

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011121\
 Data File : BN013380.D
 Acq On : 11 Jan 2021 12:36
 Operator : CG/JU
 Sample : L4485-05
 Misc : MDL-S-05
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-05

Quant Time: Jan 11 13:08:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN010521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 08 12:05:50 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	339309	20.00	ng/ul	0.00
20) Naphthalene-d8	10.36	136	1396208	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.23	164	843413	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	1718789	20.00	ng/ul	0.00
79) Chrysene-d12	21.16	240	1719134	20.00	ng/ul	-0.01
88) Perylene-d12	23.34	264	1739656	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	38481	4.32	ng/uL	0.00
4) Pyridine-d5	3.59	84	524457	23.60	ng/ul	0.00
7) Phenol-d5	6.78	99	921608	32.34	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.95	67	555837	35.03	ng/ul	0.00
11) 2-Chlorophenol-d4	7.13	132	799145	32.20	ng/ul	0.00
15) 4-Methylphenol-d8	8.30	113	763615	33.17	ng/ul	0.00
21) Nitrobenzene-d5	8.74	128	371248	33.38	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	377874	32.96	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.99	165	722881	31.92	ng/ul	0.00
31) 4-Chloroaniline-d4	10.50	131	1071777	34.59	ng/ul	0.00
46) Dimethylphthalate-d6	13.65	166	2191777	33.60	ng/ul	0.00
49) Acenaphthylene-d8	13.92	160	2886918	35.87	ng/ul	0.00
54) 4-Nitrophenol-d4	14.42	143	360364	30.25	ng/ul	0.00
60) Fluorene-d10	15.22	176	1900797	33.68	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	263085	31.10	ng/ul	0.00
73) Anthracene-d10	17.07	188	2903061	34.77	ng/ul	0.00
81) Pyrene-d10	19.37	212	3150699	34.03	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.20	264	3092666	34.04	ng/ul	-0.02

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.23	88	6929	0.783	ng/uL	87
5) Pyridine	3.61	79	64822	2.898	ng/ul#	76
6) Benzaldehyde	6.75	77	48895	4.571	ng/ul	96
8) Phenol	6.80	94	80397	2.789	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.03	93	69288	3.034	ng/ul	99
12) 2-Chlorophenol	7.17	128	68365	2.703	ng/ul	98
13) 2-Methylphenol	8.03	108	52998	2.387	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.13	45	95066	2.970	ng/ul	100
16) Acetophenone	8.41	105	92394	2.735	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.40	70	39363	2.348	ng/ul	95
18) 4-Methylphenol	8.36	108	62456	2.620	ng/ul	96
19) Hexachloroethane	8.66	117	27712	2.792	ng/ul	95
22) Nitrobenzene	8.78	77	71579	2.872	ng/ul	99
23) Isophorone	9.30	82	102893	2.183	ng/ul	98
25) 2-Nitrophenol	9.48	139	35465	2.779	ng/ul	93
26) 2,4-Dimethylphenol	9.55	107	67507	2.619	ng/ul	95
27) Bis(2-Chloroethoxy)methane	9.79	93	81768	2.682	ng/ul	98
29) 2,4-Dichlorophenol	10.01	162	61558	2.761	ng/ul#	87
30) Naphthalene	10.41	128	232440	2.967	ng/ul	99
32) 4-Chloroaniline	10.52	127	90329	3.062	ng/ul	94
33) Hexachlorobutadiene	10.70	225	38933	2.793	ng/ul	98
34) Caprolactam	11.30	113	11641	1.693	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.65	107	50990	2.135	ng/ul	94
36) 2-Methylnaphthalene	12.03	142	155859	2.893	ng/ul	97
37) 1-Methylnaphthalene	12.25	142	148500	2.860	ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	74840	2.949	ng/ul	98
40) Hexachlorocyclopentadiene	12.39	237	38854	2.938	ng/ul	96
41) 2,4,6-Trichlorophenol	12.65	196	33970	2.029	ng/ul	90
42) 2,4,5-Trichlorophenol	12.71	196	38457	2.159	ng/ul	96
43) 1,1'-Biphenyl	13.06	154	202979	2.988	ng/ul	99
44) 2-Chloronaphthalene	13.09	162	155821	2.912	ng/ul	96
45) 2-Nitroaniline	13.29	65	24538	1.800	ng/ul	96
47) Dimethylphthalate	13.69	163	188281	2.813	ng/ul	99
48) 2,6-Dinitrotoluene	13.80	165	23978	1.889	ng/ul	94
50) Acenaphthylene	13.95	152	239846	2.949	ng/ul	99
51) 3-Nitroaniline	14.12	138	25785	2.202	ng/ul	97
52) Acenaphthene	14.29	153	166037	2.893	ng/ul	99
53) 2,4-Dinitrophenol	14.33	184	7737	1.360	ng/ul	93
55) 4-Nitrophenol	14.43	109	24088	2.685	ng/ul#	86
56) Dibenzofuran	14.63	168	234321	2.982	ng/ul	96
57) 2,4-Dinitrotoluene	14.59	165	39954	2.209	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.85	232	29558	1.965	ng/ul#	97
59) Diethylphthalate	15.07	149	164020	2.411	ng/ul	98
61) Fluorene	15.27	166	193327	3.037	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.28	204	94703	3.086	ng/ul	98
63) 4-Nitroaniline	15.29	138	28908	2.629	ng/ul	94
66) 4,6-Dinitro-2-methylphenol	15.35	198	25360	2.694	ng/ul#	69
67) N-Nitrosodiphenylamine	15.49	169	148531	2.743	ng/ul	96
68) 4-Bromophenyl-phenylether	16.17	248	51468	2.721	ng/ul	96
69) Hexachlorobenzene	16.27	284	61659	2.875	ng/ul	97
70) Atrazine	16.45	200	37425	2.023	ng/ul	96
71) Pentachlorophenol	16.62	266	19328	1.616	ng/ul	98
72) Phenanthrene	17.01	178	303775	3.046	ng/ul	98
74) Anthracene	17.10	178	311768	3.063	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.02	216	75759	3.041	ng/uL	95
76) Pentachlorobenzene	14.55	250	75946	3.055	ng/uL	94
77) Carbazole	17.37	167	230981	2.796	ng/ul	99
78) Di-n-butylphthalate	17.96	149	211340	1.877	ng/ul#	98
80) Fluoranthene	19.03	202	314979	2.659	ng/ul	99
82) Pyrene	19.39	202	364735	3.003	ng/ul	98
83) Butylbenzylphthalate	20.32	149	76091	1.458	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.09	252	64758	1.992	ng/ul	99
85) Benzo(a)anthracene	21.14	228	316298	2.787	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.11	149	118564	1.533	ng/ul	100
87) Chrysene	21.20	228	340193	3.062	ng/ul	98
89) Di-n-octyl phthalate	21.97	149	186871	1.727	ng/ul	100
90) Benzo(b)fluoranthene	22.69	252	327712	2.954	ng/ul	97
91) Benzo(k)fluoranthene	22.73	252	323024	3.057	ng/ul	99
93) Benzo(a)pyrene	23.24	252	318686	3.169	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.50	276	369680	2.935	ng/ul	99
95) Dibenzo(a,h)anthracene	25.52	278	311176	2.948	ng/ul	97
96) Benzo(g,h,i)perylene	26.16	276	302498	2.834	ng/ul	98

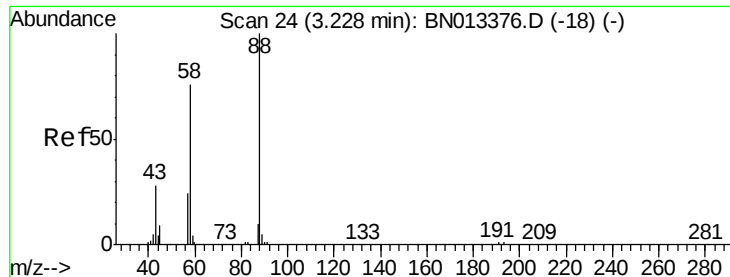
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011121\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 0.783 ng/uL

RT: 3.23 min Scan# 25

Delta R.T. -0.00 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-05

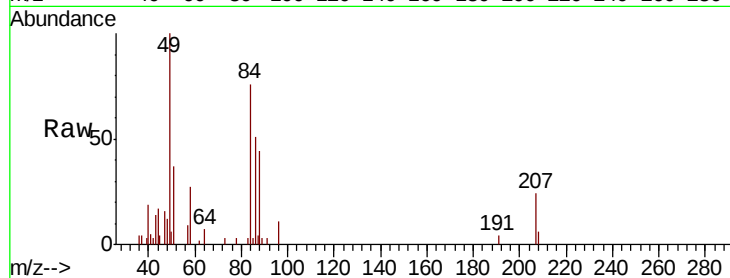
Tot Ion: 88 Resp: 6929

Ion Ratio Lower Upper

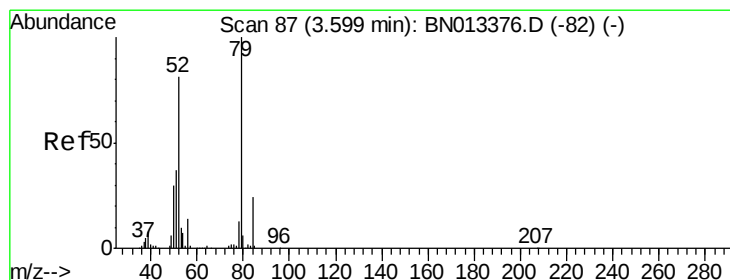
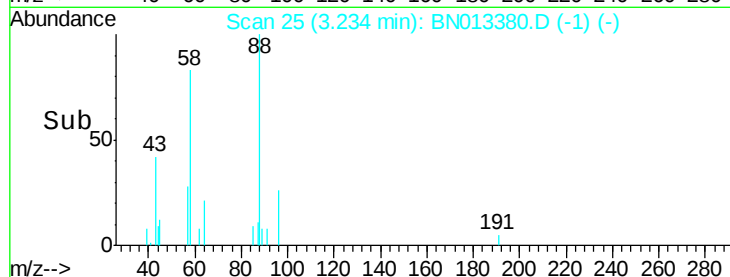
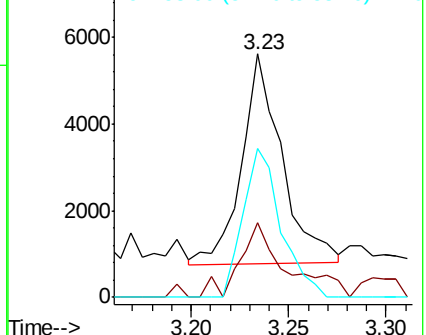
88 100

43 30.6 23.6 35.4

58 61.2 60.6 90.8



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 43.00 (42.70 to 43.70): BN0
Ion 58.00 (57.70 to 58.70): BN0



#5

Pyridine

Concen: 2.898 ng/uL

RT: 3.61 min Scan# 89

Delta R.T. 0.01 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

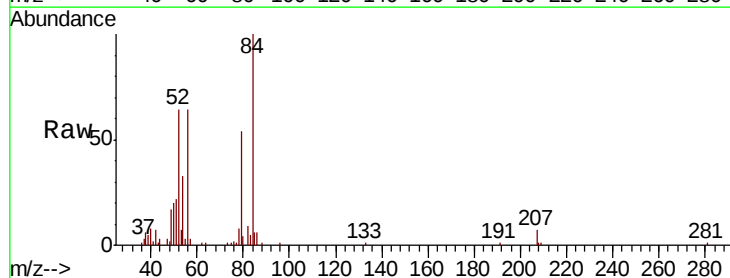
Tgt Ion: 79 Resp: 64822

Ion Ratio Lower Upper

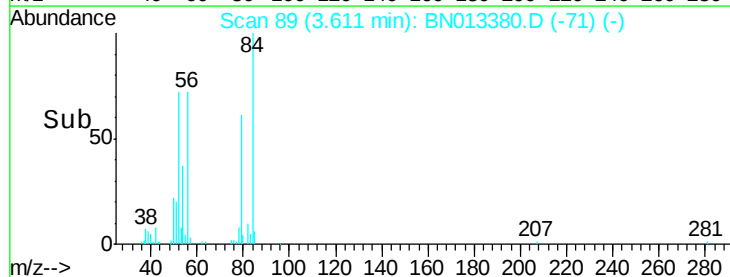
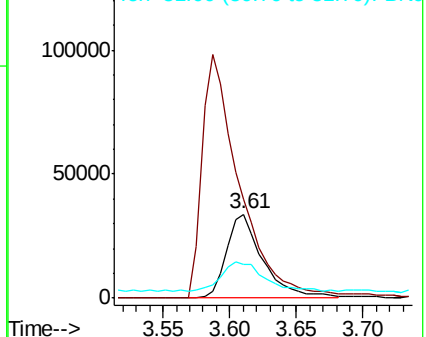
79 100

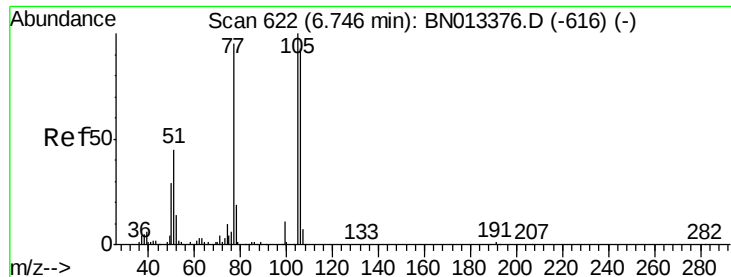
52 117.7 69.4 104.2#

51 40.7 31.6 47.4



Abundance Ion 79.00 (78.70 to 79.70): BN0
Ion 52.00 (51.70 to 52.70): BN0
Ion 51.00 (50.70 to 51.70): BN0





#6

Benzaldehyde

Concen: 4.571 ng/ul

RT: 6.75 min Scan# 623

Delta R.T. -0.01 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

Instrument :

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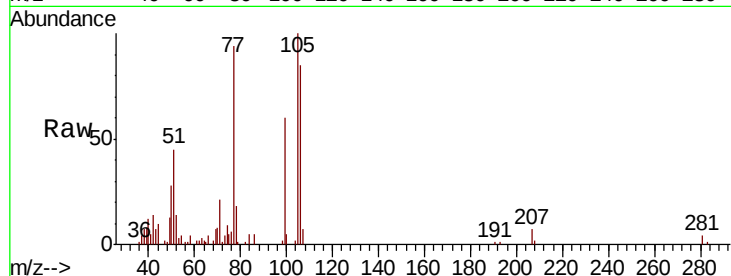
Tot Ion: 77 Resp: 48895

Ion Ratio Lower Upper

77 100

105 106.8 85.5 128.3

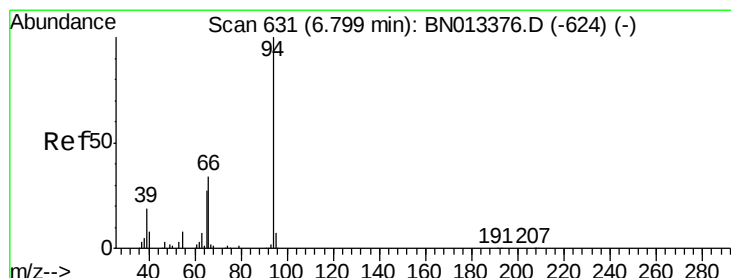
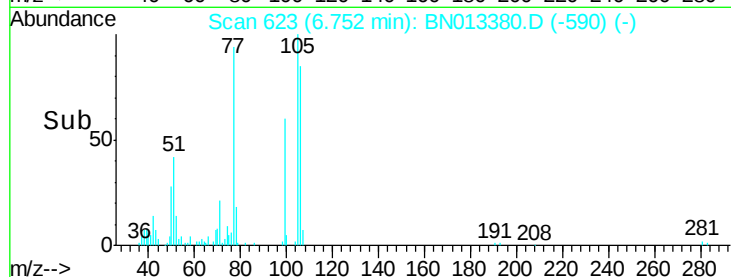
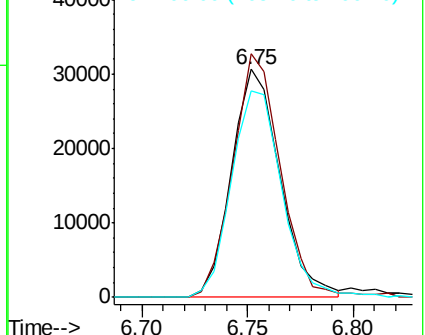
106 90.7 79.6 119.4



Abundance Ion 77.00 (76.70 to 77.70): BN013380.D (-590) (-)

Ion 105.00 (104.70 to 105.70): BN013380.D (-590) (-)

Ion 106.00 (105.70 to 106.70): BN013380.D (-590) (-)



#8

Phenol

Concen: 2.789 ng/ul

RT: 6.80 min Scan# 632

Delta R.T. -0.00 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

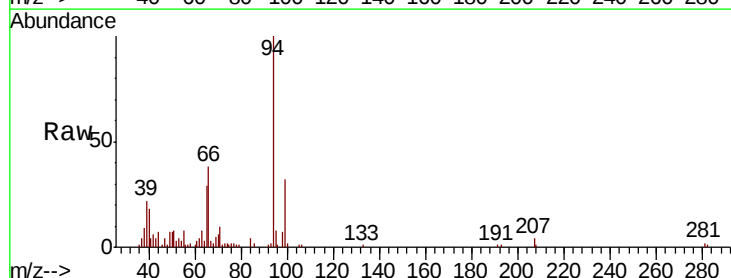
Tgt Ion: 94 Resp: 80397

Ion Ratio Lower Upper

94 100

65 28.5 21.8 32.8

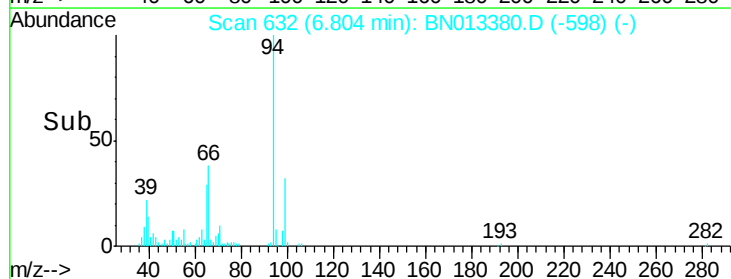
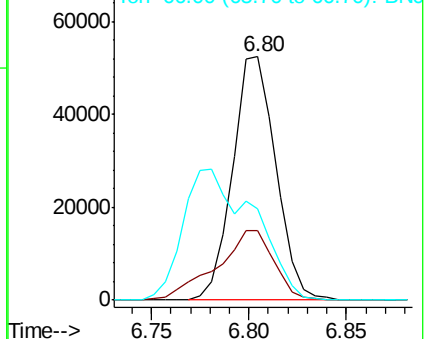
66 37.6 29.8 44.6

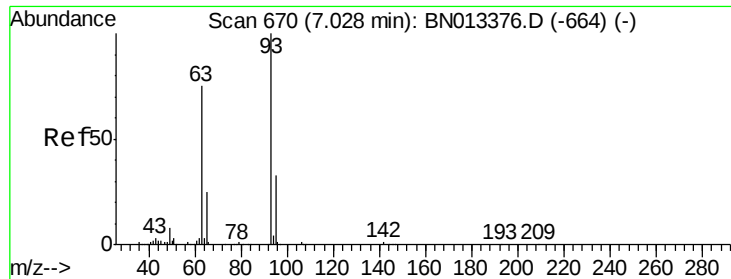


Abundance Ion 94.00 (93.70 to 94.70): BN013380.D (-598) (-)

Ion 65.00 (64.70 to 65.70): BN013380.D (-598) (-)

Ion 66.00 (65.70 to 66.70): BN013380.D (-598) (-)





#10

Bis(2-Chloroethyl)ether

Concen: 3.034 ng/ul

RT: 7.03 min Scan# 671

Delta R.T. -0.01 min

Lab File: BN013380.D

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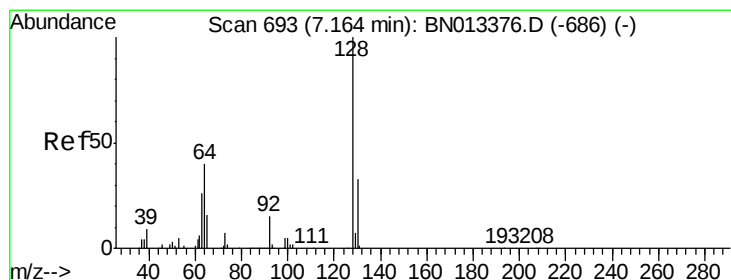
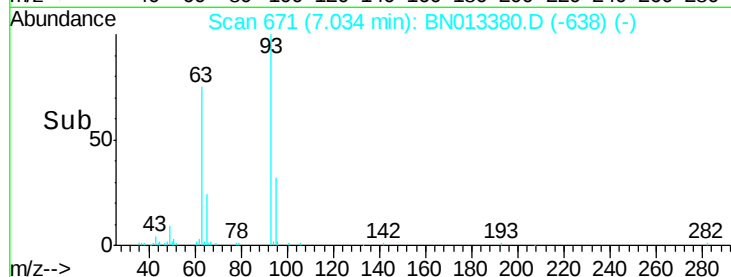
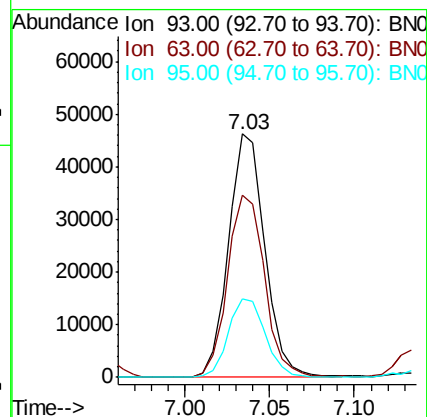
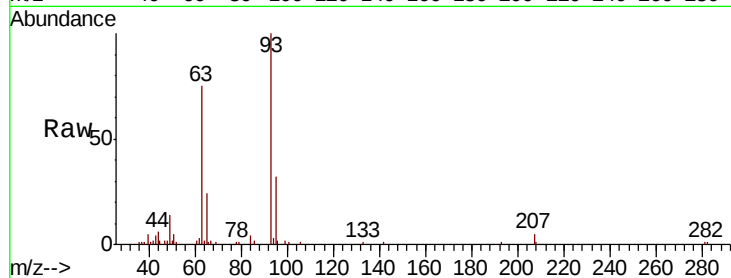
Tot Ion: 93 Resp: 69288

Ion Ratio Lower Upper

93 100

63 74.7 58.8 88.2

95 32.2 25.8 38.8



#12

2-Chlorophenol

Concen: 2.703 ng/ul

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

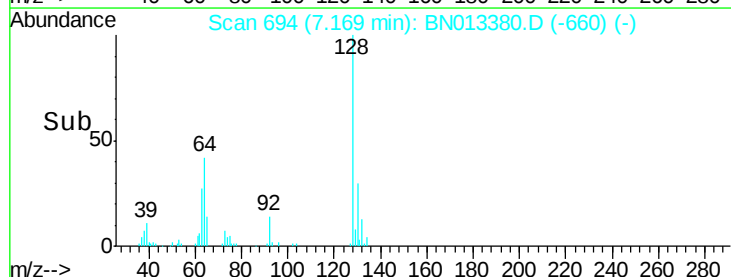
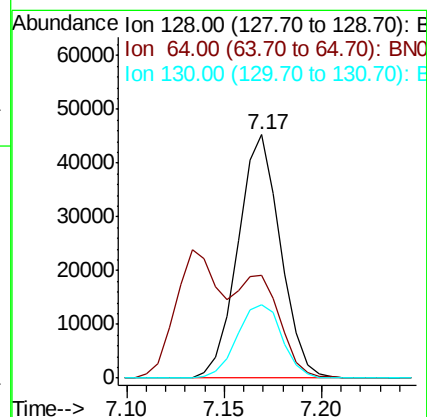
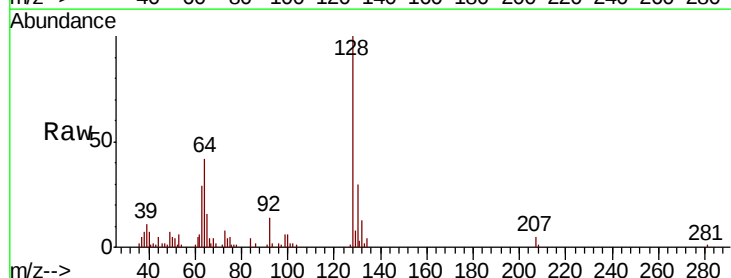
Tgt Ion: 128 Resp: 68365

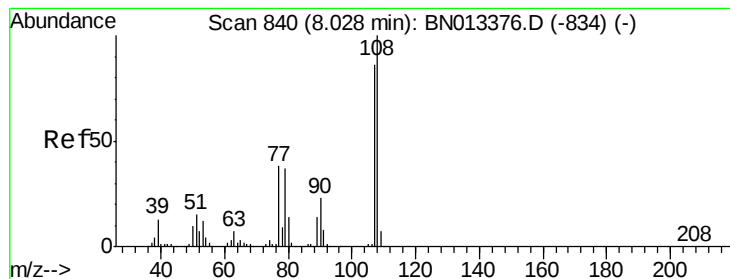
Ion Ratio Lower Upper

128 100

64 42.3 34.6 51.8

130 30.1 25.8 38.6





#13

2-Methylphenol

Concen: 2.387 ng/ul

RT: 8.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN013380.D

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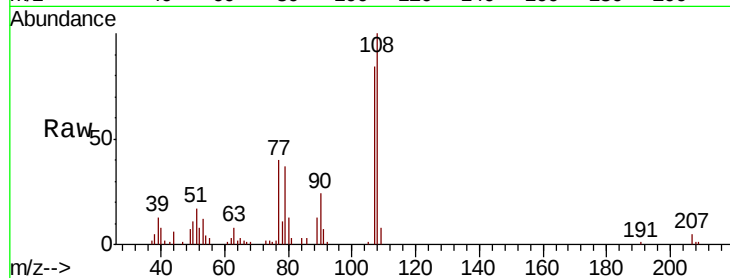
MDL-SOIL-05

Tot Ion:108 Resp: 52998

Ion Ratio Lower Upper

108 100

107 83.8 69.7 104.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.03

40000

30000

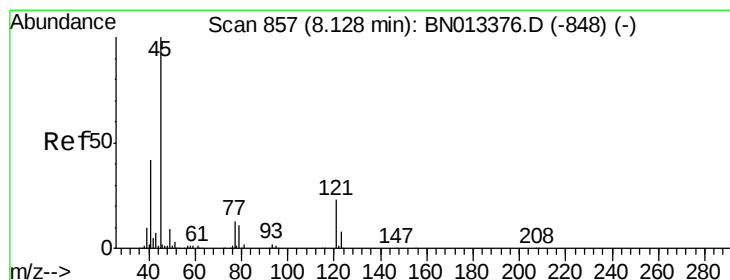
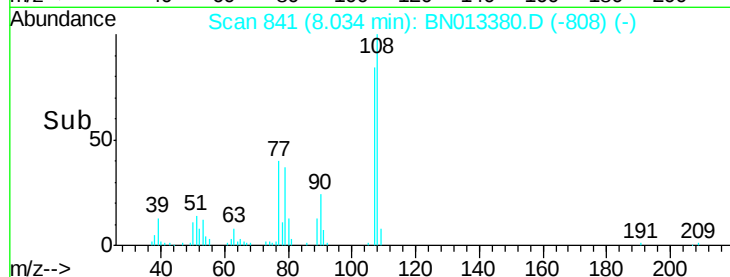
20000

10000

0

8.00 8.05 8.10

Time-->



#14

2,2'-oxybis(1-Chloropropane)

Concen: 2.970 ng/ul

RT: 8.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

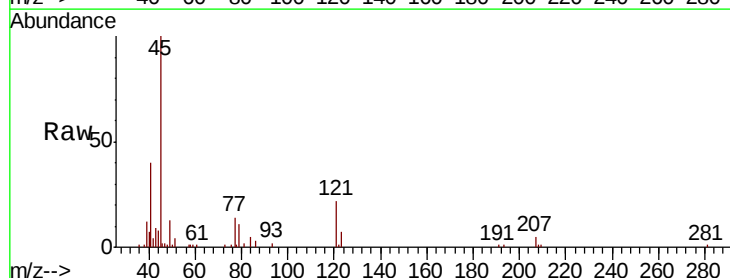
Tgt Ion: 45 Resp: 95066

Ion Ratio Lower Upper

45 100

77 13.6 11.0 16.6

79 10.7 8.5 12.7



Abundance Ion 45.00 (44.70 to 45.70): BNC

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC

8.13

50000

40000

30000

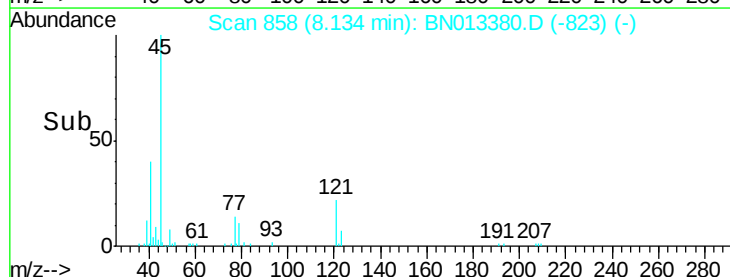
20000

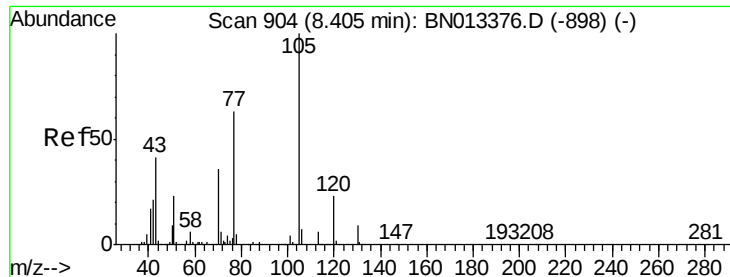
10000

0

8.05 8.10 8.15 8.20

Time-->





#16

Acetophenone

Concen: 2.735 ng/ul

RT: 8.41 min Scan# 905

Delta R.T. -0.00 min

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Acq: 11 Jan 2021 12:36

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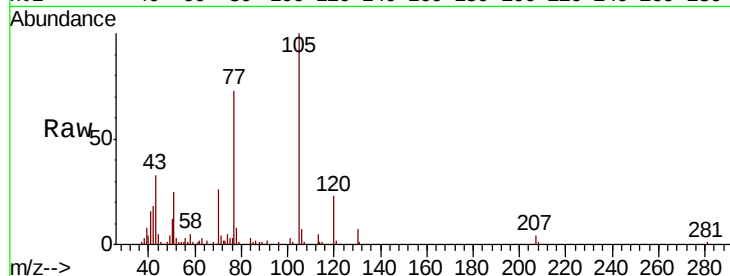
Tot Ion:105 Resp: 92394

Ion Ratio Lower Upper

105 100

77 73.4 58.7 88.1

51 25.5 21.4 32.2



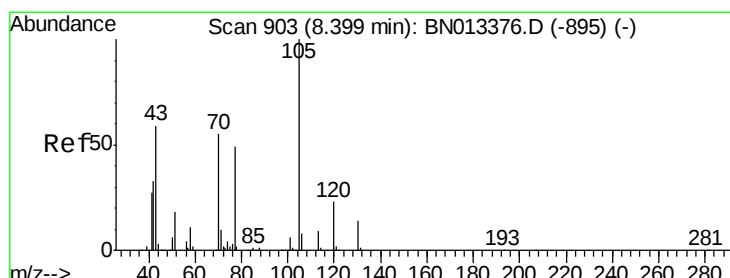
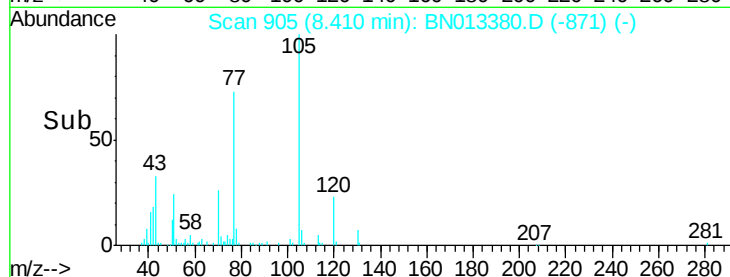
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

8.41

Time-->



#17

N-Nitroso-di-n-propylamine

Concen: 2.348 ng/ul

RT: 8.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

Tgt Ion: 70 Resp: 39363

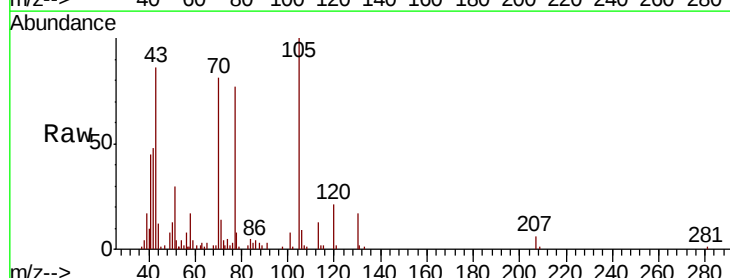
Ion Ratio Lower Upper

70 100

42 59.4 50.3 75.5

101 9.5 8.5 12.7

130 21.1 19.9 29.9



Abundance Ion 70.00 (69.70 to 70.70): BNC

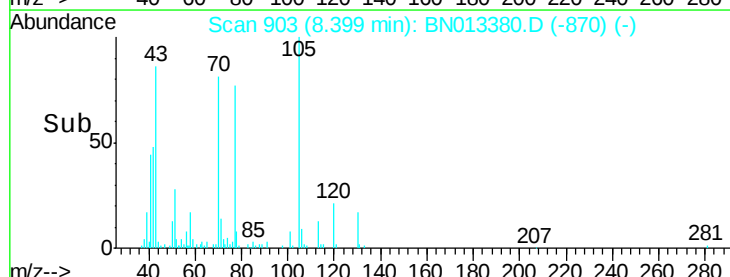
Ion 42.00 (41.70 to 42.70): BNC

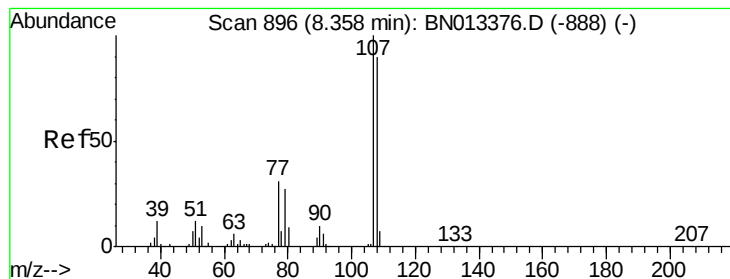
Ion 101.00 (100.70 to 101.70): BNC

Ion 130.00 (129.70 to 130.70): BNC

8.40

Time-->





#18

4-Methylphenol

Concen: 2.620 ng/ul

RT: 8.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

Instrument :

BNA_N

ClientSampleId :

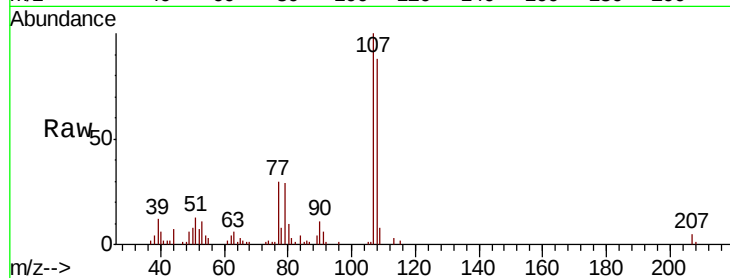
MDL-SOIL-05

Tot Ion:108 Resp: 62456

Ion Ratio Lower Upper

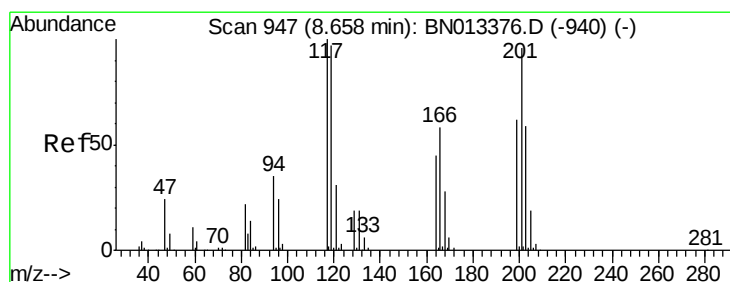
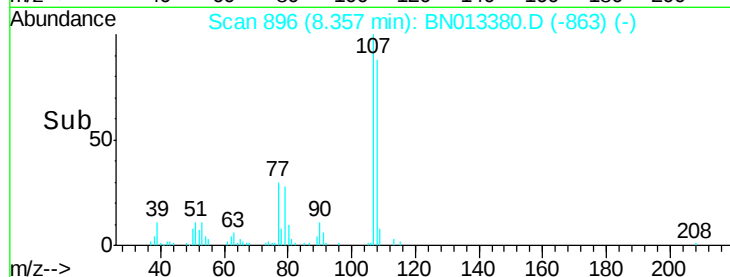
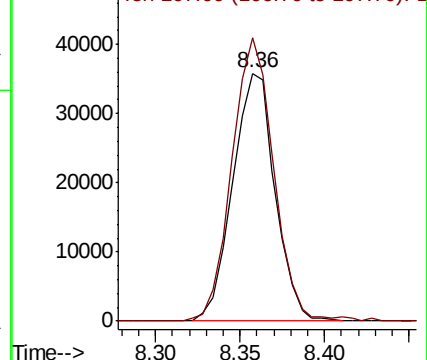
108 100

107 114.1 87.9 131.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#19

Hexachloroethane

Concen: 2.792 ng/ul

RT: 8.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

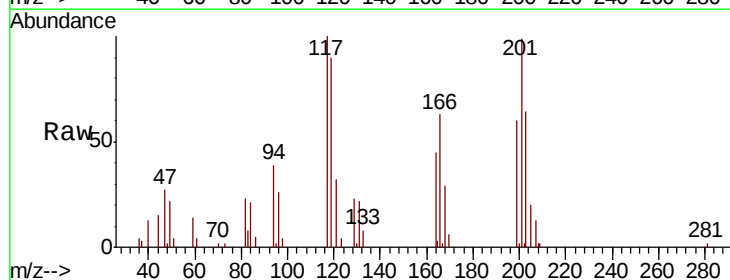
Tgt Ion:117 Resp: 27712

Ion Ratio Lower Upper

117 100

201 98.6 73.8 110.6

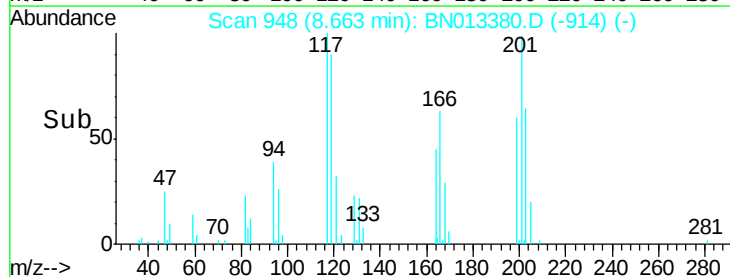
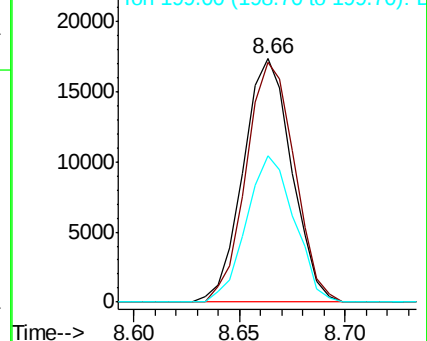
199 60.0 47.1 70.7

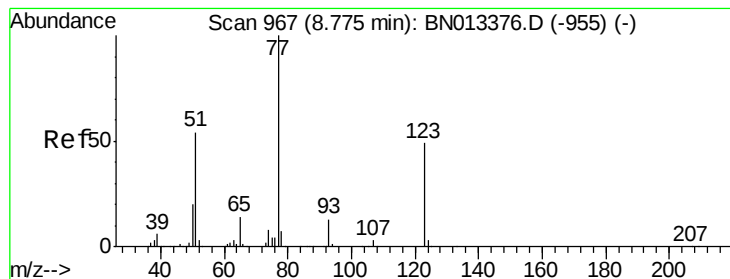


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#22

Nitrobenzene

Concen: 2.872 ng/ul

RT: 8.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-05

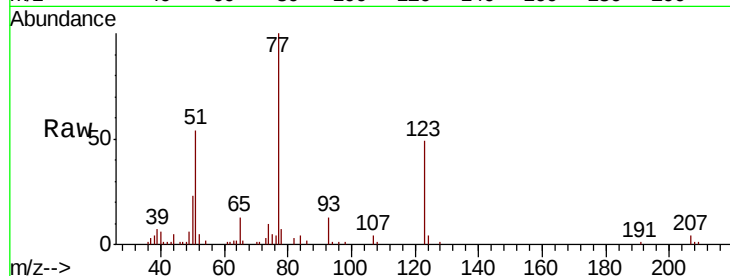
Tot Ion: 77 Resp: 71579

Ion Ratio Lower Upper

77 100

123 49.1 40.2 60.4

65 13.4 10.6 16.0



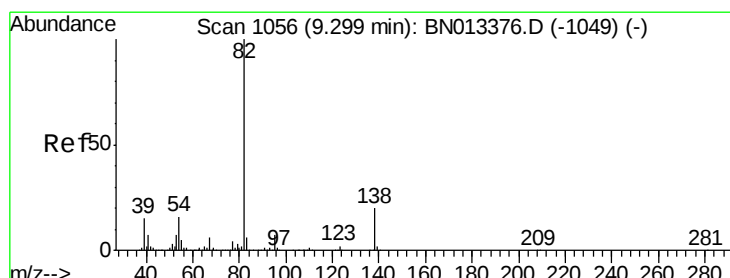
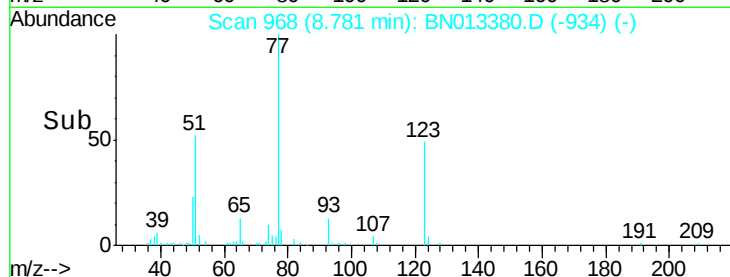
Abundance Ion 77.00 (76.70 to 77.70): BN013376.D (-955) (-)

Ion 123.00 (122.70 to 123.70): BN013376.D (-955) (-)

Ion 65.00 (64.70 to 65.70): BN013376.D (-955) (-)

Time-->

8.78



#23

Isophorone

Concen: 2.183 ng/ul

RT: 9.30 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

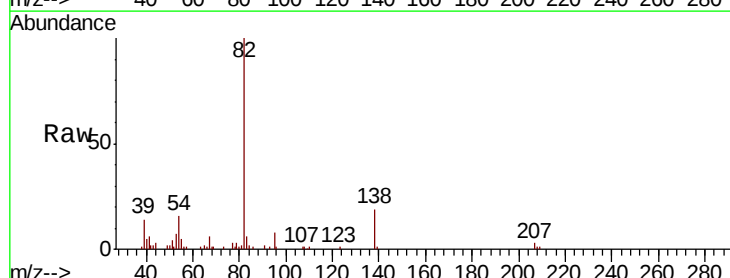
Tgt Ion: 82 Resp: 102893

Ion Ratio Lower Upper

82 100

95 8.2 6.1 9.1

138 18.6 15.6 23.4



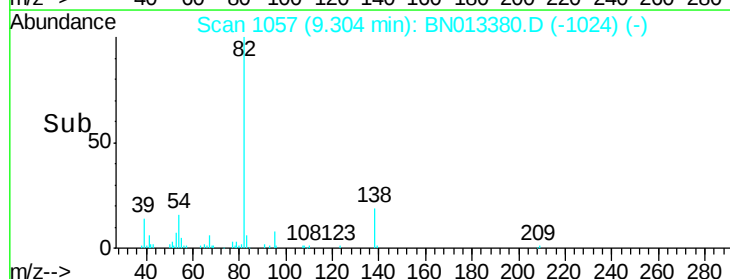
Abundance Ion 82.00 (81.70 to 82.70): BN013376.D (-1049) (-)

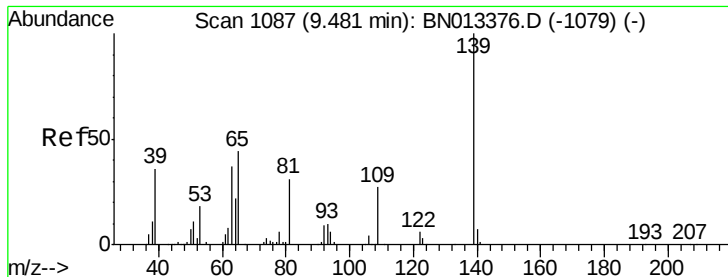
Ion 95.00 (94.70 to 95.70): BN013376.D (-1049) (-)

Ion 138.00 (137.70 to 138.70): BN013376.D (-1049) (-)

Time-->

9.30

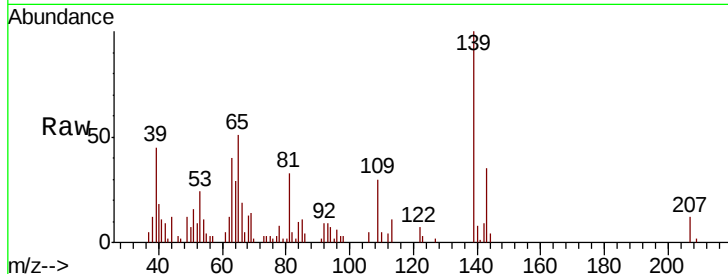




#25
2-Nitrophenol
Concen: 2.779 ng/ul
RT: 9.48 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BN013380.D
Acq: 11 Jan 2021 12:36

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-05

Tot Ion	Ratio	Lower	Upper
139	100		
65	50.9	35.9	53.9
109	30.1	23.0	34.4

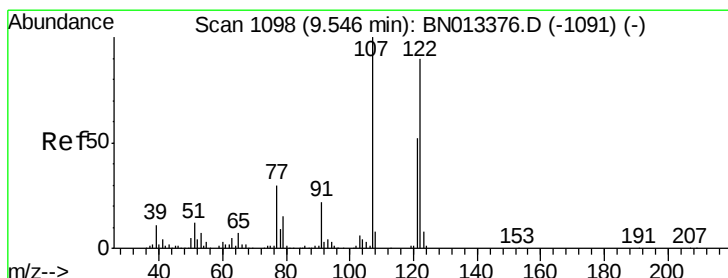
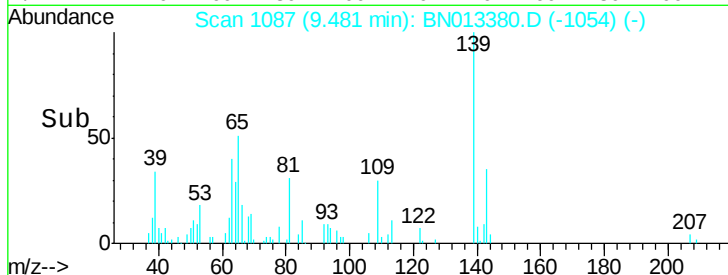
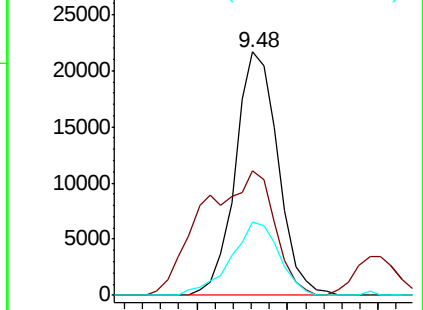


Abundance

Ion 139.00 (138.70 to 139.70): E

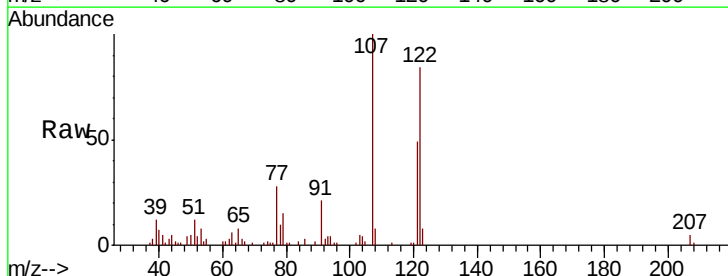
Ion 65.00 (64.70 to 65.70): B

Ion 109.00 (108.70 to 109.70): E



#26
2,4-Dimethylphenol
Concen: 2.619 ng/ul
RT: 9.55 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BN013380.D
Acq: 11 Jan 2021 12:36

Tgt Ion	Ratio	Lower	Upper
107	100		
121	48.9	42.2	63.2
122	84.4	71.3	106.9

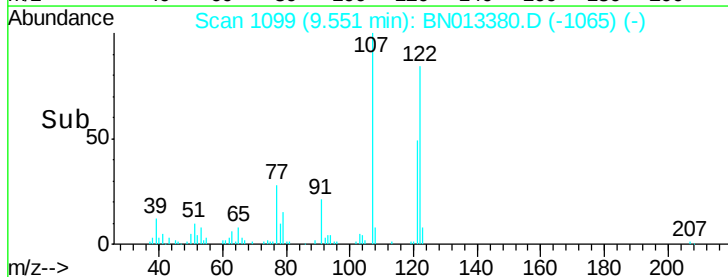
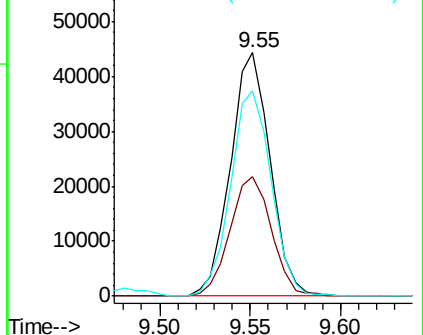


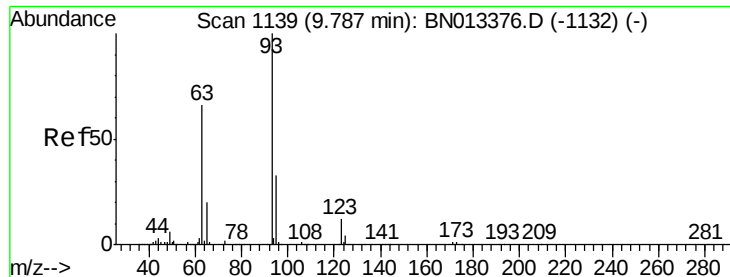
Abundance

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: 2.682 ng/ul

RT: 9.79 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-05

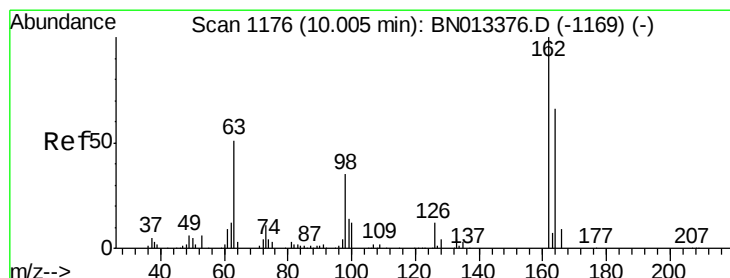
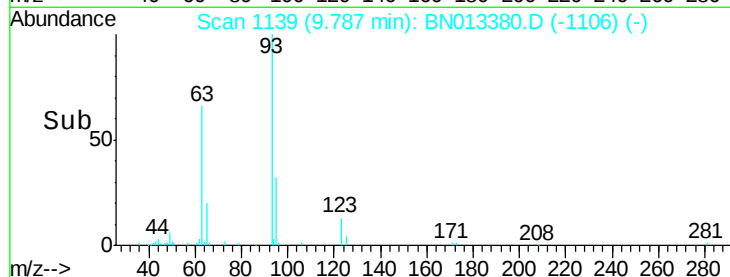
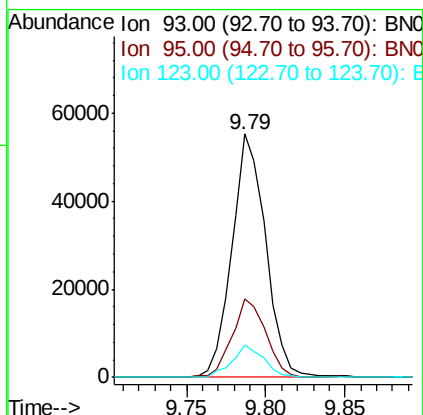
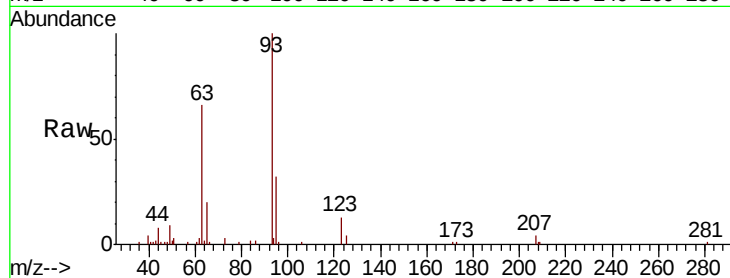
Tot Ion: 93 Resp: 81768

Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.8	40.2
123	13.2	9.9	14.9

93 100

95 32.2 26.8 40.2

123 13.2 9.9 14.9



#29

2,4-Dichlorophenol

Concen: 2.761 ng/ul

RT: 10.01 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

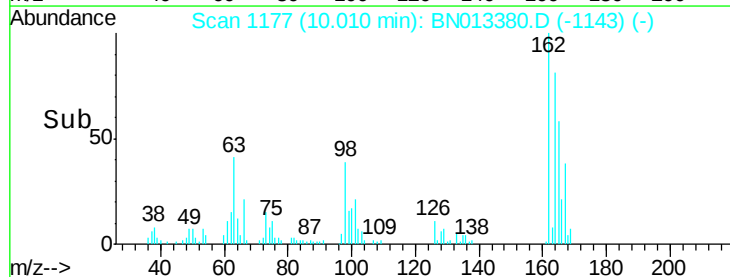
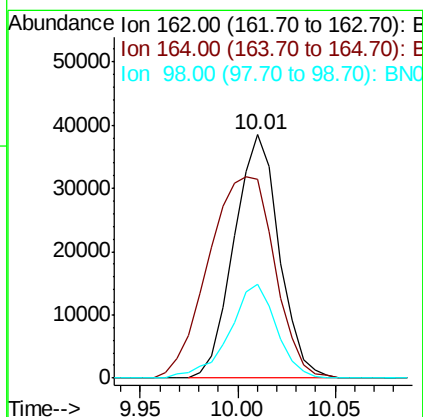
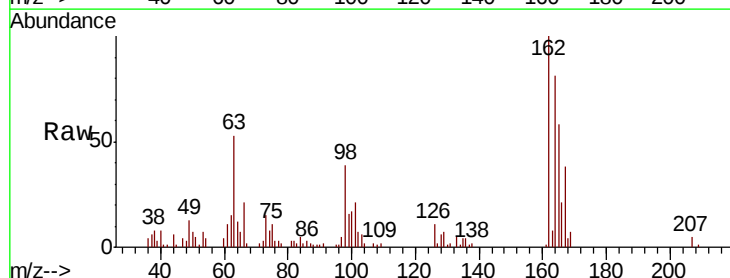
Tgt Ion: 162 Resp: 61558

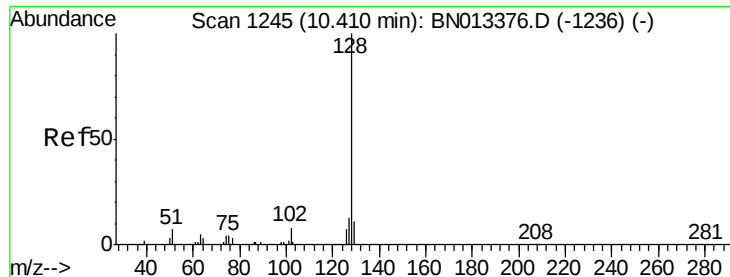
Ion	Ratio	Lower	Upper
162	100		
164	81.4	53.3	79.9#
98	38.5	29.0	43.6

162 100

164 81.4 53.3 79.9#

98 38.5 29.0 43.6

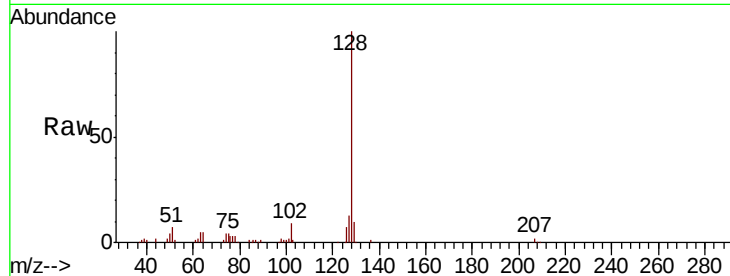




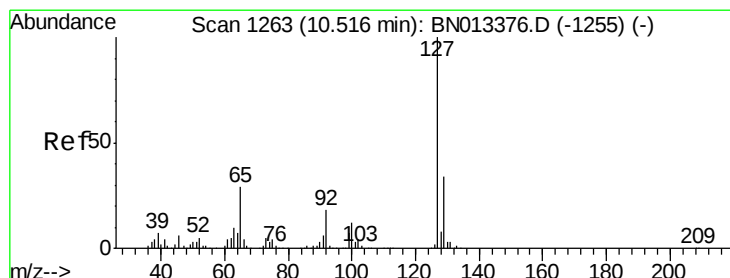
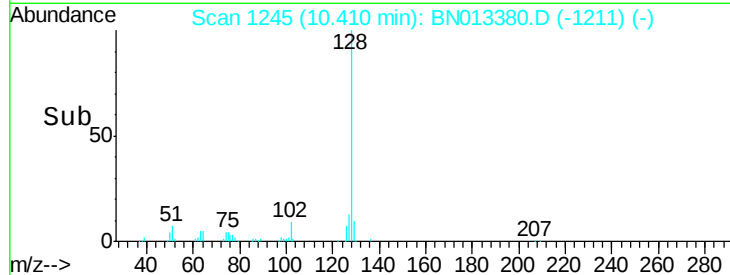
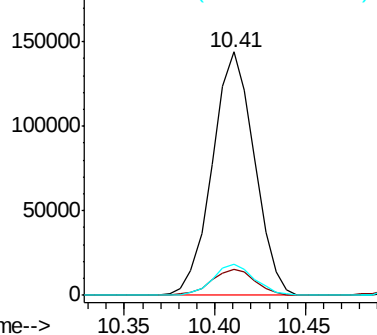
#30
Naphthalene
Concen: 2.967 ng/ul
RT: 10.41 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BN013380.D
Acq: 11 Jan 2021 12:36

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-05

Tot Ion:128 Resp: 232440
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 13.0 10.2 15.4

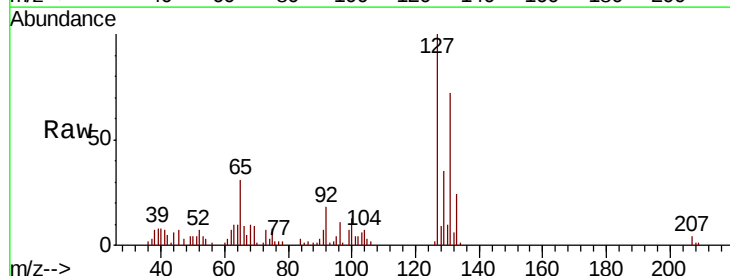


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

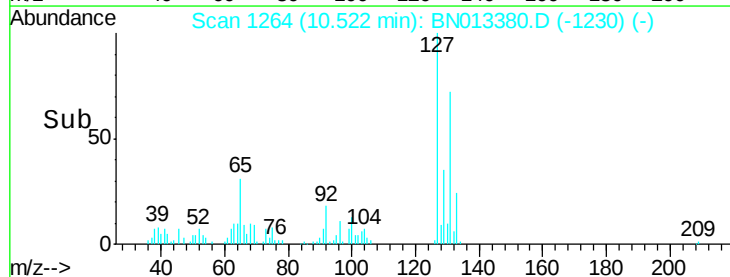
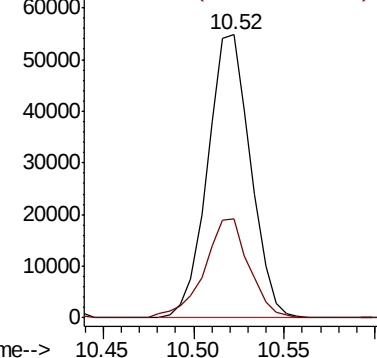


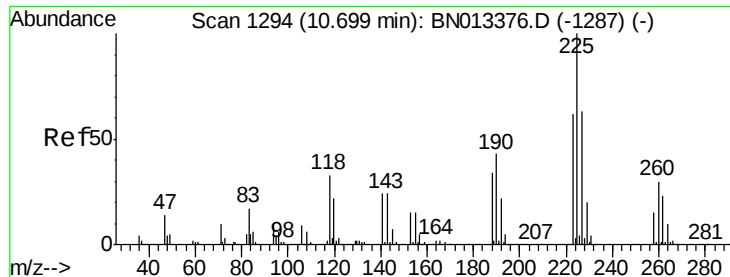
#32
4-Chloroaniline
Concen: 3.062 ng/ul
RT: 10.52 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BN013380.D
Acq: 11 Jan 2021 12:36

Tgt Ion:127 Resp: 90329
Ion Ratio Lower Upper
127 100
129 34.9 25.4 38.0



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





#33

Hexachlorobutadiene

Concen: 2.793 ng/ul

RT: 10.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-05

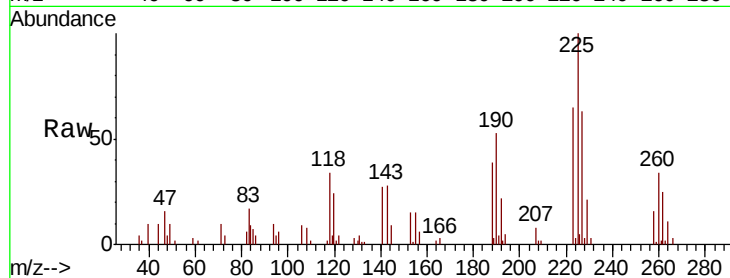
Tot Ion:225 Resp: 38933

Ion Ratio Lower Upper

225 100

223 64.5 48.7 73.1

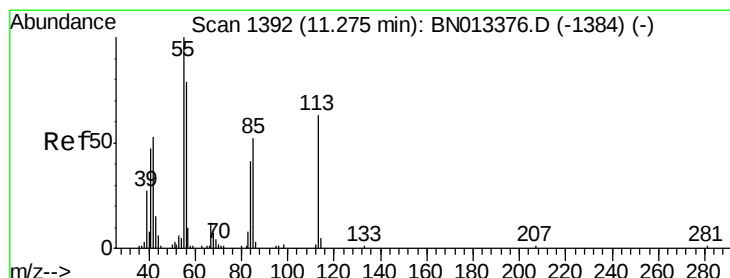
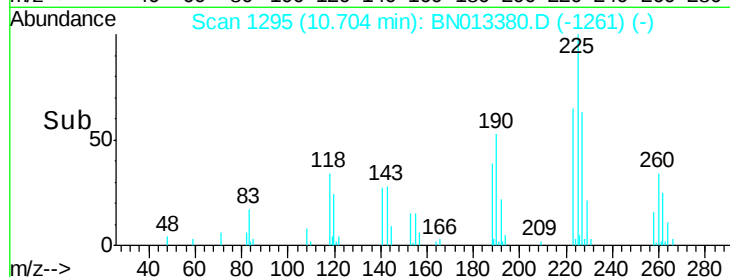
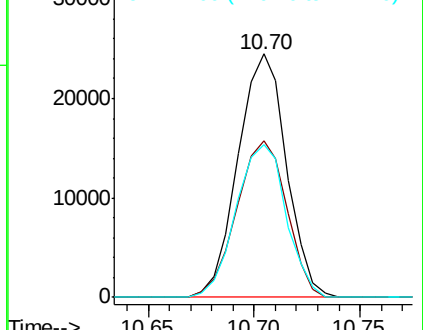
227 62.6 50.2 75.4



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: 1.693 ng/ul

RT: 11.30 min Scan# 1397

Delta R.T. 0.02 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

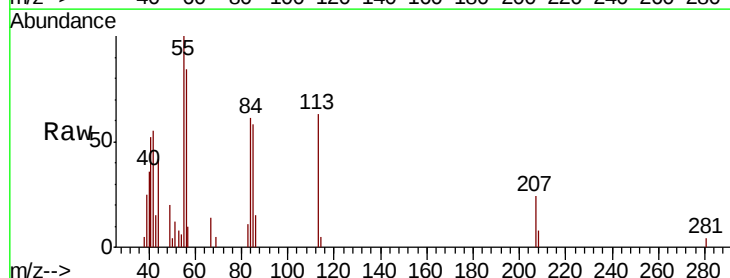
Tgt Ion:113 Resp: 11641

Ion Ratio Lower Upper

113 100

55 157.7 130.5 195.7

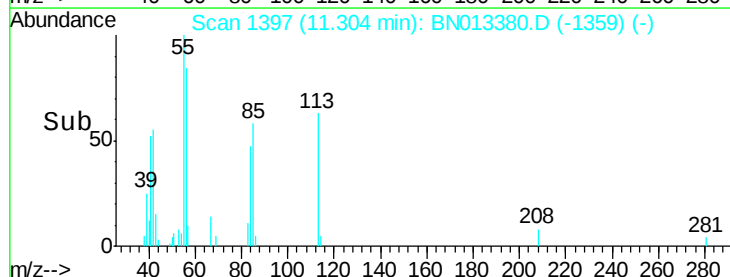
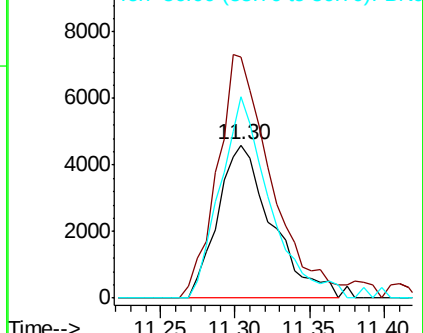
56 131.9 101.0 151.6

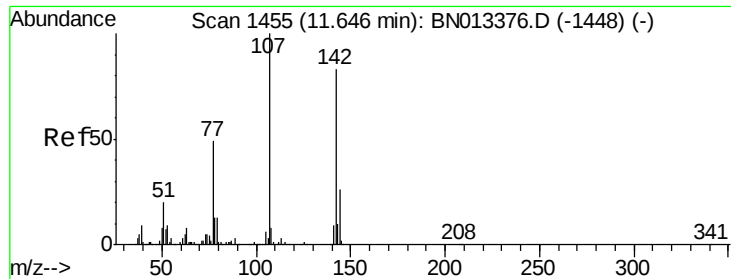


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNC

Ion 56.00 (55.70 to 56.70): BNC

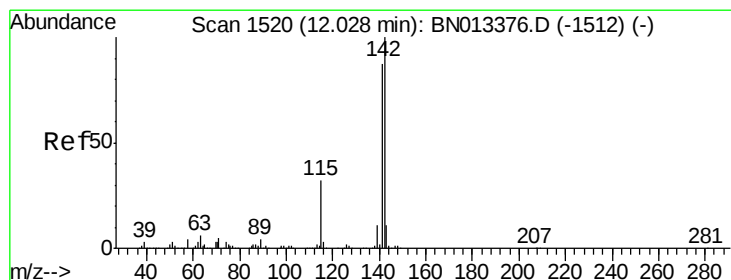
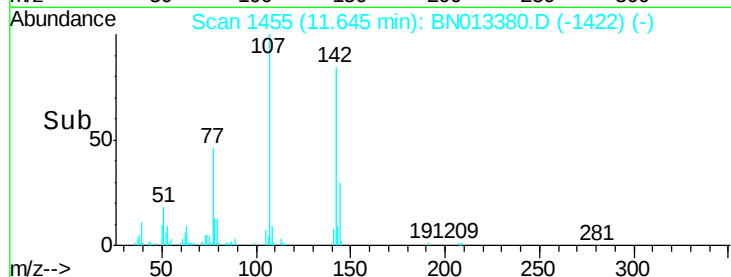
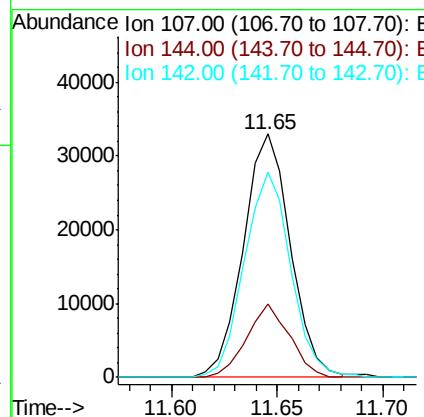
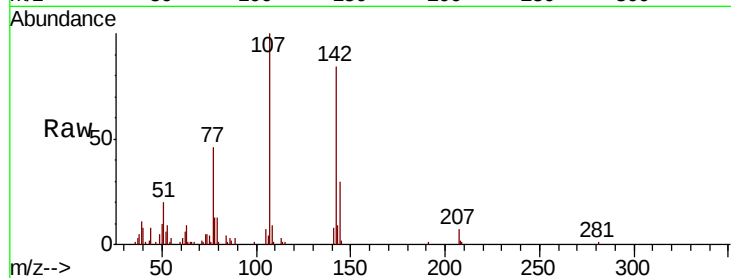




#35
 4-Chloro-3-methylphenol
 Concen: 2.135 ng/ul
 RT: 11.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BN013380.D
 Acq: 11 Jan 2021 12:36

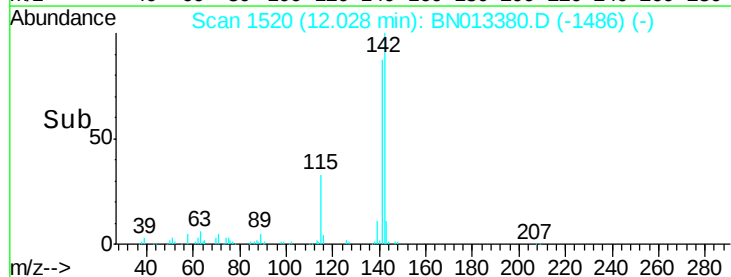
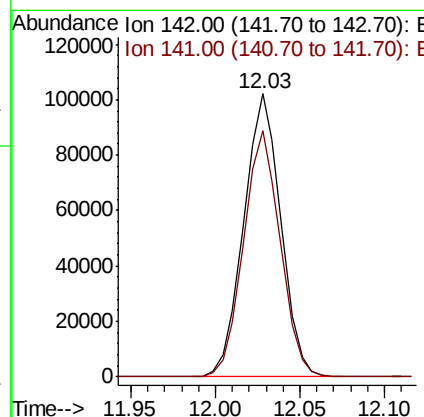
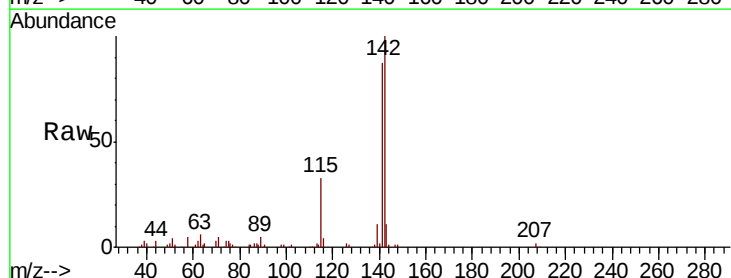
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-05

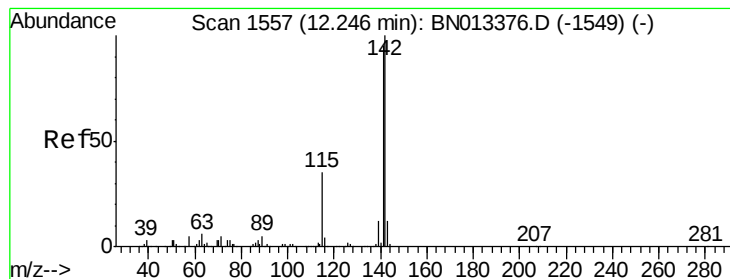
Tot Ion	Ratio	Lower	Upper
107	100		
144	30.0	21.2	31.8
142	84.4	63.2	94.8



#36
 2-Methylnaphthalene
 Concen: 2.893 ng/ul
 RT: 12.03 min Scan# 1520
 Delta R.T. -0.00 min
 Lab File: BN013380.D
 Acq: 11 Jan 2021 12:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.9	71.5	107.3





#37

1-Methylnaphthalene

Concen: 2.860 ng/ul

RT: 12.25 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-05

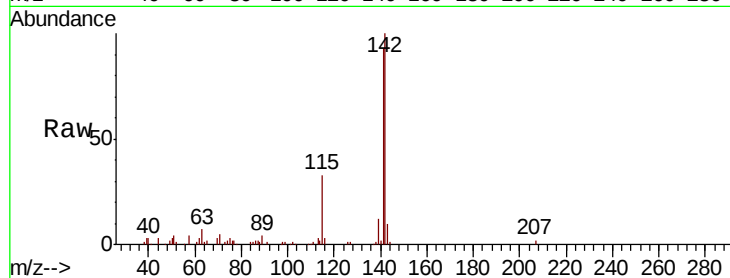
Tot Ion:142 Resp: 148500

Ion Ratio Lower Upper

142 100

141 92.9 71.4 107.2

116 3.1 2.9 4.3

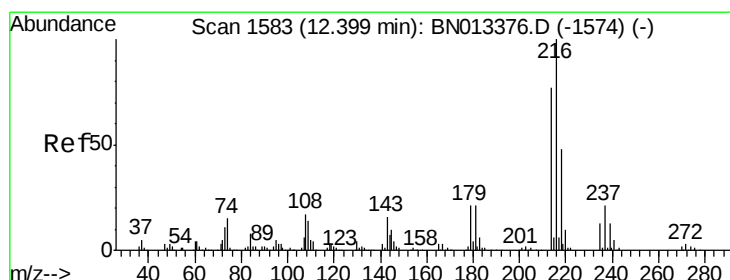
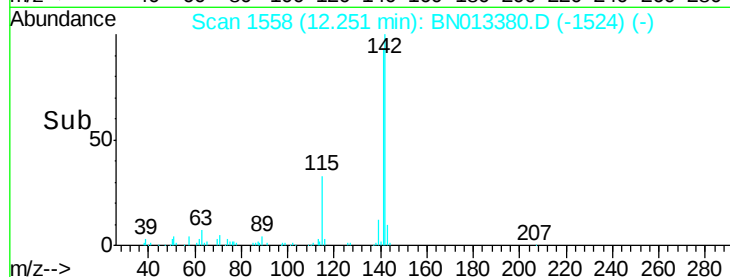
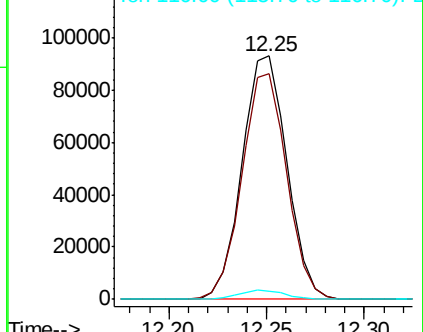


Abundance

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



#39

1,2,4,5-Tetrachlorobenzene

Concen: 2.949 ng/ul

RT: 12.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

Tgt Ion:216 Resp: 74840

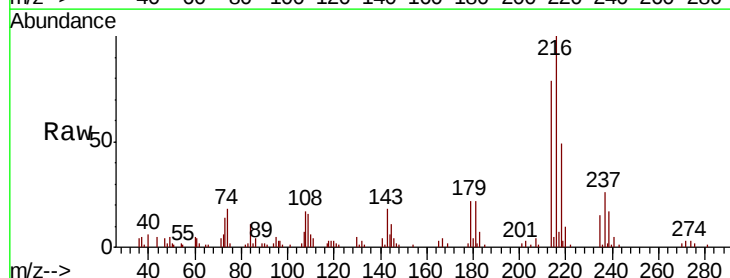
Ion Ratio Lower Upper

216 100

214 79.3 61.6 92.4

179 21.9 16.7 25.1

108 16.5 13.8 20.6



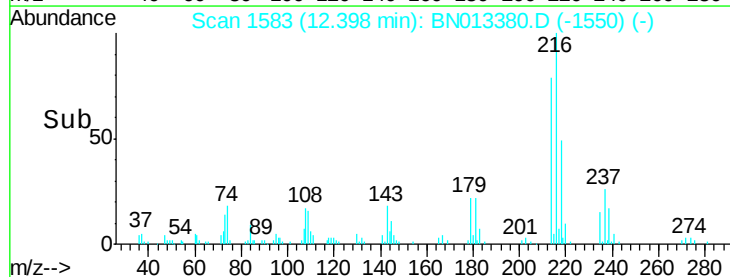
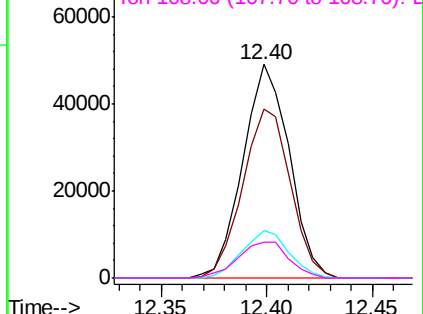
Abundance

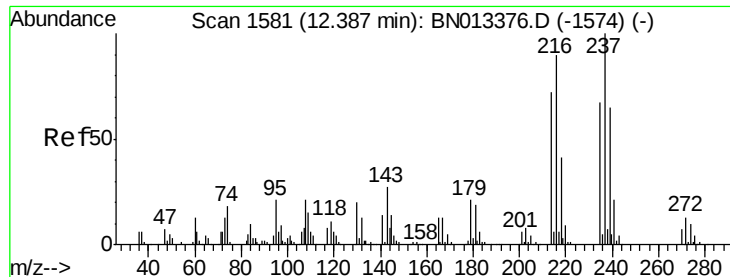
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 2.938 ng/ul

RT: 12.39 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-05

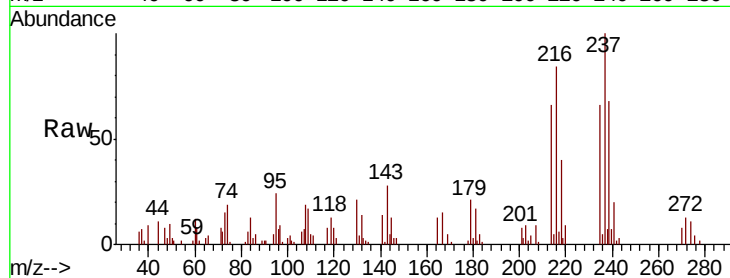
Tot Ion:237 Resp: 38854

Ion Ratio Lower Upper

237 100

235 66.2 49.9 74.9

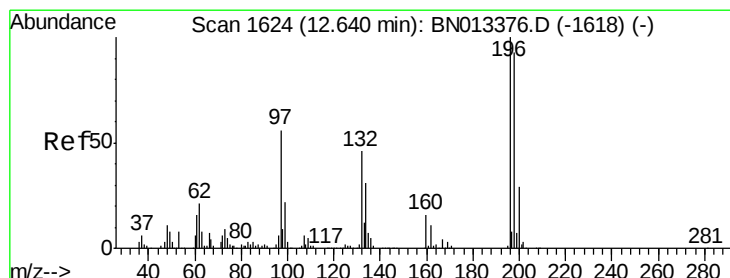
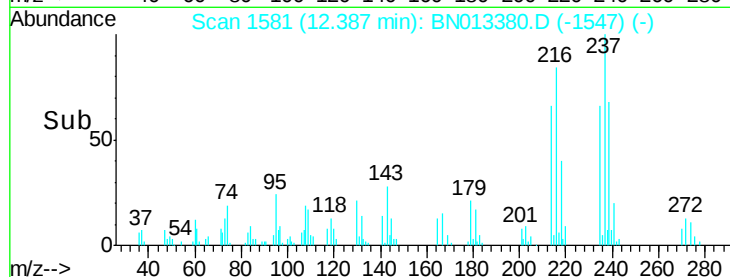
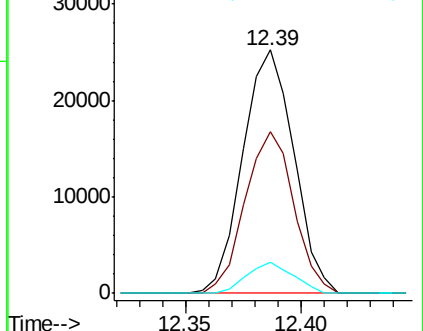
272 12.9 10.1 15.1



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: 2.029 ng/ul

RT: 12.65 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

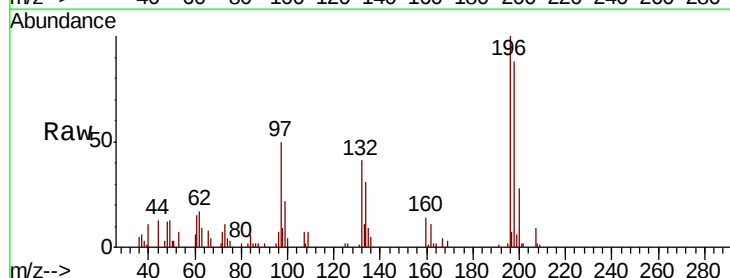
Tgt Ion:196 Resp: 33970

Ion Ratio Lower Upper

196 100

198 88.0 79.6 119.4

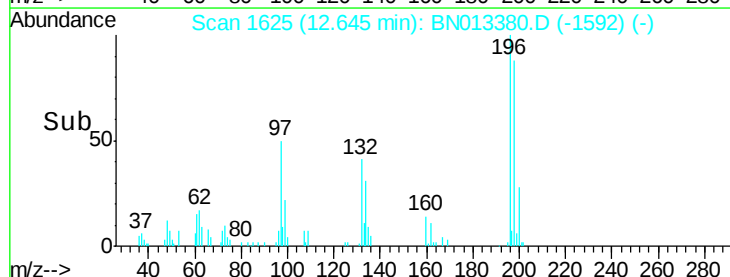
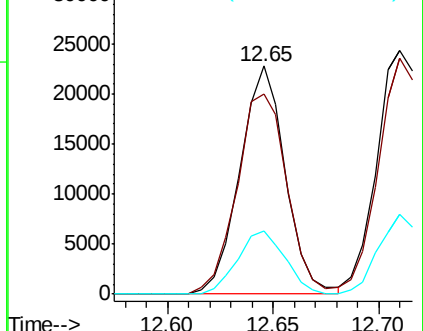
200 27.8 25.1 37.7

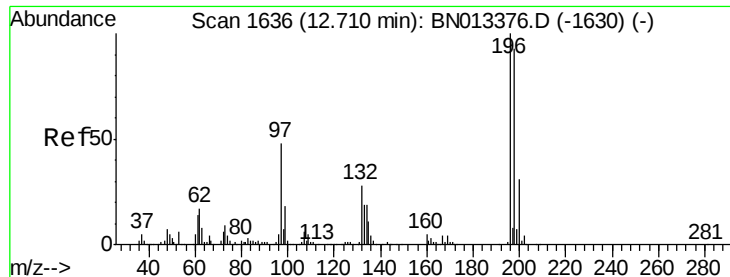


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

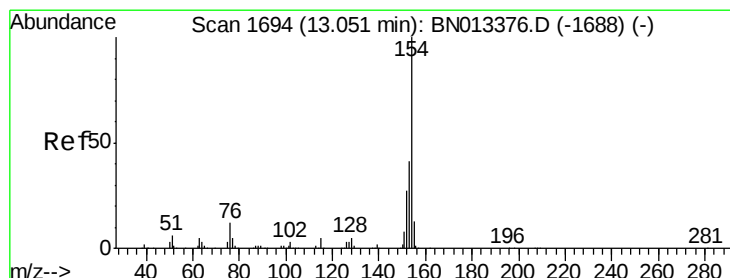
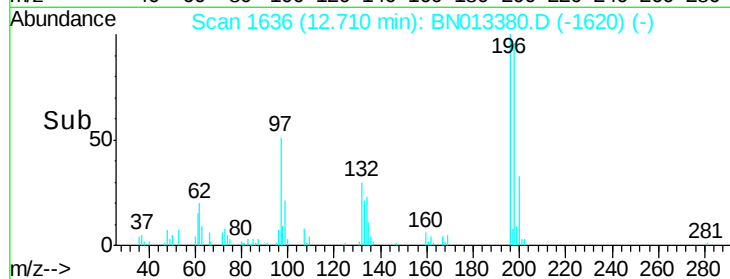
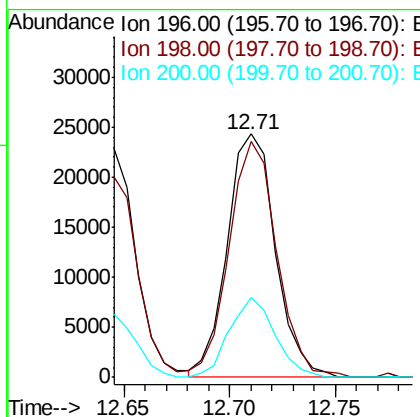
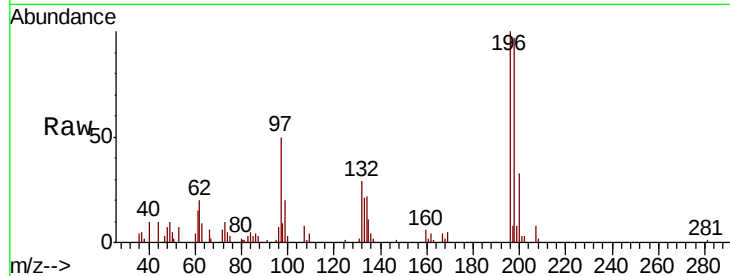




#42
 2,4,5-Trichlorophenol
 Concen: 2.159 ng/ul
 RT: 12.71 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BN013380.D
 Acq: 11 Jan 2021 12:36

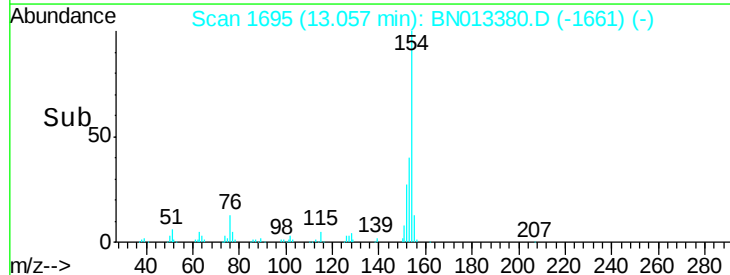
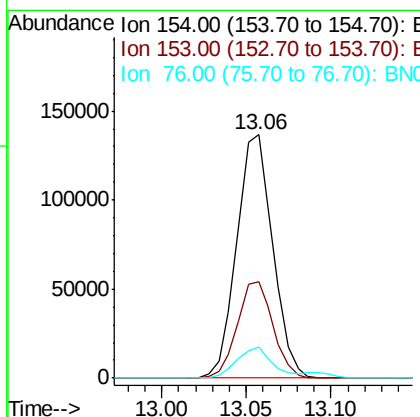
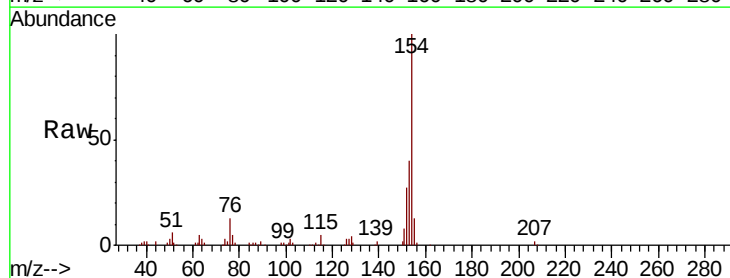
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-05

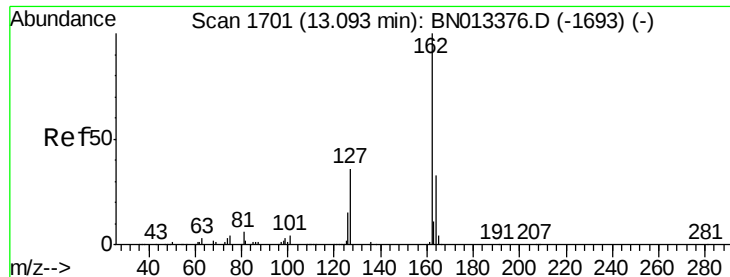
Tot Ion:196 Resp: 38457
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.3 112.9
 200 32.9 24.1 36.1



#43
 1,1'-Biphenyl
 Concen: 2.988 ng/ul
 RT: 13.06 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BN013380.D
 Acq: 11 Jan 2021 12:36

Tgt Ion:154 Resp: 202979
 Ion Ratio Lower Upper
 154 100
 153 39.7 32.1 48.1
 76 12.7 10.0 15.0

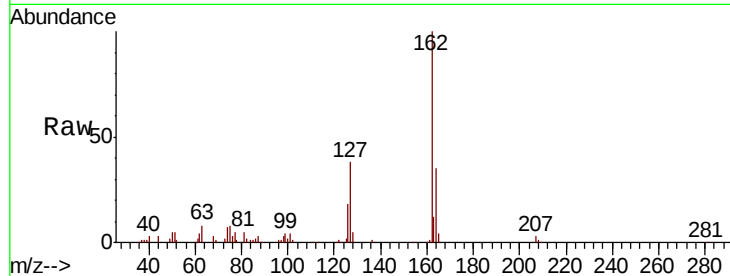




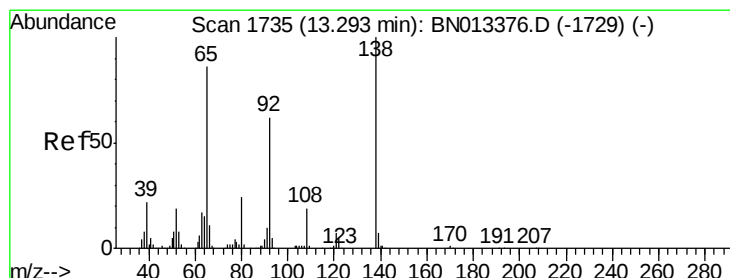
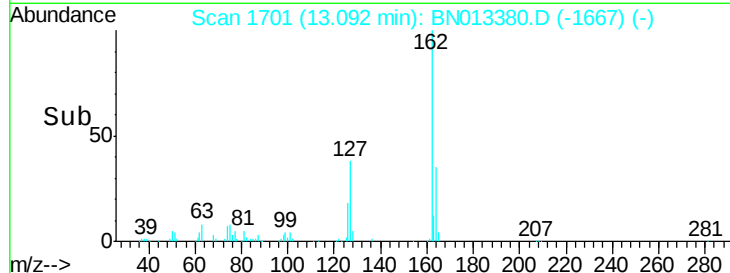
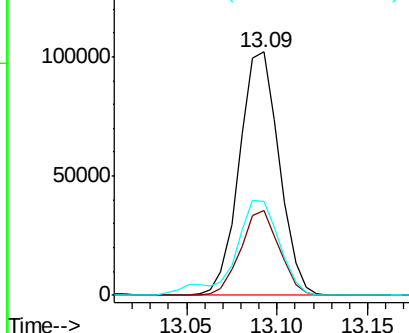
#44
2-Chloronaphthalene
Concen: 2.912 ng/ul
RT: 13.09 min Scan# 1701
Delta R.T. -0.00 min
Lab File: BN013380.D
Acq: 11 Jan 2021 12:36

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-05

Tot Ion	Ratio	Lower	Upper
162	100		
164	34.6	25.8	38.6
127	38.3	32.6	49.0

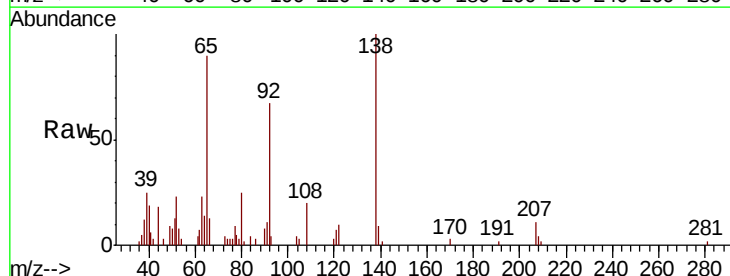


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

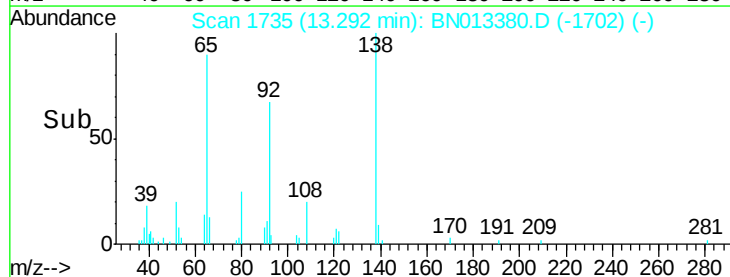
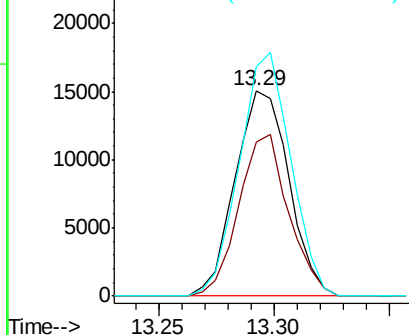


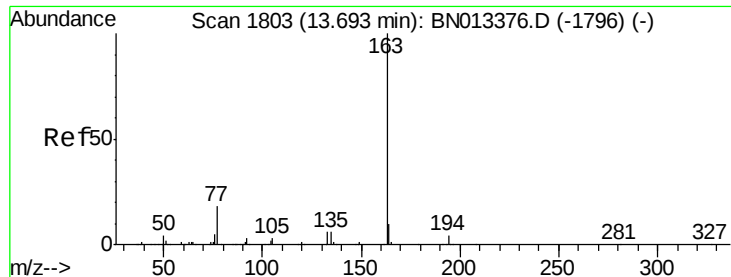
#45
2-Nitroaniline
Concen: 1.800 ng/ul
RT: 13.29 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BN013380.D
Acq: 11 Jan 2021 12:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.9	56.2	84.4
138	111.7	91.5	137.3



Abundance Ion 65.00 (64.70 to 65.70): BNO
Ion 92.00 (91.70 to 92.70): BNO
Ion 138.00 (137.70 to 138.70): E





#47

Dimethylphthalate

Concen: 2.813 ng/ul

RT: 13.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-05

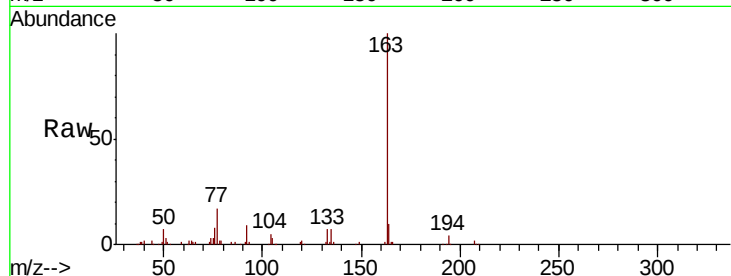
Tot Ion:163 Resp: 188281

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

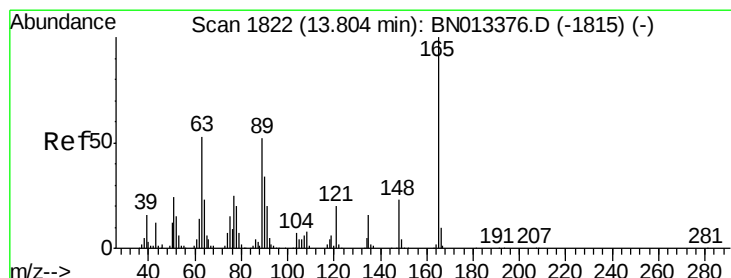
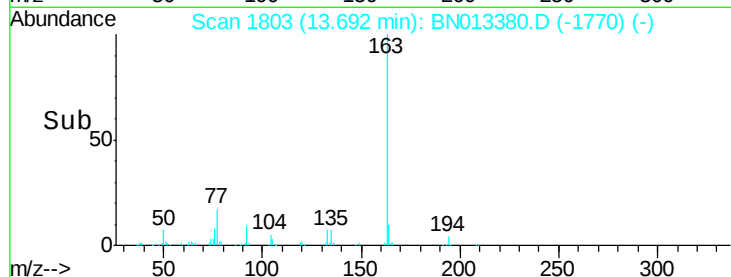
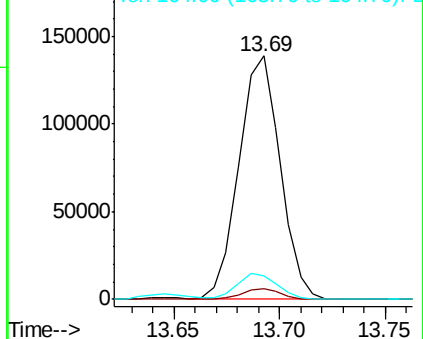
164 9.6 8.2 12.4



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: 1.889 ng/ul

RT: 13.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

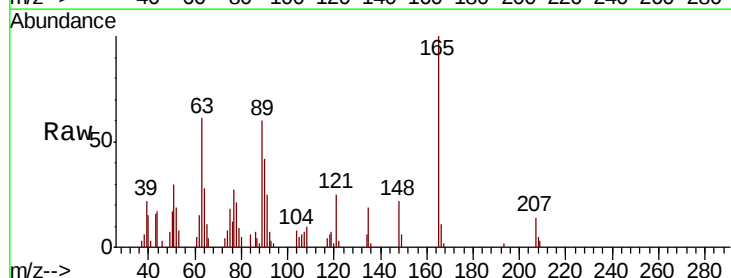
Tgt Ion:165 Resp: 23978

Ion Ratio Lower Upper

165 100

89 59.6 45.0 67.4

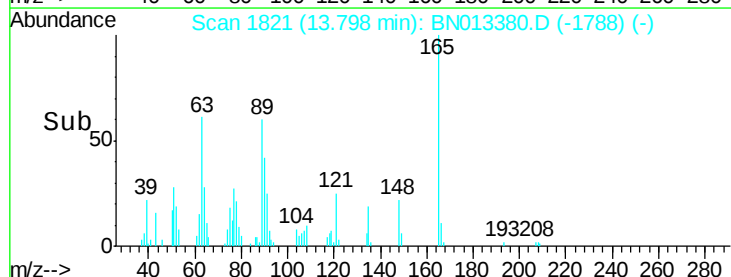
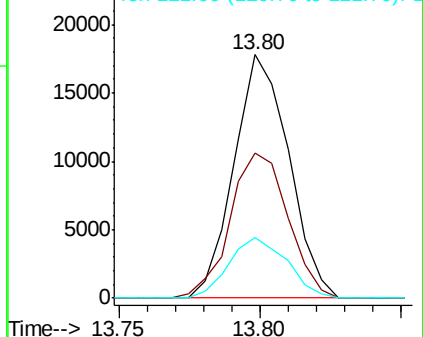
121 25.1 17.0 25.6

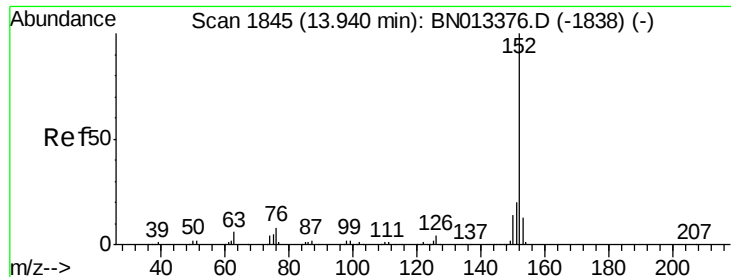


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNO

Ion 121.00 (120.70 to 121.70): E





#50

Acenaphthylene

Concen: 2.949 ng/ul

RT: 13.95 min Scan# 1846

Delta R.T. -0.00 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-05

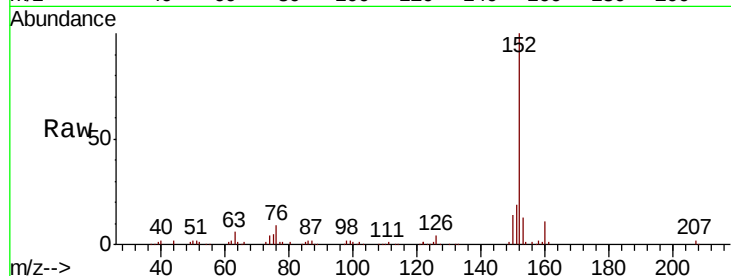
Tot Ion:152 Resp: 239846

Ion Ratio Lower Upper

152 100

151 19.2 15.8 23.6

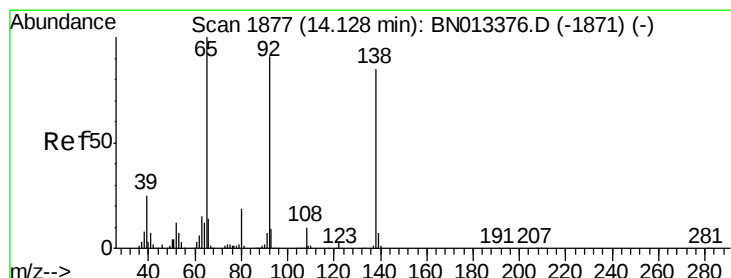
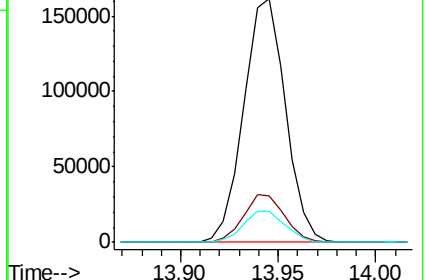
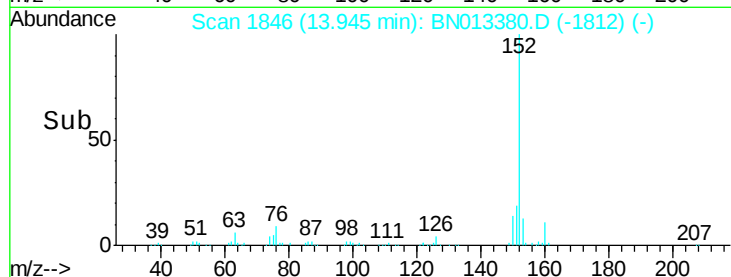
153 12.8 10.6 15.8



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: 2.202 ng/ul

RT: 14.12 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

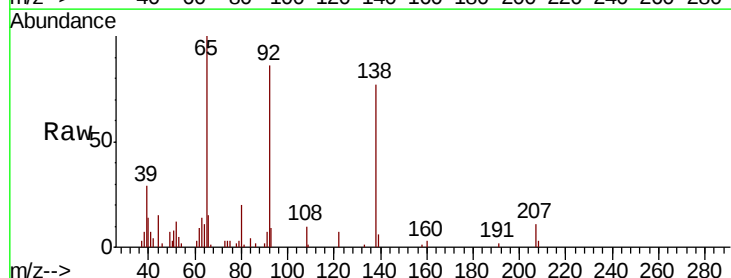
Tgt Ion:138 Resp: 25785

Ion Ratio Lower Upper

138 100

108 12.7 9.0 13.4

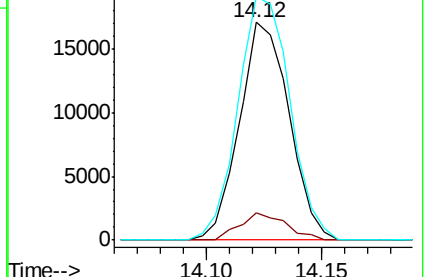
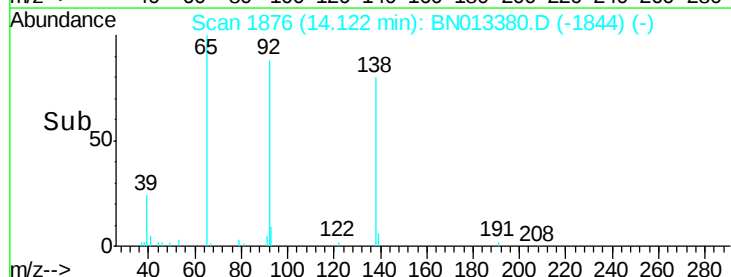
92 111.8 86.7 130.1

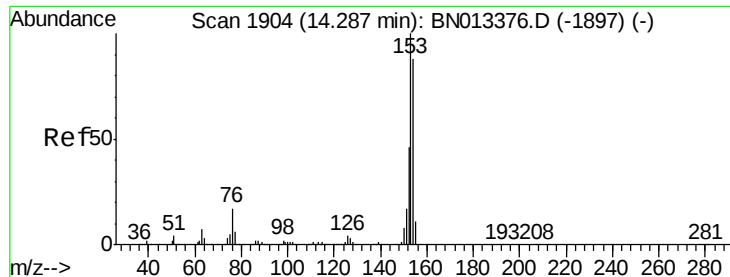


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC





#52

Acenaphthene

Concen: 2.893 ng/ul

RT: 14.29 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-05

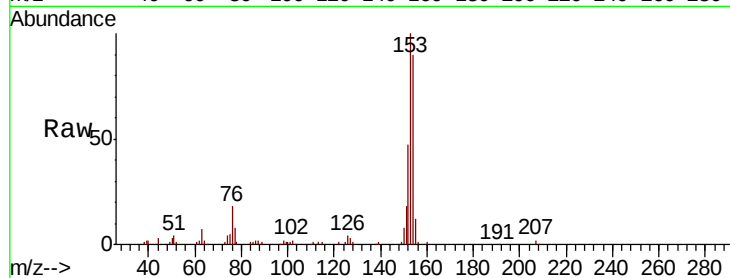
Tot Ion:153 Resp: 166037

Ion Ratio Lower Upper

153 100

152 46.8 37.4 56.2

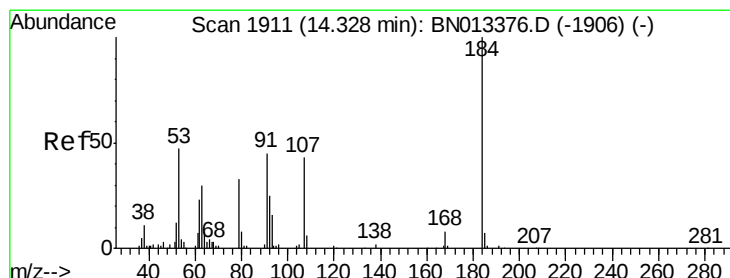
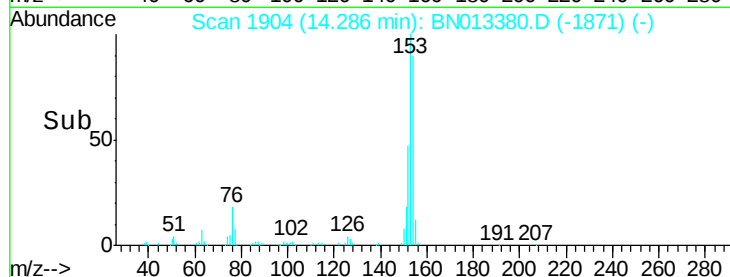
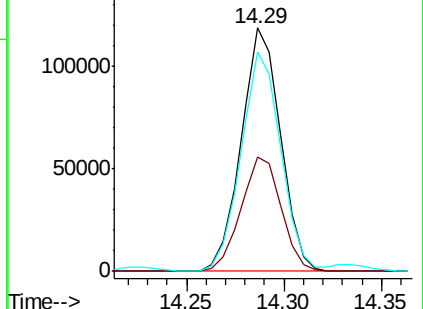
154 90.0 72.7 109.1



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: 1.360 ng/ul

RT: 14.33 min Scan# 1912

Delta R.T. -0.00 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

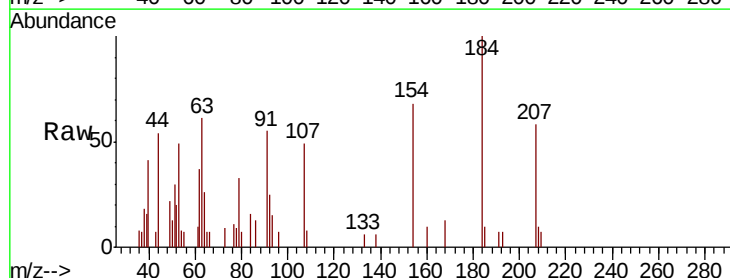
Tgt Ion:184 Resp: 7737

Ion Ratio Lower Upper

184 100

63 61.0 53.5 80.3

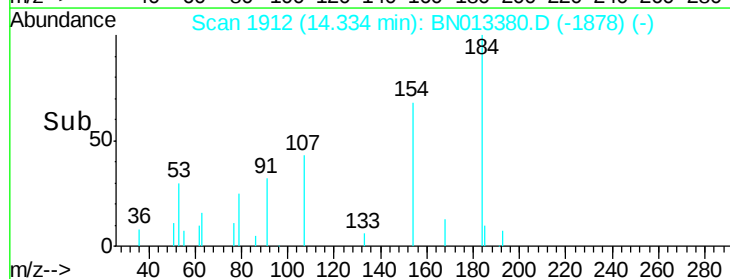
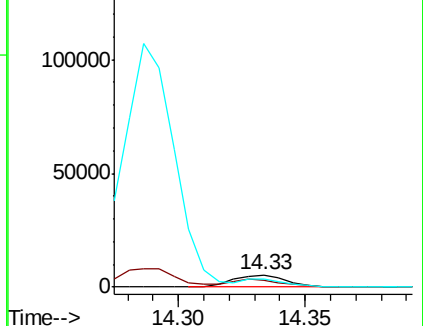
154 67.5 49.8 74.8

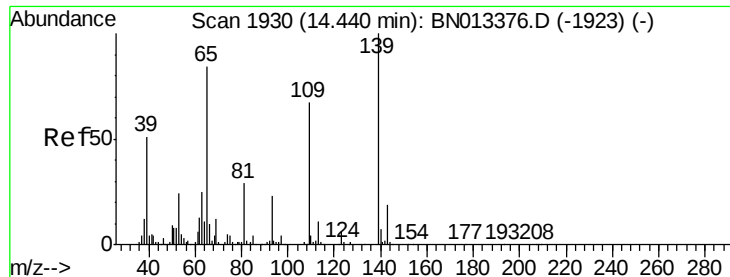


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BN0

Ion 154.00 (153.70 to 154.70): E





#55

4-Nitrophenol

Concen: 2.685 ng/ul

RT: 14.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-05

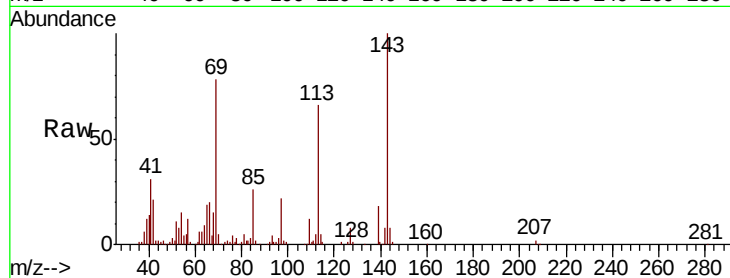
Tot Ion:109 Resp: 24088

Ion Ratio Lower Upper

109 100

139 143.7 115.7 173.5

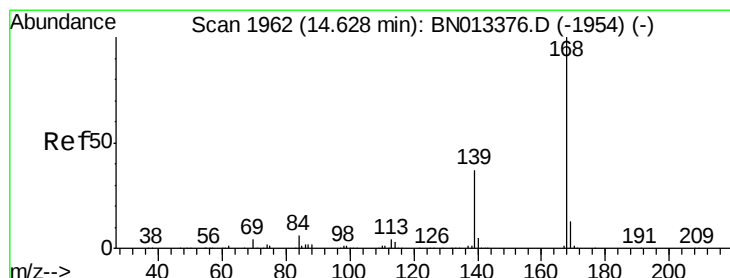
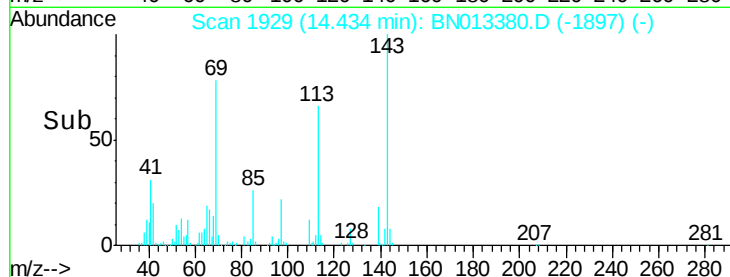
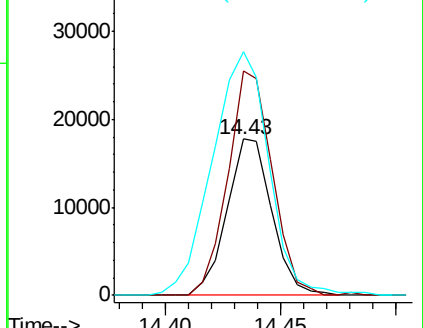
65 155.7 97.9 146.9#



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): BNC



#56

Dibenzofuran

Concen: 2.982 ng/ul

RT: 14.63 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BN013380.D

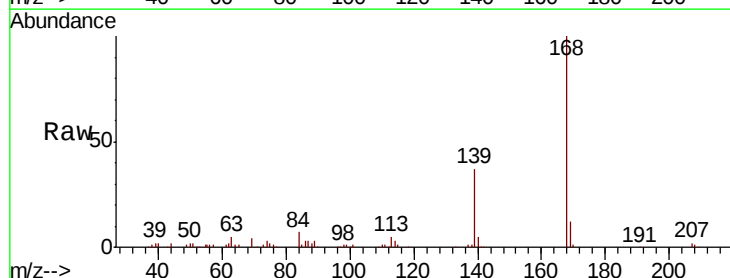
Acq: 11 Jan 2021 12:36

Tgt Ion:168 Resp: 234321

Ion Ratio Lower Upper

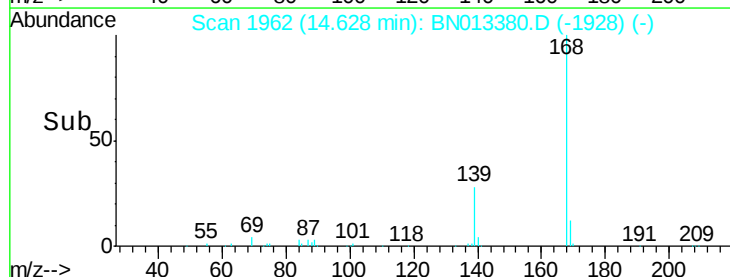
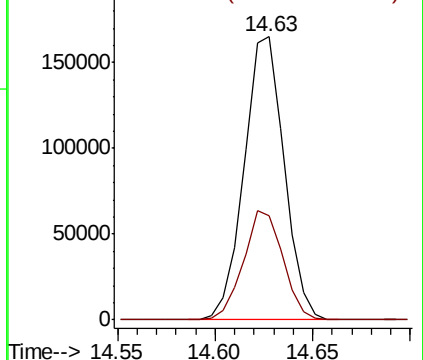
168 100

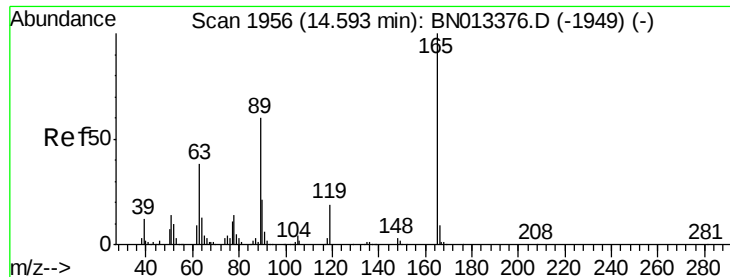
139 36.8 31.5 47.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

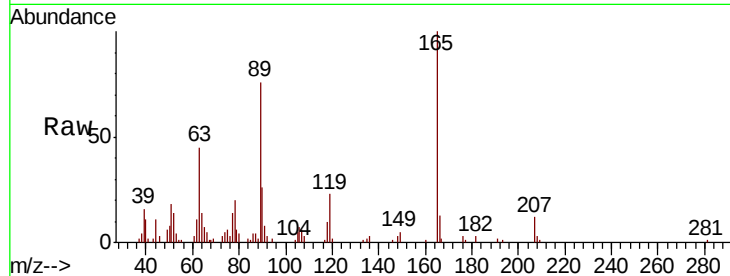




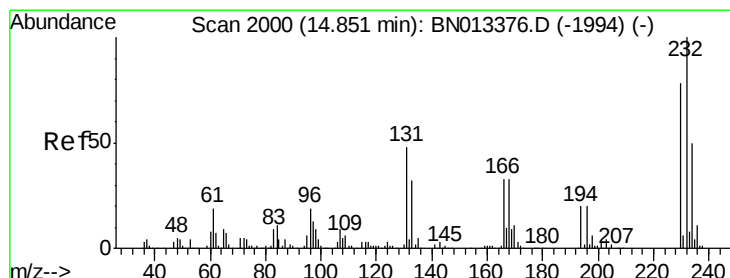
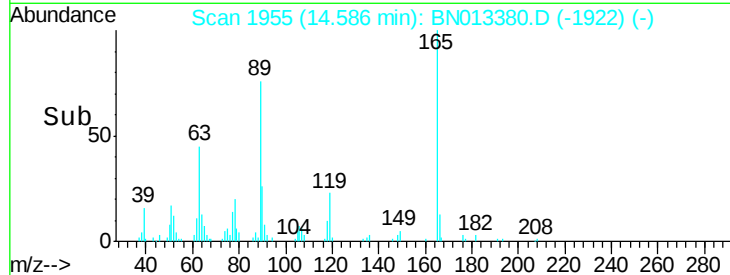
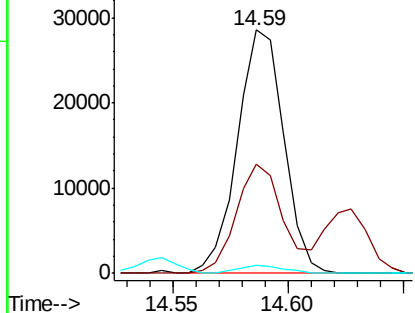
#57
 2,4-Dinitrotoluene
 Concen: 2.209 ng/ul
 RT: 14.59 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: BN013380.D
 Acq: 11 Jan 2021 12:36

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-05

Tot Ion:165 Resp: 39954
 Ion Ratio Lower Upper
 165 100
 63 44.9 32.6 48.8
 182 3.1 2.4 3.6

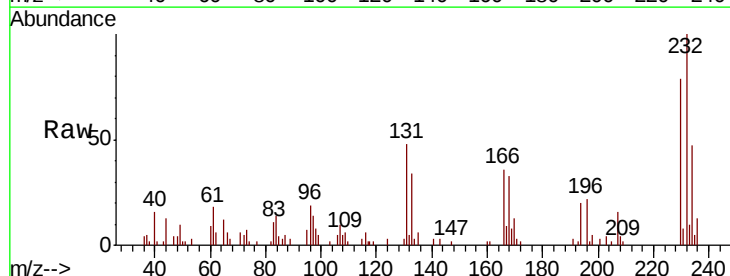


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNO
 Ion 182.00 (181.70 to 182.70): E

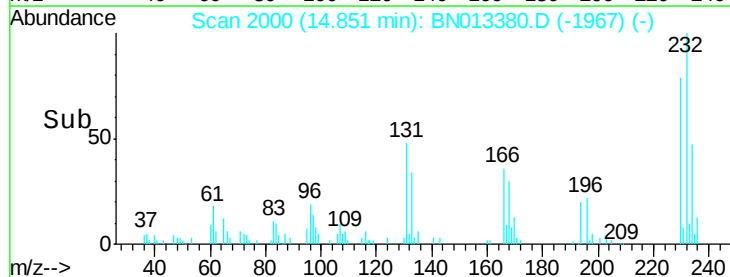
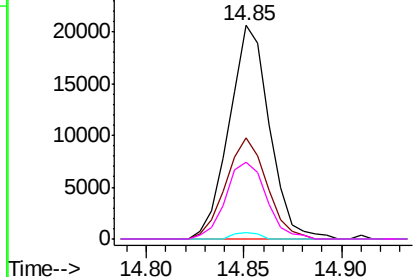


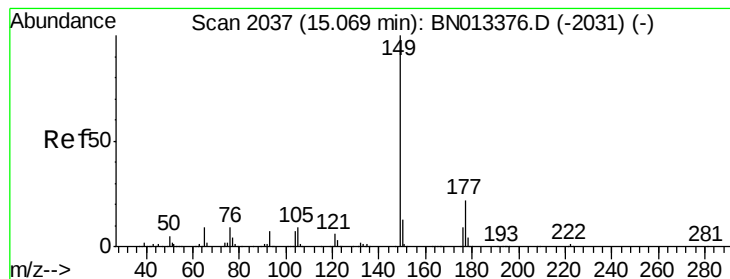
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 1.965 ng/ul
 RT: 14.85 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BN013380.D
 Acq: 11 Jan 2021 12:36

Tgt Ion:232 Resp: 29558
 Ion Ratio Lower Upper
 232 100
 131 47.6 37.5 56.3
 130 2.9 1.9 2.9#
 166 36.1 26.7 40.1



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 2.411 ng/ul

RT: 15.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-05

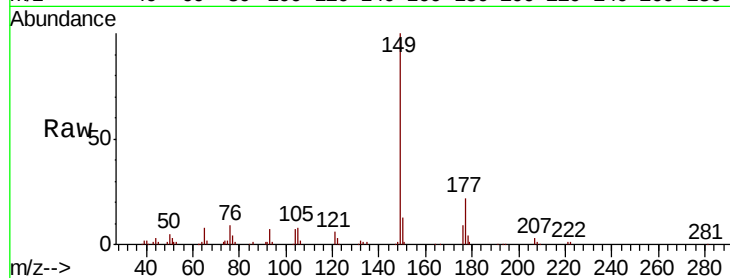
Tot Ion:149 Resp: 164020

Ion Ratio Lower Upper

149 100

177 22.2 17.1 25.7

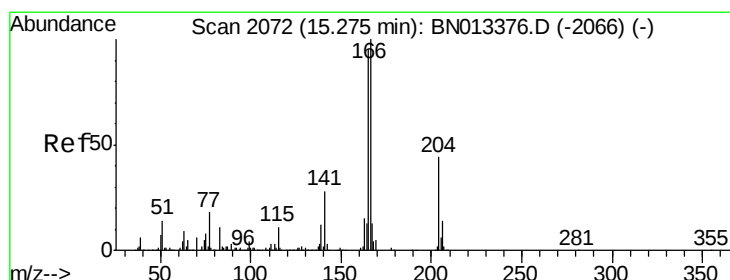
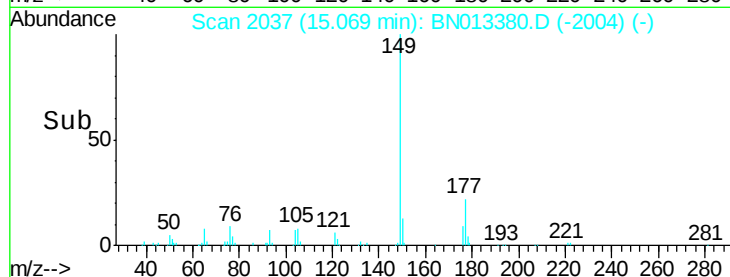
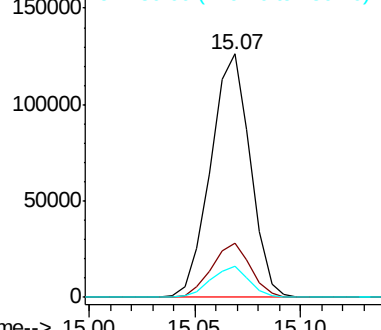
150 13.0 10.0 15.0



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: 3.037 ng/ul

RT: 15.27 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

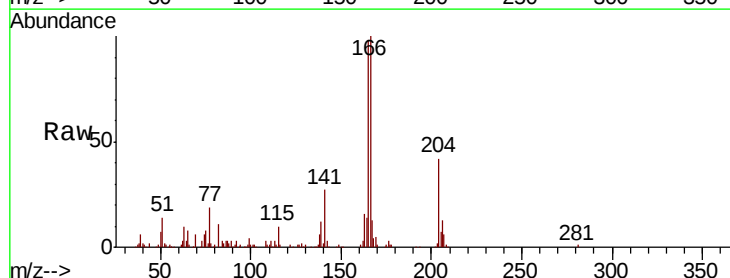
Tgt Ion:166 Resp: 193327

Ion Ratio Lower Upper

166 100

165 98.2 78.3 117.5

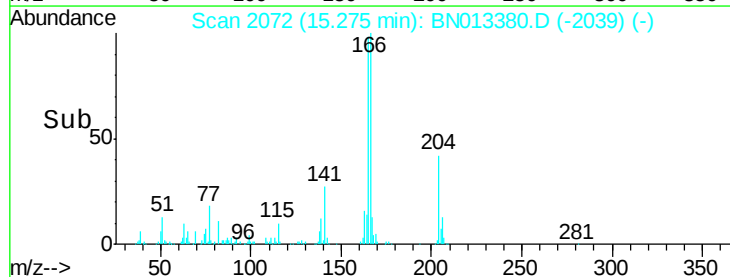
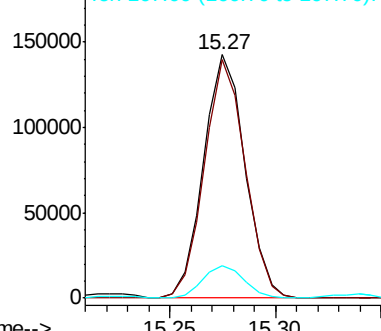
167 13.3 10.8 16.2

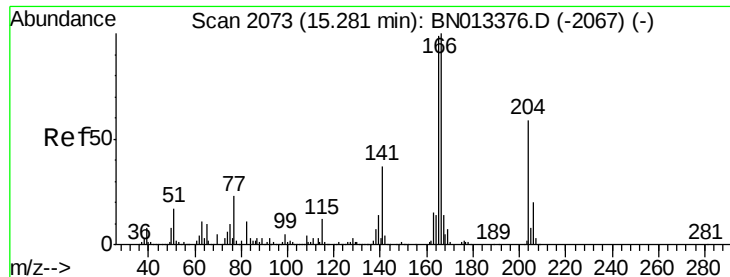


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#62

4-Chlorophenyl-phenylether

Concen: 3.086 ng/ul

RT: 15.28 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-05

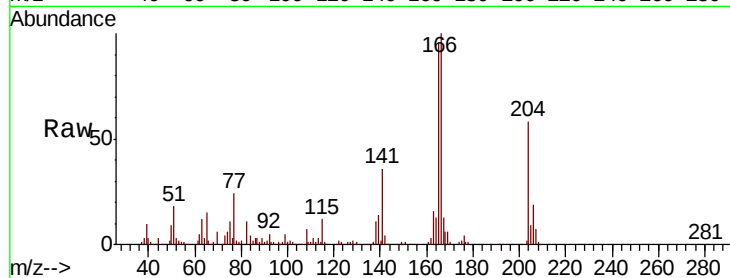
Tot Ion:204 Resp: 94703

Ion Ratio Lower Upper

204 100

206 32.8 27.6 41.4

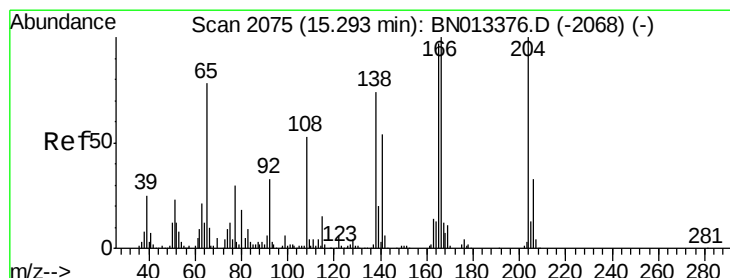
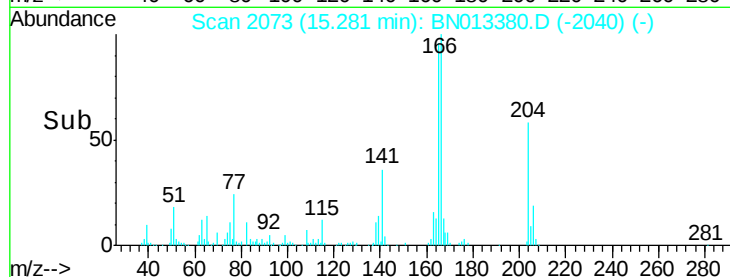
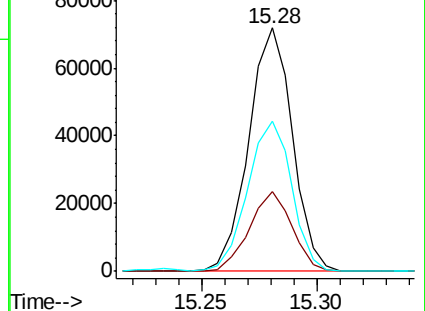
141 61.7 50.6 76.0



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: 2.629 ng/ul

RT: 15.29 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

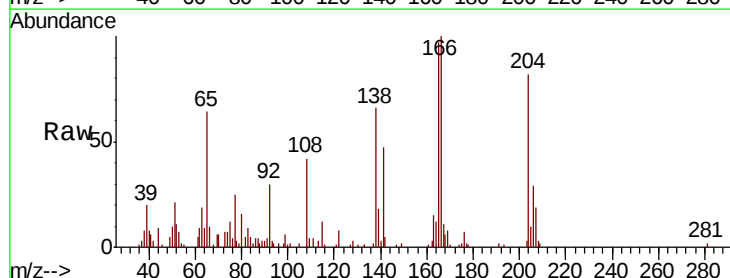
Tgt Ion:138 Resp: 28908

Ion Ratio Lower Upper

138 100

92 45.2 38.1 57.1

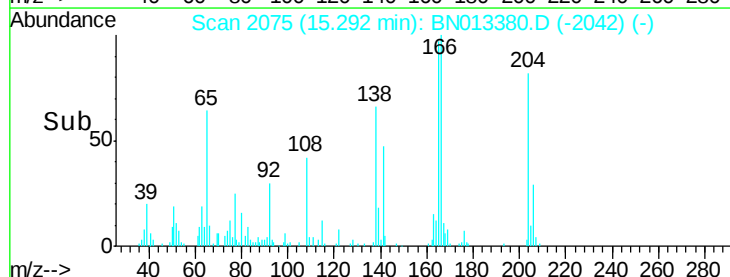
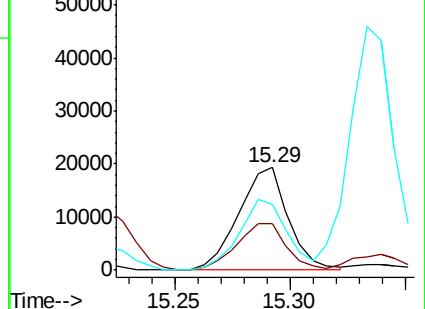
108 63.6 56.5 84.7

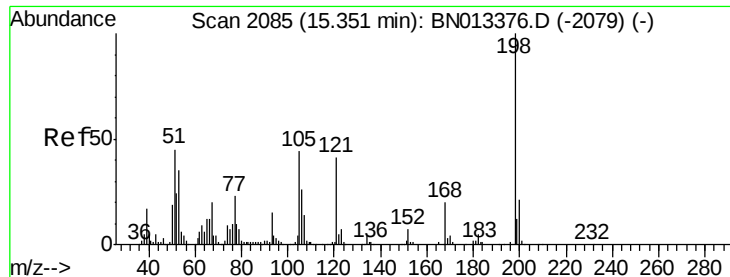


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BNO

Ion 108.00 (107.70 to 108.70): E

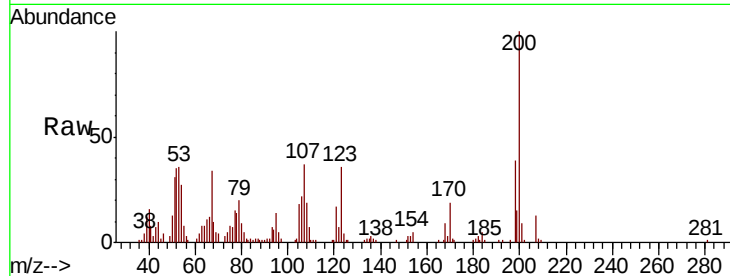




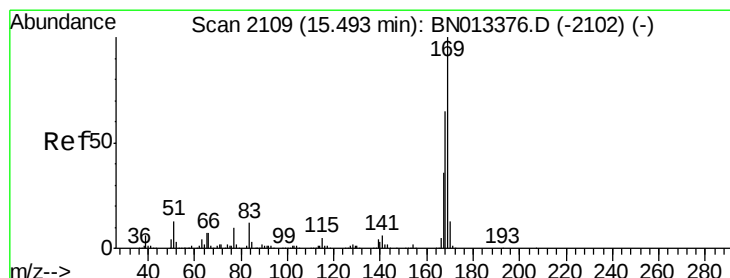
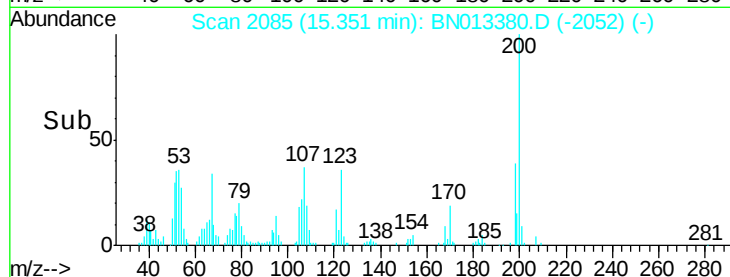
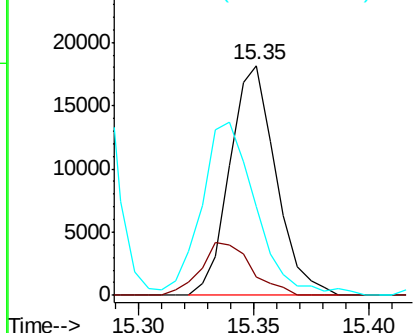
#66
 4,6-Dinitro-2-methylphenol
 Concen: 2.694 ng/ul
 RT: 15.35 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BN013380.D
 Acq: 11 Jan 2021 12:36

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-05

Tot Ion:198 Resp: 25360
 Ion Ratio Lower Upper
 198 100
 182 8.2 3.8 5.6#
 77 38.6 17.6 26.4#

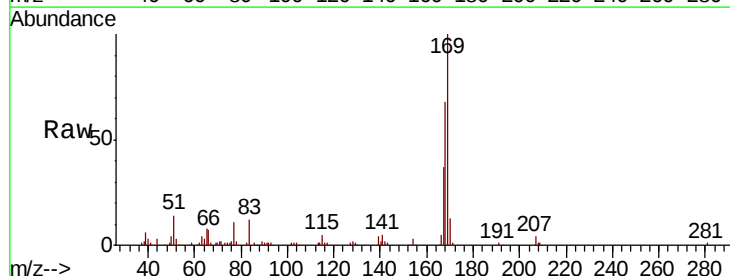


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BNC

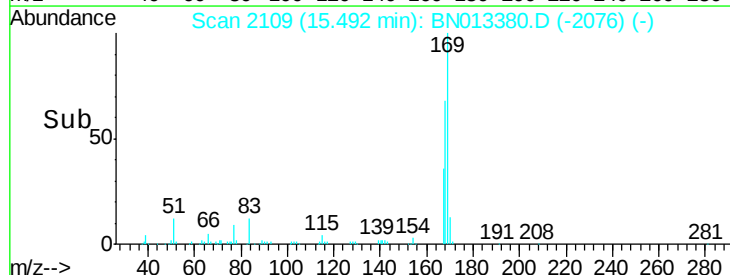
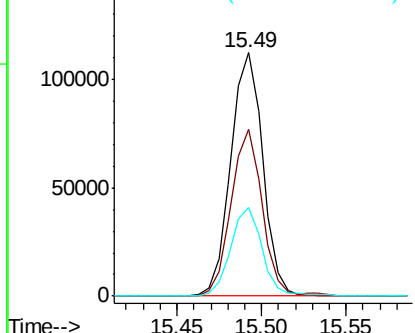


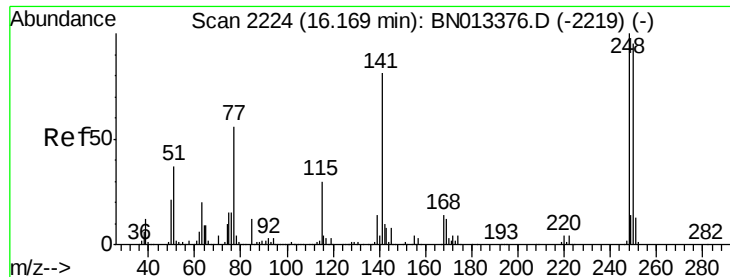
#67
 N-Nitrosodiphenylamine
 Concen: 2.743 ng/ul
 RT: 15.49 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BN013380.D
 Acq: 11 Jan 2021 12:36

Tgt Ion:169 Resp: 148531
 Ion Ratio Lower Upper
 169 100
 168 68.4 51.7 77.5
 167 36.5 27.8 41.6



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

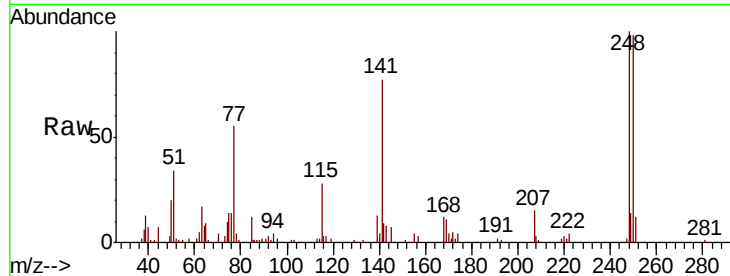




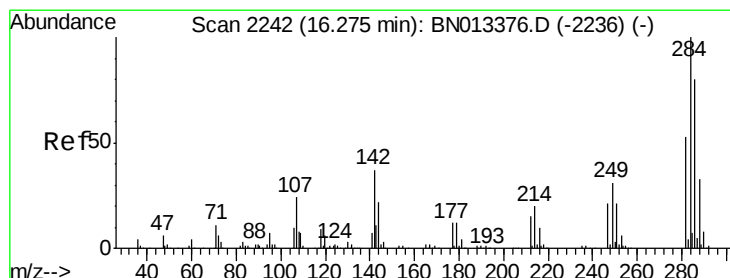
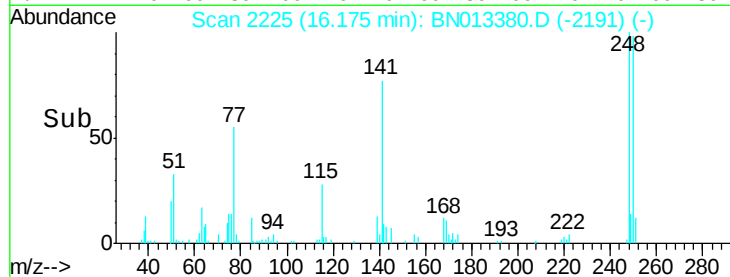
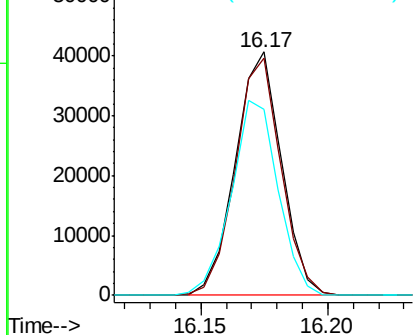
#68
4-Bromophenyl-phenylether
Concen: 2.721 ng/ul
RT: 16.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BN013380.D
Acq: 11 Jan 2021 12:36

Instrument :
BNA_N
ClientSampled :
MDL-SOIL-05

Tot Ion:248 Resp: 51468
Ion Ratio Lower Upper
248 100
250 97.6 75.8 113.6
141 76.6 64.4 96.6

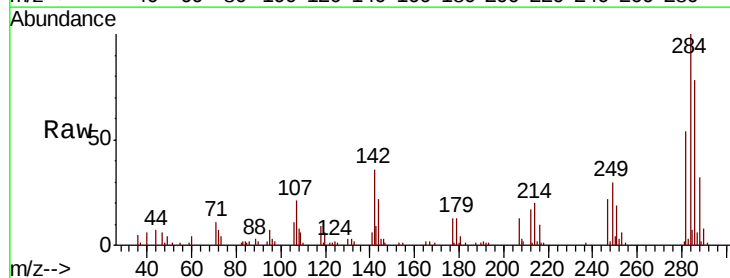


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

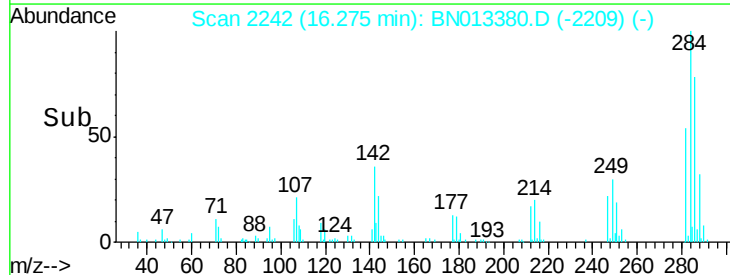
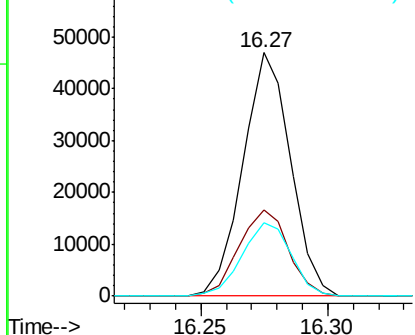


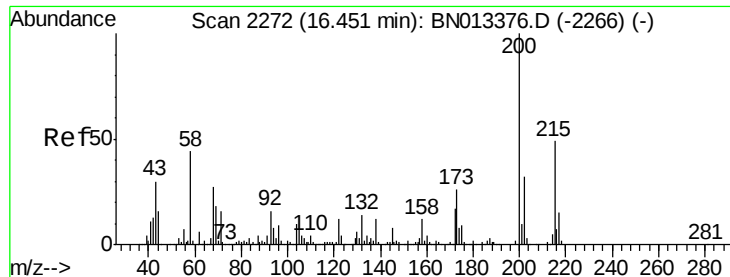
#69
Hexachlorobenzene
Concen: 2.875 ng/ul
RT: 16.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BN013380.D
Acq: 11 Jan 2021 12:36

Tgt Ion:284 Resp: 61659
Ion Ratio Lower Upper
284 100
142 35.5 29.3 43.9
249 30.4 25.8 38.6



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: 2.023 ng/ul

RT: 16.45 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-05

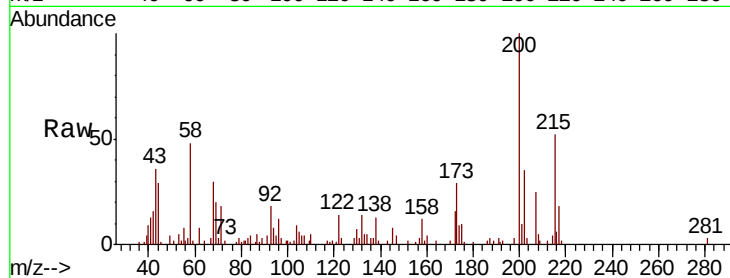
Tot Ion:200 Resp: 37425

Ion Ratio Lower Upper

200 100

173 28.6 21.8 32.6

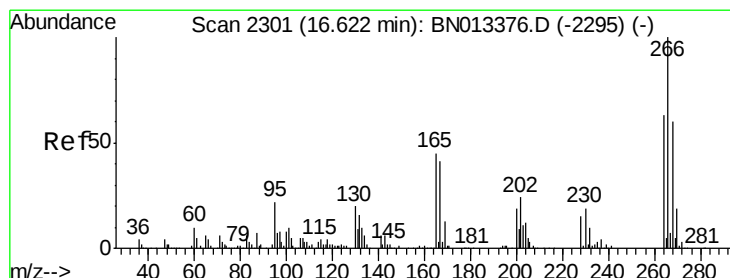
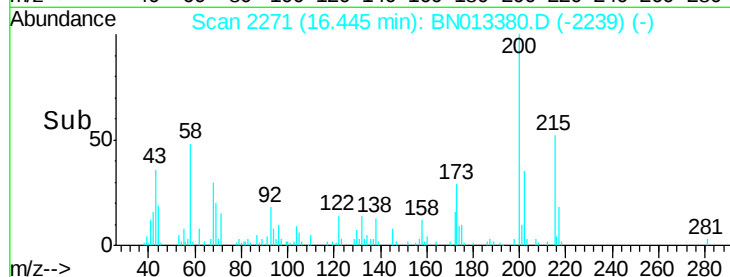
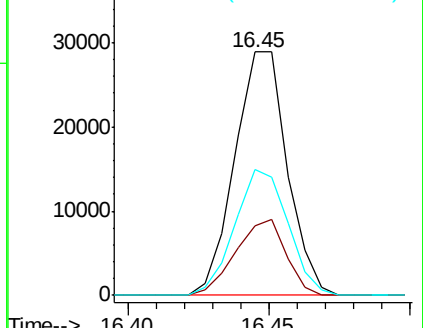
215 51.5 38.8 58.2



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: 1.616 ng/ul

RT: 16.62 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

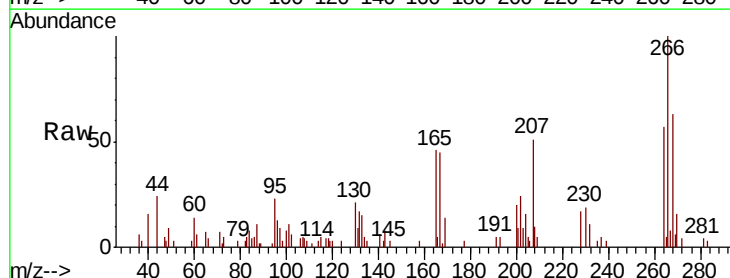
Tgt Ion:266 Resp: 19328

Ion Ratio Lower Upper

266 100

264 57.2 48.6 72.8

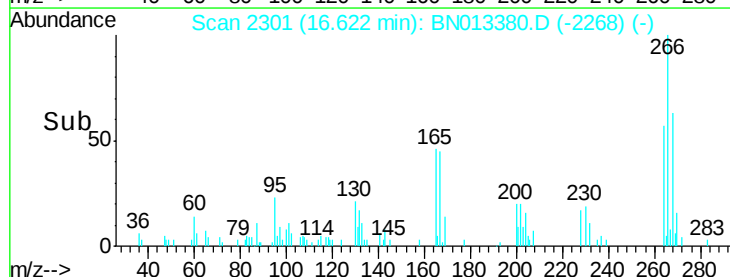
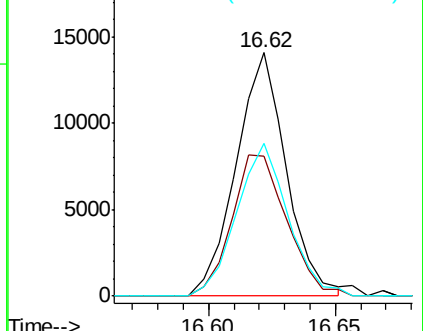
268 62.9 50.2 75.2

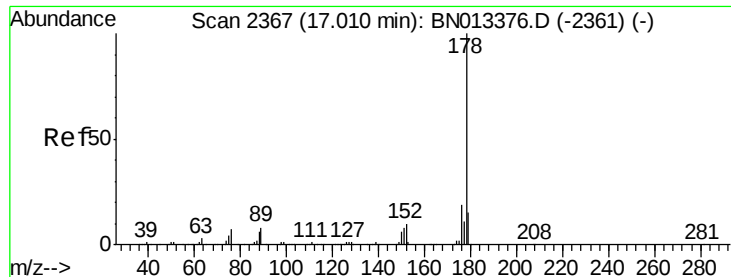


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#72

Phenanthrene

Concen: 3.046 ng/ul

RT: 17.01 min Scan# 2367

Delta R.T. -0.01 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-05

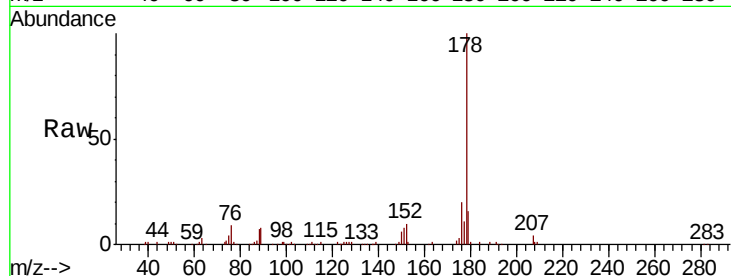
Tot Ion:178 Resp: 303775

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.4

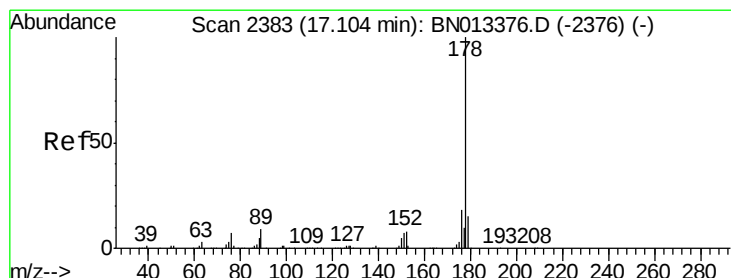
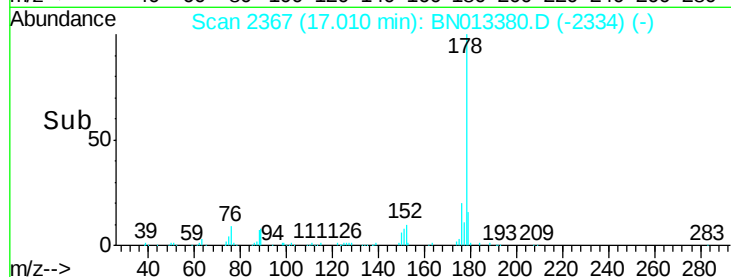
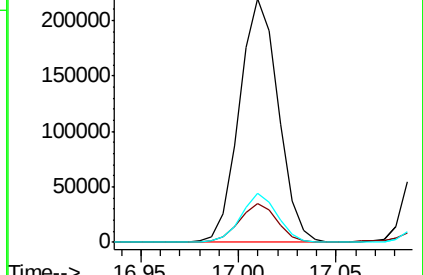
176 19.9 15.3 22.9



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



#74

Anthracene

Concen: 3.063 ng/ul

RT: 17.10 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

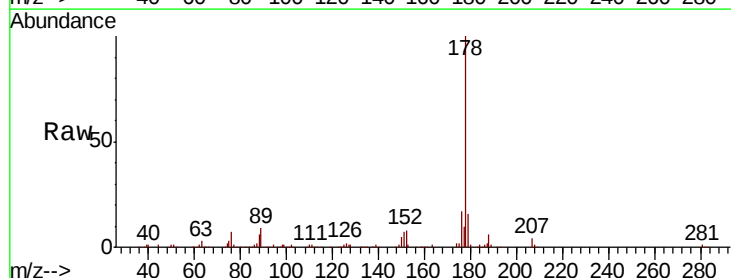
Tgt Ion:178 Resp: 311768

Ion Ratio Lower Upper

178 100

179 15.8 12.1 18.1

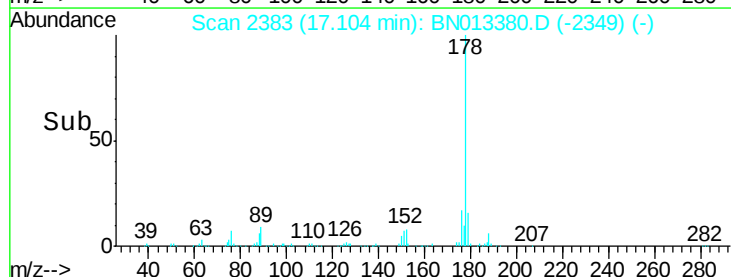
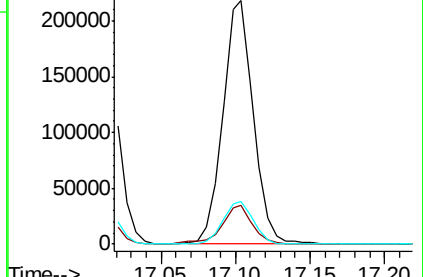
176 17.4 14.6 21.8

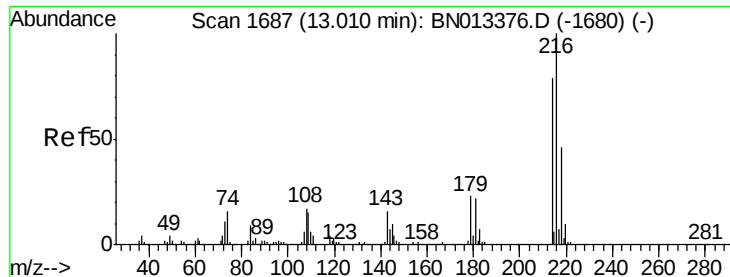


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.041 ng/uL

RT: 13.02 min Scan# 1688

Delta R.T. -0.00 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-05

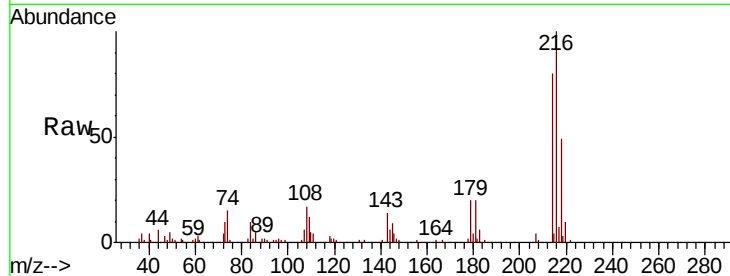
Tot Ion:216 Resp: 75759

Ion Ratio Lower Upper

216 100

214 79.6 59.4 89.0

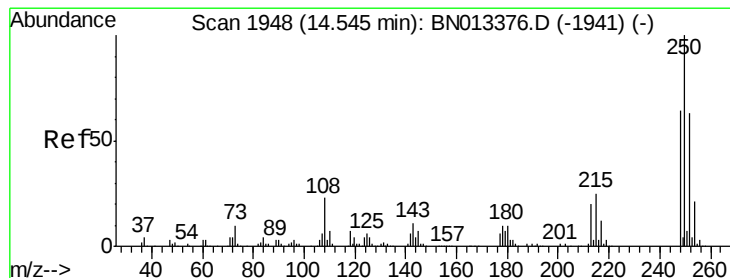
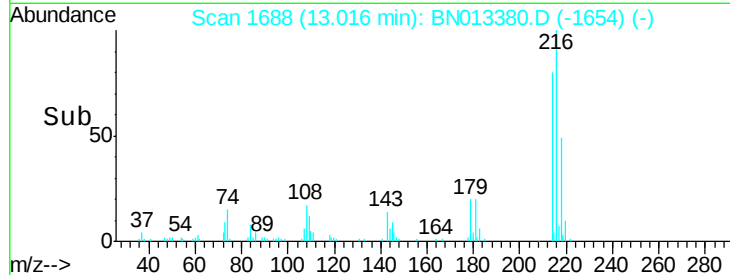
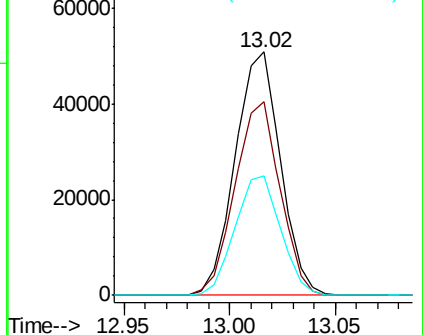
218 49.1 38.1 57.1



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: 3.055 ng/uL

RT: 14.55 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

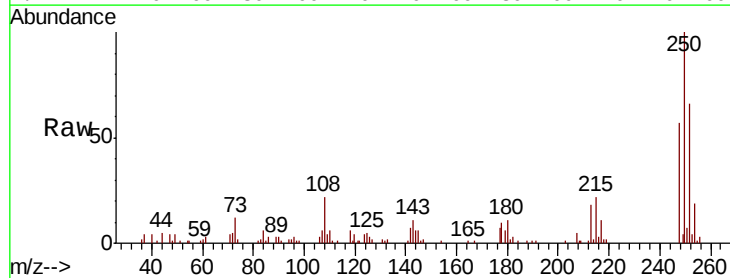
Tgt Ion:250 Resp: 75946

Ion Ratio Lower Upper

250 100

248 57.1 50.6 75.8

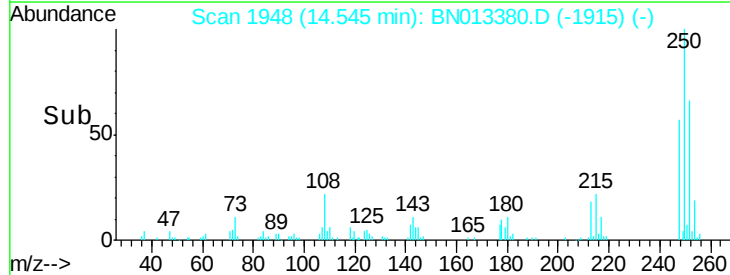
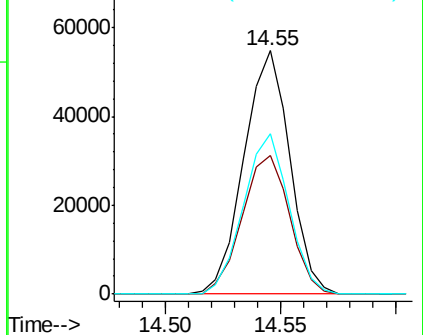
252 66.0 50.8 76.2

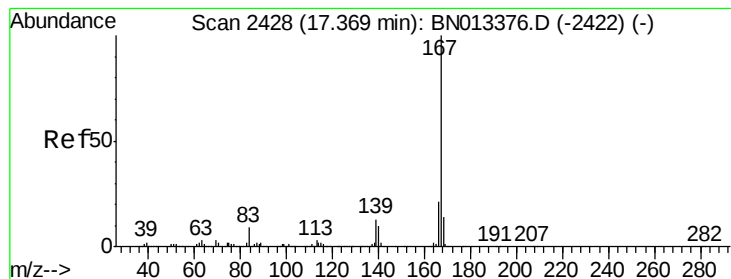


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#77

Carbazole

Concen: 2.796 ng/ul

RT: 17.37 min Scan# 2428

Delta R.T. -0.01 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-05

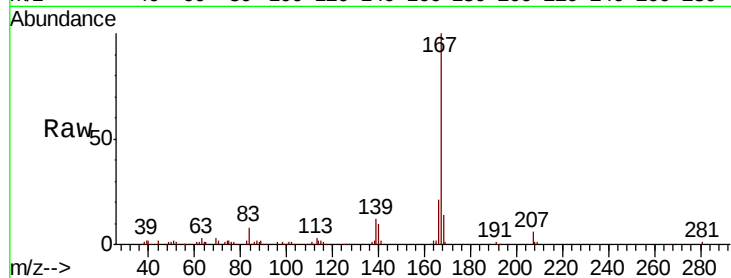
Tot Ion:167 Resp: 230981

Ion Ratio Lower Upper

167 100

166 21.4 17.6 26.4

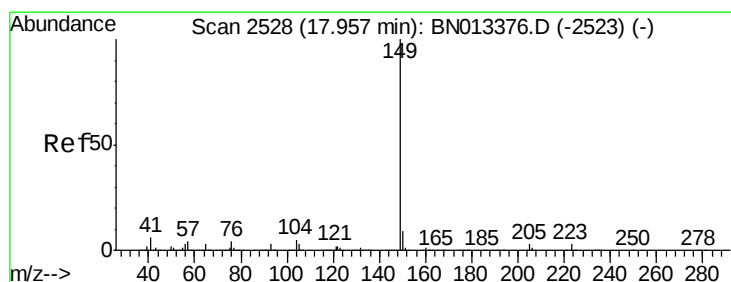
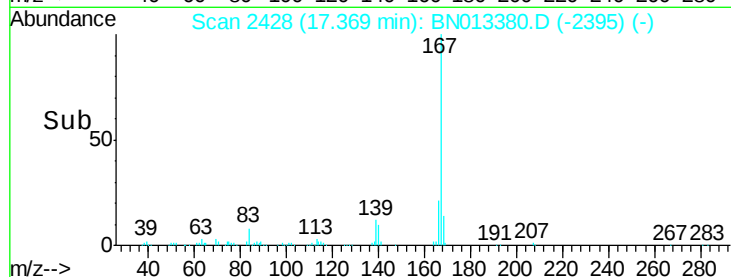
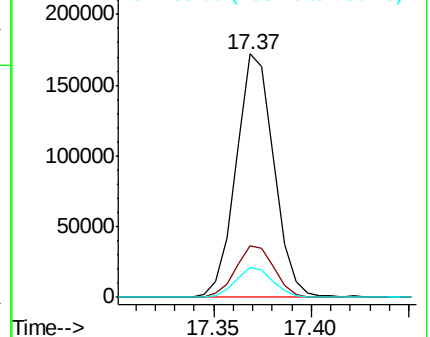
139 12.4 10.3 15.5



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: 1.877 ng/ul

RT: 17.96 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

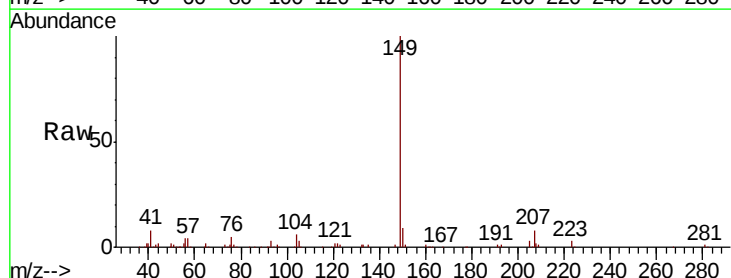
Tgt Ion:149 Resp: 211340

Ion Ratio Lower Upper

149 100

150 9.5 7.2 10.8

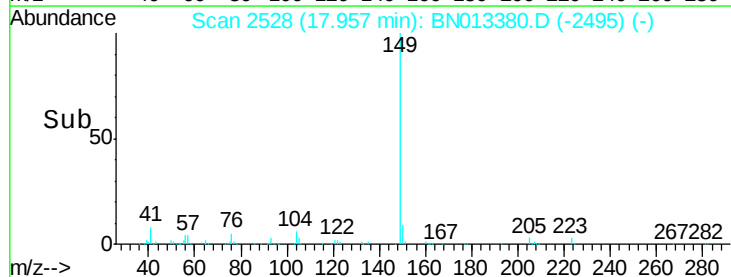
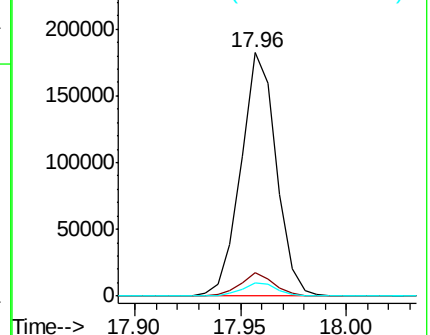
104 5.7 3.8 5.6#

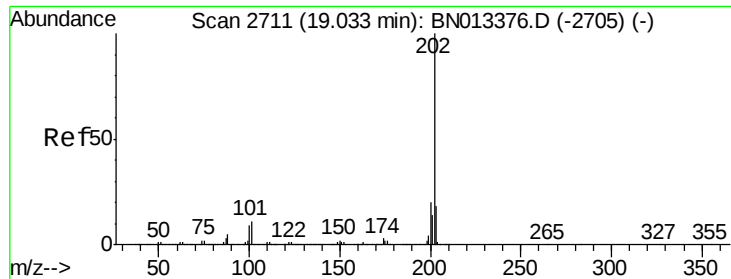


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

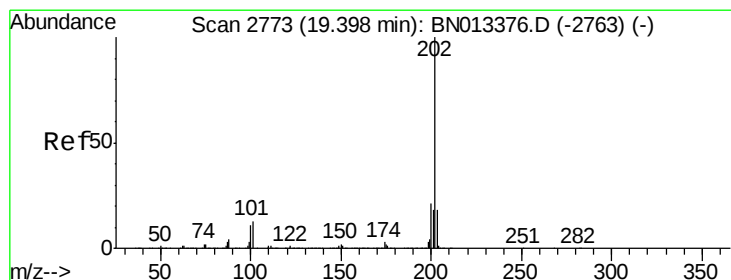
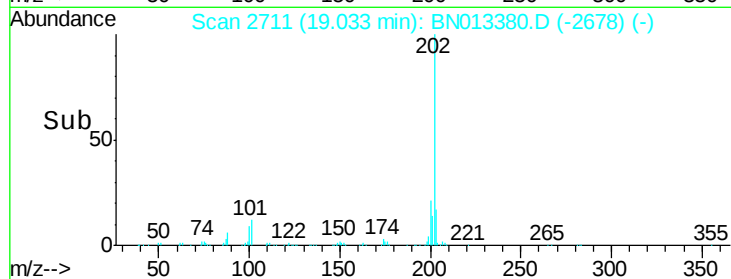
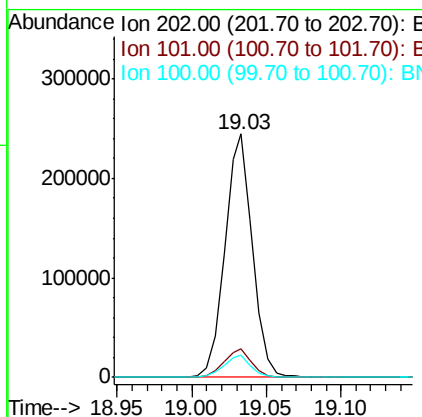
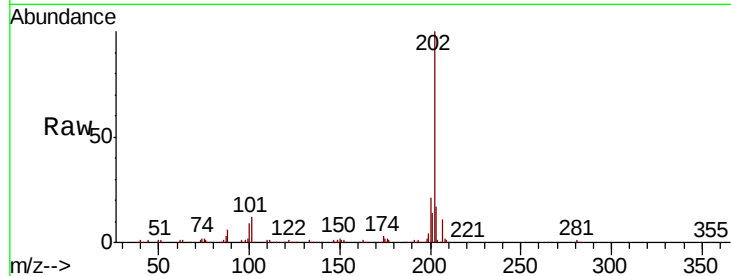




#80
 Fluoranthene
 Concen: 2.659 ng/ul
 RT: 19.03 min Scan# 2711
 Delta R.T. -0.01 min
 Lab File: BN013380.D
 Acq: 11 Jan 2021 12:36

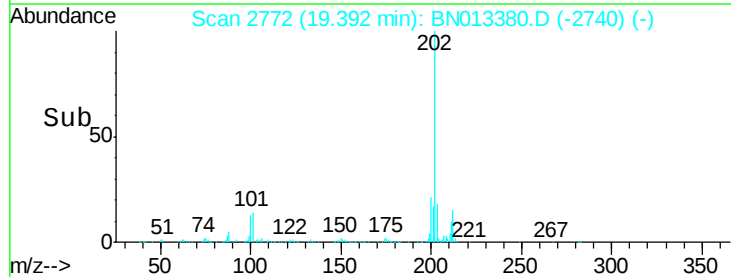
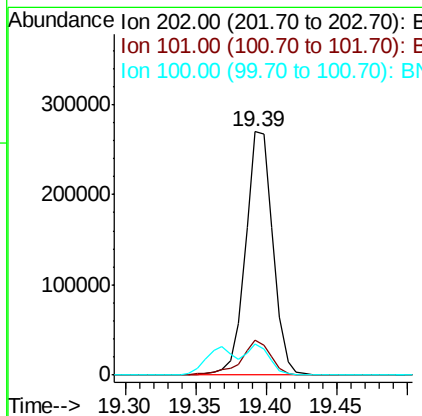
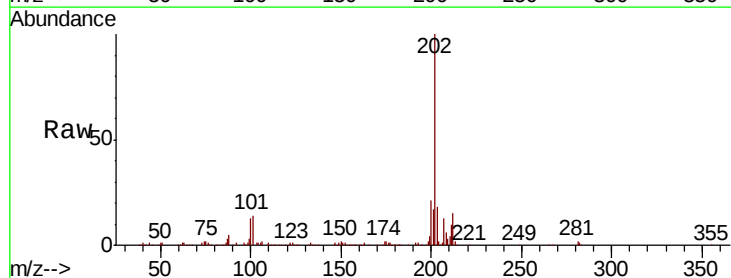
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-05

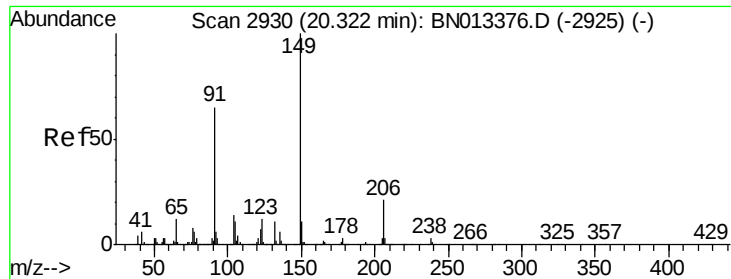
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.0	13.6
100	9.0	6.8	10.2



#82
 Pyrene
 Concen: 3.003 ng/ul
 RT: 19.39 min Scan# 2772
 Delta R.T. -0.01 min
 Lab File: BN013380.D
 Acq: 11 Jan 2021 12:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.4	10.9	16.3
100	12.6	9.2	13.8

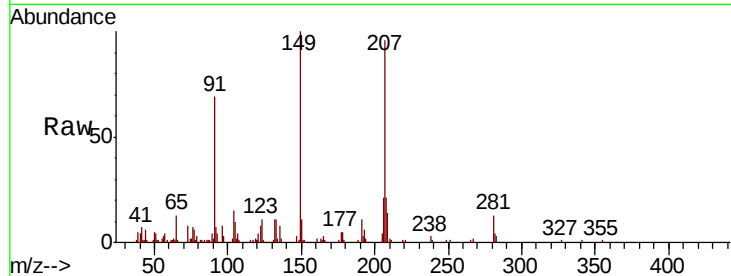




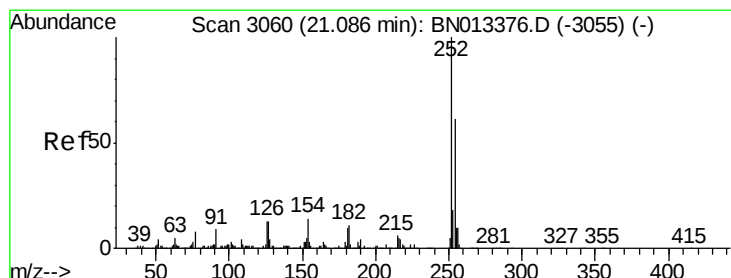
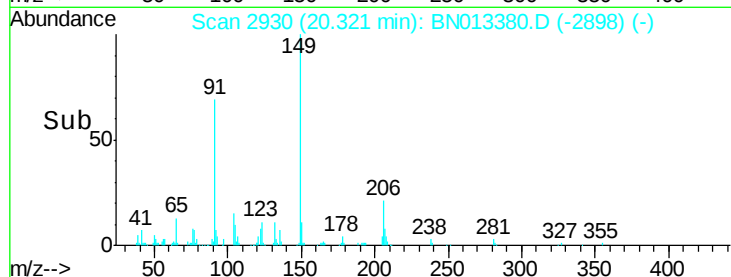
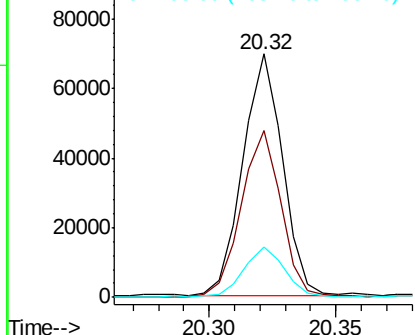
#83
Butylbenzylphthalate
Concen: 1.458 ng/ul
RT: 20.32 min Scan# 2930
Delta R.T. -0.01 min
Lab File: BN013380.D
Acq: 11 Jan 2021 12:36

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-05

Tot Ion:149 Resp: 76091
Ion Ratio Lower Upper
149 100
91 68.7 50.2 75.4
206 20.9 17.0 25.6

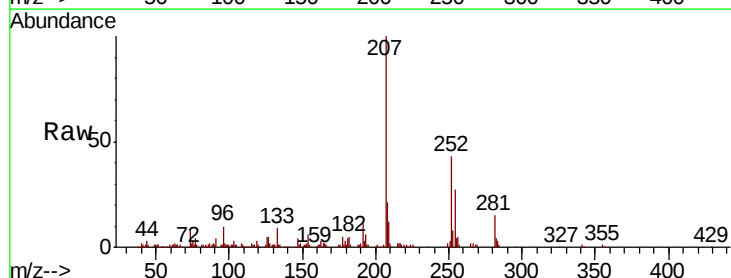


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BN0
Ion 206.00 (205.70 to 206.70): E

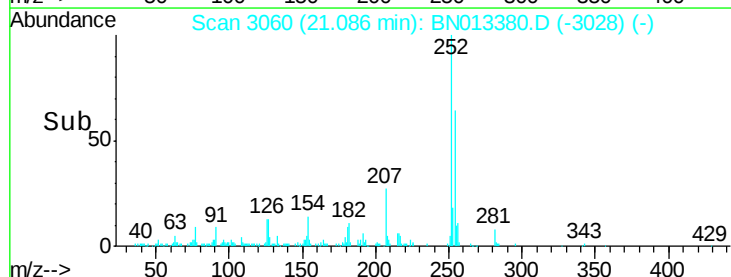
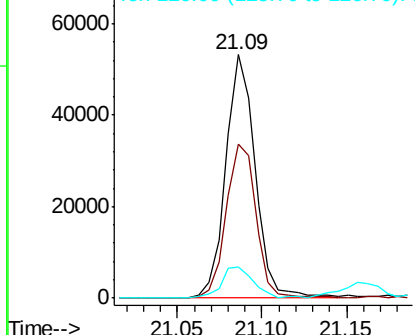


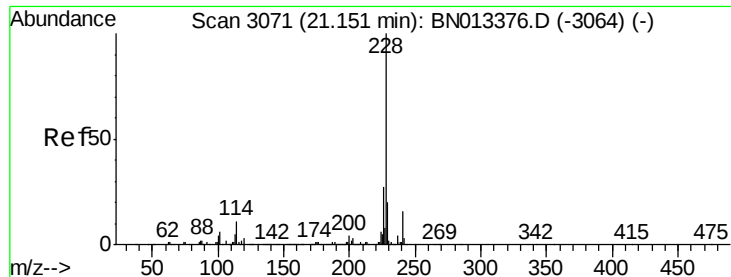
#84
3,3'-Dichlorobenzidine
Concen: 1.992 ng/ul
RT: 21.09 min Scan# 3060
Delta R.T. -0.01 min
Lab File: BN013380.D
Acq: 11 Jan 2021 12:36

Tgt Ion:252 Resp: 64758
Ion Ratio Lower Upper
252 100
254 63.5 51.7 77.5
126 12.8 10.2 15.2



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





#85

Benzo(a)anthracene

Concen: 2.787 ng/ul

RT: 21.14 min Scan# 3070

Delta R.T. -0.01 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-05

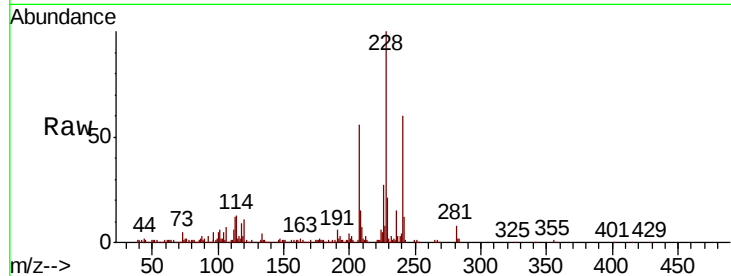
Tot Ion:228 Resp: 316298

Ion Ratio Lower Upper

228 100

229 20.9 15.5 23.3

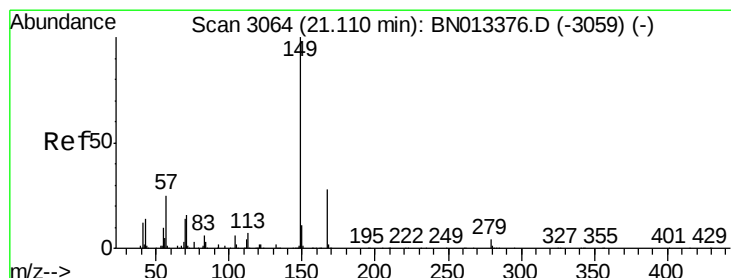
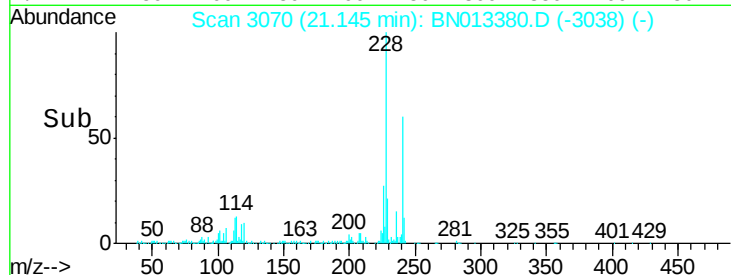
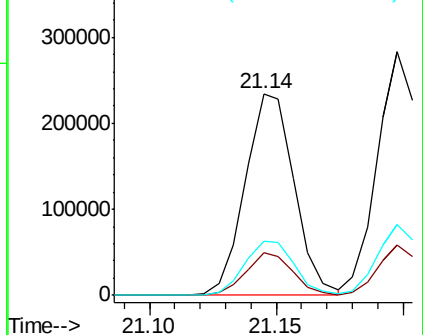
226 27.0 21.4 32.0



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: 1.533 ng/ul

RT: 21.11 min Scan# 3064

Delta R.T. -0.01 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

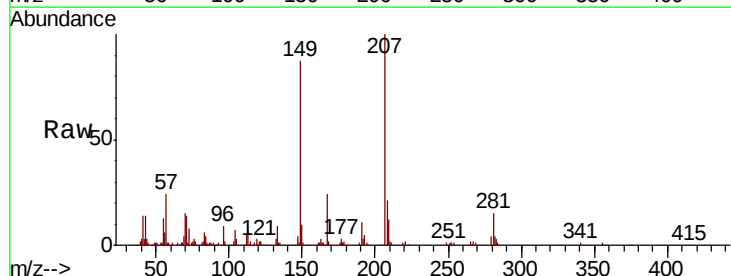
Tgt Ion:149 Resp: 118564

Ion Ratio Lower Upper

149 100

167 27.3 22.0 33.0

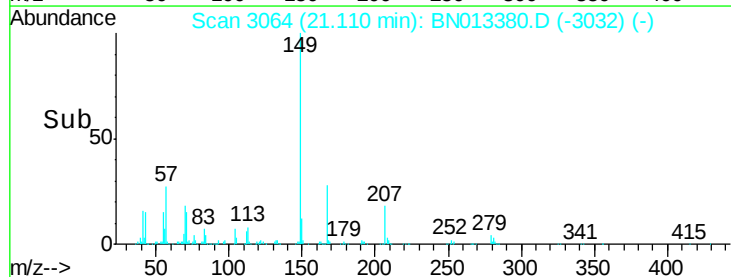
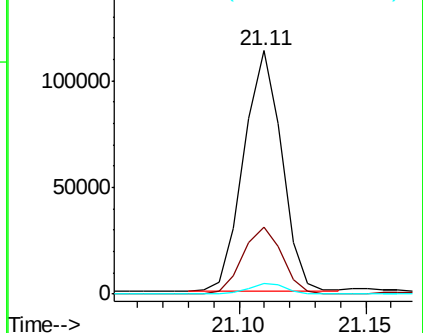
279 4.1 3.2 4.8

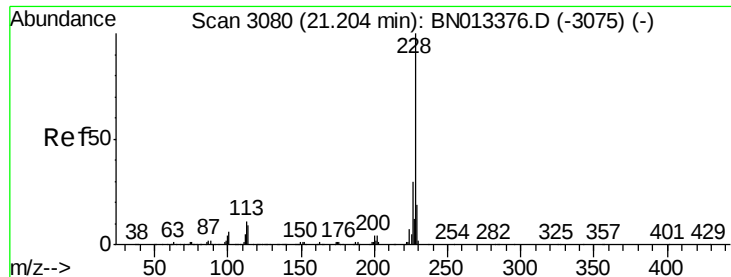


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

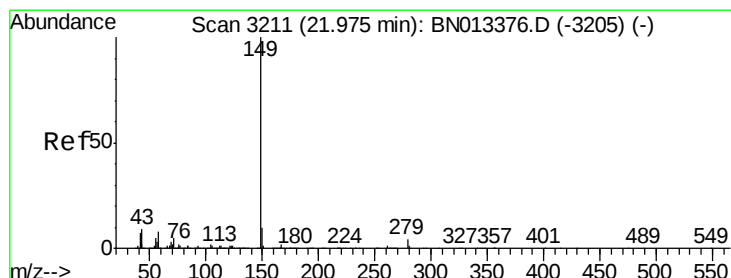
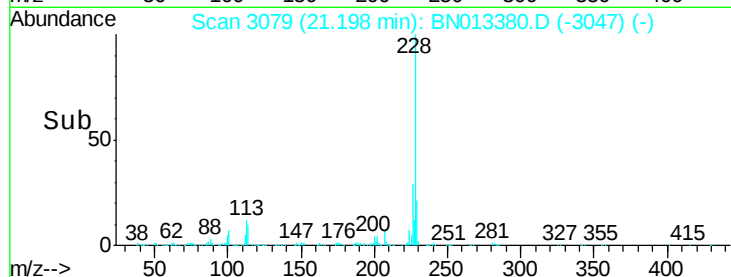
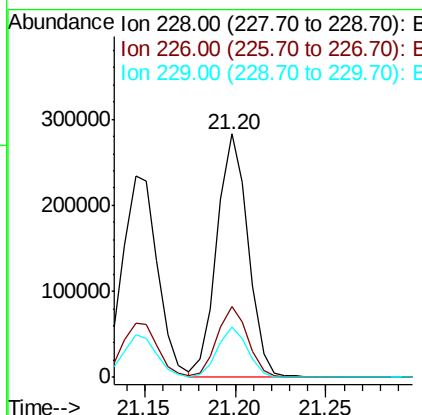
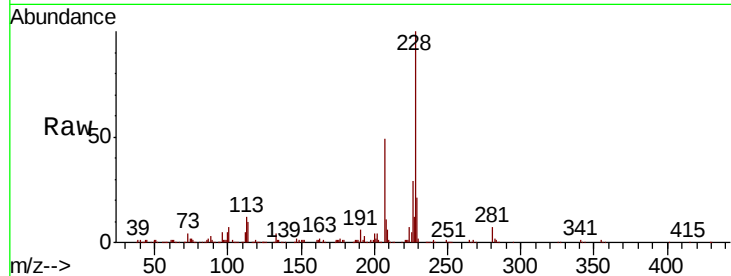




#87
Chrysene
Concen: 3.062 ng/ul
RT: 21.20 min Scan# 3079
Delta R.T. -0.01 min
Lab File: BN013380.D
Acq: 11 Jan 2021 12:36

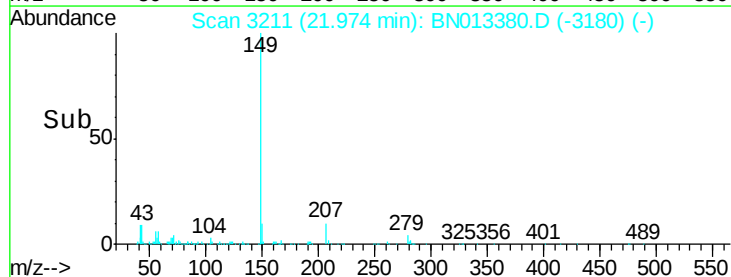
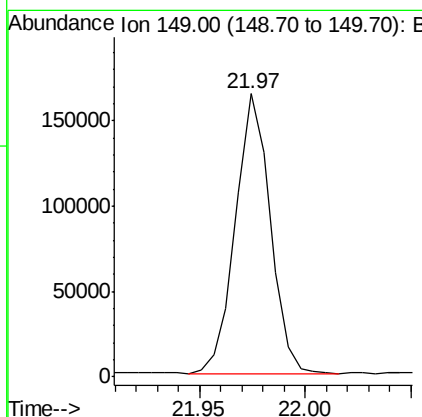
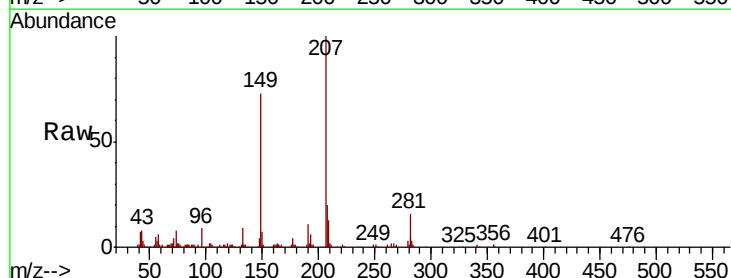
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-05

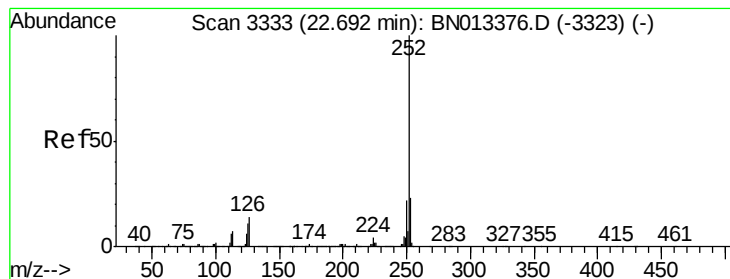
Tot Ion:228 Resp: 340193
Ion Ratio Lower Upper
228 100
226 29.2 23.1 34.7
229 20.9 15.4 23.0



#89
Di-n-octyl phthalate
Concen: 1.727 ng/ul
RT: 21.97 min Scan# 3211
Delta R.T. -0.02 min
Lab File: BN013380.D
Acq: 11 Jan 2021 12:36

Tgt Ion:149 Resp: 186871





#90

Benzo(b)fluoranthene

Concen: 2.954 ng/ul

RT: 22.69 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-05

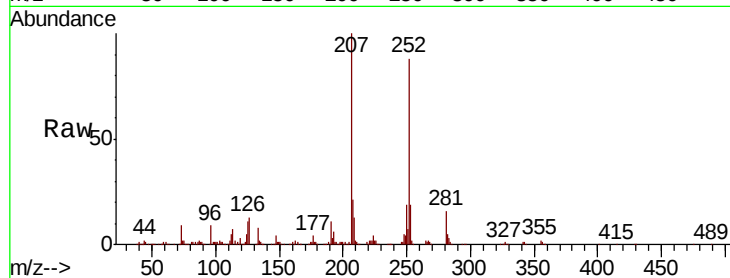
Tot Ion:252 Resp: 327712

Ion Ratio Lower Upper

252 100

253 21.4 18.2 27.2

125 12.1 8.9 13.3

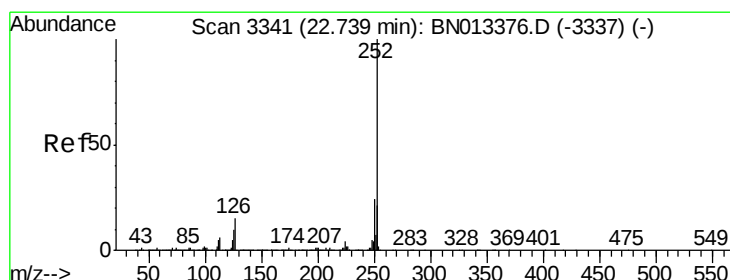
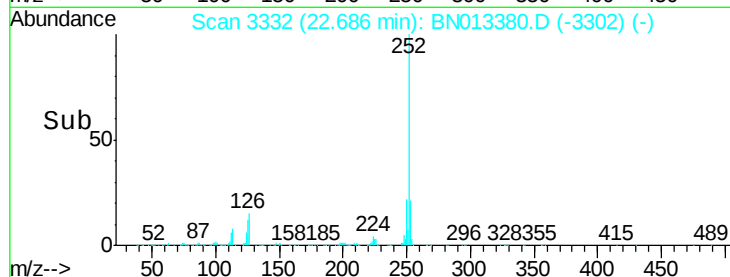
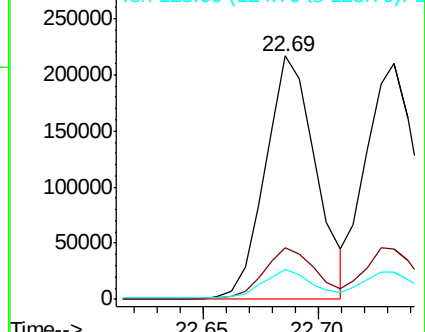


Abundance

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



#91

Benzo(k)fluoranthene

Concen: 3.057 ng/ul

RT: 22.73 min Scan# 3340

Delta R.T. -0.02 min

Lab File: BN013380.D

Acq: 11 Jan 2021 12:36

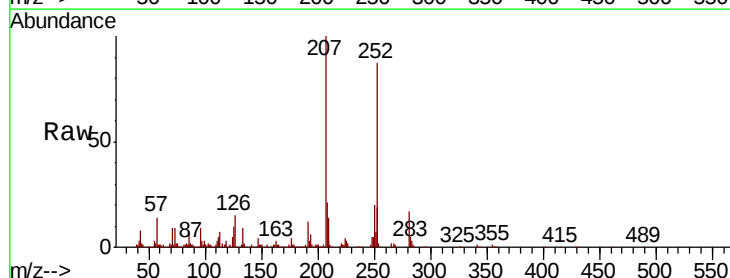
Tgt Ion:252 Resp: 323024

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

125 11.5 9.0 13.6

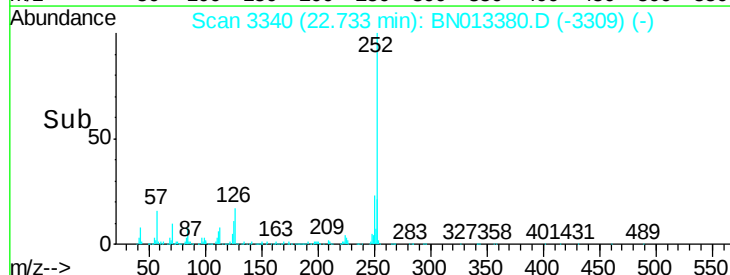
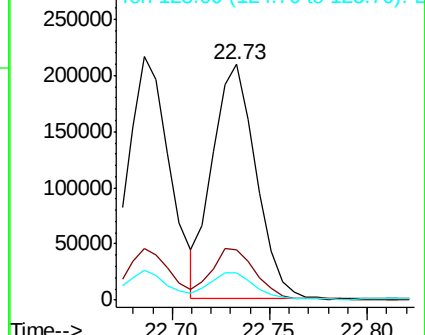


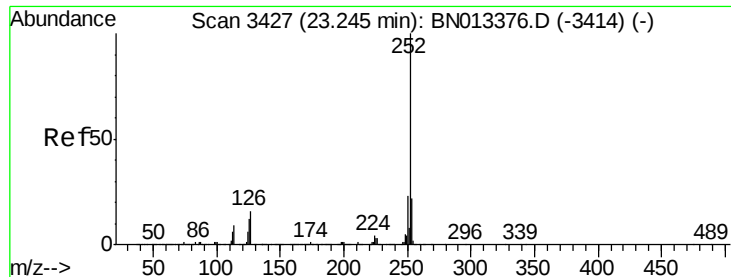
Abundance

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

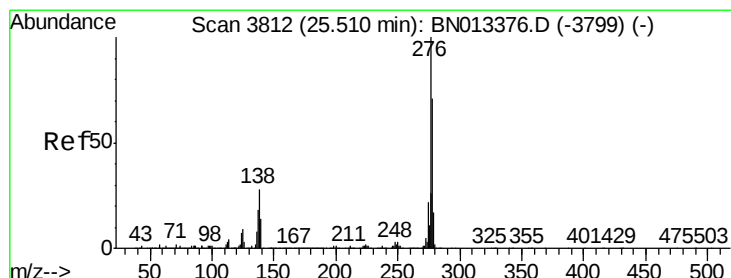
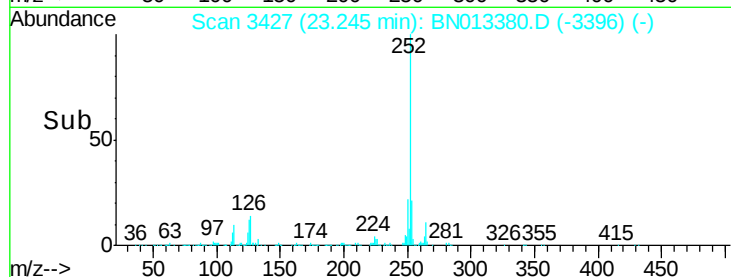
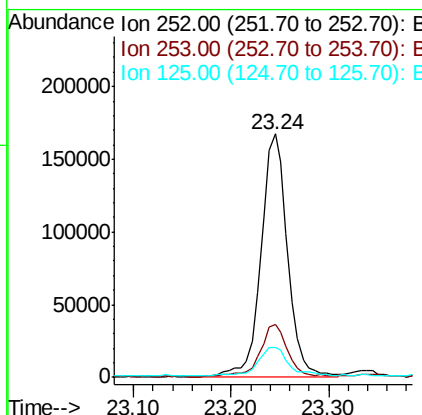
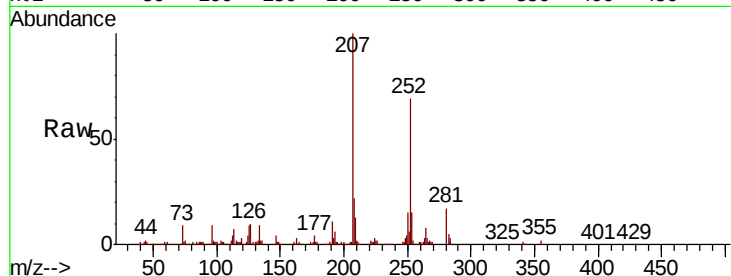




#93
Benzo(a)pyrene
Concen: 3.169 ng/ul
RT: 23.24 min Scan# 3427
Delta R.T. -0.02 min
Lab File: BN013380.D
Acq: 11 Jan 2021 12:36

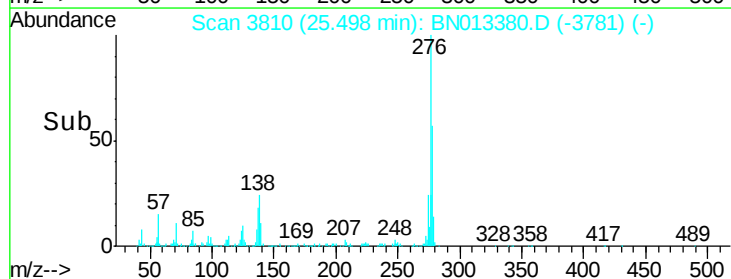
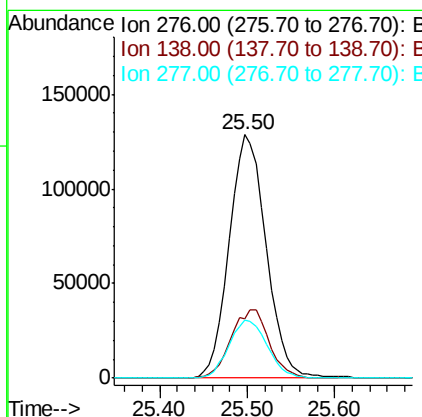
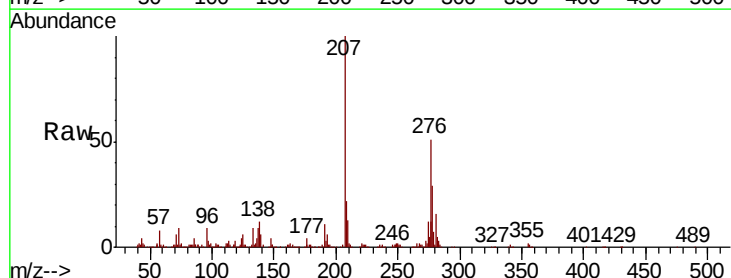
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-05

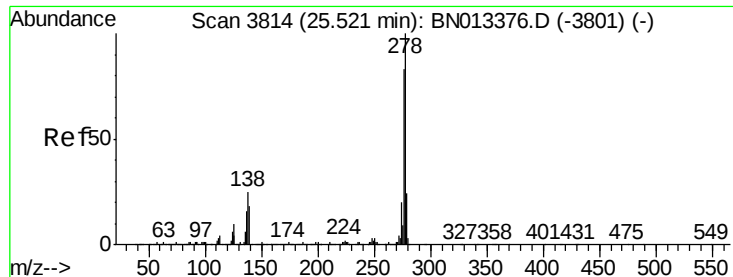
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	12.5	9.6	14.4



#94
Indeno(1,2,3-cd)pyrene
Concen: 2.935 ng/ul
RT: 25.50 min Scan# 3810
Delta R.T. -0.03 min
Lab File: BN013380.D
Acq: 11 Jan 2021 12:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.2	30.2
277	24.0	19.0	28.4

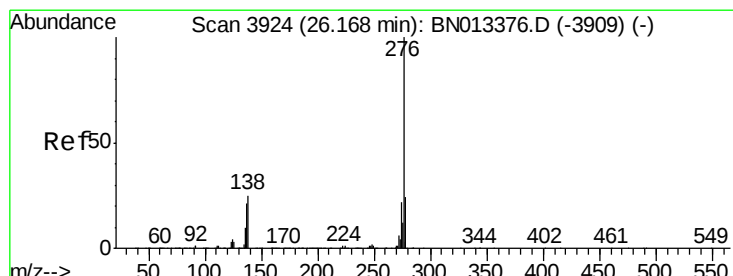
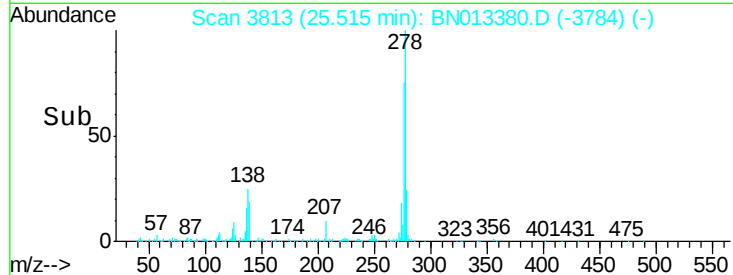
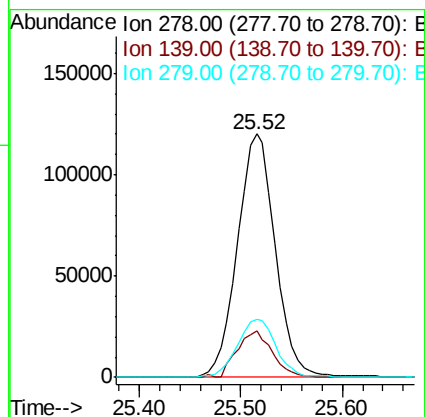
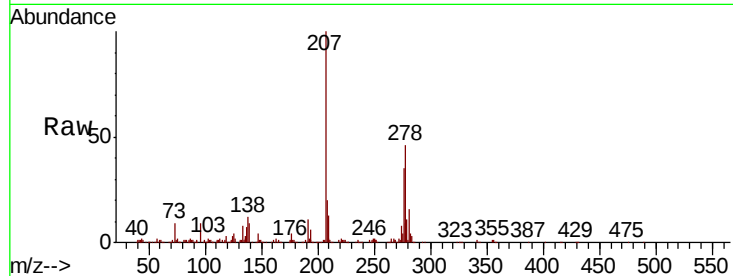




#95
Dibenzo(a,h)anthracene
Concen: 2.948 ng/ul
RT: 25.52 min Scan# 3813
Delta R.T. -0.03 min
Lab File: BN013380.D
Acq: 11 Jan 2021 12:36

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-05

Tot Ion:278 Resp: 311176
Ion Ratio Lower Upper
278 100
139 19.2 13.8 20.6
279 24.0 18.4 27.6



#96
Benzo(g,h,i)perylene
Concen: 2.834 ng/ul
RT: 26.16 min Scan# 3922
Delta R.T. -0.04 min
Lab File: BN013380.D
Acq: 11 Jan 2021 12:36

Tgt Ion:276 Resp: 302498
Ion Ratio Lower Upper
276 100
138 24.2 19.4 29.0
277 25.0 18.2 27.4

