

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120820\
 Data File : BM028088.D
 Acq On : 09 Dec 2020 02:00
 Operator : JU/CG
 Sample : L4485-21
 Misc : ME-SOIL-02
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-07

Quant Time: Dec 09 03:40:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 09 03:34:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	197940	20.00	ng/ul	0.00
20) Naphthalene-d8	11.12	136	830244	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.90	164	492314	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	1034384	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	1003267	20.00	ng/ul	-0.01
88) Perylene-d12	24.13	264	1026889	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	21121	4.08	ng/uL	0.00
4) Pyridine-d5	3.92	84	315047	22.25	ng/ul	0.00
7) Phenol-d5	7.41	99	544063	32.20	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.59	67	360107	33.54	ng/ul	0.00
11) 2-Chlorophenol-d4	7.80	132	464280	33.00	ng/ul	0.00
15) 4-Methylphenol-d8	8.98	113	461092	33.44	ng/ul	0.00
21) Nitrobenzene-d5	9.46	128	222802	33.26	ng/ul	0.00
24) 2-Nitrophenol-d4	10.19	143	230028	33.34	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.72	165	424647	31.33	ng/ul	0.00
31) 4-Chloroaniline-d4	11.24	131	613935	32.46	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	1284683	32.82	ng/ul	0.00
49) Acenaphthylene-d8	14.60	160	1638636	34.45	ng/ul	0.00
54) 4-Nitrophenol-d4	15.06	143	227826	30.89	ng/ul	0.00
60) Fluorene-d10	15.88	176	1081261	31.76	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	179805	28.45	ng/ul	0.00
73) Anthracene-d10	17.72	188	1634044	31.74	ng/ul	0.00
81) Pyrene-d10	19.97	212	1775406	32.59	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.97	264	1709550	30.41	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.50	88	4278	0.789 ng/uL#	90
5) Pyridine	3.95	79	42041	2.961 ng/ul#	75
6) Benzaldehyde	7.40	77	35969	5.452 ng/ul	98
8) Phenol	7.44	94	48902	2.871 ng/ul	99
10) Bis(2-Chloroethyl)ether	7.68	93	44054	3.034 ng/ul	96
12) 2-Chlorophenol	7.83	128	41873	2.874 ng/ul	99
13) 2-Methylphenol	8.72	108	35452	2.705 ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.80	45	70829	2.945 ng/ul	98
16) Acetophenone	9.11	105	60410	2.886 ng/ul	99
17) N-Nitroso-di-n-propylamine	9.09	70	29026	2.840 ng/ul	98
18) 4-Methylphenol	9.05	108	40114	2.829 ng/ul	99
19) Hexachloroethane	9.38	117	17714	2.836 ng/ul	97
22) Nitrobenzene	9.50	77	47186	2.902 ng/ul	94
23) Isophorone	10.03	82	77939	2.706 ng/ul	96
25) 2-Nitrophenol	10.22	139	22484	2.941 ng/ul	98
26) 2,4-Dimethylphenol	10.26	107	43188	2.797 ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.50	93	54946	2.818 ng/ul	98
29) 2,4-Dichlorophenol	10.75	162	37941	2.843 ng/ul#	87
30) Naphthalene	11.16	128	140515	2.930 ng/ul	99
32) 4-Chloroaniline	11.26	127	54307	2.951 ng/ul	100
33) Hexachlorobutadiene	11.45	225	24829	2.855 ng/ul	95
34) Caprolactam	12.04	113	5058	1.208 ng/ul	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.36	107	35995	2.623	ng/ul	97
36) 2-Methylnaphthalene	12.75	142	92751	2.845	ng/ul	97
37) 1-Methylnaphthalene	12.97	142	87081	2.777	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	47731	2.874	ng/ul	98
40) Hexachlorocyclopentadiene	13.09	237	21082	2.165	ng/ul	100
41) 2,4,6-Trichlorophenol	13.35	196	26177	2.567	ng/ul	98
42) 2,4,5-Trichlorophenol	13.41	196	29523	2.679	ng/ul	95
43) 1,1'-Biphenyl	13.74	154	120833	2.833	ng/ul	99
44) 2-Chloronaphthalene	13.79	162	93602	2.803	ng/ul	98
45) 2-Nitroaniline	13.98	65	20894	2.386	ng/ul	96
47) Dimethylphthalate	14.35	163	114880	2.848	ng/ul	99
48) 2,6-Dinitrotoluene	14.47	165	18809	2.432	ng/ul	91
50) Acenaphthylene	14.63	152	140579	2.857	ng/ul	100
51) 3-Nitroaniline	14.79	138	18658	2.577	ng/ul	96
52) Acenaphthene	14.96	153	101571	2.863	ng/ul	99
53) 2,4-Dinitrophenol	15.00	184	7053	1.586	ng/ul	97
55) 4-Nitrophenol	15.08	109	15930	2.922	ng/ul	95
56) Dibenzofuran	15.29	168	137570	2.846	ng/ul	96
57) 2,4-Dinitrotoluene	15.25	165	26742	2.462	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.51	232	23592	2.532	ng/ul	96
59) Diethylphthalate	15.69	149	112175	2.728	ng/ul	99
61) Fluorene	15.94	166	116767	2.902	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.92	204	56840	2.867	ng/ul	98
63) 4-Nitroaniline	15.94	138	20382	3.408	ng/ul	94
66) 4,6-Dinitro-2-methylphenol	16.00	198	17853	2.600	ng/ul#	47
67) N-Nitrosodiphenylamine	16.13	169	93038	2.733	ng/ul	99
68) 4-Bromophenyl-phenylether	16.81	248	32394	2.663	ng/ul	96
69) Hexachlorobenzene	16.93	284	38627	2.784	ng/ul	100
70) Atrazine	17.06	200	30673	2.512	ng/ul	99
71) Pentachlorophenol	17.27	266	16447	2.053	ng/ul	95
72) Phenanthrene	17.66	178	180542	2.829	ng/ul	99
74) Anthracene	17.75	178	182908	2.812	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.71	216	45936	2.765	ng/uL	98
76) Pentachlorobenzene	15.22	250	44887	2.719	ng/uL	94
77) Carbazole	18.01	167	150343	2.722	ng/ul	100
78) Di-n-butylphthalate	18.55	149	176607	2.456	ng/ul	100
80) Fluoranthene	19.64	202	196112	2.766	ng/ul	99
82) Pyrene	20.00	202	214068	2.914	ng/ul	98
83) Butylbenzylphthalate	20.86	149	73577	2.384	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.63	252	62333	2.752	ng/ul	99
85) Benzo(a)anthracene	21.71	228	196899	2.882	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.61	149	113311	2.398	ng/ul	98
87) Chrysene	21.76	228	192541	2.874	ng/ul	99
89) Di-n-octyl phthalate	22.53	149	191685	2.331	ng/ul	100
90) Benzo(b)fluoranthene	23.39	252	194387	2.752	ng/ul	99
91) Benzo(k)fluoranthene	23.44	252	189335	2.773	ng/ul	98
93) Benzo(a)pyrene	24.02	252	180047	2.849	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.60	276	211177	2.805	ng/ul	96
95) Dibenzo(a,h)anthracene	26.60	278	182102	2.844	ng/ul	96
96) Benzo(g,h,i)perylene	27.36	276	175577	2.780	ng/ul	98

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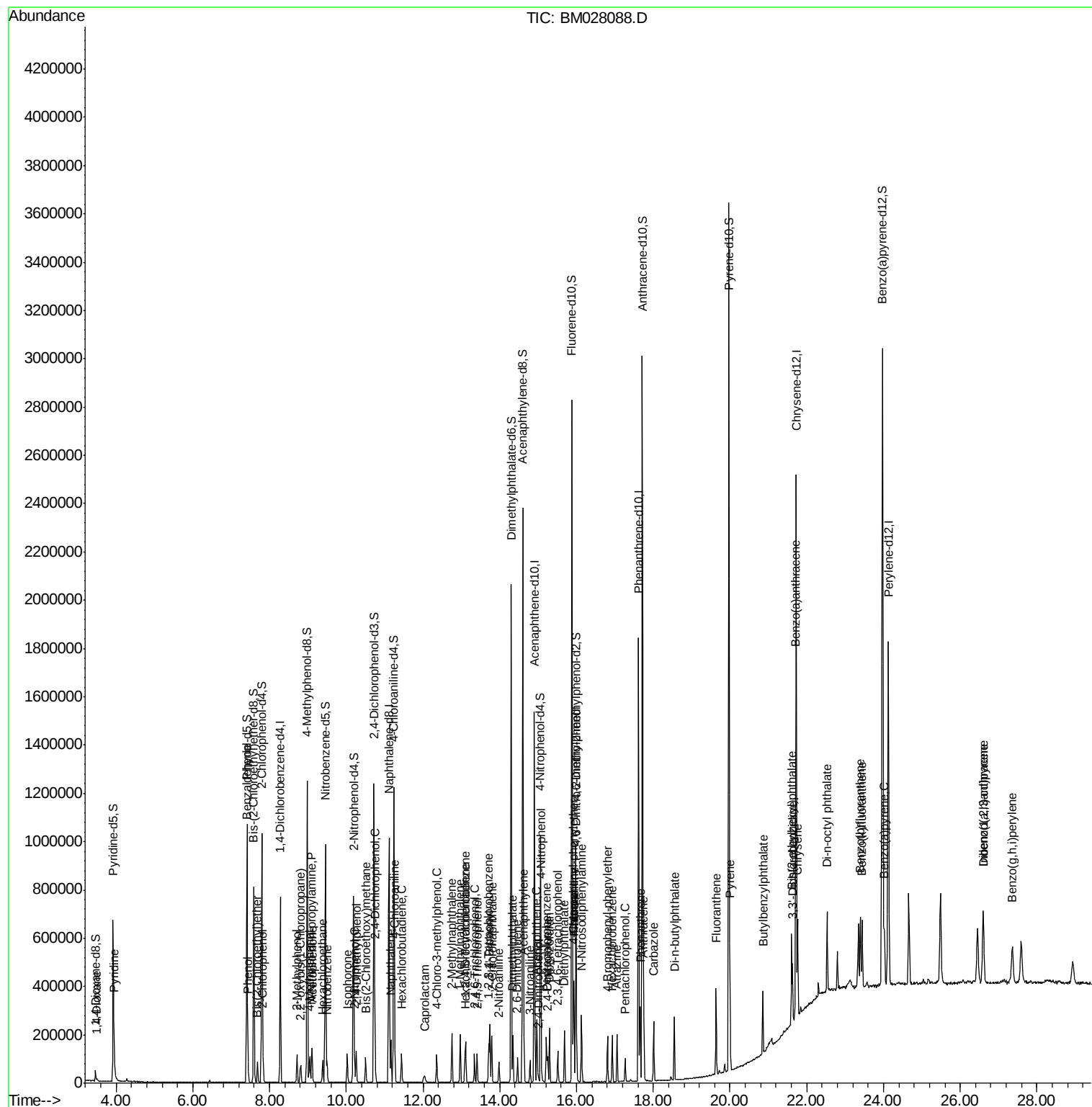
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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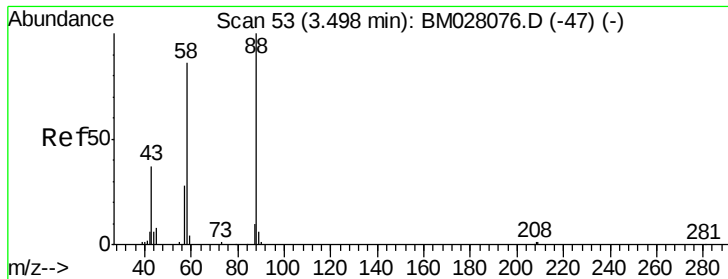
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.789 ng/uL

RT: 3.50 min Scan# 54

Delta R.T. 0.01 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-07

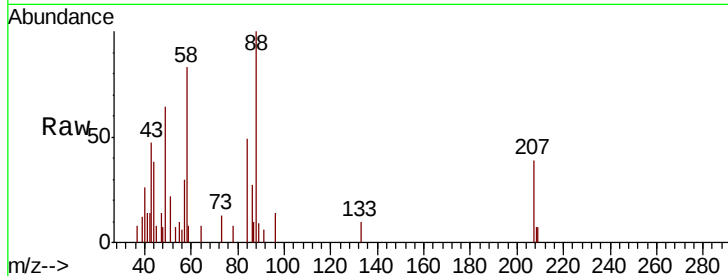
Tot Ion: 88 Resp: 4278

Ion Ratio Lower Upper

88 100

43 47.0 27.5 41.3#

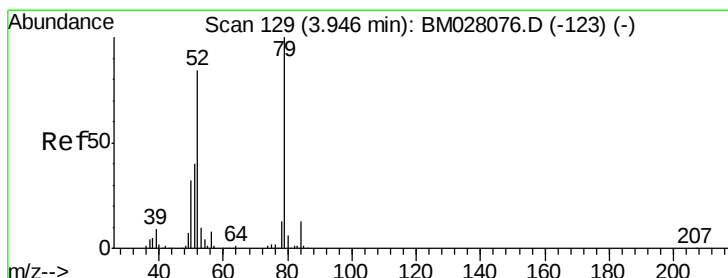
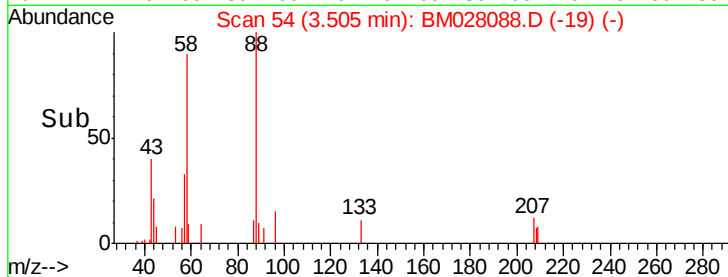
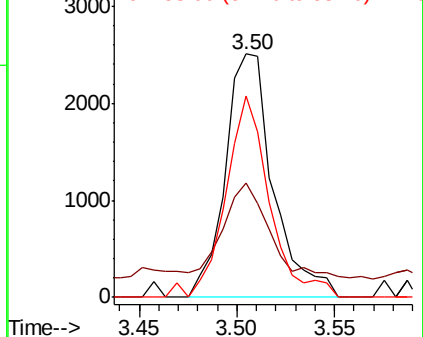
58 82.6 63.2 94.8



Abundance Ion 88.00 (87.70 to 88.70): BM028076.D (-47) (-)

Ion 43.00 (42.70 to 43.70): BM028076.D (-47) (-)

Ion 58.00 (57.70 to 58.70): BM028076.D (-47) (-)



#5

Pyridine

Concen: 2.961 ng/uL

RT: 3.95 min Scan# 130

Delta R.T. 0.01 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

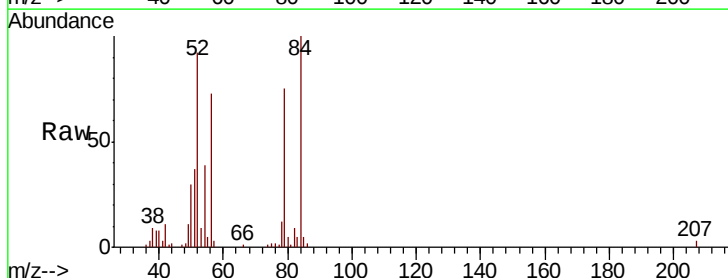
Tgt Ion: 79 Resp: 42041

Ion Ratio Lower Upper

79 100

52 122.2 72.8 109.2#

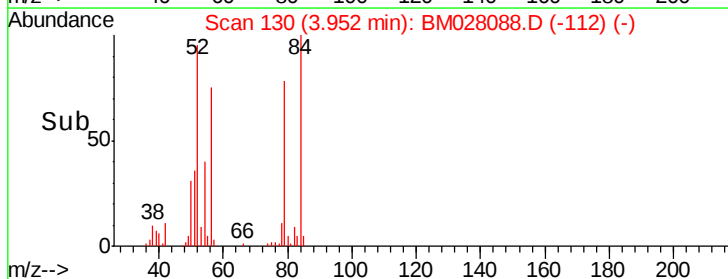
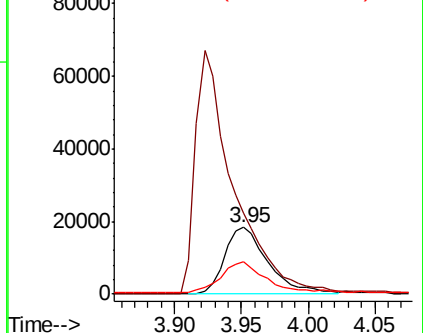
51 48.6 34.9 52.3

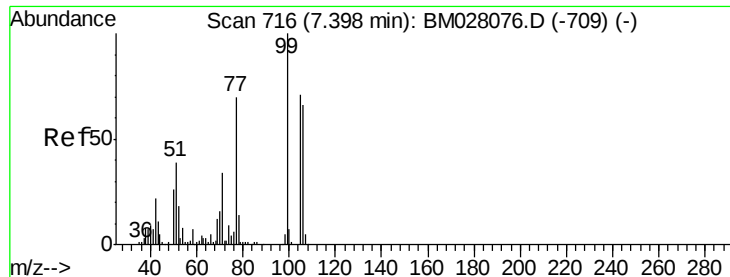


Abundance Ion 79.00 (78.70 to 79.70): BM028076.D (-123) (-)

Ion 52.00 (51.70 to 52.70): BM028076.D (-123) (-)

Ion 51.00 (50.70 to 51.70): BM028076.D (-123) (-)





#6

Benzaldehyde

Concen: 5.452 ng/ul

RT: 7.40 min Scan# 716

Delta R.T. 0.00 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

Instrument :

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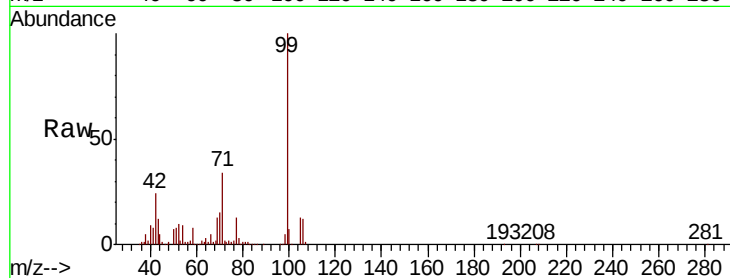
Tot Ion: 77 Resp: 35969

Ion Ratio Lower Upper

77 100

105 100.9 82.0 123.0

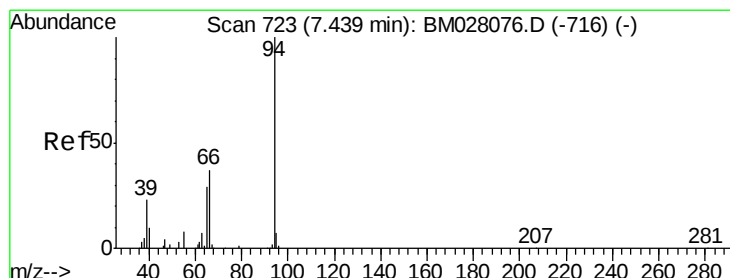
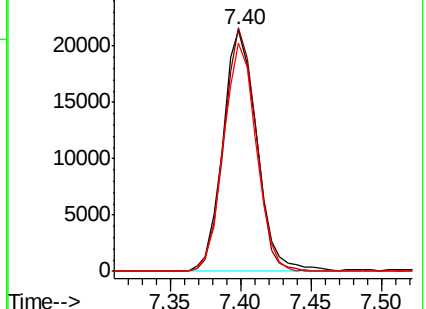
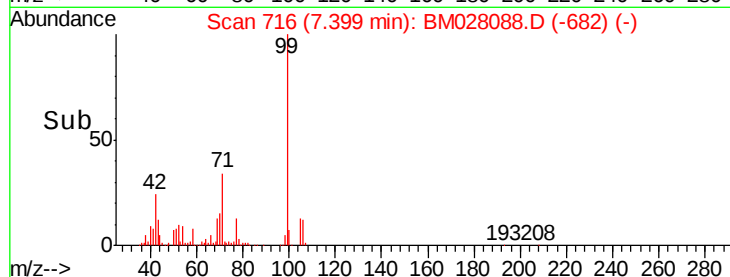
106 94.7 74.5 111.7



Abundance Ion 77.00 (76.70 to 77.70): BM028088.D (-682) (-)

Ion 105.00 (104.70 to 105.70): BM028088.D (-682) (-)

Ion 106.00 (105.70 to 106.70): BM028088.D (-682) (-)



#8

Phenol

Concen: 2.871 ng/ul

RT: 7.44 min Scan# 723

Delta R.T. 0.00 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

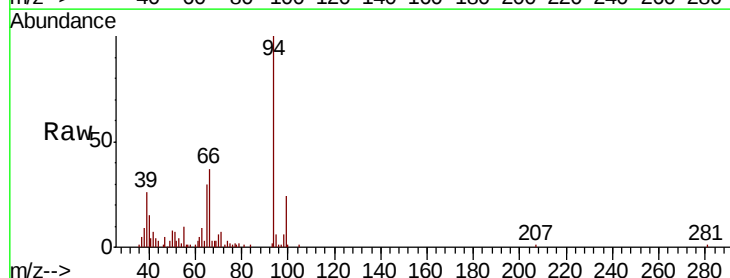
Tgt Ion: 94 Resp: 48902

Ion Ratio Lower Upper

94 100

65 30.5 24.5 36.7

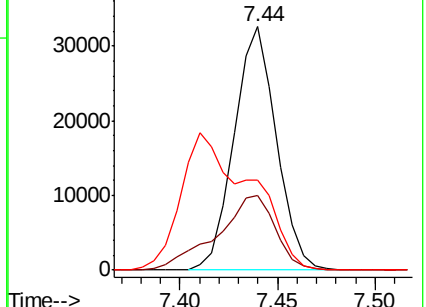
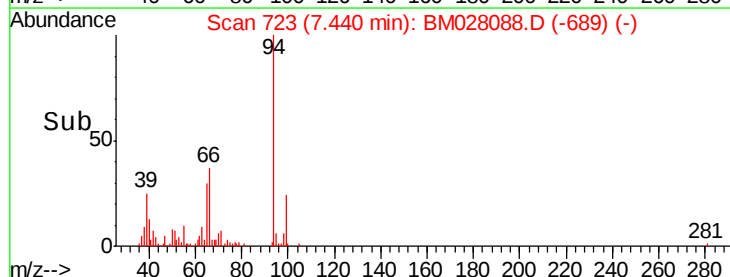
66 37.0 30.6 46.0

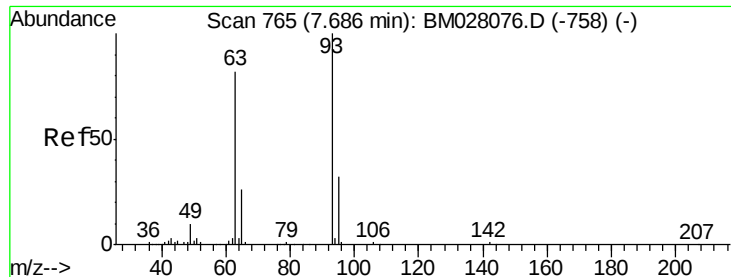


Abundance Ion 94.00 (93.70 to 94.70): BM028088.D (-689) (-)

Ion 65.00 (64.70 to 65.70): BM028088.D (-689) (-)

Ion 66.00 (65.70 to 66.70): BM028088.D (-689) (-)

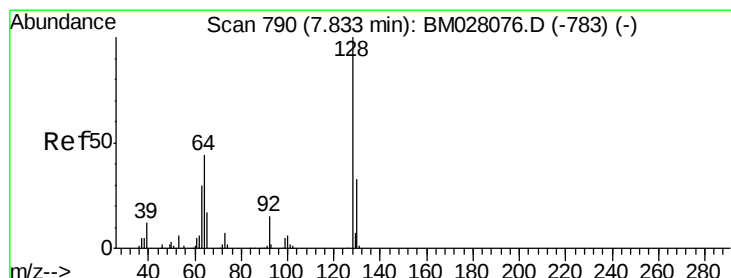
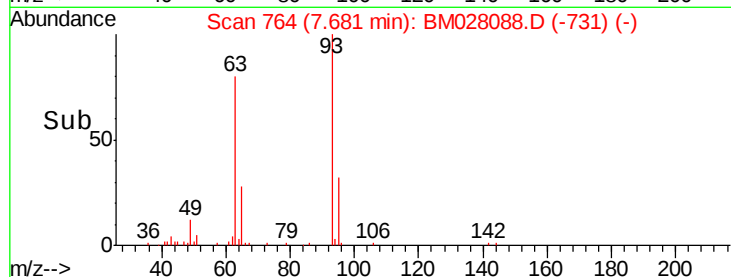
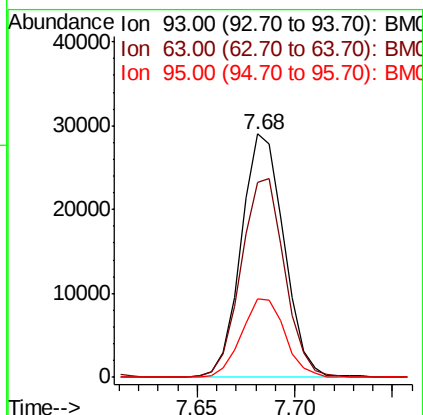
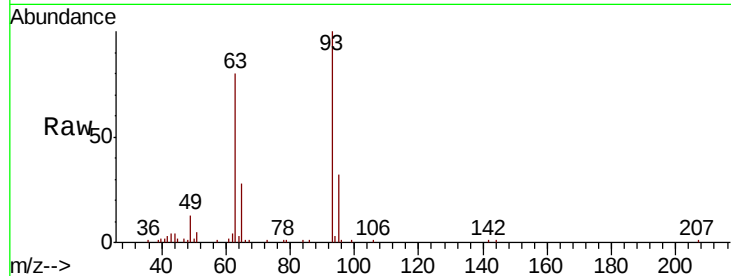




#10
 Bis(2-Chloroethyl)ether
 Concen: 3.034 ng/ul
 RT: 7.68 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BM028088.D
 Acq: 09 Dec 2020 02:00

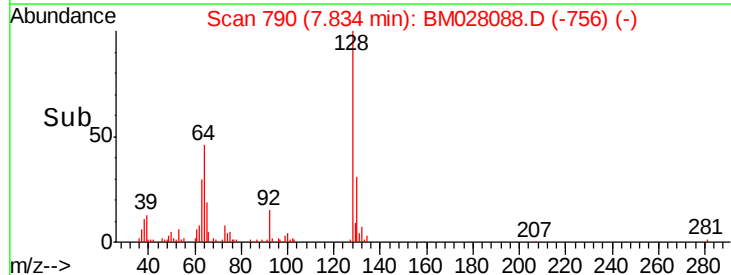
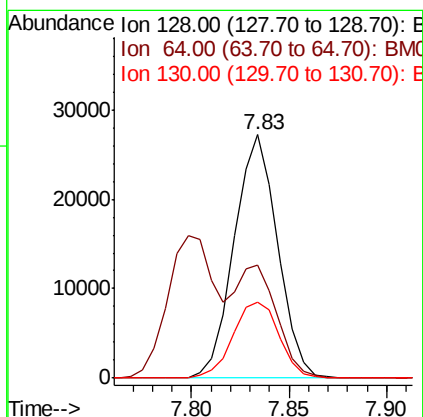
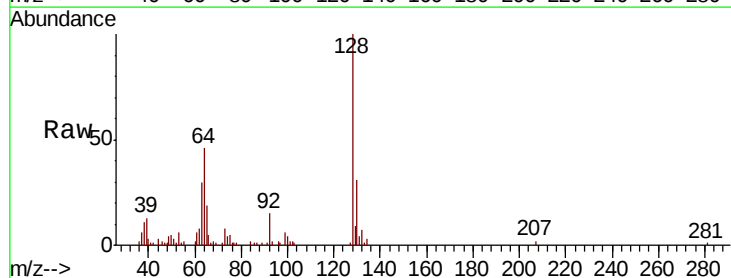
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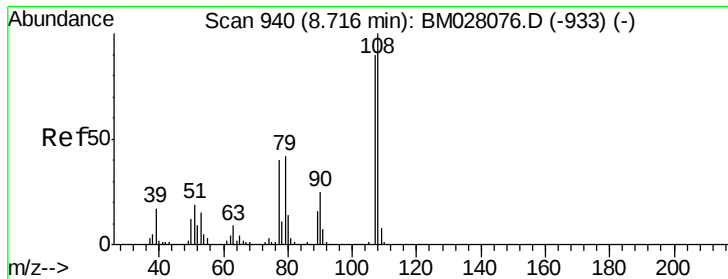
Tot Ion: 93 Resp: 44054
 Ion Ratio Lower Upper
 93 100
 63 79.9 67.0 100.4
 95 32.4 26.8 40.2



#12
 2-Chlorophenol
 Concen: 2.874 ng/ul
 RT: 7.83 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BM028088.D
 Acq: 09 Dec 2020 02:00

Tgt Ion: 128 Resp: 41873
 Ion Ratio Lower Upper
 128 100
 64 46.3 37.4 56.2
 130 31.4 25.8 38.6

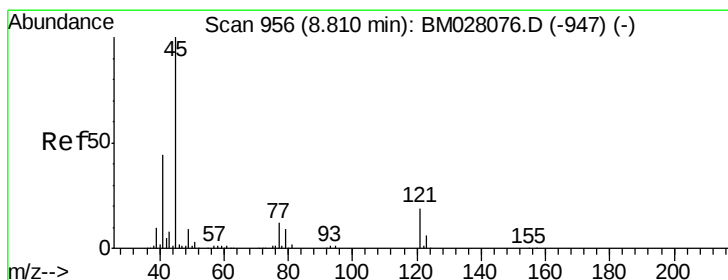
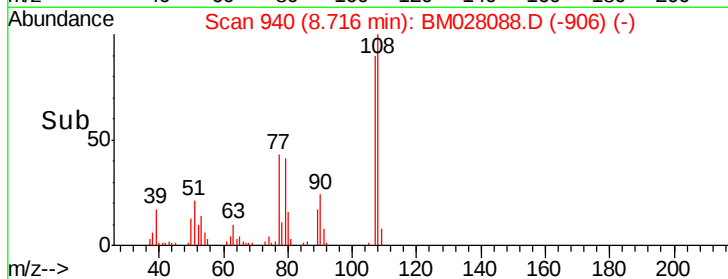
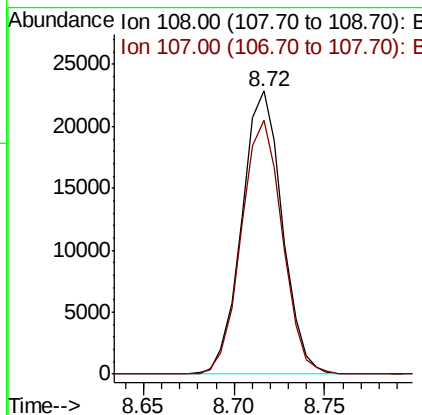
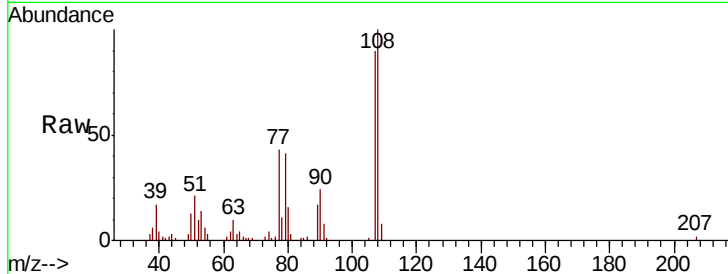




#13
2-Methylphenol
Concen: 2.705 ng/ul
RT: 8.72 min Scan# 940
Delta R.T. 0.00 min
Lab File: BM028088.D
Acq: 09 Dec 2020 02:00

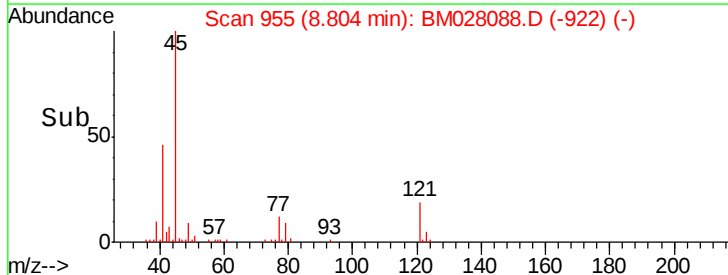
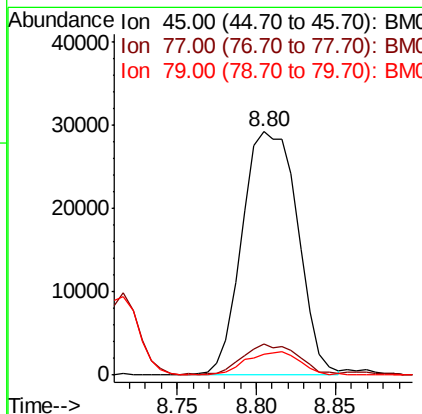
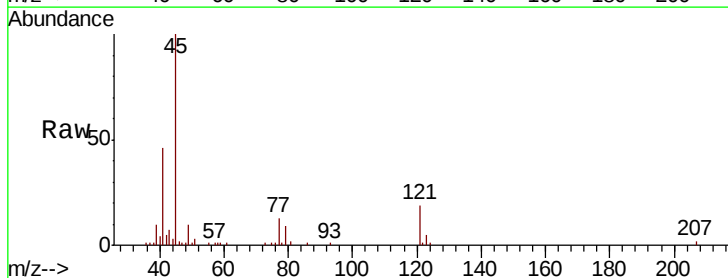
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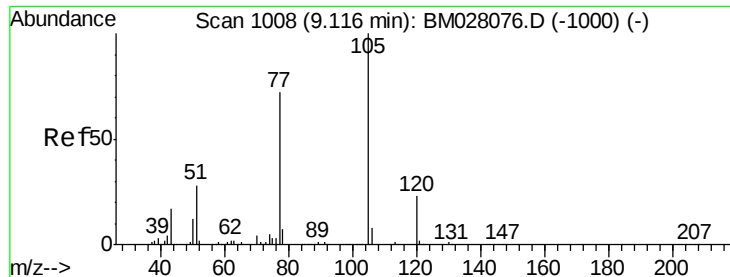
Tot Ion:108 Resp: 35452
Ion Ratio Lower Upper
108 100
107 89.7 70.9 106.3



#14
2,2'-oxybis(1-chloropropane)
Concen: 2.945 ng/ul
RT: 8.80 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM028088.D
Acq: 09 Dec 2020 02:00

Tgt Ion: 45 Resp: 70829
Ion Ratio Lower Upper
45 100
77 12.7 9.5 14.3
79 8.6 7.4 11.0

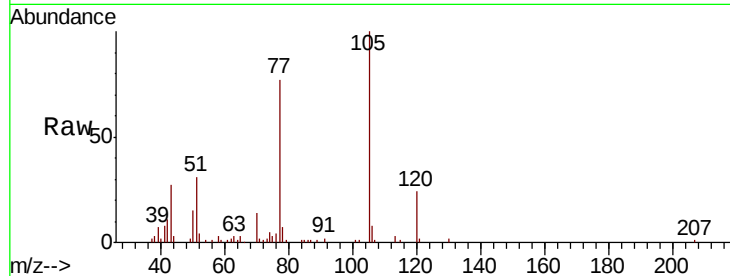




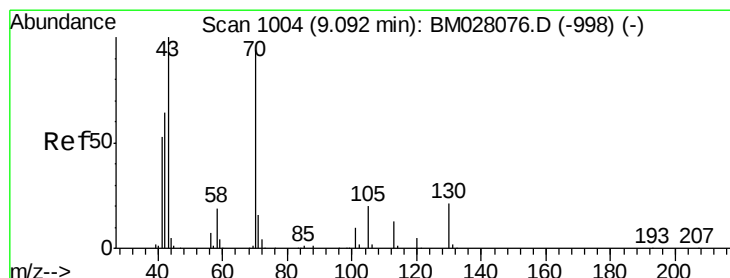
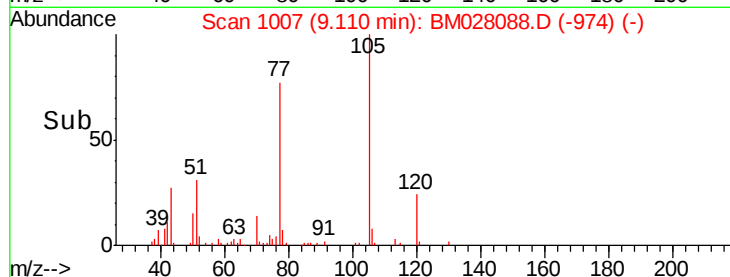
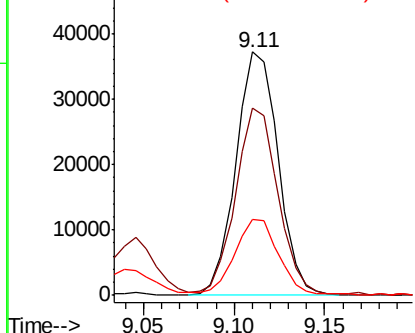
#16
Acetophenone
Concen: 2.886 ng/ul
RT: 9.11 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BM028088.D
Acq: 09 Dec 2020 02:00

Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-07

Tot Ion	Ratio	Lower	Upper
105	100		
77	76.9	60.8	91.2
51	31.3	25.1	37.7



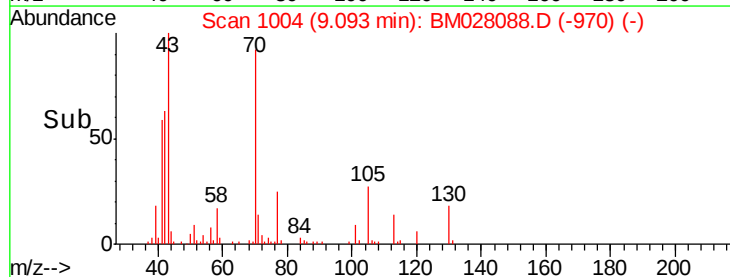
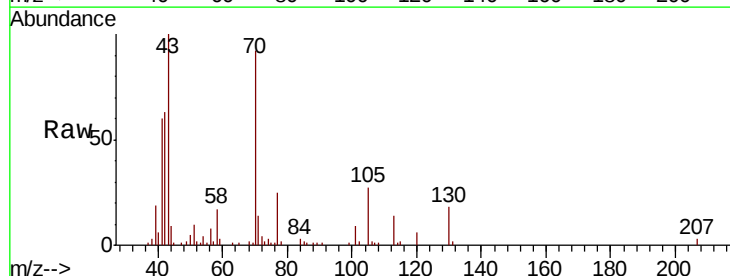
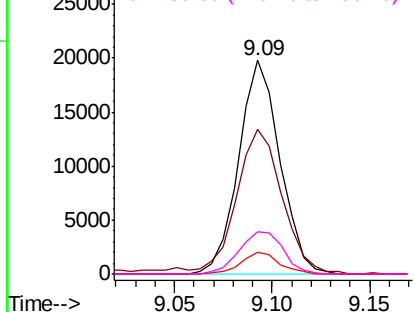
Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 51.00 (50.70 to 51.70): BM0

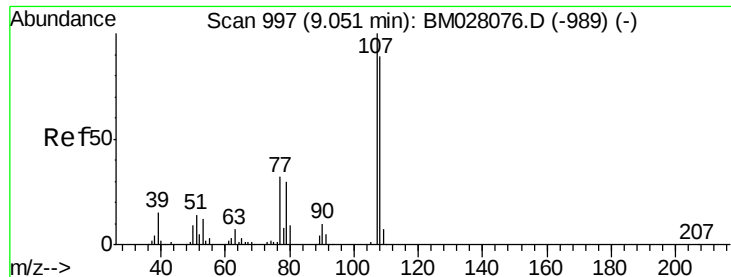


#17
N-Nitroso-di-n-propylamine
Concen: 2.840 ng/ul
RT: 9.09 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BM028088.D
Acq: 09 Dec 2020 02:00

Tgt Ion	Ratio	Lower	Upper
70	100		
42	68.0	55.0	82.4
101	10.0	8.6	12.8
130	19.7	17.6	26.4

Abundance Ion 70.00 (69.70 to 70.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

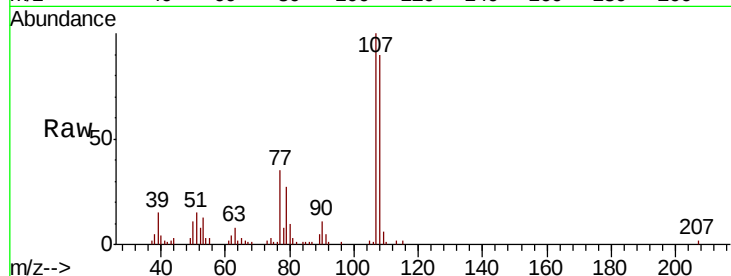




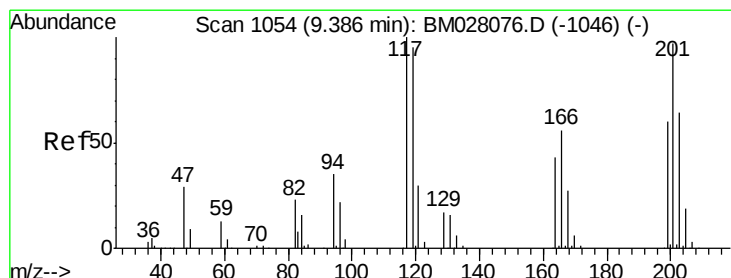
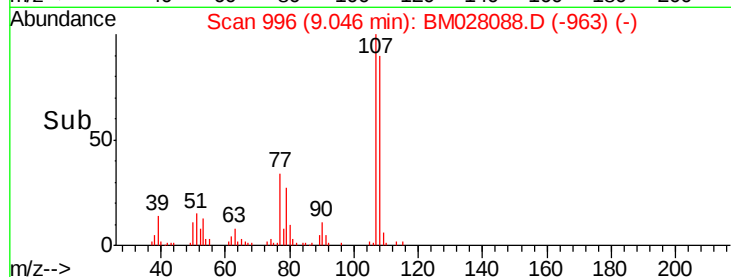
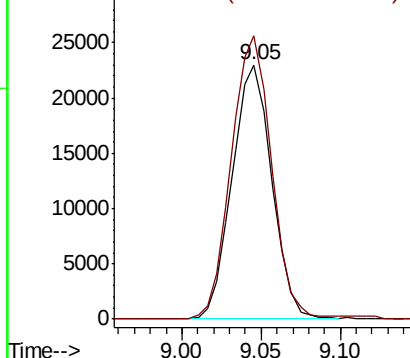
#18
4-Methylphenol
Concen: 2.829 ng/ul
RT: 9.05 min Scan# 996
Delta R.T. -0.01 min
Lab File: BM028088.D
Acq: 09 Dec 2020 02:00

Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-07

Tot Ion:108 Resp: 40114
Ion Ratio Lower Upper
108 100
107 111.5 89.8 134.6

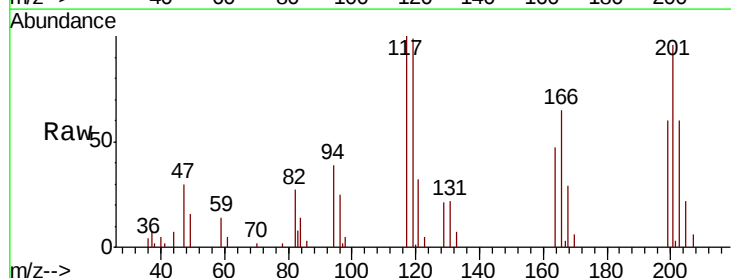


Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

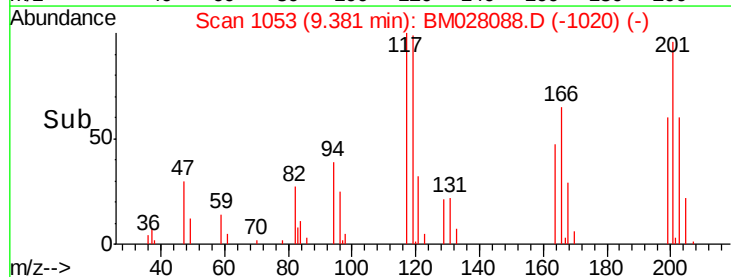
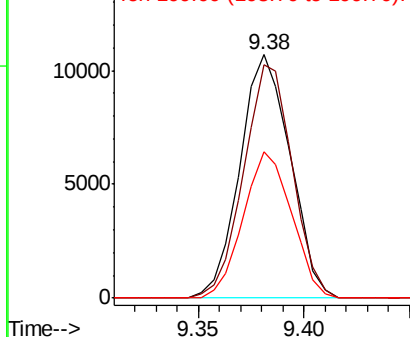


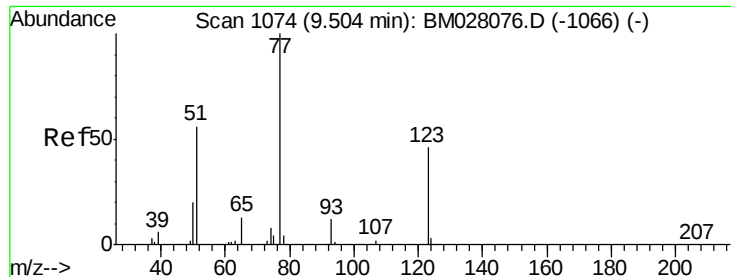
#19
Hexachloroethane
Concen: 2.836 ng/ul
RT: 9.38 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BM028088.D
Acq: 09 Dec 2020 02:00

Tgt Ion:117 Resp: 17714
Ion Ratio Lower Upper
117 100
201 99.2 76.9 115.3
199 60.3 50.0 75.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E





#22

Nitrobenzene

Concen: 2.902 ng/ul

RT: 9.50 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

Instrument :

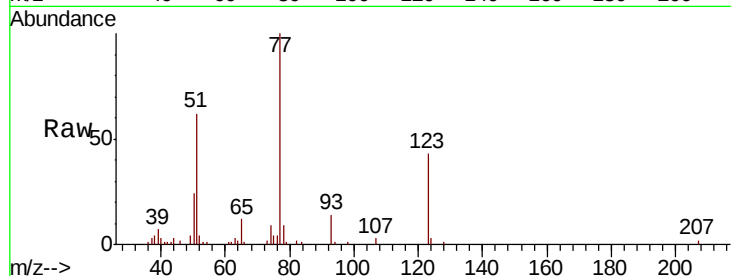
BNA_M

ClientSampleId :

MDL-ME-SOIL-07

Tot Ion: 77 Resp: 47186

Ion	Ratio	Lower	Upper
77	100		
123	43.3	37.9	56.9
65	12.4	11.1	16.7

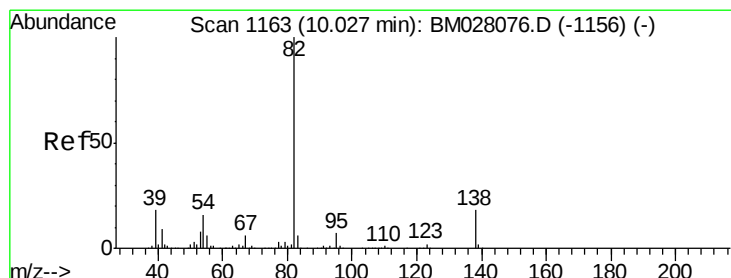
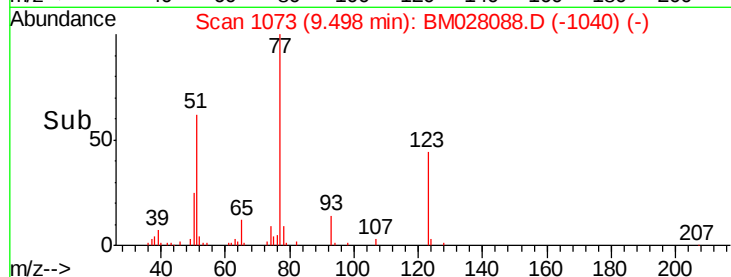
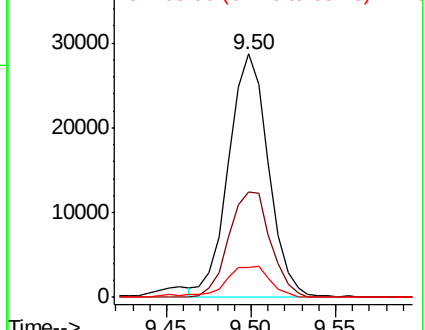


Abundance

Ion 77.00 (76.70 to 77.70): BM028076.D (-1066) (-)

Ion 123.00 (122.70 to 123.70): BM028076.D (-1066) (-)

Ion 65.00 (64.70 to 65.70): BM028076.D (-1066) (-)



#23

Isophorone

Concen: 2.706 ng/ul

RT: 10.03 min Scan# 1163

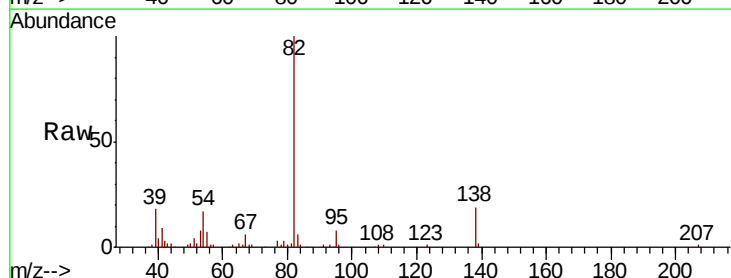
Delta R.T. 0.00 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

Tgt Ion: 82 Resp: 77939

Ion	Ratio	Lower	Upper
82	100		
95	7.8	5.6	8.4
138	19.0	13.5	20.3

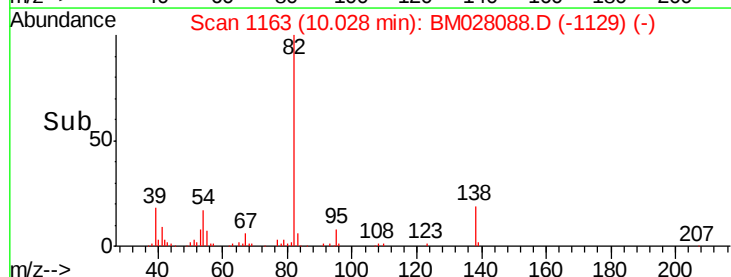
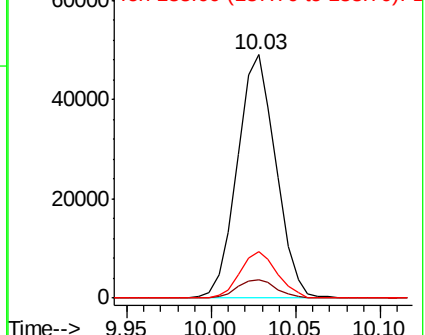


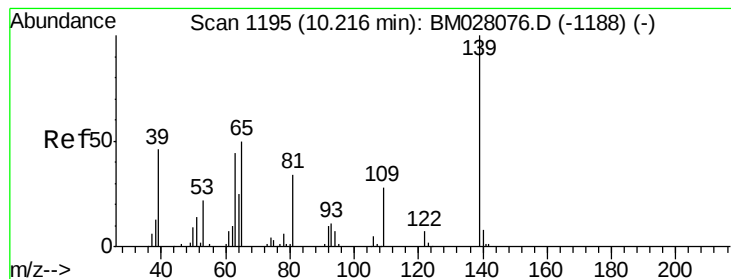
Abundance

Ion 82.00 (81.70 to 82.70): BM028076.D (-1156) (-)

Ion 95.00 (94.70 to 95.70): BM028076.D (-1156) (-)

Ion 138.00 (137.70 to 138.70): BM028076.D (-1156) (-)





#25

2-Nitrophenol

Concen: 2.941 ng/ul

RT: 10.22 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-07

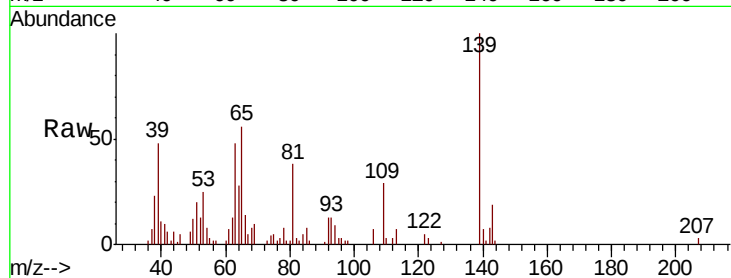
Tot Ion:139 Resp: 22484

Ion Ratio Lower Upper

139 100

65 55.9 43.0 64.6

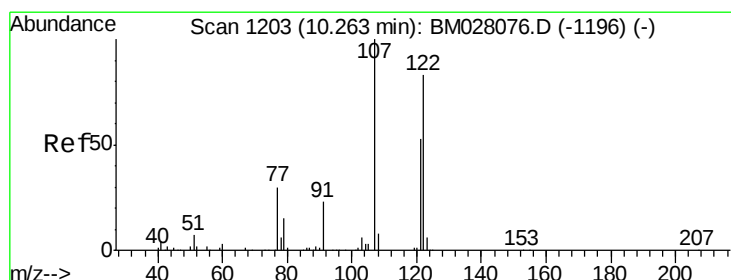
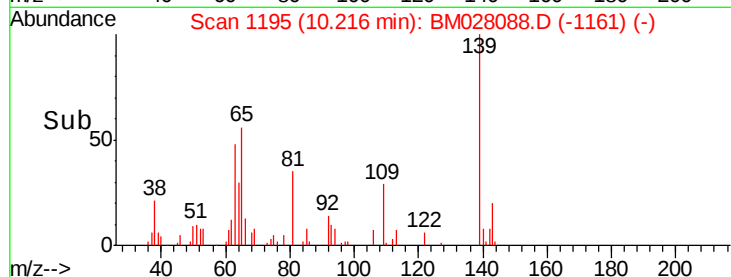
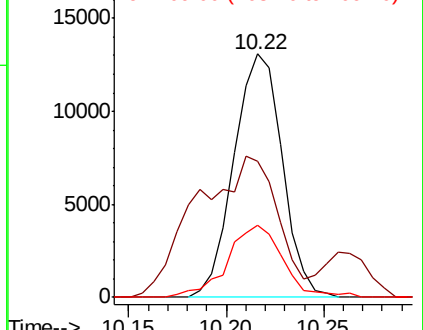
109 29.4 23.7 35.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM0

Ion 109.00 (108.70 to 109.70): E



#26

2,4-Dimethylphenol

Concen: 2.797 ng/ul

RT: 10.26 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

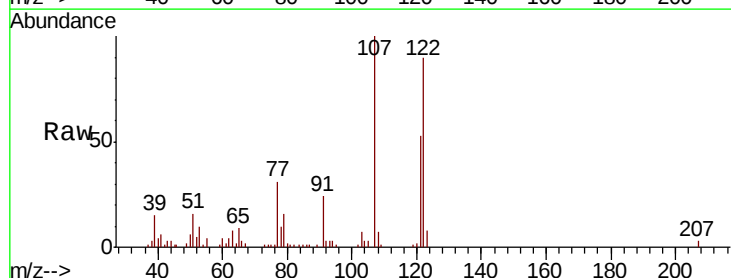
Tgt Ion:107 Resp: 43188

Ion Ratio Lower Upper

107 100

121 53.0 42.3 63.5

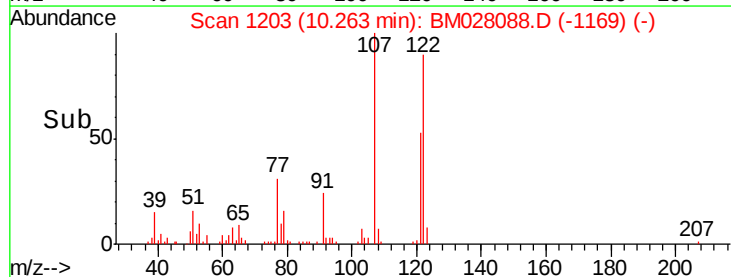
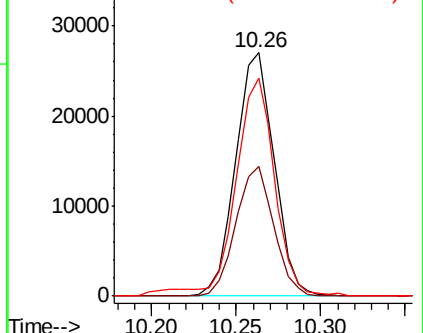
122 89.7 70.3 105.5

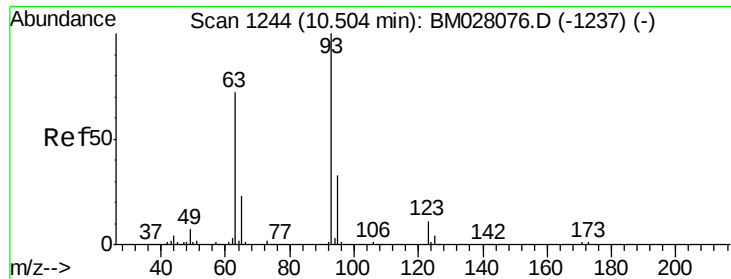


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E

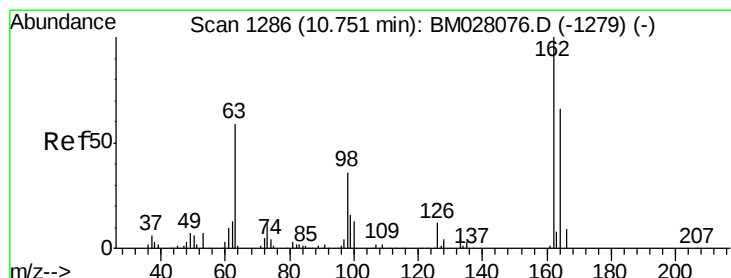
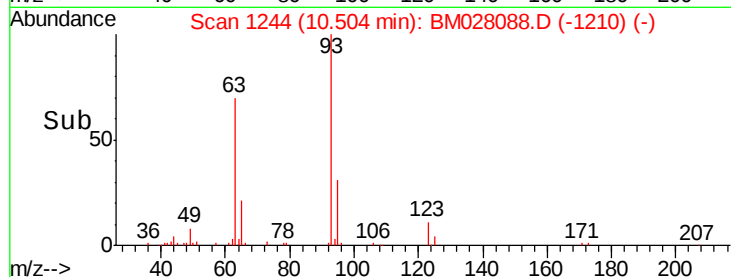
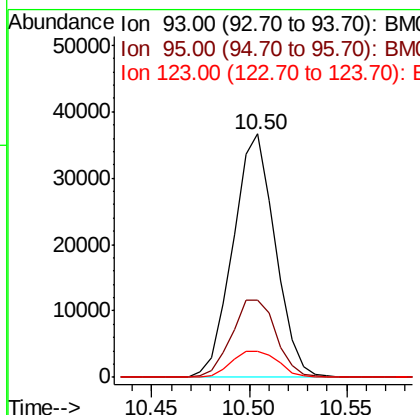
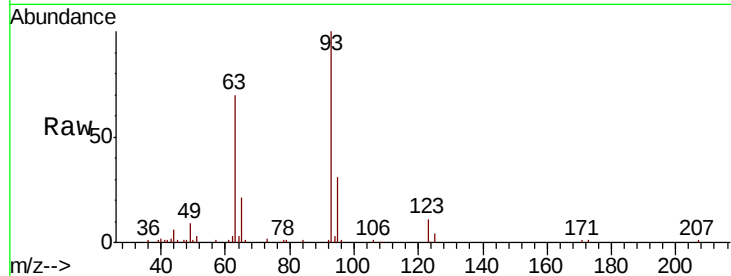




#27
 Bis(2-Chloroethoxy)methane
 Concen: 2.818 ng/ul
 RT: 10.50 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BM028088.D
 Acq: 09 Dec 2020 02:00

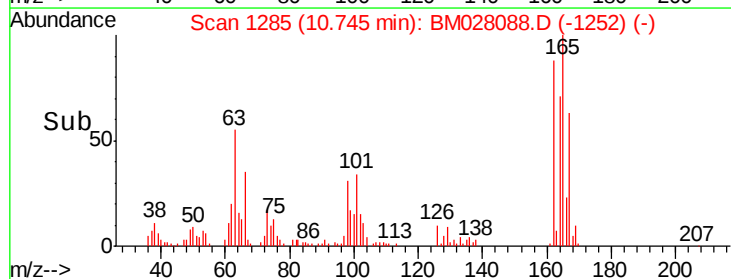
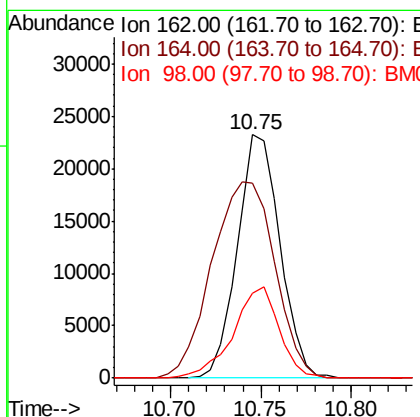
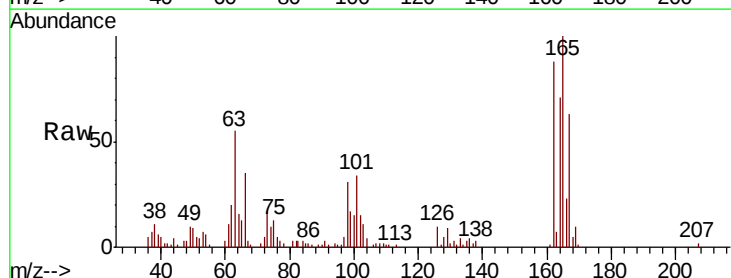
Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-07

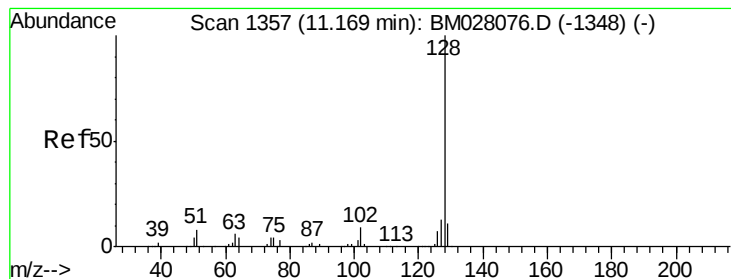
Tot Ion: 93 Resp: 54946
 Ion Ratio Lower Upper
 93 100
 95 31.5 26.1 39.1
 123 10.8 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 2.843 ng/ul
 RT: 10.75 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BM028088.D
 Acq: 09 Dec 2020 02:00

Tgt Ion:162 Resp: 37941
 Ion Ratio Lower Upper
 162 100
 164 80.3 52.9 79.3#
 98 34.9 29.8 44.6

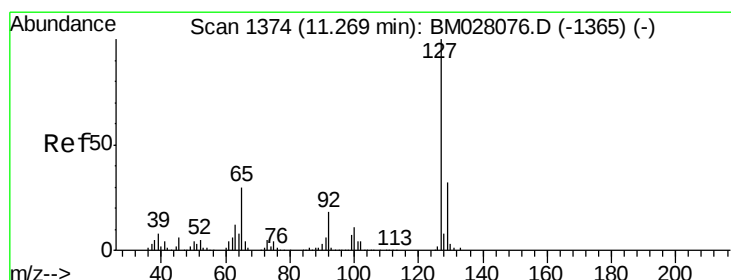
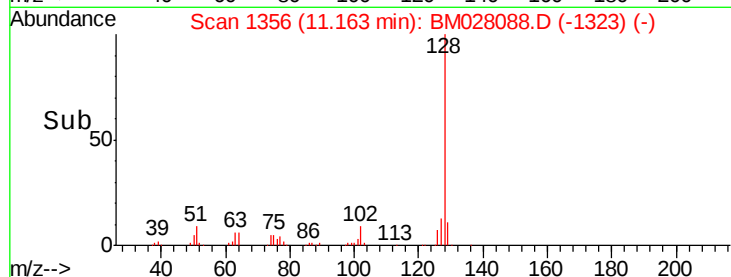
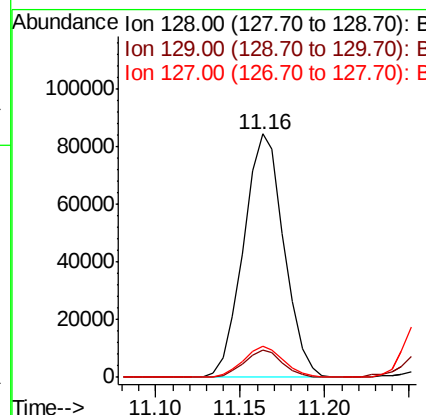
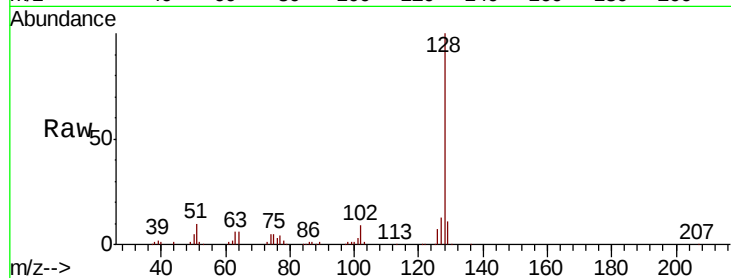




#30
Naphthalene
Concen: 2.930 ng/ul
RT: 11.16 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BM028088.D
Acq: 09 Dec 2020 02:00

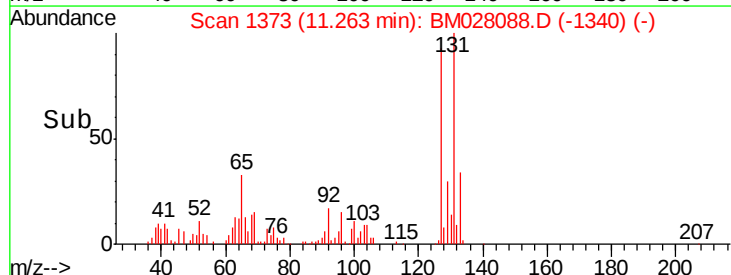
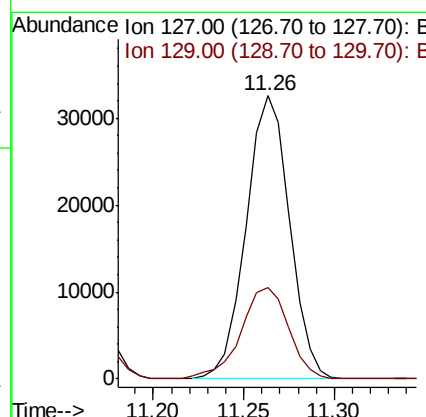
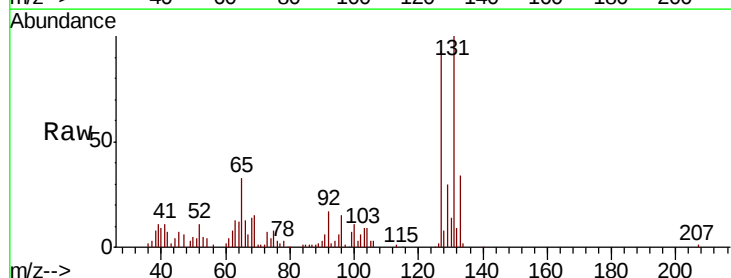
Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-07

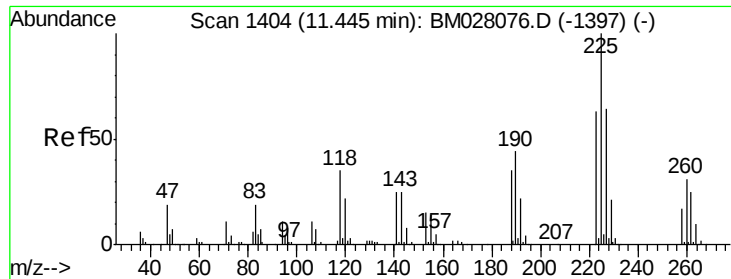
Tot Ion:128 Resp: 140515
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 12.8 10.7 16.1



#32
4-Chloroaniline
Concen: 2.951 ng/ul
RT: 11.26 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BM028088.D
Acq: 09 Dec 2020 02:00

Tgt Ion:127 Resp: 54307
Ion Ratio Lower Upper
127 100
129 32.4 26.1 39.1





#33

Hexachlorobutadiene

Concen: 2.855 ng/ul

RT: 11.45 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-07

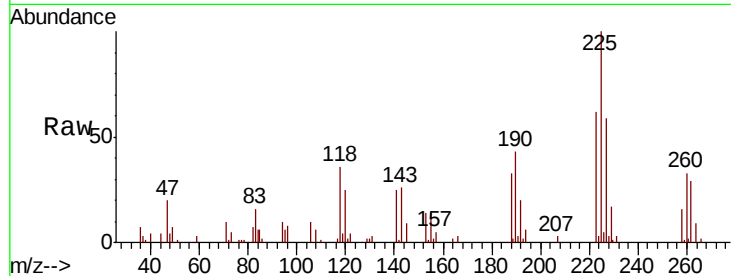
Tot Ion:225 Resp: 24829

Ion Ratio Lower Upper

225 100

223 62.2 52.0 78.0

227 59.0 51.0 76.6

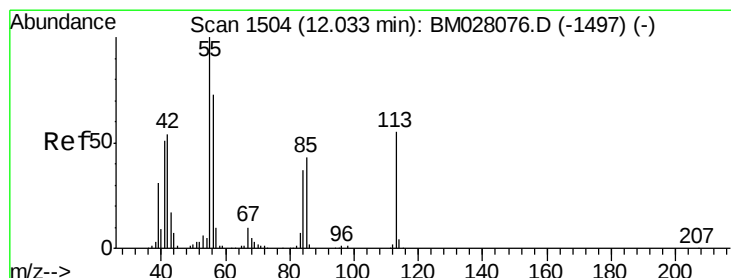
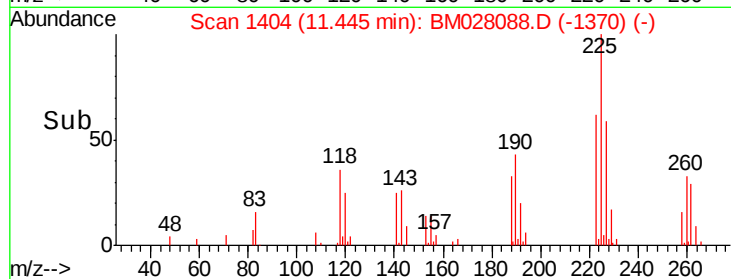
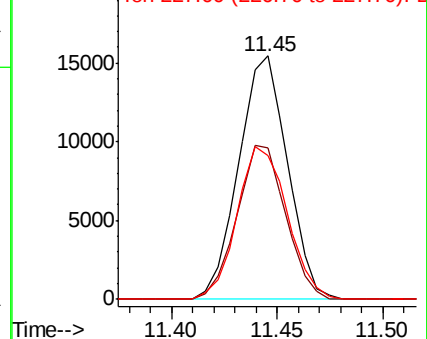


Abundance

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



#34

Caprolactam

Concen: 1.208 ng/ul

RT: 12.04 min Scan# 1505

Delta R.T. 0.01 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

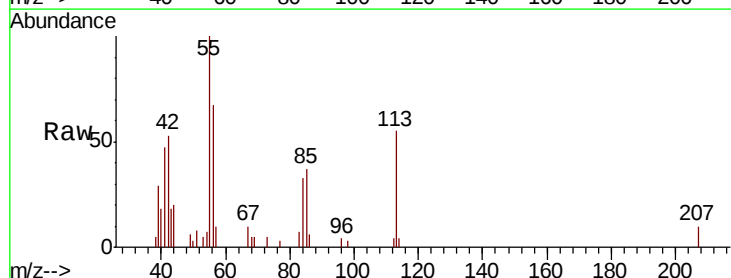
Tgt Ion:113 Resp: 5058

Ion Ratio Lower Upper

113 100

55 182.7 155.7 233.5

56 122.7 119.0 178.6

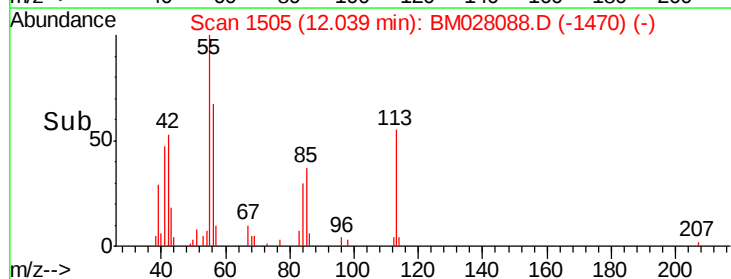
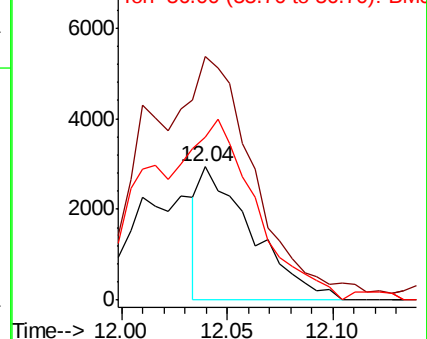


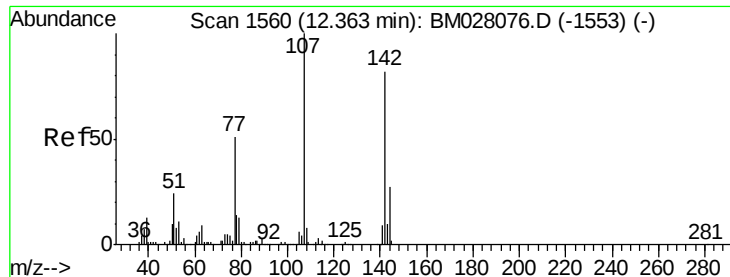
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM

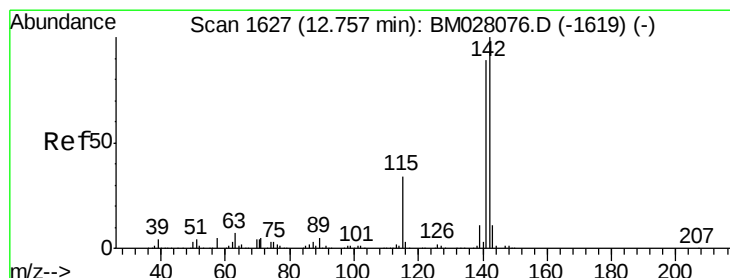
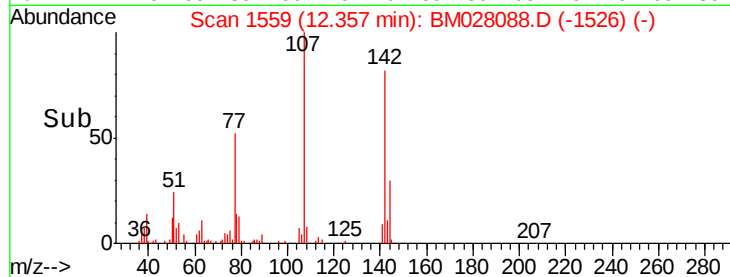
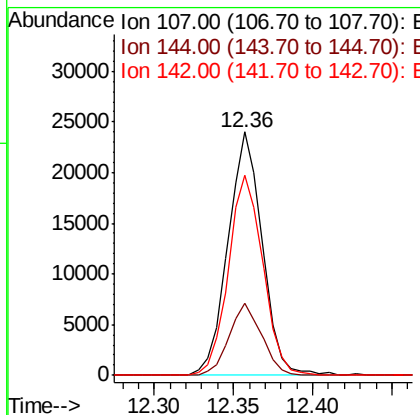
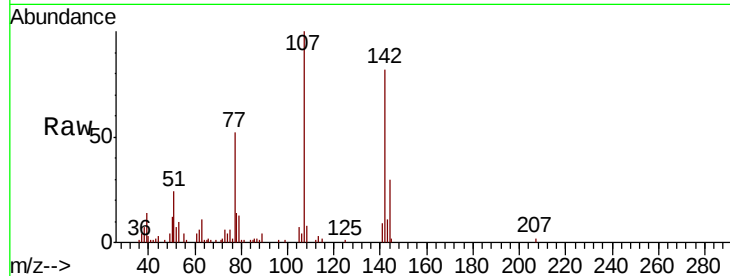




#35
 4-Chloro-3-methylphenol
 Concen: 2.623 ng/ul
 RT: 12.36 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BM028088.D
 Acq: 09 Dec 2020 02:00

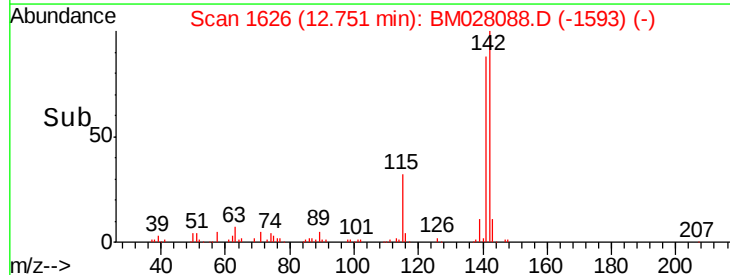
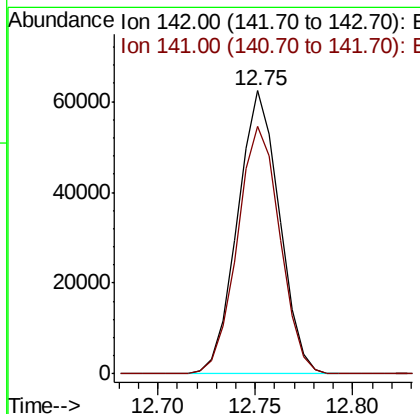
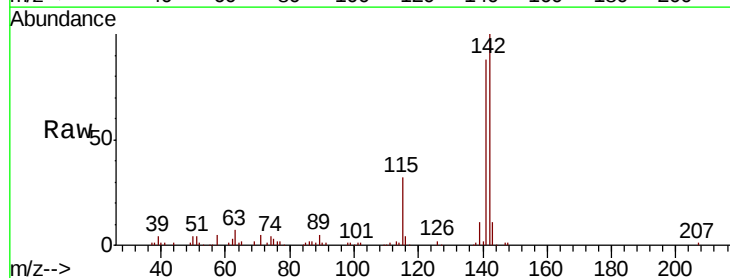
Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-07

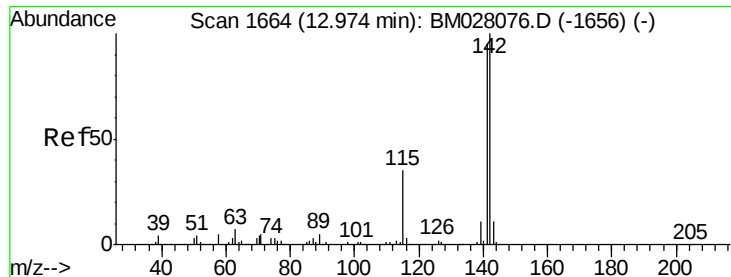
Tot Ion:107 Resp: 35995
 Ion Ratio Lower Upper
 107 100
 144 29.6 20.4 30.6
 142 82.1 64.9 97.3



#36
 2-Methylnaphthalene
 Concen: 2.845 ng/ul
 RT: 12.75 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BM028088.D
 Acq: 09 Dec 2020 02:00

Tgt Ion:142 Resp: 92751
 Ion Ratio Lower Upper
 142 100
 141 87.5 72.2 108.4

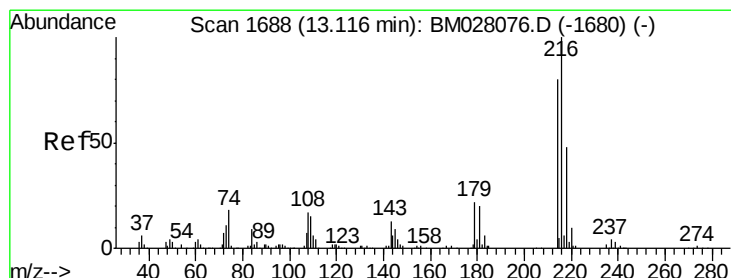
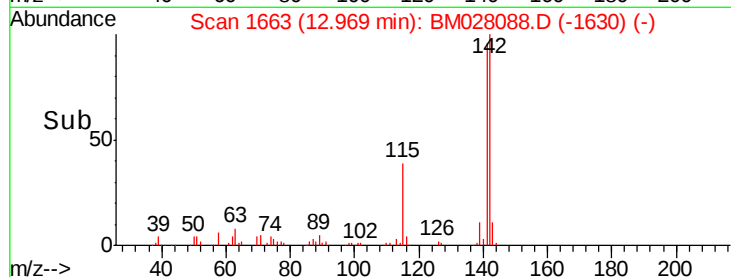
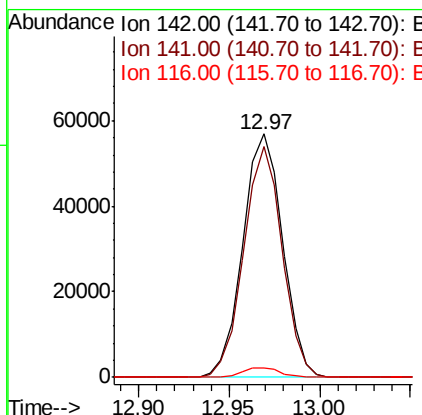
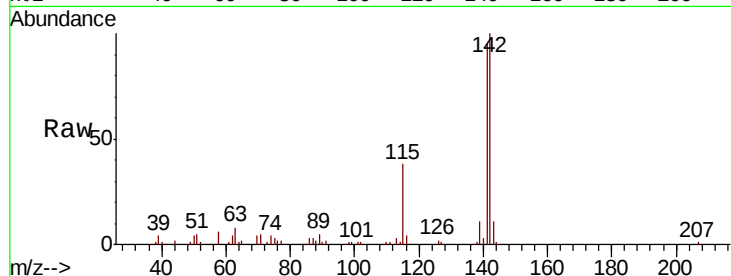




#37
1-Methylnaphthalene
Concen: 2.777 ng/ul
RT: 12.97 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BM028088.D
Acq: 09 Dec 2020 02:00

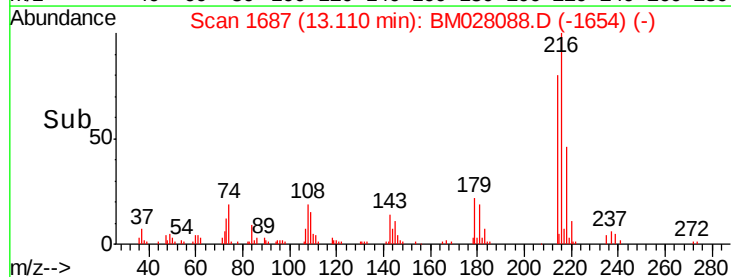
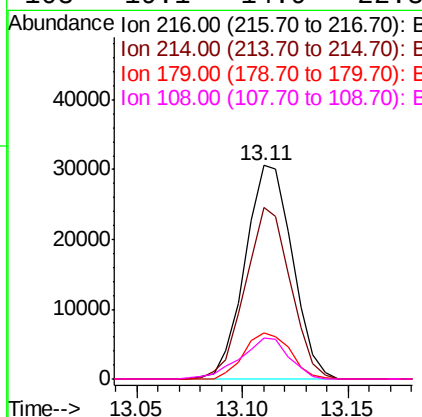
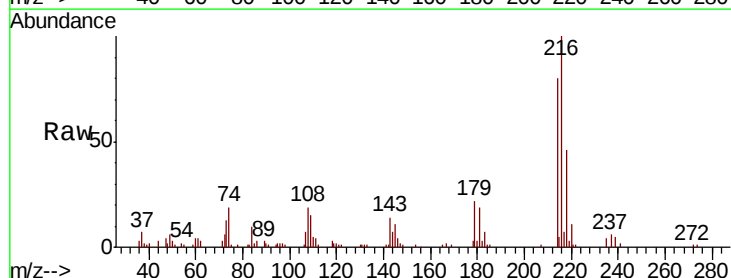
Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-07

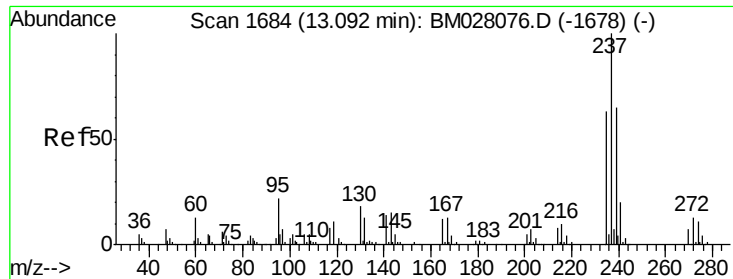
Tot Ion:142 Resp: 87081
Ion Ratio Lower Upper
142 100
141 94.8 75.4 113.0
116 3.7 2.9 4.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.874 ng/ul
RT: 13.11 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BM028088.D
Acq: 09 Dec 2020 02:00

Tgt Ion:216 Resp: 47731
Ion Ratio Lower Upper
216 100
214 80.3 62.6 93.8
179 21.9 16.6 25.0
108 19.1 14.9 22.3

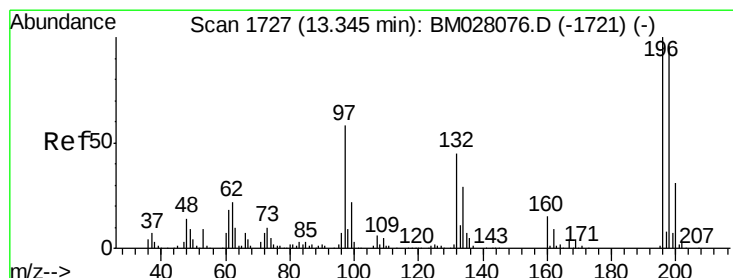
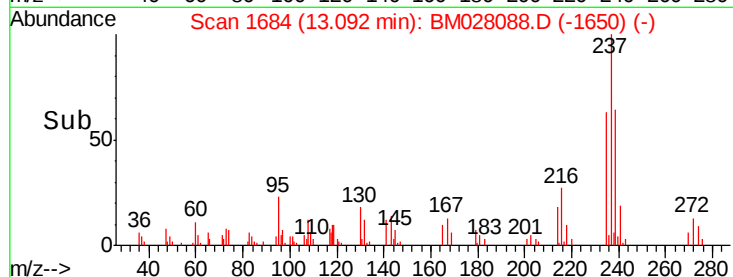
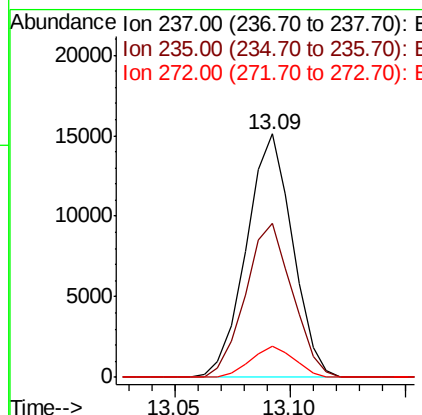
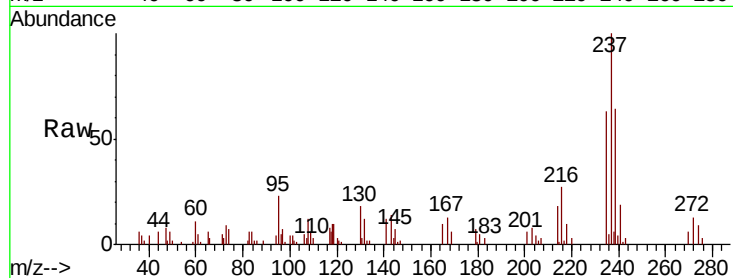




#40
Hexachlorocyclopentadiene
Concen: 2.165 ng/ul
RT: 13.09 min Scan# 1684
Delta R.T. 0.00 min
Lab File: BM028088.D
Acq: 09 Dec 2020 02:00

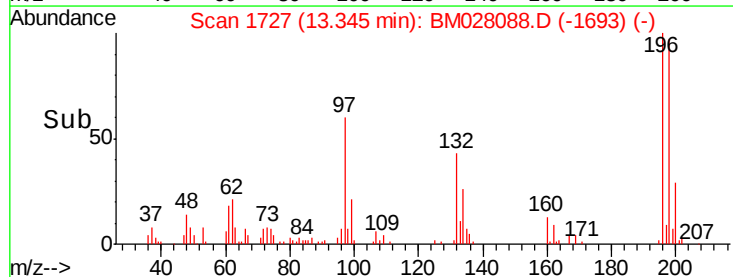
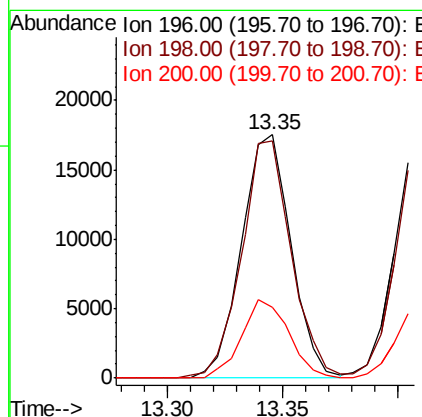
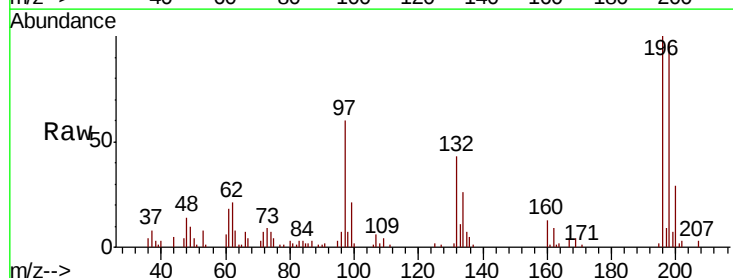
Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-07

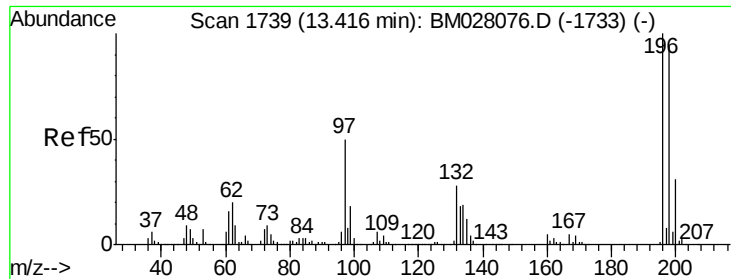
Tot Ion:237 Resp: 21082
Ion Ratio Lower Upper
237 100
235 63.2 50.4 75.6
272 12.9 10.2 15.4



#41
2,4,6-Trichlorophenol
Concen: 2.567 ng/ul
RT: 13.35 min Scan# 1727
Delta R.T. 0.00 min
Lab File: BM028088.D
Acq: 09 Dec 2020 02:00

Tgt Ion:196 Resp: 26177
Ion Ratio Lower Upper
196 100
198 97.3 76.6 114.8
200 28.9 24.6 37.0

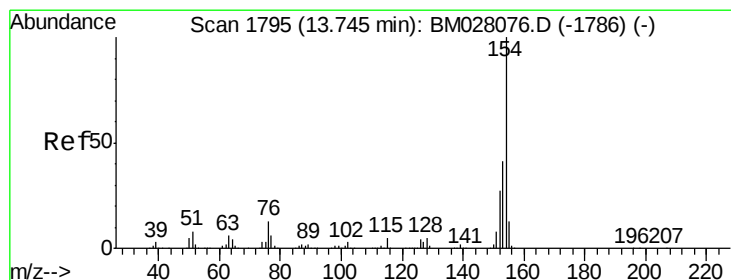
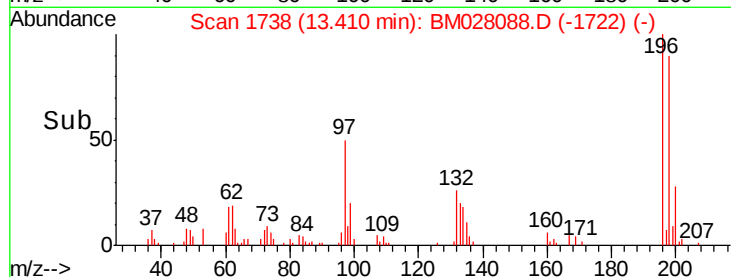
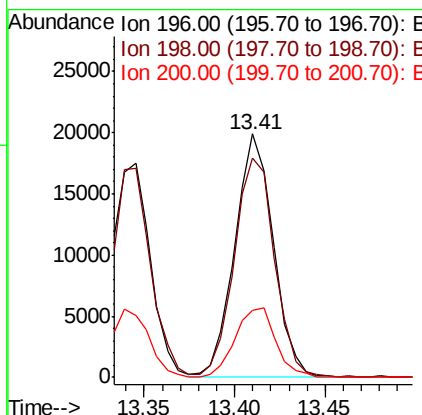
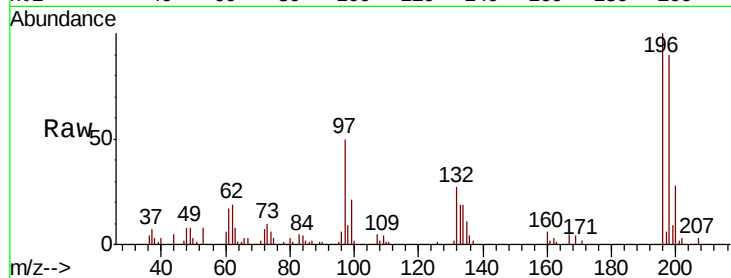




#42
 2,4,5-Trichlorophenol
 Concen: 2.679 ng/ul
 RT: 13.41 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BM028088.D
 Acq: 09 Dec 2020 02:00

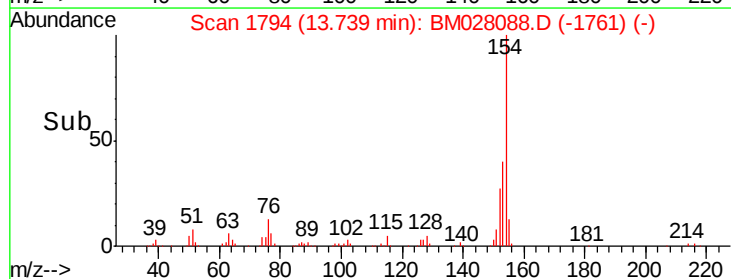
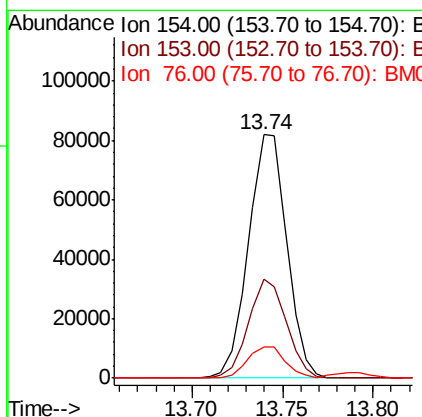
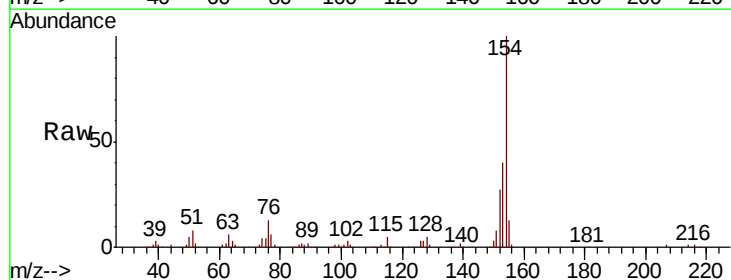
Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-07

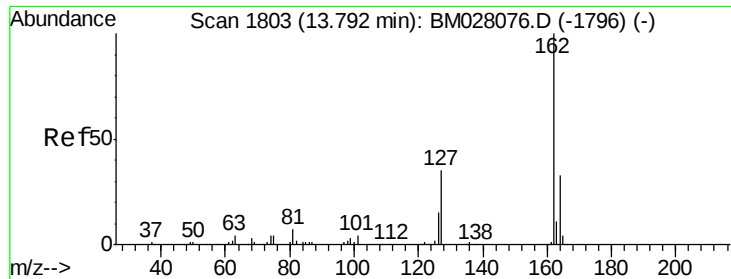
Tot Ion:196 Resp: 29523
 Ion Ratio Lower Upper
 196 100
 198 90.2 76.4 114.6
 200 27.6 24.3 36.5



#43
 1,1'-Biphenyl
 Concen: 2.833 ng/ul
 RT: 13.74 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BM028088.D
 Acq: 09 Dec 2020 02:00

Tgt Ion:154 Resp: 120833
 Ion Ratio Lower Upper
 154 100
 153 40.5 31.6 47.4
 76 13.0 10.4 15.6

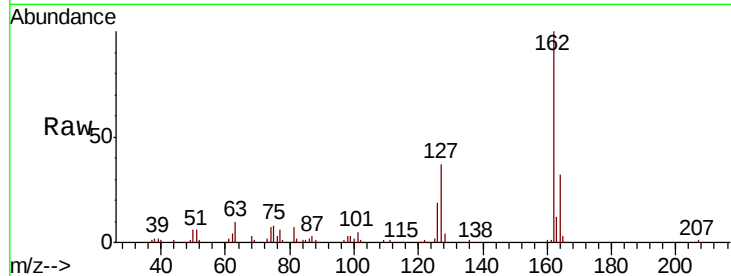




#44
 2-Chloronaphthalene
 Concen: 2.803 ng/ul
 RT: 13.79 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: BM028088.D
 Acq: 09 Dec 2020 02:00

Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-07

Tot Ion	Ratio	Lower	Upper
162	100		
164	32.2	26.4	39.6
127	37.3	30.6	46.0

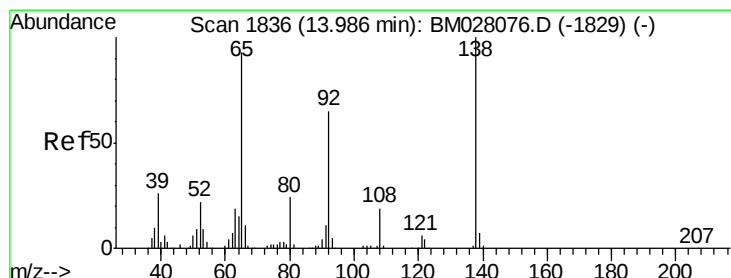
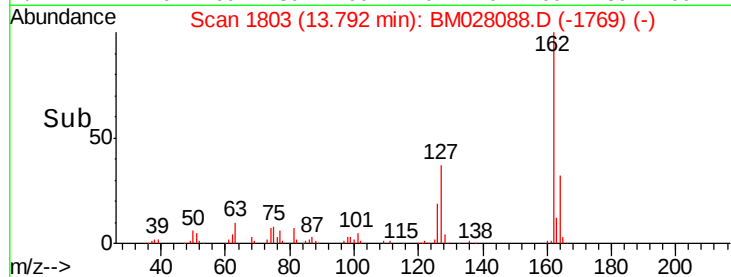
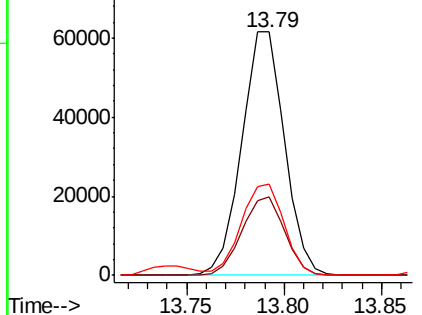


Abundance

Ion 162.00 (161.70 to 162.70): E

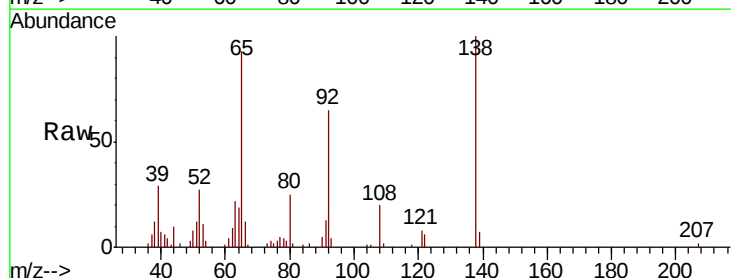
Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E



#45
 2-Nitroaniline
 Concen: 2.386 ng/ul
 RT: 13.98 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BM028088.D
 Acq: 09 Dec 2020 02:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.9	53.0	79.6
138	107.0	82.6	123.8

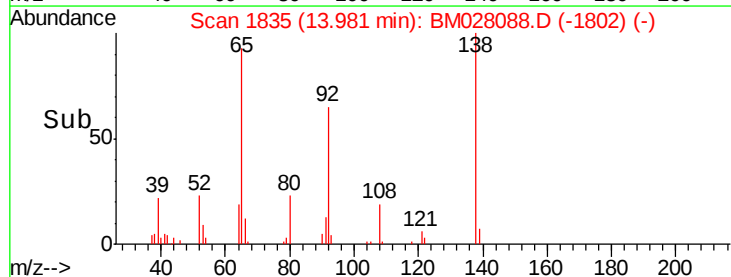
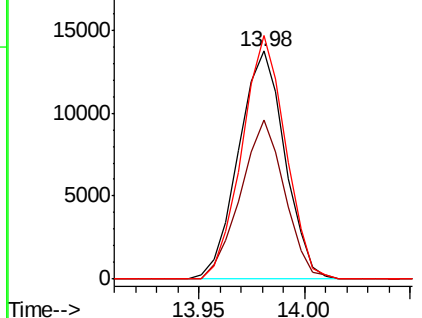


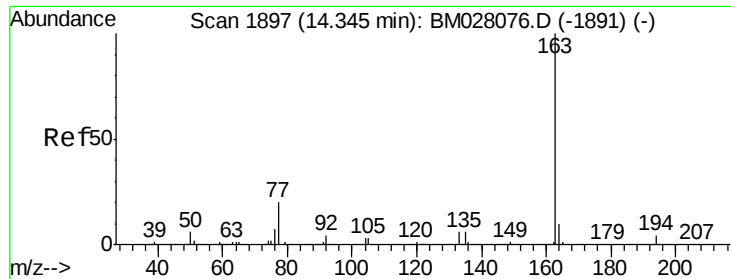
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#47

Dimethylphthalate

Concen: 2.848 ng/ul

RT: 14.35 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-07

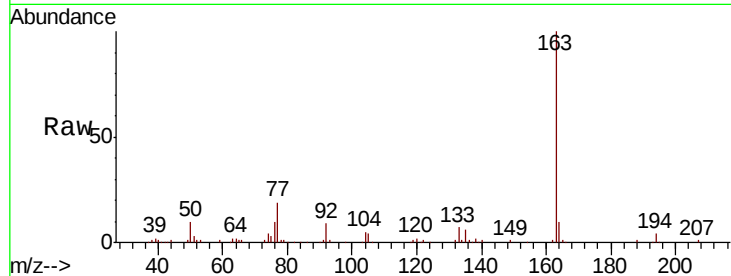
Tot Ion:163 Resp: 114880

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

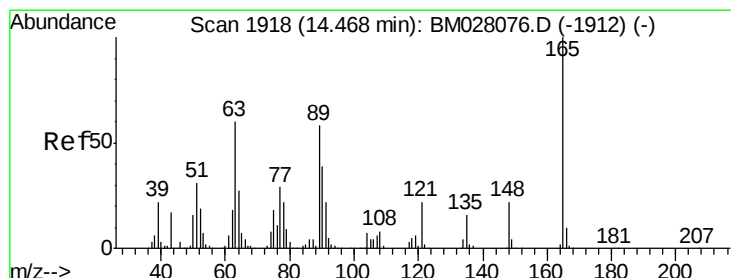
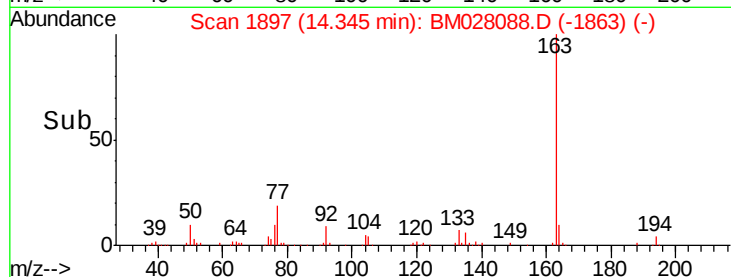
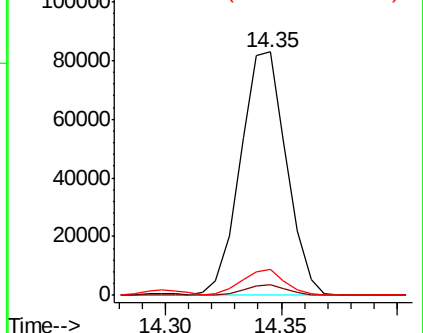
164 10.5 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2,6-Dinitrotoluene

Concen: 2.432 ng/ul

RT: 14.47 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

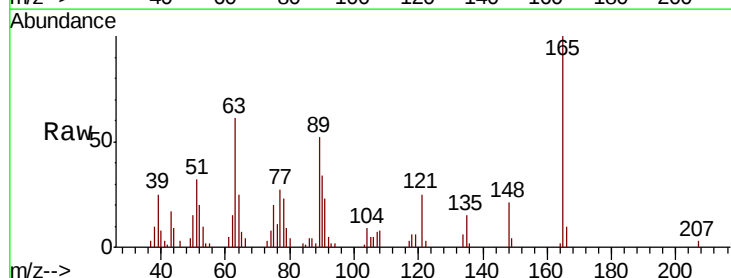
Tgt Ion:165 Resp: 18809

Ion Ratio Lower Upper

165 100

89 52.1 48.5 72.7

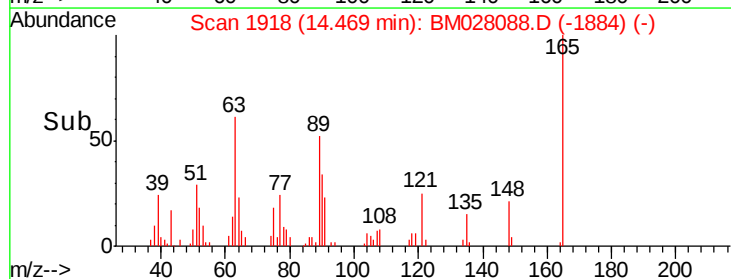
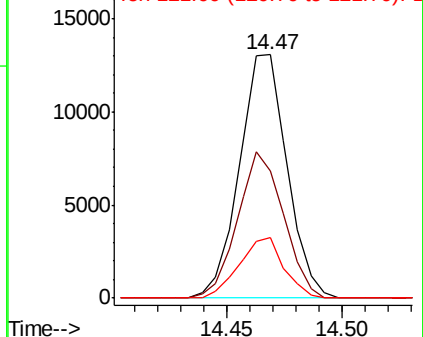
121 24.9 18.2 27.4

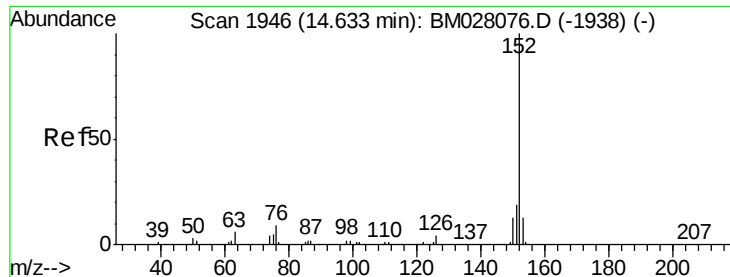


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#50

Acenaphthylene

Concen: 2.857 ng/ul

RT: 14.63 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-07

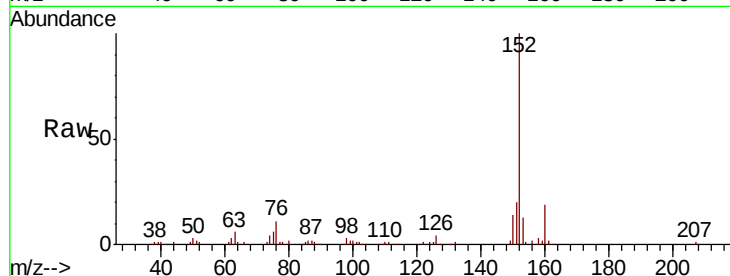
Tot Ion:152 Resp: 140579

Ion Ratio Lower Upper

152 100

151 19.6 15.6 23.4

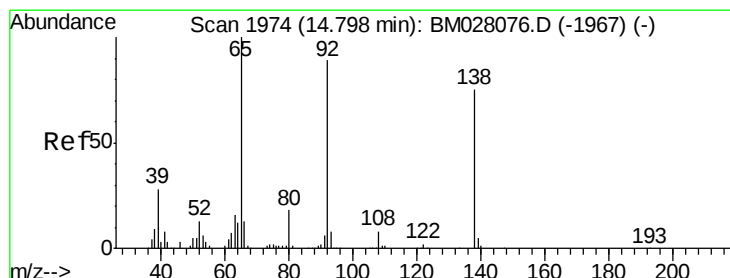
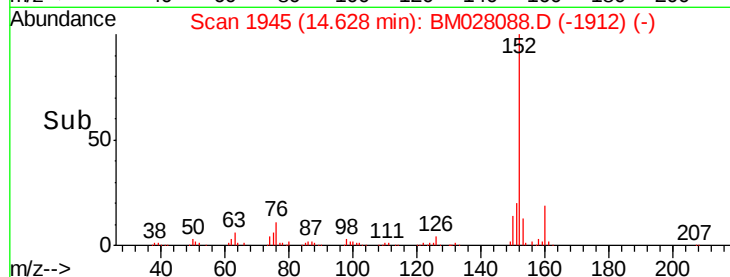
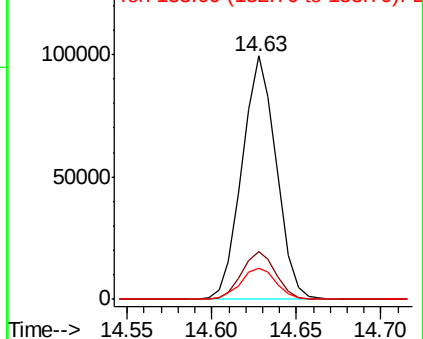
153 12.7 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#51

3-Nitroaniline

Concen: 2.577 ng/ul

RT: 14.79 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

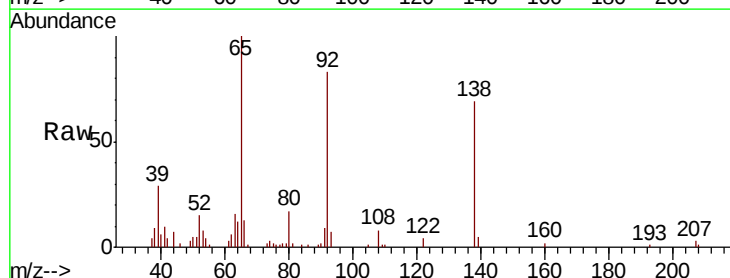
Tgt Ion:138 Resp: 18658

Ion Ratio Lower Upper

138 100

108 11.3 8.8 13.2

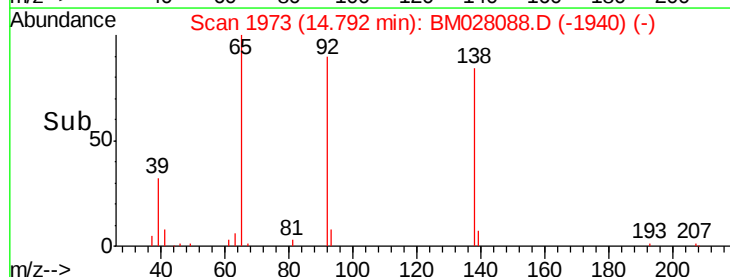
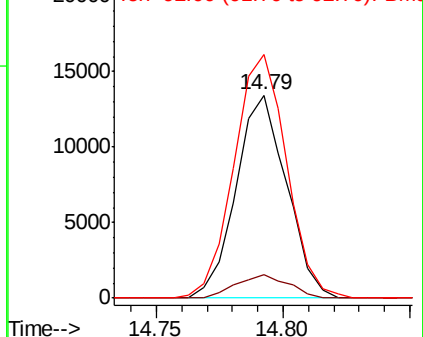
92 120.0 92.0 138.0

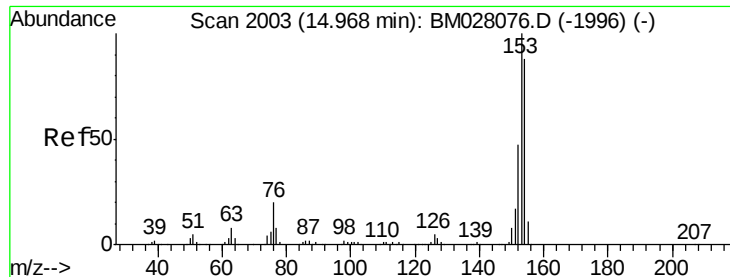


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#52

Acenaphthene

Concen: 2.863 ng/ul

RT: 14.96 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-07

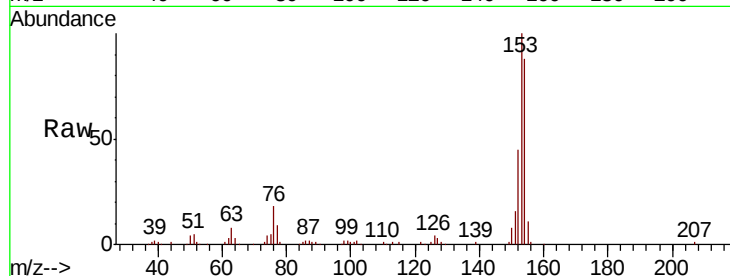
Tot Ion:153 Resp: 101571

Ion Ratio Lower Upper

153 100

152 45.3 36.0 54.0

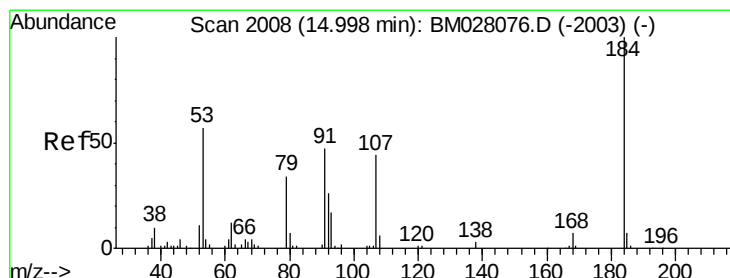
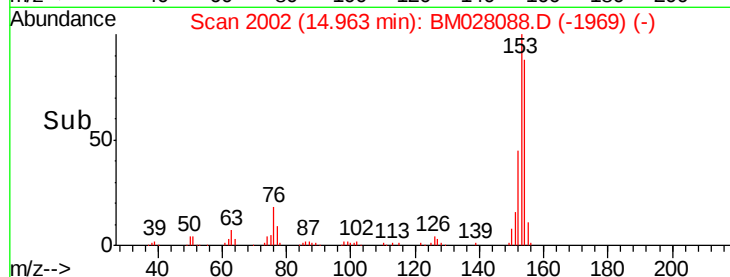
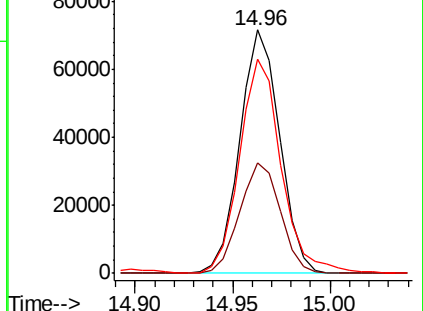
154 88.0 71.4 107.0



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

2,4-Dinitrophenol

Concen: 1.586 ng/ul

RT: 15.00 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

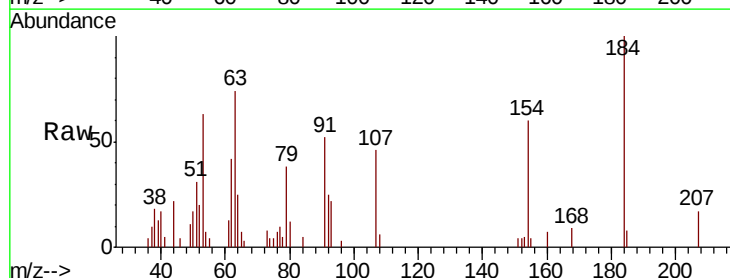
Tgt Ion:184 Resp: 7053

Ion Ratio Lower Upper

184 100

63 74.0 59.9 89.9

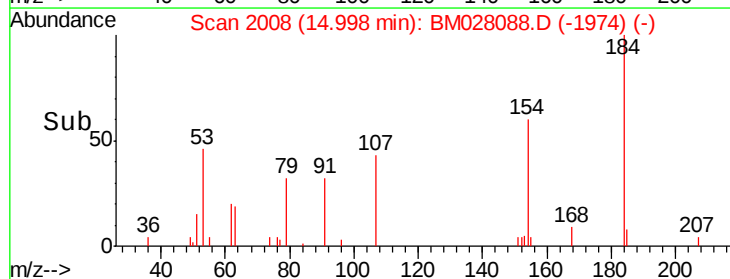
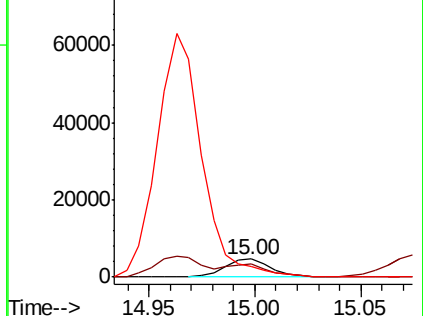
154 60.1 50.8 76.2

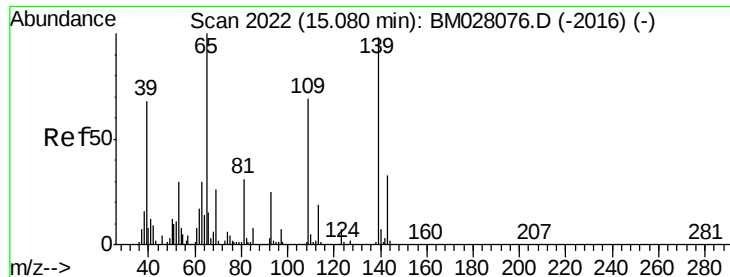


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

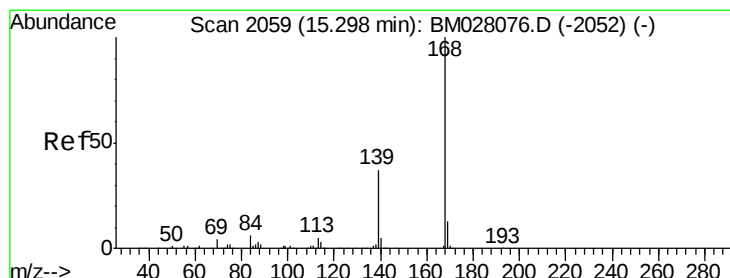
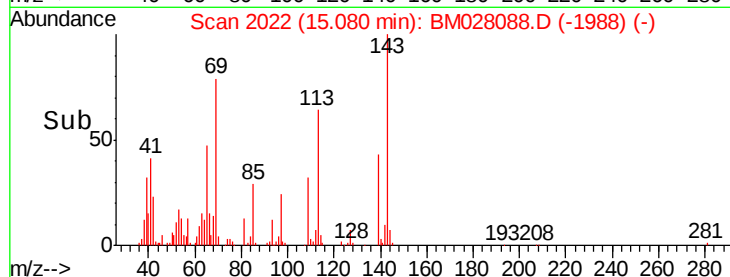
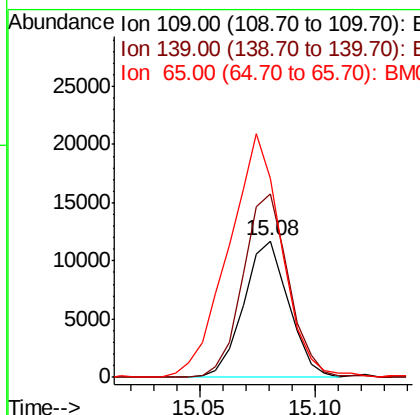
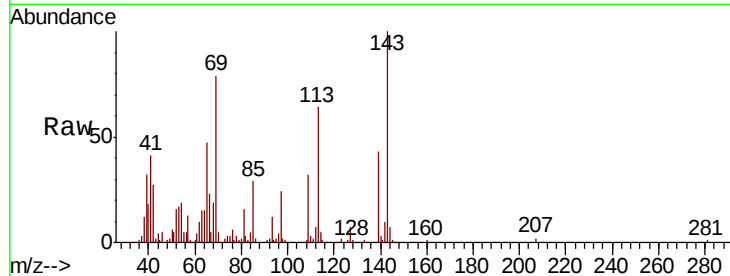




#55
4-Nitrophenol
Concen: 2.922 ng/ul
RT: 15.08 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BM028088.D
Acq: 09 Dec 2020 02:00

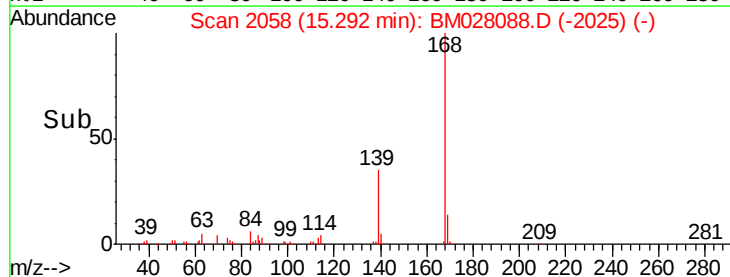
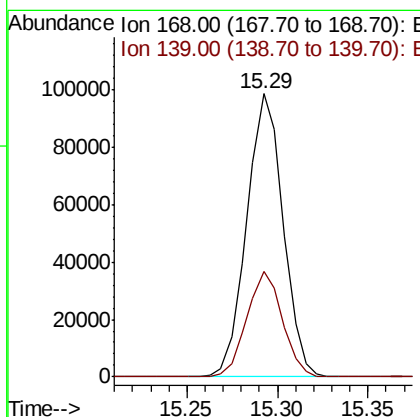
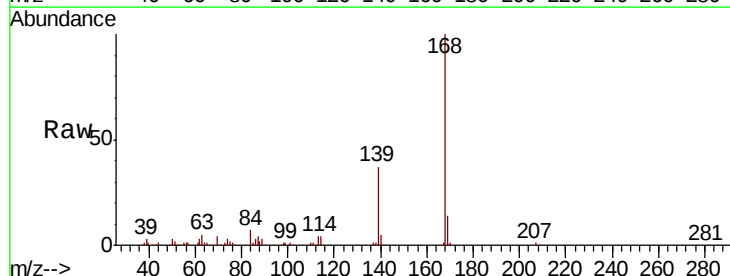
Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-07

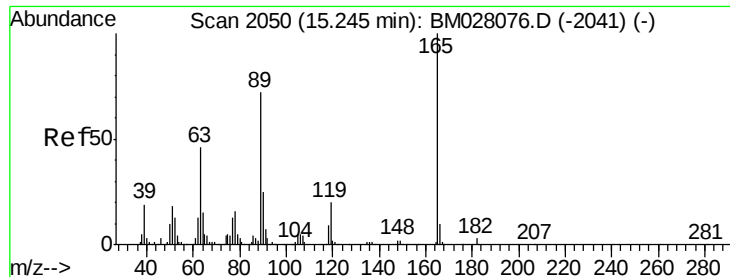
Tot Ion:109 Resp: 15930
Ion Ratio Lower Upper
109 100
139 134.8 115.3 172.9
65 145.9 118.6 177.8



#56
Dibenzofuran
Concen: 2.846 ng/ul
RT: 15.29 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BM028088.D
Acq: 09 Dec 2020 02:00

Tgt Ion:168 Resp: 137570
Ion Ratio Lower Upper
168 100
139 37.1 27.9 41.9

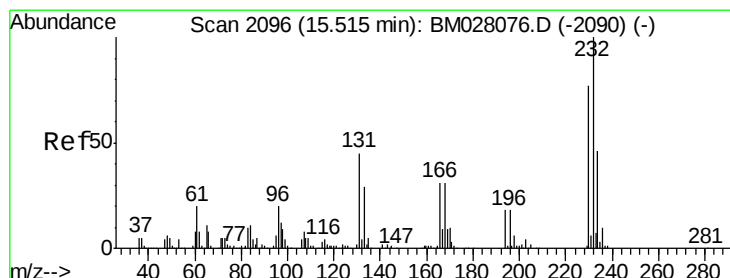
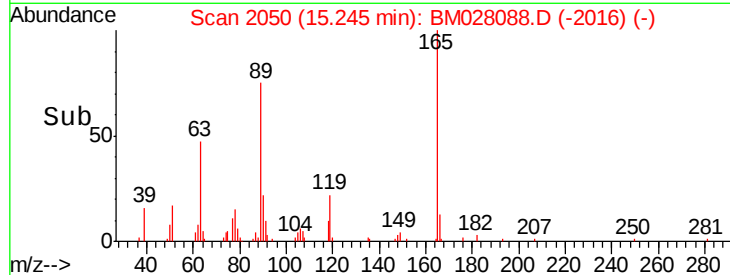
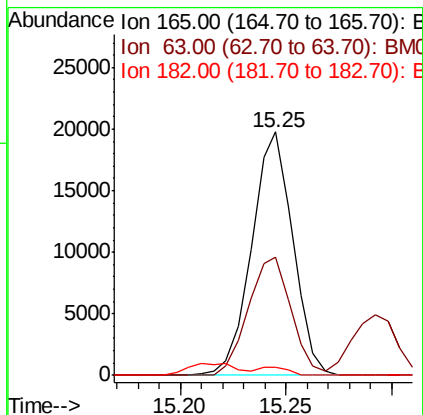
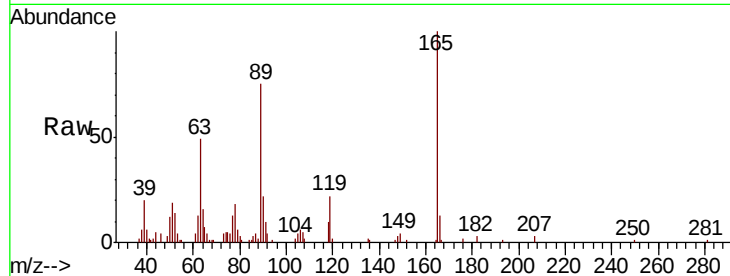




#57
 2,4-Dinitrotoluene
 Concen: 2.462 ng/ul
 RT: 15.25 min Scan# 2050
 Delta R.T. 0.00 min
 Lab File: BM028088.D
 Acq: 09 Dec 2020 02:00

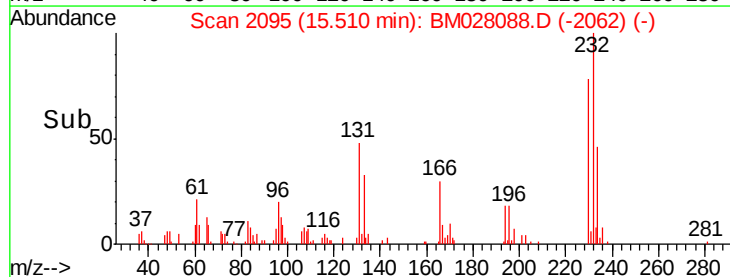
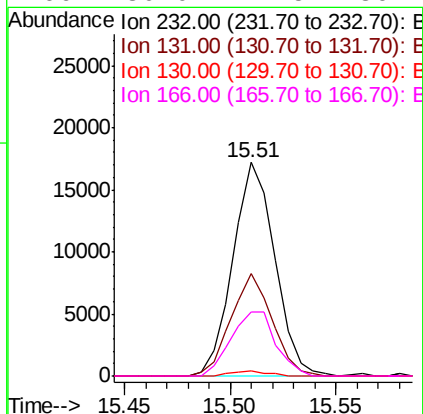
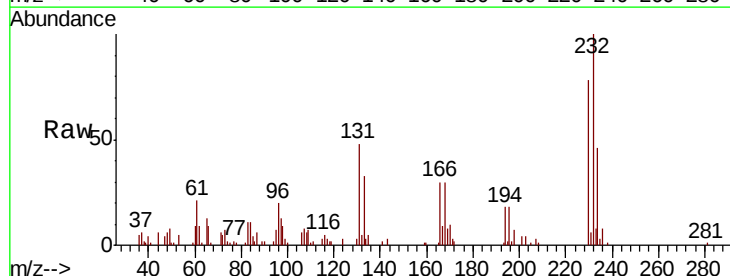
Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-07

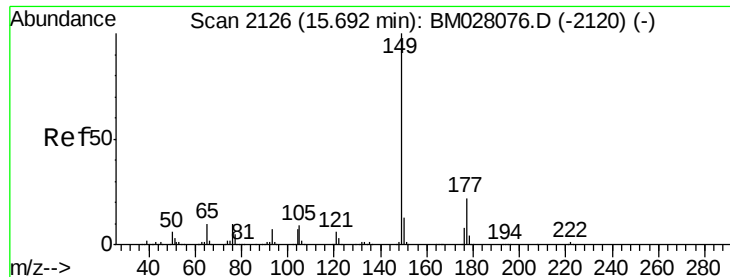
Tot Ion:165 Resp: 26742
 Ion Ratio Lower Upper
 165 100
 63 48.8 37.4 56.0
 182 3.1 2.6 4.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.532 ng/ul
 RT: 15.51 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BM028088.D
 Acq: 09 Dec 2020 02:00

Tgt Ion:232 Resp: 23592
 Ion Ratio Lower Upper
 232 100
 131 48.2 35.5 53.3
 130 2.6 1.9 2.9
 166 30.0 24.5 36.7

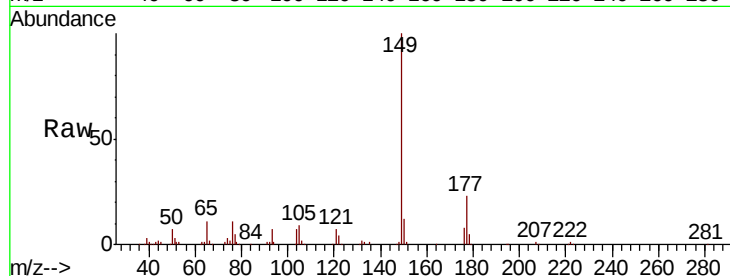




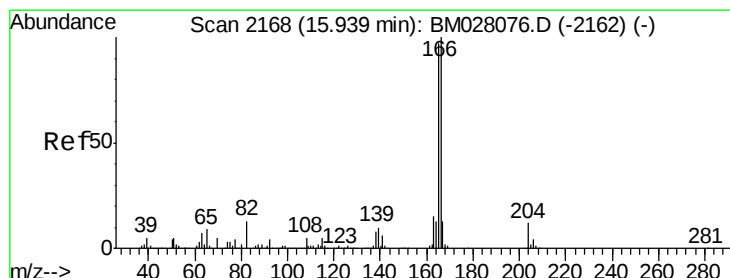
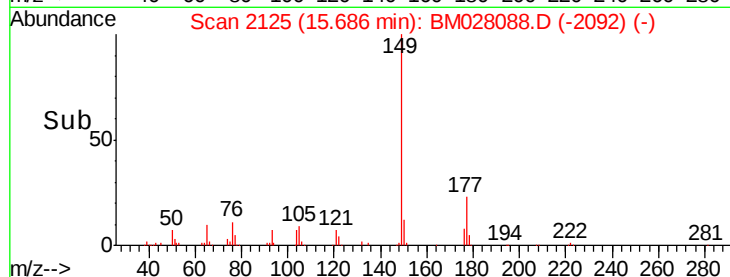
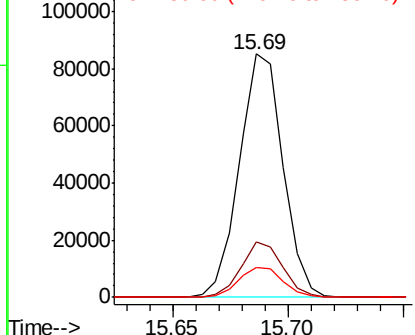
#59
Diethylphthalate
Concen: 2.728 ng/ul
RT: 15.69 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BM028088.D
Acq: 09 Dec 2020 02:00

Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-07

Tot Ion:149 Resp: 112175
Ion Ratio Lower Upper
149 100
177 22.6 17.4 26.0
150 12.4 9.9 14.9

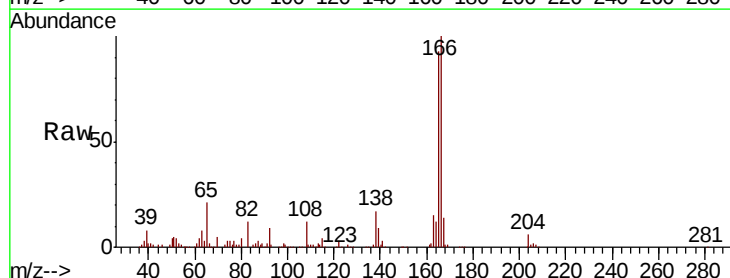


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

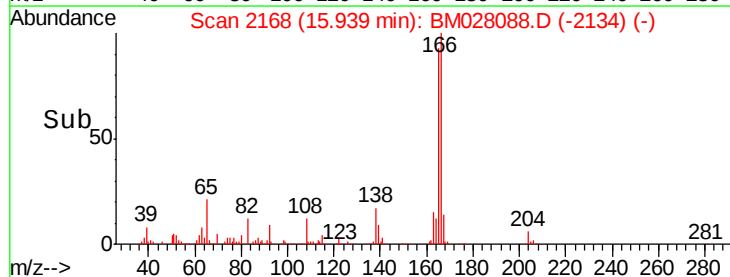
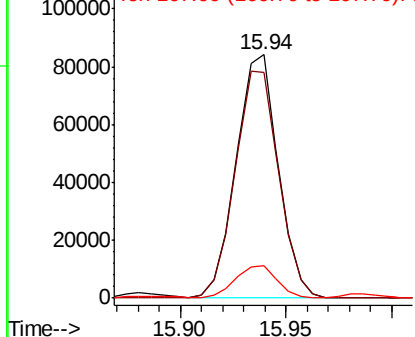


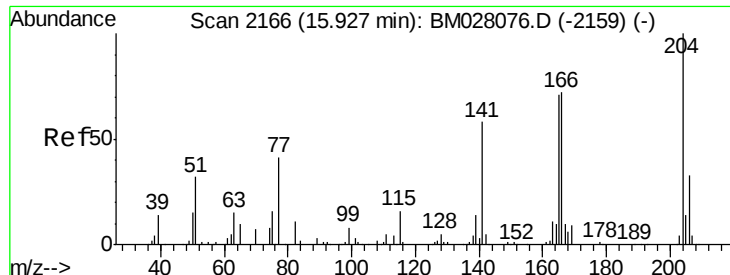
#61
Fluorene
Concen: 2.902 ng/ul
RT: 15.94 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BM028088.D
Acq: 09 Dec 2020 02:00

Tgt Ion:166 Resp: 116767
Ion Ratio Lower Upper
166 100
165 92.5 77.0 115.4
167 13.5 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

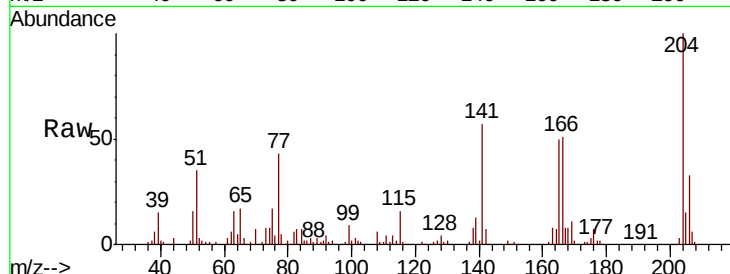




#62
 4-Chlorophenyl-phenylether
 Concen: 2.867 ng/ul
 RT: 15.92 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BM028088.D
 Acq: 09 Dec 2020 02:00

Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-07

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.6	38.4
141	56.8	47.0	70.4

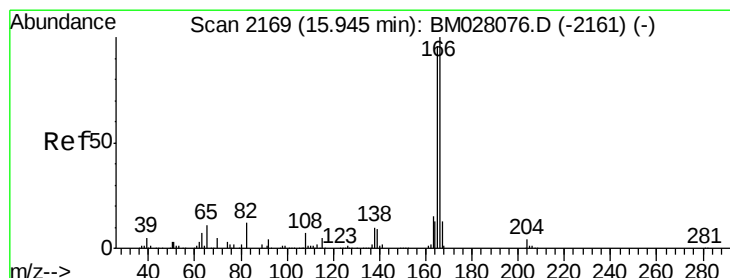
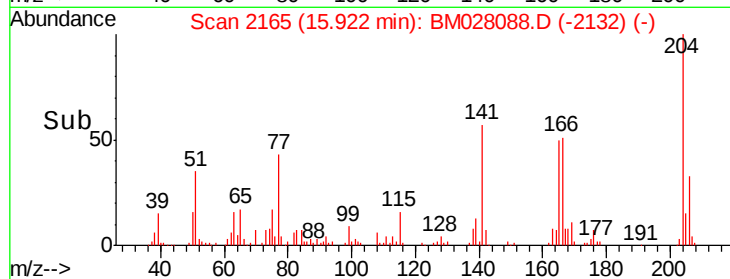
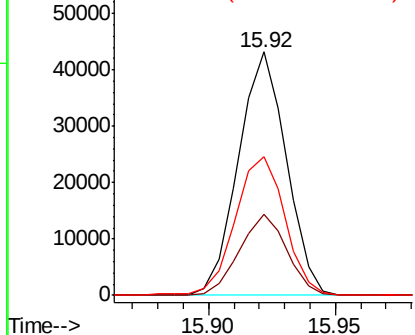


Abundance

Ion 204.00 (203.70 to 204.70): E

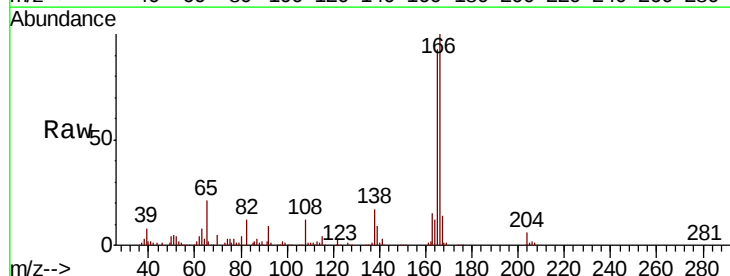
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#63
 4-Nitroaniline
 Concen: 3.408 ng/ul
 RT: 15.94 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BM028088.D
 Acq: 09 Dec 2020 02:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.6	40.6	60.8
108	74.8	55.8	83.6

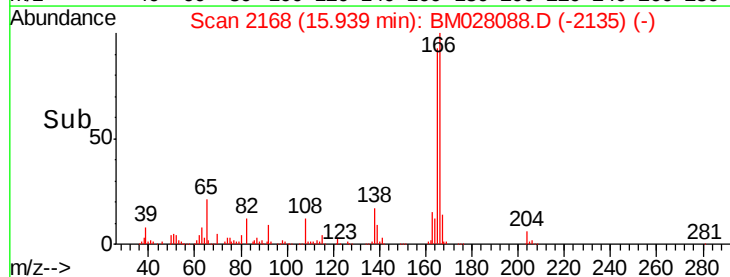
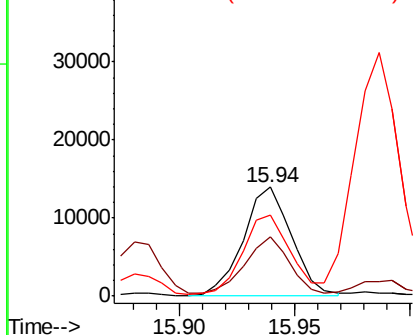


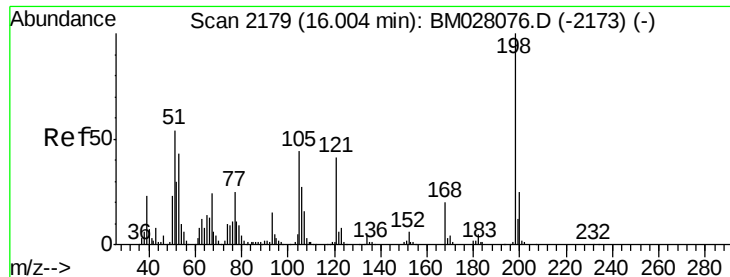
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





#66

4,6-Dinitro-2-methylphenol

Concen: 2.600 ng/ul

RT: 16.00 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-07

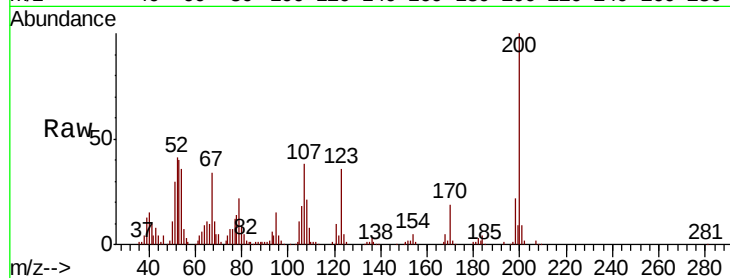
Tot Ion:198 Resp: 17853

Ion Ratio Lower Upper

198 100

182 13.7 3.6 5.4#

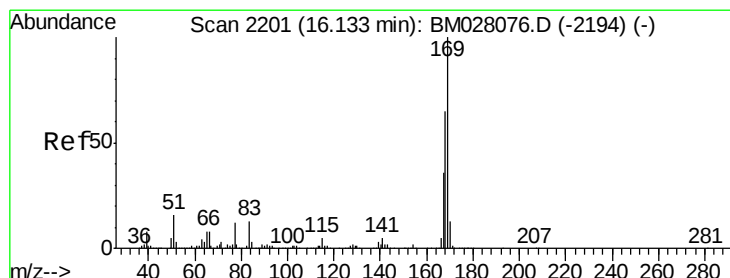
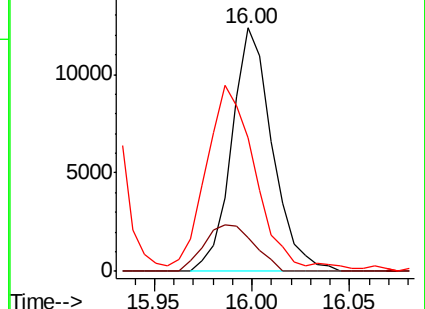
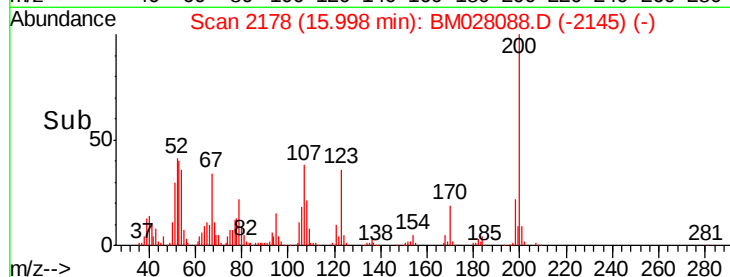
77 55.0 20.5 30.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BMC



#67

N-Nitrosodiphenylamine

Concen: 2.733 ng/ul

RT: 16.13 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

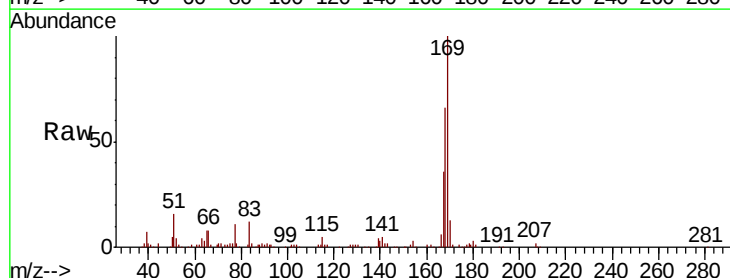
Tgt Ion:169 Resp: 93038

Ion Ratio Lower Upper

169 100

168 65.6 51.8 77.6

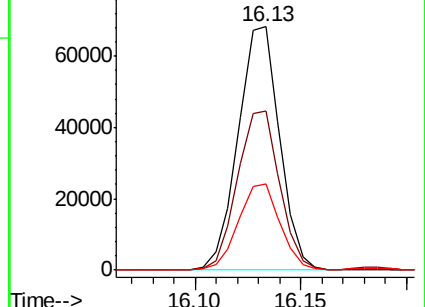
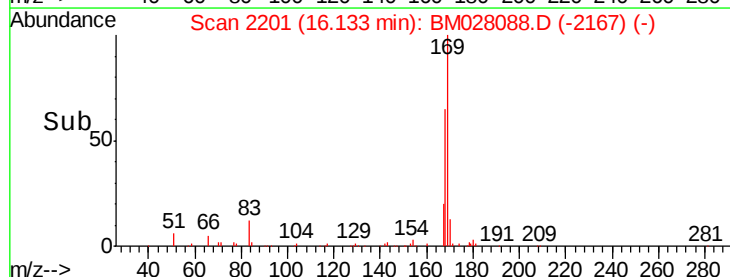
167 35.6 27.7 41.5

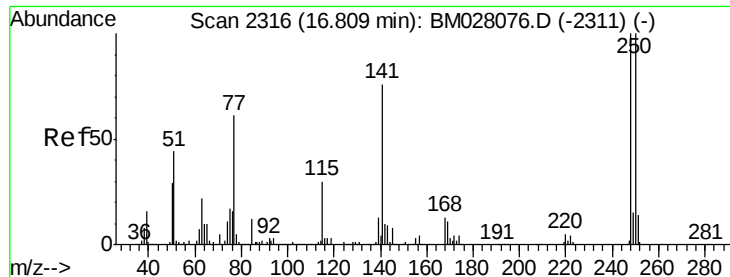


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

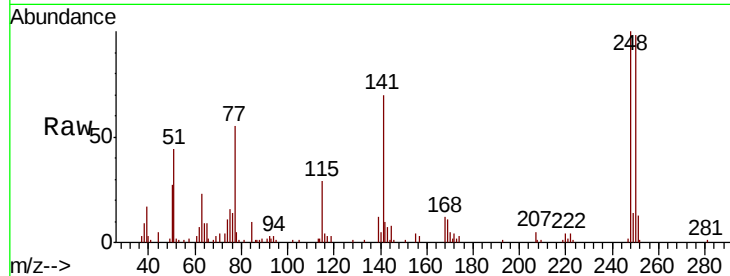




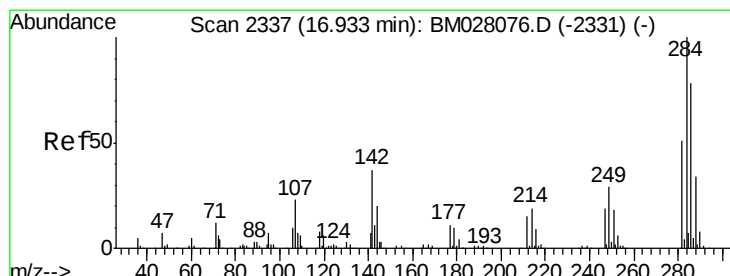
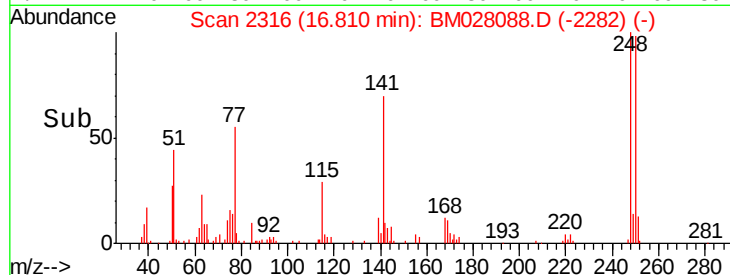
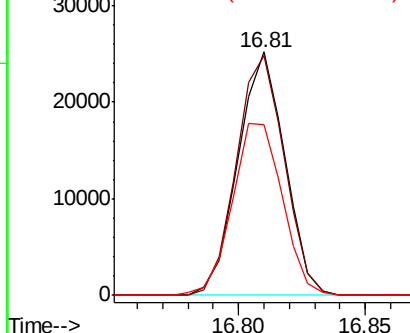
#68
4-Bromophenyl-phenylether
Concen: 2.663 ng/ul
RT: 16.81 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BM028088.D
Acq: 09 Dec 2020 02:00

Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-07

Tot Ion:248 Resp: 32394
Ion Ratio Lower Upper
248 100
250 98.3 76.1 114.1
141 70.3 60.2 90.2

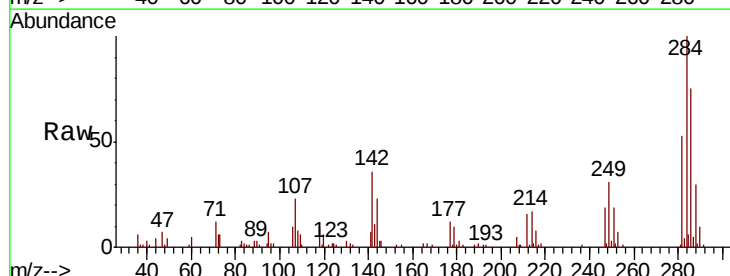


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

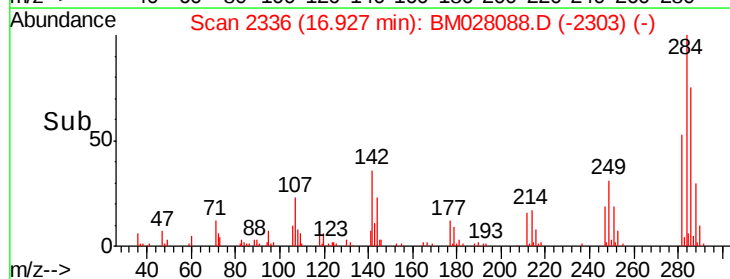
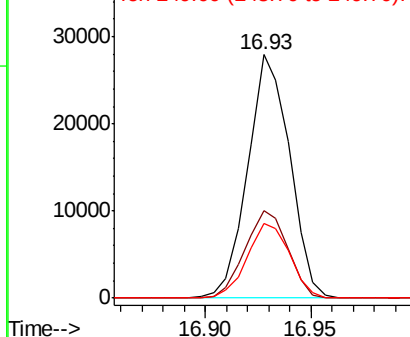


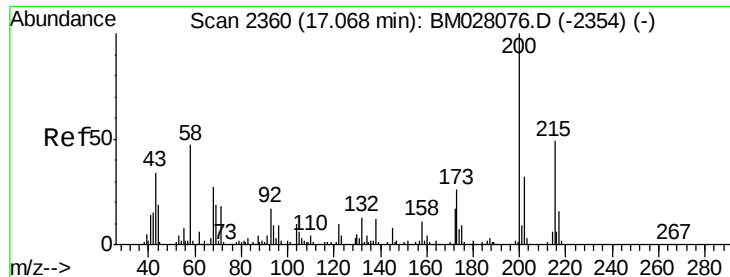
#69
Hexachlorobenzene
Concen: 2.784 ng/ul
RT: 16.93 min Scan# 2336
Delta R.T. -0.01 min
Lab File: BM028088.D
Acq: 09 Dec 2020 02:00

Tgt Ion:284 Resp: 38627
Ion Ratio Lower Upper
284 100
142 36.1 29.0 43.4
249 30.6 24.5 36.7



Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#70

Atrazine

Concen: 2.512 ng/ul

RT: 17.06 min Scan# 2358

Delta R.T. -0.01 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-07

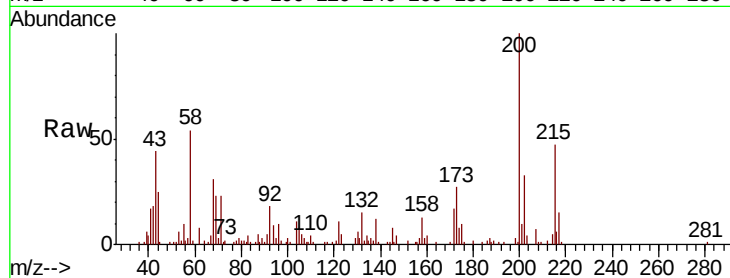
Tot Ion:200 Resp: 30673

Ion Ratio Lower Upper

200 100

173 27.4 21.4 32.2

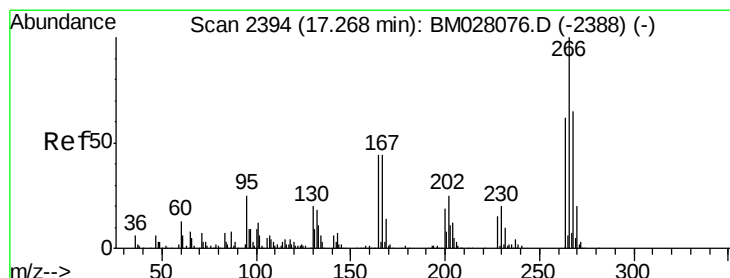
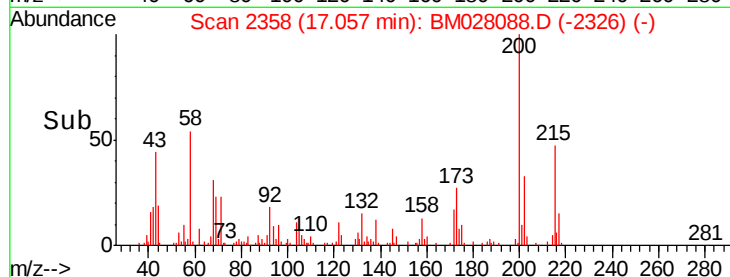
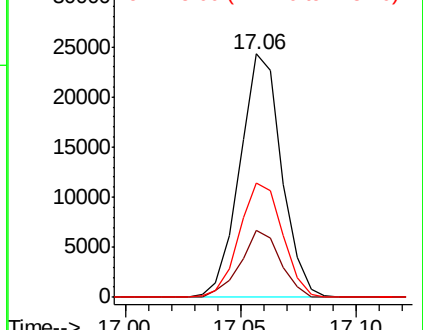
215 47.1 38.6 58.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#71

Pentachlorophenol

Concen: 2.053 ng/ul

RT: 17.27 min Scan# 2394

Delta R.T. 0.00 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

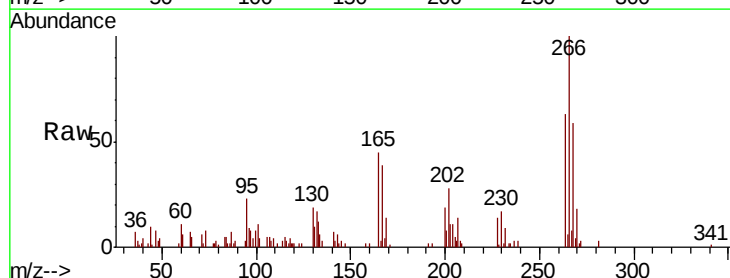
Tgt Ion:266 Resp: 16447

Ion Ratio Lower Upper

266 100

264 63.1 48.9 73.3

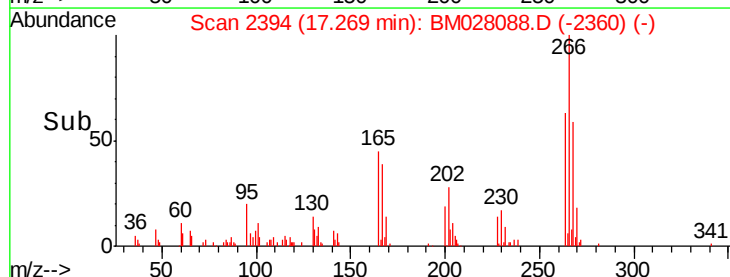
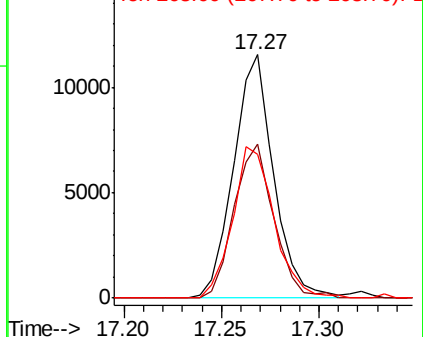
268 59.0 51.4 77.2

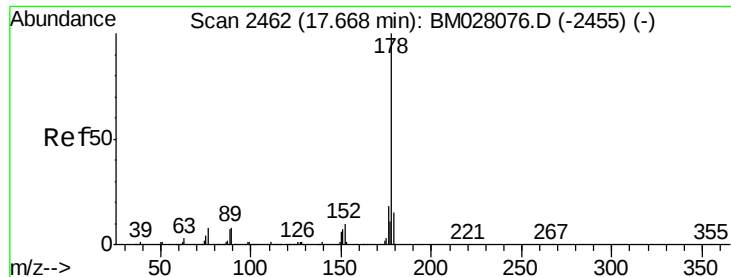


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#72

Phenanthrene

Concen: 2.829 ng/ul

RT: 17.66 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-07

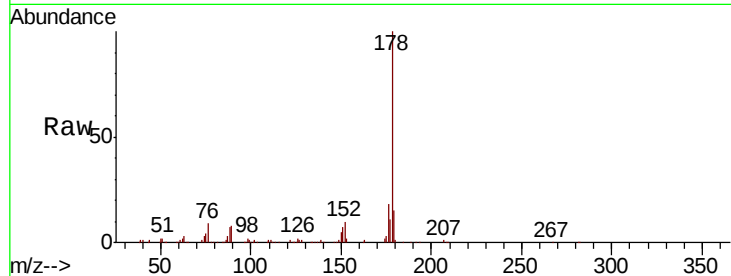
Tot Ion:178 Resp: 180542

Ion Ratio Lower Upper

178 100

179 14.5 12.2 18.4

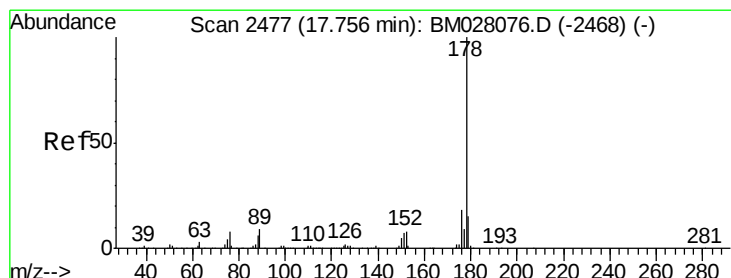
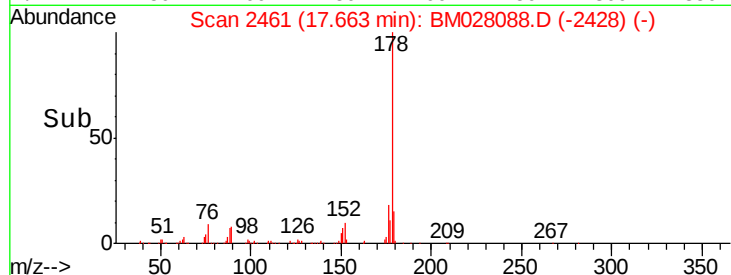
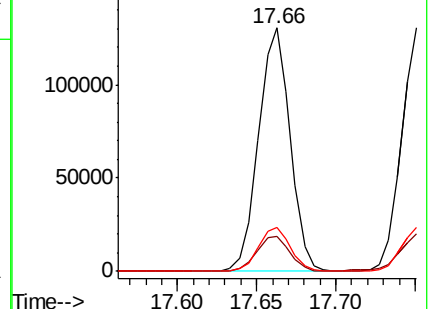
176 18.3 14.6 21.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74

Anthracene

Concen: 2.812 ng/ul

RT: 17.75 min Scan# 2476

Delta R.T. -0.01 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

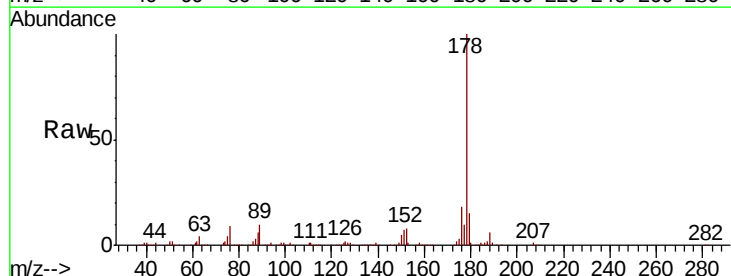
Tgt Ion:178 Resp: 182908

Ion Ratio Lower Upper

178 100

179 15.4 11.8 17.8

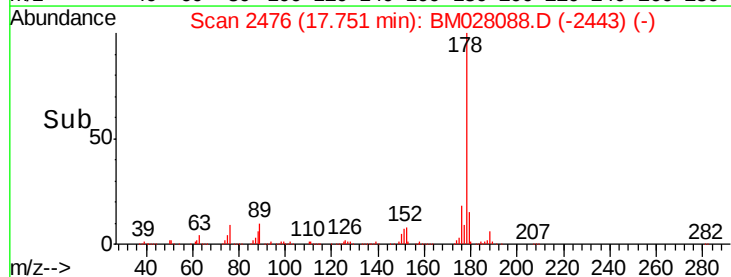
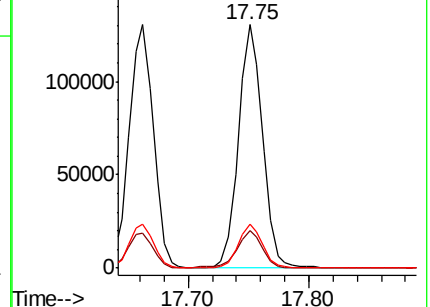
176 18.0 13.9 20.9

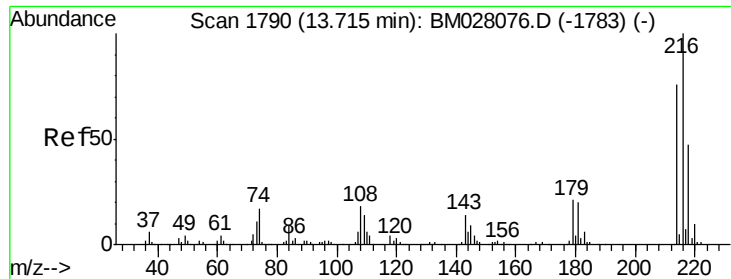


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

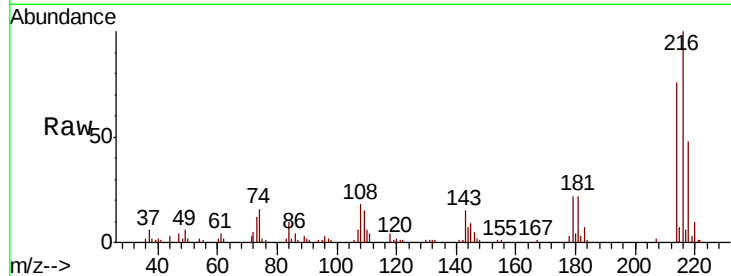




#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 2.765 ng/uL
 RT: 13.71 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BM028088.D
 Acq: 09 Dec 2020 02:00

Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-07

Tot Ion	Ratio	Lower	Upper
216	100		
214	76.0	62.9	94.3
218	48.3	38.6	57.8

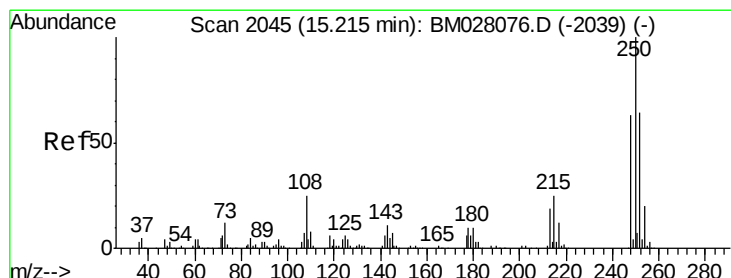
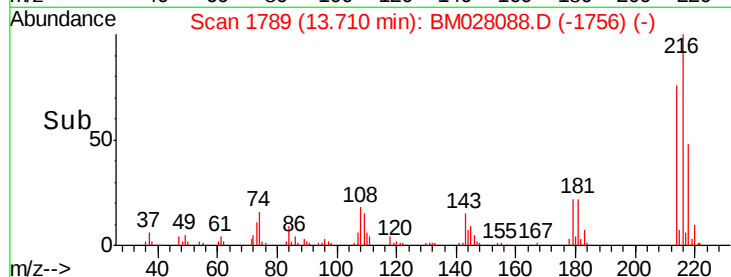
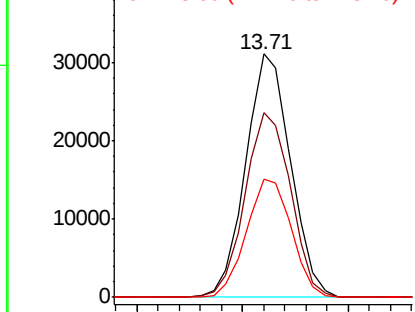


Abundance

Ion 216.00 (215.70 to 216.70): E

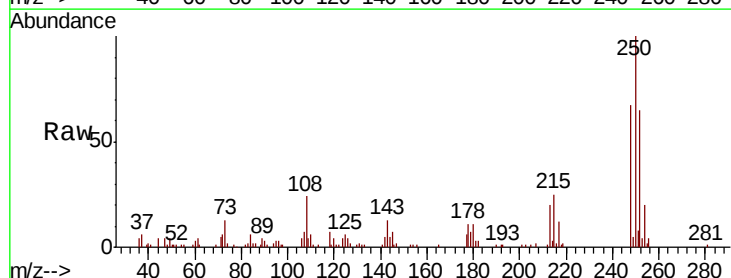
Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#76
 Pentachlorobenzene
 Concen: 2.719 ng/uL
 RT: 15.22 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BM028088.D
 Acq: 09 Dec 2020 02:00

Tgt Ion	Ratio	Lower	Upper
250	100		
248	66.6	48.9	73.3
252	65.2	49.4	74.0

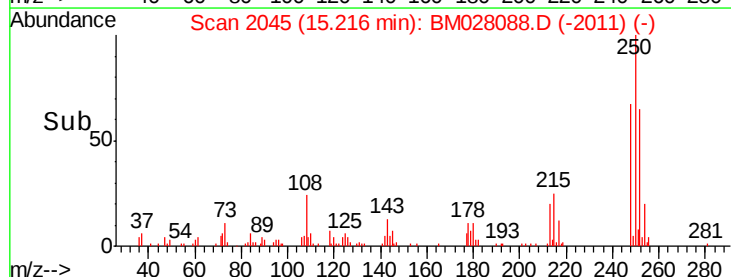
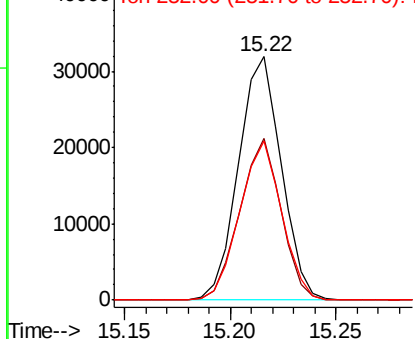


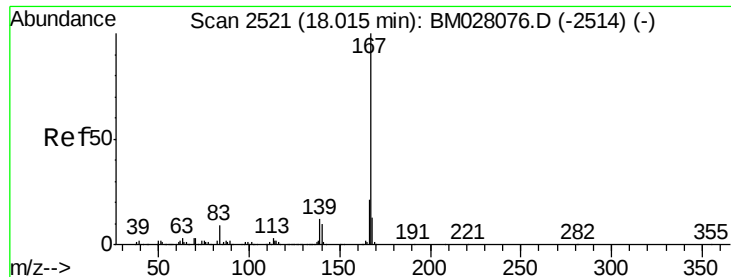
Abundance

Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

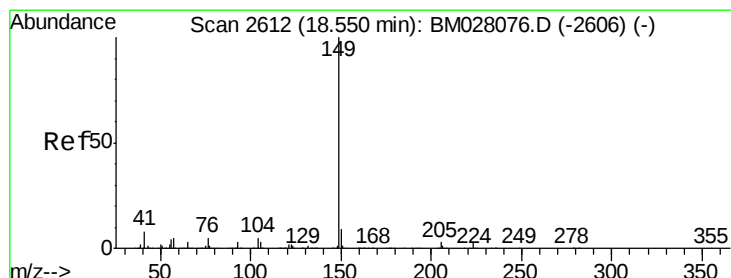
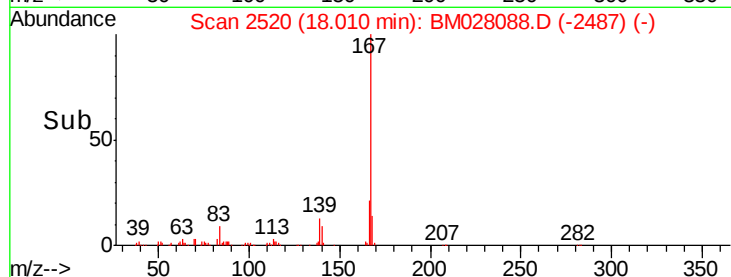
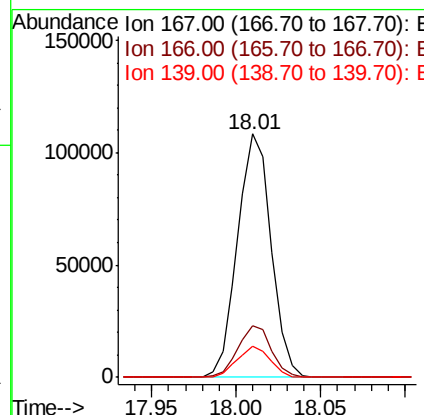
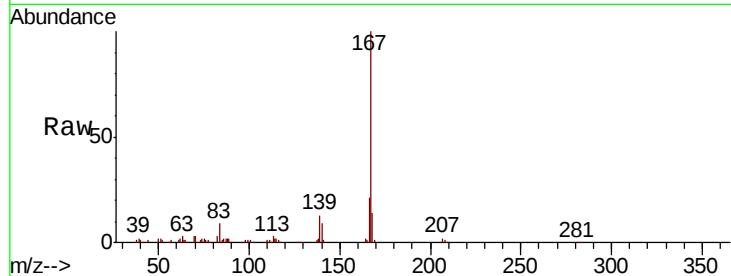




#77
 Carbazole
 Concen: 2.722 ng/ul
 RT: 18.01 min Scan# 2520
 Delta R.T. -0.01 min
 Lab File: BM028088.D
 Acq: 09 Dec 2020 02:00

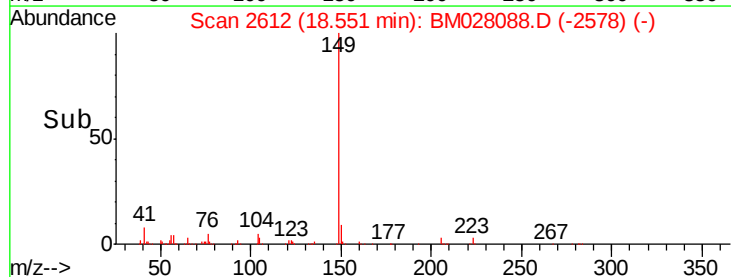
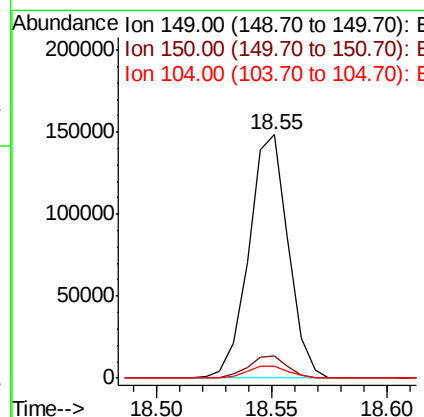
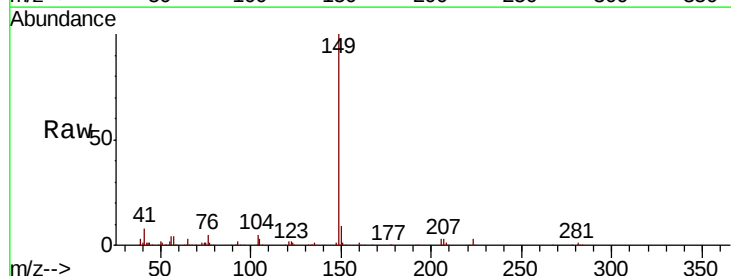
Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-07

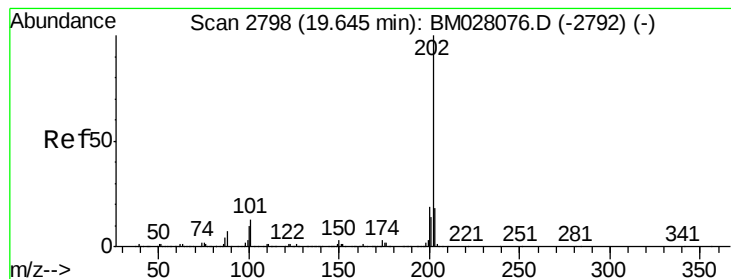
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.4
139	12.9	10.3	15.5



#78
 Di-n-butylphthalate
 Concen: 2.456 ng/ul
 RT: 18.55 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: BM028088.D
 Acq: 09 Dec 2020 02:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.1	10.7
104	5.0	4.1	6.1





#80

Fluoranthene

Concen: 2.766 ng/ul

RT: 19.64 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-07

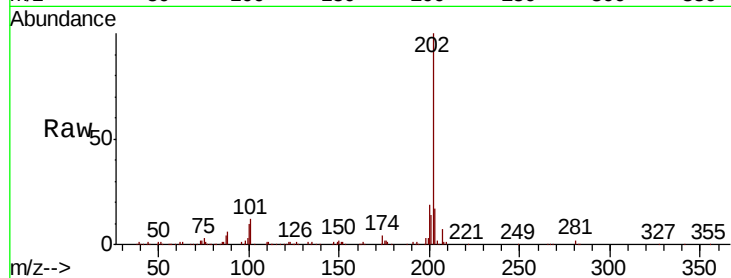
Tot Ion:202 Resp: 196112

Ion Ratio Lower Upper

202 100

101 12.5 9.8 14.8

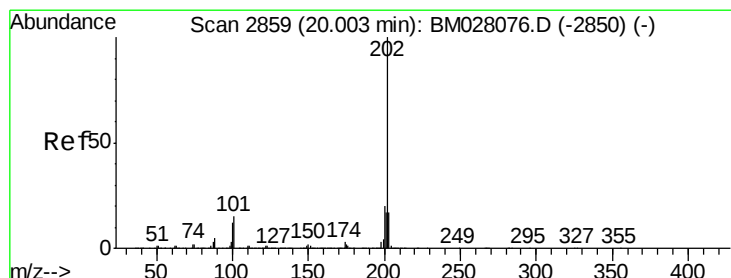
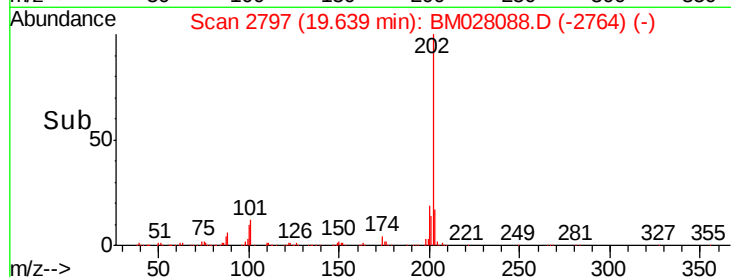
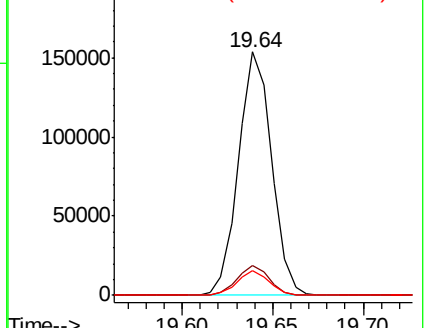
100 10.3 7.7 11.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#82

Pyrene

Concen: 2.914 ng/ul

RT: 20.00 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

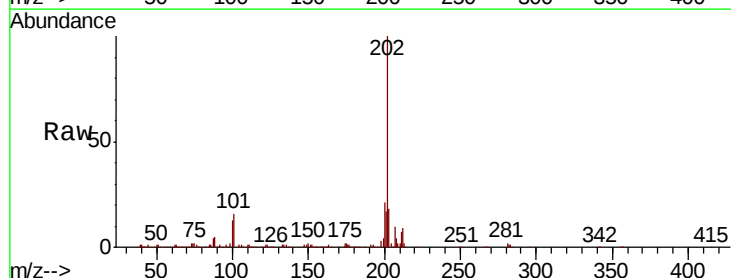
Tgt Ion:202 Resp: 214068

Ion Ratio Lower Upper

202 100

101 16.1 11.8 17.6

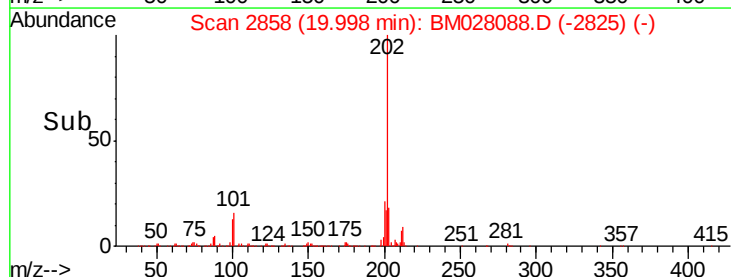
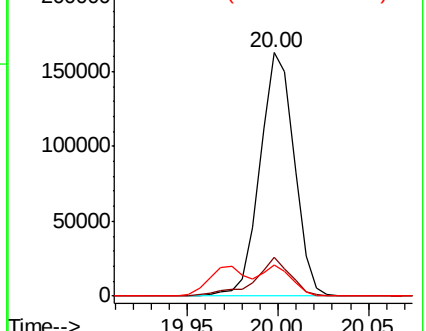
100 12.8 9.8 14.8

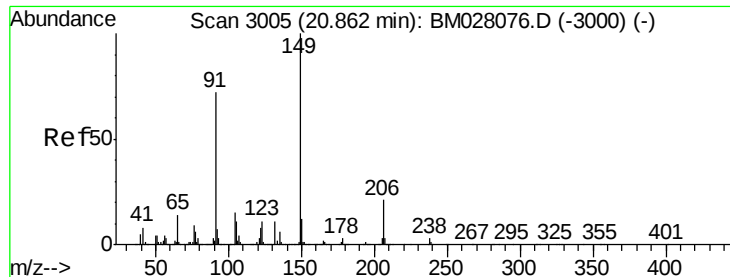


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

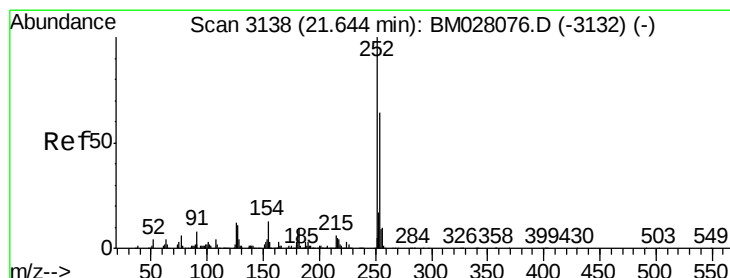
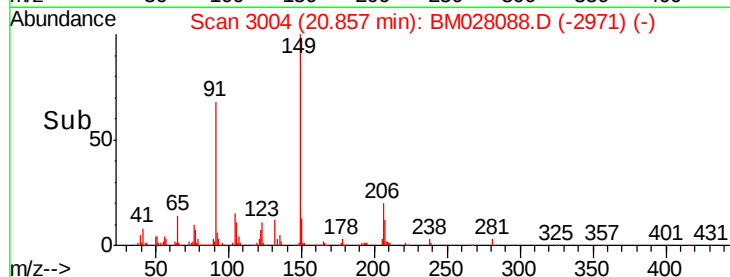
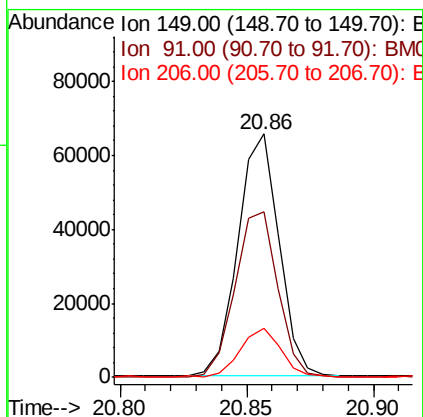
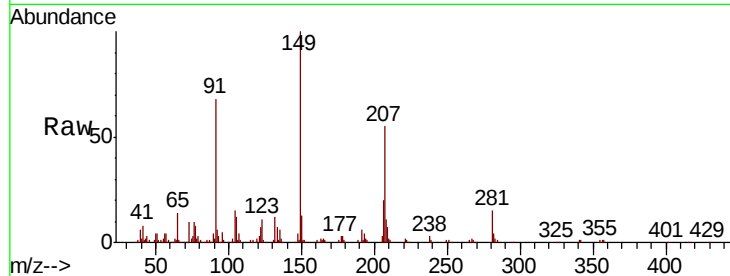




#83
Butylbenzylphthalate
Concen: 2.384 ng/ul
RT: 20.86 min Scan# 3004
Delta R.T. -0.01 min
Lab File: BM028088.D
Acq: 09 Dec 2020 02:00

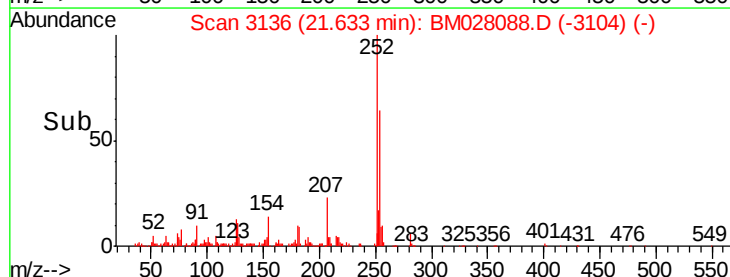
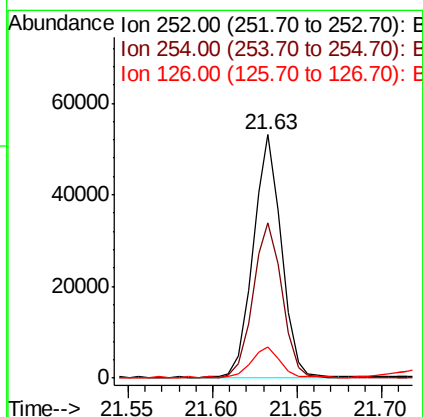
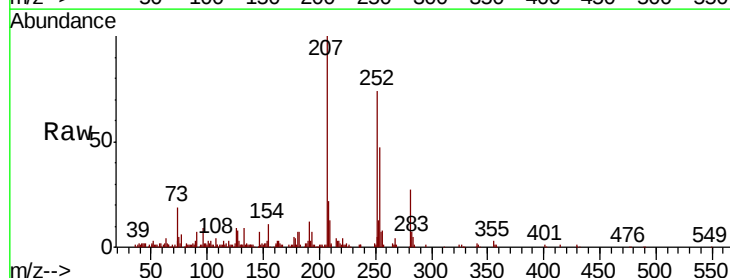
Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-07

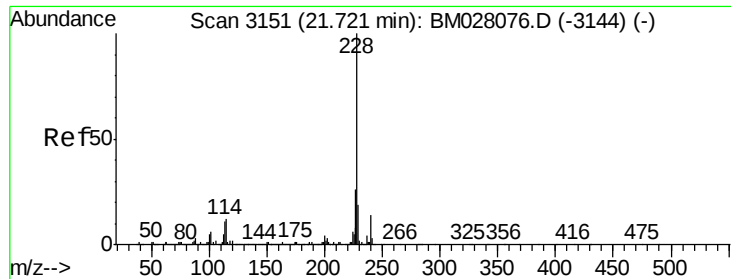
Tot Ion:149 Resp: 73577
Ion Ratio Lower Upper
149 100
91 68.1 55.7 83.5
206 19.9 16.1 24.1



#84
3,3'-Dichlorobenzidine
Concen: 2.752 ng/ul
RT: 21.63 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BM028088.D
Acq: 09 Dec 2020 02:00

Tgt Ion:252 Resp: 62333
Ion Ratio Lower Upper
252 100
254 63.6 51.4 77.2
126 12.5 9.9 14.9





#85

Benzo(a)anthracene

Concen: 2.882 ng/ul

RT: 21.71 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-07

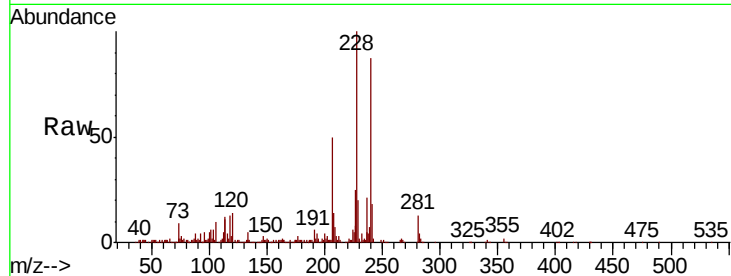
Tot Ion:228 Resp: 196899

Ion Ratio Lower Upper

228 100

229 20.4 15.0 22.4

226 25.5 20.9 31.3

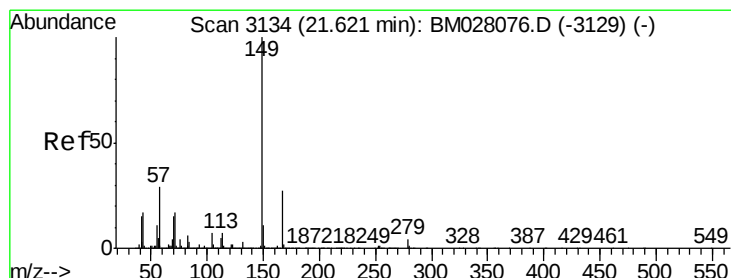
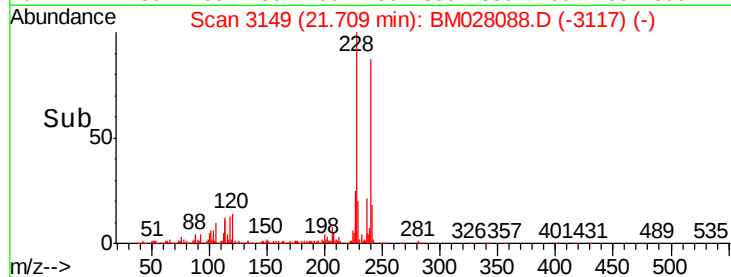
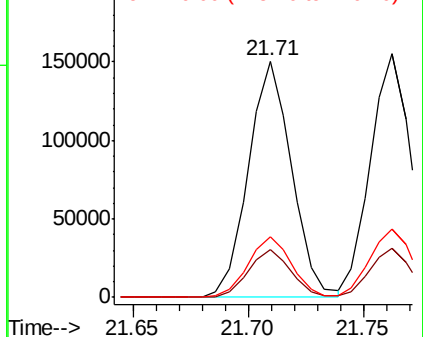


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.398 ng/ul

RT: 21.61 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

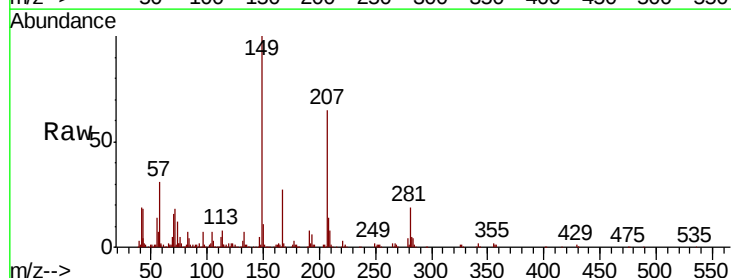
Tgt Ion:149 Resp: 113311

Ion Ratio Lower Upper

149 100

167 26.9 20.7 31.1

279 3.7 3.0 4.6

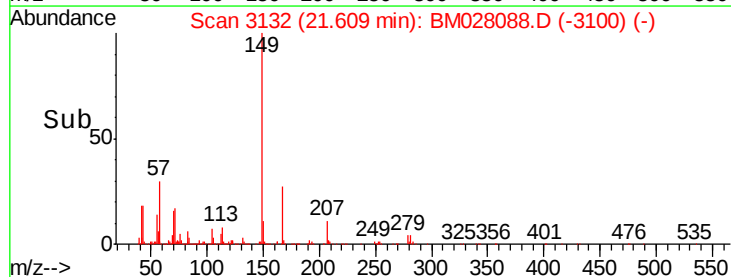
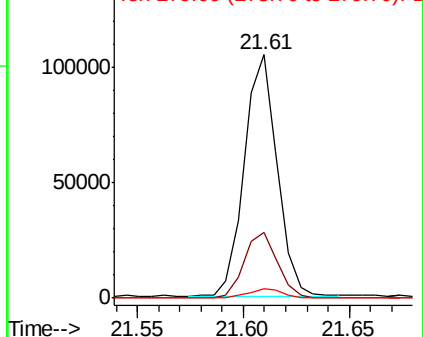


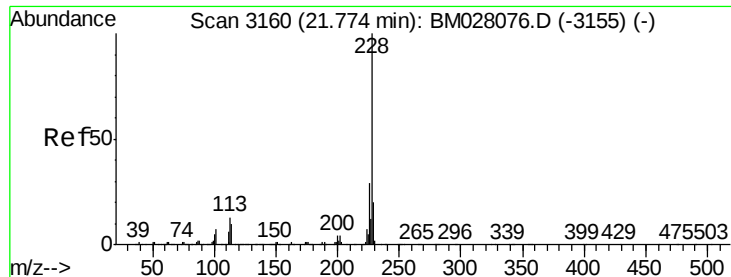
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87

Chrysene

Concen: 2.874 ng/ul

RT: 21.76 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-07

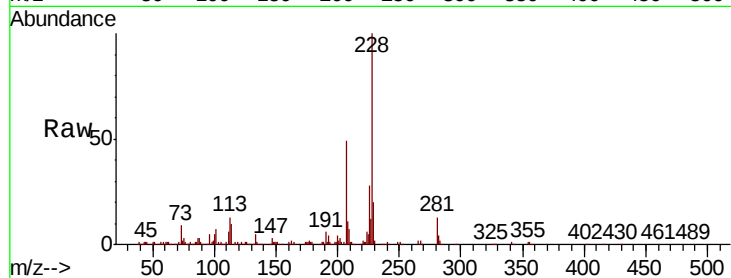
Tot Ion:228 Resp: 192541

Ion Ratio Lower Upper

228 100

226 28.2 23.0 34.4

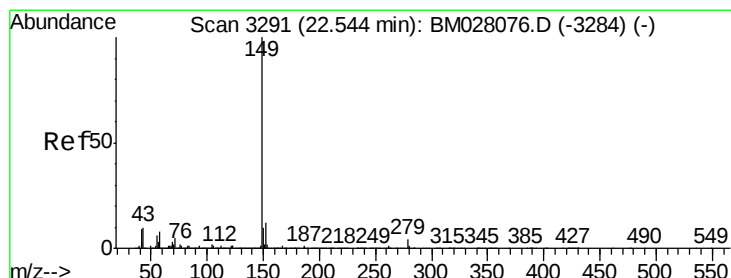
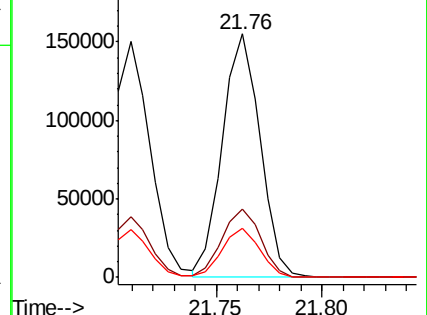
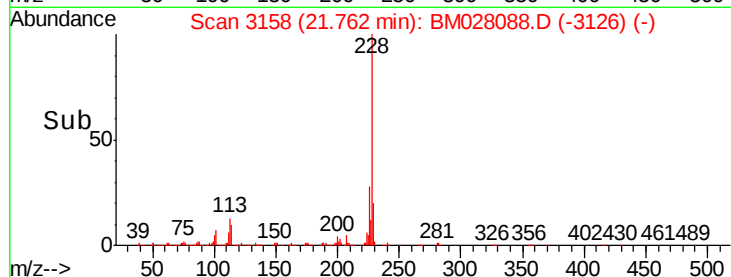
229 20.1 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#89

Di-n-octyl phthalate

Concen: 2.331 ng/ul

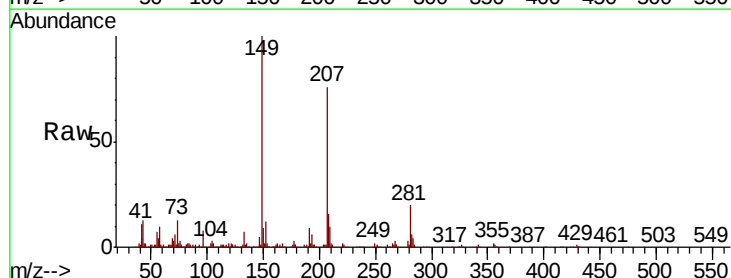
RT: 22.53 min Scan# 3288

Delta R.T. -0.02 min

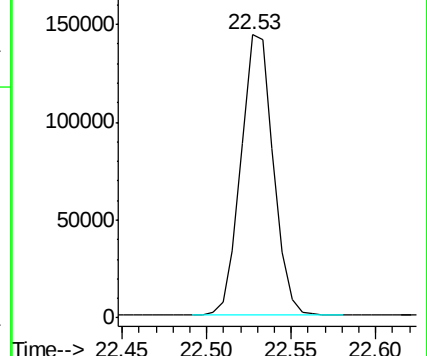
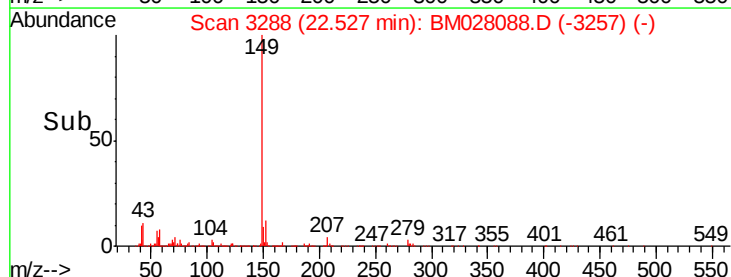
Lab File: BM028088.D

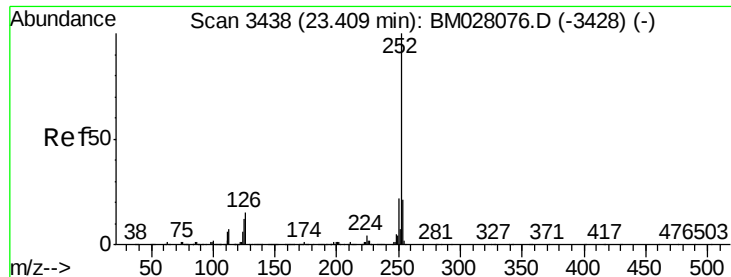
Acq: 09 Dec 2020 02:00

Tgt Ion:149 Resp: 191685



Abundance Ion 149.00 (148.70 to 149.70): E





#90

Benzo(b)fluoranthene

Concen: 2.752 ng/uL

RT: 23.39 min Scan# 3435

Delta R.T. -0.02 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-07

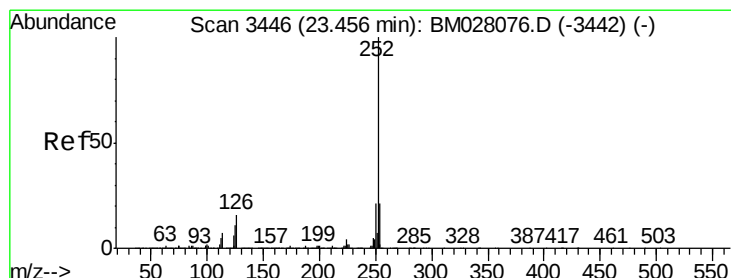
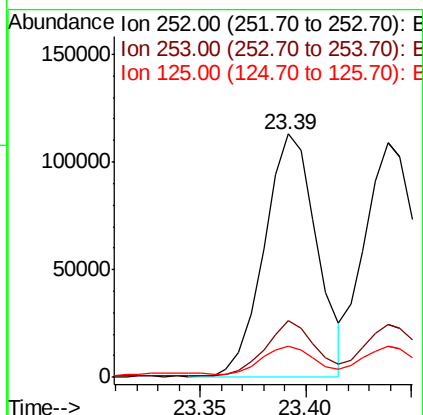
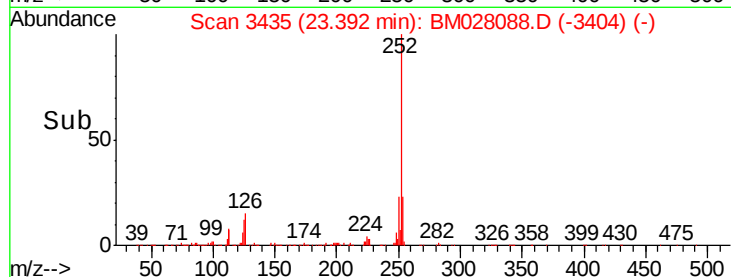
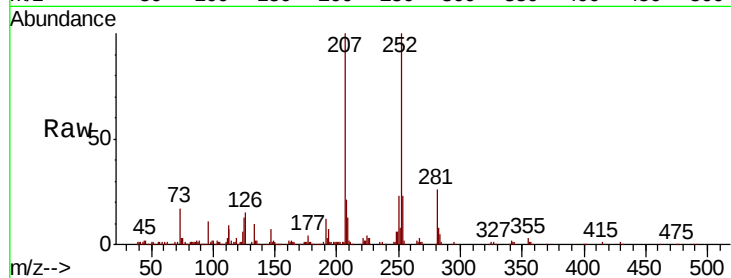
Tot Ion:252 Resp: 194387

Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

125 13.0 10.2 15.4



#91

Benzo(k)fluoranthene

Concen: 2.773 ng/uL

RT: 23.44 min Scan# 3443

Delta R.T. -0.02 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

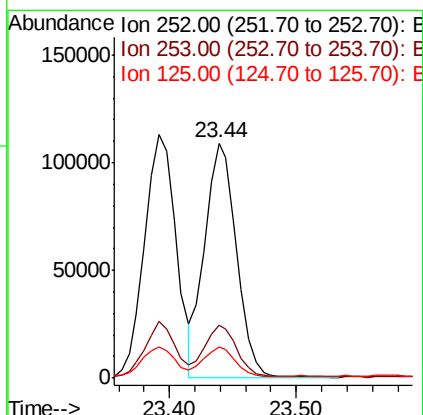
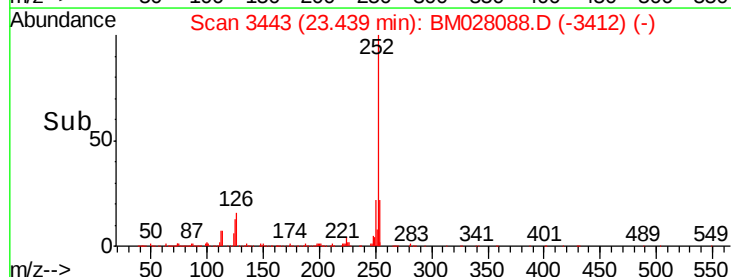
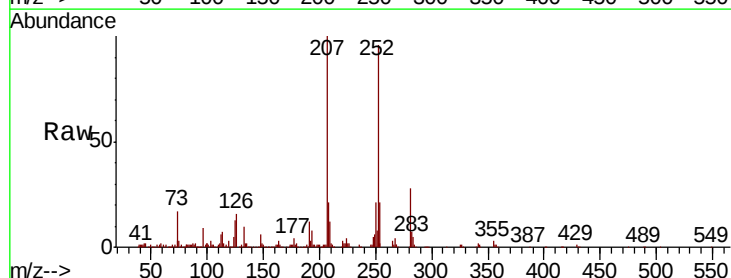
Tgt Ion:252 Resp: 189335

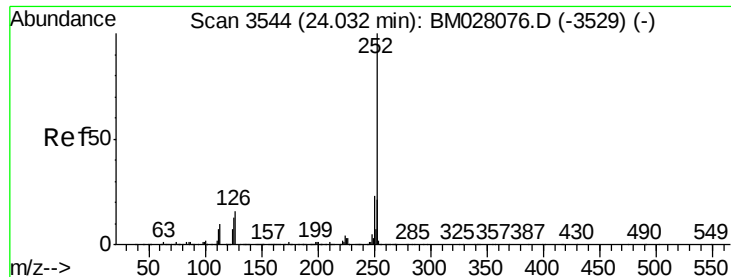
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 13.2 9.3 13.9





#93

Benzo(a)pyrene

Concen: 2.849 ng/ul

RT: 24.02 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-07

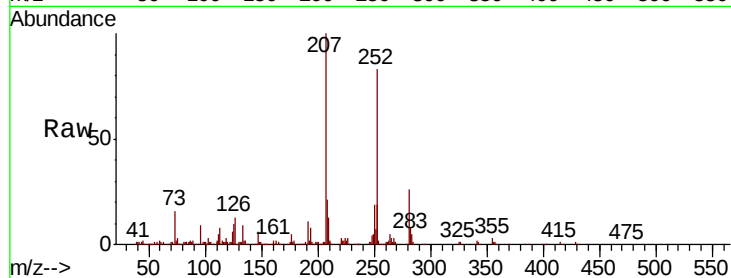
Tot Ion:252 Resp: 180047

Ion Ratio Lower Upper

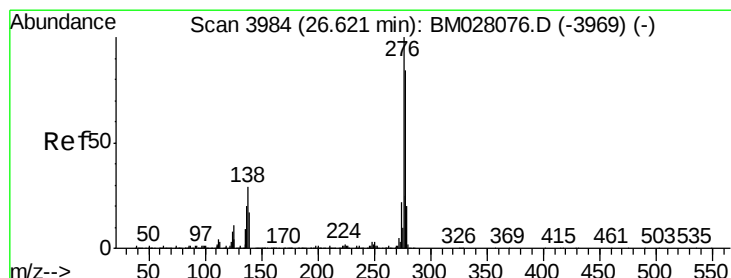
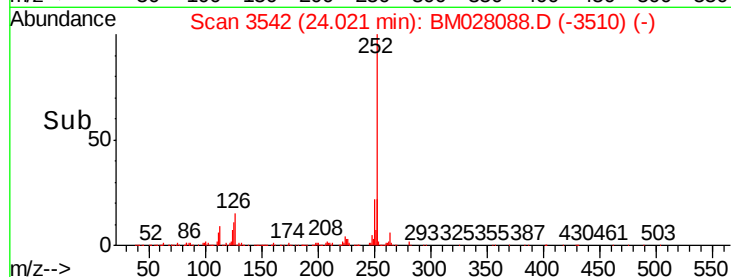
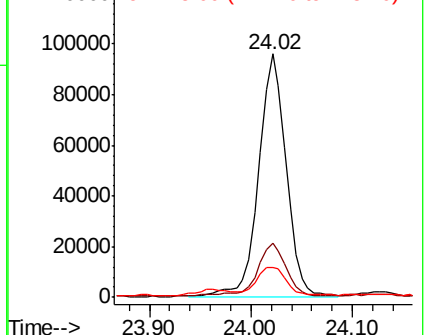
252 100

253 22.3 17.4 26.2

125 12.5 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.805 ng/ul

RT: 26.60 min Scan# 3980

Delta R.T. -0.02 min

Lab File: BM028088.D

Acq: 09 Dec 2020 02:00

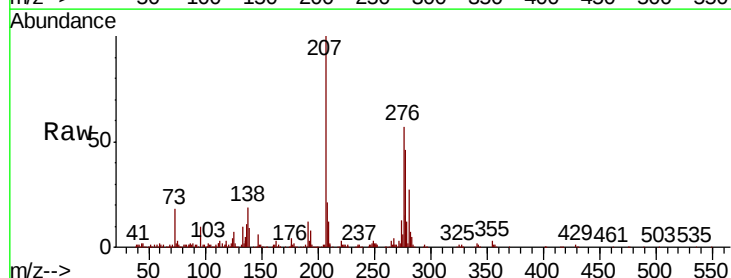
Tgt Ion:276 Resp: 211177

Ion Ratio Lower Upper

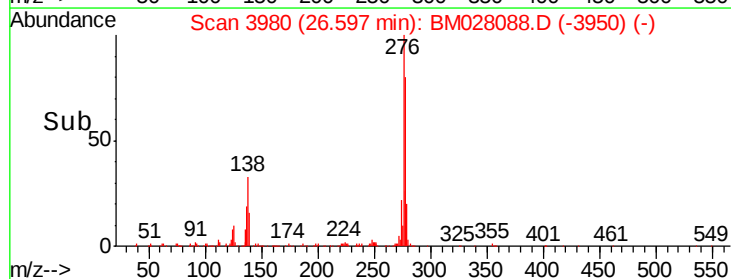
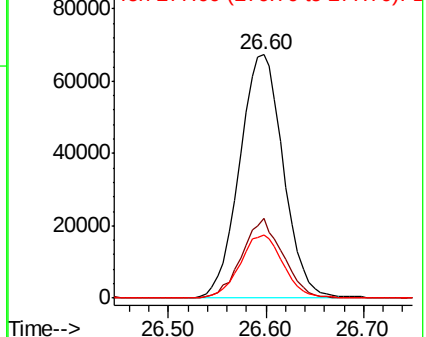
276 100

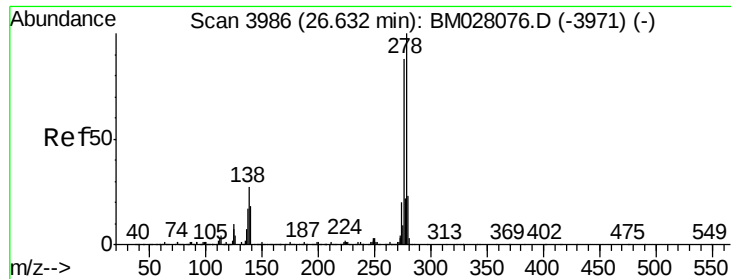
138 32.9 24.0 36.0

277 25.9 20.0 30.0



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

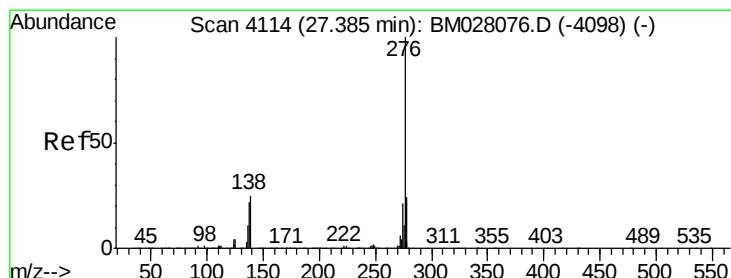
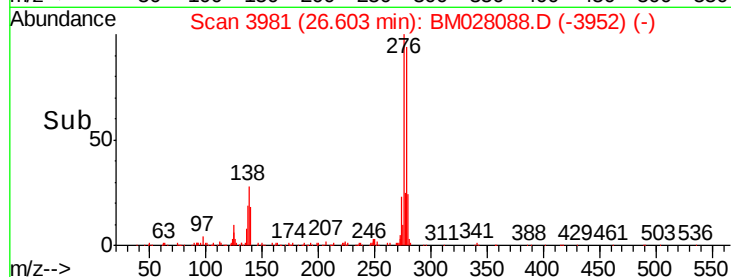
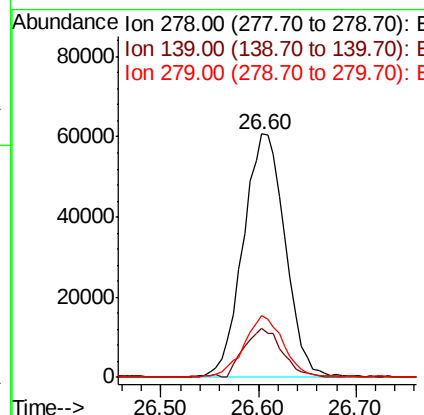
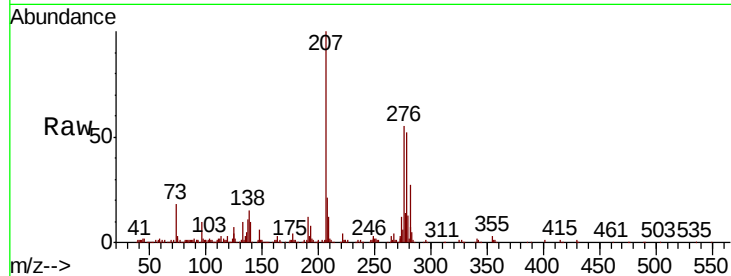




#95
Dibenzo(a,h)anthracene
Concen: 2.844 ng/ul
RT: 26.60 min Scan# 3981
Delta R.T. -0.03 min
Lab File: BM028088.D
Acq: 09 Dec 2020 02:00

Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-07

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.1	15.0	22.6
279	25.3	18.6	27.8



#96
Benzo(g,h,i)perylene
Concen: 2.780 ng/ul
RT: 27.36 min Scan# 4110
Delta R.T. -0.02 min
Lab File: BM028088.D
Acq: 09 Dec 2020 02:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.2	20.6	31.0
277	23.3	19.1	28.7

