

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
 Data File : BF100730.D
 Acq On : 20 Nov 2017 15:10
 Operator : SJ/JU
 Sample : IDOC-SOIL-04
 Misc : For Mohd. Javed
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-SOIL-04

Manual Integrations
 APPROVED

SOHIL
 11/21/2017 2:15:14 PM

Quant Time: Nov 21 03:46:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	87363	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	344401	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	160731	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	304067	20.00	ng	0.00
75) Chrysene-d12	14.03	240	163482	20.00	ng	-0.01
86) Perylene-d12	15.50	264	174309	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	566353	103.92	ng	0.00
7) Phenol-d6	6.50	99	680654	101.28	ng	0.00
23) Nitrobenzene-d5	7.43	82	422945	81.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	187589	114.53	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	890010	84.32	ng	-0.01
78) Terphenyl-d14	12.98	244	715838	100.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	74727	28.136	ng	95
3) Pyridine	3.50	79	208737	28.807	ng	96
4) n-Nitrosodimethylamine	3.46	42	98804	28.084	ng	# 95
6) Aniline	6.53	93	106331	11.199	ng	99
8) 2-Chlorophenol	6.66	128	206875	35.881	ng	98
9) Benzaldehyde	6.42	77	82104	17.107	ng	93
10) Phenol	6.52	94	243326	34.489	ng	95
11) bis(2-Chloroethyl)ether	6.61	93	187475	31.636	ng	99
12) 1,3-Dichlorobenzene	6.81	146	237607	35.745	ng	96
13) 1,4-Dichlorobenzene	6.89	146	237479	35.298	ng	98
14) 1,2-Dichlorobenzene	7.04	146	223411	35.915	ng	98
15) Benzyl Alcohol	7.01	79	177449	33.831	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	330886	34.911	ng	98
17) 2-Methylphenol	7.12	107	176026	35.726	ng	98
18) Hexachloroethane	7.38	117	77415	34.899	ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	139294	29.887	ng	96
20) 3+4-Methylphenols	7.27	107	214156	34.348	ng	# 88
22) Acetophenone	7.28	105	275994	32.864	ng	# 98
24) Nitrobenzene	7.45	77	207343	38.672	ng	98
25) Isophorone	7.69	82	382528	34.944	ng	98
26) 2-Nitrophenol	7.77	139	114988	45.995	ng	92
27) 2,4-Dimethylphenol	7.80	122	193820	39.497	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	242876	33.919	ng	99
29) 2,4-Dichlorophenol	8.01	162	184754	39.438	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	191912	37.872	ng	95
31) Naphthalene	8.17	128	602761	36.337	ng	100
32) Benzoic acid	7.89	122	54437m	21.029	ng	
33) 4-Chloroaniline	8.22	127	60969	8.830	ng	96
34) Hexachlorobutadiene	8.29	225	110027	36.518	ng	98
35) Caprolactam	8.59	113	50286m	31.278	ng	
36) 4-Chloro-3-methylphenol	8.70	107	182070	36.187	ng	95
37) 2-Methylnaphthalene	8.87	142	417300	37.892	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	196042	36.776	ng	# 97
40) Hexachlorocyclopentadiene	9.02	237	166708	66.448	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	135450	40.092	ng	96
43) 2,4,5-Trichlorophenol	9.19	196	136288	38.935	ng	# 89
45) 1,1'-Biphenyl	9.33	154	494589	35.578	ng	98
46) 2-Chloronaphthalene	9.36	162	389239	38.596	ng	96
47) 2-Nitroaniline	9.45	65	110693	37.775	ng	98
48) Acenaphthylene	9.77	152	588823	35.231	ng	99
49) Dimethylphthalate	9.63	163	440806	35.920	ng	100
50) 2,6-Dinitrotoluene	9.69	165	99711	41.047	ng	91
51) Acenaphthene	9.95	154	362637	35.676	ng	99
52) 3-Nitroaniline	9.86	138	51464	17.941	ng	99
53) 2,4-Dinitrophenol	9.97	184	34089	43.100	ng	# 10
54) Dibenzofuran	10.12	168	523251	36.728	ng	98
55) 4-Nitrophenol	10.02	139	138583	59.499	ng	88
56) 2,4-Dinitrotoluene	10.10	165	127088	41.471	ng	# 88
57) Fluorene	10.46	166	402128	38.531	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	108938	37.973	ng	# 84
59) Diethylphthalate	10.33	149	421557	34.326	ng	97
60) 4-Chlorophenyl-phenylether	10.45	204	195447	38.175	ng	# 87
61) 4-Nitroaniline	10.47	138	92118	33.868	ng	88
62) Azobenzene	10.61	77	380040	32.857	ng	94
64) 4,6-Dinitro-2-methylphenol	10.50	198	37474	28.621	ng	75
65) n-Nitrosodiphenylamine	10.57	169	371736	35.160	ng	95
66) 4-Bromophenyl-phenylether	10.94	248	124166	38.093	ng	# 85
67) Hexachlorobenzene	11.00	284	130430	38.259	ng	# 90
68) Atrazine	11.09	200	116046	36.260	ng	97
69) Pentachlorophenol	11.20	266	110637	45.259	ng	99
70) Phenanthrene	11.42	178	586738	36.649	ng	99
71) Anthracene	11.47	178	604773	37.234	ng	99
72) Carbazole	11.63	167	508164	33.907	ng	99
73) Di-n-butylphthalate	11.95	149	638586	36.411	ng	99
74) Fluoranthene	12.61	202	564958	33.297	ng	96
76) Benzidine	12.73	184	107067	16.353	ng	97
77) Pyrene	12.84	202	553014	47.454	ng	98
79) Butylbenzylphthalate	13.45	149	209300	44.040	ng	90
80) Benzo(a)anthracene	14.02	228	377476	38.343	ng	98
81) 3,3'-Dichlorobenzidine	13.98	252	65141	18.468	ng	97
82) Chrysene	14.06	228	353121	37.040	ng	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	259713	41.549	ng	99
84) Di-n-octyl phthalate	14.62	149	383353	35.700	ng	98
85) Indeno(1,2,3-cd)pyrene	16.99	276	453390	58.797	ng	95
87) Benzo(b)fluoranthene	15.07	252	353484	34.230	ng	97
88) Benzo(k)fluoranthene	15.10	252	348026m	35.668	ng	
89) Benzo(a)pyrene	15.44	252	355975	38.882	ng	97
90) Dibenzo(a,h)anthracene	17.00	278	370643	49.504	ng	97
91) Benzo(g,h,i)perylene	17.44	276	390918	53.338	ng	# 93

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

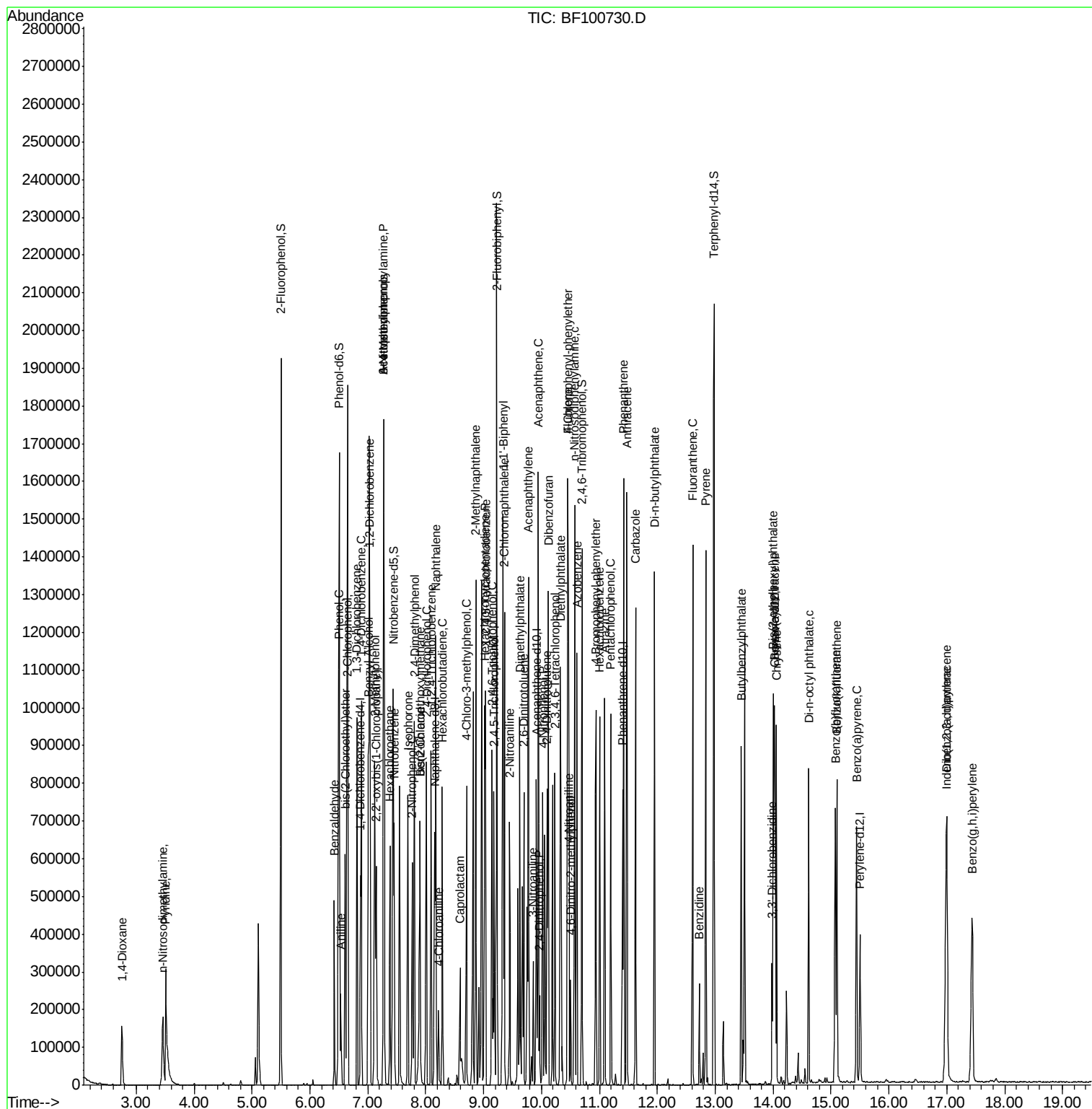
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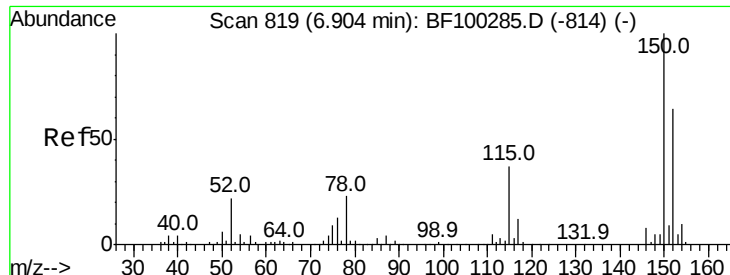
Instrument :
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#1

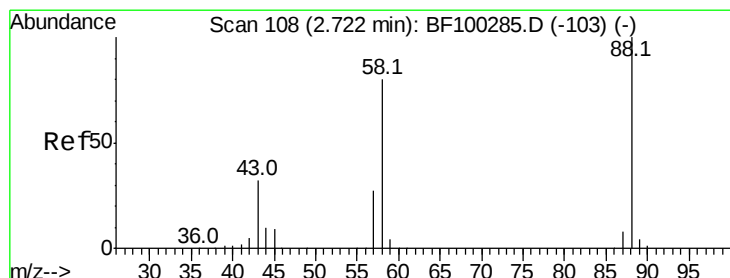
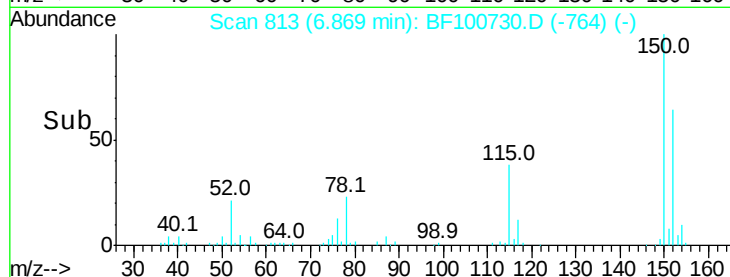
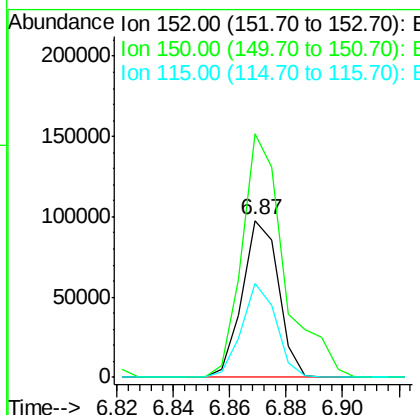
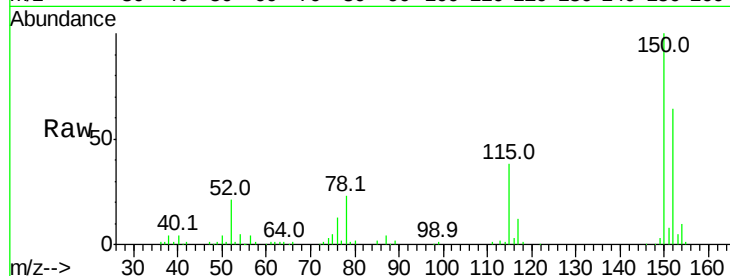
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Instrument :
BNA_F
ClientSampleId :
IDOC-SOIL-04

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	59.6	50.1	75.1

Manual Integrations
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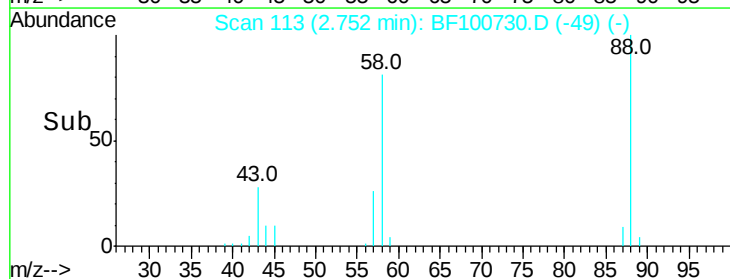
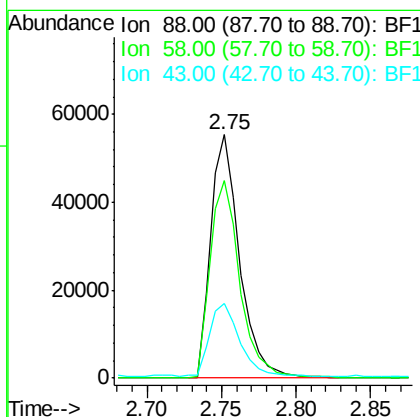
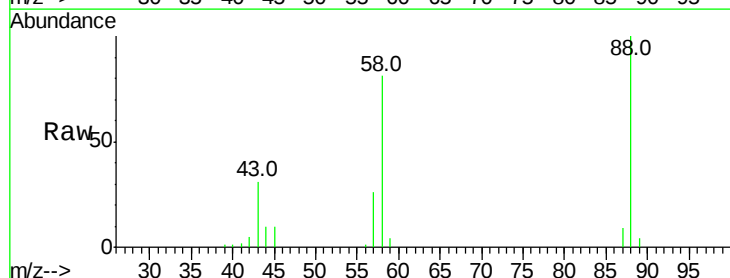
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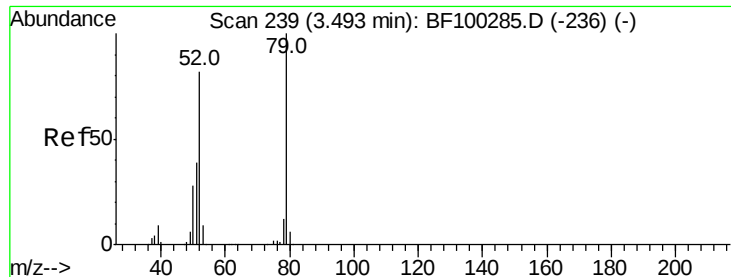


#2

1,4-Dioxane
Concen: 28.136 ng
RT: 2.75 min Scan# 113
Delta R.T. 0.08 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.7	62.6	93.8
43	31.4	24.6	37.0





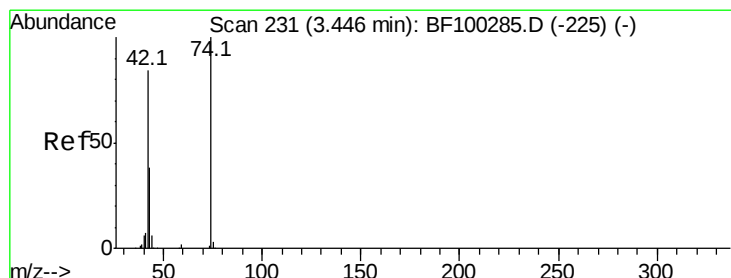
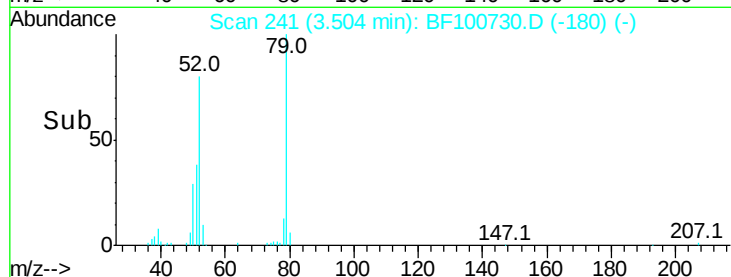
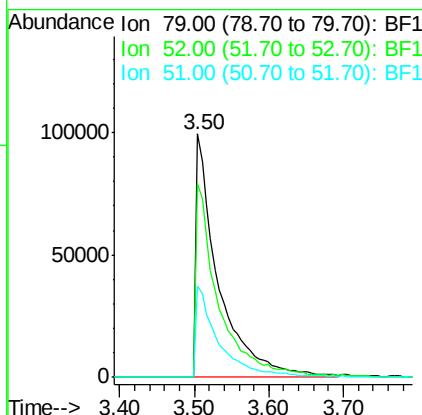
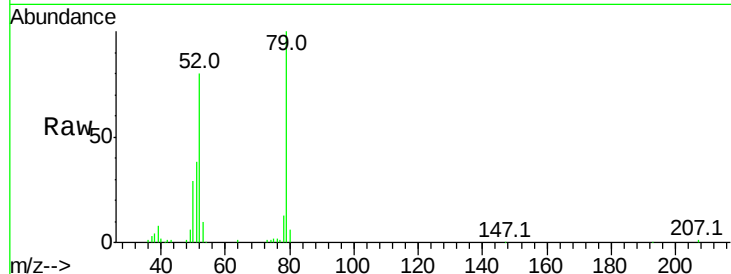
#3
 Pvridine
 Concen: 28.807 ng
 RT: 3.50 min Scan# 241
 Delta R.T. 0.06 min
 Lab File: BF100730.D
 Acq: 20 Nov 2017 15:10

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-SOIL-04

Tot Ion	Ratio	Lower	Upper
79	100		
52	79.5	59.8	89.6
51	37.6	29.8	44.8

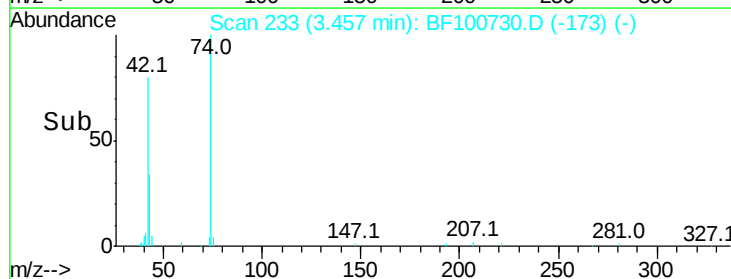
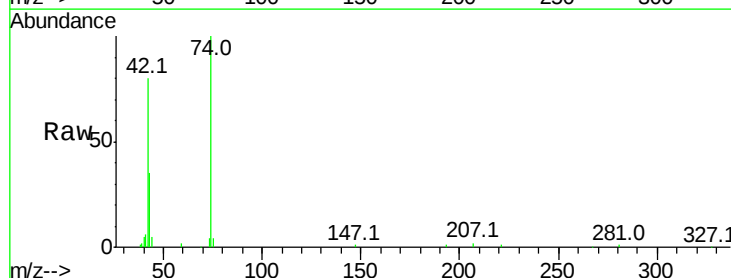
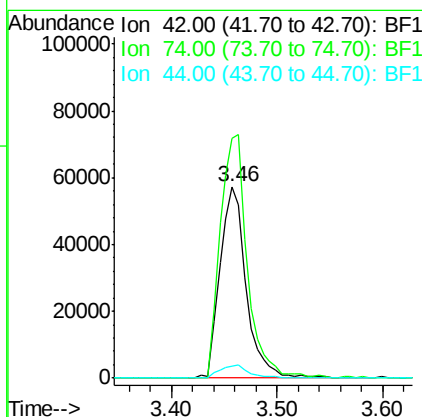
Manual Integrations
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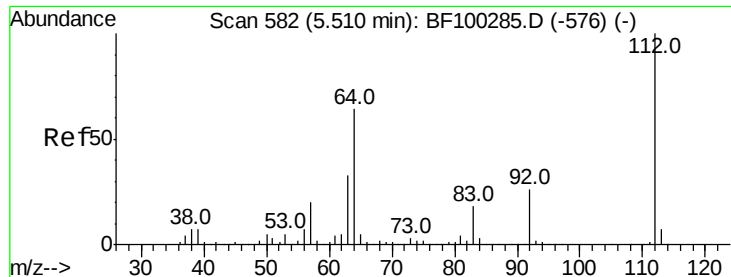
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#4
 n-Nitrosodimethylamine
 Concen: 28.084 ng
 RT: 3.46 min Scan# 233
 Delta R.T. 0.05 min
 Lab File: BF100730.D
 Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	125.4	104.9	157.3
44	6.6	6.9	10.3





#5

2-Fluorophenol

Concen: 103.918 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF100730.D

Acq: 20 Nov 2017 15:10

Instrument :

BNA_F

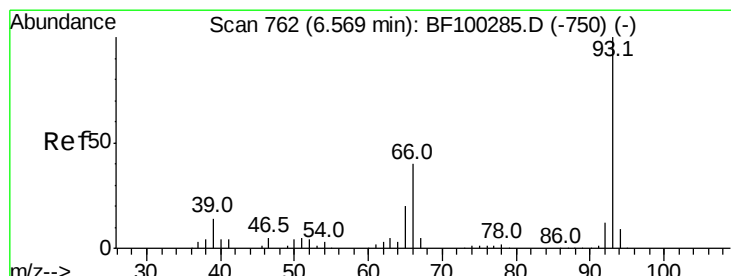
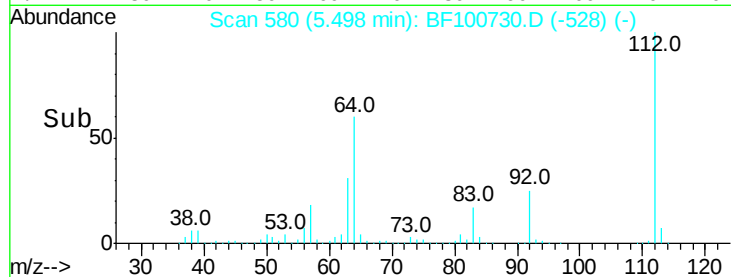
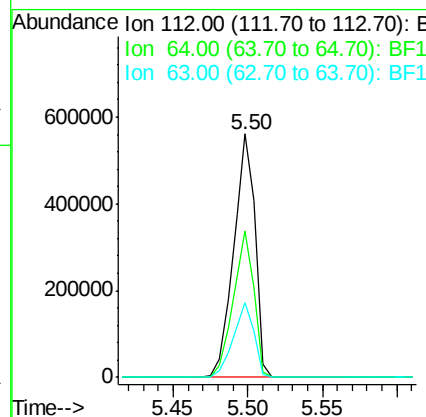
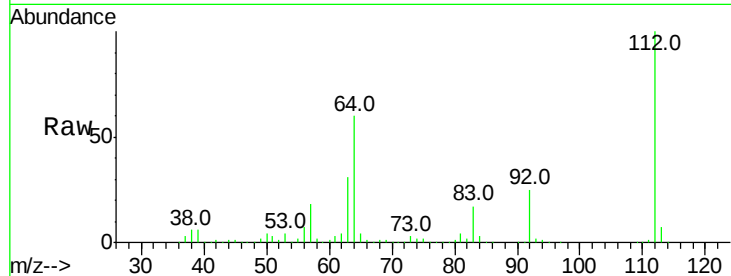
ClientSampleId :

IDOC-SOIL-04

Tot Ion:	112	Resp:	566353
Ion Ratio	Lower	Upper	
112	100		
64	60.3	47.9	71.9
63	30.6	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 11.199 ng

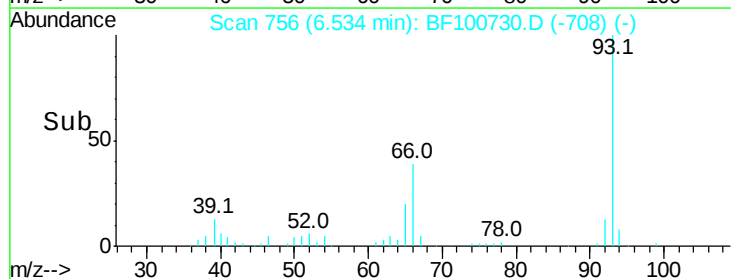
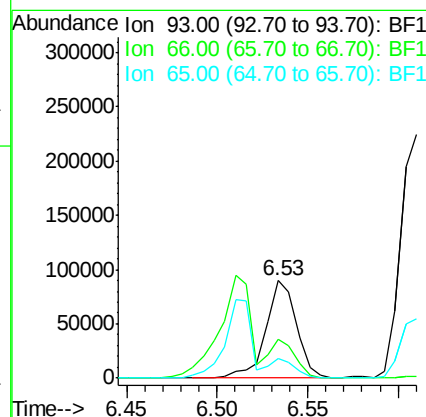
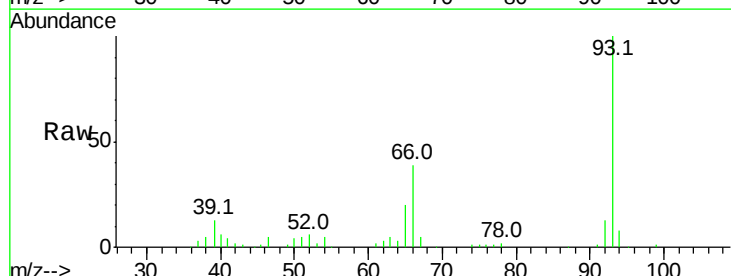
RT: 6.53 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF100730.D

Acq: 20 Nov 2017 15:10

Tgt Ion:	93	Resp:	106331
Ion Ratio	Lower	Upper	
93	100		
66	39.4	32.2	48.2
65	20.2	16.4	24.6





#7

Phenol-d6

Concen: 101.279 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100730.D

Acq: 20 Nov 2017 15:10

Instrument :

BNA_F

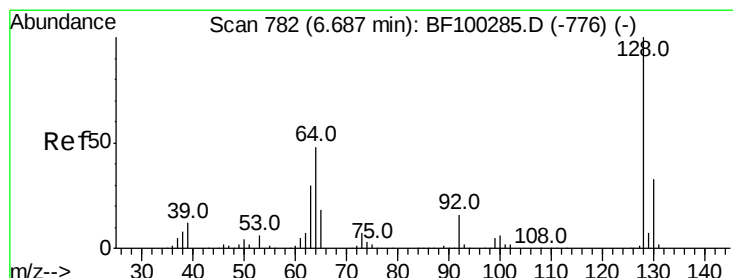
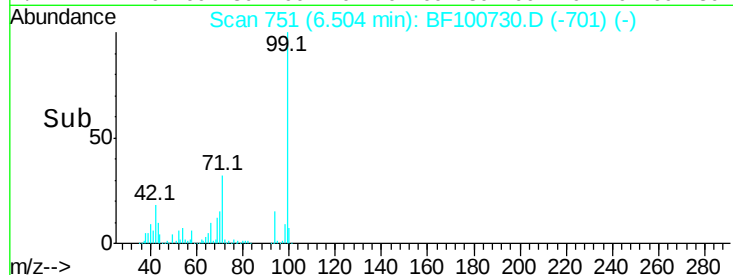
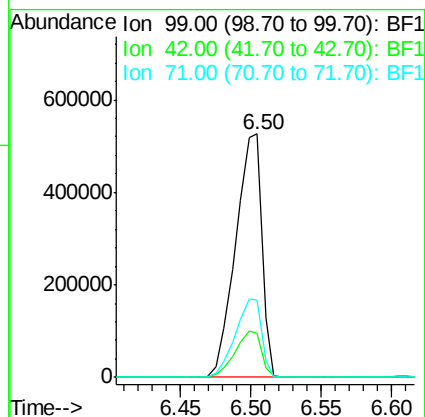
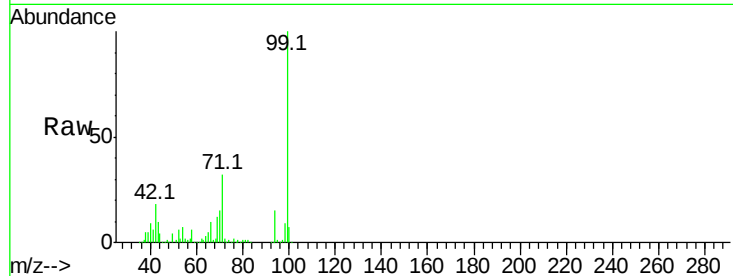
ClientSampleId :

IDOC-SOIL-04

Tot Ion:	99	Resp:	680654
Ion Ratio	Lower	Upper	
99	100		
42	18.3	14.5	21.7
71	31.7	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 35.881 ng

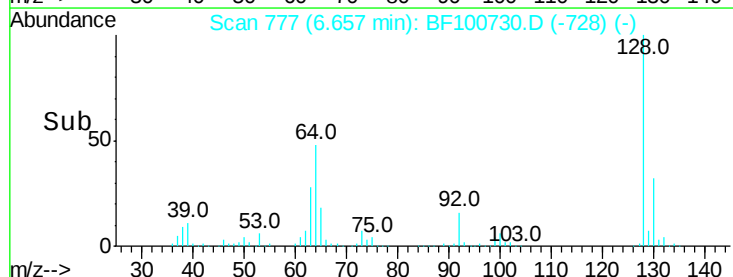
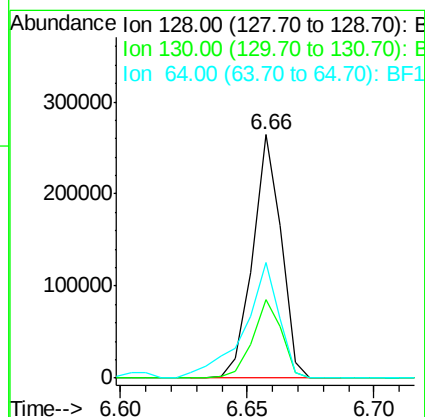
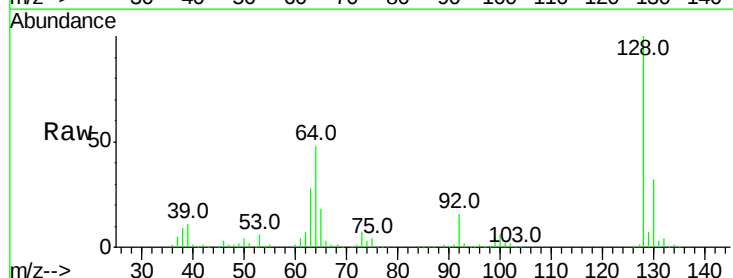
RT: 6.66 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF100730.D

Acq: 20 Nov 2017 15:10

Tgt Ion:	128	Resp:	206875
Ion Ratio	Lower	Upper	
128	100		
130	32.1	13.0	53.0
64	47.7	29.4	69.4





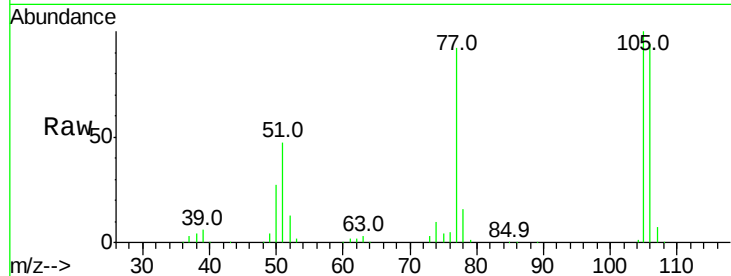
#9
Benzaldehyde
Concen: 17.107 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Instrument :
BNA_F
ClientSampleId :
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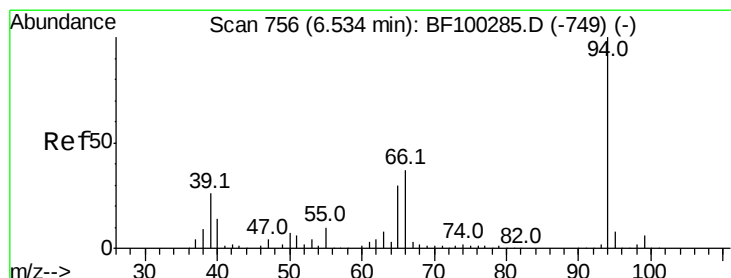
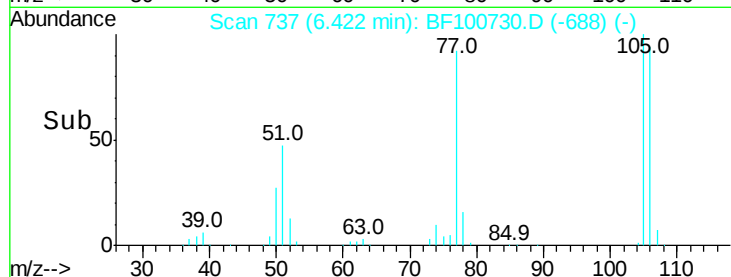
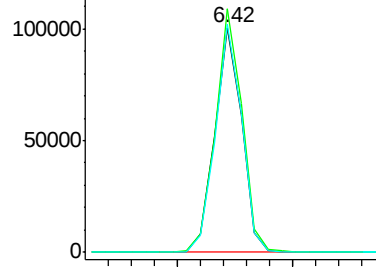
Tot Ion	Ratio	Lower	Upper
77	100		
105	108.4	81.1	121.1
106	101.5	74.5	114.5

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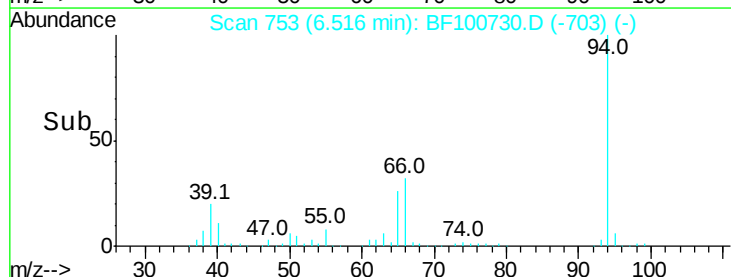
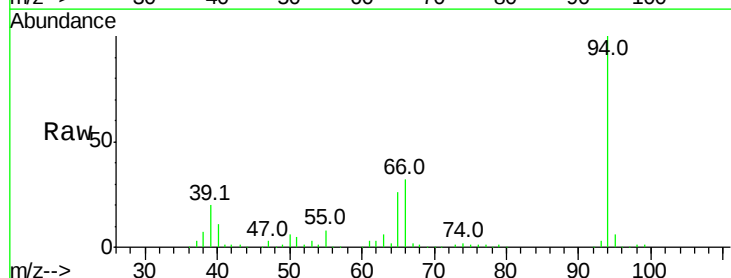
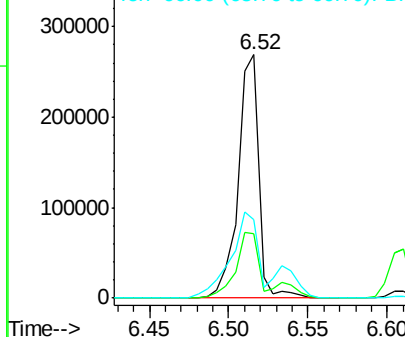
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10
Phenol
Concen: 34.489 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.5	7.9	47.9
66	32.4	16.2	56.2

Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 31.636 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF100730.D

Acq: 20 Nov 2017 15:10

Instrument :

BNA_F

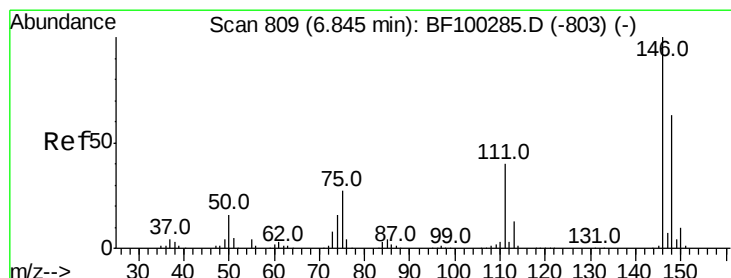
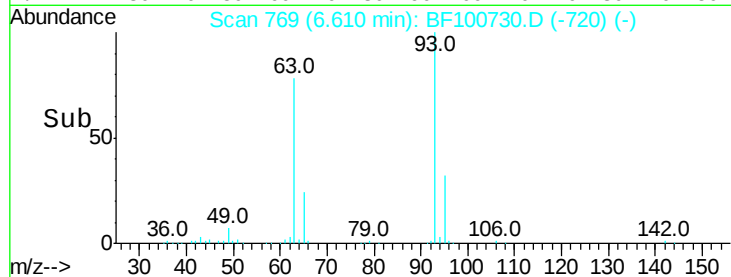
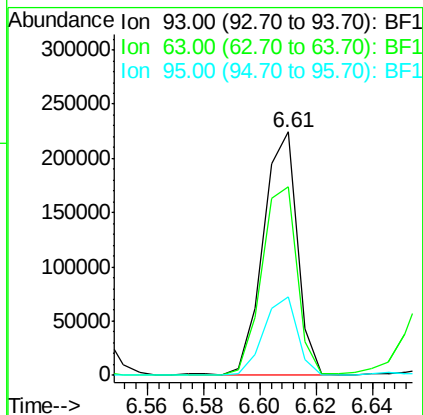
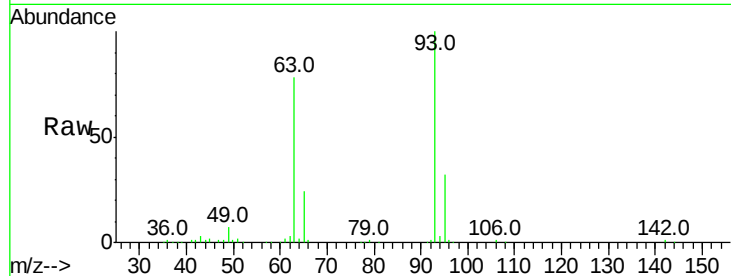
ClientSampleId :

IDOC-SOIL-04

Tot Ion:	93	Resp:	187475
Ion Ratio	Lower	Upper	
93	100		
63	77.7	58.6	98.6
95	32.3	11.8	51.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 35.745 ng

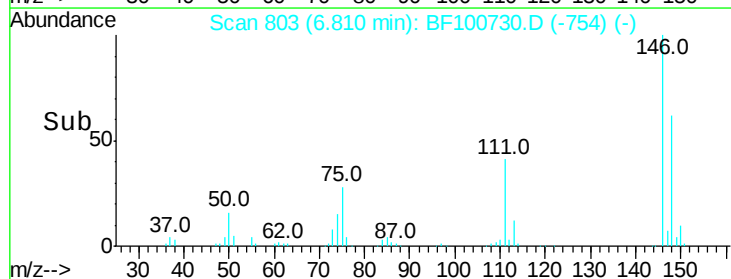
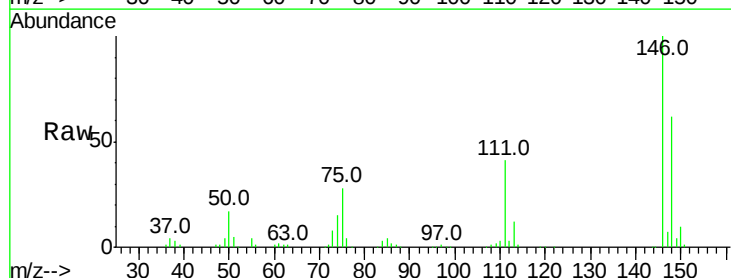
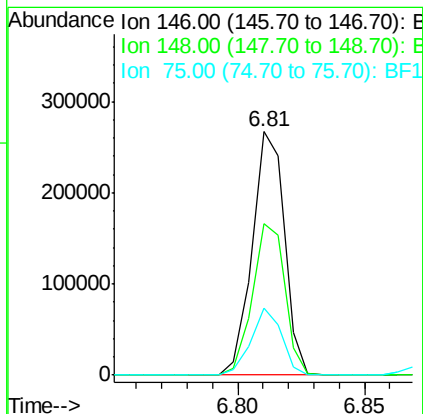
RT: 6.81 min Scan# 803

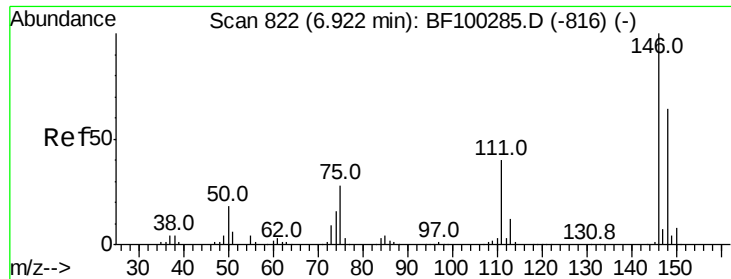
Delta R.T. -0.01 min

Lab File: BF100730.D

Acq: 20 Nov 2017 15:10

Tgt Ion:	146	Resp:	237607
Ion Ratio	Lower	Upper	
146	100		
148	62.2	51.8	77.8
75	27.8	24.2	36.4





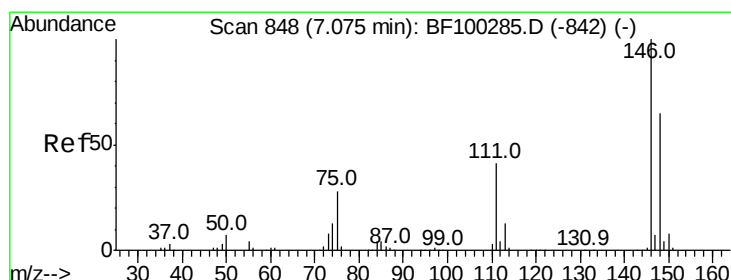
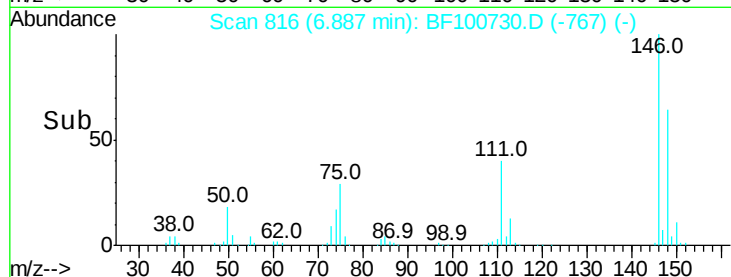
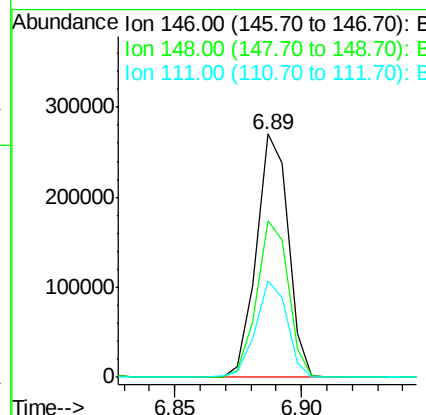
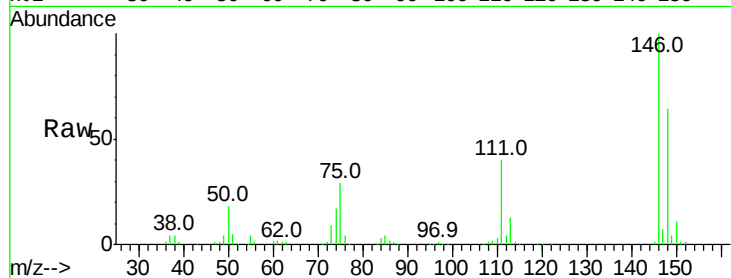
#13
1,4-Dichlorobenzene
Concen: 35.298 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Instrument :
BNA_F
ClientSampleId :
IDOC-SOIL-04

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	39.7	34.2	51.2

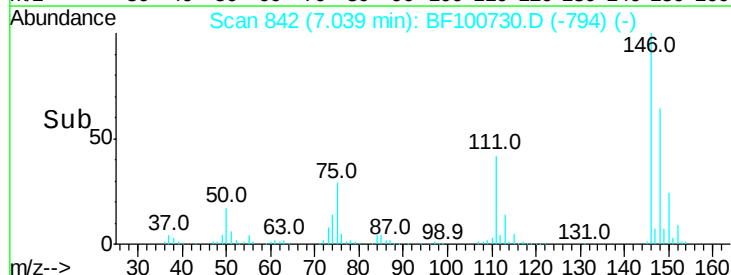
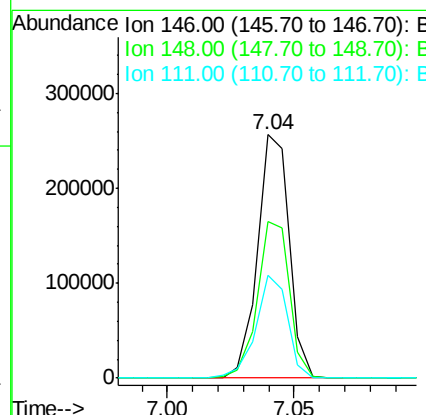
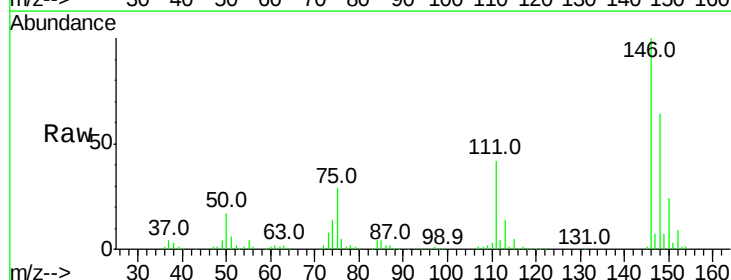
Manual Integrations
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#14
1,2-Dichlorobenzene
Concen: 35.915 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.02 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
111	42.4	36.0	54.0





#15

Benzyl Alcohol

Concen: 33.831 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF100730.D

Acq: 20 Nov 2017 15:10

Instrument :

BNA_F

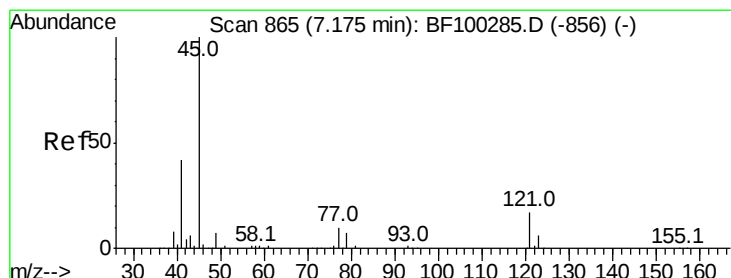
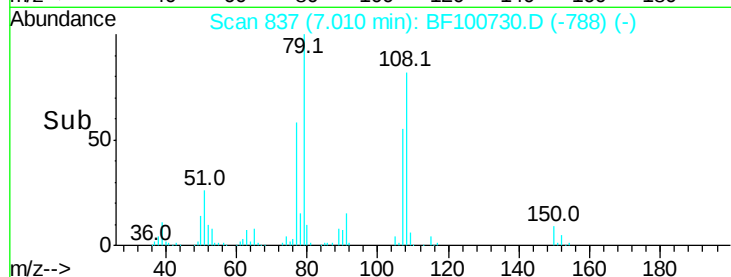
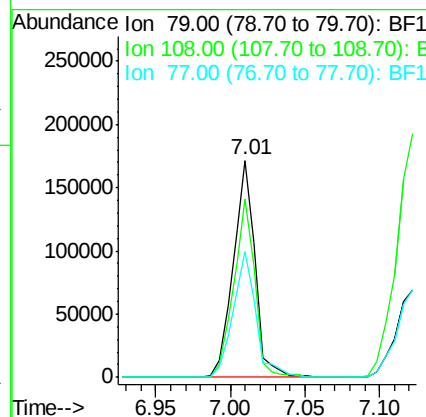
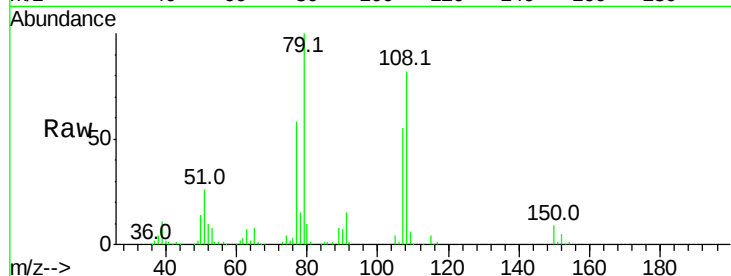
ClientSampled :

IDOC-SOIL-04

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.4	65.1	97.7
77	58.3	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.911 ng

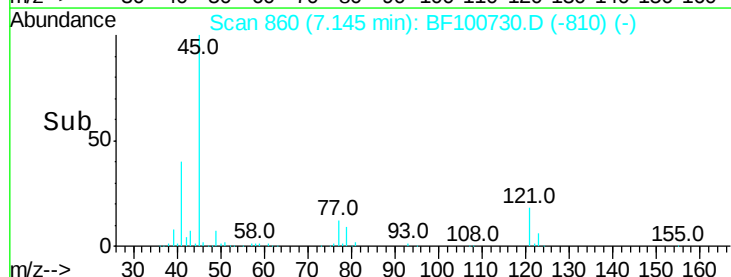
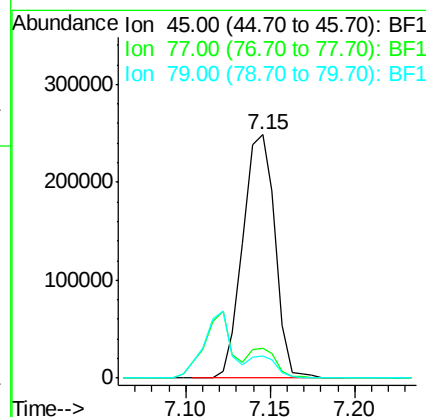
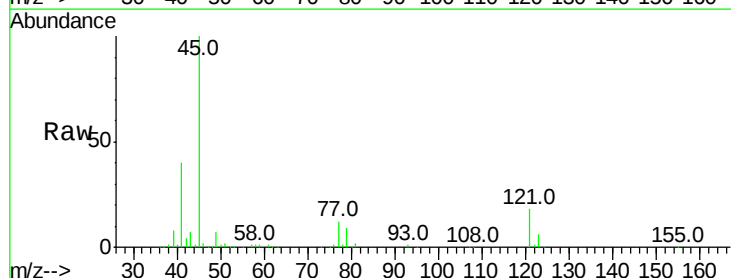
RT: 7.15 min Scan# 860

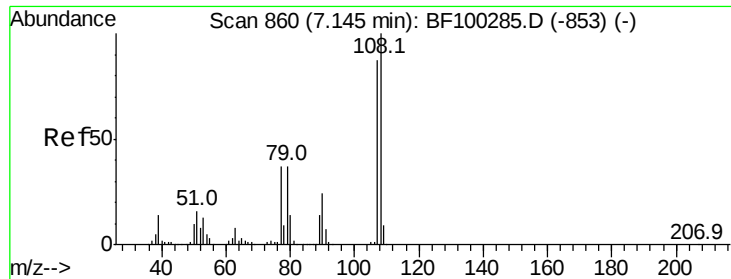
Delta R.T. -0.01 min

Lab File: BF100730.D

Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.0	0.0	32.9
79	9.2	0.0	29.6





#17

2-Methylphenol

Concen: 35.726 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF100730.D

Acq: 20 Nov 2017 15:10

Instrument :

BNA_F

ClientSampleId :

IDOC-SOIL-04

Tot Ion:107 Resp: 176026

Ion Ratio Lower Upper

107 100

108 113.1 91.7 137.5

77 40.5 33.8 50.8

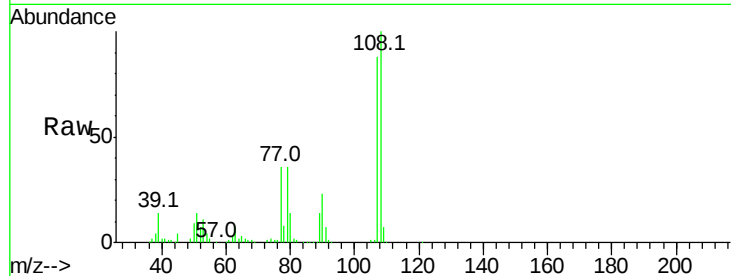
79 40.4 33.8 50.8

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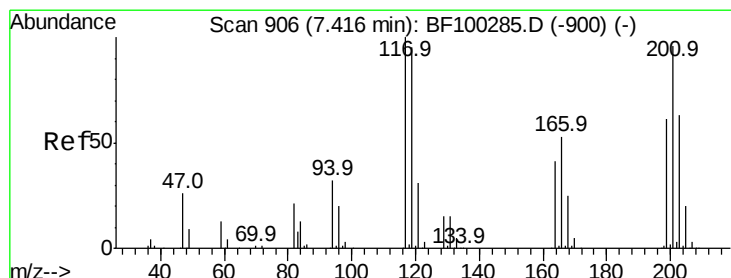
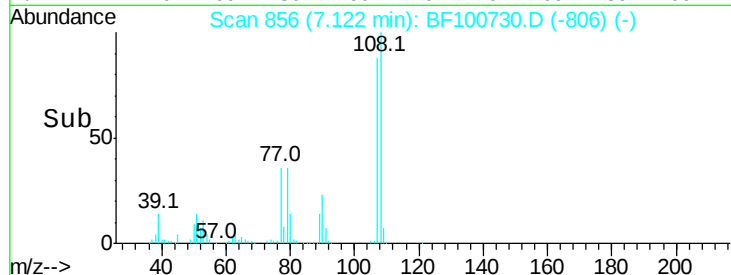
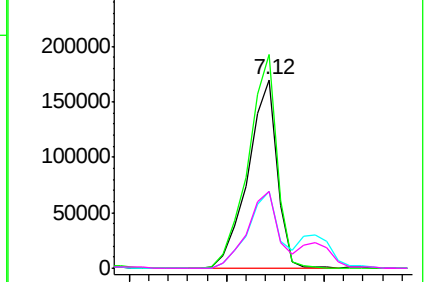


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 34.899 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF100730.D

Acq: 20 Nov 2017 15:10

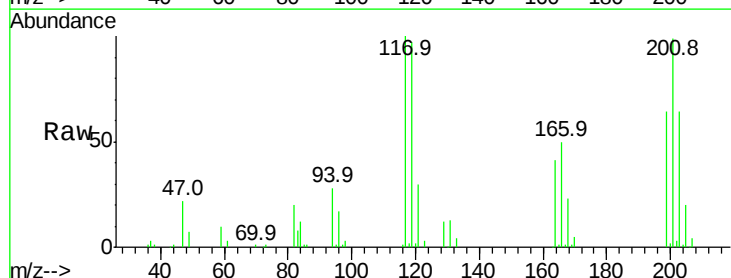
Tgt Ion:117 Resp: 77415

Ion Ratio Lower Upper

117 100

119 97.4 75.8 113.8

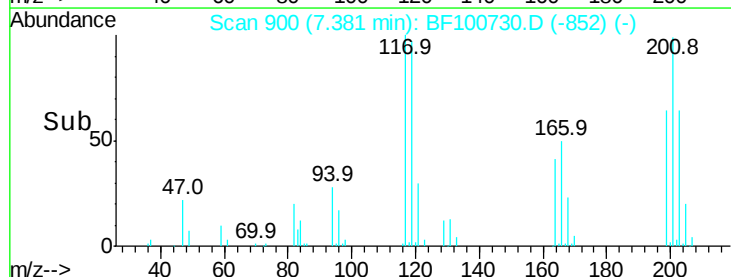
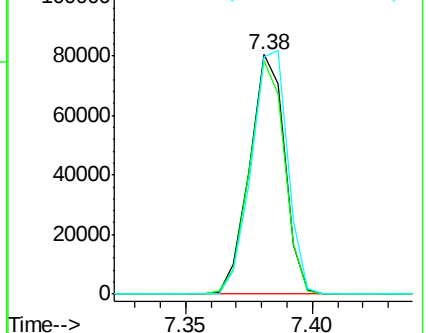
201 99.0 75.7 113.5

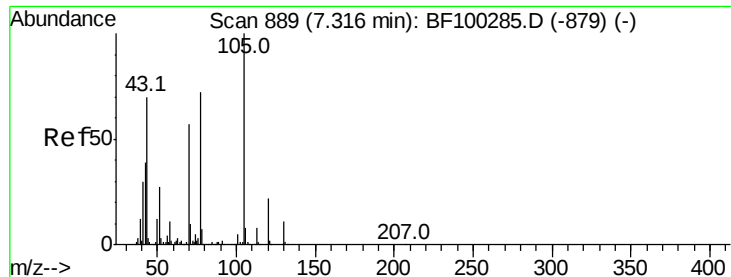


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





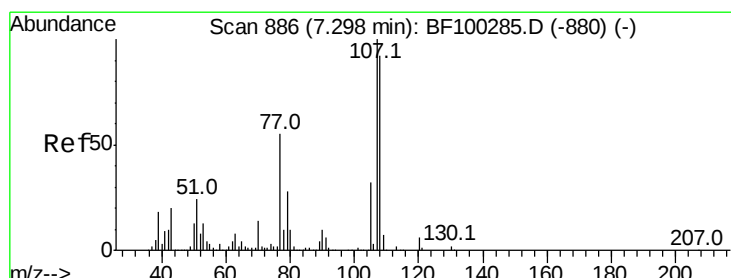
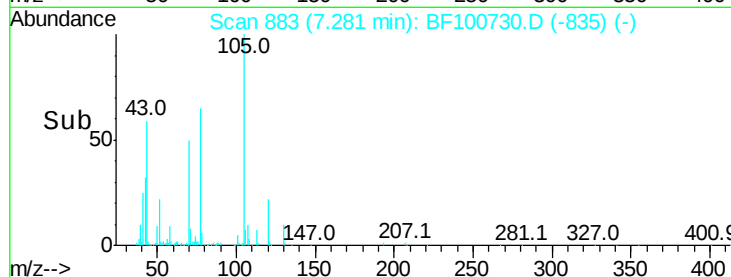
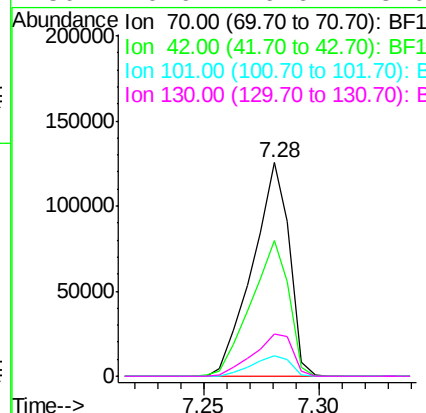
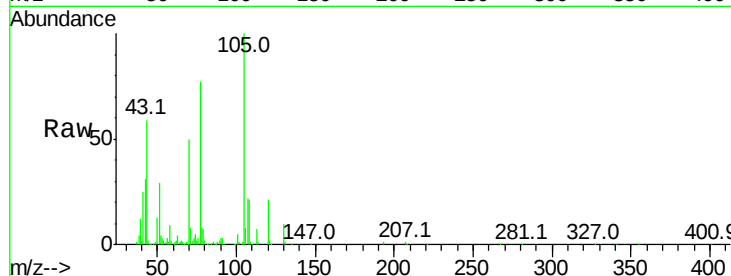
#19
n-Nitroso-di-n-propylamine
Concen: 29.887 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Instrument :
BNA_F
ClientSampleId :
IDOC-SOIL-04

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.3	47.5	71.3
101	9.6	7.4	11.2
130	19.9	16.6	25.0

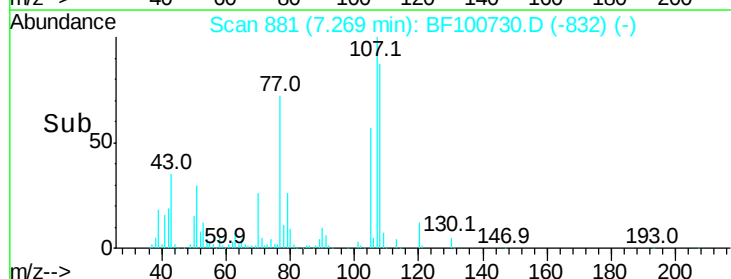
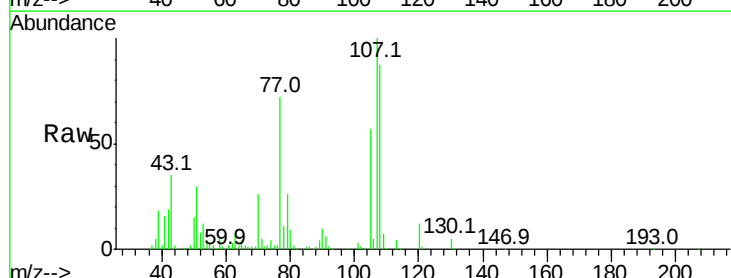
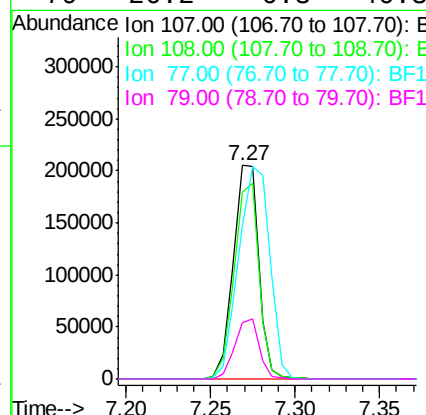
Manual Integrations
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#20
3+4-Methylphenols
Concen: 34.348 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.3	68.2	108.2
77	72.2	26.7	66.7#
79	26.2	6.3	46.3





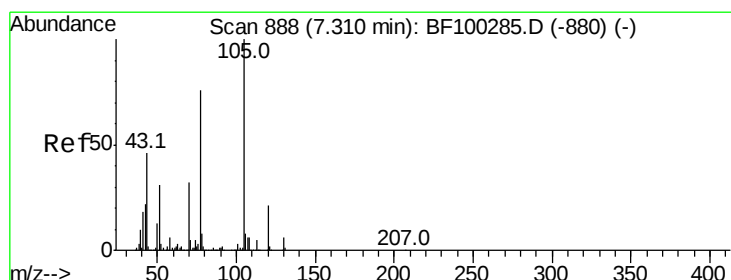
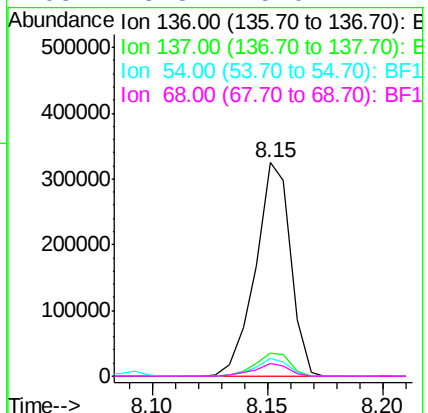
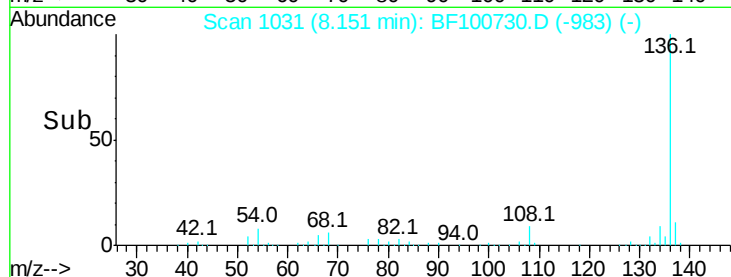
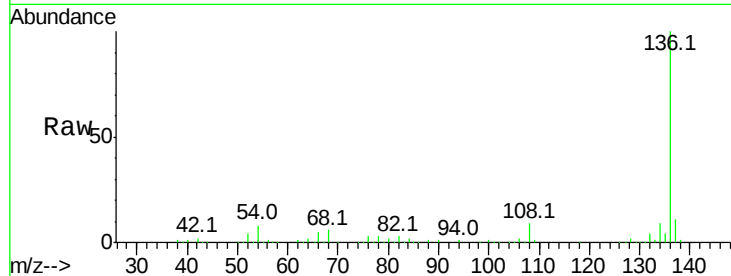
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Instrument :
BNA_F
ClientSampled :
IDOC-SOIL-04

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	8.3	6.6	9.8	
68	5.8	5.0	7.4	

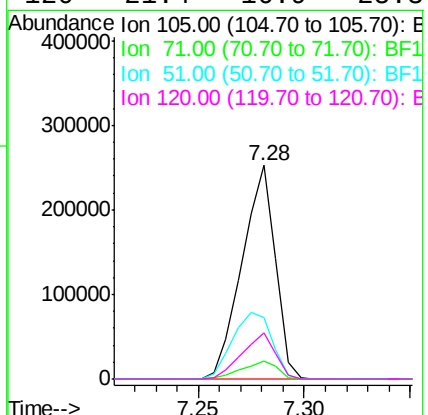
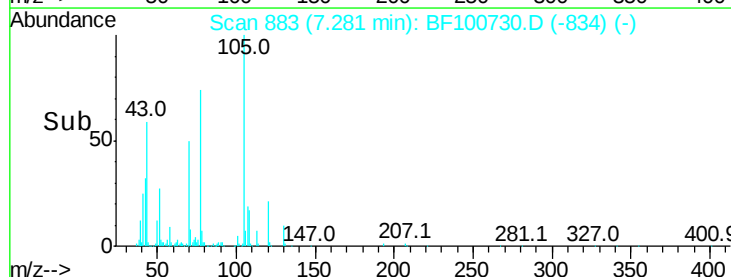
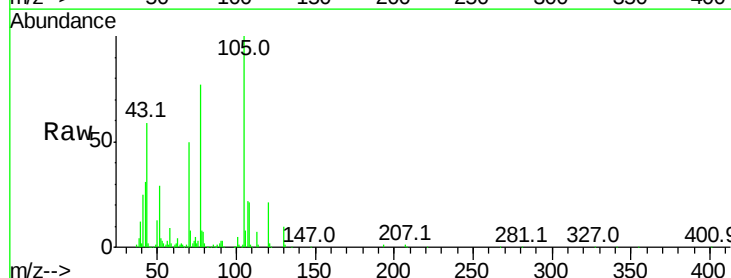
Manual Integrations
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#22
Acetophenone
Concen: 32.864 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.3	4.4	6.6#	
51	28.7	22.3	33.5	
120	21.4	16.9	25.3	





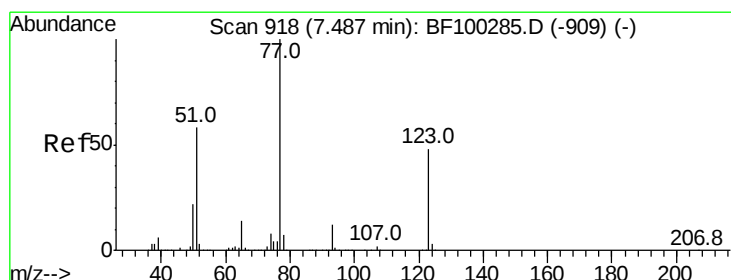
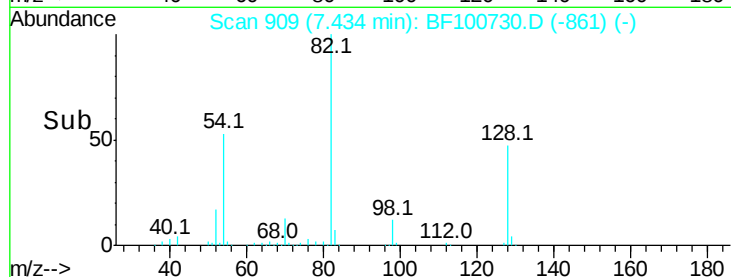
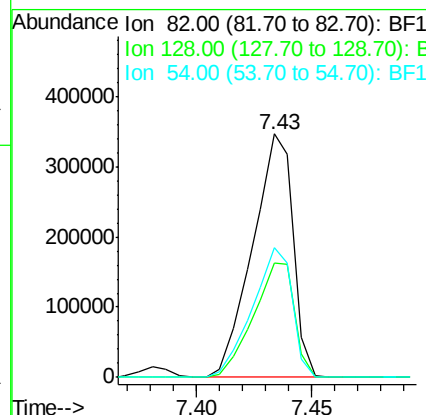
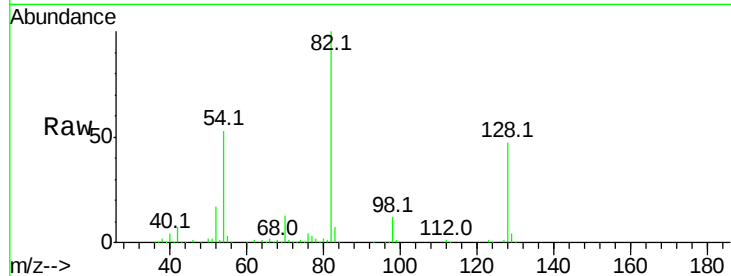
#23
Nitrobenzene-d5
Concen: 81.191 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Instrument :
BNA_F
ClientSampleId :
IDOC-SOIL-04

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.1	54.1
54	53.4	41.4	62.2

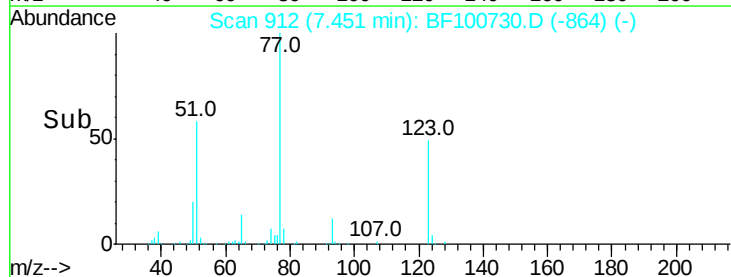
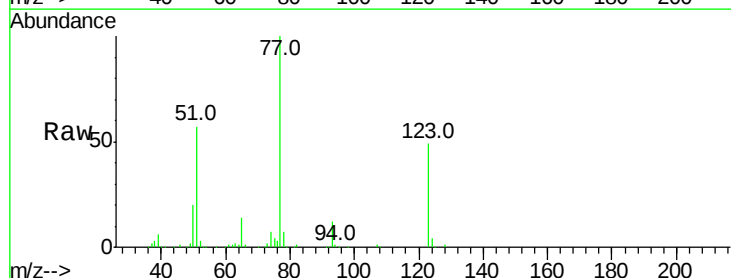
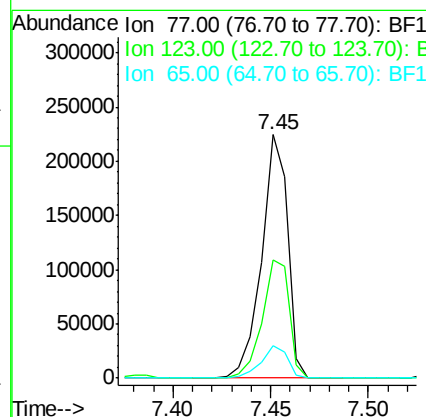
Manual Integrations
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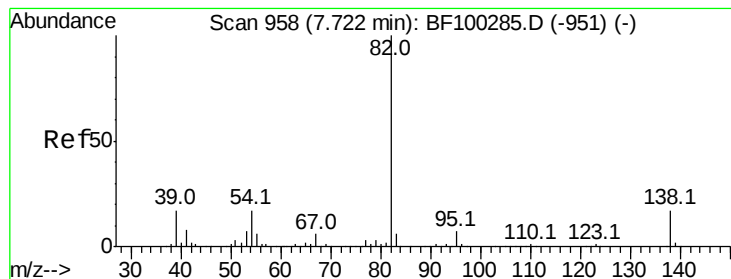
SOHIL
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#24
Nitrobenzene
Concen: 38.672 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.8	37.9	56.9
65	13.5	11.0	16.4





#25

Isophorone

Concen: 34.944 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF100730.D

Acq: 20 Nov 2017 15:10

Instrument :

BNA_F

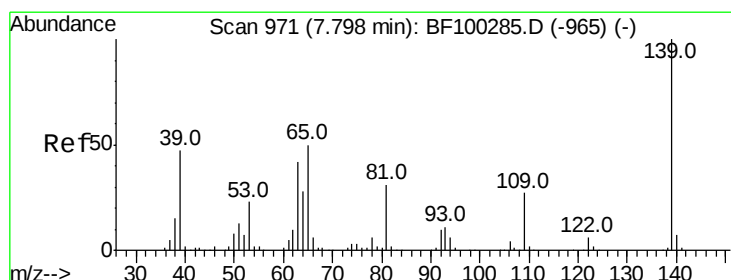
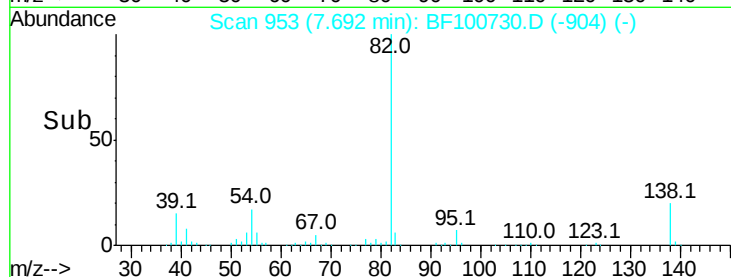
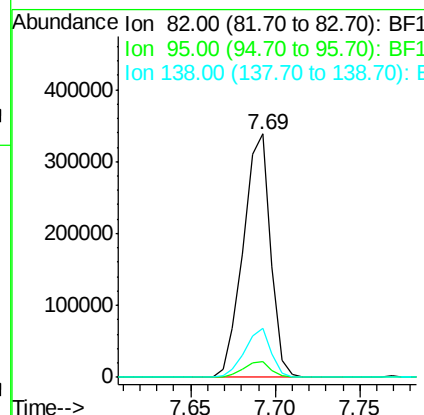
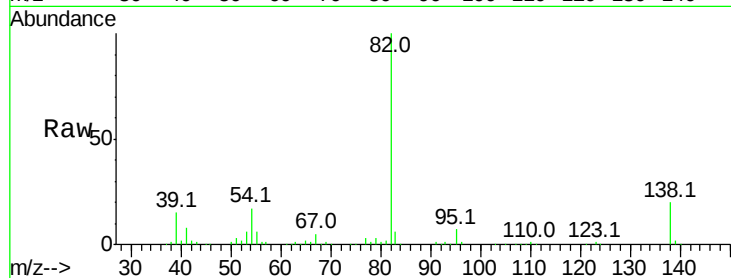
ClientSampleId :

IDOC-SOIL-04

Tot Ion	82	Resp	382528
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.2	7.8
138	19.9	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.995 ng

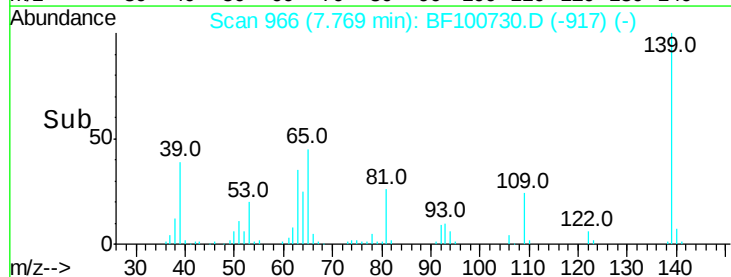
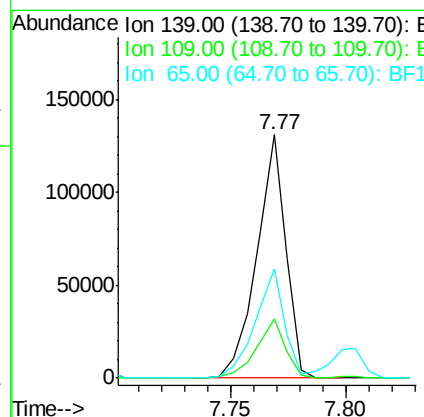
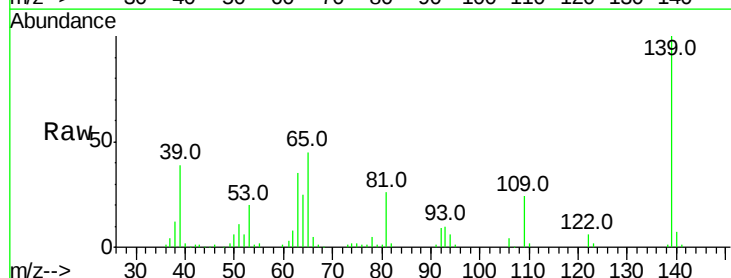
RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF100730.D

Acq: 20 Nov 2017 15:10

Tgt Ion	139	Resp	114988
Ion Ratio	Lower	Upper	
139	100		
109	24.3	22.7	34.1
65	44.7	40.5	60.7





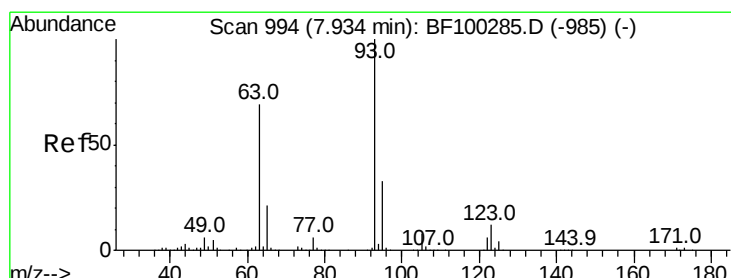
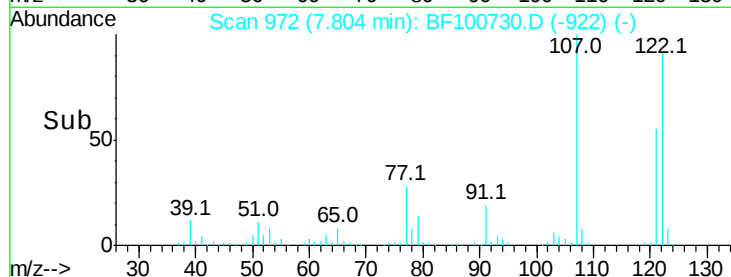
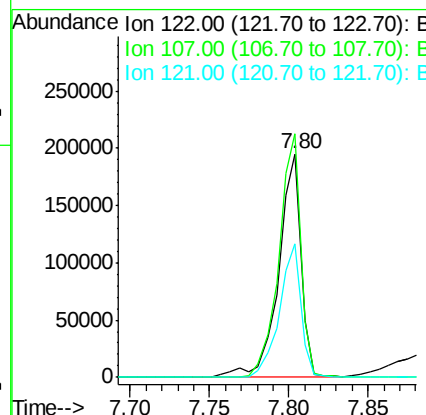
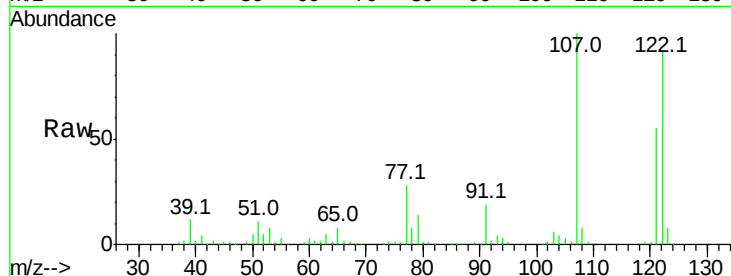
#27
 2,4-Dimethylphenol
 Concen: 39.497 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF100730.D
 Acq: 20 Nov 2017 15:10

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-SOIL-04

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.8	91.2	136.8
121	59.4	47.2	70.8

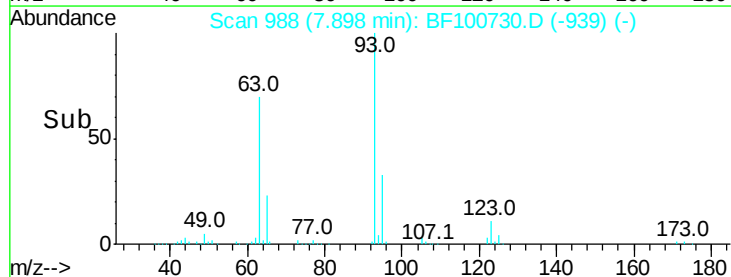
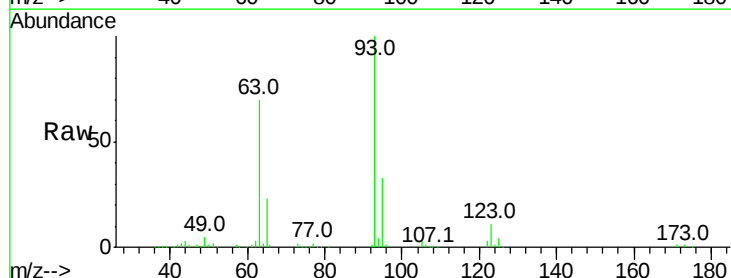
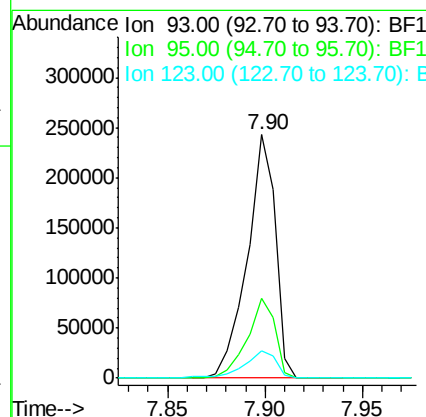
Manual Integrations
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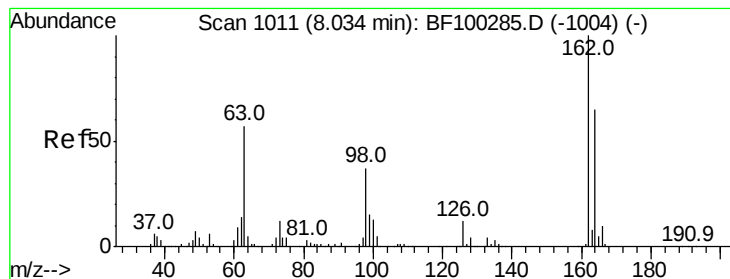
SOHIL
 11/21/2017 2:15:14 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.919 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BF100730.D
 Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.3	39.5
123	11.1	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 39.438 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF100730.D

Acq: 20 Nov 2017 15:10

Instrument :

BNA_F

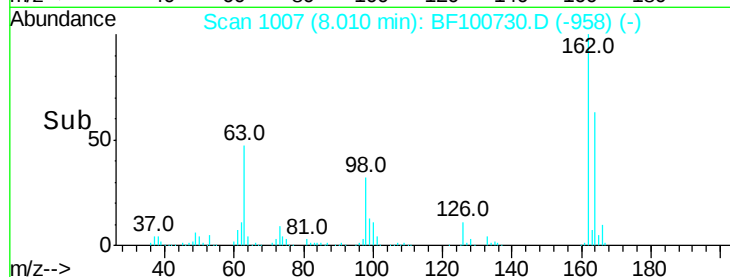
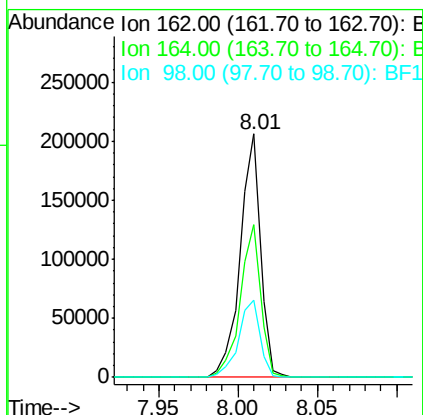
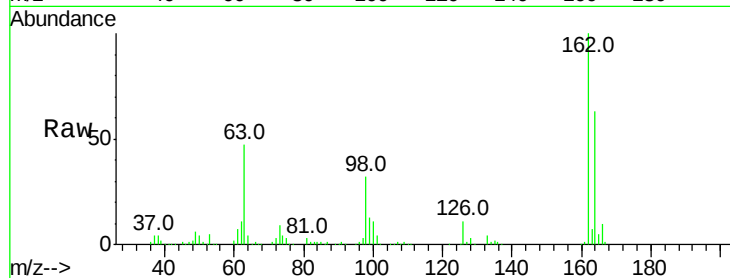
ClientSampled :

IDOC-SOIL-04

Tot Ion:	162	Resp:	184754
Ion Ratio	Lower	Upper	
162	100		
164	63.0	42.7	82.7
98	31.7	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 37.872 ng

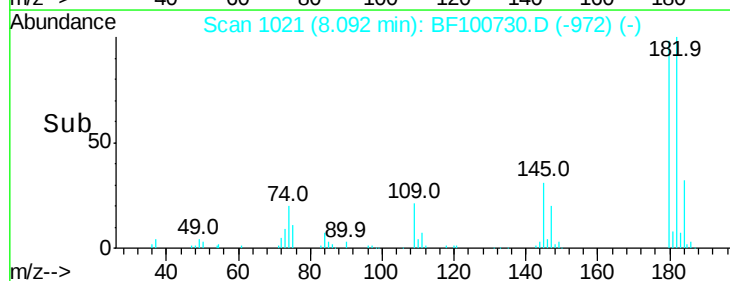
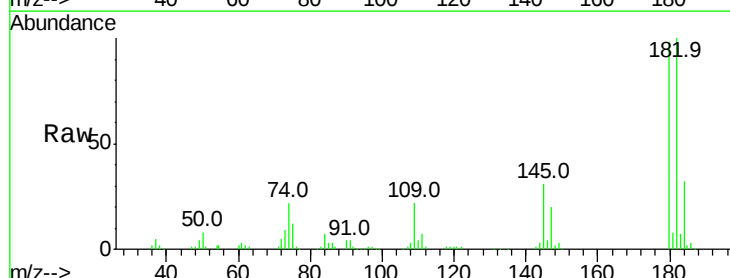
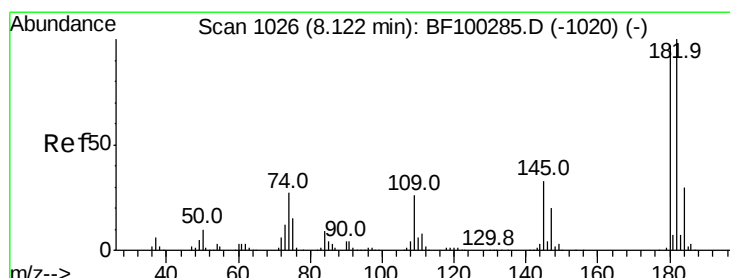
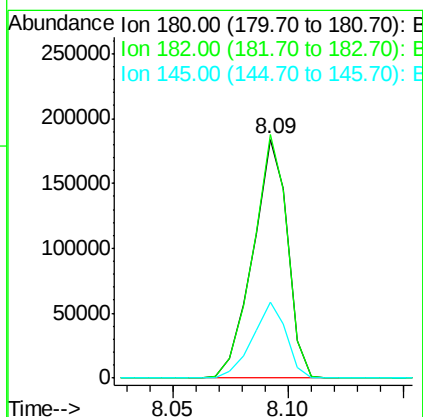
RT: 8.09 min Scan# 1021

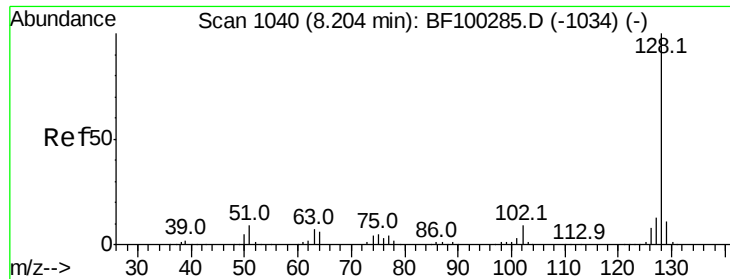
Delta R.T. -0.01 min

Lab File: BF100730.D

Acq: 20 Nov 2017 15:10

Tgt Ion:	180	Resp:	191912
Ion Ratio	Lower	Upper	
180	100		
182	102.1	76.8	115.2
145	32.1	26.5	39.7





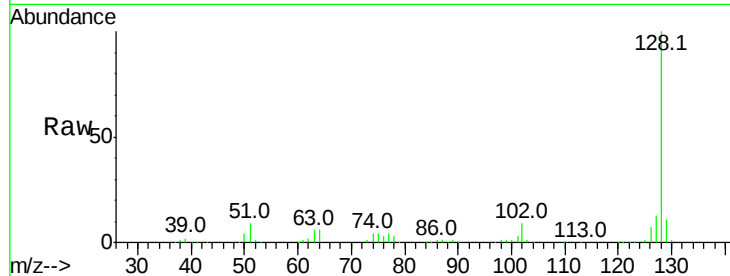
#31
Naphthalene
Concen: 36.337 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Instrument :
BNA_F
ClientSampleId :
IDOC-SOIL-04

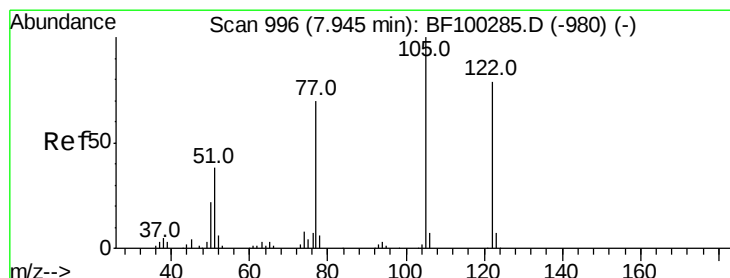
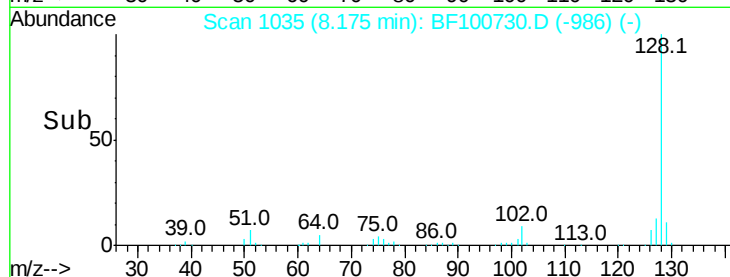
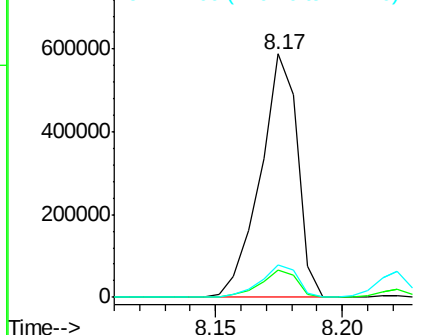
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.4	10.9	16.3

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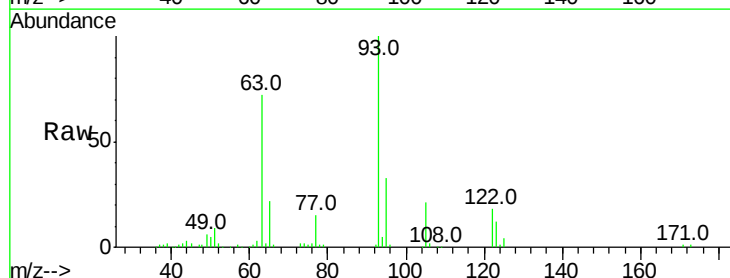


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

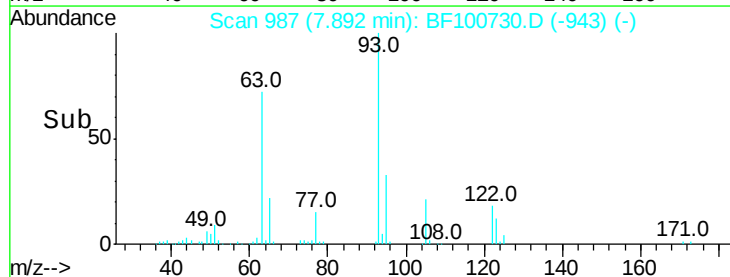
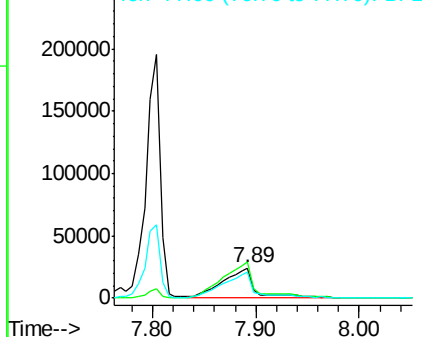


#32
Benzoic acid
Concen: 21.029 ng m
RT: 7.89 min Scan# 987
Delta R.T. -0.04 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.2	101.1	141.1
77	85.0	70.7	110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





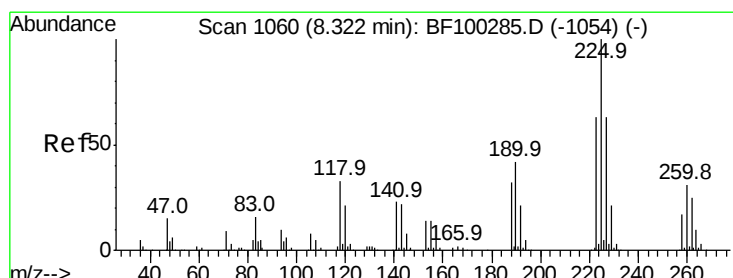
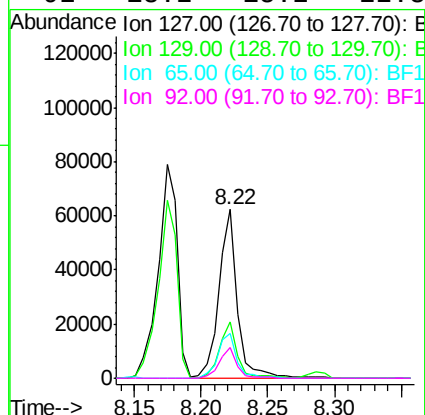
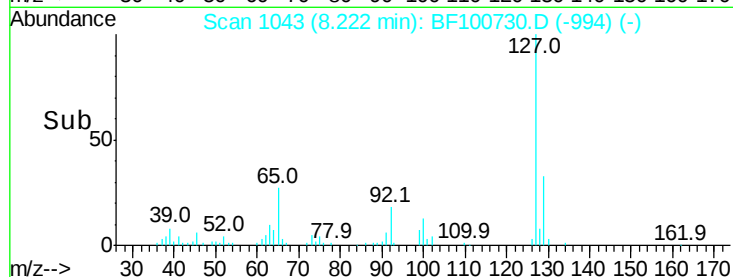
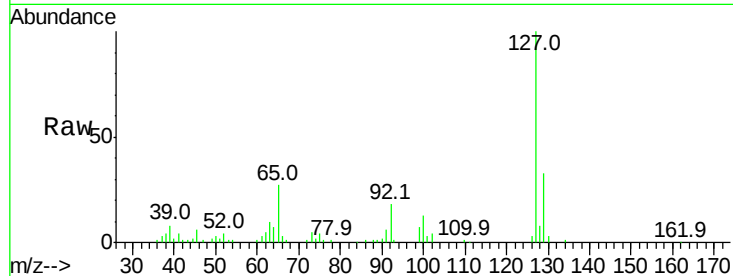
#33
4-Chloroaniline
Concen: 8.830 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Instrument :
BNA_F
ClientSampleId :
IDOC-SOIL-04

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	26.6	25.0	37.4
92	18.2	15.2	22.8

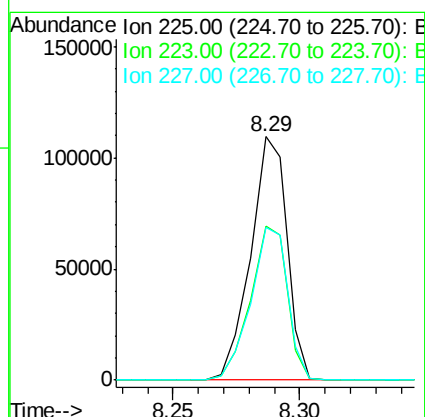
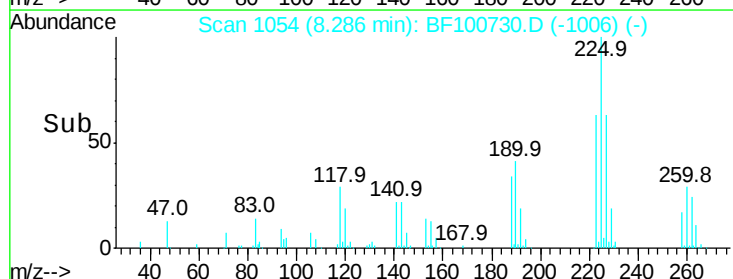
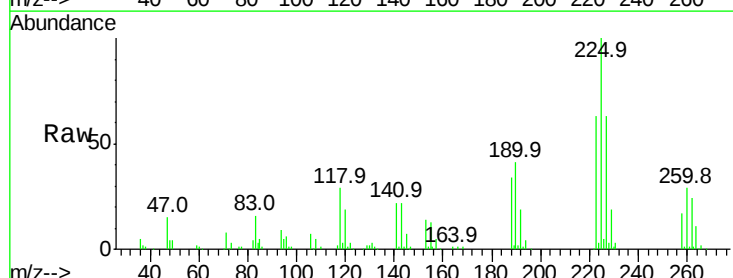
Manual Integrations
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#34
Hexachlorobutadiene
Concen: 36.518 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	62.6	51.9	77.9





#35

Caprolactam

Concen: 31.278 ng/ml

RT: 8.59 min Scan# 1106

Delta R.T. -0.02 min

Lab File: BF100730.D

Acq: 20 Nov 2017 15:10

Instrument :

BNA_F

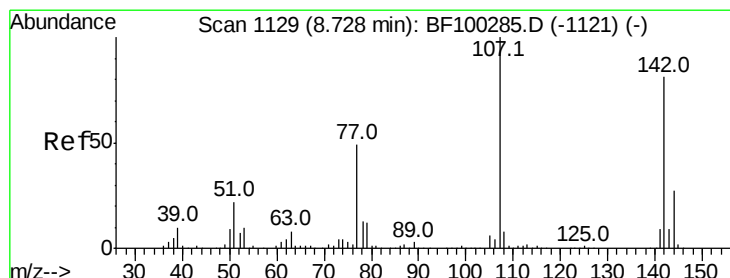
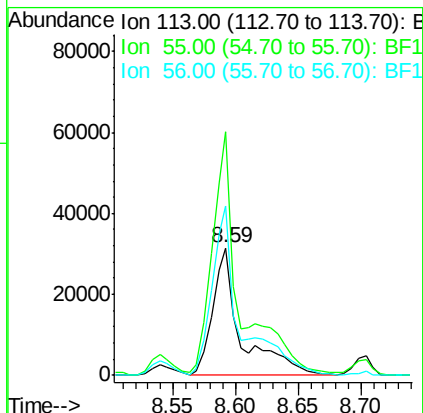
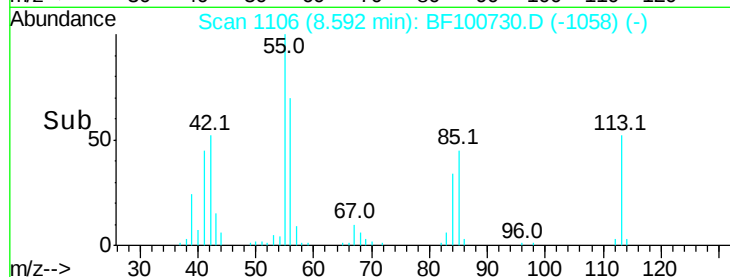
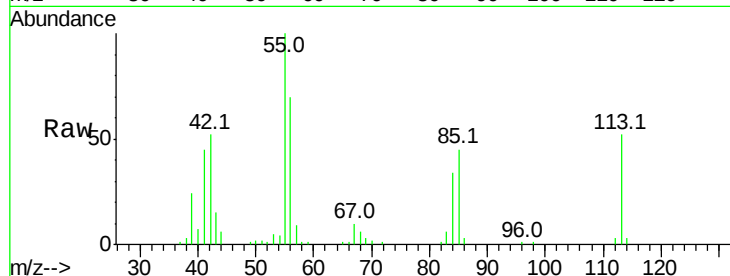
ClientSampleId :

IDOC-SOIL-04

Tot Ion	Ratio	Lower	Upper
113	100		
55	190.8	163.3	203.3
56	132.7	115.7	155.7

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#36

4-Chloro-3-methylphenol

Concen: 36.187 ng/ml

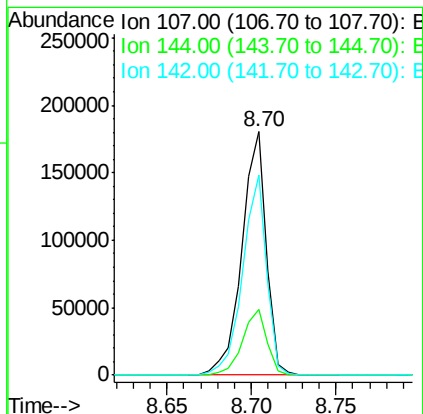
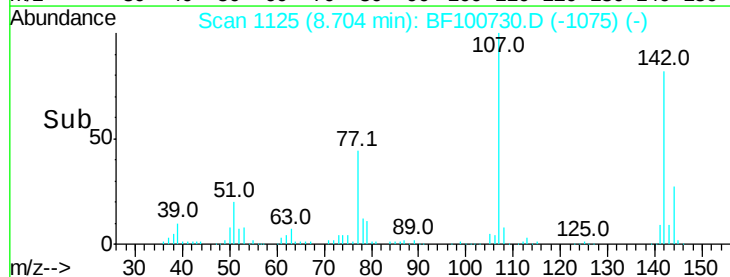
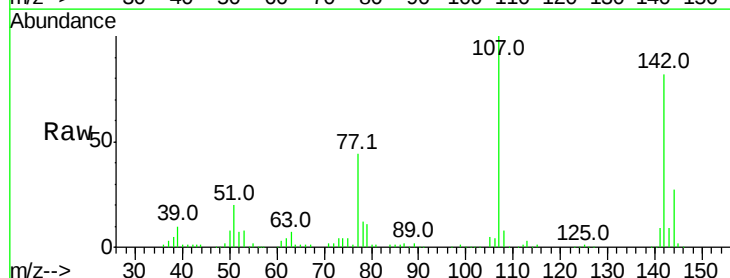
RT: 8.70 min Scan# 1125

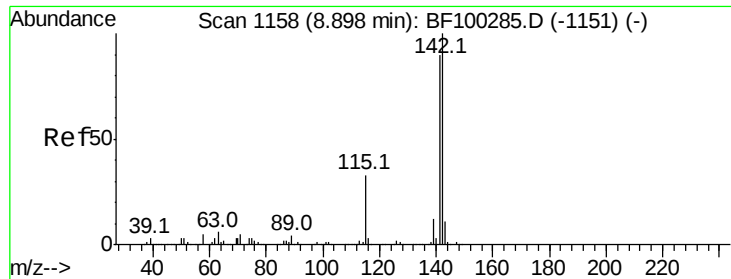
Delta R.T. -0.01 min

Lab File: BF100730.D

Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	20.5	30.7
142	82.1	62.0	93.0





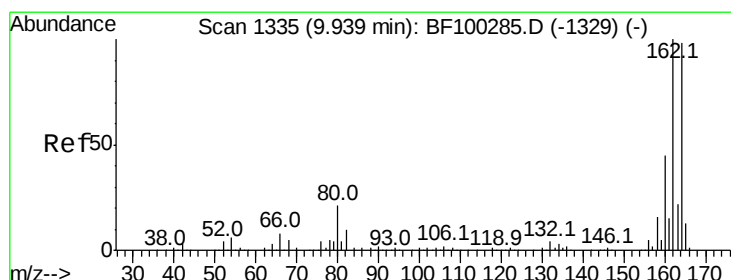
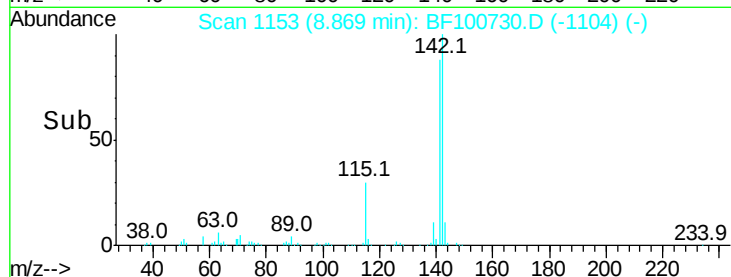
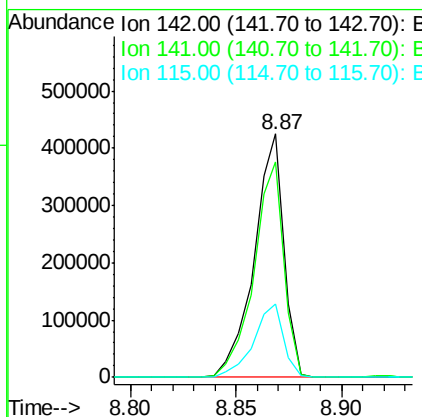
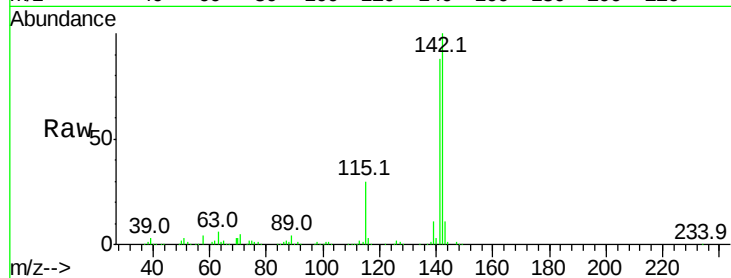
#37
2-Methylnaphthalene
Concen: 37.892 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Instrument :
BNA_F
ClientSampleId :
IDOC-SOIL-04

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.8	106.2
115	30.0	26.1	39.1

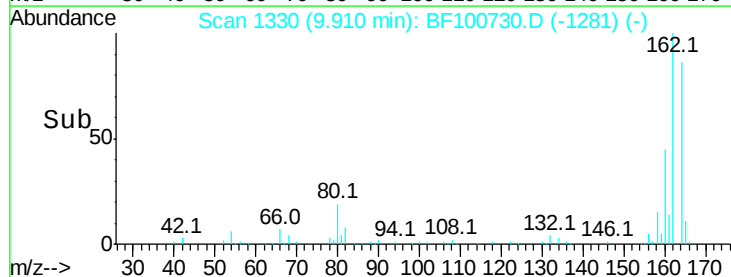
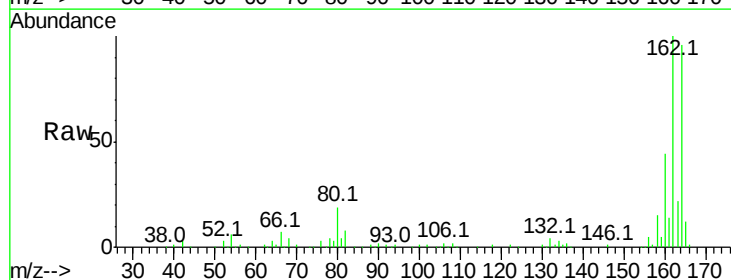
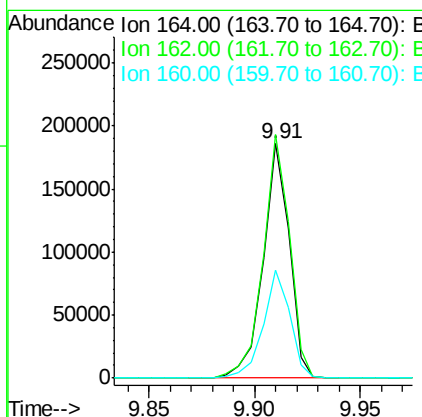
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	46.0	38.3	57.5





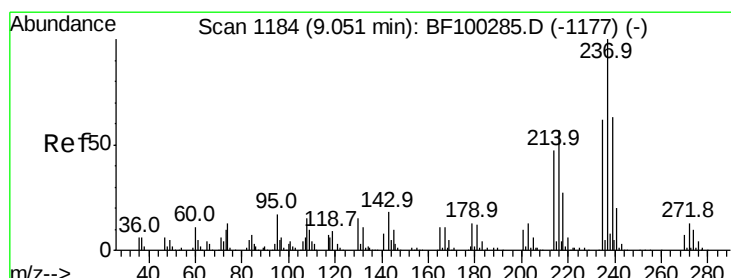
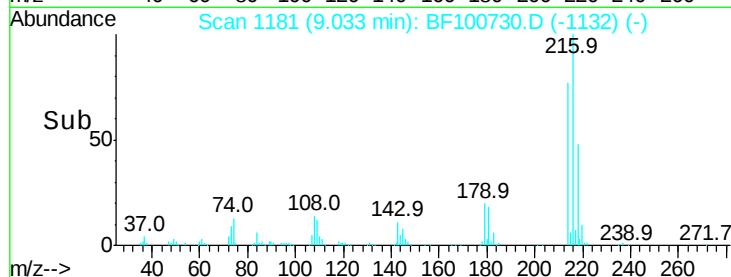
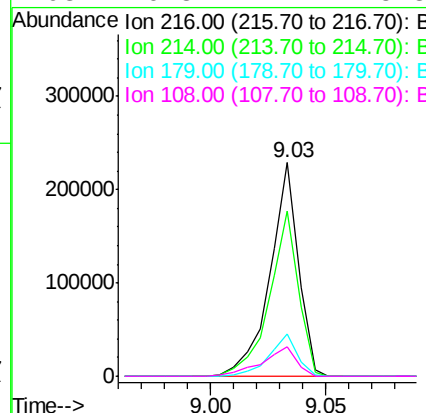
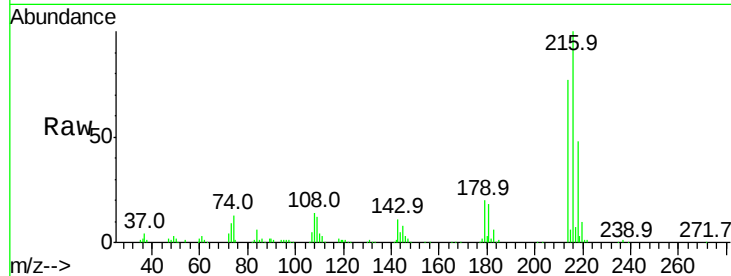
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.776 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF100730.D
 Acq: 20 Nov 2017 15:10

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-SOIL-04

Tot Ion	Ratio	Resp	Lower	Upper
216	100	196042		
214	78.4	63.0	94.4	
179	19.9	18.1	27.1	
108	16.8	17.2	25.8	

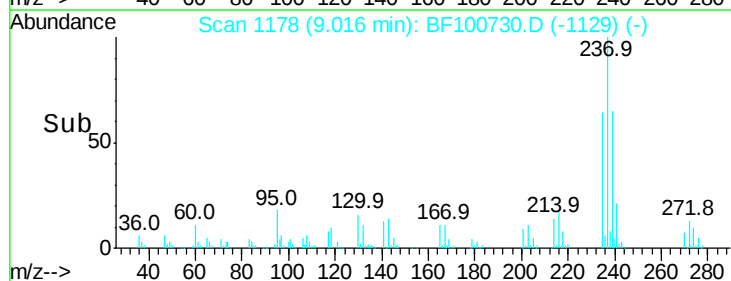
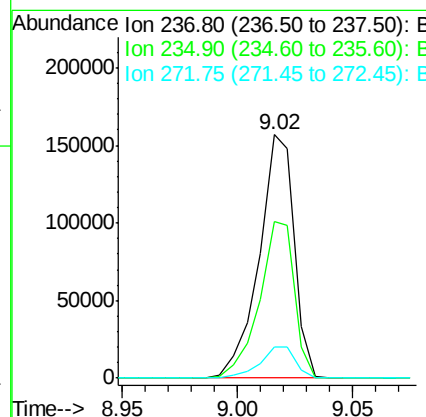
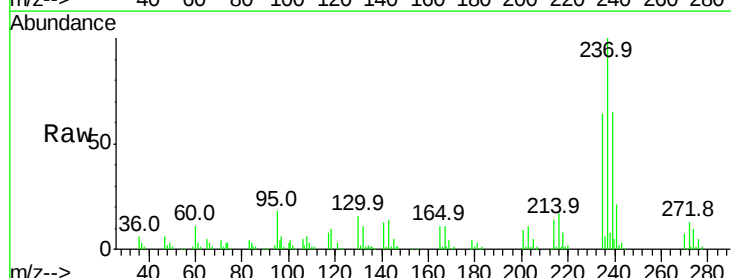
Manual Integrations
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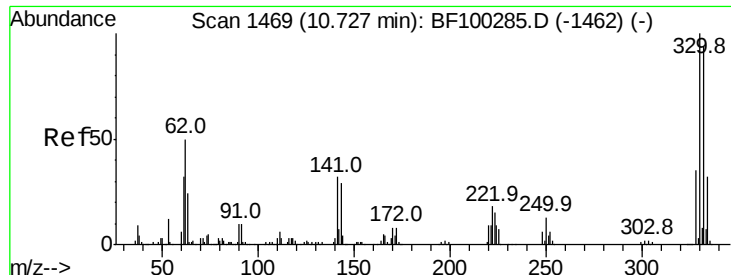
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#40
 Hexachlorocyclopentadiene
 Concen: 66.448 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF100730.D
 Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	166708		
235	64.2	44.8	84.8	
272	13.0	0.0	33.3	





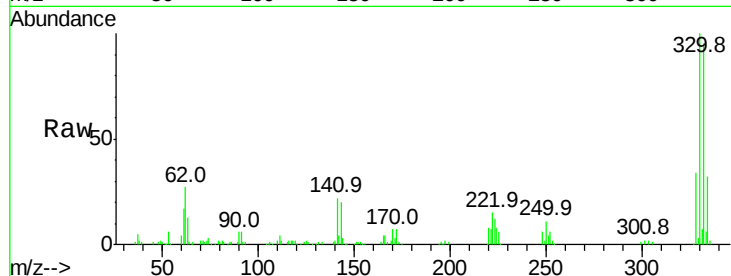
#41
 2,4,6-Tribromophenol
 Concen: 114.534 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100730.D
 Acq: 20 Nov 2017 15:10

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-SOIL-04

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.5	77.0	115.6	
141	29.1	29.9	44.9	

Manual Integrations
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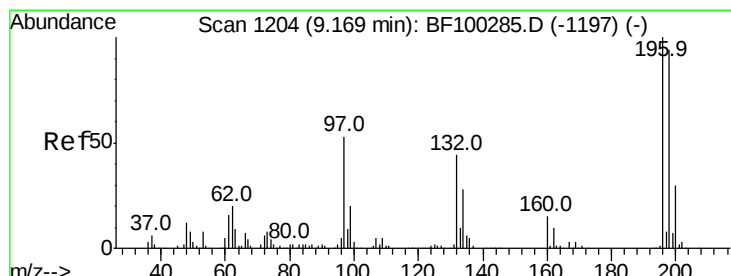
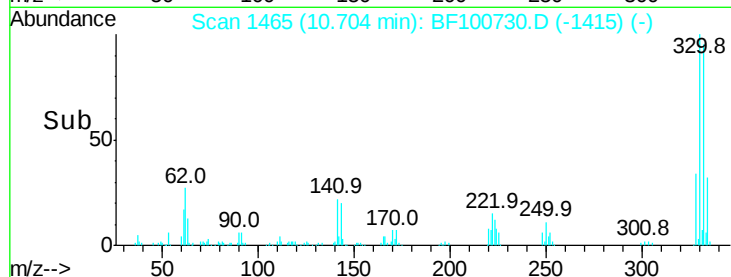
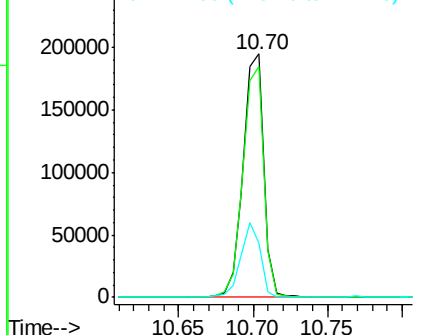


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 40.092 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF100730.D
 Acq: 20 Nov 2017 15:10

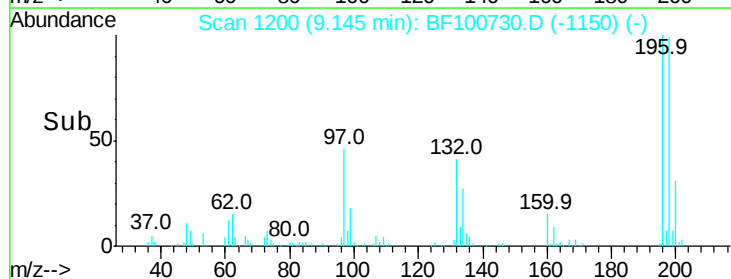
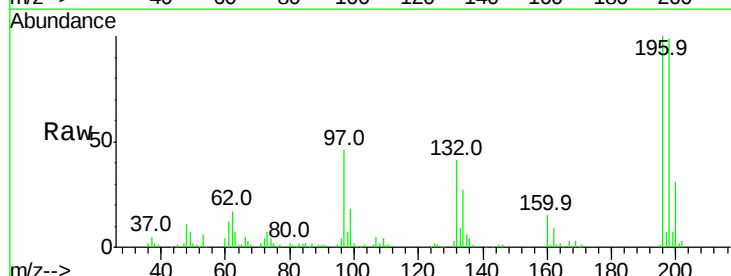
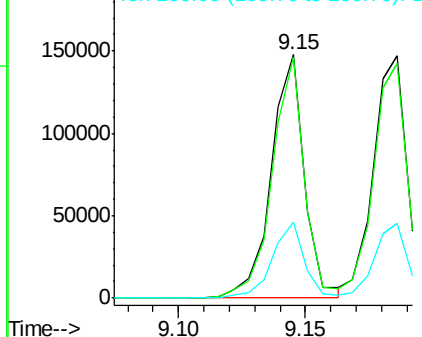
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.1	75.7	113.5	
200	31.1	24.5	36.7	

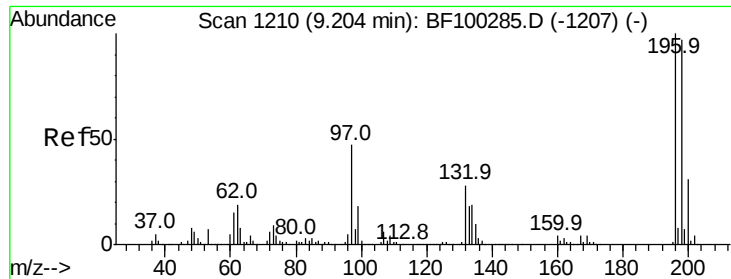
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





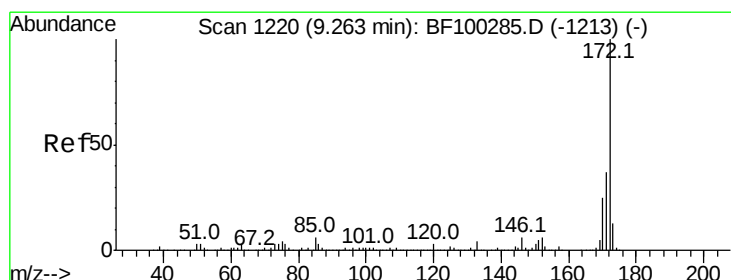
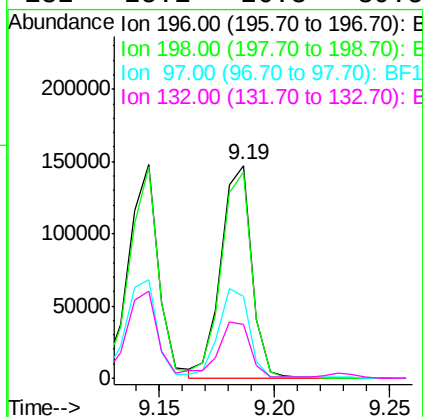
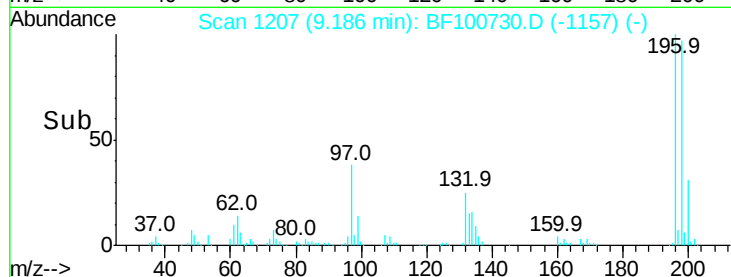
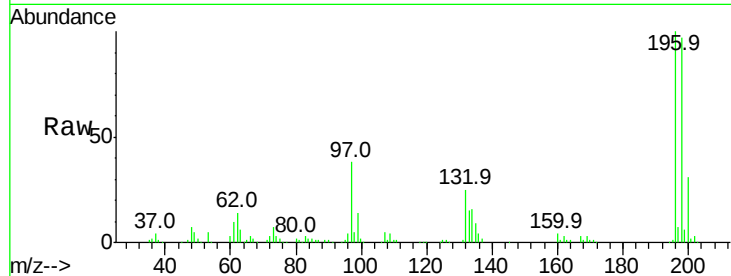
#43
 2,4,5-Trichlorophenol
 Concen: 38.935 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF100730.D
 Acq: 20 Nov 2017 15:10

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-SOIL-04

Tot Ion	Ratio	Resp	Lower	Upper
196	100	136288		
198	96.7	74.6	112.0	
97	38.5	42.9	64.3	
132	25.1	26.3	39.5	

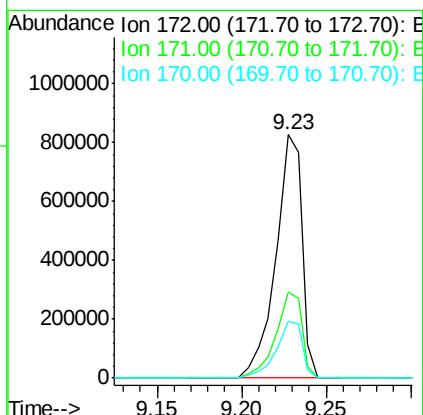
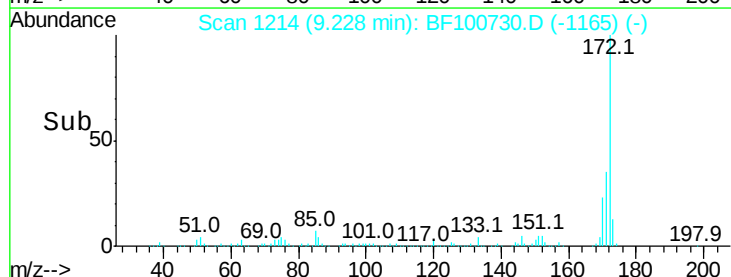
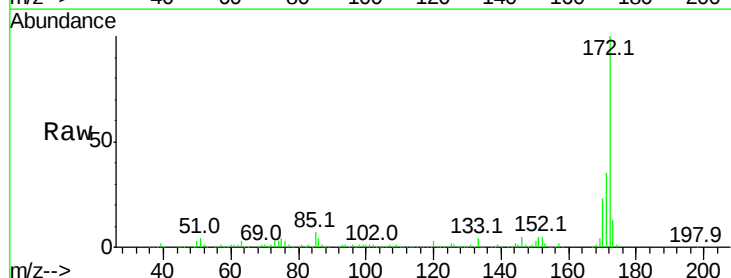
Manual Integrations
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 11/21/2017 2:15:14 PM



#44
 2-Fluorobiphenyl
 Concen: 84.317 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100730.D
 Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	890010		
171	35.4	29.7	44.5	
170	23.3	19.6	29.4	





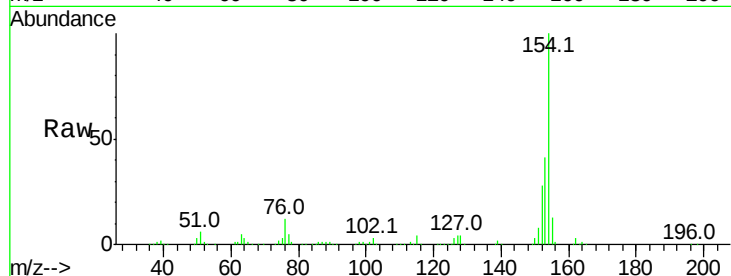
#45
 1,1'-Biphenyl
 Concen: 35.578 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF100730.D
 Acq: 20 Nov 2017 15:10

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-SOIL-04

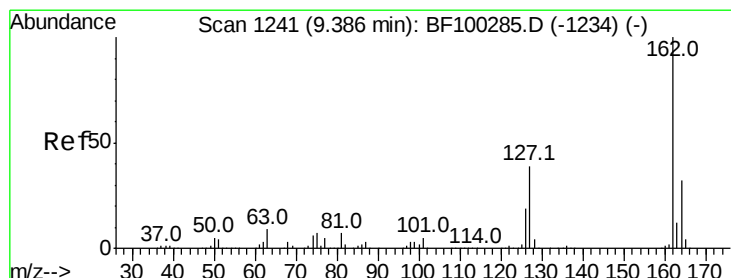
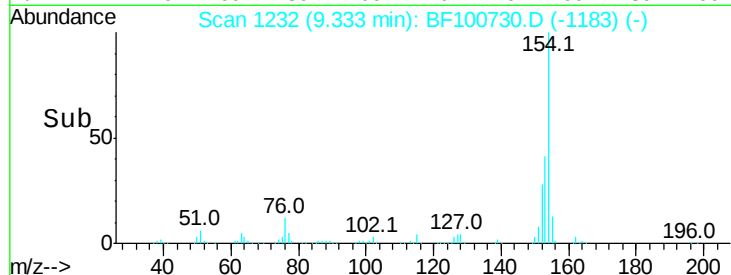
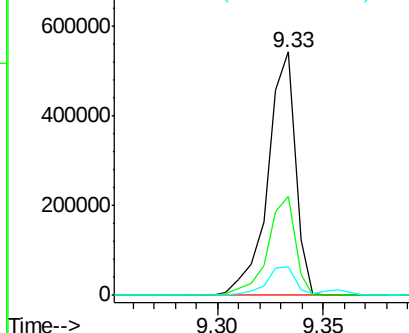
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.7	21.3	61.3	
76	11.6	0.0	34.0	

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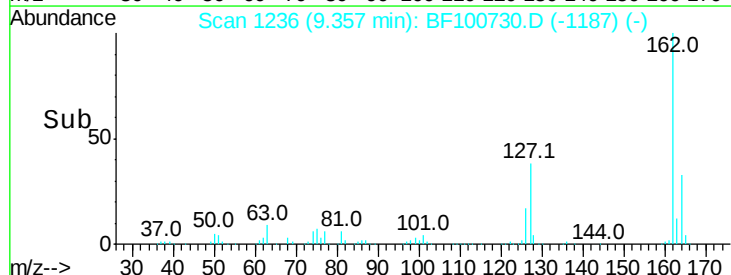
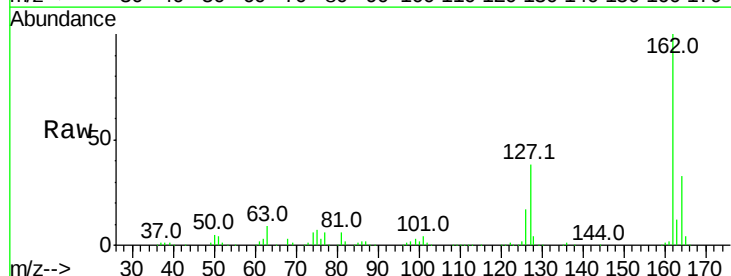
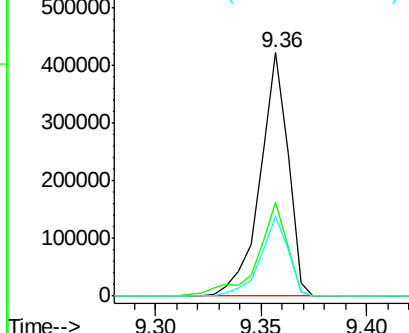
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

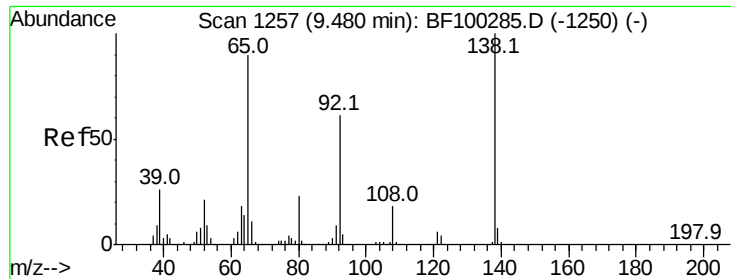


#46
 2-Chloronaphthalene
 Concen: 38.596 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BF100730.D
 Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.3	33.9	50.9	
164	32.8	26.5	39.7	

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: 37.775 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF100730.D

Acq: 20 Nov 2017 15:10

Instrument :

BNA_F

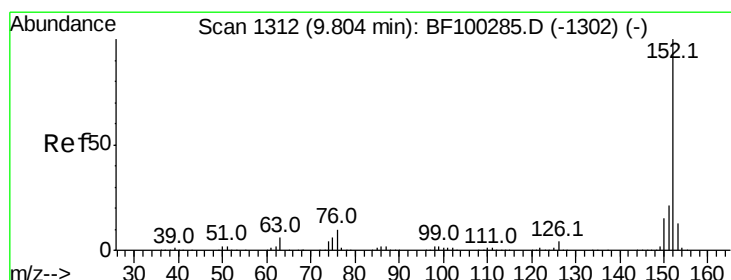
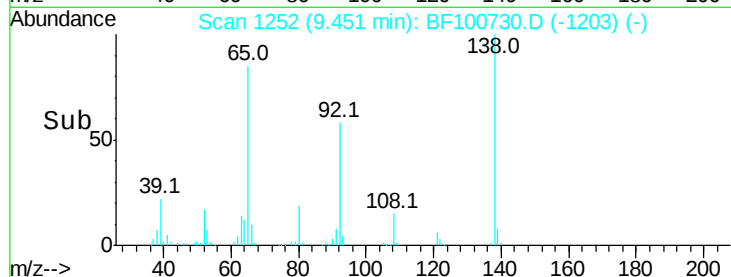
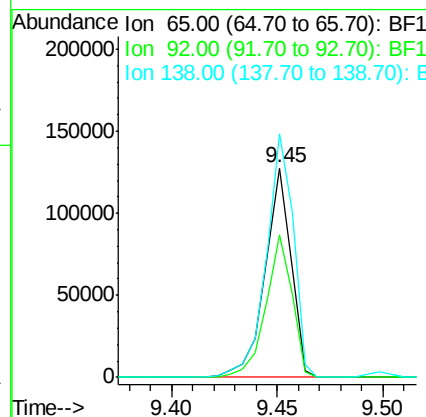
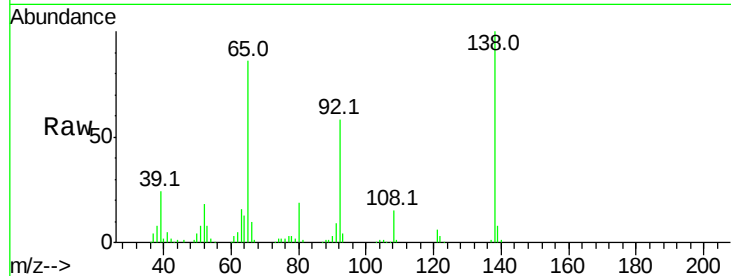
ClientSampleId :

IDOC-SOIL-04

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.9	55.8	83.6
138	116.4	91.2	136.8

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#48

Acenaphthylene

Concen: 35.231 ng

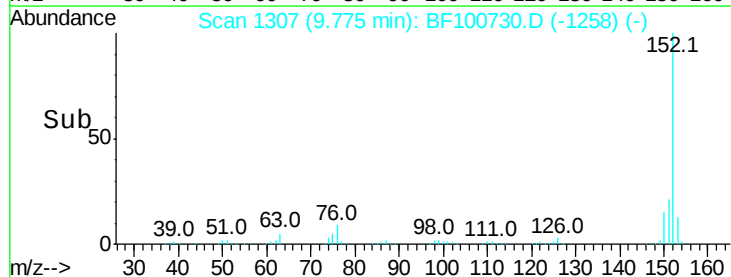
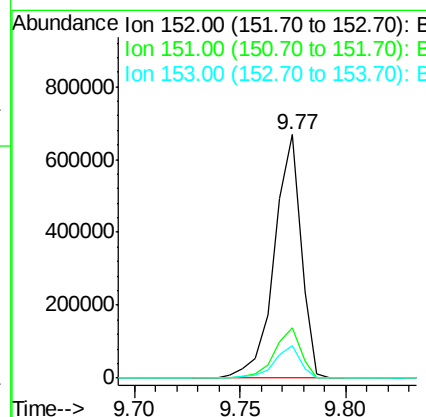
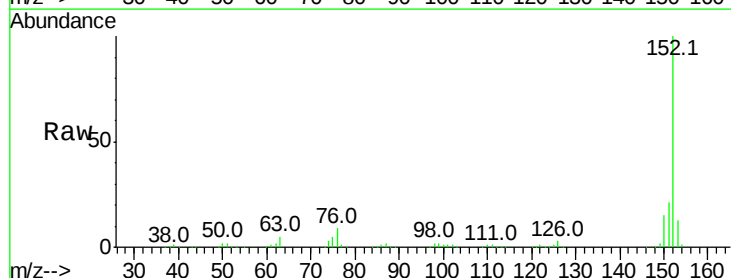
RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF100730.D

Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.2	10.7	16.1





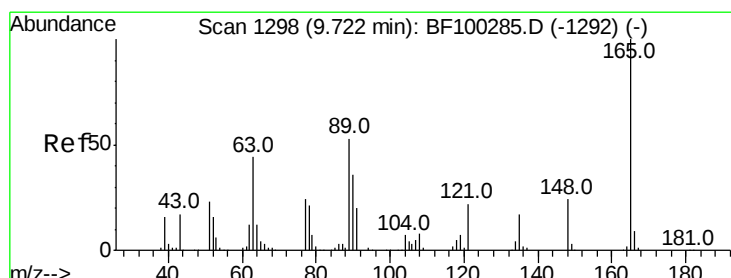
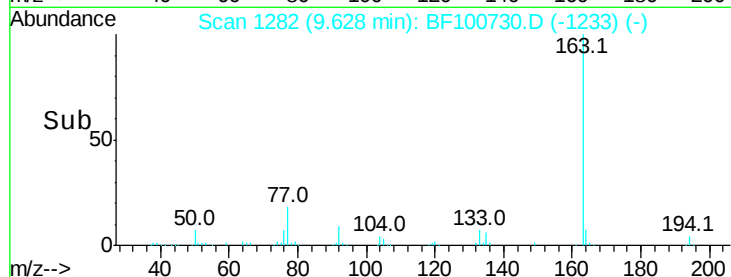
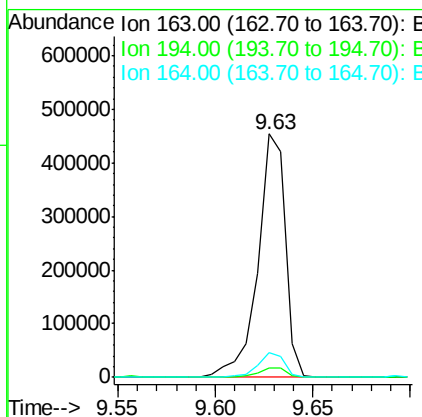
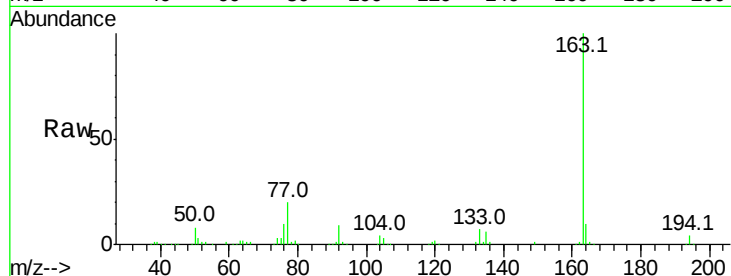
#49
Dimethylphthalate
Concen: 35.920 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Instrument :
BNA_F
ClientSampleId :
IDOC-SOIL-04

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.6	2.7	4.1	
164	10.3	8.2	12.2	

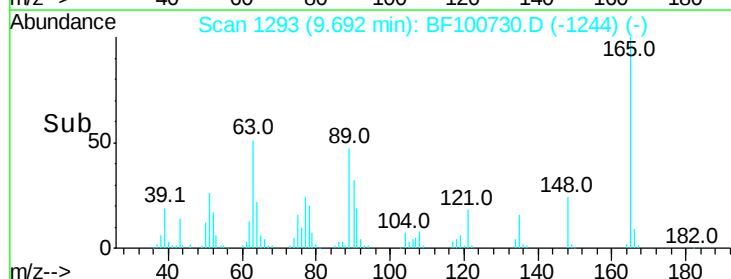
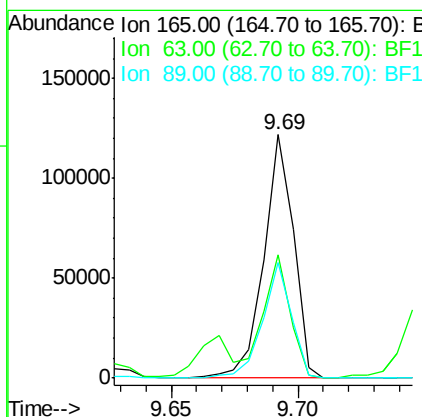
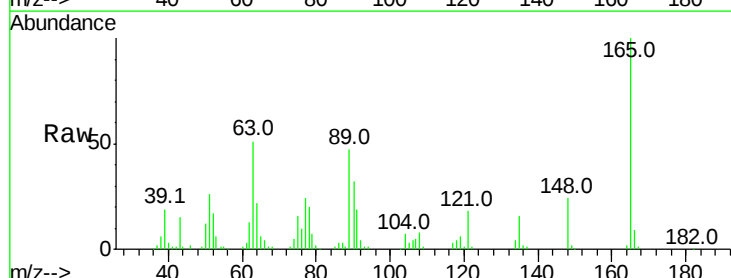
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#50
2,6-Dinitrotoluene
Concen: 41.047 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.7	44.7	67.1	
89	47.4	44.0	66.0	





#51

Acenaphthene

Concen: 35.676 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF100730.D

Acq: 20 Nov 2017 15:10

Instrument :

BNA_F

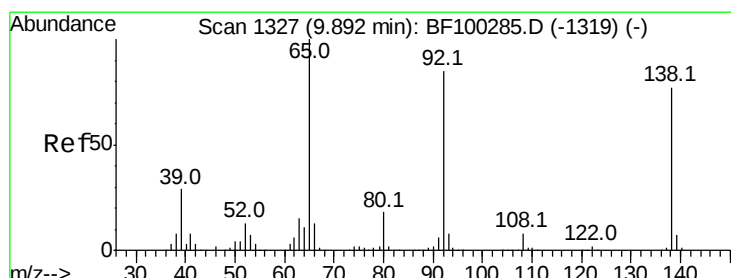
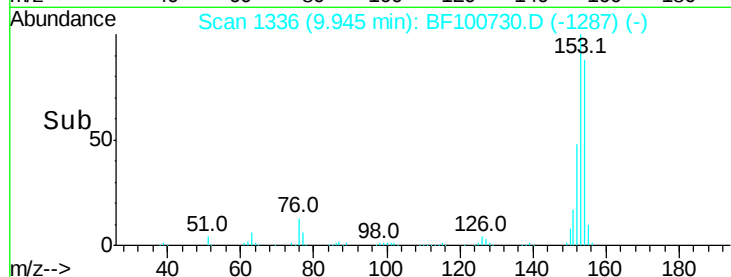
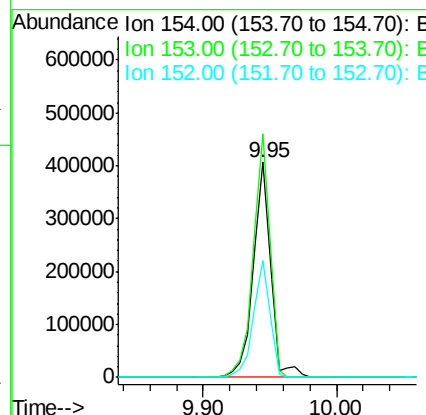
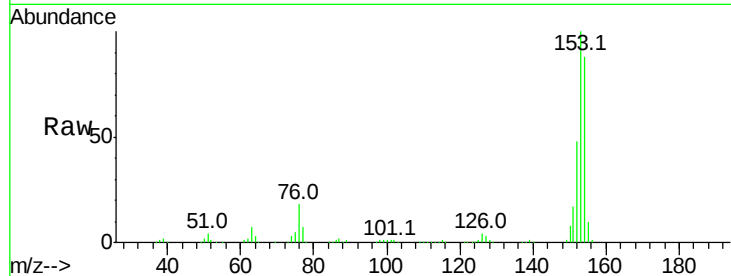
ClientSampleId :

IDOC-SOIL-04

Tot Ion:	154	Resp:	362637
Ion Ratio	Lower	Upper	
154	100		
153	113.2	91.2	136.8
152	54.1	43.8	65.8

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#52

3-Nitroaniline

Concen: 17.941 ng

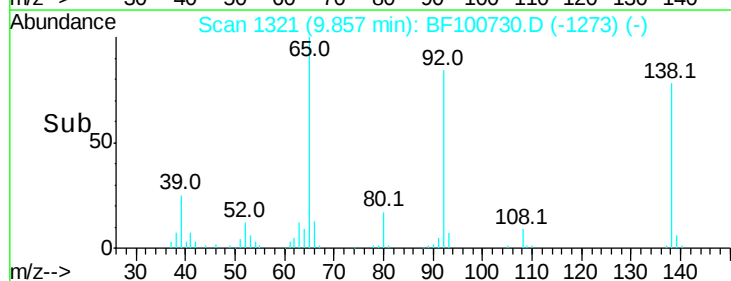
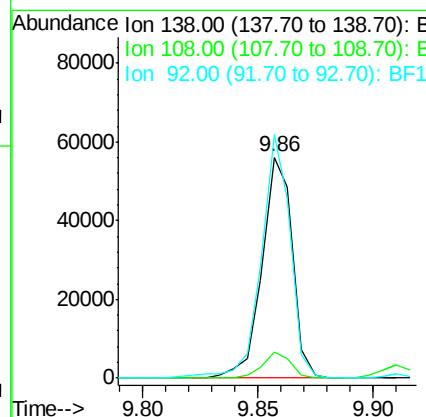
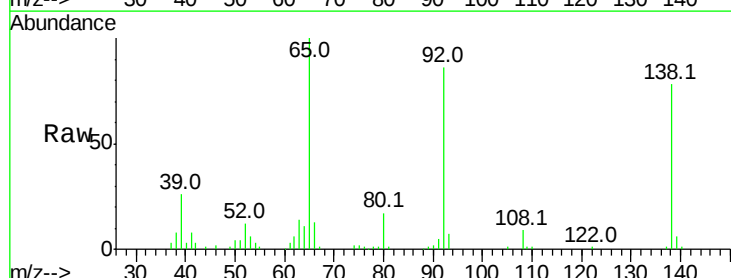
RT: 9.86 min Scan# 1321

Delta R.T. -0.02 min

Lab File: BF100730.D

Acq: 20 Nov 2017 15:10

Tgt Ion:	138	Resp:	51464
Ion Ratio	Lower	Upper	
138	100		
108	11.5	9.4	14.0
92	110.2	89.4	134.2





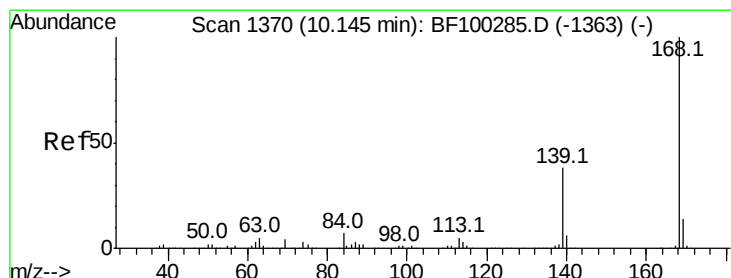
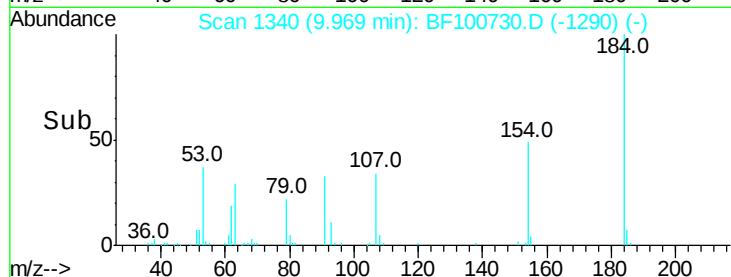
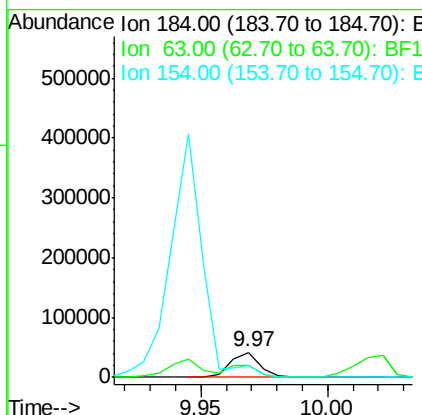
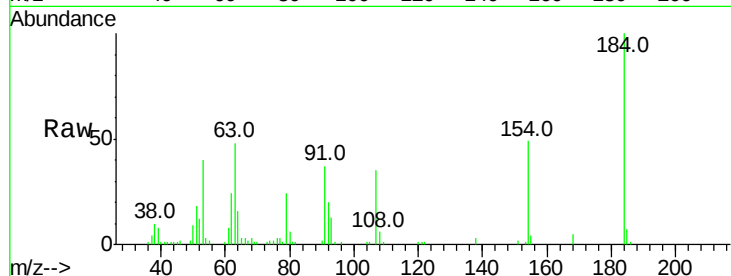
#53
2,4-Dinitrophenol
Concen: 43.100 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Instrument :
BNA_F
ClientSampleId :
IDOC-SOIL-04

Tot Ion:184 Resp: 34089
Ion Ratio Lower Upper
184 100
63 48.5 54.2 81.2#
154 48.6 184.0 276.0#

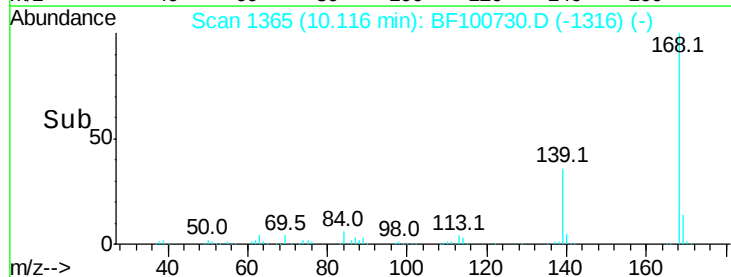
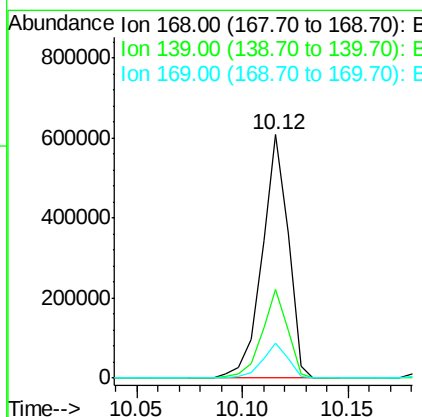
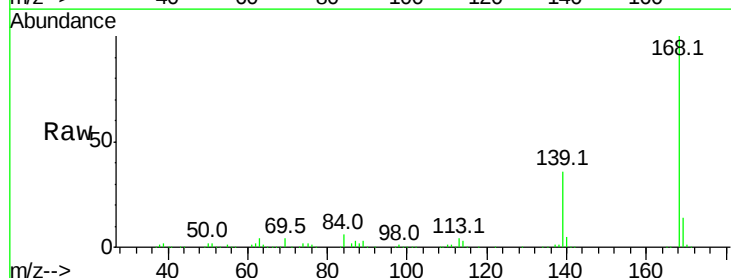
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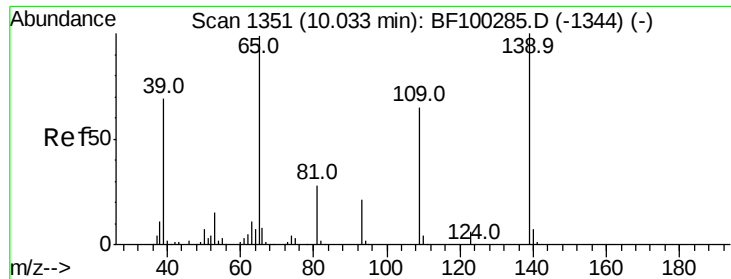
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#54
Dibenzofuran
Concen: 36.728 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Tgt Ion:168 Resp: 523251
Ion Ratio Lower Upper
168 100
139 36.2 30.1 45.1
169 14.2 10.9 16.3





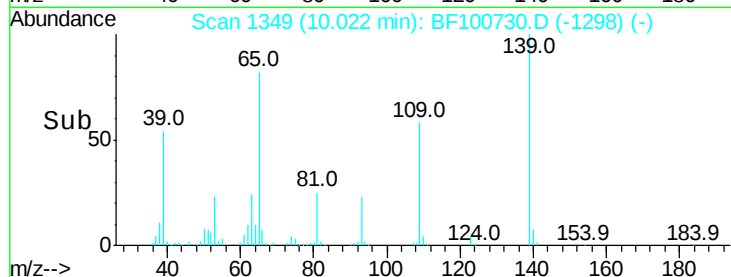
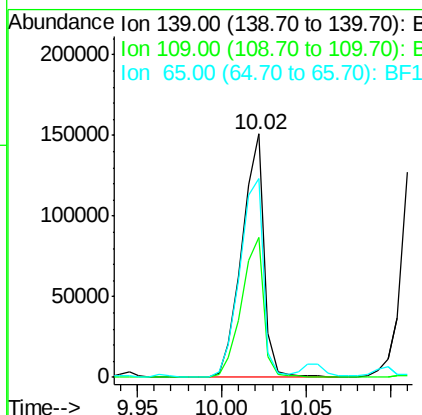
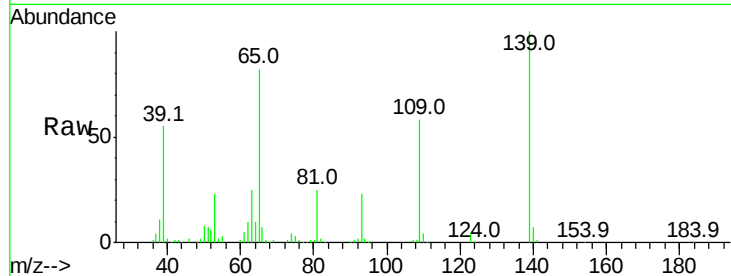
#55
4-Nitrophenol
Concen: 59.499 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Instrument :
BNA_F
ClientSampleId :
IDOC-SOIL-04

Tot Ion	Ratio	Resp	Lower	Upper
139	100	138583		
109	57.6	48.4	88.4	
65	81.6	72.6	112.6	

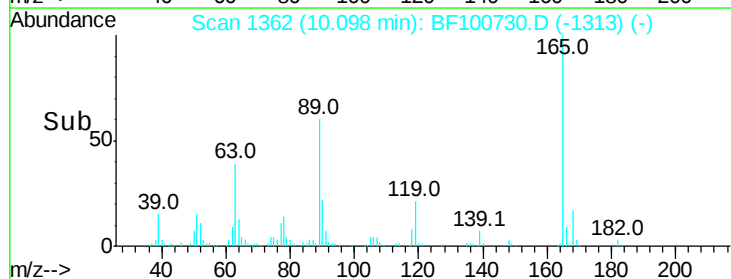
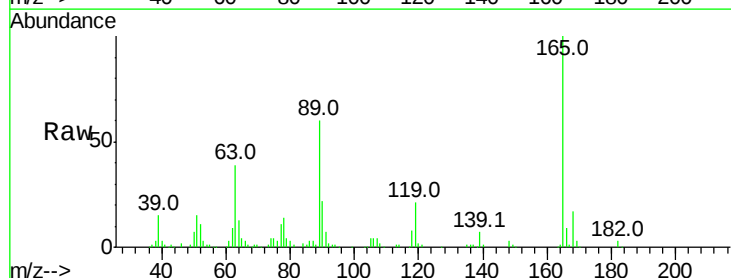
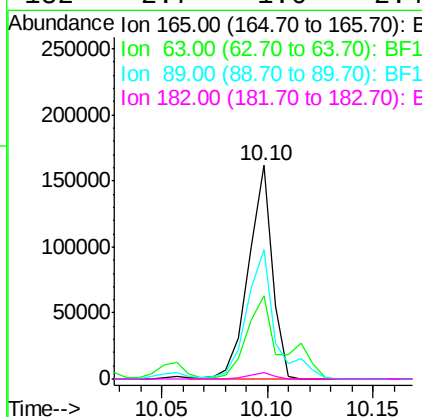
Manual Integrations
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#56
2,4-Dinitrotoluene
Concen: 41.471 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	127088		
63	38.7	36.4	54.6	
89	60.4	57.8	86.6	
182	2.7	1.6	2.4#	





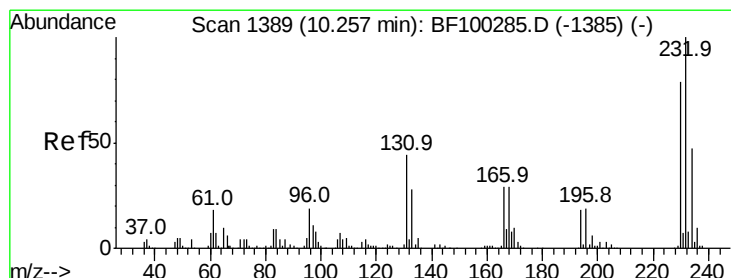
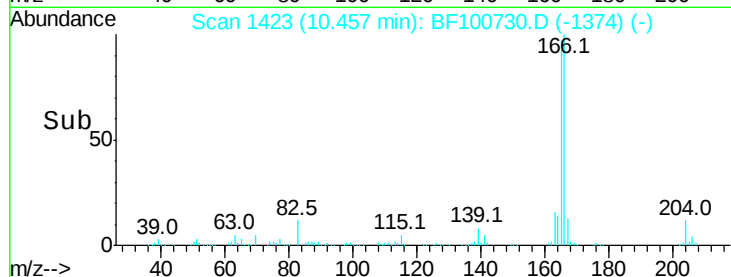
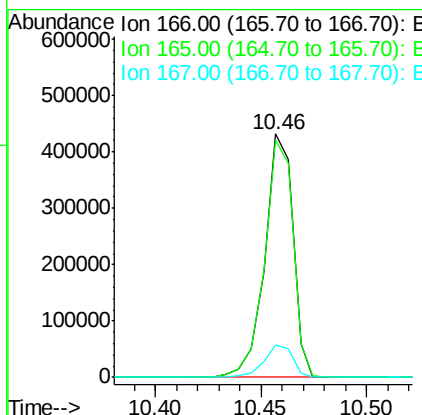
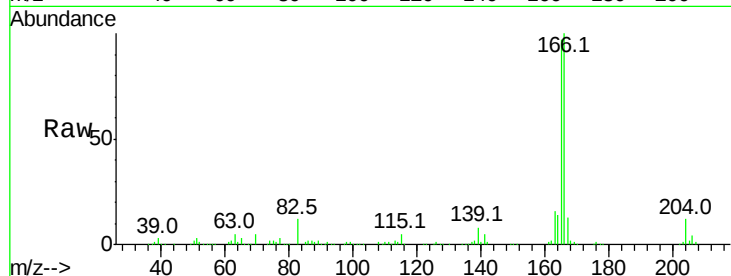
#57
Fluorene
 Concen: 38.531 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF100730.D
 Acq: 20 Nov 2017 15:10

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-SOIL-04

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.3	79.8	119.8	
167	13.2	10.6	16.0	

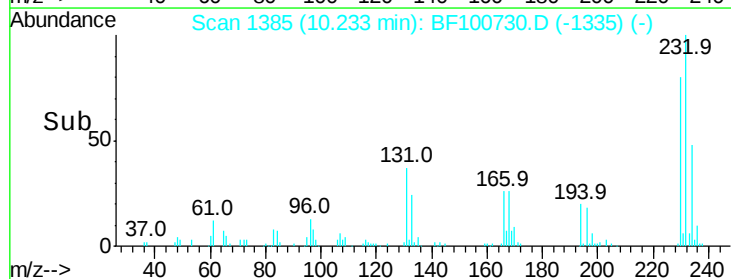
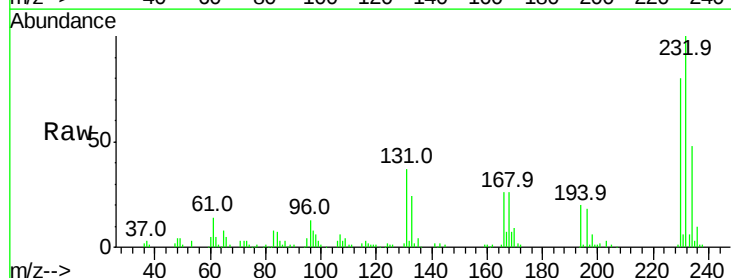
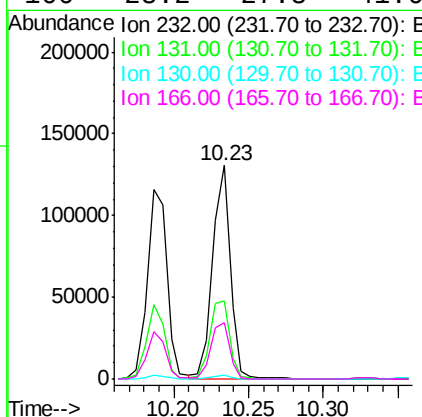
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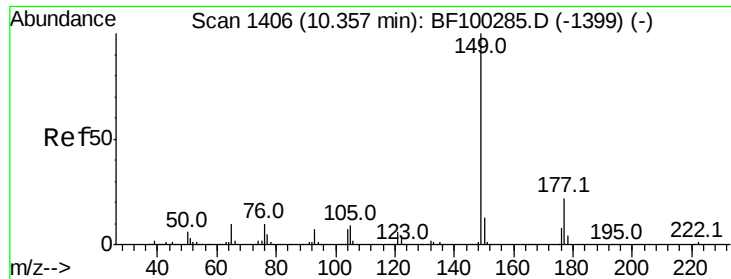
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 37.973 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF100730.D
 Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	40.5	43.8	65.8#	
130	1.8	2.1	3.1#	
166	28.2	27.8	41.6	





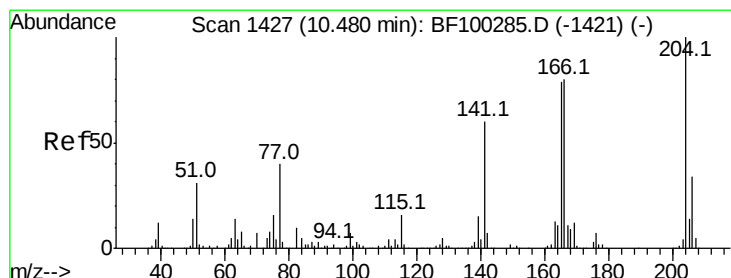
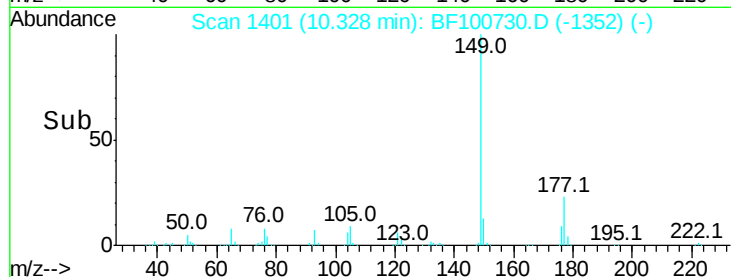
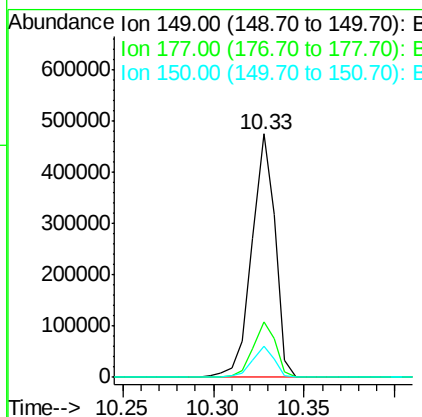
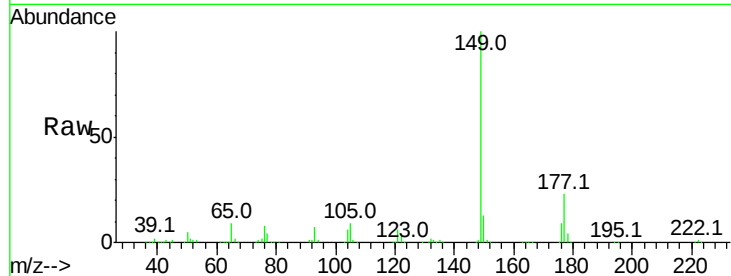
#59
Diethylphthalate
Concen: 34.326 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Instrument :
BNA_F
ClientSampleId :
IDOC-SOIL-04

Tot Ion	Ratio	Resp	Lower	Upper
149	100	421557		
177	22.6	16.1	24.1	
150	12.6	10.1	15.1	

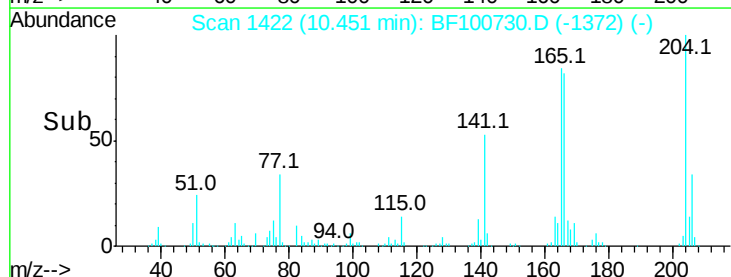
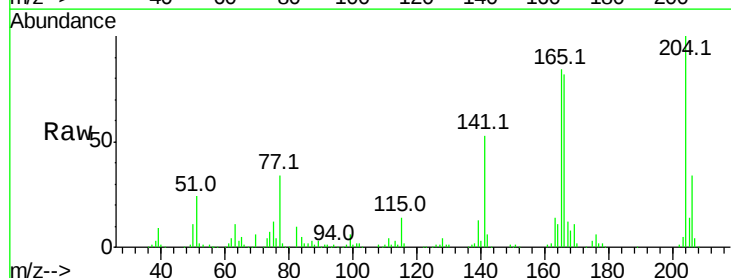
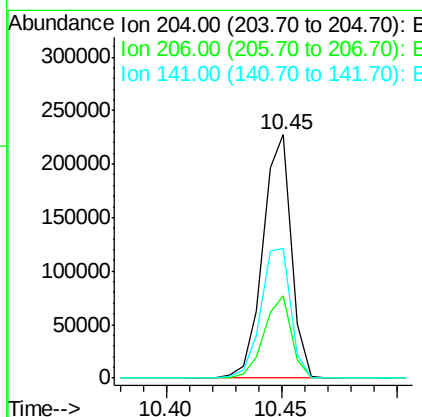
Manual Integrations
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#60
4-Chlorophenyl-phenylether
Concen: 38.175 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	195447		
206	33.6	26.5	39.7	
141	53.3	54.6	81.8#	





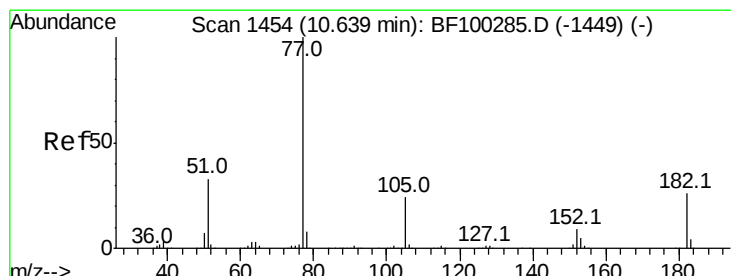
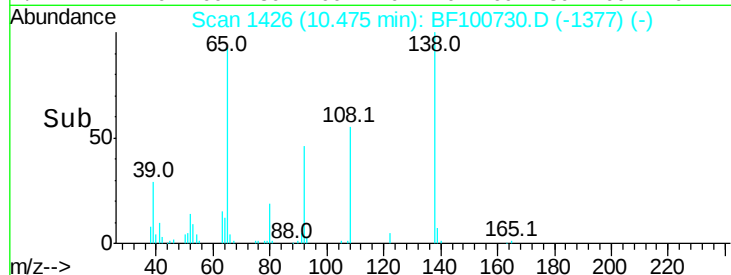
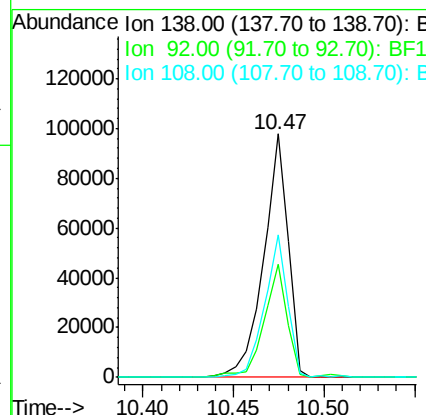
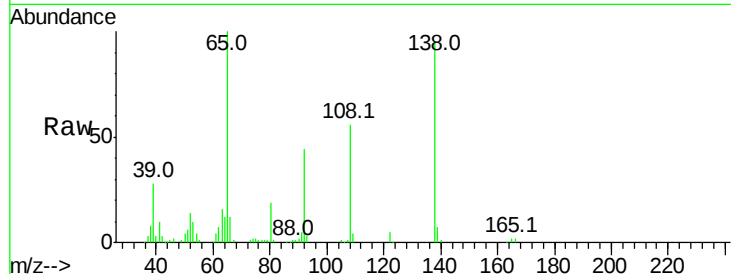
#61
4-Nitroaniline
Concen: 33.868 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Instrument :
BNA_F
ClientSampleId :
IDOC-SOIL-04

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.4	30.2	70.2
108	58.4	52.5	92.5

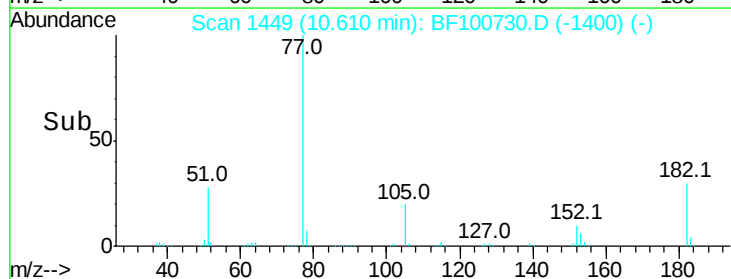
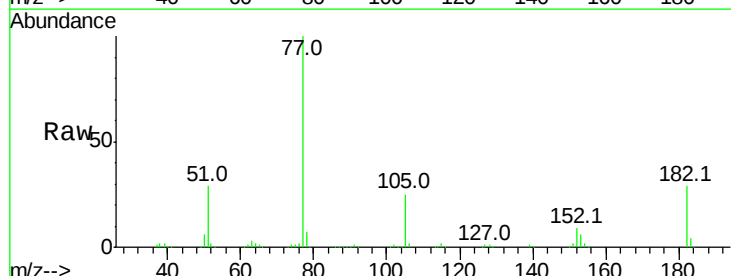
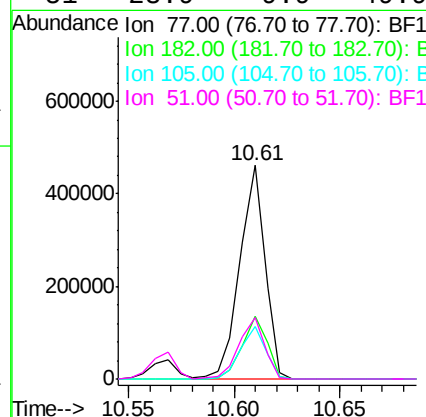
Manual Integrations
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11/21/2017 2:15:14 PM



#62
Azobenzene
Concen: 32.857 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.1	1.7	41.7
105	24.7	3.0	43.0
51	28.9	9.9	49.9





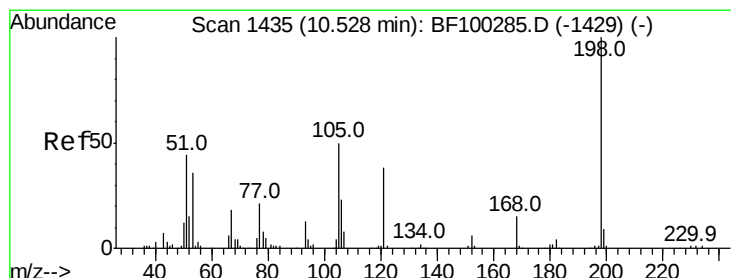
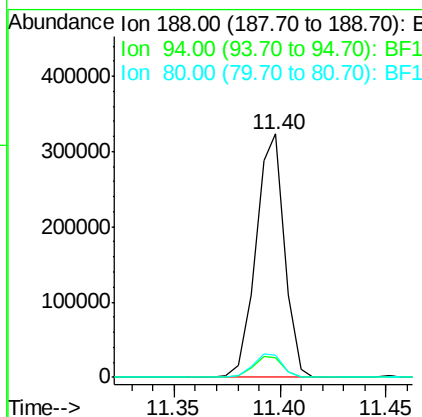
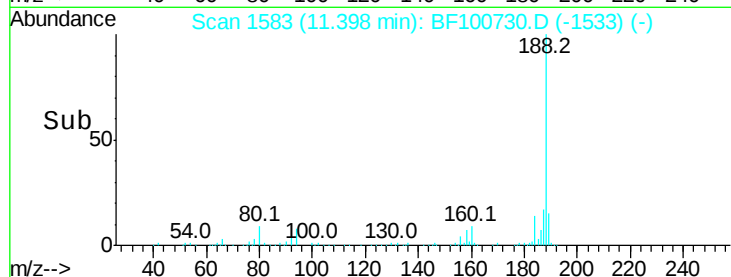
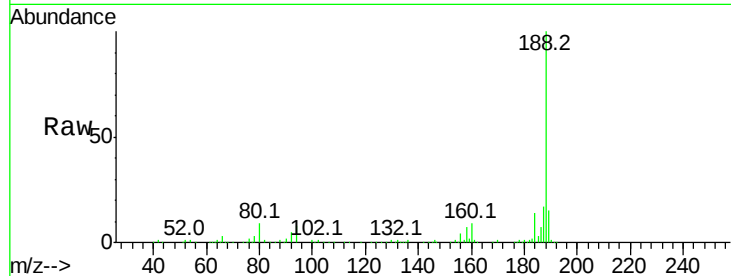
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Instrument :
BNA_F
ClientSampleId :
IDOC-SOIL-04

Tot Ion	Ratio	Resp	Lower	Upper
188	100	304067		
94	8.2		8.5	12.7#
80	9.0		9.2	13.8#

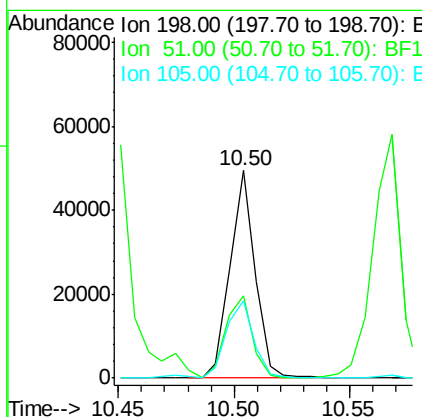
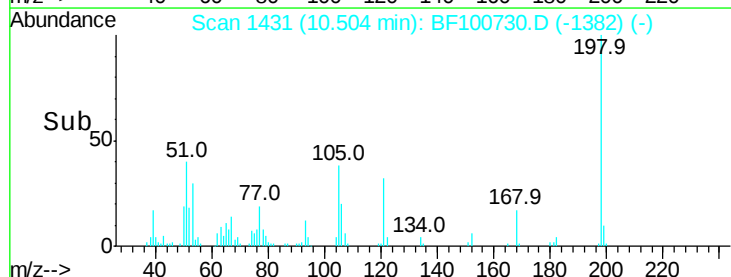
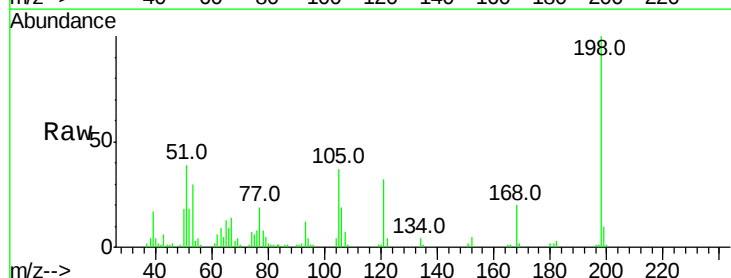
Manual Integrations
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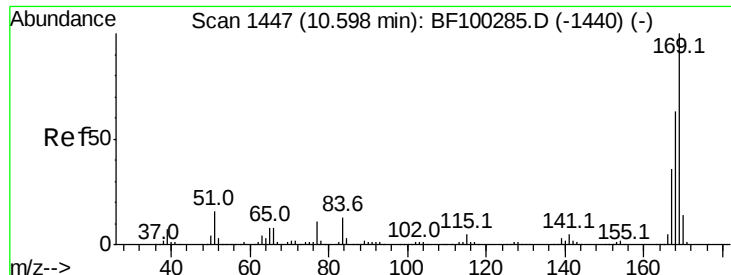
SOHIL
11/21/2017 2:15:14 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 28.621 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	37474		
51	39.4		37.7	77.7
105	37.4		36.3	76.3





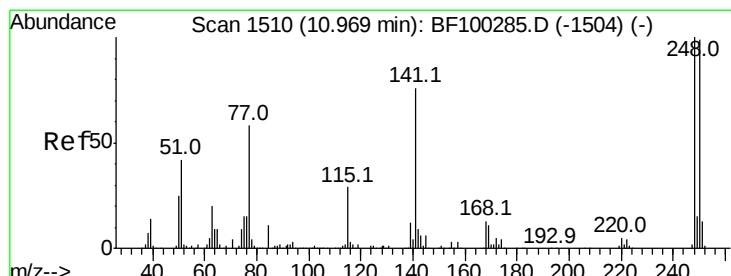
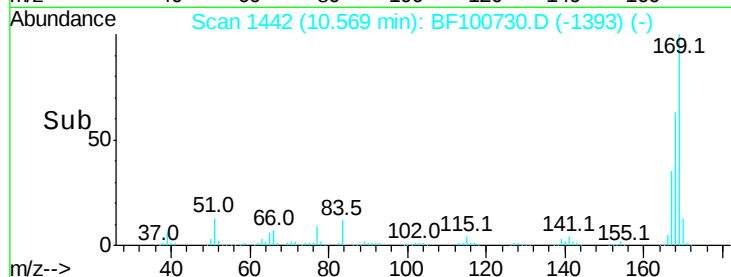
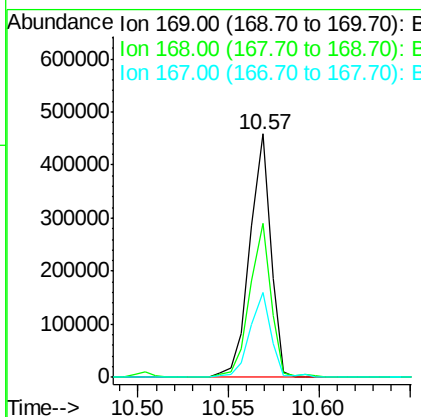
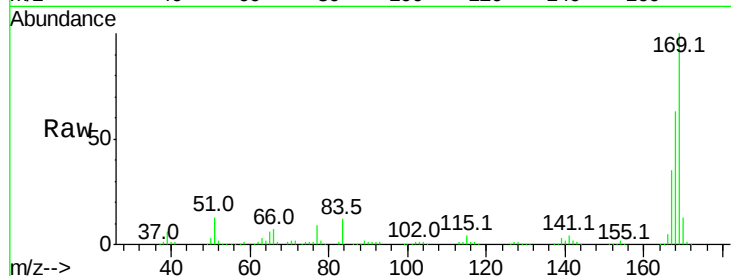
#65
n-Nitrosodiphenylamine
Concen: 35.160 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Instrument :
BNA_F
ClientSampleId :
IDOC-SOIL-04

Tot Ion	Ratio	Resp	Lower	Upper
169	100	371736		
168	63.5		54.4	81.6
167	34.8		29.8	44.6

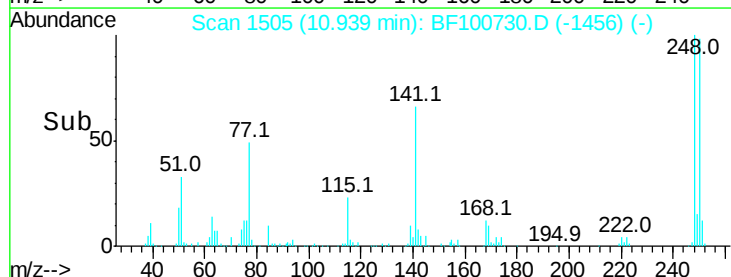
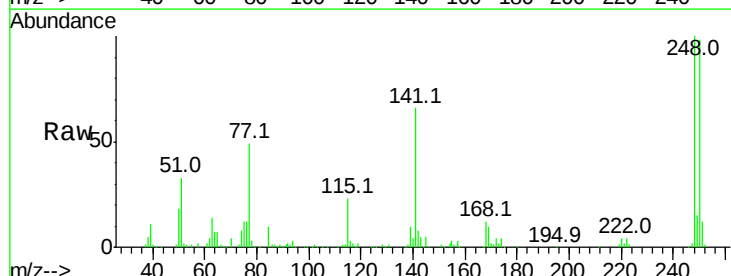
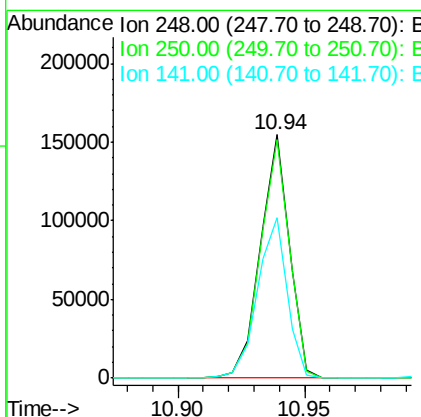
Manual Integrations
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#66
4-Bromophenyl-phenylether
Concen: 38.093 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	124166		
250	97.9		76.9	115.3
141	65.9		74.4	111.6#





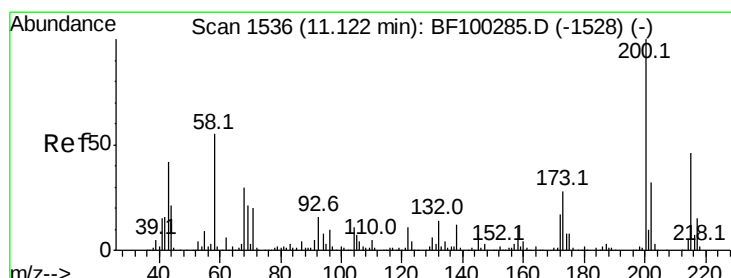
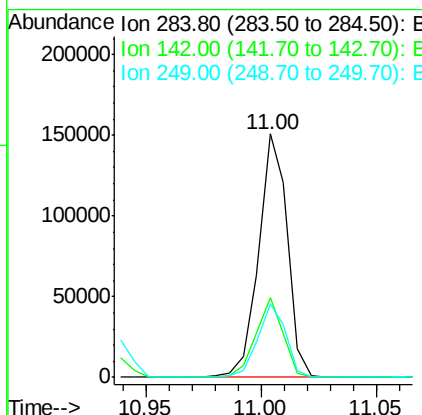
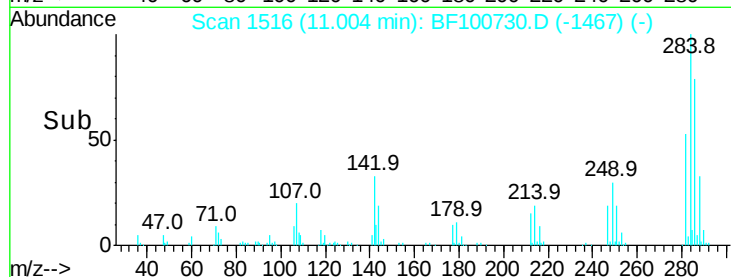
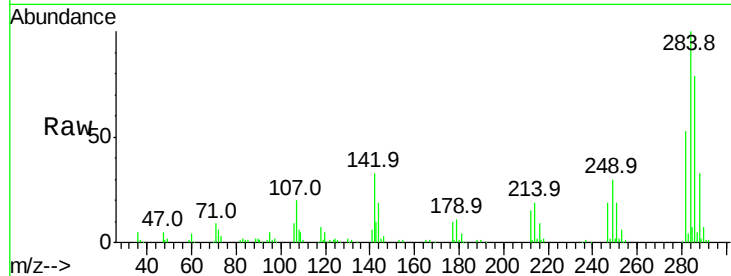
#67
Hexachlorobenzene
Concen: 38.259 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Instrument :
BNA_F
ClientSampleId :
IDOC-SOIL-04

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	32.7	34.6	52.0#	
249	30.2	24.8	37.2	

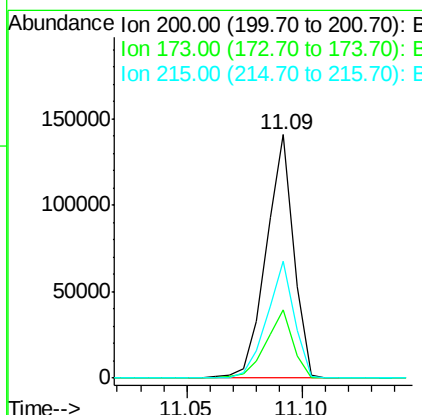
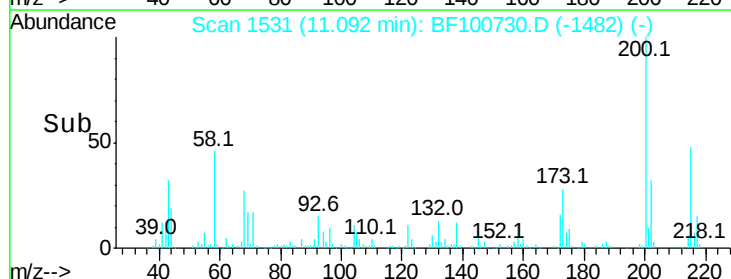
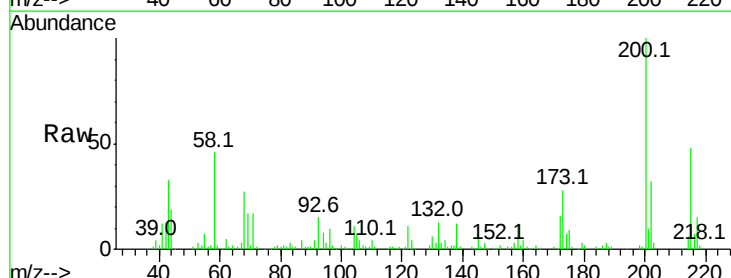
Manual Integrations
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11/21/2017 2:15:14 PM



#68
Atrazine
Concen: 36.260 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.9	8.6	48.6	
215	48.3	25.1	65.1	





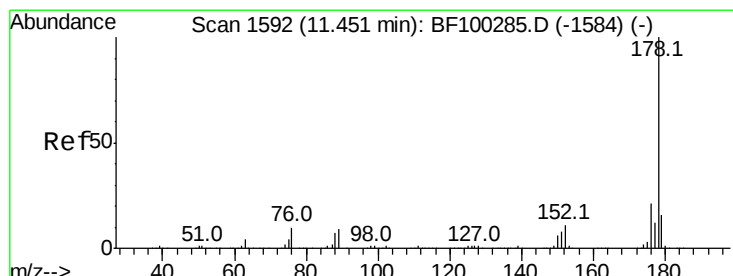
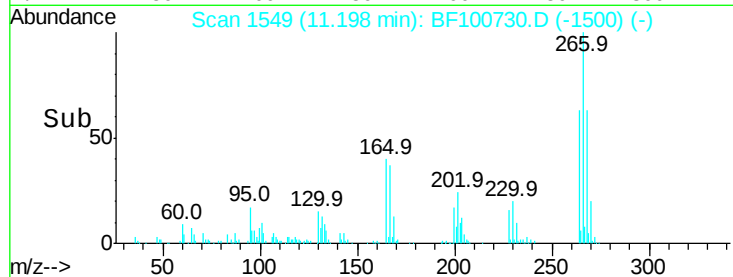
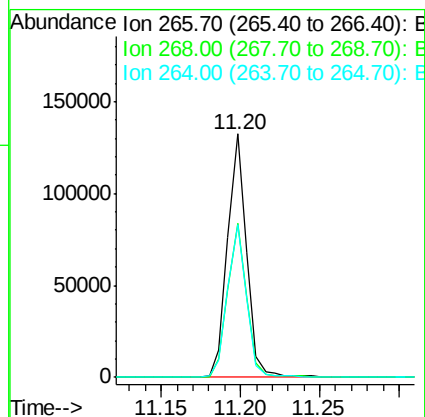
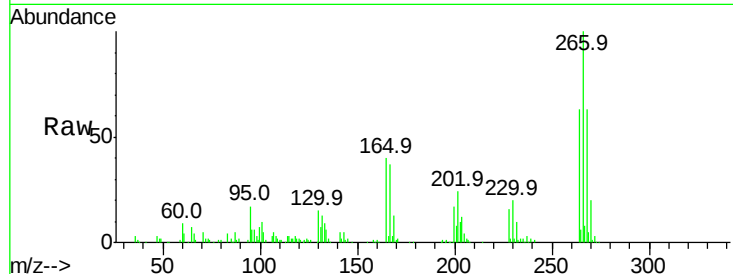
#69
 Pentachlorophenol
 Concen: 45.259 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF100730.D
 Acq: 20 Nov 2017 15:10

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-SOIL-04

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.4	51.1	76.7	
264	62.8	49.5	74.3	

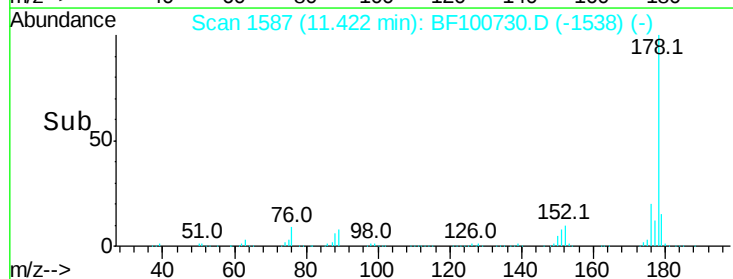
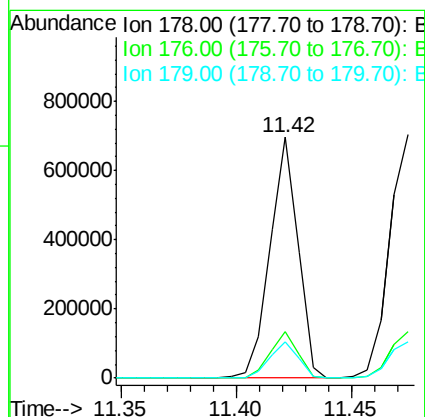
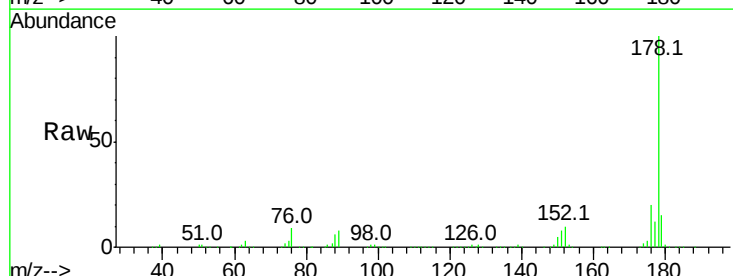
Manual Integrations
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#70
 Phenanthrene
 Concen: 36.649 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100730.D
 Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.5	15.8	23.8	
179	15.2	13.0	19.6	





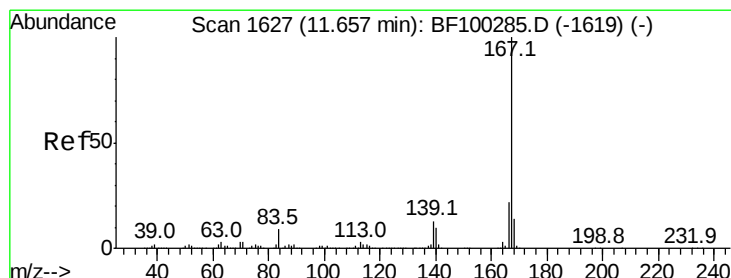
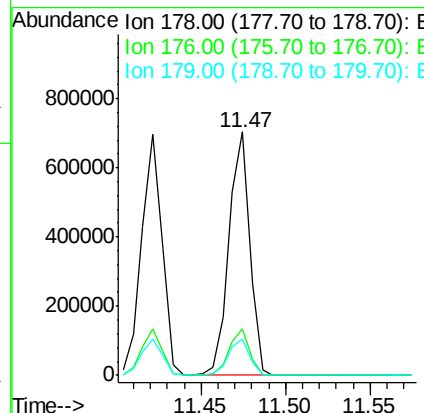
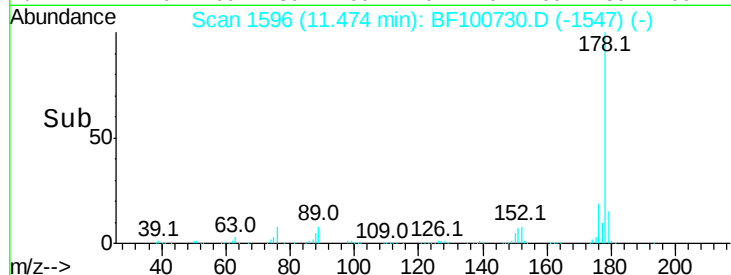
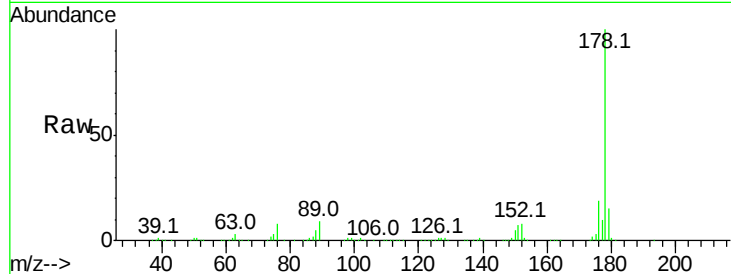
#71
 Anthracene
 Concen: 37.234 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF100730.D
 Acq: 20 Nov 2017 15:10

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-SOIL-04

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.1	12.6	19.0

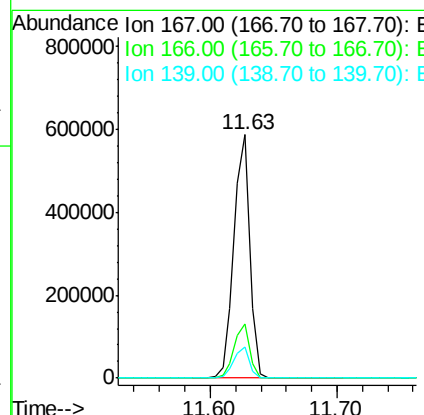
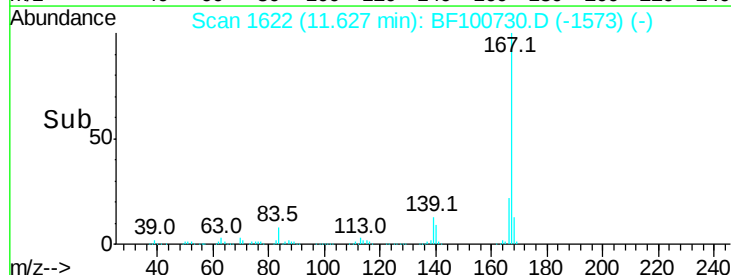
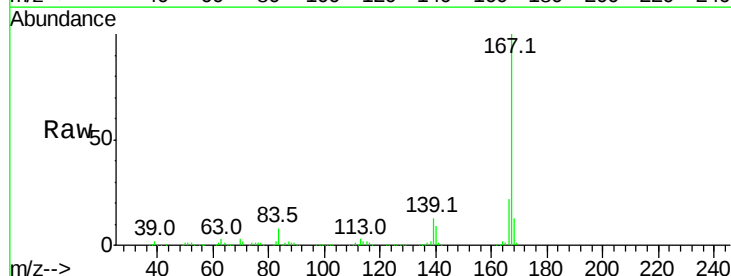
Manual Integrations
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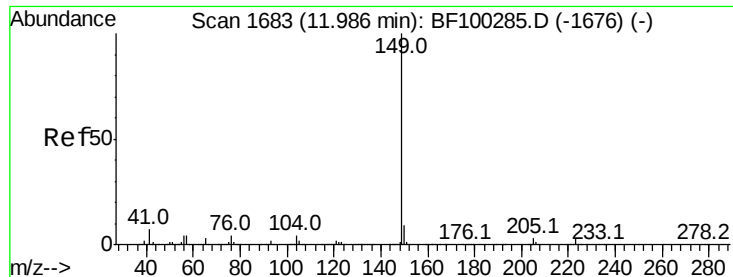
SOHIL
 11/21/2017 2:15:14 PM



#72
 Carbazole
 Concen: 33.907 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF100730.D
 Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	12.7	10.9	16.3





#73

Di-n-butylphthalate

Concen: 36.411 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BF100730.D

Acq: 20 Nov 2017 15:10

Instrument :

BNA_F

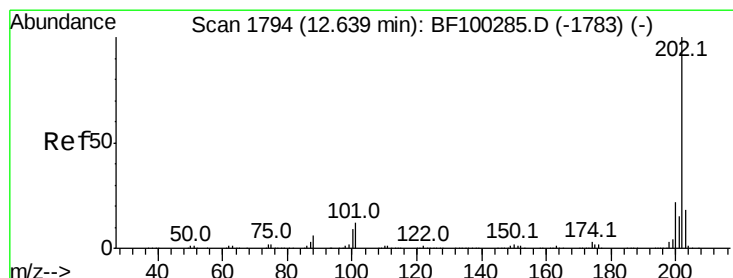
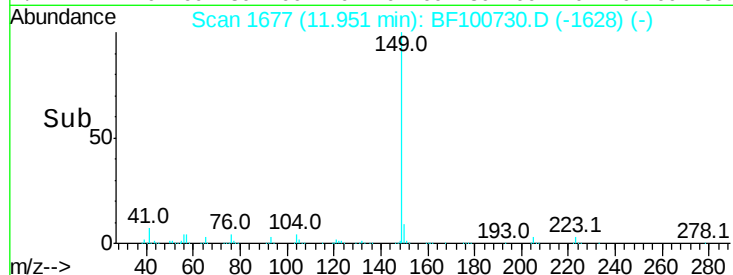
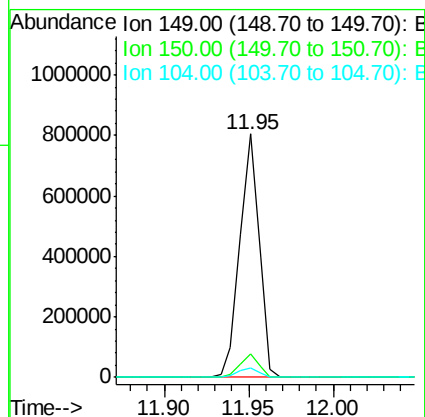
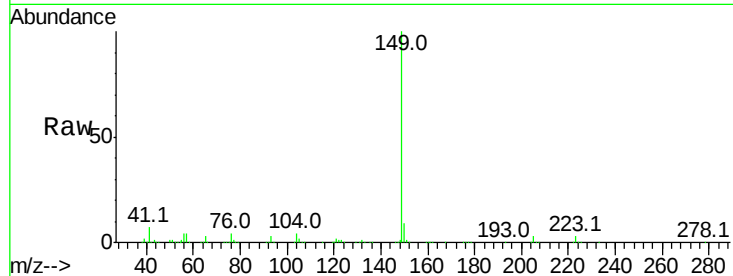
ClientSampleId :

IDOC-SOIL-04

Tot Ion:	149	Resp:	638586
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	4.0	3.8	5.8

Manual Integrations
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11/21/2017 2:15:14 PM



#74

Fluoranthene

Concen: 33.297 ng

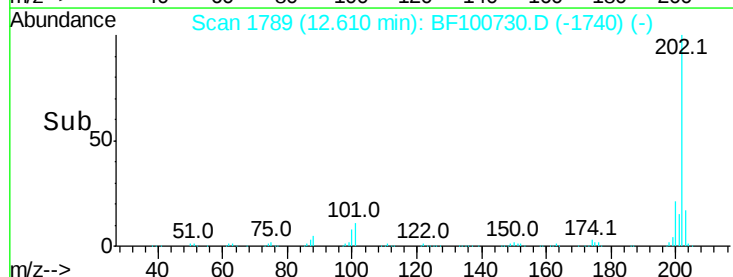
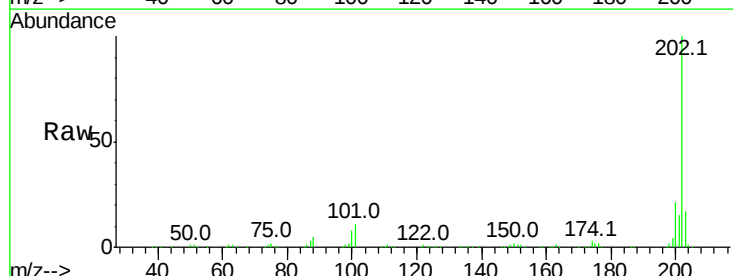
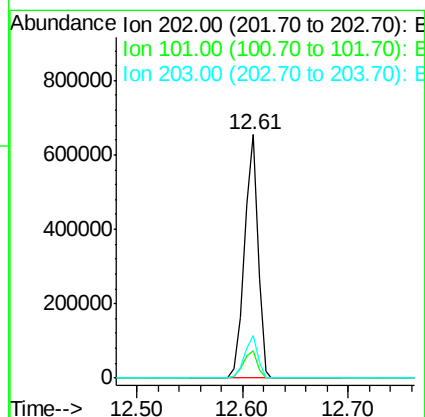
RT: 12.61 min Scan# 1789

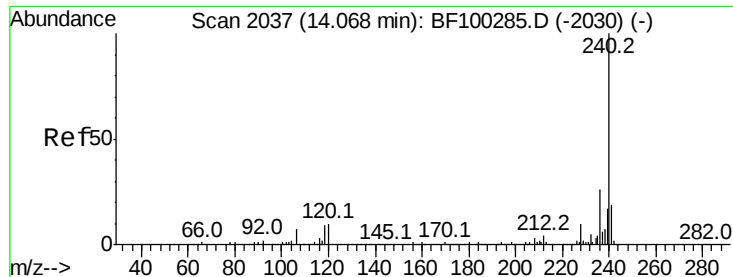
Delta R.T. -0.01 min

Lab File: BF100730.D

Acq: 20 Nov 2017 15:10

Tgt Ion:	202	Resp:	564958
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	34.1
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF100730.D

Acq: 20 Nov 2017 15:10

Instrument :

BNA_F

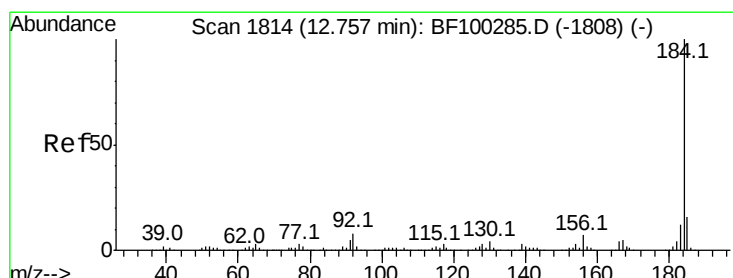
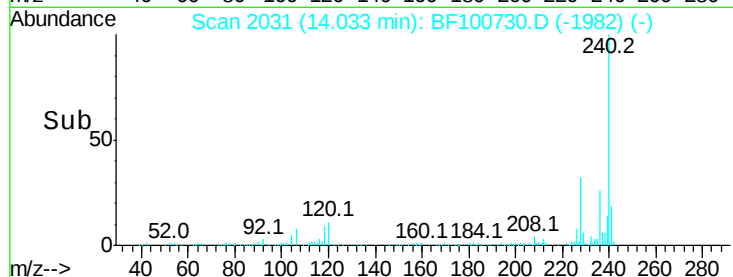
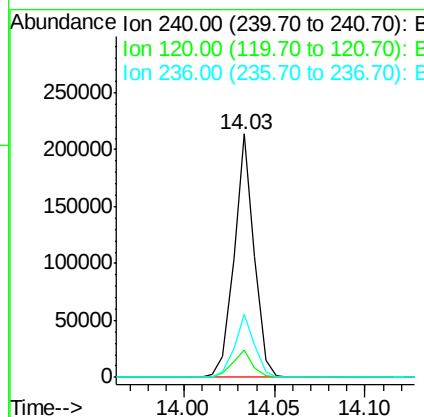
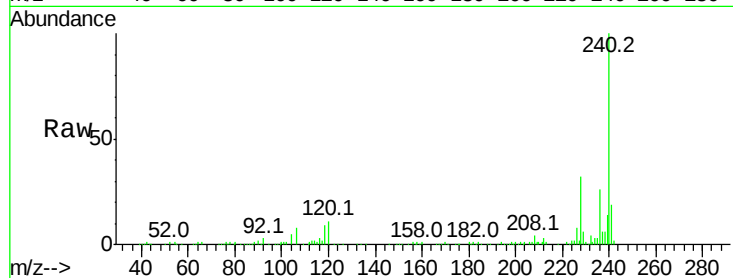
ClientSampleId :

IDOC-SOIL-04

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	25.7	20.7	31.1

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#76

Benzidine

Concen: 16.353 ng

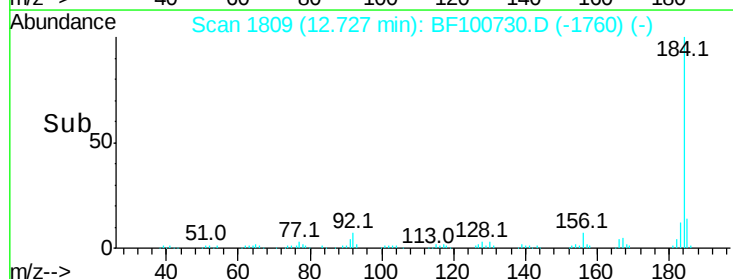
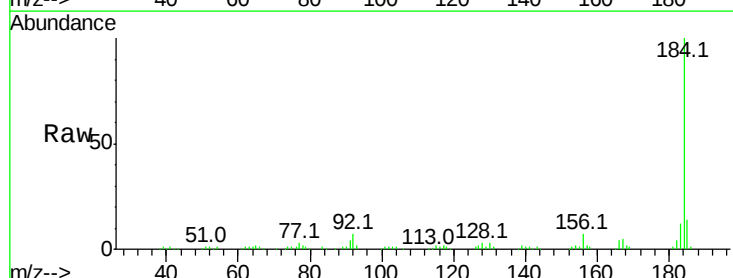
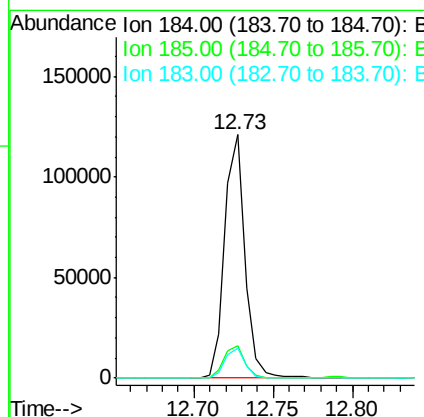
RT: 12.73 min Scan# 1809

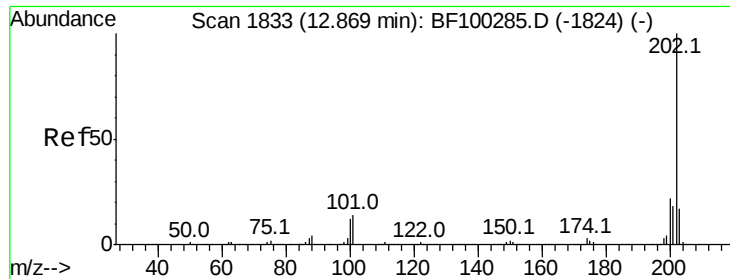
Delta R.T. -0.01 min

Lab File: BF100730.D

Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.5	12.6	18.8
183	12.0	9.3	13.9





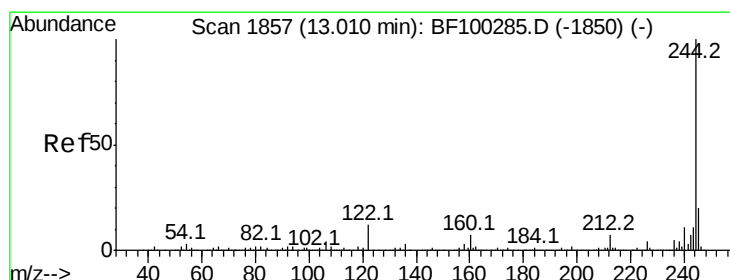
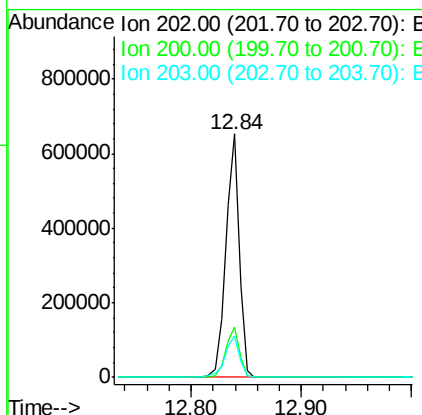
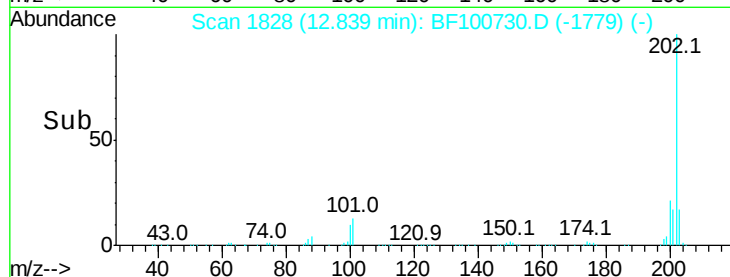
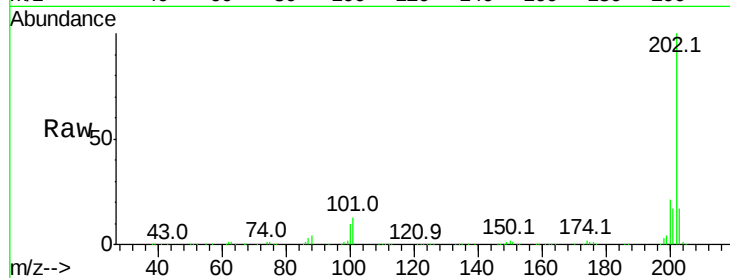
#77
Pvrene
Concen: 47.454 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Instrument :
BNA_F
ClientSampleId :
IDOC-SOIL-04

Tot Ion	Ratio	Resp	Lower	Upper
202	100	553014		
200	20.7		17.4	26.2
203	17.2		14.3	21.5

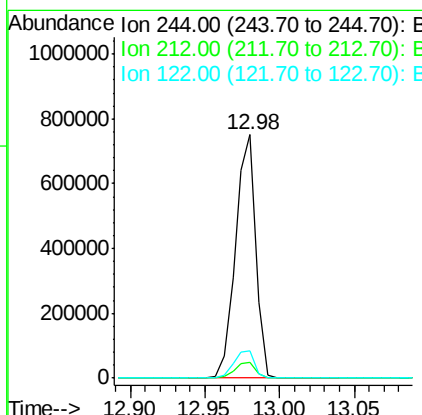
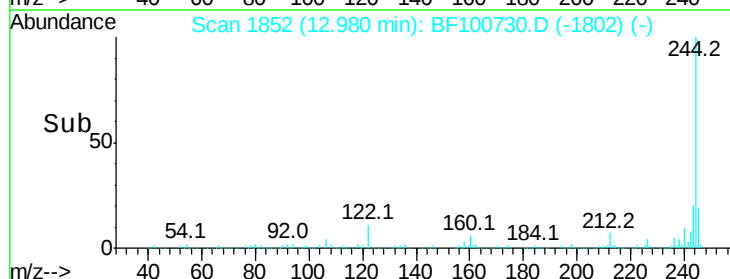
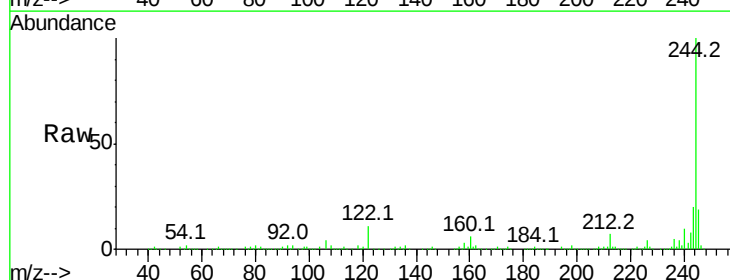
Manual Integrations
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SOHIL
11/21/2017 2:15:14 PM



#78
Terphenyl-d14
Concen: 100.610 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	715838		
212	6.7		5.4	8.0
122	11.0		11.0	16.4





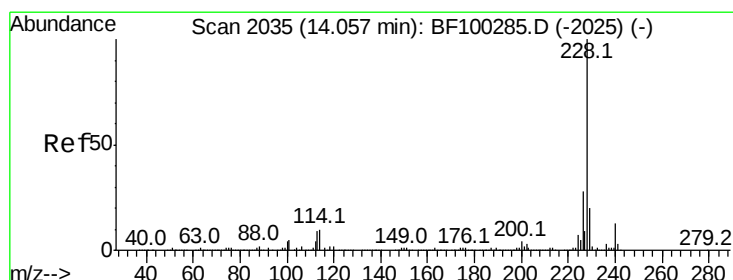
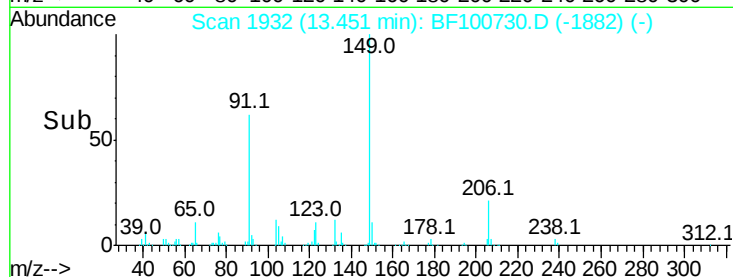
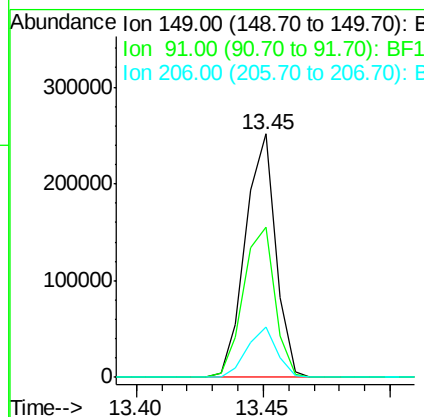
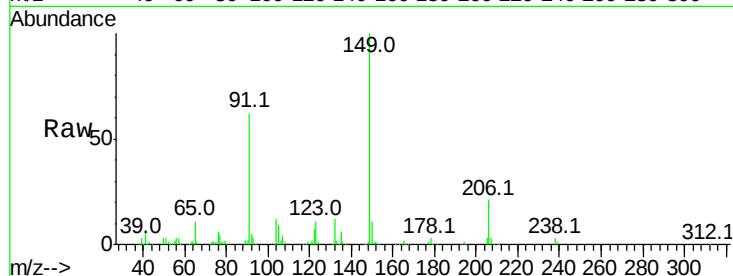
#79
Butylbenzylphthalate
Concen: 44.040 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Instrument :
BNA_F
ClientSampleId :
IDOC-SOIL-04

Tot Ion	Ratio	Resp	Lower	Upper
149	100	209300		
91	61.6	56.8	85.2	
206	20.5	14.1	21.1	

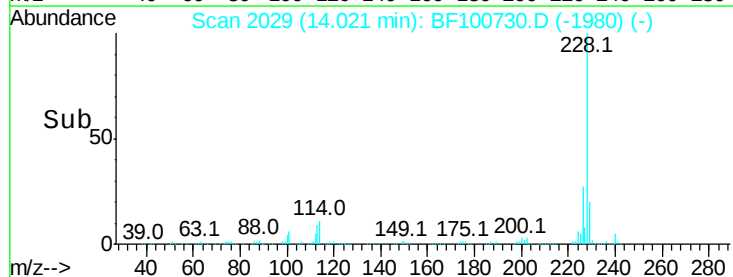
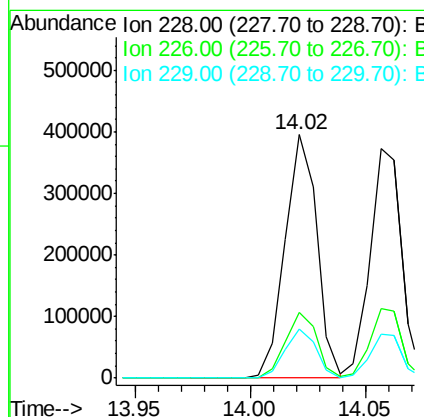
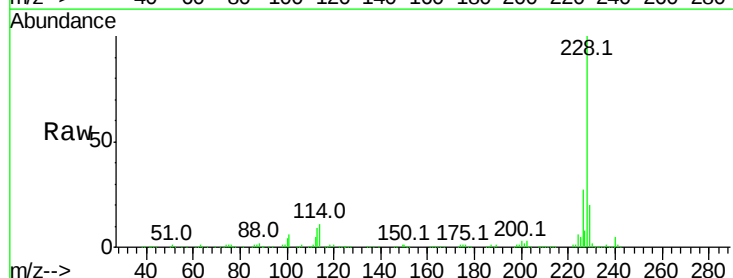
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#80
Benzo(a)anthracene
Concen: 38.343 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	377476		
226	27.1	22.6	33.8	
229	20.1	15.8	23.6	





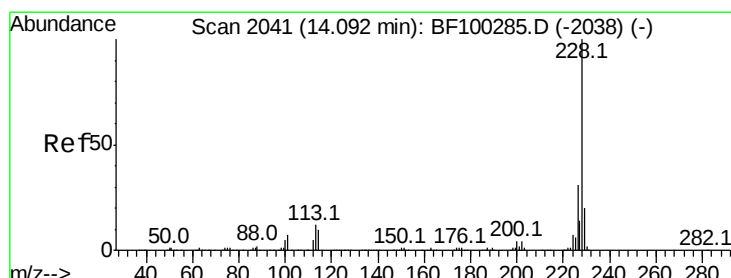
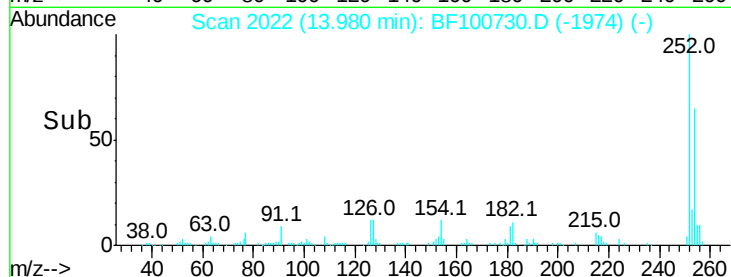
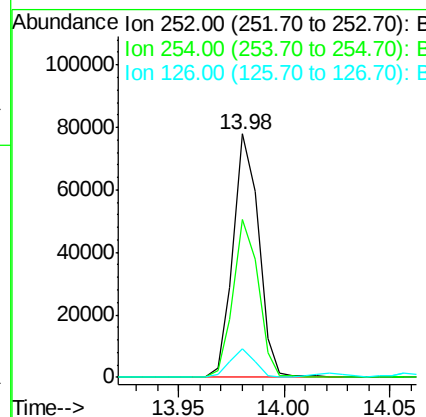
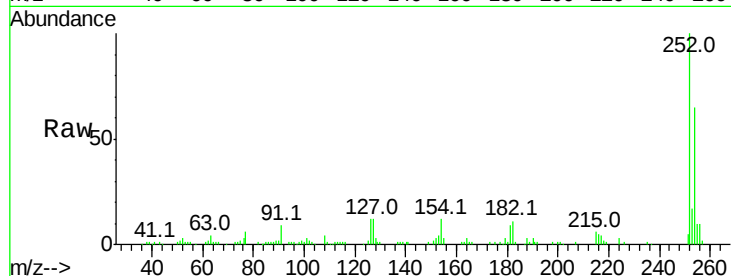
#81
 3,3'-Dichlorobenzidine
 Concen: 18.468 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.02 min
 Lab File: BF100730.D
 Acq: 20 Nov 2017 15:10

Instrument :
 BNA_F
 ClientSampled :
 IDOC-SOIL-04

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.4	75.6
126	11.5	11.3	16.9

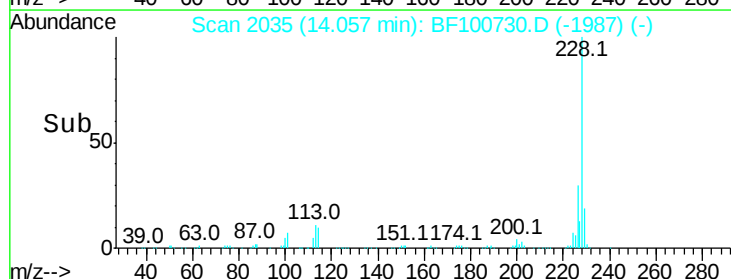
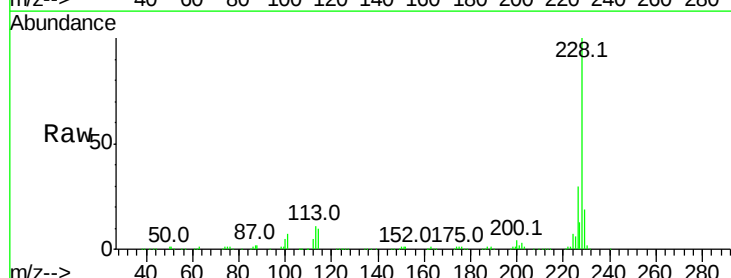
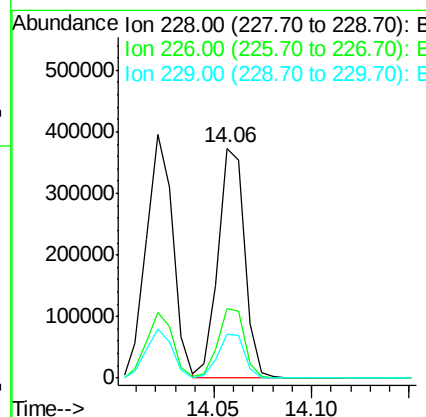
Manual Integrations
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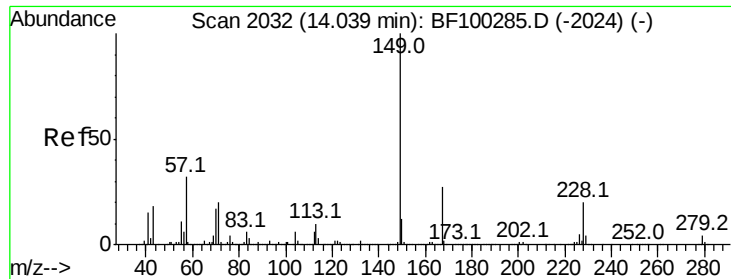
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#82
 Chrysene
 Concen: 37.040 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.02 min
 Lab File: BF100730.D
 Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.3	16.2	24.4





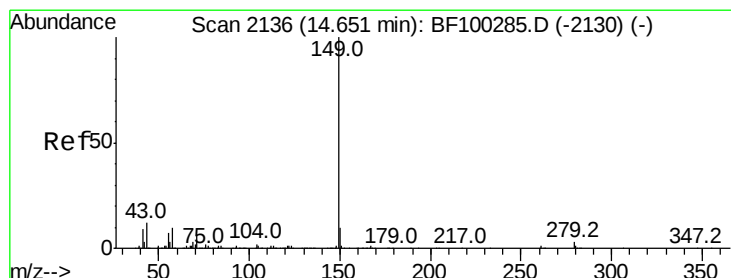
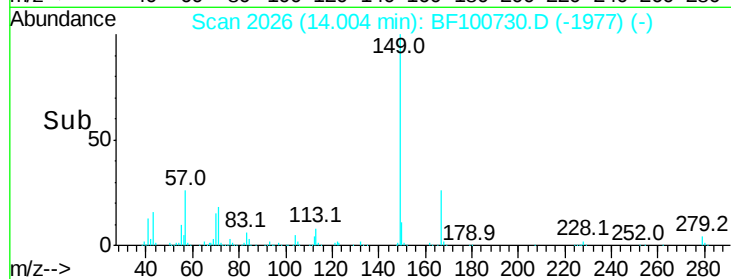
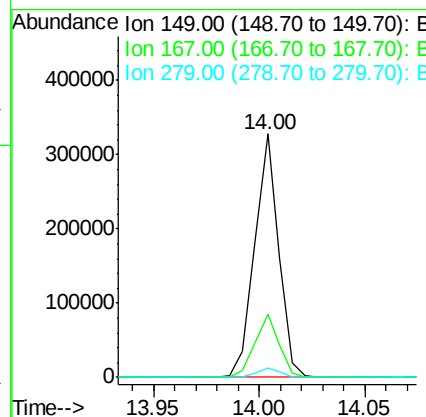
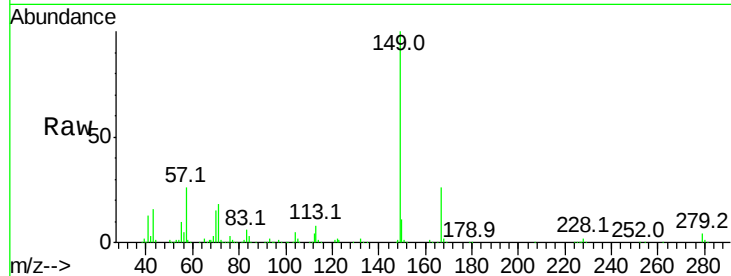
#83
Bis(2-ethylhexyl)phthalate
Concen: 41.549 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Instrument :
BNA_F
ClientSampleId :
IDOC-SOIL-04

Tot Ion	Ratio	Resp	Lower	Upper
149	100	259713		
167	25.9		21.3	31.9
279	3.6		3.0	4.4

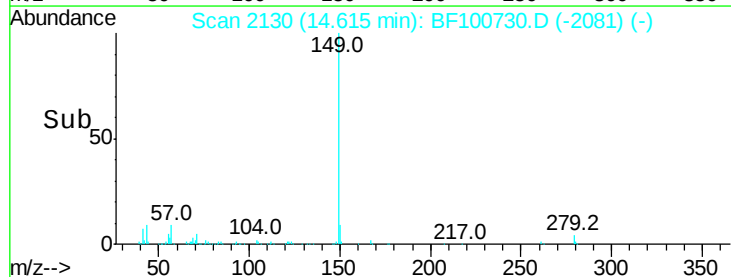
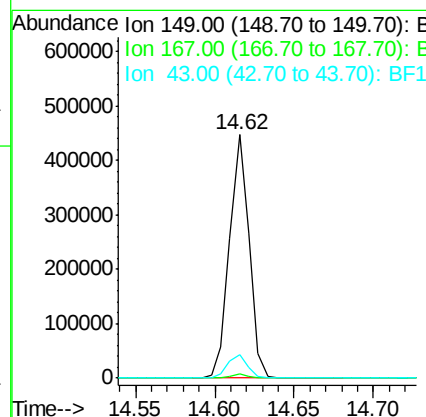
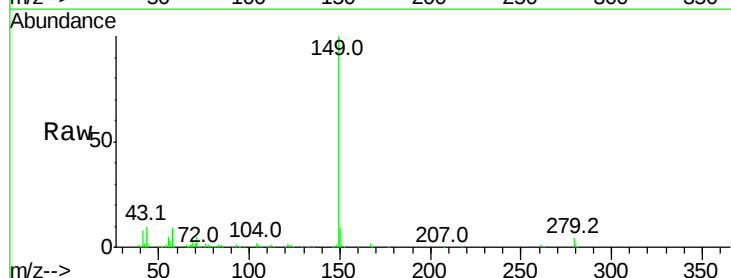
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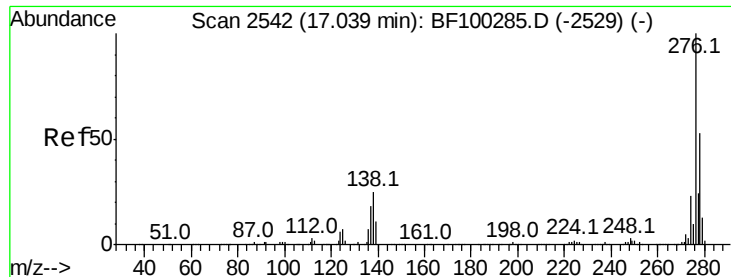
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#84
Di-n-octyl phthalate
Concen: 35.700 ng
RT: 14.62 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	383353		
167	1.6		1.2	1.8
43	9.7		8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 58.797 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.02 min

Lab File: BF100730.D

Acq: 20 Nov 2017 15:10

Instrument :

BNA_F

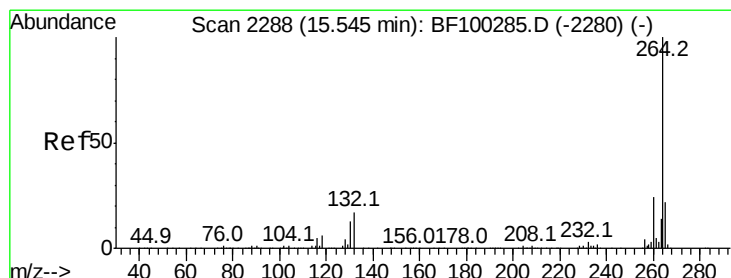
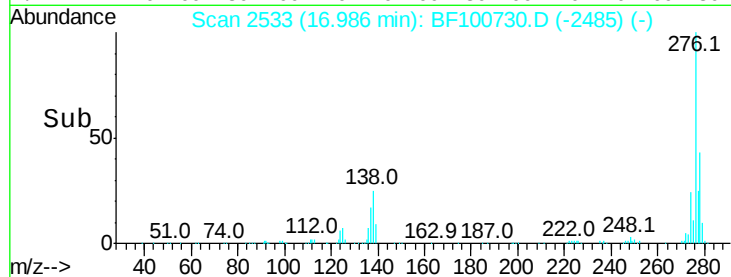
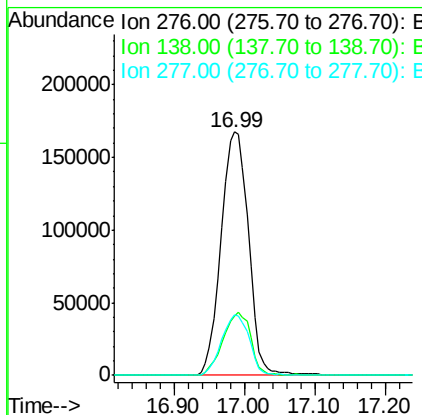
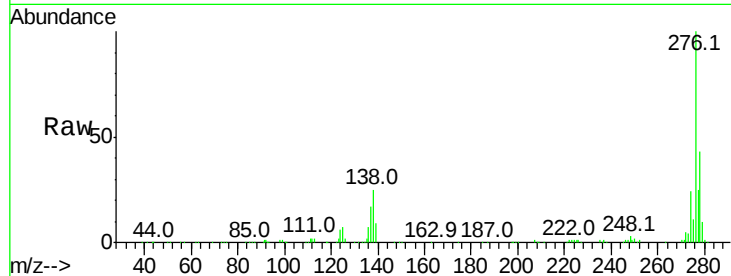
ClientSampleId :

IDOC-SOIL-04

Tot Ion:	276	Resp:	453390
Ion Ratio	Lower	Upper	
276	100		
138	26.1	25.0	37.6
277	25.2	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

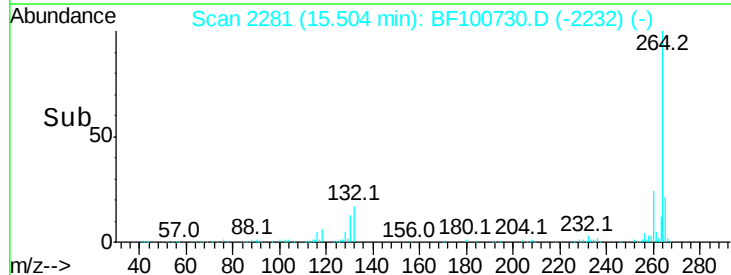
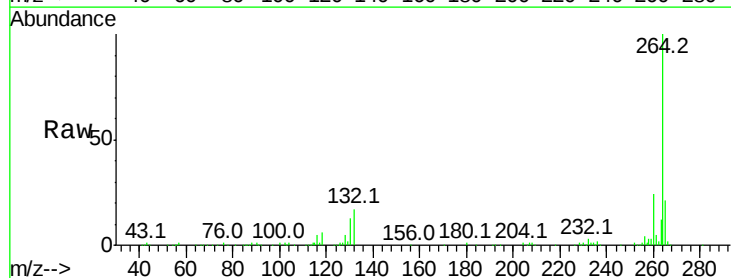
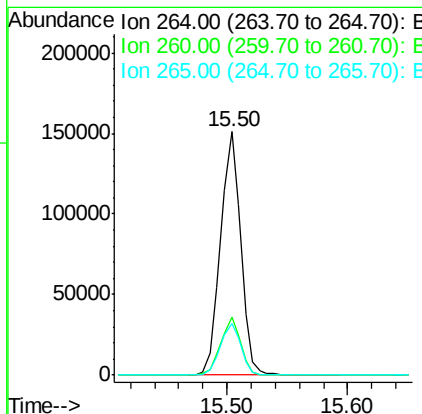
RT: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF100730.D

Acq: 20 Nov 2017 15:10

Tgt Ion:	264	Resp:	174309
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	20.9	17.5	26.3





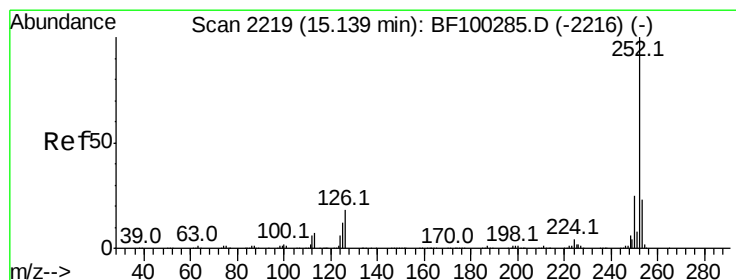
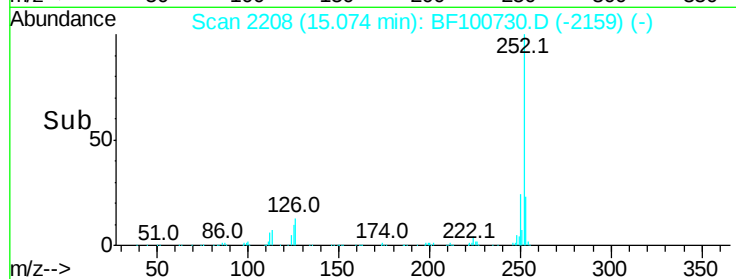
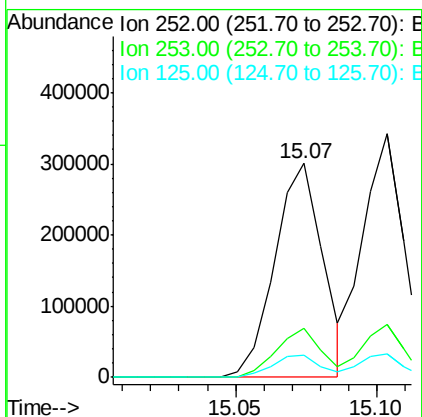
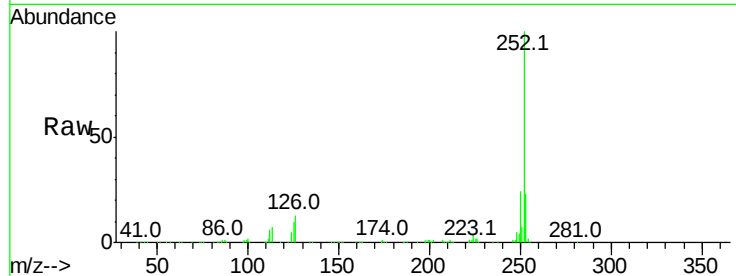
#87
Benzo(b)fluoranthene
Concen: 34.230 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Instrument :
BNA_F
ClientSampleId :
IDOC-SOIL-04

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	10.2	9.0	13.6

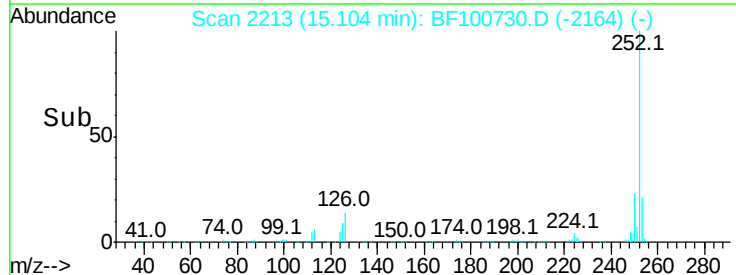
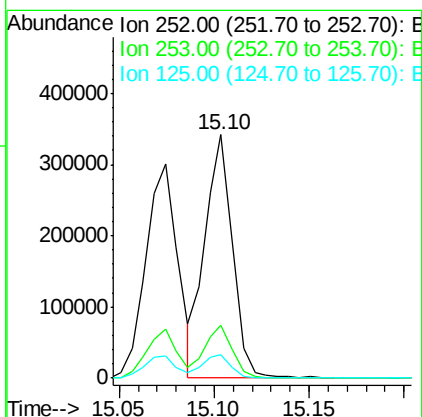
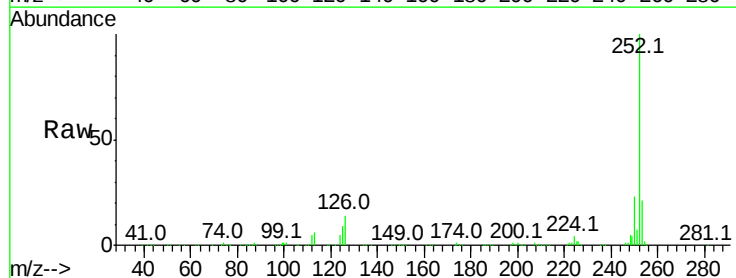
Manual Integrations
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#88
Benzo(k)fluoranthene
Concen: 35.668 ng m
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	9.5	10.2	15.2#





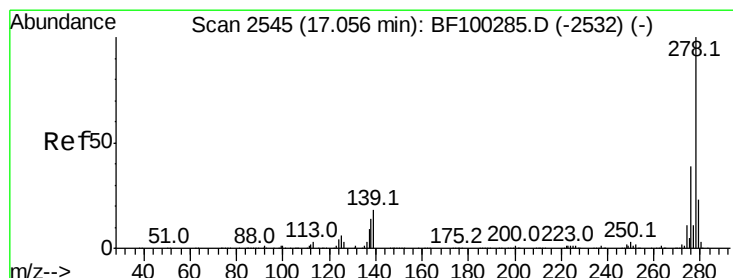
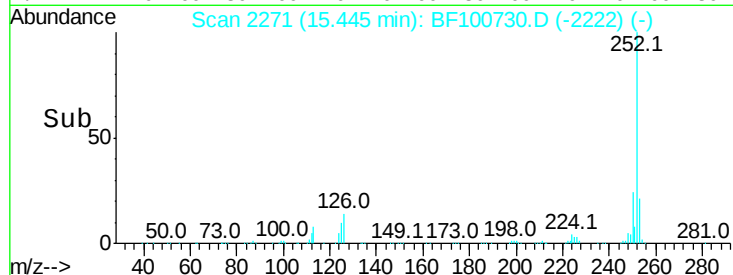
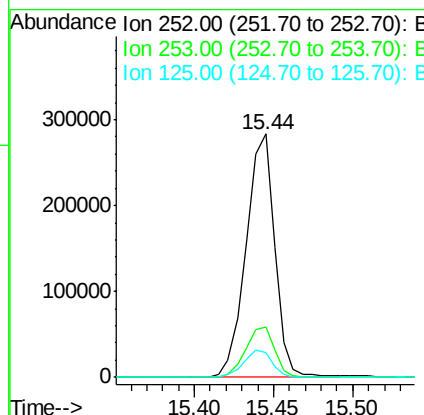
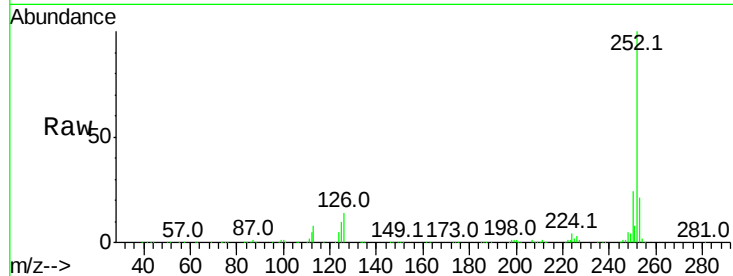
#89
Benzo(a)pyrene
Concen: 38.882 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Instrument :
BNA_F
ClientSampleId :
IDOC-SOIL-04

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	20.7	17.1	25.7
125	10.3	9.8	14.6

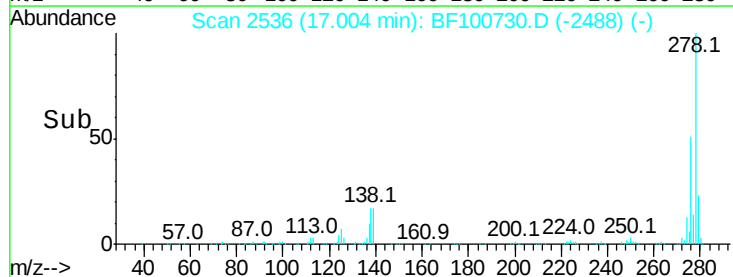
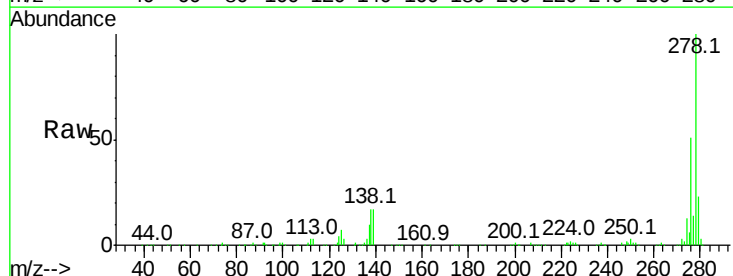
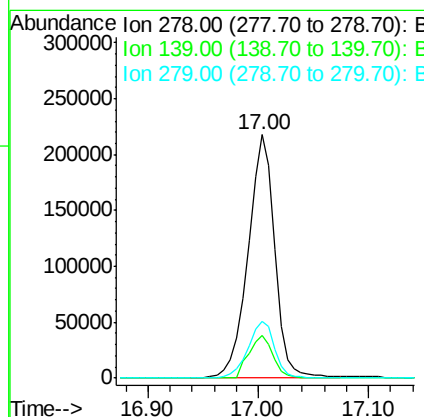
Manual Integrations
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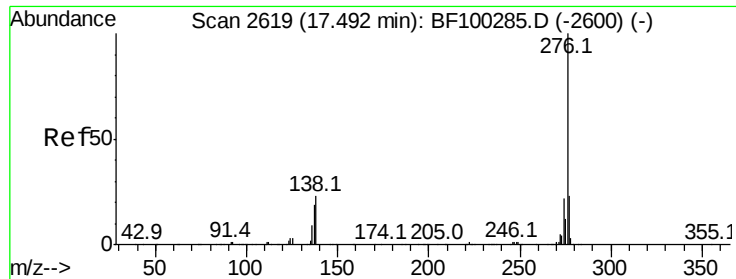
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#90
Dibenzo(a,h)anthracene
Concen: 49.504 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.02 min
Lab File: BF100730.D
Acq: 20 Nov 2017 15:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	17.3	15.9	23.9
279	23.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 53.338 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF100730.D
 Acq: 20 Nov 2017 15:10

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-SOIL-04

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.6	17.9	26.9
138	21.7	21.8	32.8

Manual Integrations
 APPROVED

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