

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030921\
 Data File : BN013889.D
 Acq On : 09 Mar 2021 13:19
 Operator : CG/JU
 Sample : M1534-11
 Misc : SOM-MDL-S-04
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-04

Quant Time: Mar 09 13:50:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 09 09:50:00 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	173191	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	714586	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	421406	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	872631	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	868728	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	885624	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	19283	4.42	ng/uL	0.00
5) Phenol-d5	6.88	99	478954	34.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	318788	36.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	387861	36.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	362404	34.16	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	175943	36.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	170705	37.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	341074	34.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	497372	40.25	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	1015401	35.88	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1332785	35.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	168038	31.66	ng/ul	0.00
58) Fluorene-d10	15.35	176	918460	36.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	116028	28.61	ng/ul	0.00
71) Anthracene-d10	17.19	188	1381842	36.23	ng/ul	0.00
79) Pyrene-d10	19.48	212	1450868	34.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	1655342	37.54	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.26	88	4395	0.992	ng/uL# 87
4) Benzaldehyde	6.86	77	35864	5.087	ng/ul 98
6) Phenol	6.91	94	56777	3.782	ng/ul 100
8) Bis(2-Chloroethyl)ether	7.15	93	44928	3.827	ng/ul 96
10) 2-Chlorophenol	7.28	128	44243	3.877	ng/ul 95
11) 2-Methylphenol	8.15	108	36001	3.324	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.25	45	67248	3.751	ng/ul 97
14) Acetophenone	8.53	105	66651	3.814	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.52	70	30142	3.476	ng/ul 91
16) 4-Methylphenol	8.48	108	43139	3.671	ng/ul 99
17) Hexachloroethane	8.79	117	18105	3.740	ng/ul 90
20) Nitrobenzene	8.91	77	51016	3.900	ng/ul 97
21) Isophorone	9.43	82	74386	3.243	ng/ul 97
23) 2-Nitrophenol	9.62	139	21292	3.984	ng/ul 96
24) 2,4-Dimethylphenol	9.68	107	45382	3.606	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.92	93	56912	3.716	ng/ul 99
27) 2,4-Dichlorophenol	10.15	162	38833	3.782	ng/ul 92
28) Naphthalene	10.55	128	147775	3.989	ng/ul 99
30) 4-Chloroaniline	10.65	127	56975	4.438	ng/ul 99
31) Hexachlorobutadiene	10.83	225	25635	3.920	ng/ul 94
32) Caprolactam	11.42	113	7194	2.315	ng/ul 91
33) 4-Chloro-3-methylphenol	11.78	107	33519	3.203	ng/ul 98
34) 2-Methylnaphthalene	12.16	142	96900	3.829	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.38	142	92575	3.795	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	49212	3.879	ng/ul	98
38) Hexachlorocyclopentadiene	12.52	237	23526	3.114	ng/ul	97
39) 2,4,6-Trichlorophenol	12.78	196	22564	3.081	ng/ul	98
40) 2,4,5-Trichlorophenol	12.84	196	26968	3.357	ng/ul	93
41) 1,1'-Biphenyl	13.18	154	125080	3.947	ng/ul	98
42) 2-Chloronaphthalene	13.22	162	97926	3.953	ng/ul	99
43) 2-Nitroaniline	13.42	65	18069	2.813	ng/ul	96
45) Dimethylphthalate	13.81	163	115451	3.943	ng/ul	98
46) 2,6-Dinitrotoluene	13.92	165	15340	2.924	ng/ul	94
48) Acenaphthylene	14.07	152	144161	3.973	ng/ul	100
49) 3-Nitroaniline	14.25	138	17280	3.028	ng/ul	98
50) Acenaphthene	14.42	153	102512	3.873	ng/ul	95
51) 2,4-Dinitrophenol	14.46	184	5439	1.969	ng/ul	97
53) 4-Nitrophenol	14.56	109	15964	3.734	ng/ul	99
54) Dibenzofuran	14.75	168	144051	3.948	ng/ul	96
55) 2,4-Dinitrotoluene	14.71	165	24614	3.283	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.97	232	19460	3.138	ng/ul	95
57) Diethylphthalate	15.17	149	105640	3.610	ng/ul	97
59) Fluorene	15.40	166	117464	3.956	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.40	204	54877	3.852	ng/ul	94
61) 4-Nitroaniline	15.41	138	18974	2.903	ng/ul#	93
64) 4,6-Dinitro-2-methylphenol	15.47	198	14417	3.374	ng/ul#	68
65) N-Nitrosodiphenylamine	15.61	169	93603	3.725	ng/ul	99
66) 4-Bromophenyl-phenylether	16.29	248	31226	3.736	ng/ul	94
67) Hexachlorobenzene	16.40	284	37334	3.739	ng/ul	96
68) Atrazine	16.56	200	23098	2.660	ng/ul	98
69) Pentachlorophenol	16.74	266	12554	2.386	ng/ul	90
70) Phenanthrene	17.13	178	178253	3.770	ng/ul	99
72) Anthracene	17.23	178	185973	3.869	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	49819	3.899	ng/uL	95
74) Pentachlorobenzene	14.67	250	44107	3.664	ng/uL	98
75) Carbazole	17.49	167	150383	3.507	ng/ul	99
76) Di-n-butylphthalate	18.06	149	134927	2.812	ng/ul	99
77) Fluoranthene	19.15	202	186546	3.568	ng/ul	97
80) Pvrene	19.51	202	218544	3.907	ng/ul	100
81) Butylbenzylphthalate	20.42	149	47596	2.472	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.19	252	43109	2.644	ng/ul	96
83) Benzo(a)anthracene	21.25	228	197056	3.685	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	74611	2.316	ng/ul	100
85) Chrysene	21.30	228	203095	3.902	ng/ul	99
87) Di-n-octyl phthalate	22.07	149	122913	2.221	ng/ul	100
88) Benzo(b)fluoranthene	22.82	252	194775	3.620	ng/ul	99
89) Benzo(k)fluoranthene	22.87	252	198738	3.682	ng/ul	97
91) Benzo(a)pyrene	23.40	252	193160	3.961	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.72	276	226390	3.715	ng/ul	99
93) Dibenzo(a,h)anthracene	25.74	278	184081	3.542	ng/ul	99
94) Benzo(a,h,i)perylene	26.40	276	182377	3.563	ng/ul	95

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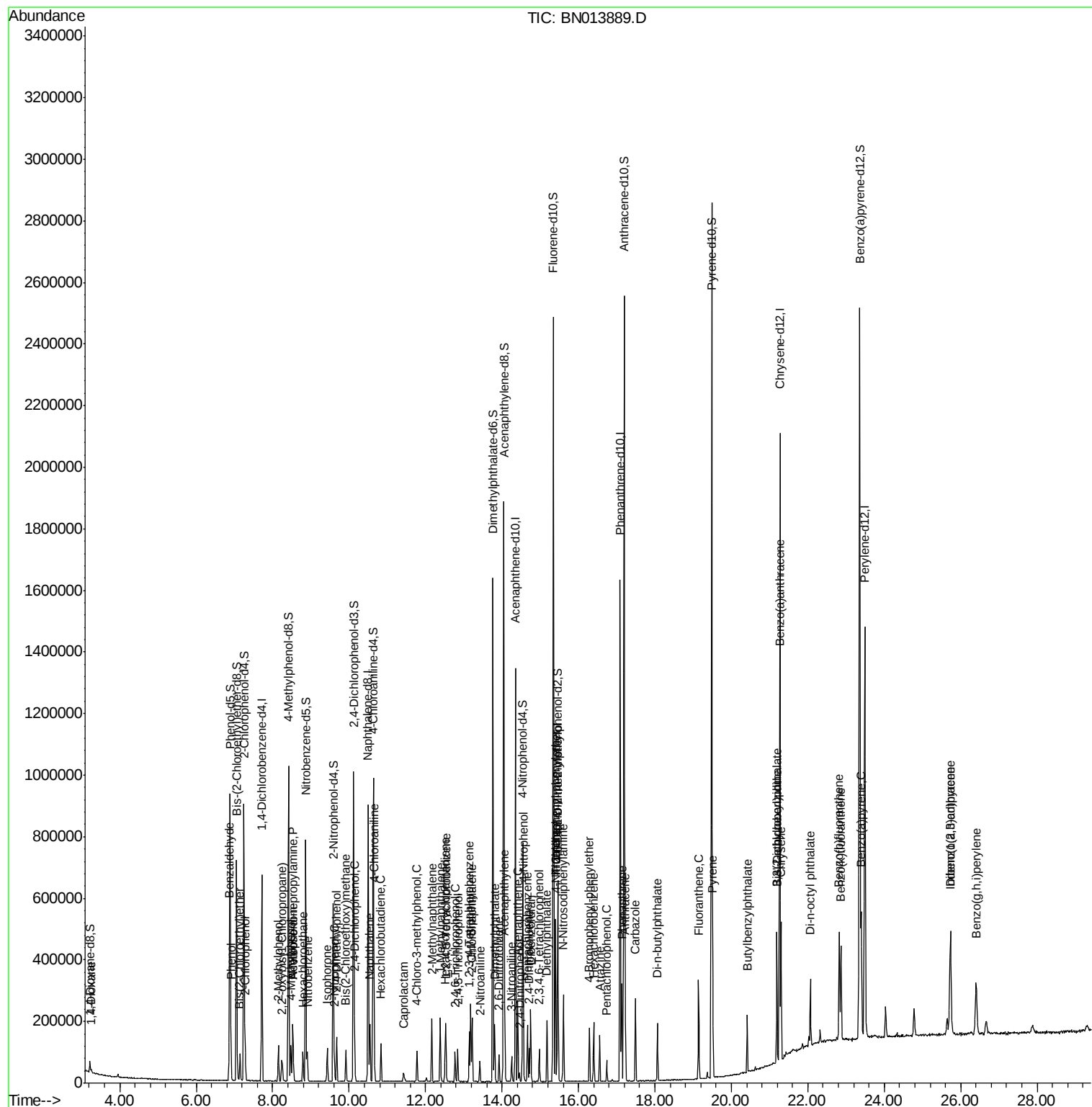
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

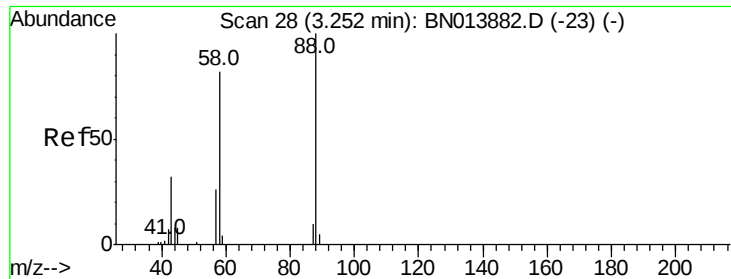
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 09 09:50:00 2021
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 0.992 ng/uL

RT: 3.26 min Scan# 29

Delta R.T. 0.01 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-04

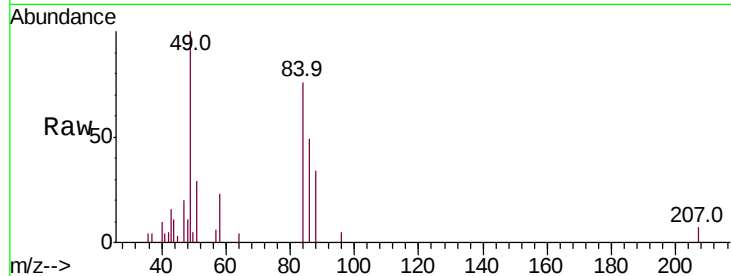
Tot Ion: 88 Resp: 4395

Ion Ratio Lower Upper

88 100

43 47.3 31.3 46.9#

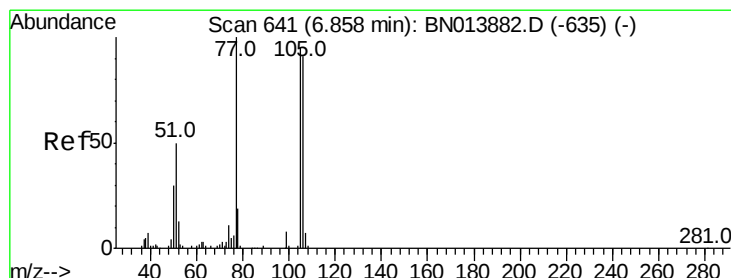
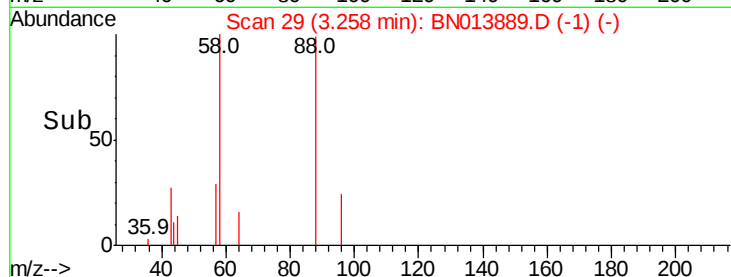
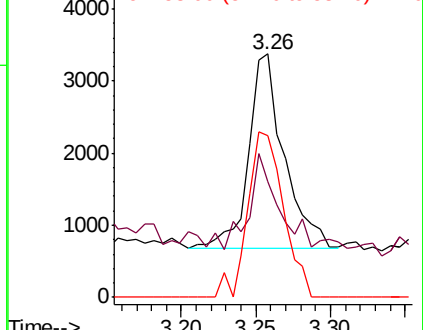
58 66.6 62.7 94.1



Abundance Ion 88.00 (87.70 to 88.70): BN013882.D (-23) (-)

Ion 43.00 (42.70 to 43.70): BN013882.D (-23) (-)

Ion 58.00 (57.70 to 58.70): BN013882.D (-23) (-)



#4

Benzaldehyde

Concen: 5.087 ng/uL

RT: 6.86 min Scan# 642

Delta R.T. 0.01 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

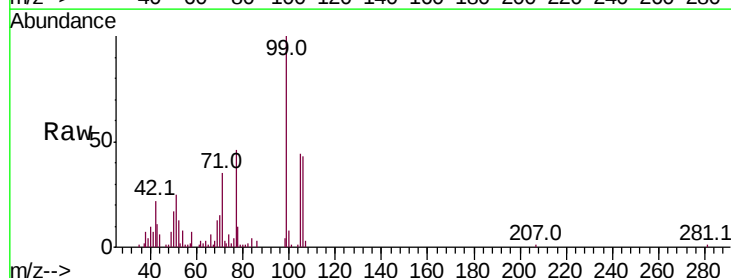
Tgt Ion: 77 Resp: 35864

Ion Ratio Lower Upper

77 100

105 95.5 78.7 118.1

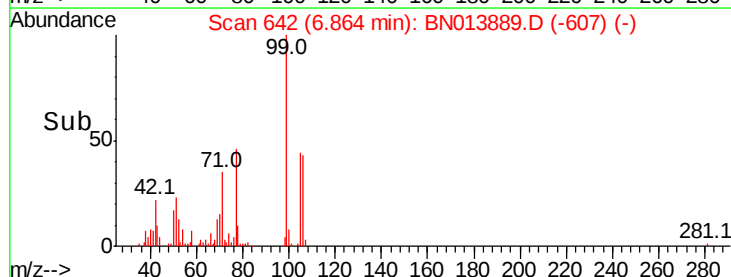
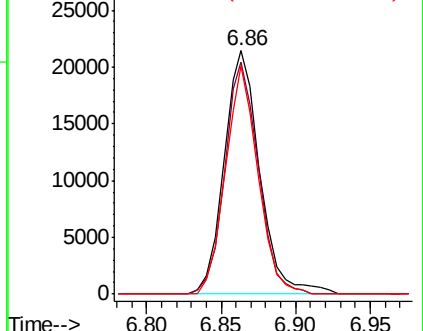
106 93.9 75.8 113.6

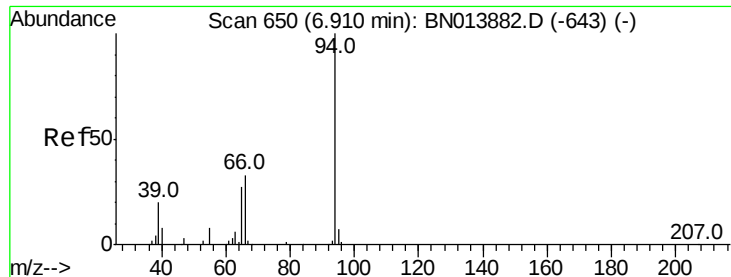


Abundance Ion 77.00 (76.70 to 77.70): BN013882.D (-635) (-)

Ion 105.00 (104.70 to 105.70): BN013882.D (-635) (-)

Ion 106.00 (105.70 to 106.70): BN013882.D (-635) (-)





#6

Phenol

Concen: 3.782 ng/ul

RT: 6.91 min Scan# 650

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

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ClientSampleId :

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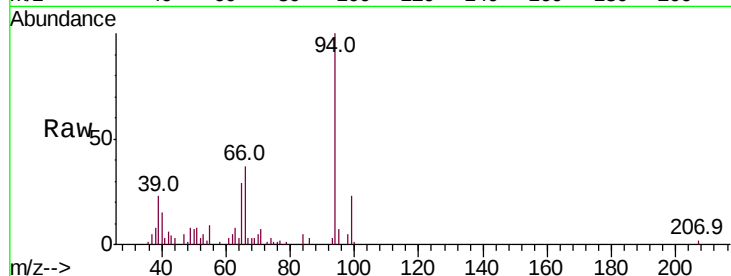
Tot Ion: 94 Resp: 56777

Ion Ratio Lower Upper

94 100

65 28.9 23.1 34.7

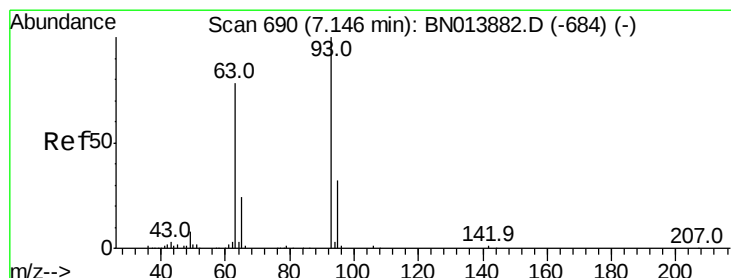
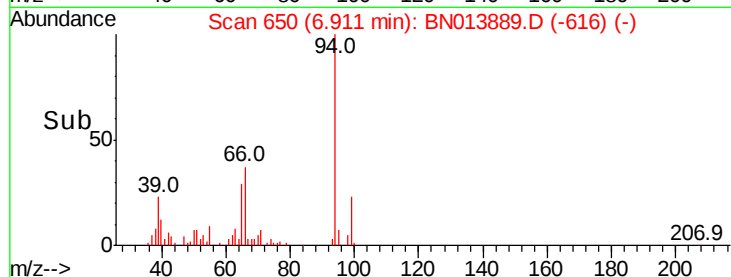
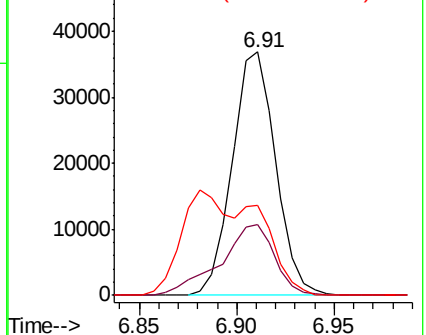
66 36.9 29.1 43.7



Abundance Ion 94.00 (93.70 to 94.70): BN013882.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BN013882.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BN013882.D (-643) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 3.827 ng/ul

RT: 7.15 min Scan# 690

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

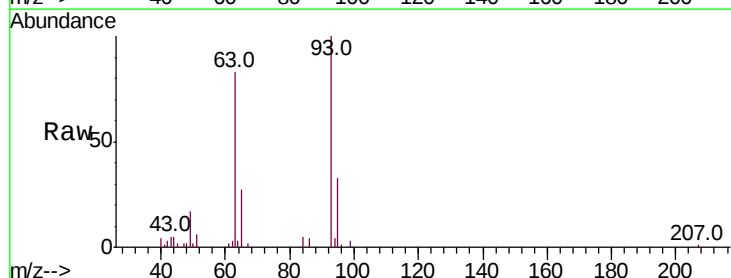
Tgt Ion: 93 Resp: 44928

Ion Ratio Lower Upper

93 100

63 82.8 63.1 94.7

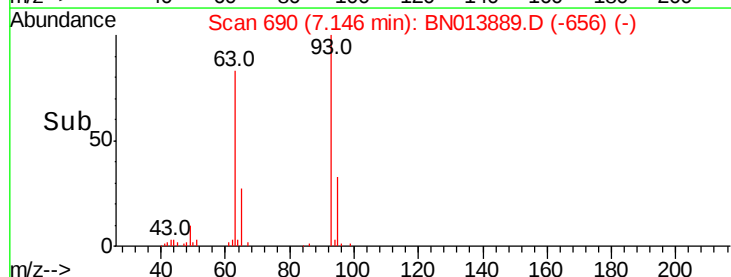
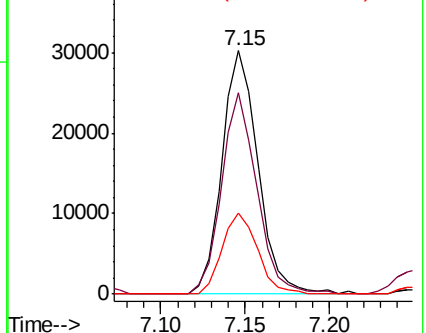
95 33.4 26.2 39.2

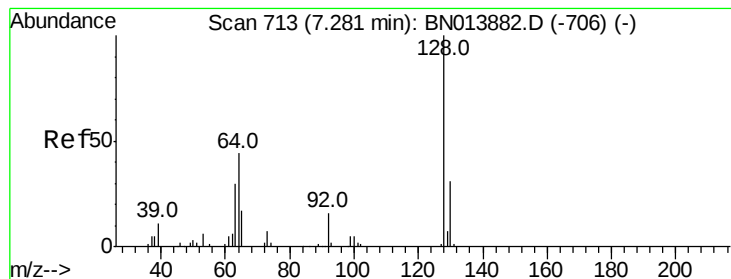


Abundance Ion 93.00 (92.70 to 93.70): BN013882.D (-684) (-)

Ion 63.00 (62.70 to 63.70): BN013882.D (-684) (-)

Ion 95.00 (94.70 to 95.70): BN013882.D (-684) (-)





#10

2-Chlorophenol

Concen: 3.877 ng/ul

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BN013889.D

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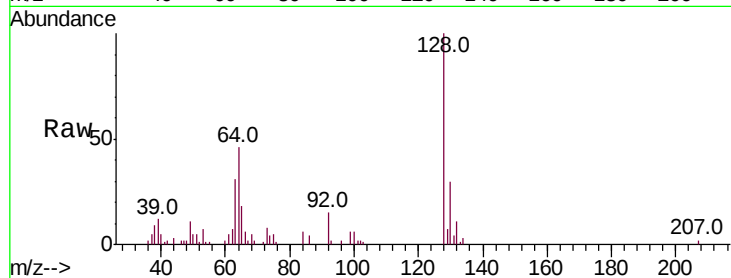
Tot Ion:128 Resp: 44243

Ion Ratio Lower Upper

128 100

64 46.5 40.1 60.1

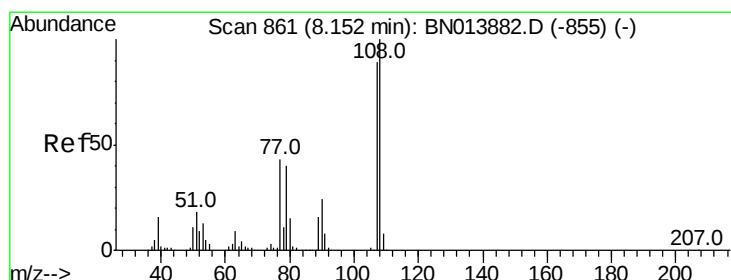
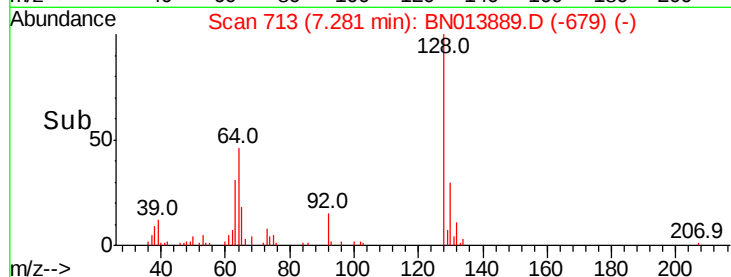
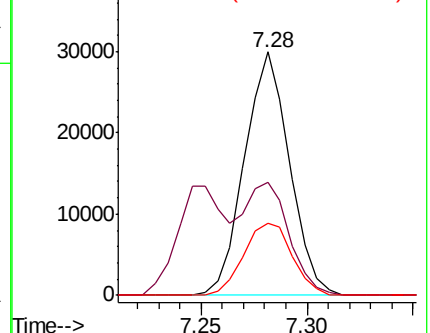
130 29.6 25.9 38.9



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: 3.324 ng/ul

RT: 8.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BN013889.D

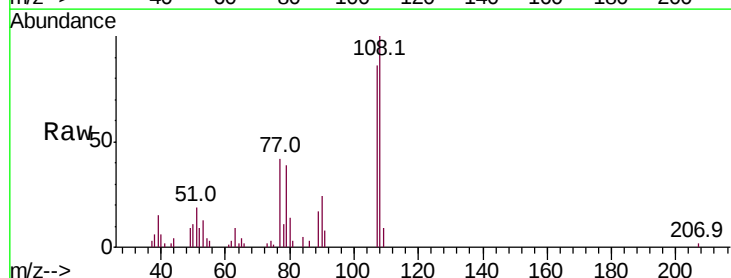
Acq: 09 Mar 2021 13:19

Tgt Ion:108 Resp: 36001

Ion Ratio Lower Upper

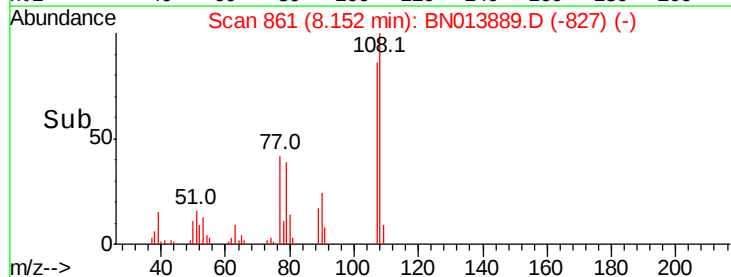
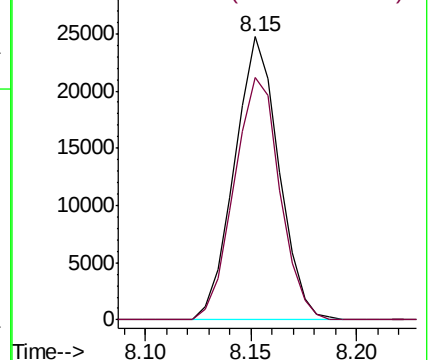
108 100

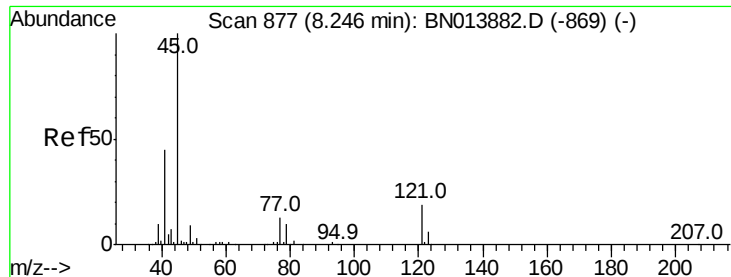
107 85.7 70.3 105.5



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: 3.751 ng/ul

RT: 8.25 min Scan# 877

Delta R.T. 0.00 min

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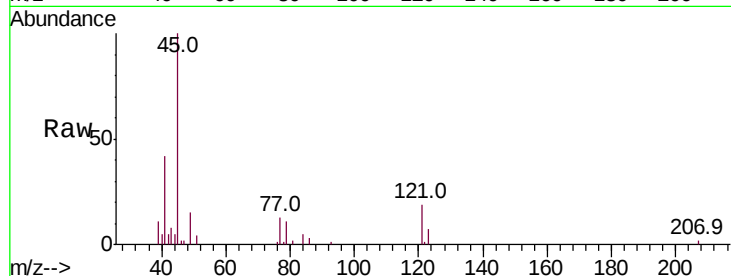
Tot Ion: 45 Resp: 67248

Ion Ratio Lower Upper

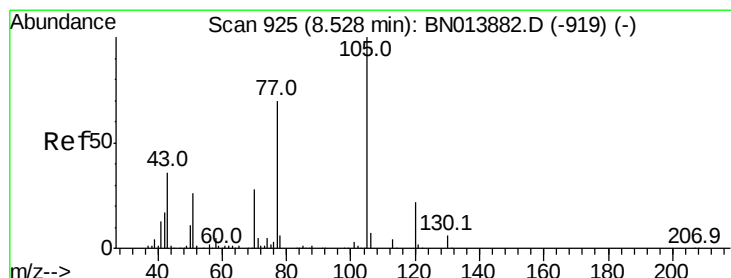
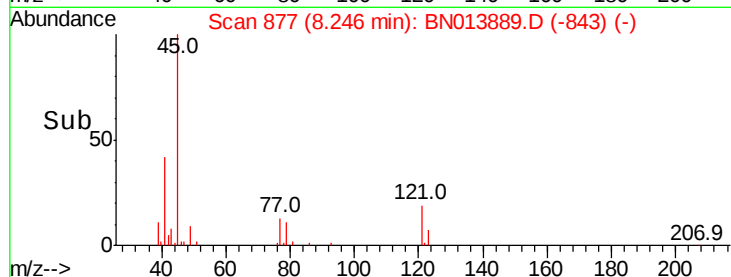
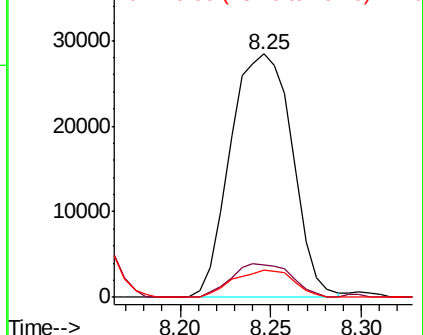
45 100

77 13.1 9.8 14.8

79 11.0 7.5 11.3



Abundance Ion 45.00 (44.70 to 45.70): BN0
Ion 77.00 (76.70 to 77.70): BN0
Ion 79.00 (78.70 to 79.70): BN0



#14

Acetophenone

Concen: 3.814 ng/ul

RT: 8.53 min Scan# 926

Delta R.T. 0.01 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

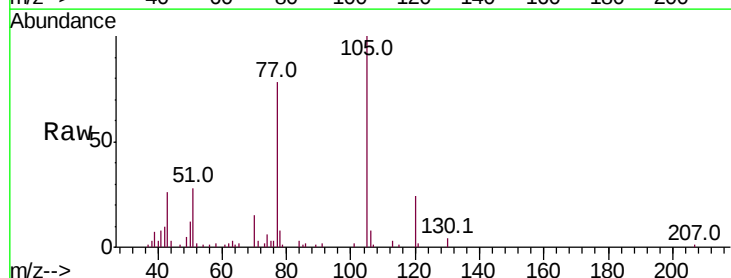
Tgt Ion: 105 Resp: 66651

Ion Ratio Lower Upper

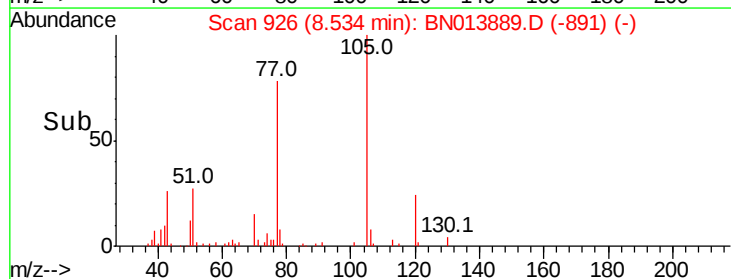
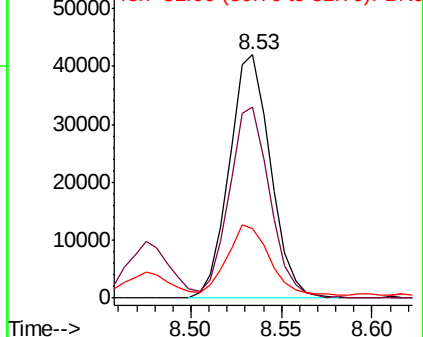
105 100

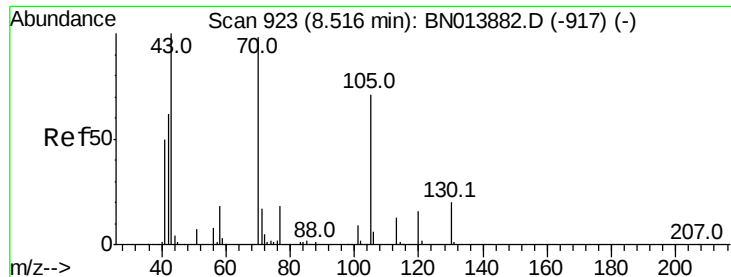
77 78.4 62.0 93.0

51 28.4 23.7 35.5



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BN0
Ion 51.00 (50.70 to 51.70): BN0





#15

N-Nitroso-di-n-propylamine

Concen: 3.476 ng/ul

RT: 8.52 min Scan# 924

Delta R.T. 0.01 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-04

Tot Ion: 70 Resp: 30142

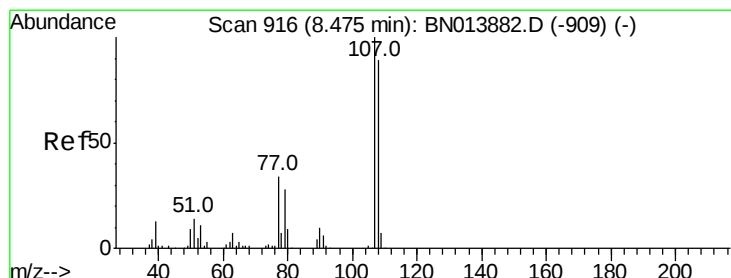
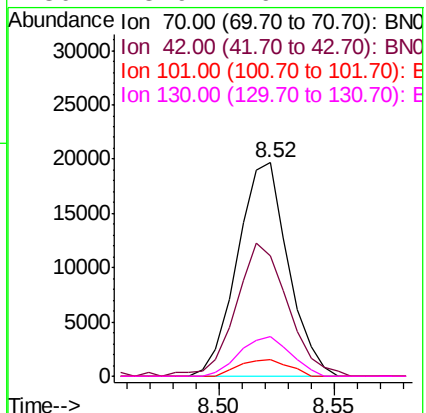
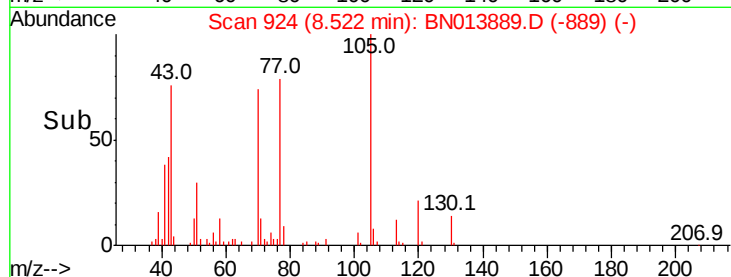
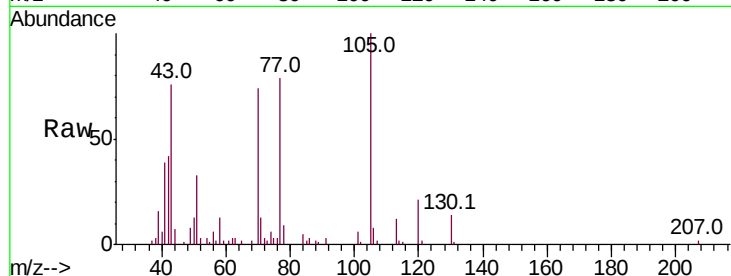
Ion Ratio Lower Upper

70 100

42 56.6 52.4 78.6

101 7.9 7.6 11.4

130 18.9 16.1 24.1



#16

4-Methylphenol

Concen: 3.671 ng/ul

RT: 8.48 min Scan# 916

Delta R.T. 0.00 min

Lab File: BN013889.D

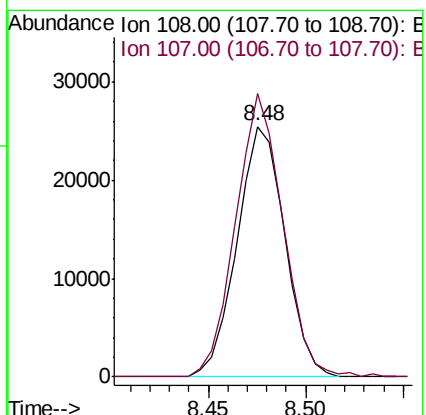
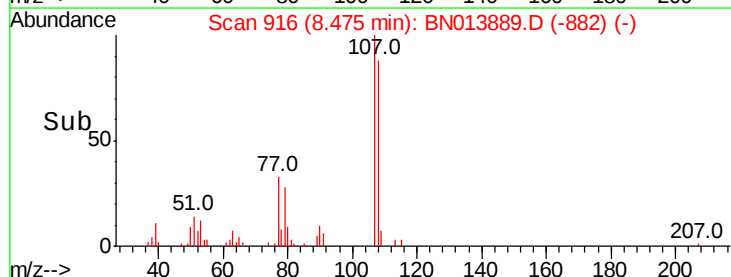
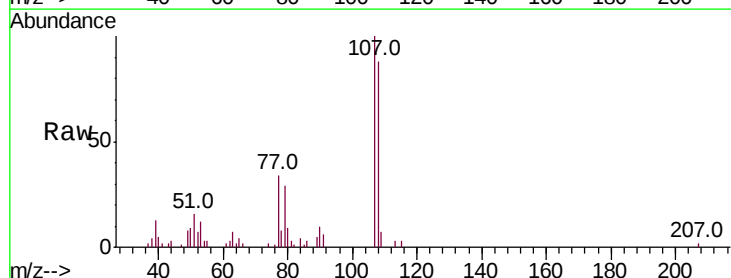
Acq: 09 Mar 2021 13:19

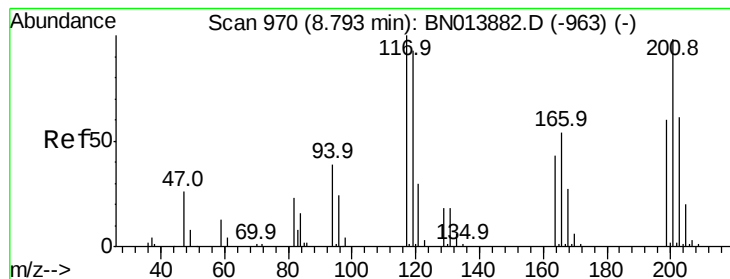
Tgt Ion: 108 Resp: 43139

Ion Ratio Lower Upper

108 100

107 113.2 89.9 134.9





#17

Hexachloroethane

Concen: 3.740 ng/ul

RT: 8.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-04

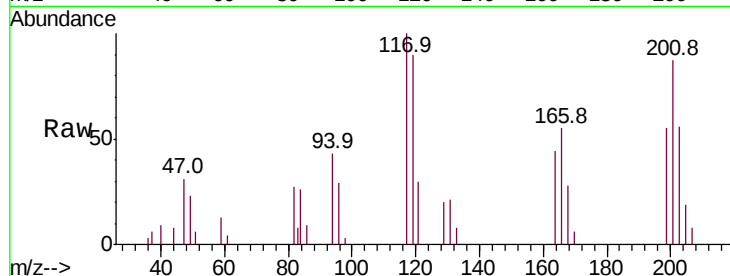
Tot Ion:117 Resp: 18105

Ion Ratio Lower Upper

117 100

201 86.8 77.8 116.6

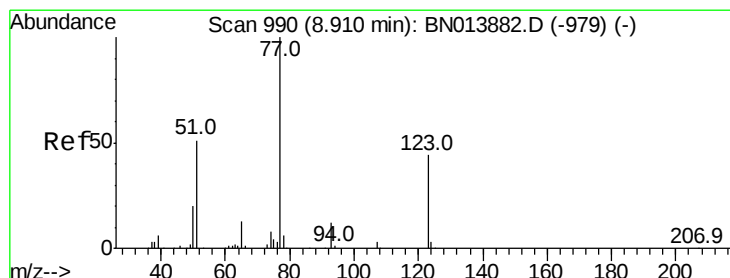
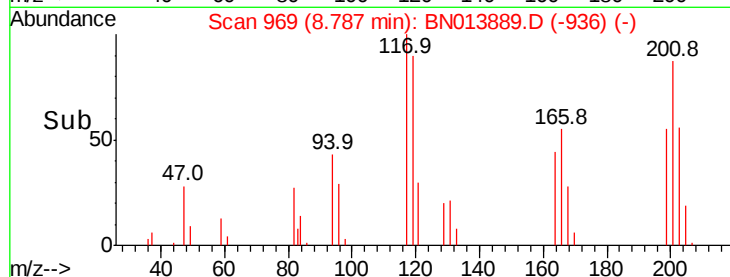
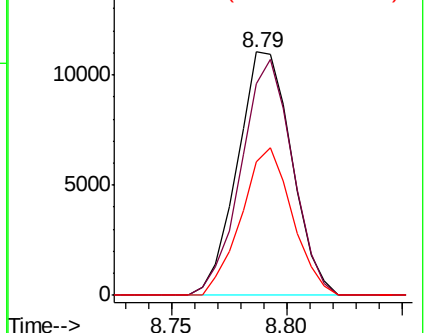
199 55.0 49.6 74.4



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: 3.900 ng/ul

RT: 8.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

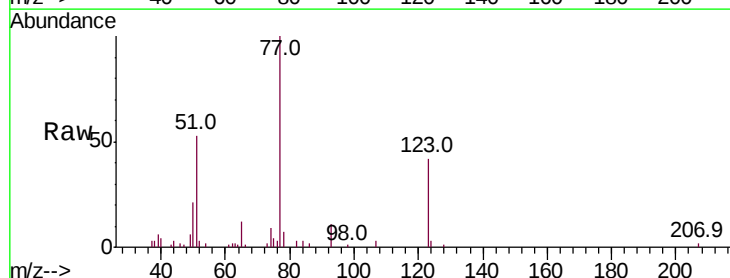
Tgt Ion: 77 Resp: 51016

Ion Ratio Lower Upper

77 100

123 42.0 34.7 52.1

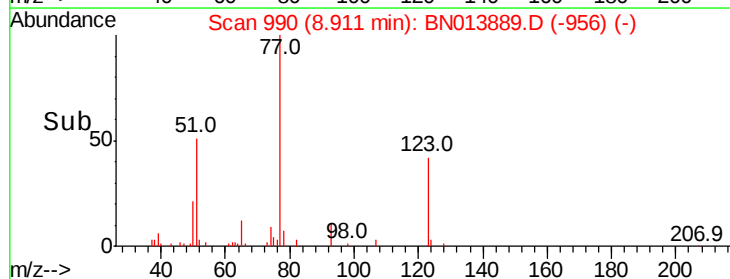
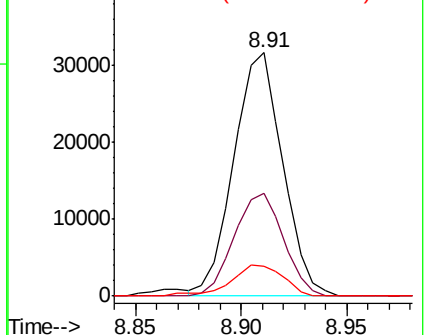
65 12.2 11.0 16.4

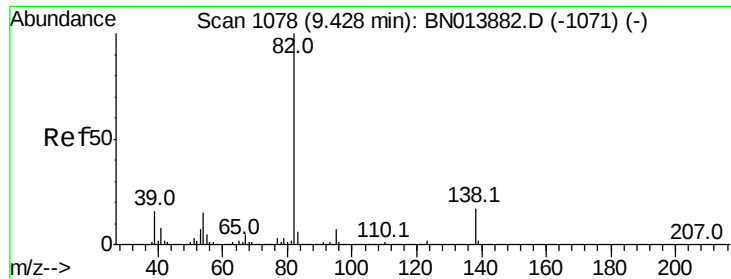


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BNC





#21

Isophorone

Concen: 3.243 ng/ul

RT: 9.43 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-04

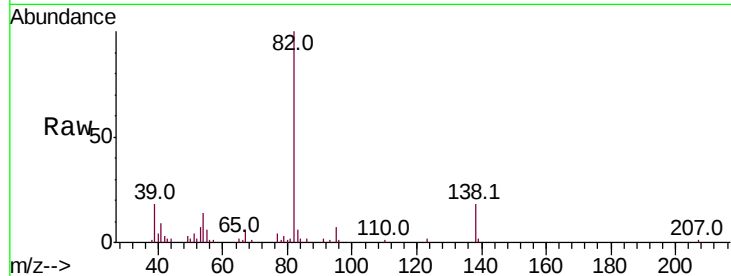
Tot Ion: 82 Resp: 74386

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

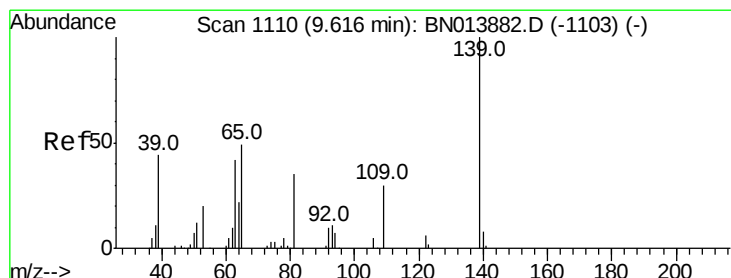
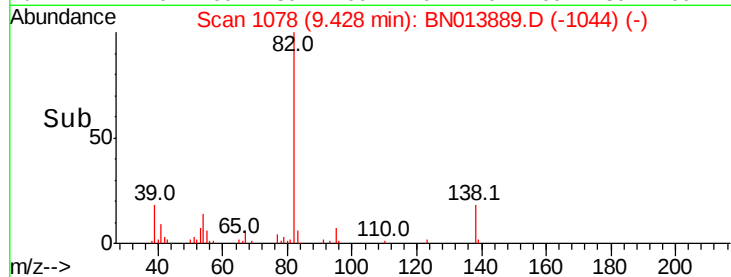
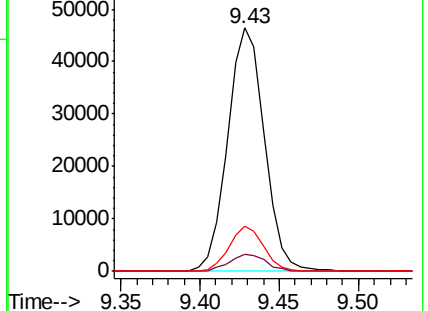
138 18.4 13.8 20.6



Abundance Ion 82.00 (81.70 to 82.70): BN013882.D (-1071) (-)

Ion 95.00 (94.70 to 95.70): BN013882.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BN013882.D (-1071) (-)



#23

2-Nitrophenol

Concen: 3.984 ng/ul

RT: 9.62 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

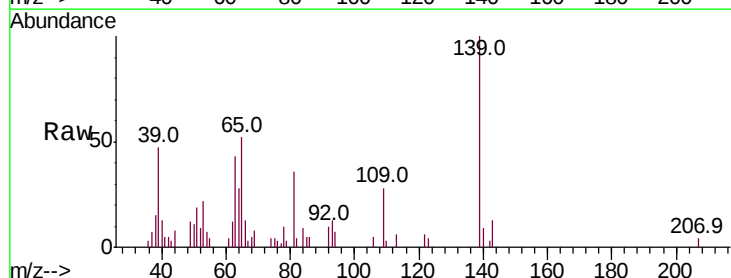
Tgt Ion: 139 Resp: 21292

Ion Ratio Lower Upper

139 100

65 52.3 43.9 65.9

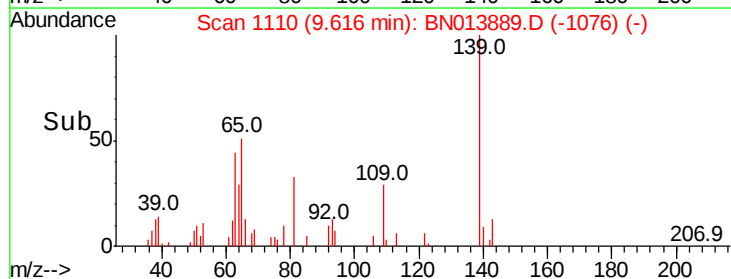
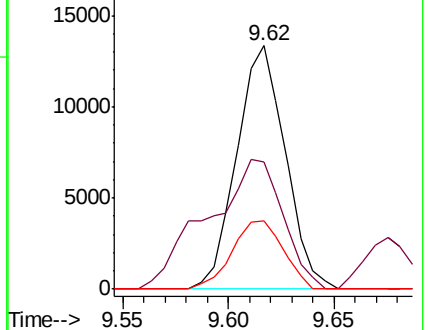
109 28.2 24.2 36.4

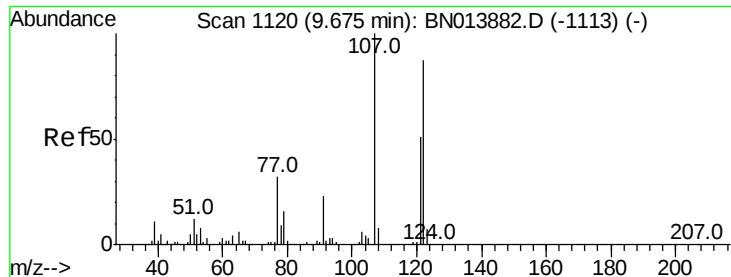


Abundance Ion 139.00 (138.70 to 139.70): BN013882.D (-1103) (-)

Ion 65.00 (64.70 to 65.70): BN013882.D (-1103) (-)

Ion 109.00 (108.70 to 109.70): BN013882.D (-1103) (-)

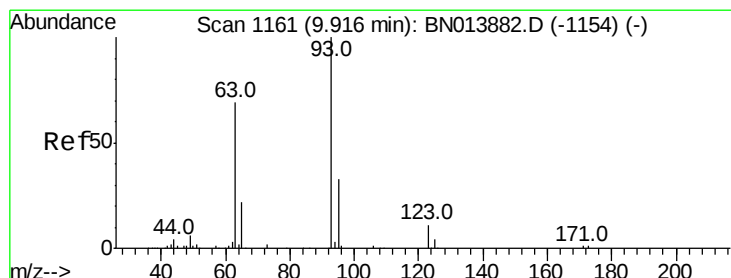
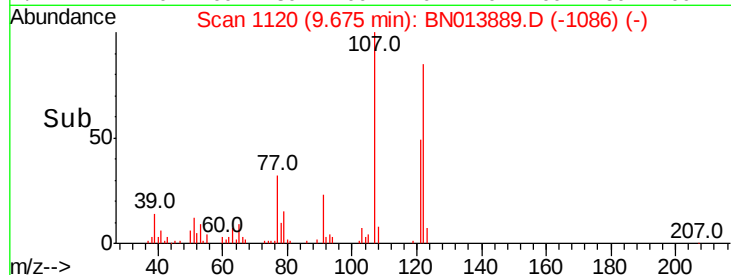
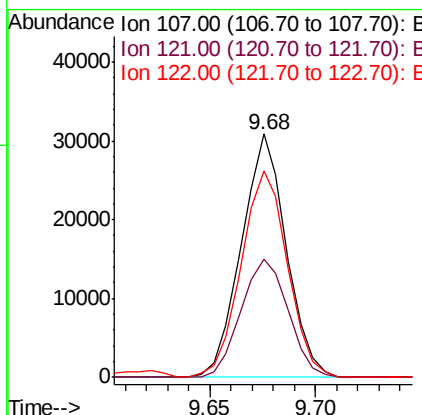
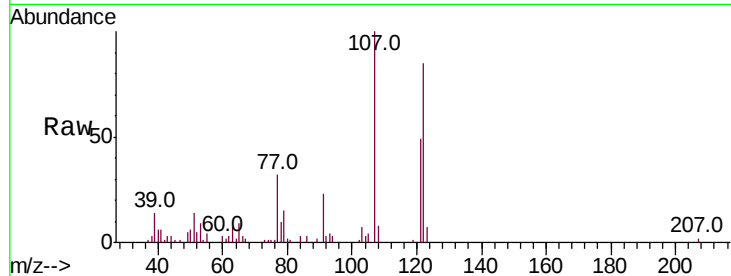




#24
2,4-Dimethylphenol
Concen: 3.606 ng/ul
RT: 9.68 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BN013889.D
Acq: 09 Mar 2021 13:19

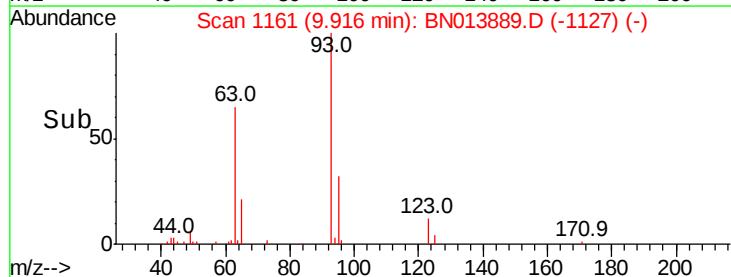
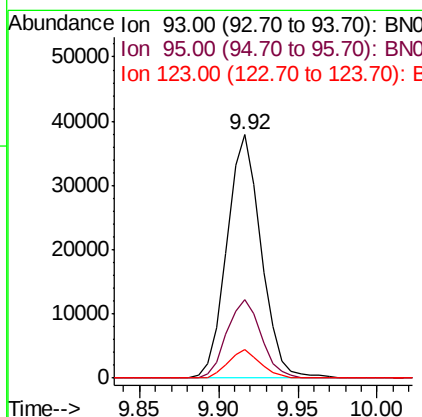
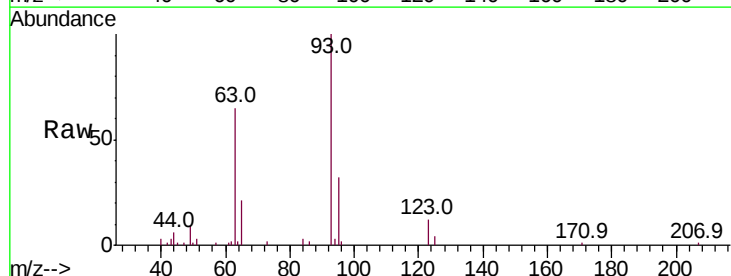
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-04

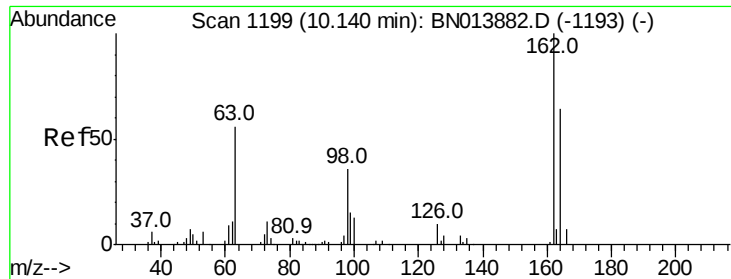
Tot Ion:107 Resp: 45382
Ion Ratio Lower Upper
107 100
121 48.6 40.6 61.0
122 84.8 67.0 100.6



#25
Bis(2-Chloroethoxy)methane
Concen: 3.716 ng/ul
RT: 9.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BN013889.D
Acq: 09 Mar 2021 13:19

Tgt Ion: 93 Resp: 56912
Ion Ratio Lower Upper
93 100
95 32.0 26.2 39.2
123 11.6 8.7 13.1

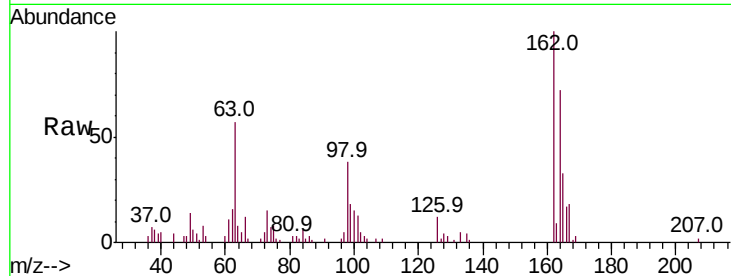




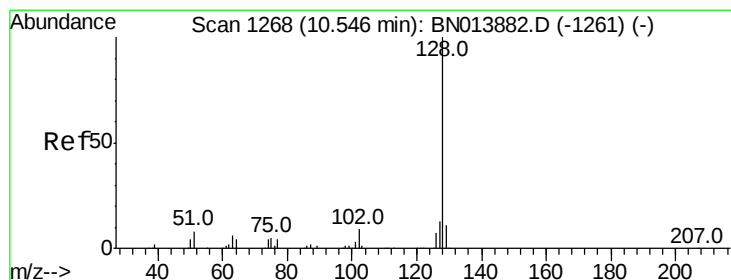
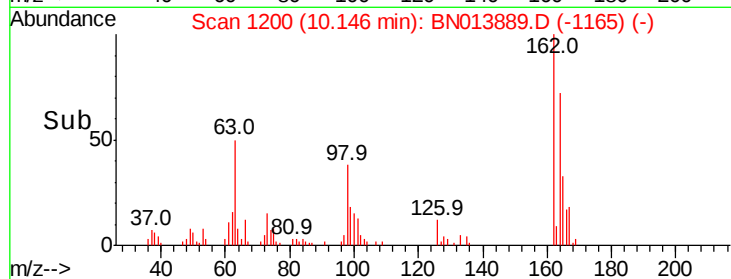
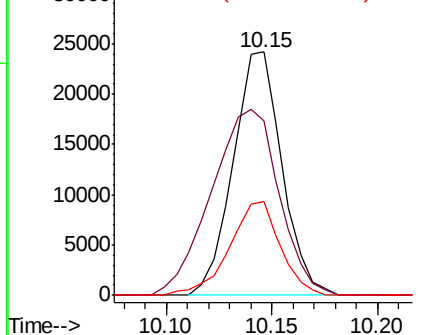
#27
 2,4-Dichlorophenol
 Concen: 3.782 ng/ul
 RT: 10.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BN013889.D
 Acq: 09 Mar 2021 13:19

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-04

Tot Ion:162 Resp: 38833
 Ion Ratio Lower Upper
 162 100
 164 71.7 51.0 76.6
 98 38.3 28.6 43.0

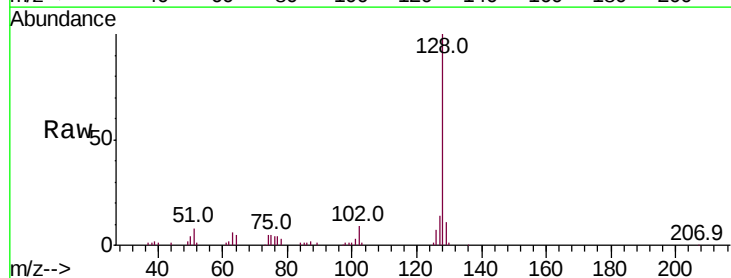


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BNO

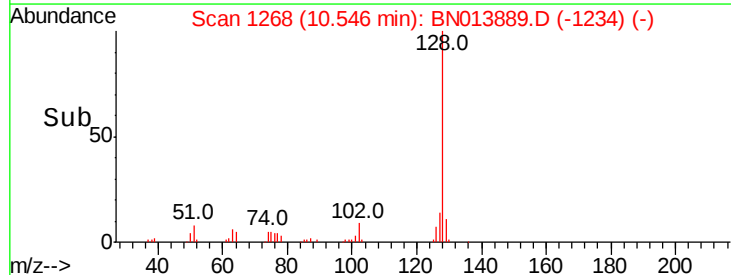
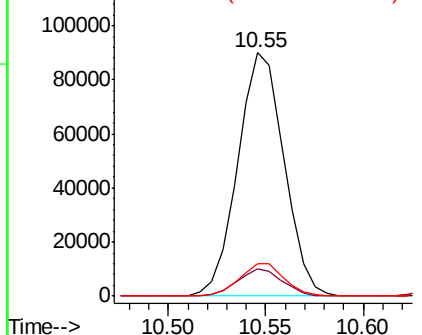


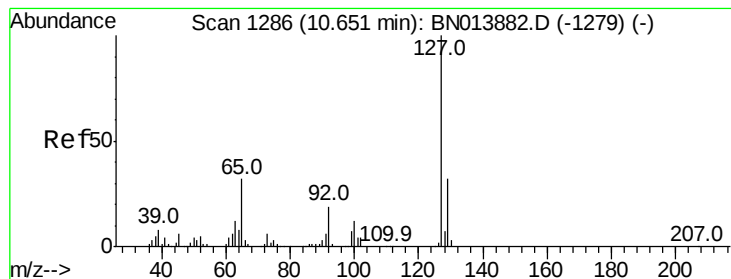
#28
 Naphthalene
 Concen: 3.989 ng/ul
 RT: 10.55 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BN013889.D
 Acq: 09 Mar 2021 13:19

Tgt Ion:128 Resp: 147775
 Ion Ratio Lower Upper
 128 100
 129 11.4 8.9 13.3
 127 13.5 10.6 16.0



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





#30

4-Chloroaniline

Concen: 4.438 ng/ul

RT: 10.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

Instrument :

BNA_N

ClientSampleId :

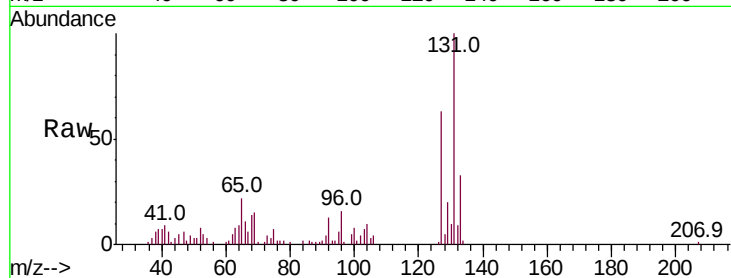
MDL-SOIL-04

Tot Ion:127 Resp: 56975

Ion Ratio Lower Upper

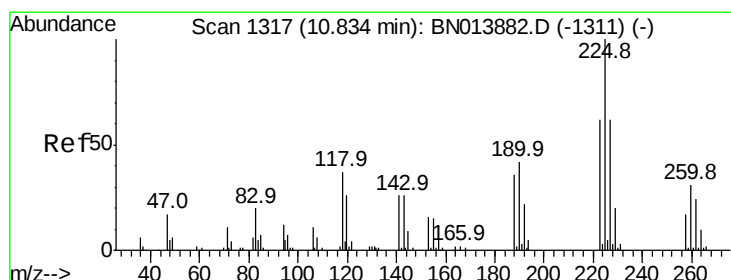
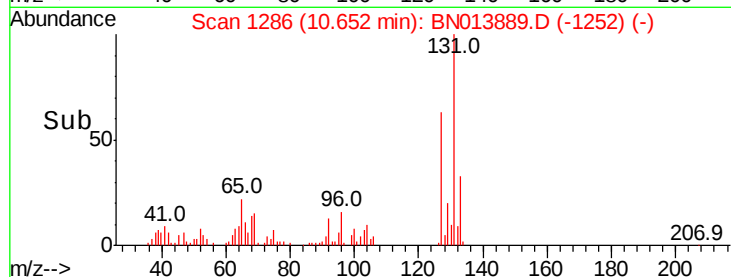
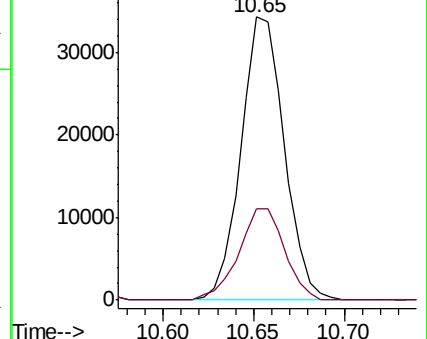
127 100

129 32.5 26.4 39.6



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#31

Hexachlorobutadiene

Concen: 3.920 ng/ul

RT: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

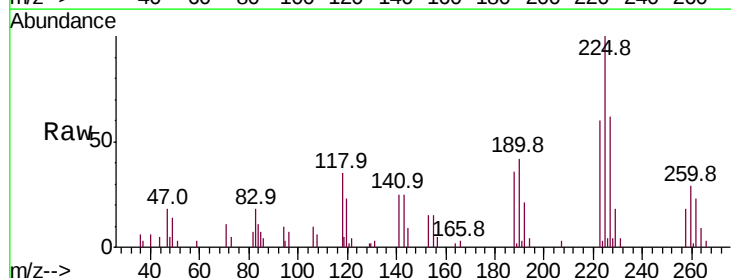
Tgt Ion:225 Resp: 25635

Ion Ratio Lower Upper

225 100

223 57.3 50.6 76.0

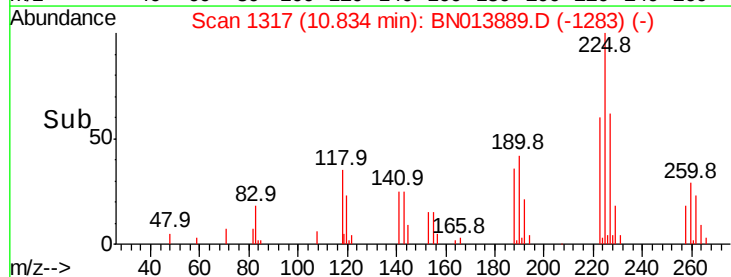
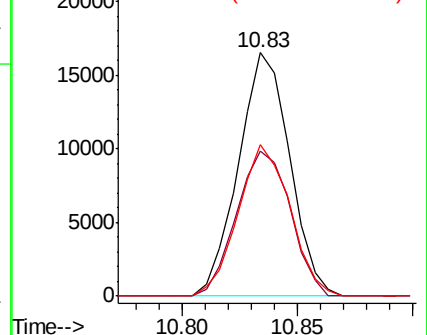
227 59.6 51.0 76.4

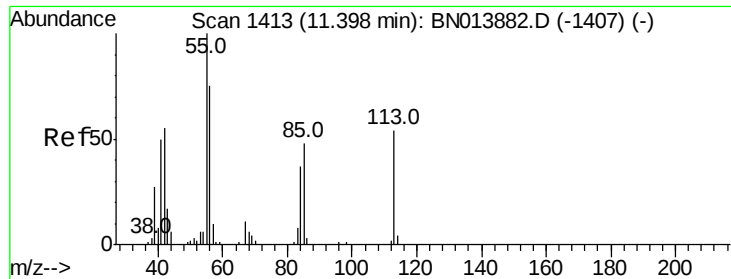


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 2.315 ng/ul

RT: 11.42 min Scan# 1417

Delta R.T. 0.02 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-04

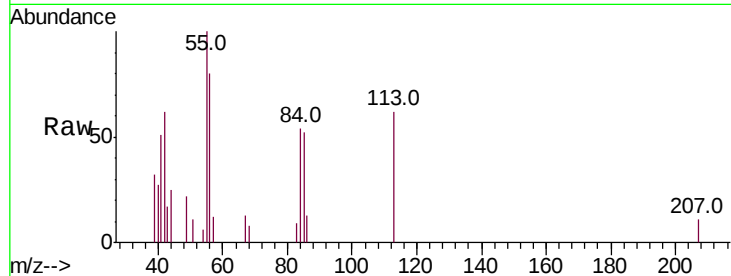
Tot Ion:113 Resp: 7194

Ion Ratio Lower Upper

113 100

55 162.3 145.6 218.4

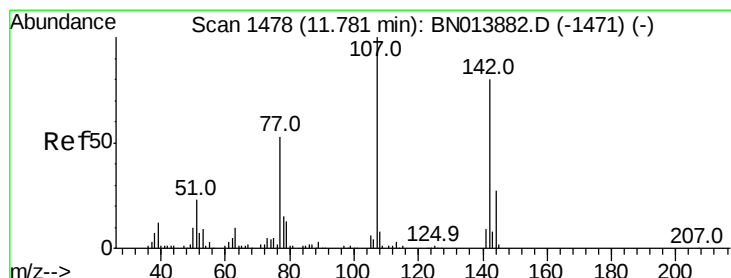
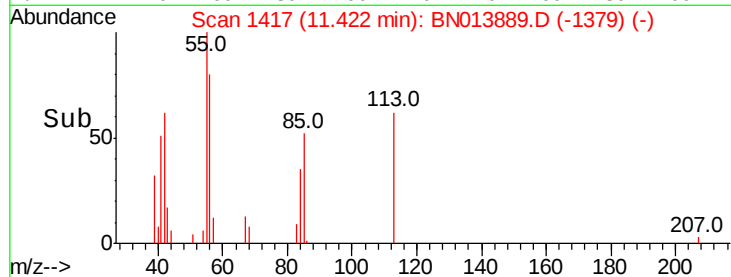
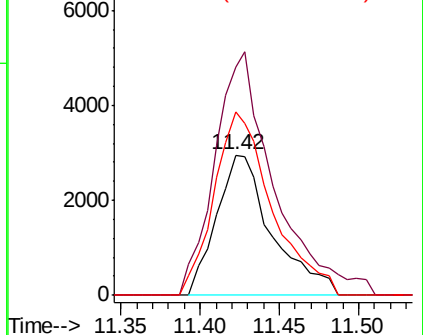
56 130.5 103.3 154.9



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: 3.203 ng/ul

RT: 11.78 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

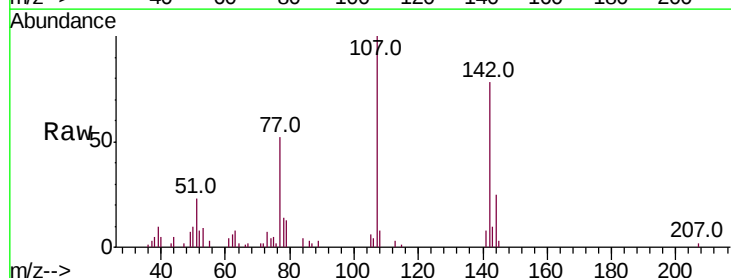
Tgt Ion:107 Resp: 33519

Ion Ratio Lower Upper

107 100

144 25.3 21.6 32.4

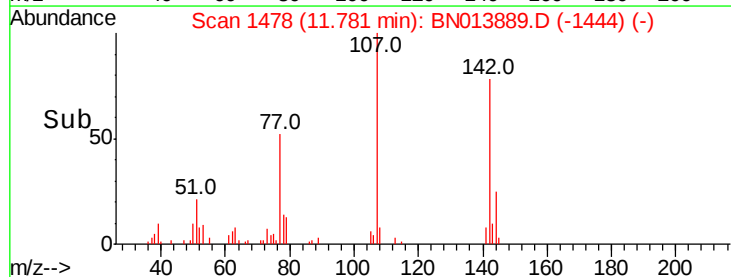
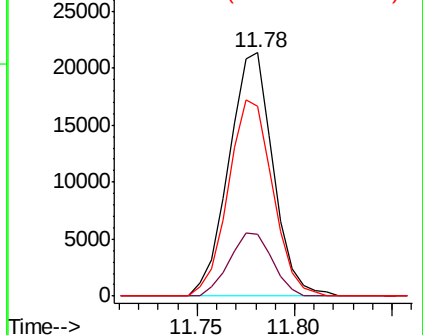
142 78.2 64.0 96.0

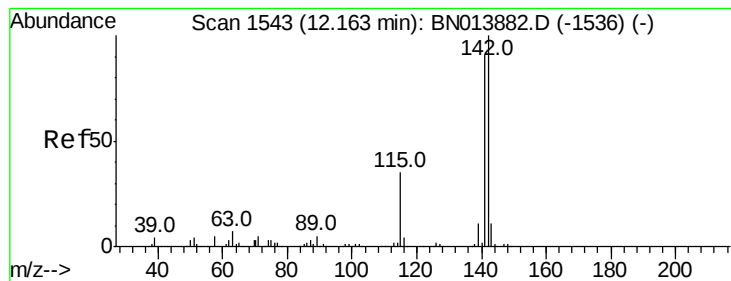


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 3.829 ng/ul

RT: 12.16 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

Instrument :

BNA_N

ClientSampleId :

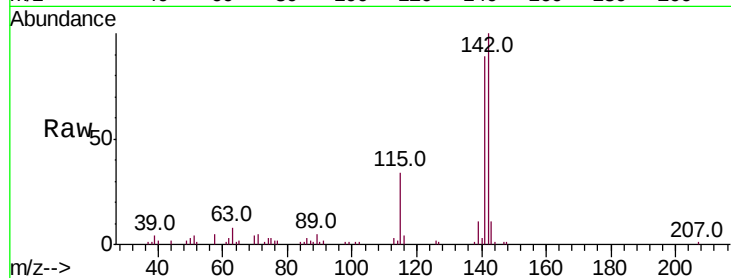
MDL-SOIL-04

Tot Ion:142 Resp: 96900

Ion Ratio Lower Upper

142 100

141 89.0 72.5 108.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

60000

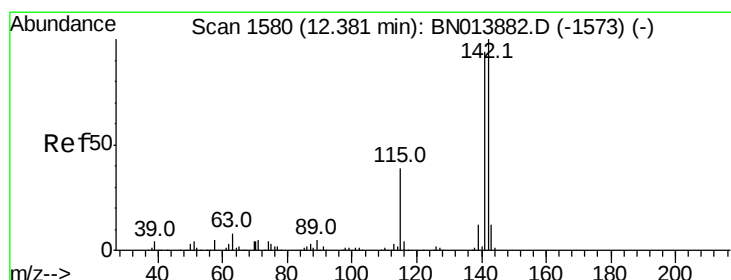
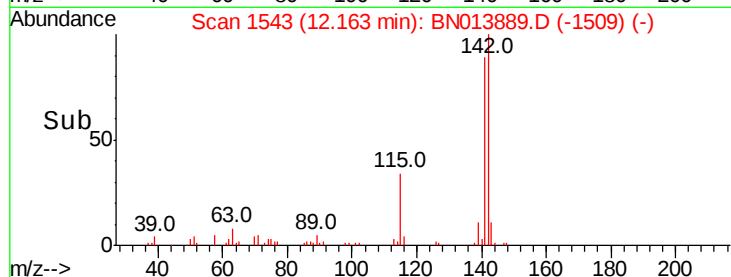
40000

20000

0

12.10 12.15 12.20

Time-->



#35

1-Methylnaphthalene

Concen: 3.795 ng/ul

RT: 12.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BN013889.D

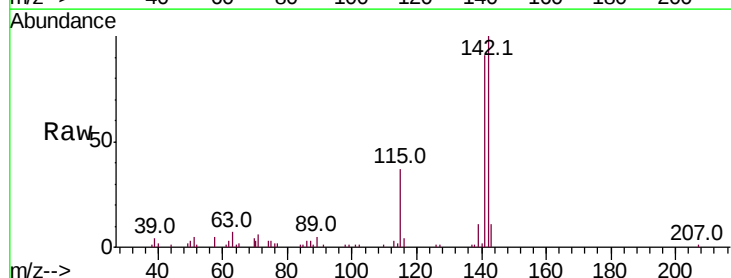
Acq: 09 Mar 2021 13:19

Tgt Ion:142 Resp: 92575

Ion Ratio Lower Upper

142 100

141 91.4 74.3 111.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

60000

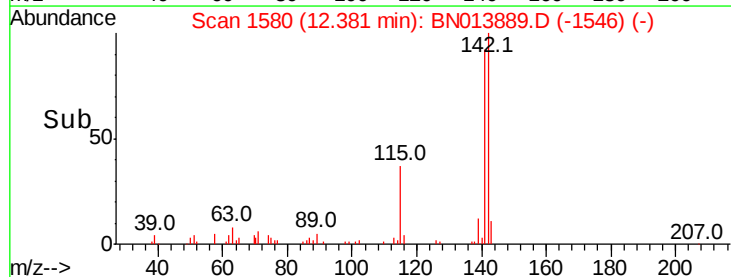
40000

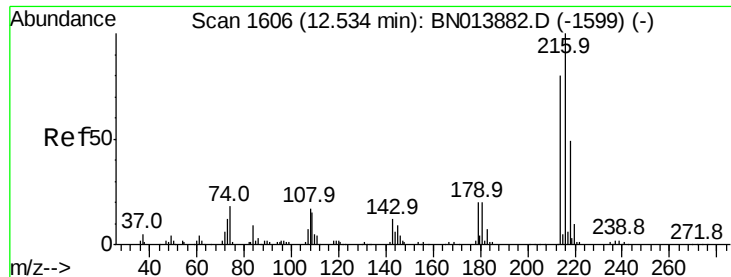
20000

0

12.35 12.40

Time-->

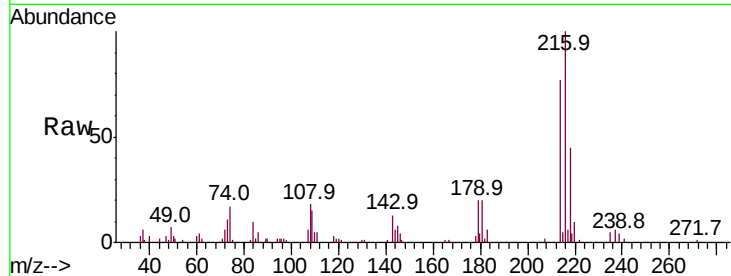




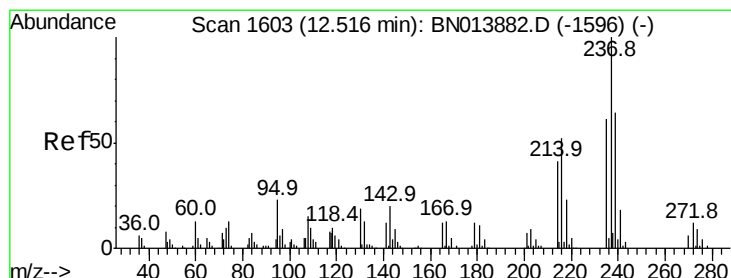
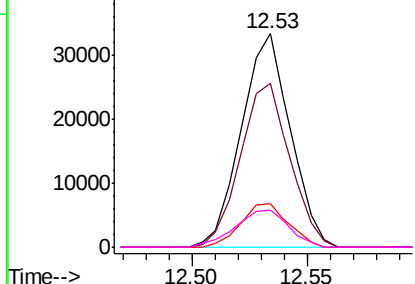
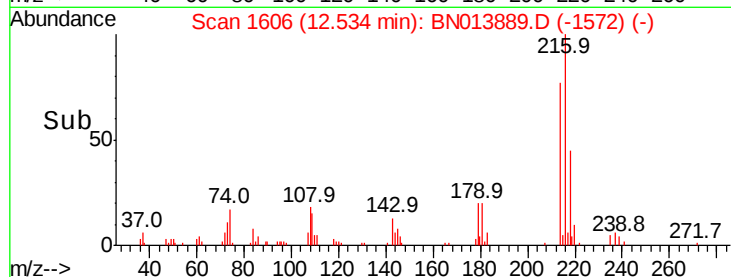
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.879 ng/ul
 RT: 12.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BN013889.D
 Acq: 09 Mar 2021 13:19

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-04

Tot Ion:	216	Resp:	49212
Ion	Ratio	Lower	Upper
216	100		
214	76.8	63.0	94.6
179	20.1	16.4	24.6
108	17.7	15.5	23.3

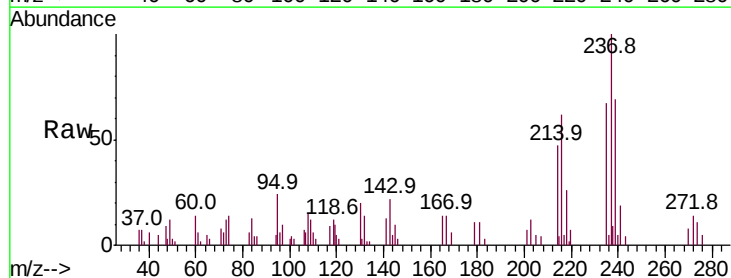


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

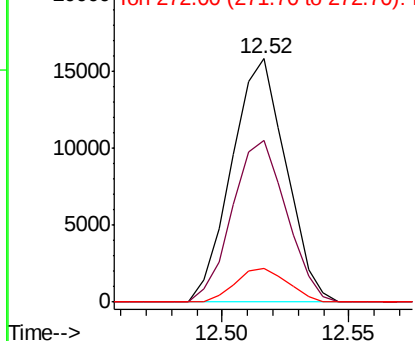
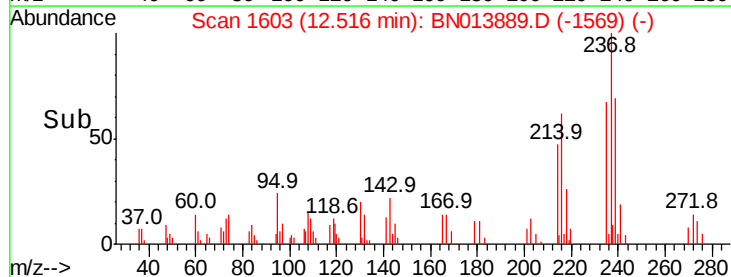


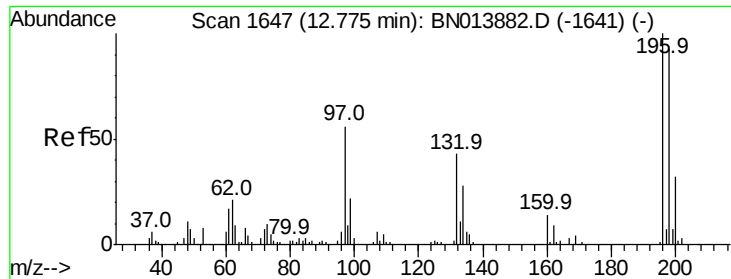
#38
 Hexachlorocyclopentadiene
 Concen: 3.114 ng/ul
 RT: 12.52 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: BN013889.D
 Acq: 09 Mar 2021 13:19

Tgt Ion:	237	Resp:	23526
Ion	Ratio	Lower	Upper
237	100		
235	66.6	51.4	77.0
272	13.9	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: 3.081 ng/ul

RT: 12.78 min Scan# 1647

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-04

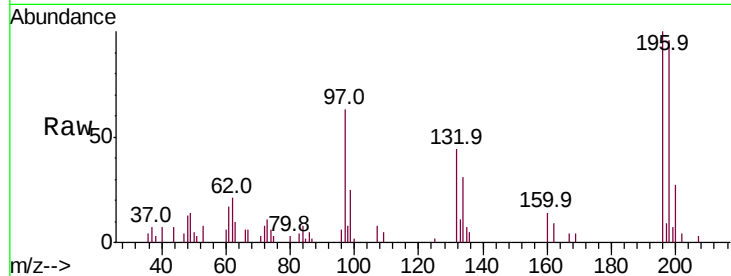
Tot Ion:196 Resp: 22564

Ion Ratio Lower Upper

196 100

198 96.5 78.6 118.0

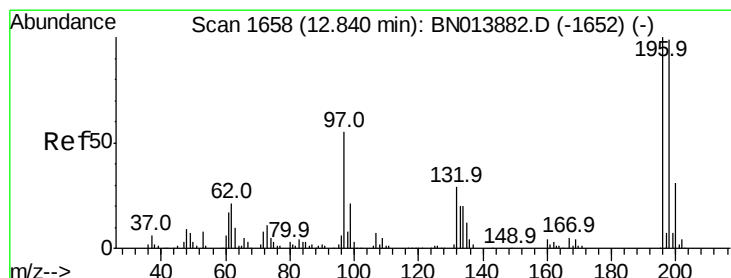
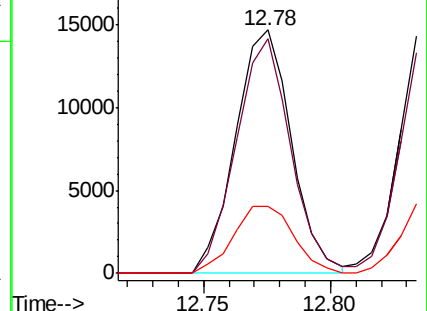
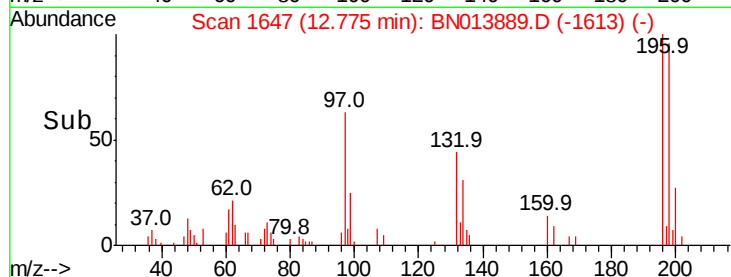
200 27.5 23.7 35.5



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: 3.357 ng/ul

RT: 12.84 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

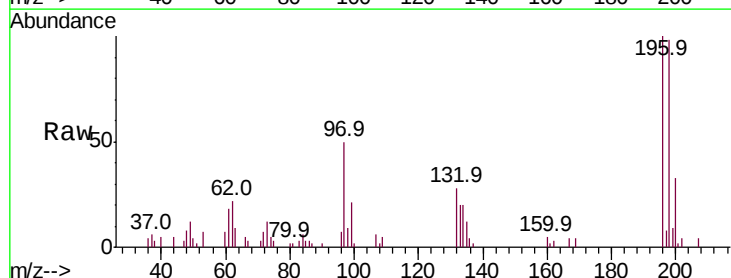
Tgt Ion:196 Resp: 26968

Ion Ratio Lower Upper

196 100

198 98.3 73.3 109.9

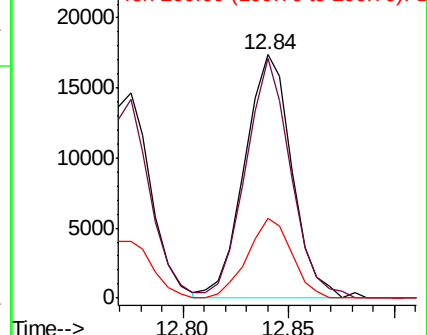
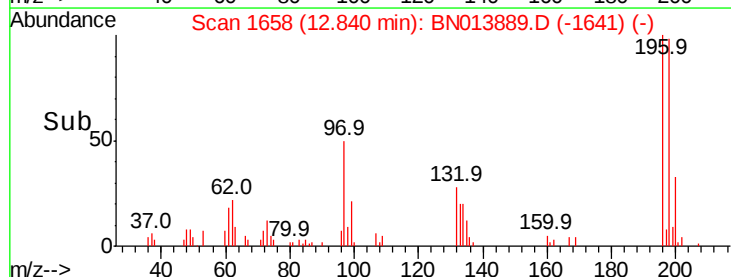
200 33.0 24.0 36.0

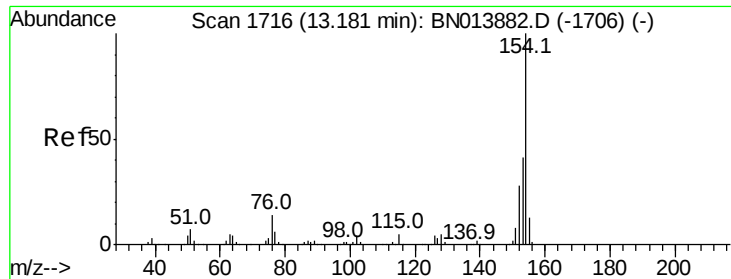


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#41

1,1'-Biphenyl

Concen: 3.947 ng/ul

RT: 13.18 min Scan# 1716

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-04

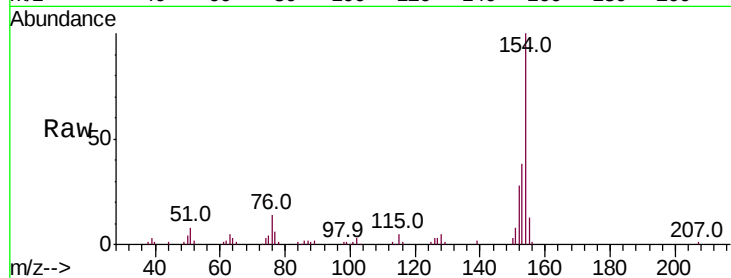
Tot Ion:154 Resp: 125080

Ion Ratio Lower Upper

154 100

153 38.3 31.8 47.6

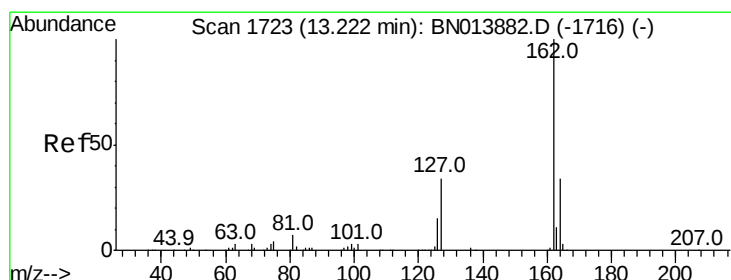
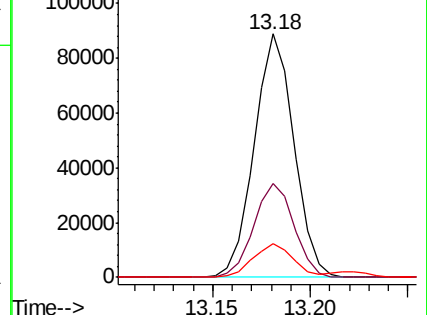
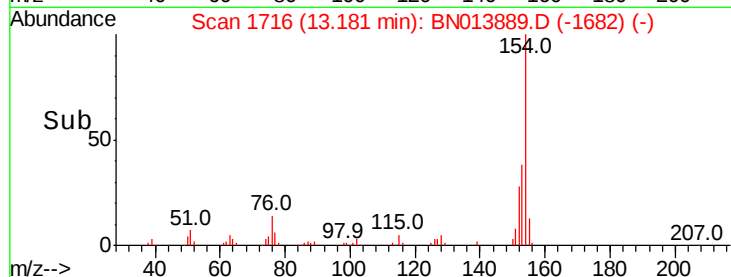
76 13.6 11.0 16.6



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: 3.953 ng/ul

RT: 13.22 min Scan# 1723

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

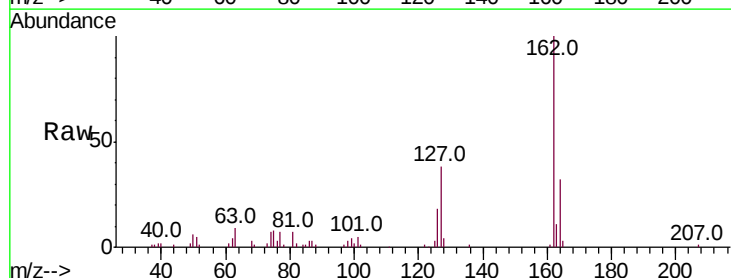
Tgt Ion:162 Resp: 97926

Ion Ratio Lower Upper

162 100

164 31.9 25.3 37.9

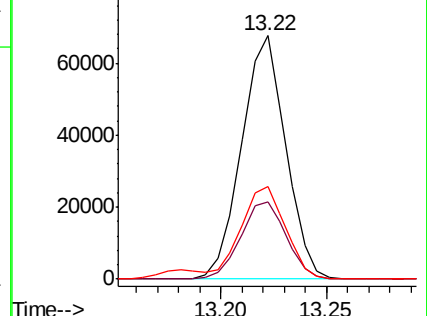
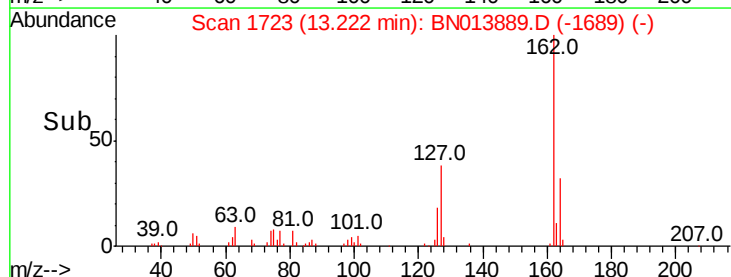
127 38.0 30.9 46.3

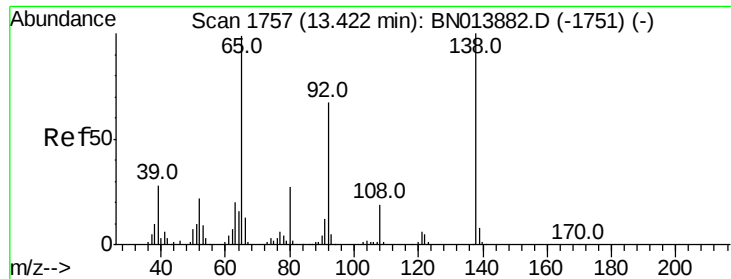


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E





#43

2-Nitroaniline

Concen: 2.813 ng/ul

RT: 13.42 min Scan# 1757

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-04

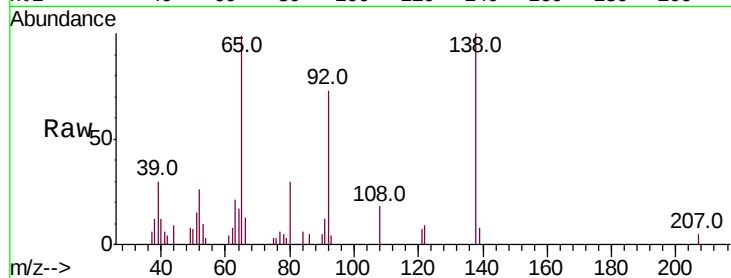
Tot Ion: 65 Resp: 18069

Ion Ratio Lower Upper

65 100

92 73.0 53.4 80.2

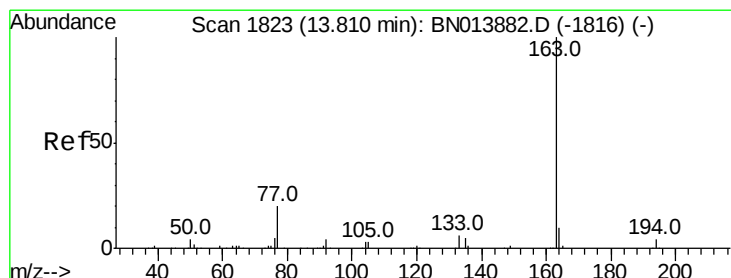
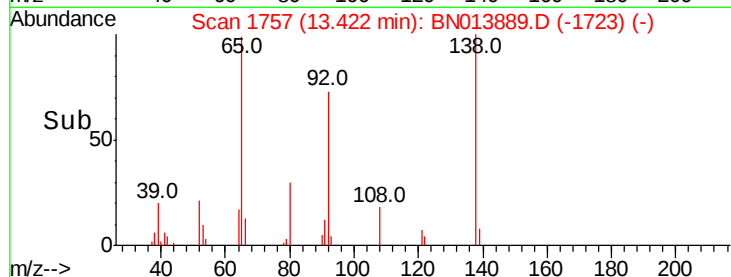
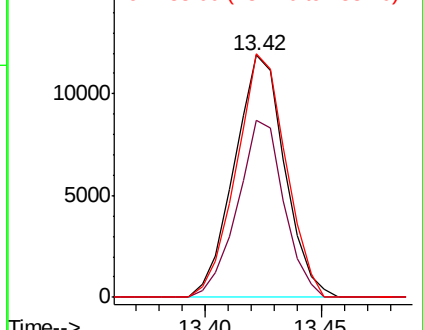
138 100.5 81.6 122.4



Abundance Ion 65.00 (64.70 to 65.70): BN013882.D (-1751) (-)

Ion 92.00 (91.70 to 92.70): BN013882.D (-1751) (-)

Ion 138.00 (137.70 to 138.70): BN013882.D (-1751) (-)



#45

Dimethylphthalate

Concen: 3.943 ng/ul

RT: 13.81 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

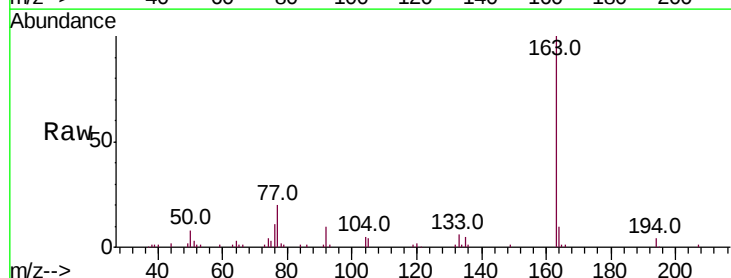
Tgt Ion:163 Resp: 115451

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

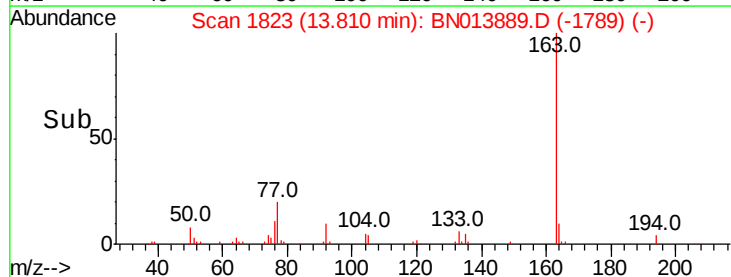
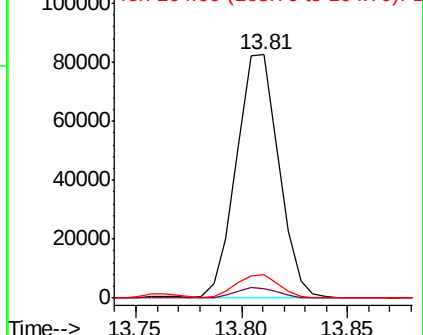
164 9.6 8.3 12.5

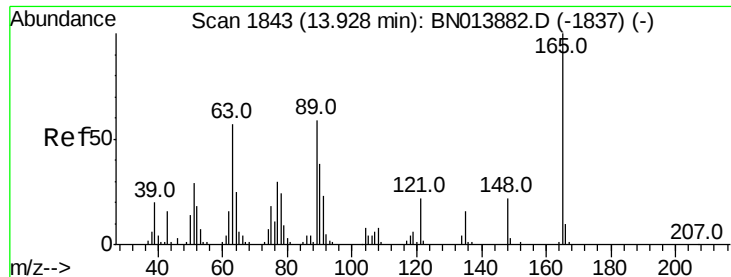


Abundance Ion 163.00 (162.70 to 163.70): BN013882.D (-1816) (-)

Ion 194.00 (193.70 to 194.70): BN013882.D (-1816) (-)

Ion 164.00 (163.70 to 164.70): BN013882.D (-1816) (-)

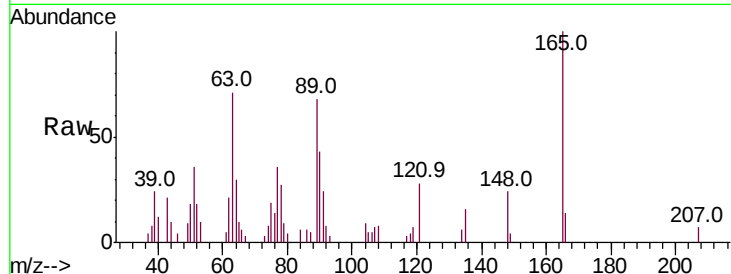




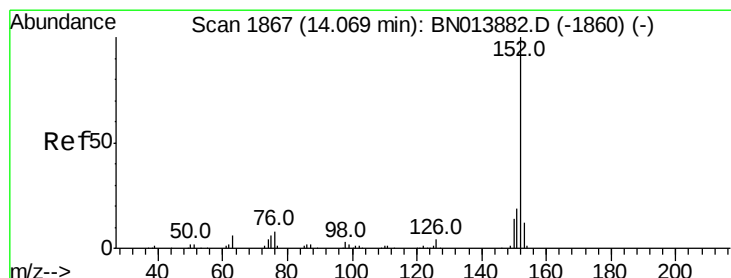
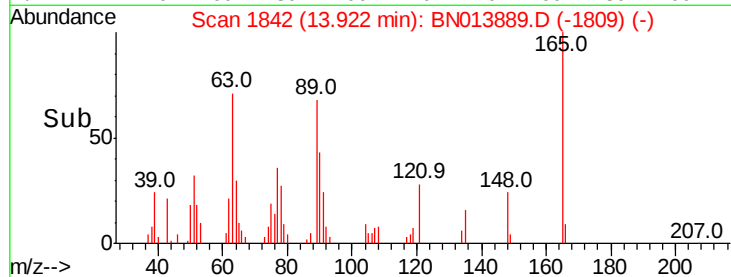
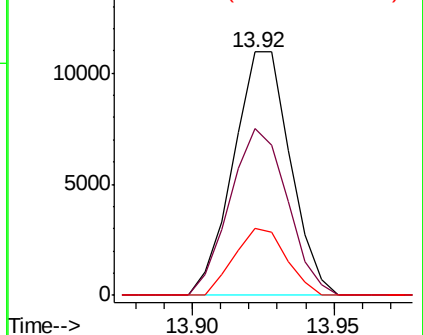
#46
2,6-Dinitrotoluene
Concen: 2.924 ng/ul
RT: 13.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BN013889.D
Acq: 09 Mar 2021 13:19

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-04

Tot Ion:165 Resp: 15340
Ion Ratio Lower Upper
165 100
89 68.4 51.8 77.8
121 27.7 18.6 28.0

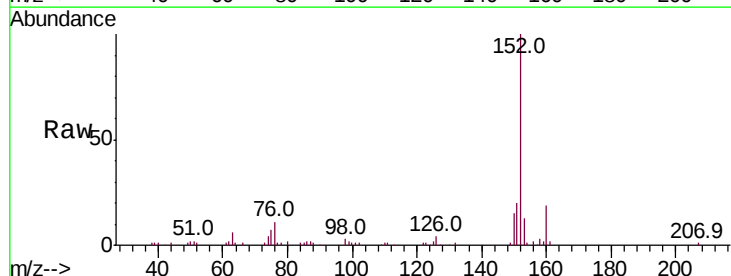


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): B
Ion 121.00 (120.70 to 121.70): E

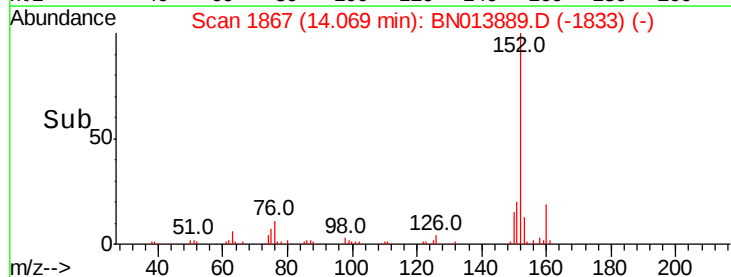
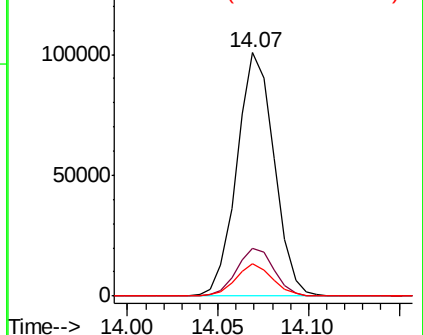


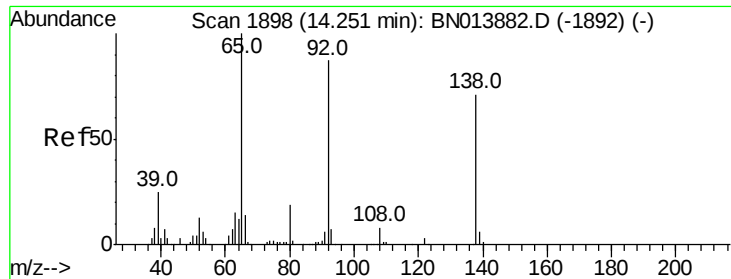
#48
Acenaphthylene
Concen: 3.973 ng/ul
RT: 14.07 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BN013889.D
Acq: 09 Mar 2021 13:19

Tgt Ion:152 Resp: 144161
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.4 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: 3.028 ng/ul

RT: 14.25 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-04

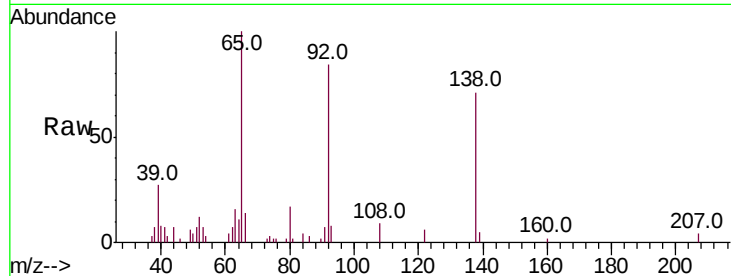
Tot Ion:138 Resp: 17280

Ion Ratio Lower Upper

138 100

108 12.1 8.6 12.8

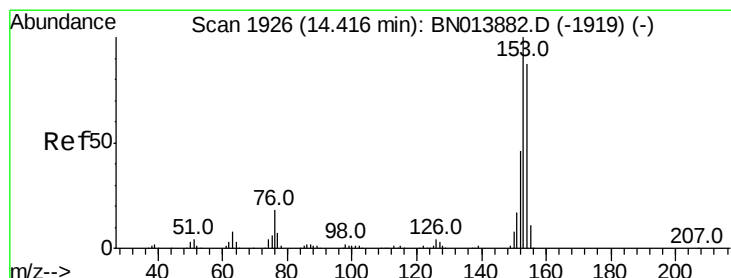
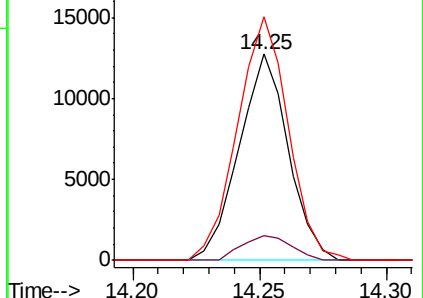
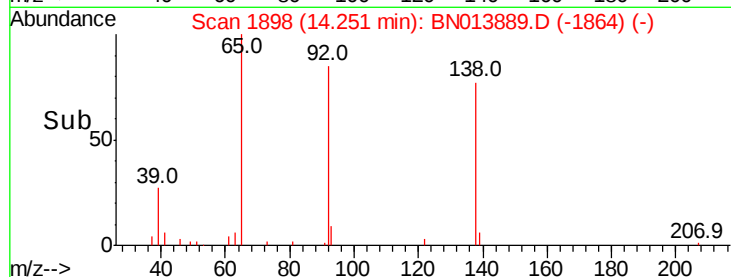
92 118.1 93.0 139.4



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): BNO



#50

Acenaphthene

Concen: 3.873 ng/ul

RT: 14.42 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

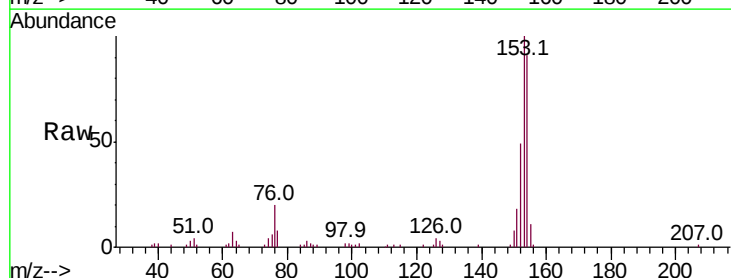
Tgt Ion:153 Resp: 102512

Ion Ratio Lower Upper

153 100

152 49.2 37.4 56.0

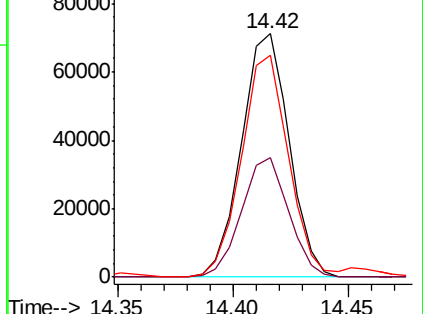
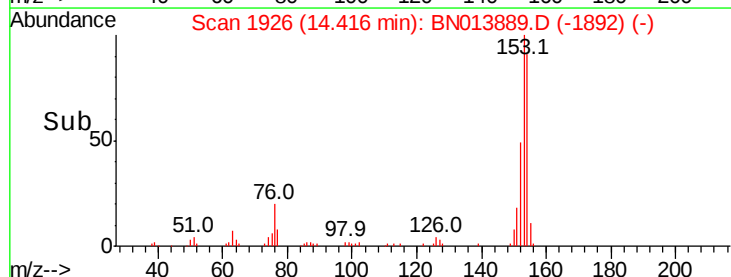
154 91.1 68.4 102.6

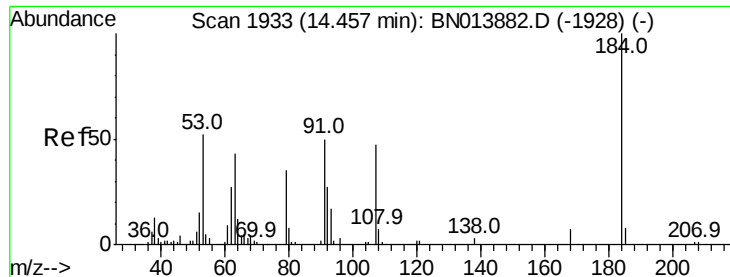


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#51

2,4-Dinitrophenol

Concen: 1.969 ng/ul

RT: 14.46 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-04

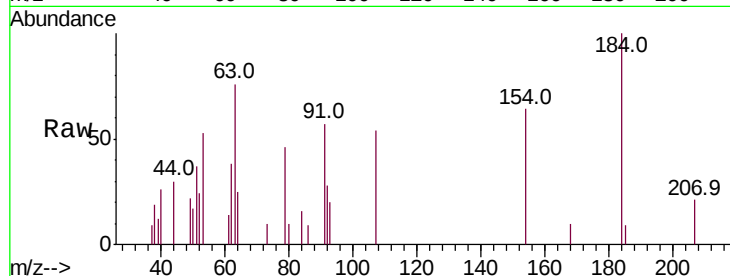
Tot Ion:184 Resp: 5439

Ion Ratio Lower Upper

184 100

63 75.5 58.4 87.6

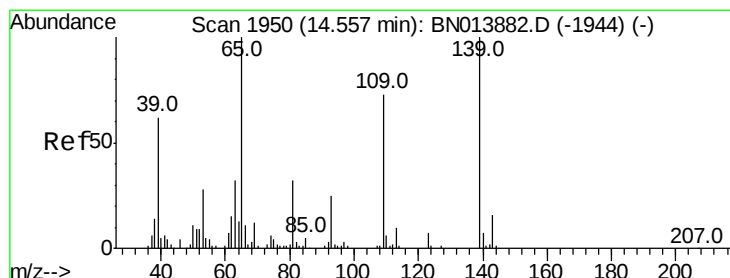
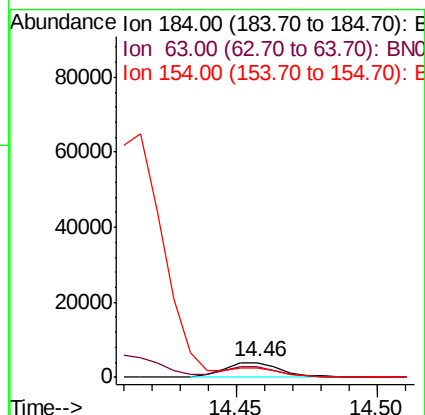
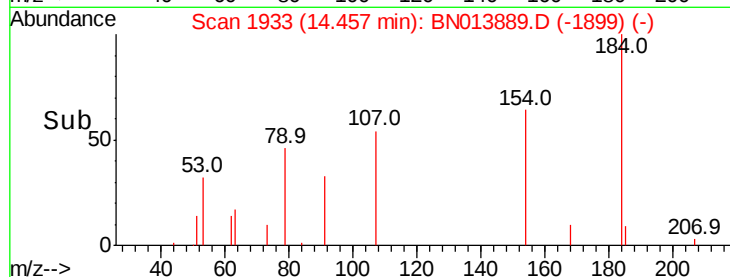
154 63.8 49.4 74.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BN0

Ion 154.00 (153.70 to 154.70): E



#53

4-Nitrophenol

Concen: 3.734 ng/ul

RT: 14.56 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

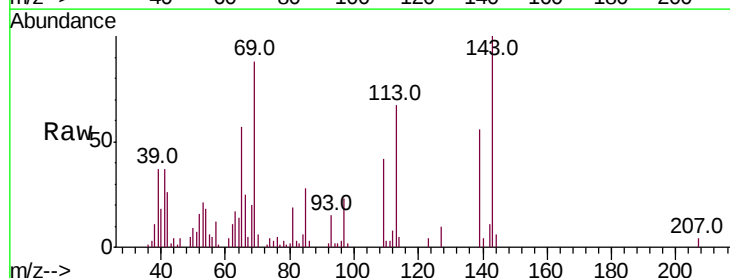
Tgt Ion:109 Resp: 15964

Ion Ratio Lower Upper

109 100

139 133.0 104.1 156.1

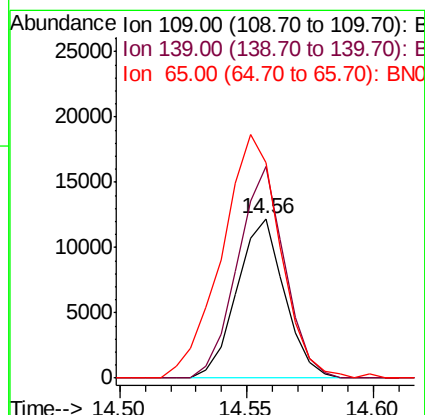
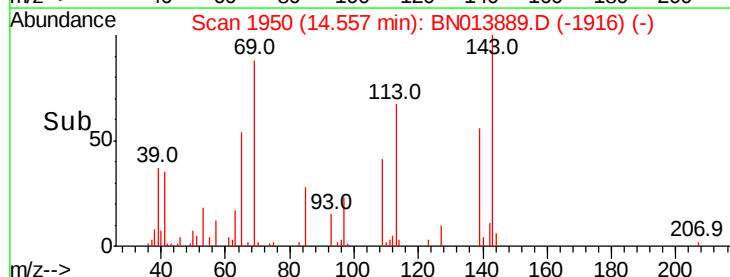
65 135.4 108.2 162.4

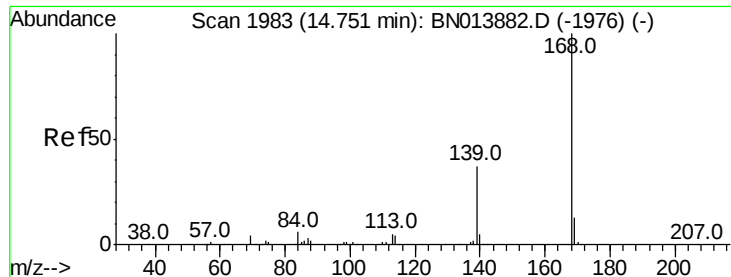


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BN0





#54

Dibenzofuran

Concen: 3.948 ng/ul

RT: 14.75 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

Instrument :

BNA_N

ClientSampleId :

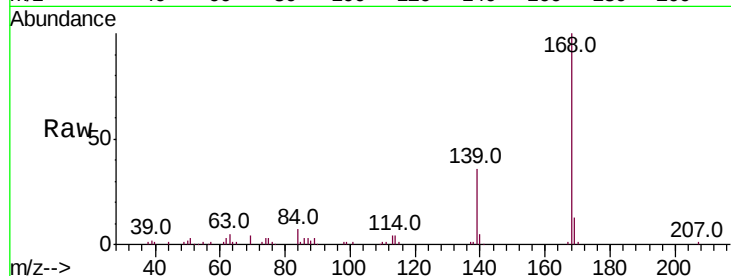
MDL-SOIL-04

Tot Ion:168 Resp: 144051

Ion Ratio Lower Upper

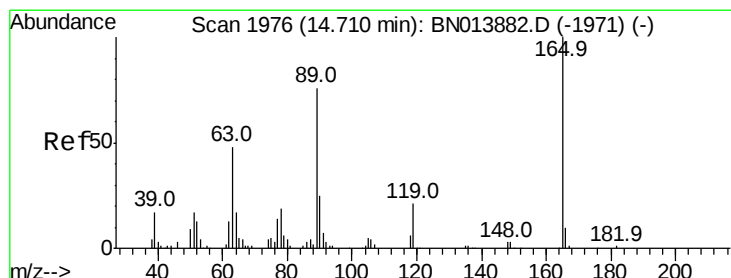
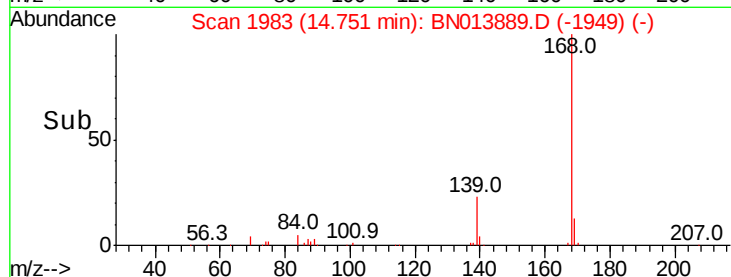
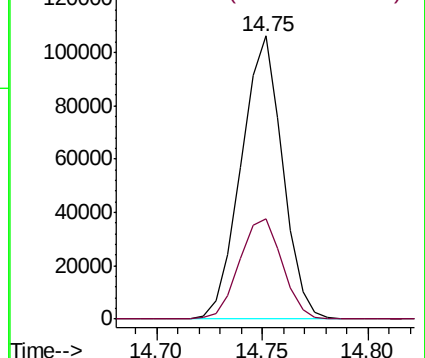
168 100

139 35.6 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: 3.283 ng/ul

RT: 14.71 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

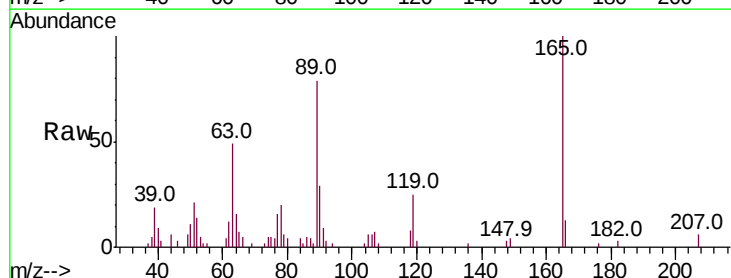
Tgt Ion:165 Resp: 24614

Ion Ratio Lower Upper

165 100

63 48.7 40.2 60.2

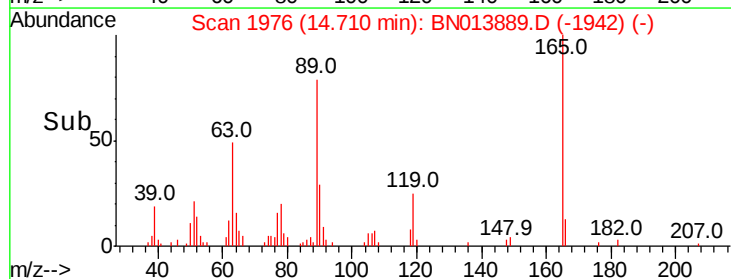
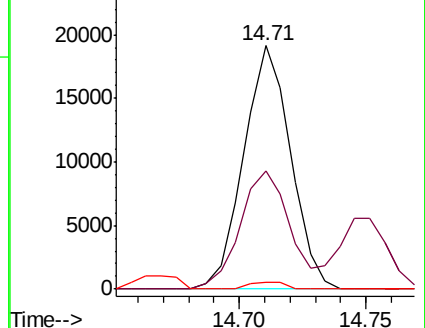
182 2.6 2.2 3.4

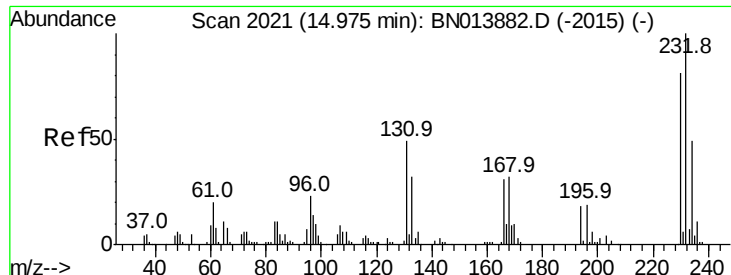


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 182.00 (181.70 to 182.70): E





#56

2,3,4,6-Tetrachlorophenol

Concen: 3.138 ng/ul

RT: 14.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-04

Tot Ion:232 Resp: 19460

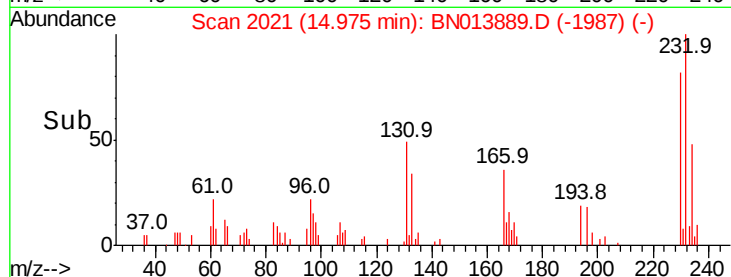
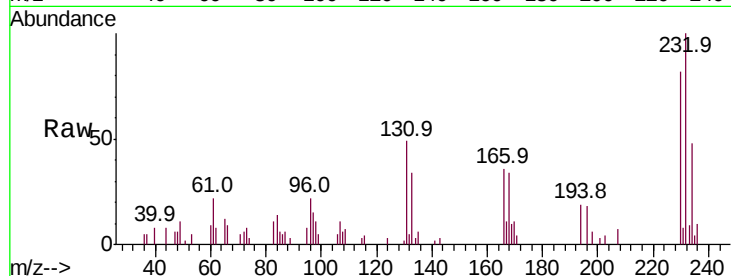
Ion Ratio Lower Upper

232 100

131 48.7 37.4 56.2

130 2.5 1.9 2.9

166 36.0 24.7 37.1

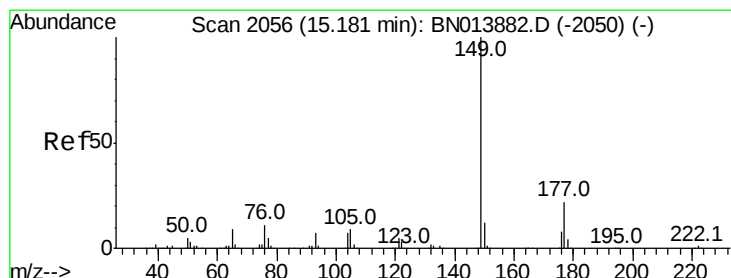
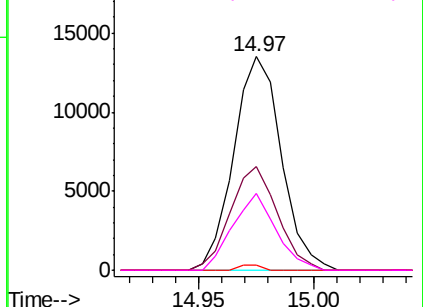


Abundance Ion 232.00 (231.70 to 232.70): E

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: 3.610 ng/ul

RT: 15.17 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

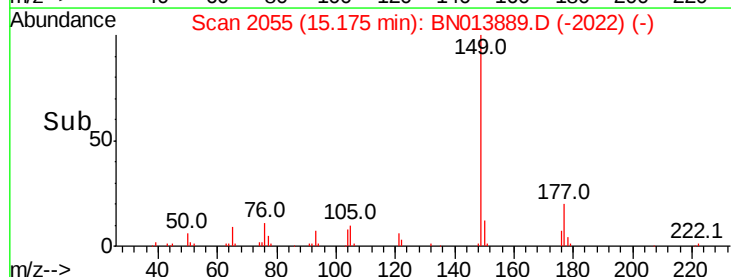
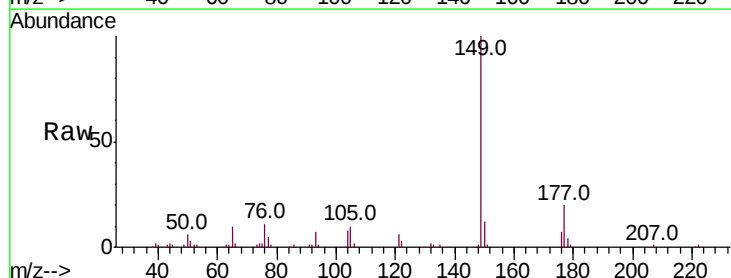
Tgt Ion:149 Resp: 105640

Ion Ratio Lower Upper

149 100

177 20.1 17.7 26.5

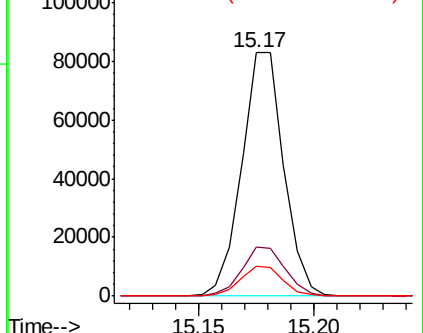
150 12.4 9.6 14.4

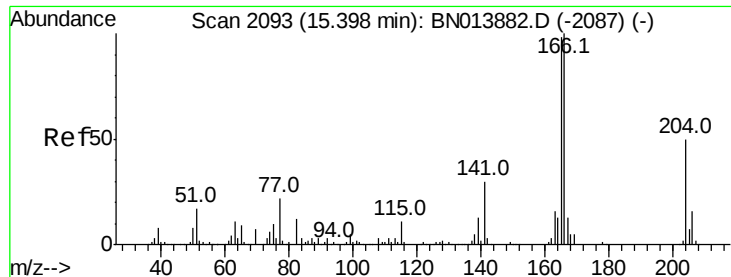


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 3.956 ng/ul

RT: 15.40 min Scan# 2093

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-04

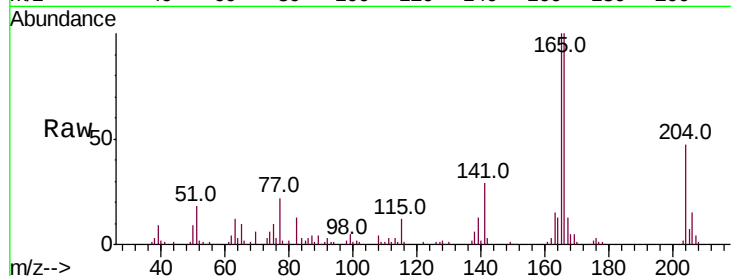
Tot Ion:166 Resp: 117464

Ion Ratio Lower Upper

166 100

165 99.7 79.5 119.3

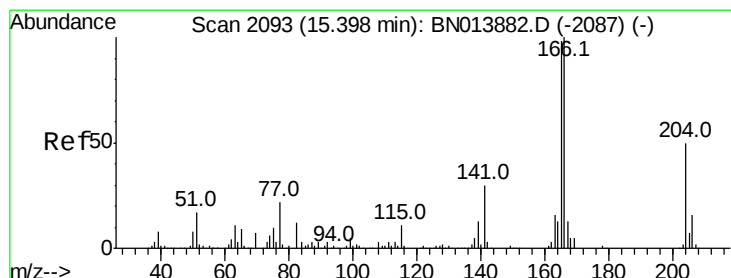
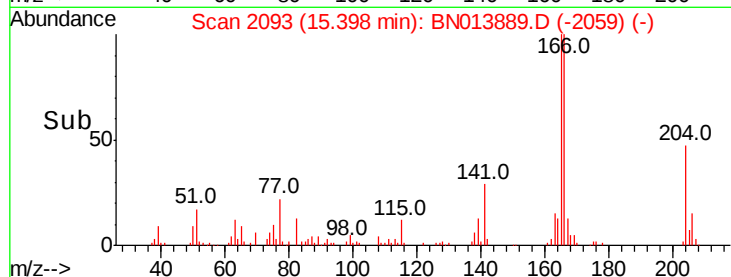
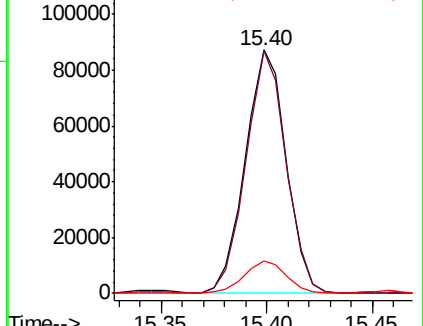
167 13.1 10.2 15.4



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: 3.852 ng/ul

RT: 15.40 min Scan# 2093

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

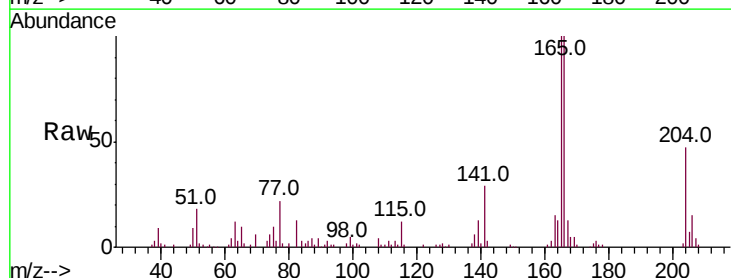
Tgt Ion:204 Resp: 54877

Ion Ratio Lower Upper

204 100

206 31.9 24.6 37.0

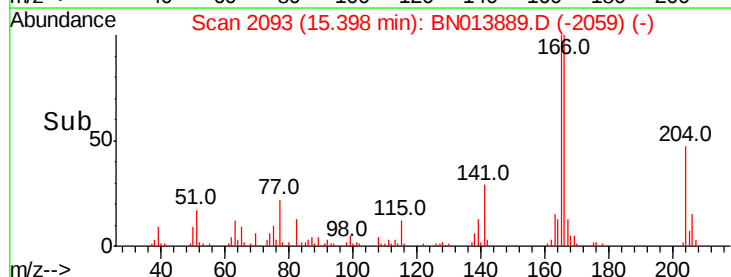
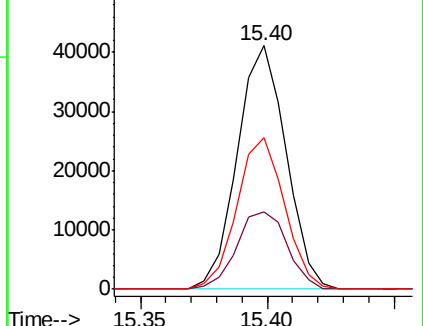
141 62.2 44.7 67.1

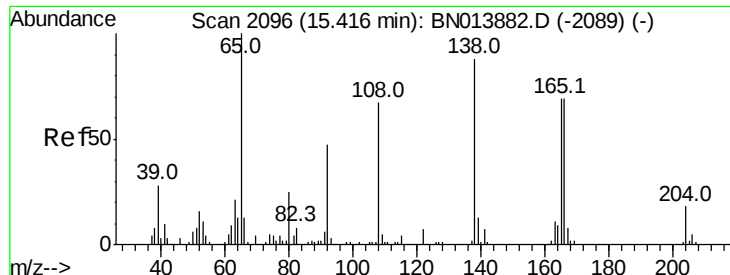


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

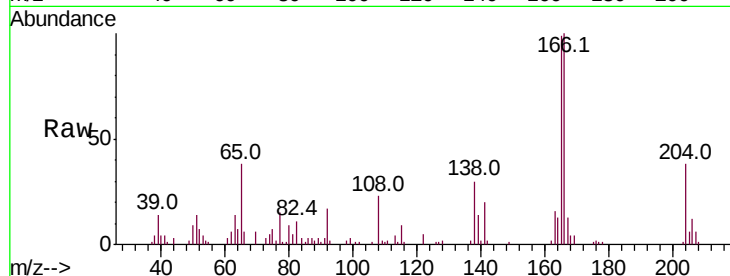




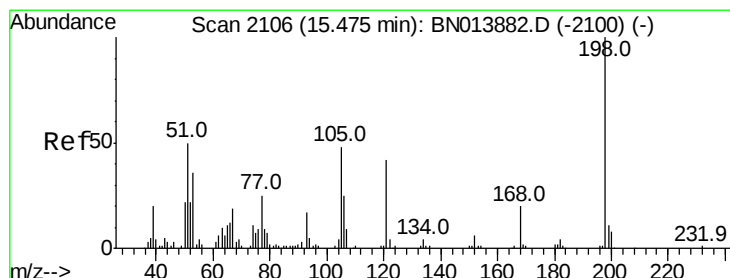
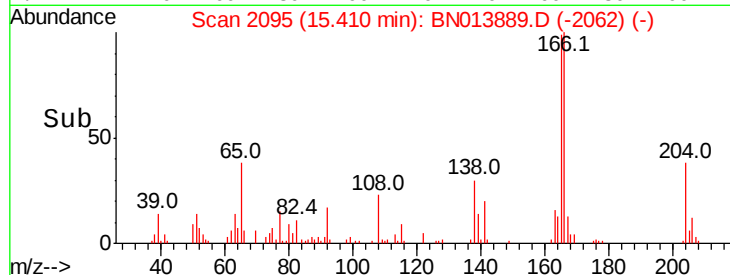
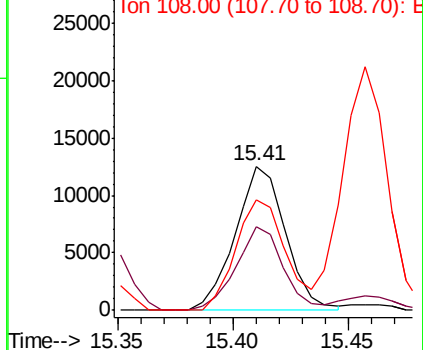
#61
4-Nitroaniline
Concen: 2.903 ng/ul
RT: 15.41 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BN013889.D
Acq: 09 Mar 2021 13:19

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-04

Tot Ion:138 Resp: 18974
Ion Ratio Lower Upper
138 100
92 58.0 38.6 57.8#
108 76.9 59.8 89.8

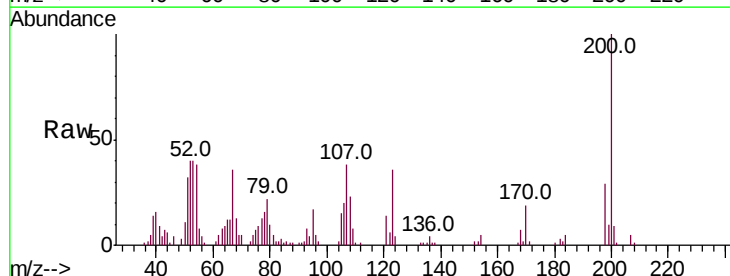


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BNO
Ion 108.00 (107.70 to 108.70): E

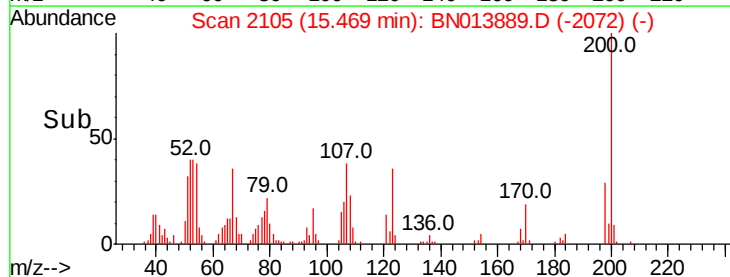
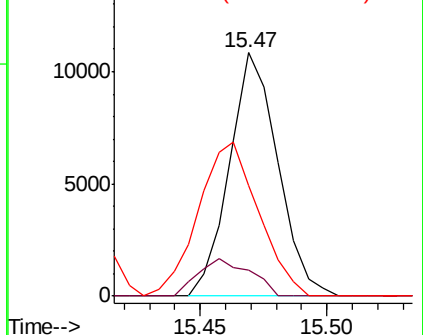


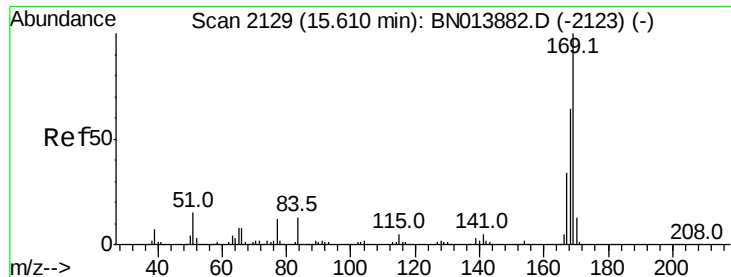
#64
4,6-Dinitro-2-methylphenol
Concen: 3.374 ng/ul
RT: 15.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BN013889.D
Acq: 09 Mar 2021 13:19

Tgt Ion:198 Resp: 14417
Ion Ratio Lower Upper
198 100
182 10.8 3.5 5.3#
77 45.4 22.2 33.4#



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





#65

N-Nitrosodiphenylamine

Concen: 3.725 ng/ul

RT: 15.61 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-04

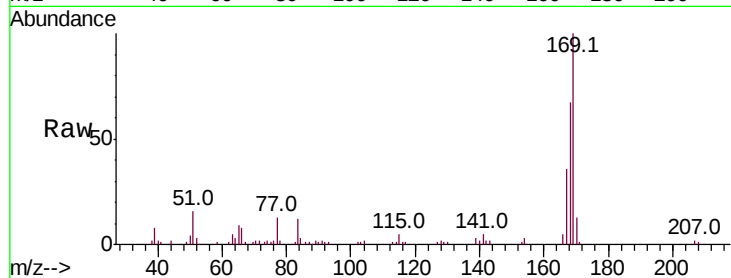
Tot Ion:169 Resp: 93603

Ion Ratio Lower Upper

169 100

168 67.4 54.7 82.1

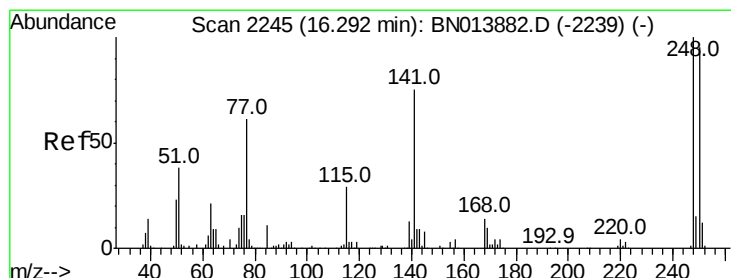
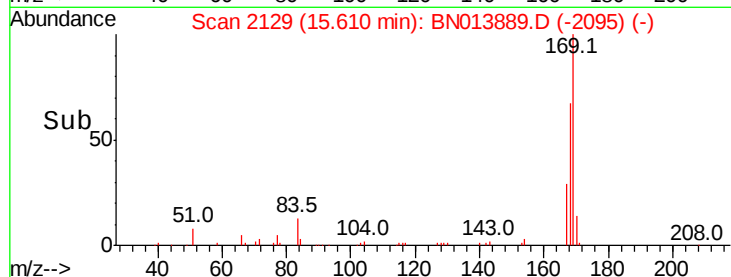
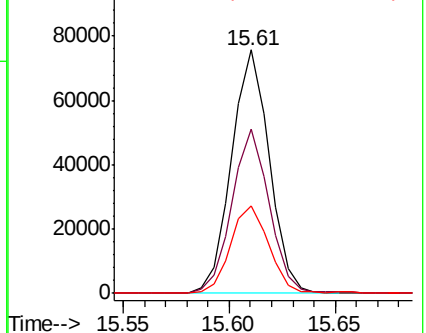
167 35.8 29.0 43.6



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: 3.736 ng/ul

RT: 16.29 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

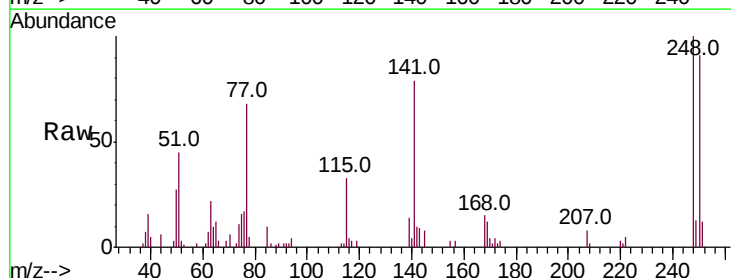
Tgt Ion:248 Resp: 31226

Ion Ratio Lower Upper

248 100

250 90.9 76.6 115.0

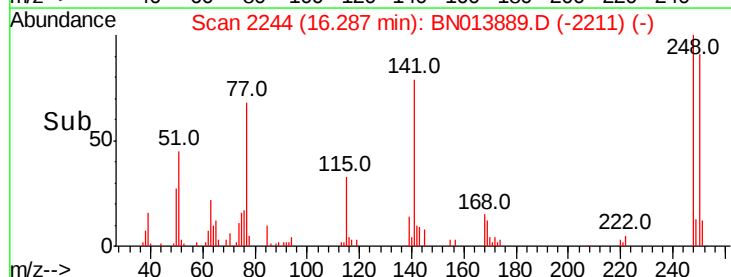
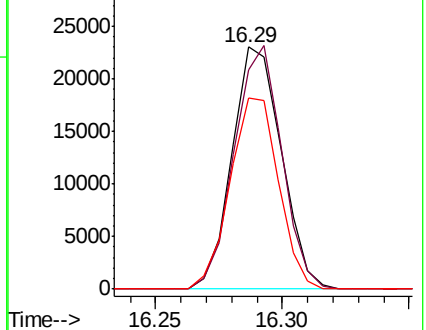
141 79.2 58.5 87.7

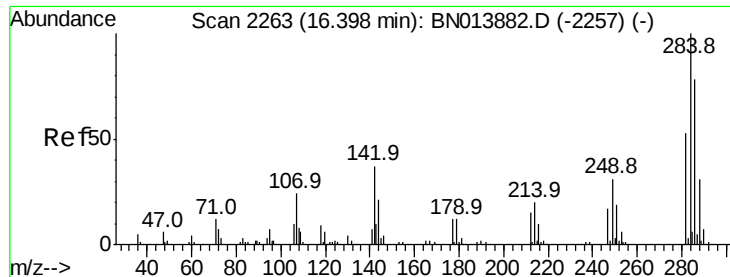


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 3.739 ng/ul

RT: 16.40 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-04

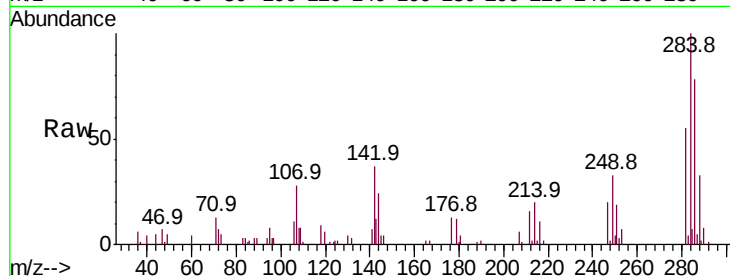
Tot Ion:284 Resp: 37334

Ion Ratio Lower Upper

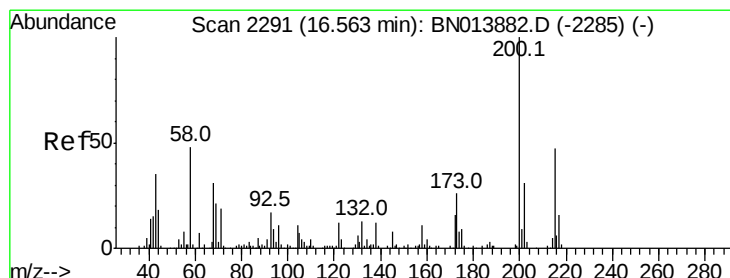
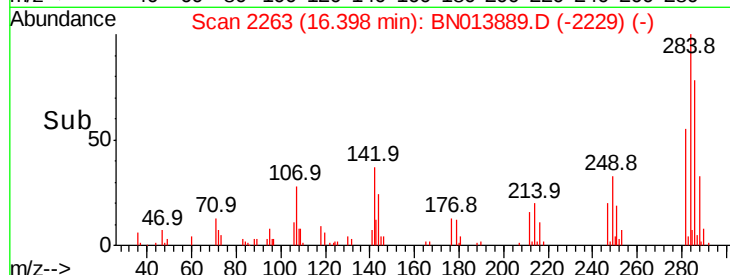
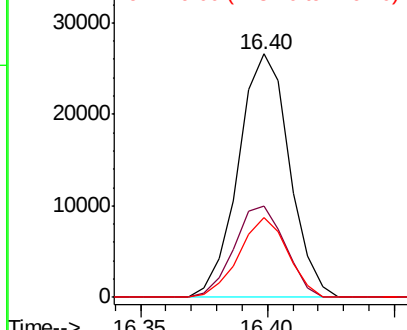
284 100

142 37.5 29.2 43.8

249 32.8 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: 2.660 ng/ul

RT: 16.56 min Scan# 2290

Delta R.T. -0.01 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

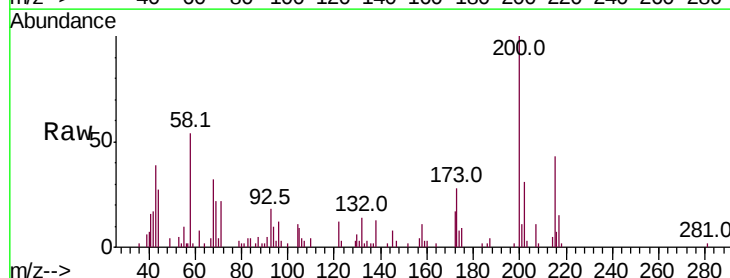
Tgt Ion:200 Resp: 23098

Ion Ratio Lower Upper

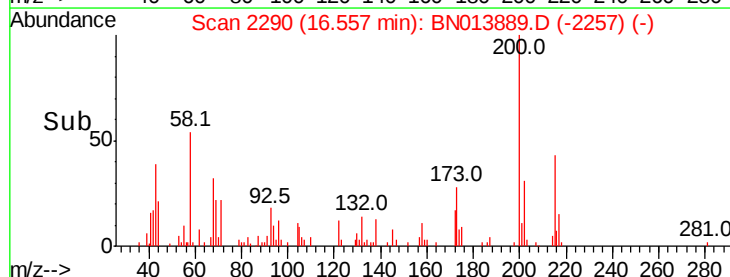
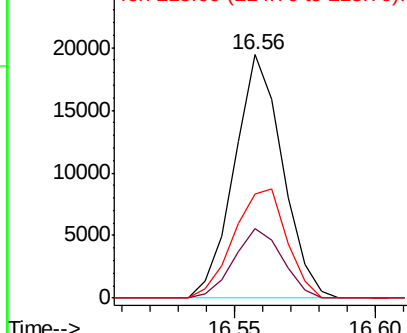
200 100

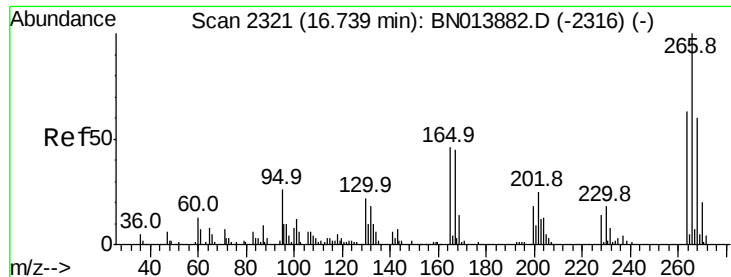
173 28.4 21.2 31.8

215 42.7 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

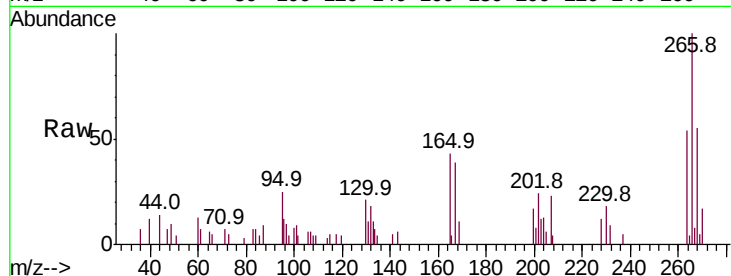




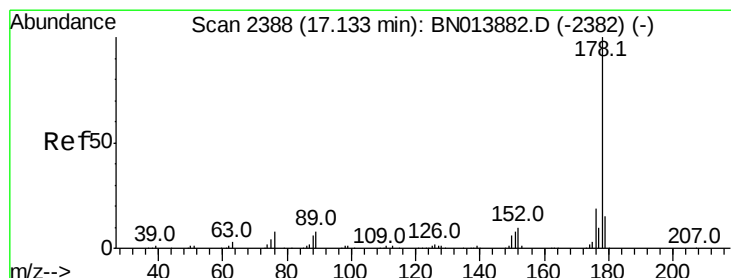
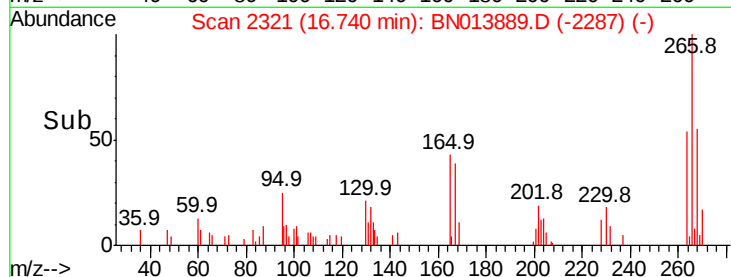
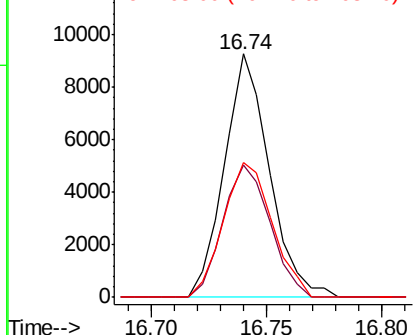
#69
 Pentachlorophenol
 Concen: 2.386 ng/ul
 RT: 16.74 min Scan# 2321
 Delta R.T. 0.00 min
 Lab File: BN013889.D
 Acq: 09 Mar 2021 13:19

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-04

Tot Ion:266 Resp: 12554
 Ion Ratio Lower Upper
 266 100
 264 54.2 50.2 75.4
 268 55.2 49.6 74.4

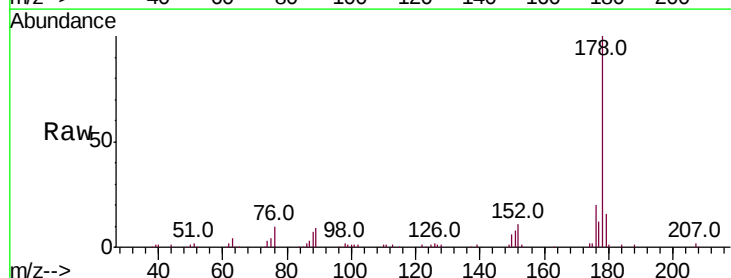


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

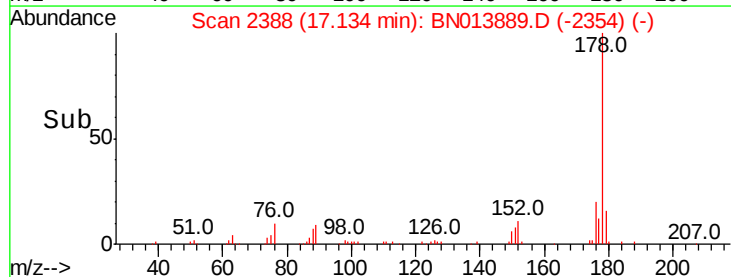
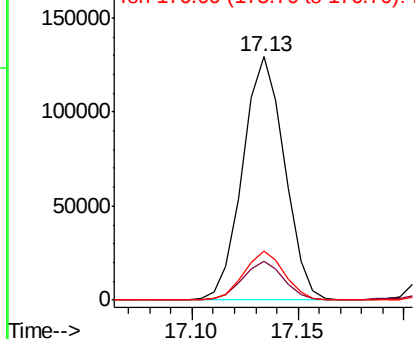


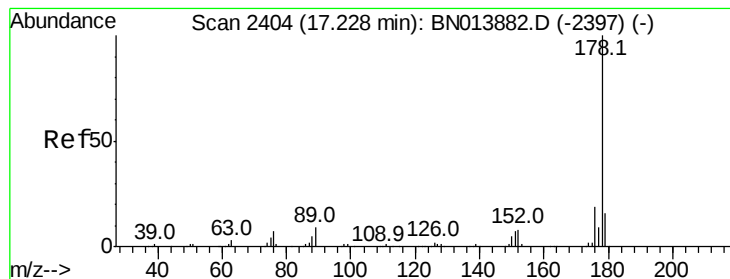
#70
 Phenanthrene
 Concen: 3.770 ng/ul
 RT: 17.13 min Scan# 2388
 Delta R.T. 0.00 min
 Lab File: BN013889.D
 Acq: 09 Mar 2021 13:19

Tgt Ion:178 Resp: 178253
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.9 19.3
 176 20.3 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: 3.869 ng/uL

RT: 17.23 min Scan# 2404

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-04

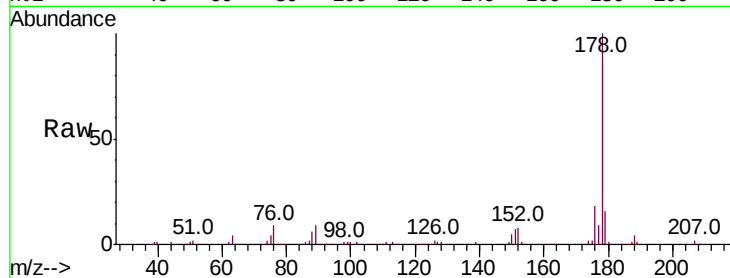
Tot Ion:178 Resp: 185973

Ion Ratio Lower Upper

178 100

179 15.7 11.9 17.9

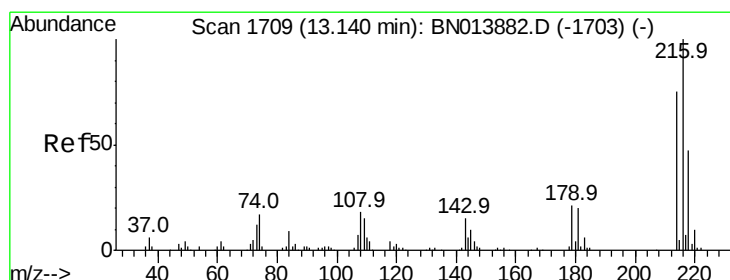
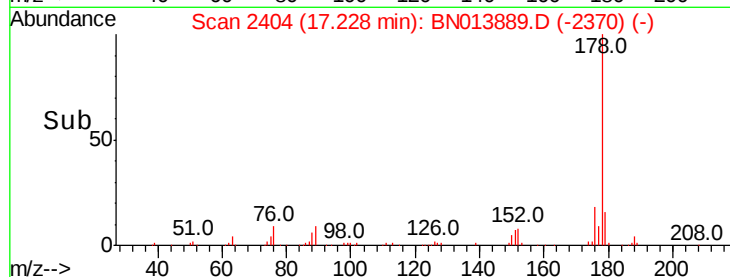
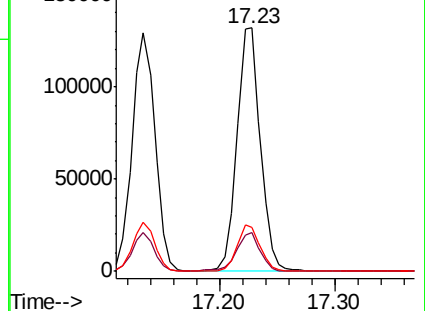
176 18.0 14.3 21.5



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: 3.899 ng/uL

RT: 13.15 min Scan# 1710

Delta R.T. 0.01 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

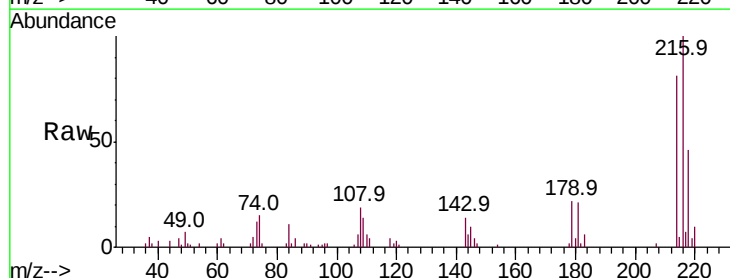
Tgt Ion:216 Resp: 49819

Ion Ratio Lower Upper

216 100

214 81.1 60.1 90.1

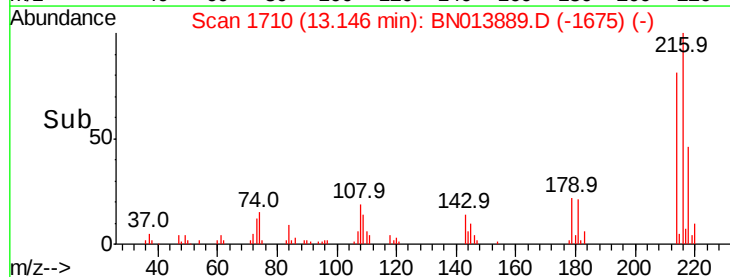
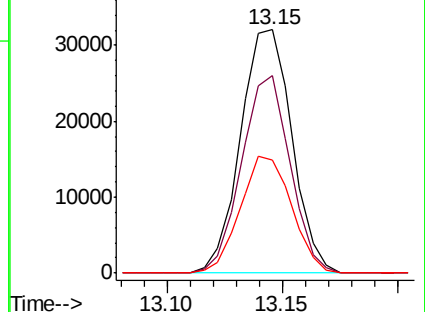
218 46.4 37.9 56.9

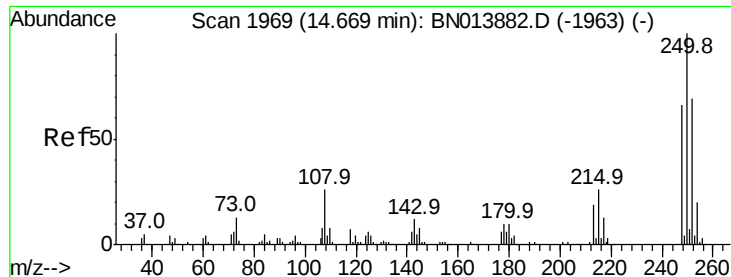


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 3.664 ng/uL

RT: 14.67 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-04

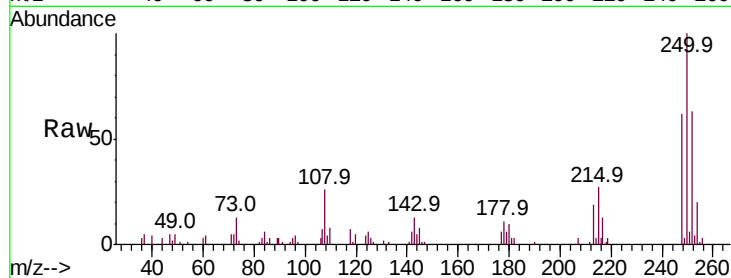
Tot Ion:250 Resp: 44107

Ion Ratio Lower Upper

250 100

248 62.3 48.3 72.5

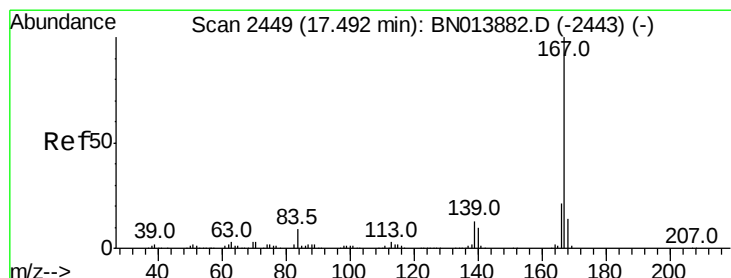
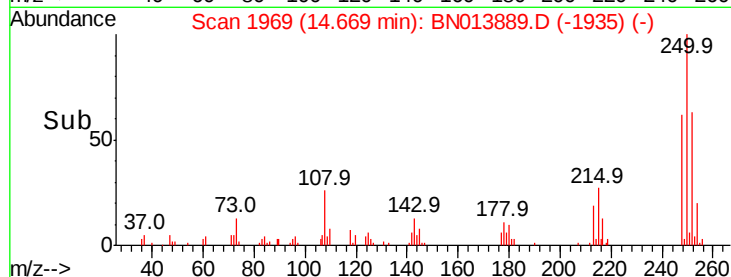
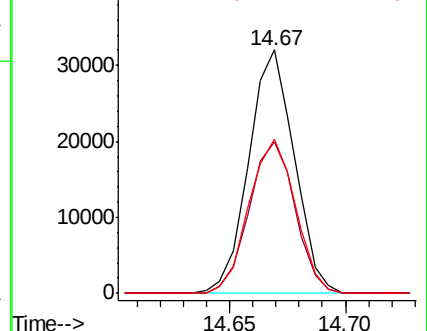
252 63.2 50.0 75.0



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: 3.507 ng/uL

RT: 17.49 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

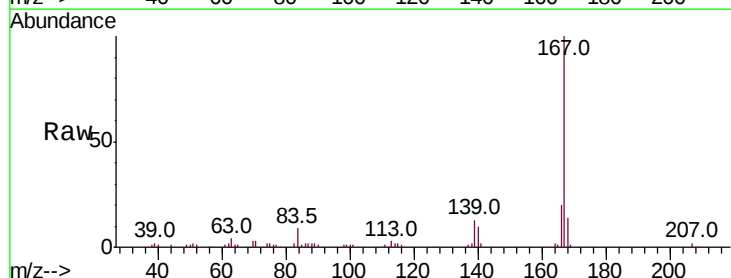
Tgt Ion:167 Resp: 150383

Ion Ratio Lower Upper

167 100

166 20.5 17.0 25.6

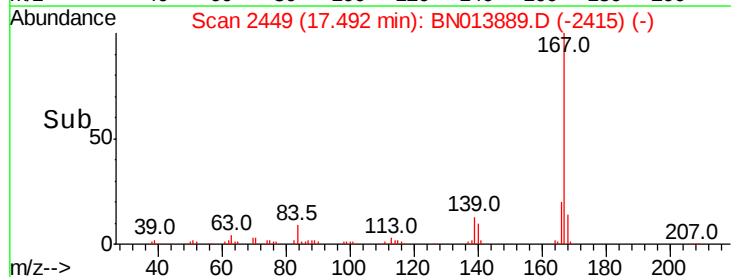
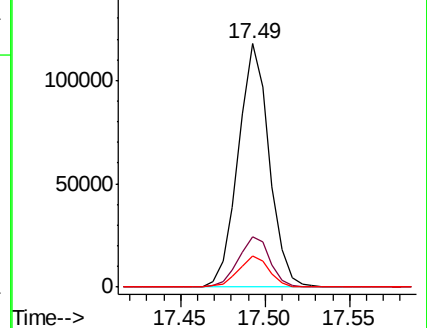
139 12.6 10.3 15.5

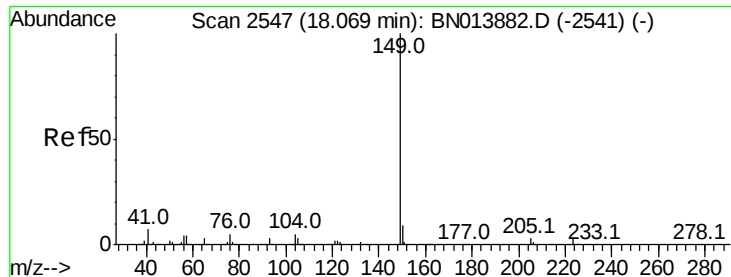


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

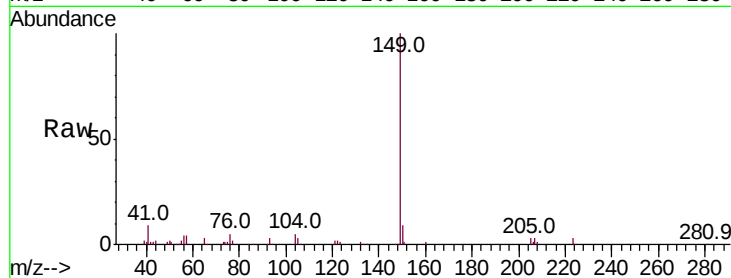




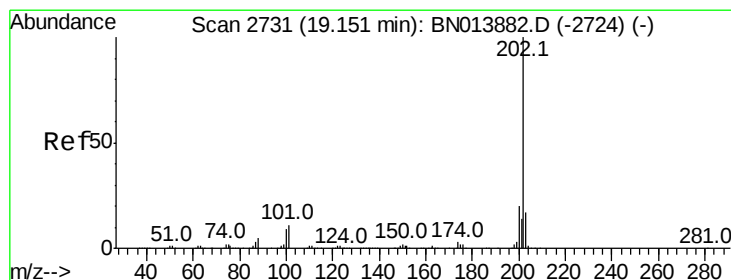
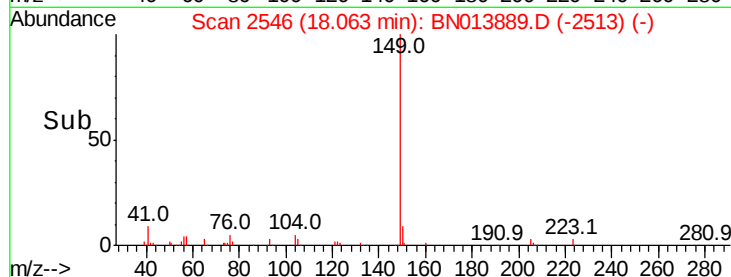
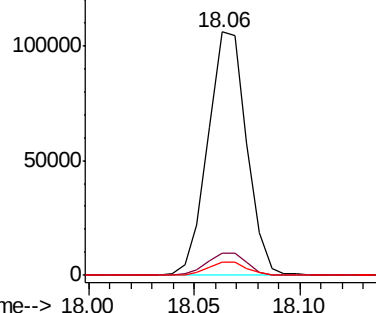
#76
Di-n-butylphthalate
Concen: 2.812 ng/ul
RT: 18.06 min Scan# 2546
Delta R.T. -0.01 min
Lab File: BN013889.D
Acq: 09 Mar 2021 13:19

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-04

Tot Ion:149 Resp: 134927
Ion Ratio Lower Upper
149 100
150 9.0 7.0 10.6
104 5.5 4.2 6.2

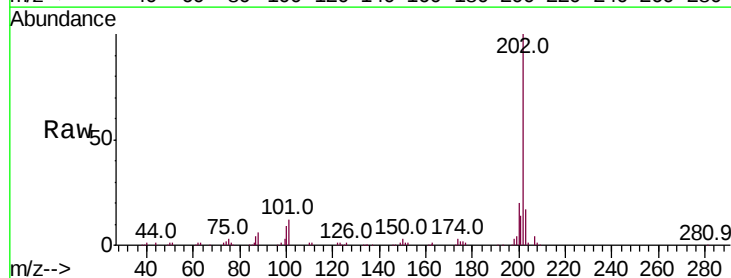


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

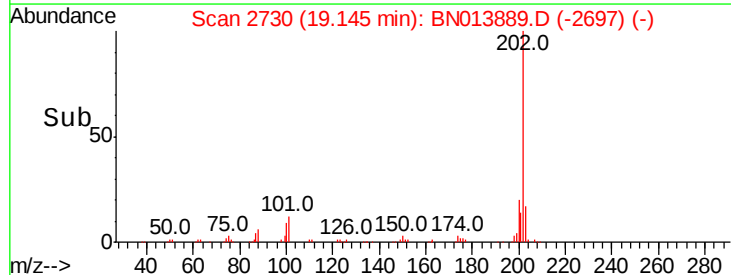
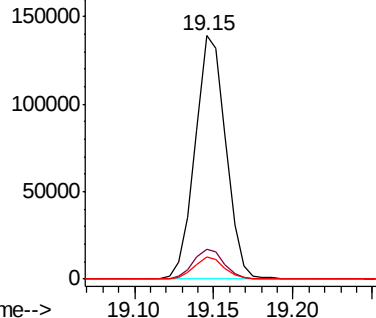


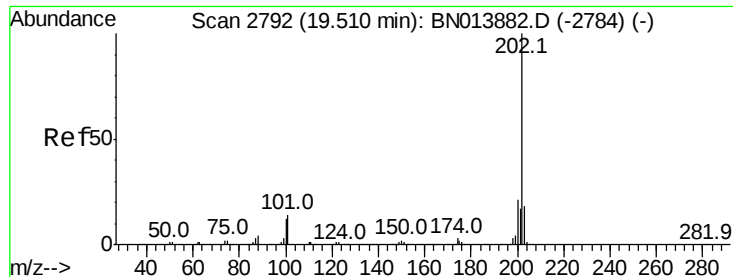
#77
Fluoranthene
Concen: 3.568 ng/ul
RT: 19.15 min Scan# 2730
Delta R.T. -0.01 min
Lab File: BN013889.D
Acq: 09 Mar 2021 13:19

Tgt Ion:202 Resp: 186546
Ion Ratio Lower Upper
202 100
101 12.3 8.6 12.8
100 9.0 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

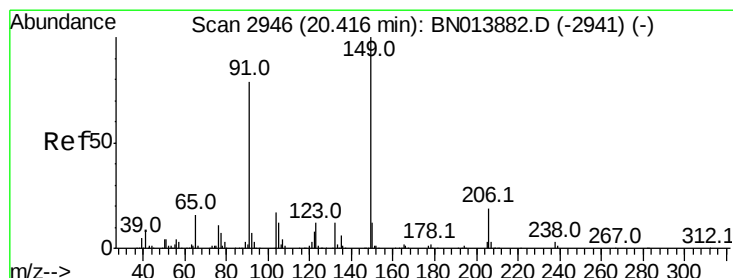
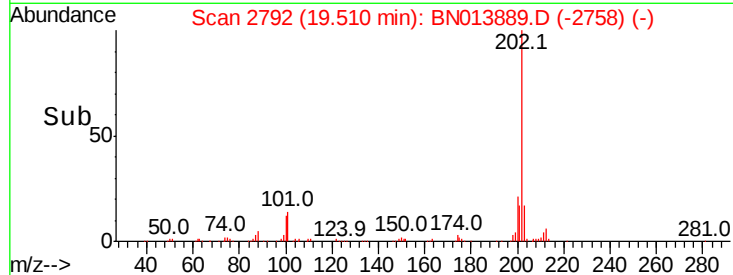
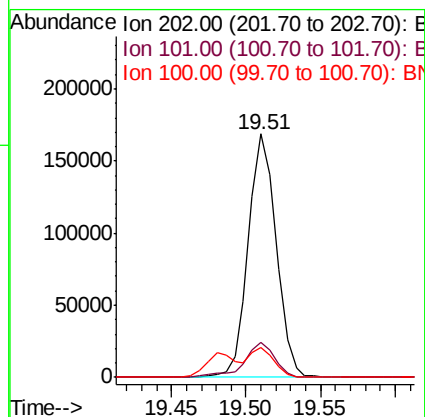
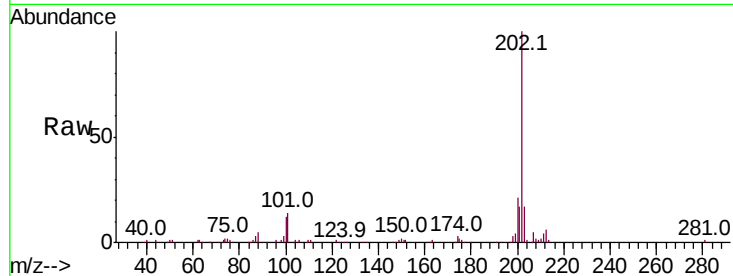




#80
Pvrene
Concen: 3.907 ng/ul
RT: 19.51 min Scan# 2792
Delta R.T. 0.00 min
Lab File: BN013889.D
Acq: 09 Mar 2021 13:19

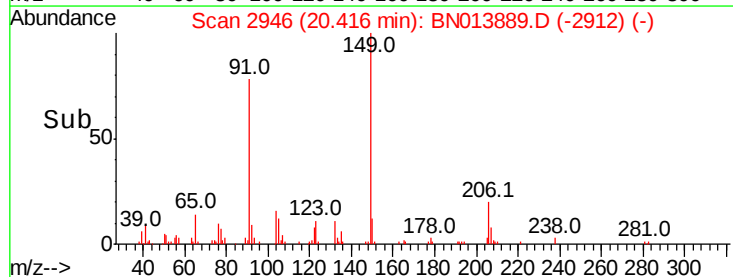
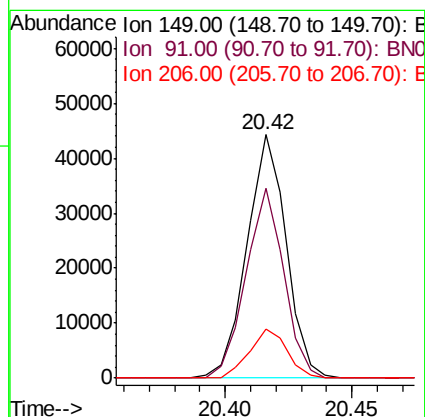
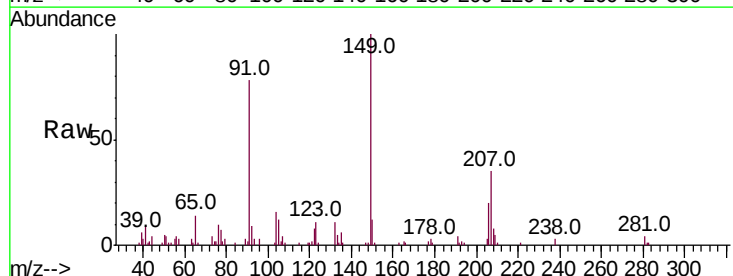
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-04

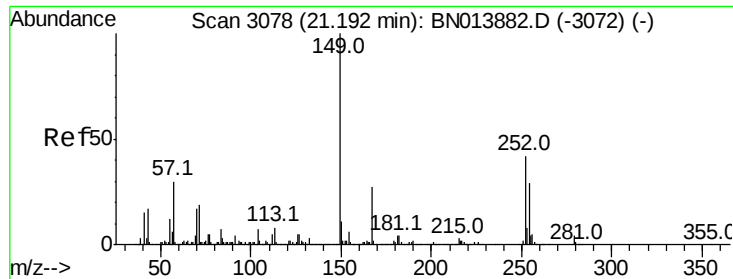
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.1	16.7
100	12.0	9.5	14.3



#81
Butylbenzylphthalate
Concen: 2.472 ng/ul
RT: 20.42 min Scan# 2946
Delta R.T. 0.00 min
Lab File: BN013889.D
Acq: 09 Mar 2021 13:19

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.8	61.4	92.0
206	20.1	14.0	21.0

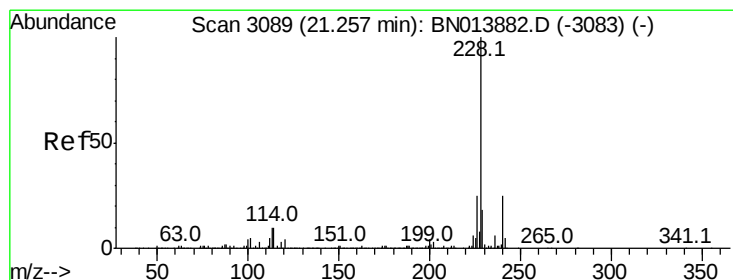
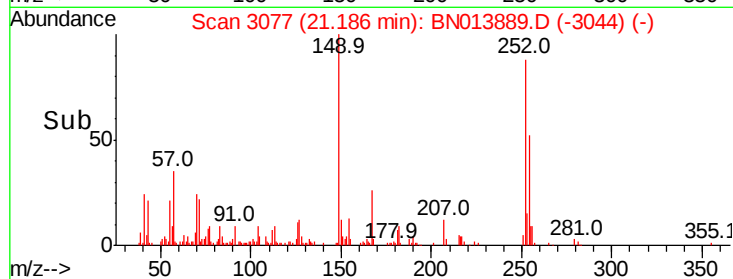
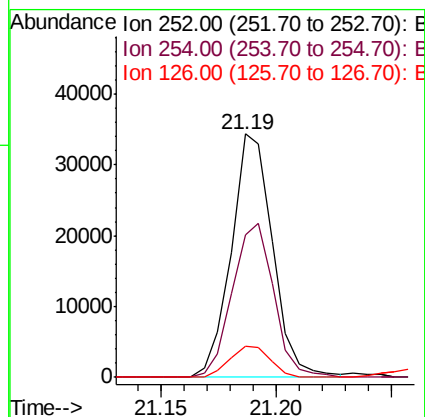
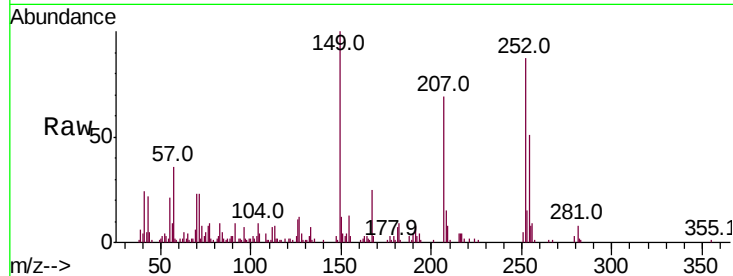




#82
 3,3'-Dichlorobenzidine
 Concen: 2.644 ng/ul
 RT: 21.19 min Scan# 3077
 Delta R.T. -0.01 min
 Lab File: BN013889.D
 Acq: 09 Mar 2021 13:19

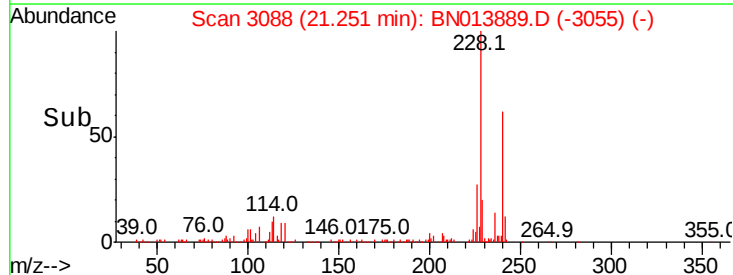
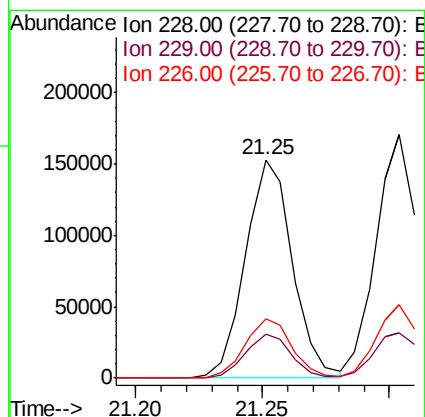
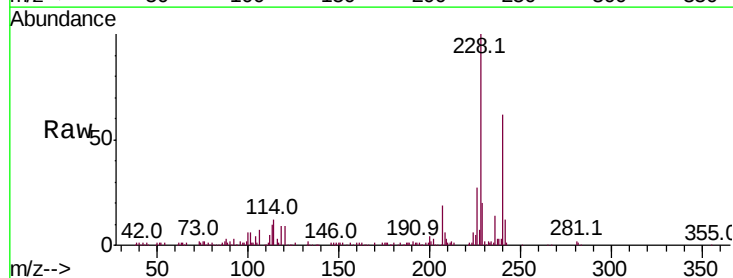
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-04

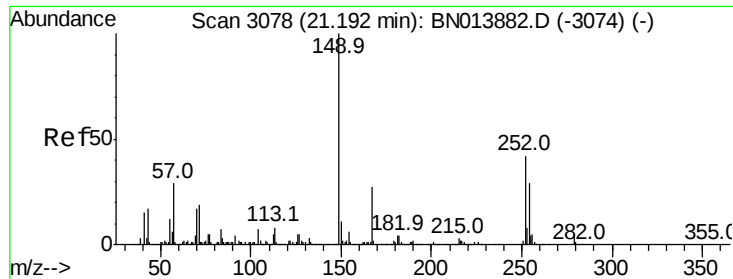
Tot Ion	Ratio	Lower	Upper
252	100		
254	58.7	49.2	73.8
126	12.7	9.0	13.4



#83
 Benzo(a)anthracene
 Concen: 3.685 ng/ul
 RT: 21.25 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BN013889.D
 Acq: 09 Mar 2021 13:19

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.8	23.6
226	27.4	21.4	32.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.316 ng/ul

RT: 21.19 min Scan# 3078

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

Instrument :

BNA_N

ClientSampled :

MDL-SOIL-04

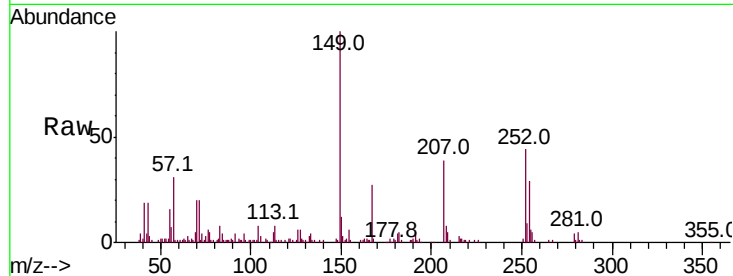
Tot Ion:149 Resp: 74611

Ion Ratio Lower Upper

149 100

167 27.2 21.7 32.5

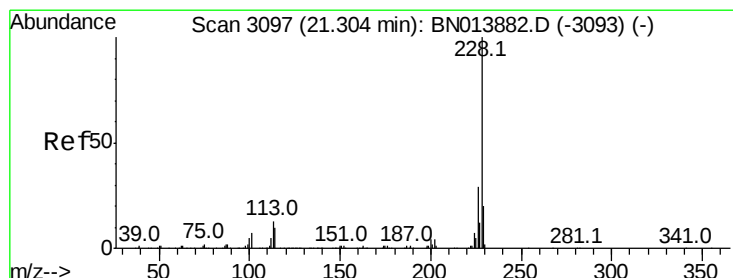
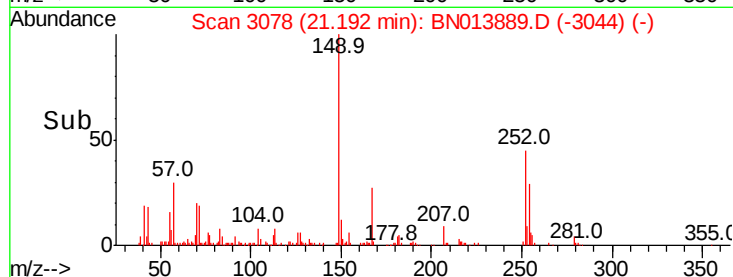
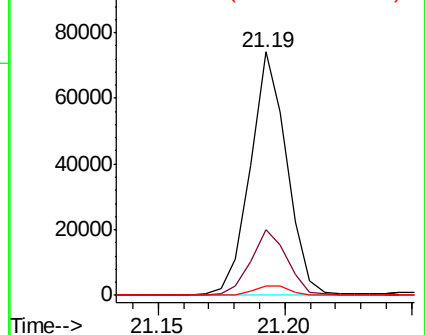
279 3.8 3.4 5.0



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: 3.902 ng/ul

RT: 21.30 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

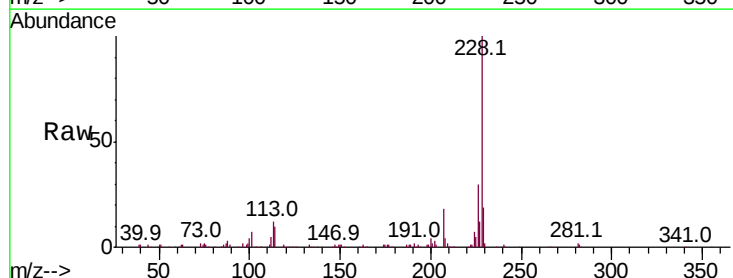
Tgt Ion:228 Resp: 203095

Ion Ratio Lower Upper

228 100

226 30.0 23.6 35.4

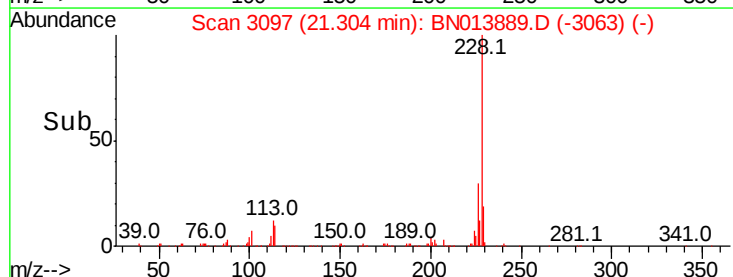
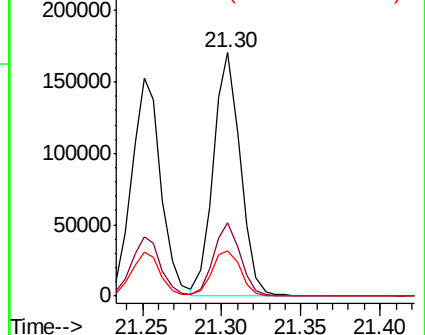
229 18.5 14.9 22.3

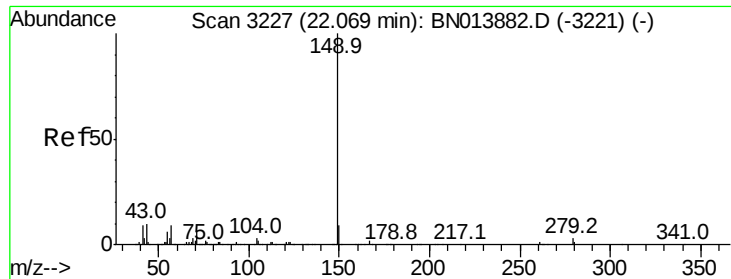


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 2.221 ng/ul

RT: 22.07 min Scan# 3227

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

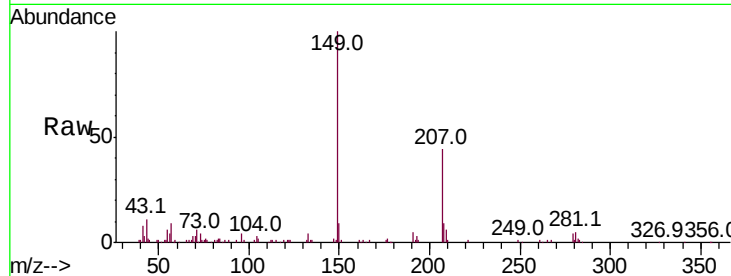
Instrument :

BNA_N

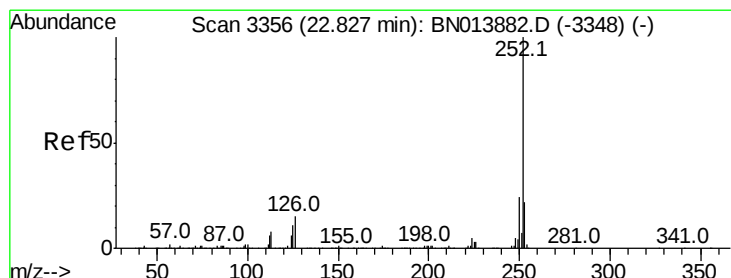
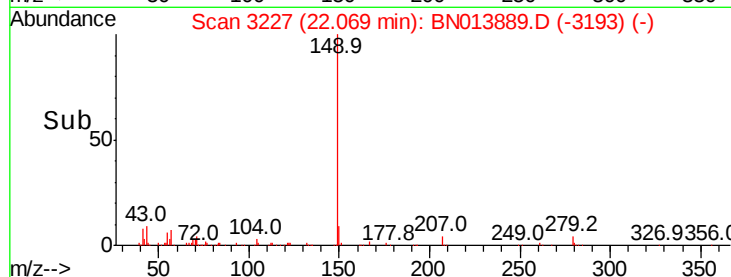
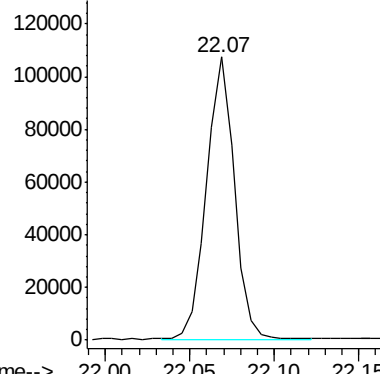
ClientSampleId :

MDL-SOIL-04

Tgt Ion:149 Resp: 122913



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.620 ng/ul

RT: 22.82 min Scan# 3355

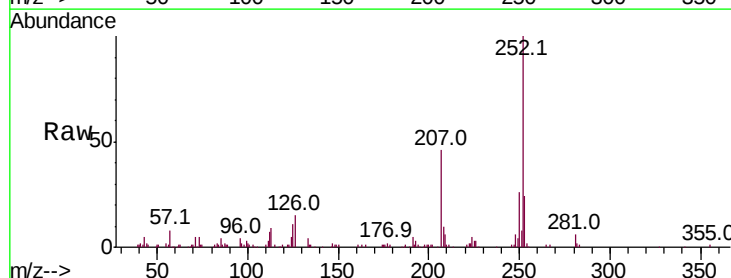
Delta R.T. -0.01 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

Tgt Ion:252 Resp: 194775

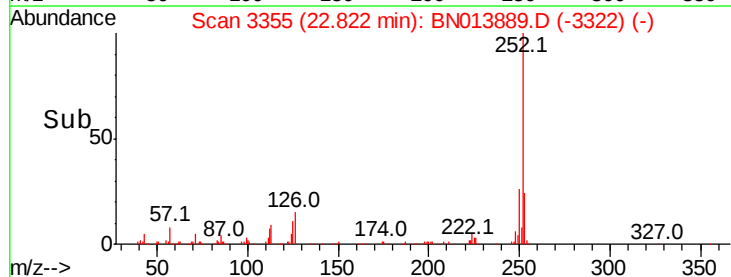
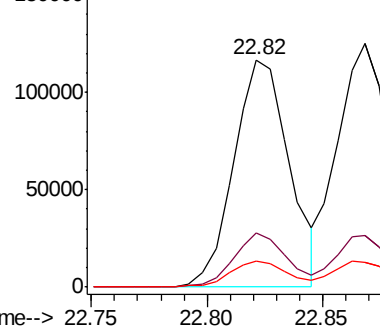
Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.6	27.8
125	11.3	9.3	13.9

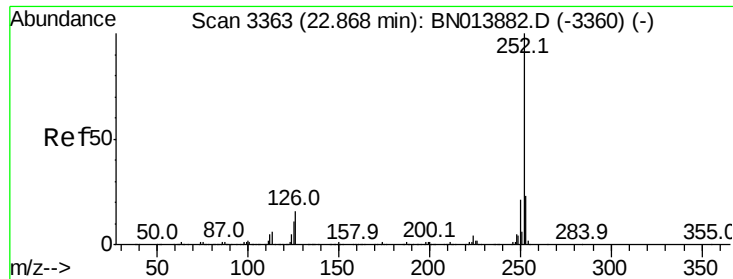


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.682 ng/ul

RT: 22.87 min Scan# 3363

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-04

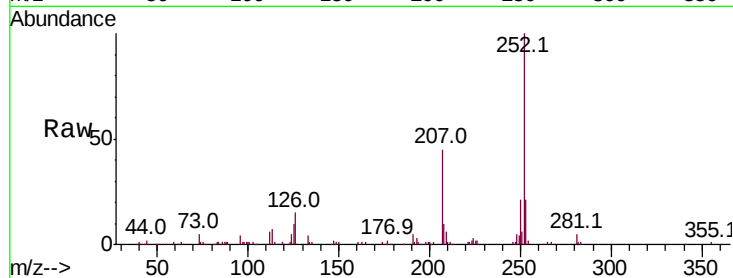
Tot Ion:252 Resp: 198738

Ion Ratio Lower Upper

252 100

253 21.4 18.1 27.1

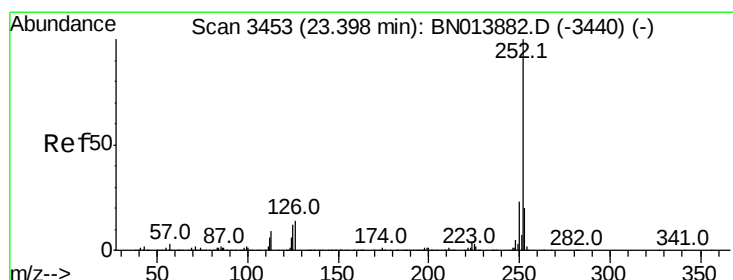
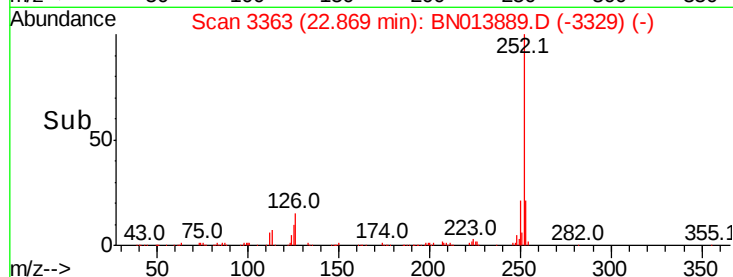
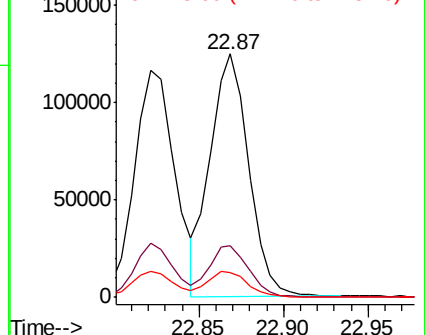
125 10.3 9.2 13.8



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: 3.961 ng/ul

RT: 23.40 min Scan# 3453

Delta R.T. 0.00 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

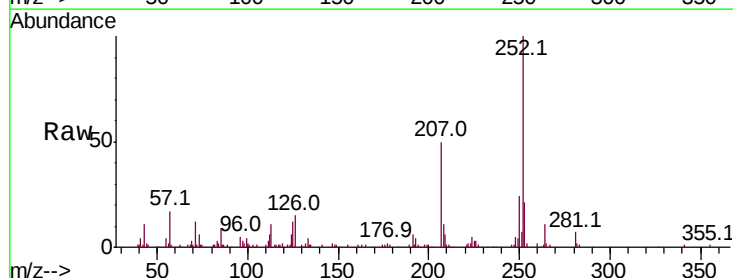
Tgt Ion:252 Resp: 193160

Ion Ratio Lower Upper

252 100

253 20.8 16.9 25.3

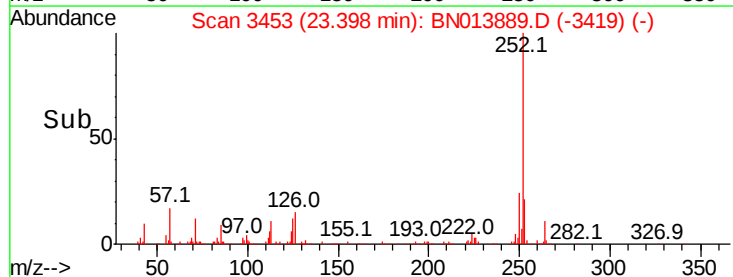
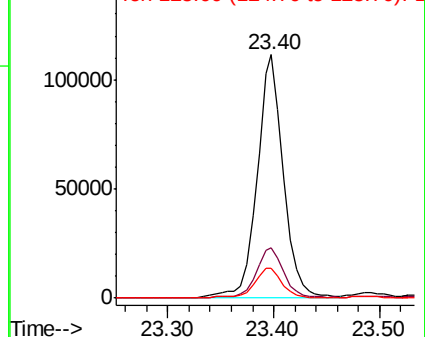
125 12.1 9.0 13.6

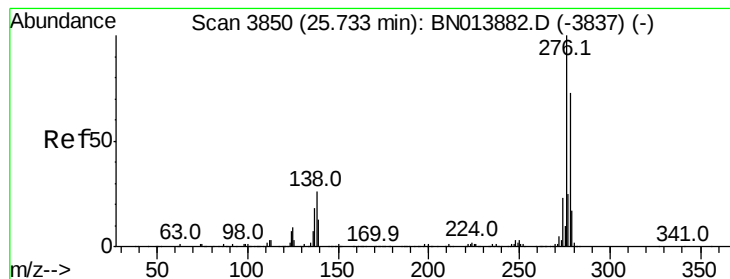


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 3.715 ng/ul

RT: 25.72 min Scan# 3848

Delta R.T. -0.01 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

Instrument :

BNA_N

ClientSampled :

MDL-SOIL-04

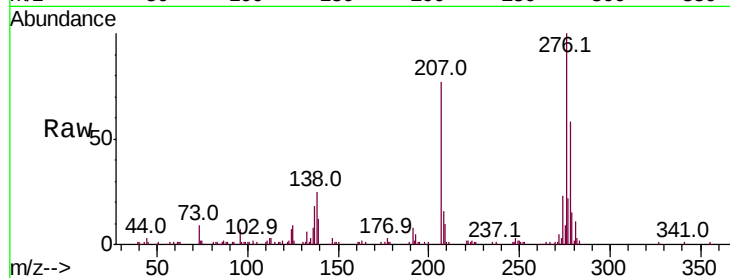
Tot Ion:276 Resp: 226390

Ion Ratio Lower Upper

276 100

138 25.5 20.3 30.5

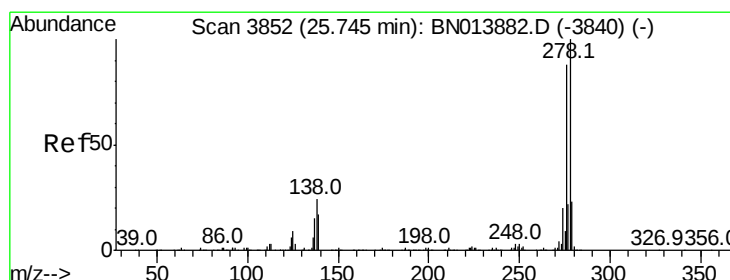
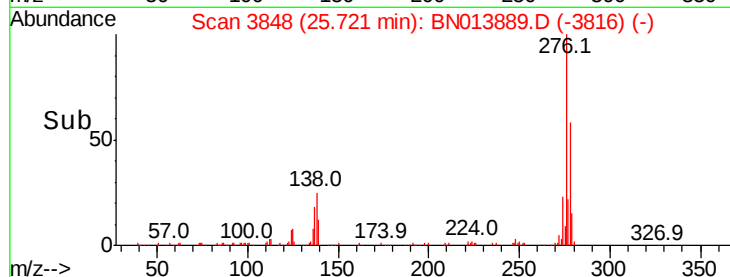
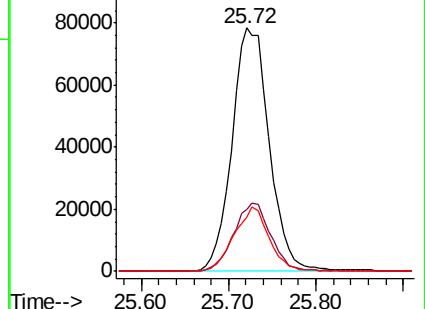
277 22.3 18.3 27.5



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: 3.542 ng/ul

RT: 25.74 min Scan# 3851

Delta R.T. -0.01 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

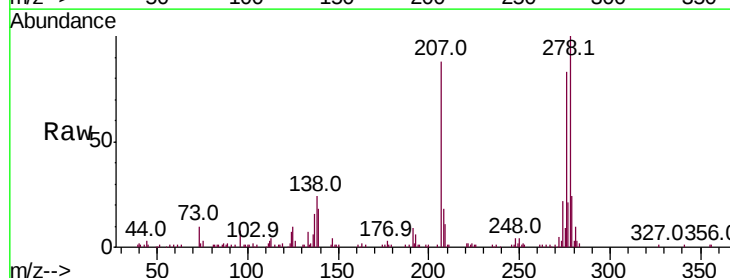
Tgt Ion:278 Resp: 184081

Ion Ratio Lower Upper

278 100

139 17.5 14.2 21.2

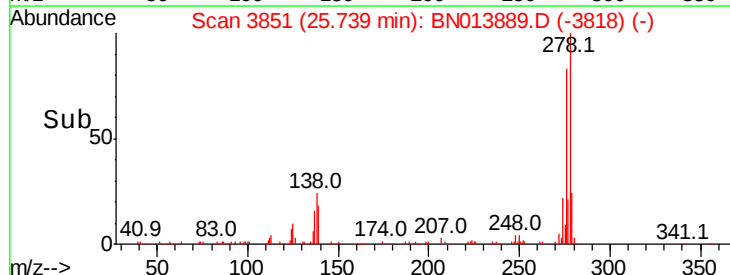
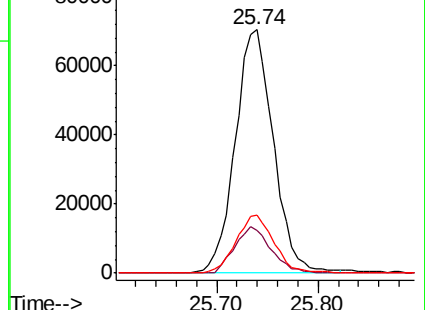
279 23.8 18.5 27.7

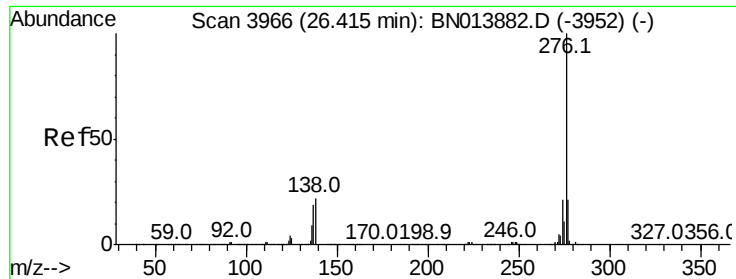


Abundance Ion 278.00 (277.70 to 278.70): E

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: 3.563 ng/ul

RT: 26.40 min Scan# 3964

Delta R.T. -0.01 min

Lab File: BN013889.D

Acq: 09 Mar 2021 13:19

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-04

Tot Ion: 276 Resp: 182377

Ion Ratio Lower Upper

276 100

138 23.8 17.5 26.3

277 22.4 19.9 29.9

