

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030421\
 Data File : BN013842.D
 Acq On : 04 Mar 2021 20:45
 Operator : CG/JU
 Sample : M1534-08
 Misc : SOM-MDL-S-01
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-01

Quant Time: Mar 05 00:20:12 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	155889	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	653658	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	390370	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	809179	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	781634	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	814691	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	17661	4.50	ng/uL	0.00
5) Phenol-d5	6.89	99	414238	32.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	278632	35.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	334589	34.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	312495	32.73	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	151941	34.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	146301	35.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	295984	32.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	430687	38.11	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	895278	34.15	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1155363	33.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	148033	30.11	ng/ul	0.00
58) Fluorene-d10	15.35	176	807786	34.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	103048	27.40	ng/ul	0.00
71) Anthracene-d10	17.20	188	1222172	34.56	ng/ul	0.00
79) Pyrene-d10	19.49	212	1319830	34.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	1422455	35.07	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.25	88	3839	0.963	ng/uL# 91
4) Benzaldehyde	6.86	77	33098	5.216	ng/ul 99
6) Phenol	6.91	94	52921	3.917	ng/ul 96
8) Bis(2-Chloroethyl)ether	7.15	93	42963	4.066	ng/ul 96
10) 2-Chlorophenol	7.29	128	40592	3.952	ng/ul 97
11) 2-Methylphenol	8.16	108	33329	3.419	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.25	45	64818	4.017	ng/ul 97
14) Acetophenone	8.53	105	61528	3.911	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.52	70	29047	3.721	ng/ul 95
16) 4-Methylphenol	8.48	108	40345	3.815	ng/ul 100
17) Hexachloroethane	8.80	117	16927	3.885	ng/ul 96
20) Nitrobenzene	8.91	77	47699	3.986	ng/ul 97
21) Isophorone	9.43	82	70942	3.381	ng/ul 100
23) 2-Nitrophenol	9.62	139	19188	3.925	ng/ul 99
24) 2,4-Dimethylphenol	9.68	107	42888	3.725	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.92	93	53232	3.800	ng/ul 99
27) 2,4-Dichlorophenol	10.15	162	36373	3.872	ng/ul 88
28) Naphthalene	10.55	128	135955	4.012	ng/ul 99
30) 4-Chloroaniline	10.66	127	53418	4.549	ng/ul 100
31) Hexachlorobutadiene	10.84	225	23577	3.942	ng/ul 98
32) Caprolactam	11.43	113	6984	2.457	ng/ul 95
33) 4-Chloro-3-methylphenol	11.78	107	31275	3.267	ng/ul 99
34) 2-Methylnaphthalene	12.17	142	90332	3.902	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.39	142	87855	3.937	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	45444	3.867	ng/ul	96
38) Hexachlorocyclopentadiene	12.52	237	23459	3.352	ng/ul	98
39) 2,4,6-Trichlorophenol	12.78	196	21174	3.121	ng/ul	95
40) 2,4,5-Trichlorophenol	12.85	196	24185	3.250	ng/ul	96
41) 1,1'-Biphenyl	13.19	154	116543	3.970	ng/ul	99
42) 2-Chloronaphthalene	13.23	162	90327	3.936	ng/ul	99
43) 2-Nitroaniline	13.43	65	17090	2.872	ng/ul	94
45) Dimethylphthalate	13.82	163	108731	4.009	ng/ul	98
46) 2,6-Dinitrotoluene	13.93	165	14971	3.080	ng/ul	93
48) Acenaphthylene	14.07	152	134860	4.012	ng/ul	99
49) 3-Nitroaniline	14.26	138	16484	3.118	ng/ul	97
50) Acenaphthene	14.42	153	96347	3.929	ng/ul	97
51) 2,4-Dinitrophenol	14.46	184	5424	2.120	ng/ul	94
53) 4-Nitrophenol	14.56	109	15112	3.815	ng/ul#	85
54) Dibenzofuran	14.76	168	136240	4.031	ng/ul	97
55) 2,4-Dinitrotoluene	14.72	165	22956	3.306	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.98	232	18033	3.139	ng/ul#	93
57) Diethylphthalate	15.19	149	100101	3.693	ng/ul	97
59) Fluorene	15.40	166	111994	4.072	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.40	204	52727	3.996	ng/ul	94
61) 4-Nitroaniline	15.42	138	18384	3.036	ng/ul#	89
64) 4,6-Dinitro-2-methylphenol	15.47	198	13480	3.402	ng/ul#	68
65) N-Nitrosodiphenylamine	15.62	169	88191	3.784	ng/ul	97
66) 4-Bromophenyl-phenylether	16.30	248	29117	3.757	ng/ul	97
67) Hexachlorobenzene	16.40	284	34227	3.697	ng/ul	94
68) Atrazine	16.57	200	23043	2.862	ng/ul#	89
69) Pentachlorophenol	16.75	266	11597	2.377	ng/ul	92
70) Phenanthrene	17.14	178	174045	3.970	ng/ul	97
72) Anthracene	17.23	178	179308	4.023	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	45189	3.814	ng/uL	98
74) Pentachlorobenzene	14.67	250	42167	3.777	ng/uL	98
75) Carbazole	17.50	167	144859	3.643	ng/ul	98
76) Di-n-butylphthalate	18.07	149	132597	2.980	ng/ul	99
77) Fluoranthene	19.16	202	181291	3.740	ng/ul	98
80) Pvrene	19.52	202	207423	4.121	ng/ul	98
81) Butylbenzylphthalate	20.43	149	44904	2.592	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.20	252	47538	3.241	ng/ul	98
83) Benzo(a)anthracene	21.26	228	187070	3.888	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.20	149	90117	3.108	ng/ul	98
85) Chrysene	21.31	228	189717	4.051	ng/ul	98
87) Di-n-octyl phthalate	22.08	149	120088	2.359	ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	180387	3.645	ng/ul	94
89) Benzo(k)fluoranthene	22.88	252	193366	3.894	ng/ul	98
91) Benzo(a)pyrene	23.41	252	175005	3.901	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.75	276	202453	3.611	ng/ul#	92
93) Dibenzo(a,h)anthracene	25.76	278	172655	3.612	ng/ul	99
94) Benzo(a,h,i)perylene	26.43	276	168809	3.585	ng/ul	99

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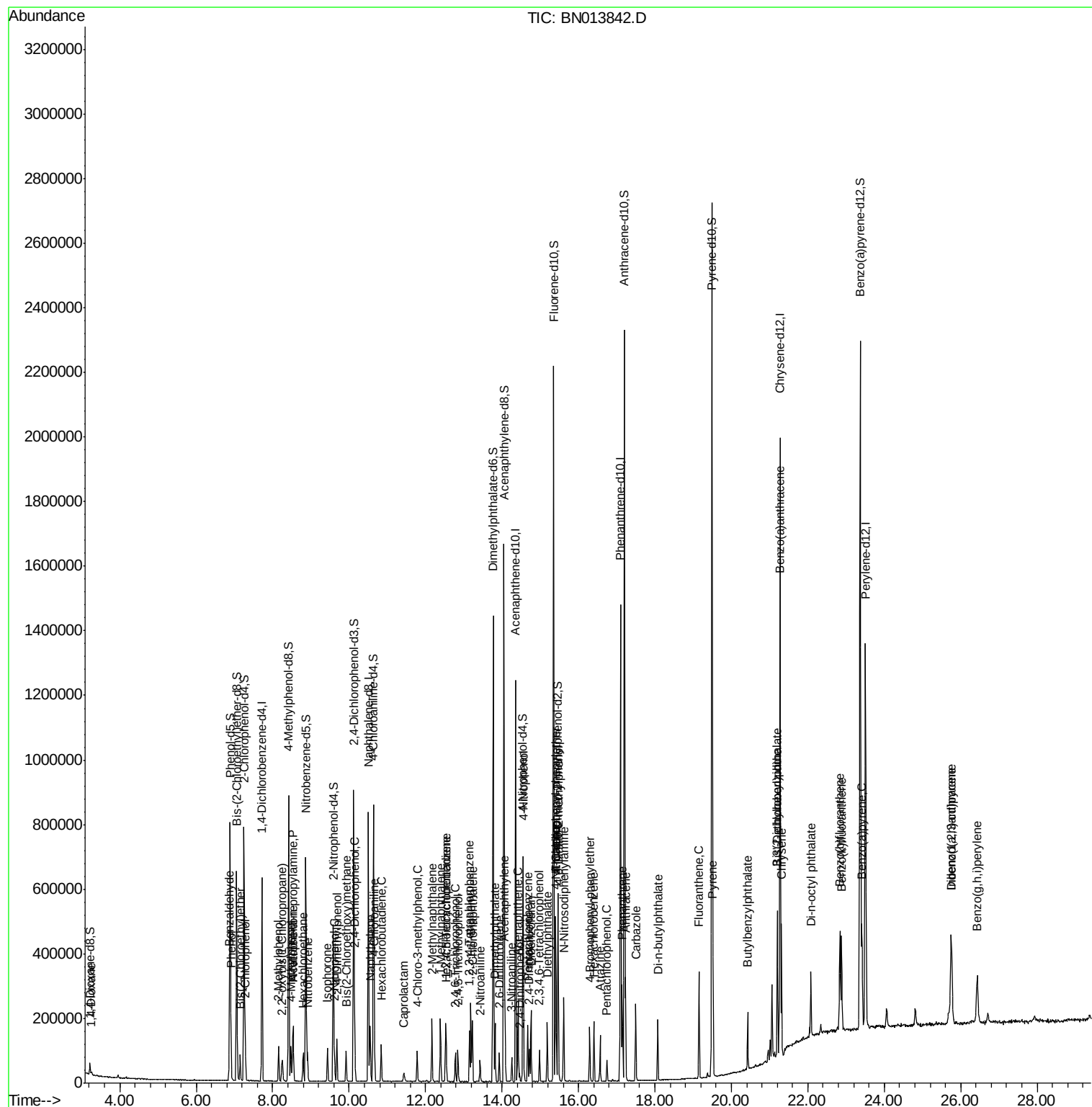
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

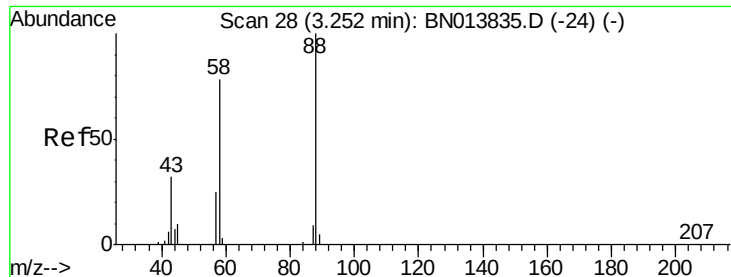
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#2

1,4-Dioxane

Concen: 0.963 ng/uL

RT: 3.25 min Scan# 28

Delta R.T. -0.01 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-01

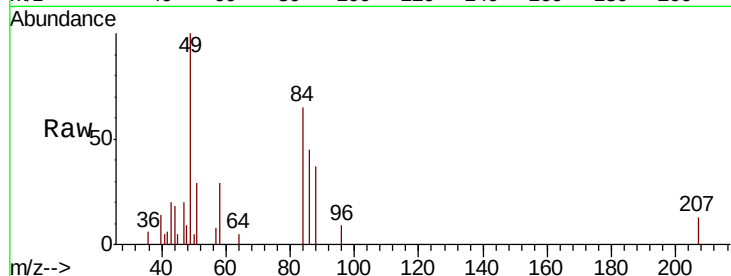
Tot Ion: 88 Resp: 3839

Ion Ratio Lower Upper

88 100

43 55.1 31.3 46.9#

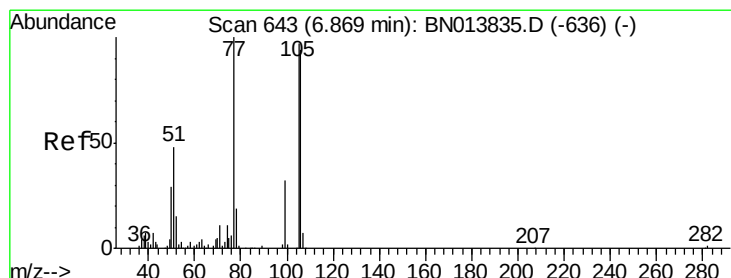
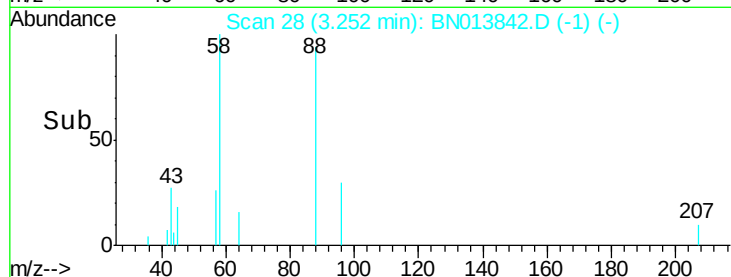
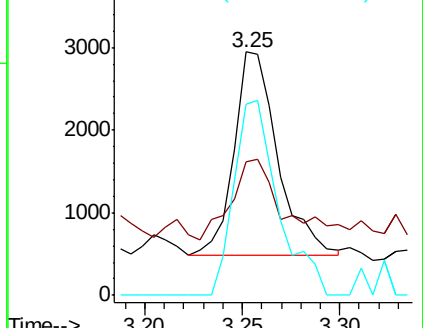
58 78.7 62.7 94.1



Abundance Ion 88.00 (87.70 to 88.70): BN013835.D (-24) (-)

Ion 43.00 (42.70 to 43.70): BN013835.D (-24) (-)

Ion 58.00 (57.70 to 58.70): BN013835.D (-24) (-)



#4

Benzaldehyde

Concen: 5.216 ng/uL

RT: 6.86 min Scan# 642

Delta R.T. -0.01 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

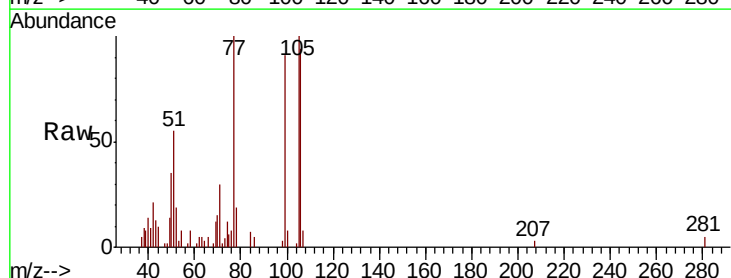
Tgt Ion: 77 Resp: 33098

Ion Ratio Lower Upper

77 100

105 99.6 78.7 118.1

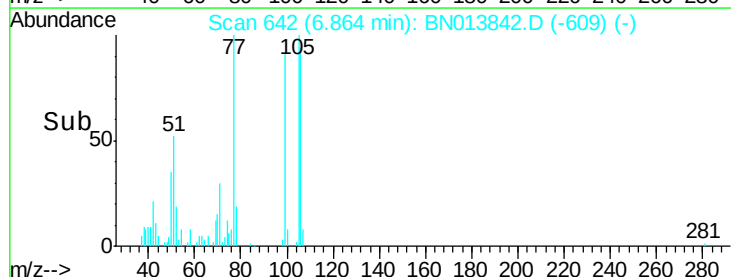
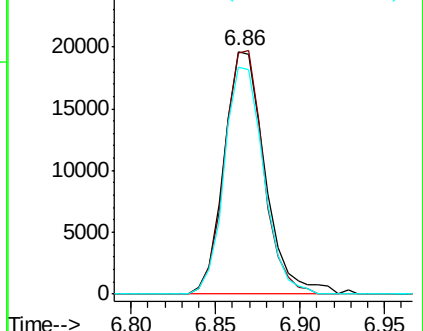
106 93.5 75.8 113.6

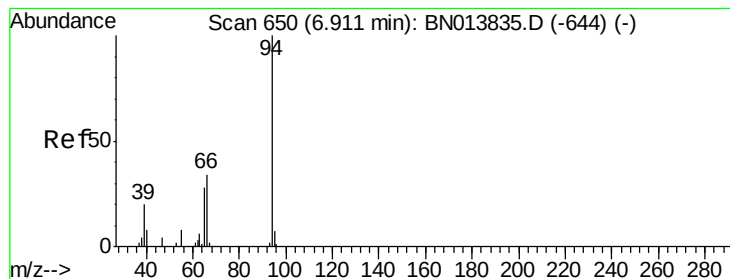


Abundance Ion 77.00 (76.70 to 77.70): BN013835.D (-636) (-)

Ion 105.00 (104.70 to 105.70): BN013835.D (-636) (-)

Ion 106.00 (105.70 to 106.70): BN013835.D (-636) (-)





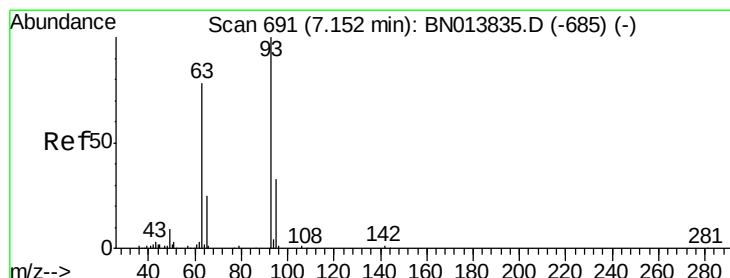
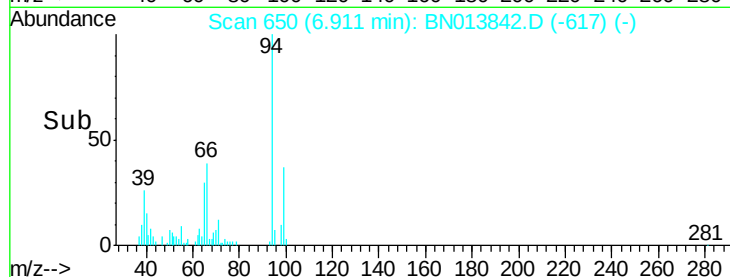
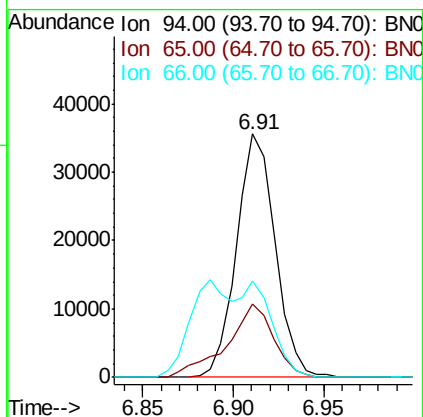
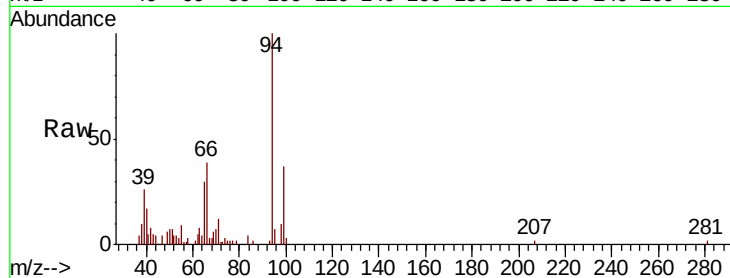
#6

Phenol

Concen: 3.917 ng/ul
 RT: 6.91 min Scan# 650
 Delta R.T. -0.01 min
 Lab File: BN013842.D
 Acq: 04 Mar 2021 20:45

Instrument :
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 MDL-SOIL-01

Tot Ion: 94 Resp: 52921
 Ion Ratio Lower Upper
 94 100
 65 29.9 23.1 34.7
 66 39.4 29.1 43.7

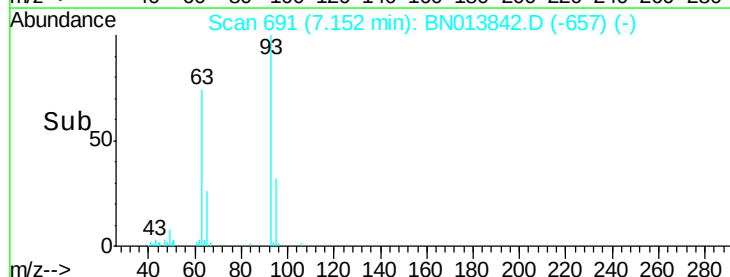
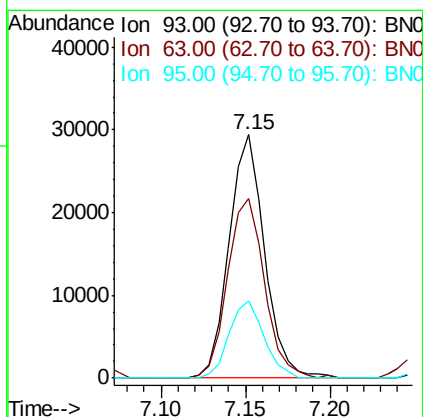
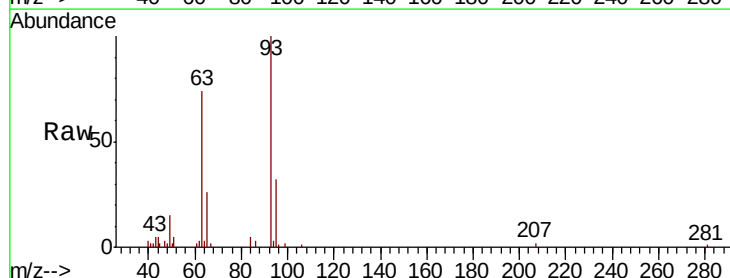


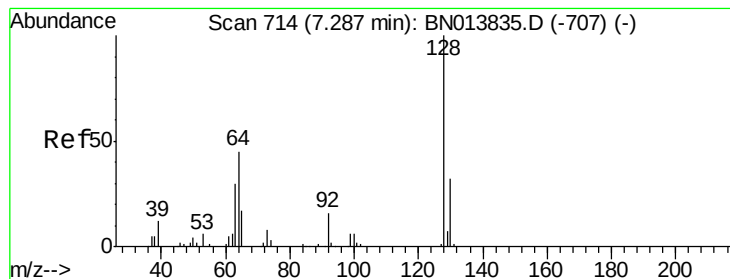
#8

Bis(2-Chloroethyl)ether

Concen: 4.066 ng/ul
 RT: 7.15 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BN013842.D
 Acq: 04 Mar 2021 20:45

Tgt Ion: 93 Resp: 42963
 Ion Ratio Lower Upper
 93 100
 63 74.0 63.1 94.7
 95 31.8 26.2 39.2





#10

2-Chlorophenol

Concen: 3.952 ng/ul

RT: 7.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-01

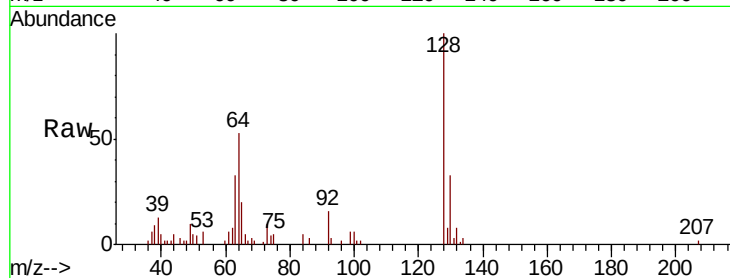
Tot Ion:128 Resp: 40592

Ion Ratio Lower Upper

128 100

64 52.6 40.1 60.1

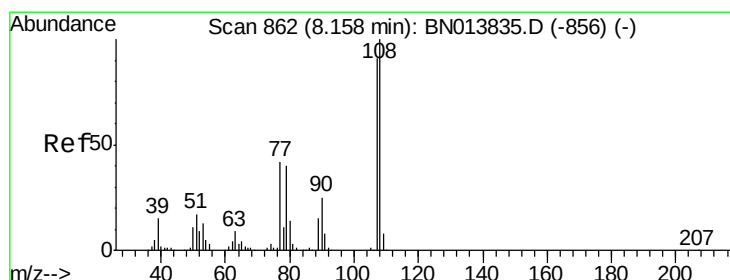
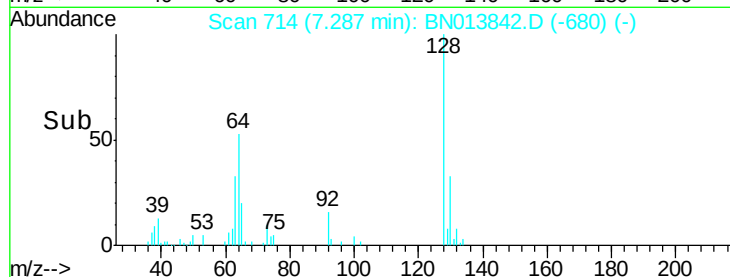
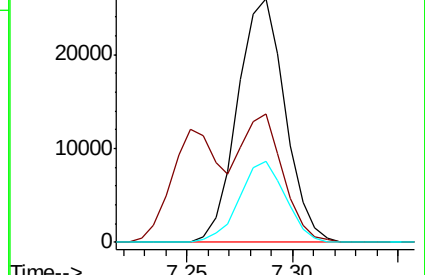
130 33.1 25.9 38.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BNO

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 3.419 ng/ul

RT: 8.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BN013842.D

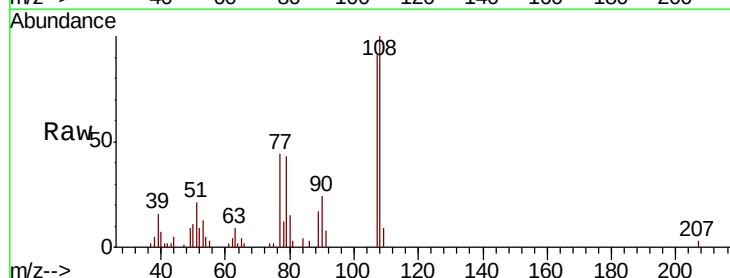
Acq: 04 Mar 2021 20:45

Tgt Ion:108 Resp: 33329

Ion Ratio Lower Upper

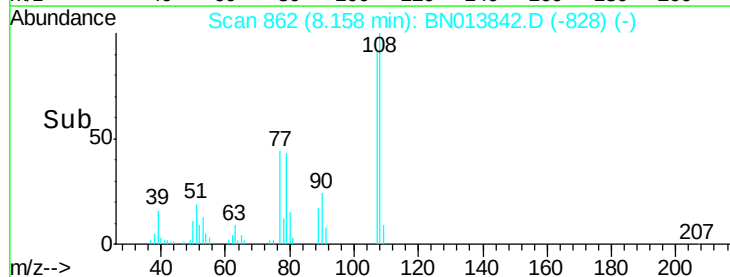
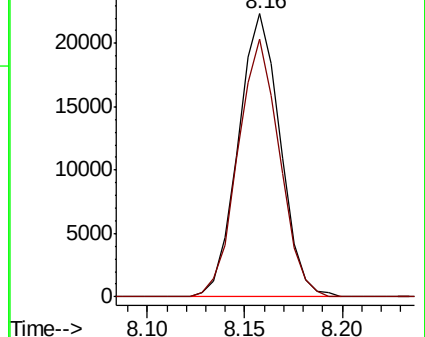
108 100

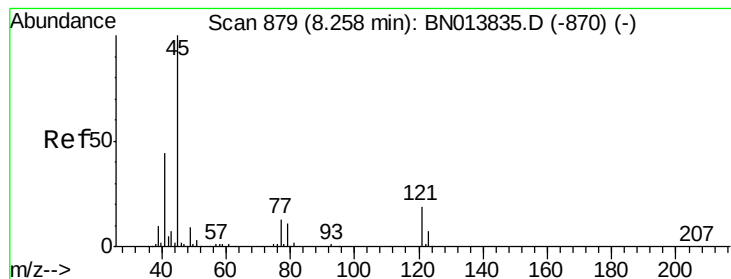
107 91.0 70.3 105.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#12

2,2'-oxybis(1-Chloropropane)

Concen: 4.017 ng/ul

RT: 8.25 min Scan# 877

Delta R.T. -0.01 min

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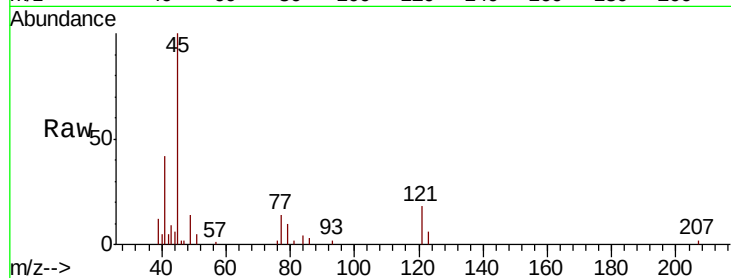
Tot Ion: 45 Resp: 64818

Ion Ratio Lower Upper

45 100

77 13.7 9.8 14.8

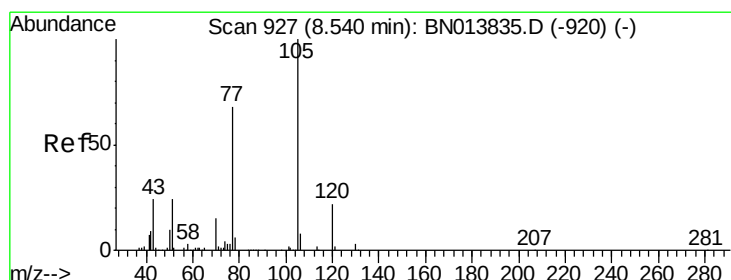
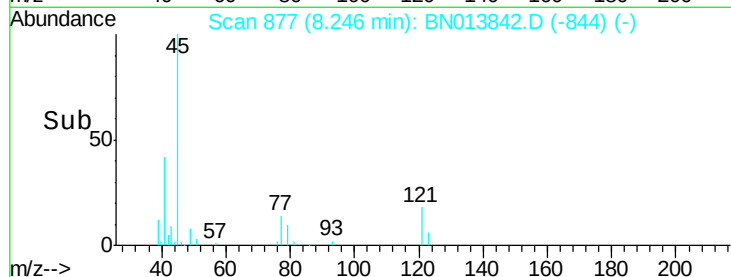
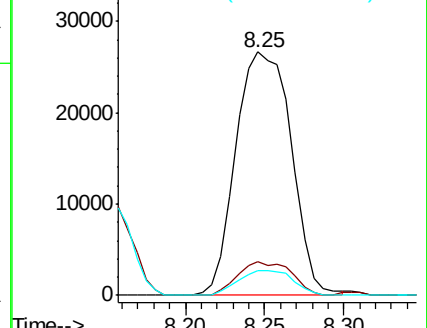
79 10.4 7.5 11.3



Abundance Ion 45.00 (44.70 to 45.70): BN013835.D (-870) (-)

Ion 77.00 (76.70 to 77.70): BN013835.D (-870) (-)

Ion 79.00 (78.70 to 79.70): BN013835.D (-870) (-)



#14

Acetophenone

Concen: 3.911 ng/ul

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

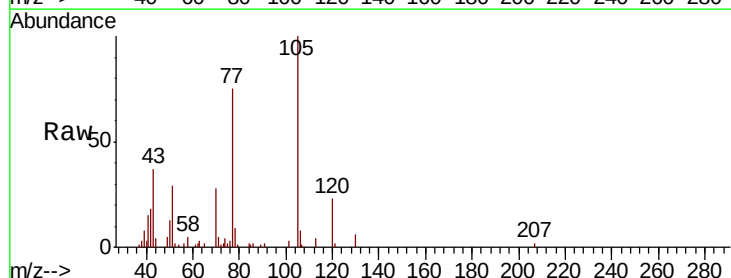
Tgt Ion: 105 Resp: 61528

Ion Ratio Lower Upper

105 100

77 75.3 62.0 93.0

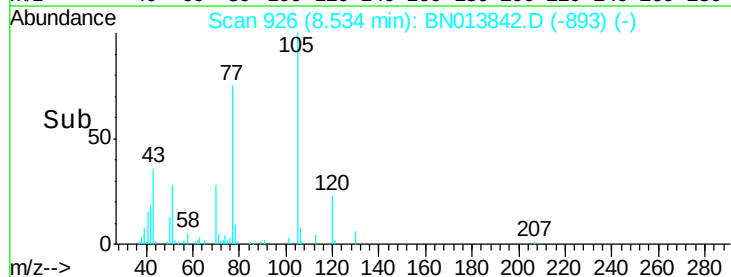
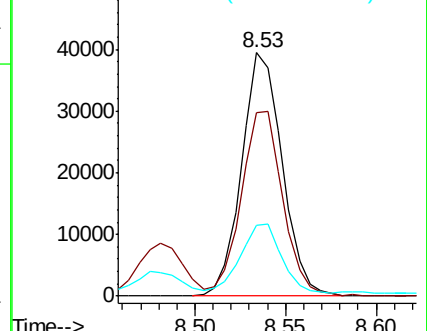
51 29.1 23.7 35.5

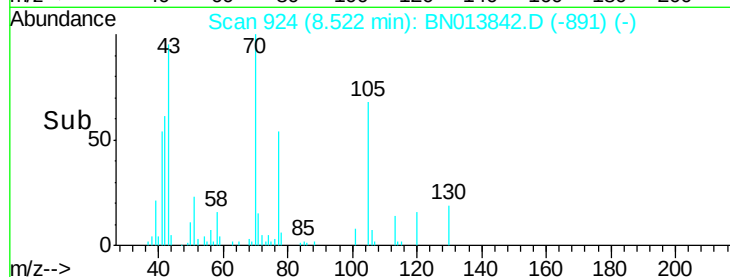
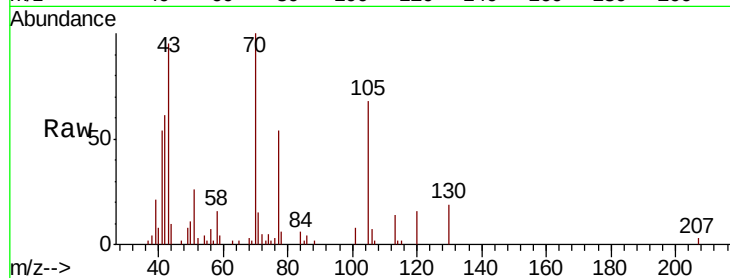
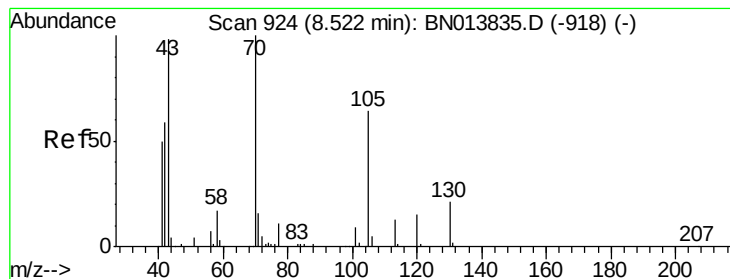


Abundance Ion 105.00 (104.70 to 105.70): BN013835.D (-920) (-)

Ion 77.00 (76.70 to 77.70): BN013835.D (-920) (-)

Ion 51.00 (50.70 to 51.70): BN013835.D (-920) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 3.721 ng/ul

RT: 8.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-01

Tot Ion: 70 Resp: 29047

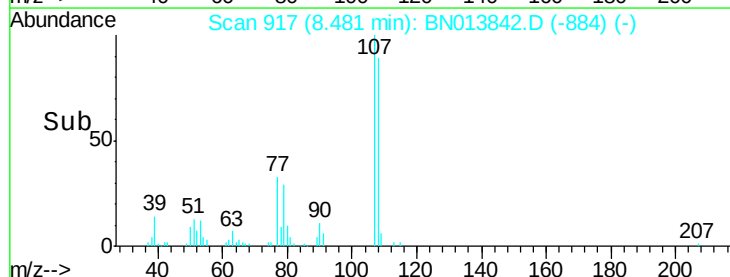
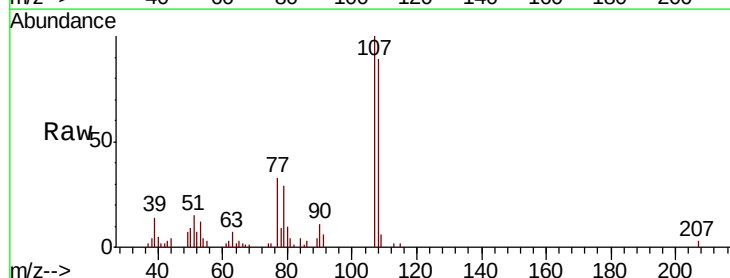
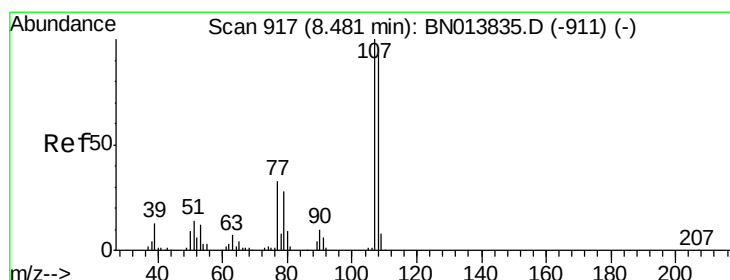
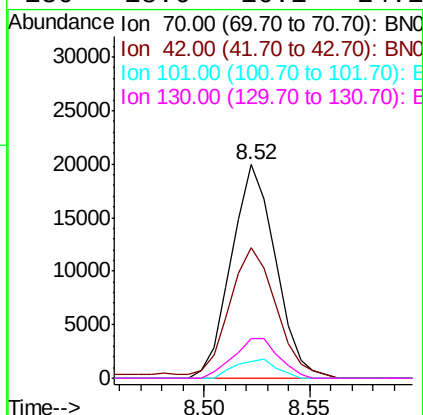
Ion Ratio Lower Upper

70 100

42 61.4 52.4 78.6

101 8.1 7.6 11.4

130 18.6 16.1 24.1



#16

4-Methylphenol

Concen: 3.815 ng/ul

RT: 8.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BN013842.D

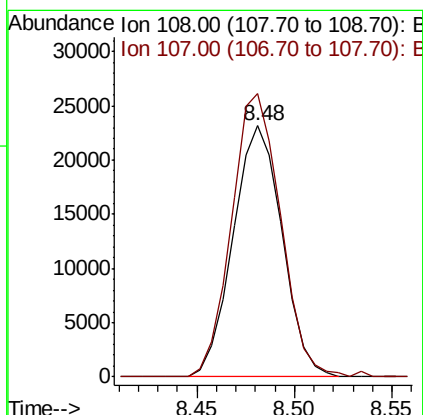
Acq: 04 Mar 2021 20:45

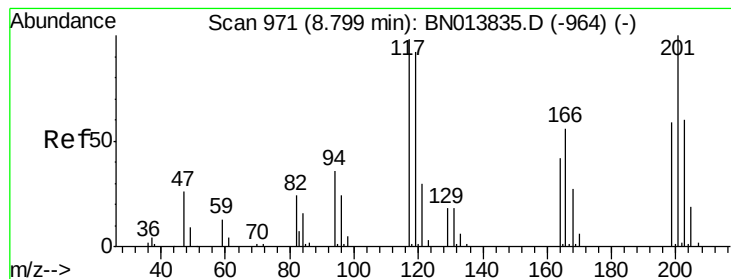
Tgt Ion: 108 Resp: 40345

Ion Ratio Lower Upper

108 100

107 112.7 89.9 134.9





#17

Hexachloroethane

Concen: 3.885 ng/ul

RT: 8.80 min Scan# 971

Delta R.T. 0.00 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-01

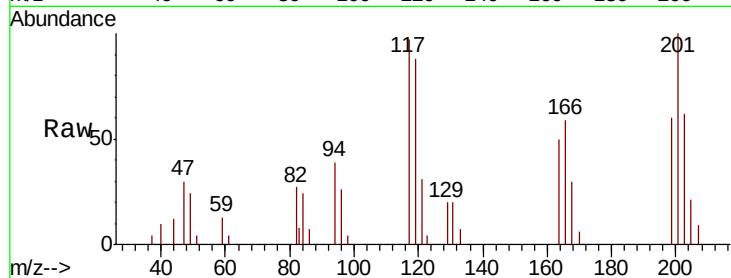
Tot Ion:117 Resp: 16927

Ion Ratio Lower Upper

117 100

201 102.7 77.8 116.6

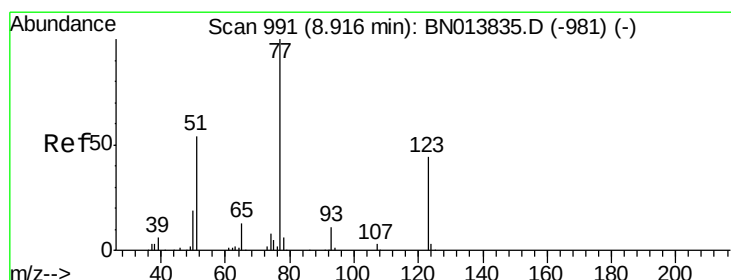
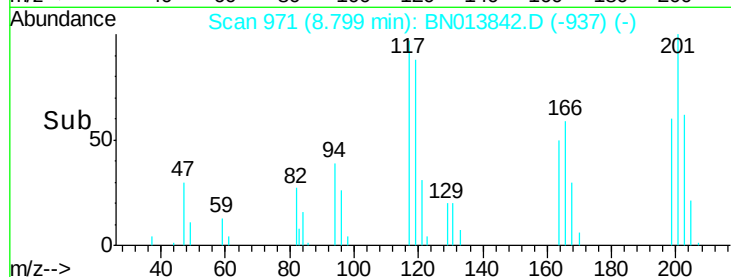
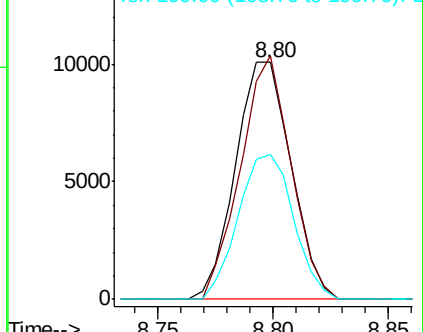
199 61.2 49.6 74.4



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: 3.986 ng/ul

RT: 8.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

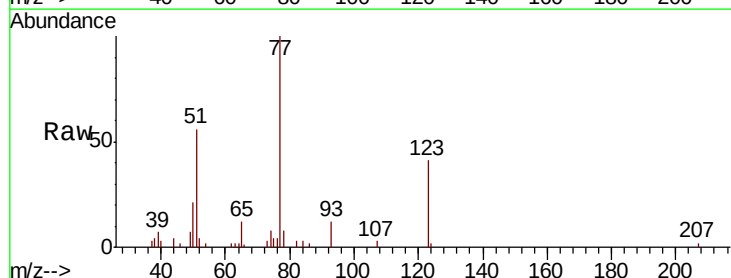
Tgt Ion: 77 Resp: 47699

Ion Ratio Lower Upper

77 100

123 41.4 34.7 52.1

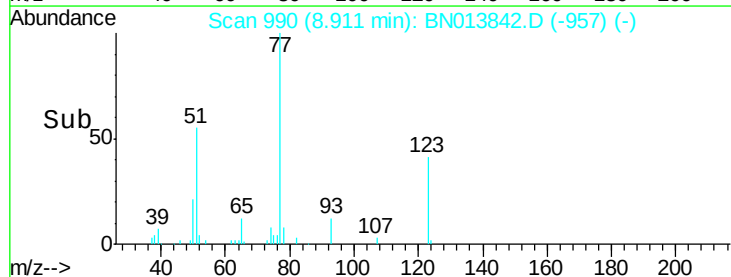
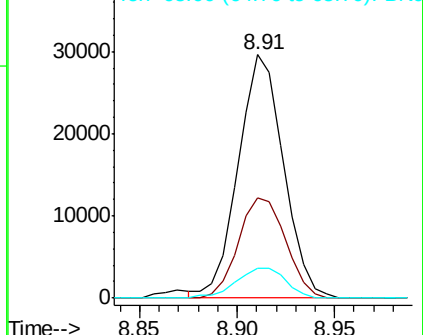
65 12.0 11.0 16.4

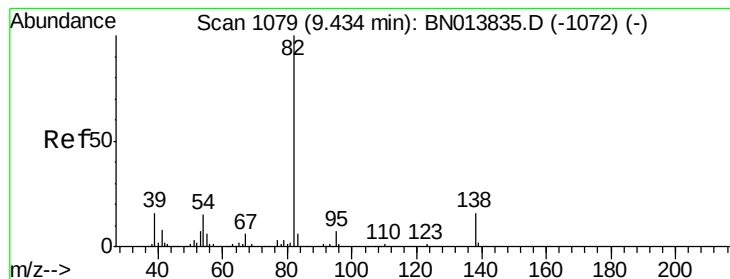


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BNC





#21

Isophorone

Concen: 3.381 ng/ul

RT: 9.43 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-01

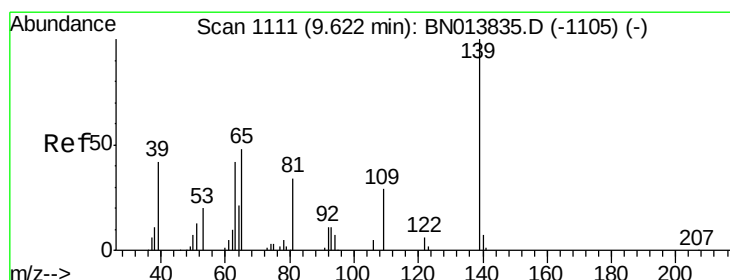
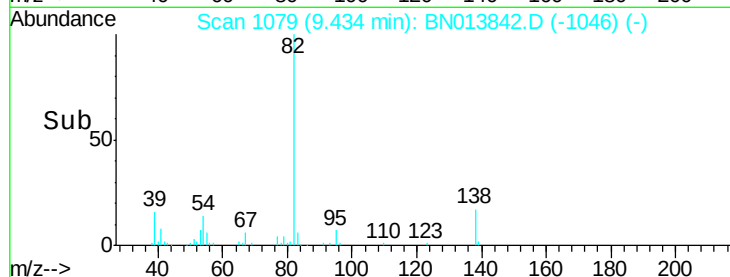
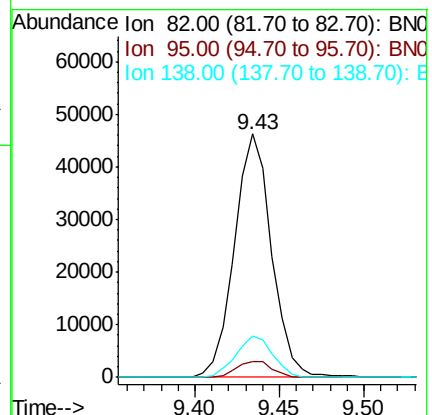
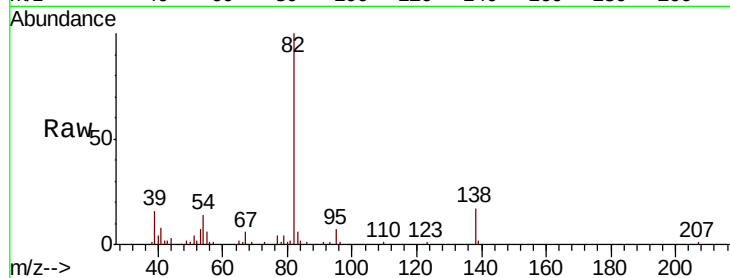
Tot Ion: 82 Resp: 70942

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 17.2 13.8 20.6



#23

2-Nitrophenol

Concen: 3.925 ng/ul

RT: 9.62 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

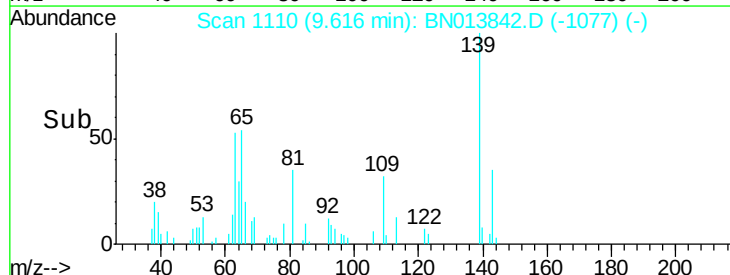
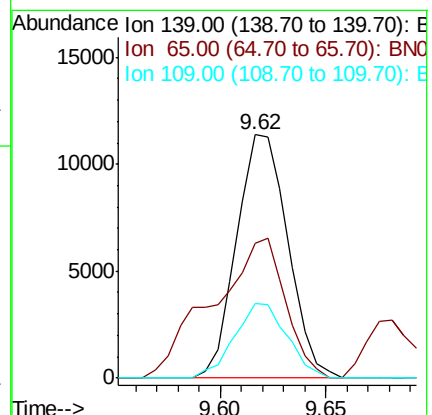
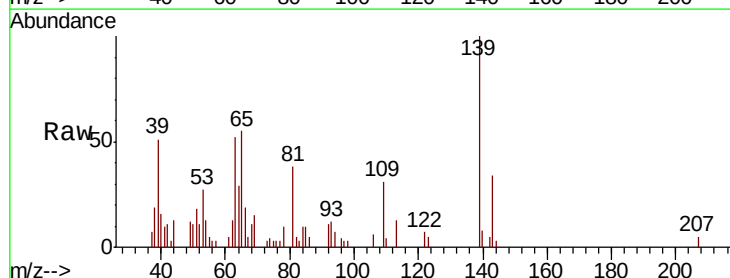
Tgt Ion: 139 Resp: 19188

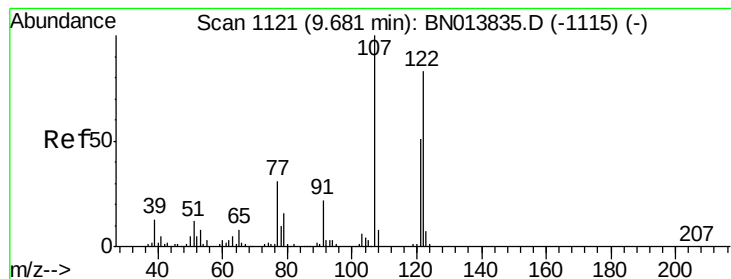
Ion Ratio Lower Upper

139 100

65 55.5 43.9 65.9

109 30.5 24.2 36.4





#24

2,4-Dimethylphenol

Concen: 3.725 ng/ul

RT: 9.68 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-01

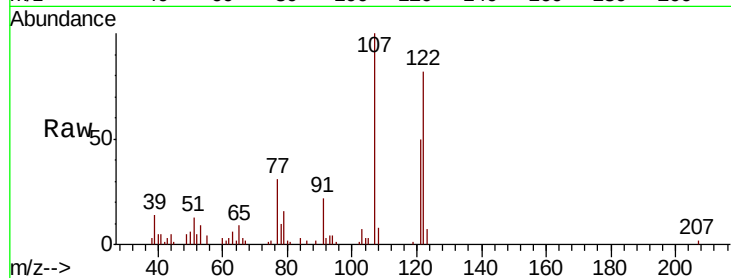
Tot Ion:107 Resp: 42888

Ion Ratio Lower Upper

107 100

121 49.7 40.6 61.0

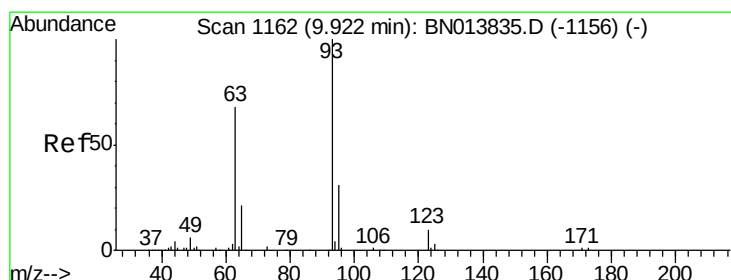
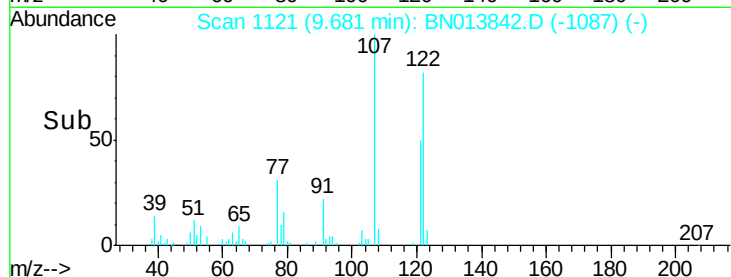
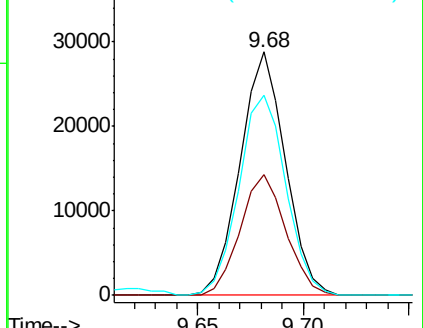
122 82.1 67.0 100.6



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: 3.800 ng/ul

RT: 9.92 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

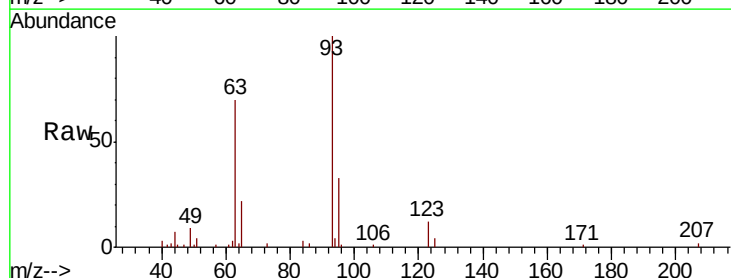
Tgt Ion: 93 Resp: 53232

Ion Ratio Lower Upper

93 100

95 33.2 26.2 39.2

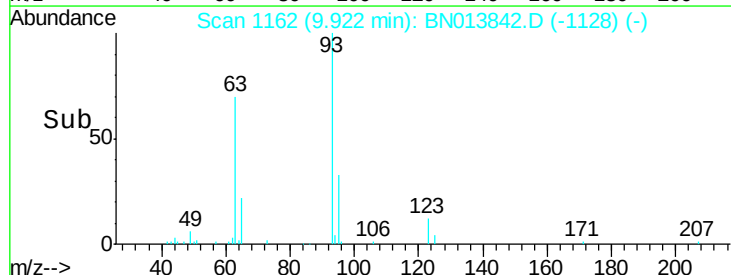
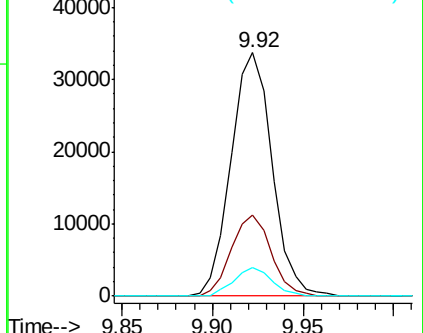
123 11.7 8.7 13.1

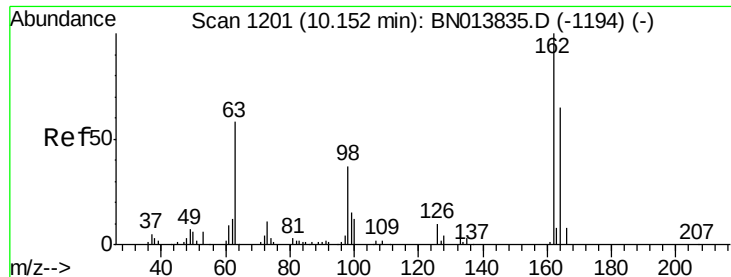


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

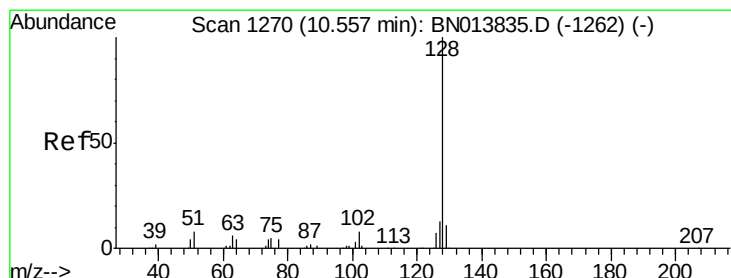
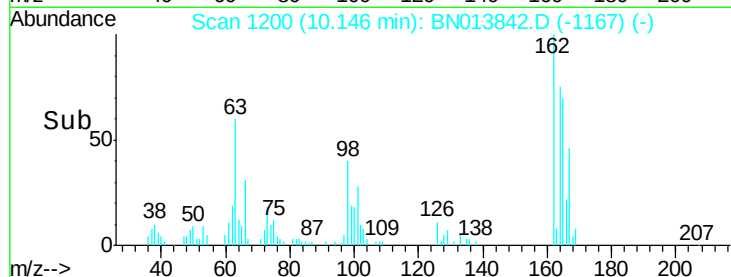
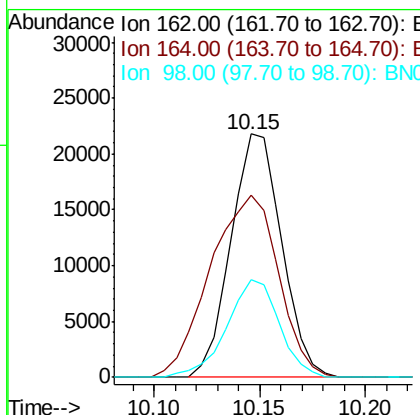
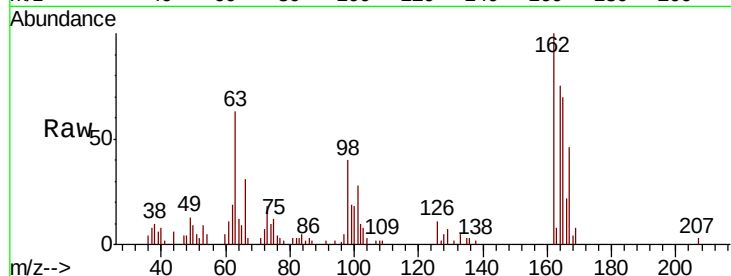




#27
2,4-Dichlorophenol
Concen: 3.872 ng/ul
RT: 10.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BN013842.D
Acq: 04 Mar 2021 20:45

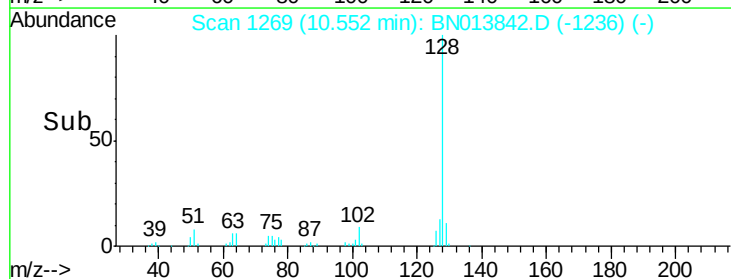
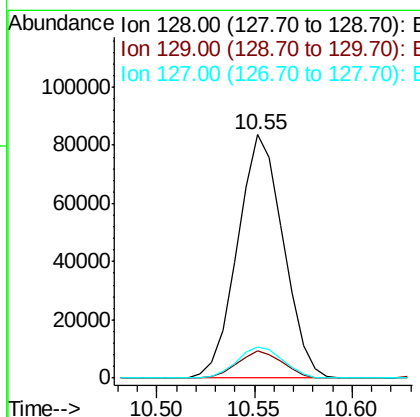
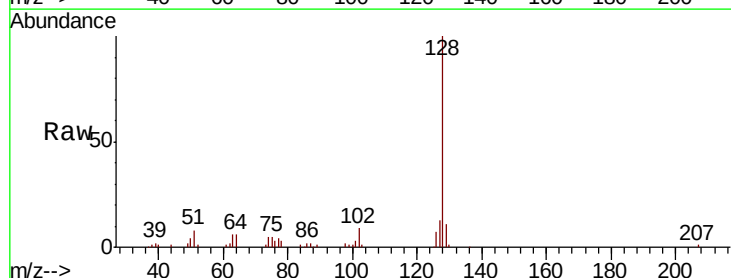
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-01

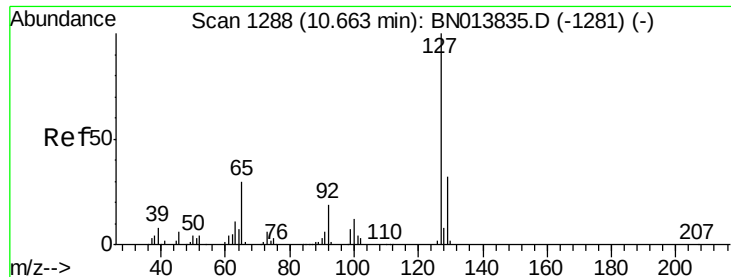
Tot Ion	Ratio	Lower	Upper
162	100		
164	74.9	51.0	76.6
98	39.9	28.6	43.0



#28
Naphthalene
Concen: 4.012 ng/ul
RT: 10.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BN013842.D
Acq: 04 Mar 2021 20:45

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	12.7	10.6	16.0

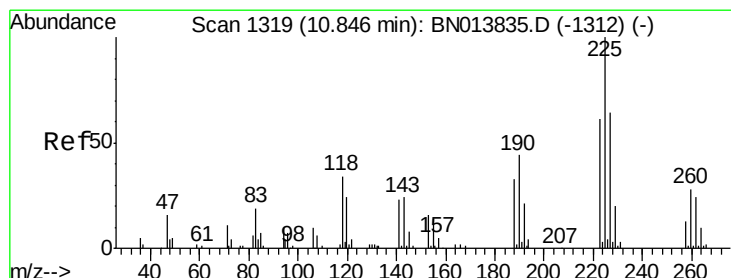
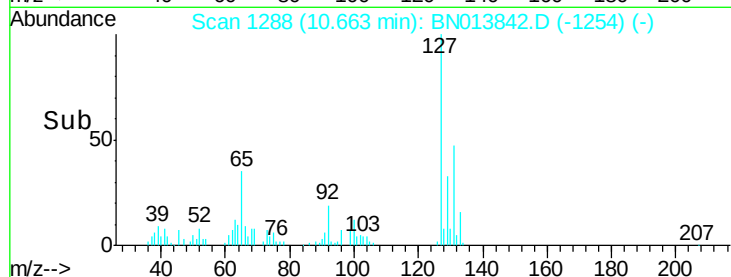
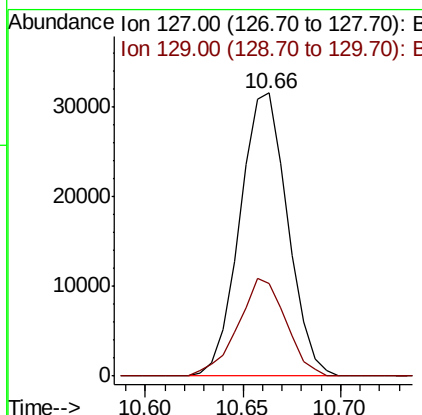
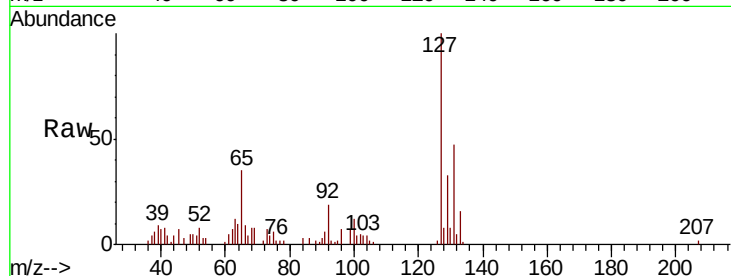




#30
4-Chloroaniline
Concen: 4.549 ng/ul
RT: 10.66 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BN013842.D
Acq: 04 Mar 2021 20:45

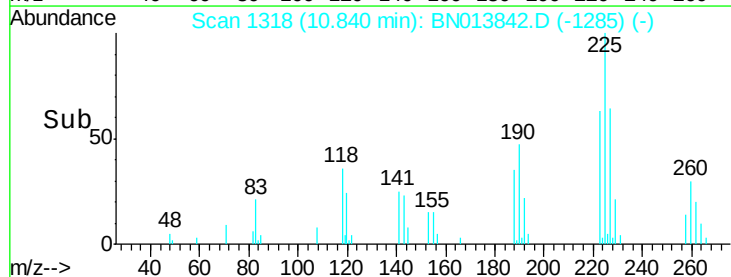
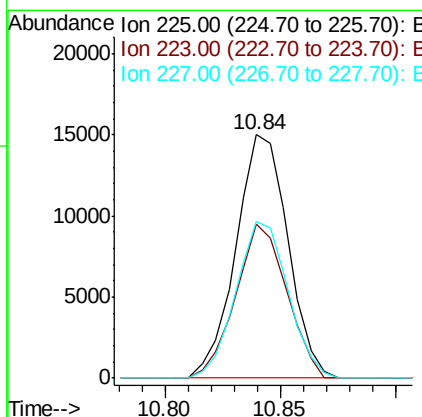
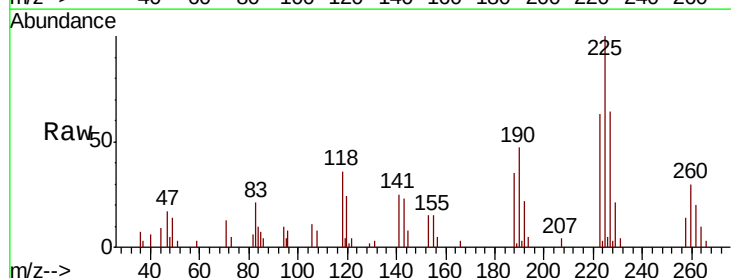
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-01

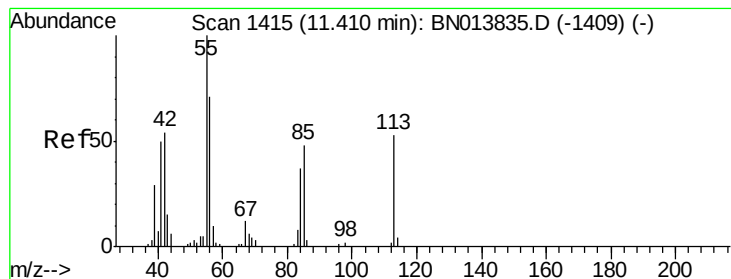
Tot Ion:127 Resp: 53418
Ion Ratio Lower Upper
127 100
129 32.8 26.4 39.6



#31
Hexachlorobutadiene
Concen: 3.942 ng/ul
RT: 10.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BN013842.D
Acq: 04 Mar 2021 20:45

Tgt Ion:225 Resp: 23577
Ion Ratio Lower Upper
225 100
223 65.8 50.6 76.0
227 64.4 51.0 76.4





#32

Caprolactam

Concen: 2.457 ng/ul

RT: 11.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-01

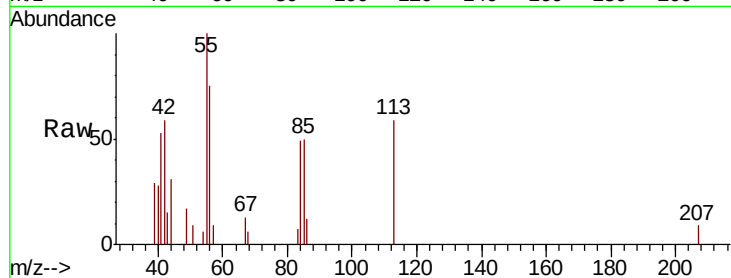
Tot Ion:113 Resp: 6984

Ion Ratio Lower Upper

113 100

55 170.5 145.6 218.4

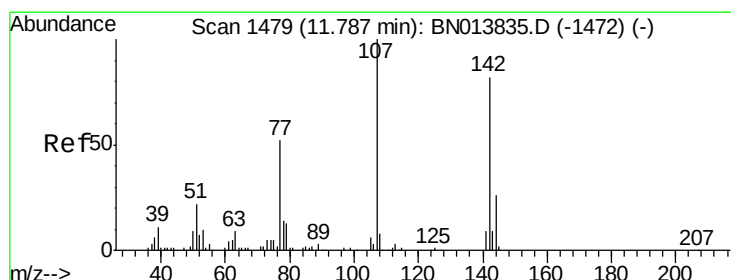
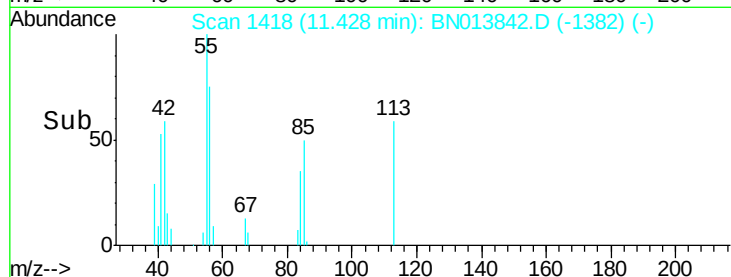
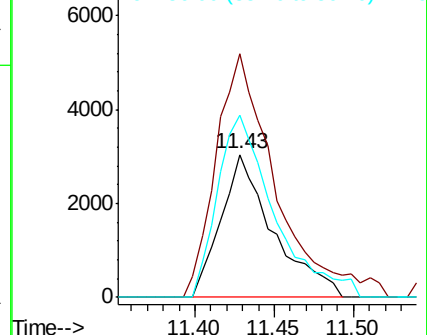
56 127.2 103.3 154.9



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: 3.267 ng/ul

RT: 11.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

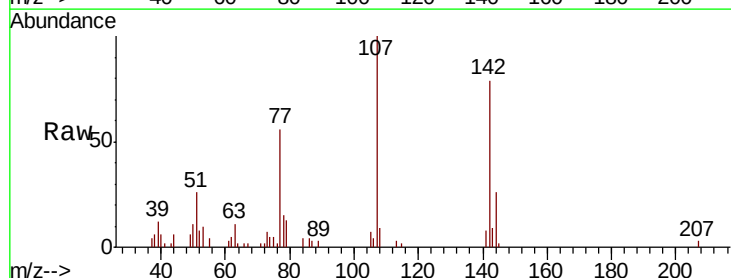
Tgt Ion:107 Resp: 31275

Ion Ratio Lower Upper

107 100

144 26.0 21.6 32.4

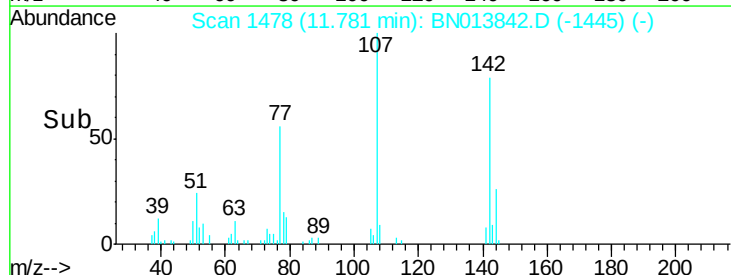
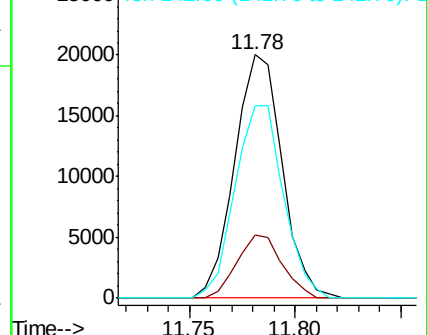
142 79.1 64.0 96.0

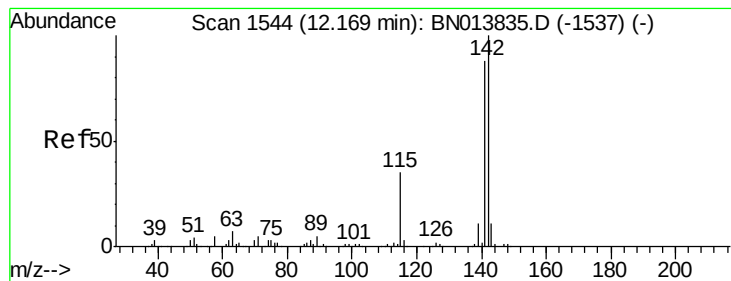


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 3.902 ng/ul

RT: 12.17 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

Instrument :

BNA_N

ClientSampleId :

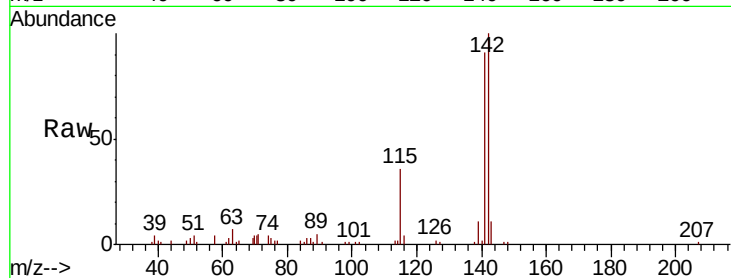
MDL-SOIL-01

Tot Ion:142 Resp: 90332

Ion Ratio Lower Upper

142 100

141 90.5 72.5 108.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

60000

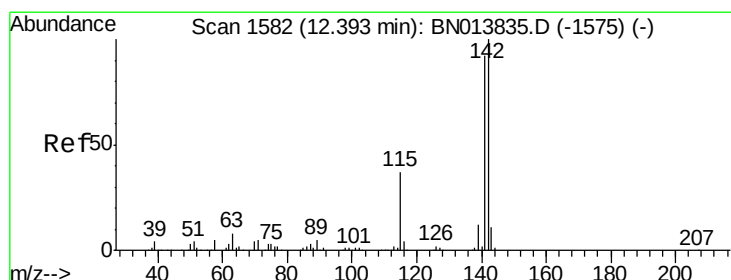
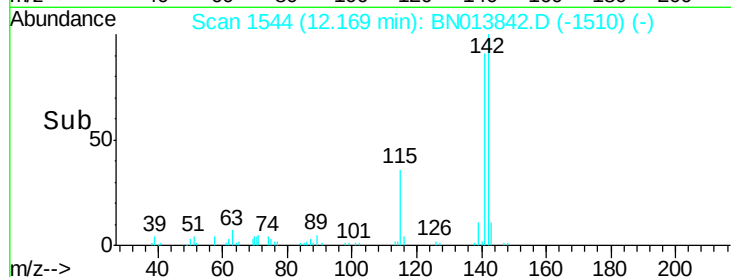
40000

20000

0

12.10 12.15 12.20

Time-->



#35

1-Methylnaphthalene

Concen: 3.937 ng/ul

RT: 12.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BN013842.D

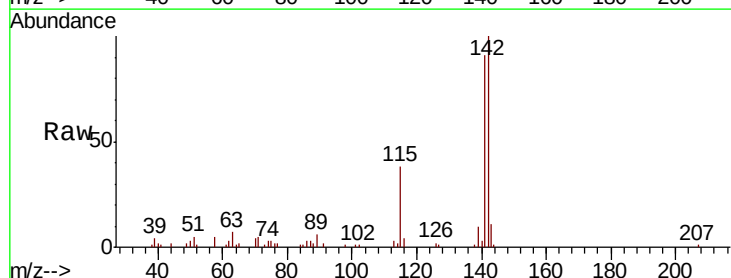
Acq: 04 Mar 2021 20:45

Tgt Ion:142 Resp: 87855

Ion Ratio Lower Upper

142 100

141 90.6 74.3 111.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

60000

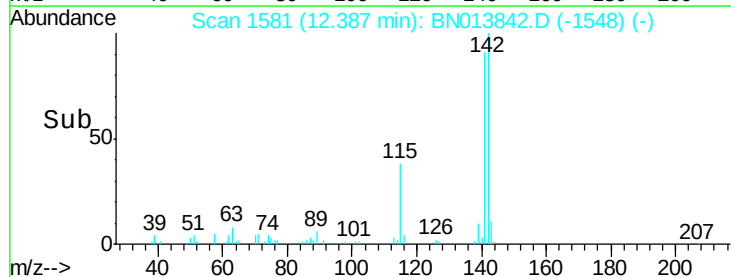
40000

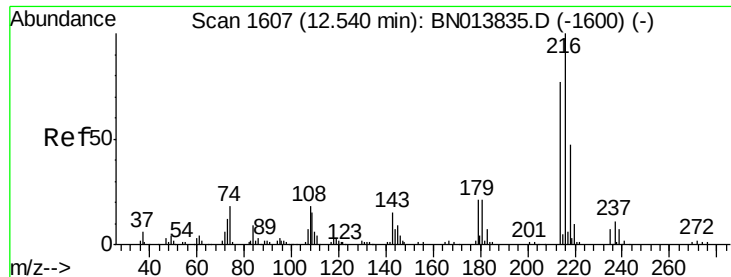
20000

0

12.35 12.40

Time-->

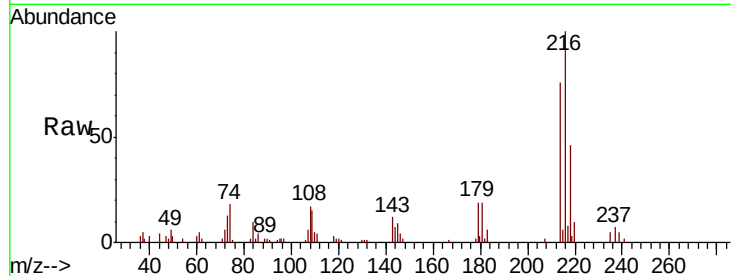




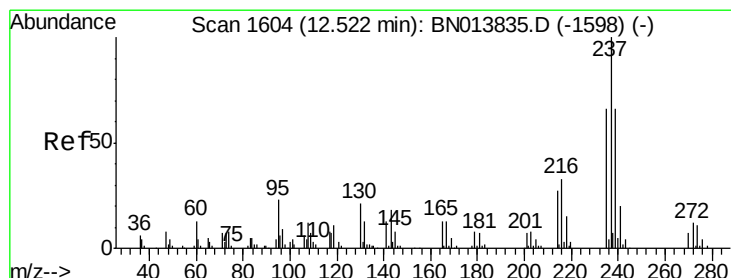
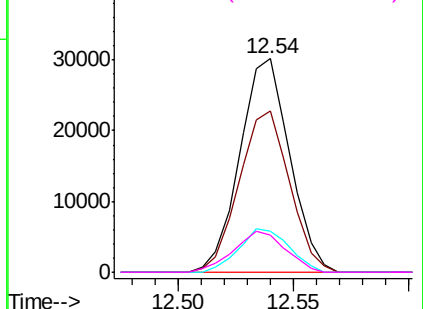
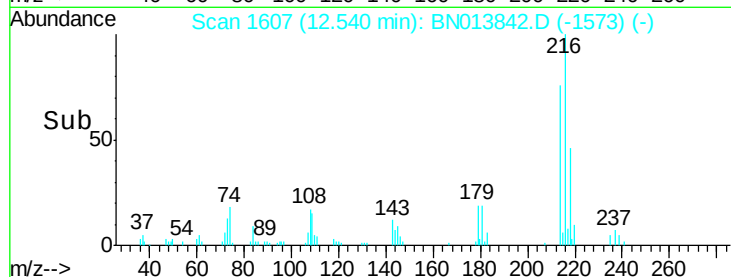
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.867 ng/ul
 RT: 12.54 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BN013842.D
 Acq: 04 Mar 2021 20:45

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-01

Tot Ion:216 Resp: 45444
 Ion Ratio Lower Upper
 216 100
 214 75.7 63.0 94.6
 179 19.3 16.4 24.6
 108 17.3 15.5 23.3

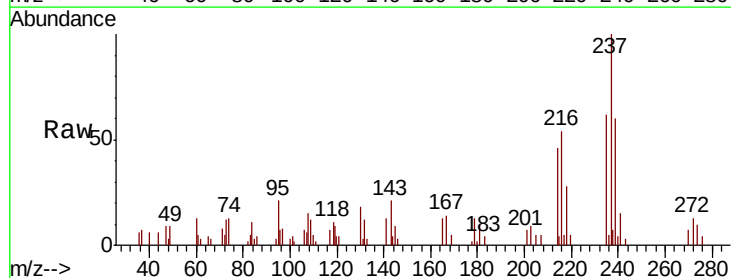


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

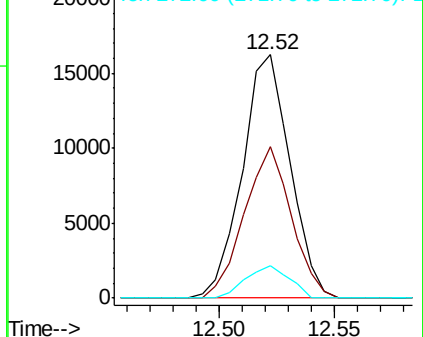
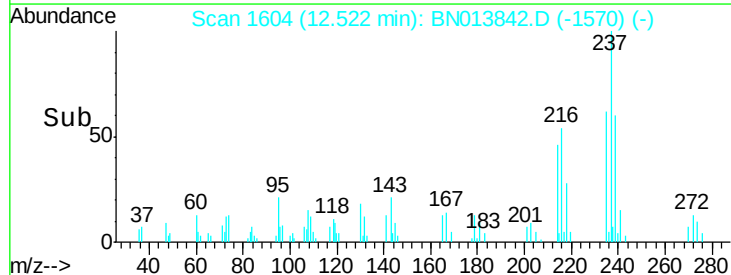


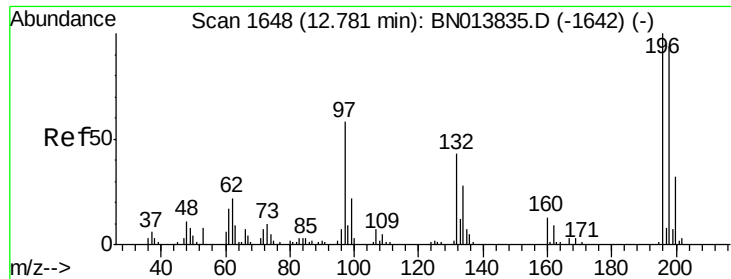
#38
 Hexachlorocyclopentadiene
 Concen: 3.352 ng/ul
 RT: 12.52 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: BN013842.D
 Acq: 04 Mar 2021 20:45

Tgt Ion:237 Resp: 23459
 Ion Ratio Lower Upper
 237 100
 235 62.2 51.4 77.0
 272 13.2 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

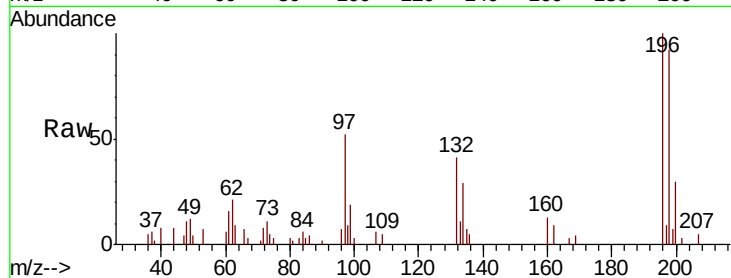




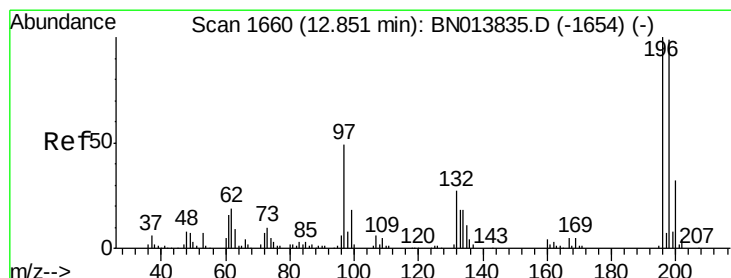
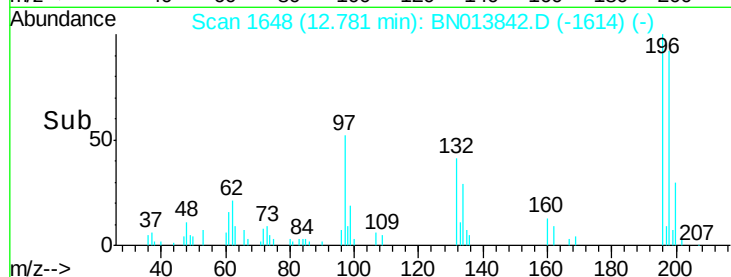
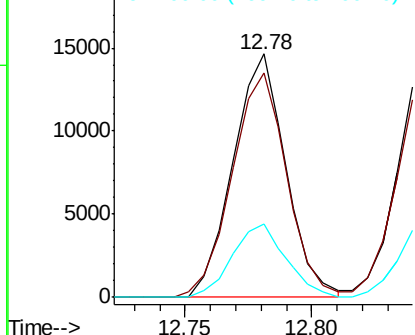
#39
 2,4,6-Trichlorophenol
 Concen: 3.121 ng/ul
 RT: 12.78 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BN013842.D
 Acq: 04 Mar 2021 20:45

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-01

Tot Ion:196 Resp: 21174
 Ion Ratio Lower Upper
 196 100
 198 92.2 78.6 118.0
 200 30.4 23.7 35.5

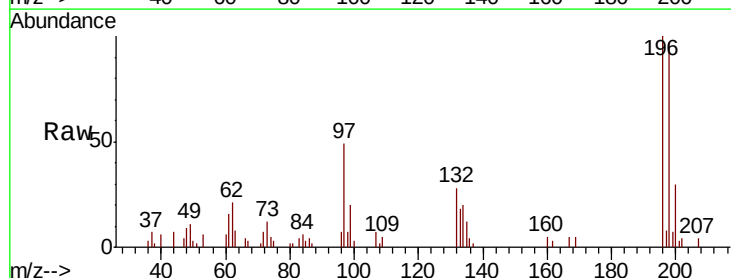


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

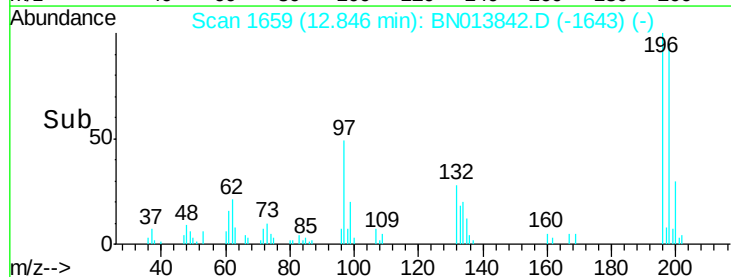
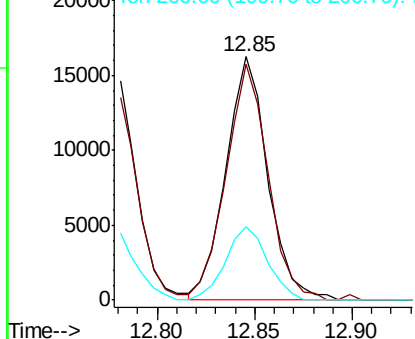


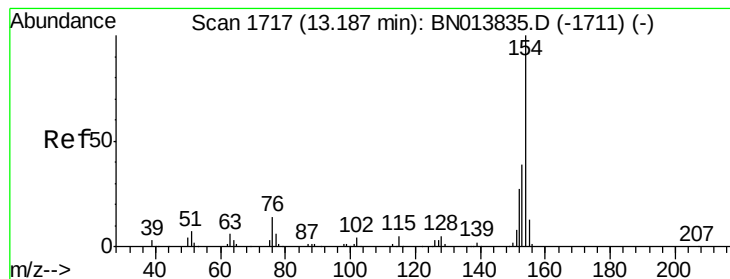
#40
 2,4,5-Trichlorophenol
 Concen: 3.250 ng/ul
 RT: 12.85 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BN013842.D
 Acq: 04 Mar 2021 20:45

Tgt Ion:196 Resp: 24185
 Ion Ratio Lower Upper
 196 100
 198 97.1 73.3 109.9
 200 30.2 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: 3.970 ng/ul

RT: 13.19 min Scan# 1717

Delta R.T. -0.01 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-01

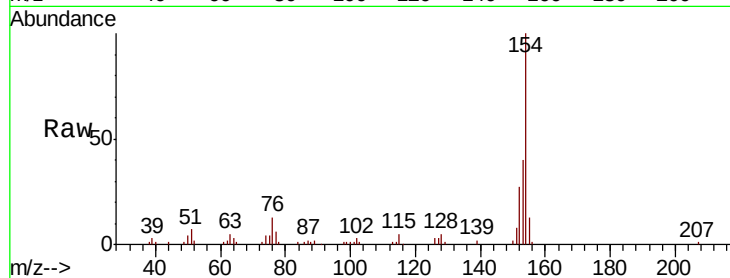
Tot Ion:154 Resp: 116543

Ion Ratio Lower Upper

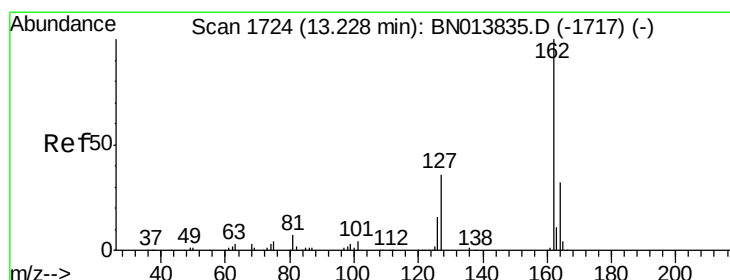
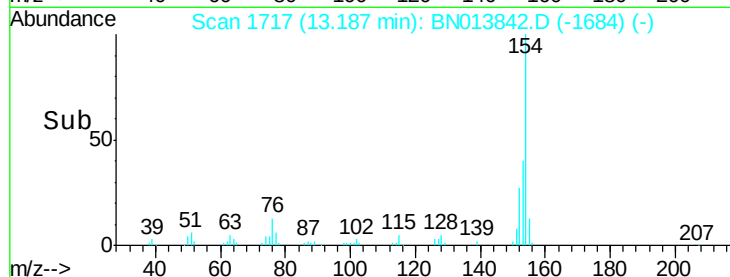
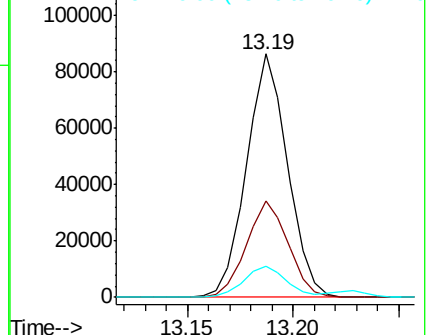
154 100

153 39.5 31.8 47.6

76 12.6 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: 3.936 ng/ul

RT: 13.23 min Scan# 1724

Delta R.T. 0.00 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

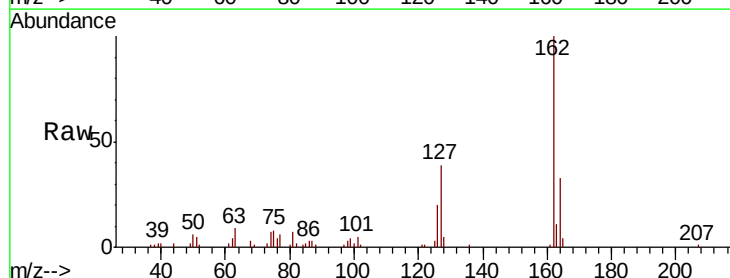
Tgt Ion:162 Resp: 90327

Ion Ratio Lower Upper

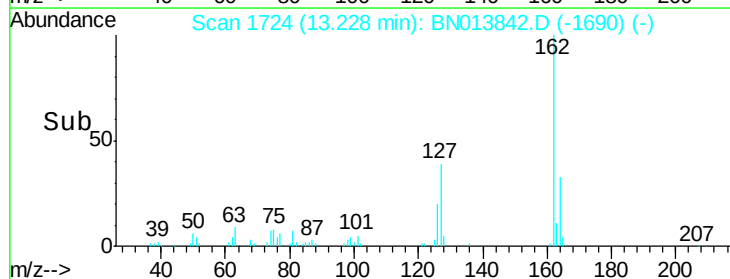
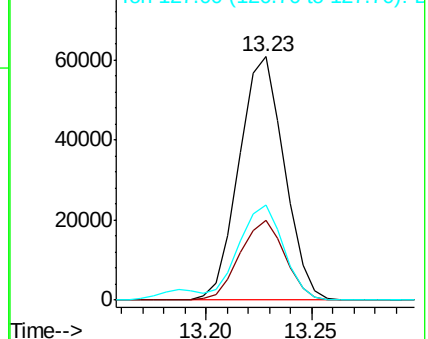
162 100

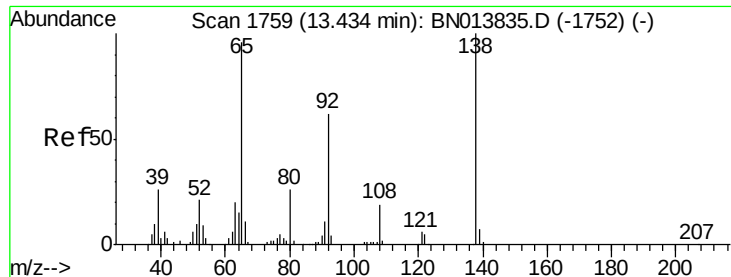
164 32.6 25.3 37.9

127 39.1 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

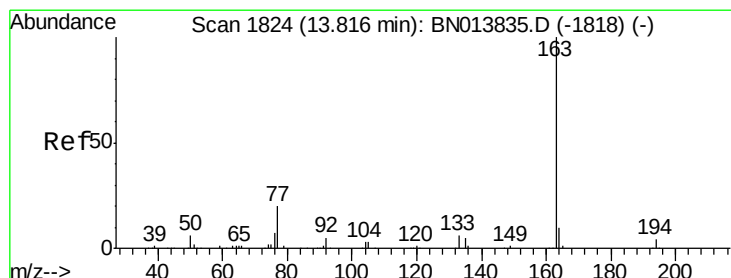
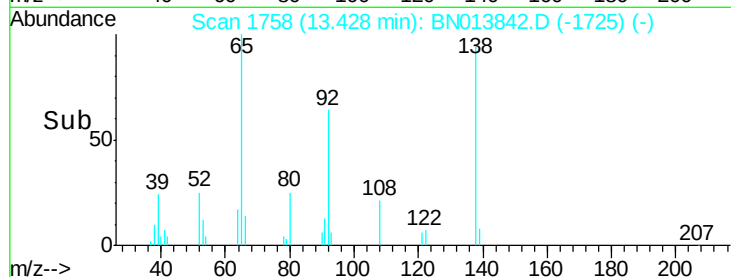
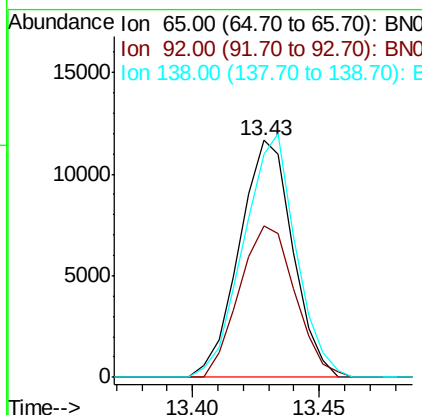
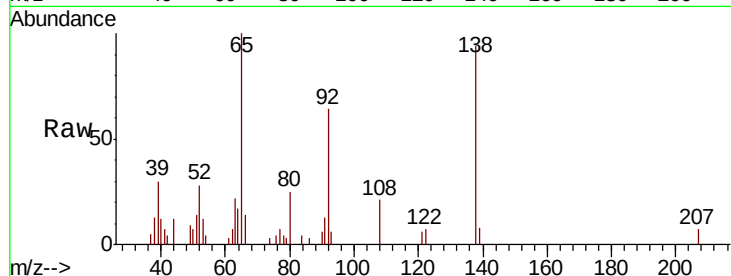




#43
2-Nitroaniline
Concen: 2.872 ng/ul
RT: 13.43 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BN013842.D
Acq: 04 Mar 2021 20:45

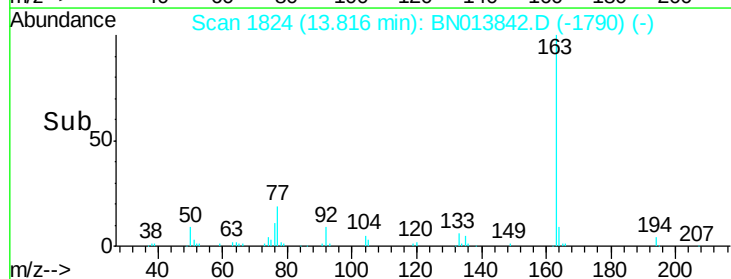
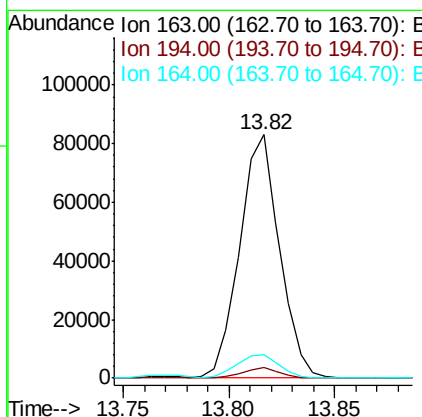
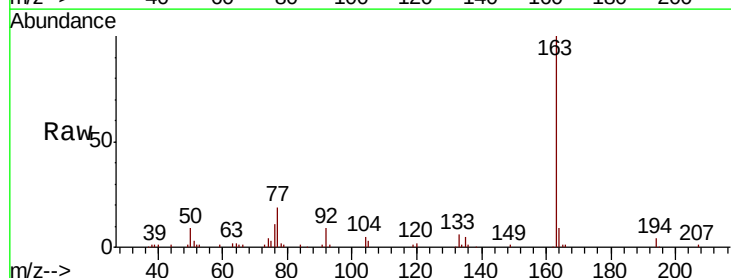
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-01

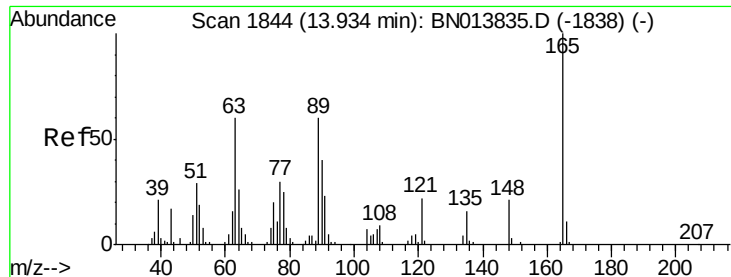
Tot Ion: 65 Resp: 17090
Ion Ratio Lower Upper
65 100
92 63.9 53.4 80.2
138 93.9 81.6 122.4



#45
Dimethylphthalate
Concen: 4.009 ng/ul
RT: 13.82 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BN013842.D
Acq: 04 Mar 2021 20:45

Tgt Ion:163 Resp: 108731
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.4 8.3 12.5

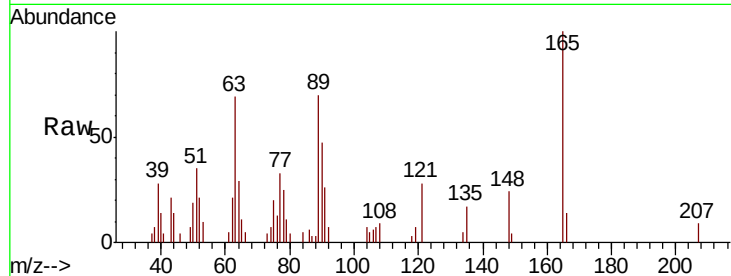




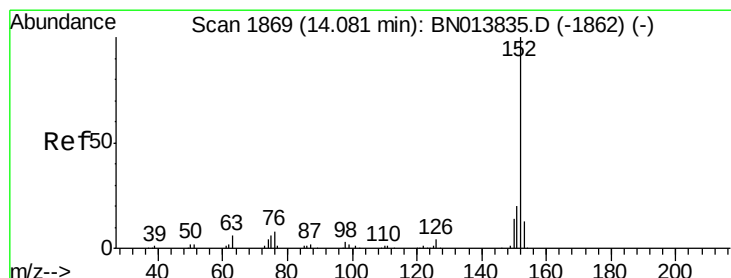
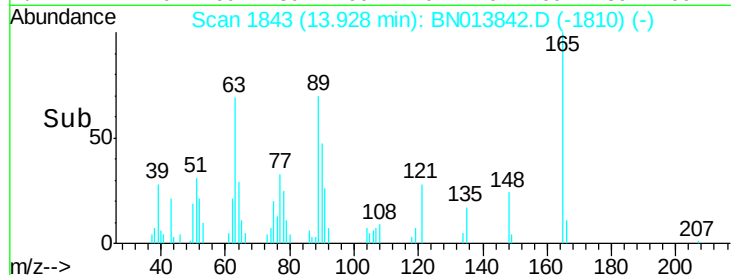
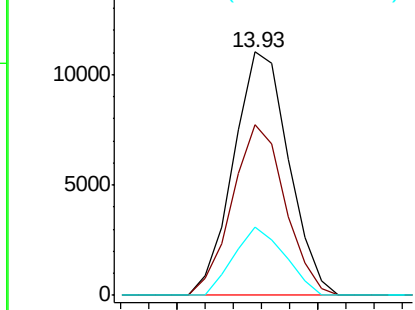
#46
 2,6-Dinitrotoluene
 Concen: 3.080 ng/ul
 RT: 13.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BN013842.D
 Acq: 04 Mar 2021 20:45

Instrument :
 BNA_N
 ClientSampleID :
 MDL-SOIL-01

Tot Ion:165 Resp: 14971
 Ion Ratio Lower Upper
 165 100
 89 70.0 51.8 77.8
 121 28.0 18.6 28.0

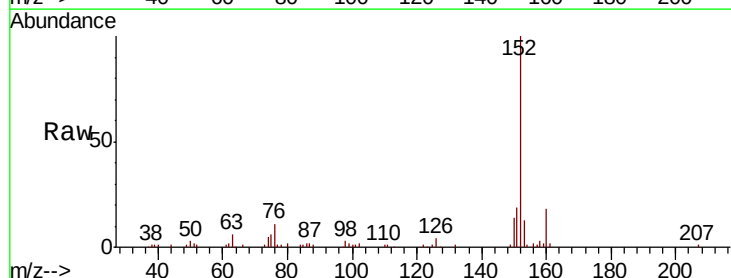


Abundance Ion 165.00 (164.70 to 165.70): E
 15000 Ion 89.00 (88.70 to 89.70): BNO
 Ion 121.00 (120.70 to 121.70): E

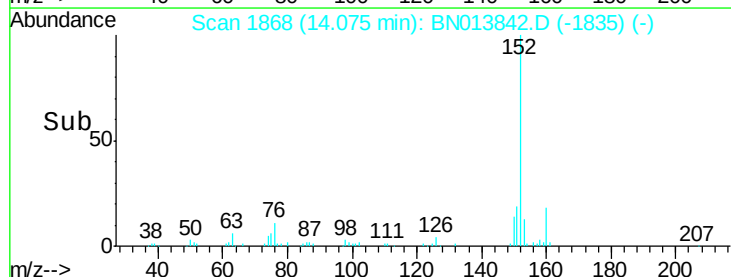
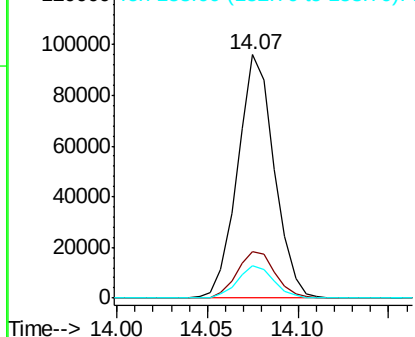


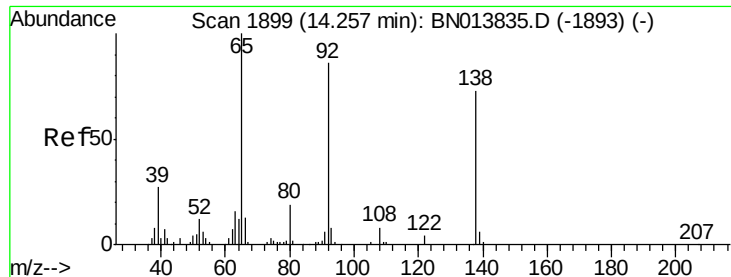
#48
 Acenaphthylene
 Concen: 4.012 ng/ul
 RT: 14.07 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: BN013842.D
 Acq: 04 Mar 2021 20:45

Tgt Ion:152 Resp: 134860
 Ion Ratio Lower Upper
 152 100
 151 19.1 16.0 24.0
 153 13.3 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
 120000 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#49

3-Nitroaniline

Concen: 3.118 ng/ul

RT: 14.26 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-01

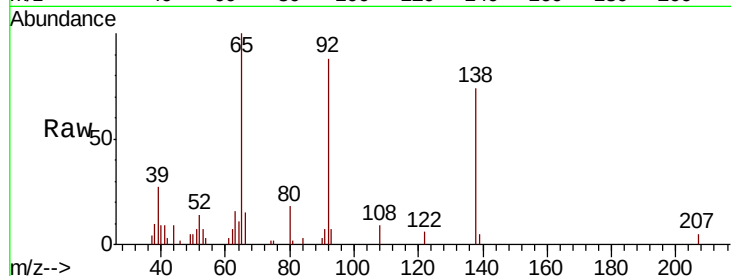
Tot Ion:138 Resp: 16484

Ion Ratio Lower Upper

138 100

108 12.1 8.6 12.8

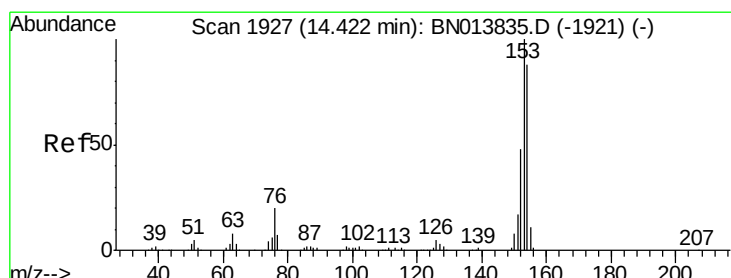
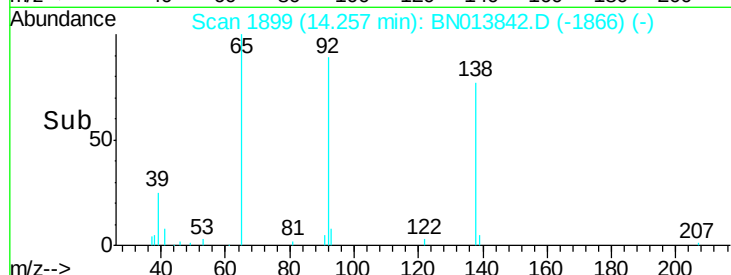
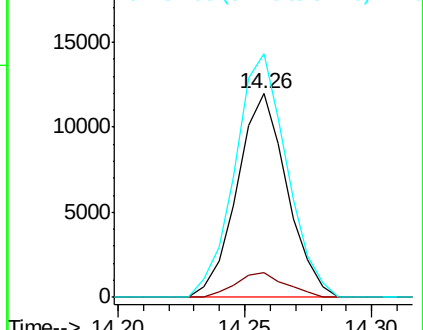
92 119.4 93.0 139.4



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: 3.929 ng/ul

RT: 14.42 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

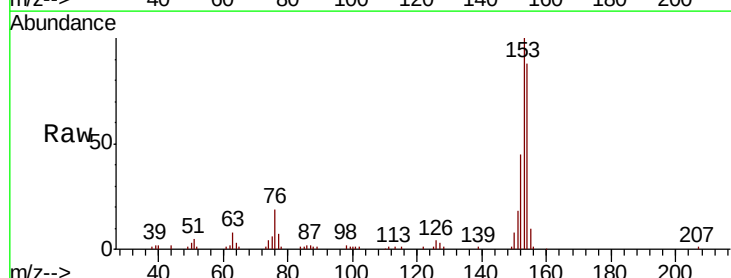
Tgt Ion:153 Resp: 96347

Ion Ratio Lower Upper

153 100

152 45.2 37.4 56.0

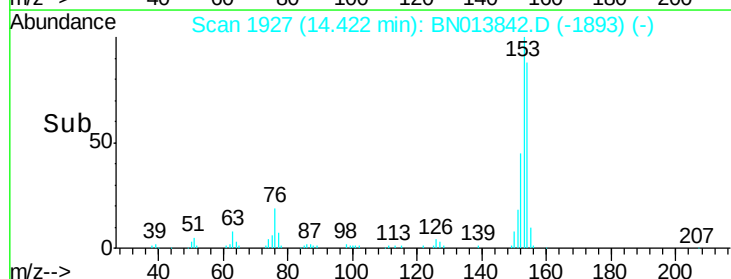
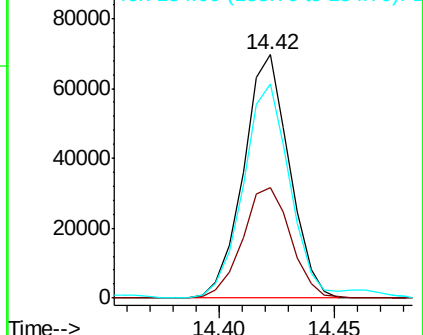
154 88.2 68.4 102.6

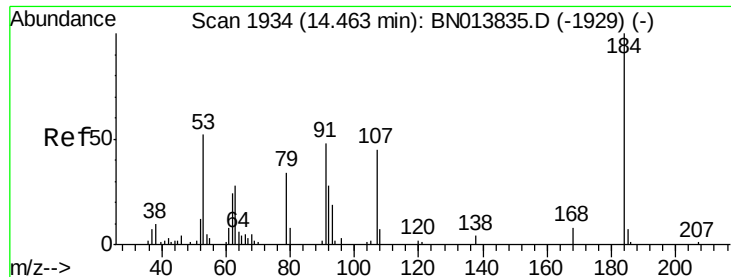


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

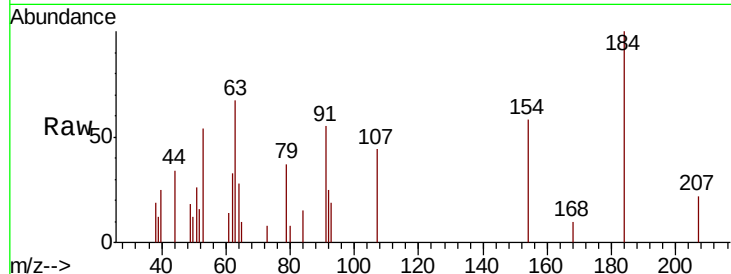




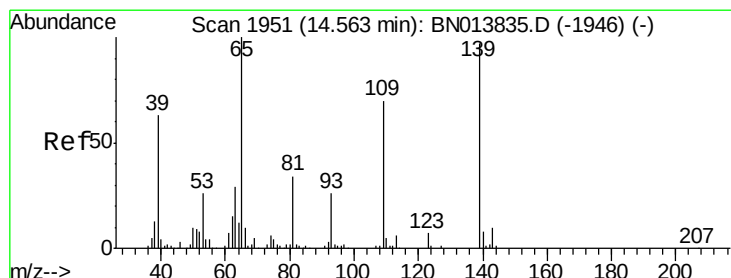
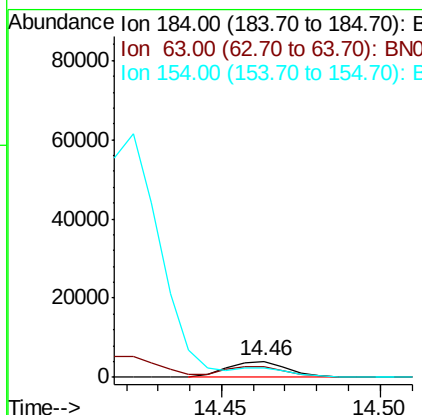
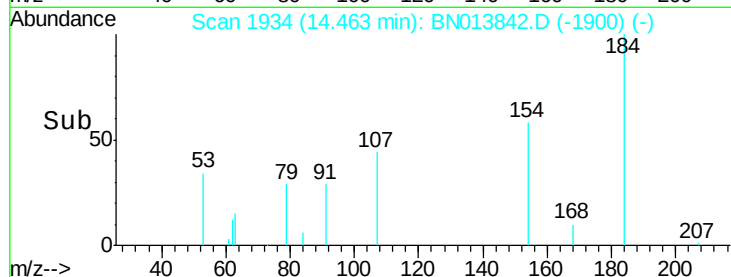
#51
 2,4-Dinitrophenol
 Concen: 2.120 ng/ul
 RT: 14.46 min Scan# 1934
 Delta R.T. 0.00 min
 Lab File: BN013842.D
 Acq: 04 Mar 2021 20:45

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-01

Tot Ion:184 Resp: 5424
 Ion Ratio Lower Upper
 184 100
 63 67.2 58.4 87.6
 154 58.0 49.4 74.2

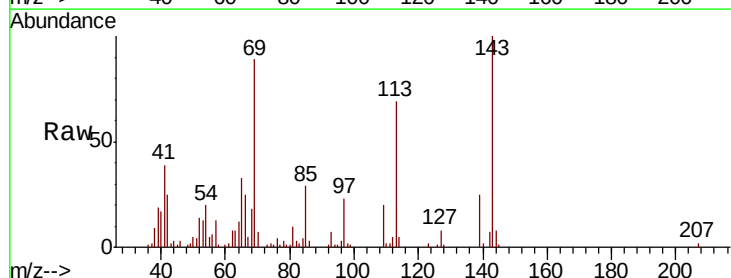


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BNO
 Ion 154.00 (153.70 to 154.70): E

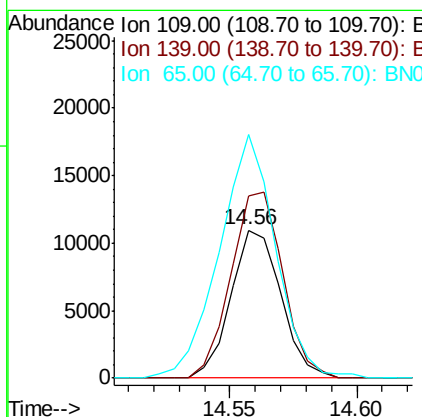
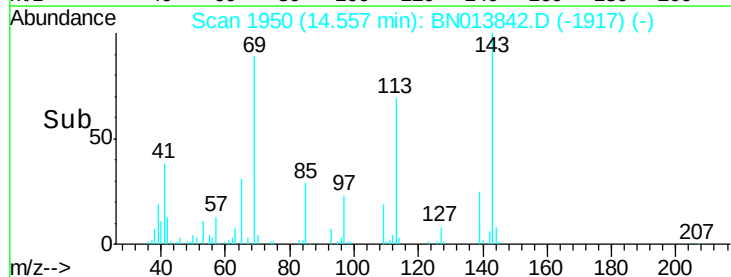


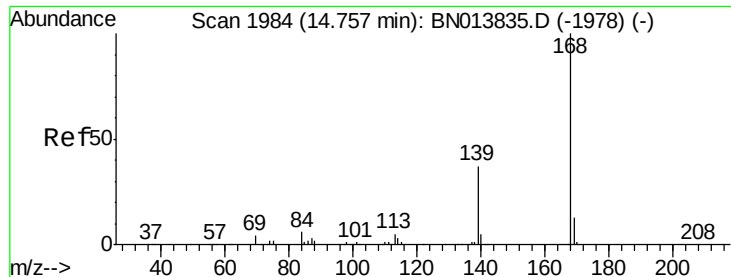
#53
 4-Nitrophenol
 Concen: 3.815 ng/ul
 RT: 14.56 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BN013842.D
 Acq: 04 Mar 2021 20:45

Tgt Ion:109 Resp: 15112
 Ion Ratio Lower Upper
 109 100
 139 123.4 104.1 156.1
 65 164.9 108.2 162.4#



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

Dibenzofuran

Concen: 4.031 ng/ul

RT: 14.76 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

Instrument :

BNA_N

ClientSampleId :

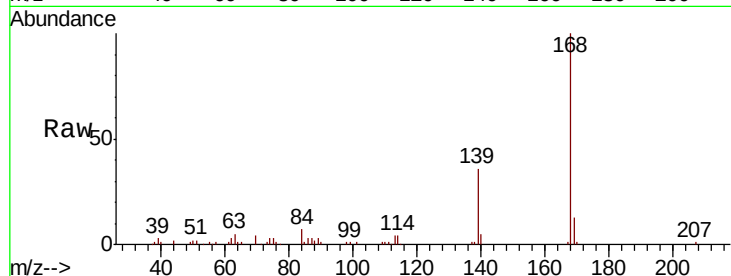
MDL-SOIL-01

Tot Ion:168 Resp: 136240

Ion Ratio Lower Upper

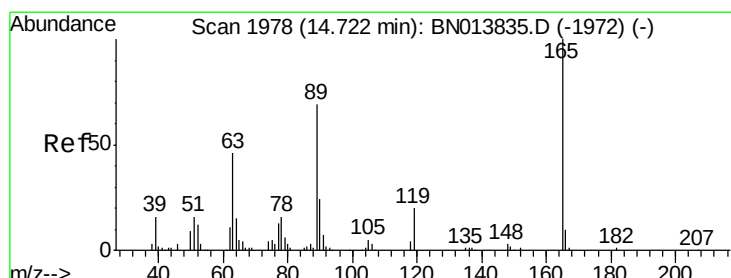
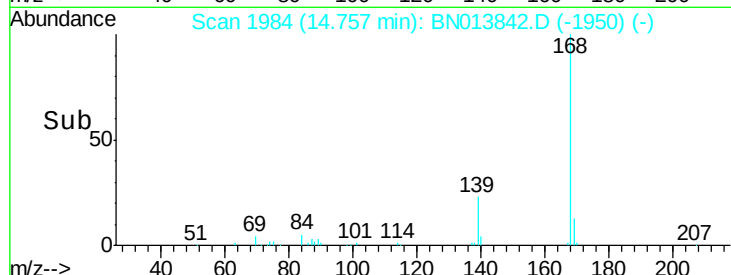
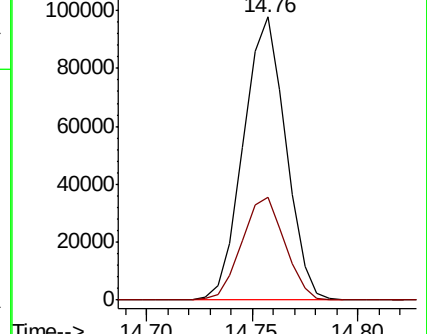
168 100

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: 3.306 ng/ul

RT: 14.72 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

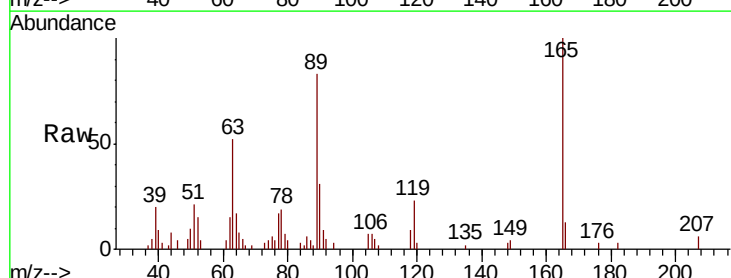
Tgt Ion:165 Resp: 22956

Ion Ratio Lower Upper

165 100

63 52.2 40.2 60.2

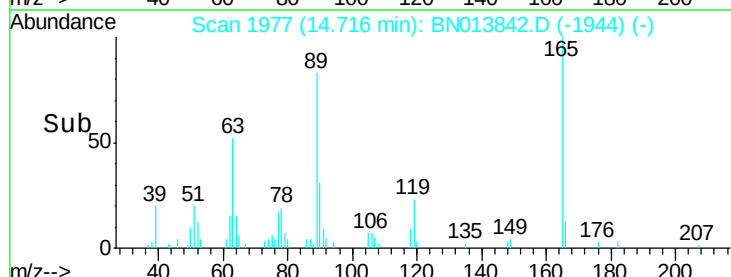
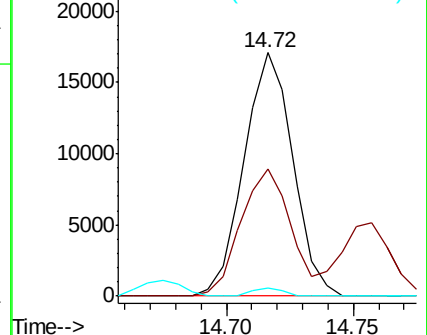
182 3.1 2.2 3.4

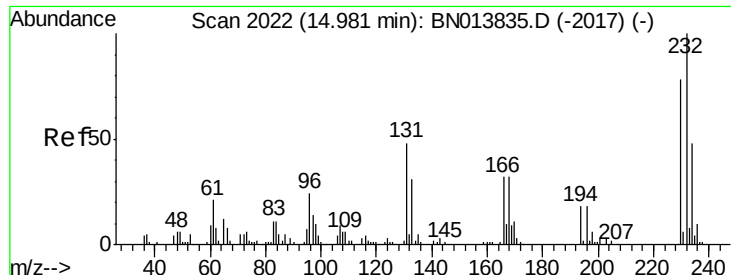


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BN0

Ion 182.00 (181.70 to 182.70): E

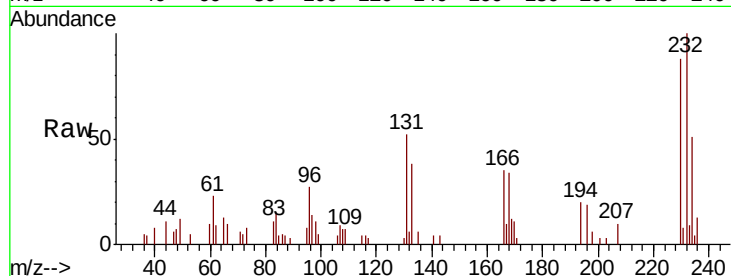




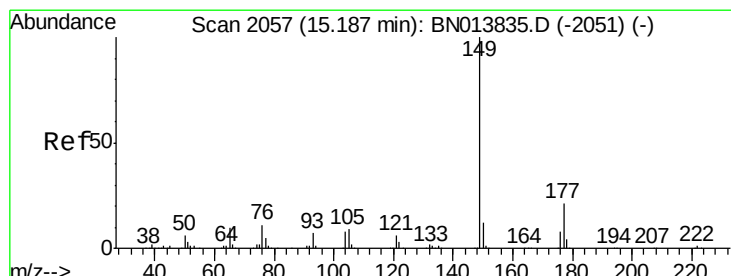
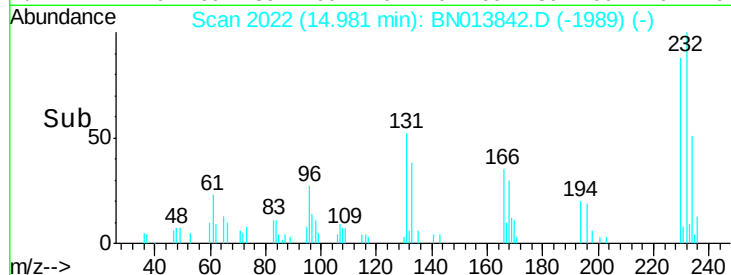
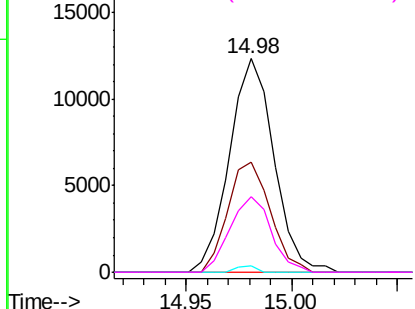
#56
2,3,4,6-Tetrachlorophenol
Concen: 3.139 ng/ul
RT: 14.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BN013842.D
Acq: 04 Mar 2021 20:45

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-01

Tot Ion:232 Resp: 18033
Ion Ratio Lower Upper
232 100
131 51.5 37.4 56.2
130 3.2 1.9 2.9#
166 35.2 24.7 37.1

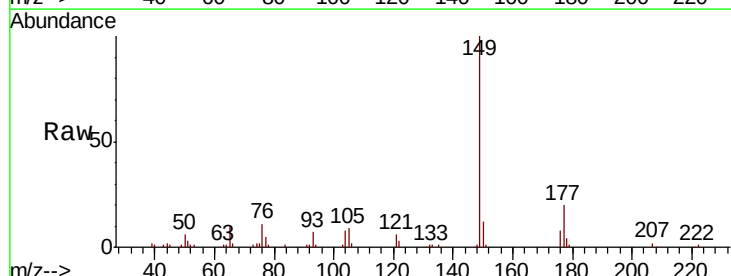


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

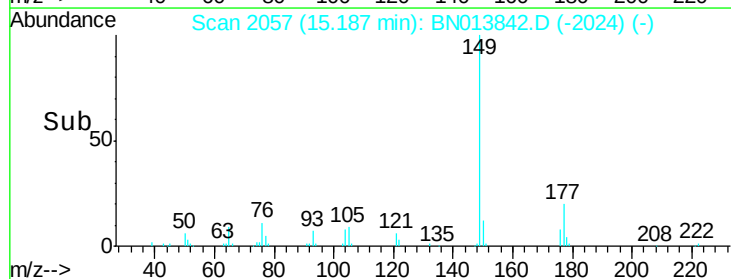
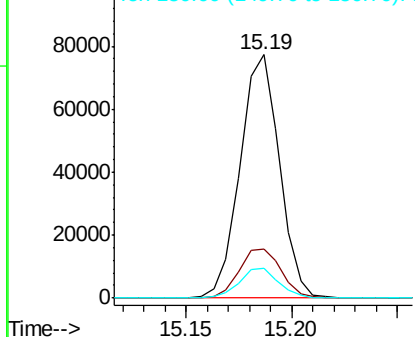


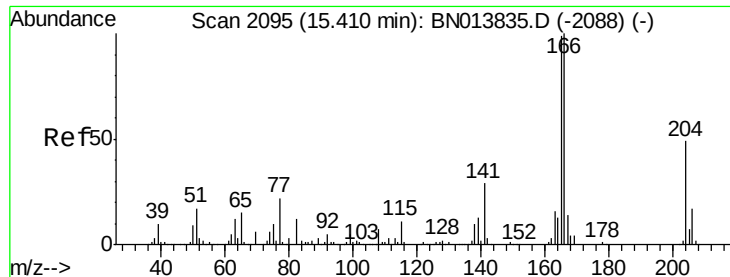
#57
Diethylphthalate
Concen: 3.693 ng/ul
RT: 15.19 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BN013842.D
Acq: 04 Mar 2021 20:45

Tgt Ion:149 Resp: 100101
Ion Ratio Lower Upper
149 100
177 20.4 17.7 26.5
150 12.2 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: 4.072 ng/ul

RT: 15.40 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-01

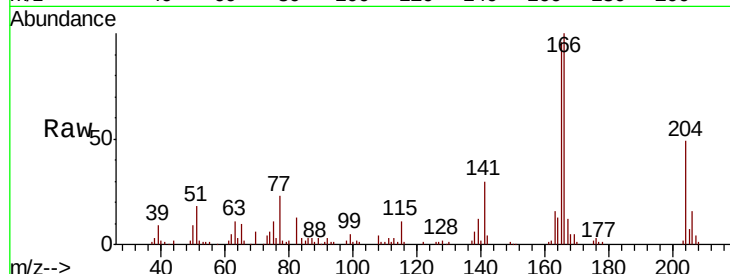
Tot Ion:166 Resp: 111994

Ion Ratio Lower Upper

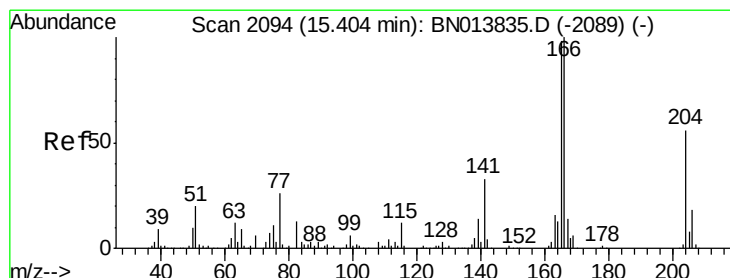
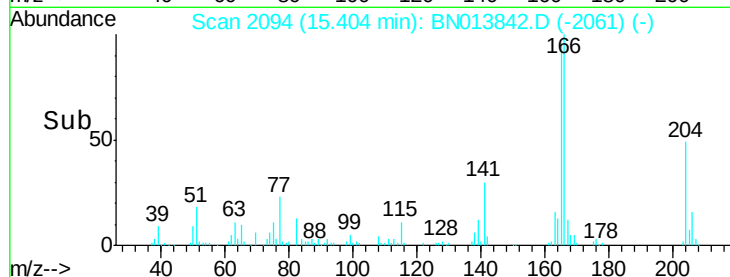
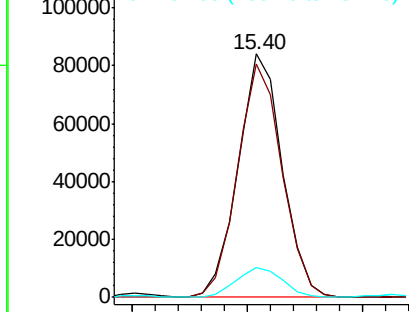
166 100

165 95.9 79.5 119.3

167 12.5 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: 3.996 ng/ul

RT: 15.40 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

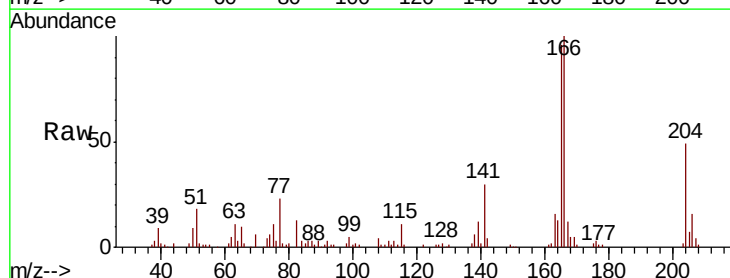
Tgt Ion:204 Resp: 52727

Ion Ratio Lower Upper

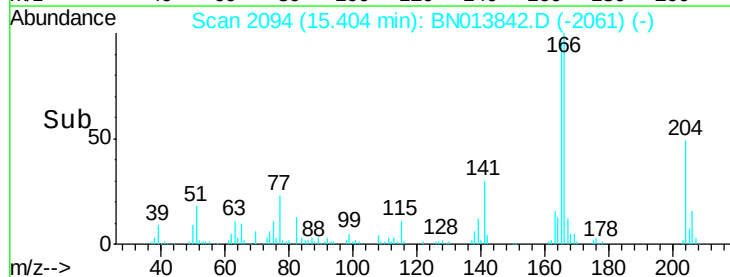
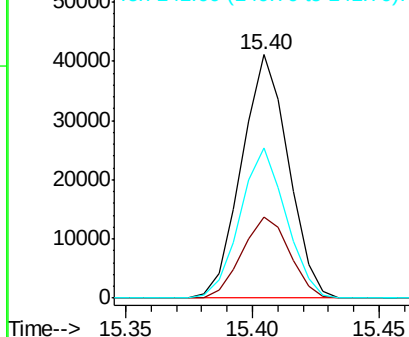
204 100

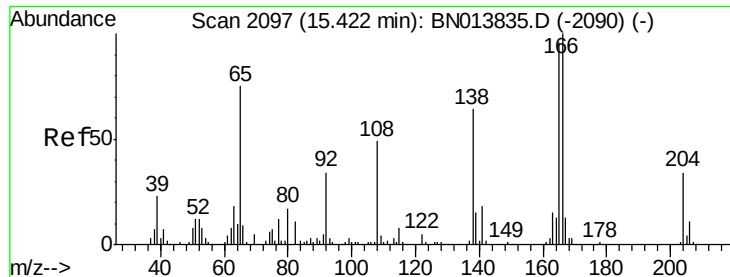
206 33.1 24.6 37.0

141 61.5 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

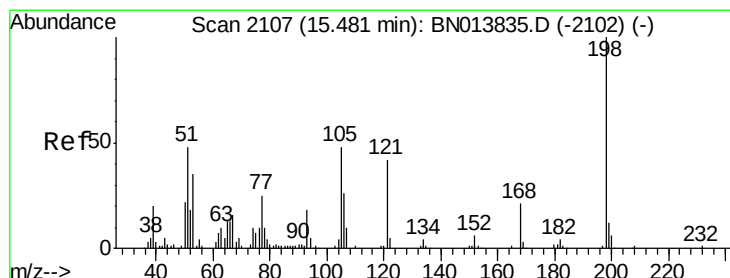
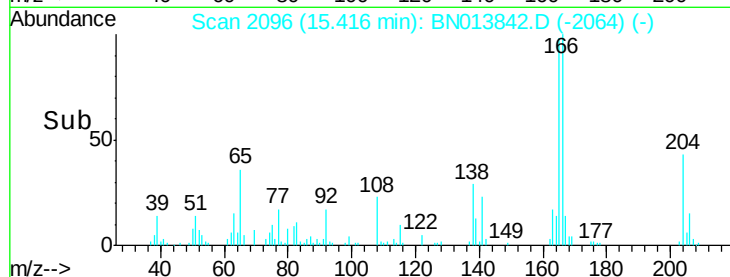
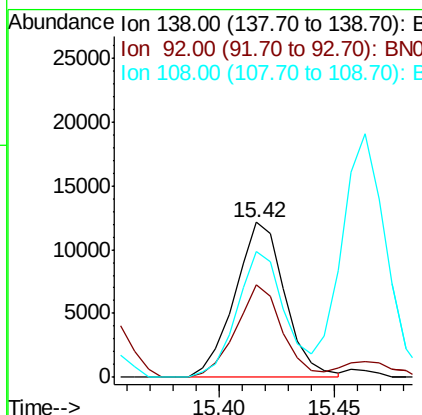
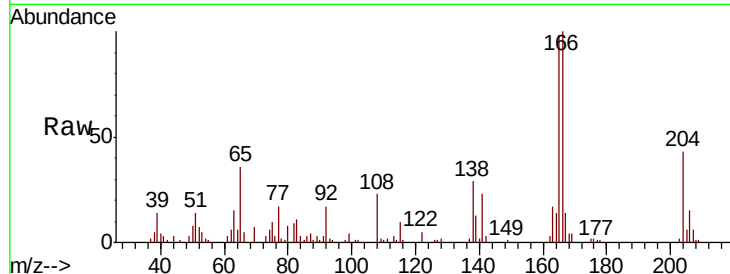




#61
4-Nitroaniline
Concen: 3.036 ng/ul
RT: 15.42 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BN013842.D
Acq: 04 Mar 2021 20:45

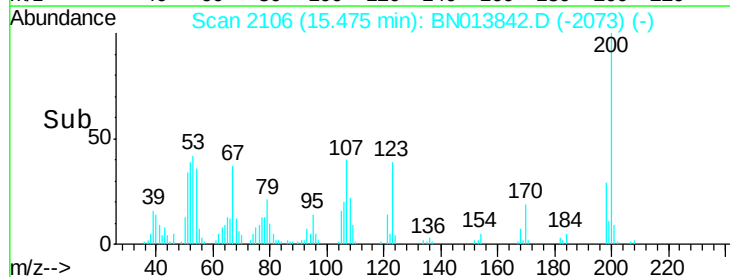
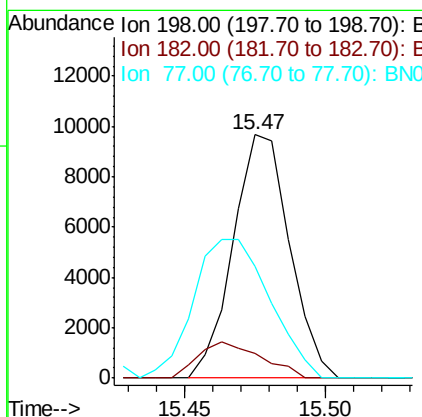
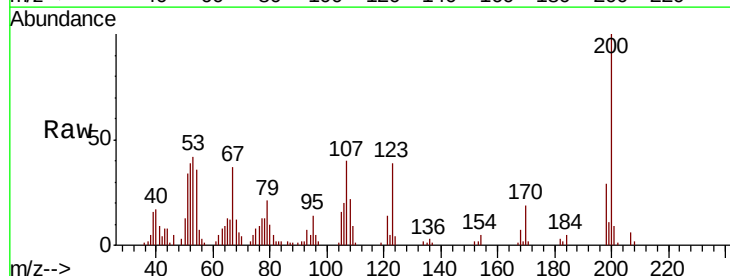
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-01

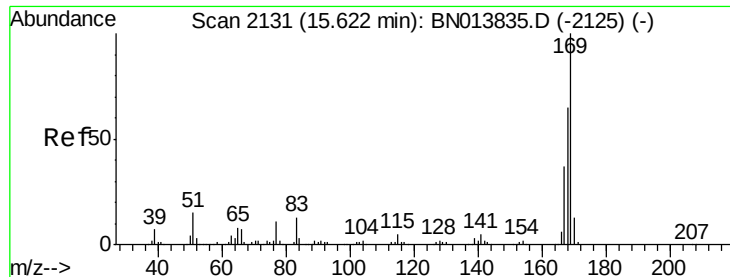
Tot Ion:138 Resp: 18384
Ion Ratio Lower Upper
138 100
92 59.9 38.6 57.8#
108 80.8 59.8 89.8



#64
4,6-Dinitro-2-methylphenol
Concen: 3.402 ng/ul
RT: 15.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BN013842.D
Acq: 04 Mar 2021 20:45

Tgt Ion:198 Resp: 13480
Ion Ratio Lower Upper
198 100
182 10.3 3.5 5.3#
77 46.0 22.2 33.4#

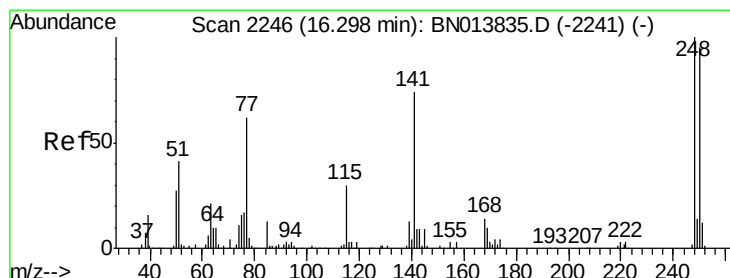
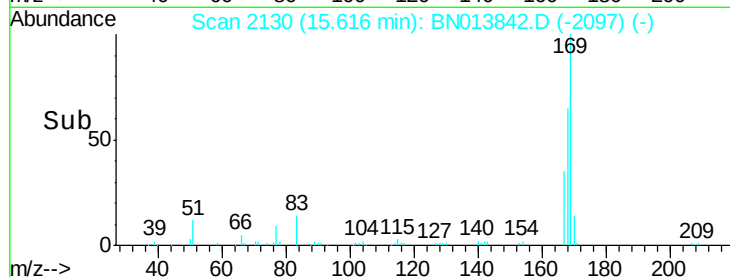
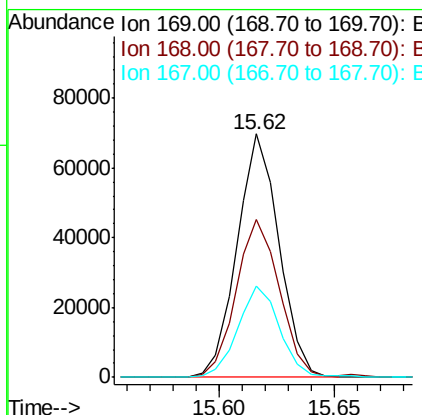
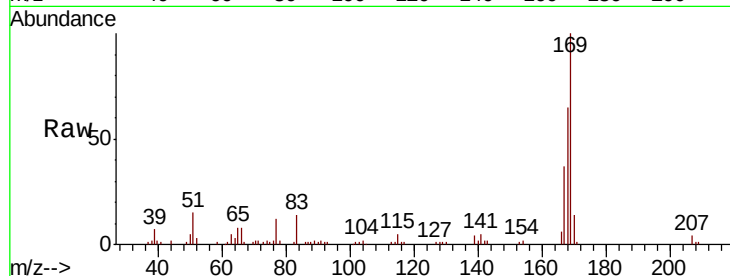




#65
N-Nitrosodiphenylamine
Concen: 3.784 ng/ul
RT: 15.62 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BN013842.D
Acq: 04 Mar 2021 20:45

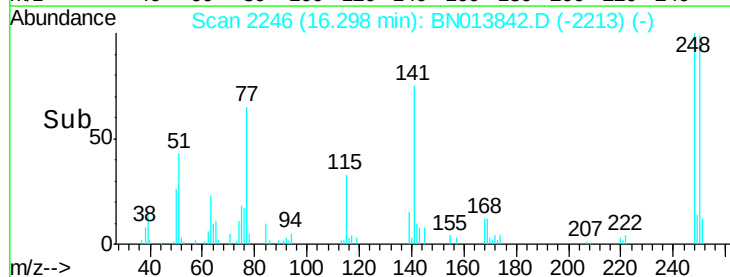
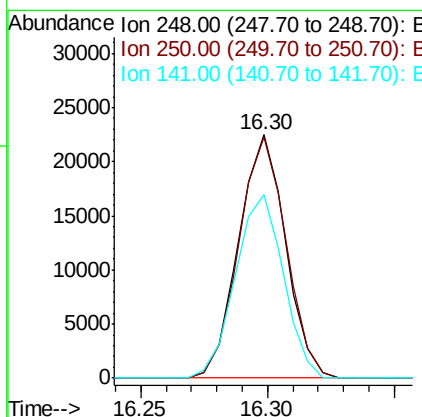
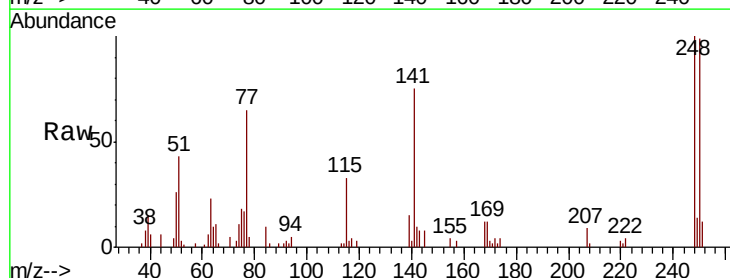
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-01

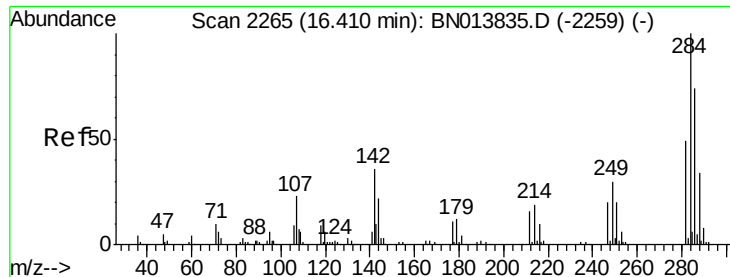
Tot Ion:169 Resp: 88191
Ion Ratio Lower Upper
169 100
168 64.9 54.7 82.1
167 37.4 29.0 43.6



#66
4-Bromophenyl-phenylether
Concen: 3.757 ng/ul
RT: 16.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BN013842.D
Acq: 04 Mar 2021 20:45

Tgt Ion:248 Resp: 29117
Ion Ratio Lower Upper
248 100
250 98.8 76.6 115.0
141 75.4 58.5 87.7





#67

Hexachlorobenzene

Concen: 3.697 ng/ul

RT: 16.40 min Scan# 2264

Delta R.T. -0.01 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-01

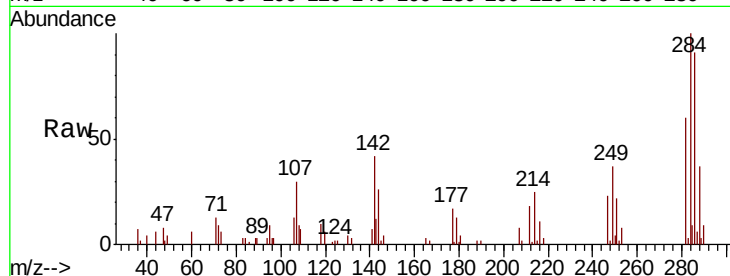
Tot Ion:284 Resp: 34227

Ion Ratio Lower Upper

284 100

142 38.7 29.2 43.8

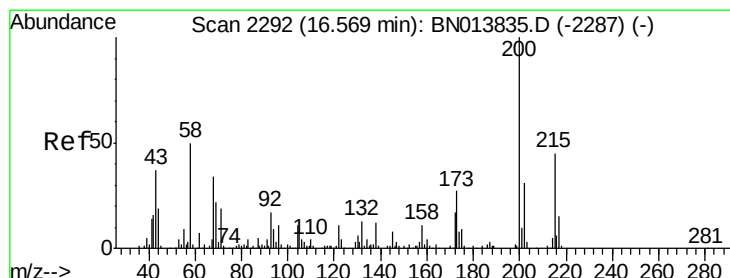
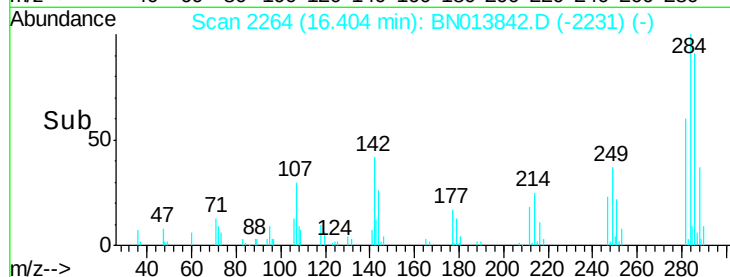
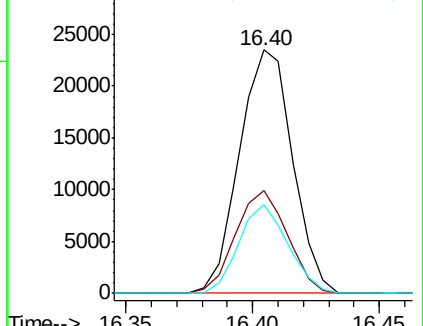
249 33.6 23.5 35.3



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: 2.862 ng/ul

RT: 16.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

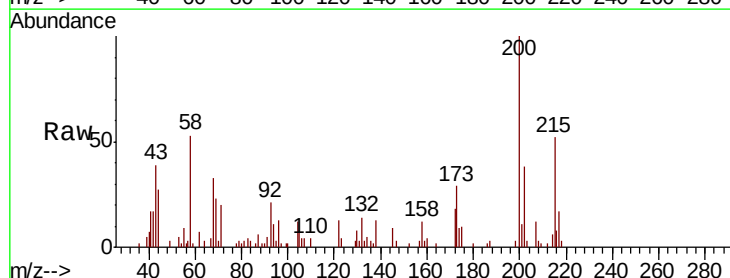
Tgt Ion:200 Resp: 23043

Ion Ratio Lower Upper

200 100

173 28.9 21.2 31.8

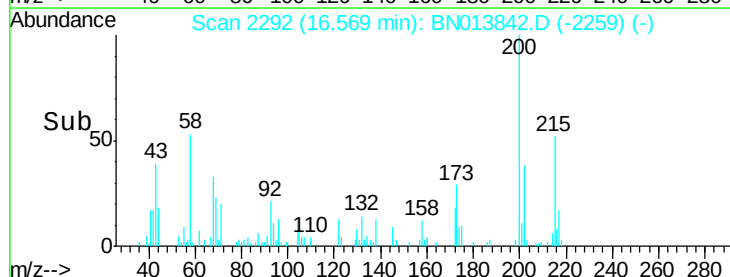
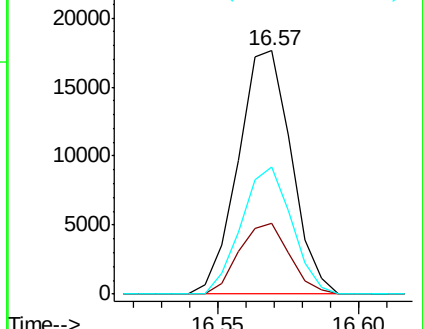
215 52.3 34.0 51.0#

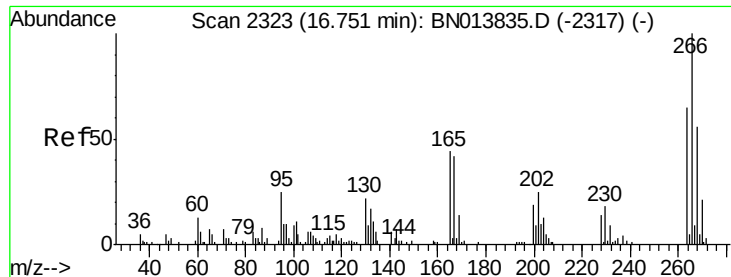


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

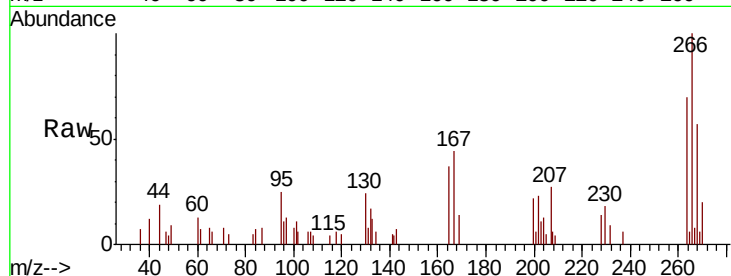




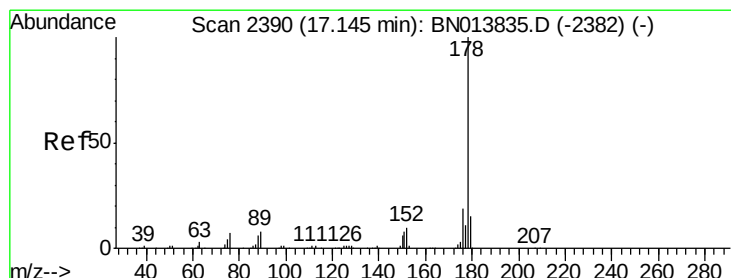
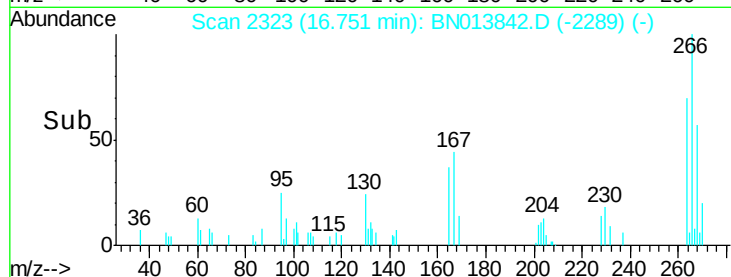
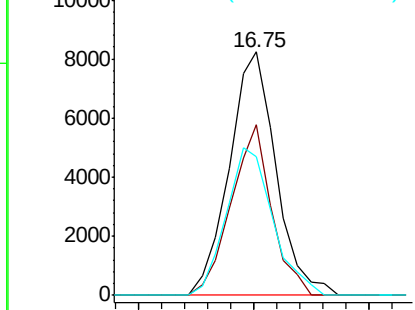
#69
 Pentachlorophenol
 Concen: 2.377 ng/ul
 RT: 16.75 min Scan# 2323
 Delta R.T. 0.00 min
 Lab File: BN013842.D
 Acq: 04 Mar 2021 20:45

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-01

Tot Ion:266 Resp: 11597
 Ion Ratio Lower Upper
 266 100
 264 70.0 50.2 75.4
 268 57.0 49.6 74.4

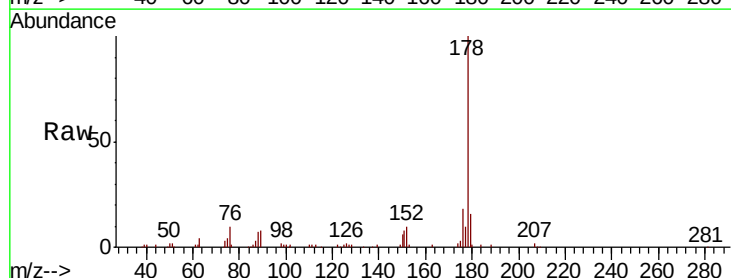


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

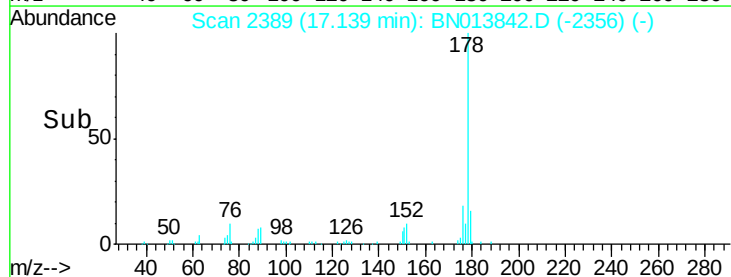
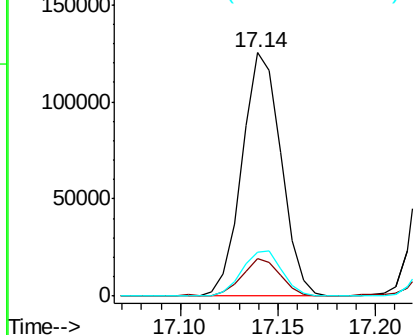


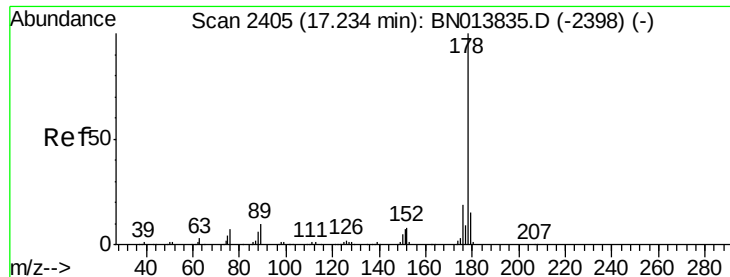
#70
 Phenanthrene
 Concen: 3.970 ng/ul
 RT: 17.14 min Scan# 2389
 Delta R.T. -0.01 min
 Lab File: BN013842.D
 Acq: 04 Mar 2021 20:45

Tgt Ion:178 Resp: 174045
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.9 19.3
 176 17.9 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: 4.023 ng/ul

RT: 17.23 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-01

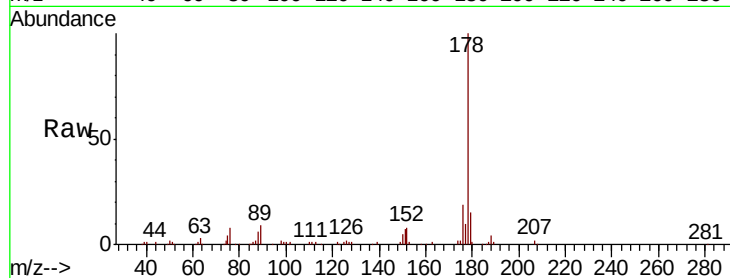
Tot Ion:178 Resp: 179308

Ion Ratio Lower Upper

178 100

179 14.9 11.9 17.9

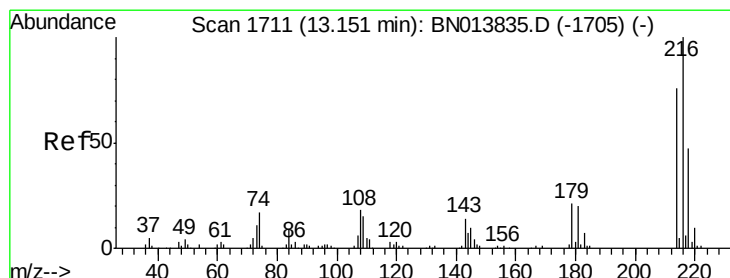
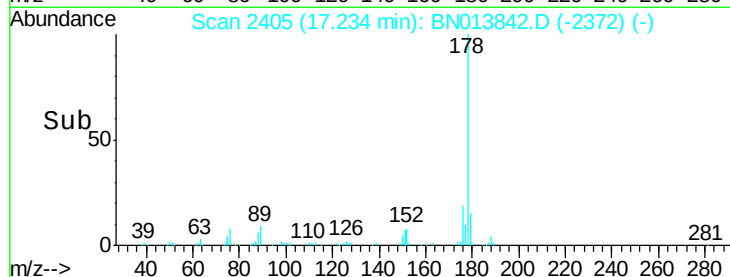
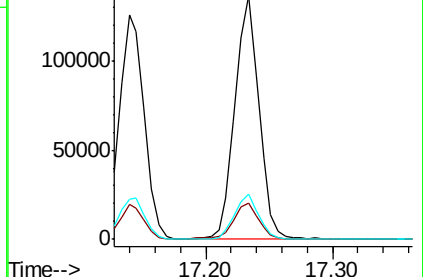
176 18.8 14.3 21.5



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: 3.814 ng/uL

RT: 13.15 min Scan# 1710

Delta R.T. -0.01 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

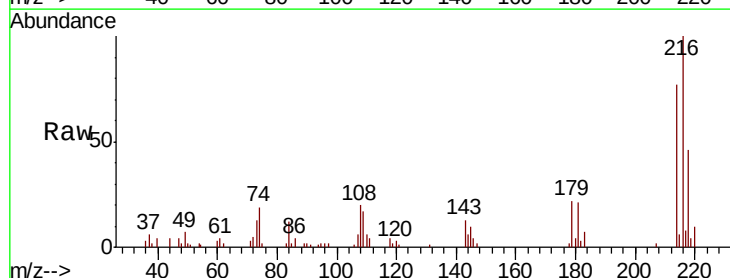
Tgt Ion:216 Resp: 45189

Ion Ratio Lower Upper

216 100

214 77.0 60.1 90.1

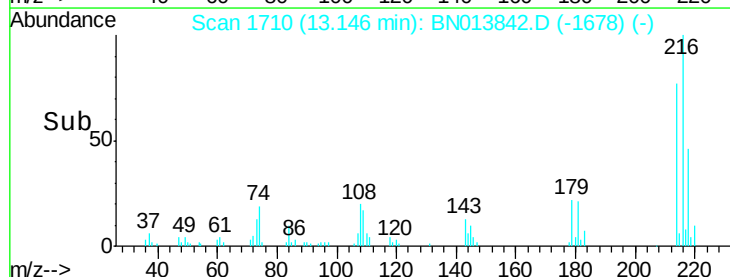
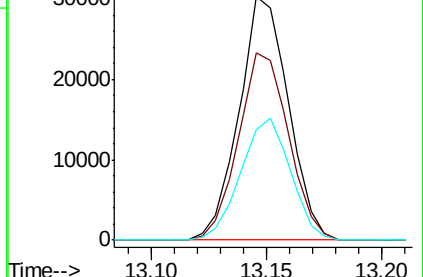
218 45.5 37.9 56.9

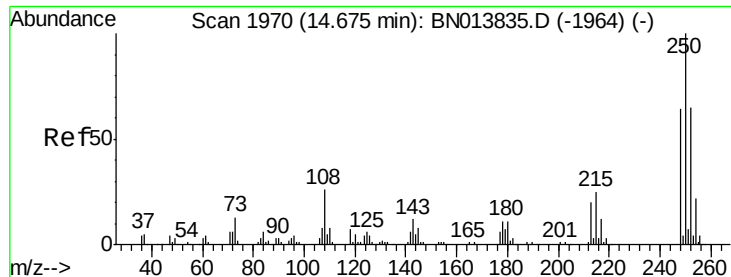


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 3.777 ng/uL

RT: 14.67 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-01

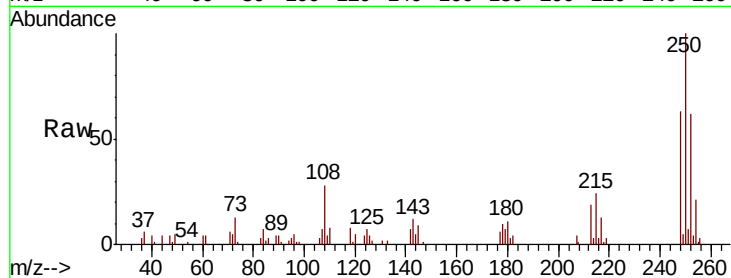
Tot Ion:250 Resp: 42167

Ion Ratio Lower Upper

250 100

248 62.7 48.3 72.5

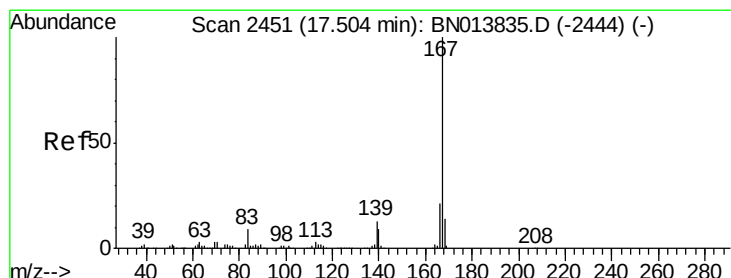
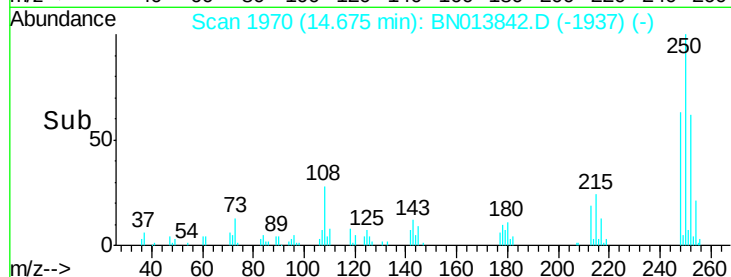
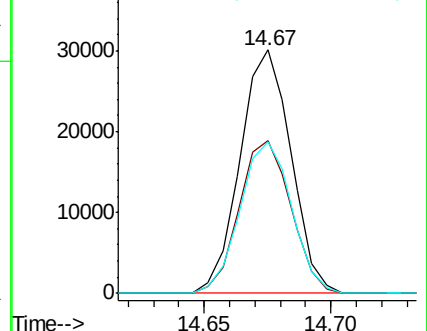
252 62.2 50.0 75.0



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: 3.643 ng/uL

RT: 17.50 min Scan# 2450

Delta R.T. -0.01 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

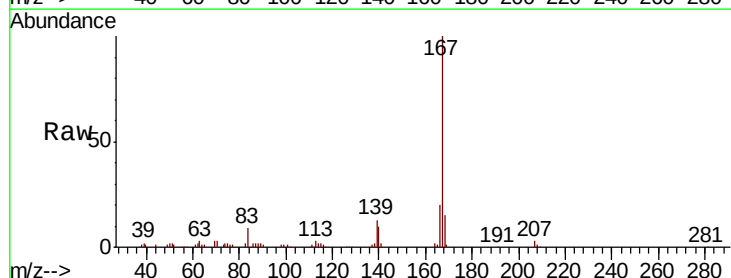
Tgt Ion:167 Resp: 144859

Ion Ratio Lower Upper

167 100

166 19.8 17.0 25.6

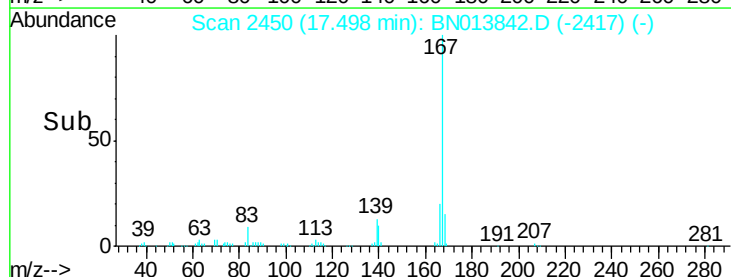
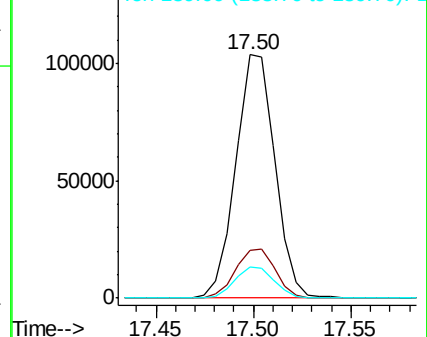
139 12.8 10.3 15.5

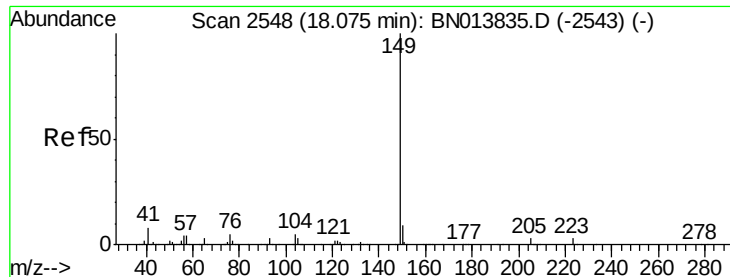


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#76

Di-n-butylphthalate

Concen: 2.980 ng/ul

RT: 18.07 min Scan# 2548

Delta R.T. -0.01 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-01

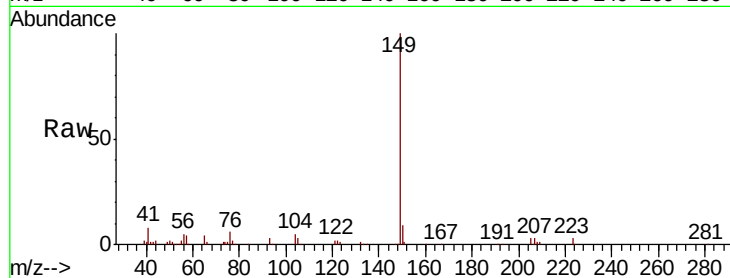
Tot Ion:149 Resp: 132597

Ion Ratio Lower Upper

149 100

150 9.2 7.0 10.6

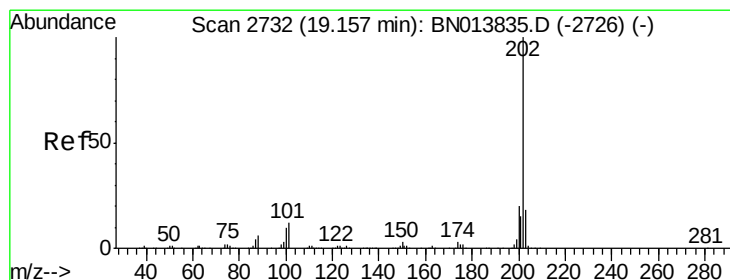
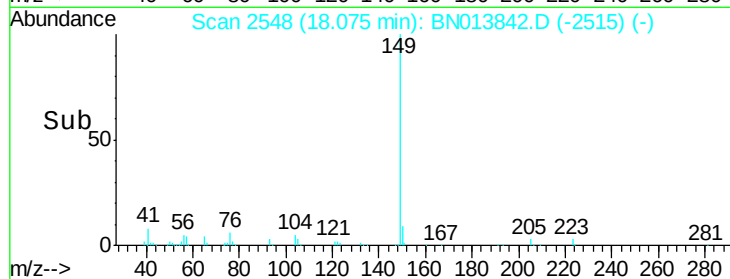
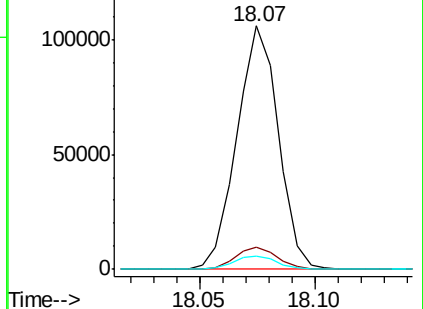
104 5.4 4.2 6.2



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: 3.740 ng/ul

RT: 19.16 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

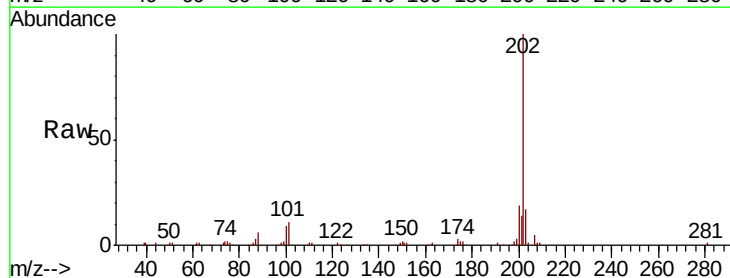
Tgt Ion:202 Resp: 181291

Ion Ratio Lower Upper

202 100

101 11.1 8.6 12.8

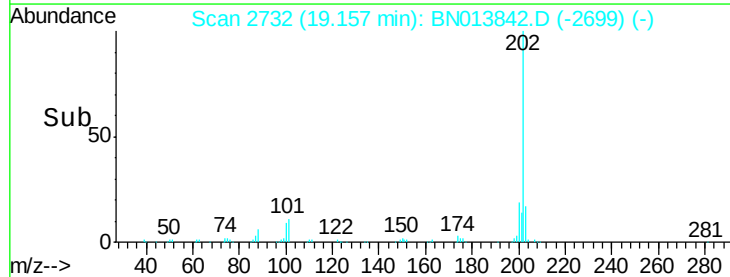
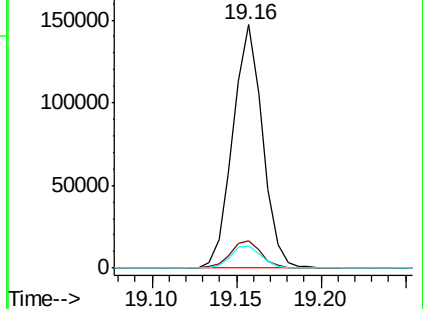
100 9.3 6.6 9.8

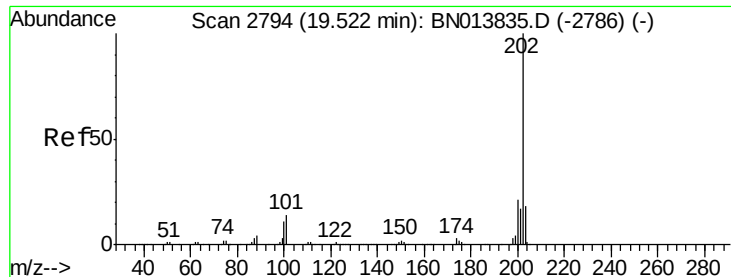


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

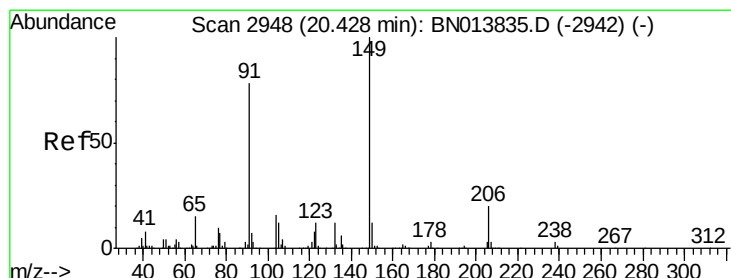
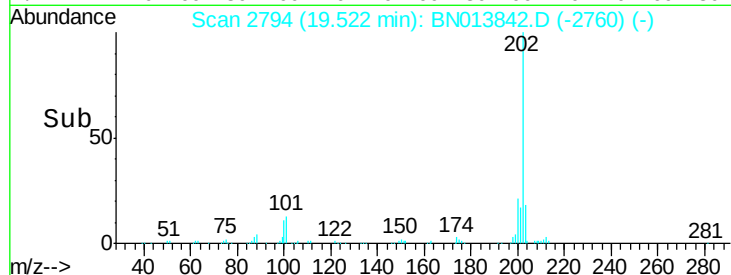
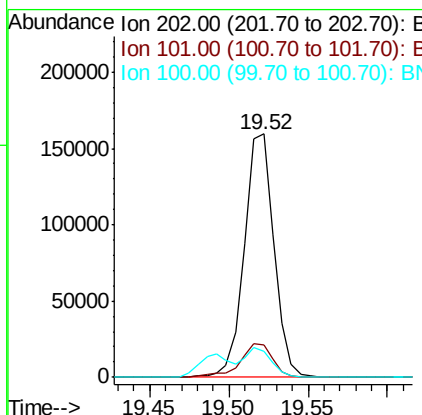
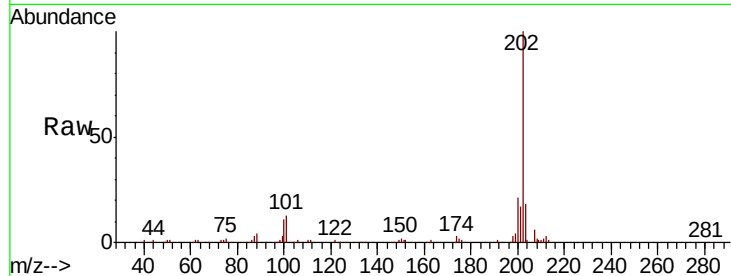




#80
 Pvrene
 Concen: 4.121 ng/ul
 RT: 19.52 min Scan# 2794
 Delta R.T. 0.00 min
 Lab File: BN013842.D
 Acq: 04 Mar 2021 20:45

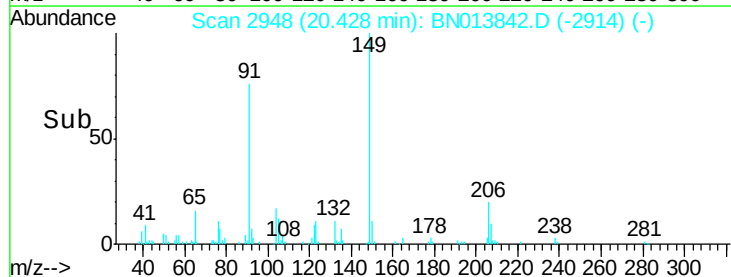
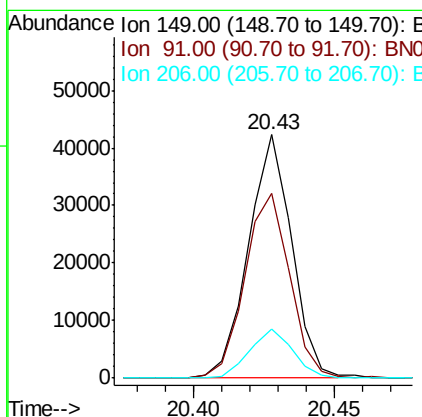
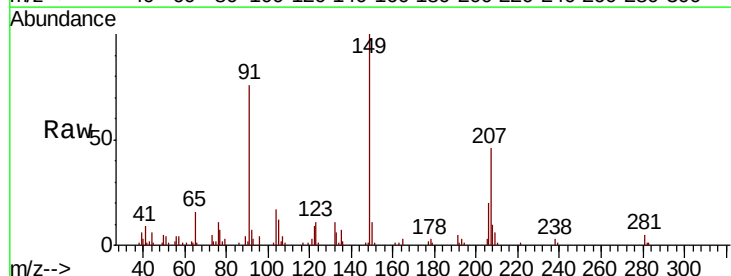
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-01

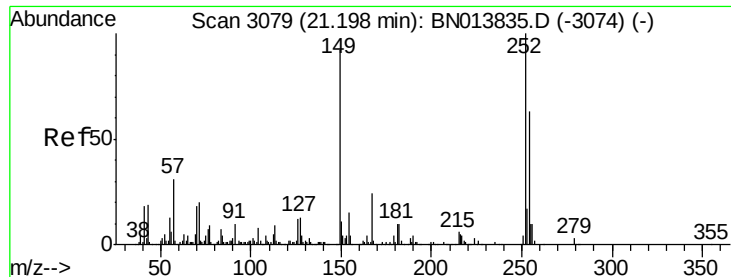
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.2	11.1	16.7
100	10.6	9.5	14.3



#81
 Butylbenzylphthalate
 Concen: 2.592 ng/ul
 RT: 20.43 min Scan# 2948
 Delta R.T. 0.00 min
 Lab File: BN013842.D
 Acq: 04 Mar 2021 20:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.1	61.4	92.0
206	20.1	14.0	21.0



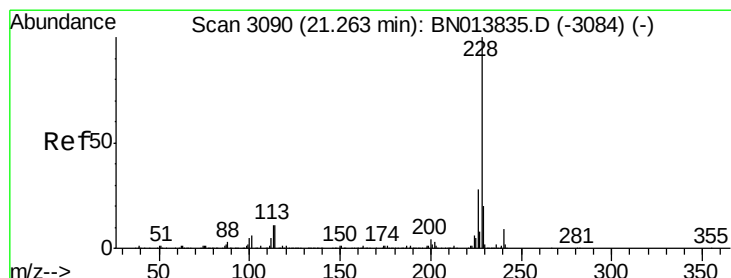
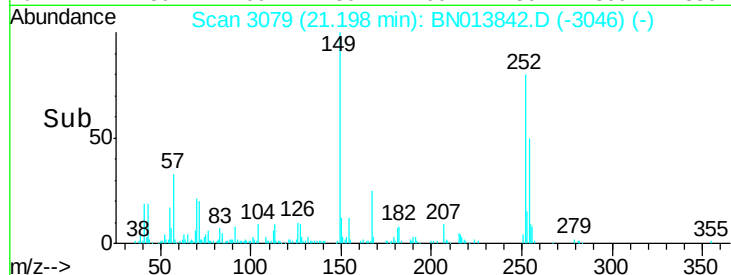
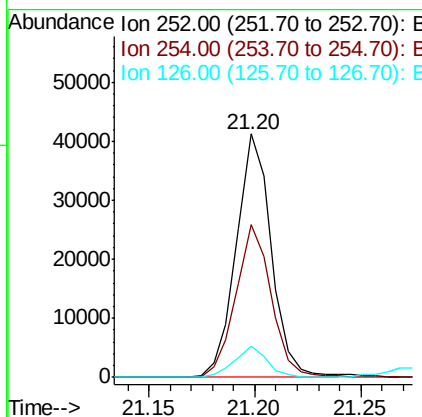
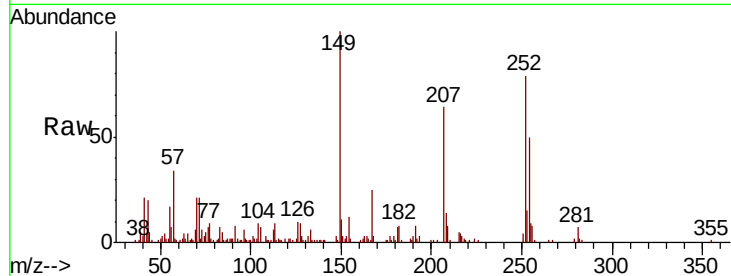


#82

3,3'-Dichlorobenzidine
Concen: 3.241 ng/ul
RT: 21.20 min Scan# 3079
Delta R.T. -0.01 min
Lab File: BN013842.D
Acq: 04 Mar 2021 20:45

Instrument :
BNA_N
ClientSampled :
MDL-SOIL-01

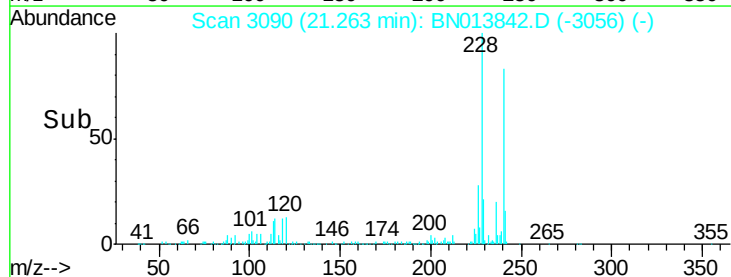
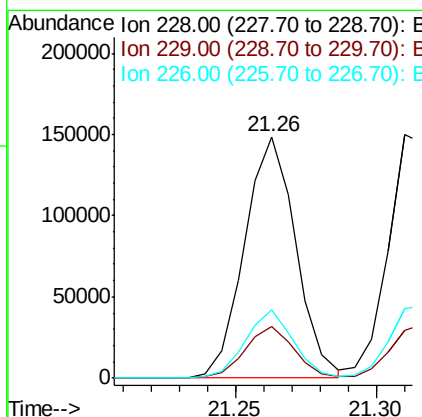
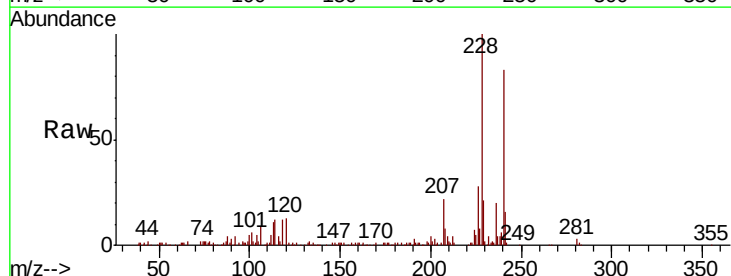
Tot Ion:252 Resp: 47538
Ion Ratio Lower Upper
252 100
254 62.6 49.2 73.8
126 12.9 9.0 13.4

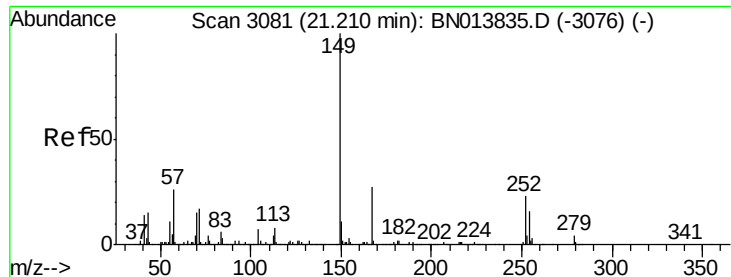


#83

Benzo(a)anthracene
Concen: 3.888 ng/ul
RT: 21.26 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BN013842.D
Acq: 04 Mar 2021 20:45

Tgt Ion:228 Resp: 187070
Ion Ratio Lower Upper
228 100
229 21.4 15.8 23.6
226 28.3 21.4 32.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.108 ng/ul

RT: 21.20 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-01

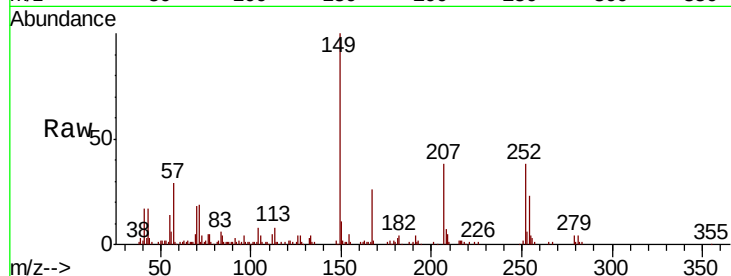
Tot Ion:149 Resp: 90117

Ion Ratio Lower Upper

149 100

167 26.1 21.7 32.5

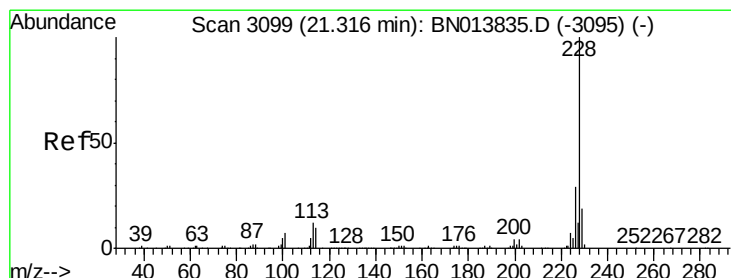
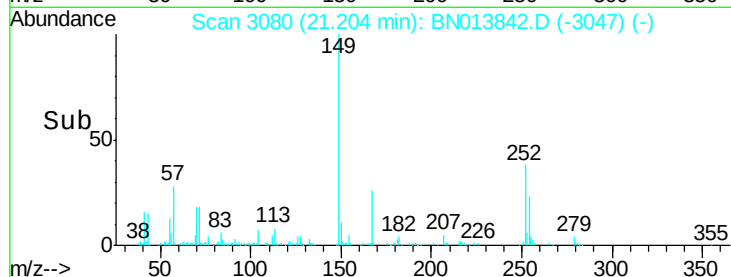
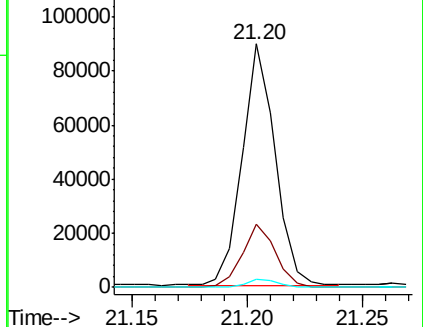
279 3.5 3.4 5.0



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: 4.051 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

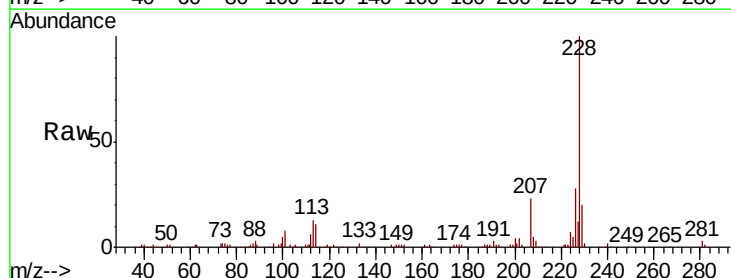
Tgt Ion:228 Resp: 189717

Ion Ratio Lower Upper

228 100

226 28.3 23.6 35.4

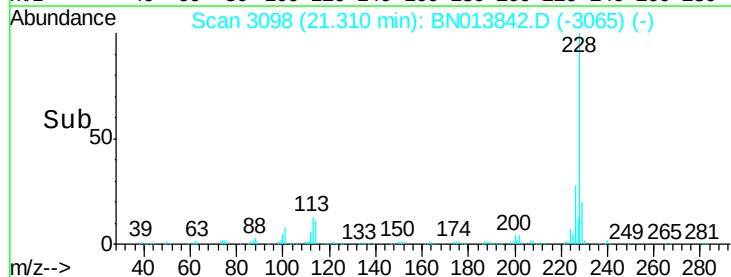
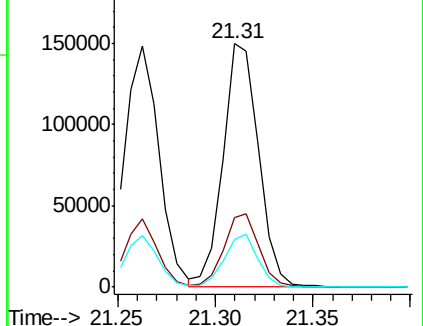
229 19.7 14.9 22.3

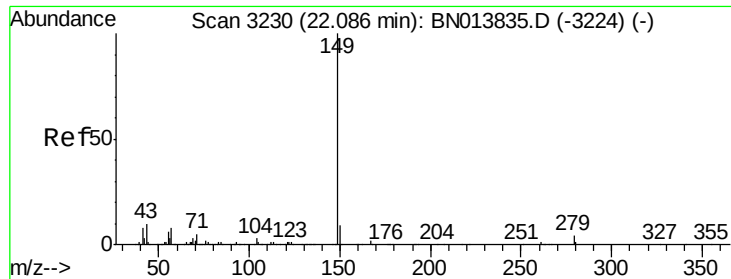


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

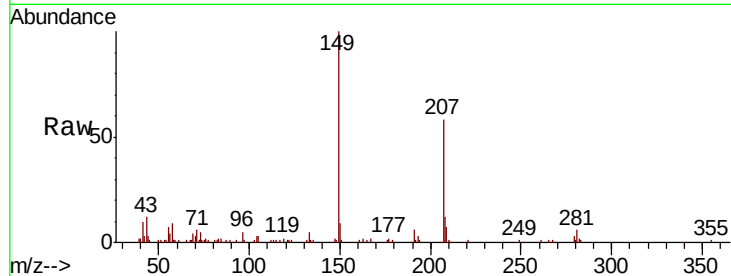




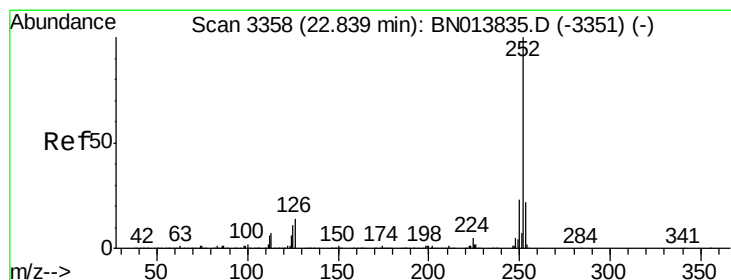
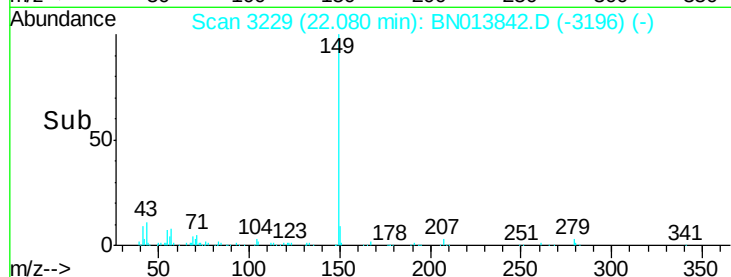
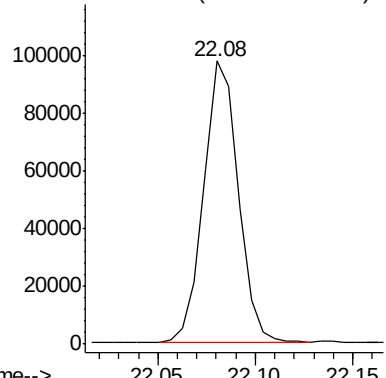
#87
 Di-n-octyl phthalate
 Concen: 2.359 ng/ul
 RT: 22.08 min Scan# 3229
 Delta R.T. -0.01 min
 Lab File: BN013842.D
 Acq: 04 Mar 2021 20:45

Instrument :
 BNA_N
 ClientSampled :
 MDL-SOIL-01

Tgt Ion:149 Resp: 120088



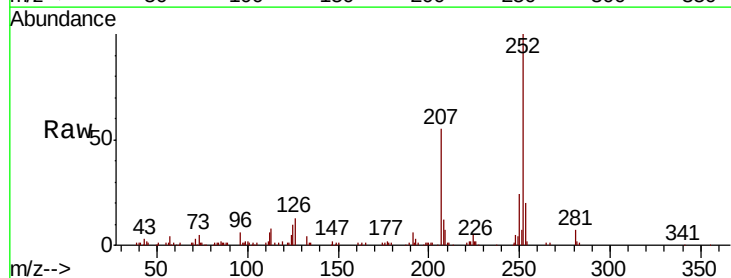
Abundance Ion 149.00 (148.70 to 149.70): E



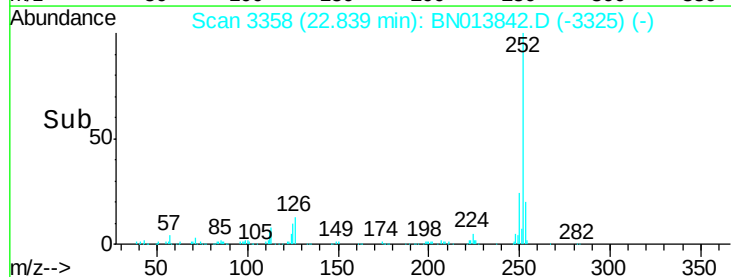
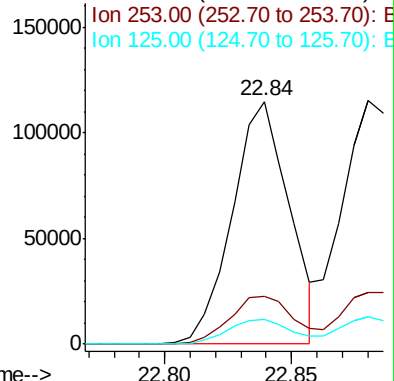
#88
 Benzo(b)fluoranthene
 Concen: 3.645 ng/ul
 RT: 22.84 min Scan# 3358
 Delta R.T. -0.01 min
 Lab File: BN013842.D
 Acq: 04 Mar 2021 20:45

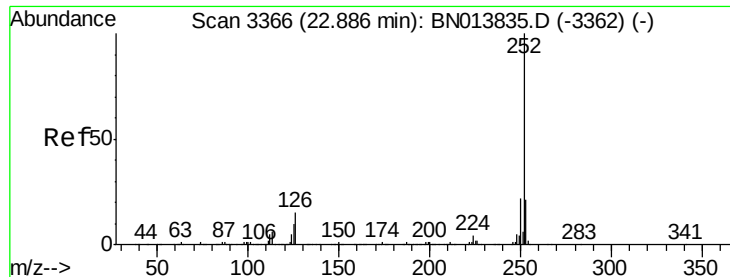
Tgt Ion:252 Resp: 180387

Ion	Ratio	Lower	Upper
252	100		
253	19.9	18.6	27.8
125	10.3	9.3	13.9



Abundance Ion 252.00 (251.70 to 252.70): E





#89

Benzo(k)fluoranthene

Concen: 3.894 ng/ul

RT: 22.88 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-01

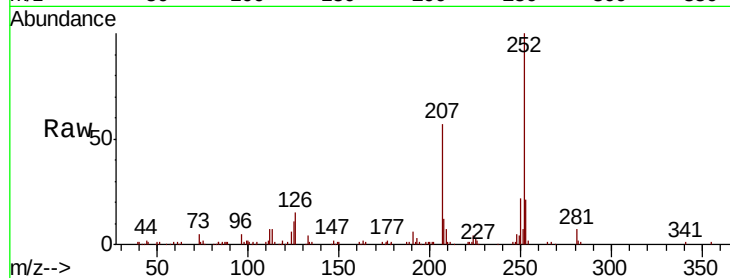
Tot Ion:252 Resp: 193366

Ion Ratio Lower Upper

252 100

253 21.3 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

22.88

150000

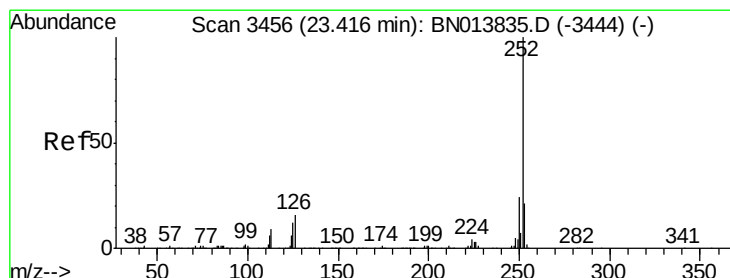
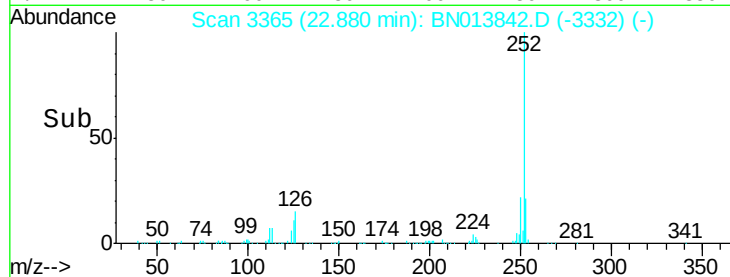
100000

50000

0

22.85 22.90 22.95

Time-->



#91

Benzo(a)pyrene

Concen: 3.901 ng/ul

RT: 23.41 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

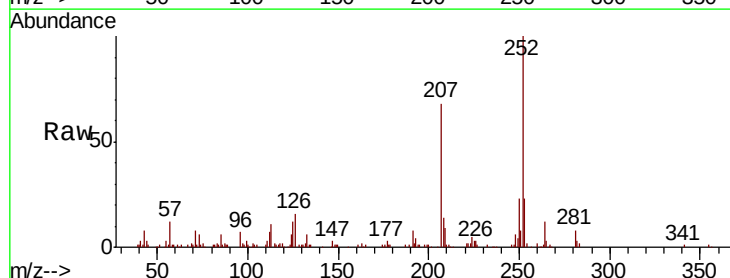
Tgt Ion:252 Resp: 175005

Ion Ratio Lower Upper

252 100

253 23.5 16.9 25.3

125 12.1 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

23.41

120000

100000

80000

60000

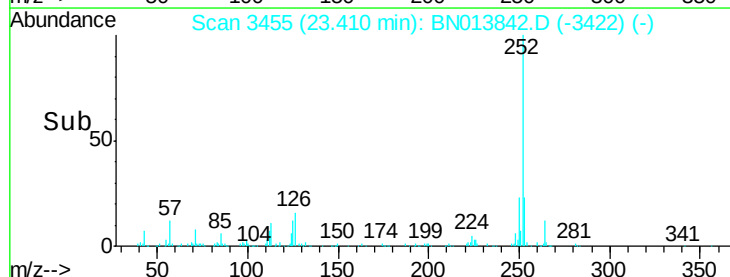
40000

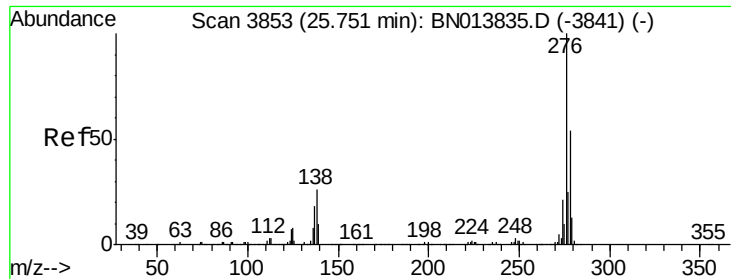
20000

0

23.30 23.40 23.50

Time-->





#92

Indeno(1,2,3-cd)pyrene

Concen: 3.611 ng/ul

RT: 25.75 min Scan# 3853

Delta R.T. -0.01 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-01

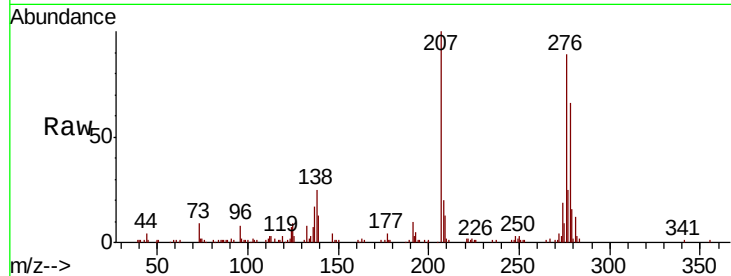
Tot Ion:276 Resp: 202453

Ion Ratio Lower Upper

276 100

138 28.2 20.3 30.5

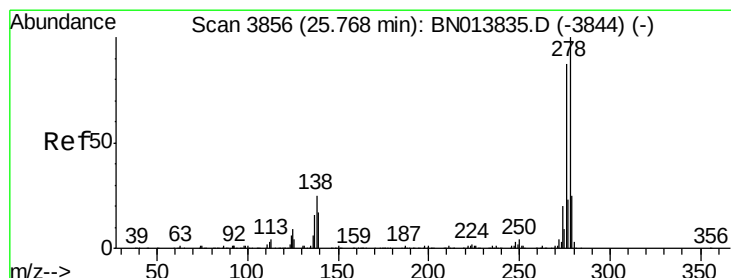
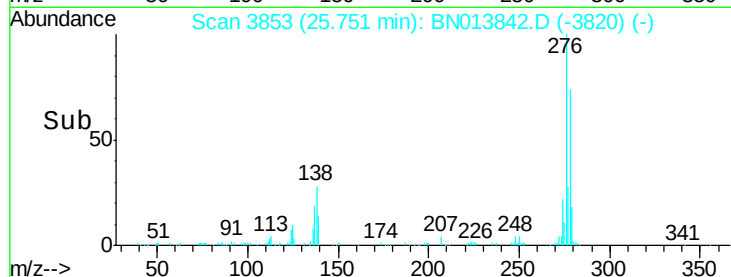
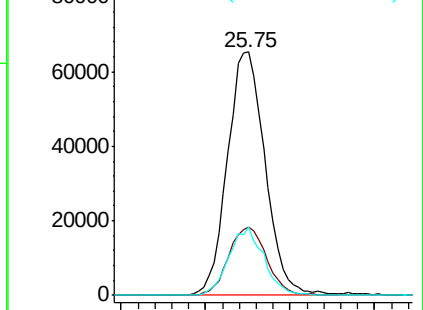
277 27.8 18.3 27.5#



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: 3.612 ng/ul

RT: 25.76 min Scan# 3855

Delta R.T. -0.01 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

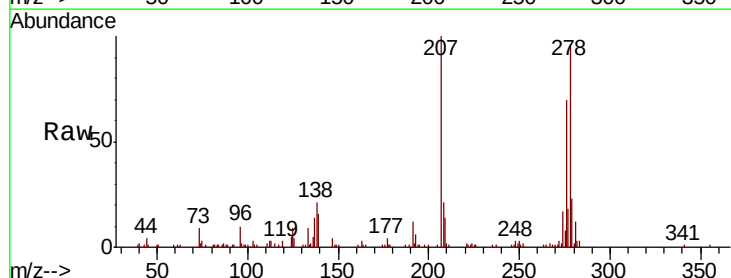
Tgt Ion:278 Resp: 172655

Ion Ratio Lower Upper

278 100

139 16.9 14.2 21.2

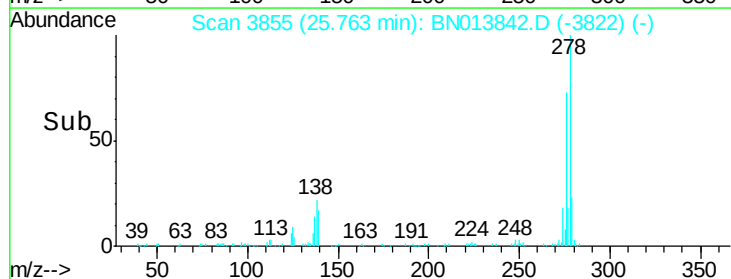
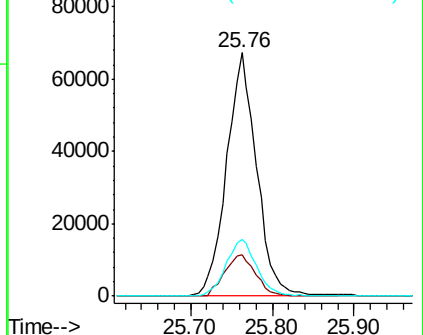
279 23.4 18.5 27.7

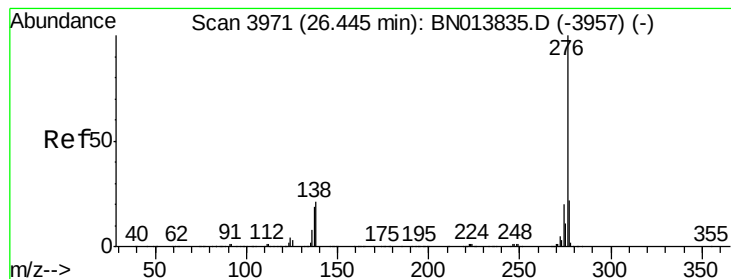


Abundance Ion 278.00 (277.70 to 278.70): E

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: 3.585 ng/ul

RT: 26.43 min Scan# 3969

Delta R.T. -0.01 min

Lab File: BN013842.D

Acq: 04 Mar 2021 20:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-01

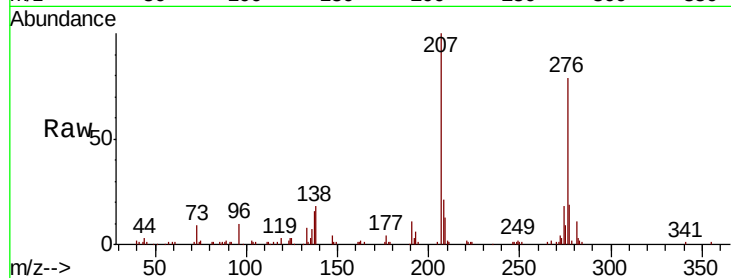
Tot Ion:276 Resp: 168809

Ion Ratio Lower Upper

276 100

138 23.1 17.5 26.3

277 24.7 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

