

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031721\
 Data File : BN013968.D
 Acq On : 17 Mar 2021 13:46
 Operator : CG/JU
 Sample : M1344-03
 Misc : SFAM-MDL-S-01
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT2-2021-03

Quant Time: Mar 17 14:15:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN031721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 17 10:09:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	140959	20.00	ng/ul	0.00
20) Naphthalene-d8	10.49	136	565666	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.35	164	333555	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.09	188	695601	20.00	ng/ul	0.00
79) Chrysene-d12	21.27	240	713698	20.00	ng/ul	0.00
88) Perylene-d12	23.50	264	701261	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	18449	5.15	ng/uL	0.00
4) Pyridine-d5	3.61	84	269369	27.45	ng/ul	0.00
7) Phenol-d5	6.88	99	394296	33.02	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.04	67	261817	35.00	ng/ul	0.00
11) 2-Chlorophenol-d4	7.24	132	322869	35.83	ng/ul	0.00
15) 4-Methylphenol-d8	8.40	113	300016	32.74	ng/ul	0.00
21) Nitrobenzene-d5	8.86	128	143848	36.47	ng/ul	0.00
24) 2-Nitrophenol-d4	9.58	143	140340	37.58	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.10	165	279478	34.71	ng/ul	0.00
31) 4-Chloroaniline-d4	10.62	131	411887	33.38	ng/ul	0.00
46) Dimethylphthalate-d6	13.76	166	845771	36.56	ng/ul	0.00
49) Acenaphthylene-d8	14.04	160	1098298	38.93	ng/ul	0.00
54) 4-Nitrophenol-d4	14.54	143	137891	30.73	ng/ul	0.00
60) Fluorene-d10	15.34	176	740995	35.99	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.45	200	94359	27.14	ng/ul	0.00
73) Anthracene-d10	17.19	188	1155418	36.05	ng/ul	0.00
81) Pyrene-d10	19.48	212	1253108	34.76	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.36	264	1363347	38.60	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.25	88	5053	1.375	ng/uL 93
5) Pyridine	3.63	79	46802	4.634	ng/ul# 61
6) Benzaldehyde	6.85	77	30771	5.199	ng/ul 96
8) Phenol	6.90	94	58352	4.493	ng/ul 98
10) Bis(2-Chloroethyl)ether	7.13	93	46537	4.568	ng/ul 99
12) 2-Chlorophenol	7.27	128	46957	4.801	ng/ul 99
13) 2-Methylphenol	8.14	108	37197	3.965	ng/ul 99
14) 2,2'-oxybis(1-Chloropropan	8.23	45	69314	4.529	ng/ul 100
16) Acetophenone	8.52	105	65237	4.289	ng/ul 99
17) N-Nitroso-di-n-propylamine	8.51	70	29554	4.195	ng/ul 99
18) 4-Methylphenol	8.47	108	44564	4.341	ng/ul 97
19) Hexachloroethane	8.78	117	18435	4.557	ng/ul 98
22) Nitrobenzene	8.90	77	51679	4.866	ng/ul 99
23) Isophorone	9.42	82	72846	4.054	ng/ul 99
25) 2-Nitrophenol	9.60	139	21183	4.839	ng/ul 97
26) 2,4-Dimethylphenol	9.67	107	47342	4.595	ng/ul 98
27) Bis(2-Chloroethoxy)methane	9.90	93	57577	4.623	ng/ul 99
29) 2,4-Dichlorophenol	10.13	162	41122	4.873	ng/ul 95
30) Naphthalene	10.54	128	148998	4.797	ng/ul 100
32) 4-Chloroaniline	10.65	127	59771	4.677	ng/ul 97
33) Hexachlorobutadiene	10.83	225	26719	4.985	ng/ul 98
34) Caprolactam	11.41	113	7156	2.828	ng/ul 80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.77	107	33684	3.939	ng/ul	98
36) 2-Methylnaphthalene	12.15	142	98946	4.687	ng/ul	97
37) 1-Methylnaphthalene	12.37	142	97314	4.648	ng/ul#	96
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	50513	4.806	ng/ul	98
40) Hexachlorocyclopentadiene	12.50	237	24006	3.781	ng/ul	98
41) 2,4,6-Trichlorophenol	12.77	196	22166	3.779	ng/ul	98
42) 2,4,5-Trichlorophenol	12.83	196	26957	4.107	ng/ul	90
43) 1,1'-Biphenyl	13.17	154	126927	4.749	ng/ul	98
44) 2-Chloronaphthalene	13.22	162	97637	4.689	ng/ul	99
45) 2-Nitroaniline	13.42	65	17843	3.533	ng/ul	93
47) Dimethylphthalate	13.80	163	118948	4.903	ng/ul	99
48) 2,6-Dinitrotoluene	13.92	165	15798	3.673	ng/ul	98
50) Acenaphthylene	14.06	152	147531	4.868	ng/ul	99
51) 3-Nitroaniline	14.25	138	16953	3.301	ng/ul	97
52) Acenaphthene	14.41	153	105858	4.797	ng/ul	98
53) 2,4-Dinitrophenol	14.45	184	5749	2.414	ng/ul	92
55) 4-Nitrophenol	14.55	109	15527	4.252	ng/ul	86
56) Dibenzofuran	14.75	168	149048	4.886	ng/ul	100
57) 2,4-Dinitrotoluene	14.71	165	24986	4.048	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	14.97	232	19696	3.875	ng/ul	90
59) Diethylphthalate	15.17	149	105058	4.435	ng/ul	98
61) Fluorene	15.40	166	117034	4.752	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.39	204	57677	4.853	ng/ul	97
63) 4-Nitroaniline	15.41	138	18107	3.561	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.47	198	14225	3.876	ng/ul#	88
67) N-Nitrosodiphenylamine	15.60	169	95162	4.496	ng/ul	98
68) 4-Bromophenyl-phenylether	16.29	248	32445	4.565	ng/ul	96
69) Hexachlorobenzene	16.39	284	37646	4.570	ng/ul	98
70) Atrazine	16.56	200	25207	3.518	ng/ul	99
71) Pentachlorophenol	16.74	266	12362	2.796	ng/ul	95
72) Phenanthrene	17.13	178	189937	4.792	ng/ul	99
74) Anthracene	17.22	178	195955	4.838	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.14	216	49925	4.607	ng/uL	98
76) Pentachlorobenzene	14.66	250	45431	4.200	ng/uL	100
77) Carbazole	17.49	167	153614	4.269	ng/ul	99
78) Di-n-butylphthalate	18.06	149	139321	3.751	ng/ul	100
80) Fluoranthene	19.15	202	197018	4.380	ng/ul	98
82) Pyrene	19.51	202	221973	4.601	ng/ul#	94
83) Butylbenzylphthalate	20.42	149	48129	3.138	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.19	252	42078	3.349	ng/ul	98
85) Benzo(a)anthracene	21.25	228	205936	4.493	ng/ul	96
86) Bis(2-ethylhexyl)phthalate	21.19	149	75375	3.180	ng/ul	100
87) Chrysene	21.30	228	211554	4.702	ng/ul	98
89) Di-n-octyl phthalate	22.07	149	124723	2.827	ng/ul	100
90) Benzo(b)fluoranthene	22.83	252	215143	4.827	ng/ul	98
91) Benzo(k)fluoranthene	22.87	252	204890	4.579	ng/ul	97
93) Benzo(a)pyrene	23.40	252	199167	4.963	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	25.73	276	243682	4.820	ng/ul	97
95) Dibenzo(a,h)anthracene	25.74	278	206032	4.836	ng/ul	97
96) Benzo(g,h,i)perylene	26.41	276	198457	4.744	ng/ul	98

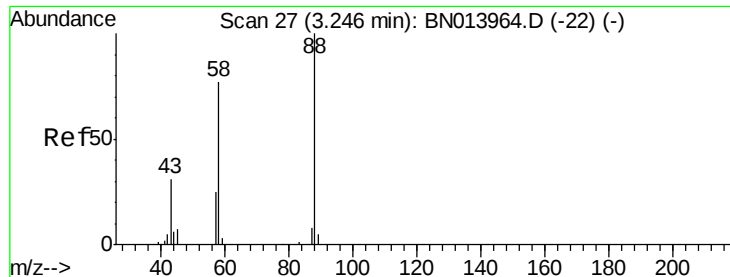
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN031721\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 1.375 ng/uL

RT: 3.25 min Scan# 27

Delta R.T. 0.00 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-03

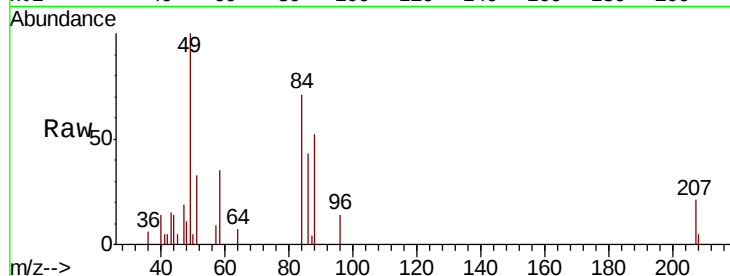
Tot Ion: 88 Resp: 5053

Ion Ratio Lower Upper

88 100

43 28.8 25.1 37.7

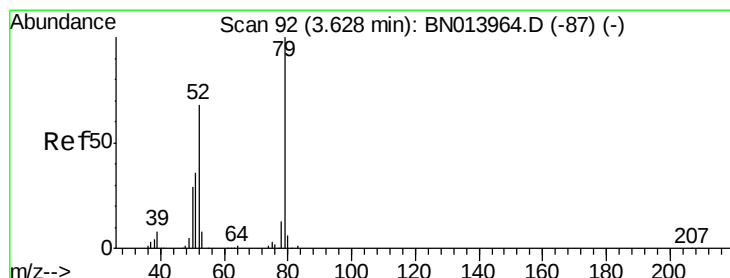
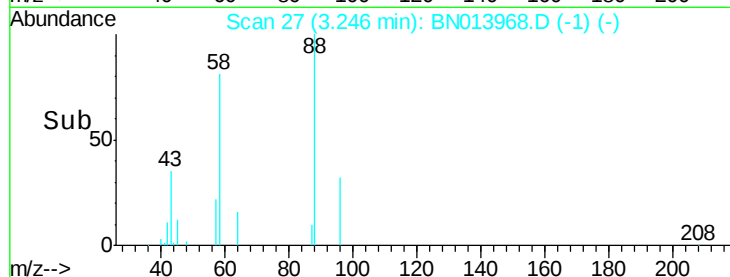
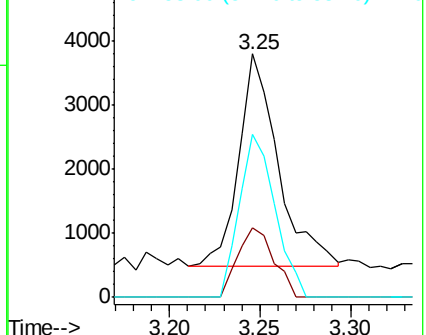
58 66.9 59.2 88.8



Abundance Ion 88.00 (87.70 to 88.70): BN013968.D (-22) (-)

Ion 43.00 (42.70 to 43.70): BN013968.D (-22) (-)

Ion 58.00 (57.70 to 58.70): BN013968.D (-22) (-)



#5

Pyridine

Concen: 4.634 ng/uL

RT: 3.63 min Scan# 93

Delta R.T. 0.01 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

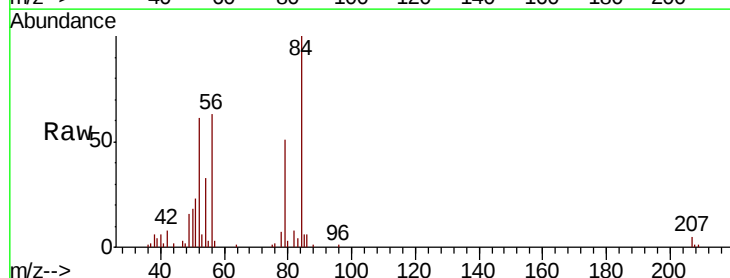
Tgt Ion: 79 Resp: 46802

Ion Ratio Lower Upper

79 100

52 120.5 61.8 92.8#

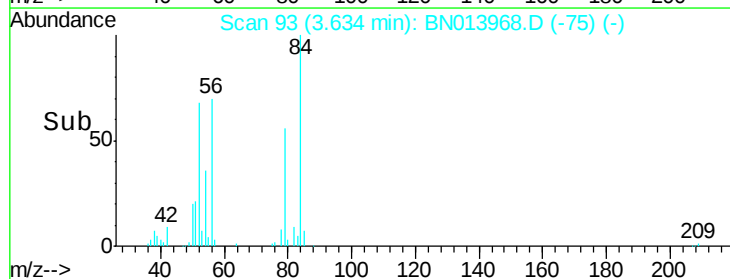
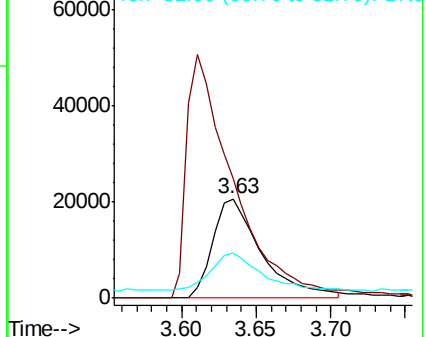
51 45.2 28.7 43.1#

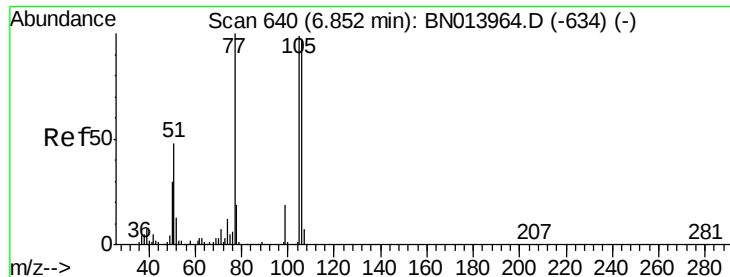


Abundance Ion 79.00 (78.70 to 79.70): BN013968.D (-87) (-)

Ion 52.00 (51.70 to 52.70): BN013968.D (-87) (-)

Ion 51.00 (50.70 to 51.70): BN013968.D (-87) (-)





#6

Benzaldehyde

Concen: 5.199 ng/ul

RT: 6.85 min Scan# 640

Delta R.T. 0.00 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

Instrument :

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ClientSampleId :

MDL-SOIL-QT2-2021-03

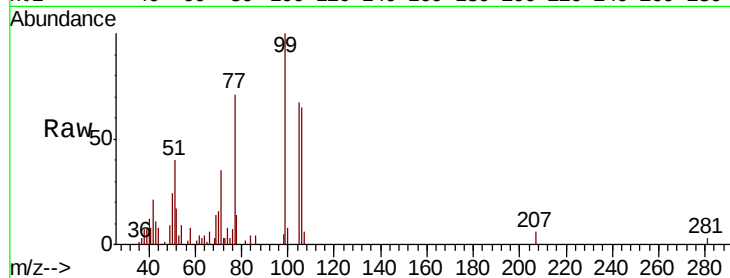
Tot Ion: 77 Resp: 30771

Ion Ratio Lower Upper

77 100

105 95.1 79.8 119.8

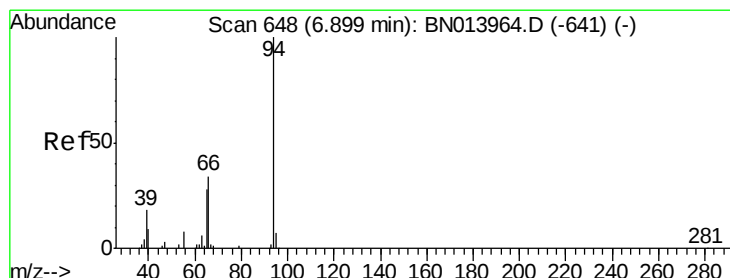
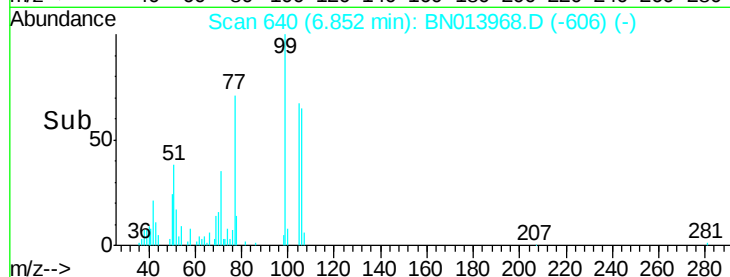
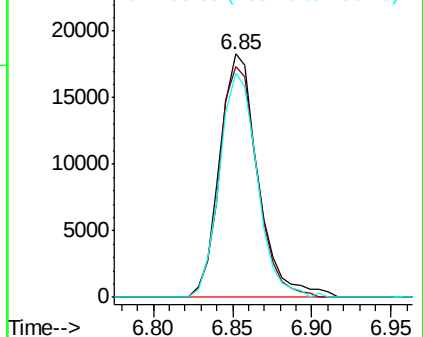
106 92.0 75.8 113.8



Abundance Ion 77.00 (76.70 to 77.70): BN013968.D (-606) (-)

Ion 105.00 (104.70 to 105.70): BN013968.D (-606) (-)

Ion 106.00 (105.70 to 106.70): BN013968.D (-606) (-)



#8

Phenol

Concen: 4.493 ng/ul

RT: 6.90 min Scan# 648

Delta R.T. 0.00 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

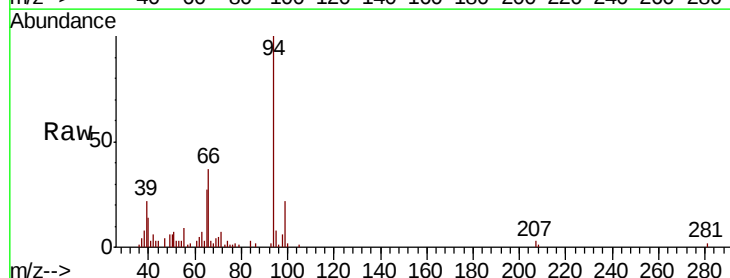
Tgt Ion: 94 Resp: 58352

Ion Ratio Lower Upper

94 100

65 27.4 23.0 34.6

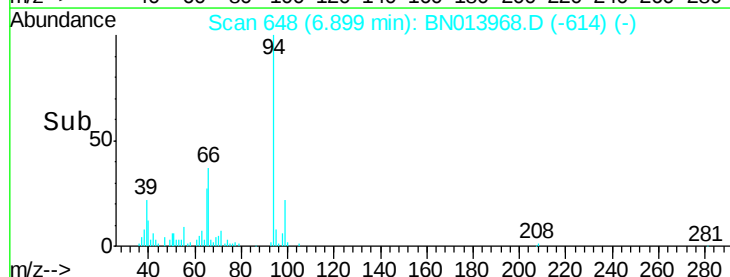
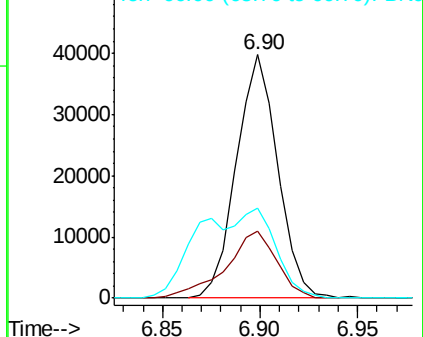
66 36.7 29.0 43.6

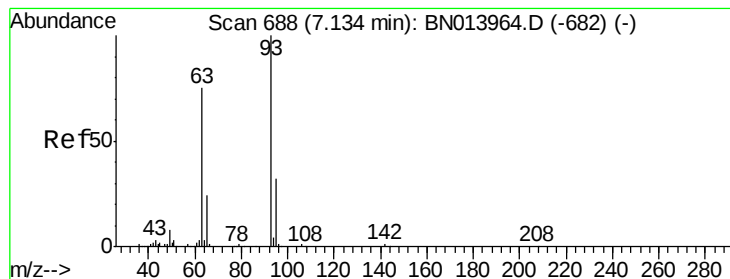


Abundance Ion 94.00 (93.70 to 94.70): BN013968.D (-614) (-)

Ion 65.00 (64.70 to 65.70): BN013968.D (-614) (-)

Ion 66.00 (65.70 to 66.70): BN013968.D (-614) (-)





#10

Bis(2-Chloroethyl)ether

Concen: 4.568 ng/ul

RT: 7.13 min Scan# 688

Delta R.T. 0.00 min

Lab File: BN013968.D

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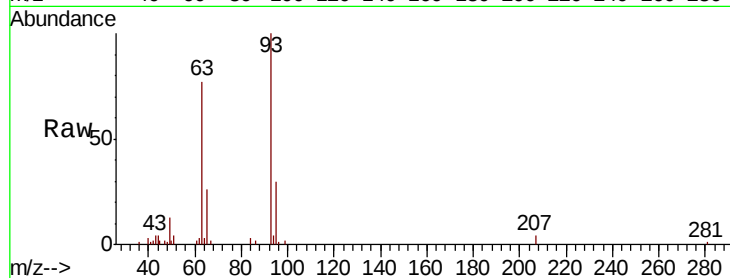
Tot Ion: 93 Resp: 46537

Ion Ratio Lower Upper

93 100

63 77.1 61.6 92.4

95 30.3 26.0 39.0

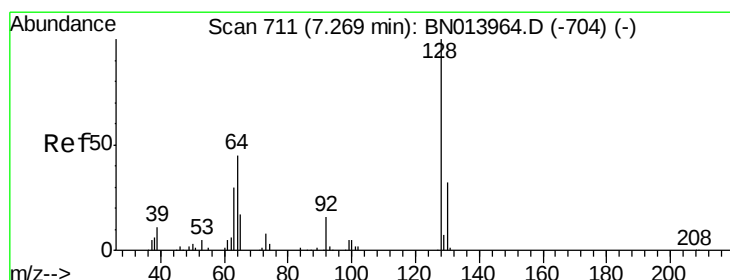
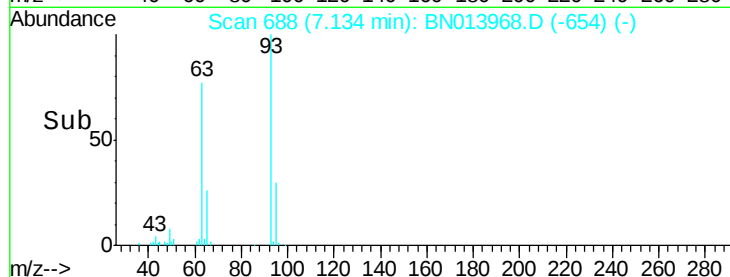
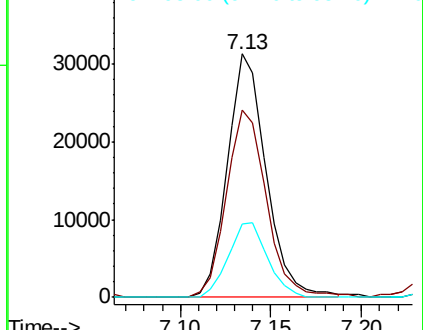


Abundance

Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0



#12

2-Chlorophenol

Concen: 4.801 ng/ul

RT: 7.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

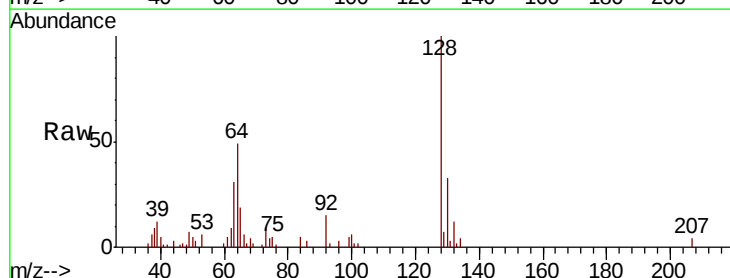
Tgt Ion: 128 Resp: 46957

Ion Ratio Lower Upper

128 100

64 48.8 39.0 58.4

130 33.1 25.5 38.3

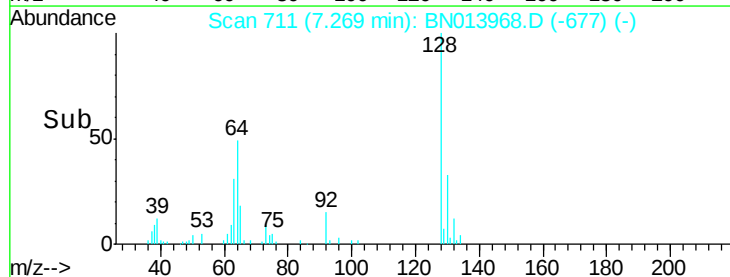
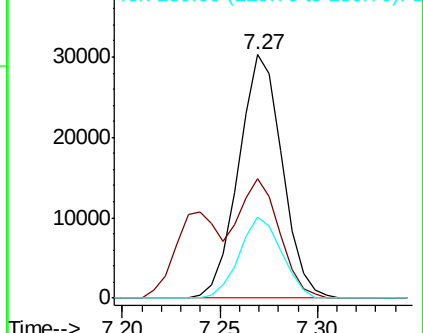


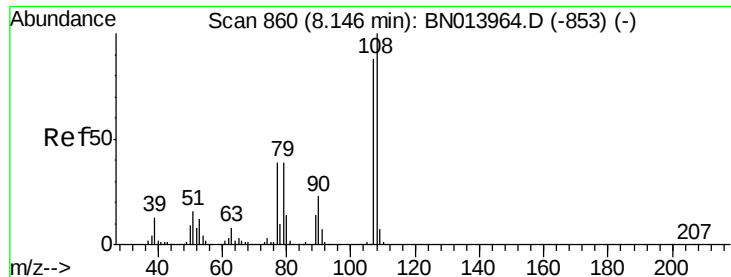
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 130.00 (129.70 to 130.70): E





#13

2-Methylphenol

Concen: 3.965 ng/ul

RT: 8.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

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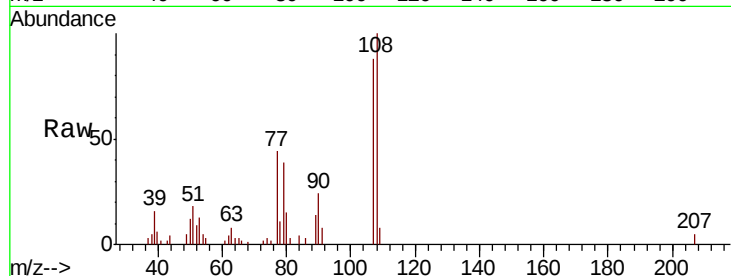
MDL-SOIL-QT2-2021-03

Tot Ion:108 Resp: 37197

Ion Ratio Lower Upper

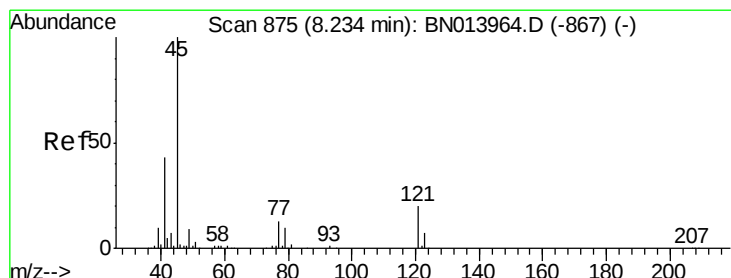
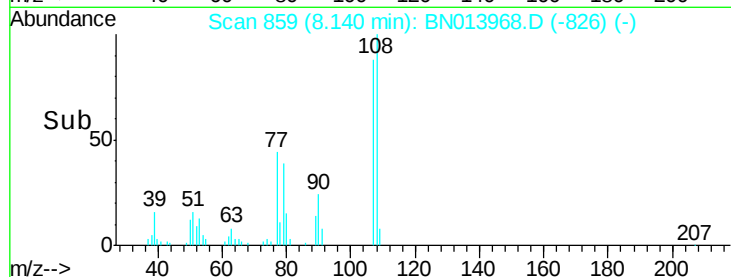
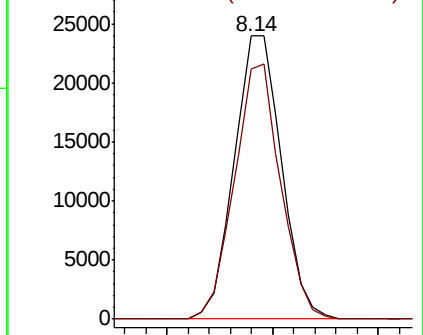
108 100

107 88.2 71.3 106.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#14

2,2'-oxybis(1-Chloropropane)

Concen: 4.529 ng/ul

RT: 8.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

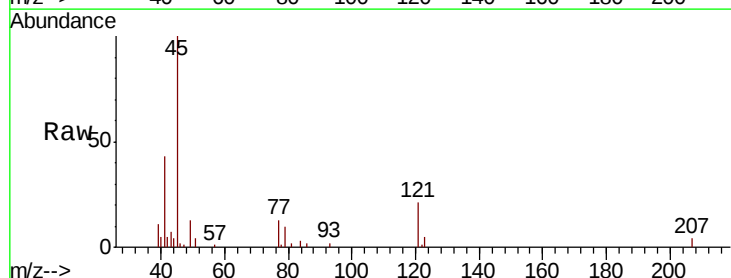
Tgt Ion: 45 Resp: 69314

Ion Ratio Lower Upper

45 100

77 12.6 10.3 15.5

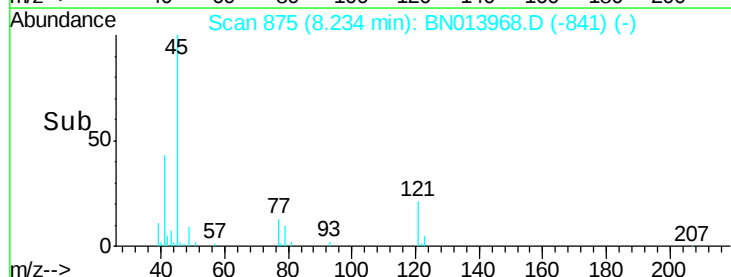
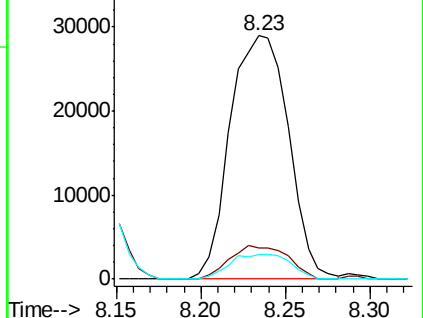
79 10.1 8.1 12.1

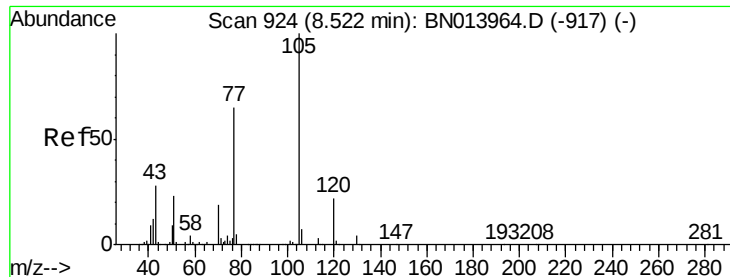


Abundance Ion 45.00 (44.70 to 45.70): BNC

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC





#16

Acetophenone

Concen: 4.289 ng/ul

RT: 8.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-03

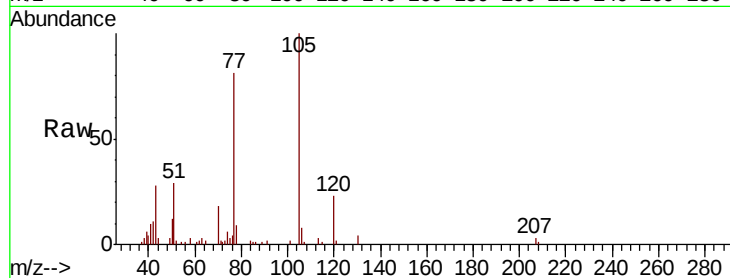
Tot Ion:105 Resp: 65237

Ion Ratio Lower Upper

105 100

77 81.2 65.1 97.7

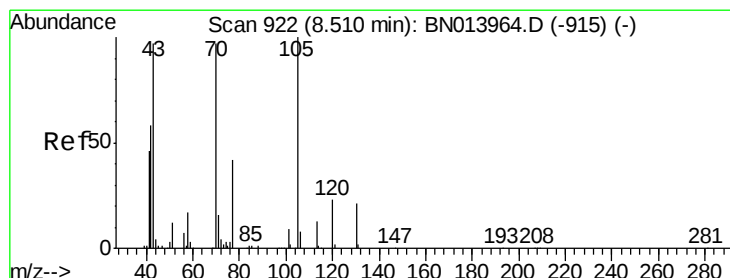
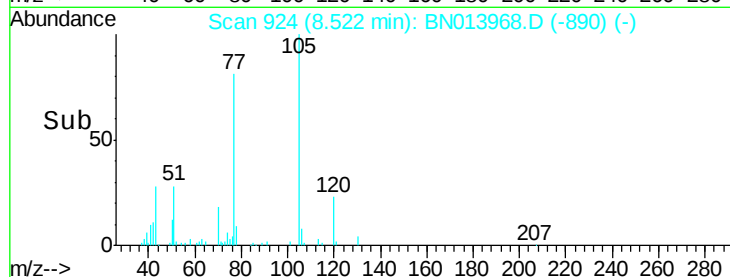
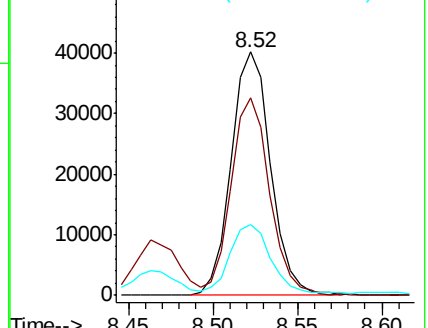
51 29.1 24.2 36.2



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



#17

N-Nitroso-di-n-propylamine

Concen: 4.195 ng/ul

RT: 8.51 min Scan# 922

Delta R.T. 0.00 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

Tgt Ion: 70 Resp: 29554

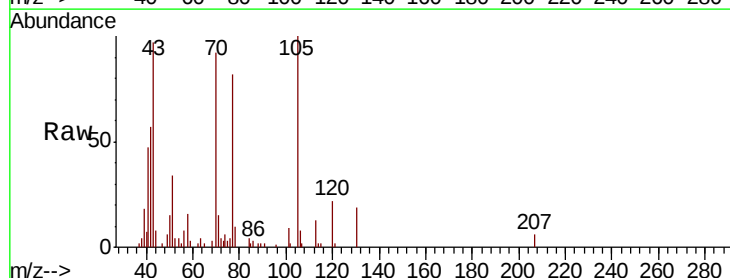
Ion Ratio Lower Upper

70 100

42 62.3 50.3 75.5

101 9.8 7.2 10.8

130 20.2 16.6 25.0

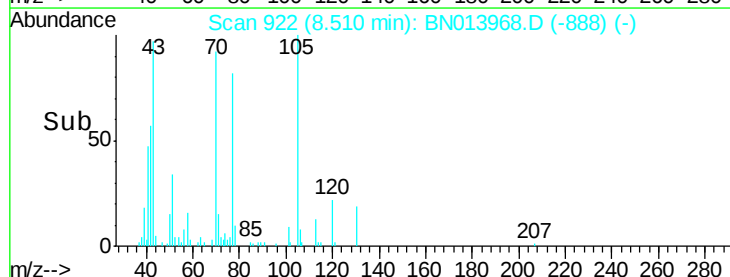
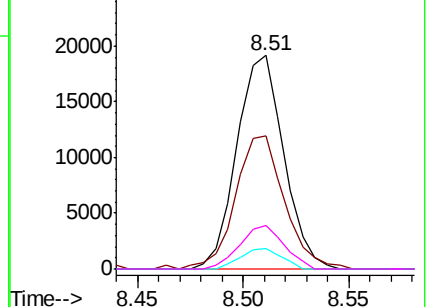


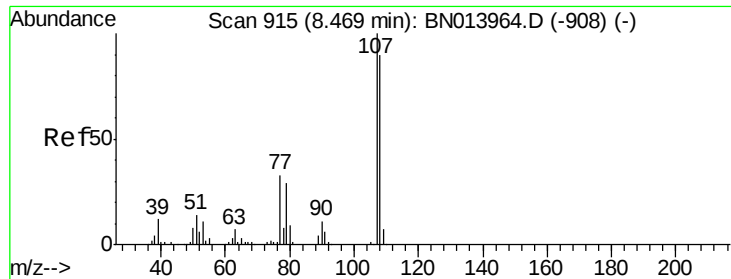
Abundance Ion 70.00 (69.70 to 70.70): BNC

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





#18

4-Methylphenol

Concen: 4.341 ng/ul

RT: 8.47 min Scan# 915

Delta R.T. 0.00 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

Instrument :

BNA_N

ClientSampleId :

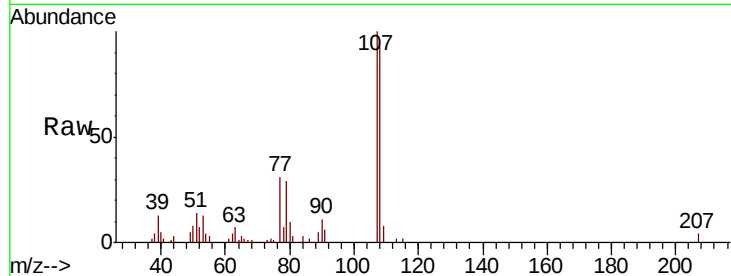
MDL-SOIL-QT2-2021-03

Tot Ion:108 Resp: 44564

Ion Ratio Lower Upper

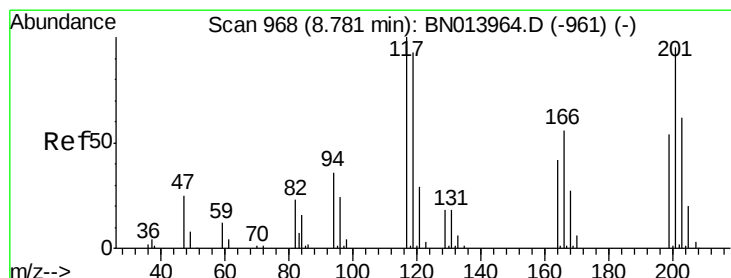
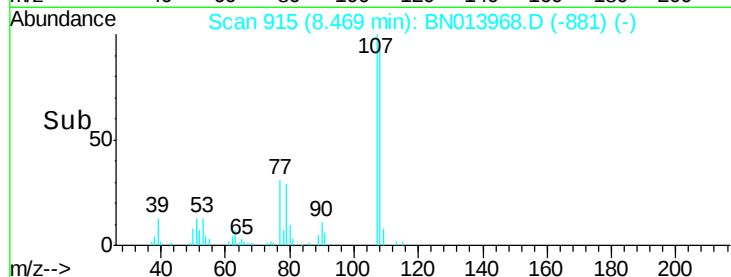
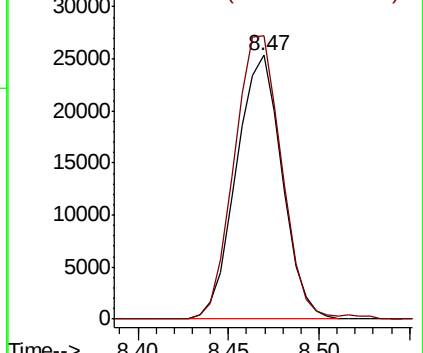
108 100

107 107.3 88.2 132.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#19

Hexachloroethane

Concen: 4.557 ng/ul

RT: 8.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

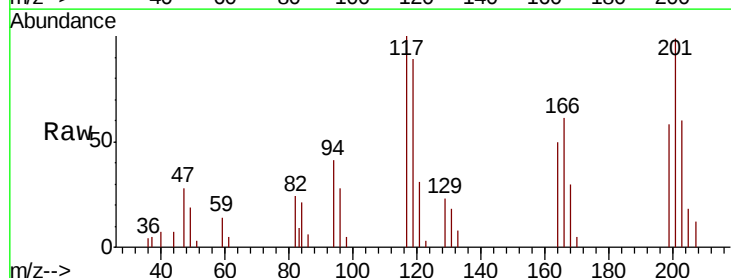
Tgt Ion:117 Resp: 18435

Ion Ratio Lower Upper

117 100

201 99.4 78.9 118.3

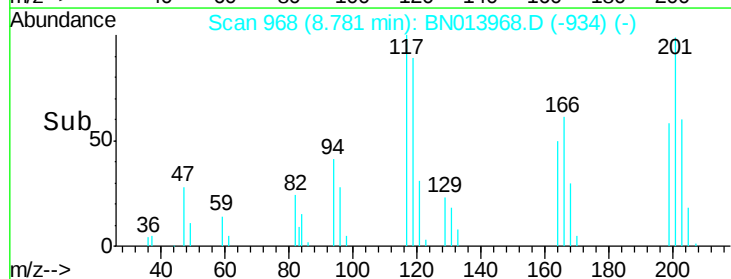
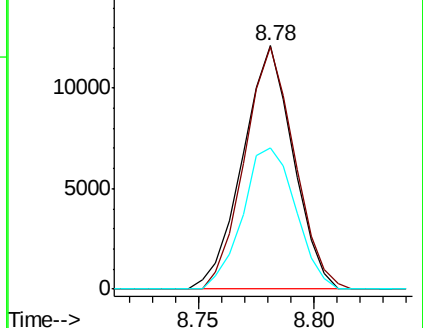
199 58.1 48.2 72.2

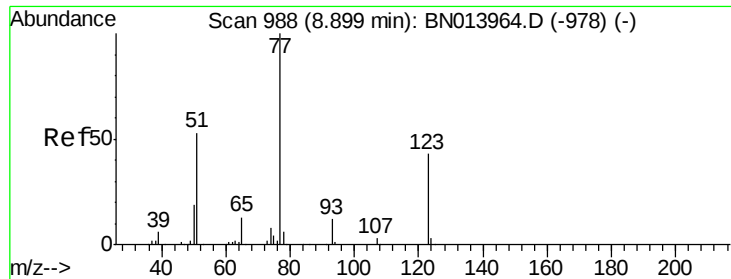


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

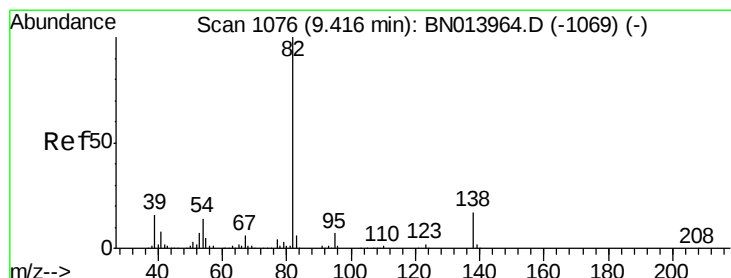
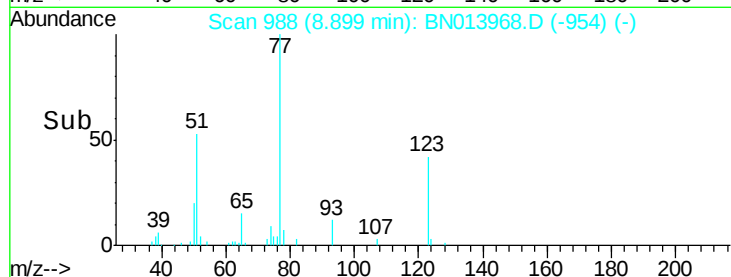
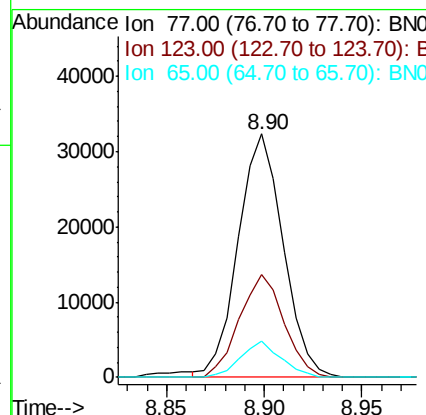
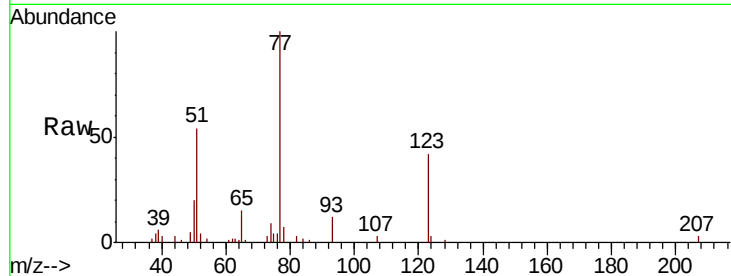




#22
 Nitrobenzene
 Concen: 4.866 ng/ul
 RT: 8.90 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BN013968.D
 Acq: 17 Mar 2021 13:46

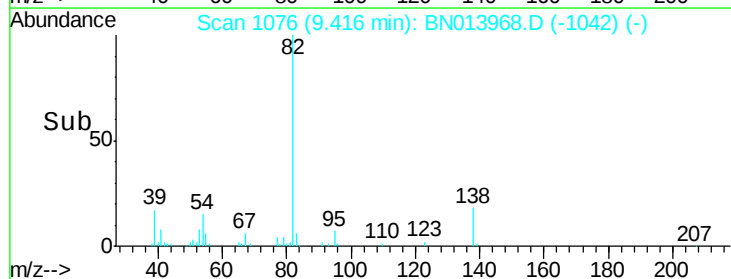
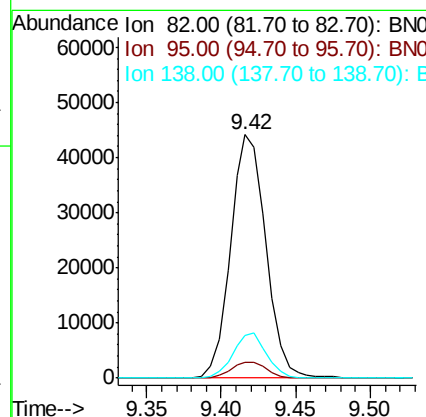
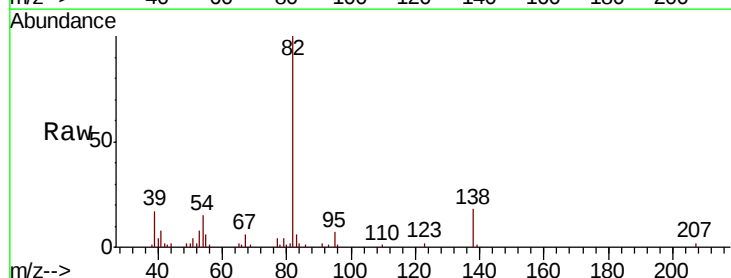
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT2-2021-03

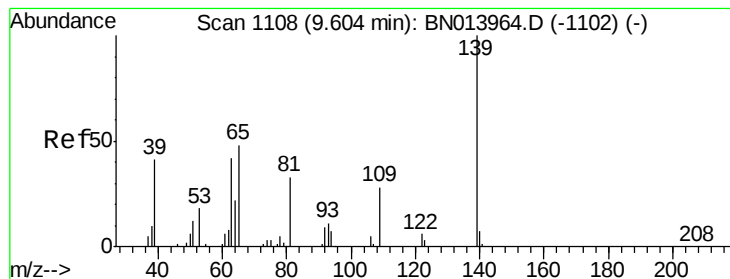
Tot Ion	Ratio	Lower	Upper
77	100		
123	42.1	33.7	50.5
65	14.7	10.6	15.8



#23
 Isophorone
 Concen: 4.054 ng/ul
 RT: 9.42 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BN013968.D
 Acq: 17 Mar 2021 13:46

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.4	8.0
138	17.7	13.4	20.2





#25

2-Nitrophenol

Concen: 4.839 ng/ul

RT: 9.60 min Scan# 1108

Delta R.T. 0.00 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-03

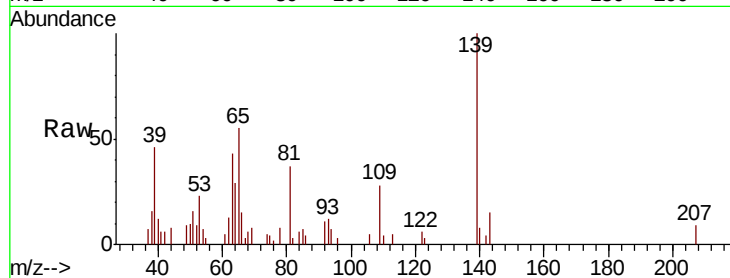
Tot Ion:139 Resp: 21183

Ion Ratio Lower Upper

139 100

65 54.9 41.6 62.4

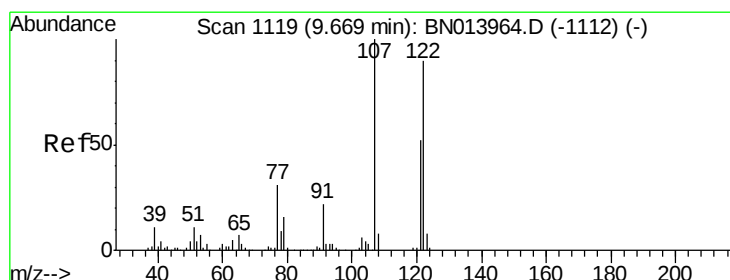
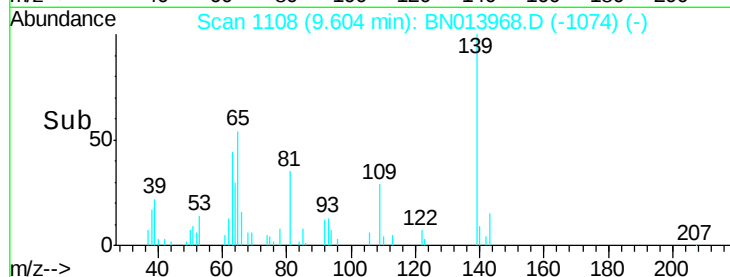
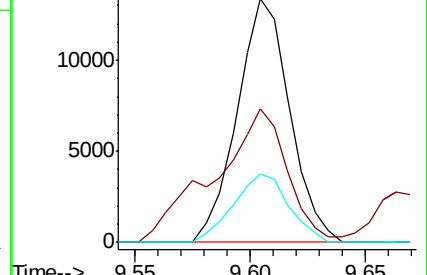
109 27.9 23.3 34.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNO

Ion 109.00 (108.70 to 109.70): E



#26

2,4-Dimethylphenol

Concen: 4.595 ng/ul

RT: 9.67 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

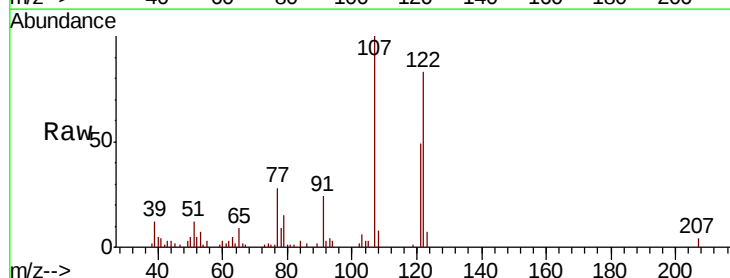
Tgt Ion:107 Resp: 47342

Ion Ratio Lower Upper

107 100

121 49.2 40.5 60.7

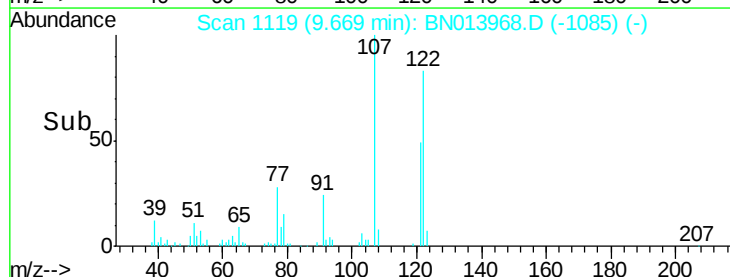
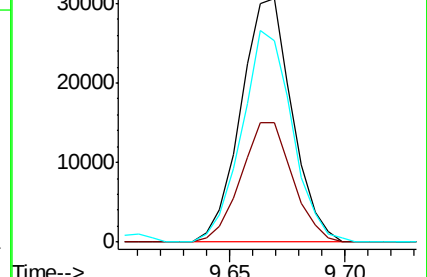
122 82.6 67.7 101.5

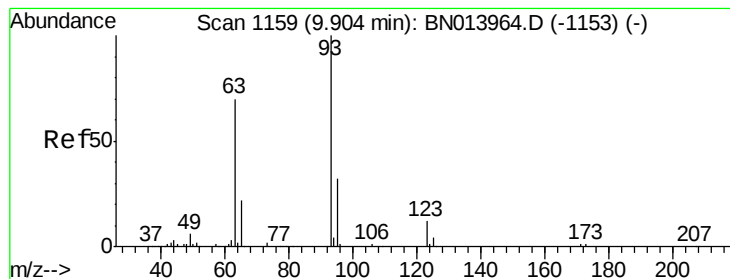


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Bis(2-Chloroethoxy)methane

Concen: 4.623 ng/ul

RT: 9.90 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-03

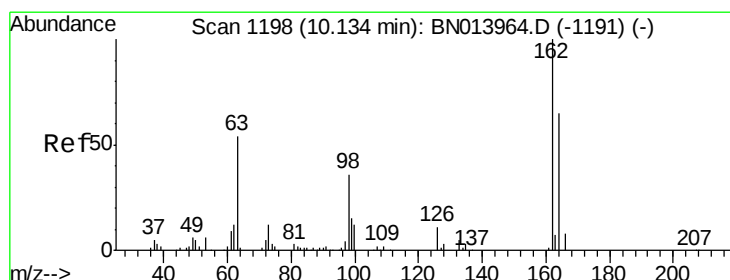
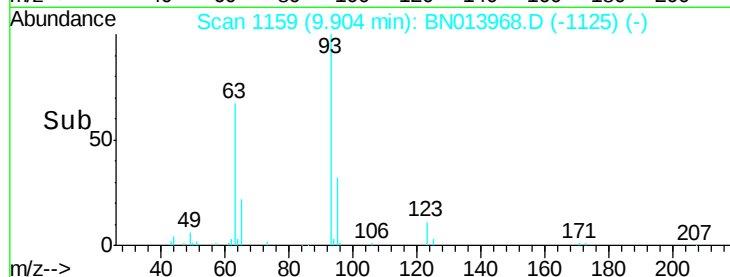
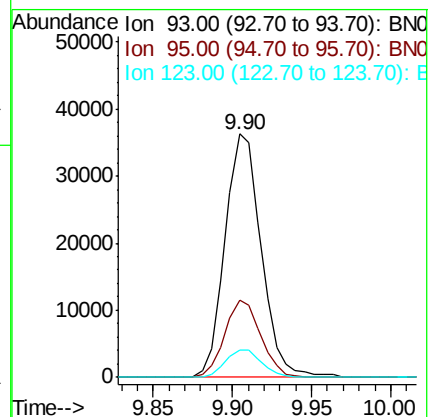
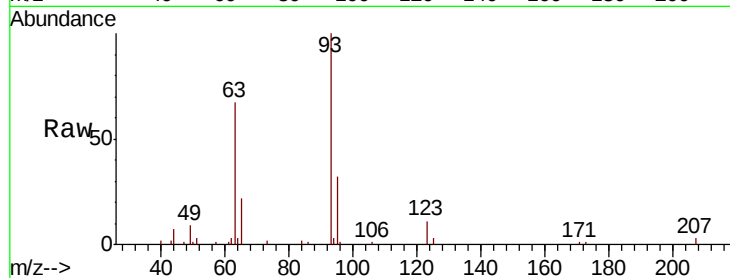
Tot Ion: 93 Resp: 57577

Ion Ratio Lower Upper

93 100

95 31.7 25.8 38.8

123 11.0 9.3 13.9



#29

2,4-Dichlorophenol

Concen: 4.873 ng/ul

RT: 10.13 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

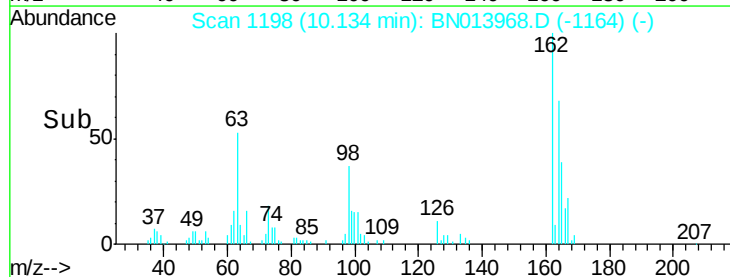
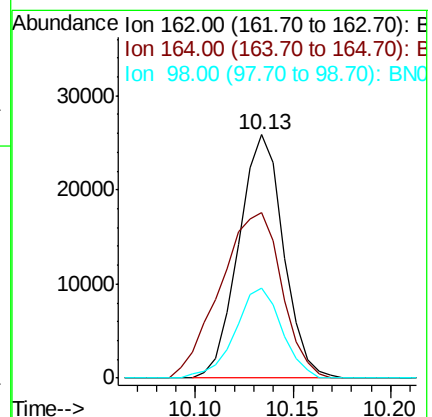
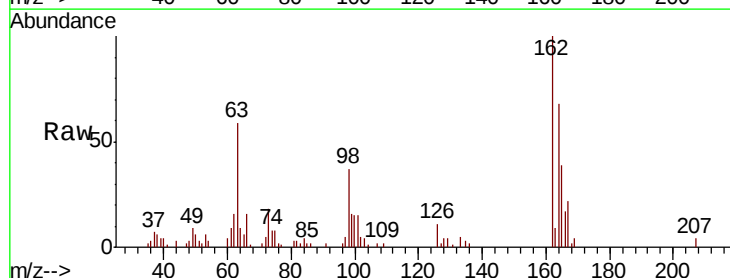
Tgt Ion: 162 Resp: 41122

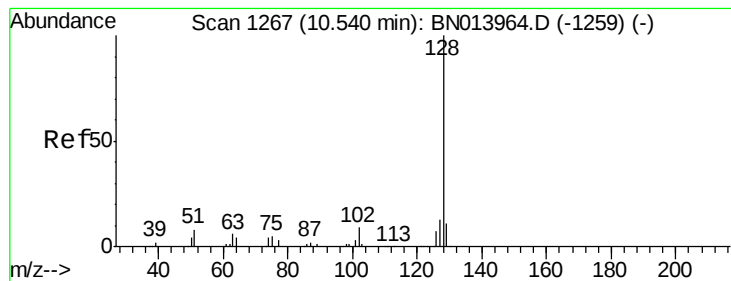
Ion Ratio Lower Upper

162 100

164 68.1 49.9 74.9

98 36.7 29.1 43.7





#30

Naphthalene

Concen: 4.797 ng/ul

RT: 10.54 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-03

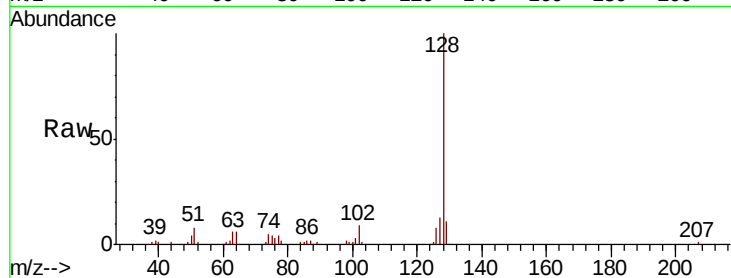
Tot Ion:128 Resp: 148998

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

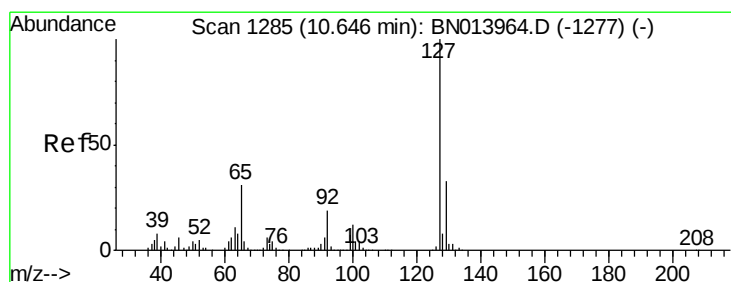
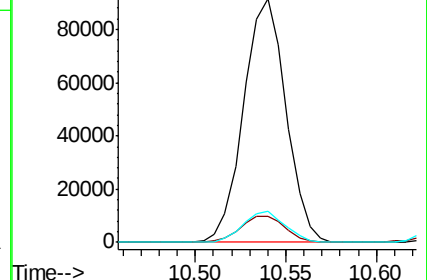
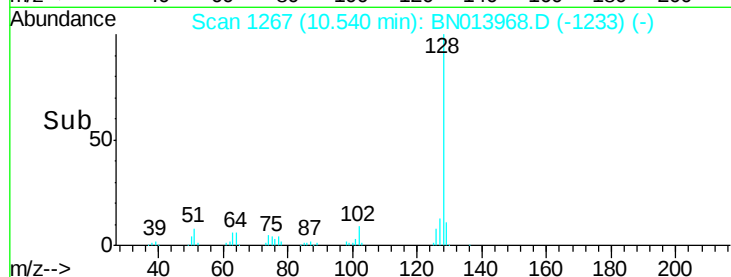
127 13.0 10.3 15.5



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: 4.677 ng/ul

RT: 10.65 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BN013968.D

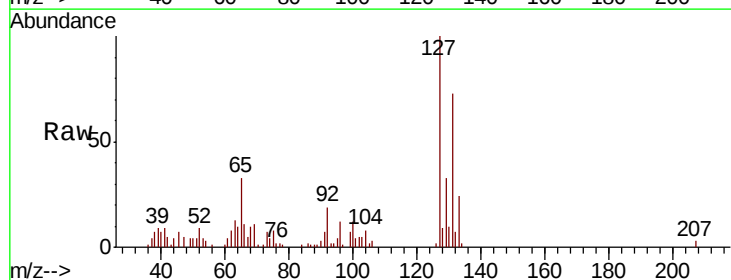
Acq: 17 Mar 2021 13:46

Tgt Ion:127 Resp: 59771

Ion Ratio Lower Upper

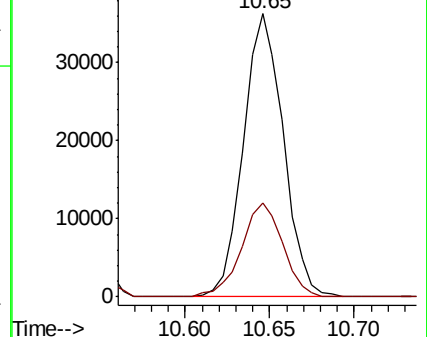
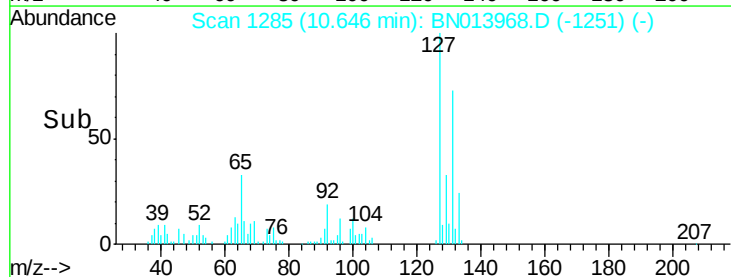
127 100

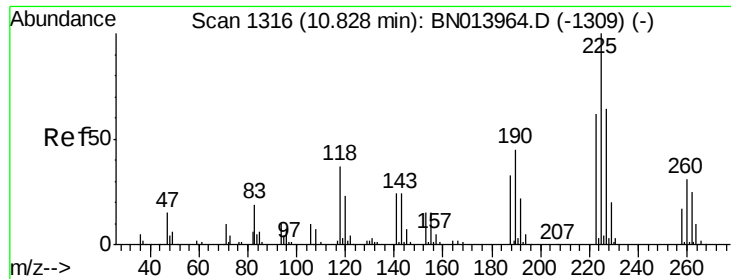
129 33.1 25.2 37.8



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#33

Hexachlorobutadiene

Concen: 4.985 ng/ul

RT: 10.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-03

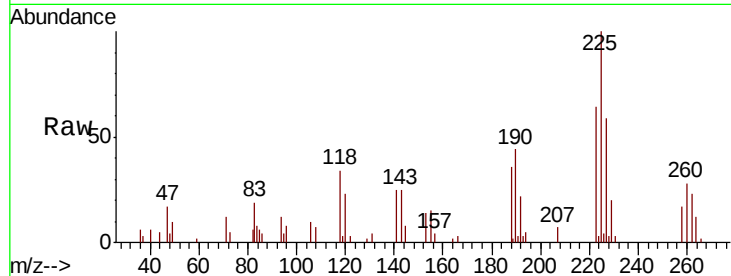
Tot Ion:225 Resp: 26719

Ion Ratio Lower Upper

225 100

223 64.0 52.6 78.8

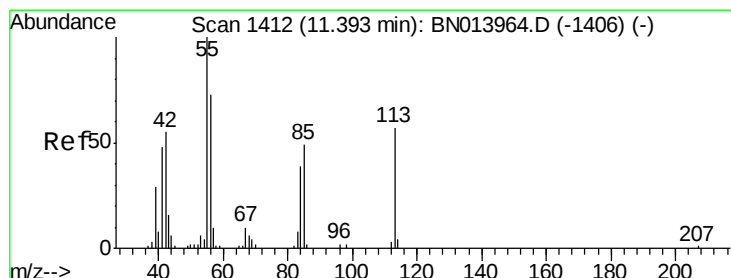
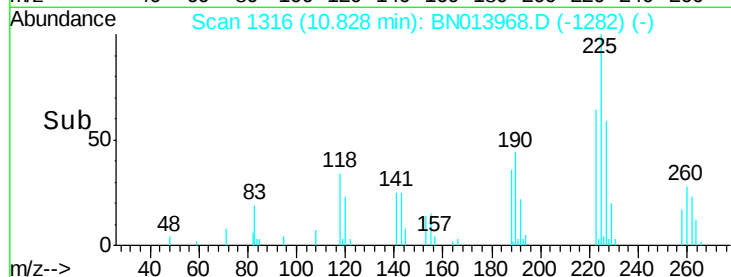
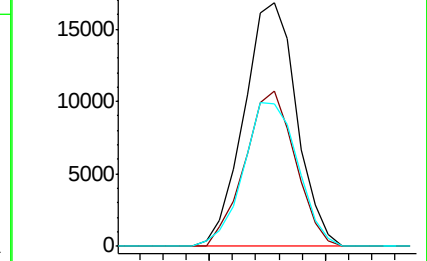
227 61.6 51.0 76.4



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: 2.828 ng/ul

RT: 11.41 min Scan# 1415

Delta R.T. 0.02 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

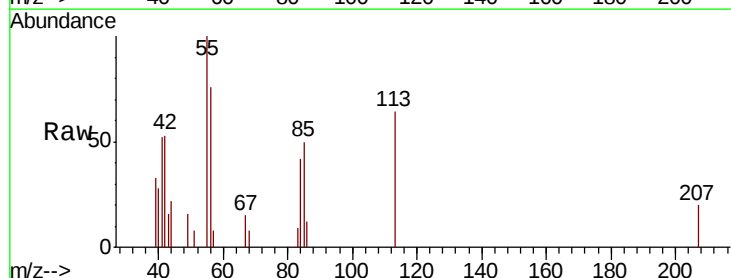
Tgt Ion:113 Resp: 7156

Ion Ratio Lower Upper

113 100

55 156.2 150.2 225.4

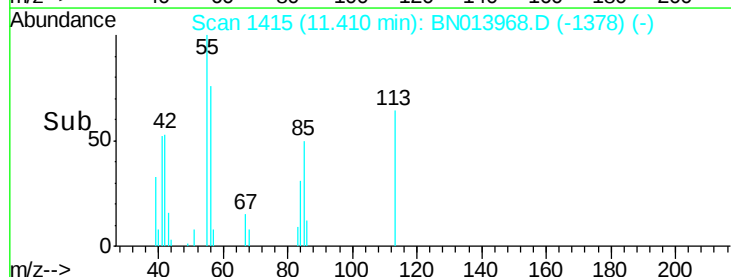
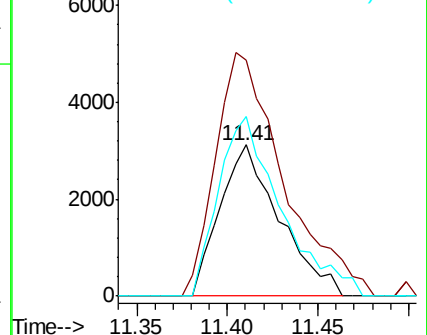
56 118.9 111.2 166.8

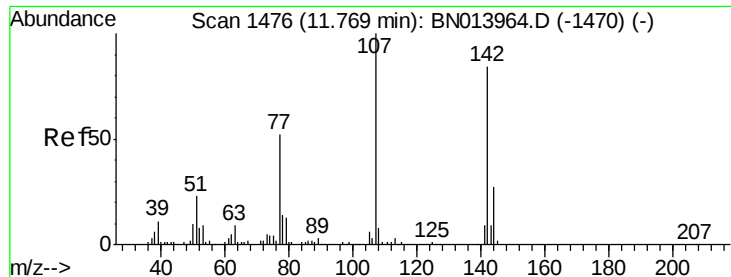


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO

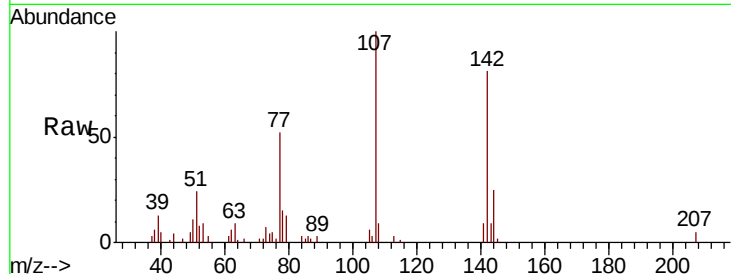




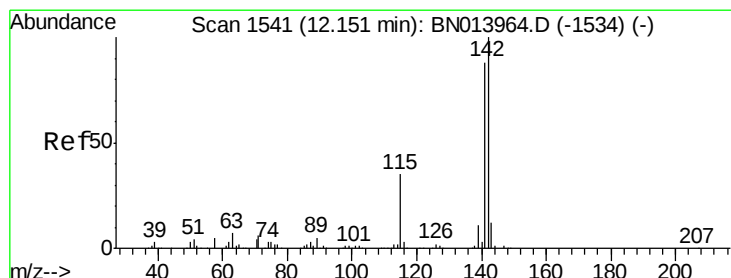
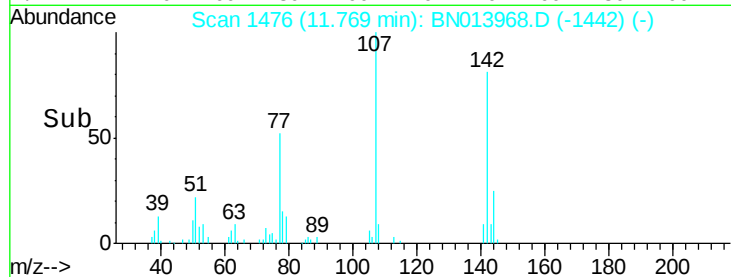
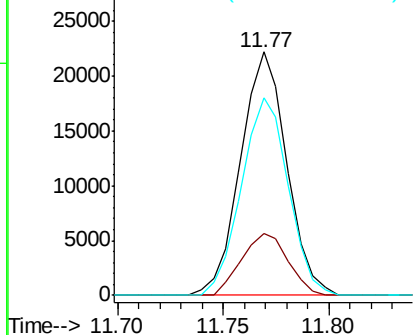
#35
 4-Chloro-3-methylphenol
 Concen: 3.939 ng/ul
 RT: 11.77 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: BN013968.D
 Acq: 17 Mar 2021 13:46

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT2-2021-03

Tot Ion:107 Resp: 33684
 Ion Ratio Lower Upper
 107 100
 144 25.3 21.0 31.4
 142 81.0 65.9 98.9

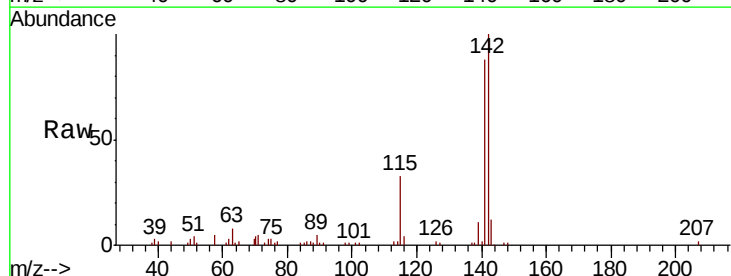


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

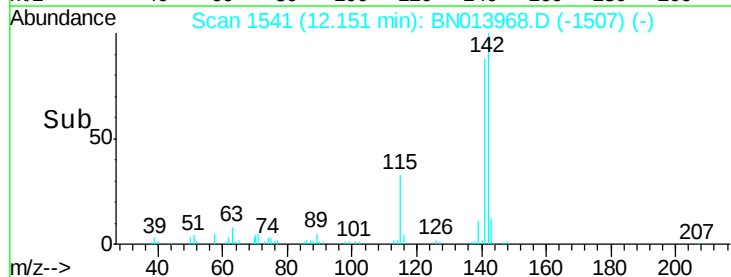
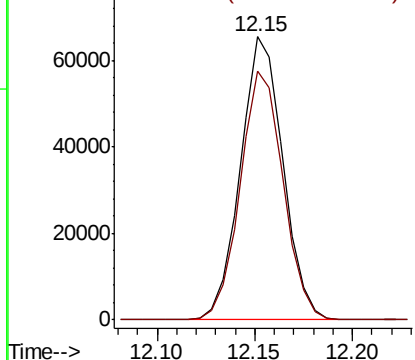


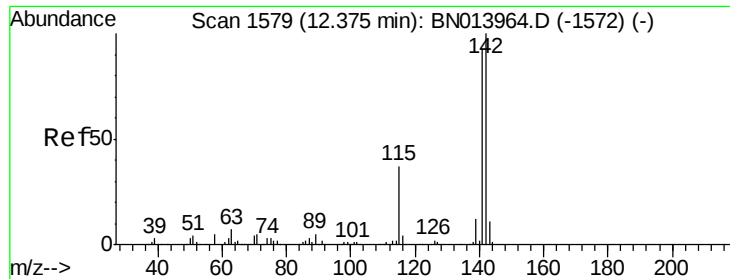
#36
 2-Methylnaphthalene
 Concen: 4.687 ng/ul
 RT: 12.15 min Scan# 1541
 Delta R.T. 0.00 min
 Lab File: BN013968.D
 Acq: 17 Mar 2021 13:46

Tgt Ion:142 Resp: 98946
 Ion Ratio Lower Upper
 142 100
 141 87.7 72.1 108.1



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

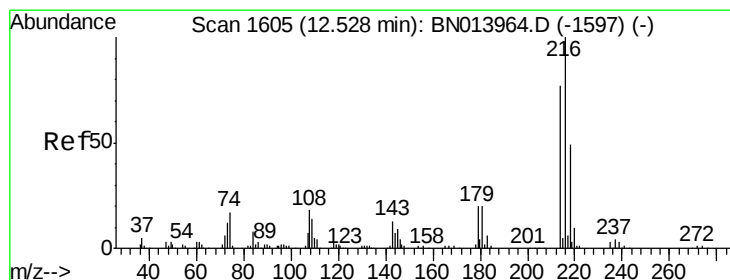
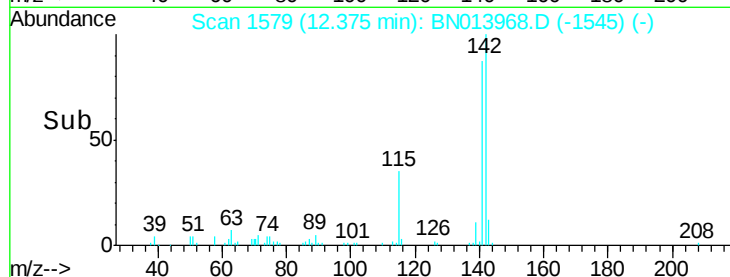
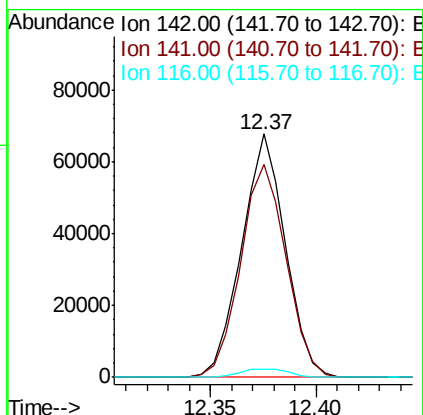
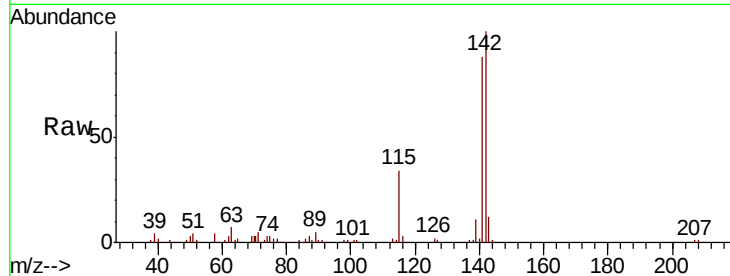




#37
1-Methylnaphthalene
Concen: 4.648 ng/ul
RT: 12.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BN013968.D
Acq: 17 Mar 2021 13:46

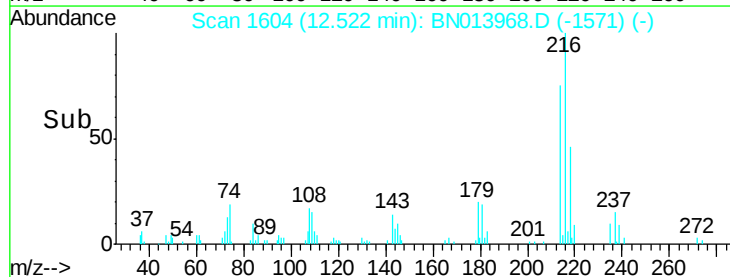
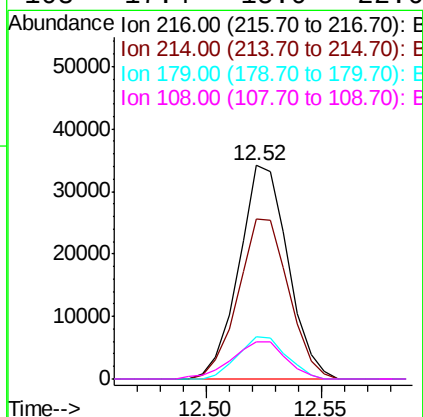
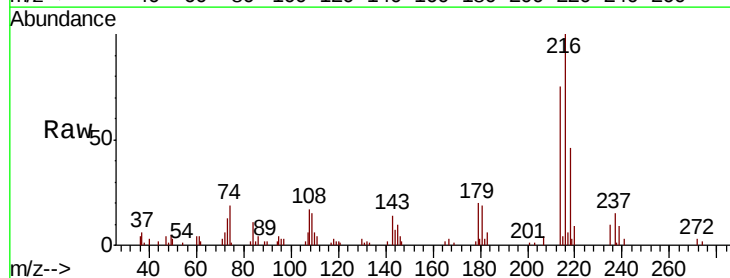
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2021-03

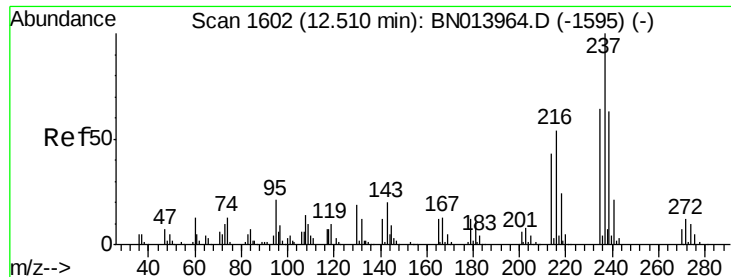
Tot Ion:142 Resp: 97314
Ion Ratio Lower Upper
142 100
141 87.7 73.1 109.7
116 3.2 3.2 4.8#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.806 ng/ul
RT: 12.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BN013968.D
Acq: 17 Mar 2021 13:46

Tgt Ion:216 Resp: 50513
Ion Ratio Lower Upper
216 100
214 74.9 61.5 92.3
179 19.6 16.3 24.5
108 17.4 15.0 22.6

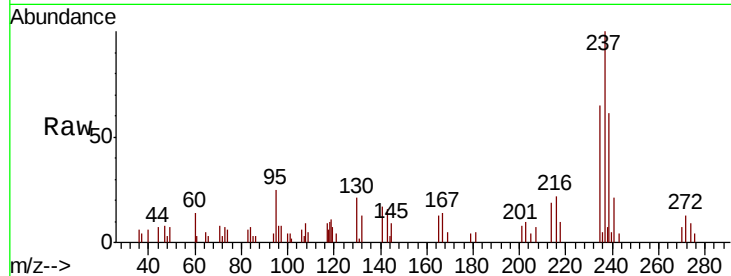




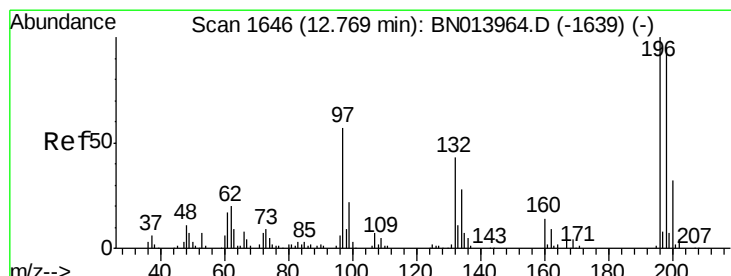
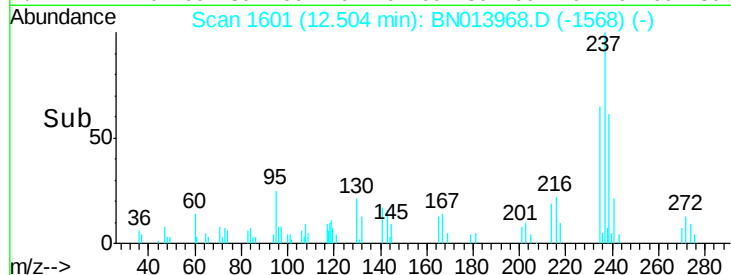
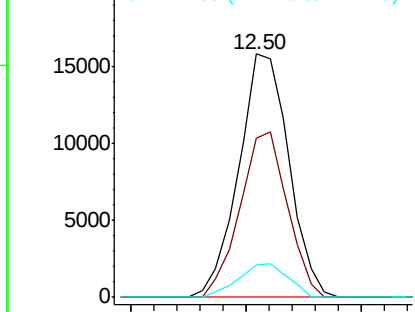
#40
Hexachlorocyclopentadiene
Concen: 3.781 ng/ul
RT: 12.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BN013968.D
Acq: 17 Mar 2021 13:46

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2021-03

Tot Ion:237 Resp: 24006
Ion Ratio Lower Upper
237 100
235 65.2 50.6 75.8
272 13.3 10.4 15.6

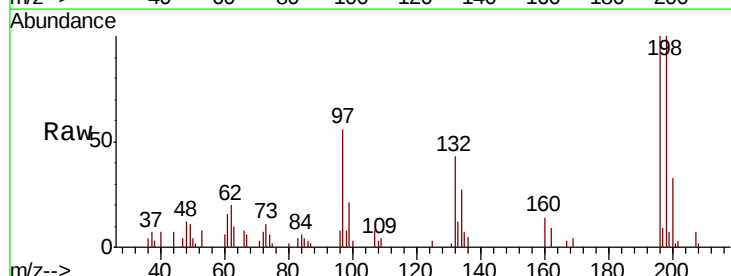


Abundance Ion 237.00 (236.70 to 237.70): E
Ion 235.00 (234.70 to 235.70): E
Ion 272.00 (271.70 to 272.70): E

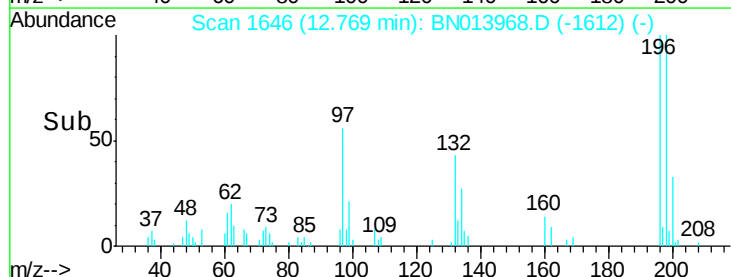
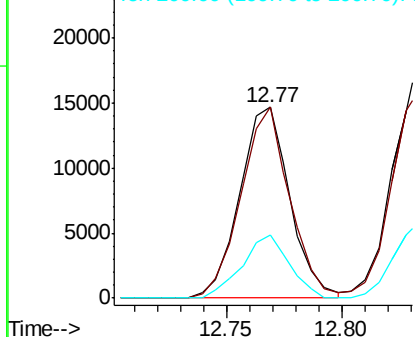


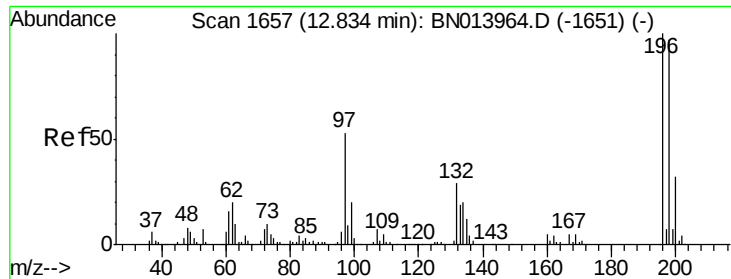
#41
2,4,6-Trichlorophenol
Concen: 3.779 ng/ul
RT: 12.77 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BN013968.D
Acq: 17 Mar 2021 13:46

Tgt Ion:196 Resp: 22166
Ion Ratio Lower Upper
196 100
198 100.4 79.8 119.6
200 32.9 24.1 36.1



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: 4.107 ng/ul

RT: 12.83 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-03

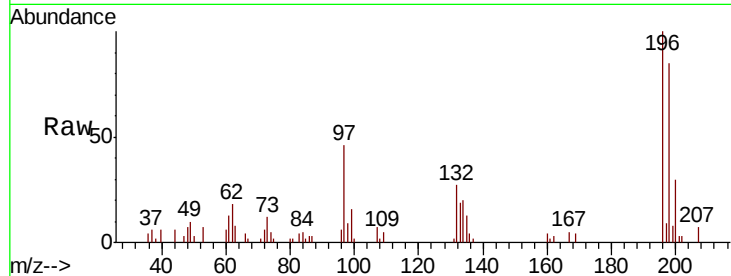
Tot Ion:196 Resp: 26957

Ion Ratio Lower Upper

196 100

198 85.1 78.1 117.1

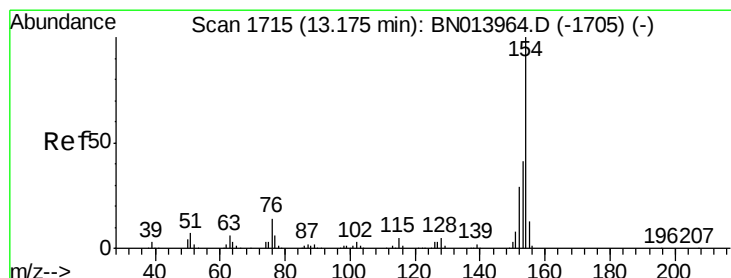
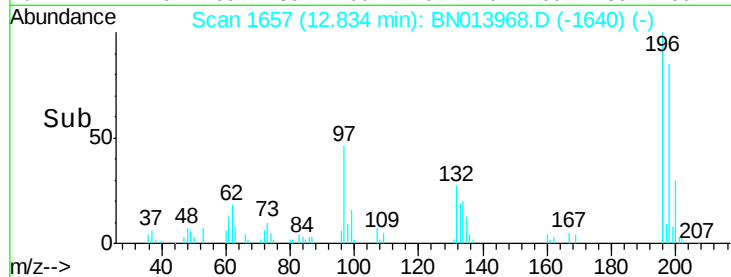
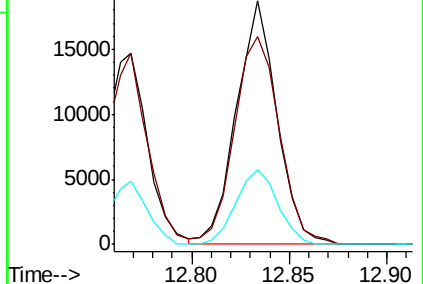
200 30.4 25.8 38.8



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: 4.749 ng/ul

RT: 13.17 min Scan# 1715

Delta R.T. 0.00 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

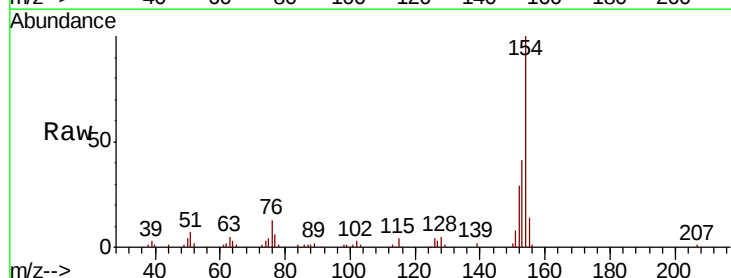
Tgt Ion:154 Resp: 126927

Ion Ratio Lower Upper

154 100

153 41.5 31.8 47.8

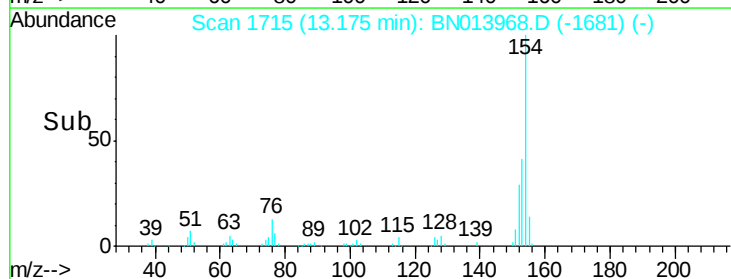
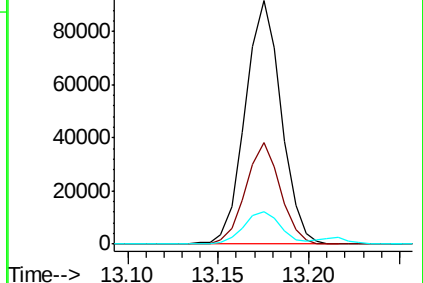
76 13.2 10.6 16.0

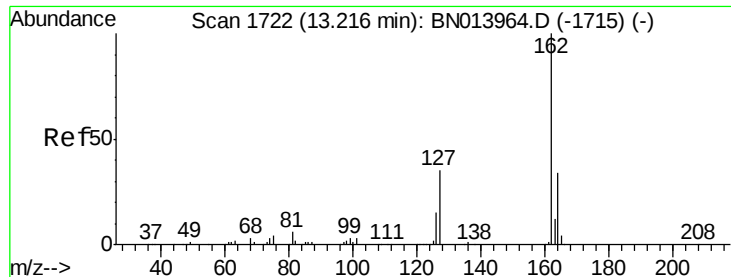


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNO

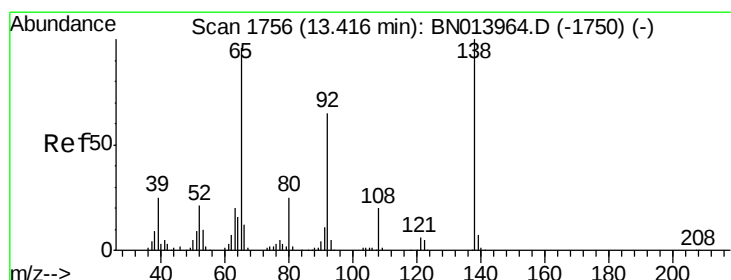
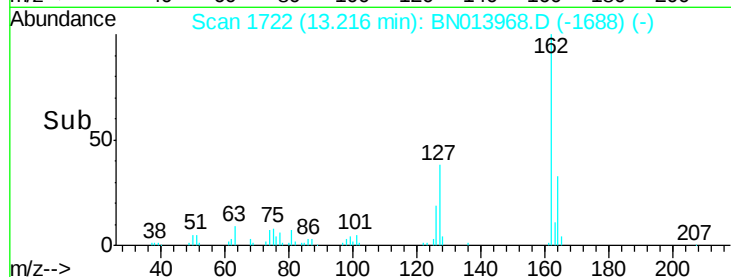
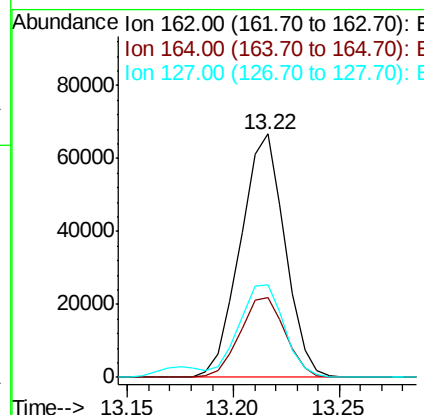
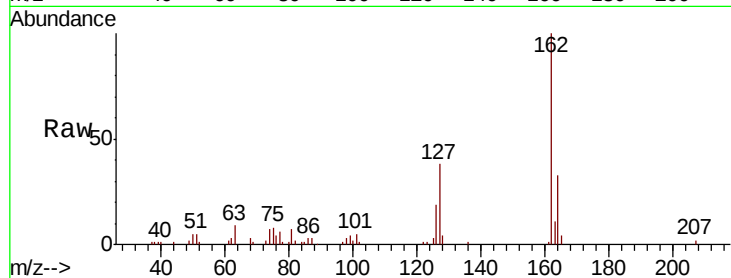




#44
2-Chloronaphthalene
Concen: 4.689 ng/ul
RT: 13.22 min Scan# 1722
Delta R.T. 0.00 min
Lab File: BN013968.D
Acq: 17 Mar 2021 13:46

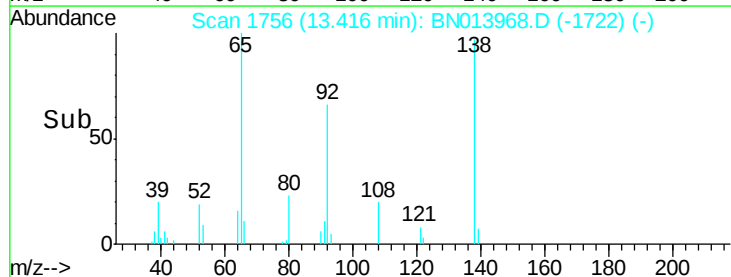
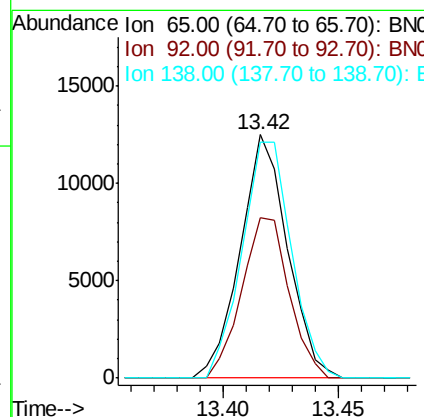
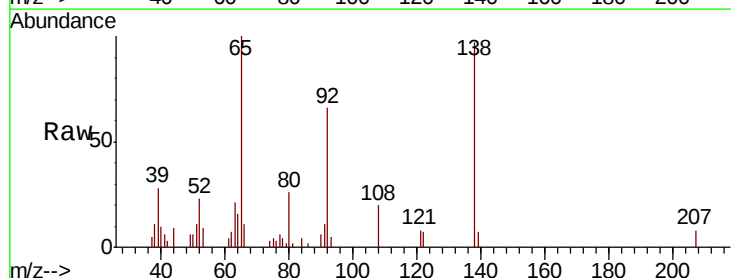
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2021-03

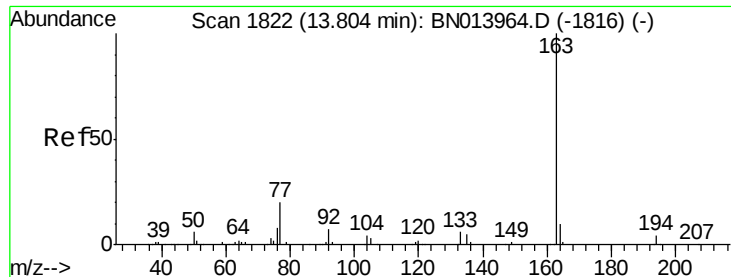
Tot Ion:162 Resp: 97637
Ion Ratio Lower Upper
162 100
164 32.9 26.1 39.1
127 38.0 31.1 46.7



#45
2-Nitroaniline
Concen: 3.533 ng/ul
RT: 13.42 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BN013968.D
Acq: 17 Mar 2021 13:46

Tgt Ion: 65 Resp: 17843
Ion Ratio Lower Upper
65 100
92 65.9 55.4 83.2
138 96.7 84.6 126.8





#47

Dimethylphthalate

Concen: 4.903 ng/ul

RT: 13.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-03

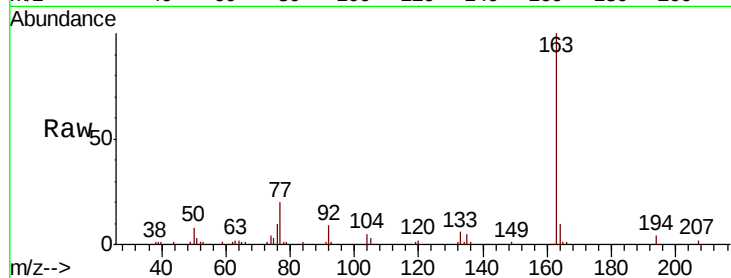
Tot Ion:163 Resp: 118948

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

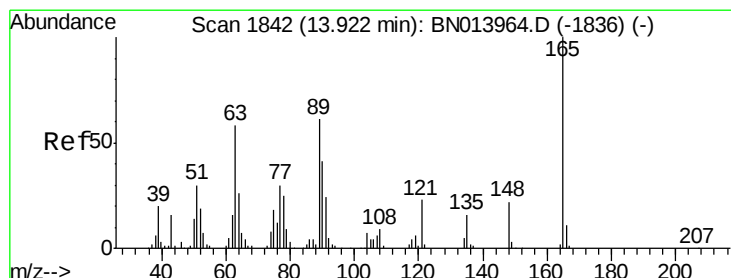
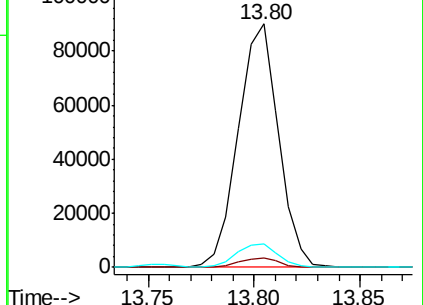
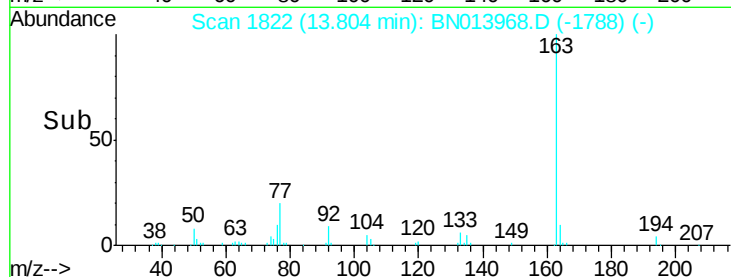
164 9.9 8.2 12.2



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: 3.673 ng/ul

RT: 13.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

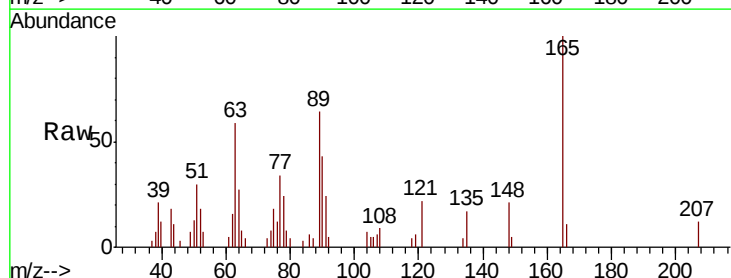
Tgt Ion:165 Resp: 15798

Ion Ratio Lower Upper

165 100

89 63.6 49.7 74.5

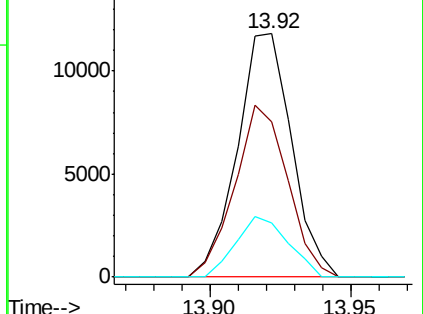
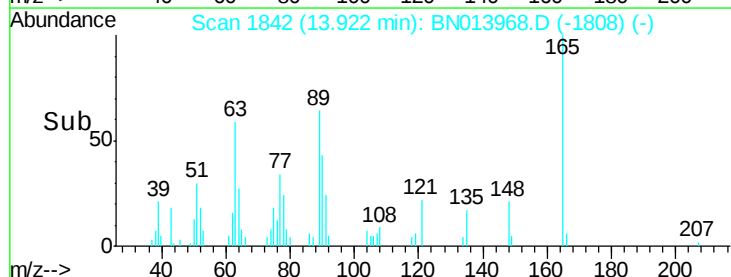
121 22.2 18.3 27.5

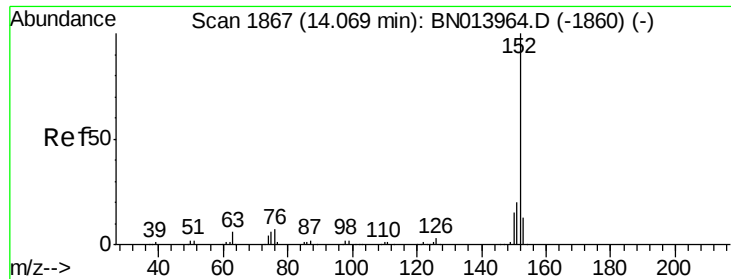


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNO

Ion 121.00 (120.70 to 121.70): E





#50

Acenaphthylene

Concen: 4.868 ng/ul

RT: 14.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-03

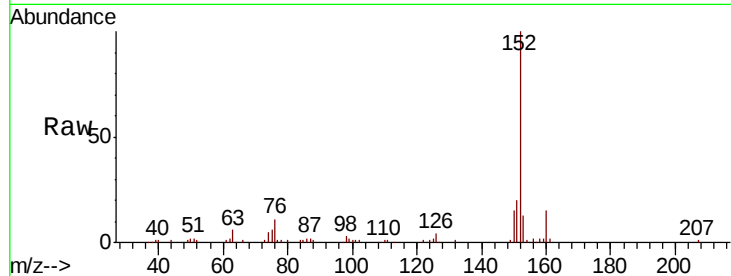
Tot Ion:152 Resp: 147531

Ion Ratio Lower Upper

152 100

151 19.7 16.1 24.1

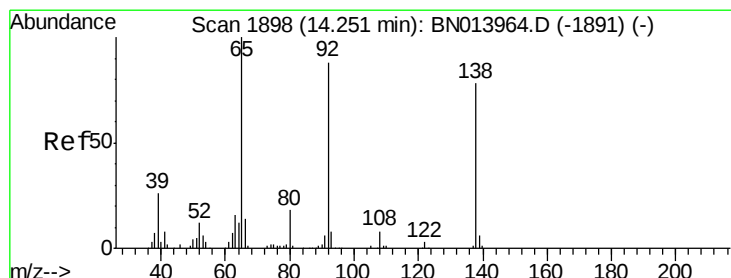
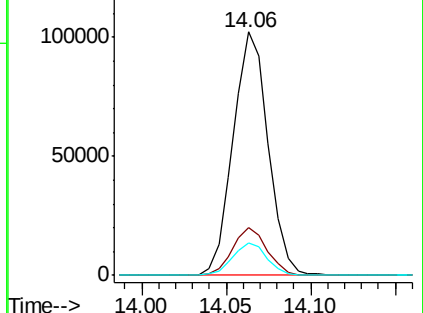
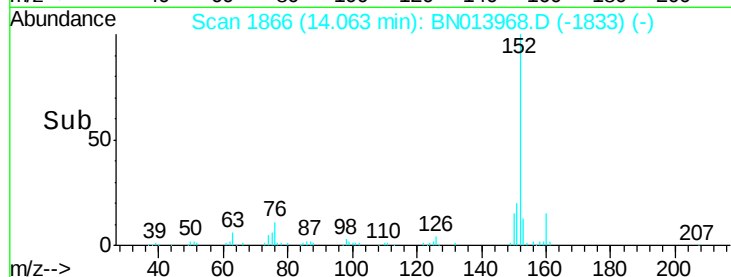
153 13.2 10.7 16.1



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: 3.301 ng/ul

RT: 14.25 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

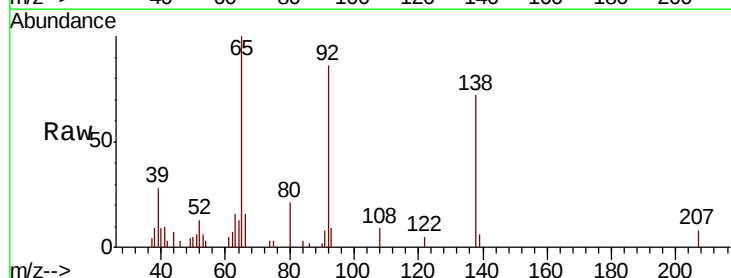
Tgt Ion:138 Resp: 16953

Ion Ratio Lower Upper

138 100

108 12.8 9.1 13.7

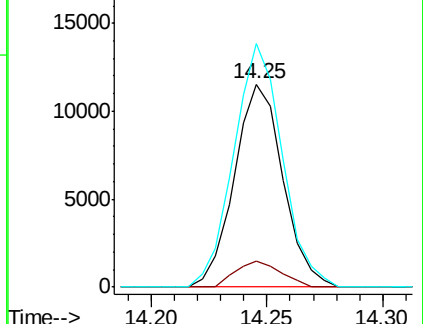
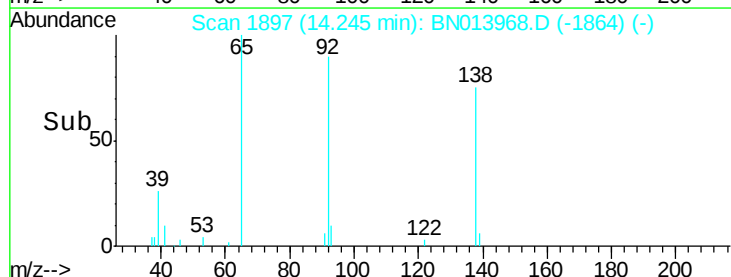
92 120.1 99.1 148.7

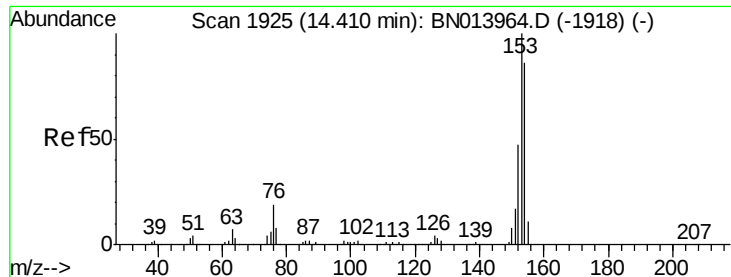


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNO





#52

Acenaphthene

Concen: 4.797 ng/ul

RT: 14.41 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-03

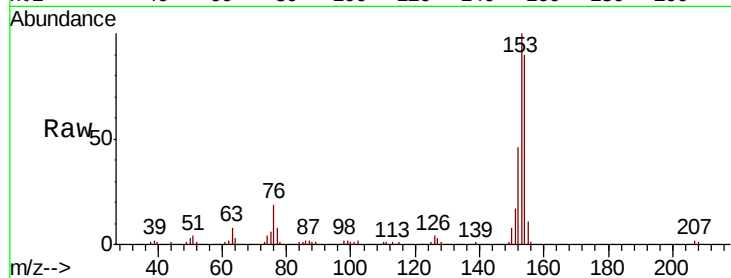
Tot Ion:153 Resp: 105858

Ion Ratio Lower Upper

153 100

152 46.4 38.6 57.8

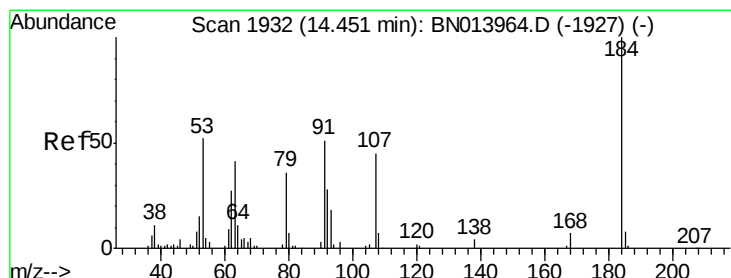
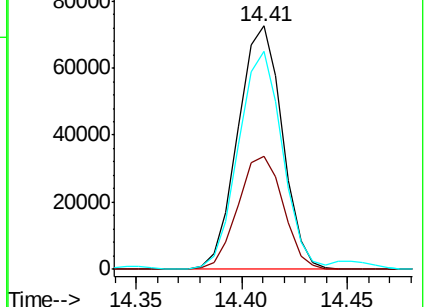
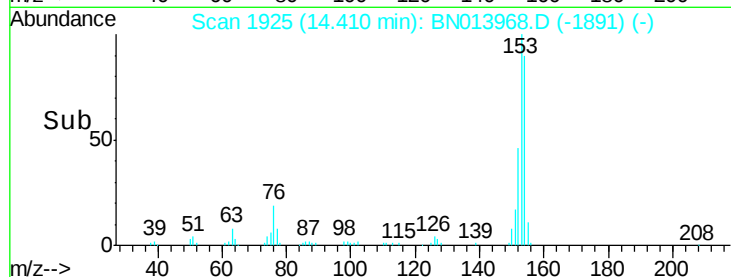
154 89.7 70.3 105.5



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: 2.414 ng/ul

RT: 14.45 min Scan# 1932

Delta R.T. 0.00 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

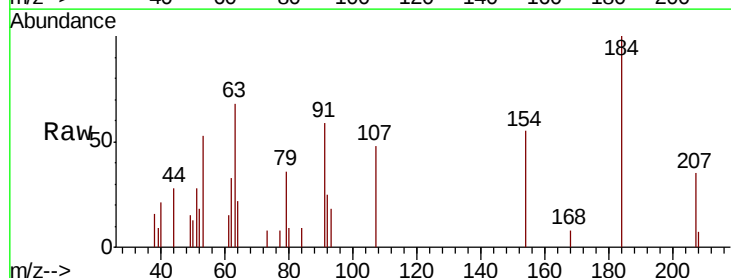
Tgt Ion:184 Resp: 5749

Ion Ratio Lower Upper

184 100

63 68.5 52.1 78.1

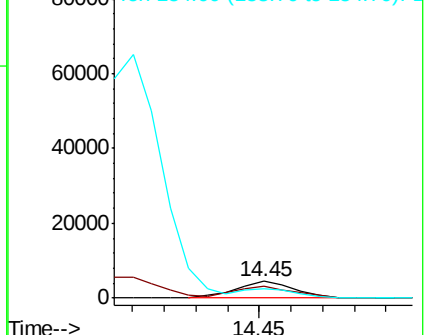
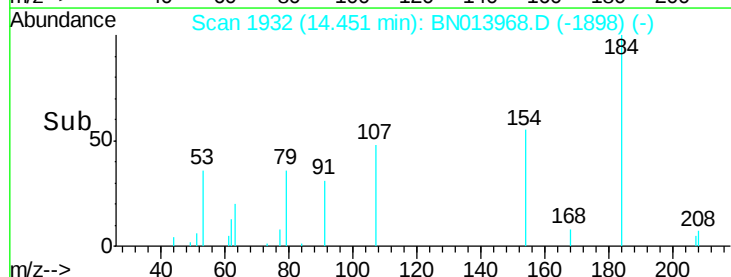
154 54.6 51.4 77.2

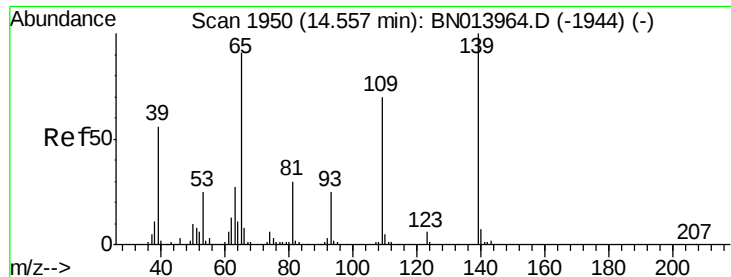


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 154.00 (153.70 to 154.70): E

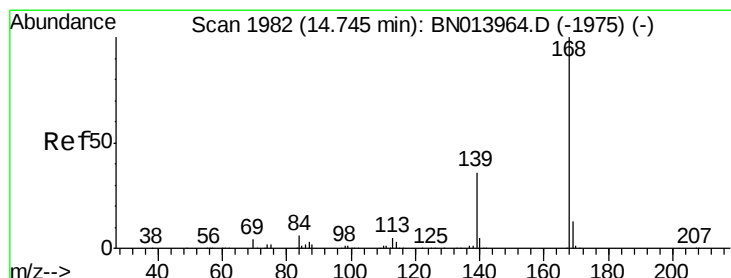
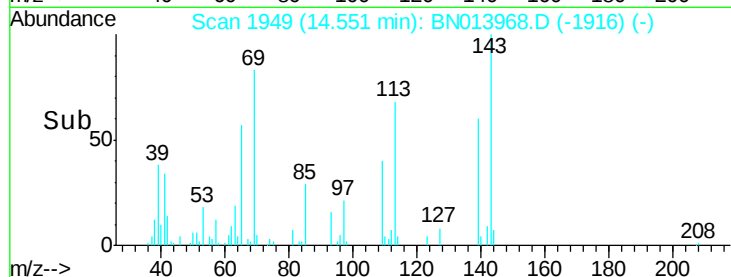
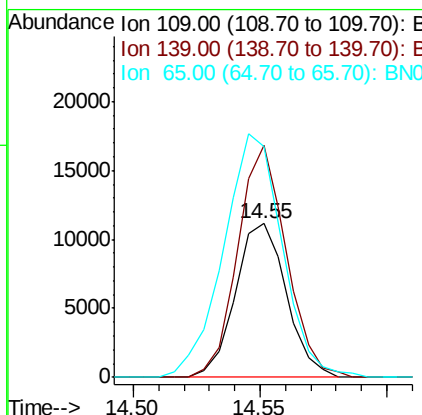
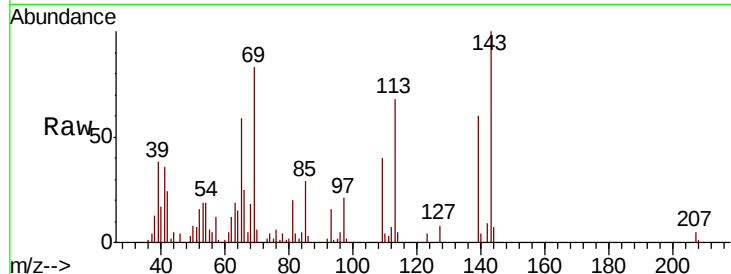




#55
4-Nitrophenol
Concen: 4.252 ng/ul
RT: 14.55 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BN013968.D
Acq: 17 Mar 2021 13:46

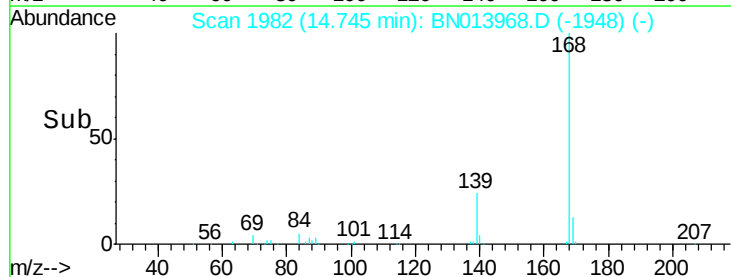
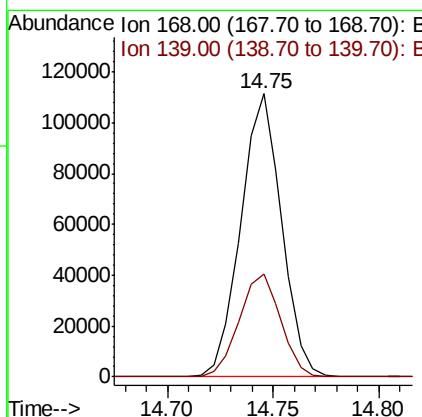
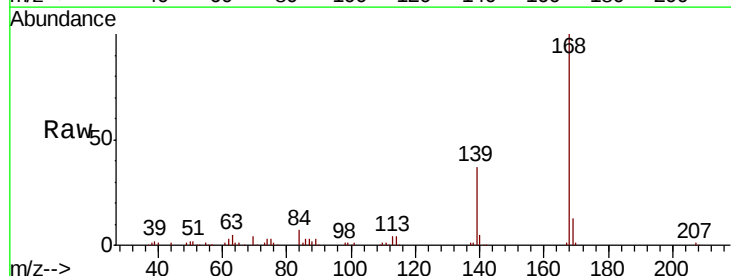
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2021-03

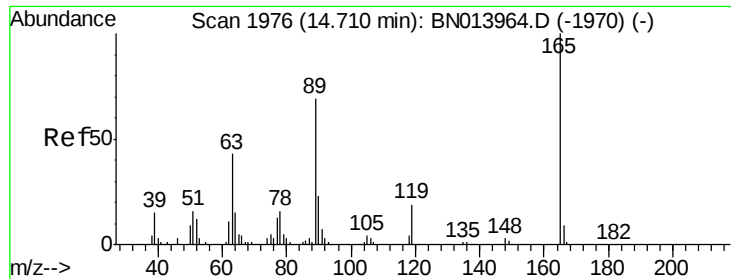
Tot Ion:109 Resp: 15527
Ion Ratio Lower Upper
109 100
139 150.9 107.1 160.7
65 150.2 107.1 160.7



#56
Dibenzofuran
Concen: 4.886 ng/ul
RT: 14.75 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BN013968.D
Acq: 17 Mar 2021 13:46

Tgt Ion:168 Resp: 149048
Ion Ratio Lower Upper
168 100
139 36.6 29.4 44.2

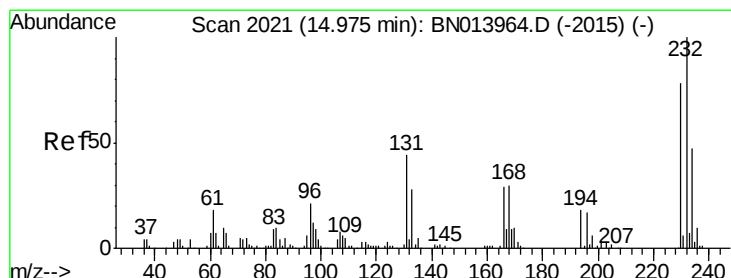
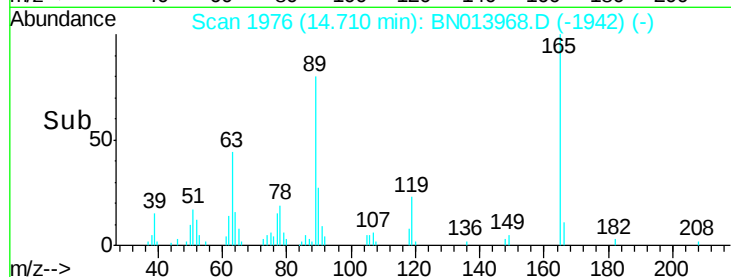
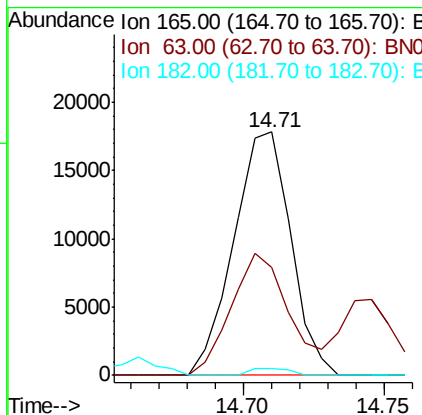
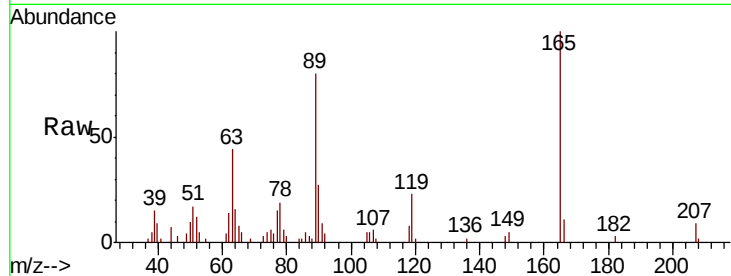




#57
 2,4-Dinitrotoluene
 Concen: 4.048 ng/ul
 RT: 14.71 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: BN013968.D
 Acq: 17 Mar 2021 13:46

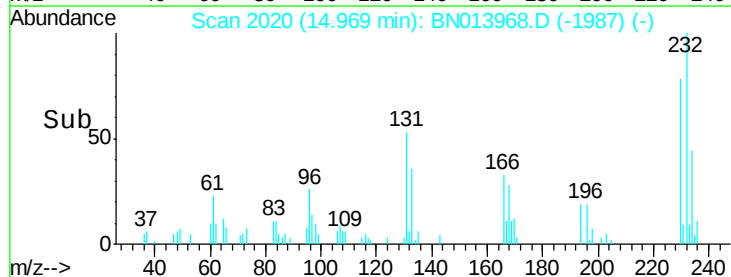
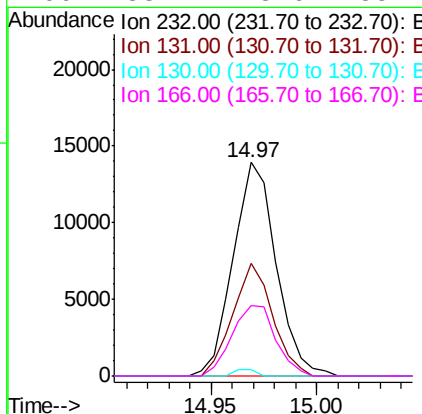
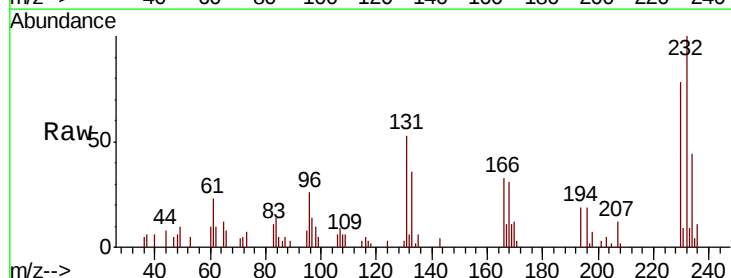
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT2-2021-03

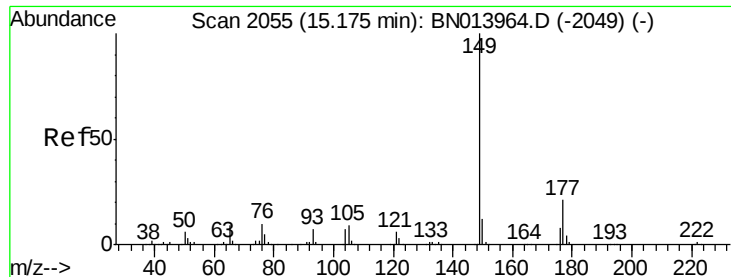
Tot Ion:165 Resp: 24986
 Ion Ratio Lower Upper
 165 100
 63 44.3 36.2 54.2
 182 2.9 1.9 2.9#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.875 ng/ul
 RT: 14.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BN013968.D
 Acq: 17 Mar 2021 13:46

Tgt Ion:232 Resp: 19696
 Ion Ratio Lower Upper
 232 100
 131 52.5 35.6 53.4
 130 2.7 2.3 3.5
 166 33.1 23.6 35.4

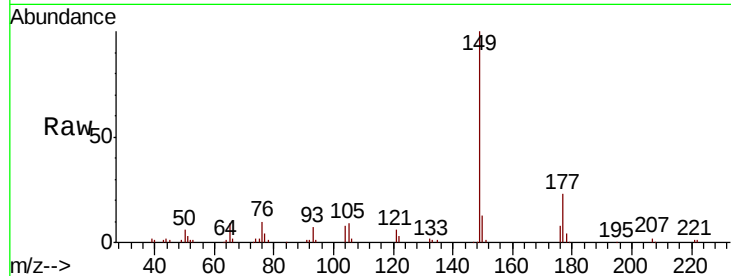




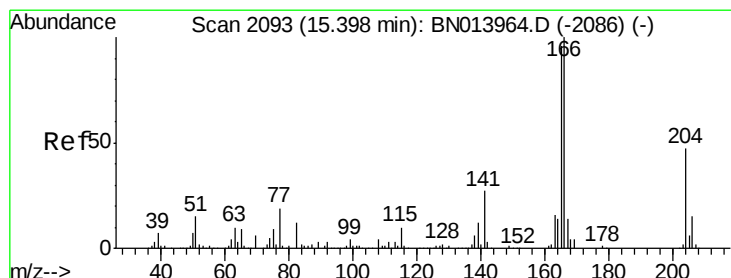
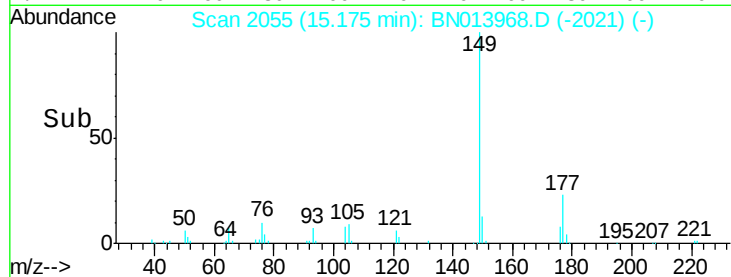
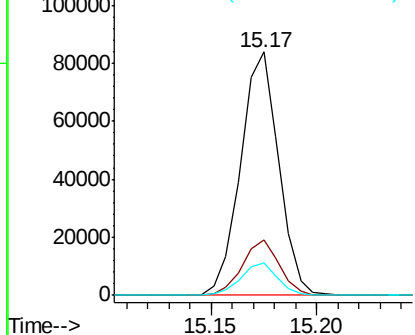
#59
Diethylphthalate
Concen: 4.435 ng/ul
RT: 15.17 min Scan# 2055
Delta R.T. 0.00 min
Lab File: BN013968.D
Acq: 17 Mar 2021 13:46

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2021-03

Tot Ion:149 Resp: 105058
Ion Ratio Lower Upper
149 100
177 22.6 17.0 25.6
150 13.1 10.1 15.1

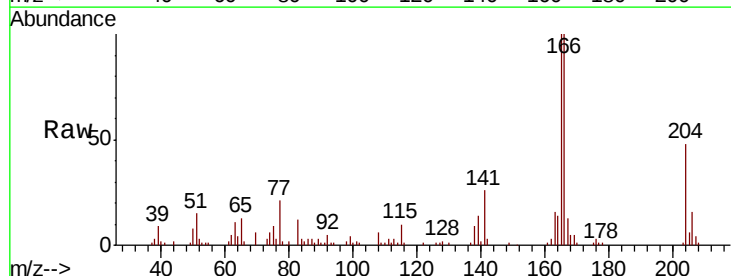


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

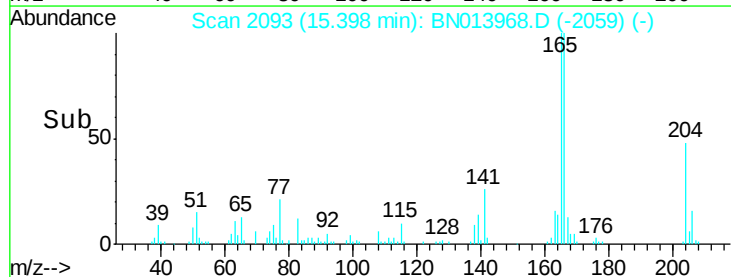
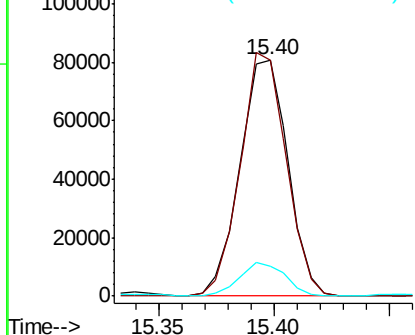


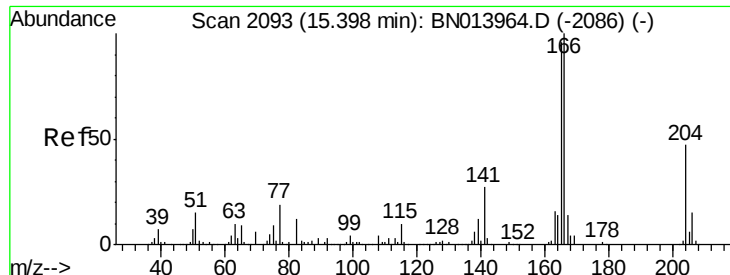
#61
Fluorene
Concen: 4.752 ng/ul
RT: 15.40 min Scan# 2093
Delta R.T. 0.00 min
Lab File: BN013968.D
Acq: 17 Mar 2021 13:46

Tgt Ion:166 Resp: 117034
Ion Ratio Lower Upper
166 100
165 99.8 76.9 115.3
167 12.8 10.3 15.5



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

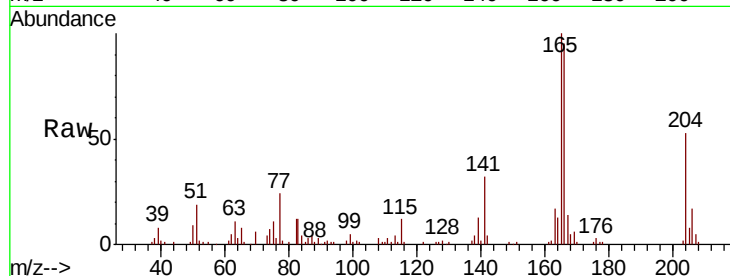




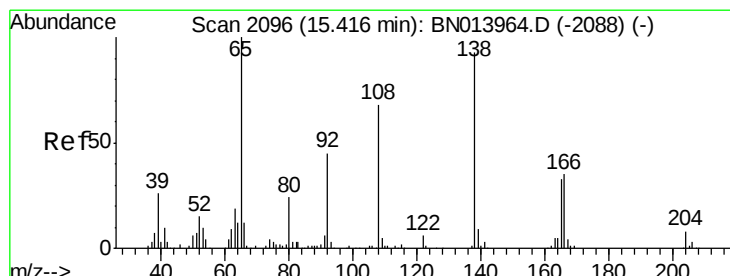
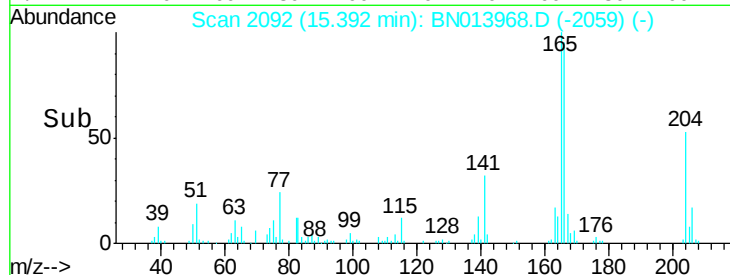
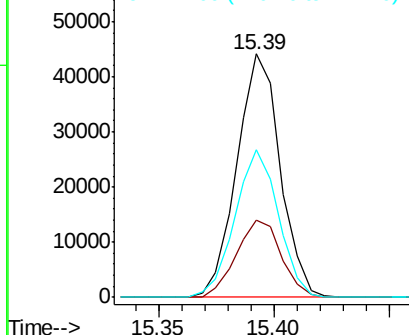
#62
 4-Chlorophenyl-phenylether
 Concen: 4.853 ng/ul
 RT: 15.39 min Scan# 2092
 Delta R.T. -0.01 min
 Lab File: BN013968.D
 Acq: 17 Mar 2021 13:46

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT2-2021-03

Tot Ion:204 Resp: 57677
 Ion Ratio Lower Upper
 204 100
 206 31.7 28.6 43.0
 141 60.7 49.0 73.6

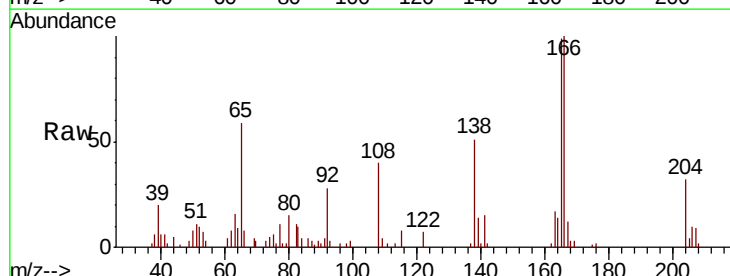


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

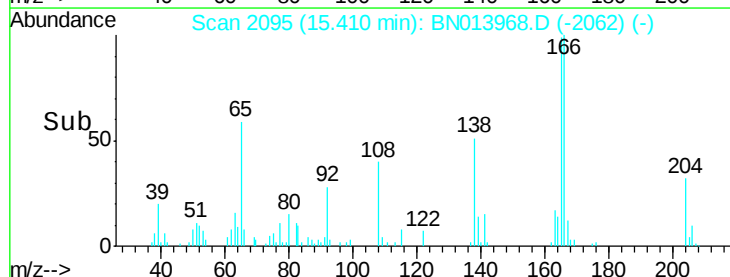
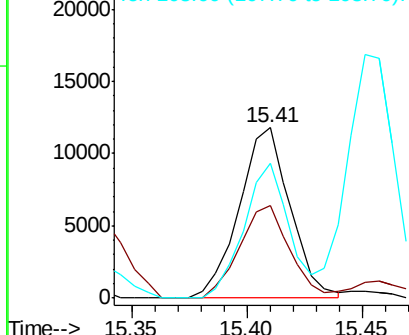


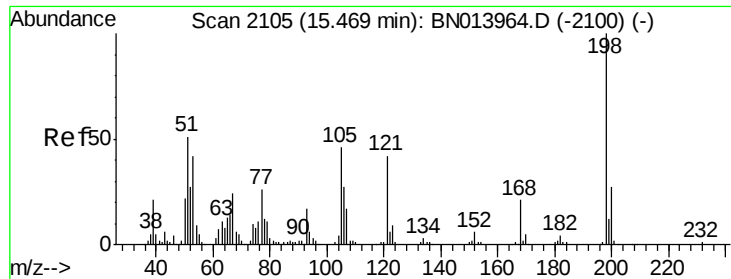
#63
 4-Nitroaniline
 Concen: 3.561 ng/ul
 RT: 15.41 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BN013968.D
 Acq: 17 Mar 2021 13:46

Tgt Ion:138 Resp: 18107
 Ion Ratio Lower Upper
 138 100
 92 54.8 41.8 62.6
 108 79.3 62.1 93.1



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

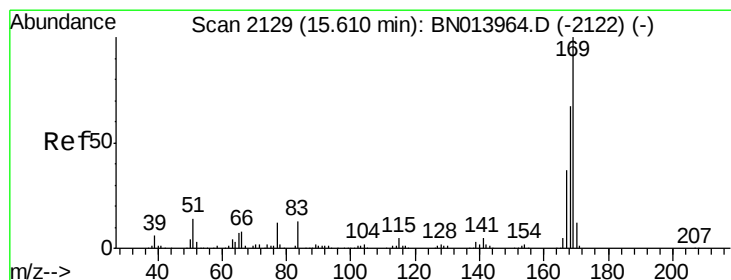
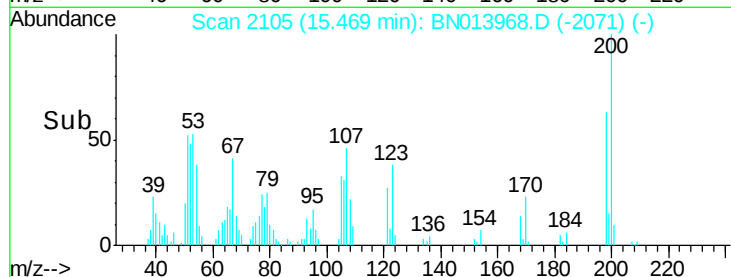
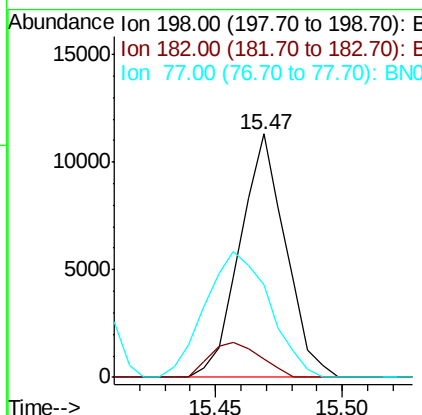
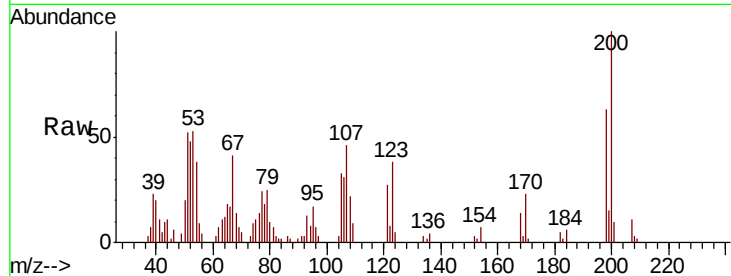




#66
 4,6-Dinitro-2-methylphenol
 Concen: 3.876 ng/ul
 RT: 15.47 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BN013968.D
 Acq: 17 Mar 2021 13:46

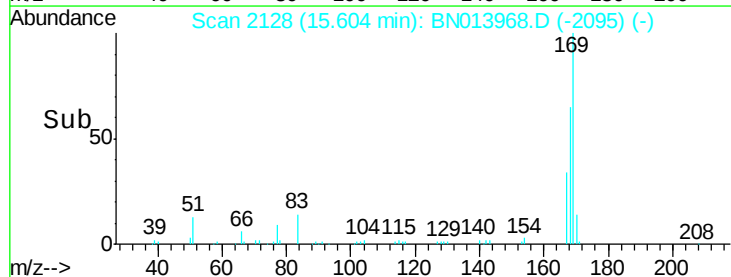
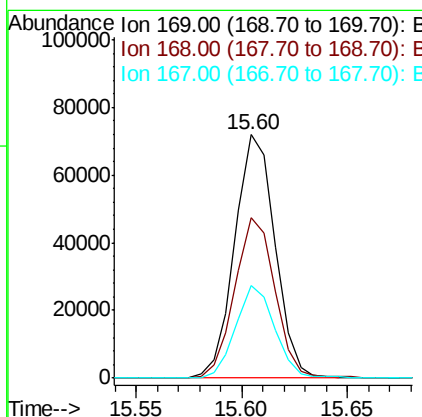
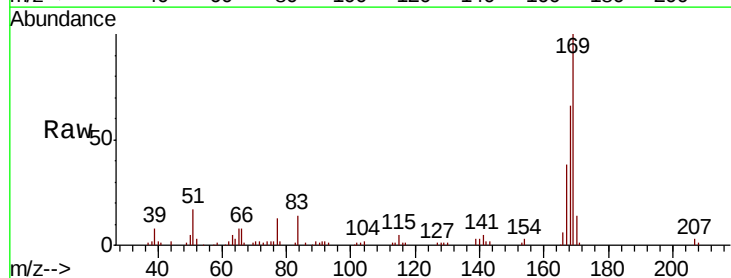
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT2-2021-03

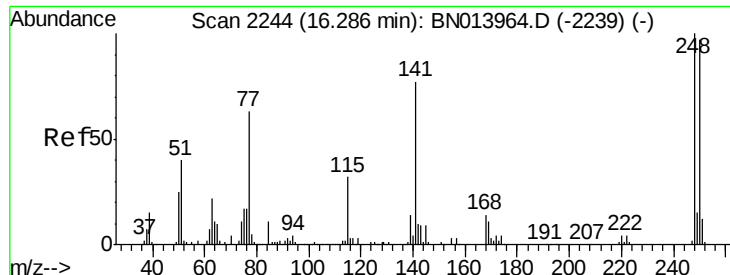
Tot Ion:198 Resp: 14225
 Ion Ratio Lower Upper
 198 100
 182 7.4 4.6 7.0#
 77 37.8 24.4 36.6#



#67
 N-Nitrosodiphenylamine
 Concen: 4.496 ng/ul
 RT: 15.60 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BN013968.D
 Acq: 17 Mar 2021 13:46

Tgt Ion:169 Resp: 95162
 Ion Ratio Lower Upper
 169 100
 168 65.9 53.8 80.6
 167 37.8 28.4 42.6

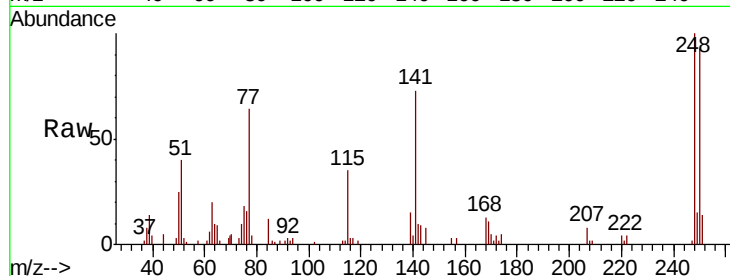




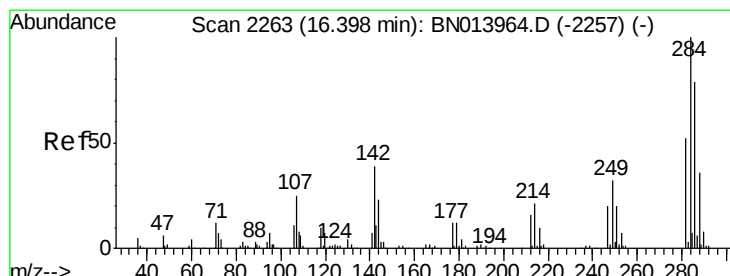
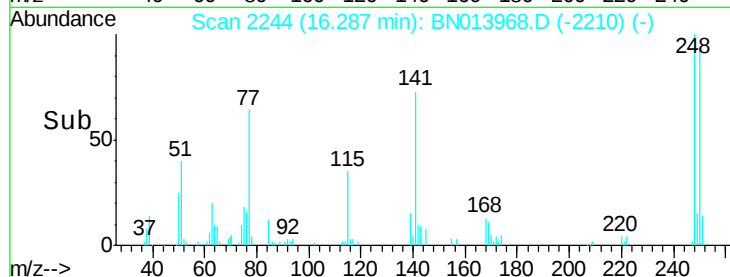
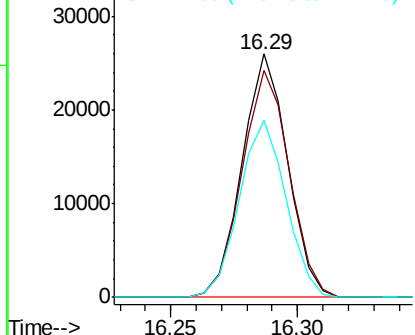
#68
4-Bromophenyl-phenylether
Concen: 4.565 ng/ul
RT: 16.29 min Scan# 2244
Delta R.T. 0.00 min
Lab File: BN013968.D
Acq: 17 Mar 2021 13:46

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2021-03

Tot Ion:248 Resp: 32445
Ion Ratio Lower Upper
248 100
250 93.2 76.5 114.7
141 72.7 62.9 94.3

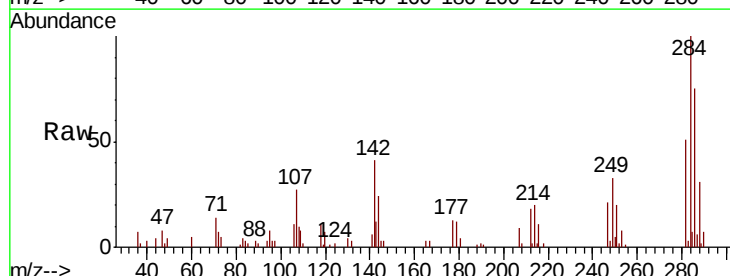


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

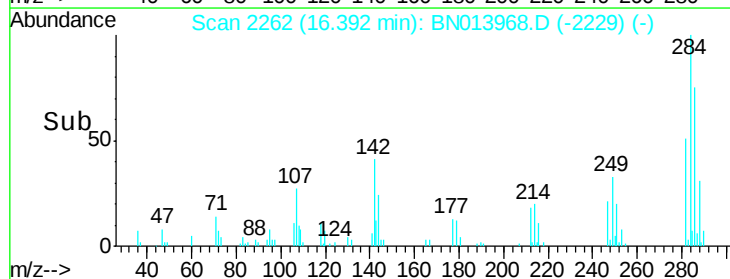
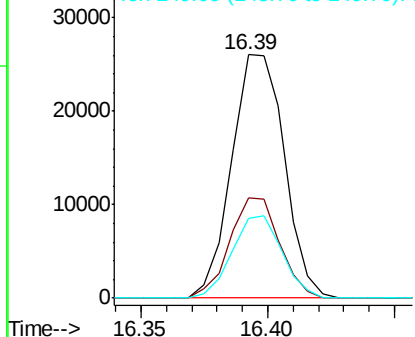


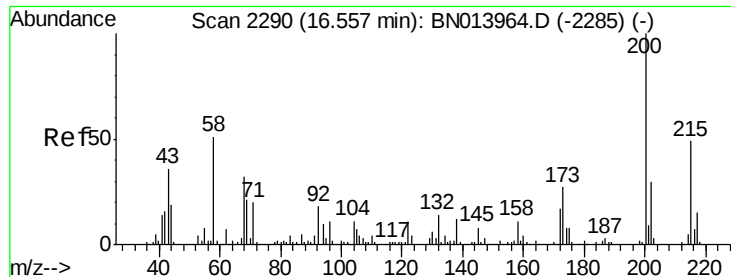
#69
Hexachlorobenzene
Concen: 4.570 ng/ul
RT: 16.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BN013968.D
Acq: 17 Mar 2021 13:46

Tgt Ion:284 Resp: 37646
Ion Ratio Lower Upper
284 100
142 41.3 31.7 47.5
249 32.9 26.1 39.1



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

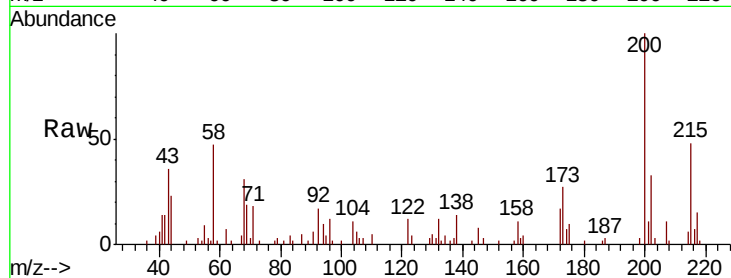




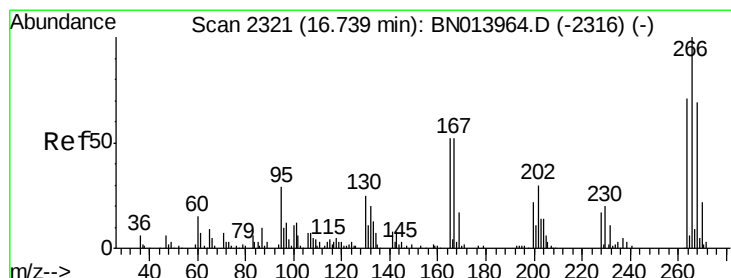
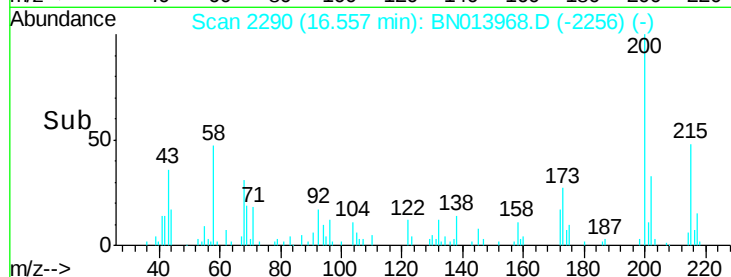
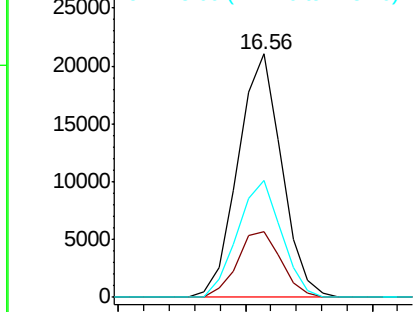
#70
 Atrazine
 Concen: 3.518 ng/ul
 RT: 16.56 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: BN013968.D
 Acq: 17 Mar 2021 13:46

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT2-2021-03

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	21.1	31.7
215	47.8	38.2	57.2

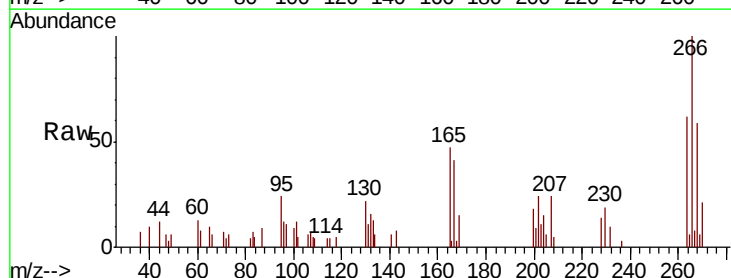


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

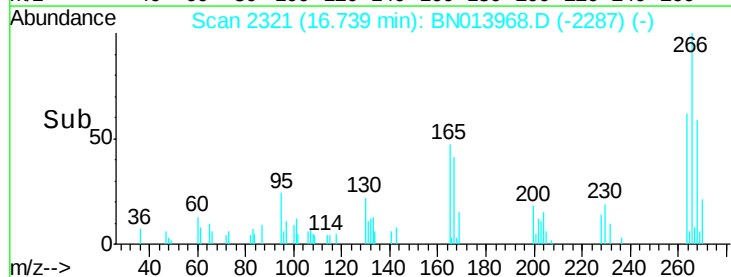
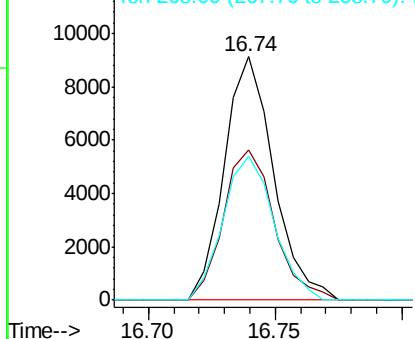


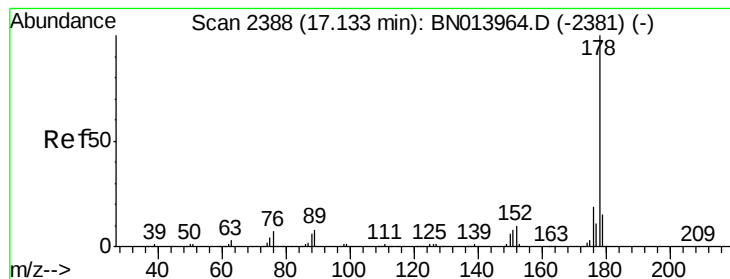
#71
 Pentachlorophenol
 Concen: 2.796 ng/ul
 RT: 16.74 min Scan# 2321
 Delta R.T. 0.00 min
 Lab File: BN013968.D
 Acq: 17 Mar 2021 13:46

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.5	50.1	75.1
268	59.3	52.7	79.1



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: 4.792 ng/ul

RT: 17.13 min Scan# 2388

Delta R.T. 0.00 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-03

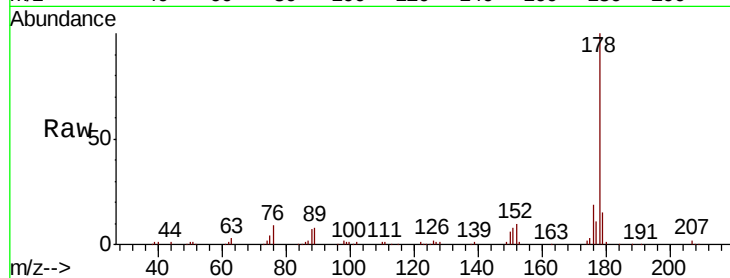
Tot Ion:178 Resp: 189937

Ion Ratio Lower Upper

178 100

179 15.1 11.9 17.9

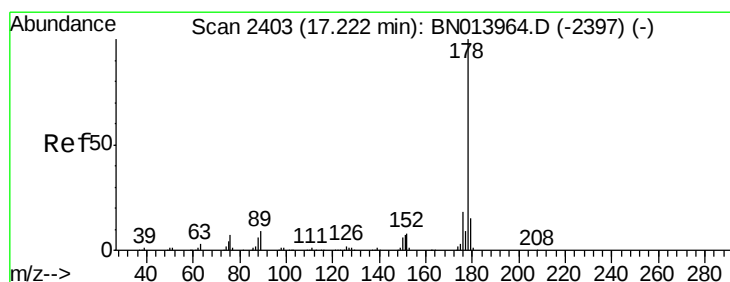
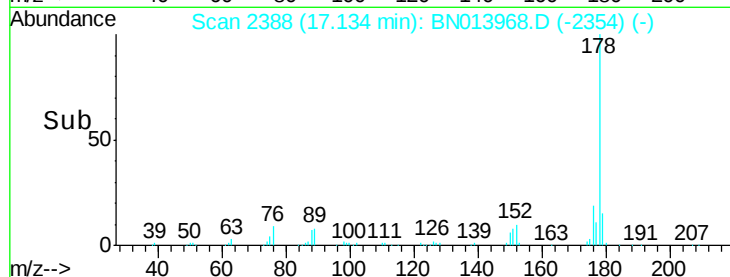
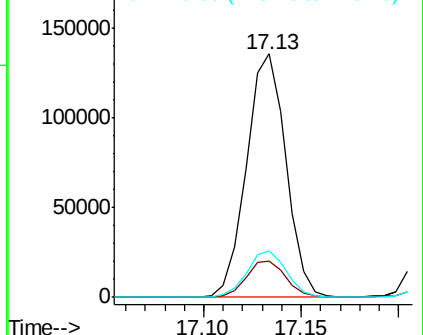
176 19.3 15.0 22.4



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: 4.838 ng/ul

RT: 17.22 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

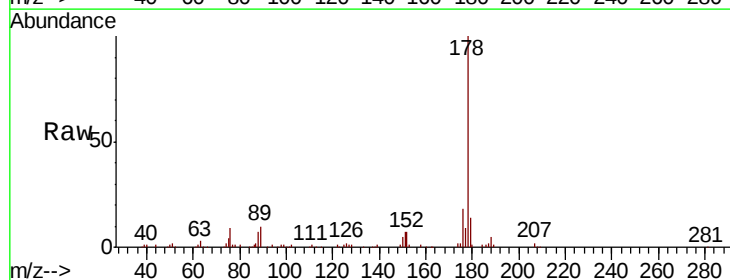
Tgt Ion:178 Resp: 195955

Ion Ratio Lower Upper

178 100

179 14.3 11.8 17.6

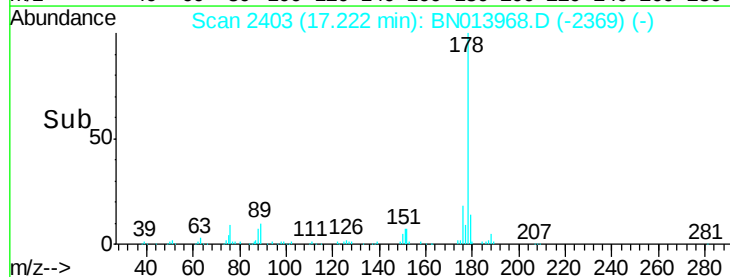
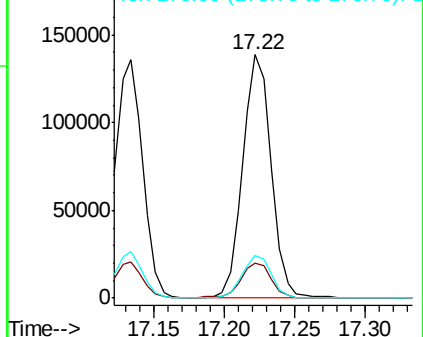
176 17.5 14.2 21.2

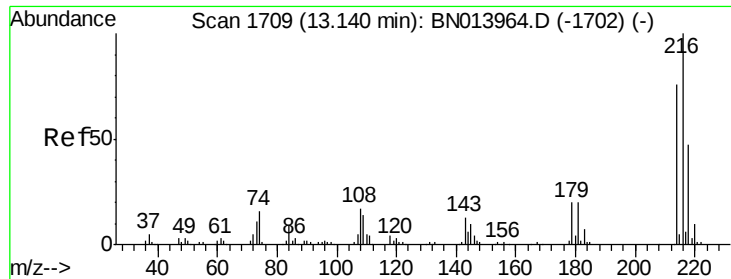


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

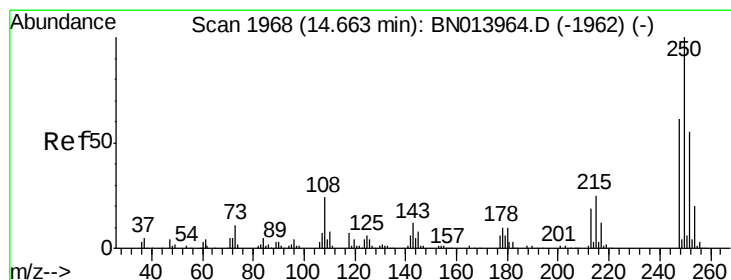
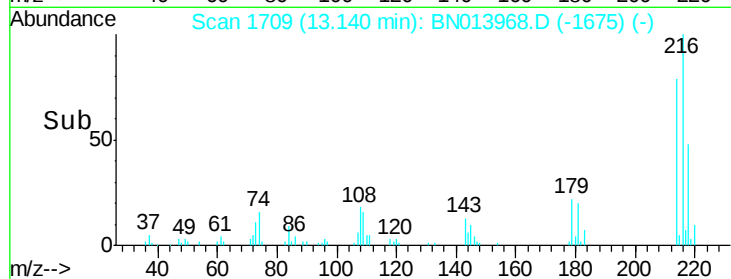
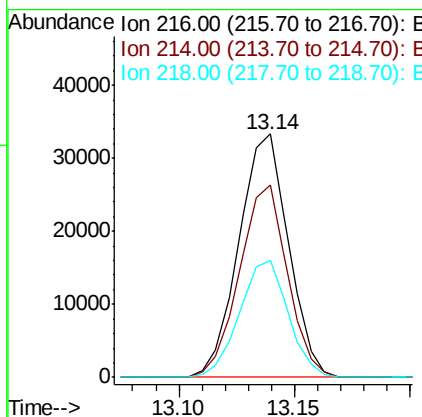
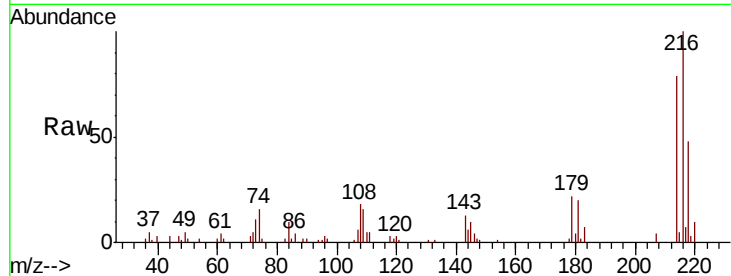




#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 4.607 ng/uL
 RT: 13.14 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BN013968.D
 Acq: 17 Mar 2021 13:46

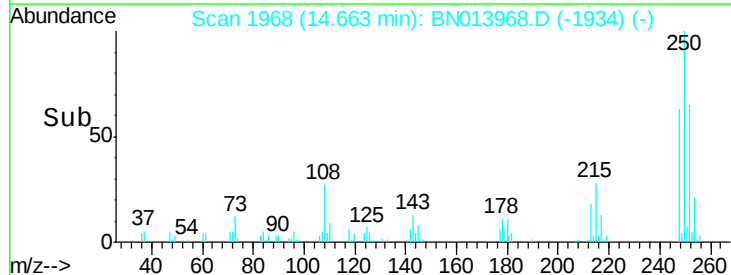
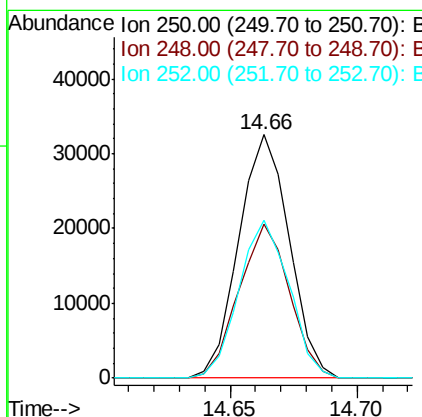
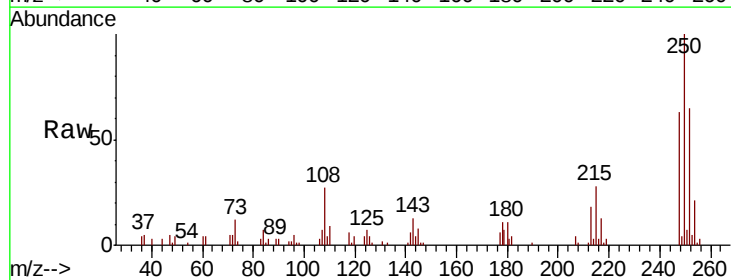
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT2-2021-03

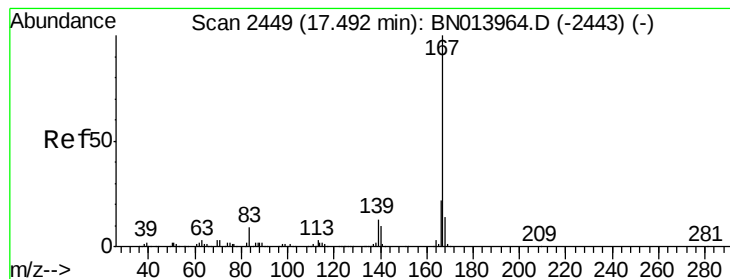
Tot Ion:216 Resp: 49925
 Ion Ratio Lower Upper
 216 100
 214 79.2 62.3 93.5
 218 48.2 40.2 60.2



#76
 Pentachlorobenzene
 Concen: 4.200 ng/uL
 RT: 14.66 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: BN013968.D
 Acq: 17 Mar 2021 13:46

Tgt Ion:250 Resp: 45431
 Ion Ratio Lower Upper
 250 100
 248 63.0 50.6 76.0
 252 64.6 51.4 77.2





#77

Carbazole

Concen: 4.269 ng/ul

RT: 17.49 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-03

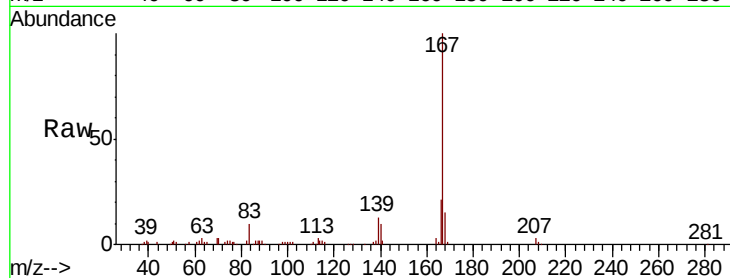
Tot Ion:167 Resp: 153614

Ion Ratio Lower Upper

167 100

166 20.6 17.2 25.8

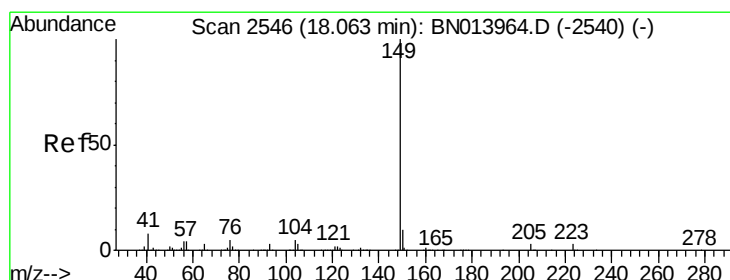
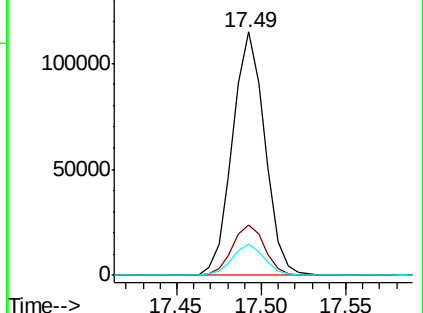
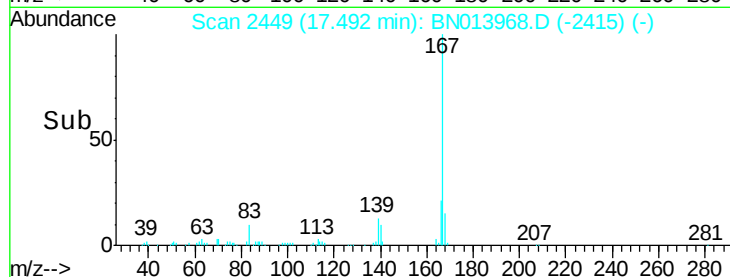
139 12.6 10.1 15.1



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: 3.751 ng/ul

RT: 18.06 min Scan# 2546

Delta R.T. 0.00 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

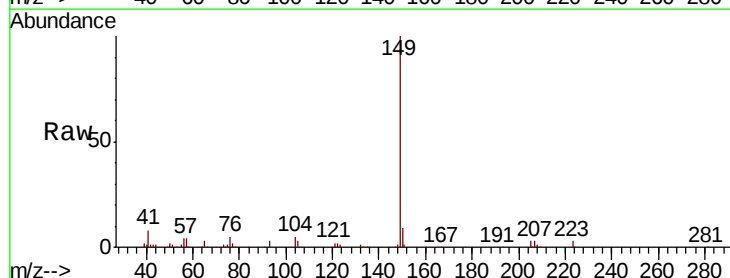
Tgt Ion:149 Resp: 139321

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

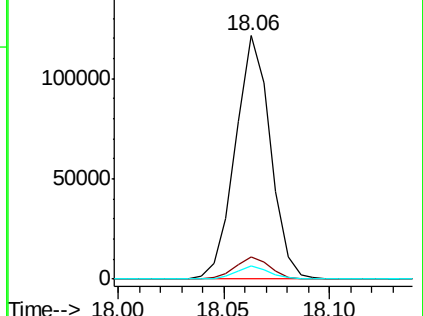
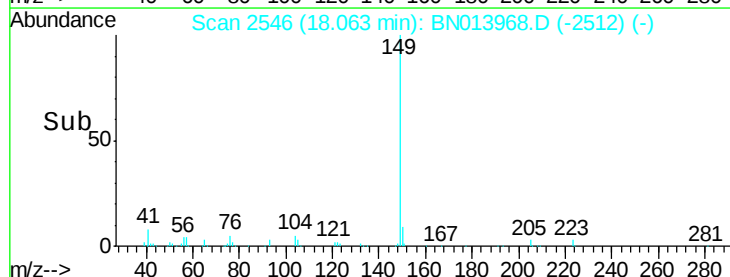
104 5.3 4.4 6.6

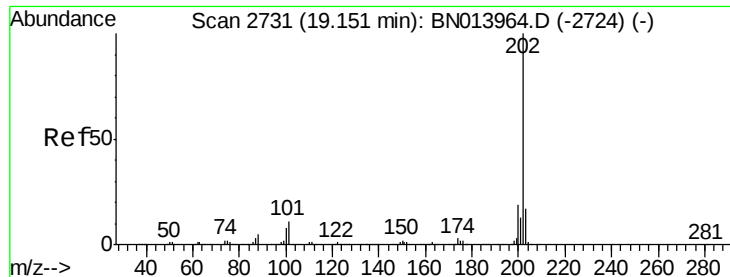


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#80

Fluoranthene

Concen: 4.380 ng/ul

RT: 19.15 min Scan# 2730

Delta R.T. -0.01 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-03

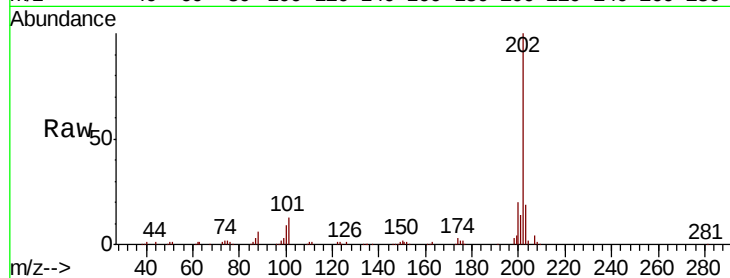
Tot Ion:202 Resp: 197018

Ion Ratio Lower Upper

202 100

101 12.8 9.0 13.6

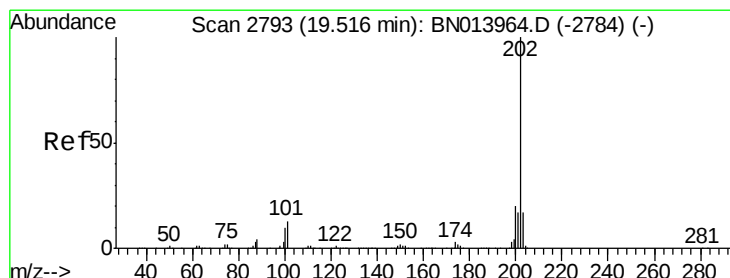
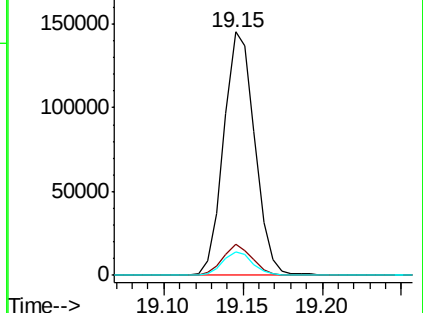
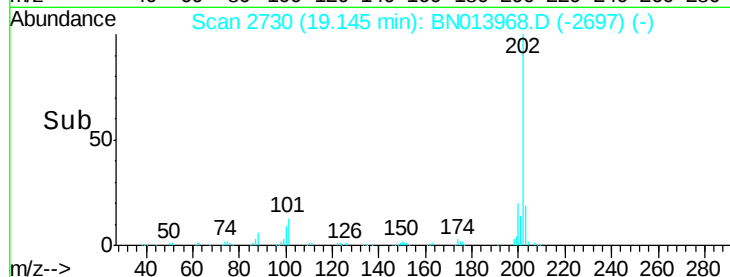
100 9.4 7.5 11.3



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

Pyrene

Concen: 4.601 ng/ul

RT: 19.51 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

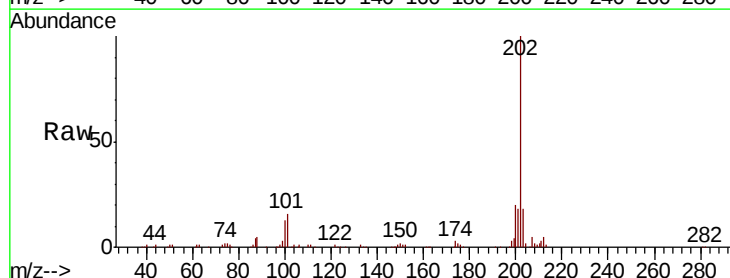
Tgt Ion:202 Resp: 221973

Ion Ratio Lower Upper

202 100

101 15.9 10.4 15.6#

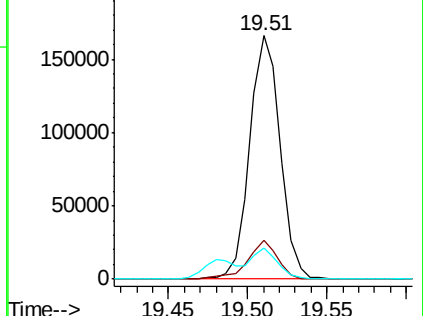
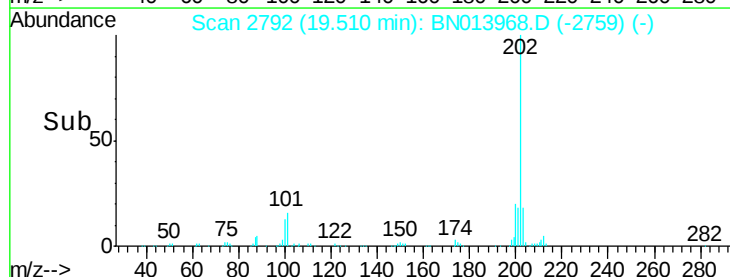
100 12.6 8.8 13.2

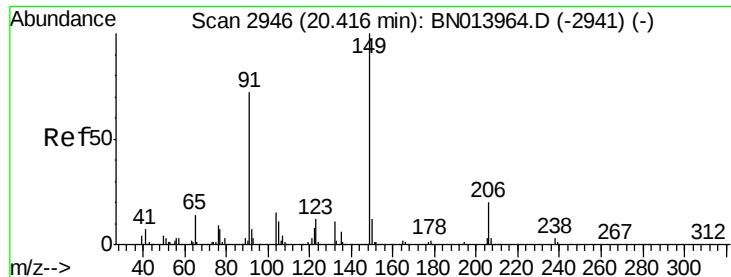


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

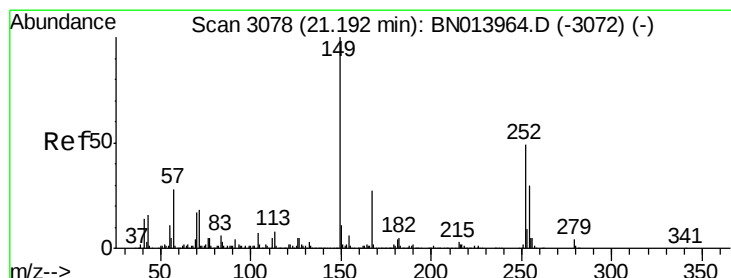
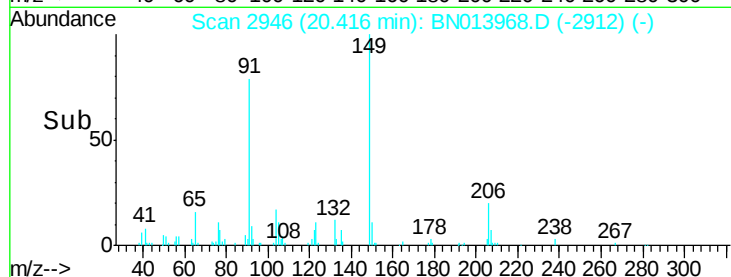
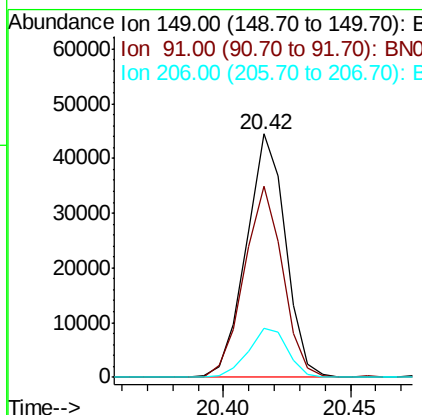
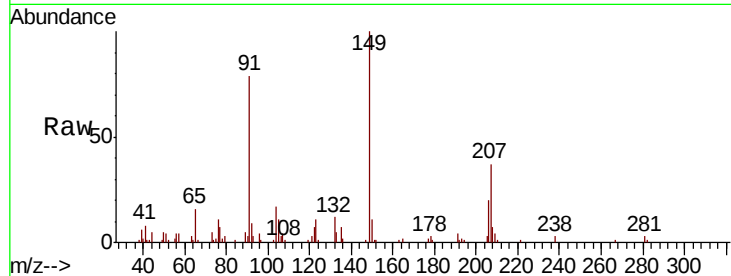




#83
 Butylbenzylphthalate
 Concen: 3.138 ng/ul
 RT: 20.42 min Scan# 2946
 Delta R.T. 0.00 min
 Lab File: BN013968.D
 Acq: 17 Mar 2021 13:46

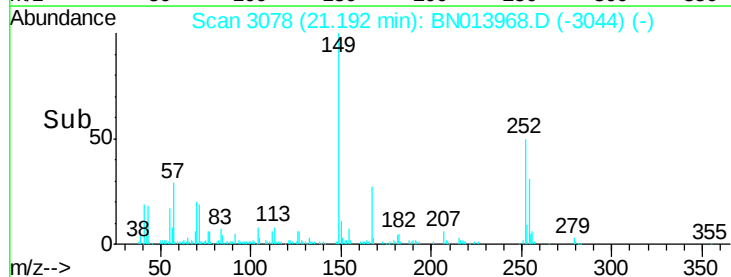
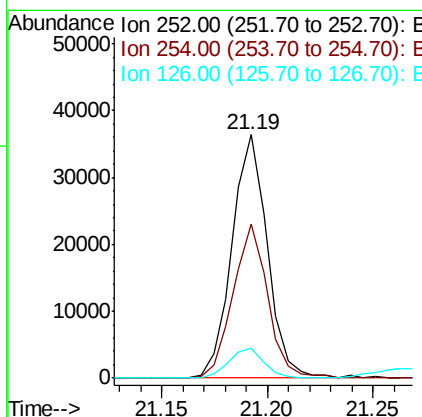
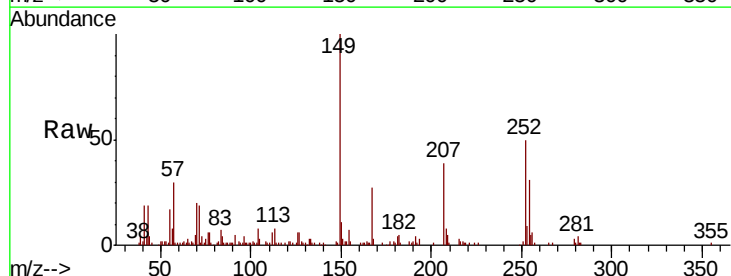
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT2-2021-03

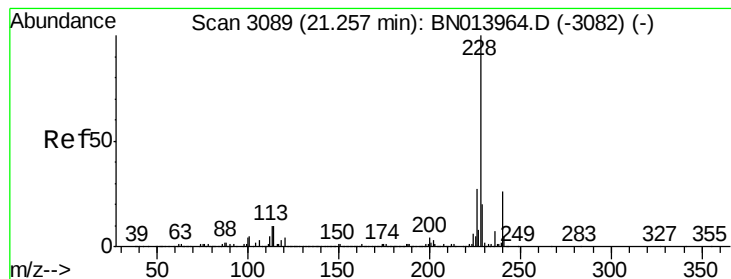
Tot Ion:149 Resp: 48129
 Ion Ratio Lower Upper
 149 100
 91 78.7 62.4 93.6
 206 19.9 15.3 22.9



#84
 3,3'-Dichlorobenzidine
 Concen: 3.349 ng/ul
 RT: 21.19 min Scan# 3078
 Delta R.T. 0.00 min
 Lab File: BN013968.D
 Acq: 17 Mar 2021 13:46

Tgt Ion:252 Resp: 42078
 Ion Ratio Lower Upper
 252 100
 254 63.3 49.4 74.0
 126 12.1 9.4 14.0





#85

Benzo(a)anthracene

Concen: 4.493 ng/ul

RT: 21.25 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-03

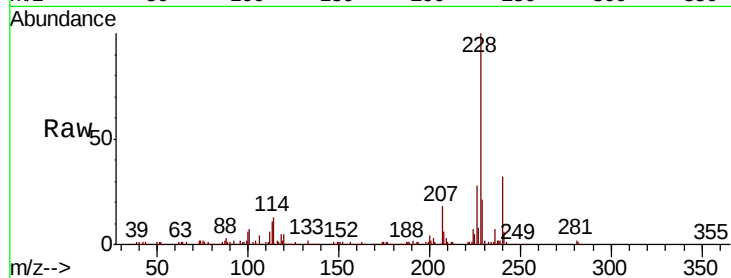
Tot Ion:228 Resp: 205936

Ion Ratio Lower Upper

228 100

229 20.6 14.6 22.0

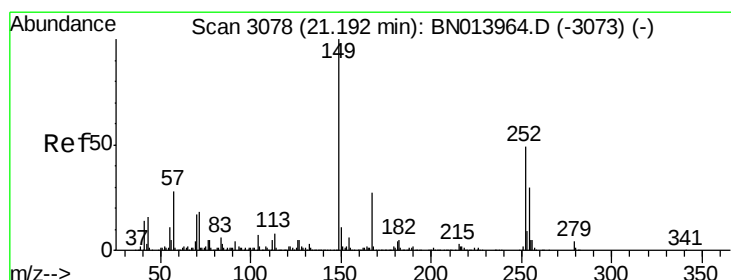
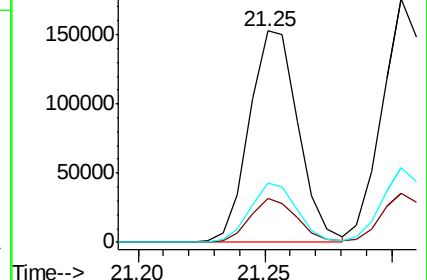
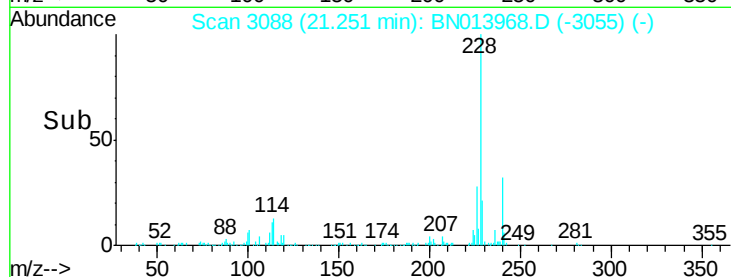
226 27.9 21.0 31.6



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: 3.180 ng/ul

RT: 21.19 min Scan# 3078

Delta R.T. 0.00 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

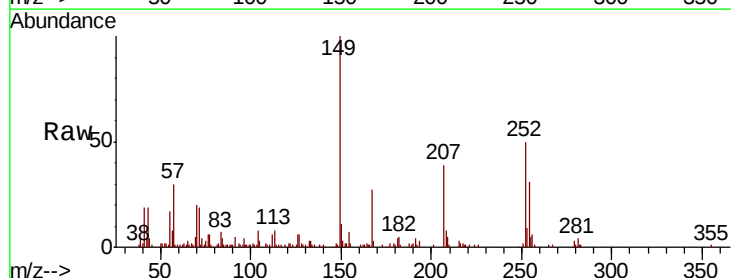
Tgt Ion:149 Resp: 75375

Ion Ratio Lower Upper

149 100

167 26.6 21.4 32.0

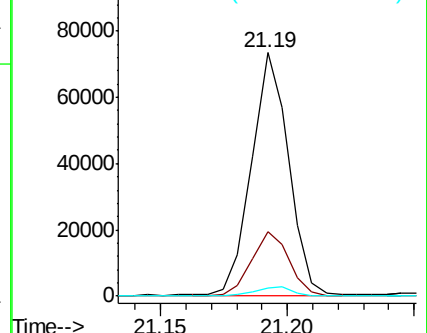
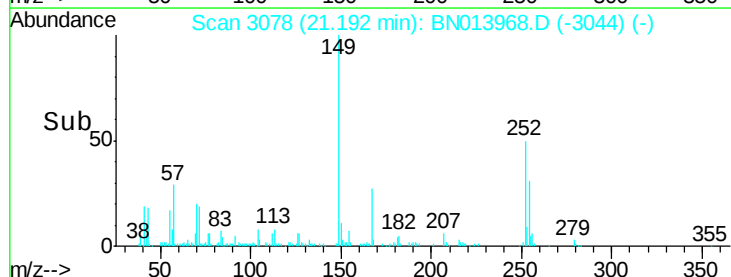
279 3.1 3.0 4.4

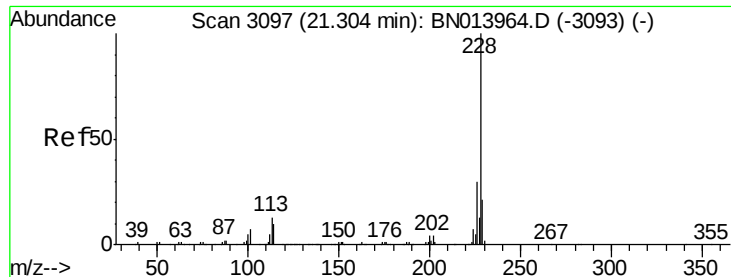


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

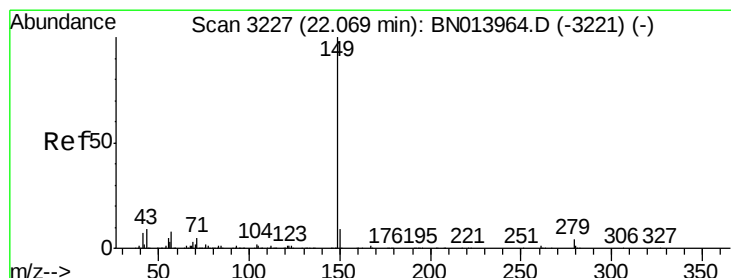
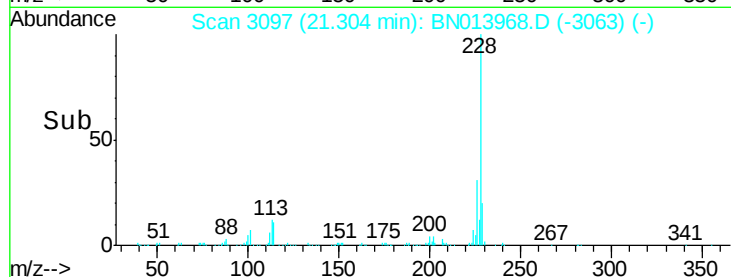
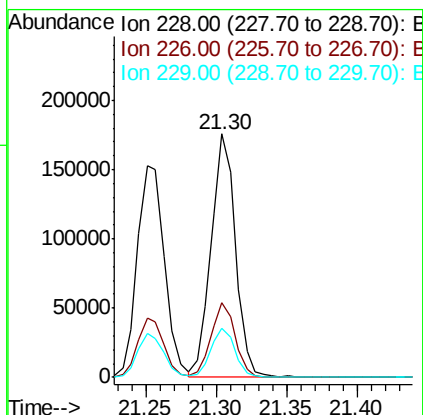
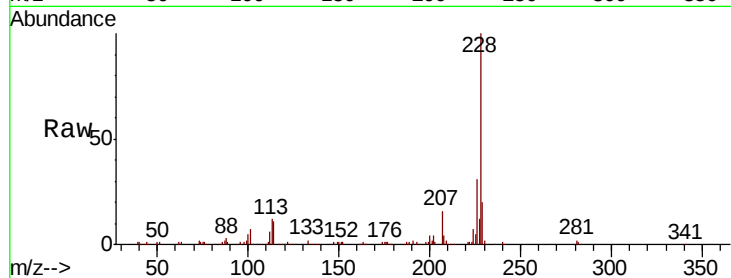




#87
Chrysene
Concen: 4.702 ng/ul
RT: 21.30 min Scan# 3097
Delta R.T. 0.00 min
Lab File: BN013968.D
Acq: 17 Mar 2021 13:46

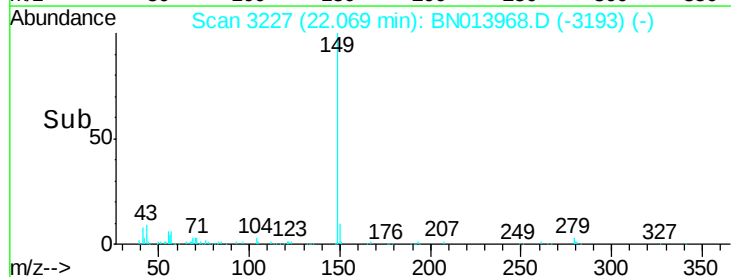
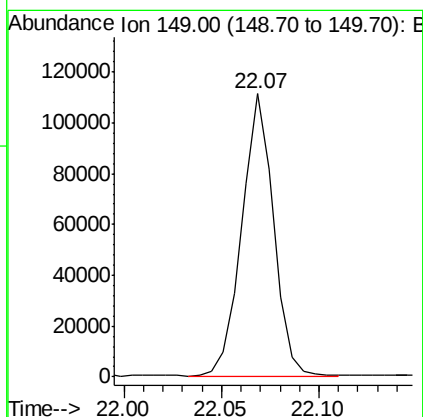
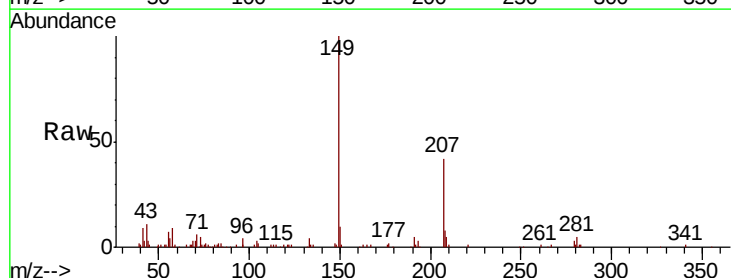
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2021-03

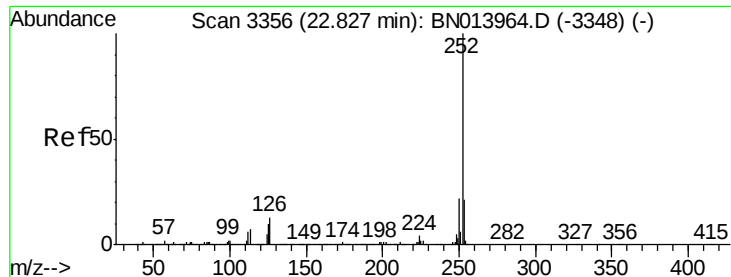
Tot Ion:228 Resp: 211554
Ion Ratio Lower Upper
228 100
226 30.8 23.8 35.6
229 19.9 15.0 22.6



#89
Di-n-octyl phthalate
Concen: 2.827 ng/ul
RT: 22.07 min Scan# 3227
Delta R.T. 0.00 min
Lab File: BN013968.D
Acq: 17 Mar 2021 13:46

Tgt Ion:149 Resp: 124723





#90

Benzo(b)fluoranthene

Concen: 4.827 ng/ul

RT: 22.83 min Scan# 3356

Delta R.T. 0.00 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-03

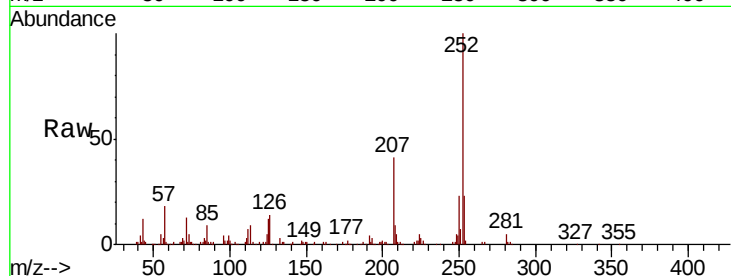
Tot Ion:252 Resp: 215143

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

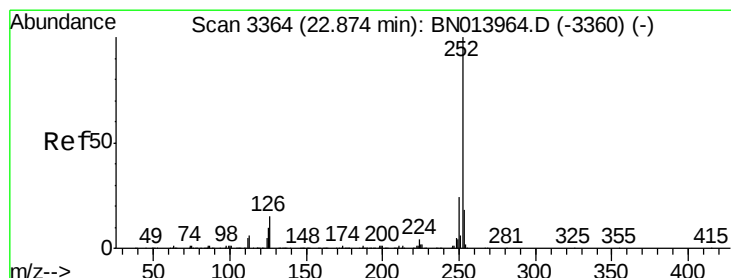
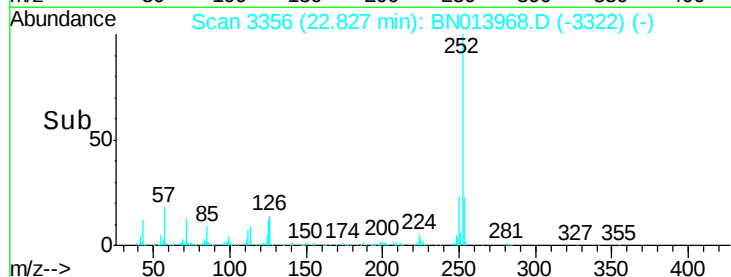
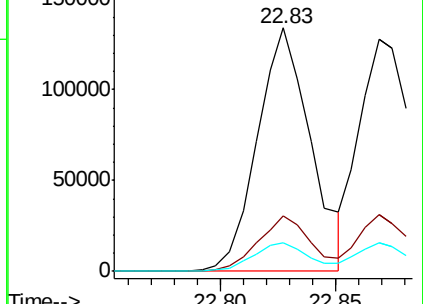
125 11.9 8.7 13.1



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: 4.579 ng/ul

RT: 22.87 min Scan# 3363

Delta R.T. -0.01 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

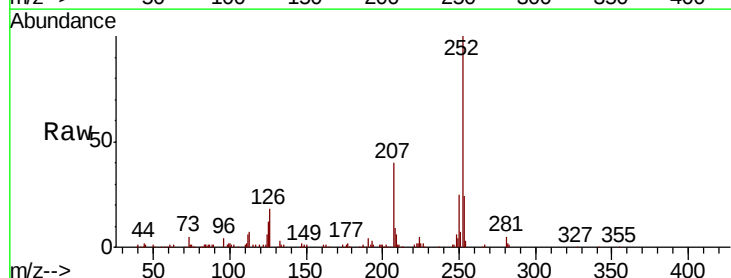
Tgt Ion:252 Resp: 204890

Ion Ratio Lower Upper

252 100

253 24.1 17.8 26.6

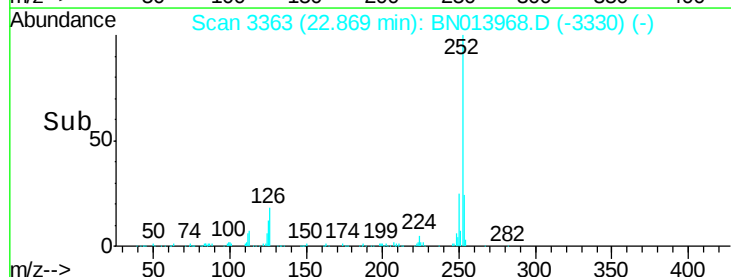
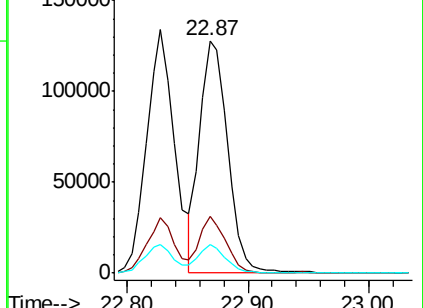
125 12.1 9.1 13.7

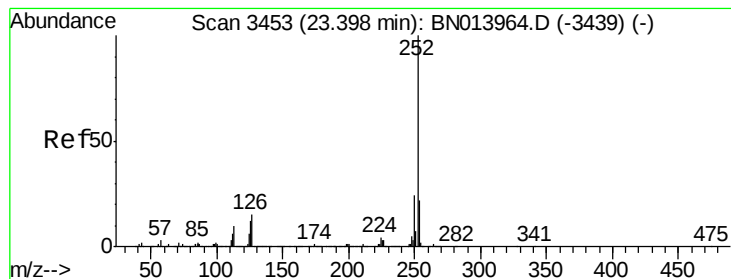


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#93

Benzo(a)pyrene

Concen: 4.963 ng/ul

RT: 23.40 min Scan# 3454

Delta R.T. 0.01 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-03

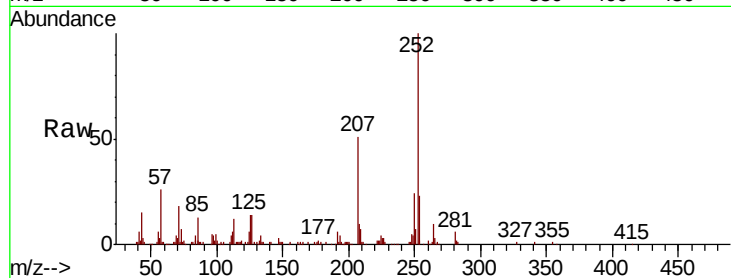
Tot Ion:252 Resp: 199167

Ion Ratio Lower Upper

252 100

253 23.2 15.6 23.4

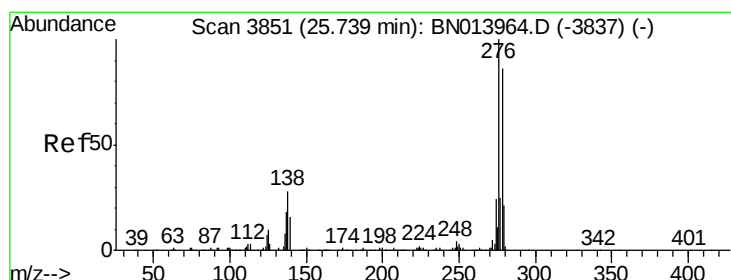
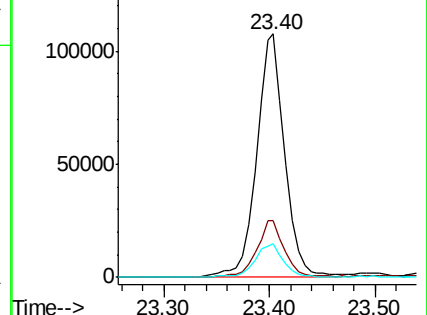
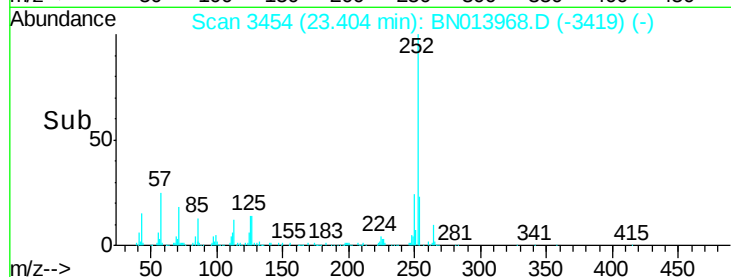
125 13.6 9.5 14.3



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



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.820 ng/ul

RT: 25.73 min Scan# 3849

Delta R.T. -0.01 min

Lab File: BN013968.D

Acq: 17 Mar 2021 13:46

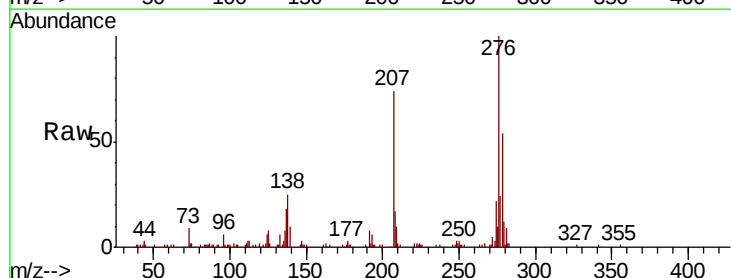
Tgt Ion:276 Resp: 243682

Ion Ratio Lower Upper

276 100

138 25.4 22.7 34.1

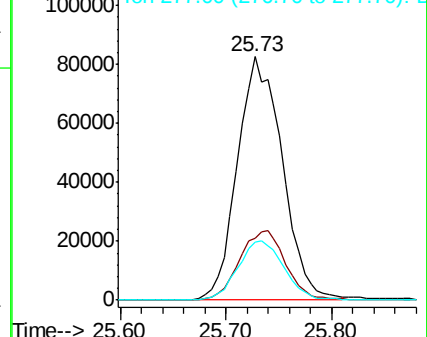
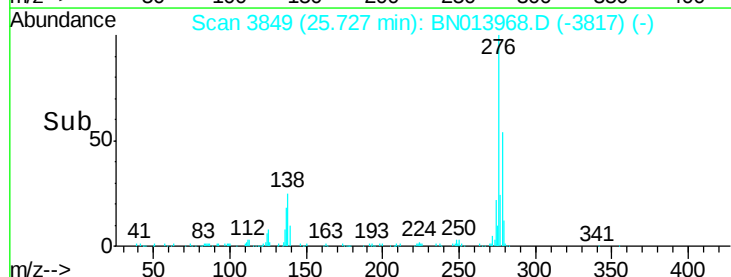
277 23.8 19.4 29.0

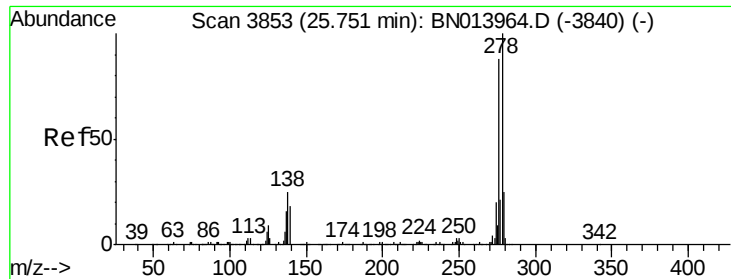


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

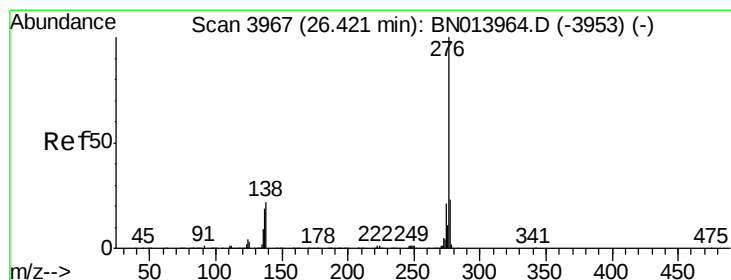
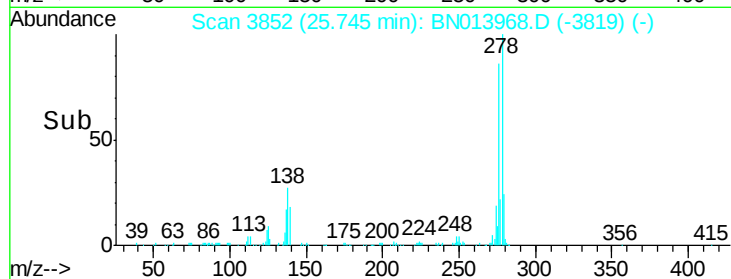
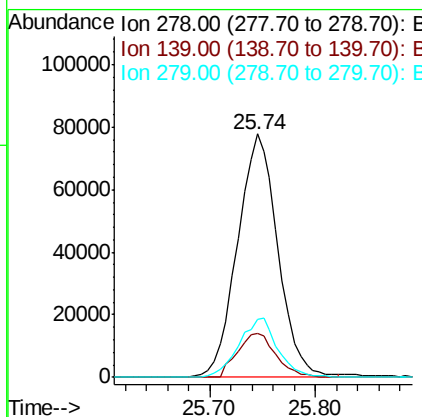
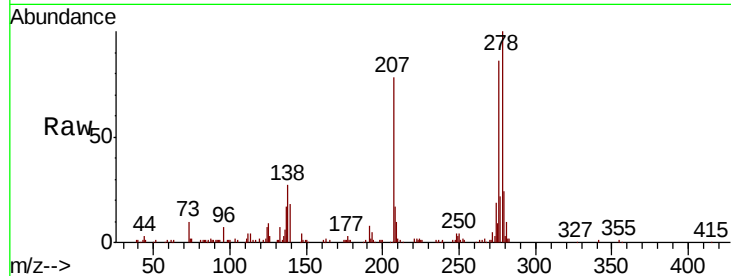




#95
Dibenzo(a,h)anthracene
Concen: 4.836 ng/ul
RT: 25.74 min Scan# 3852
Delta R.T. -0.01 min
Lab File: BN013968.D
Acq: 17 Mar 2021 13:46

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2021-03

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.8	13.8	20.8
279	23.6	17.5	26.3



#96
Benzo(g,h,i)perylene
Concen: 4.744 ng/ul
RT: 26.41 min Scan# 3965
Delta R.T. -0.01 min
Lab File: BN013968.D
Acq: 17 Mar 2021 13:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	18.9	28.3
277	23.4	17.9	26.9

