

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120720\
 Data File : BM028054.D
 Acq On : 07 Dec 2020 12:18
 Operator : JU/CG
 Sample : L4485-04
 Misc : MDL-SOIL--01
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-04

Manual Integrations
 APPROVED

Quant Time: Dec 07 13:06:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120320.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 08:15:07 2020
 Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	194638	20.00	ng/ul	0.00
20) Naphthalene-d8	11.12	136	799661	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.91	164	453618	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.63	188	905418	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	834989	20.00	ng/ul	0.00
88) Perylene-d12	24.14	264	835561	20.00	ng/ul	0.00

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System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	23100	4.43	ng/uL	0.00
4) Pyridine-d5	3.93	84	305555	21.73	ng/ul	0.00
7) Phenol-d5	7.42	99	507213	31.31	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.59	67	330616	32.83	ng/ul	0.00
11) 2-Chlorophenol-d4	7.80	132	431470	31.97	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	419299	32.81	ng/ul	0.00
21) Nitrobenzene-d5	9.46	128	200449	32.29	ng/ul	0.00
24) 2-Nitrophenol-d4	10.19	143	203735	32.84	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.73	165	380759	30.26	ng/ul	0.00
31) 4-Chloroaniline-d4	11.25	131	545809	31.71	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	1089595	32.47	ng/ul	0.00
49) Acenaphthylene-d8	14.60	160	1425792	33.10	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	184502	28.50	ng/ul	0.00
60) Fluorene-d10	15.89	176	933337	31.03	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	141467	26.92	ng/ul	0.00
73) Anthracene-d10	17.72	188	1372599	30.92	ng/ul	0.00
81) Pyrene-d10	19.97	212	1427114	32.56	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.98	264	1330123	29.90	ng/ul	0.00

Target Compounds

					Ovalue
5) Pyridine	3.96	79	42683	3.025	ng/ul# 68
6) Benzaldehyde	7.40	77	34657	5.174	ng/ul 95
8) Phenol	7.45	94	47052	2.846	ng/ul 97
10) Bis(2-Chloroethyl)ether	7.69	93	41579	3.054	ng/ul 99
12) 2-Chlorophenol	7.84	128	40023	2.881	ng/ul 99
13) 2-Methylphenol	8.72	108	33747	2.727	ng/ul 98
14) 2,2'-oxybis(1-Chloropropan	8.82	45	66743	3.046	ng/ul 98
16) Acetophenone	9.12	105	57069	2.984	ng/ul 98
17) N-Nitroso-di-n-propylamine	9.10	70	26430	2.909	ng/ul 96
18) 4-Methylphenol	9.05	108	37660	2.838	ng/ul 91
19) Hexachloroethane	9.39	117	16411	2.814	ng/ul 92
22) Nitrobenzene	9.50	77	44879	2.930	ng/ul 98
23) Isophorone	10.03	82	70574	2.754	ng/ul 96
25) 2-Nitrophenol	10.22	139	20006	2.852	ng/ul 90
26) 2,4-Dimethylphenol	10.27	107	40125	2.783	ng/ul 97
27) Bis(2-Chloroethoxy)methane	10.51	93	51367	2.920	ng/ul 99
29) 2,4-Dichlorophenol	10.76	162	35415	2.877	ng/ul 97
30) Naphthalene	11.17	128	127673	2.827	ng/ul 99
32) 4-Chloroaniline	11.27	127	49948	2.997	ng/ul 98
33) Hexachlorobutadiene	11.45	225	23559	2.923	ng/ul 99
34) Caprolactam	12.03	113	8084m	2.279	ng/ul
35) 4-Chloro-3-methylphenol	12.36	107	32570	2.638	ng/ul 97

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36) 2-Methylnaphthalene	12.76	142	82677	2.785	ng/ul	98	
37) 1-Methylnaphthalene	12.97	142	80664	2.826	ng/ul	100	12/8/2020 2:06:32 PM
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	43056	2.789	ng/ul	96	
40) Hexachlorocyclopentadiene	13.10	237	18861	2.144	ng/ul#	96	
41) 2,4,6-Trichlorophenol	13.35	196	22516	2.434	ng/ul	98	
42) 2,4,5-Trichlorophenol	13.42	196	24868	2.503	ng/ul	97	
43) 1,1'-Biphenyl	13.75	154	109434	2.815	ng/ul	99	
44) 2-Chloronaphthalene	13.79	162	86050	2.810	ng/ul	100	
45) 2-Nitroaniline	13.99	65	17940	2.356	ng/ul	96	
47) Dimethylphthalate	14.35	163	102488	2.954	ng/ul#	98	
48) 2,6-Dinitrotoluene	14.47	165	15043	2.284	ng/ul#	95	
50) Acenaphthylene	14.63	152	125215	2.805	ng/ul	99	
51) 3-Nitroaniline	14.80	138	15867	2.427	ng/ul#	91	
52) Acenaphthene	14.97	153	89715	2.800	ng/ul	99	
53) 2,4-Dinitrophenol	15.00	184	6010	1.586	ng/ul#	89	
55) 4-Nitrophenol	15.08	109	14207	2.985	ng/ul	92	
56) Dibenzofuran	15.30	168	123382	2.843	ng/ul	99	
57) 2,4-Dinitrotoluene	15.25	165	22850	2.475	ng/ul#	85	
58) 2,3,4,6-Tetrachlorophenol	15.52	232	19640	2.461	ng/ul#	96	
59) Diethylphthalate	15.69	149	96474	2.838	ng/ul	100	
61) Fluorene	15.94	166	102043	2.880	ng/ul	97	
62) 4-Chlorophenyl-phenylether	15.93	204	51126	2.947	ng/ul	99	
63) 4-Nitroaniline	15.95	138	16583	2.863	ng/ul	91	
66) 4,6-Dinitro-2-methylphenol	16.00	198	14349	2.480	ng/ul#	61	
67) N-Nitrosodiphenylamine	16.13	169	80115	2.690	ng/ul	99	
68) 4-Bromophenyl-phenylether	16.82	248	28463	2.751	ng/ul	94	
69) Hexachlorobenzene	16.93	284	33354	2.794	ng/ul	97	
70) Atrazine	17.06	200	24878	2.469	ng/ul	99	
71) Pentachlorophenol	17.27	266	13417	2.008	ng/ul	95	
72) Phenanthrene	17.67	178	153571	2.790	ng/ul	99	
74) Anthracene	17.76	178	154092	2.748	ng/ul	99	
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	41525	2.716	ng/ul	98	
76) Pentachlorobenzene	15.22	250	40469	2.762	ng/ul	97	
77) Carbazole	18.02	167	122824	2.574	ng/ul	99	
78) Di-n-butylphthalate	18.55	149	138142	2.540	ng/ul	98	
80) Fluoranthene	19.64	202	158411	2.758	ng/ul	98	
82) Pyrene	20.00	202	175835	2.933	ng/ul	98	
83) Butylbenzylphthalate	20.86	149	58595	2.723	ng/ul	98	
84) 3,3'-Dichlorobenzidine	21.64	252	49326	2.666	ng/ul	97	
85) Benzo(a)anthracene	21.72	228	157446	2.840	ng/ul	99	
86) Bis(2-ethylhexyl)phthalate	21.62	149	82031	2.520	ng/ul	100	
87) Chrysene	21.77	228	155450	2.837	ng/ul	100	
89) Di-n-octyl phthalate	22.54	149	134999	2.384	ng/ul	100	
90) Benzo(b)fluoranthene	23.40	252	158397	2.873	ng/ul	99	
91) Benzo(k)fluoranthene	23.45	252	147946	2.781	ng/ul	98	
93) Benzo(a)pyrene	24.03	252	142328	2.838	ng/ul	99	
94) Indeno(1,2,3-cd)pyrene	26.61	276	168789	2.741	ng/ul	95	
95) Dibenzo(a,h)anthracene	26.62	278	142291	2.734	ng/ul	98	
96) Benzo(a,h,i)perylene	27.38	276	139493	2.685	ng/ul	99	

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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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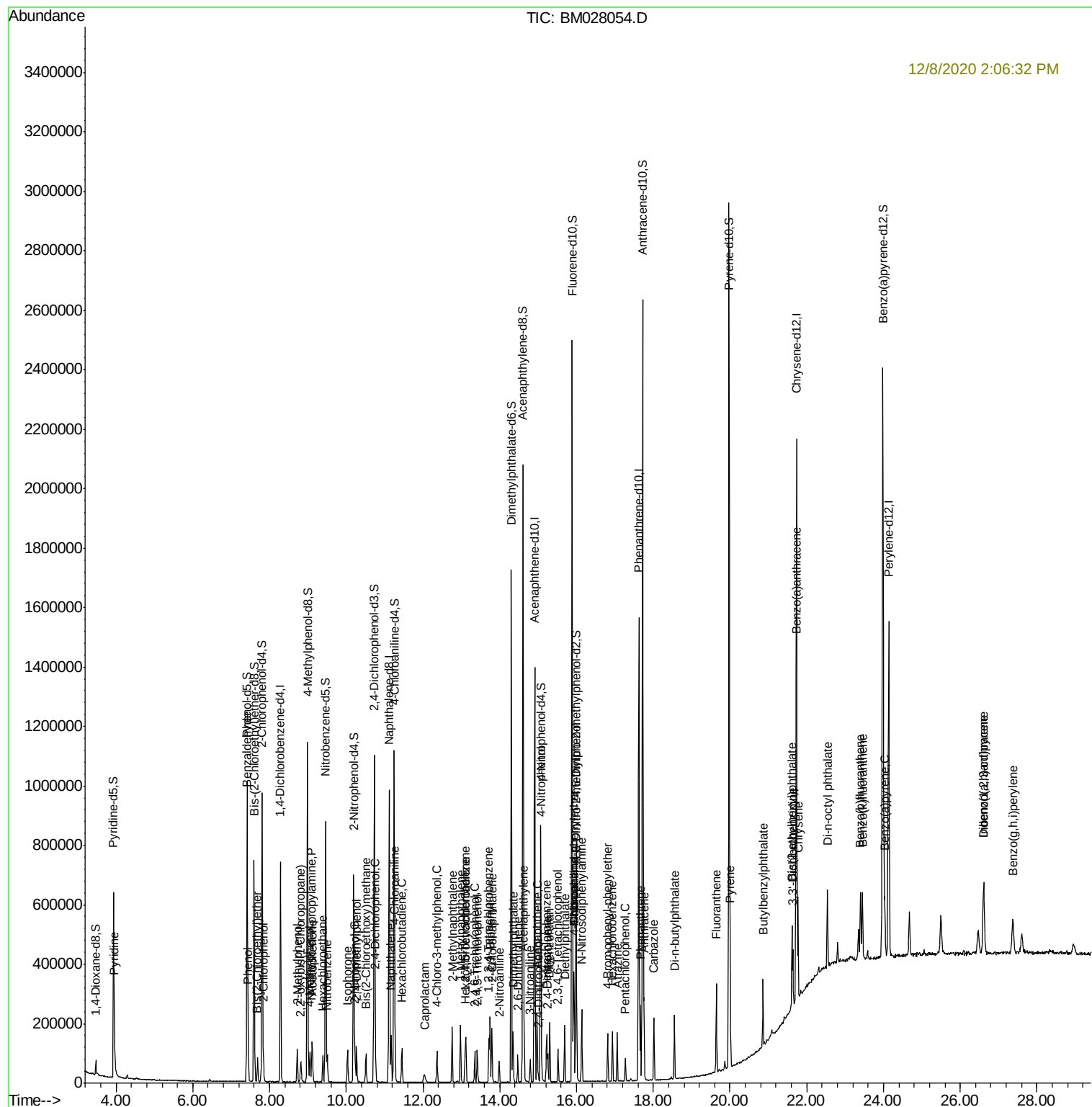
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120720\
Data File : BM028054.D
Acq On : 07 Dec 2020 12:18
Operator : JU/CG
Sample : L4485-04
Misc : MDL-SOIL--01
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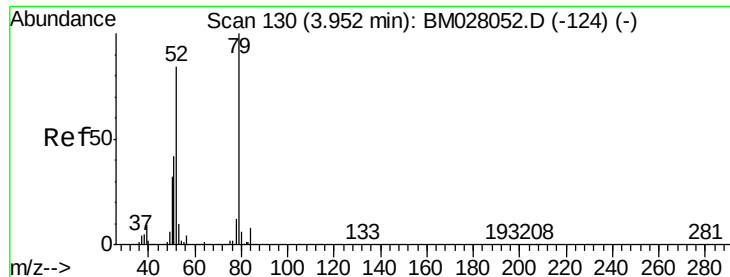
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-04

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#5

Pvridine

Concen: 3.025 ng/ul

RT: 3.96 min Scan# 131

Delta R.T. 0.01 min

Lab File: BM028054.D

Acq: 07 Dec 2020 12:18

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-04

Tot Ion: 79 Resp: 42683

Ion Ratio Lower Upper

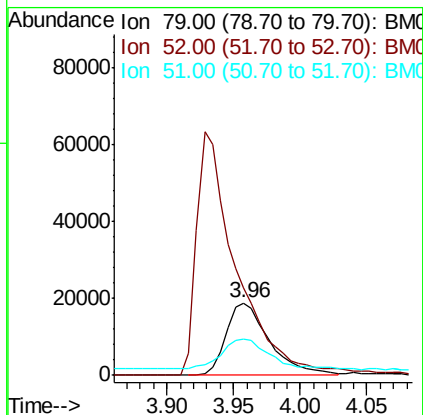
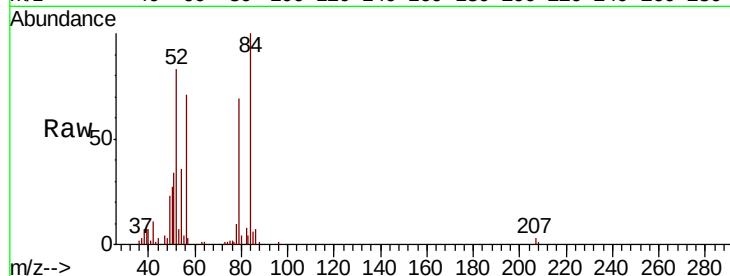
79 100

52 121.2 67.6 101.4#

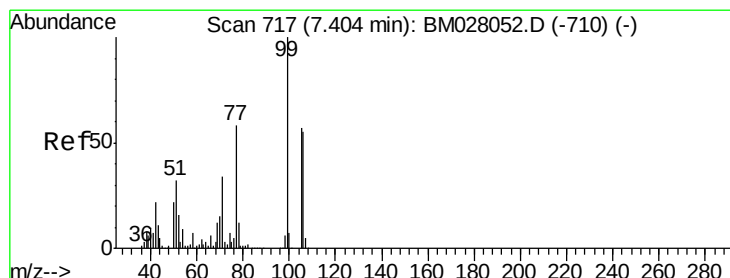
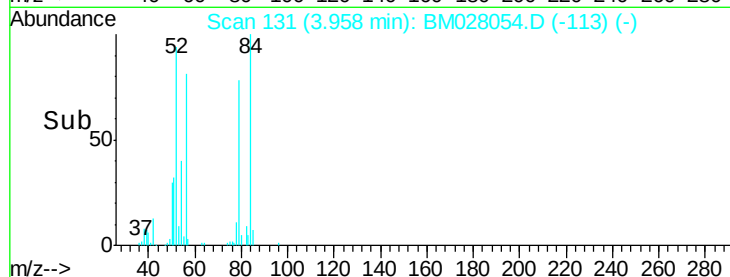
51 49.7 32.1 48.1#

Manual Integrations
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#6

Benzaldehyde

Concen: 5.174 ng/ul

RT: 7.40 min Scan# 717

Delta R.T. 0.00 min

Lab File: BM028054.D

Acq: 07 Dec 2020 12:18

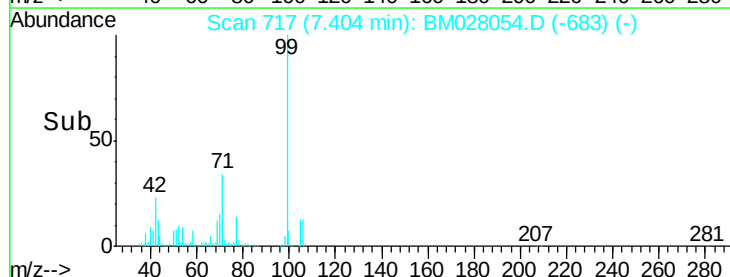
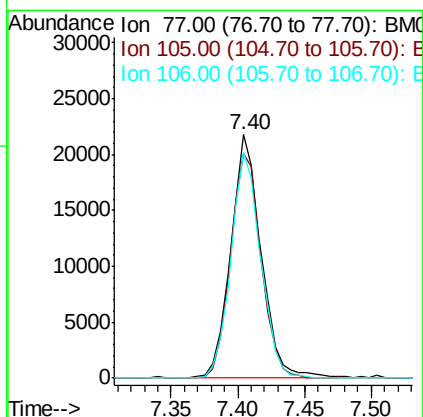
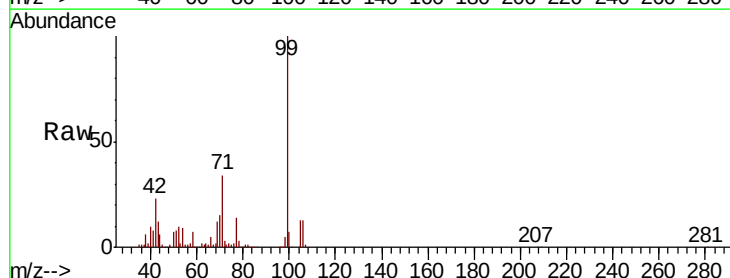
Tgt Ion: 77 Resp: 34657

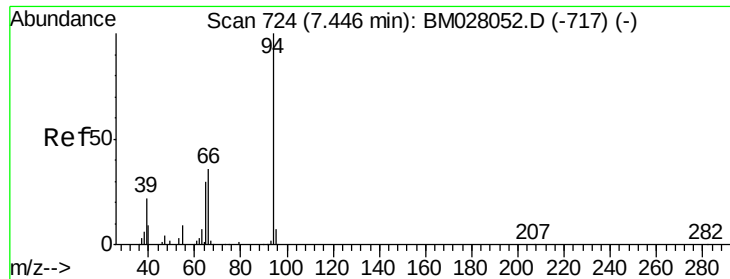
Ion Ratio Lower Upper

77 100

105 92.0 79.4 119.0

106 92.5 76.7 115.1





#8

Phenol

Concen: 2.846 ng/ul

RT: 7.45 min Scan# 724

Delta R.T. 0.00 min

Lab File: BM028054.D

Acq: 07 Dec 2020 12:18

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-04

Tot Ion: 94 Resp: 47052

Ion Ratio Lower Upper

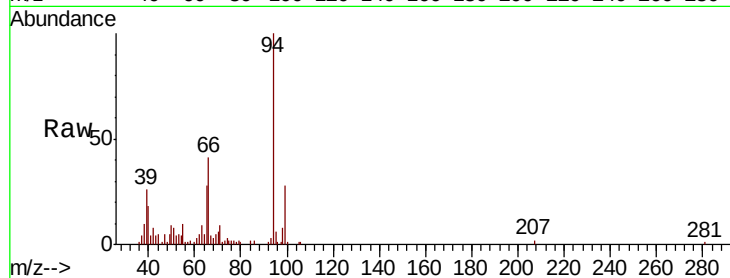
94 100

65 28.5 22.7 34.1

66 40.5 30.1 45.1

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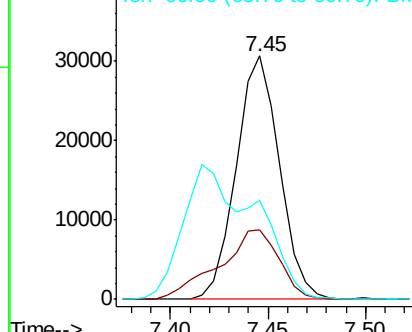


Abundance

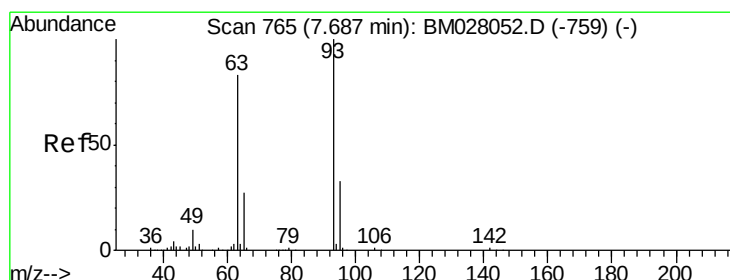
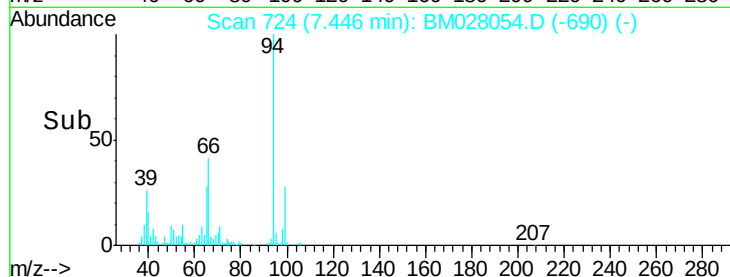
Ion 94.00 (93.70 to 94.70): BM0

Ion 65.00 (64.70 to 65.70): BM0

Ion 66.00 (65.70 to 66.70): BM0



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#10

Bis(2-Chloroethyl)ether

Concen: 3.054 ng/ul

RT: 7.69 min Scan# 766

Delta R.T. 0.00 min

Lab File: BM028054.D

Acq: 07 Dec 2020 12:18

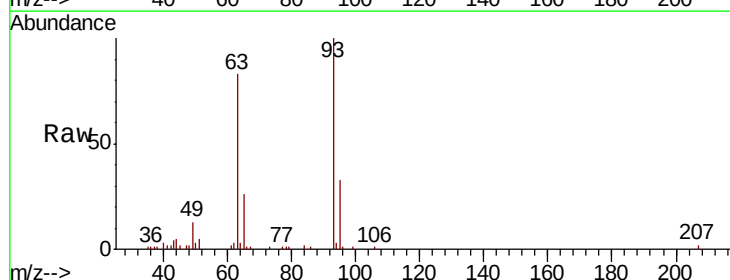
Tgt Ion: 93 Resp: 41579

Ion Ratio Lower Upper

93 100

63 82.7 65.0 97.4

95 33.0 26.6 40.0

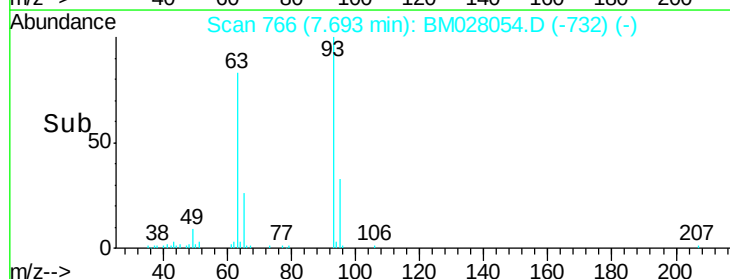
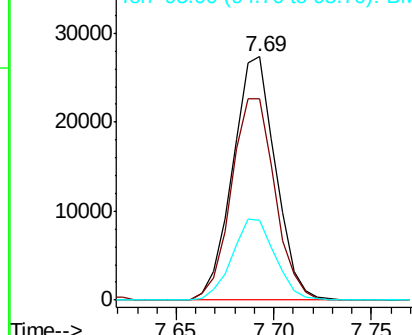


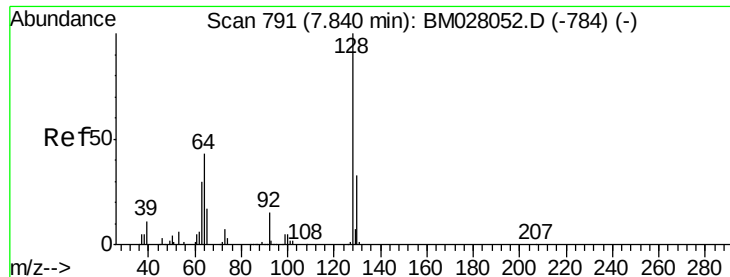
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 63.00 (62.70 to 63.70): BM0

Ion 95.00 (94.70 to 95.70): BM0





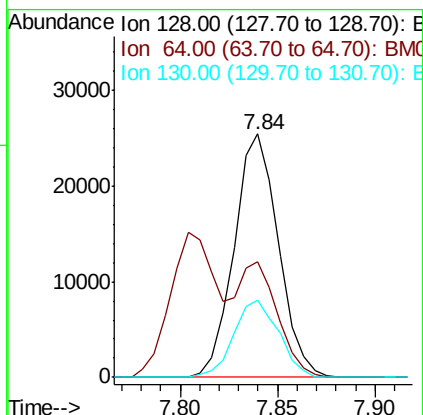
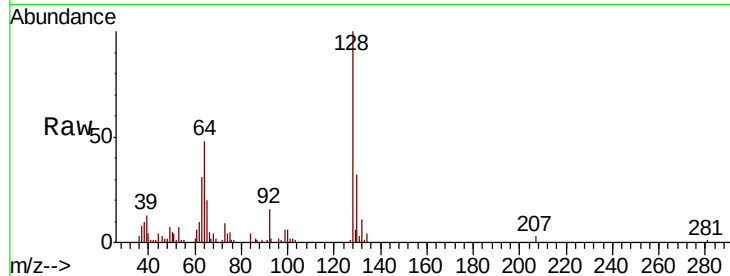
#12
2-Chlorophenol
Concen: 2.881 ng/ul
RT: 7.84 min Scan# 791
Delta R.T. 0.00 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

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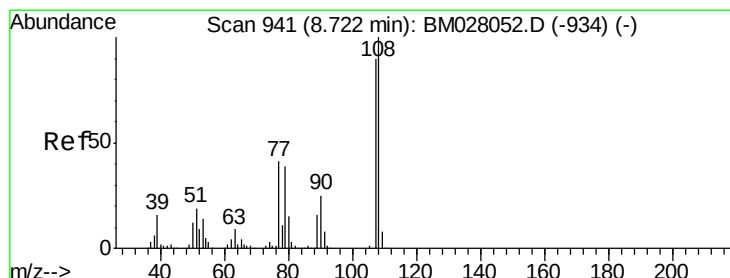
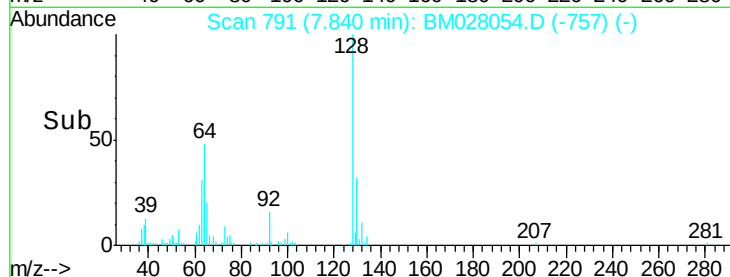
Tot Ion	Ratio	Lower	Upper
128	100		
64	47.6	37.4	56.2
130	31.8	25.4	38.0

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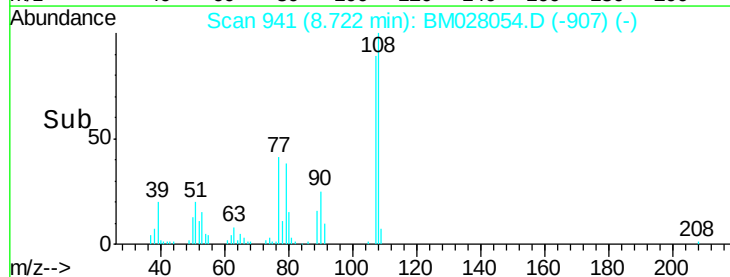
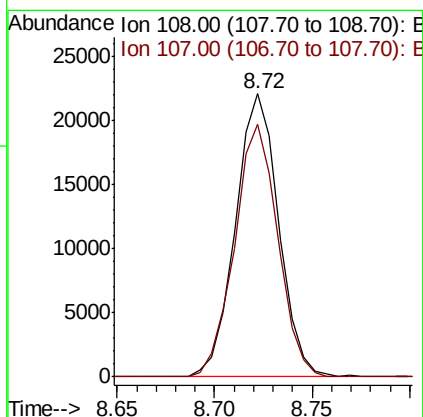
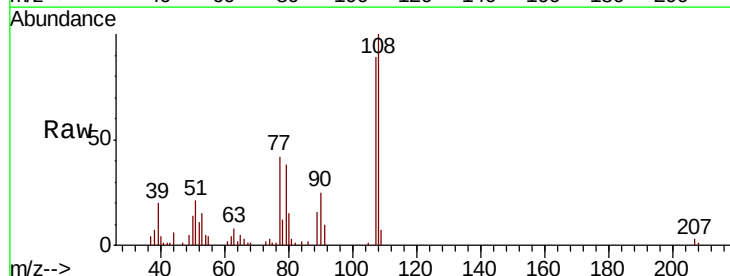


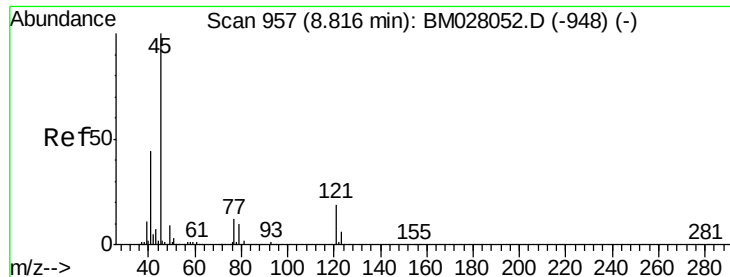
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#13
2-Methylphenol
Concen: 2.727 ng/ul
RT: 8.72 min Scan# 941
Delta R.T. 0.00 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Tgt Ion	Ratio	Lower	Upper
108	100		
107	89.4	70.1	105.1





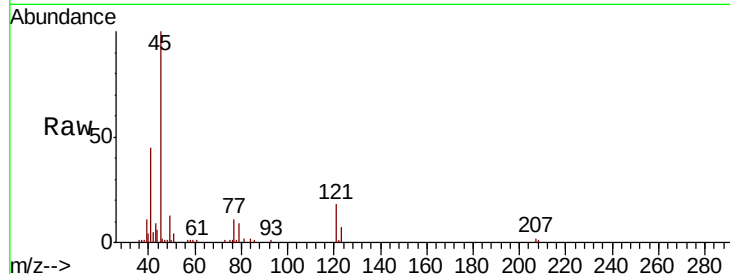
#14
2,2'-oxybis(1-chloropropane)
Concen: 3.046 ng/ul
RT: 8.82 min Scan# 957
Delta R.T. -0.01 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-04

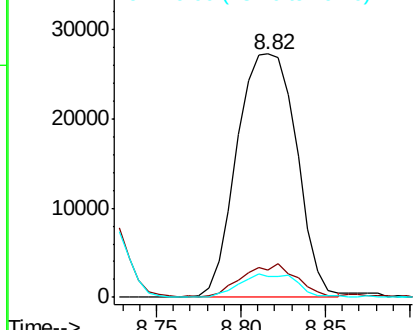
Tot Ion:	45	Resp:	66743
Ion Ratio	Lower	Upper	
45	100		
77	11.2	9.8	14.8
79	8.6	7.4	11.2

Manual Integrations
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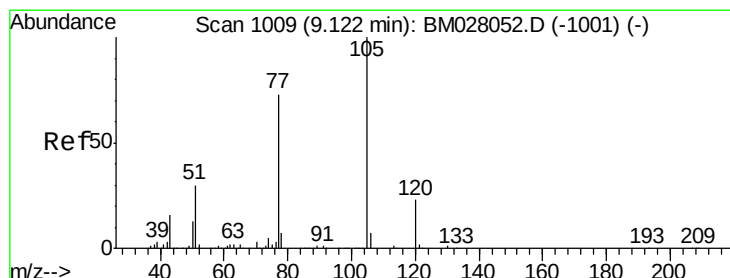
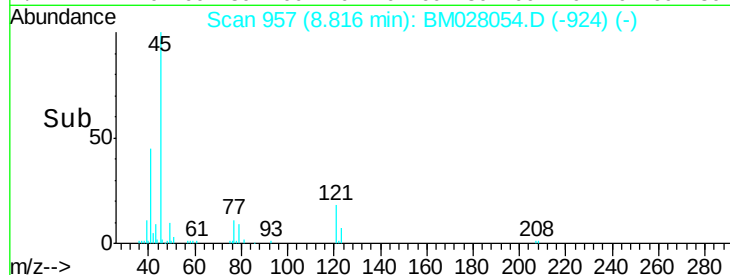
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Abundance Ion 45.00 (44.70 to 45.70): BM0
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

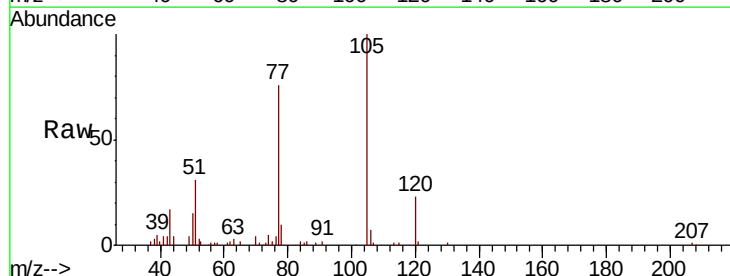


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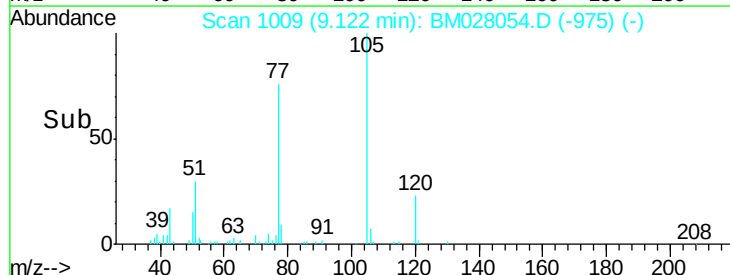
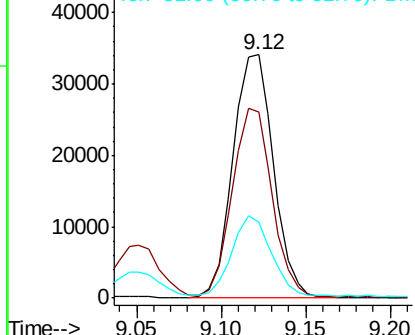


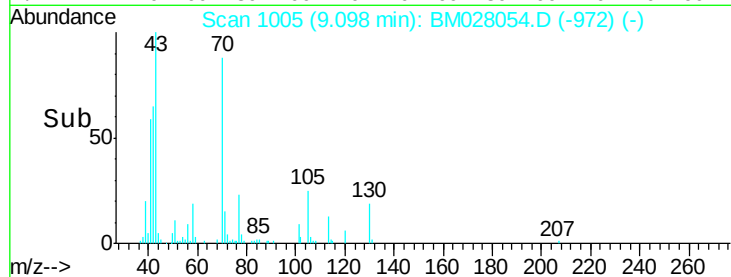
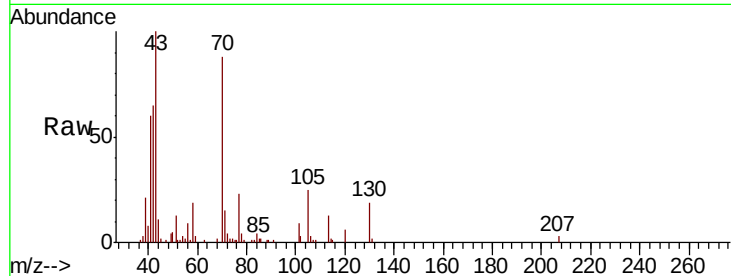
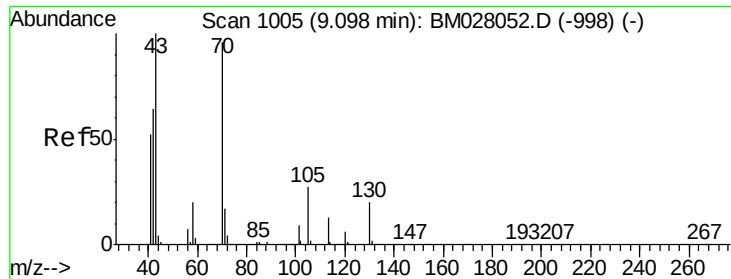
#16
Acetophenone
Concen: 2.984 ng/ul
RT: 9.12 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Tgt Ion:	105	Resp:	57069
Ion Ratio	Lower	Upper	
105	100		
77	76.3	60.0	90.0
51	31.1	24.1	36.1



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





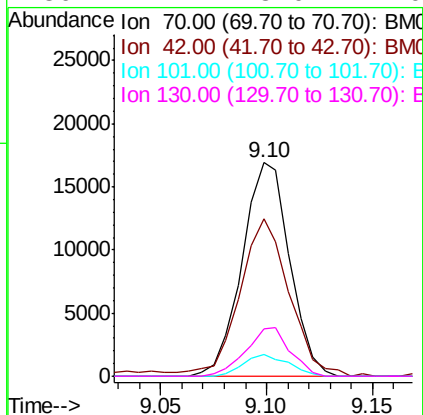
#17
N-Nitroso-di-n-propylamine
Concen: 2.909 ng/ul
RT: 9.10 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	73.6	55.3	82.9	
101	10.0	8.0	12.0	
130	22.1	18.0	27.0	

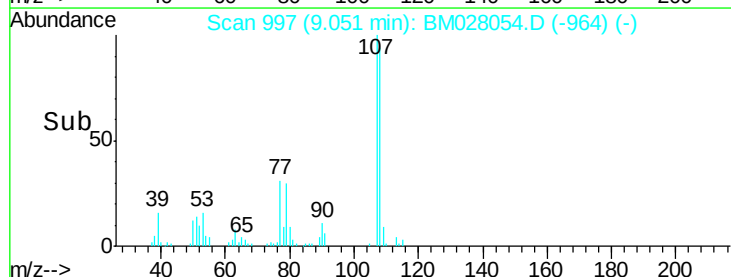
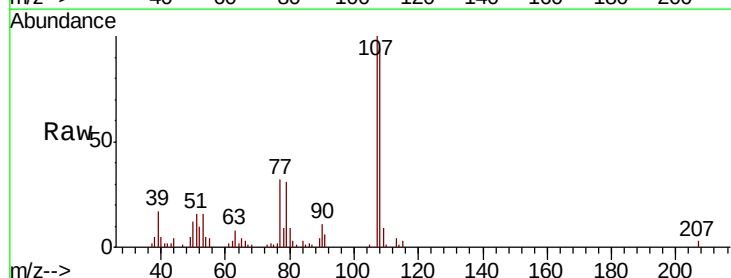
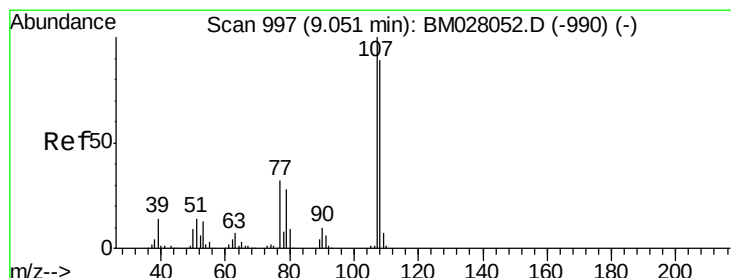
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-04

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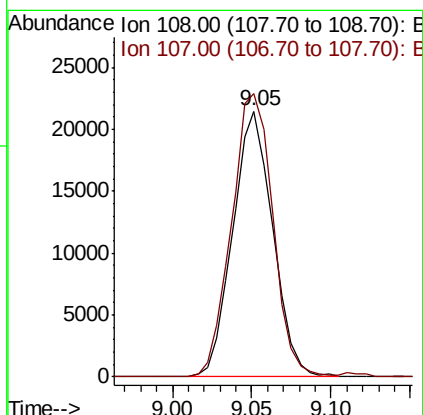


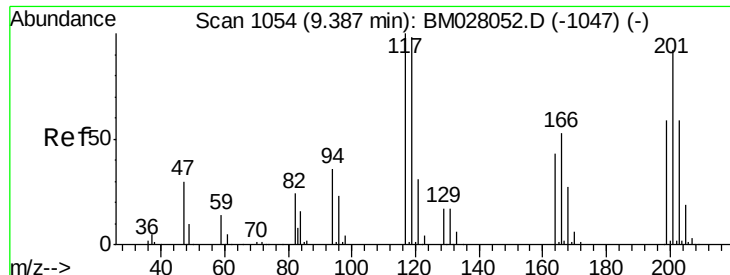
12/8/2020 2:06:32 PM



#18
4-Methylphenol
Concen: 2.838 ng/ul
RT: 9.05 min Scan# 997
Delta R.T. -0.01 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	106.5	93.4	140.2	





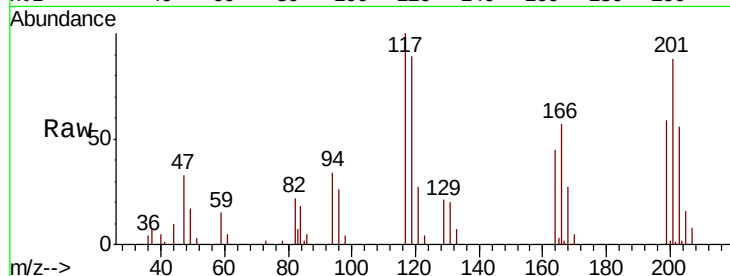
#19
Hexachloroethane
Concen: 2.814 ng/ul
RT: 9.39 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Instrument :
BNA_M
ClientSampled :
MDL-SOIL-04

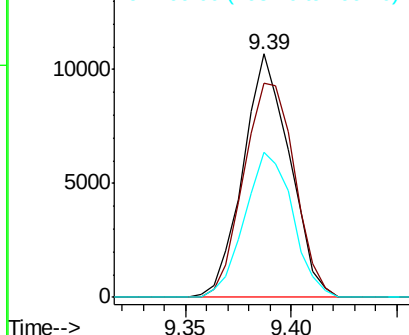
Tot Ion:	117	Resp:	16411
Ion Ratio	Lower	Upper	
117	100		
201	88.0	80.0	120.0
199	59.5	48.6	73.0

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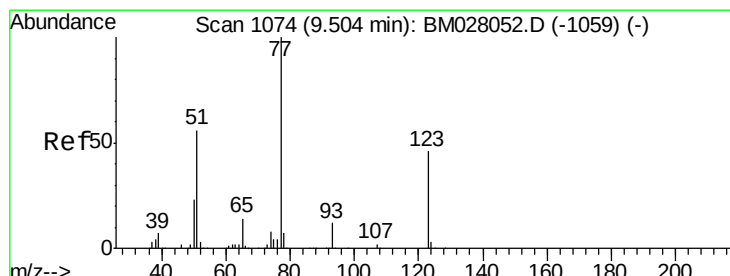
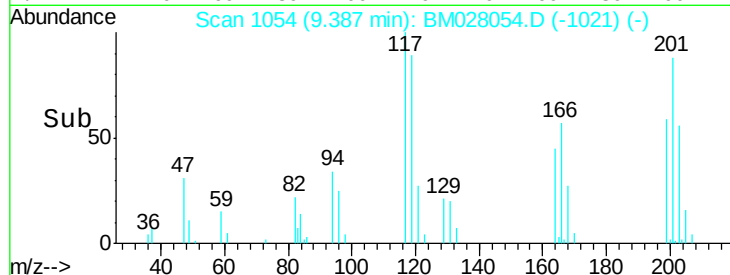
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Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E



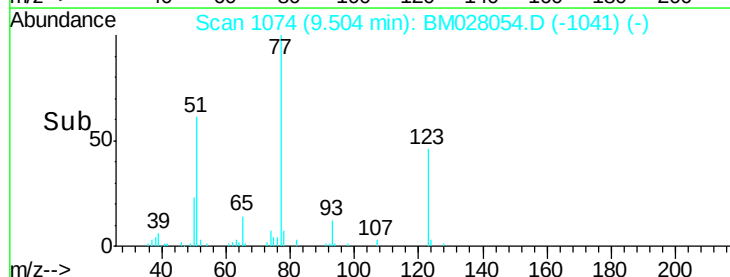
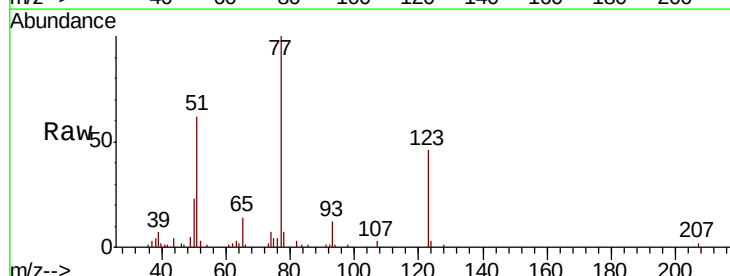
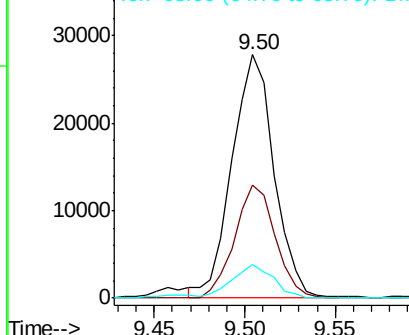
12/8/2020 2:06:32 PM

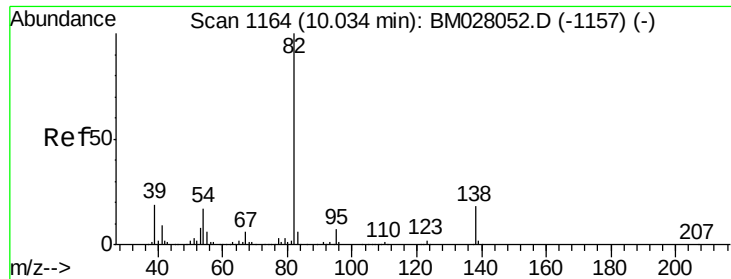


#22
Nitrobenzene
Concen: 2.930 ng/ul
RT: 9.50 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Tgt Ion:	77	Resp:	44879
Ion Ratio	Lower	Upper	
77	100		
123	46.2	35.8	53.6
65	13.9	10.4	15.6

Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM0





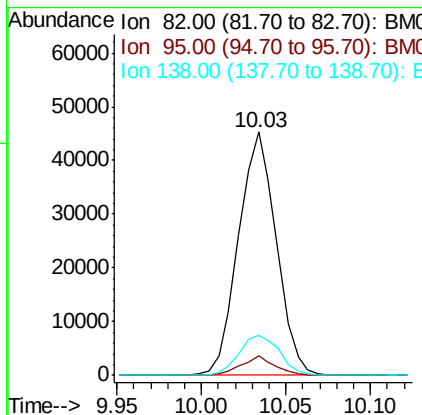
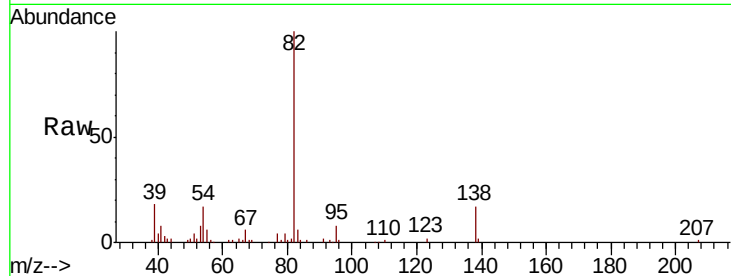
#23
Isophorone
Concen: 2.754 ng/ul
RT: 10.03 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-04

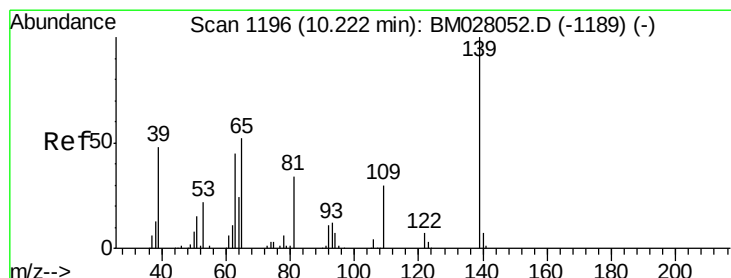
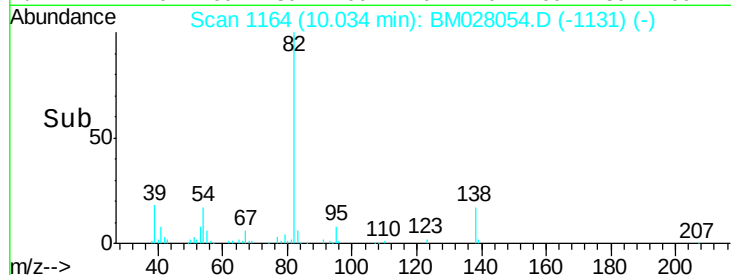
Tot Ion	Ratio	Lower	Upper
82	100		
95	8.2	5.5	8.3
138	16.7	14.6	22.0

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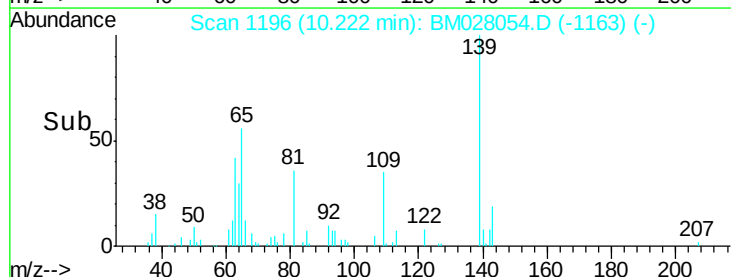
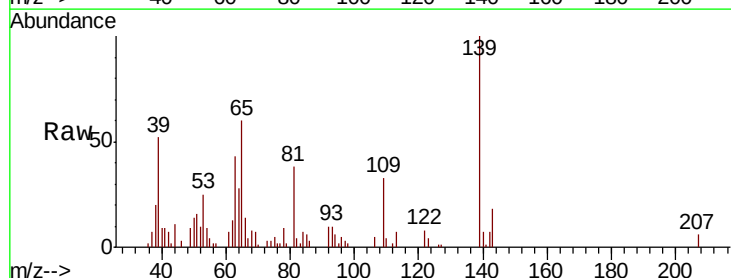
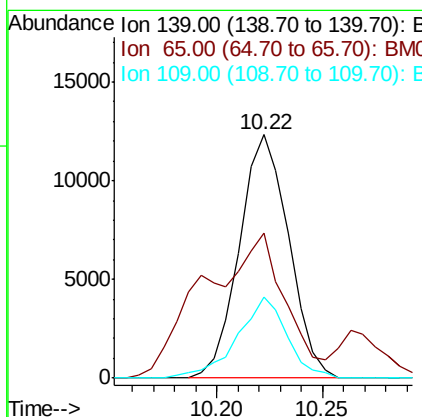


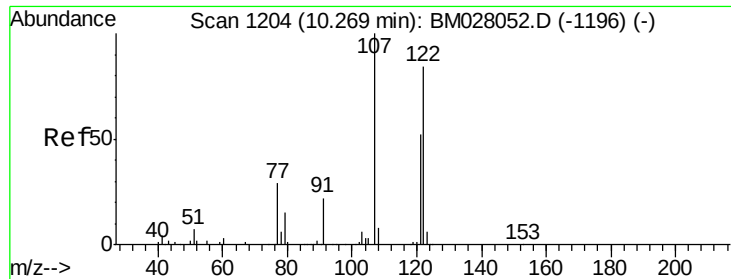
12/8/2020 2:06:32 PM



#25
2-Nitrophenol
Concen: 2.852 ng/ul
RT: 10.22 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Tgt Ion	Ratio	Lower	Upper
139	100		
65	59.5	42.2	63.2
109	33.3	22.7	34.1





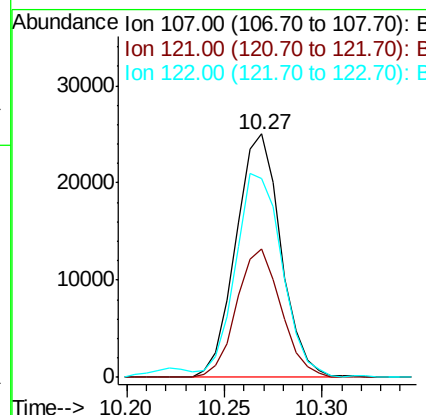
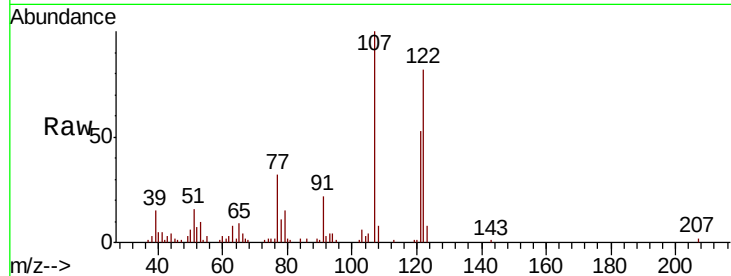
#26
 2,4-Dimethylphenol
 Concen: 2.783 ng/ul
 RT: 10.27 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BM028054.D
 Acq: 07 Dec 2020 12:18

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-04

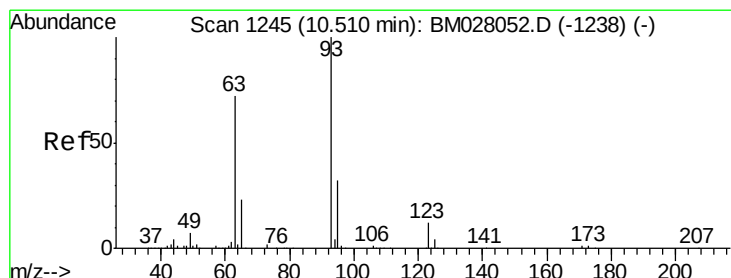
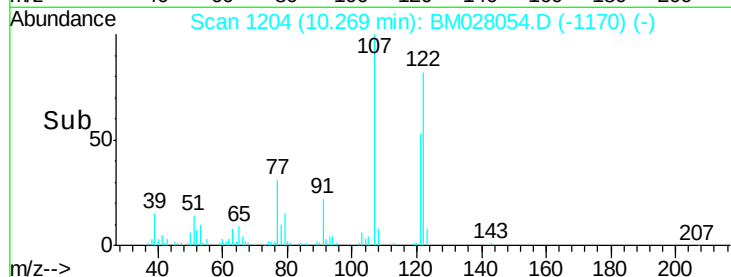
Tot Ion:	107	Resp:	40125
Ion	Ratio	Lower	Upper
107	100		
121	52.6	41.2	61.8
122	81.9	68.1	102.1

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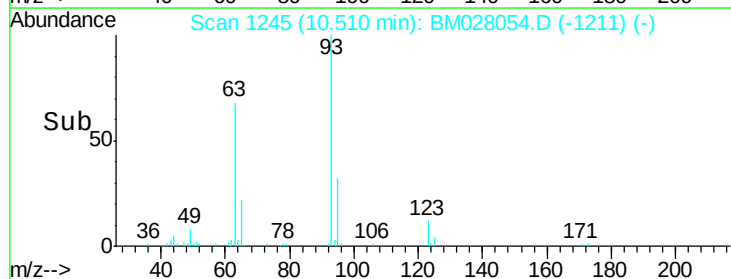
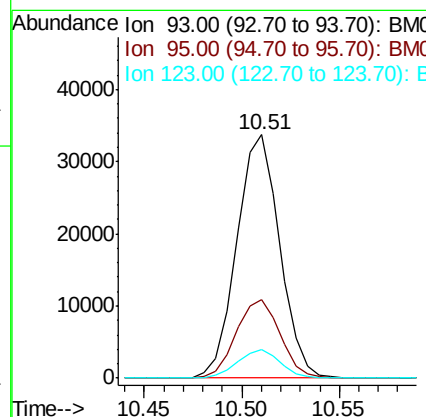
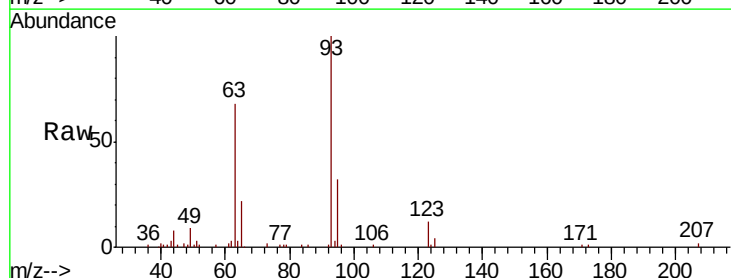


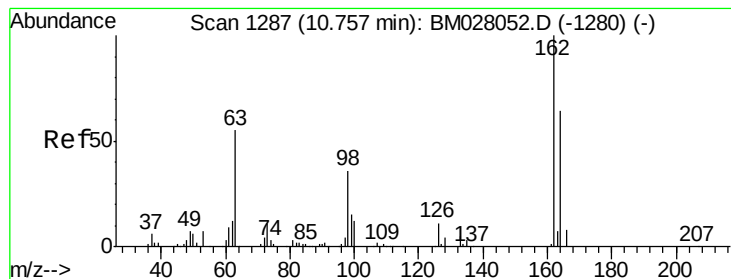
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#27
 Bis(2-Chloroethoxy)methane
 Concen: 2.920 ng/ul
 RT: 10.51 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BM028054.D
 Acq: 07 Dec 2020 12:18

Tgt Ion:	93	Resp:	51367
Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.2	39.4
123	11.9	9.0	13.6





#29

2,4-Dichlorophenol

Concen: 2.877 ng/ul

RT: 10.76 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BM028054.D

Acq: 07 Dec 2020 12:18

Instrument :

BNA_M

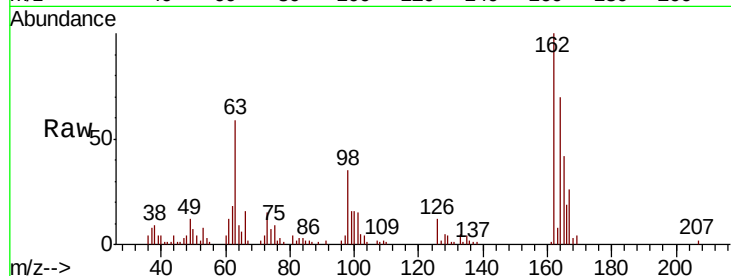
ClientSampled :

MDL-SOIL-04

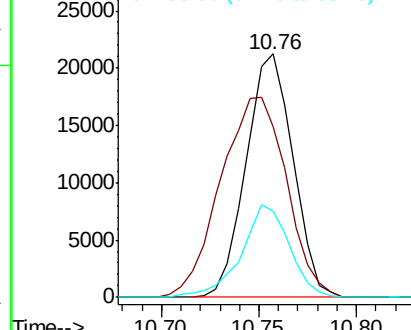
Tot Ion:	162	Resp:	35415
Ion Ratio	Lower	Upper	
162	100		
164	70.2	53.7	80.5
98	35.4	29.5	44.3

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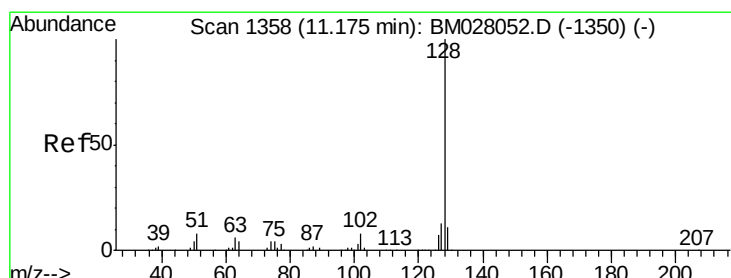
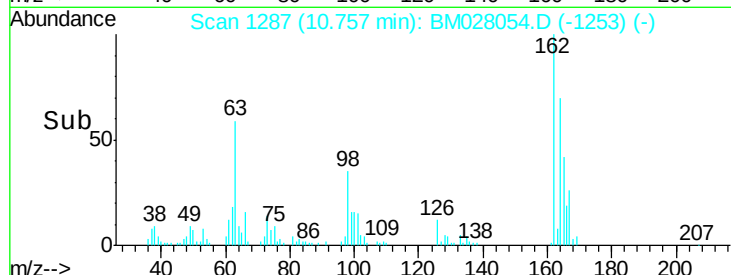
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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM



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#30

Naphthalene

Concen: 2.827 ng/ul

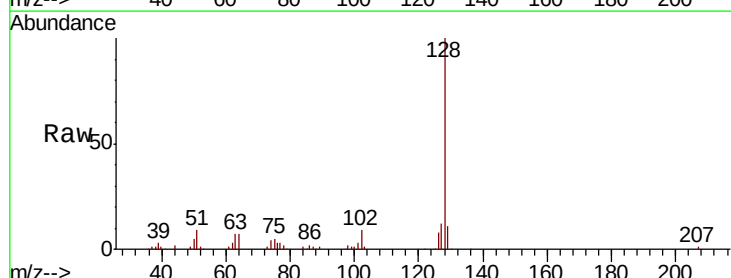
RT: 11.17 min Scan# 1357

Delta R.T. -0.01 min

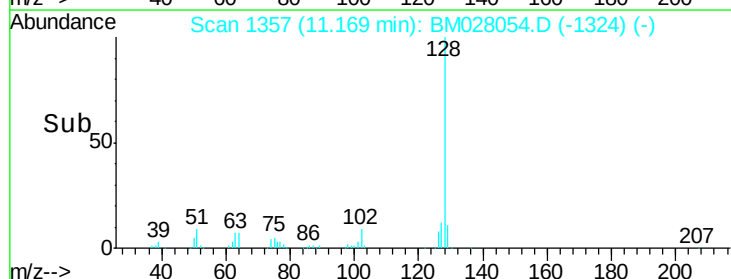
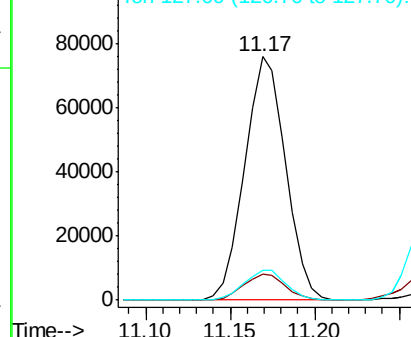
Lab File: BM028054.D

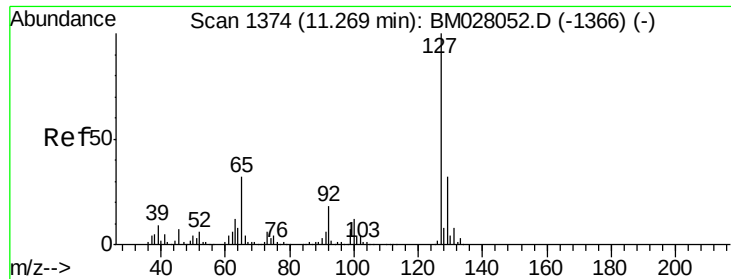
Acq: 07 Dec 2020 12:18

Tgt Ion:	128	Resp:	127673
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.8	13.2
127	12.3	10.4	15.6



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





#32

4-Chloroaniline

Concen: 2.997 ng/ul

RT: 11.27 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BM028054.D

Acq: 07 Dec 2020 12:18

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-04

Tot Ion:127 Resp: 49948

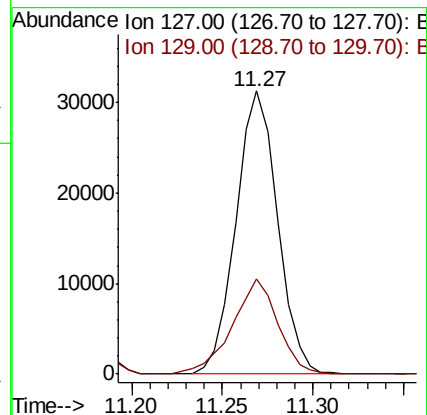
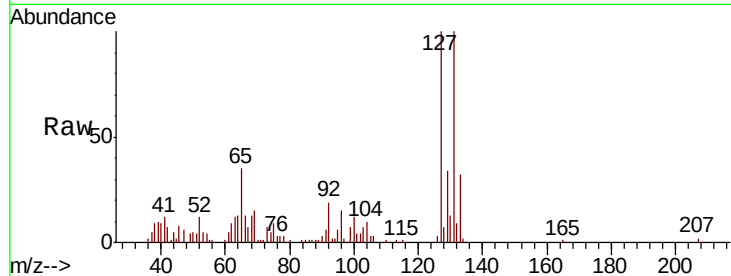
Ion Ratio Lower Upper

127 100

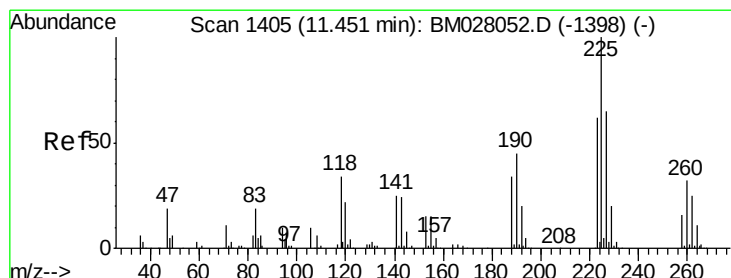
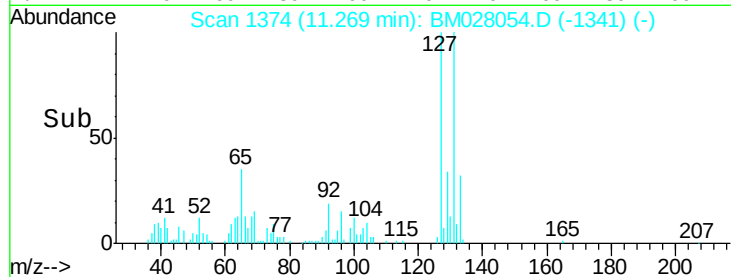
129 33.8 26.2 39.4

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#33

Hexachlorobutadiene

Concen: 2.923 ng/ul

RT: 11.45 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BM028054.D

Acq: 07 Dec 2020 12:18

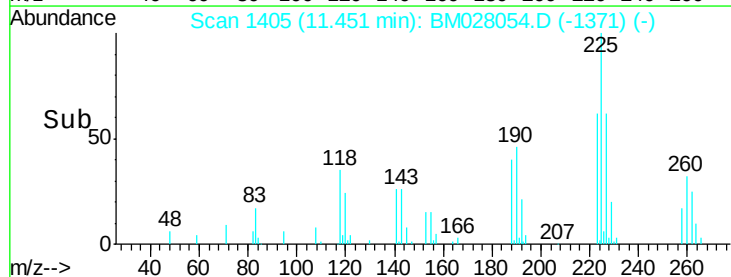
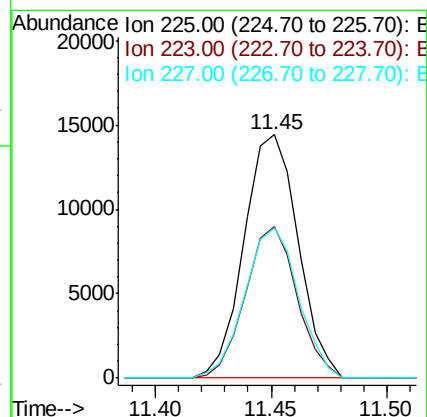
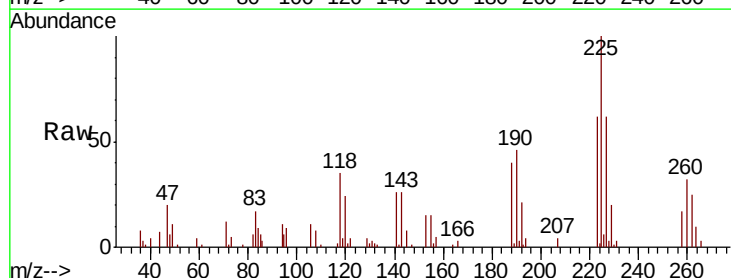
Tgt Ion:225 Resp: 23559

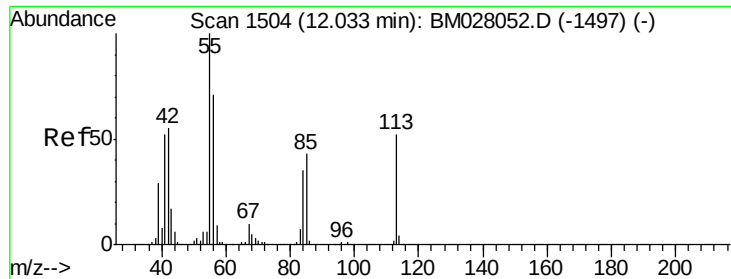
Ion Ratio Lower Upper

225 100

223 62.4 50.3 75.5

227 61.5 50.6 75.8





#34

Caprolactam

Concen: 2.279 ng/ul m

RT: 12.03 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BM028054.D

Acq: 07 Dec 2020 12:18

Instrument :

BNA_M

ClientSampled :

MDL-SOIL-04

Tot Ion:113 Resp: 8084

Ion Ratio Lower Upper

113 100

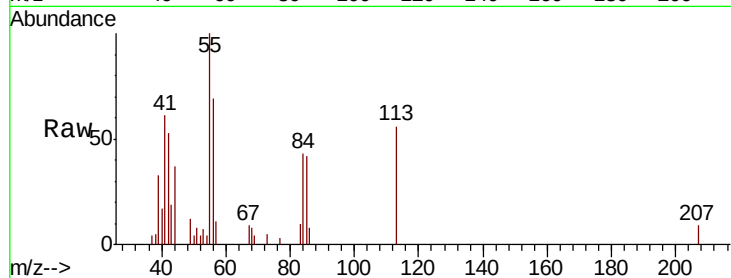
55 179.7 145.0 217.6

56 123.6 109.8 164.6

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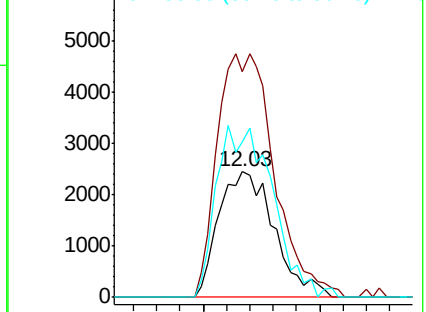
monammad



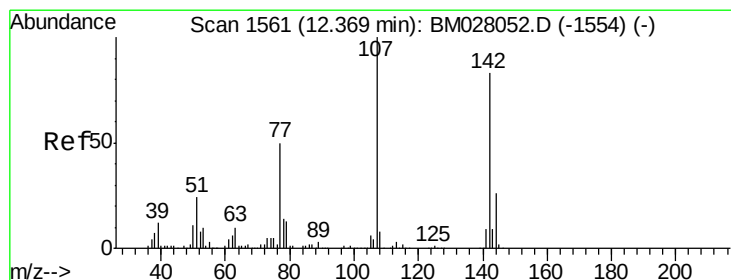
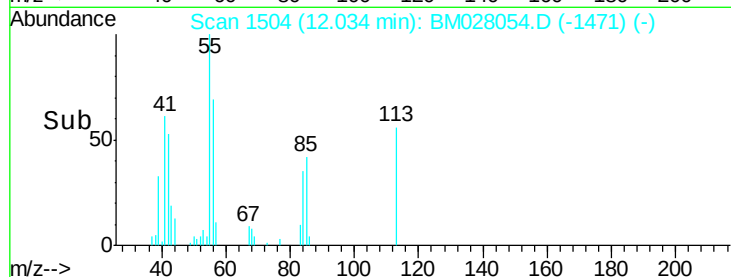
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



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#35

4-Chloro-3-methylphenol

Concen: 2.638 ng/ul

RT: 12.36 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BM028054.D

Acq: 07 Dec 2020 12:18

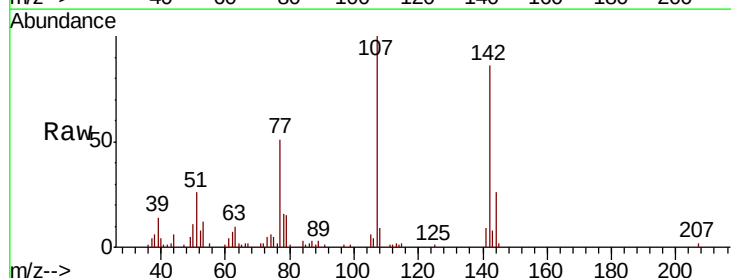
Tgt Ion:107 Resp: 32570

Ion Ratio Lower Upper

107 100

144 25.9 21.8 32.8

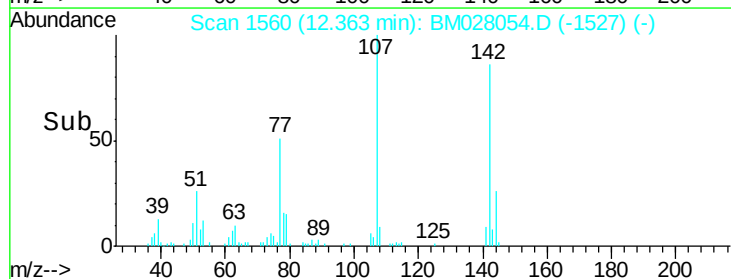
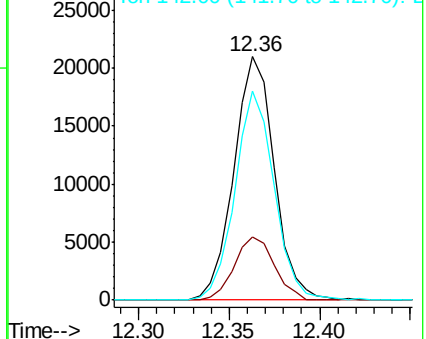
142 85.8 66.7 100.1

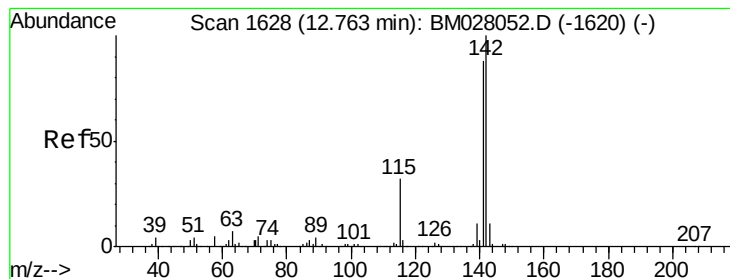


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#36

2-Methylnaphthalene

Concen: 2.785 ng/ul

RT: 12.76 min Scan# 1627

Delta R.T. -0.01 min

Lab File: BM028054.D

Acq: 07 Dec 2020 12:18

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-04

Tot Ion:142 Resp: 82677

Ion Ratio Lower Upper

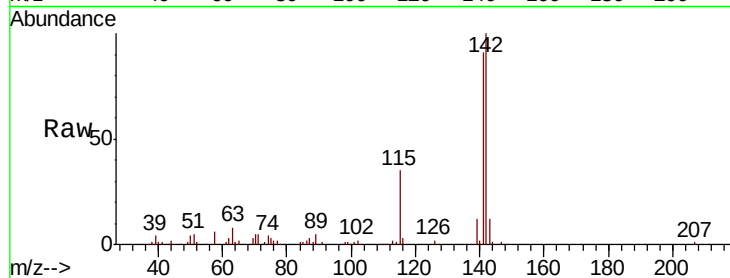
142 100

141 90.9 71.0 106.6

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.76

60000

50000

40000

30000

20000

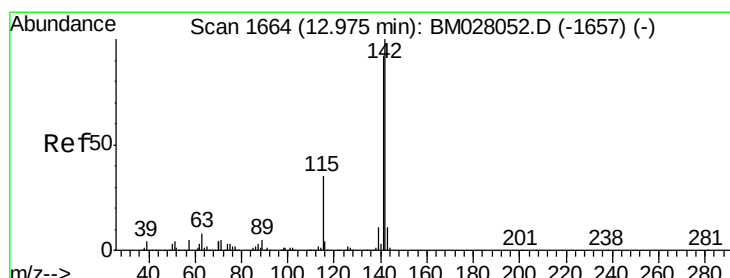
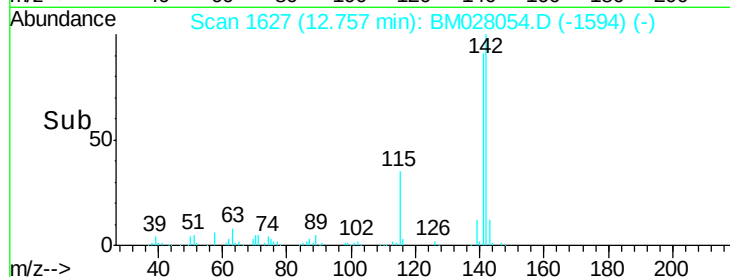
10000

0

Time-->

12.70 12.75 12.80

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#37

1-Methylnaphthalene

Concen: 2.826 ng/ul

RT: 12.97 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BM028054.D

Acq: 07 Dec 2020 12:18

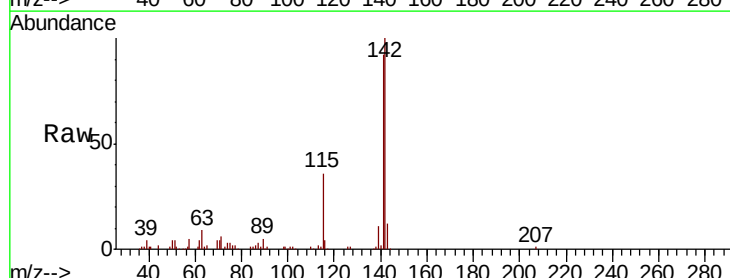
Tgt Ion:142 Resp: 80664

Ion Ratio Lower Upper

142 100

141 92.3 74.2 111.2

116 4.0 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

12.97

60000

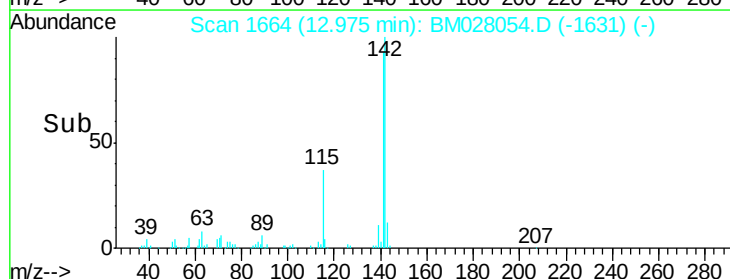
40000

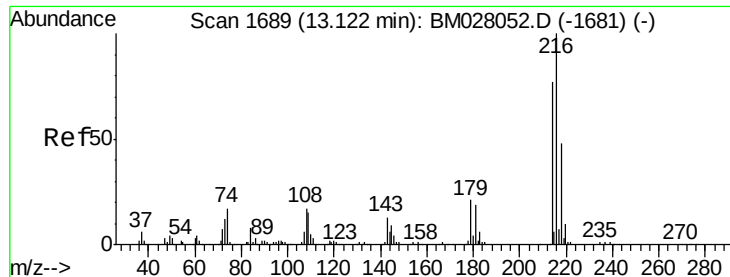
20000

0

Time-->

12.90 12.95 13.00





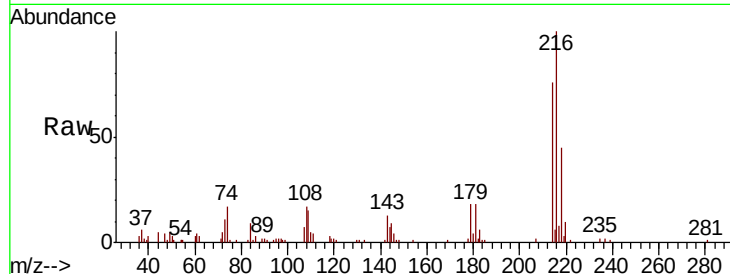
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.789 ng/ul
 RT: 13.12 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BM028054.D
 Acq: 07 Dec 2020 12:18

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-04

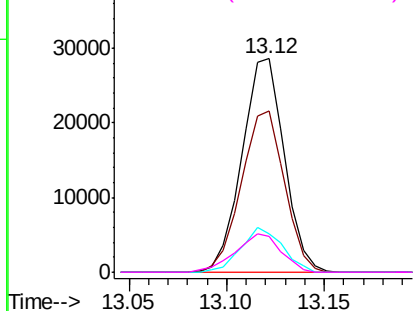
Tot Ion	Ratio	Lower	Upper
216	100		
214	75.6	63.7	95.5
179	18.0	16.1	24.1
108	16.7	13.8	20.6

Manual Integrations
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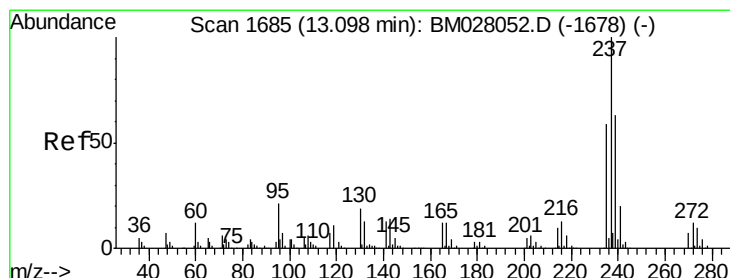
monammad



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

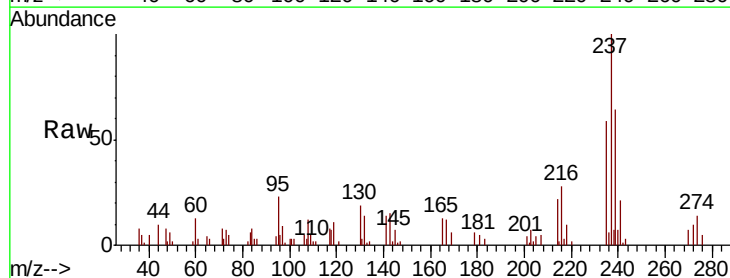


12/8/2020 2:06:32 PM

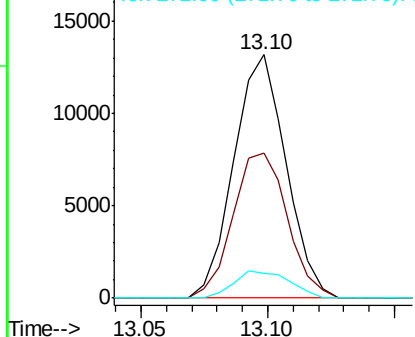


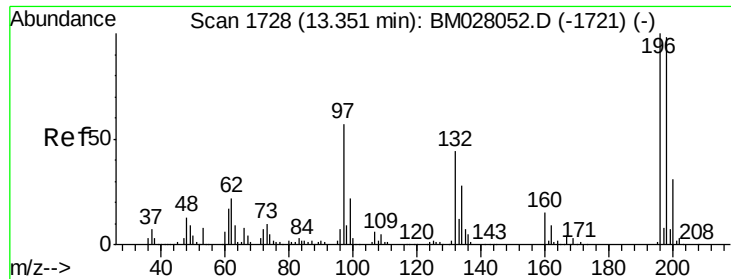
#40
 Hexachlorocyclopentadiene
 Concen: 2.144 ng/ul
 RT: 13.10 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: BM028054.D
 Acq: 07 Dec 2020 12:18

Tgt Ion	Ratio	Lower	Upper
237	100		
235	59.4	49.6	74.4
272	10.3	10.6	15.8#



Abundance Ion 237.00 (236.70 to 237.70): E
 Ion 235.00 (234.70 to 235.70): E
 Ion 272.00 (271.70 to 272.70): E





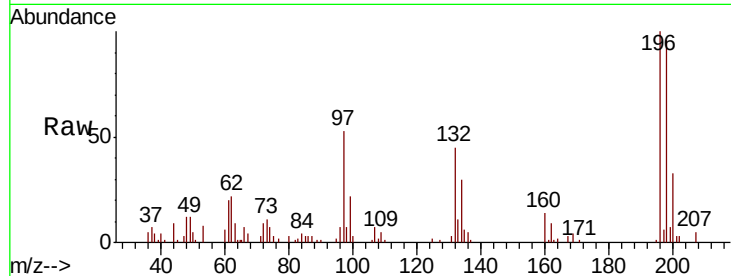
#41
2,4,6-Trichlorophenol
Concen: 2.434 ng/ul
RT: 13.35 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-04

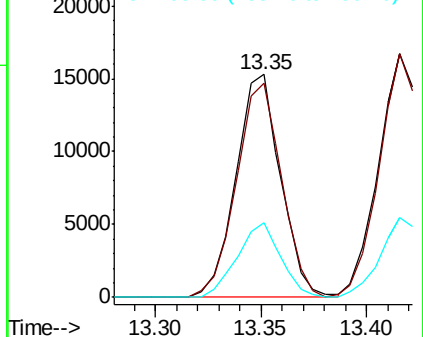
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	78.3	117.5
200	33.4	26.4	39.6

Manual Integrations
APPROVED

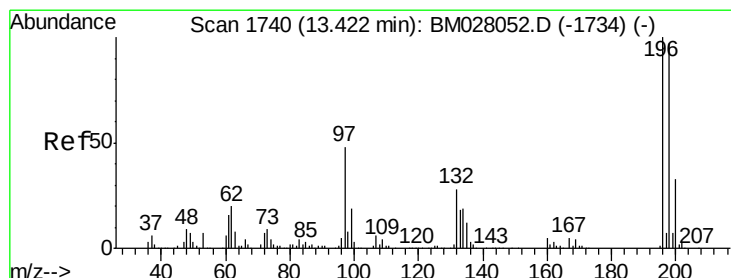
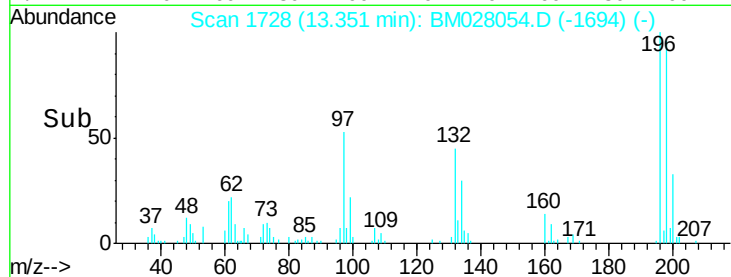
monammad



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E



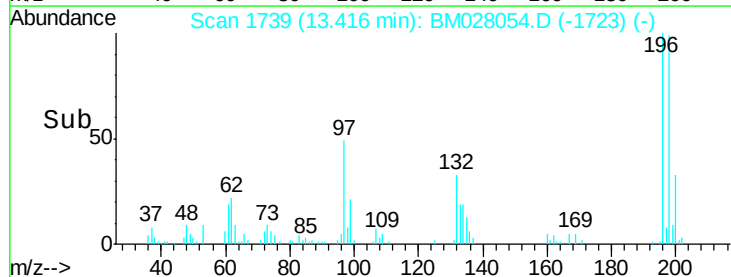
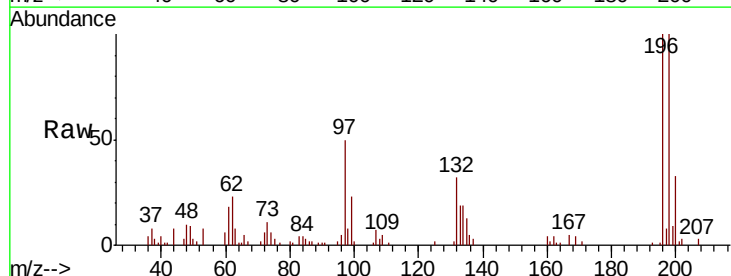
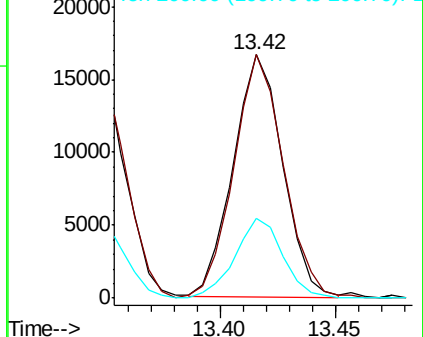
12/8/2020 2:06:32 PM

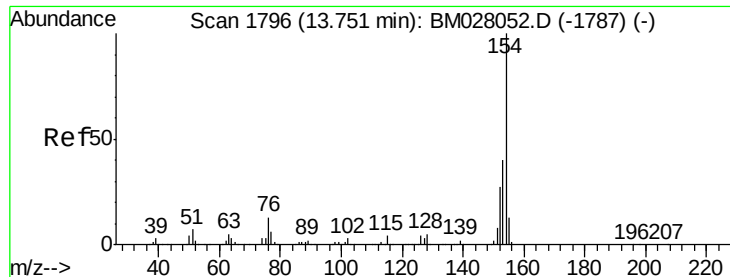


#42
2,4,5-Trichlorophenol
Concen: 2.503 ng/ul
RT: 13.42 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.0	77.8	116.8
200	32.5	24.2	36.2

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





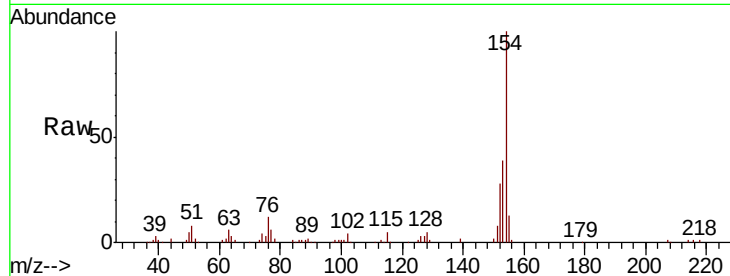
#43
 1,1'-Biphenyl
 Concen: 2.815 ng/ul
 RT: 13.75 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BM028054.D
 Acq: 07 Dec 2020 12:18

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-04

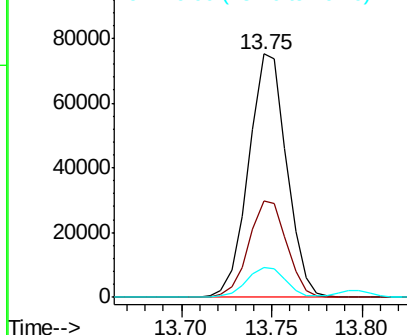
Tot Ion:	154	Resp:	109434
Ion Ratio	Lower	Upper	
154	100		
153	39.4	31.9	47.9
76	12.2	10.6	15.8

Manual Integrations
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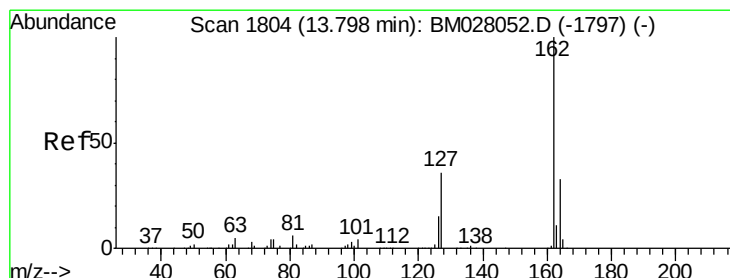
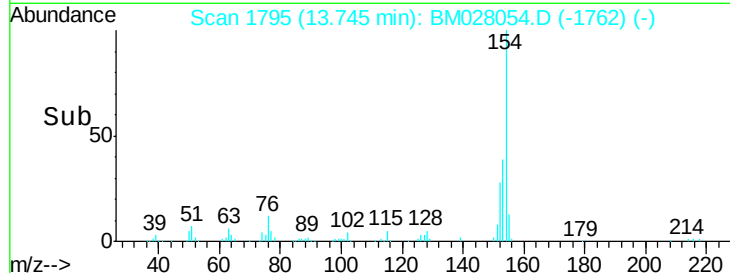
monammad



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

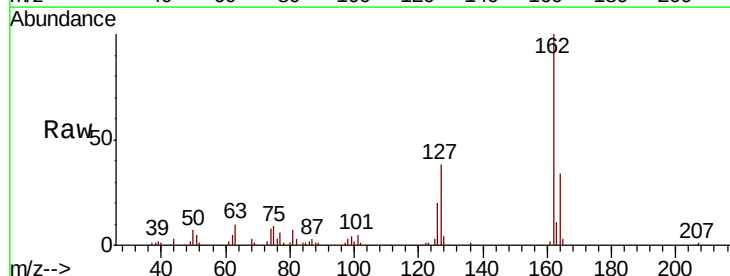


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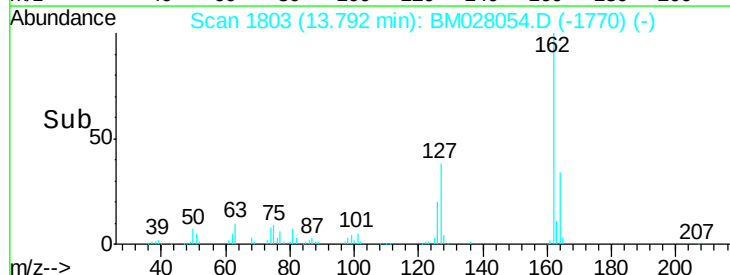
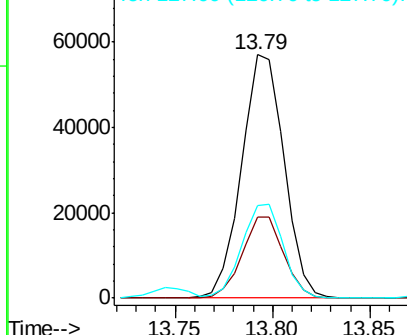


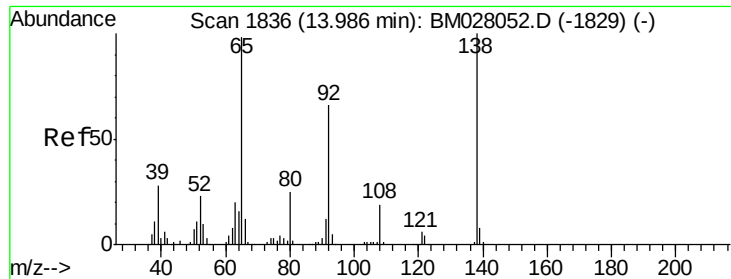
#44
 2-Chloronaphthalene
 Concen: 2.810 ng/ul
 RT: 13.79 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BM028054.D
 Acq: 07 Dec 2020 12:18

Tgt Ion:	162	Resp:	86050
Ion Ratio	Lower	Upper	
162	100		
164	33.5	27.0	40.6
127	38.3	30.8	46.2



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





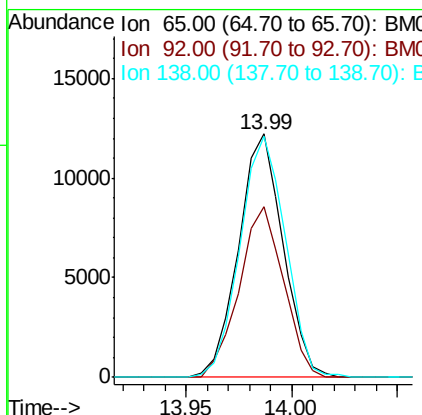
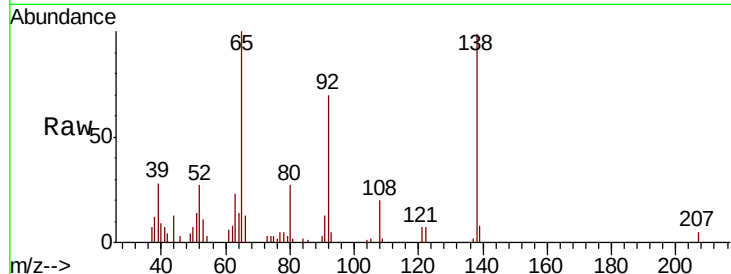
#45
2-Nitroaniline
Concen: 2.356 ng/ul
RT: 13.99 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-04

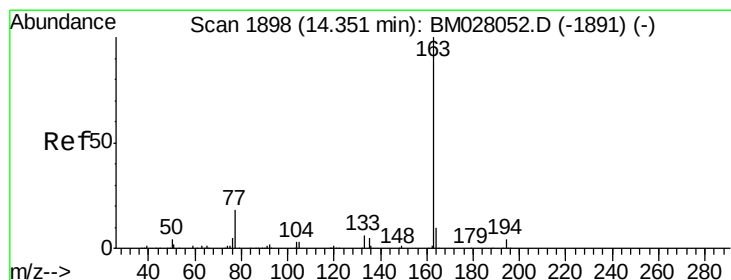
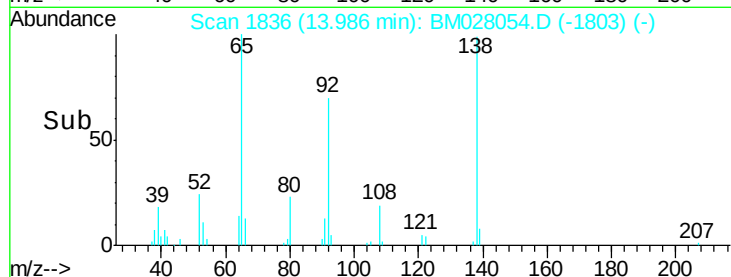
Tot Ion	Ratio	Lower	Upper
65	100		
92	70.1	55.0	82.6
138	98.9	83.8	125.6

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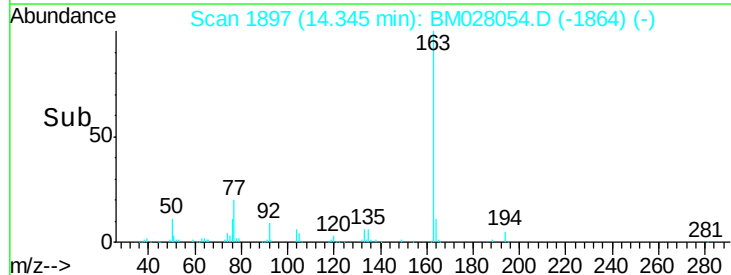
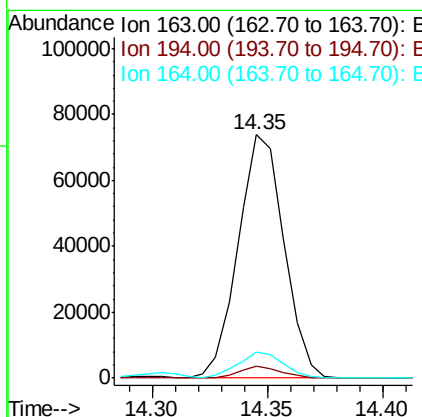
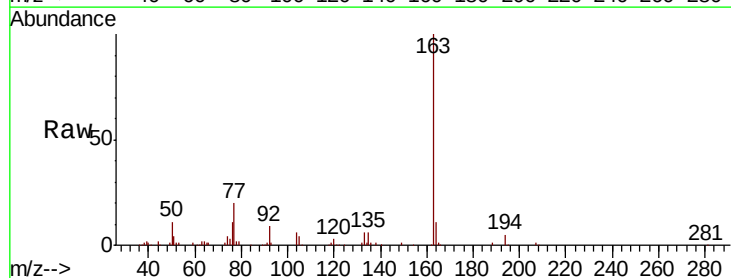


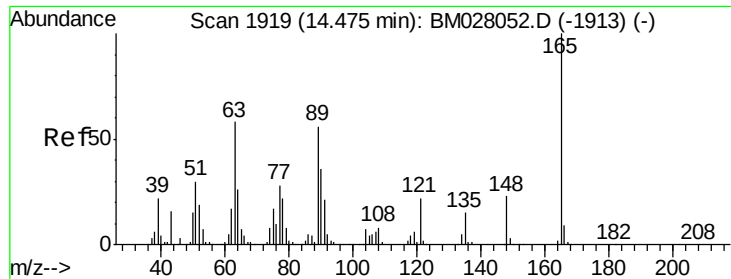
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#47
Dimethylphthalate
Concen: 2.954 ng/ul
RT: 14.35 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.2	4.8#
164	10.6	7.8	11.6





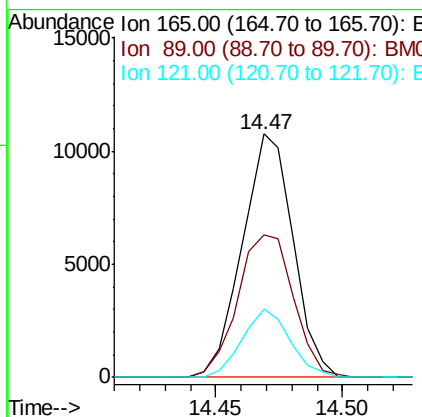
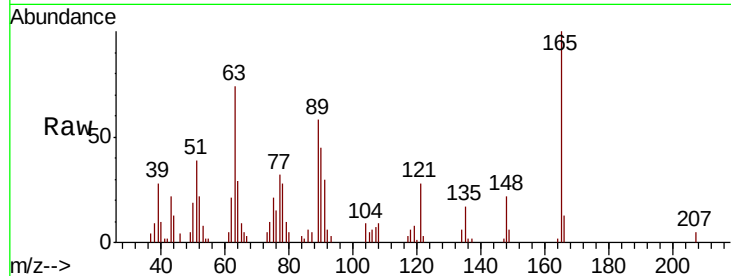
#48
 2,6-Dinitrotoluene
 Concen: 2.284 ng/ul
 RT: 14.47 min Scan# 1918
 Delta R.T. -0.01 min
 Lab File: BM028054.D
 Acq: 07 Dec 2020 12:18

Instrument :
 BNA_M
 ClientSampled :
 MDL-SOIL-04

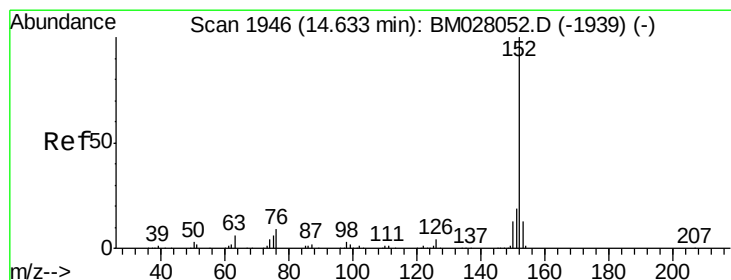
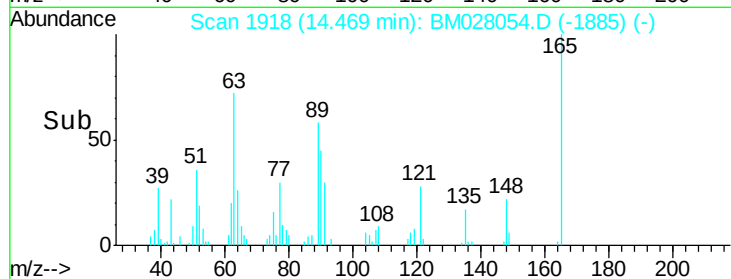
Tot Ion	Ratio	Lower	Upper
165	100		
89	58.4	48.0	72.0
121	27.8	18.0	27.0

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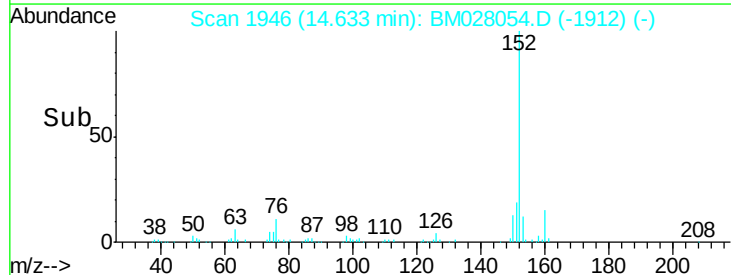
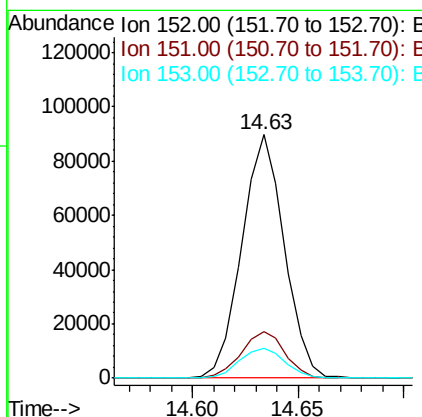
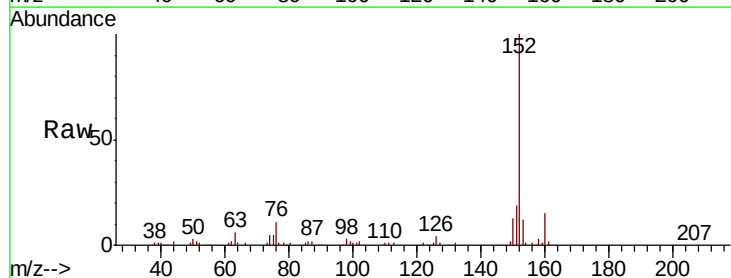


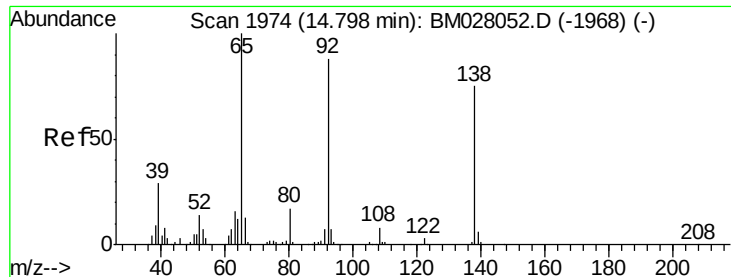
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#50
 Acenaphthylene
 Concen: 2.805 ng/ul
 RT: 14.63 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: BM028054.D
 Acq: 07 Dec 2020 12:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.5	23.3
153	12.5	10.6	15.8





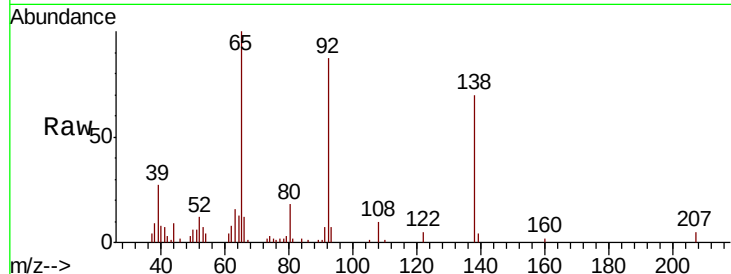
#51
3-Nitroaniline
Concen: 2.427 ng/ul
RT: 14.80 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-04

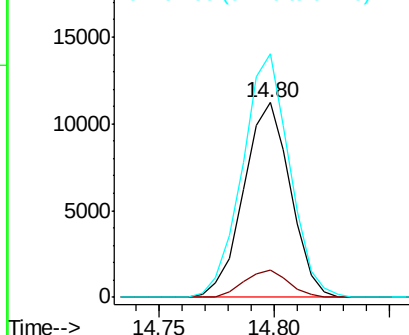
Tot Ion:138 Resp: 15867
Ion Ratio Lower Upper
138 100
108 14.1 9.0 13.6#
92 125.1 91.9 137.9

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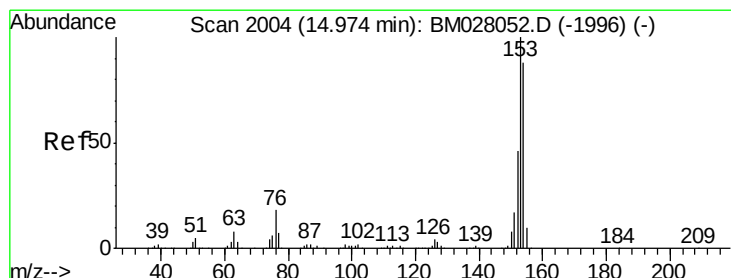
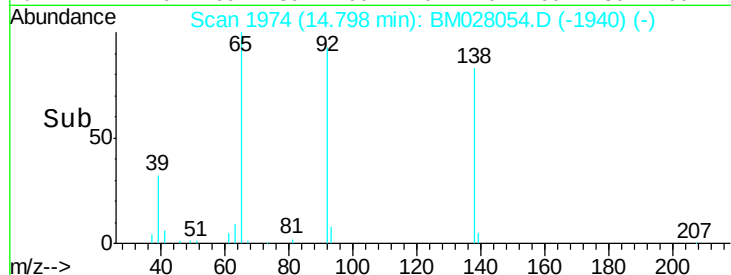
monammad



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): BMO

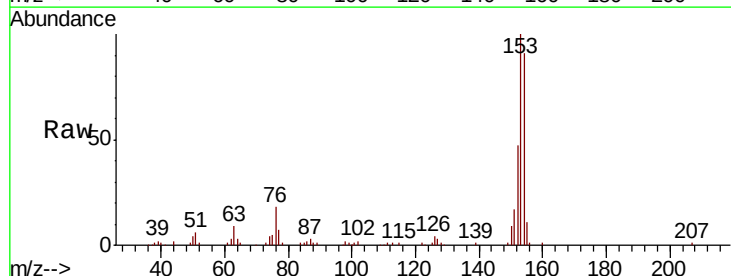


12/8/2020 2:06:32 PM

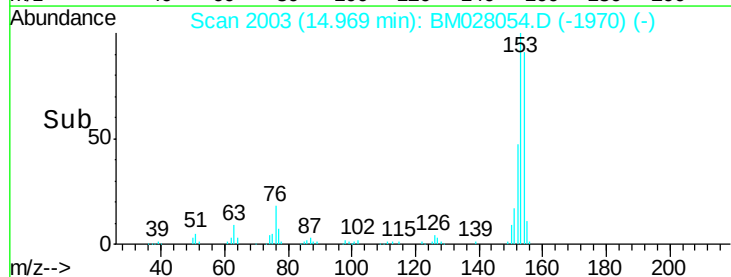
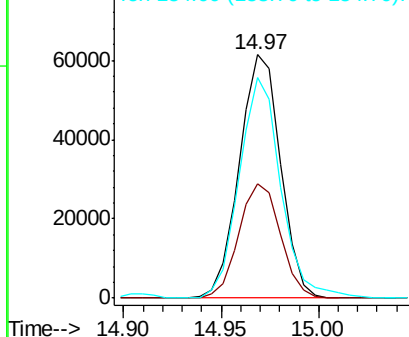


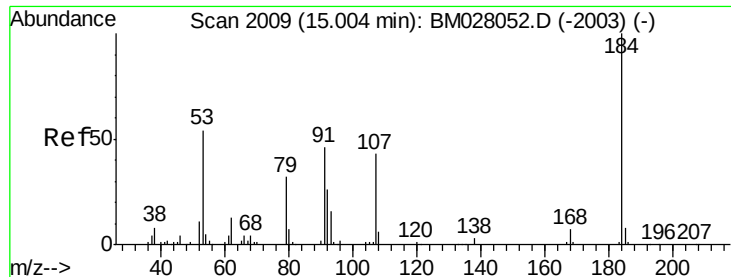
#52
Acenaphthene
Concen: 2.800 ng/ul
RT: 14.97 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Tgt Ion:153 Resp: 89715
Ion Ratio Lower Upper
153 100
152 47.2 36.8 55.2
154 90.7 72.0 108.0



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





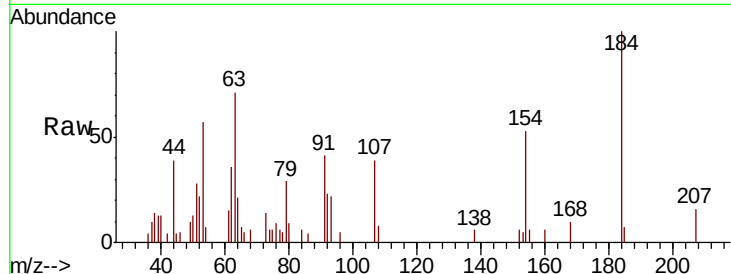
#53
2,4-Dinitrophenol
Concen: 1.586 ng/ul
RT: 15.00 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-04

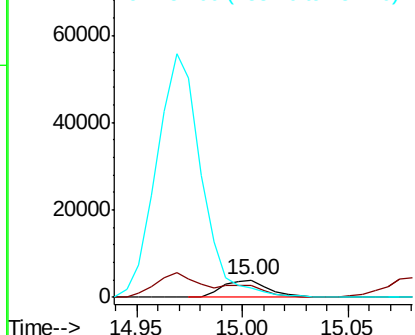
Tot Ion	Ratio	Lower	Upper
184	100		
63	71.3	59.8	89.6
154	53.5	54.7	82.1

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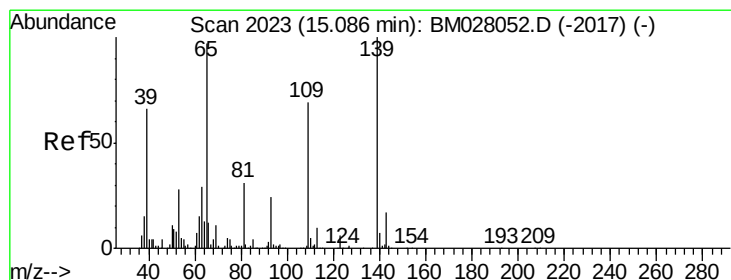
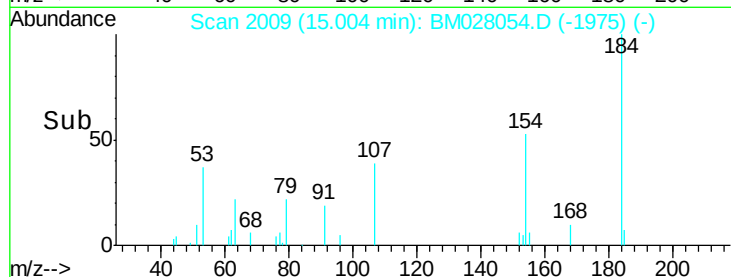
monammad



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

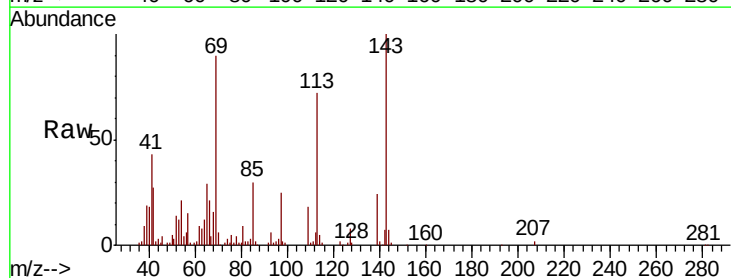


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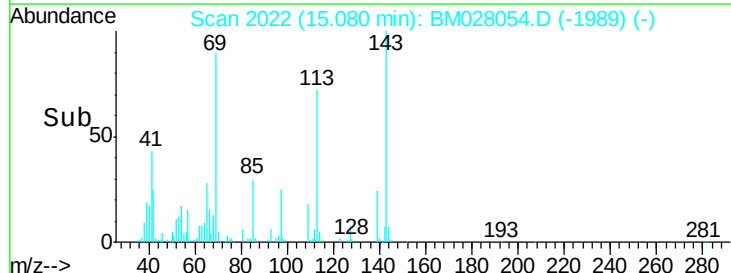
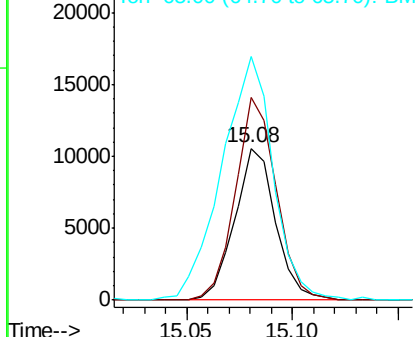


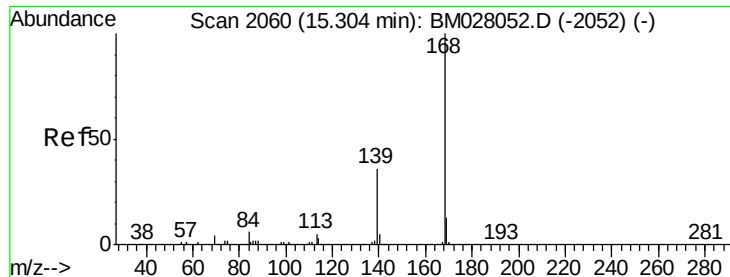
#55
4-Nitrophenol
Concen: 2.985 ng/ul
RT: 15.08 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Tgt Ion	Ratio	Lower	Upper
109	100		
139	133.7	109.8	164.6
65	160.2	116.3	174.5



Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM0





#56

Dibenzenofuran

Concen: 2.843 ng/ul

RT: 15.30 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BM028054.D

Acq: 07 Dec 2020 12:18

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-04

Tot Ion:168 Resp: 123382

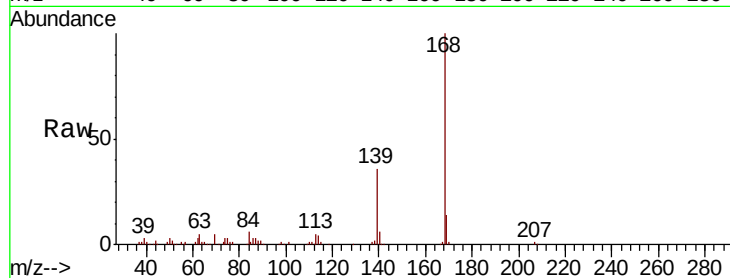
Ion Ratio Lower Upper

168 100

139 36.1 29.2 43.8

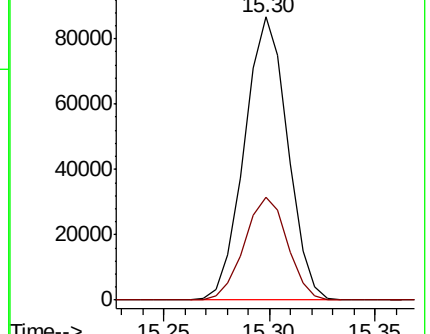
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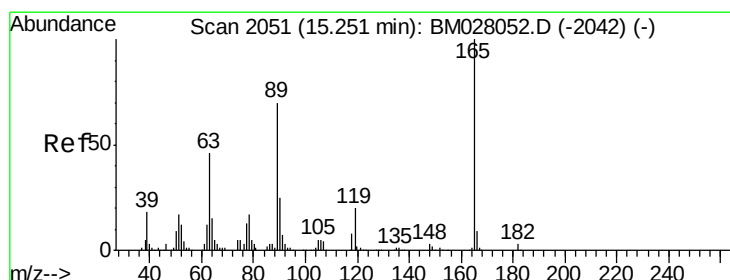
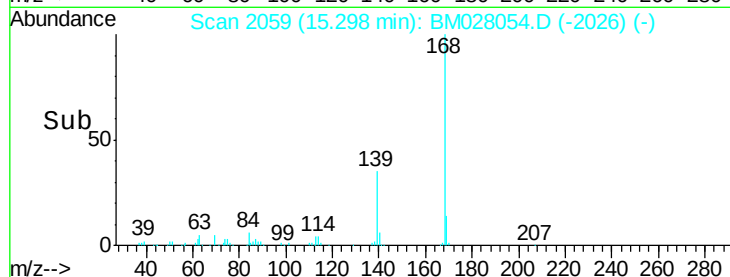


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



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#57

2,4-Dinitrotoluene

Concen: 2.475 ng/ul

RT: 15.25 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BM028054.D

Acq: 07 Dec 2020 12:18

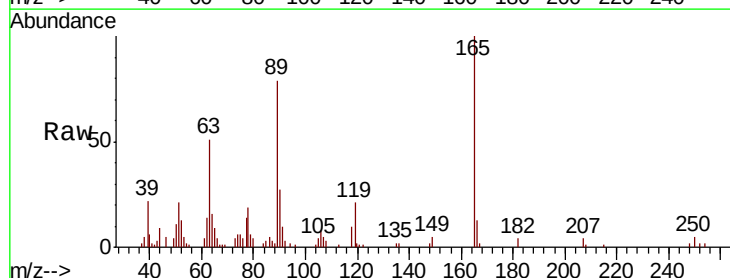
Tgt Ion:165 Resp: 22850

Ion Ratio Lower Upper

165 100

63 51.4 33.3 49.9#

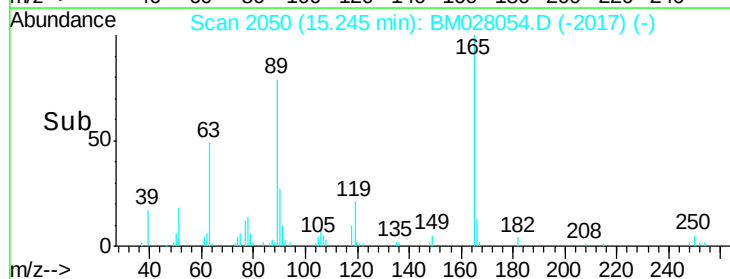
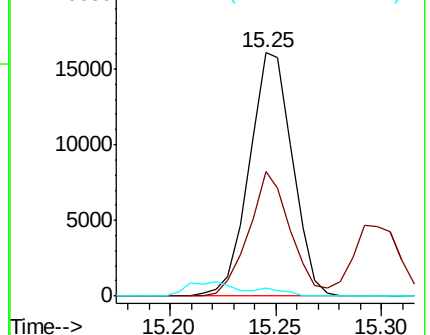
182 3.5 2.5 3.7

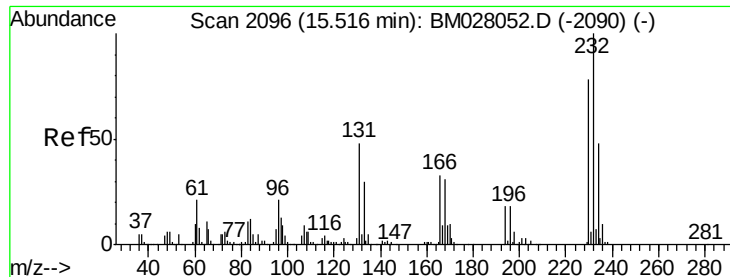


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E





#58

2,3,4,6-Tetrachlorophenol

Concen: 2.461 ng/ul

RT: 15.52 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BM028054.D

Acq: 07 Dec 2020 12:18

Instrument :

BNA_M

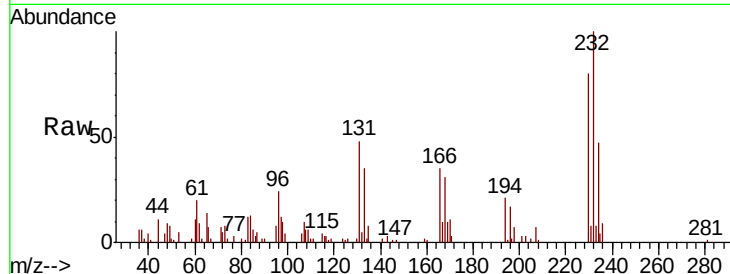
ClientSampleId :

MDL-SOIL-04

Tot Ion:	232	Resp:	19640
Ion Ratio	Lower	Upper	
232	100		
131	47.7	36.6	54.8
130	1.6	2.0	3.0
166	34.7	25.0	37.4

Manual Integrations
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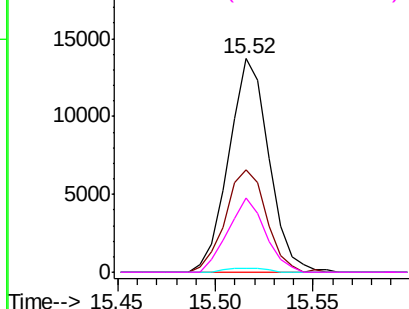


Ion 232.00 (231.70 to 232.70): E

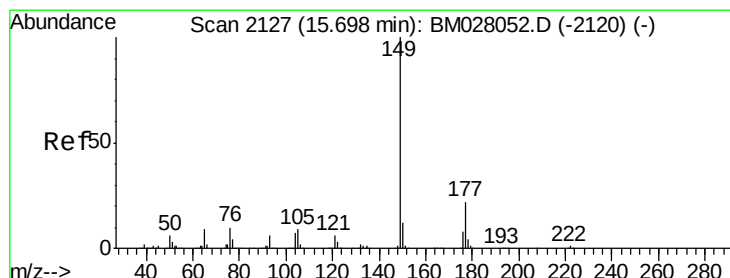
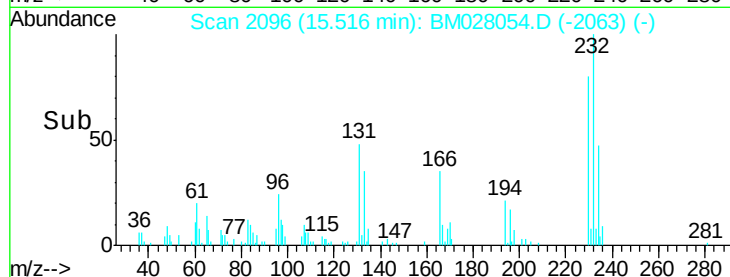
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



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#59

Diethylphthalate

Concen: 2.838 ng/ul

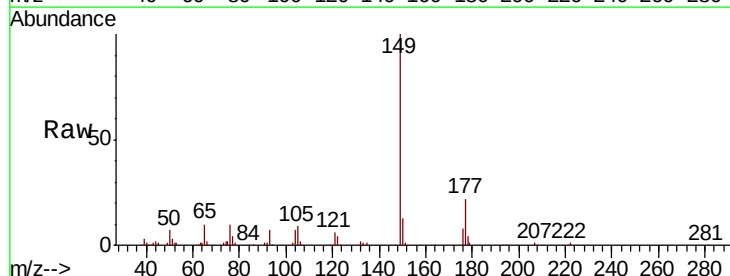
RT: 15.69 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BM028054.D

Acq: 07 Dec 2020 12:18

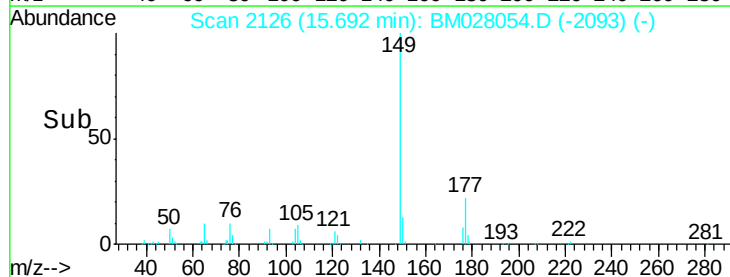
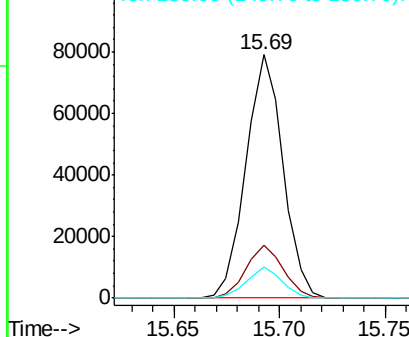
Tgt Ion:	149	Resp:	96474
Ion Ratio	Lower	Upper	
149	100		
177	21.7	17.4	26.0
150	12.7	10.1	15.1

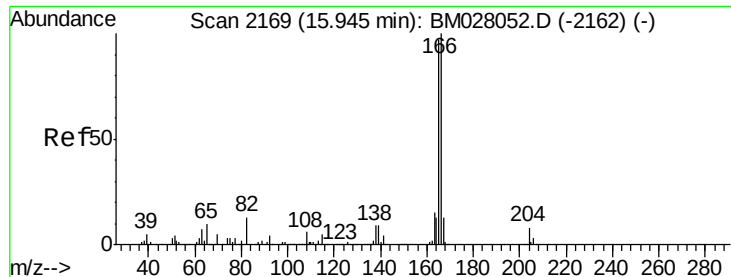


Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





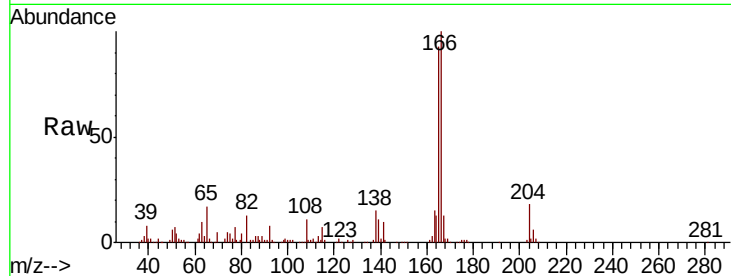
#61
 Fluorene
 Concen: 2.880 ng/ul
 RT: 15.94 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BM028054.D
 Acq: 07 Dec 2020 12:18

Instrument :
 BNA_M
 ClientSampled :
 MDL-SOIL-04

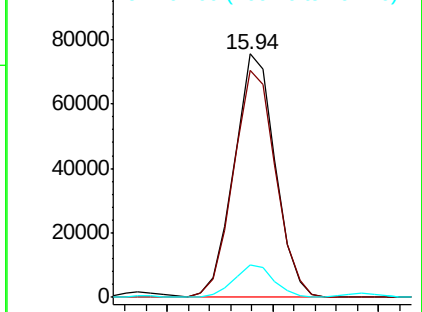
Tot Ion:	166	Resp:	102043
Ion Ratio	Lower	Upper	
166	100		
165	93.3	77.5	116.3
167	13.4	10.6	16.0

Manual Integrations
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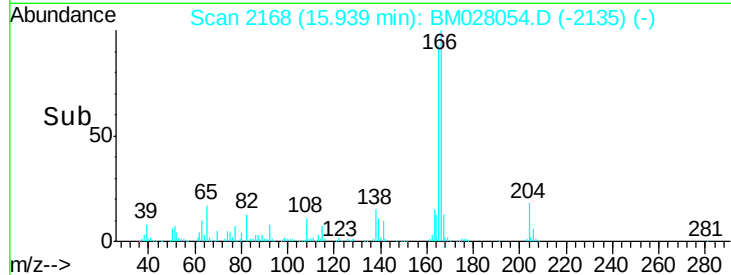
monammad



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

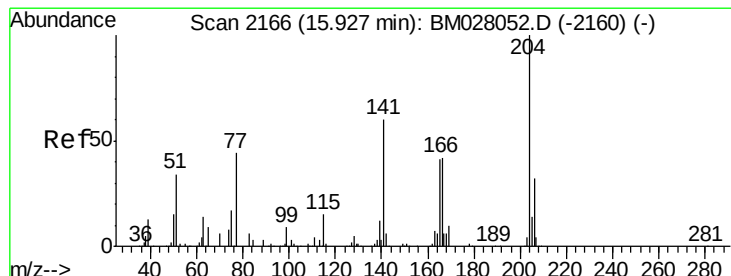


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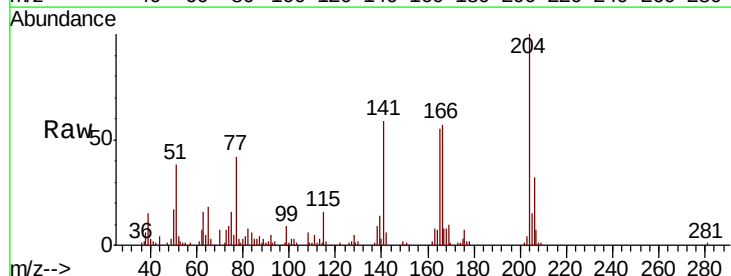
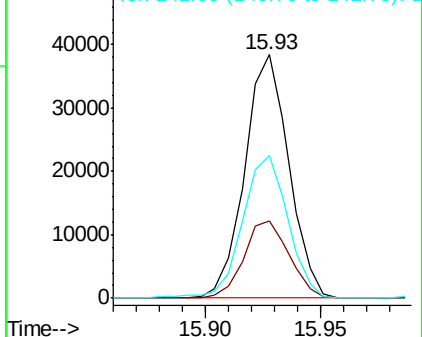


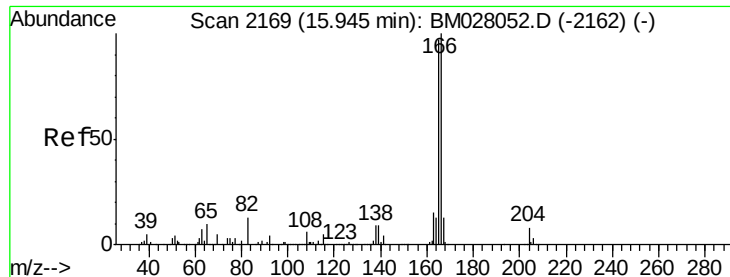
#62
 4-Chlorophenyl-phenylether
 Concen: 2.947 ng/ul
 RT: 15.93 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: BM028054.D
 Acq: 07 Dec 2020 12:18

Tgt Ion:	204	Resp:	51126
Ion Ratio	Lower	Upper	
204	100		
206	31.8	25.8	38.8
141	58.5	46.2	69.2



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





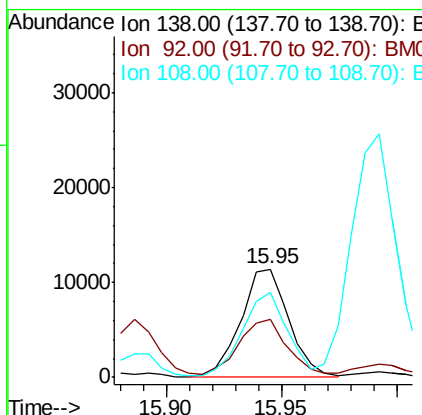
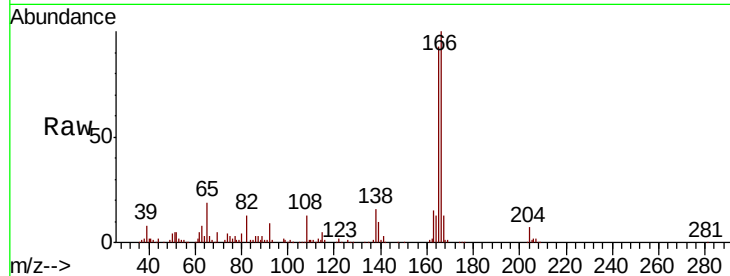
#63
4-Nitroaniline
Concen: 2.863 ng/ul
RT: 15.95 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-04

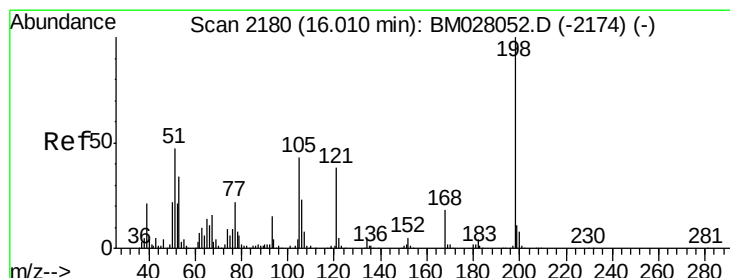
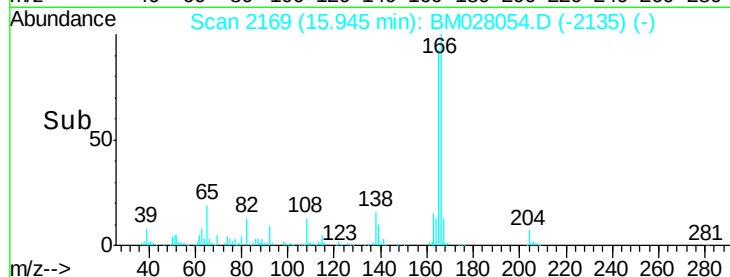
Tot Ion	Ratio	Lower	Upper
138	100		
92	54.1	39.1	58.7
108	78.3	55.9	83.9

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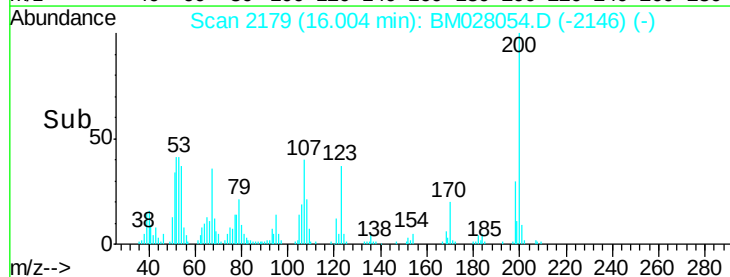
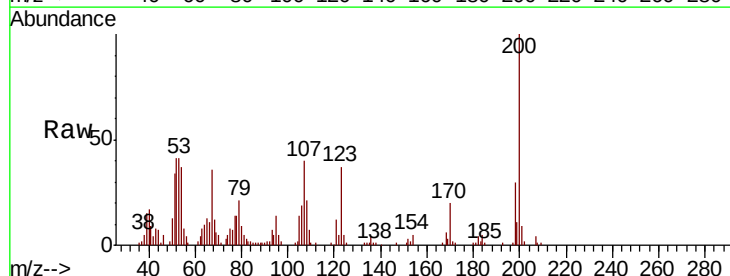
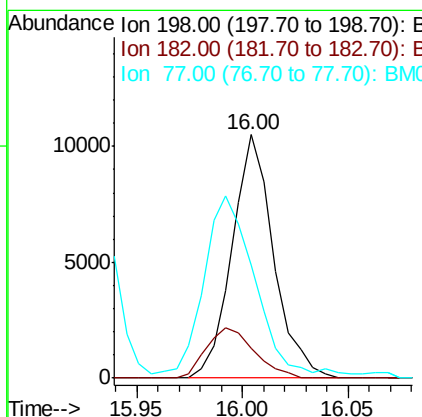


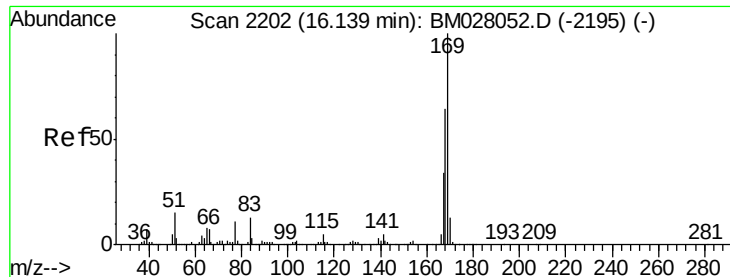
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#66
4,6-Dinitro-2-methylphenol
Concen: 2.480 ng/ul
RT: 16.00 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Tgt Ion	Ratio	Lower	Upper
198	100		
182	12.4	3.5	5.3#
77	46.2	20.2	30.4#





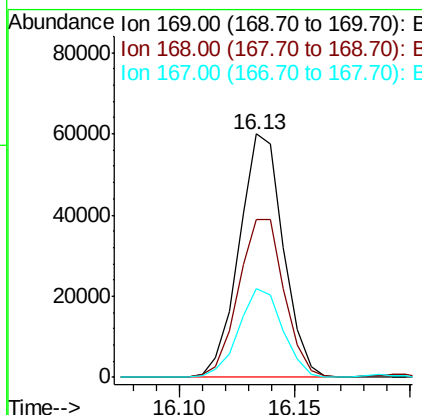
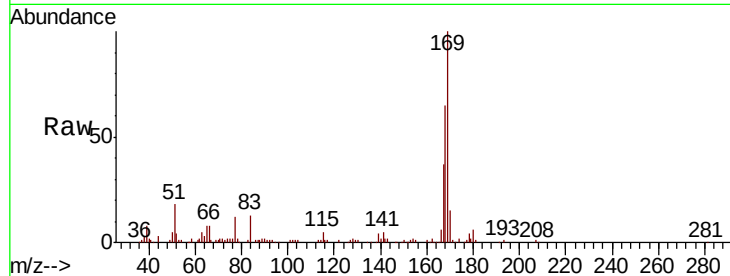
#67
N-Nitrosodiphenylamine
Concen: 2.690 ng/ul
RT: 16.13 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-04

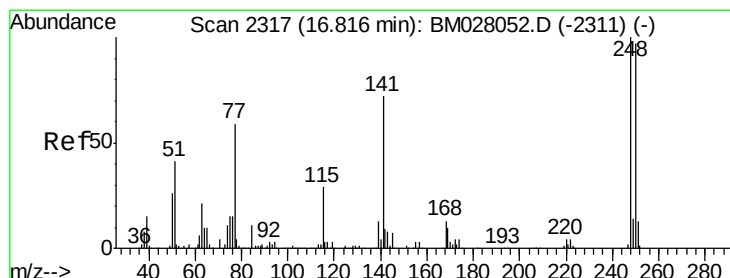
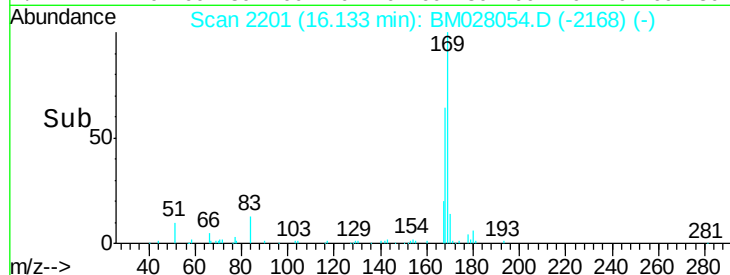
Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		80115		
168	65.1	52.8		79.2	
167	36.7	28.8		43.2	

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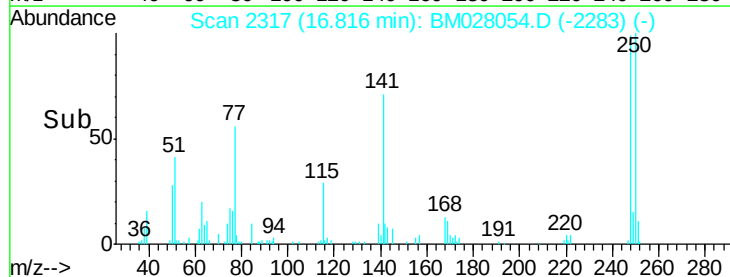
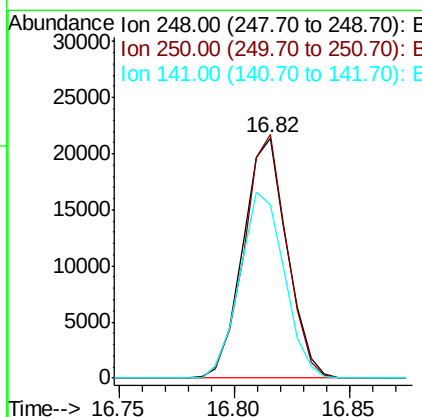
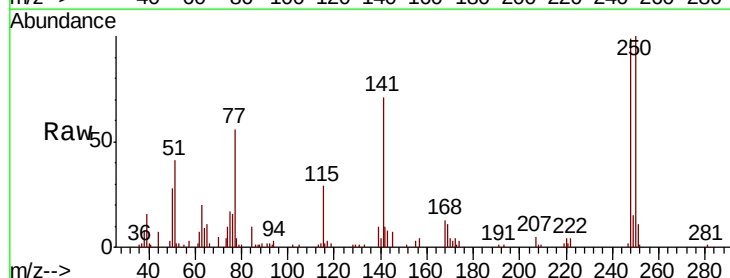


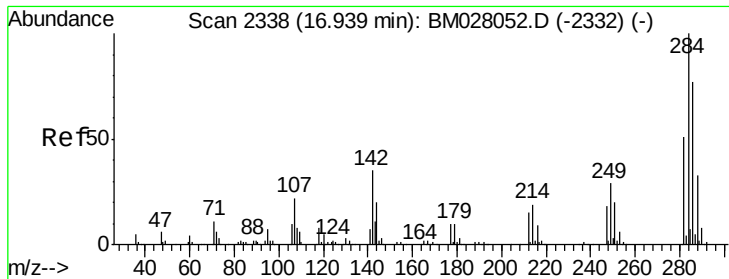
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#68
4-Bromophenyl-phenylether
Concen: 2.751 ng/ul
RT: 16.82 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		28463		
250	101.5	77.7		116.5	
141	72.2	53.3		79.9	





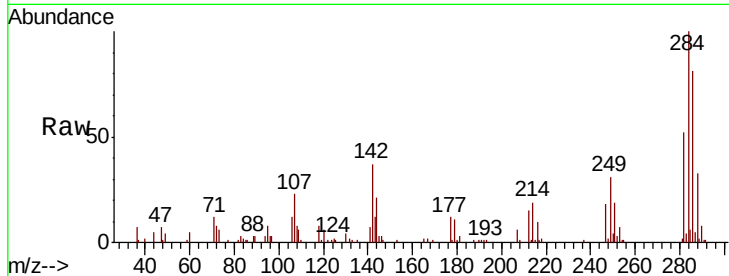
#69
Hexachlorobenzene
Concen: 2.794 ng/ul
RT: 16.93 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-04

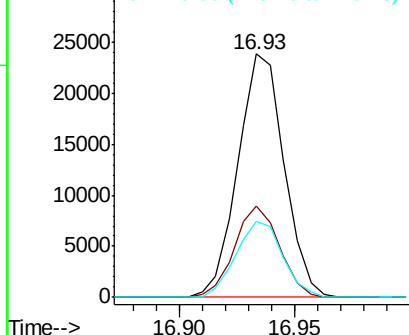
Tot Ion:	284	Resp:	33354
Ion Ratio	Lower	Upper	
284	100		
142	37.5	28.6	42.8
249	31.2	23.8	35.6

Manual Integrations
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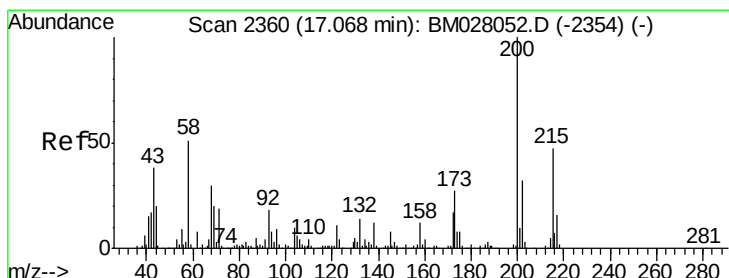
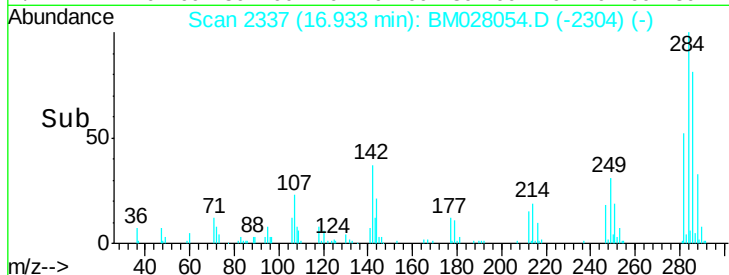
monammad



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

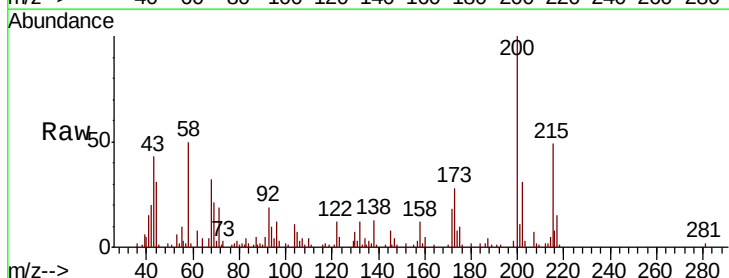


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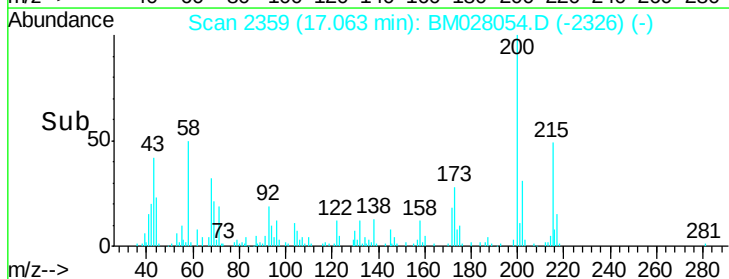
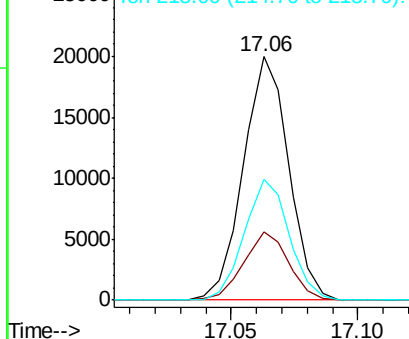


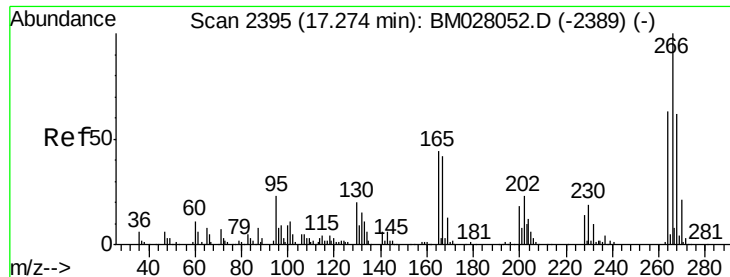
#70
Atrazine
Concen: 2.469 ng/ul
RT: 17.06 min Scan# 2359
Delta R.T. -0.01 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Tgt Ion:	200	Resp:	24878
Ion Ratio	Lower	Upper	
200	100		
173	28.0	22.3	33.5
215	49.4	38.4	57.6



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





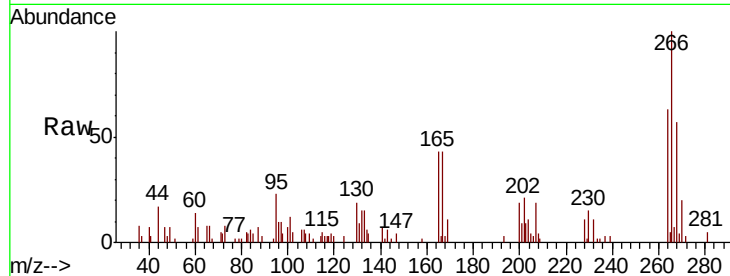
#71
 Pentachlorophenol
 Concen: 2.008 ng/ul
 RT: 17.27 min Scan# 2395
 Delta R.T. 0.00 min
 Lab File: BM028054.D
 Acq: 07 Dec 2020 12:18

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-04

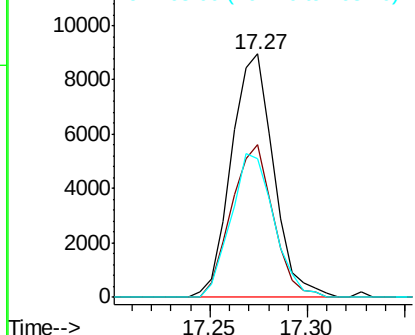
Tot Ion:	266	Resp:	13417
Ion Ratio		Lower	Upper
266	100		
264	63.0	50.2	75.4
268	57.1	51.2	76.8

Manual Integrations
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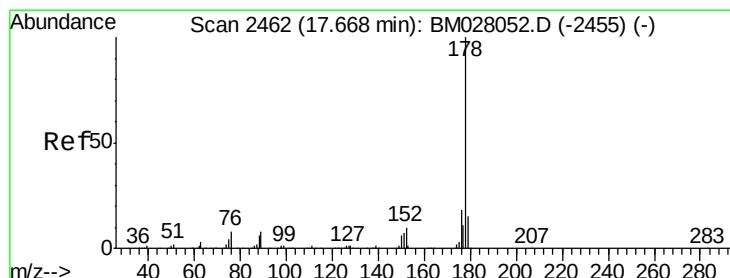
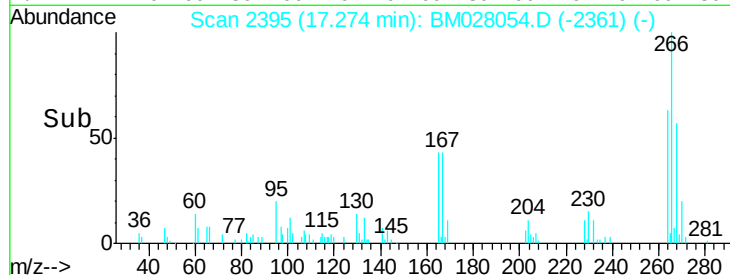
monammad



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

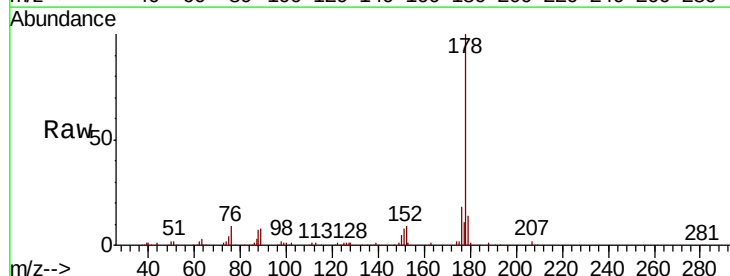


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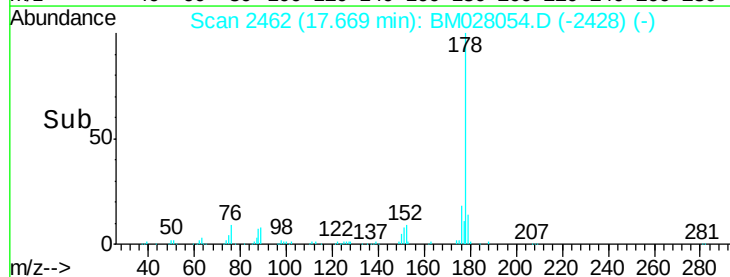
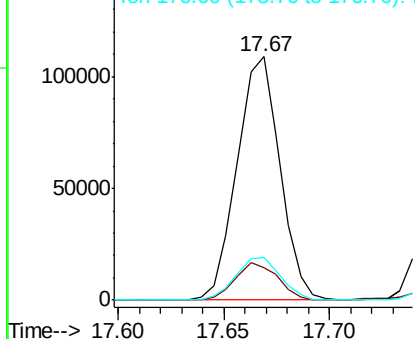


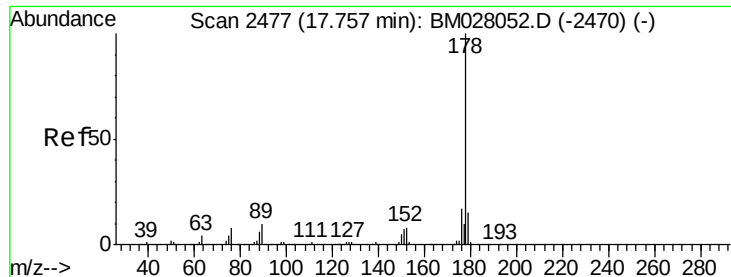
#72
 Phenanthrene
 Concen: 2.790 ng/ul
 RT: 17.67 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: BM028054.D
 Acq: 07 Dec 2020 12:18

Tgt Ion:	178	Resp:	153571
Ion Ratio		Lower	Upper
178	100		
179	13.6	11.8	17.8
176	17.8	14.2	21.4



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: 2.748 ng/ul

RT: 17.76 min Scan# 2477

Delta R.T. -0.01 min

Lab File: BM028054.D

Acq: 07 Dec 2020 12:18

Instrument :

BNA_M

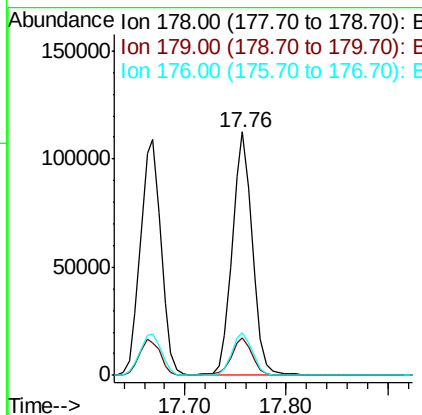
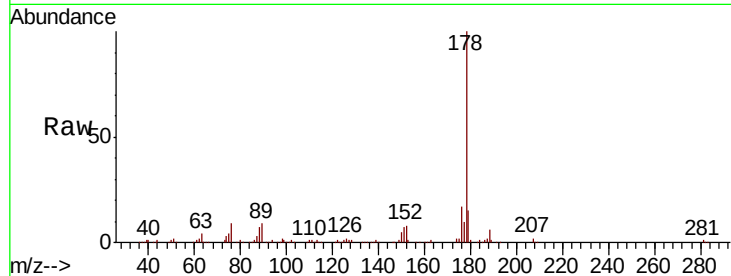
ClientSampleId :

MDL-SOIL-04

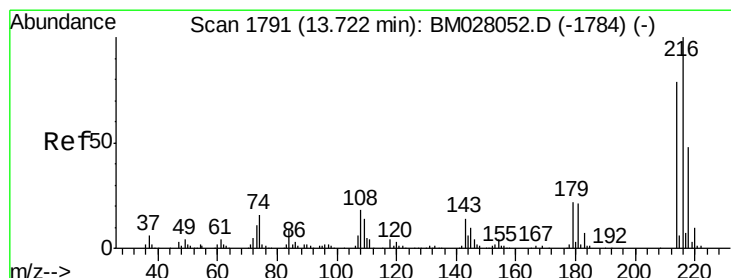
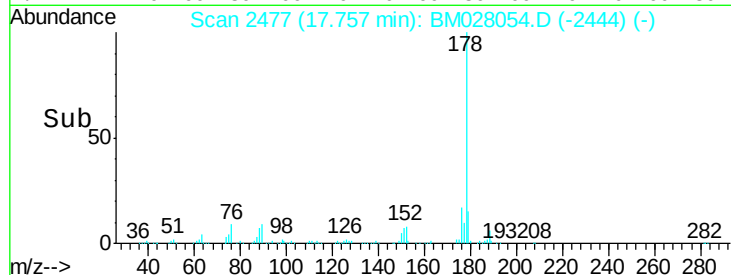
Tot Ion:	178	Resp:	154092
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.2	18.4
176	17.3	14.5	21.7

Manual Integrations
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#75

1,2,3,4-Tetrachlorobenzene

Concen: 2.716 ng/uL

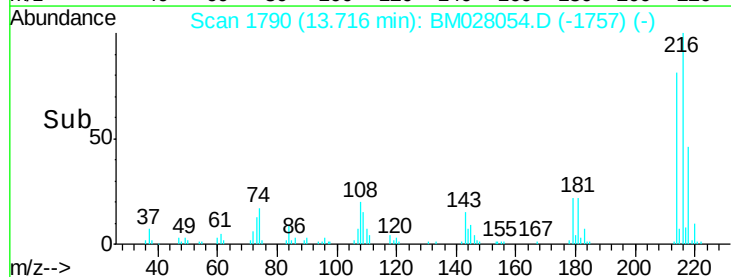
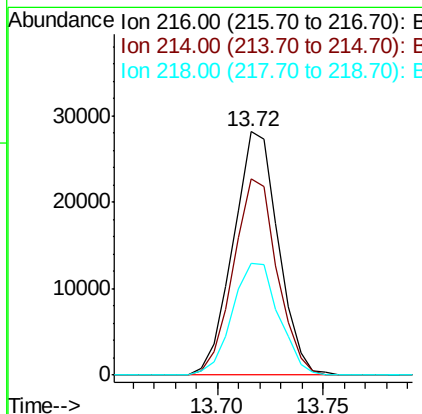
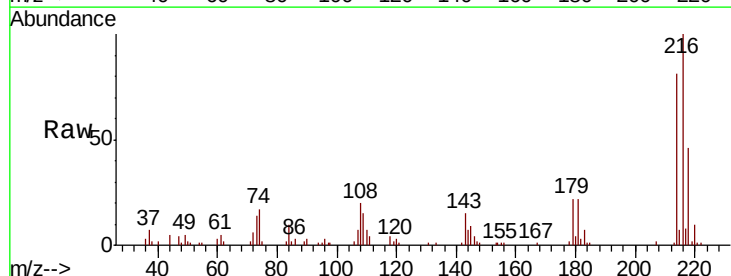
RT: 13.72 min Scan# 1790

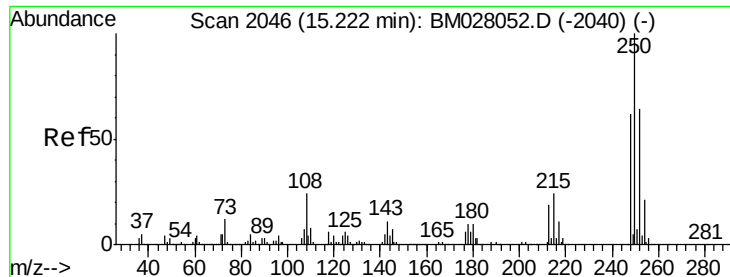
Delta R.T. -0.01 min

Lab File: BM028054.D

Acq: 07 Dec 2020 12:18

Tgt Ion:	216	Resp:	41525
Ion Ratio	Lower	Upper	
216	100		
214	80.5	63.0	94.6
218	46.0	37.8	56.8





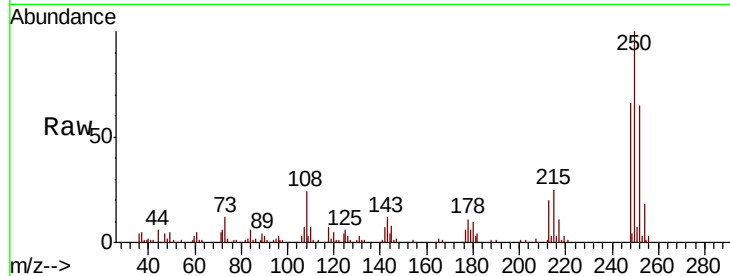
#76
 Pentachlorobenzene
 Concen: 2.762 ng/uL
 RT: 15.22 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: BM028054.D
 Acq: 07 Dec 2020 12:18

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-04

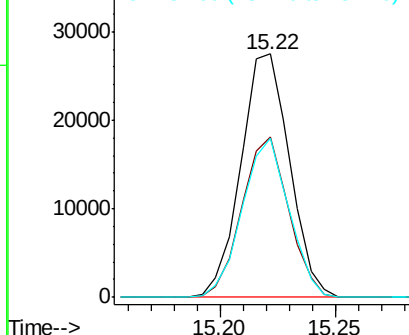
Tot Ion	Ratio	Lower	Upper
250	100		
248	65.9	50.8	76.2
252	65.2	50.5	75.7

Manual Integrations
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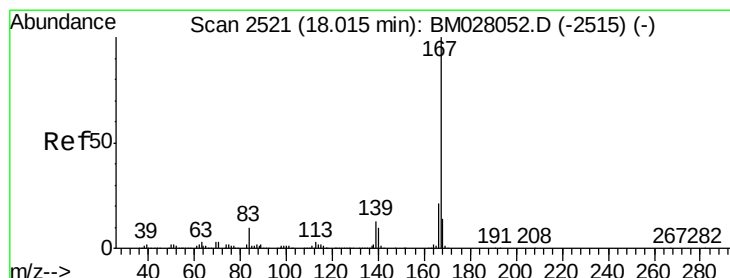
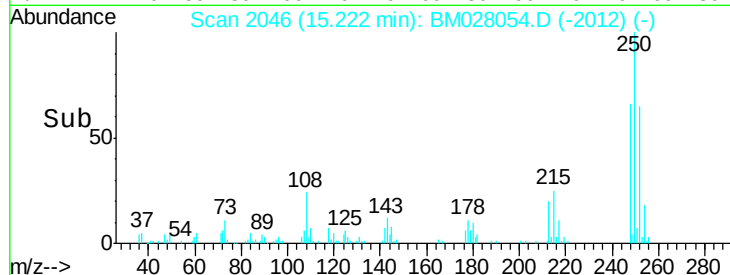
monammad



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

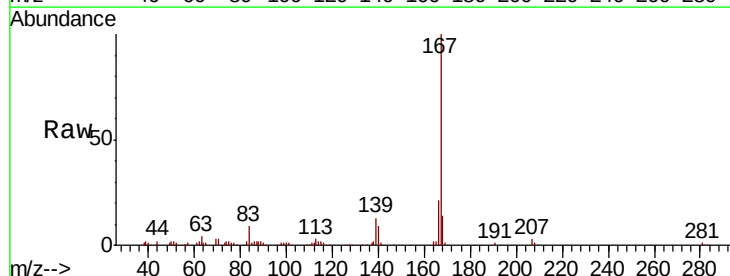


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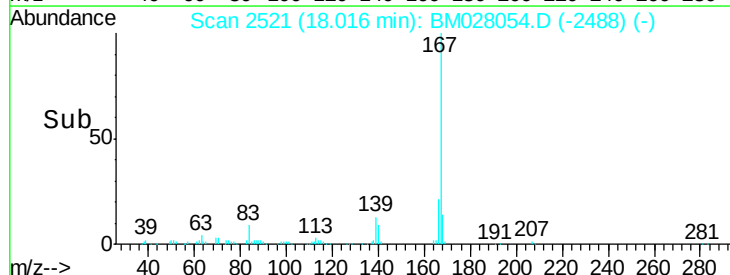
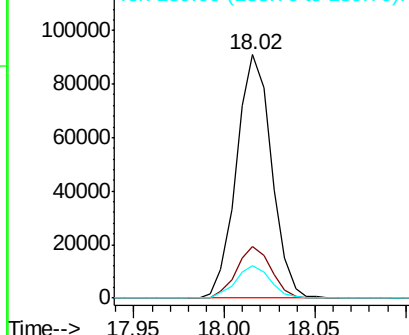


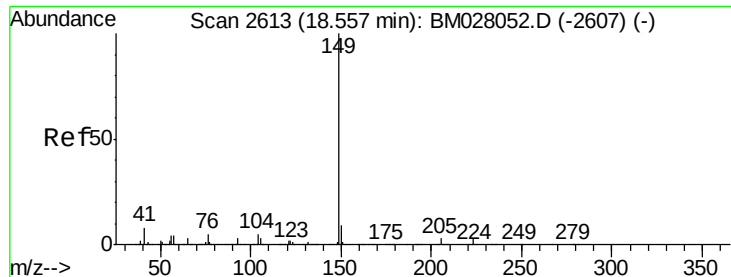
#77
 Carbazole
 Concen: 2.574 ng/uL
 RT: 18.02 min Scan# 2521
 Delta R.T. -0.01 min
 Lab File: BM028054.D
 Acq: 07 Dec 2020 12:18

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	16.6	25.0
139	13.1	9.8	14.8



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





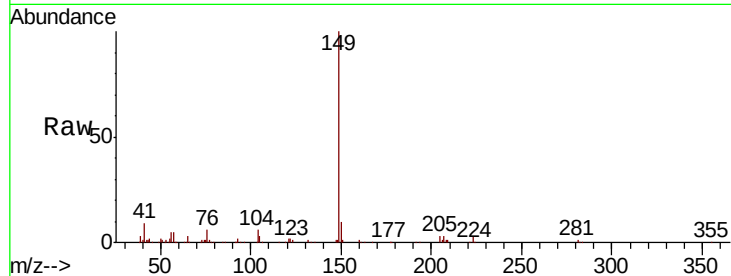
#78
Di-n-butylphthalate
Concen: 2.540 ng/ul
RT: 18.55 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-04

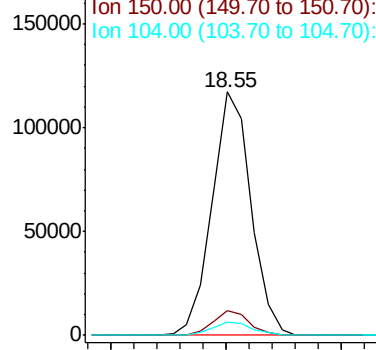
Tot Ion:	149	Resp:	138142
Ion Ratio	Lower	Upper	
149	100		
150	10.0	7.2	10.8
104	5.5	4.0	6.0

Manual Integrations
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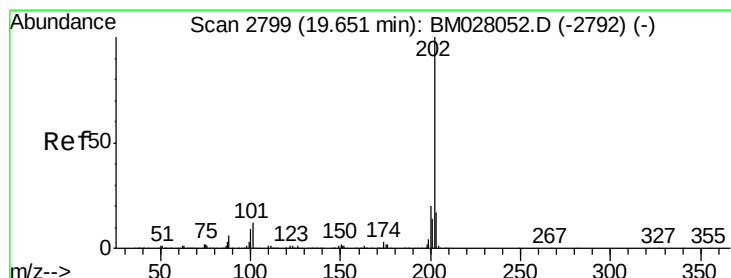
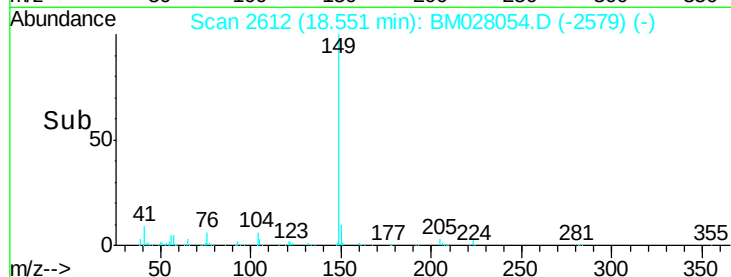
monammad



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

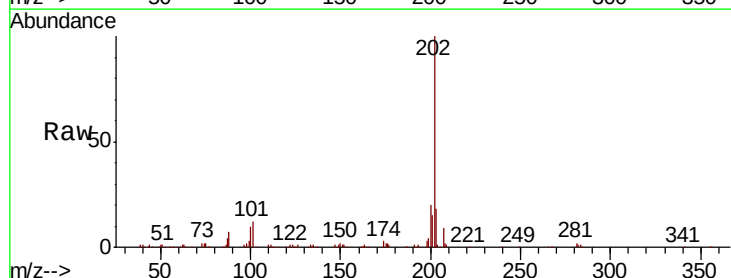


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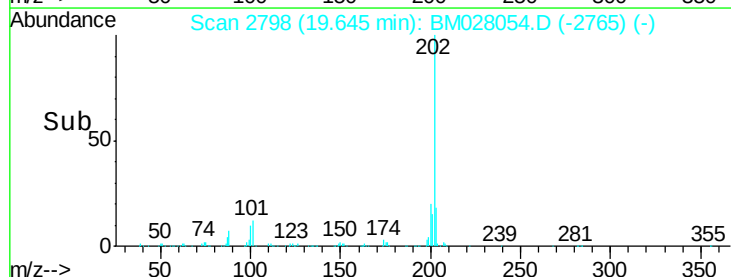
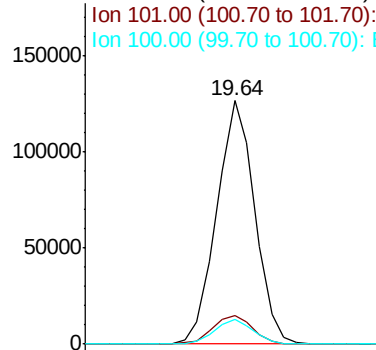


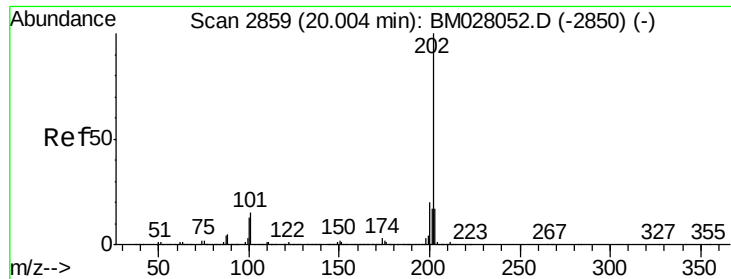
#80
Fluoranthene
Concen: 2.758 ng/ul
RT: 19.64 min Scan# 2798
Delta R.T. -0.01 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Tgt Ion:	202	Resp:	158411
Ion Ratio	Lower	Upper	
202	100		
101	11.8	9.9	14.9
100	10.2	7.5	11.3



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

Pvrene

Concen: 2.933 ng/ul

RT: 20.00 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM028054.D

Acq: 07 Dec 2020 12:18

Instrument :

BNA_M

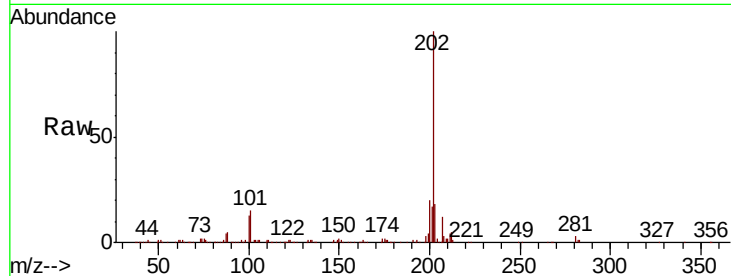
ClientSampleId :

MDL-SOIL-04

Tot Ion:	202	Resp:	175835
Ion Ratio		Lower	Upper
202	100		
101	15.1	11.6	17.4
100	12.8	9.5	14.3

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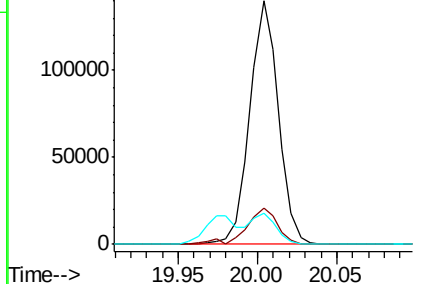
monammad



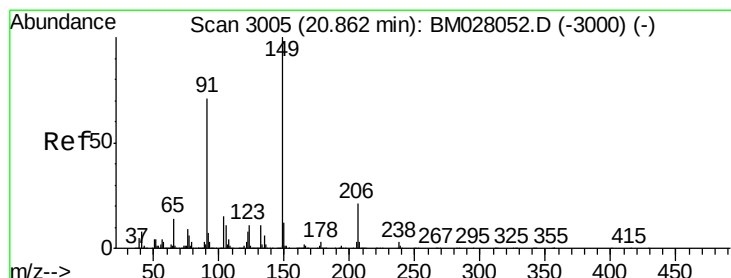
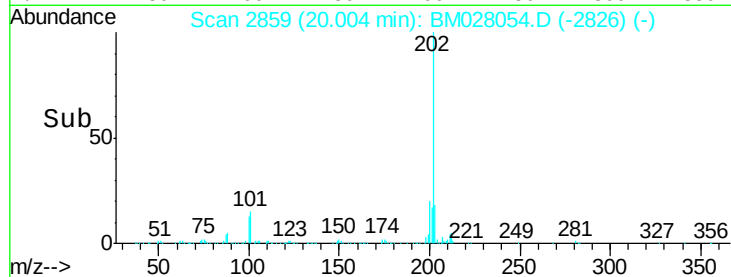
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



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#83

Butylbenzylphthalate

Concen: 2.723 ng/ul

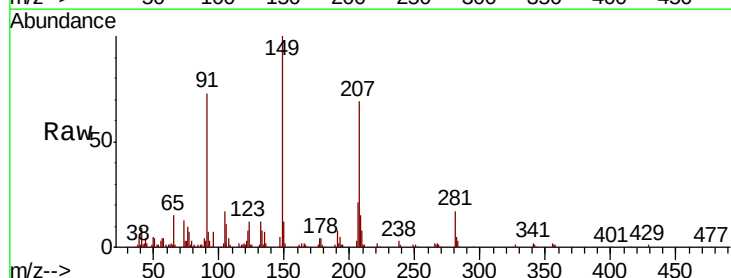
RT: 20.86 min Scan# 3005

Delta R.T. 0.00 min

Lab File: BM028054.D

Acq: 07 Dec 2020 12:18

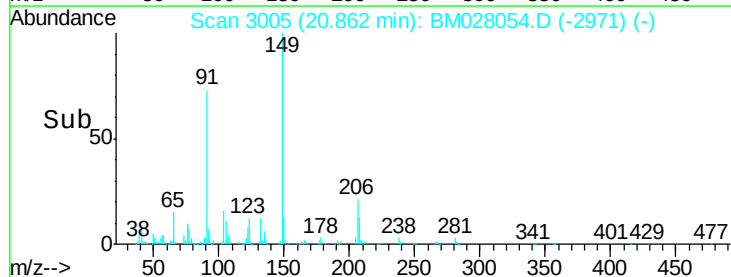
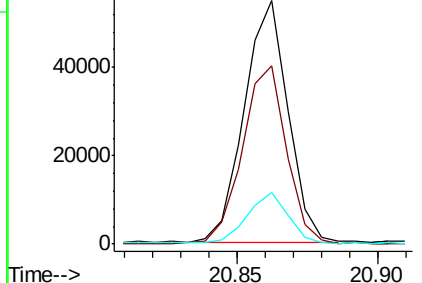
Tgt Ion:	149	Resp:	58595
Ion Ratio		Lower	Upper
149	100		
91	73.0	57.7	86.5
206	21.0	15.3	22.9

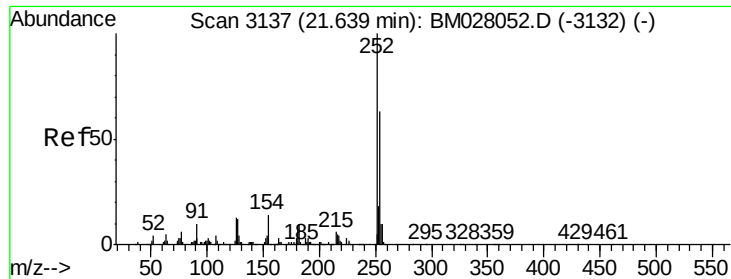


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





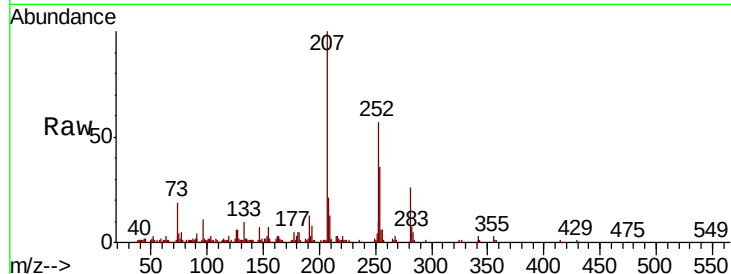
#84
 3,3'-Dichlorobenzidine
 Concen: 2.666 ng/ul
 RT: 21.64 min Scan# 3137
 Delta R.T. 0.00 min
 Lab File: BM028054.D
 Acq: 07 Dec 2020 12:18

Instrument :
 BNA_M
 ClientSampled :
 MDL-SOIL-04

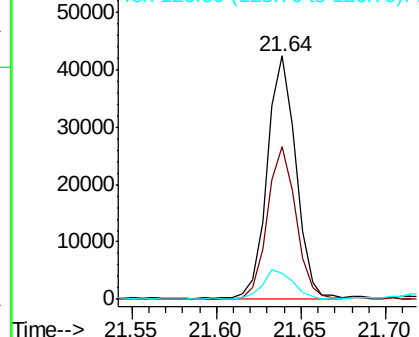
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.0	52.7	79.1
126	10.9	9.1	13.7

Manual Integrations
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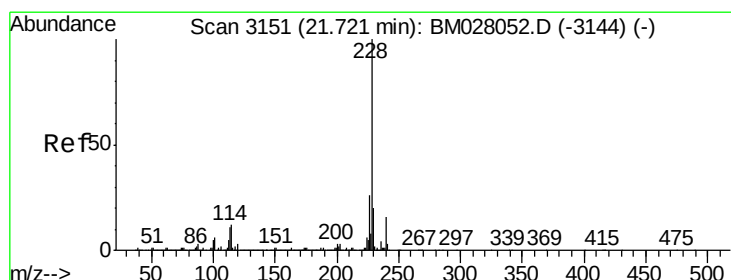
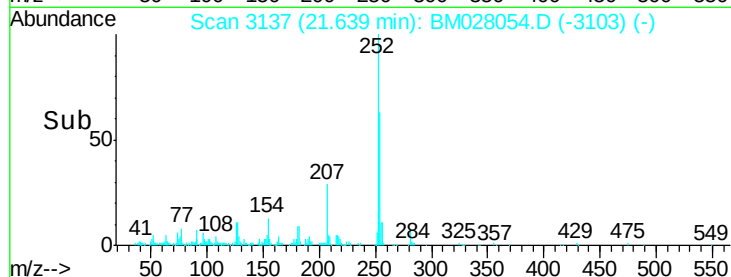
monammad



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

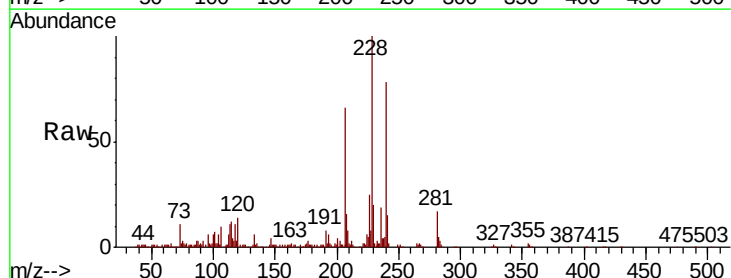


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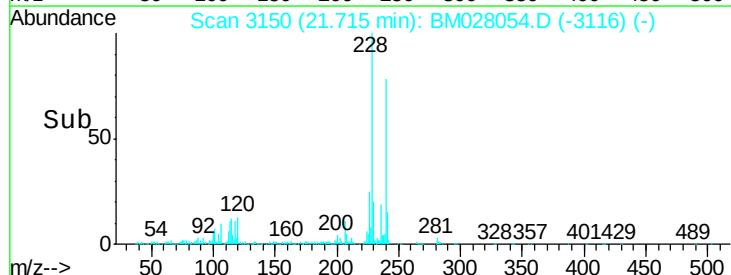
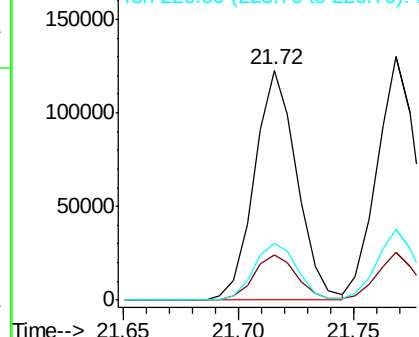


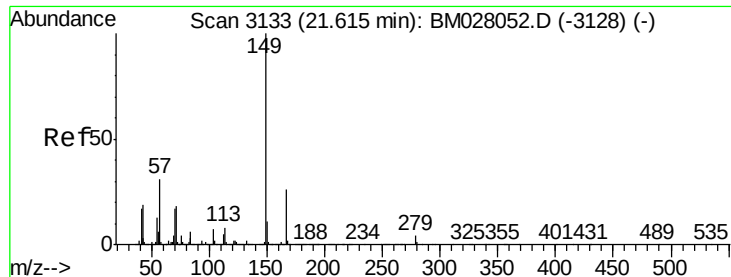
#85
 Benzo(a)anthracene
 Concen: 2.840 ng/ul
 RT: 21.72 min Scan# 3150
 Delta R.T. 0.00 min
 Lab File: BM028054.D
 Acq: 07 Dec 2020 12:18

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.4	23.0
226	24.9	20.4	30.6



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





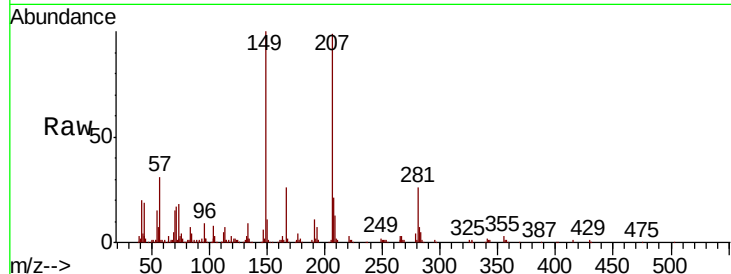
#86
Bis(2-ethylhexyl)phthalate
Concen: 2.520 ng/ul
RT: 21.62 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Instrument :
BNA_M
ClientSampled :
MDL-SOIL-04

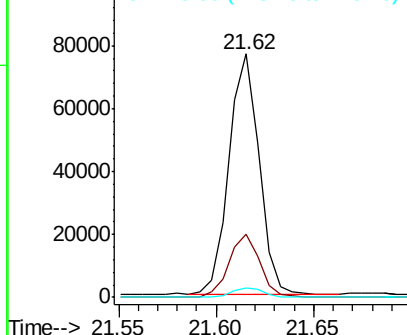
Tot Ion:	149	Resp:	82031
Ion Ratio	Lower	Upper	
149	100		
167	25.8	20.6	30.8
279	4.0	3.1	4.7

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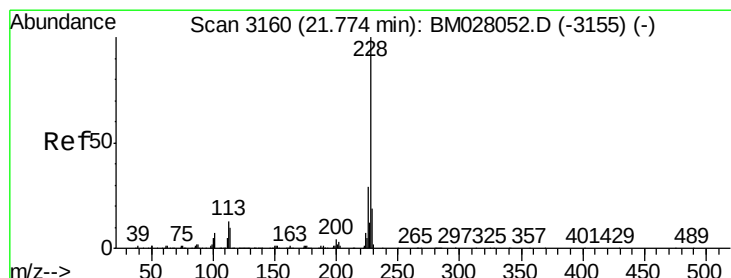
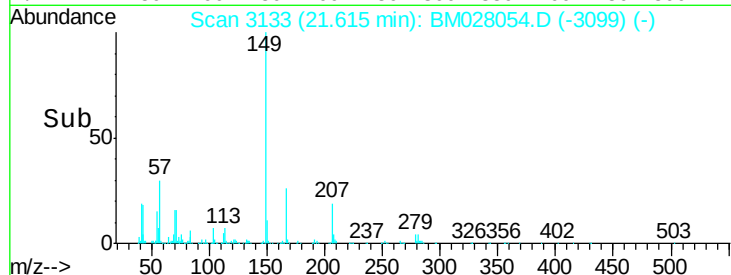
monammad



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

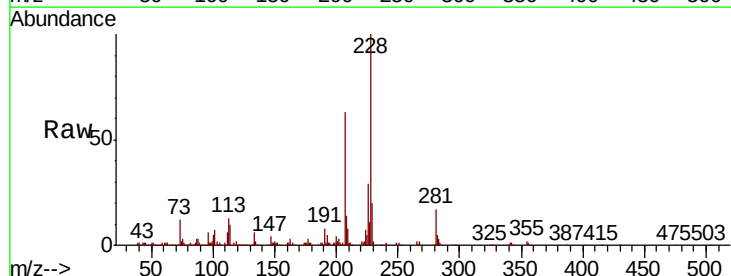


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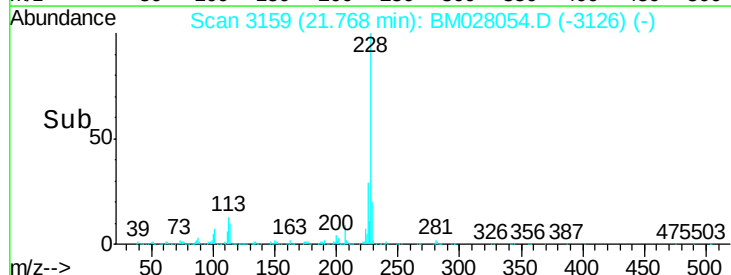
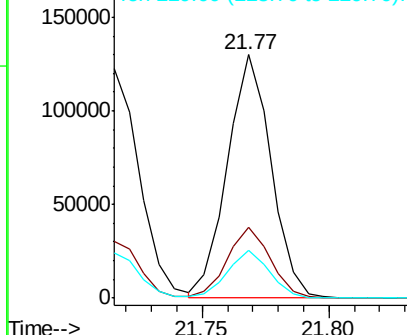


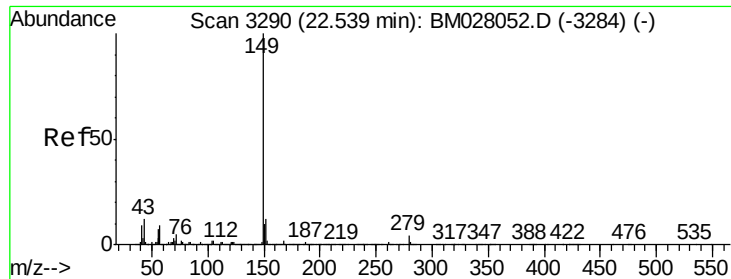
#87
Chrysene
Concen: 2.837 ng/ul
RT: 21.77 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Tgt Ion:	228	Resp:	155450
Ion Ratio	Lower	Upper	
228	100		
226	29.2	23.2	34.8
229	19.7	15.7	23.5



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





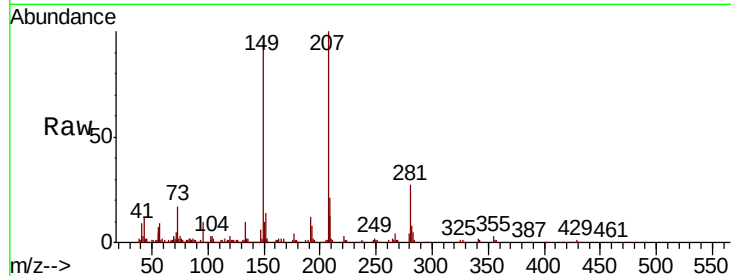
#89
Di-n-octyl phthalate
Concen: 2.384 ng/ul
RT: 22.54 min Scan# 3290
Delta R.T. 0.00 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-04

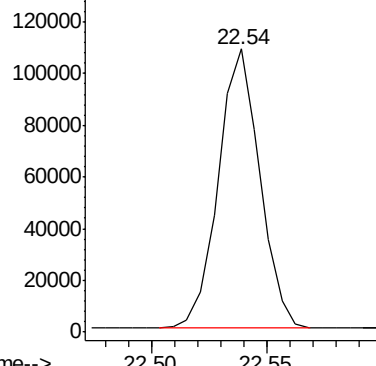
Tgt Ion:149 Resp: 134999

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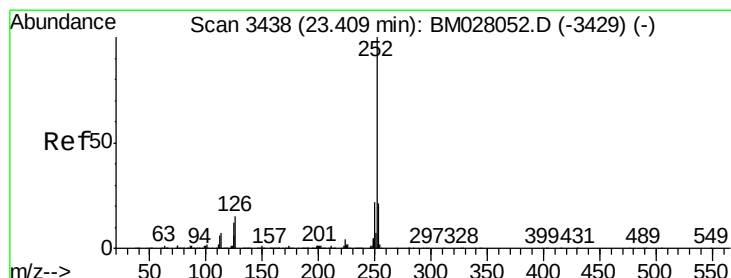
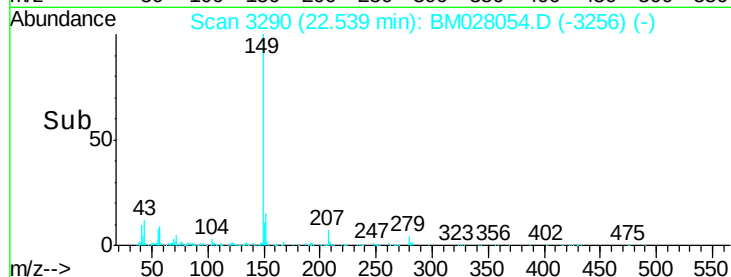
monammad



Abundance Ion 149.00 (148.70 to 149.70): E

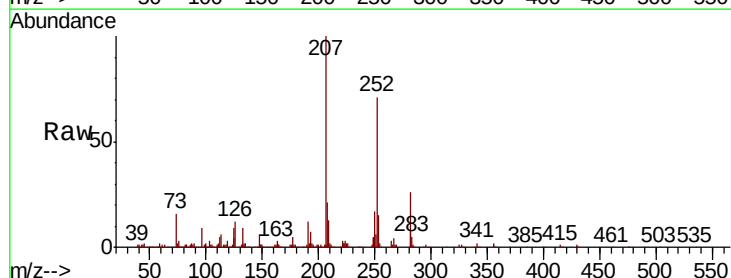


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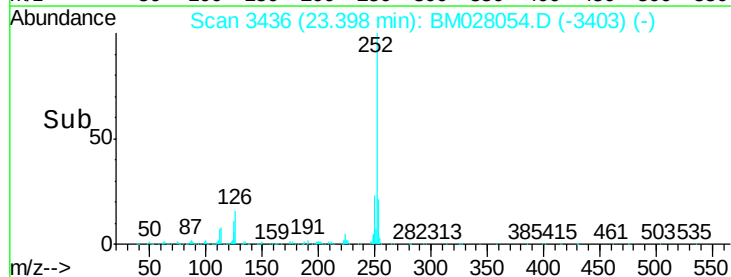
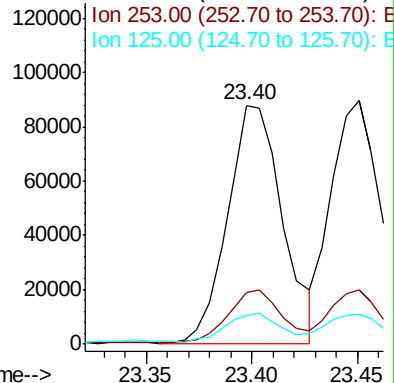


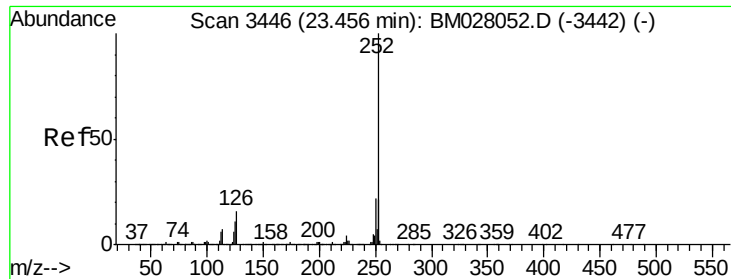
#90
Benzo(b)fluoranthene
Concen: 2.873 ng/ul
RT: 23.40 min Scan# 3436
Delta R.T. -0.01 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Tgt Ion:252 Resp: 158397
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 12.2 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E





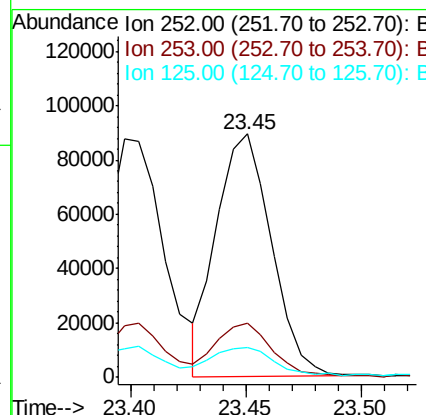
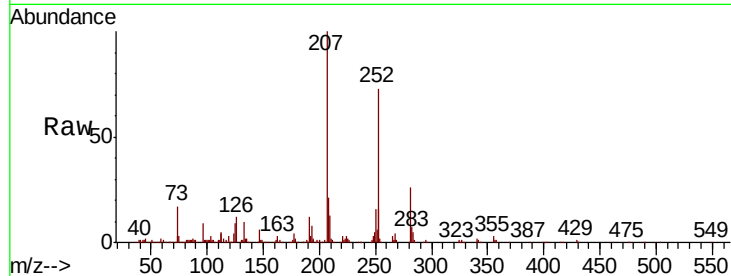
#91
Benzo(k)fluoranthene
Concen: 2.781 ng/ul
RT: 23.45 min Scan# 3445
Delta R.T. -0.01 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-04

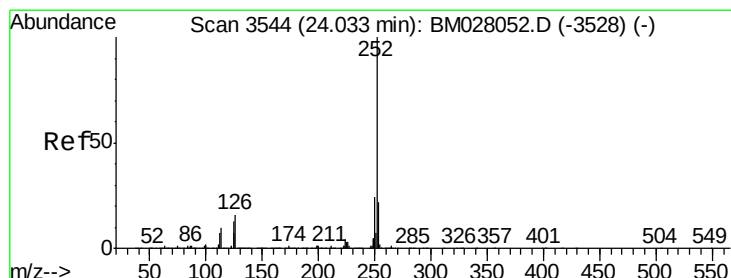
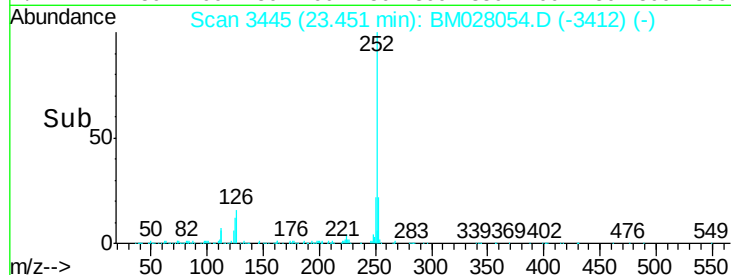
Tot Ion:	252	Resp:	147946
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.3	25.9
125	12.4	9.4	14.2

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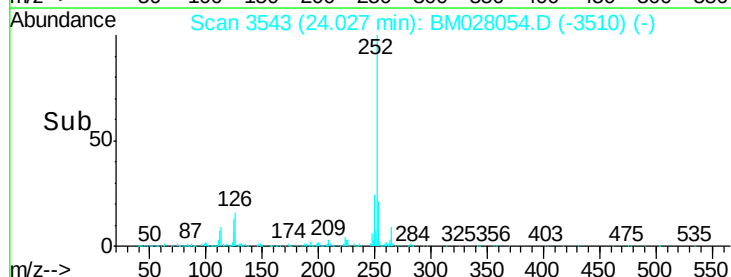
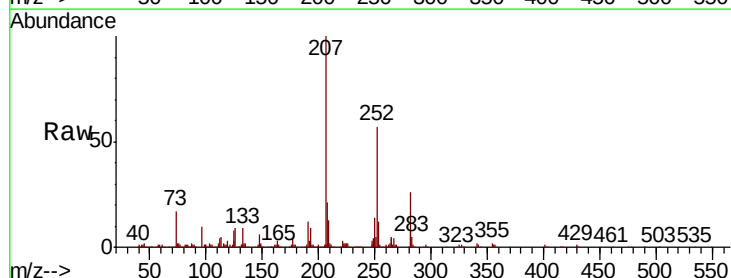
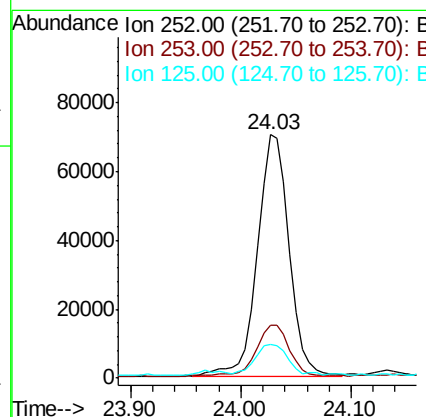


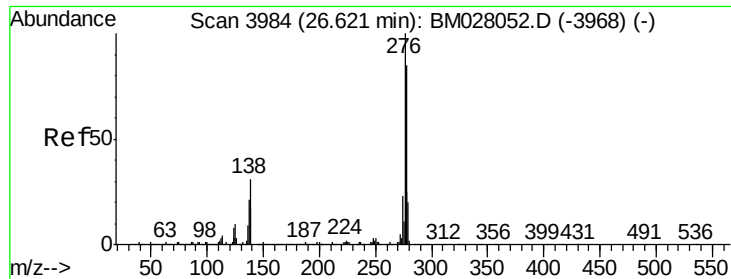
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#93
Benzo(a)pyrene
Concen: 2.838 ng/ul
RT: 24.03 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Tgt Ion:	252	Resp:	142328
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.3	25.9
125	13.9	10.5	15.7





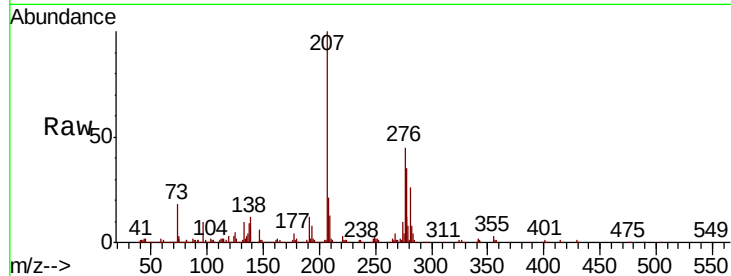
#94
Indeno(1,2,3-cd)pyrene
Concen: 2.741 ng/ul
RT: 26.61 min Scan# 3982
Delta R.T. -0.01 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Instrument :
BNA_M
ClientSampled :
MDL-SOIL-04

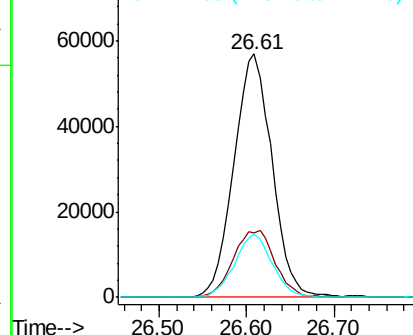
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.6	25.2	37.8
277	26.1	20.6	31.0

Manual Integrations
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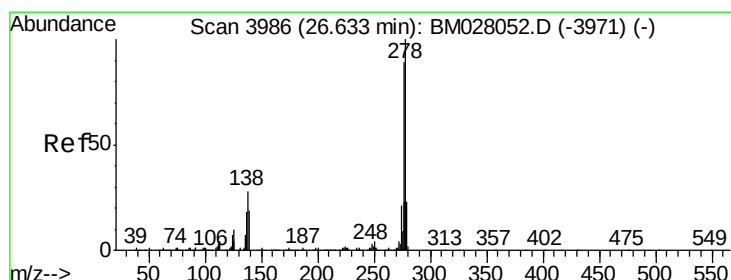
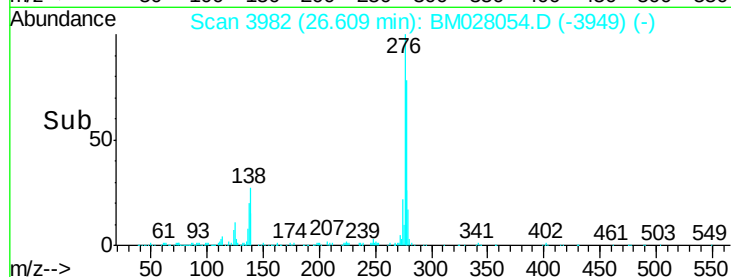
monammad



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

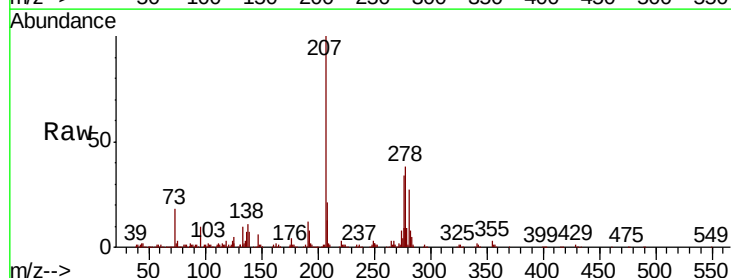


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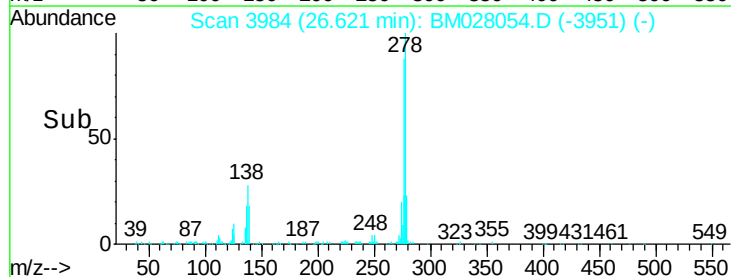
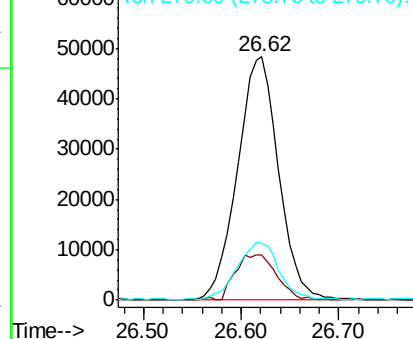


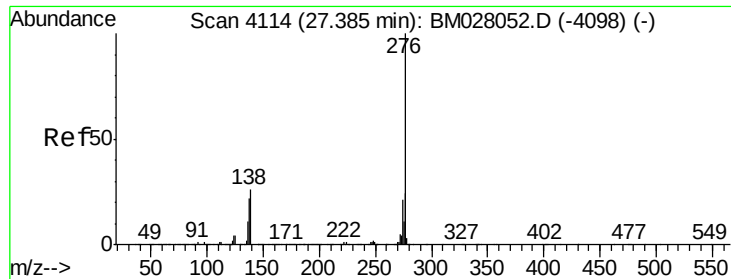
#95
Dibenzo(a,h)anthracene
Concen: 2.734 ng/ul
RT: 26.62 min Scan# 3984
Delta R.T. -0.01 min
Lab File: BM028054.D
Acq: 07 Dec 2020 12:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	15.5	23.3
279	23.3	19.2	28.8



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





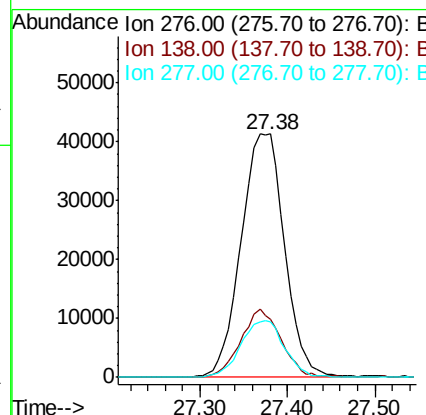
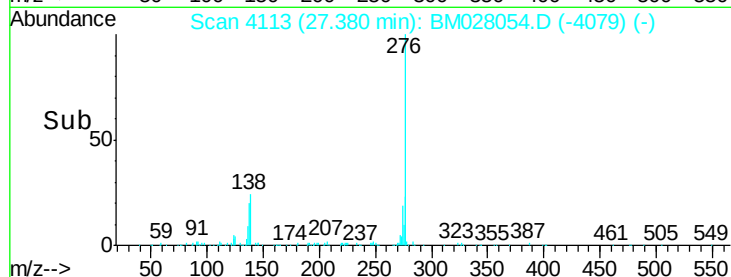
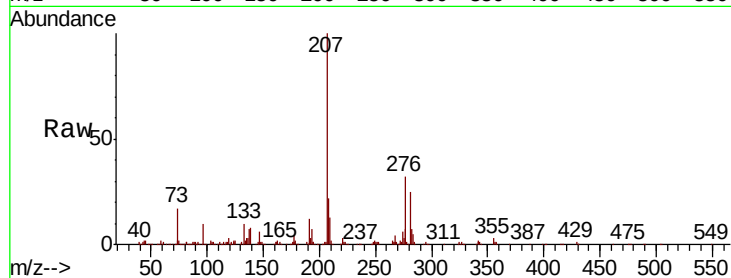
#96
 Benzo(a,h,i)perylene
 Concen: 2.685 ng/ul
 RT: 27.38 min Scan# 4113
 Delta R.T. 0.00 min
 Lab File: BM028054.D
 Acq: 07 Dec 2020 12:18

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-04

Tot Ion:	276	Resp:	139493
Ion Ratio		Lower	Upper
276	100		
138	24.0	19.8	29.8
277	22.9	18.9	28.3

Manual Integrations
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