

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030421\
 Data File : BN013843.D
 Acq On : 04 Mar 2021 21:21
 Operator : CG/JU
 Sample : M1534-09
 Misc : SOM-MDL-S-02
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-02

Quant Time: Mar 05 00:20:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 04 14:09:31 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	166646	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	690732	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	409609	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	853367	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	846428	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	836072	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	15795	3.76	ng/uL	0.00
5) Phenol-d5	6.89	99	396234	29.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	267589	32.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	324716	31.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	303408	29.73	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	145601	31.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	141661	32.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	288175	29.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	414813	34.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	870711	31.66	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1111309	30.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	138819	26.91	ng/ul	0.00
58) Fluorene-d10	15.35	176	769434	31.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	95800	24.15	ng/ul	0.00
71) Anthracene-d10	17.20	188	1157325	31.03	ng/ul	0.00
79) Pyrene-d10	19.49	212	1249407	30.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	1339284	32.18	ng/ul	-0.01

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.26	88	3232	0.758	ng/uL# 86
4) Benzaldehyde	6.86	77	28896	4.260	ng/ul 94
6) Phenol	6.91	94	44605	3.088	ng/ul 93
8) Bis(2-Chloroethyl)ether	7.15	93	35297	3.124	ng/ul 99
10) 2-Chlorophenol	7.29	128	35277	3.213	ng/ul 99
11) 2-Methylphenol	8.16	108	28162	2.703	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.25	45	53729	3.115	ng/ul 99
14) Acetophenone	8.53	105	51790	3.080	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.52	70	22746	2.726	ng/ul 97
16) 4-Methylphenol	8.48	108	34394	3.042	ng/ul 92
17) Hexachloroethane	8.79	117	14373	3.086	ng/ul 90
20) Nitrobenzene	8.91	77	40341	3.191	ng/ul 99
21) Isophorone	9.43	82	59341	2.677	ng/ul 99
23) 2-Nitrophenol	9.62	139	16832	3.259	ng/ul 96
24) 2,4-Dimethylphenol	9.68	107	35877	2.949	ng/ul 100
25) Bis(2-Chloroethoxy)methane	9.92	93	44397	2.999	ng/ul 99
27) 2,4-Dichlorophenol	10.15	162	30739	3.097	ng/ul 88
28) Naphthalene	10.55	128	116194	3.245	ng/ul 98
30) 4-Chloroaniline	10.66	127	45631	3.677	ng/ul 99
31) Hexachlorobutadiene	10.84	225	20420	3.231	ng/ul 96
32) Caprolactam	11.43	113	5280	1.758	ng/ul 95
33) 4-Chloro-3-methylphenol	11.78	107	26631	2.633	ng/ul 93
34) 2-Methylnaphthalene	12.17	142	77315	3.160	ng/ul 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.39	142	74789	3.172	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	37526	3.043	ng/ul	99
38) Hexachlorocyclopentadiene	12.52	237	19256	2.622	ng/ul	98
39) 2,4,6-Trichlorophenol	12.78	196	17186	2.415	ng/ul	96
40) 2,4,5-Trichlorophenol	12.85	196	19713	2.524	ng/ul	99
41) 1,1'-Biphenyl	13.19	154	97623	3.169	ng/ul	99
42) 2-Chloronaphthalene	13.23	162	75345	3.129	ng/ul	96
43) 2-Nitroaniline	13.43	65	14854	2.379	ng/ul	92
45) Dimethylphthalate	13.82	163	92658	3.256	ng/ul	99
46) 2,6-Dinitrotoluene	13.93	165	12363	2.424	ng/ul	97
48) Acenaphthylene	14.07	152	112337	3.185	ng/ul	99
49) 3-Nitroaniline	14.26	138	13908	2.508	ng/ul	100
50) Acenaphthene	14.42	153	81605	3.172	ng/ul	95
51) 2,4-Dinitrophenol	14.46	184	4284	1.596	ng/ul	91
53) 4-Nitrophenol	14.56	109	12153	2.924	ng/ul#	83
54) Dibenzofuran	14.76	168	114750	3.236	ng/ul	97
55) 2,4-Dinitrotoluene	14.72	165	19110	2.623	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.98	232	14576	2.418	ng/ul#	93
57) Diethylphthalate	15.19	149	82715	2.908	ng/ul	99
59) Fluorene	15.40	166	94016	3.258	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.40	204	45720	3.302	ng/ul	95
61) 4-Nitroaniline	15.42	138	14871	2.341	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.47	198	11320	2.709	ng/ul#	65
65) N-Nitrosodiphenylamine	15.62	169	73854	3.005	ng/ul	99
66) 4-Bromophenyl-phenylether	16.30	248	25070	3.067	ng/ul	98
67) Hexachlorobenzene	16.40	284	28806	2.950	ng/ul	94
68) Atrazine	16.57	200	19808	2.332	ng/ul#	89
69) Pentachlorophenol	16.75	266	9342	1.816	ng/ul	94
70) Phenanthrene	17.15	178	146653	3.172	ng/ul	99
72) Anthracene	17.23	178	150216	3.196	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	38276	3.063	ng/uL	98
74) Pentachlorobenzene	14.67	250	35282	2.997	ng/uL	99
75) Carbazole	17.50	167	117879	2.811	ng/ul	99
76) Di-n-butylphthalate	18.07	149	108852	2.320	ng/ul	99
77) Fluoranthene	19.16	202	150178	2.938	ng/ul	98
80) Pvrene	19.52	202	176426	3.237	ng/ul	98
81) Butylbenzylphthalate	20.43	149	36522	1.947	ng/ul#	96
82) 3,3'-Dichlorobenzidine	21.20	252	36486	2.297	ng/ul	91
83) Benzo(a)anthracene	21.26	228	158648	3.045	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.20	149	71757	2.286	ng/ul#	97
85) Chrysene	21.32	228	162532	3.205	ng/ul	99
87) Di-n-octyl phthalate	22.08	149	93961	1.799	ng/ul	100
88) Benzo(b)fluoranthene	22.83	252	150879	2.970	ng/ul	97
89) Benzo(k)fluoranthene	22.88	252	157929	3.099	ng/ul	96
91) Benzo(a)pyrene	23.41	252	143181	3.110	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.75	276	173648	3.018	ng/ul	98
93) Dibenzo(a,h)anthracene	25.76	278	141590	2.886	ng/ul	97
94) Benzo(a,h,i)perylene	26.43	276	142285	2.944	ng/ul	95

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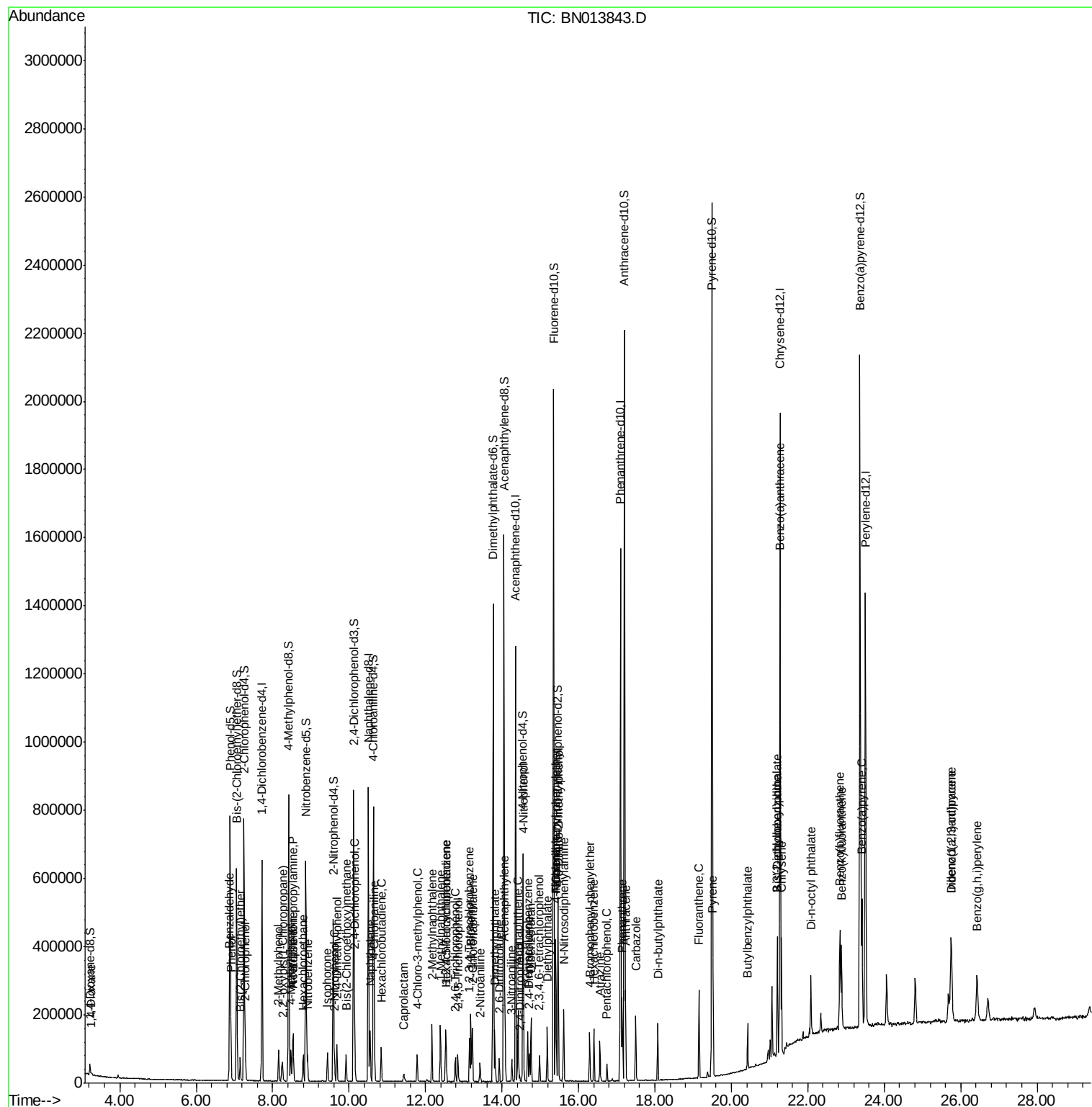
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

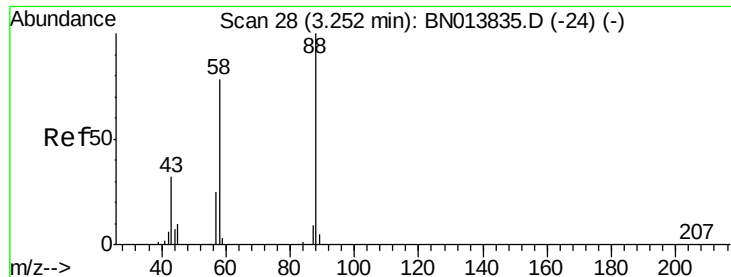
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#2

1,4-Dioxane

Concen: 0.758 ng/uL

RT: 3.26 min Scan# 29

Delta R.T. 0.00 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-02

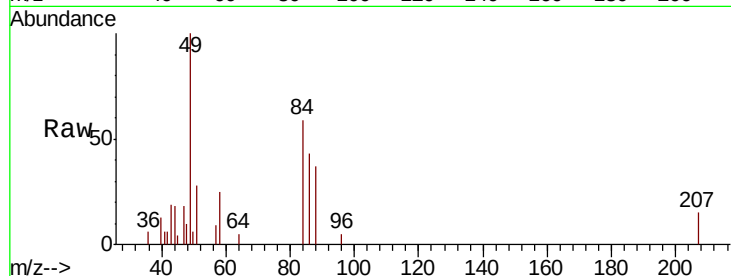
Tot Ion: 88 Resp: 3232

Ion Ratio Lower Upper

88 100

43 51.9 31.3 46.9#

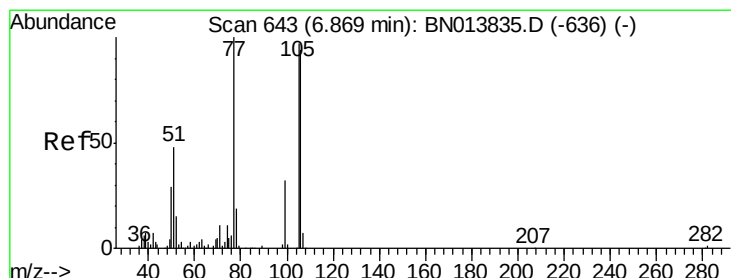
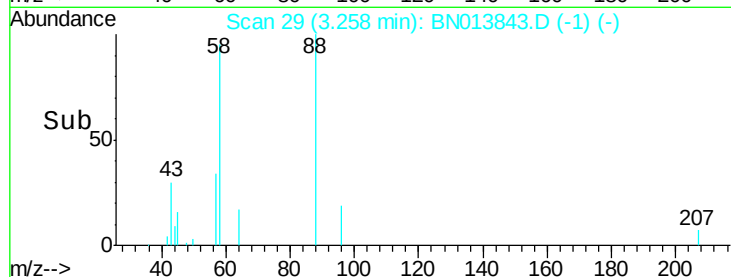
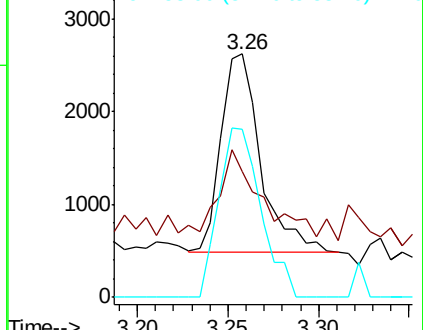
58 69.2 62.7 94.1



Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 43.00 (42.70 to 43.70): BN0

Ion 58.00 (57.70 to 58.70): BN0



#4

Benzaldehyde

Concen: 4.260 ng/uL

RT: 6.86 min Scan# 642

Delta R.T. -0.01 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

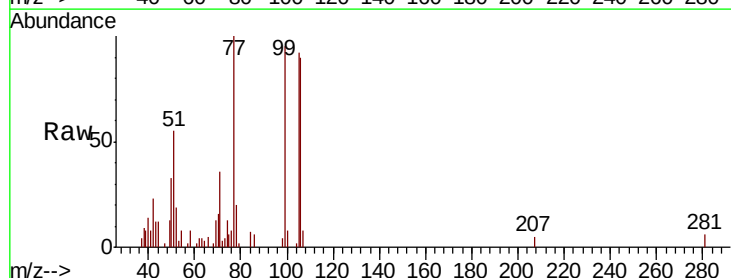
Tgt Ion: 77 Resp: 28896

Ion Ratio Lower Upper

77 100

105 92.0 78.7 118.1

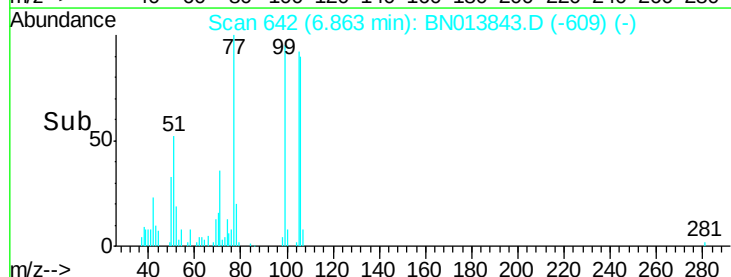
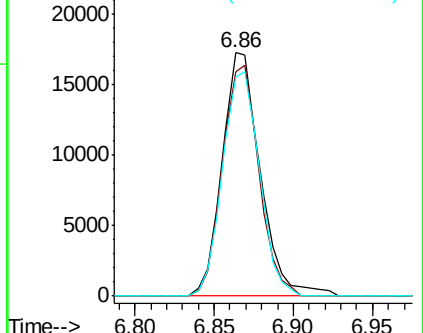
106 90.1 75.8 113.6

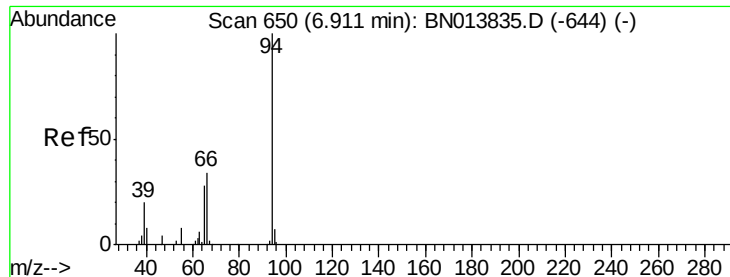


Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 105.00 (104.70 to 105.70): BN0

Ion 106.00 (105.70 to 106.70): BN0





#6

Phenol

Concen: 3.088 ng/ul

RT: 6.91 min Scan# 650

Delta R.T. -0.01 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

Instrument :

BNA_N

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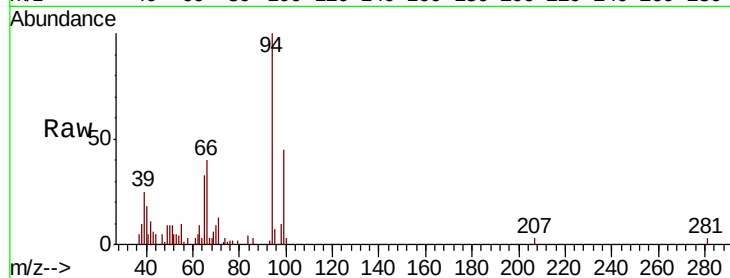
Tot Ion: 94 Resp: 44605

Ion Ratio Lower Upper

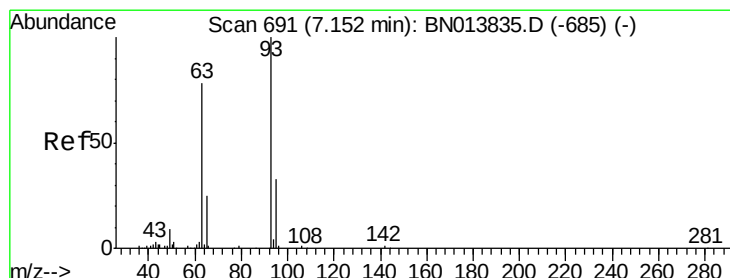
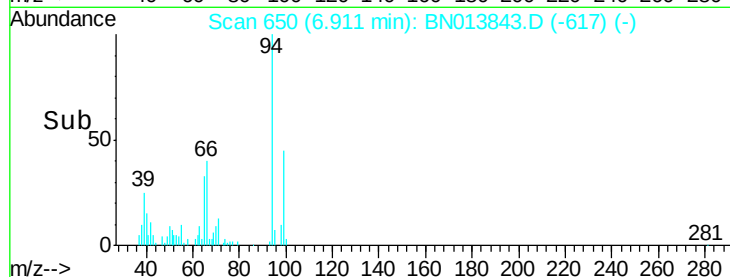
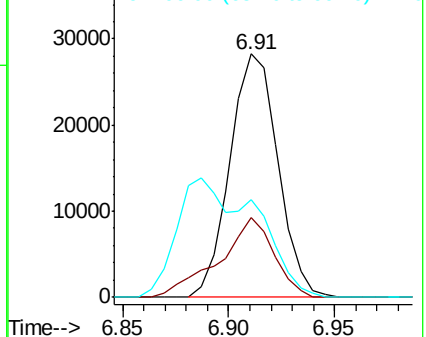
94 100

65 33.0 23.1 34.7

66 40.1 29.1 43.7



Abundance Ion 94.00 (93.70 to 94.70): BN0
Ion 65.00 (64.70 to 65.70): BN0
Ion 66.00 (65.70 to 66.70): BN0



#8

Bis(2-Chloroethyl)ether

Concen: 3.124 ng/ul

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

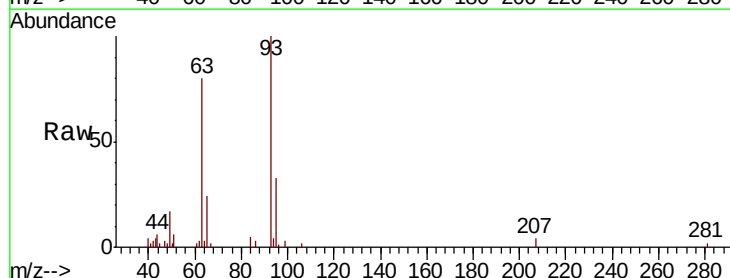
Tgt Ion: 93 Resp: 35297

Ion Ratio Lower Upper

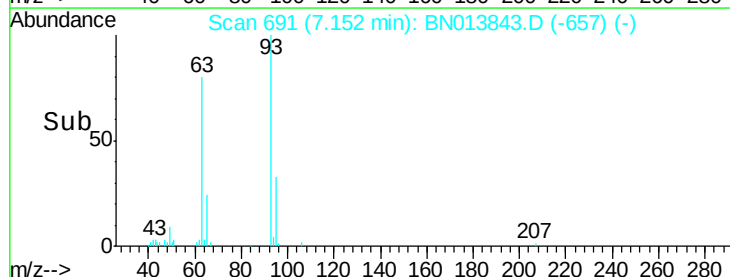
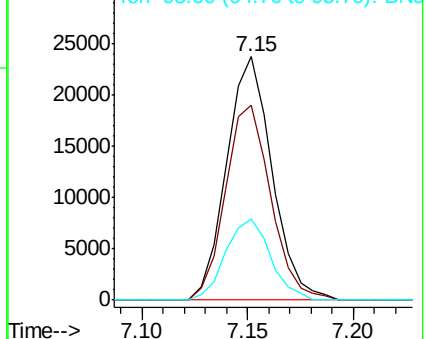
93 100

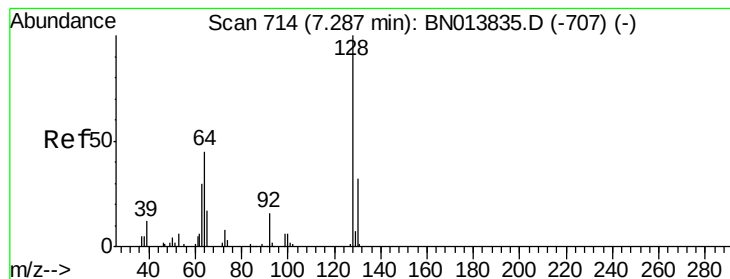
63 80.3 63.1 94.7

95 33.3 26.2 39.2



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





#10

2-Chlorophenol

Concen: 3.213 ng/ul

RT: 7.29 min Scan# 714

Delta R.T. 0.00 min

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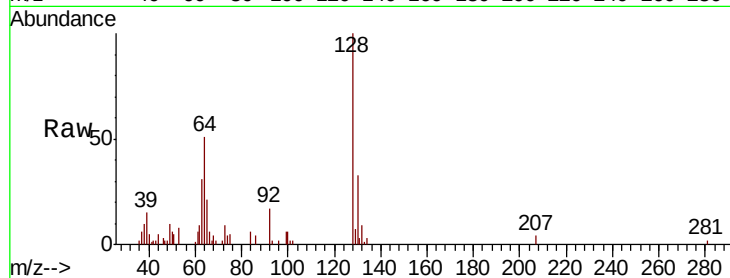
Tot Ion:128 Resp: 35277

Ion Ratio Lower Upper

128 100

64 50.5 40.1 60.1

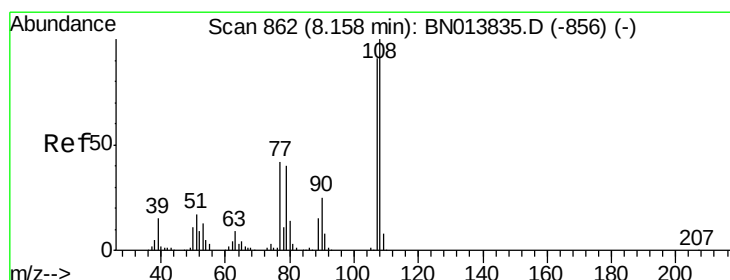
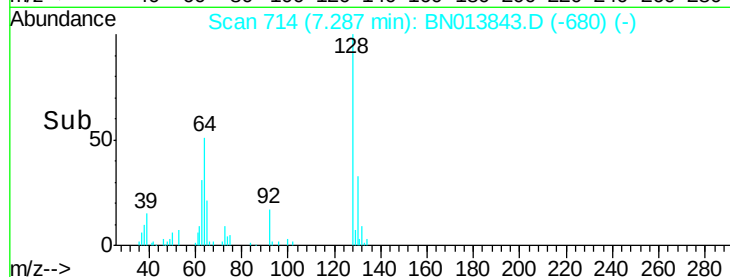
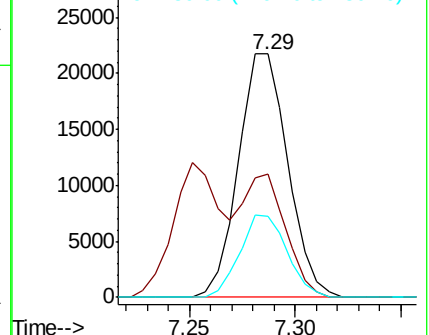
130 33.3 25.9 38.9



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



#11

2-Methylphenol

Concen: 2.703 ng/ul

RT: 8.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BN013843.D

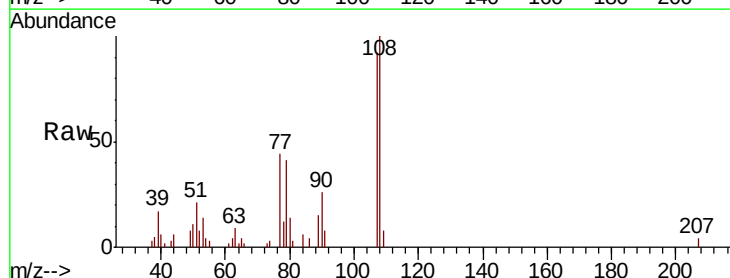
Acq: 04 Mar 2021 21:21

Tgt Ion:108 Resp: 28162

Ion Ratio Lower Upper

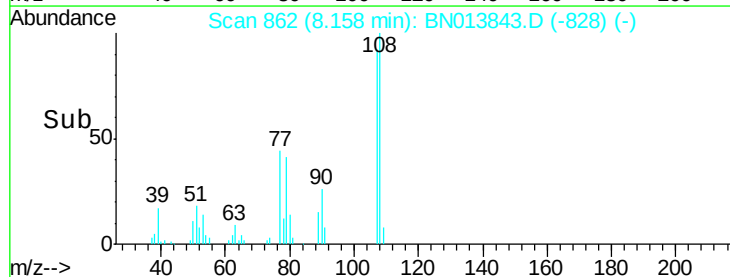
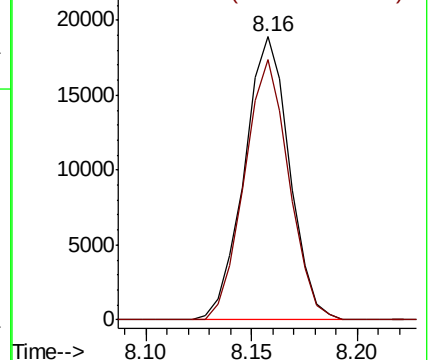
108 100

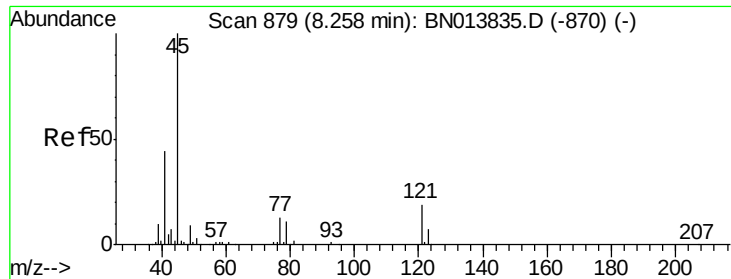
107 92.0 70.3 105.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

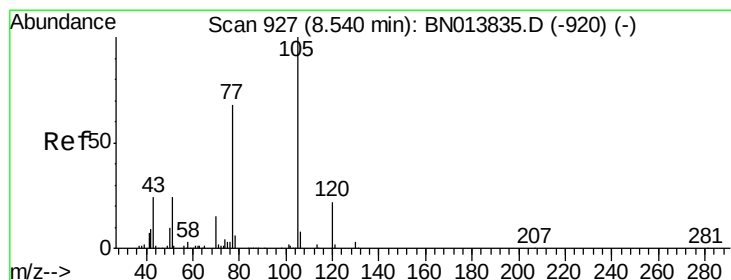
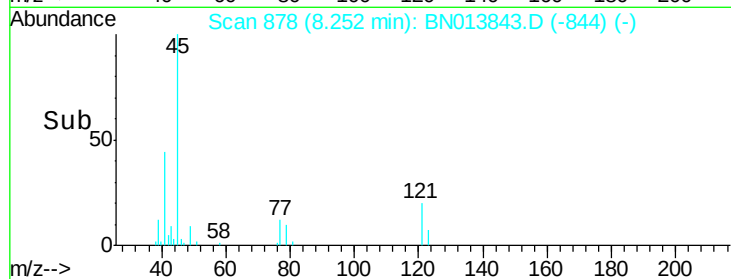
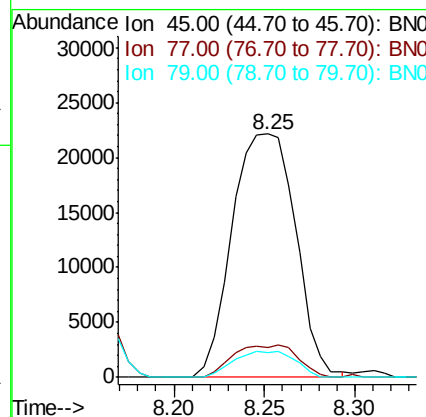
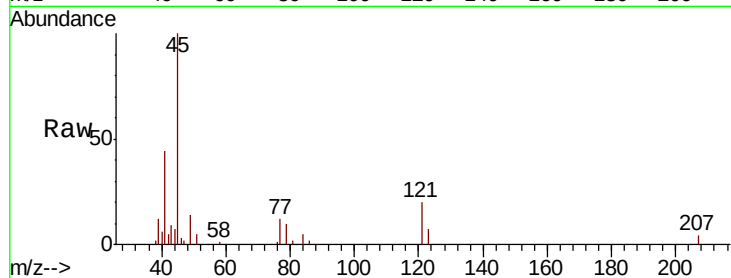




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 3.115 ng/ul
RT: 8.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BN013843.D
Acq: 04 Mar 2021 21:21

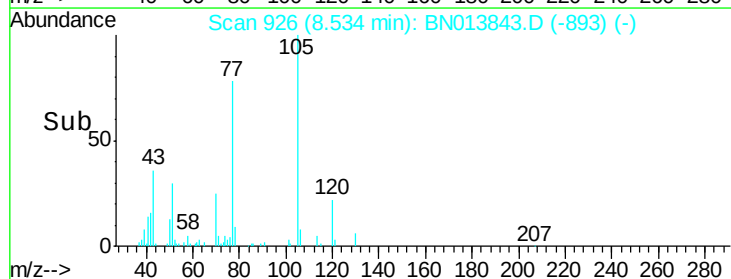
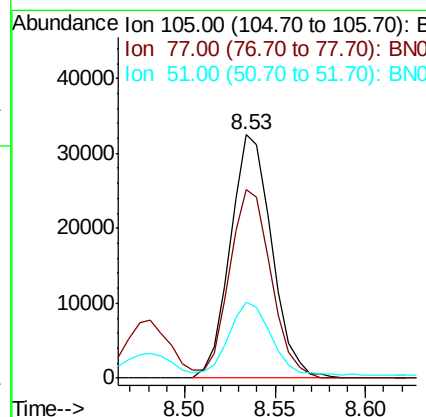
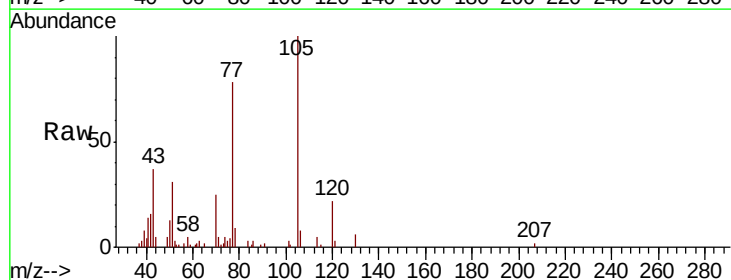
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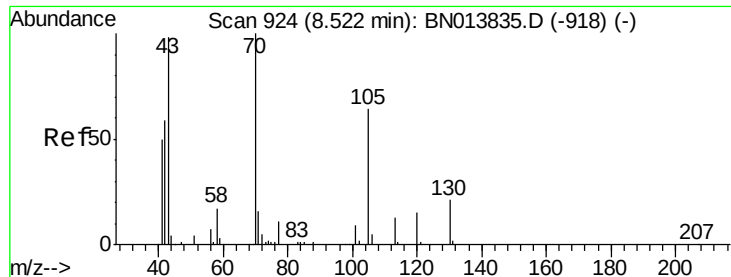
Tot Ion: 45 Resp: 53729
Ion Ratio Lower Upper
45 100
77 12.4 9.8 14.8
79 10.0 7.5 11.3



#14
Acetophenone
Concen: 3.080 ng/ul
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BN013843.D
Acq: 04 Mar 2021 21:21

Tgt Ion: 105 Resp: 51790
Ion Ratio Lower Upper
105 100
77 77.6 62.0 93.0
51 31.3 23.7 35.5

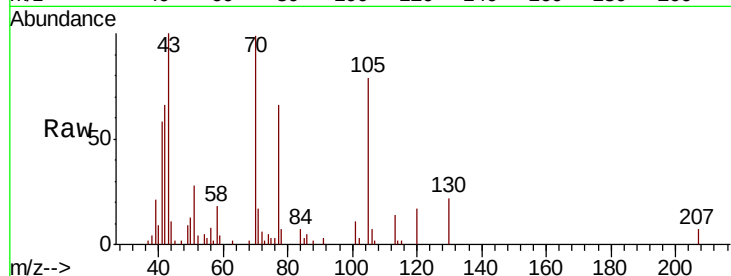




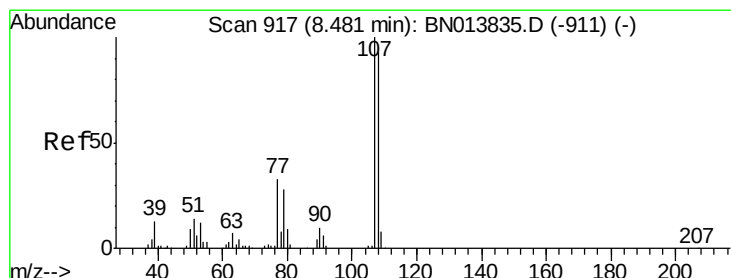
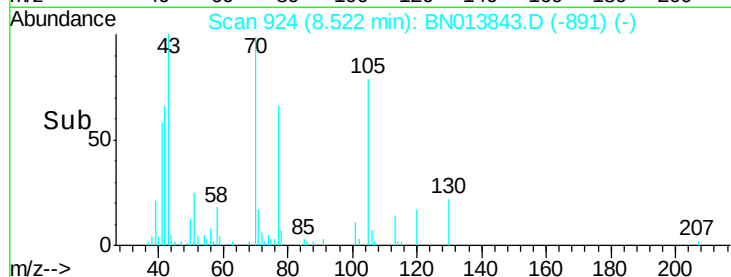
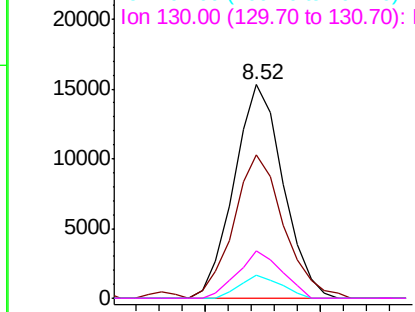
#15
N-Nitroso-di-n-propylamine
Concen: 2.726 ng/ul
RT: 8.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BN013843.D
Acq: 04 Mar 2021 21:21

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-02

Tot Ion: 70 Resp: 22746
Ion Ratio Lower Upper
70 100
42 67.3 52.4 78.6
101 10.8 7.6 11.4
130 21.9 16.1 24.1

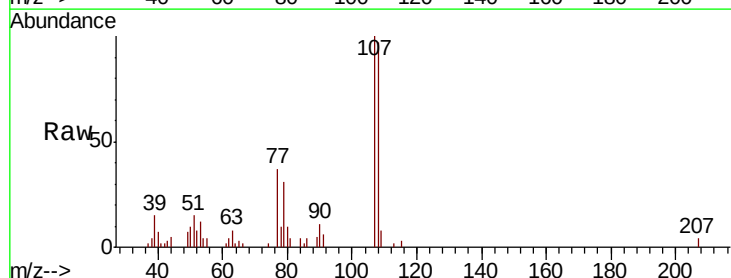


Abundance Ion 70.00 (69.70 to 70.70): BN013843.D (-891) (-)
Ion 42.00 (41.70 to 42.70): BN013843.D (-891) (-)
Ion 101.00 (100.70 to 101.70): BN013843.D (-891) (-)
Ion 130.00 (129.70 to 130.70): BN013843.D (-891) (-)

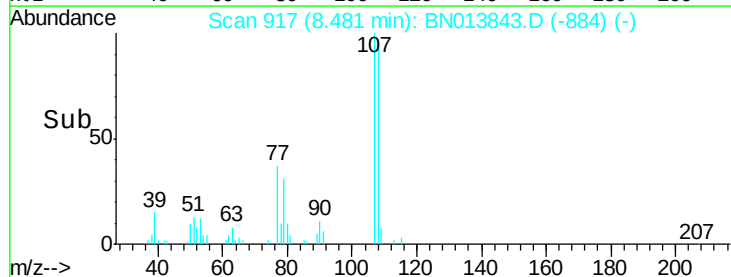
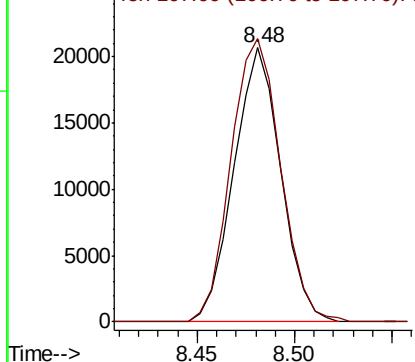


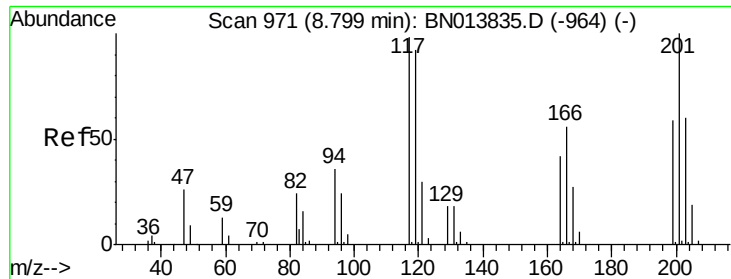
#16
4-Methylphenol
Concen: 3.042 ng/ul
RT: 8.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BN013843.D
Acq: 04 Mar 2021 21:21

Tgt Ion: 108 Resp: 34394
Ion Ratio Lower Upper
108 100
107 103.4 89.9 134.9



Abundance Ion 108.00 (107.70 to 108.70): BN013843.D (-884) (-)
Ion 107.00 (106.70 to 107.70): BN013843.D (-884) (-)

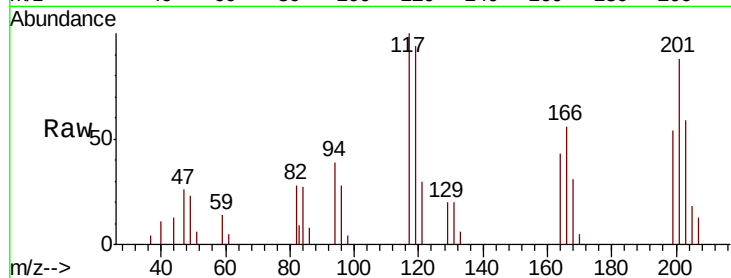




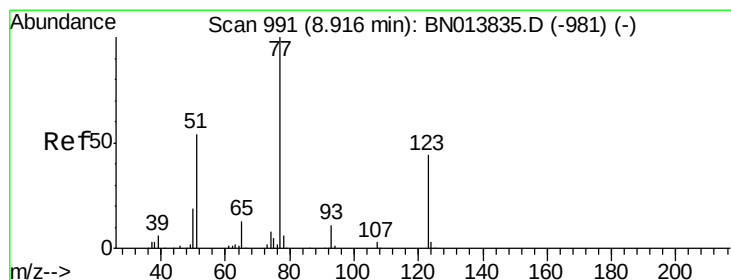
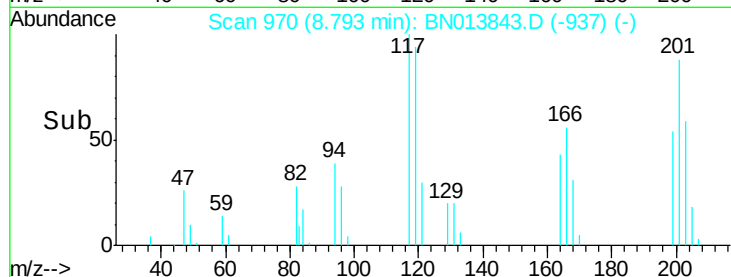
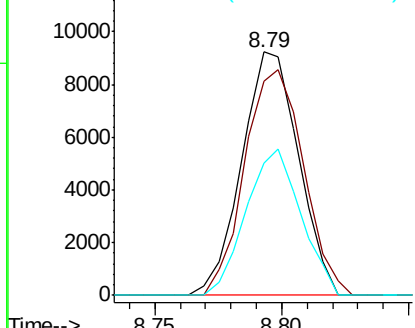
#17
Hexachloroethane
Concen: 3.086 ng/ul
RT: 8.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BN013843.D
Acq: 04 Mar 2021 21:21

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-02

Tot Ion:117 Resp: 14373
Ion Ratio Lower Upper
117 100
201 87.7 77.8 116.6
199 54.3 49.6 74.4

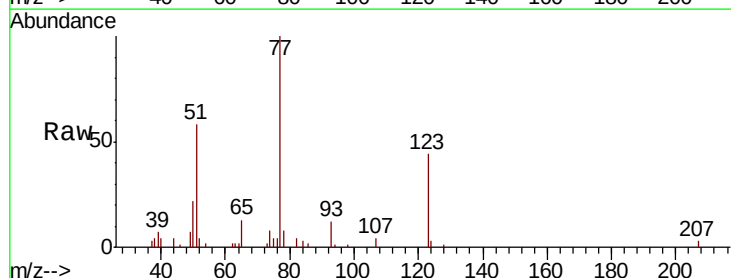


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

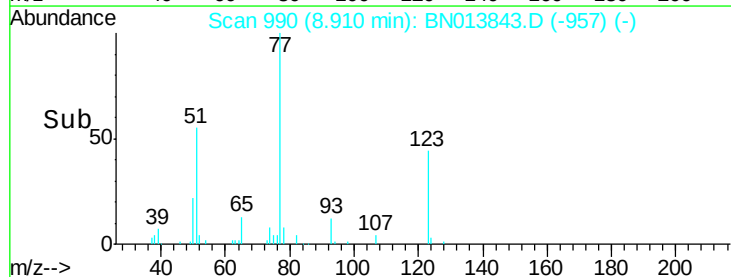
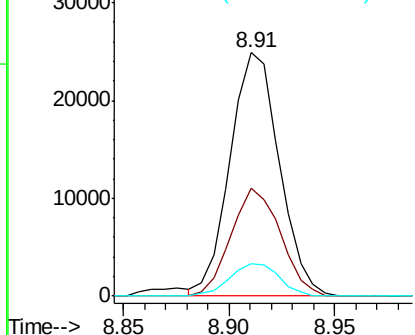


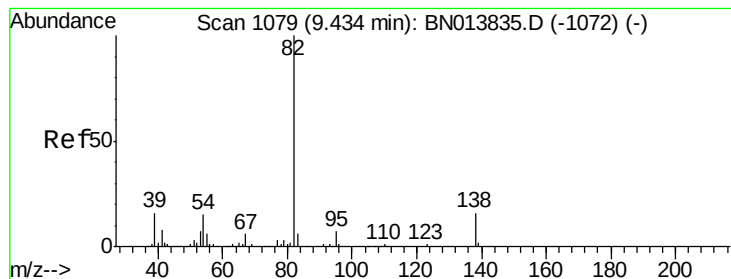
#20
Nitrobenzene
Concen: 3.191 ng/ul
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BN013843.D
Acq: 04 Mar 2021 21:21

Tgt Ion: 77 Resp: 40341
Ion Ratio Lower Upper
77 100
123 44.2 34.7 52.1
65 13.2 11.0 16.4



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





#21

Isophorone

Concen: 2.677 ng/ul

RT: 9.43 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-02

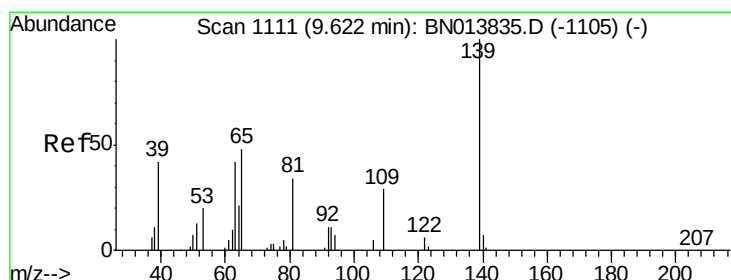
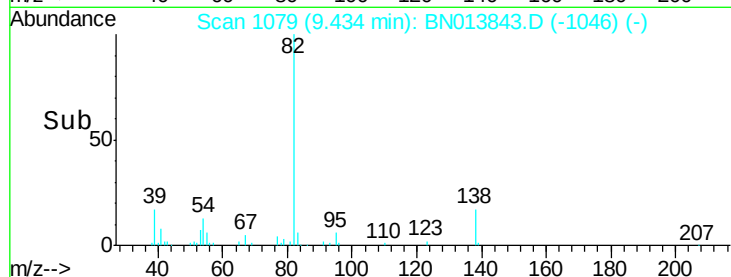
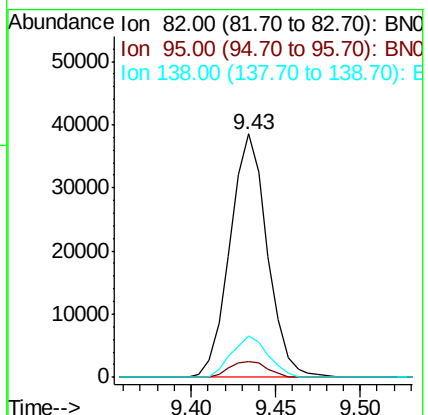
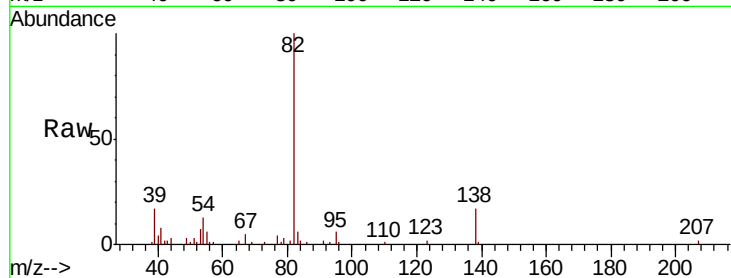
Tot Ion: 82 Resp: 59341

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 16.8 13.8 20.6



#23

2-Nitrophenol

Concen: 3.259 ng/ul

RT: 9.62 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

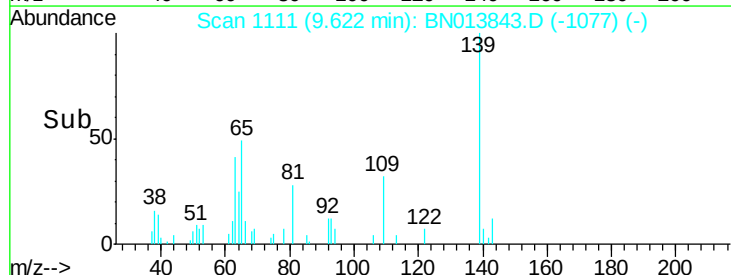
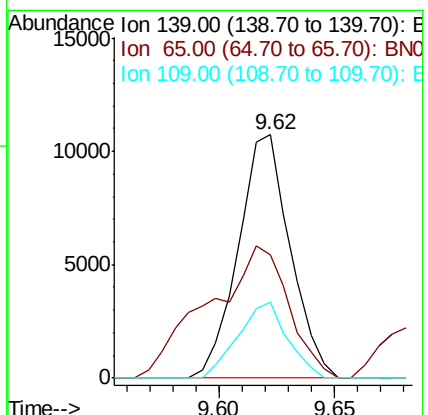
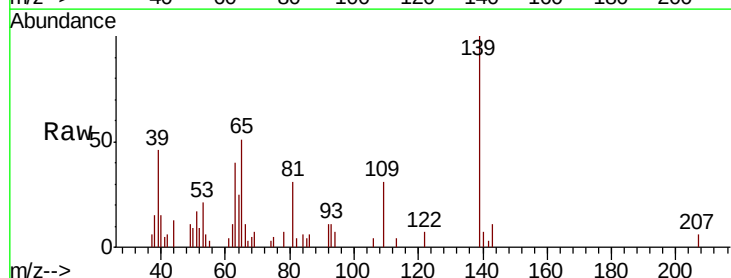
Tgt Ion: 139 Resp: 16832

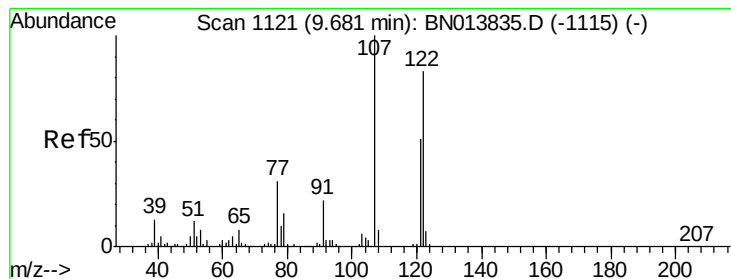
Ion Ratio Lower Upper

139 100

65 50.9 43.9 65.9

109 31.0 24.2 36.4





#24

2,4-Dimethylphenol

Concen: 2.949 ng/ul

RT: 9.68 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-02

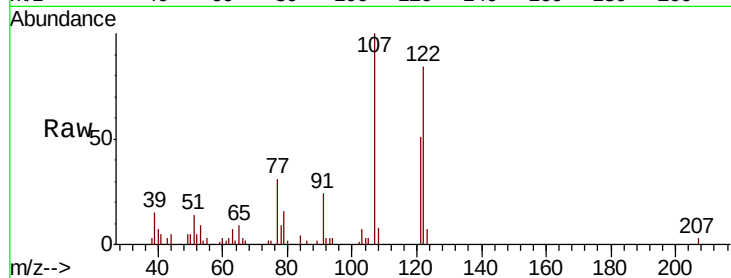
Tot Ion:107 Resp: 35877

Ion Ratio Lower Upper

107 100

121 51.3 40.6 61.0

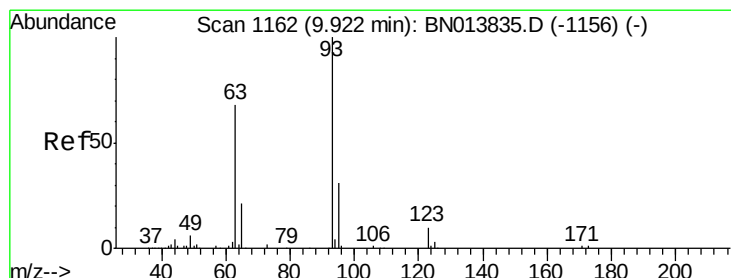
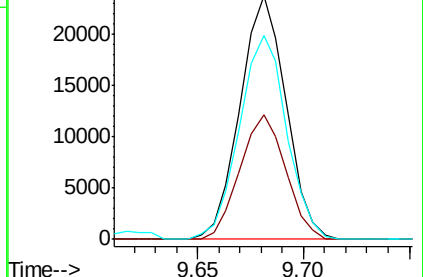
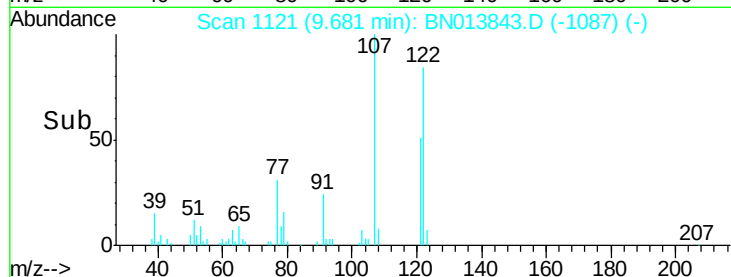
122 83.5 67.0 100.6



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



#25

Bis(2-Chloroethoxy)methane

Concen: 2.999 ng/ul

RT: 9.92 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

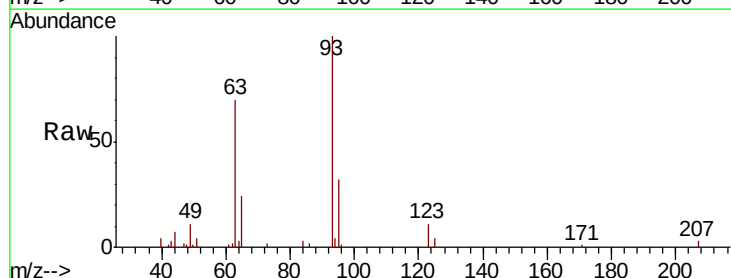
Tgt Ion: 93 Resp: 44397

Ion Ratio Lower Upper

93 100

95 32.0 26.2 39.2

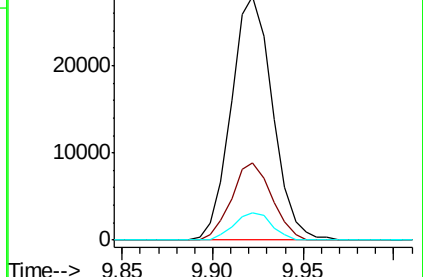
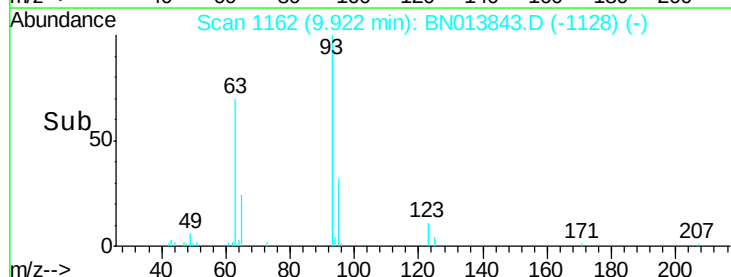
123 11.3 8.7 13.1

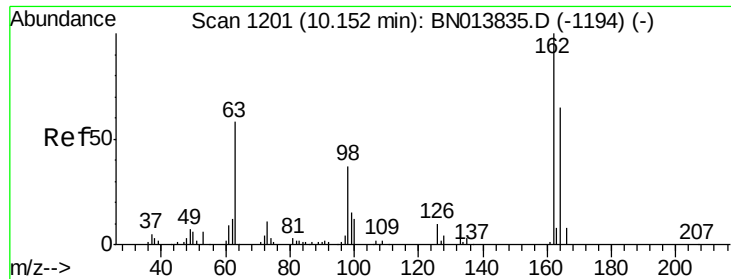


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

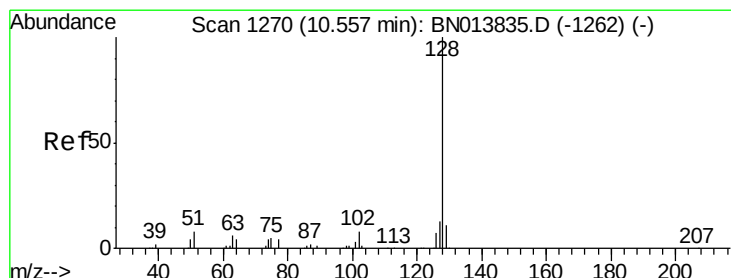
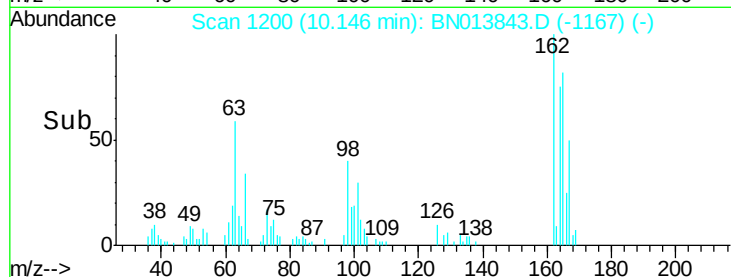
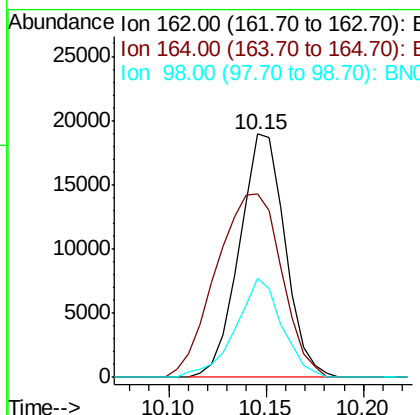
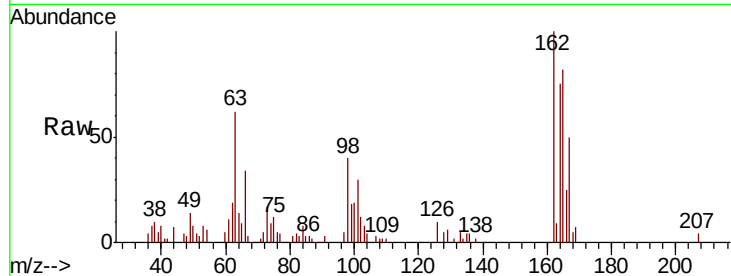




#27
 2,4-Dichlorophenol
 Concen: 3.097 ng/ul
 RT: 10.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BN013843.D
 Acq: 04 Mar 2021 21:21

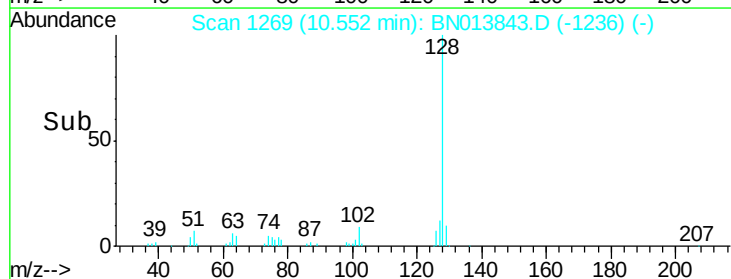
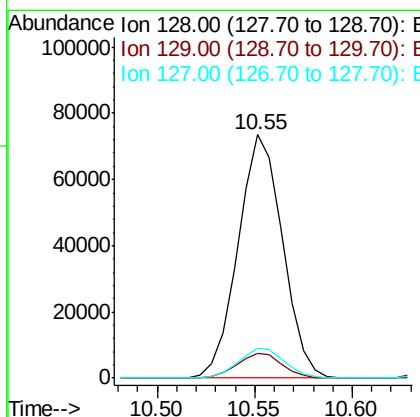
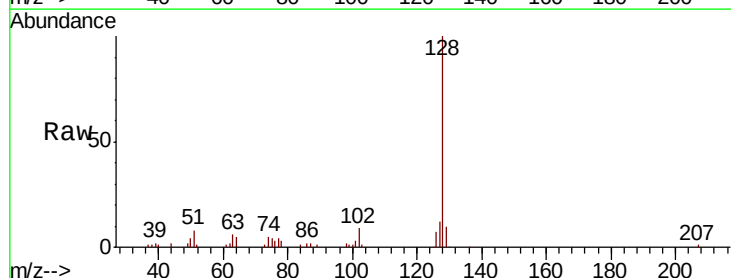
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-02

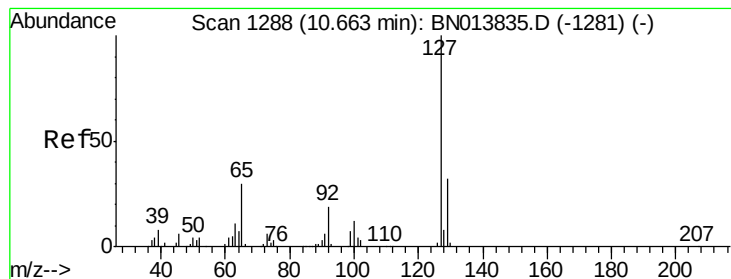
Tot Ion	Ratio	Lower	Upper
162	100		
164	75.3	51.0	76.6
98	40.5	28.6	43.0



#28
 Naphthalene
 Concen: 3.245 ng/ul
 RT: 10.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BN013843.D
 Acq: 04 Mar 2021 21:21

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.9	13.3
127	12.4	10.6	16.0

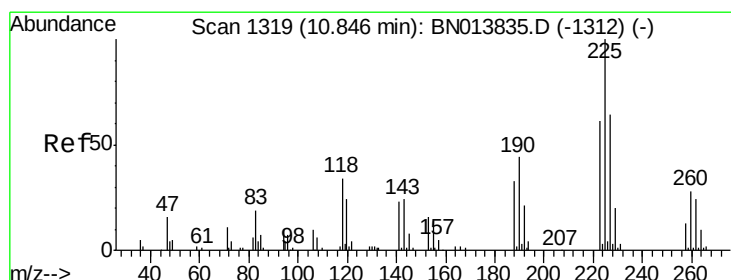
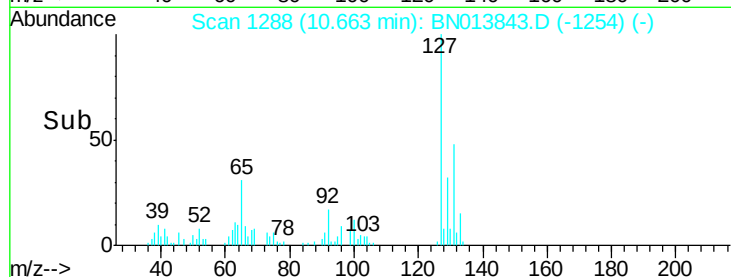
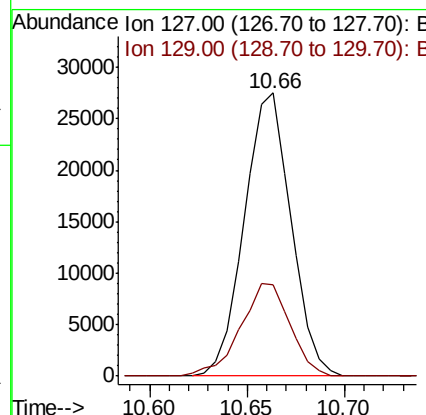
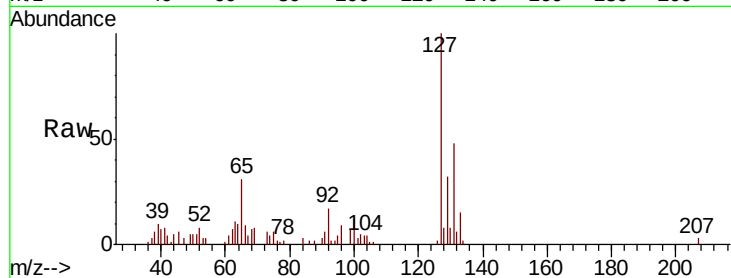




#30
4-Chloroaniline
Concen: 3.677 ng/ul
RT: 10.66 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BN013843.D
Acq: 04 Mar 2021 21:21

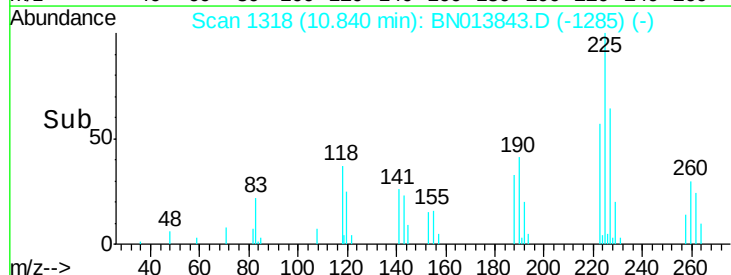
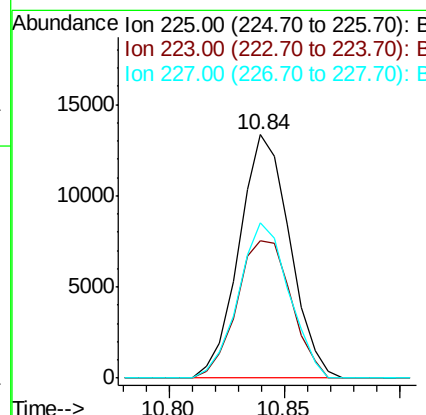
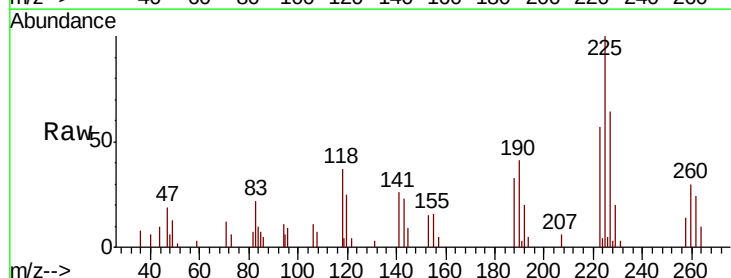
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-02

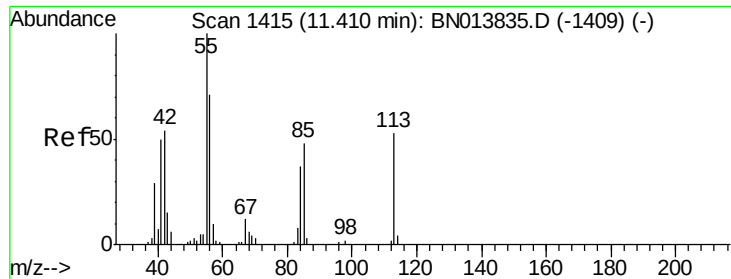
Tot Ion:127 Resp: 45631
Ion Ratio Lower Upper
127 100
129 32.3 26.4 39.6



#31
Hexachlorobutadiene
Concen: 3.231 ng/ul
RT: 10.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BN013843.D
Acq: 04 Mar 2021 21:21

Tgt Ion:225 Resp: 20420
Ion Ratio Lower Upper
225 100
223 56.6 50.6 76.0
227 63.7 51.0 76.4





#32

Caprolactam

Concen: 1.758 ng/ul

RT: 11.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-02

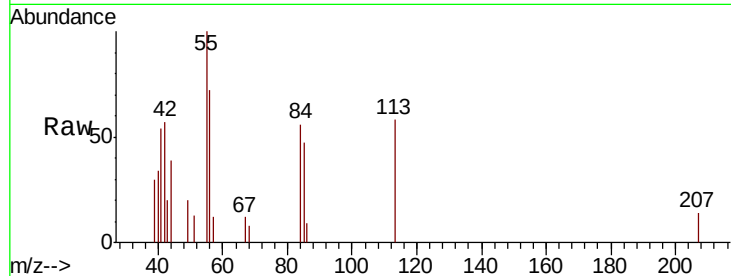
Tot Ion:113 Resp: 5280

Ion Ratio Lower Upper

113 100

55 173.2 145.6 218.4

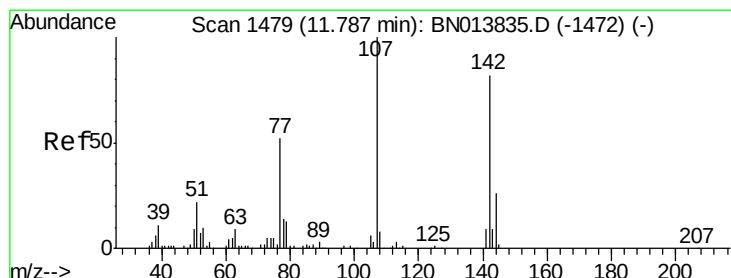
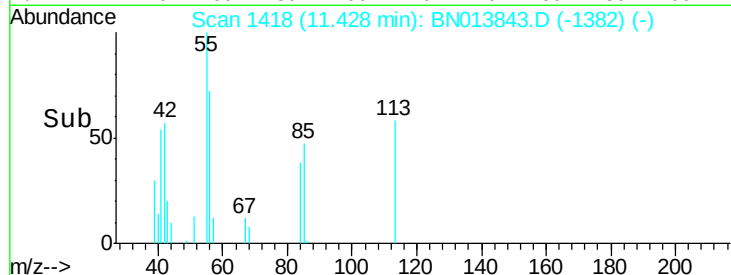
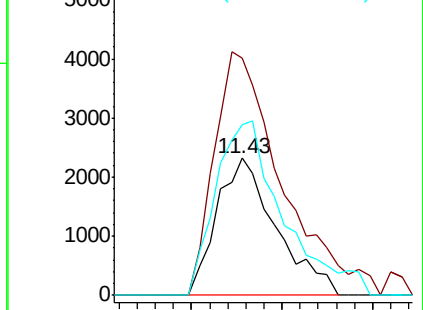
56 124.7 103.3 154.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BN0

Ion 56.00 (55.70 to 56.70): BN0



#33

4-Chloro-3-methylphenol

Concen: 2.633 ng/ul

RT: 11.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

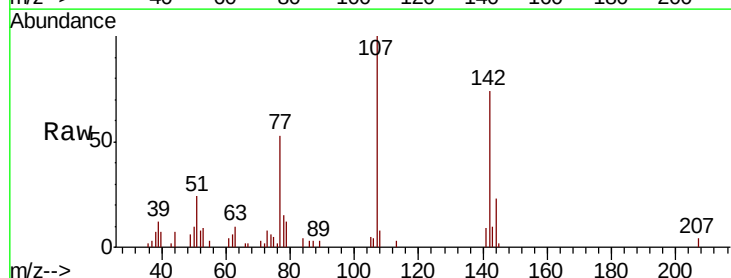
Tgt Ion:107 Resp: 26631

Ion Ratio Lower Upper

107 100

144 23.2 21.6 32.4

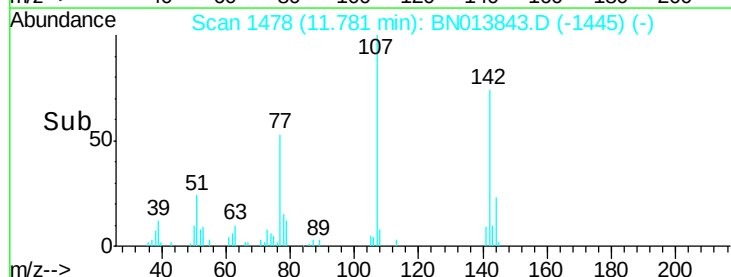
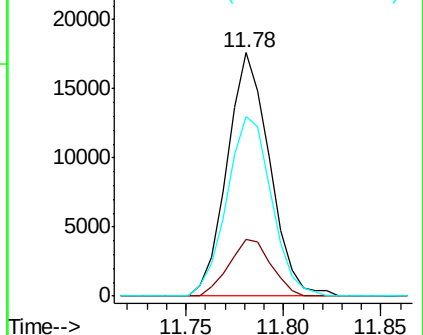
142 73.6 64.0 96.0

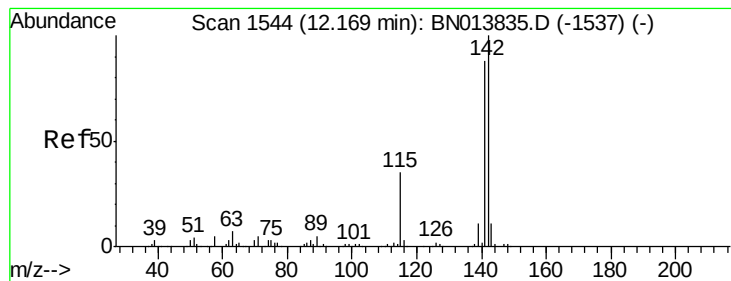


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 3.160 ng/ul

RT: 12.17 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

Instrument :

BNA_N

ClientSampleId :

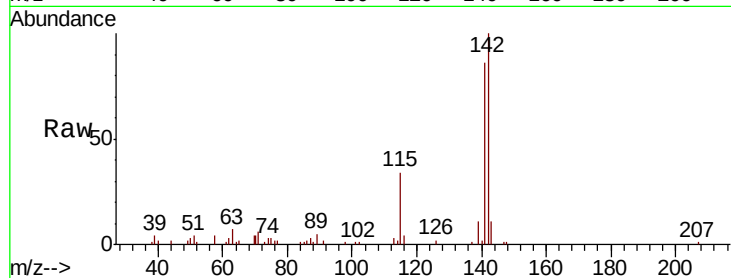
MDL-SOIL-02

Tot Ion:142 Resp: 77315

Ion Ratio Lower Upper

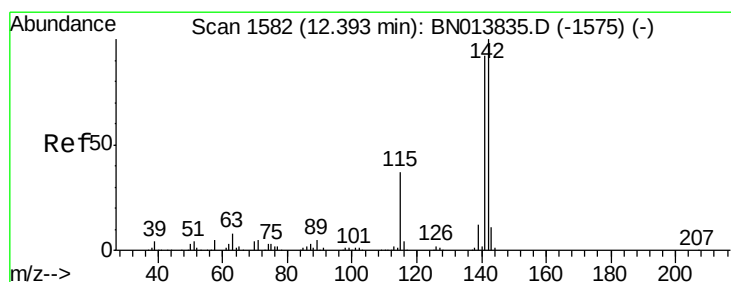
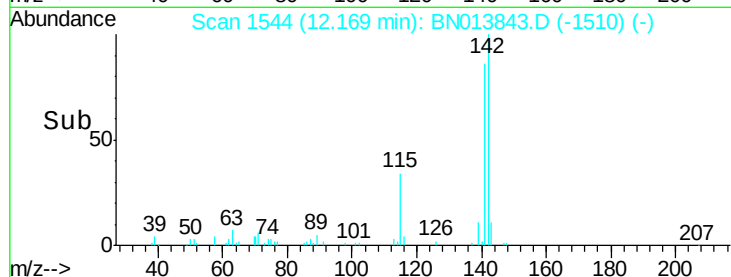
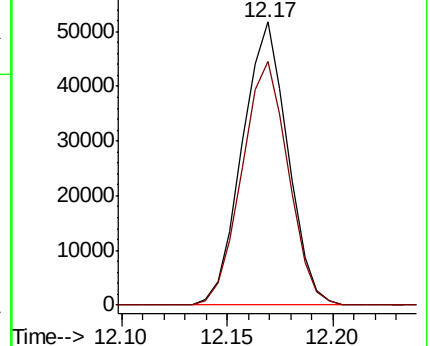
142 100

141 86.1 72.5 108.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 3.172 ng/ul

RT: 12.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BN013843.D

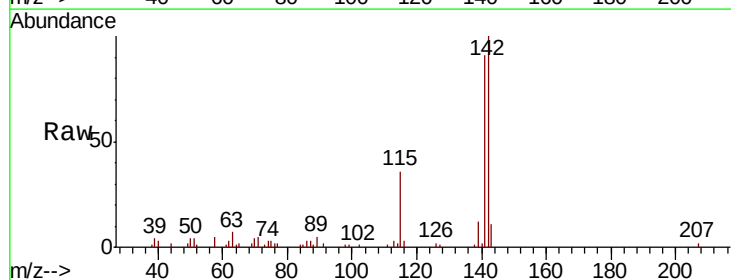
Acq: 04 Mar 2021 21:21

Tgt Ion:142 Resp: 74789

Ion Ratio Lower Upper

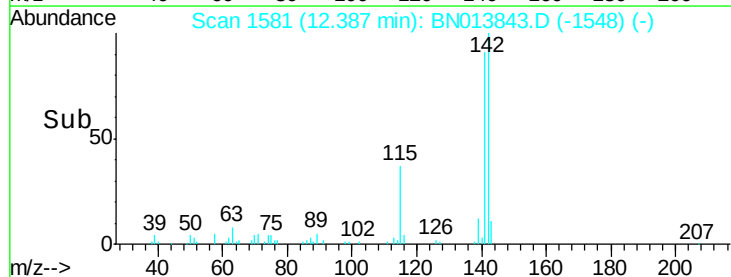
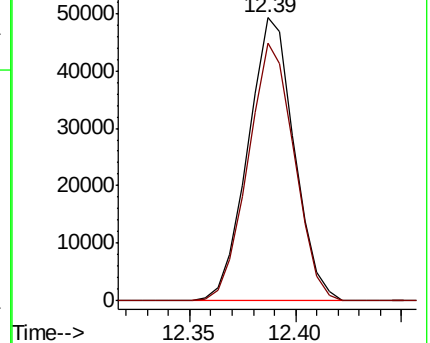
142 100

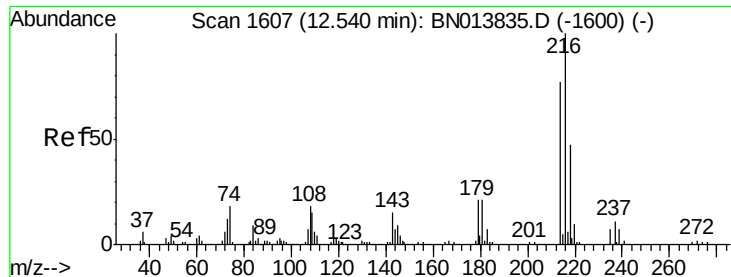
141 91.2 74.3 111.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

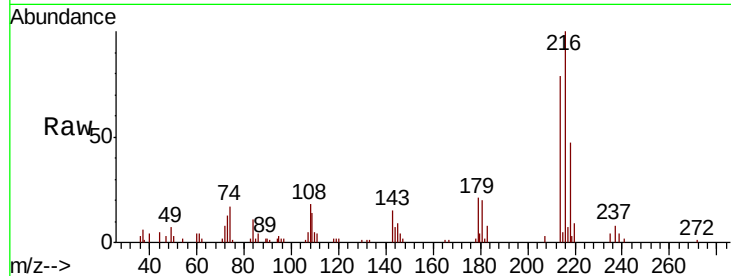




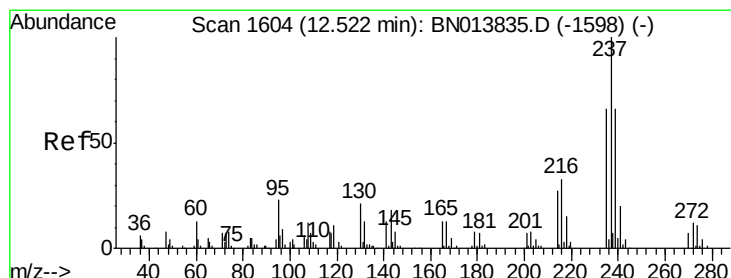
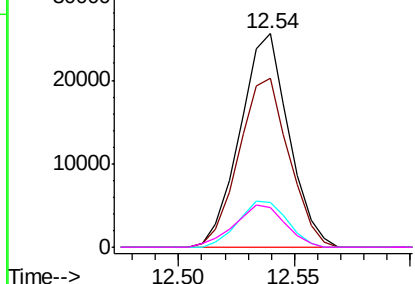
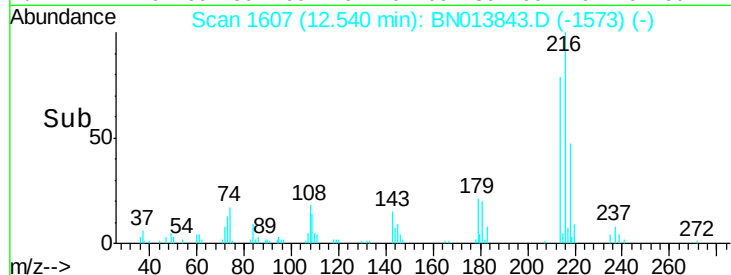
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.043 ng/ul
 RT: 12.54 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BN013843.D
 Acq: 04 Mar 2021 21:21

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-02

Tot Ion:216	Resp:	37526
Ion Ratio	Lower	Upper
216	100	
214	79.0	63.0 94.6
179	20.7	16.4 24.6
108	18.3	15.5 23.3

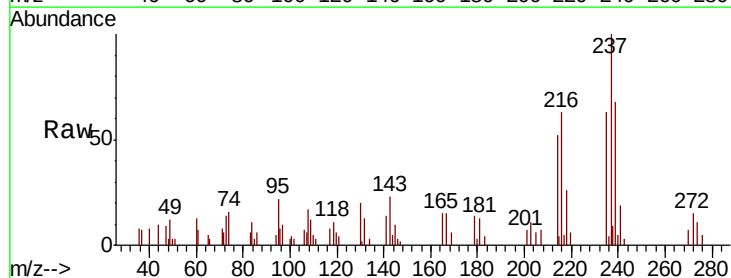


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

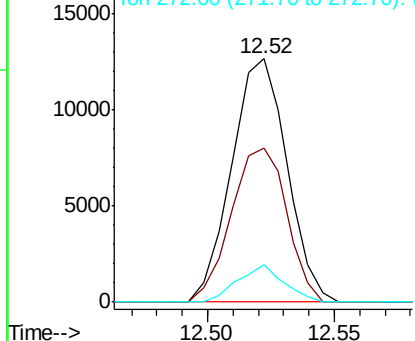
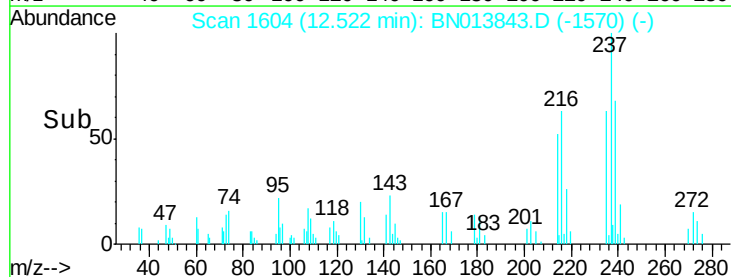


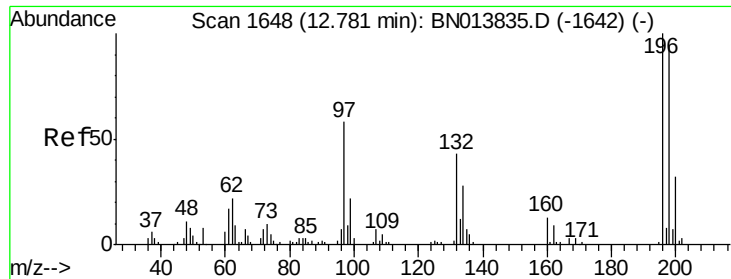
#38
 Hexachlorocyclopentadiene
 Concen: 2.622 ng/ul
 RT: 12.52 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: BN013843.D
 Acq: 04 Mar 2021 21:21

Tgt Ion:237	Resp:	19256
Ion Ratio	Lower	Upper
237	100	
235	63.2	51.4 77.0
272	15.2	11.0 16.4



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

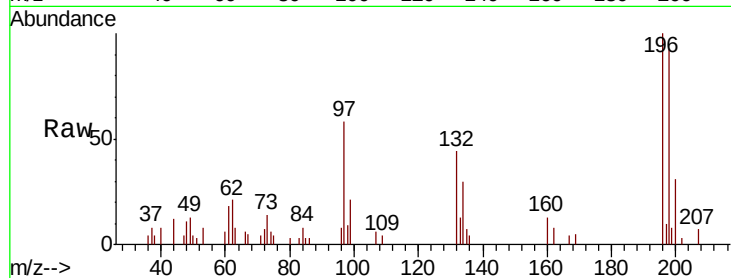




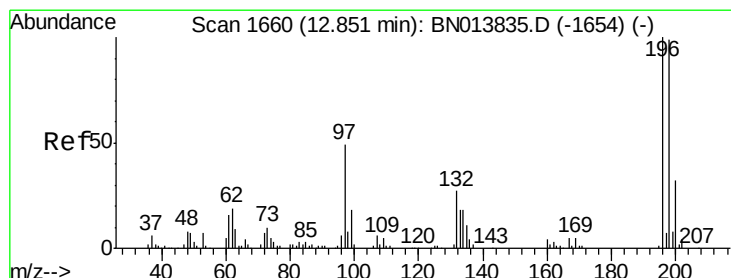
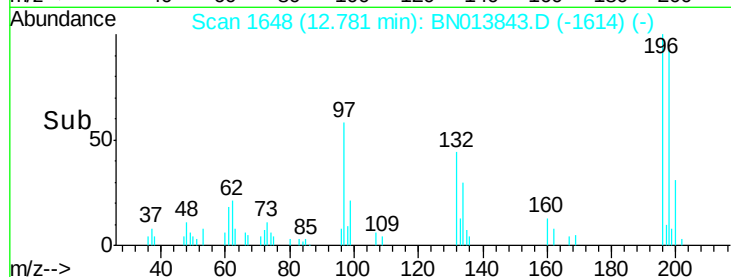
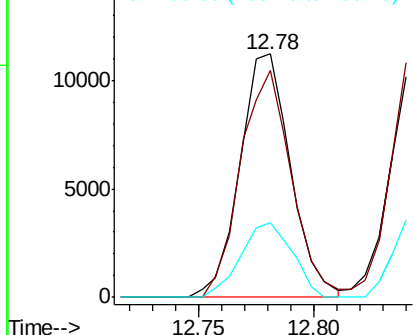
#39
 2,4,6-Trichlorophenol
 Concen: 2.415 ng/ul
 RT: 12.78 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BN013843.D
 Acq: 04 Mar 2021 21:21

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-02

Tot Ion:196 Resp: 17186
 Ion Ratio Lower Upper
 196 100
 198 93.4 78.6 118.0
 200 30.5 23.7 35.5

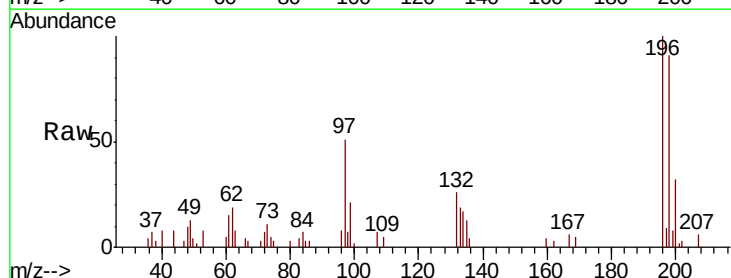


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

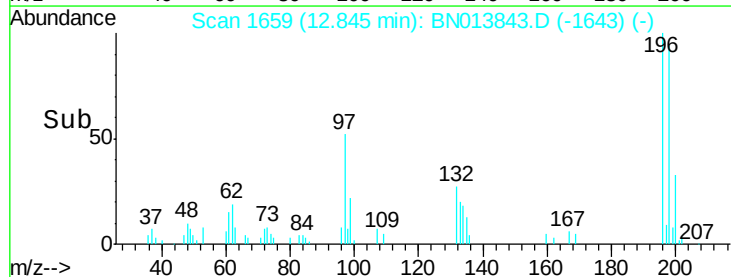
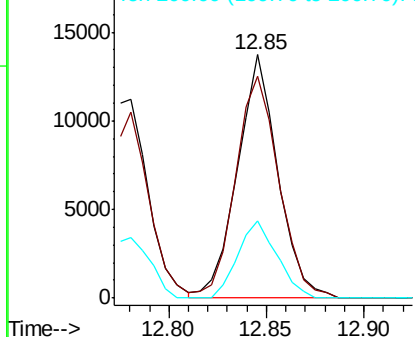


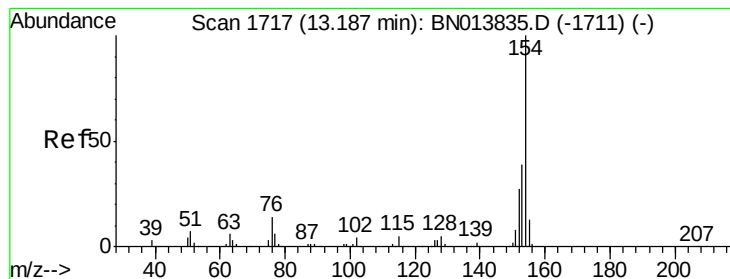
#40
 2,4,5-Trichlorophenol
 Concen: 2.524 ng/ul
 RT: 12.85 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BN013843.D
 Acq: 04 Mar 2021 21:21

Tgt Ion:196 Resp: 19713
 Ion Ratio Lower Upper
 196 100
 198 91.1 73.3 109.9
 200 31.7 24.0 36.0



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





#41

1,1'-Biphenyl

Concen: 3.169 ng/ul

RT: 13.19 min Scan# 1717

Delta R.T. -0.01 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-02

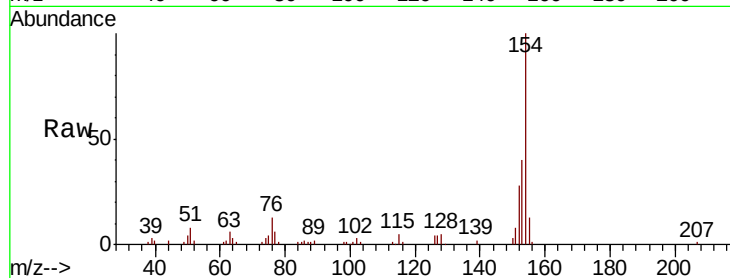
Tot Ion:154 Resp: 97623

Ion Ratio Lower Upper

154 100

153 39.7 31.8 47.6

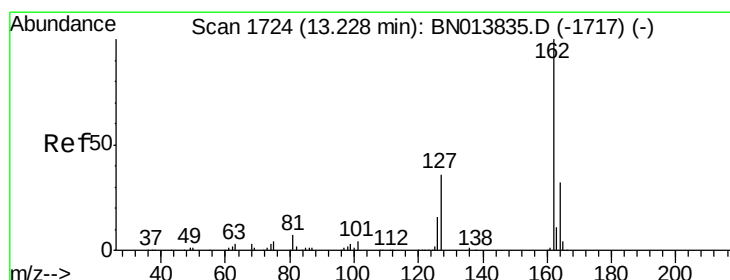
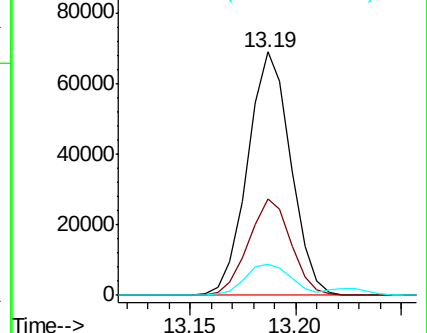
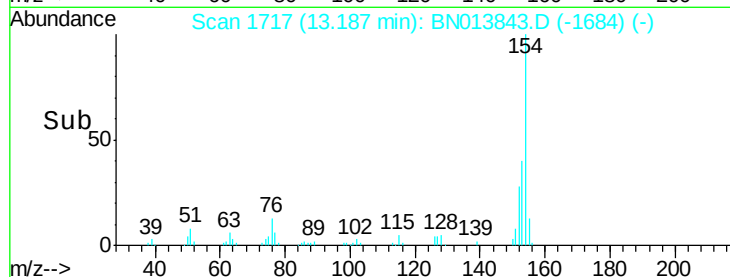
76 13.0 11.0 16.6



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



#42

2-Chloronaphthalene

Concen: 3.129 ng/ul

RT: 13.23 min Scan# 1724

Delta R.T. 0.00 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

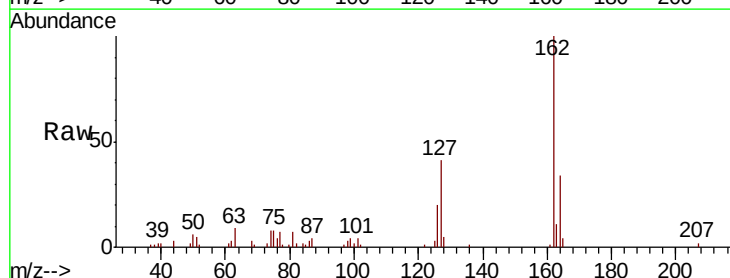
Tgt Ion:162 Resp: 75345

Ion Ratio Lower Upper

162 100

164 34.1 25.3 37.9

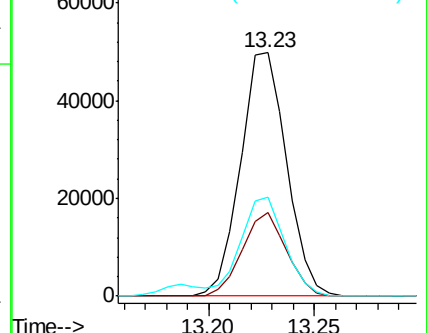
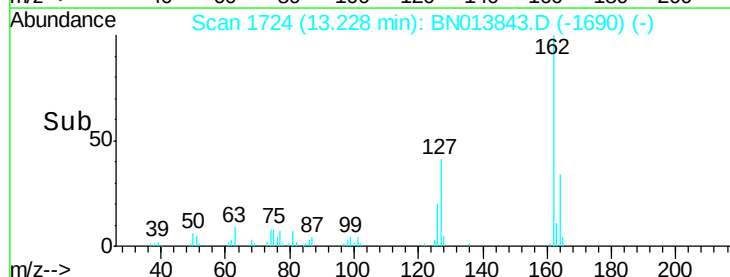
127 40.5 30.9 46.3

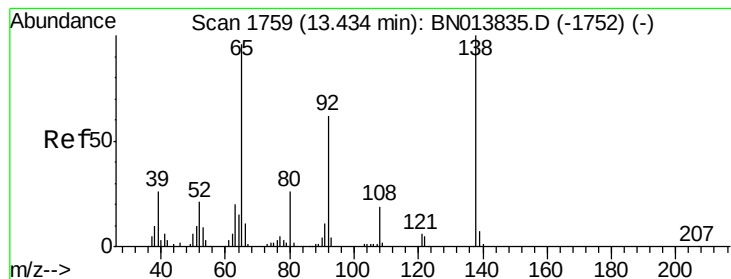


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E





#43

2-Nitroaniline

Concen: 2.379 ng/ul

RT: 13.43 min Scan# 1758

Delta R.T. -0.01 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-02

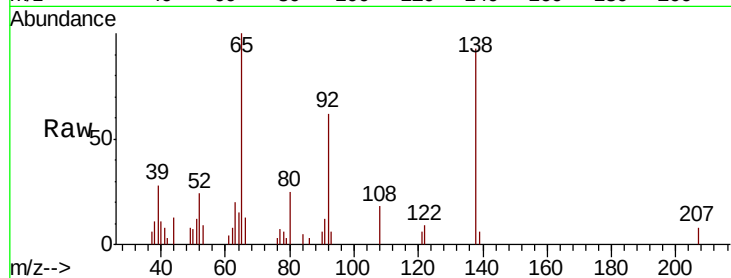
Tot Ion: 65 Resp: 14854

Ion Ratio Lower Upper

65 100

92 61.9 53.4 80.2

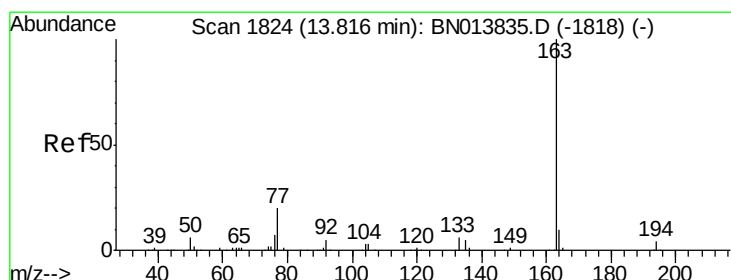
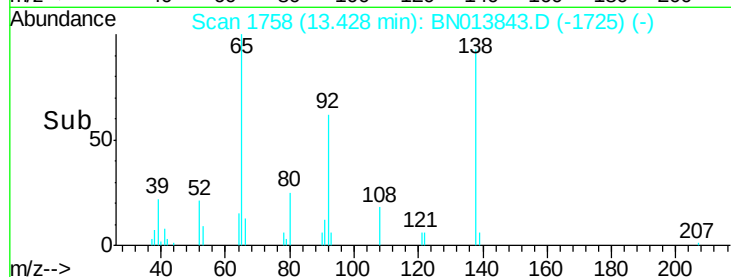
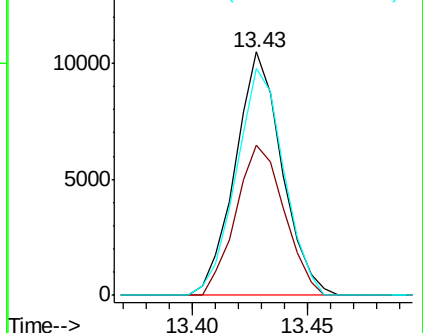
138 93.1 81.6 122.4



Abundance Ion 65.00 (64.70 to 65.70): BN013843.D (-1752) (-)

Ion 92.00 (91.70 to 92.70): BN013843.D (-1752) (-)

Ion 138.00 (137.70 to 138.70): BN013843.D (-1752) (-)



#45

Dimethylphthalate

Concen: 3.256 ng/ul

RT: 13.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

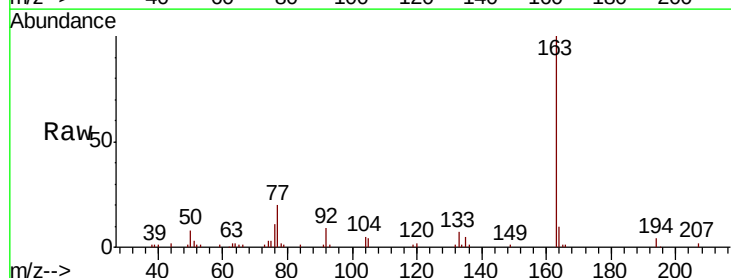
Tgt Ion:163 Resp: 92658

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

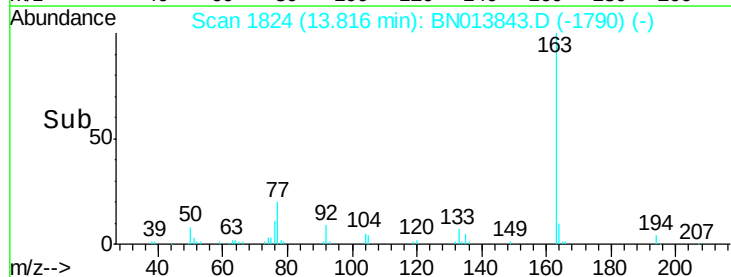
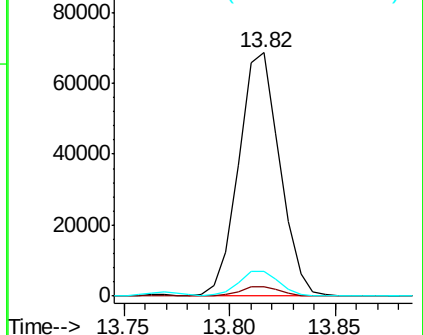
164 9.9 8.3 12.5

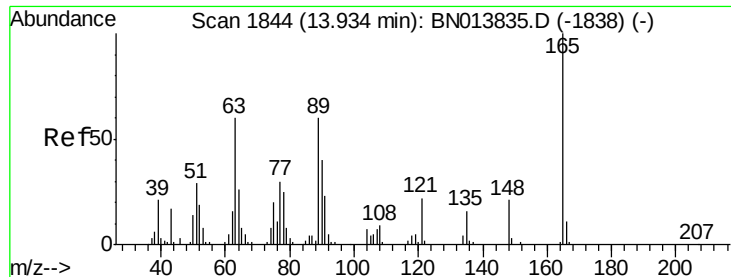


Abundance Ion 163.00 (162.70 to 163.70): BN013843.D (-1790) (-)

Ion 194.00 (193.70 to 194.70): BN013843.D (-1790) (-)

Ion 164.00 (163.70 to 164.70): BN013843.D (-1790) (-)

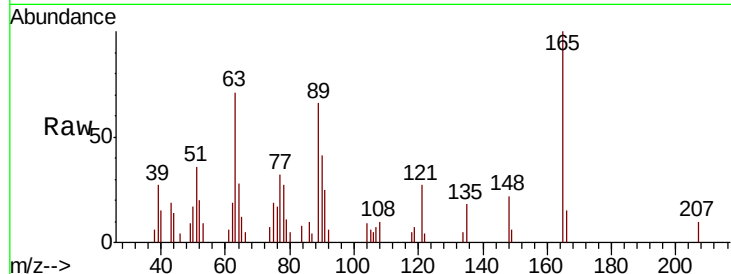




#46
2,6-Dinitrotoluene
Concen: 2.424 ng/ul
RT: 13.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BN013843.D
Acq: 04 Mar 2021 21:21

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-02

Tot Ion	Ratio	Lower	Upper
165	100		
89	66.0	51.8	77.8
121	26.7	18.6	28.0

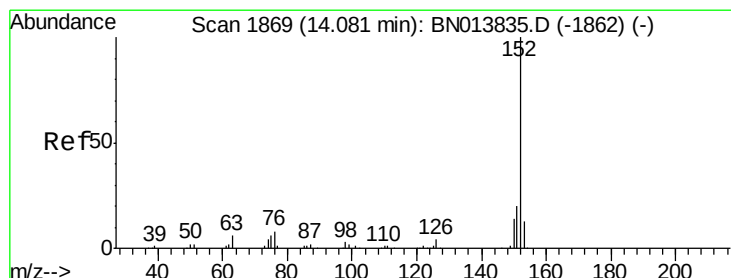
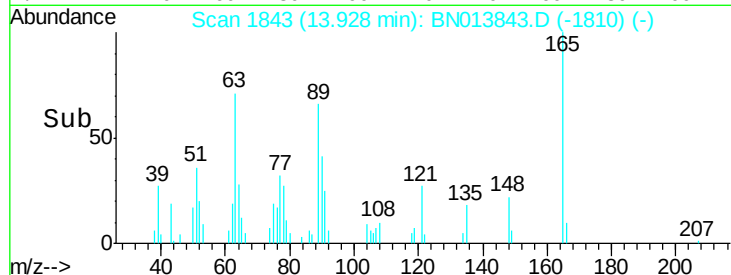
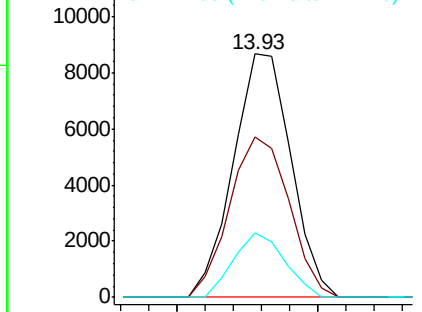


Abundance

Ion 165.00 (164.70 to 165.70): E

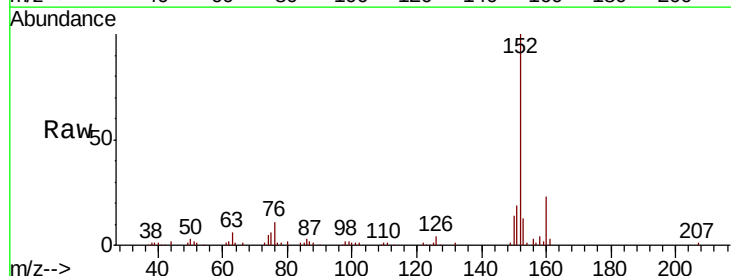
Ion 89.00 (88.70 to 89.70): B

Ion 121.00 (120.70 to 121.70): E



#48
Acenaphthylene
Concen: 3.185 ng/ul
RT: 14.07 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BN013843.D
Acq: 04 Mar 2021 21:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.0	24.0
153	12.9	10.5	15.7

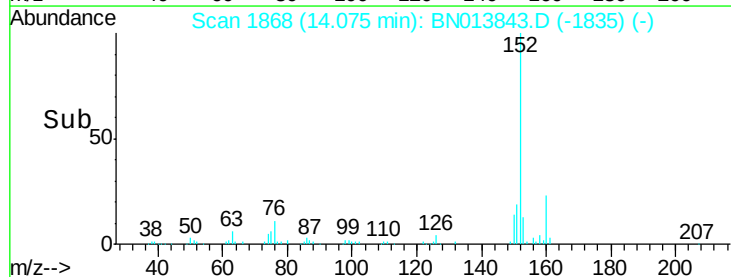
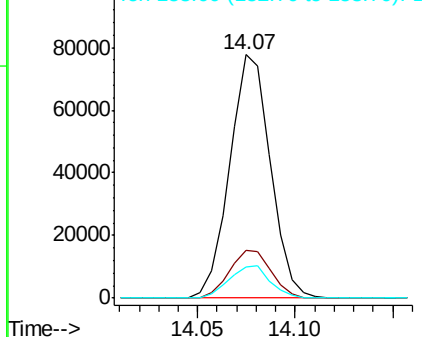


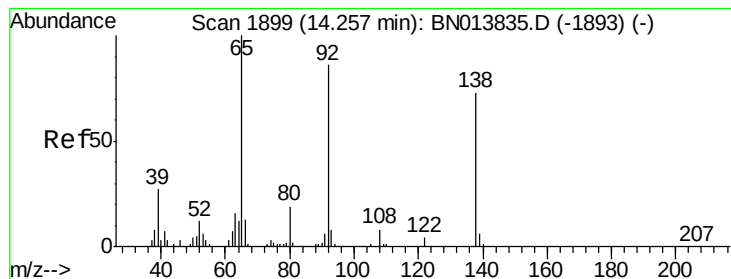
Abundance

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





#49

3-Nitroaniline

Concen: 2.508 ng/ul

RT: 14.26 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-02

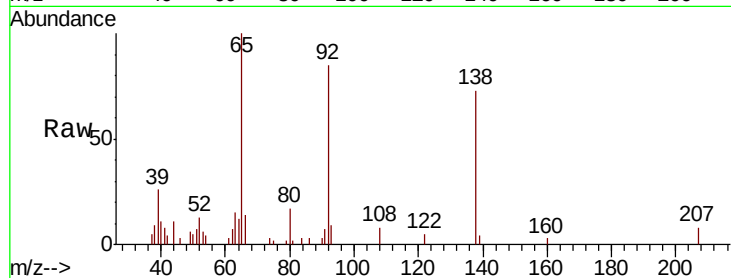
Tot Ion:138 Resp: 13908

Ion Ratio Lower Upper

138 100

108 10.8 8.6 12.8

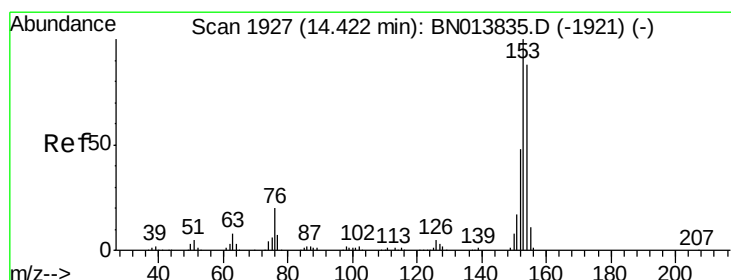
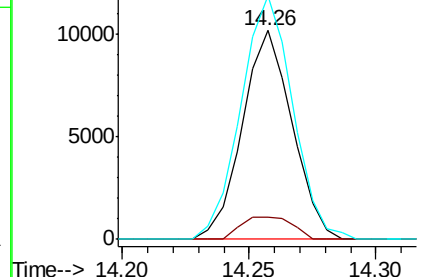
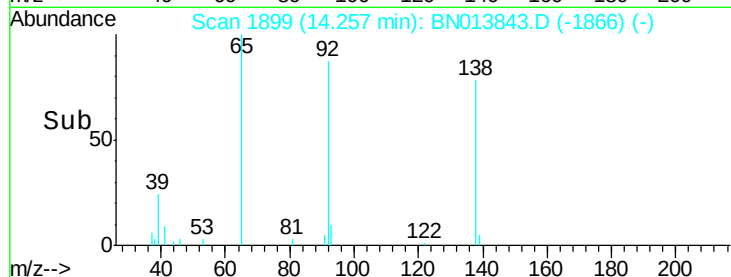
92 116.7 93.0 139.4



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



#50

Acenaphthene

Concen: 3.172 ng/ul

RT: 14.42 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

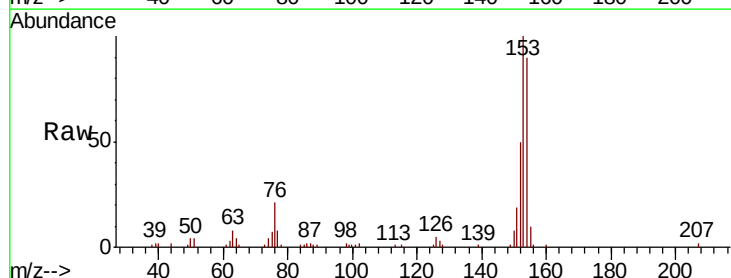
Tgt Ion:153 Resp: 81605

Ion Ratio Lower Upper

153 100

152 50.0 37.4 56.0

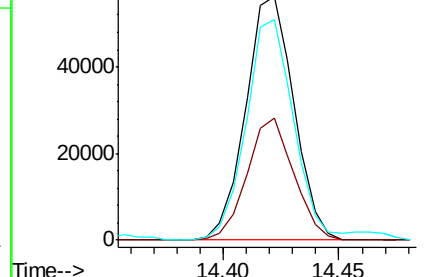
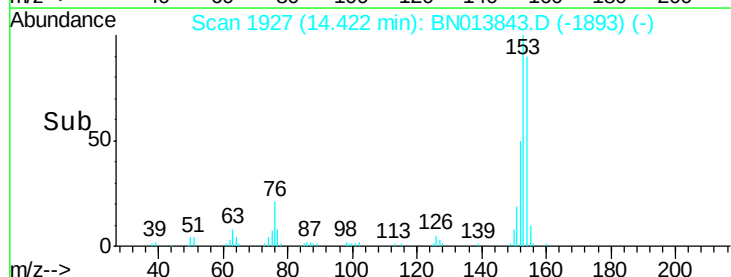
154 90.4 68.4 102.6

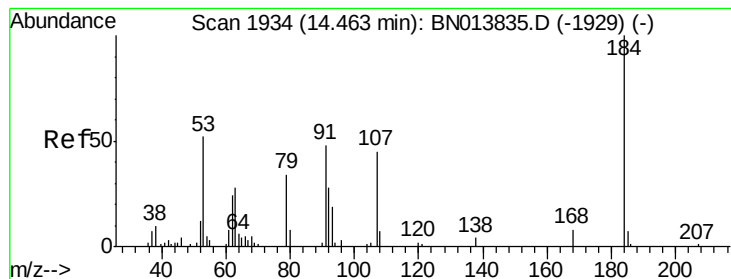


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#51

2,4-Dinitrophenol

Concen: 1.596 ng/ul

RT: 14.46 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-02

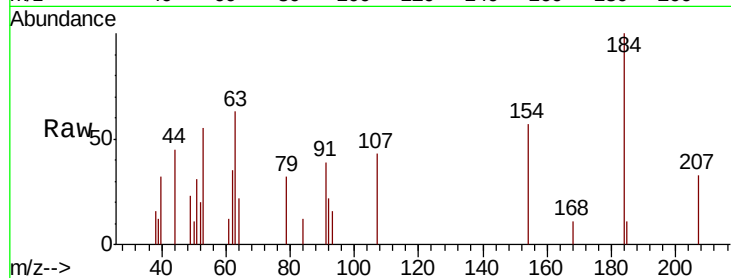
Tot Ion:184 Resp: 4284

Ion Ratio Lower Upper

184 100

63 62.7 58.4 87.6

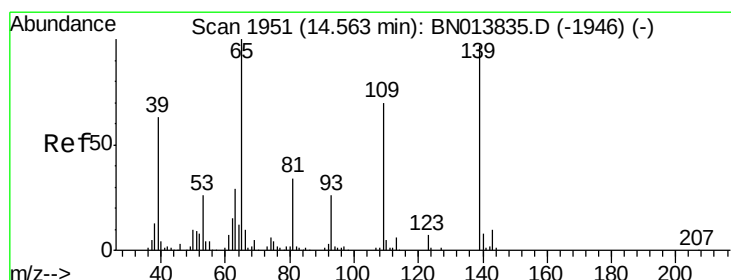
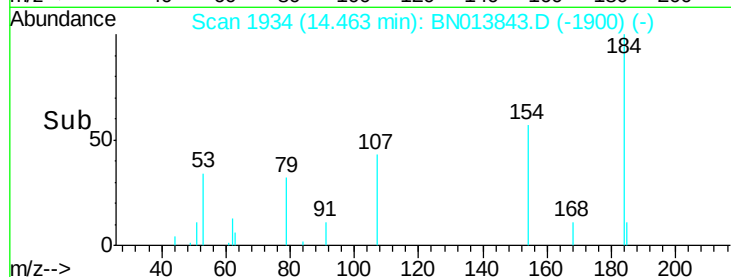
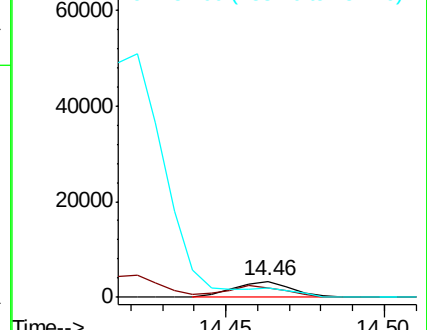
154 57.1 49.4 74.2



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



#53

4-Nitrophenol

Concen: 2.924 ng/ul

RT: 14.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

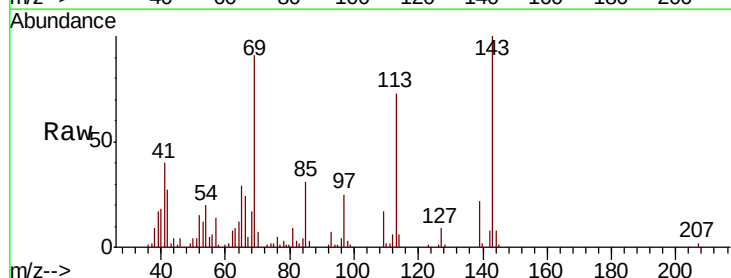
Tgt Ion:109 Resp: 12153

Ion Ratio Lower Upper

109 100

139 125.8 104.1 156.1

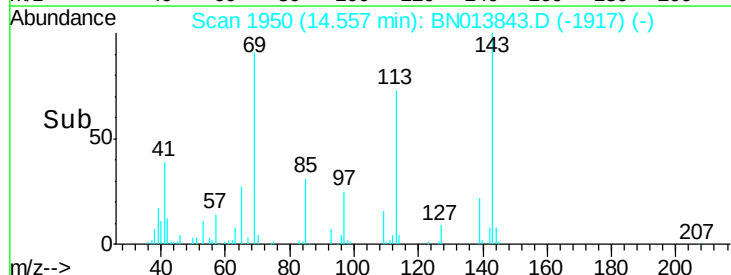
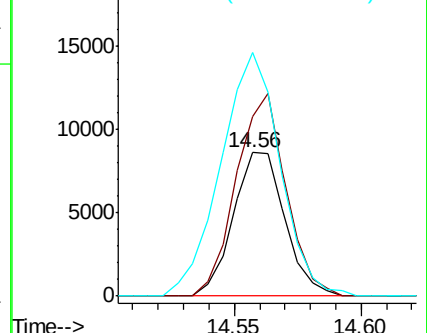
65 169.9 108.2 162.4#

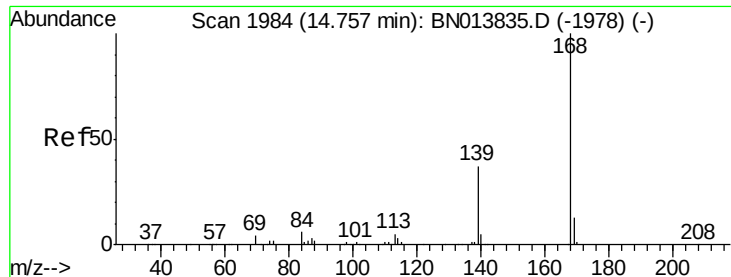


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNO





#54

Dibenzenofuran

Concen: 3.236 ng/ul

RT: 14.76 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

Instrument :

BNA_N

ClientSampleId :

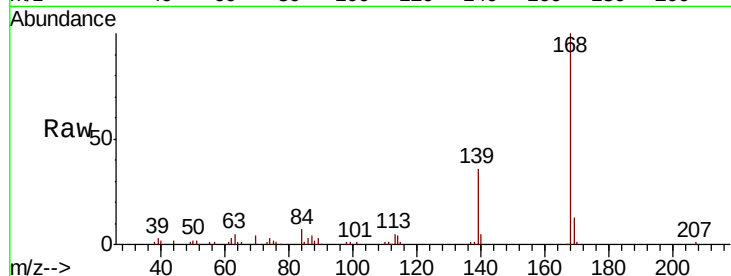
MDL-SOIL-02

Tot Ion:168 Resp: 114750

Ion Ratio Lower Upper

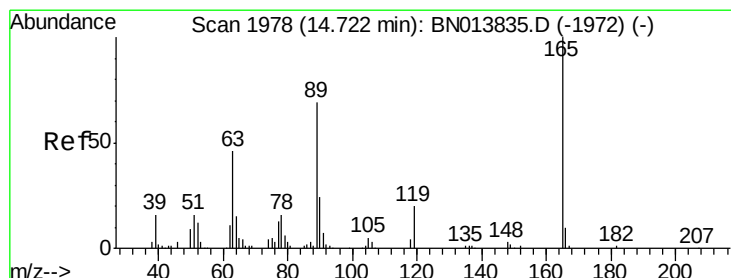
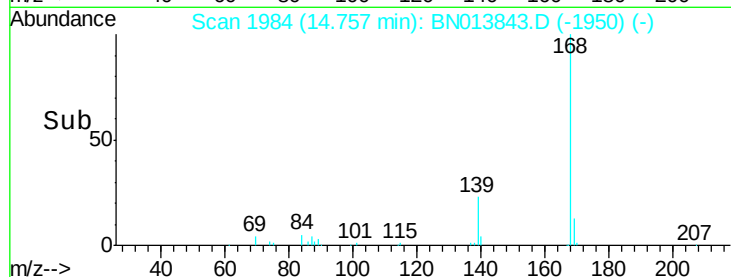
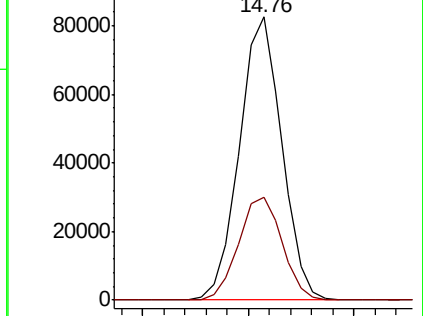
168 100

139 36.4 30.6 45.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 2.623 ng/ul

RT: 14.72 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

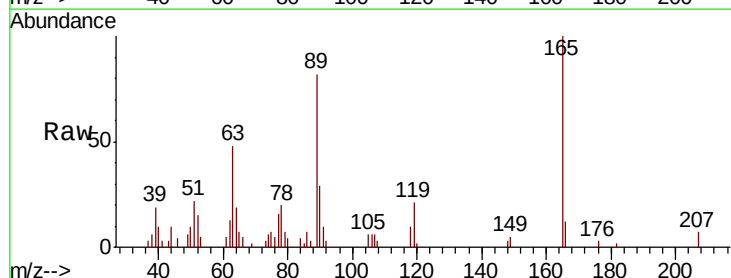
Tgt Ion:165 Resp: 19110

Ion Ratio Lower Upper

165 100

63 48.1 40.2 60.2

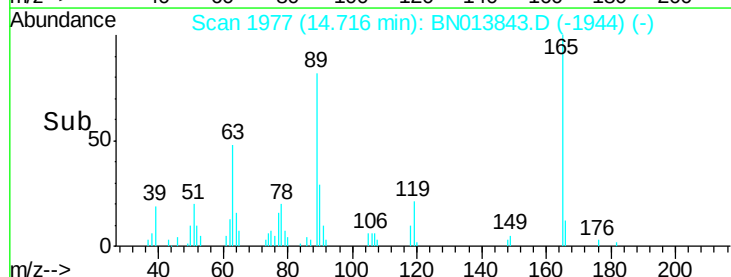
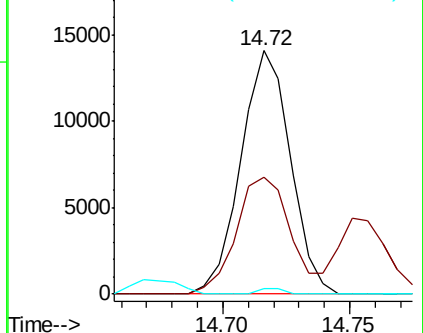
182 2.3 2.2 3.4

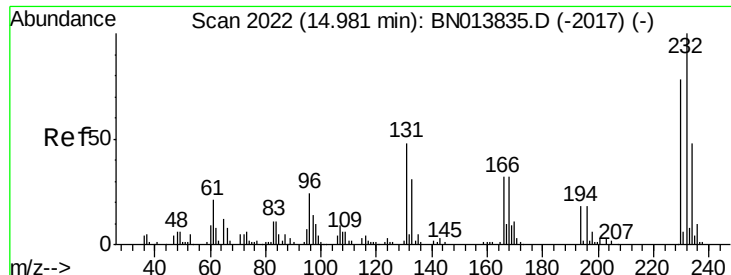


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BN0

Ion 182.00 (181.70 to 182.70): E

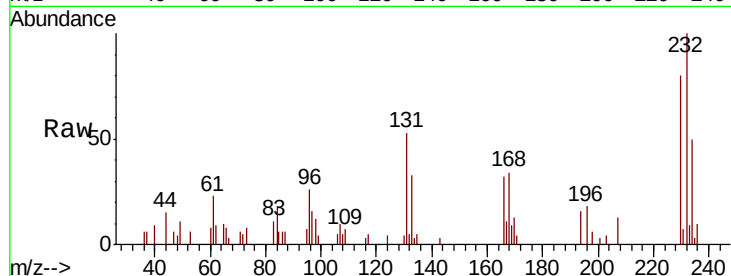




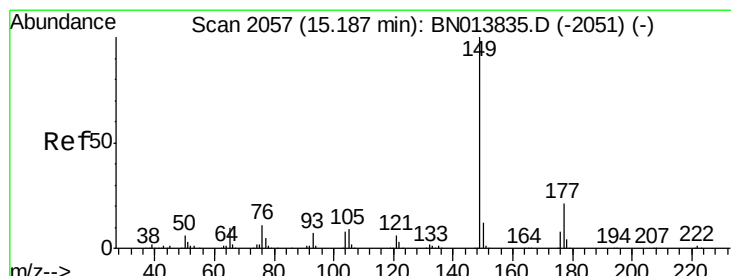
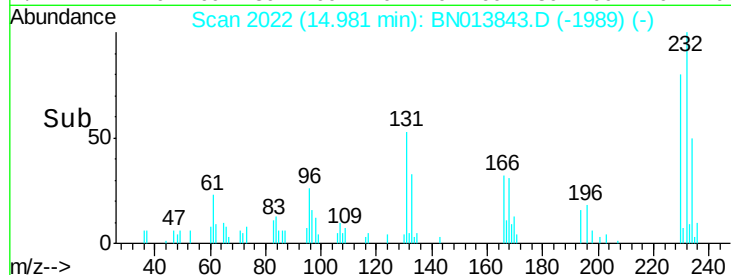
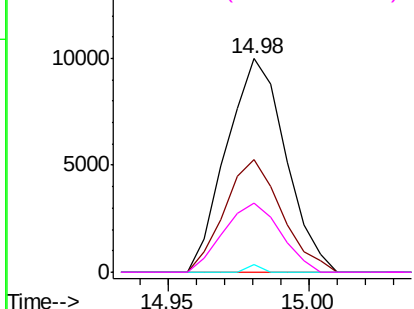
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 2.418 ng/ul
 RT: 14.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BN013843.D
 Acq: 04 Mar 2021 21:21

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-02

Tot Ion:232 Resp: 14576
 Ion Ratio Lower Upper
 232 100
 131 53.0 37.4 56.2
 130 3.6 1.9 2.9#
 166 32.4 24.7 37.1

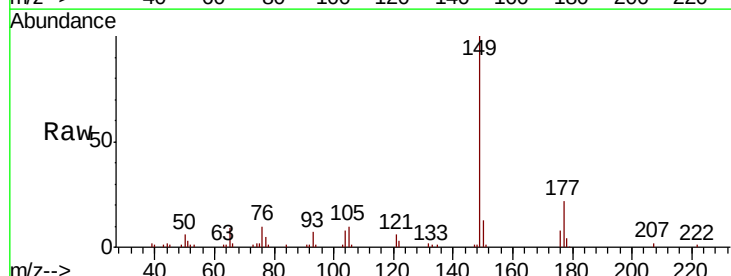


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

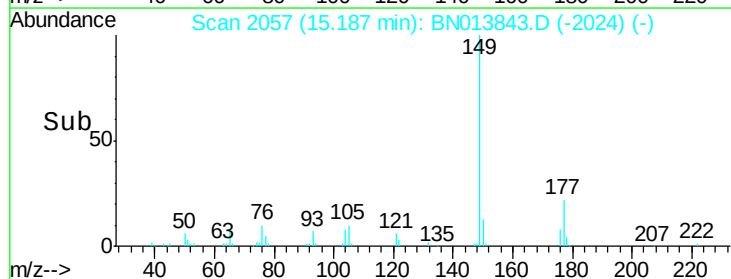
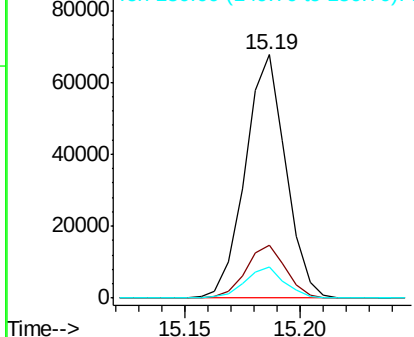


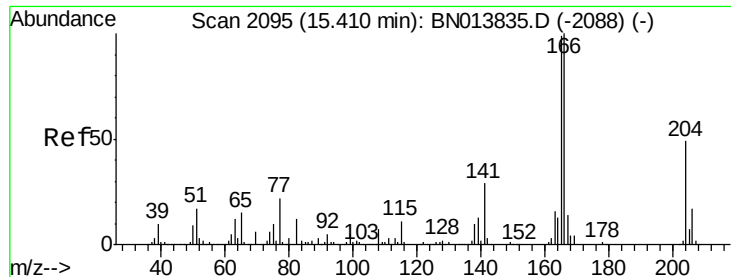
#57
 Diethylphthalate
 Concen: 2.908 ng/ul
 RT: 15.19 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BN013843.D
 Acq: 04 Mar 2021 21:21

Tgt Ion:149 Resp: 82715
 Ion Ratio Lower Upper
 149 100
 177 21.7 17.7 26.5
 150 12.7 9.6 14.4



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





#59

Fluorene

Concen: 3.258 ng/ul

RT: 15.40 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-02

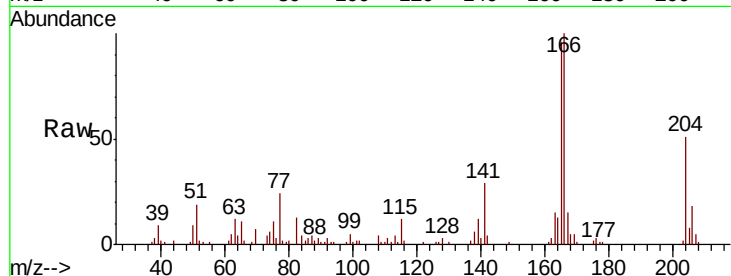
Tot Ion:166 Resp: 94016

Ion Ratio Lower Upper

166 100

165 96.5 79.5 119.3

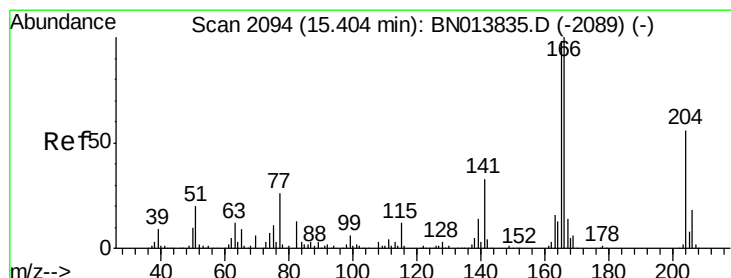
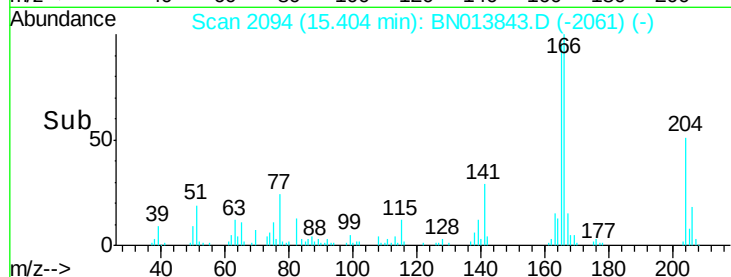
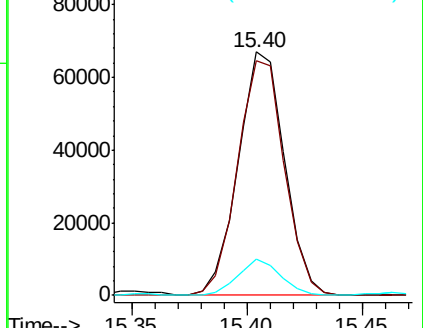
167 14.8 10.2 15.4



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



#60

4-Chlorophenyl-phenylether

Concen: 3.302 ng/ul

RT: 15.40 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

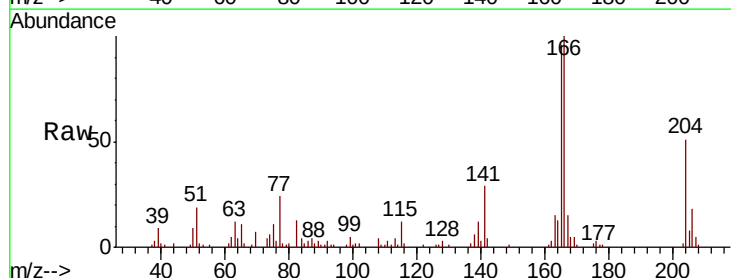
Tgt Ion:204 Resp: 45720

Ion Ratio Lower Upper

204 100

206 34.7 24.6 37.0

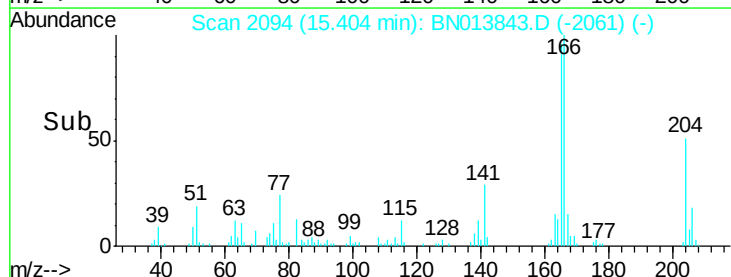
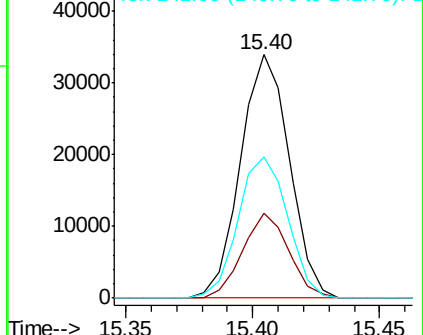
141 58.3 44.7 67.1

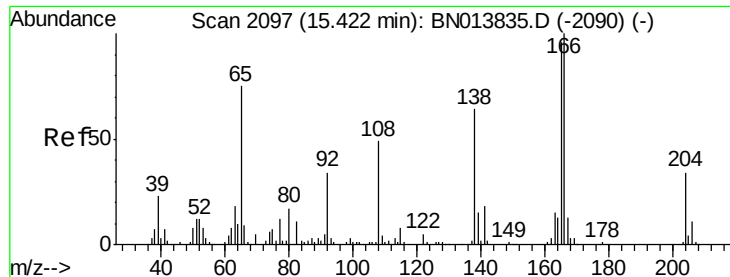


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

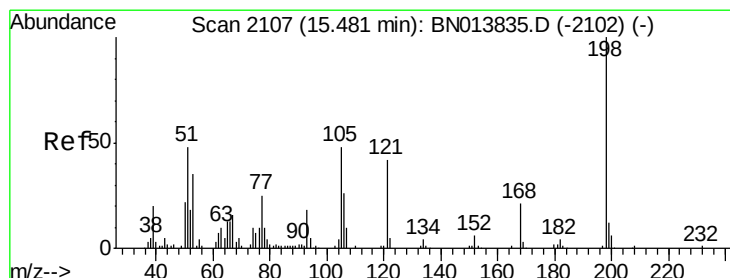
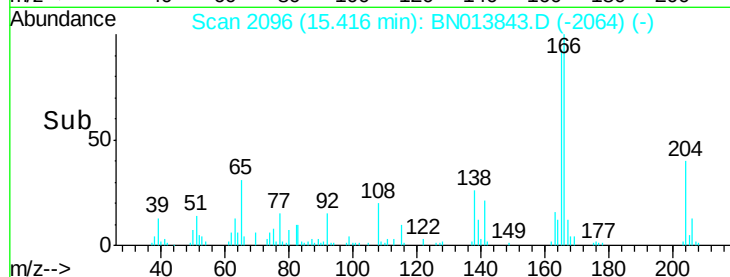
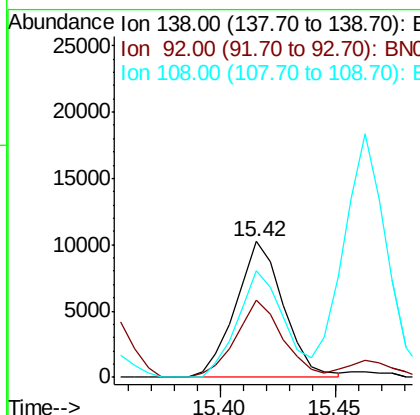
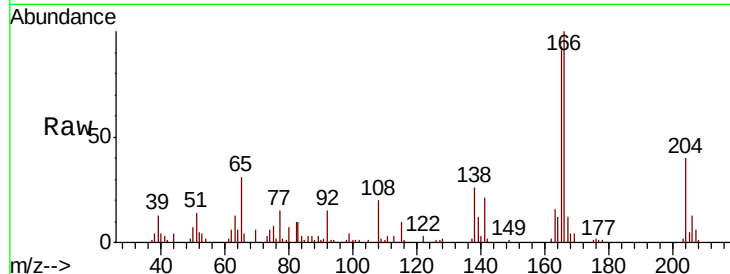




#61
4-Nitroaniline
Concen: 2.341 ng/ul
RT: 15.42 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BN013843.D
Acq: 04 Mar 2021 21:21

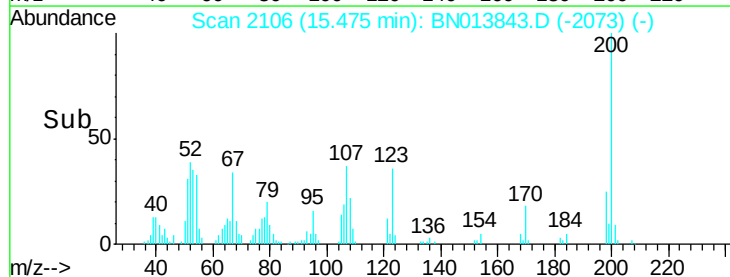
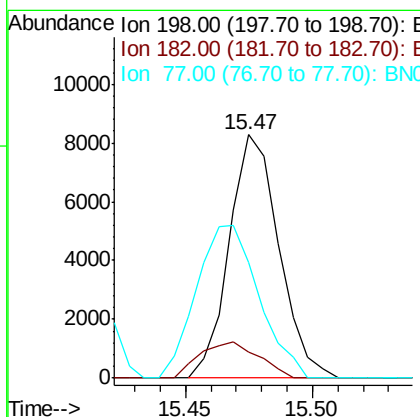
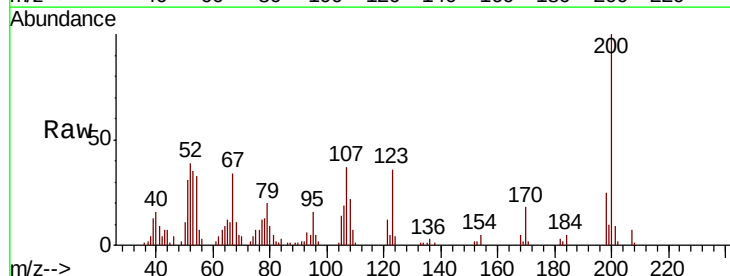
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-02

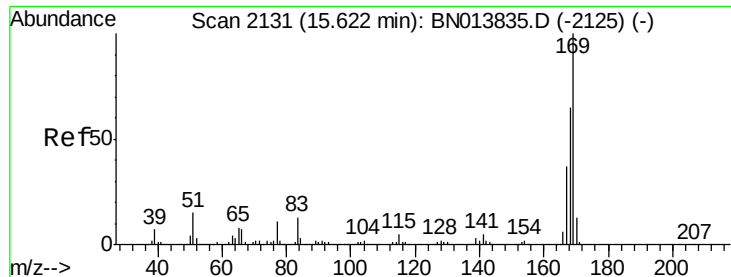
Tot Ion:138 Resp: 14871
Ion Ratio Lower Upper
138 100
92 56.7 38.6 57.8
108 78.9 59.8 89.8



#64
4,6-Dinitro-2-methylphenol
Concen: 2.709 ng/ul
RT: 15.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BN013843.D
Acq: 04 Mar 2021 21:21

Tgt Ion:198 Resp: 11320
Ion Ratio Lower Upper
198 100
182 10.6 3.5 5.3#
77 47.6 22.2 33.4#



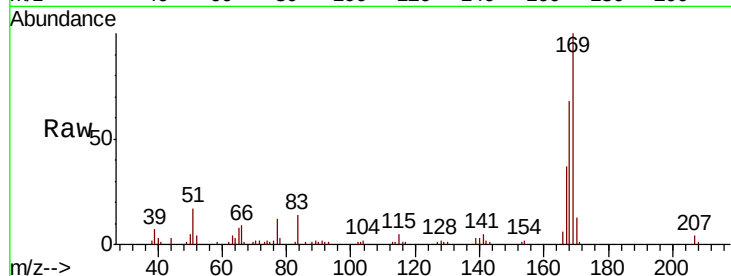


#65

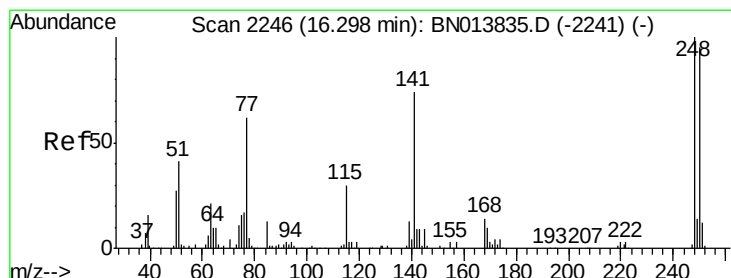
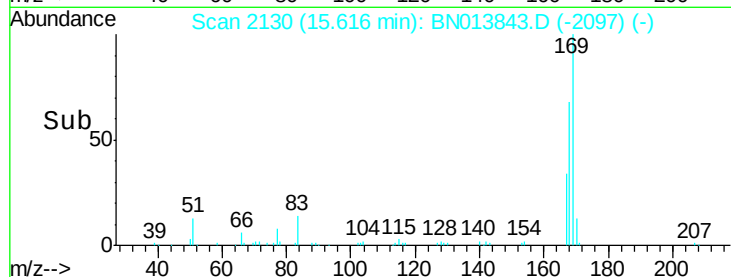
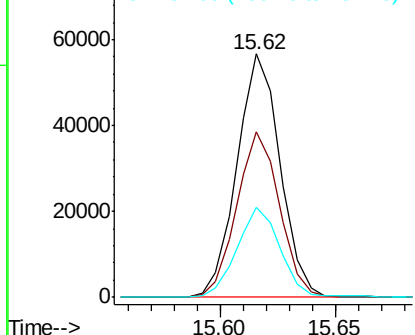
N-Nitrosodiphenylamine
 Concen: 3.005 ng/ul
 RT: 15.62 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BN013843.D
 Acq: 04 Mar 2021 21:21

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-02

Tot Ion:169 Resp: 73854
 Ion Ratio Lower Upper
 169 100
 168 68.0 54.7 82.1
 167 36.7 29.0 43.6



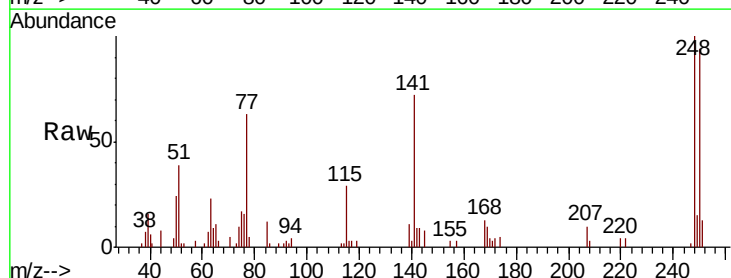
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



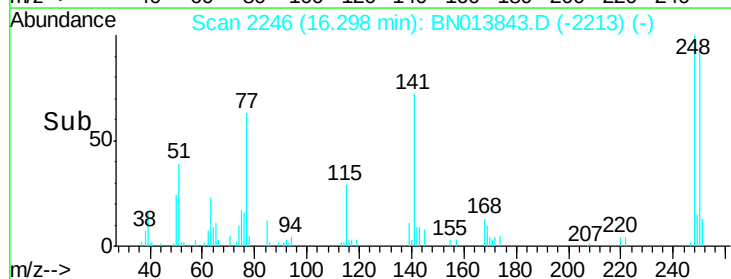
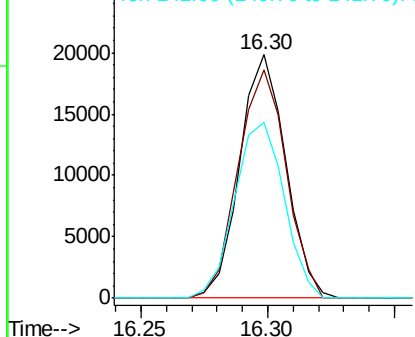
#66

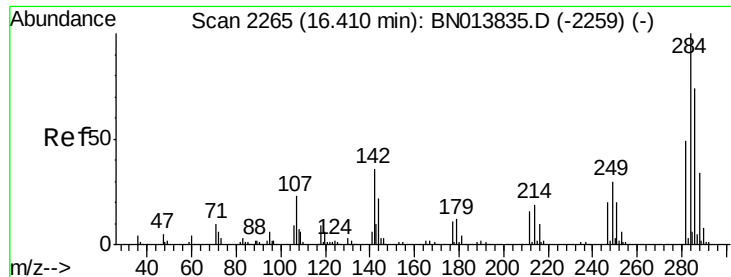
4-Bromophenyl-phenylether
 Concen: 3.067 ng/ul
 RT: 16.30 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BN013843.D
 Acq: 04 Mar 2021 21:21

Tgt Ion:248 Resp: 25070
 Ion Ratio Lower Upper
 248 100
 250 93.8 76.6 115.0
 141 72.1 58.5 87.7



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





#67

Hexachlorobenzene

Concen: 2.950 ng/ul

RT: 16.40 min Scan# 2264

Delta R.T. -0.01 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

Instrument :

BNA_N

ClientSampled :

MDL-SOIL-02

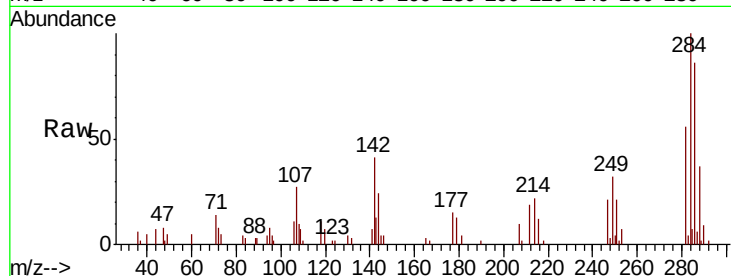
Tot Ion:284 Resp: 28806

Ion Ratio Lower Upper

284 100

142 40.7 29.2 43.8

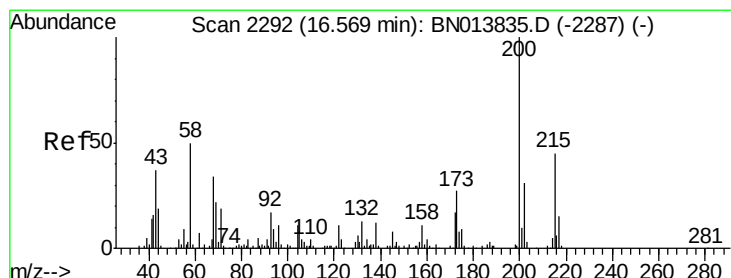
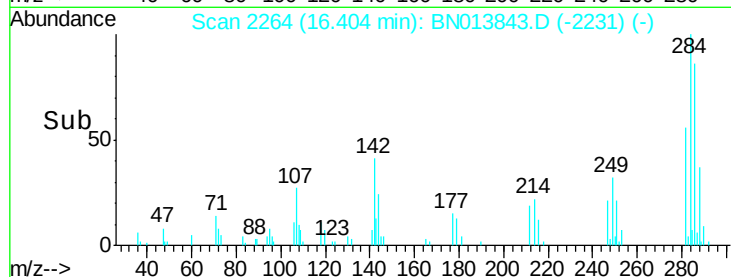
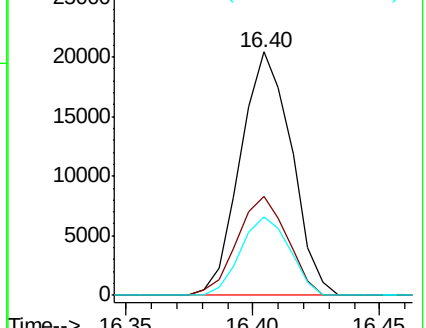
249 32.0 23.5 35.3



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



#68

Atrazine

Concen: 2.332 ng/ul

RT: 16.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

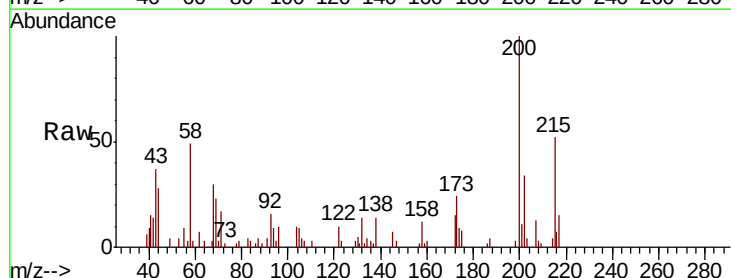
Tgt Ion:200 Resp: 19808

Ion Ratio Lower Upper

200 100

173 24.2 21.2 31.8

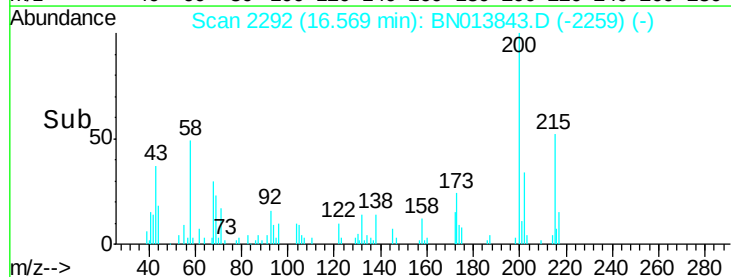
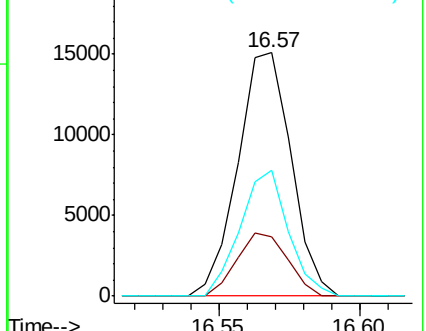
215 51.8 34.0 51.0#

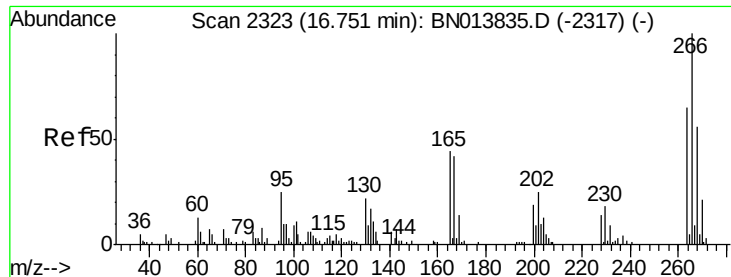


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 1.816 ng/ul

RT: 16.75 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-02

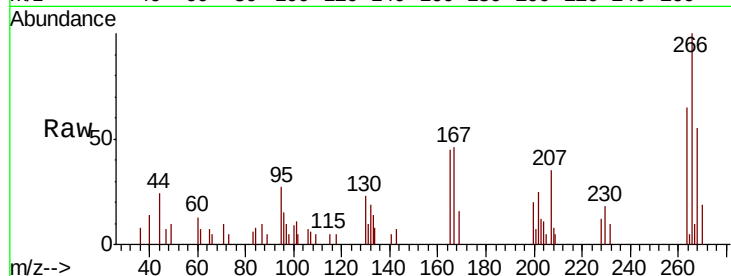
Tot Ion:266 Resp: 9342

Ion Ratio Lower Upper

266 100

264 64.9 50.2 75.4

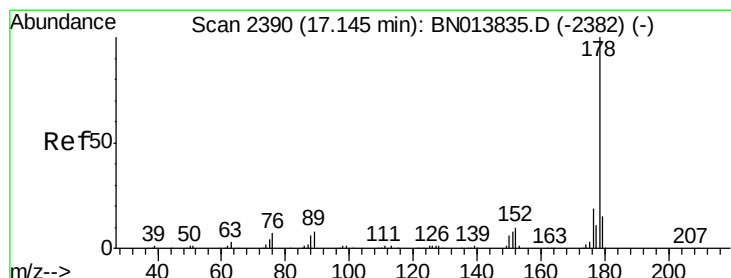
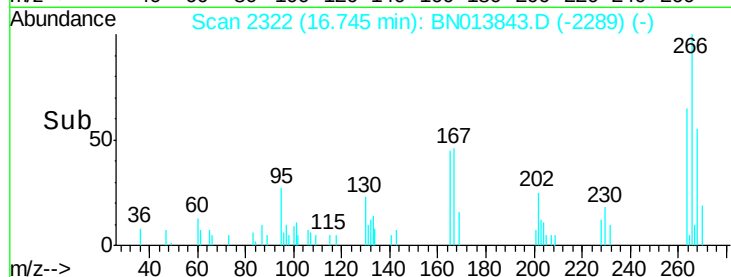
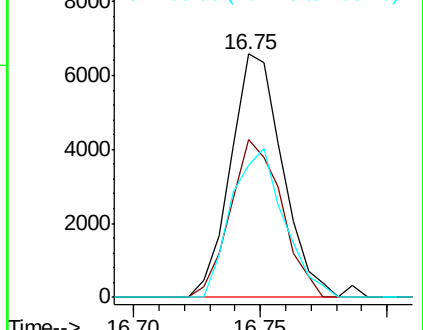
268 54.5 49.6 74.4



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



#70

Phenanthrene

Concen: 3.172 ng/ul

RT: 17.15 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

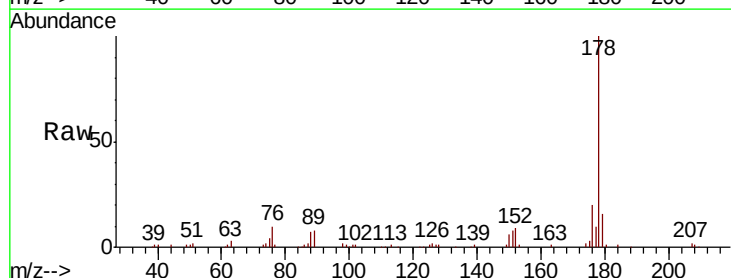
Tgt Ion:178 Resp: 146653

Ion Ratio Lower Upper

178 100

179 15.6 12.9 19.3

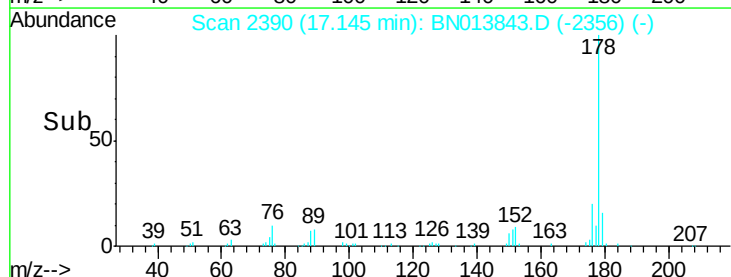
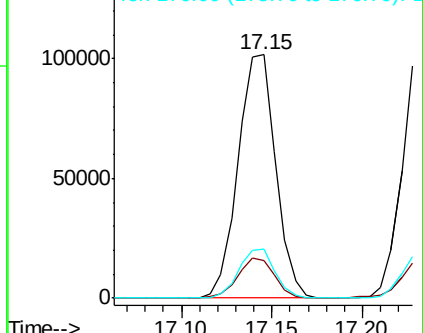
176 20.2 15.8 23.8

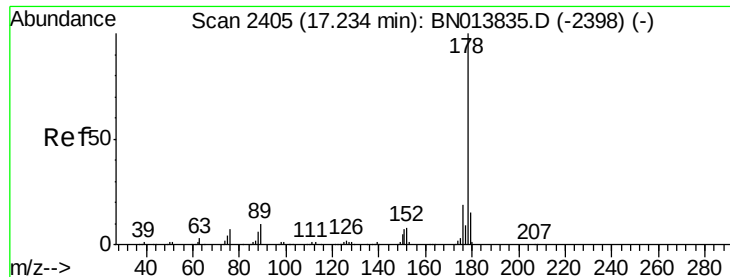


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 3.196 ng/ul

RT: 17.23 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-02

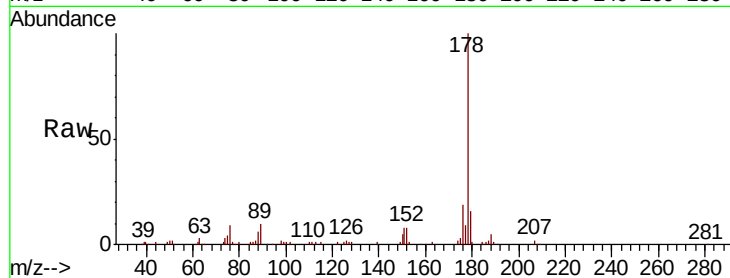
Tot Ion:178 Resp: 150216

Ion Ratio Lower Upper

178 100

179 15.9 11.9 17.9

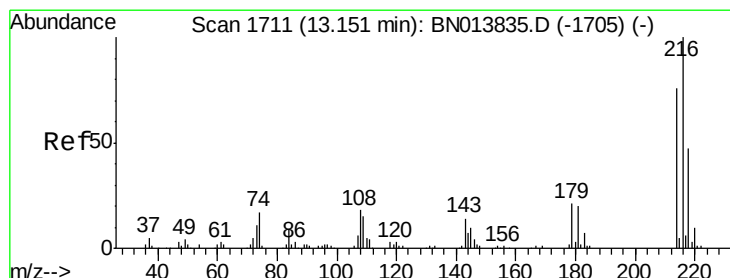
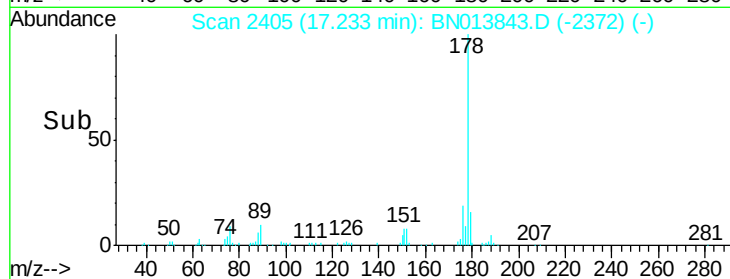
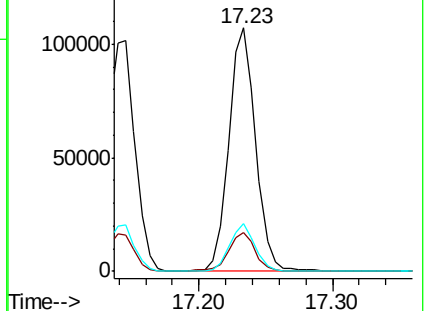
176 19.4 14.3 21.5



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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 3.063 ng/uL

RT: 13.15 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

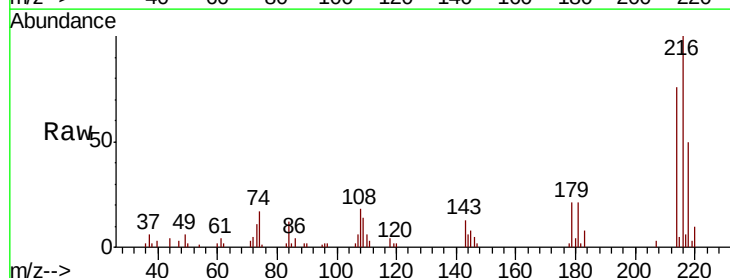
Tgt Ion:216 Resp: 38276

Ion Ratio Lower Upper

216 100

214 76.2 60.1 90.1

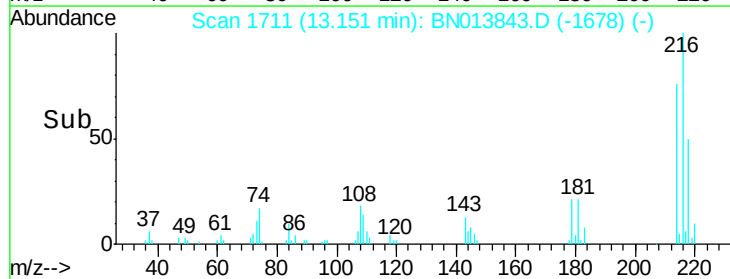
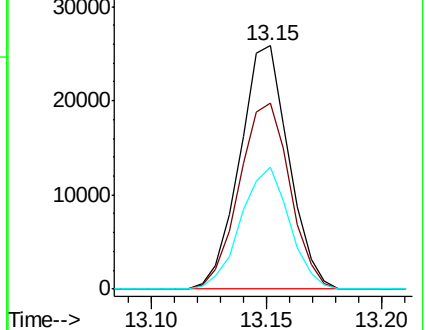
218 50.3 37.9 56.9

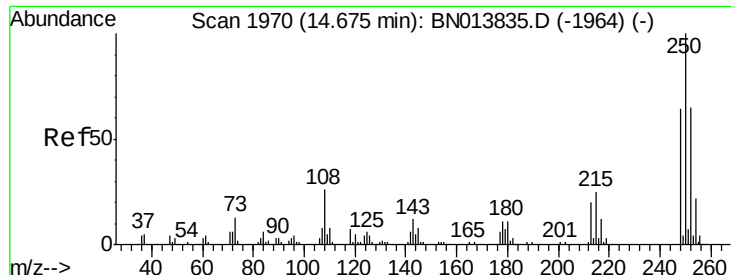


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 2.997 ng/uL

RT: 14.67 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-02

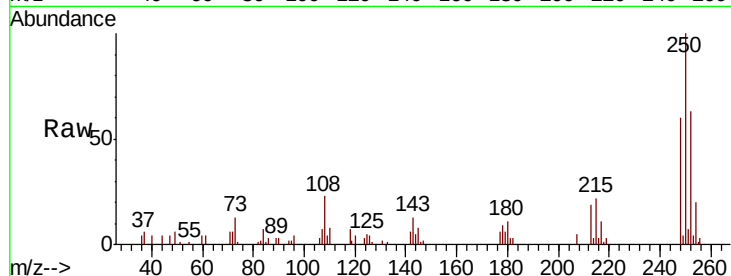
Tot Ion:250 Resp: 35282

Ion Ratio Lower Upper

250 100

248 59.7 48.3 72.5

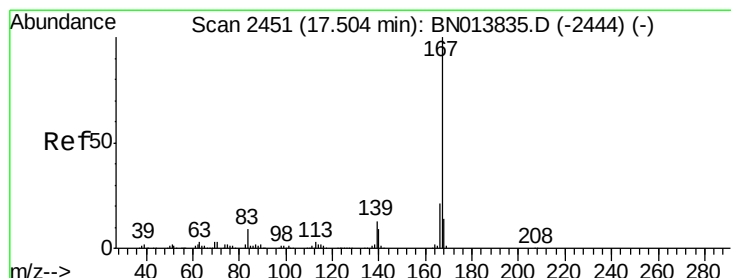
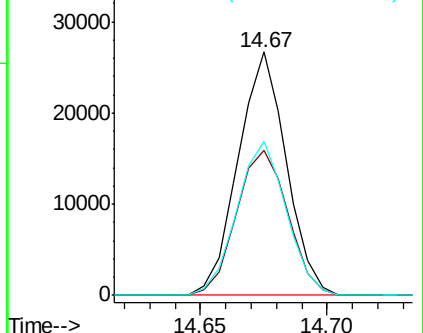
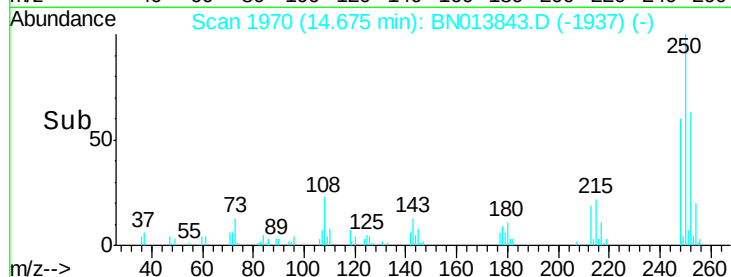
252 63.2 50.0 75.0



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 2.811 ng/uL

RT: 17.50 min Scan# 2450

Delta R.T. -0.01 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

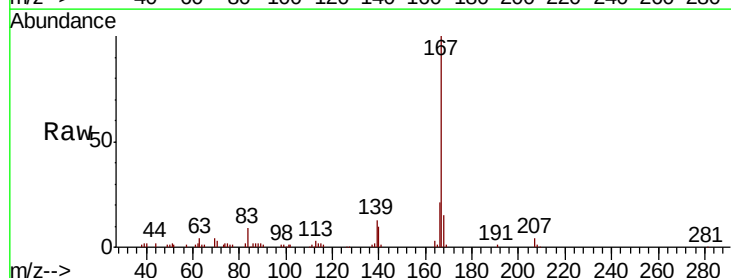
Tgt Ion:167 Resp: 117879

Ion Ratio Lower Upper

167 100

166 20.7 17.0 25.6

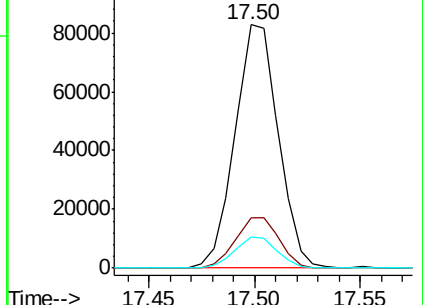
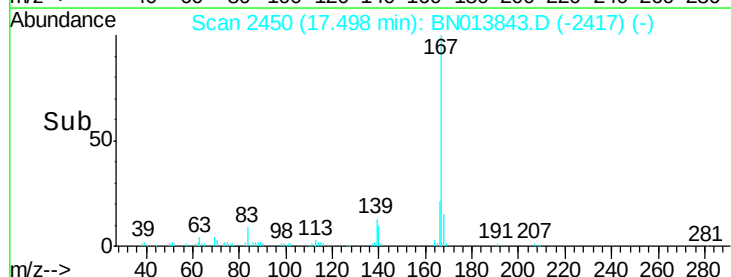
139 12.9 10.3 15.5

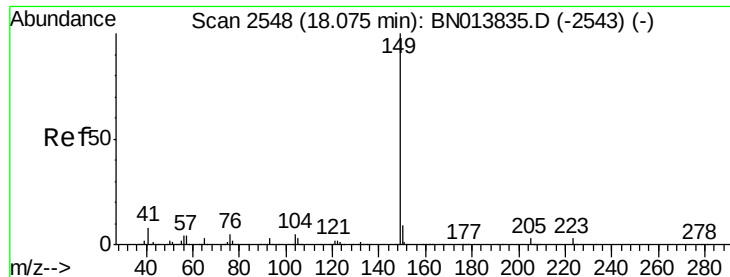


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#76

Di-n-butylphthalate

Concen: 2.320 ng/ul

RT: 18.07 min Scan# 2548

Delta R.T. -0.01 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-02

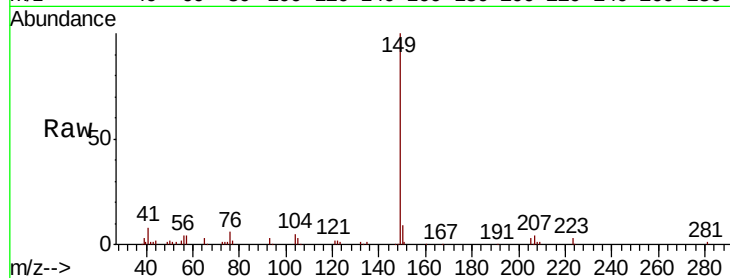
Tot Ion:149 Resp: 108852

Ion Ratio Lower Upper

149 100

150 9.4 7.0 10.6

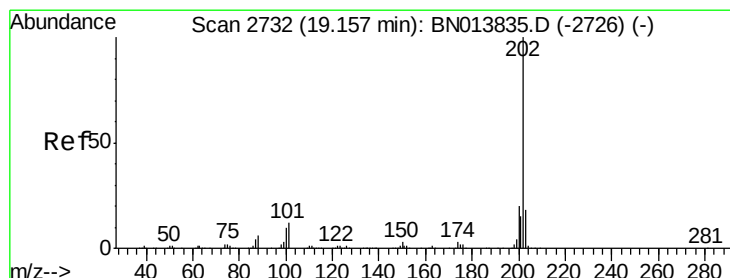
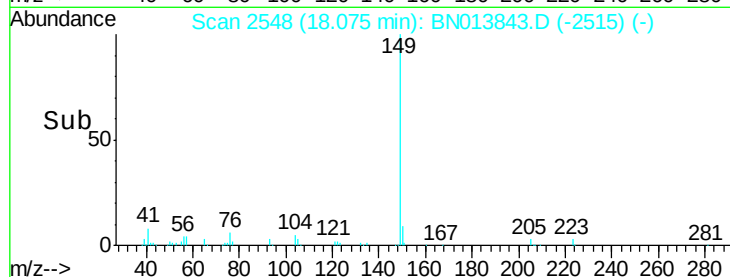
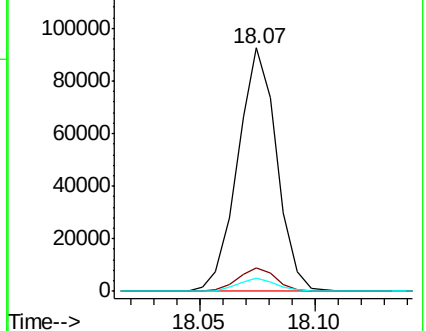
104 5.5 4.2 6.2



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



#77

Fluoranthene

Concen: 2.938 ng/ul

RT: 19.16 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

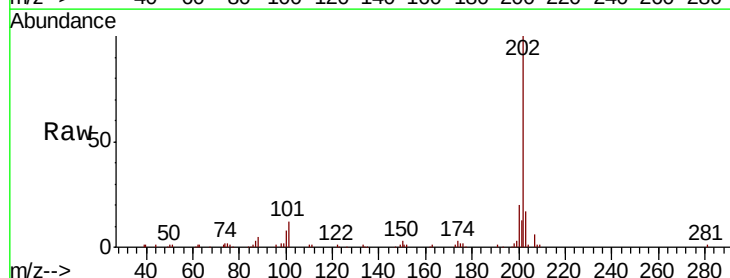
Tgt Ion:202 Resp: 150178

Ion Ratio Lower Upper

202 100

101 12.1 8.6 12.8

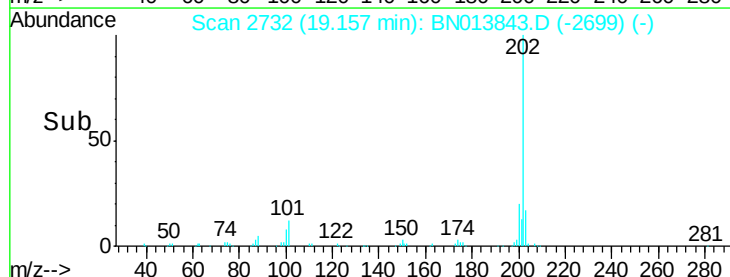
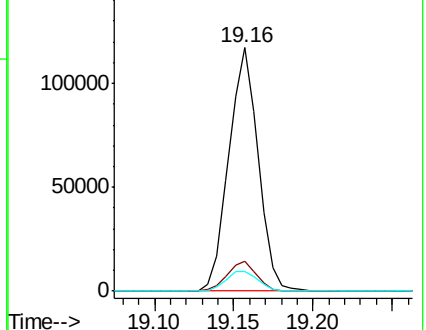
100 8.2 6.6 9.8

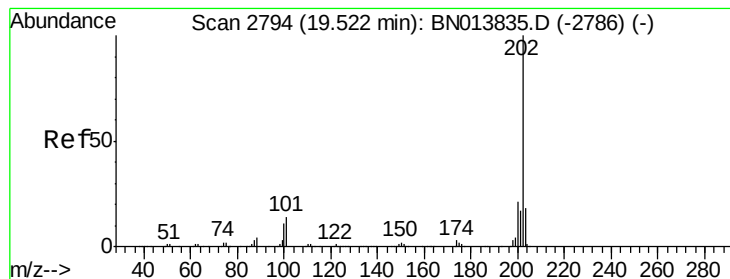


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pvrene

Concen: 3.237 ng/ul

RT: 19.52 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-02

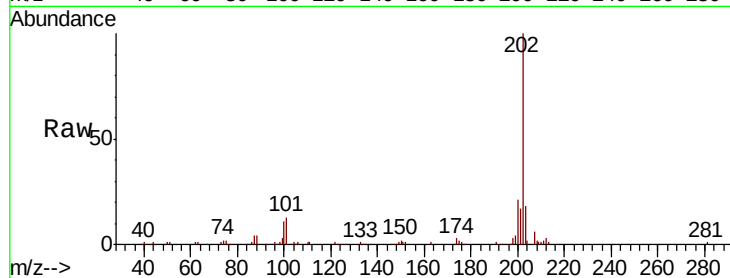
Tot Ion:202 Resp: 176426

Ion Ratio Lower Upper

202 100

101 13.2 11.1 16.7

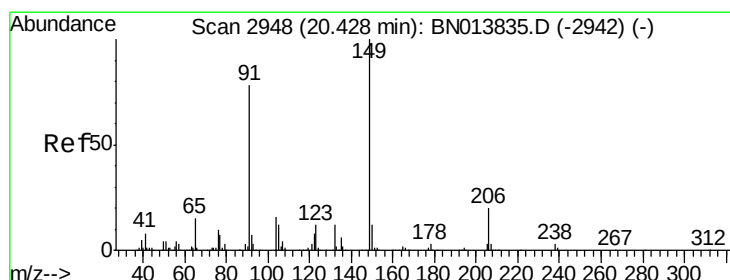
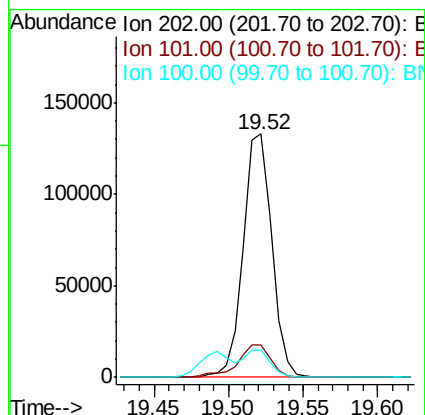
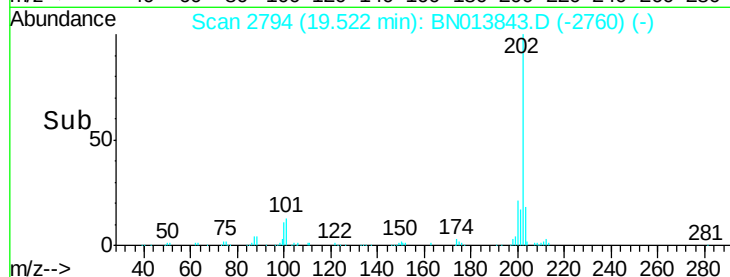
100 11.1 9.5 14.3



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): E



#81

Butylbenzylphthalate

Concen: 1.947 ng/ul

RT: 20.43 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

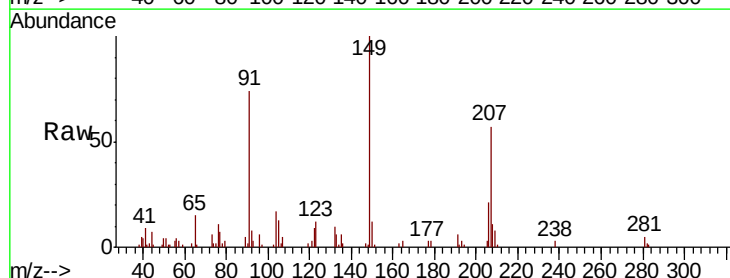
Tgt Ion:149 Resp: 36522

Ion Ratio Lower Upper

149 100

91 73.8 61.4 92.0

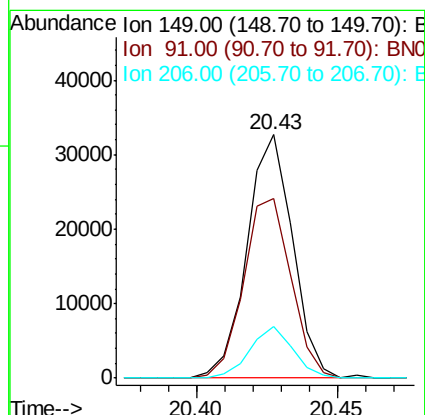
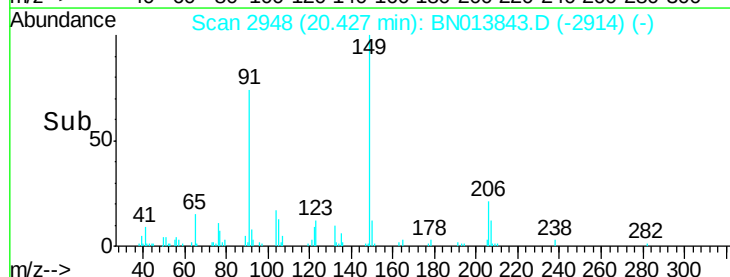
206 21.1 14.0 21.0#

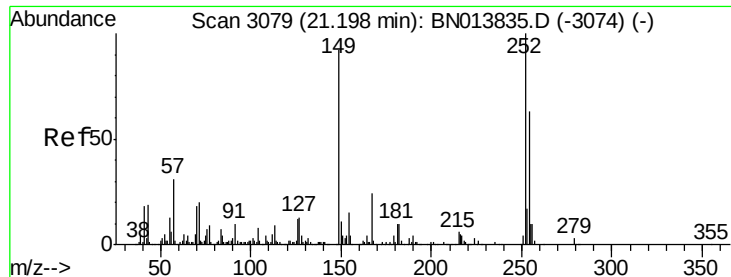


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNO

Ion 206.00 (205.70 to 206.70): E





#82

3,3'-Dichlorobenzidine

Concen: 2.297 ng/ul

RT: 21.20 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-02

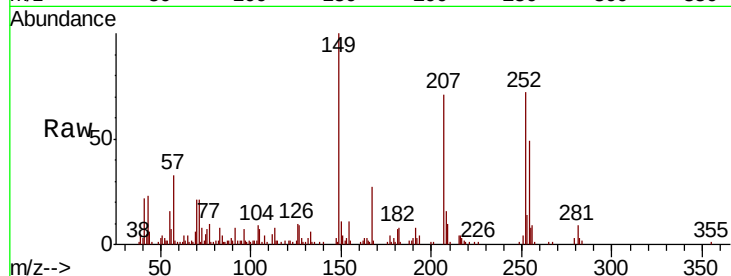
Tot Ion:252 Resp: 36486

Ion Ratio Lower Upper

252 100

254 68.8 49.2 73.8

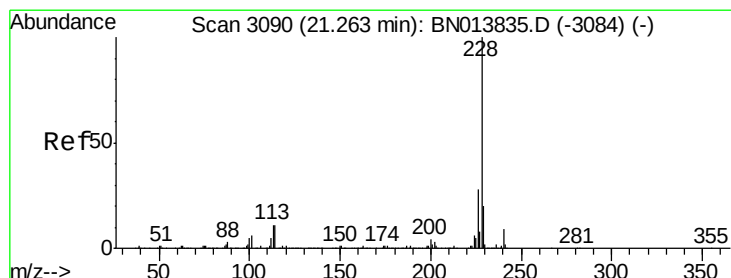
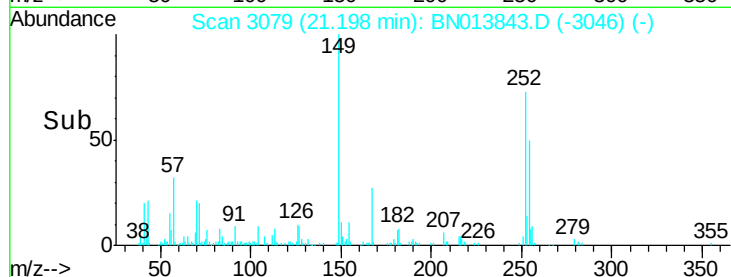
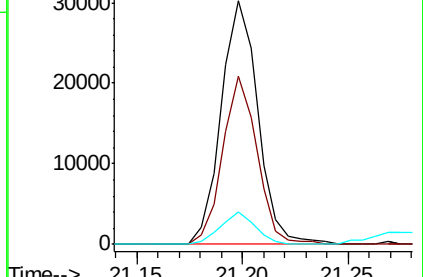
126 13.4 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Benzo(a)anthracene

Concen: 3.045 ng/ul

RT: 21.26 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

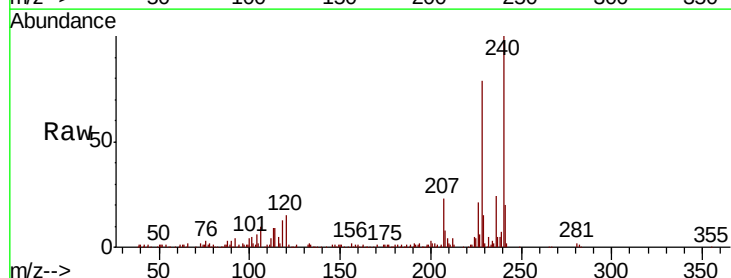
Tgt Ion:228 Resp: 158648

Ion Ratio Lower Upper

228 100

229 18.6 15.8 23.6

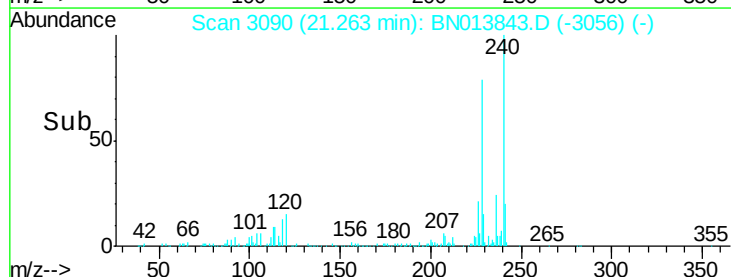
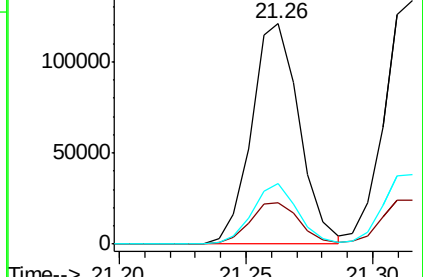
226 27.3 21.4 32.0

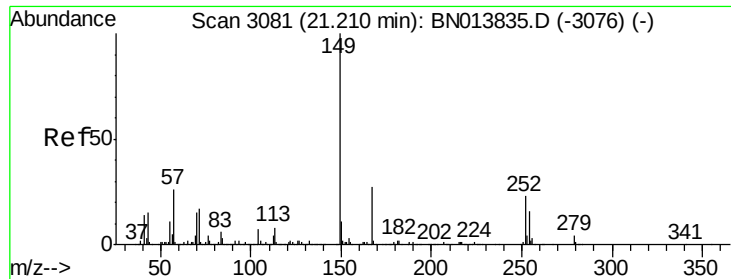


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

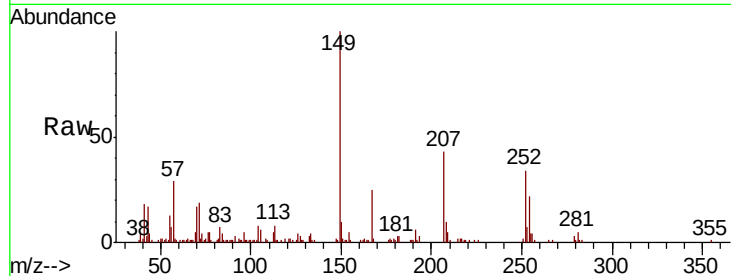




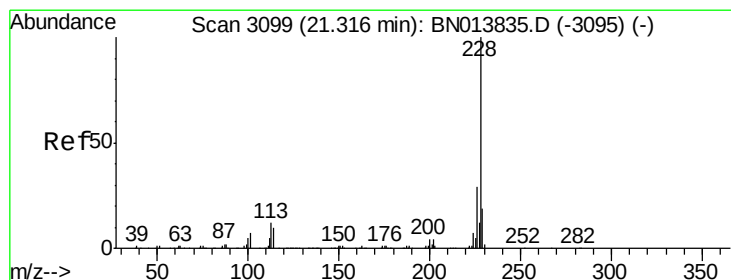
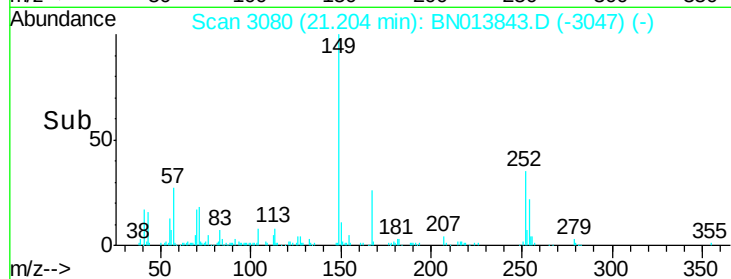
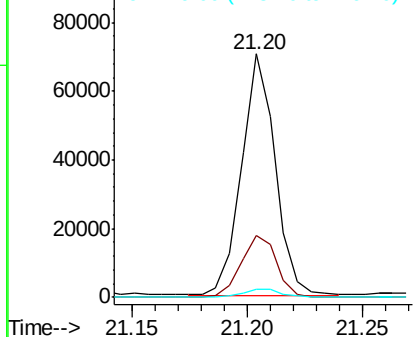
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.286 ng/ul
 RT: 21.20 min Scan# 3080
 Delta R.T. -0.01 min
 Lab File: BN013843.D
 Acq: 04 Mar 2021 21:21

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-02

Tot Ion:149 Resp: 71757
 Ion Ratio Lower Upper
 149 100
 167 25.5 21.7 32.5
 279 3.2 3.4 5.0#

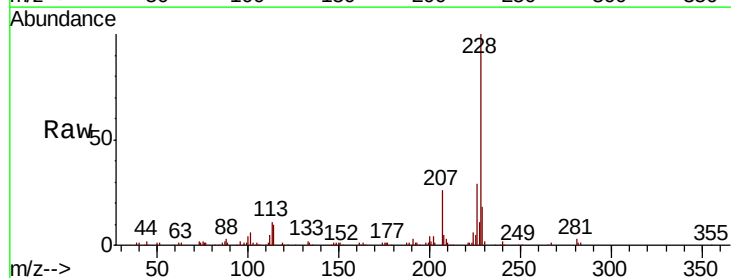


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

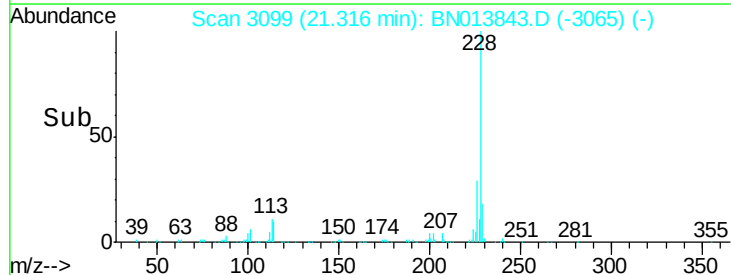
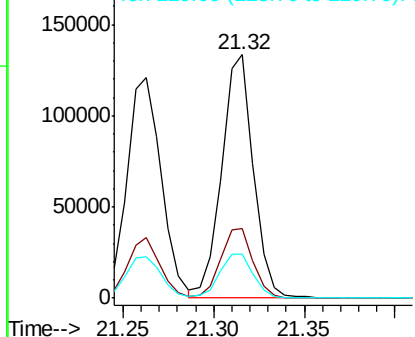


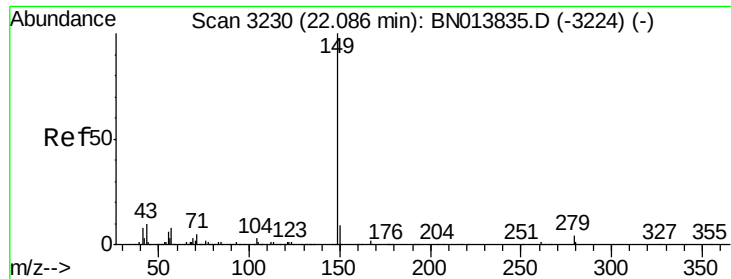
#85
 Chrysene
 Concen: 3.205 ng/ul
 RT: 21.32 min Scan# 3099
 Delta R.T. 0.00 min
 Lab File: BN013843.D
 Acq: 04 Mar 2021 21:21

Tgt Ion:228 Resp: 162532
 Ion Ratio Lower Upper
 228 100
 226 28.6 23.6 35.4
 229 18.2 14.9 22.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

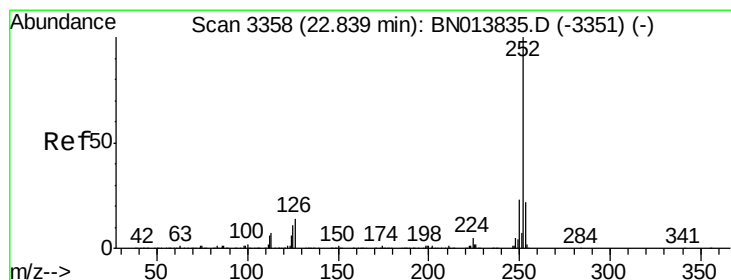
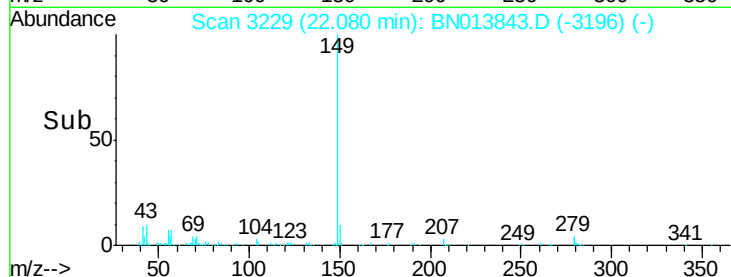
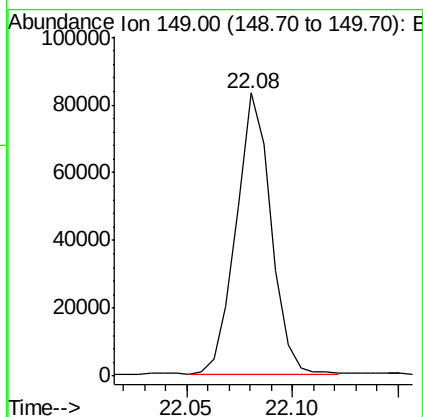
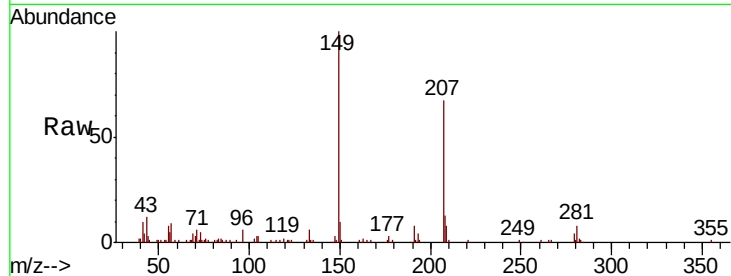




#87
Di-n-octyl phthalate
Concen: 1.799 ng/ul
RT: 22.08 min Scan# 3229
Delta R.T. -0.01 min
Lab File: BN013843.D
Acq: 04 Mar 2021 21:21

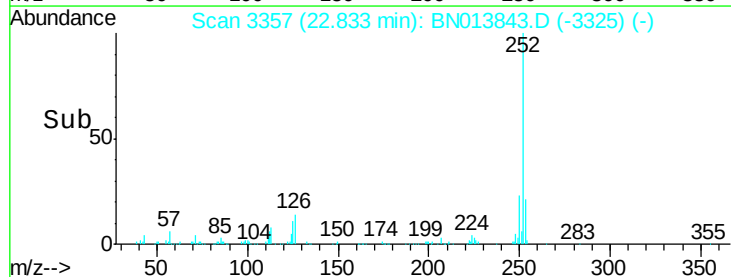
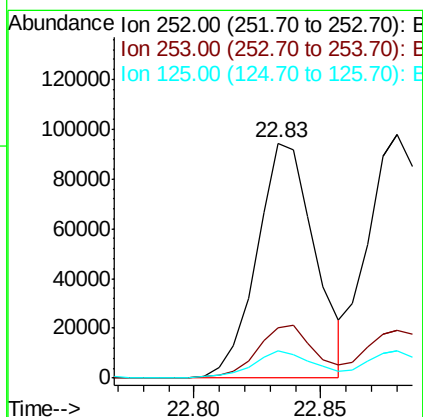
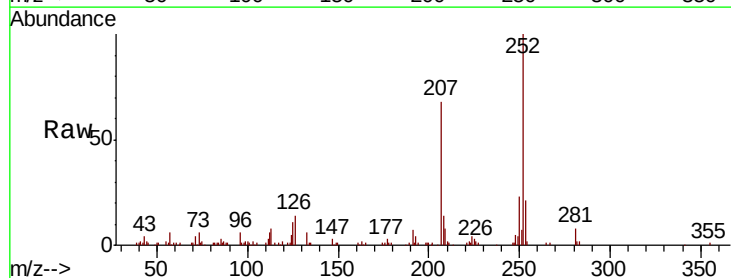
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-02

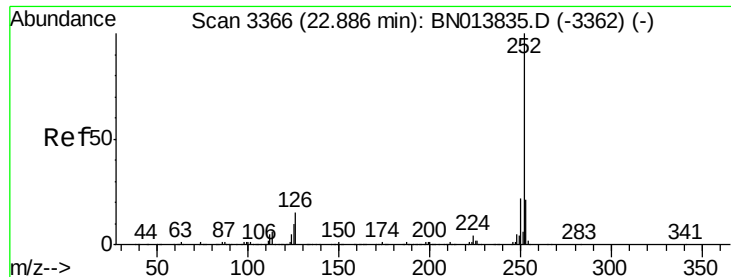
Tgt Ion:149 Resp: 93961



#88
Benzo(b)fluoranthene
Concen: 2.970 ng/ul
RT: 22.83 min Scan# 3357
Delta R.T. -0.01 min
Lab File: BN013843.D
Acq: 04 Mar 2021 21:21

Tgt Ion:252 Resp: 150879
Ion Ratio Lower Upper
252 100
253 21.5 18.6 27.8
125 11.4 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 3.099 ng/ul

RT: 22.88 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-02

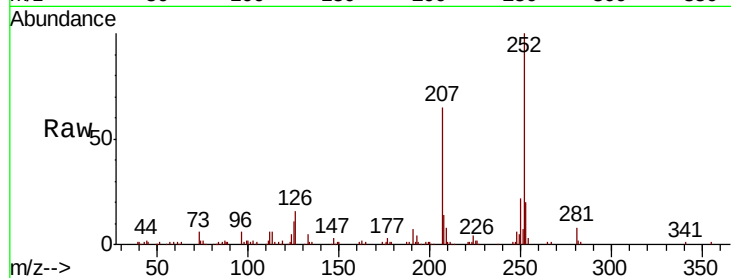
Tot Ion:252 Resp: 157929

Ion Ratio Lower Upper

252 100

253 19.8 18.1 27.1

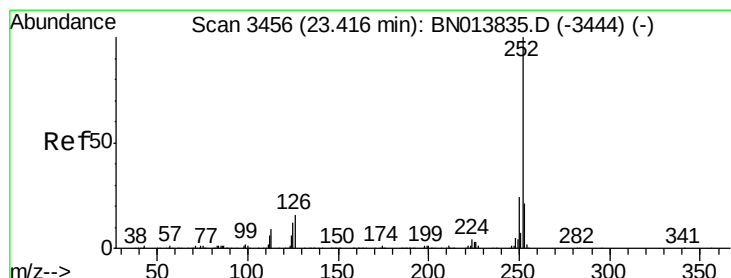
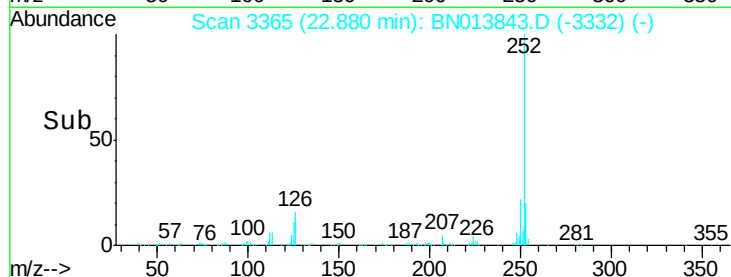
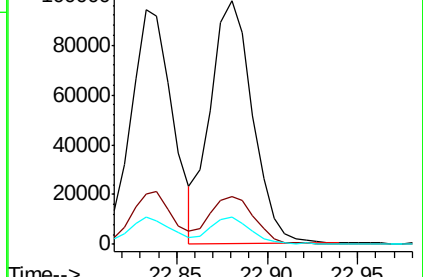
125 11.3 9.2 13.8



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



#91

Benzo(a)pyrene

Concen: 3.110 ng/ul

RT: 23.41 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

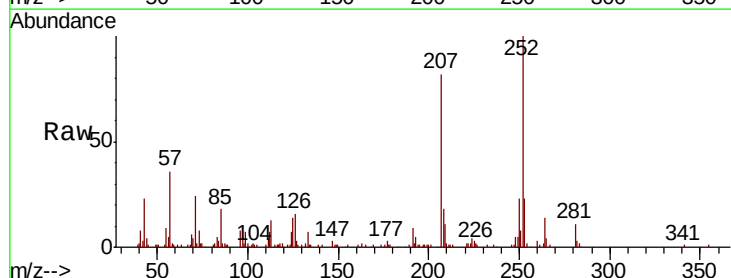
Tgt Ion:252 Resp: 143181

Ion Ratio Lower Upper

252 100

253 22.8 16.9 25.3

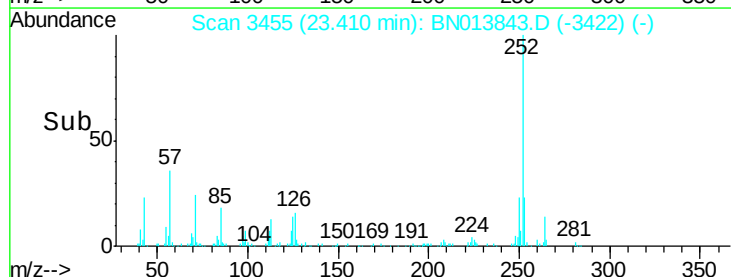
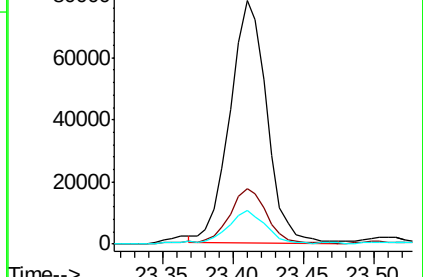
125 14.1 9.0 13.6#

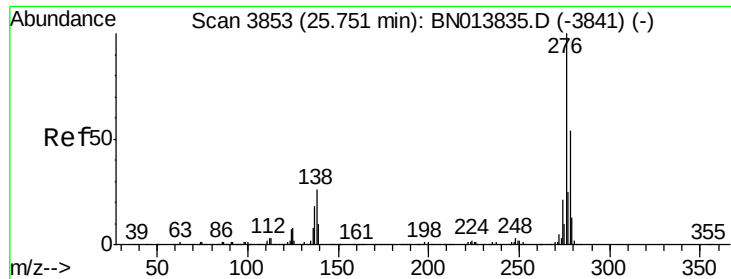


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 3.018 ng/ul

RT: 25.75 min Scan# 3853

Delta R.T. -0.01 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-02

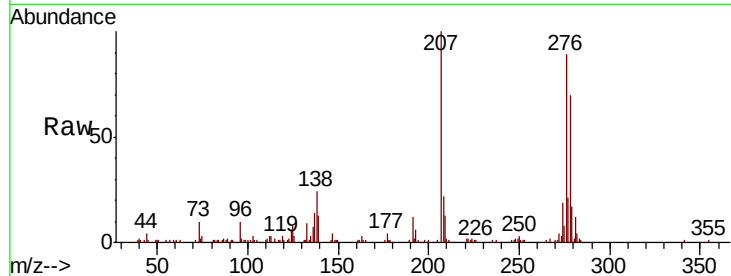
Tot Ion:276 Resp: 173648

Ion Ratio Lower Upper

276 100

138 26.6 20.3 30.5

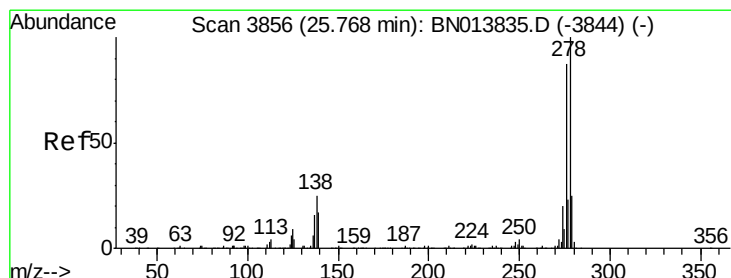
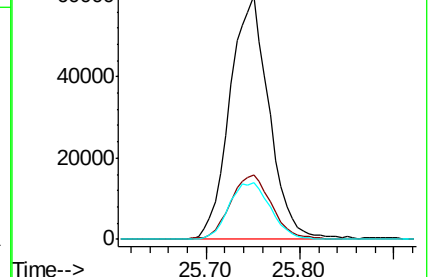
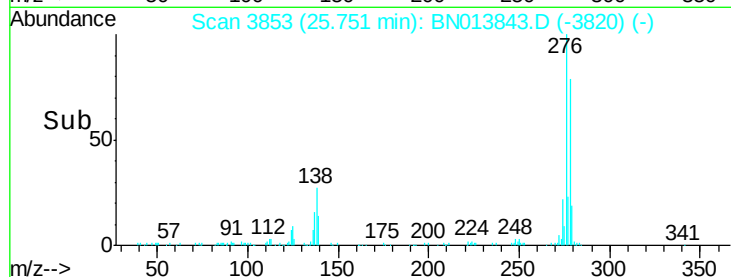
277 23.4 18.3 27.5



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



#93

Dibenzo(a,h)anthracene

Concen: 2.886 ng/ul

RT: 25.76 min Scan# 3854

Delta R.T. -0.01 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

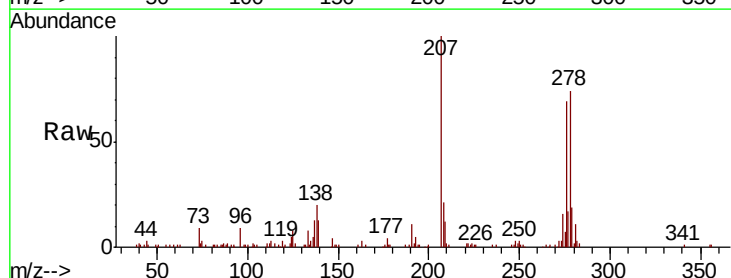
Tgt Ion:278 Resp: 141590

Ion Ratio Lower Upper

278 100

139 17.3 14.2 21.2

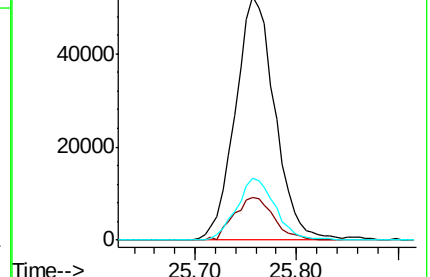
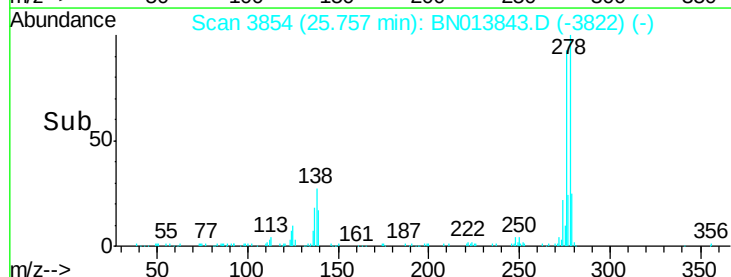
279 25.3 18.5 27.7

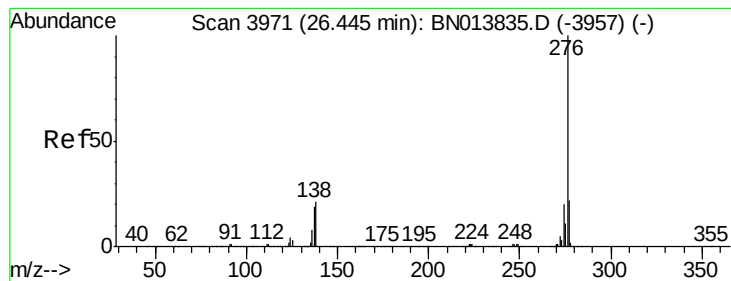


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 2.944 ng/ul

RT: 26.43 min Scan# 3968

Delta R.T. -0.02 min

Lab File: BN013843.D

Acq: 04 Mar 2021 21:21

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-02

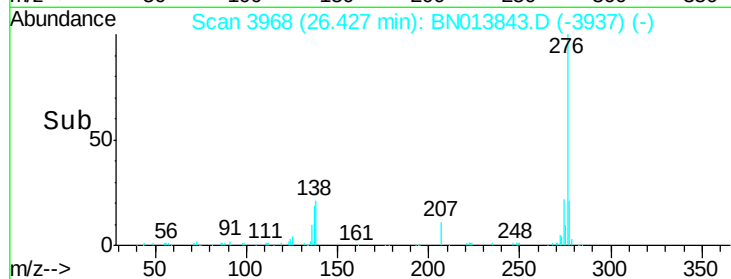
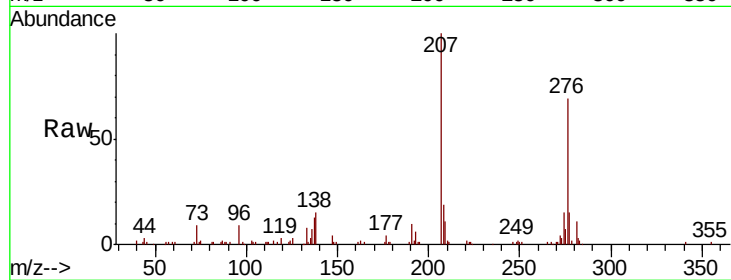
Tot Ion: 276 Resp: 142285

Ion Ratio Lower Upper

276 100

138 21.1 17.5 26.3

277 21.3 19.9 29.9



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

