

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022318\
 Data File : BF103192.D
 Acq On : 23 Feb 2018 11:59
 Operator : SJ/JU
 Sample : J1161-03
 Misc : MDL-S-5ppm
 ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 2/26/2018 9:54:34 AM

Quant Time: Feb 23 12:50:56 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	173707	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	758804	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	355593	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	616880	20.00	ng	0.00
75) Chrysene-d12	14.04	240	461150	20.00	ng	0.00
86) Perylene-d12	15.54	264	443917	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1300789	113.26	ng	0.00
7) Phenol-d6	6.50	99	1589223	113.08	ng	0.00
23) Nitrobenzene-d5	7.44	82	1197593	90.13	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	356286	118.37	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1783224	86.81	ng	0.00
78) Terphenyl-d14	12.99	244	1461533	76.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	27010	4.453	ng	92
3) Pyridine	3.56	79	75222m	4.645	ng	
4) n-Nitrosodimethylamine	3.40	42	29627m	4.536	ng	
6) Aniline	6.54	93	102574	5.057	ng	95
8) 2-Chlorophenol	6.66	128	58669	4.917	ng	97
9) Benzaldehyde	6.43	77	35336	2.800	ng	94
10) Phenol	6.52	94	83219	5.101	ng	96
11) bis(2-Chloroethyl)ether	6.60	93	67253	5.431	ng	92
12) 1,3-Dichlorobenzene	6.81	146	72188	5.294	ng	98
13) 1,4-Dichlorobenzene	6.89	146	71386	5.222	ng	99
14) 1,2-Dichlorobenzene	7.04	146	66318	5.261	ng	95
15) Benzyl Alcohol	7.01	79	68433	6.462	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	108269	5.092	ng	98
17) 2-Methylphenol	7.12	107	56042	5.169	ng	96
18) Hexachloroethane	7.38	117	25728	5.170	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	51459	5.883	ng	94
20) 3+4-Methylphenols	7.27	107	72227m	5.465	ng	
22) Acetophenone	7.27	105	102262	5.774	ng	# 92
24) Nitrobenzene	7.45	77	79451	5.431	ng	93
25) Isophorone	7.69	82	132473	5.062	ng	97
26) 2-Nitrophenol	7.77	139	32033	4.651	ng	96
27) 2,4-Dimethylphenol	7.80	122	49345	4.688	ng	95
28) bis(2-Chloroethoxy)methane	7.89	93	77539	5.040	ng	97
29) 2,4-Dichlorophenol	8.02	162	48327	4.795	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	54659	5.093	ng	96
31) Naphthalene	8.17	128	199886	5.381	ng	98
32) Benzoic acid	7.88	122	22692	9.401	ng	96
33) 4-Chloroaniline	8.23	127	81644	5.093	ng	98
34) Hexachlorobutadiene	8.29	225	29237	5.231	ng	94
35) Caprolactam	8.56	113	16654	4.702	ng	# 85
36) 4-Chloro-3-methylphenol	8.70	107	57013	5.015	ng	94
37) 2-Methylnaphthalene	8.86	142	132282	5.510	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	50094	5.153	ng	99
40) Hexachlorocyclopentadiene	9.02	237	3215	9.716	ng	97

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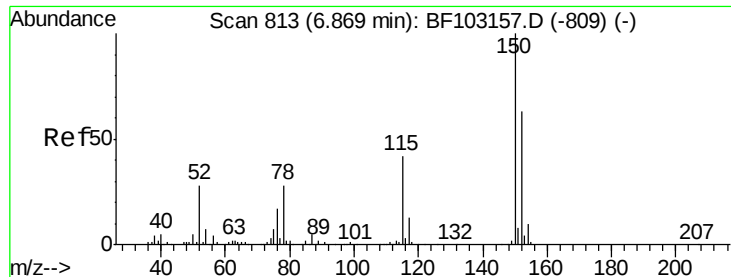
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	31003	4.740	ng	96
43) 2,4,5-Trichlorophenol	9.19	196	35991	4.784	ng	97
45) 1,1'-Biphenyl	9.33	154	166388	5.584	ng	98
46) 2-Chloronaphthalene	9.36	162	122667	5.204	ng	99
47) 2-Nitroaniline	9.45	65	41711	4.777	ng	# 82
48) Acenaphthylene	9.77	152	197874	5.456	ng	98
49) Dimethylphthalate	9.62	163	145472	5.100	ng	99
50) 2,6-Dinitrotoluene	9.69	165	29354	4.904	ng	# 80
51) Acenaphthene	9.94	154	119647	5.657	ng	98
52) 3-Nitroaniline	9.86	138	34365	4.525	ng	92
53) 2,4-Dinitrophenol	9.98	184	3733	11.140	ng	# 13
54) Dibenzofuran	10.12	168	168573	5.806	ng	97
55) 4-Nitrophenol	10.04	139	15956	3.390	ng	90
56) 2,4-Dinitrotoluene	10.10	165	38141	5.038	ng	95
57) Fluorene	10.46	166	134732	5.448	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	23394	4.629	ng	89
59) Diethylphthalate	10.32	149	148153	5.430	ng	99
60) 4-Chlorophenyl-phenylether	10.45	204	57307	5.464	ng	96
61) 4-Nitroaniline	10.47	138	34147	4.501	ng	96
62) Azobenzene	10.61	77	152743	5.500	ng	97
64) 4,6-Dinitro-2-methylphenol	10.51	198	11344	7.656	ng	85
65) n-Nitrosodiphenylamine	10.56	169	114356	5.324	ng	98
66) 4-Bromophenyl-phenylether	10.94	248	33366	5.192	ng	94
67) Hexachlorobenzene	11.01	284	36003	5.162	ng	93
68) Atrazine	11.09	200	30761	4.765	ng	95
69) Pentachlorophenol	11.21	266	11868	3.519	ng	93
70) Phenanthrene	11.42	178	184139	5.424	ng	99
71) Anthracene	11.47	178	186737	5.364	ng	98
72) Carbazole	11.63	167	180858	5.217	ng	98
73) Di-n-butylphthalate	11.95	149	230546	5.315	ng	99
74) Fluoranthene	12.62	202	182502	5.350	ng	98
76) Benzidine	12.73	184	41385	2.400	ng	# 93
77) Pyrene	12.84	202	189643	5.275	ng	98
79) Butylbenzylphthalate	13.45	149	87845	4.624	ng	95
80) Benzo(a)anthracene	14.03	228	144524	4.830	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	49586	4.644	ng	99
82) Chrysene	14.07	228	146742	5.051	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	129280	5.043	ng	# 96
84) Di-n-octyl phthalate	14.63	149	197169	4.761	ng	97
85) Indeno(1,2,3-cd)pyrene	17.04	276	123477	5.368	ng	96
87) Benzo(b)fluoranthene	15.10	252	130226	4.462	ng	100
88) Benzo(k)fluoranthene	15.13	252	139046	5.059	ng	99
89) Benzo(a)pyrene	15.47	252	123770	4.749	ng	98
90) Dibenzo(a,h)anthracene	17.06	278	100326	4.981	ng	96
91) Benzo(g,h,i)perylene	17.50	276	103443	5.255	ng	97

(#) = 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: BF103192.D

Acq: 23 Feb 2018 11:59

Instrument :

BNA_F

ClientSampleId :

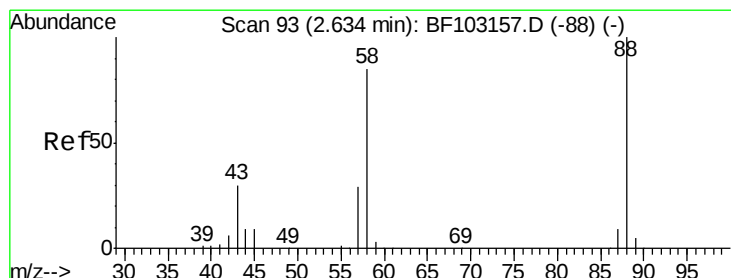
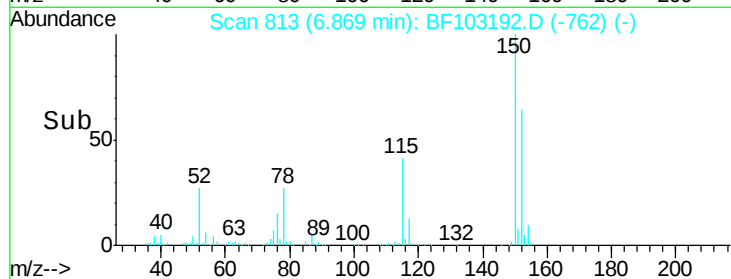
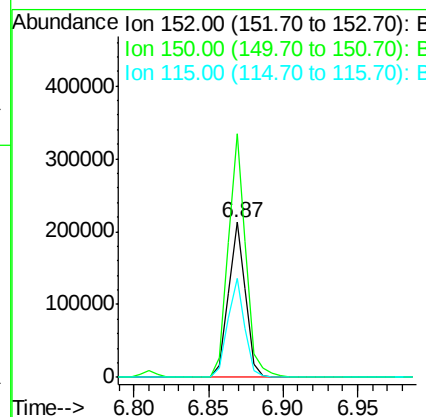
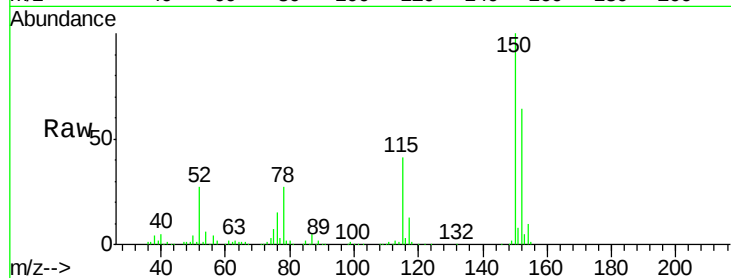
MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	64.1	50.1	75.1

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#2

1,4-Dioxane

Concen: 4.453 ng

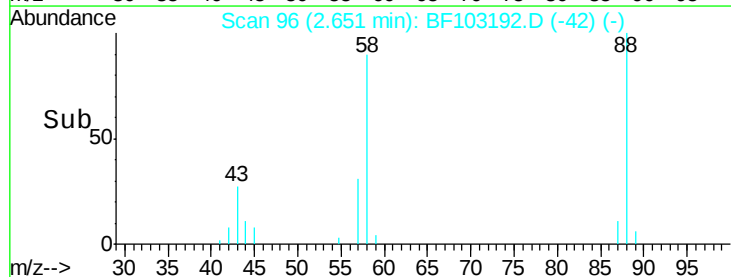
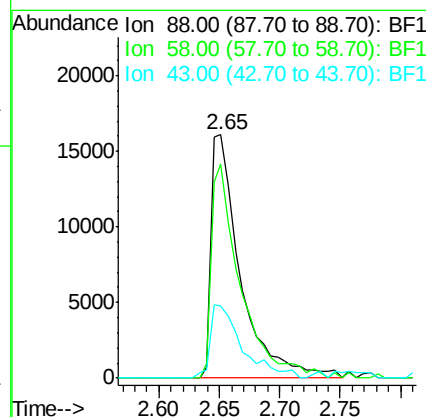
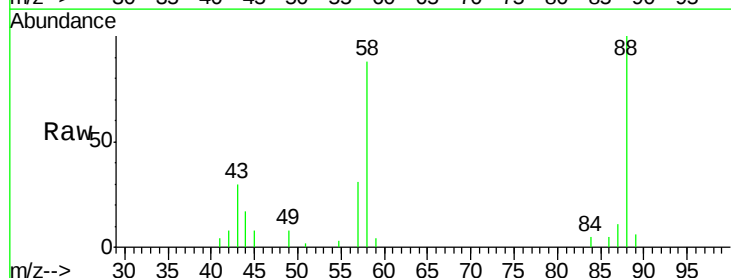
RT: 2.65 min Scan# 96

Delta R.T. 0.02 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.8	62.6	93.8
43	32.7	24.6	37.0





#3

Pyridine

Concen: 4.645 ng m

RT: 3.56 min Scan# 251

Delta R.T. 0.15 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Instrument :

BNA_F

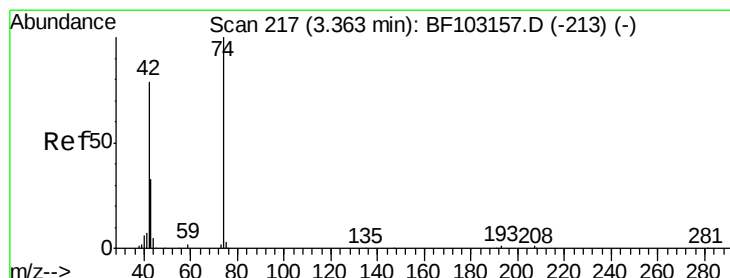
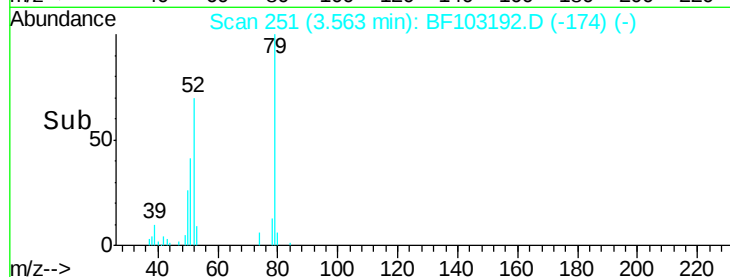
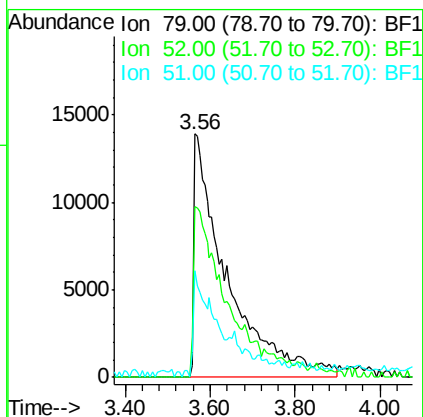
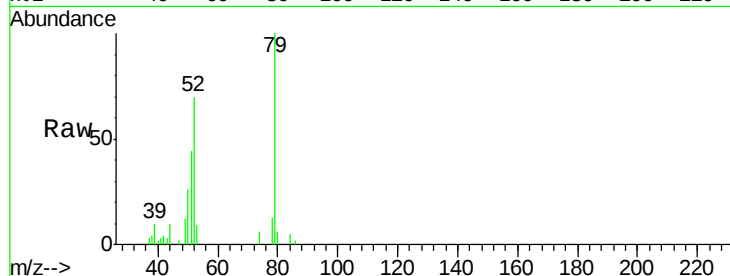
ClientSampleId :

MDL-SOIL-03-QT1-2018

Tgt Ion:	79	Resp:	75222
Ion	Ratio	Lower	Upper
79	100		
52	70.0	59.8	89.6
51	43.6	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 4.536 ng m

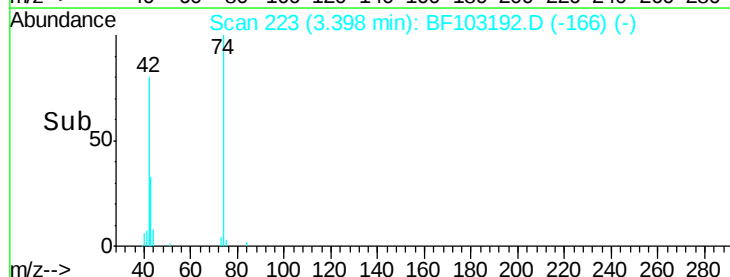
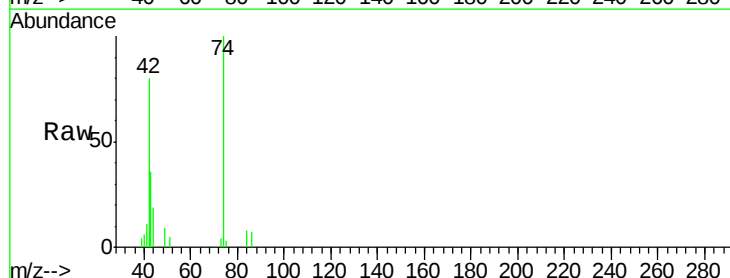
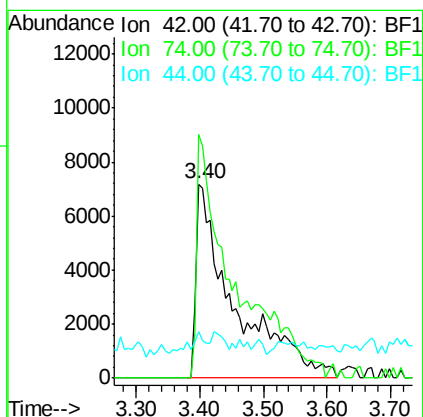
RT: 3.40 min Scan# 223

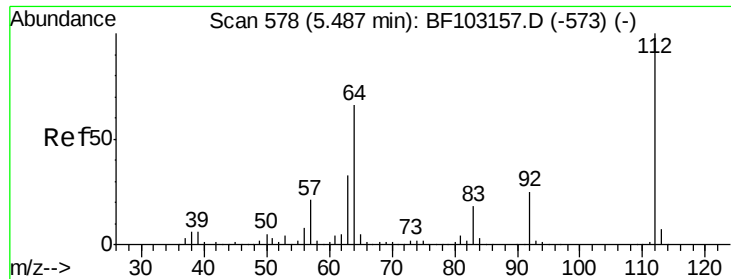
Delta R.T. 0.04 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Tgt Ion:	42	Resp:	29627
Ion	Ratio	Lower	Upper
42	100		
74	125.6	104.9	157.3
44	23.8	6.9	10.3#





#5

2-Fluorophenol

Concen: 113.257 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Instrument :

BNA_F

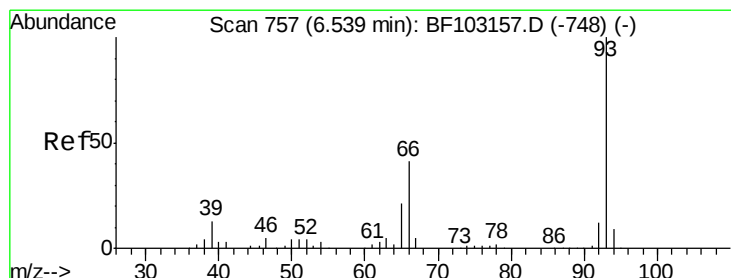
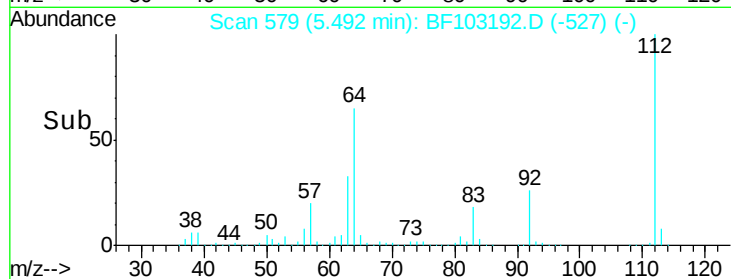
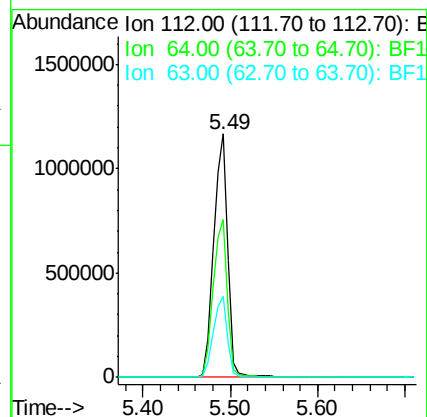
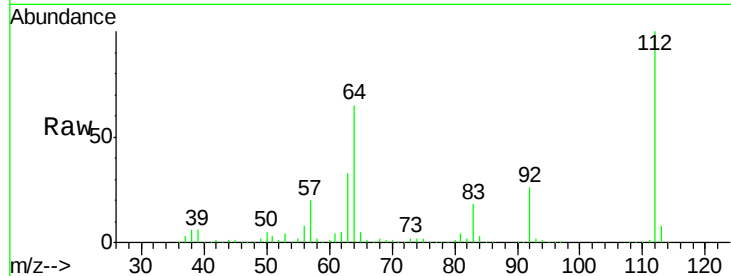
ClientSampleId :

MDL-SOIL-03-QT1-2018

Tgt Ion:	112	Resp:	1300789
Ion	Ratio	Lower	Upper
112	100		
64	65.0	47.9	71.9
63	33.4	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 5.057 ng

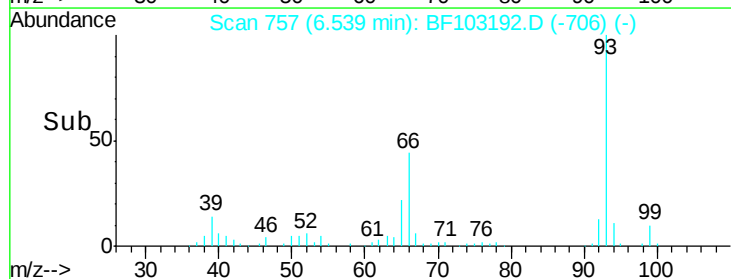
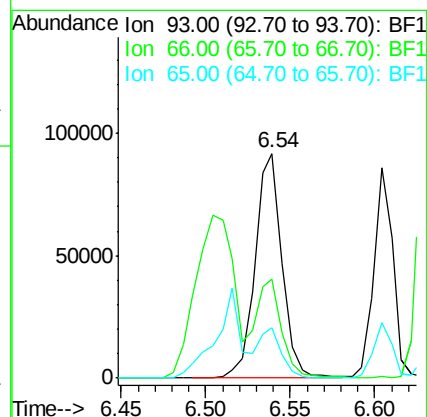
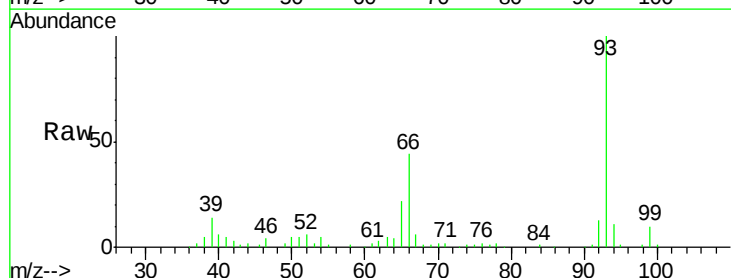
RT: 6.54 min Scan# 757

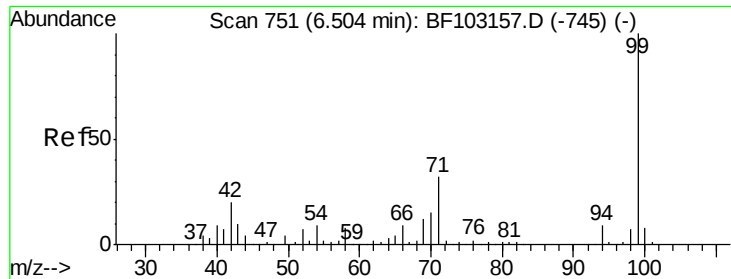
Delta R.T. -0.00 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Tgt Ion:	93	Resp:	102574
Ion	Ratio	Lower	Upper
93	100		
66	43.8	32.2	48.2
65	22.1	16.4	24.6





#7

Phenol-d6

Concen: 113.080 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT1-2018

Tgt Ion: 99 Resp: 1589223

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

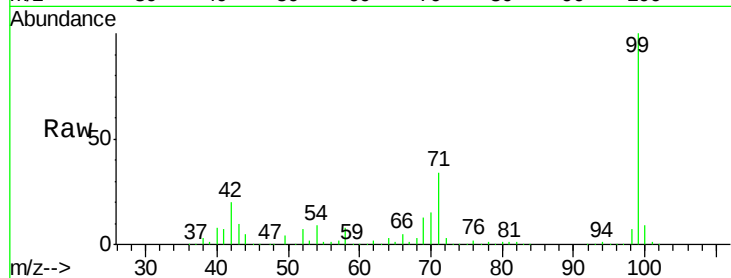
71 33.8 25.4 38.0

Manual Integrations

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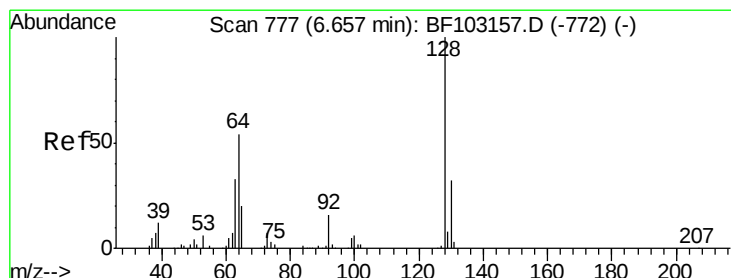
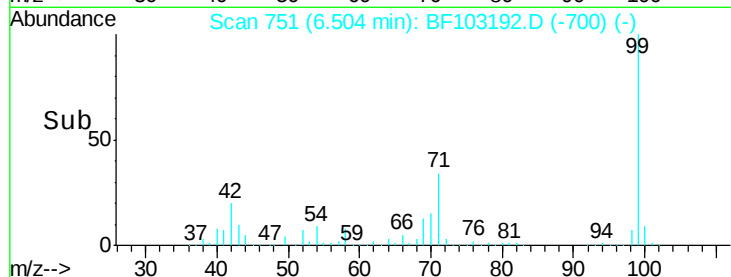
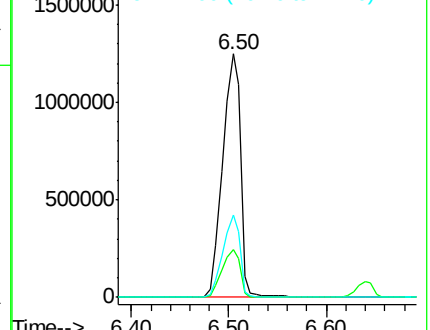
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 4.917 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

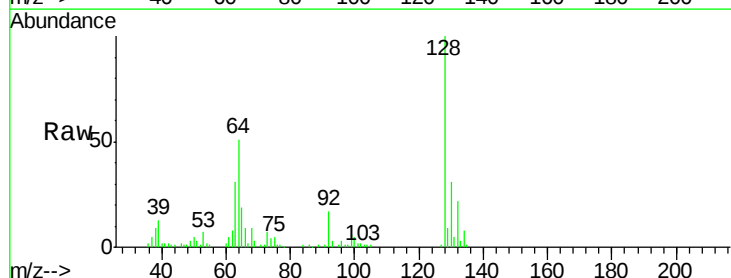
Tgt Ion: 128 Resp: 58669

Ion Ratio Lower Upper

128 100

130 31.2 13.0 53.0

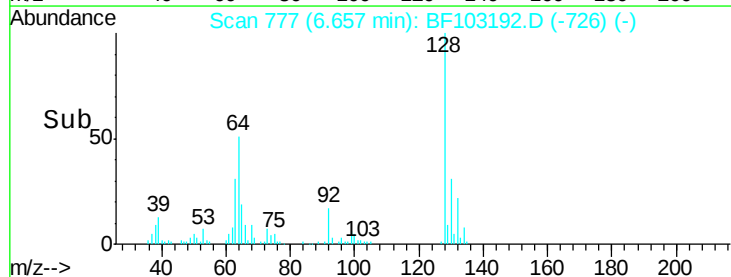
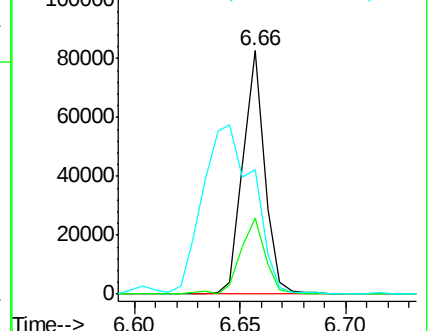
64 50.9 29.4 69.4



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: 2.800 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103192.D

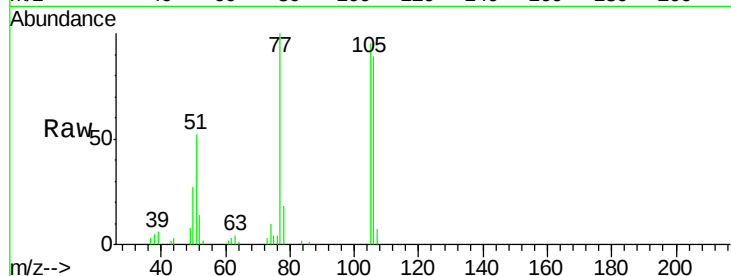
Acq: 23 Feb 2018 11:59

Instrument :

BNA_F

ClientSampleId :

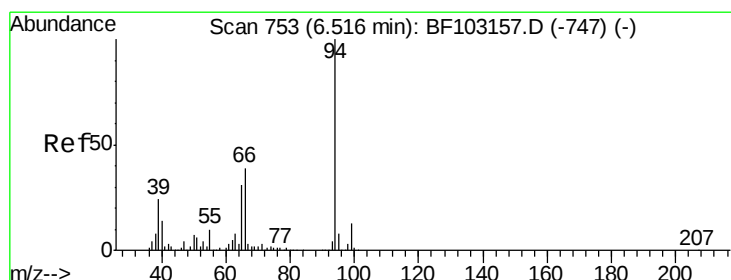
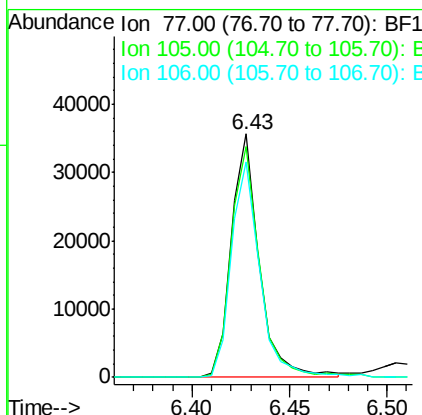
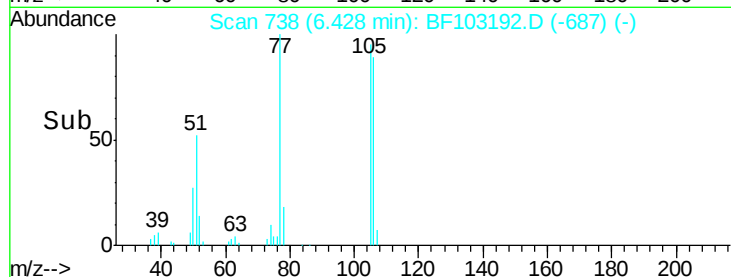
MDL-SOIL-03-QT1-2018



Tgt Ion:	77	Resp:	35336
Ion	Ratio	Lower	Upper
77	100		
105	94.8	81.1	121.1
106	88.6	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 5.101 ng

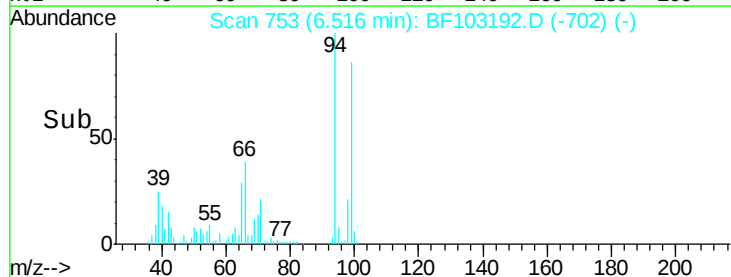
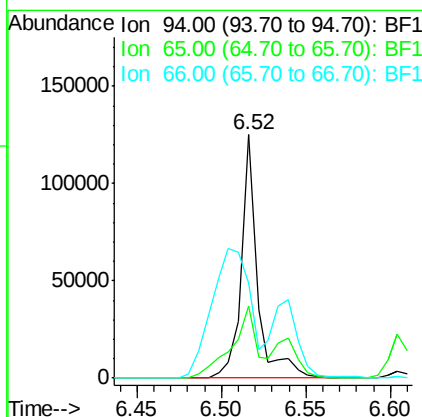
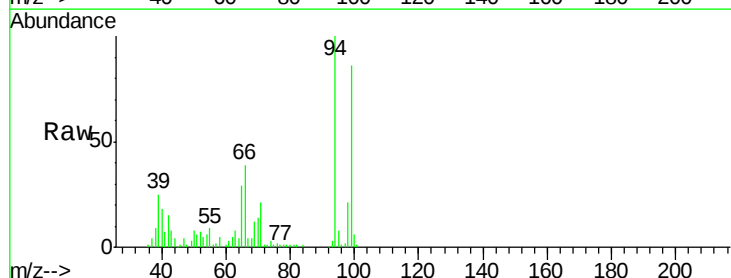
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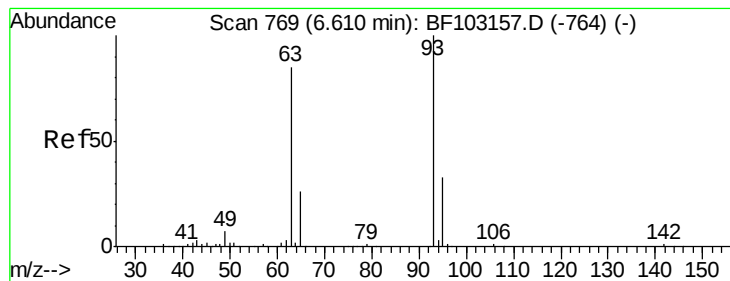
Delta R.T. -0.00 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Tgt Ion:	94	Resp:	83219
Ion	Ratio	Lower	Upper
94	100		
65	29.4	7.9	47.9
66	38.8	16.2	56.2





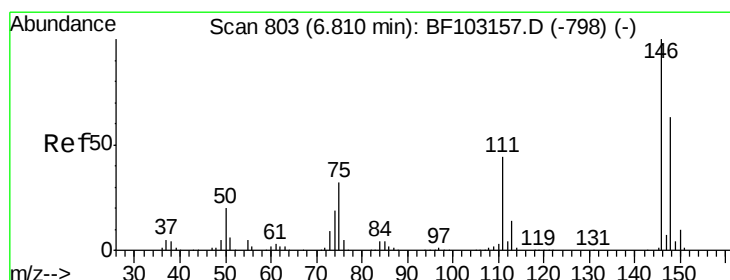
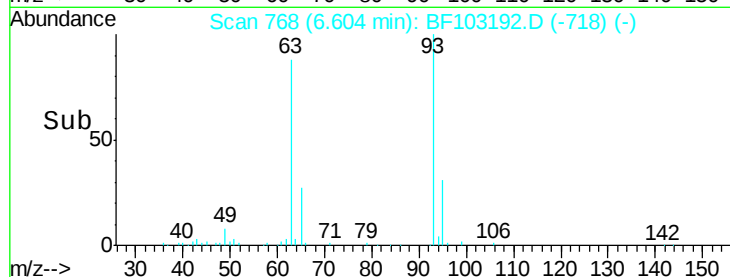
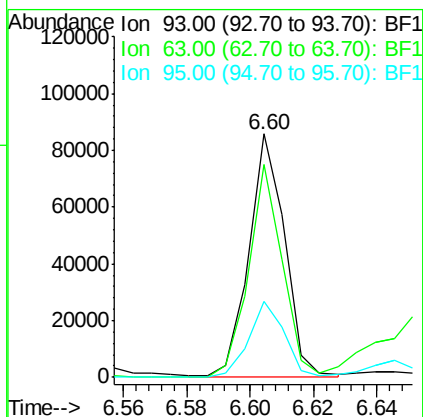
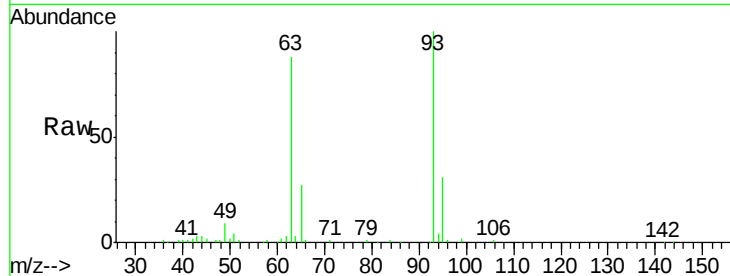
#11
bis(2-Chloroethyl)ether
Concen: 5.431 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

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

Tgt Ion	Ratio	Lower	Upper
93	100		
63	87.7	58.6	98.6
95	31.4	11.8	51.8

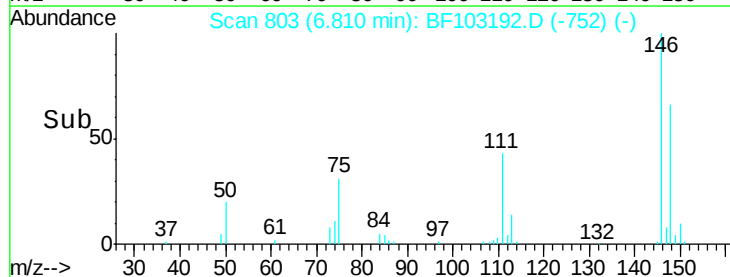
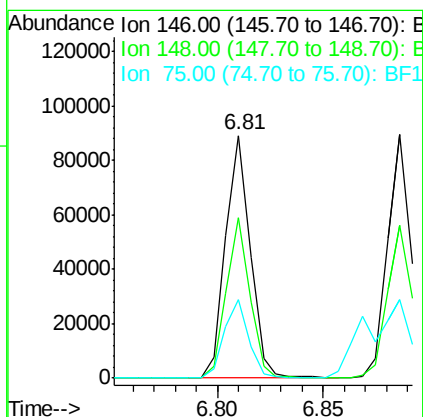
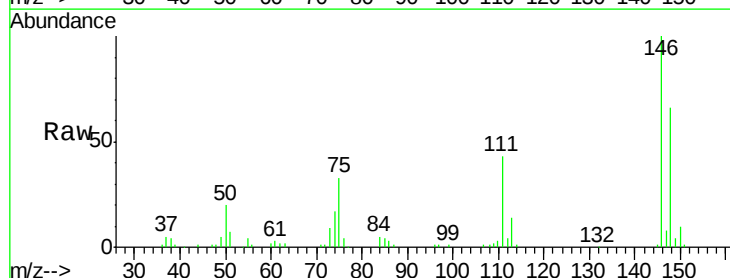
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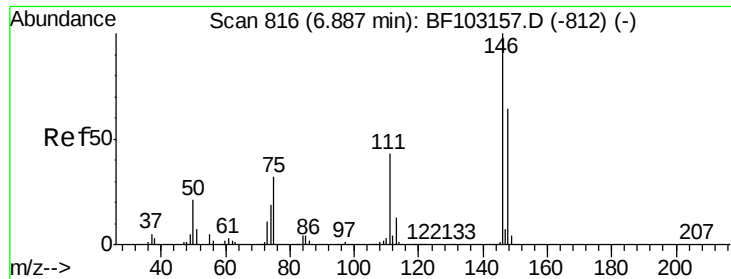
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#12
1,3-Dichlorobenzene
Concen: 5.294 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.8	77.8
75	32.6	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 5.222 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Instrument :

BNA_F

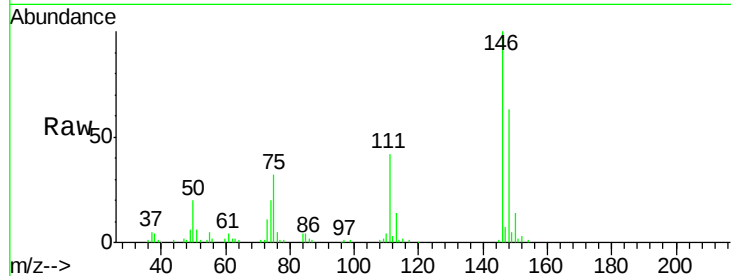
ClientSampleId :

MDL-SOIL-03-QT1-2018

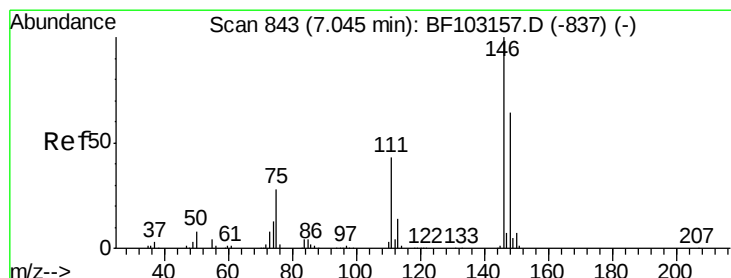
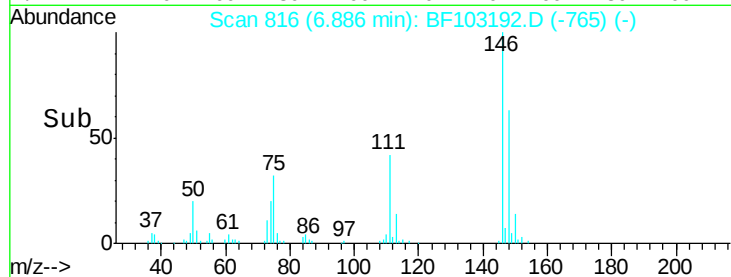
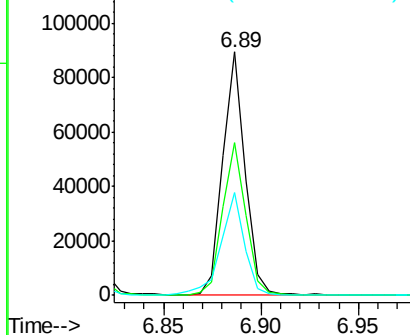
Tgt Ion:	146	Resp:	71386
Ion Ratio		Lower	Upper
146	100		
148	62.6	50.8	76.2
111	42.1	34.2	51.2

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 5.261 ng

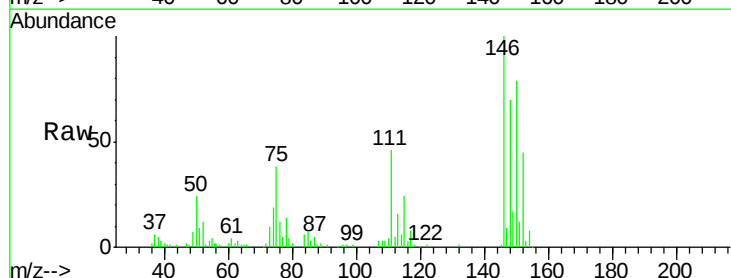
RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

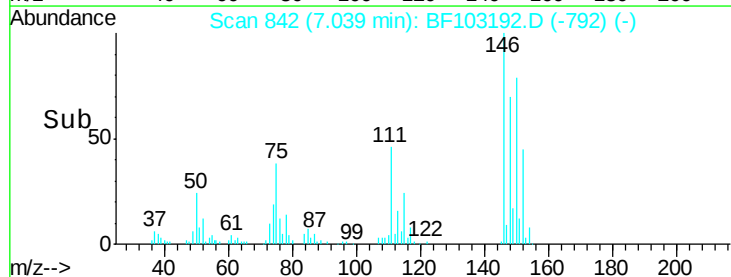
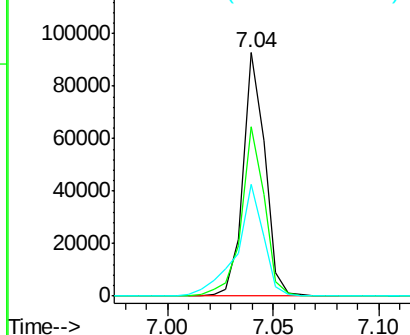
Lab File: BF103192.D

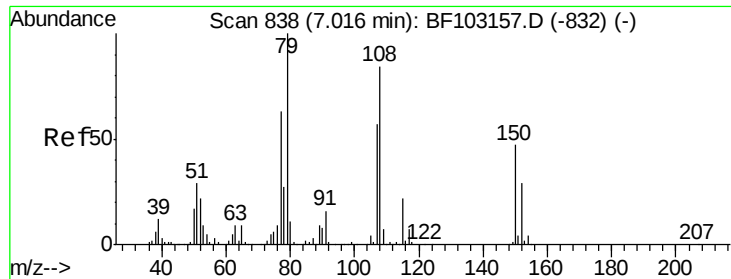
Acq: 23 Feb 2018 11:59

Tgt Ion:	146	Resp:	66318
Ion Ratio		Lower	Upper
146	100		
148	69.6	50.6	75.8
111	45.9	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 6.462 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Instrument :

BNA_F

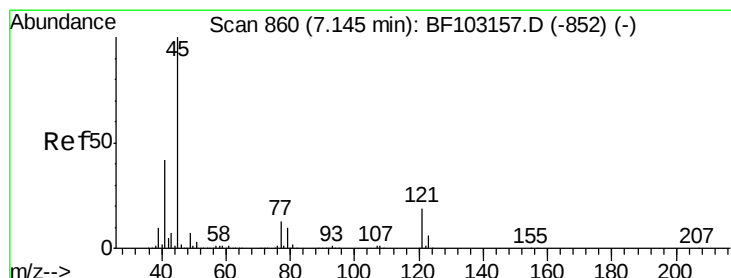
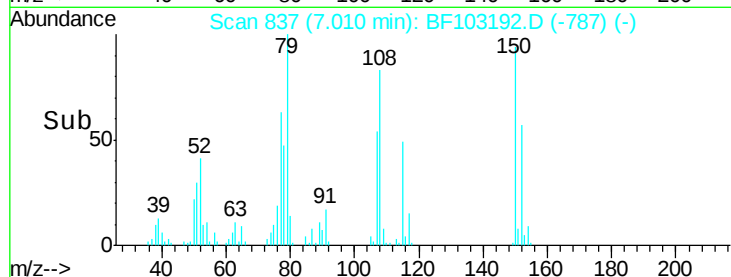
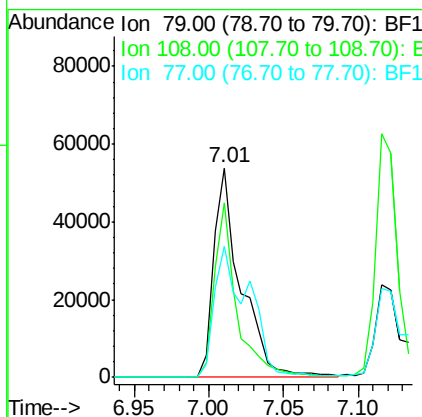
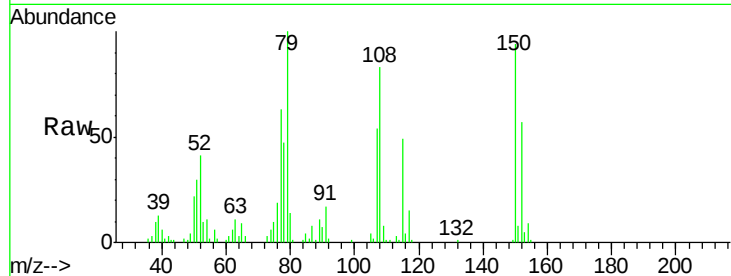
ClientSampleId :

MDL-SOIL-03-QT1-2018

Tgt Ion:	79	Resp:	68433
Ion Ratio	Lower	Upper	
79	100		
108	83.3	65.1	97.7
77	62.8	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.092 ng

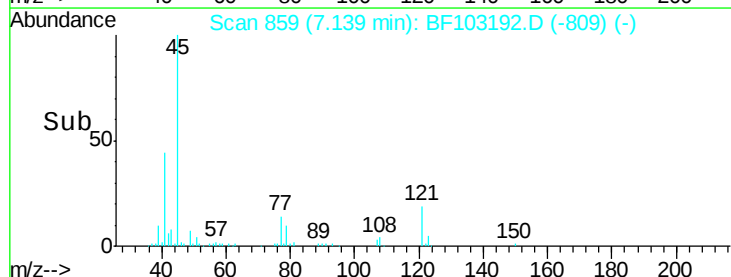
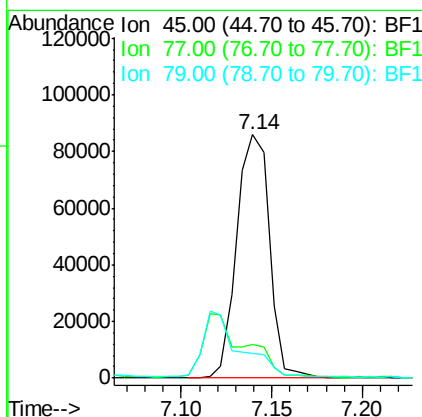
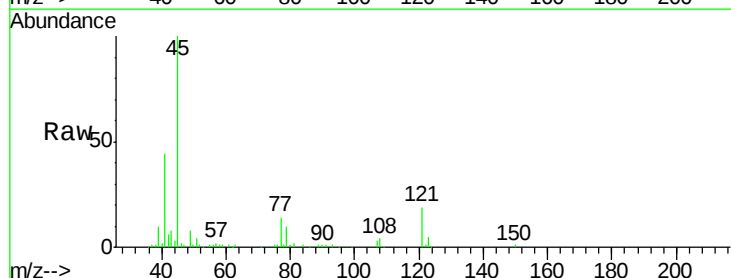
RT: 7.14 min Scan# 859

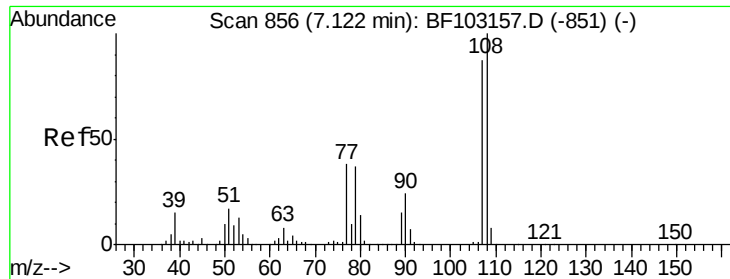
Delta R.T. -0.01 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Tgt Ion:	45	Resp:	108269
Ion Ratio	Lower	Upper	
45	100		
77	13.7	0.0	32.9
79	10.2	0.0	29.6





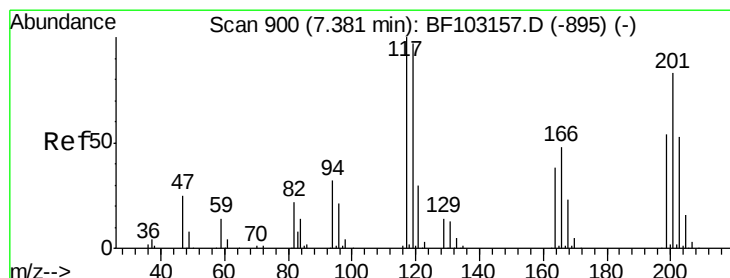
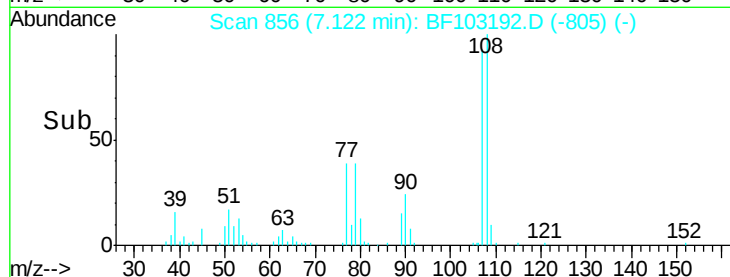
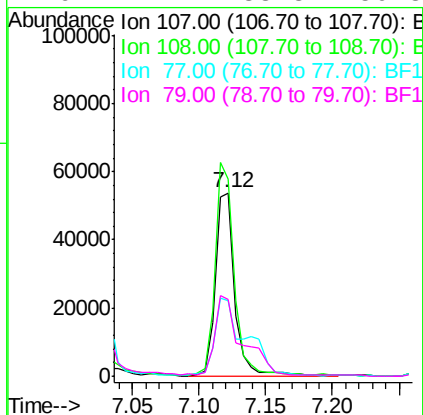
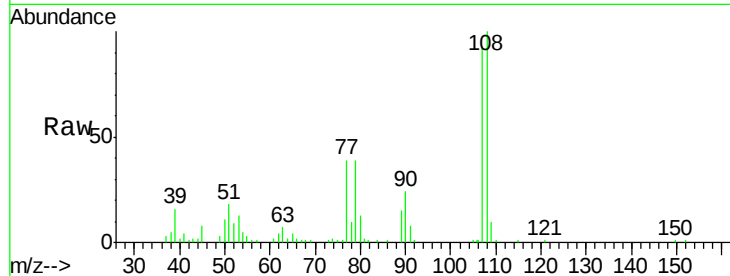
#17
2-Methylphenol
Concen: 5.169 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

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

Tgt Ion:	107	Resp:	56042
Ion Ratio	Lower	Upper	
107	100		
108	107.6	91.7	137.5
77	41.5	33.8	50.8
79	41.7	33.8	50.8

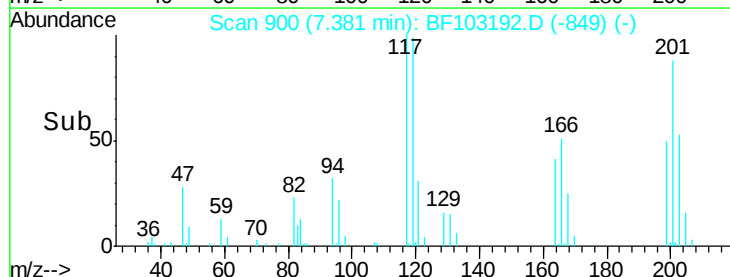
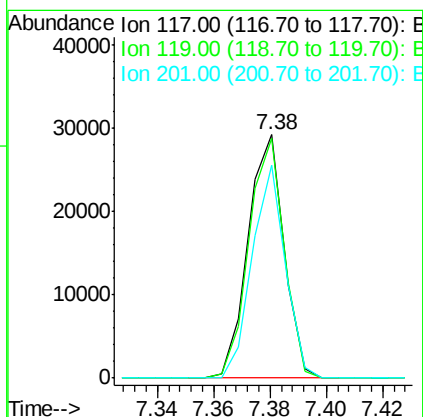
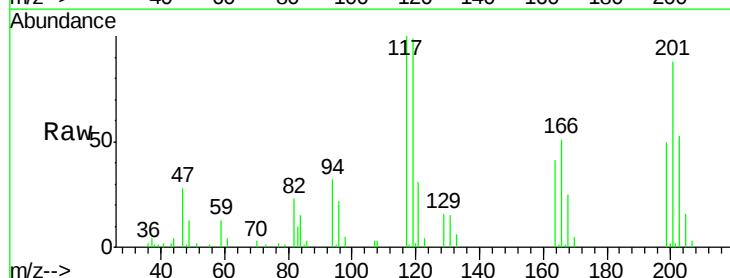
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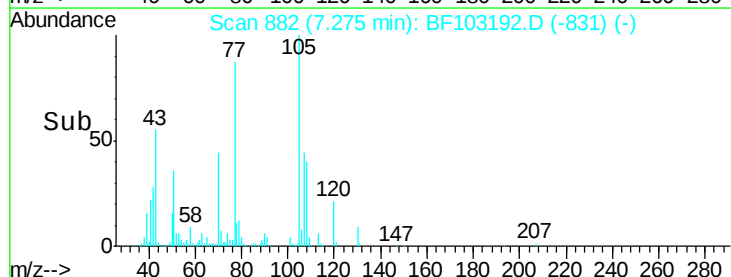
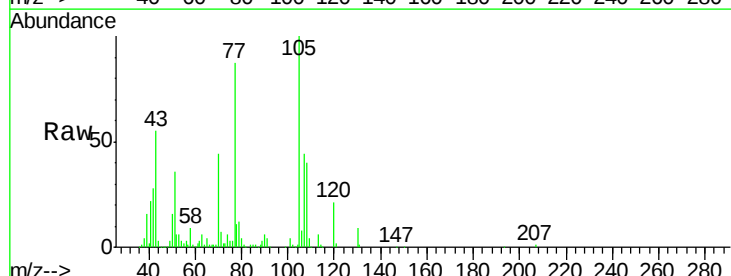
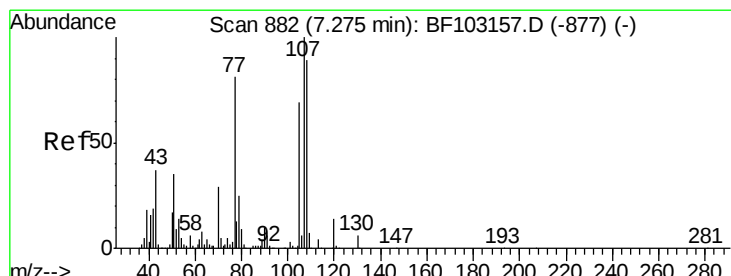
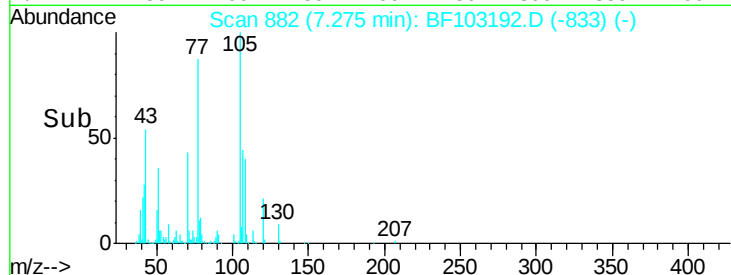
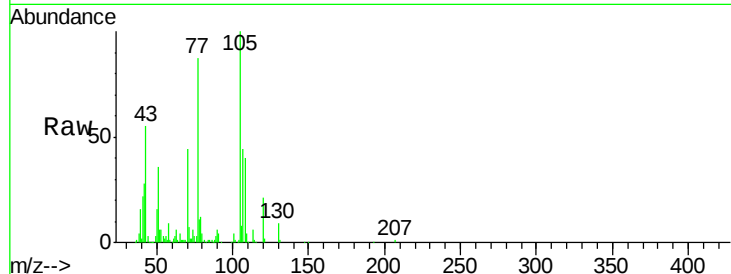
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#18
Hexachloroethane
Concen: 5.170 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion:	117	Resp:	25728
Ion Ratio	Lower	Upper	
117	100		
119	98.7	75.8	113.8
201	89.7	75.7	113.5





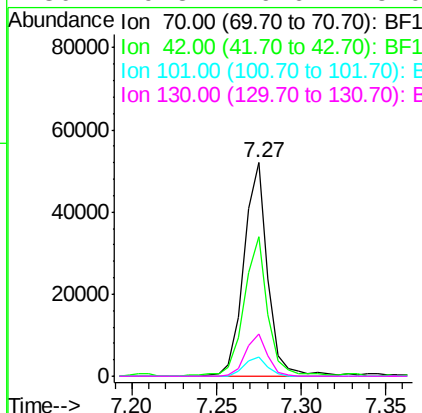
#19
n-Nitroso-di-n-propylamine
Concen: 5.883 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

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

Tgt Ion	Ratio	Lower	Upper
70	100		
42	65.2	47.5	71.3
101	9.1	7.4	11.2
130	19.8	16.6	25.0

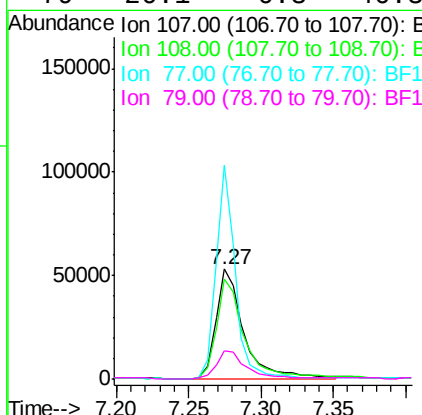
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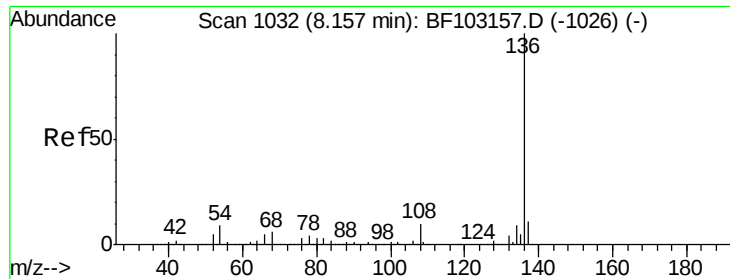
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#20
3+4-Methylphenols
Concen: 5.465 ng m
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.6	68.2	108.2
77	194.9	26.7	66.7#
79	26.1	6.3	46.3





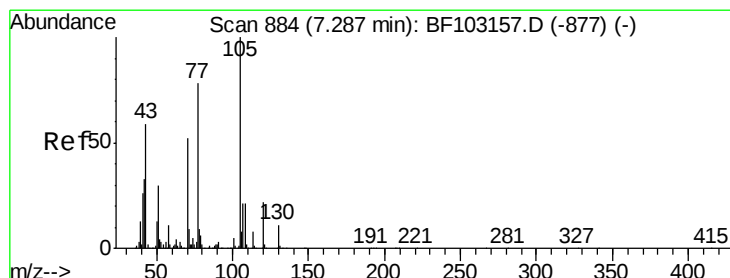
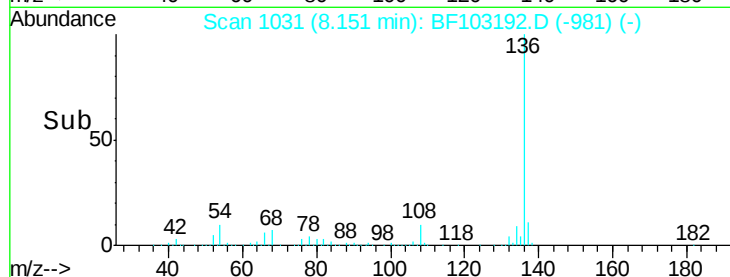
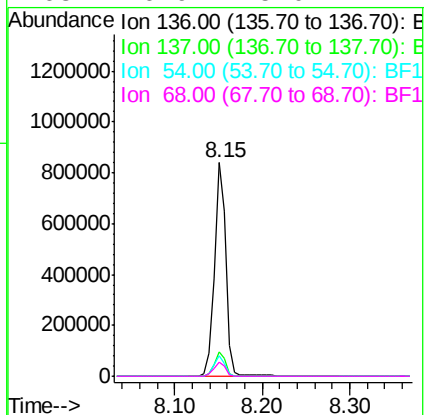
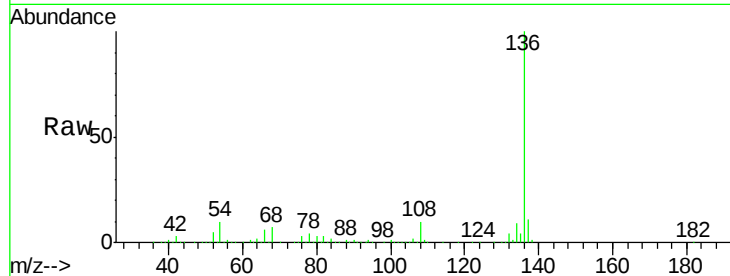
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

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

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	758804		
137	11.3	8.9	13.3	
54	9.8	6.6	9.8	
68	6.9	5.0	7.4	

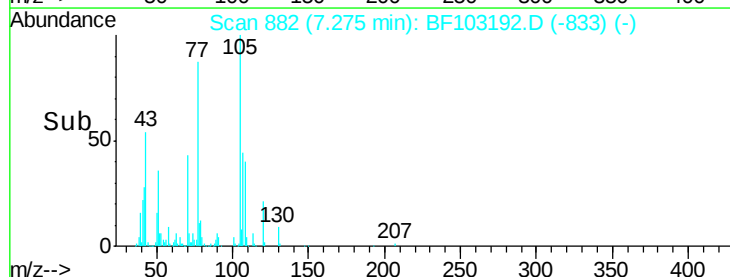
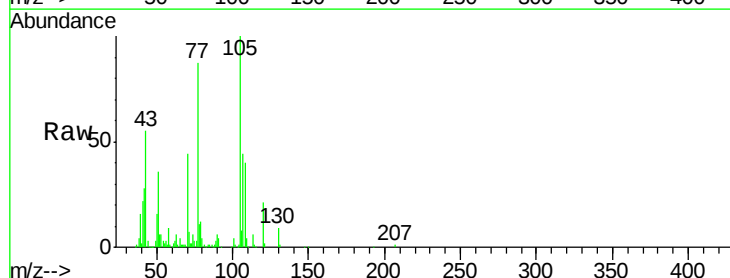
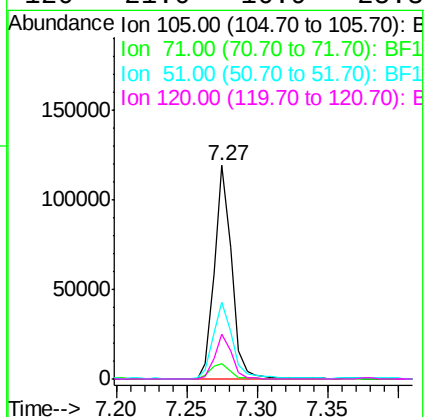
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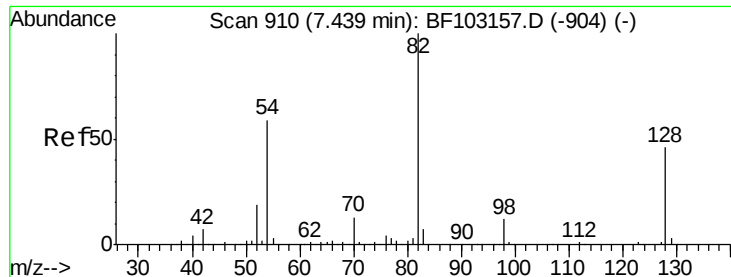
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#22
Acetophenone
Concen: 5.774 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	102262		
71	7.1	4.4	6.6#	
51	36.0	22.3	33.5#	
120	21.0	16.9	25.3	





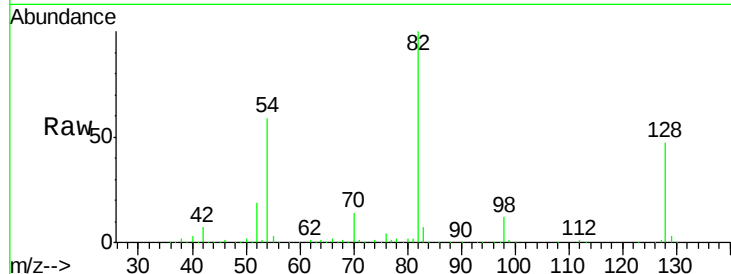
#23
 Nitrobenzene-d5
 Concen: 90.132 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

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

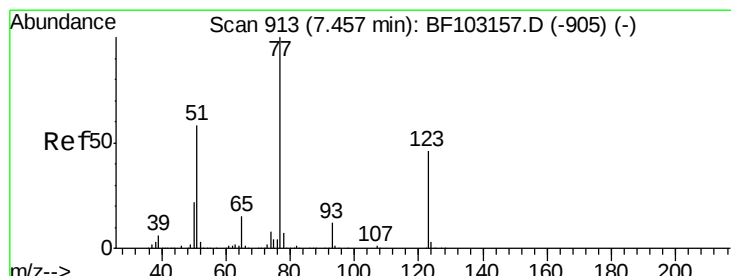
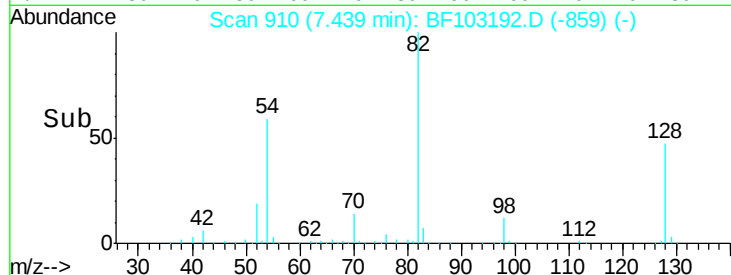
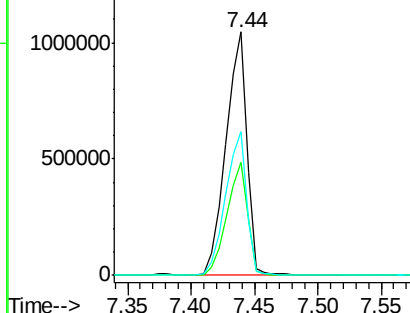
Tgt Ion: 82 Resp: 1197593
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.1 54.1
 54 59.3 41.4 62.2

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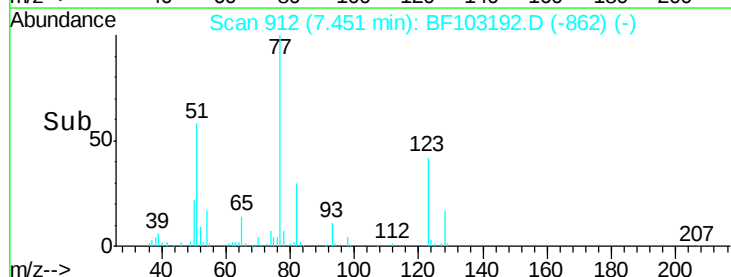
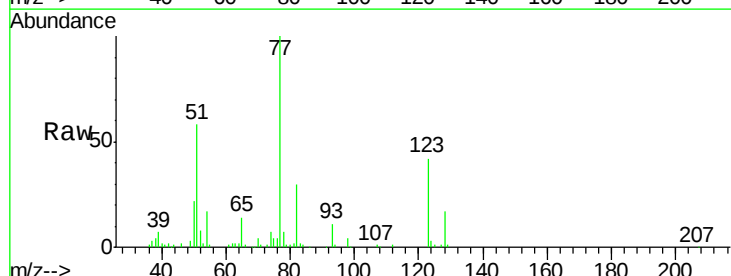
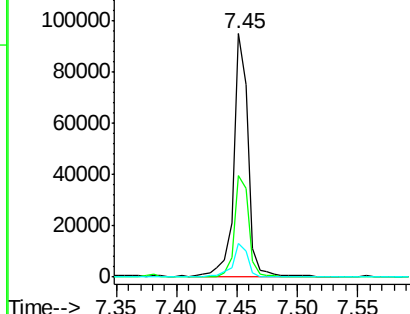
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

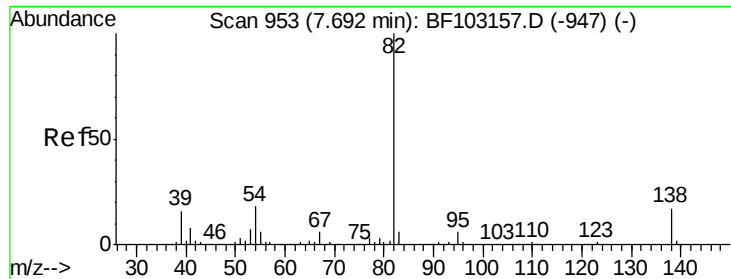


#24
 Nitrobenzene
 Concen: 5.431 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Tgt Ion: 77 Resp: 79451
 Ion Ratio Lower Upper
 77 100
 123 41.7 37.9 56.9
 65 13.7 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: 5.062 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Instrument :

BNA_F

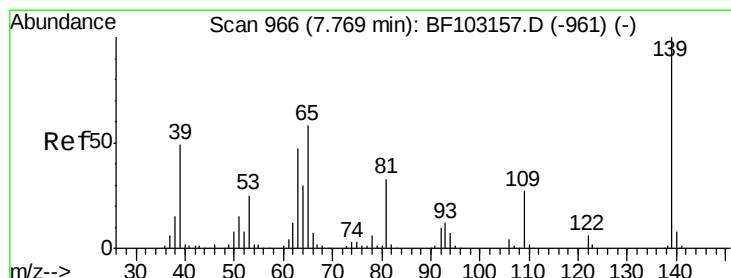
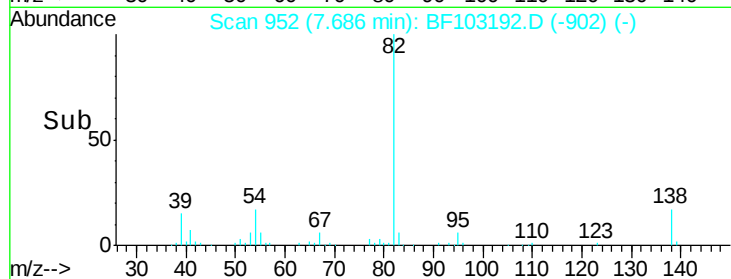
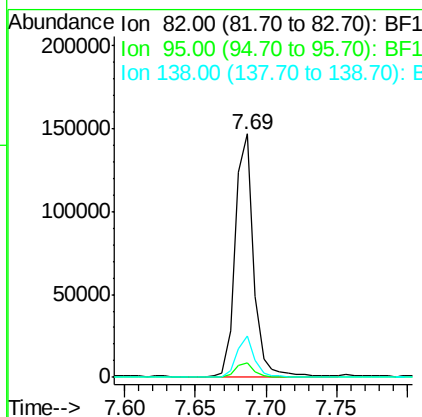
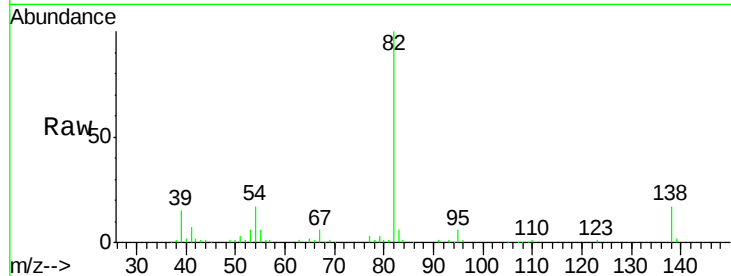
ClientSampleId :

MDL-SOIL-03-QT1-2018

Tgt Ion:	82	Resp:	132473
Ion Ratio		Lower	Upper
82	100		
95	6.1	5.2	7.8
138	17.0	14.9	22.3

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#26

2-Nitrophenol

Concen: 4.651 ng

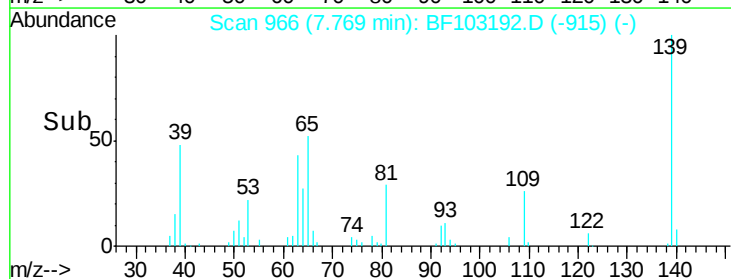
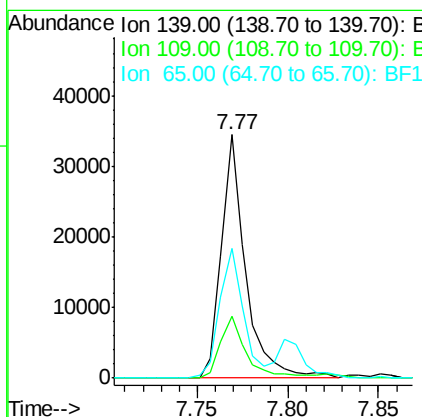
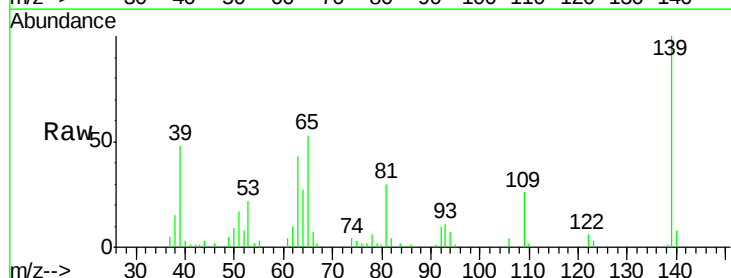
RT: 7.77 min Scan# 966

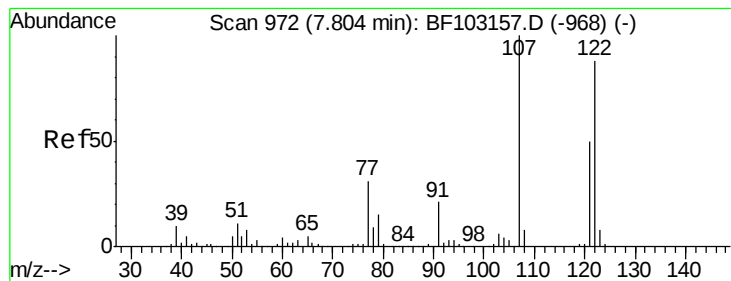
Delta R.T. -0.00 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Tgt Ion:	139	Resp:	32033
Ion Ratio		Lower	Upper
139	100		
109	25.6	22.7	34.1
65	53.3	40.5	60.7





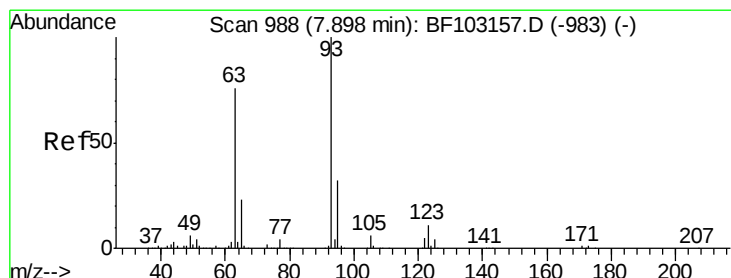
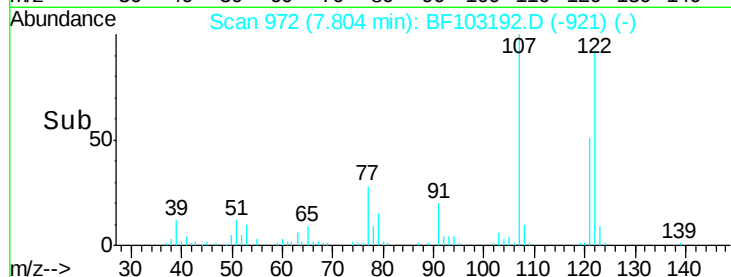
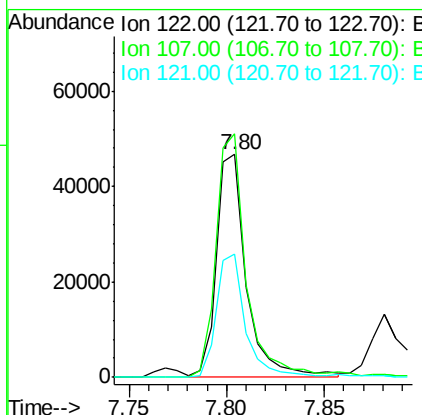
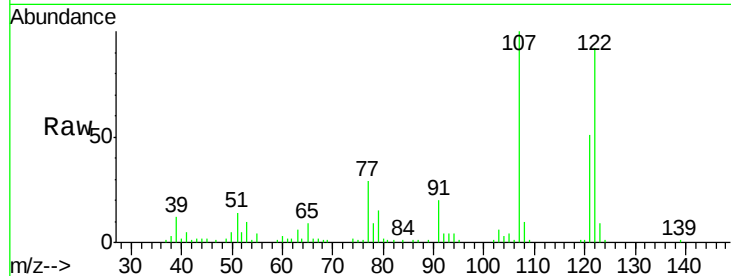
#27
2,4-Dimethylphenol
Concen: 4.688 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

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

Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.1	91.2	136.8
121	55.2	47.2	70.8

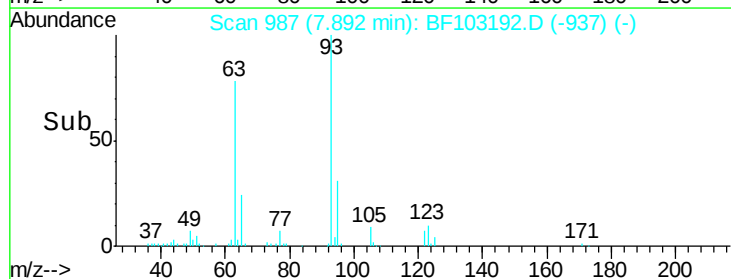
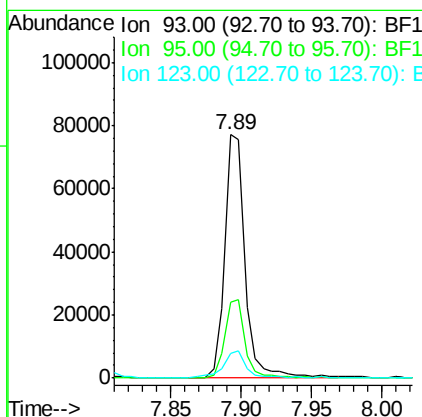
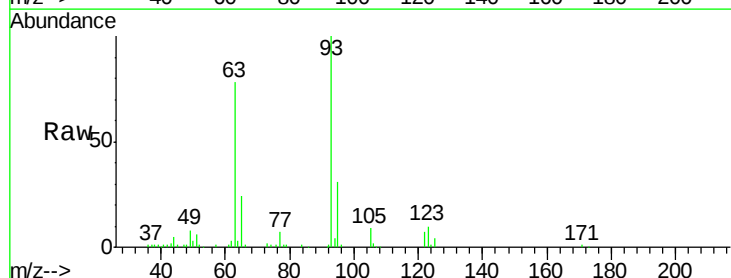
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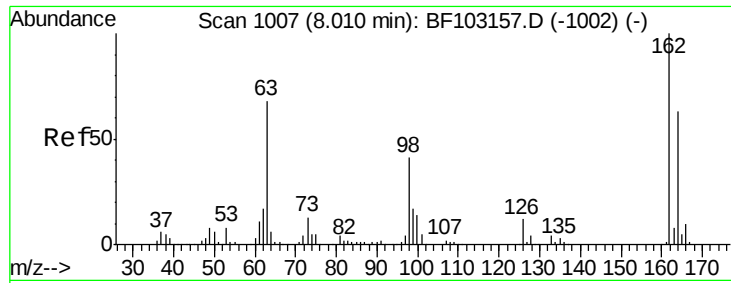
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#28
bis(2-Chloroethoxy)methane
Concen: 5.040 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	26.3	39.5
123	10.2	9.8	14.6





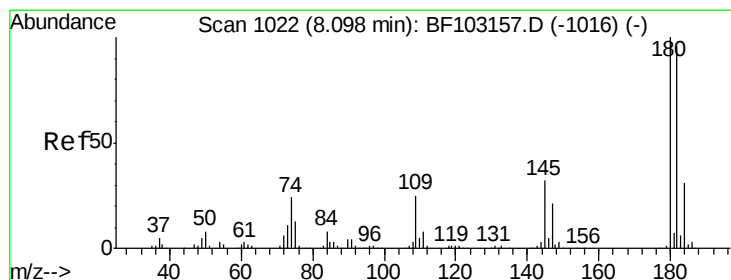
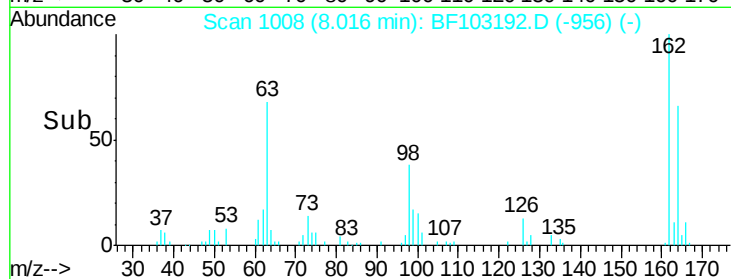
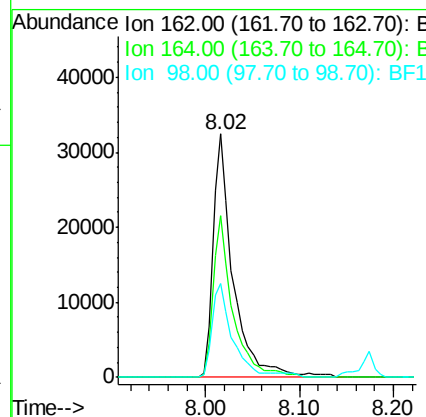
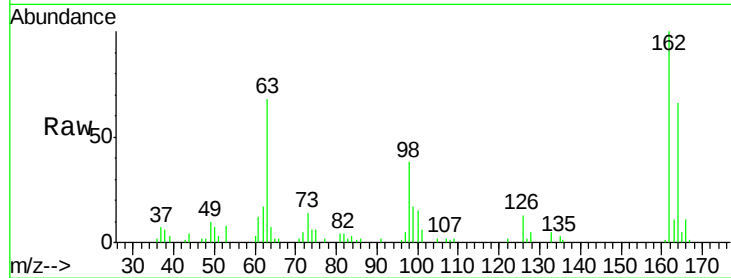
#29
 2,4-Dichlorophenol
 Concen: 4.795 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.01 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

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

Tgt Ion:	162	Resp:	48327
Ion Ratio	Lower	Upper	
162	100		
164	66.2	42.7	82.7
98	38.4	18.1	58.1

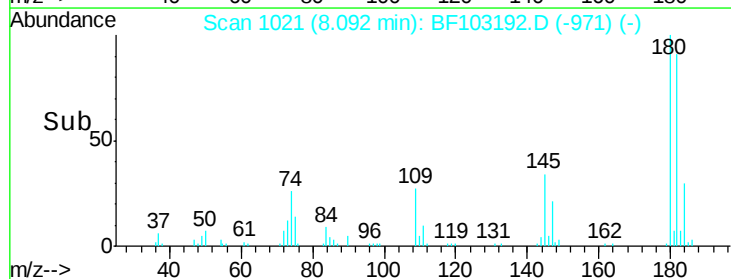
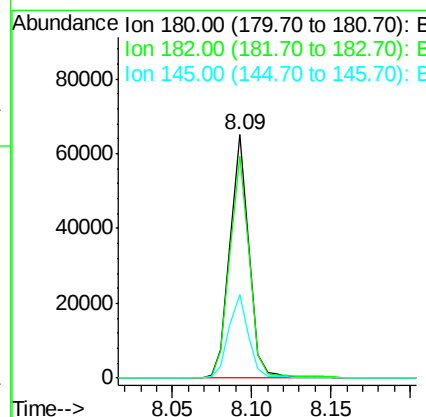
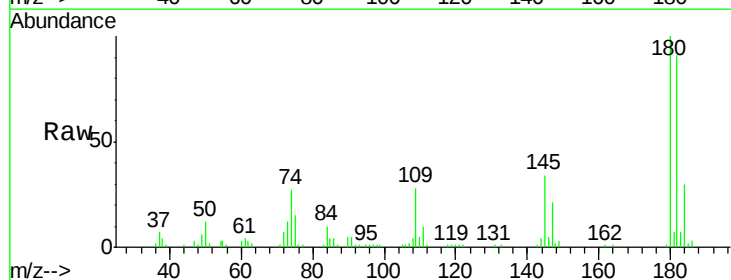
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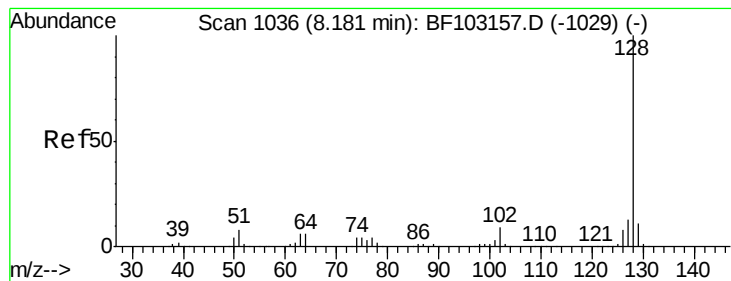
Sohil
 2/26/2018 9:54:34 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 5.093 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Tgt Ion:	180	Resp:	54659
Ion Ratio	Lower	Upper	
180	100		
182	91.0	76.8	115.2
145	34.2	26.5	39.7





#31

Naphthalene

Concen: 5.381 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Instrument :

BNA_F

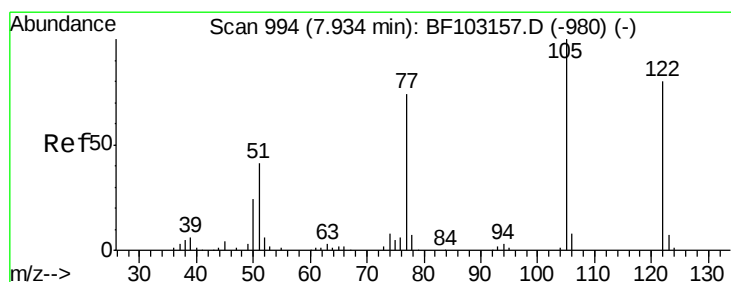
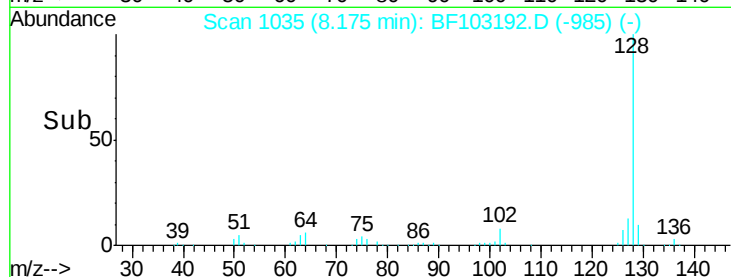
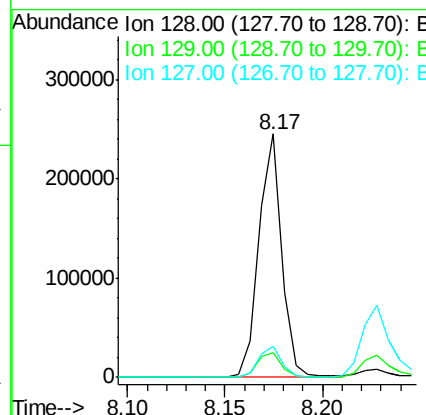
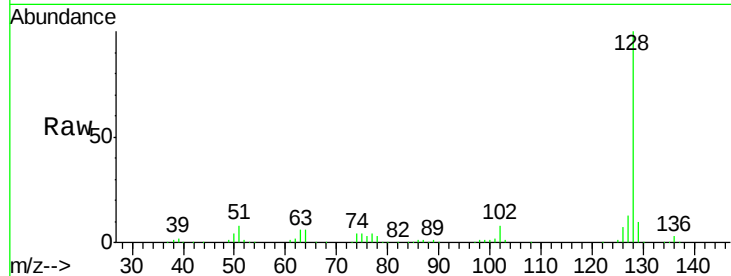
ClientSampleId :

MDL-SOIL-03-QT1-2018

Tgt Ion:	128	Resp:	199886
Ion Ratio	Lower	Upper	
128	100		
129	10.2	8.8	13.2
127	13.0	10.9	16.3

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#32

Benzoic acid

Concen: 9.401 ng

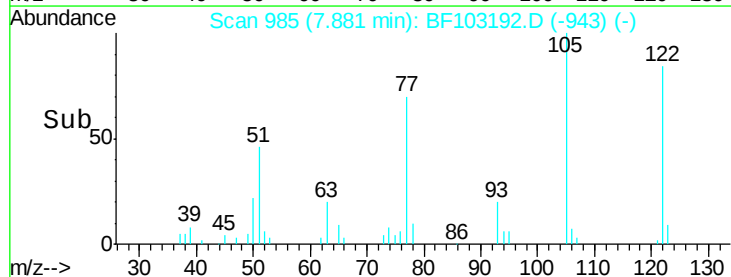
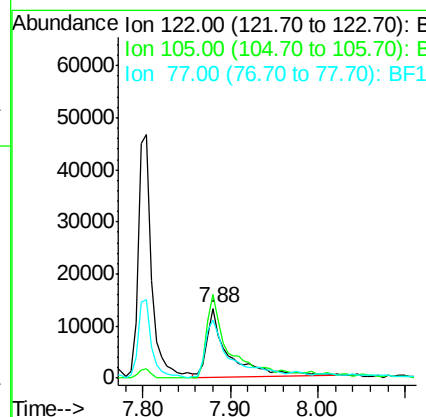
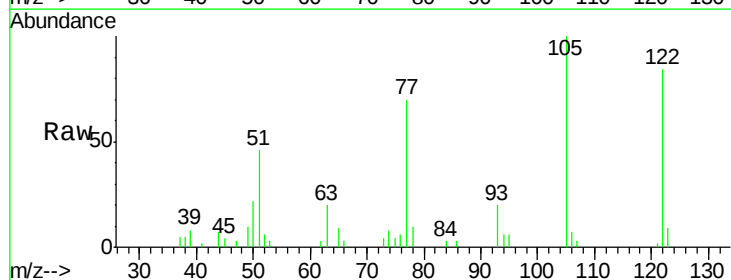
RT: 7.88 min Scan# 985

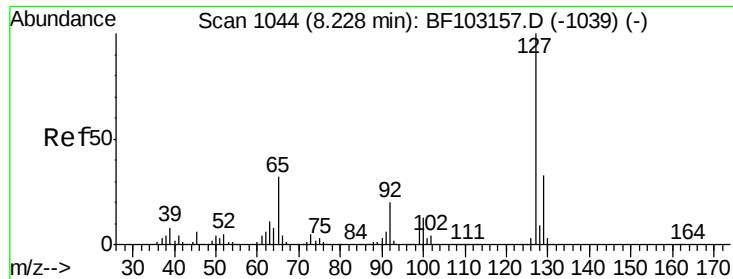
Delta R.T. -0.05 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Tgt Ion:	122	Resp:	22692
Ion Ratio	Lower	Upper	
122	100		
105	119.5	101.1	141.1
77	83.6	70.7	110.7





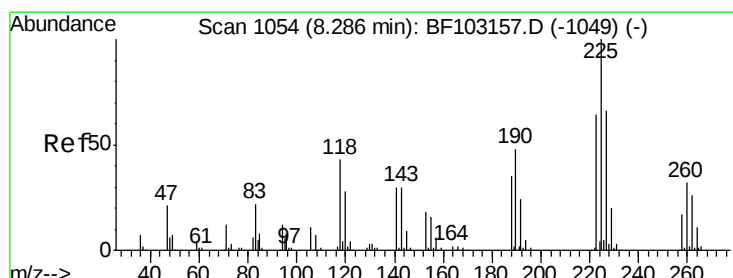
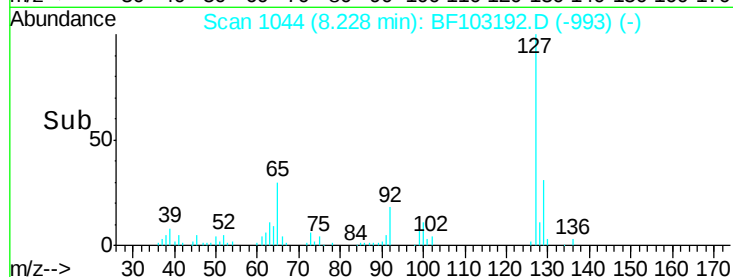
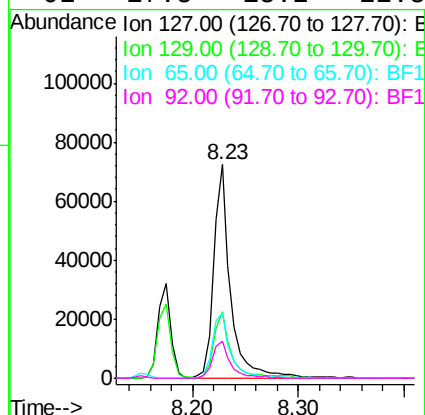
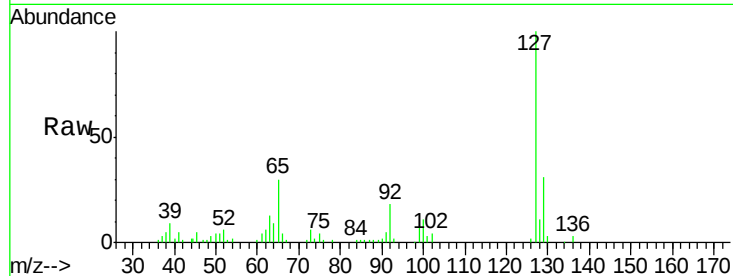
#33
 4-Chloroaniline
 Concen: 5.093 ng
 RT: 8.23 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

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

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	81644		
129	31.4	25.9	38.9	
65	30.4	25.0	37.4	
92	17.5	15.2	22.8	

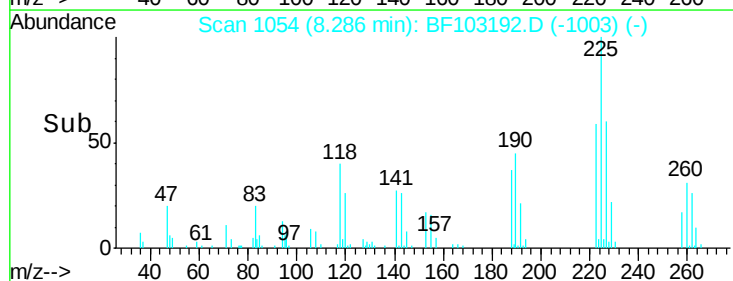
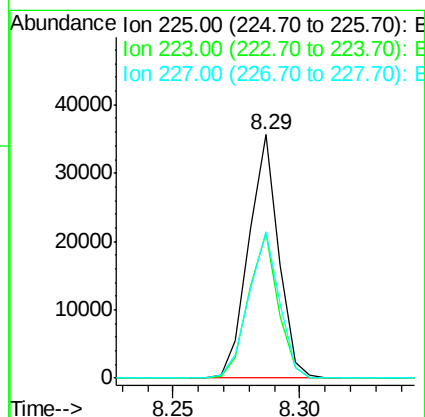
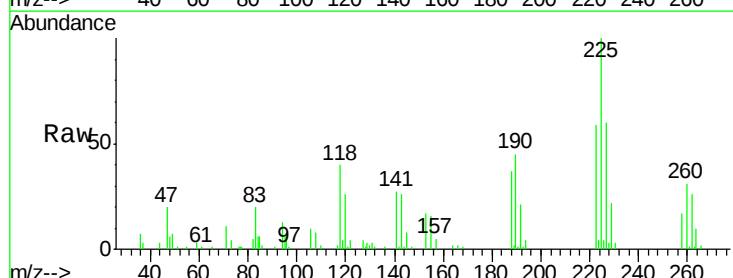
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#34
 Hexachlorobutadiene
 Concen: 5.231 ng
 RT: 8.29 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	29237		
223	59.5	50.6	76.0	
227	59.9	51.9	77.9	





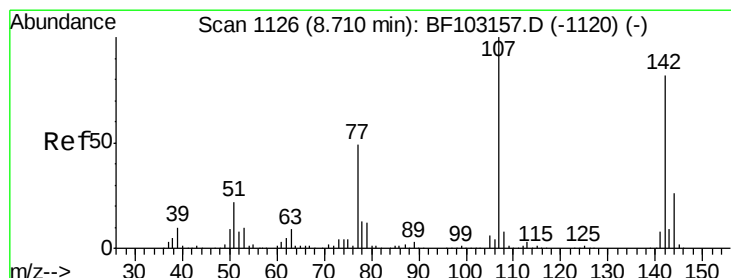
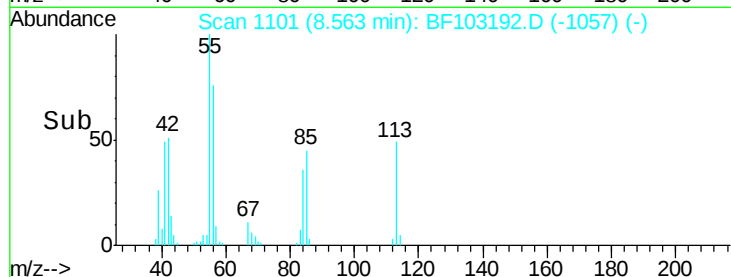
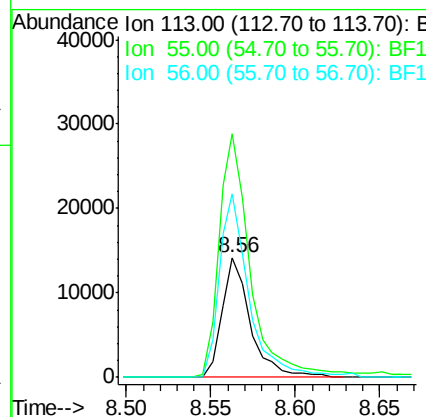
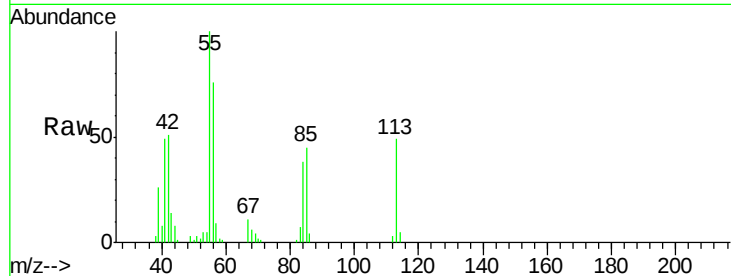
#35
 Caprolactam
 Concen: 4.702 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.04 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

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

Tgt Ion: 113 Resp: 16654
 Ion Ratio Lower Upper
 113 100
 55 203.8 163.3 203.3#
 56 153.9 115.7 155.7

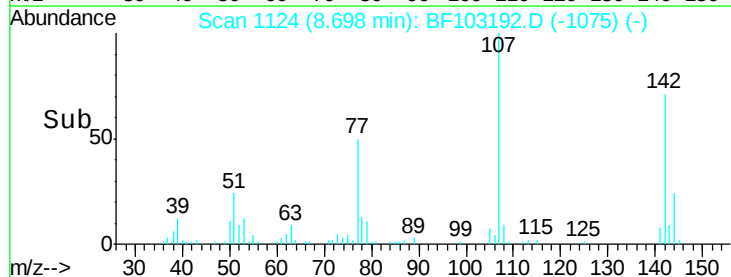
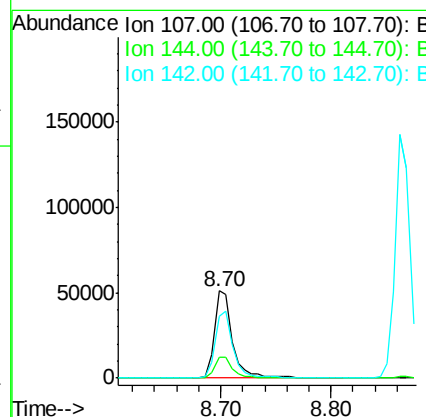
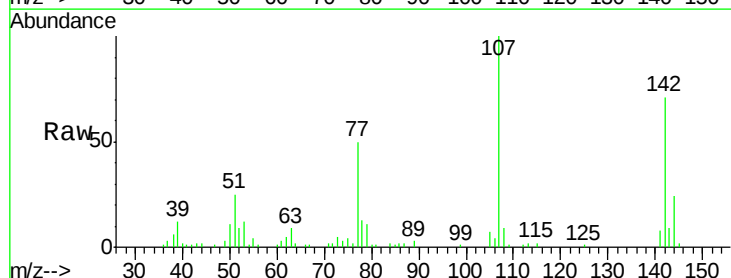
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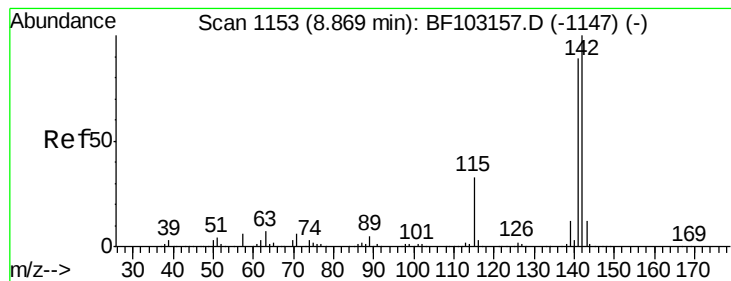
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#36
 4-Chloro-3-methylphenol
 Concen: 5.015 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Tgt Ion: 107 Resp: 57013
 Ion Ratio Lower Upper
 107 100
 144 24.0 20.5 30.7
 142 71.2 62.0 93.0





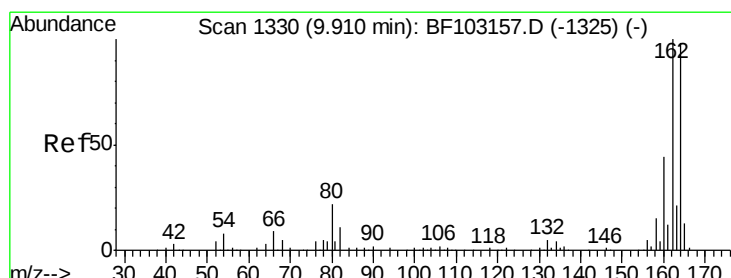
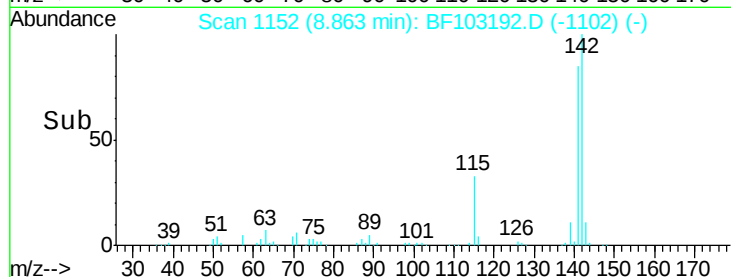
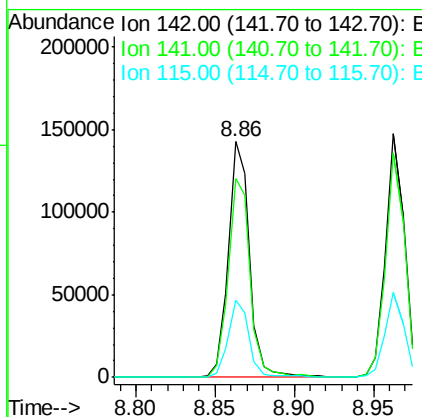
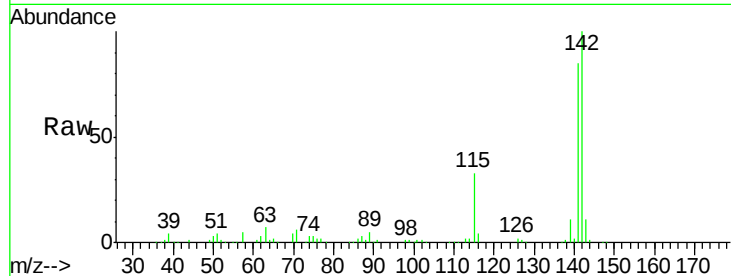
#37
2-Methylnaphthalene
Concen: 5.510 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

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

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	132282		
141	84.6	70.8	106.2	
115	32.9	26.1	39.1	

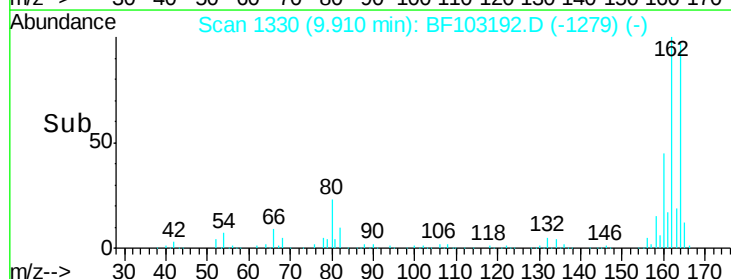
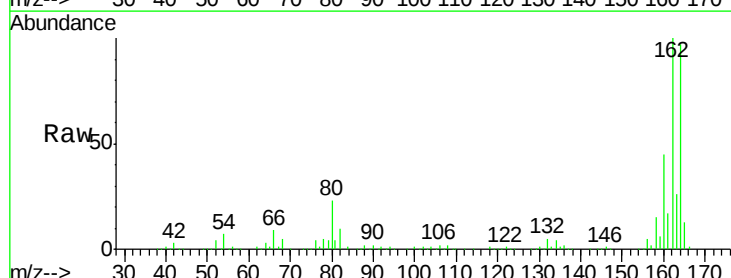
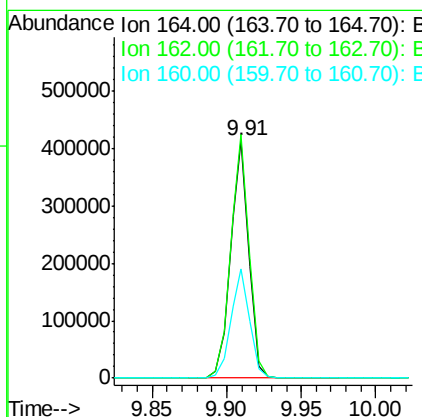
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	355593		
162	102.6	86.1	129.1	
160	45.8	38.3	57.5	





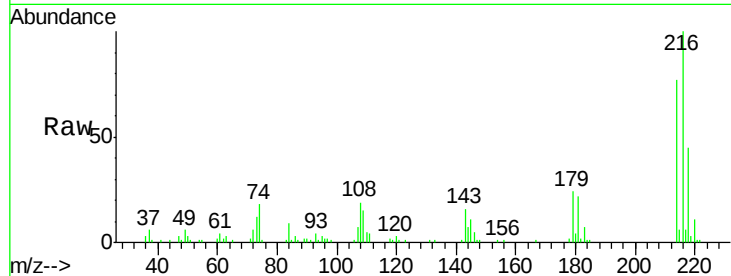
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 5.153 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

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

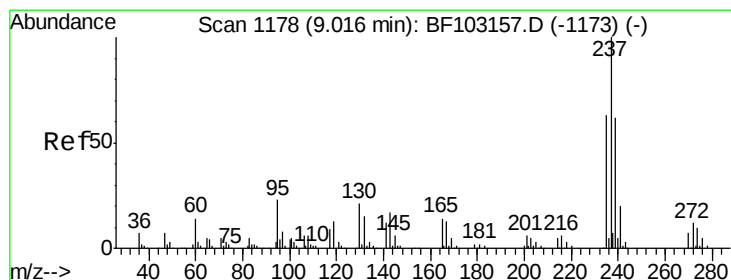
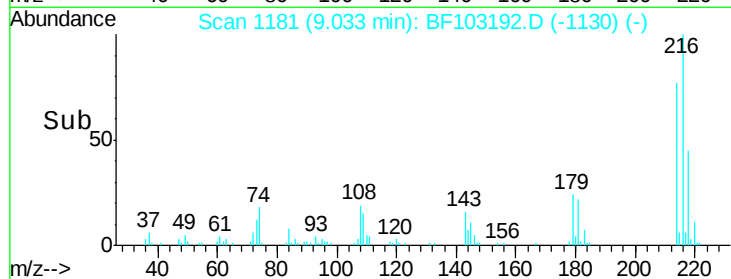
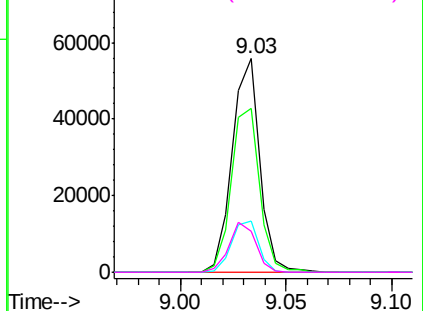
Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	23.8	18.1	27.1
108	22.6	17.2	25.8

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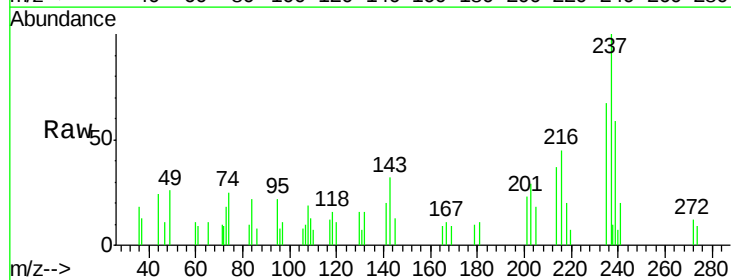


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

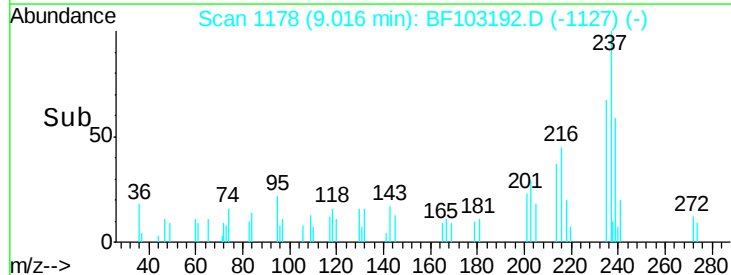
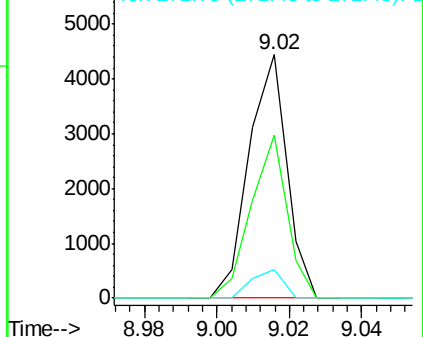


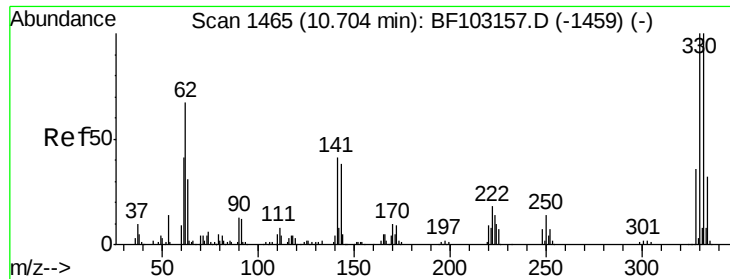
#40
 Hexachlorocyclopentadiene
 Concen: 9.716 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Tgt Ion	Ratio	Lower	Upper
237	100		
235	67.2	44.8	84.8
272	11.8	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





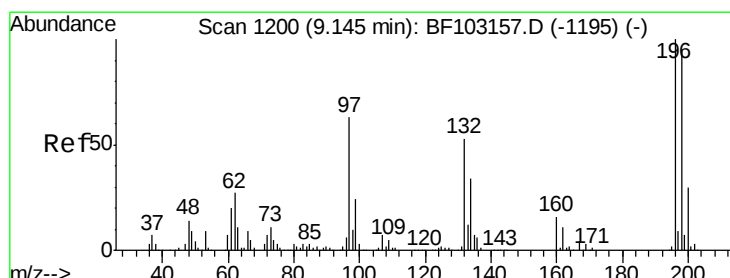
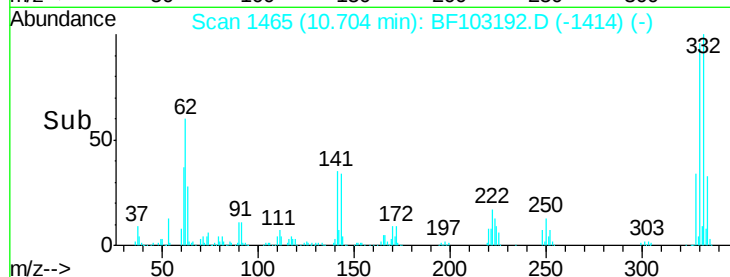
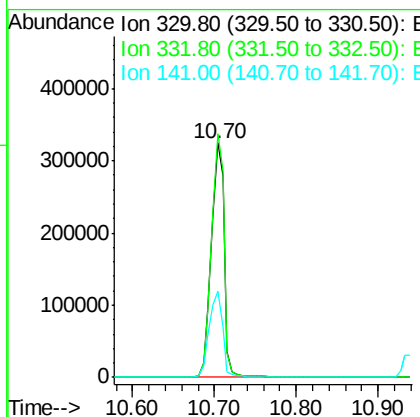
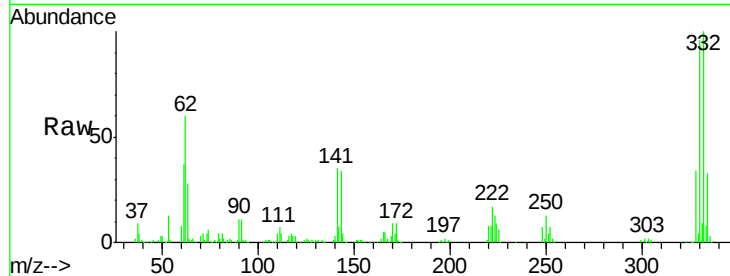
#41
 2,4,6-Tribromophenol
 Concen: 118.371 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

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

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	356286		
332	102.0	77.0	115.6	
141	37.8	29.9	44.9	

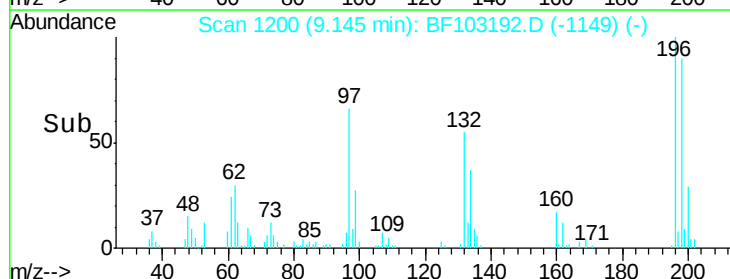
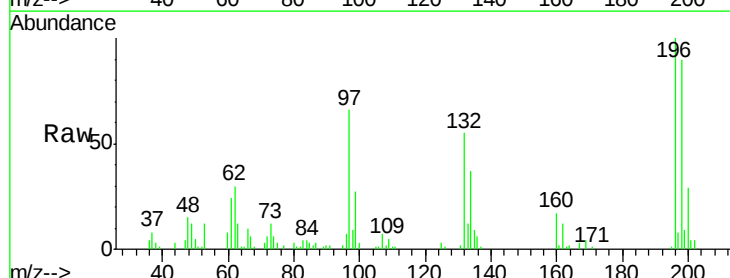
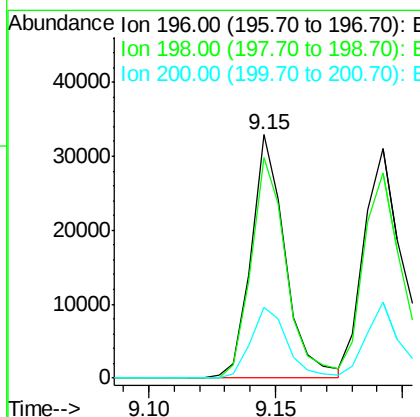
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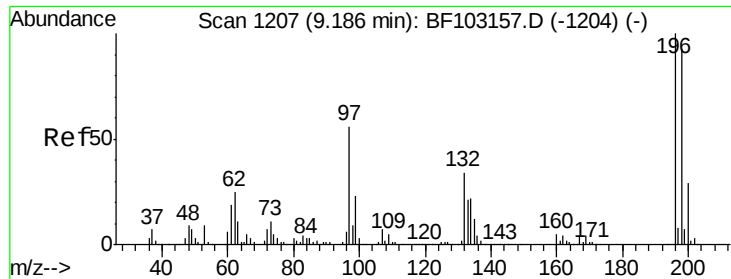
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#42
 2,4,6-Trichlorophenol
 Concen: 4.740 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

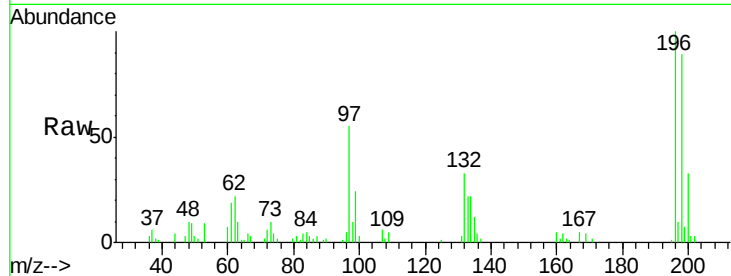
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	31003		
198	90.4	75.7	113.5	
200	29.1	24.5	36.7	





#43
 2,4,5-Trichlorophenol
 Concen: 4.784 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

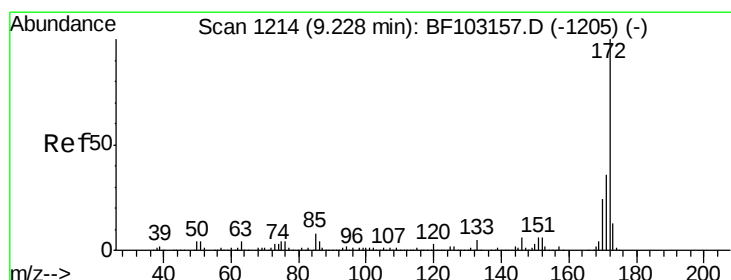
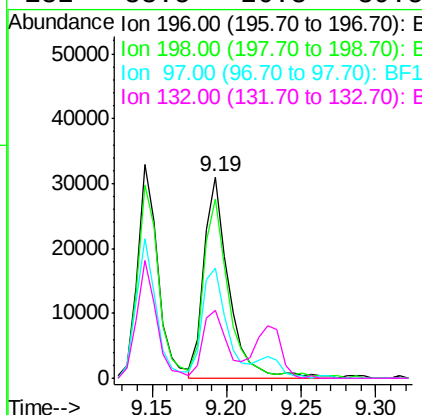
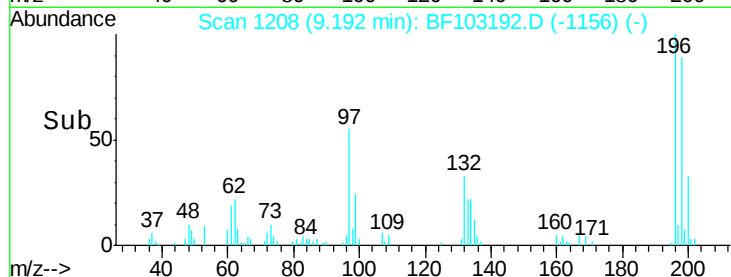
Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2018



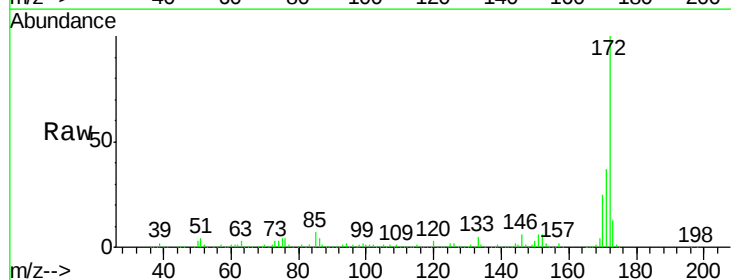
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	35991		
198	89.2	74.6	112.0	
97	54.5	42.9	64.3	
132	33.5	26.3	39.5	

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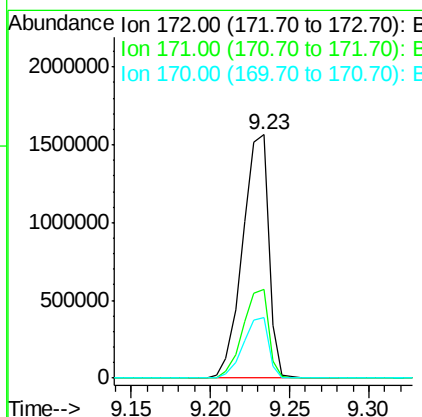
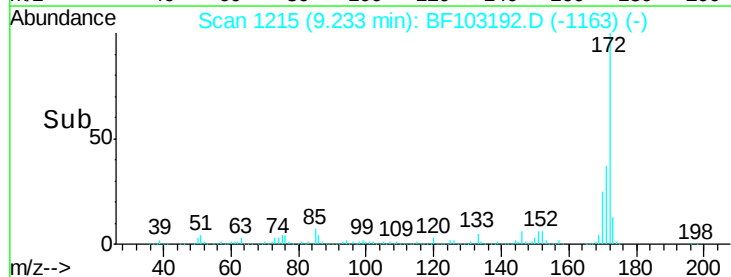
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 2/26/2018 9:54:34 AM

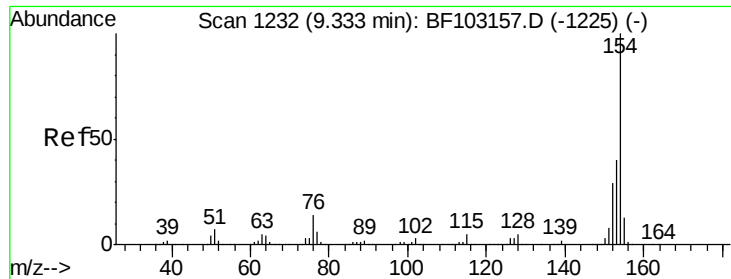


#44
 2-Fluorobiphenyl
 Concen: 86.811 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1783224		
171	36.5	29.7	44.5	
170	24.7	19.6	29.4	





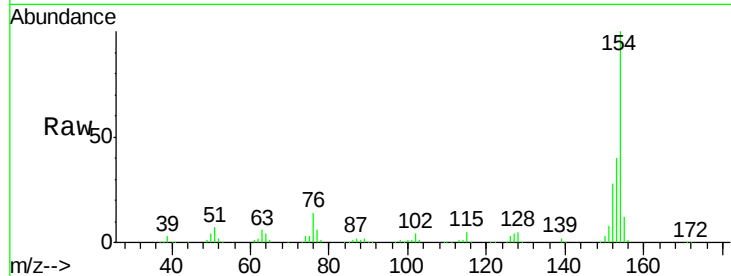
#45
 1,1'-Biphenyl
 Concen: 5.584 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

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

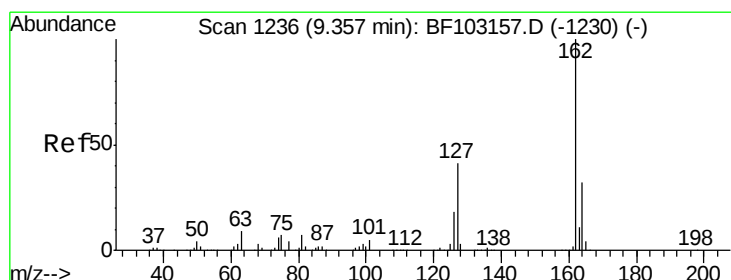
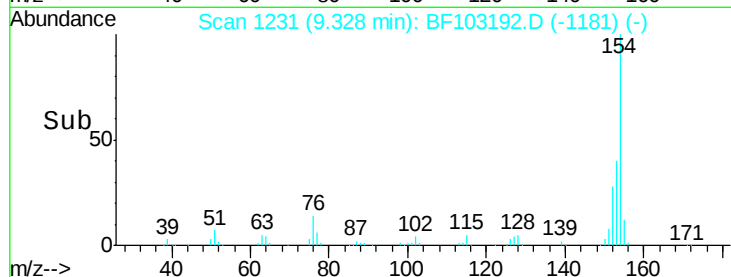
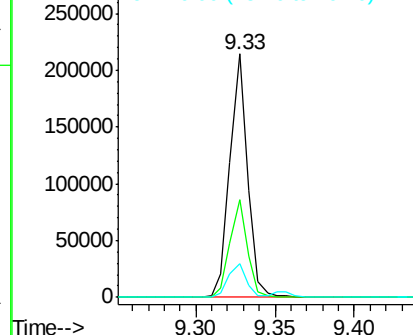
Tgt Ion:	154	Resp:	166388
Ion Ratio	Lower	Upper	
154	100		
153	40.1	21.3	61.3
76	14.1	0.0	34.0

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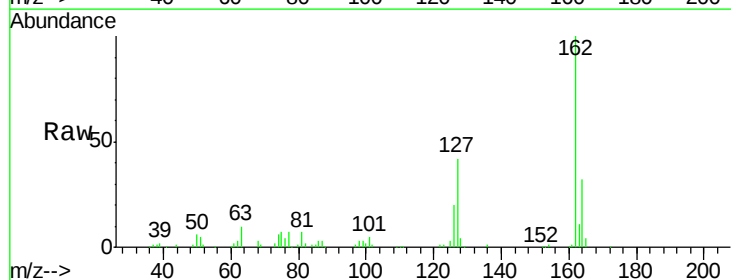


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

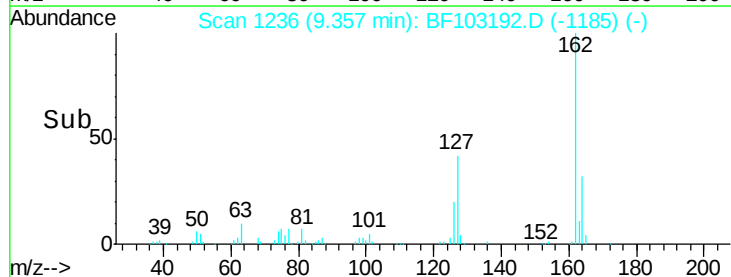
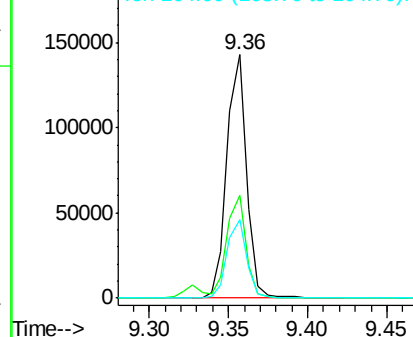


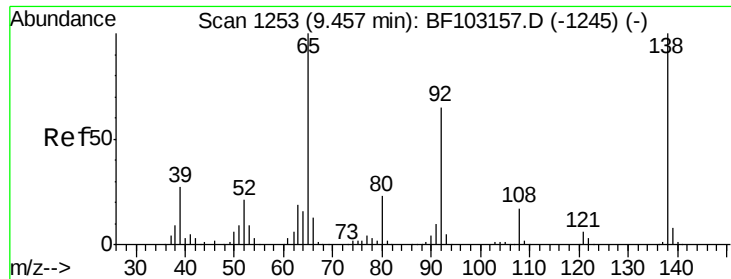
#46
 2-Chloronaphthalene
 Concen: 5.204 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Tgt Ion:	162	Resp:	122667
Ion Ratio	Lower	Upper	
162	100		
127	42.0	33.9	50.9
164	32.1	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





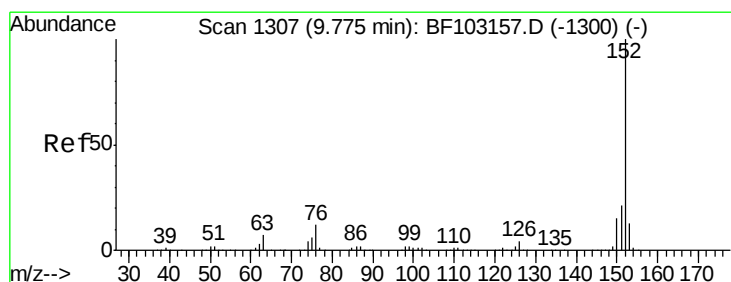
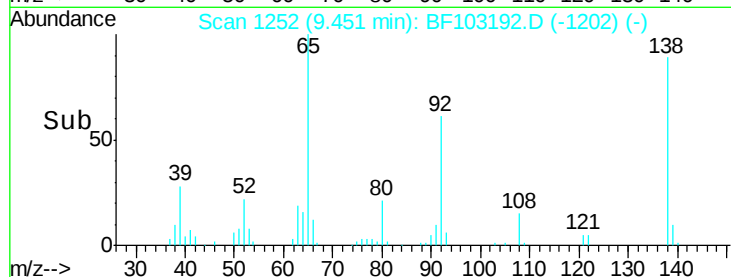
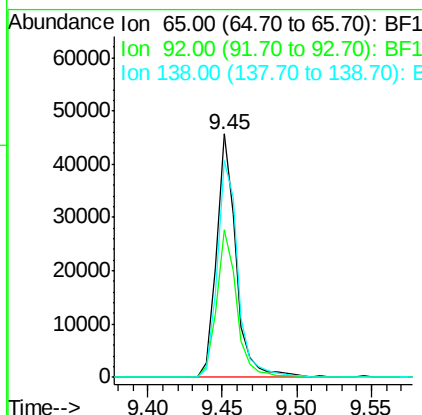
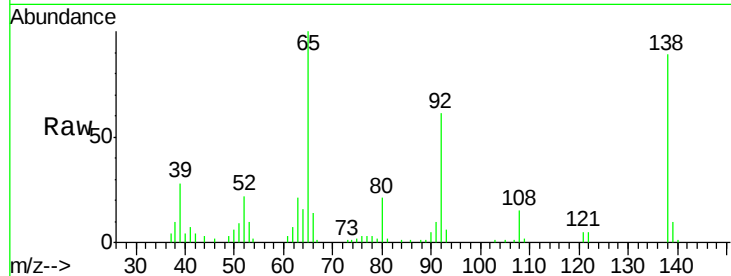
#47
2-Nitroaniline
Concen: 4.777 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

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

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.7	55.8	83.6
138	89.3	91.2	136.8

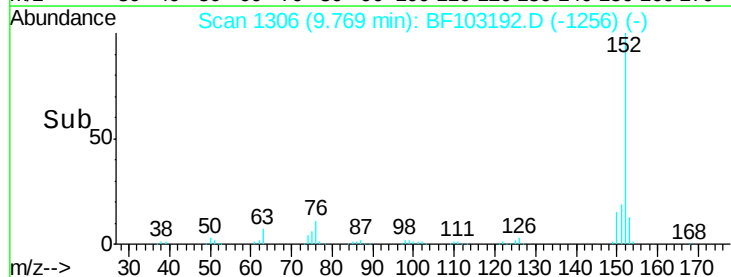
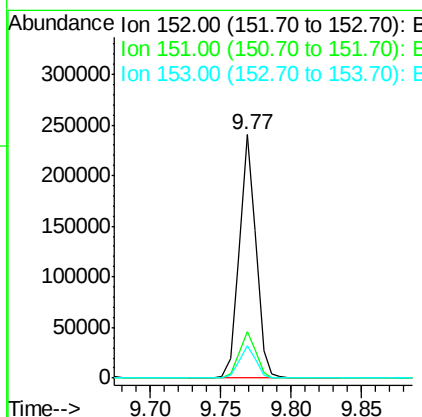
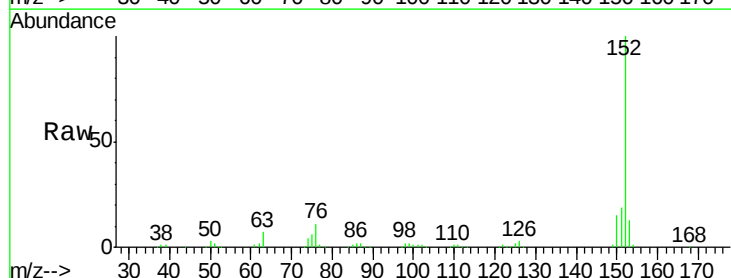
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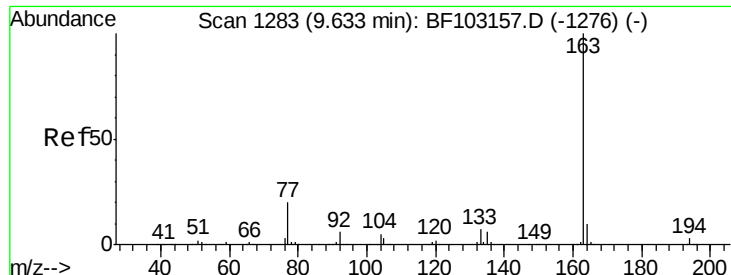
Sohil
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#48
Acenaphthylene
Concen: 5.456 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.3	24.5
153	13.2	10.7	16.1





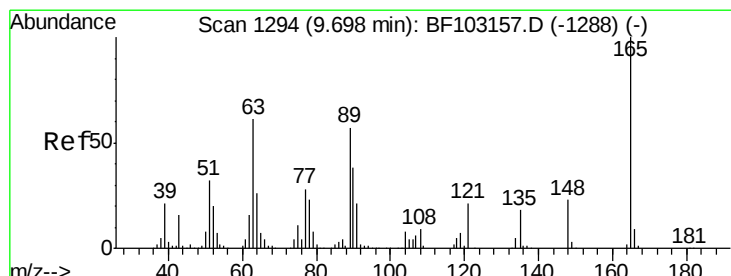
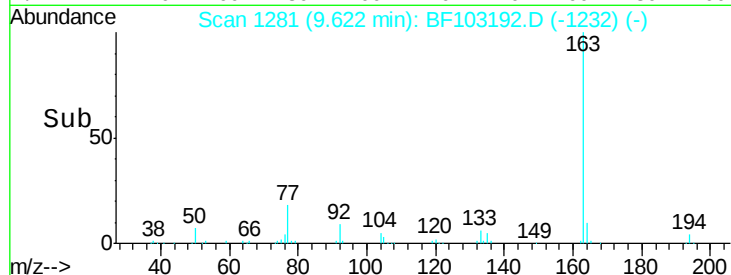
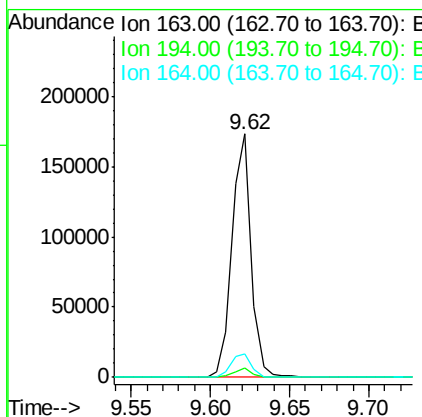
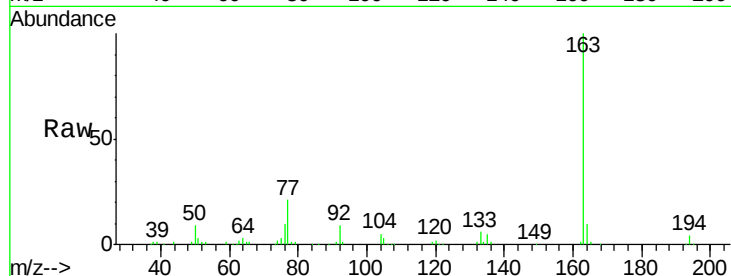
#49
Dimethylphthalate
Concen: 5.100 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

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

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	145472		
194	3.7	2.7	4.1	
164	9.9	8.2	12.2	

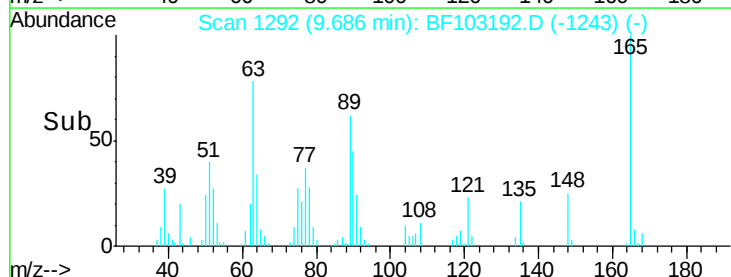
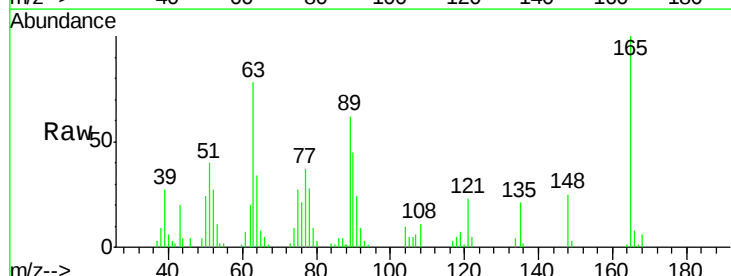
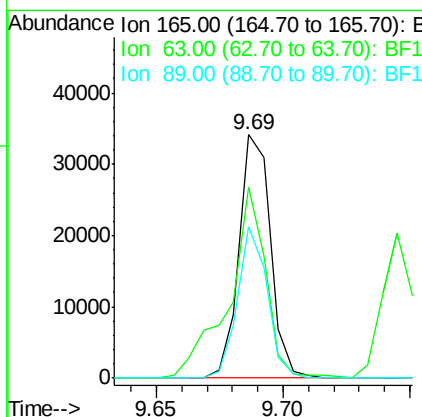
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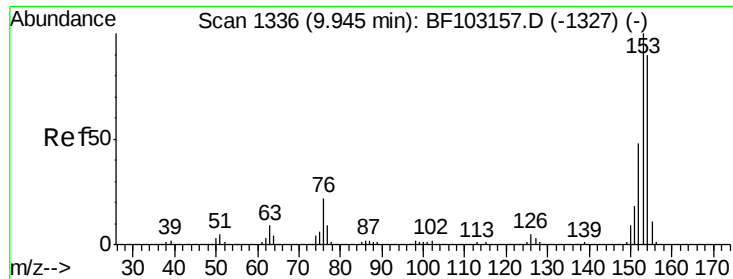
Sohil
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#50
2,6-Dinitrotoluene
Concen: 4.904 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	29354		
63	78.3	44.7	67.1#	
89	62.3	44.0	66.0	





#51

Acenaphthene

Concen: 5.657 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Instrument :

BNA_F

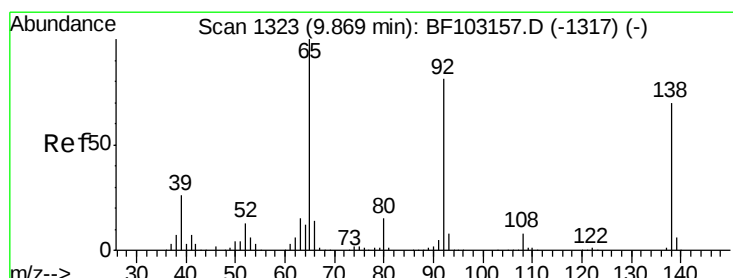
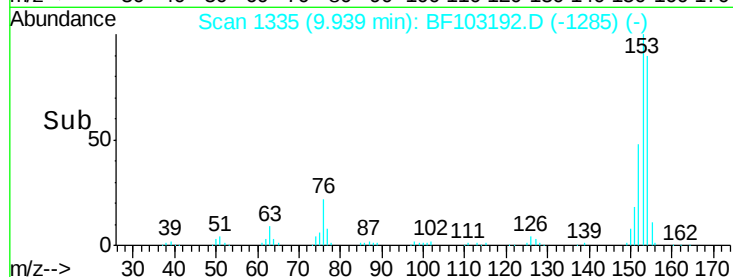
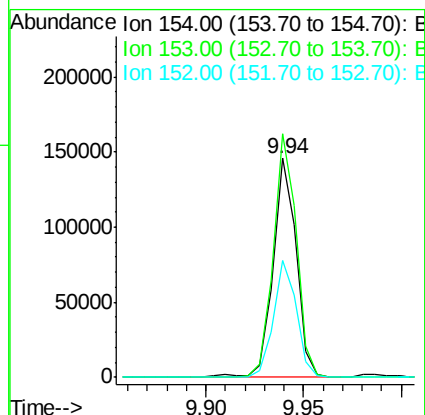
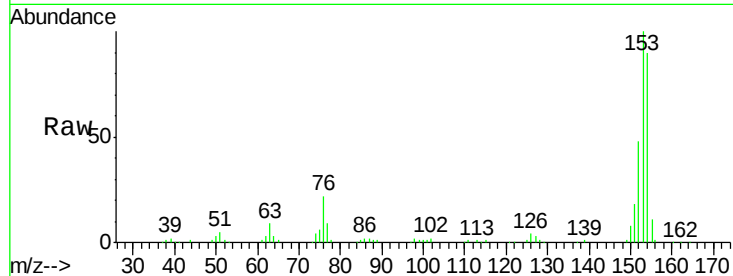
ClientSampleId :

MDL-SOIL-03-QT1-2018

Tgt Ion:	154	Resp:	119647
Ion Ratio	Lower	Upper	
154	100		
153	111.2	91.2	136.8
152	53.6	43.8	65.8

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#52

3-Nitroaniline

Concen: 4.525 ng

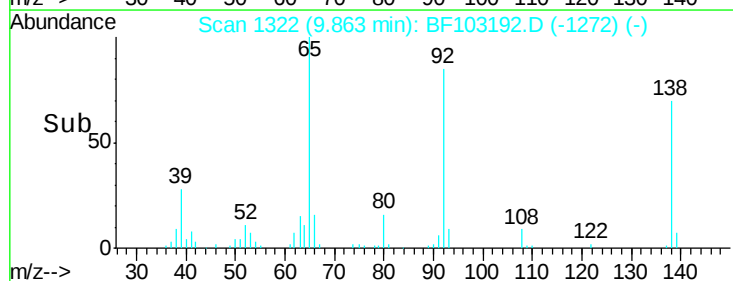
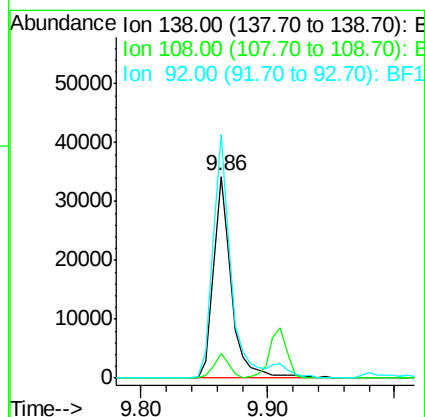
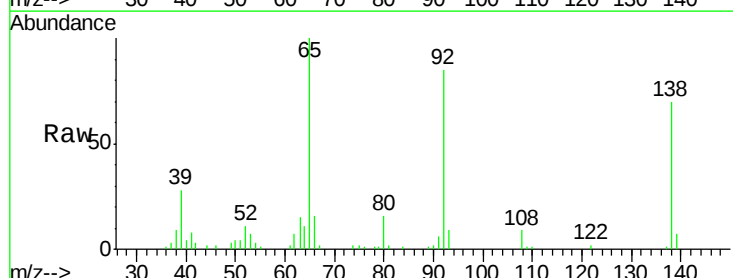
RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Tgt Ion:	138	Resp:	34365
Ion Ratio	Lower	Upper	
138	100		
108	12.4	9.4	14.0
92	120.8	89.4	134.2





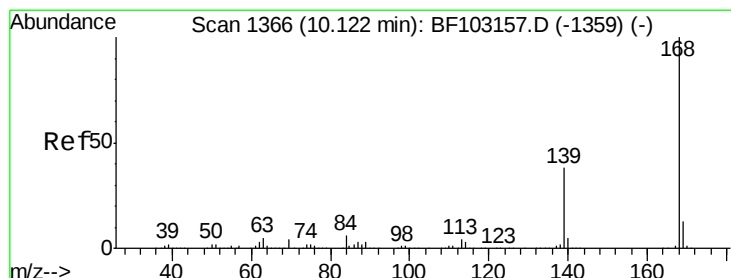
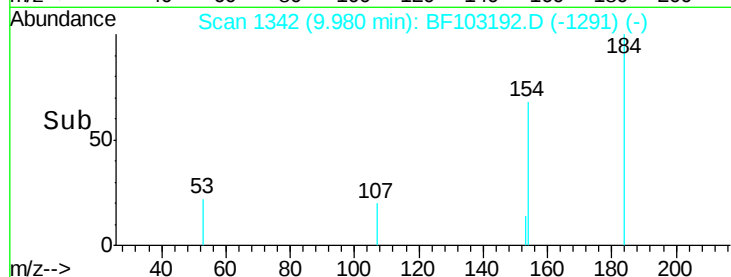
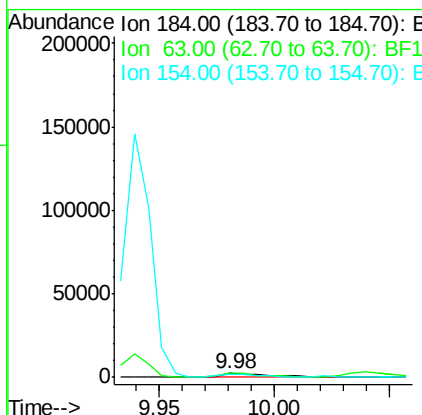
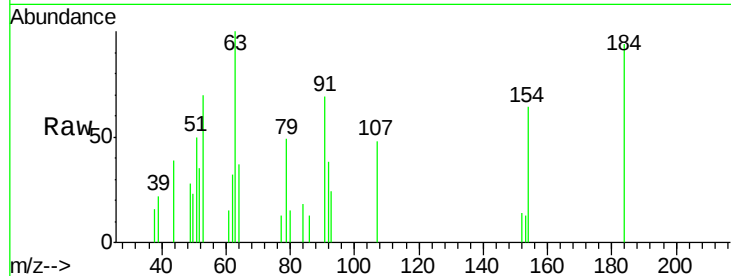
#53
2,4-Dinitrophenol
Concen: 11.140 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

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

Tgt Ion	Ratio	Lower	Upper
184	100		
63	106.6	54.2	81.2#
154	67.9	184.0	276.0#

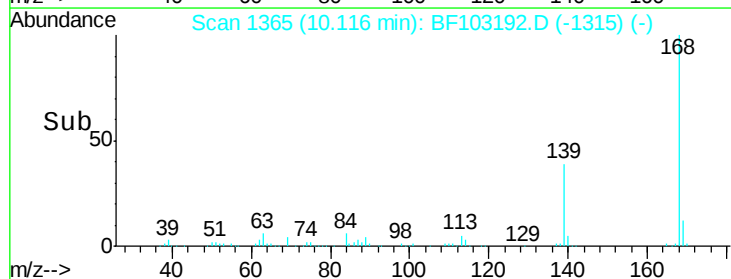
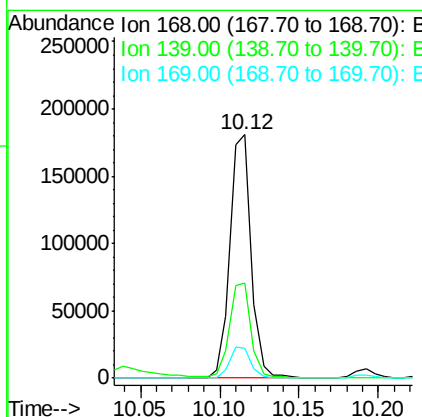
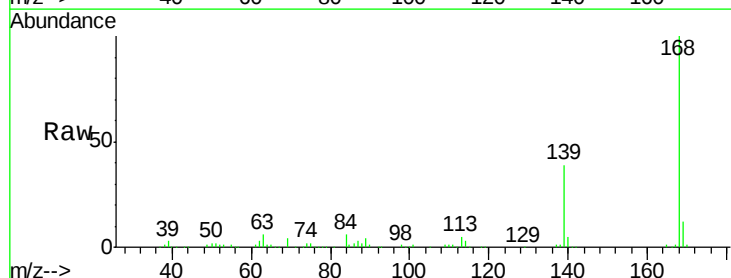
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#54
Dibenzofuran
Concen: 5.806 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.1	45.1
169	12.0	10.9	16.3





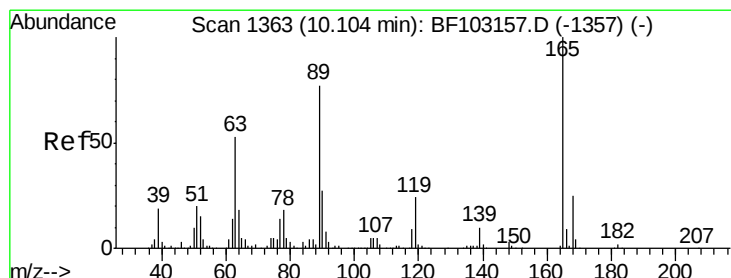
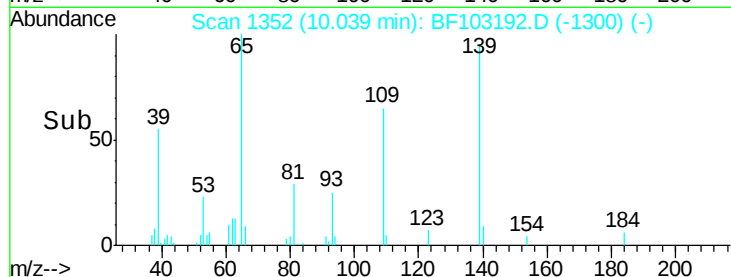
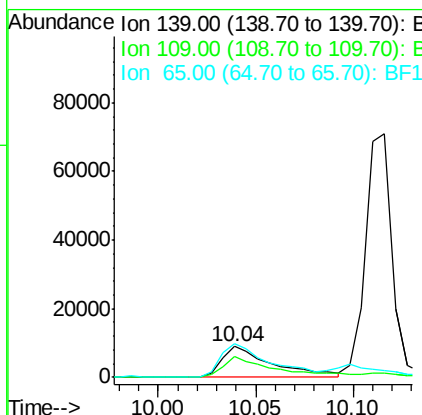
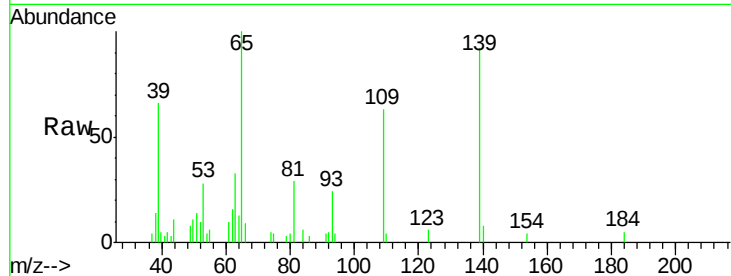
#55
4-Nitrophenol
Concen: 3.390 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

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

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	15956		
109	68.9	48.4	88.4	
65	109.2	72.6	112.6	

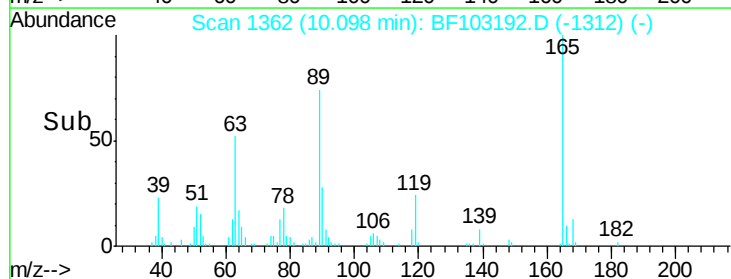
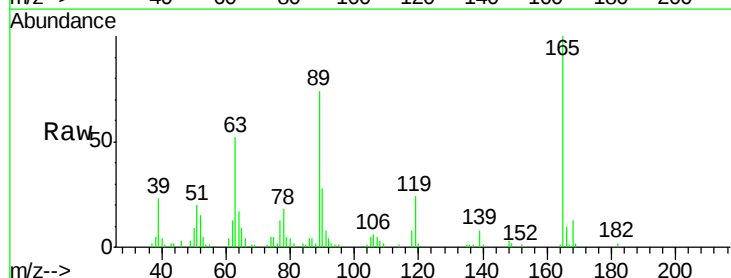
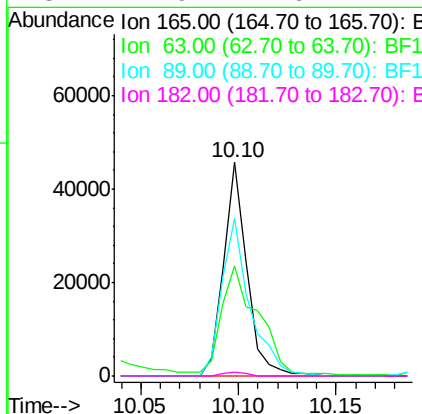
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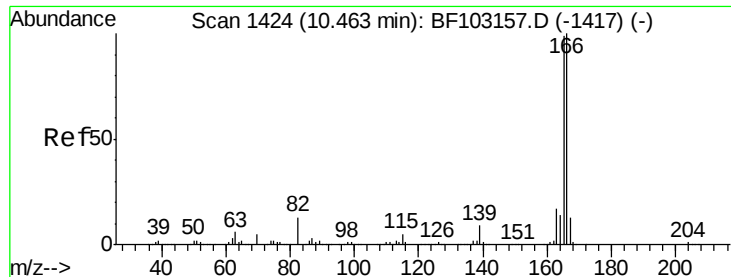
Sohil
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#56
2,4-Dinitrotoluene
Concen: 5.038 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	38141		
63	51.8	36.4	54.6	
89	73.9	57.8	86.6	
182	1.9	1.6	2.4	





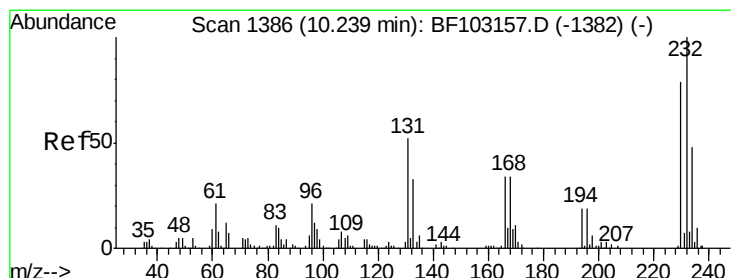
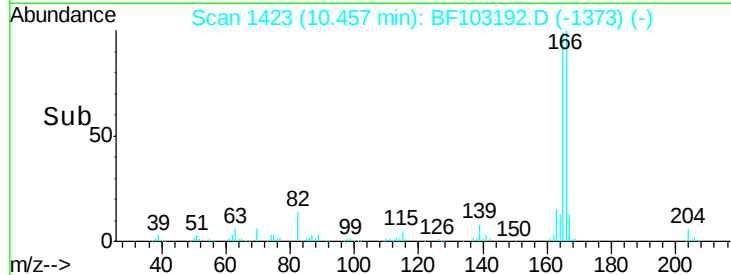
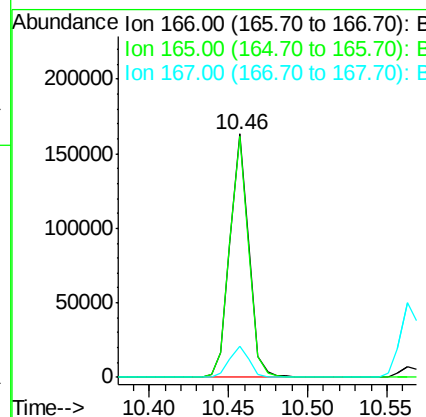
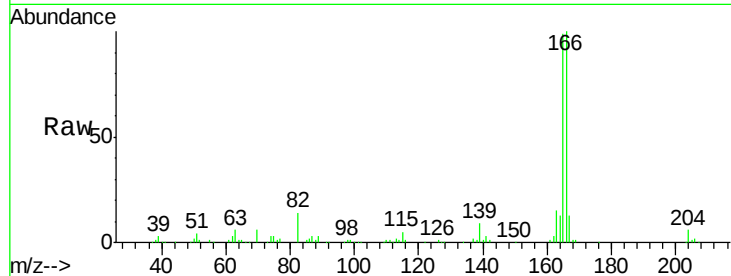
#57
 Fluorene
 Concen: 5.448 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

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

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	134732		
165	98.9	79.8	119.8	
167	12.6	10.6	16.0	

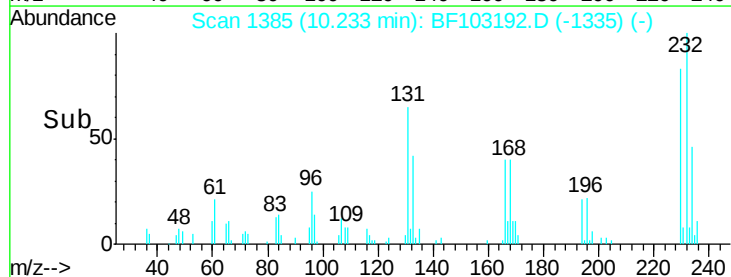
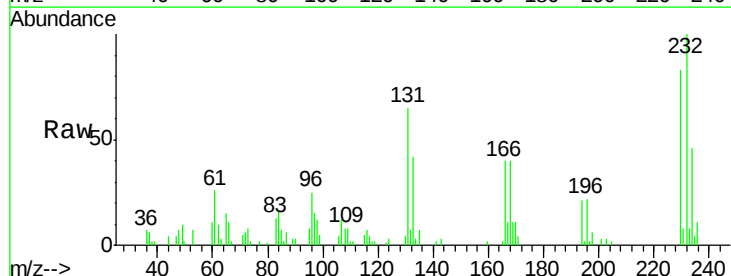
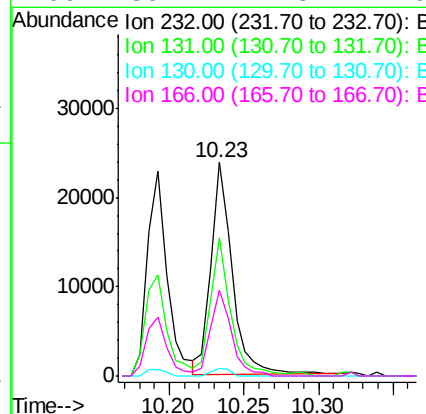
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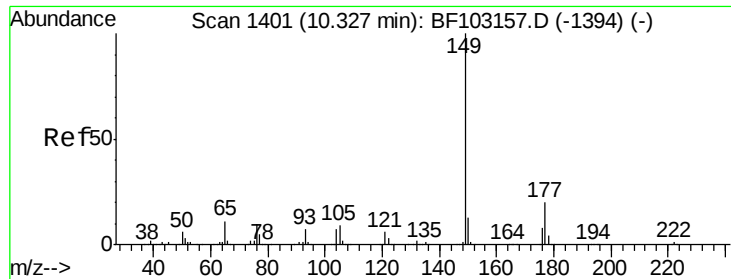
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 4.629 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	23394		
131	63.7	43.8	65.8	
130	3.1	2.1	3.1	
166	39.7	27.8	41.6	





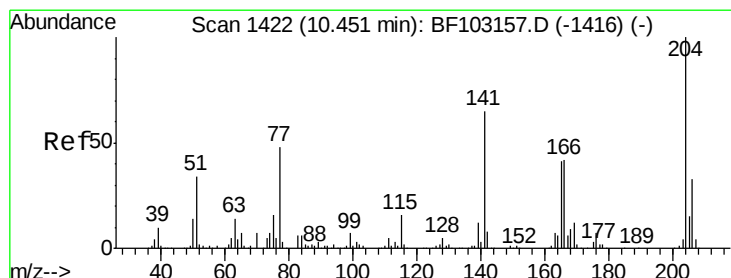
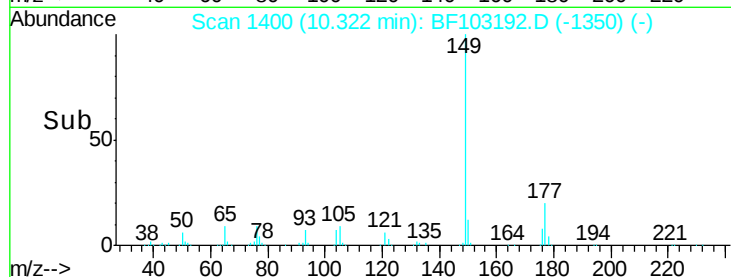
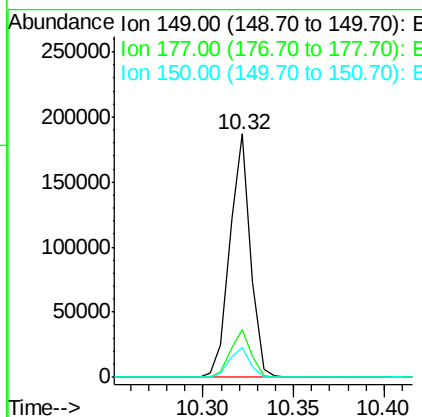
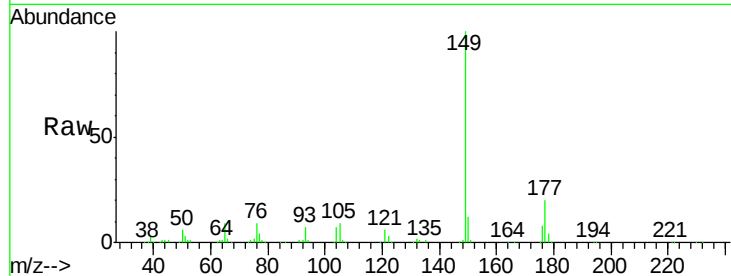
#59
Diethylphthalate
Concen: 5.430 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	19.8	16.1	24.1
150	12.1	10.1	15.1

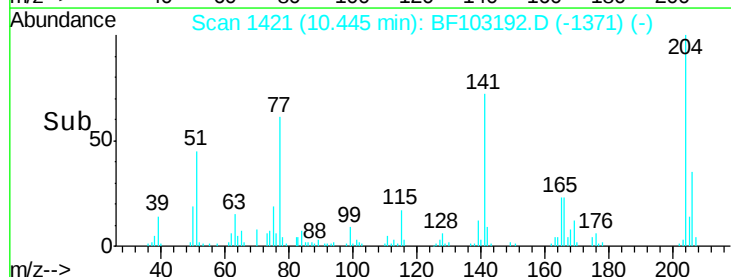
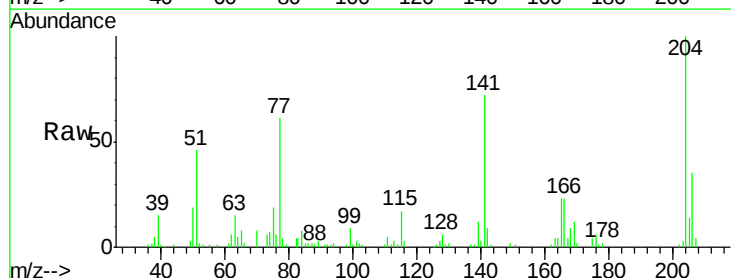
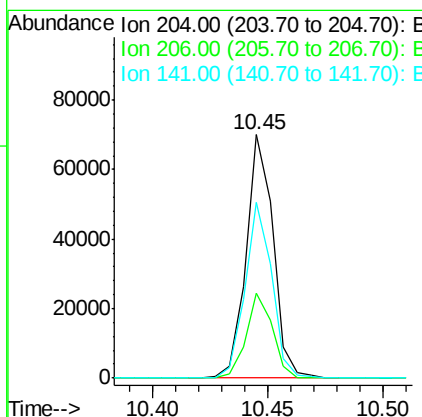
Manual Integrations
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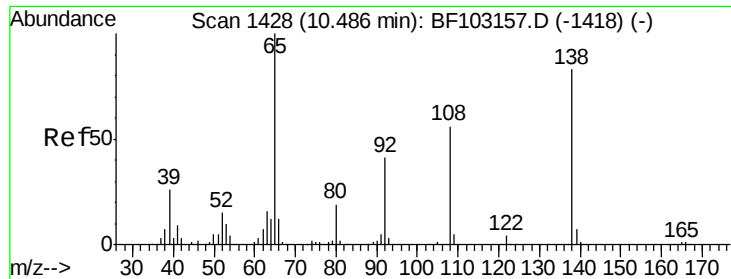
Sohil
2/26/2018 9:54:34 AM



#60
4-Chlorophenyl-phenylether
Concen: 5.464 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	34.7	26.5	39.7
141	72.4	54.6	81.8





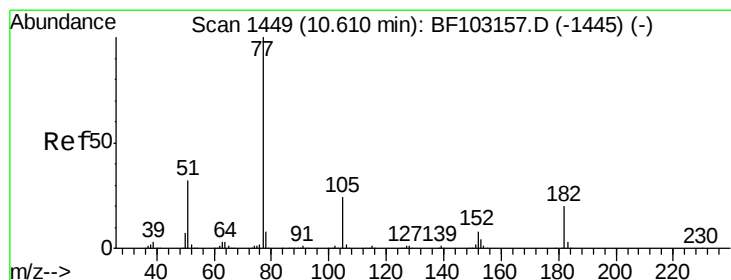
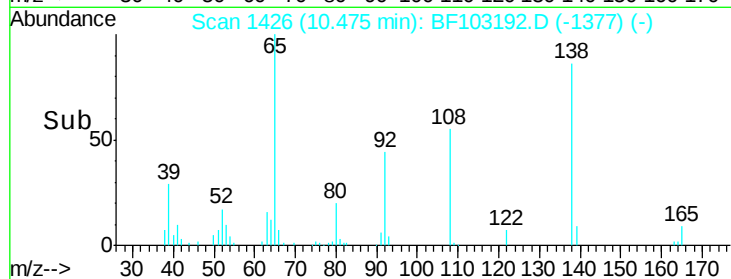
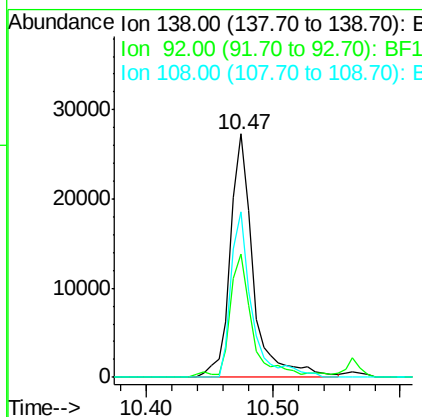
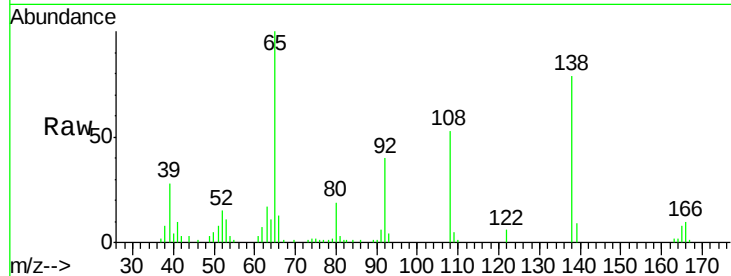
#61
 4-Nitroaniline
 Concen: 4.501 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

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

Tgt Ion:	138	Resp:	34147
Ion Ratio	Lower	Upper	
138	100		
92	50.7	30.2	70.2
108	67.9	52.5	92.5

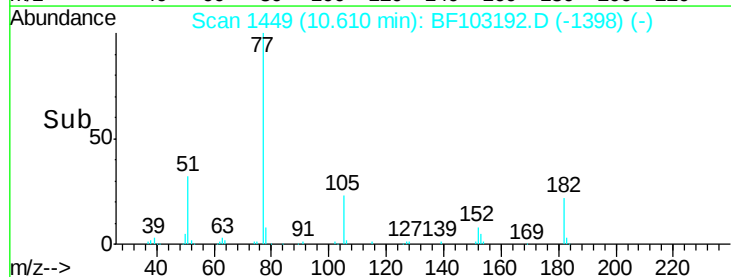
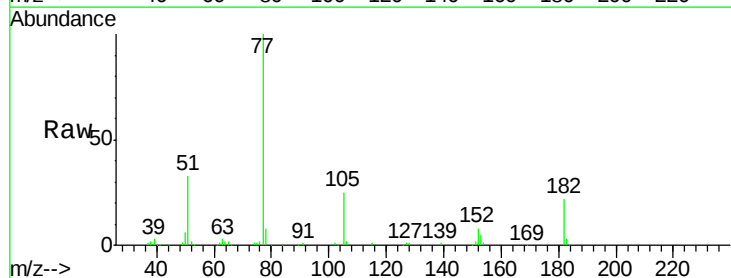
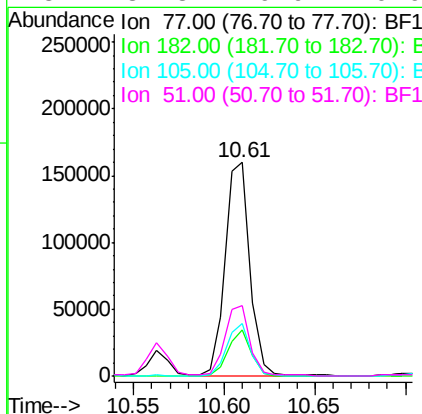
Manual Integrations
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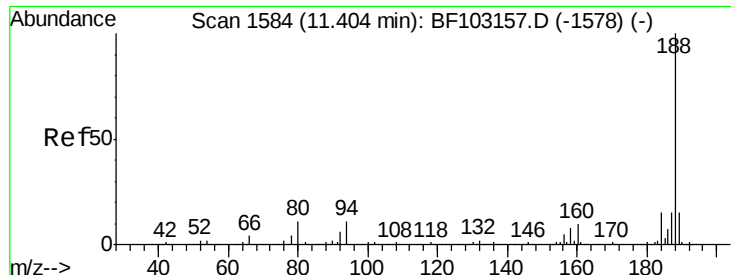
Sohil
 2/26/2018 9:54:34 AM



#62
 Azobenzene
 Concen: 5.500 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Tgt Ion:	77	Resp:	152743
Ion Ratio	Lower	Upper	
77	100		
182	21.6	1.7	41.7
105	24.7	3.0	43.0
51	32.8	9.9	49.9





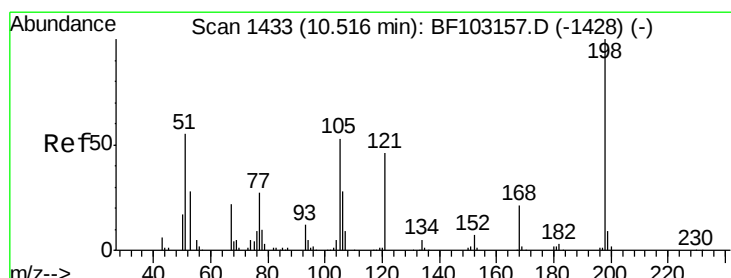
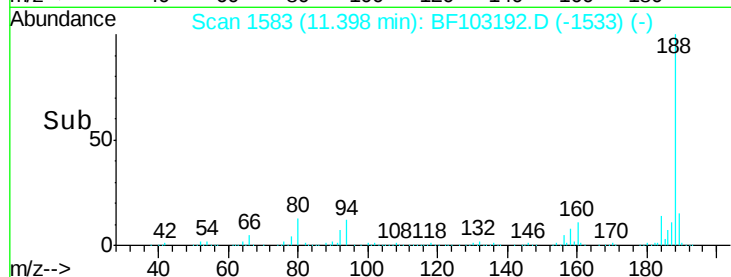
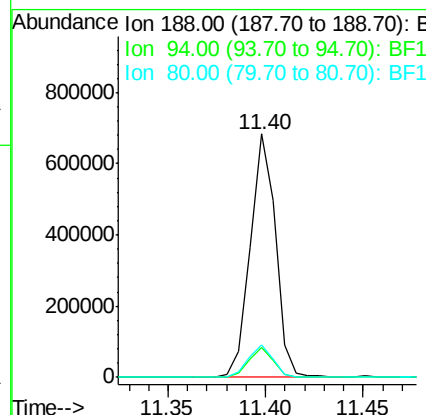
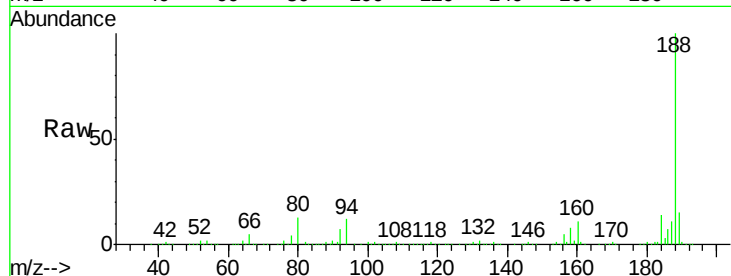
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.0	8.5	12.7
80	13.3	9.2	13.8

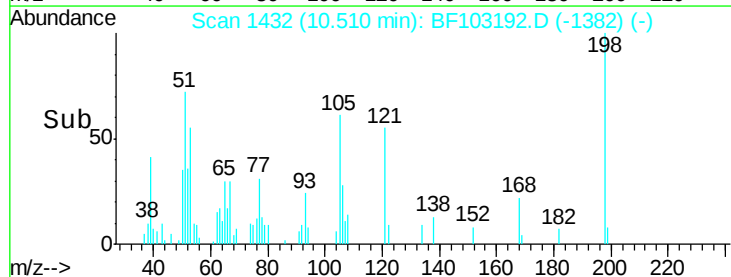
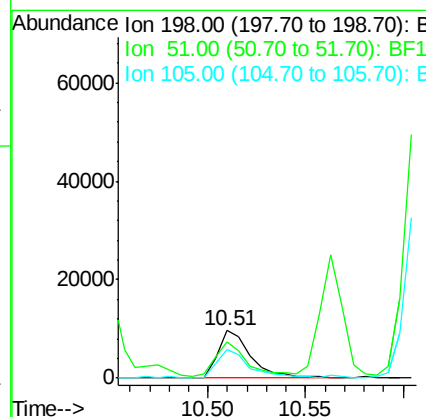
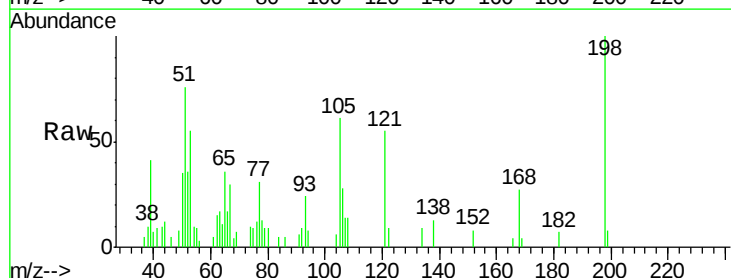
Manual Integrations
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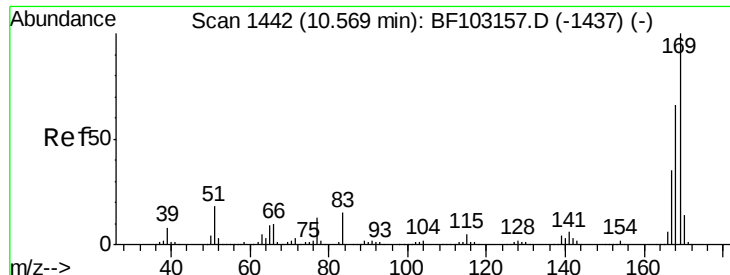
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 7.656 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	75.5	37.7	77.7
105	60.8	36.3	76.3





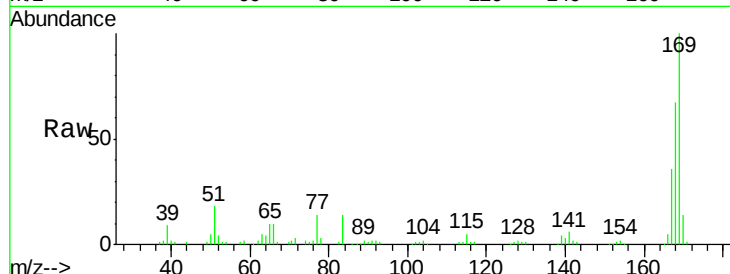
#65
n-Nitrosodiphenylamine
Concen: 5.324 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

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

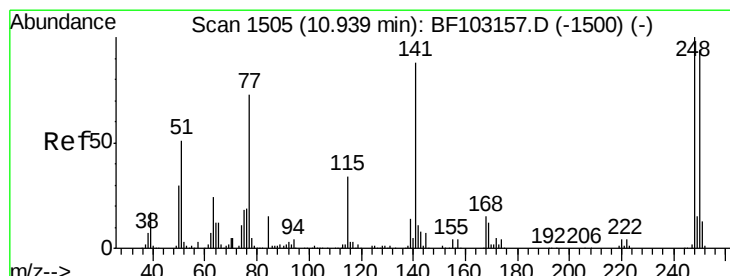
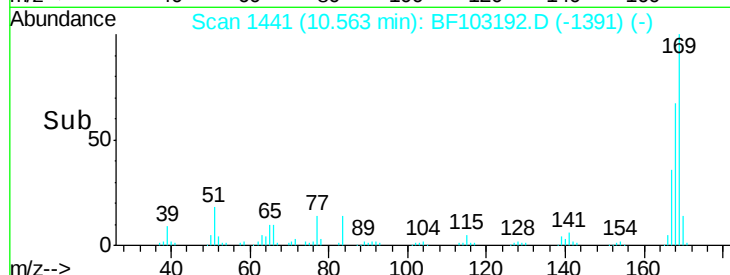
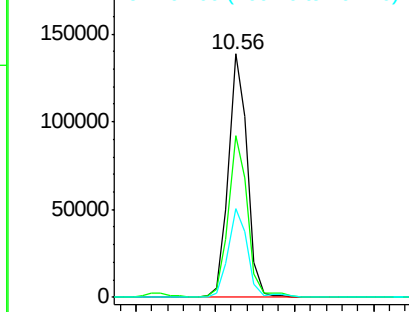
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	114356		
168	66.5	54.4	81.6	
167	36.4	29.8	44.6	

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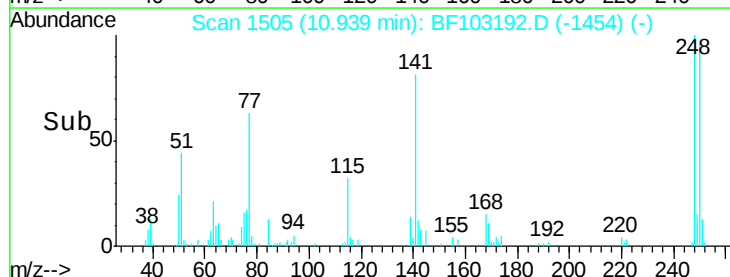
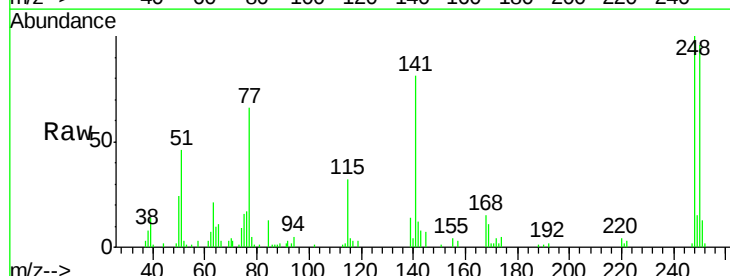
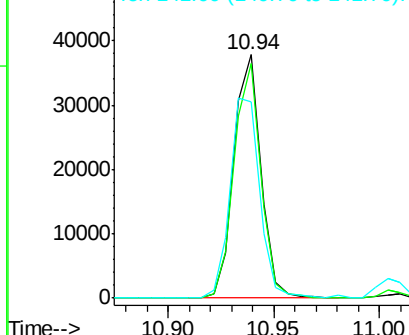
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

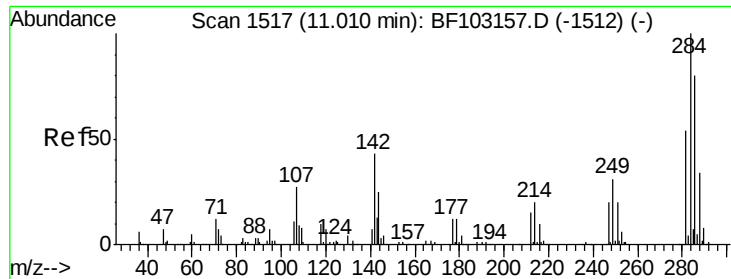


#66
4-Bromophenyl-phenylether
Concen: 5.192 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	33366		
250	96.4	76.9	115.3	
141	80.7	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





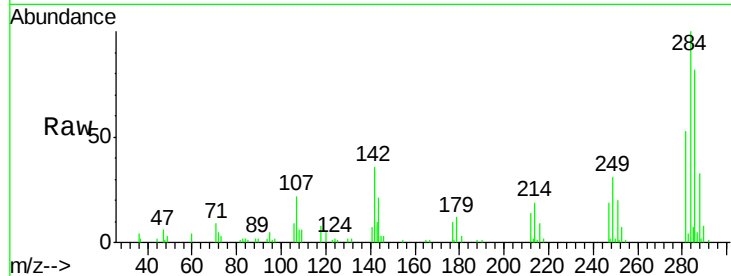
#67
Hexachlorobenzene
Concen: 5.162 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

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

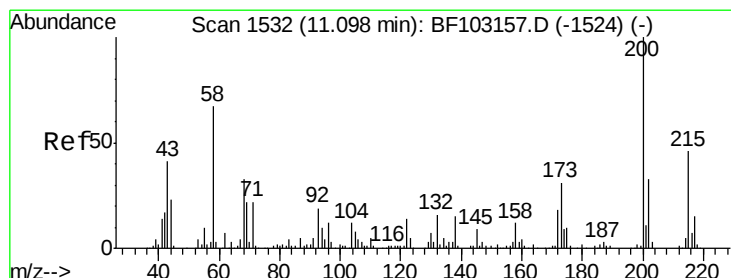
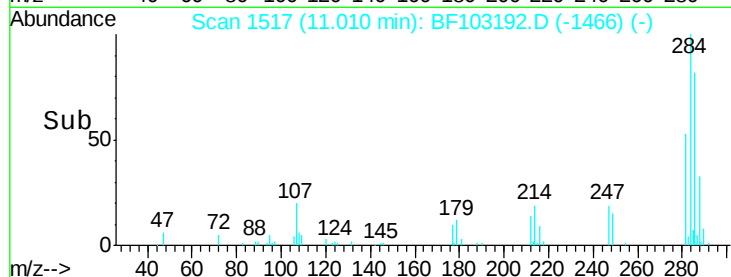
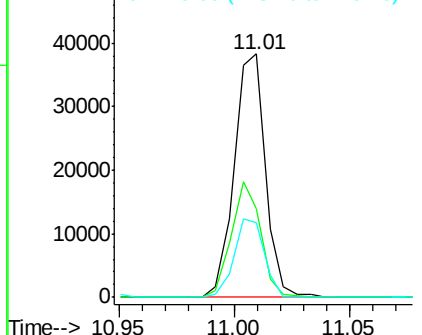
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	36003		
142	36.2		34.6	52.0
249	30.7		24.8	37.2

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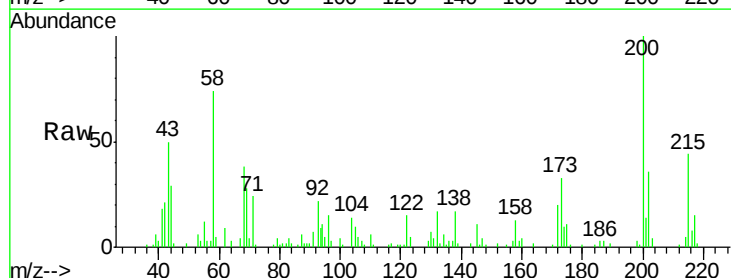


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

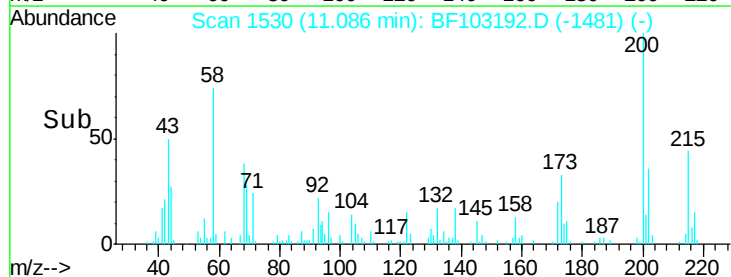
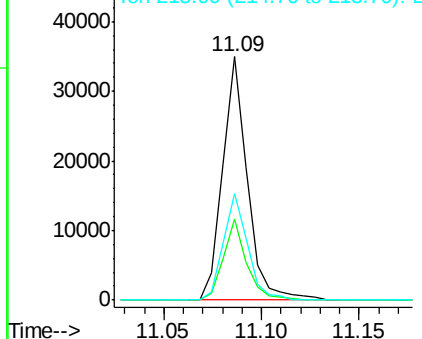


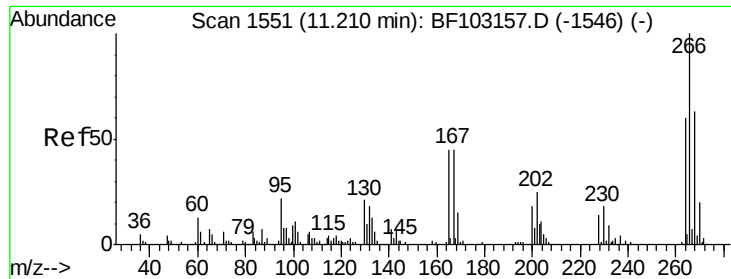
#68
Atrazine
Concen: 4.765 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	30761		
173	33.1		8.6	48.6
215	43.6		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





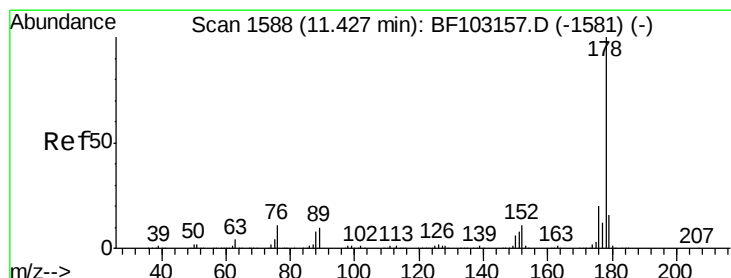
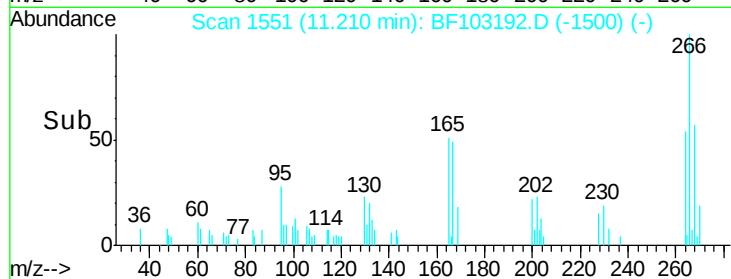
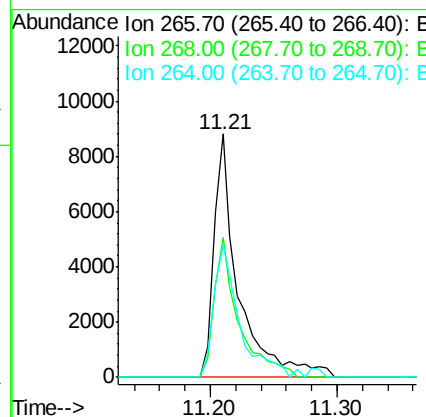
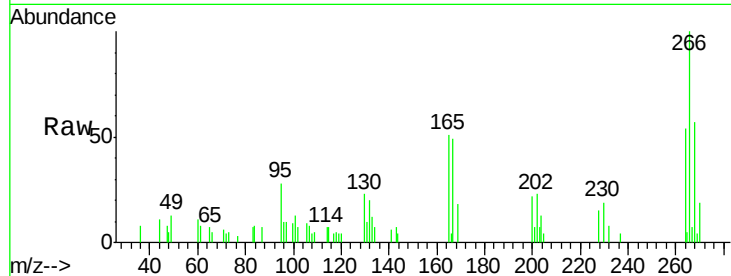
#69
 Pentachlorophenol
 Concen: 3.519 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

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

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.3	51.1	76.7
264	54.1	49.5	74.3

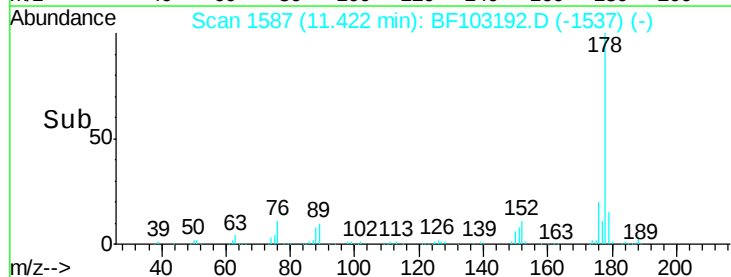
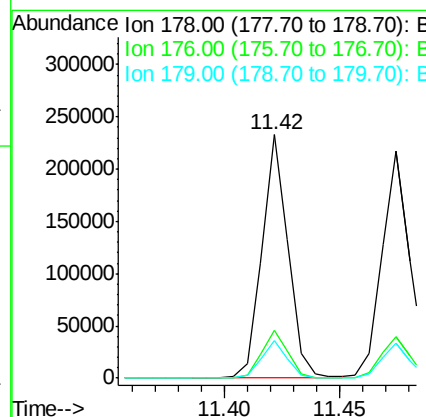
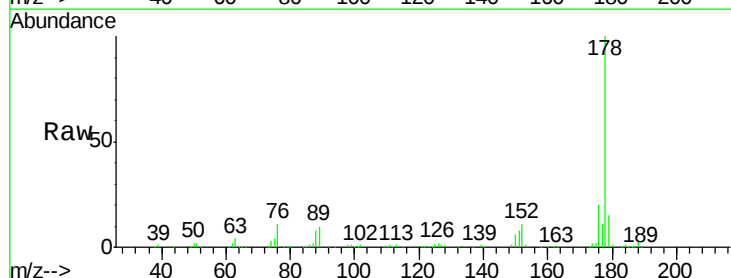
Manual Integrations
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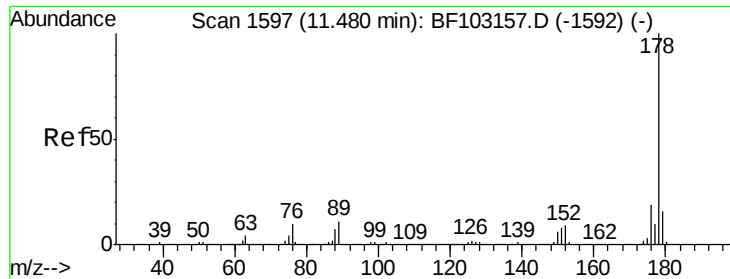
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#70
 Phenanthrene
 Concen: 5.424 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

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





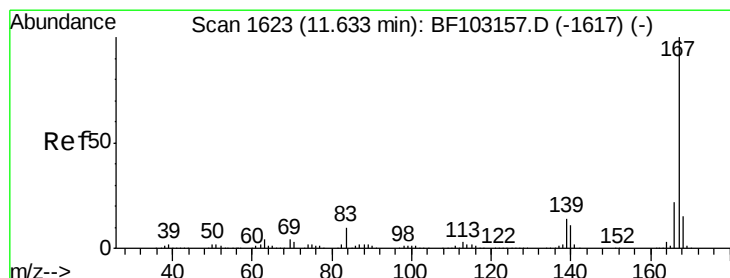
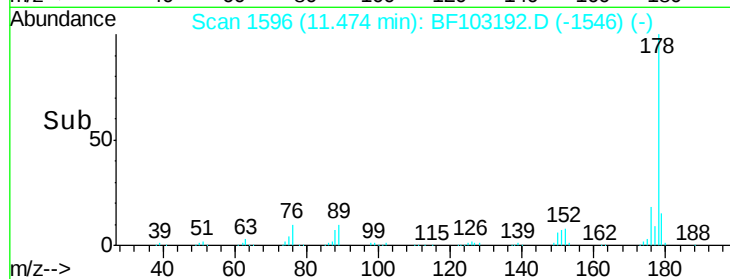
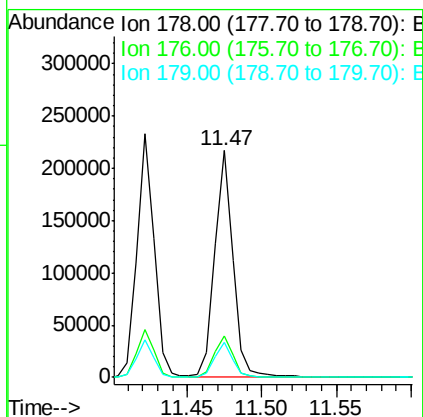
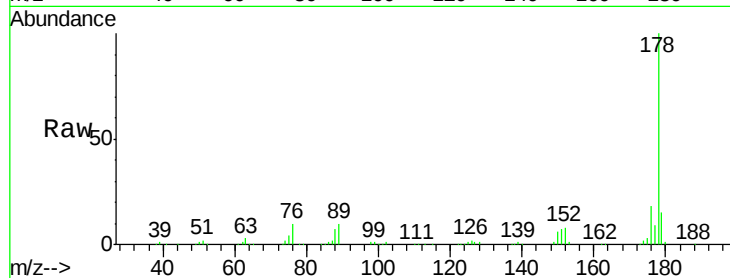
#71
 Anthracene
 Concen: 5.364 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

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

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.2	12.6	19.0

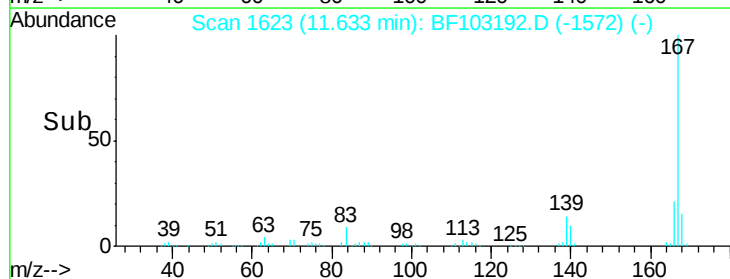
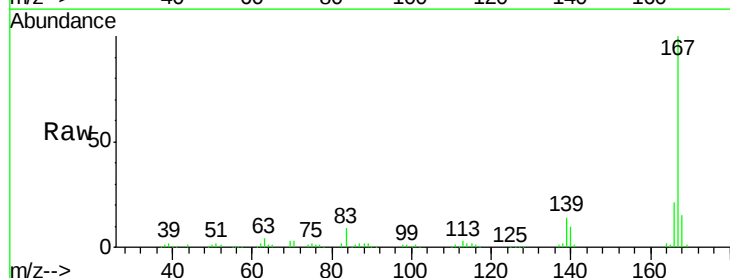
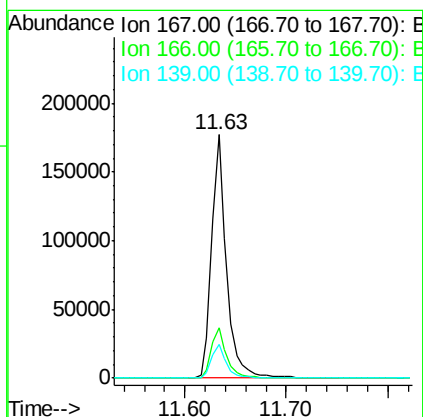
Manual Integrations
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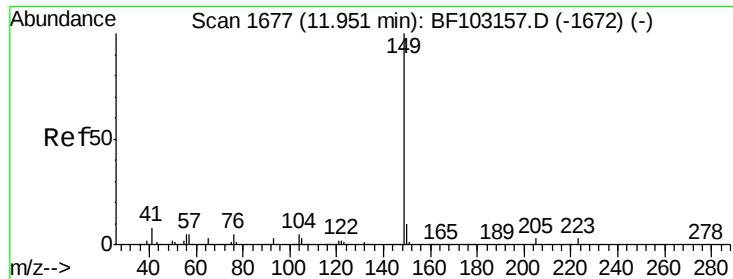
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#72
 Carbazole
 Concen: 5.217 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.6	26.4
139	14.0	10.9	16.3





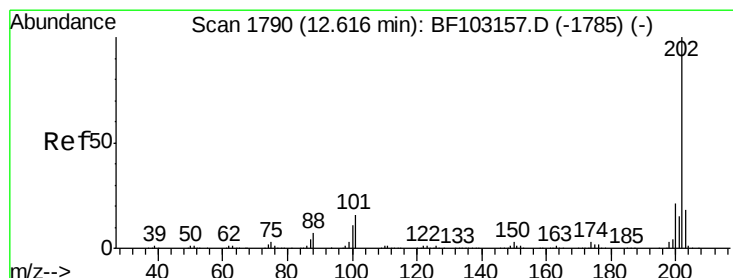
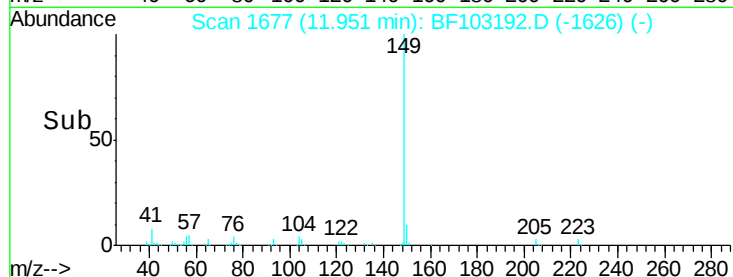
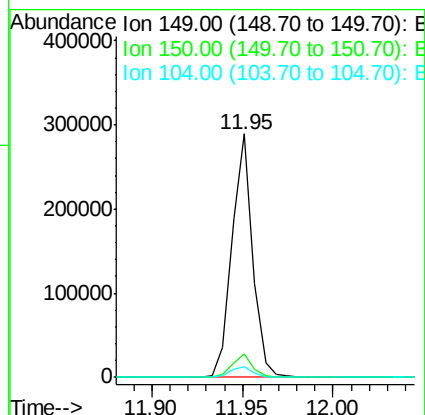
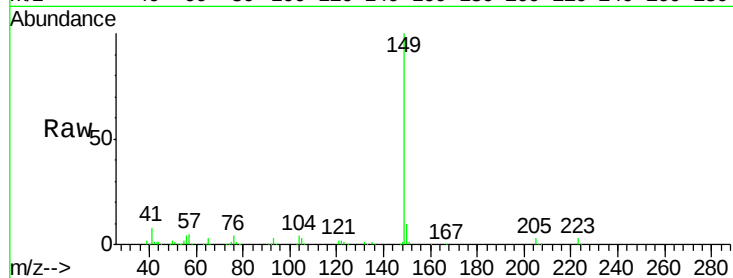
#73
Di-n-butylphthalate
Concen: 5.315 ng
RT: 11.95 min Scan# 1677
Delta R.T. -0.00 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

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

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	230546		
150	9.5	7.8	11.6	
104	4.5	3.8	5.8	

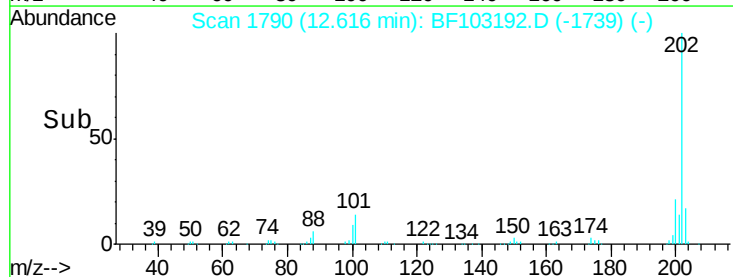
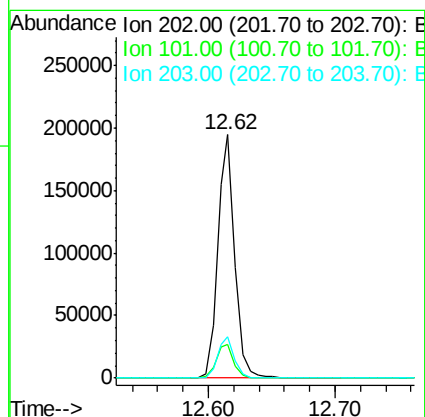
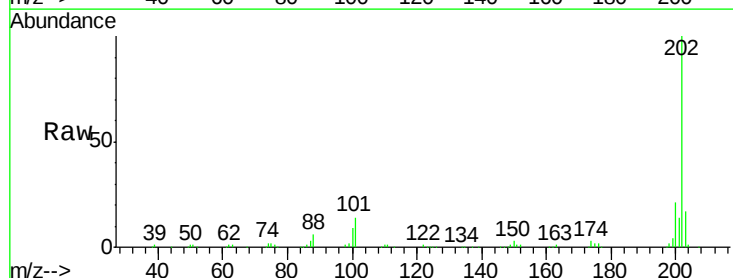
Manual Integrations
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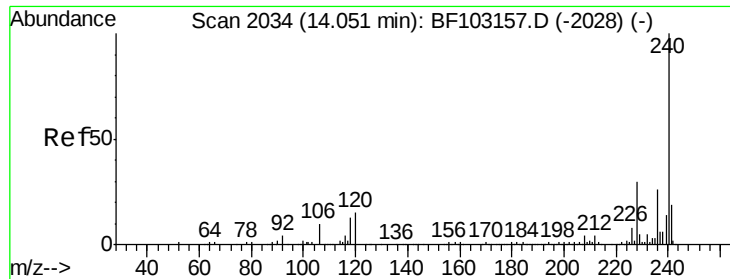
Sohil
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#74
Fluoranthene
Concen: 5.350 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.00 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	182502		
101	13.9	0.0	34.1	
203	16.7	0.0	38.1	





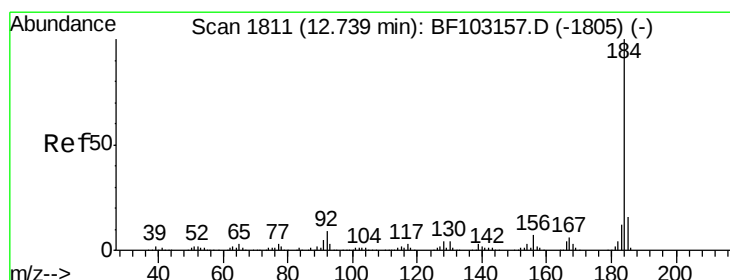
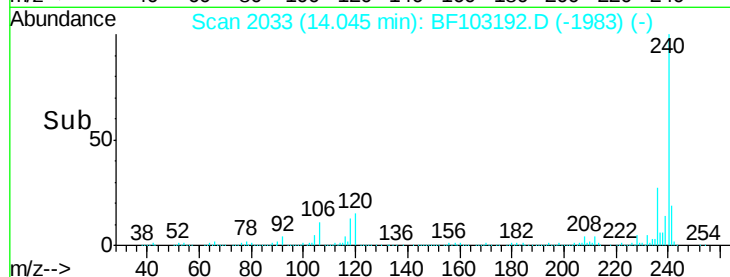
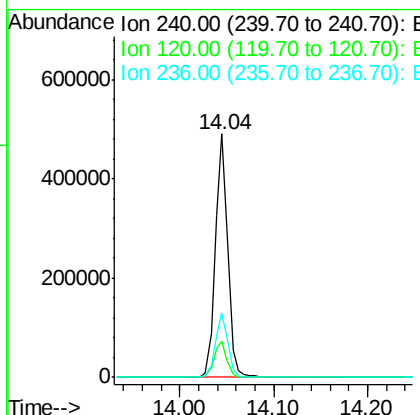
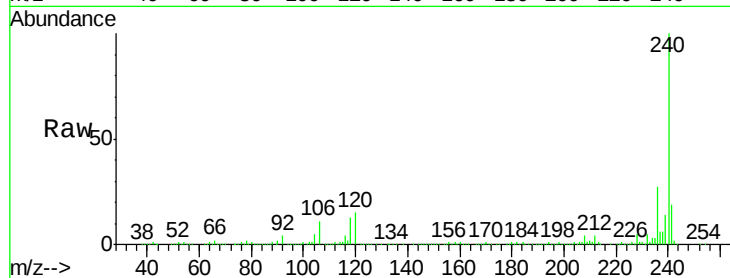
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

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

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	461150		
120	14.7	9.5	14.3#	
236	26.5	20.7	31.1	

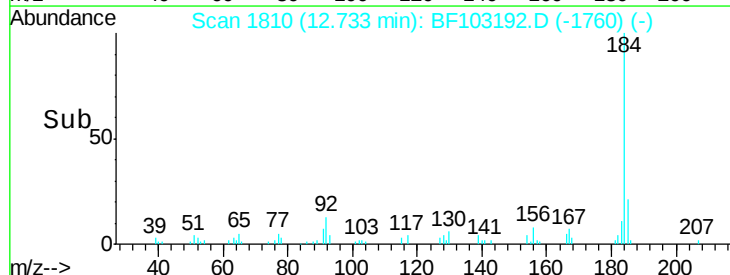
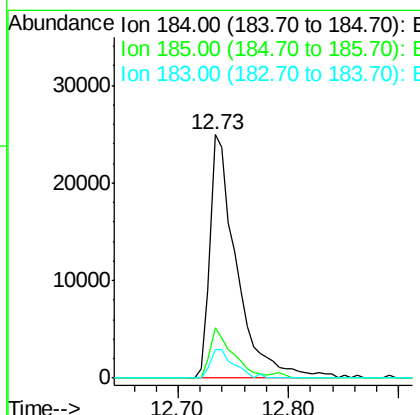
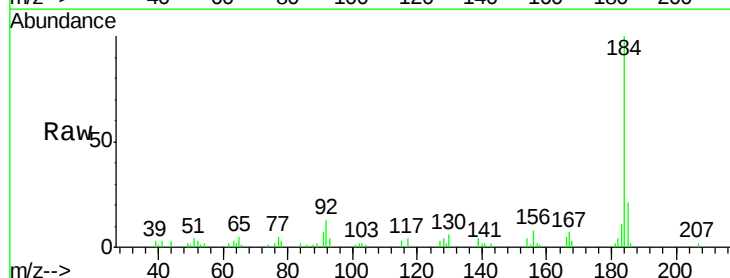
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#76
Benzidine
Concen: 2.400 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	41385		
185	20.9	12.6	18.8#	
183	11.5	9.3	13.9	





#77

Pyrene

Concen: 5.275 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Instrument :

BNA_F

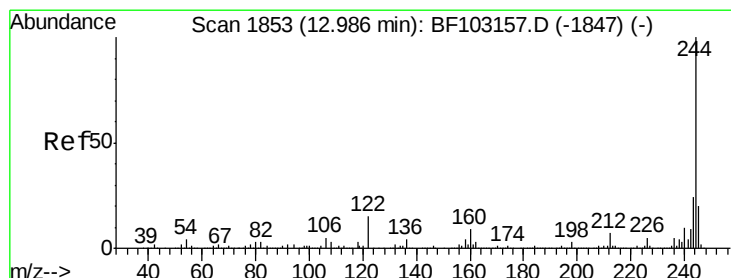
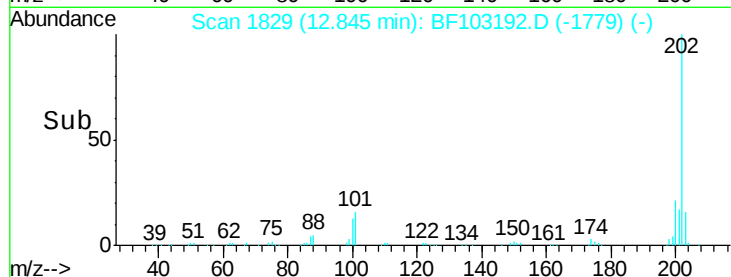
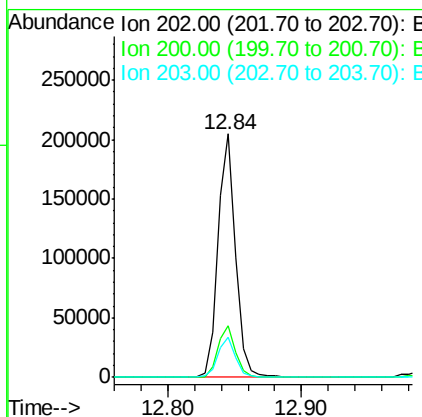
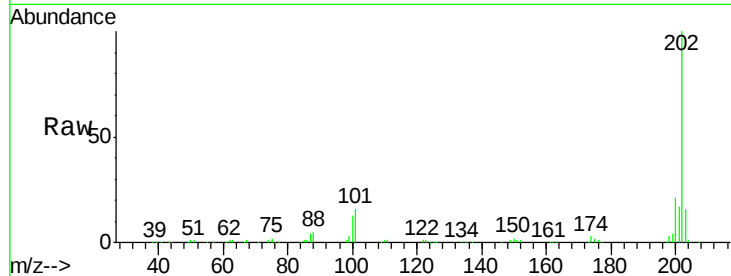
ClientSampleId :

MDL-SOIL-03-QT1-2018

Tgt Ion:	202	Resp:	189643
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.4	26.2
203	16.3	14.3	21.5

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#78

Terphenyl-d14

Concen: 76.186 ng

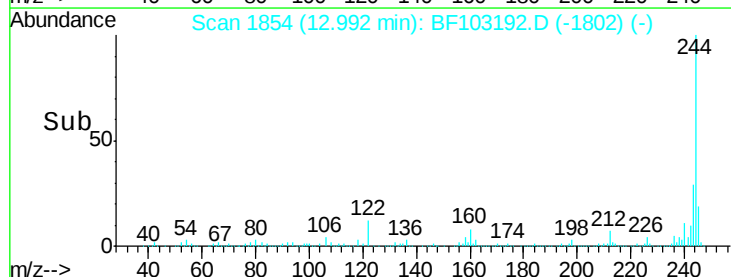
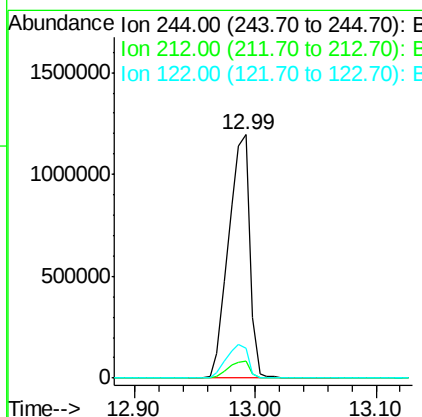
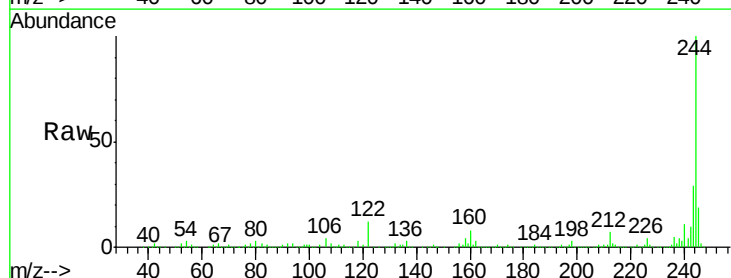
RT: 12.99 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BF103192.D

Acq: 23 Feb 2018 11:59

Tgt Ion:	244	Resp:	1461533
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.4	8.0
122	12.4	11.0	16.4





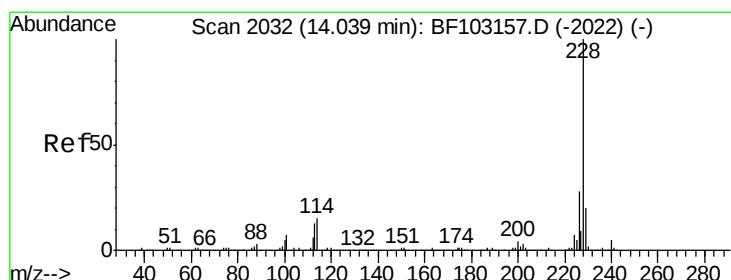
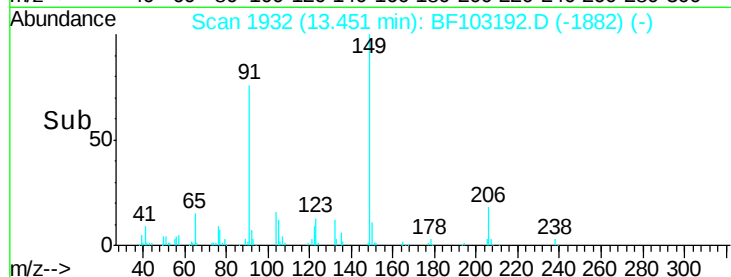
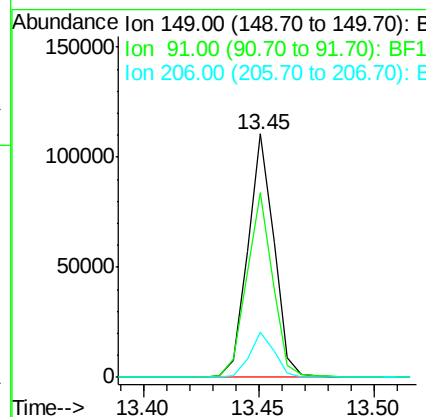
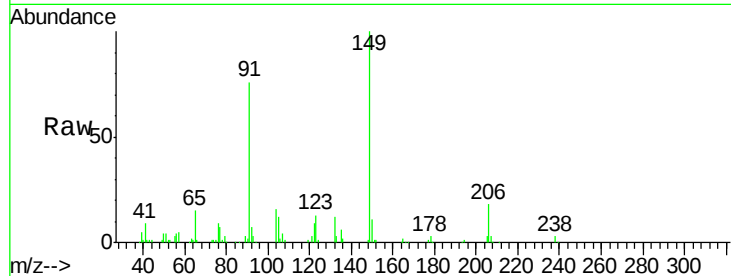
#79
Butylbenzylphthalate
Concen: 4.624 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	75.8	56.8	85.2
206	18.5	14.1	21.1

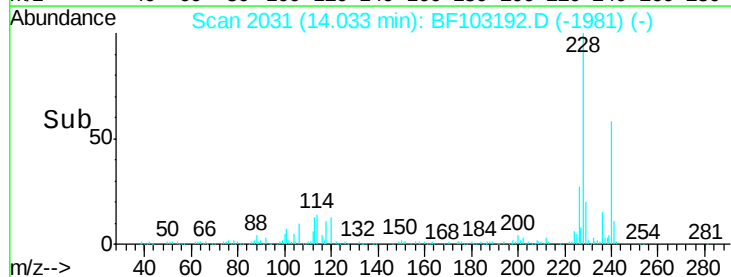
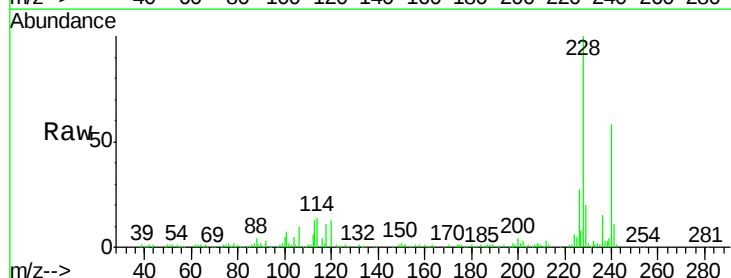
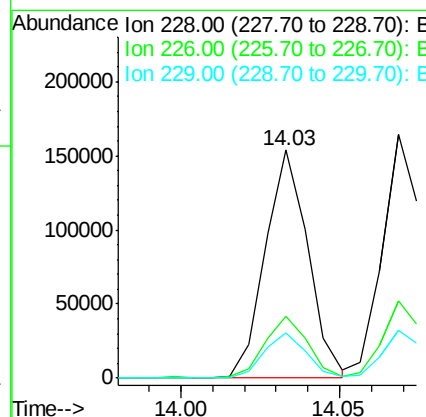
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#80
Benzo(a)anthracene
Concen: 4.830 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.2	22.6	33.8
229	19.8	15.8	23.6





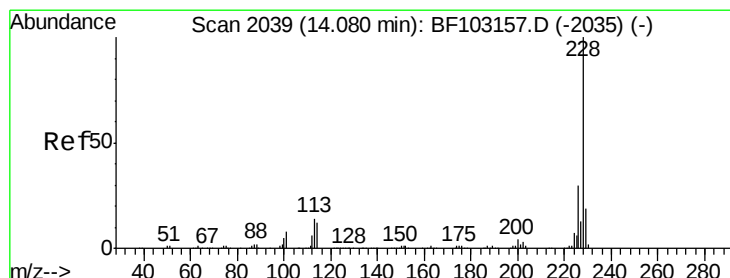
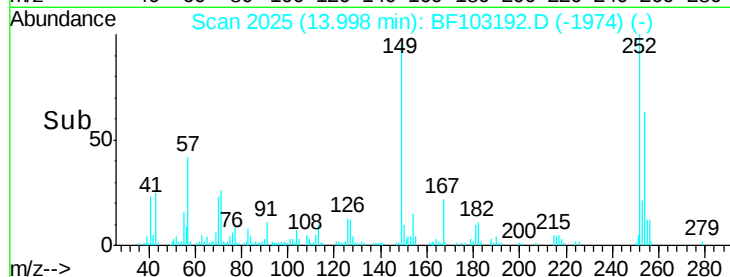
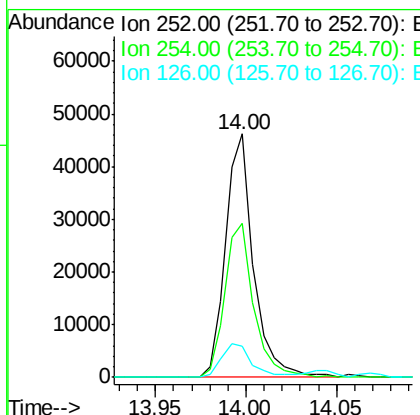
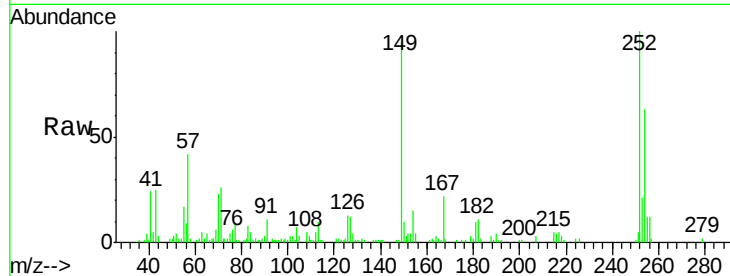
#81
 3,3'-Dichlorobenzidine
 Concen: 4.644 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

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

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	49586		
254	63.0	50.4	75.6	
126	12.7	11.3	16.9	

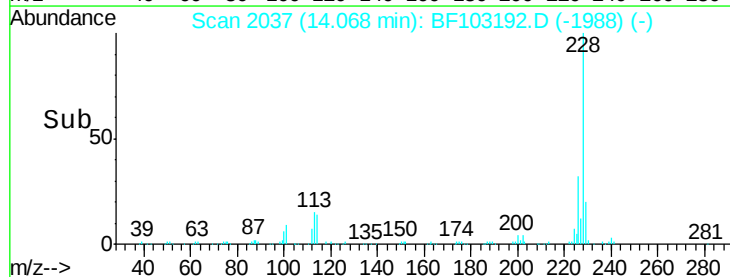
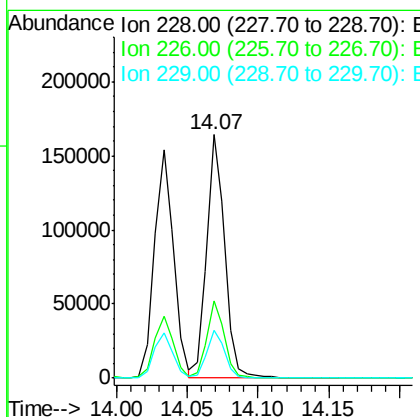
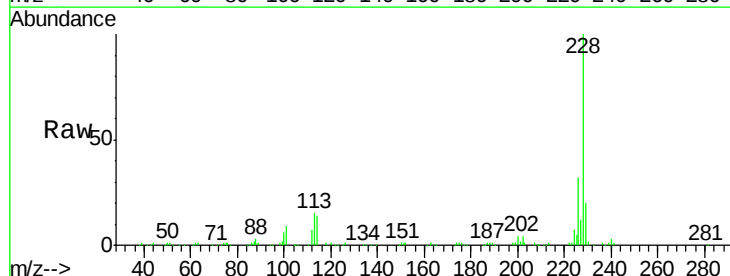
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#82
 Chrysene
 Concen: 5.051 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	146742		
226	31.8	25.0	37.6	
229	19.5	16.2	24.4	





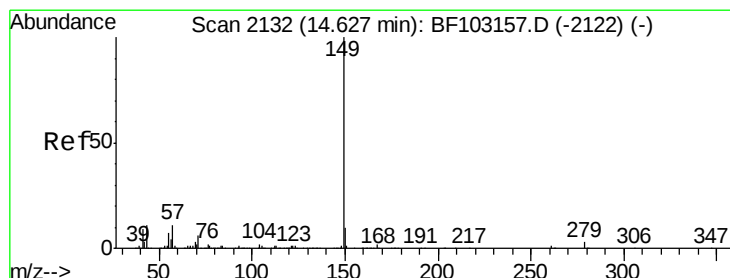
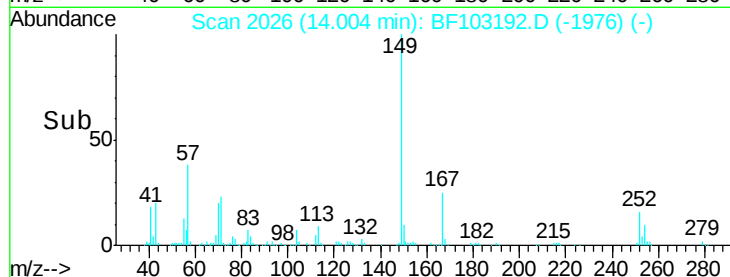
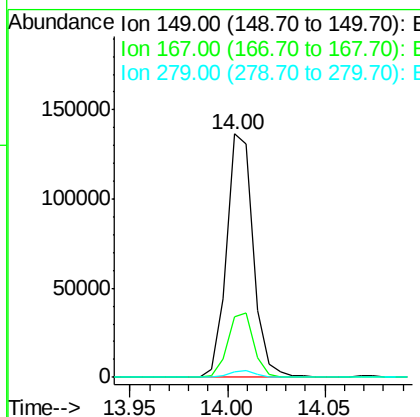
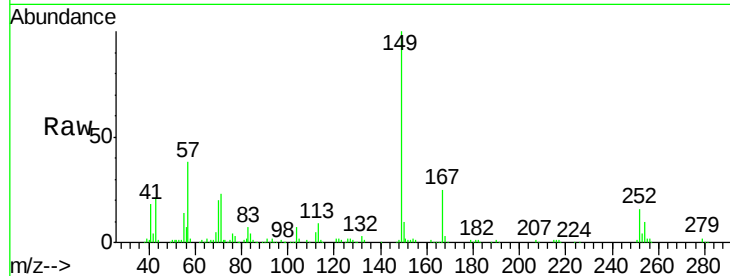
#83
Bis(2-ethylhexyl)phthalate
Concen: 5.043 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

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

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	129280		
167	24.8	21.3	31.9	
279	2.4	3.0	4.4	

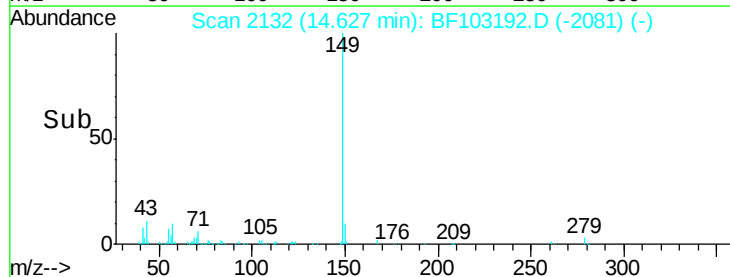
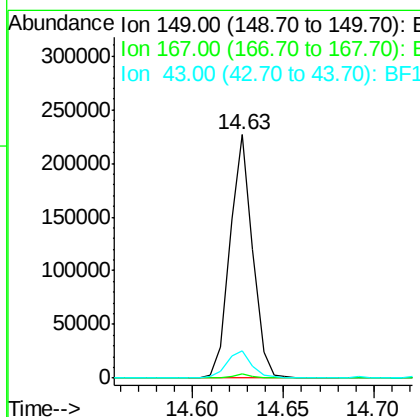
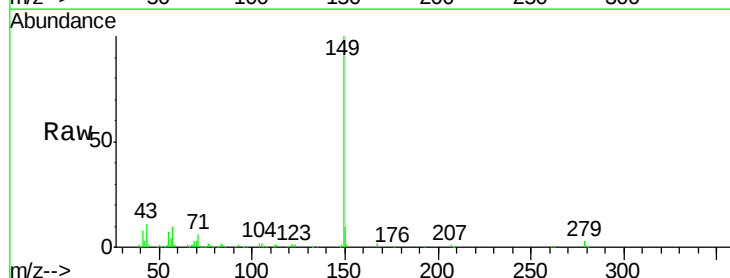
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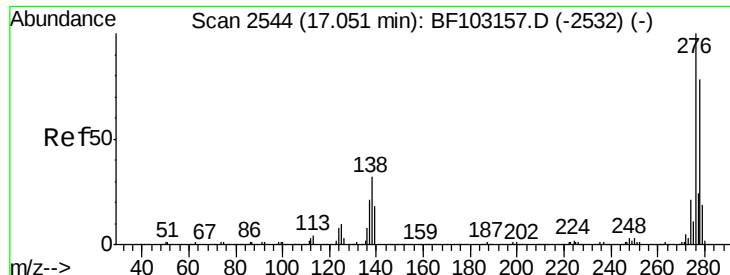
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#84
Di-n-octyl phthalate
Concen: 4.761 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	197169		
167	1.6	1.2	1.8	
43	11.7	8.4	12.6	





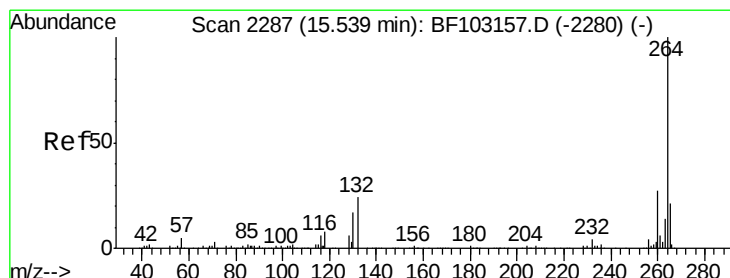
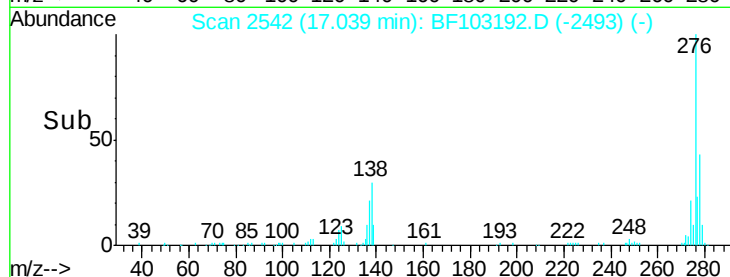
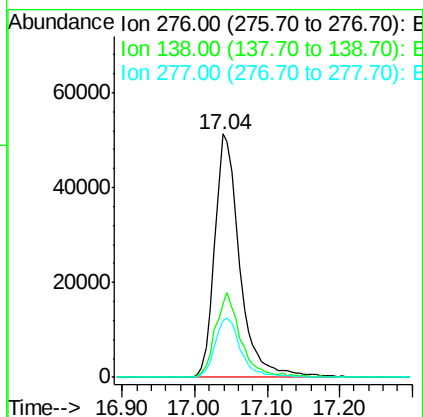
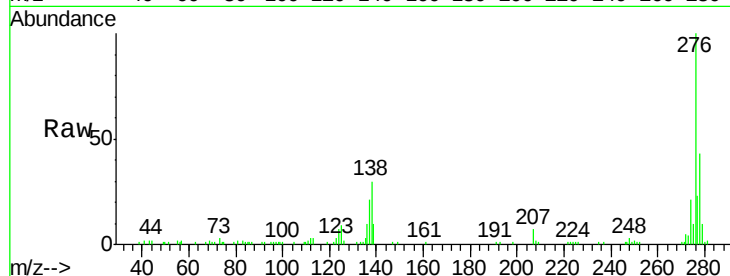
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.368 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

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

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.5	25.0	37.6
277	25.0	20.1	30.1

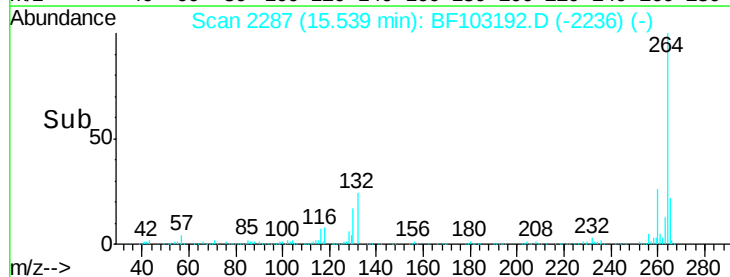
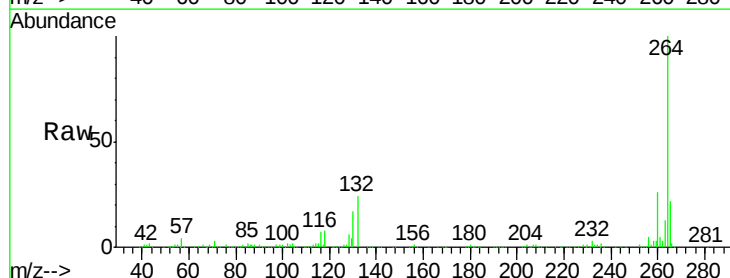
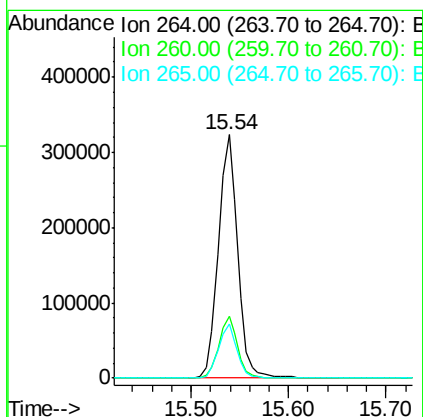
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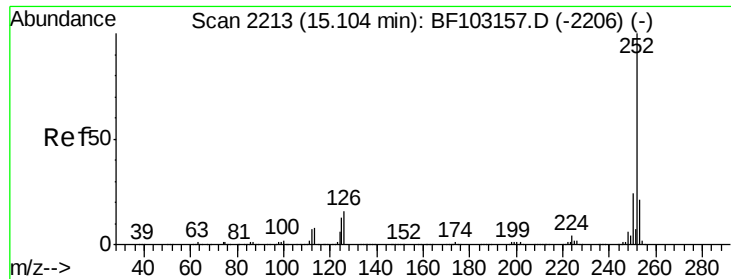
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.2	28.8
265	22.4	17.5	26.3





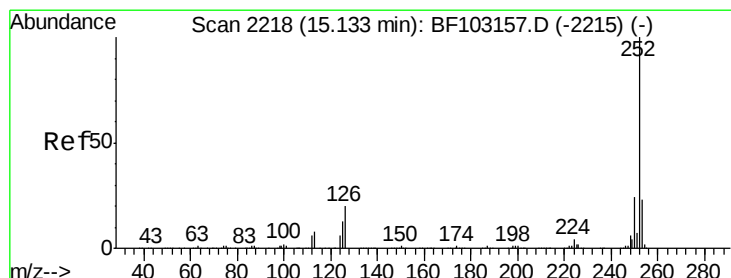
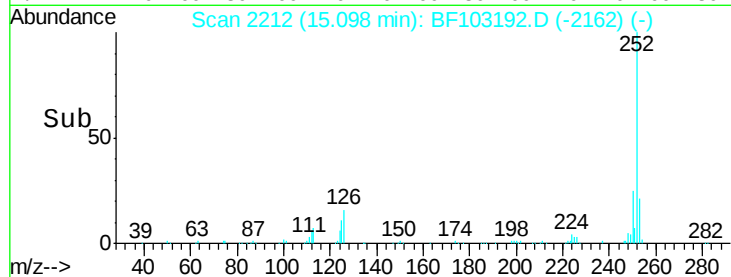
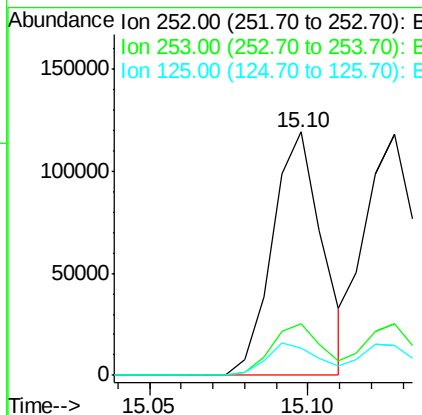
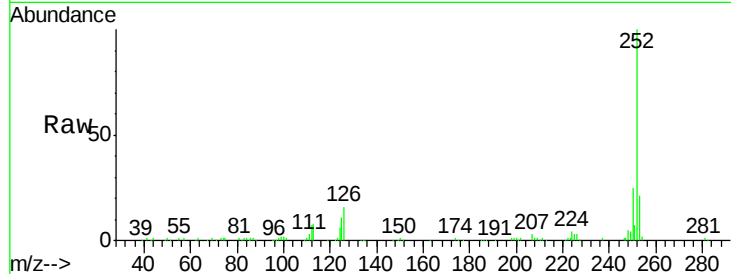
#87
Benzo(b)fluoranthene
Concen: 4.462 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	11.1	9.0	13.6

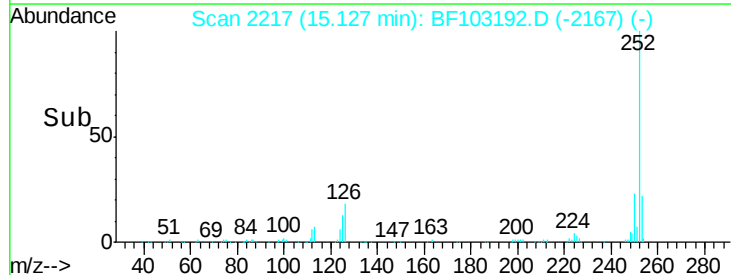
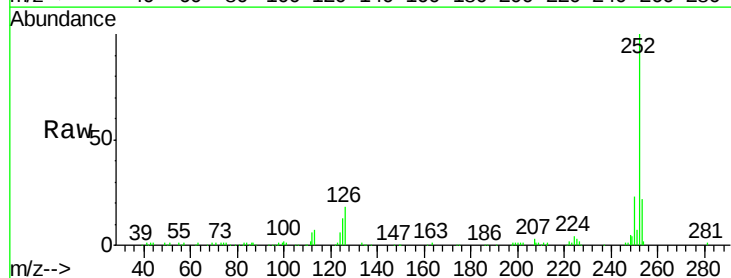
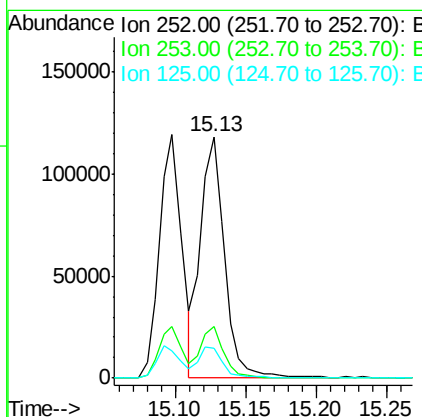
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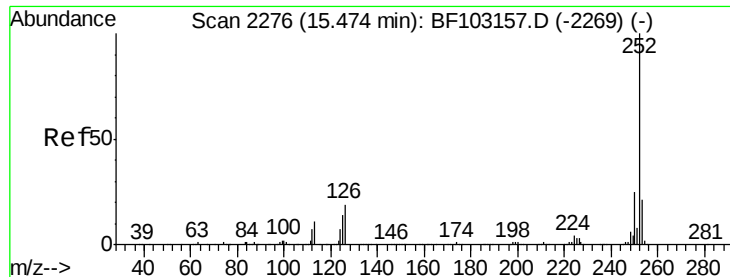
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#88
Benzo(k)fluoranthene
Concen: 5.059 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	12.6	10.2	15.2





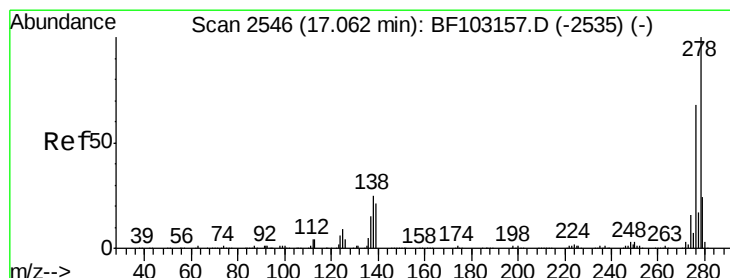
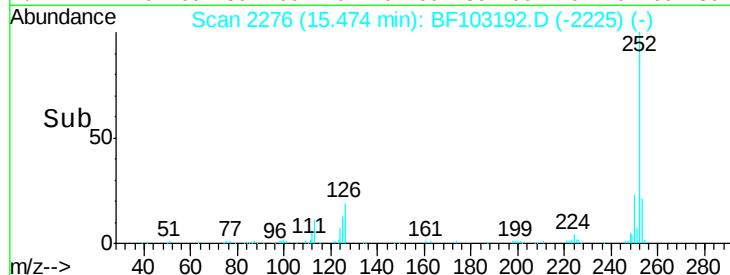
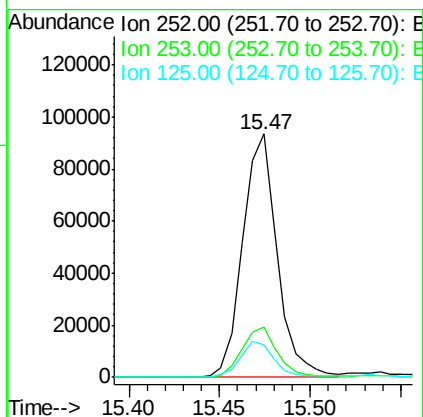
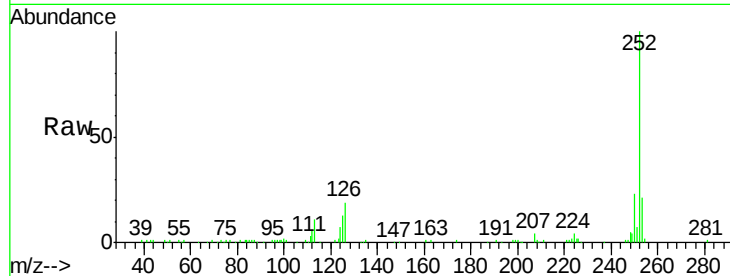
#89
Benzo(a)pyrene
Concen: 4.749 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.1	25.7
125	13.5	9.8	14.6

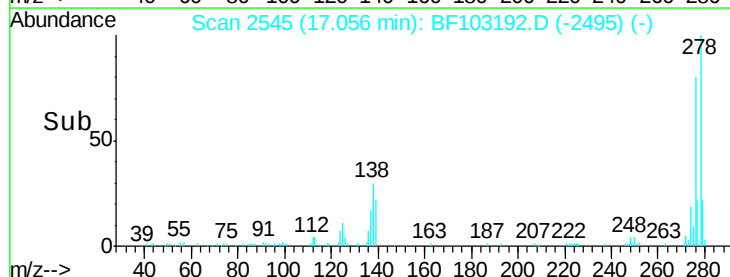
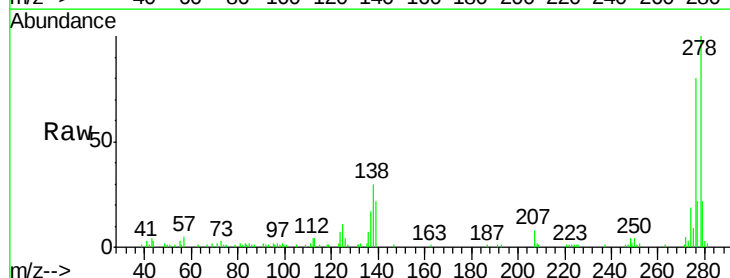
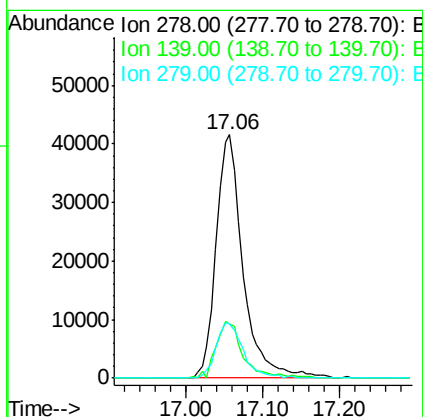
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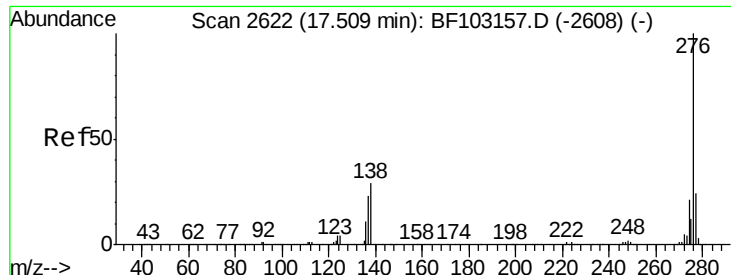
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#90
Dibenzo(a,h)anthracene
Concen: 4.981 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.01 min
Lab File: BF103192.D
Acq: 23 Feb 2018 11:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.1	15.9	23.9
279	22.2	19.0	28.4





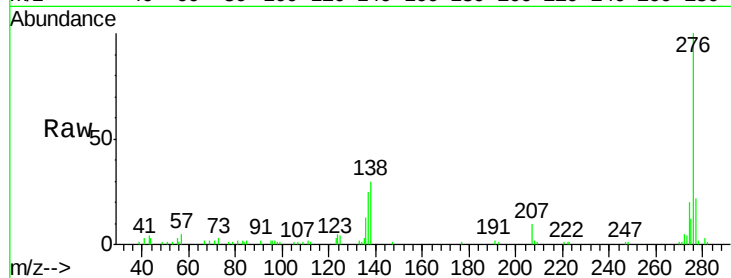
#91
 Benzo(g,h,i)perylene
 Concen: 5.255 ng
 RT: 17.50 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF103192.D
 Acq: 23 Feb 2018 11:59

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

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	103443		
277	22.0		17.9	26.9
138	29.7		21.8	32.8

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

