

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041619\
 Data File : BM019927.D
 Acq On : 16 Apr 2019 11:09
 Operator : JU/SJ
 Sample : K1560-03
 Misc : MDL 8PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Manual Integrations
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 4/17/2019 4:05:10 PM

Quant Time: Apr 16 17:11:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 16:16:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	110142	20.00	ng	0.00
21) Naphthalene-d8	10.30	136	477687	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	291777	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	638867	20.00	ng	0.00
76) Chrysene-d12	21.17	240	602559	20.00	ng	0.00
87) Perylene-d12	23.37	264	576457	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	905457	133.23	ng	0.00
7) Phenol-d6	6.72	99	1298693	126.97	ng	0.00
23) Nitrobenzene-d5	8.70	82	971813	90.98	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	660558	140.64	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	2159461	92.23	ng	0.00
79) Terphenyl-d14	19.61	244	3443331	100.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	22926	7.817	ng	96
3) Pyridine	3.56	79	56307m	6.856	ng	
4) n-Nitrosodimethylamine	3.48	42	15571	5.885	ng	# 74
6) Aniline	6.88	93	90208	6.828	ng	97
8) 2-Chlorophenol	7.10	128	59685	7.061	ng	98
9) Benzaldehyde	6.71	77	57402	7.417	ng	97
10) Phenol	6.75	94	77831	6.965	ng	90
11) bis(2-Chloroethyl)ether	6.98	93	55000	6.727	ng	99
12) 1,3-Dichlorobenzene	7.42	146	65107	7.337	ng	98
13) 1,4-Dichlorobenzene	7.56	146	65596	7.286	ng	99
14) 1,2-Dichlorobenzene	7.87	146	63880	7.156	ng	97
15) Benzyl Alcohol	7.80	79	76150m	8.190	ng	
16) 2,2'-oxybis(1-Chloropropan	8.05	45	56045	7.191	ng	97
17) 2-Methylphenol	7.99	107	47036	6.360	ng	97
18) Hexachloroethane	8.57	117	24407	6.974	ng	97
19) n-Nitroso-di-n-propylamine	8.35	70	58214	6.475	ng	98
20) 3+4-Methylphenols	8.33	107	58646	5.772	ng	98
22) Acetophenone	8.37	105	91727	7.050	ng	# 95
24) Nitrobenzene	8.75	77	90495	8.178	ng	95
25) Isophorone	9.26	82	147537	7.096	ng	100
26) 2-Nitrophenol	9.46	139	29261	6.205	ng	91
27) 2,4-Dimethylphenol	9.52	122	43629	6.544	ng	97
28) bis(2-Chloroethoxy)methane	9.76	93	78284	6.724	ng	99
29) 2,4-Dichlorophenol	10.02	162	51533m	6.806	ng	
30) 1,2,4-Trichlorobenzene	10.17	180	61413	7.535	ng	100
31) Naphthalene	10.36	128	196889	7.684	ng	98
32) Benzoic acid	9.67	122	26994m	8.918	ng	
33) 4-Chloroaniline	10.52	127	76308m	7.229	ng	
34) Hexachlorobutadiene	10.61	225	36240	7.540	ng	97
35) Caprolactam	11.34	113	16615m	5.797	ng	
36) 4-Chloro-3-methylphenol	11.65	107	62824	6.677	ng	99
37) 2-Methylnaphthalene	11.99	142	138671	7.434	ng	98
38) 1-Methylnaphthalene	12.21	142	139400	7.569	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	66769	7.418	ng	99

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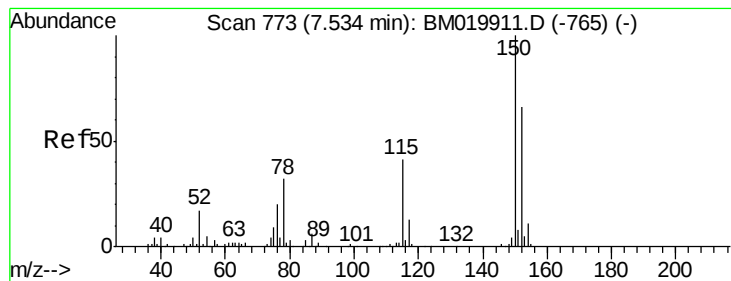
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.30	237	3352	12.562	ng	82
43) 2,4,6-Trichlorophenol	12.63	196	39749	6.514	ng	98
44) 2,4,5-Trichlorophenol	12.72	196	37919	5.970	ng	95
46) 1,1'-Biphenyl	13.02	154	192980	7.636	ng	100
47) 2-Chloronaphthalene	13.06	162	143550	7.447	ng	98
48) 2-Nitroaniline	13.32	65	42648	6.138	ng	90
49) Acenaphthylene	13.92	152	242249	7.223	ng	99
50) Dimethylphthalate	13.67	163	193125	7.504	ng	99
51) 2,6-Dinitrotoluene	13.81	165	40240	7.071	ng	# 86
52) Acenaphthene	14.26	154	139647	7.509	ng	98
53) 3-Nitroaniline	14.16	138	33375	5.873	ng	98
54) 2,4-Dinitrophenol	14.42	184	10335m	10.235	ng	
55) Dibenzofuran	14.60	168	222449	7.315	ng	99
56) 4-Nitrophenol	14.54	139	12157m	8.372	ng	
57) 2,4-Dinitrotoluene	14.62	165	50827	6.213	ng	96
58) Fluorene	15.26	166	183482	7.121	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.85	232	43113m	7.439	ng	
60) Diethylphthalate	15.03	149	196055	7.324	ng	99
61) 4-Chlorophenyl-phenylether	15.25	204	86560	6.977	ng	94
62) 4-Nitroaniline	15.35	138	33291m	5.946	ng	
63) Azobenzene	15.55	77	208552	7.290	ng	99
65) 4,6-Dinitro-2-methylphenol	15.40	198	17839	4.376	ng	92
66) n-Nitrosodiphenylamine	15.48	169	153447	7.347	ng	98
67) 4-Bromophenyl-phenylether	16.15	248	52472	7.144	ng	95
68) Hexachlorobenzene	16.26	284	65245	7.403	ng	96
69) Atrazine	16.44	200	51609	7.279	ng	96
70) Pentachlorophenol	16.63	266	26469m	5.878	ng	
71) Phenanthrene	17.00	178	280134	7.389	ng	99
72) Anthracene	17.10	178	263854	6.992	ng	100
73) Carbazole	17.39	167	238398	6.766	ng	100
74) Di-n-butylphthalate	17.93	149	299621	6.475	ng	99
75) Fluoranthene	19.04	202	300418	6.886	ng	100
77) Benzidine	19.25	184	105780	6.363	ng	98
78) Pyrene	19.40	202	314435	7.880	ng	99
80) Butylbenzylphthalate	20.31	149	128069	6.620	ng	95
81) Benzo(a)anthracene	21.16	228	280247	7.342	ng	100
82) 3,3'-Dichlorobenzidine	21.11	252	99917	7.036	ng	98
83) Chrysene	21.22	228	276211	7.546	ng	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	180601	6.271	ng	100
85) Di-n-octyl phthalate	21.94	149	298893	6.396	ng	99
86) Indeno(1,2,3-cd)pyrene	25.58	276	297942	8.274	ng	99
88) Benzo(b)fluoranthene	22.72	252	275558	7.199	ng	99
89) Benzo(k)fluoranthene	22.76	252	256732	7.124	ng	98
90) Benzo(a)pyrene	23.28	252	244658	7.214	ng	99
91) Dibenzo(a,h)anthracene	25.59	278	245591	7.511	ng	99
92) Benzo(g,h,i)perylene	26.27	276	235300	7.945	ng	98

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



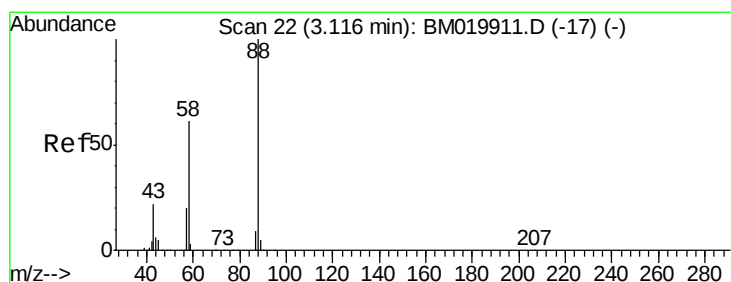
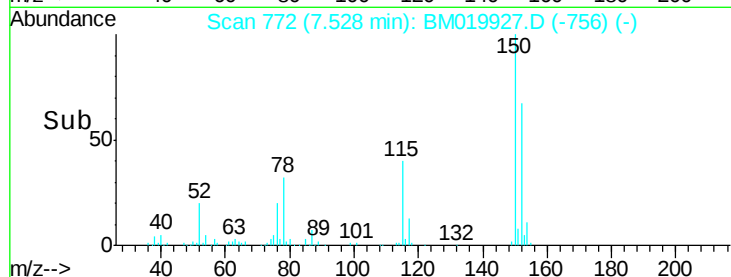
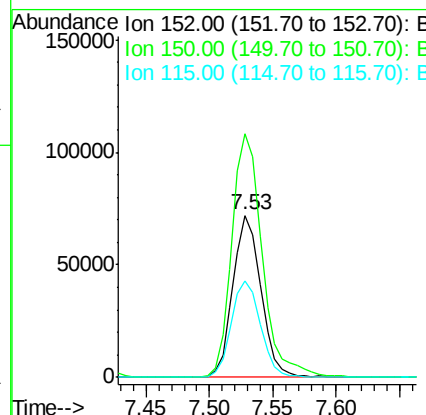
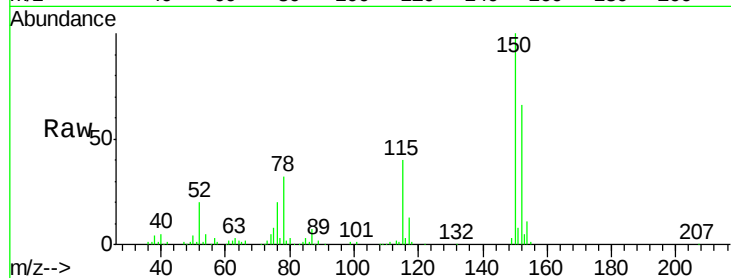
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.53 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BM019927.D
 Acq: 16 Apr 2019 11:09

Instrument :
 BNA_M
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 MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	110142		
150	150.5	122.1	183.1	
115	59.5	50.0	75.0	

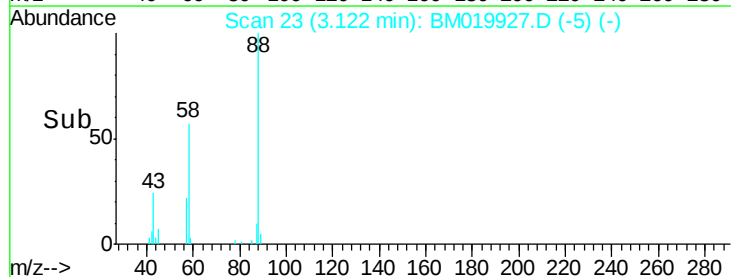
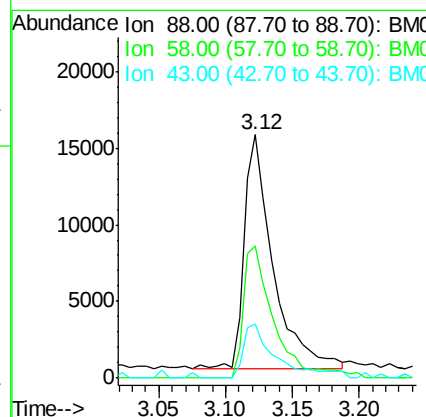
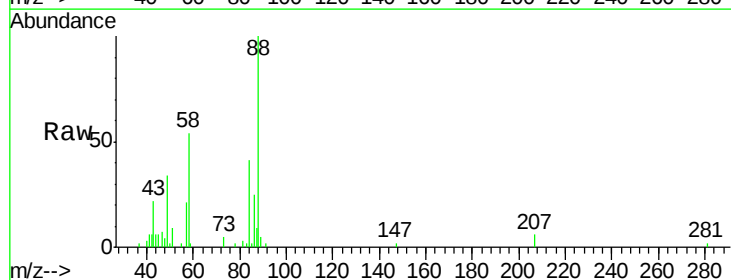
Manual Integrations
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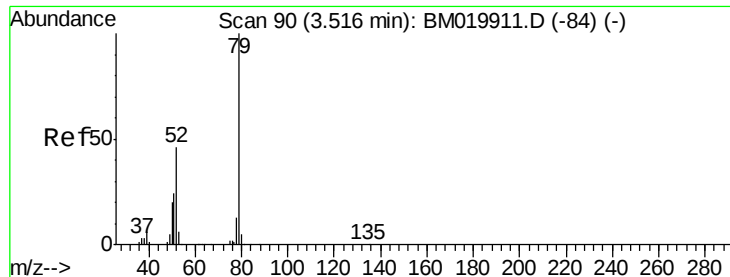
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#2
 1,4-Dioxane
 Concen: 7.817 ng
 RT: 3.12 min Scan# 23
 Delta R.T. 0.01 min
 Lab File: BM019927.D
 Acq: 16 Apr 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	22926		
58	59.3	49.6	74.4	
43	26.4	18.6	27.8	





#3

Pyridine

Concen: 6.856 ng m

RT: 3.56 min Scan# 98

Delta R.T. 0.05 min

Lab File: BM019927.D

Acq: 16 Apr 2019 11:09

Instrument :

BNA_M

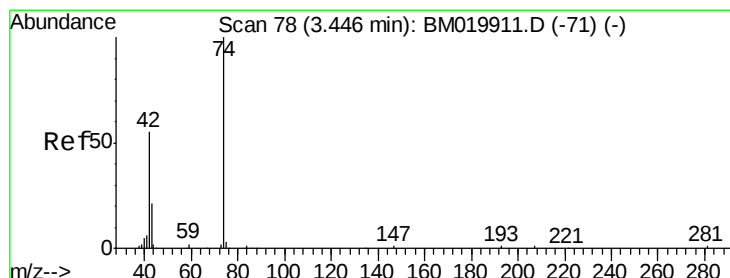
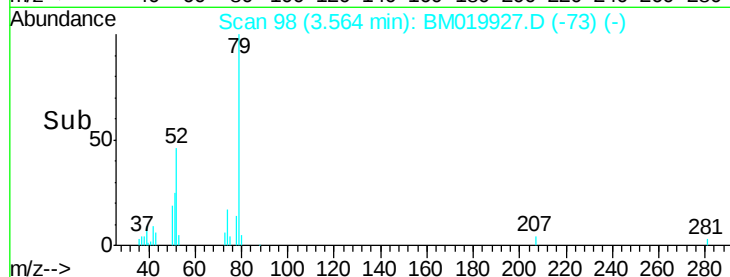
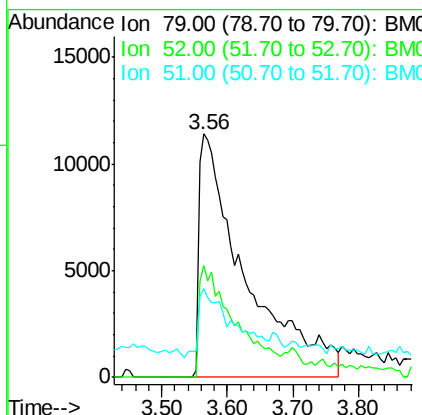
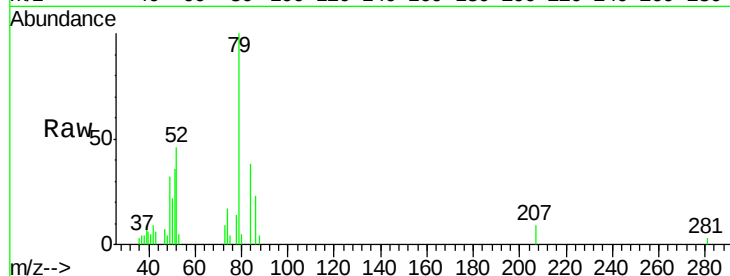
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

Tgt Ion:	79	Resp:	56307
Ion Ratio	Lower	Upper	
79	100		
52	45.7	36.9	55.3
51	36.5	20.0	30.0#

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#4

n-Nitrosodimethylamine

Concen: 5.885 ng

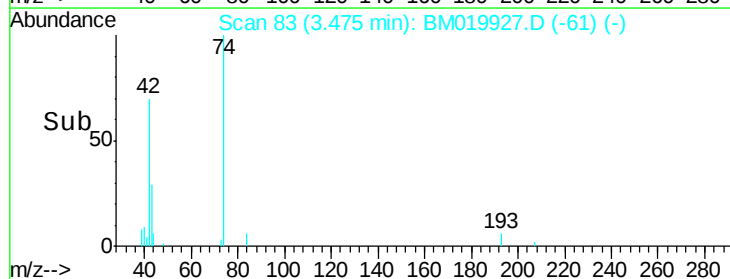
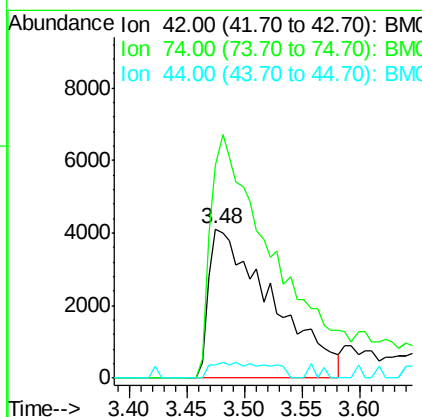
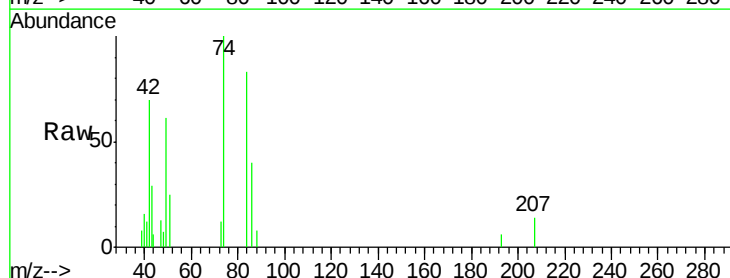
RT: 3.48 min Scan# 83

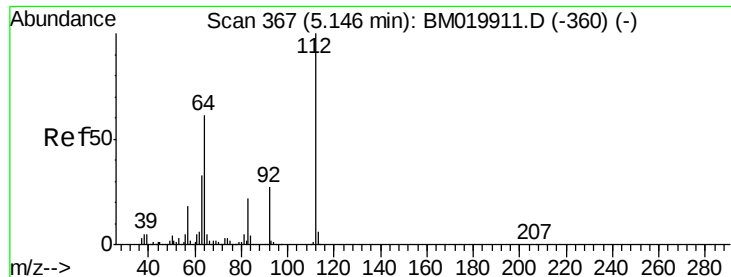
Delta R.T. 0.03 min

Lab File: BM019927.D

Acq: 16 Apr 2019 11:09

Tgt Ion:	42	Resp:	15571
Ion Ratio	Lower	Upper	
42	100		
74	142.4	144.6	217.0#
44	8.6	5.4	8.2#





#5

2-Fluorophenol

Concen: 133.231 ng

RT: 5.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: BM019927.D

Acq: 16 Apr 2019 11:09

Instrument :

BNA_M

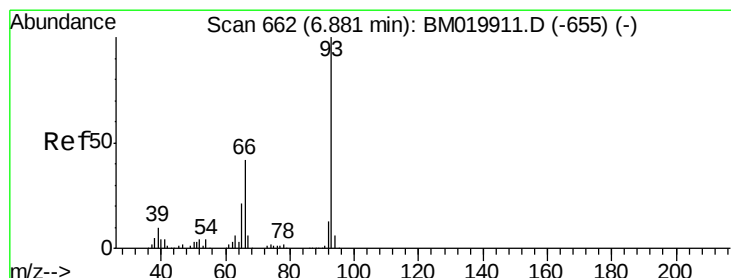
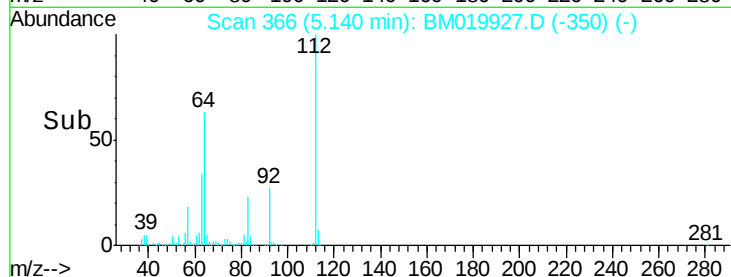
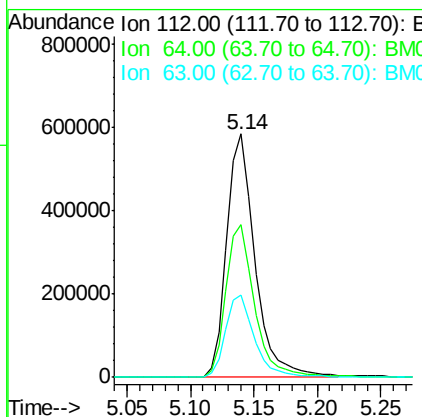
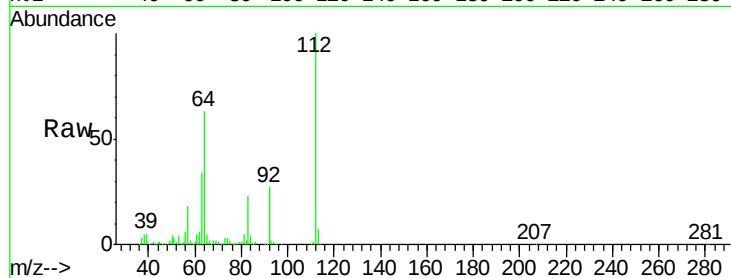
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

Tgt Ion:	112	Resp:	905457
Ion Ratio	Lower	Upper	
112	100		
64	62.9	49.1	73.7
63	33.6	26.5	39.7

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#6

Aniline

Concen: 6.828 ng

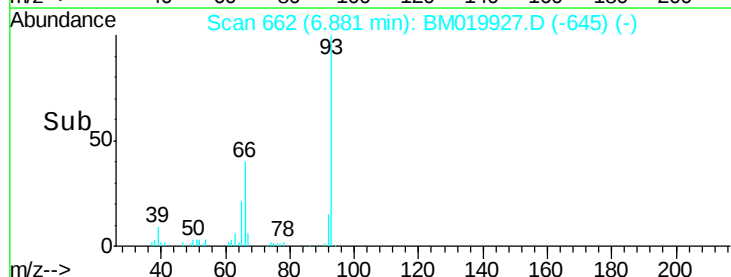
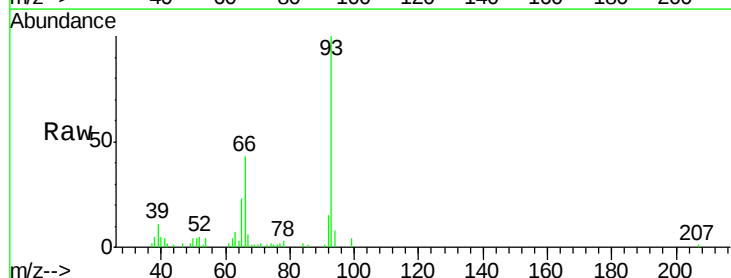
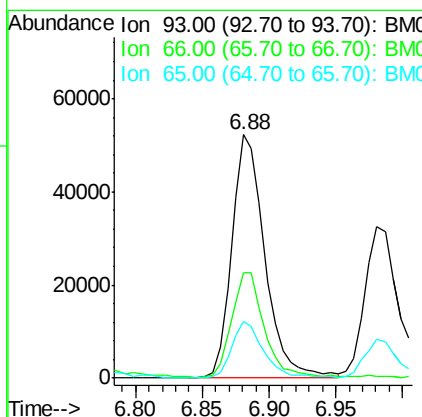
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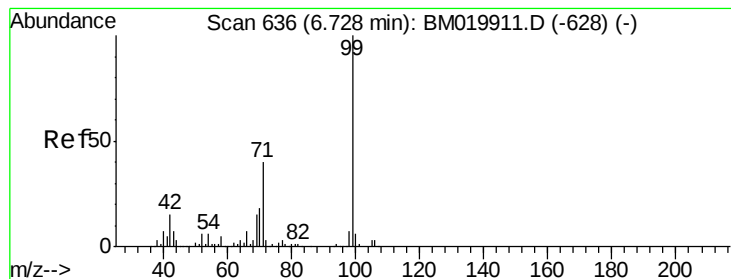
Delta R.T. 0.00 min

Lab File: BM019927.D

Acq: 16 Apr 2019 11:09

Tgt Ion:	93	Resp:	90208
Ion Ratio	Lower	Upper	
93	100		
66	43.5	33.9	50.9
65	23.5	17.0	25.6





#7

Phenol-d6

Concen: 126.973 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.01 min

Lab File: BM019927.D

Acq: 16 Apr 2019 11:09

Instrument :

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MDL-MDL-SOIL-03-QT1-2019

Tgt Ion: 99 Resp: 1298693

Ion Ratio Lower Upper

99 100

42 15.1 11.8 17.8

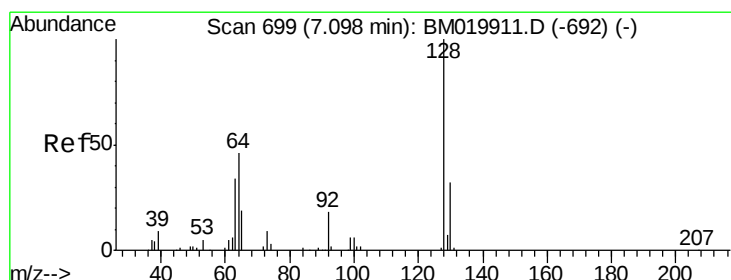
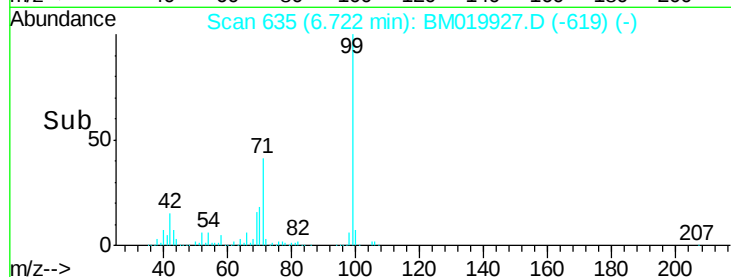
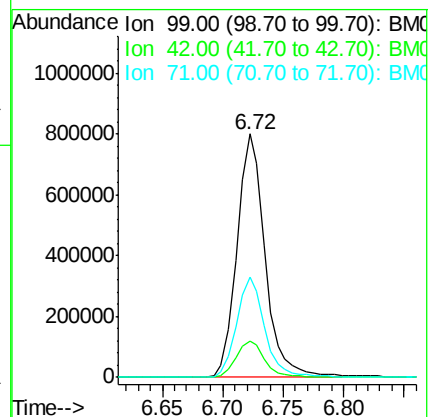
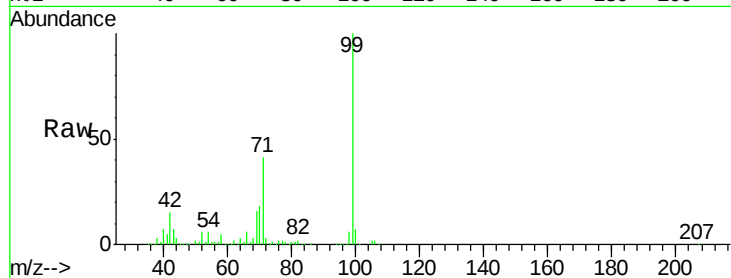
71 41.0 32.0 48.0

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#8

2-Chlorophenol

Concen: 7.061 ng

RT: 7.10 min Scan# 699

Delta R.T. 0.00 min

Lab File: BM019927.D

Acq: 16 Apr 2019 11:09

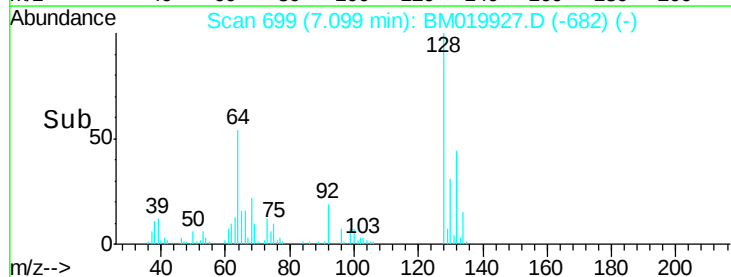
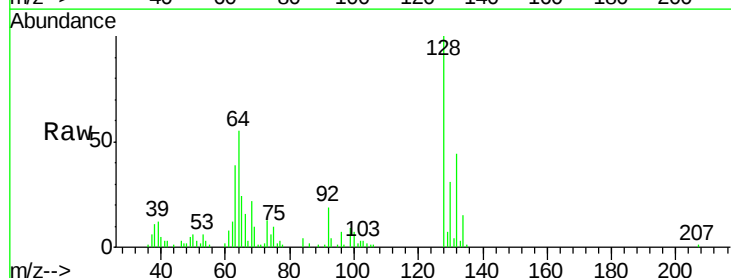
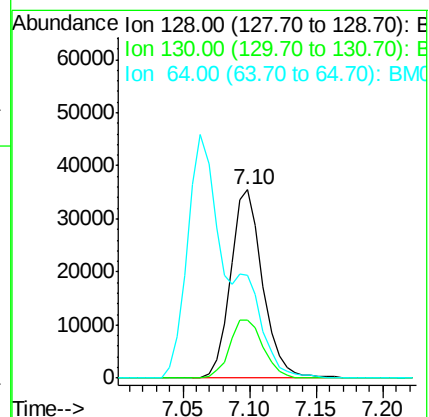
Tgt Ion: 128 Resp: 59685

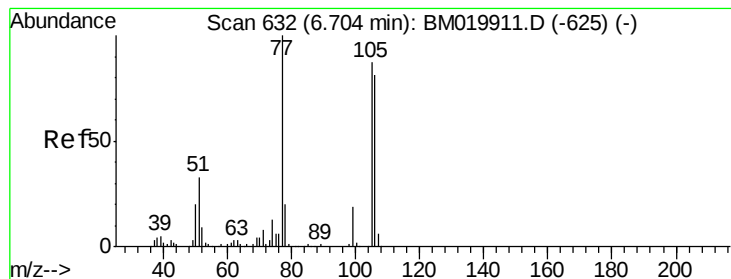
Ion Ratio Lower Upper

128 100

130 31.2 12.0 52.0

64 54.9 33.0 73.0





#9

Benzaldehyde

Concen: 7.417 ng

RT: 6.71 min Scan# 633

Delta R.T. 0.01 min

Lab File: BM019927.D

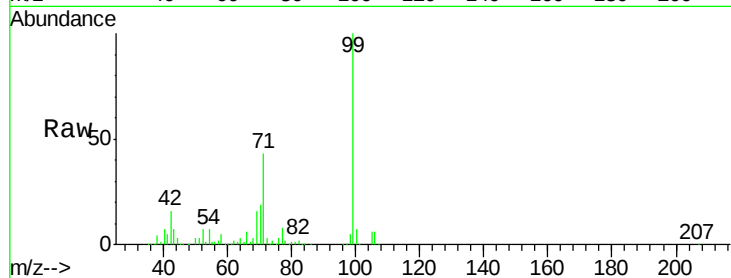
Acq: 16 Apr 2019 11:09

Instrument :

BNA_M

ClientSampleId :

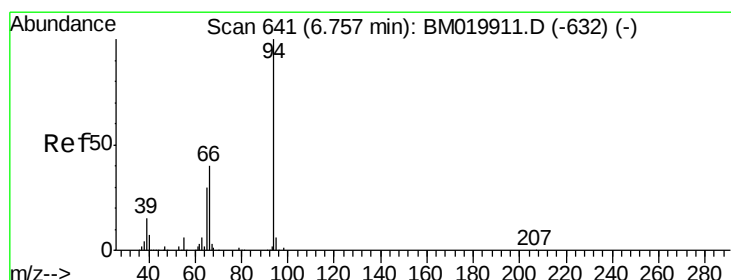
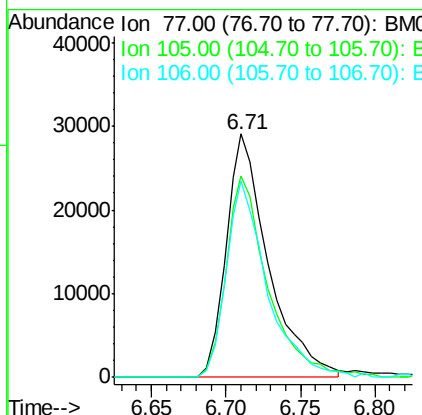
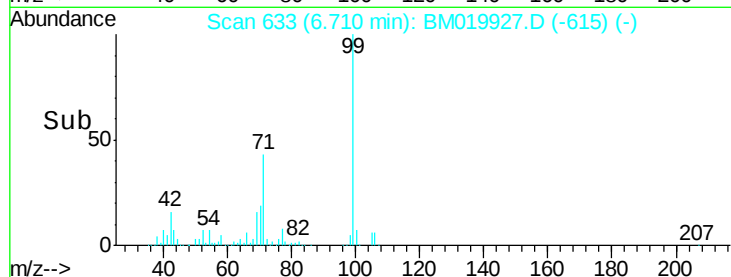
MDL-MDL-SOIL-03-QT1-2019



Tgt Ion:	77	Resp:	57402
Ion	Ratio	Lower	Upper
77	100		
105	82.5	67.3	107.3
106	80.6	60.6	100.6

Manual Integrations
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#10

Phenol

Concen: 6.965 ng

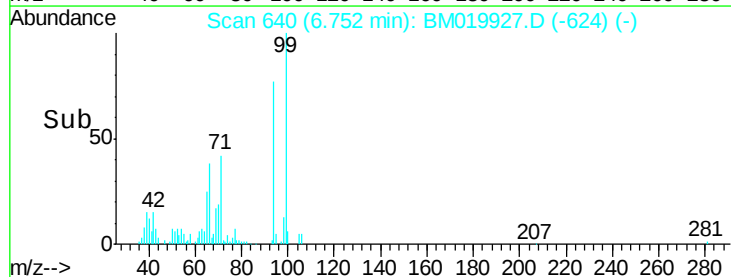
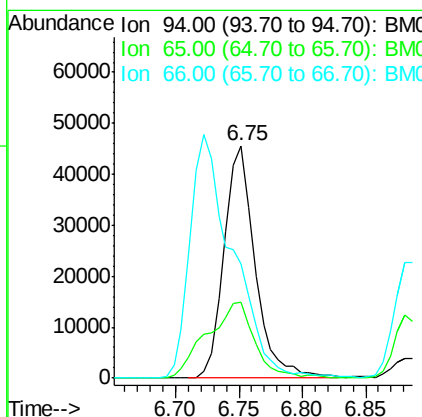
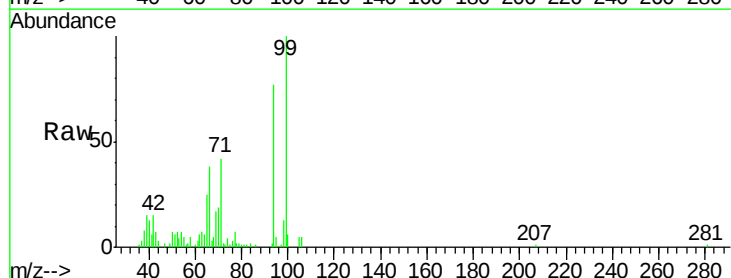
RT: 6.75 min Scan# 640

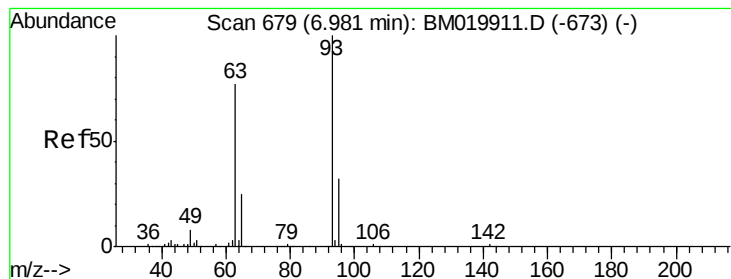
Delta R.T. -0.01 min

Lab File: BM019927.D

Acq: 16 Apr 2019 11:09

Tgt Ion:	94	Resp:	77831
Ion	Ratio	Lower	Upper
94	100		
65	32.6	10.0	50.0
66	49.1	20.2	60.2





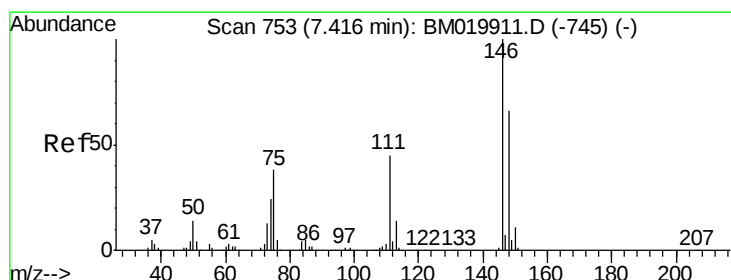
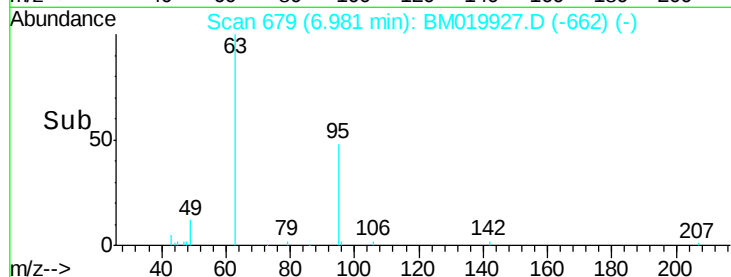
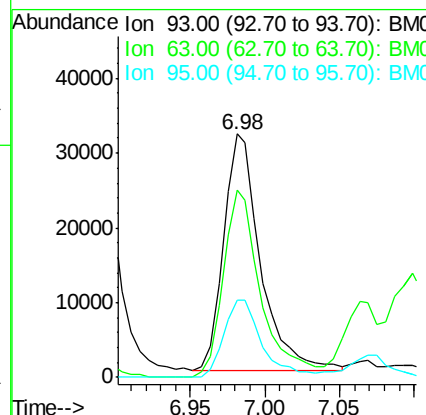
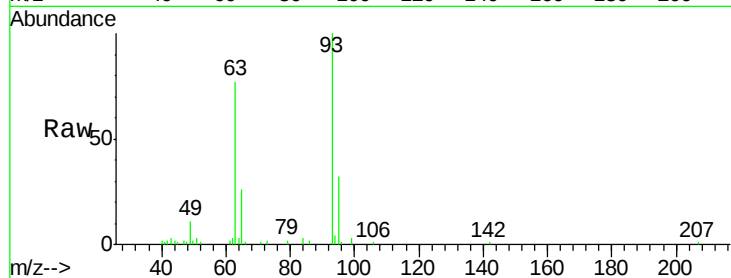
#11
bis(2-Chloroethyl)ether
Concen: 6.727 ng
RT: 6.98 min Scan# 679
Delta R.T. 0.00 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	55000		
63	76.8	55.8	95.8	
95	31.9	11.6	51.6	

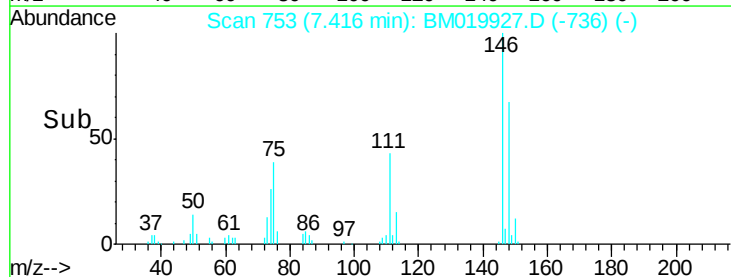
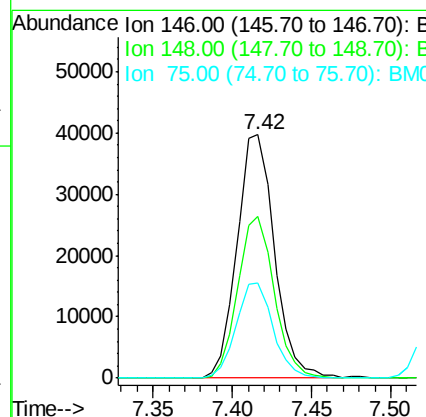
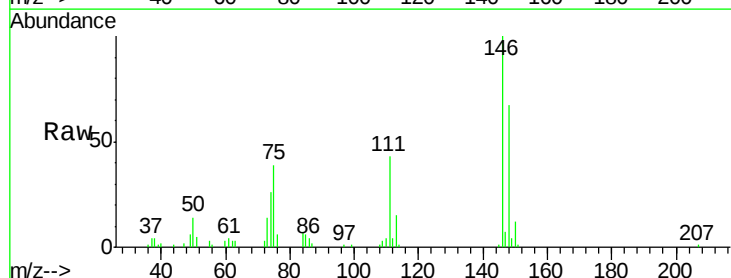
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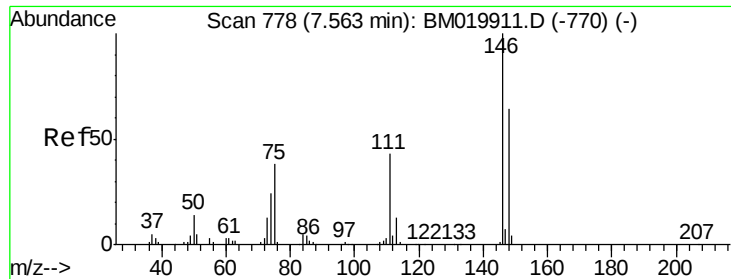
Sohil
4/17/2019 4:05:10 PM



#12
1,3-Dichlorobenzene
Concen: 7.337 ng
RT: 7.42 min Scan# 753
Delta R.T. 0.00 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	65107		
148	66.7	52.6	78.8	
75	38.9	30.0	45.0	





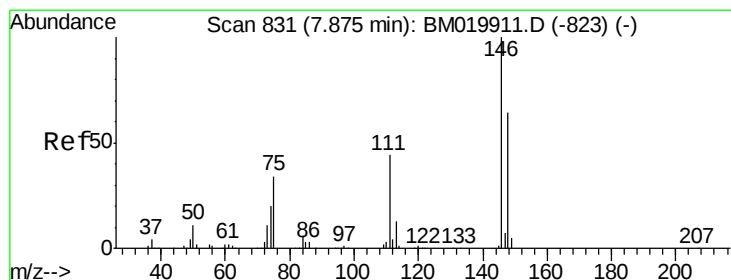
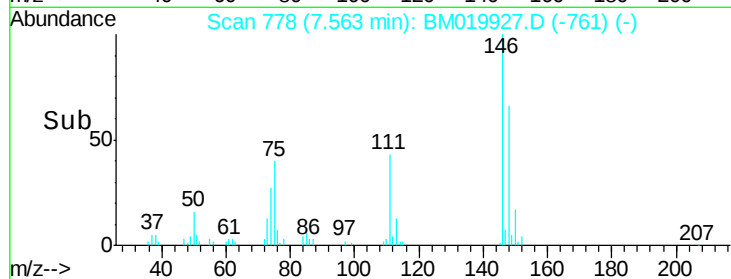
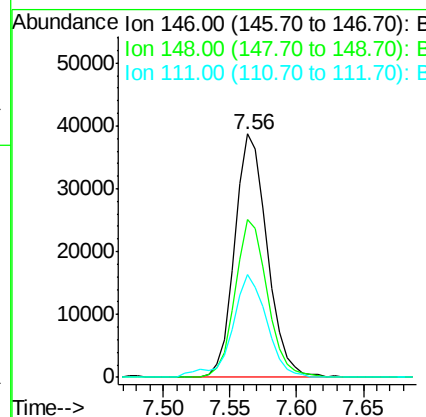
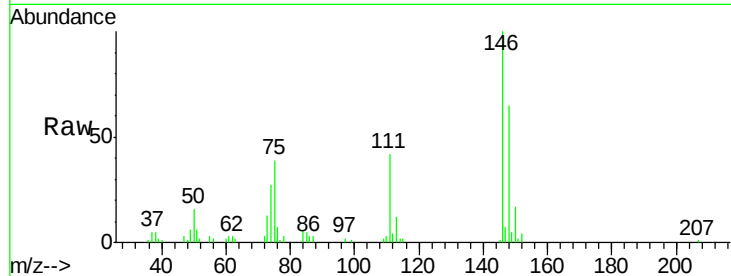
#13
 1,4-Dichlorobenzene
 Concen: 7.286 ng
 RT: 7.56 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BM019927.D
 Acq: 16 Apr 2019 11:09

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.1	76.7
111	42.5	34.6	51.8

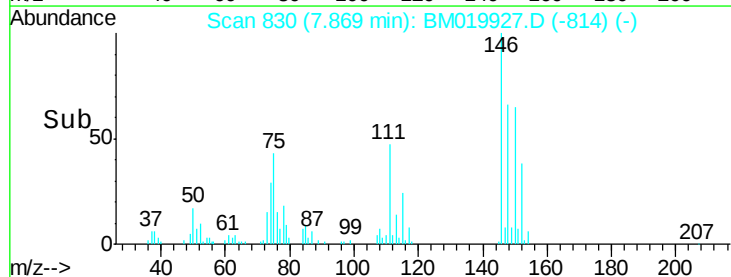
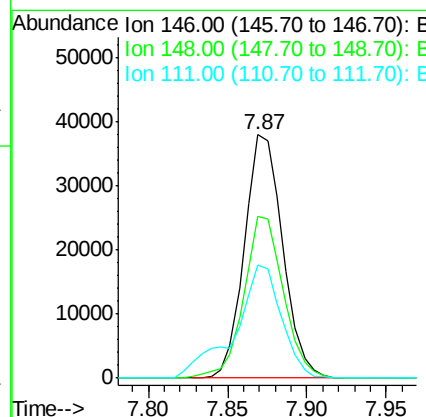
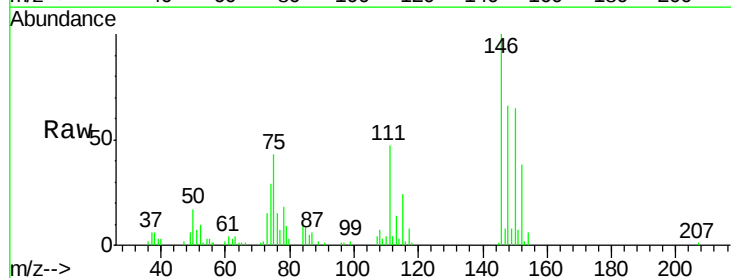
Manual Integrations
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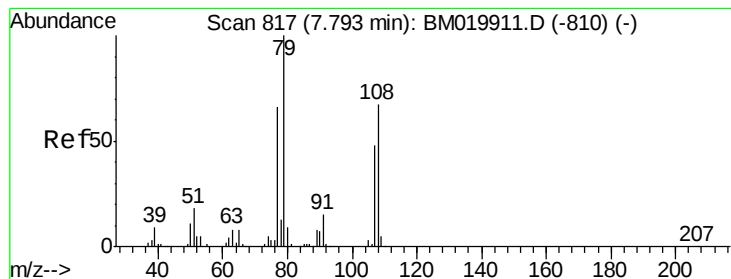
Sohil
 4/17/2019 4:05:10 PM



#14
 1,2-Dichlorobenzene
 Concen: 7.156 ng
 RT: 7.87 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BM019927.D
 Acq: 16 Apr 2019 11:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	51.4	77.2
111	46.6	35.4	53.0





#15

Benzyl Alcohol

Concen: 8.190 ng m

RT: 7.80 min Scan# 819

Delta R.T. 0.01 min

Lab File: BM019927.D

Acq: 16 Apr 2019 11:09

Instrument :

BNA_M

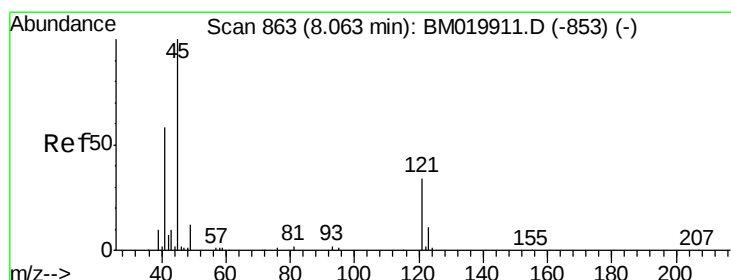
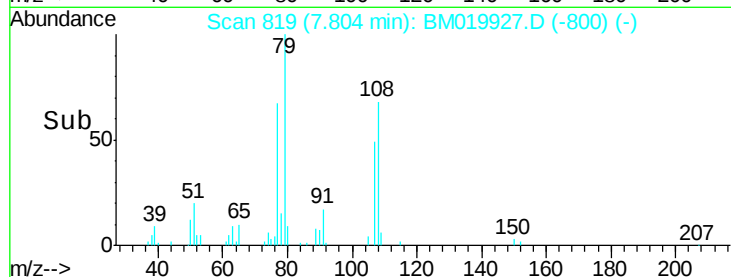
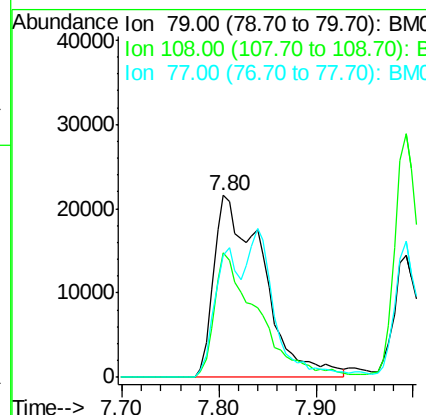
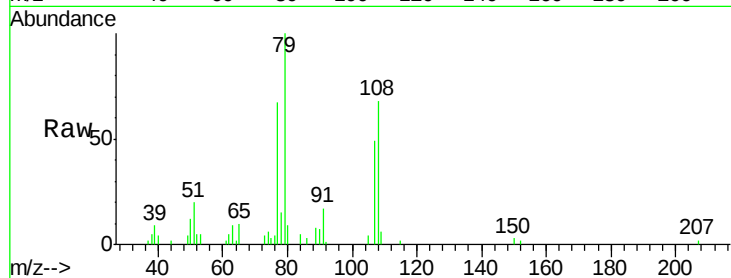
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

Tgt Ion:	79	Resp:	76150
Ion Ratio	Lower	Upper	
79	100		
108	68.4	53.9	80.9
77	66.9	53.1	79.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 7.191 ng

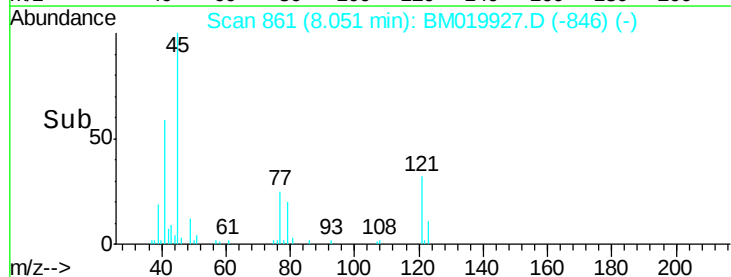
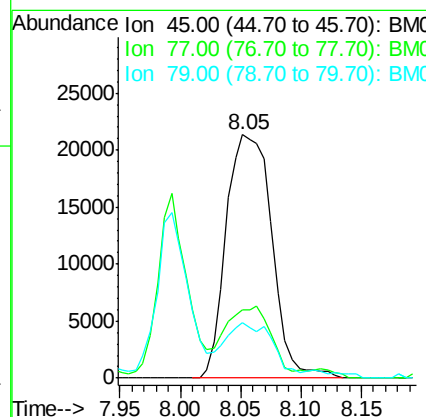
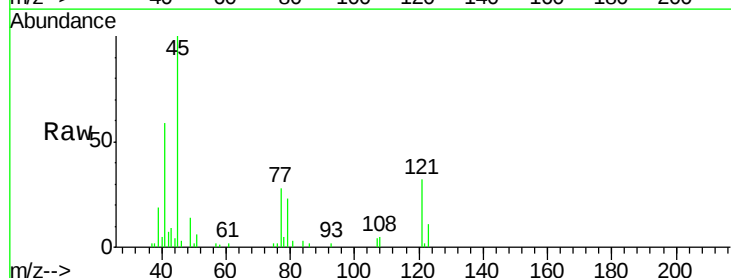
RT: 8.05 min Scan# 861

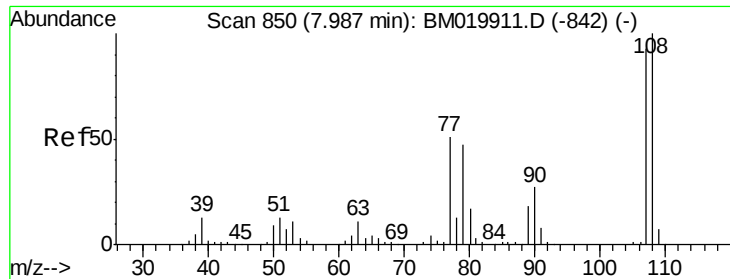
Delta R.T. -0.01 min

Lab File: BM019927.D

Acq: 16 Apr 2019 11:09

Tgt Ion:	45	Resp:	56045
Ion Ratio	Lower	Upper	
45	100		
77	28.0	7.2	47.2
79	22.9	1.2	41.2





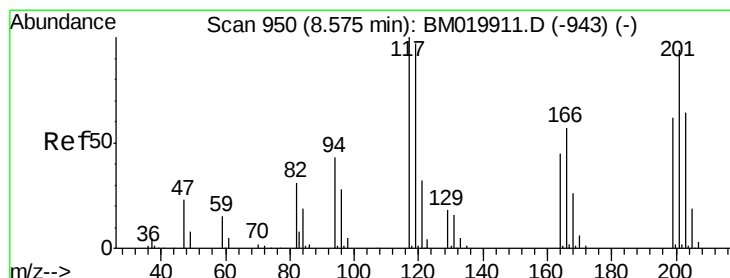
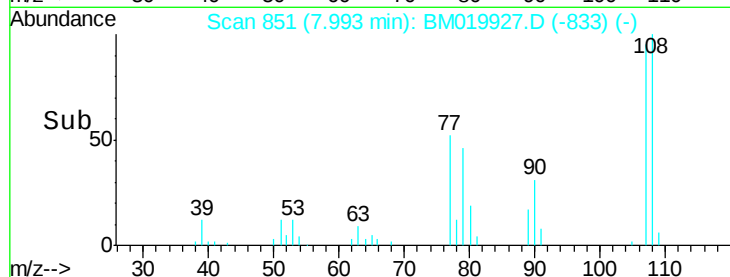
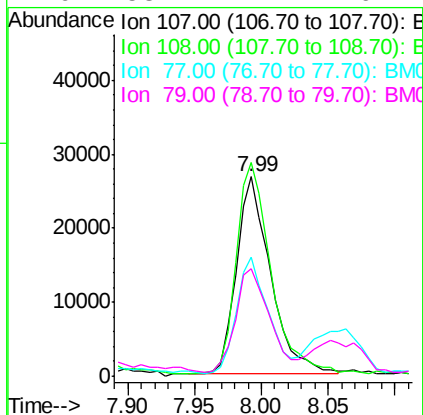
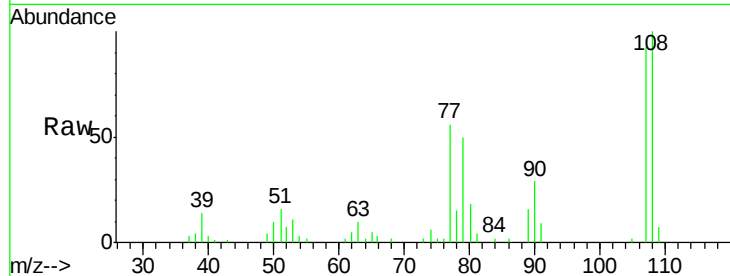
#17
2-Methylphenol
Concen: 6.360 ng
RT: 7.99 min Scan# 851
Delta R.T. 0.01 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion:	107	Resp:	47036
Ion Ratio	Lower	Upper	
107	100		
108	107.1	85.9	128.9
77	60.0	43.8	65.6
79	53.7	41.1	61.7

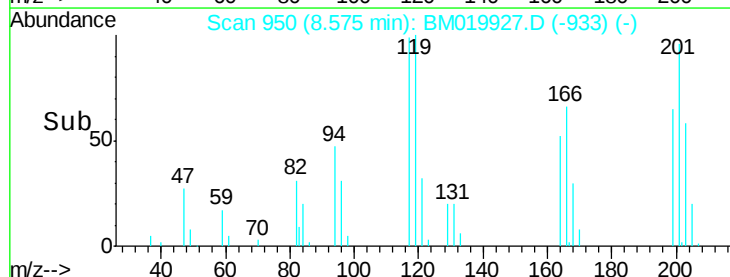
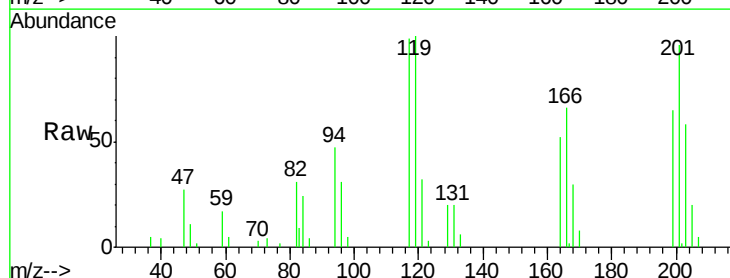
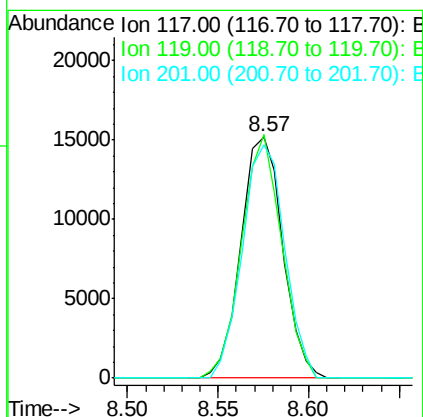
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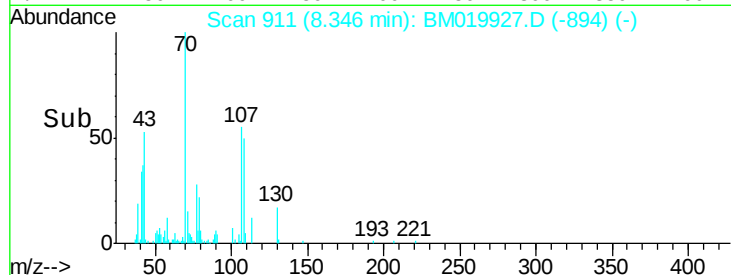
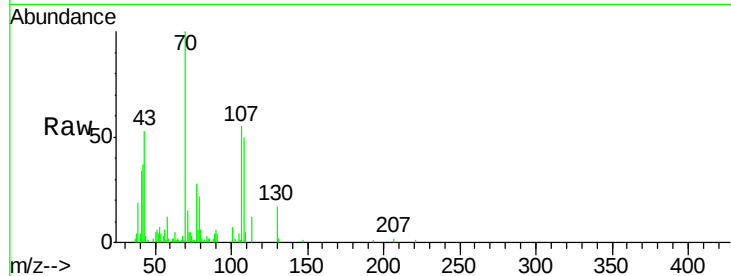
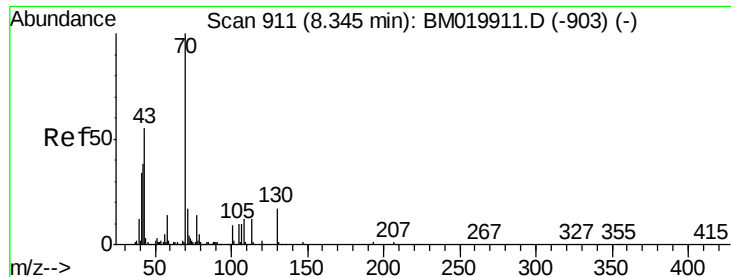
Sohil
4/17/2019 4:05:10 PM



#18
Hexachloroethane
Concen: 6.974 ng
RT: 8.57 min Scan# 950
Delta R.T. 0.00 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Tgt Ion:	117	Resp:	24407
Ion Ratio	Lower	Upper	
117	100		
119	100.8	77.6	116.4
201	96.6	75.4	113.2





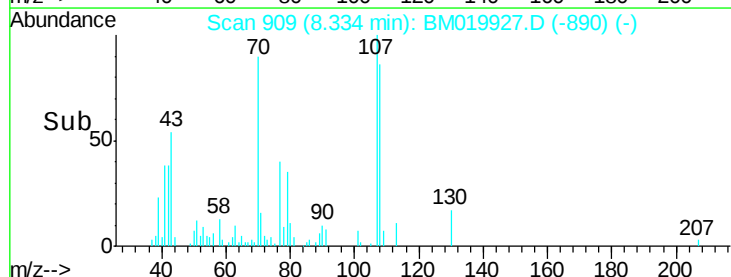
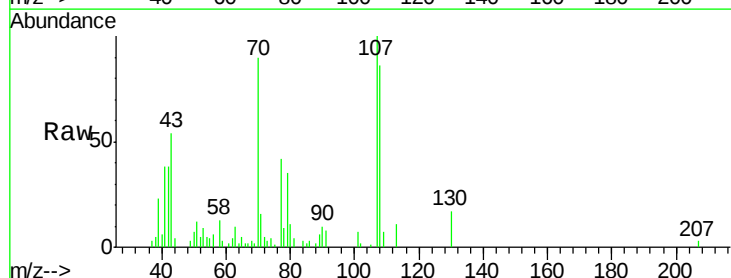
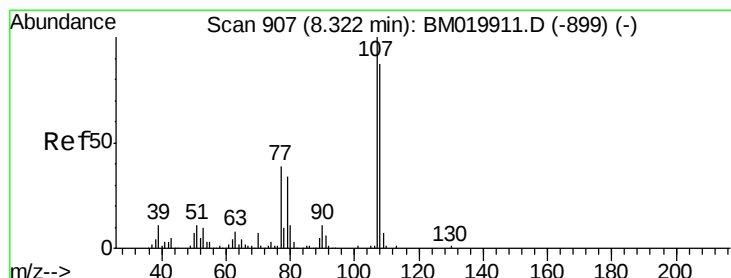
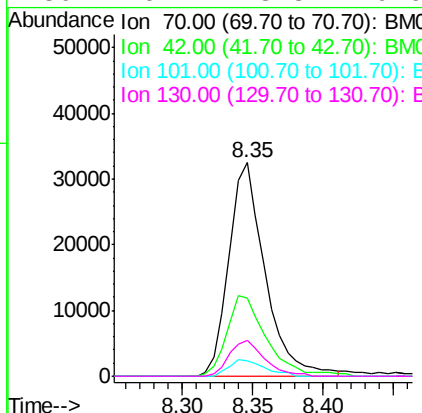
#19
n-Nitroso-di-n-propylamine
Concen: 6.475 ng
RT: 8.35 min Scan# 911
Delta R.T. 0.00 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	36.5	30.3	45.5	
101	7.0	6.9	10.3	
130	16.7	13.8	20.6	

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

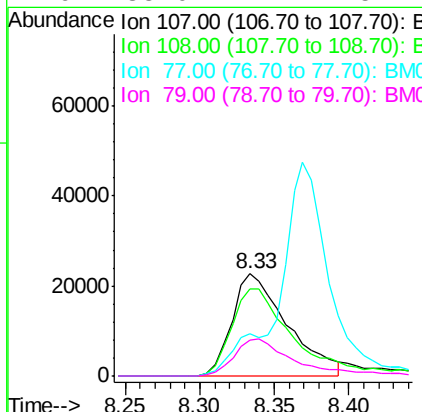
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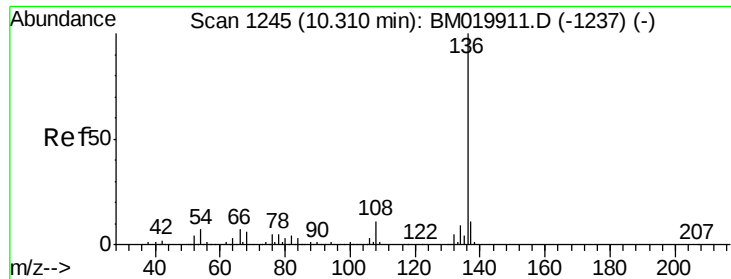
Sohil
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#20
3+4-Methylphenols
Concen: 5.772 ng
RT: 8.33 min Scan# 909
Delta R.T. 0.01 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.7	67.4	107.4	
77	41.7	19.7	59.7	
79	35.0	14.1	54.1	





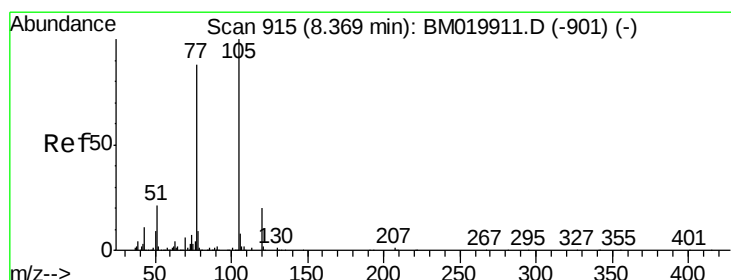
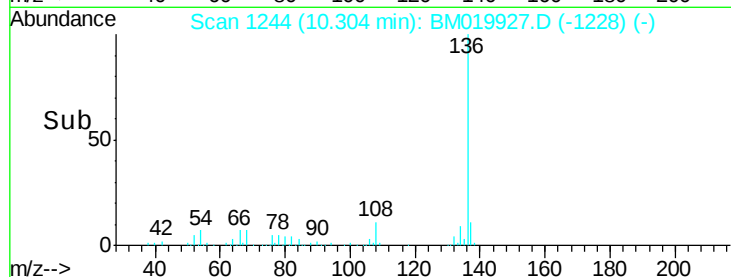
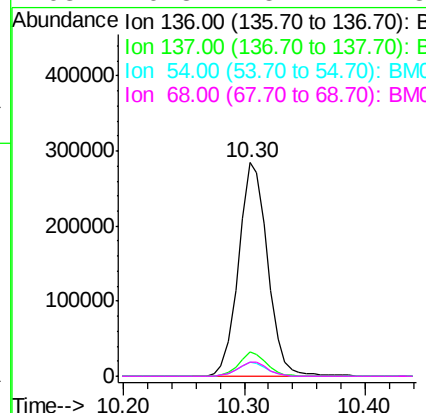
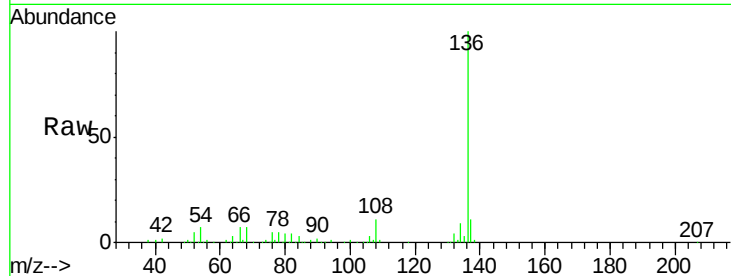
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.30 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	477687		
137	11.2	9.0	13.6	
54	6.6	5.3	7.9	
68	6.8	5.2	7.8	

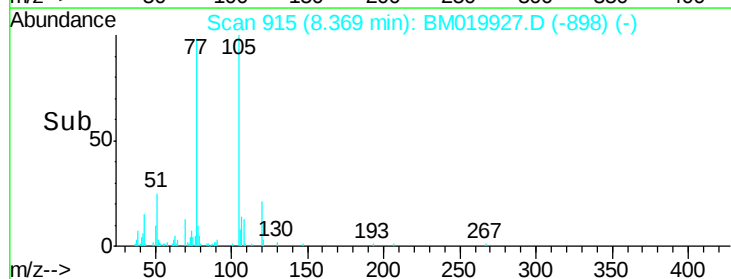
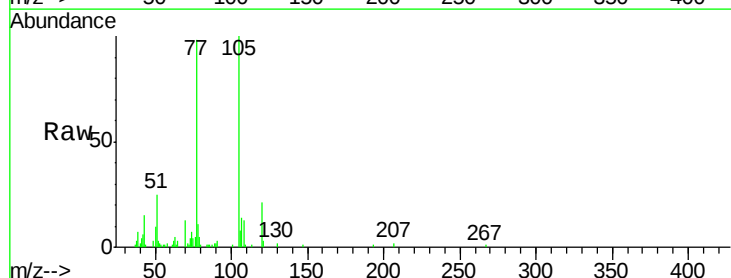
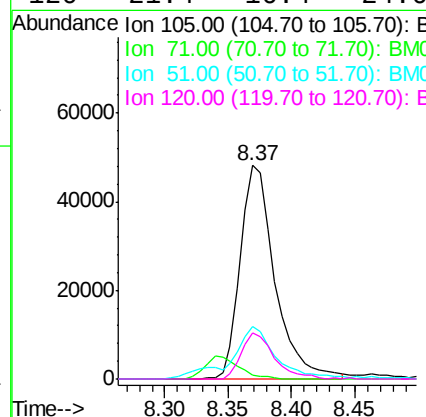
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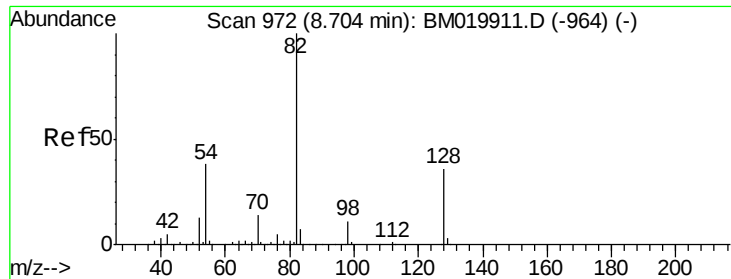
Sohil
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#22
Acetophenone
Concen: 7.050 ng
RT: 8.37 min Scan# 915
Delta R.T. 0.00 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	91727		
71	1.9	0.8	1.2#	
51	24.7	16.9	25.3	
120	21.4	16.4	24.6	





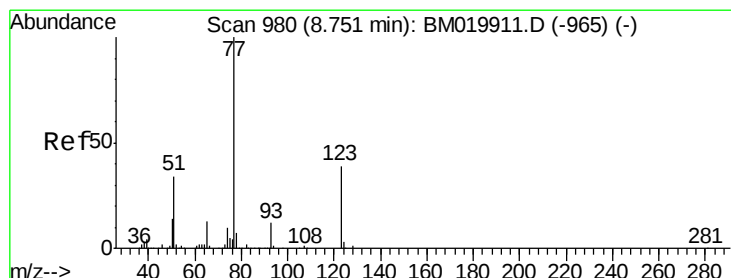
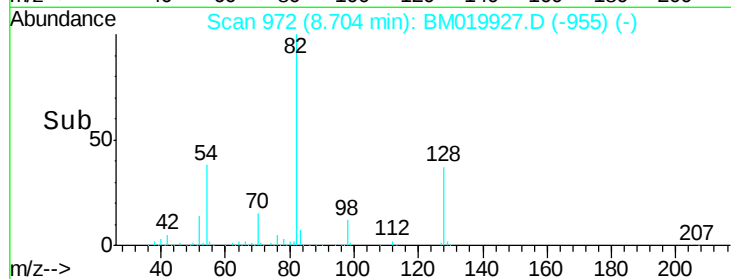
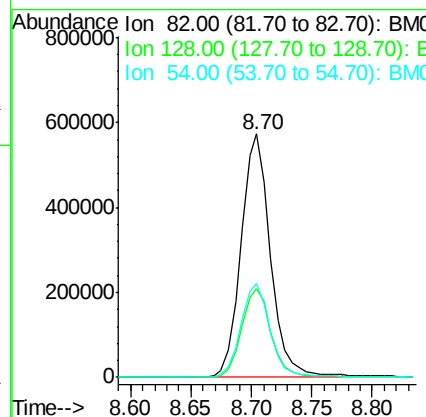
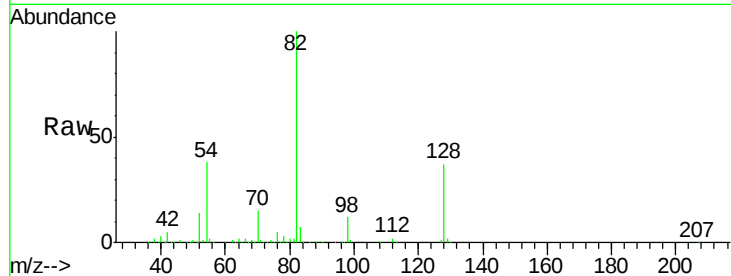
#23
 Nitrobenzene-d5
 Concen: 90.981 ng
 RT: 8.70 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BM019927.D
 Acq: 16 Apr 2019 11:09

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	971813		
128	36.6	29.0	43.4	
54	38.3	30.2	45.4	

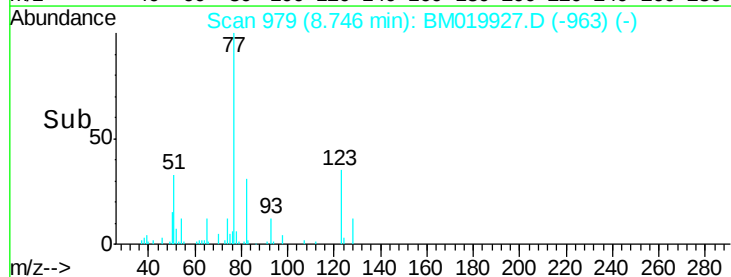
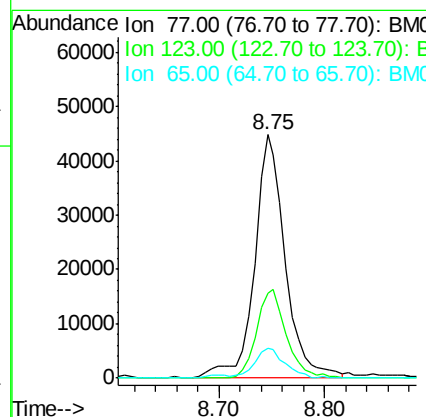
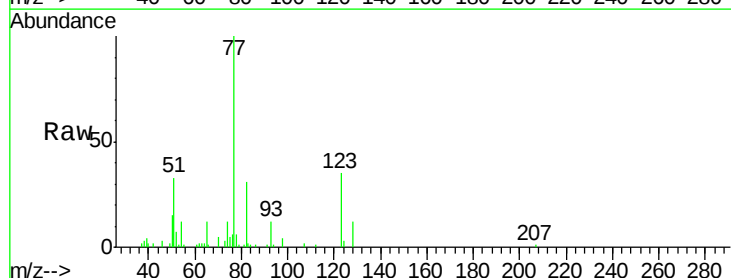
Manual Integrations
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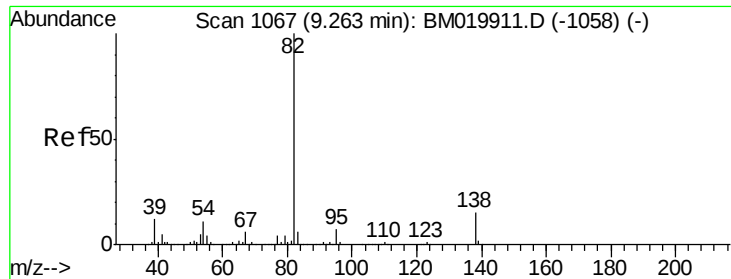
Sohil
 4/17/2019 4:05:10 PM



#24
 Nitrobenzene
 Concen: 8.178 ng
 RT: 8.75 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BM019927.D
 Acq: 16 Apr 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	90495		
123	35.1	31.0	46.4	
65	12.3	10.6	16.0	





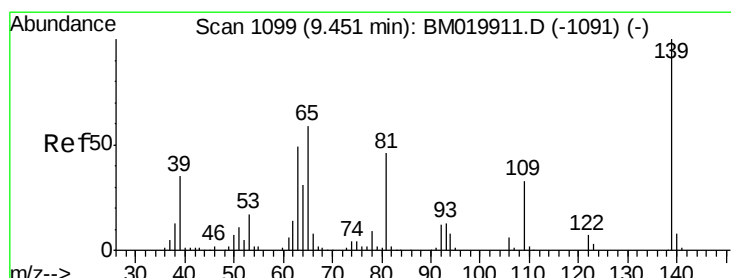
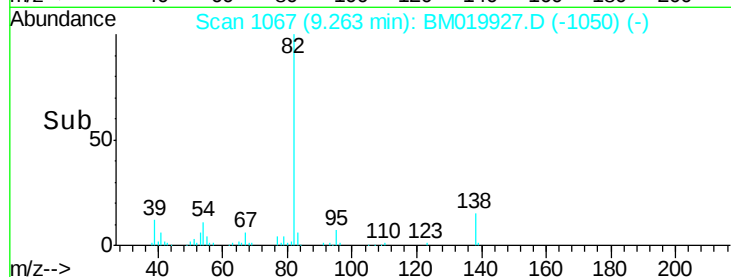
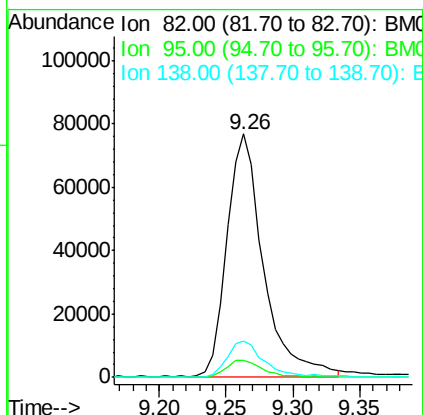
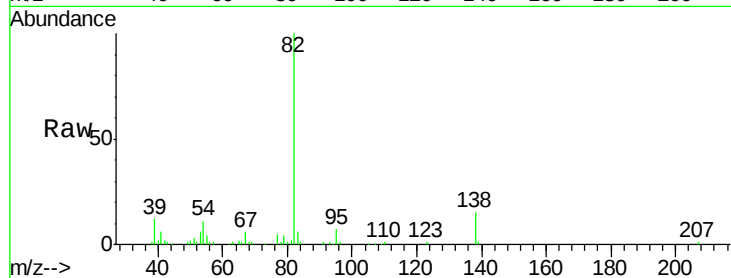
#25
Isophorone
Concen: 7.096 ng
RT: 9.26 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	147537		
95	7.1	5.5	8.3	
138	15.0	12.2	18.2	

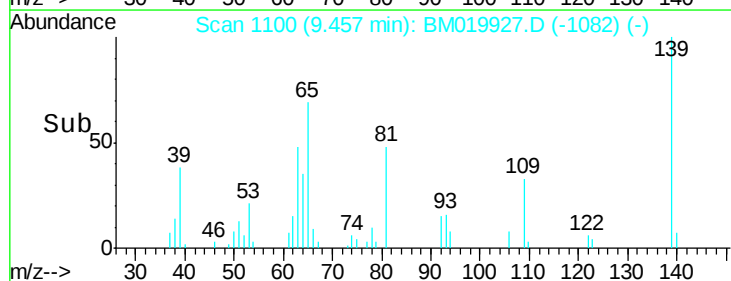
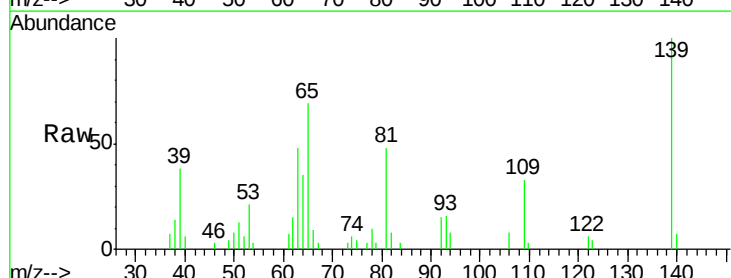
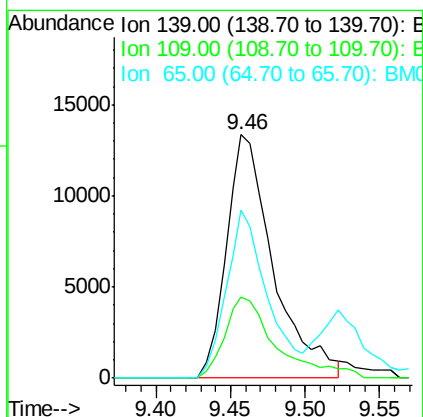
Manual Integrations
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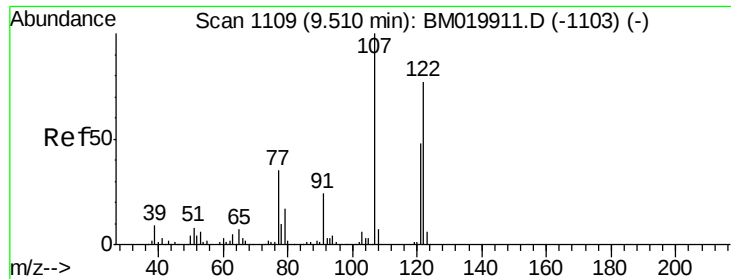
Sohil
4/17/2019 4:05:10 PM



#26
2-Nitrophenol
Concen: 6.205 ng
RT: 9.46 min Scan# 1100
Delta R.T. 0.01 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	29261		
109	33.4	26.3	39.5	
65	69.1	47.4	71.2	





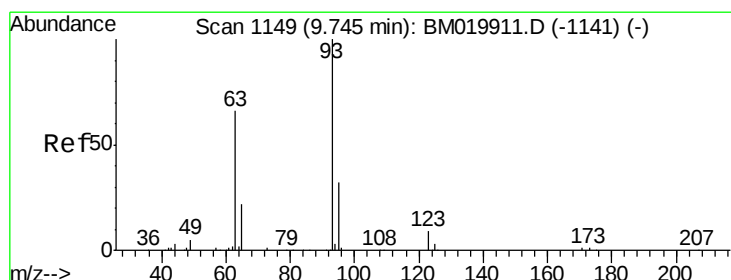
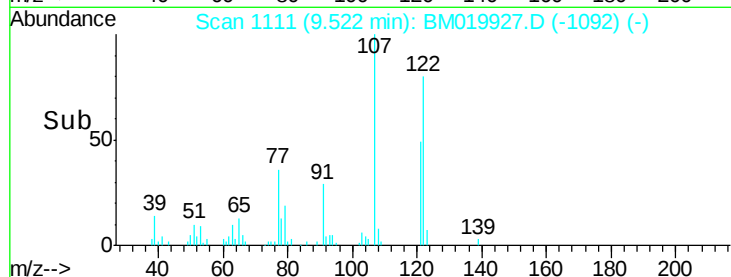
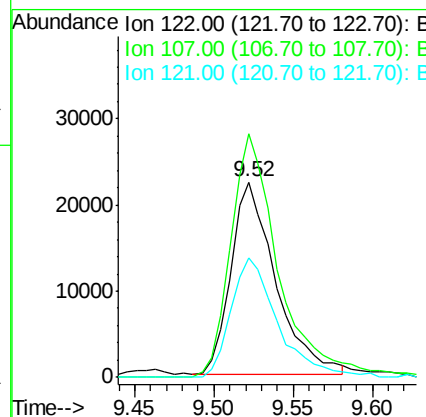
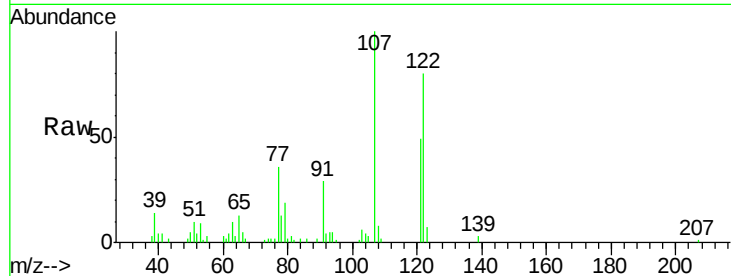
#27
2,4-Dimethylphenol
Concen: 6.544 ng
RT: 9.52 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Lower	Upper
122	100		
107	124.8	103.1	154.7
121	61.3	49.8	74.8

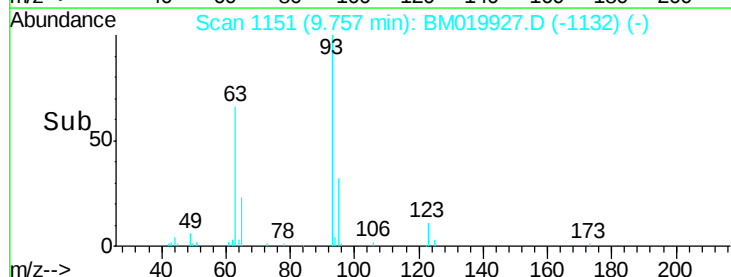
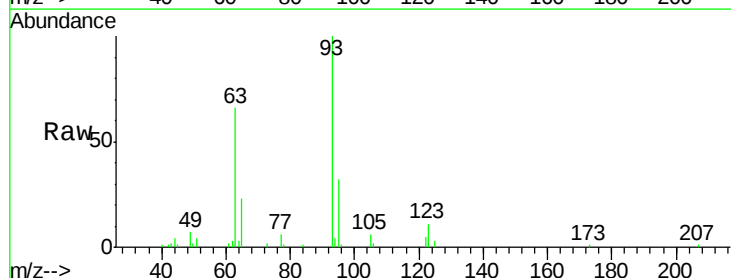
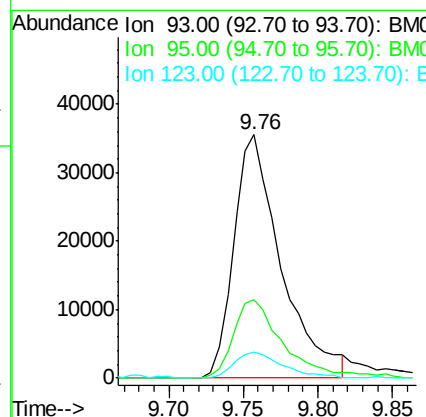
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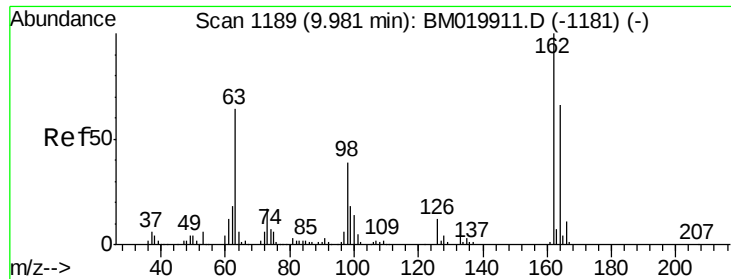
Sohil
4/17/2019 4:05:10 PM



#28
bis(2-Chloroethoxy)methane
Concen: 6.724 ng
RT: 9.76 min Scan# 1151
Delta R.T. 0.01 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.8	38.8
123	10.9	8.2	12.2





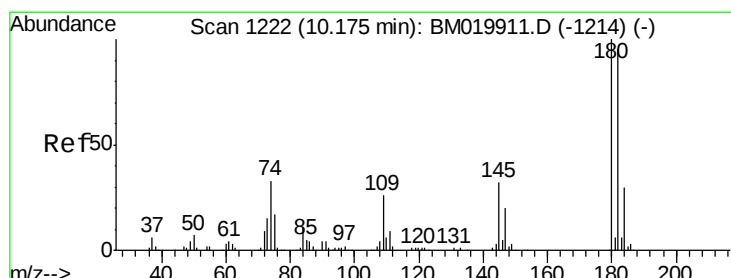
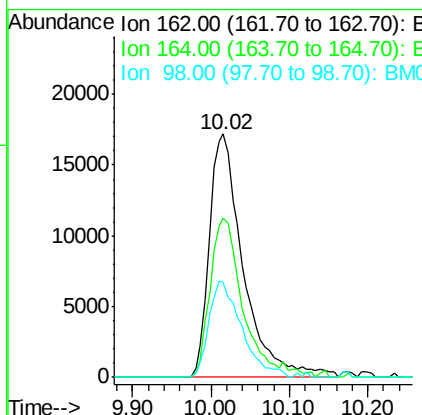
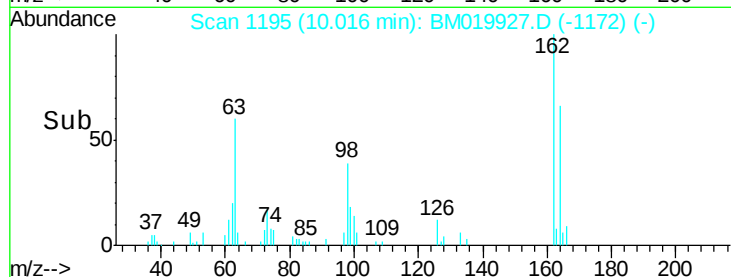
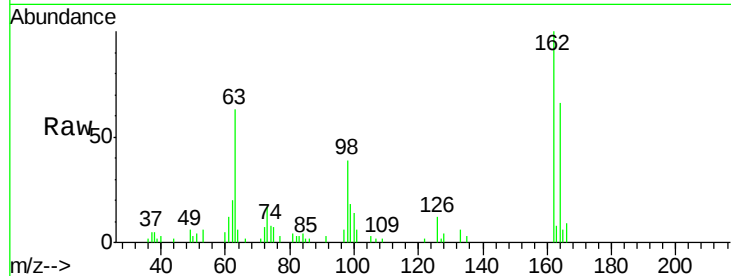
#29
2,4-Dichlorophenol
Concen: 6.806 ng m
RT: 10.02 min Scan# 1195
Delta R.T. 0.04 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	51533		
164	65.6	46.3	86.3	
98	39.1	19.2	59.2	

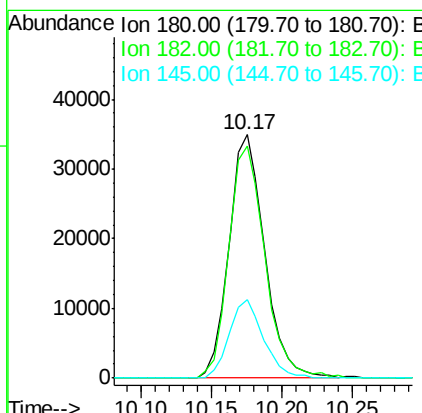
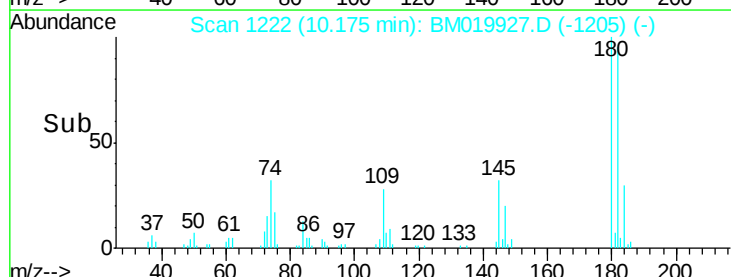
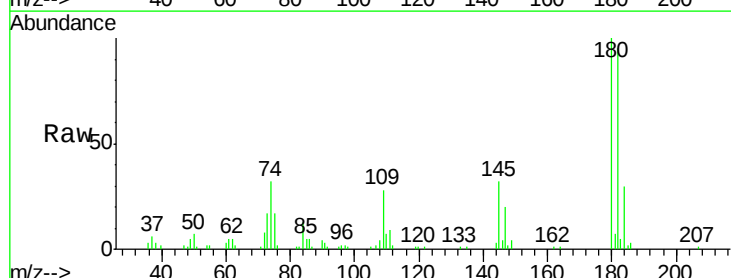
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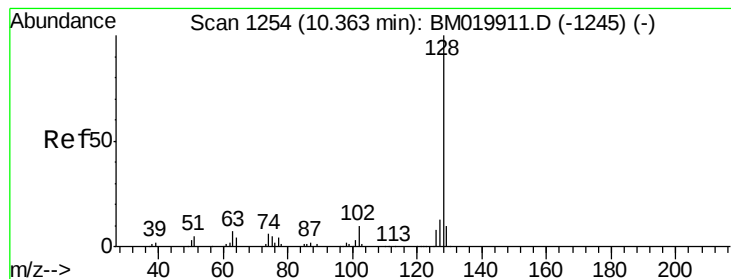
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 7.535 ng
RT: 10.17 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	61413		
182	95.4	76.3	114.5	
145	32.4	25.5	38.3	





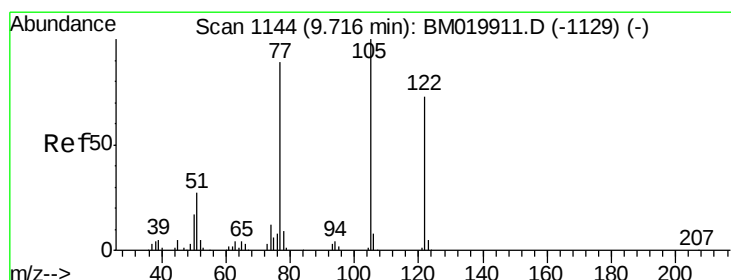
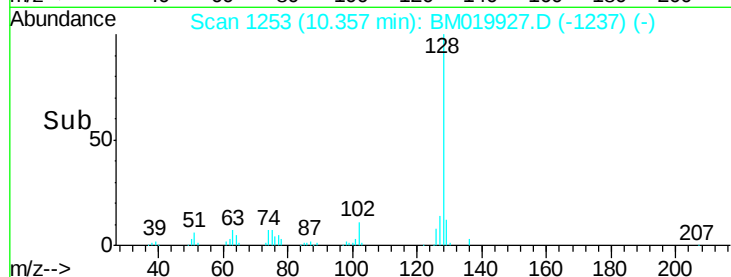
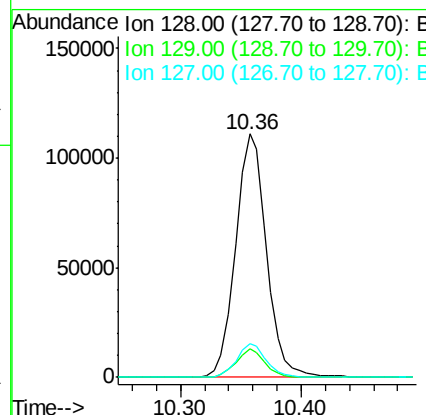
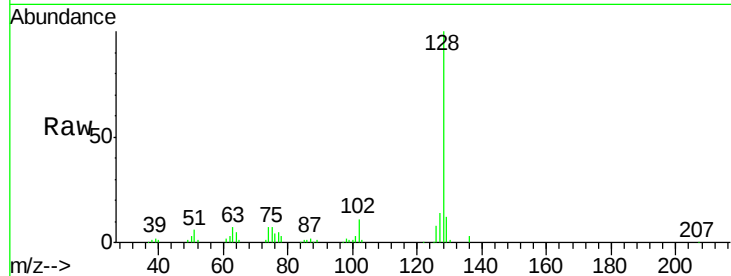
#31
Naphthalene
Concen: 7.684 ng
RT: 10.36 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	196889		
129	11.6	8.3	12.5	
127	13.7	10.4	15.6	

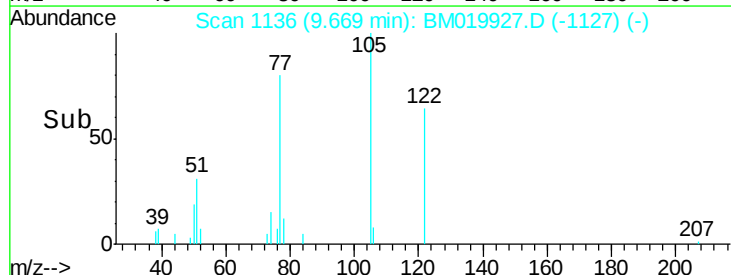
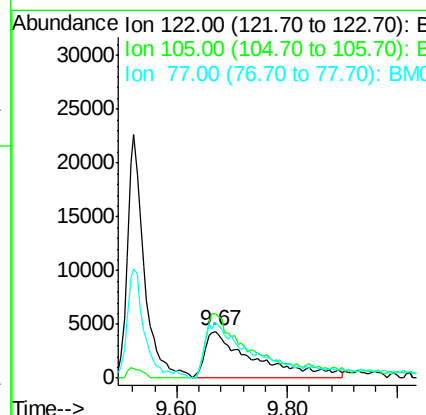
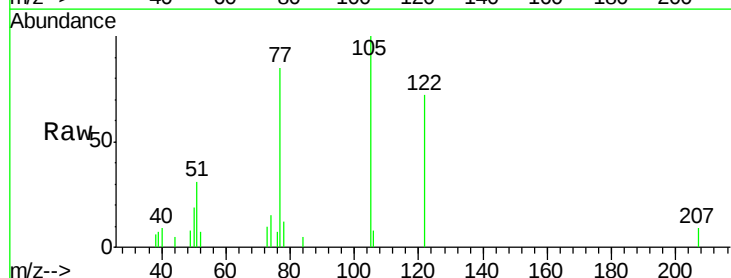
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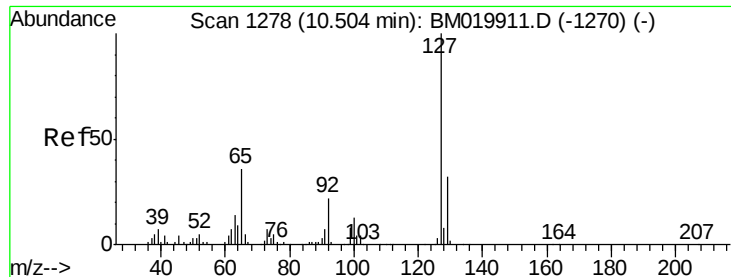
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#32
Benzoic acid
Concen: 8.918 ng m
RT: 9.67 min Scan# 1136
Delta R.T. -0.05 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	26994		
105	138.9	114.8	154.8	
77	118.6	100.2	140.2	





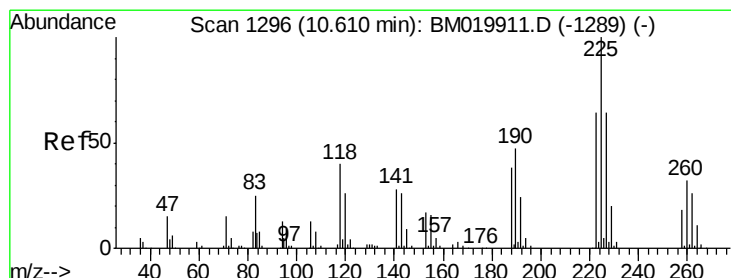
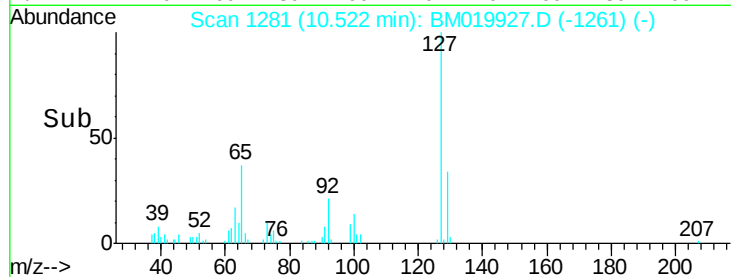
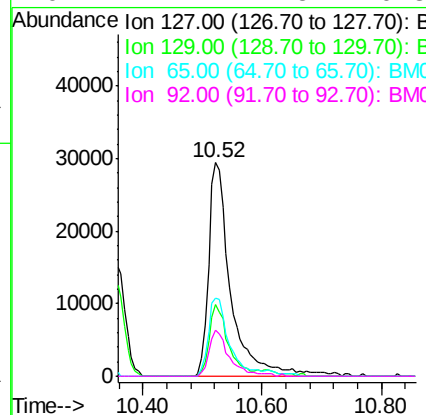
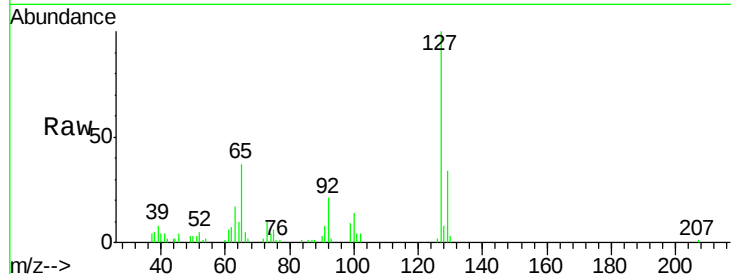
#33
4-Chloroaniline
Concen: 7.229 ng m
RT: 10.52 min Scan# 1281
Delta R.T. 0.02 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.7	25.4	38.0
65	36.8	29.2	43.8
92	21.4	17.5	26.3

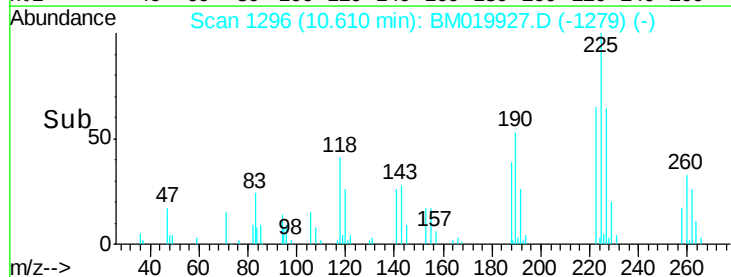
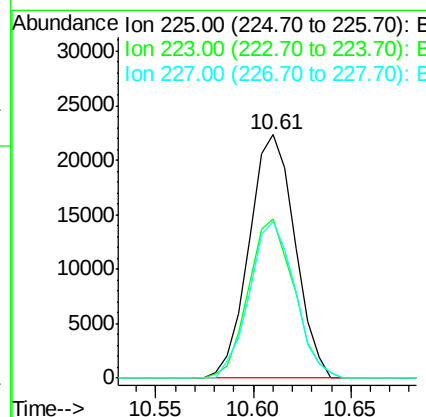
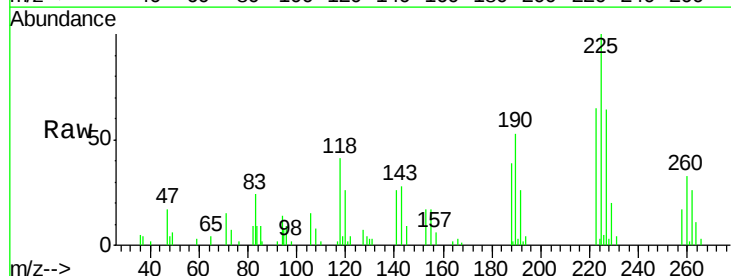
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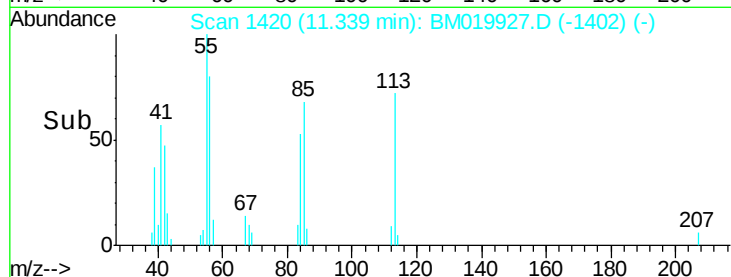
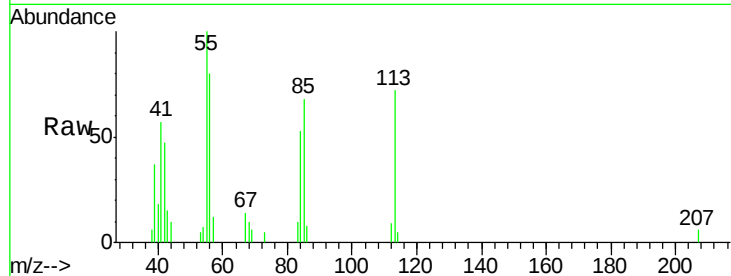
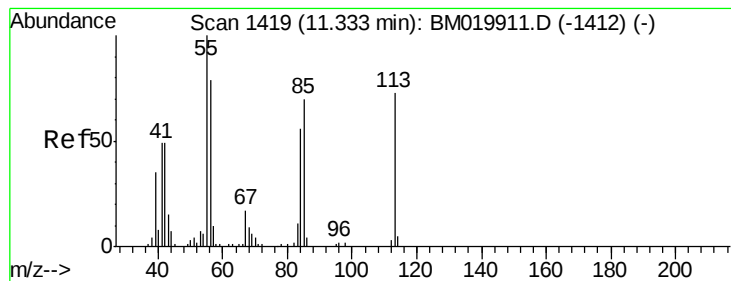
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#34
Hexachlorobutadiene
Concen: 7.540 ng
RT: 10.61 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.5	51.4	77.2
227	66.8	51.0	76.6





#35

Caprolactam

Concen: 5.797 ng m

RT: 11.34 min Scan# 1420

Delta R.T. 0.01 min

Lab File: BM019927.D

Acq: 16 Apr 2019 11:09

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

Tgt Ion:113 Resp: 16615

Ion Ratio Lower Upper

113 100

55 138.3 117.1 157.1

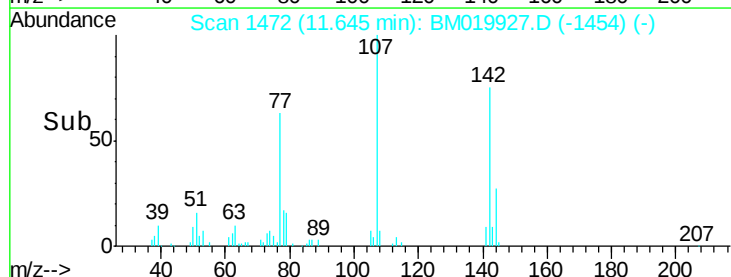
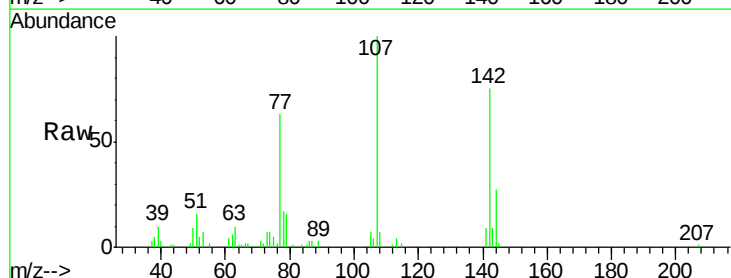
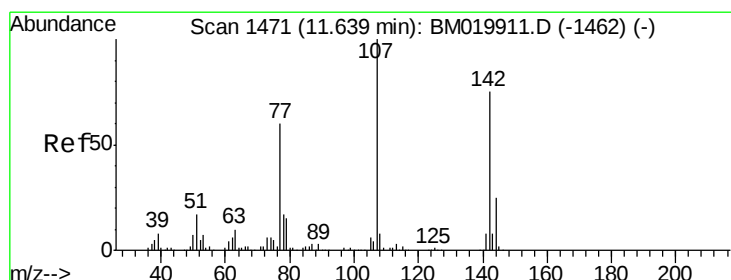
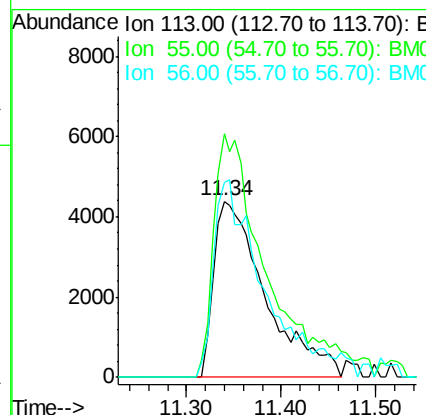
56 110.5 88.2 128.2

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#36

4-Chloro-3-methylphenol

Concen: 6.677 ng

RT: 11.65 min Scan# 1472

Delta R.T. 0.01 min

Lab File: BM019927.D

Acq: 16 Apr 2019 11:09

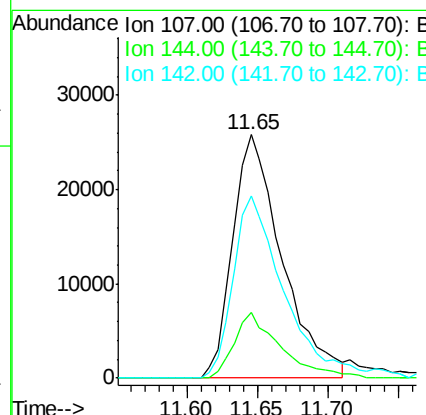
Tgt Ion:107 Resp: 62824

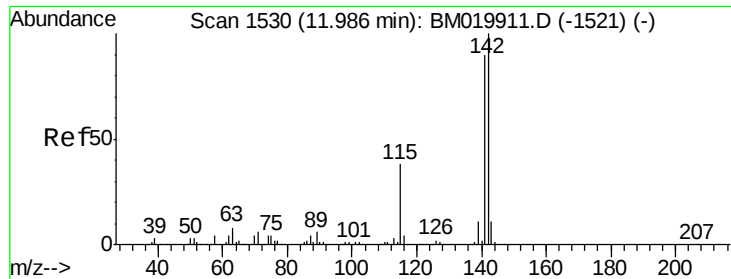
Ion Ratio Lower Upper

107 100

144 26.8 19.8 29.8

142 75.0 60.3 90.5





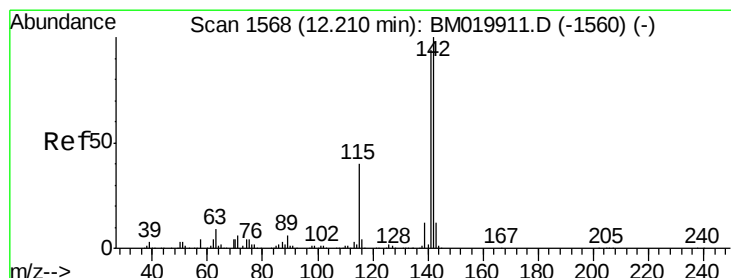
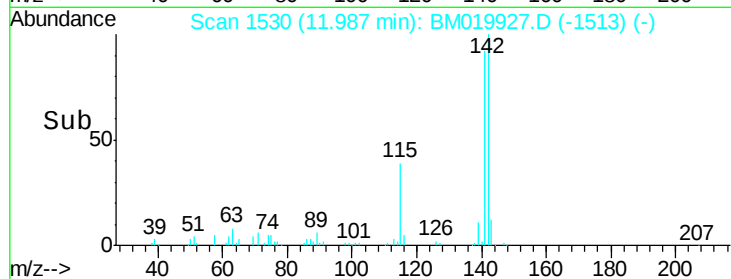
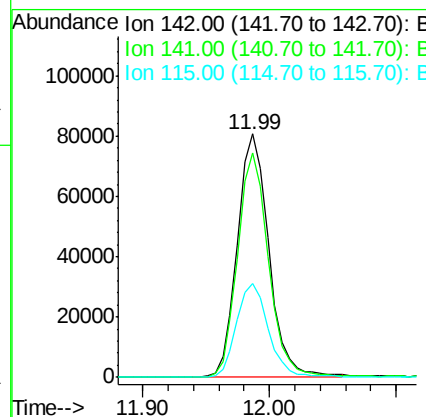
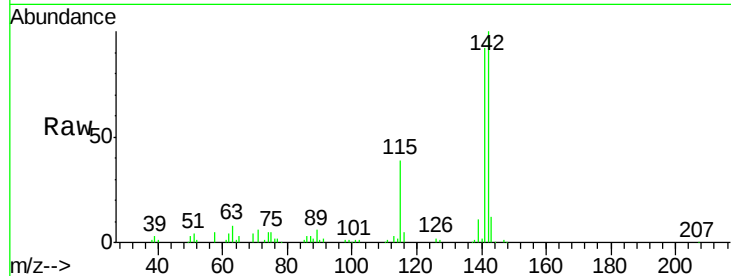
#37
 2-Methylnaphthalene
 Concen: 7.434 ng
 RT: 11.99 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: BM019927.D
 Acq: 16 Apr 2019 11:09

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	72.3	108.5
115	38.8	30.5	45.7

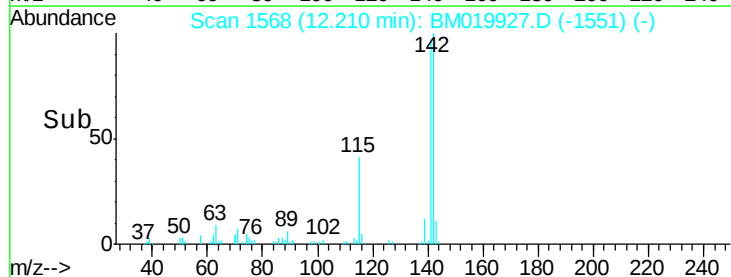
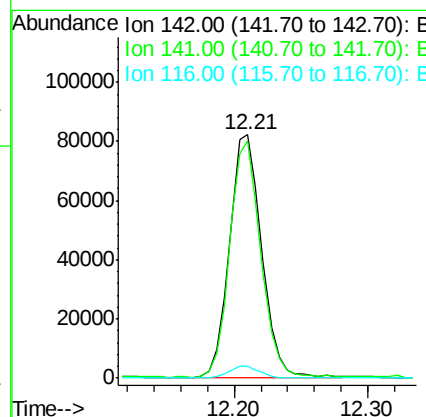
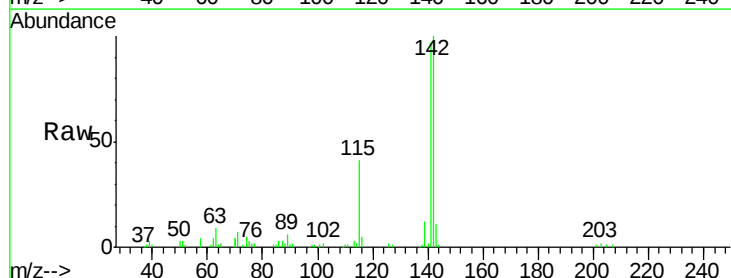
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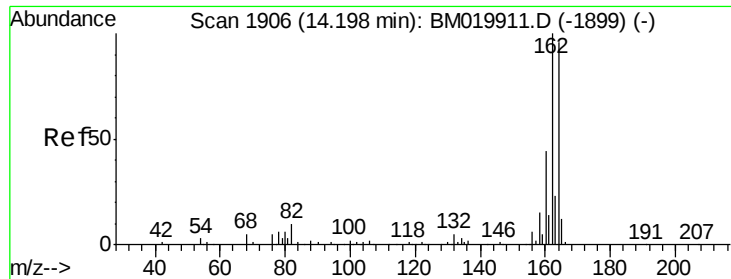
Sohil
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#38
 1-Methylnaphthalene
 Concen: 7.569 ng
 RT: 12.21 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BM019927.D
 Acq: 16 Apr 2019 11:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.2	75.7	113.5
116	5.0	3.4	5.2





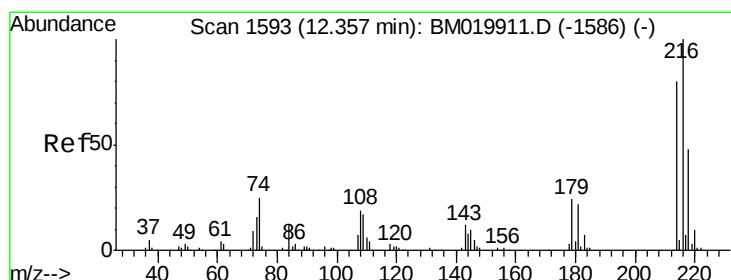
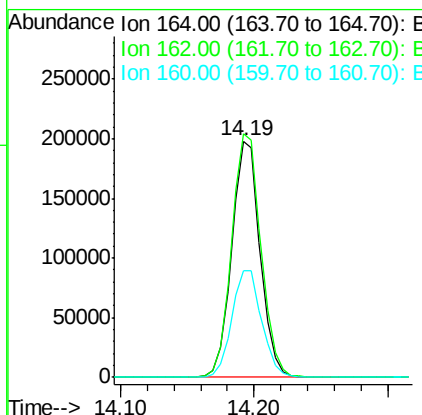
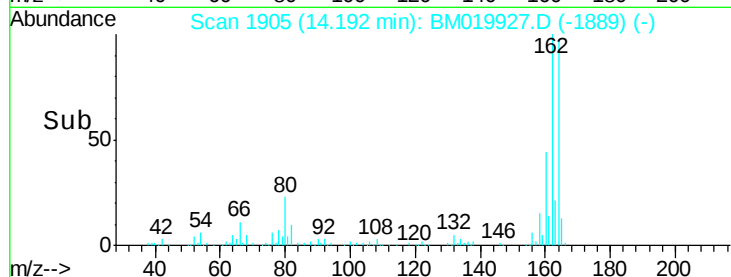
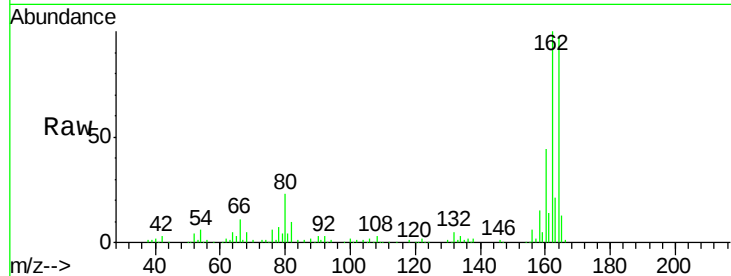
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.19 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	291777		
162	103.1	83.0	124.4	
160	45.2	36.6	55.0	

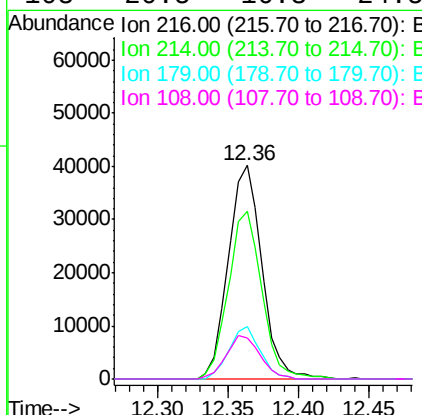
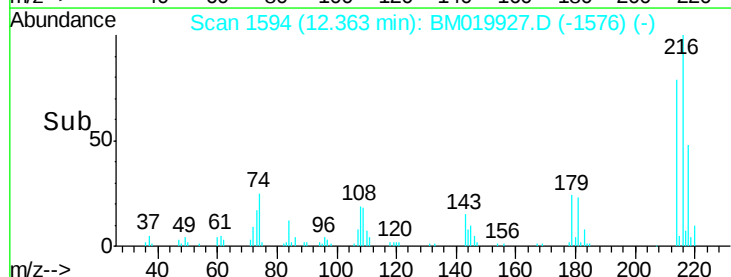
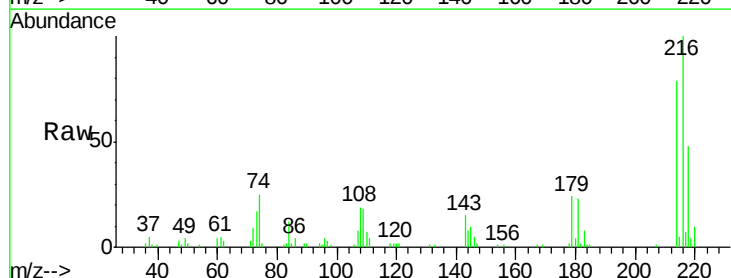
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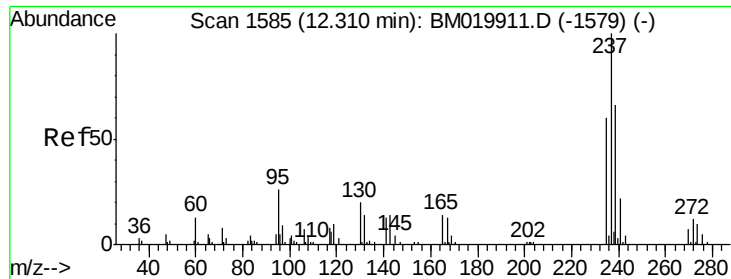
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.418 ng
RT: 12.36 min Scan# 1594
Delta R.T. 0.01 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	66769		
214	78.6	63.1	94.7	
179	22.8	19.0	28.6	
108	20.5	16.3	24.5	





#41

Hexachlorocyclopentadiene

Concen: 12.562 ng

RT: 12.30 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BM019927.D

Acq: 16 Apr 2019 11:09

Instrument :

BNA_M

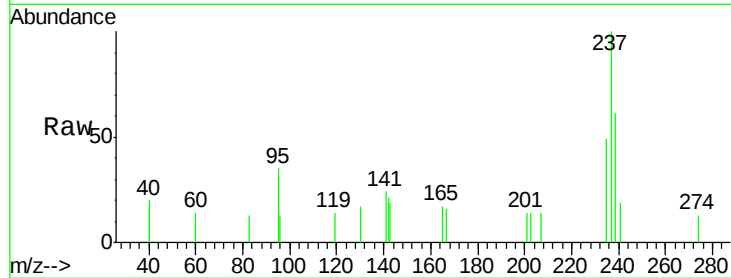
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

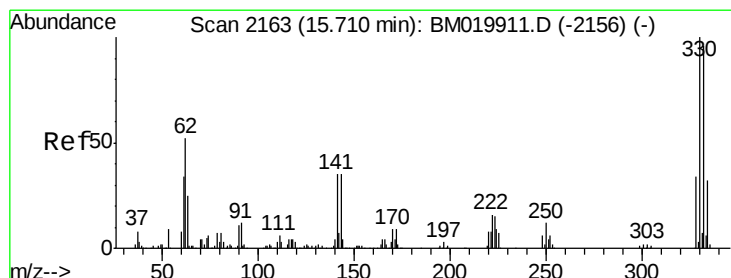
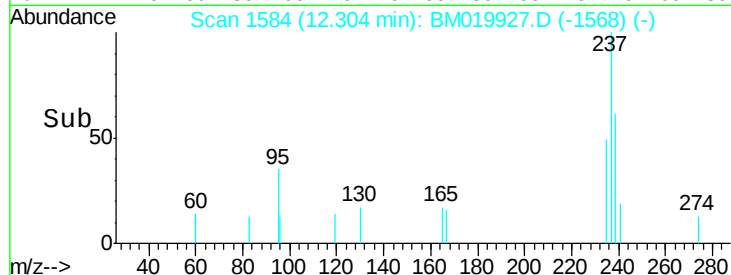
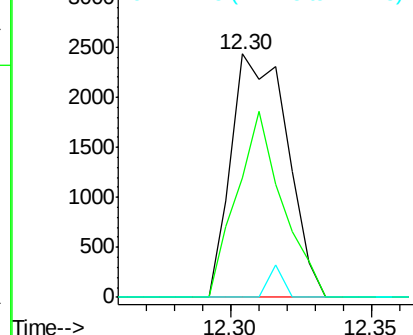
Tgt Ion:	237	Resp:	3352
Ion Ratio	Lower	Upper	
237	100		
235	49.2	40.4	80.4
272	0.0	0.0	32.3

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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



#42

2,4,6-Tribromophenol

Concen: 140.640 ng

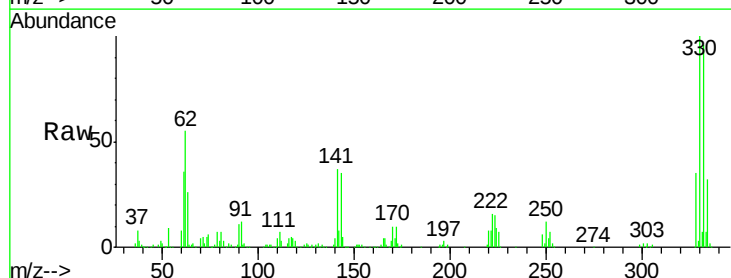
RT: 15.70 min Scan# 2162

Delta R.T. -0.01 min

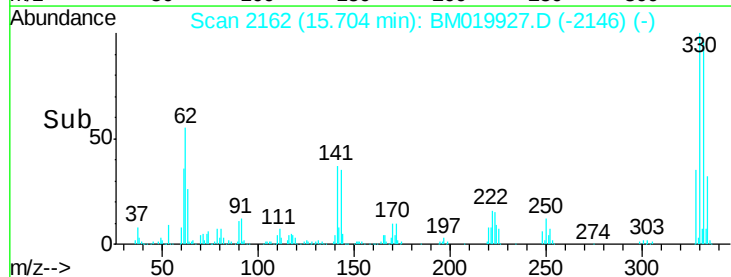
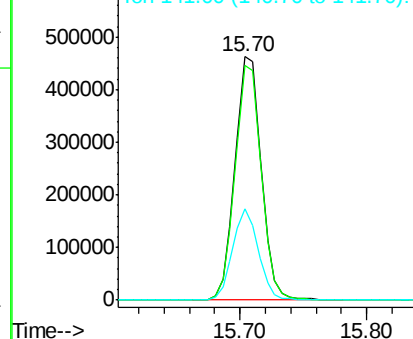
Lab File: BM019927.D

Acq: 16 Apr 2019 11:09

Tgt Ion:	330	Resp:	660558
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.4	116.2
141	36.8	29.0	43.4



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





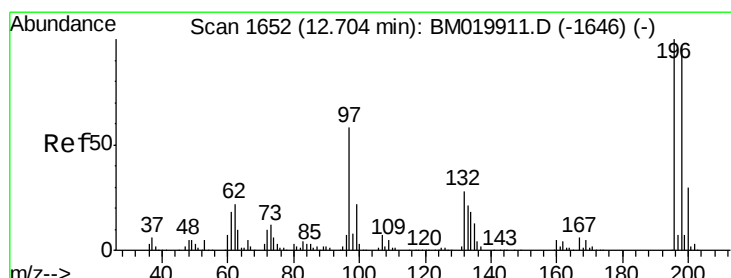
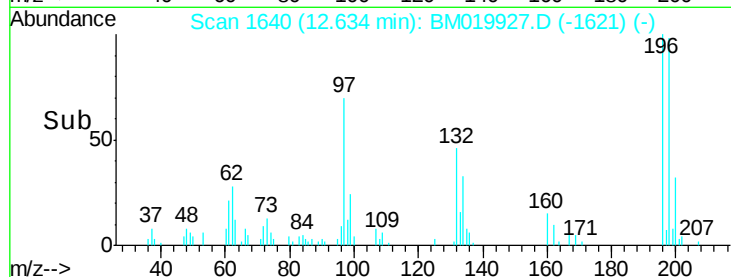
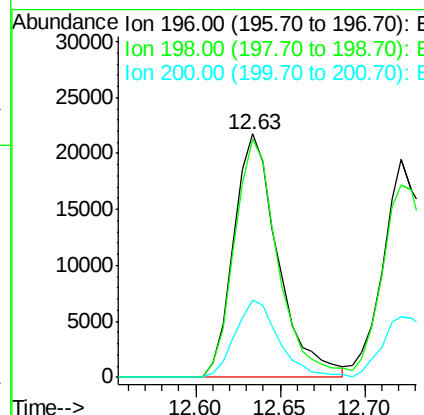
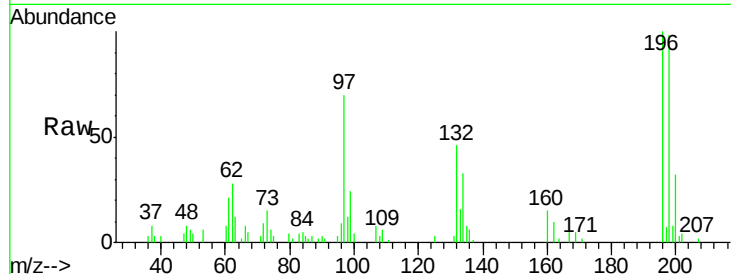
#43
 2,4,6-Trichlorophenol
 Concen: 6.514 ng
 RT: 12.63 min Scan# 1640
 Delta R.T. 0.01 min
 Lab File: BM019927.D
 Acq: 16 Apr 2019 11:09

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	39749		
198	98.1	76.8	115.2	
200	31.8	24.6	37.0	

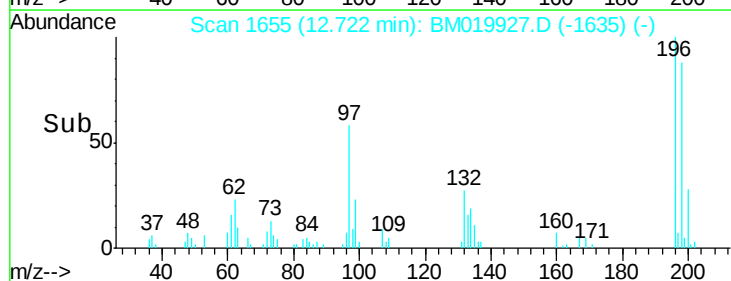
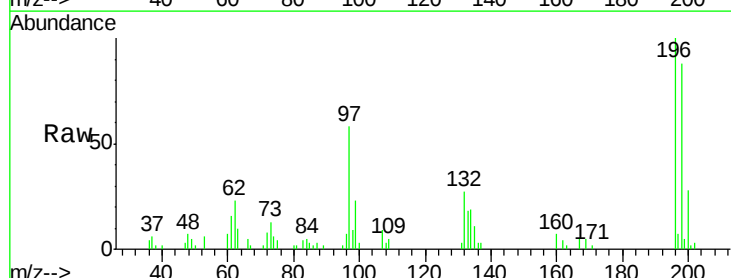
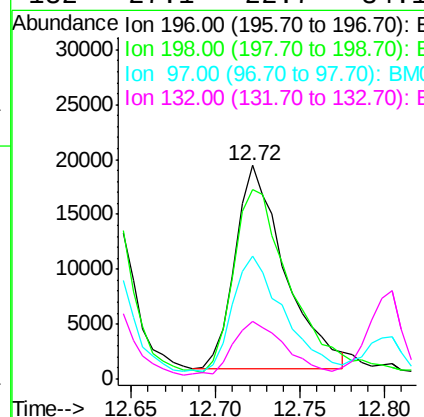
Manual Integrations
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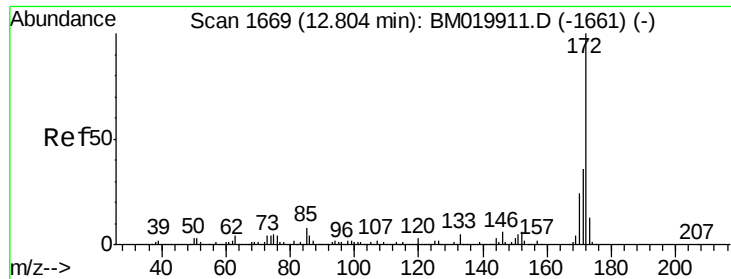
Sohil
 4/17/2019 4:05:10 PM



#44
 2,4,5-Trichlorophenol
 Concen: 5.970 ng
 RT: 12.72 min Scan# 1655
 Delta R.T. 0.02 min
 Lab File: BM019927.D
 Acq: 16 Apr 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	37919		
198	88.5	77.8	116.8	
97	57.8	46.2	69.2	
132	27.1	22.7	34.1	





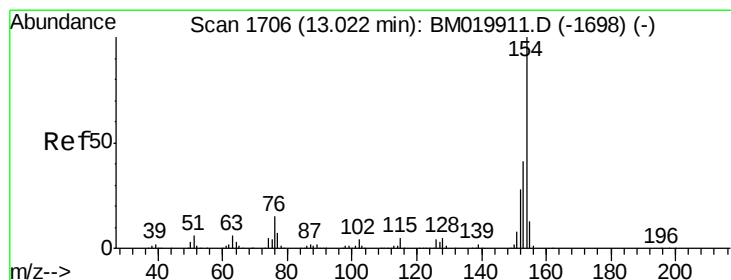
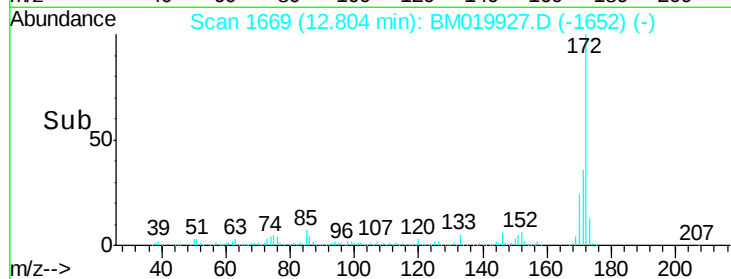
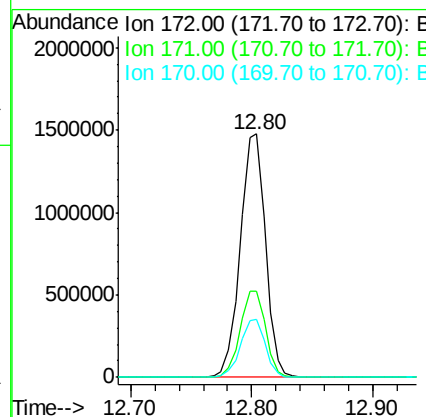
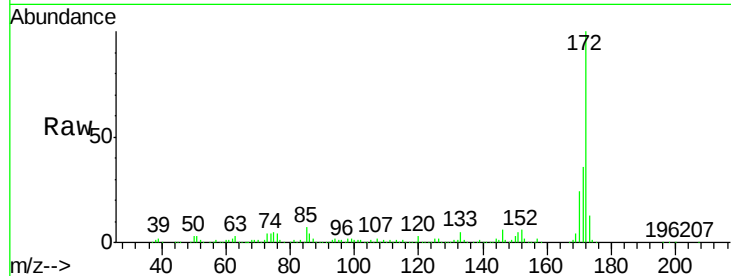
#45
2-Fluorobiphenyl
Concen: 92.234 ng
RT: 12.80 min Scan# 1669
Delta R.T. 0.00 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	23.8	19.0	28.4

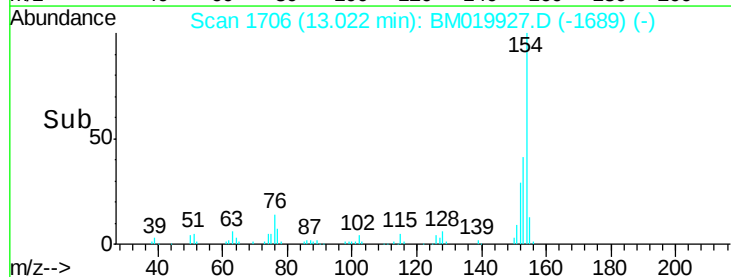
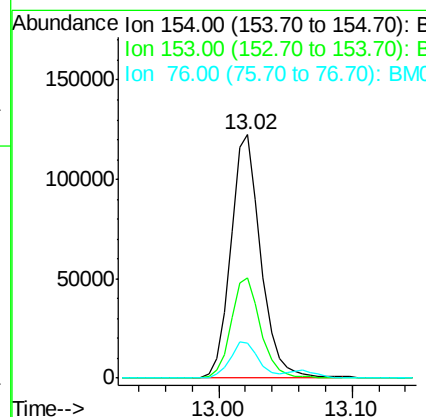
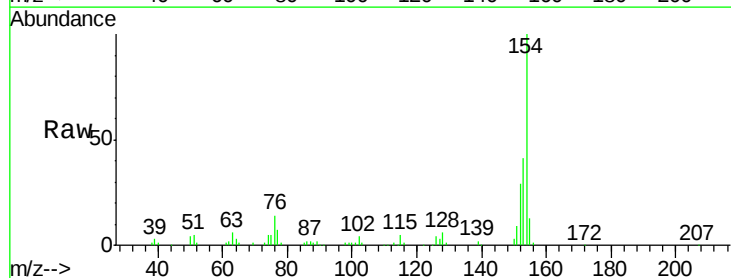
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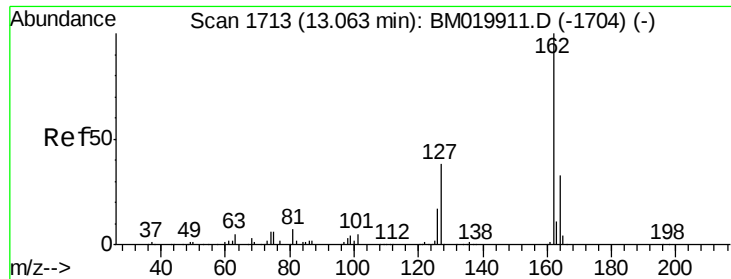
Sohil
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#46
1,1'-Biphenyl
Concen: 7.636 ng
RT: 13.02 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.0	61.0
76	14.4	0.0	34.8





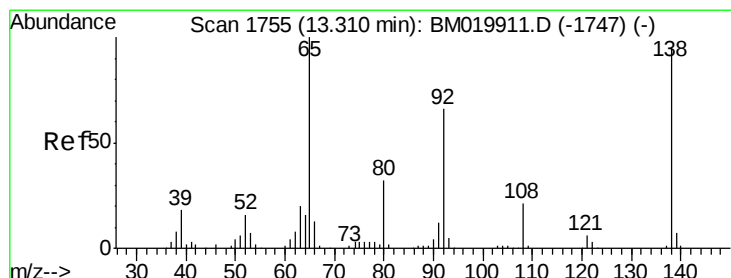
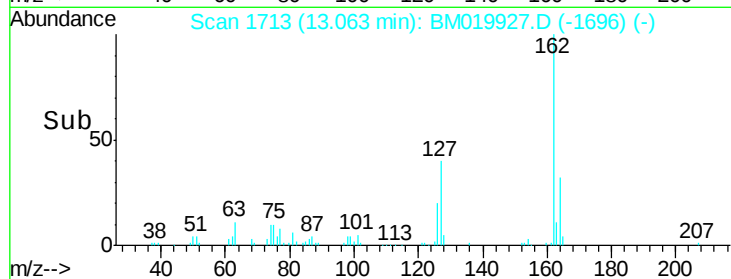
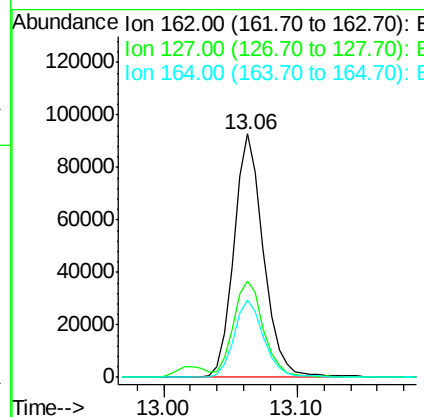
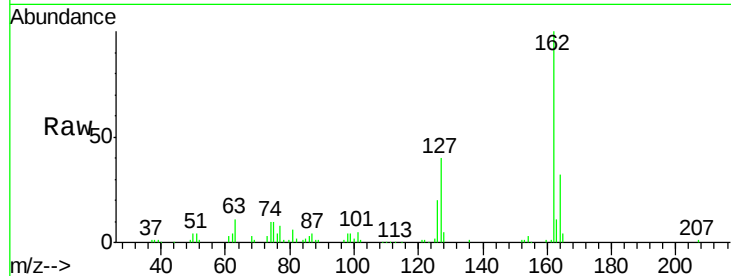
#47
2-Chloronaphthalene
Concen: 7.447 ng
RT: 13.06 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	143550		
127	39.6	32.3	48.5	
164	31.6	26.3	39.5	

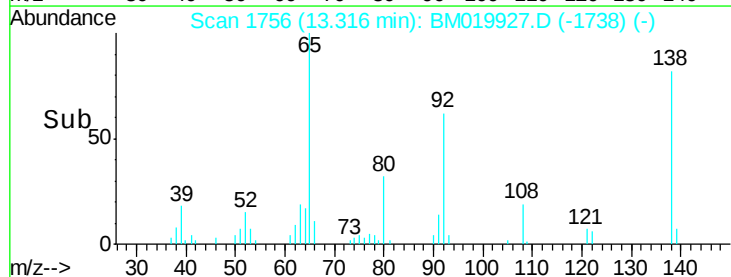
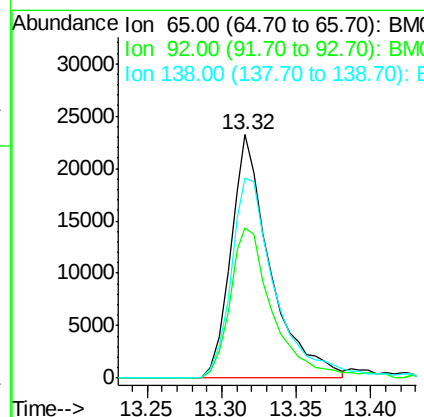
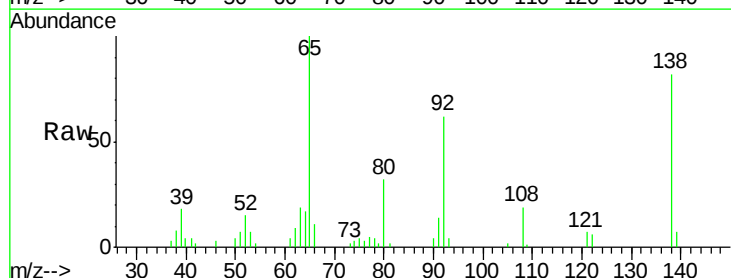
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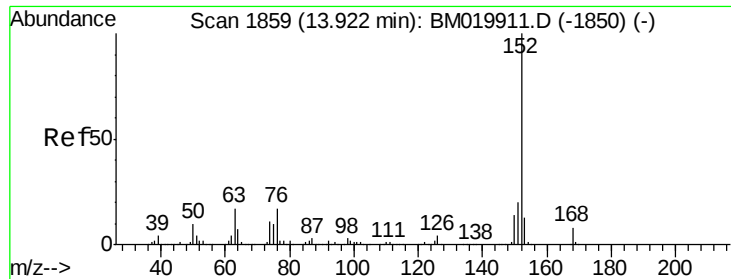
Sohil
4/17/2019 4:05:10 PM



#48
2-Nitroaniline
Concen: 6.138 ng
RT: 13.32 min Scan# 1756
Delta R.T. 0.01 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	42648		
92	61.8	52.9	79.3	
138	82.0	75.8	113.6	





#49

Acenaphthylene

Concen: 7.223 ng

RT: 13.92 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BM019927.D

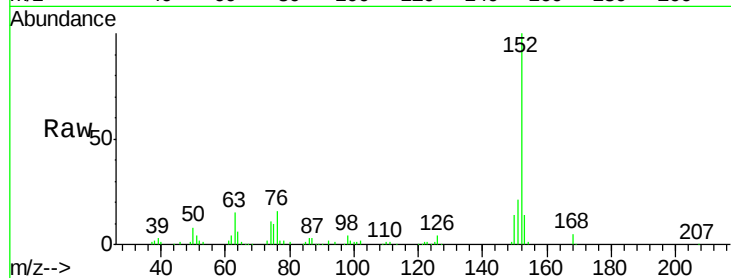
Acq: 16 Apr 2019 11:09

Instrument :

BNA_M

ClientSampleId :

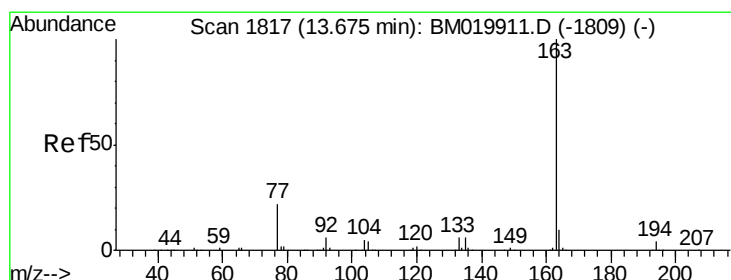
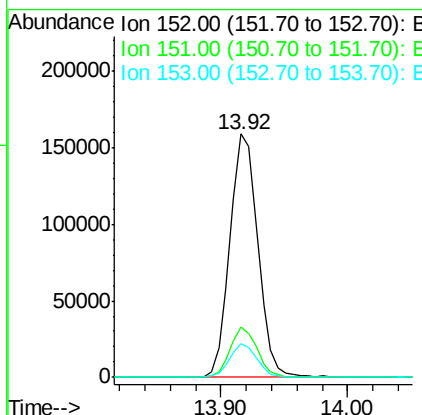
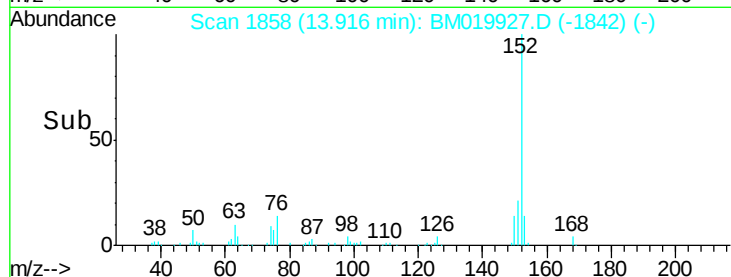
MDL-MDL-SOIL-03-QT1-2019



Tgt Ion:	152	Resp:	242249
Ion Ratio		Lower	Upper
152	100		
151	20.6	16.2	24.2
153	13.8	10.6	16.0

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#50

Dimethylphthalate

Concen: 7.504 ng

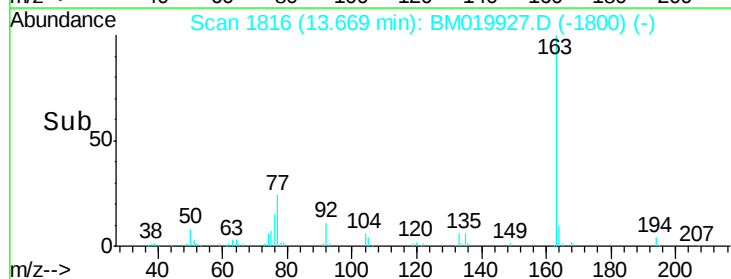
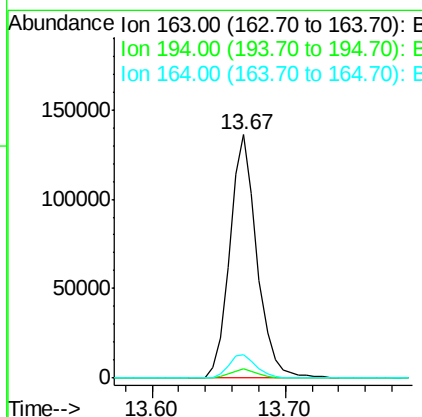
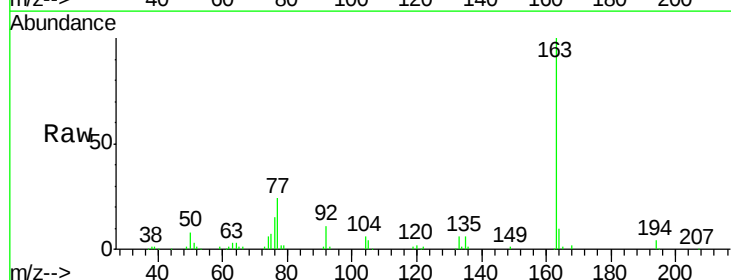
RT: 13.67 min Scan# 1816

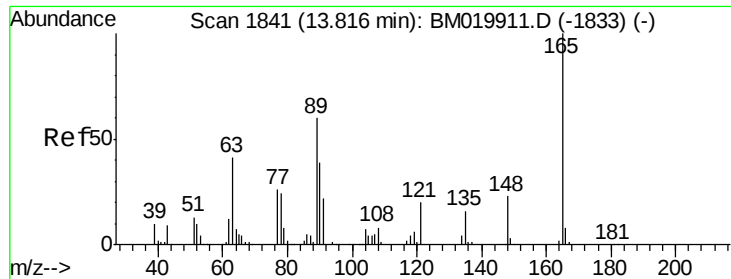
Delta R.T. -0.01 min

Lab File: BM019927.D

Acq: 16 Apr 2019 11:09

Tgt Ion:	163	Resp:	193125
Ion Ratio		Lower	Upper
163	100		
194	3.7	3.1	4.7
164	9.7	7.9	11.9





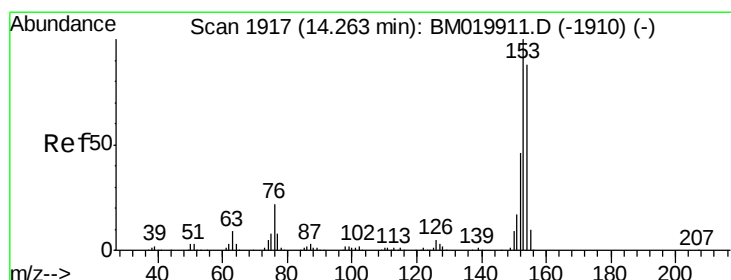
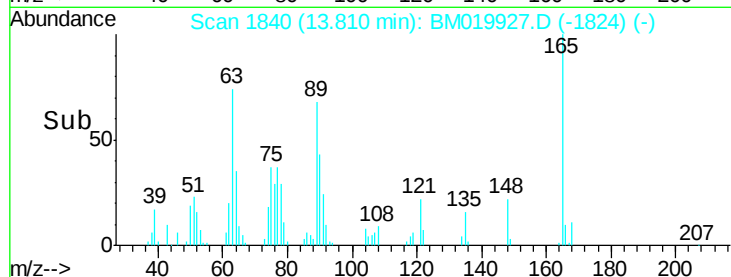
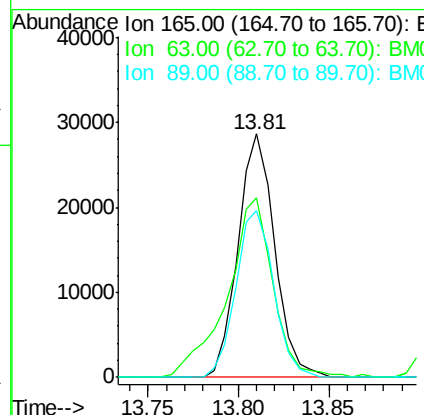
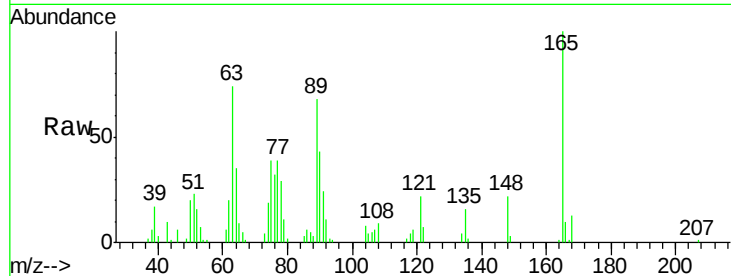
#51
2,6-Dinitrotoluene
Concen: 7.071 ng
RT: 13.81 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	40240		
63	73.7	48.5	72.7#	
89	68.5	48.2	72.4	

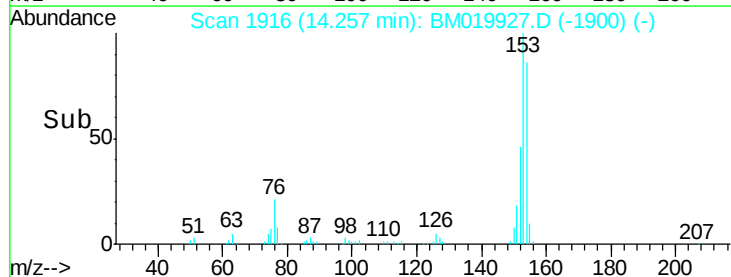
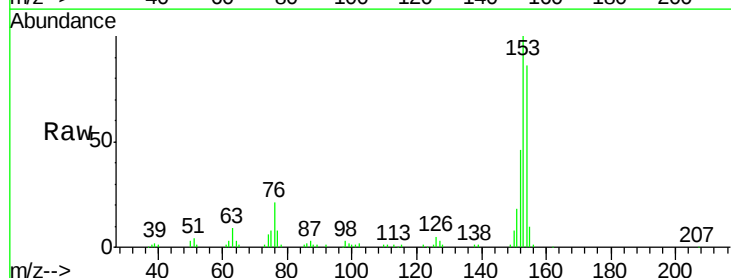
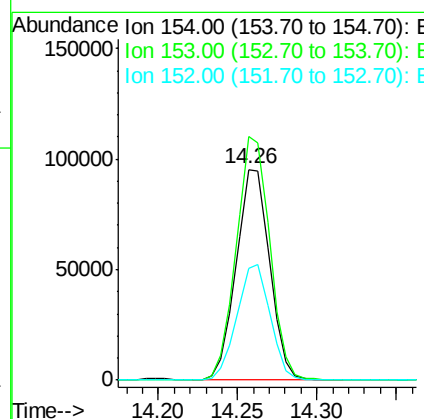
Manual Integrations
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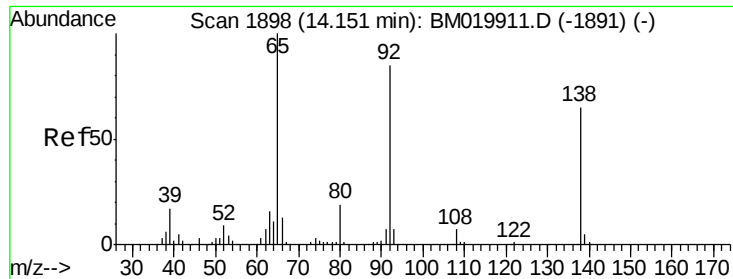
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#52
Acenaphthene
Concen: 7.509 ng
RT: 14.26 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	139647		
153	115.8	91.0	136.4	
152	53.4	42.2	63.2	





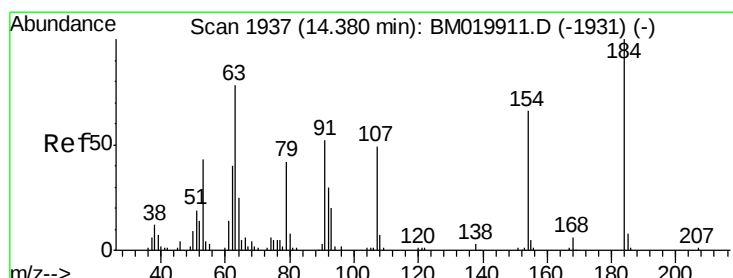
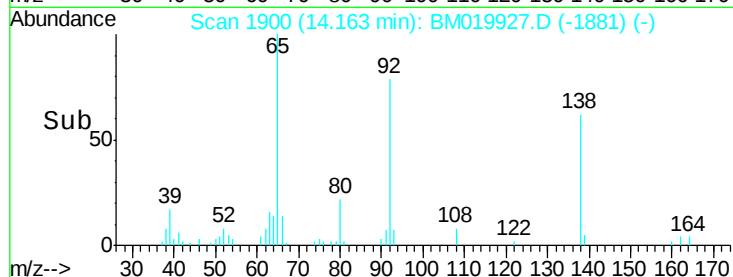
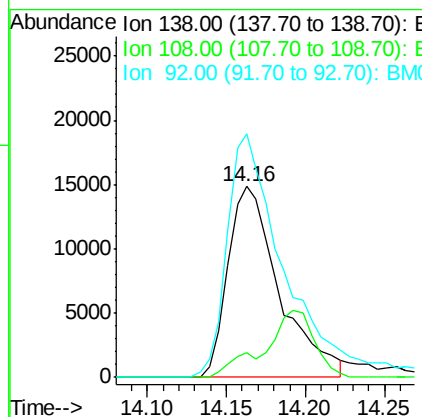
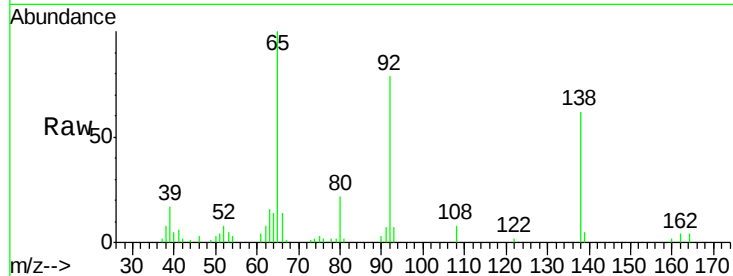
#53
 3-Nitroaniline
 Concen: 5.873 ng
 RT: 14.16 min Scan# 1900
 Delta R.T. 0.01 min
 Lab File: BM019927.D
 Acq: 16 Apr 2019 11:09

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tgt Ion:138 Resp: 33375
 Ion Ratio Lower Upper
 138 100
 108 13.2 8.9 13.3
 92 127.7 103.8 155.8

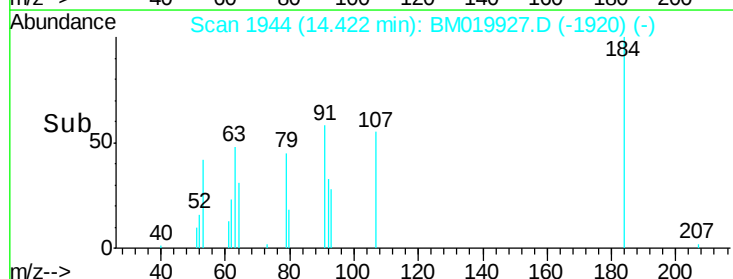
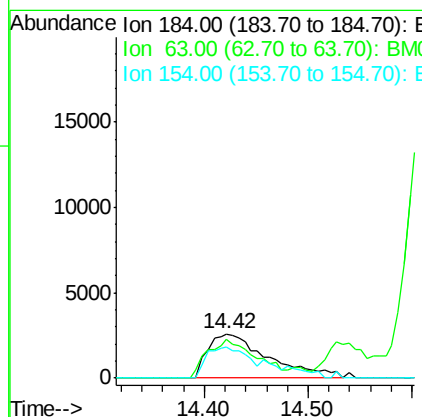
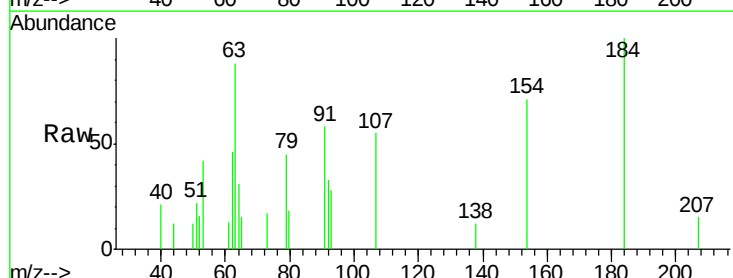
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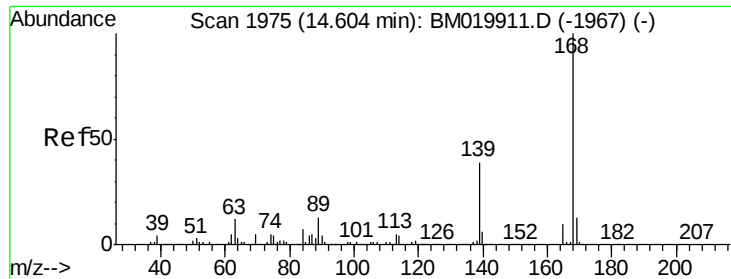
Sohil
 4/17/2019 4:05:10 PM



#54
 2,4-Dinitrophenol
 Concen: 10.235 ng m
 RT: 14.42 min Scan# 1944
 Delta R.T. 0.04 min
 Lab File: BM019927.D
 Acq: 16 Apr 2019 11:09

Tgt Ion:184 Resp: 10335
 Ion Ratio Lower Upper
 184 100
 63 88.0 62.3 93.5
 154 70.8 53.0 79.6





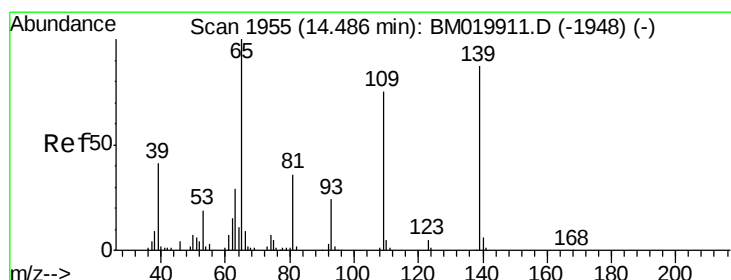
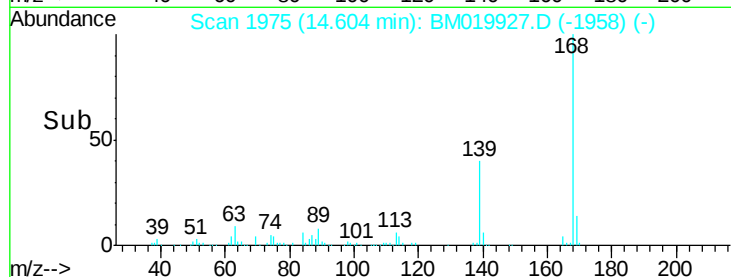
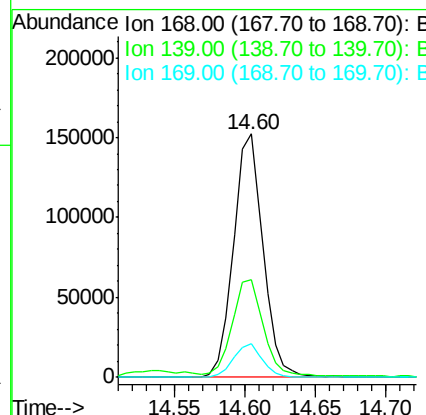
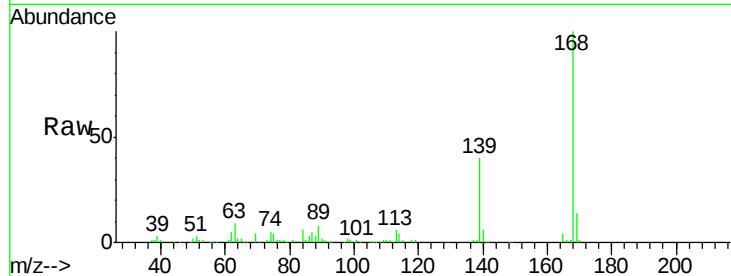
#55
Dibenzenofuran
Concen: 7.315 ng
RT: 14.60 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	222449		
139	40.2	31.5	47.3	
169	13.6	10.6	16.0	

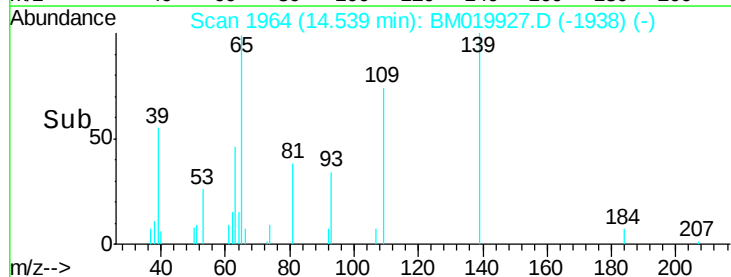
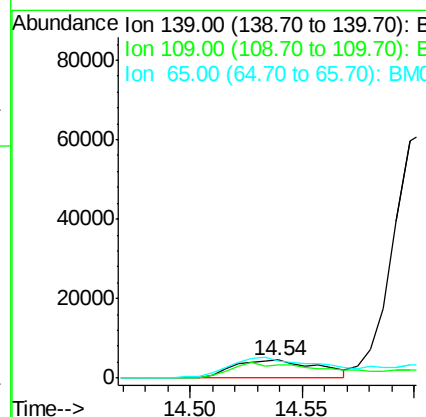
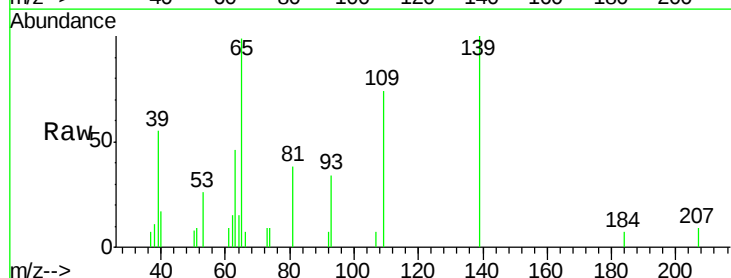
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#56
4-Nitrophenol
Concen: 8.372 ng m
RT: 14.54 min Scan# 1964
Delta R.T. 0.05 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	12157		
109	74.2	65.3	105.3	
65	98.6	94.9	134.9	





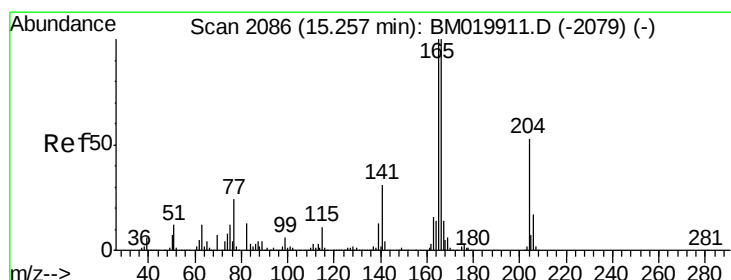
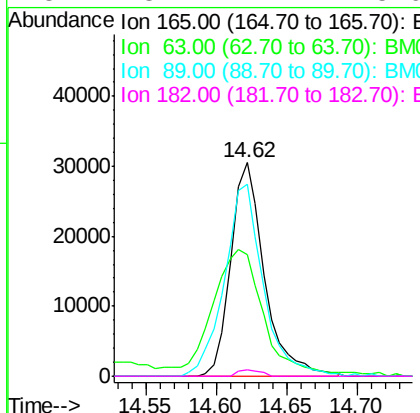
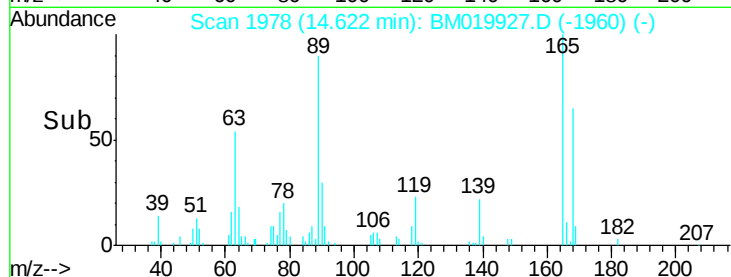
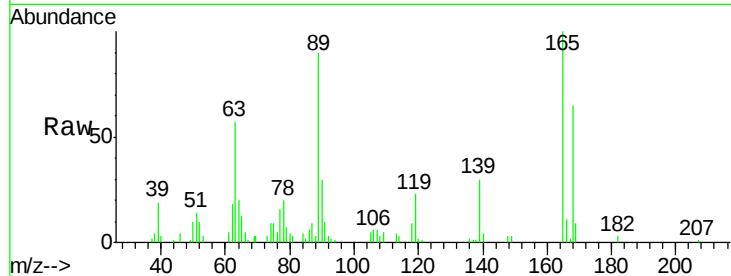
#57
 2,4-Dinitrotoluene
 Concen: 6.213 ng
 RT: 14.62 min Scan# 1978
 Delta R.T. 0.01 min
 Lab File: BM019927.D
 Acq: 16 Apr 2019 11:09

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tgt Ion:	165	Resp:	50827
Ion Ratio	Lower	Upper	
165	100		
63	57.1	46.0	69.0
89	89.6	67.5	101.3
182	3.1	2.4	3.6

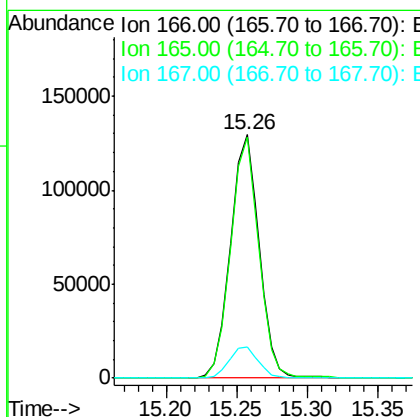
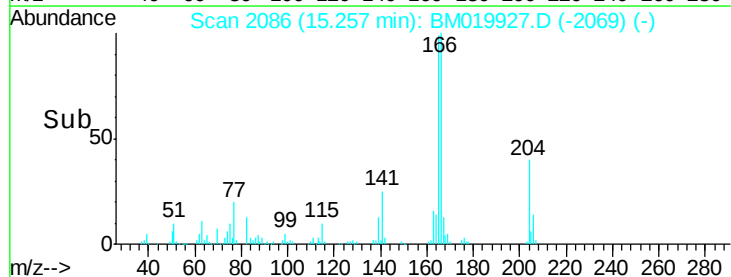
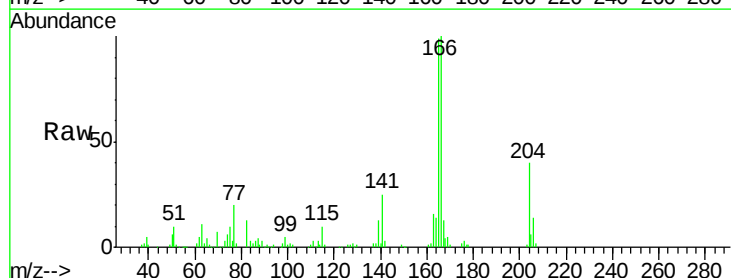
Manual Integrations
 APPROVED

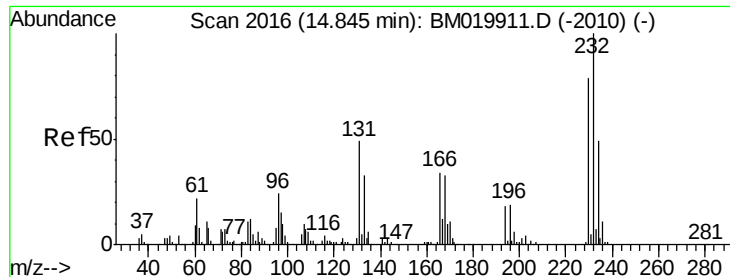
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#58
 Fluorene
 Concen: 7.121 ng
 RT: 15.26 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: BM019927.D
 Acq: 16 Apr 2019 11:09

Tgt Ion:	166	Resp:	183482
Ion Ratio	Lower	Upper	
166	100		
165	99.2	80.1	120.1
167	12.8	11.0	16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 7.439 ng m

RT: 14.85 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BM019927.D

Acq: 16 Apr 2019 11:09

Instrument :

BNA_M

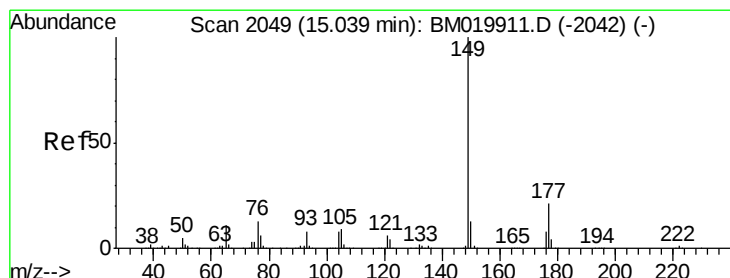
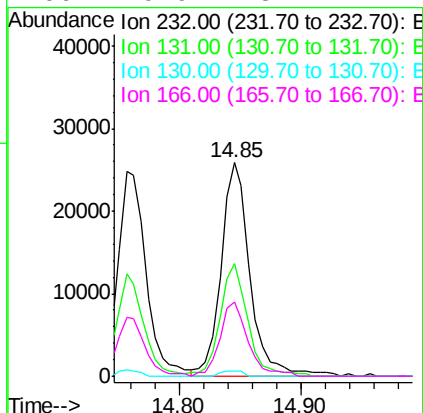
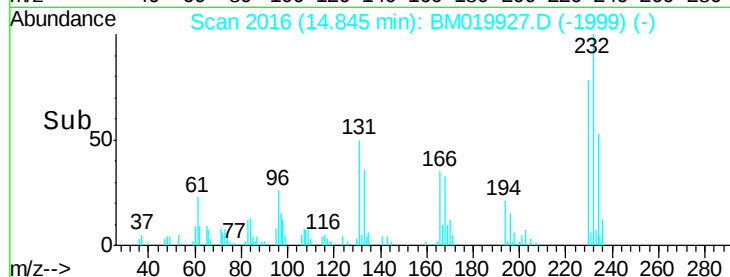
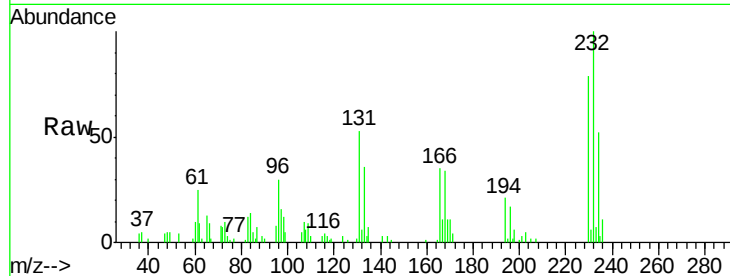
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	43113		
131	29.7	42.1	63.1#	
130	1.6	2.2	3.4#	
166	19.9	28.1	42.1#	

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#60

Diethylphthalate

Concen: 7.324 ng

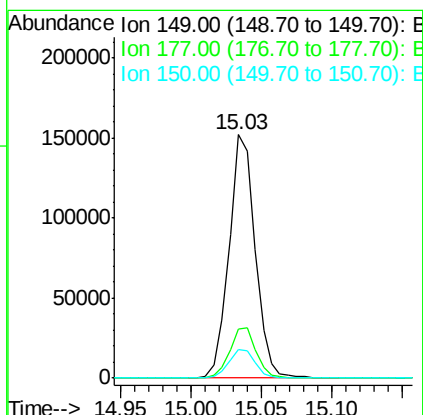
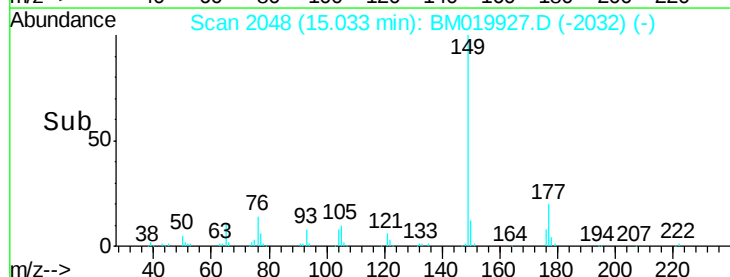
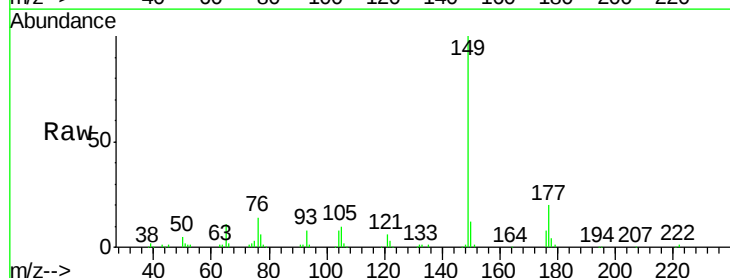
RT: 15.03 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BM019927.D

Acq: 16 Apr 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	196055		
177	20.2	16.6	25.0	
150	11.9	10.0	15.0	





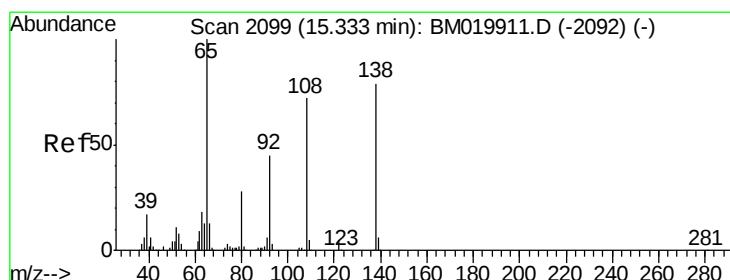
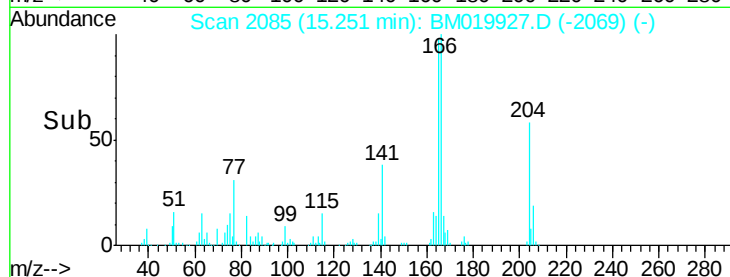
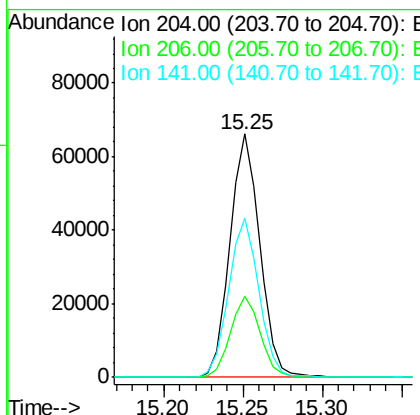
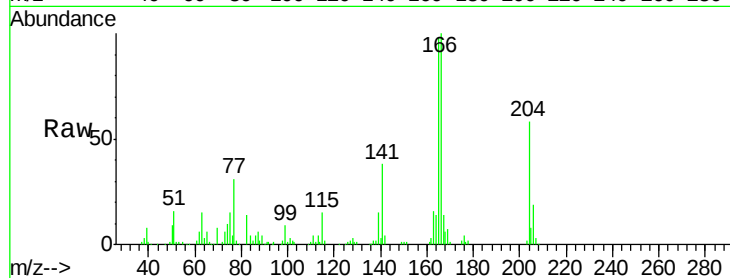
#61
 4-Chlorophenyl-phenylether
 Concen: 6.977 ng
 RT: 15.25 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BM019927.D
 Acq: 16 Apr 2019 11:09

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	86560		
206	33.2	25.8	38.8	
141	65.4	47.0	70.4	

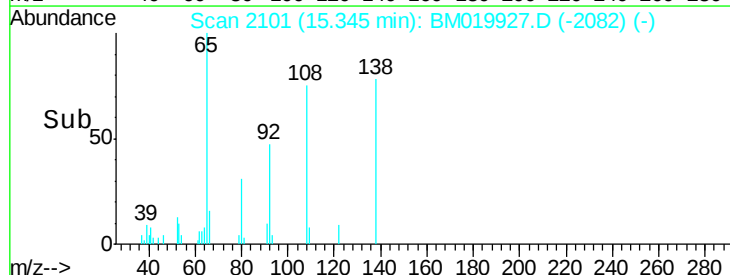
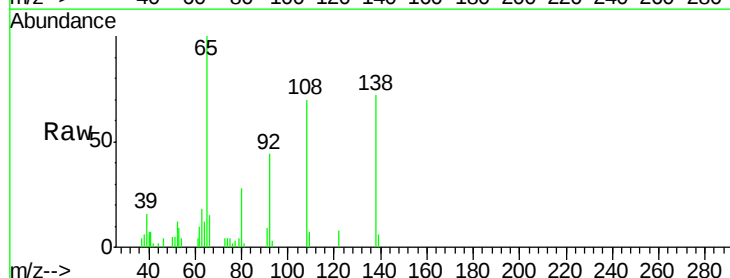
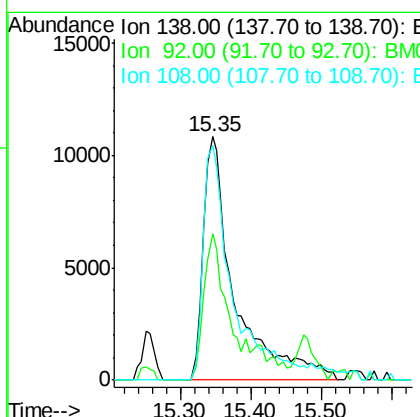
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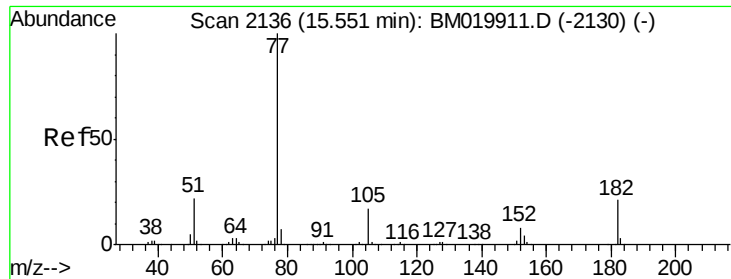
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#62
 4-Nitroaniline
 Concen: 5.946 ng m
 RT: 15.35 min Scan# 2101
 Delta R.T. 0.01 min
 Lab File: BM019927.D
 Acq: 16 Apr 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	33291		
92	60.2	36.8	76.8	
108	96.1	71.5	111.5	





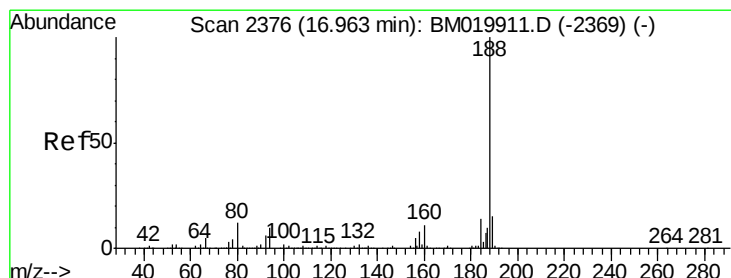
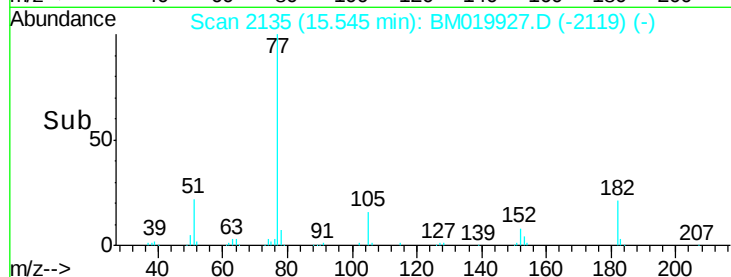
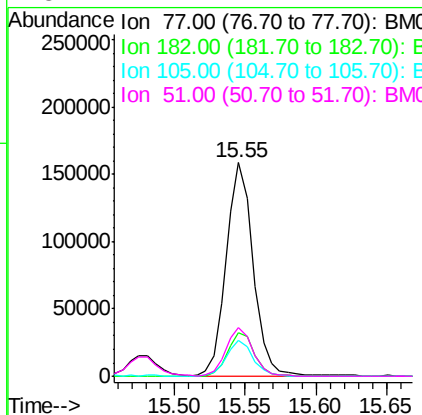
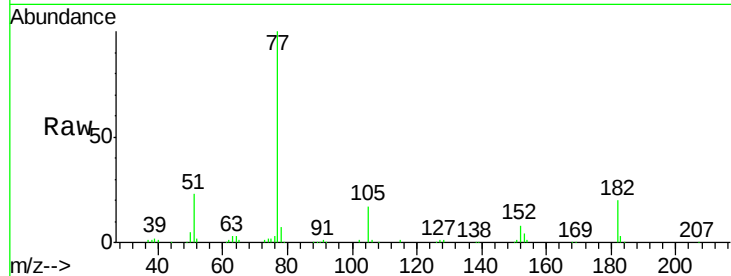
#63
Azobenzene
Concen: 7.290 ng
RT: 15.55 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.5	1.0	41.0
105	16.5	0.0	37.1
51	22.7	2.1	42.1

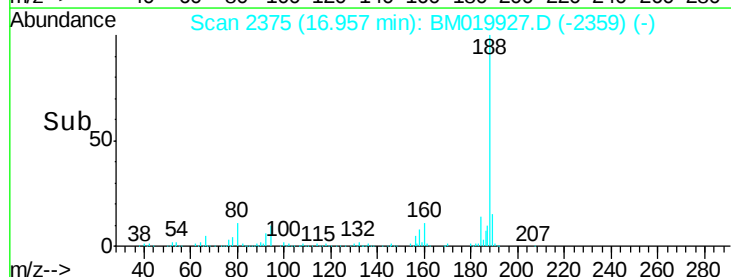
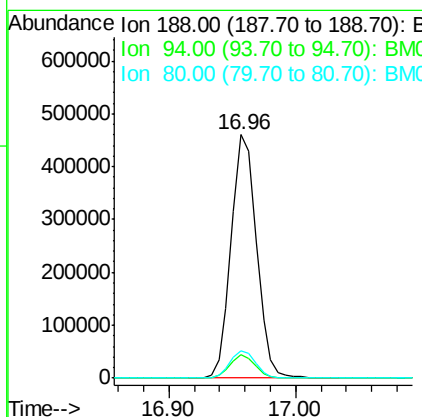
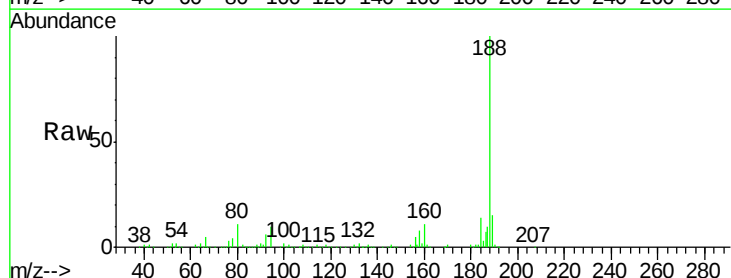
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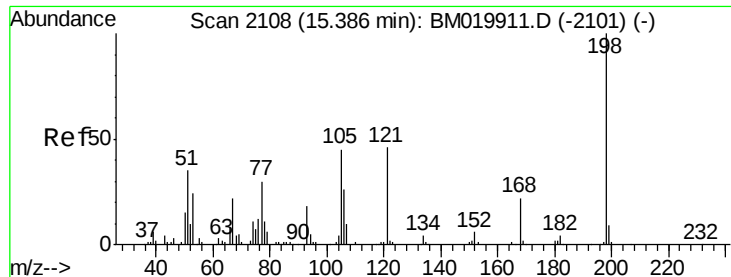
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.6	11.4
80	11.4	9.4	14.0





#65

4,6-Dinitro-2-methylphenol

Concen: 4.376 ng

RT: 15.40 min Scan# 2110

Delta R.T. 0.01 min

Lab File: BM019927.D

Acq: 16 Apr 2019 11:09

Instrument :

BNA_M

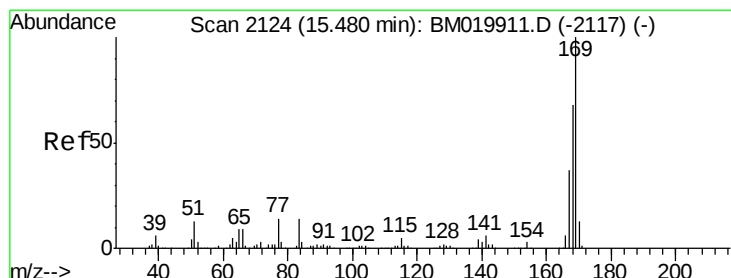
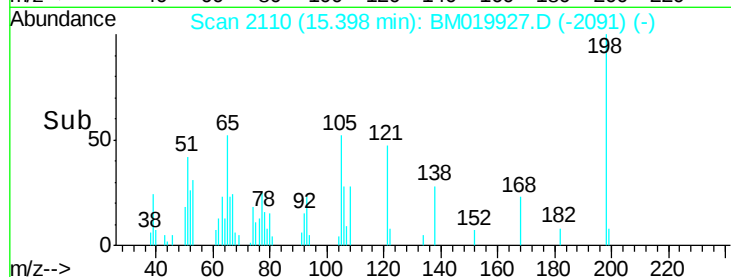
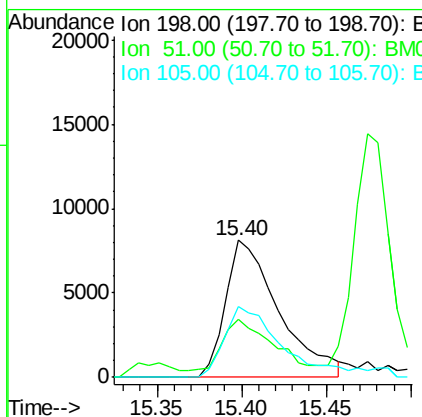
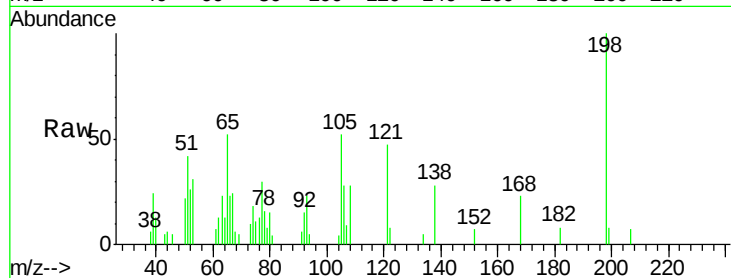
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

Tgt Ion:	198	Resp:	17839
Ion Ratio	Lower	Upper	
198	100		
51	42.0	17.9	57.9
105	51.7	26.1	66.1

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#66

n-Nitrosodiphenylamine

Concen: 7.347 ng

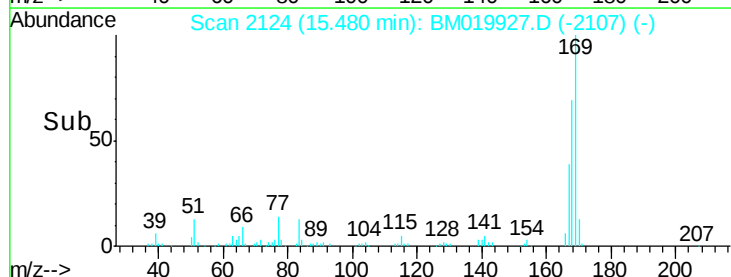
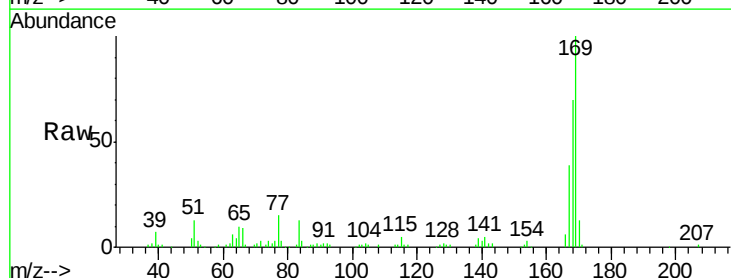
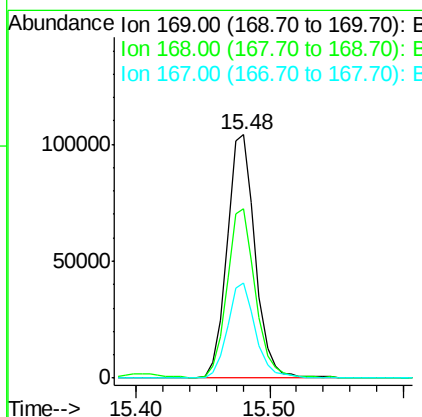
RT: 15.48 min Scan# 2124

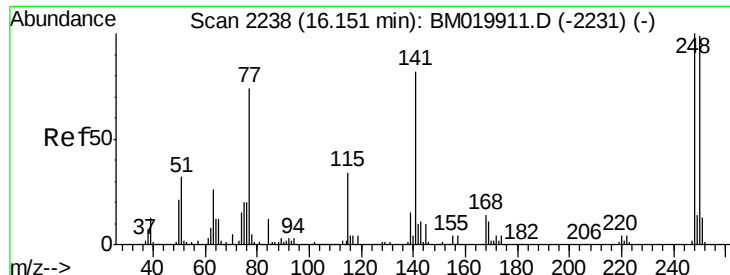
Delta R.T. 0.00 min

Lab File: BM019927.D

Acq: 16 Apr 2019 11:09

Tgt Ion:	169	Resp:	153447
Ion Ratio	Lower	Upper	
169	100		
168	69.7	54.7	82.1
167	39.0	29.4	44.0





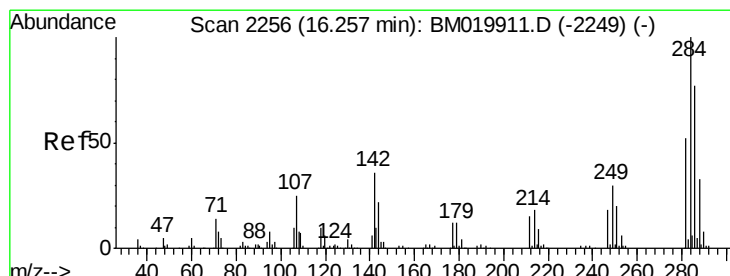
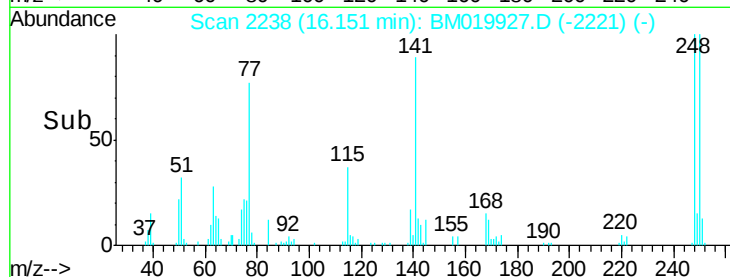
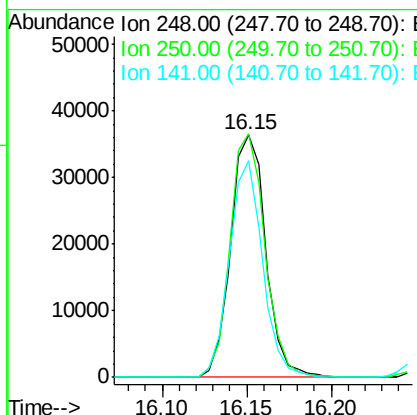
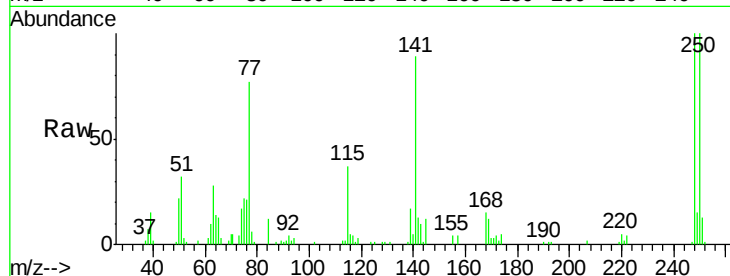
#67
 4-Bromophenyl-phenylether
 Concen: 7.144 ng
 RT: 16.15 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: BM019927.D
 Acq: 16 Apr 2019 11:09

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.2	78.9	118.3
141	89.3	65.6	98.4

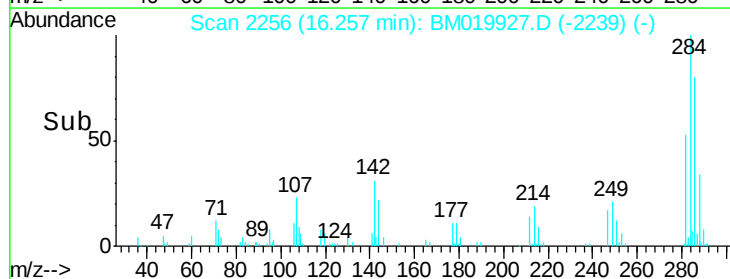
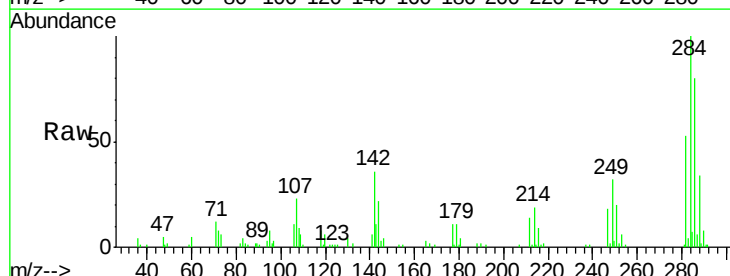
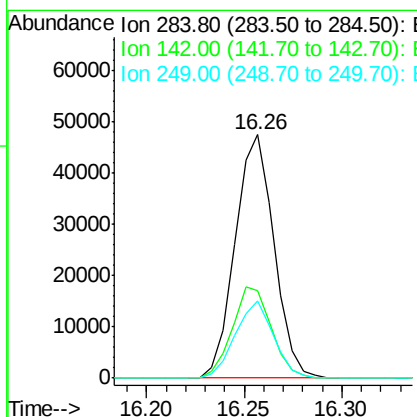
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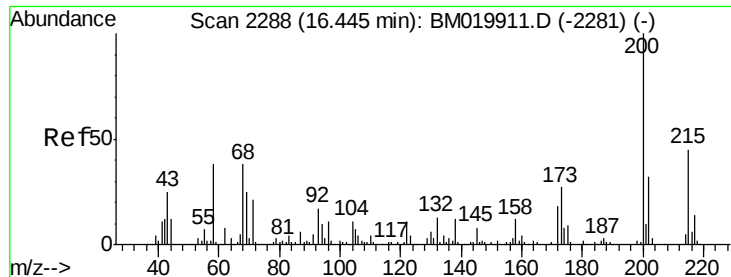
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#68
 Hexachlorobenzene
 Concen: 7.403 ng
 RT: 16.26 min Scan# 2256
 Delta R.T. 0.00 min
 Lab File: BM019927.D
 Acq: 16 Apr 2019 11:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.8	28.9	43.3
249	34.6	23.8	35.6





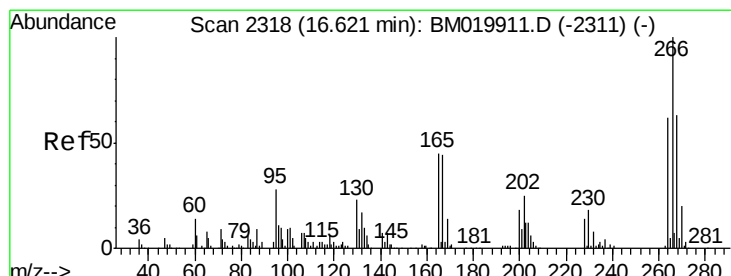
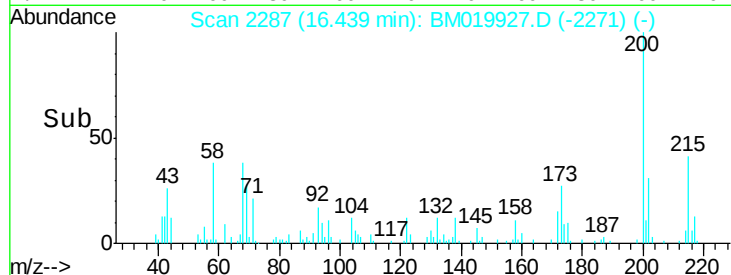
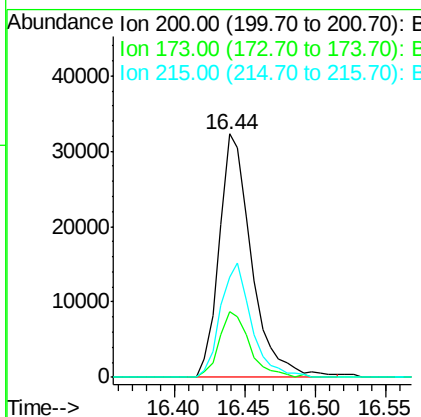
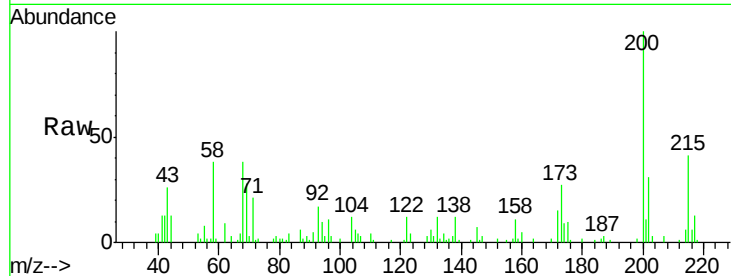
#69
 Atrazine
 Concen: 7.279 ng
 RT: 16.44 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BM019927.D
 Acq: 16 Apr 2019 11:09

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.2	47.2
215	41.2	25.4	65.4

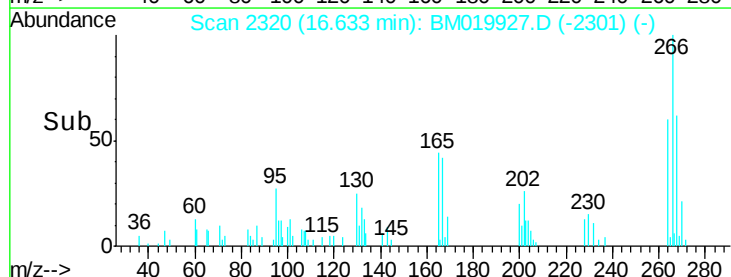
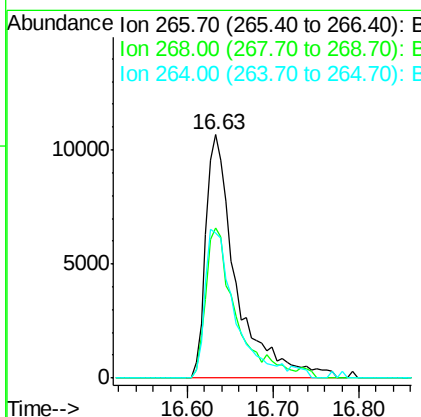
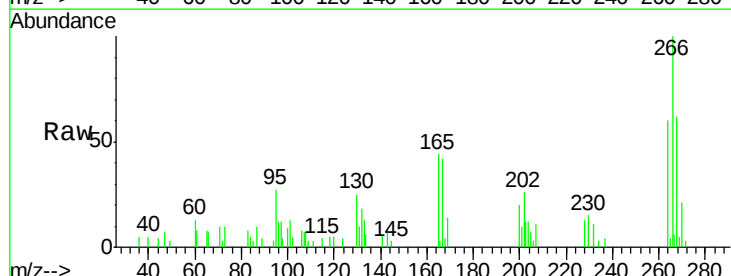
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#70
 Pentachlorophenol
 Concen: 5.878 ng m
 RT: 16.63 min Scan# 2320
 Delta R.T. 0.01 min
 Lab File: BM019927.D
 Acq: 16 Apr 2019 11:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	50.3	75.5
264	59.7	49.8	74.8





#71

Phenanthrene

Concen: 7.389 ng

RT: 17.00 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM019927.D

Acq: 16 Apr 2019 11:09

Instrument :

BNA_M

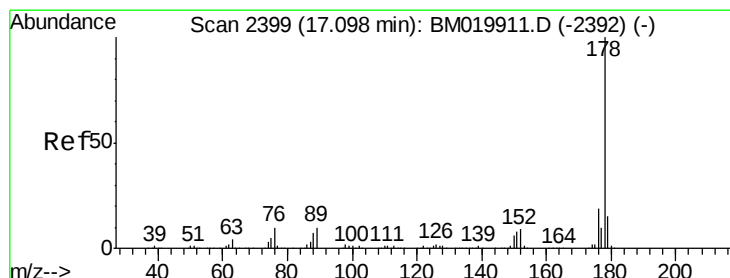
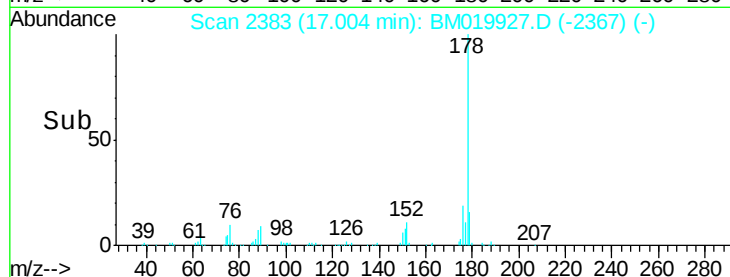
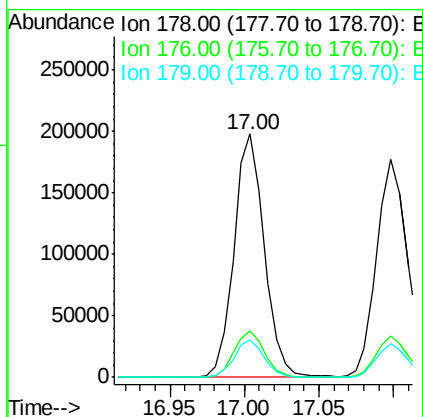
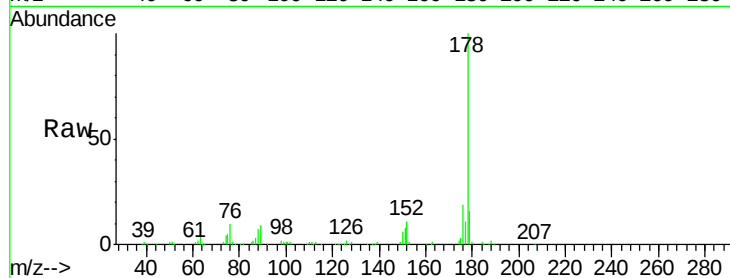
ClientSampleID :

MDL-MDL-SOIL-03-QT1-2019

Tgt Ion:	178	Resp:	280134
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.2	22.8
179	15.6	12.2	18.4

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#72

Anthracene

Concen: 6.992 ng

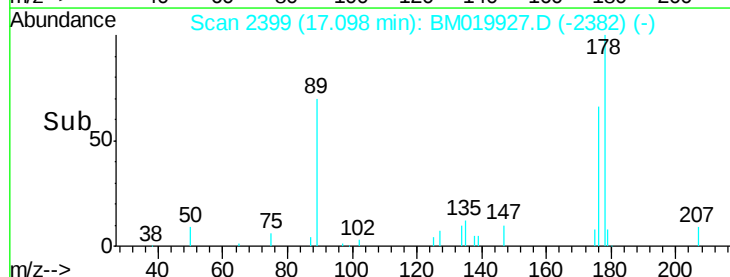
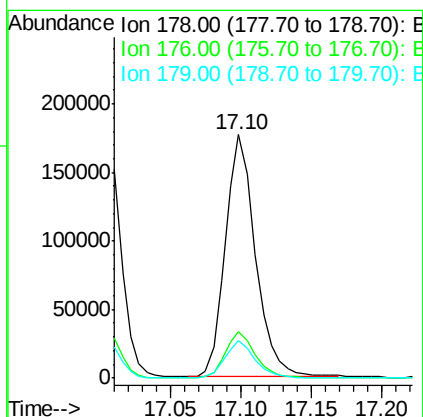
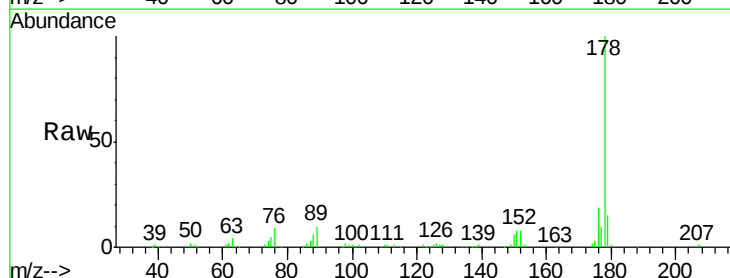
RT: 17.10 min Scan# 2399

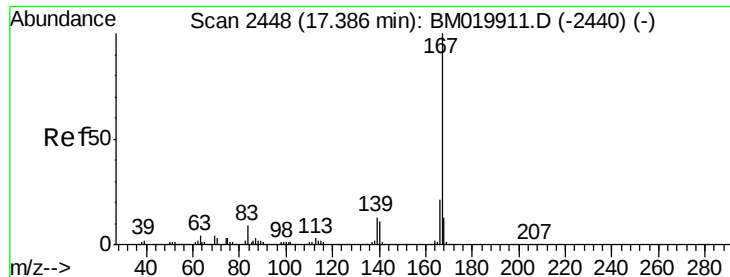
Delta R.T. 0.00 min

Lab File: BM019927.D

Acq: 16 Apr 2019 11:09

Tgt Ion:	178	Resp:	263854
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.0	22.4
179	15.3	12.2	18.4





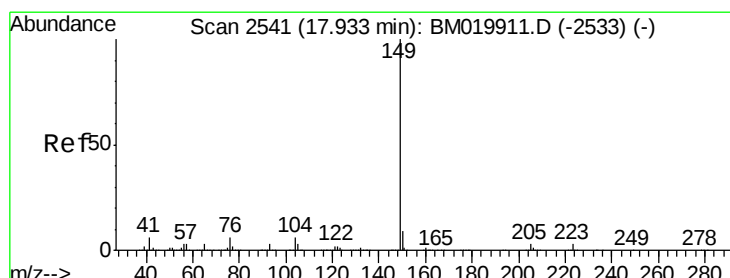
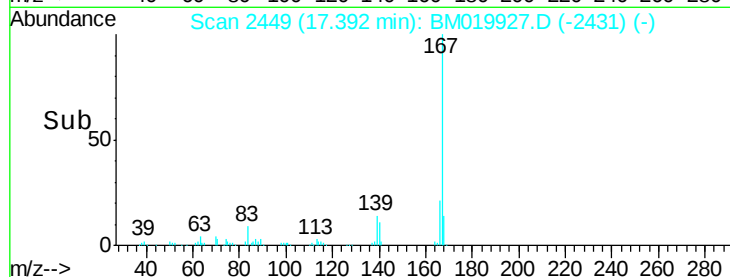
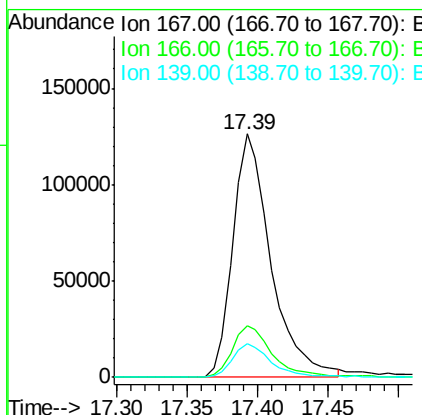
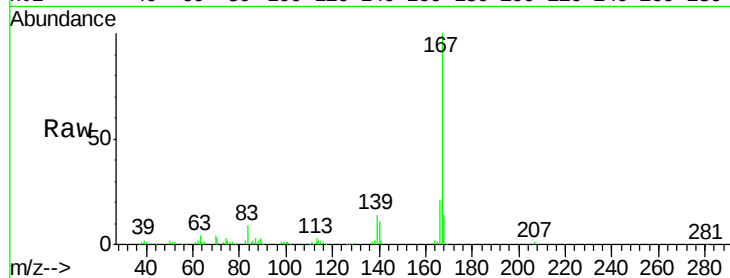
#73
 Carbazole
 Concen: 6.766 ng
 RT: 17.39 min Scan# 2449
 Delta R.T. 0.01 min
 Lab File: BM019927.D
 Acq: 16 Apr 2019 11:09

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	238398		
166	21.4	17.2	25.8	
139	13.7	10.7	16.1	

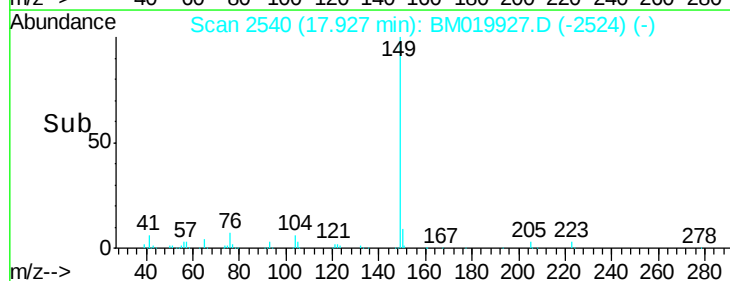
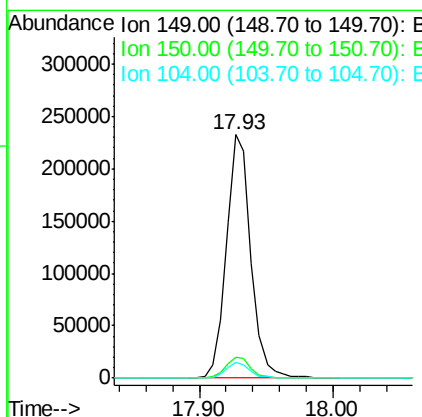
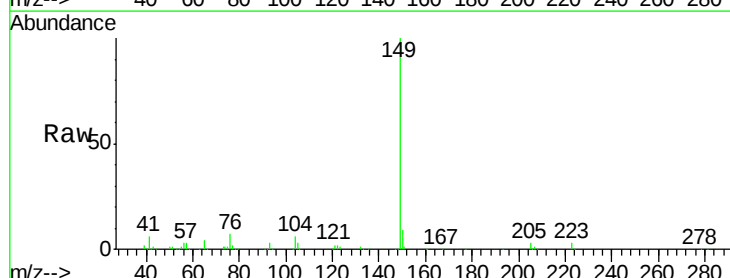
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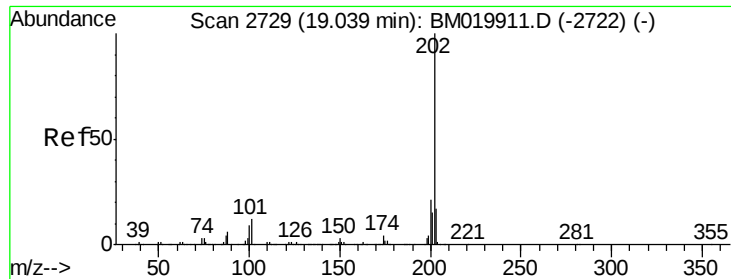
Sohil
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#74
 Di-n-butylphthalate
 Concen: 6.475 ng
 RT: 17.93 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BM019927.D
 Acq: 16 Apr 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	299621		
150	8.8	7.2	10.8	
104	6.4	4.6	7.0	





#75

Fluoranthene

Concen: 6.886 ng

RT: 19.04 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BM019927.D

Acq: 16 Apr 2019 11:09

Instrument :

BNA_M

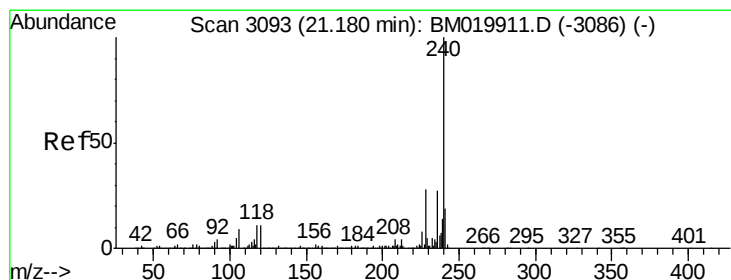
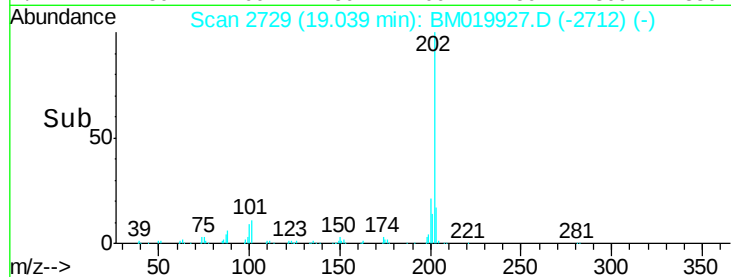
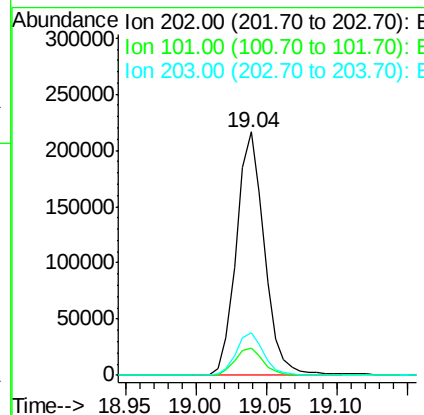
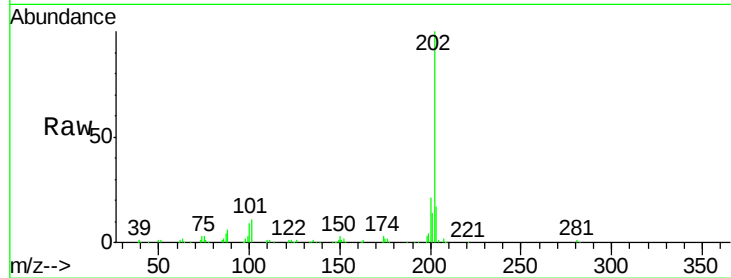
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

Tgt Ion:	202	Resp:	300418
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	31.7
203	17.4	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

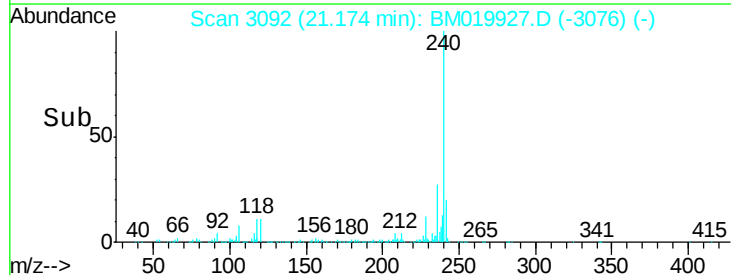
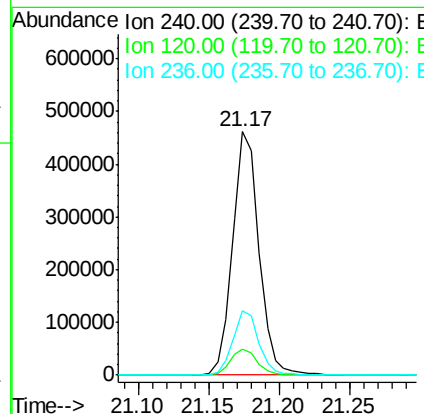
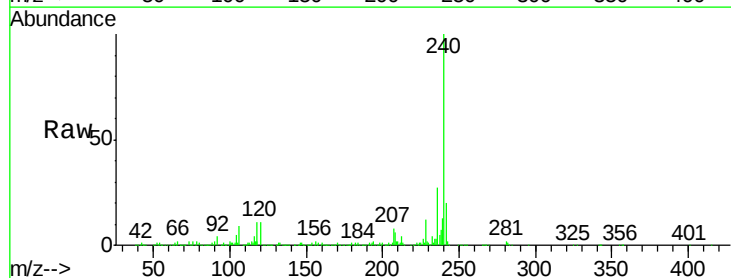
RT: 21.17 min Scan# 3092

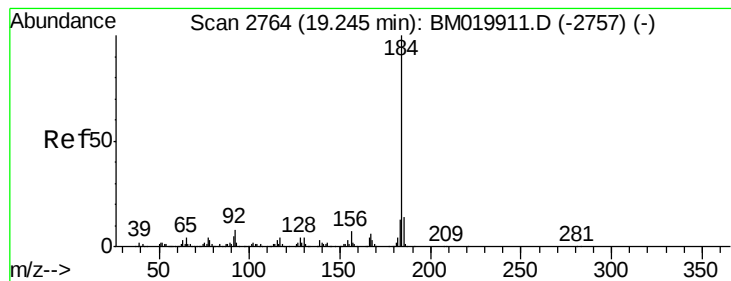
Delta R.T. -0.01 min

Lab File: BM019927.D

Acq: 16 Apr 2019 11:09

Tgt Ion:	240	Resp:	602559
Ion Ratio	Lower	Upper	
240	100		
120	10.6	8.6	13.0
236	26.6	21.4	32.2





#77

Benzidine

Concen: 6.363 ng

RT: 19.25 min Scan# 2765

Delta R.T. 0.01 min

Lab File: BM019927.D

Acq: 16 Apr 2019 11:09

Instrument :

BNA_M

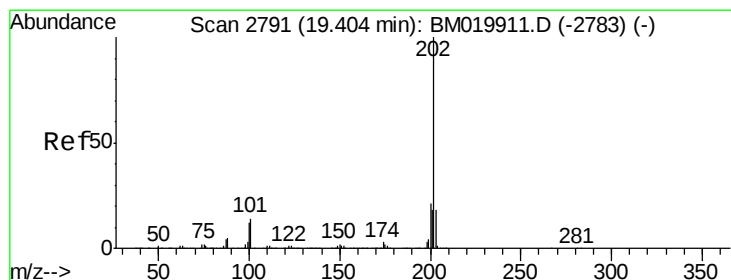
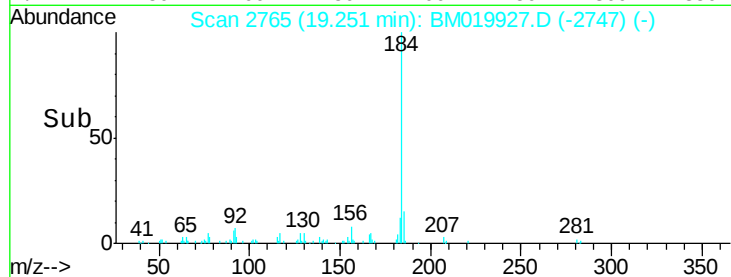
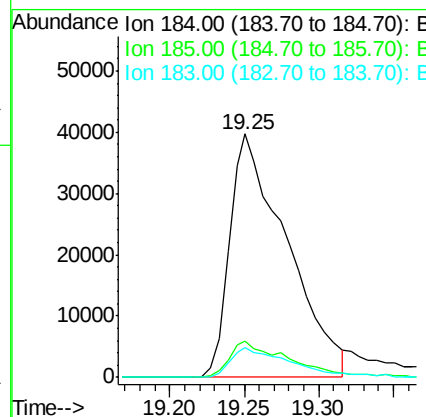
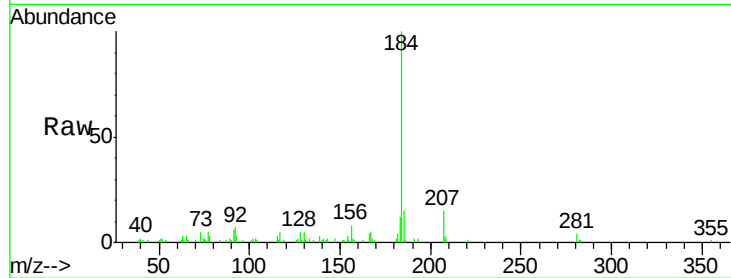
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

Tgt Ion:	184	Resp:	105780
Ion Ratio	Lower	Upper	
184	100		
185	15.0	11.0	16.6
183	12.4	10.1	15.1

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#78

Pyrene

Concen: 7.880 ng

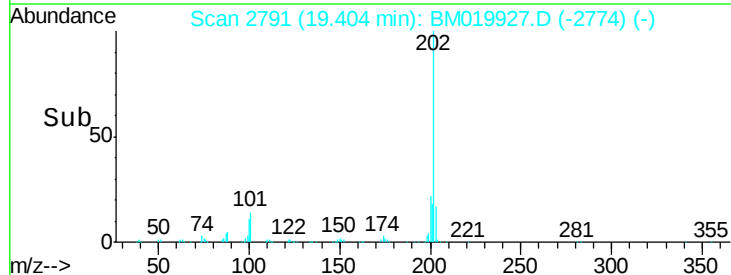
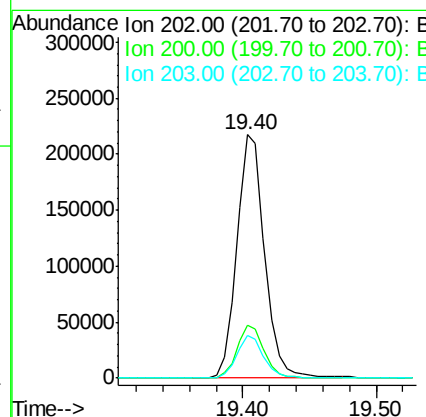
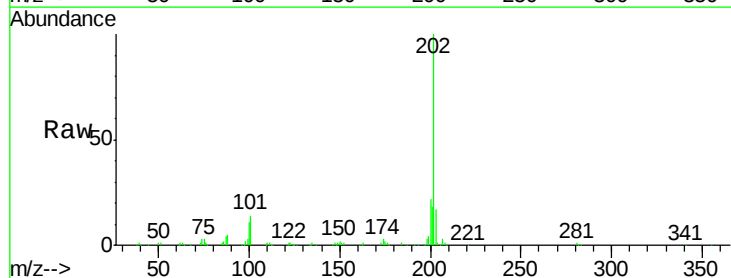
RT: 19.40 min Scan# 2791

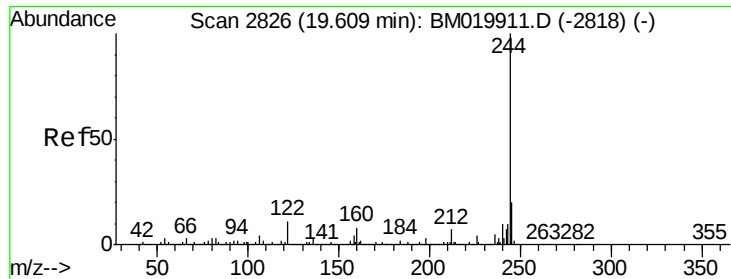
Delta R.T. 0.00 min

Lab File: BM019927.D

Acq: 16 Apr 2019 11:09

Tgt Ion:	202	Resp:	314435
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.0	25.4
203	17.4	14.0	21.0





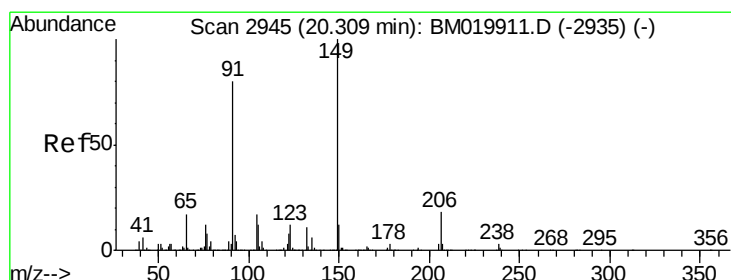
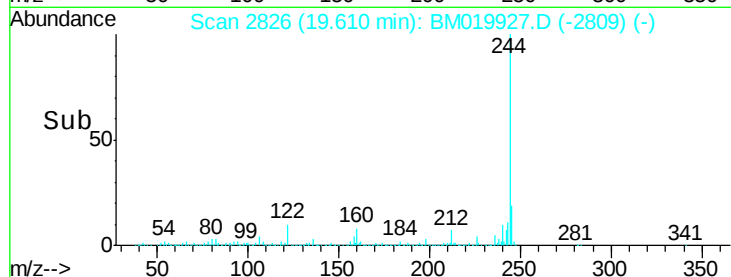
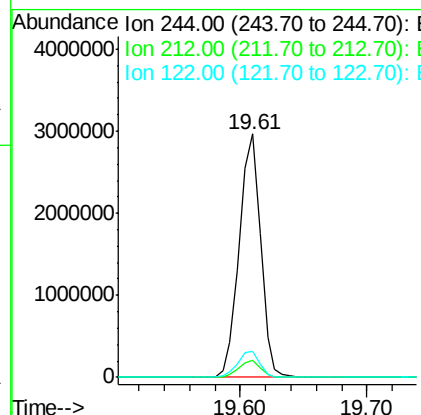
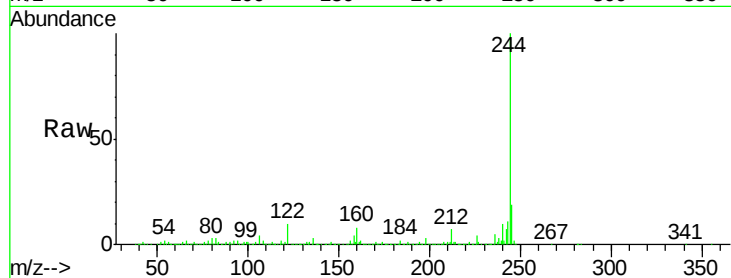
#79
 Terphenyl-d14
 Concen: 100.794 ng
 RT: 19.61 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: BM019927.D
 Acq: 16 Apr 2019 11:09

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.4	9.1	13.7

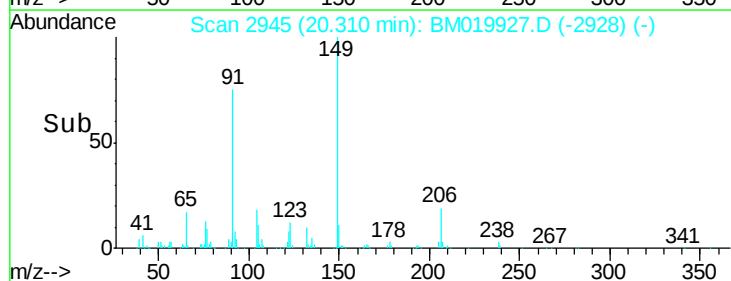
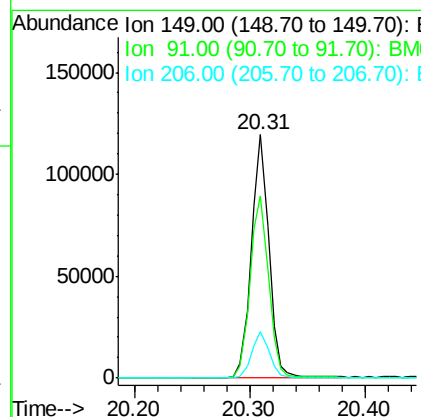
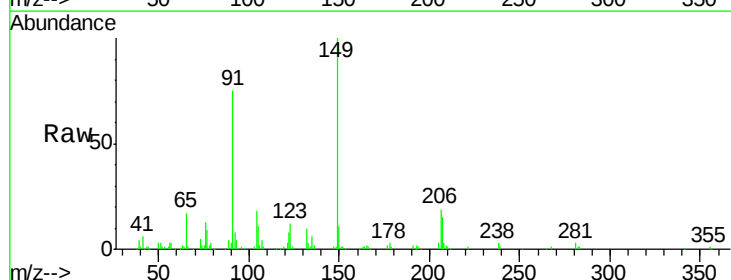
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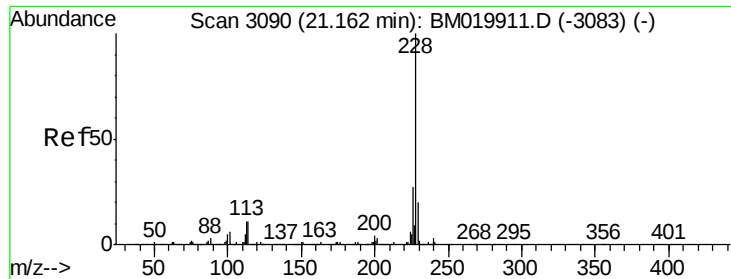
Sohil
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#80
 Butylbenzylphthalate
 Concen: 6.620 ng
 RT: 20.31 min Scan# 2945
 Delta R.T. 0.00 min
 Lab File: BM019927.D
 Acq: 16 Apr 2019 11:09

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.0	63.7	95.5
206	19.1	14.6	21.8





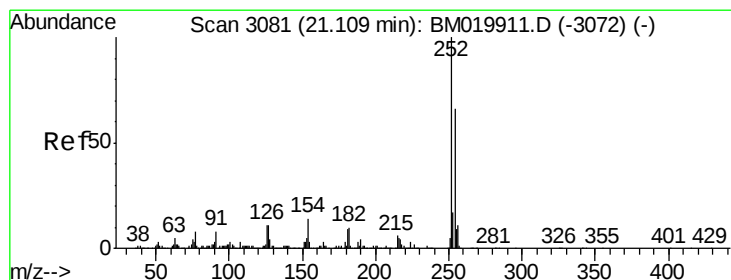
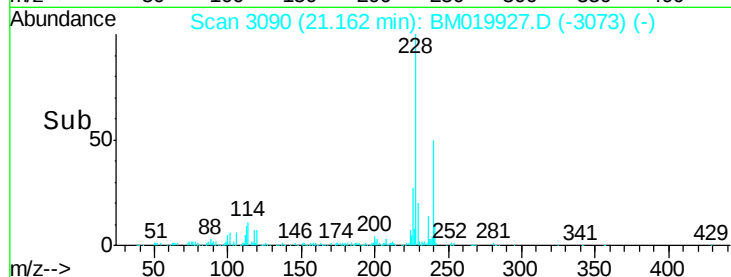
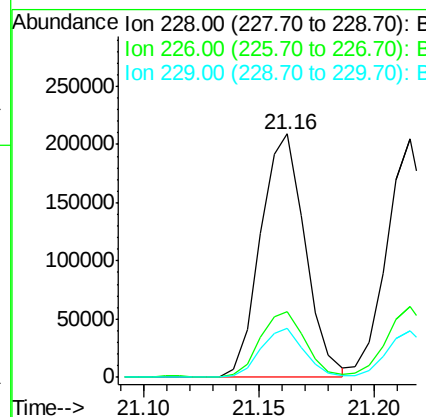
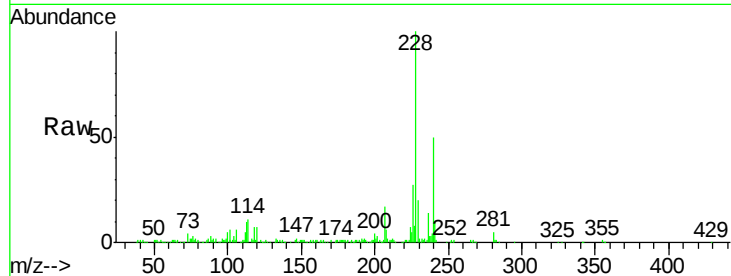
#81
Benzo(a)anthracene
Concen: 7.342 ng
RT: 21.16 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.6
229	20.2	15.9	23.9

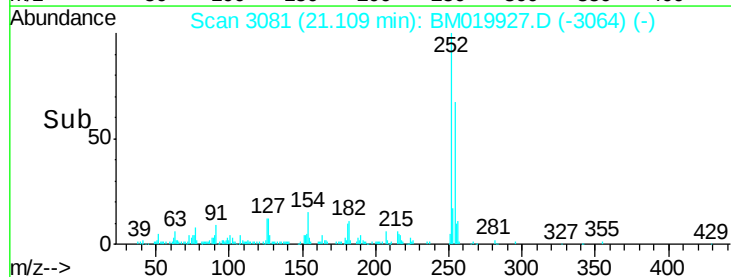
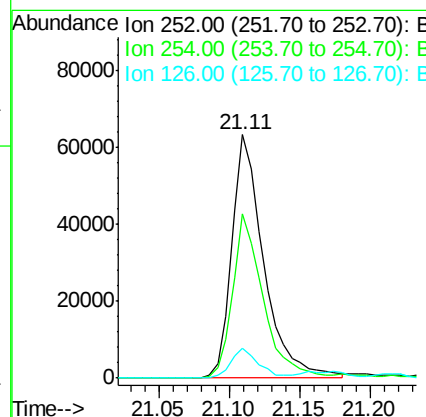
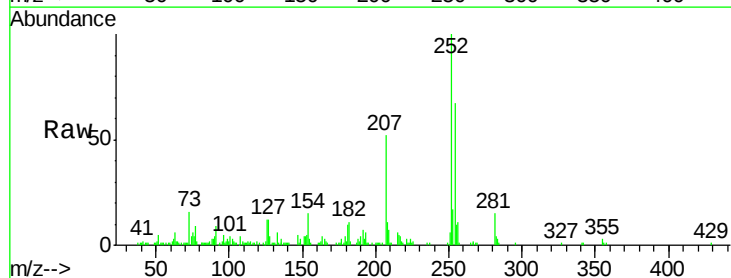
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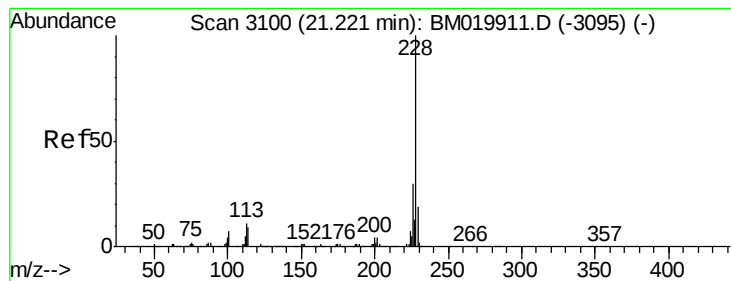
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 7.036 ng
RT: 21.11 min Scan# 3081
Delta R.T. 0.00 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.3	52.6	78.8
126	12.3	8.6	12.8





#83

Chrysene

Concen: 7.546 ng

RT: 21.22 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM019927.D

Acq: 16 Apr 2019 11:09

Instrument :

BNA_M

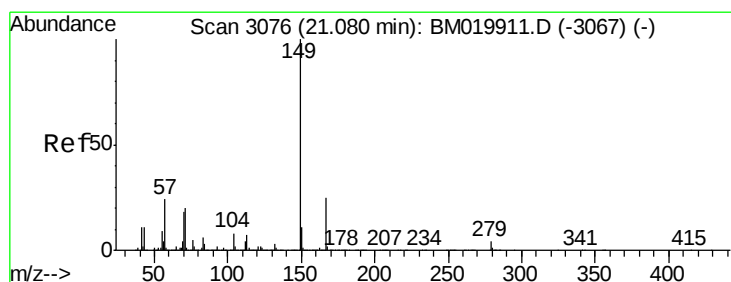
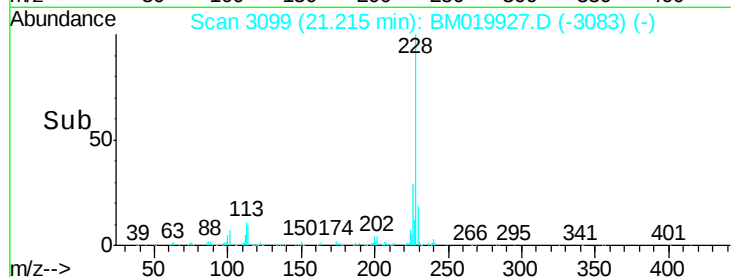
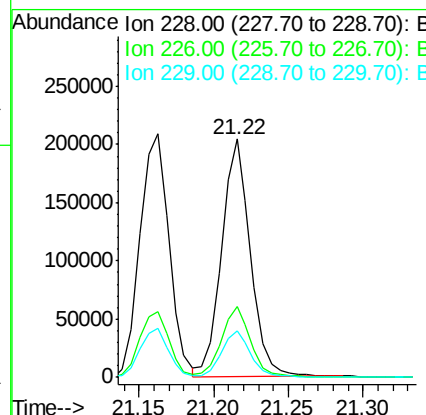
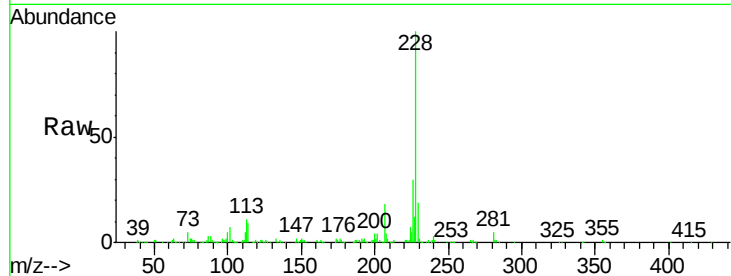
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

Tgt Ion:	228	Resp:	276211
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.7	35.5
229	19.5	15.6	23.4

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#84

Bis(2-ethylhexyl)phthalate

Concen: 6.271 ng

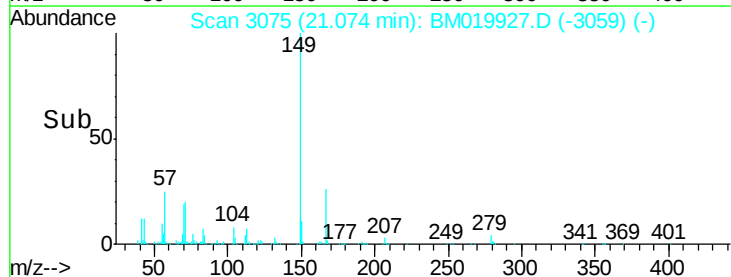
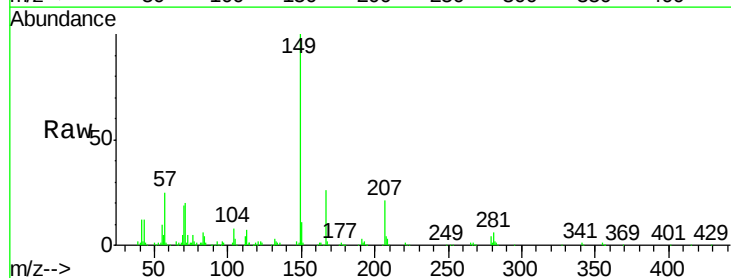
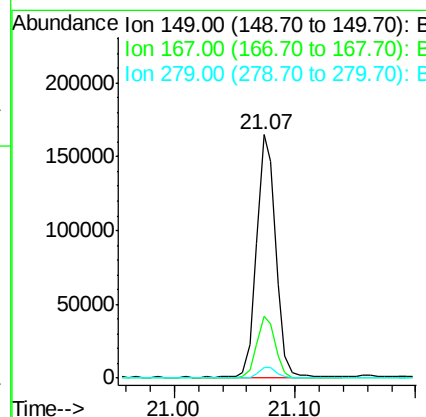
RT: 21.07 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BM019927.D

Acq: 16 Apr 2019 11:09

Tgt Ion:	149	Resp:	180601
Ion Ratio	Lower	Upper	
149	100		
167	25.5	20.3	30.5
279	4.4	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 6.396 ng

RT: 21.94 min Scan# 3223

Delta R.T. 0.00 min

Lab File: BM019927.D

Acq: 16 Apr 2019 11:09

Instrument :

BNA_M

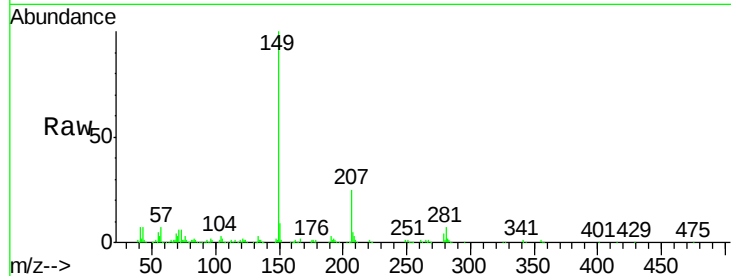
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

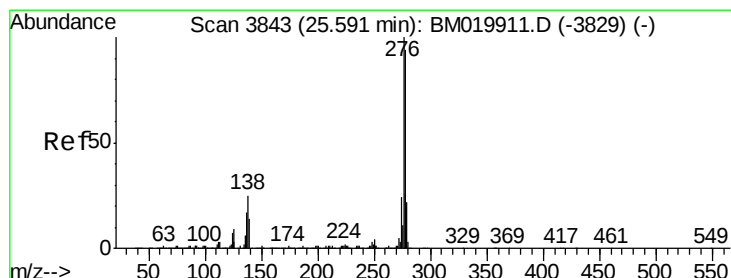
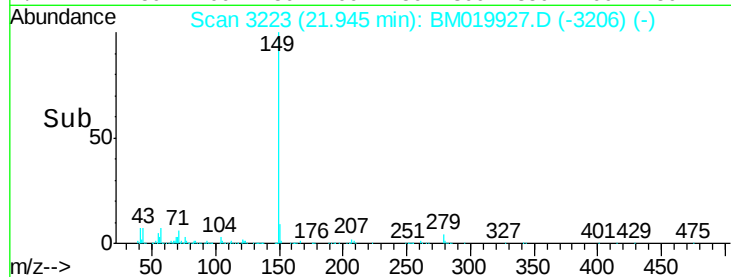
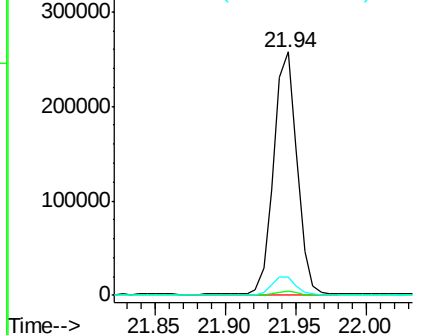
Tgt Ion:	149	Resp:	298893
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	8.0	6.0	9.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 8.274 ng

RT: 25.58 min Scan# 3841

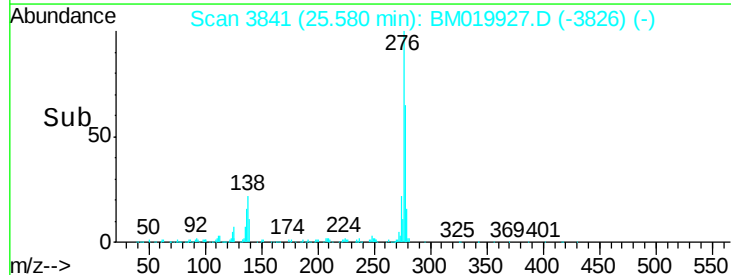
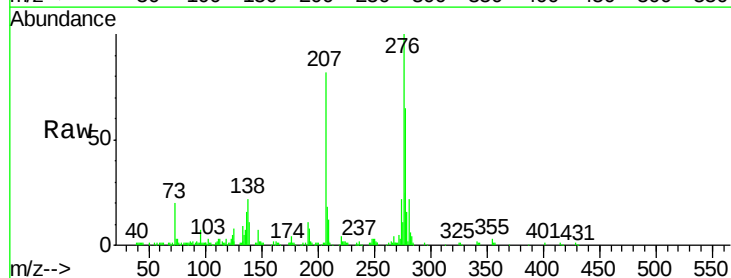
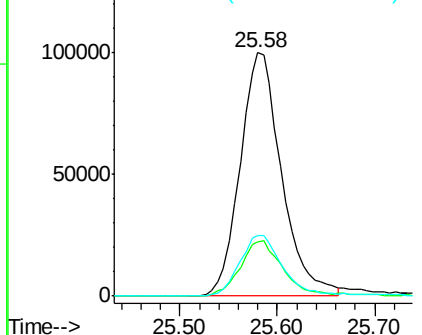
Delta R.T. -0.01 min

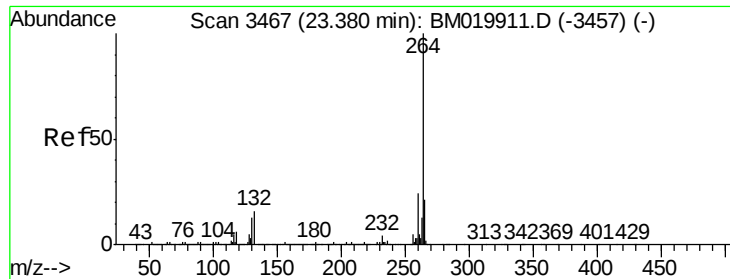
Lab File: BM019927.D

Acq: 16 Apr 2019 11:09

Tgt Ion:	276	Resp:	297942
Ion Ratio	Lower	Upper	
276	100		
138	22.9	19.0	28.6
277	25.5	20.3	30.5

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





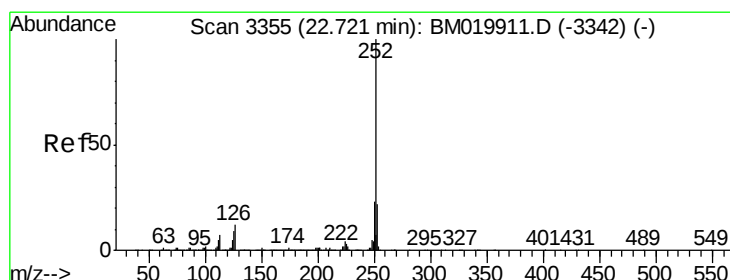
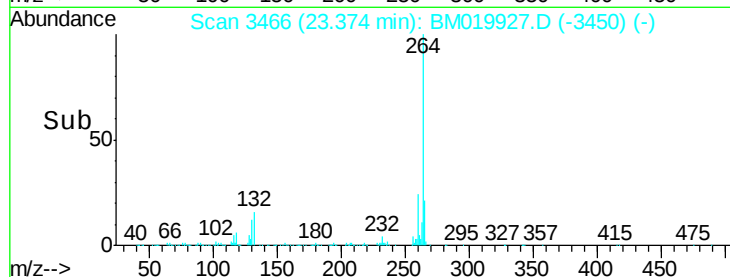
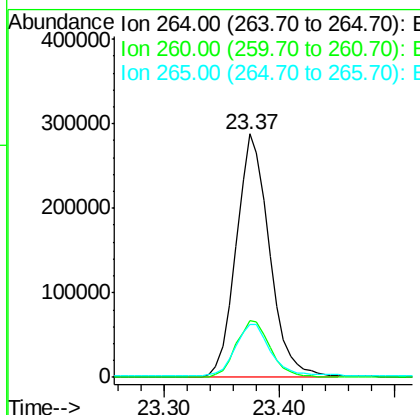
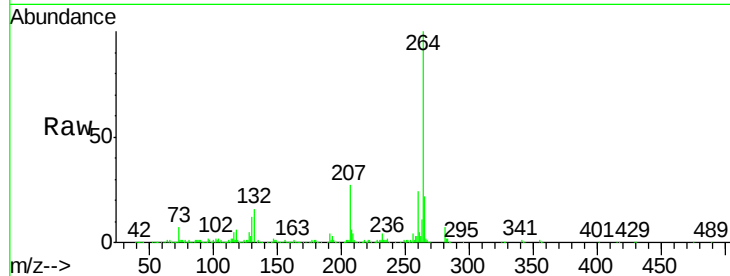
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3466
Delta R.T. -0.01 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.6	19.2	28.8	
265	21.9	17.2	25.8	

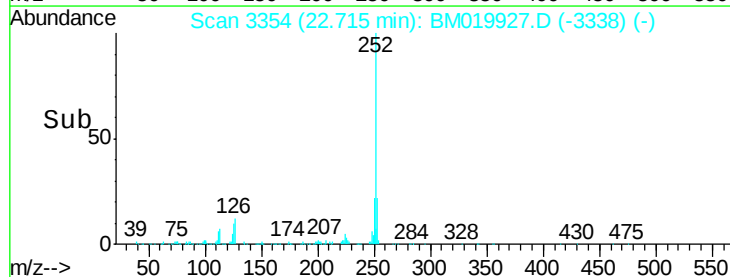
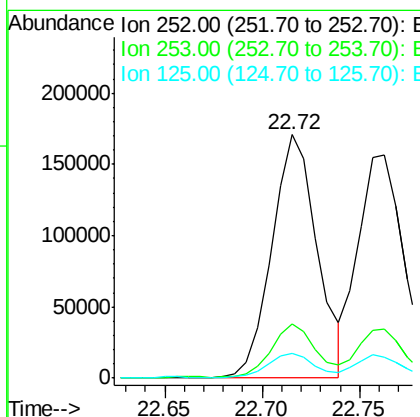
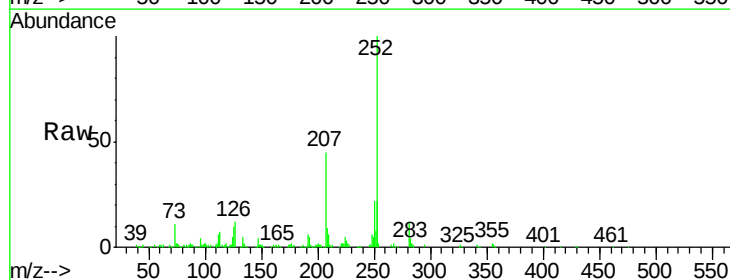
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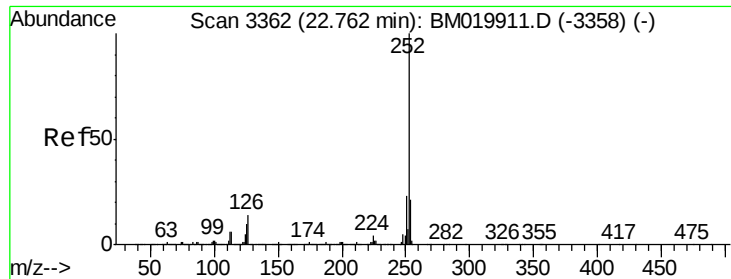
Sohil
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#88
Benzo(b)fluoranthene
Concen: 7.199 ng
RT: 22.72 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.2	17.5	26.3	
125	10.3	7.6	11.4	





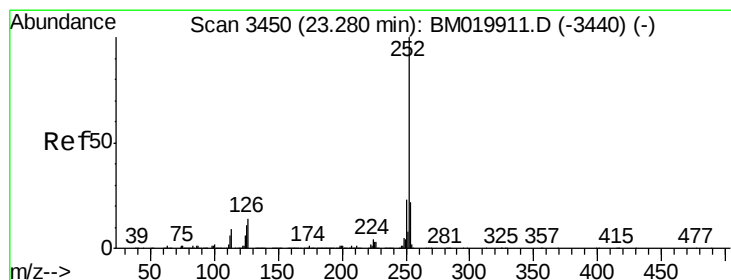
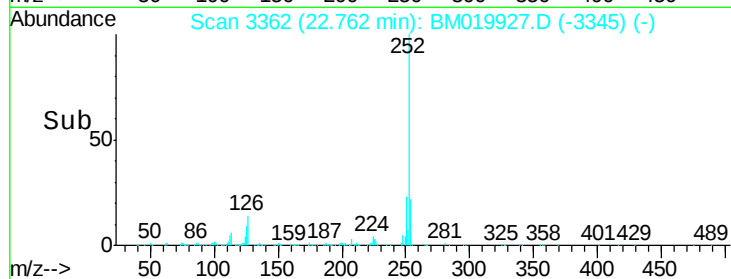
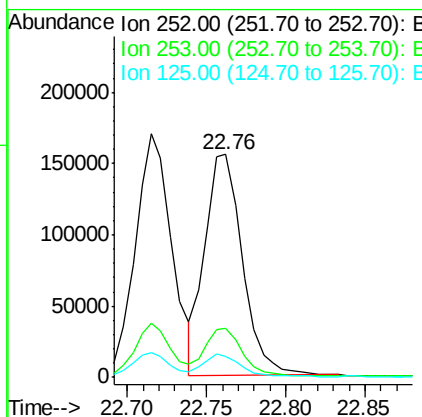
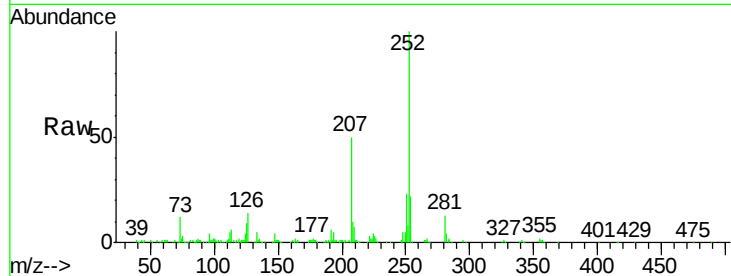
#89
Benzo(k)fluoranthene
Concen: 7.124 ng
RT: 22.76 min Scan# 3362
Delta R.T. 0.00 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	256732		
253	22.0	17.3	25.9	
125	9.2	8.2	12.4	

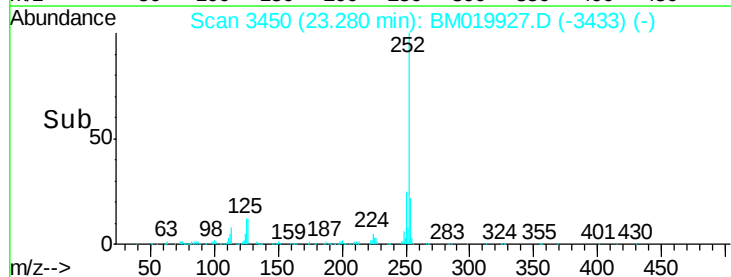
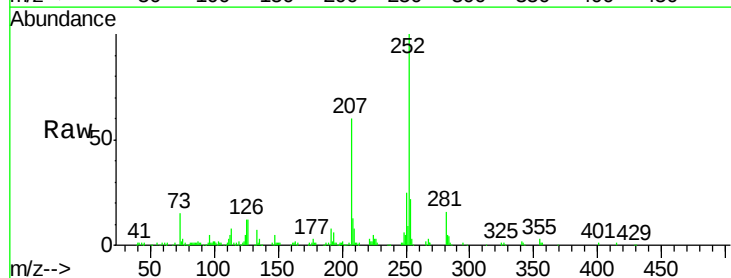
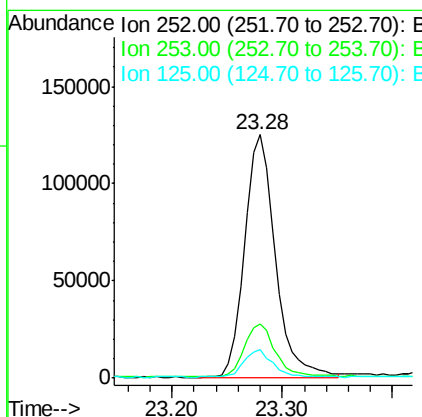
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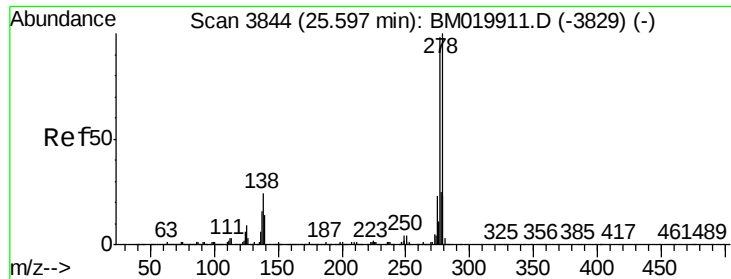
Sohil
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#90
Benzo(a)pyrene
Concen: 7.214 ng
RT: 23.28 min Scan# 3450
Delta R.T. 0.00 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	244658		
253	22.2	17.8	26.8	
125	11.9	9.1	13.7	





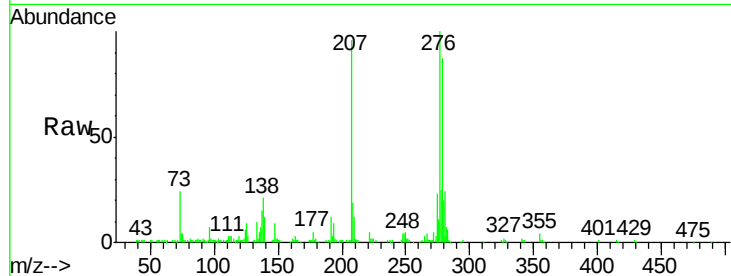
#91
Dibenzo(a,h)anthracene
Concen: 7.511 ng
RT: 25.59 min Scan# 3843
Delta R.T. -0.01 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.6	17.4
279	23.3	18.4	27.6

Manual Integrations
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4/17/2019 4:05:10 PM

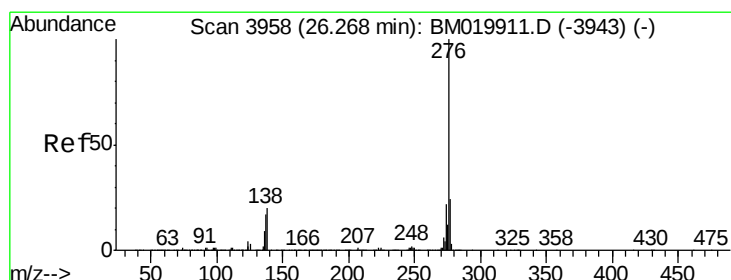
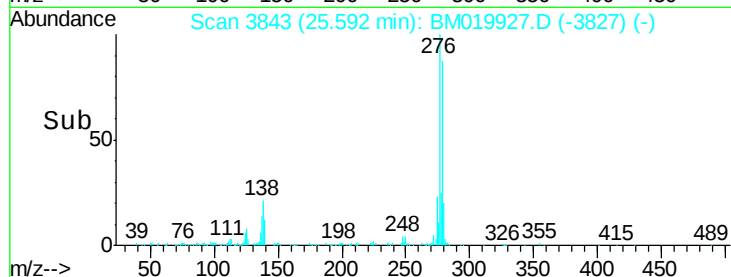
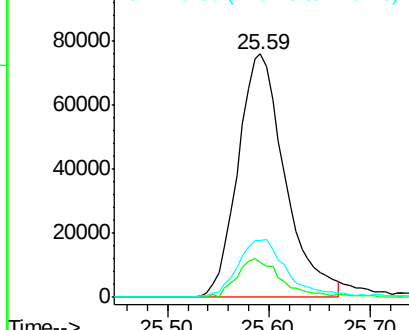


Abundance

Ion 278.00 (277.70 to 278.70): E

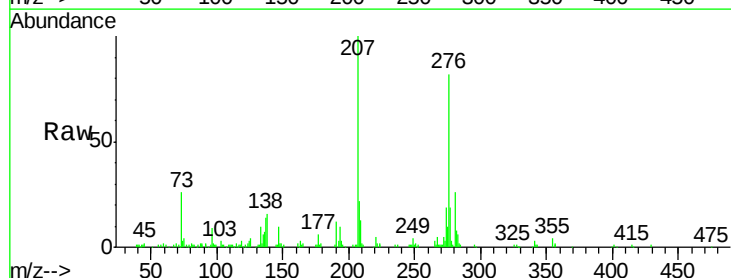
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 7.945 ng
RT: 26.27 min Scan# 3958
Delta R.T. 0.00 min
Lab File: BM019927.D
Acq: 16 Apr 2019 11:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.8	28.2
138	19.7	16.2	24.4



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

