

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105158.D
 Acq On : 8 May 2018 21:39
 Operator : JU/SJ
 Sample : J2133-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT2-2018

Manual Integrations
 APPROVED

Sohil
 5/9/2018 6:51:01 PM

Quant Time: May 09 09:10:45 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 16:33:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	203314	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	817054	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	401968	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	788441	20.00	ng	0.00
75) Chrysene-d12	14.01	240	668297	20.00	ng	0.00
86) Perylene-d12	15.56	264	586327	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1566928	126.97	ng	0.00
7) Phenol-d6	6.42	99	1879077	127.87	ng	0.00
23) Nitrobenzene-d5	7.36	82	1119035	92.82	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	603886	136.17	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2007268	77.51	ng	0.00
78) Terphenyl-d14	12.91	244	2270751	78.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	12471	1.911	ng	87
3) Pyridine	3.35	79	31802	1.817	ng	# 78
4) n-Nitrosodimethylamine	3.19	42	14109	1.591	ng	# 77
6) Aniline	6.46	93	44017	2.051	ng	96
8) 2-Chlorophenol	6.57	128	29063	2.220	ng	92
9) Benzaldehyde	6.35	77	12758	1.133	ng	97
10) Phenol	6.43	94	32033	1.959	ng	98
11) bis(2-Chloroethyl)ether	6.53	93	30582	2.269	ng	91
12) 1,3-Dichlorobenzene	6.73	146	36741	2.328	ng	96
13) 1,4-Dichlorobenzene	6.81	146	36529	2.315	ng	97
14) 1,2-Dichlorobenzene	6.96	146	34126	2.345	ng	96
15) Benzyl Alcohol	6.93	79	25465	2.264	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	52701	2.104	ng	97
17) 2-Methylphenol	7.03	107	24153	2.137	ng	95
18) Hexachloroethane	7.30	117	11421	2.249	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	21013	2.160	ng	91
20) 3+4-Methylphenols	7.19	107	31526	2.373	ng	92
22) Acetophenone	7.20	105	47106	2.473	ng	# 97
24) Nitrobenzene	7.37	77	35235	2.578	ng	98
25) Isophorone	7.60	82	51137	1.897	ng	95
26) 2-Nitrophenol	7.69	139	9119	11.249	ng	# 94
27) 2,4-Dimethylphenol	7.72	122	18909	1.578	ng	96
28) bis(2-Chloroethoxy)methane	7.82	93	35155	2.113	ng	99
29) 2,4-Dichlorophenol	7.92	162	22303	1.990	ng	94
30) 1,2,4-Trichlorobenzene	8.01	180	29657	2.294	ng	94
31) Naphthalene	8.09	128	91734	2.332	ng	99
32) Benzoic acid	7.76	122	7467	10.176	ng	91
33) 4-Chloroaniline	8.14	127	33389	2.041	ng	95
34) Hexachlorobutadiene	8.21	225	17870	2.386	ng	96
35) Caprolactam	8.46	113	5569	1.636	ng	# 78
36) 4-Chloro-3-methylphenol	8.61	107	22056	1.890	ng	95
37) 2-Methylnaphthalene	8.78	142	61295	2.235	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	30960	2.420	ng	# 97
40) Hexachlorocyclopentadiene	8.93	237	11842	1.712	ng	97

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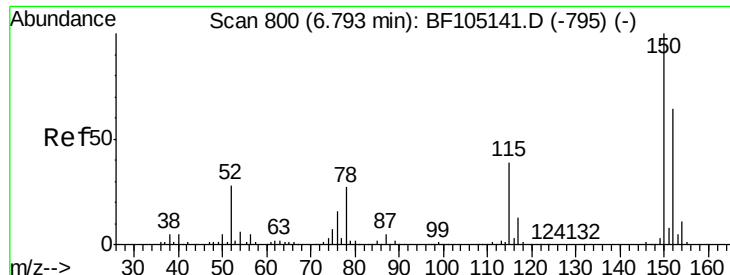
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	15132	1.939	ng	96
43) 2,4,5-Trichlorophenol	9.09	196	17036	2.089	ng	92
45) 1,1'-Biphenyl	9.25	154	88443	2.700	ng	97
46) 2-Chloronaphthalene	9.27	162	59571	2.434	ng	97
47) 2-Nitroaniline	9.36	65	11092	7.182	ng	86
48) Acenaphthylene	9.69	152	89448	2.366	ng	100
49) Dimethylphthalate	9.54	163	67094	2.466	ng	99
50) 2,6-Dinitrotoluene	9.60	165	10550	1.787	ng	# 87
51) Acenaphthene	9.86	154	60703	2.491	ng	97
52) 3-Nitroaniline	9.77	138	11993	1.928	ng	# 94
53) 2,4-Dinitrophenol	9.87	184	1353	10.193	ng	# 26
54) Dibenzofuran	10.03	168	85473	2.398	ng	98
55) 4-Nitrophenol	9.92	139	7252	5.526	ng	94
56) 2,4-Dinitrotoluene	10.00	165	12401	5.069	ng	98
57) Fluorene	10.37	166	67335	2.576	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	13436	1.846	ng	# 87
59) Diethylphthalate	10.25	149	63887	2.389	ng	98
60) 4-Chlorophenyl-phenylether	10.37	204	32428	2.665	ng	91
61) 4-Nitroaniline	10.37	138	11287	1.824	ng	91
62) Azobenzene	10.53	77	61032	2.188	ng	94
64) 4,6-Dinitro-2-methylphenol	10.41	198	3235	9.910	ng	97
65) n-Nitrosodiphenylamine	10.49	169	54414	2.214	ng	93
66) 4-Bromophenyl-phenylether	10.86	248	18596	2.211	ng	# 88
67) Hexachlorobenzene	10.92	284	22506	2.323	ng	# 83
68) Atrazine	11.00	200	10396	1.350	ng	97
69) Pentachlorophenol	11.11	266	9171	4.765	ng	95
70) Phenanthrene	11.33	178	101841	2.450	ng	97
71) Anthracene	11.39	178	98170	2.324	ng	98
72) Carbazole	11.54	167	88185	2.317	ng	97
73) Di-n-butylphthalate	11.88	149	82647	2.030	ng	98
74) Fluoranthene	12.52	202	97990	2.262	ng	97
76) Benzidine	12.65	184	10863m	0.435	ng	
77) Pyrene	12.75	202	104763	2.155	ng	97
79) Butylbenzylphthalate	13.40	149	21851	7.965	ng	# 97
80) Benzo(a)anthracene	14.00	228	86382	2.131	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	19306	1.267	ng	88
82) Chrysene	14.03	228	93919	2.250	ng	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	34519	1.718	ng	98
84) Di-n-octyl phthalate	14.69	149	38811	7.787	ng	# 92
85) Indeno(1,2,3-cd)pyrene	17.00	276	53519	1.618	ng	95
87) Benzo(b)fluoranthene	15.13	252	71289	1.987	ng	96
88) Benzo(k)fluoranthene	15.16	252	74006	2.128	ng	# 95
89) Benzo(a)pyrene	15.49	252	60561	1.856	ng	97
90) Dibenzo(a,h)anthracene	17.02	278	44071	1.739	ng	96
91) Benzo(g,h,i)perylene	17.43	276	43681	1.762	ng	96

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



#1

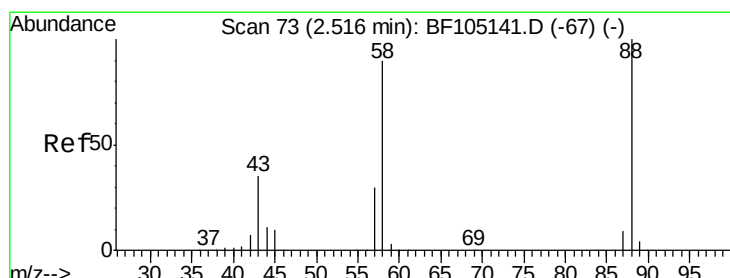
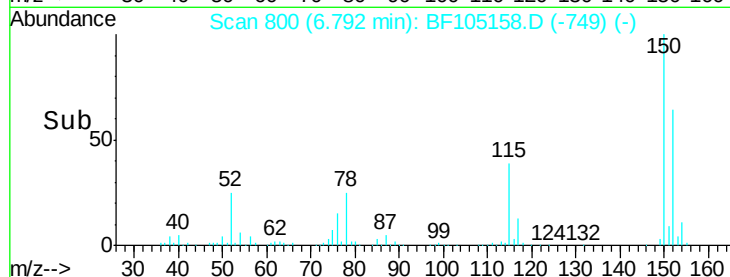
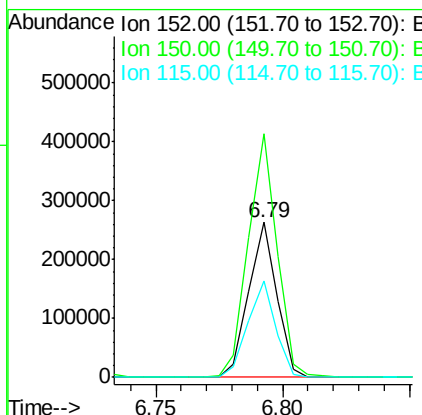
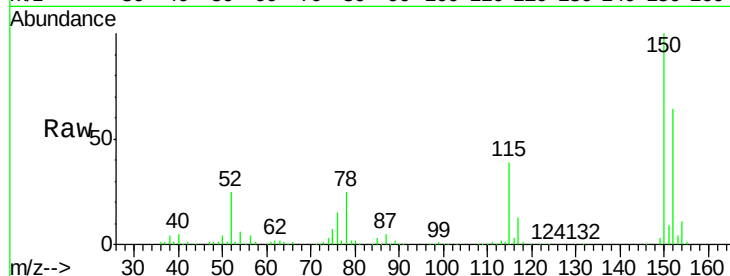
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	62.0	50.1	75.1

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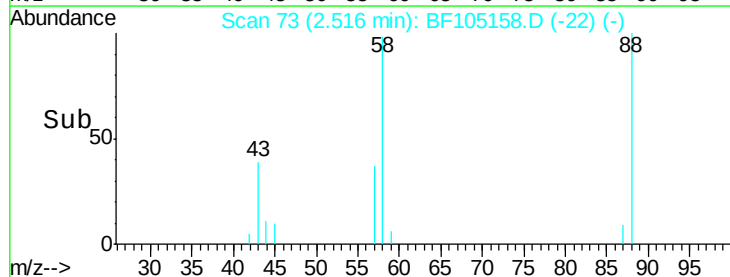
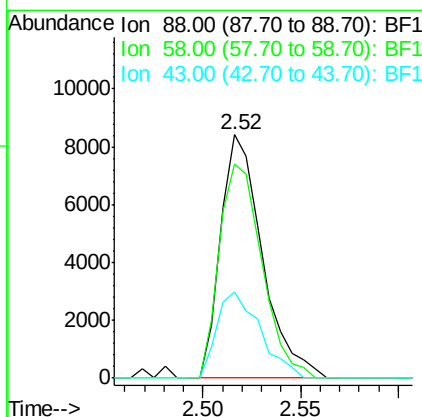
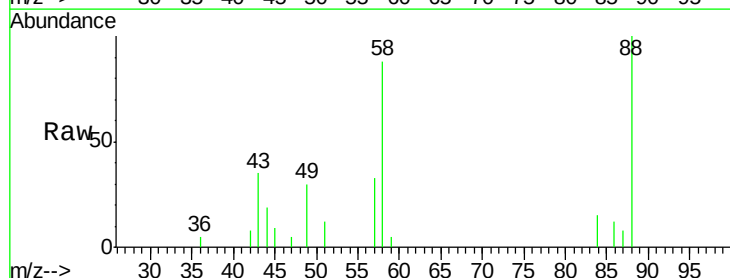
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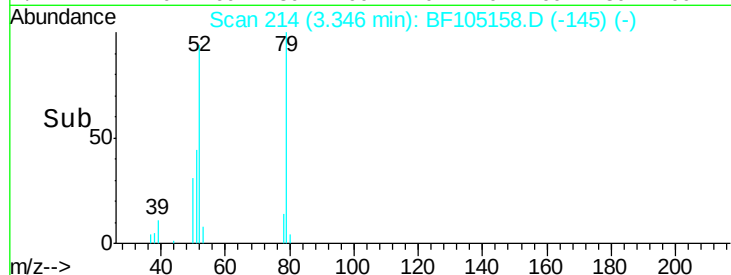
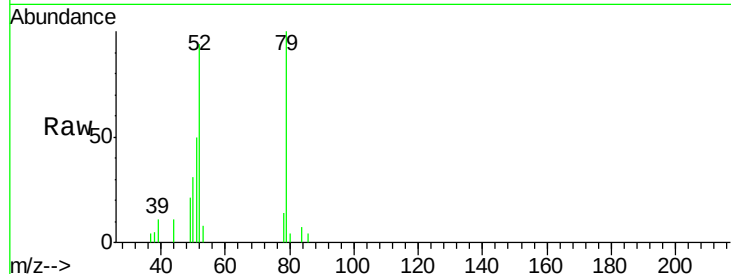
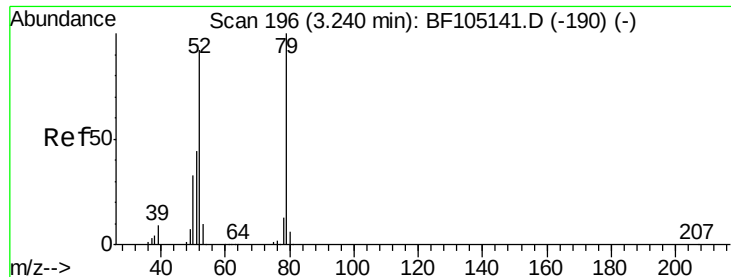


#2

1,4-Dioxane
Concen: 1.911 ng
RT: 2.52 min Scan# 73
Delta R.T. -0.00 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.0	62.6	93.8
43	36.4	24.6	37.0





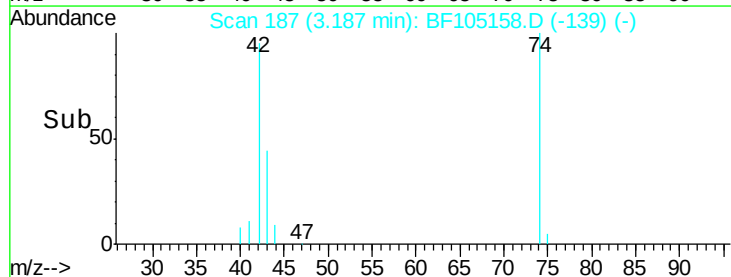
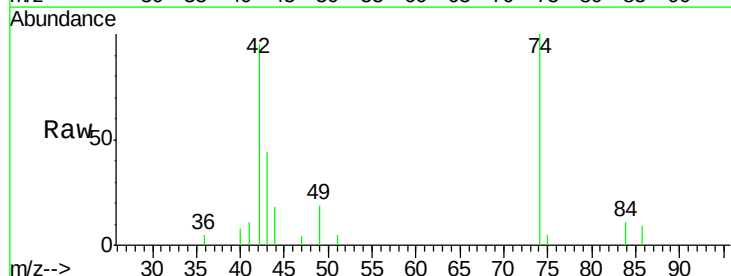
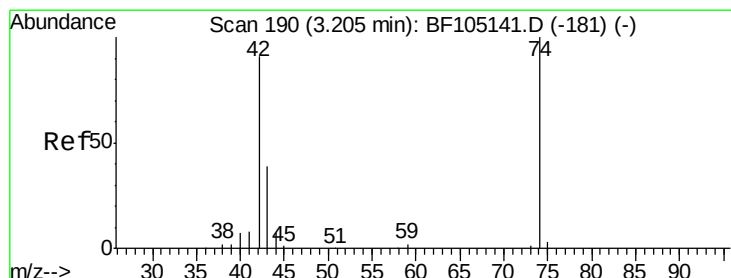
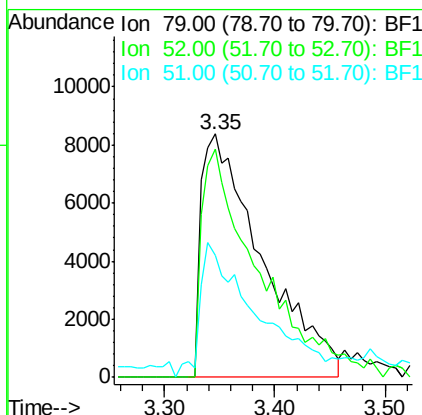
#3
 Pvridine
 Concen: 1.817 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.11 min
 Lab File: BF105158.D
 Acq: 8 May 2018 21:39

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	93.6	59.8	89.6#	
51	51	50.1	29.8	44.8#	

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT2-2018

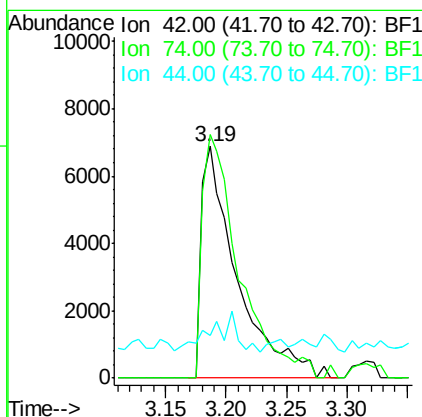
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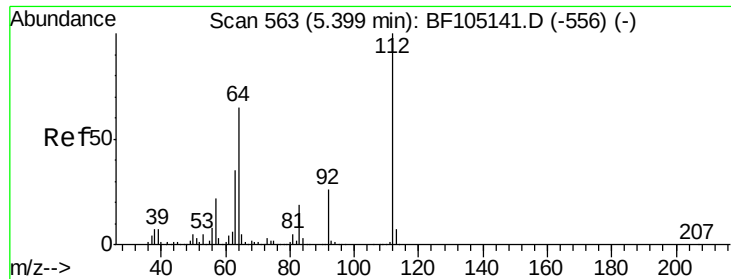
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#4
 n-Nitrosodimethylamine
 Concen: 1.591 ng
 RT: 3.19 min Scan# 187
 Delta R.T. -0.02 min
 Lab File: BF105158.D
 Acq: 8 May 2018 21:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	105.0	104.9	157.3	
44	44	18.6	6.9	10.3#	





#5

2-Fluorophenol

Concen: 126.967 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF105158.D

Acq: 8 May 2018 21:39

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT2-2018

Tot Ion:112 Resp: 1566928

Ion Ratio Lower Upper

112 100

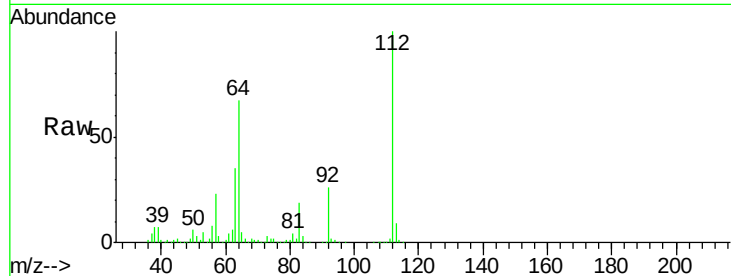
64 66.8 47.9 71.9

63 35.2 23.7 35.5

Manual Integrations
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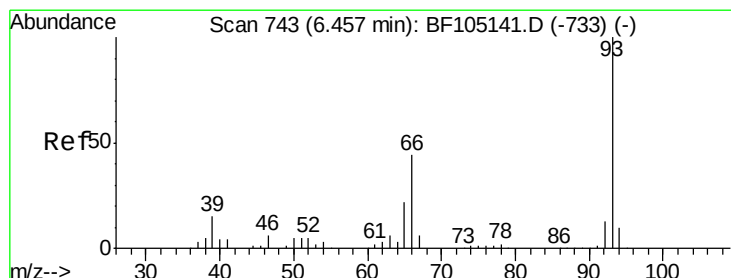
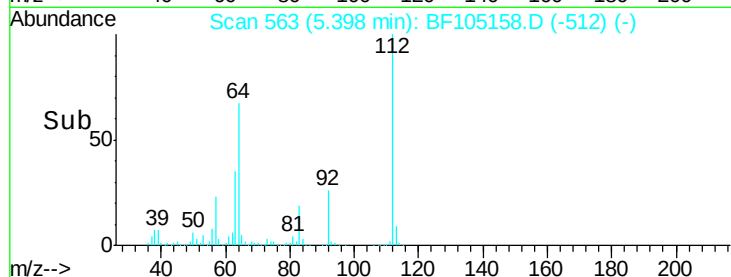
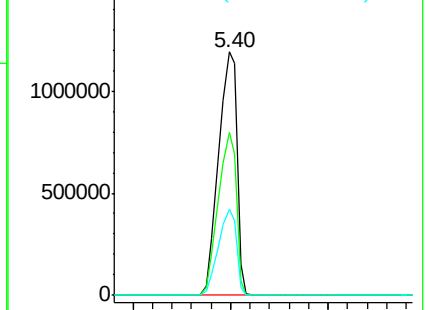
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 2.051 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF105158.D

Acq: 8 May 2018 21:39

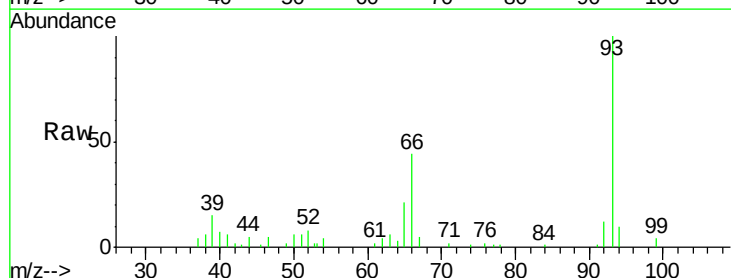
Tgt Ion: 93 Resp: 44017

Ion Ratio Lower Upper

93 100

66 43.9 32.2 48.2

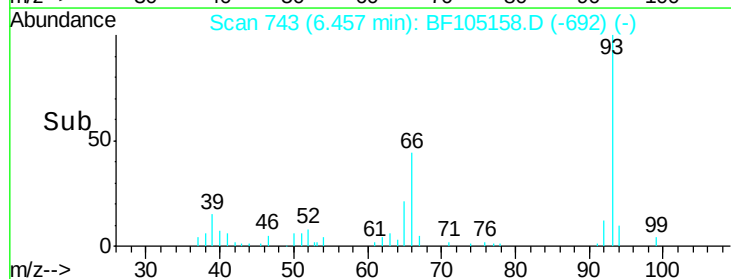
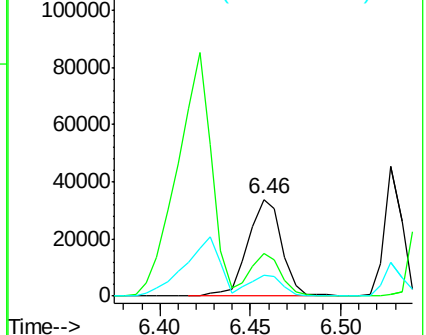
65 21.1 16.4 24.6

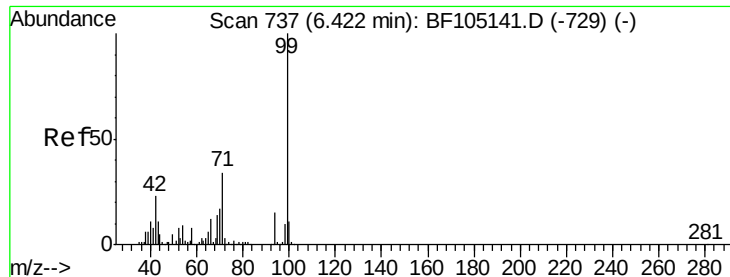


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.874 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF105158.D

Acq: 8 May 2018 21:39

Instrument :

BNA_F

ClientSampleId :

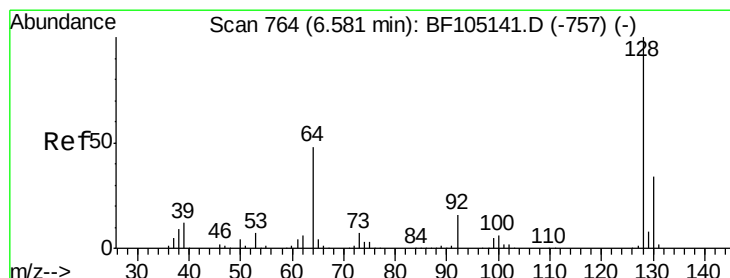
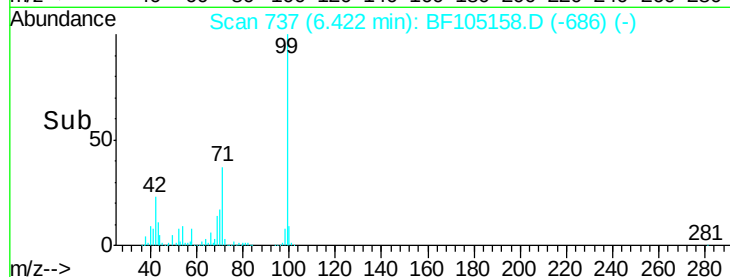
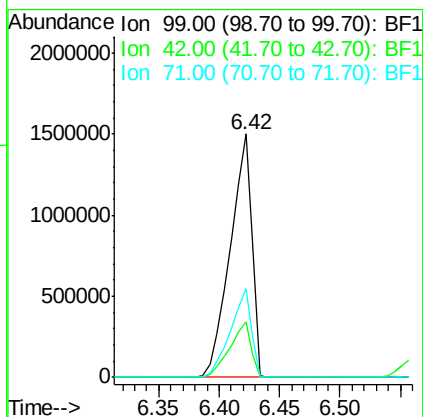
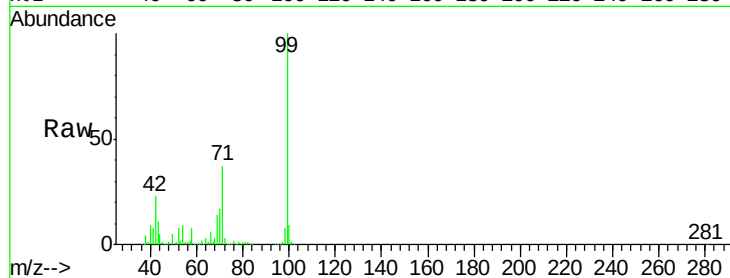
MDL-SOIL-03-QT2-2018

Tot Ion: 99 Resp: 1879077

Ion	Ratio	Lower	Upper
99	100		
42	22.9	14.5	21.7#
71	36.6	25.4	38.0

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#8

2-Chlorophenol

Concen: 2.220 ng

RT: 6.57 min Scan# 763

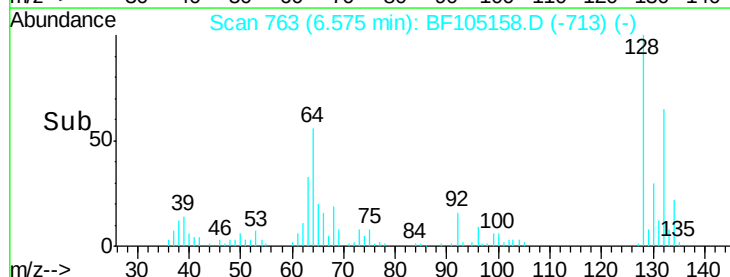
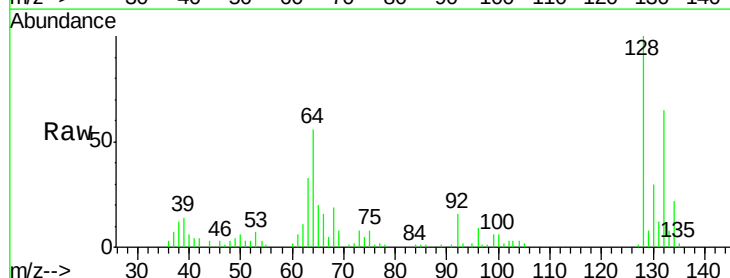
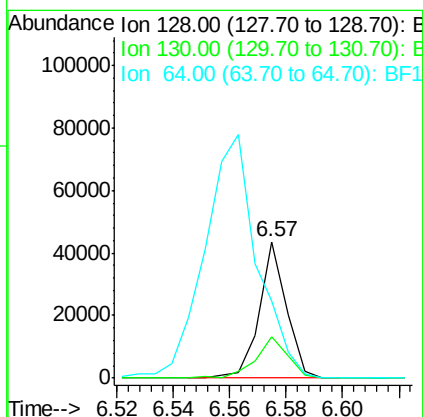
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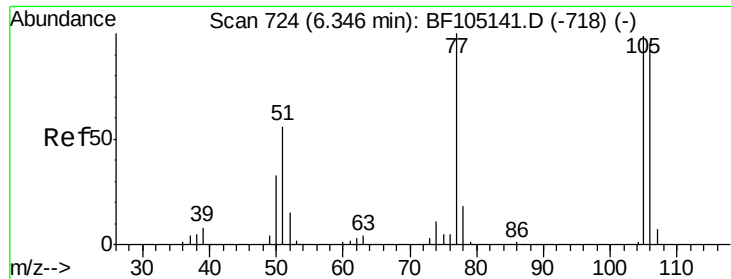
Lab File: BF105158.D

Acq: 8 May 2018 21:39

Tgt Ion: 128 Resp: 29063

Ion	Ratio	Lower	Upper
128	100		
130	29.9	13.0	53.0
64	56.3	29.4	69.4





#9

Benzaldehyde

Concen: 1.133 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF105158.D

Acq: 8 May 2018 21:39

Instrument :

BNA_F

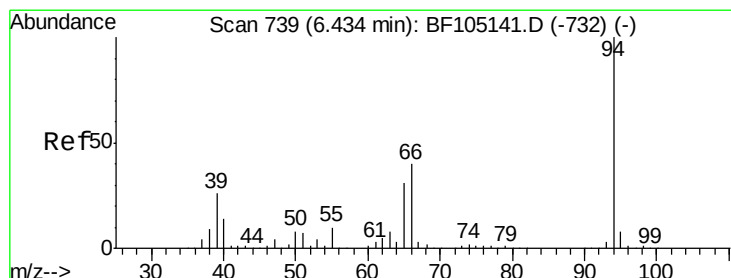
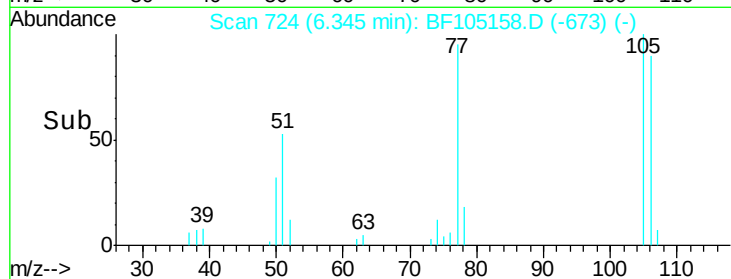
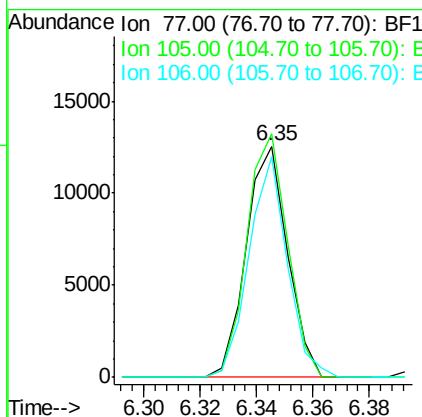
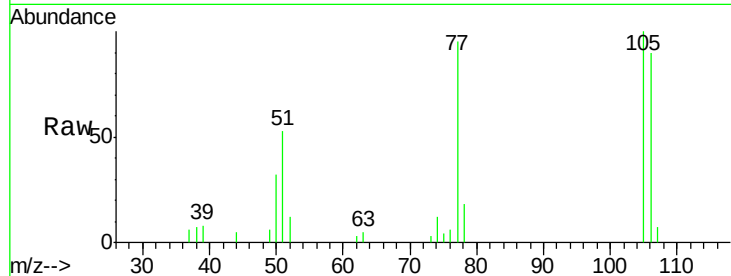
ClientSampleId :

MDL-SOIL-03-QT2-2018

Tot Ion:	77	Resp:	12758
Ion	Ratio	Lower	Upper
77	100		
105	105.4	81.1	121.1
106	95.2	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 1.959 ng

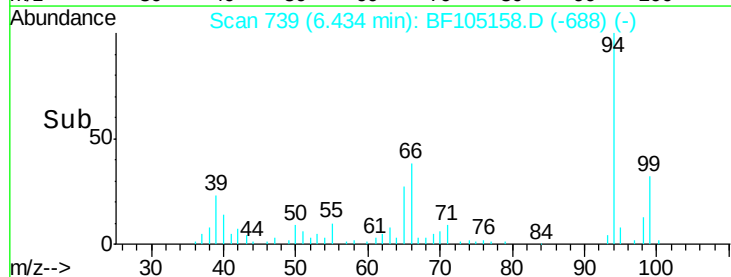
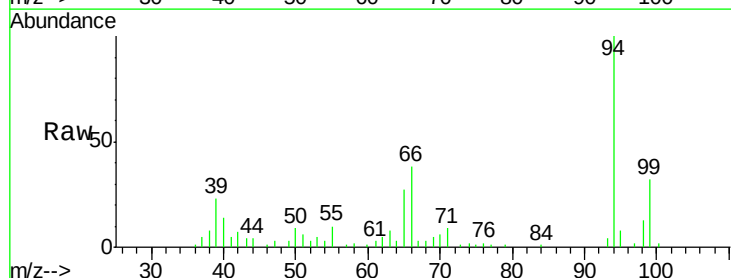
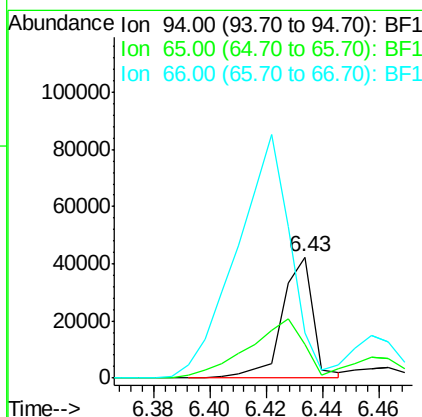
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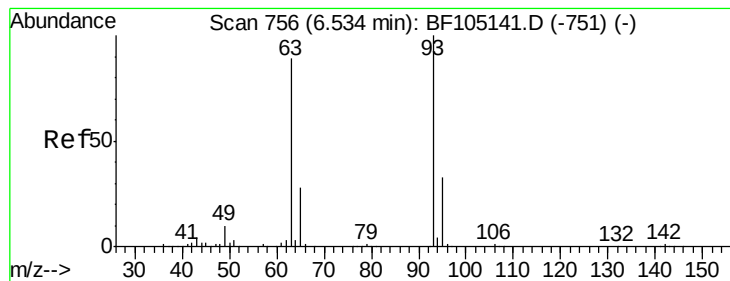
Delta R.T. -0.00 min

Lab File: BF105158.D

Acq: 8 May 2018 21:39

Tgt Ion:	94	Resp:	32033
Ion	Ratio	Lower	Upper
94	100		
65	27.5	7.9	47.9
66	37.5	16.2	56.2





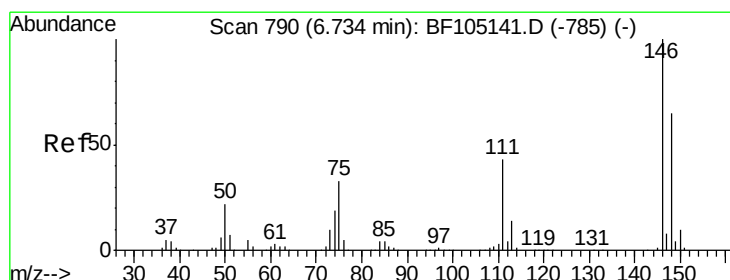
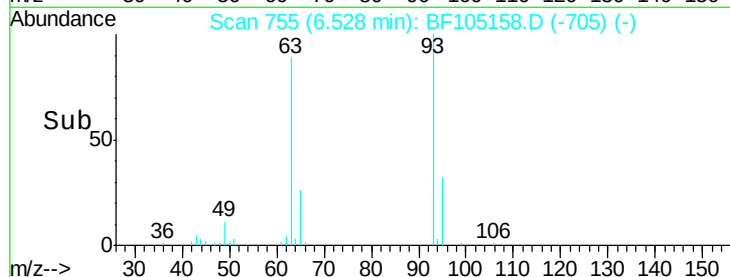
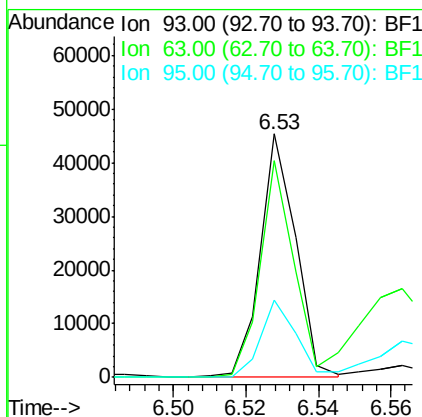
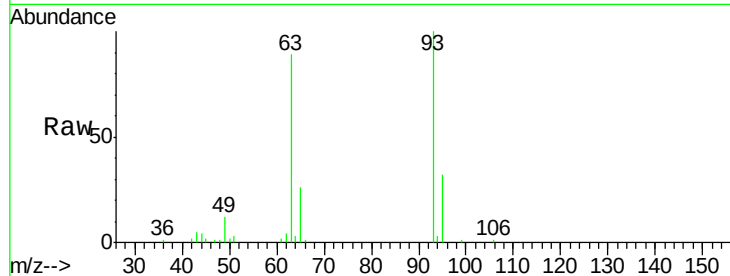
#11
bis(2-Chloroethyl)ether
Concen: 2.269 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tot Ion:	93	Resp:	30582
Ion Ratio	Lower	Upper	
93	100		
63	89.0	58.6	98.6
95	31.9	11.8	51.8

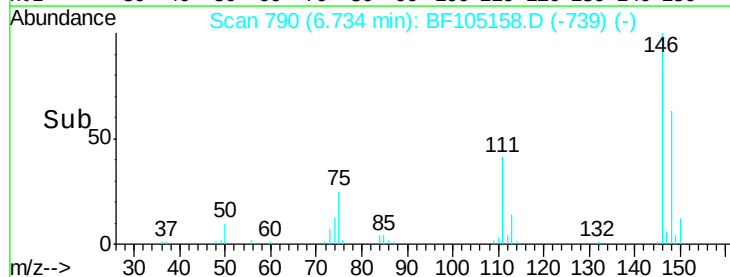
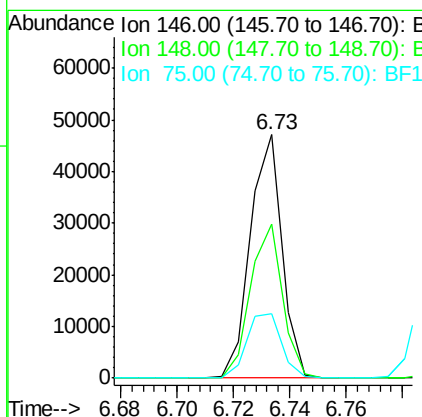
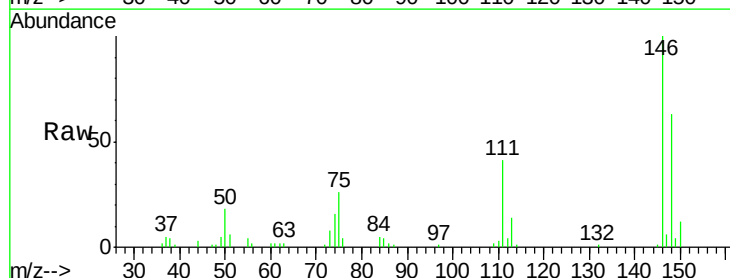
Manual Integrations
APPROVED

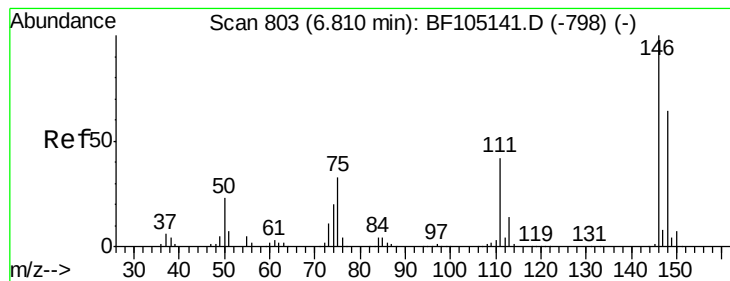
Sohil
5/9/2018 6:51:01 PM



#12
1,3-Dichlorobenzene
Concen: 2.328 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Tgt Ion:	146	Resp:	36741
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.8	77.8
75	26.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 2.315 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF105158.D

Acq: 8 May 2018 21:39

Instrument :

BNA_F

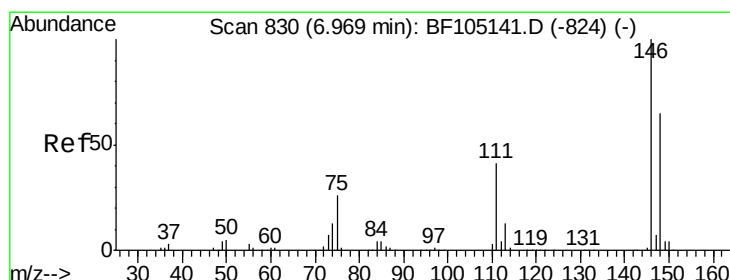
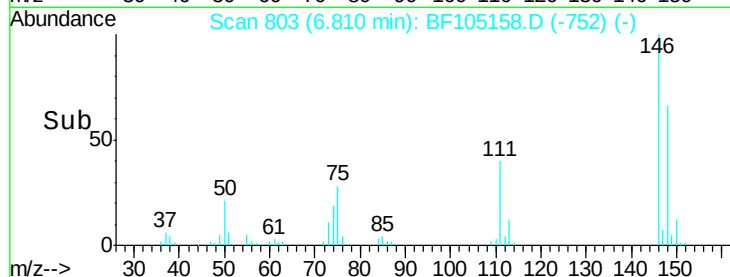
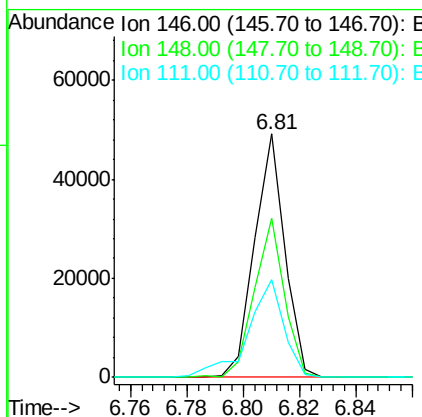
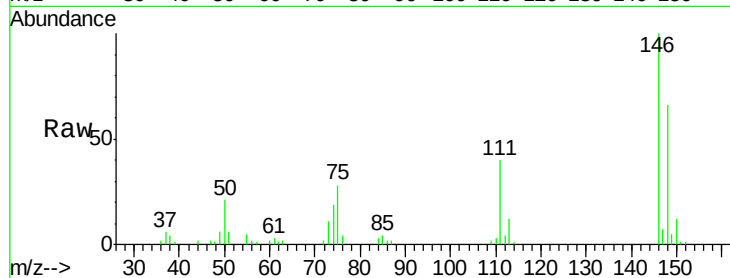
ClientSampleId :

MDL-SOIL-03-QT2-2018

Tot Ion:	146	Resp:	36529
Ion Ratio	Lower	Upper	
146	100		
148	65.6	50.8	76.2
111	40.1	34.2	51.2

Manual Integrations
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Sohil
5/9/2018 6:51:01 PM



#14

1,2-Dichlorobenzene

Concen: 2.345 ng

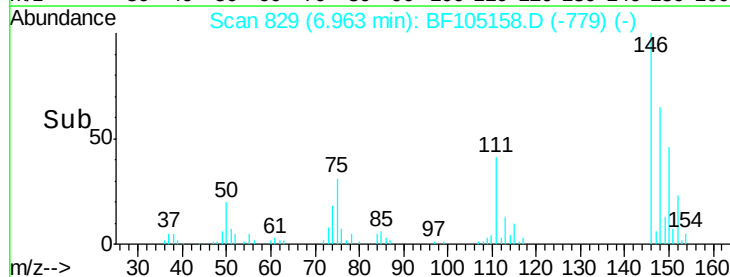
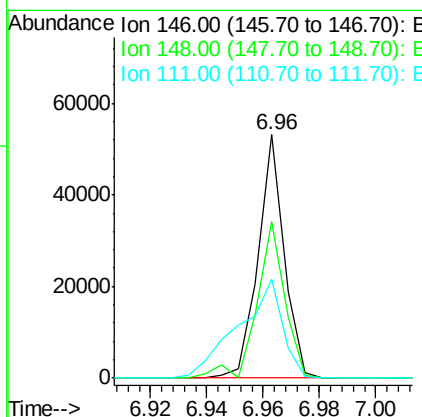
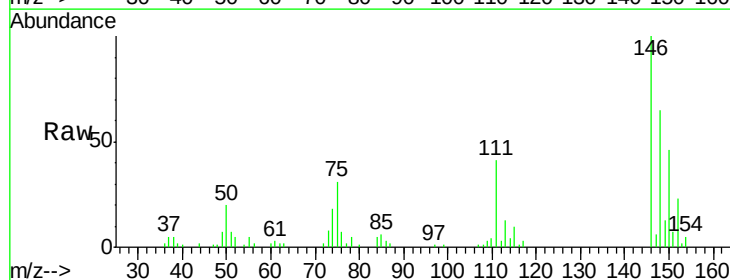
RT: 6.96 min Scan# 829

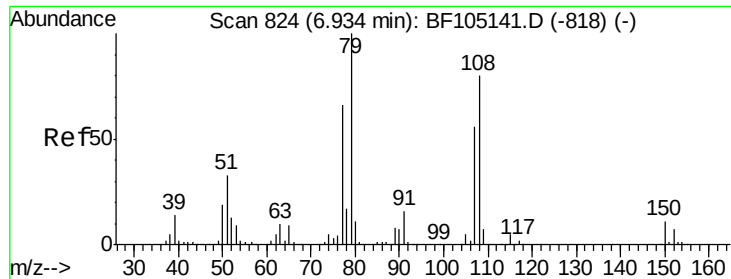
Delta R.T. -0.01 min

Lab File: BF105158.D

Acq: 8 May 2018 21:39

Tgt Ion:	146	Resp:	34126
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.6	75.8
111	40.8	36.0	54.0





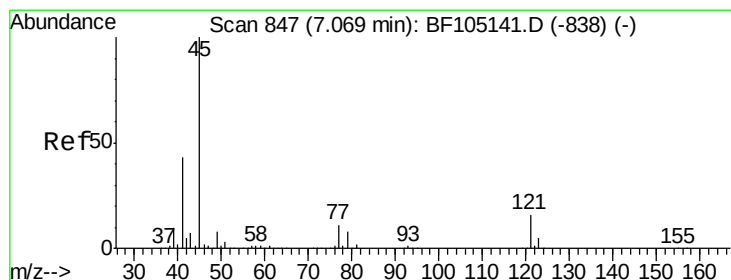
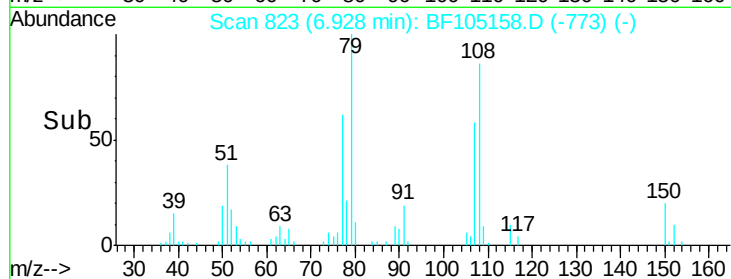
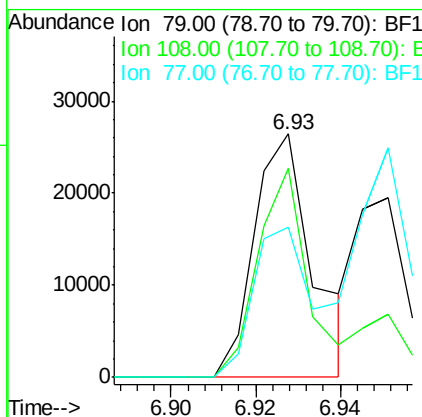
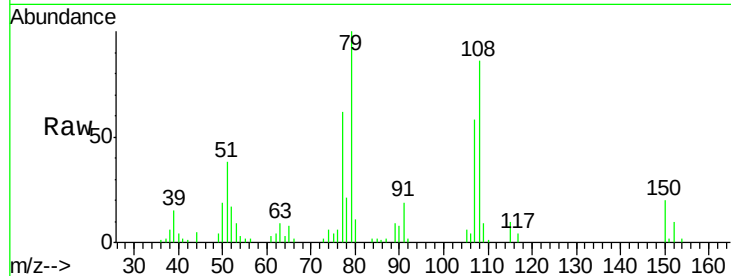
#15
Benzyl Alcohol
Concen: 2.264 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
79	100		
108	85.7	65.1	97.7
77	61.7	50.6	75.8

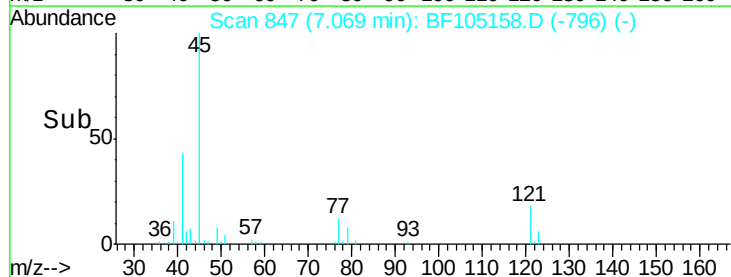
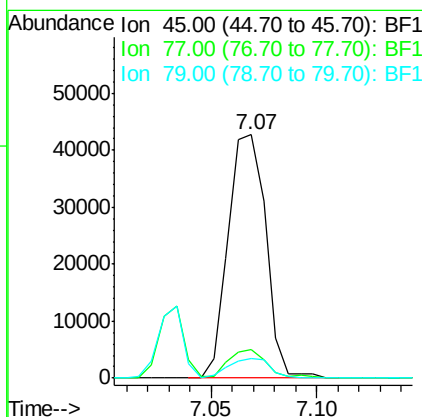
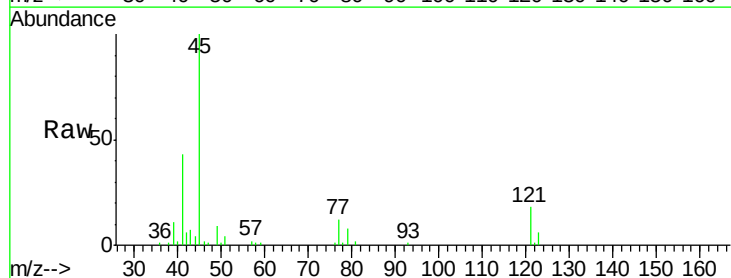
Manual Integrations
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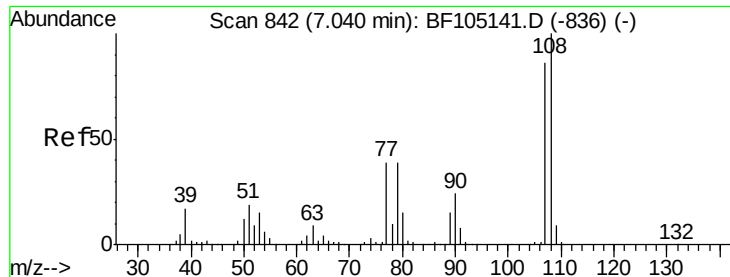
Sohil
5/9/2018 6:51:01 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.104 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	32.9
79	7.9	0.0	29.6





#17

2-Methylphenol

Concen: 2.137 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF105158.D

Acq: 8 May 2018 21:39

Instrument :

BNA_F

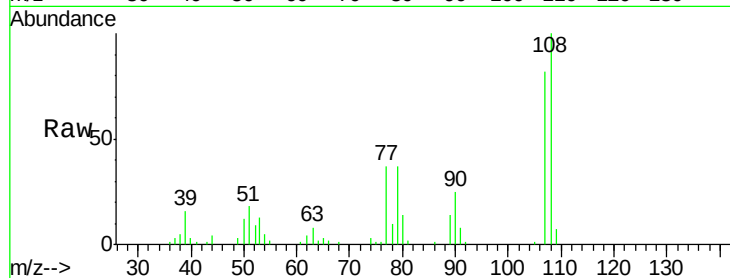
ClientSampleId :

MDL-SOIL-03-QT2-2018

Tot Ion:	107	Resp:	24153
Ion Ratio	Lower	Upper	
107	100		
108	121.8	91.7	137.5
77	44.7	33.8	50.8
79	44.8	33.8	50.8

Manual Integrations
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Sohil
5/9/2018 6:51:01 PM



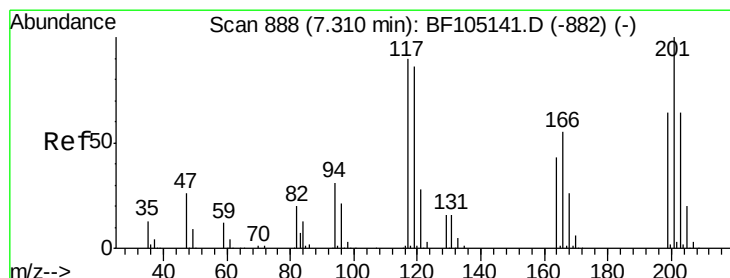
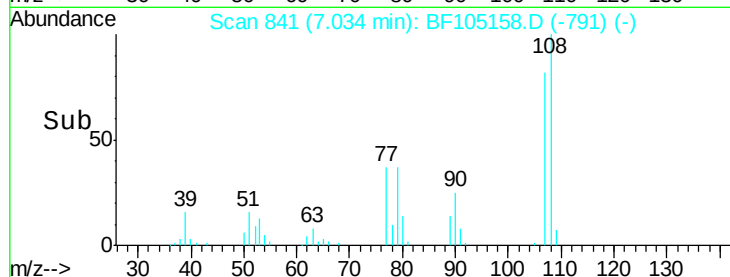
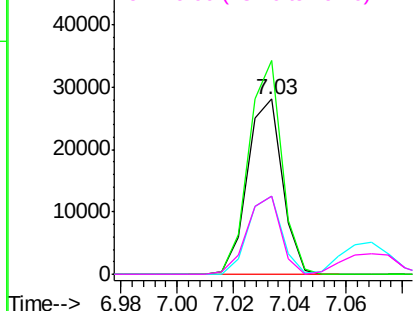
Abundance

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: 2.249 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF105158.D

Acq: 8 May 2018 21:39

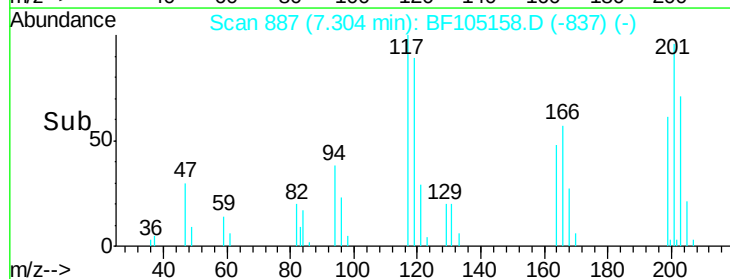
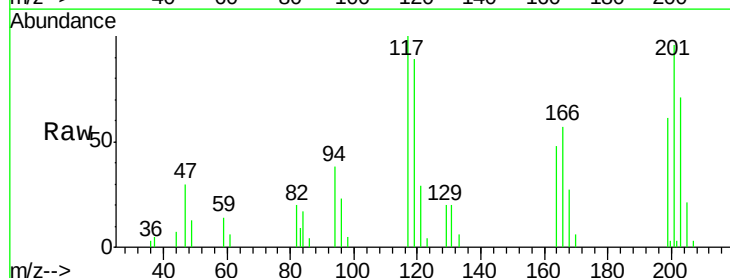
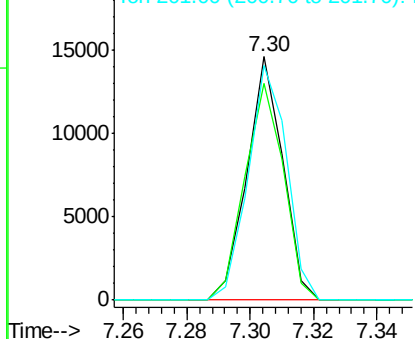
Tgt Ion:	117	Resp:	11421
Ion Ratio	Lower	Upper	
117	100		
119	89.1	75.8	113.8
201	96.5	75.7	113.5

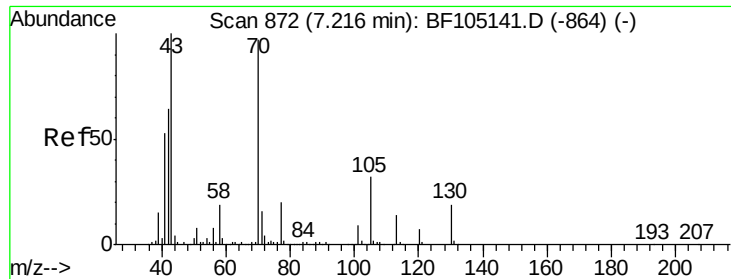
Abundance

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





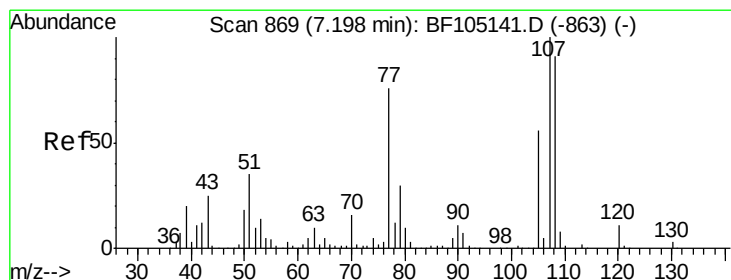
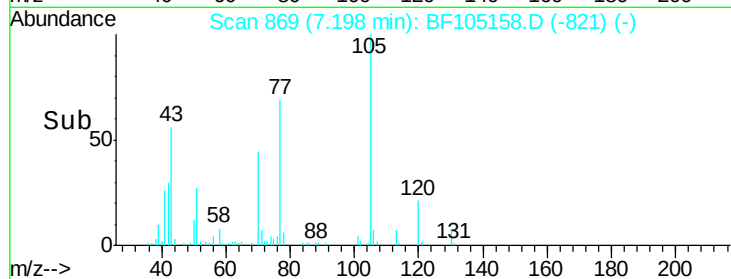
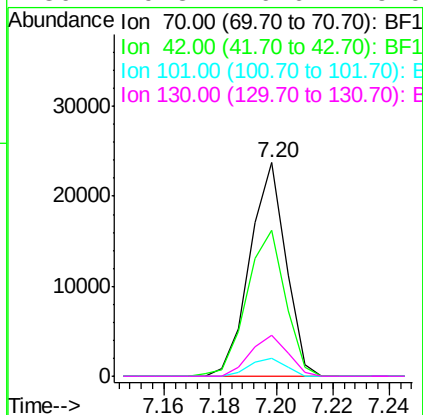
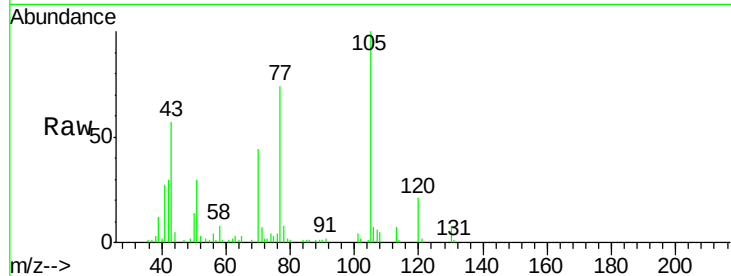
#19
n-Nitroso-di-n-propylamine
Concen: 2.160 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.2	47.5	71.3	
101	8.6	7.4	11.2	
130	19.3	16.6	25.0	

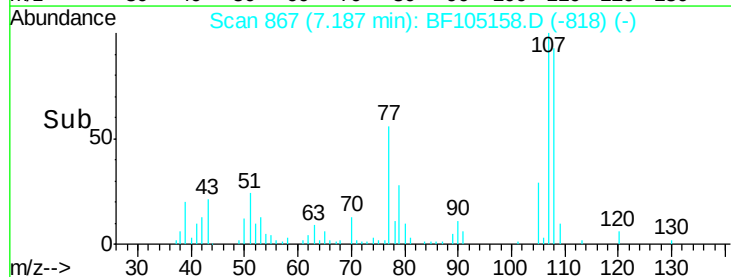
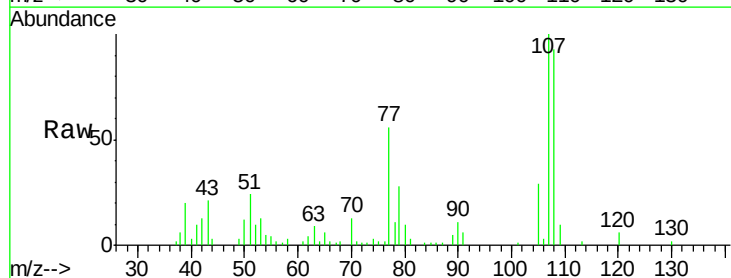
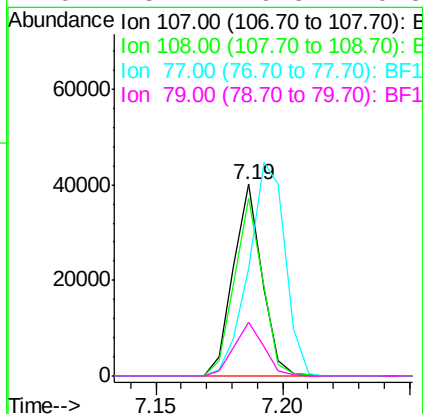
Manual Integrations
APPROVED

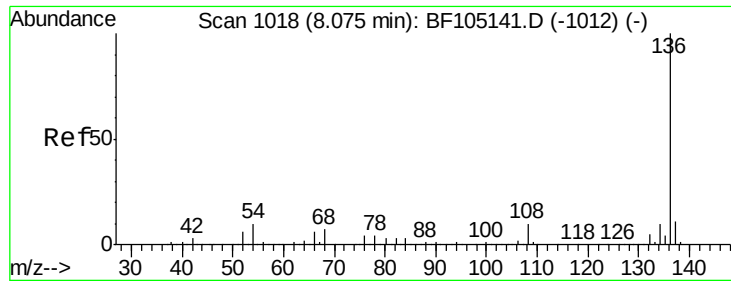
Sohil
5/9/2018 6:51:01 PM



#20
3+4-Methylphenols
Concen: 2.373 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

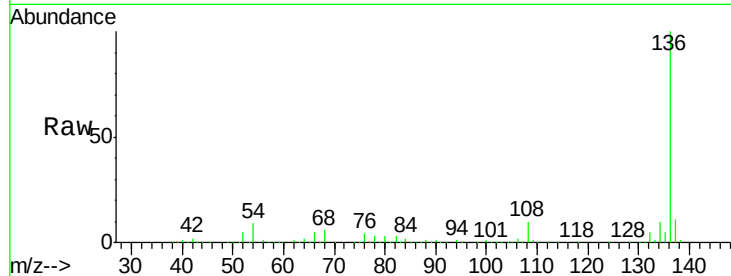
Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.0	68.2	108.2	
77	56.2	26.7	66.7	
79	28.1	6.3	46.3	





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

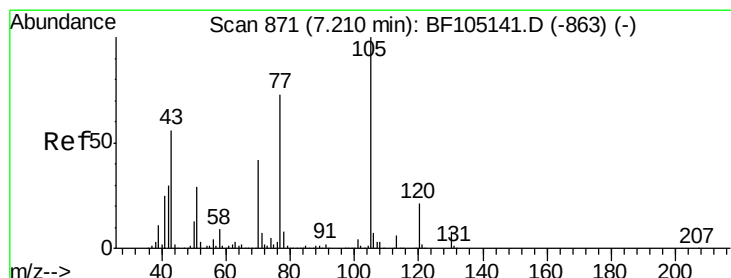
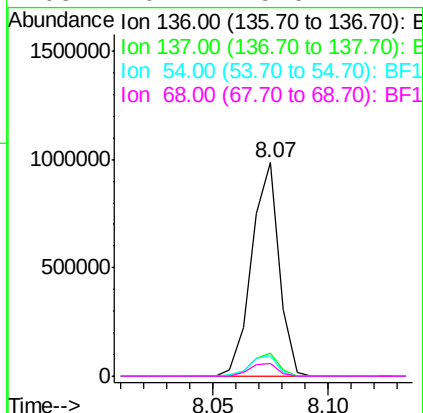
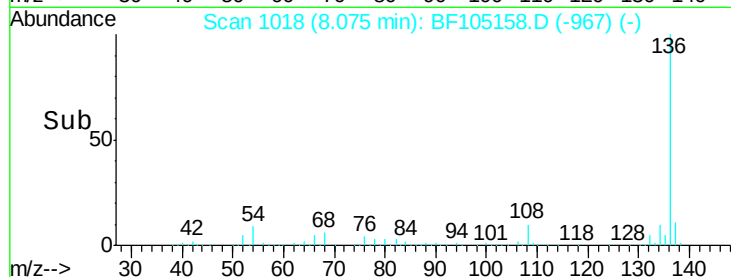
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2018



Tot Ion	Ratio	Resp	Lower	Upper
136	100	817054		
137	11.0		8.9	13.3
54	9.4		6.6	9.8
68	6.1		5.0	7.4

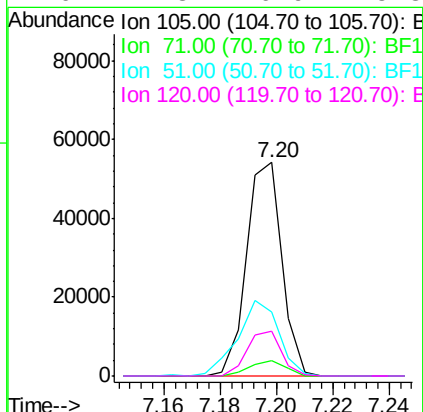
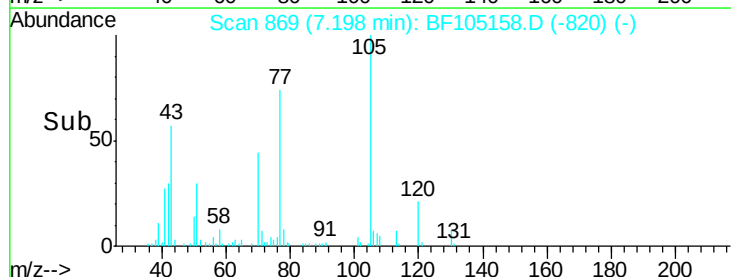
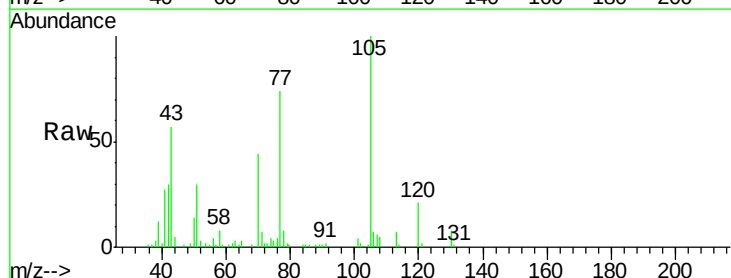
Manual Integrations
APPROVED

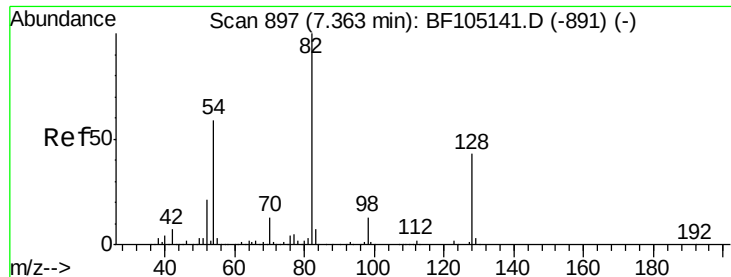
Sohil
5/9/2018 6:51:01 PM



#22
Acetophenone
Concen: 2.473 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	47106		
71	7.2		4.4	6.6#
51	30.1		22.3	33.5
120	21.3		16.9	25.3





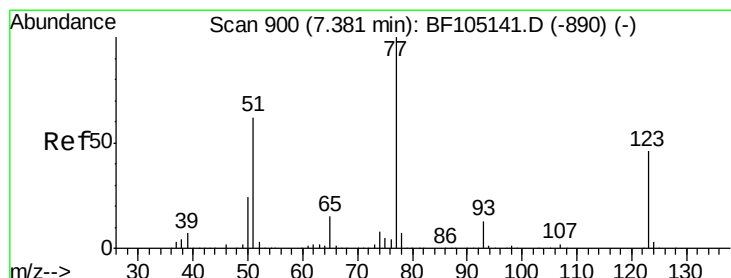
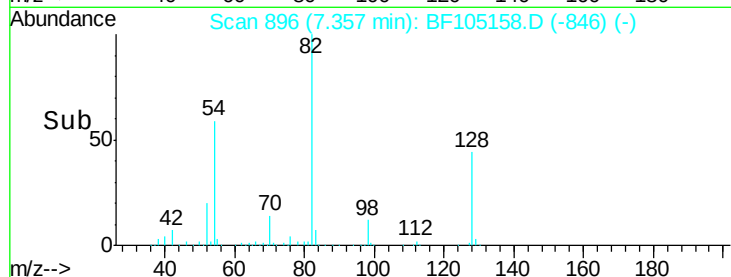
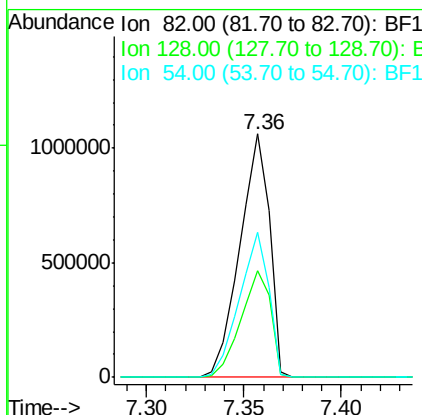
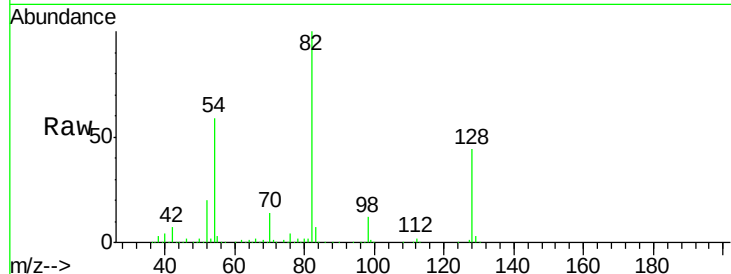
#23
Nitrobenzene-d5
Concen: 92.822 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tot Ion: 82 Resp: 1119035
Ion Ratio Lower Upper
82 100
128 43.6 36.1 54.1
54 59.4 41.4 62.2

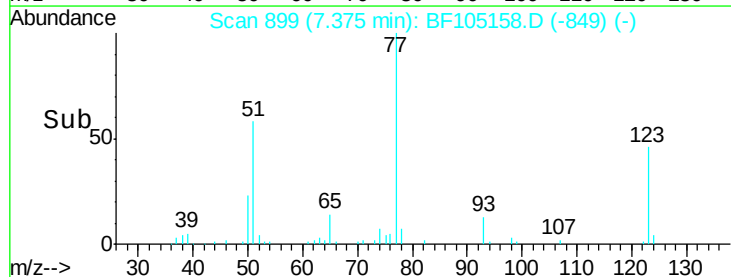
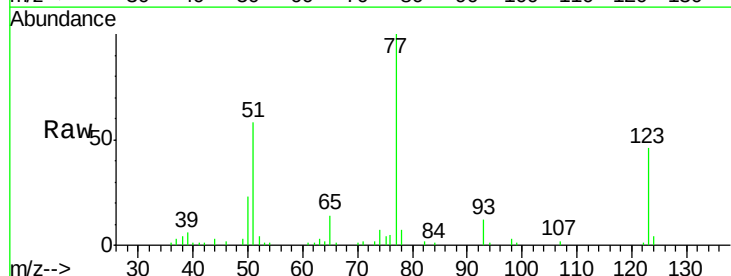
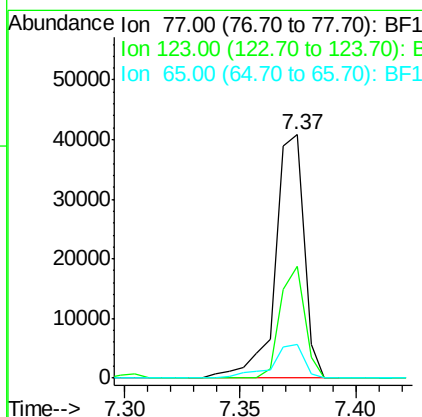
Manual Integrations
APPROVED

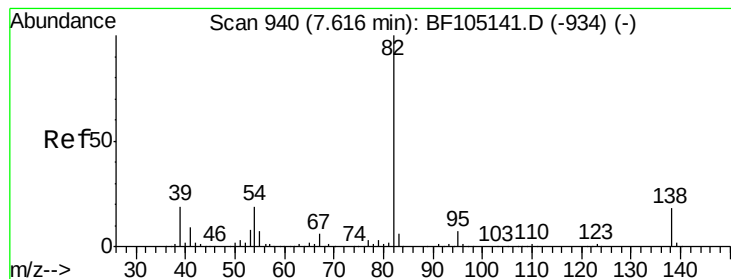
Sohil
5/9/2018 6:51:01 PM



#24
Nitrobenzene
Concen: 2.578 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Tgt Ion: 77 Resp: 35235
Ion Ratio Lower Upper
77 100
123 46.1 37.9 56.9
65 13.8 11.0 16.4





#25

Isophorone

Concen: 1.897 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF105158.D

Acq: 8 May 2018 21:39

Instrument :

BNA_F

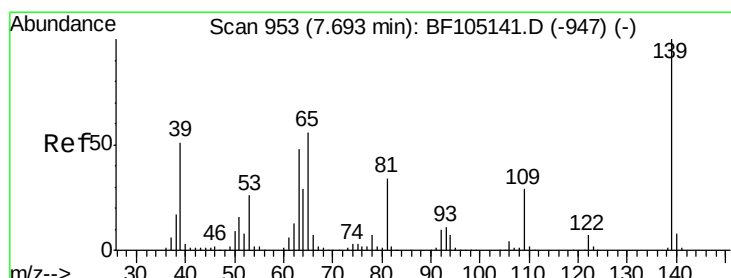
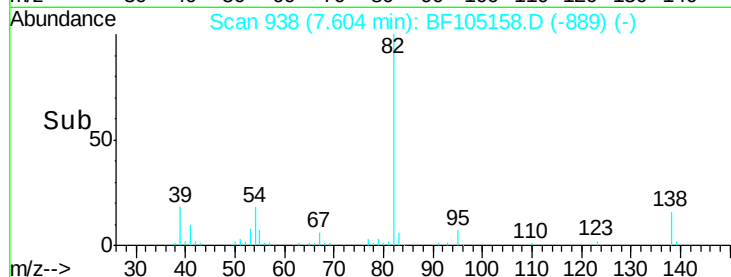
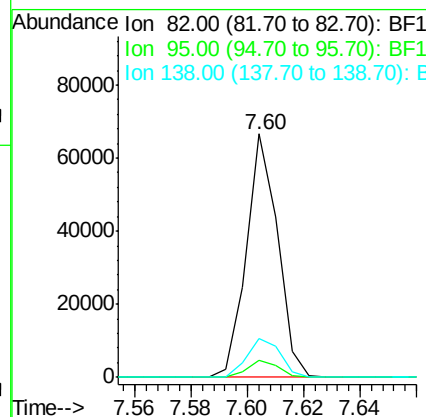
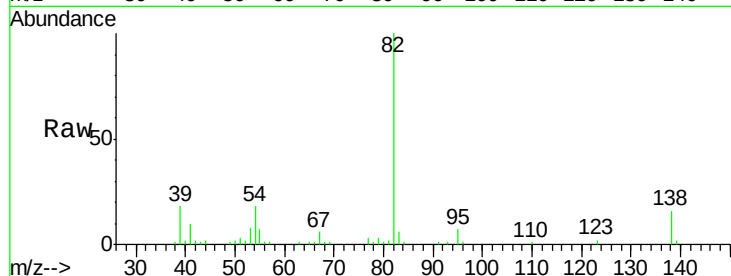
ClientSampleId :

MDL-SOIL-03-QT2-2018

Tot Ion:	82	Resp:	51137
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	16.0	14.9	22.3

Manual Integrations
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Sohil
5/9/2018 6:51:01 PM



#26

2-Nitrophenol

Concen: 11.249 ng

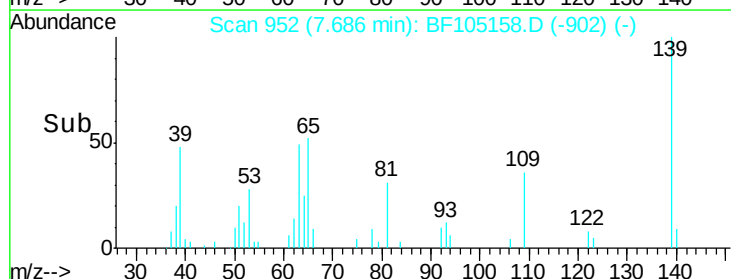
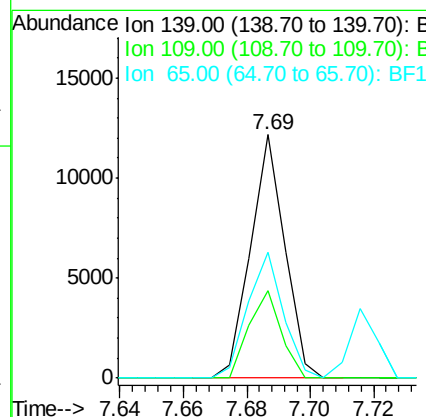
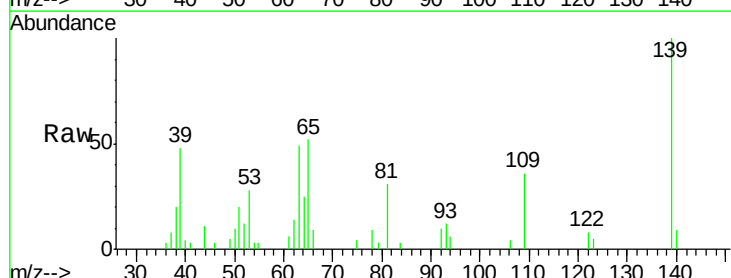
RT: 7.69 min Scan# 952

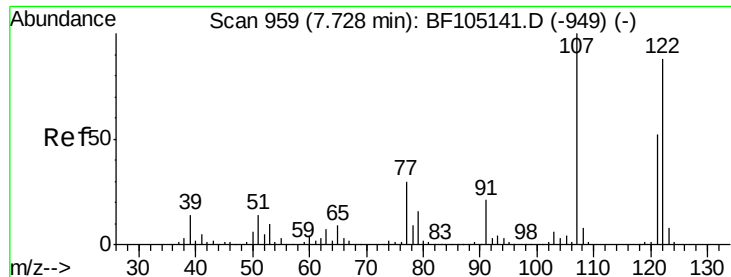
Delta R.T. -0.01 min

Lab File: BF105158.D

Acq: 8 May 2018 21:39

Tgt Ion:	139	Resp:	9119
Ion Ratio	Lower	Upper	
139	100		
109	35.7	22.7	34.1#
65	51.9	40.5	60.7





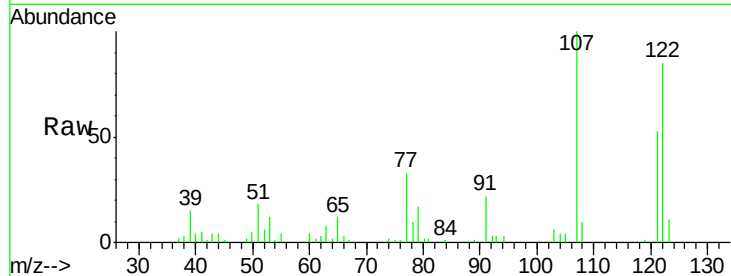
#27
 2,4-Dimethylphenol
 Concen: 1.578 ng
 RT: 7.72 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF105158.D
 Acq: 8 May 2018 21:39

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT2-2018

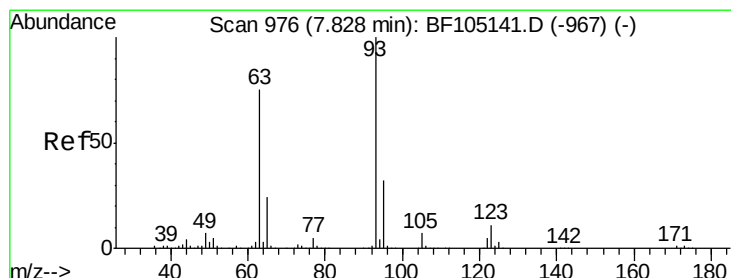
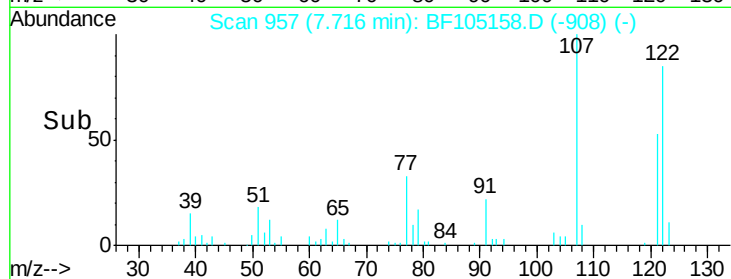
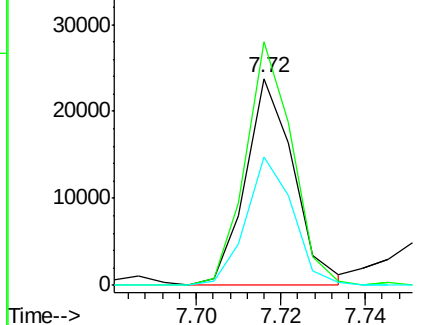
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.8	91.2	136.8
121	61.9	47.2	70.8

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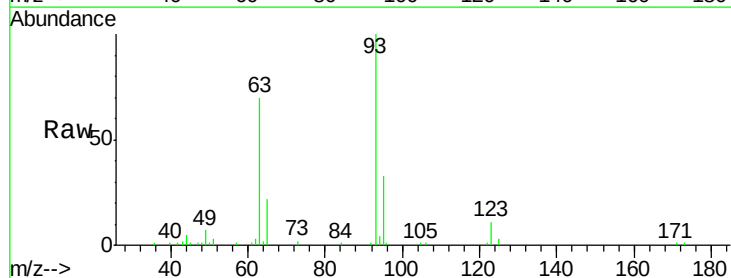


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

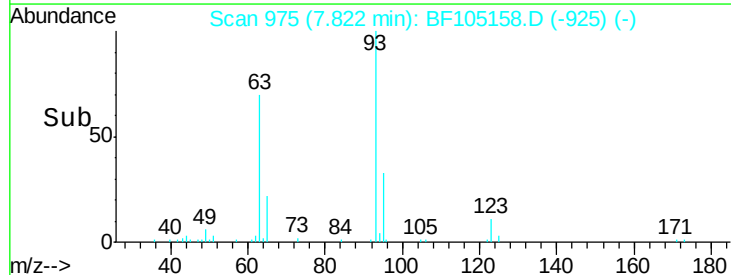
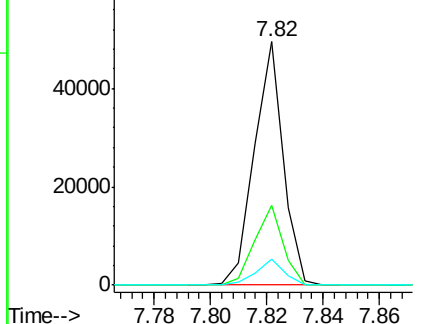


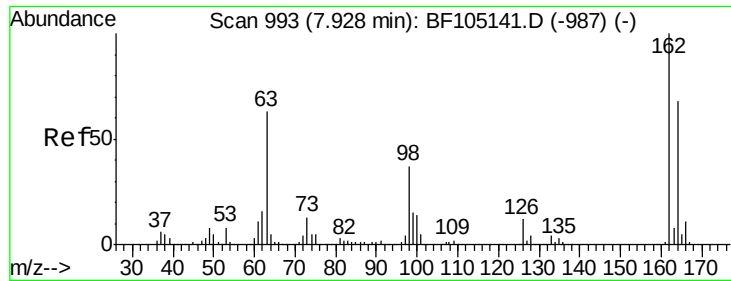
#28
 bis(2-Chloroethoxy)methane
 Concen: 2.113 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF105158.D
 Acq: 8 May 2018 21:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.3	39.5
123	10.5	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E





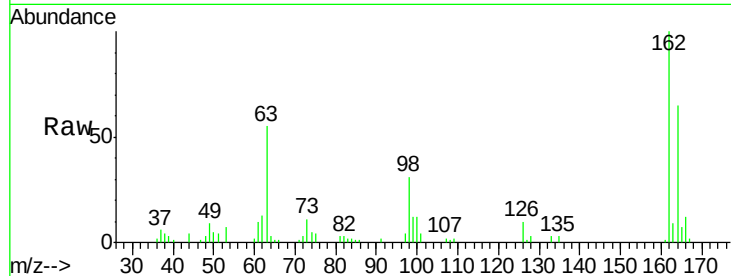
#29
2,4-Dichlorophenol
Concen: 1.990 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2018

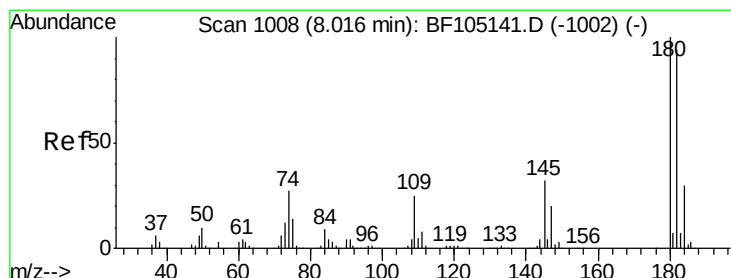
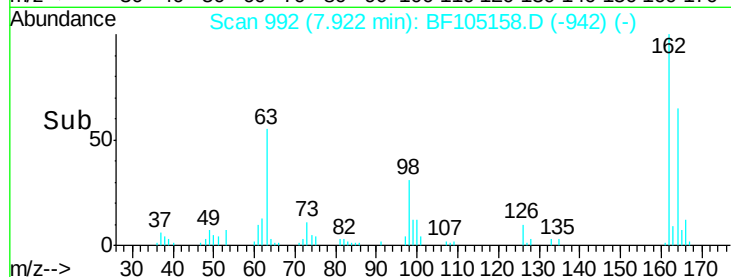
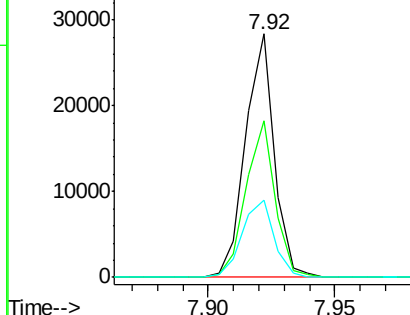
Tot Ion:	162	Resp:	22303
Ion Ratio	Lower	Upper	
162	100		
164	64.5	42.7	82.7
98	31.5	18.1	58.1

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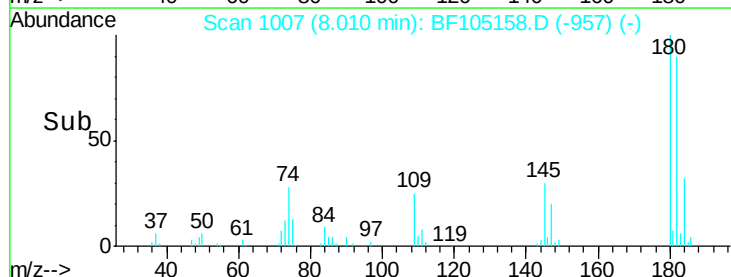
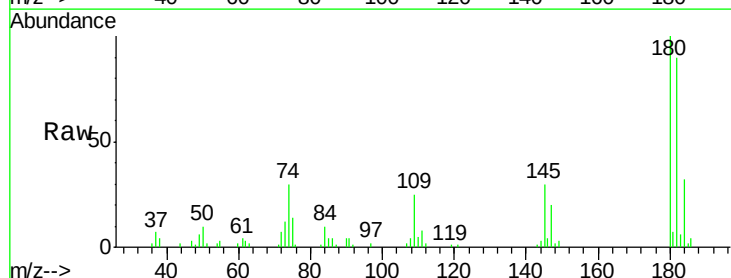
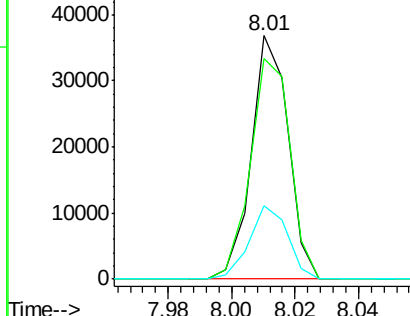
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

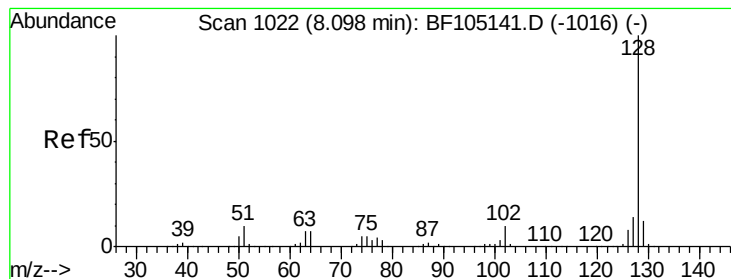


#30
1,2,4-Trichlorobenzene
Concen: 2.294 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Tgt Ion:	180	Resp:	29657
Ion Ratio	Lower	Upper	
180	100		
182	90.5	76.8	115.2
145	30.2	26.5	39.7

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





#31

Naphthalene

Concen: 2.332 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF105158.D

Acq: 8 May 2018 21:39

Instrument :

BNA_F

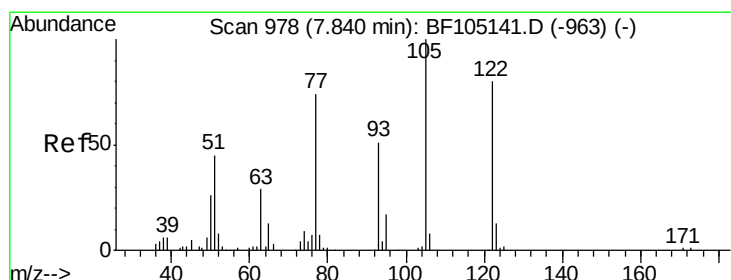
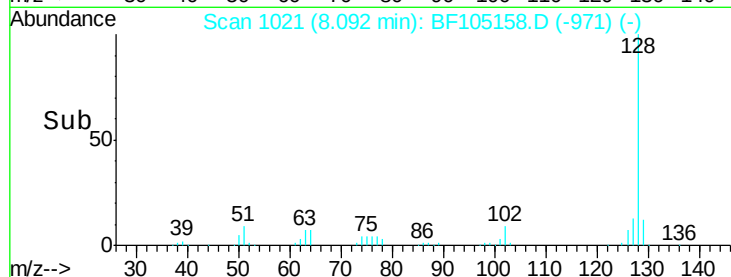
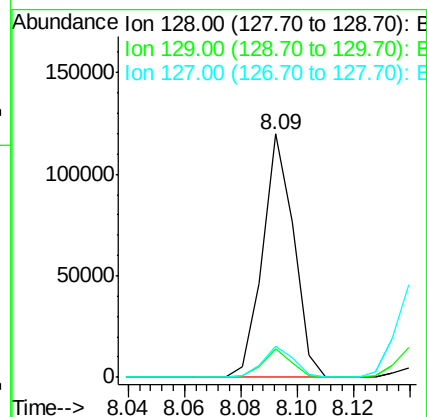
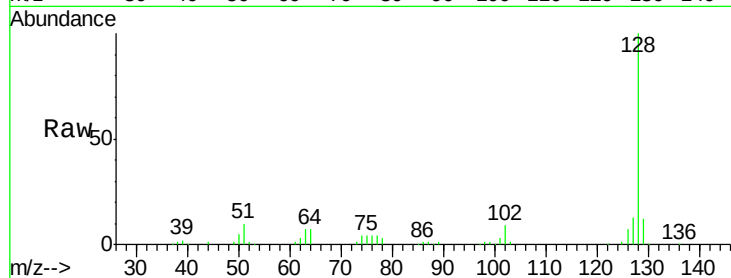
ClientSampleId :

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Tot Ion:	128	Resp:	91734
Ion Ratio	Lower	Upper	
128	100		
129	11.5	8.8	13.2
127	13.0	10.9	16.3

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#32

Benzoic acid

Concen: 10.176 ng

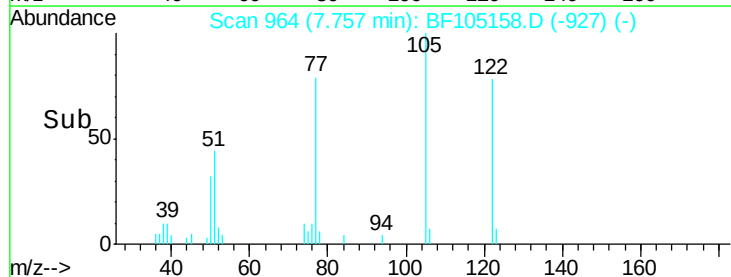
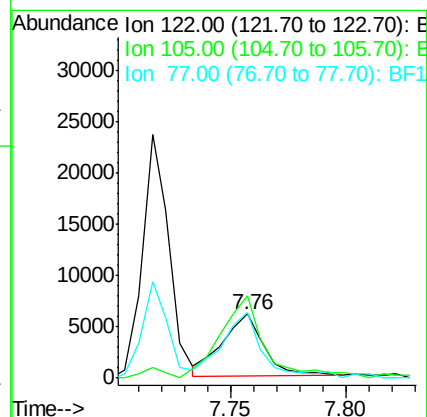
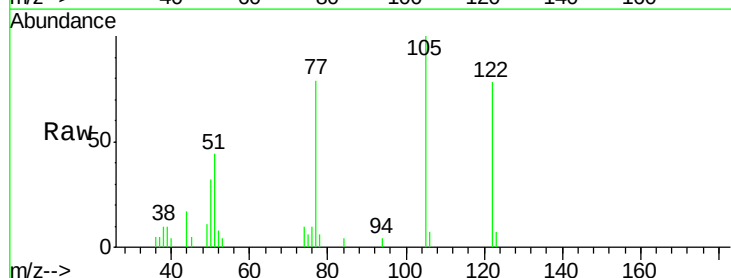
RT: 7.76 min Scan# 964

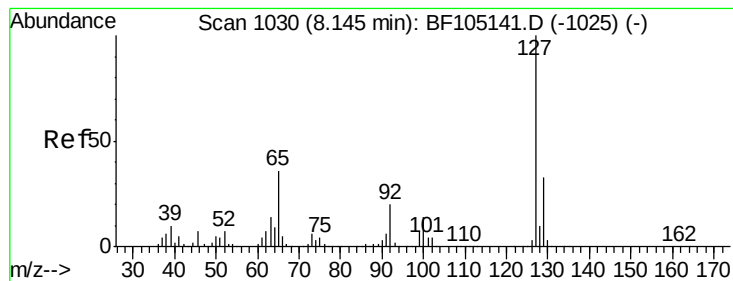
Delta R.T. -0.08 min

Lab File: BF105158.D

Acq: 8 May 2018 21:39

Tgt Ion:	122	Resp:	7467
Ion Ratio	Lower	Upper	
122	100		
105	128.8	101.1	141.1
77	102.3	70.7	110.7





#33

4-Chloroaniline

Concen: 2.041 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF105158.D

Acq: 8 May 2018 21:39

Instrument :

BNA_F

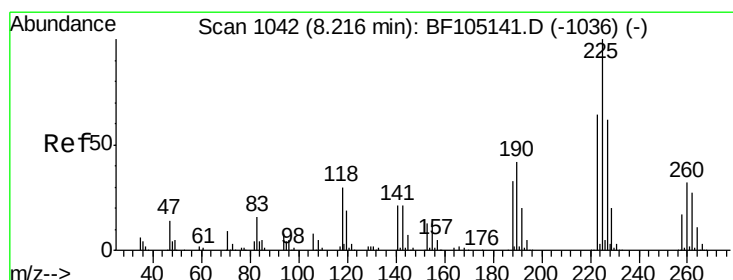
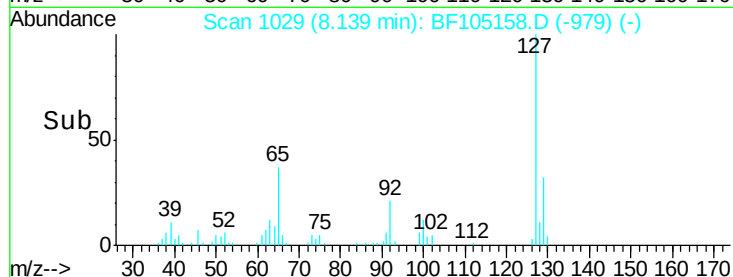
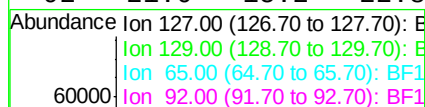
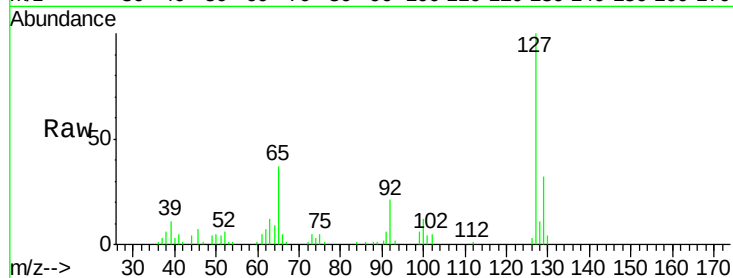
ClientSampleId :

MDL-SOIL-03-QT2-2018

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3		25.9	38.9	
65	36.6		25.0	37.4	
92	21.0		15.2	22.8	

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#34

Hexachlorobutadiene

Concen: 2.386 ng

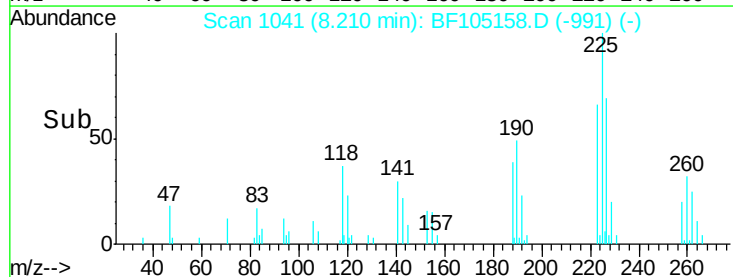
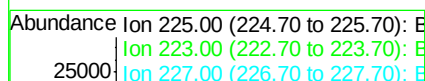
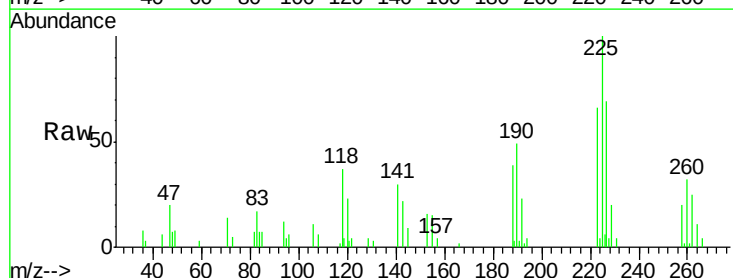
RT: 8.21 min Scan# 1041

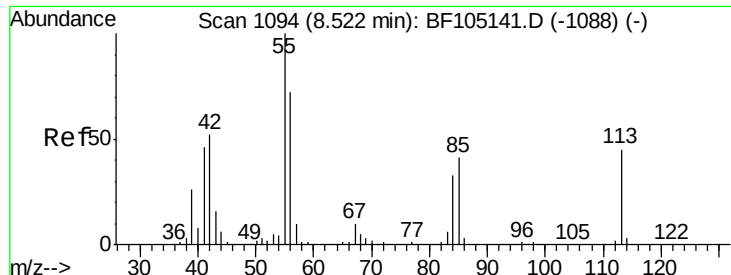
Delta R.T. -0.01 min

Lab File: BF105158.D

Acq: 8 May 2018 21:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.6		50.6	76.0	
227	68.9		51.9	77.9	





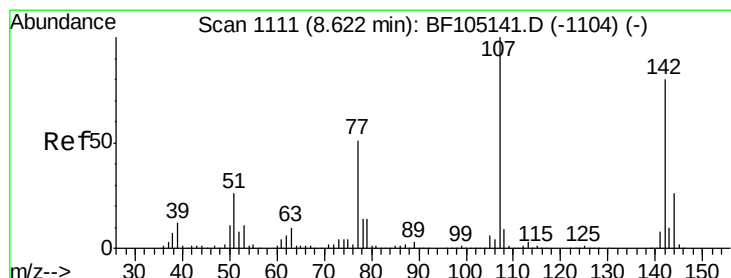
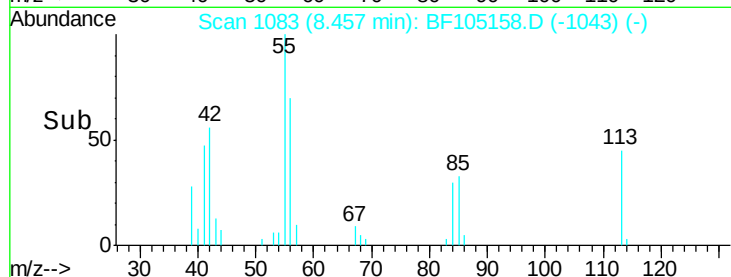
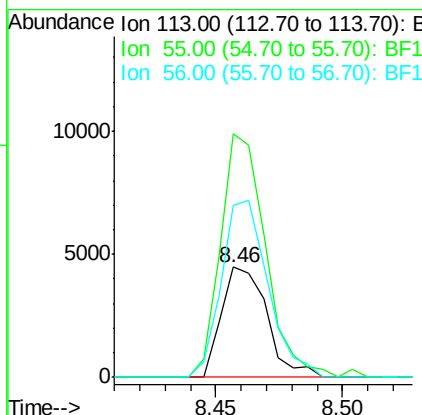
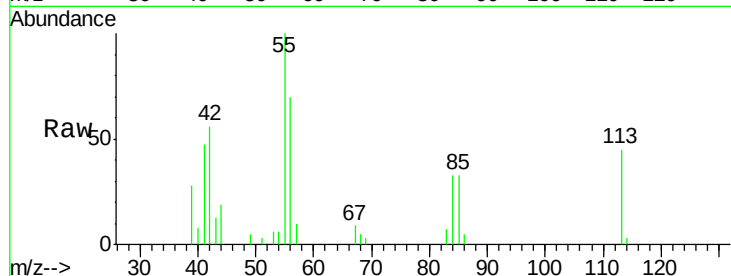
#35
Caprolactam
Concen: 1.636 ng
RT: 8.46 min Scan# 1083
Delta R.T. -0.06 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
113	100		
55	220.9	163.3	203.3#
56	155.5	115.7	155.7

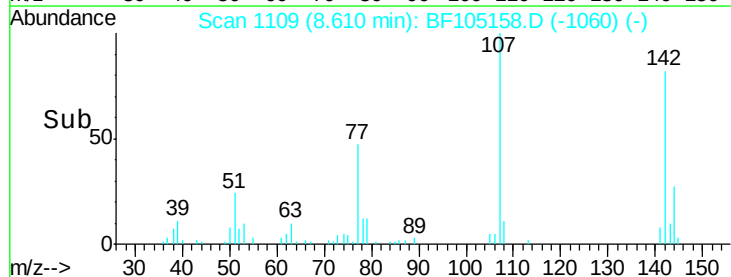
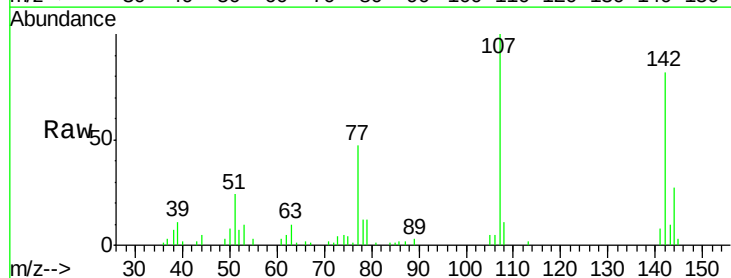
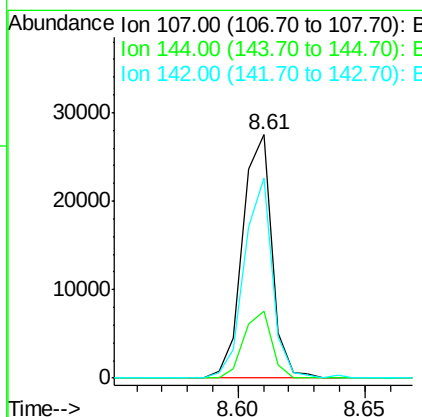
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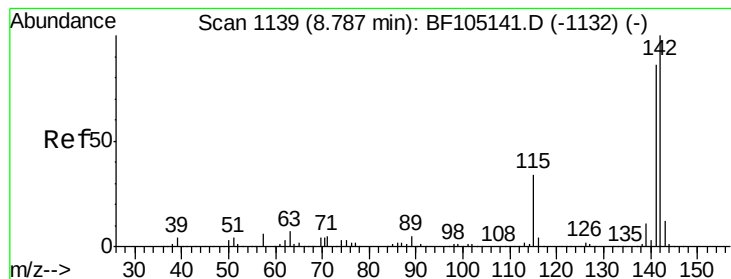
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#36
4-Chloro-3-methylphenol
Concen: 1.890 ng
RT: 8.61 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.4	20.5	30.7
142	82.4	62.0	93.0





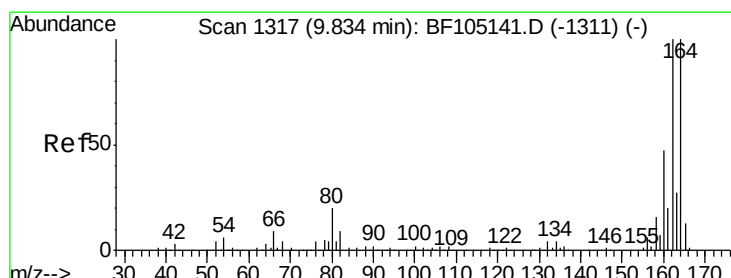
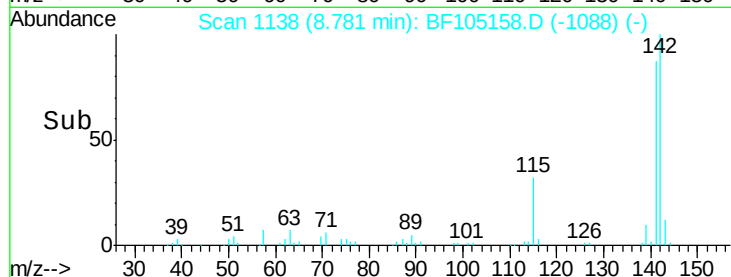
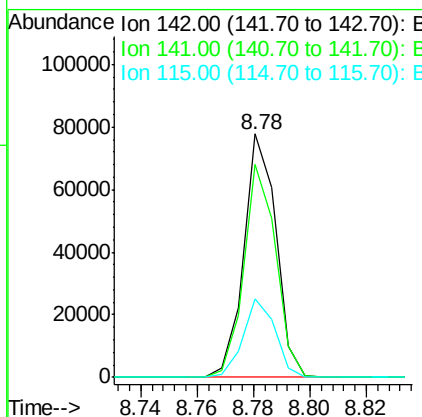
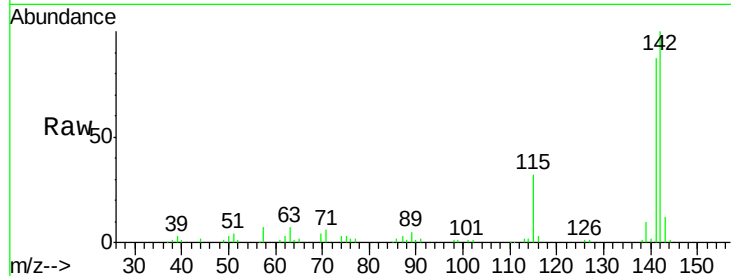
#37
2-Methylnaphthalene
Concen: 2.235 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.8	106.2
115	32.4	26.1	39.1

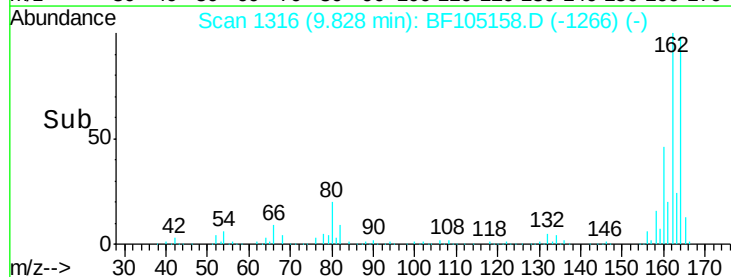
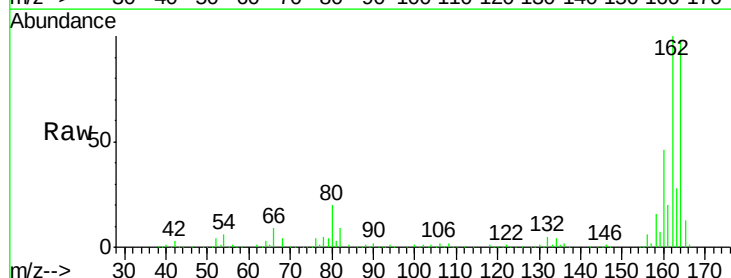
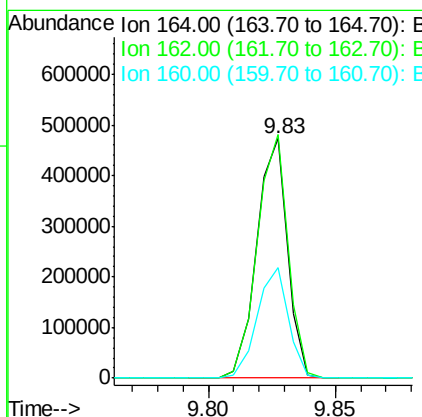
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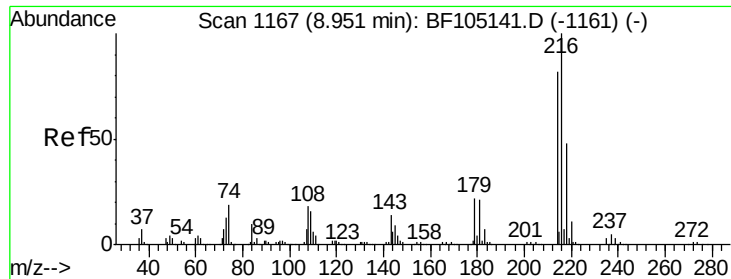
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	46.4	38.3	57.5





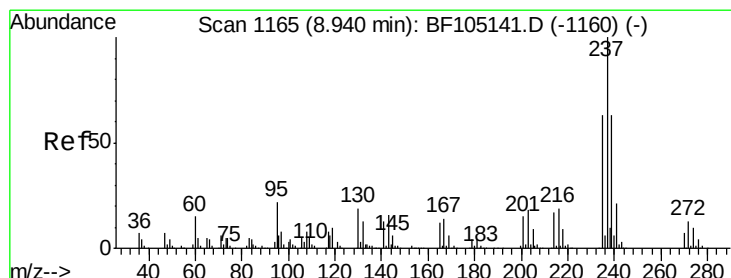
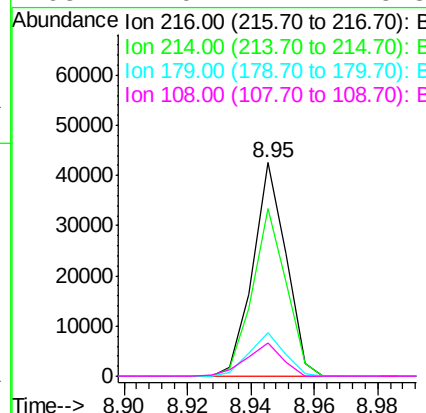
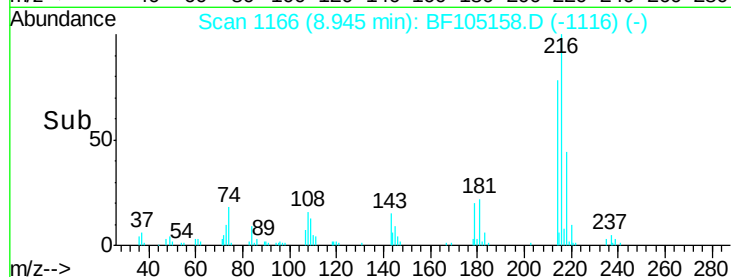
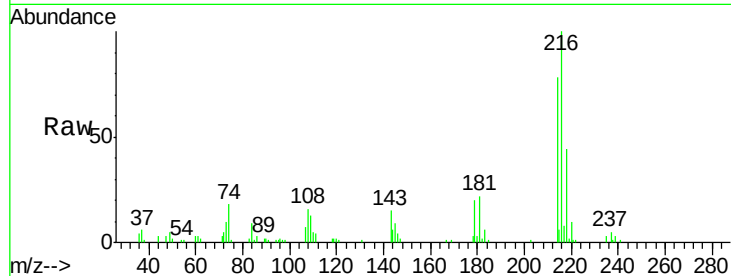
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.420 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF105158.D
 Acq: 8 May 2018 21:39

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT2-2018

Tot Ion:	216	Resp:	30960
Ion Ratio		Lower	Upper
216	100		
214	79.8	63.0	94.4
179	21.5	18.1	27.1
108	17.0	17.2	25.8#

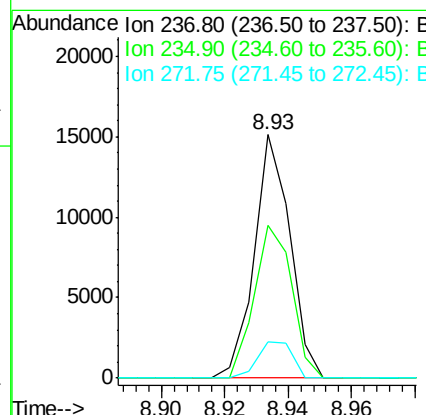
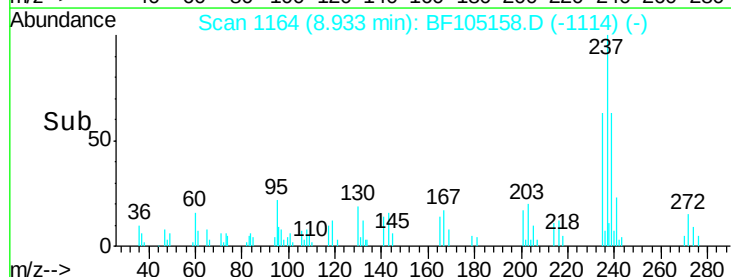
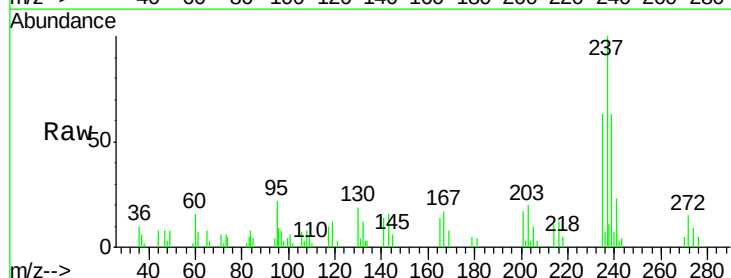
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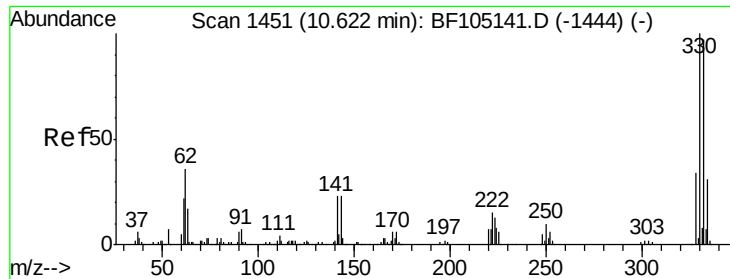
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#40
 Hexachlorocyclopentadiene
 Concen: 1.712 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF105158.D
 Acq: 8 May 2018 21:39

Tgt Ion:	237	Resp:	11842
Ion Ratio		Lower	Upper
237	100		
235	62.8	44.8	84.8
272	14.7	0.0	33.3





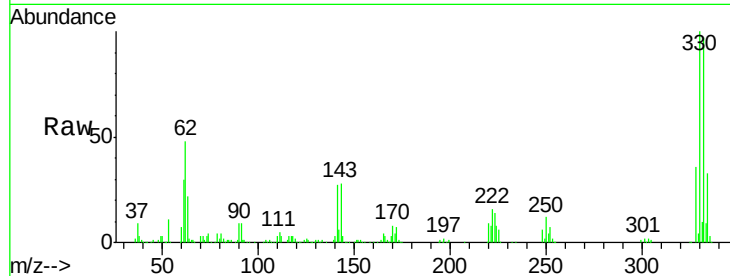
#41
 2,4,6-Tribromophenol
 Concen: 136.170 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF105158.D
 Acq: 8 May 2018 21:39

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT2-2018

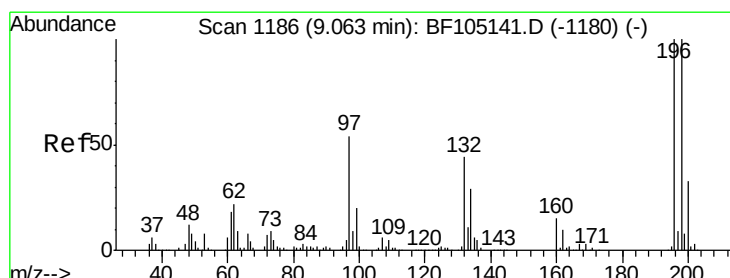
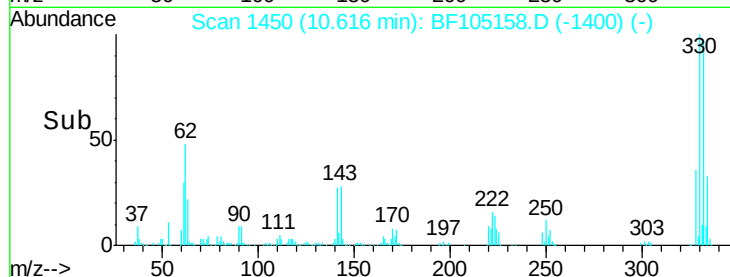
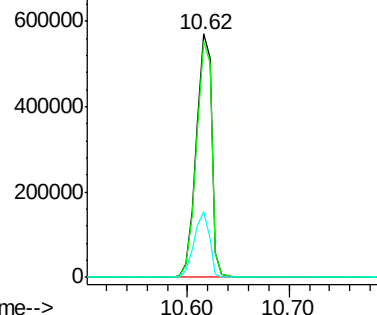
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	77.0	115.6	
141	27.0	29.9	44.9	

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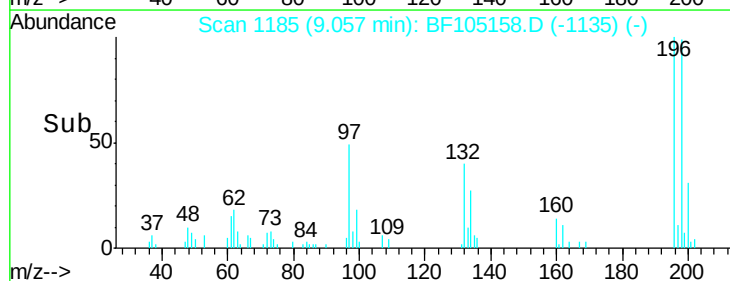
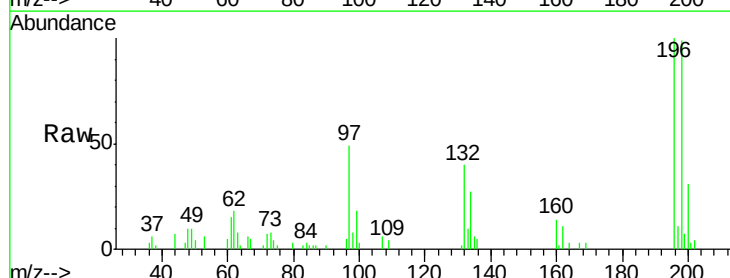
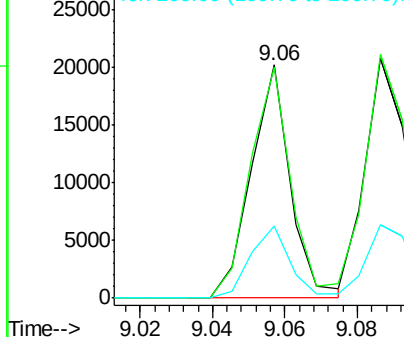
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

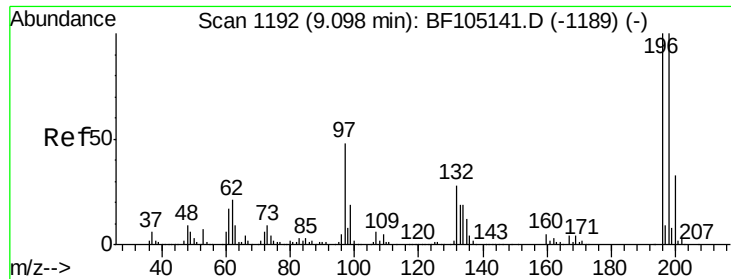


#42
 2,4,6-Trichlorophenol
 Concen: 1.939 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF105158.D
 Acq: 8 May 2018 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.9	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





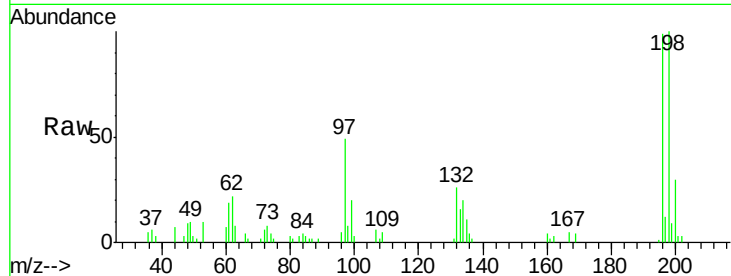
#43
 2,4,5-Trichlorophenol
 Concen: 2.089 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF105158.D
 Acq: 8 May 2018 21:39

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
196	100		
198	101.3	74.6	112.0
97	49.4	42.9	64.3
132	26.4	26.3	39.5

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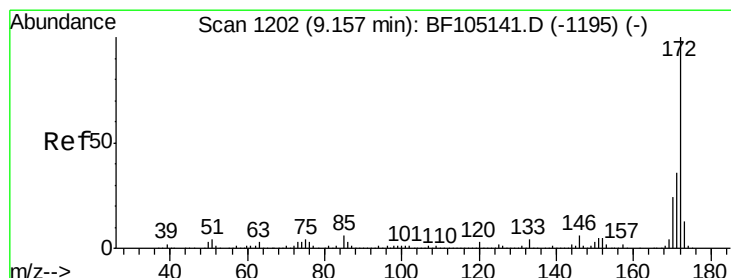
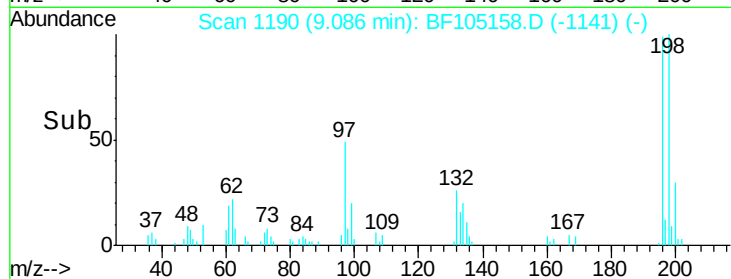
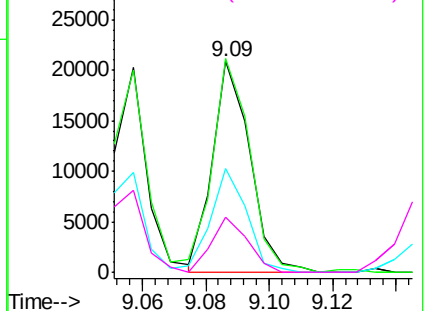
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.506 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105158.D
 Acq: 8 May 2018 21:39

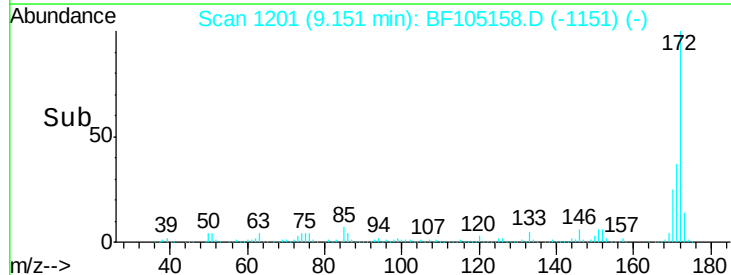
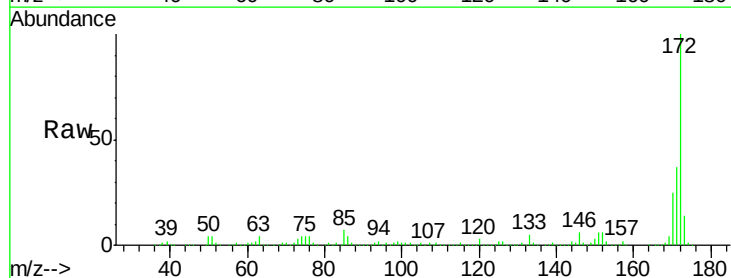
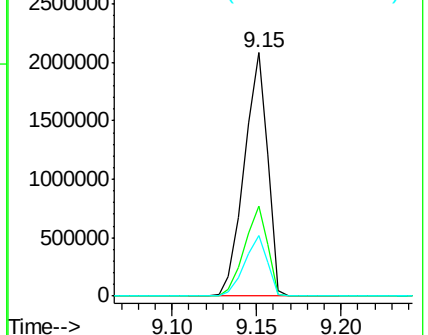
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.6	19.6	29.4

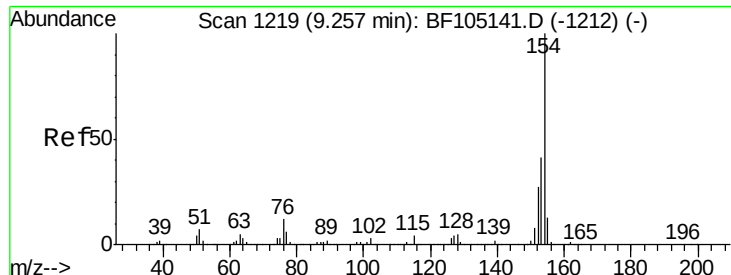
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





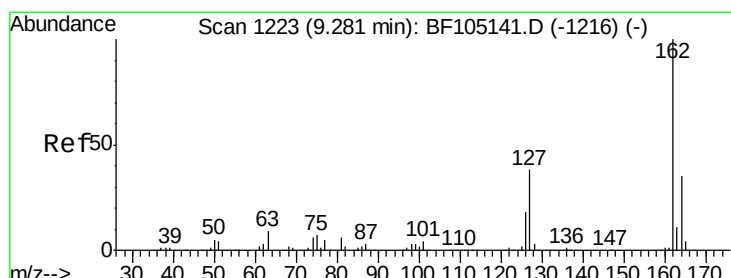
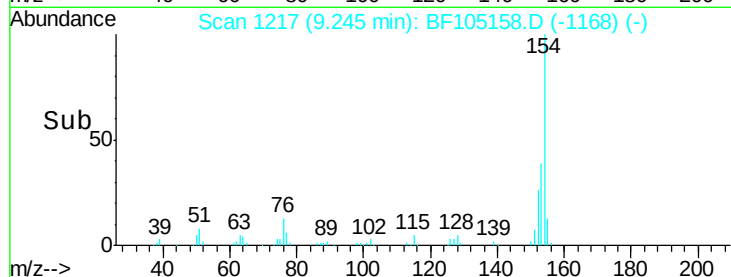
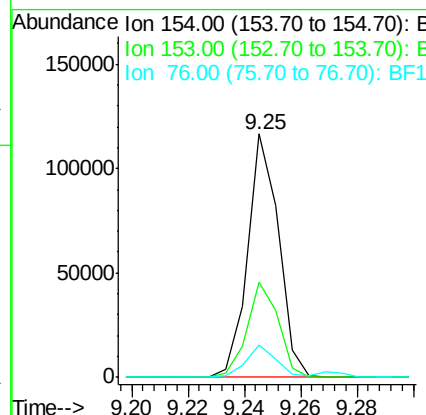
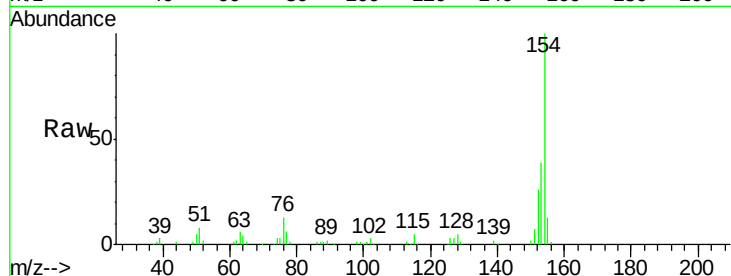
#45
 1,1'-Biphenyl
 Concen: 2.700 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF105158.D
 Acq: 8 May 2018 21:39

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.0	21.3	61.3
76	13.4	0.0	34.0

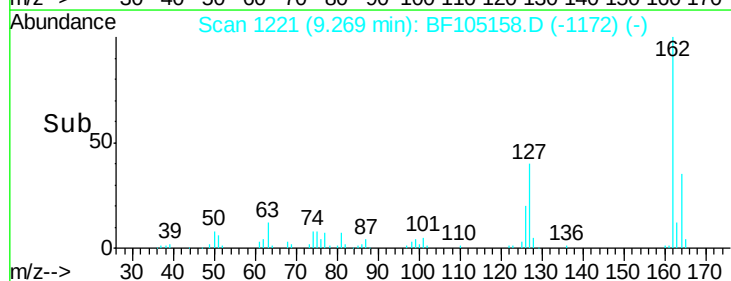
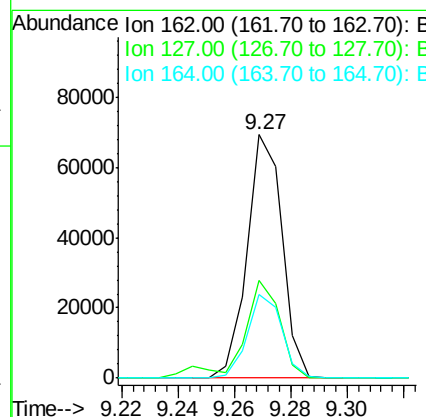
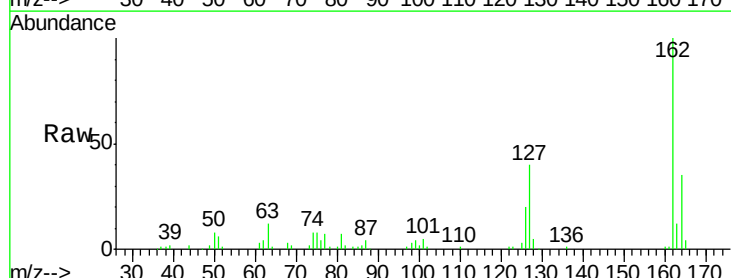
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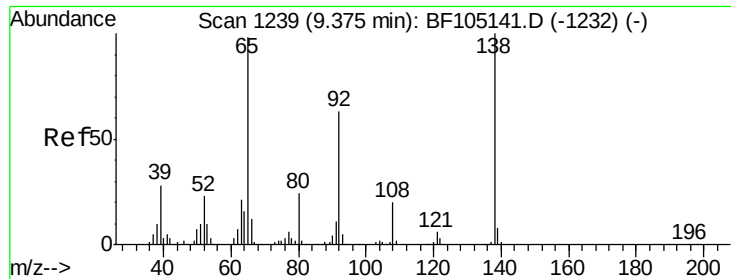
Sohil
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#46
 2-Chloronaphthalene
 Concen: 2.434 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF105158.D
 Acq: 8 May 2018 21:39

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.9	33.9	50.9
164	34.6	26.5	39.7





#47

2-Nitroaniline

Concen: 7.182 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF105158.D

Acq: 8 May 2018 21:39

Instrument :

BNA_F

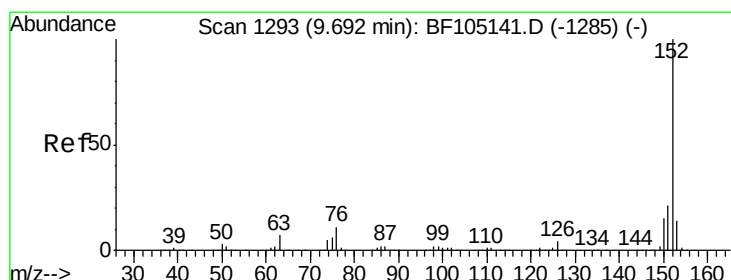
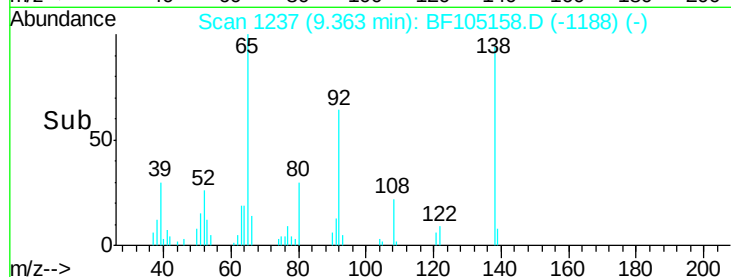
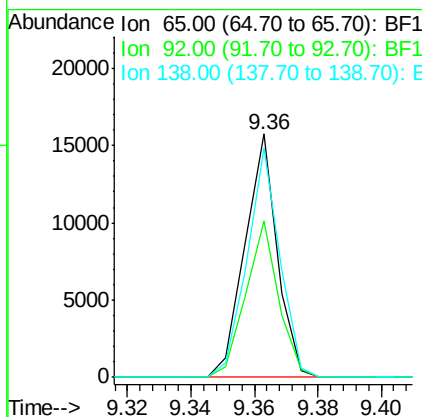
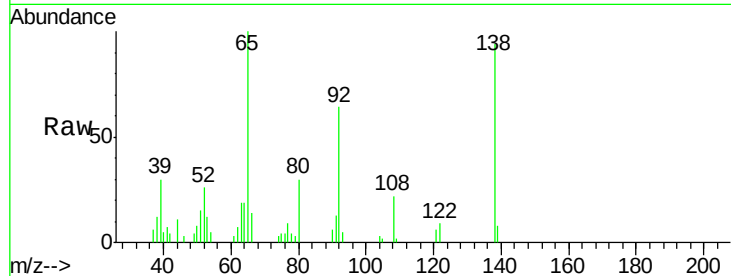
ClientSampleId :

MDL-SOIL-03-QT2-2018

Tot Ion:	65	Resp:	11092
Ion Ratio	Lower	Upper	
65	100		
92	64.1	55.8	83.6
138	94.1	91.2	136.8

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#48

Acenaphthylene

Concen: 2.366 ng

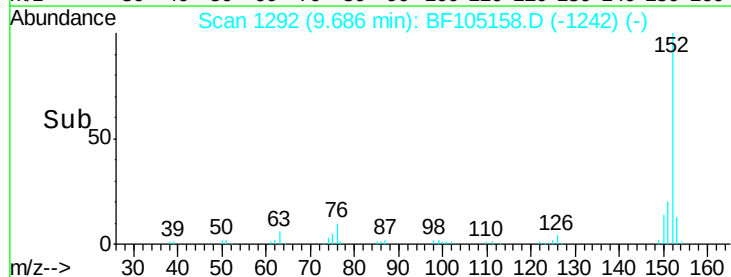
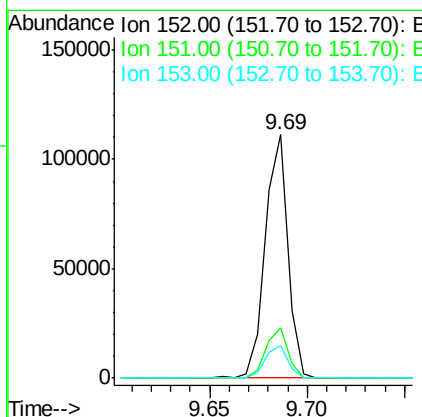
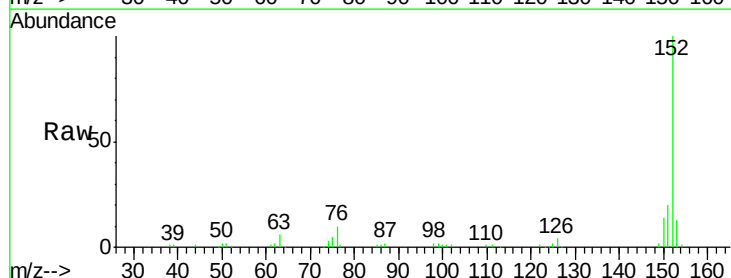
RT: 9.69 min Scan# 1292

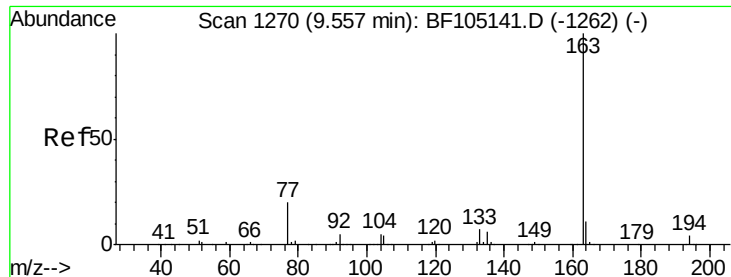
Delta R.T. -0.01 min

Lab File: BF105158.D

Acq: 8 May 2018 21:39

Tgt Ion:	152	Resp:	89448
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.3	24.5
153	13.3	10.7	16.1





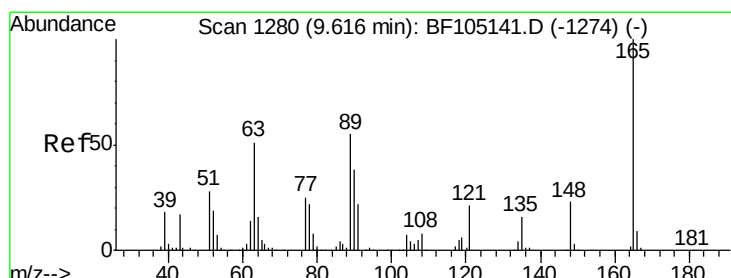
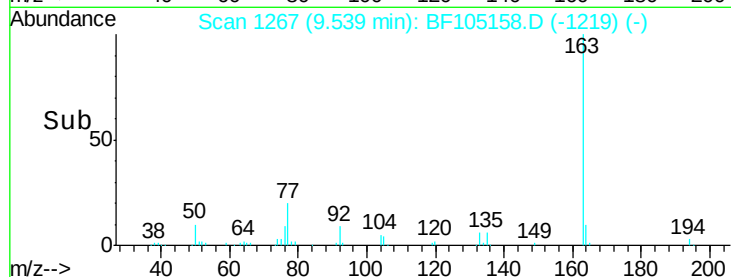
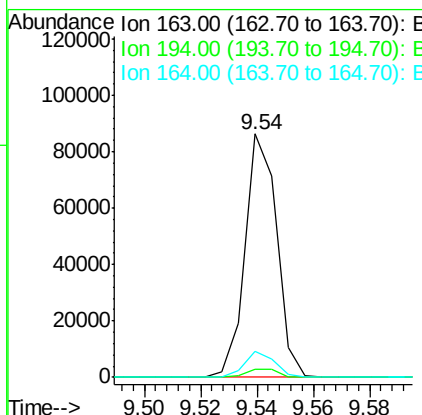
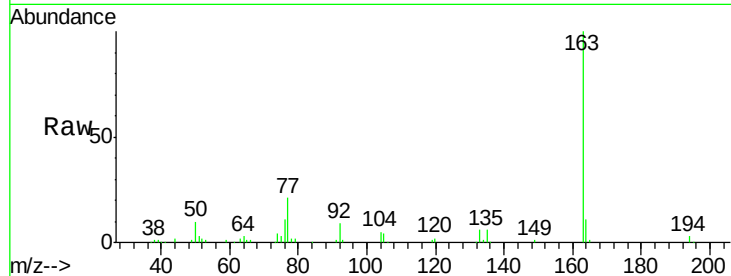
#49
Dimethylphthalate
Concen: 2.466 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
163	100	67094		
194	3.4		2.7	4.1
164	10.6		8.2	12.2

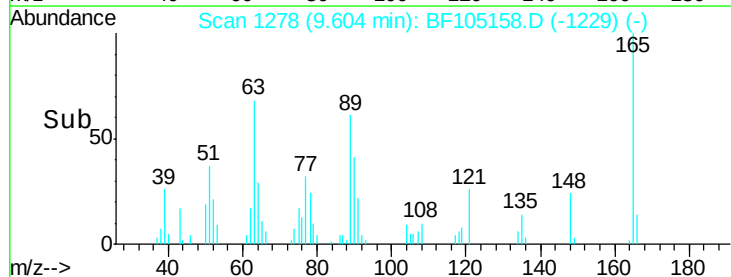
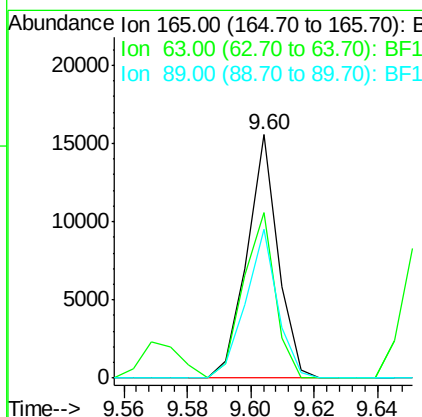
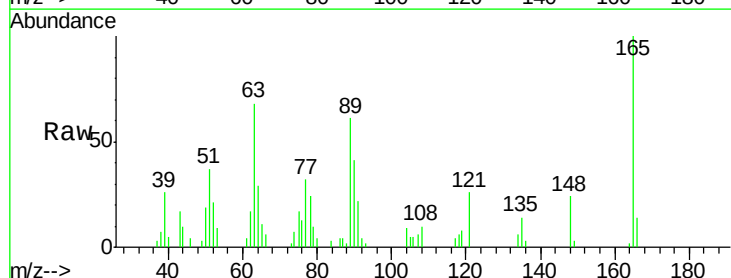
Manual Integrations
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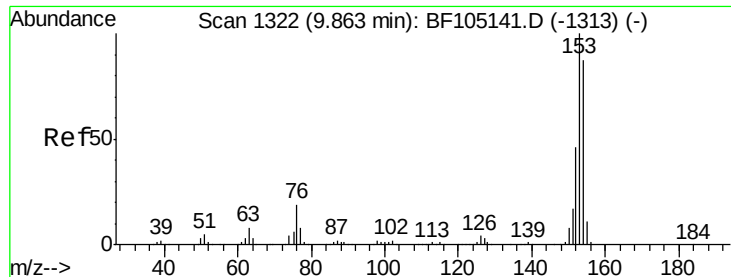
Sohil
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#50
2,6-Dinitrotoluene
Concen: 1.787 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	10550		
63	68.2		44.7	67.1#
89	61.3		44.0	66.0





#51

Acenaphthene

Concen: 2.491 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF105158.D

Acq: 8 May 2018 21:39

Instrument :

BNA_F

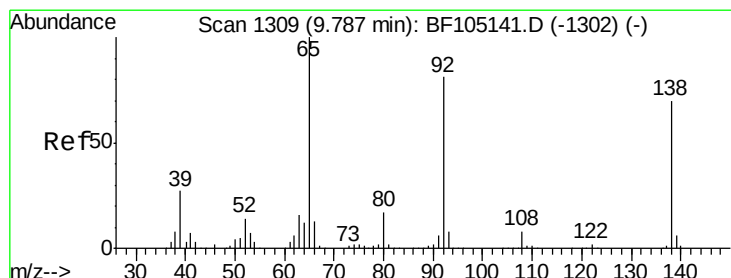
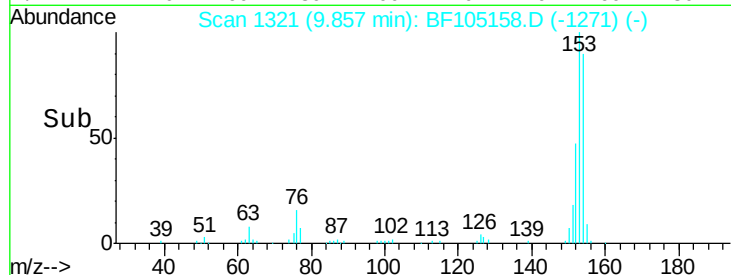
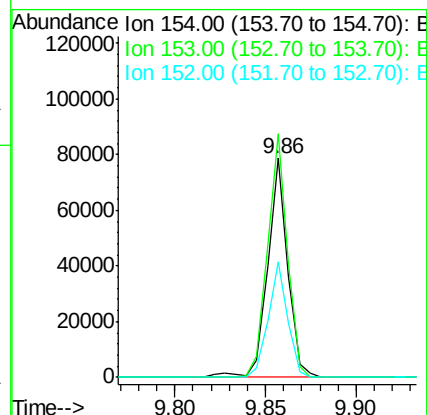
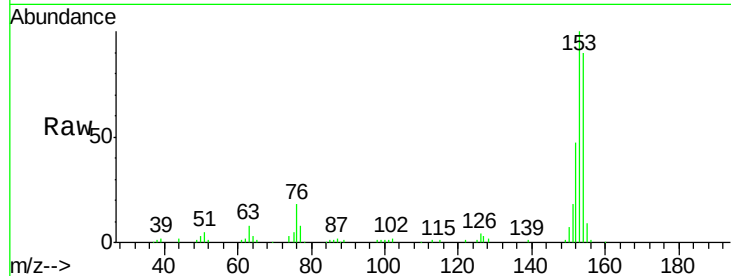
ClientSampleId :

MDL-SOIL-03-QT2-2018

Tot Ion:	154	Resp:	60703
Ion Ratio	Lower	Upper	
154	100		
153	111.1	91.2	136.8
152	52.7	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 1.928 ng

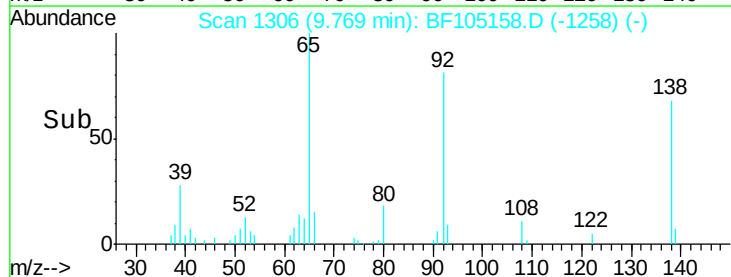
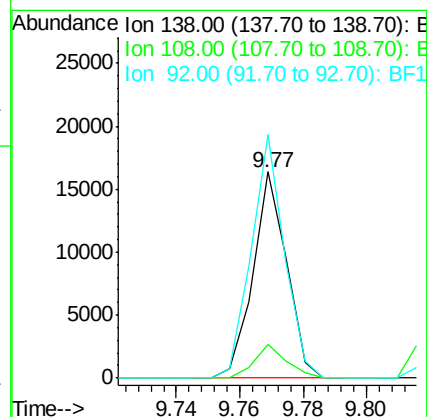
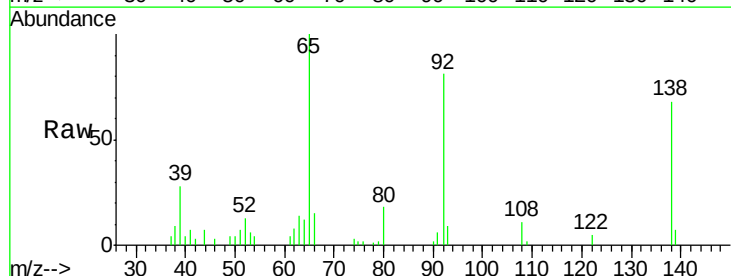
RT: 9.77 min Scan# 1306

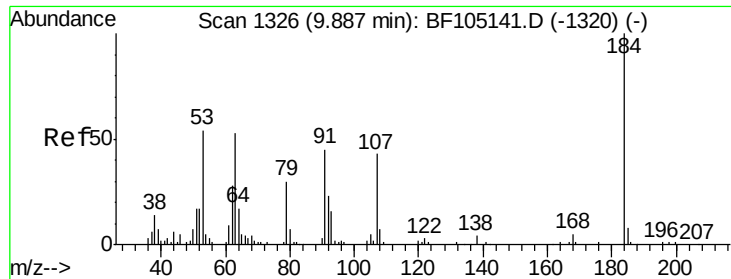
Delta R.T. -0.02 min

Lab File: BF105158.D

Acq: 8 May 2018 21:39

Tgt Ion:	138	Resp:	11993
Ion Ratio	Lower	Upper	
138	100		
108	16.3	9.4	14.0#
92	118.0	89.4	134.2





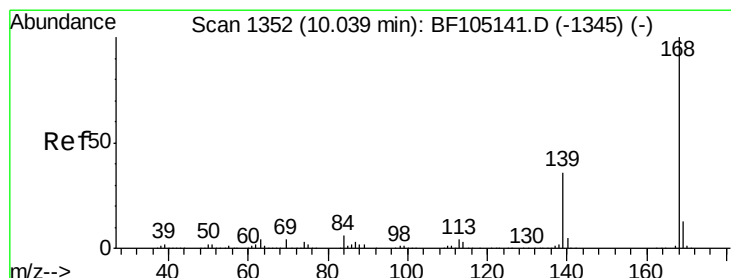
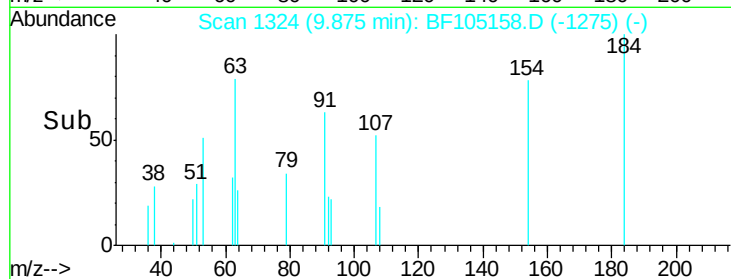
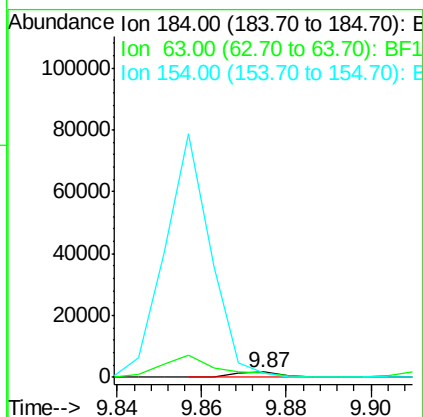
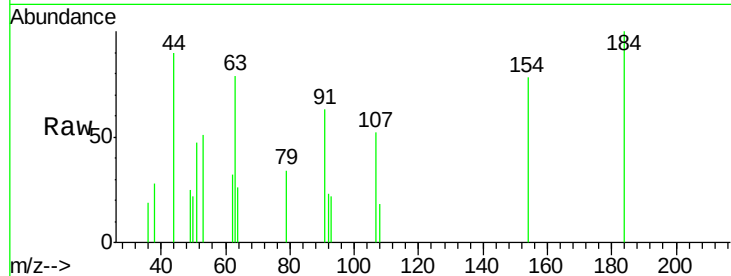
#53
2,4-Dinitrophenol
Concen: 10.193 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
184	100		
63	78.5	54.2	81.2
154	77.8	184.0	276.0#

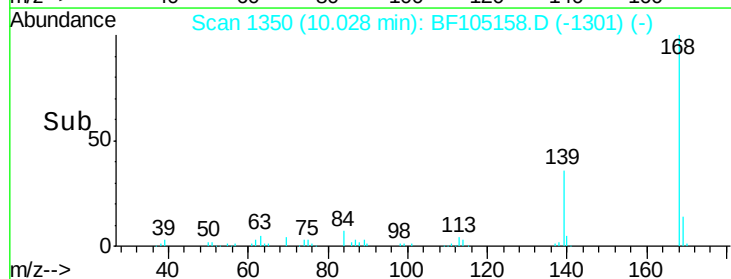
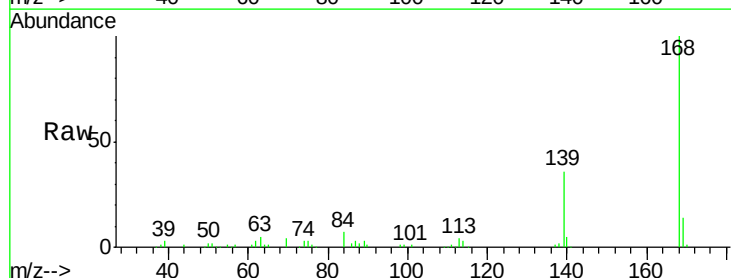
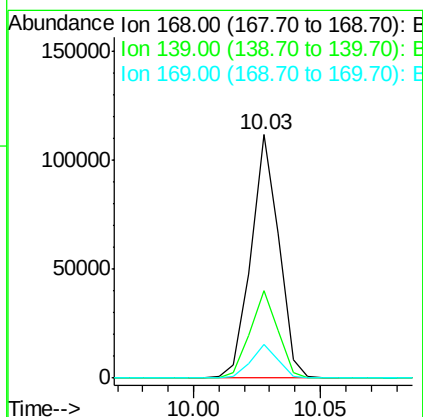
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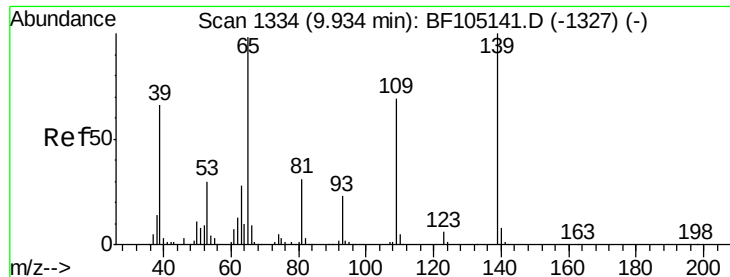
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#54
Dibenzofuran
Concen: 2.398 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.0	30.1	45.1
169	13.8	10.9	16.3





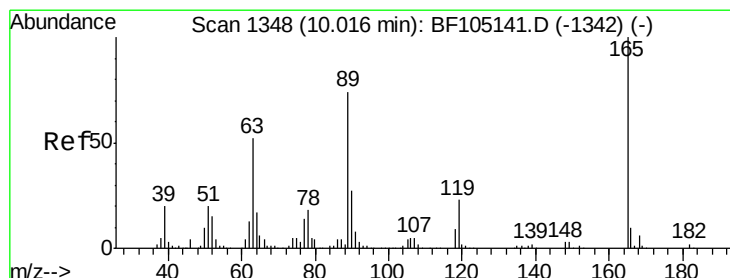
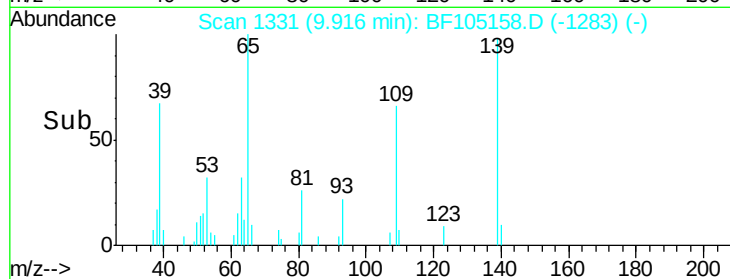
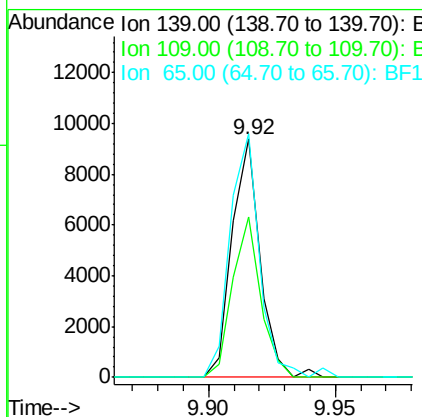
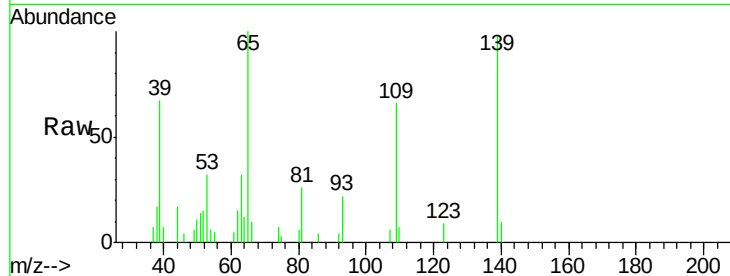
#55
4-Nitrophenol
Concen: 5.526 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
139	100		
109	67.1	48.4	88.4
65	102.1	72.6	112.6

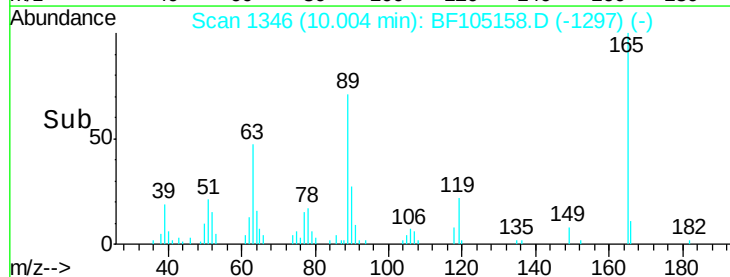
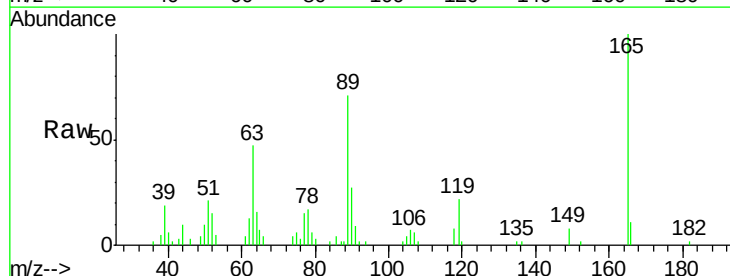
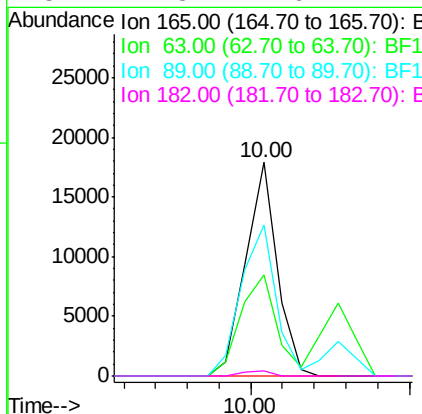
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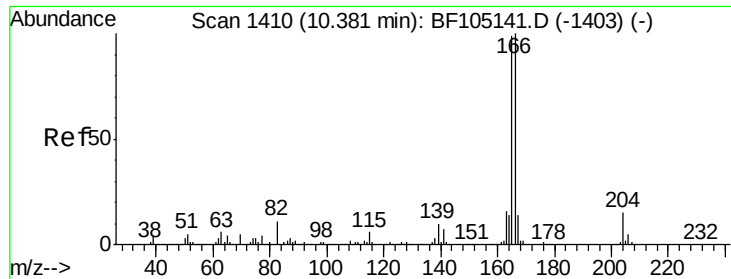
Sohil
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#56
2,4-Dinitrotoluene
Concen: 5.069 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.4	36.4	54.6
89	70.6	57.8	86.6
182	2.3	1.6	2.4





#57

Fluorene

Concen: 2.576 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF105158.D

Acq: 8 May 2018 21:39

Instrument :

BNA_F

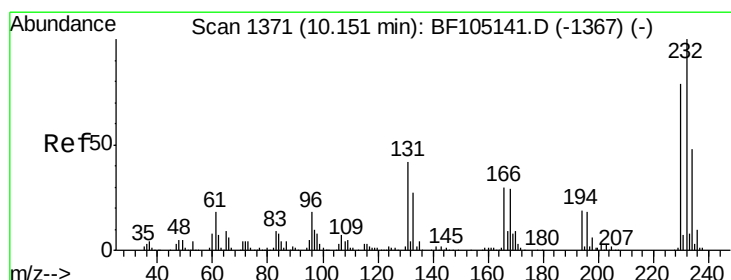
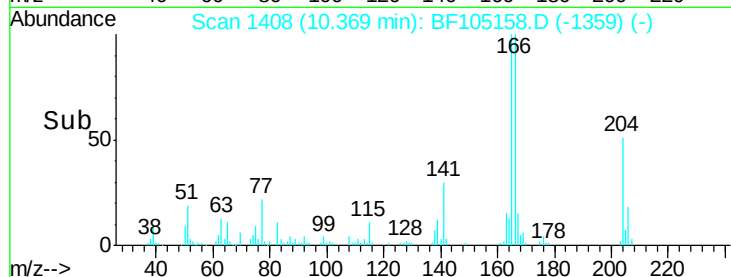
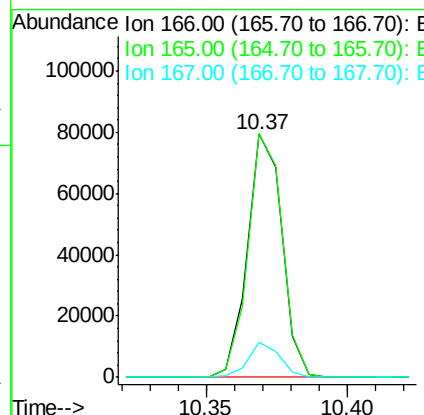
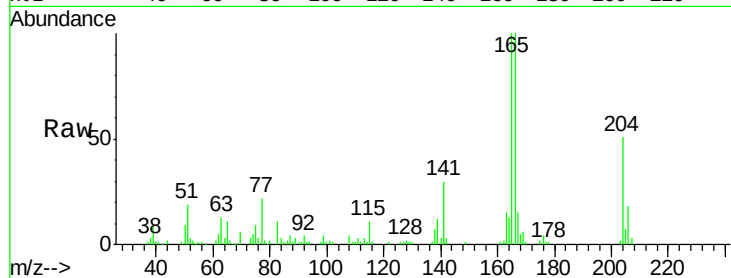
ClientSampleId :

MDL-SOIL-03-QT2-2018

Tot Ion:	166	Resp:	67335
Ion Ratio	Lower	Upper	
166	100		
165	99.9	79.8	119.8
167	14.6	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 1.846 ng

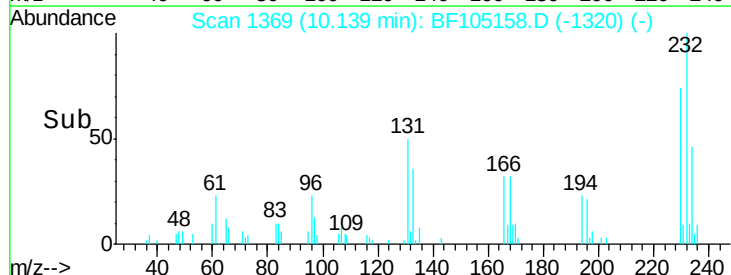
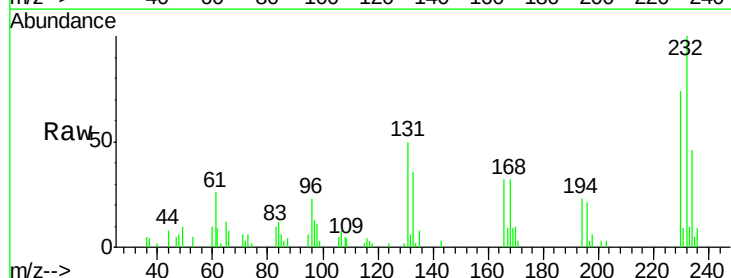
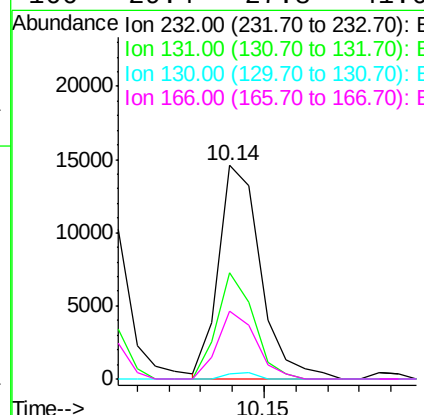
RT: 10.14 min Scan# 1369

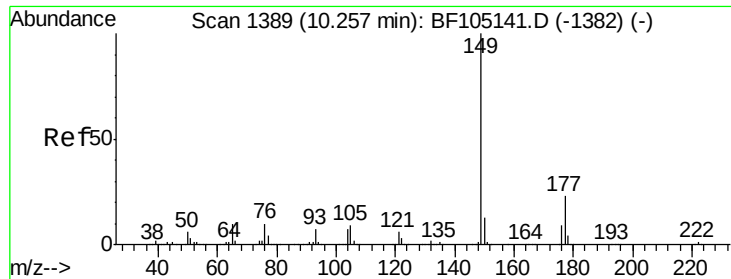
Delta R.T. -0.01 min

Lab File: BF105158.D

Acq: 8 May 2018 21:39

Tgt Ion:	232	Resp:	13436
Ion Ratio	Lower	Upper	
232	100		
131	43.4	43.8	65.8#
130	2.1	2.1	3.1
166	29.4	27.8	41.6





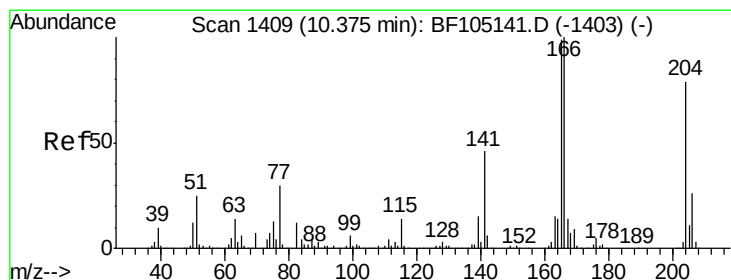
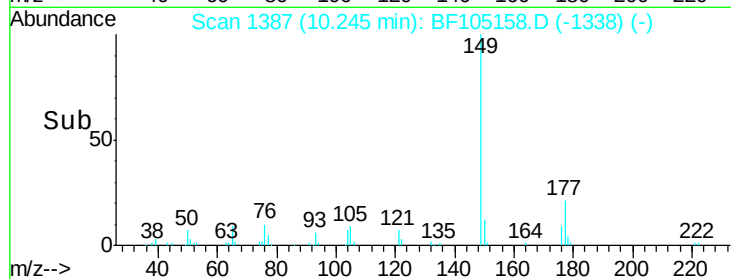
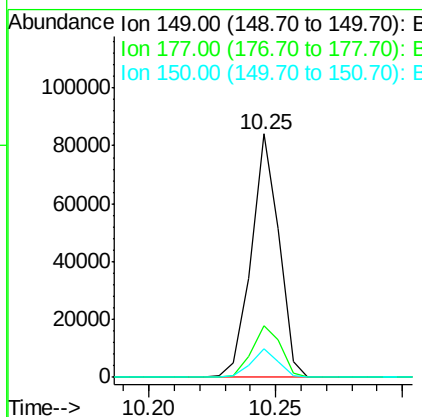
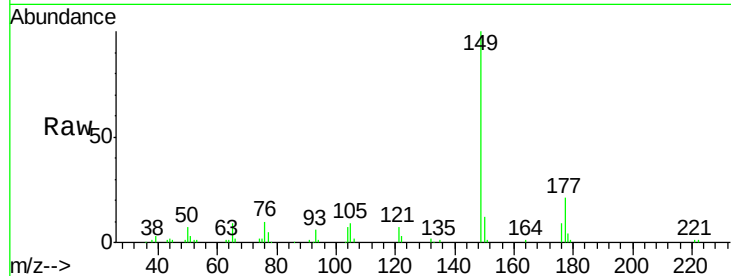
#59
Diethylphthalate
Concen: 2.389 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.1	24.1
150	11.7	10.1	15.1

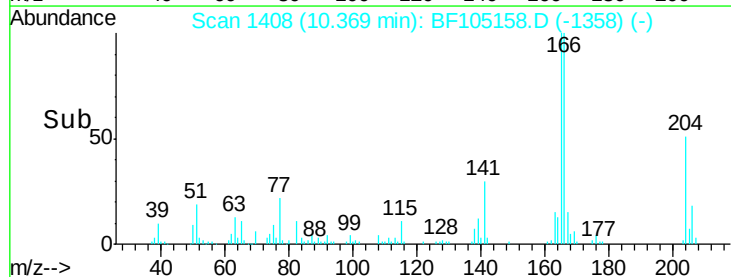
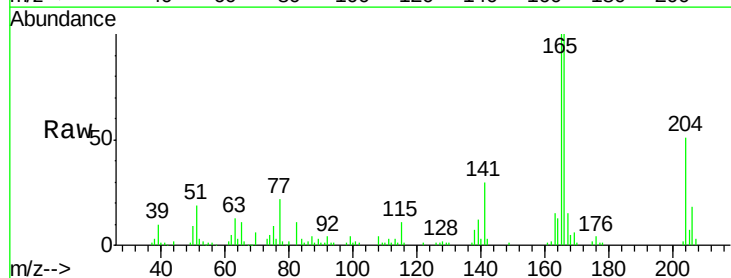
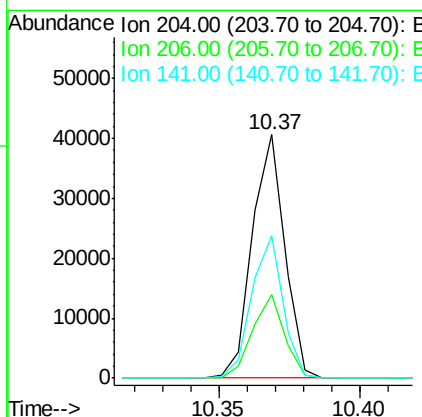
Manual Integrations
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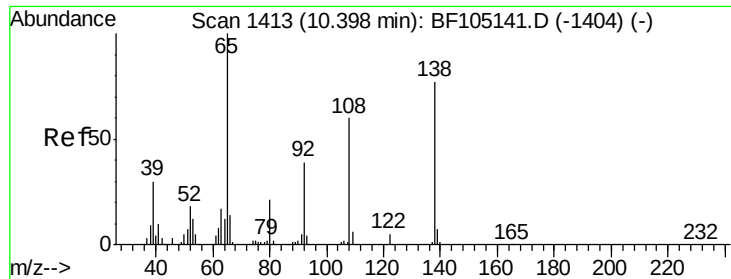
Sohil
5/9/2018 6:51:01 PM



#60
4-Chlorophenyl-phenylether
Concen: 2.665 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.3	26.5	39.7
141	58.8	54.6	81.8





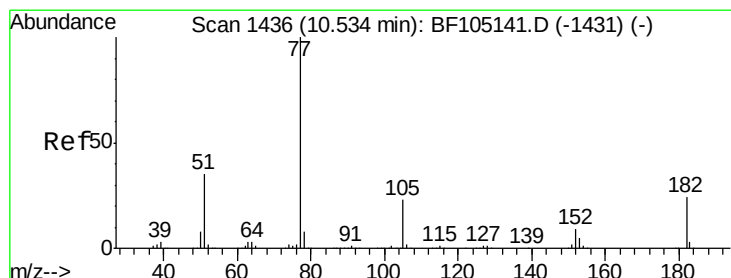
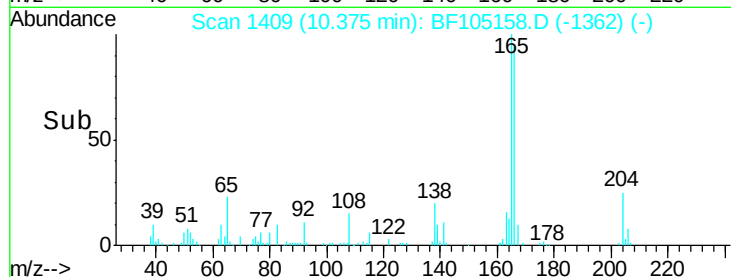
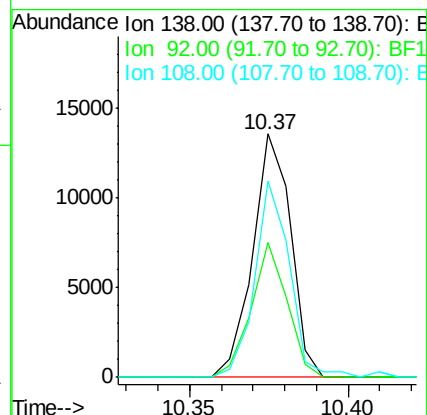
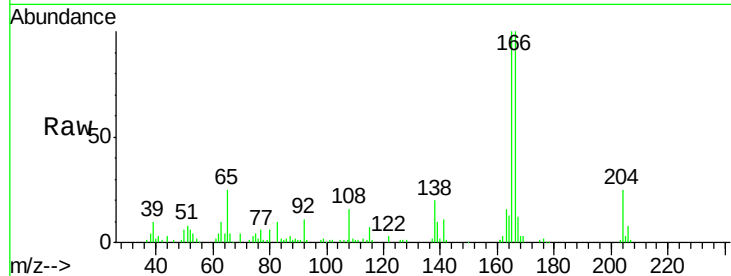
#61
4-Nitroaniline
Concen: 1.824 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.5	30.2	70.2
108	80.4	52.5	92.5

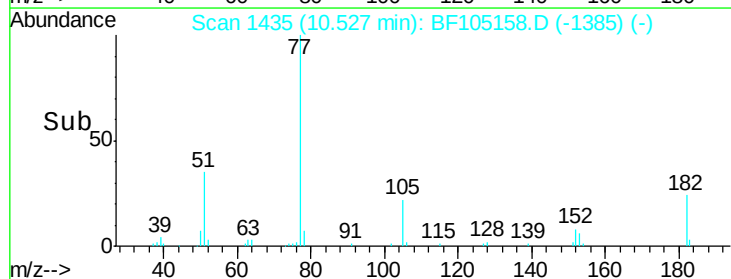
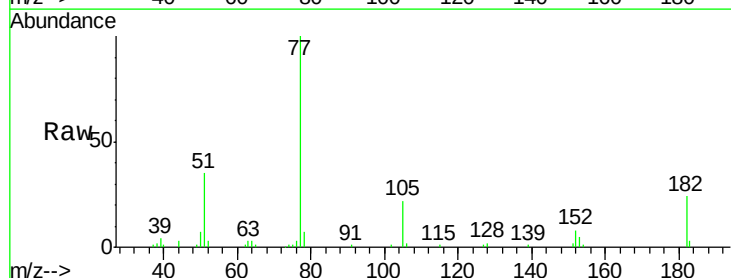
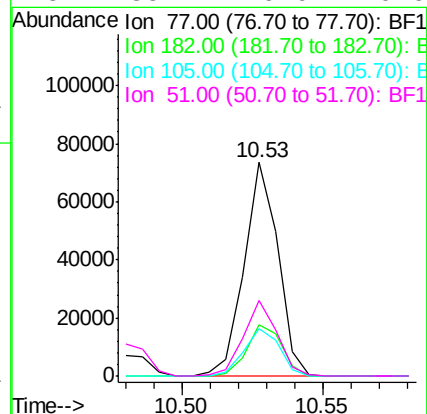
Manual Integrations
APPROVED

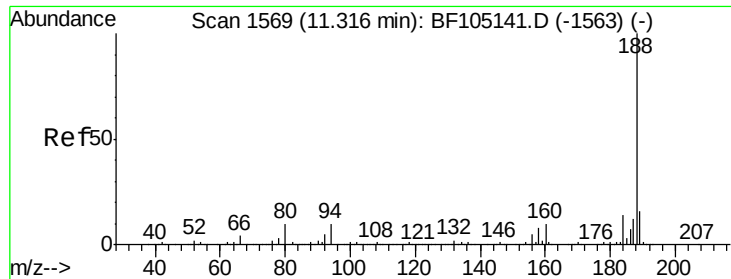
Sohil
5/9/2018 6:51:01 PM



#62
Azobenzene
Concen: 2.188 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.3	1.7	41.7
105	22.3	3.0	43.0
51	35.2	9.9	49.9





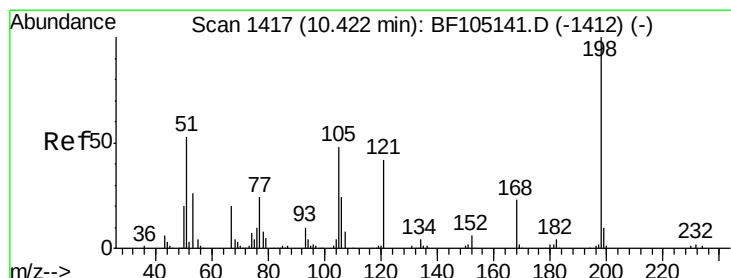
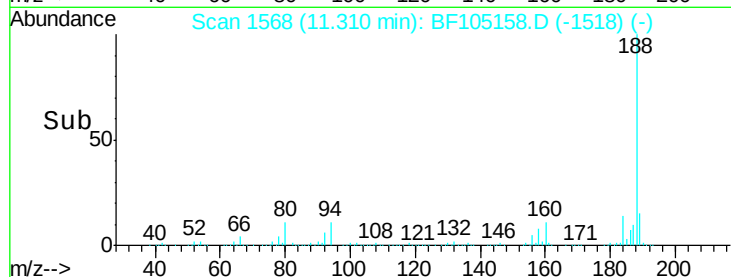
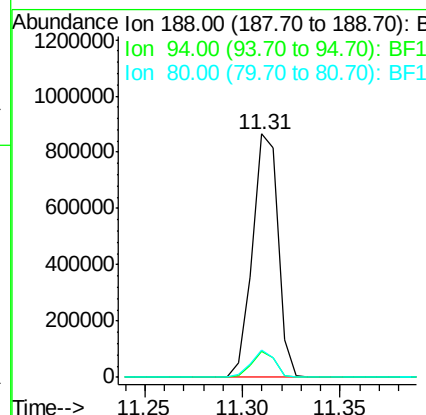
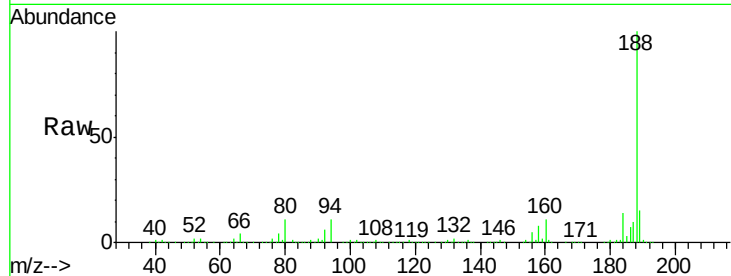
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
188	100	788441		
94	10.9		8.5	12.7
80	11.5		9.2	13.8

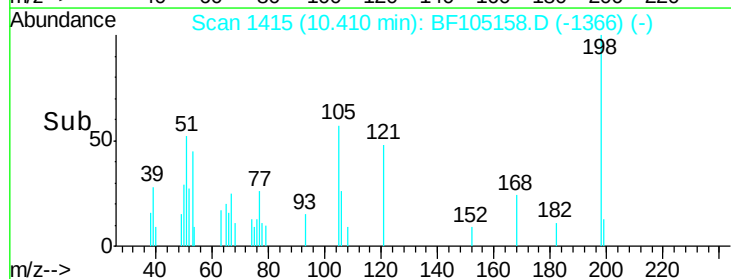
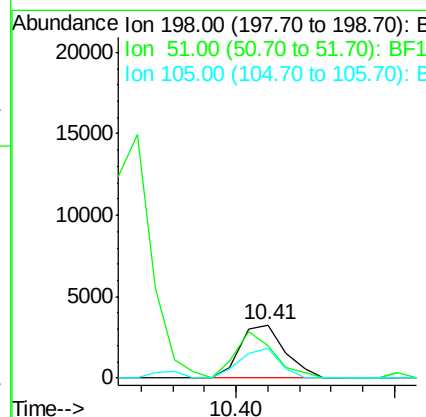
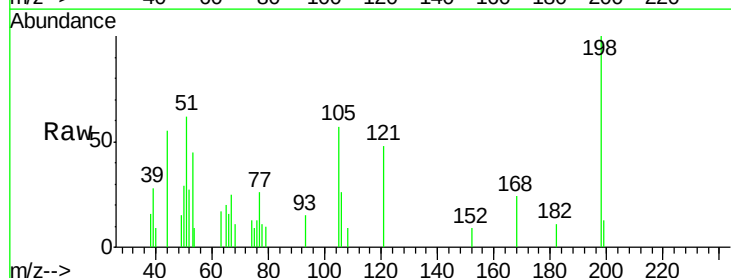
Manual Integrations
APPROVED

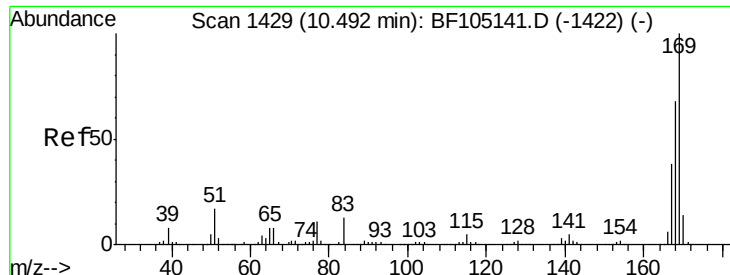
Sohil
5/9/2018 6:51:01 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 9.910 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	3235		
51	61.5		37.7	77.7
105	56.6		36.3	76.3





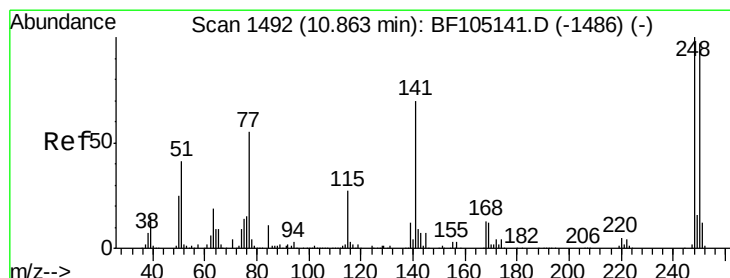
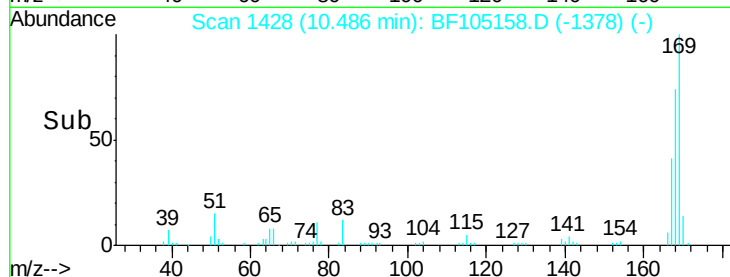
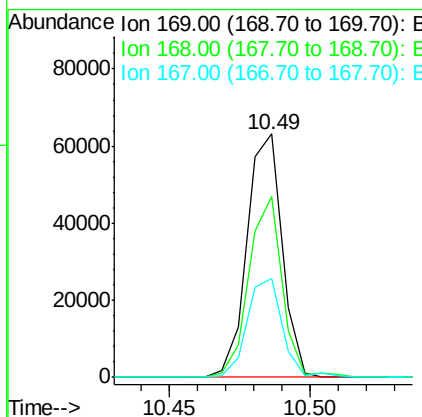
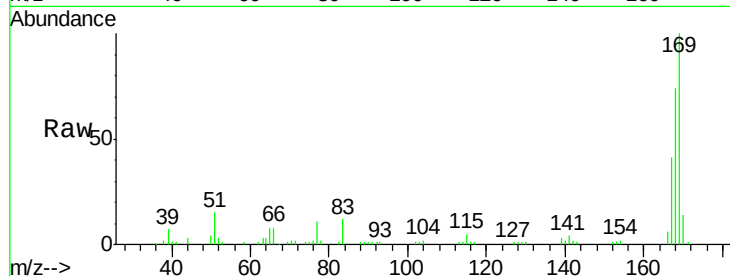
#65
n-Nitrosodiphenylamine
Concen: 2.214 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
169	100		
168	74.2	54.4	81.6
167	40.7	29.8	44.6

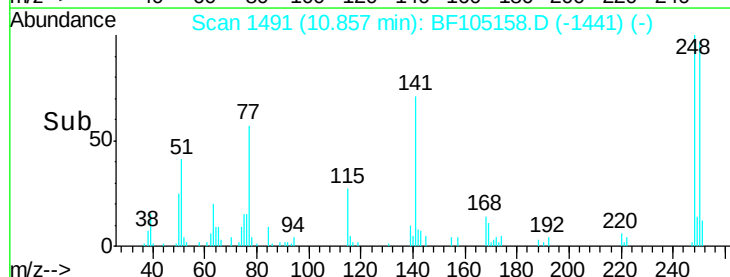
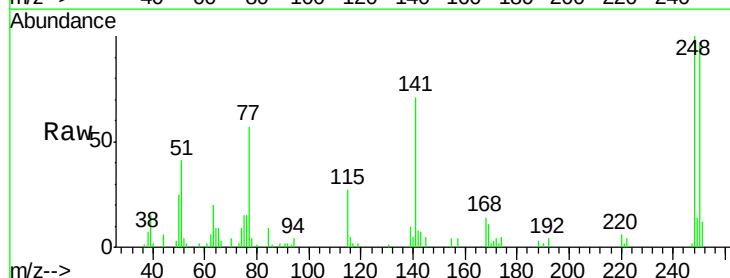
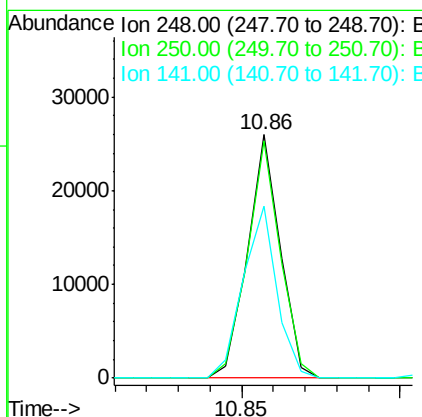
Manual Integrations
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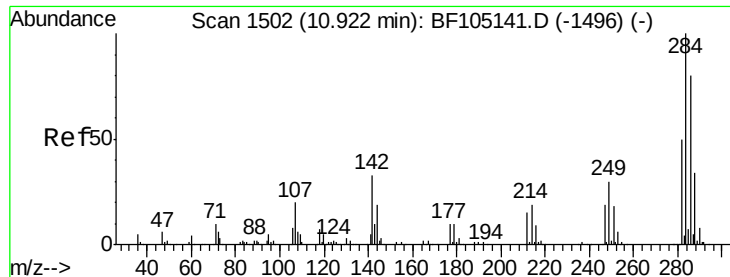
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 2.211 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.4	76.9	115.3
141	70.6	74.4	111.6#





#67

Hexachlorobenzene

Concen: 2.323 ng

RT: 10.92 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BF105158.D

Acq: 8 May 2018 21:39

Instrument :

BNA_F

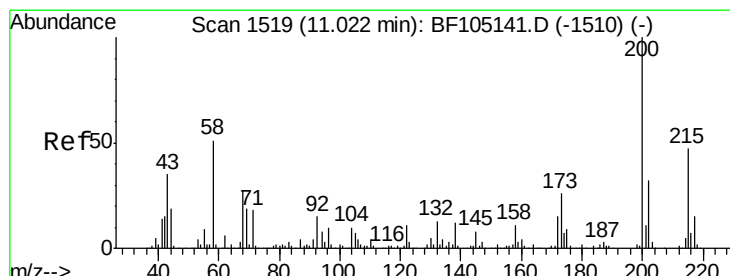
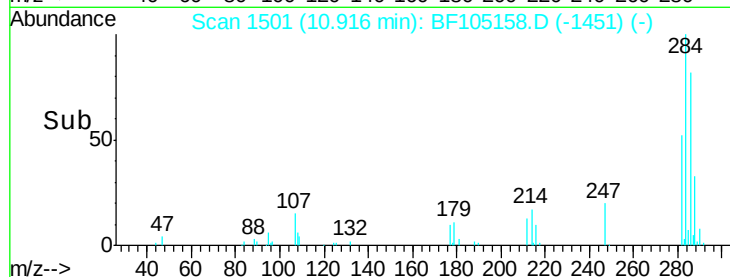
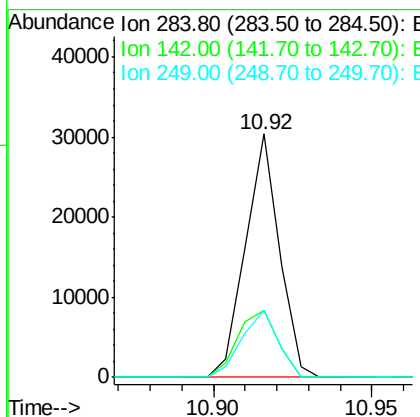
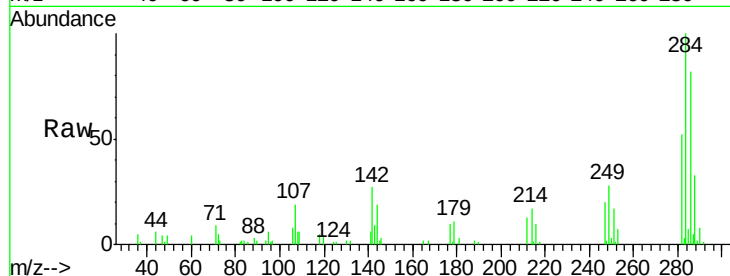
ClientSampleId :

MDL-SOIL-03-QT2-2018

Tot Ion:	284	Resp:	22506
Ion Ratio	Lower	Upper	
284	100		
142	27.4	34.6	52.0#
249	27.7	24.8	37.2

Manual Integrations
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5/9/2018 6:51:01 PM



#68

Atrazine

Concen: 1.350 ng

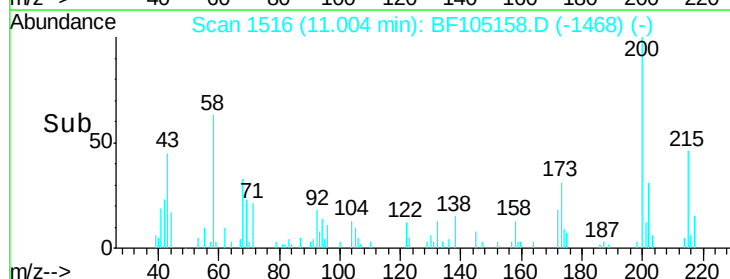
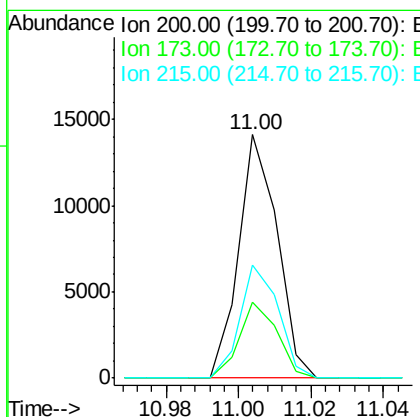
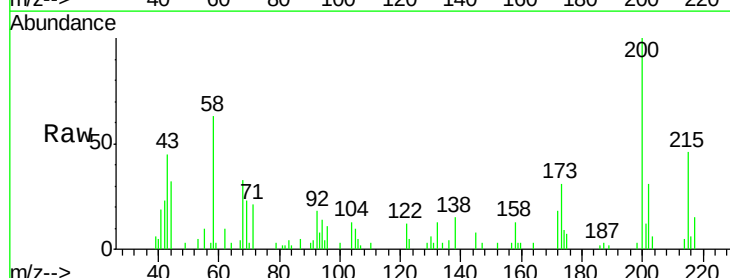
RT: 11.00 min Scan# 1516

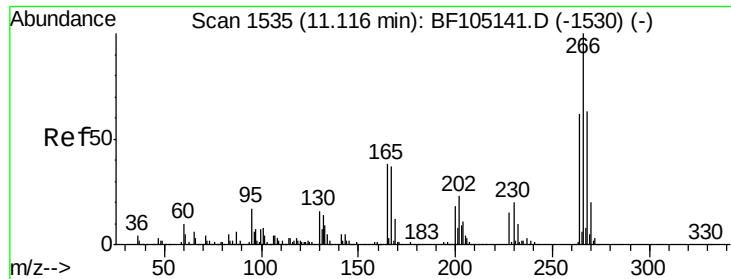
Delta R.T. -0.02 min

Lab File: BF105158.D

Acq: 8 May 2018 21:39

Tgt Ion:	200	Resp:	10396
Ion Ratio	Lower	Upper	
200	100		
173	31.4	8.6	48.6
215	46.3	25.1	65.1





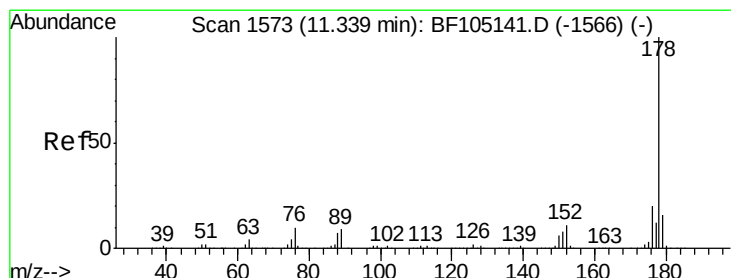
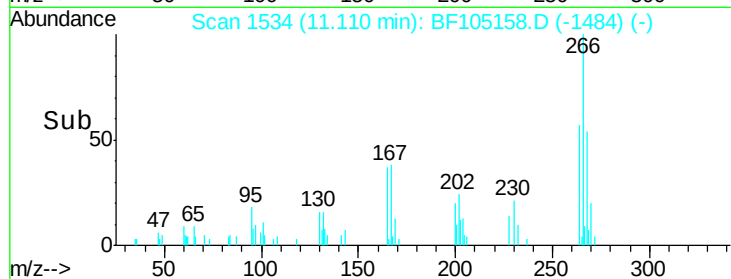
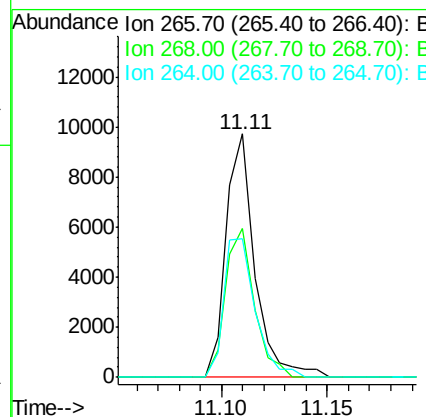
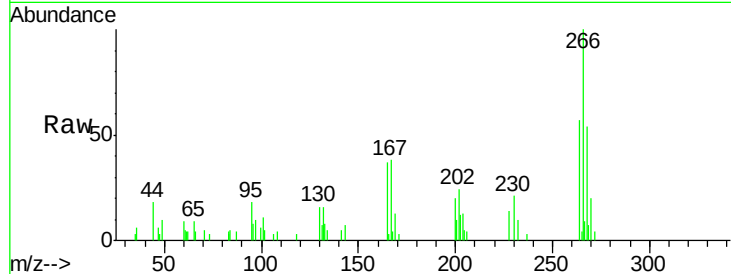
#69
 Pentachlorophenol
 Concen: 4.765 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BF105158.D
 Acq: 8 May 2018 21:39

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.2	51.1	76.7
264	57.1	49.5	74.3

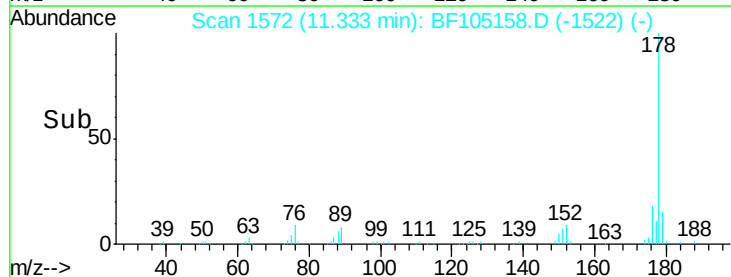
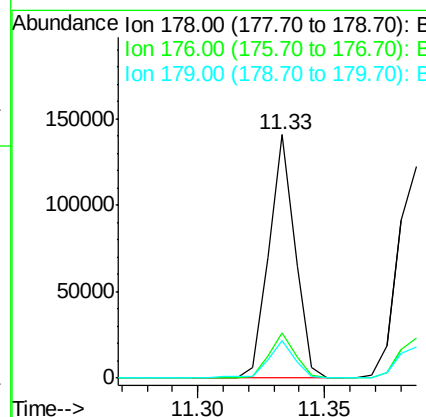
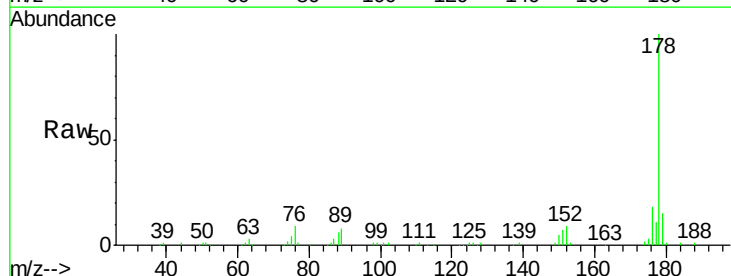
Manual Integrations
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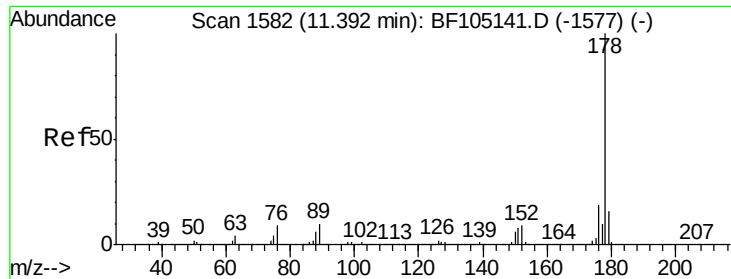
Sohil
 5/9/2018 6:51:01 PM



#70
 Phenanthrene
 Concen: 2.450 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF105158.D
 Acq: 8 May 2018 21:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.3	13.0	19.6





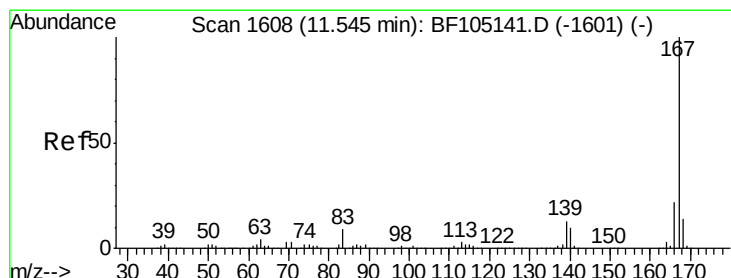
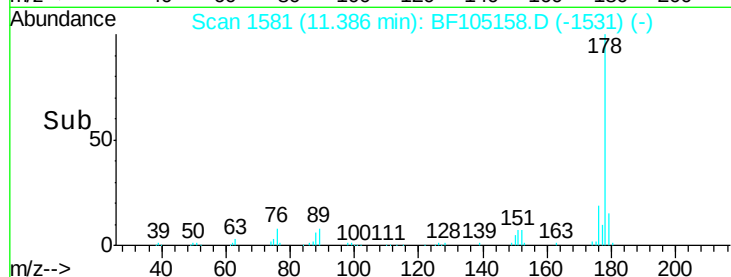
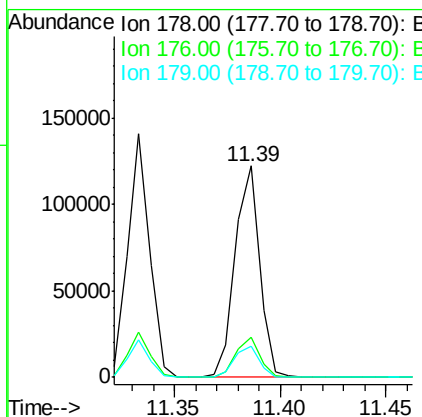
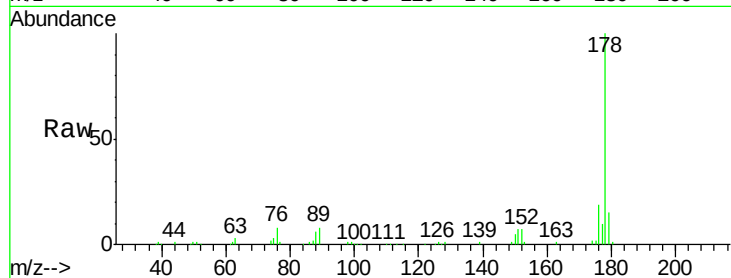
#71
 Anthracene
 Concen: 2.324 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF105158.D
 Acq: 8 May 2018 21:39

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	14.7	12.6	19.0

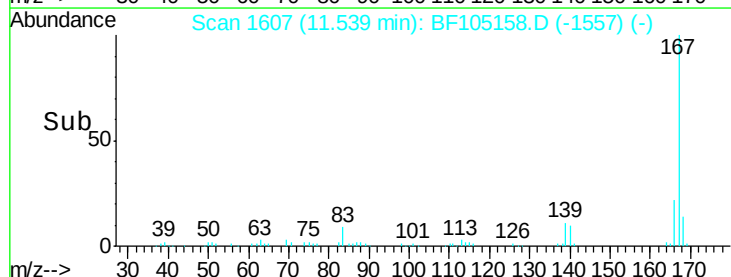
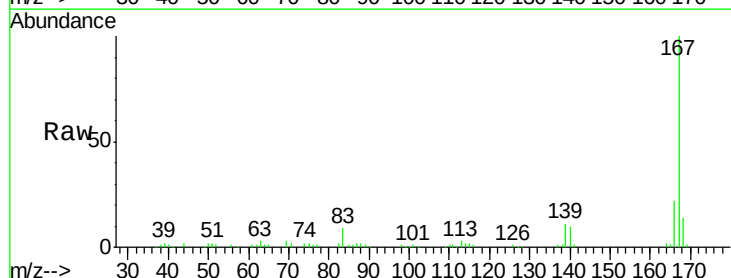
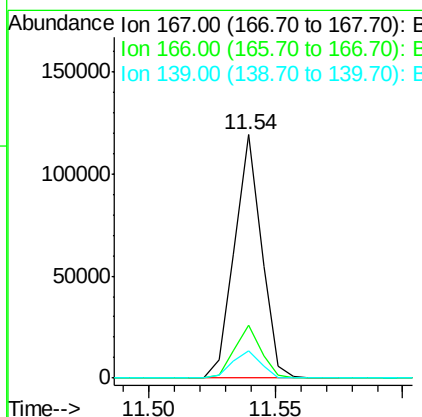
Manual Integrations
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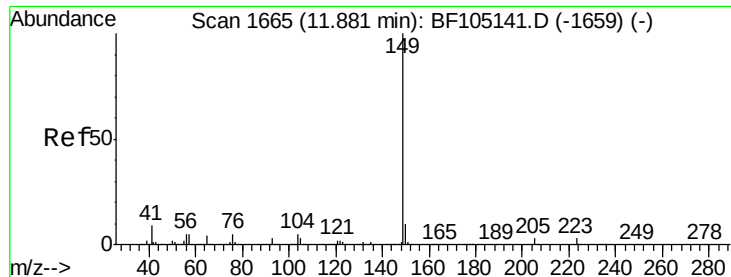
Sohil
 5/9/2018 6:51:01 PM



#72
 Carbazole
 Concen: 2.317 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF105158.D
 Acq: 8 May 2018 21:39

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	11.2	10.9	16.3





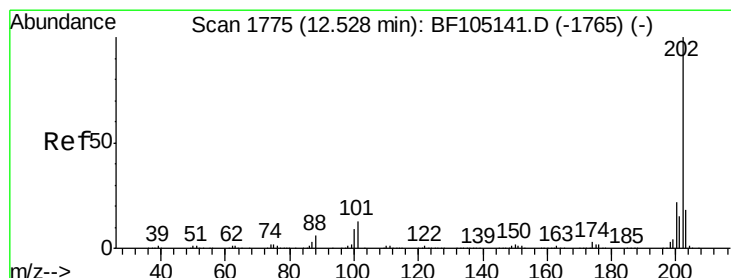
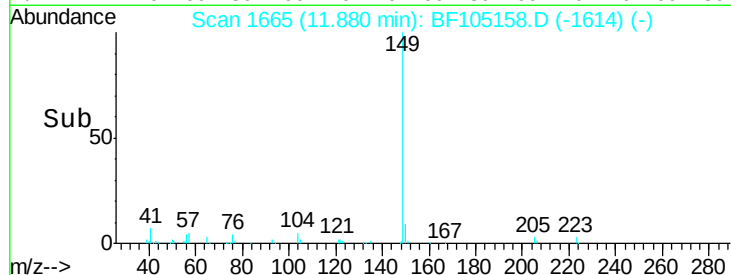
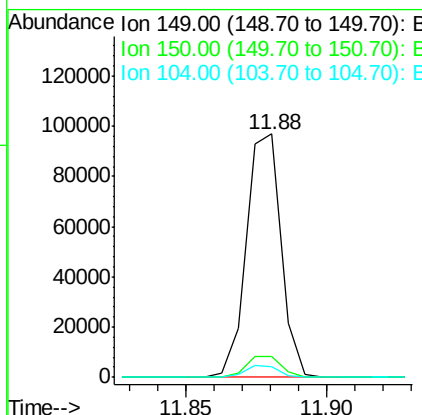
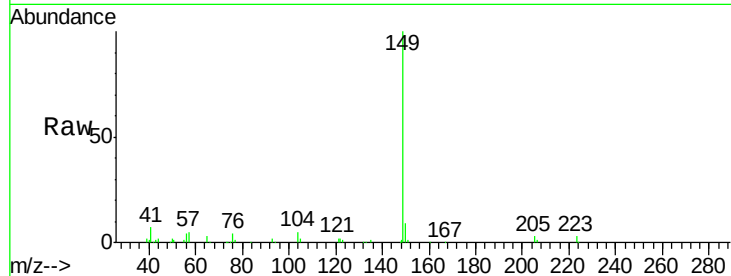
#73
Di-n-butylphthalate
Concen: 2.030 ng
RT: 11.88 min Scan# 1665
Delta R.T. -0.00 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.8	11.6
104	4.5	3.8	5.8

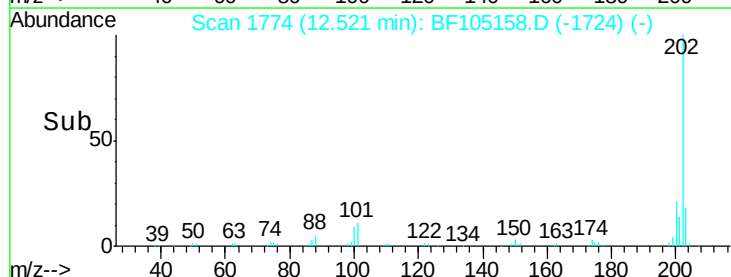
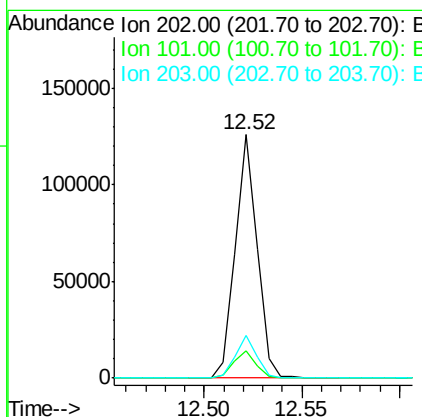
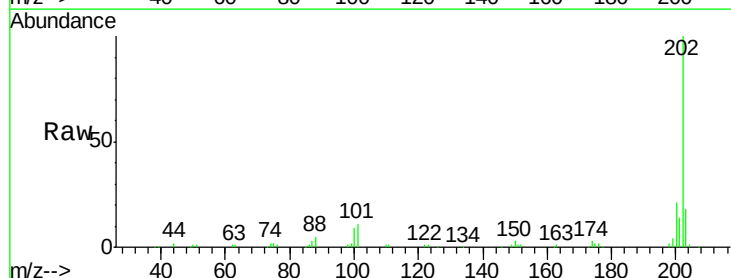
Manual Integrations
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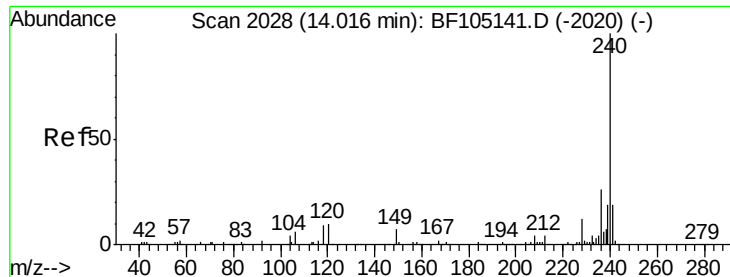
Sohil
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#74
Fluoranthene
Concen: 2.262 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF105158.D

Acq: 8 May 2018 21:39

Instrument :

BNA_F

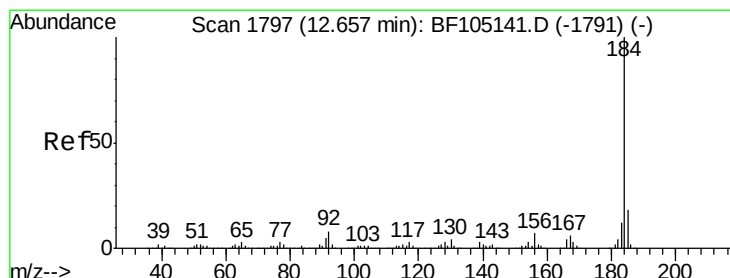
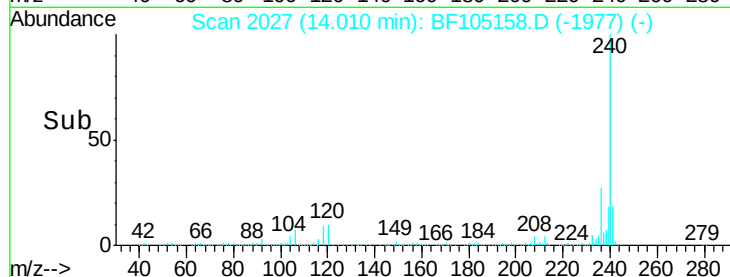
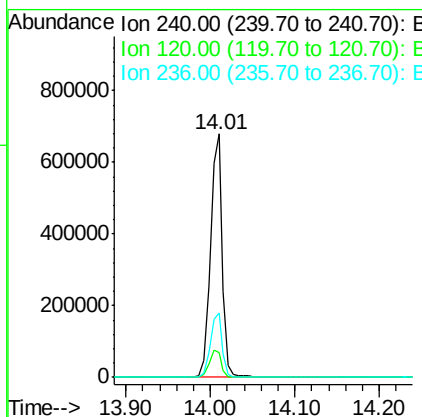
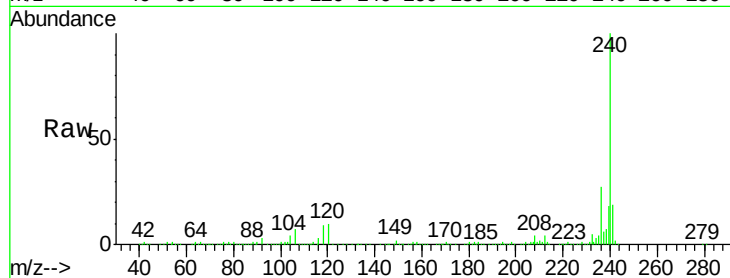
ClientSampleId :

MDL-SOIL-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	26.6	20.7	31.1

Manual Integrations
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5/9/2018 6:51:01 PM



#76

Benzidine

Concen: 0.435 ng m

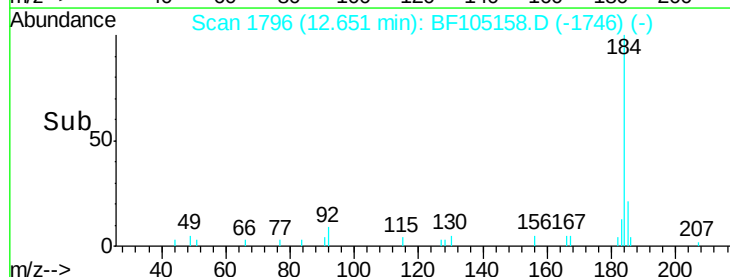
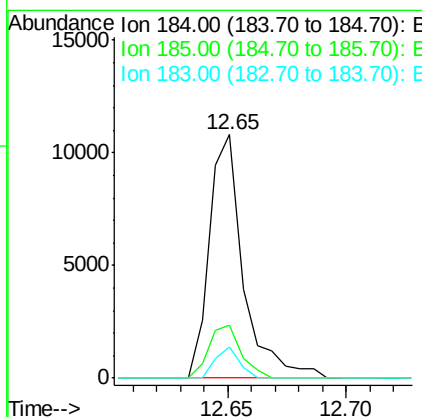
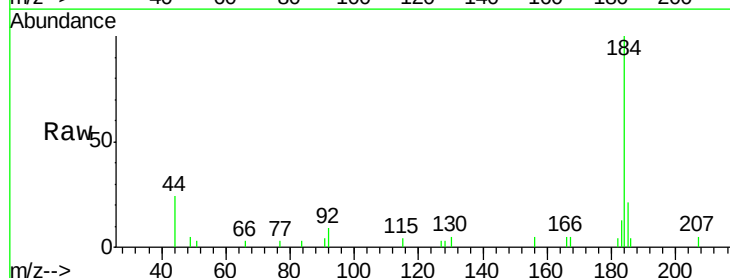
RT: 12.65 min Scan# 1796

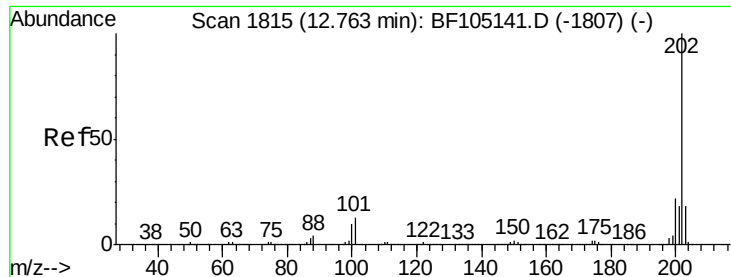
Delta R.T. -0.01 min

Lab File: BF105158.D

Acq: 8 May 2018 21:39

Tgt Ion	Ratio	Lower	Upper
184	100		
185	21.5	12.6	18.8#
183	12.6	9.3	13.9





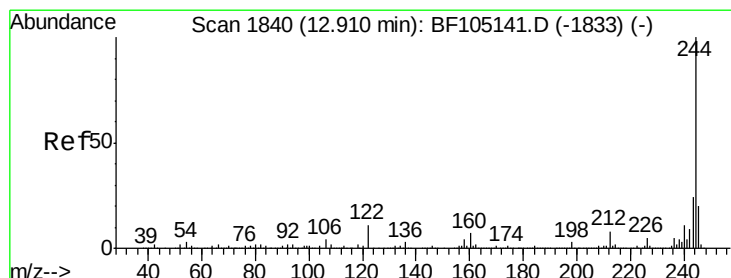
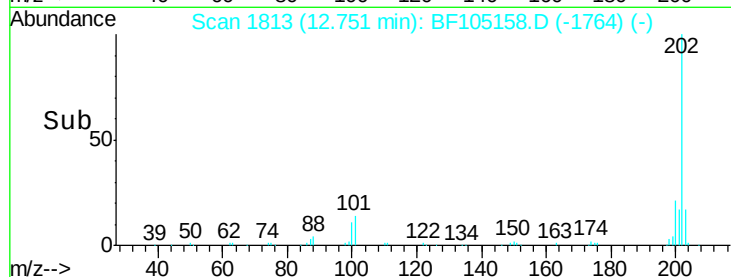
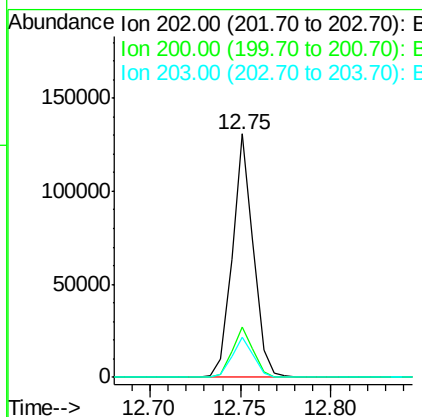
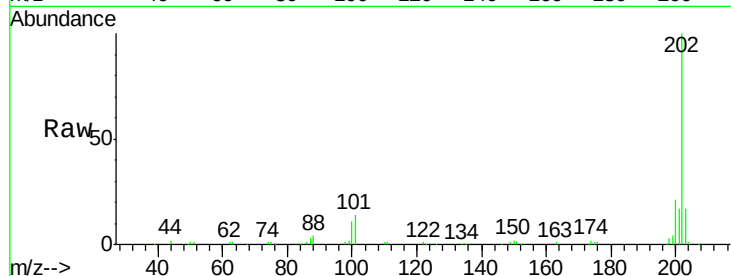
#77
Pvrene
Concen: 2.155 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	16.5	14.3	21.5

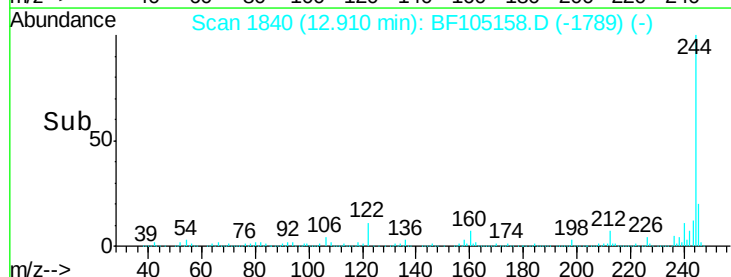
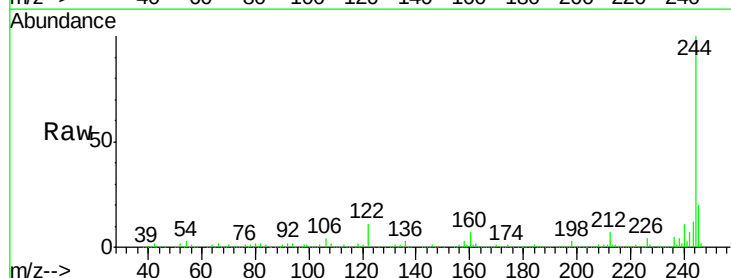
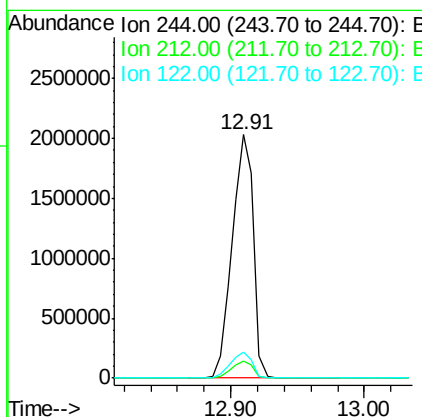
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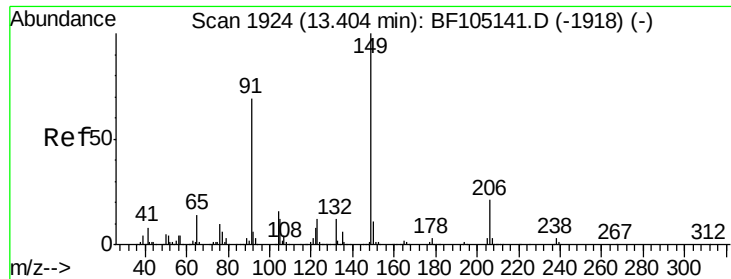
Sohil
5/9/2018 6:51:01 PM



#78
Terphenyl-d14
Concen: 78.927 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	10.7	11.0	16.4#





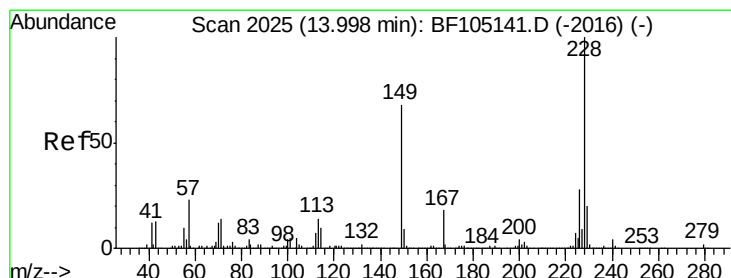
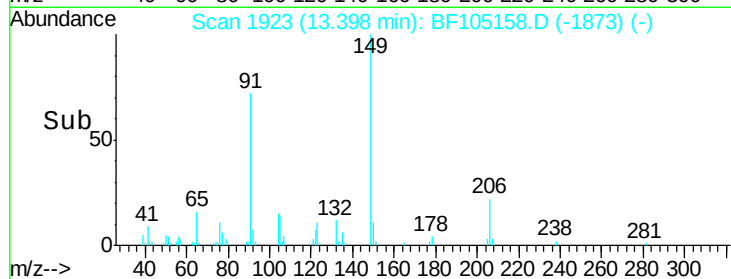
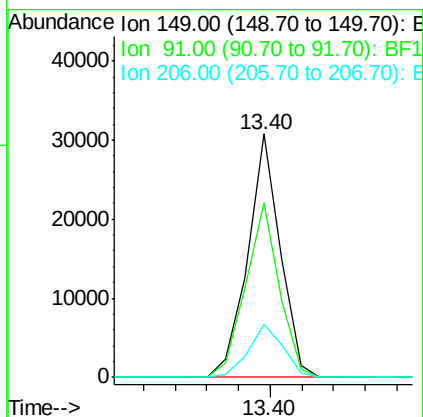
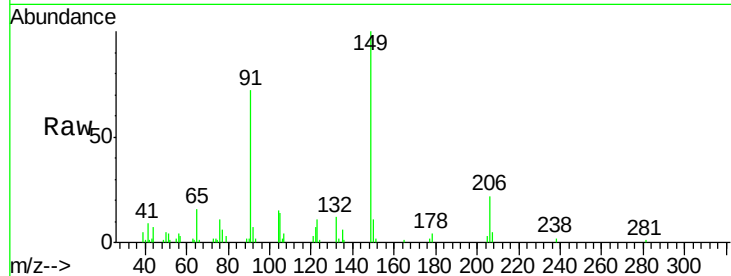
#79
Butylbenzylphthalate
Concen: 7.965 ng
RT: 13.40 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.9	56.8	85.2
206	21.9	14.1	21.1

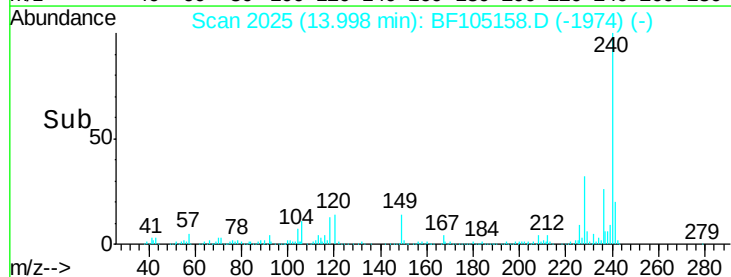
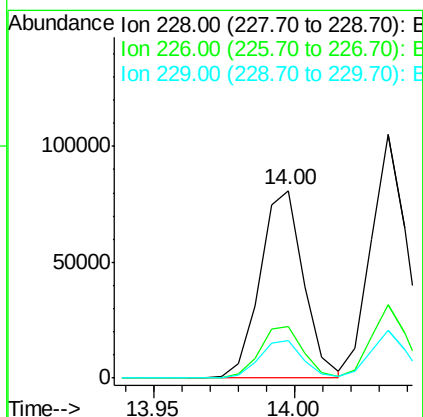
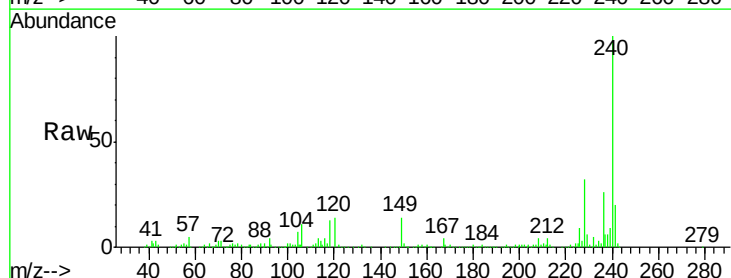
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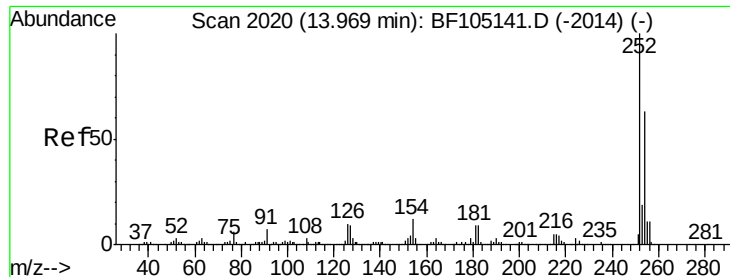
Sohil
5/9/2018 6:51:01 PM



#80
Benzo(a)anthracene
Concen: 2.131 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.2	15.8	23.6





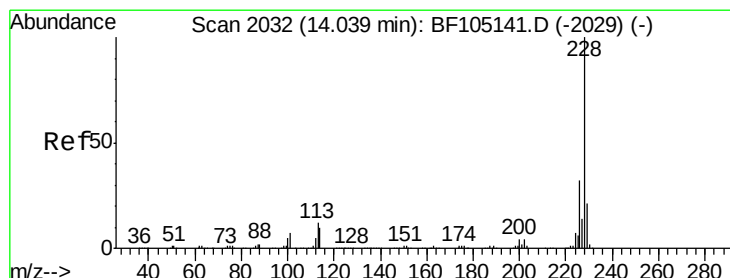
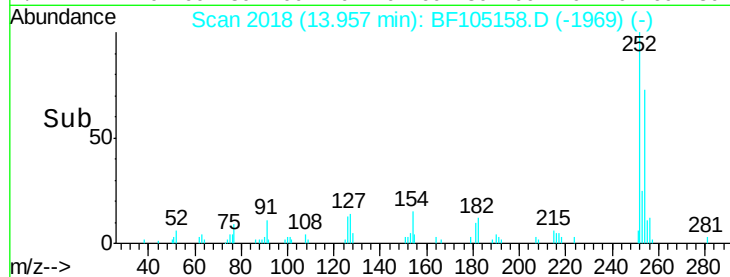
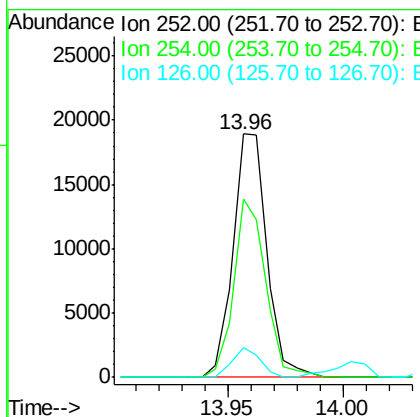
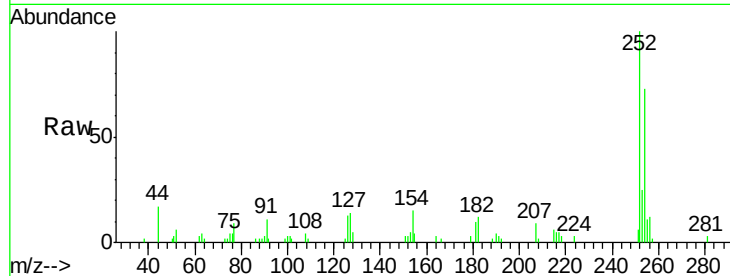
#81
 3,3'-Dichlorobenzidine
 Concen: 1.267 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF105158.D
 Acq: 8 May 2018 21:39

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
252	100		
254	73.3	50.4	75.6
126	12.5	11.3	16.9

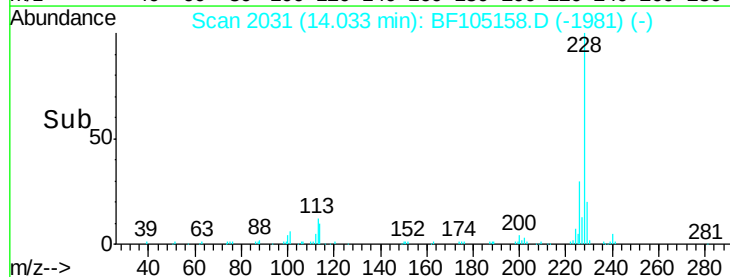
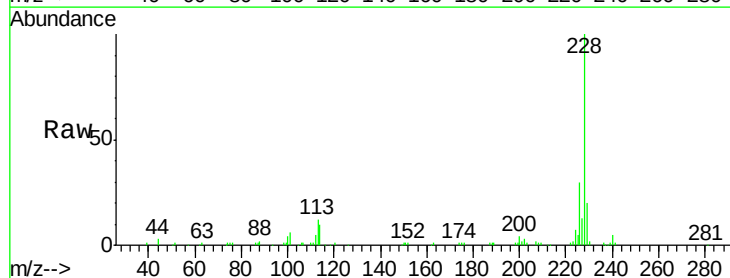
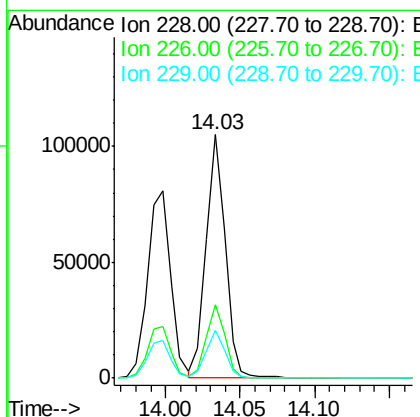
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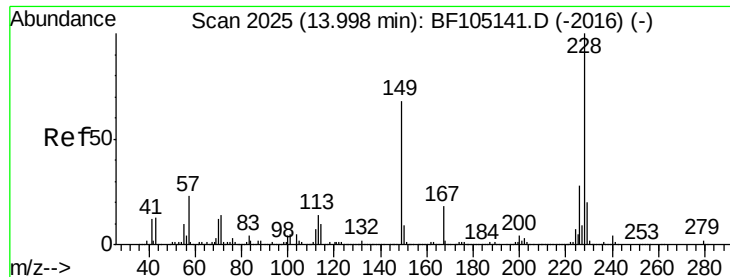
Sohil
 5/9/2018 6:51:01 PM



#82
 Chrysene
 Concen: 2.250 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF105158.D
 Acq: 8 May 2018 21:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	19.7	16.2	24.4





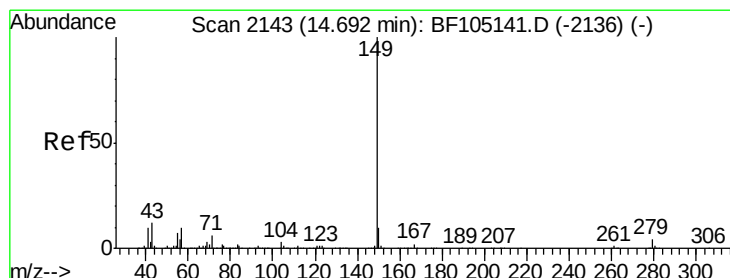
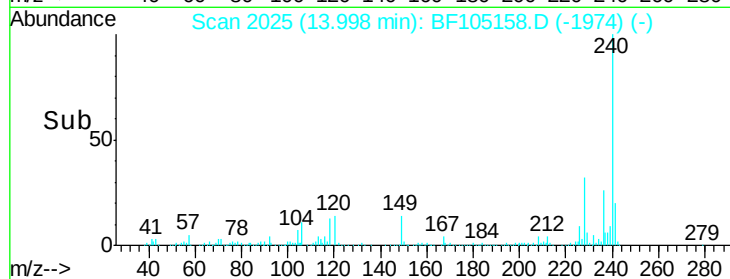
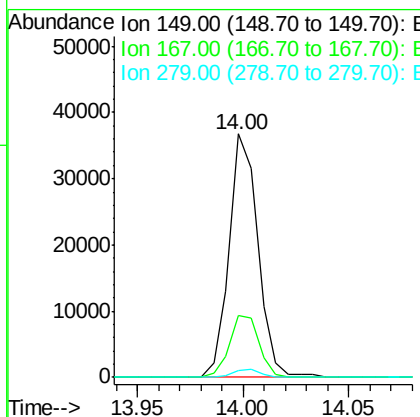
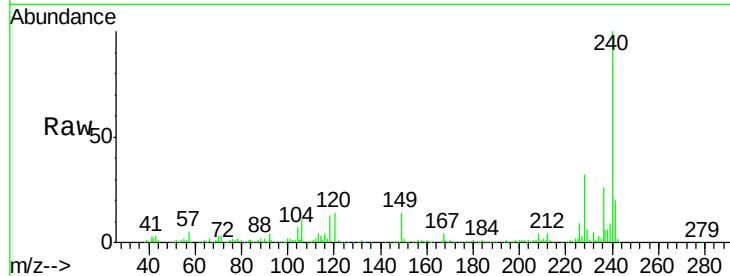
#83
Bis(2-ethylhexyl)phthalate
Concen: 1.718 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.3	31.9
279	3.0	3.0	4.4

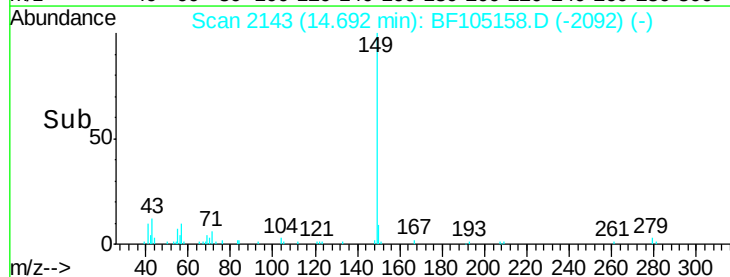
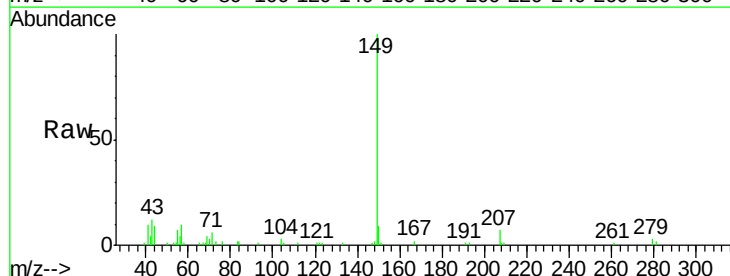
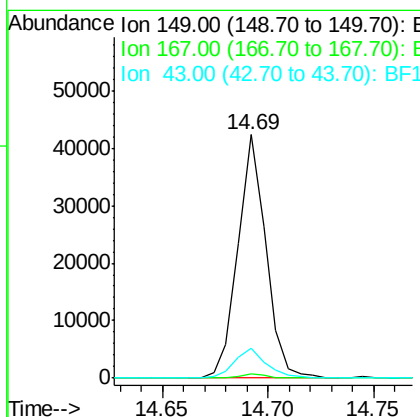
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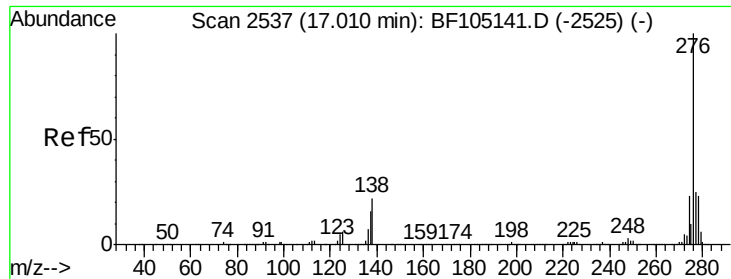
Sohil
5/9/2018 6:51:01 PM



#84
Di-n-octyl phthalate
Concen: 7.787 ng
RT: 14.69 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	14.1	8.4	12.6





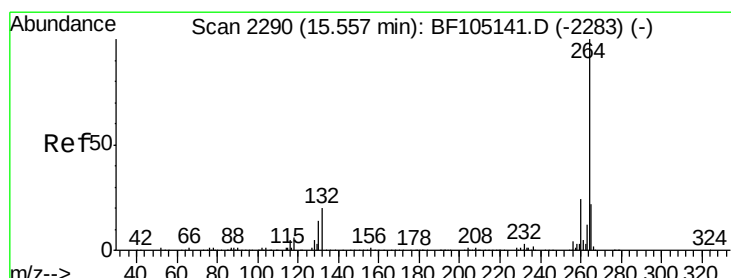
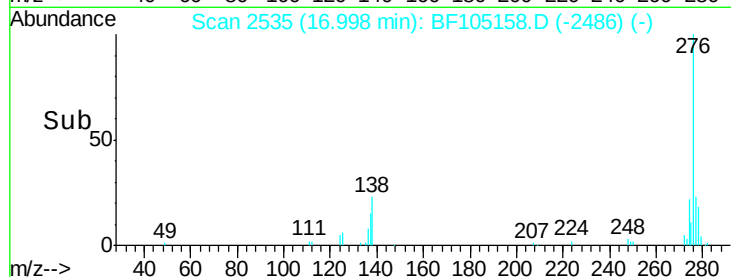
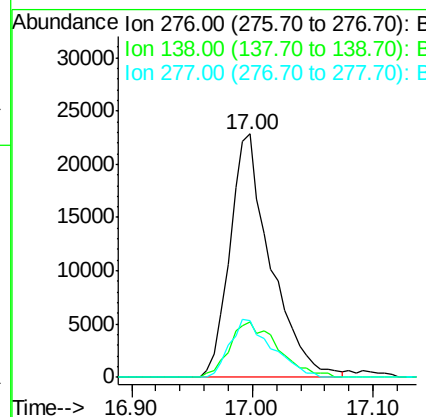
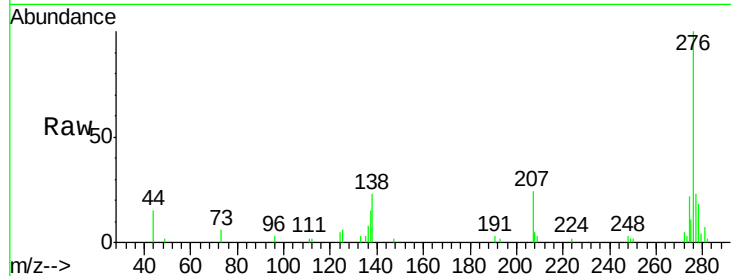
#85
Indeno(1,2,3-cd)pyrene
Concen: 1.618 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.0	25.0	37.6
277	24.7	20.1	30.1

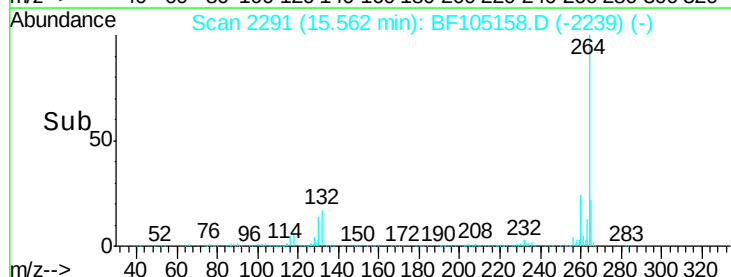
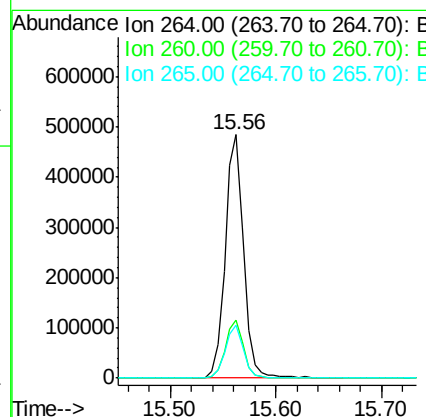
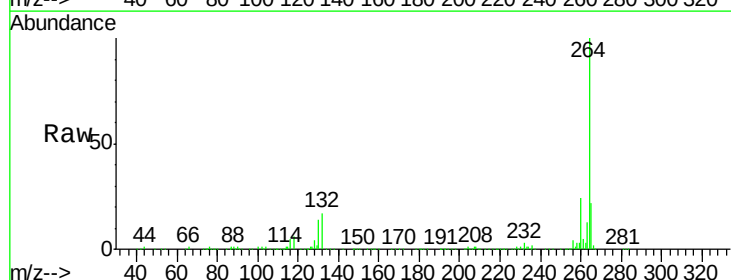
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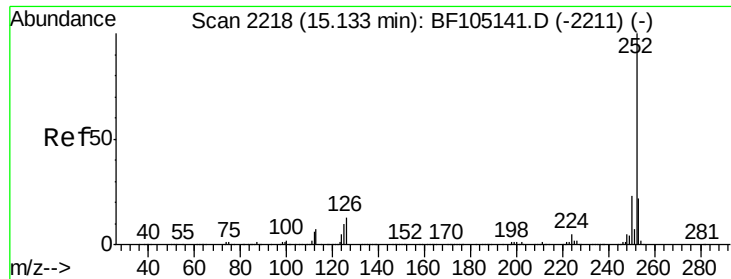
Sohil
5/9/2018 6:51:01 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.01 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.6	17.5	26.3





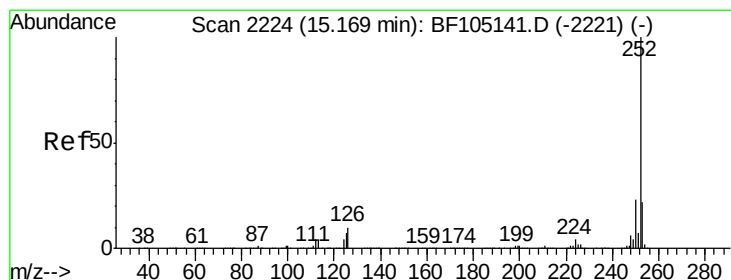
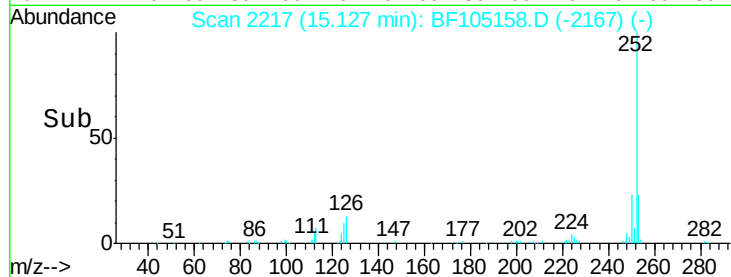
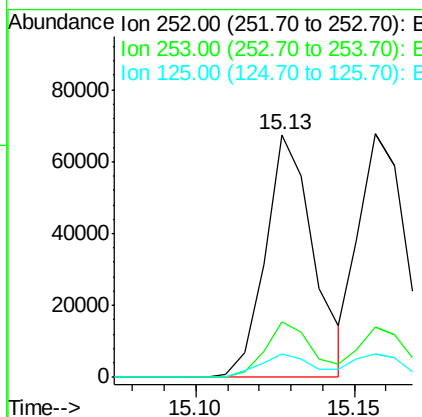
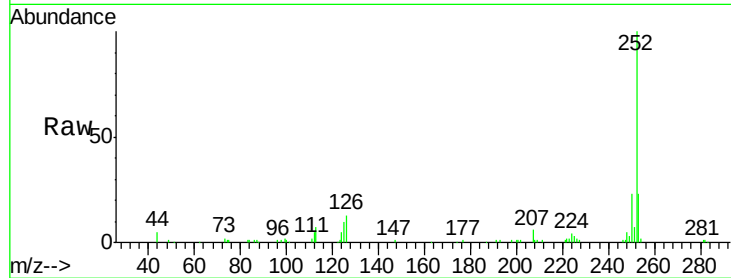
#87
Benzo(b)fluoranthene
Concen: 1.987 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	9.6	9.0	13.6

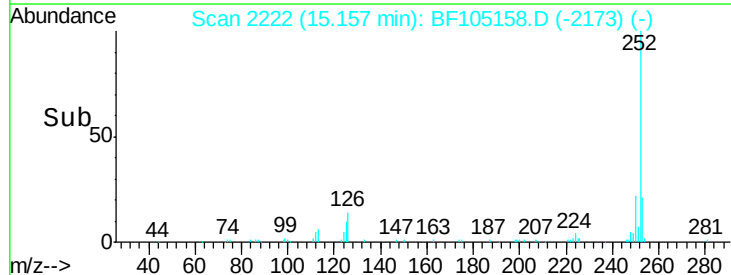
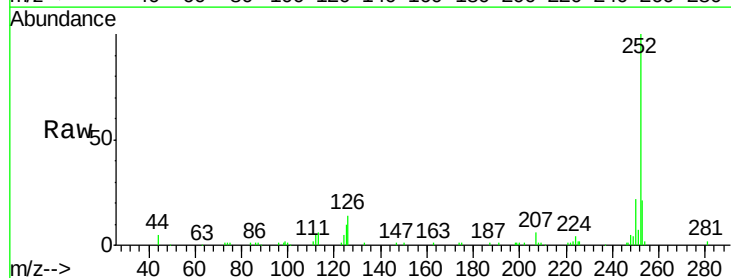
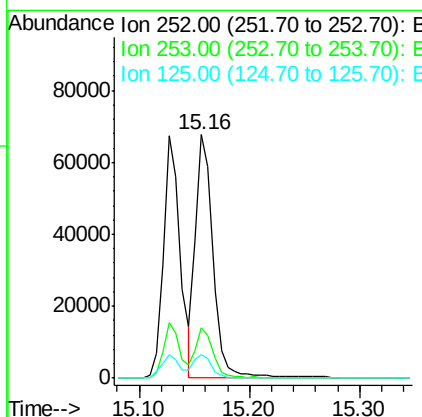
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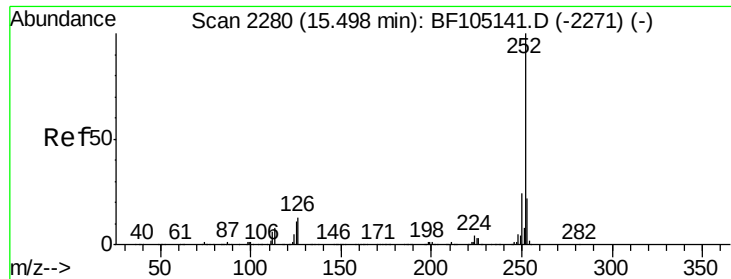
Sohil
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#88
Benzo(k)fluoranthene
Concen: 2.128 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.9	26.9
125	9.8	10.2	15.2#





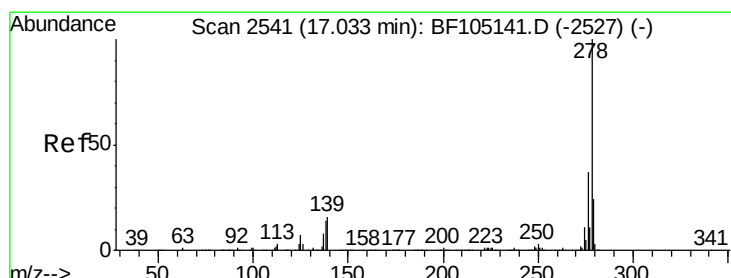
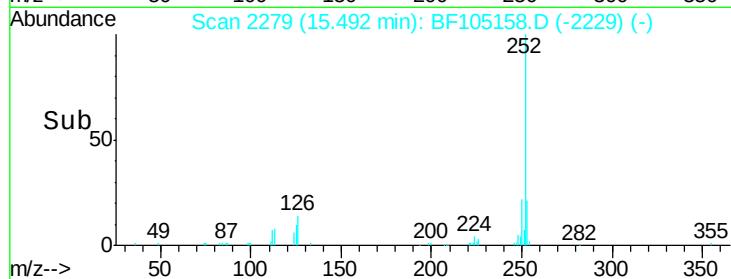
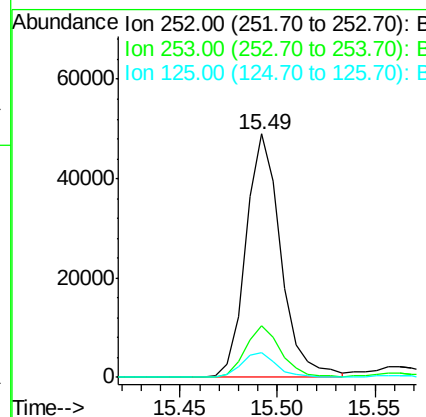
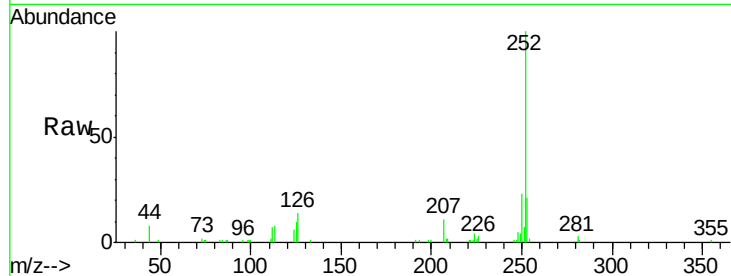
#89
Benzo(a)pyrene
Concen: 1.856 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.1	25.7
125	9.9	9.8	14.6

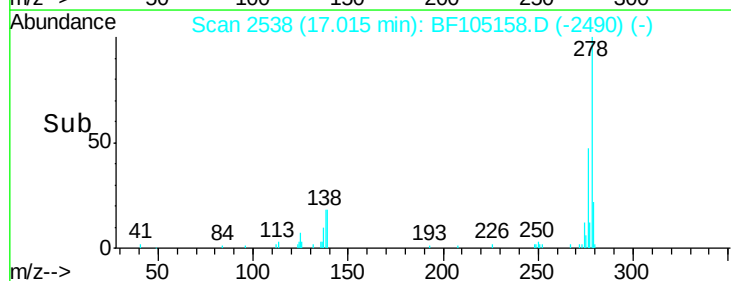
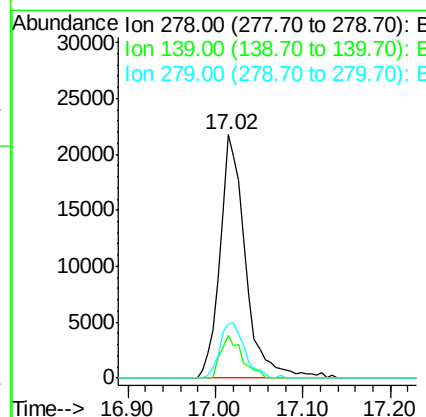
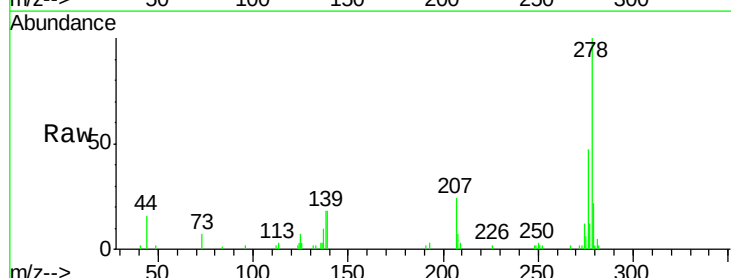
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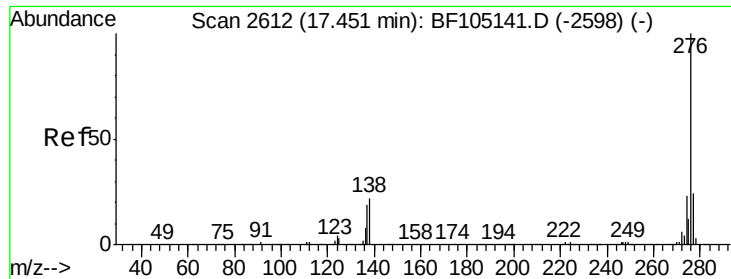
Sohil
5/9/2018 6:51:01 PM



#90
Dibenzo(a,h)anthracene
Concen: 1.739 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.02 min
Lab File: BF105158.D
Acq: 8 May 2018 21:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	15.9	23.9
279	22.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 1.762 ng
 RT: 17.43 min Scan# 2608
 Delta R.T. -0.02 min
 Lab File: BF105158.D
 Acq: 8 May 2018 21:39

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	24.3	21.8	32.8

Manual Integrations
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 5/9/2018 6:51:01 PM

