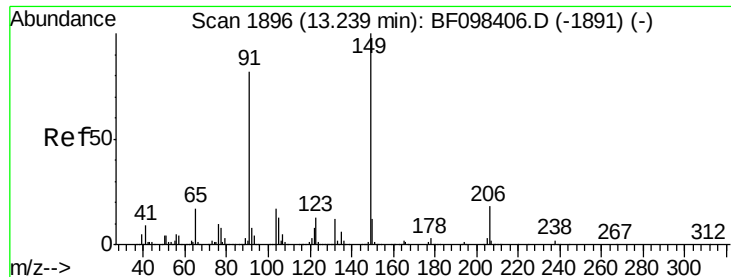
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#78
Terphenyl-d14
 Concen: 56.186 ng
 RT: 12.75 min Scan# 1813
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Tgt Ion:	244	Resp:	583109
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.0	9.0
122	10.6	10.3	15.5





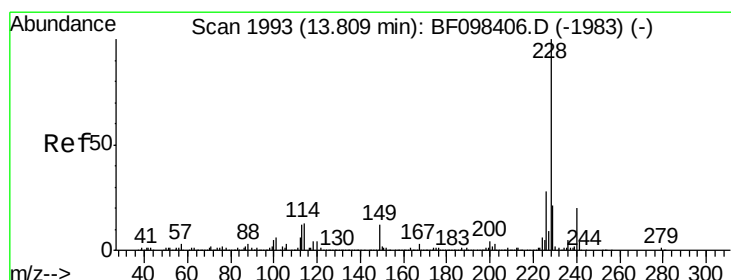
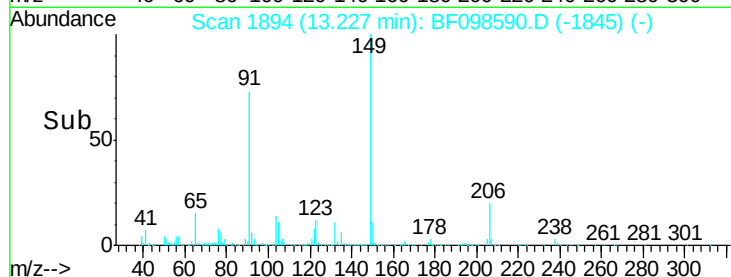
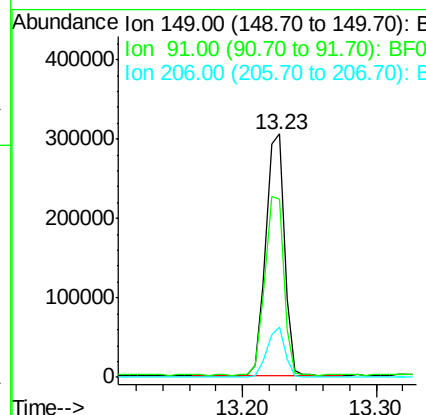
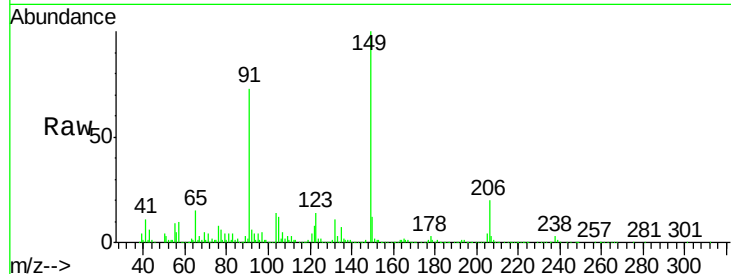
#79
Butylbenzylphthalate
Concen: 38.461 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	73.4	45.0	67.4#
206	20.5	17.0	25.6

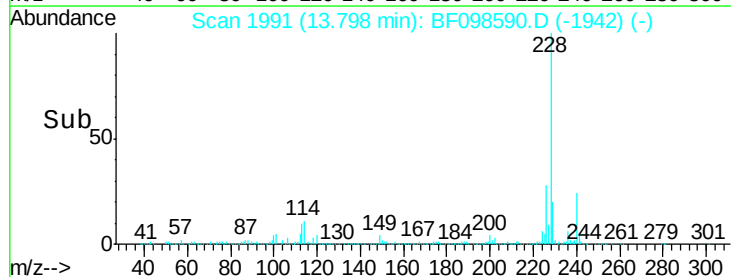
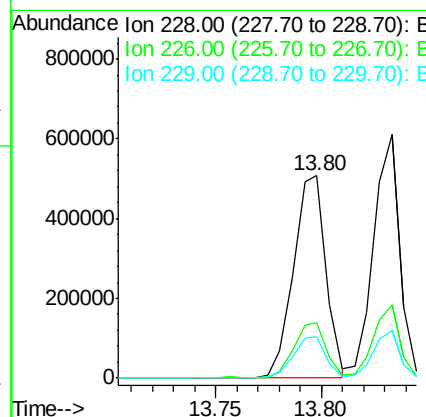
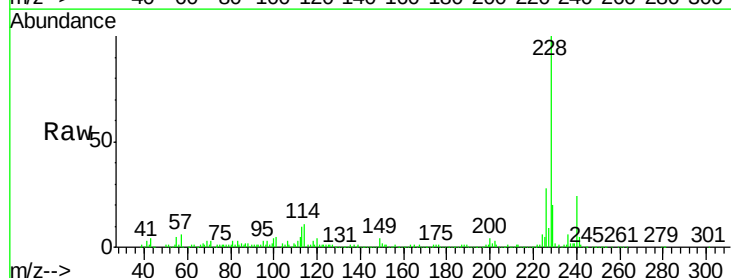
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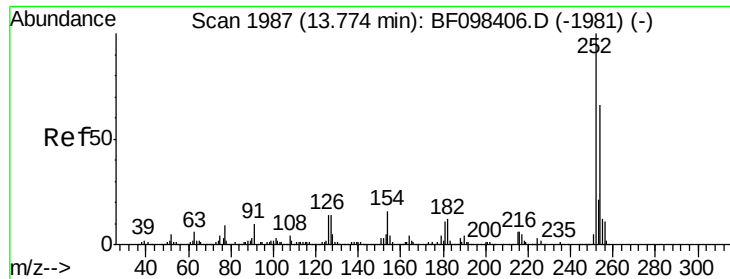
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#80
Benzo(a)anthracene
Concen: 41.447 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

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





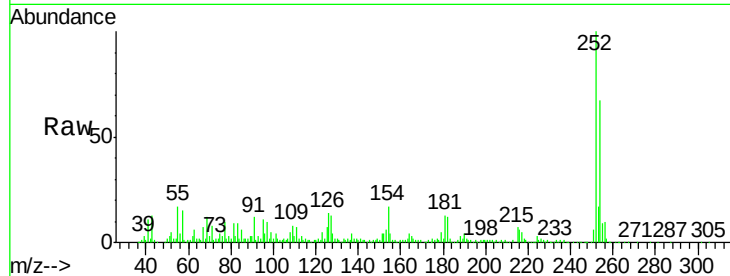
#81
 3,3'-Dichlorobenzidine
 Concen: 24.909 ng
 RT: 13.76 min Scan# 1984
 Delta R.T. -0.02 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMS

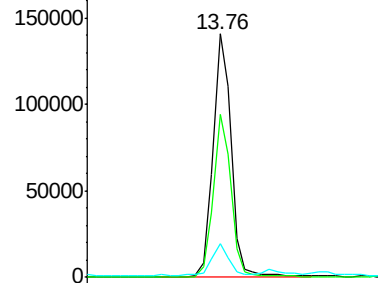
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	67.2	51.5	77.3
126	13.9	15.8	23.8

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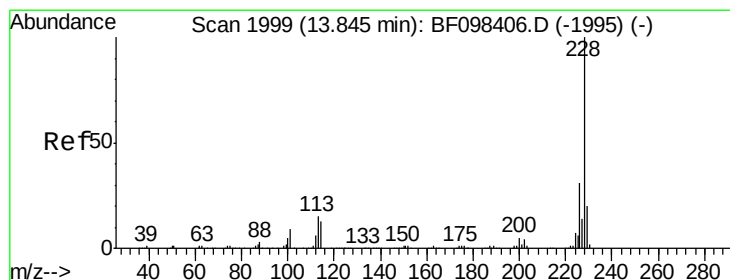
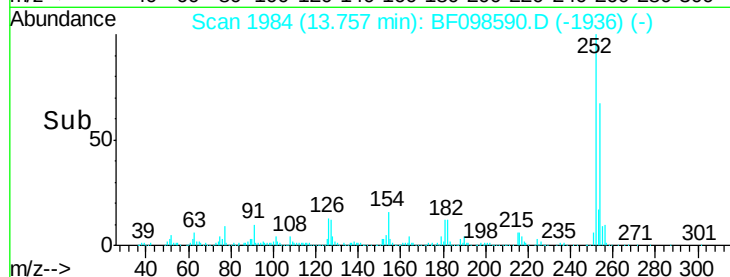
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Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

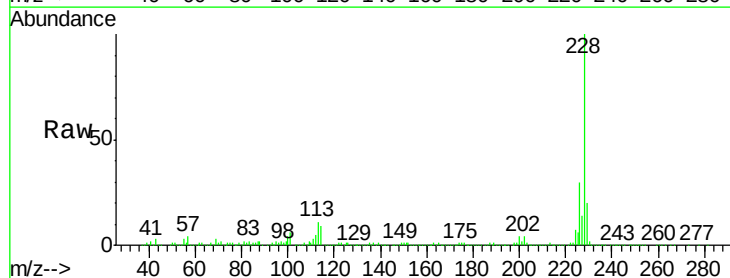


Time-->

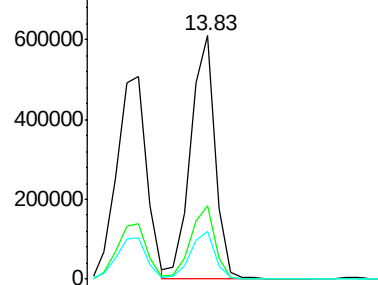


#82
 Chrysene
 Concen: 39.844 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

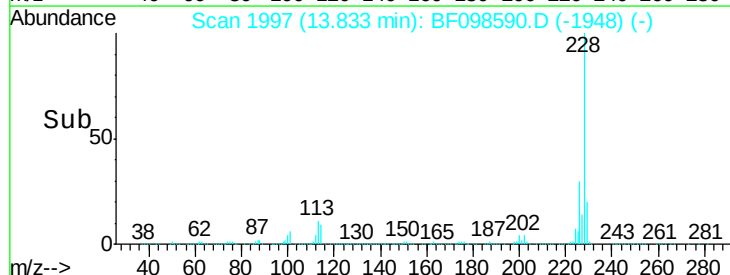
Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.0	24.9	37.3
229	19.8	15.8	23.6

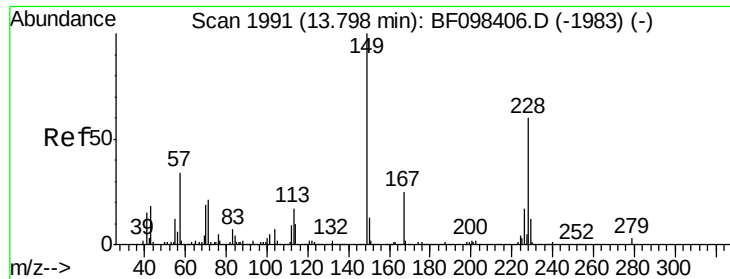


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



Time-->





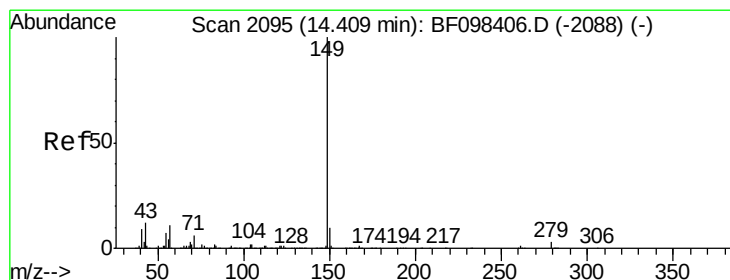
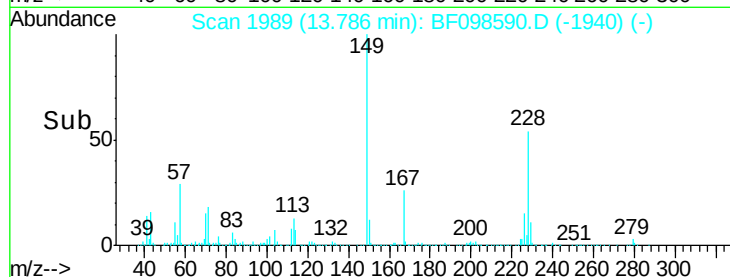
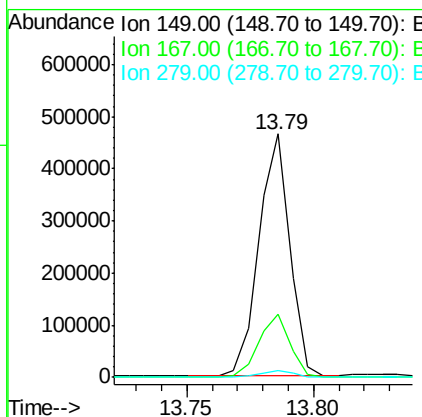
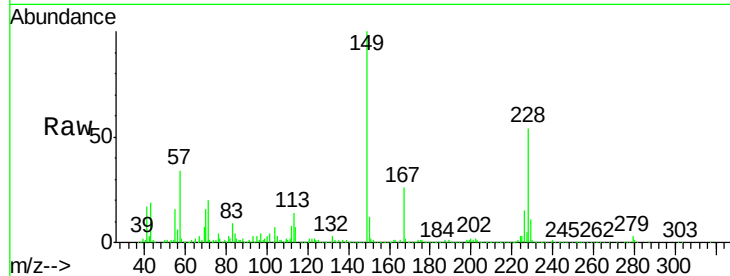
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.323 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	397583		
167	25.7	21.0	31.4	
279	3.0	1.9	2.9#	

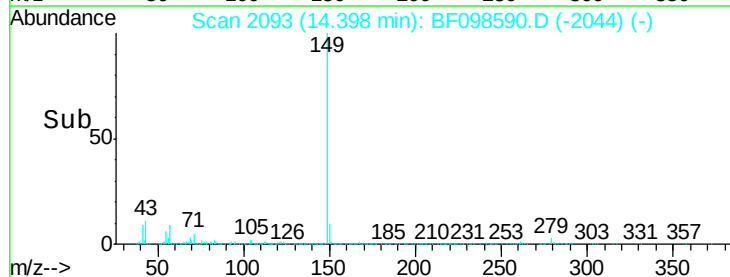
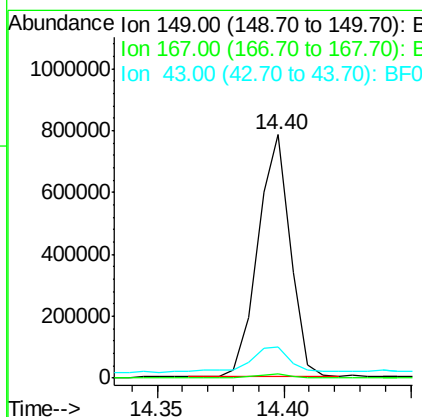
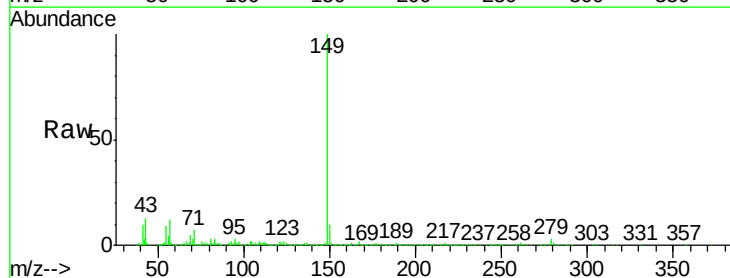
Manual Integrations
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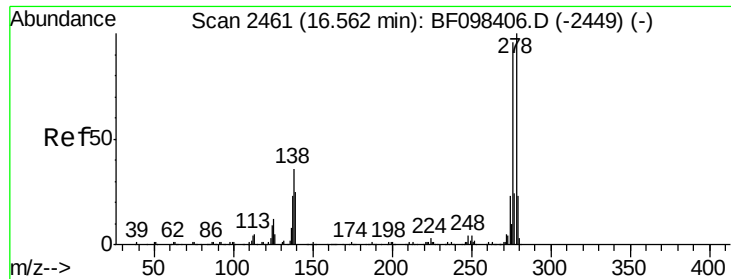
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#84
 Di-n-octyl phthalate
 Concen: 42.486 ng
 RT: 14.40 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	701347		
167	1.6	1.2	1.8	
43	13.4	8.5	12.7#	





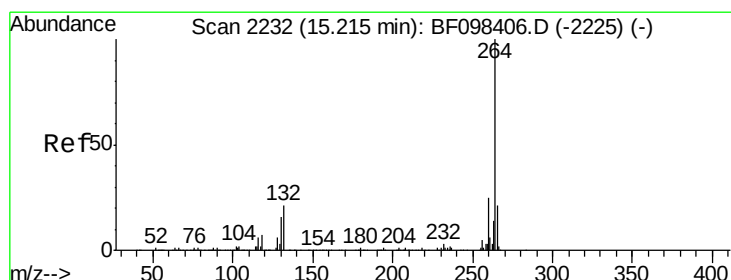
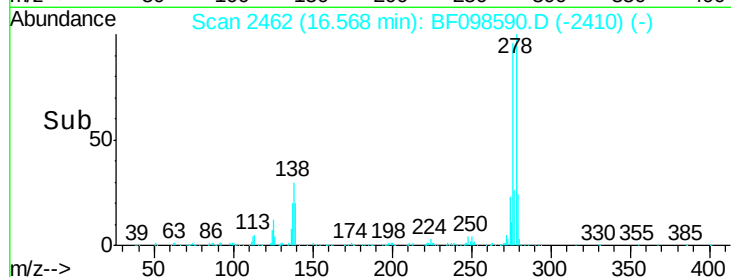
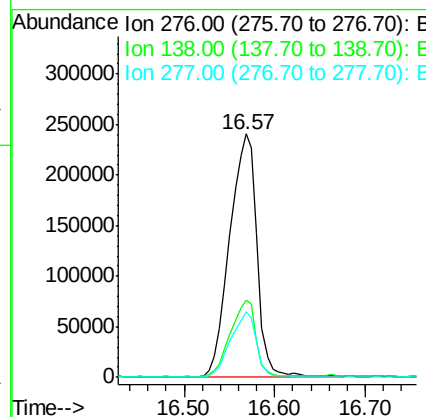
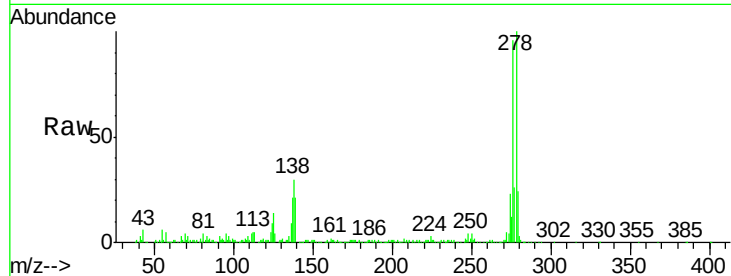
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.444 ng
 RT: 16.57 min Scan# 2462
 Delta R.T. 0.01 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	507091		
138	29.5	27.8	41.6	
277	25.7	20.2	30.4	

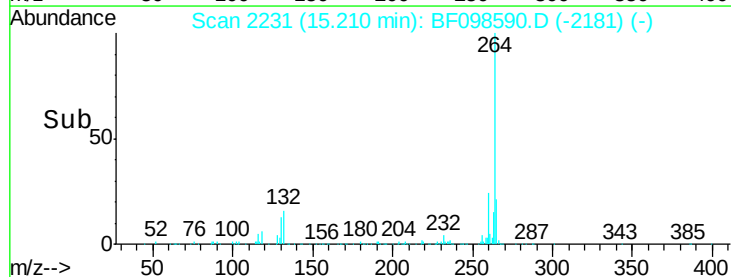
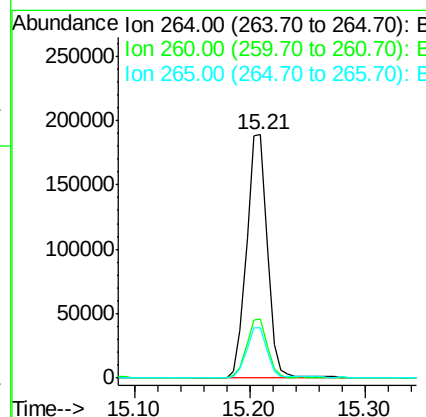
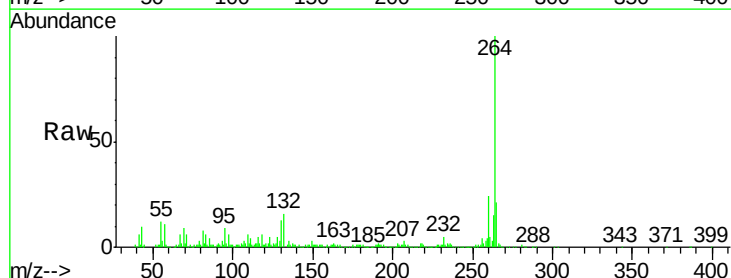
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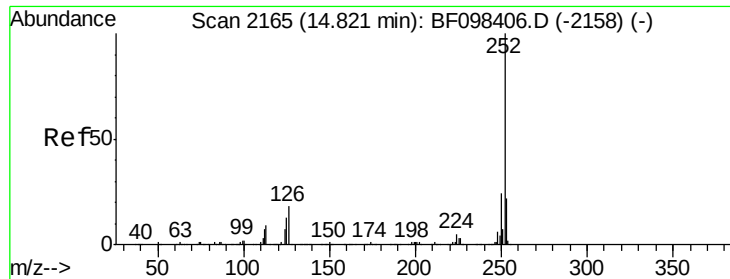
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.21 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BF098590.D
 Acq: 16 Sep 2017 1:15

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	236268		
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

Instrument :

BNA_F

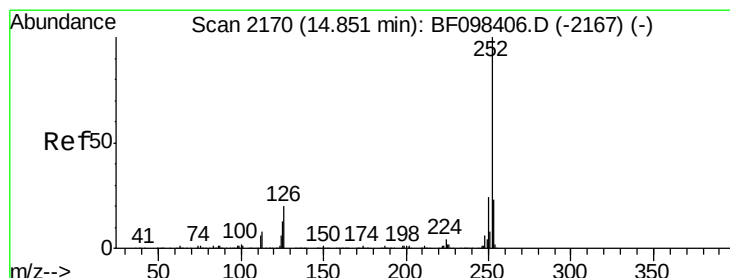
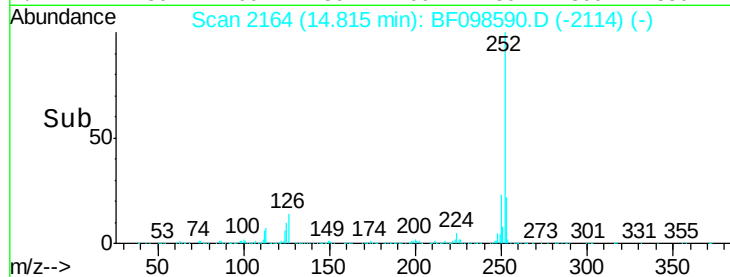
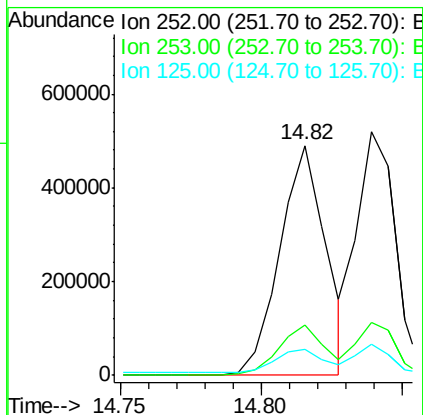
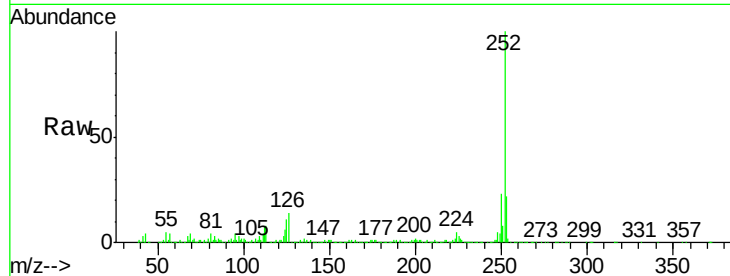
ClientSampleId :

SOIL-STOCKPILE-INSIDEMS

Tgt Ion:	252	Resp:	553261
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.1	27.1
125	11.4	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 35.574 ng

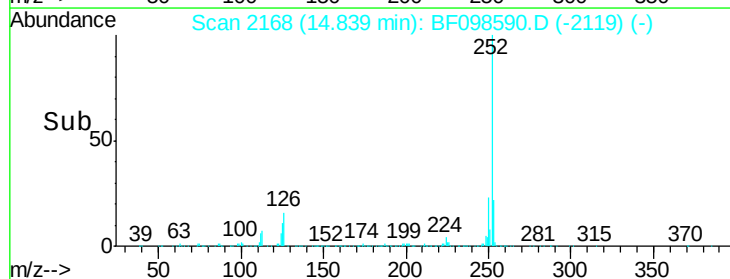
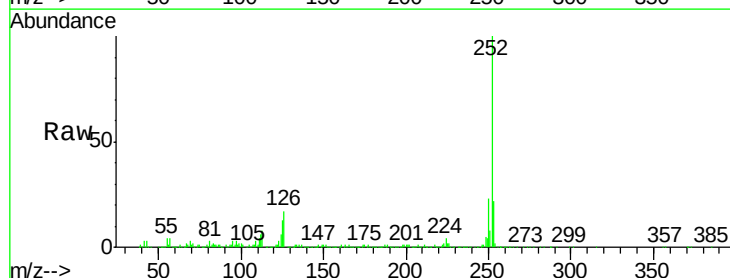
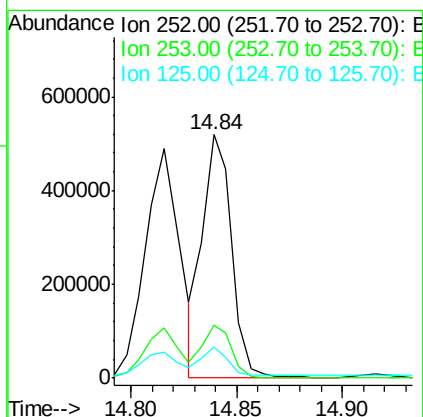
RT: 14.84 min Scan# 2168

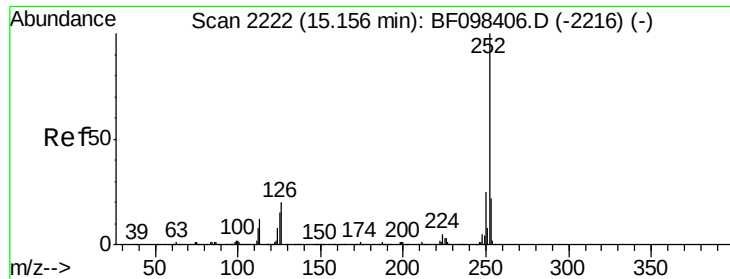
Delta R.T. -0.01 min

Lab File: BF098590.D

Acq: 16 Sep 2017 1:15

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





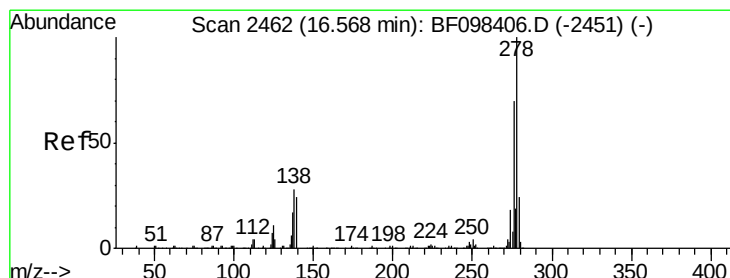
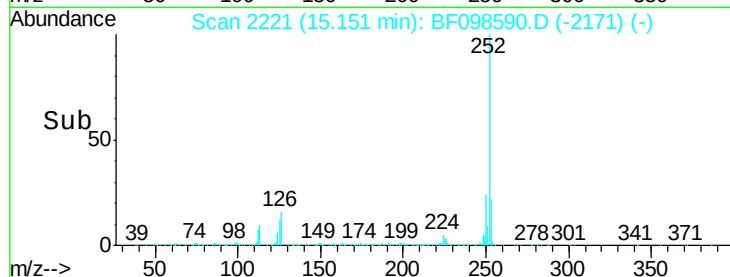
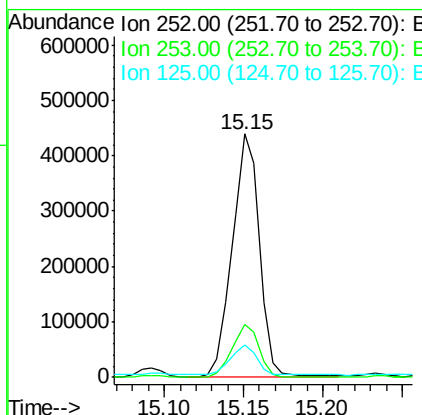
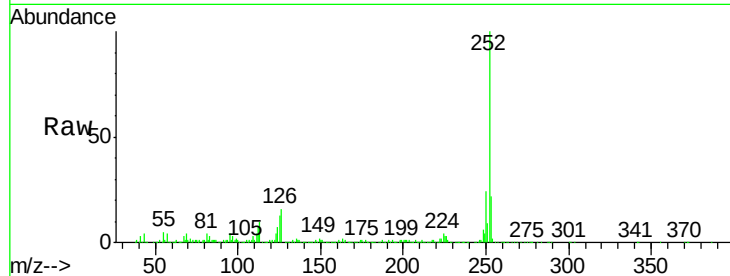
#89
Benzo(a)pyrene
Concen: 39.172 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

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

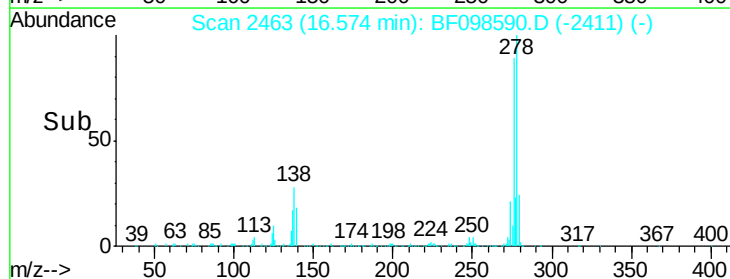
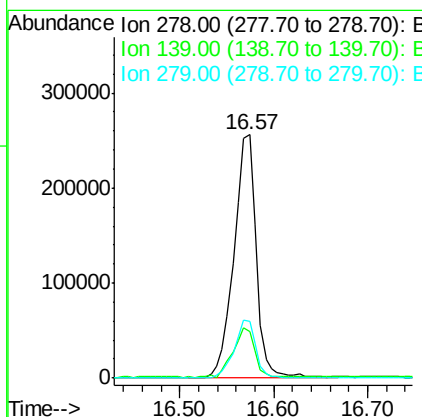
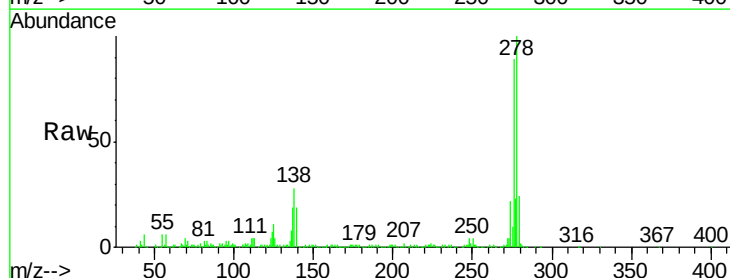
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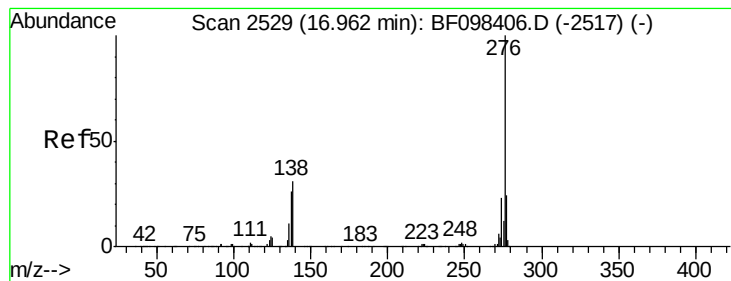
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#90
Dibenzo(a,h)anthracene
Concen: 44.255 ng
RT: 16.57 min Scan# 2463
Delta R.T. 0.01 min
Lab File: BF098590.D
Acq: 16 Sep 2017 1:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	18.9	16.6	24.8
279	23.5	19.3	28.9





#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

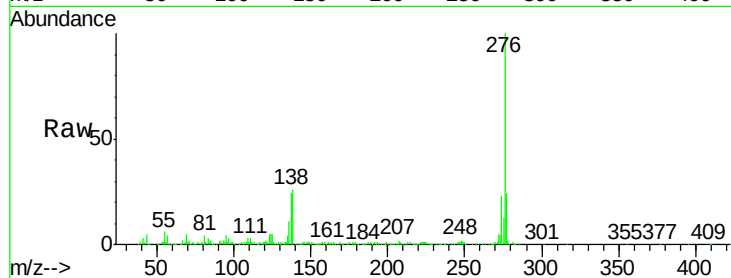
Acq: 16 Sep 2017 1:15

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-INSIDEMS



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

Manual Integrations
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