

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011921\
 Data File : BN013424.D
 Acq On : 19 Jan 2021 13:34
 Operator : CG/JU
 Sample : L5214-03
 Misc : SFAM-MDL-S01
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT1-2021-01

Quant Time: Jan 19 14:19:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN011521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 19 10:08:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	434625	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	1653094	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	866668	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	1579055	20.00	ng/ul	0.00
79) Chrysene-d12	21.17	240	1396552	20.00	ng/ul	0.00
88) Perylene-d12	23.36	264	1358153	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	39825	3.65	ng/uL	0.00
4) Pyridine-d5	3.57	84	549547	19.42	ng/ul	0.00
7) Phenol-d5	6.76	99	1244340	35.59	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.93	67	761522	37.11	ng/ul	0.00
11) 2-Chlorophenol-d4	7.12	132	1093914	36.43	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	998335	35.56	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	490346	38.30	ng/ul	0.00
24) 2-Nitrophenol-d4	9.44	143	498486	37.34	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.98	165	911689	35.37	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	1311737	35.23	ng/ul	0.00
46) Dimethylphthalate-d6	13.64	166	2323997	35.64	ng/ul	0.00
49) Acenaphthylene-d8	13.91	160	3211544	39.28	ng/ul	0.00
54) 4-Nitrophenol-d4	14.42	143	387772	31.07	ng/ul	0.00
60) Fluorene-d10	15.22	176	2039282	35.60	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	271313	29.11	ng/ul	0.00
73) Anthracene-d10	17.07	188	2832972	36.93	ng/ul	0.00
81) Pyrene-d10	19.37	212	2763500	34.55	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.22	264	2678297	37.21	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.22	88	15507	1.377	ng/uL 97
5) Pyridine	3.59	79	116933	4.091	ng/ul# 73
6) Benzaldehyde	6.74	77	68914	5.224	ng/ul 93
8) Phenol	6.79	94	149380	4.145	ng/ul 96
10) Bis(2-Chloroethyl)ether	7.02	93	125179	4.239	ng/ul 99
12) 2-Chlorophenol	7.16	128	128027	4.126	ng/ul 99
13) 2-Methylphenol	8.02	108	95692	3.485	ng/ul 96
14) 2,2'-oxybis(1-Chloropropan	8.11	45	171070	4.150	ng/ul 99
16) Acetophenone	8.40	105	167431	3.930	ng/ul 98
17) N-Nitroso-di-n-propylamine	8.39	70	68102	3.539	ng/ul 98
18) 4-Methylphenol	8.35	108	115674	3.913	ng/ul 94
19) Hexachloroethane	8.65	117	49739	3.906	ng/ul 98
22) Nitrobenzene	8.77	77	124900	4.300	ng/ul 97
23) Isophorone	9.29	82	169802	3.299	ng/ul 97
25) 2-Nitrophenol	9.47	139	63028	4.209	ng/ul 98
26) 2,4-Dimethylphenol	9.54	107	117772	4.039	ng/ul 98
27) Bis(2-Chloroethoxy)methane	9.78	93	139802	3.945	ng/ul 98
29) 2,4-Dichlorophenol	10.00	162	107220	4.157	ng/ul 95
30) Naphthalene	10.40	128	398246	4.244	ng/ul 99
32) 4-Chloroaniline	10.51	127	148668	4.140	ng/ul 96
33) Hexachlorobutadiene	10.69	225	70029	4.155	ng/ul 99
34) Caprolactam	11.29	113	17059	2.277	ng/ul 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.63	107	85352	3.319	ng/ul	92
36) 2-Methylnaphthalene	12.02	142	258607	4.094	ng/ul	98
37) 1-Methylnaphthalene	12.24	142	245190	4.028	ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	12.39	216	124142	4.465	ng/ul	99
40) Hexachlorocyclopentadiene	12.38	237	64906	3.782	ng/ul	97
41) 2,4,6-Trichlorophenol	12.64	196	54885	3.253	ng/ul	95
42) 2,4,5-Trichlorophenol	12.70	196	67860	3.694	ng/ul	99
43) 1,1'-Biphenyl	13.05	154	315742	4.327	ng/ul	99
44) 2-Chloronaphthalene	13.08	162	246159	4.279	ng/ul	99
45) 2-Nitroaniline	13.29	65	39886	3.086	ng/ul	95
47) Dimethylphthalate	13.69	163	267567	3.979	ng/ul	98
48) 2,6-Dinitrotoluene	13.80	165	37755	2.930	ng/ul#	90
50) Acenaphthylene	13.94	152	357899	4.237	ng/ul	99
51) 3-Nitroaniline	14.12	138	37530	3.138	ng/ul	91
52) Acenaphthene	14.29	153	252022	4.182	ng/ul	99
53) 2,4-Dinitrophenol	14.33	184	13759	1.907	ng/ul	94
55) 4-Nitrophenol	14.43	109	34900	3.898	ng/ul	91
56) Dibenzofuran	14.62	168	350013	4.286	ng/ul	96
57) 2,4-Dinitrotoluene	14.59	165	59065	3.225	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.85	232	44791	3.022	ng/ul	97
59) Diethylphthalate	15.06	149	227976	3.477	ng/ul	98
61) Fluorene	15.27	166	273083	4.195	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.27	204	134007	4.217	ng/ul	99
63) 4-Nitroaniline	15.29	138	33170	3.117	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.35	198	35514	3.515	ng/ul#	85
67) N-Nitrosodiphenylamine	15.49	169	209492	4.098	ng/ul	98
68) 4-Bromophenyl-phenylether	16.17	248	68814	3.859	ng/ul	93
69) Hexachlorobenzene	16.27	284	82166	4.075	ng/ul	96
70) Atrazine	16.45	200	52006	3.047	ng/ul	99
71) Pentachlorophenol	16.62	266	27790	2.437	ng/ul	93
72) Phenanthrene	17.01	178	404157	4.257	ng/ul	99
74) Anthracene	17.10	178	404334	4.224	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.00	216	118816	4.661	ng/uL	99
76) Pentachlorobenzene	14.54	250	108482	4.372	ng/uL	98
77) Carbazole	17.37	167	307010	3.902	ng/ul	99
78) Di-n-butylphthalate	17.96	149	260639	2.773	ng/ul	99
80) Fluoranthene	19.04	202	382985	3.684	ng/ul	97
82) Pyrene	19.40	202	440757	4.114	ng/ul	98
83) Butylbenzylphthalate	20.33	149	84613	2.249	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.10	252	56877	2.173	ng/ul	96
85) Benzo(a)anthracene	21.16	228	361615	3.889	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.12	149	125568	2.316	ng/ul	96
87) Chrysene	21.21	228	382661	4.176	ng/ul	99
89) Di-n-octyl phthalate	21.99	149	192316	2.169	ng/ul	100
90) Benzo(b)fluoranthene	22.70	252	368465	4.020	ng/ul	98
91) Benzo(k)fluoranthene	22.74	252	369570	4.099	ng/ul	99
93) Benzo(a)pyrene	23.26	252	344742	4.208	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.53	276	422325	4.566	ng/ul	98
95) Dibenzo(a,h)anthracene	25.54	278	359913	4.655	ng/ul	98
96) Benzo(g,h,i)perylene	26.19	276	351831	4.533	ng/ul	98

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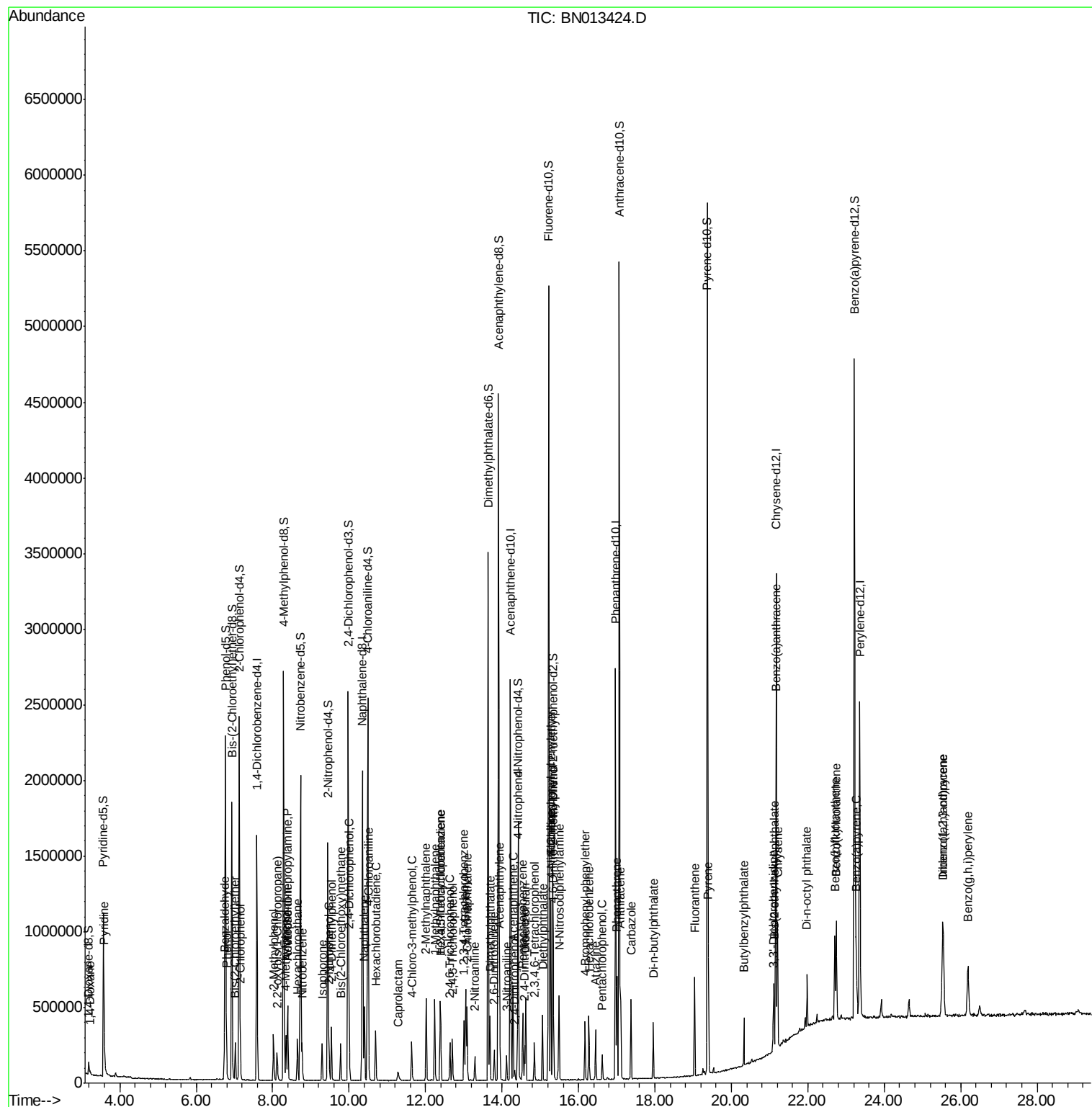
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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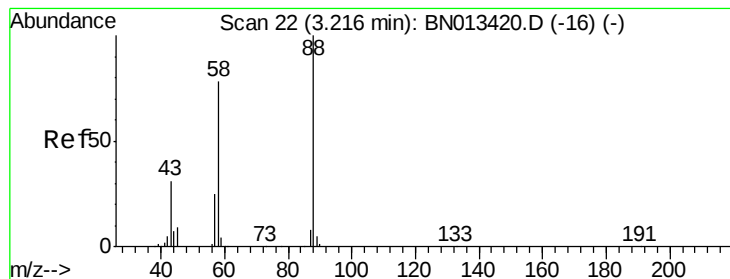
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.377 ng/uL

RT: 3.22 min Scan# 23

Delta R.T. 0.01 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2021-01

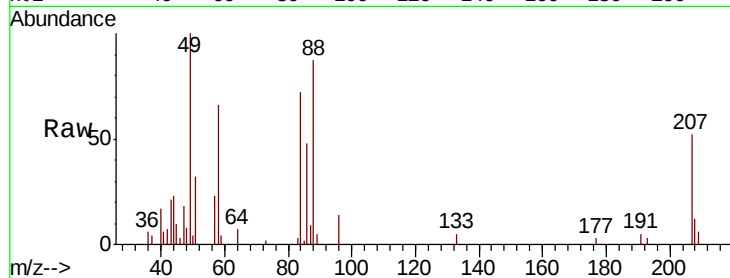
Tot Ion: 88 Resp: 15507

Ion Ratio Lower Upper

88 100

43 24.0 21.4 32.2

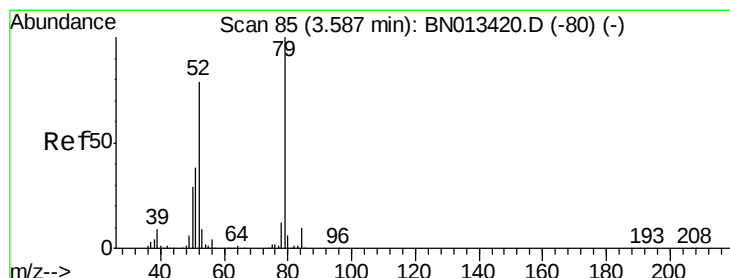
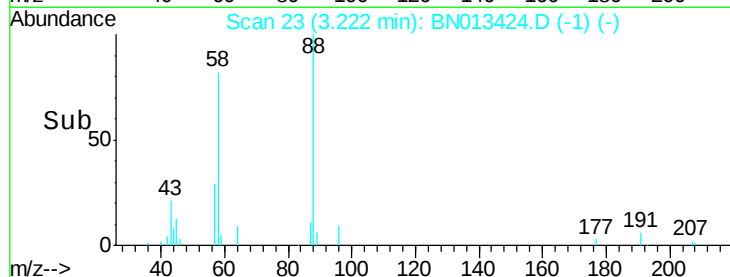
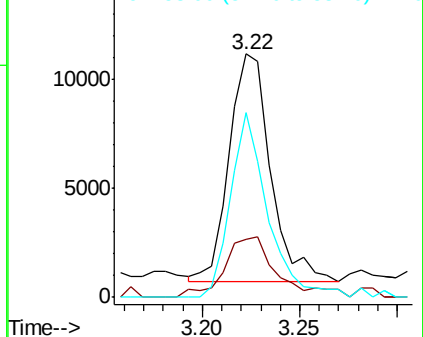
58 75.7 59.5 89.3



Abundance Ion 88.00 (87.70 to 88.70): BN013424.D (-16) (-)

Ion 43.00 (42.70 to 43.70): BN013424.D (-16) (-)

Ion 58.00 (57.70 to 58.70): BN013424.D (-16) (-)



#5

Pyridine

Concen: 4.091 ng/uL

RT: 3.59 min Scan# 86

Delta R.T. 0.01 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

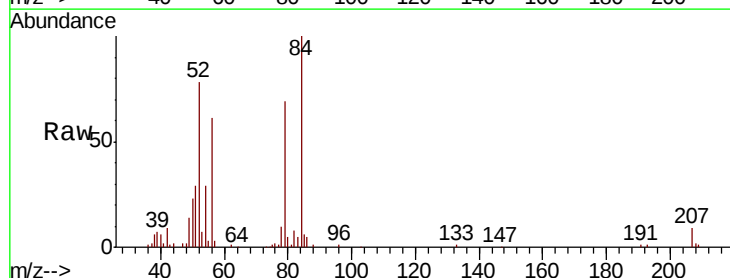
Tgt Ion: 79 Resp: 116933

Ion Ratio Lower Upper

79 100

52 112.4 64.6 97.0#

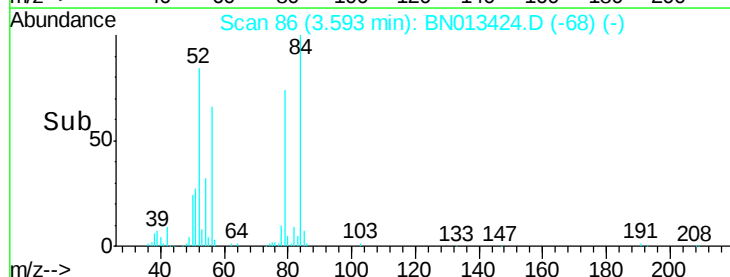
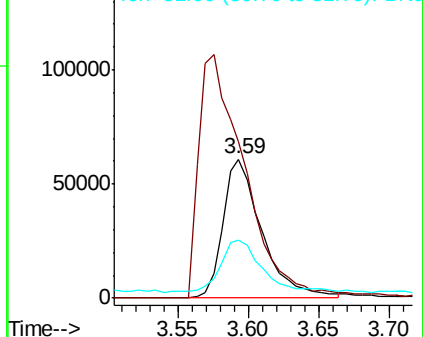
51 42.1 29.9 44.9

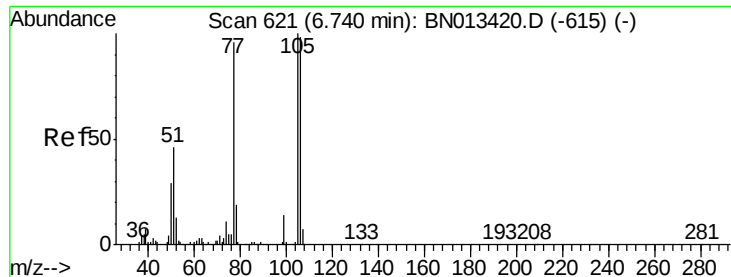


Abundance Ion 79.00 (78.70 to 79.70): BN013424.D (-80) (-)

Ion 52.00 (51.70 to 52.70): BN013424.D (-80) (-)

Ion 51.00 (50.70 to 51.70): BN013424.D (-80) (-)





#6

Benzaldehyde

Concen: 5.224 ng/ul

RT: 6.74 min Scan# 621

Delta R.T. 0.00 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

Instrument :

BNA_N

ClientSampleId :

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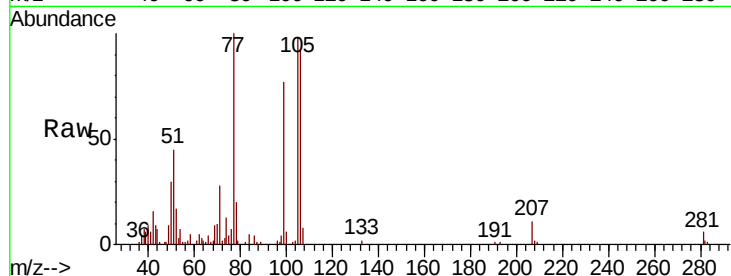
Tot Ion: 77 Resp: 68914

Ion Ratio Lower Upper

77 100

105 97.7 83.6 125.4

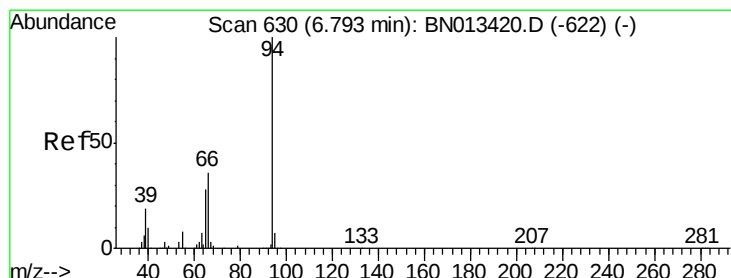
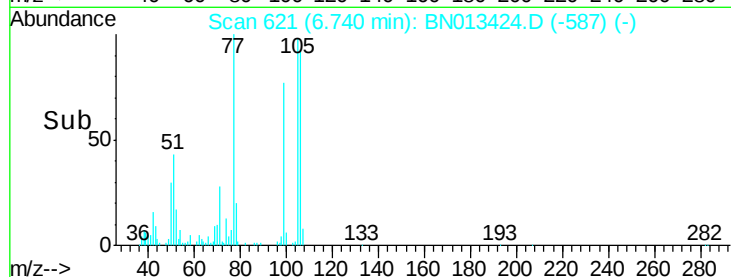
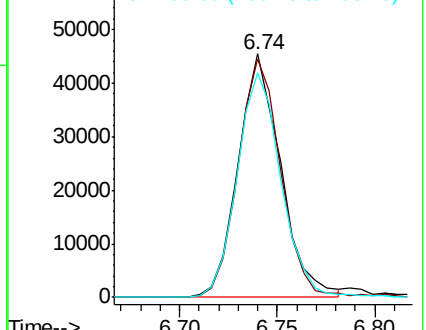
106 92.2 79.1 118.7



Abundance Ion 77.00 (76.70 to 77.70): BN013420.D (-615) (-)

Ion 105.00 (104.70 to 105.70): BN013420.D (-615) (-)

Ion 106.00 (105.70 to 106.70): BN013420.D (-615) (-)



#8

Phenol

Concen: 4.145 ng/ul

RT: 6.79 min Scan# 630

Delta R.T. 0.00 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

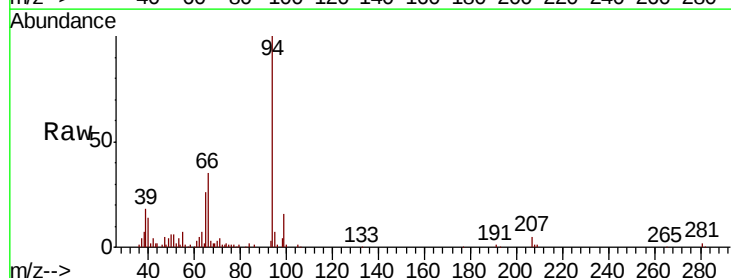
Tgt Ion: 94 Resp: 149380

Ion Ratio Lower Upper

94 100

65 25.5 22.0 33.0

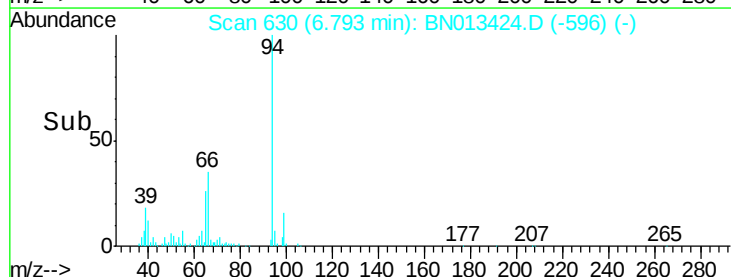
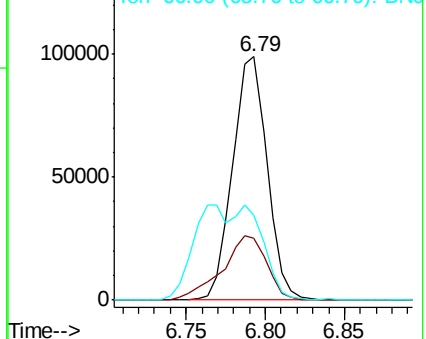
66 34.6 29.5 44.3

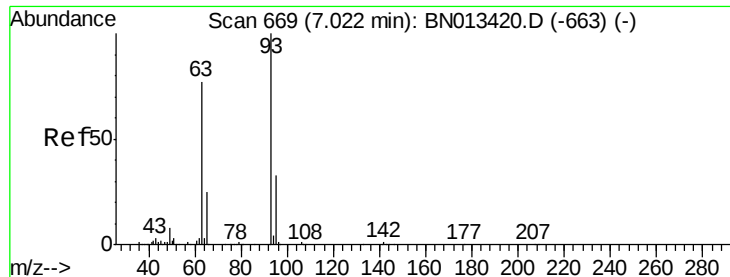


Abundance Ion 94.00 (93.70 to 94.70): BN013420.D (-622) (-)

Ion 65.00 (64.70 to 65.70): BN013420.D (-622) (-)

Ion 66.00 (65.70 to 66.70): BN013420.D (-622) (-)

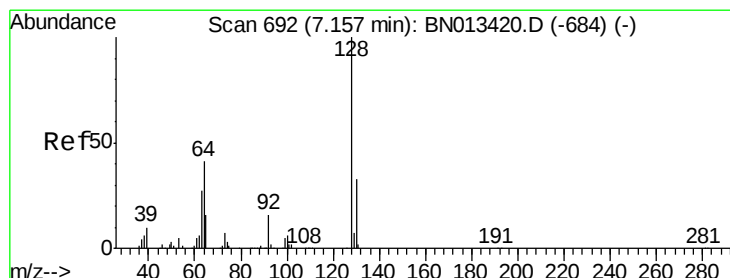
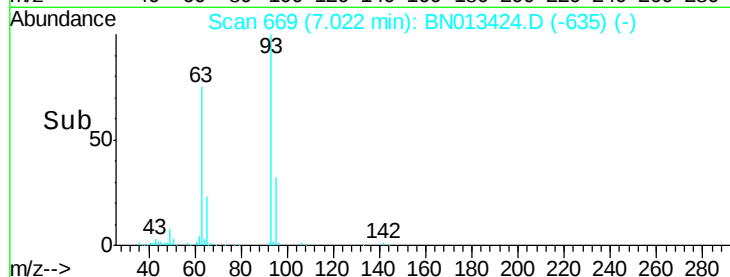
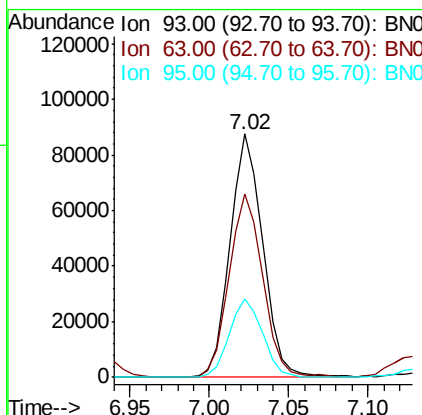
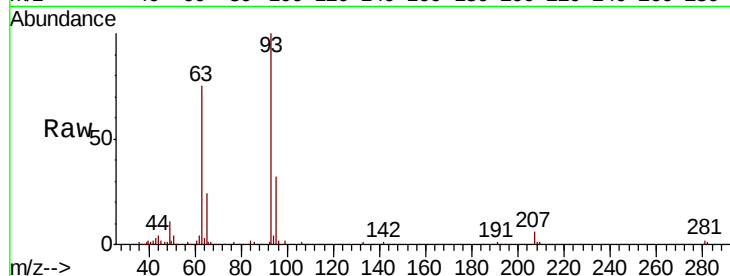




#10
Bis(2-Chloroethyl)ether
Concen: 4.239 ng/ul
RT: 7.02 min Scan# 669
Delta R.T. 0.00 min
Lab File: BN013424.D
Acq: 19 Jan 2021 13:34

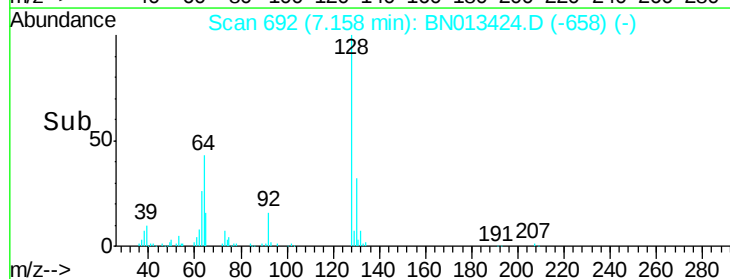
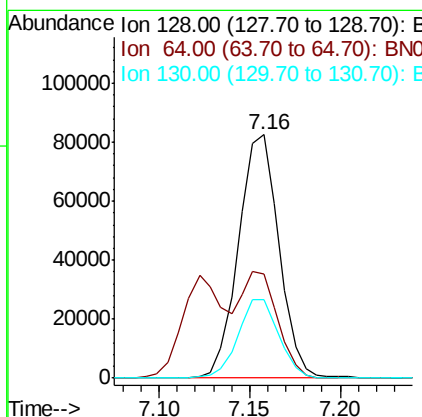
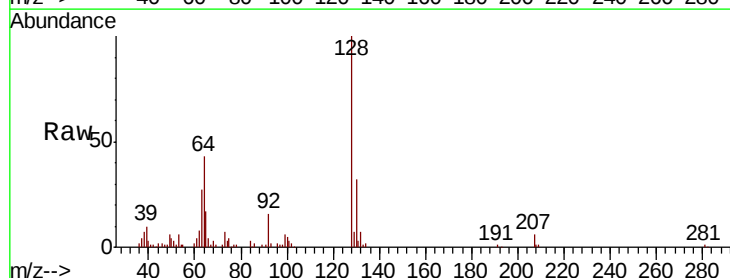
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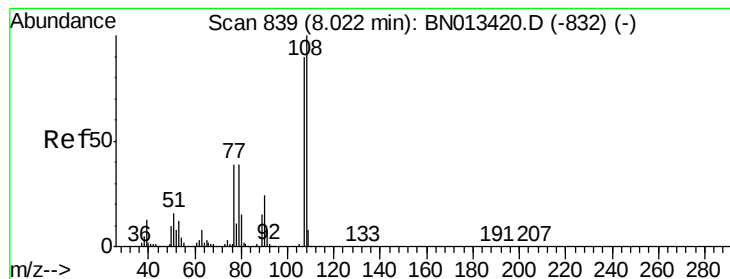
Tot Ion	93	Resp	125179
Ion Ratio	Lower	Upper	
93	100		
63	75.1	60.4	90.6
95	32.0	26.0	39.0



#12
2-Chlorophenol
Concen: 4.126 ng/ul
RT: 7.16 min Scan# 692
Delta R.T. 0.00 min
Lab File: BN013424.D
Acq: 19 Jan 2021 13:34

Tgt Ion	128	Resp	128027
Ion Ratio	Lower	Upper	
128	100		
64	42.8	33.7	50.5
130	32.2	25.6	38.4





#13

2-Methylphenol

Concen: 3.485 ng/ul

RT: 8.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

Instrument :

BNA_N

ClientSampleId :

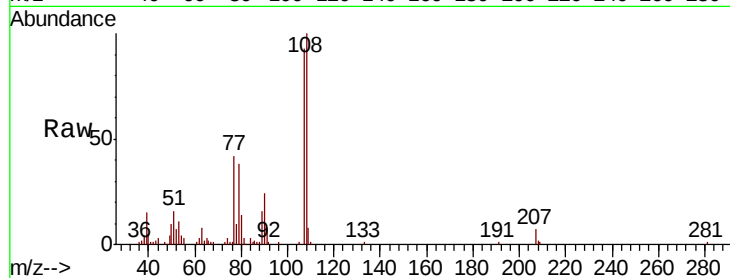
MDL-SOIL-QT1-2021-01

Tot Ion:108 Resp: 95692

Ion Ratio Lower Upper

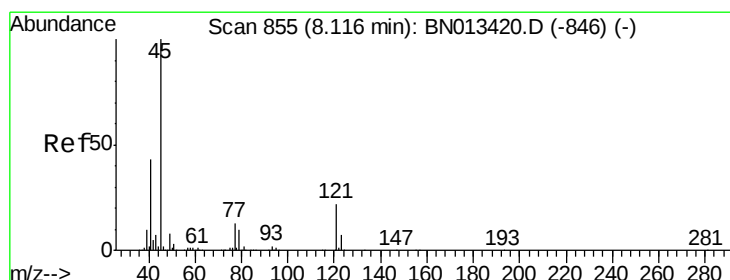
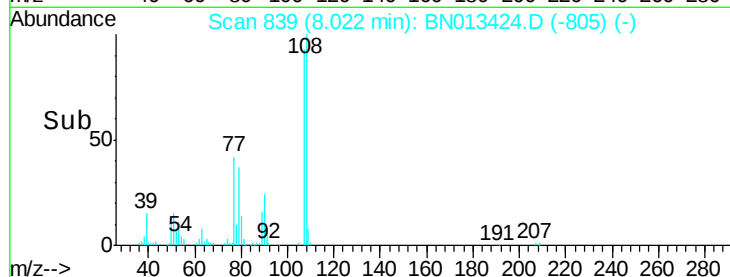
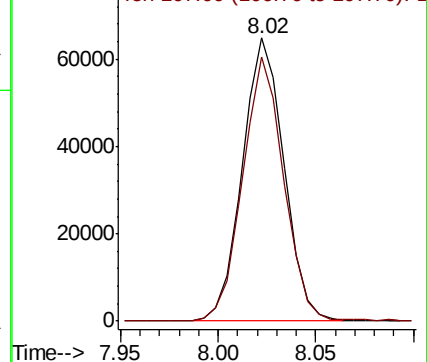
108 100

107 93.1 71.4 107.2



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: 4.150 ng/ul

RT: 8.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

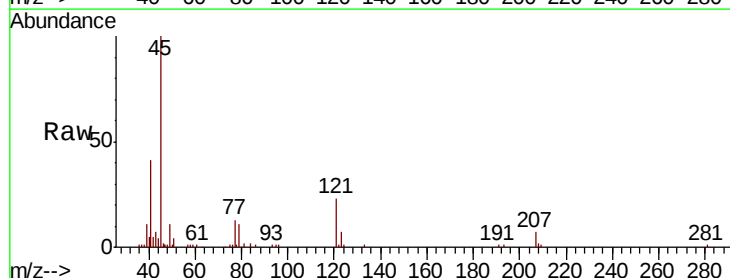
Tgt Ion: 45 Resp: 171070

Ion Ratio Lower Upper

45 100

77 12.9 10.5 15.7

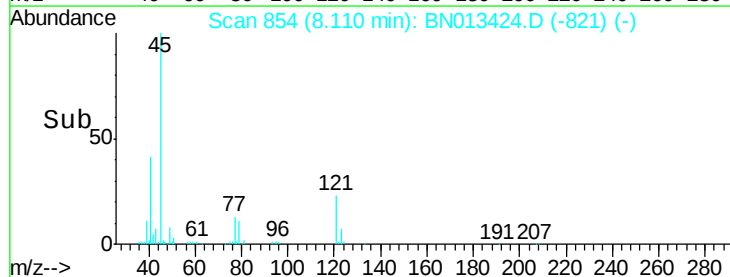
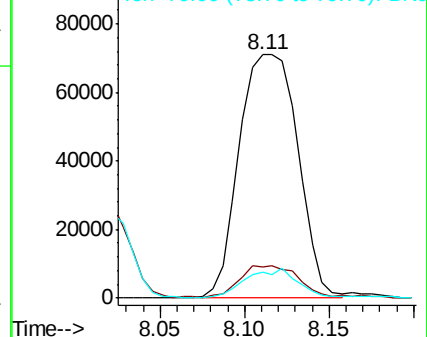
79 10.7 8.9 13.3

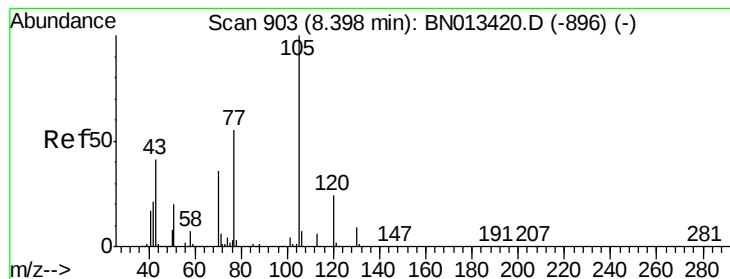


Abundance Ion 45.00 (44.70 to 45.70): BNC

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC





#16

Acetophenone

Concen: 3.930 ng/ul

RT: 8.40 min Scan# 903

Delta R.T. 0.00 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2021-01

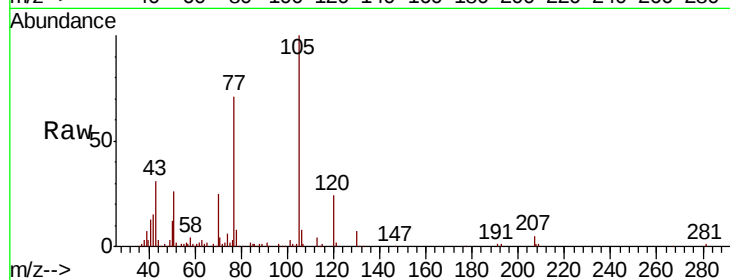
Tot Ion:105 Resp: 167431

Ion Ratio Lower Upper

105 100

77 71.2 58.6 87.8

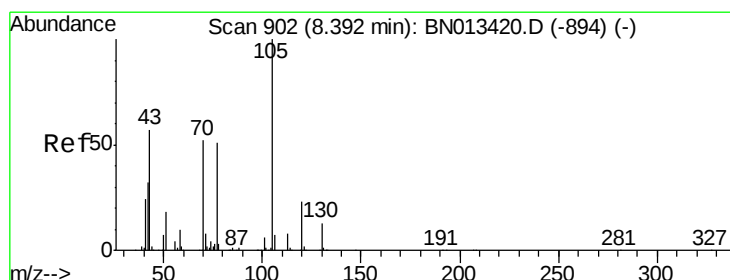
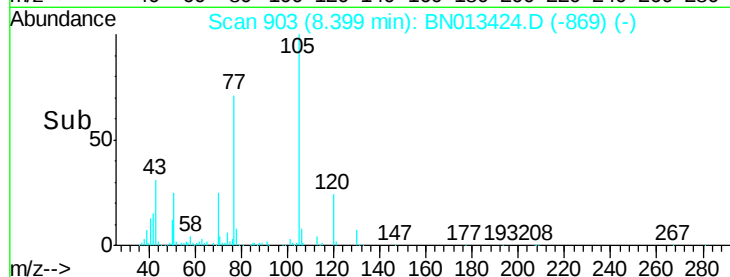
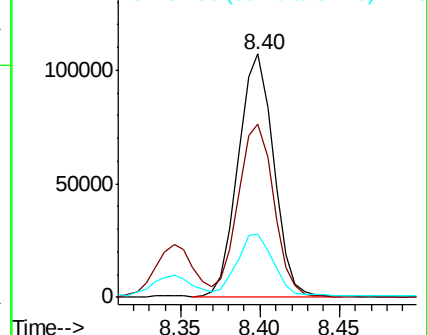
51 25.9 21.3 31.9



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: 3.539 ng/ul

RT: 8.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

Tgt Ion: 70 Resp: 68102

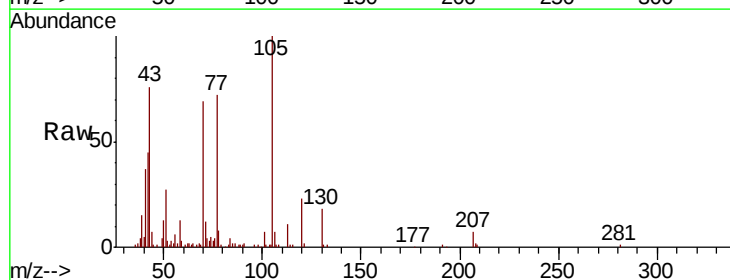
Ion Ratio Lower Upper

70 100

42 64.5 50.1 75.1

101 10.2 8.2 12.2

130 25.3 20.2 30.2

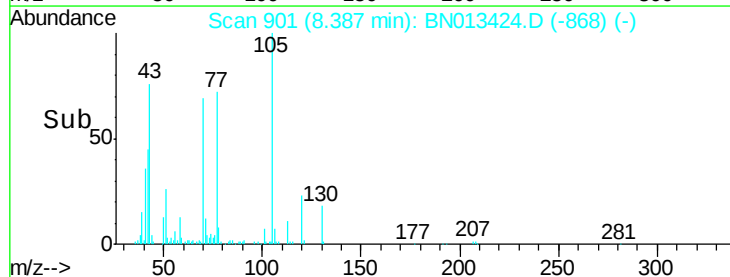
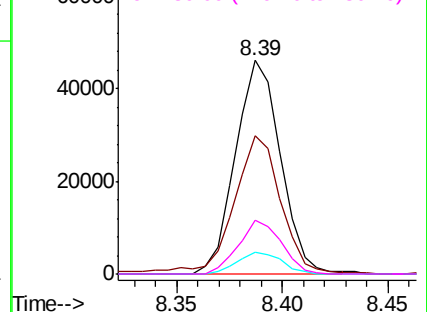


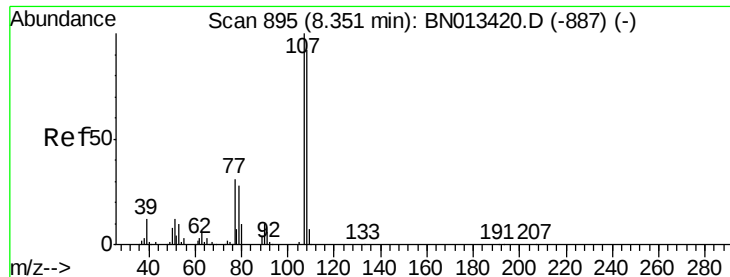
Abundance Ion 70.00 (69.70 to 70.70): BNC

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

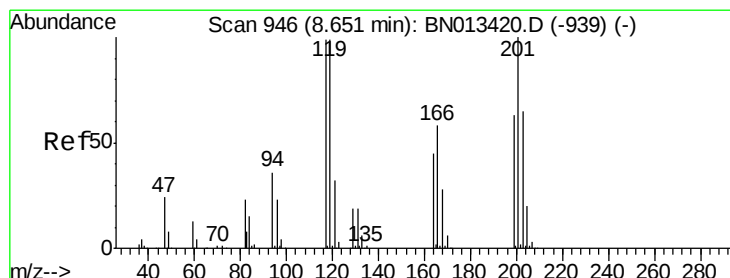
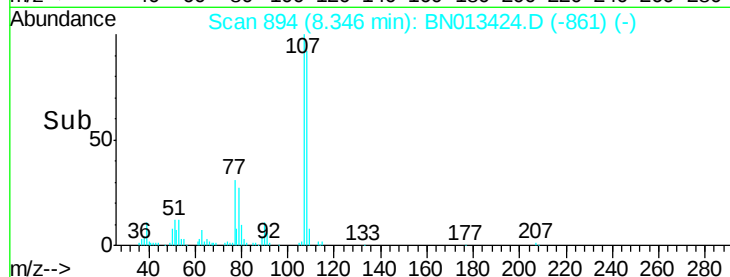
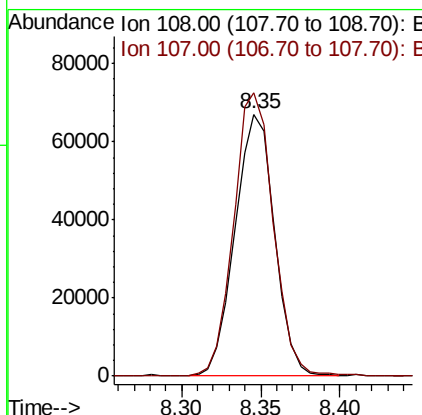
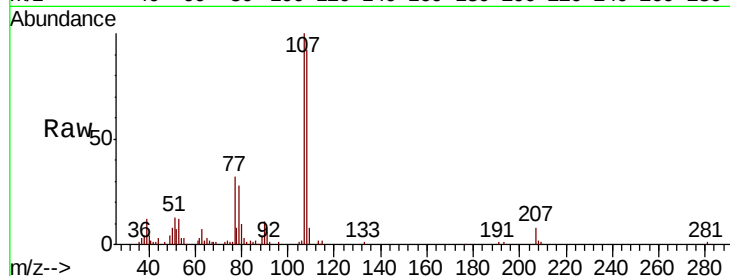




#18
4-Methylphenol
Concen: 3.913 ng/ul
RT: 8.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BN013424.D
Acq: 19 Jan 2021 13:34

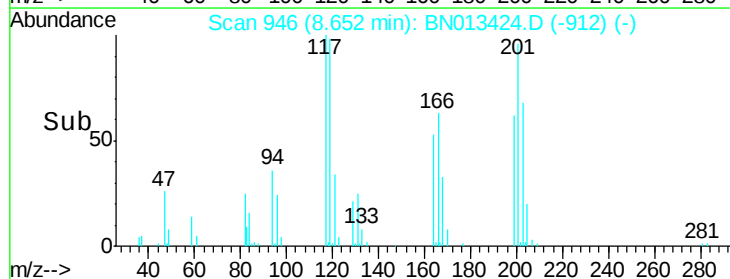
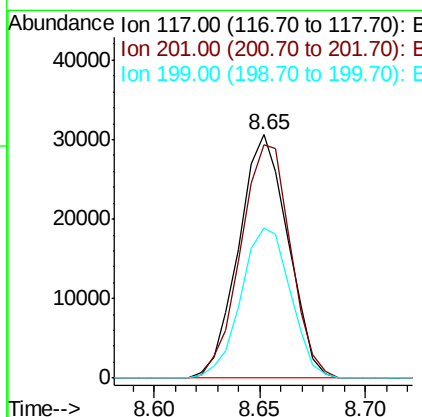
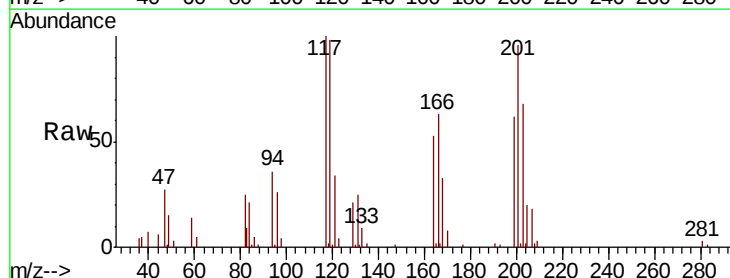
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2021-01

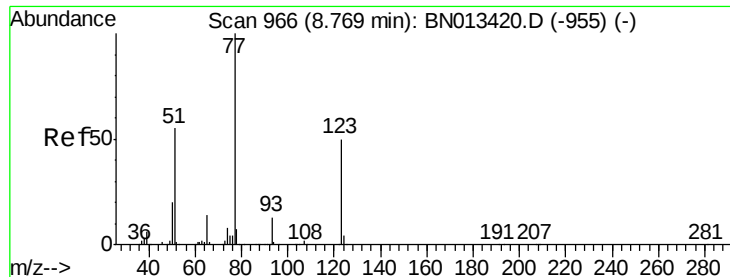
Tot Ion:108 Resp: 115674
Ion Ratio Lower Upper
108 100
107 108.2 91.4 137.0



#19
Hexachloroethane
Concen: 3.906 ng/ul
RT: 8.65 min Scan# 946
Delta R.T. 0.00 min
Lab File: BN013424.D
Acq: 19 Jan 2021 13:34

Tgt Ion:117 Resp: 49739
Ion Ratio Lower Upper
117 100
201 95.8 78.2 117.2
199 61.9 50.8 76.2





#22

Nitrobenzene

Concen: 4.300 ng/ul

RT: 8.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2021-01

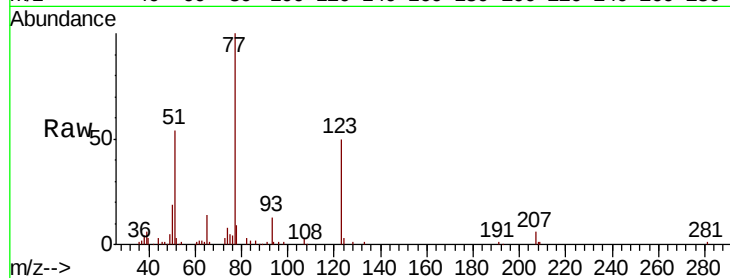
Tot Ion: 77 Resp: 124900

Ion Ratio Lower Upper

77 100

123 49.5 41.7 62.5

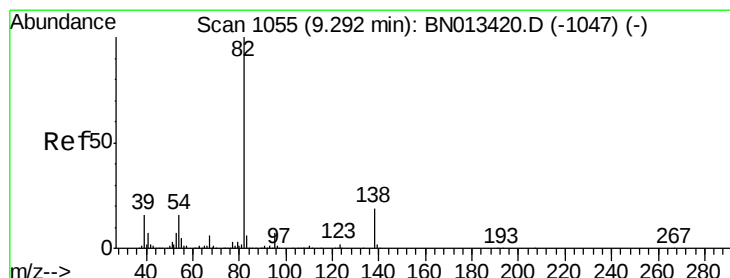
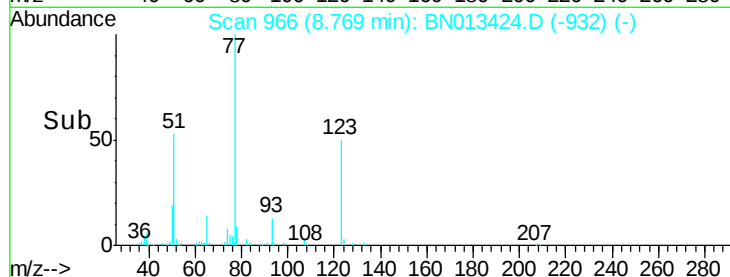
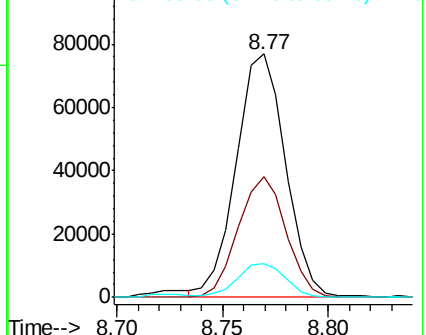
65 14.0 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BN013424.D (-932) (-)

Ion 123.00 (122.70 to 123.70): BN013424.D (-932) (-)

Ion 65.00 (64.70 to 65.70): BN013424.D (-932) (-)



#23

Isophorone

Concen: 3.299 ng/ul

RT: 9.29 min Scan# 1055

Delta R.T. 0.00 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

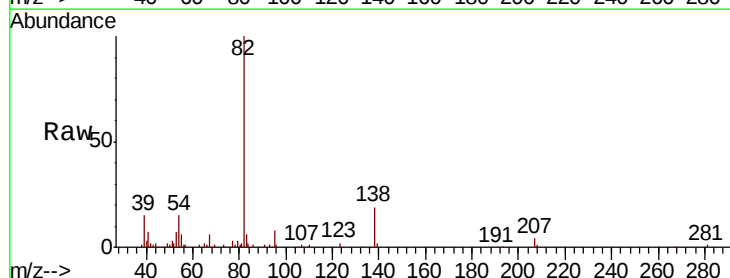
Tgt Ion: 82 Resp: 169802

Ion Ratio Lower Upper

82 100

95 7.8 5.8 8.8

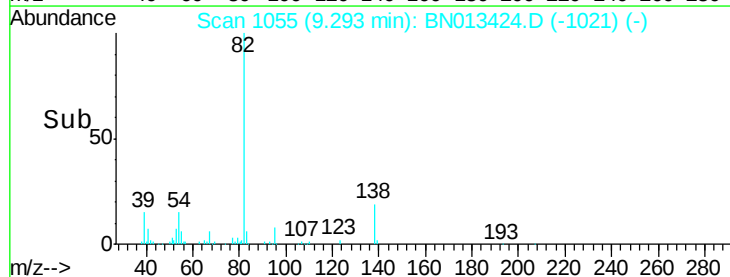
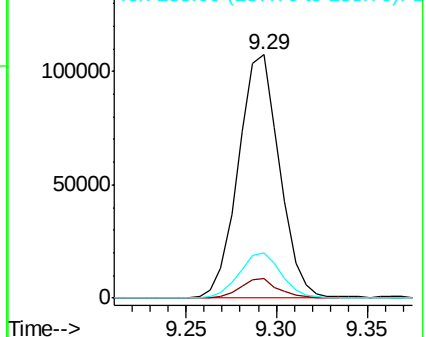
138 18.6 15.9 23.9

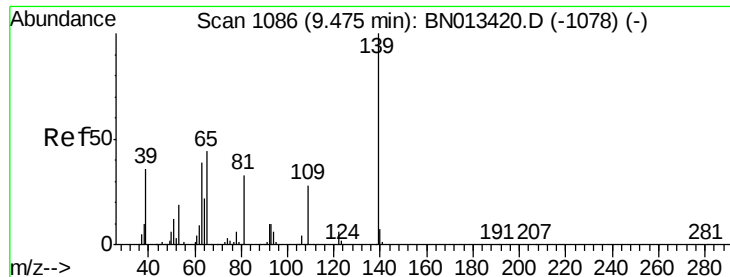


Abundance Ion 82.00 (81.70 to 82.70): BN013424.D (-1021) (-)

Ion 95.00 (94.70 to 95.70): BN013424.D (-1021) (-)

Ion 138.00 (137.70 to 138.70): BN013424.D (-1021) (-)

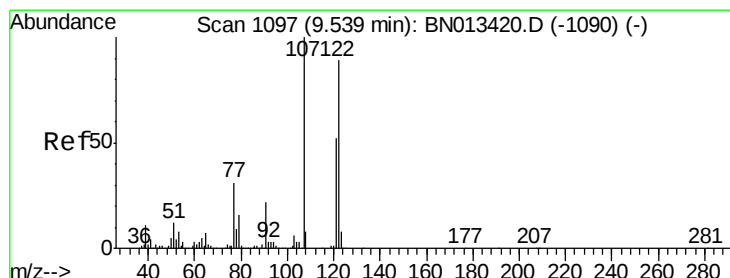
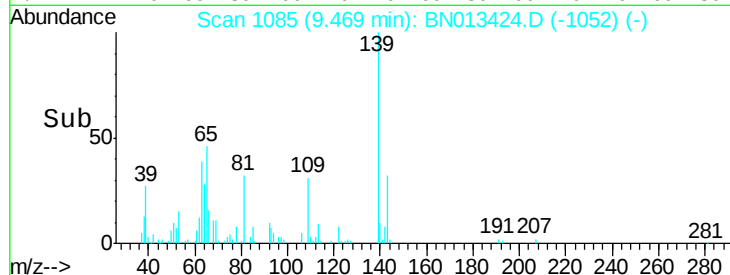
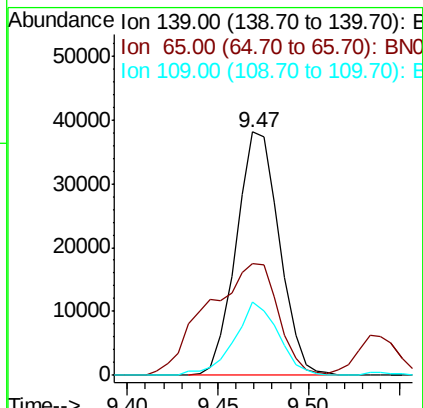
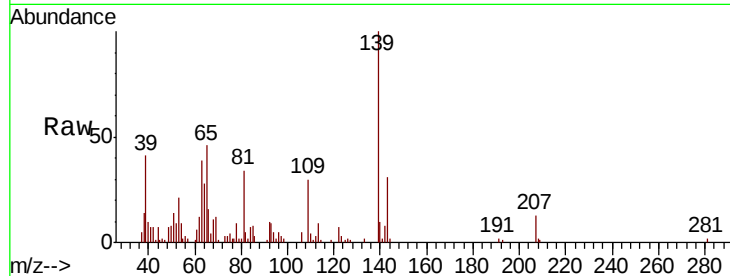




#25
2-Nitrophenol
Concen: 4.209 ng/ul
RT: 9.47 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BN013424.D
Acq: 19 Jan 2021 13:34

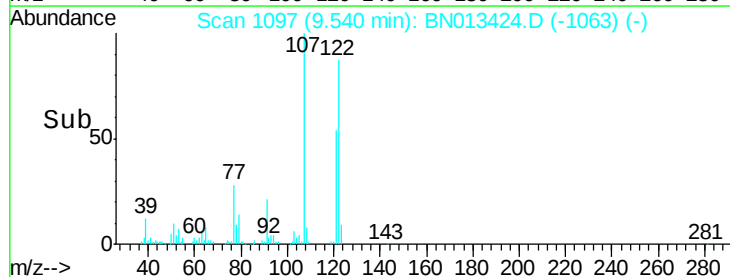
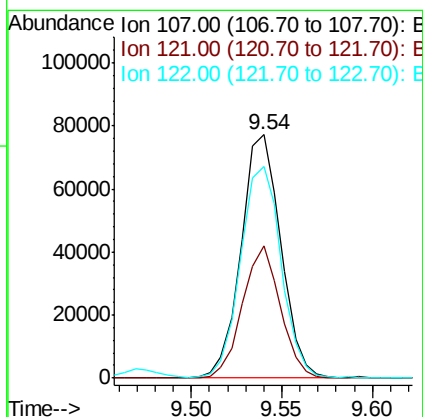
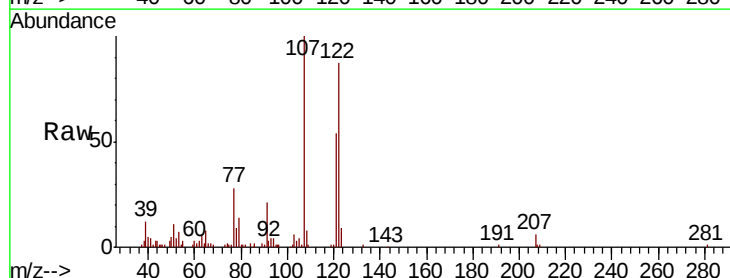
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2021-01

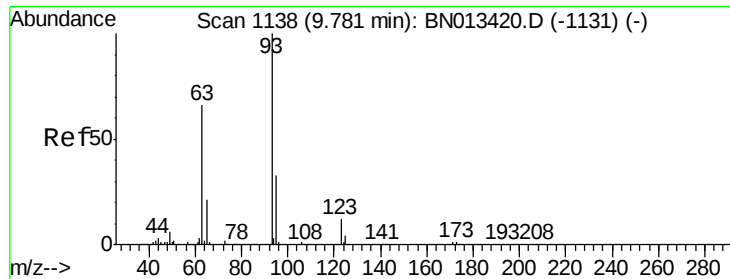
Tot Ion	Ratio	Lower	Upper
139	100		
65	46.1	38.2	57.2
109	30.0	23.1	34.7



#26
2,4-Dimethylphenol
Concen: 4.039 ng/ul
RT: 9.54 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BN013424.D
Acq: 19 Jan 2021 13:34

Tgt Ion	Ratio	Lower	Upper
107	100		
121	54.3	42.7	64.1
122	87.1	71.1	106.7





#27

Bis(2-Chloroethoxy)methane

Concen: 3.945 ng/ul

RT: 9.78 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2021-01

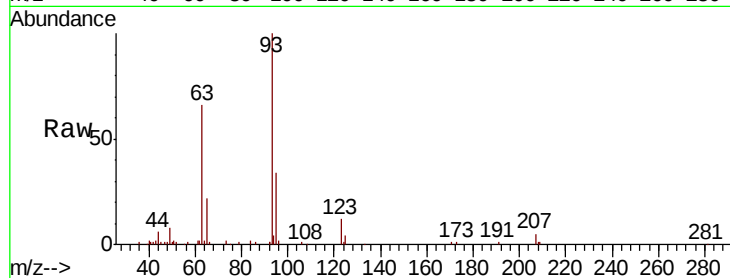
Tot Ion: 93 Resp: 139802

Ion Ratio Lower Upper

93 100

95 34.1 25.9 38.9

123 12.2 9.5 14.3

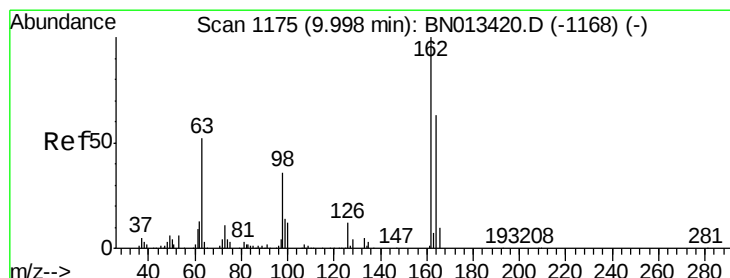
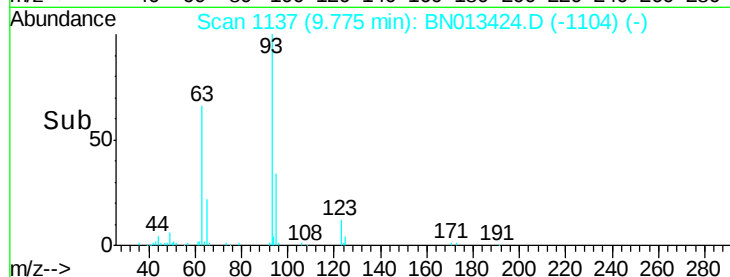


Abundance Ion 93.00 (92.70 to 93.70): BN013424.D (-1131) (-)

Ion 95.00 (94.70 to 95.70): BN013424.D (-1131) (-)

Ion 123.00 (122.70 to 123.70): BN013424.D (-1131) (-)

Time-->



#29

2,4-Dichlorophenol

Concen: 4.157 ng/ul

RT: 10.00 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

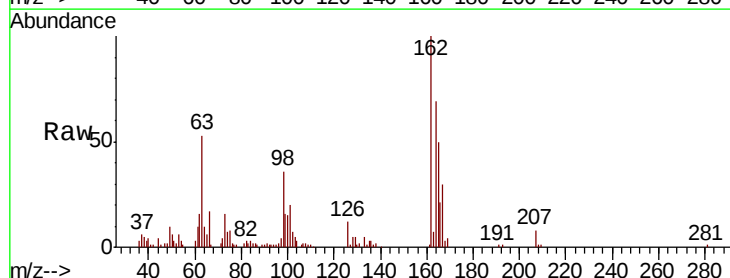
Tgt Ion: 162 Resp: 107220

Ion Ratio Lower Upper

162 100

164 69.0 51.7 77.5

98 35.7 27.3 40.9

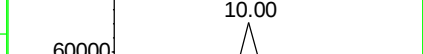
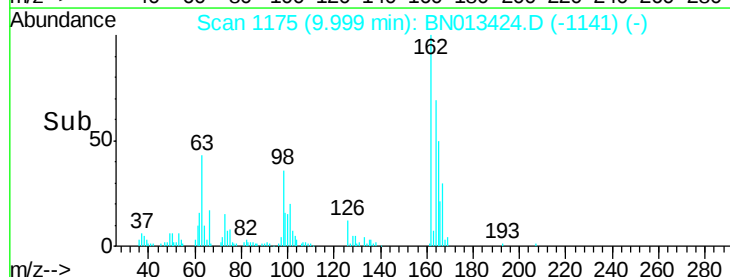


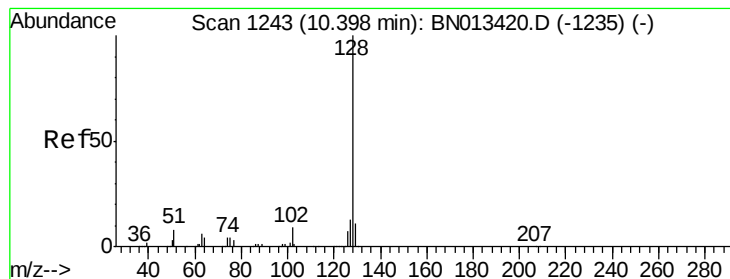
Abundance Ion 162.00 (161.70 to 162.70): BN013424.D (-1141) (-)

Ion 164.00 (163.70 to 164.70): BN013424.D (-1141) (-)

Ion 98.00 (97.70 to 98.70): BN013424.D (-1141) (-)

Time-->





#30

Naphthalene

Concen: 4.244 ng/ul

RT: 10.40 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2021-01

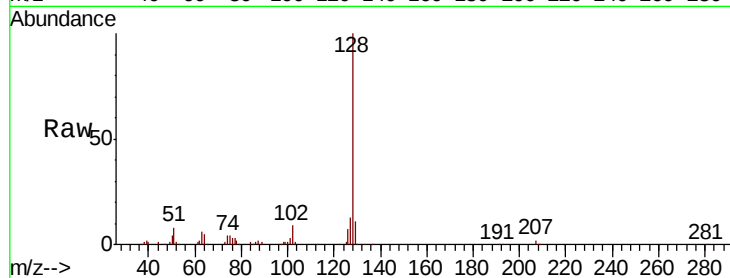
Tot Ion:128 Resp: 398246

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

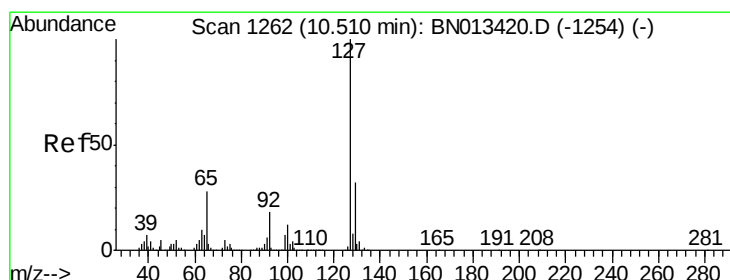
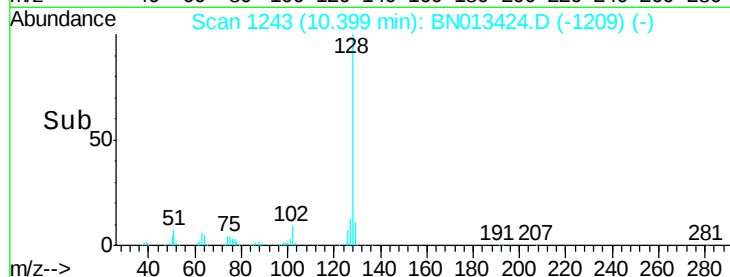
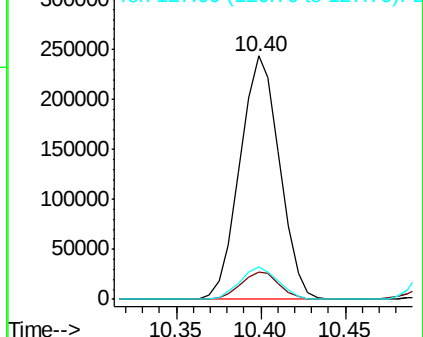
127 13.2 10.1 15.1



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: 4.140 ng/ul

RT: 10.51 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BN013424.D

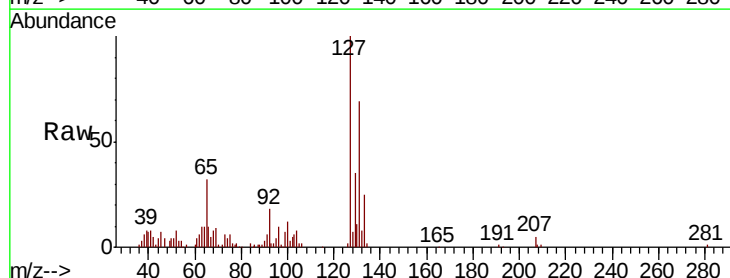
Acq: 19 Jan 2021 13:34

Tgt Ion:127 Resp: 148668

Ion Ratio Lower Upper

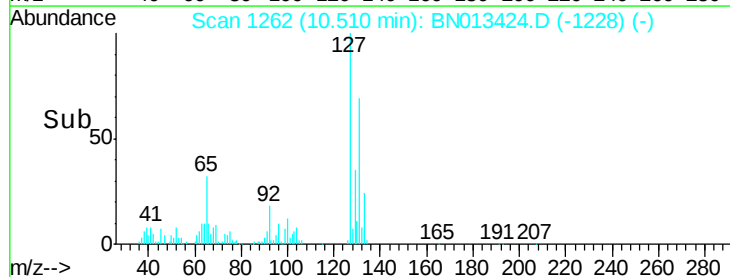
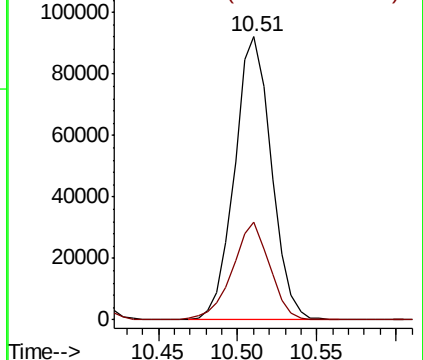
127 100

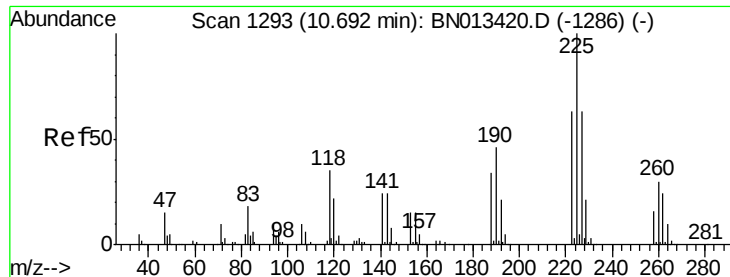
129 34.6 26.0 39.0



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

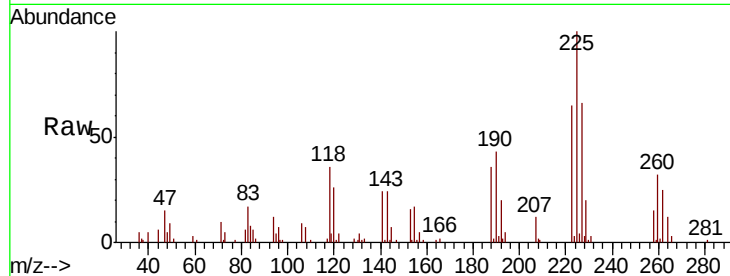




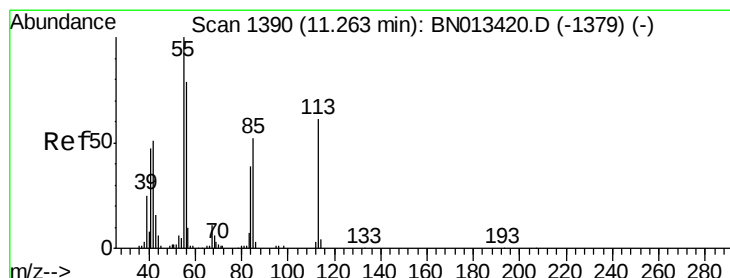
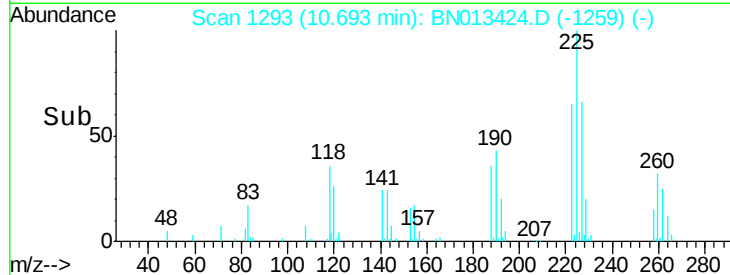
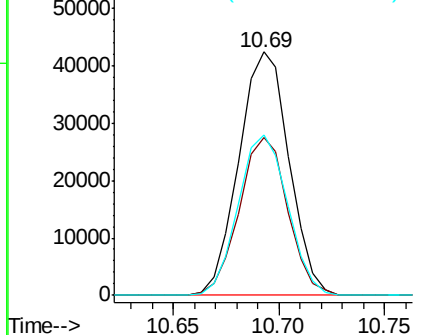
#33
Hexachlorobutadiene
Concen: 4.155 ng/ul
RT: 10.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BN013424.D
Acq: 19 Jan 2021 13:34

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2021-01

Tot Ion:225 Resp: 70029
Ion Ratio Lower Upper
225 100
223 64.7 52.7 79.1
227 65.7 52.1 78.1

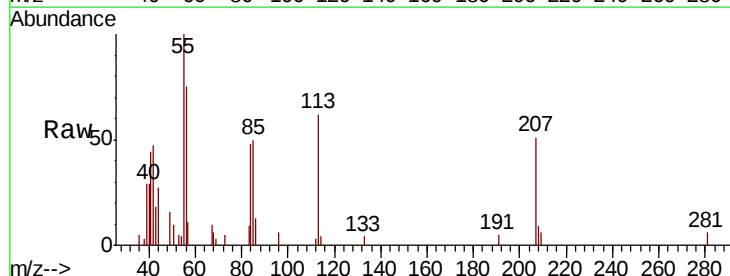


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

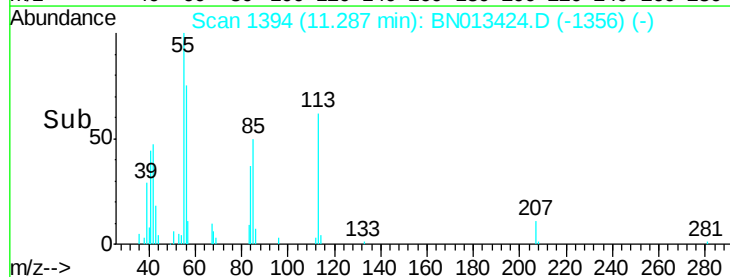
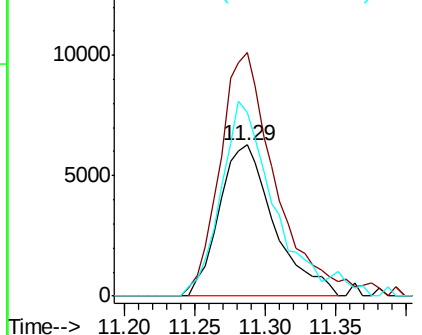


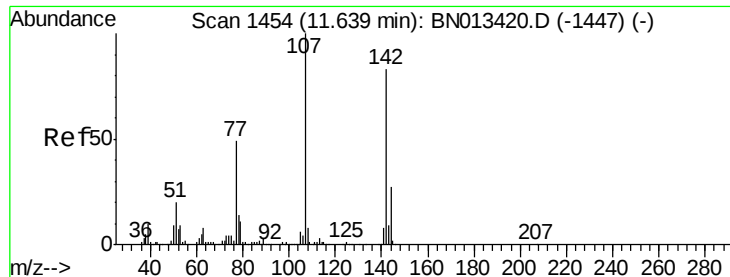
#34
Caprolactam
Concen: 2.277 ng/ul
RT: 11.29 min Scan# 1394
Delta R.T. 0.02 min
Lab File: BN013424.D
Acq: 19 Jan 2021 13:34

Tgt Ion:113 Resp: 17059
Ion Ratio Lower Upper
113 100
55 161.2 123.8 185.8
56 121.2 96.7 145.1



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

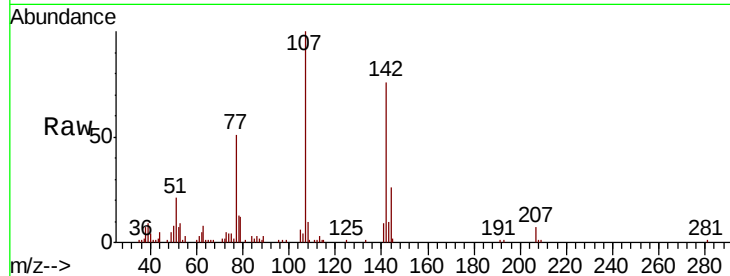




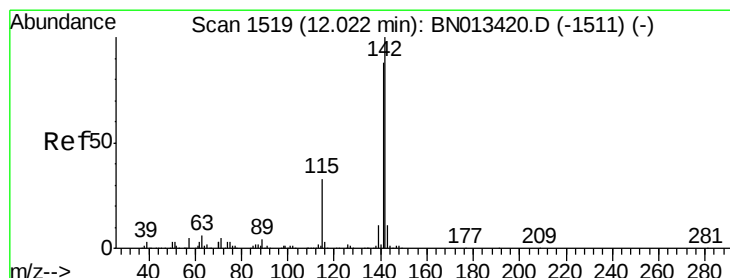
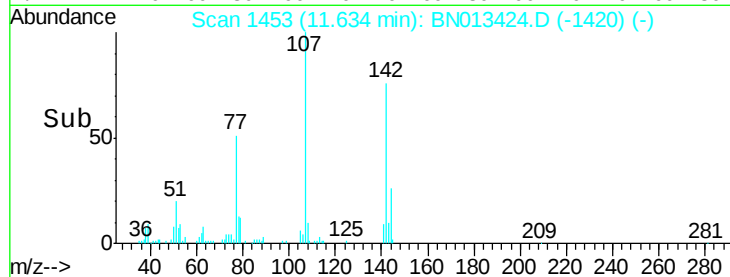
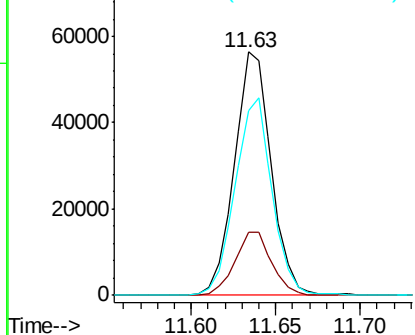
#35
 4-Chloro-3-methylphenol
 Concen: 3.319 ng/ul
 RT: 11.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BN013424.D
 Acq: 19 Jan 2021 13:34

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT1-2021-01

Tot Ion:107 Resp: 85352
 Ion Ratio Lower Upper
 107 100
 144 26.1 22.3 33.5
 142 75.7 67.6 101.4

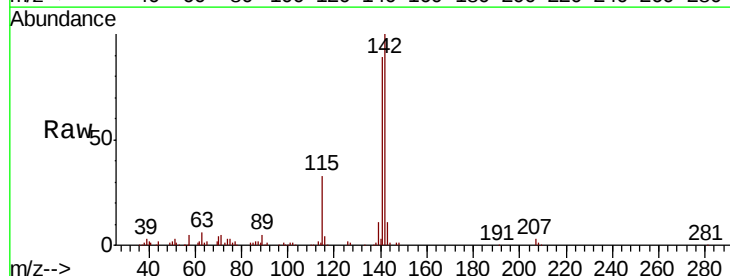


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

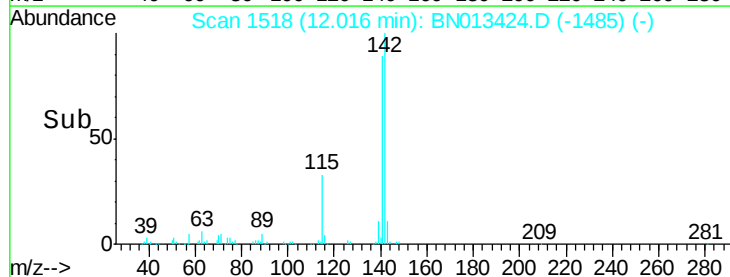
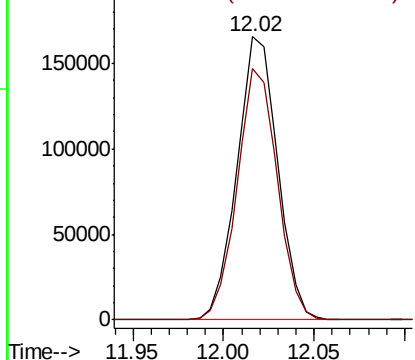


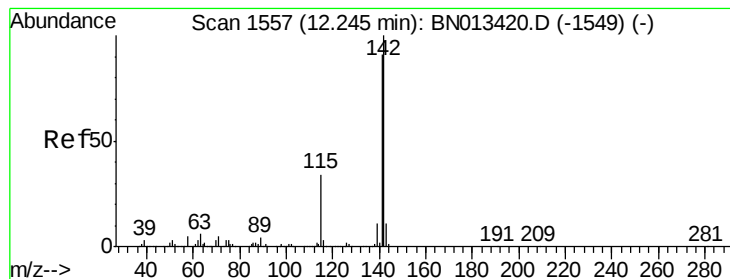
#36
 2-Methylnaphthalene
 Concen: 4.094 ng/ul
 RT: 12.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BN013424.D
 Acq: 19 Jan 2021 13:34

Tgt Ion:142 Resp: 258607
 Ion Ratio Lower Upper
 142 100
 141 88.7 72.6 109.0



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





#37

1-Methylnaphthalene

Concen: 4.028 ng/ul

RT: 12.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2021-01

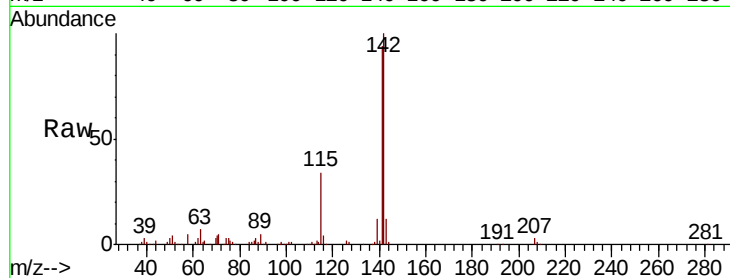
Tot Ion:142 Resp: 245190

Ion Ratio Lower Upper

142 100

141 93.6 71.6 107.4

116 3.7 2.6 4.0

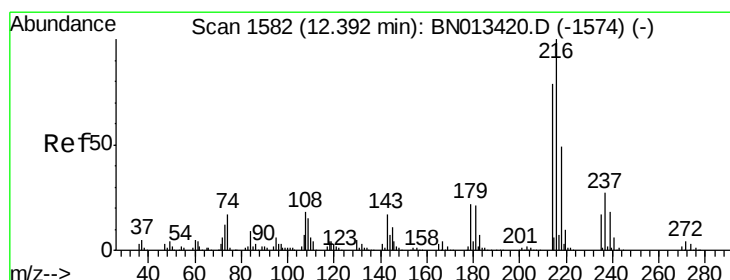
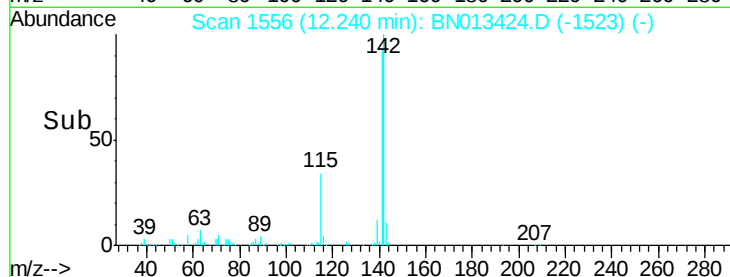
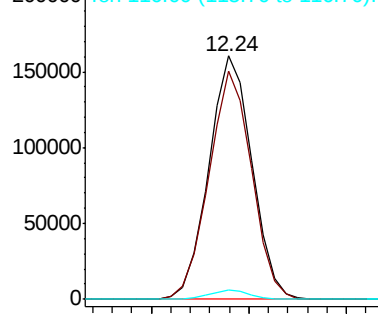


Abundance

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: 4.465 ng/ul

RT: 12.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

Tgt Ion:216 Resp: 124142

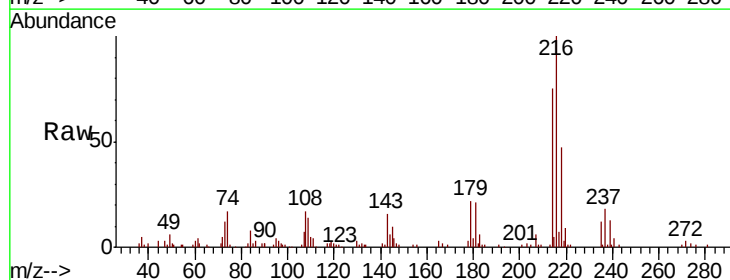
Ion Ratio Lower Upper

216 100

214 75.1 60.7 91.1

179 22.4 17.1 25.7

108 16.7 13.5 20.3



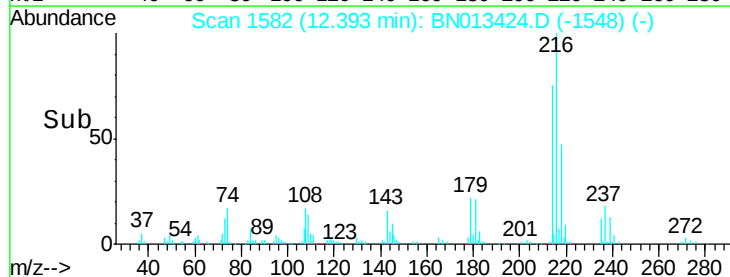
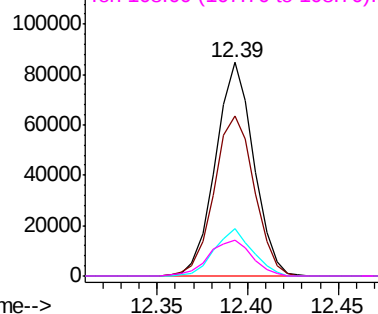
Abundance

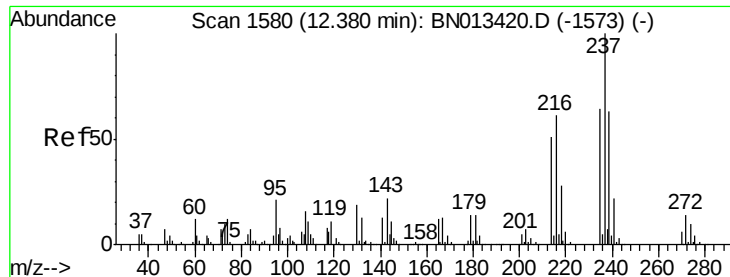
Ion 216.00 (215.70 to 216.70): E

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: 3.782 ng/ul

RT: 12.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2021-01

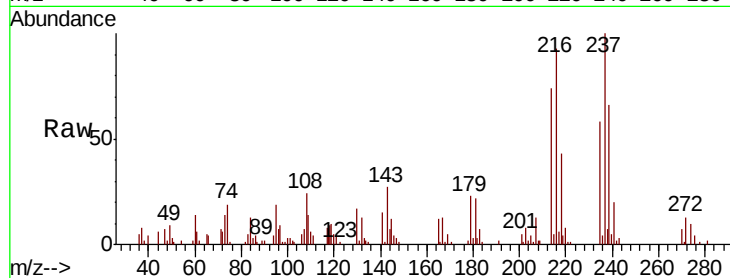
Tot Ion:237 Resp: 64906

Ion Ratio Lower Upper

237 100

235 57.7 48.3 72.5

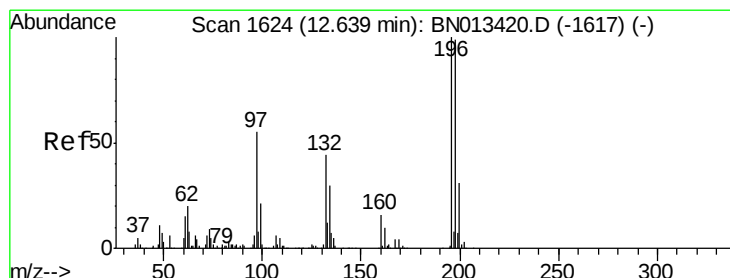
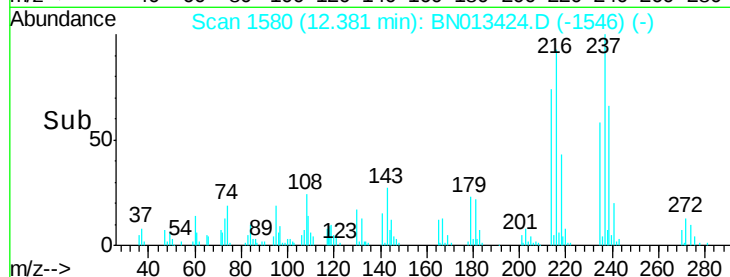
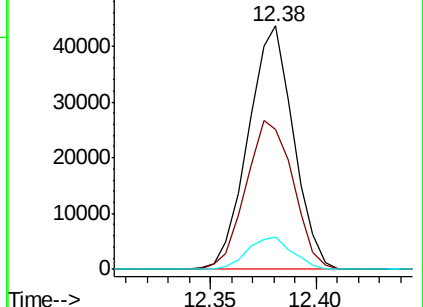
272 13.4 10.2 15.4



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: 3.253 ng/ul

RT: 12.64 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

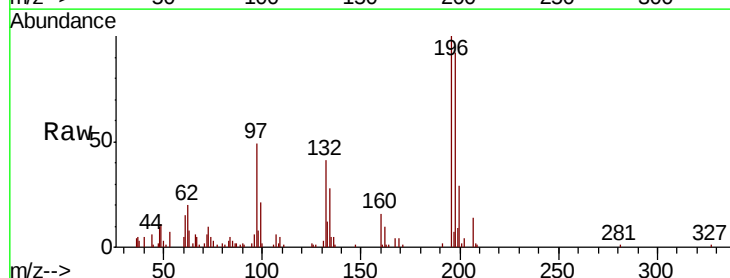
Tgt Ion:196 Resp: 54885

Ion Ratio Lower Upper

196 100

198 91.6 77.4 116.0

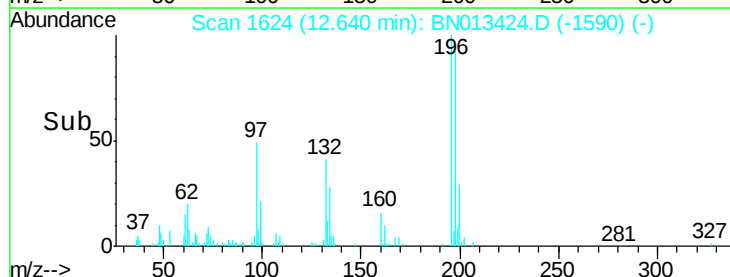
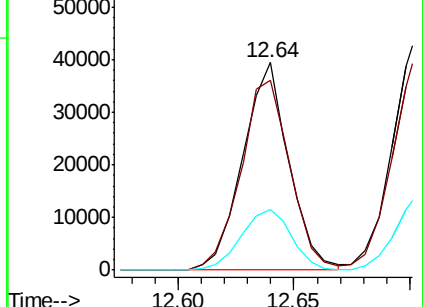
200 29.2 24.6 37.0

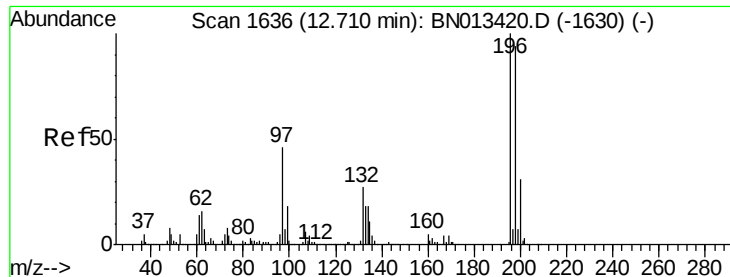


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

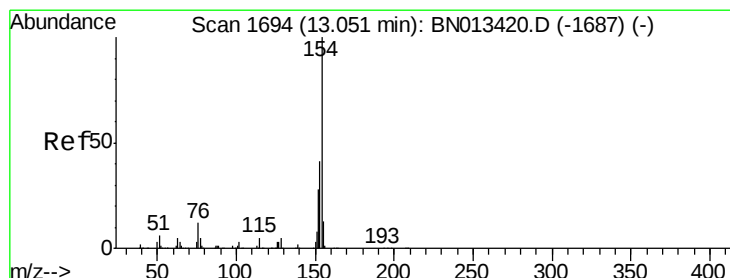
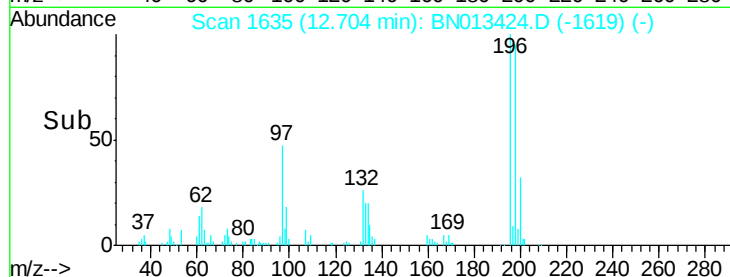
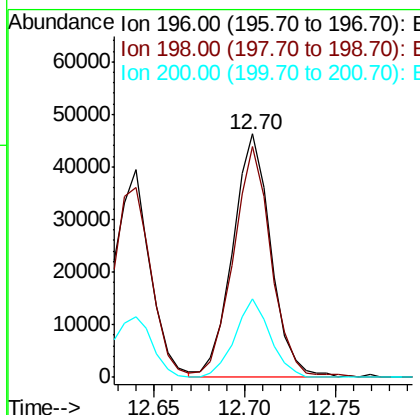
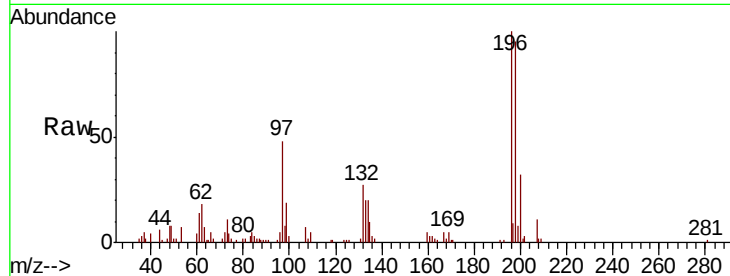




#42
 2,4,5-Trichlorophenol
 Concen: 3.694 ng/ul
 RT: 12.70 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BN013424.D
 Acq: 19 Jan 2021 13:34

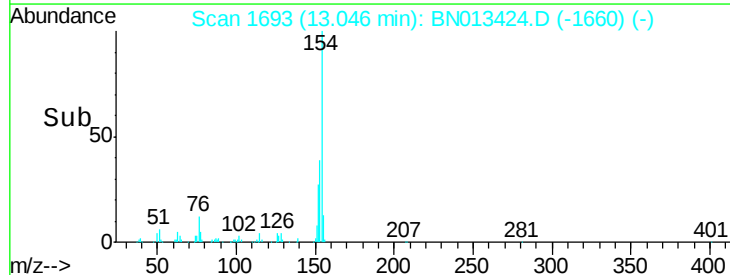
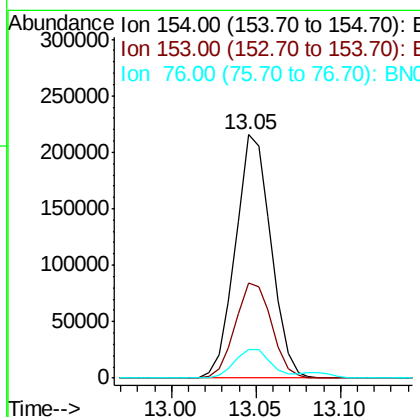
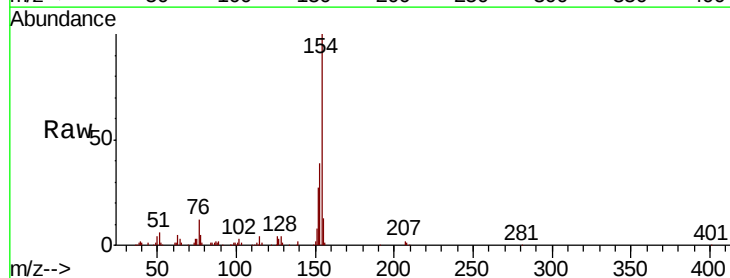
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT1-2021-01

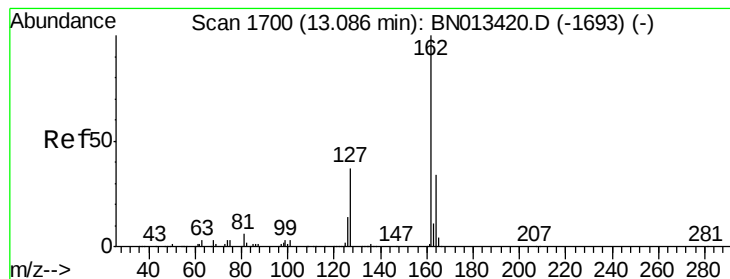
Tot Ion:196 Resp: 67860
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.1 114.1
 200 32.3 24.6 37.0



#43
 1,1'-Biphenyl
 Concen: 4.327 ng/ul
 RT: 13.05 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BN013424.D
 Acq: 19 Jan 2021 13:34

Tgt Ion:154 Resp: 315742
 Ion Ratio Lower Upper
 154 100
 153 39.2 31.8 47.8
 76 12.0 9.8 14.8





#44

2-Chloronaphthalene

Concen: 4.279 ng/ul

RT: 13.08 min Scan# 1699

Delta R.T. -0.01 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2021-01

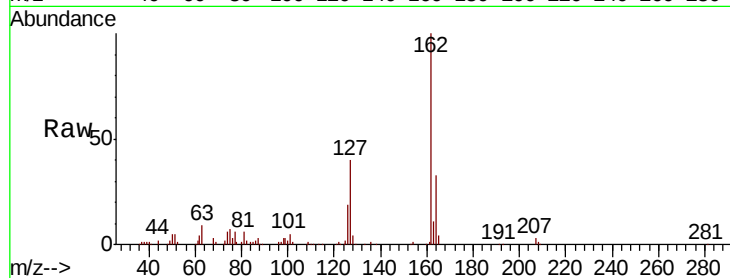
Tot Ion:162 Resp: 246159

Ion Ratio Lower Upper

162 100

164 33.4 25.8 38.8

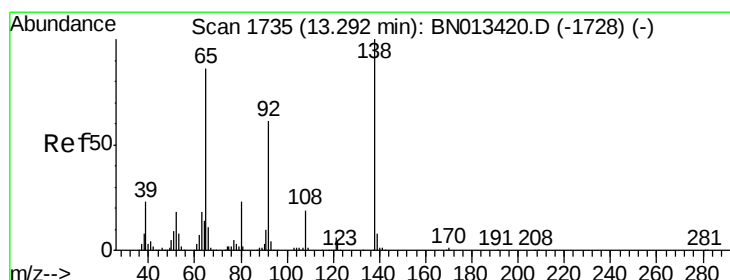
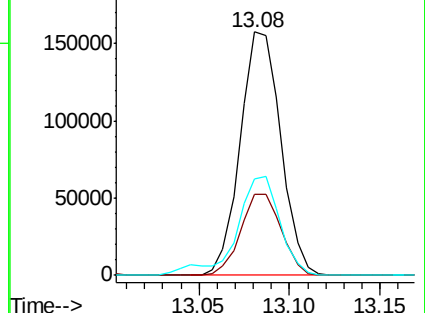
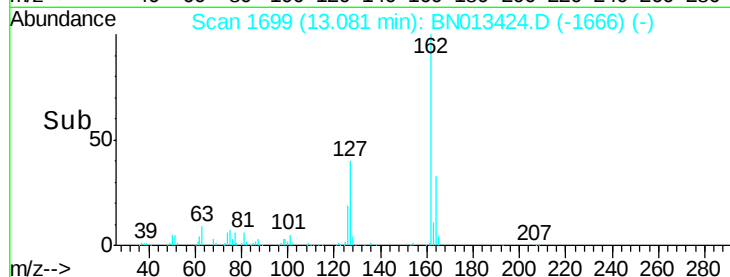
127 39.6 31.3 46.9



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: 3.086 ng/ul

RT: 13.29 min Scan# 1735

Delta R.T. 0.00 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

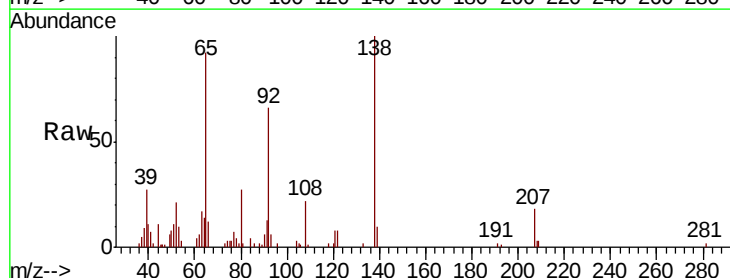
Tgt Ion: 65 Resp: 39886

Ion Ratio Lower Upper

65 100

92 72.1 56.7 85.1

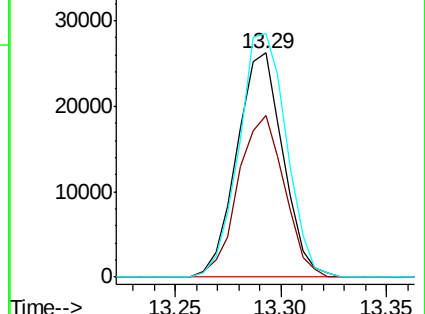
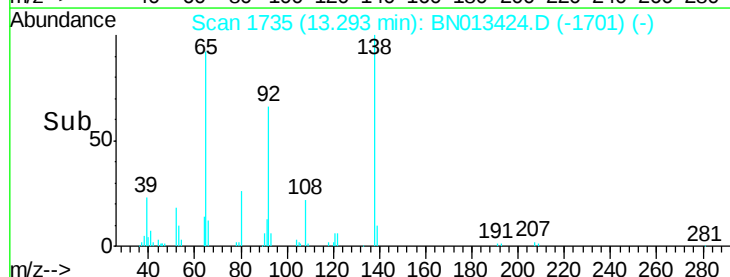
138 108.8 93.2 139.8

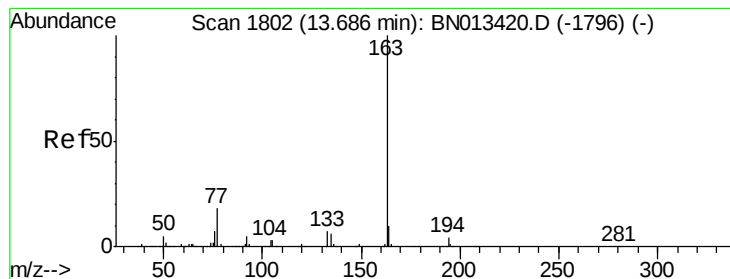


Abundance Ion 65.00 (64.70 to 65.70): BNO

Ion 92.00 (91.70 to 92.70): BNO

Ion 138.00 (137.70 to 138.70): E





#47

Dimethylphthalate

Concen: 3.979 ng/ul

RT: 13.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2021-01

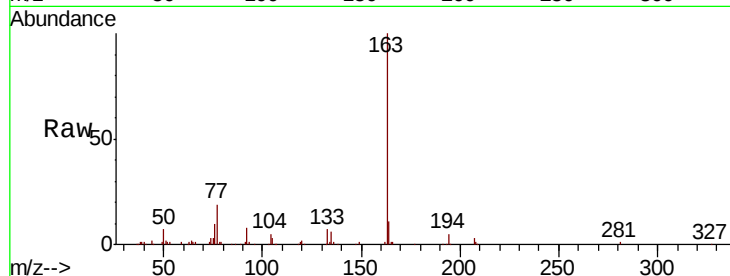
Tot Ion:163 Resp: 267567

Ion Ratio Lower Upper

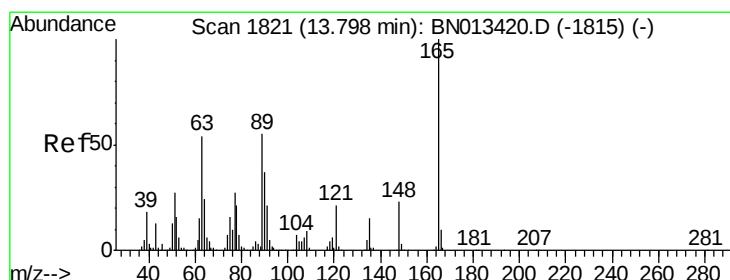
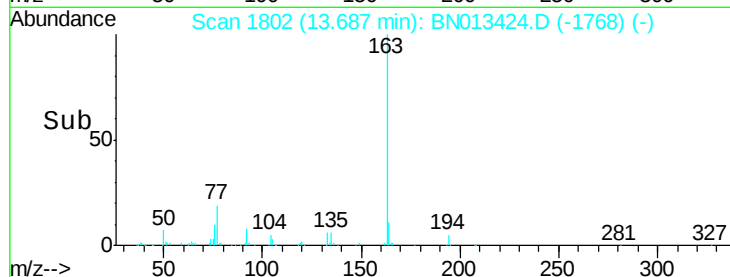
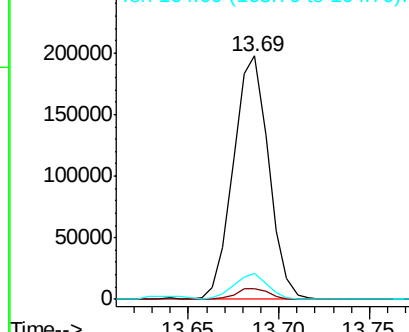
163 100

194 4.5 3.2 4.8

164 10.8 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2,6-Dinitrotoluene

Concen: 2.930 ng/ul

RT: 13.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

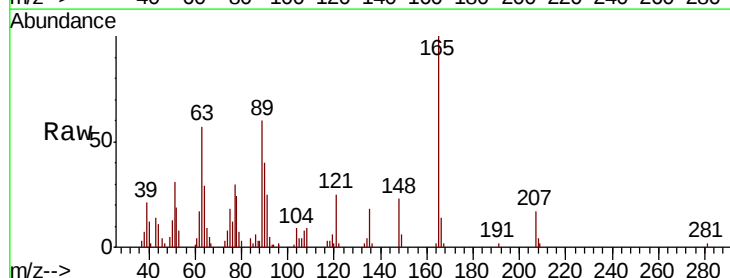
Tgt Ion:165 Resp: 37755

Ion Ratio Lower Upper

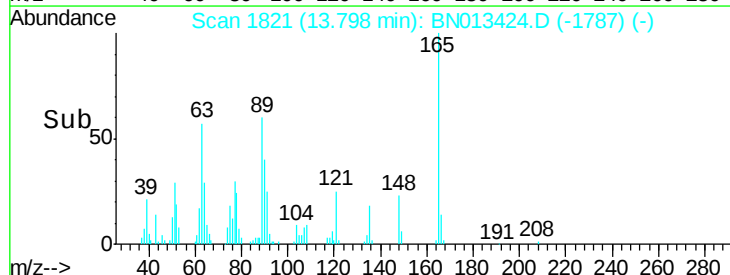
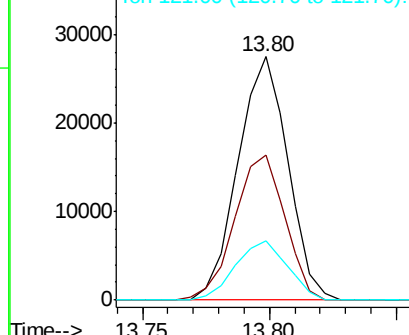
165 100

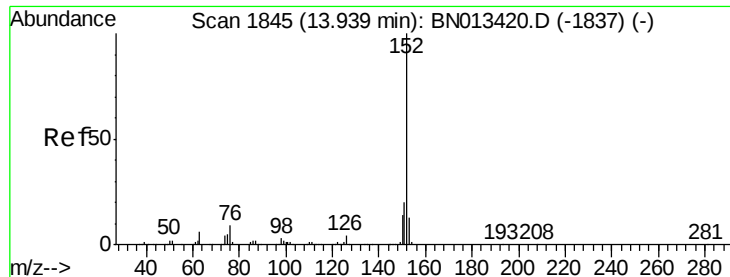
89 59.6 41.9 62.9

121 24.6 16.0 24.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BNC
Ion 121.00 (120.70 to 121.70): E





#50

Acenaphthylene

Concen: 4.237 ng/ul

RT: 13.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2021-01

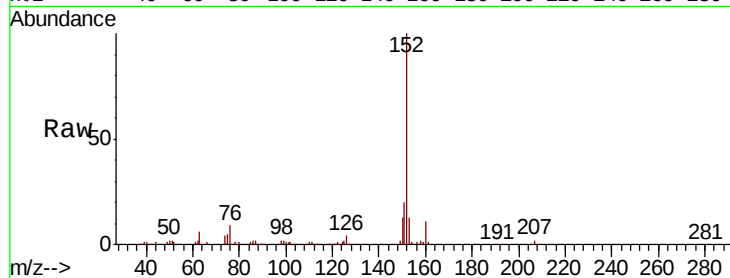
Tot Ion:152 Resp: 357899

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

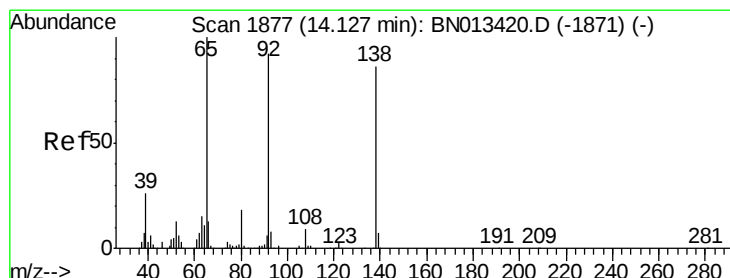
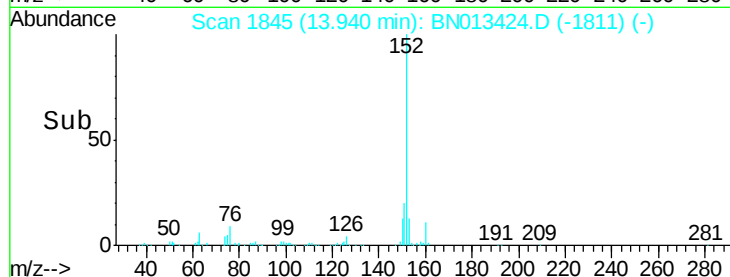
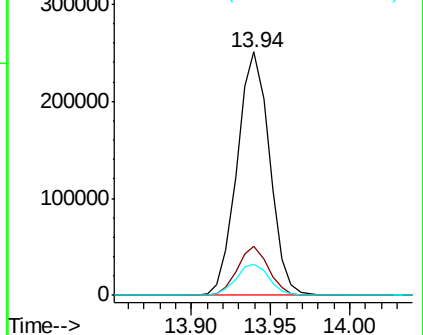
153 12.7 10.2 15.4



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: 3.138 ng/ul

RT: 14.12 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

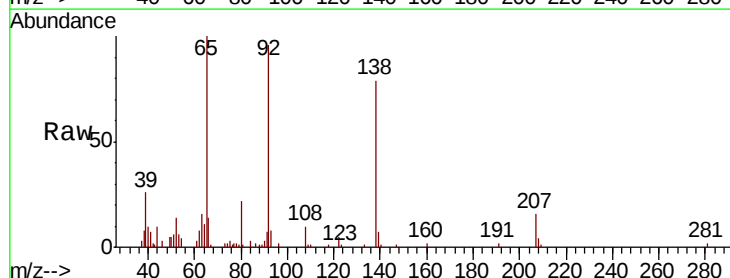
Tgt Ion:138 Resp: 37530

Ion Ratio Lower Upper

138 100

108 12.2 8.8 13.2

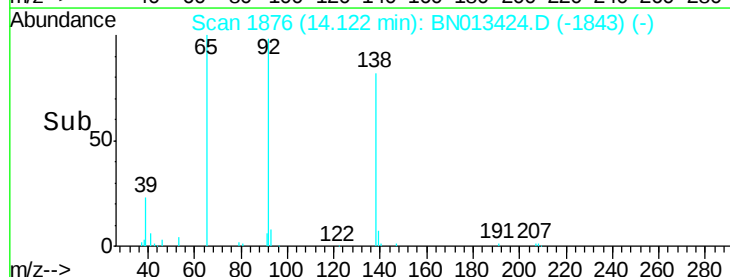
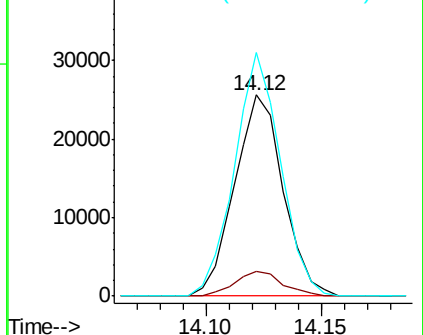
92 121.3 88.6 133.0

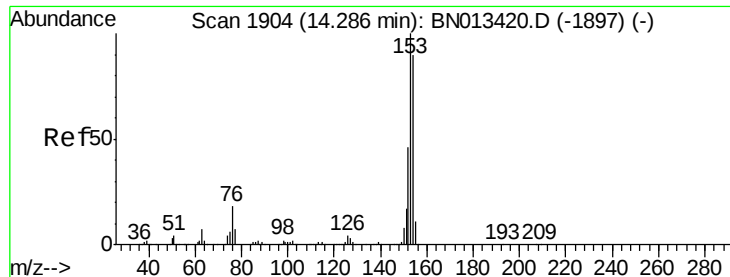


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC





#52

Acenaphthene

Concen: 4.182 ng/ul

RT: 14.29 min Scan# 1904

Delta R.T. 0.00 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2021-01

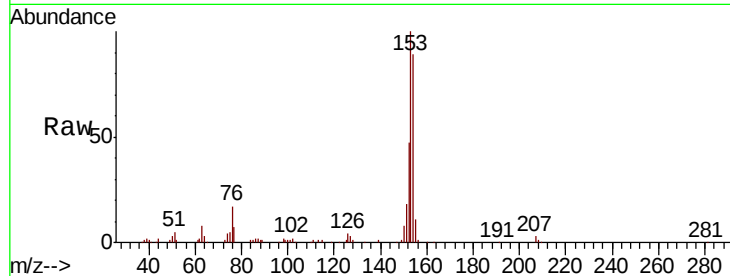
Tot Ion:153 Resp: 252022

Ion Ratio Lower Upper

153 100

152 46.9 38.1 57.1

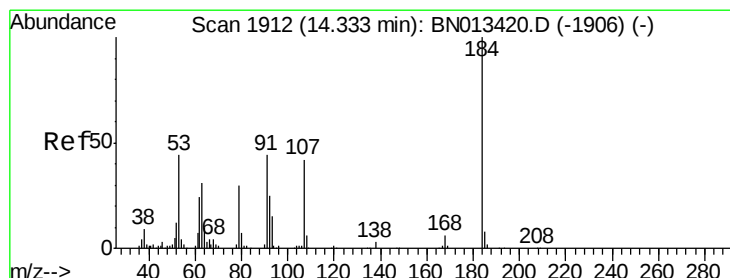
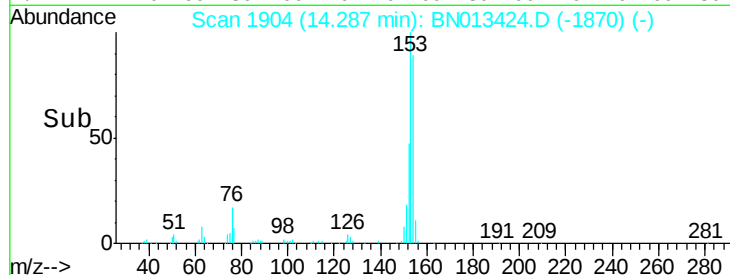
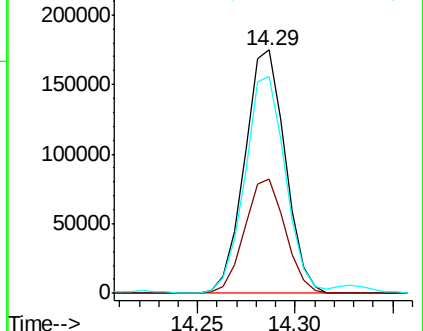
154 89.1 72.1 108.1



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: 1.907 ng/ul

RT: 14.33 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

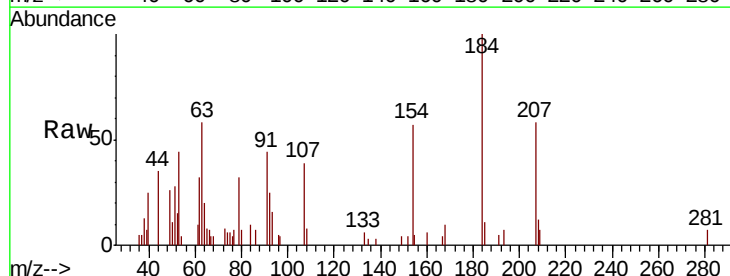
Tgt Ion:184 Resp: 13759

Ion Ratio Lower Upper

184 100

63 58.1 49.1 73.7

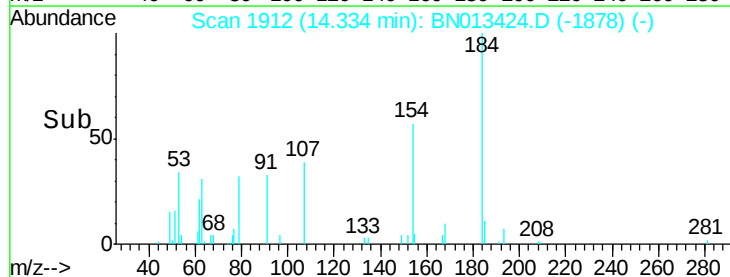
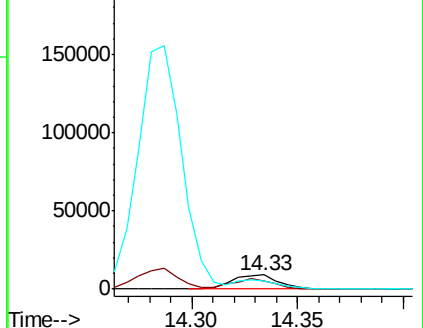
154 56.5 50.2 75.2

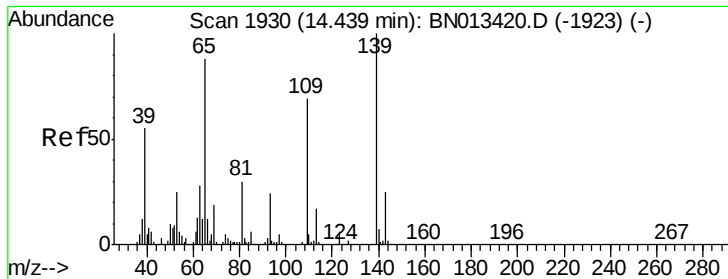


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BN0

Ion 154.00 (153.70 to 154.70): E

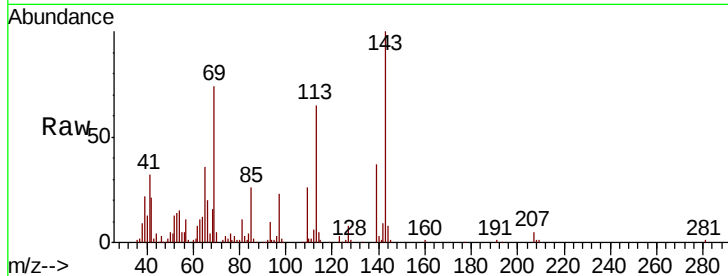




#55
4-Nitrophenol
Concen: 3.898 ng/ul
RT: 14.43 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BN013424.D
Acq: 19 Jan 2021 13:34

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2021-01

Tot Ion	Ratio	Lower	Upper
109	100		
139	138.6	120.1	180.1
65	136.0	101.4	152.0

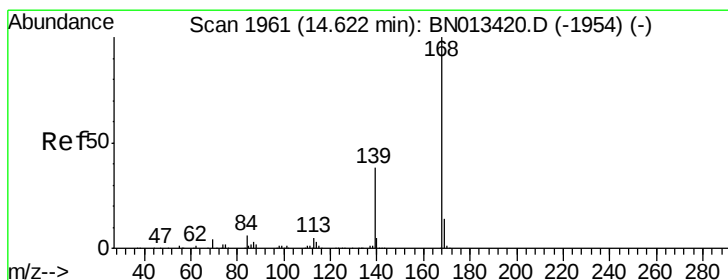
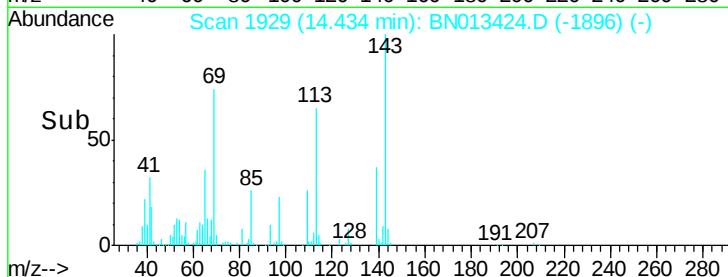
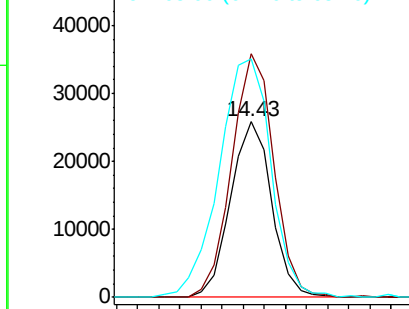


Abundance

Ion 109.00 (108.70 to 109.70): E

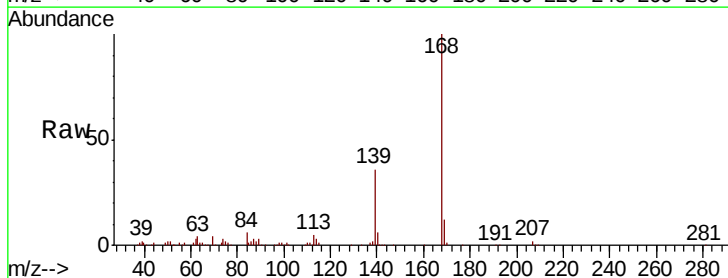
Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNC



#56
Dibenzofuran
Concen: 4.286 ng/ul
RT: 14.62 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BN013424.D
Acq: 19 Jan 2021 13:34

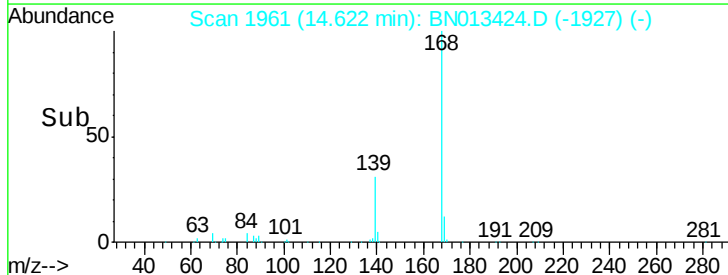
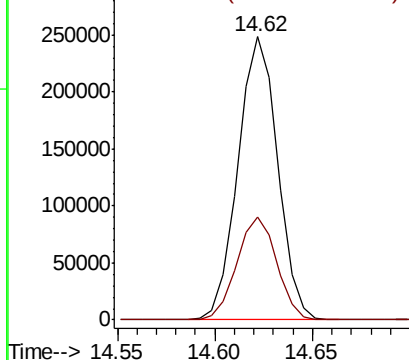
Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.2	30.7	46.1

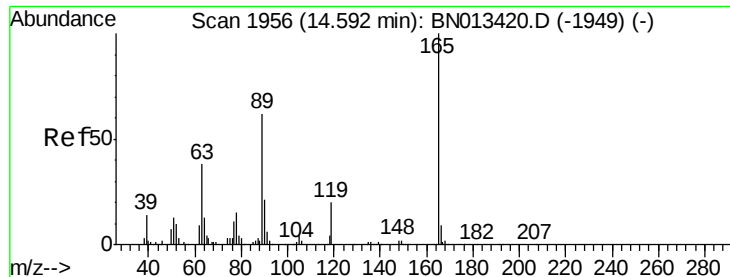


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

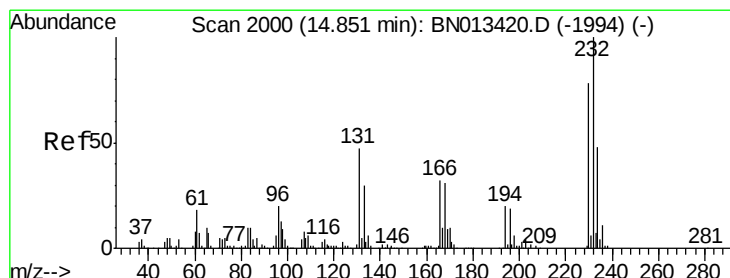
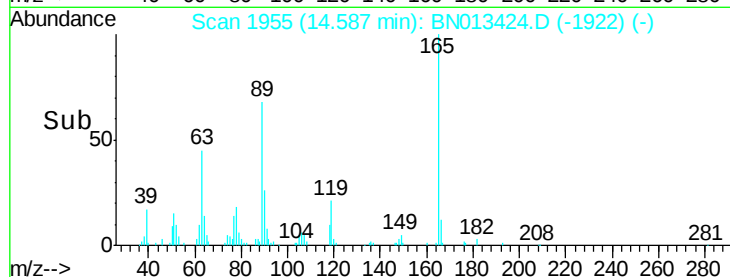
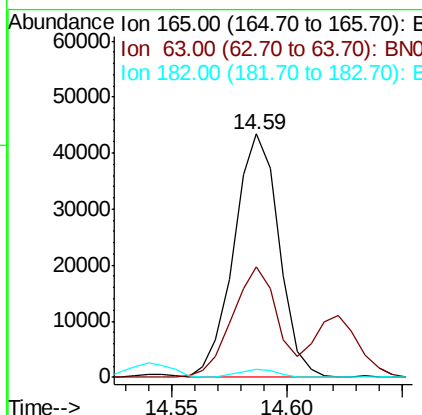
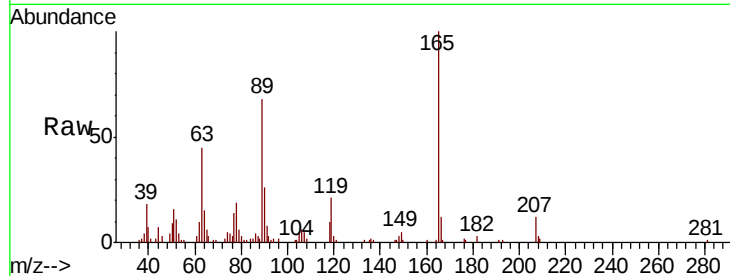




#57
2,4-Dinitrotoluene
Concen: 3.225 ng/ul
RT: 14.59 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BN013424.D
Acq: 19 Jan 2021 13:34

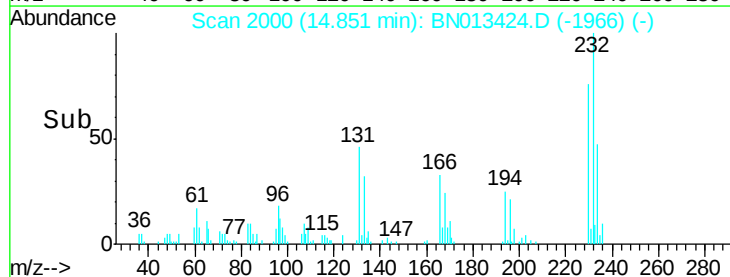
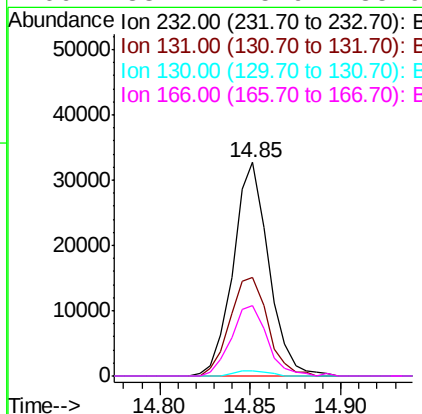
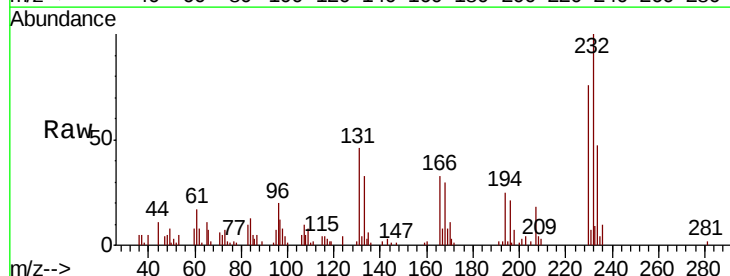
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2021-01

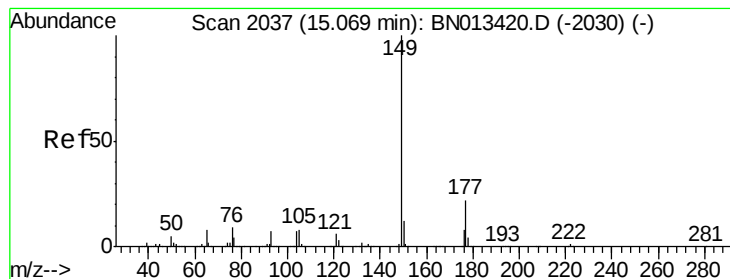
Tot Ion	Ratio	Lower	Upper
165	100		
63	45.3	31.3	46.9
182	3.1	2.4	3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.022 ng/ul
RT: 14.85 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BN013424.D
Acq: 19 Jan 2021 13:34

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.9	39.1	58.7
130	2.3	1.9	2.9
166	33.1	25.9	38.9





#59

Diethylphthalate

Concen: 3.477 ng/ul

RT: 15.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2021-01

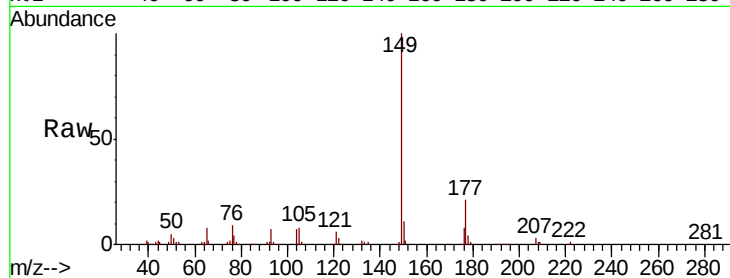
Tot Ion:149 Resp: 227976

Ion Ratio Lower Upper

149 100

177 21.3 17.4 26.2

150 11.4 10.3 15.5



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

250000

200000

150000

100000

50000

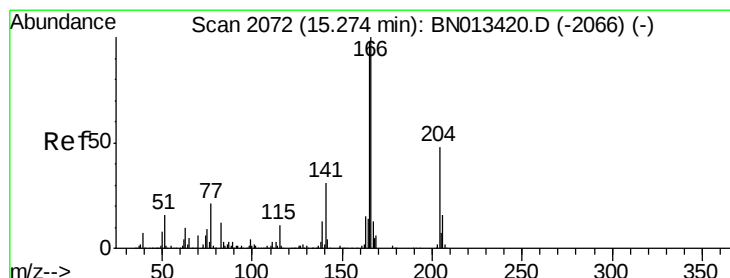
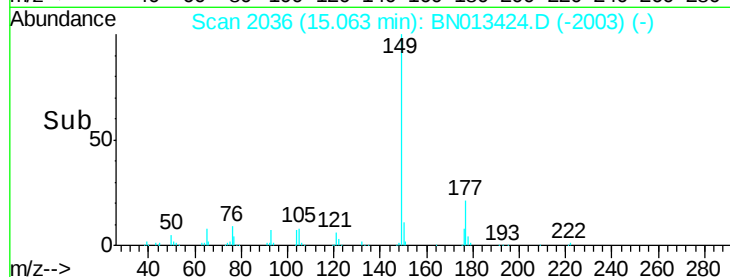
0

15.06

15.05

15.10

Time-->



#61

Fluorene

Concen: 4.195 ng/ul

RT: 15.27 min Scan# 2072

Delta R.T. 0.00 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

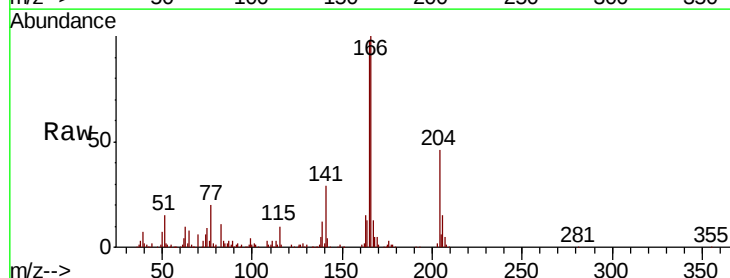
Tgt Ion:166 Resp: 273083

Ion Ratio Lower Upper

166 100

165 97.9 76.2 114.2

167 13.4 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

250000

200000

150000

100000

50000

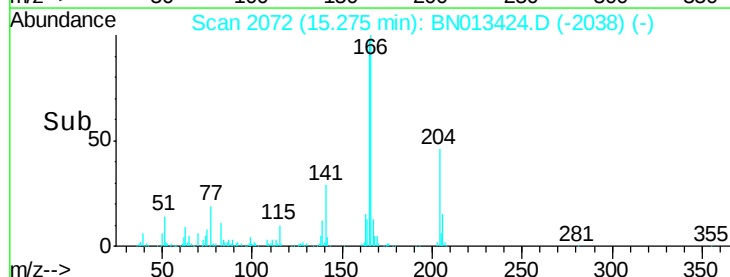
0

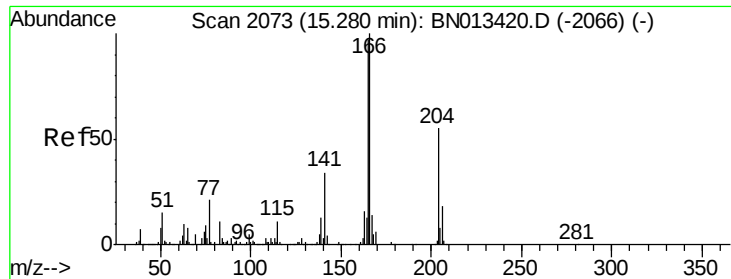
15.27

15.25

15.30

Time-->





#62

4-Chlorophenyl-phenylether

Concen: 4.217 ng/ul

RT: 15.27 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2021-01

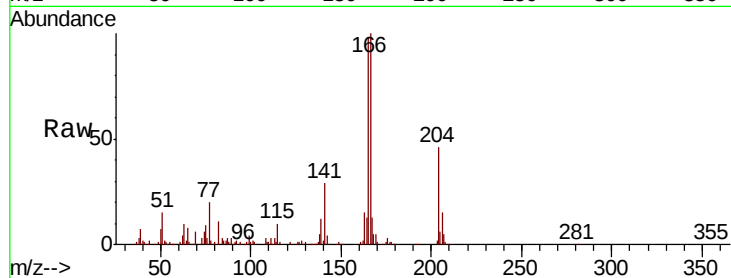
Tot Ion:204 Resp: 134007

Ion Ratio Lower Upper

204 100

206 32.8 25.8 38.6

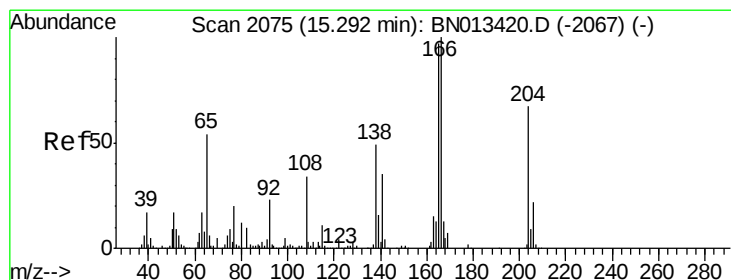
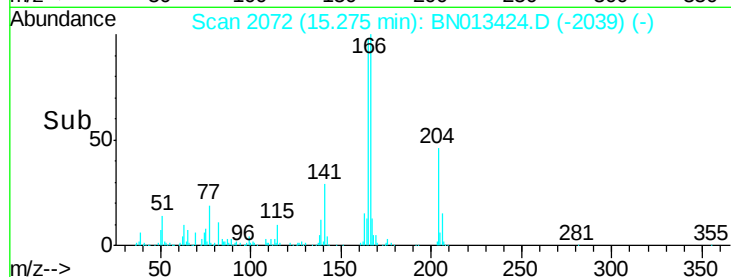
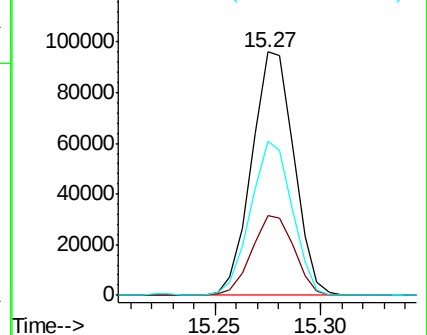
141 63.0 49.9 74.9



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: 3.117 ng/ul

RT: 15.29 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

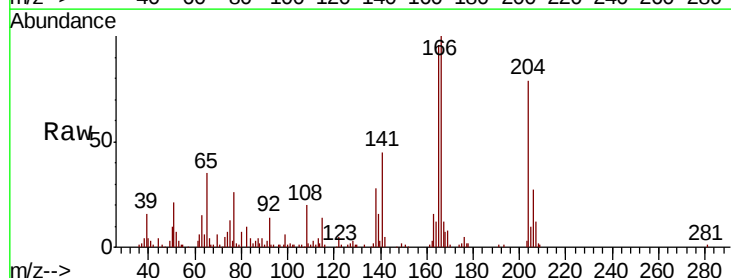
Tgt Ion:138 Resp: 33170

Ion Ratio Lower Upper

138 100

92 50.1 38.0 57.0

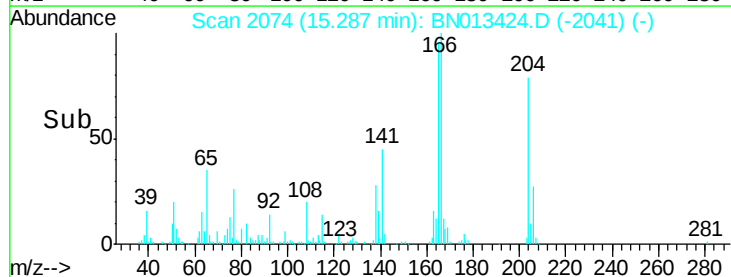
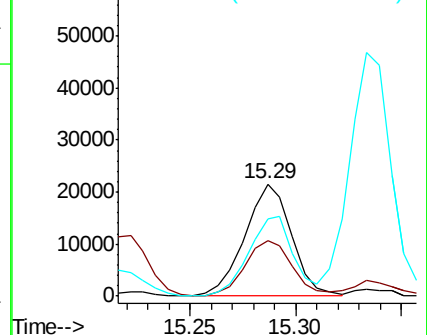
108 68.7 53.0 79.6

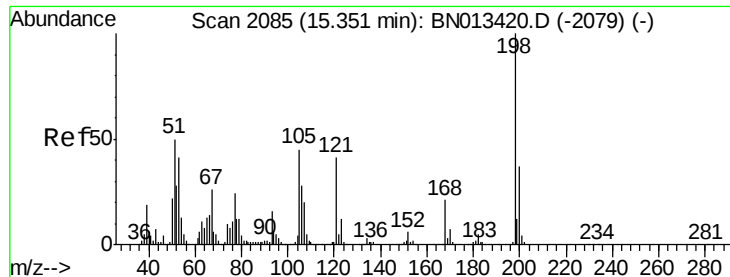


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BNO

Ion 108.00 (107.70 to 108.70): E

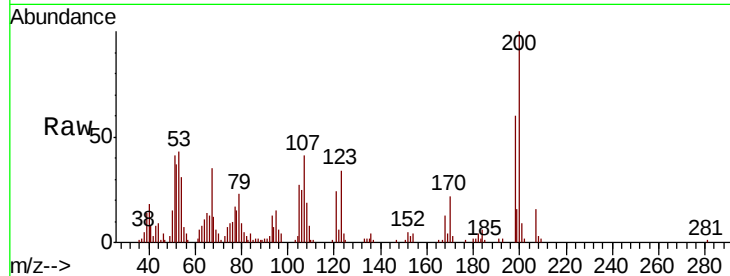




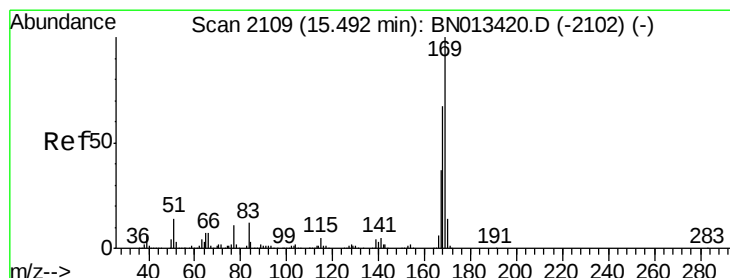
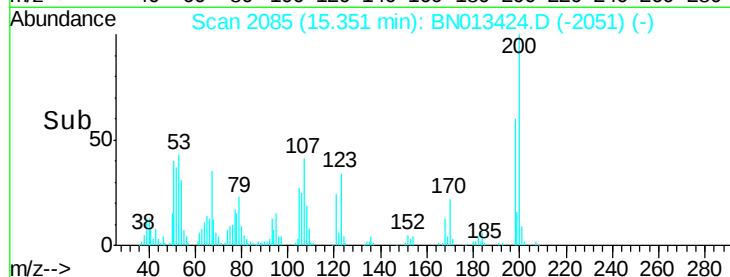
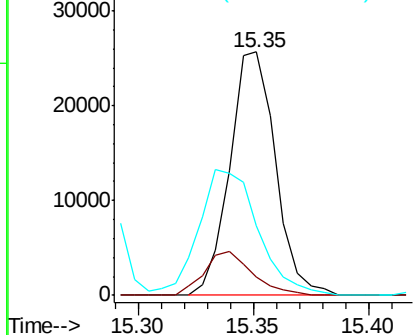
#66
4,6-Dinitro-2-methylphenol
Concen: 3.515 ng/ul
RT: 15.35 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BN013424.D
Acq: 19 Jan 2021 13:34

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2021-01

Tot Ion:198 Resp: 35514
Ion Ratio Lower Upper
198 100
182 7.4 3.3 4.9#
77 28.7 17.1 25.7#

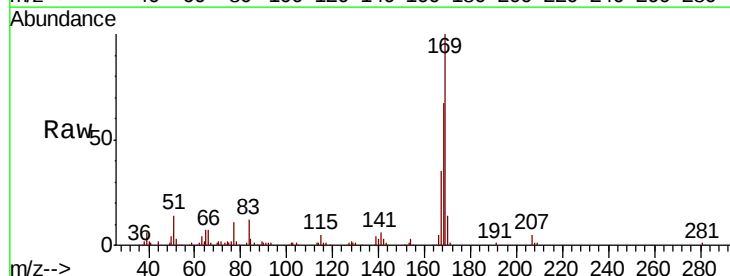


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 77.00 (76.70 to 77.70): BNC

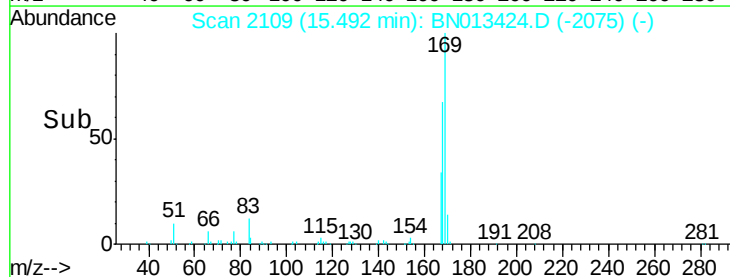
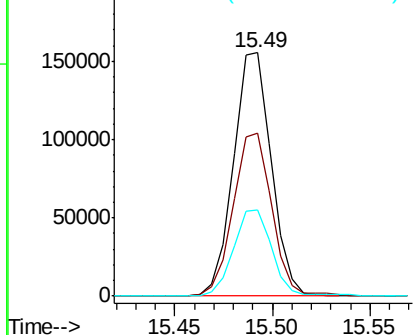


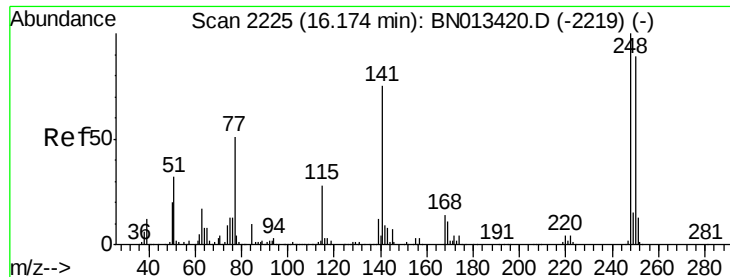
#67
N-Nitrosodiphenylamine
Concen: 4.098 ng/ul
RT: 15.49 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BN013424.D
Acq: 19 Jan 2021 13:34

Tgt Ion:169 Resp: 209492
Ion Ratio Lower Upper
169 100
168 66.8 52.4 78.6
167 35.4 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

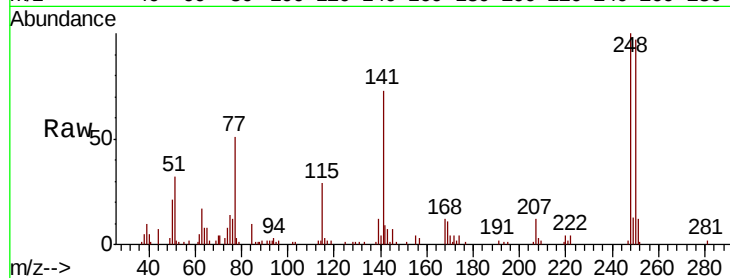




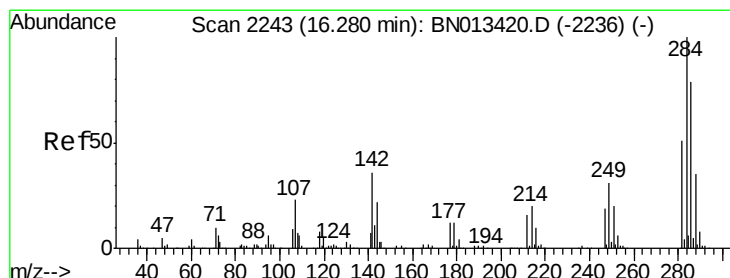
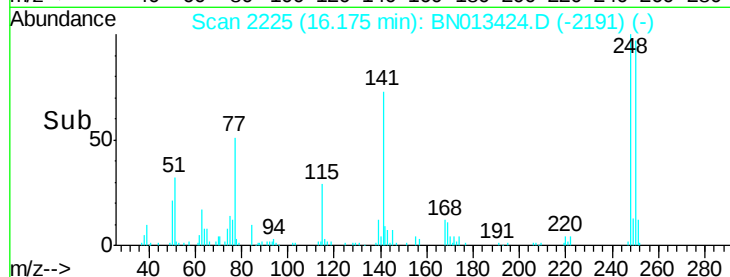
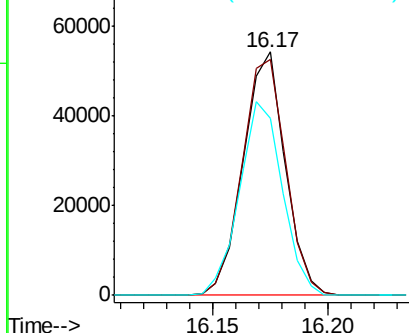
#68
 4-Bromophenyl-phenylether
 Concen: 3.859 ng/ul
 RT: 16.17 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BN013424.D
 Acq: 19 Jan 2021 13:34

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT1-2021-01

Tot Ion:248 Resp: 68814
 Ion Ratio Lower Upper
 248 100
 250 97.1 80.4 120.6
 141 72.9 66.6 100.0

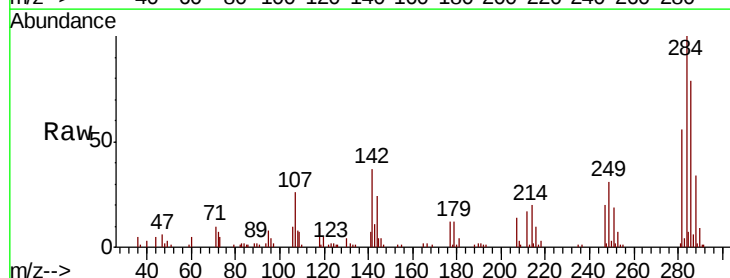


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

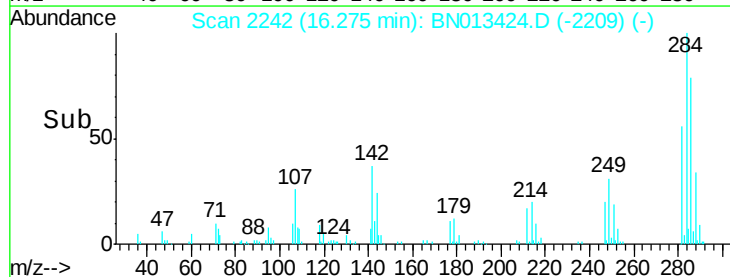
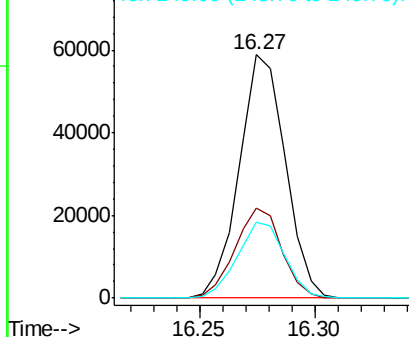


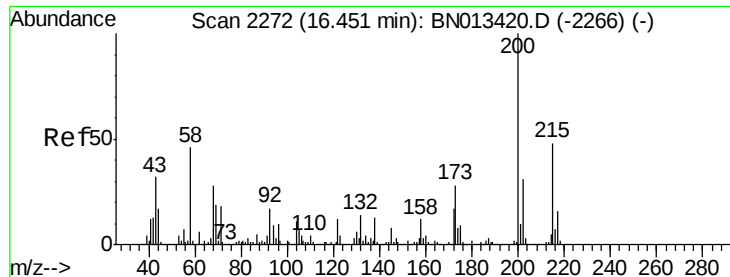
#69
 Hexachlorobenzene
 Concen: 4.075 ng/ul
 RT: 16.27 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BN013424.D
 Acq: 19 Jan 2021 13:34

Tgt Ion:284 Resp: 82166
 Ion Ratio Lower Upper
 284 100
 142 34.9 29.8 44.6
 249 29.0 25.0 37.4



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

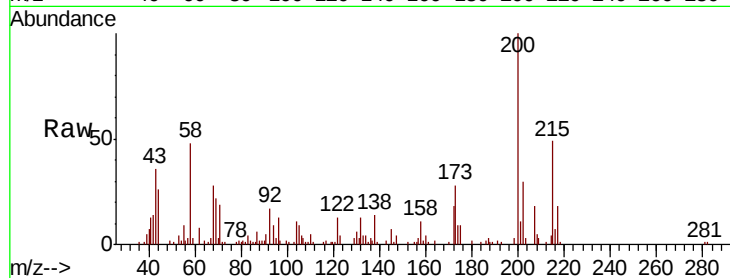




#70
Atrazine
Concen: 3.047 ng/ul
RT: 16.45 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BN013424.D
Acq: 19 Jan 2021 13:34

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2021-01

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	22.8	34.2
215	48.6	39.6	59.4

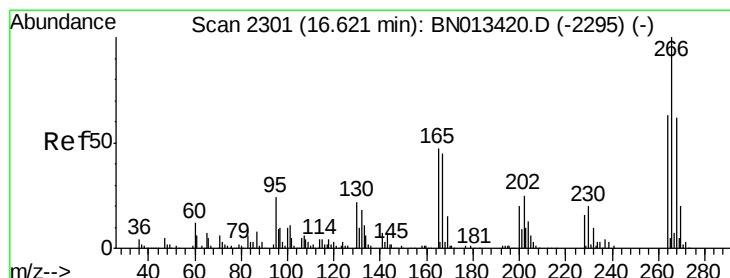
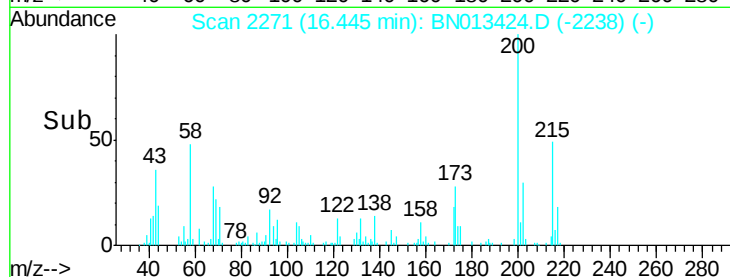
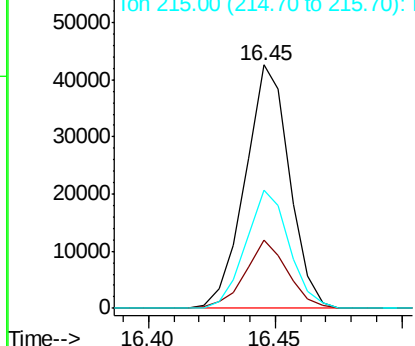


Abundance

Ion 200.00 (199.70 to 200.70): E

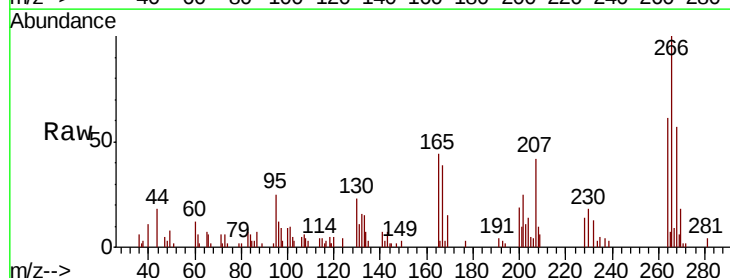
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#71
Pentachlorophenol
Concen: 2.437 ng/ul
RT: 16.62 min Scan# 2301
Delta R.T. 0.00 min
Lab File: BN013424.D
Acq: 19 Jan 2021 13:34

Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.9	50.8	76.2
268	56.6	51.4	77.2

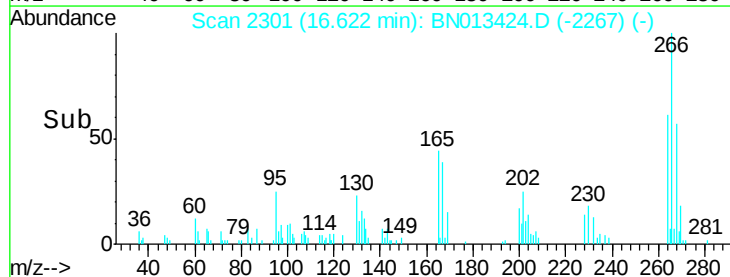
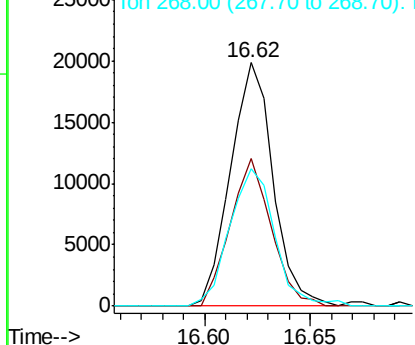


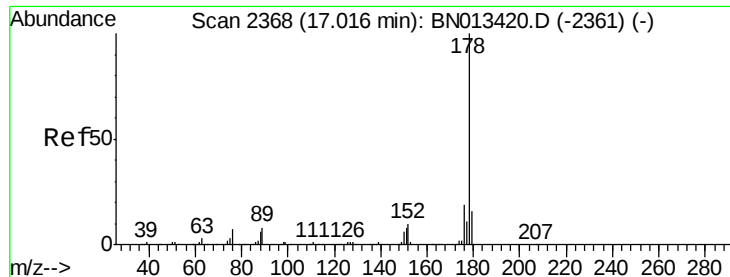
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#72

Phenanthrene

Concen: 4.257 ng/ul

RT: 17.01 min Scan# 2367

Delta R.T. -0.01 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2021-01

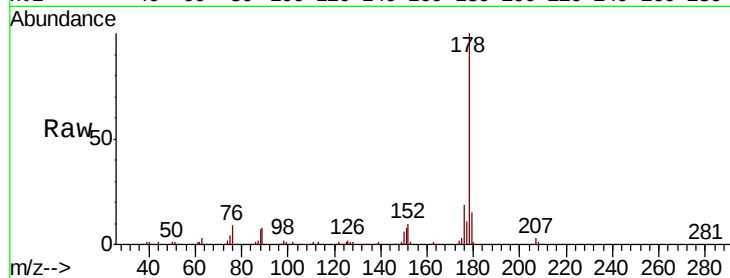
Tot Ion:178 Resp: 404157

Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

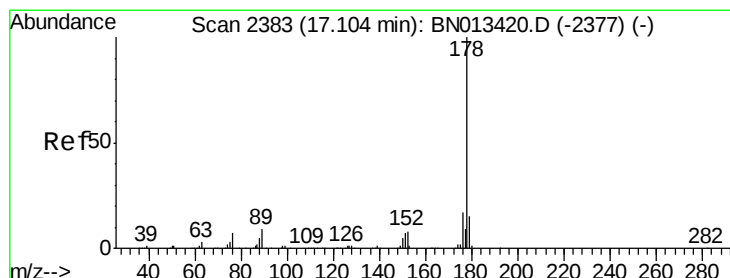
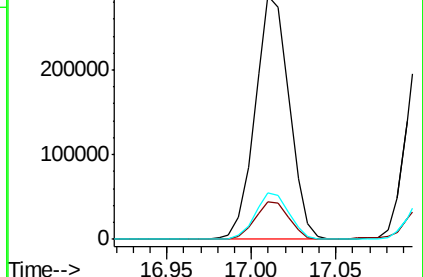
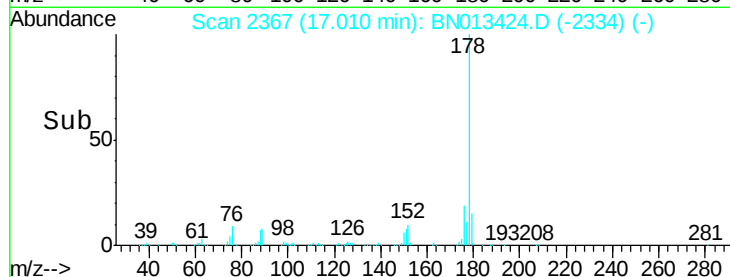
176 19.2 14.6 22.0



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: 4.224 ng/ul

RT: 17.10 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

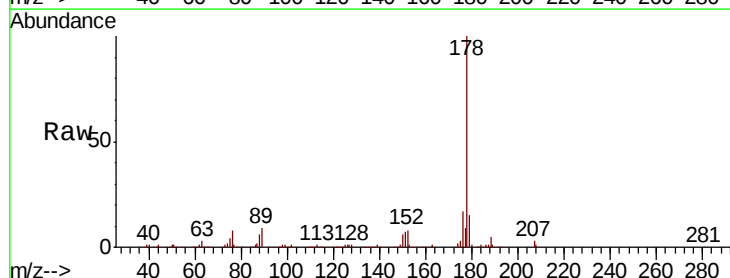
Tgt Ion:178 Resp: 404334

Ion Ratio Lower Upper

178 100

179 15.1 12.5 18.7

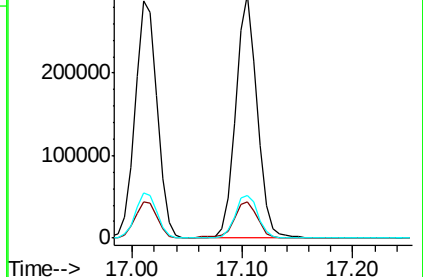
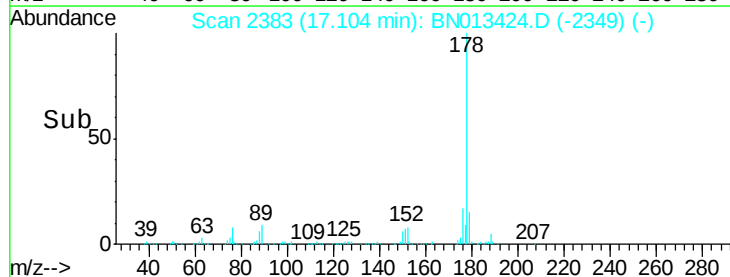
176 17.3 14.9 22.3

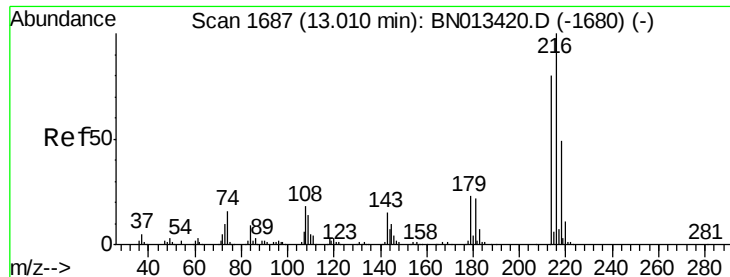


Abundance Ion 178.00 (177.70 to 178.70): E

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: 4.661 ng/uL

RT: 13.00 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2021-01

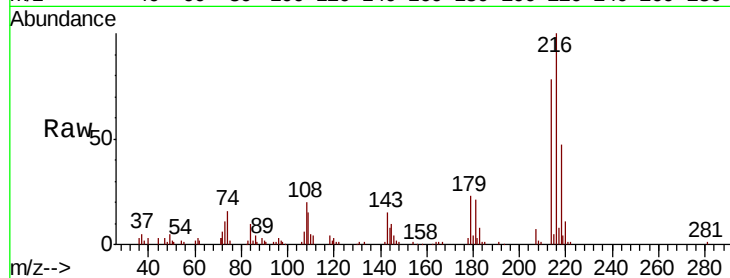
Tot Ion:216 Resp: 118816

Ion Ratio Lower Upper

216 100

214 78.0 63.5 95.3

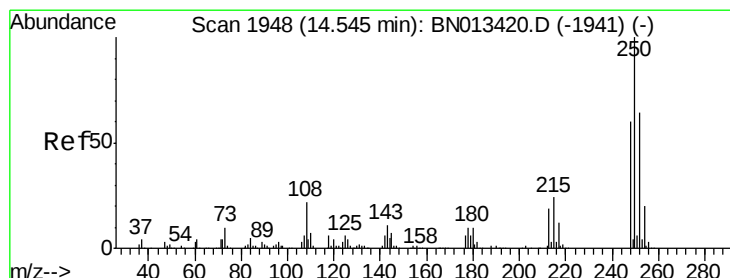
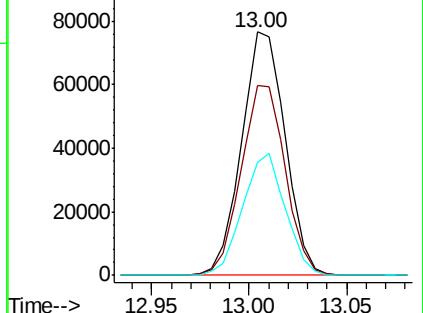
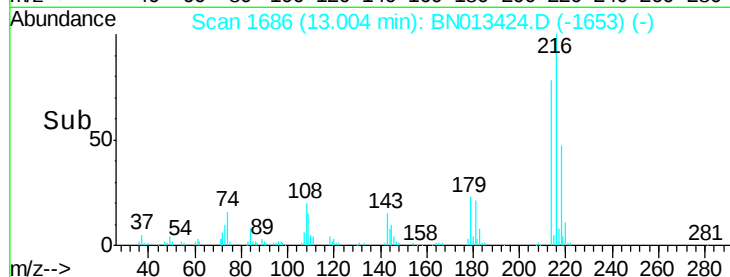
218 46.6 37.2 55.8



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#76

Pentachlorobenzene

Concen: 4.372 ng/uL

RT: 14.54 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

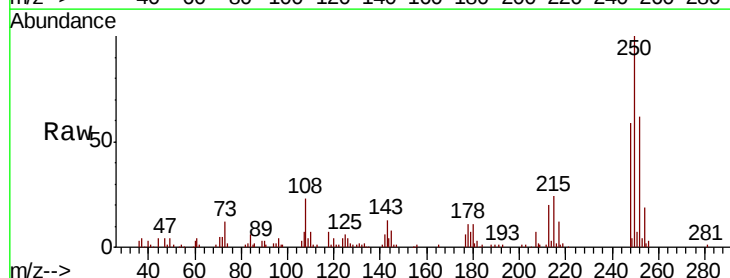
Tgt Ion:250 Resp: 108482

Ion Ratio Lower Upper

250 100

248 58.9 48.6 73.0

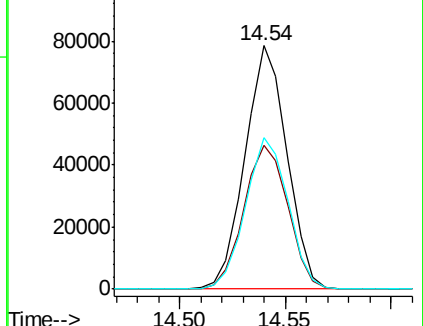
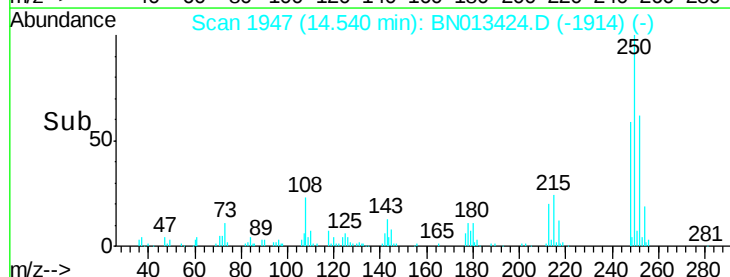
252 62.5 50.7 76.1

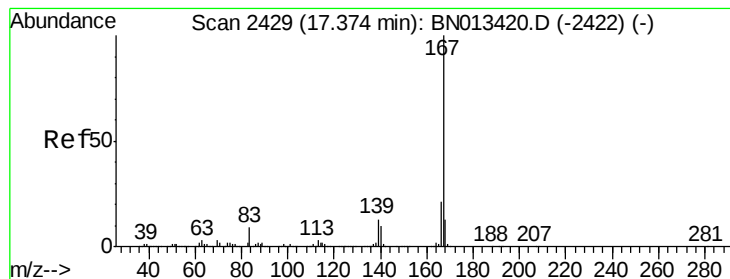


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#77

Carbazole

Concen: 3.902 ng/ul

RT: 17.37 min Scan# 2429

Delta R.T. 0.00 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2021-01

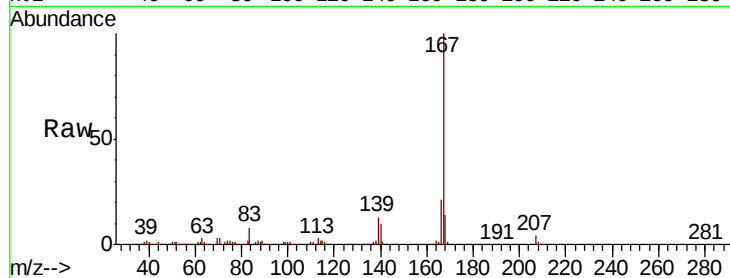
Tot Ion:167 Resp: 307010

Ion Ratio Lower Upper

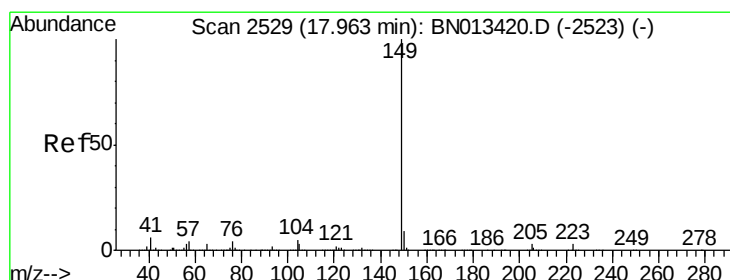
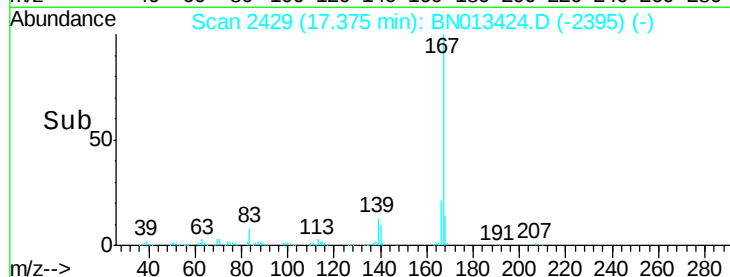
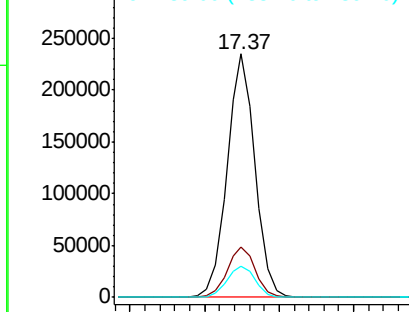
167 100

166 20.8 17.2 25.8

139 12.8 10.4 15.6



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



#78

Di-n-butylphthalate

Concen: 2.773 ng/ul

RT: 17.96 min Scan# 2529

Delta R.T. 0.00 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

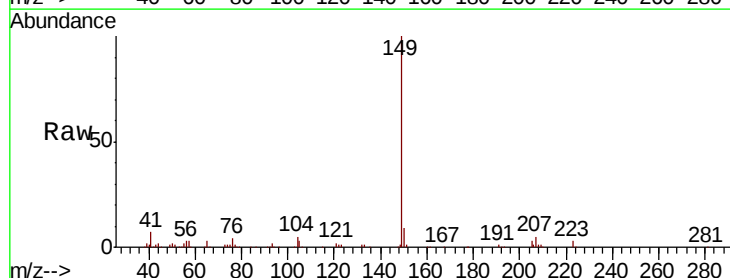
Tgt Ion:149 Resp: 260639

Ion Ratio Lower Upper

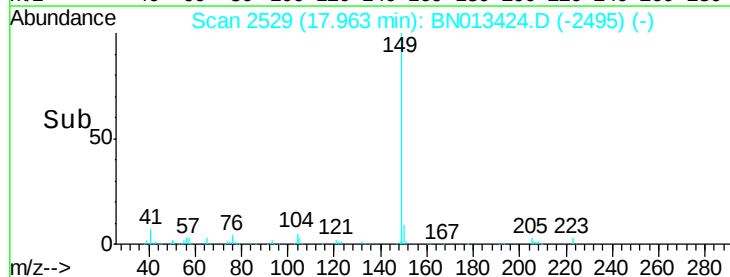
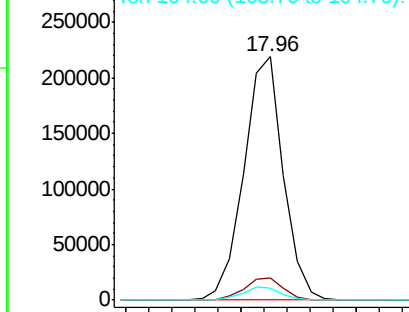
149 100

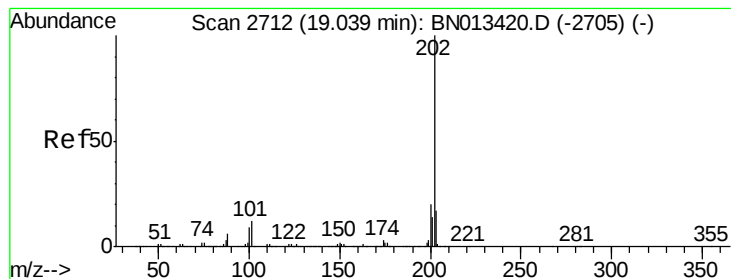
150 9.0 7.5 11.3

104 4.8 3.8 5.8



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: 3.684 ng/ul

RT: 19.04 min Scan# 2712

Delta R.T. 0.00 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2021-01

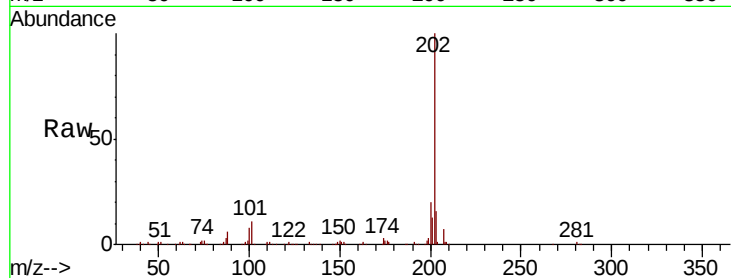
Tot Ion:202 Resp: 382985

Ion Ratio Lower Upper

202 100

101 11.3 9.8 14.6

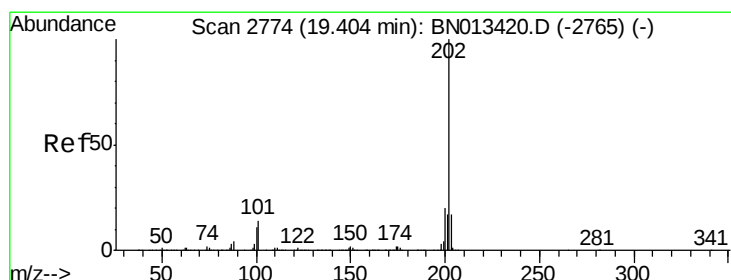
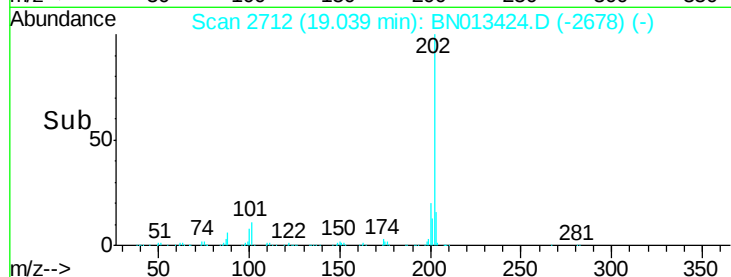
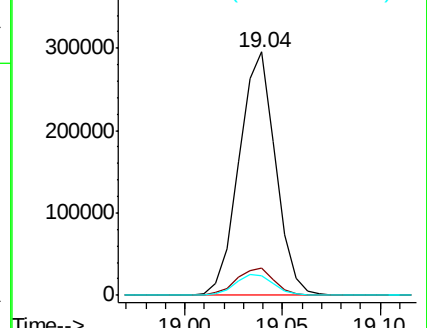
100 8.3 7.7 11.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#82

Pyrene

Concen: 4.114 ng/ul

RT: 19.40 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

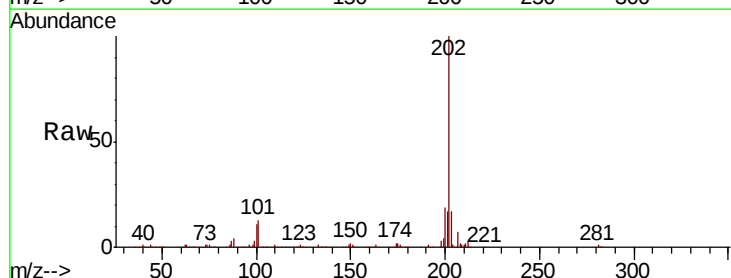
Tgt Ion:202 Resp: 440757

Ion Ratio Lower Upper

202 100

101 12.7 10.9 16.3

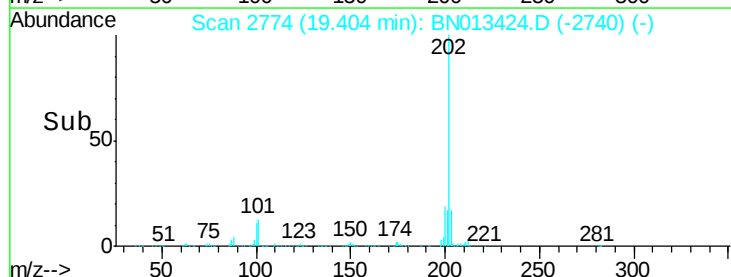
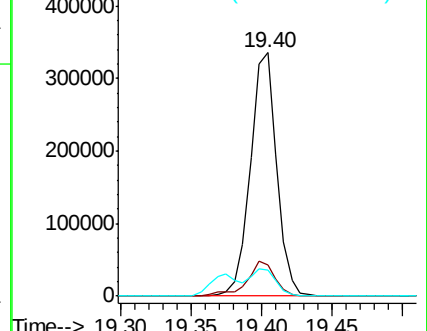
100 10.7 9.2 13.8

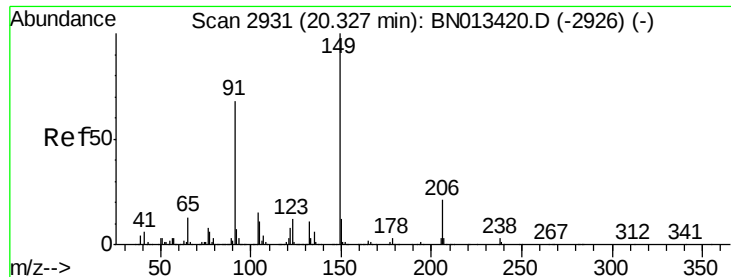


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

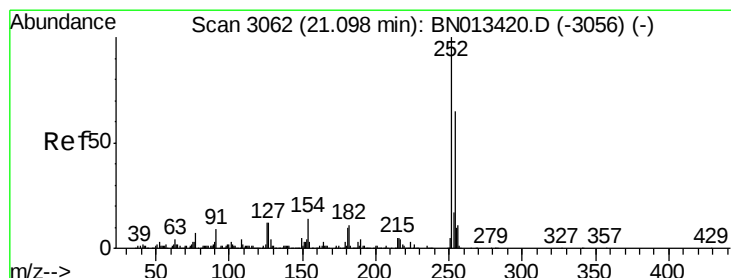
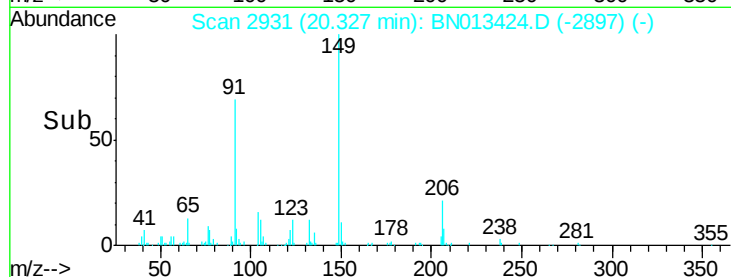
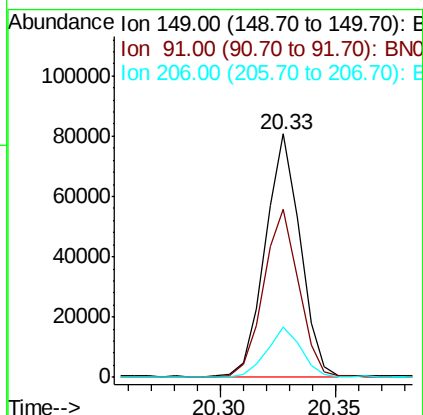
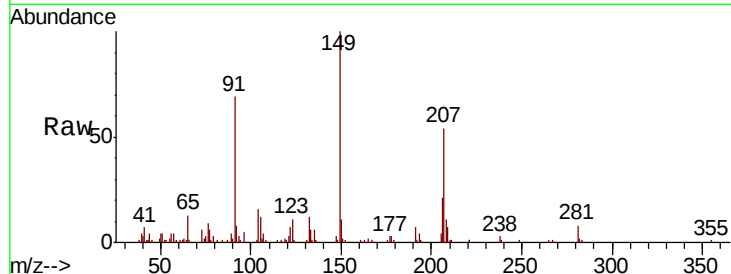




#83
Butylbenzylphthalate
Concen: 2.249 ng/ul
RT: 20.33 min Scan# 2931
Delta R.T. 0.00 min
Lab File: BN013424.D
Acq: 19 Jan 2021 13:34

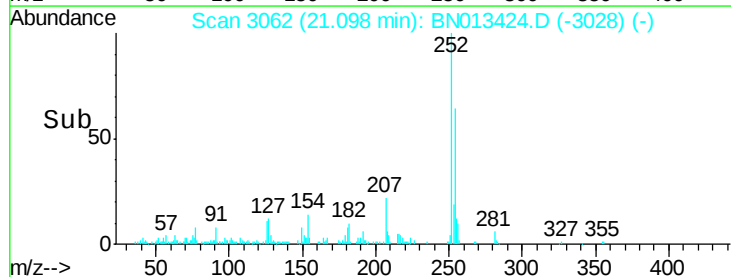
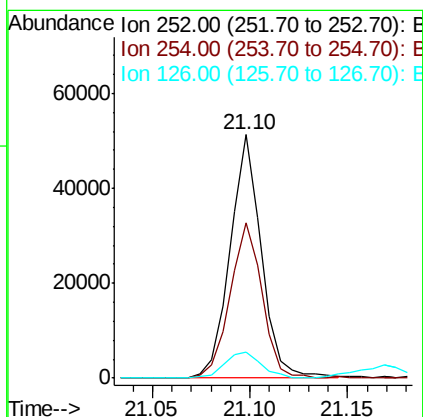
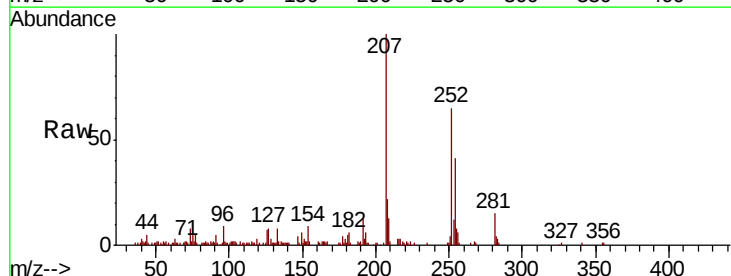
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2021-01

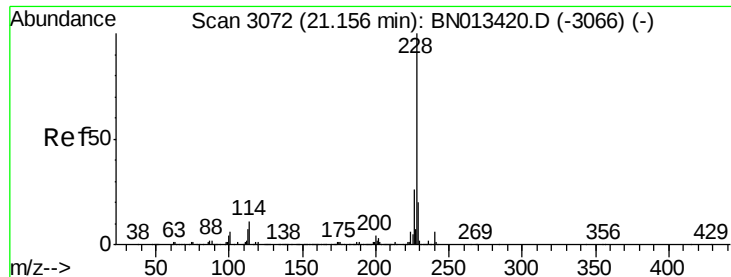
Tot Ion:149 Resp: 84613
Ion Ratio Lower Upper
149 100
91 68.9 53.3 79.9
206 20.8 15.4 23.0



#84
3,3'-Dichlorobenzidine
Concen: 2.173 ng/ul
RT: 21.10 min Scan# 3062
Delta R.T. 0.00 min
Lab File: BN013424.D
Acq: 19 Jan 2021 13:34

Tgt Ion:252 Resp: 56877
Ion Ratio Lower Upper
252 100
254 63.8 53.8 80.8
126 10.9 9.0 13.4





#85

Benzo(a)anthracene

Concen: 3.889 ng/ul

RT: 21.16 min Scan# 3072

Delta R.T. 0.00 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2021-01

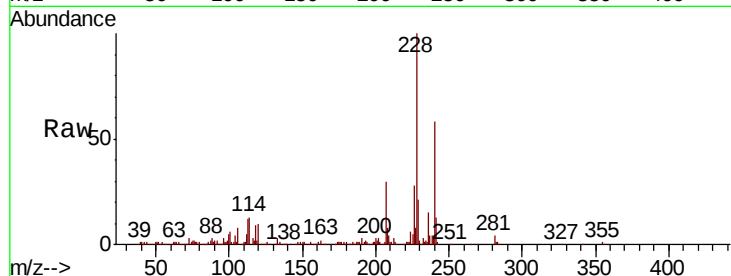
Tot Ion:228 Resp: 361615

Ion Ratio Lower Upper

228 100

229 20.5 16.0 24.0

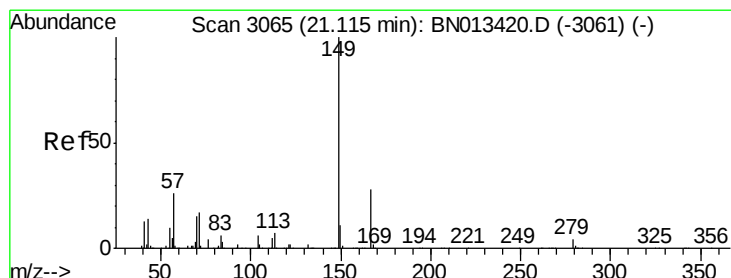
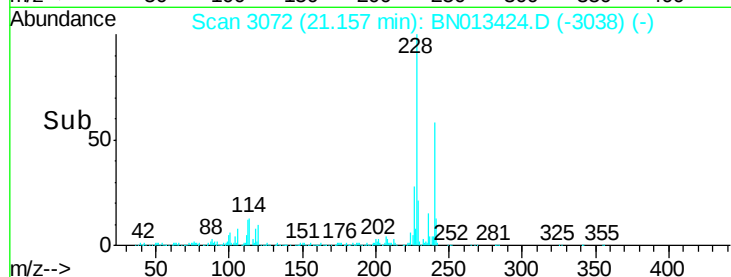
226 27.6 21.5 32.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.316 ng/ul

RT: 21.12 min Scan# 3065

Delta R.T. 0.00 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

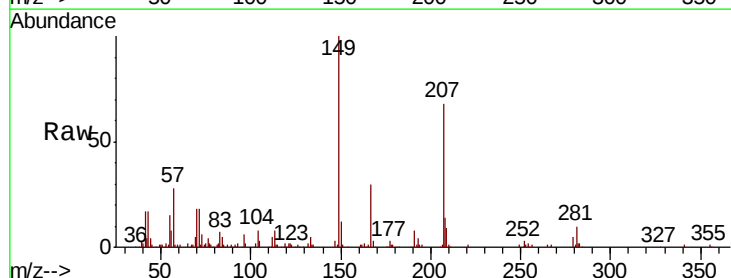
Tgt Ion:149 Resp: 125568

Ion Ratio Lower Upper

149 100

167 30.0 22.1 33.1

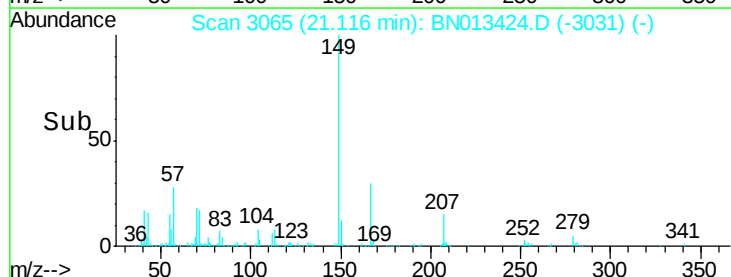
279 4.6 3.5 5.3

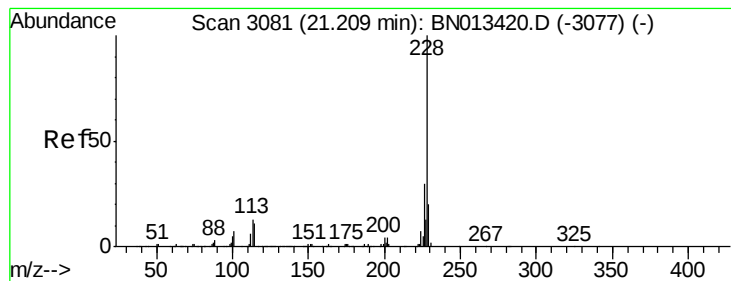


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87

Chrysene

Concen: 4.176 ng/ul

RT: 21.21 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2021-01

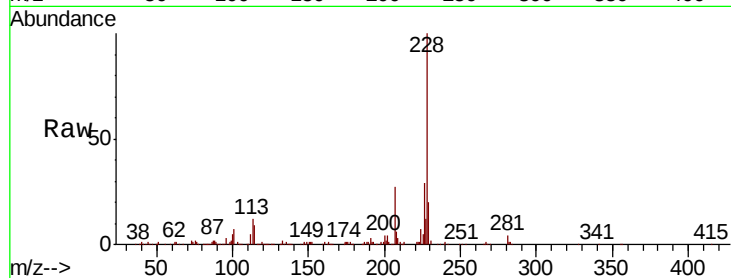
Tot Ion:228 Resp: 382661

Ion Ratio Lower Upper

228 100

226 28.7 23.8 35.8

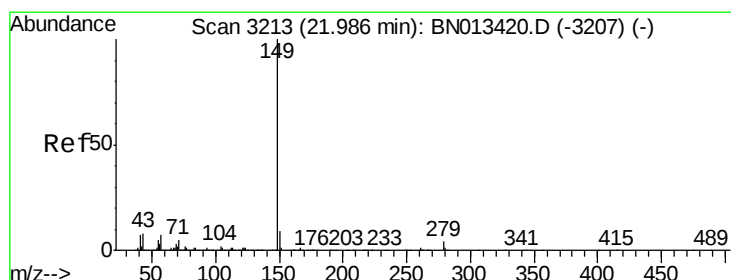
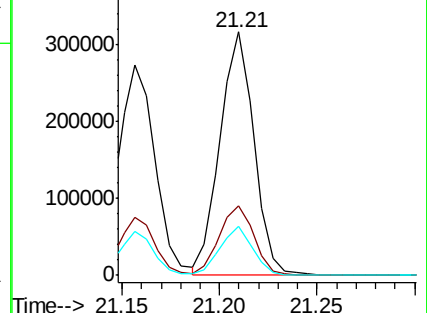
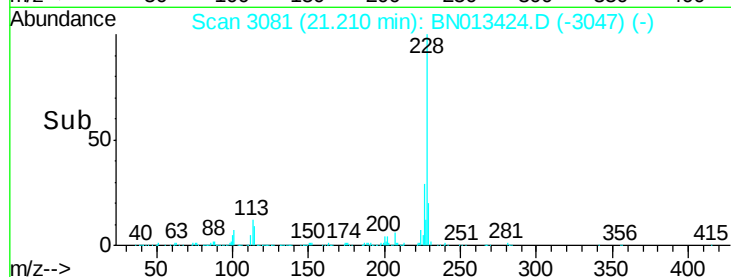
229 20.0 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#89

Di-n-octyl phthalate

Concen: 2.169 ng/ul

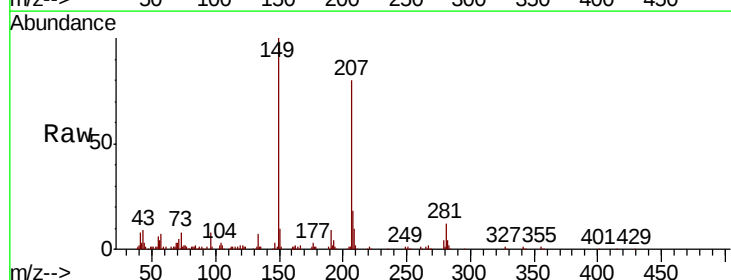
RT: 21.99 min Scan# 3213

Delta R.T. 0.00 min

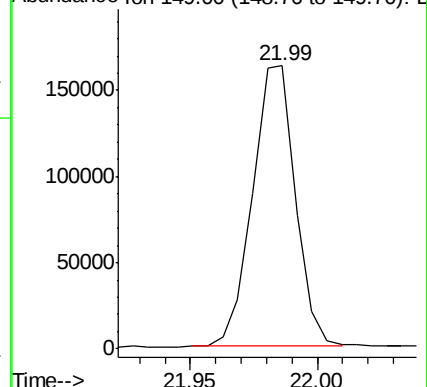
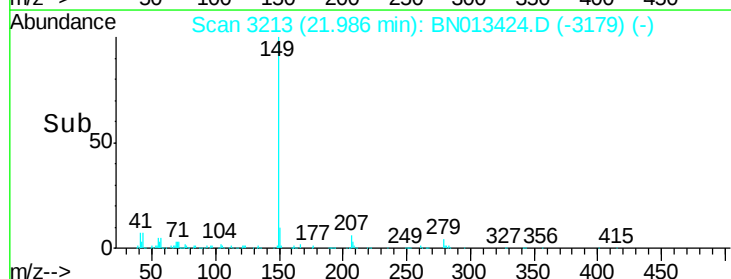
Lab File: BN013424.D

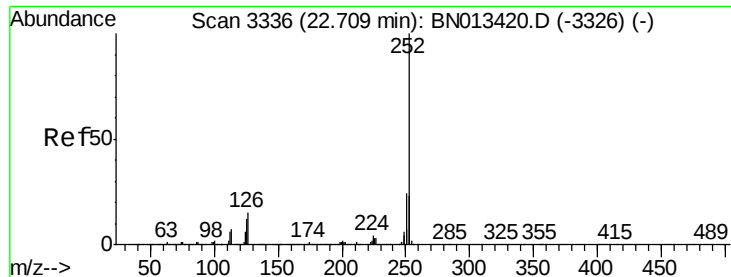
Acq: 19 Jan 2021 13:34

Tgt Ion:149 Resp: 192316



Abundance Ion 149.00 (148.70 to 149.70): E





#90

Benzo(b)fluoranthene

Concen: 4.020 ng/ul

RT: 22.70 min Scan# 3335

Delta R.T. -0.01 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2021-01

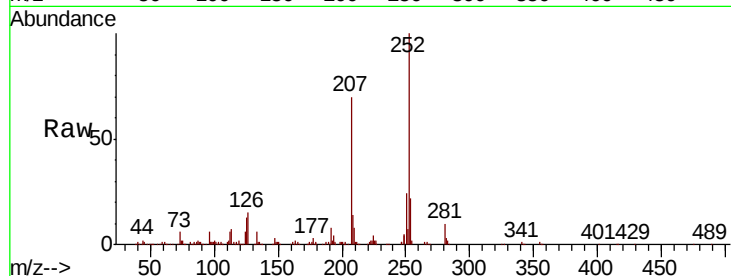
Tot Ion:252 Resp: 368465

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

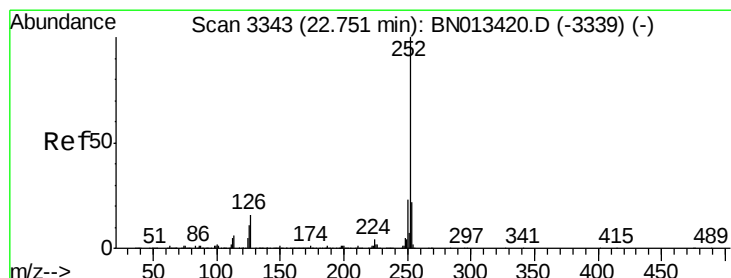
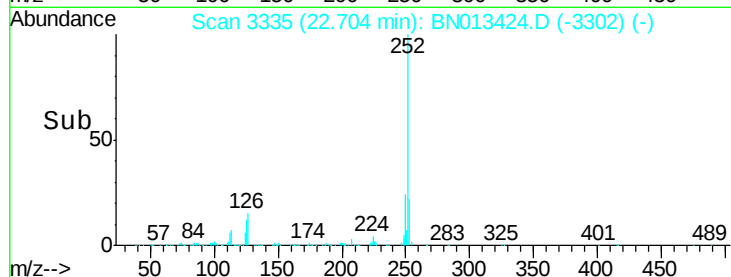
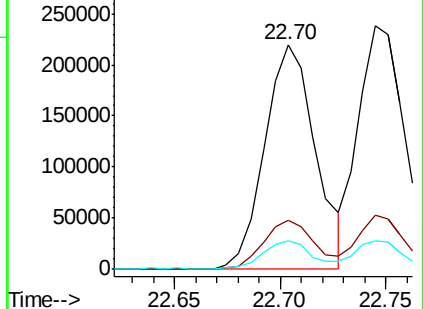
125 12.7 9.4 14.2



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: 4.099 ng/ul

RT: 22.74 min Scan# 3342

Delta R.T. -0.01 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

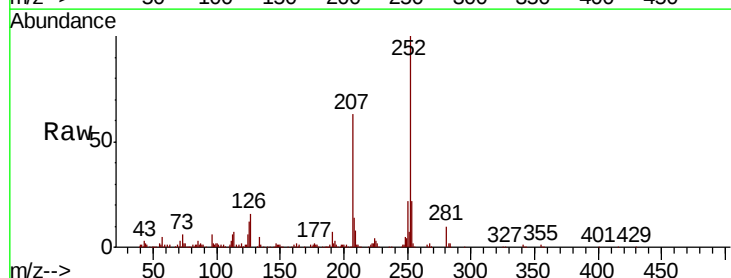
Tgt Ion:252 Resp: 369570

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

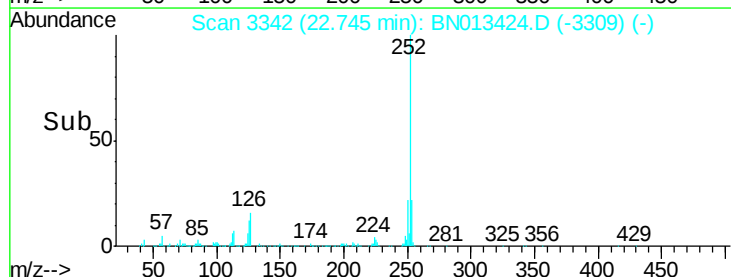
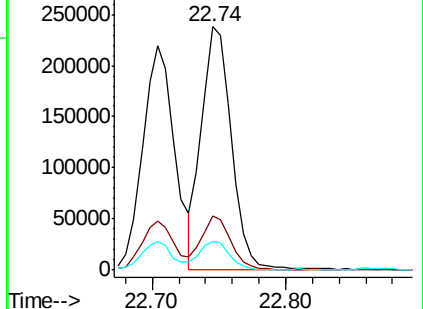
125 11.9 9.2 13.8

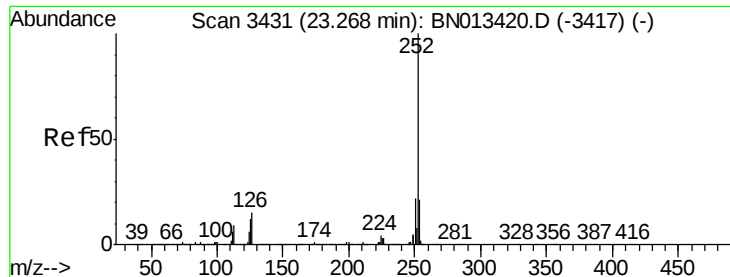


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#93

Benzo(a)pyrene

Concen: 4.208 ng/ul

RT: 23.26 min Scan# 3430

Delta R.T. -0.01 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2021-01

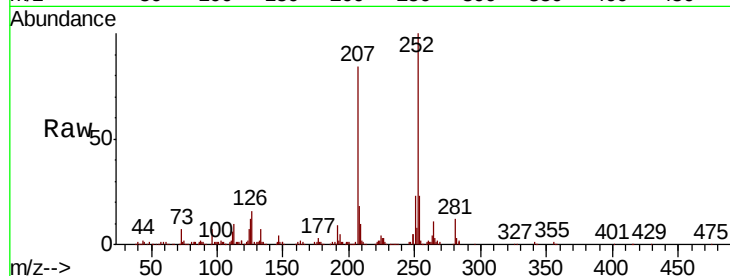
Tot Ion:252 Resp: 344742

Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

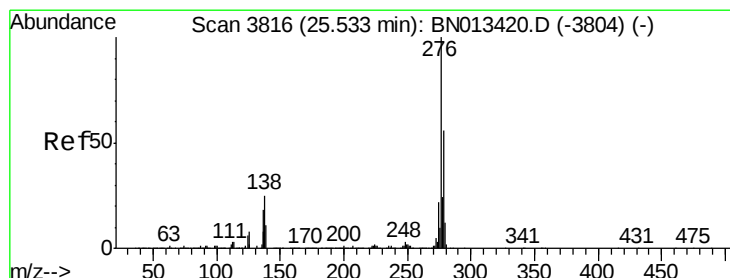
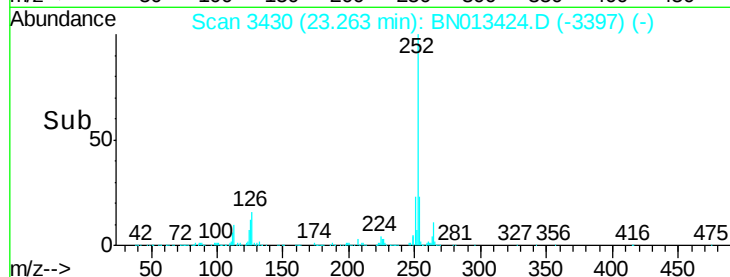
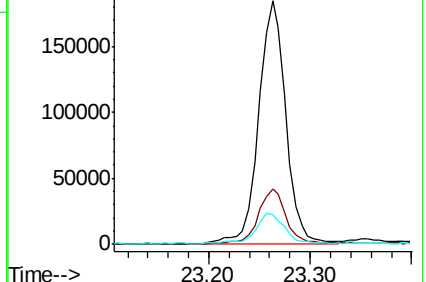
125 12.1 9.8 14.6



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



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.566 ng/ul

RT: 25.53 min Scan# 3815

Delta R.T. -0.01 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

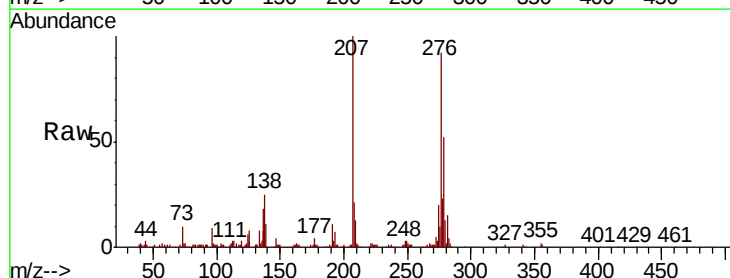
Tgt Ion:276 Resp: 422325

Ion Ratio Lower Upper

276 100

138 27.7 21.6 32.4

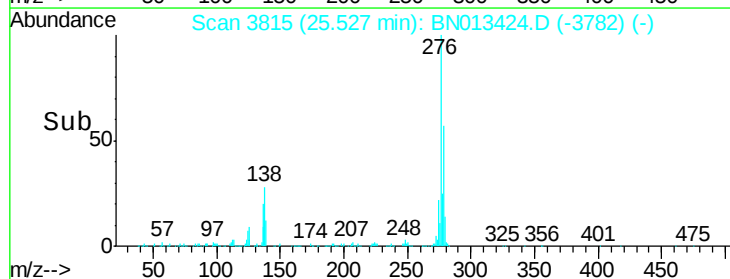
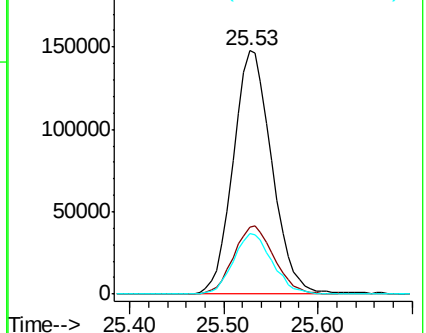
277 25.0 19.4 29.0

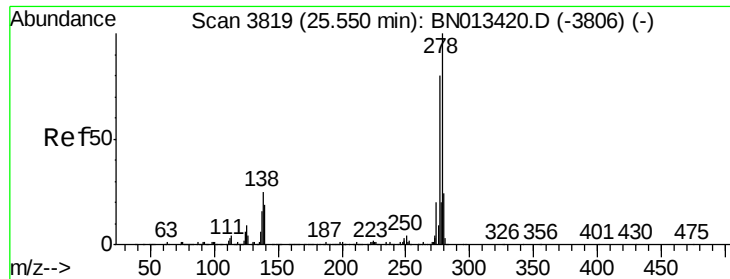


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#95

Dibenzo(a,h)anthracene

Concen: 4.655 ng/ul

RT: 25.54 min Scan# 3818

Delta R.T. -0.01 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2021-01

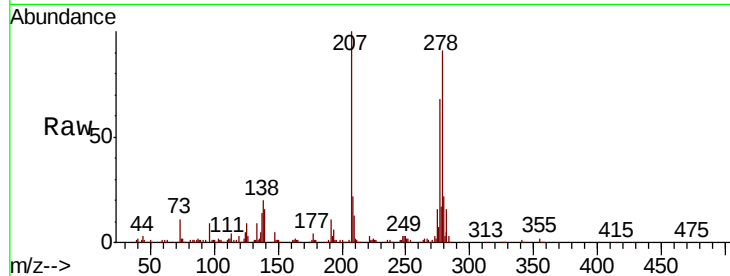
Tot Ion:278 Resp: 359913

Ion Ratio Lower Upper

278 100

139 17.9 13.5 20.3

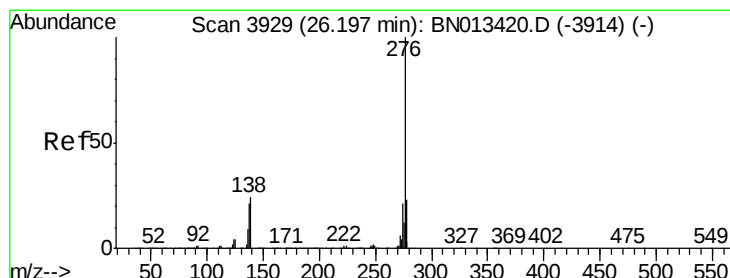
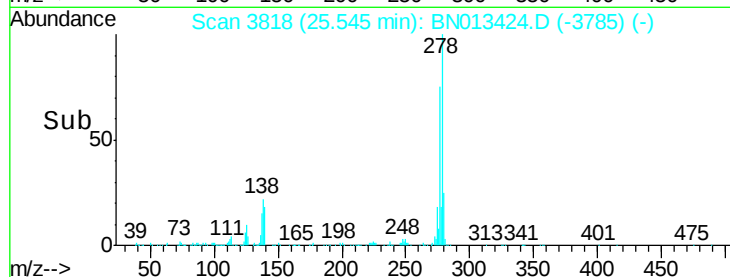
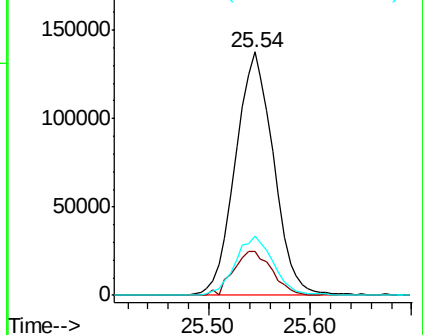
279 24.6 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#96

Benzo(g,h,i)perylene

Concen: 4.533 ng/ul

RT: 26.19 min Scan# 3927

Delta R.T. -0.01 min

Lab File: BN013424.D

Acq: 19 Jan 2021 13:34

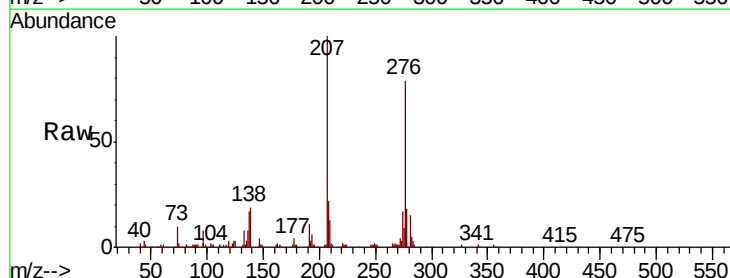
Tgt Ion:276 Resp: 351831

Ion Ratio Lower Upper

276 100

138 24.4 18.6 28.0

277 22.3 18.9 28.3



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

