

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062019\
 Data File : BM021069.D
 Acq On : 21 Jun 2019 00:58
 Operator : HP/JU
 Sample : K2241-03
 Misc : LOD-S-8PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-SOIL-03-QT2-2019

Manual Integrations
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mohammad
 6/21/2019 10:02:10 PM

Quant Time: Jun 21 04:36:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM062019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 20 15:39:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	206931	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	926856	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	643266	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	1642168	20.00	ng	0.00
76) Chrysene-d12	21.35	240	1852406	20.00	ng	0.00
87) Perylene-d12	23.63	264	2138844	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	378009	33.08	ng	0.00
7) Phenol-d6	6.95	99	544668	32.73	ng	0.00
23) Nitrobenzene-d5	8.94	82	350510	19.71	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	391440	32.43	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1068041	20.41	ng	0.00
79) Terphenyl-d14	19.79	244	2078472	20.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	37507	8.711	ng	97
3) Pyridine	3.73	79	88102	7.116	ng	96
4) n-Nitrosodimethylamine	3.64	42	35170	7.377	ng	# 81
6) Aniline	7.12	93	156185	7.046	ng	100
8) 2-Chlorophenol	7.35	128	105667	7.513	ng	98
9) Benzaldehyde	6.93	77	102161	7.495	ng	94
10) Phenol	6.97	94	125328	7.371	ng	98
11) bis(2-Chloroethyl)ether	7.22	93	100586	7.473	ng	98
12) 1,3-Dichlorobenzene	7.67	146	123901	7.271	ng	98
13) 1,4-Dichlorobenzene	7.82	146	127761	7.375	ng	99
14) 1,2-Dichlorobenzene	8.13	146	125782	7.409	ng	96
15) Benzyl Alcohol	8.03	79	97172	7.211	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.30	45	137580	7.902	ng	98
17) 2-Methylphenol	8.22	107	86571	7.128	ng	98
18) Hexachloroethane	8.85	117	43461	6.987	ng	97
19) n-Nitroso-di-n-propylamine	8.59	70	95390	7.876	ng	97
20) 3+4-Methylphenols	8.55	107	120329	7.198	ng	98
22) Acetophenone	8.60	105	195345	8.271	ng	98
24) Nitrobenzene	8.99	77	133474	7.577	ng	99
25) Isophorone	9.50	82	252985	7.603	ng	99
26) 2-Nitrophenol	9.69	139	54909	6.365	ng	97
27) 2,4-Dimethylphenol	9.75	122	100251	7.968	ng	97
28) bis(2-Chloroethoxy)methane	9.99	93	158883	7.684	ng	99
29) 2,4-Dichlorophenol	10.22	162	112078	6.883	ng	99
30) 1,2,4-Trichlorobenzene	10.43	180	138778	7.230	ng	96
31) Naphthalene	10.62	128	380651	7.761	ng	98
32) Benzoic acid	9.83	122	68769m	6.757	ng	
33) 4-Chloroaniline	10.74	127	160135	7.192	ng	98
34) Hexachlorobutadiene	10.89	225	83117	6.858	ng	99
35) Caprolactam	11.53	113	36852	7.236	ng	96
36) 4-Chloro-3-methylphenol	11.86	107	125916	7.599	ng	98
37) 2-Methylnaphthalene	12.23	142	303409	8.039	ng	99
38) 1-Methylnaphthalene	12.45	142	291964	8.111	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	182575	7.499	ng	99

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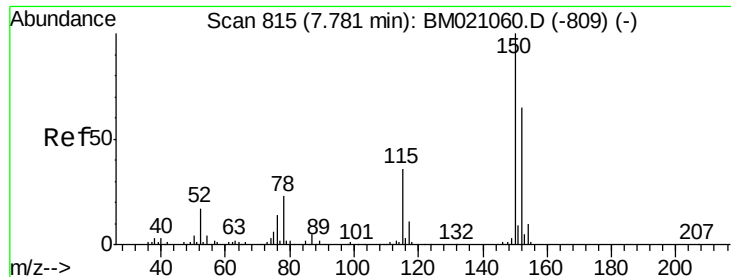
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	91987	6.517	ng	99
43) 2,4,6-Trichlorophenol	12.84	196	104899	6.511	ng	99
44) 2,4,5-Trichlorophenol	12.92	196	118018	7.074	ng	99
46) 1,1'-Biphenyl	13.25	154	441707	8.023	ng	99
47) 2-Chloronaphthalene	13.29	162	326302	7.297	ng	99
48) 2-Nitroaniline	13.51	65	76626	6.264	ng	97
49) Acenaphthylene	14.14	152	522037	7.672	ng	99
50) Dimethylphthalate	13.88	163	438266	7.663	ng	100
51) 2,6-Dinitrotoluene	14.00	165	90197	7.331	ng	92
52) Acenaphthene	14.49	154	310502	7.563	ng	97
53) 3-Nitroaniline	14.34	138	83861	6.686	ng	96
54) 2,4-Dinitrophenol	14.54	184	37887	5.732	ng	94
55) Dibenzofuran	14.82	168	528519	7.891	ng	99
56) 4-Nitrophenol	14.64	139	69111	7.205	ng	90
57) 2,4-Dinitrotoluene	14.79	165	120492	7.092	ng	94
58) Fluorene	15.47	166	427208	7.807	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.04	232	120059	7.531	ng	96
60) Diethylphthalate	15.24	149	441034	7.830	ng	98
61) 4-Chlorophenyl-phenylether	15.47	204	233180	7.543	ng	96
62) 4-Nitroaniline	15.50	138	90074	6.842	ng	96
63) Azobenzene	15.76	77	361847	7.831	ng	96
65) 4,6-Dinitro-2-methylphenol	15.56	198	55870	5.518	ng	97
66) n-Nitrosodiphenylamine	15.68	169	381485	7.370	ng	98
67) 4-Bromophenyl-phenylether	16.36	248	148488	6.792	ng	96
68) Hexachlorobenzene	16.47	284	177936	6.813	ng	97
69) Atrazine	16.63	200	131457	7.810	ng	98
70) Pentachlorophenol	16.82	266	88934	6.320	ng	98
71) Phenanthrene	17.21	178	736572	7.783	ng	100
72) Anthracene	17.30	178	715384	7.631	ng	100
73) Carbazole	17.57	167	645324	7.785	ng	99
74) Di-n-butylphthalate	18.13	149	751209	7.403	ng	99
75) Fluoranthene	19.23	202	900345	8.238	ng	99
77) Benzidine	19.42	184	377503	7.018	ng	99
78) Pyrene	19.59	202	944690	7.032	ng	99
80) Butylbenzylphthalate	20.49	149	343342	6.412	ng	99
81) Benzo(a)anthracene	21.33	228	955515	7.567	ng	100
82) 3,3'-Dichlorobenzidine	21.27	252	361567	7.560	ng	98
83) Chrysene	21.39	228	948788	7.887	ng	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	525927	6.901	ng	98
85) Di-n-octyl phthalate	22.15	149	885390	7.387	ng	99
86) Indeno(1,2,3-cd)pyrene	25.93	276	1156383	8.688	ng	99
88) Benzo(b)fluoranthene	22.94	252	1028636	7.129	ng	98
89) Benzo(k)fluoranthene	22.99	252	1023705	7.339	ng	100
90) Benzo(a)pyrene	23.53	252	979029	7.519	ng	99
91) Dibenzo(a,h)anthracene	25.94	278	973214	7.497	ng	100
92) Benzo(g,h,i)perylene	26.63	276	943975	7.798	ng	99

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



#1

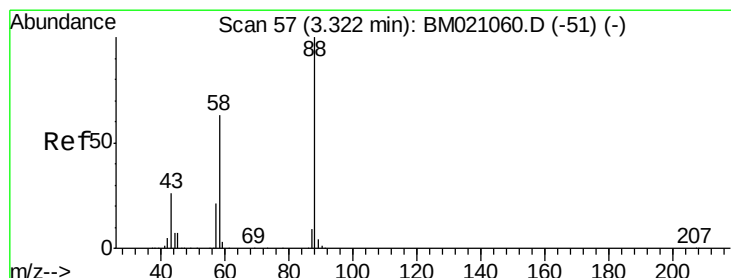
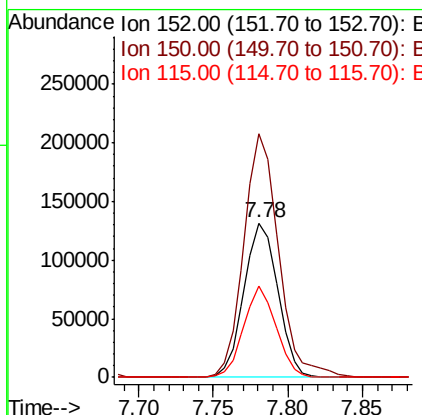
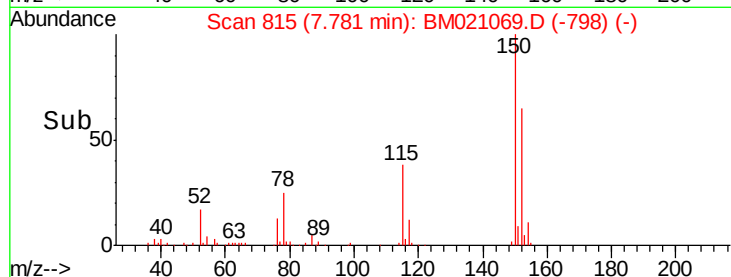
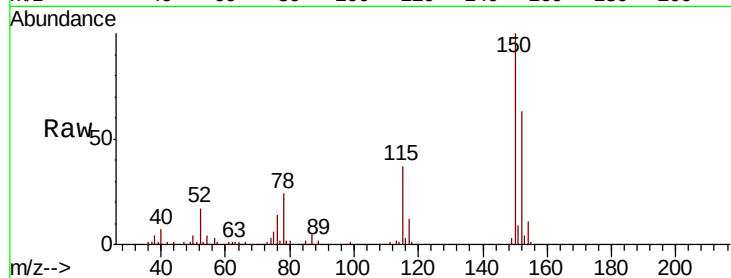
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 815
Delta R.T. -0.00 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	123.1	184.7
115	59.2	44.2	66.4

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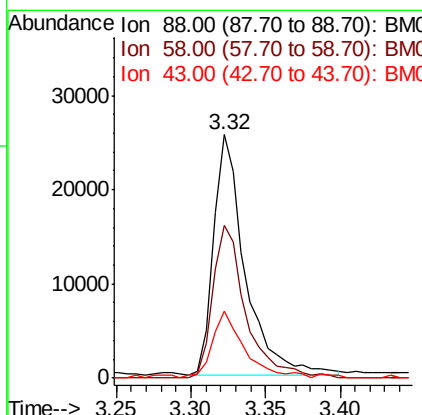
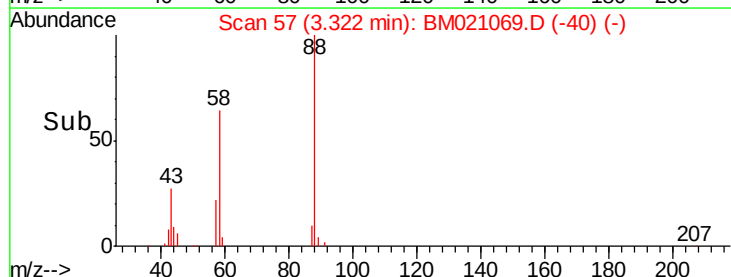
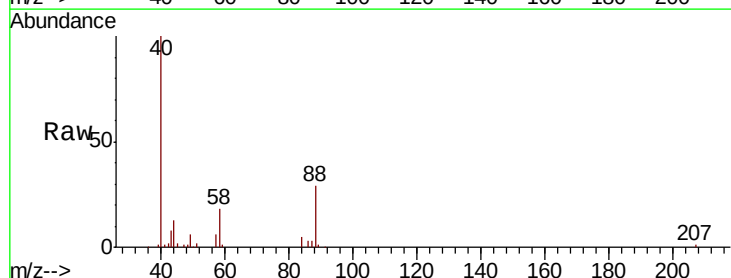
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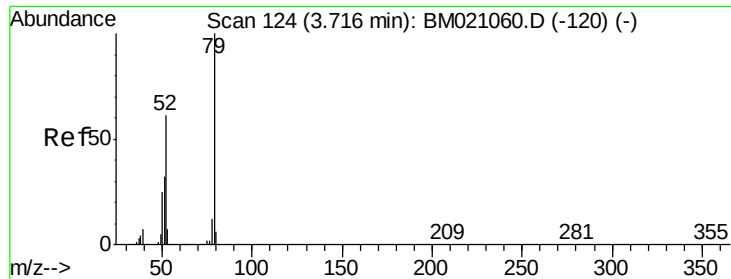


#2

1,4-Dioxane
Concen: 8.711 ng
RT: 3.32 min Scan# 57
Delta R.T. -0.00 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.8	51.9	77.9
43	28.5	21.4	32.2





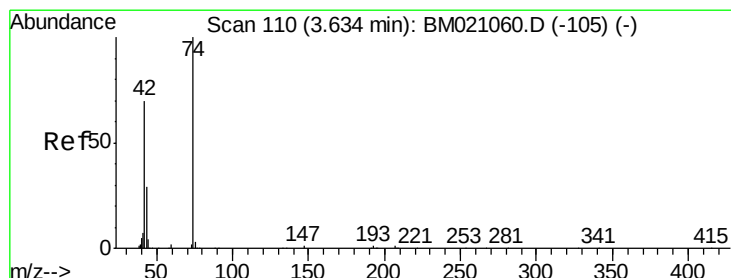
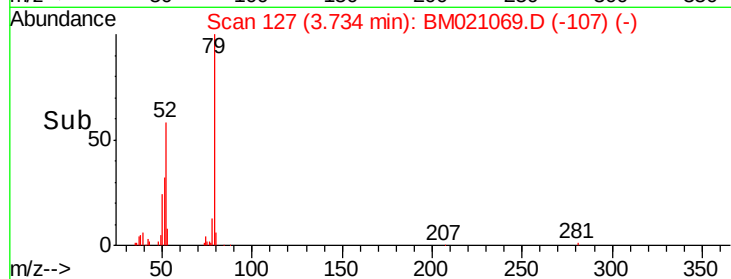
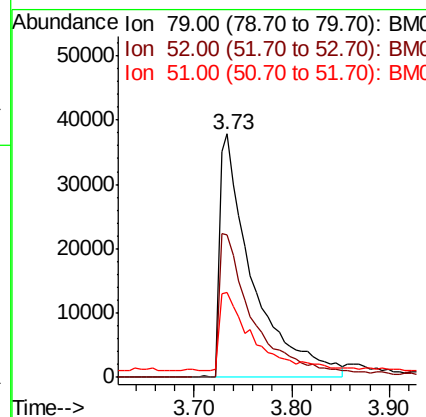
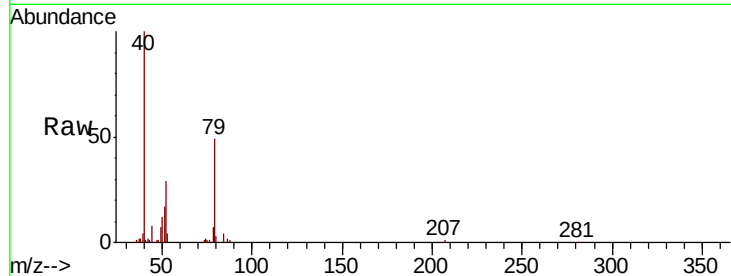
#3
Pvridine
Concen: 7.116 ng
RT: 3.73 min Scan# 127
Delta R.T. 0.02 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
79	100		
52	58.5	48.8	73.2
51	35.0	25.7	38.5

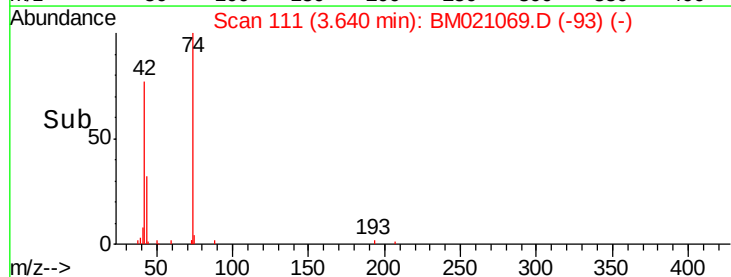
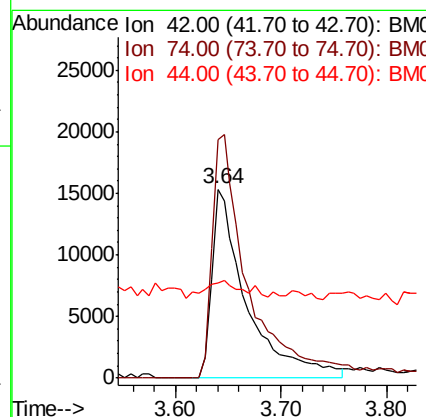
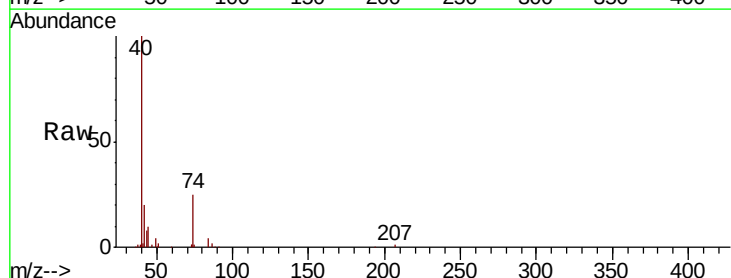
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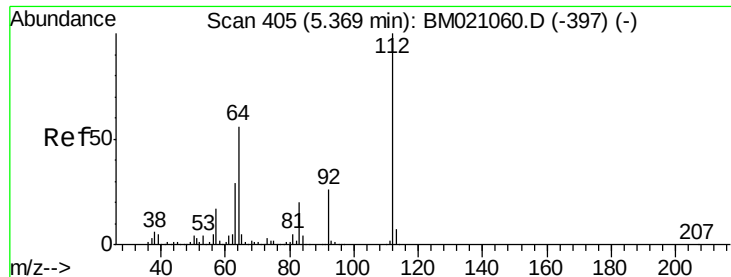
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#4
n-Nitrosodimethylamine
Concen: 7.377 ng
RT: 3.64 min Scan# 111
Delta R.T. 0.01 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Tgt Ion	Ratio	Lower	Upper
42	100		
74	126.7	113.8	170.6
44	50.7	8.2	12.2#





#5

2-Fluorophenol

Concen: 33.077 ng

RT: 5.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: BM021069.D

Acq: 21 Jun 2019 00:58

Instrument :

BNA_M

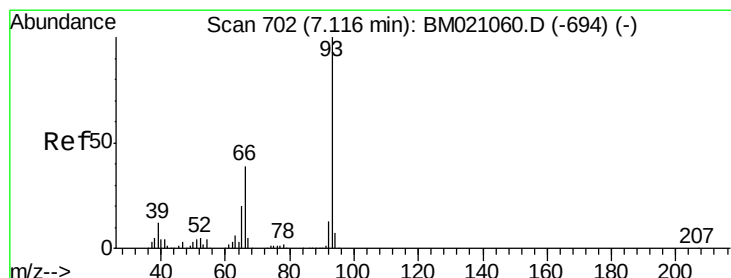
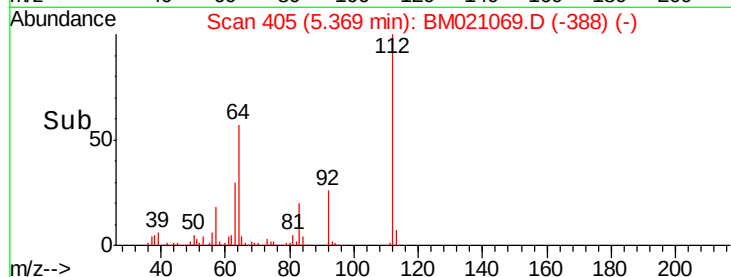
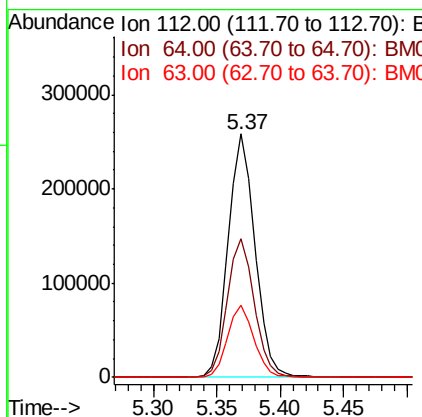
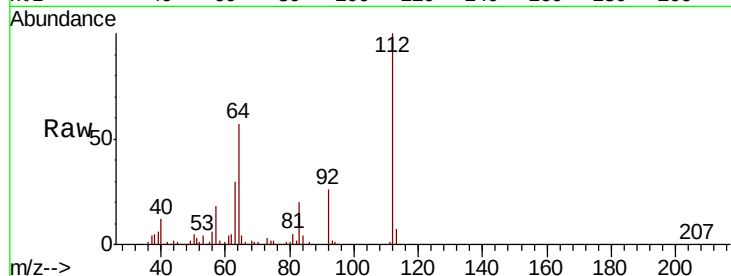
ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

Tot Ion:	112	Resp:	378009
Ion Ratio	Lower	Upper	
112	100		
64	57.0	45.2	67.8
63	29.9	23.5	35.3

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#6

Aniline

Concen: 7.046 ng

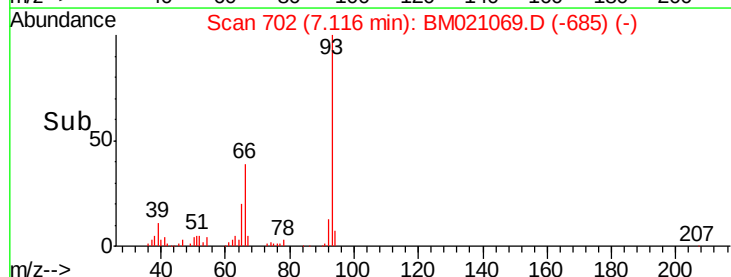
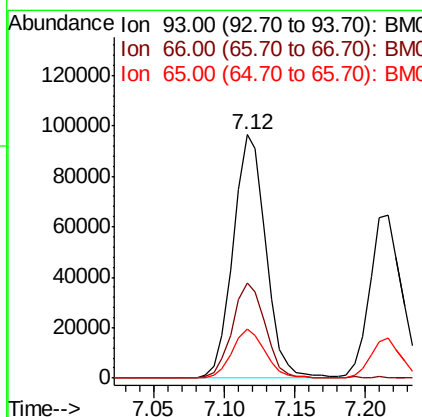
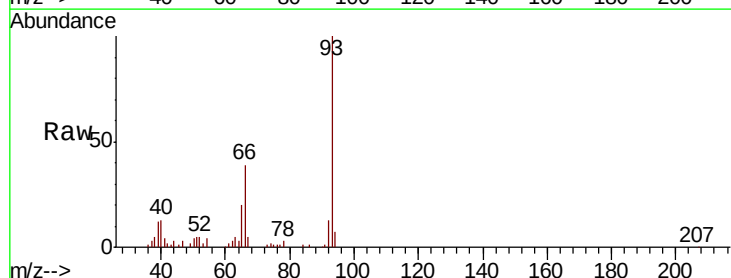
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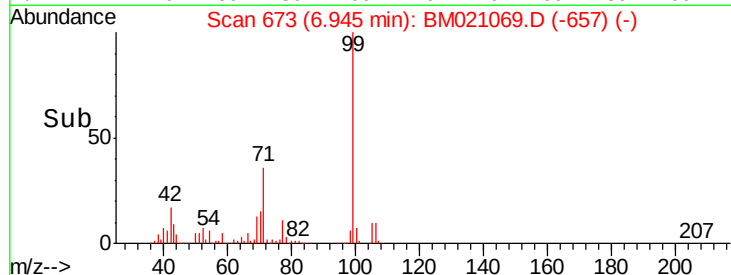
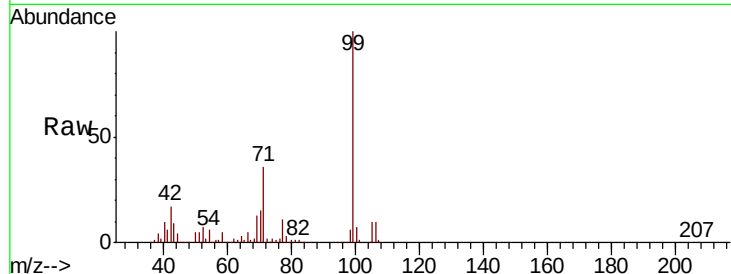
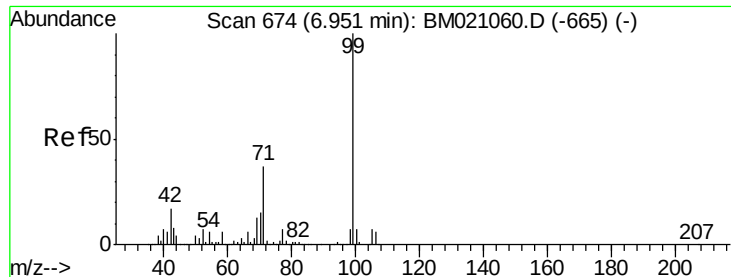
Delta R.T. -0.00 min

Lab File: BM021069.D

Acq: 21 Jun 2019 00:58

Tgt Ion:	93	Resp:	156185
Ion Ratio	Lower	Upper	
93	100		
66	38.9	31.3	46.9
65	20.1	15.9	23.9





#7

Phenol-d6

Concen: 32.728 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM021069.D

Acq: 21 Jun 2019 00:58

Tot Ion:	99	Resp:	544668
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.5	20.3
71	36.4	29.3	43.9

Instrument :

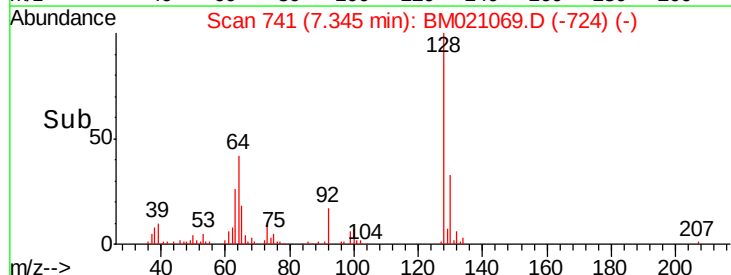
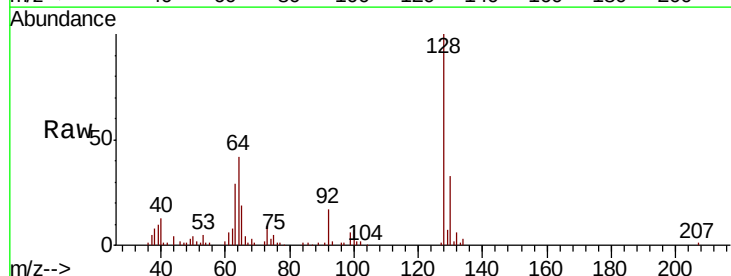
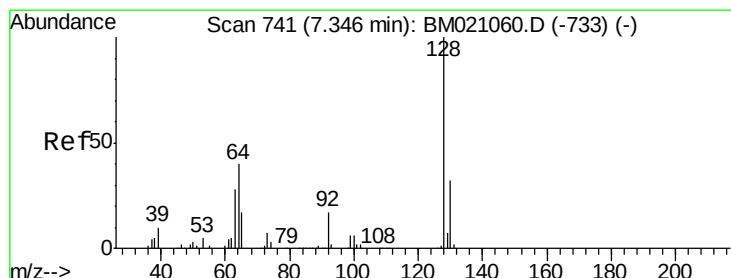
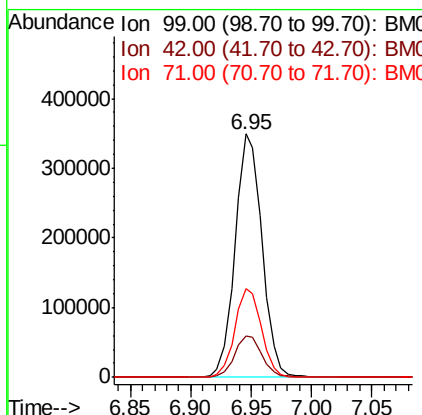
BNA_M

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Manual Integrations
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#8

2-Chlorophenol

Concen: 7.513 ng

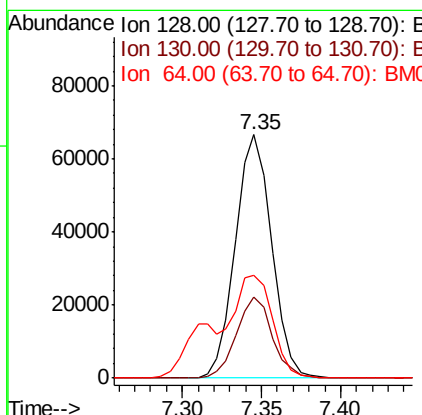
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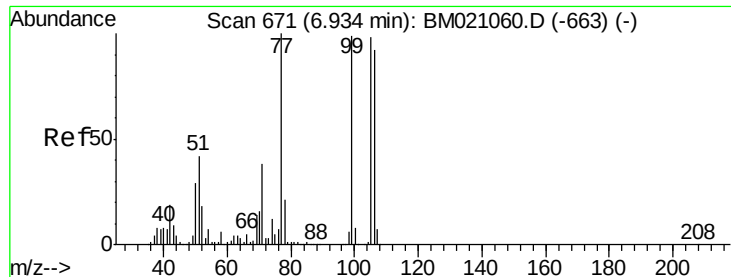
Delta R.T. -0.00 min

Lab File: BM021069.D

Acq: 21 Jun 2019 00:58

Tgt Ion:	128	Resp:	105667
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.2	52.2
64	42.2	23.2	63.2





#9

Benzaldehyde

Concen: 7.495 ng

RT: 6.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: BM021069.D

Acq: 21 Jun 2019 00:58

Instrument :

BNA_M

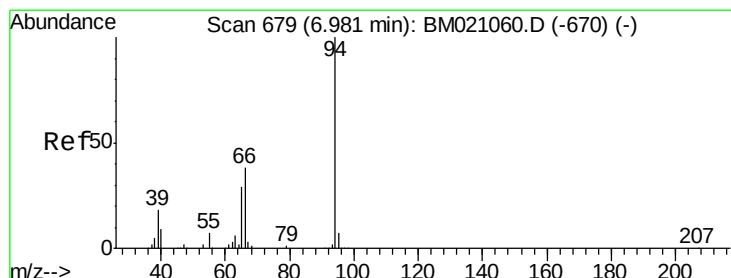
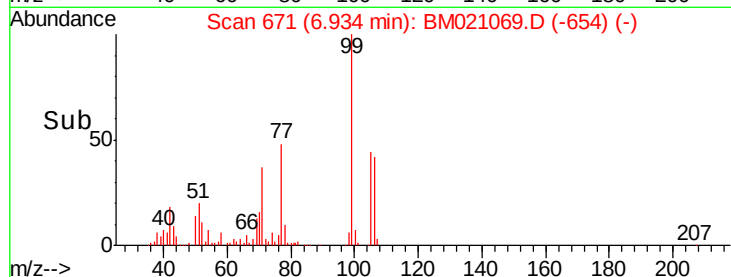
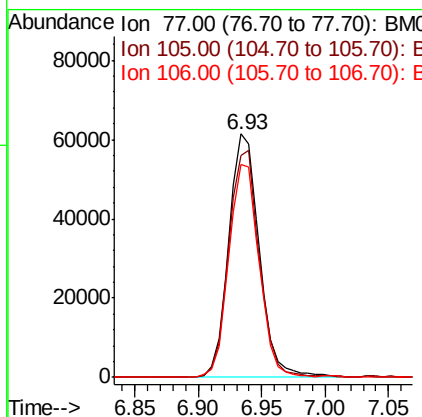
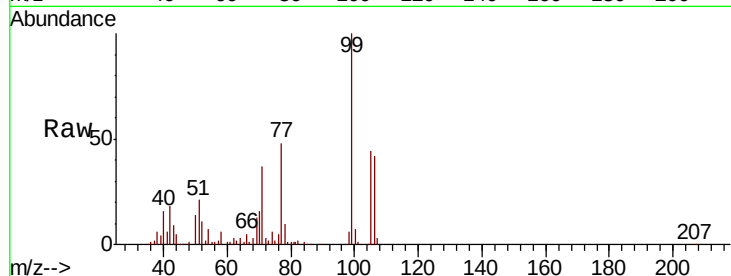
ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

Tot Ion:	77	Resp:	102161
Ion Ratio	Lower	Upper	
77	100		
105	91.3	77.8	117.8
106	87.4	71.8	111.8

Manual Integrations
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#10

Phenol

Concen: 7.371 ng

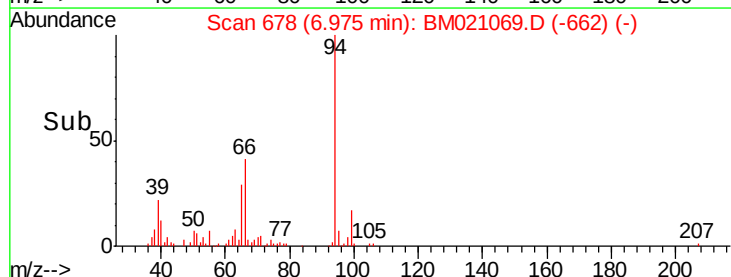
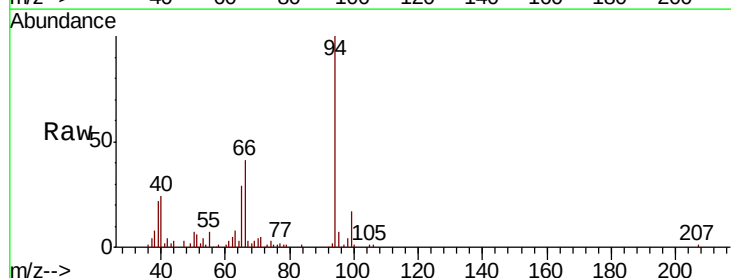
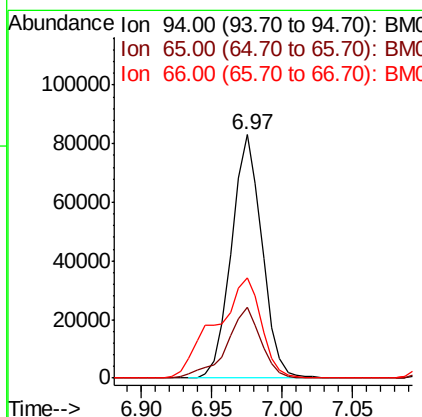
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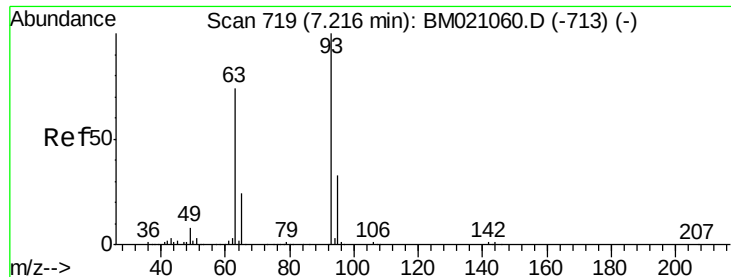
Delta R.T. -0.01 min

Lab File: BM021069.D

Acq: 21 Jun 2019 00:58

Tgt Ion:	94	Resp:	125328
Ion Ratio	Lower	Upper	
94	100		
65	29.0	8.7	48.7
66	41.3	19.0	59.0





#11

bis(2-Chloroethyl)ether

Concen: 7.473 ng

RT: 7.22 min Scan# 719

Delta R.T. -0.00 min

Lab File: BM021069.D

Acq: 21 Jun 2019 00:58

Instrument :

BNA_M

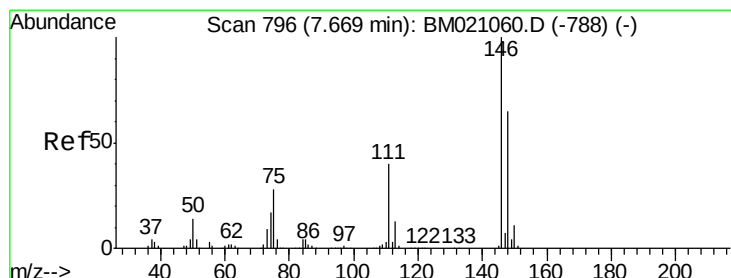
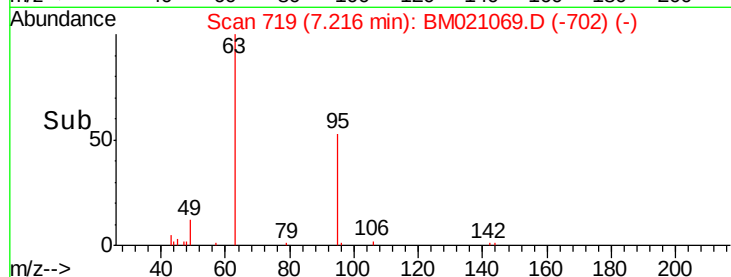
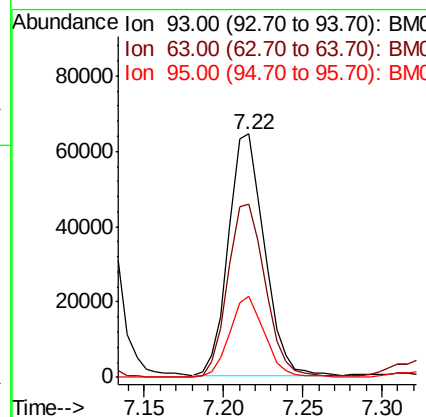
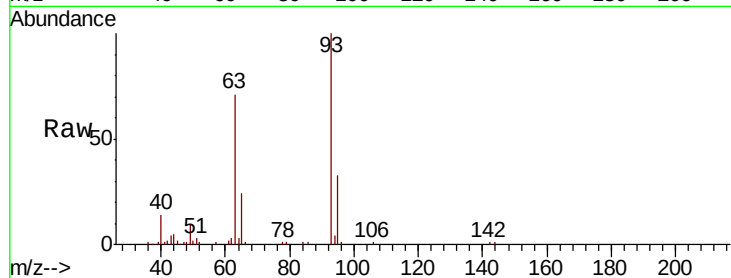
ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

Tot Ion:	93	Resp:	100586
Ion	Ratio	Lower	Upper
93	100		
63	71.1	53.4	93.4
95	33.3	13.0	53.0

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#12

1,3-Dichlorobenzene

Concen: 7.271 ng

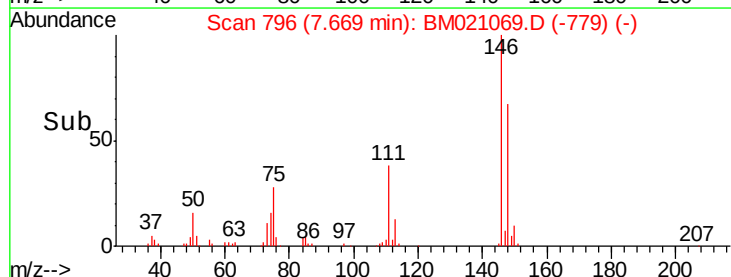
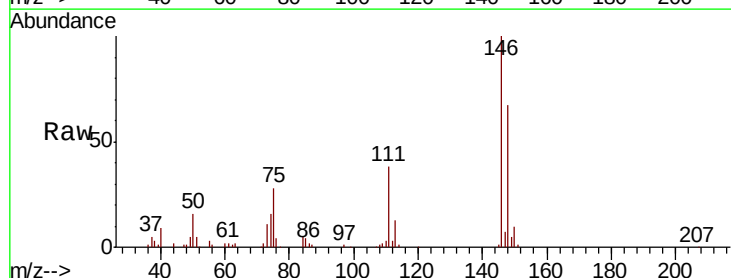
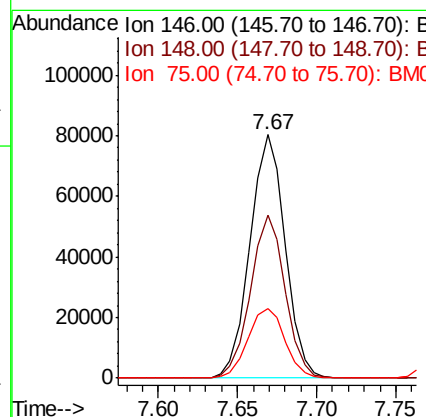
RT: 7.67 min Scan# 796

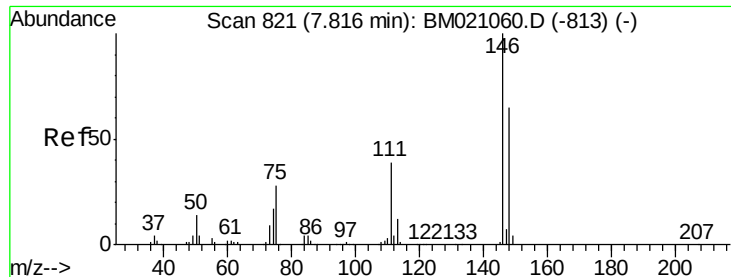
Delta R.T. -0.00 min

Lab File: BM021069.D

Acq: 21 Jun 2019 00:58

Tgt Ion:	146	Resp:	123901
Ion	Ratio	Lower	Upper
146	100		
148	66.8	52.2	78.2
75	28.5	22.2	33.4





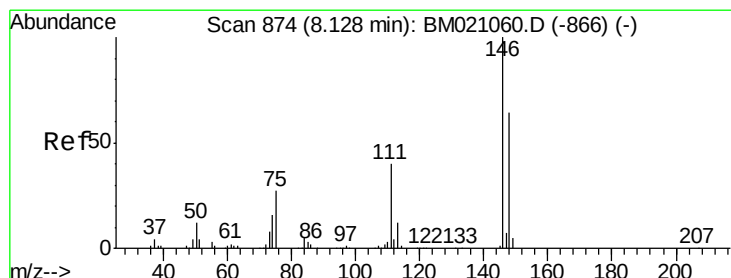
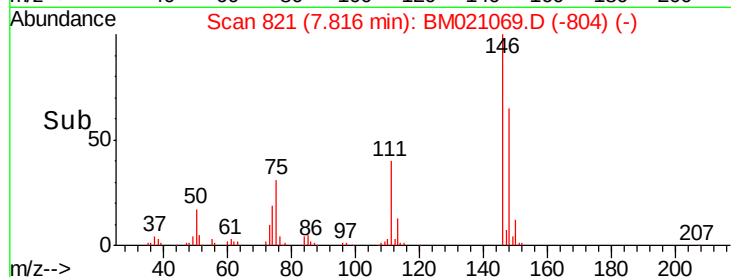
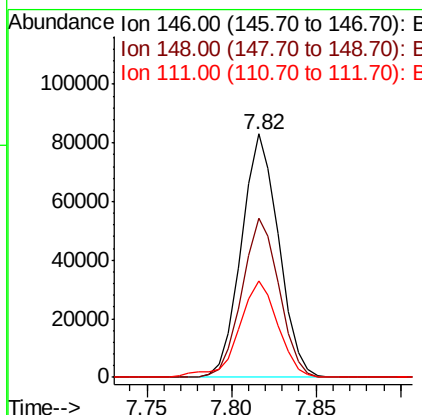
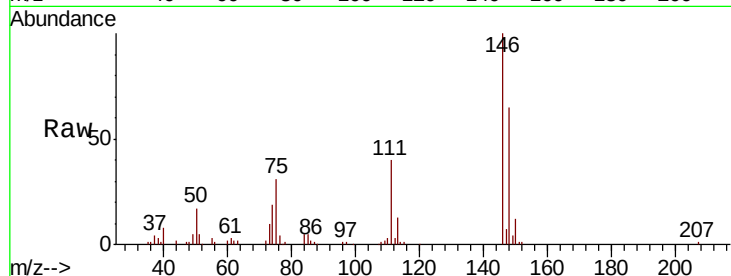
#13
1,4-Dichlorobenzene
Concen: 7.375 ng
RT: 7.82 min Scan# 821
Delta R.T. -0.00 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.9	77.9
111	39.8	31.4	47.0

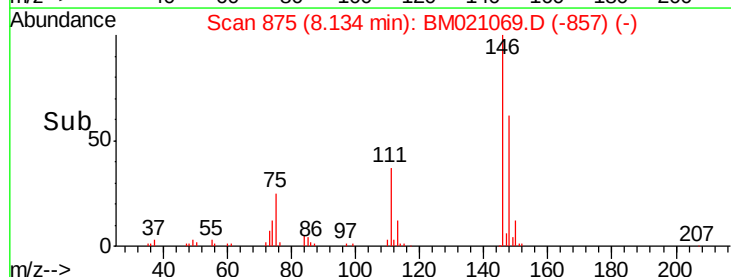
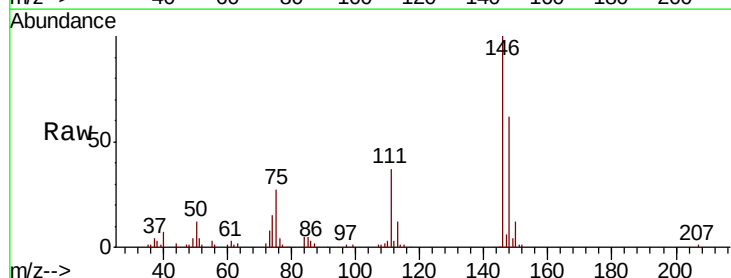
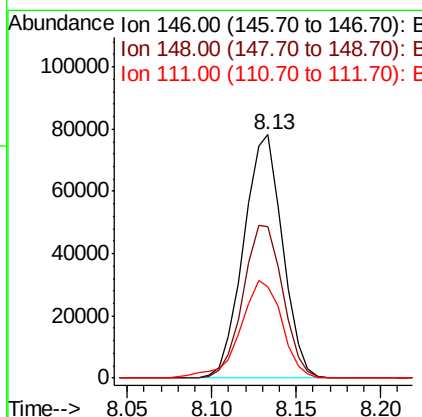
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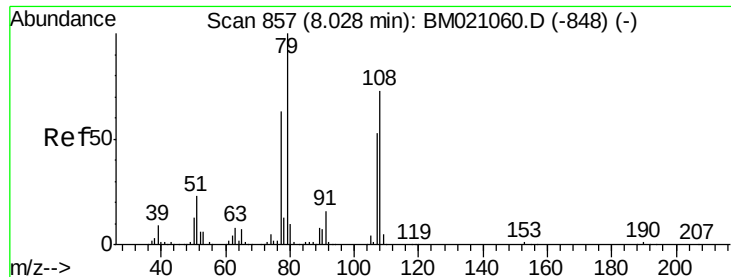
mohammad
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#14
1,2-Dichlorobenzene
Concen: 7.409 ng
RT: 8.13 min Scan# 875
Delta R.T. 0.01 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.2	76.8
111	37.4	32.8	49.2





#15

Benzyl Alcohol

Concen: 7.211 ng

RT: 8.03 min Scan# 857

Delta R.T. -0.00 min

Lab File: BM021069.D

Acq: 21 Jun 2019 00:58

Instrument :

BNA_M

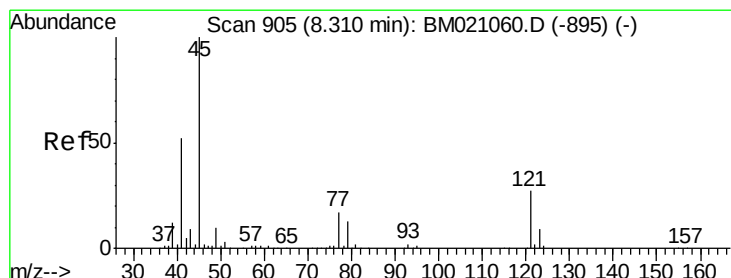
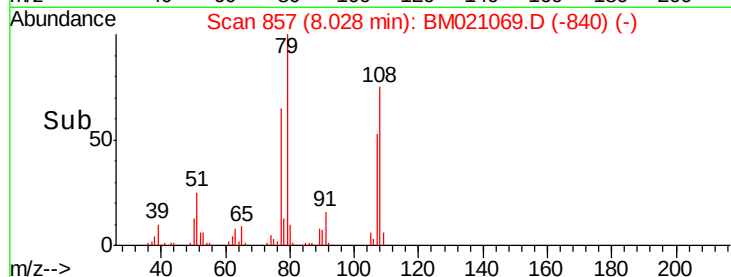
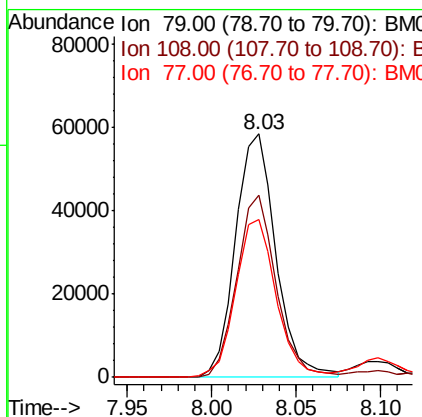
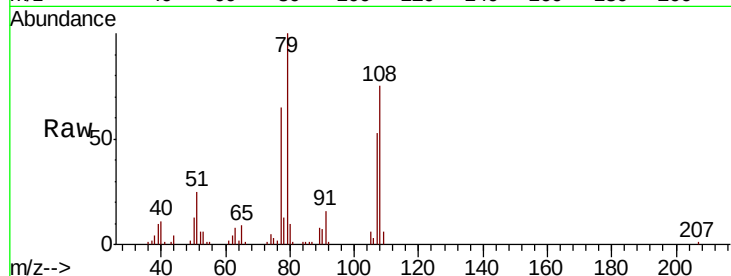
ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

Tot Ion:	79	Resp:	97172
Ion Ratio	Lower	Upper	
79	100		
108	74.8	58.4	87.6
77	64.6	50.1	75.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 7.902 ng

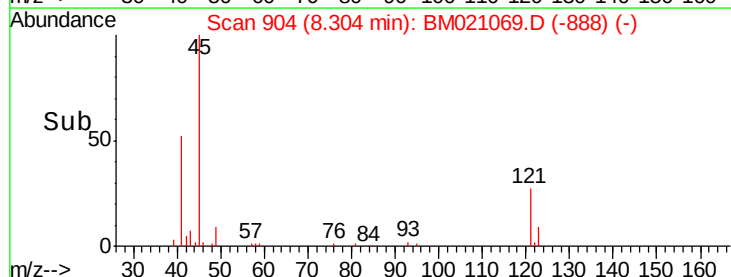
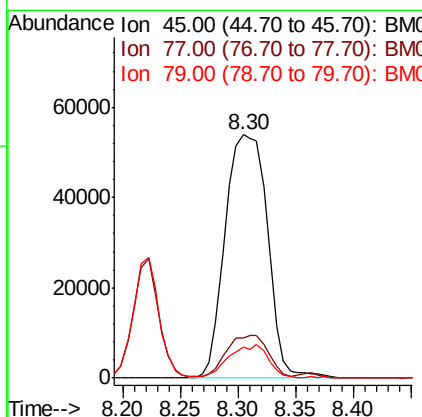
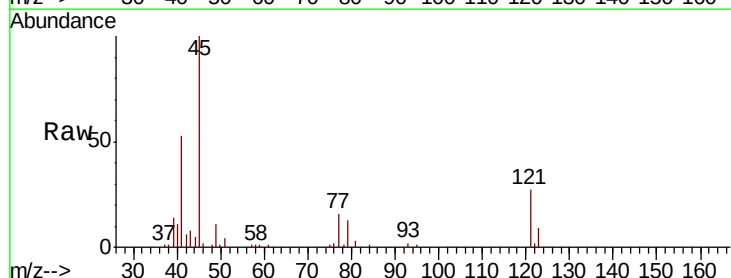
RT: 8.30 min Scan# 904

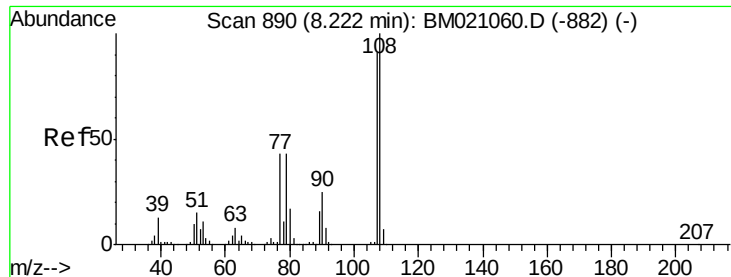
Delta R.T. -0.01 min

Lab File: BM021069.D

Acq: 21 Jun 2019 00:58

Tgt Ion:	45	Resp:	137580
Ion Ratio	Lower	Upper	
45	100		
77	16.4	0.0	37.5
79	12.8	0.0	33.5





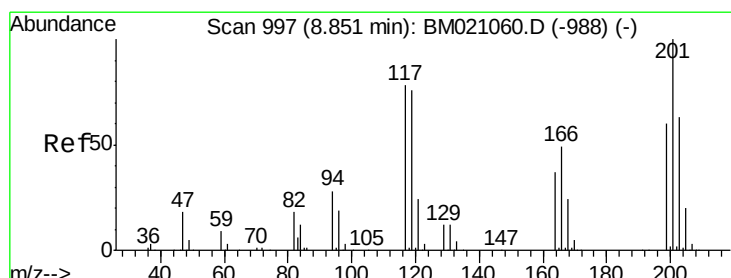
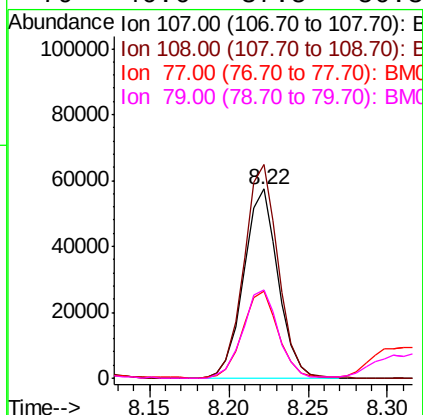
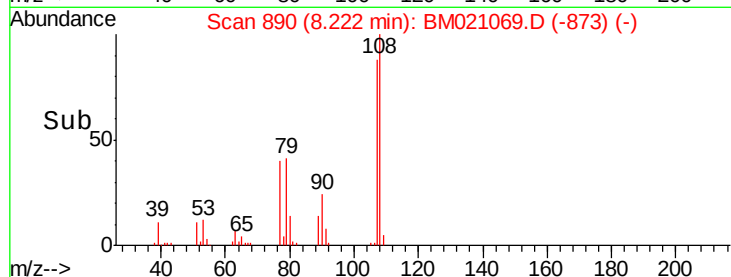
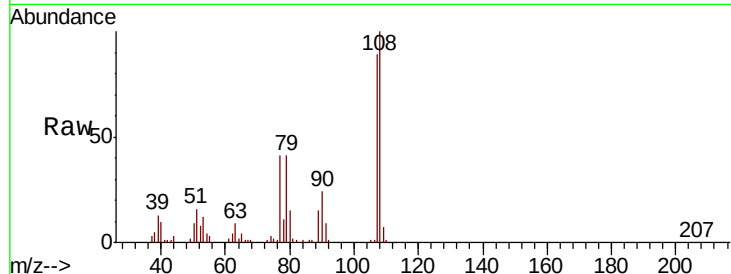
#17
2-Methylphenol
Concen: 7.128 ng
RT: 8.22 min Scan# 890
Delta R.T. -0.00 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	87.5	131.3
77	46.2	37.8	56.8
79	46.6	37.5	56.3

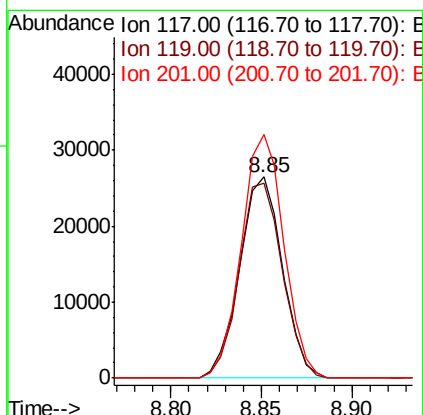
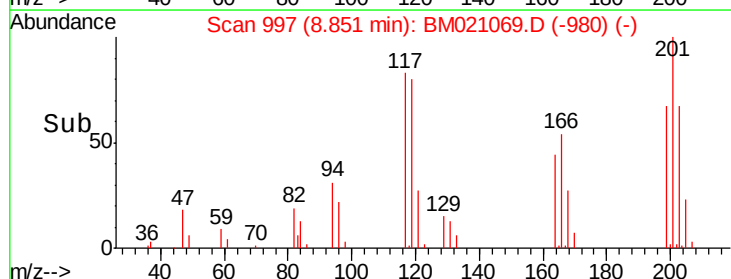
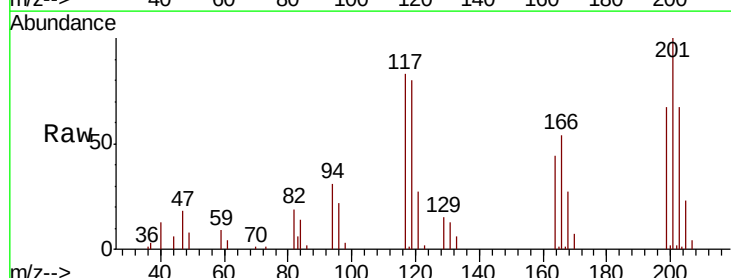
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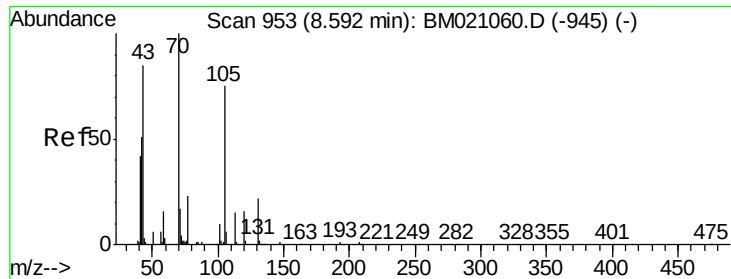
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#18
Hexachloroethane
Concen: 6.987 ng
RT: 8.85 min Scan# 997
Delta R.T. -0.00 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.5	116.3
201	121.2	102.3	153.5





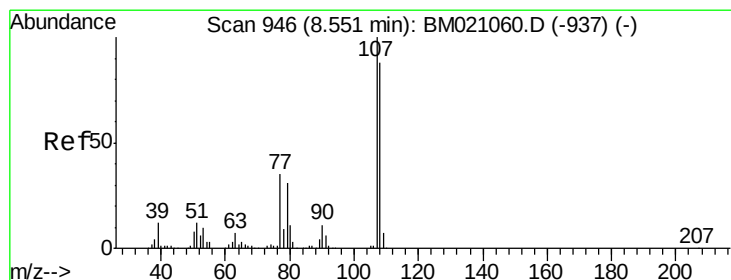
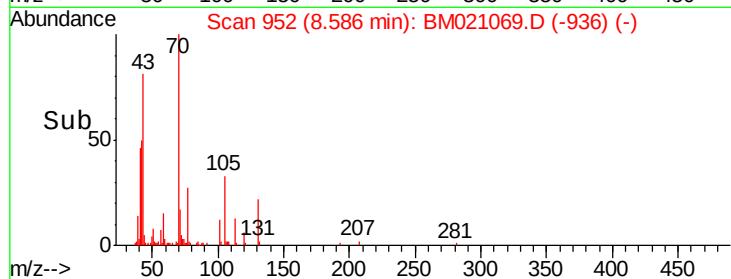
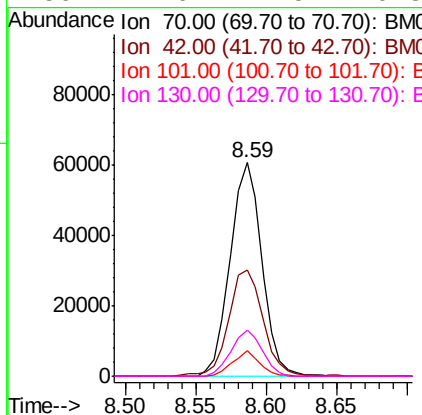
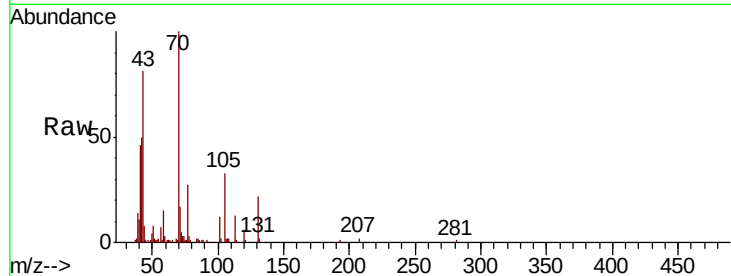
#19
n-Nitroso-di-n-propylamine
Concen: 7.876 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	49.8	41.9	62.9		
101	11.7	8.1	12.1		
130	21.6	17.5	26.3		

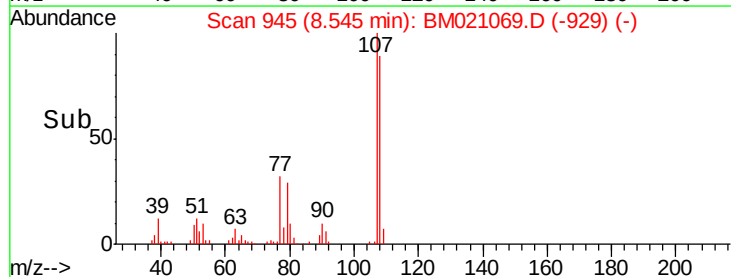
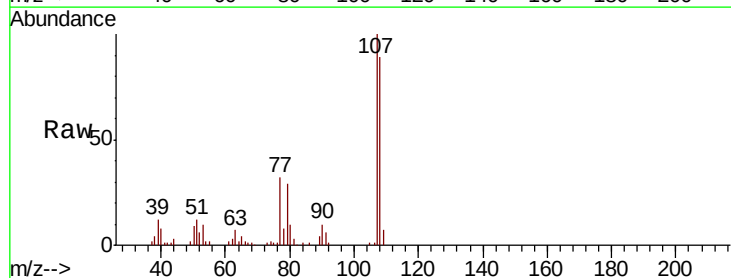
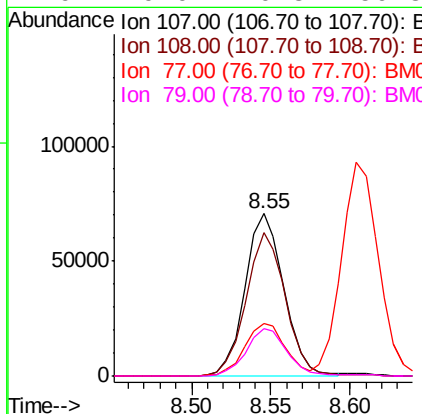
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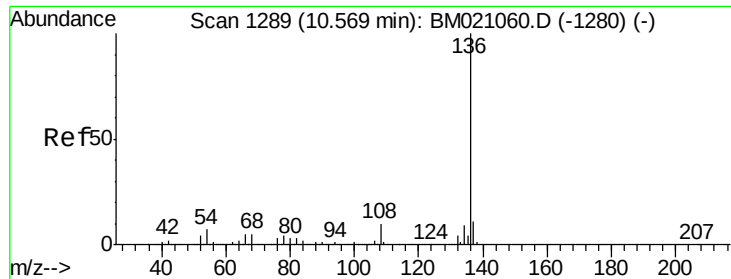
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#20
3+4-Methylphenols
Concen: 7.198 ng
RT: 8.55 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.7	67.9	107.9		
77	32.1	14.6	54.6		
79	29.0	10.8	50.8		





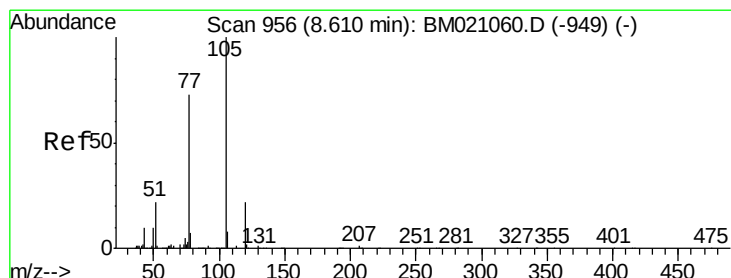
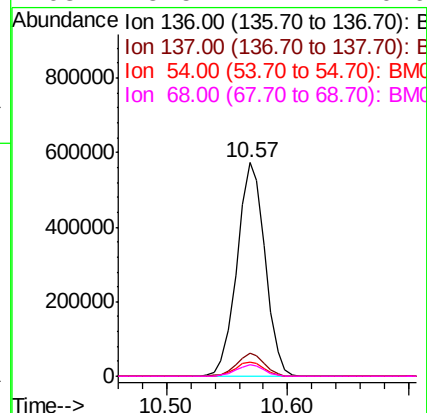
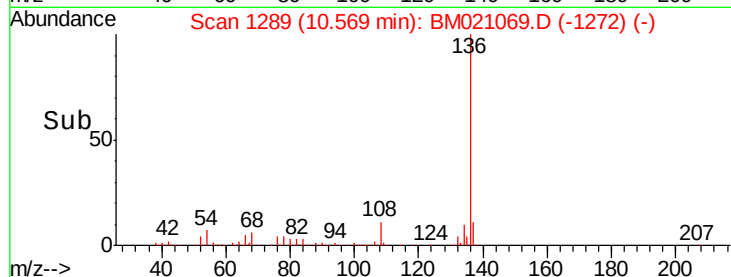
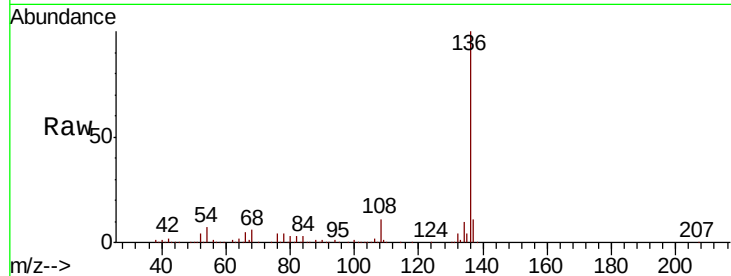
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.6	13.0	
54	6.8	5.3	7.9	
68	5.5	4.4	6.6	

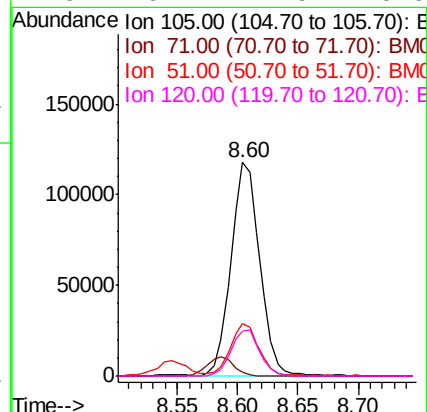
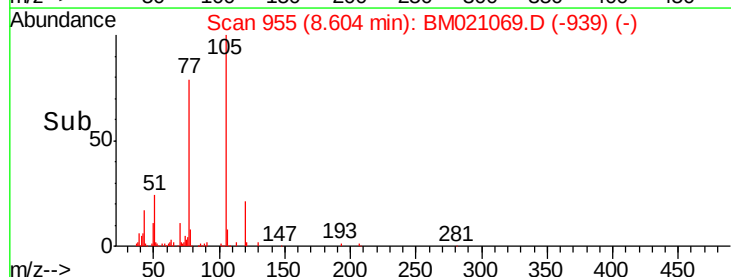
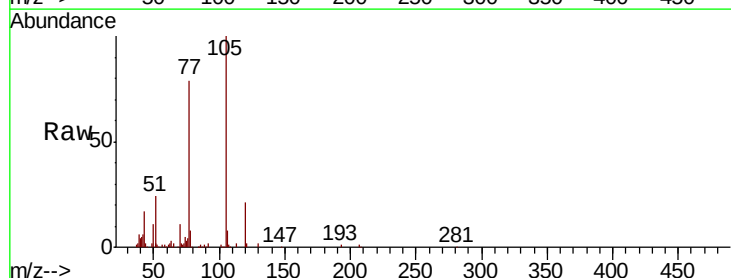
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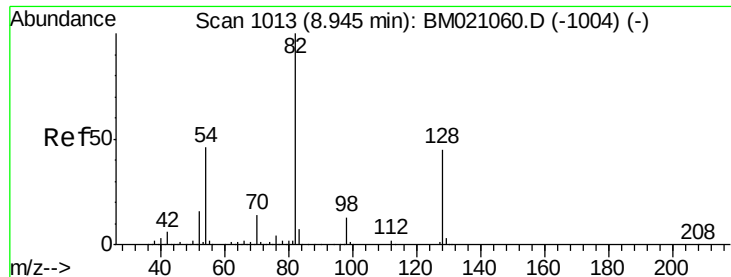
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#22
Acetophenone
Concen: 8.271 ng
RT: 8.60 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.7	1.2	1.8	
51	24.3	19.1	28.7	
120	20.7	17.9	26.9	





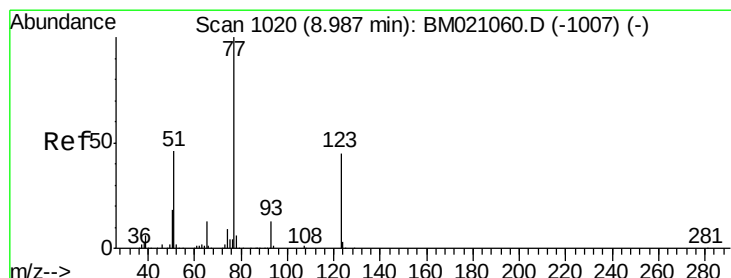
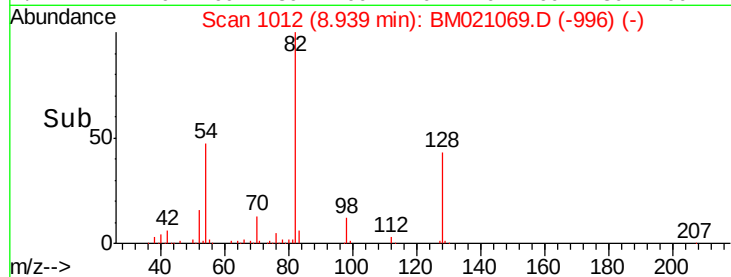
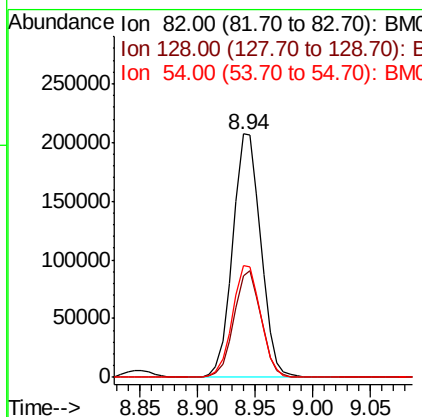
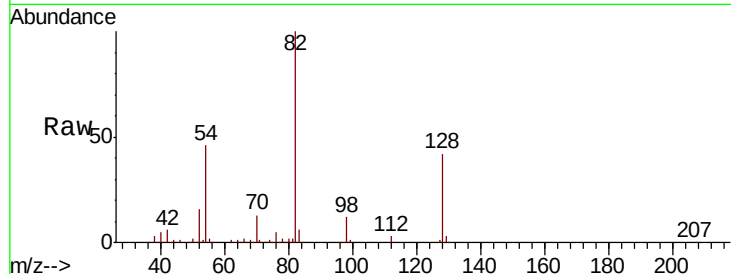
#23
Nitrobenzene-d5
Concen: 19.709 ng
RT: 8.94 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
82	100	350510		
128	41.8	35.9	53.9	
54	45.9	36.6	55.0	

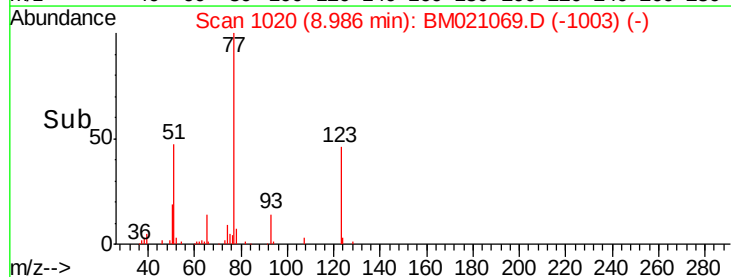
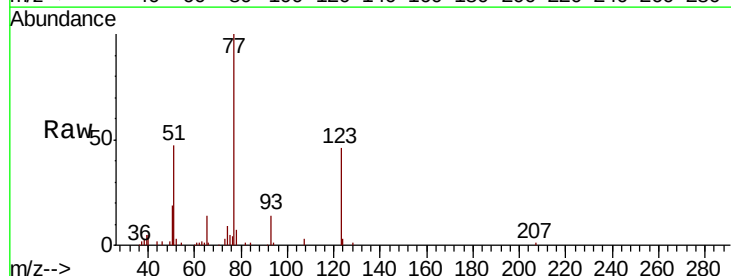
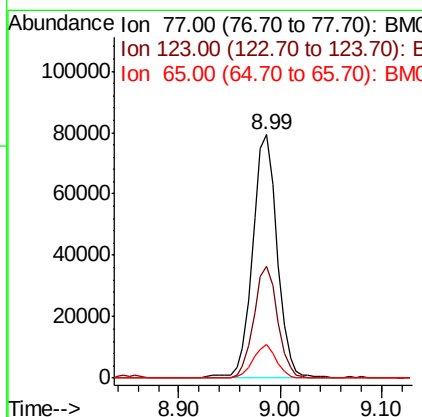
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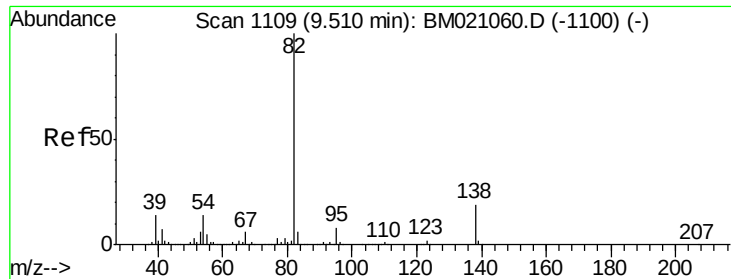
mohammad
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#24
Nitrobenzene
Concen: 7.577 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	133474		
123	45.8	36.3	54.5	
65	13.6	10.6	16.0	





#25

Isophorone

Concen: 7.603 ng

RT: 9.50 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BM021069.D

Acq: 21 Jun 2019 00:58

Instrument :

BNA_M

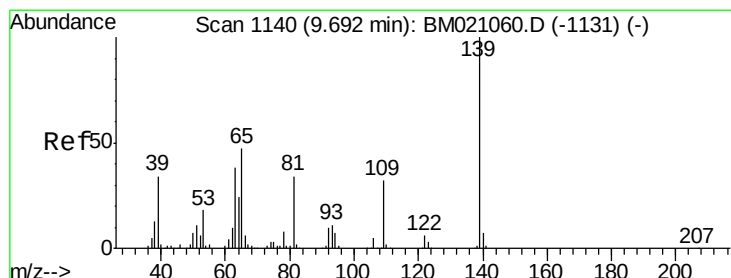
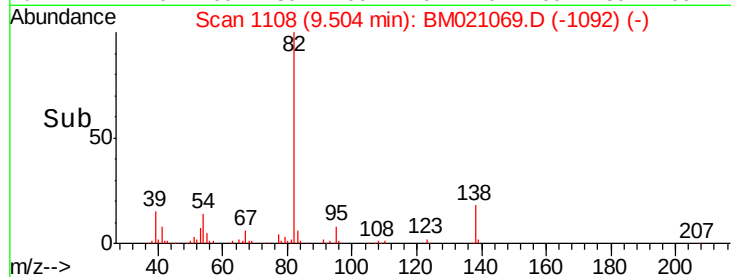
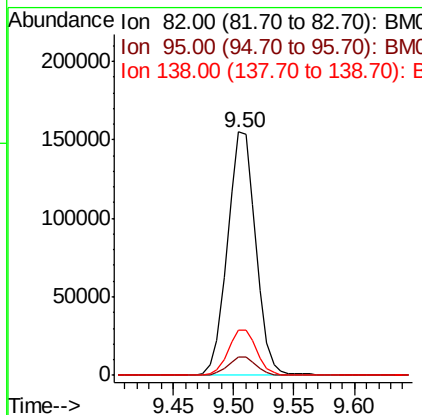
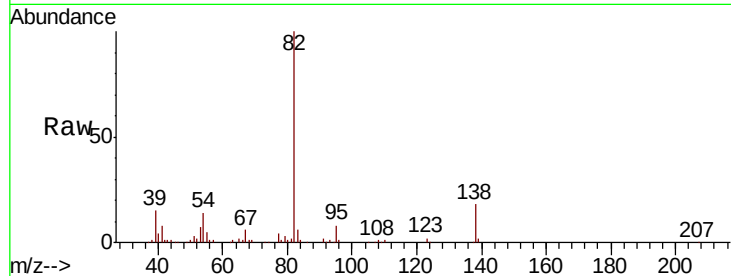
ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

Tot Ion:	82	Resp:	252985
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.1	9.1
138	18.4	15.0	22.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 6.365 ng

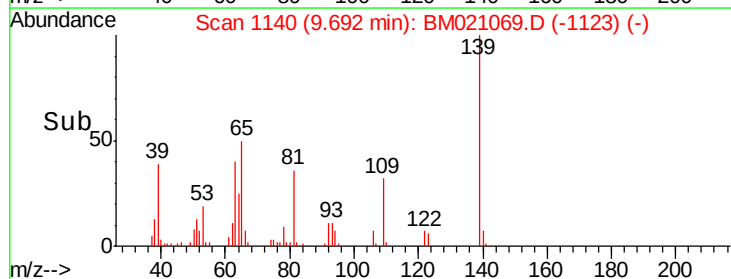
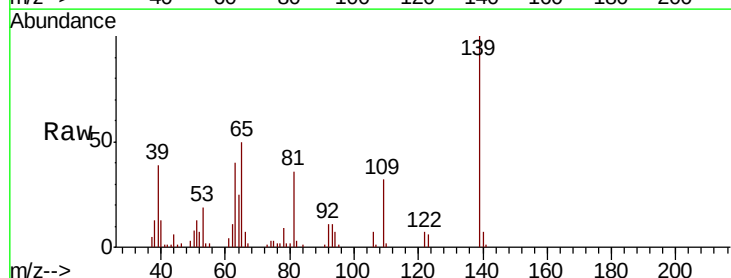
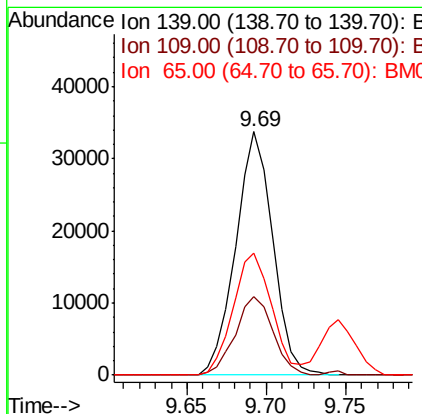
RT: 9.69 min Scan# 1140

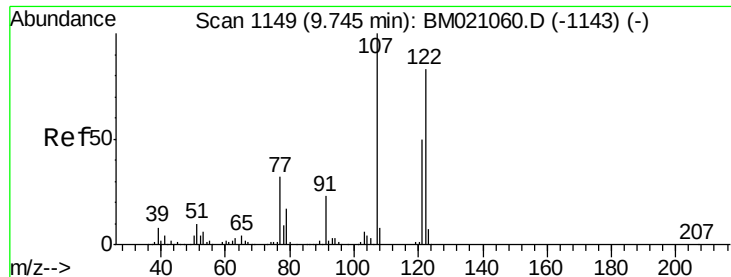
Delta R.T. -0.00 min

Lab File: BM021069.D

Acq: 21 Jun 2019 00:58

Tgt Ion:	139	Resp:	54909
Ion Ratio	Lower	Upper	
139	100		
109	32.0	25.2	37.8
65	50.1	37.4	56.0





#27

2,4-Dimethylphenol

Concen: 7.968 ng

RT: 9.75 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BM021069.D

Acq: 21 Jun 2019 00:58

Instrument :

BNA_M

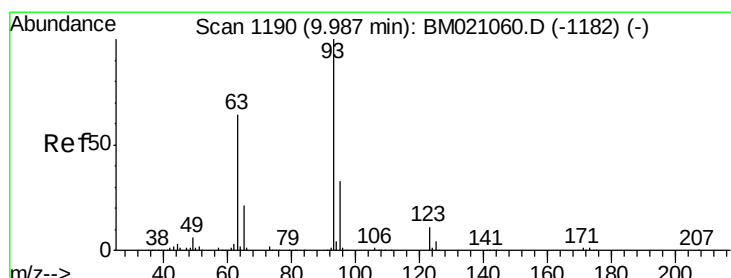
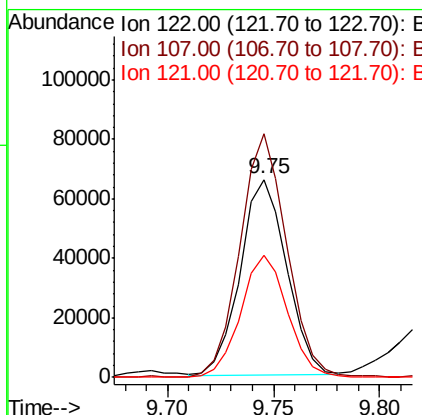
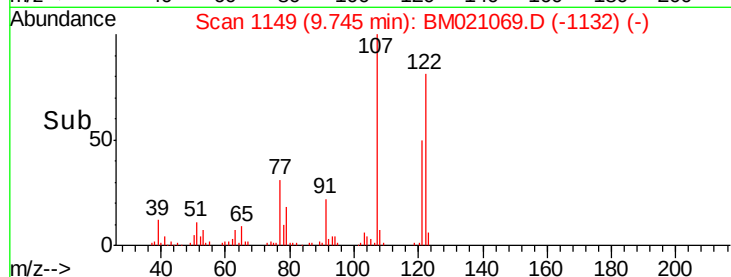
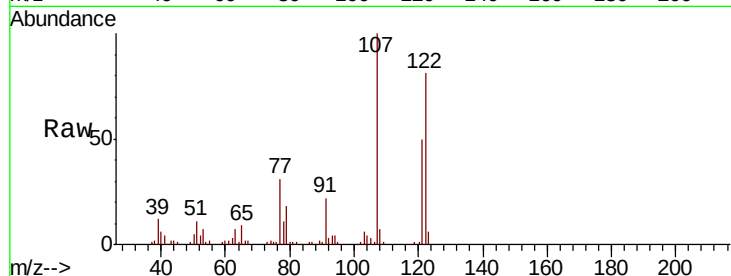
ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

Tot Ion:	122	Resp:	100251
Ion Ratio	Lower	Upper	
122	100		
107	123.1	95.3	142.9
121	61.4	47.5	71.3

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#28

bis(2-Chloroethoxy)methane

Concen: 7.684 ng

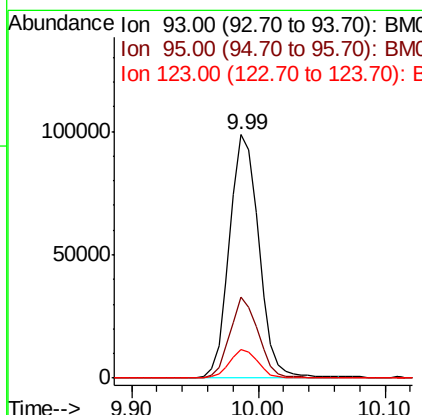
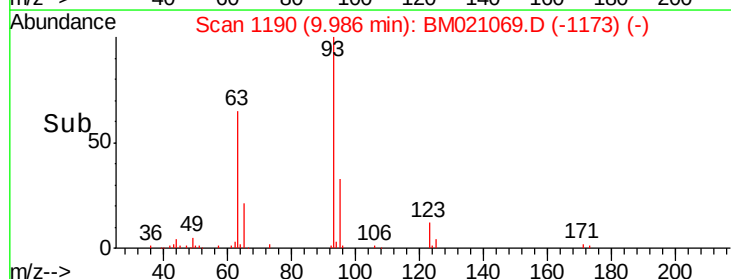
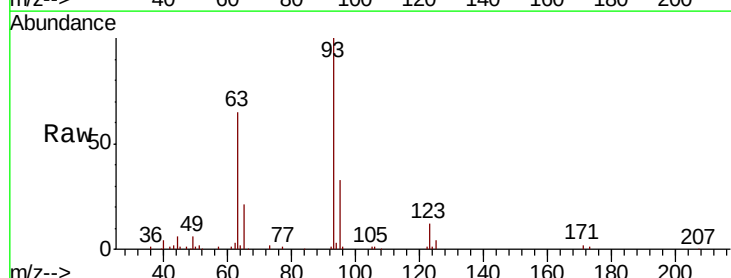
RT: 9.99 min Scan# 1190

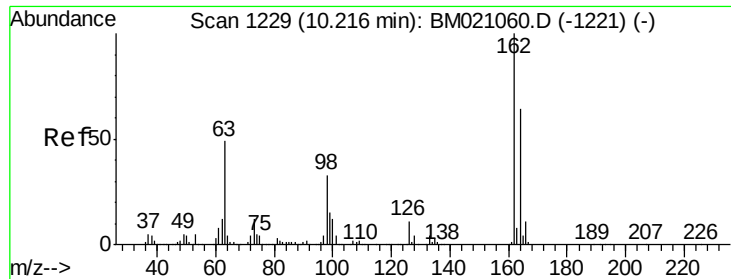
Delta R.T. -0.00 min

Lab File: BM021069.D

Acq: 21 Jun 2019 00:58

Tgt Ion:	93	Resp:	158883
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.2	39.2
123	11.5	9.0	13.4





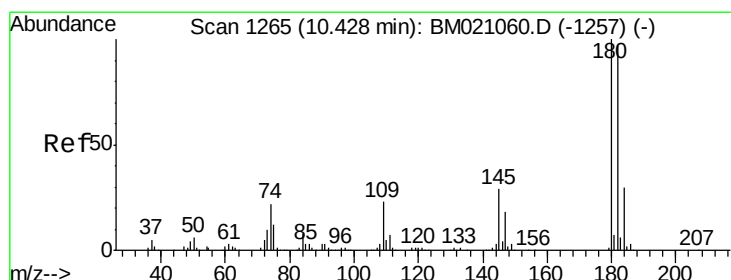
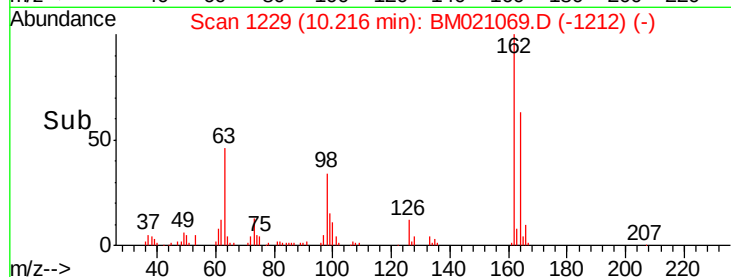
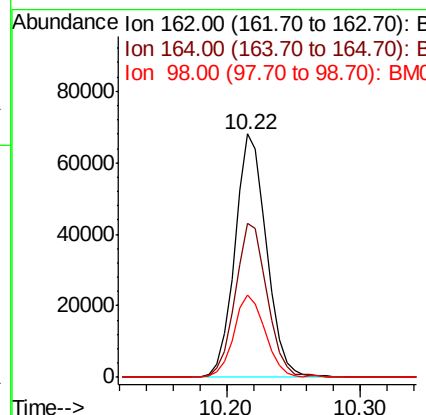
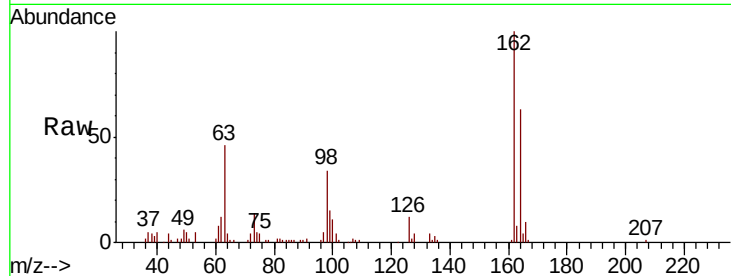
#29
 2,4-Dichlorophenol
 Concen: 6.883 ng
 RT: 10.22 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BM021069.D
 Acq: 21 Jun 2019 00:58

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	43.7	83.7
98	34.0	13.4	53.4

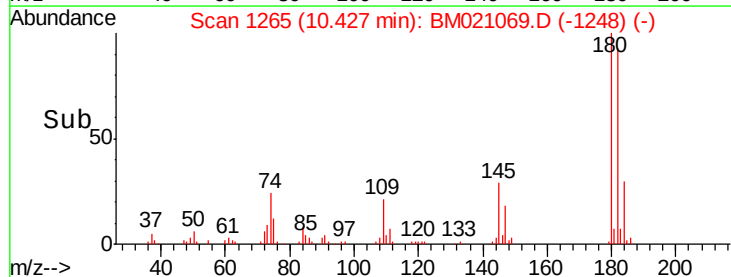
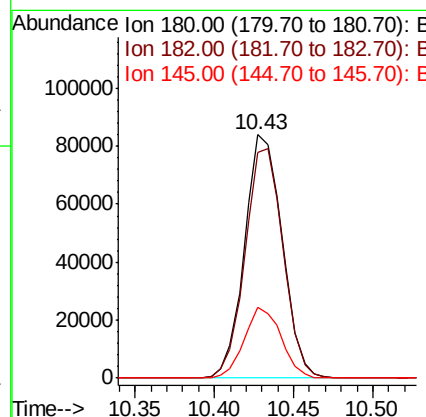
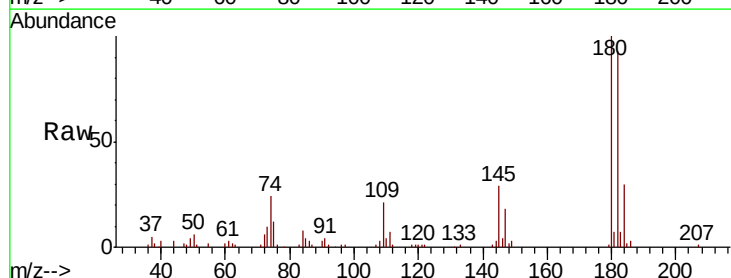
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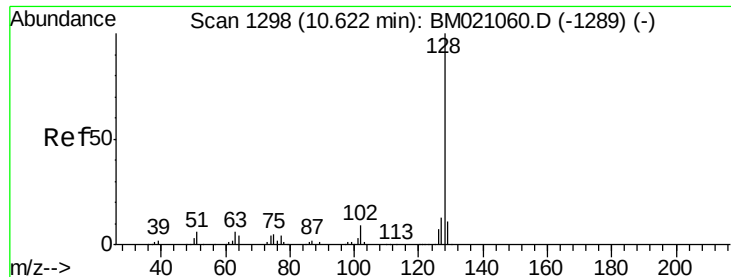
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#30
 1,2,4-Trichlorobenzene
 Concen: 7.230 ng
 RT: 10.43 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BM021069.D
 Acq: 21 Jun 2019 00:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	78.0	117.0
145	29.3	23.4	35.0





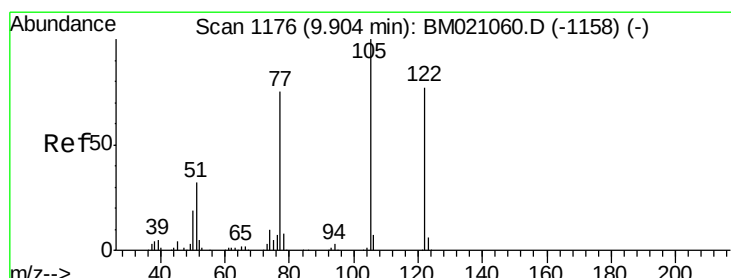
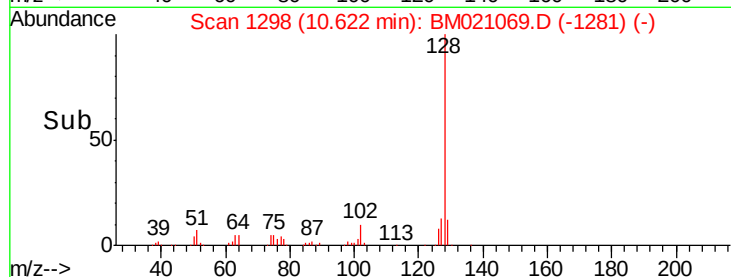
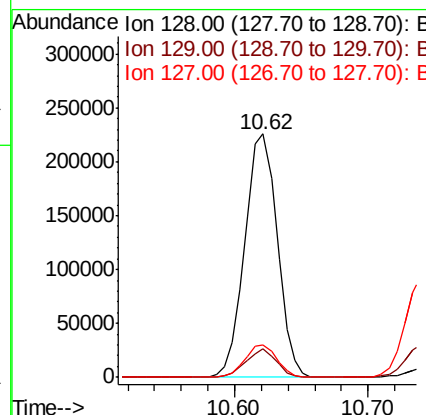
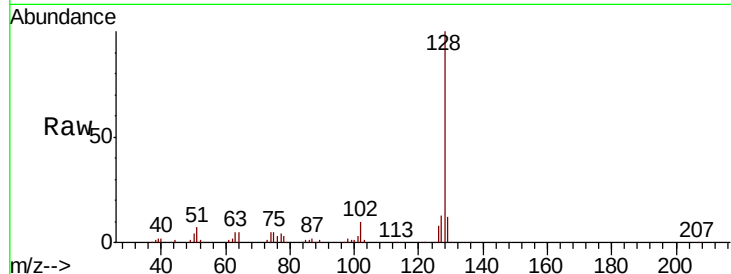
#31
Naphthalene
Concen: 7.761 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	13.0
127	13.1	10.8	16.2

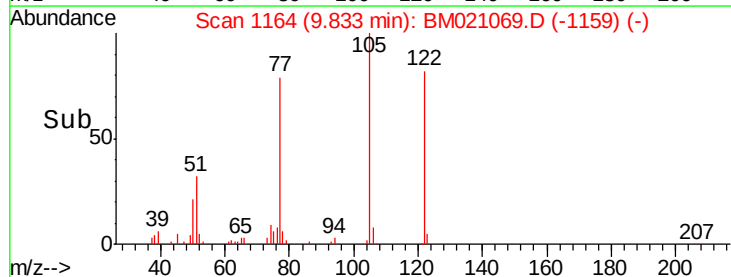
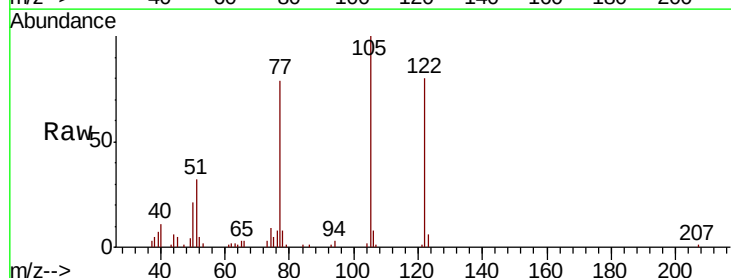
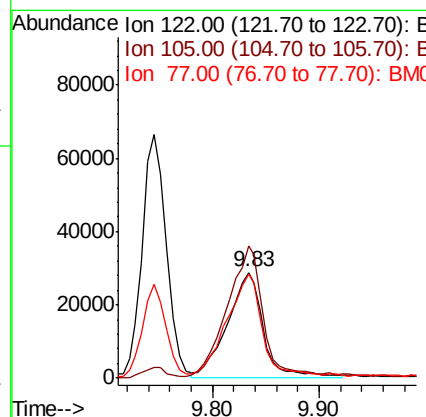
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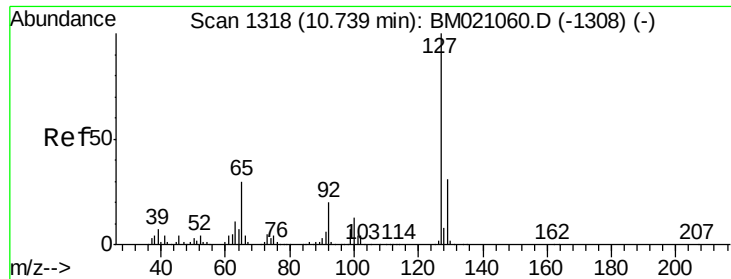
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#32
Benzoic acid
Concen: 6.757 ng m
RT: 9.83 min Scan# 1164
Delta R.T. -0.07 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.9	108.9	148.9
77	98.5	76.7	116.7





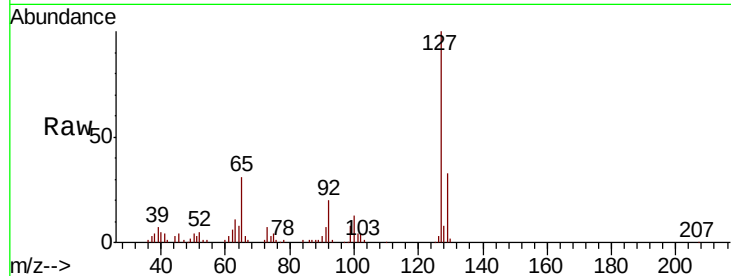
#33
4-Chloroaniline
Concen: 7.192 ng
RT: 10.74 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

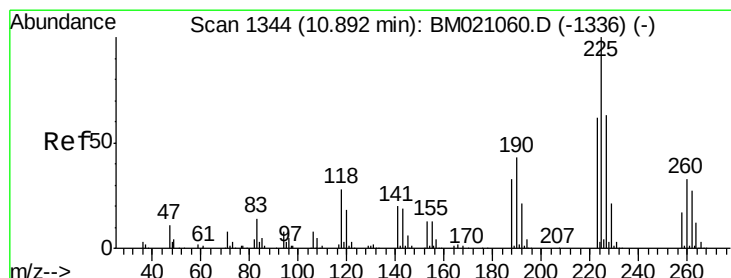
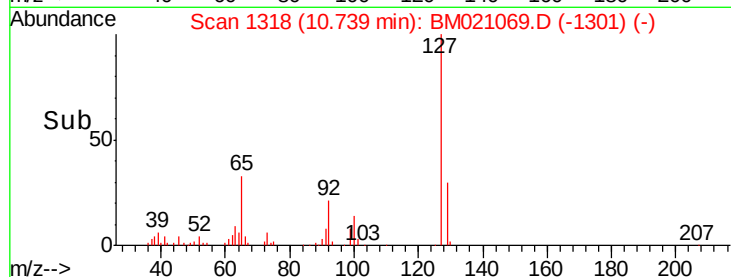
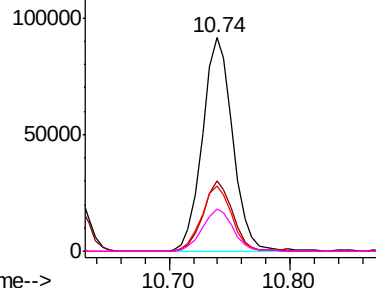
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.1	37.7
65	30.8	23.8	35.8
92	19.5	15.7	23.5

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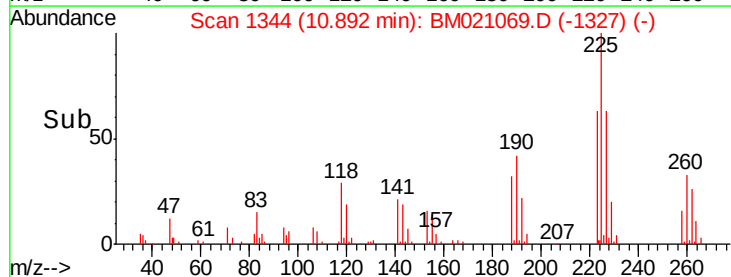
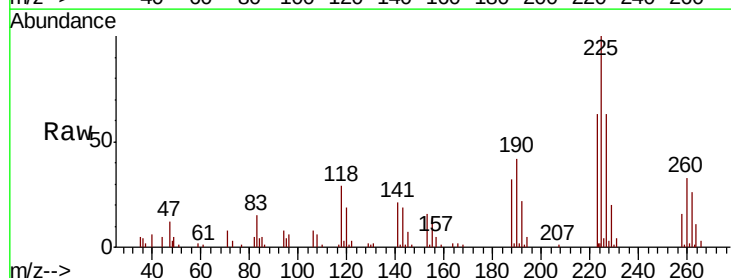
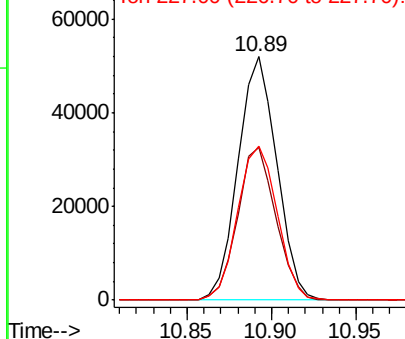
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

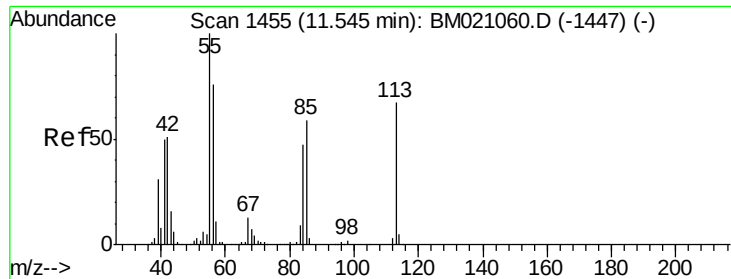


#34
Hexachlorobutadiene
Concen: 6.858 ng
RT: 10.89 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.6	74.4
227	63.4	50.4	75.6

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





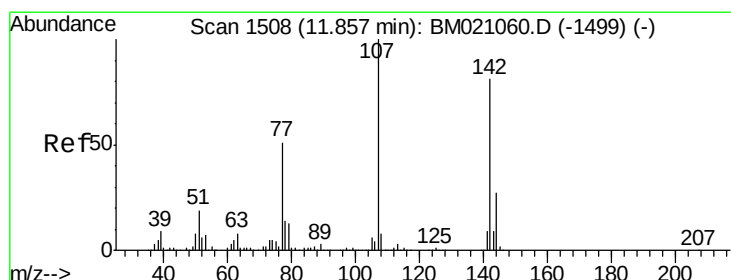
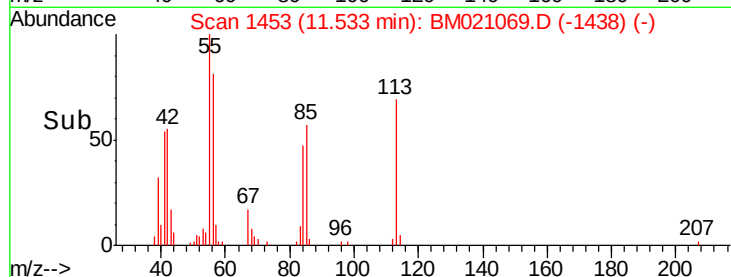
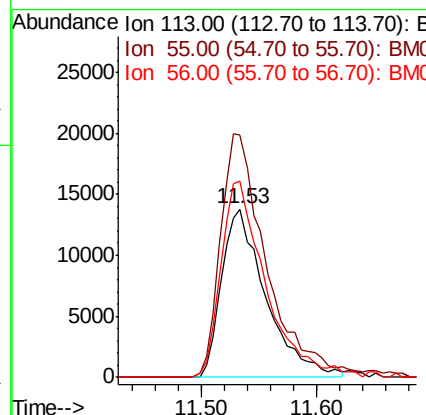
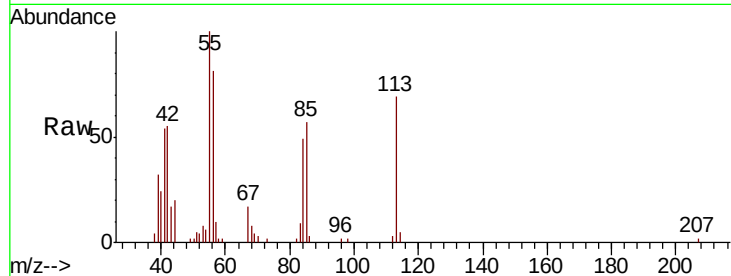
#35
 Caprolactam
 Concen: 7.236 ng
 RT: 11.53 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BM021069.D
 Acq: 21 Jun 2019 00:58

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
113	100		
55	143.9	129.8	169.8
56	116.7	94.3	134.3

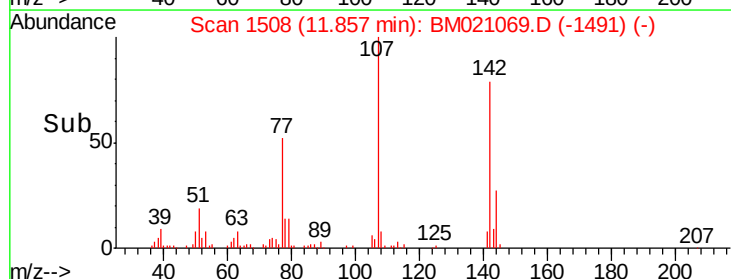
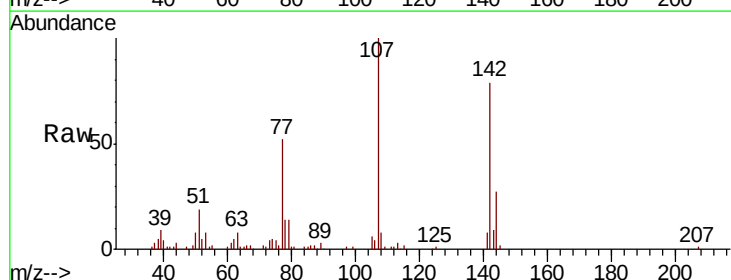
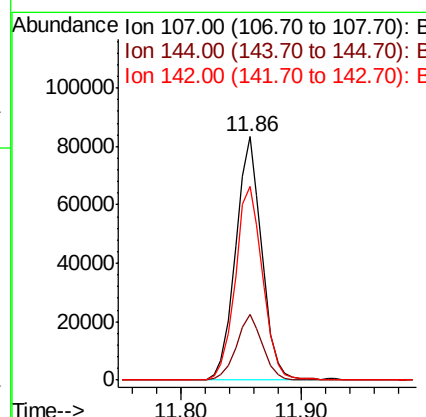
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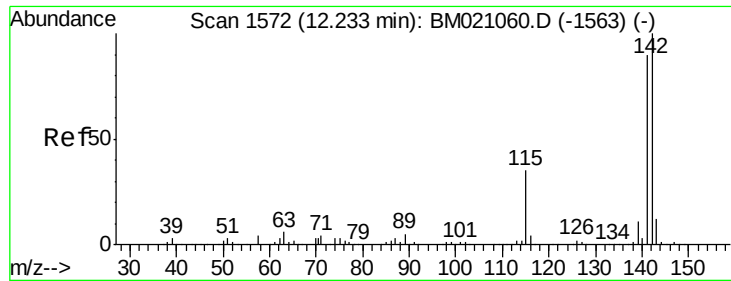
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#36
 4-Chloro-3-methylphenol
 Concen: 7.599 ng
 RT: 11.86 min Scan# 1508
 Delta R.T. -0.00 min
 Lab File: BM021069.D
 Acq: 21 Jun 2019 00:58

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	21.3	31.9
142	79.4	64.9	97.3





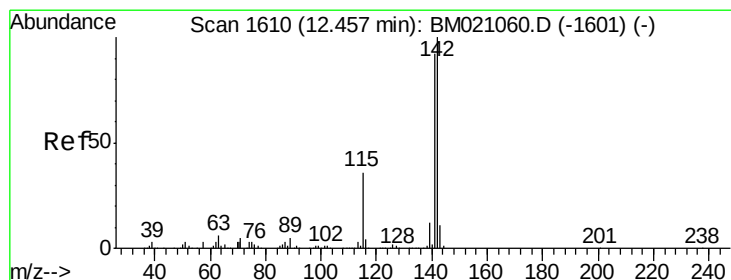
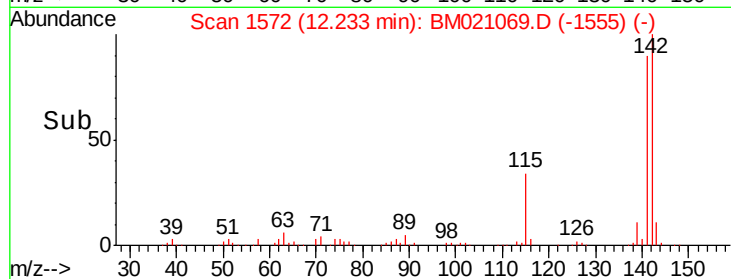
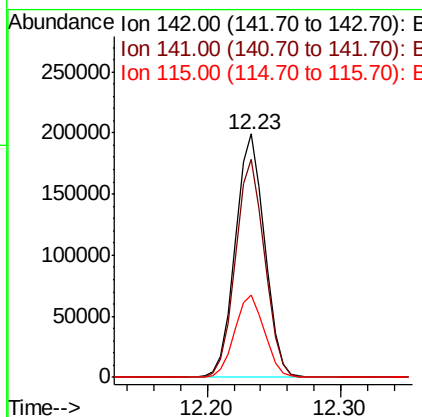
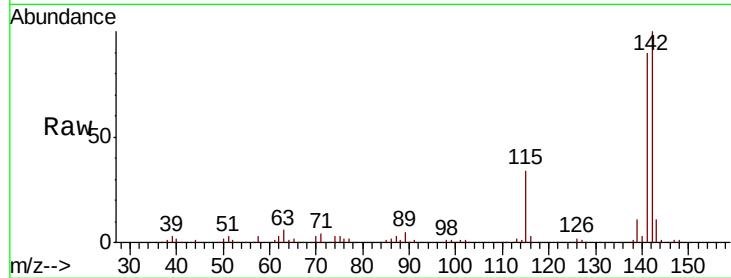
#37
2-Methylnaphthalene
Concen: 8.039 ng
RT: 12.23 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Instrument :
BNA_M
ClientSampleID :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.2	108.2
115	33.8	27.9	41.9

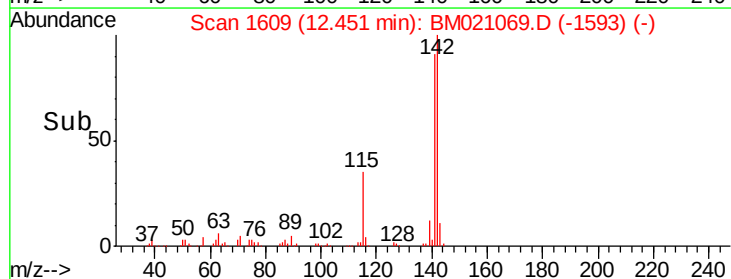
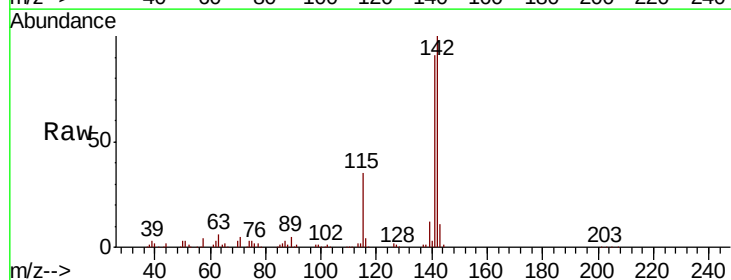
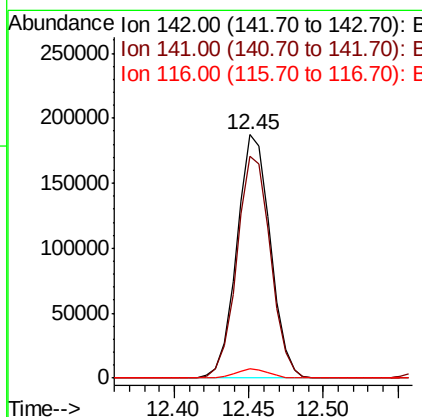
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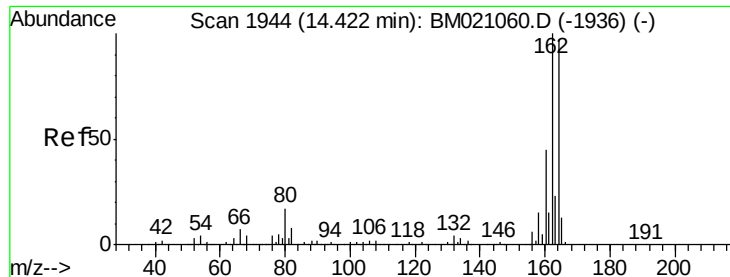
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#38
1-Methylnaphthalene
Concen: 8.111 ng
RT: 12.45 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.9	110.9
116	4.0	3.0	4.6





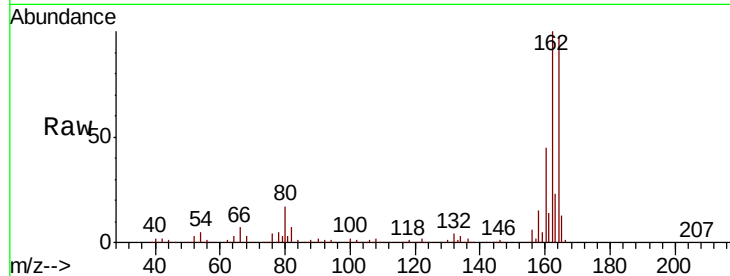
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.1	123.1
160	45.9	37.1	55.7

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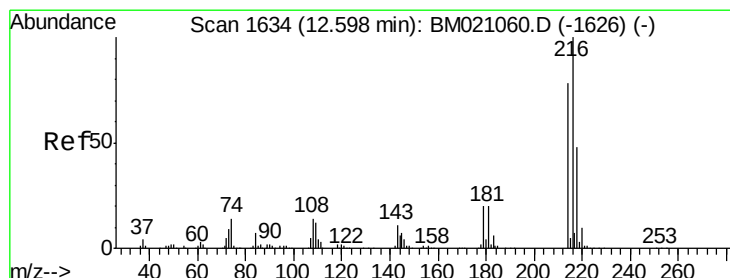
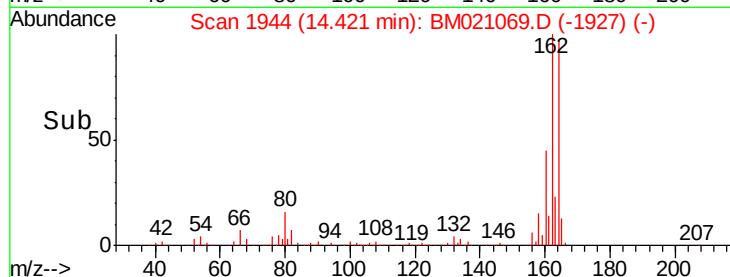
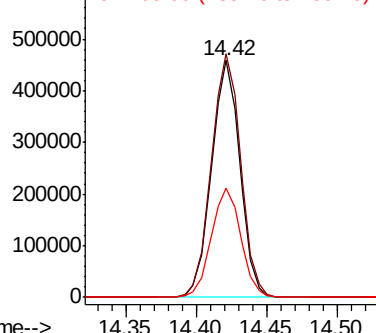


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.499 ng
RT: 12.60 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.6
179	21.3	16.4	24.6
108	15.7	12.5	18.7

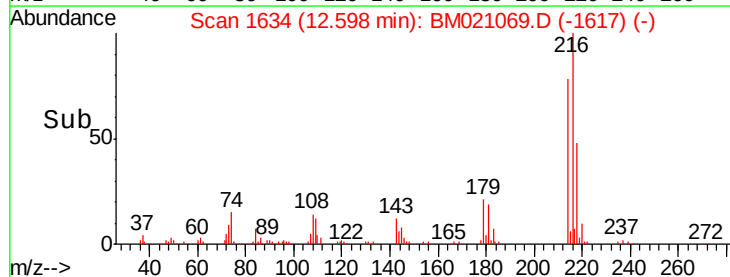
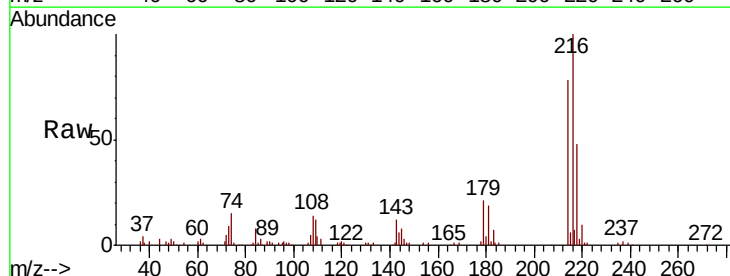
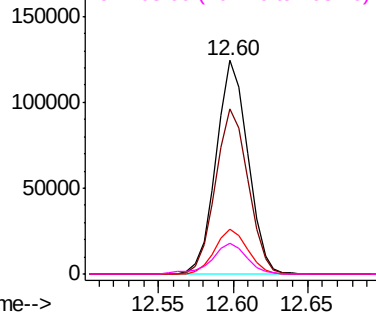
Abundance

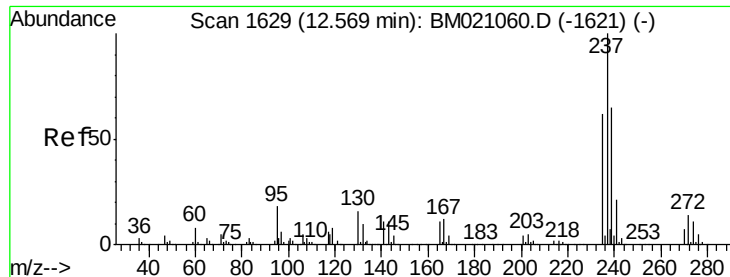
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 6.517 ng

RT: 12.57 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BM021069.D

Acq: 21 Jun 2019 00:58

Instrument :

BNA_M

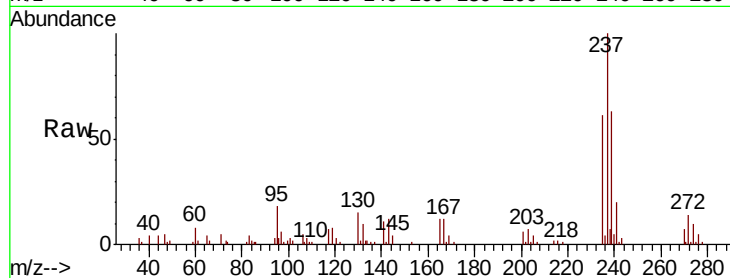
ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

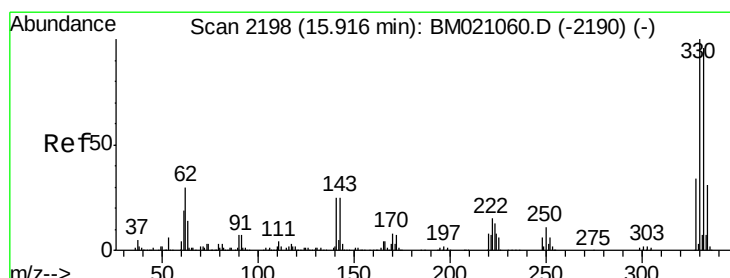
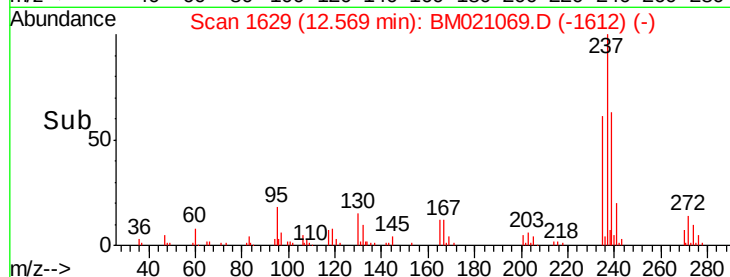
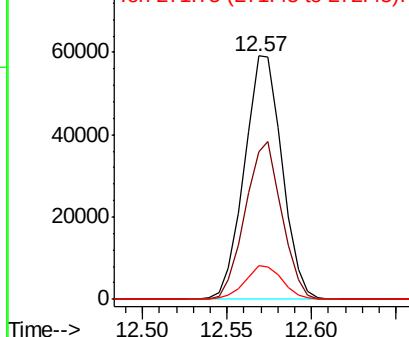
Tot Ion:	237	Resp:	91987
Ion Ratio	Lower	Upper	
237	100		
235	60.8	41.7	81.7
272	13.7	0.0	34.1

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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: 32.429 ng

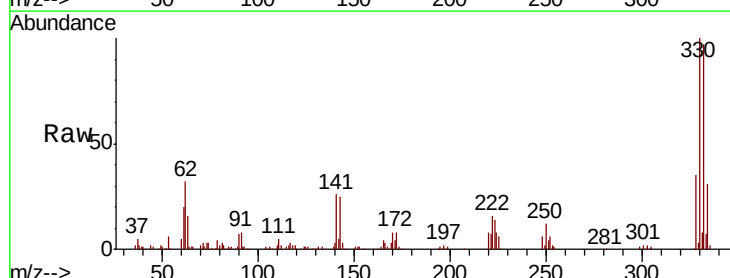
RT: 15.92 min Scan# 2198

Delta R.T. -0.00 min

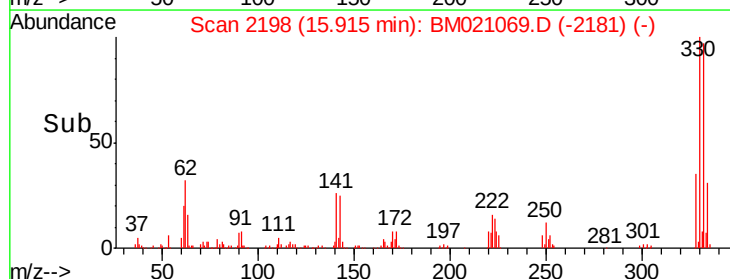
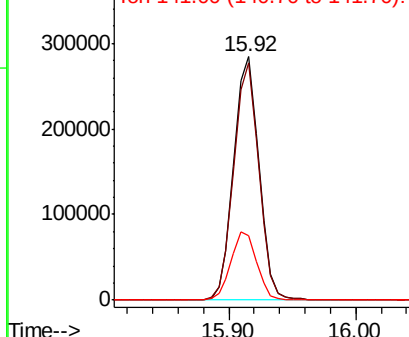
Lab File: BM021069.D

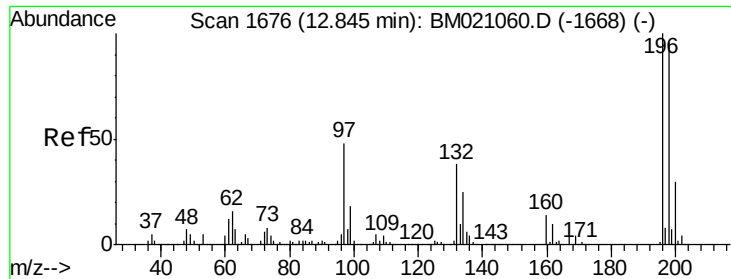
Acq: 21 Jun 2019 00:58

Tgt Ion:	330	Resp:	391440
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.1	115.7
141	28.6	21.8	32.8



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





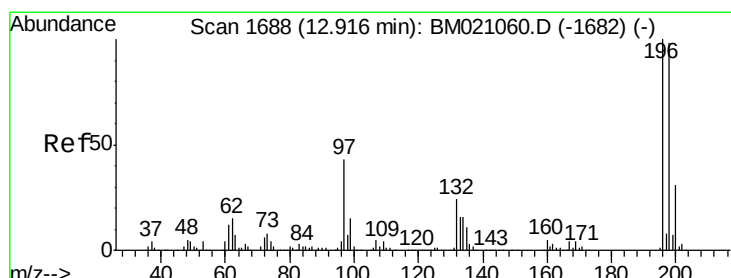
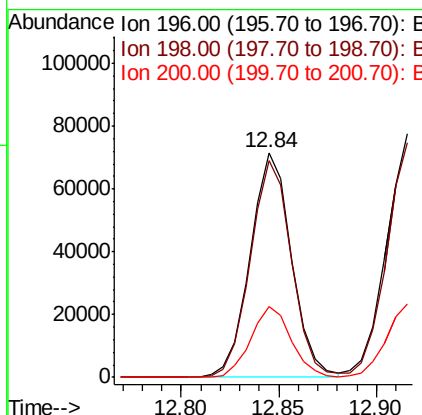
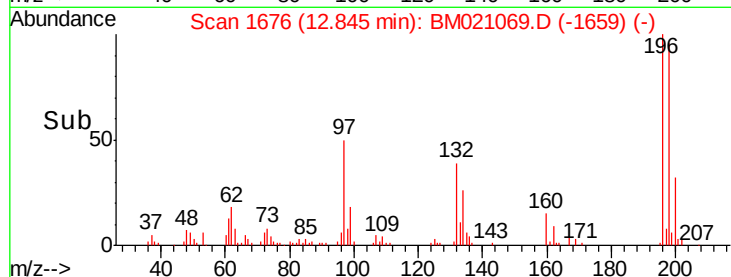
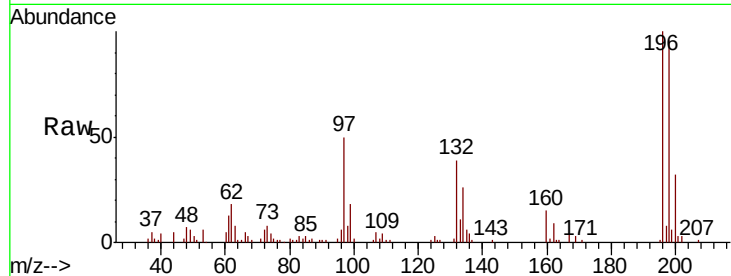
#43
 2,4,6-Trichlorophenol
 Concen: 6.511 ng
 RT: 12.84 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: BM021069.D
 Acq: 21 Jun 2019 00:58

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.7	115.1
200	31.6	24.2	36.4

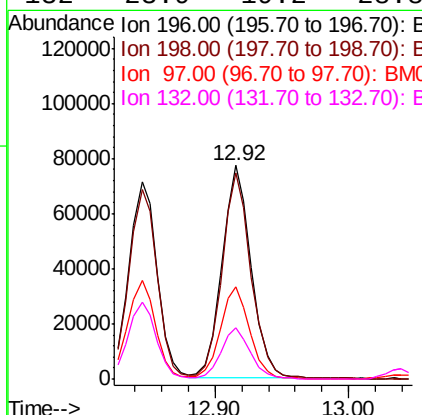
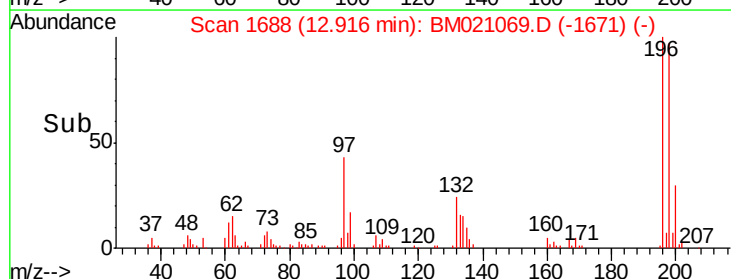
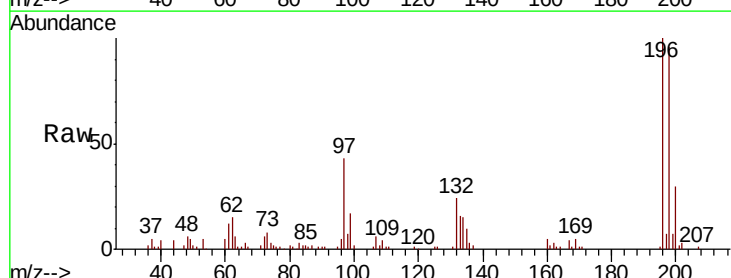
Manual Integrations
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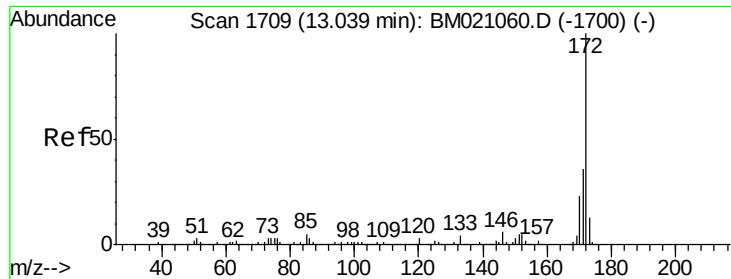
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 7.074 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BM021069.D
 Acq: 21 Jun 2019 00:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	78.2	117.4
97	43.2	34.1	51.1
132	23.9	19.2	28.8





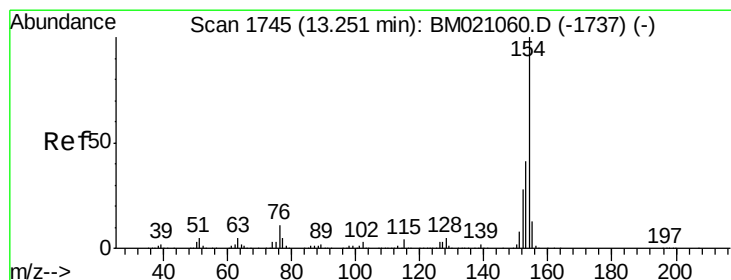
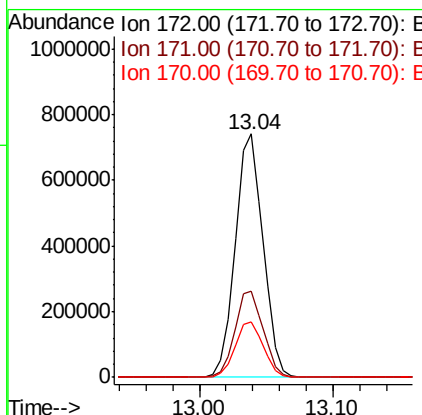
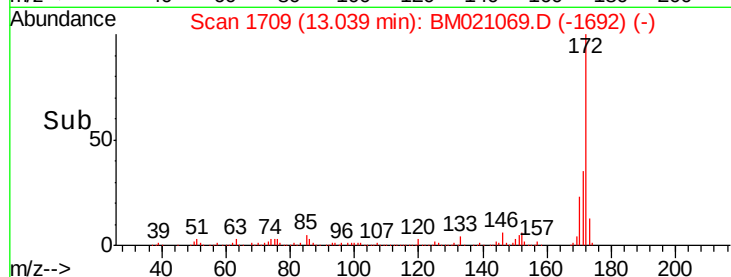
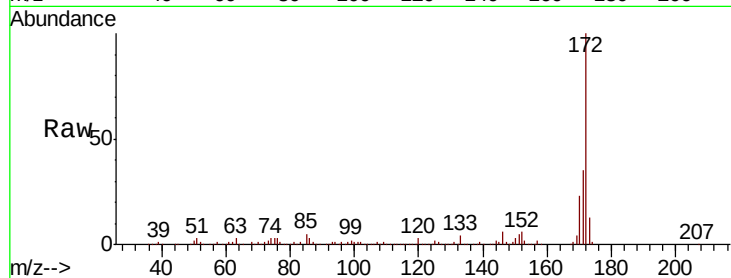
#45
2-Fluorobiphenyl
Concen: 20.406 ng
RT: 13.04 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	22.7	18.7	28.1

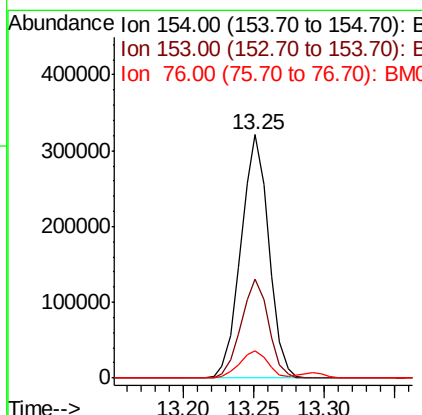
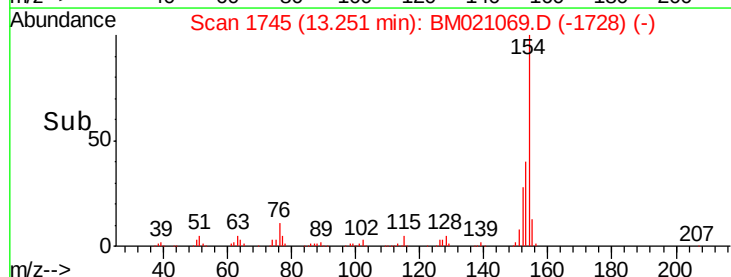
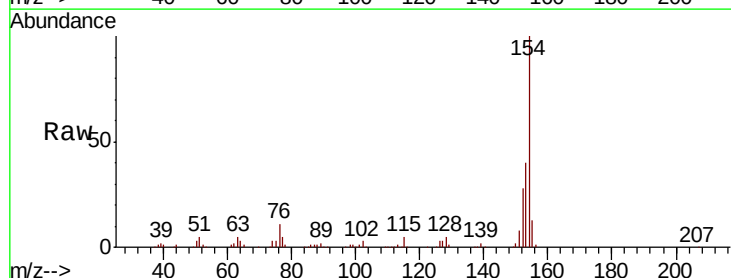
Manual Integrations
APPROVED

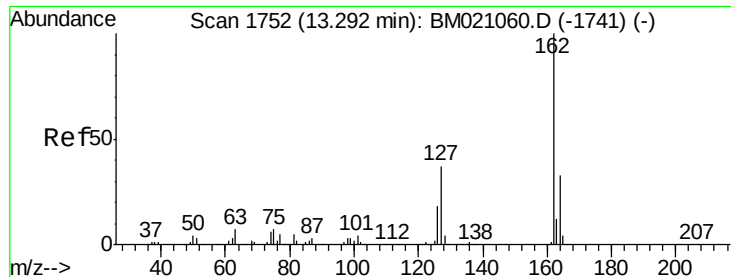
mohammad
6/21/2019 10:02:10 PM



#46
1,1'-Biphenyl
Concen: 8.023 ng
RT: 13.25 min Scan# 1745
Delta R.T. -0.00 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.3	61.3
76	11.4	0.0	30.9





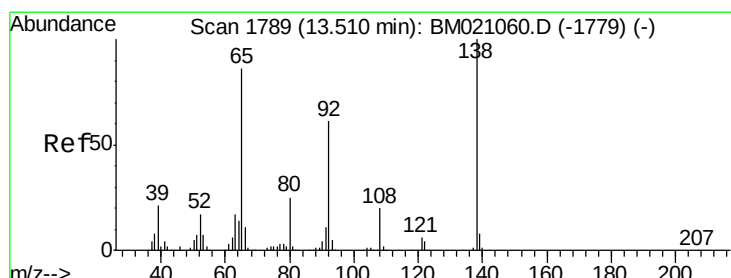
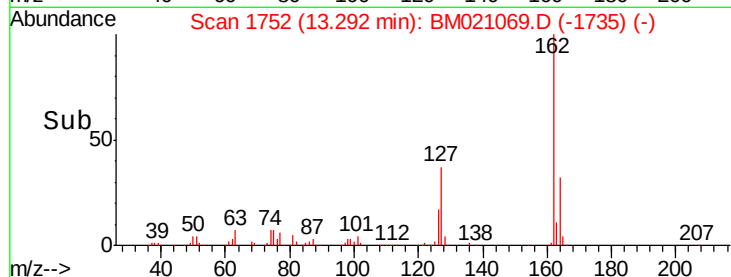
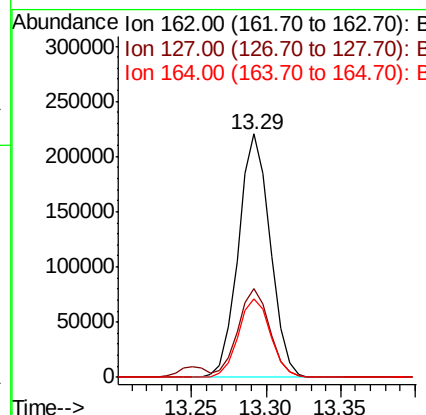
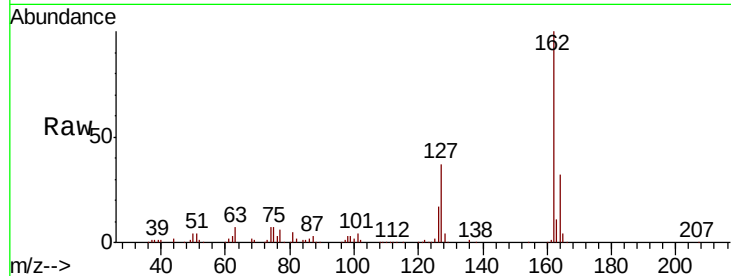
#47
2-Chloronaphthalene
Concen: 7.297 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.6	29.4	44.2
164	32.1	26.5	39.7

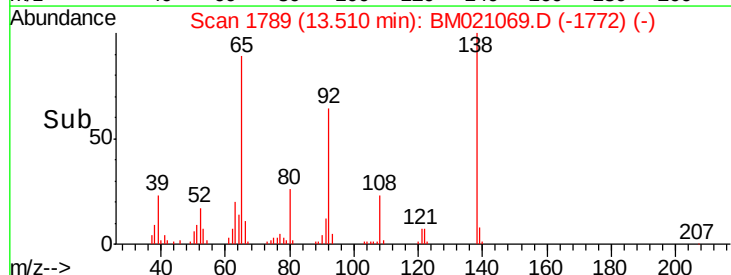
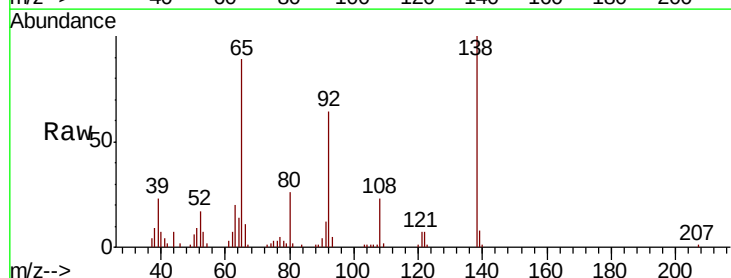
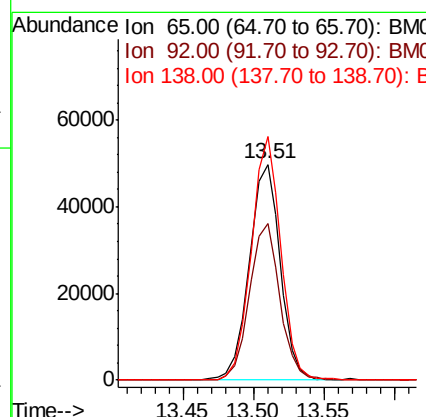
Manual Integrations
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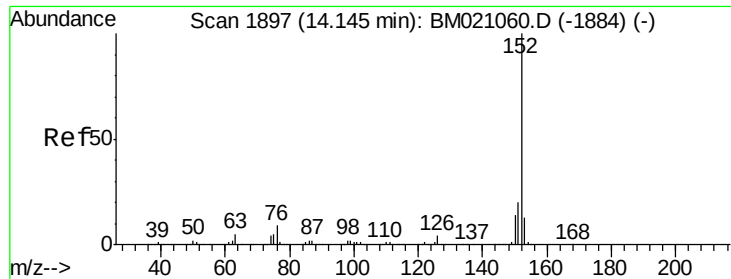
mohammad
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#48
2-Nitroaniline
Concen: 6.264 ng
RT: 13.51 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.6	56.3	84.5
138	112.9	92.6	139.0





#49

Acenaphthylene

Concen: 7.672 ng

RT: 14.14 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BM021069.D

Acq: 21 Jun 2019 00:58

Instrument :

BNA_M

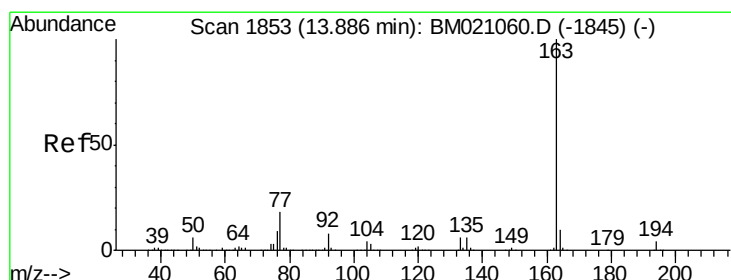
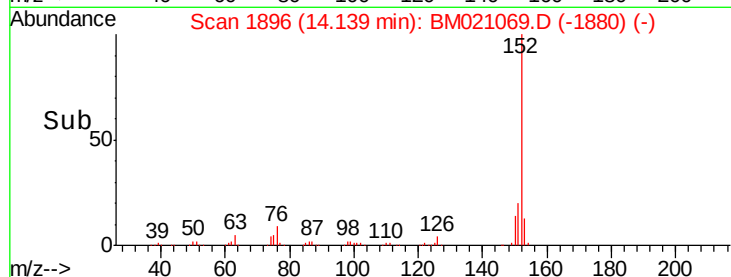
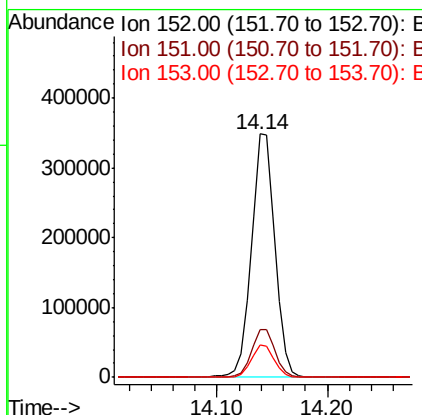
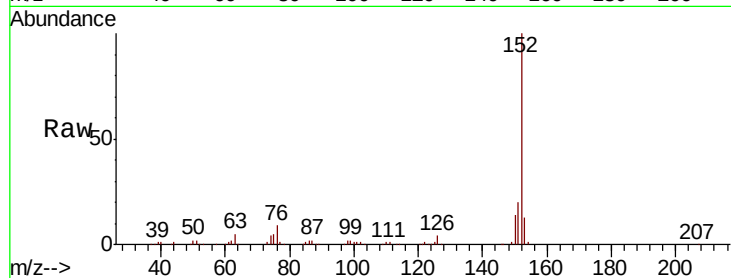
ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

Tot Ion:	152	Resp:	522037
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.1	24.1
153	13.4	10.6	16.0

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#50

Dimethylphthalate

Concen: 7.663 ng

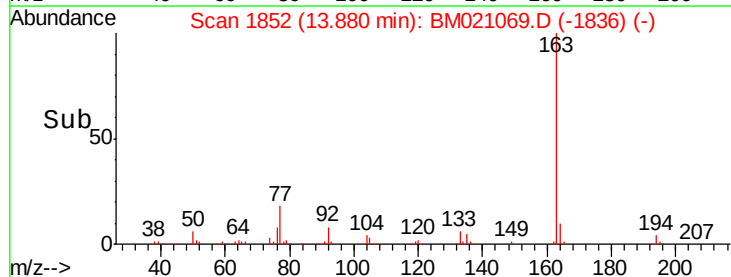
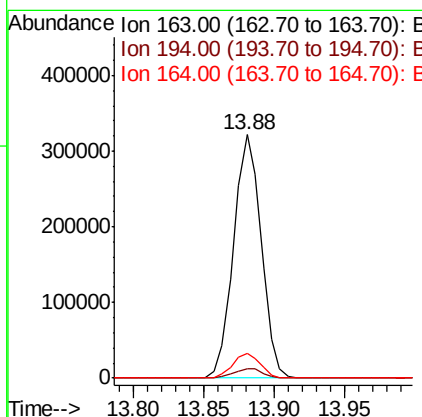
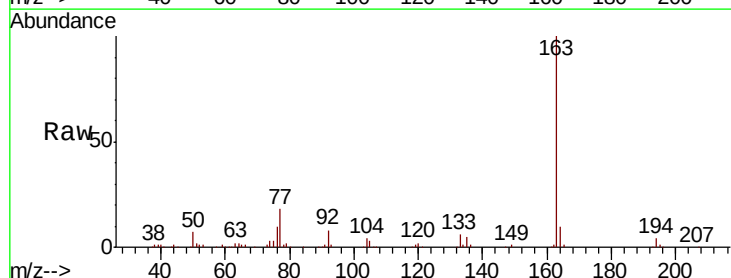
RT: 13.88 min Scan# 1852

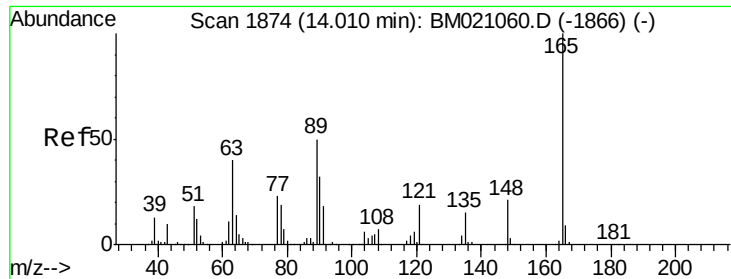
Delta R.T. -0.01 min

Lab File: BM021069.D

Acq: 21 Jun 2019 00:58

Tgt Ion:	163	Resp:	438266
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.4	5.2
164	10.2	8.2	12.2





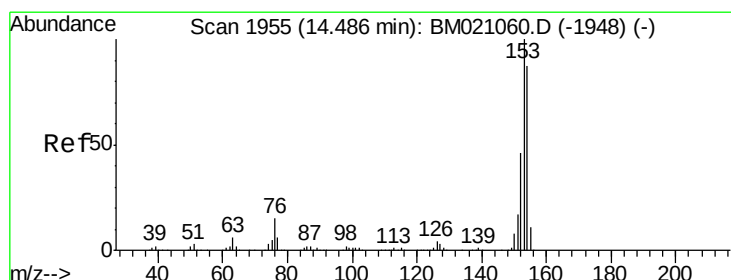
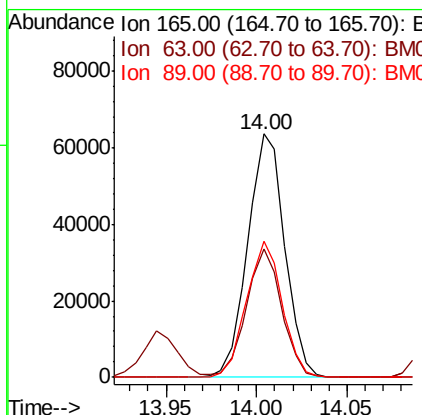
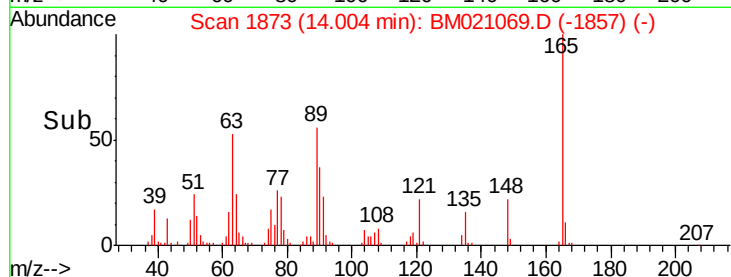
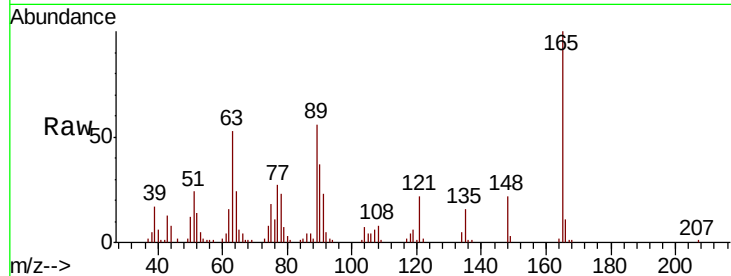
#51
2,6-Dinitrotoluene
Concen: 7.331 ng
RT: 14.00 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.5	37.8	56.6
89	55.7	39.7	59.5

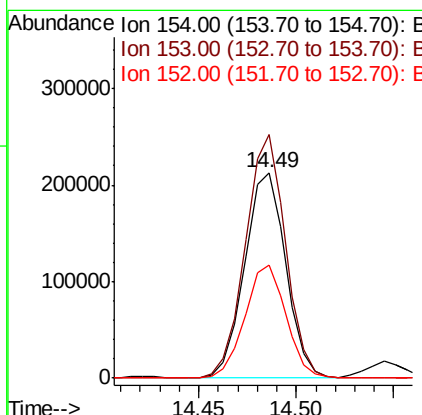
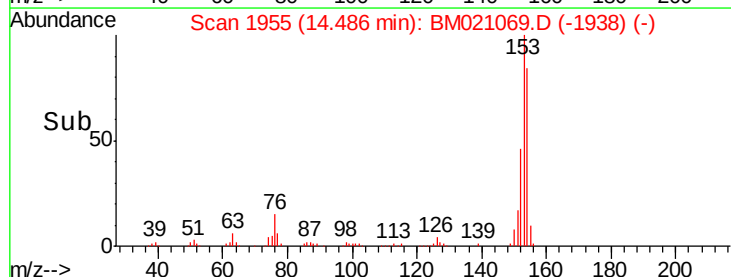
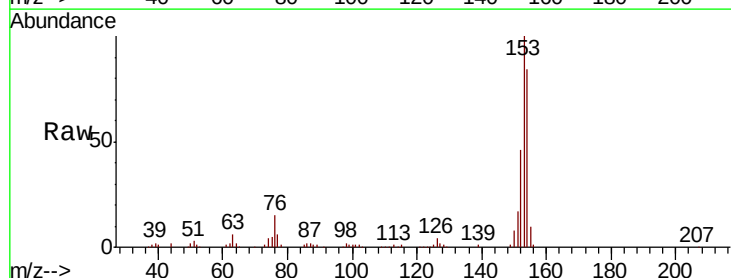
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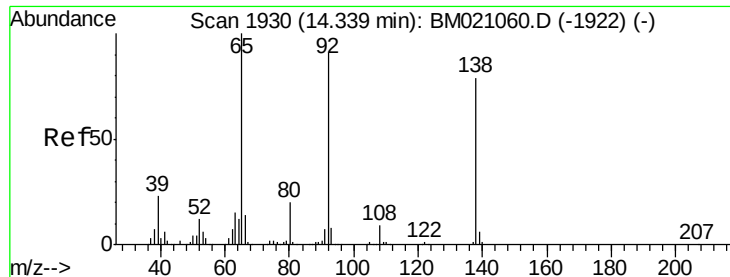
mohammad
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#52
Acenaphthene
Concen: 7.563 ng
RT: 14.49 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	118.5	91.5	137.3
152	54.8	42.3	63.5





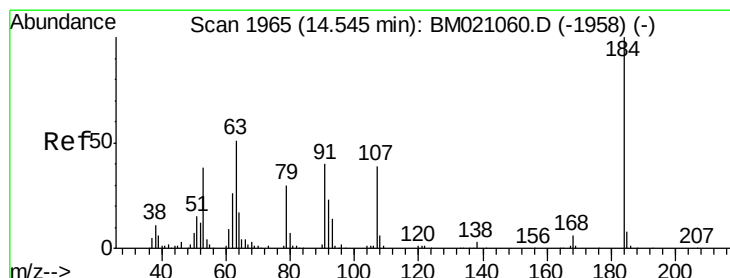
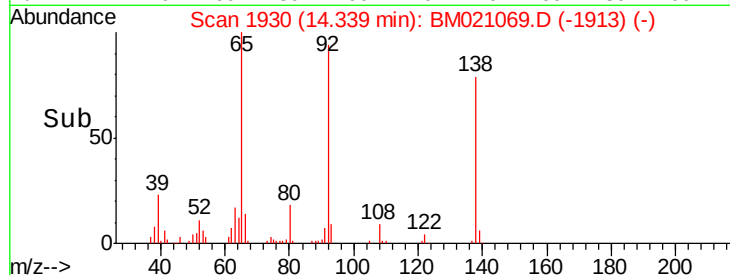
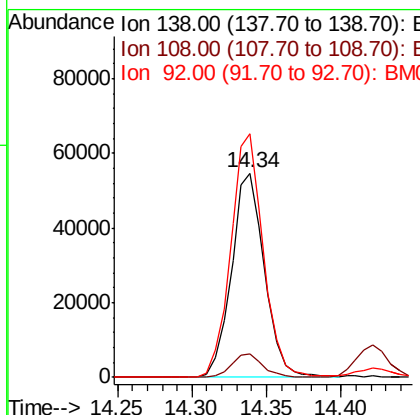
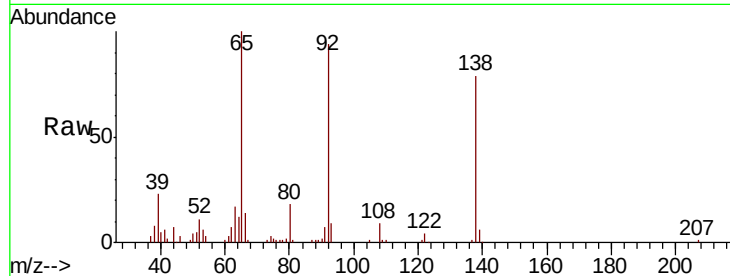
#53
3-Nitroaniline
Concen: 6.686 ng
RT: 14.34 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.0	13.4
92	119.3	92.2	138.2

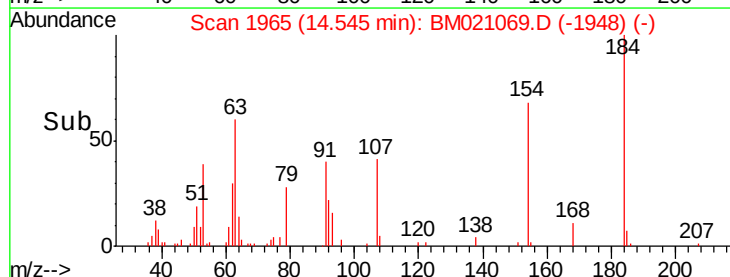
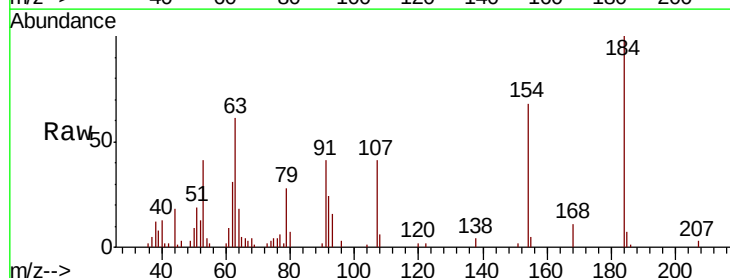
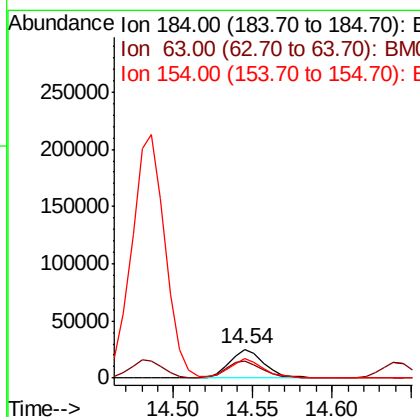
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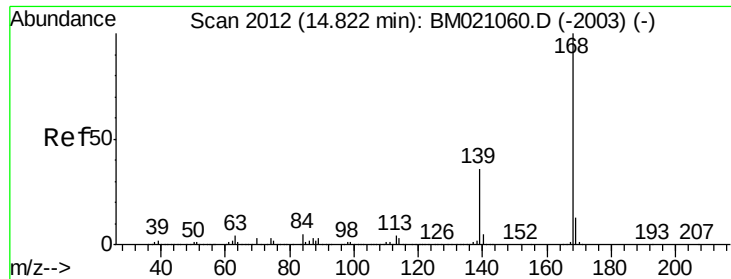
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#54
2,4-Dinitrophenol
Concen: 5.732 ng
RT: 14.54 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.8	45.5	68.3
154	68.0	50.6	76.0





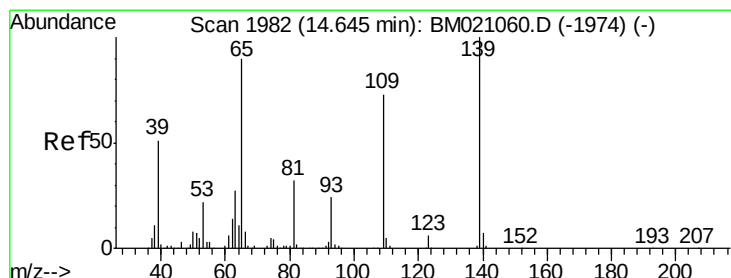
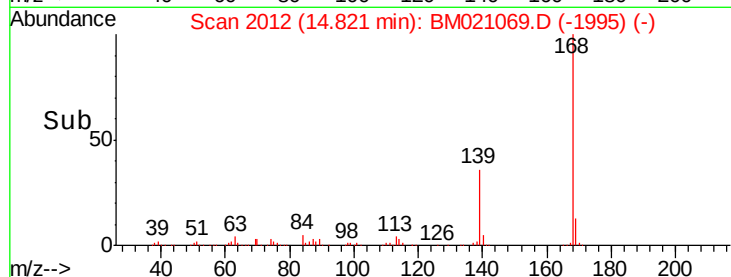
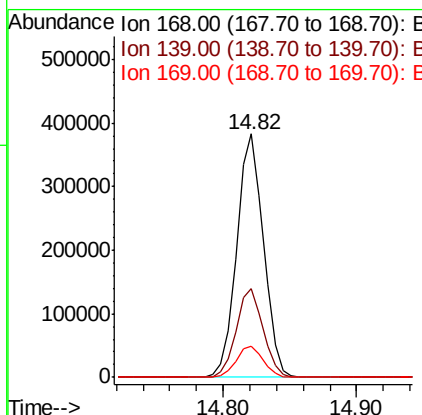
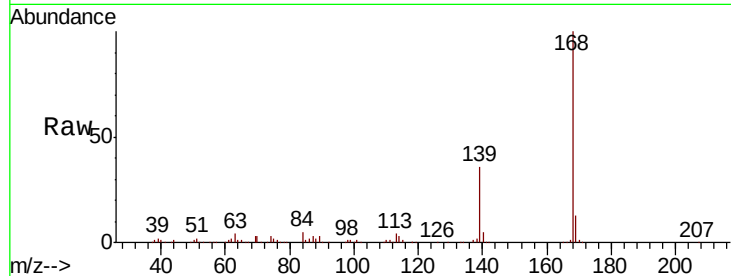
#55
Dibenzenofuran
Concen: 7.891 ng
RT: 14.82 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.4	28.4	42.6
169	13.0	10.6	16.0

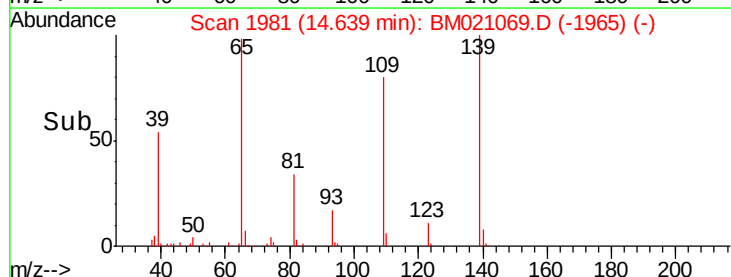
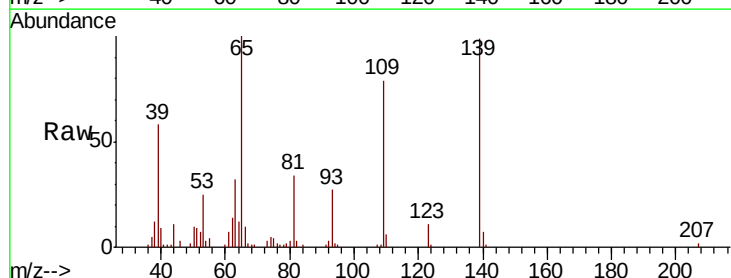
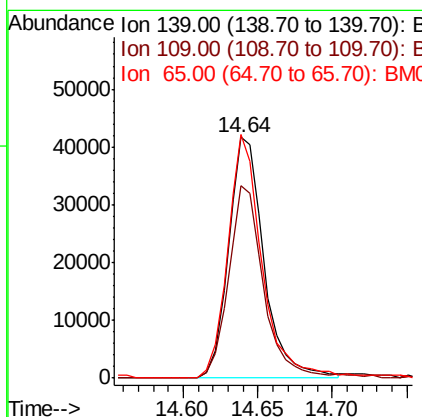
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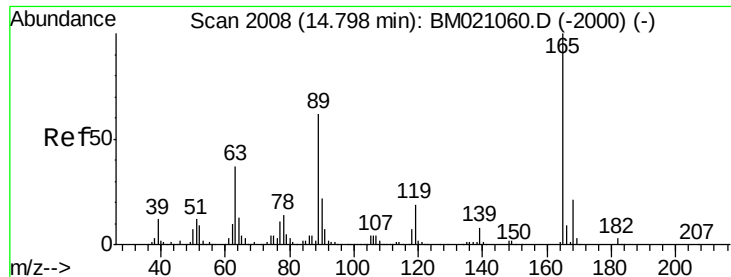
mohammad
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#56
4-Nitrophenol
Concen: 7.205 ng
RT: 14.64 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.0	53.3	93.3
65	101.2	70.3	110.3





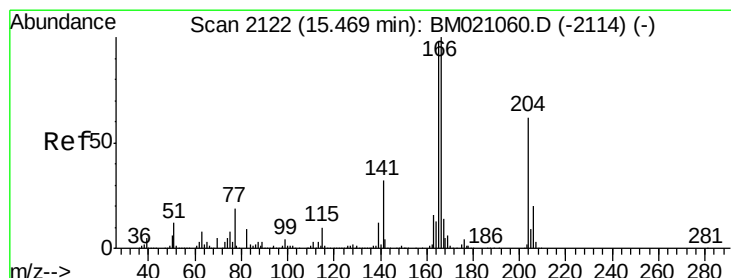
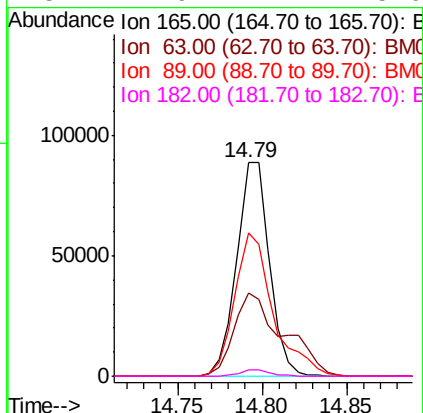
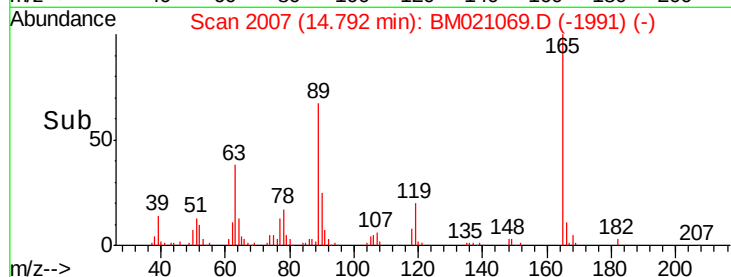
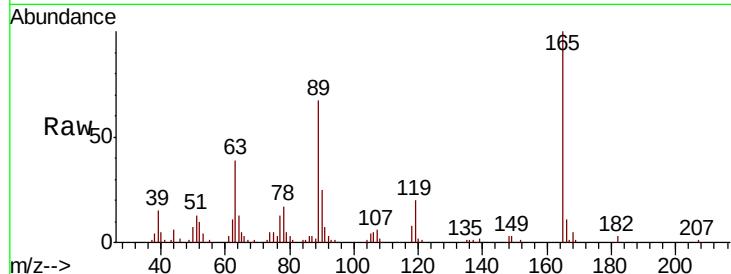
#57
2,4-Dinitrotoluene
Concen: 7.092 ng
RT: 14.79 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
165	100	120492		
63	39.1	29.6	44.4	
89	67.3	49.5	74.3	
182	2.9	2.4	3.6	

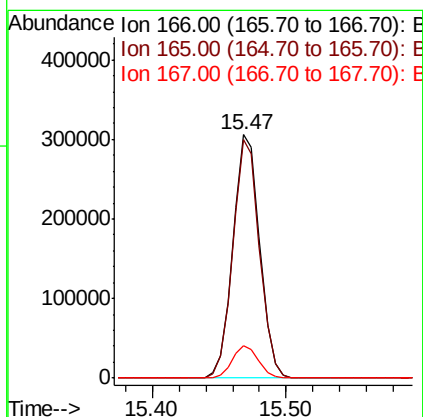
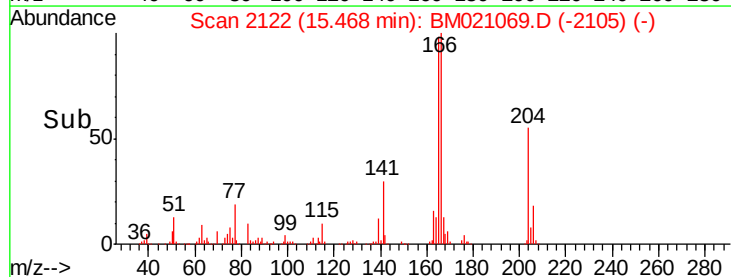
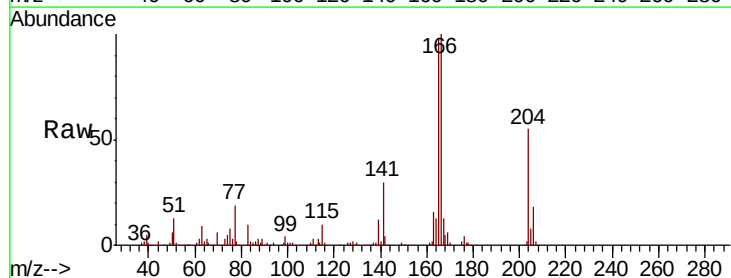
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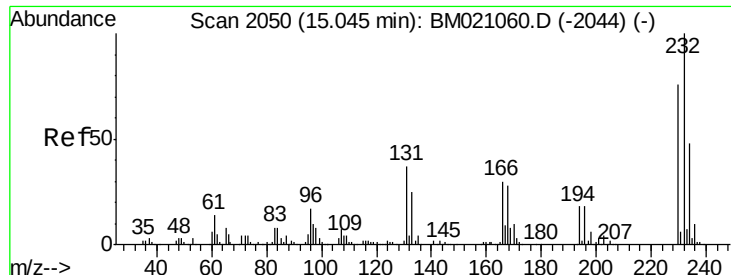
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#58
Fluorene
Concen: 7.807 ng
RT: 15.47 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	427208		
165	98.2	78.6	117.8	
167	13.3	10.9	16.3	





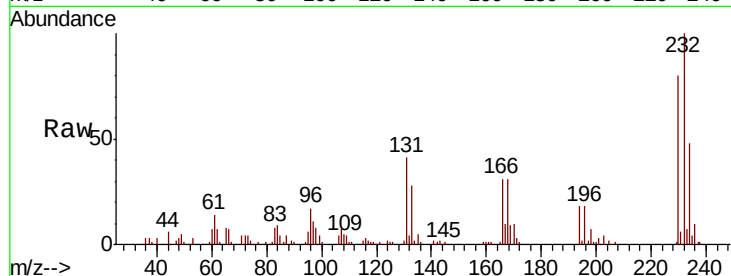
#59
2,3,4,6-Tetrachlorophenol
Concen: 7.531 ng
RT: 15.04 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
232	100	120059		
131	41.2		30.6	46.0
130	1.9		1.7	2.5
166	30.5		23.4	35.0

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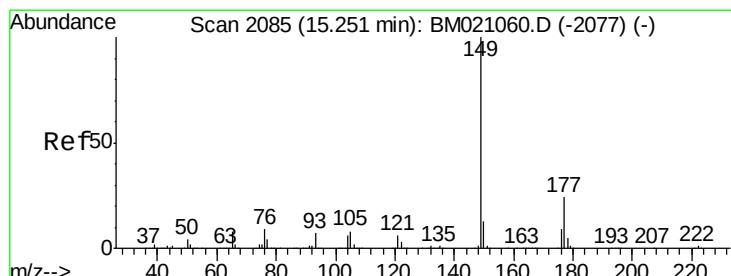
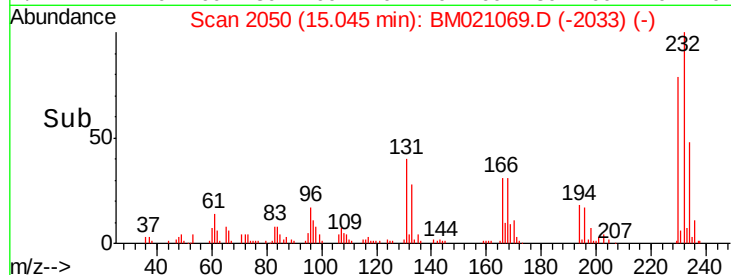
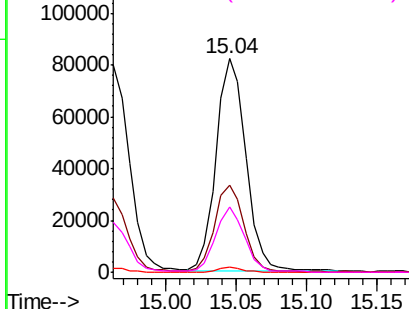
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

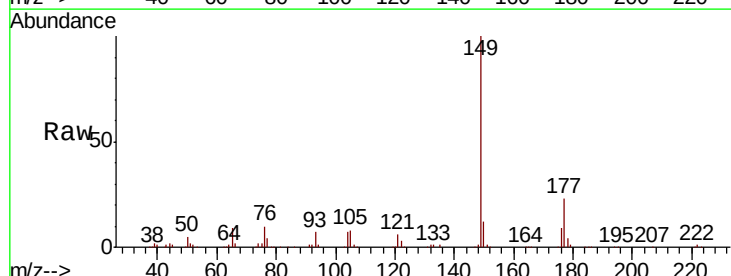
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 7.830 ng
RT: 15.24 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	441034		
177	22.7		19.1	28.7
150	12.4		10.1	15.1

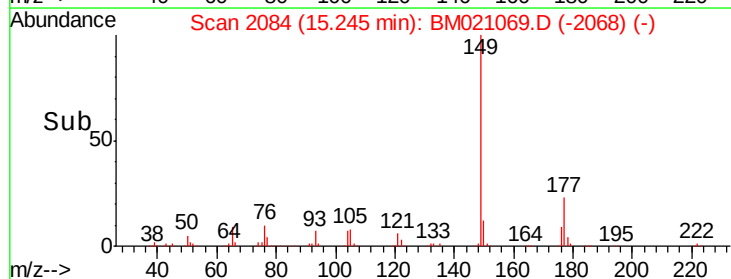
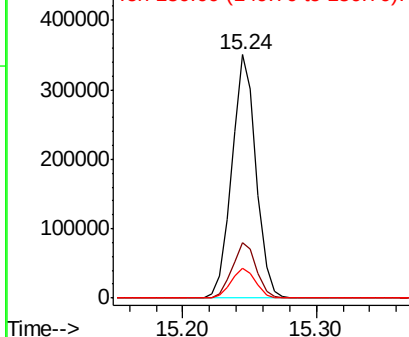


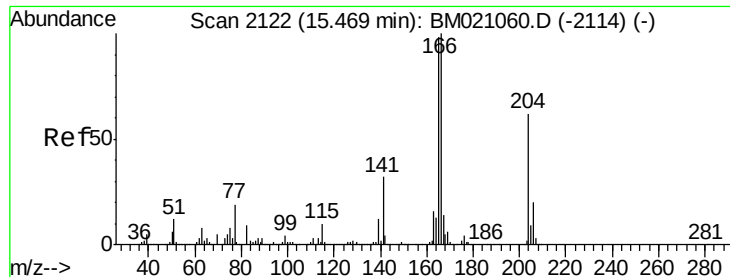
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





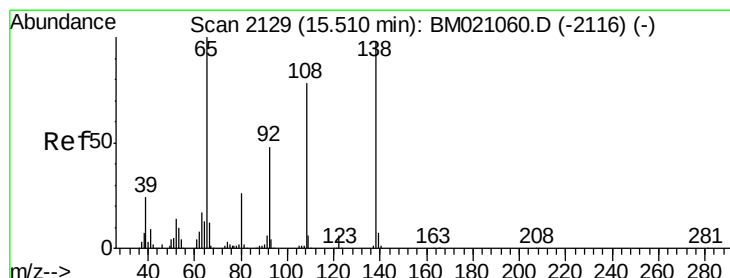
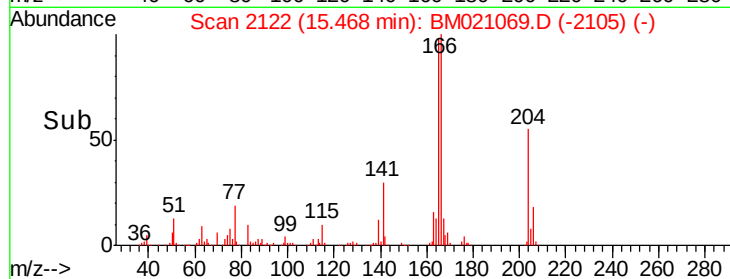
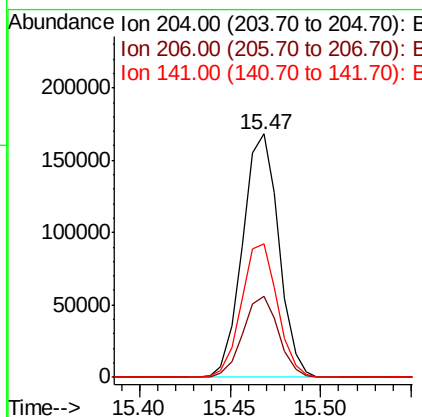
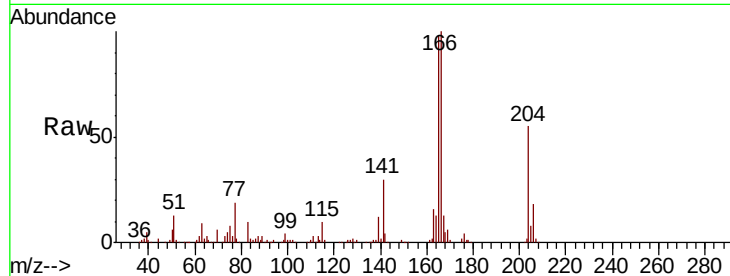
#61
4-Chlorophenyl-phenylether
Concen: 7.543 ng
RT: 15.47 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.1	39.1
141	55.0	40.7	61.1

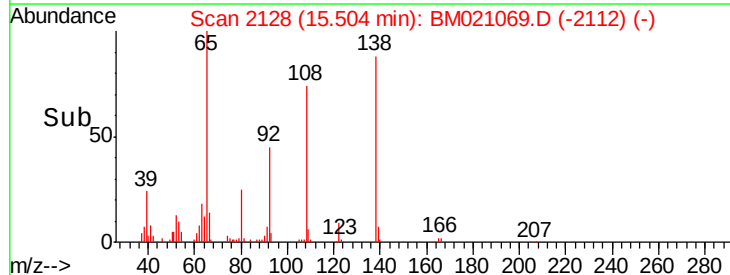
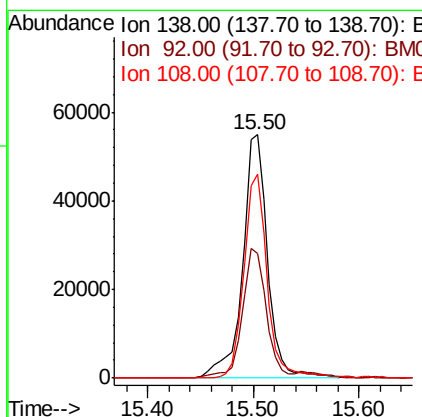
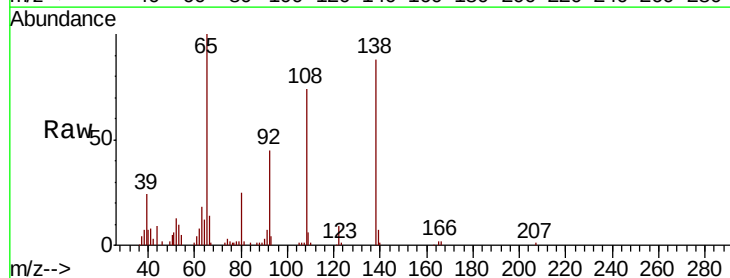
Manual Integrations
APPROVED

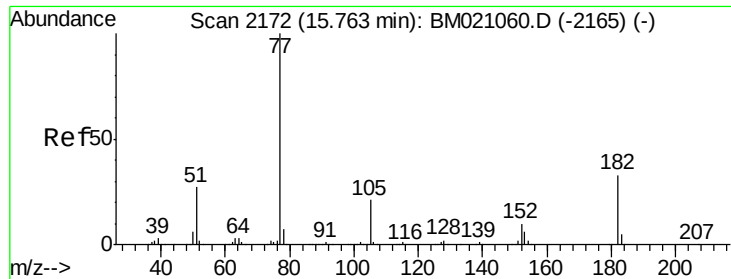
mohammad
6/21/2019 10:02:10 PM



#62
4-Nitroaniline
Concen: 6.842 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.3	29.1	69.1
108	83.6	59.2	99.2





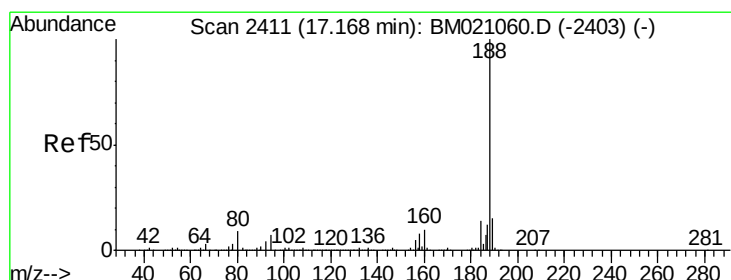
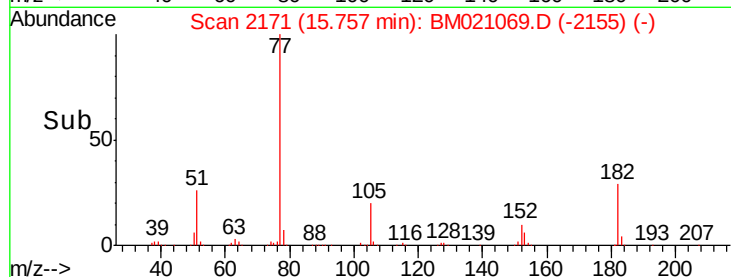
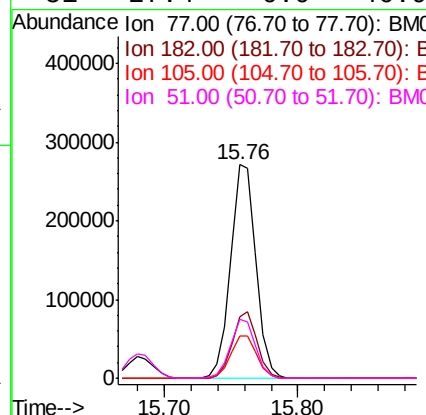
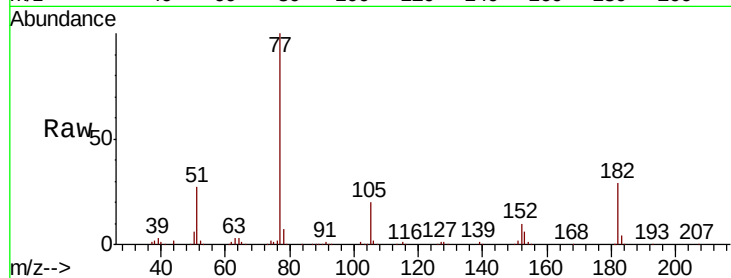
#63
Azobenzene
Concen: 7.831 ng
RT: 15.76 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.7	12.6	52.6	
105	19.8	1.1	41.1	
51	27.4	6.9	46.9	

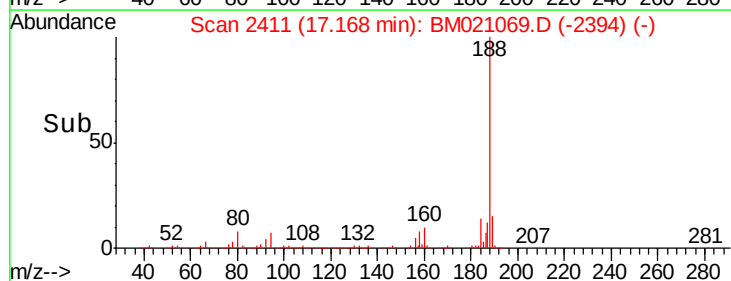
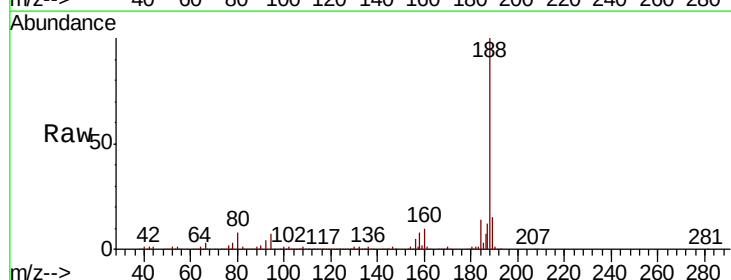
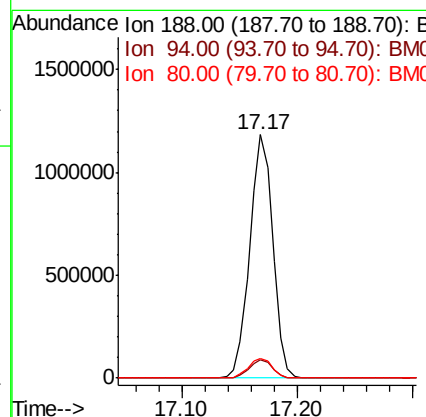
Manual Integrations
APPROVED

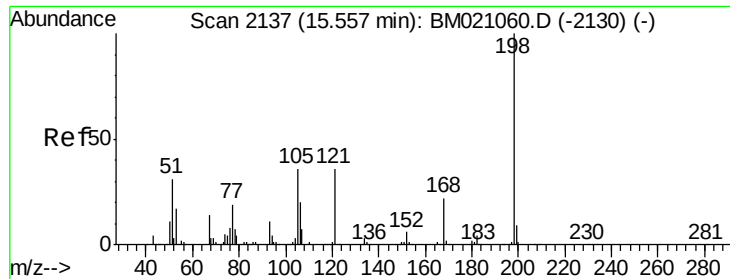
mohammad
6/21/2019 10:02:10 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.4	5.8	8.8	
80	8.2	6.9	10.3	





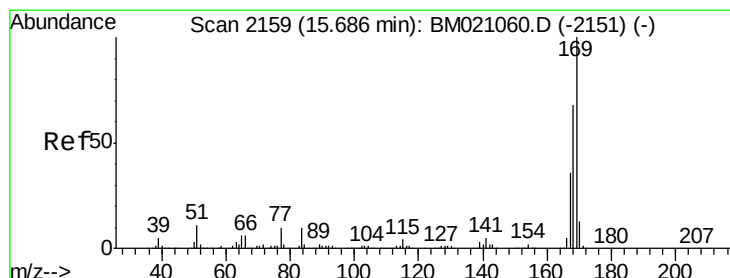
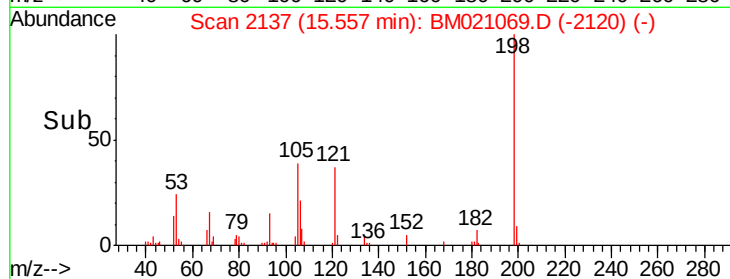
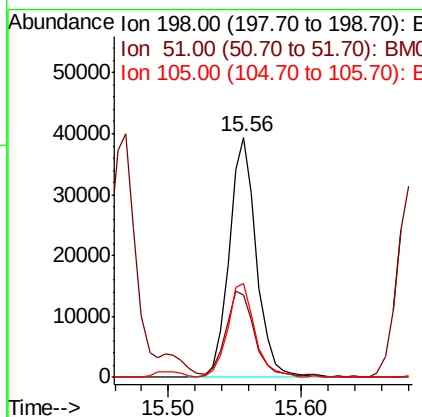
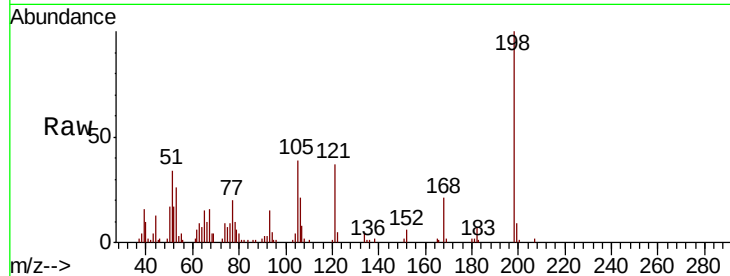
#65
4,6-Dinitro-2-methylphenol
Concen: 5.518 ng
RT: 15.56 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
198	100	55870		
51	34.3		15.3	55.3
105	39.0		16.8	56.8

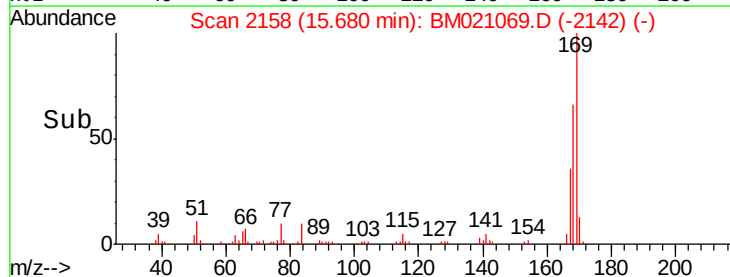
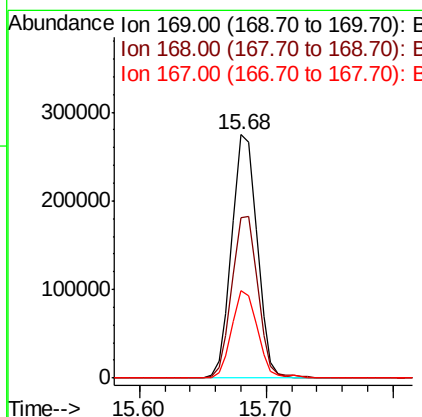
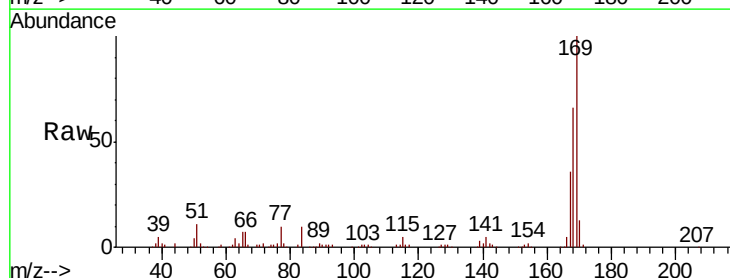
Manual Integrations
APPROVED

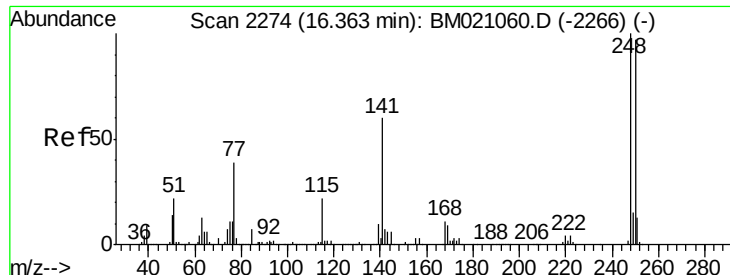
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 7.370 ng
RT: 15.68 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	381485		
168	65.9		54.5	81.7
167	35.9		29.0	43.6





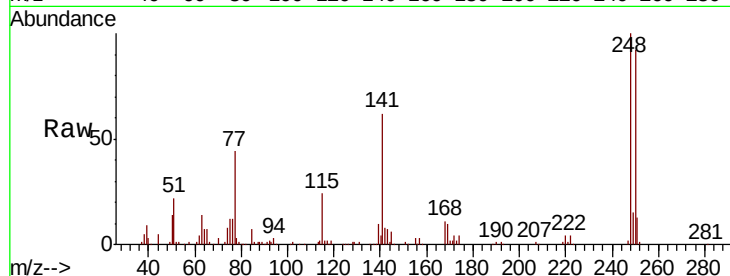
#67
 4-Bromophenyl-phenylether
 Concen: 6.792 ng
 RT: 16.36 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: BM021069.D
 Acq: 21 Jun 2019 00:58

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-SOIL-03-QT2-2019

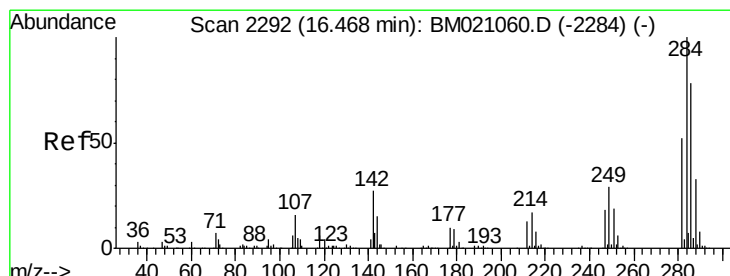
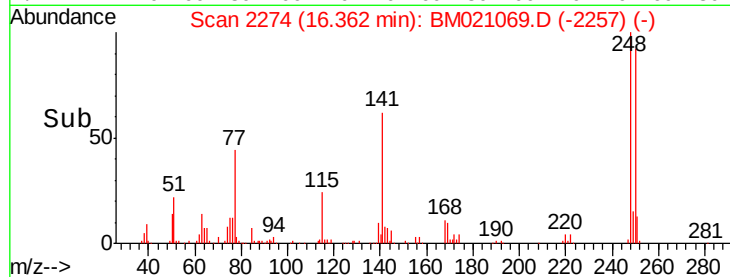
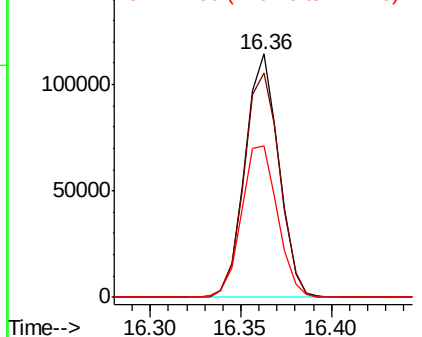
Tot Ion:	248	Resp:	148488
Ion Ratio	Lower	Upper	
248	100		
250	92.4	77.5	116.3
141	62.1	47.8	71.6

Manual Integrations
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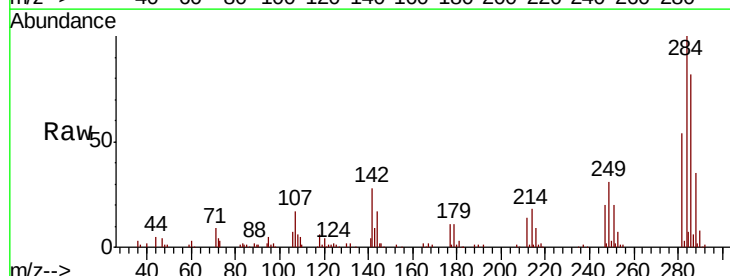


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

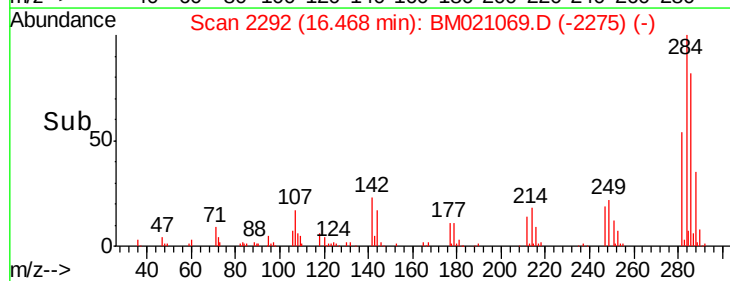
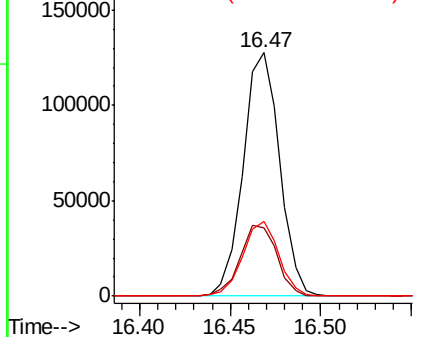


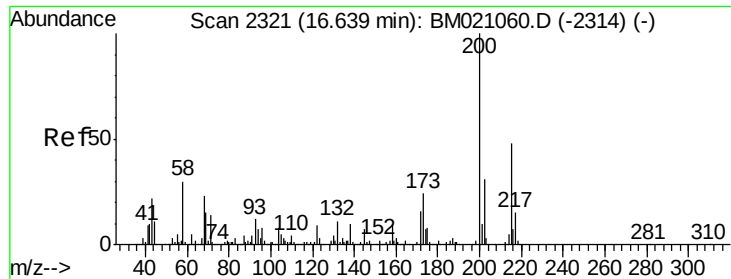
#68
 Hexachlorobenzene
 Concen: 6.813 ng
 RT: 16.47 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BM021069.D
 Acq: 21 Jun 2019 00:58

Tgt Ion:	284	Resp:	177936
Ion Ratio	Lower	Upper	
284	100		
142	27.8	21.2	31.8
249	30.6	23.4	35.0



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





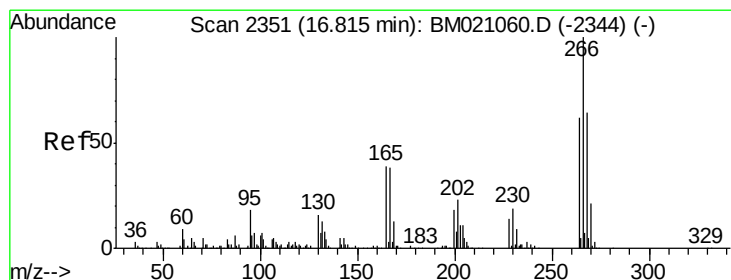
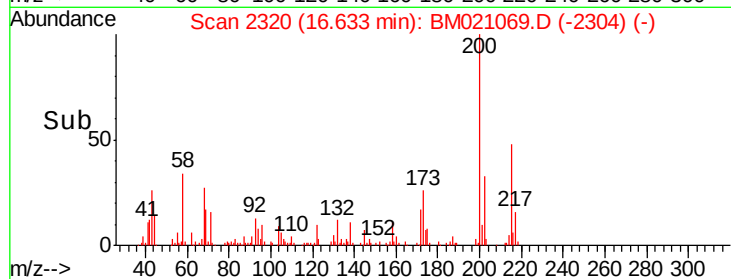
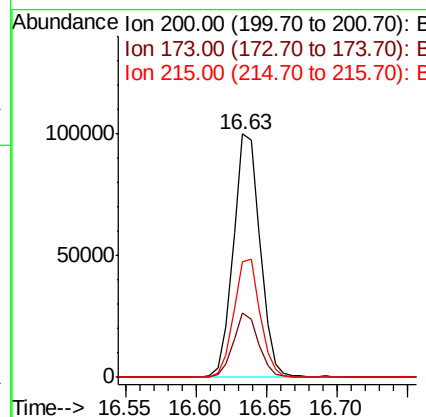
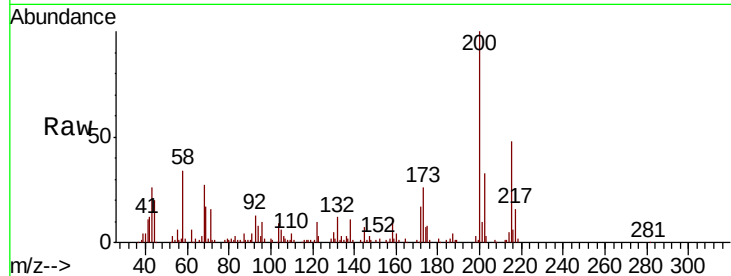
#69
Atrazine
Concen: 7.810 ng
RT: 16.63 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
200	100	131457		
173	26.3	4.3	44.3	
215	47.6	28.2	68.2	

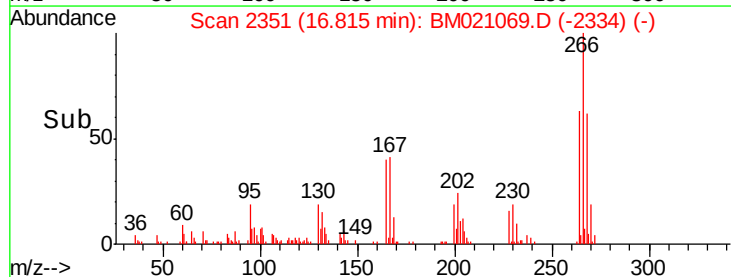
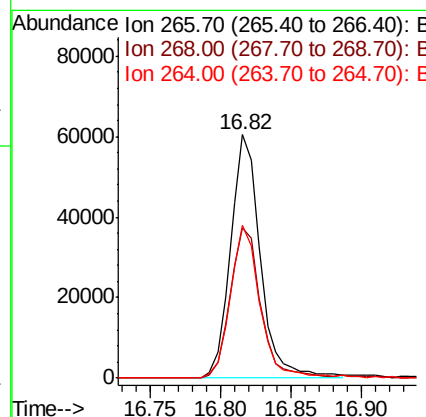
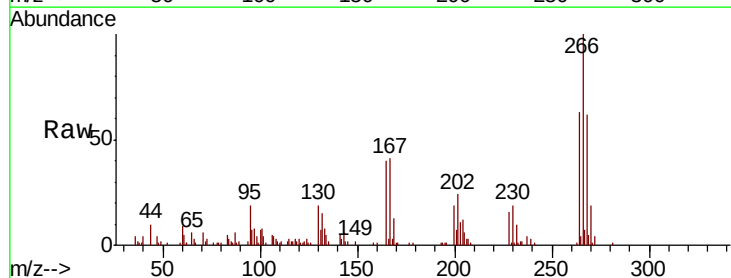
Manual Integrations
APPROVED

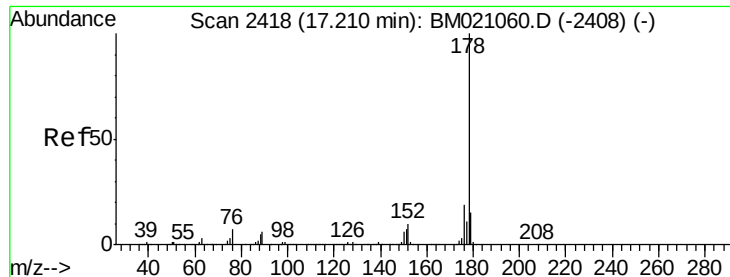
mohammad
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#70
Pentachlorophenol
Concen: 6.320 ng
RT: 16.82 min Scan# 2351
Delta R.T. -0.00 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	88934		
268	61.5	51.0	76.4	
264	62.6	49.9	74.9	





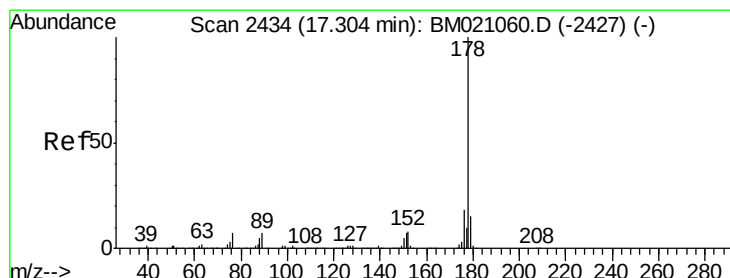
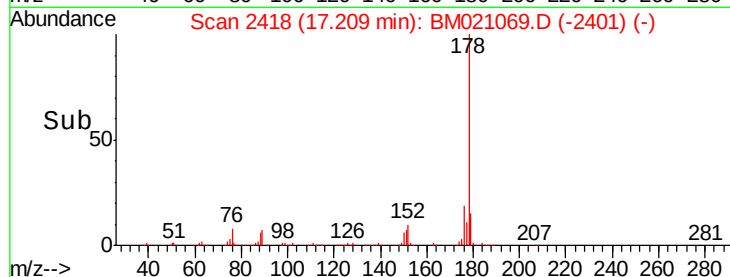
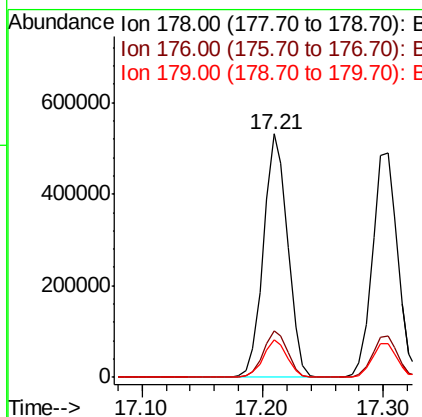
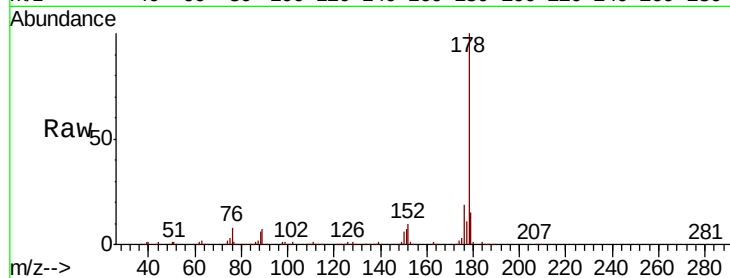
#71
Phenanthrene
Concen: 7.783 ng
RT: 17.21 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.2	12.2	18.4

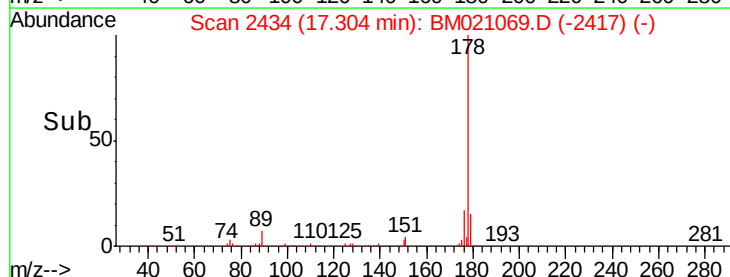
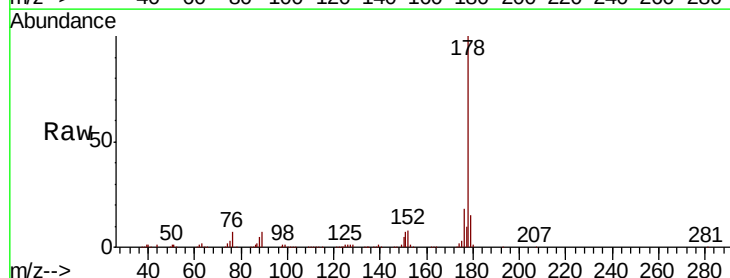
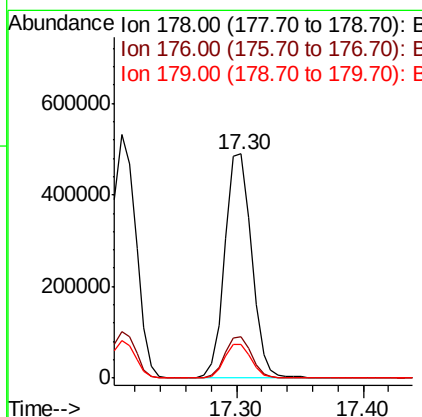
Manual Integrations
APPROVED

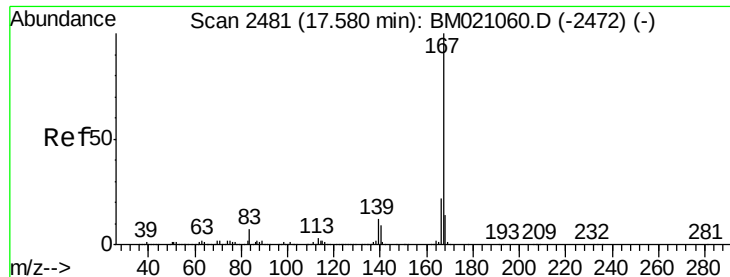
mohammad
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#72
Anthracene
Concen: 7.631 ng
RT: 17.30 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	15.0	12.2	18.2





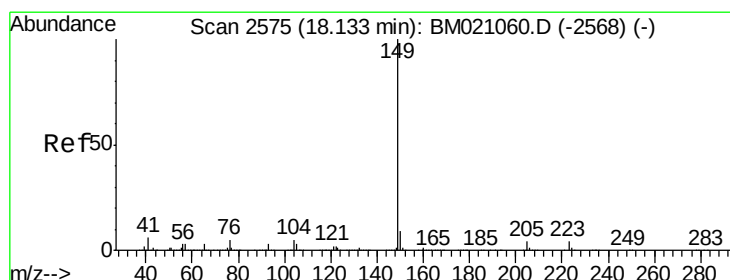
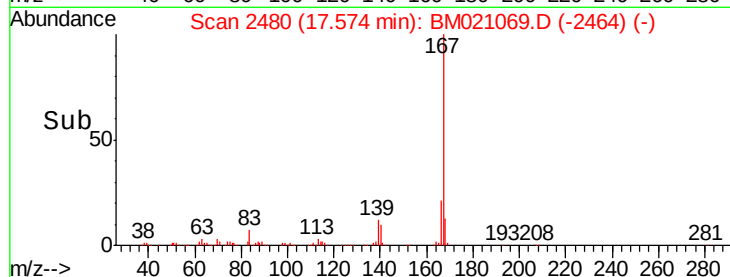
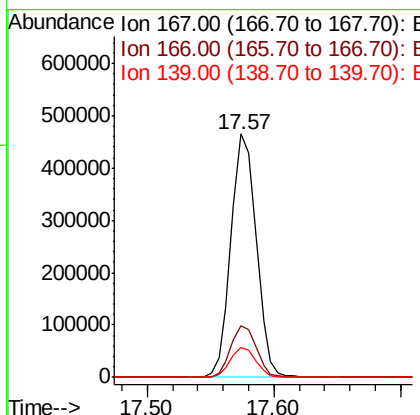
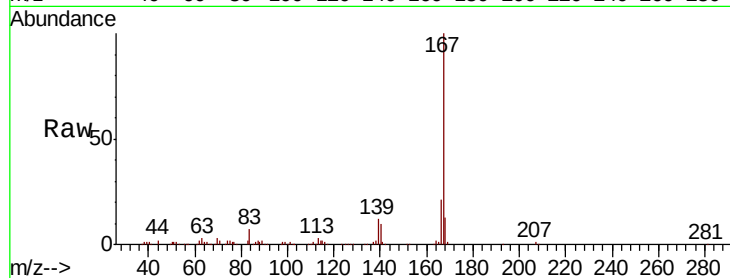
#73
 Carbazole
 Concen: 7.785 ng
 RT: 17.57 min Scan# 2480
 Delta R.T. -0.01 min
 Lab File: BM021069.D
 Acq: 21 Jun 2019 00:58

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.4	26.2
139	12.2	9.7	14.5

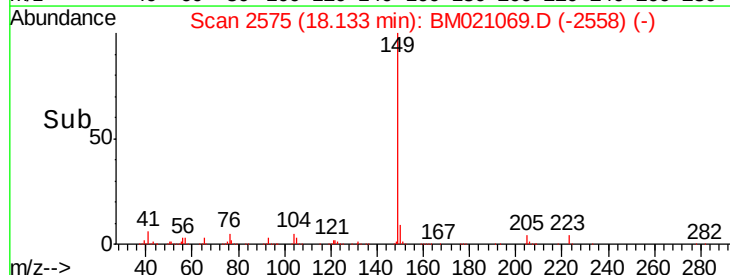
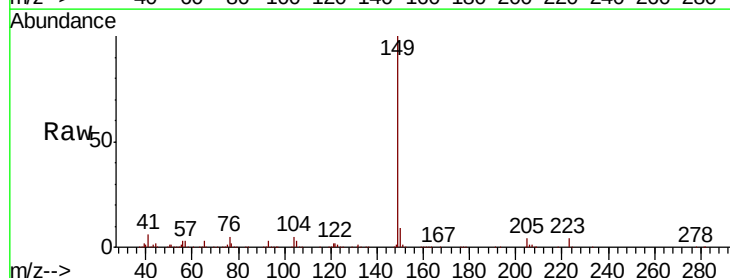
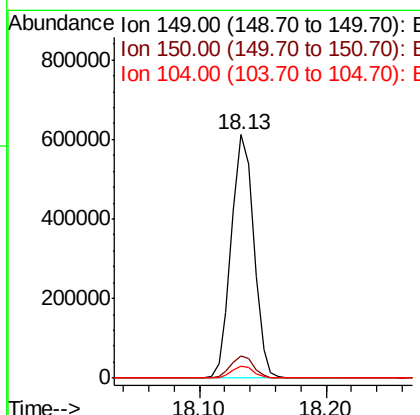
Manual Integrations
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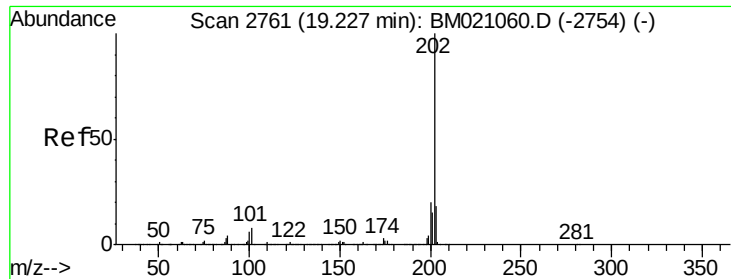
mohammad
 6/21/2019 10:02:10 PM



#74
 Di-n-butylphthalate
 Concen: 7.403 ng
 RT: 18.13 min Scan# 2575
 Delta R.T. -0.00 min
 Lab File: BM021069.D
 Acq: 21 Jun 2019 00:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.1	3.8	5.8





#75

Fluoranthene

Concen: 8.238 ng

RT: 19.23 min Scan# 2761

Delta R.T. -0.00 min

Lab File: BM021069.D

Acq: 21 Jun 2019 00:58

Instrument :

BNA_M

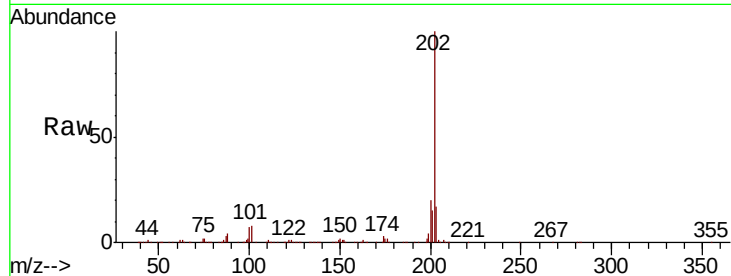
ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

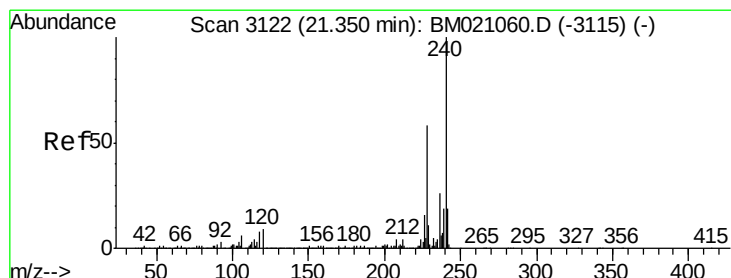
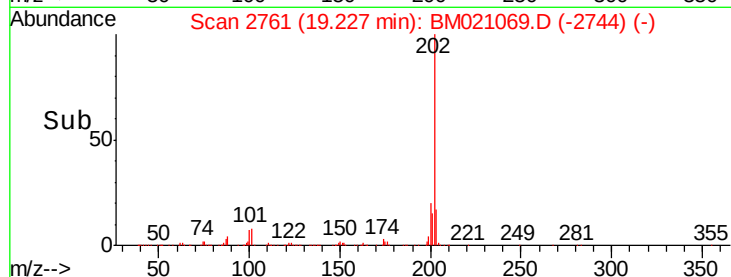
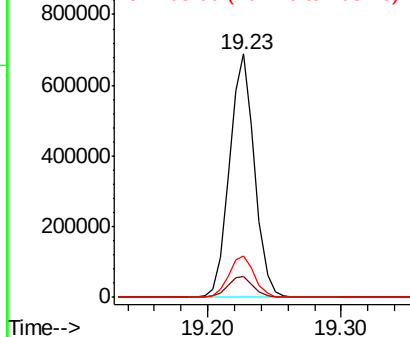
Tot Ion:	202	Resp:	900345
Ion Ratio		Lower	Upper
202	100		
101	8.3	0.0	28.2
203	17.2	0.0	37.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

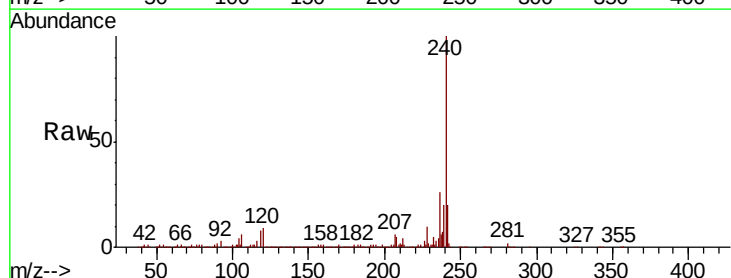
RT: 21.35 min Scan# 3122

Delta R.T. -0.00 min

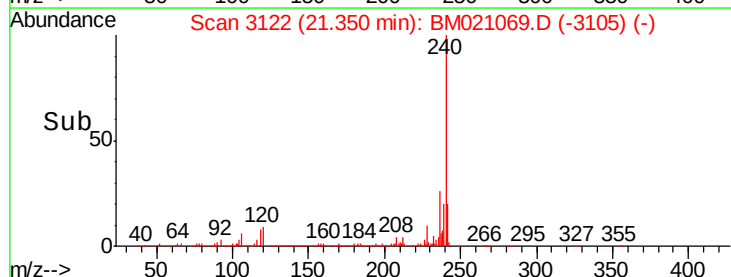
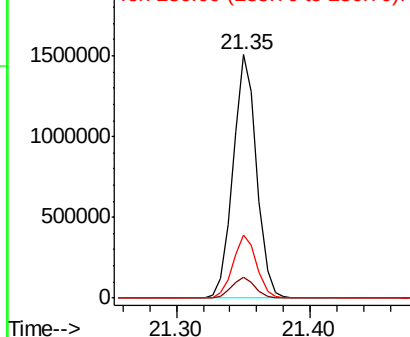
Lab File: BM021069.D

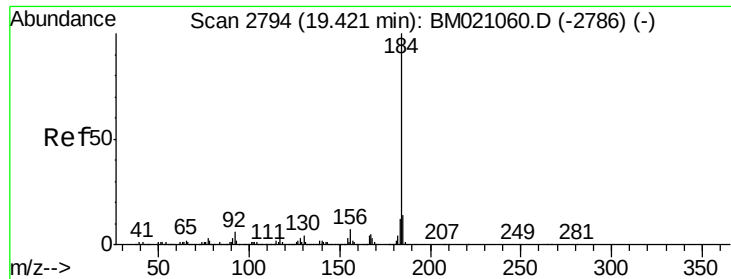
Acq: 21 Jun 2019 00:58

Tgt Ion:	240	Resp:	1852406
Ion Ratio		Lower	Upper
240	100		
120	8.7	6.9	10.3
236	25.8	20.4	30.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 7.018 ng

RT: 19.42 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BM021069.D

Acq: 21 Jun 2019 00:58

Instrument :

BNA_M

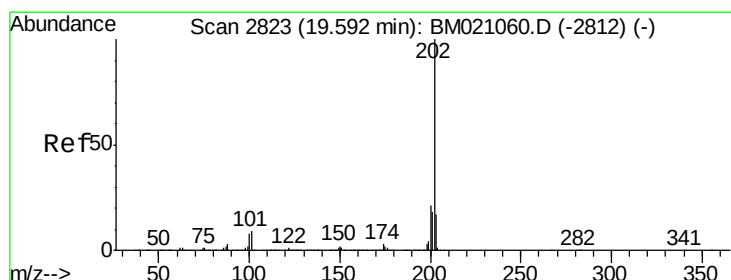
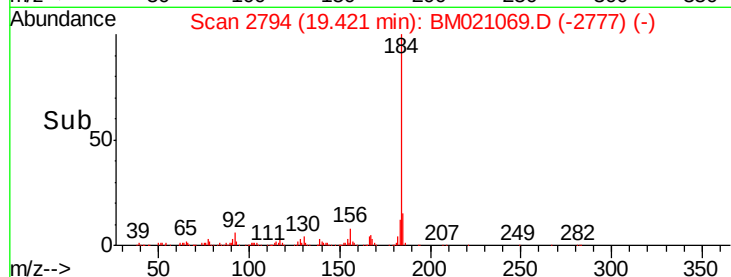
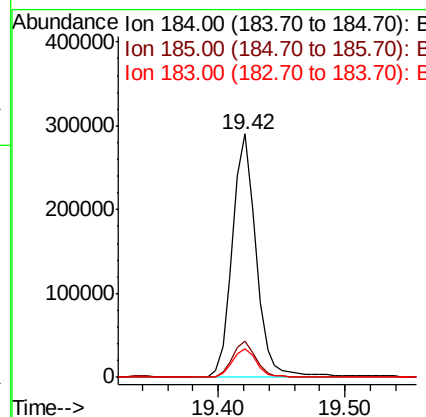
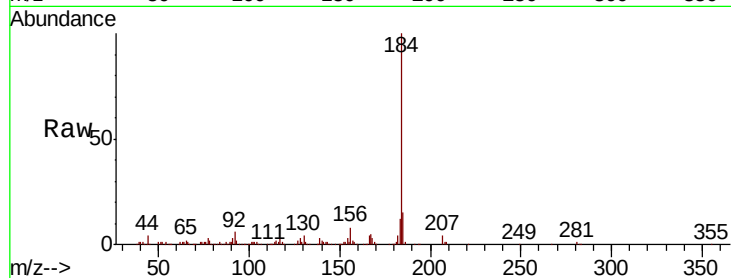
ClientSampleId :

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Tot Ion:	184	Resp:	377503
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.4	17.2
183	12.0	9.6	14.4

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#78

Pyrene

Concen: 7.032 ng

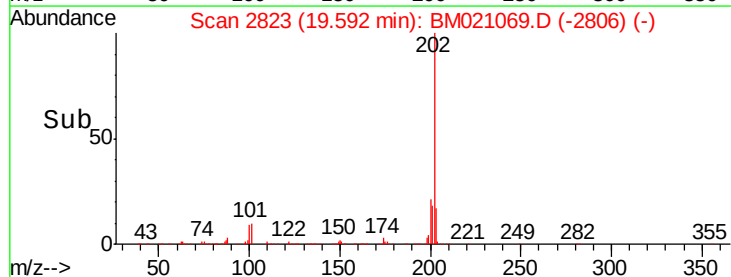
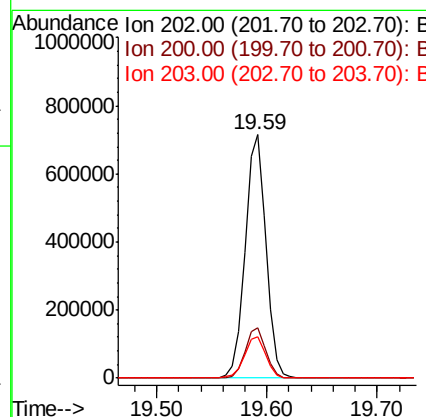
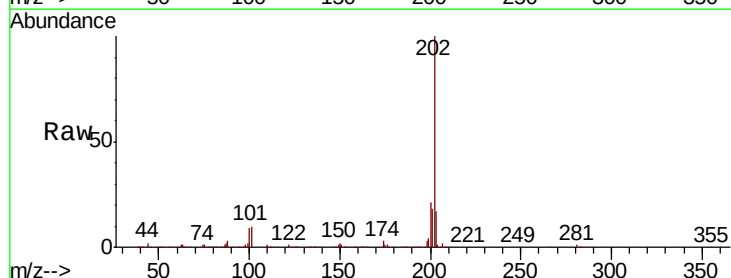
RT: 19.59 min Scan# 2823

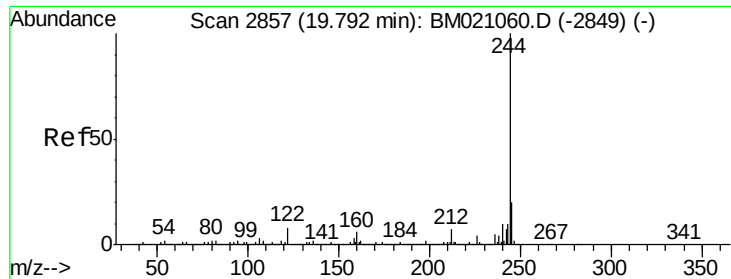
Delta R.T. -0.00 min

Lab File: BM021069.D

Acq: 21 Jun 2019 00:58

Tgt Ion:	202	Resp:	944690
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.0	25.4
203	17.2	14.0	21.0





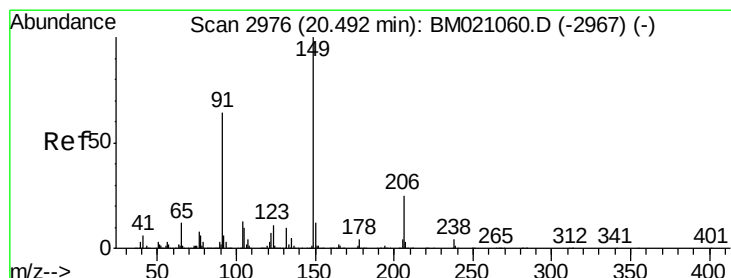
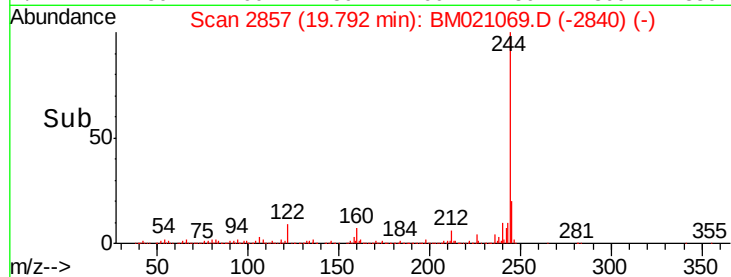
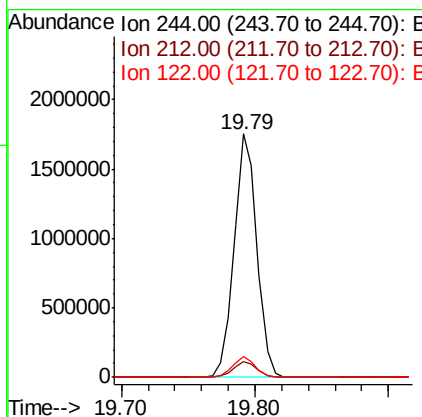
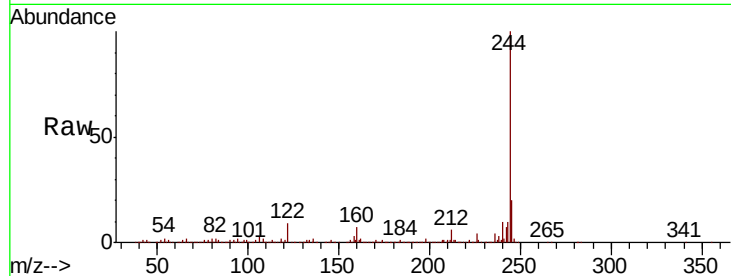
#79
 Terphenyl-d14
 Concen: 20.957 ng
 RT: 19.79 min Scan# 2857
 Delta R.T. -0.00 min
 Lab File: BM021069.D
 Acq: 21 Jun 2019 00:58

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.3	7.9
122	8.7	6.6	9.8

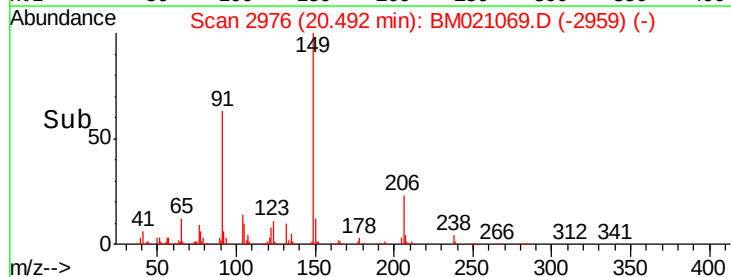
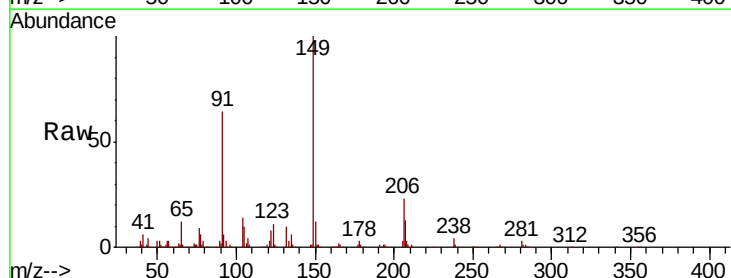
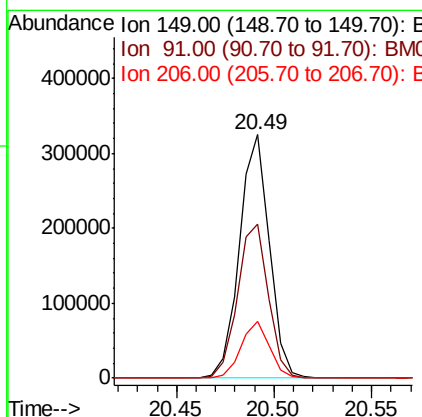
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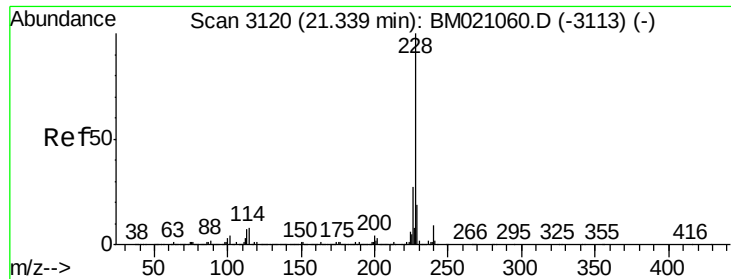
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#80
 Butylbenzylphthalate
 Concen: 6.412 ng
 RT: 20.49 min Scan# 2976
 Delta R.T. -0.00 min
 Lab File: BM021069.D
 Acq: 21 Jun 2019 00:58

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.5	50.9	76.3
206	23.3	19.7	29.5





#81

Benzo(a)anthracene

Concen: 7.567 ng

RT: 21.33 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BM021069.D

Acq: 21 Jun 2019 00:58

Instrument :

BNA_M

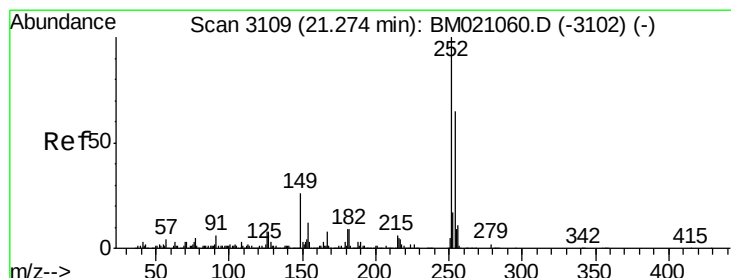
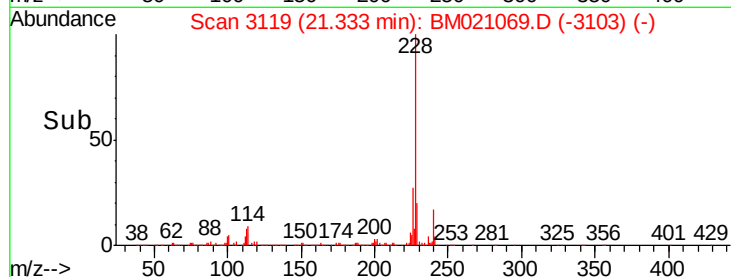
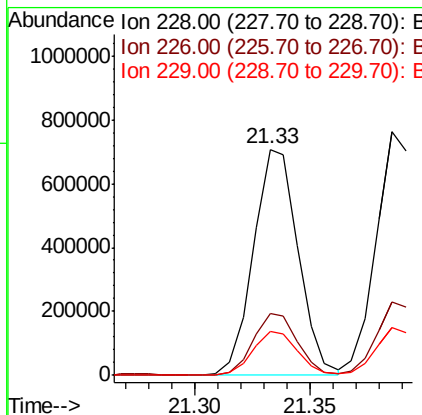
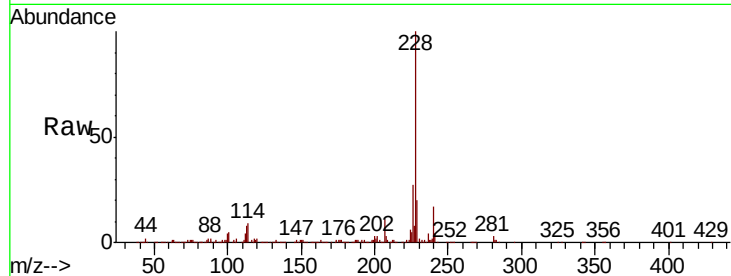
ClientSampleId :

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Tot Ion:	228	Resp:	955515
Ion Ratio	Lower	Upper	
228	100		
226	27.2	21.6	32.4
229	19.5	15.5	23.3

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#82

3,3'-Dichlorobenzidine

Concen: 7.560 ng

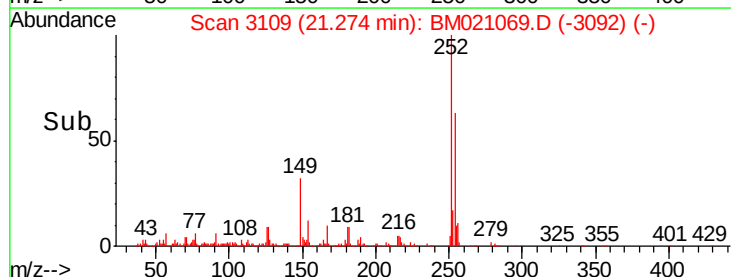
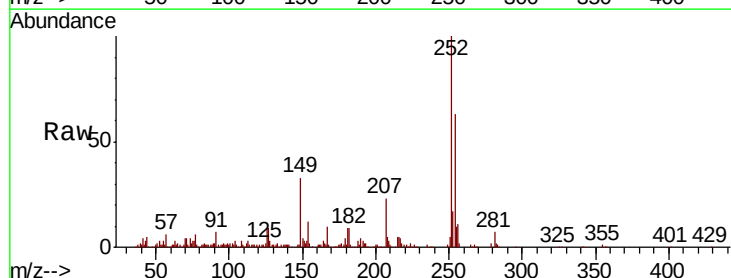
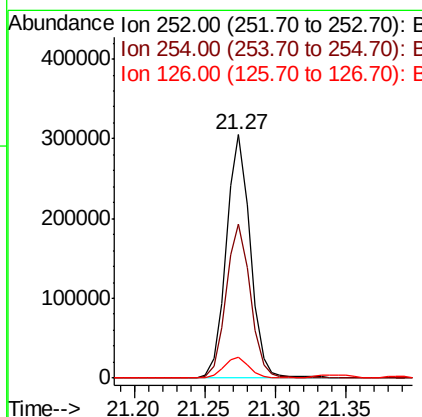
RT: 21.27 min Scan# 3109

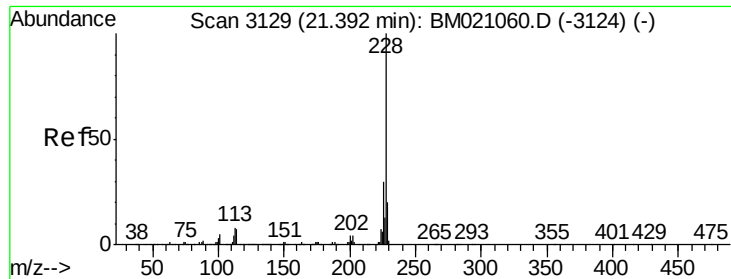
Delta R.T. -0.00 min

Lab File: BM021069.D

Acq: 21 Jun 2019 00:58

Tgt Ion:	252	Resp:	361567
Ion Ratio	Lower	Upper	
252	100		
254	63.2	51.7	77.5
126	8.8	6.6	9.8





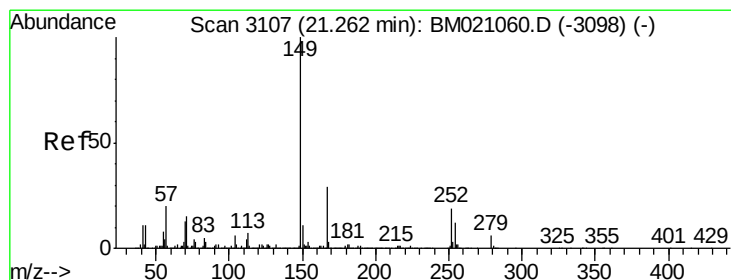
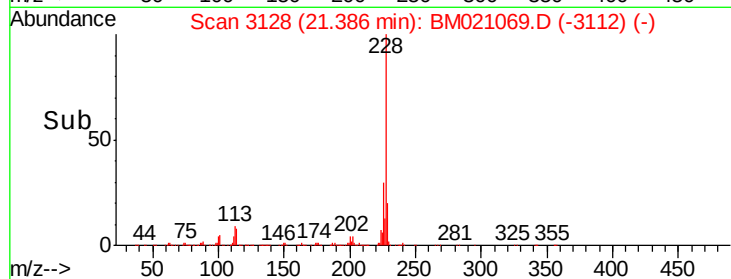
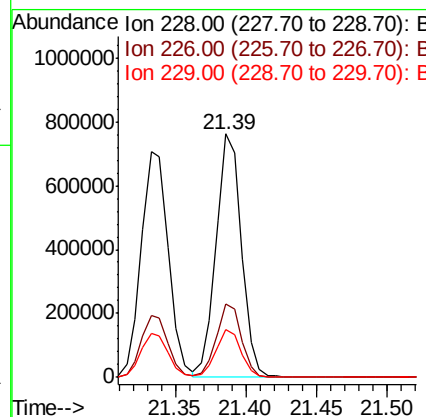
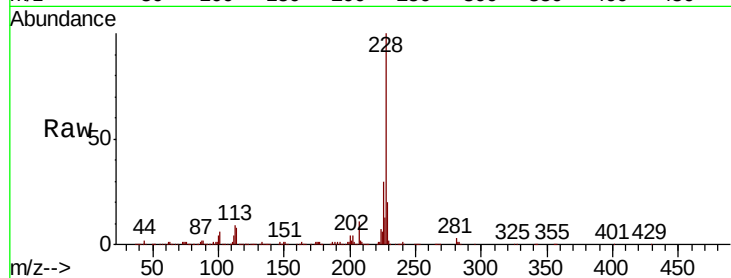
#83
Chrysene
Concen: 7.887 ng
RT: 21.39 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	19.6	15.6	23.4

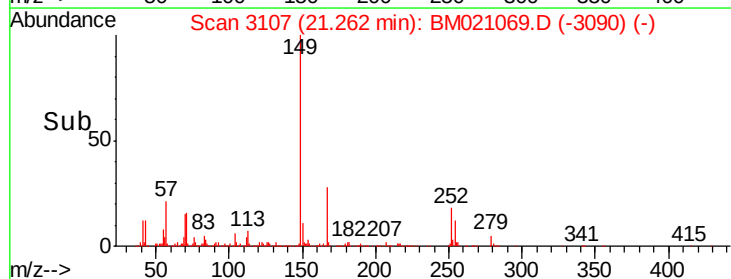
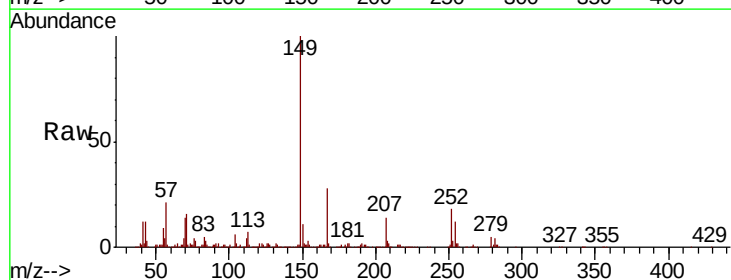
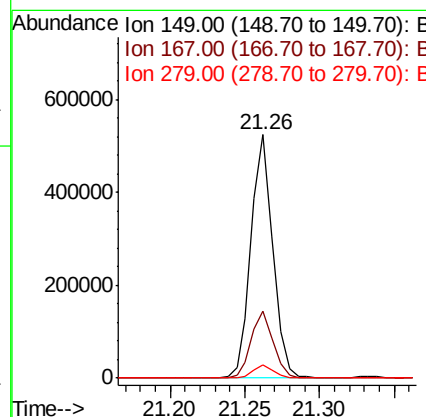
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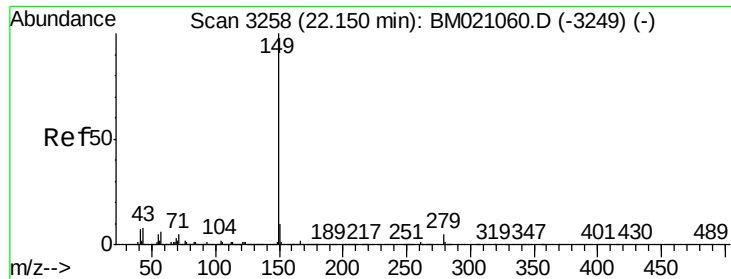
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#84
Bis(2-ethylhexyl)phthalate
Concen: 6.901 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	23.0	34.4
279	5.2	4.6	7.0





#85

Di-n-octyl phthalate

Concen: 7.387 ng

RT: 22.15 min Scan# 3258

Delta R.T. -0.00 min

Lab File: BM021069.D

Acq: 21 Jun 2019 00:58

Instrument :

BNA_M

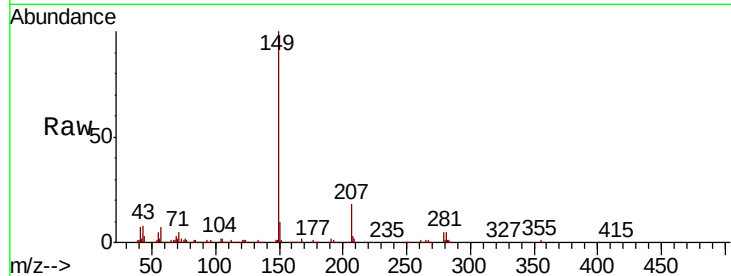
ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

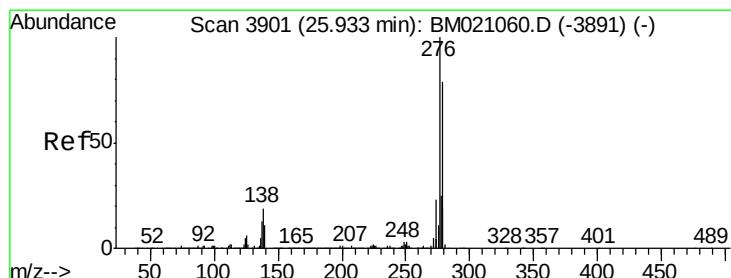
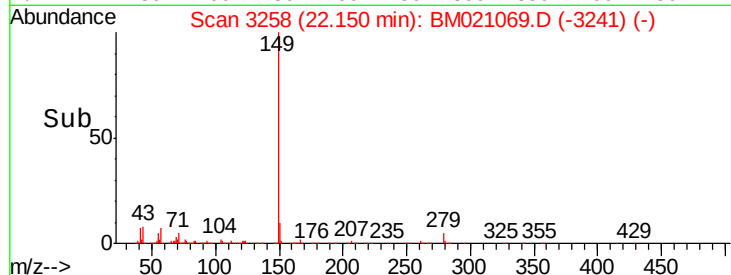
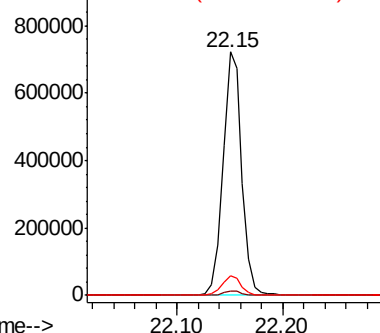
Tot Ion:	149	Resp:	885390
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	8.1	6.2	9.2

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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: 8.688 ng

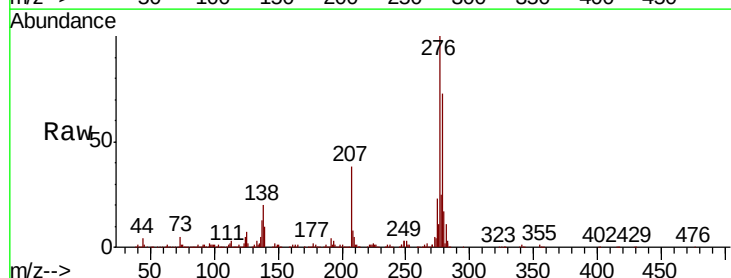
RT: 25.93 min Scan# 3900

Delta R.T. -0.01 min

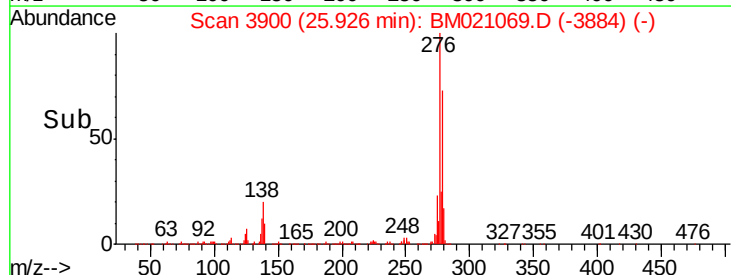
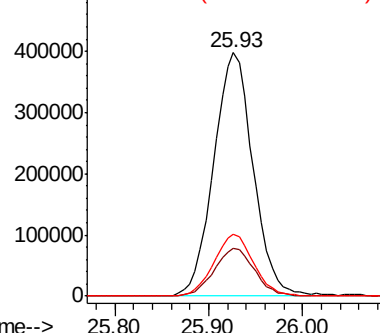
Lab File: BM021069.D

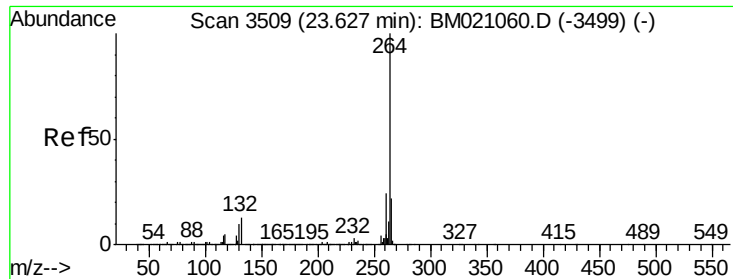
Acq: 21 Jun 2019 00:58

Tgt Ion:	276	Resp:	1156383
Ion Ratio	Lower	Upper	
276	100		
138	20.2	15.4	23.0
277	25.5	20.4	30.6



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

Pervlene-d12

Concen: 20.000 ng

RT: 23.63 min Scan# 3510

Delta R.T. 0.01 min

Lab File: BM021069.D

Acq: 21 Jun 2019 00:58

Instrument :

BNA_M

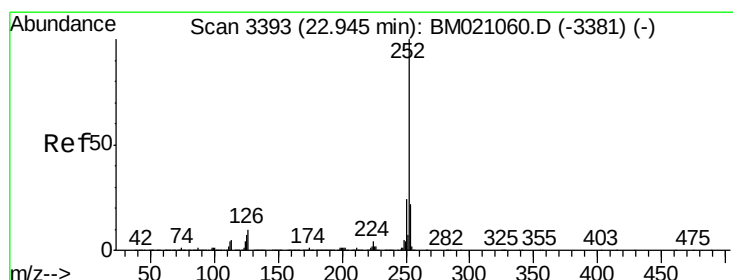
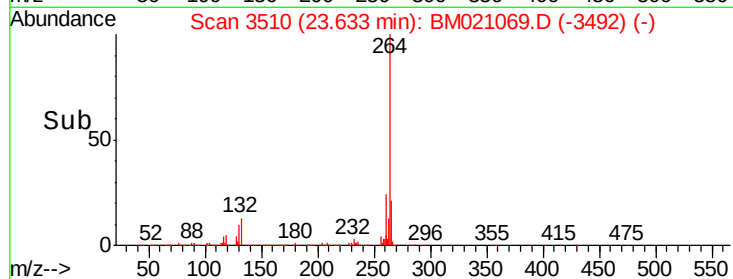
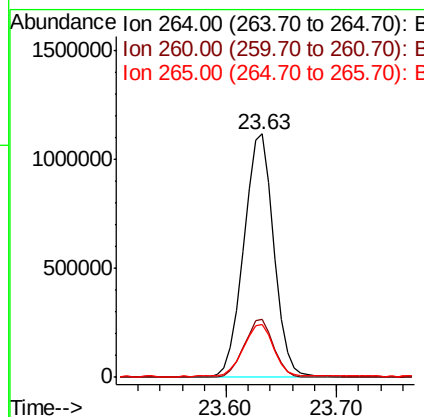
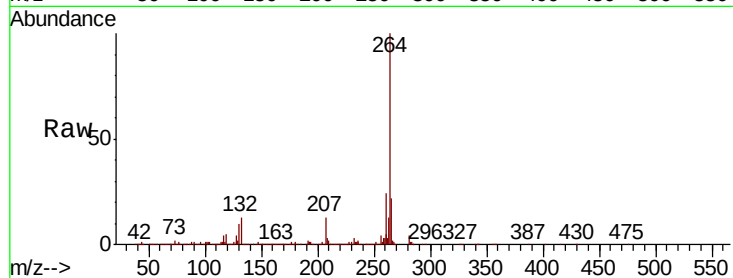
ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	21.5	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 7.129 ng

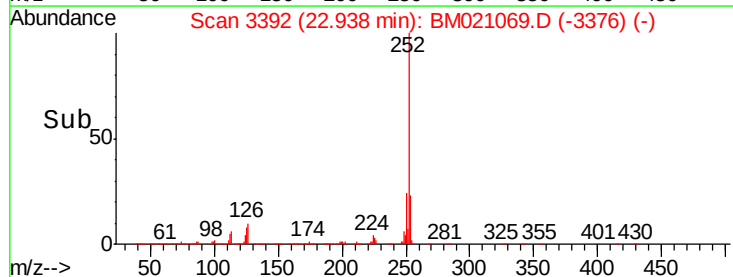
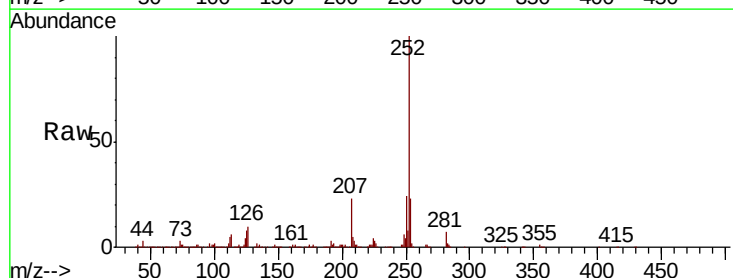
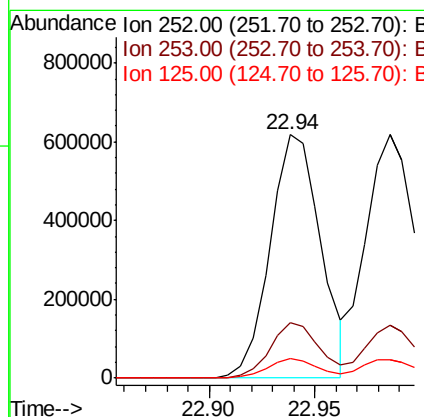
RT: 22.94 min Scan# 3392

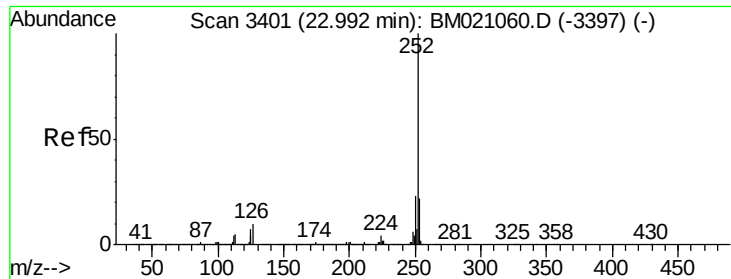
Delta R.T. -0.01 min

Lab File: BM021069.D

Acq: 21 Jun 2019 00:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	8.2	5.9	8.9





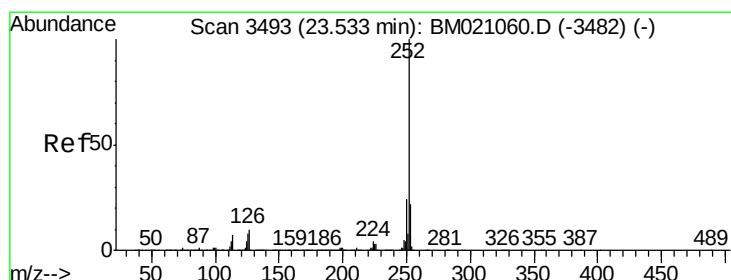
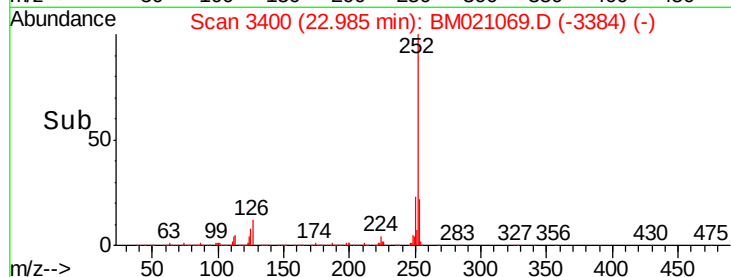
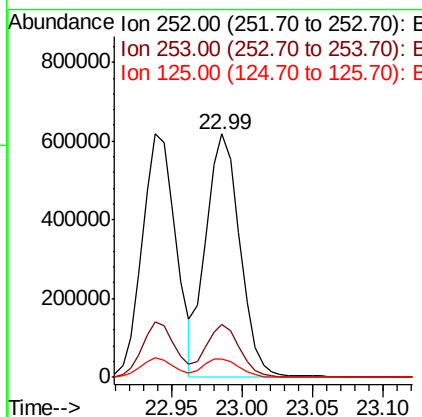
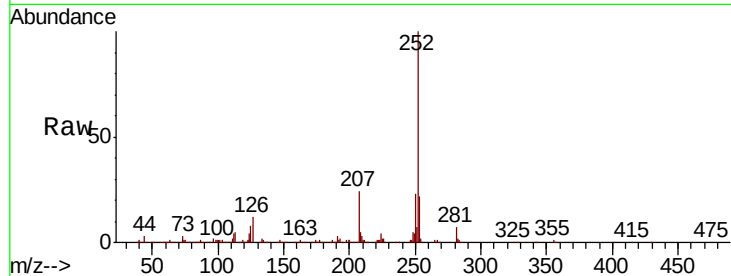
#89
Benzo(k)fluoranthene
Concen: 7.339 ng
RT: 22.99 min Scan# 3400
Delta R.T. -0.01 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion:252 Resp: 1023705
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 7.7 5.9 8.9

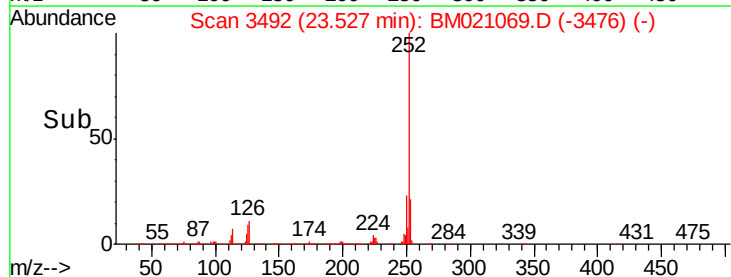
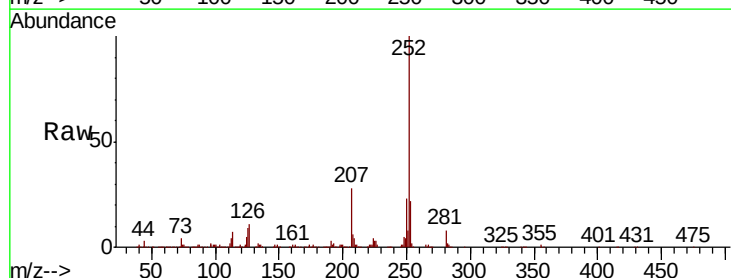
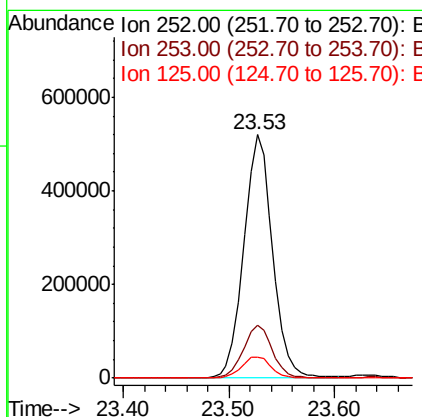
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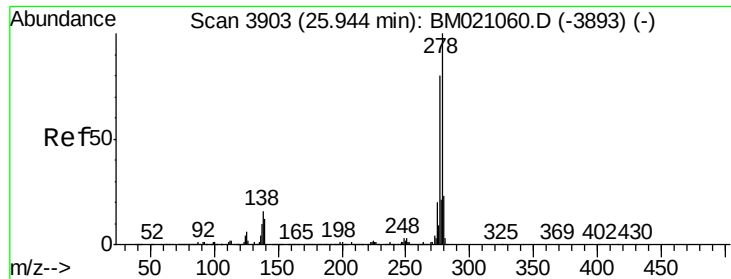
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#90
Benzo(a)pyrene
Concen: 7.519 ng
RT: 23.53 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Tgt Ion:252 Resp: 979029
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 8.8 6.6 10.0





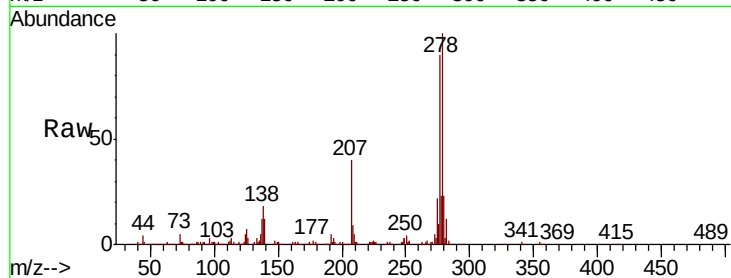
#91
Dibenzo(a,h)anthracene
Concen: 7.497 ng
RT: 25.94 min Scan# 3902
Delta R.T. -0.01 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.0	9.8	14.8
279	23.2	18.7	28.1

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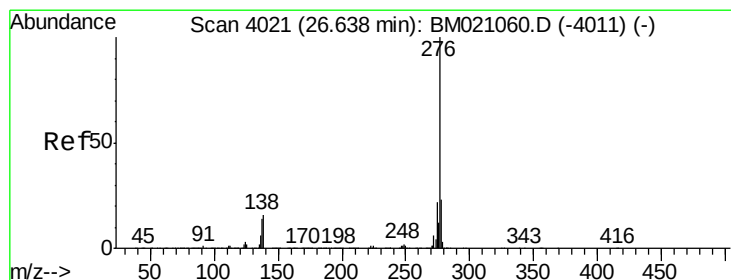
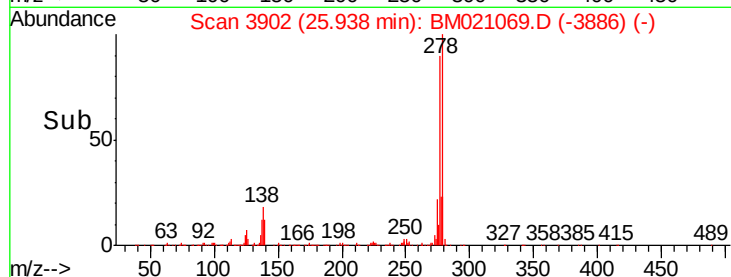
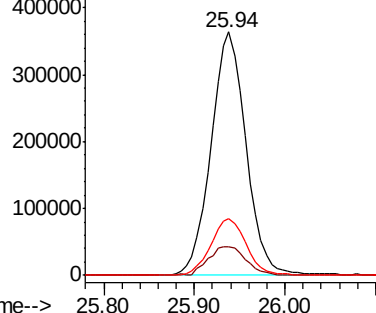


Abundance

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: 7.798 ng
RT: 26.63 min Scan# 4020
Delta R.T. -0.01 min
Lab File: BM021069.D
Acq: 21 Jun 2019 00:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	16.8	13.1	19.7

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

