

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
 Data File : BF098591.D
 Acq On : 16 Sep 2017 1:43
 Operator : SJ/JU
 Sample : I5205-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMSD

Manual Integrations
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Sohil
 9/18/2017 3:35:10 PM

Quant Time: Sep 18 10:48:50 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	130440	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	536422	20.00	ng	-0.02
38) Acenaphthene-d10	9.69	164	214391	20.00	ng	-0.02
63) Phenanthrene-d10	11.17	188	351941	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	246838	20.00	ng	-0.01
86) Perylene-d12	15.20	264	250137	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	910400	103.19	ng	-0.01
7) Phenol-d6	6.31	99	1236709	110.41	ng	-0.01
23) Nitrobenzene-d5	7.22	82	765712	79.58	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	185416	129.58	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	984288	77.82	ng	-0.02
78) Terphenyl-d14	12.75	244	647632	56.63	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	122114	26.818	ng	# 86
3) Pyridine	3.01	79	148044	12.243	ng	# 74
4) n-Nitrosodimethylamine	2.95	42	163551	27.587	ng	# 89
6) Aniline	6.31	93	285615	20.325	ng	# 47
8) 2-Chlorophenol	6.44	128	368917	38.028	ng	# 98
9) Benzaldehyde	6.19	77	198463	27.104	ng	# 93
10) Phenol	6.32	94	504464	38.773	ng	# 93
11) bis(2-Chloroethyl)ether	6.39	93	364453	37.153	ng	# 99
12) 1,3-Dichlorobenzene	6.59	146	364877	37.368	ng	# 98
13) 1,4-Dichlorobenzene	6.66	146	394994	39.492	ng	# 95
14) 1,2-Dichlorobenzene	6.82	146	345078	37.870	ng	# 97
15) Benzyl Alcohol	6.80	79	305658	41.001	ng	# 95
16) 2,2'-oxybis(1-Chloropropan	6.93	45	507732	31.458	ng	# 15
17) 2-Methylphenol	6.93	107	299209	37.824	ng	# 86
18) Hexachloroethane	7.15	117	123108	32.140	ng	# 87
19) n-Nitroso-di-n-propylamine	7.07	70	276775	39.282	ng	# 98
20) 3+4-Methylphenols	7.08	107	410794	41.150	ng	# 63
22) Acetophenone	7.06	105	525827	37.927	ng	# 90
24) Nitrobenzene	7.24	77	394644	36.007	ng	# 96
25) Isophorone	7.47	82	689498	35.417	ng	# 99
26) 2-Nitrophenol	7.55	139	188214	42.532	ng	# 80
27) 2,4-Dimethylphenol	7.60	122	319565	37.882	ng	# 96
28) bis(2-Chloroethoxy)methane	7.69	93	436397	36.737	ng	# 99
29) 2,4-Dichlorophenol	7.80	162	298803	42.589	ng	# 96
30) 1,2,4-Trichlorobenzene	7.87	180	310708	40.712	ng	# 100
31) Naphthalene	7.95	128	1041290	39.267	ng	# 99
32) Benzoic acid	7.75	122	120089	25.667	ng	# 94
33) 4-Chloroaniline	8.02	127	313951	29.131	ng	# 99
34) Hexachlorobutadiene	8.07	225	162967	41.595	ng	# 99
35) Caprolactam	8.48	113	79772m	32.973	ng	# 99
36) 4-Chloro-3-methylphenol	8.51	107	330419	37.975	ng	# 86
37) 2-Methylnaphthalene	8.65	142	656959	40.899	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	248127	37.155	ng	# 99
40) Hexachlorocyclopentadiene	8.79	237	18447	18.104	ng	# 90

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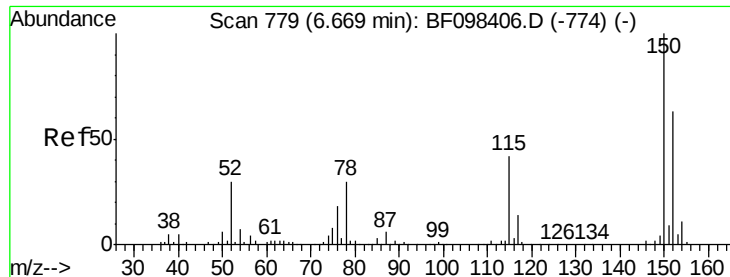
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	168466	42.948	ng	90
43) 2,4,5-Trichlorophenol	8.98	196	172184	41.996	ng	94
45) 1,1'-Biphenyl	9.11	154	708157	36.904	ng	98
46) 2-Chloronaphthalene	9.13	162	534269	38.985	ng	# 92
47) 2-Nitroaniline	9.24	65	204254	38.831	ng	93
48) Acenaphthylene	9.55	152	778318	38.197	ng	99
49) Dimethylphthalate	9.42	163	810352	48.829	ng	100
50) 2,6-Dinitrotoluene	9.49	165	140669	41.265	ng	# 88
51) Acenaphthene	9.72	154	488519	37.716	ng	99
52) 3-Nitroaniline	9.65	138	135636	32.961	ng	97
53) 2,4-Dinitrophenol	9.77	184	21560	20.479	ng	# 84
54) Dibenzofuran	9.89	168	704588	41.291	ng	98
55) 4-Nitrophenol	9.84	139	158581	67.076	ng	# 37
56) 2,4-Dinitrotoluene	9.89	165	173951	41.973	ng	# 58
57) Fluorene	10.23	166	533487	37.772	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.02	232	125542	45.562	ng	98
59) Diethylphthalate	10.12	149	633361	40.129	ng	98
60) 4-Chlorophenyl-phenylether	10.22	204	257685	39.500	ng	95
61) 4-Nitroaniline	10.27	138	122595	29.500	ng	84
62) Azobenzene	10.39	77	571173	33.577	ng	95
64) 4,6-Dinitro-2-methylphenol	10.30	198	24045	14.951	ng	83
65) n-Nitrosodiphenylamine	10.35	169	494344	43.258	ng	99
66) 4-Bromophenyl-phenylether	10.72	248	144155	43.157	ng	94
67) Hexachlorobenzene	10.78	284	134115	39.584	ng	# 81
68) Atrazine	10.89	200	143021	40.653	ng	96
69) Pentachlorophenol	10.99	266	109548	73.645	ng	95
70) Phenanthrene	11.19	178	773704	41.469	ng	98
71) Anthracene	11.25	178	763744	39.871	ng	99
72) Carbazole	11.40	167	700317	39.229	ng	99
73) Di-n-butylphthalate	11.73	149	823932	38.520	ng	100
74) Fluoranthene	12.38	202	712634	38.155	ng	96
76) Benzidine	12.51	184	10835	0.992	ng	# 87
77) Pyrene	12.60	202	768874	39.486	ng	99
79) Butylbenzylphthalate	13.23	149	320551	37.946	ng	# 83
80) Benzo(a)anthracene	13.80	228	592132	40.917	ng	98
81) 3,3'-Dichlorobenzidine	13.76	252	144914	25.767	ng	# 96
82) Chrysene	13.83	228	588049	40.199	ng	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	435621	41.089	ng	# 98
84) Di-n-octyl phthalate	14.40	149	742485	40.819	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.57	276	488420	47.590	ng	94
87) Benzo(b)fluoranthene	14.82	252	616022	39.167	ng	99
88) Benzo(k)fluoranthene	14.84	252	533434	36.330	ng	# 95
89) Benzo(a)pyrene	15.15	252	551477	39.358	ng	100
90) Dibenzo(a,h)anthracene	16.57	278	407158	39.946	ng	96
91) Benzo(g,h,i)perylene	16.97	276	387116	37.760	ng	# 92

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



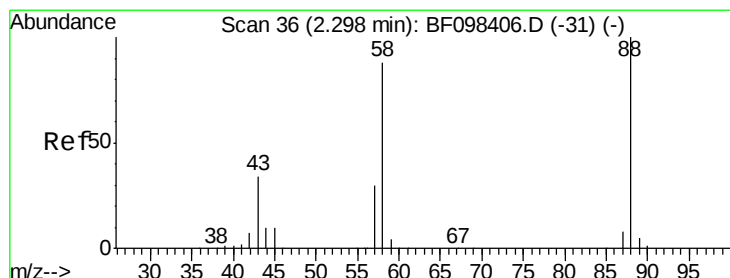
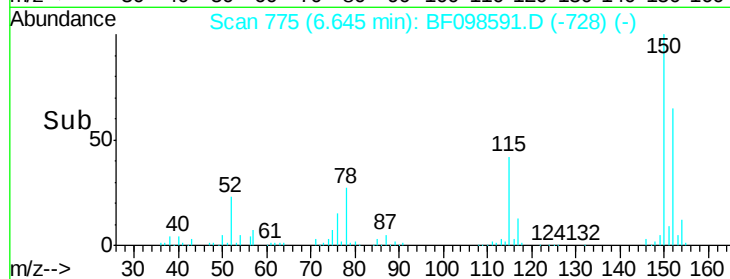
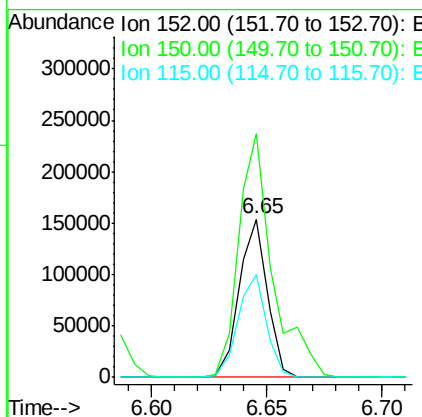
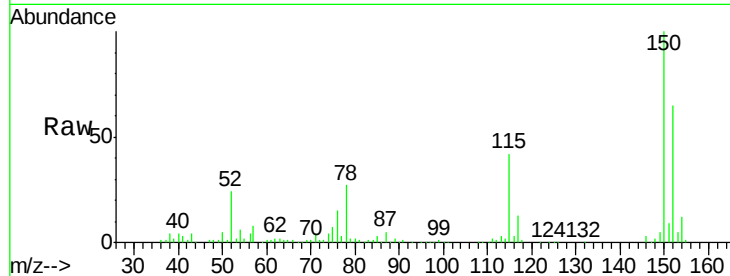
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.02 min
 Lab File: BF098591.D
 Acq: 16 Sep 2017 1:43

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.2	189.2
115	65.1	52.2	78.2

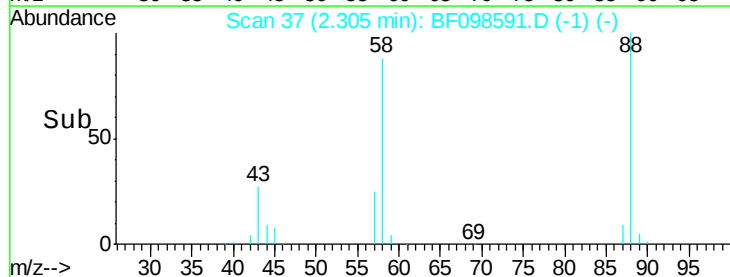
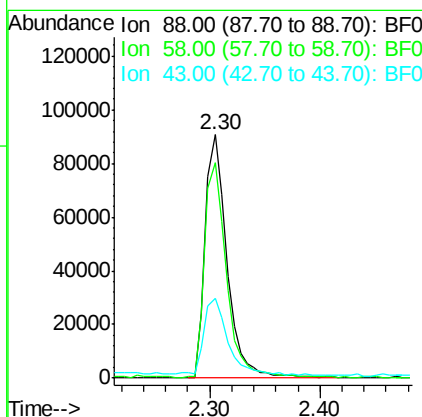
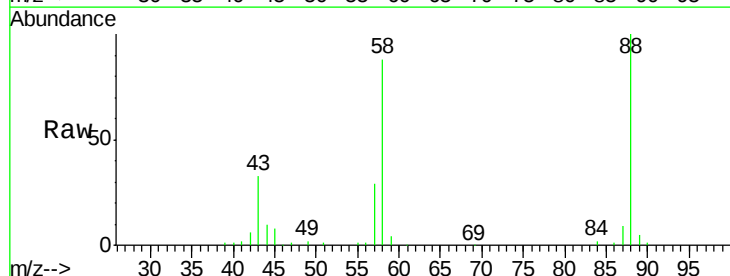
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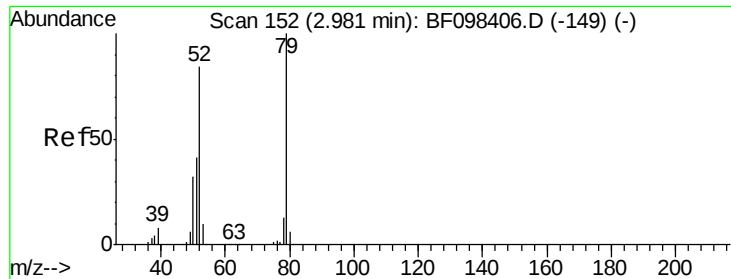
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#2
 1,4-Dioxane
 Concen: 26.818 ng
 RT: 2.30 min Scan# 37
 Delta R.T. 0.01 min
 Lab File: BF098591.D
 Acq: 16 Sep 2017 1:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.7	61.4	92.0
43	35.5	23.4	35.0





#3

Pyridine

Concen: 12.243 ng

RT: 3.01 min Scan# 157

Delta R.T. 0.03 min

Lab File: BF098591.D

Acq: 16 Sep 2017 1:43

Instrument :

BNA_F

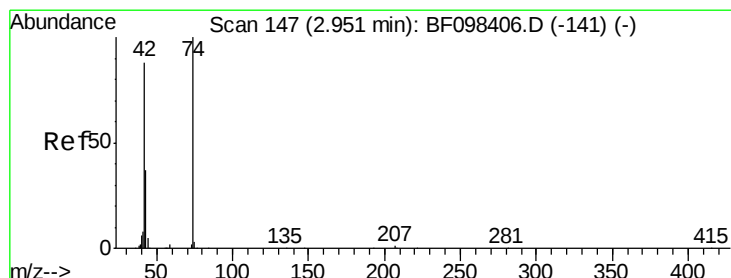
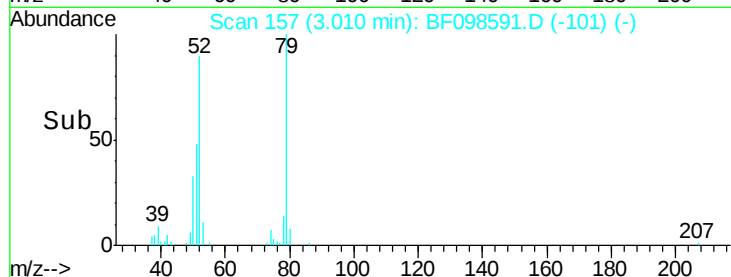
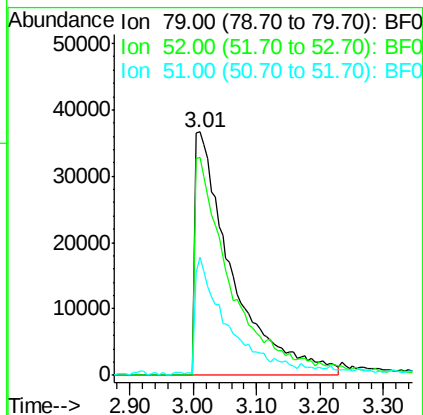
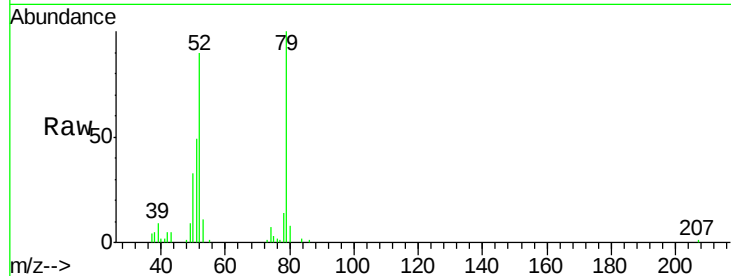
ClientSampleId :

SOIL-STOCKPILE-INSIDEMSD

Tgt Ion:	79	Resp:	148044
Ion Ratio	Lower	Upper	
79	100		
52	89.6	54.8	82.2#
51	48.6	27.0	40.4#

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#4

n-Nitrosodimethylamine

Concen: 27.587 ng

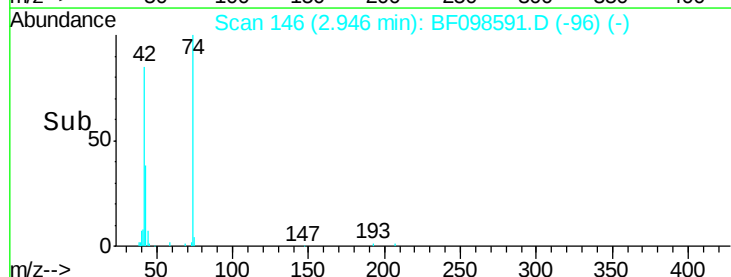
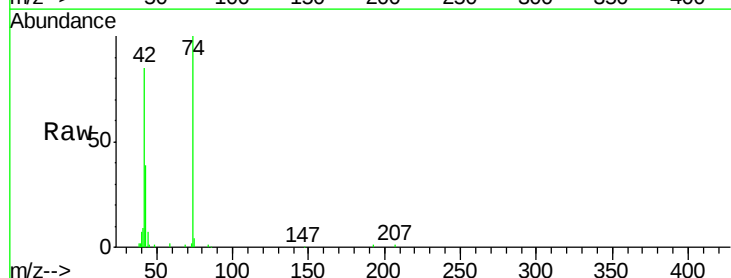
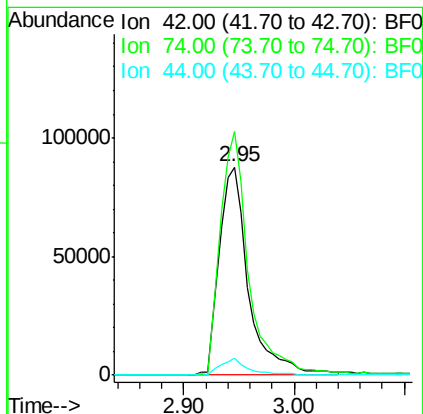
RT: 2.95 min Scan# 146

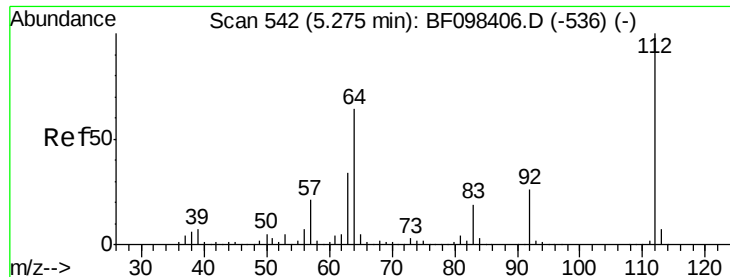
Delta R.T. -0.01 min

Lab File: BF098591.D

Acq: 16 Sep 2017 1:43

Tgt Ion:	42	Resp:	163551
Ion Ratio	Lower	Upper	
42	100		
74	117.0	103.9	155.9
44	8.3	5.7	8.5





#5

2-Fluorophenol

Concen: 103.193 ng

RT: 5.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF098591.D

Acq: 16 Sep 2017 1:43

Instrument :

BNA_F

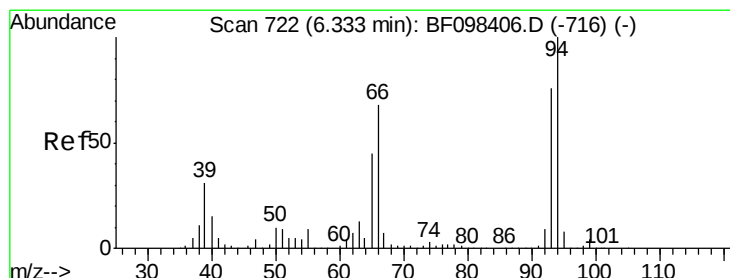
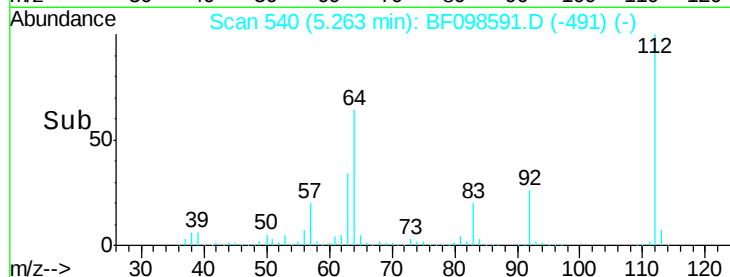
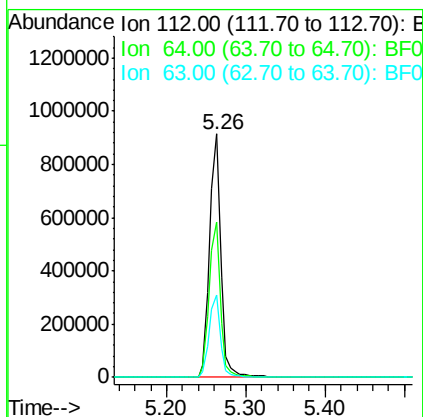
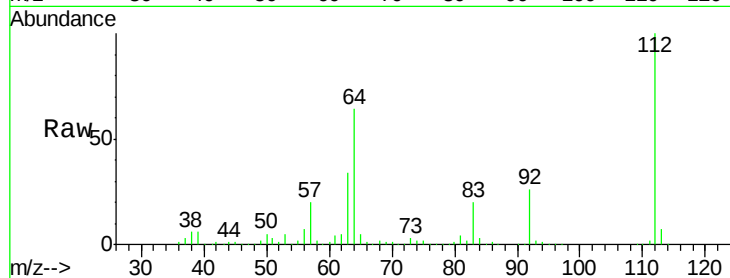
ClientSampleId :

SOIL-STOCKPILE-INSIDEMSD

Tgt Ion:	112	Resp:	910400
Ion Ratio	Lower	Upper	
112	100		
64	63.5	46.0	69.0
63	33.7	23.4	35.0

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#6

Aniline

Concen: 20.325 ng

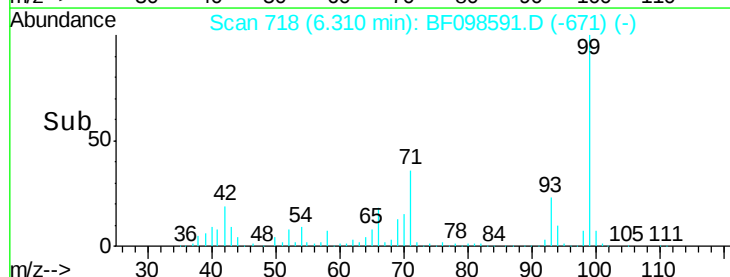
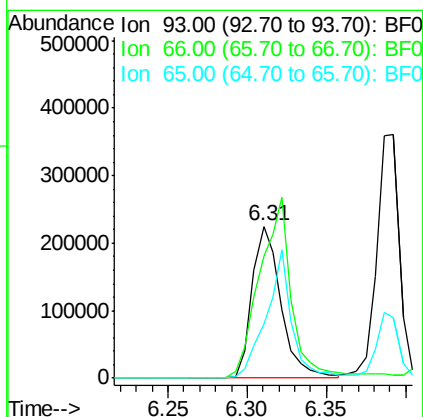
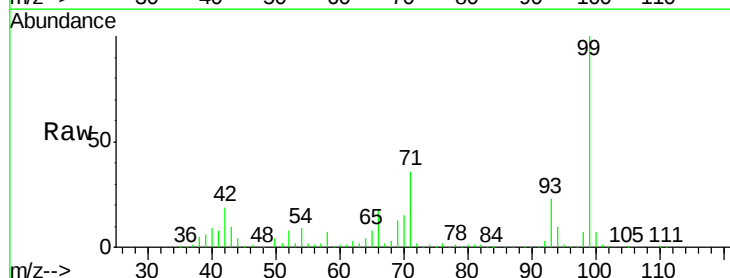
RT: 6.31 min Scan# 718

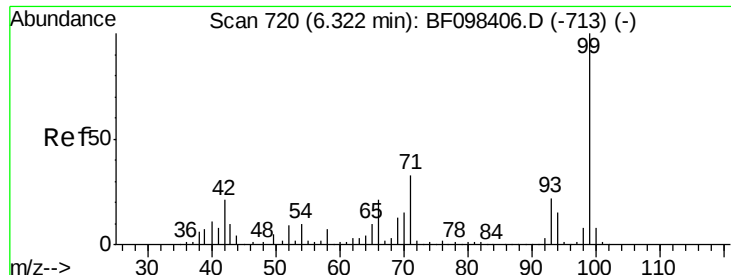
Delta R.T. -0.02 min

Lab File: BF098591.D

Acq: 16 Sep 2017 1:43

Tgt Ion:	93	Resp:	285615
Ion Ratio	Lower	Upper	
93	100		
66	80.2	32.9	49.3#
65	35.7	16.0	24.0#





#7

Phenol-d6

Concen: 110.407 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF098591.D

Acq: 16 Sep 2017 1:43

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-INSIDEMSD

Tgt Ion: 99 Resp: 1236709

Ion Ratio Lower Upper

99 100

42 19.2 13.5 20.3

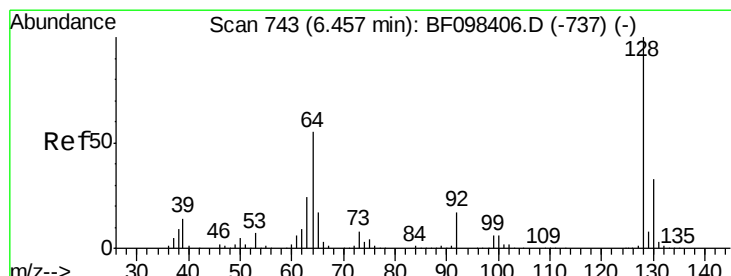
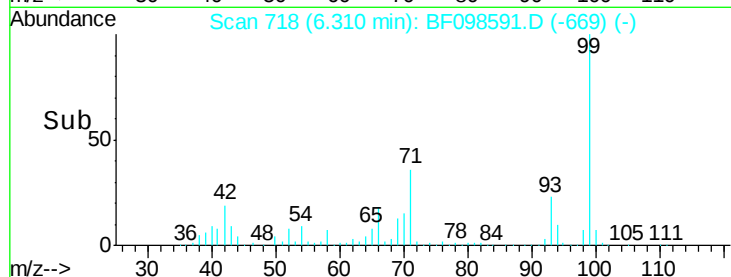
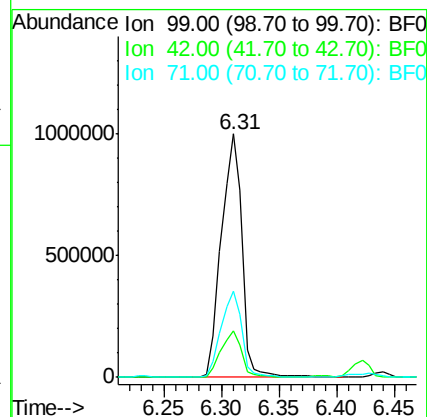
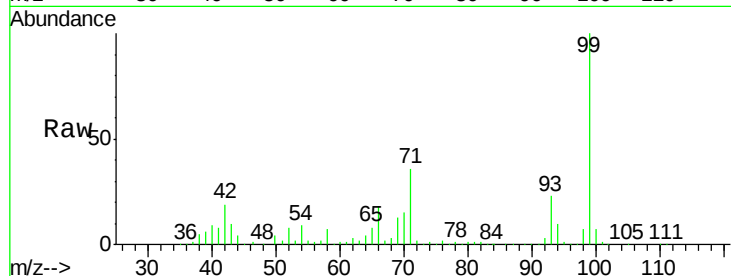
71 35.5 24.5 36.7

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#8

2-Chlorophenol

Concen: 38.028 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF098591.D

Acq: 16 Sep 2017 1:43

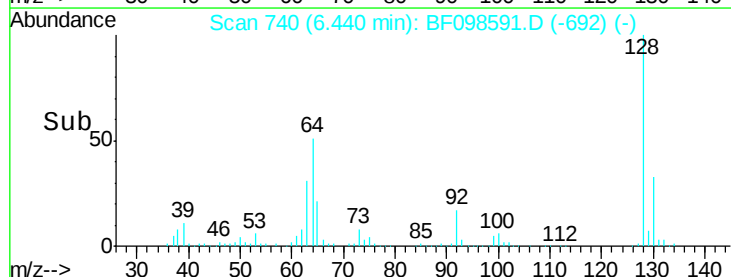
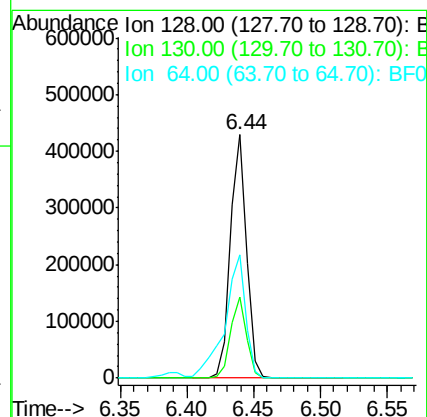
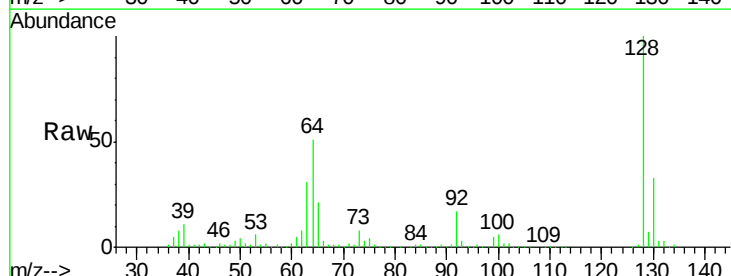
Tgt Ion: 128 Resp: 368917

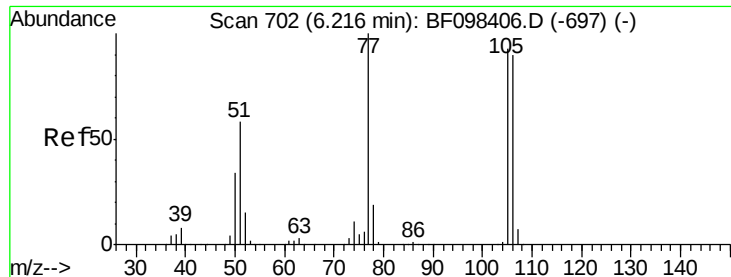
Ion Ratio Lower Upper

128 100

130 33.4 12.9 52.9

64 50.6 28.4 68.4





#9

Benzaldehyde

Concen: 27.104 ng

RT: 6.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF098591.D

Acq: 16 Sep 2017 1:43

Instrument :

BNA_F

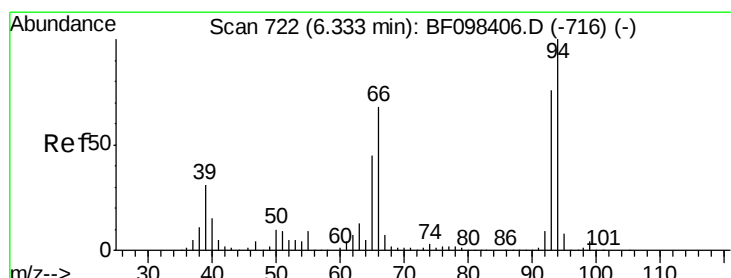
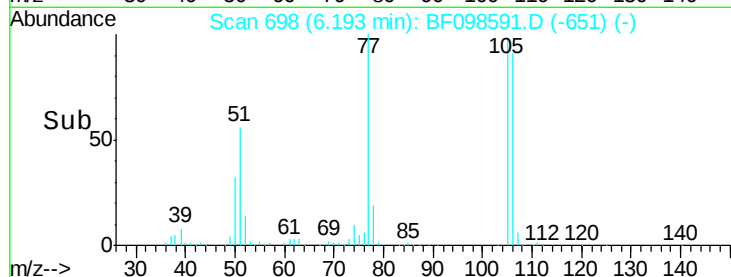
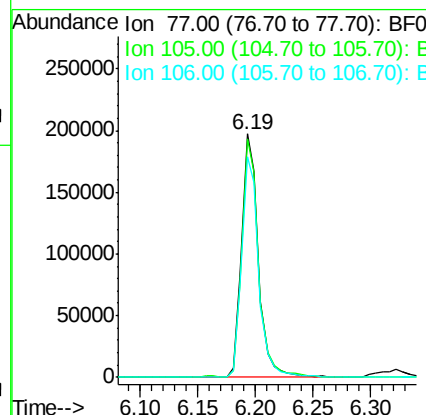
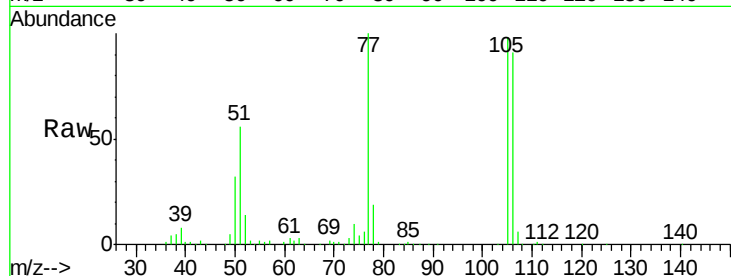
ClientSampleId :

SOIL-STOCKPILE-INSIDEMSD

Tgt Ion:	77	Resp:	198463
Ion Ratio	Lower	Upper	
77	100		
105	98.1	83.8	123.8
106	90.8	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 38.773 ng

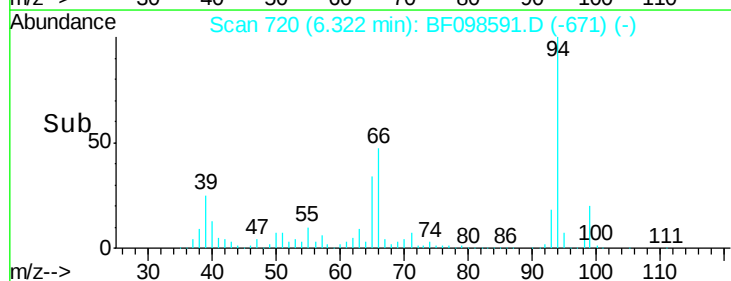
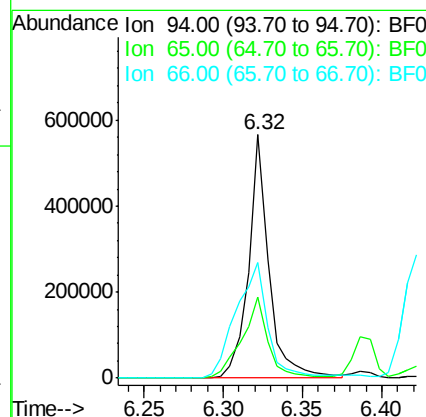
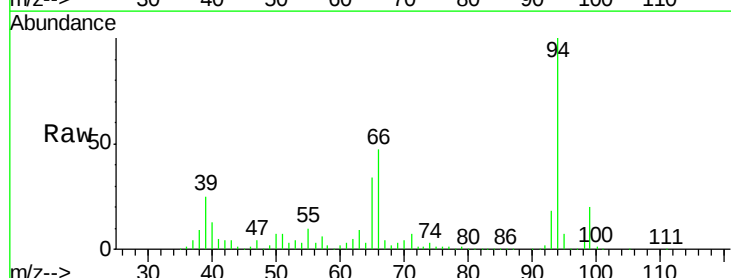
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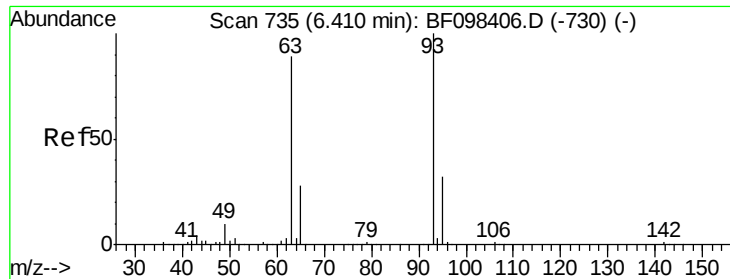
Delta R.T. -0.01 min

Lab File: BF098591.D

Acq: 16 Sep 2017 1:43

Tgt Ion:	94	Resp:	504464
Ion Ratio	Lower	Upper	
94	100		
65	33.5	9.9	49.9
66	47.3	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 37.153 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF098591.D

Acq: 16 Sep 2017 1:43

Instrument :

BNA_F

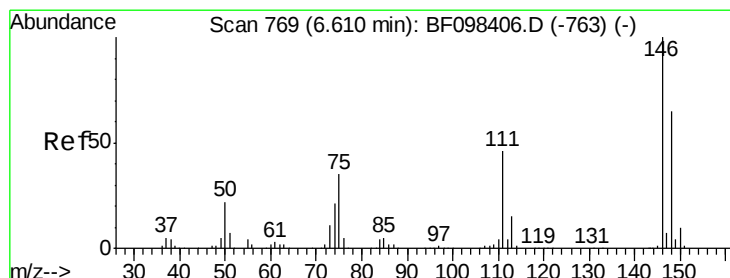
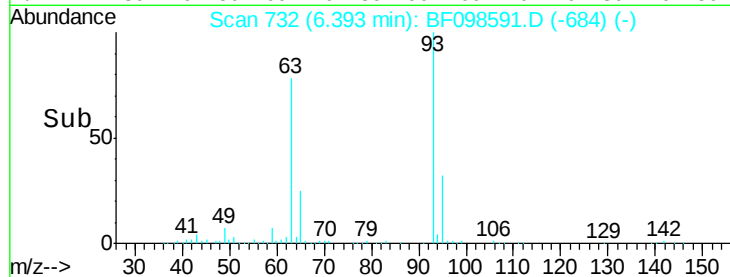
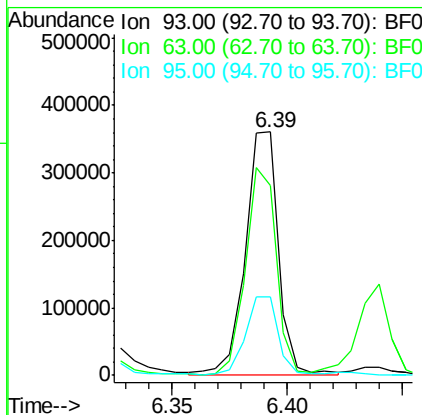
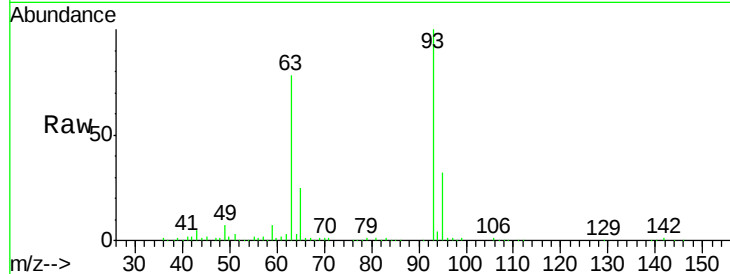
ClientSampleId :

SOIL-STOCKPILE-INSIDEMSD

Tgt Ion:	93	Resp:	364453
Ion Ratio	Lower	Upper	
93	100		
63	78.1	59.2	99.2
95	32.3	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 37.368 ng

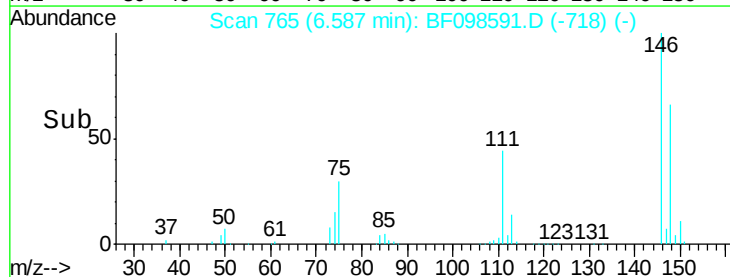
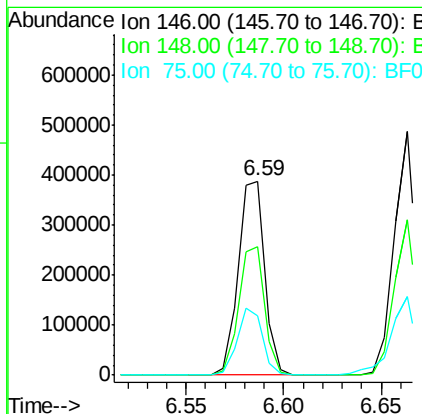
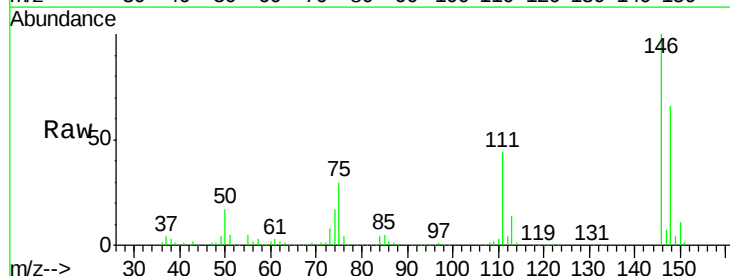
RT: 6.59 min Scan# 765

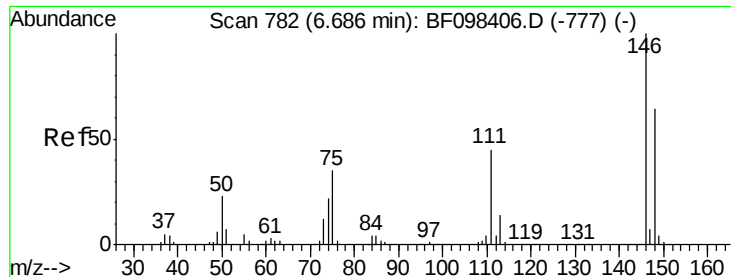
Delta R.T. -0.02 min

Lab File: BF098591.D

Acq: 16 Sep 2017 1:43

Tgt Ion:	146	Resp:	364877
Ion Ratio	Lower	Upper	
146	100		
148	66.0	51.8	77.6
75	30.4	23.1	34.7





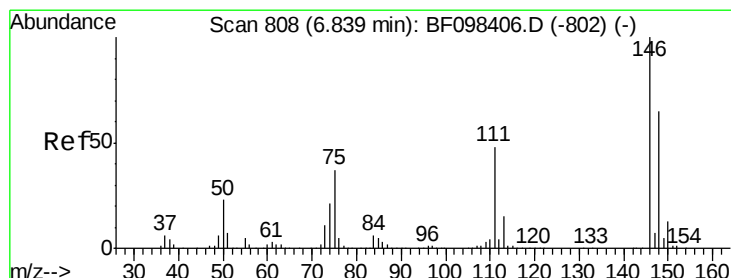
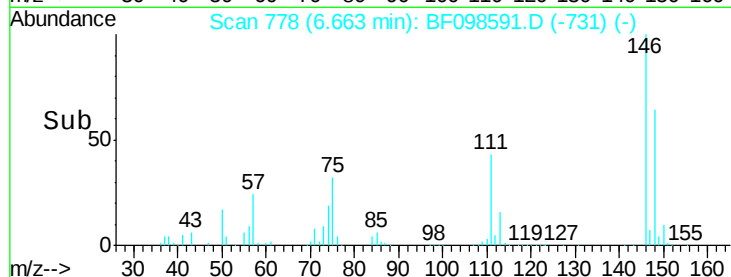
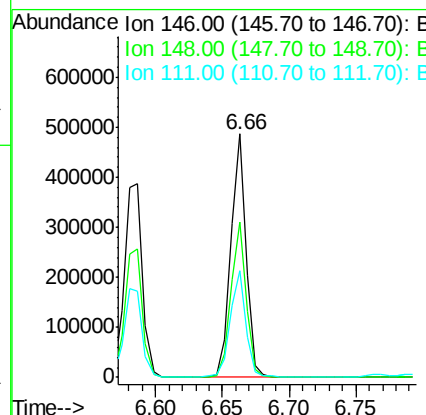
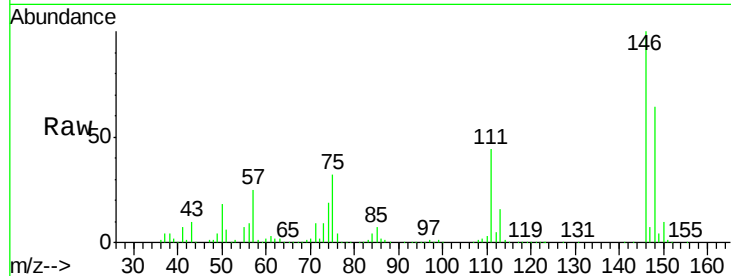
#13
 1,4-Dichlorobenzene
 Concen: 39.492 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.02 min
 Lab File: BF098591.D
 Acq: 16 Sep 2017 1:43

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.2	78.2
111	43.8	30.3	45.5

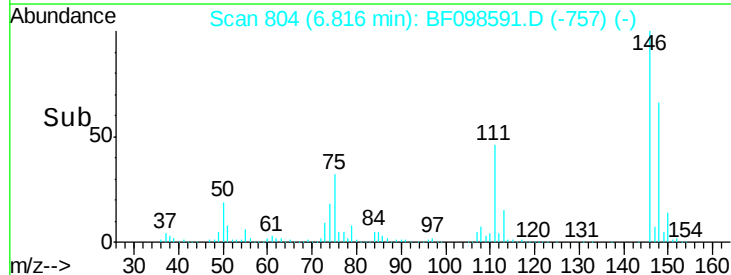
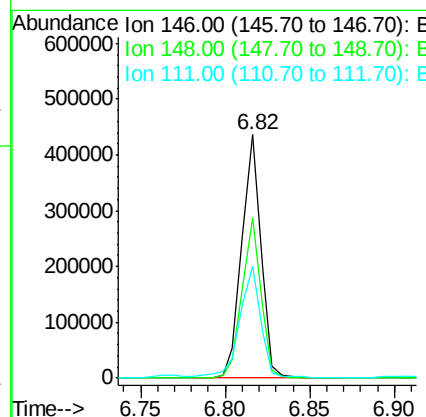
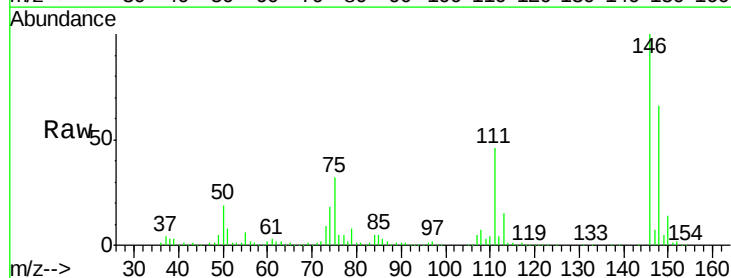
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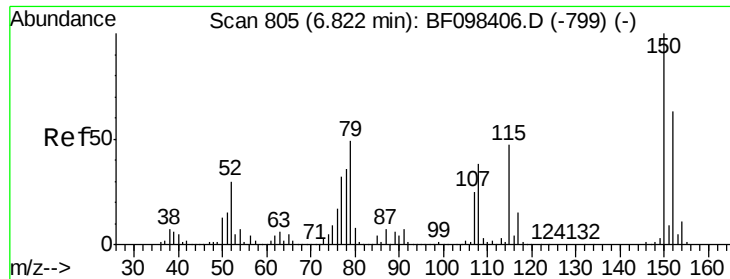
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#14
 1,2-Dichlorobenzene
 Concen: 37.870 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF098591.D
 Acq: 16 Sep 2017 1:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.4	75.6
111	46.2	38.2	57.4





#15

Benzyl Alcohol

Concen: 41.001 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.02 min

Lab File: BF098591.D

Acq: 16 Sep 2017 1:43

Instrument :

BNA_F

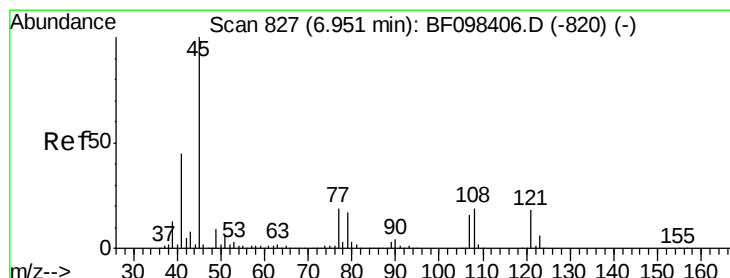
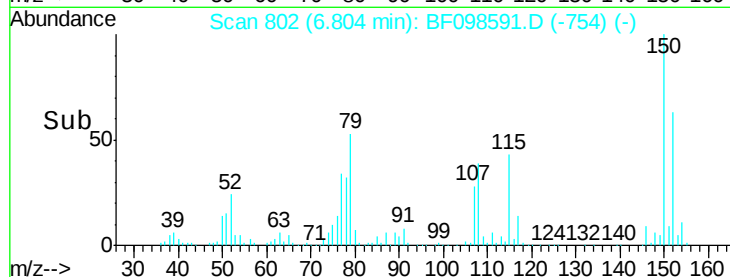
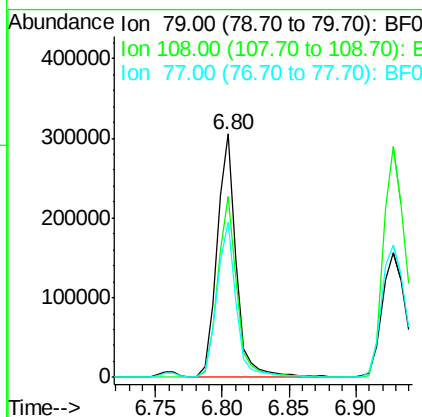
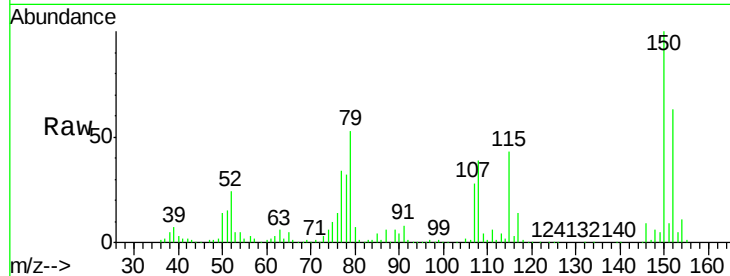
ClientSampleId :

SOIL-STOCKPILE-INSIDEMSD

Tgt Ion:	79	Resp:	305658
Ion Ratio	Lower	Upper	
79	100		
108	74.0	63.4	95.0
77	63.9	49.2	73.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.458 ng

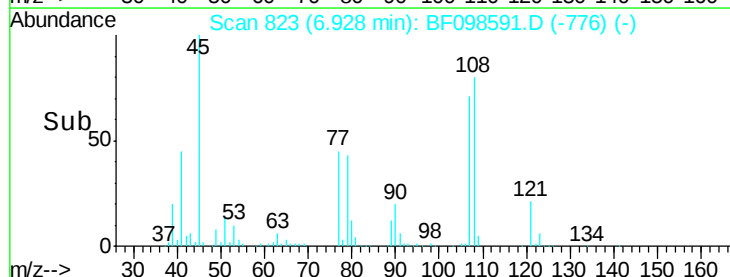
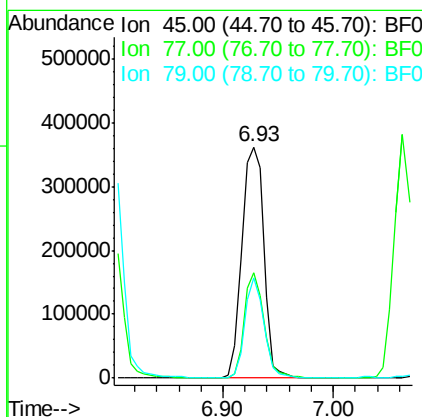
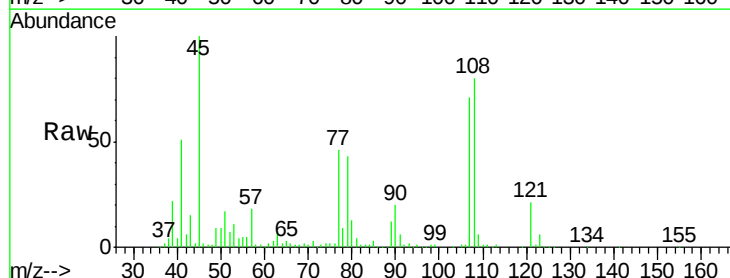
RT: 6.93 min Scan# 823

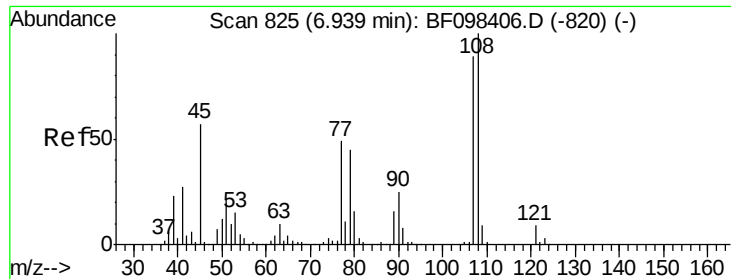
Delta R.T. -0.02 min

Lab File: BF098591.D

Acq: 16 Sep 2017 1:43

Tgt Ion:	45	Resp:	507732
Ion Ratio	Lower	Upper	
45	100		
77	45.9	0.0	33.2#
79	43.3	0.0	30.0#





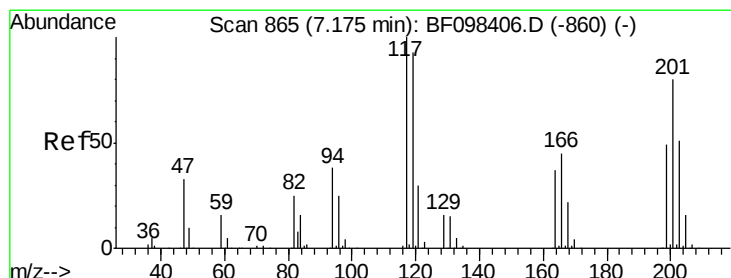
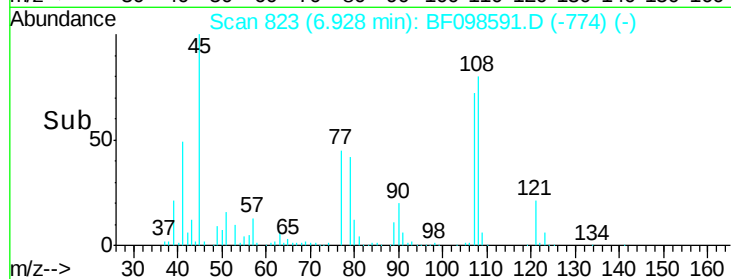
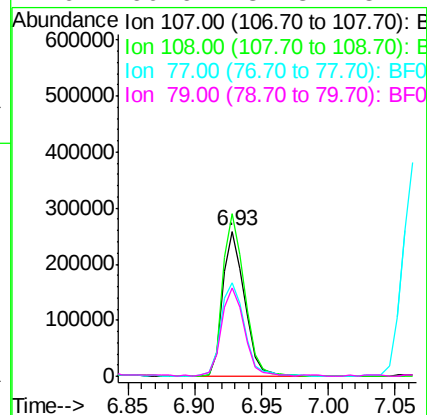
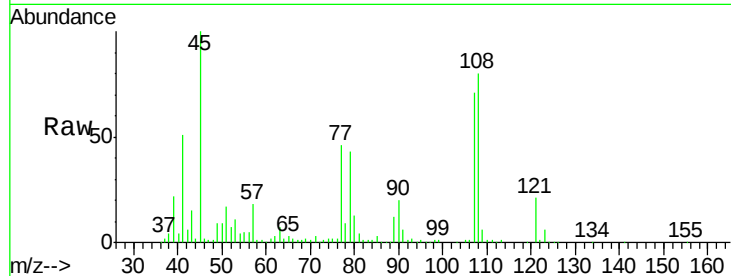
#17
2-Methylphenol
Concen: 37.824 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF098591.D
Acq: 16 Sep 2017 1:43

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	299209		
108	112.4	93.4	140.0	
77	64.3	35.8	53.6	
79	60.6	34.8	52.2	

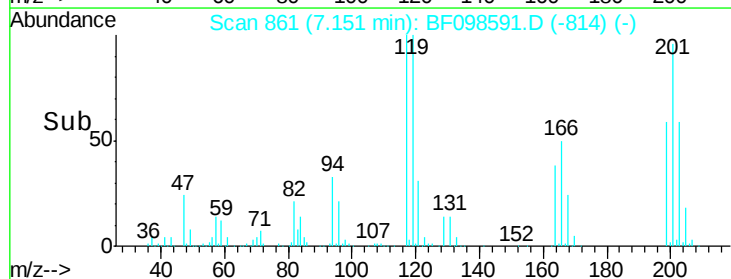
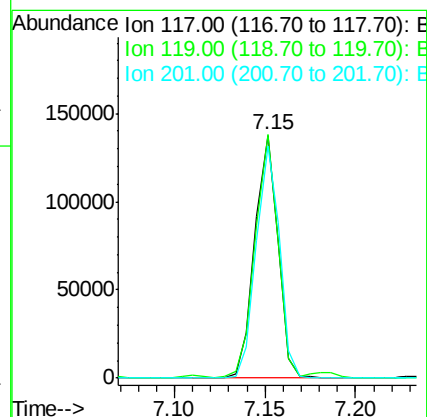
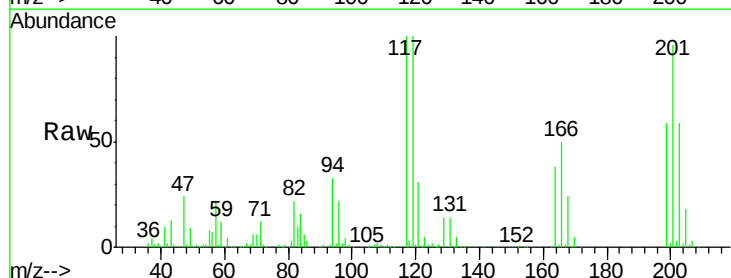
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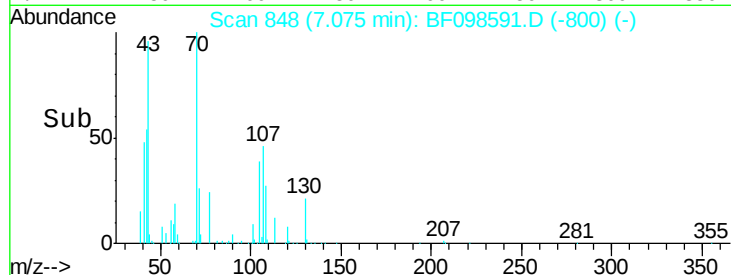
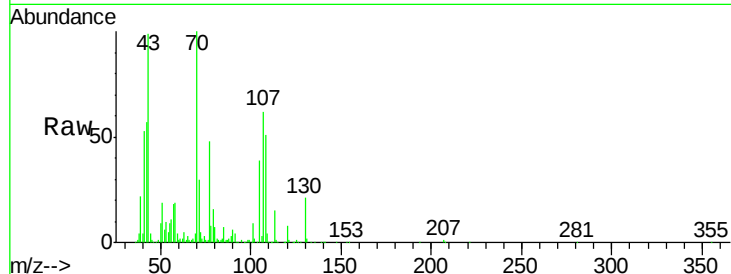
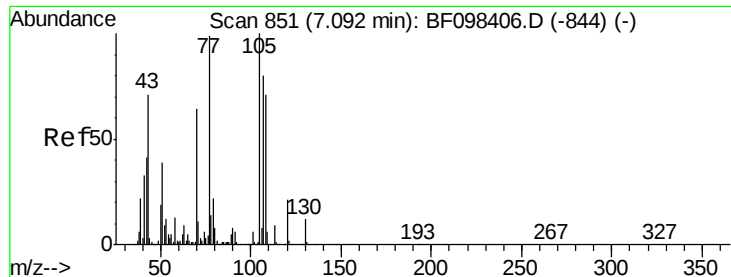
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#18
Hexachloroethane
Concen: 32.140 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF098591.D
Acq: 16 Sep 2017 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	123108		
119	100.2	77.4	116.0	
201	95.8	94.6	141.8	





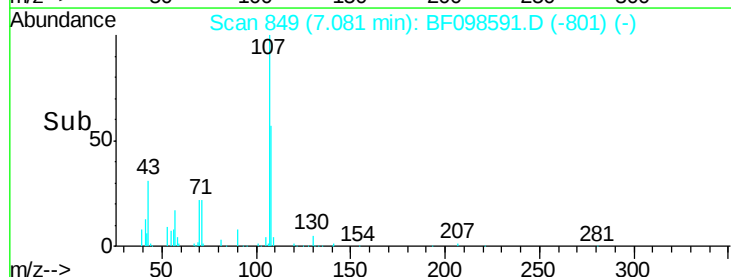
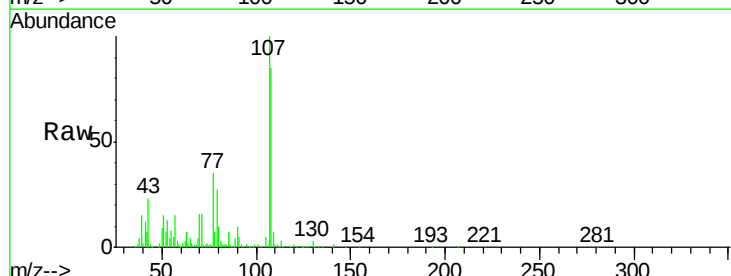
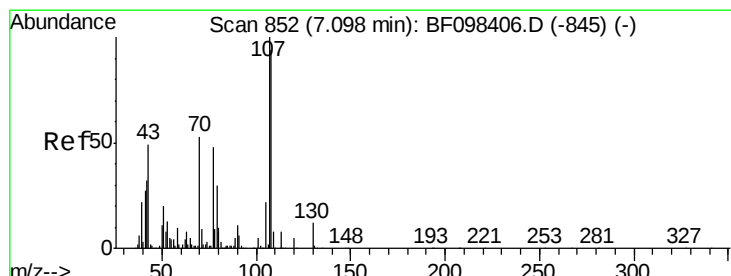
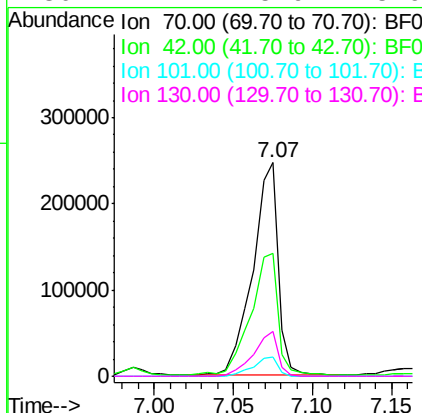
#19
n-Nitroso-di-n-propylamine
Concen: 39.282 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF098591.D
Acq: 16 Sep 2017 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	276775		
42	57.4	47.2	70.8	
101	9.2	7.2	10.8	
130	21.1	15.9	23.9	

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMSD

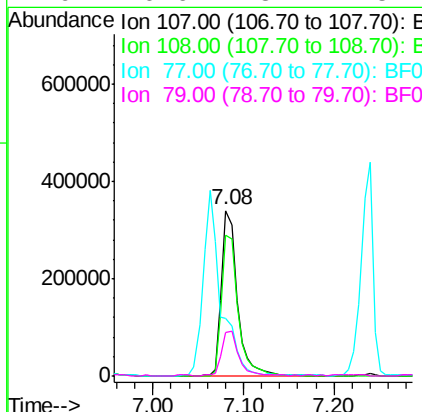
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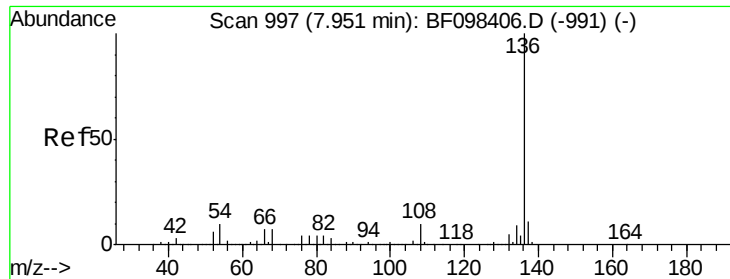
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#20
3+4-Methylphenols
Concen: 41.150 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF098591.D
Acq: 16 Sep 2017 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	410794		
108	84.8	71.0	111.0	
77	34.9	90.5	130.5#	
79	26.6	8.4	48.4	





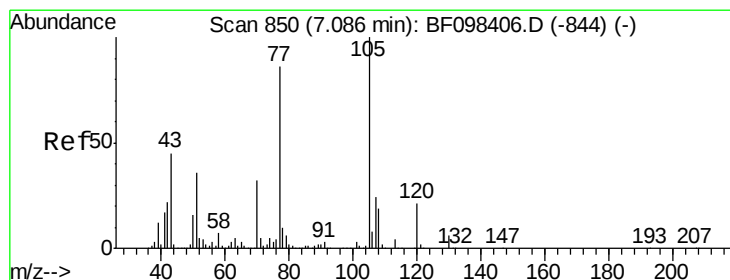
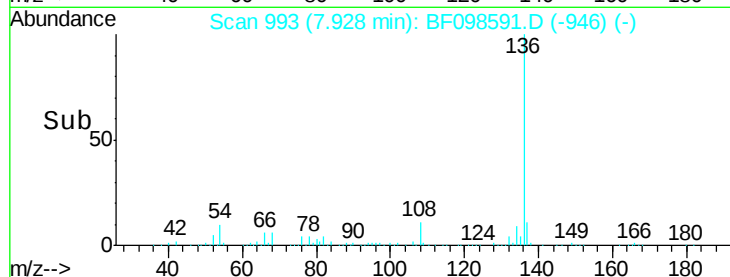
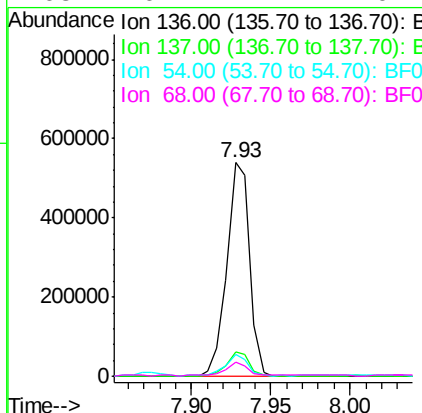
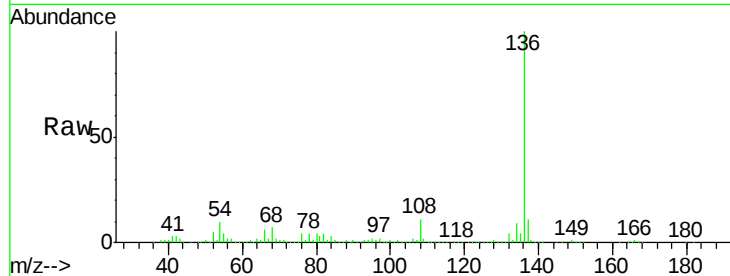
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF098591.D
Acq: 16 Sep 2017 1:43

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	536422		
137	11.4	8.5	12.7	
54	10.1	4.9	7.3#	
68	6.7	4.1	6.1#	

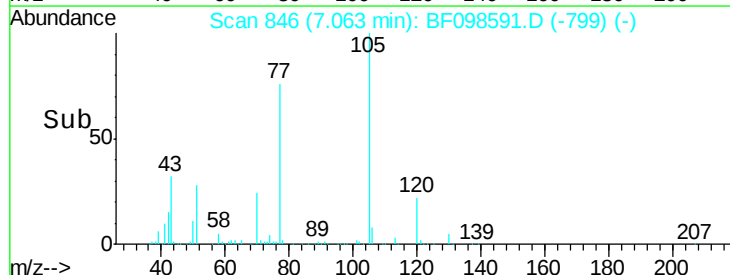
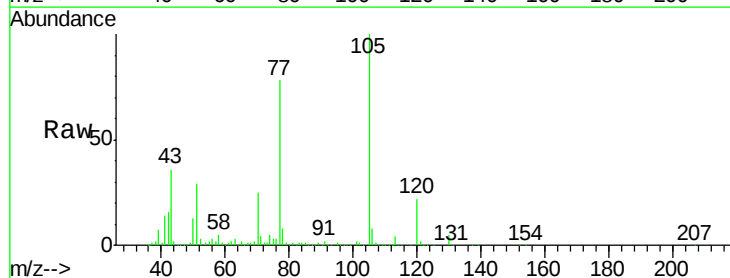
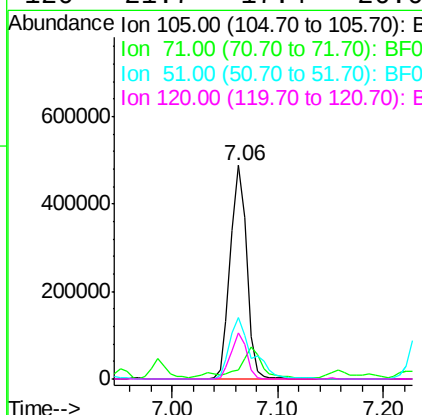
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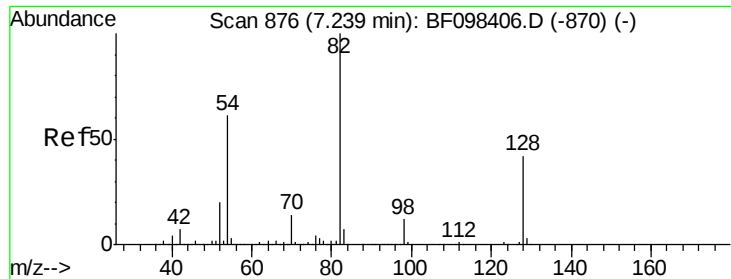
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#22
Acetophenone
Concen: 37.927 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BF098591.D
Acq: 16 Sep 2017 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	525827		
71	4.5	2.8	4.2#	
51	28.8	30.7	46.1#	
120	21.7	17.4	26.0	





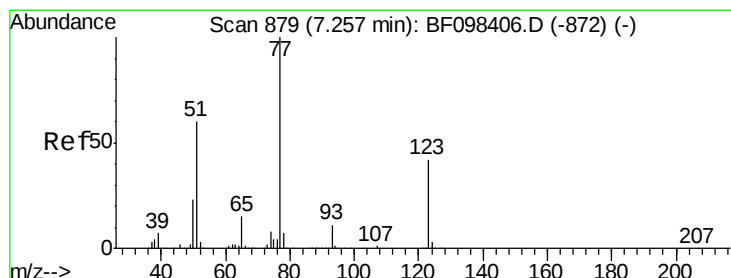
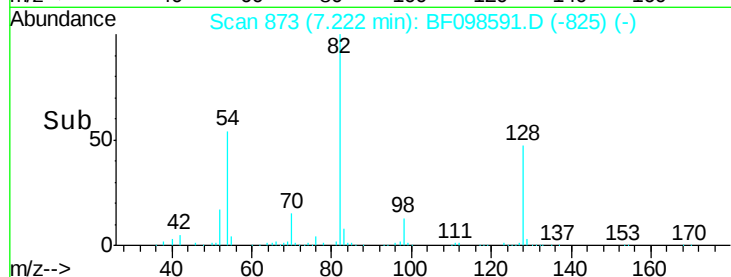
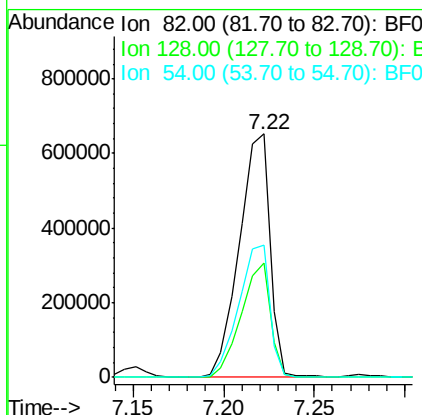
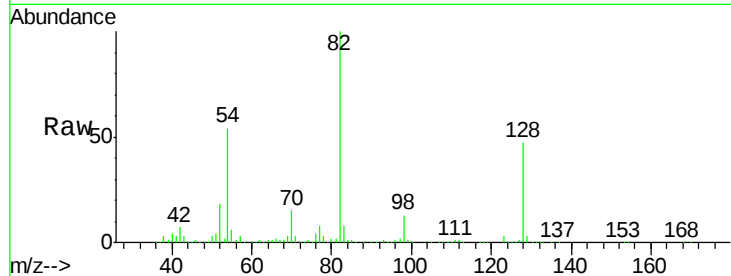
#23
 Nitrobenzene-d5
 Concen: 79.579 ng
 RT: 7.22 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BF098591.D
 Acq: 16 Sep 2017 1:43

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	765712		
128	46.9	34.0	51.0	
54	54.5	42.2	63.2	

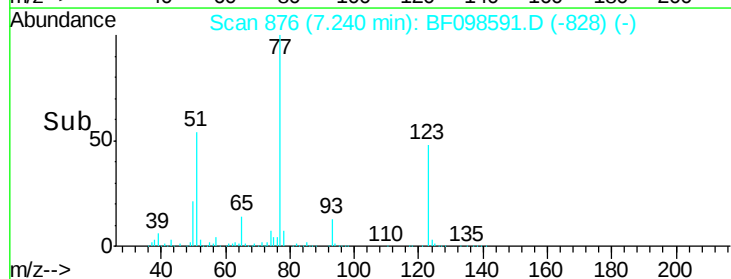
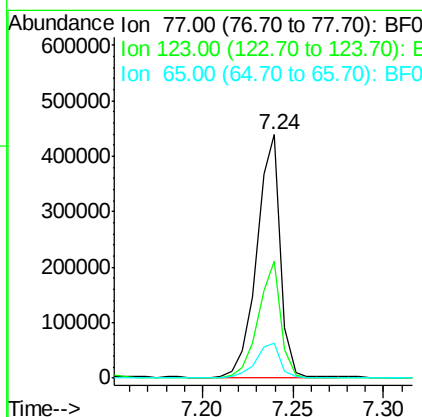
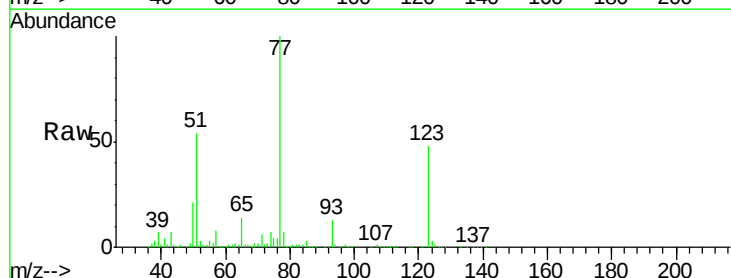
Manual Integrations
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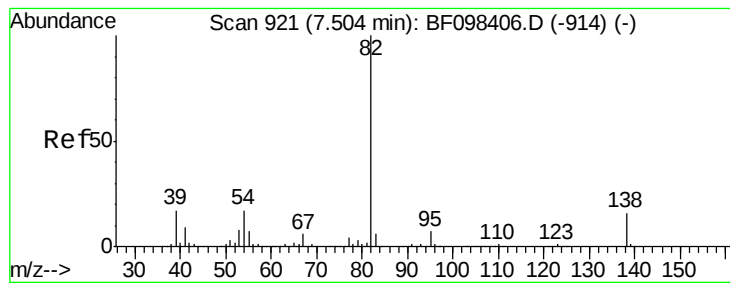
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#24
 Nitrobenzene
 Concen: 36.007 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BF098591.D
 Acq: 16 Sep 2017 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	394644		
123	47.8	35.8	53.8	
65	14.5	10.6	15.8	





#25

Isophorone

Concen: 35.417 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF098591.D

Acq: 16 Sep 2017 1:43

Instrument :

BNA_F

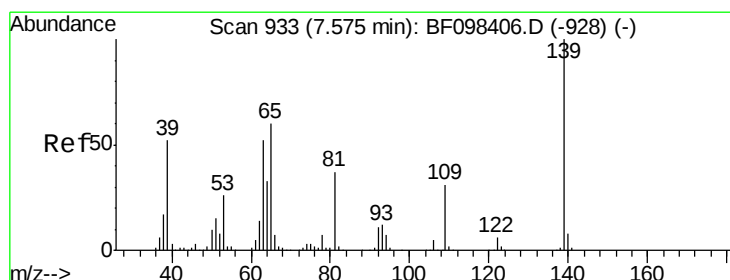
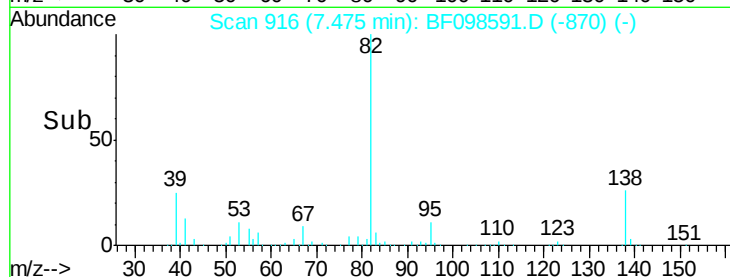
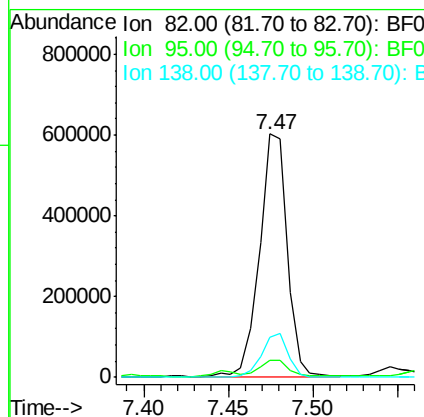
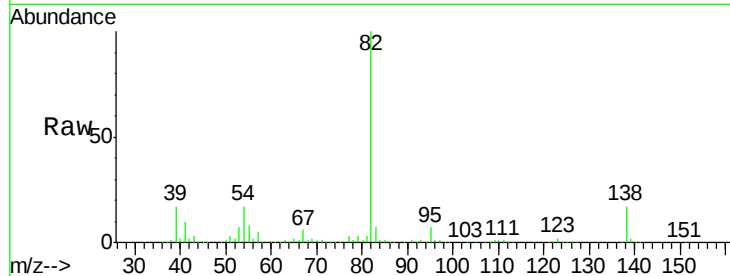
ClientSampleId :

SOIL-STOCKPILE-INSIDEMSD

Tgt Ion:	82	Resp:	689498
Ion Ratio		Lower	Upper
82	100		
95	7.2	5.3	7.9
138	16.7	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.532 ng

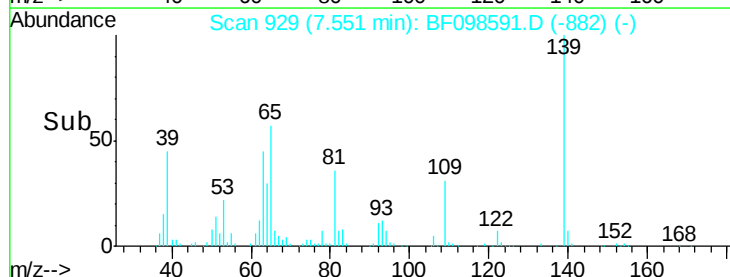
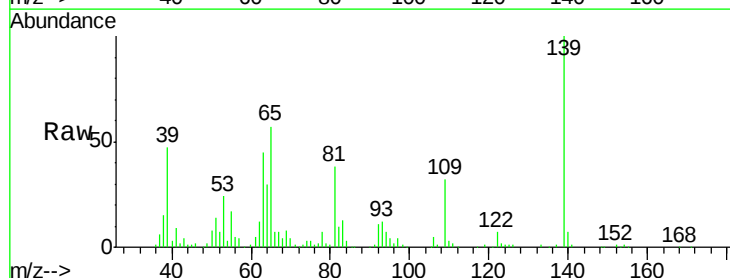
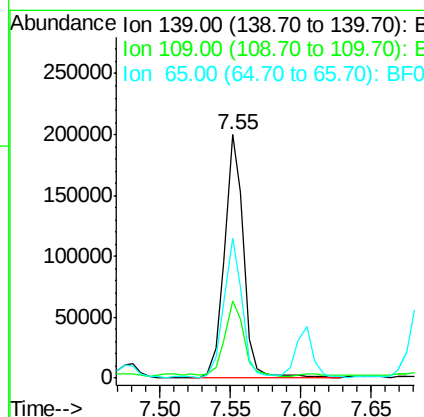
RT: 7.55 min Scan# 929

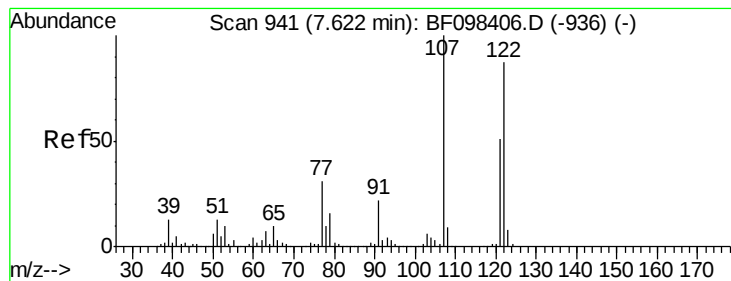
Delta R.T. -0.02 min

Lab File: BF098591.D

Acq: 16 Sep 2017 1:43

Tgt Ion:	139	Resp:	188214
Ion Ratio		Lower	Upper
139	100		
109	31.6	21.0	31.6#
65	57.4	33.0	49.6#





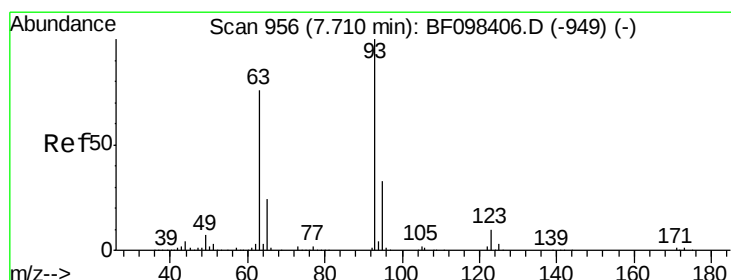
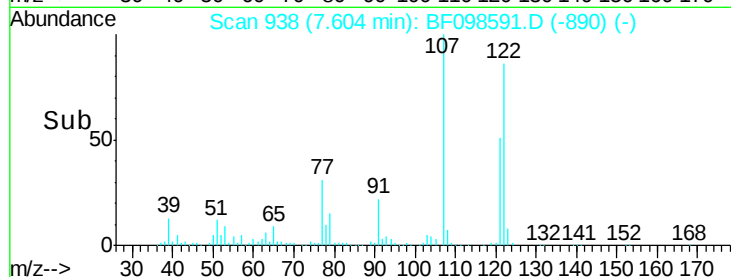
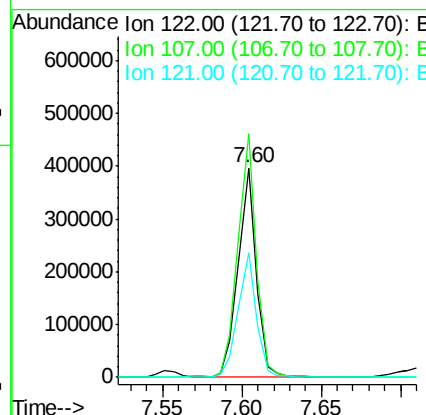
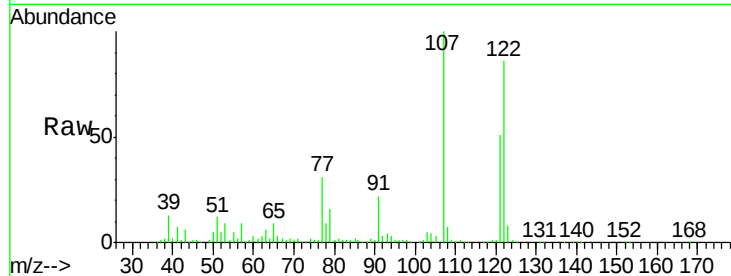
#27
 2,4-Dimethylphenol
 Concen: 37.882 ng
 RT: 7.60 min Scan# 938
 Delta R.T. -0.02 min
 Lab File: BF098591.D
 Acq: 16 Sep 2017 1:43

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	319565		
107	116.4	89.2	133.8	
121	59.6	45.2	67.8	

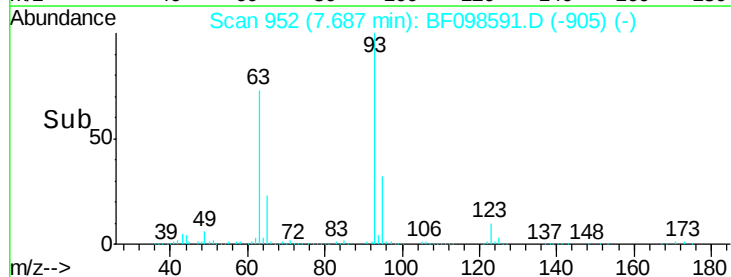
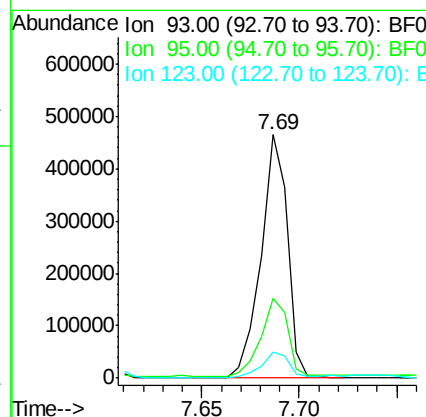
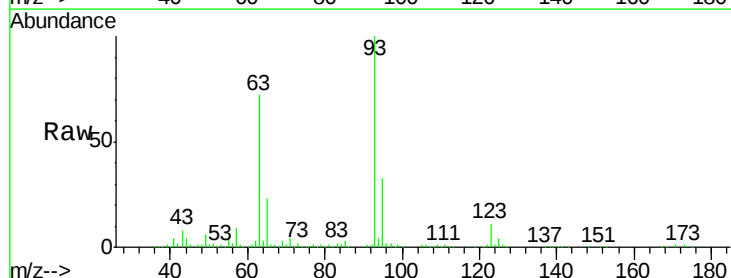
Manual Integrations
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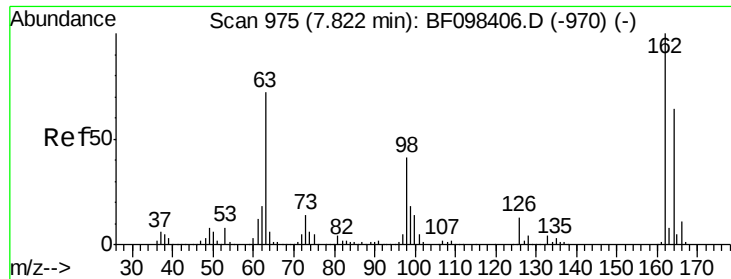
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 36.737 ng
 RT: 7.69 min Scan# 952
 Delta R.T. -0.02 min
 Lab File: BF098591.D
 Acq: 16 Sep 2017 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	436397		
95	32.9	26.5	39.7	
123	10.6	9.0	13.4	





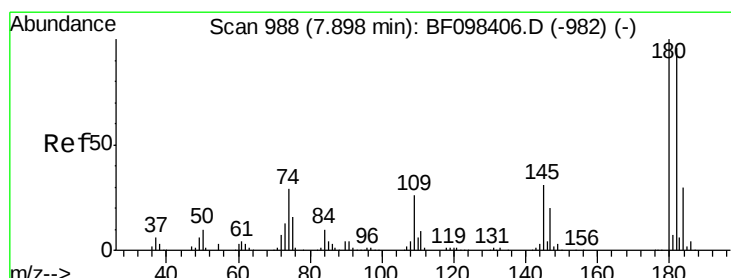
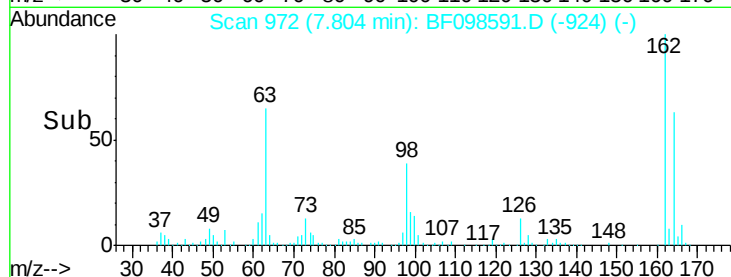
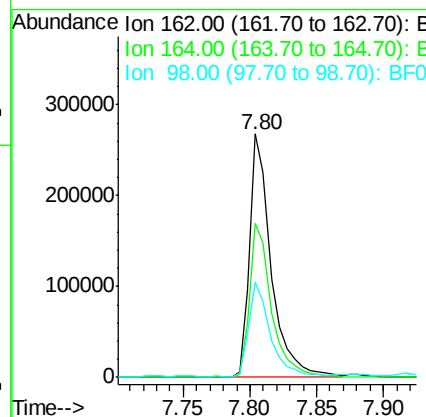
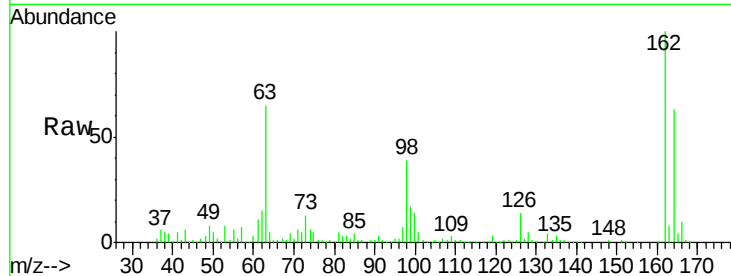
#29
2,4-Dichlorophenol
Concen: 42.589 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF098591.D
Acq: 16 Sep 2017 1:43

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.0	44.6	84.6
98	39.1	14.8	54.8

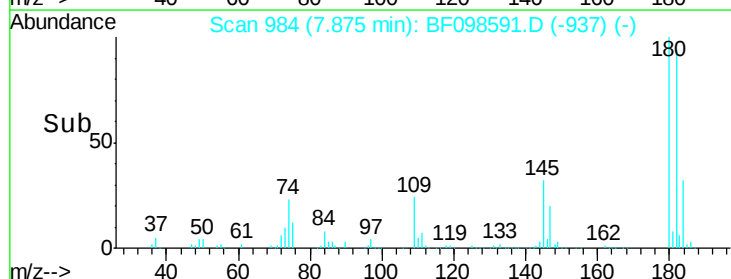
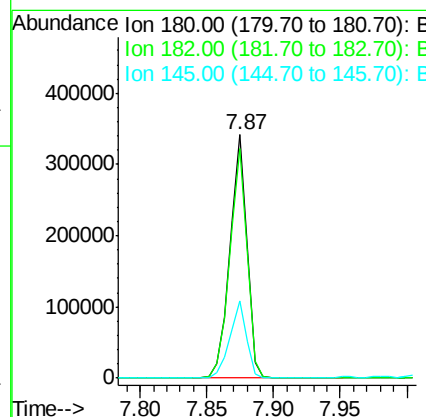
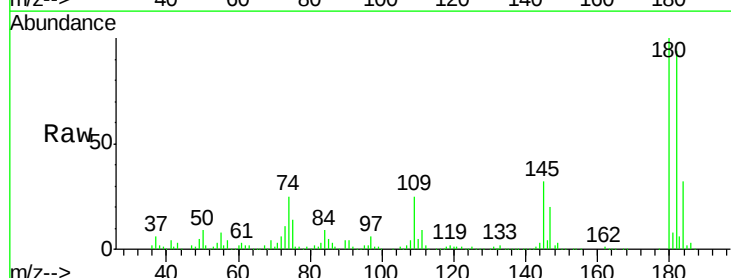
Manual Integrations
APPROVED

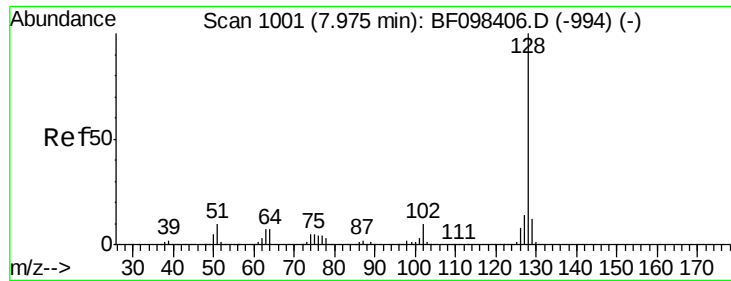
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 40.712 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF098591.D
Acq: 16 Sep 2017 1:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.4	75.8	113.6
145	32.0	25.3	37.9





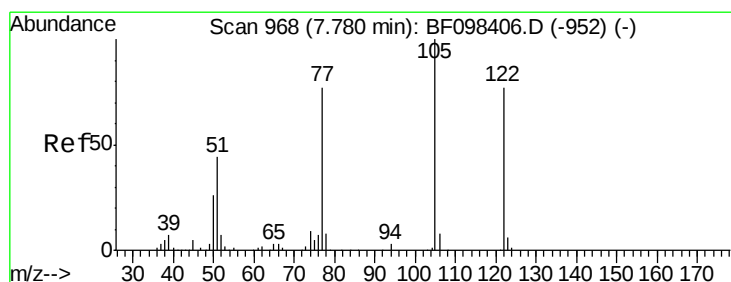
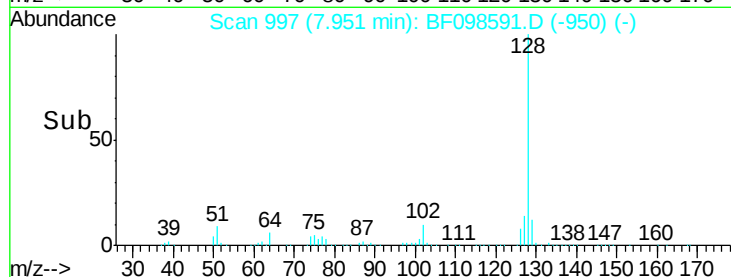
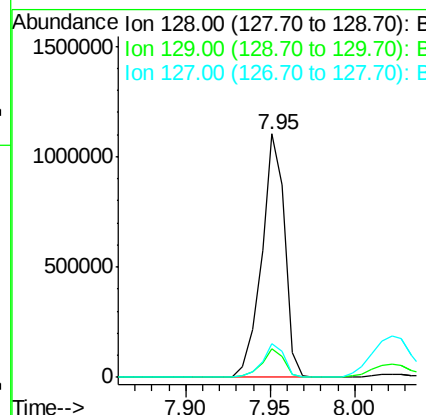
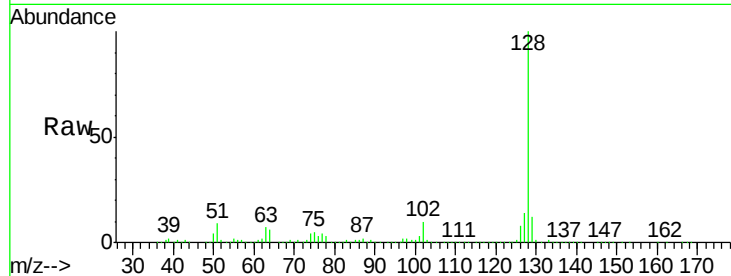
#31
Naphthalene
Concen: 39.267 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF098591.D
Acq: 16 Sep 2017 1:43

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	14.0	10.8	16.2

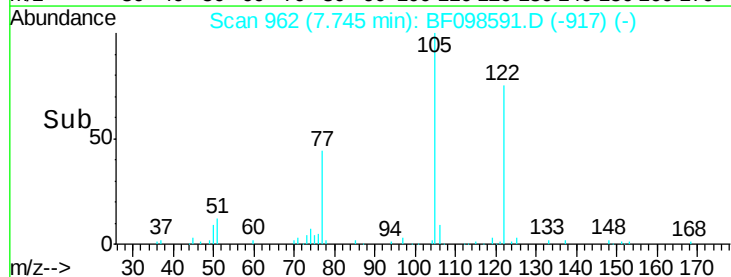
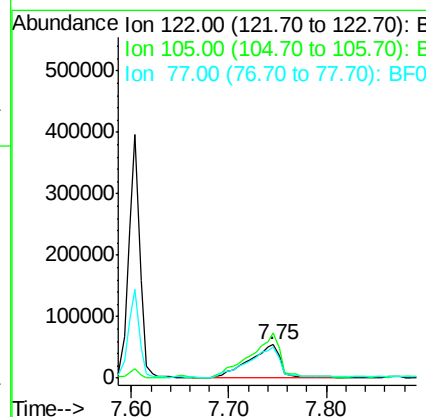
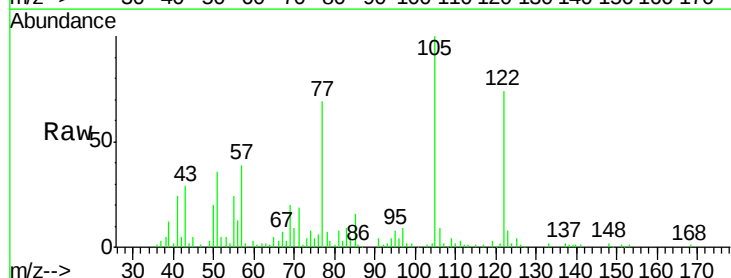
Manual Integrations
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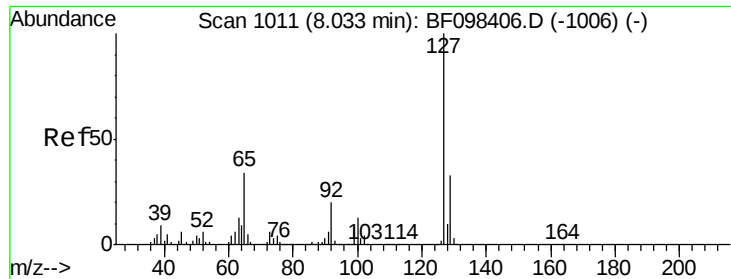
Sohil
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#32
Benzoic acid
Concen: 25.667 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.03 min
Lab File: BF098591.D
Acq: 16 Sep 2017 1:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.2	103.3	143.3
77	93.9	73.7	113.7





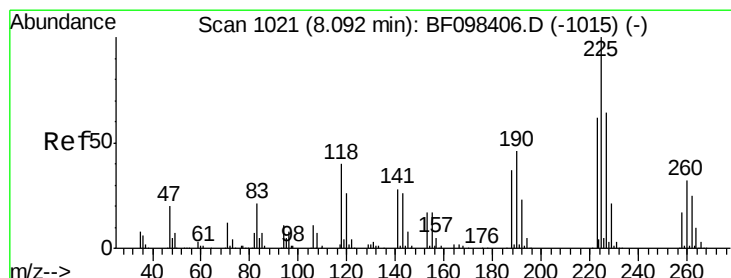
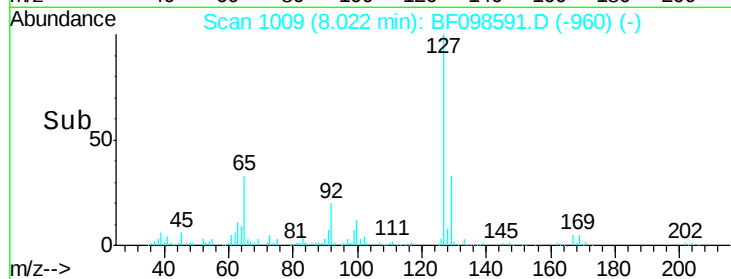
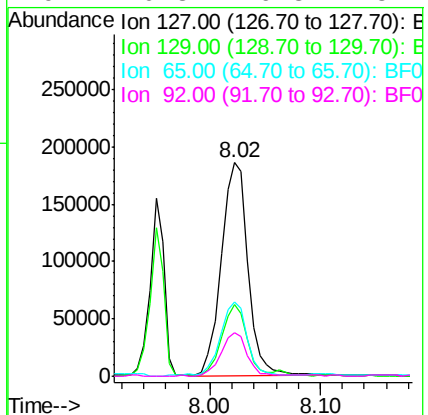
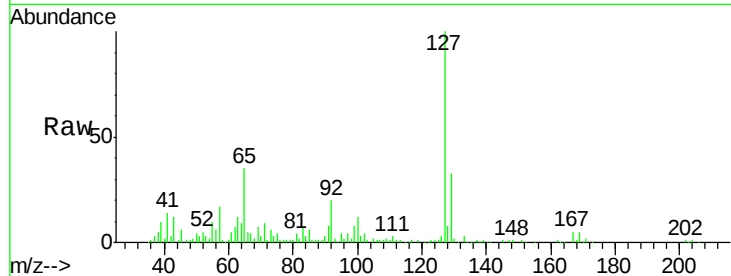
#33
4-Chloroaniline
Concen: 29.131 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098591.D
Acq: 16 Sep 2017 1:43

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	313951		
129	33.3	26.2	39.2	
65	34.7	27.8	41.8	
92	20.3	16.8	25.2	

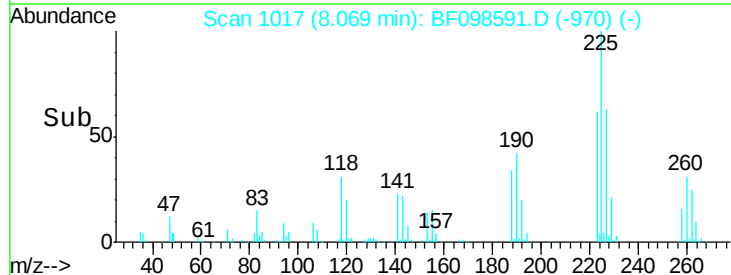
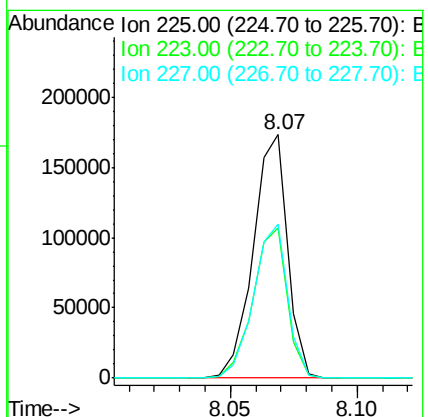
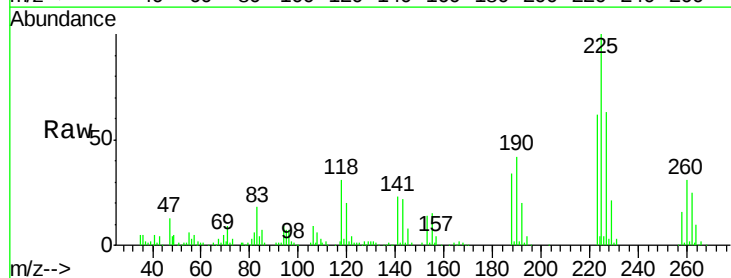
Manual Integrations
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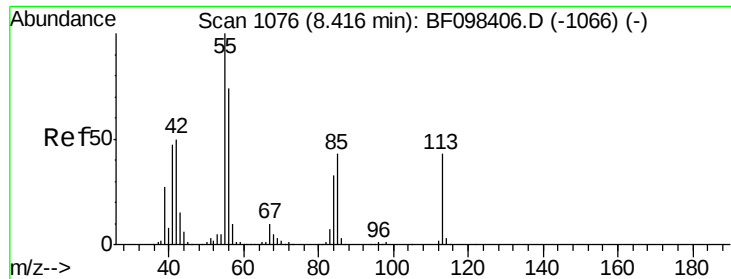
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#34
Hexachlorobutadiene
Concen: 41.595 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF098591.D
Acq: 16 Sep 2017 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	162967		
223	61.9	48.8	73.2	
227	63.2	51.1	76.7	





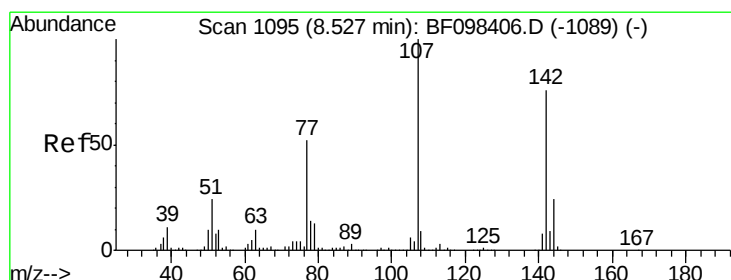
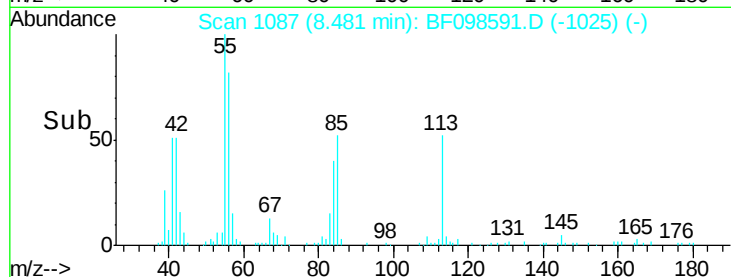
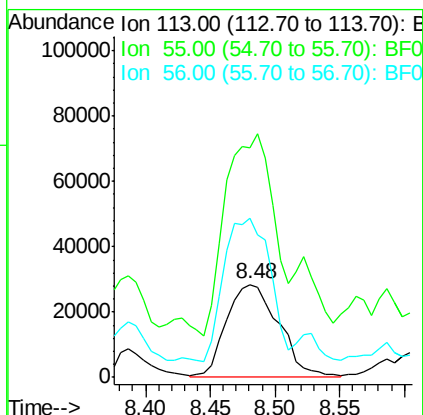
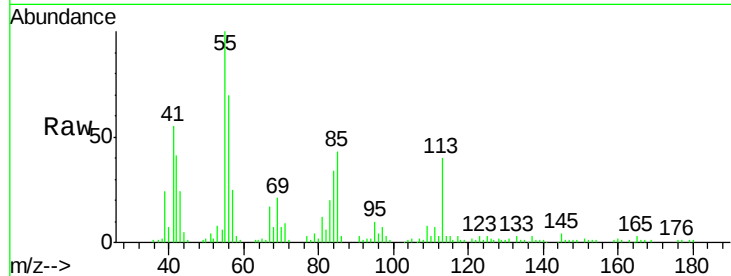
#35
 Caprolactam
 Concen: 32.973 ng m
 RT: 8.48 min Scan# 1087
 Delta R.T. 0.06 min
 Lab File: BF098591.D
 Acq: 16 Sep 2017 1:43

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMSD

Tgt Ion:113 Resp: 79772
 Ion Ratio Lower Upper
 113 100
 55 247.4 150.2 190.2#
 56 172.6 107.8 147.8#

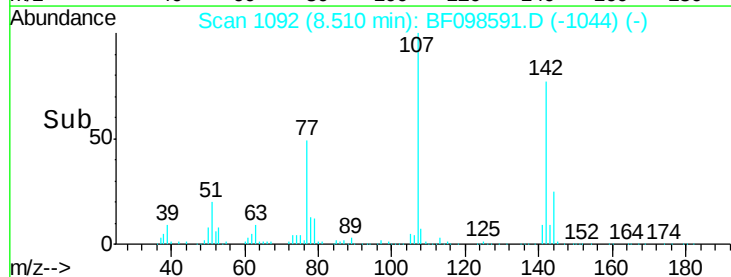
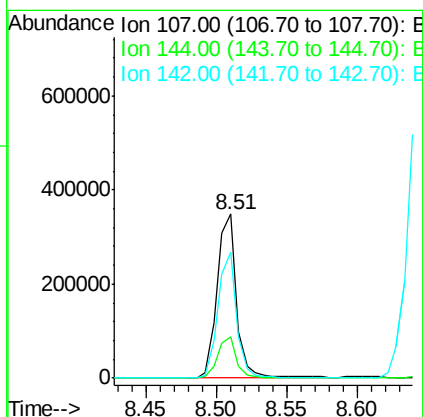
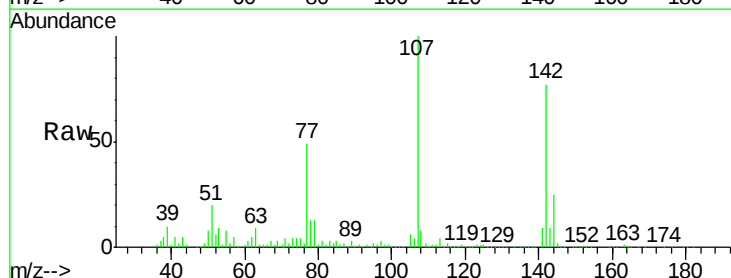
Manual Integrations
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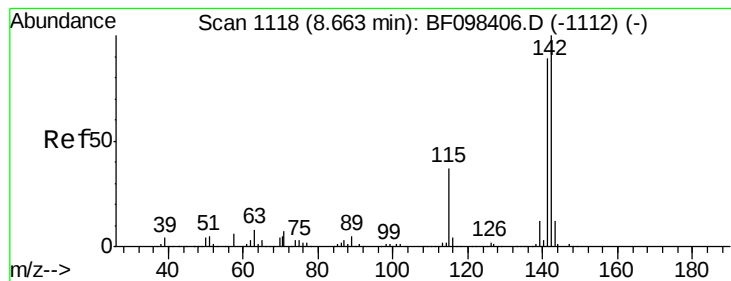
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#36
 4-Chloro-3-methylphenol
 Concen: 37.975 ng
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.02 min
 Lab File: BF098591.D
 Acq: 16 Sep 2017 1:43

Tgt Ion:107 Resp: 330419
 Ion Ratio Lower Upper
 107 100
 144 24.8 24.2 36.4
 142 76.6 73.4 110.0





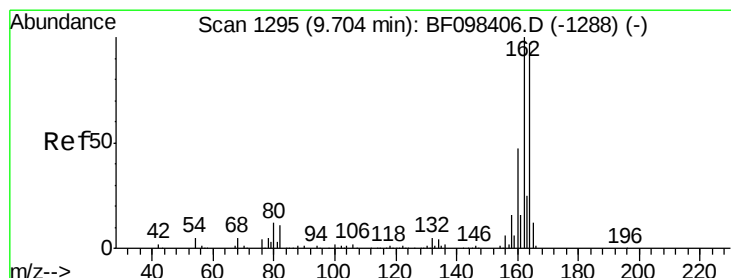
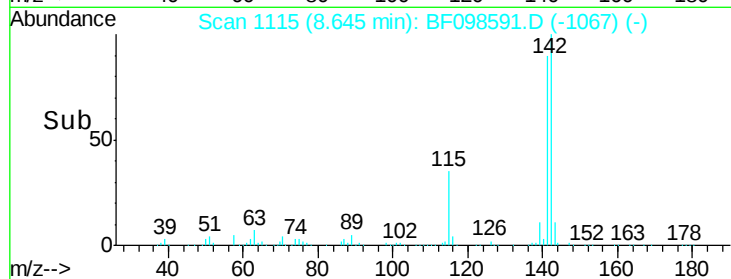
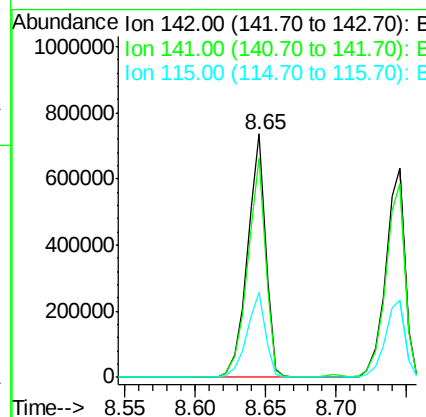
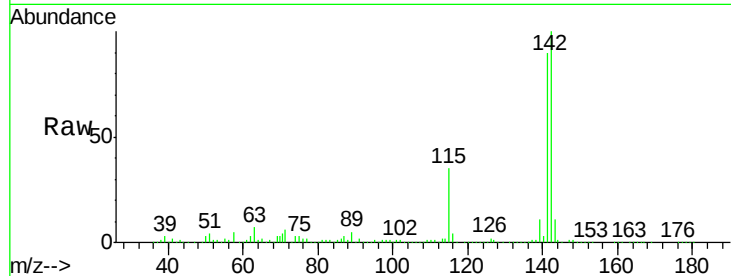
#37
2-Methylnaphthalene
Concen: 40.899 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF098591.D
Acq: 16 Sep 2017 1:43

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	90.2	71.3	106.9
115	34.9	27.1	40.7

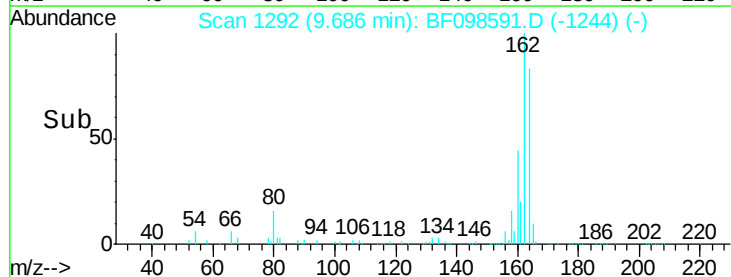
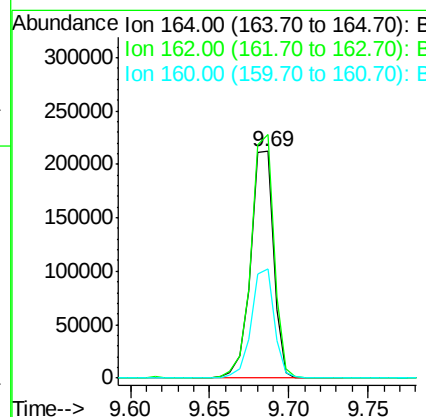
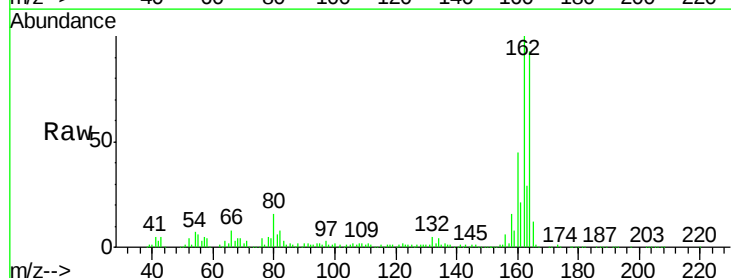
Manual Integrations
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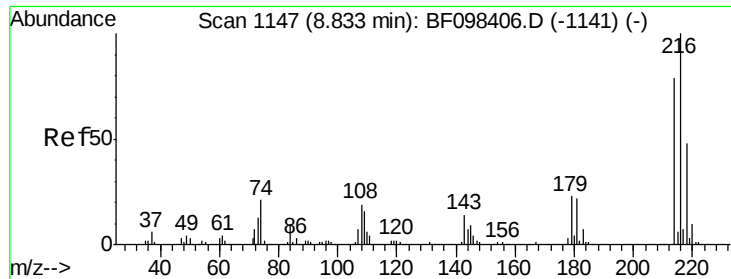
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF098591.D
Acq: 16 Sep 2017 1:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	107.3	82.6	123.8
160	47.9	36.2	54.2





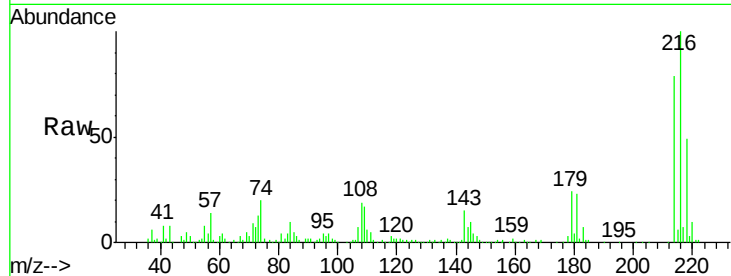
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.155 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.02 min
 Lab File: BF098591.D
 Acq: 16 Sep 2017 1:43

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMSD

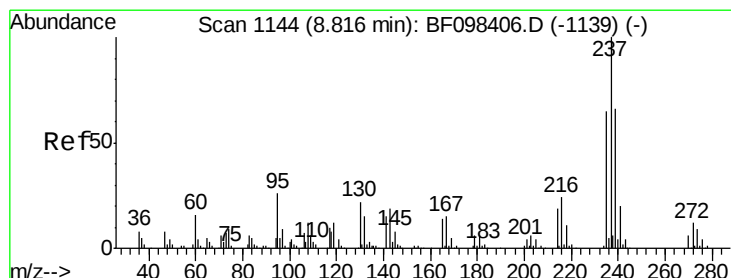
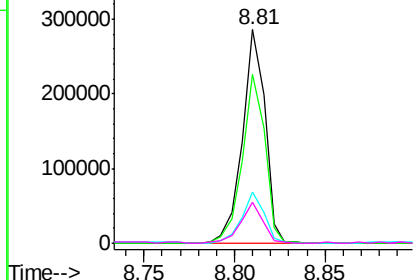
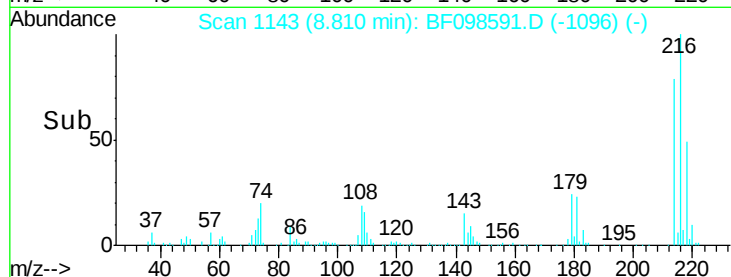
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	248127		
214	79.4	63.4	95.2	
179	23.3	17.9	26.9	
108	18.1	16.5	24.7	

Manual Integrations
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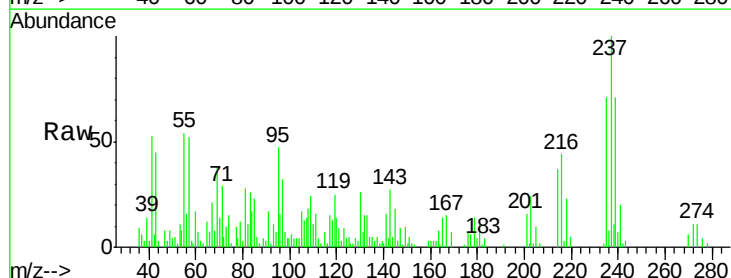


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

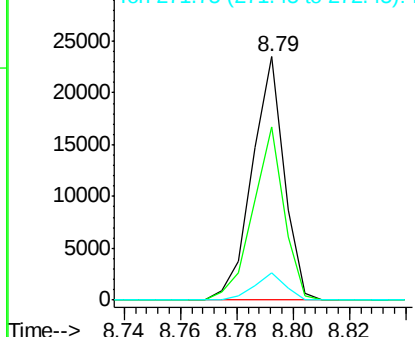
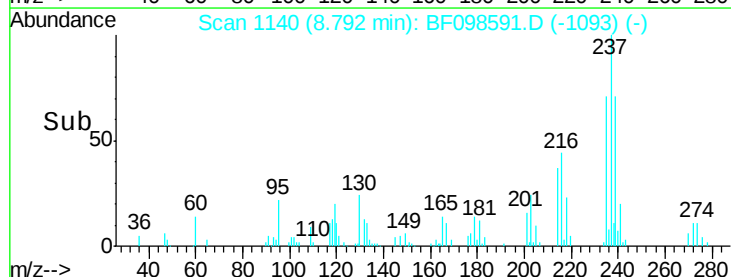


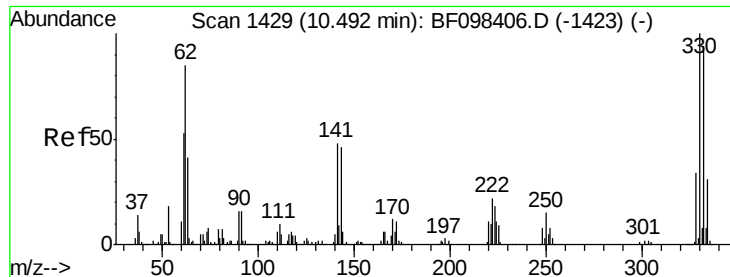
#40
 Hexachlorocyclopentadiene
 Concen: 18.104 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.02 min
 Lab File: BF098591.D
 Acq: 16 Sep 2017 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	18447		
235	71.1	42.6	82.6	
272	11.0	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





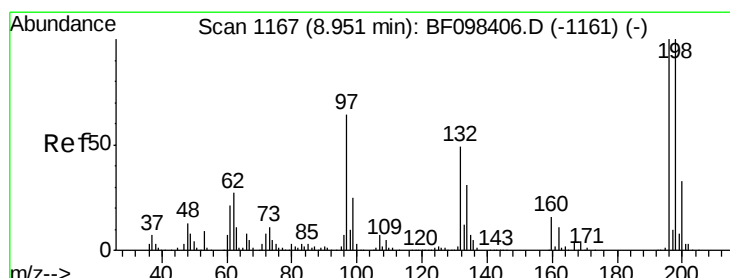
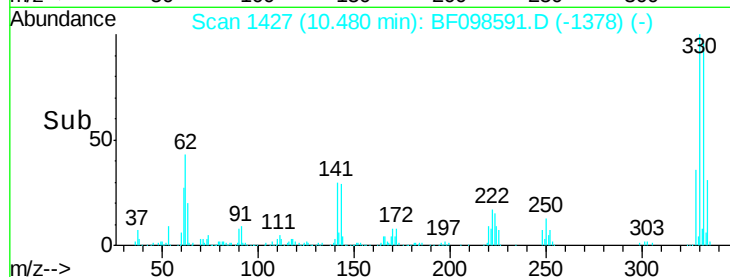
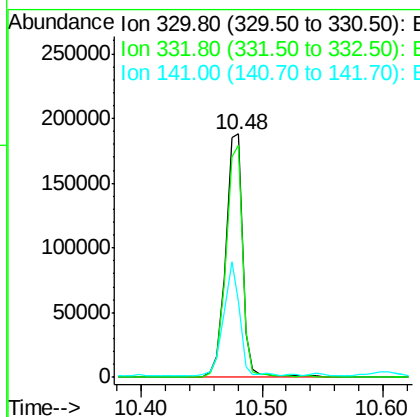
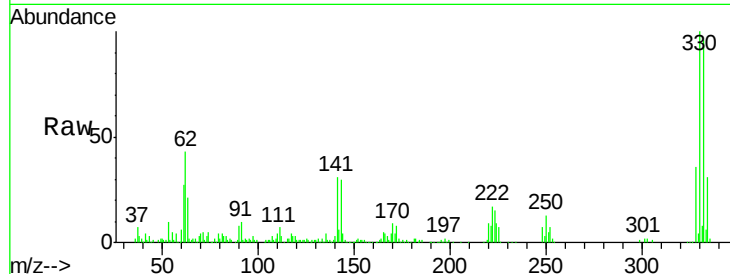
#41
 2,4,6-Tribromophenol
 Concen: 129.581 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF098591.D
 Acq: 16 Sep 2017 1:43

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	185416		
332	94.1	76.6	115.0	
141	44.2	31.4	47.2	

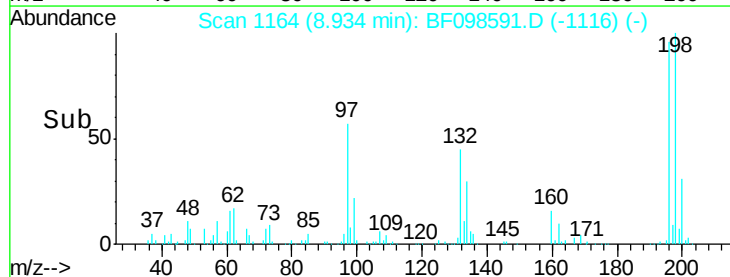
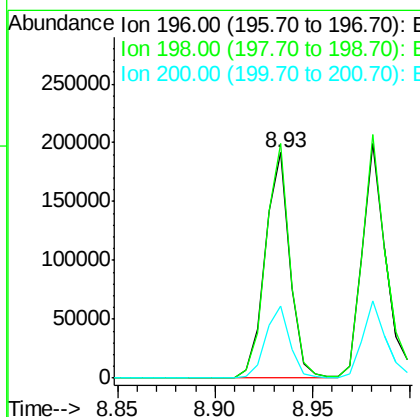
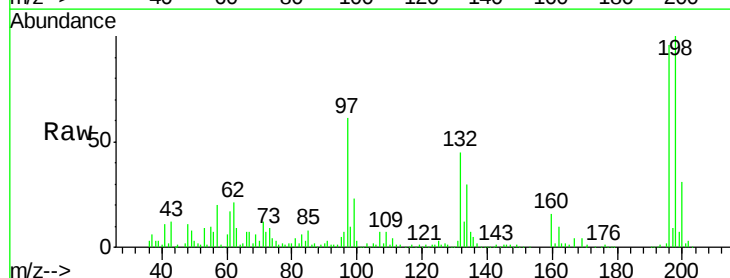
Manual Integrations
 APPROVED

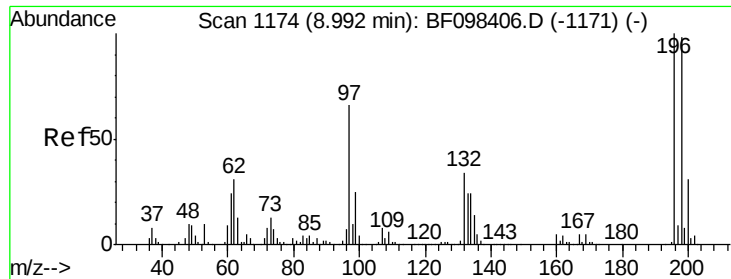
Sohil
 9/18/2017 3:35:10 PM



#42
 2,4,6-Trichlorophenol
 Concen: 42.948 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.02 min
 Lab File: BF098591.D
 Acq: 16 Sep 2017 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	168466		
198	103.8	74.2	111.4	
200	32.2	24.0	36.0	





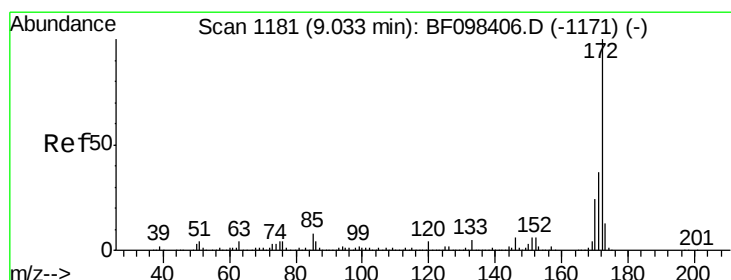
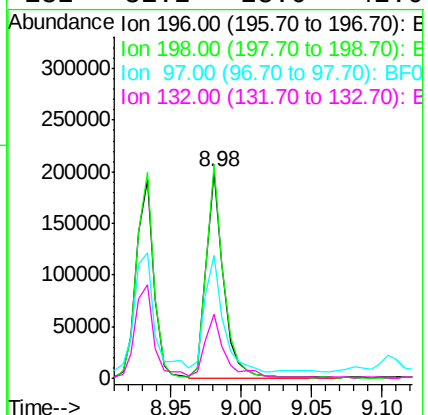
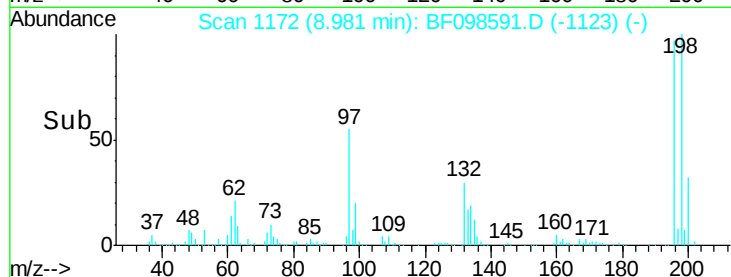
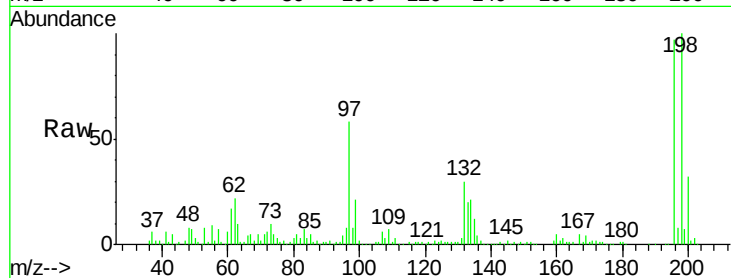
#43
 2,4,5-Trichlorophenol
 Concen: 41.996 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF098591.D
 Acq: 16 Sep 2017 1:43

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	172184		
198	103.6	75.7	113.5	
97	59.7	47.7	71.5	
132	31.2	28.0	42.0	

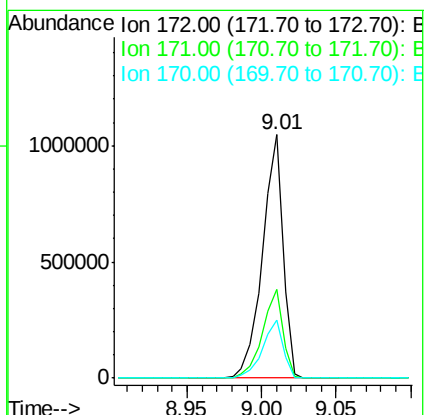
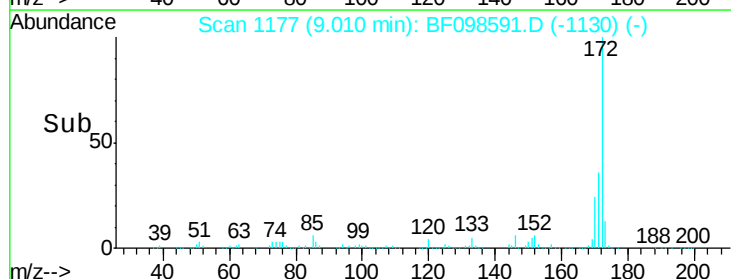
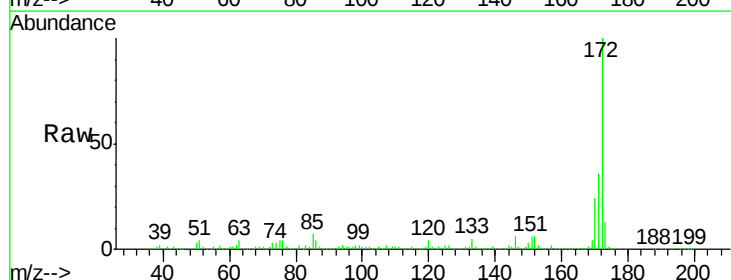
Manual Integrations
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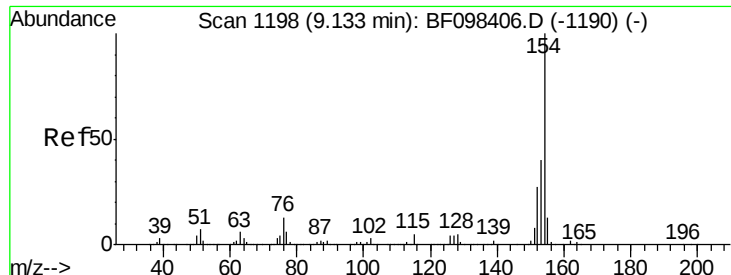
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 77.815 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF098591.D
 Acq: 16 Sep 2017 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	984288		
171	36.3	29.6	44.4	
170	23.6	19.8	29.8	





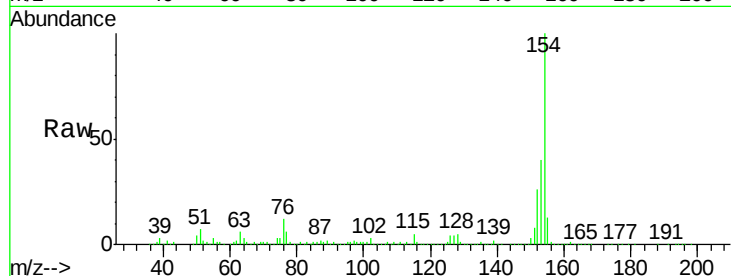
#45
 1,1'-Biphenyl
 Concen: 36.904 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BF098591.D
 Acq: 16 Sep 2017 1:43

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMSD

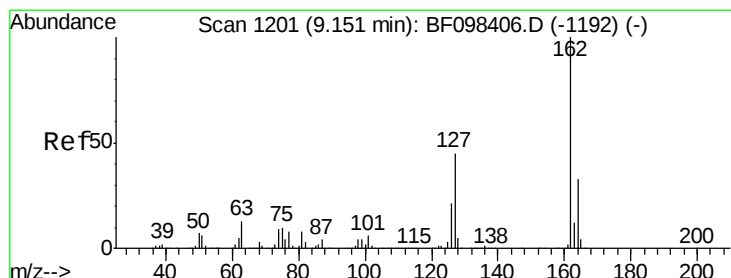
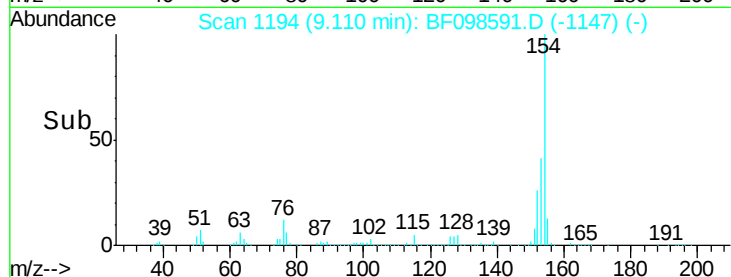
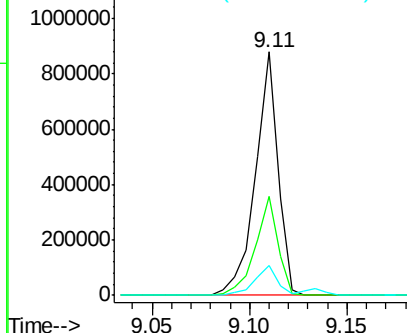
Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.5	21.2	61.2	
76	12.1	0.0	29.9	

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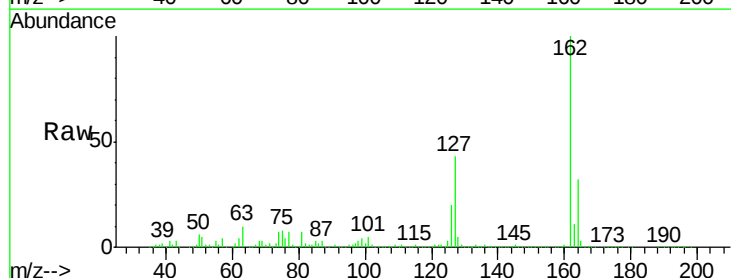


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

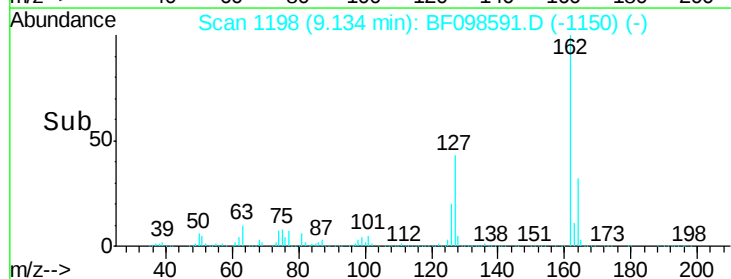
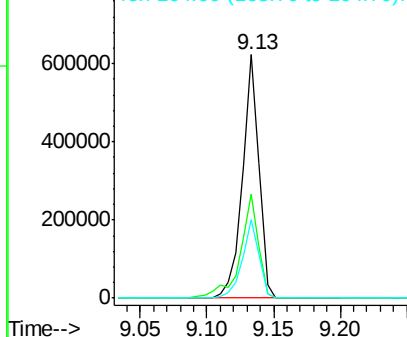


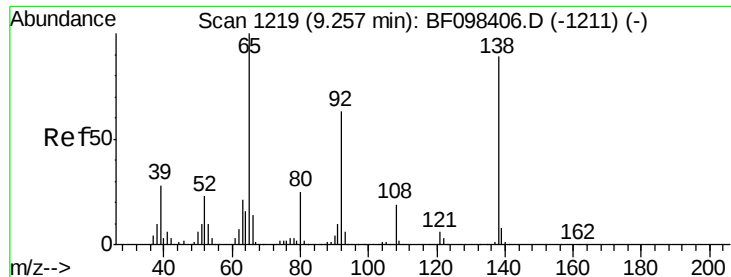
#46
 2-Chloronaphthalene
 Concen: 38.985 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF098591.D
 Acq: 16 Sep 2017 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.8	28.3	42.5#	
164	32.4	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: 38.831 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.02 min

Lab File: BF098591.D

Acq: 16 Sep 2017 1:43

Instrument :

BNA_F

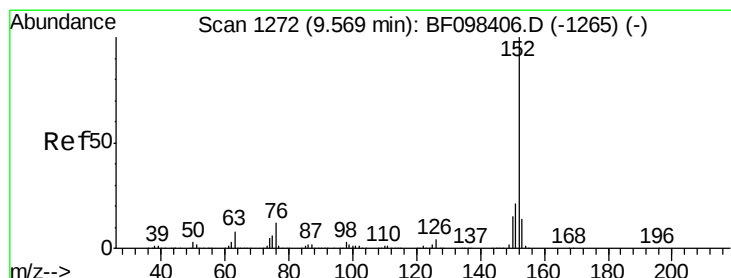
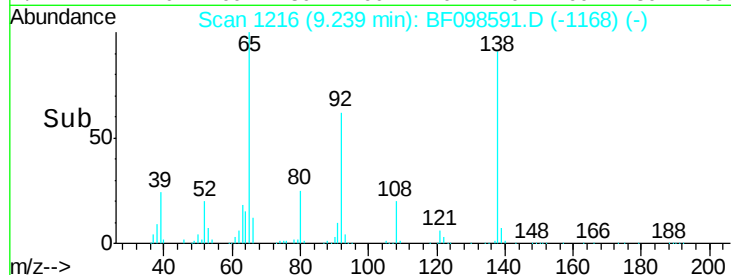
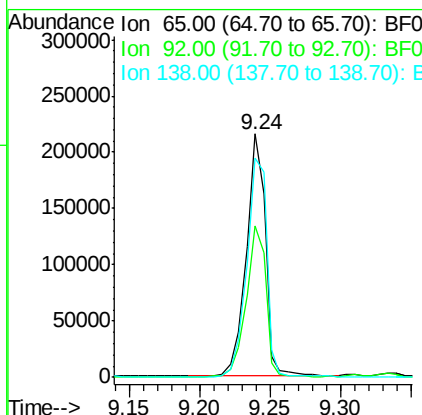
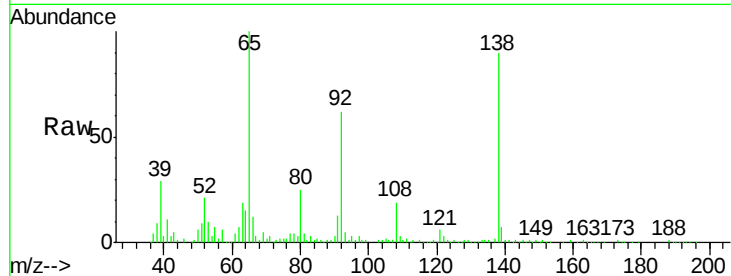
ClientSampleId :

SOIL-STOCKPILE-INSIDEMSD

Tgt Ion:	65	Resp:	204254
Ion Ratio	Lower	Upper	
65	100		
92	62.4	53.9	80.9
138	90.3	78.8	118.2

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#48

Acenaphthylene

Concen: 38.197 ng

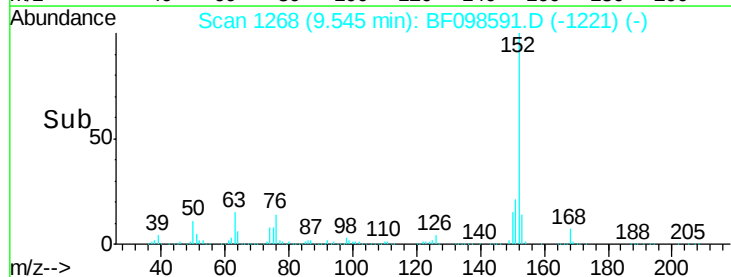
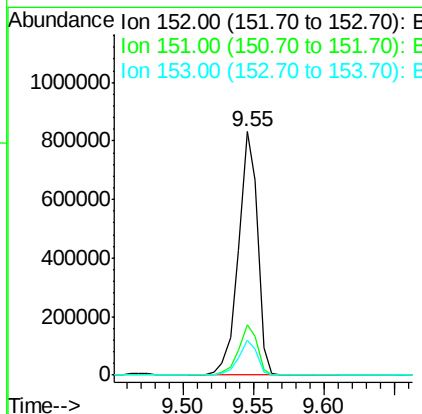
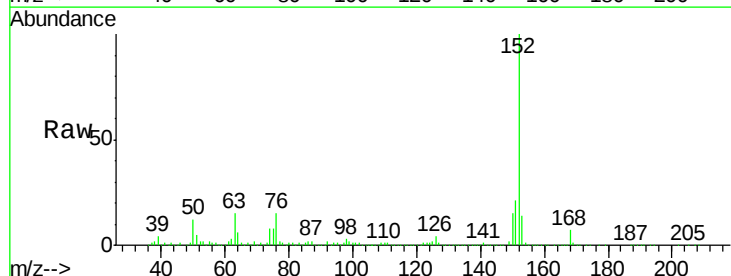
RT: 9.55 min Scan# 1268

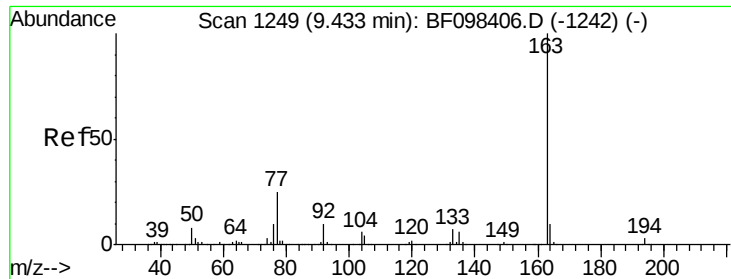
Delta R.T. -0.02 min

Lab File: BF098591.D

Acq: 16 Sep 2017 1:43

Tgt Ion:	152	Resp:	778318
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.8	25.2
153	14.3	10.8	16.2





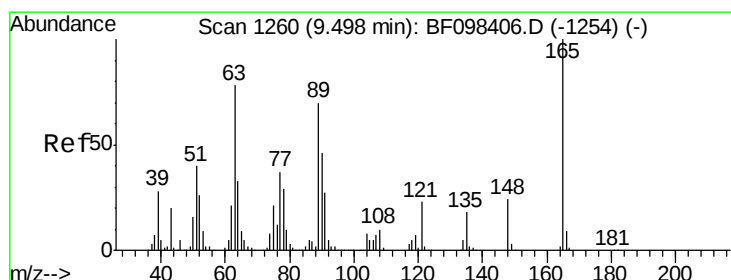
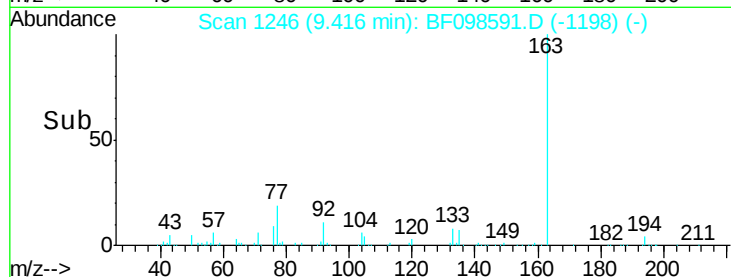
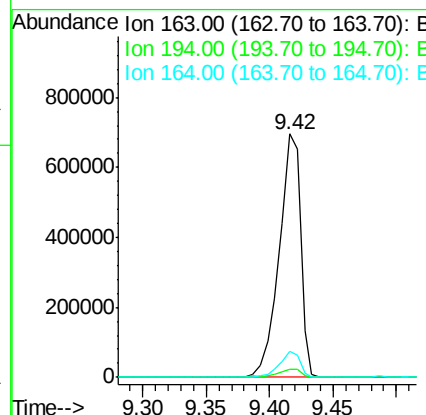
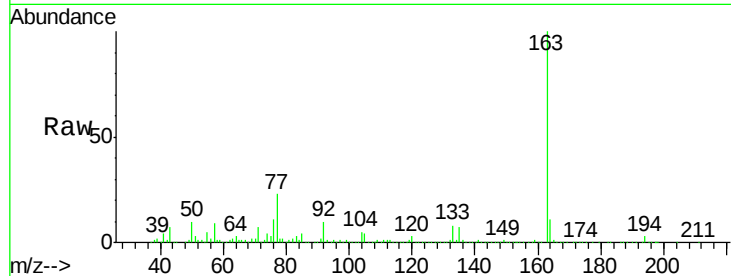
#49
Dimethylphthalate
Concen: 48.829 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF098591.D
Acq: 16 Sep 2017 1:43

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	810352		
194	3.4	2.6	4.0	
164	10.6	8.4	12.6	

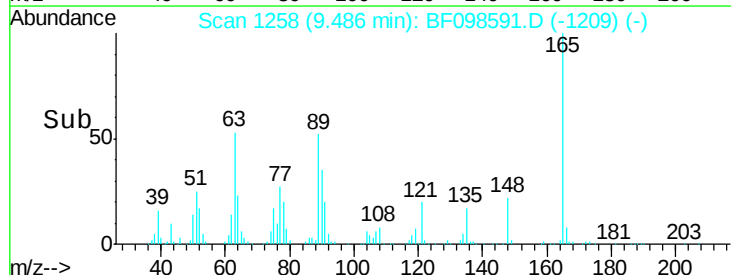
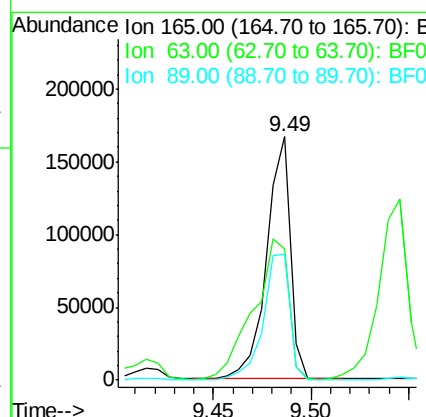
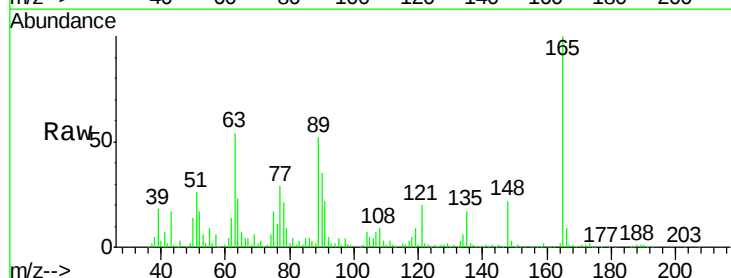
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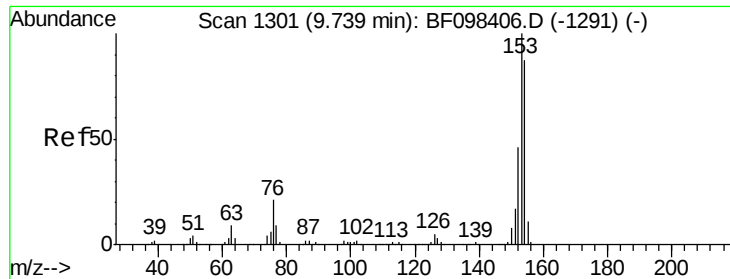
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#50
2,6-Dinitrotoluene
Concen: 41.265 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF098591.D
Acq: 16 Sep 2017 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	140669		
63	53.6	34.3	51.5#	
89	51.6	37.1	55.7	





#51

Acenaphthene

Concen: 37.716 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF098591.D

Acq: 16 Sep 2017 1:43

Instrument :

BNA_F

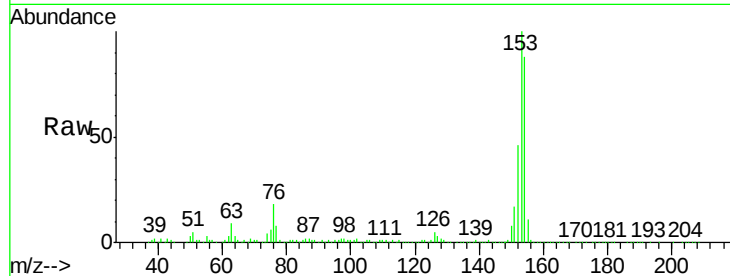
ClientSampleId :

SOIL-STOCKPILE-INSIDEMSD

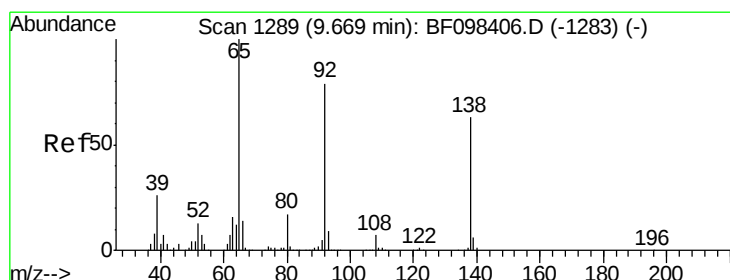
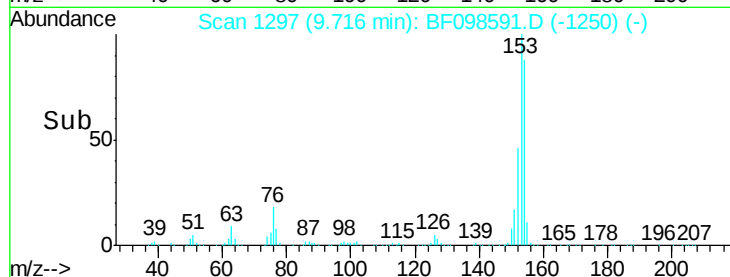
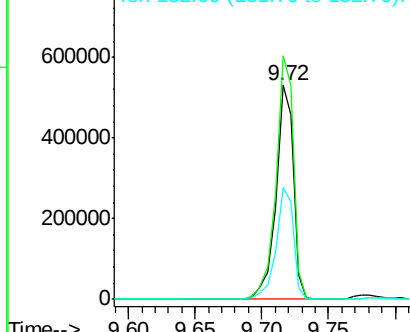
Tgt Ion:	154	Resp:	488519
Ion Ratio	Lower	Upper	
154	100		
153	114.0	90.5	135.7
152	52.6	43.6	65.4

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.961 ng

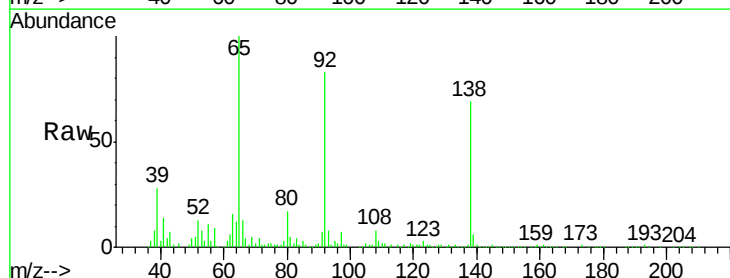
RT: 9.65 min Scan# 1286

Delta R.T. -0.02 min

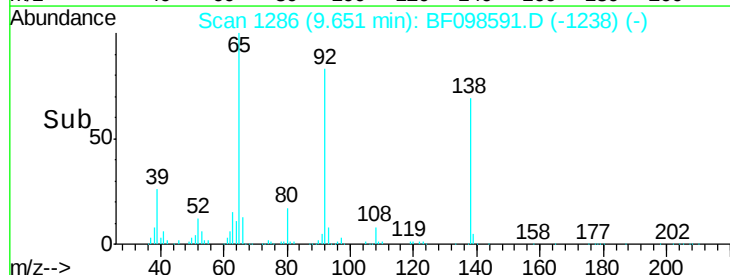
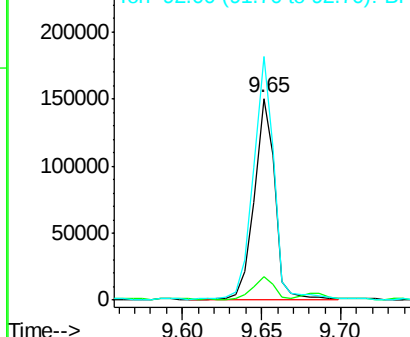
Lab File: BF098591.D

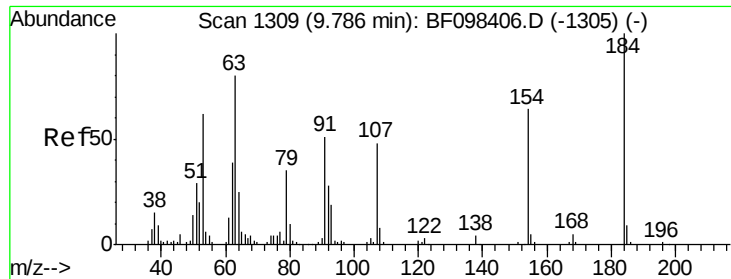
Acq: 16 Sep 2017 1:43

Tgt Ion:	138	Resp:	135636
Ion Ratio	Lower	Upper	
138	100		
108	11.9	9.1	13.7
92	120.7	93.8	140.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





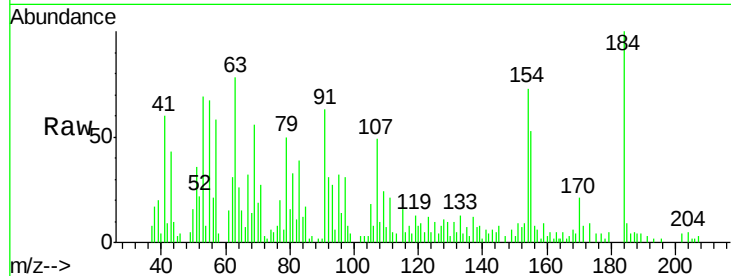
#53
2,4-Dinitrophenol
Concen: 20.479 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF098591.D
Acq: 16 Sep 2017 1:43

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMSD

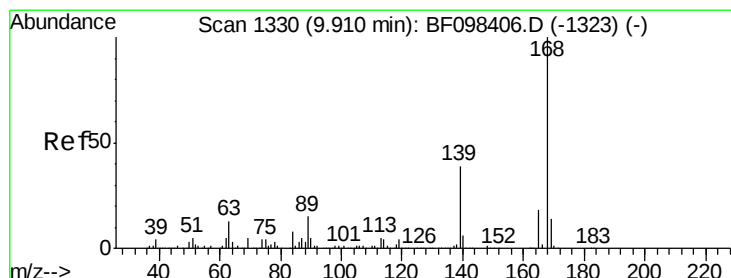
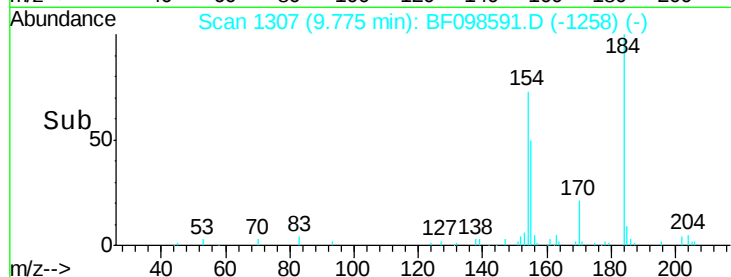
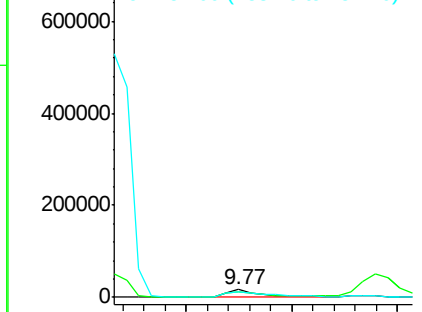
Tgt Ion:184 Resp: 21560
Ion Ratio Lower Upper
184 100
63 78.3 62.7 94.1
154 72.8 81.1 121.7#

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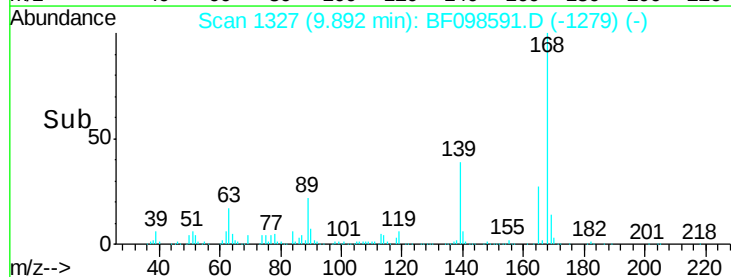
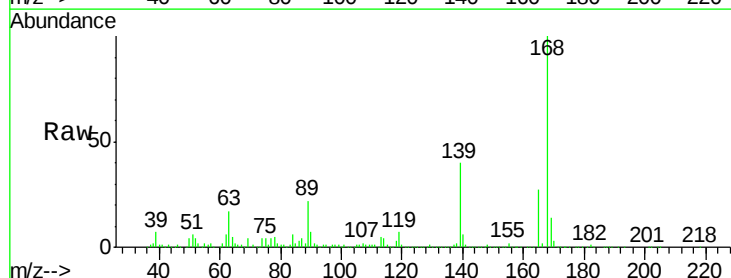
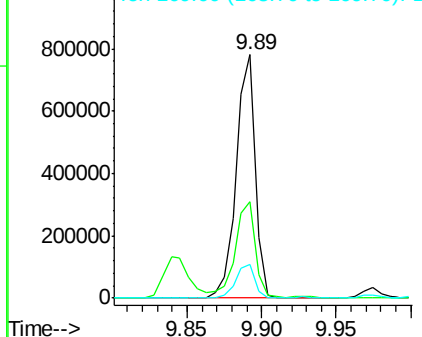
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

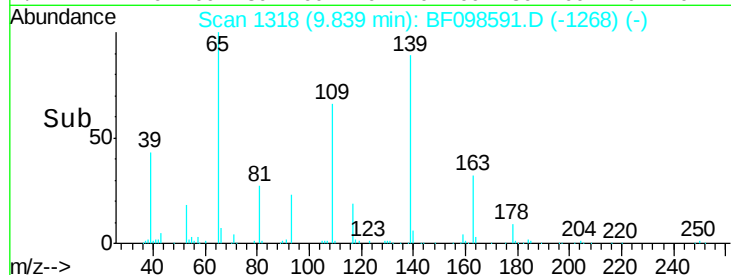
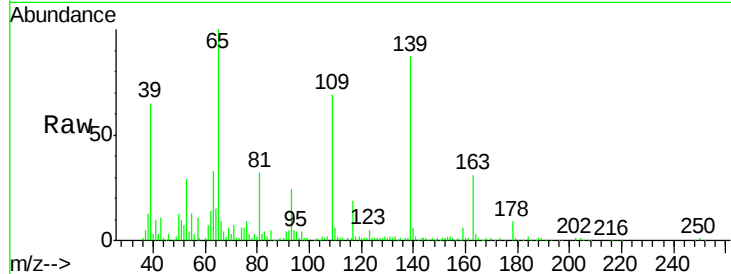
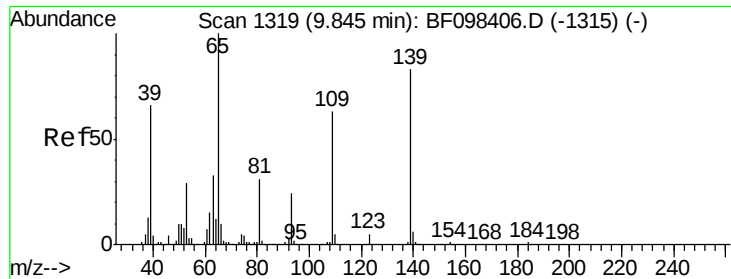


#54
Dibenzofuran
Concen: 41.291 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.02 min
Lab File: BF098591.D
Acq: 16 Sep 2017 1:43

Tgt Ion:168 Resp: 704588
Ion Ratio Lower Upper
168 100
139 39.5 30.6 45.8
169 13.7 10.8 16.2

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





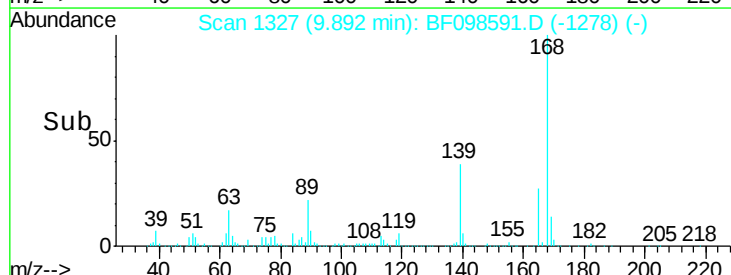
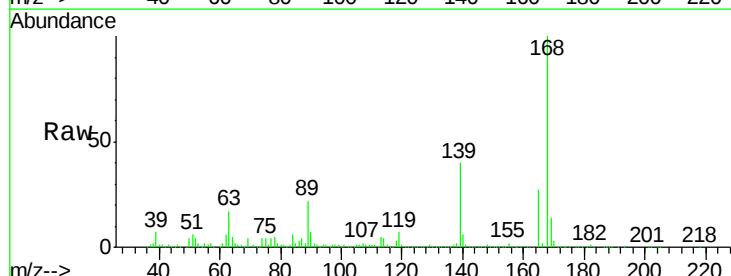
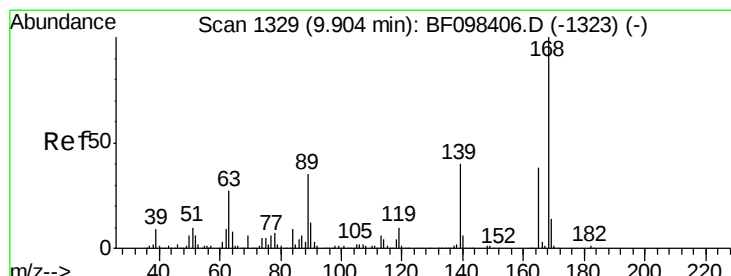
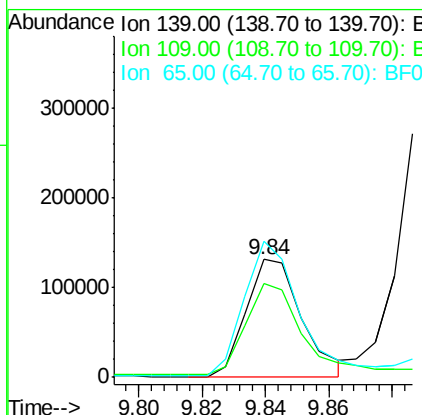
#55
4-Nitrophenol
Concen: 67.076 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF098591.D
Acq: 16 Sep 2017 1:43

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	79.5	34.1	74.1#	
65	115.4	31.4	71.4#	

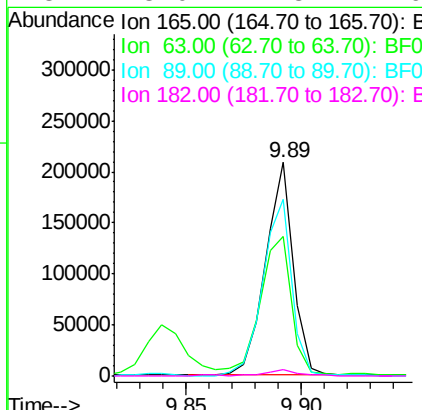
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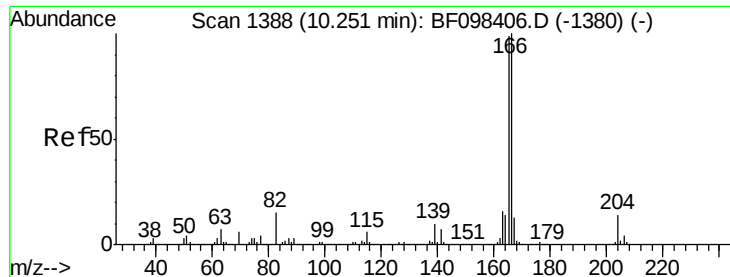
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#56
2,4-Dinitrotoluene
Concen: 41.973 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF098591.D
Acq: 16 Sep 2017 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	65.2	25.4	38.0#	
89	82.4	46.4	69.6#	
182	3.0	1.8	2.6#	





#57

Fluorene

Concen: 37.772 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.02 min

Lab File: BF098591.D

Acq: 16 Sep 2017 1:43

Instrument :

BNA_F

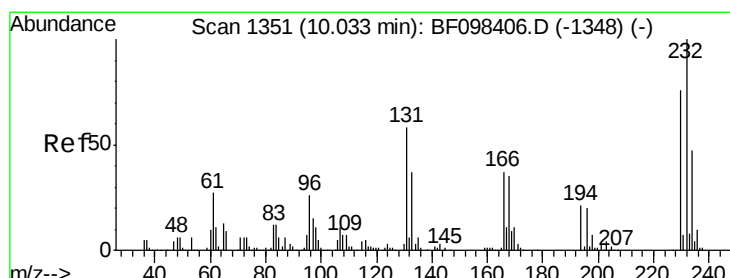
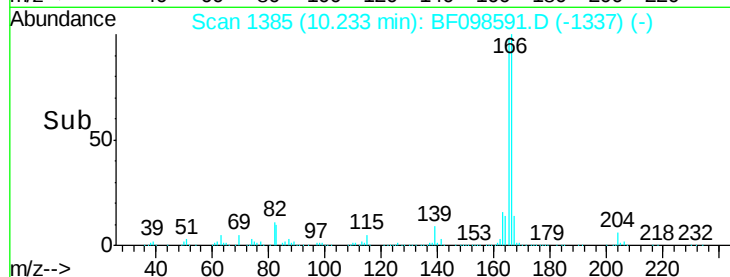
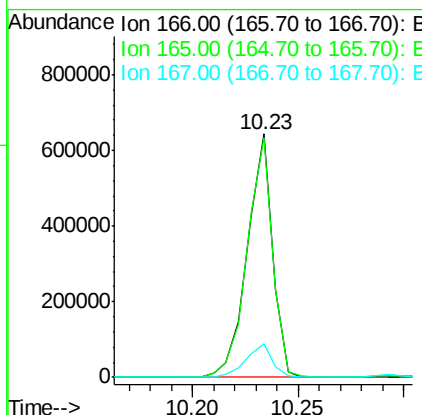
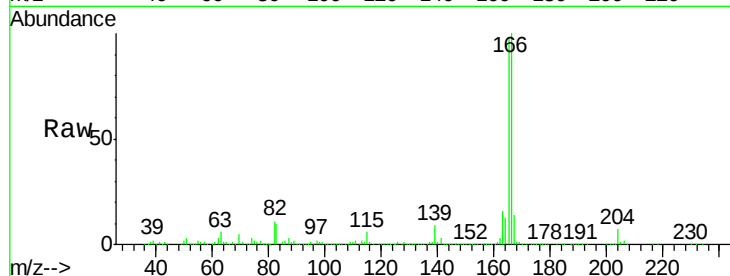
ClientSampleId :

SOIL-STOCKPILE-INSIDEMSD

Tgt Ion:	166	Resp:	533487
Ion Ratio	Lower	Upper	
166	100		
165	98.4	78.8	118.2
167	13.8	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.562 ng

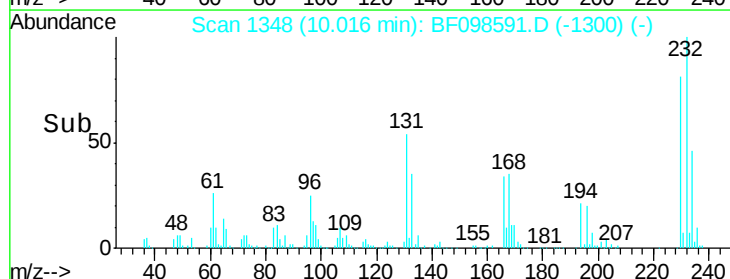
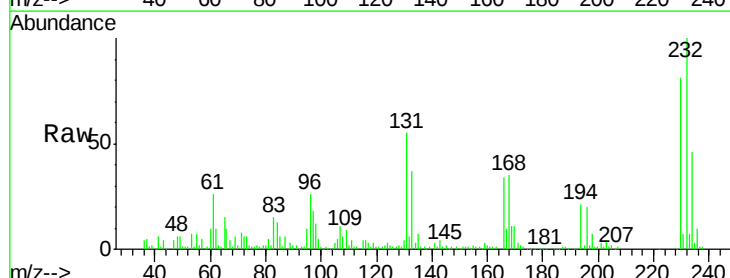
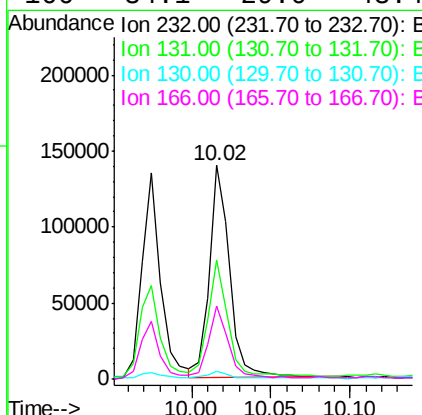
RT: 10.02 min Scan# 1348

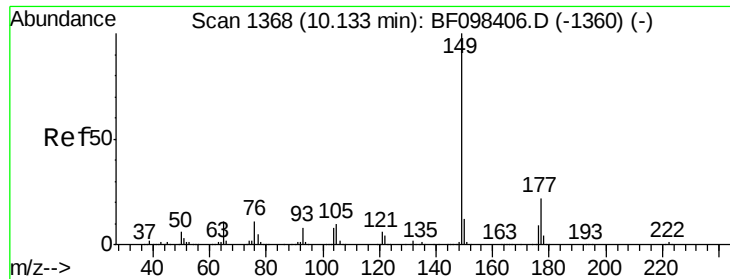
Delta R.T. -0.02 min

Lab File: BF098591.D

Acq: 16 Sep 2017 1:43

Tgt Ion:	232	Resp:	125542
Ion Ratio	Lower	Upper	
232	100		
131	55.0	44.8	67.2
130	3.3	2.3	3.5
166	34.1	29.0	43.4





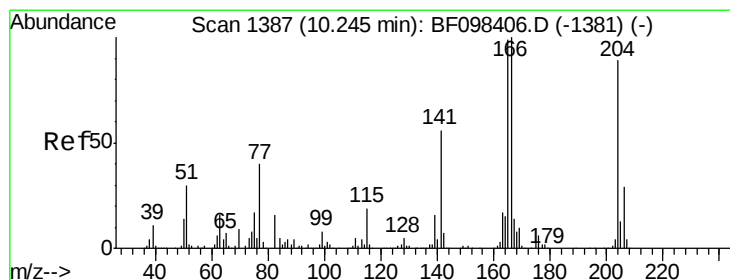
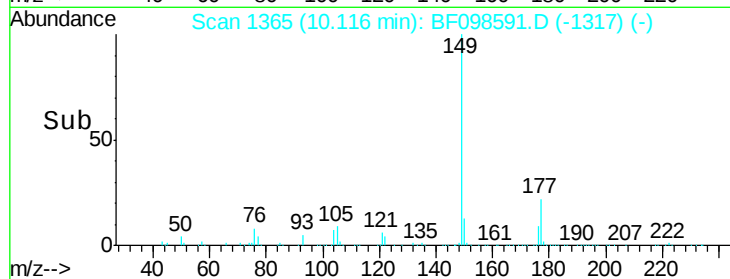
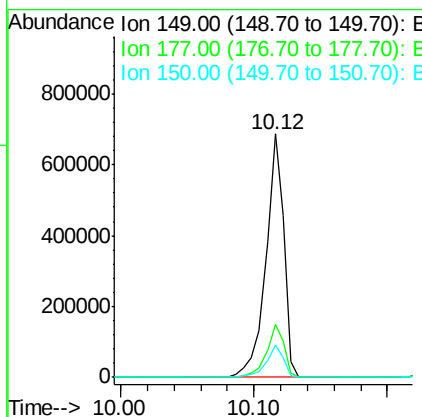
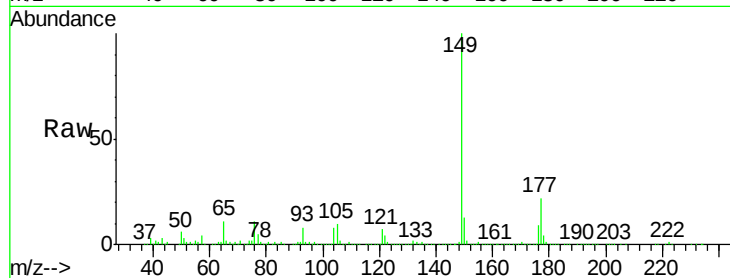
#59
Diethylphthalate
Concen: 40.129 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BF098591.D
Acq: 16 Sep 2017 1:43

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	633361		
177	21.8	16.7	25.1	
150	13.1	10.2	15.2	

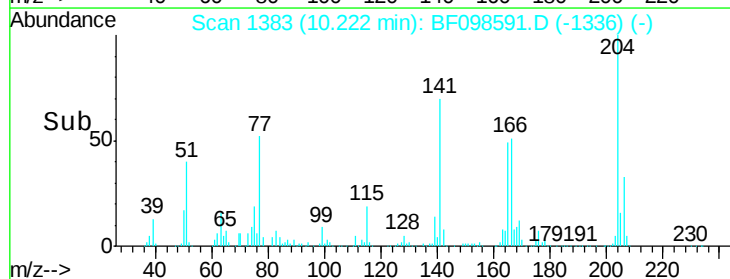
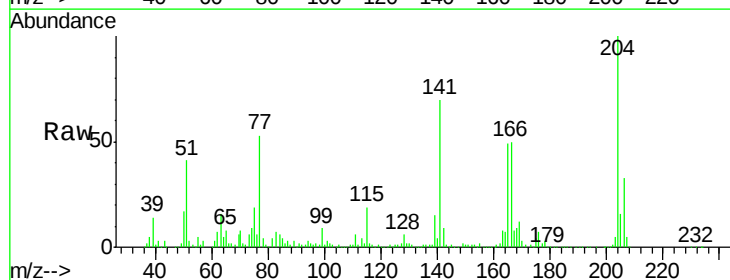
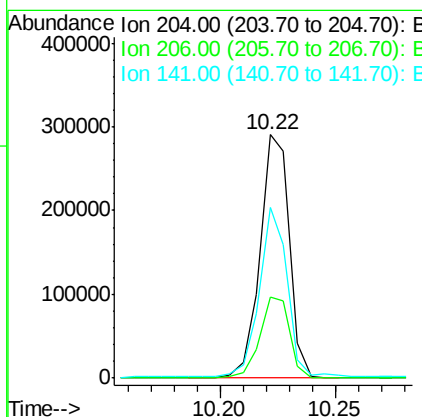
Manual Integrations
APPROVED

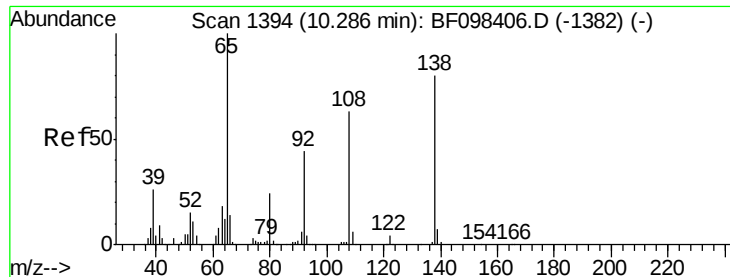
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 39.500 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.02 min
Lab File: BF098591.D
Acq: 16 Sep 2017 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	257685		
206	33.2	26.2	39.2	
141	70.2	60.8	91.2	





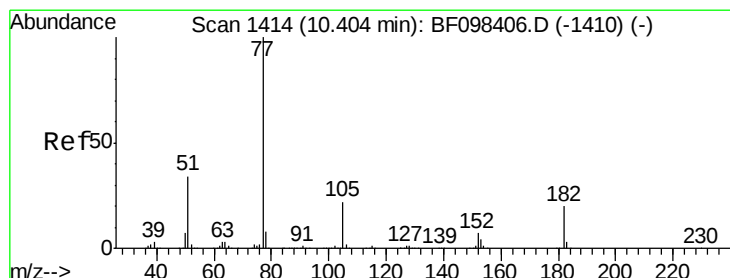
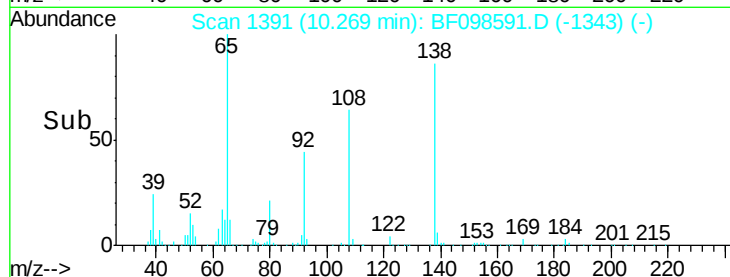
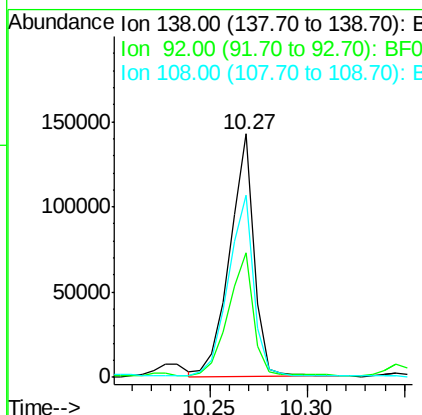
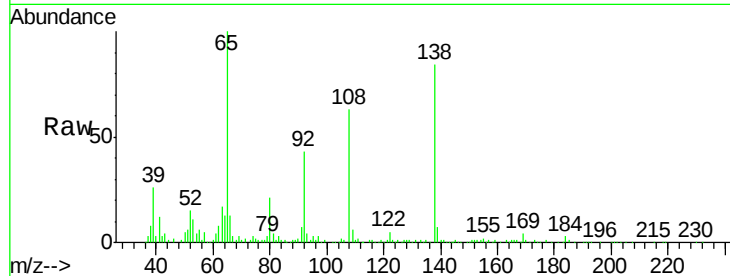
#61
4-Nitroaniline
Concen: 29.500 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BF098591.D
Acq: 16 Sep 2017 1:43

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	122595		
92	51.1	21.8	61.8	
108	74.8	42.3	82.3	

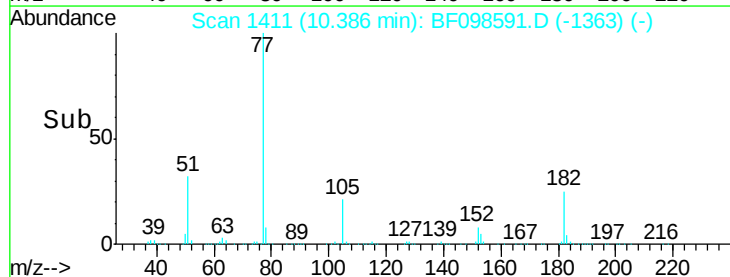
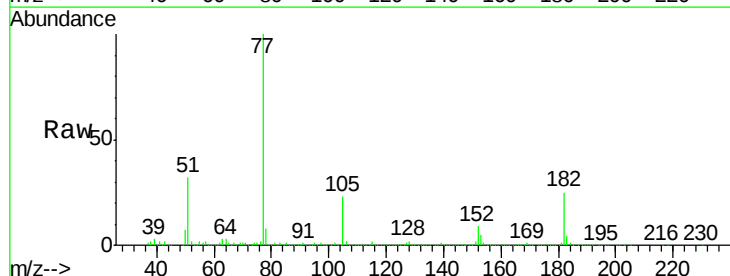
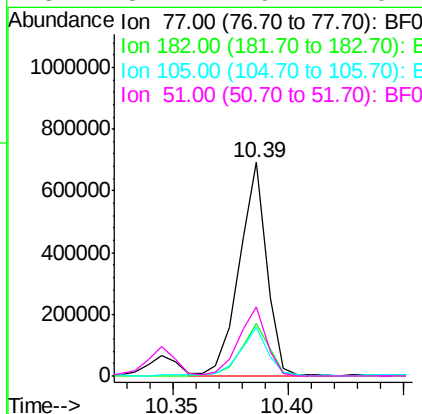
Manual Integrations
APPROVED

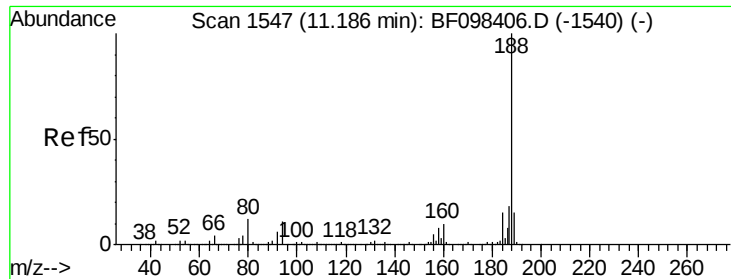
Sohil
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#62
Azobenzene
Concen: 33.577 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BF098591.D
Acq: 16 Sep 2017 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	571173		
182	24.5	0.1	40.1	
105	22.7	3.6	43.6	
51	32.4	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: BF098591.D

Acq: 16 Sep 2017 1:43

Instrument :

BNA_F

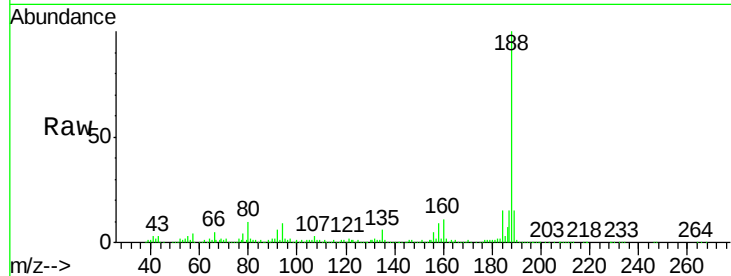
ClientSampleId :

SOIL-STOCKPILE-INSIDEMSD

Tgt Ion:	188	Resp:	351941
Ion Ratio	Lower	Upper	
188	100		
94	9.4	9.4	14.2#
80	10.2	10.2	15.2

Manual Integrations
APPROVED

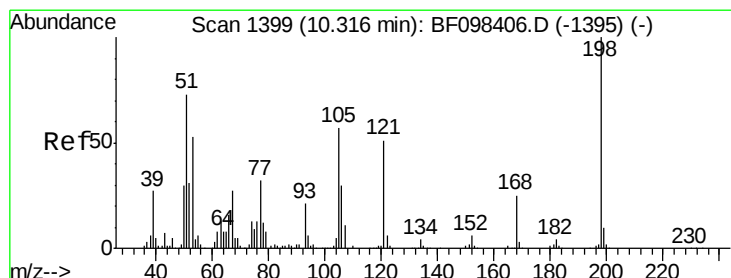
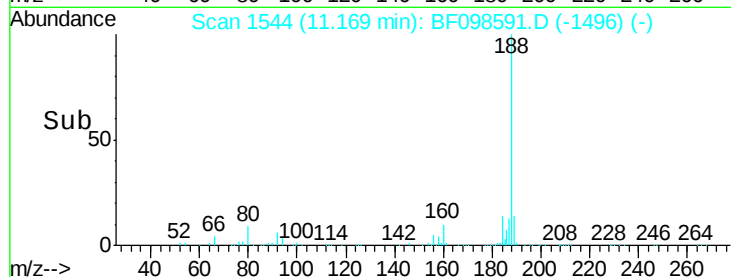
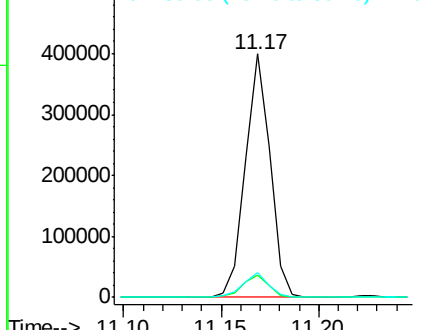
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 14.951 ng

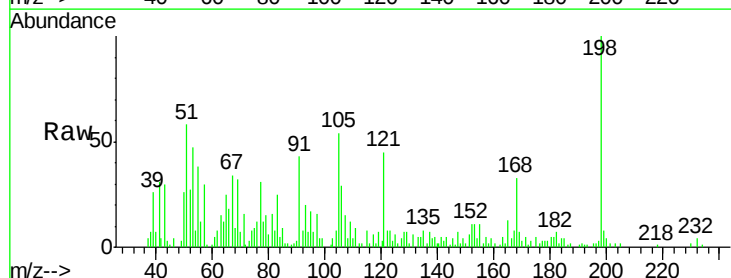
RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF098591.D

Acq: 16 Sep 2017 1:43

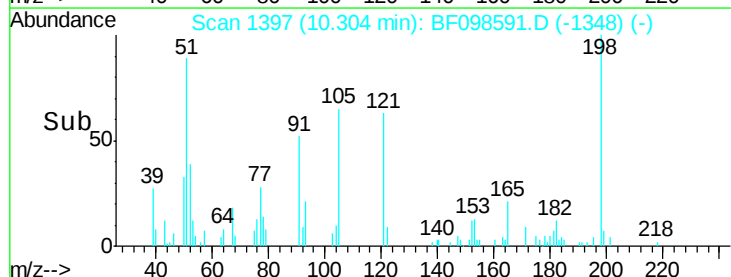
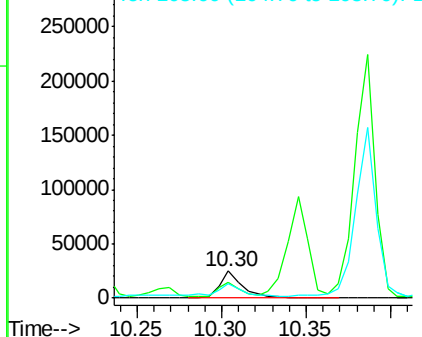
Tgt Ion:	198	Resp:	24045
Ion Ratio	Lower	Upper	
198	100		
51	57.7	53.2	93.2
105	54.3	45.8	85.8

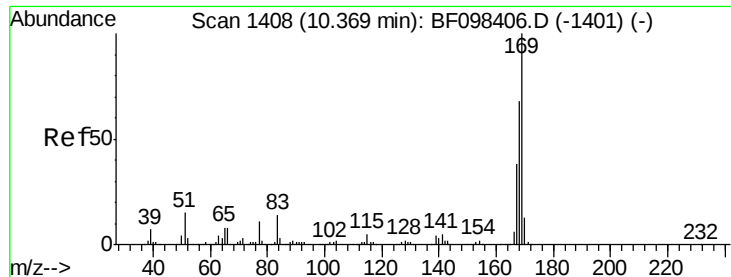


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.258 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.02 min

Lab File: BF098591.D

Acq: 16 Sep 2017 1:43

Instrument :

BNA_F

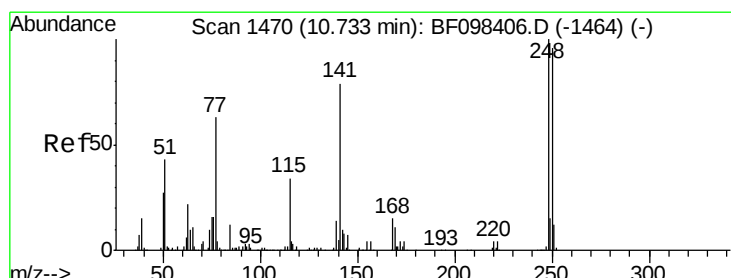
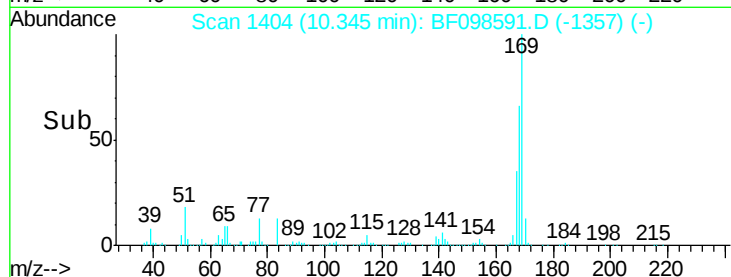
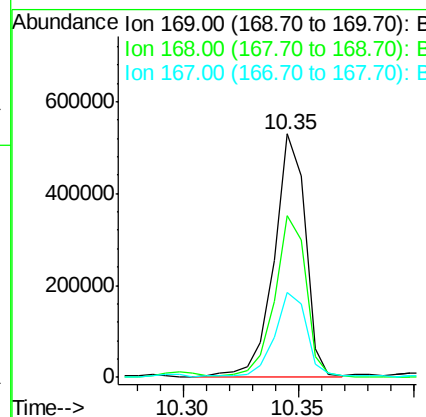
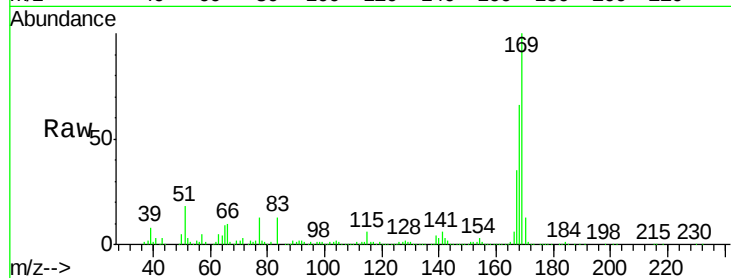
ClientSampleId :

SOIL-STOCKPILE-INSIDEMSD

Tgt Ion:	169	Resp:	494344
Ion Ratio	Lower	Upper	
169	100		
168	66.3	53.2	79.8
167	34.8	29.5	44.3

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 43.157 ng

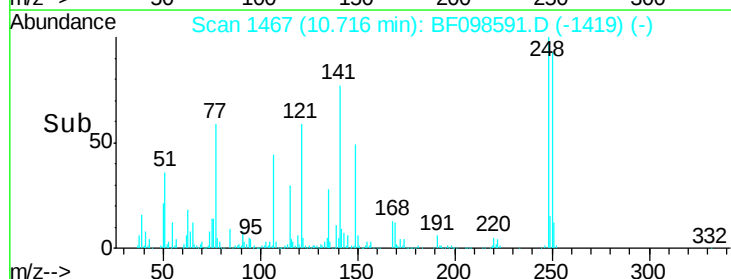
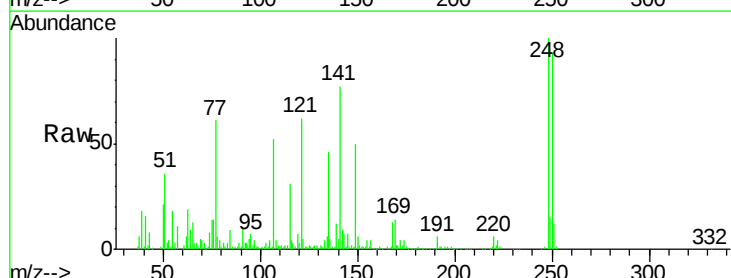
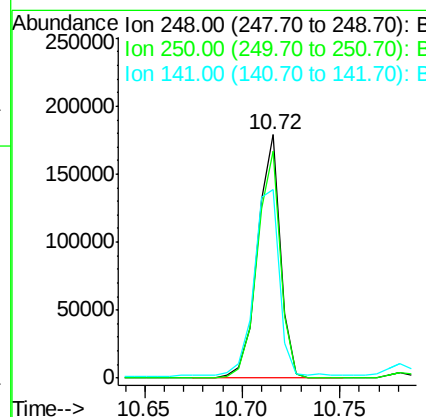
RT: 10.72 min Scan# 1467

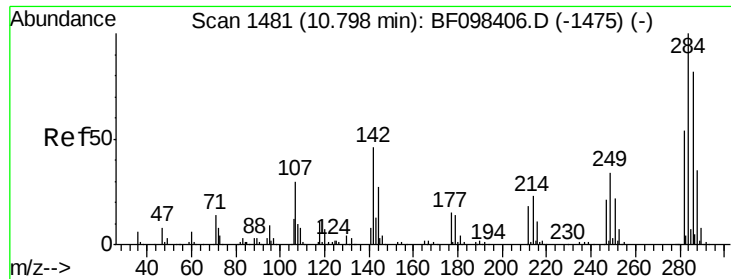
Delta R.T. -0.02 min

Lab File: BF098591.D

Acq: 16 Sep 2017 1:43

Tgt Ion:	248	Resp:	144155
Ion Ratio	Lower	Upper	
248	100		
250	93.0	76.8	115.2
141	77.4	68.6	103.0





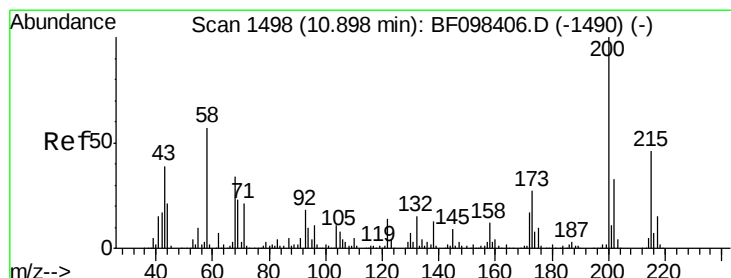
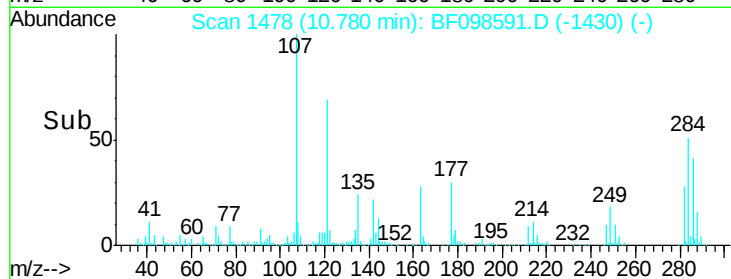
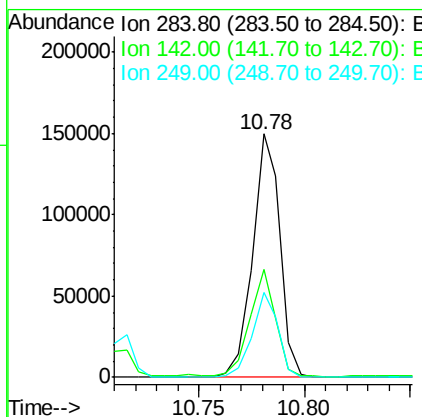
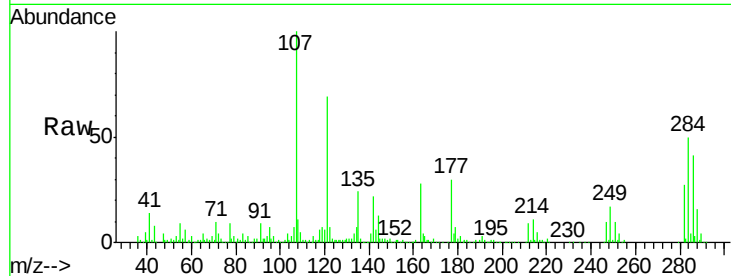
#67
Hexachlorobenzene
Concen: 39.584 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.02 min
Lab File: BF098591.D
Acq: 16 Sep 2017 1:43

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	44.4	22.8	34.2#
249	34.7	24.0	36.0

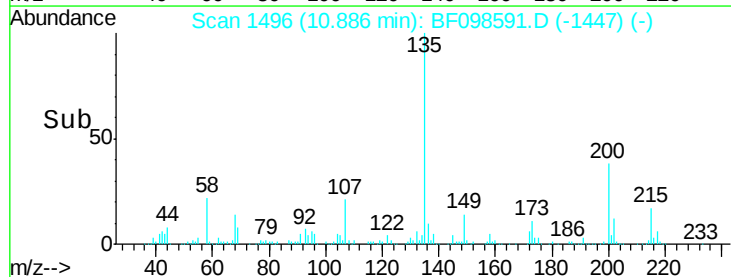
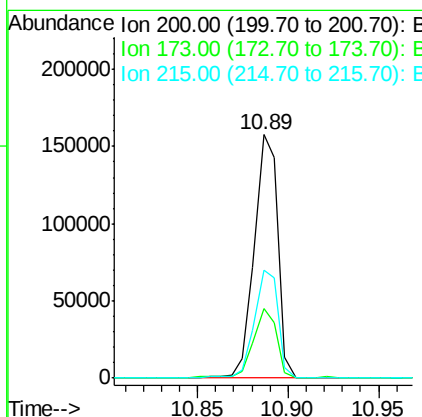
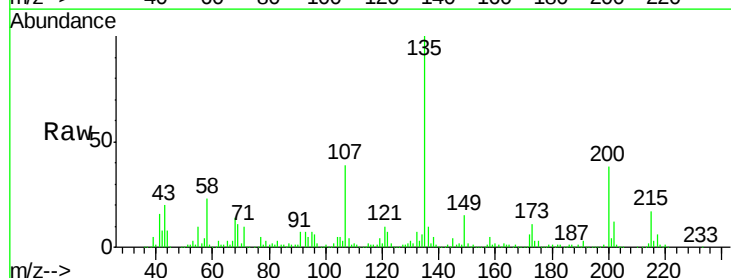
Manual Integrations
APPROVED

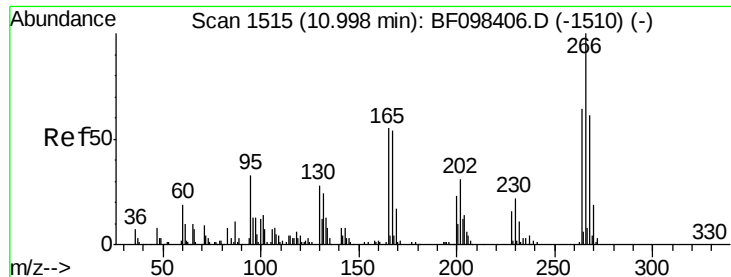
Sohil
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#68
Atrazine
Concen: 40.653 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF098591.D
Acq: 16 Sep 2017 1:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.4	6.3	46.3
215	44.5	27.2	67.2





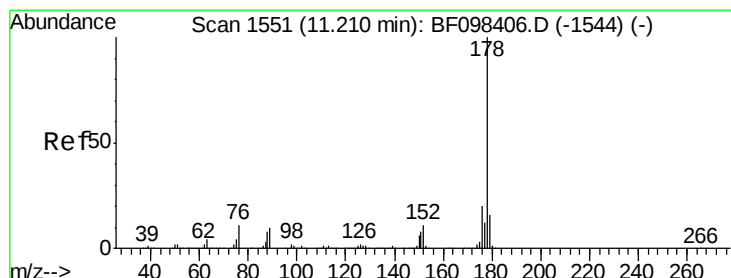
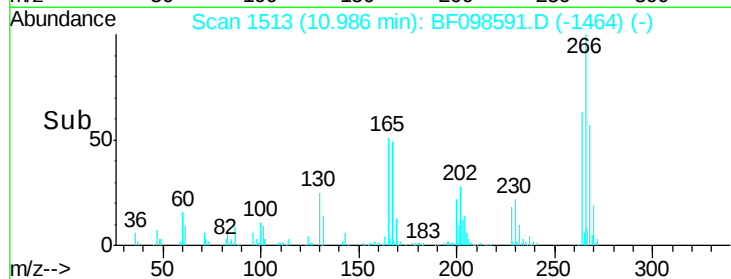
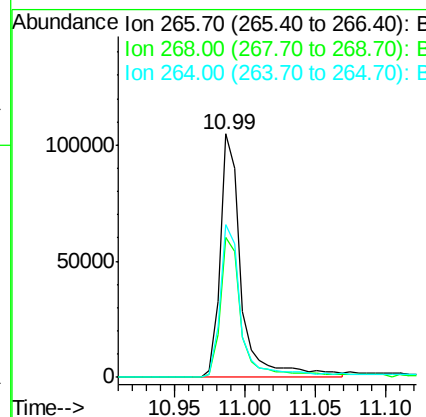
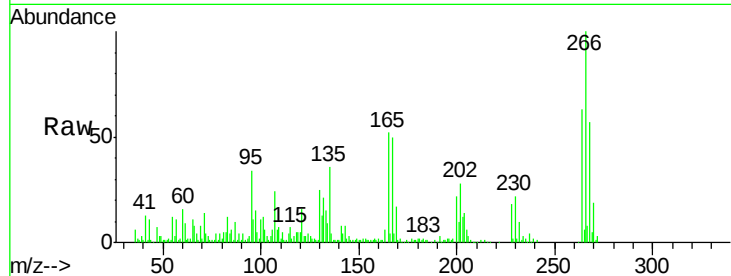
#69
 Pentachlorophenol
 Concen: 73.645 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF098591.D
 Acq: 16 Sep 2017 1:43

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	109548		
268	57.4		51.1	76.7
264	62.8		51.7	77.5

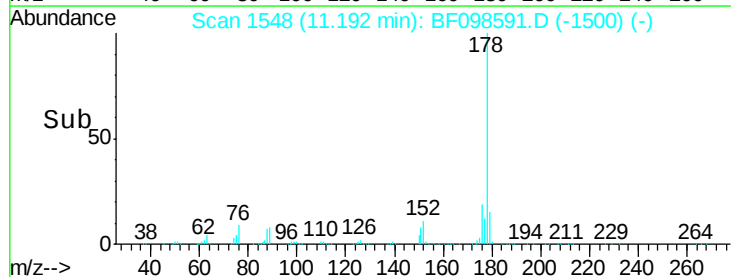
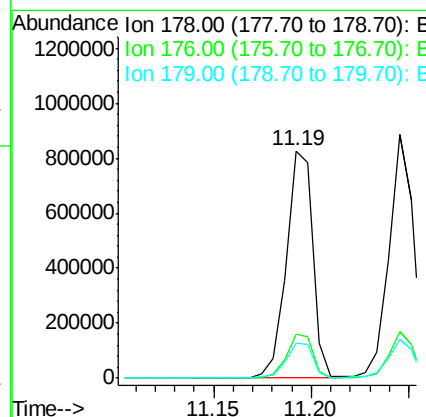
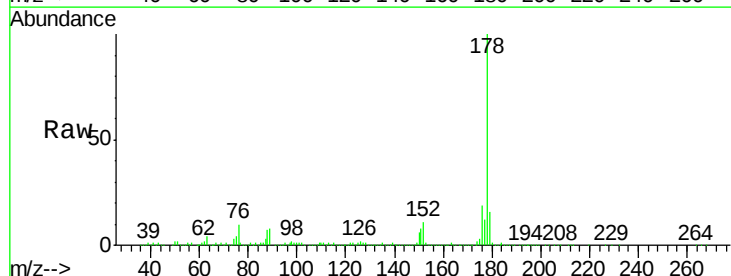
Manual Integrations
 APPROVED

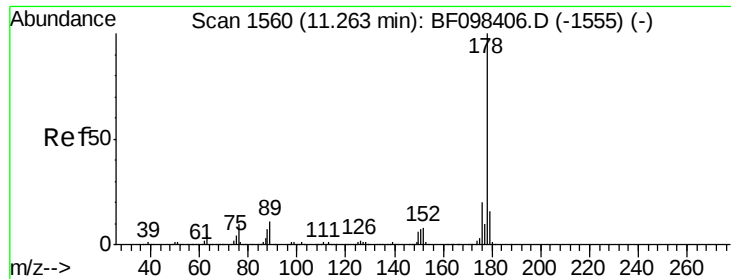
Sohil
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#70
 Phenanthrene
 Concen: 41.469 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF098591.D
 Acq: 16 Sep 2017 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	773704		
176	19.1		16.2	24.4
179	15.5		12.6	19.0





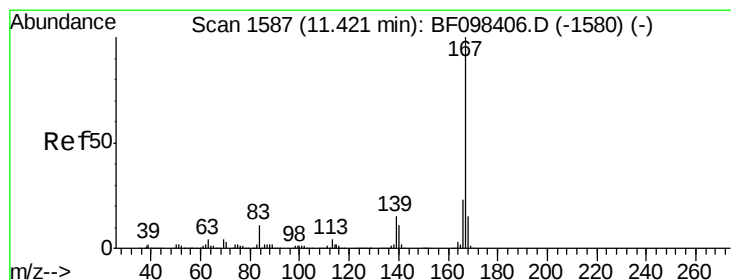
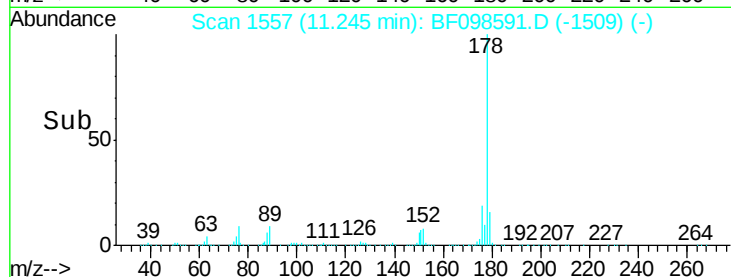
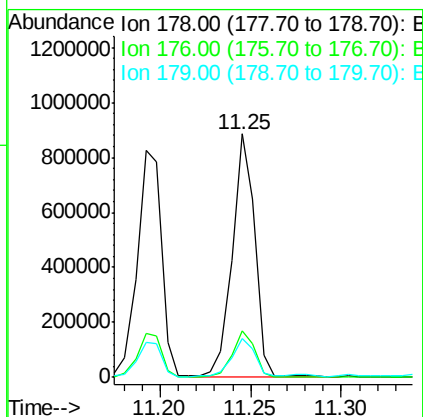
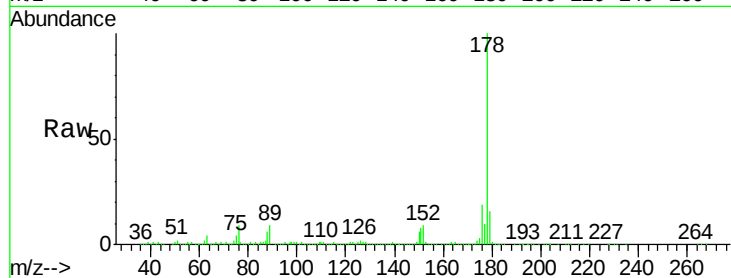
#71
 Anthracene
 Concen: 39.871 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.02 min
 Lab File: BF098591.D
 Acq: 16 Sep 2017 1:43

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.8	12.7	19.1

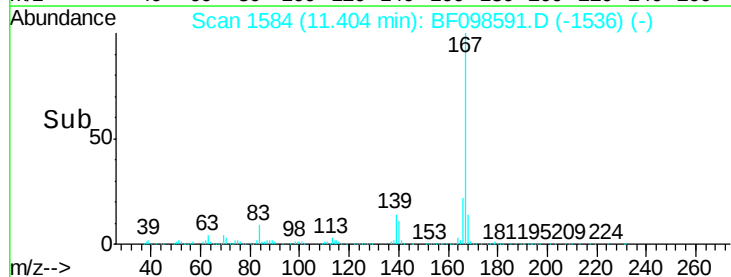
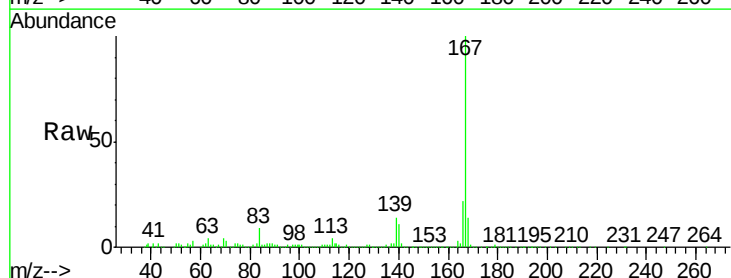
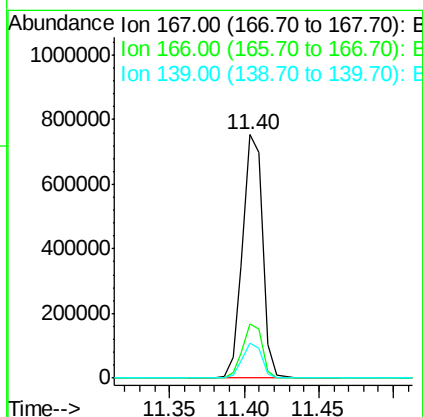
Manual Integrations
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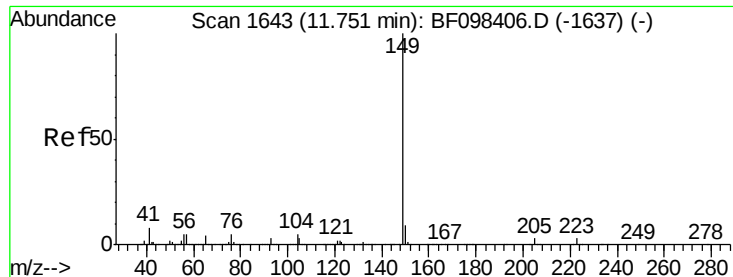
Sohil
 9/18/2017 3:35:10 PM



#72
 Carbazole
 Concen: 39.229 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.02 min
 Lab File: BF098591.D
 Acq: 16 Sep 2017 1:43

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	14.4	11.7	17.5





#73

Di-n-butylphthalate

Concen: 38.520 ng

RT: 11.73 min Scan# 1640

Delta R.T. -0.02 min

Lab File: BF098591.D

Acq: 16 Sep 2017 1:43

Instrument :

BNA_F

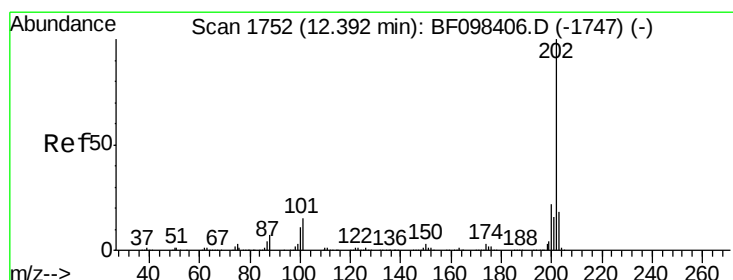
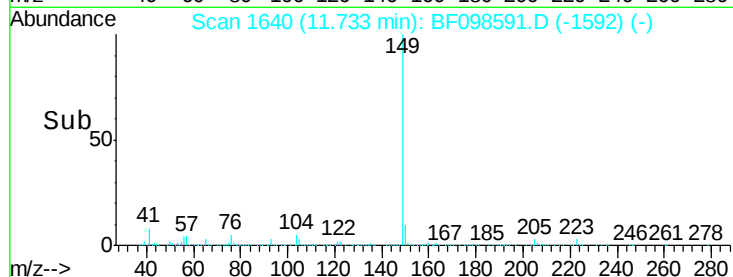
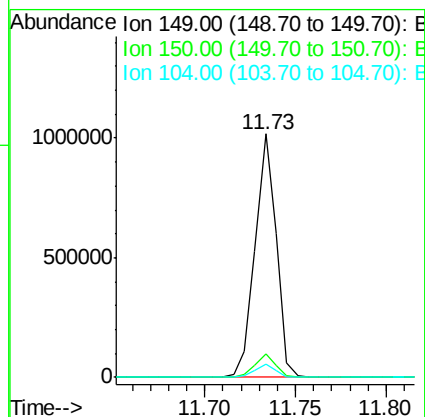
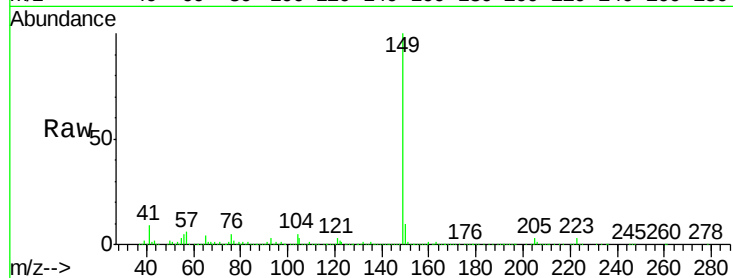
ClientSampleId :

SOIL-STOCKPILE-INSIDEMSD

Tgt Ion:	149	Resp:	823932
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.7	11.5
104	5.2	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 38.155 ng

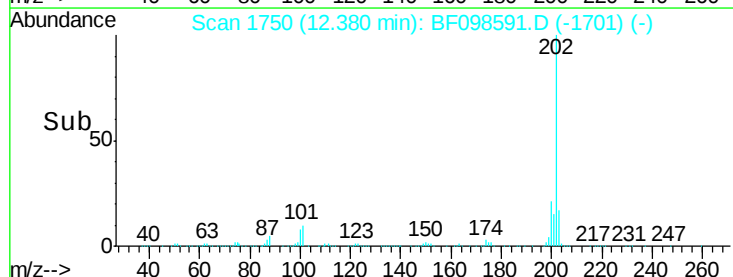
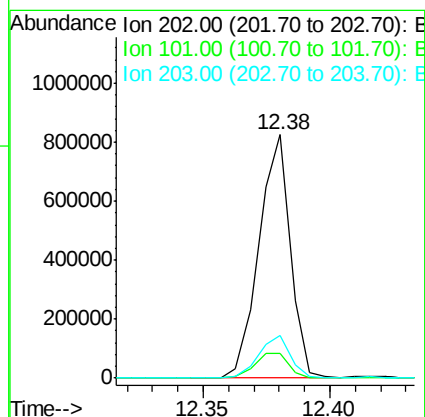
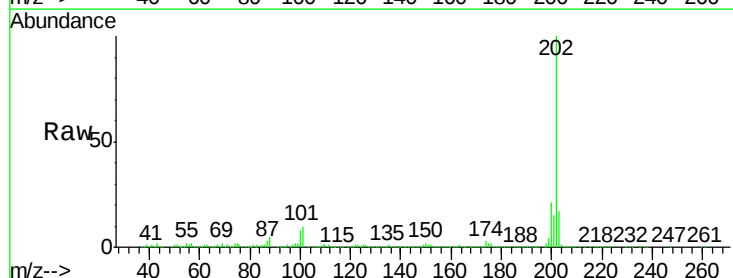
RT: 12.38 min Scan# 1750

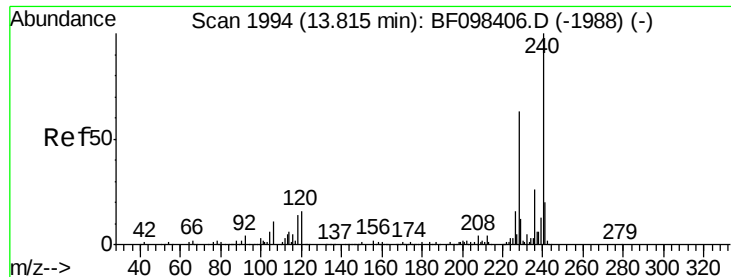
Delta R.T. -0.01 min

Lab File: BF098591.D

Acq: 16 Sep 2017 1:43

Tgt Ion:	202	Resp:	712634
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	33.2
203	17.5	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: BF098591.D

Acq: 16 Sep 2017 1:43

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-INSIDEMSD

Tgt Ion: 240 Resp: 246838

Ion Ratio Lower Upper

240 100

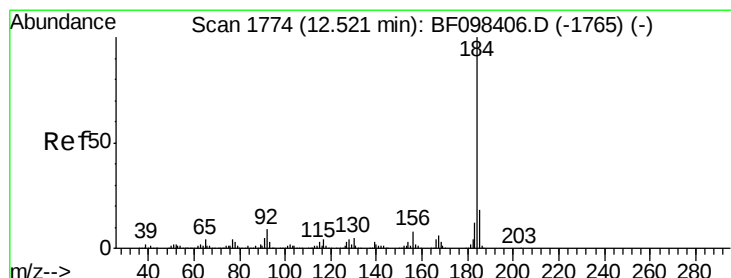
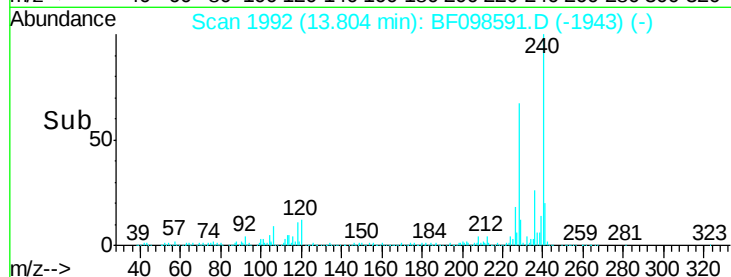
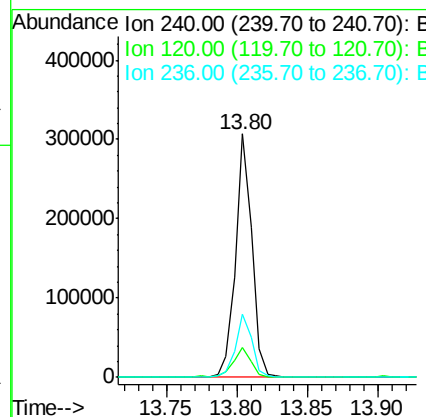
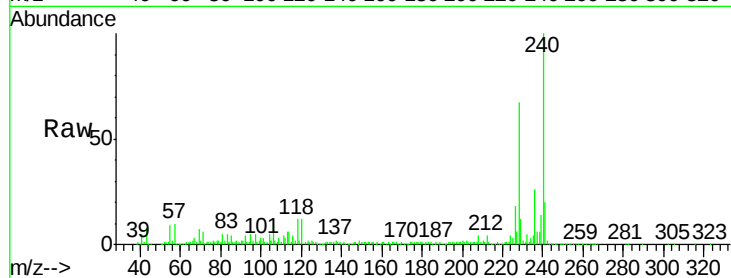
120 12.4 5.8 8.8#

236 25.9 20.5 30.7

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#76

Benzidine

Concen: 0.992 ng

RT: 12.51 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF098591.D

Acq: 16 Sep 2017 1:43

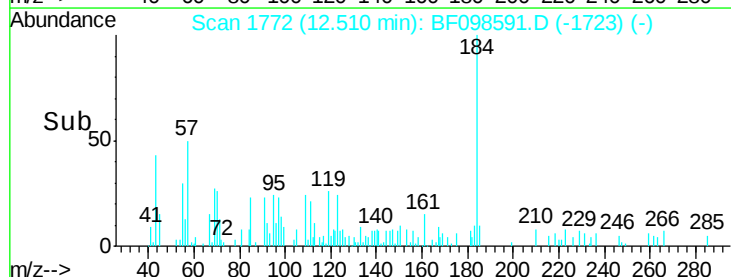
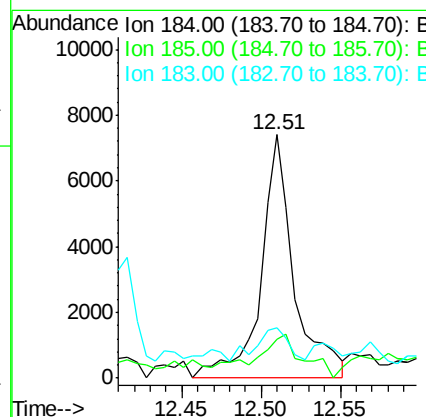
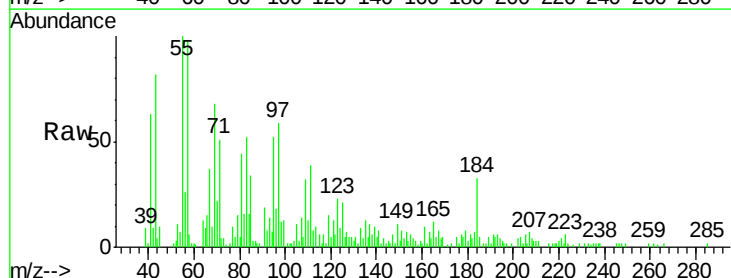
Tgt Ion: 184 Resp: 10835

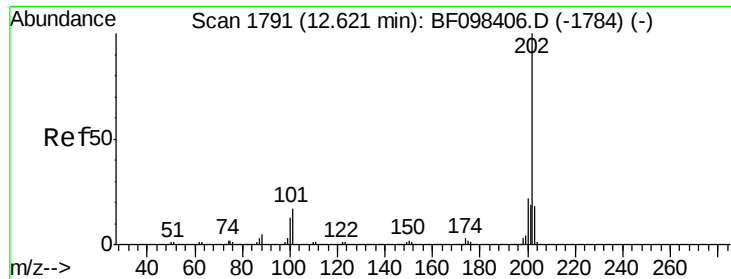
Ion Ratio Lower Upper

184 100

185 15.9 15.5 23.3

183 20.6 9.8 14.6#





#77

Pyrene

Concen: 39.486 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.02 min

Lab File: BF098591.D

Acq: 16 Sep 2017 1:43

Instrument :

BNA_F

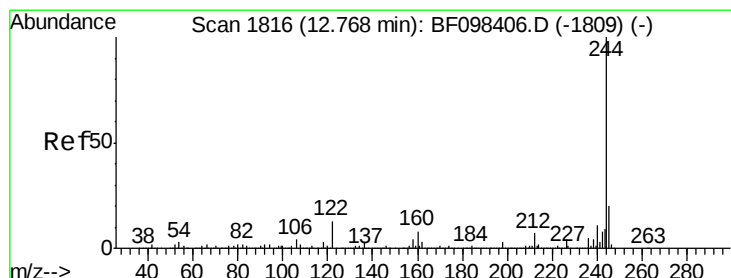
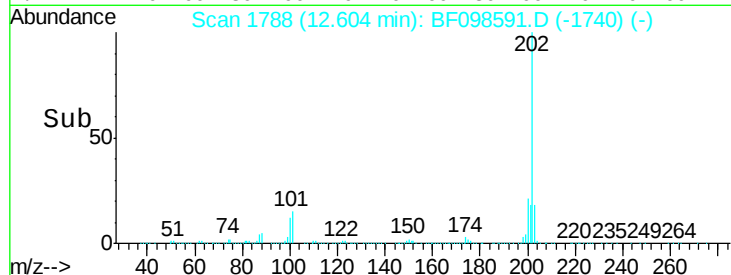
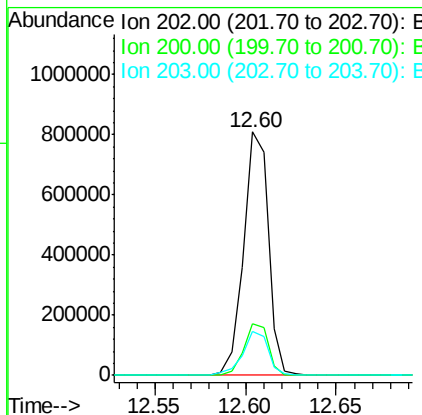
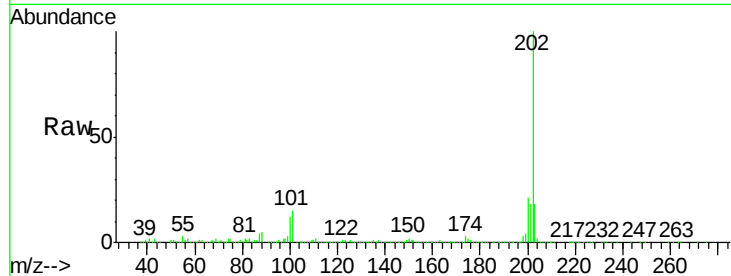
ClientSampleId :

SOIL-STOCKPILE-INSIDEMSD

Tgt Ion:	202	Resp:	768874
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.6	26.4
203	17.8	14.4	21.6

Manual Integrations
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#78

Terphenyl-d14

Concen: 56.632 ng

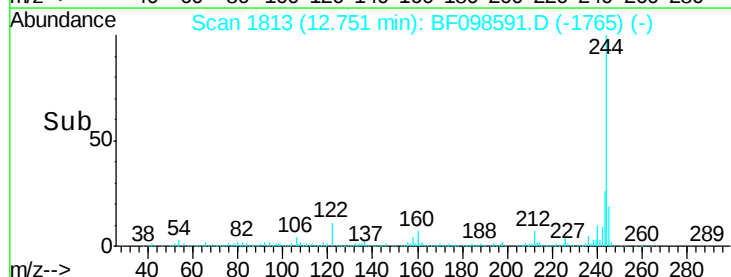
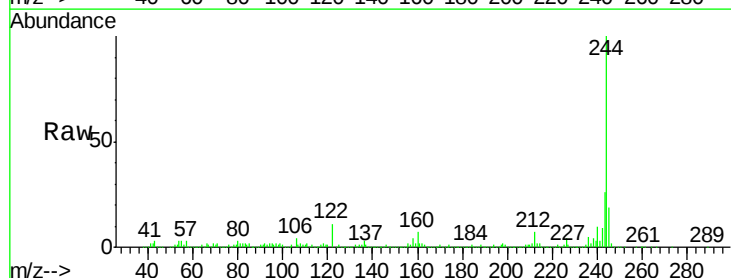
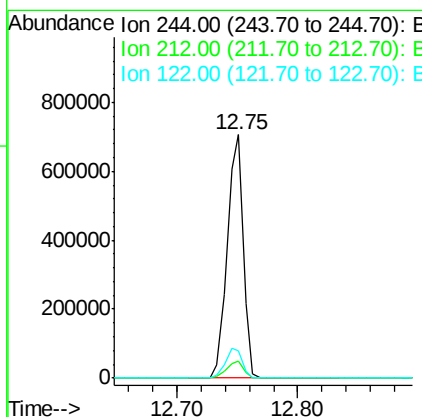
RT: 12.75 min Scan# 1813

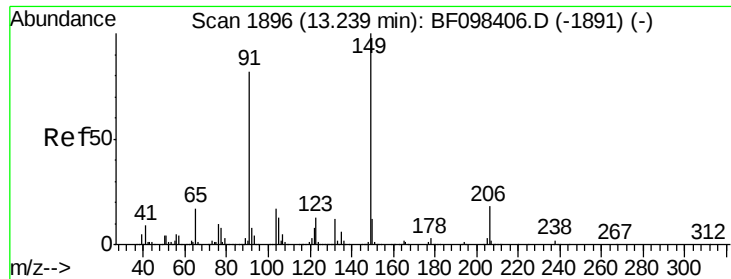
Delta R.T. -0.02 min

Lab File: BF098591.D

Acq: 16 Sep 2017 1:43

Tgt Ion:	244	Resp:	647632
Ion Ratio	Lower	Upper	
244	100		
212	7.1	6.0	9.0
122	11.0	10.3	15.5





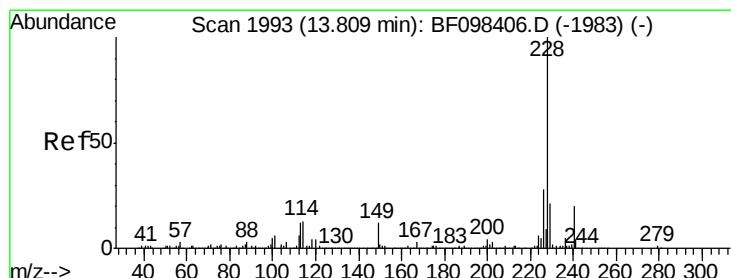
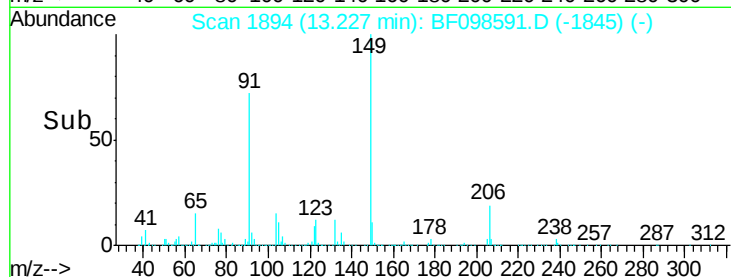
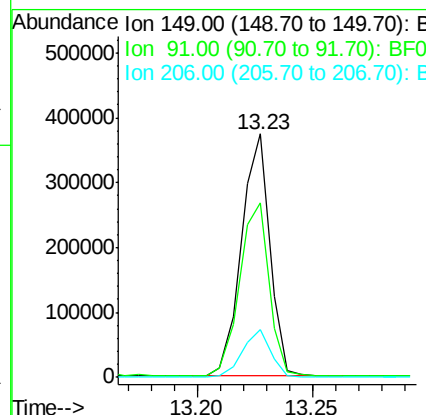
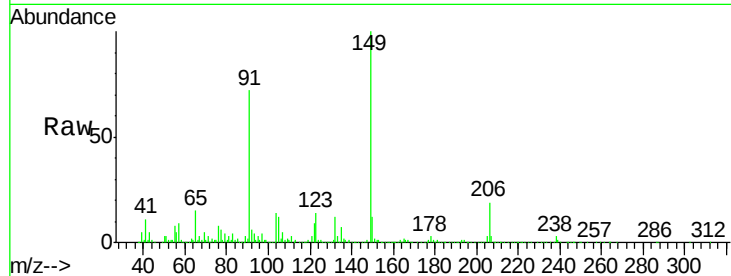
#79
Butylbenzylphthalate
Concen: 37.946 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BF098591.D
Acq: 16 Sep 2017 1:43

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	71.8	45.0	67.4#
206	19.4	17.0	25.6

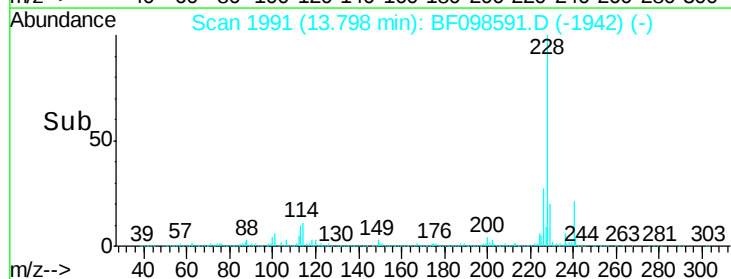
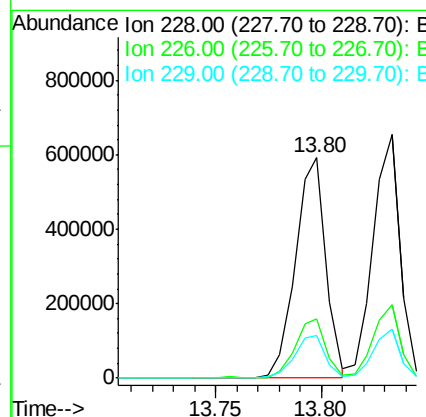
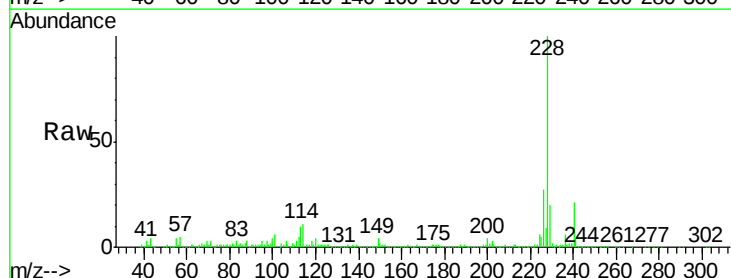
Manual Integrations
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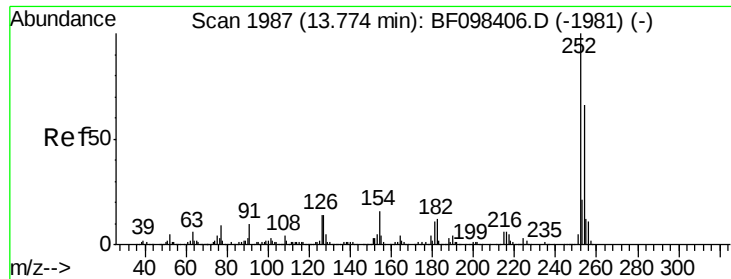
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#80
Benzo(a)anthracene
Concen: 40.917 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF098591.D
Acq: 16 Sep 2017 1:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.1	22.6	33.8
229	19.6	16.3	24.5





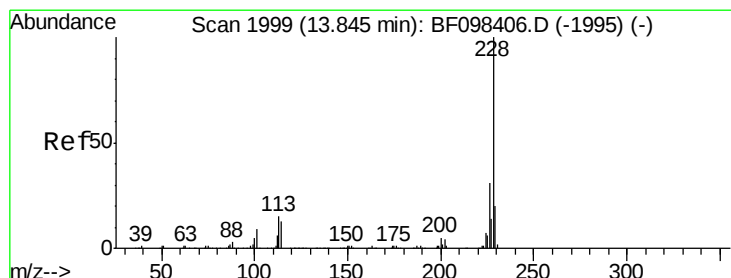
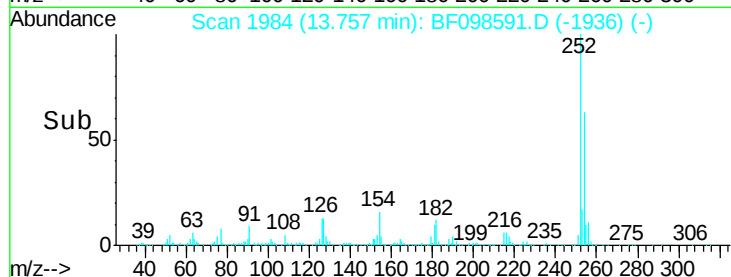
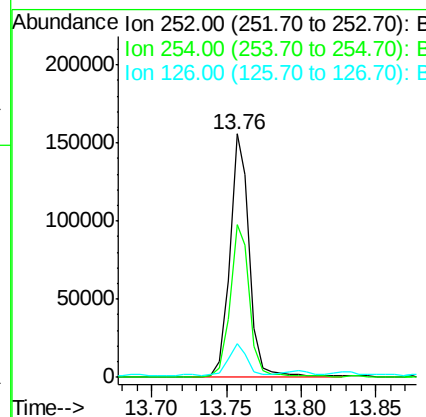
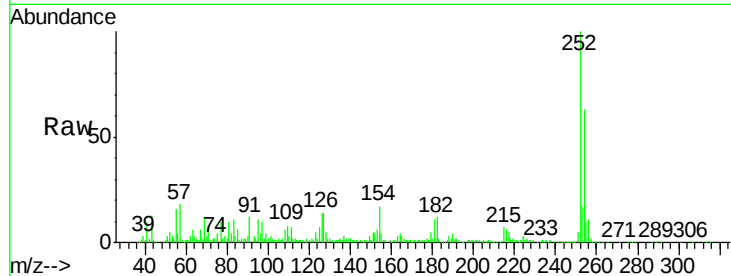
#81
 3,3'-Dichlorobenzidine
 Concen: 25.767 ng
 RT: 13.76 min Scan# 1984
 Delta R.T. -0.02 min
 Lab File: BF098591.D
 Acq: 16 Sep 2017 1:43

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.5	77.3
126	13.9	15.8	23.8

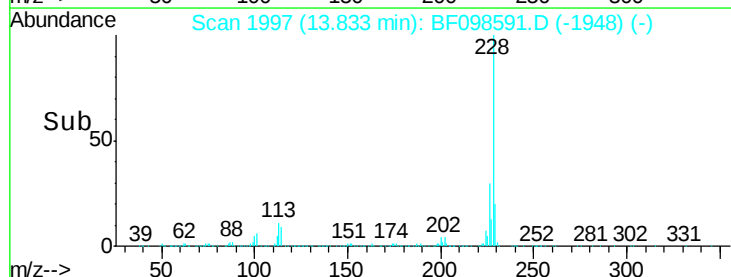
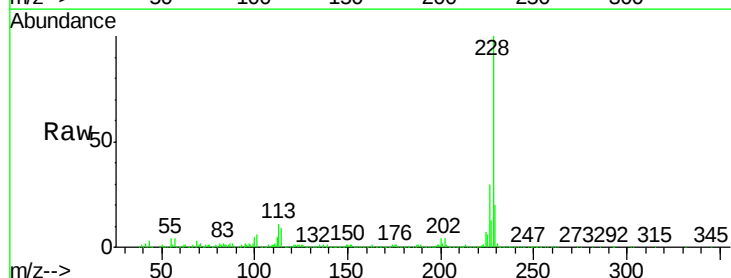
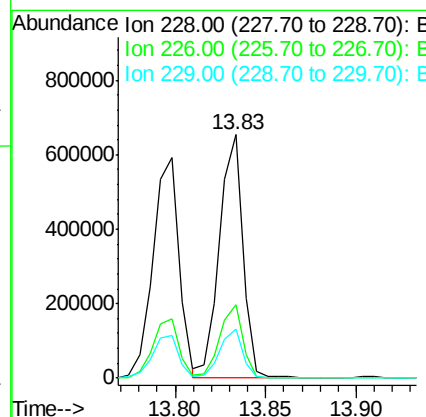
Manual Integrations
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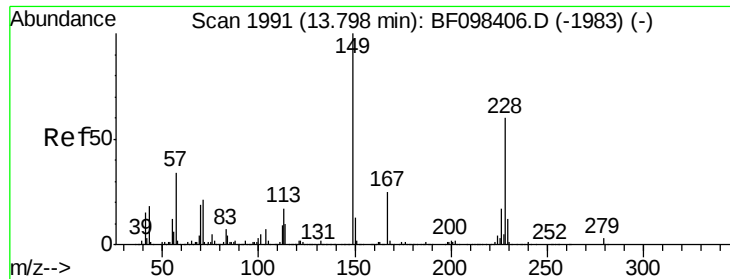
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#82
 Chrysene
 Concen: 40.199 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF098591.D
 Acq: 16 Sep 2017 1:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	20.1	15.8	23.6





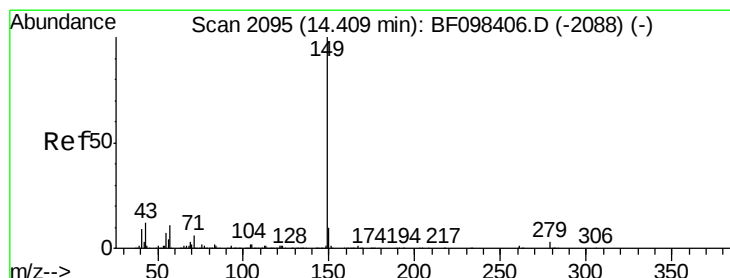
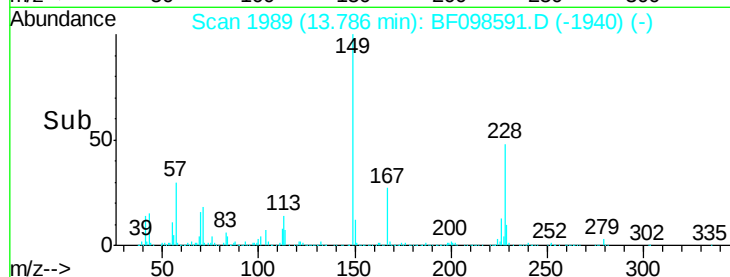
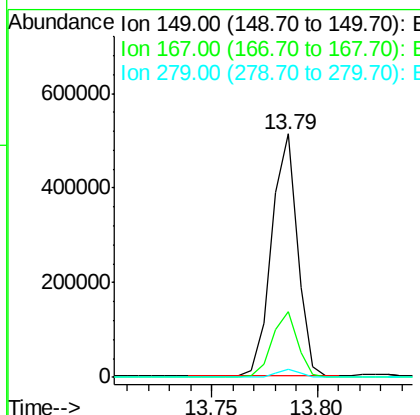
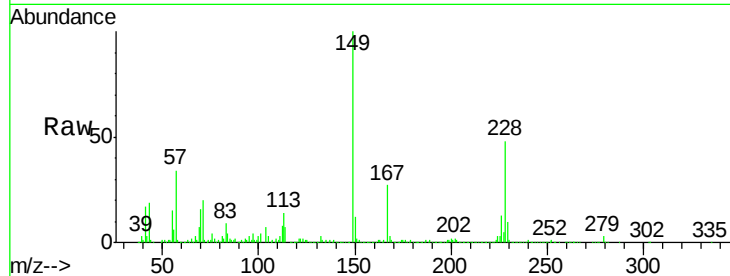
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.089 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BF098591.D
 Acq: 16 Sep 2017 1:43

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	435621		
167	27.2	21.0	31.4	
279	3.2	1.9	2.9#	

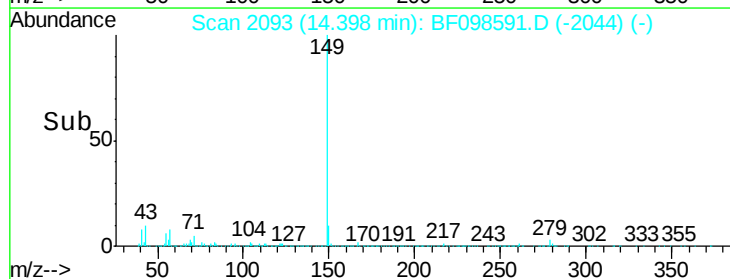
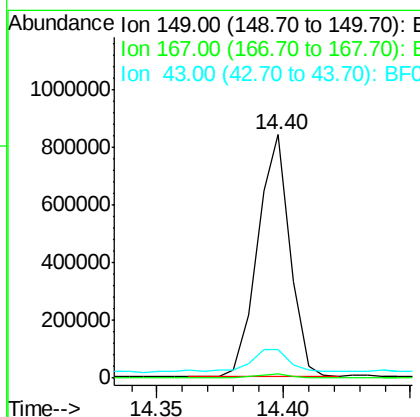
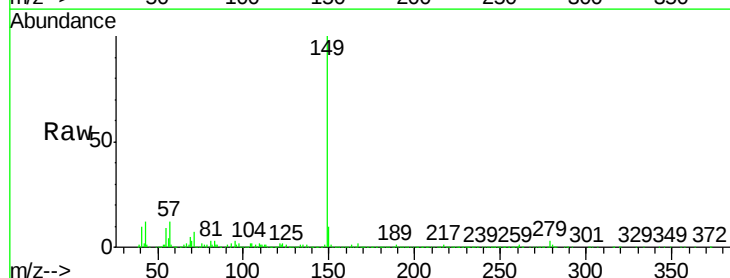
Manual Integrations
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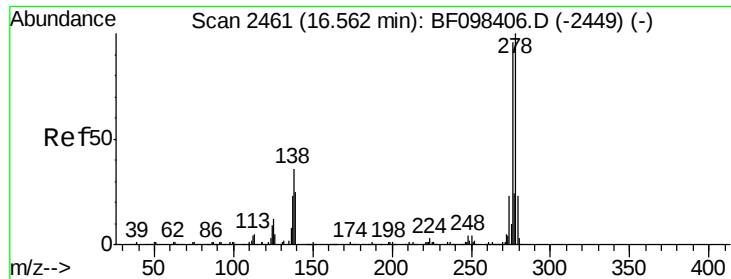
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 40.819 ng
 RT: 14.40 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: BF098591.D
 Acq: 16 Sep 2017 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	742485		
167	1.6	1.2	1.8	
43	13.4	8.5	12.7#	





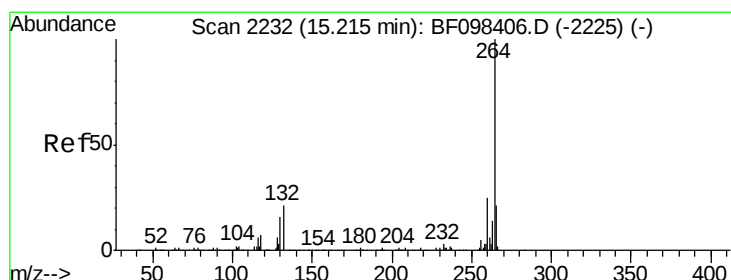
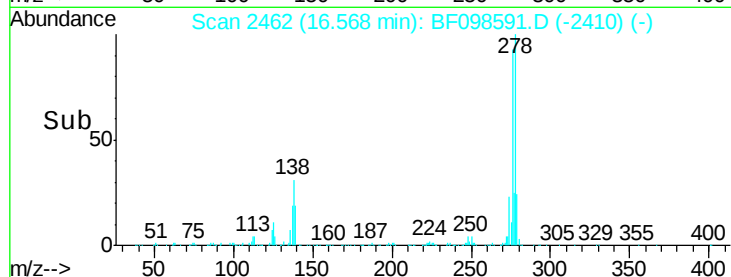
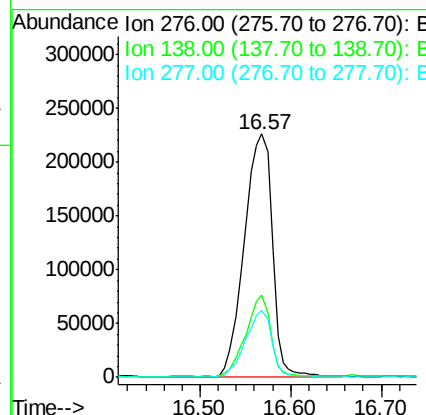
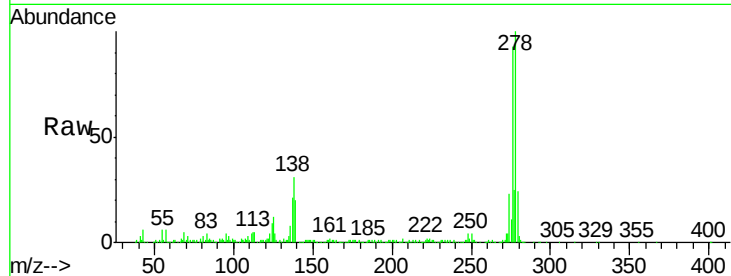
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.590 ng
 RT: 16.57 min Scan# 2462
 Delta R.T. 0.01 min
 Lab File: BF098591.D
 Acq: 16 Sep 2017 1:43

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	488420		
138	29.2		27.8	41.6
277	26.2		20.2	30.4

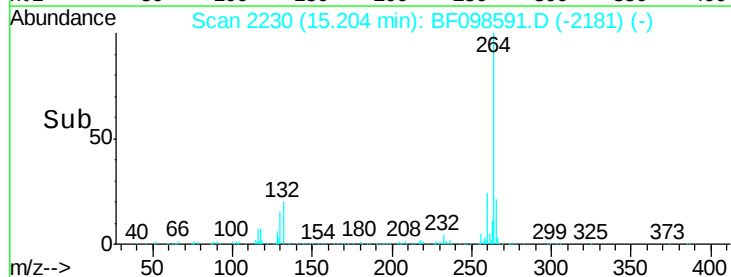
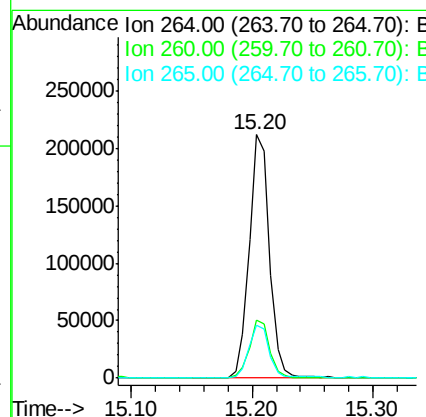
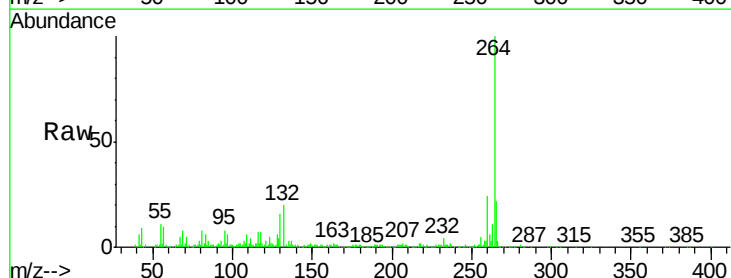
Manual Integrations
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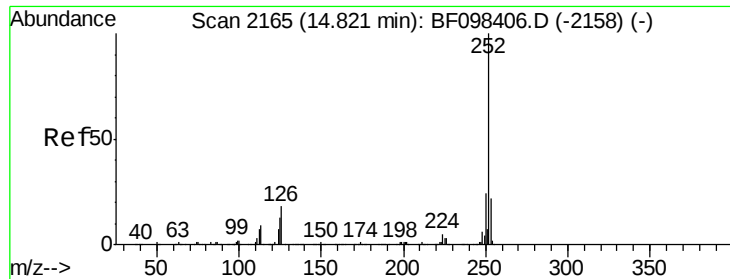
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.20 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BF098591.D
 Acq: 16 Sep 2017 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	250137		
260	23.8		19.5	29.3
265	21.5		17.2	25.8





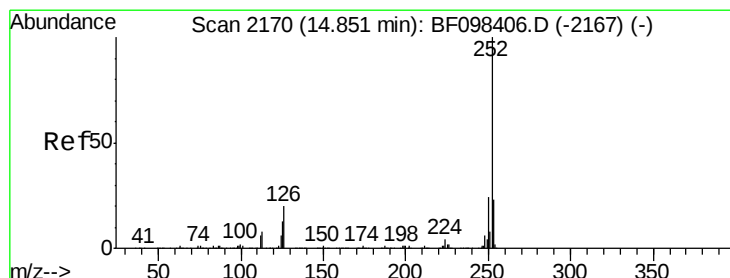
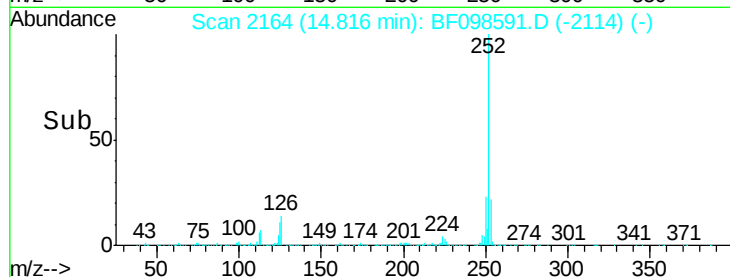
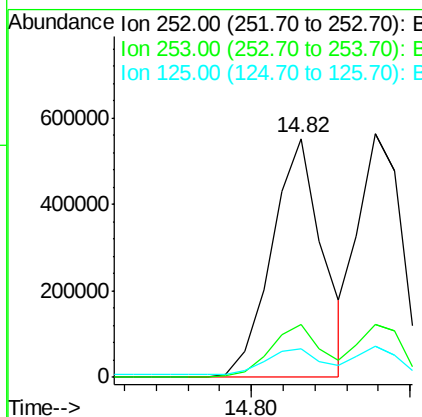
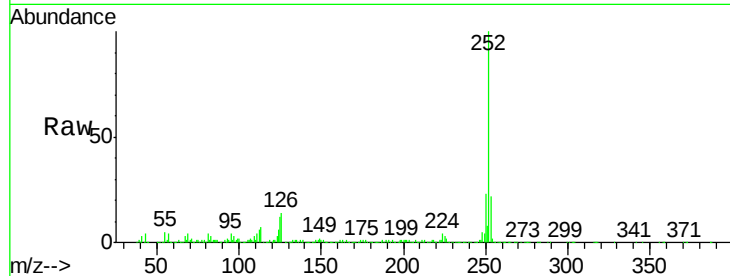
#87
Benzo(b)fluoranthene
Concen: 39.167 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF098591.D
Acq: 16 Sep 2017 1:43

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	12.0	9.8	14.8

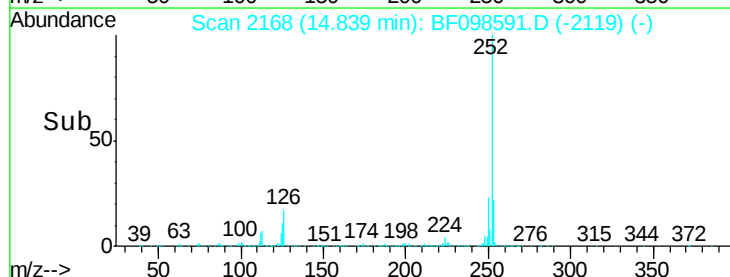
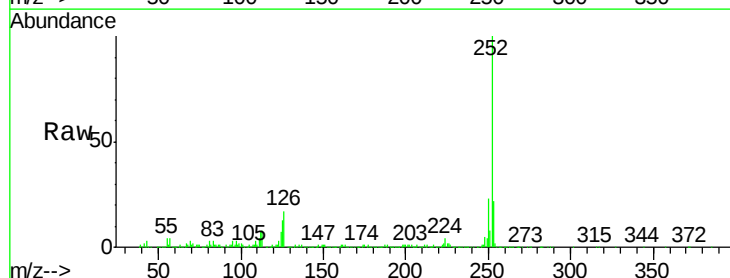
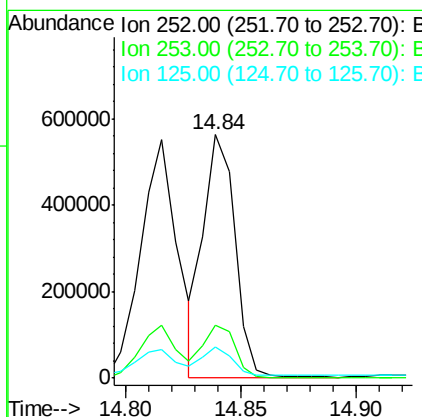
Manual Integrations
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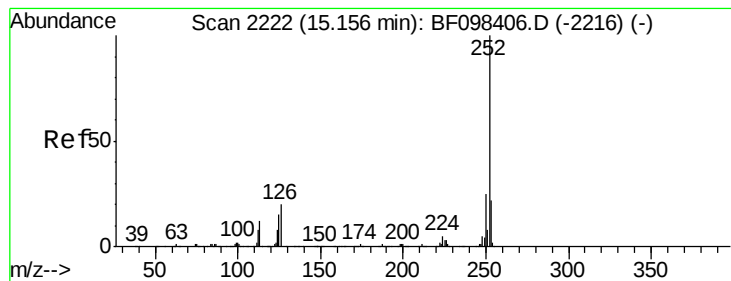
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#88
Benzo(k)fluoranthene
Concen: 36.330 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF098591.D
Acq: 16 Sep 2017 1:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	12.7	13.1	19.7#





#89

Benzo(a)pyrene

Concen: 39.358 ng

RT: 15.15 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BF098591.D

Acq: 16 Sep 2017 1:43

Instrument :

BNA_F

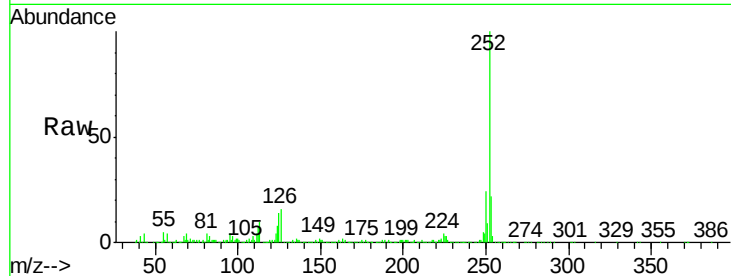
ClientSampleId :

SOIL-STOCKPILE-INSIDEMSD

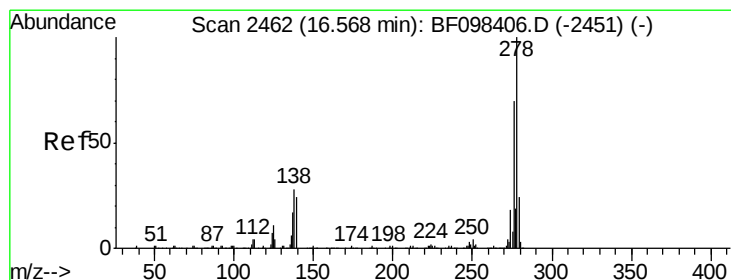
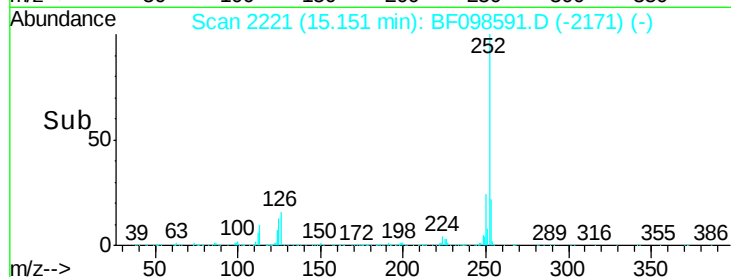
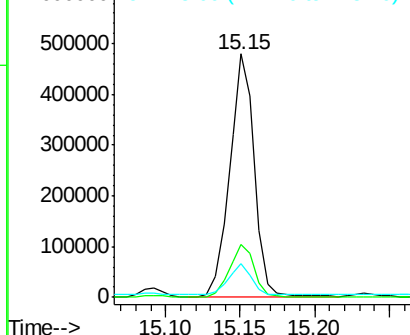
Tgt Ion:	252	Resp:	551477
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.5	26.3
125	13.8	11.0	16.4

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.946 ng

RT: 16.57 min Scan# 2463

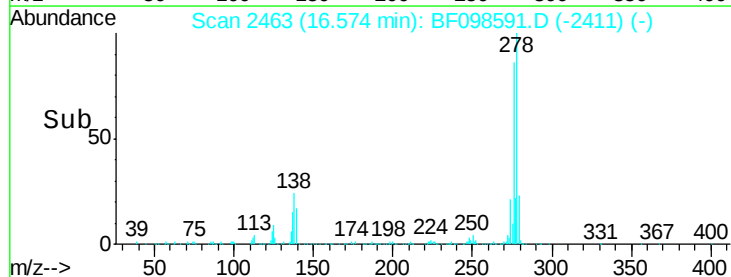
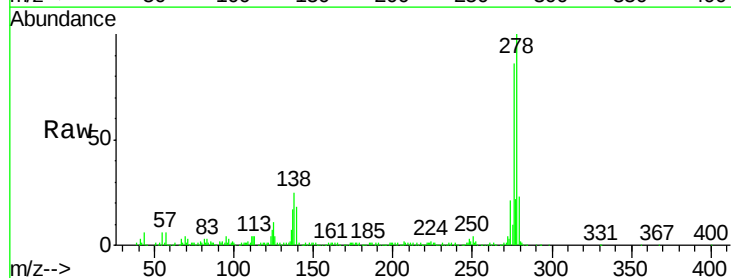
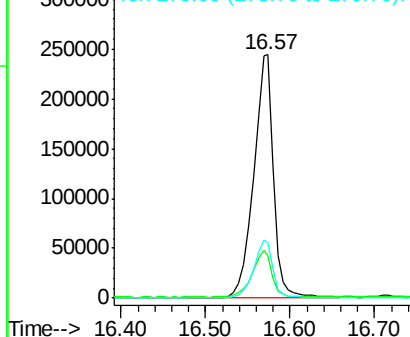
Delta R.T. 0.01 min

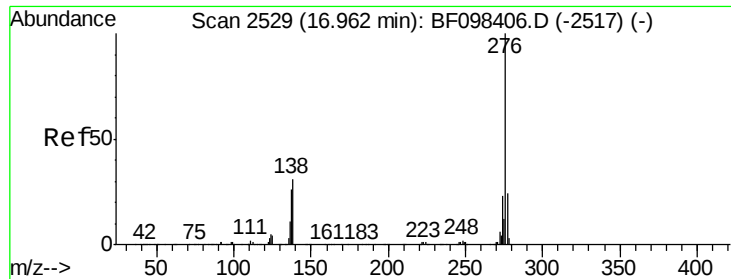
Lab File: BF098591.D

Acq: 16 Sep 2017 1:43

Tgt Ion:	278	Resp:	407158
Ion Ratio	Lower	Upper	
278	100		
139	17.6	16.6	24.8
279	23.0	19.3	28.9

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 37.760 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. 0.01 min
 Lab File: BF098591.D
 Acq: 16 Sep 2017 1:43

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-INSIDEMSD

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	22.3	18.6	28.0
138	24.5	25.4	38.0#

Manual Integrations
 APPROVED

Sohil
 9/18/2017 3:35:10 PM

