

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022318\
 Data File : BF103191.D
 Acq On : 23 Feb 2018 11:32
 Operator : SJ/JU
 Sample : J1161-03
 Misc : MDL-S-2ppm
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2018

Manual Integrations
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Sohil
 2/26/2018 9:54:31 AM

Quant Time: Feb 23 12:48:04 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	181542	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	796780	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	375620	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	660654	20.00	ng	0.00
75) Chrysene-d12	14.04	240	485704	20.00	ng	0.00
86) Perylene-d12	15.54	264	469827	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1326082	110.48	ng	0.00
7) Phenol-d6	6.50	99	1623111	110.51	ng	0.00
23) Nitrobenzene-d5	7.44	82	1225935	87.87	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	367056	115.45	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1815005	82.69	ng	0.00
78) Terphenyl-d14	12.99	244	1494371	73.96	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.66	88	11511	1.816	ng	Qvalue # 85
3) Pyridine	3.64	79	31864m	1.883	ng	
4) n-Nitrosodimethylamine	3.45	42	12440m	1.822	ng	
6) Aniline	6.54	93	44939	2.120	ng	96
8) 2-Chlorophenol	6.66	128	27210	2.182	ng	93
9) Benzaldehyde	6.43	77	15470	0.854	ng	95
10) Phenol	6.52	94	37606	2.205	ng	90
11) bis(2-Chloroethyl)ether	6.60	93	29409	2.272	ng	93
12) 1,3-Dichlorobenzene	6.81	146	31721	2.226	ng	98
13) 1,4-Dichlorobenzene	6.89	146	32465	2.272	ng	96
14) 1,2-Dichlorobenzene	7.04	146	29634	2.250	ng	96
15) Benzyl Alcohol	7.01	79	41248	3.727	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	49144	2.211	ng	96
17) 2-Methylphenol	7.12	107	24961	2.203	ng	96
18) Hexachloroethane	7.38	117	11648	2.240	ng	92
19) n-Nitroso-di-n-propylamine	7.27	70	23898	2.614	ng	# 95
20) 3+4-Methylphenols	7.28	107	32792	2.374	ng	# 53
22) Acetophenone	7.27	105	45574	2.450	ng	# 91
24) Nitrobenzene	7.45	77	36406	2.370	ng	97
25) Isophorone	7.69	82	58162	2.117	ng	98
26) 2-Nitrophenol	7.77	139	13245	1.832	ng	# 86
27) 2,4-Dimethylphenol	7.80	122	21577	1.952	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	35953	2.225	ng	99
29) 2,4-Dichlorophenol	8.02	162	20835	1.969	ng	94
30) 1,2,4-Trichlorobenzene	8.09	180	24403	2.165	ng	98
31) Naphthalene	8.17	128	90285	2.314	ng	98
32) Benzoic acid	7.89	122	8130m	7.762	ng	
33) 4-Chloroaniline	8.23	127	33406	1.985	ng	95
34) Hexachlorobutadiene	8.29	225	12926	2.203	ng	96
35) Caprolactam	8.56	113	7311m	1.966	ng	
36) 4-Chloro-3-methylphenol	8.70	107	25040	2.098	ng	94
37) 2-Methylnaphthalene	8.86	142	60092	2.384	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	22431	2.184	ng	99
40) Hexachlorocyclopentadiene	9.02	237	459	8.994	ng	88

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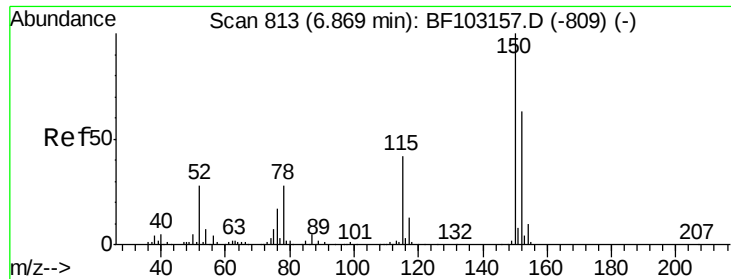
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	13555	1.962	ng	97
43) 2,4,5-Trichlorophenol	9.20	196	13348	1.680	ng	95
45) 1,1'-Biphenyl	9.33	154	80095	2.545	ng	96
46) 2-Chloronaphthalene	9.36	162	55451	2.227	ng	97
47) 2-Nitroaniline	9.45	65	18068	1.959	ng #	80
48) Acenaphthylene	9.77	152	87552	2.285	ng	99
49) Dimethylphthalate	9.62	163	67866	2.252	ng #	99
50) 2,6-Dinitrotoluene	9.69	165	13181	2.084	ng #	81
51) Acenaphthene	9.94	154	53272	2.385	ng	97
52) 3-Nitroaniline	9.87	138	14465	1.803	ng	94
53) 2,4-Dinitrophenol	10.00	184	286	9.731	ng #	18
54) Dibenzofuran	10.12	168	77305	2.521	ng	98
55) 4-Nitrophenol	10.05	139	4795	0.964	ng	91
56) 2,4-Dinitrotoluene	10.10	165	15744	1.969	ng	94
57) Fluorene	10.46	166	62534	2.394	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	10218	1.914	ng #	92
59) Diethylphthalate	10.32	149	67342	2.337	ng	98
60) 4-Chlorophenyl-phenylether	10.45	204	26370	2.380	ng	95
61) 4-Nitroaniline	10.47	138	14079	1.757	ng	97
62) Azobenzene	10.60	77	68124	2.322	ng	93
64) 4,6-Dinitro-2-methylphenol	10.52	198	3177	5.654	ng	88
65) n-Nitrosodiphenylamine	10.56	169	51795	2.252	ng	96
66) 4-Bromophenyl-phenylether	10.94	248	14857	2.159	ng	93
67) Hexachlorobenzene	11.00	284	16111	2.157	ng #	85
68) Atrazine	11.09	200	13811	1.998	ng	99
69) Pentachlorophenol	11.22	266	4393	1.216	ng	91
70) Phenanthrene	11.42	178	87965	2.419	ng	95
71) Anthracene	11.47	178	85982	2.306	ng	99
72) Carbazole	11.63	167	82862	2.232	ng	98
73) Di-n-butylphthalate	11.95	149	104579	2.251	ng	97
74) Fluoranthene	12.62	202	83419	2.283	ng	98
76) Benzidine	12.73	184	18487	1.018	ng #	91
77) Pyrene	12.84	202	87282	2.305	ng	99
79) Butylbenzylphthalate	13.45	149	39194	1.959	ng	93
80) Benzo(a)anthracene	14.03	228	65146	2.067	ng	98
81) 3,3'-Dichlorobenzidine	14.00	252	22580	2.008	ng	98
82) Chrysene	14.07	228	68109	2.226	ng	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	57444	2.128	ng #	100
84) Di-n-octyl phthalate	14.63	149	89389	2.049	ng	95
85) Indeno(1,2,3-cd)pyrene	17.04	276	54853	2.264	ng	96
87) Benzo(b)fluoranthene	15.10	252	59845	1.937	ng	97
88) Benzo(k)fluoranthene	15.13	252	64491	2.217	ng	98
89) Benzo(a)pyrene	15.47	252	55494	2.012	ng	99
90) Dibenzo(a,h)anthracene	17.06	278	44591	2.092	ng #	91
91) Benzo(g,h,i)perylene	17.50	276	46637	2.239	ng #	92

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



#1

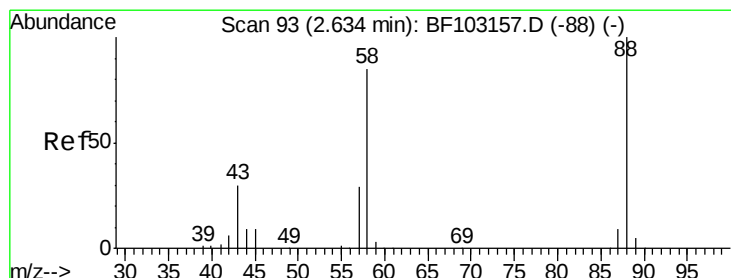
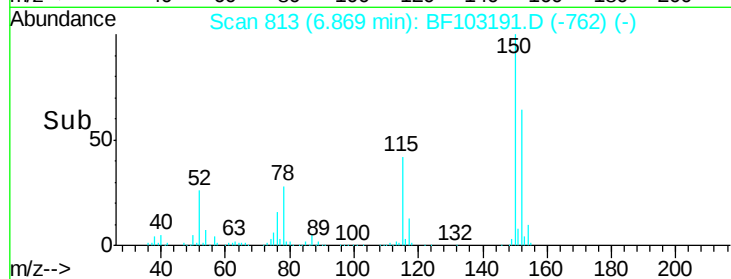
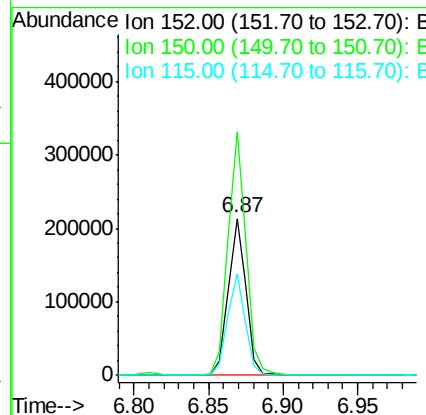
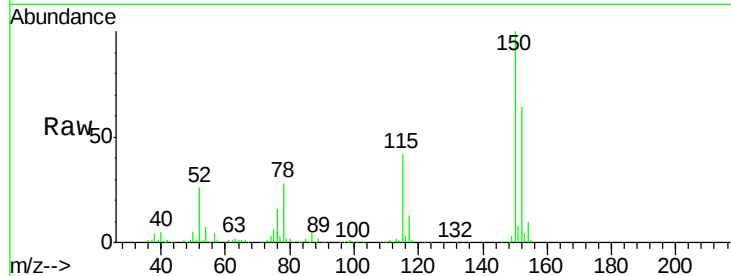
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	65.0	50.1	75.1

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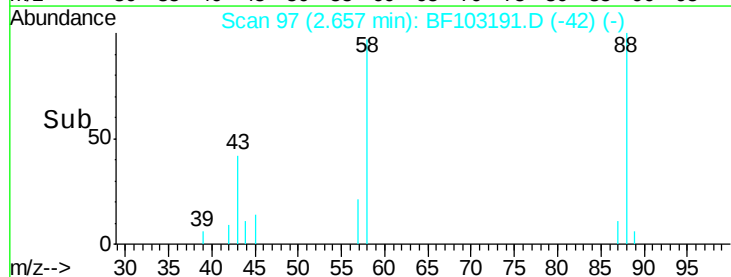
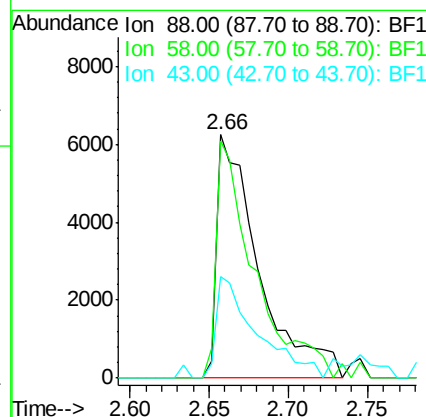
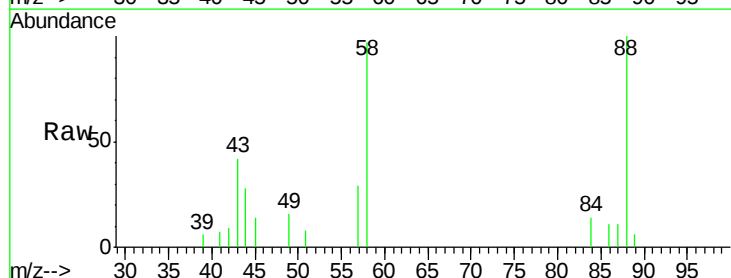
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#2

1,4-Dioxane
Concen: 1.816 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.02 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.0	62.6	93.8
43	40.3	24.6	37.0





#3

Pyridine

Concen: 1.883 ng m

RT: 3.64 min Scan# 264

Delta R.T. 0.23 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Instrument :

BNA_F

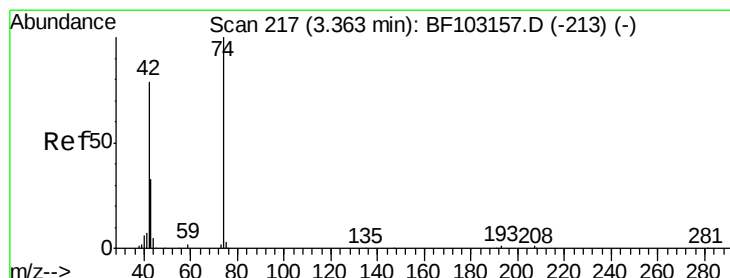
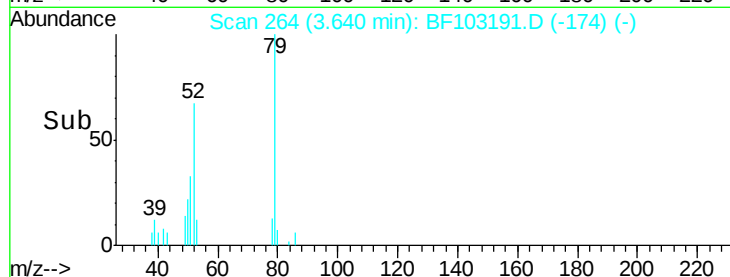
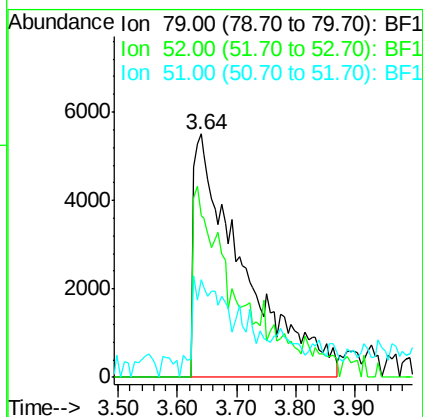
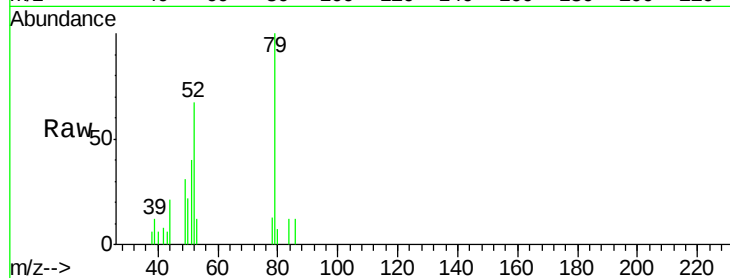
ClientSampleId :

MDL-SOIL-03-QT1-2018

Tgt Ion:	79	Resp:	31864
Ion Ratio	Lower	Upper	
79	100		
52	66.6	59.8	89.6
51	40.3	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 1.822 ng m

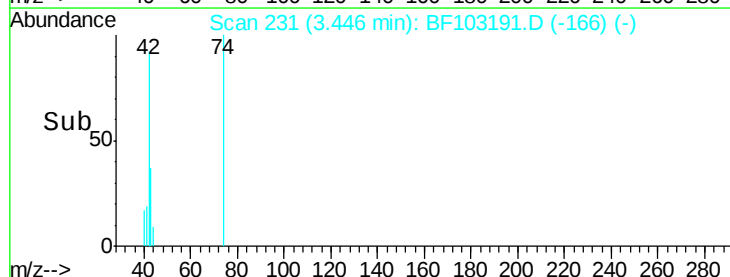
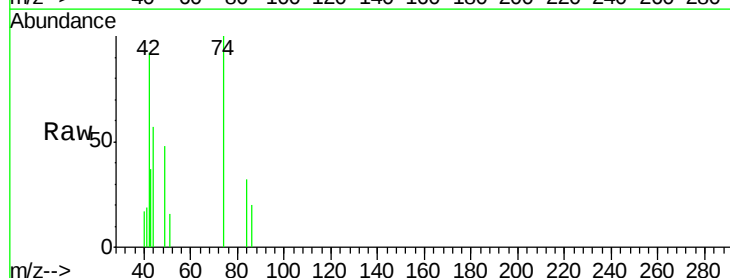
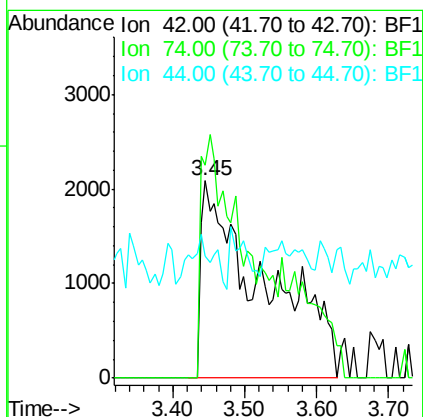
RT: 3.45 min Scan# 231

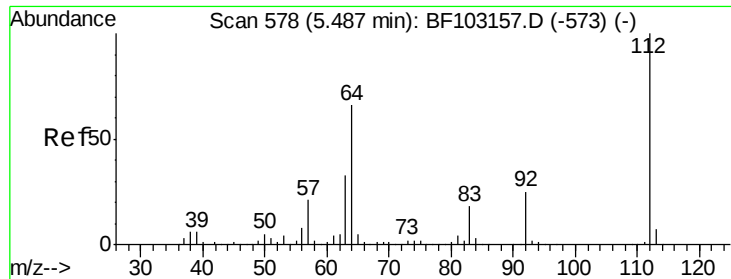
Delta R.T. 0.08 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Tgt Ion:	42	Resp:	12440
Ion Ratio	Lower	Upper	
42	100		
74	108.3	104.9	157.3
44	62.2	6.9	10.3#





#5

2-Fluorophenol

Concen: 110.476 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Instrument :

BNA_F

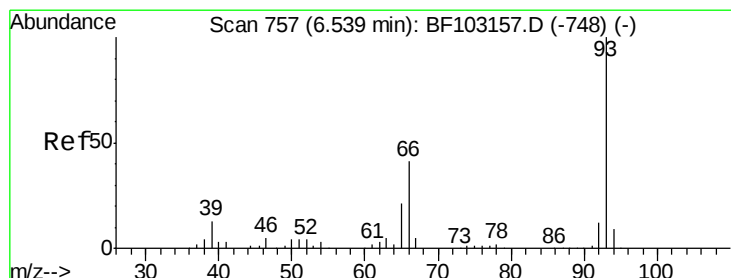
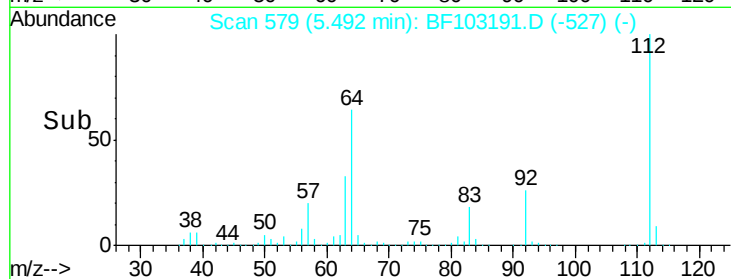
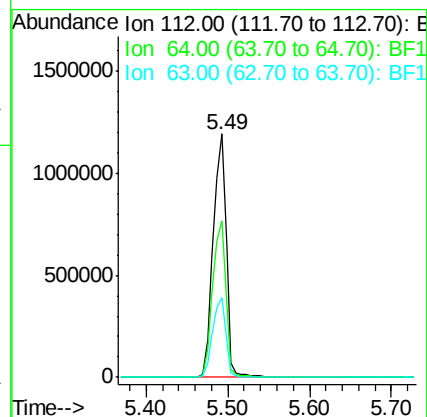
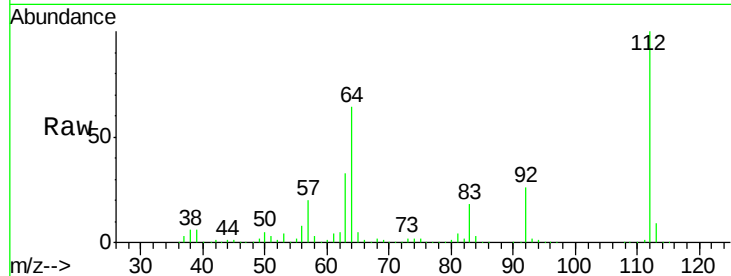
ClientSampleId :

MDL-SOIL-03-QT1-2018

Tgt Ion:	112	Resp:	1326082
Ion	Ratio	Lower	Upper
112	100		
64	64.1	47.9	71.9
63	32.9	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 2.120 ng

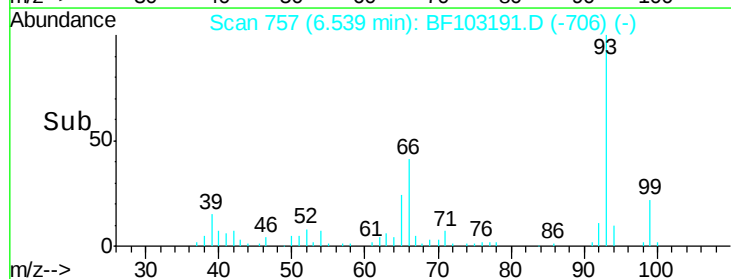
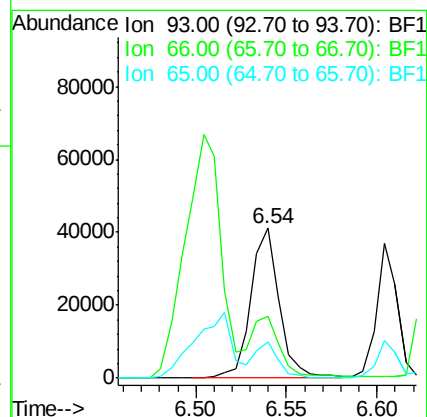
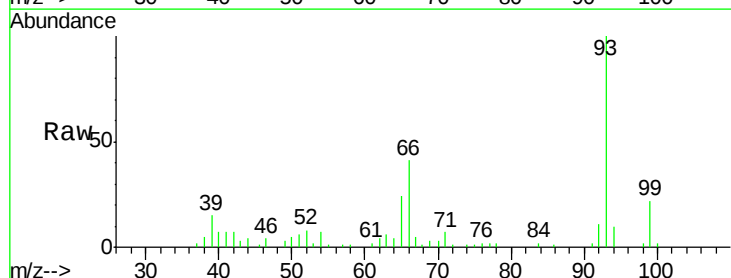
RT: 6.54 min Scan# 757

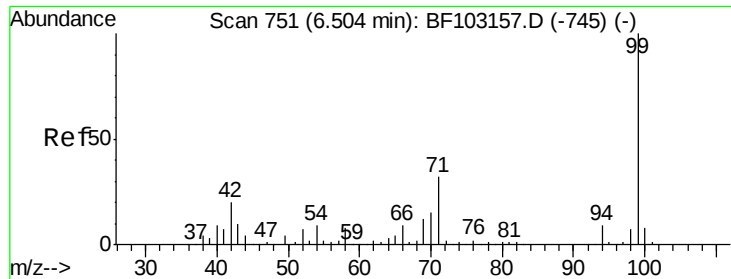
Delta R.T. -0.00 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Tgt Ion:	93	Resp:	44939
Ion	Ratio	Lower	Upper
93	100		
66	41.4	32.2	48.2
65	23.9	16.4	24.6





#7

Phenol-d6

Concen: 110.507 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT1-2018

Tgt Ion: 99 Resp: 1623111

Ion Ratio Lower Upper

99 100

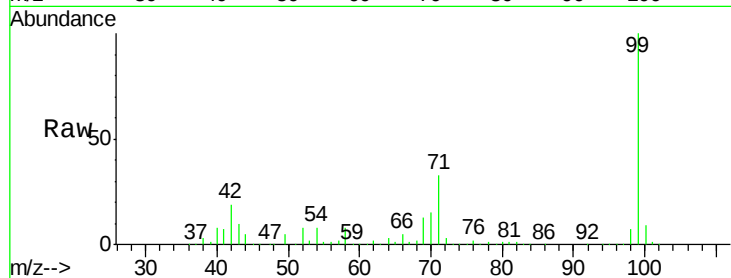
42 19.1 14.5 21.7

71 33.1 25.4 38.0

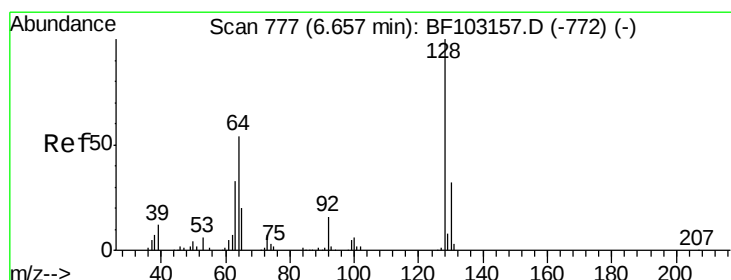
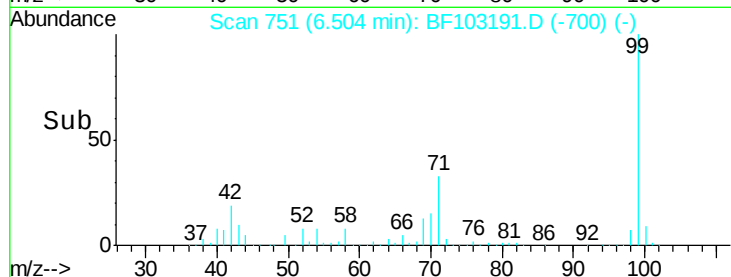
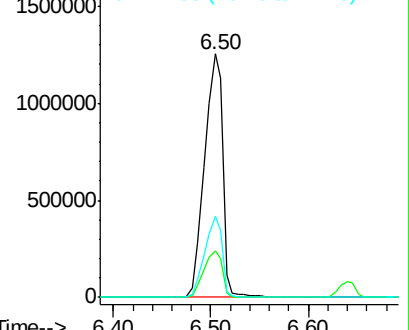
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 2.182 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

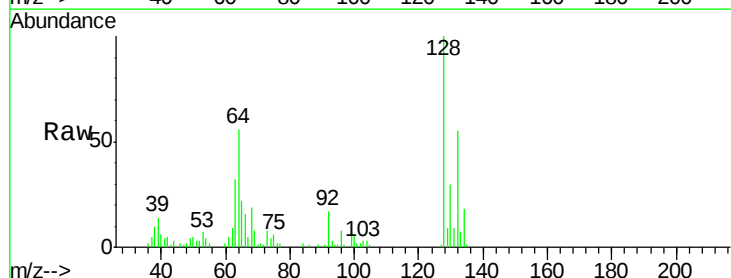
Tgt Ion: 128 Resp: 27210

Ion Ratio Lower Upper

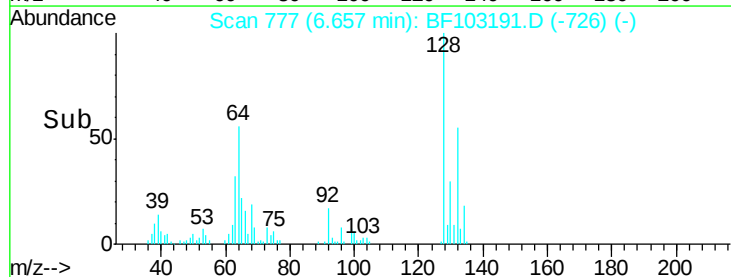
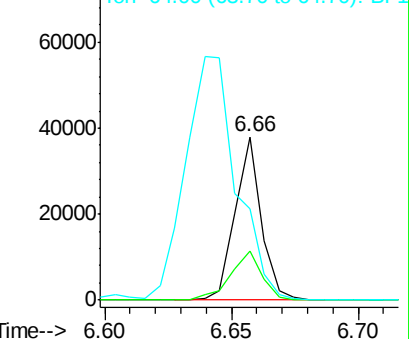
128 100

130 30.4 13.0 53.0

64 55.6 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.854 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103191.D

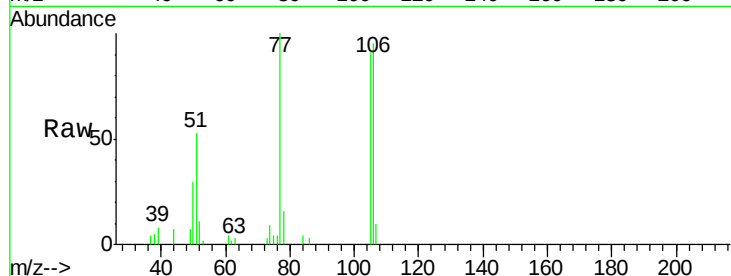
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Instrument :

BNA_F

ClientSampleId :

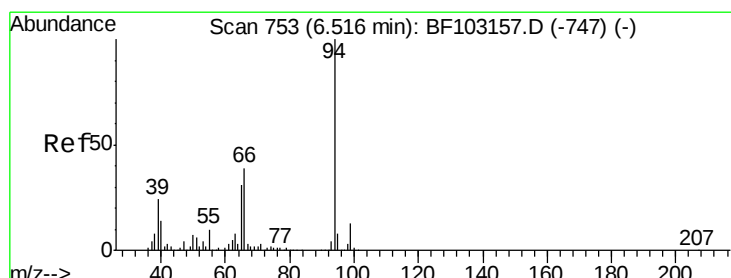
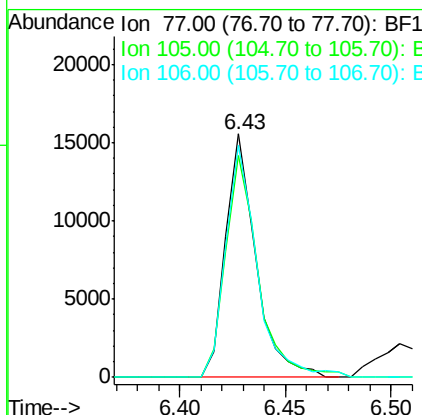
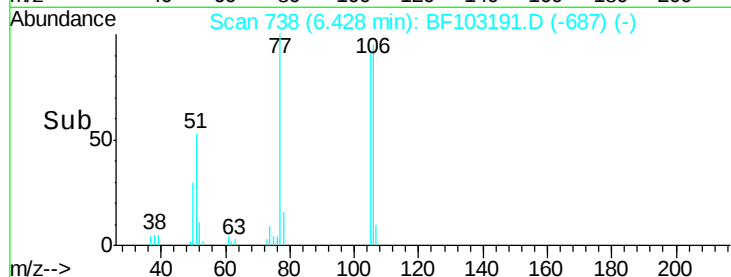
MDL-SOIL-03-QT1-2018



Tgt Ion:	77	Resp:	15470
Ion	Ratio	Lower	Upper
77	100		
105	91.2	81.1	121.1
106	95.2	74.5	114.5

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#10

Phenol

Concen: 2.205 ng

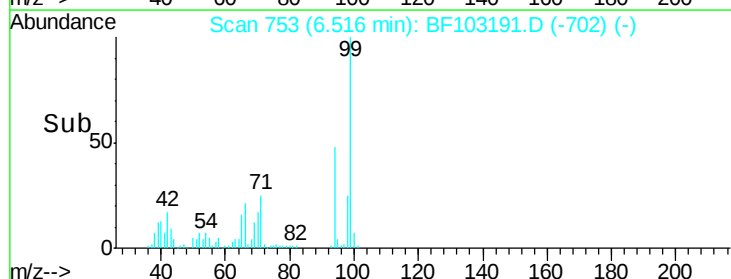
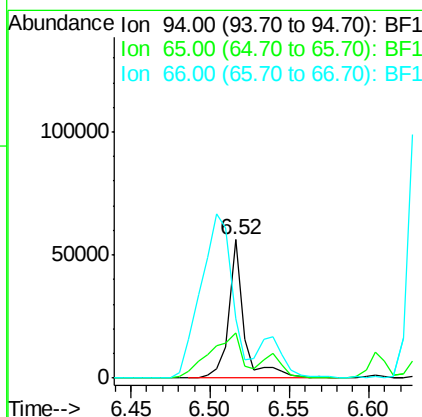
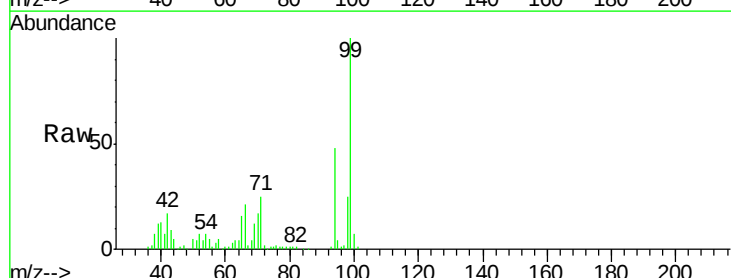
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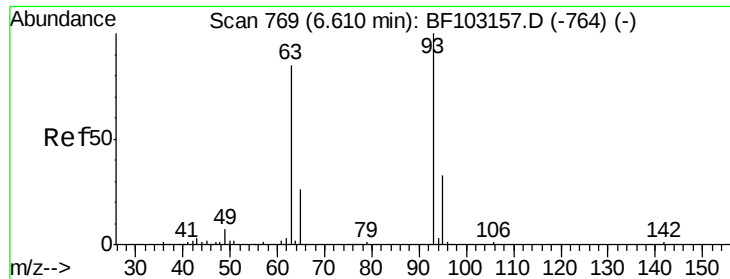
Delta R.T. -0.00 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Tgt Ion:	94	Resp:	37606
Ion	Ratio	Lower	Upper
94	100		
65	32.3	7.9	47.9
66	42.6	16.2	56.2





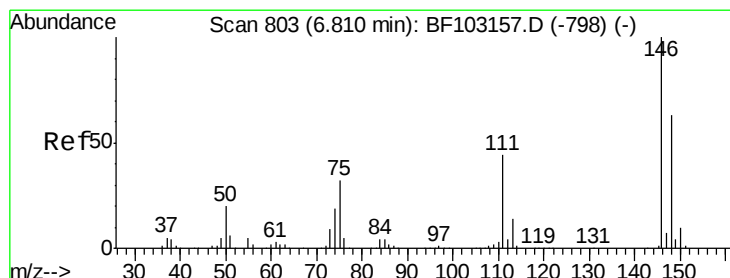
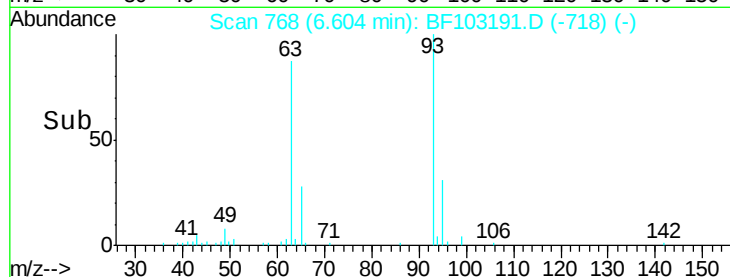
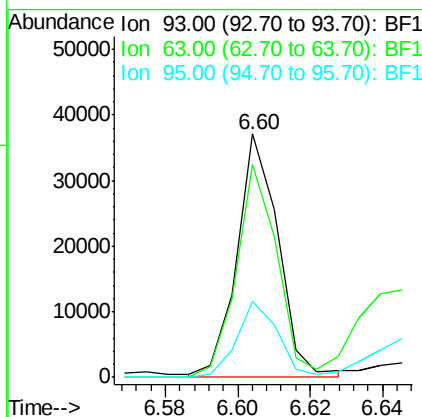
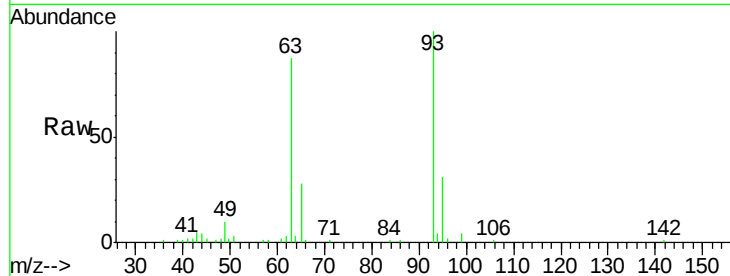
#11
 bis(2-Chloroethyl)ether
 Concen: 2.272 ng
 RT: 6.60 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Lower	Upper
93	100		
63	87.2	58.6	98.6
95	31.0	11.8	51.8

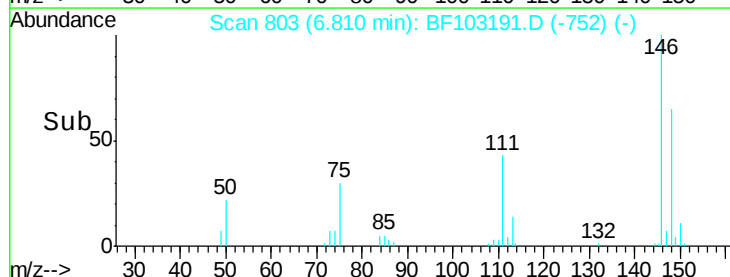
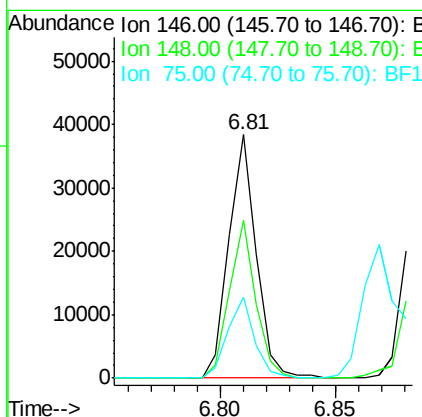
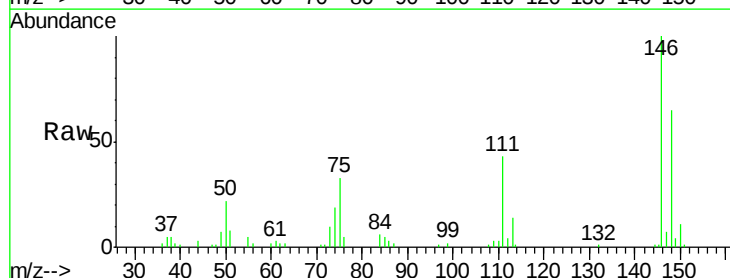
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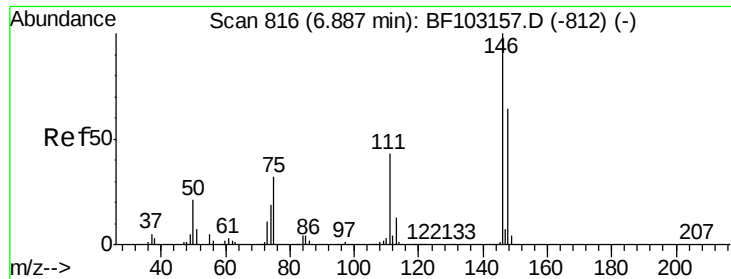
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#12
 1,3-Dichlorobenzene
 Concen: 2.226 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	33.2	24.2	36.4





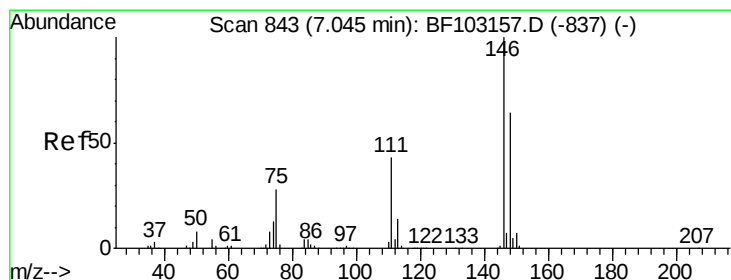
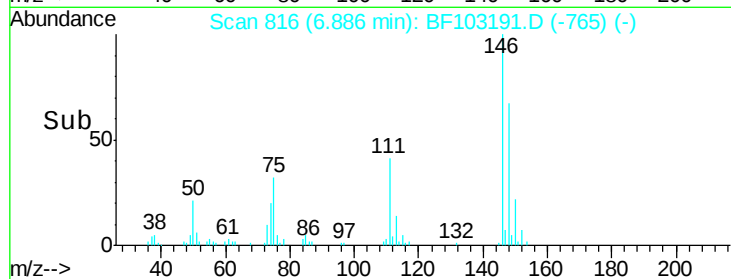
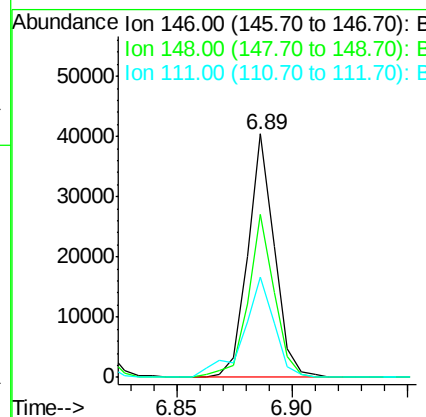
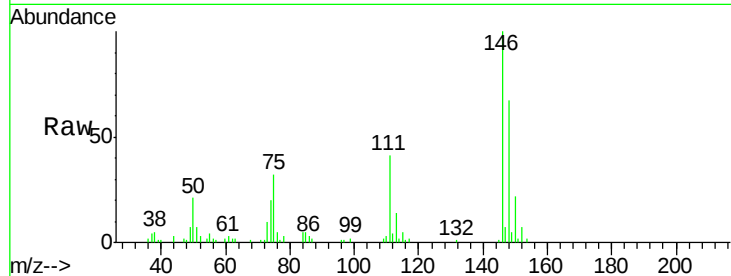
#13
 1,4-Dichlorobenzene
 Concen: 2.272 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	50.8	76.2
111	41.3	34.2	51.2

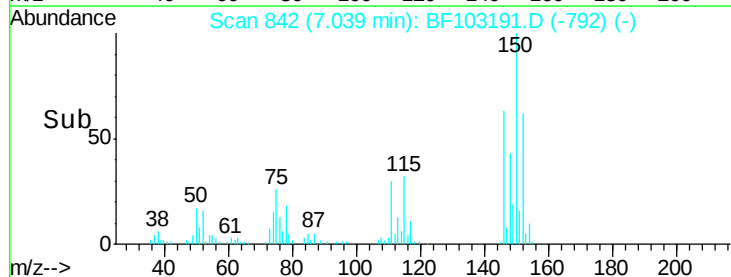
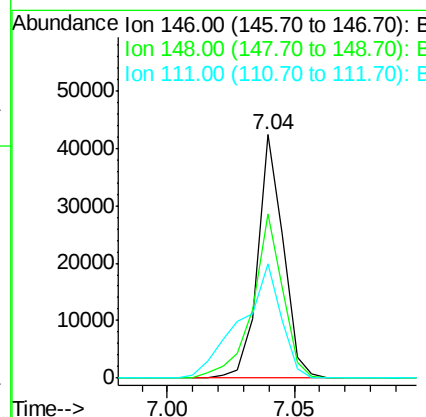
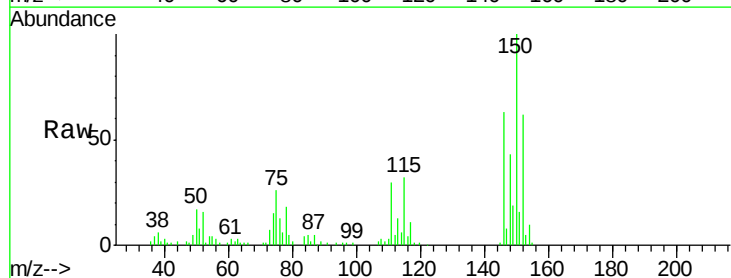
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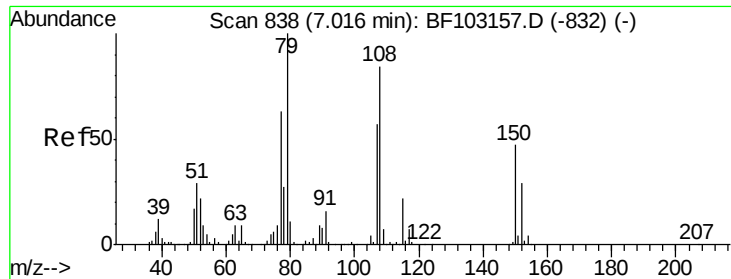
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#14
 1,2-Dichlorobenzene
 Concen: 2.250 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.2	50.6	75.8
111	47.1	36.0	54.0





#15

Benzyl Alcohol

Concen: 3.727 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Instrument :

BNA_F

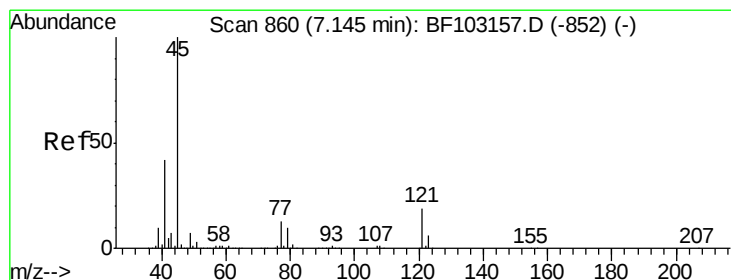
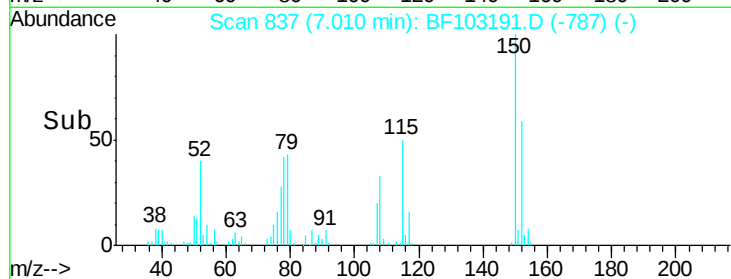
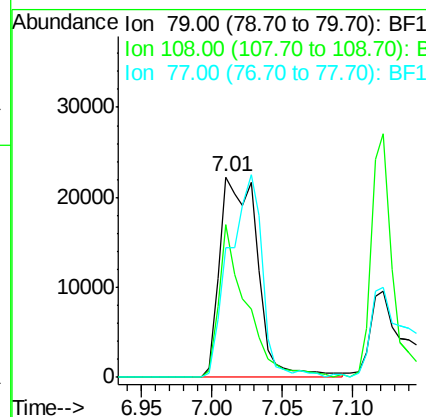
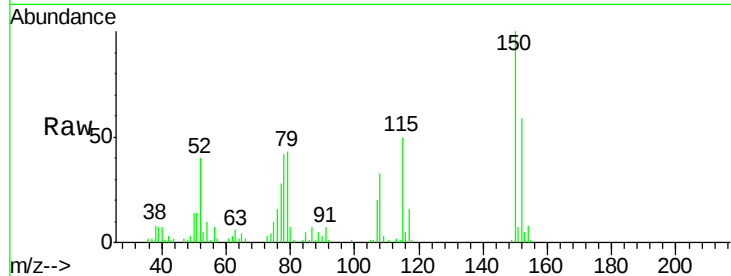
ClientSampleId :

MDL-SOIL-03-QT1-2018

Tgt Ion:	79	Resp:	41248
Ion Ratio	Lower	Upper	
79	100		
108	76.3	65.1	97.7
77	64.6	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.211 ng

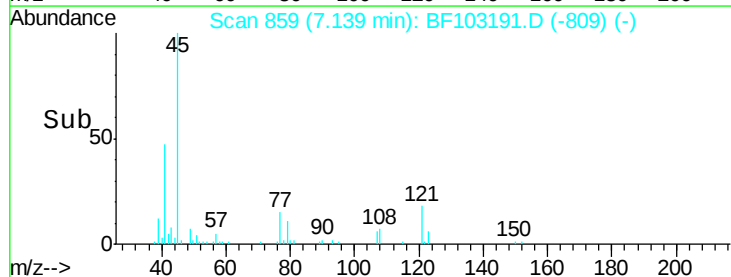
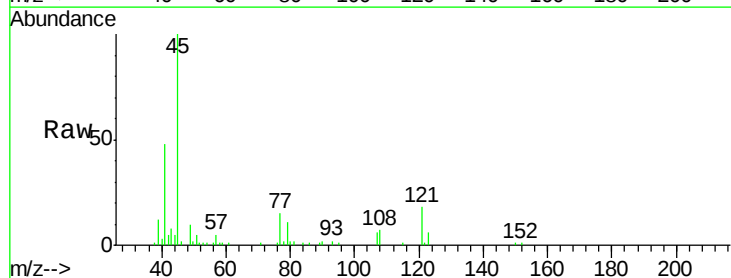
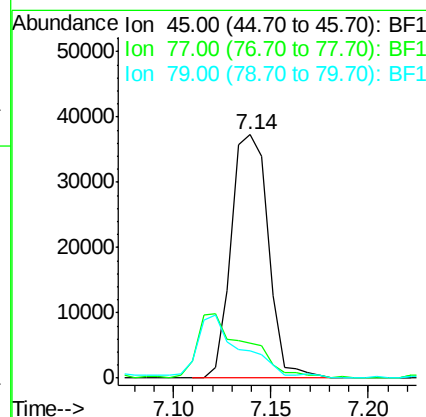
RT: 7.14 min Scan# 859

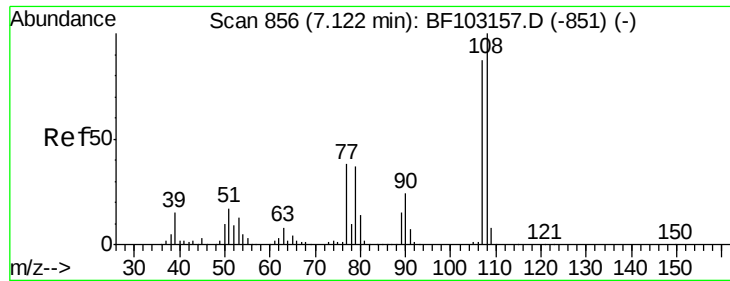
Delta R.T. -0.01 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Tgt Ion:	45	Resp:	49144
Ion Ratio	Lower	Upper	
45	100		
77	14.6	0.0	32.9
79	11.3	0.0	29.6





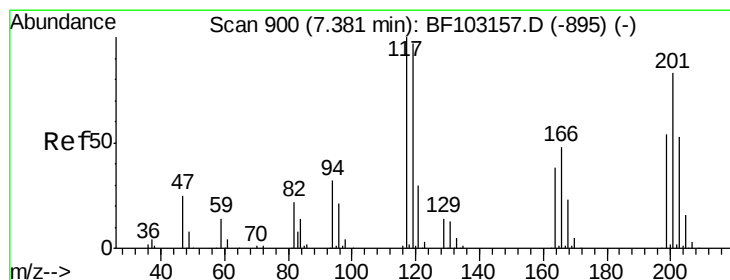
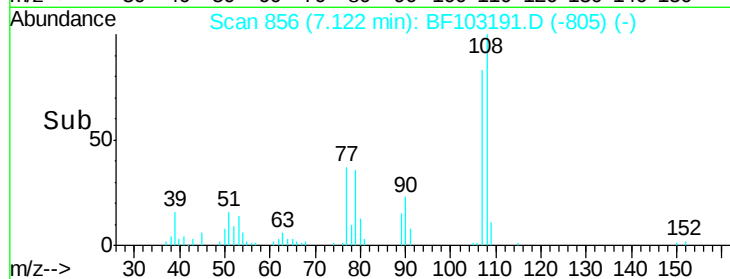
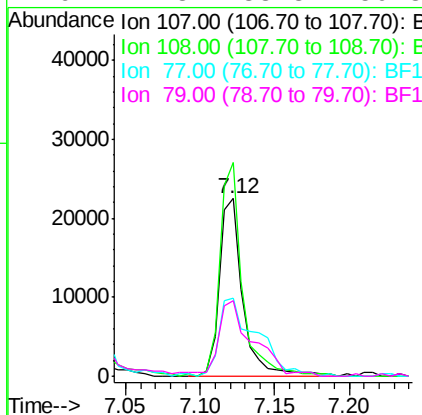
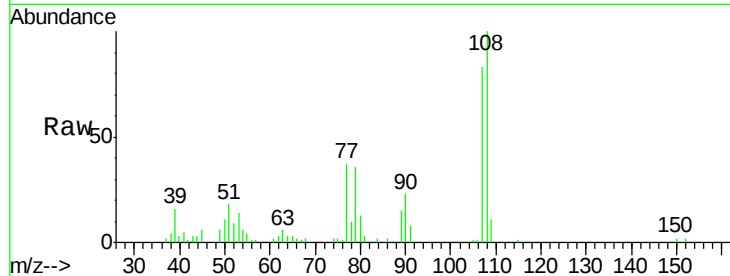
#17
2-Methylphenol
Concen: 2.203 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2018

Tgt Ion:	107	Resp:	24961
Ion Ratio	Lower	Upper	
107	100		
108	120.1	91.7	137.5
77	44.2	33.8	50.8
79	42.8	33.8	50.8

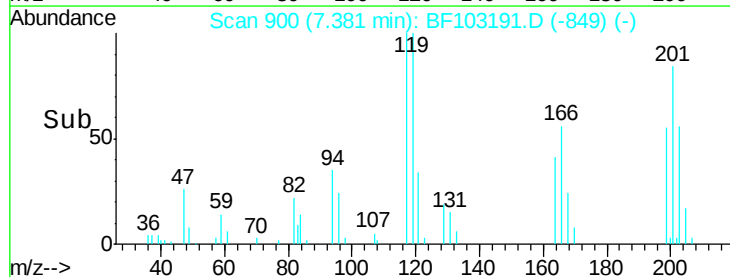
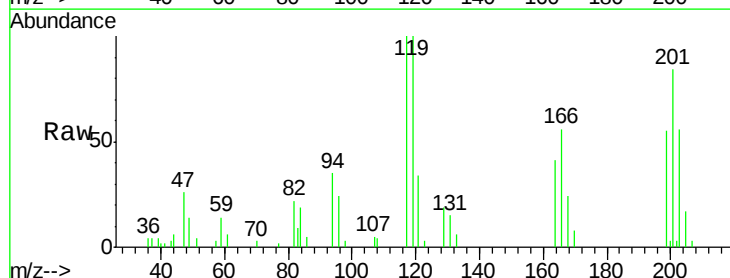
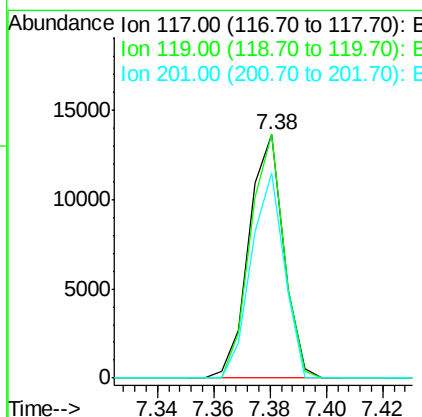
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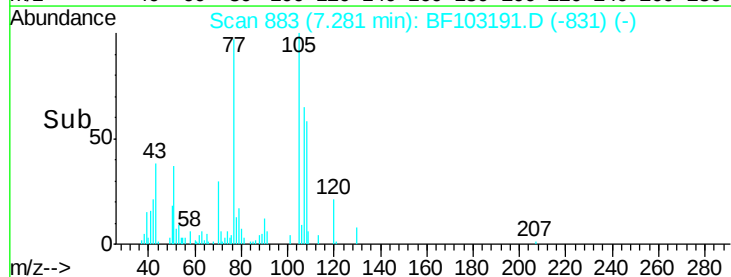
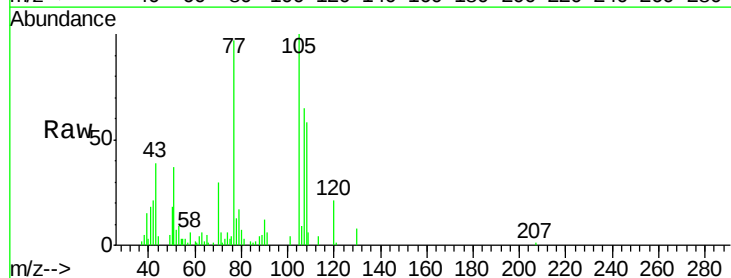
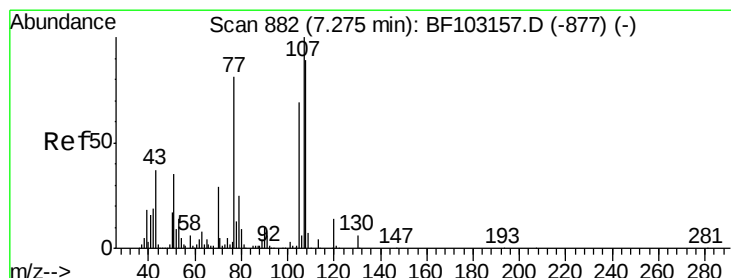
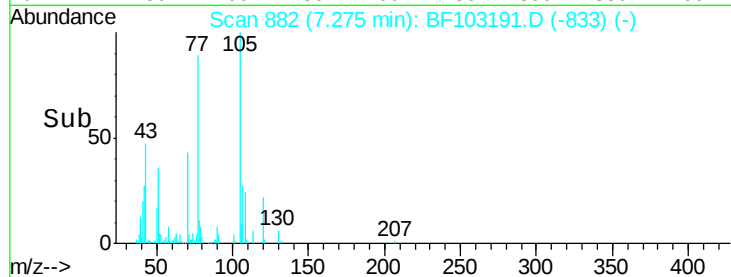
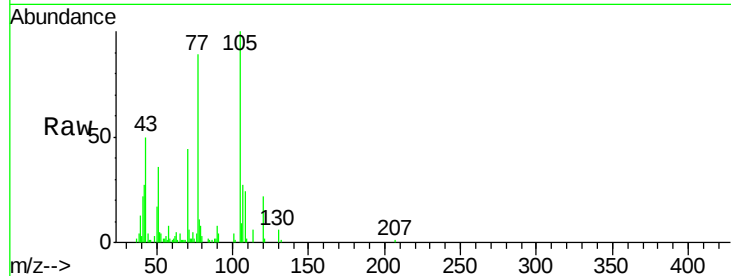
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#18
Hexachloroethane
Concen: 2.240 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Tgt Ion:	117	Resp:	11648
Ion Ratio	Lower	Upper	
117	100		
119	99.9	75.8	113.8
201	84.4	75.7	113.5





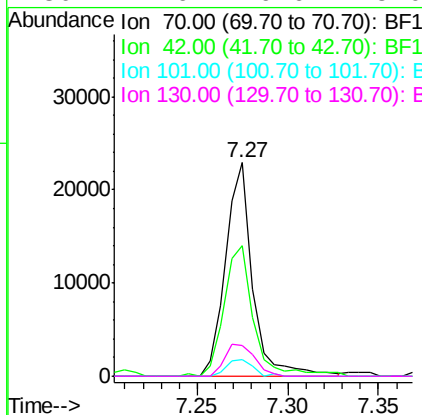
#19
n-Nitroso-di-n-propylamine
Concen: 2.614 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.0	47.5	71.3
101	8.1	7.4	11.2
130	14.6	16.6	25.0#

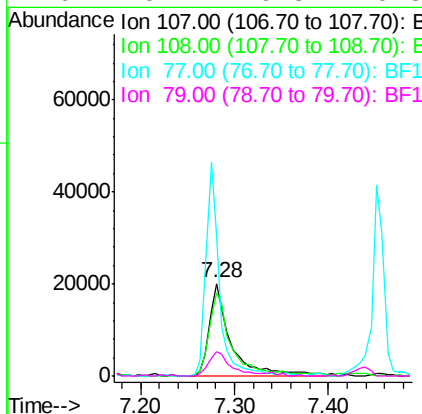
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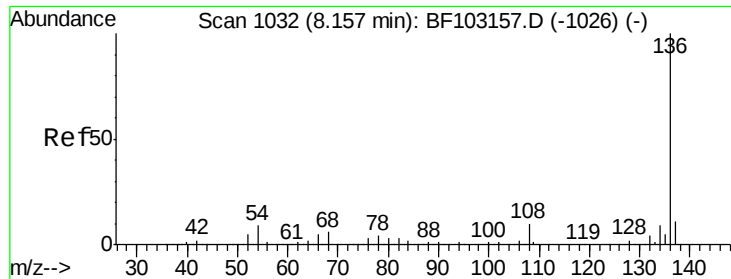
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#20
3+4-Methylphenols
Concen: 2.374 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.2	108.2
77	151.0	26.7	66.7#
79	26.2	6.3	46.3





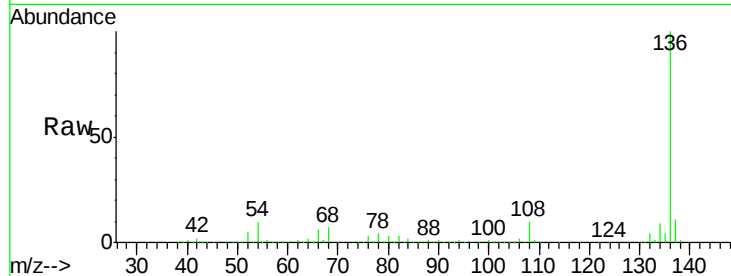
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2018

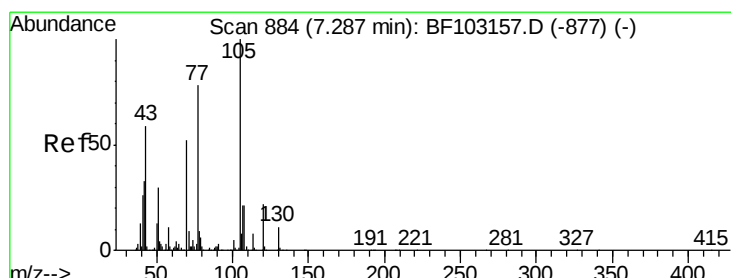
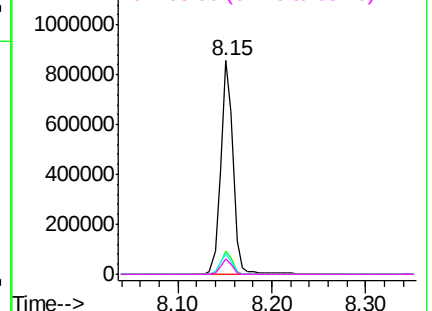
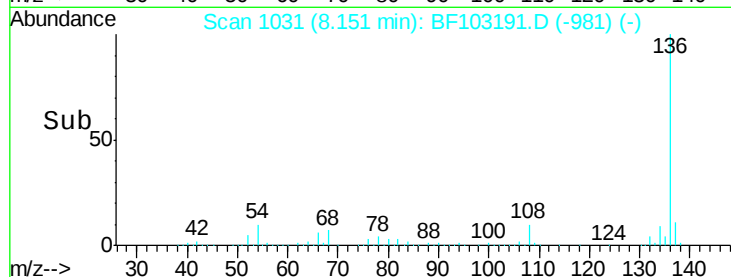
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	796780		
137	11.1	8.9	13.3	
54	9.7	6.6	9.8	
68	6.9	5.0	7.4	

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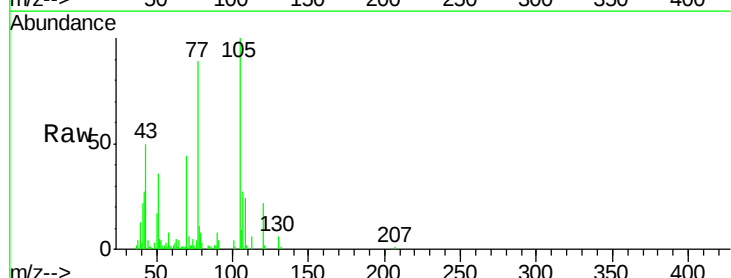


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

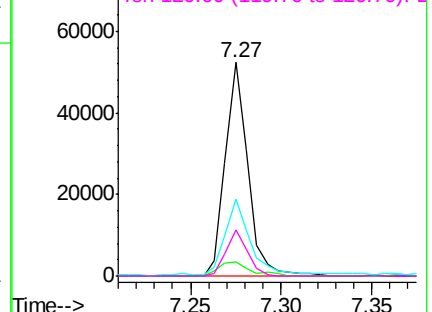
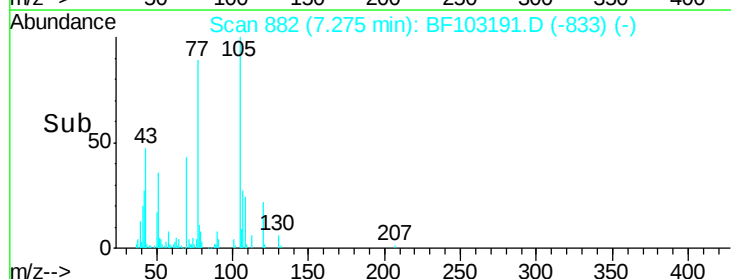


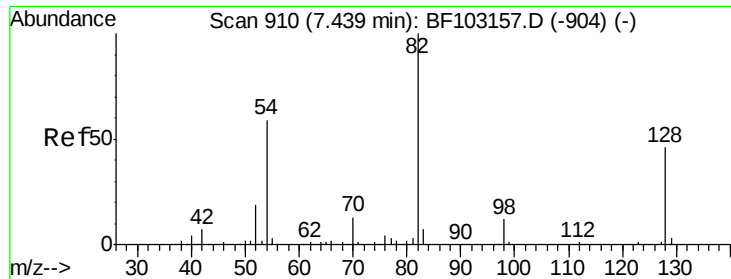
#22
Acetophenone
Concen: 2.450 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	45574		
71	6.5	4.4	6.6	
51	35.7	22.3	33.5	
120	21.8	16.9	25.3	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





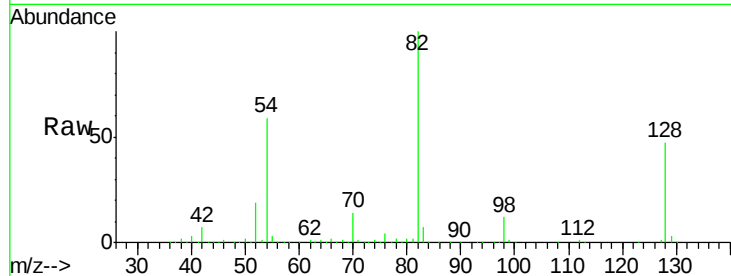
#23
 Nitrobenzene-d5
 Concen: 87.868 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2018

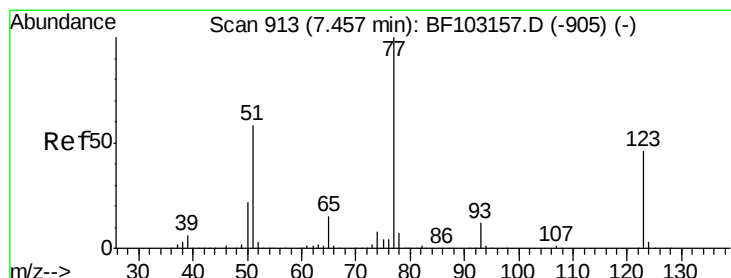
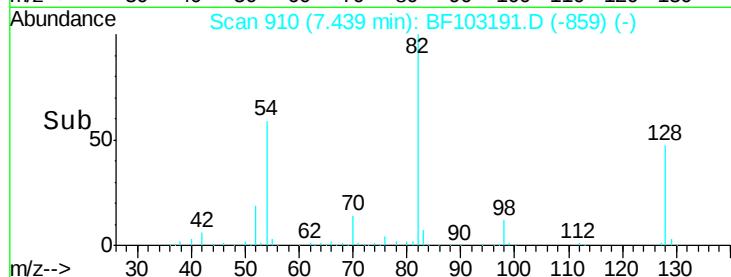
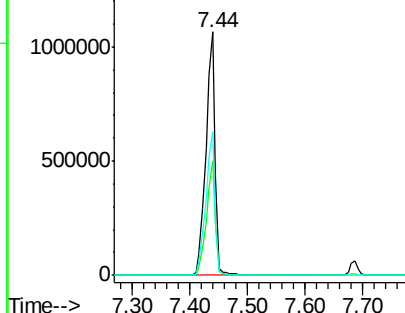
Tgt Ion: 82 Resp: 1225935
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.1 54.1
 54 59.3 41.4 62.2

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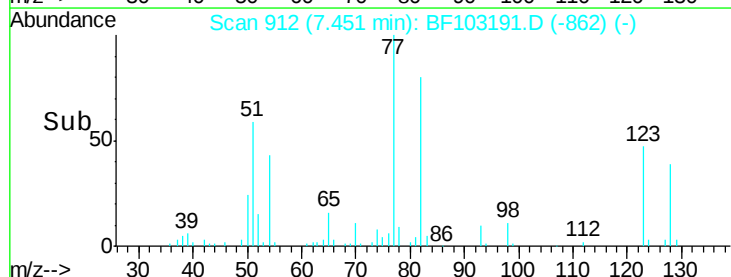
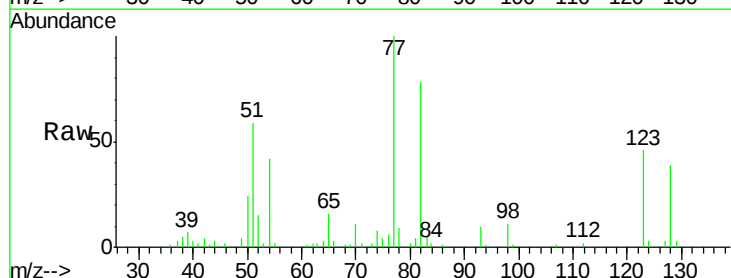
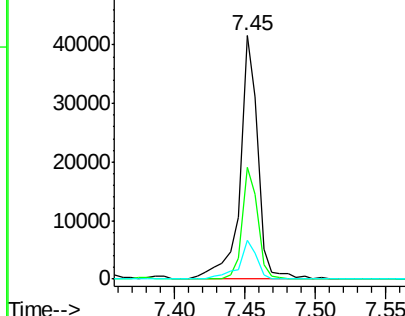
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

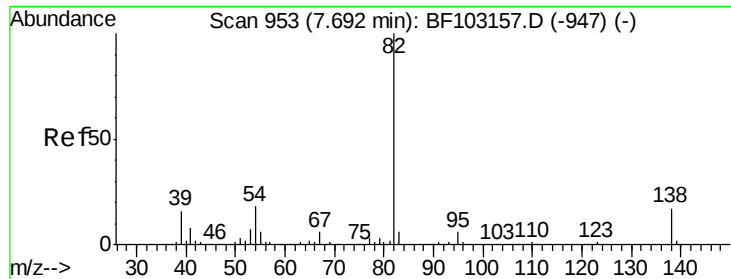


#24
 Nitrobenzene
 Concen: 2.370 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Tgt Ion: 77 Resp: 36406
 Ion Ratio Lower Upper
 77 100
 123 45.7 37.9 56.9
 65 15.8 11.0 16.4

Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 2.117 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Instrument :

BNA_F

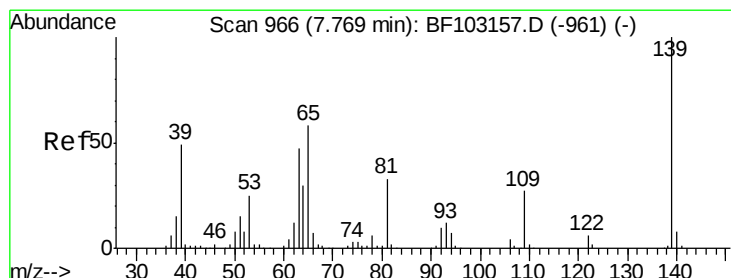
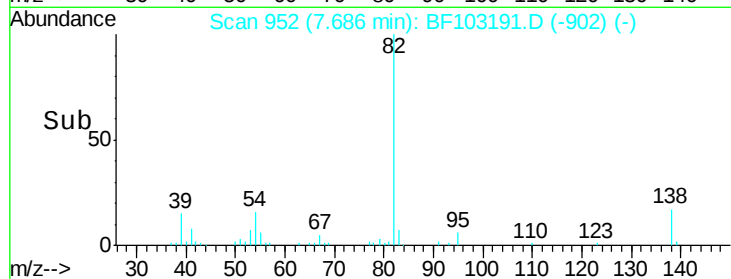
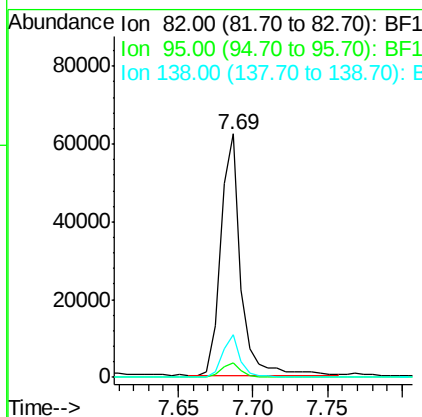
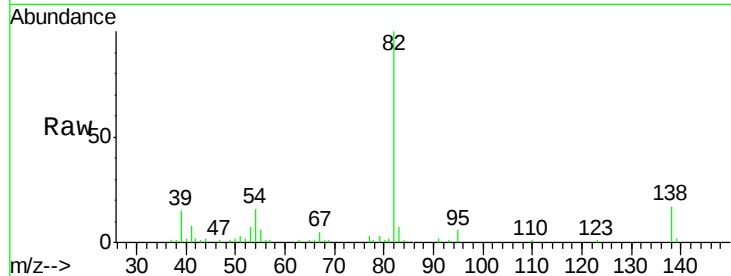
ClientSampleId :

MDL-SOIL-03-QT1-2018

Tgt Ion:	82	Resp:	58162
Ion Ratio	Lower	Upper	
82	100		
95	6.0	5.2	7.8
138	17.4	14.9	22.3

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#26

2-Nitrophenol

Concen: 1.832 ng

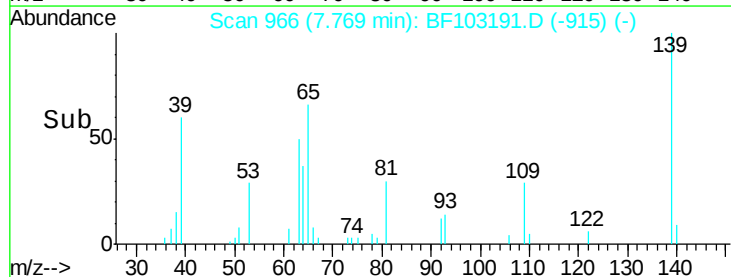
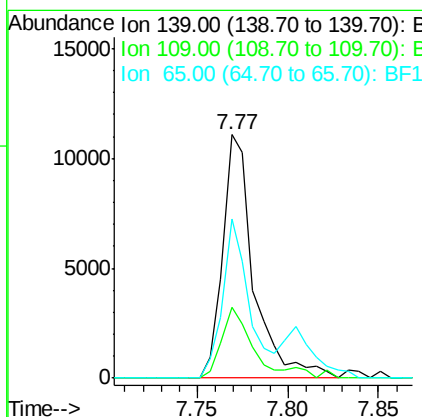
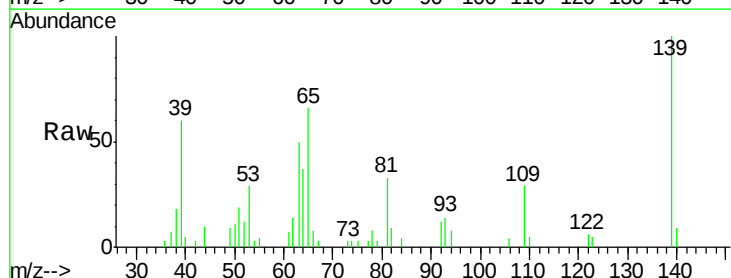
RT: 7.77 min Scan# 966

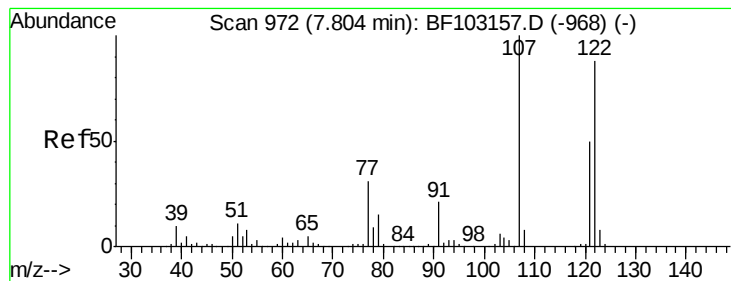
Delta R.T. -0.00 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

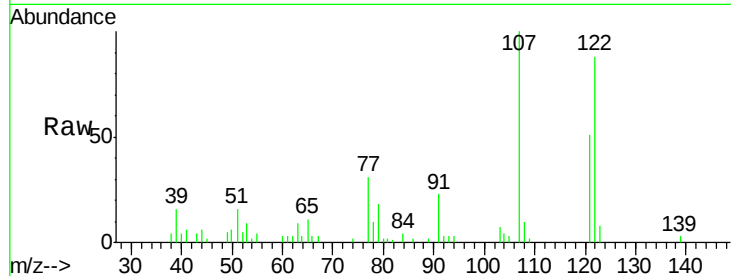
Tgt Ion:	139	Resp:	13245
Ion Ratio	Lower	Upper	
139	100		
109	29.2	22.7	34.1
65	65.5	40.5	60.7#





#27
 2,4-Dimethylphenol
 Concen: 1.952 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

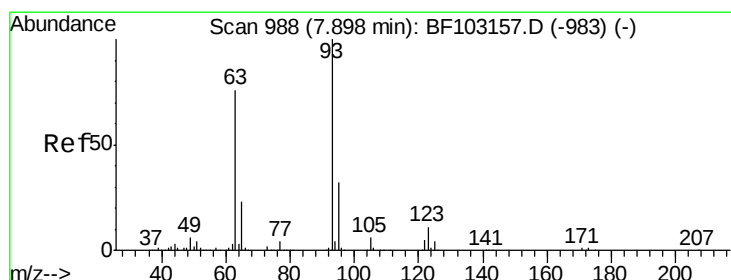
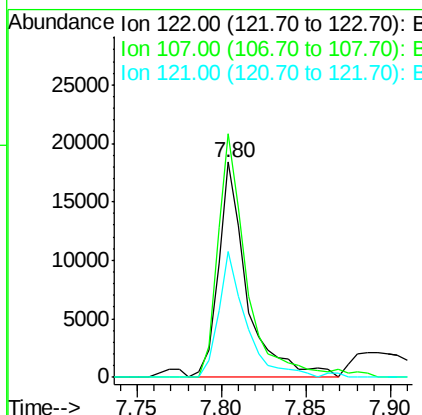
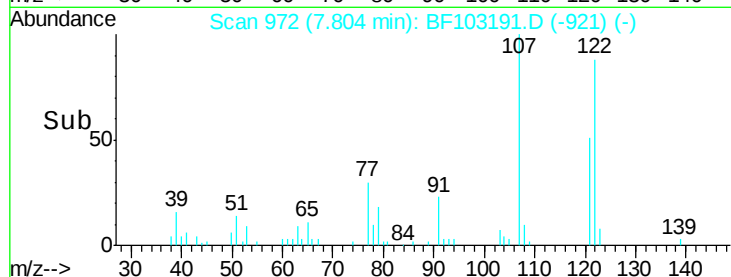
Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2018



Tgt Ion: 122 Resp: 21577
 Ion Ratio Lower Upper
 122 100
 107 113.3 91.2 136.8
 121 58.3 47.2 70.8

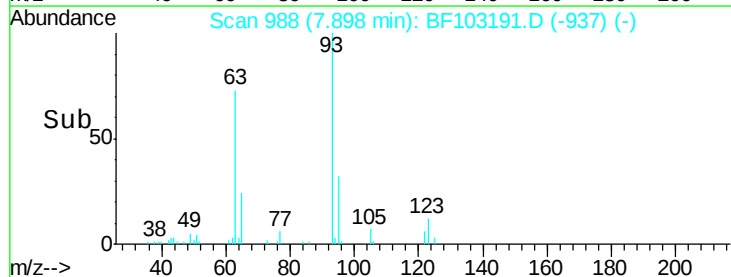
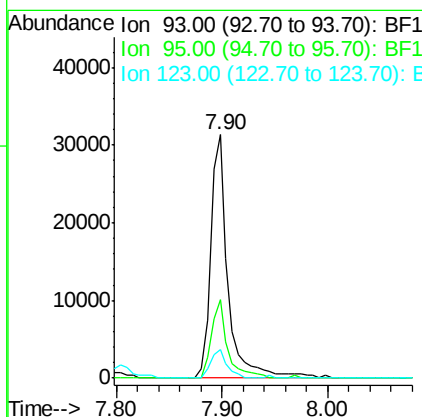
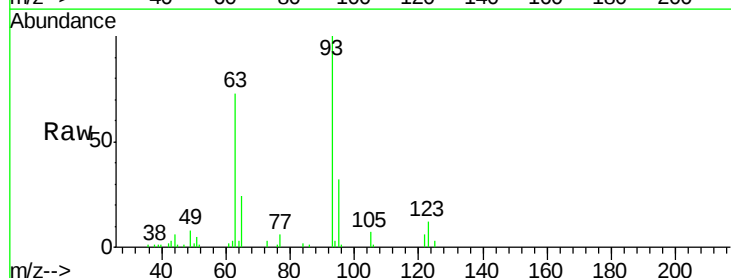
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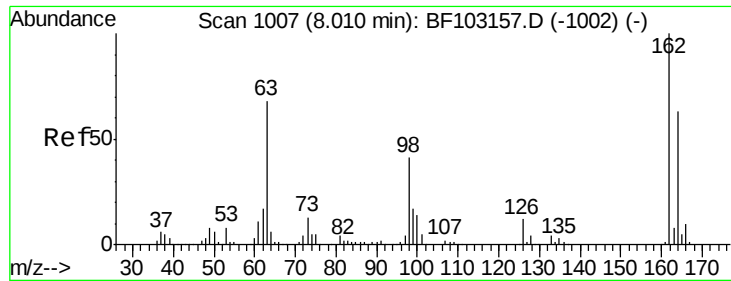
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#28
 bis(2-Chloroethoxy)methane
 Concen: 2.225 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Tgt Ion: 93 Resp: 35953
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.3 39.5
 123 11.9 9.8 14.6





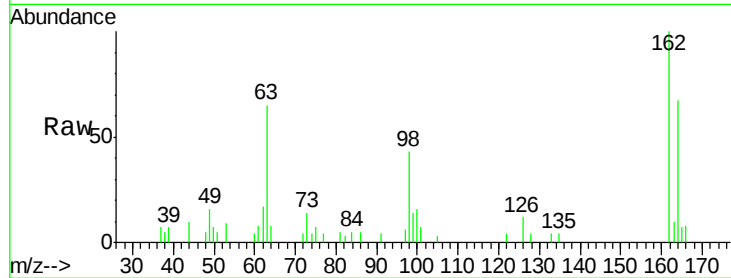
#29
 2,4-Dichlorophenol
 Concen: 1.969 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2018

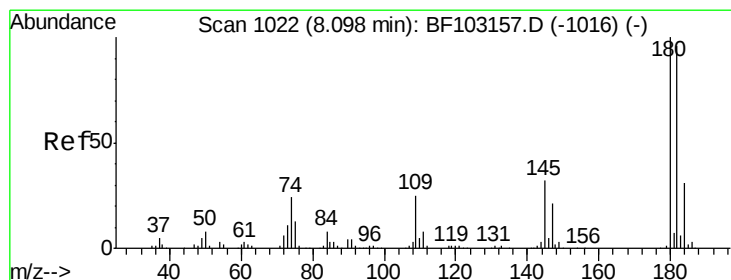
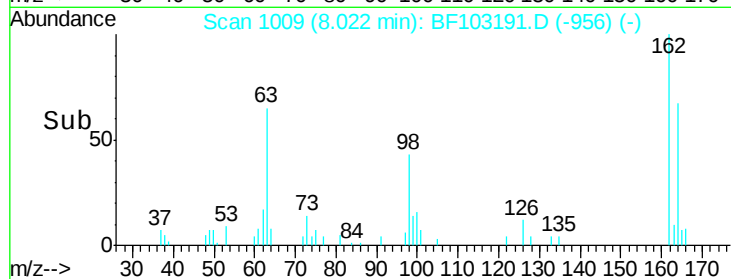
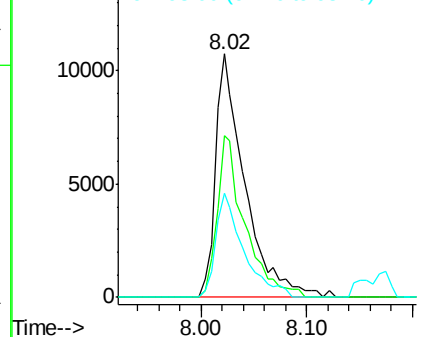
Tgt Ion:	162	Resp:	20835
Ion Ratio	Lower	Upper	
162	100		
164	66.6	42.7	82.7
98	42.9	18.1	58.1

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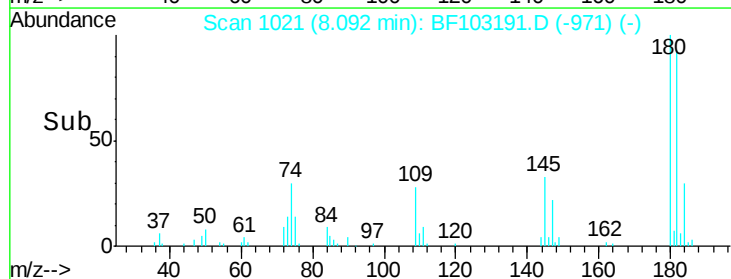
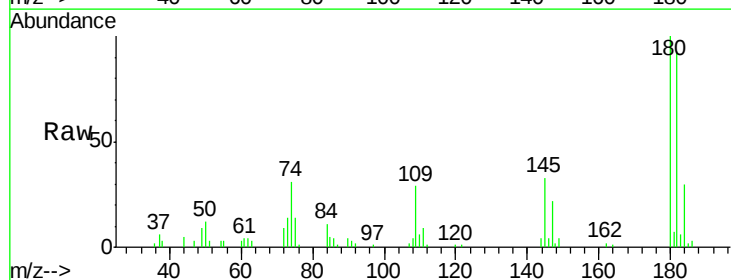
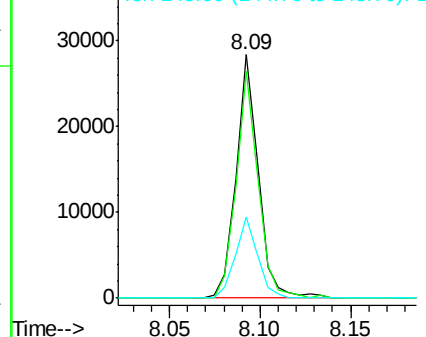
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

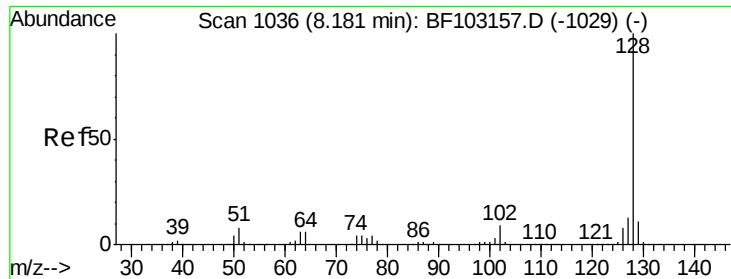


#30
 1,2,4-Trichlorobenzene
 Concen: 2.165 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Tgt Ion:	180	Resp:	24403
Ion Ratio	Lower	Upper	
180	100		
182	93.5	76.8	115.2
145	33.4	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





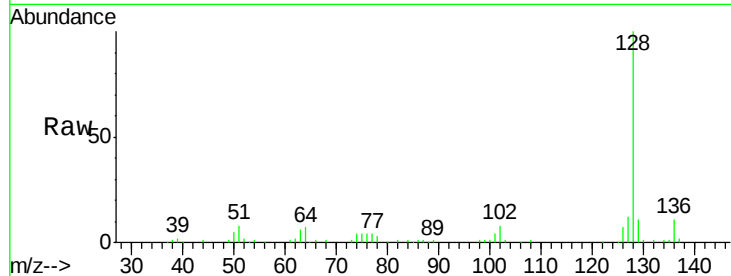
#31
Naphthalene
Concen: 2.314 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2018

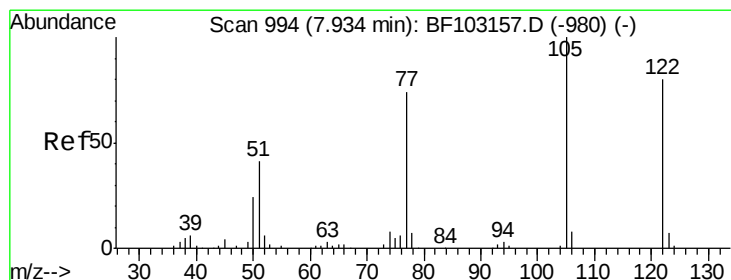
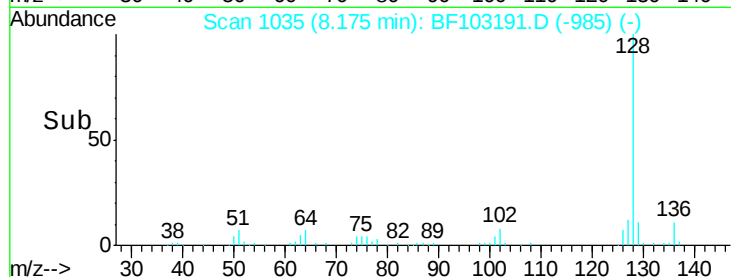
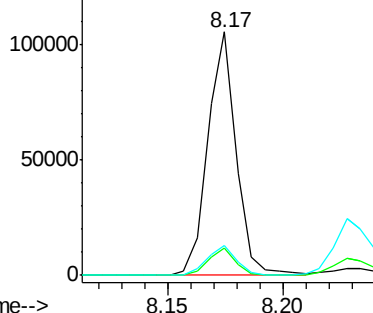
Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.1	8.8	13.2
127	12.3	10.9	16.3

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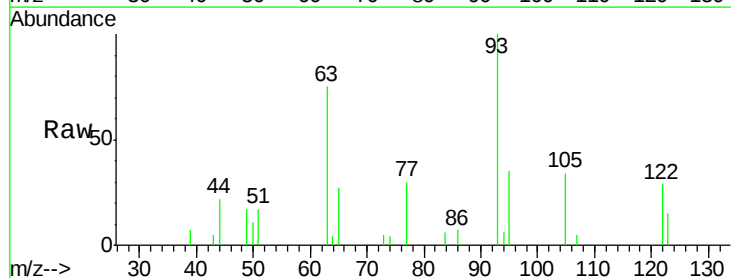


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

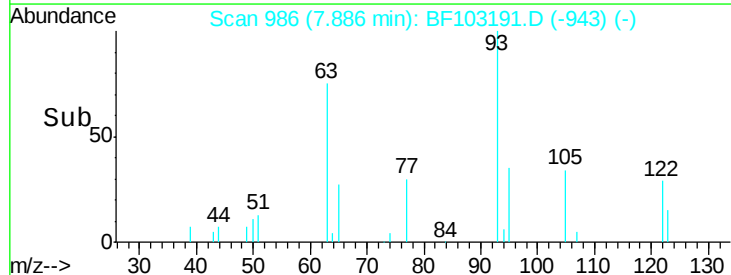
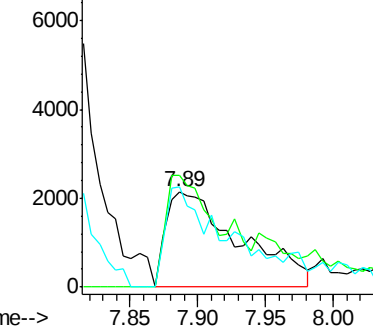


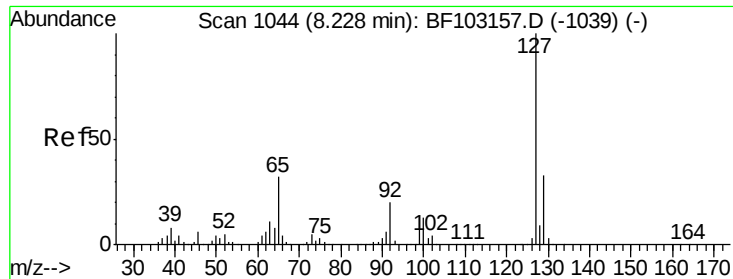
#32
Benzoic acid
Concen: 7.762 ng m
RT: 7.89 min Scan# 986
Delta R.T. -0.05 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	117.8	101.1	141.1
77	105.6	70.7	110.7



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





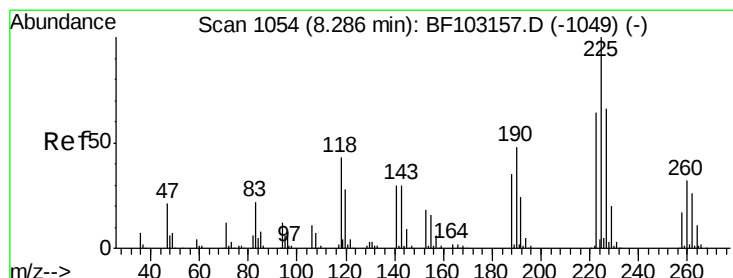
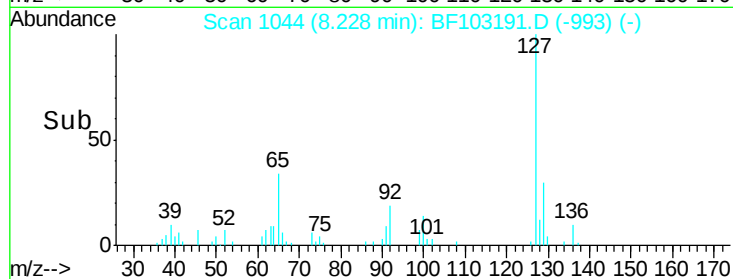
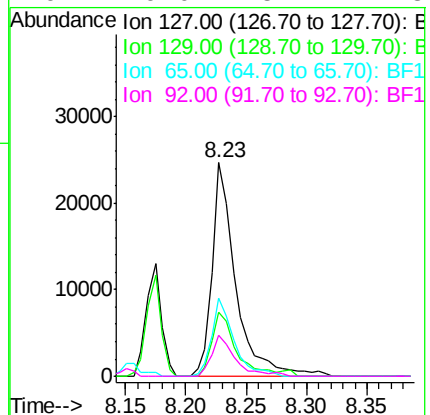
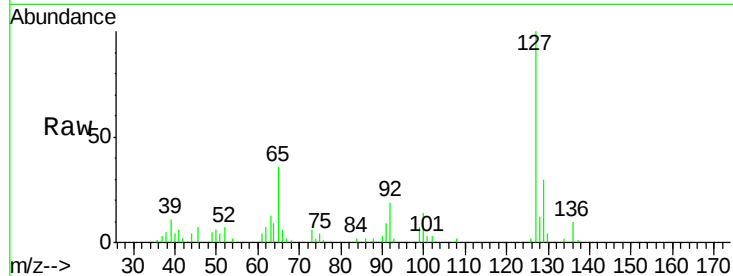
#33
4-Chloroaniline
Concen: 1.985 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	29.8	25.9	38.9	
65	36.4	25.0	37.4	
92	19.0	15.2	22.8	

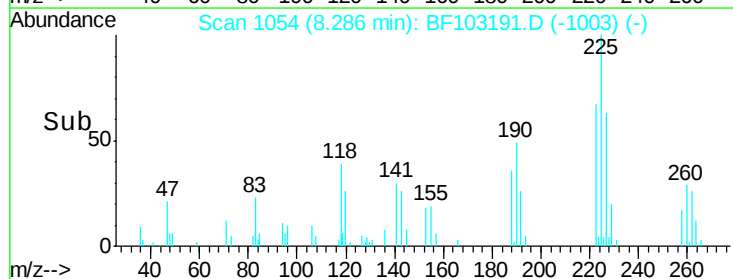
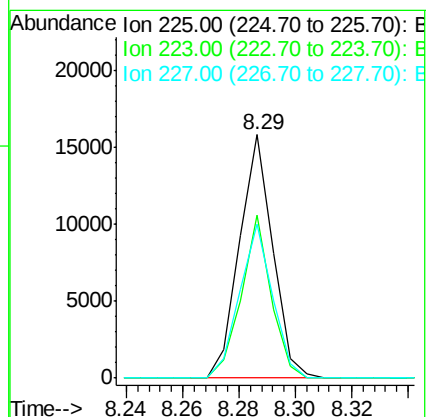
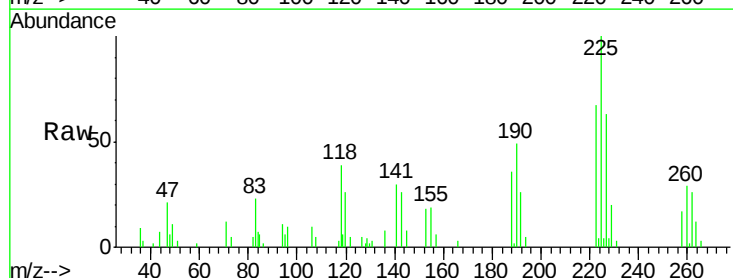
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#34
Hexachlorobutadiene
Concen: 2.203 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	67.1	50.6	76.0	
227	67.3	51.9	77.9	





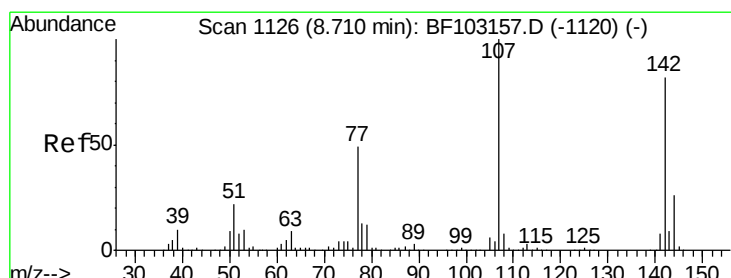
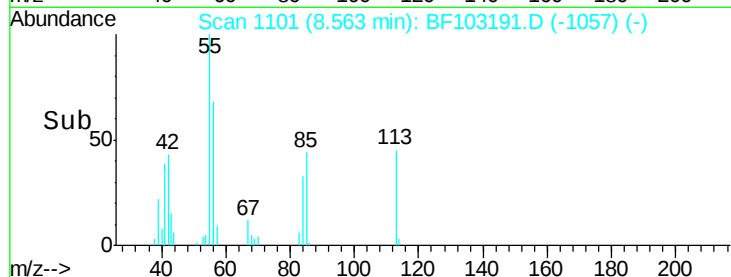
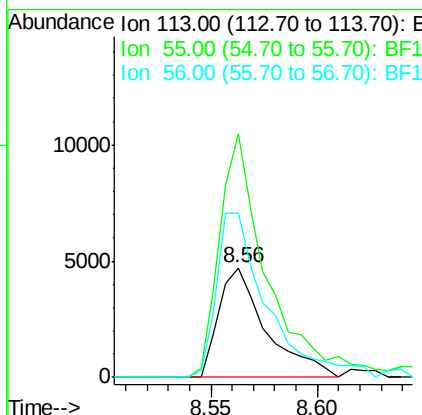
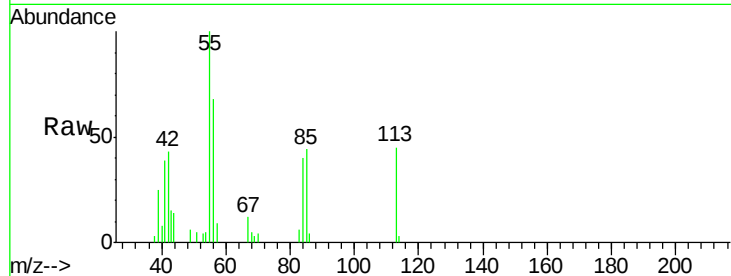
#35
 Caprolactam
 Concen: 1.966 ng m
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.04 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Lower	Upper
113	100		
55	222.4	163.3	203.3#
56	150.3	115.7	155.7

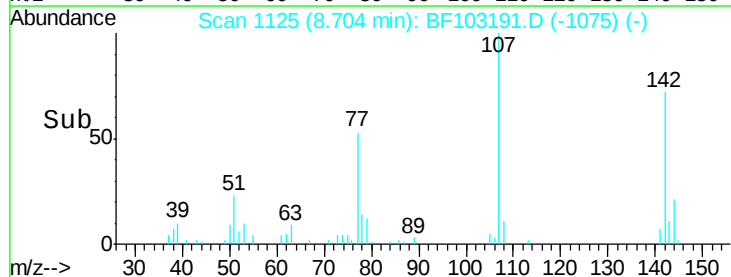
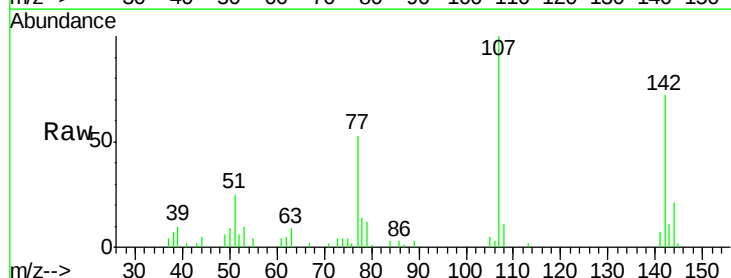
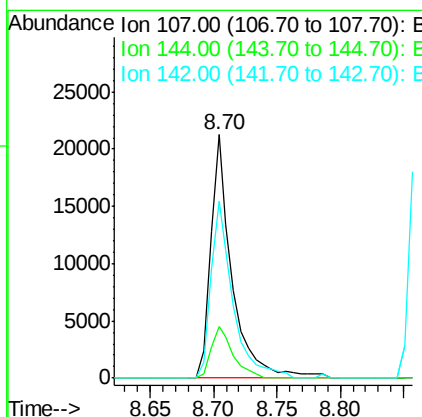
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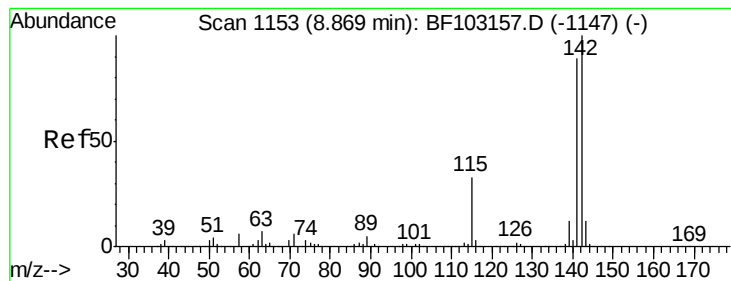
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#36
 4-Chloro-3-methylphenol
 Concen: 2.098 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.4	20.5	30.7
142	72.5	62.0	93.0





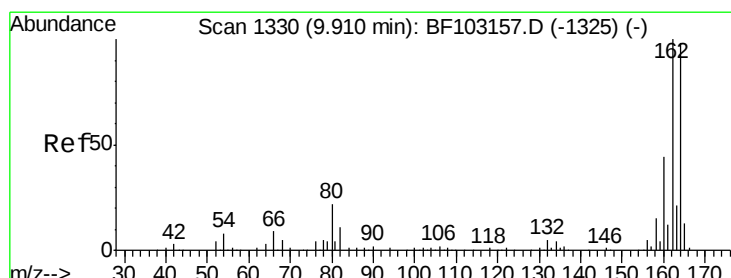
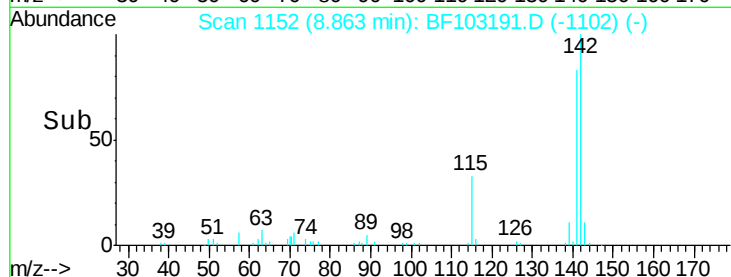
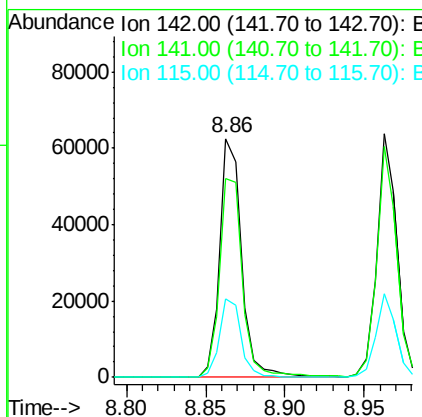
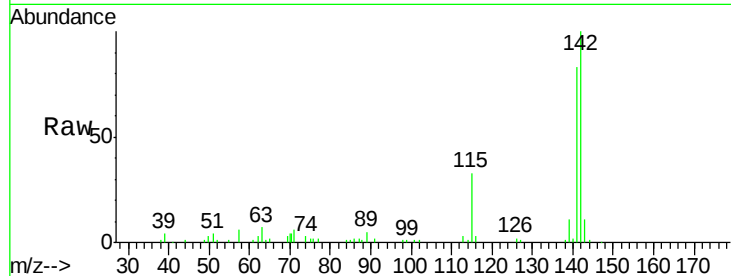
#37
 2-Methylnaphthalene
 Concen: 2.384 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.4	70.8	106.2
115	32.6	26.1	39.1

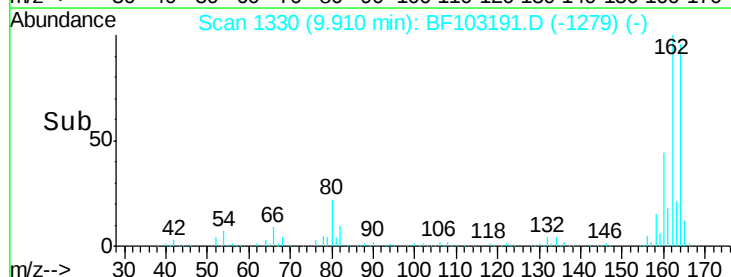
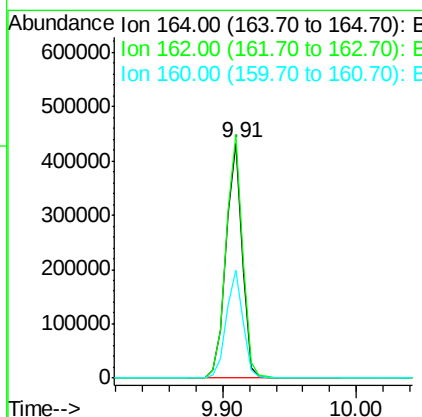
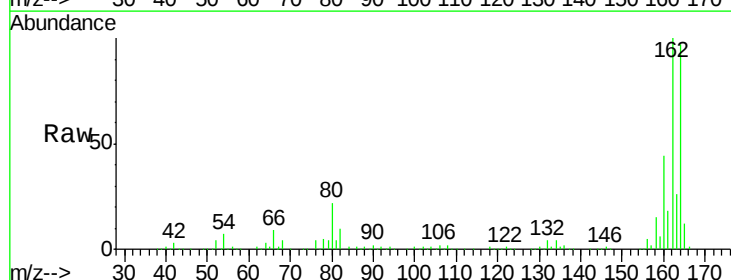
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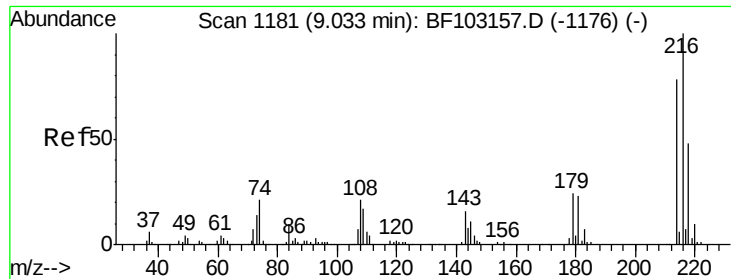
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	45.9	38.3	57.5





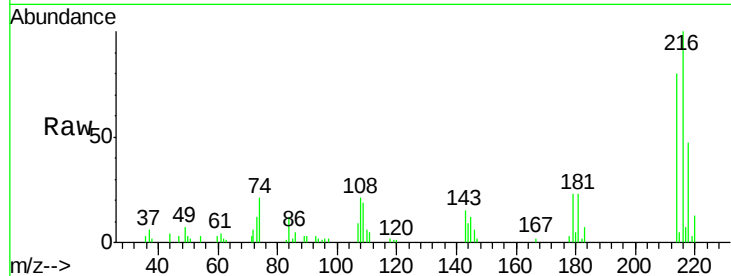
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.184 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2018

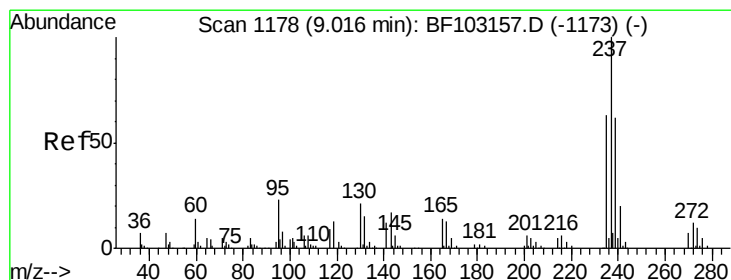
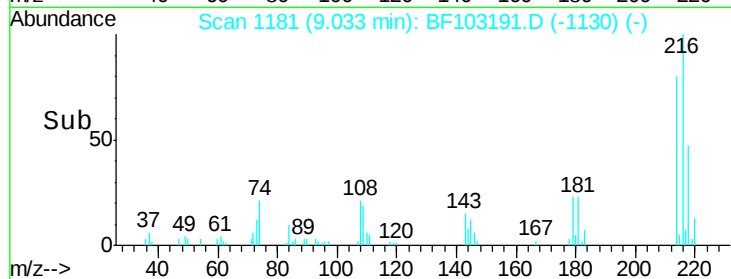
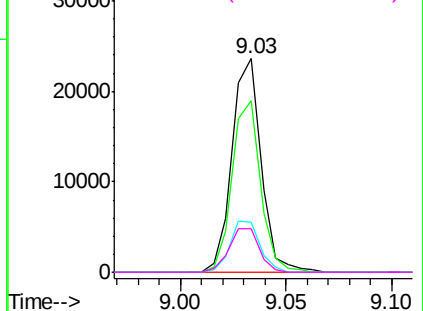
Tgt Ion:	216	Resp:	22431
Ion Ratio	Lower	Upper	
216	100		
214	78.4	63.0	94.4
179	24.3	18.1	27.1
108	21.5	17.2	25.8

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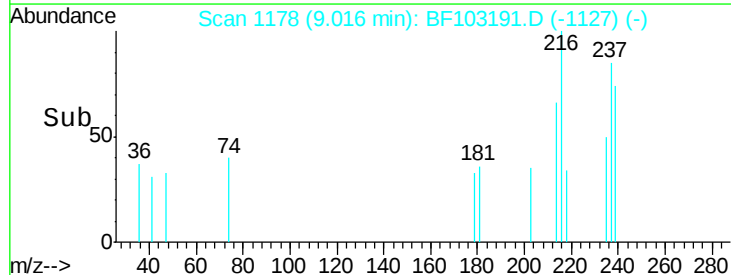
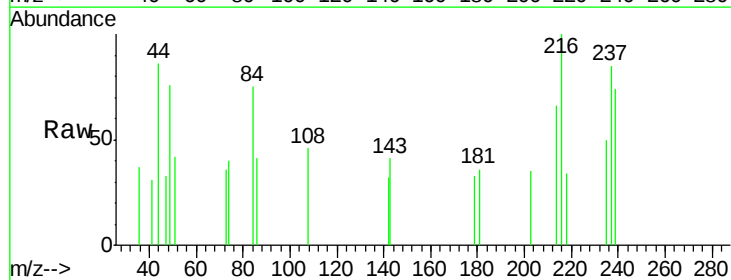
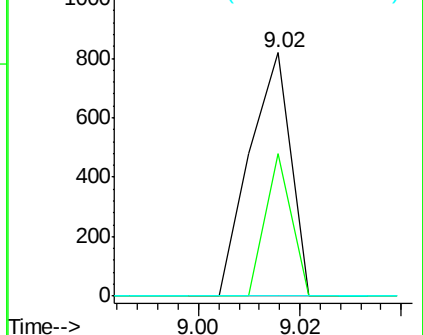
Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

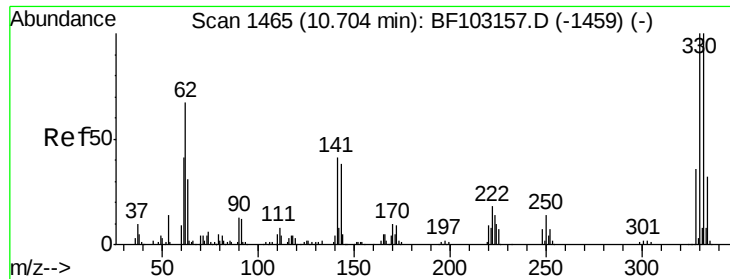


#40
 Hexachlorocyclopentadiene
 Concen: 8.994 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Tgt Ion:	237	Resp:	459
Ion Ratio	Lower	Upper	
237	100		
235	58.6	44.8	84.8
272	0.0	0.0	33.3

Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





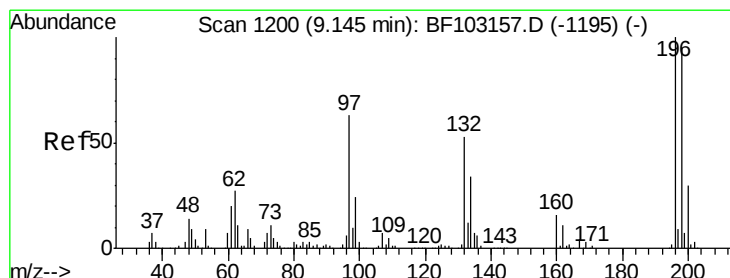
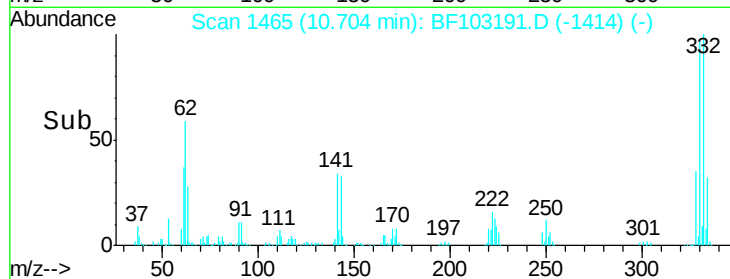
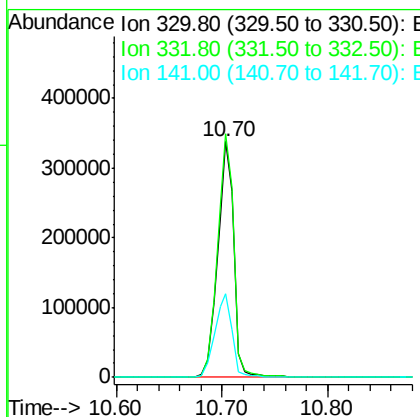
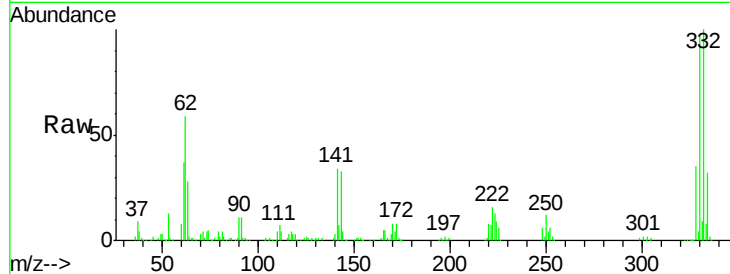
#41
 2,4,6-Tribromophenol
 Concen: 115.448 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	367056		
332	104.1	77.0	115.6	
141	37.9	29.9	44.9	

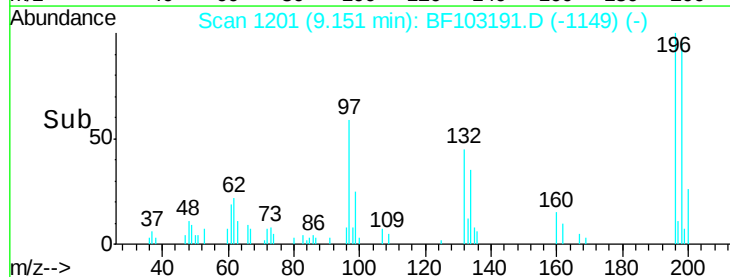
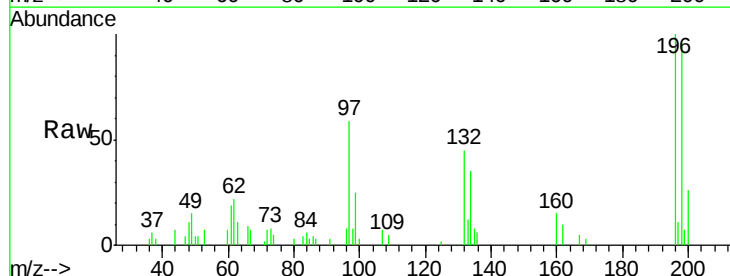
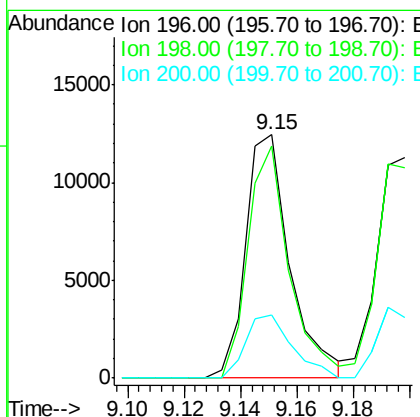
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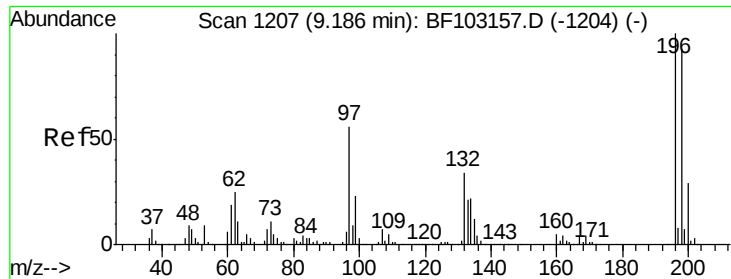
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#42
 2,4,6-Trichlorophenol
 Concen: 1.962 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	13555		
198	95.5	75.7	113.5	
200	26.1	24.5	36.7	





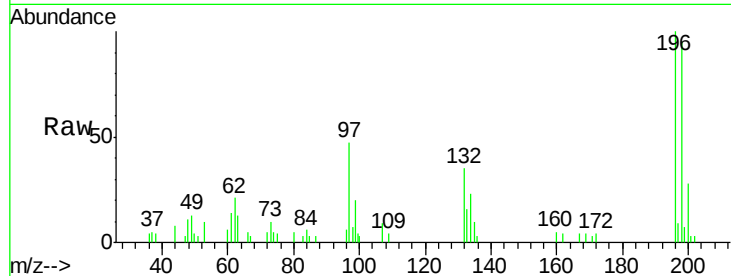
#43
 2,4,5-Trichlorophenol
 Concen: 1.680 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2018

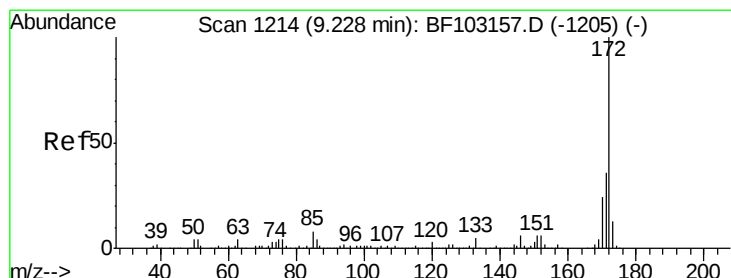
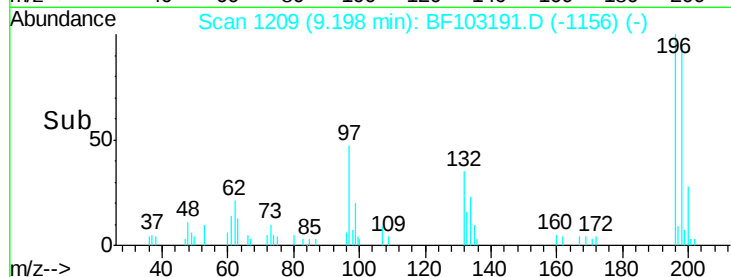
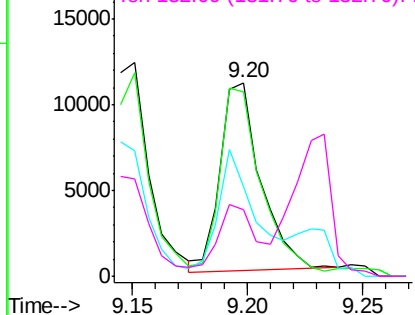
Tgt Ion:	196	Resp:	13348
Ion Ratio	Lower	Upper	
196	100		
198	95.2	74.6	112.0
97	46.6	42.9	64.3
132	34.7	26.3	39.5

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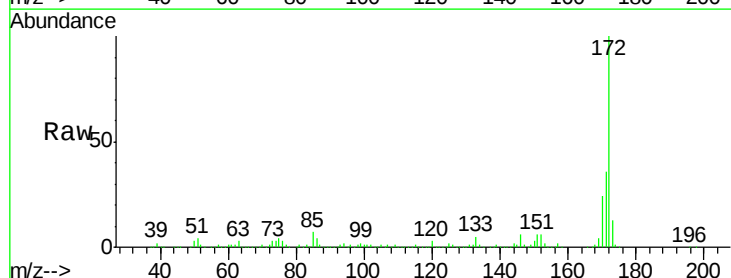


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

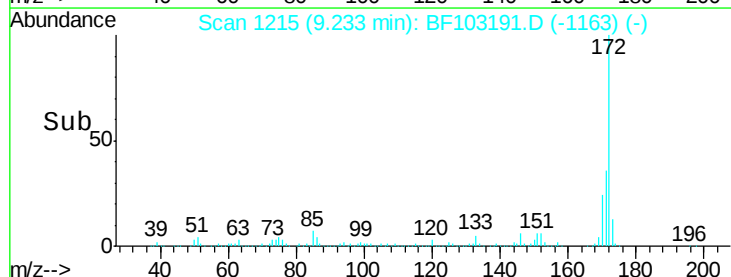
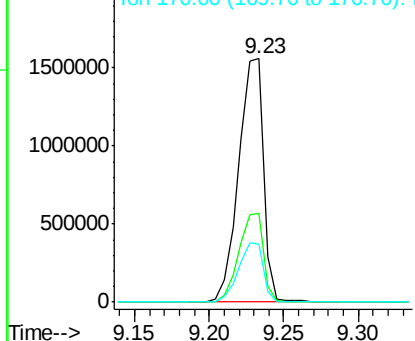


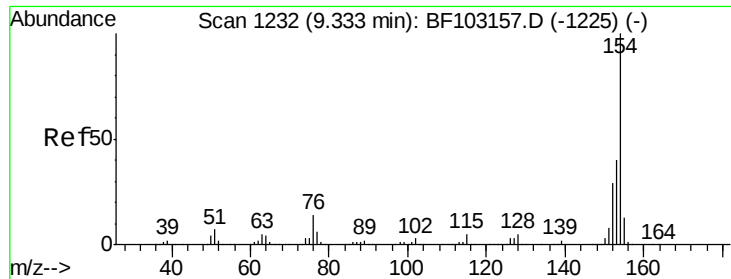
#44
 2-Fluorobiphenyl
 Concen: 82.691 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Tgt Ion:	172	Resp:	1815005
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.7	44.5
170	24.1	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





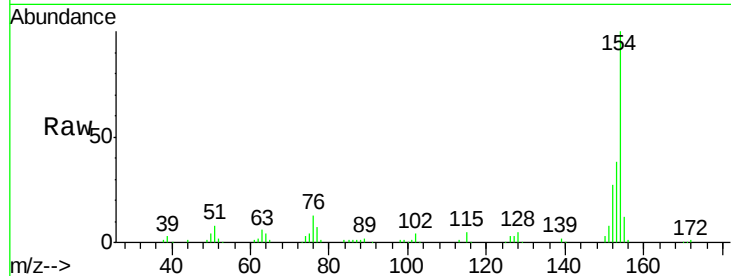
#45
1,1'-Biphenyl
Concen: 2.545 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2018

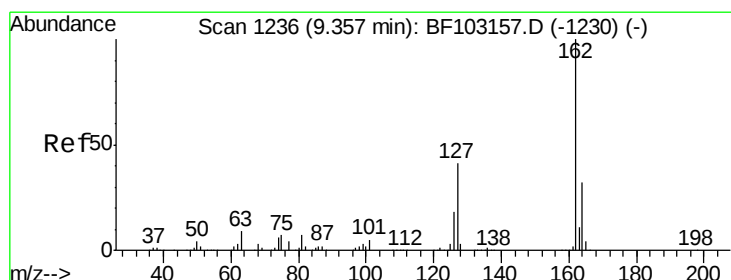
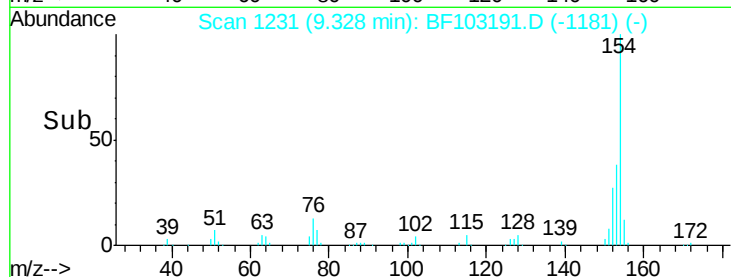
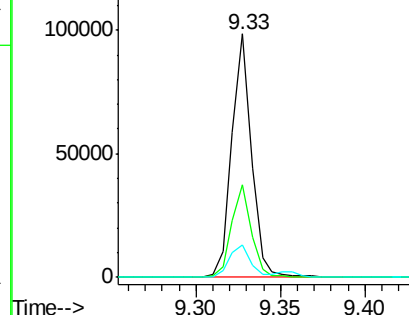
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	80095		
153	38.0	21.3	61.3	
76	13.5	0.0	34.0	

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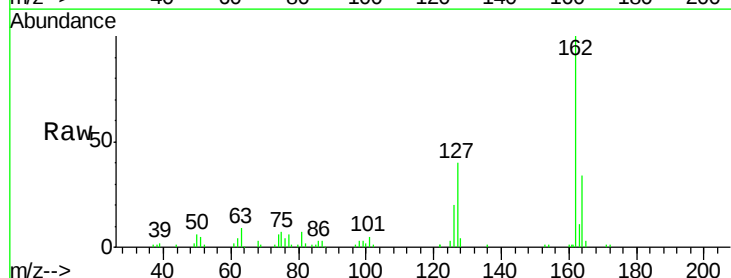


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

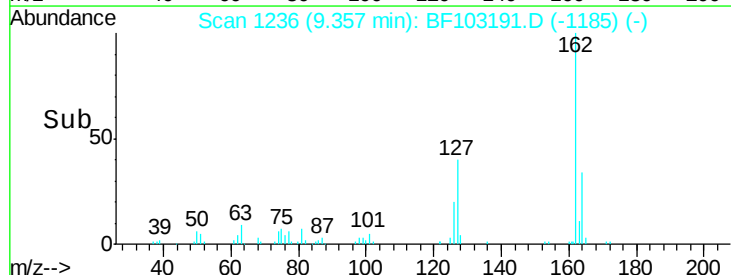
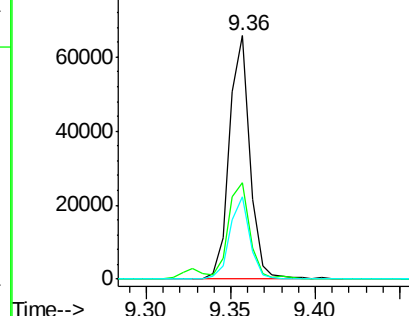


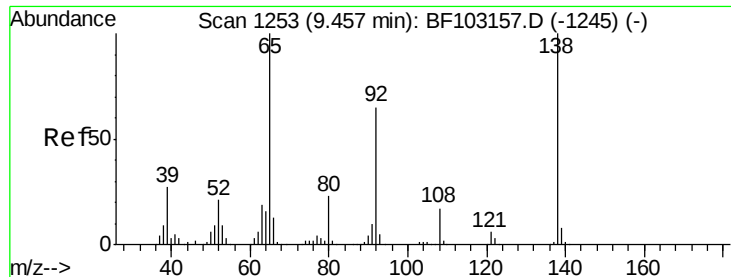
#46
2-Chloronaphthalene
Concen: 2.227 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	55451		
127	39.8	33.9	50.9	
164	34.0	26.5	39.7	



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





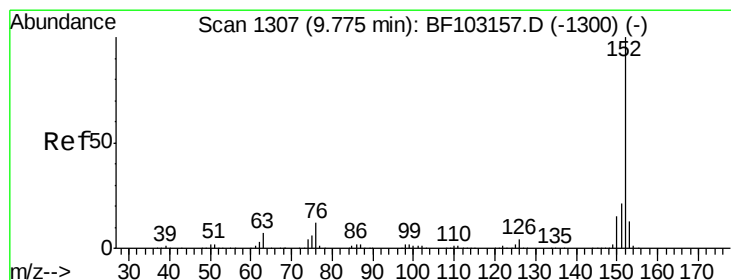
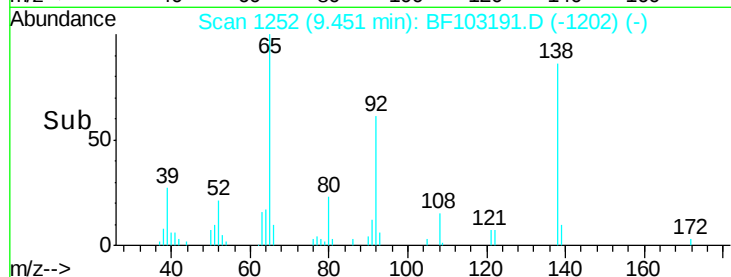
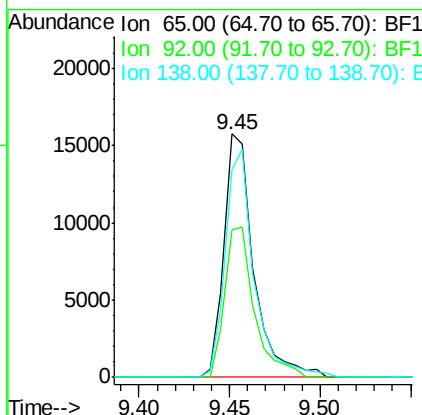
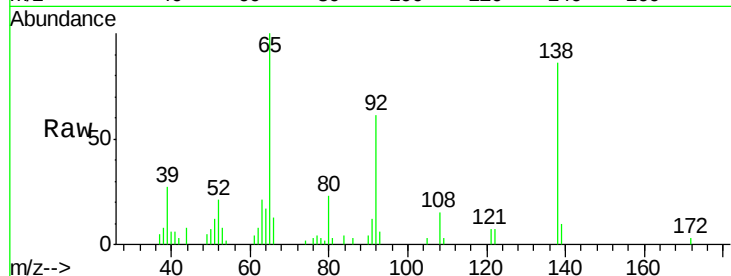
#47
2-Nitroaniline
Concen: 1.959 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.8	55.8	83.6
138	85.6	91.2	136.8

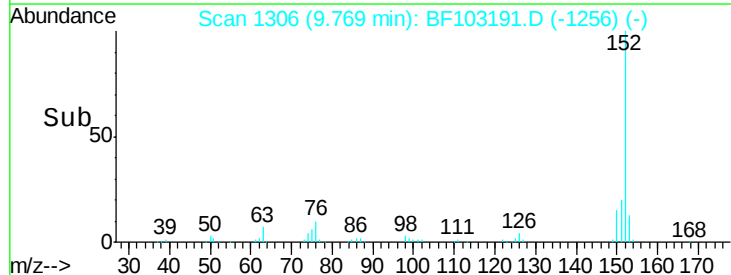
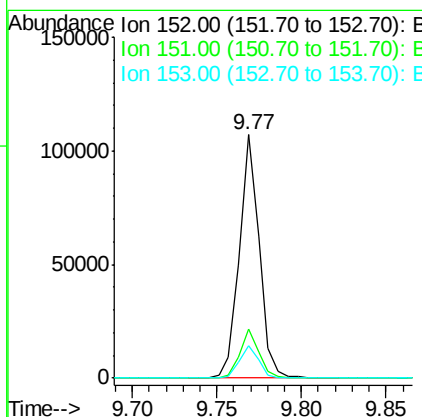
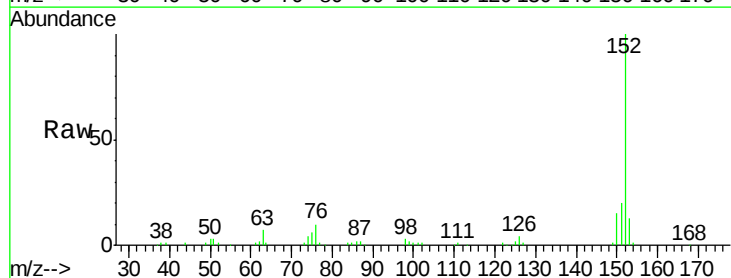
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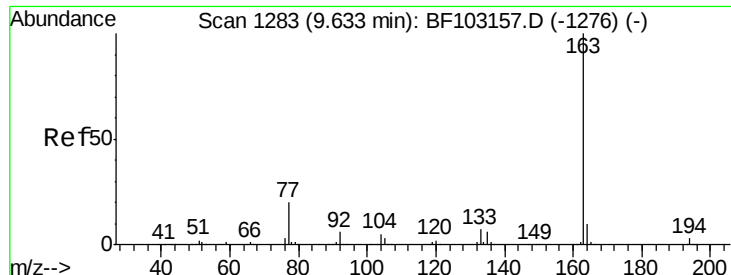
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#48
Acenaphthylene
Concen: 2.285 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	13.2	10.7	16.1





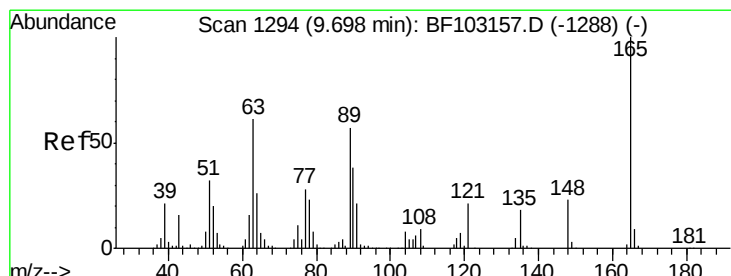
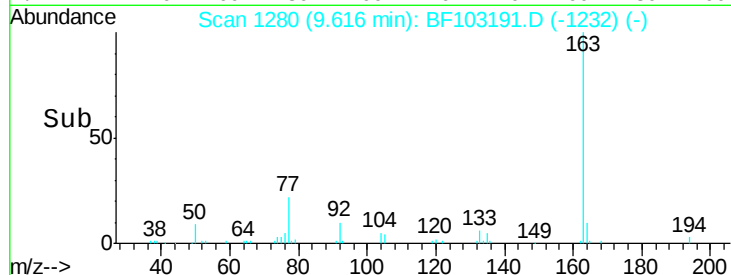
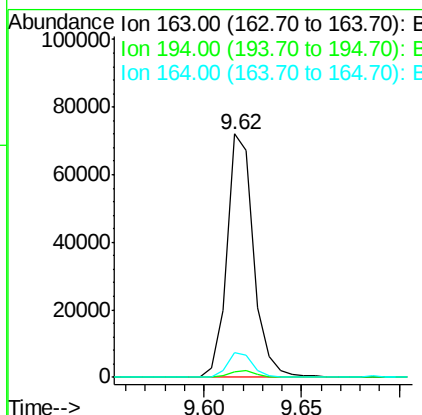
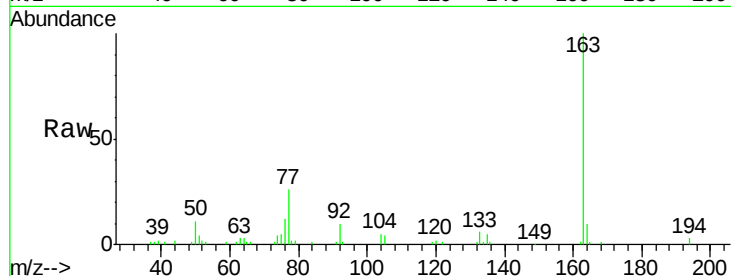
#49
Dimethylphthalate
Concen: 2.252 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	67866		
194	2.5	2.7	4.1#	
164	10.2	8.2	12.2	

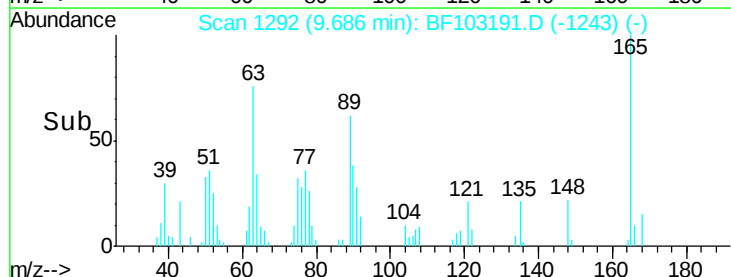
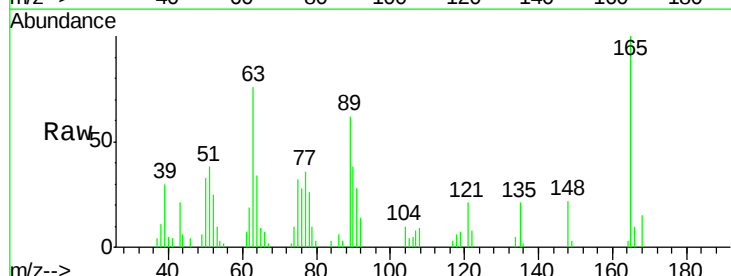
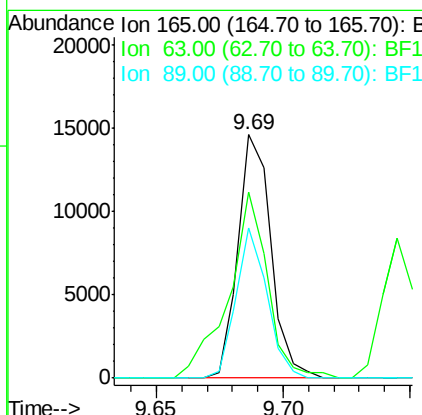
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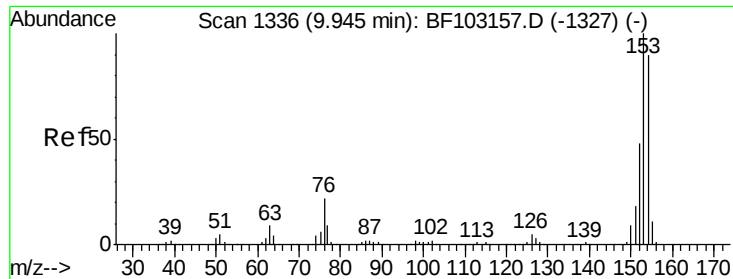
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#50
2,6-Dinitrotoluene
Concen: 2.084 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	13181		
63	76.5	44.7	67.1#	
89	61.5	44.0	66.0	





#51

Acenaphthene

Concen: 2.385 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Instrument :

BNA_F

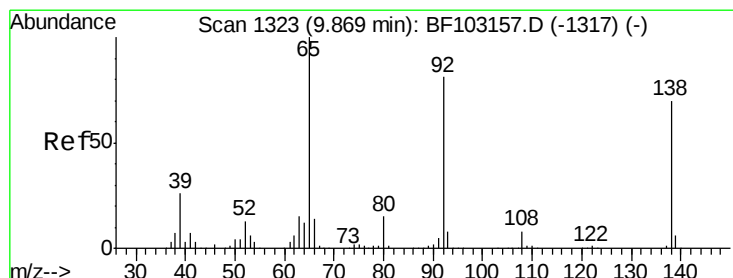
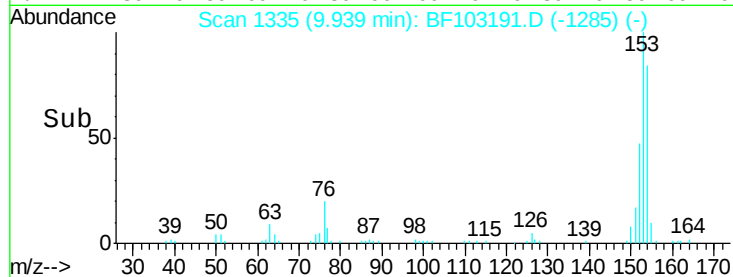
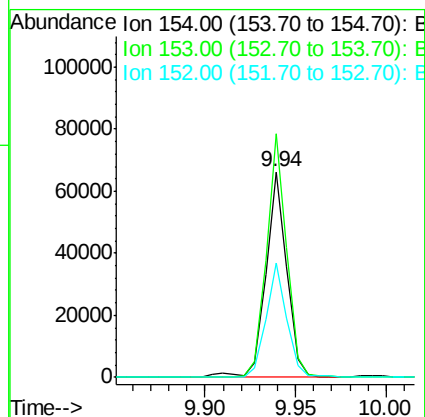
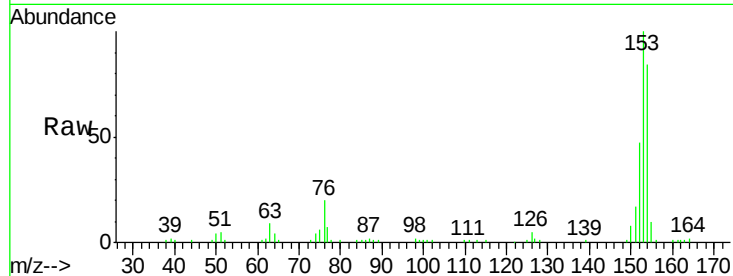
ClientSampleId :

MDL-SOIL-03-QT1-2018

Tgt Ion:	154	Resp:	53272
Ion Ratio	Lower	Upper	
154	100		
153	118.7	91.2	136.8
152	55.6	43.8	65.8

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#52

3-Nitroaniline

Concen: 1.803 ng

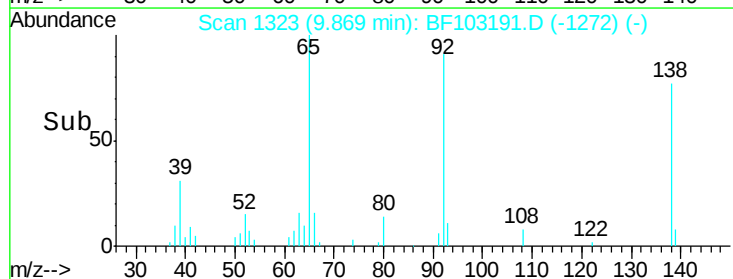
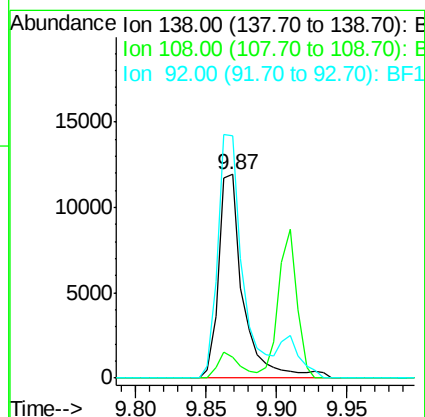
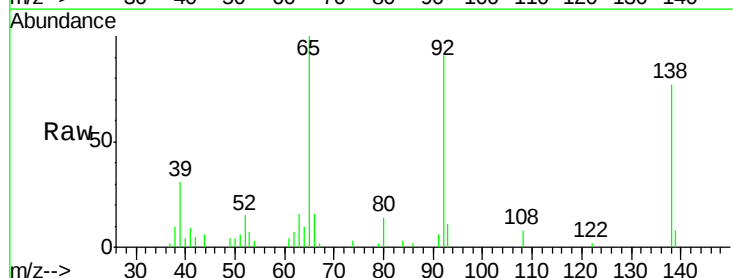
RT: 9.87 min Scan# 1323

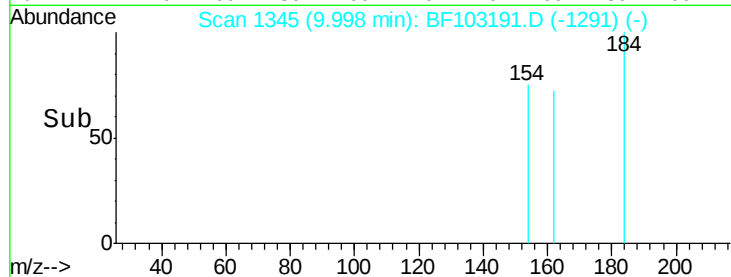
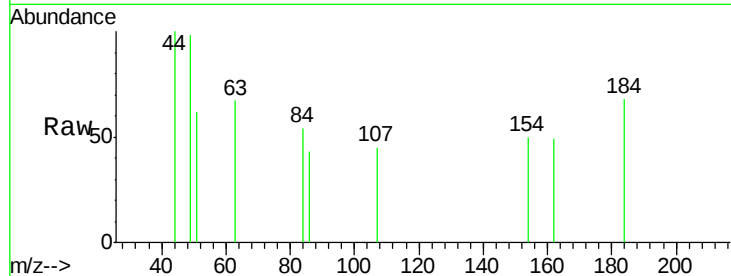
Delta R.T. -0.00 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Tgt Ion:	138	Resp:	14465
Ion Ratio	Lower	Upper	
138	100		
108	10.0	9.4	14.0
92	118.6	89.4	134.2





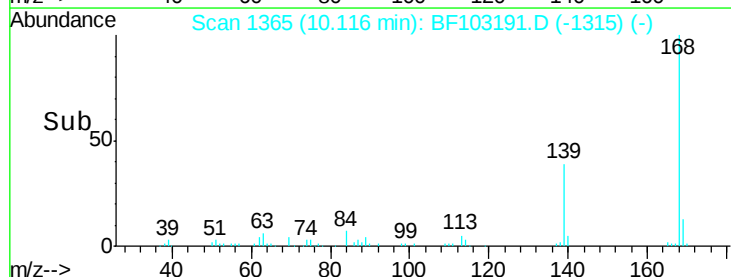
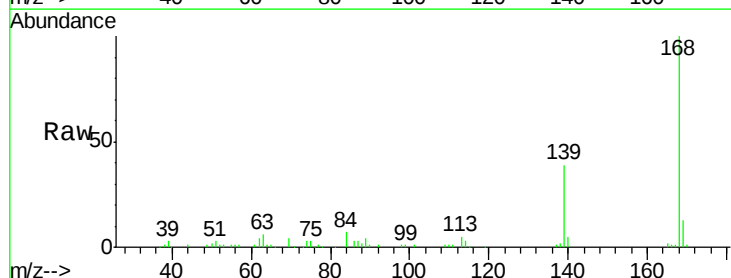
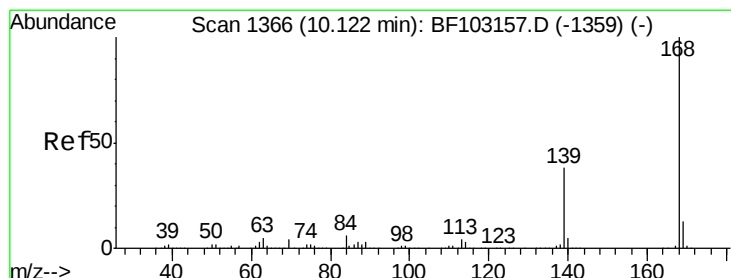
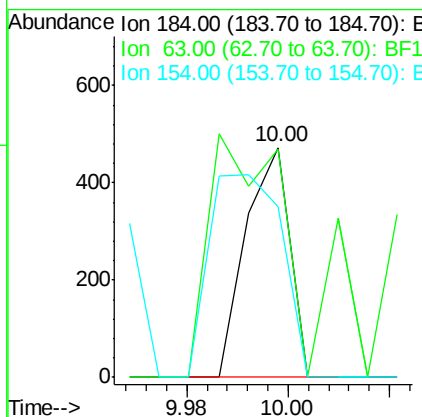
#53
2,4-Dinitrophenol
Concen: 9.731 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.02 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Lower	Upper
184	100		
63	99.6	54.2	81.2#
154	74.6	184.0	276.0#

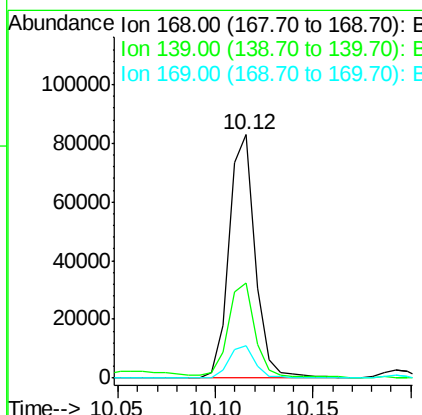
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#54
Dibenzofuran
Concen: 2.521 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.1	45.1
169	13.2	10.9	16.3





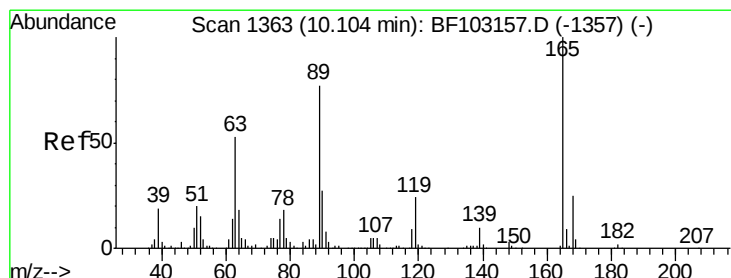
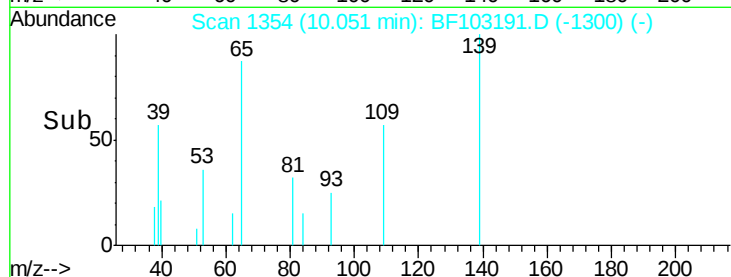
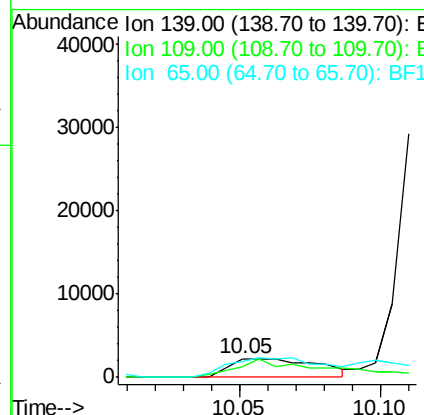
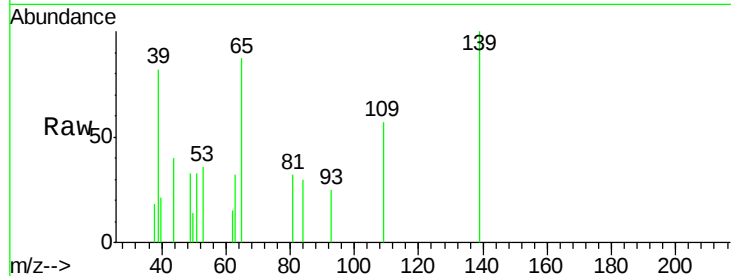
#55
4-Nitrophenol
Concen: 0.964 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.02 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	4795		
109	57.3	48.4	88.4	
65	86.9	72.6	112.6	

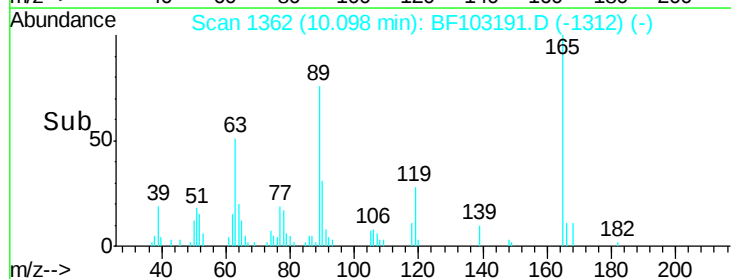
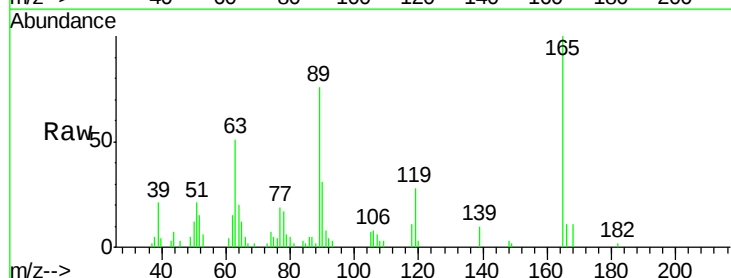
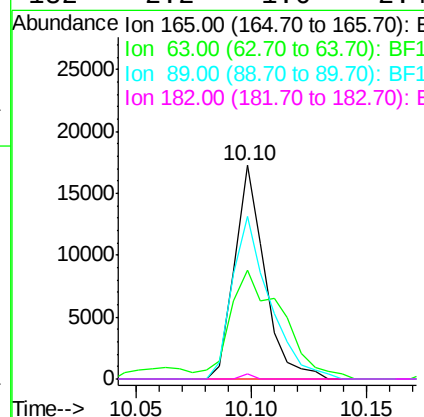
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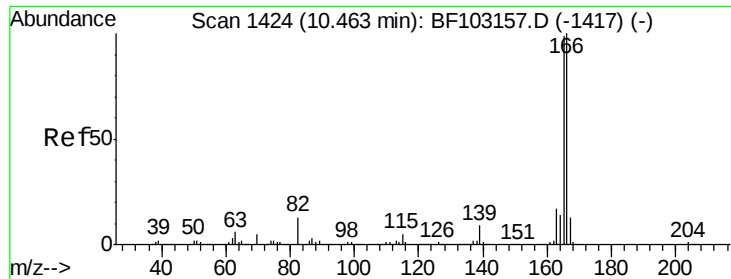
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#56
2,4-Dinitrotoluene
Concen: 1.969 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	15744		
63	50.8	36.4	54.6	
89	76.0	57.8	86.6	
182	2.2	1.6	2.4	





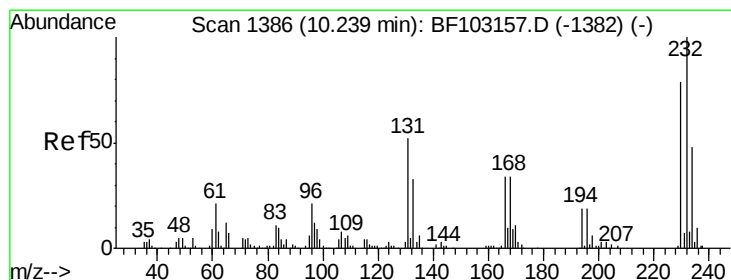
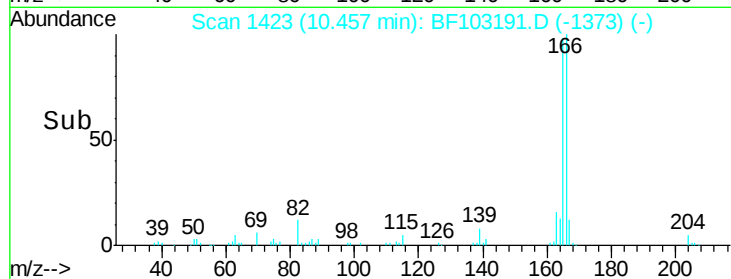
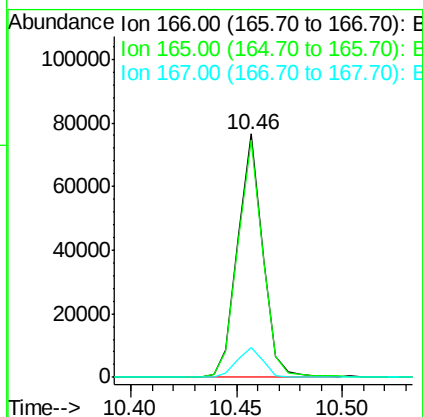
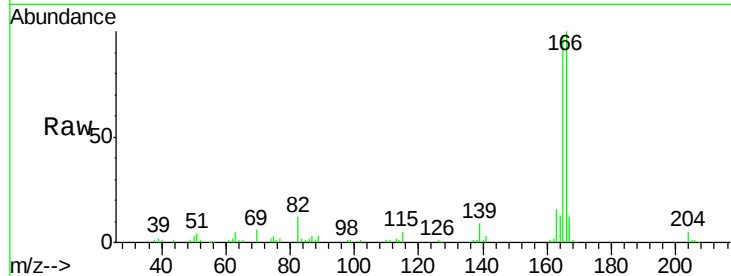
#57
 Fluorene
 Concen: 2.394 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	62534		
165	97.5	79.8	119.8	
167	12.3	10.6	16.0	

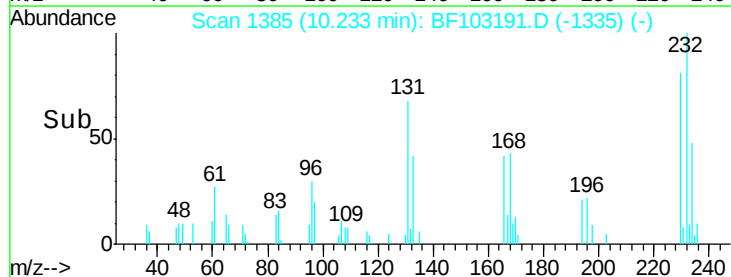
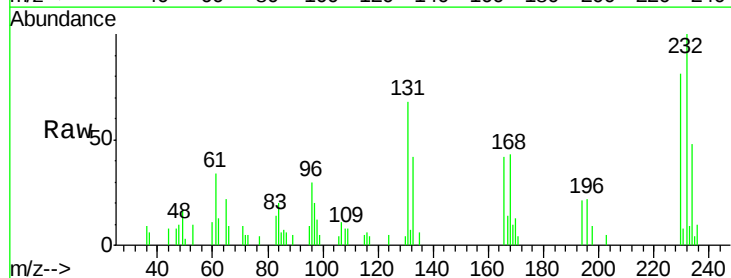
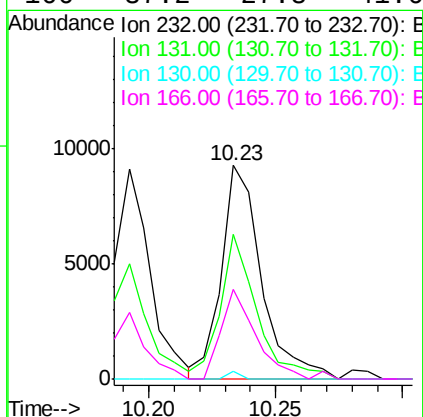
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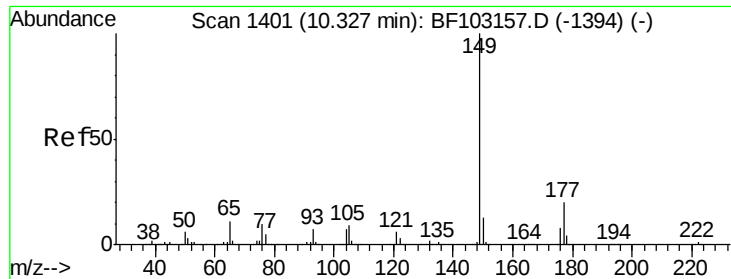
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 1.914 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	10218		
131	61.9	43.8	65.8	
130	1.1	2.1	3.1#	
166	37.2	27.8	41.6	





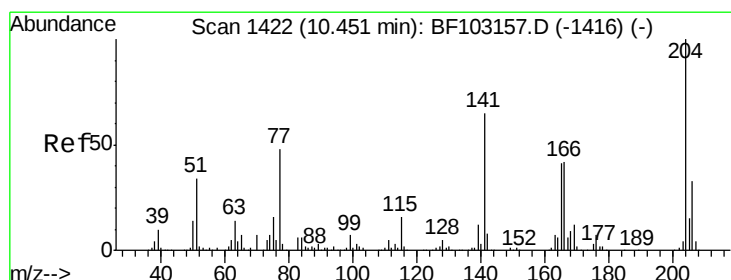
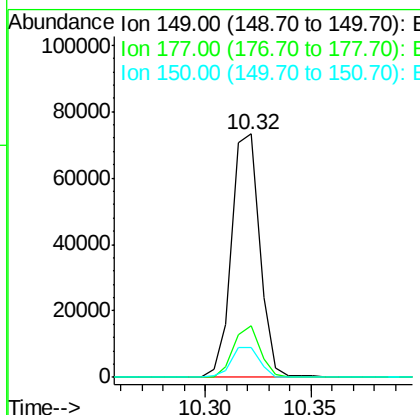
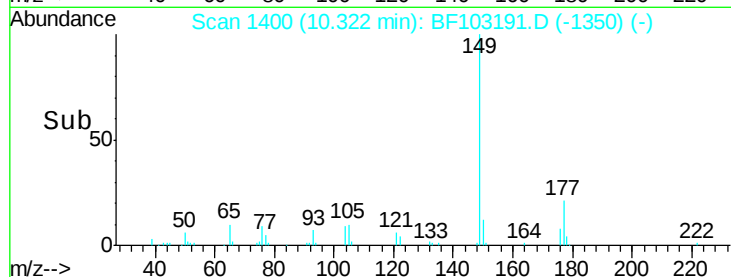
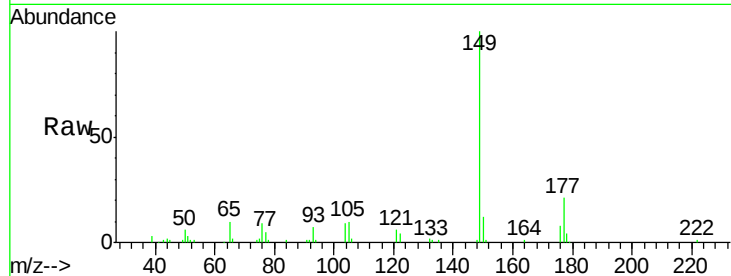
#59
Diethylphthalate
Concen: 2.337 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.1	24.1
150	12.4	10.1	15.1

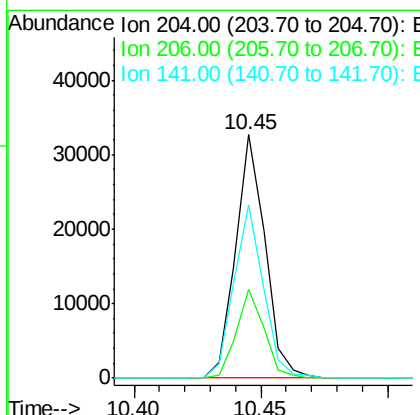
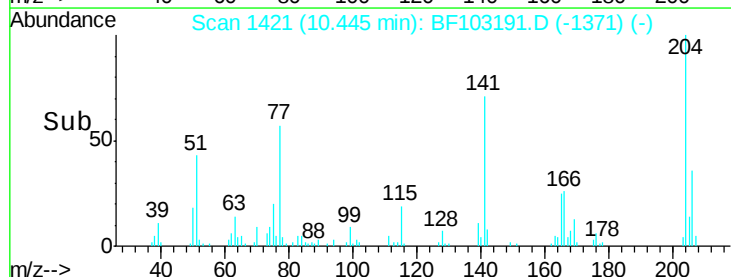
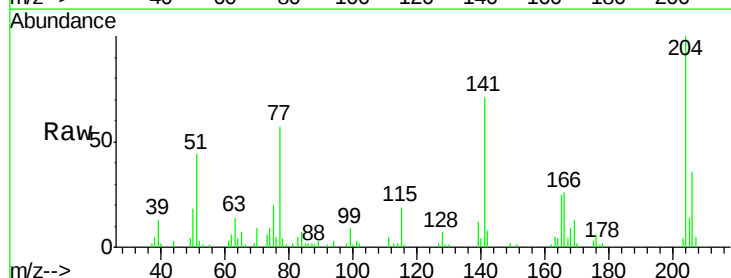
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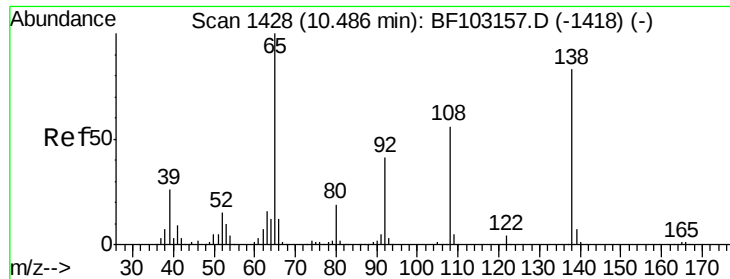
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#60
4-Chlorophenyl-phenylether
Concen: 2.380 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.5	26.5	39.7
141	71.4	54.6	81.8





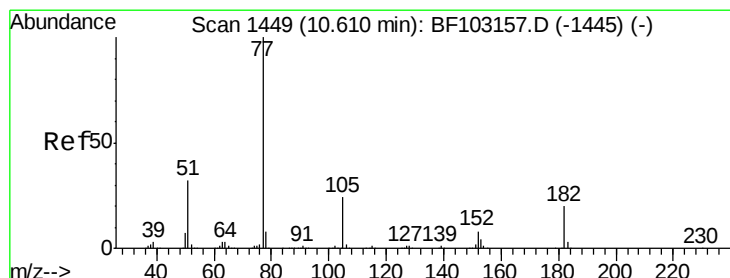
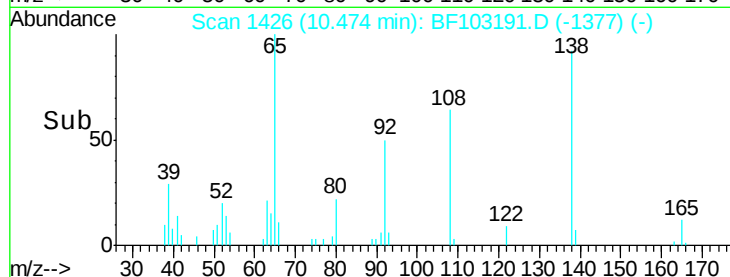
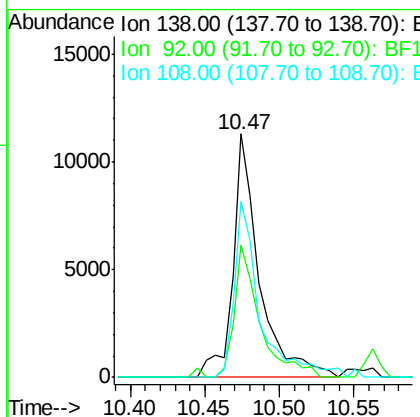
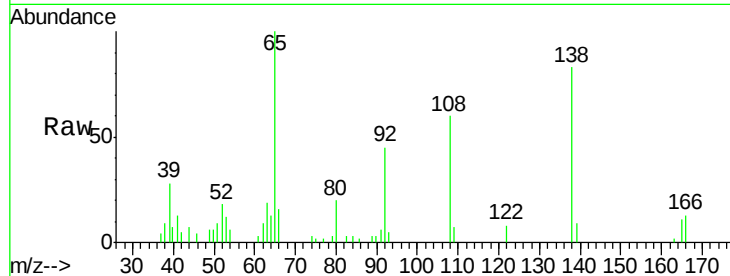
#61
4-Nitroaniline
Concen: 1.757 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.3	30.2	70.2
108	72.2	52.5	92.5

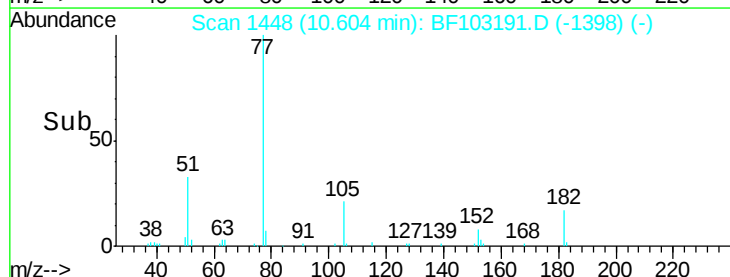
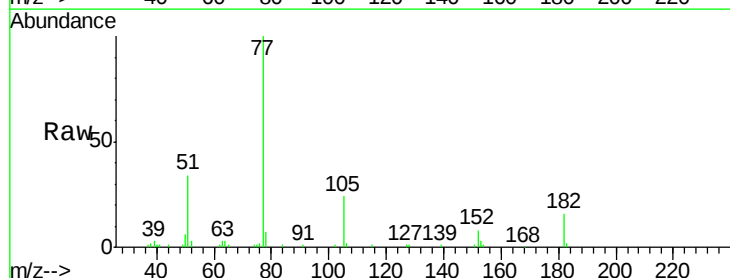
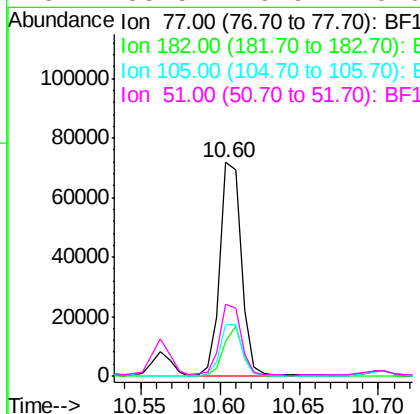
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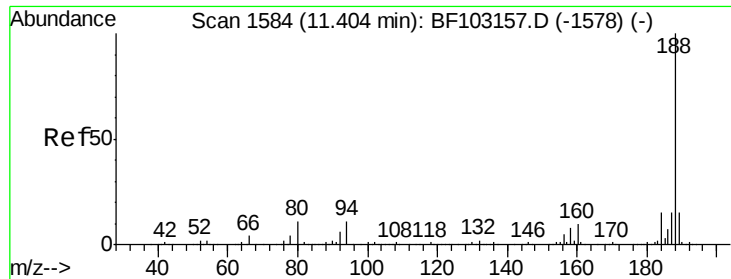
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#62
Azobenzene
Concen: 2.322 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	16.4	1.7	41.7
105	24.0	3.0	43.0
51	33.5	9.9	49.9





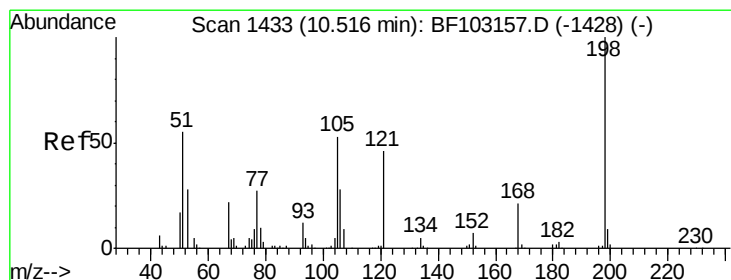
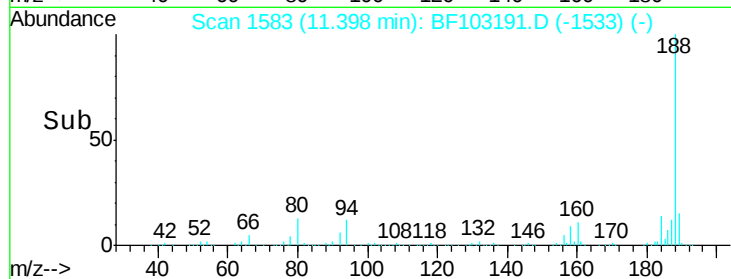
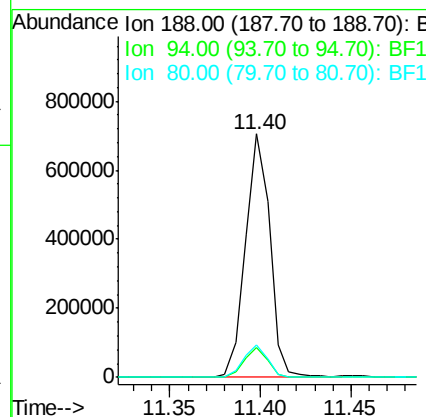
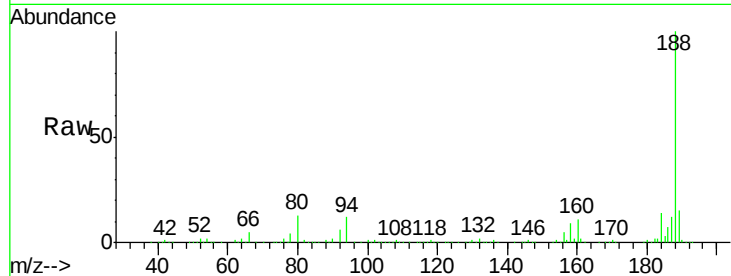
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2018

Tgt Ion:	188	Resp:	660654
Ion Ratio	Lower	Upper	
188	100		
94	12.2	8.5	12.7
80	13.2	9.2	13.8

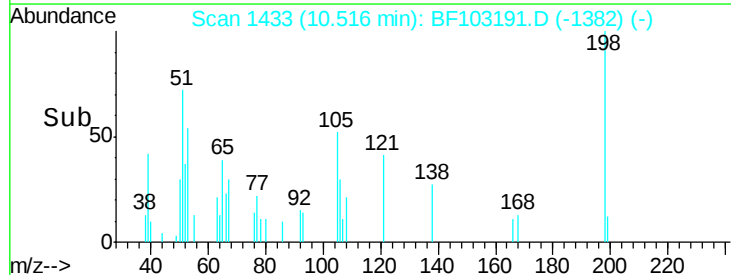
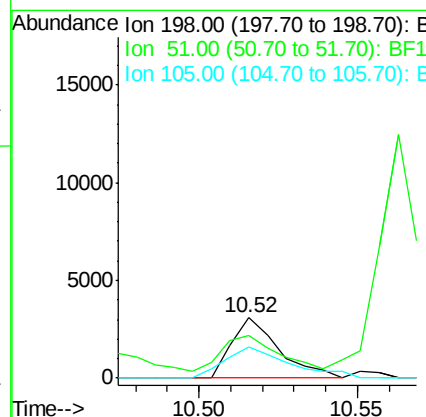
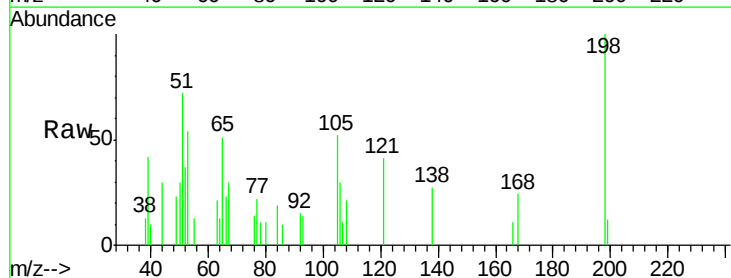
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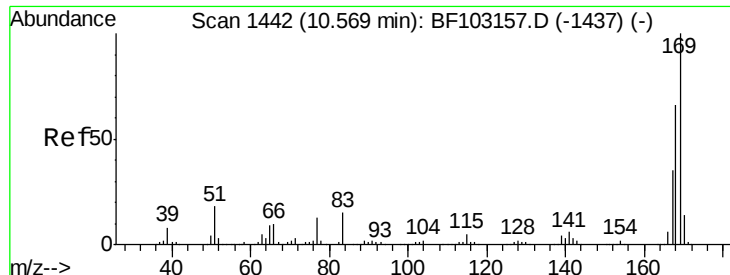
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.654 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Tgt Ion:	198	Resp:	3177
Ion Ratio	Lower	Upper	
198	100		
51	71.6	37.7	77.7
105	52.1	36.3	76.3





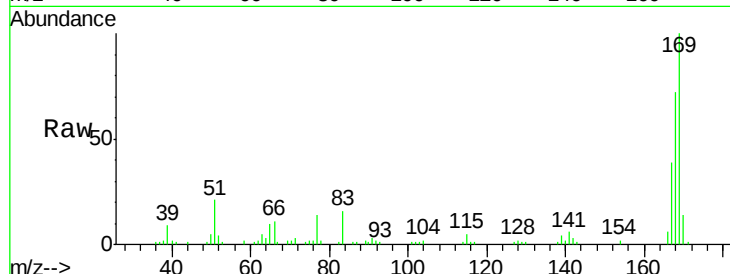
#65
 n-Nitrosodiphenylamine
 Concen: 2.252 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2018

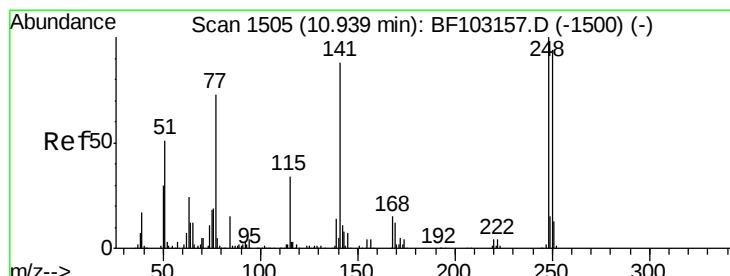
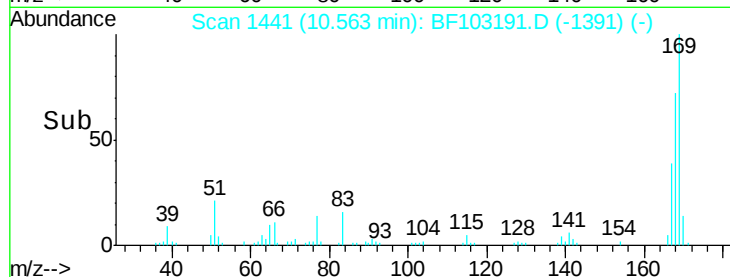
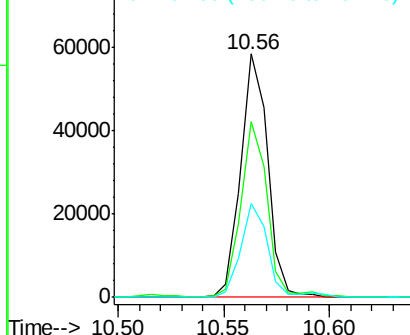
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	51795		
168	72.2		54.4	81.6
167	38.7		29.8	44.6

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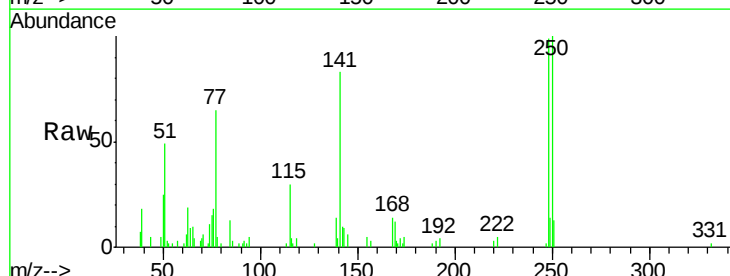


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

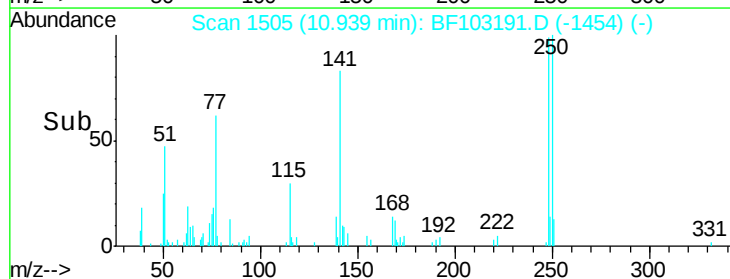
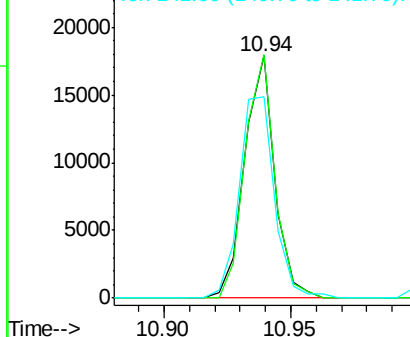


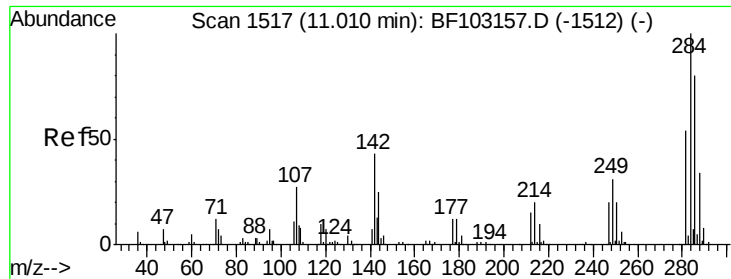
#66
 4-Bromophenyl-phenylether
 Concen: 2.159 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	14857		
250	100.6		76.9	115.3
141	83.1		74.4	111.6



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





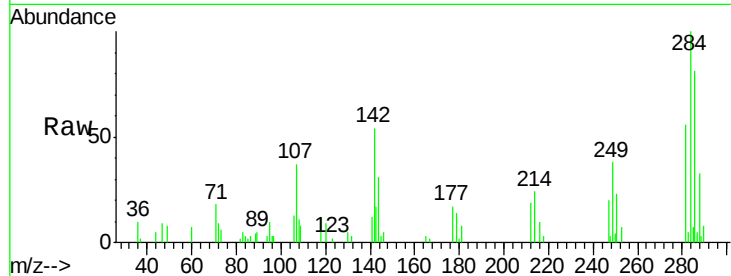
#67
Hexachlorobenzene
Concen: 2.157 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2018

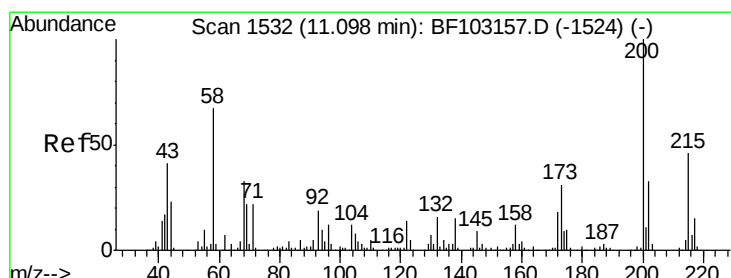
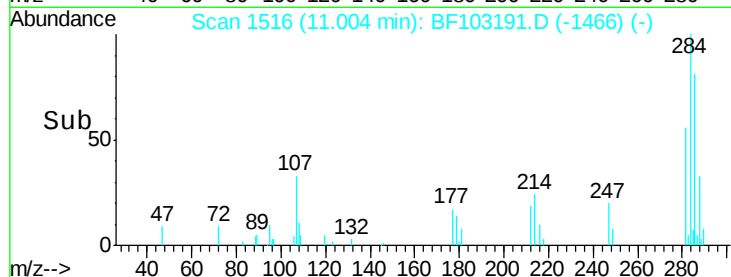
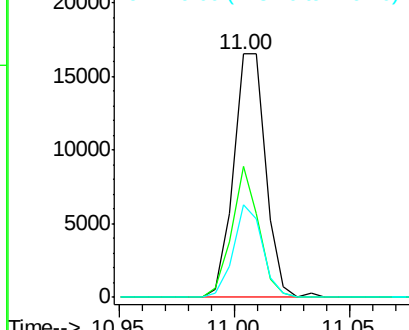
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	16111		
142	54.0	34.6	52.0#	
249	38.3	24.8	37.2#	

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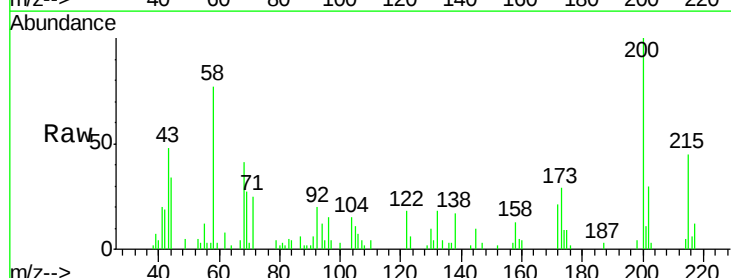


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

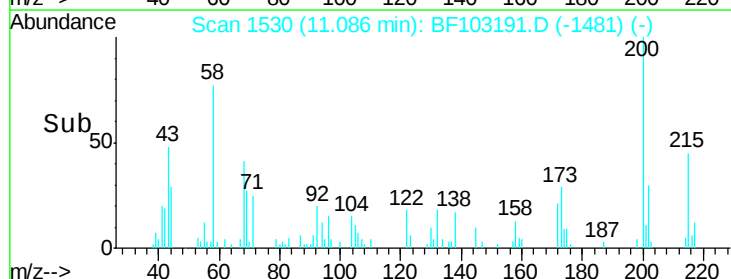
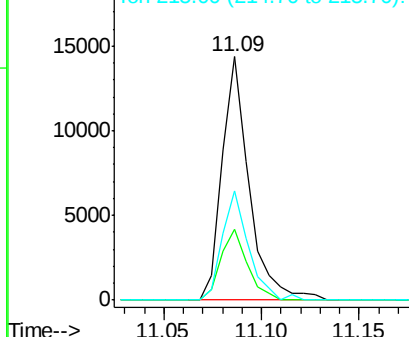


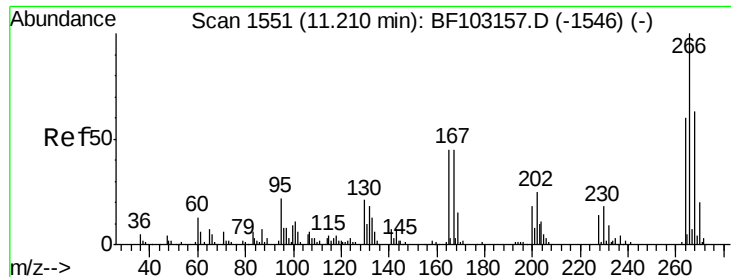
#68
Atrazine
Concen: 1.998 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	13811		
173	28.8	8.6	48.6	
215	44.7	25.1	65.1	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





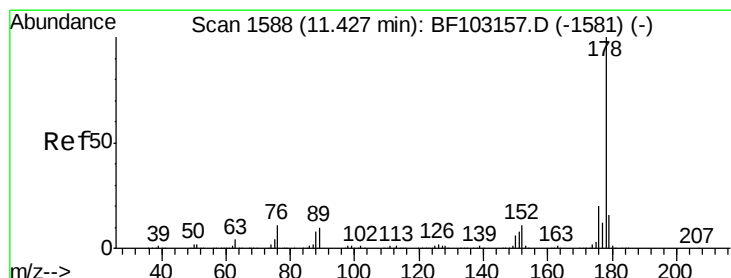
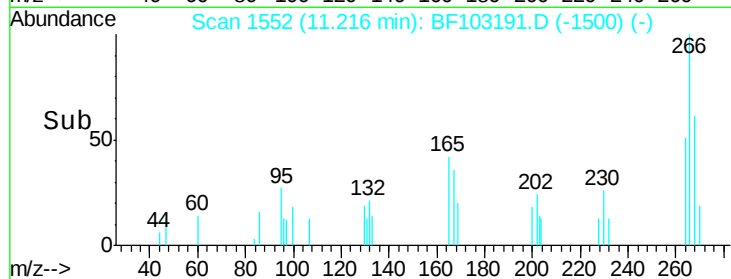
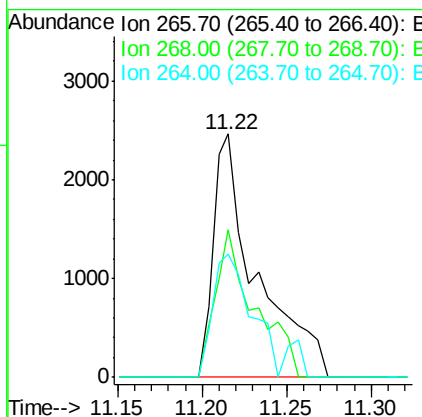
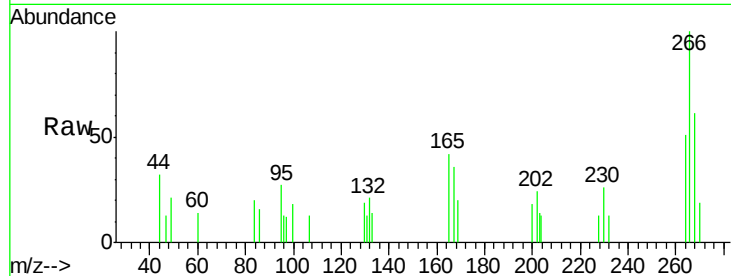
#69
 Pentachlorophenol
 Concen: 1.216 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.6	51.1	76.7
264	50.8	49.5	74.3

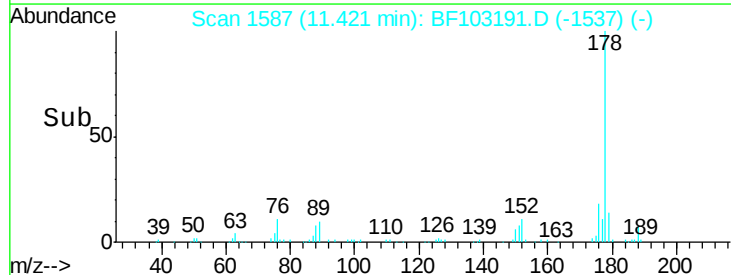
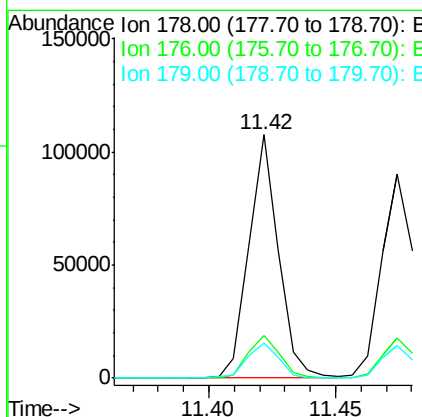
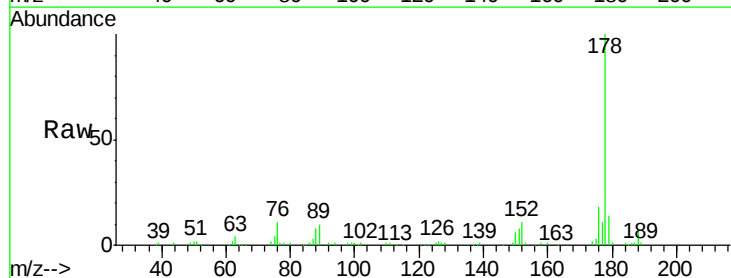
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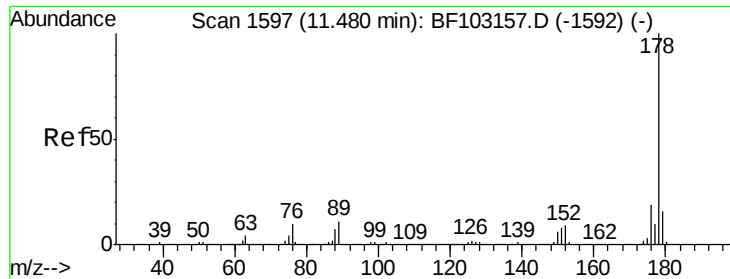
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#70
 Phenanthrene
 Concen: 2.419 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.8	23.8
179	14.2	13.0	19.6





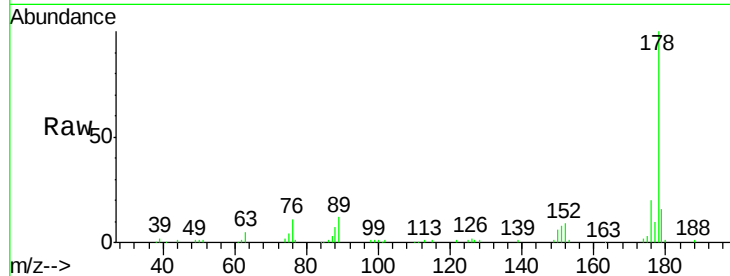
#71
 Anthracene
 Concen: 2.306 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2018

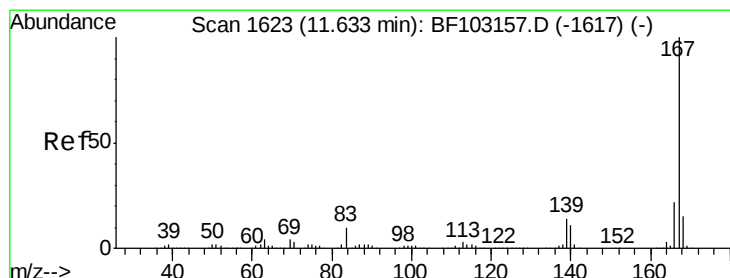
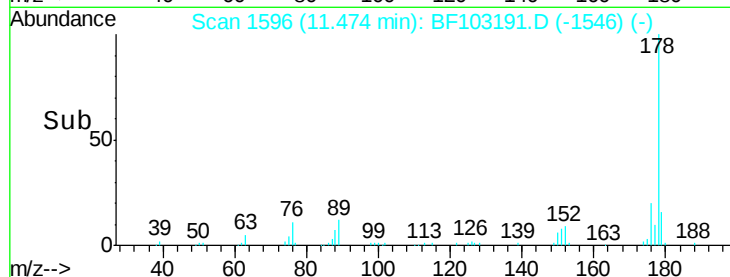
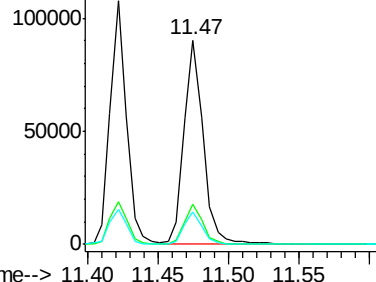
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	16.0	12.6	19.0

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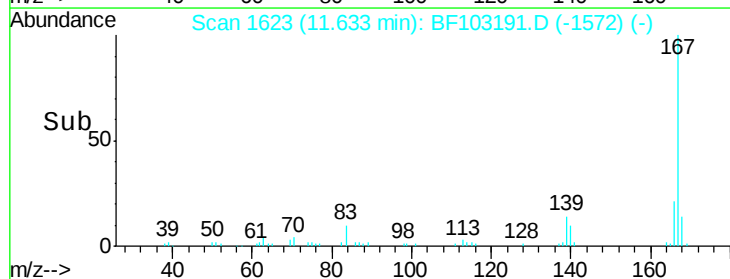
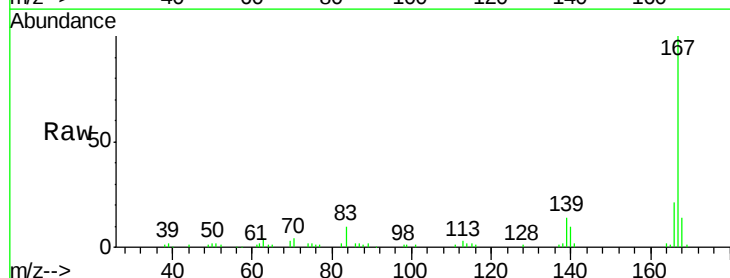
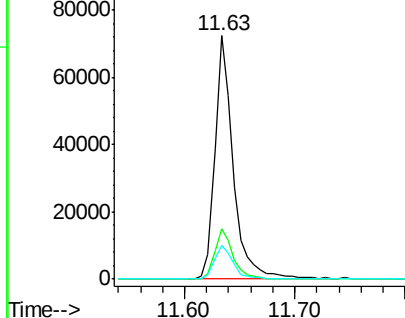
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

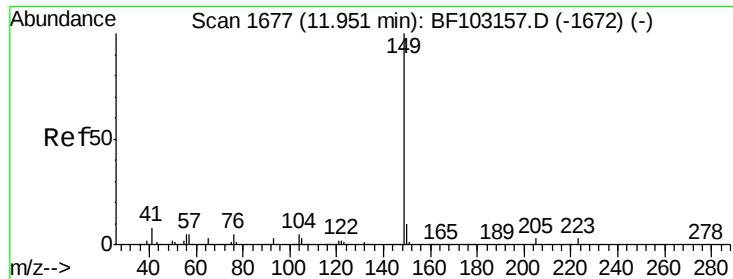


#72
 Carbazole
 Concen: 2.232 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.6	26.4
139	14.0	10.9	16.3

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 2.251 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Instrument :

BNA_F

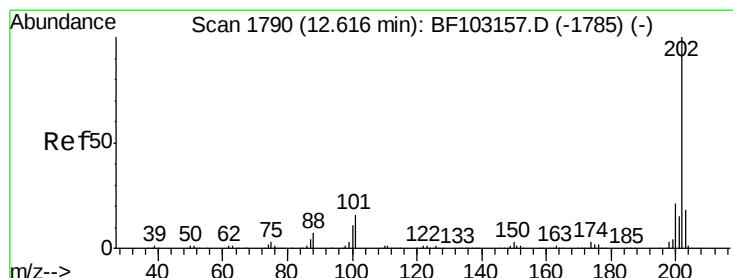
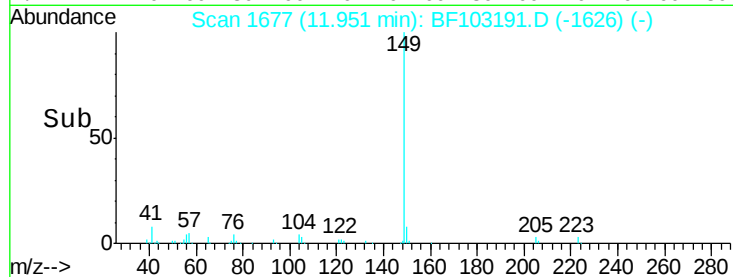
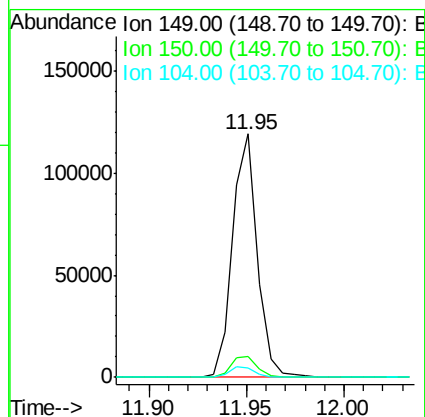
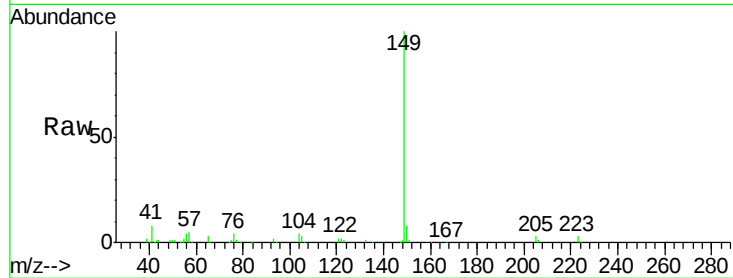
ClientSampleId :

MDL-SOIL-03-QT1-2018

Tgt Ion:	149	Resp:	104579
Ion Ratio	Lower	Upper	
149	100		
150	8.4	7.8	11.6
104	4.0	3.8	5.8

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#74

Fluoranthene

Concen: 2.283 ng

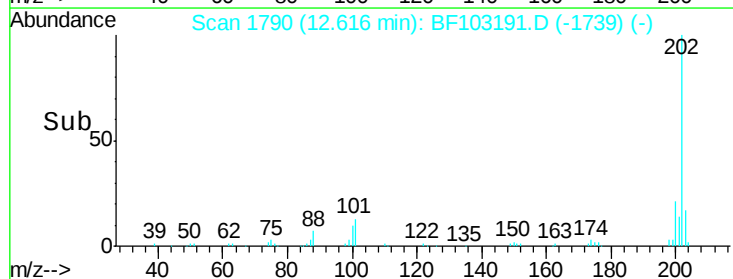
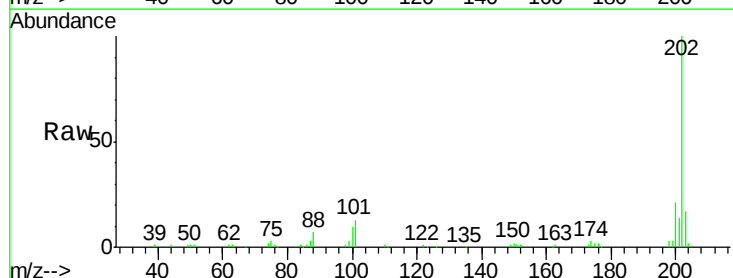
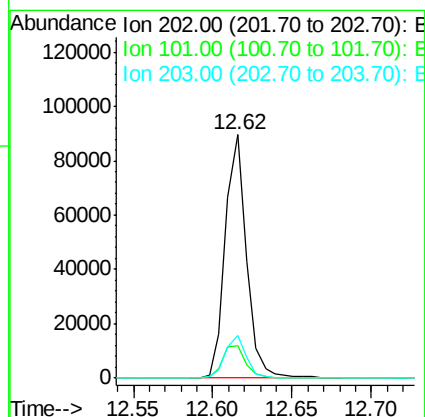
RT: 12.62 min Scan# 1790

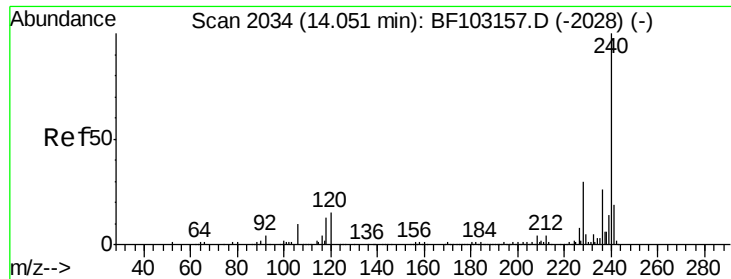
Delta R.T. -0.00 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Tgt Ion:	202	Resp:	83419
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	34.1
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Instrument :

BNA_F

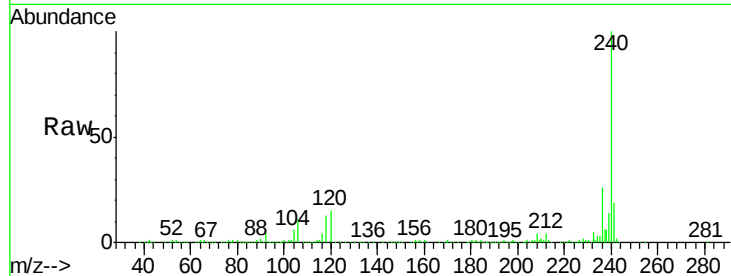
ClientSampleId :

MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	485704		
120	15.2	9.5	14.3#	
236	26.4	20.7	31.1	

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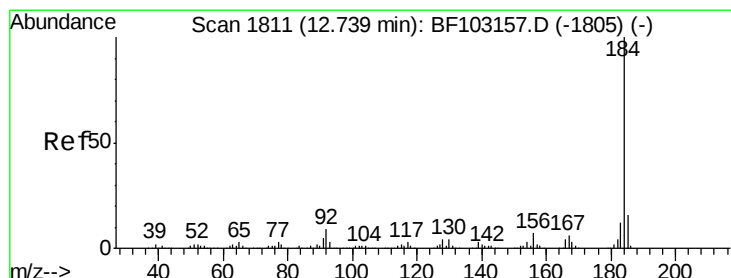
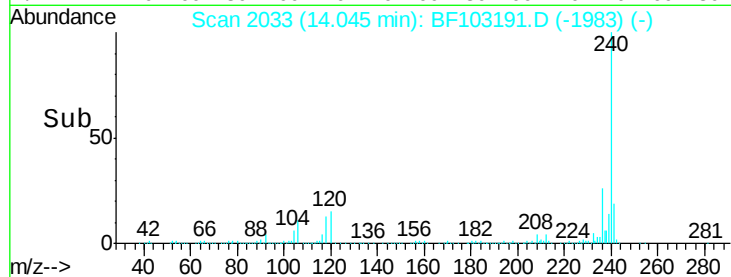
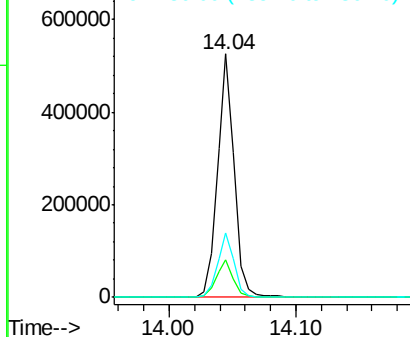
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 1.018 ng

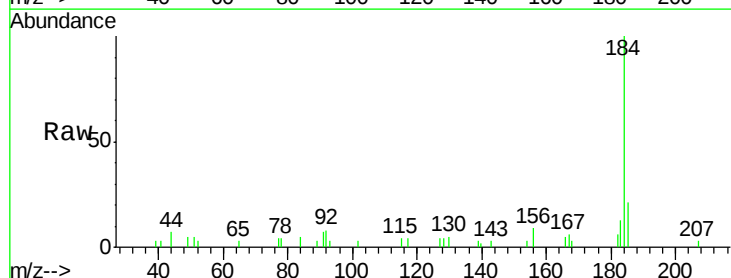
RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

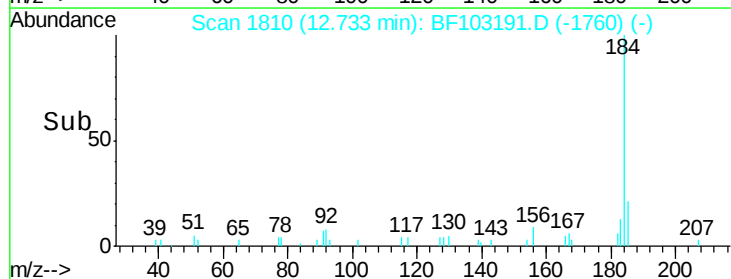
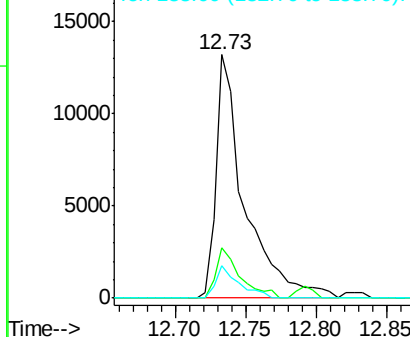
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	18487		
185	20.9	12.6	18.8#	
183	13.1	9.3	13.9	

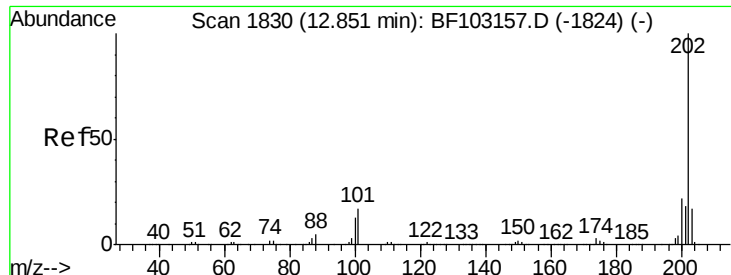


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





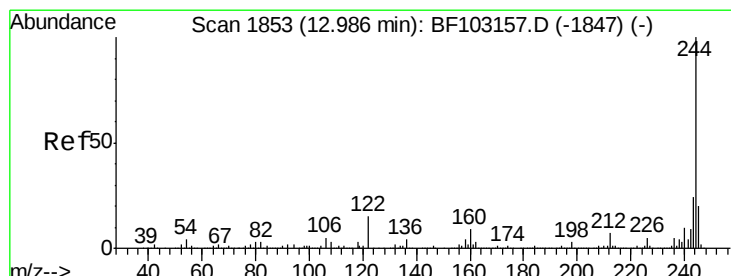
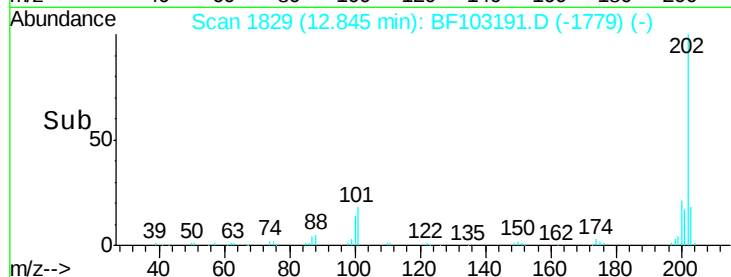
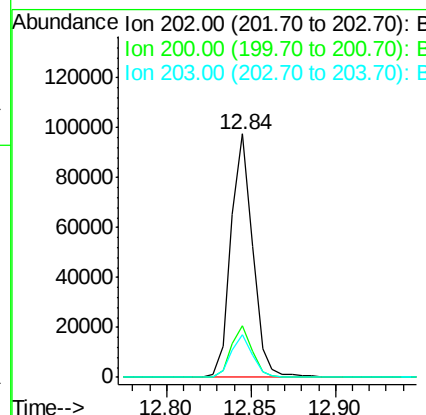
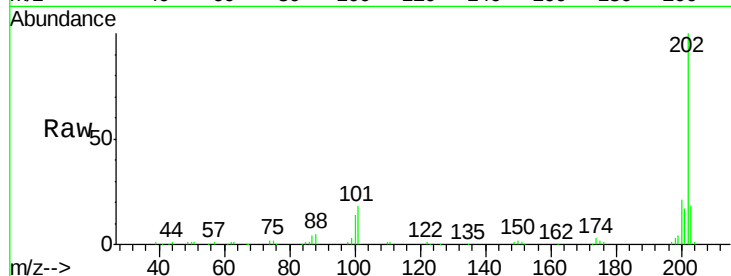
#77
 Pyrene
 Concen: 2.305 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	87282		
200	21.4		17.4	26.2
203	17.6		14.3	21.5

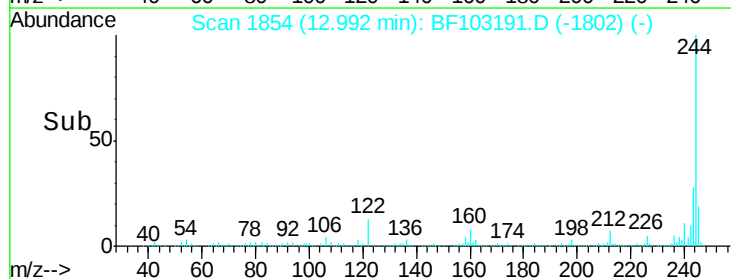
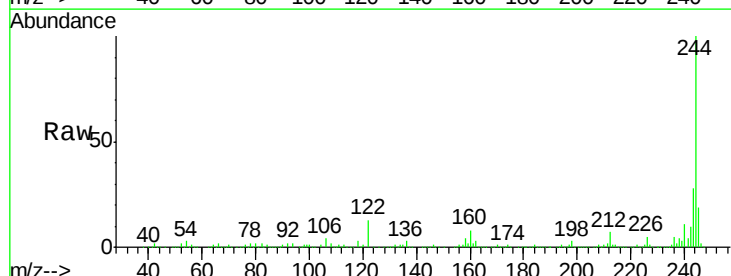
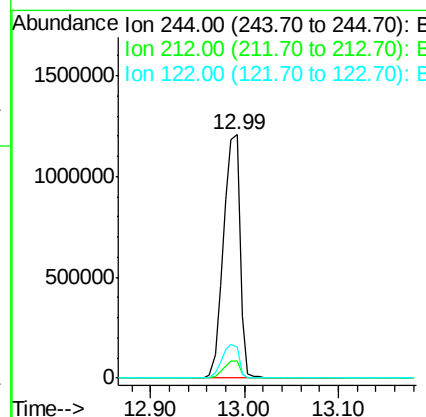
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#78
 Terphenyl-d14
 Concen: 73.960 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1494371		
212	7.0		5.4	8.0
122	12.7		11.0	16.4





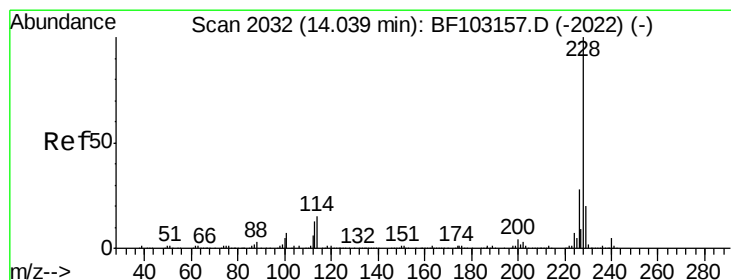
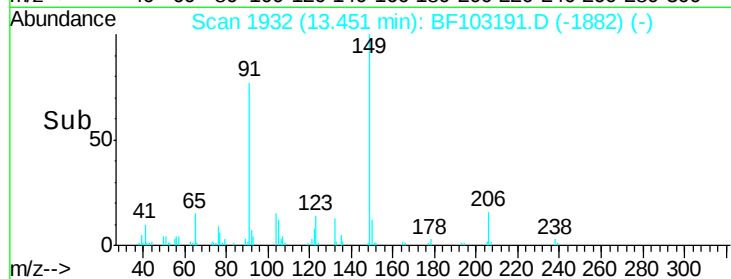
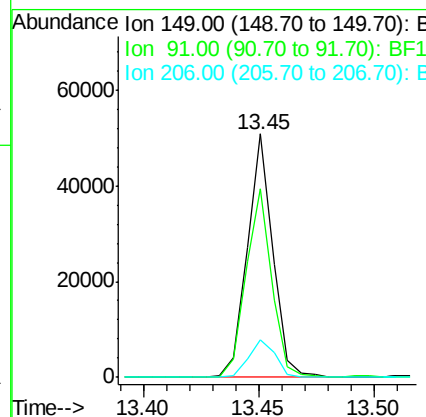
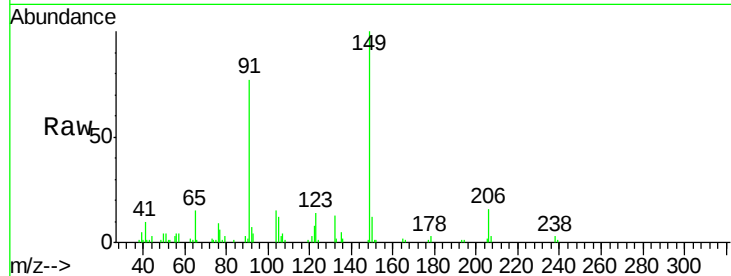
#79
Butylbenzylphthalate
Concen: 1.959 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	77.3	56.8	85.2
206	15.7	14.1	21.1

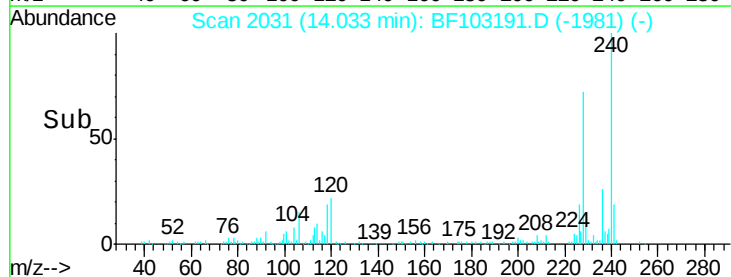
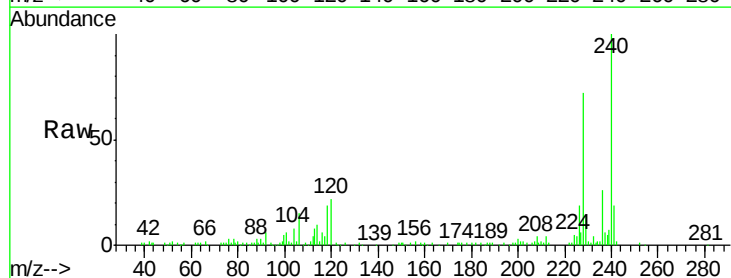
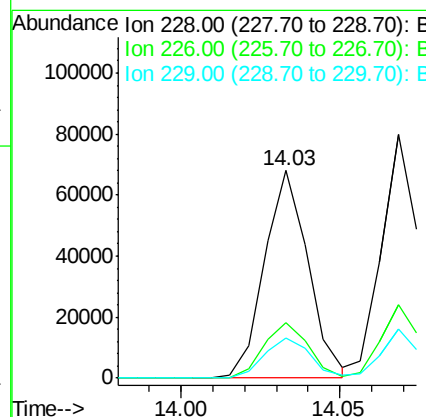
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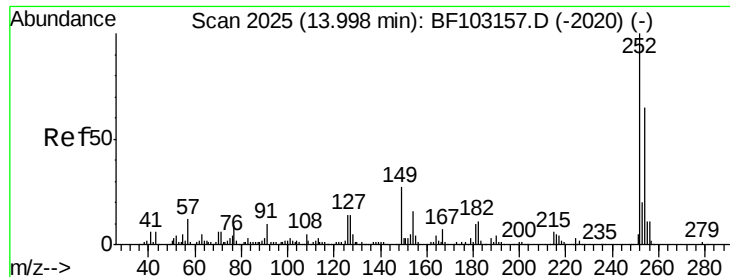
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#80
Benzo(a)anthracene
Concen: 2.067 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	26.5	22.6	33.8
229	19.2	15.8	23.6





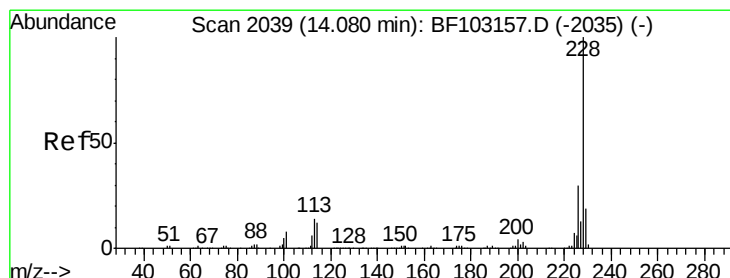
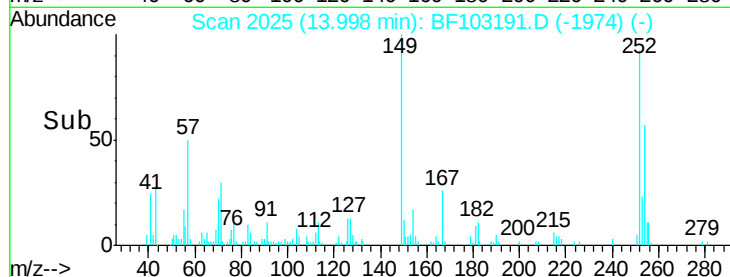
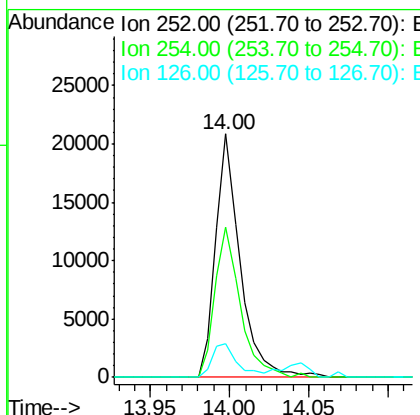
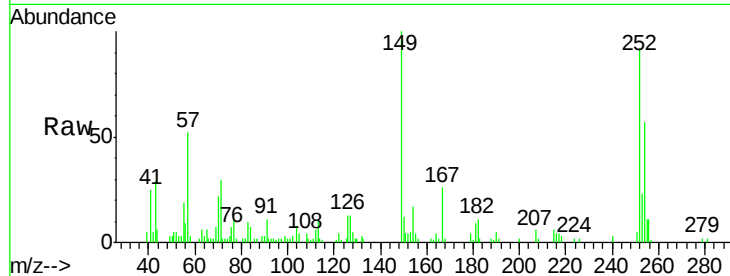
#81
 3,3'-Dichlorobenzidine
 Concen: 2.008 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	22580		
254	61.7	50.4	75.6	
126	13.6	11.3	16.9	

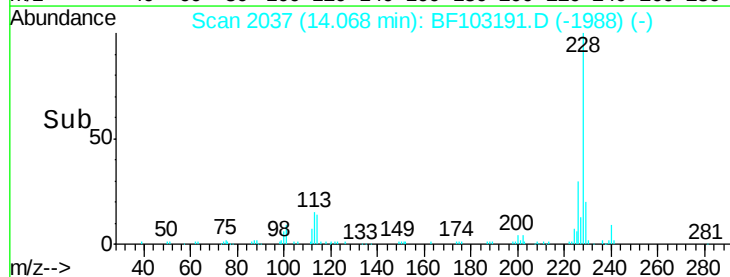
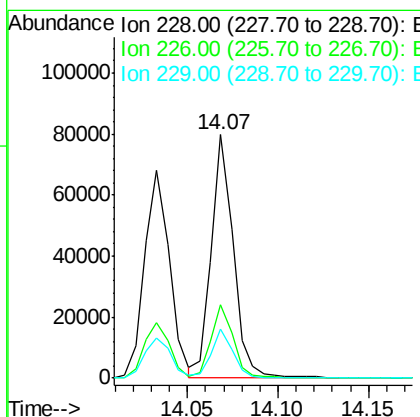
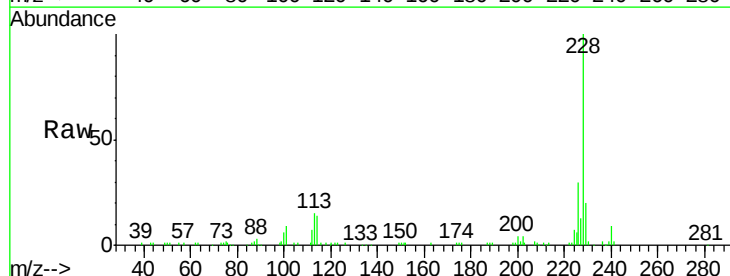
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#82
 Chrysene
 Concen: 2.226 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	68109		
226	30.0	25.0	37.6	
229	19.9	16.2	24.4	





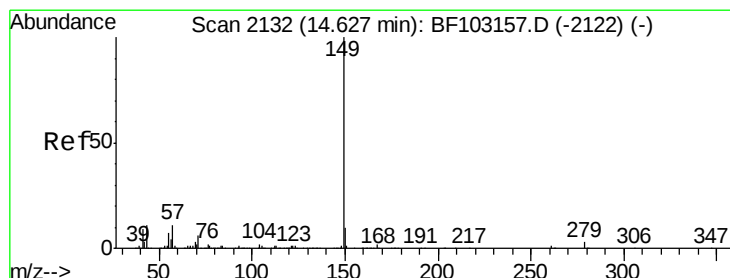
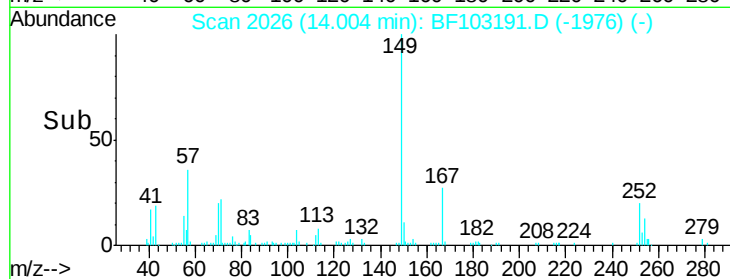
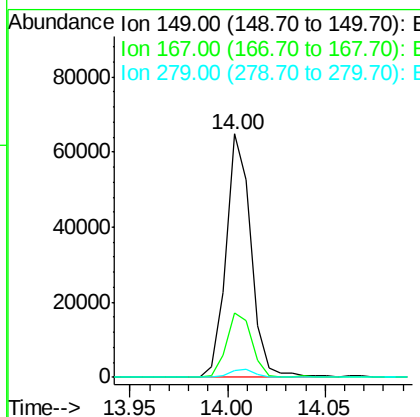
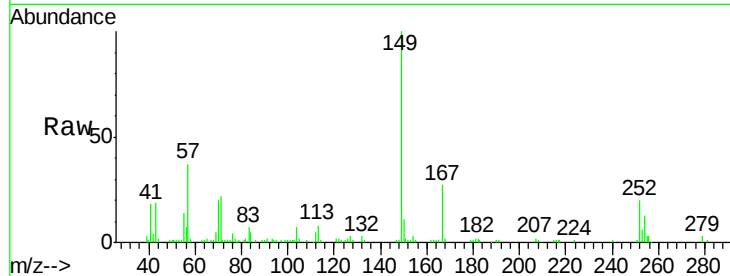
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.128 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	2.8	3.0	4.4#

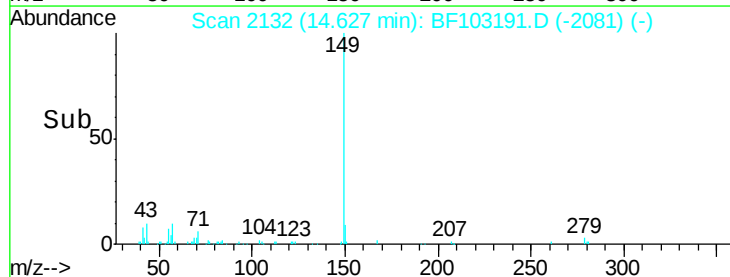
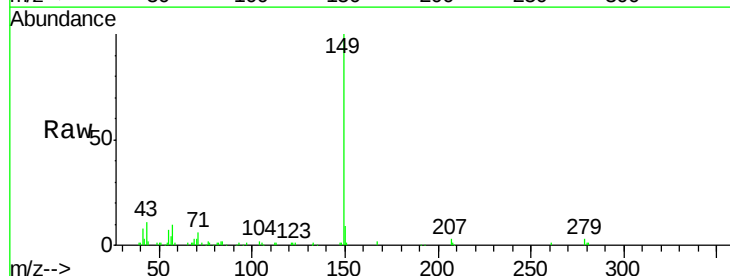
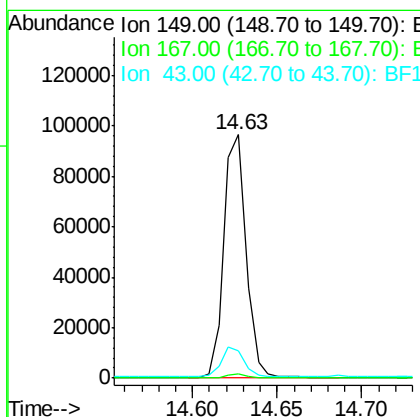
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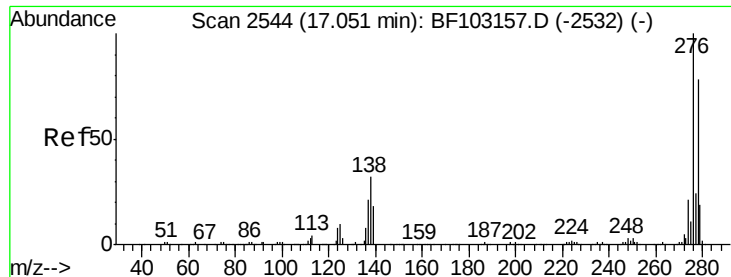
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#84
 Di-n-octyl phthalate
 Concen: 2.049 ng
 RT: 14.63 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.3	1.2	1.8
43	12.5	8.4	12.6





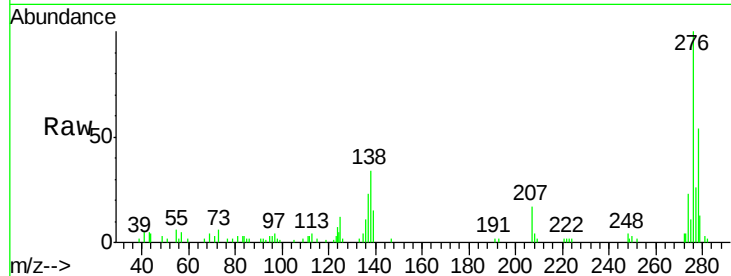
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.264 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.01 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2018

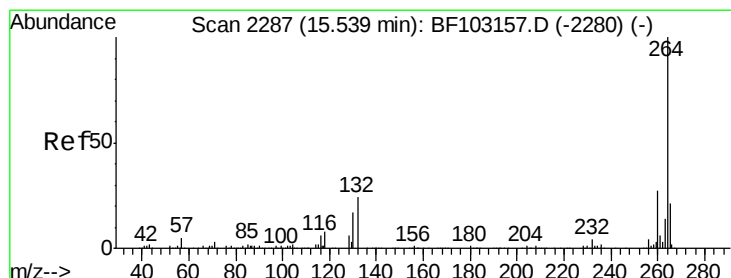
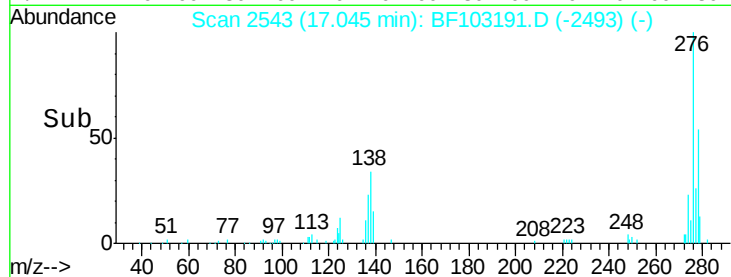
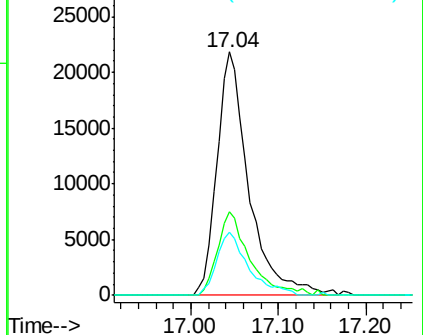
Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.5	25.0	37.6
277	25.6	20.1	30.1

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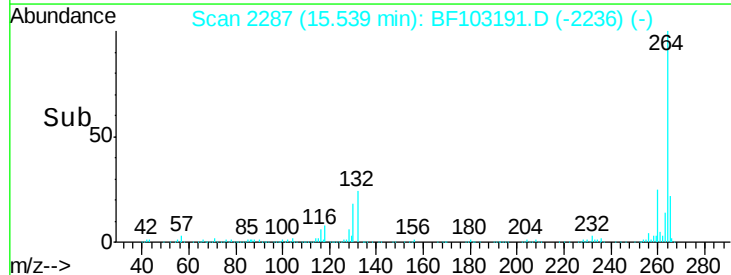
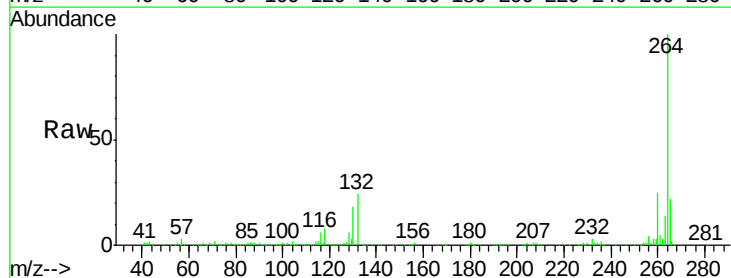
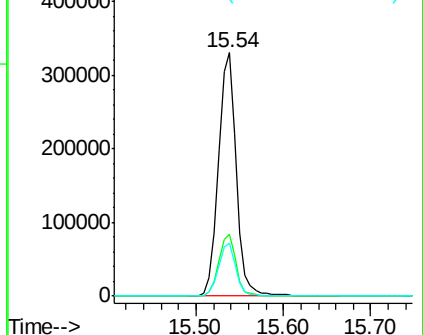
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

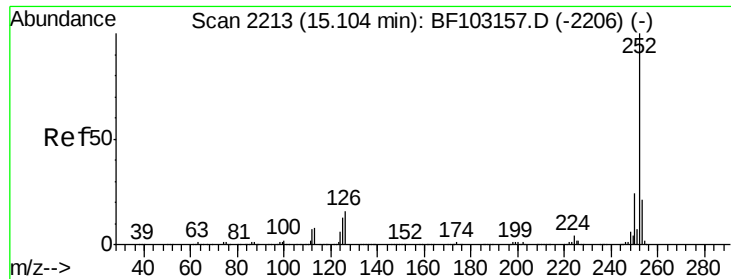


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	21.6	17.5	26.3

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





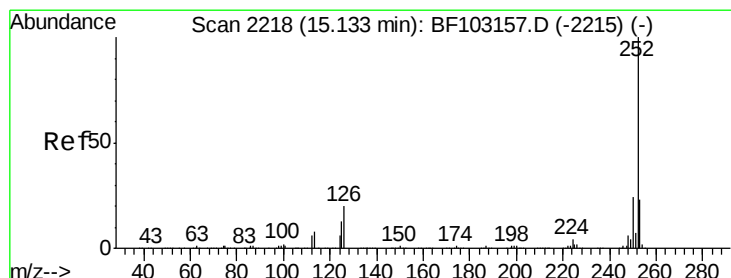
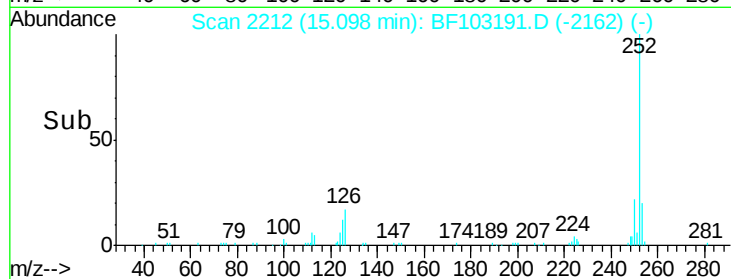
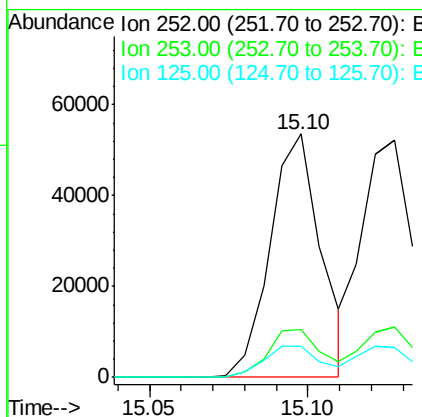
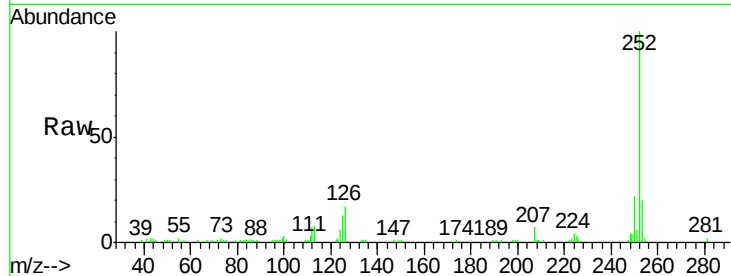
#87
Benzo(b)fluoranthene
Concen: 1.937 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	59845		
253	19.6		17.0	25.6
125	12.6		9.0	13.6

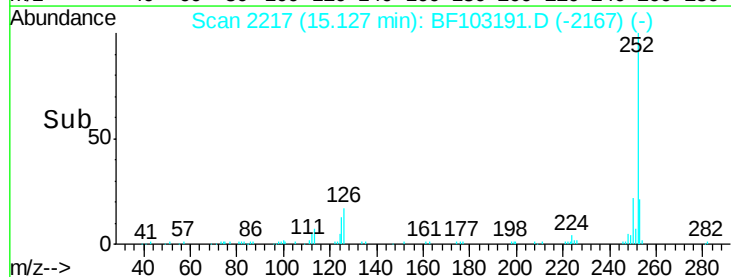
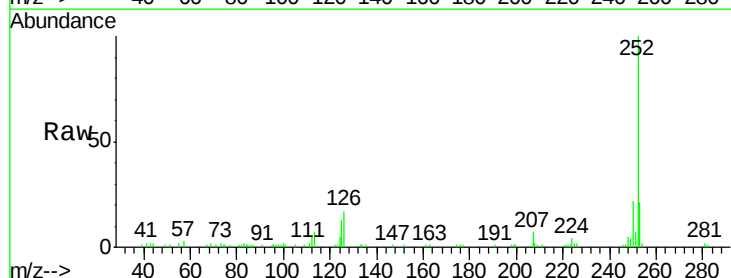
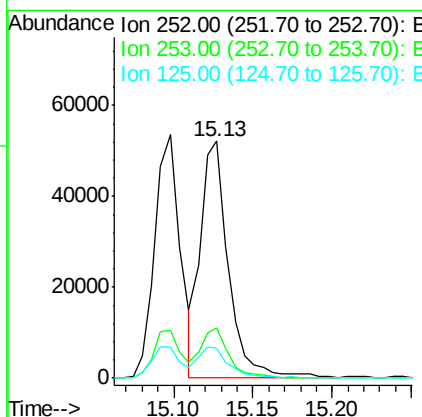
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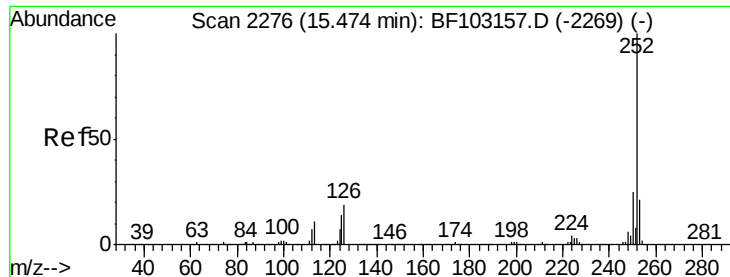
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#88
Benzo(k)fluoranthene
Concen: 2.217 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	64491		
253	21.3		17.9	26.9
125	12.6		10.2	15.2





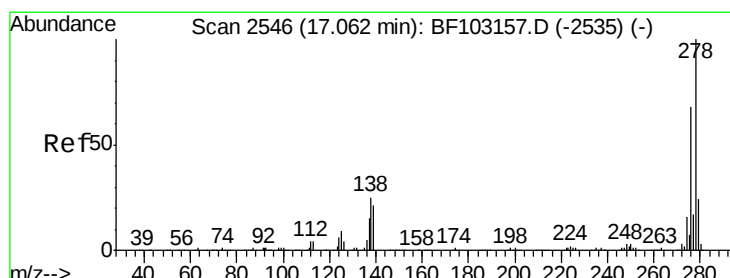
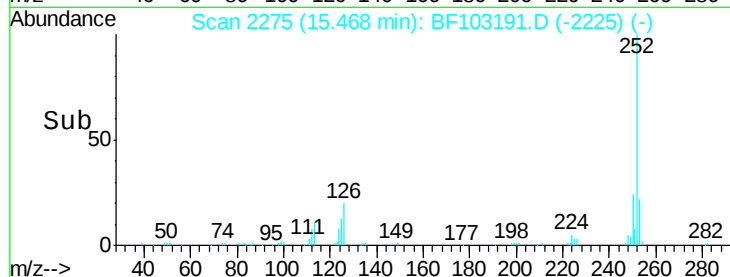
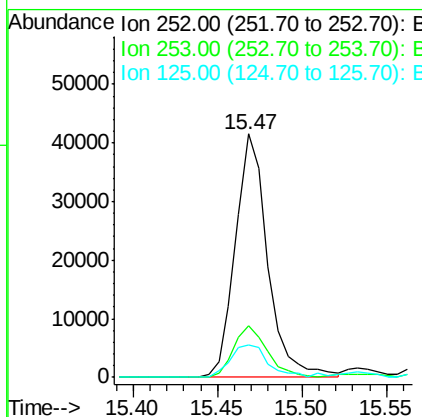
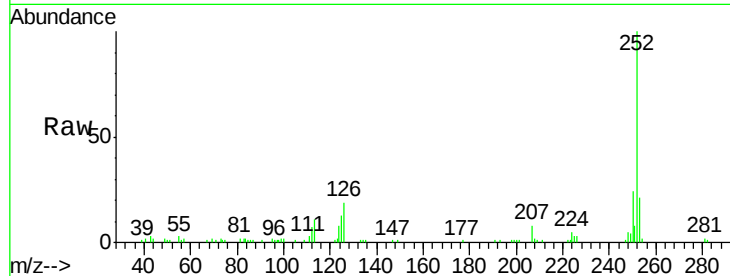
#89
Benzo(a)pyrene
Concen: 2.012 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	13.3	9.8	14.6

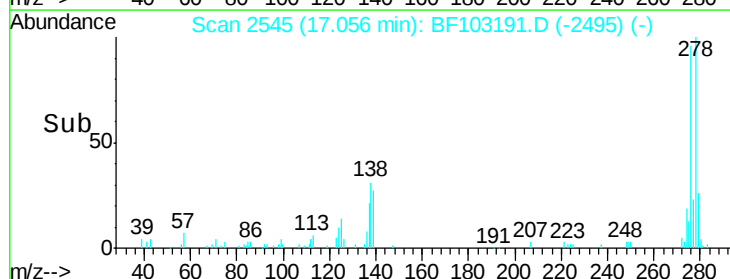
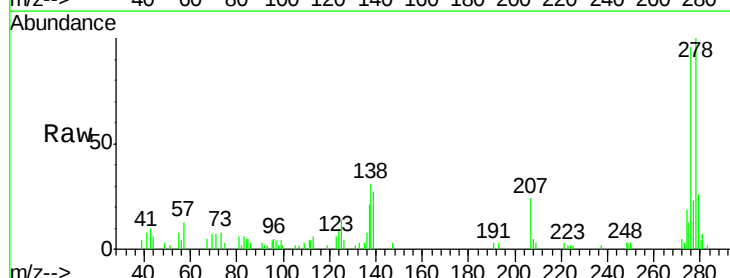
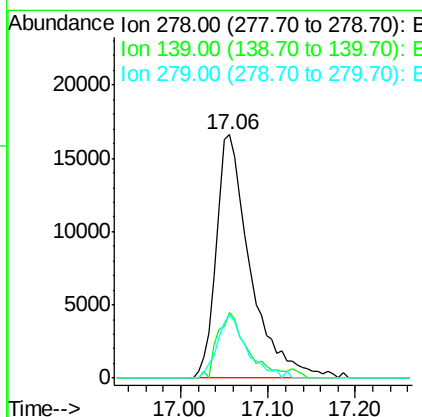
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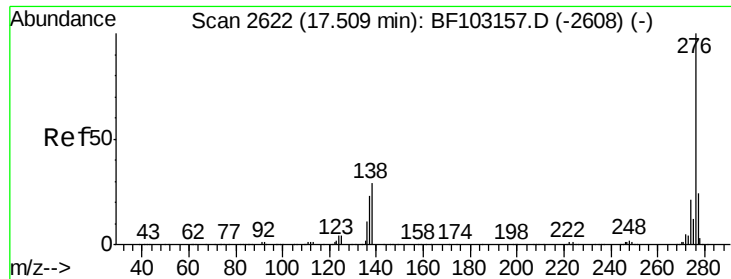
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#90
Dibenzo(a,h)anthracene
Concen: 2.092 ng
RT: 17.06 min Scan# 2545
Delta R.T. -0.01 min
Lab File: BF103191.D
Acq: 23 Feb 2018 11:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.0	15.9	23.9#
279	25.8	19.0	28.4





#91
 Benzo(g,h,i)perylene
 Concen: 2.239 ng
 RT: 17.50 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF103191.D
 Acq: 23 Feb 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	33.0	21.8	32.8

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