

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030921\
 Data File : BN013893.D
 Acq On : 09 Mar 2021 15:44
 Operator : CG/JU
 Sample : M1534-18
 Misc : SOM-MDL-MES-04
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-ME-SOIL-04

Quant Time: Mar 09 16:15:50 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	144477	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	609154	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	358754	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	737286	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	704076	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	712017	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	17407	4.78	ng/uL	0.00
5) Phenol-d5	6.88	99	429762	36.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	287781	39.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	346227	38.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	324717	36.70	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	158088	38.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	154868	39.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	306359	36.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	444068	42.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	905250	37.58	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1217642	38.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	145686	32.24	ng/ul	0.00
58) Fluorene-d10	15.35	176	824008	38.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	102092	29.79	ng/ul	0.00
71) Anthracene-d10	17.19	188	1197713	37.17	ng/ul	0.00
79) Pyrene-d10	19.48	212	1329632	38.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.35	264	1387055	39.13	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.25	88	3454	0.935 ng/uL#	85
4) Benzaldehyde	6.86	77	31039	5.278 ng/ul	96
6) Phenol	6.91	94	49706	3.969 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.15	93	41480	4.235 ng/ul	96
10) 2-Chlorophenol	7.28	128	39633	4.164 ng/ul	98
11) 2-Methylphenol	8.15	108	32648	3.614 ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.25	45	61105	4.086 ng/ul#	96
14) Acetophenone	8.53	105	58962	4.044 ng/ul	100
15) N-Nitroso-di-n-propylamine	8.52	70	27362	3.782 ng/ul#	94
16) 4-Methylphenol	8.48	108	39371	4.016 ng/ul	97
17) Hexachloroethane	8.79	117	16032	3.970 ng/ul	96
20) Nitrobenzene	8.91	77	46348	4.157 ng/ul	99
21) Isophorone	9.43	82	67806	3.468 ng/ul	99
23) 2-Nitrophenol	9.62	139	19163	4.207 ng/ul	92
24) 2,4-Dimethylphenol	9.68	107	41903	3.906 ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.92	93	50405	3.861 ng/ul	99
27) 2,4-Dichlorophenol	10.15	162	35777	4.087 ng/ul	94
28) Naphthalene	10.55	128	131902	4.177 ng/ul	99
30) 4-Chloroaniline	10.66	127	51243	4.683 ng/ul	98
31) Hexachlorobutadiene	10.84	225	23202	4.162 ng/ul	98
32) Caprolactam	11.42	113	6180	2.333 ng/ul	97
33) 4-Chloro-3-methylphenol	11.78	107	29656	3.324 ng/ul	98
34) 2-Methylnaphthalene	12.16	142	87700	4.065 ng/ul	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.38	142	84578	4.067	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	44067	4.080	ng/ul#	92
38) Hexachlorocyclopentadiene	12.52	237	21344	3.319	ng/ul	99
39) 2,4,6-Trichlorophenol	12.78	196	19318	3.099	ng/ul	97
40) 2,4,5-Trichlorophenol	12.84	196	23509	3.437	ng/ul	99
41) 1,1'-Biphenyl	13.18	154	111727	4.142	ng/ul	99
42) 2-Chloronaphthalene	13.22	162	89643	4.250	ng/ul	98
43) 2-Nitroaniline	13.42	65	15954	2.918	ng/ul	95
45) Dimethylphthalate	13.81	163	102367	4.107	ng/ul	99
46) 2,6-Dinitrotoluene	13.92	165	13527	3.028	ng/ul#	87
48) Acenaphthylene	14.07	152	131064	4.243	ng/ul	99
49) 3-Nitroaniline	14.25	138	15536	3.198	ng/ul	94
50) Acenaphthene	14.42	153	93273	4.139	ng/ul	96
51) 2,4-Dinitrophenol	14.46	184	4782	2.034	ng/ul	96
53) 4-Nitrophenol	14.56	109	13697	3.763	ng/ul	94
54) Dibenzofuran	14.75	168	130536	4.202	ng/ul	98
55) 2,4-Dinitrotoluene	14.71	165	21556	3.378	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.97	232	17554	3.325	ng/ul#	96
57) Diethylphthalate	15.17	149	91373	3.668	ng/ul	98
59) Fluorene	15.40	166	106333	4.207	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.40	204	51032	4.208	ng/ul	92
61) 4-Nitroaniline	15.41	138	16761	3.012	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.47	198	12710	3.521	ng/ul#	72
65) N-Nitrosodiphenylamine	15.61	169	83465	3.931	ng/ul	99
66) 4-Bromophenyl-phenylether	16.29	248	28121	3.982	ng/ul	97
67) Hexachlorobenzene	16.40	284	32597	3.864	ng/ul#	90
68) Atrazine	16.56	200	20723	2.824	ng/ul	97
69) Pentachlorophenol	16.74	266	9481	2.133	ng/ul	97
70) Phenanthrene	17.13	178	165716	4.148	ng/ul	98
72) Anthracene	17.23	178	170623	4.202	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	44249	4.098	ng/uL	96
74) Pentachlorobenzene	14.67	250	40143	3.947	ng/uL	92
75) Carbazole	17.49	167	131186	3.621	ng/ul	99
76) Di-n-butylphthalate	18.06	149	120761	2.979	ng/ul	99
77) Fluoranthene	19.15	202	165892	3.756	ng/ul	98
80) Pvrene	19.51	202	192165	4.239	ng/ul	98
81) Butylbenzylphthalate	20.42	149	40718	2.609	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.19	252	36117	2.733	ng/ul	97
83) Benzo(a)anthracene	21.25	228	168313	3.884	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.19	149	63831	2.444	ng/ul	96
85) Chrysene	21.30	228	176960	4.195	ng/ul	98
87) Di-n-octyl phthalate	22.07	149	98514	2.214	ng/ul	100
88) Benzo(b)fluoranthene	22.82	252	169191	3.911	ng/ul	98
89) Benzo(k)fluoranthene	22.87	252	165741	3.819	ng/ul	99
91) Benzo(a)pyrene	23.39	252	161101	4.109	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.73	276	183795	3.751	ng/ul	95
93) Dibenzo(a,h)anthracene	25.74	278	159164	3.810	ng/ul	98
94) Benzo(a,h,i)perylene	26.41	276	157033	3.816	ng/ul	99

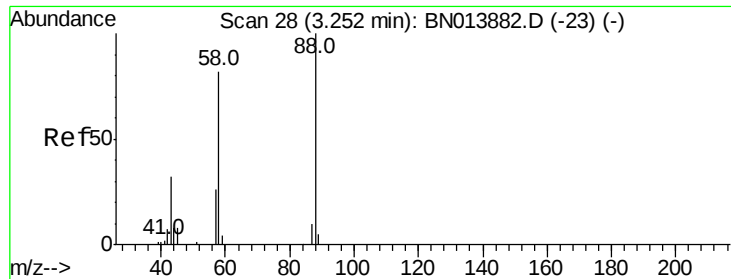
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#2

1,4-Dioxane

Concen: 0.935 ng/uL

RT: 3.25 min Scan# 28

Delta R.T. 0.00 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-04

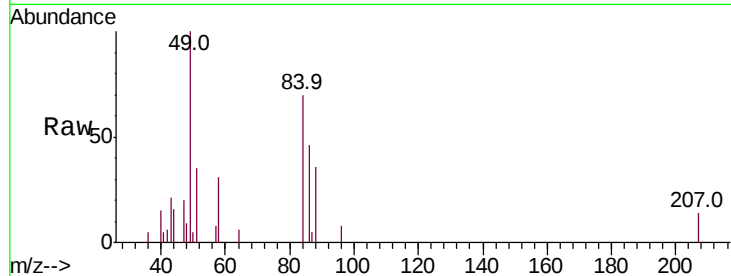
Tot Ion: 88 Resp: 3454

Ion Ratio Lower Upper

88 100

43 58.7 31.3 46.9#

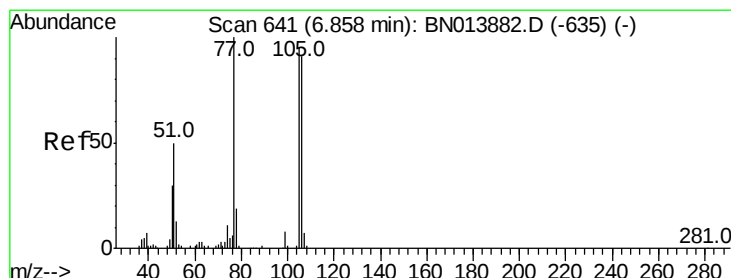
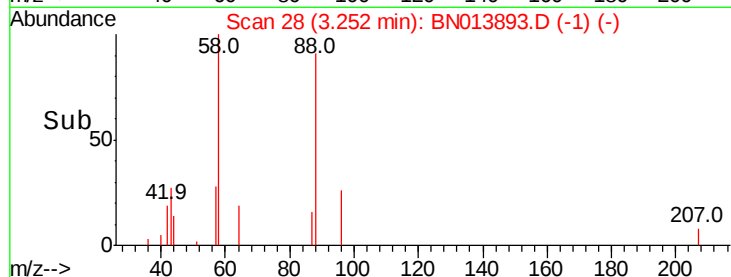
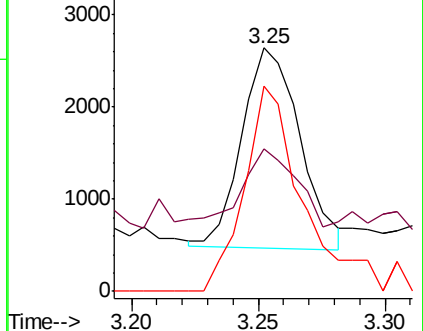
58 84.5 62.7 94.1



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: 5.278 ng/uL

RT: 6.86 min Scan# 642

Delta R.T. 0.01 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

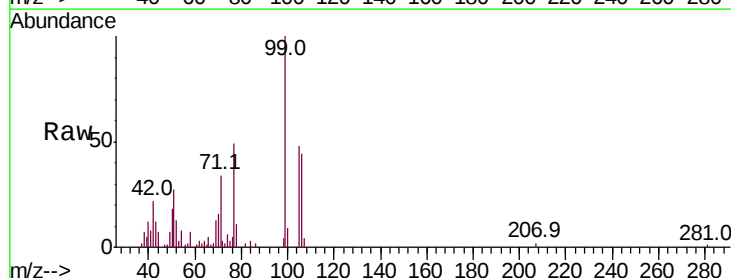
Tgt Ion: 77 Resp: 31039

Ion Ratio Lower Upper

77 100

105 97.6 78.7 118.1

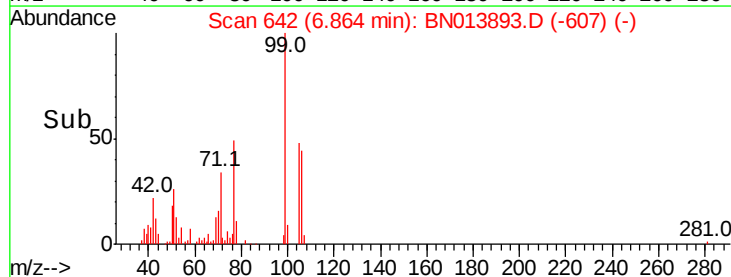
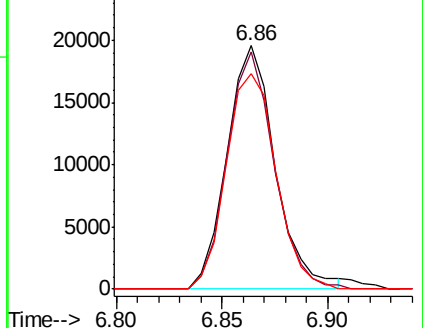
106 88.3 75.8 113.6

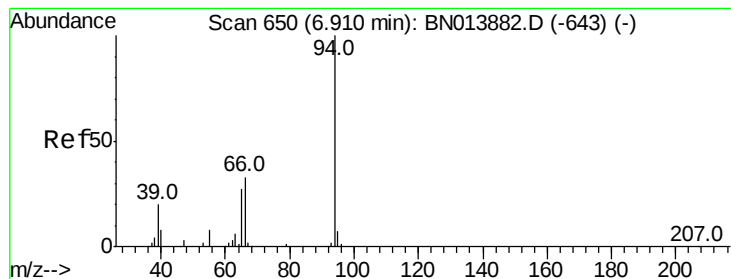


Abundance Ion 77.00 (76.70 to 77.70): BN013882.D (-635) (-)

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: 3.969 ng/ul

RT: 6.91 min Scan# 650

Delta R.T. 0.00 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

Instrument :

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ClientSampleId :

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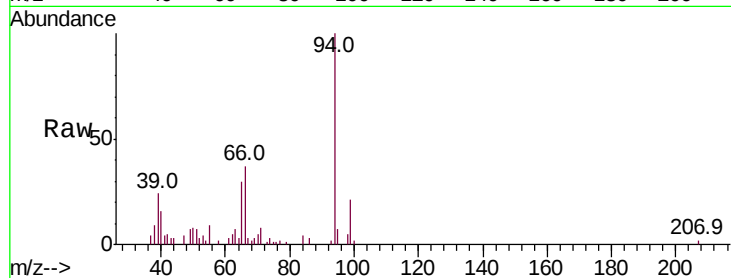
Tot Ion: 94 Resp: 49706

Ion Ratio Lower Upper

94 100

65 30.4 23.1 34.7

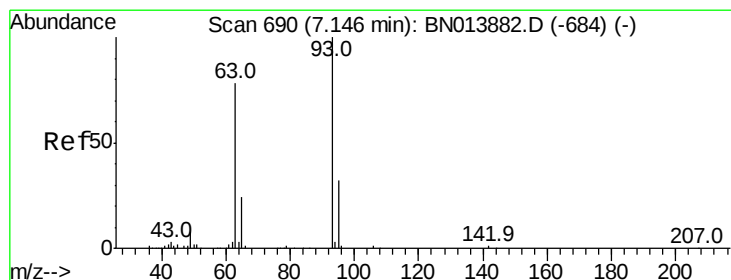
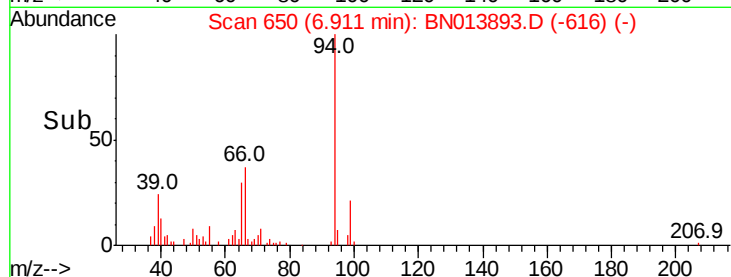
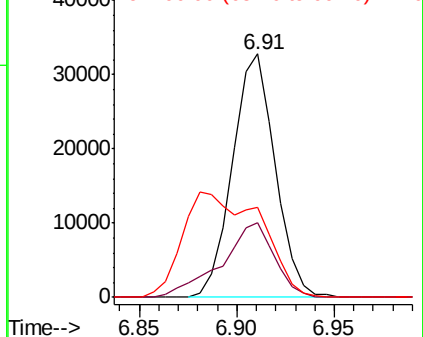
66 36.9 29.1 43.7



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: 4.235 ng/ul

RT: 7.15 min Scan# 690

Delta R.T. 0.00 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

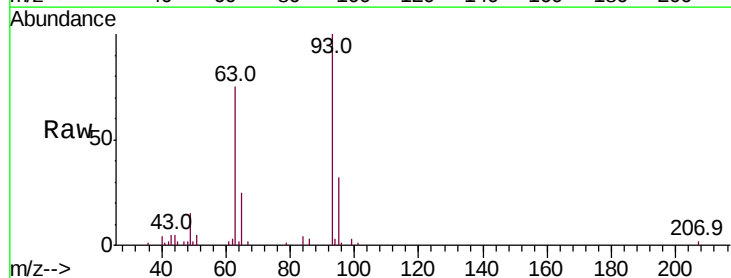
Tgt Ion: 93 Resp: 41480

Ion Ratio Lower Upper

93 100

63 74.7 63.1 94.7

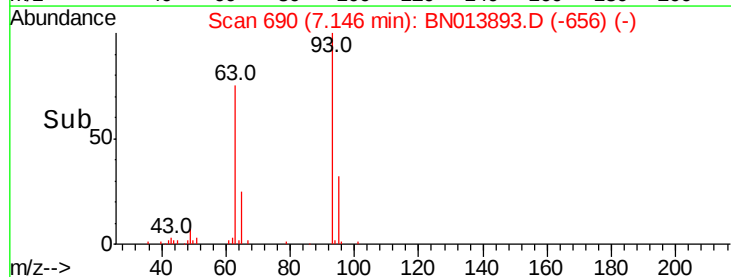
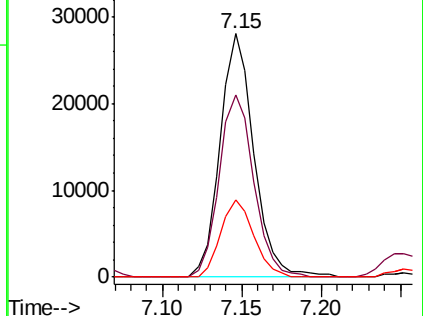
95 31.6 26.2 39.2

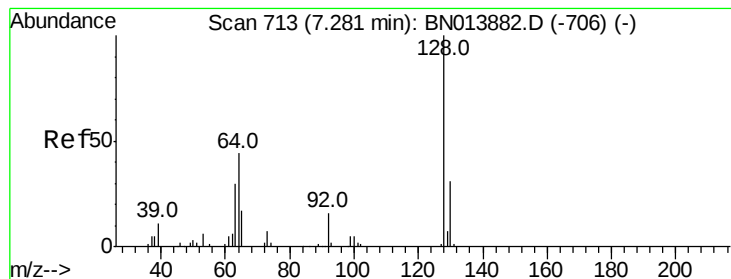


Abundance Ion 93.00 (92.70 to 93.70): BN013882.D (-684) (-)

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: 4.164 ng/ul

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

Instrument :

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ClientSampleId :

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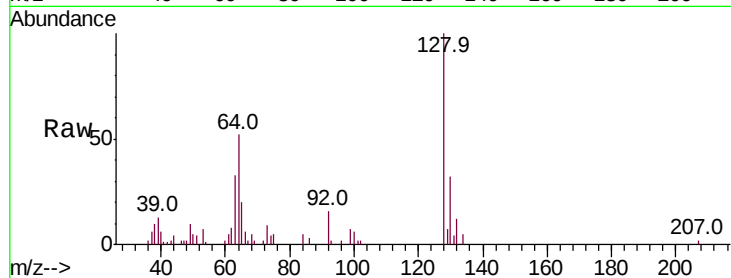
Tot Ion:128 Resp: 39633

Ion Ratio Lower Upper

128 100

64 52.0 40.1 60.1

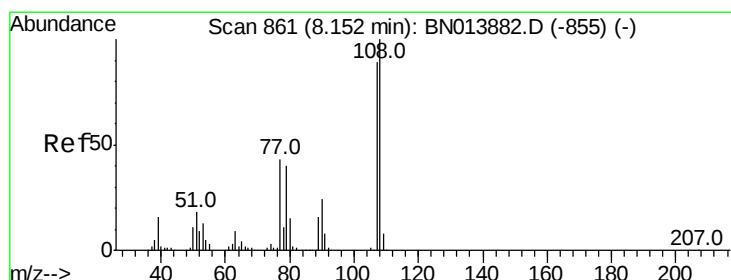
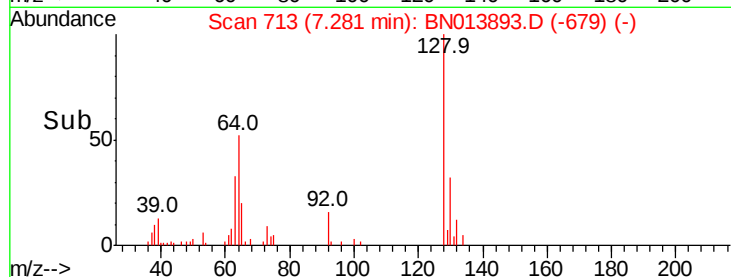
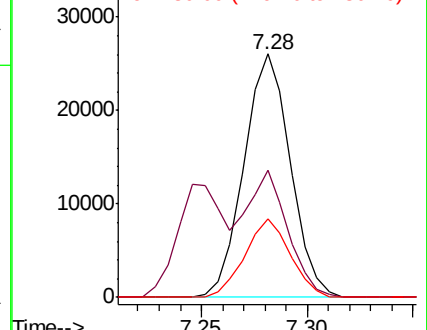
130 32.2 25.9 38.9



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: 3.614 ng/ul

RT: 8.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BN013893.D

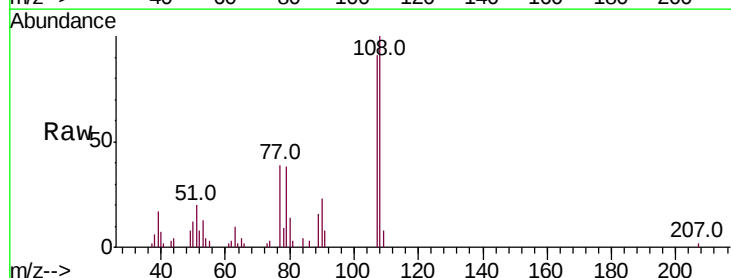
Acq: 09 Mar 2021 15:44

Tgt Ion:108 Resp: 32648

Ion Ratio Lower Upper

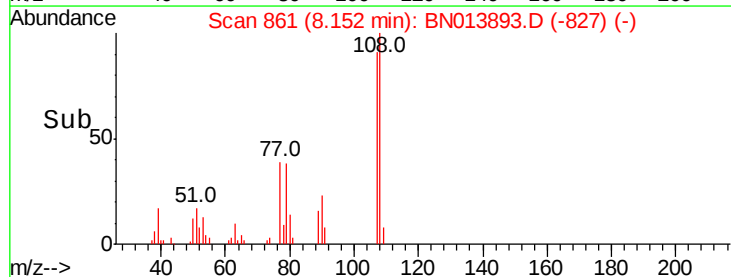
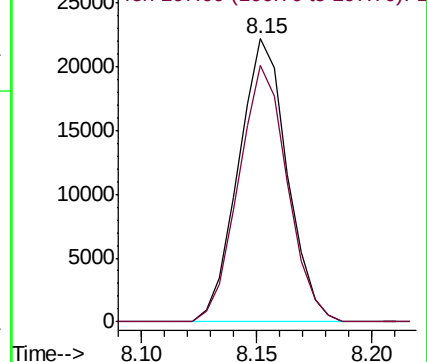
108 100

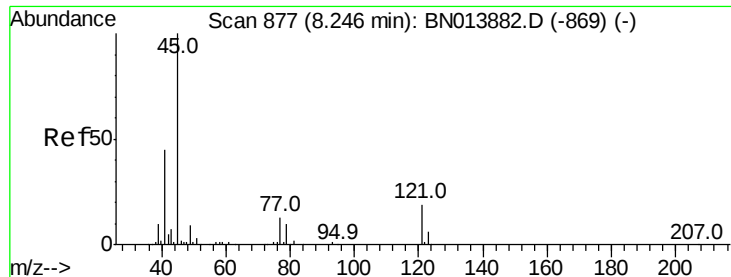
107 90.7 70.3 105.5



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: 4.086 ng/ul

RT: 8.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

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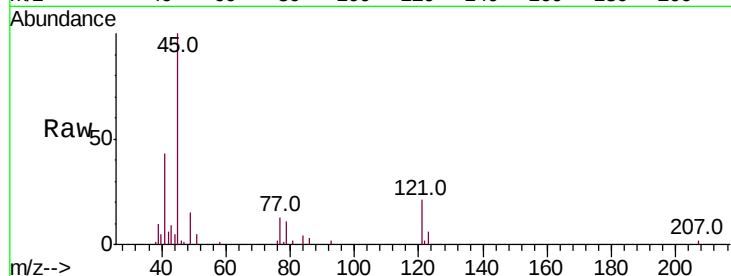
Tot Ion: 45 Resp: 61105

Ion Ratio Lower Upper

45 100

77 13.5 9.8 14.8

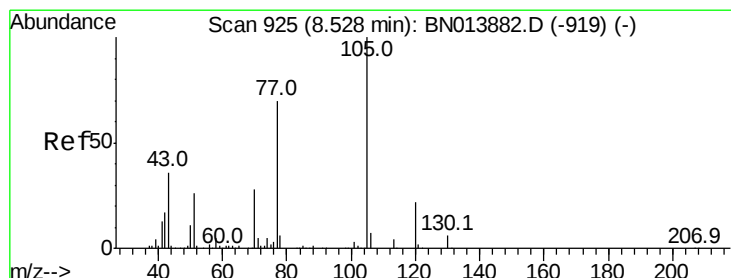
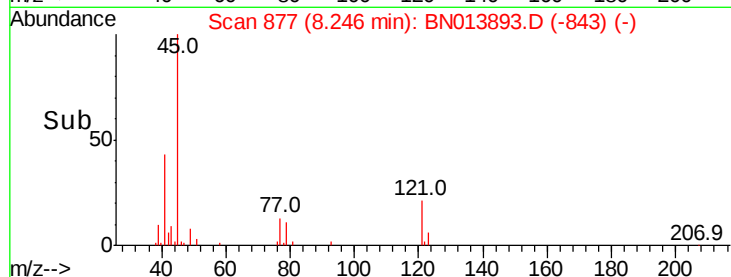
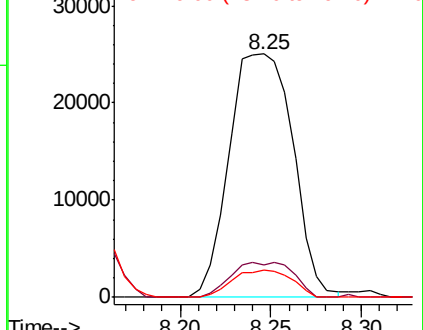
79 11.3 7.5 11.3#



Abundance Ion 45.00 (44.70 to 45.70): BN013882.D (-869) (-)

Ion 77.00 (76.70 to 77.70): BN013882.D (-869) (-)

Ion 79.00 (78.70 to 79.70): BN013882.D (-869) (-)



#14

Acetophenone

Concen: 4.044 ng/ul

RT: 8.53 min Scan# 925

Delta R.T. 0.00 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

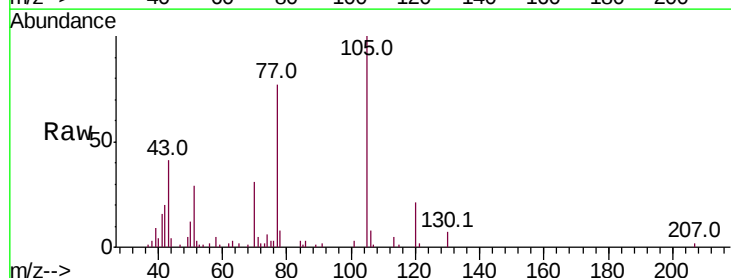
Tgt Ion: 105 Resp: 58962

Ion Ratio Lower Upper

105 100

77 77.2 62.0 93.0

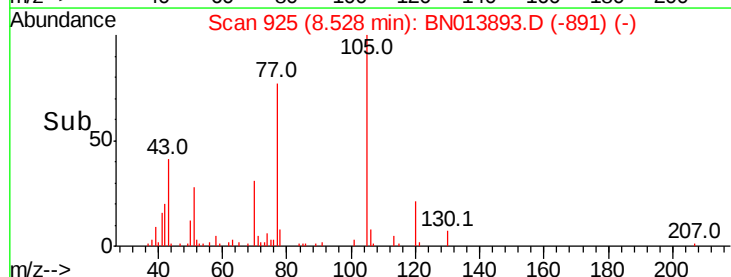
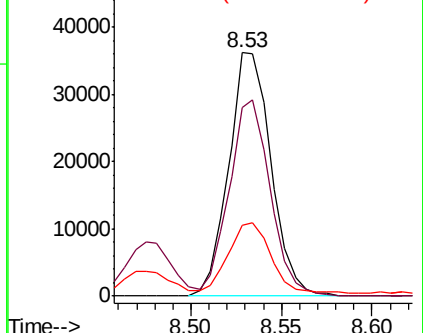
51 29.1 23.7 35.5

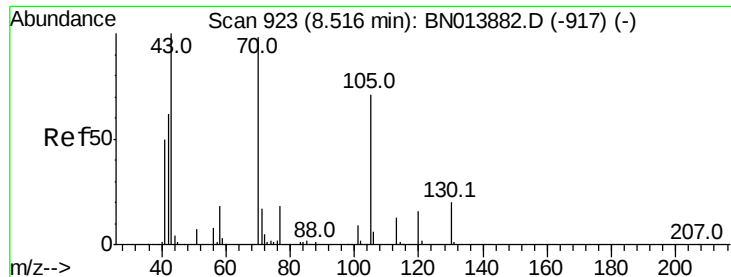


Abundance Ion 105.00 (104.70 to 105.70): BN013882.D (-919) (-)

Ion 77.00 (76.70 to 77.70): BN013882.D (-919) (-)

Ion 51.00 (50.70 to 51.70): BN013882.D (-919) (-)

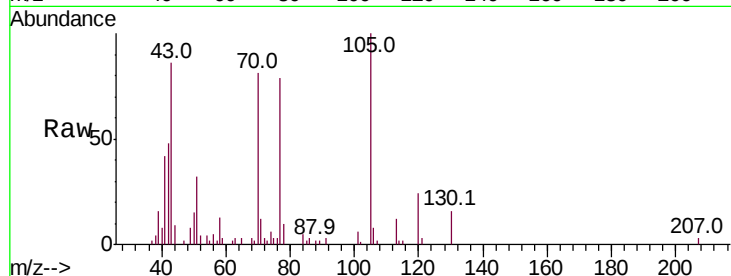




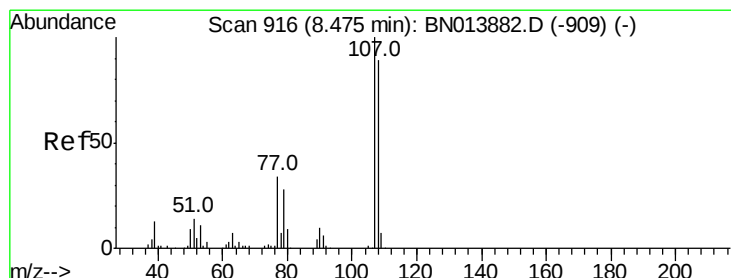
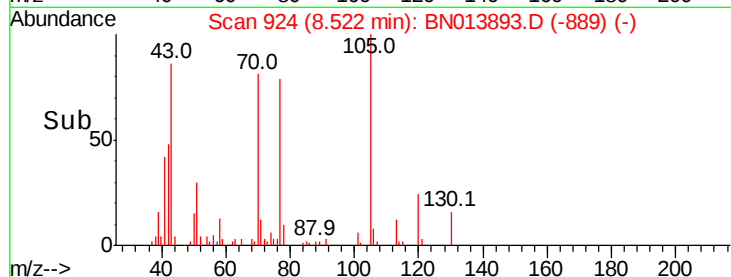
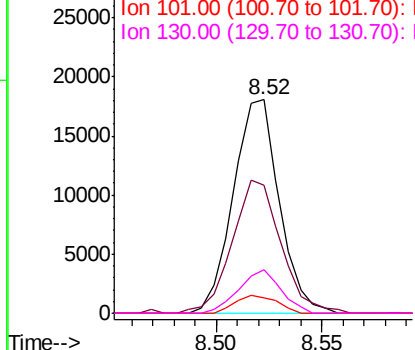
#15
N-Nitroso-di-n-propylamine
Concen: 3.782 ng/ul
RT: 8.52 min Scan# 924
Delta R.T. 0.01 min
Lab File: BN013893.D
Acq: 09 Mar 2021 15:44

Instrument :
BNA_N
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion: 70 Resp: 27362
Ion Ratio Lower Upper
70 100
42 59.8 52.4 78.6
101 7.3 7.6 11.4#
130 20.4 16.1 24.1

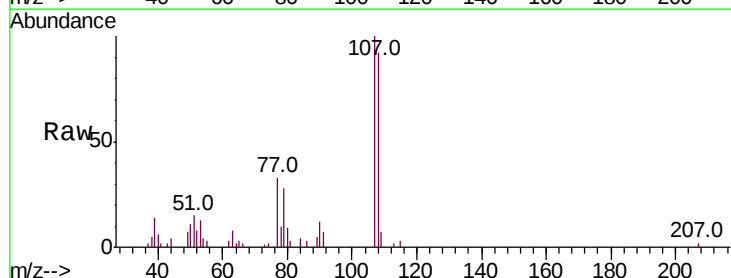


Abundance Ion 70.00 (69.70 to 70.70): BN013882.D (-917) (-)
Ion 42.00 (41.70 to 42.70): BN013882.D (-917) (-)
Ion 101.00 (100.70 to 101.70): BN013882.D (-917) (-)
Ion 130.00 (129.70 to 130.70): BN013882.D (-917) (-)

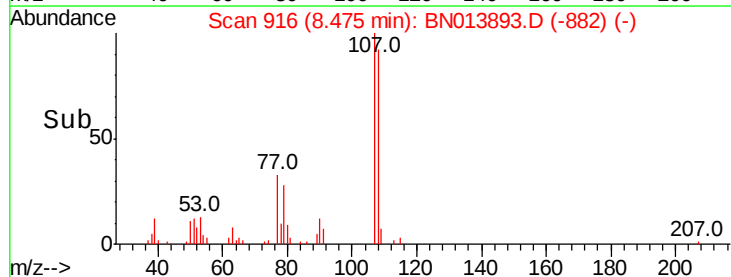
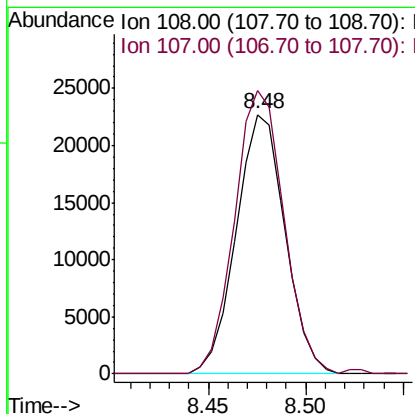


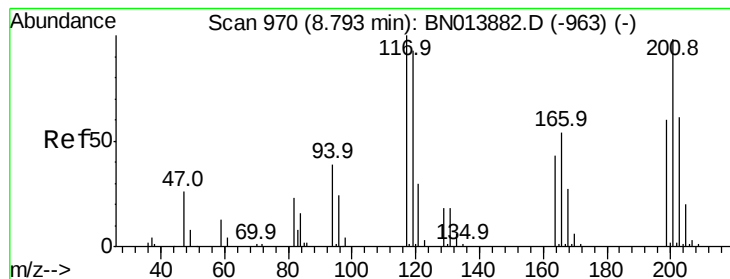
#16
4-Methylphenol
Concen: 4.016 ng/ul
RT: 8.48 min Scan# 916
Delta R.T. 0.00 min
Lab File: BN013893.D
Acq: 09 Mar 2021 15:44

Tgt Ion: 108 Resp: 39371
Ion Ratio Lower Upper
108 100
107 109.2 89.9 134.9



Abundance Ion 108.00 (107.70 to 108.70): BN013882.D (-909) (-)
Ion 107.00 (106.70 to 107.70): BN013882.D (-909) (-)





#17

Hexachloroethane

Concen: 3.970 ng/ul

RT: 8.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-04

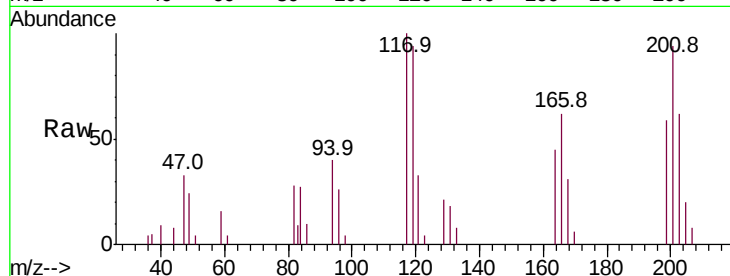
Tot Ion:117 Resp: 16032

Ion Ratio Lower Upper

117 100

201 93.8 77.8 116.6

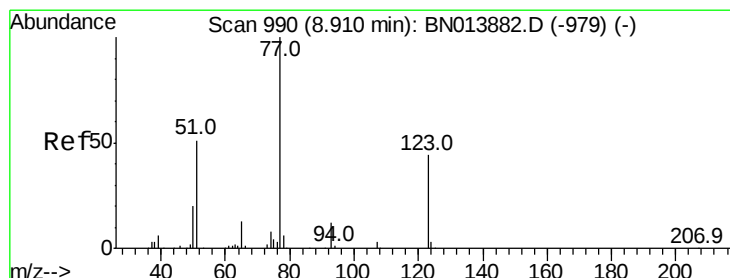
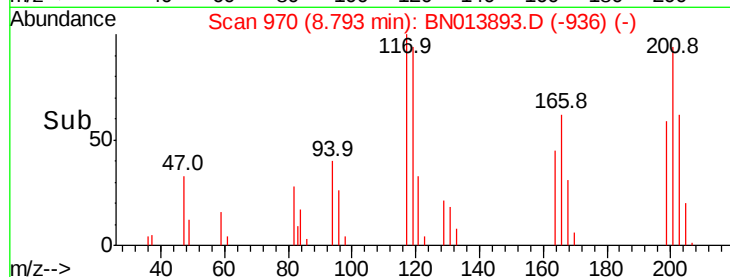
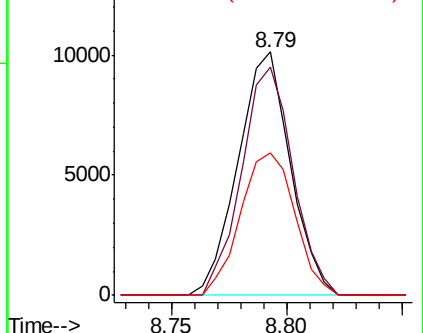
199 58.7 49.6 74.4



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: 4.157 ng/ul

RT: 8.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

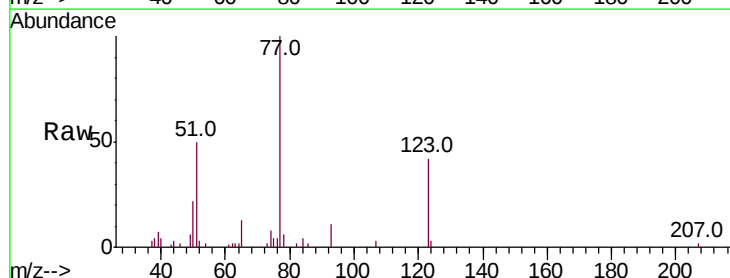
Tgt Ion: 77 Resp: 46348

Ion Ratio Lower Upper

77 100

123 42.5 34.7 52.1

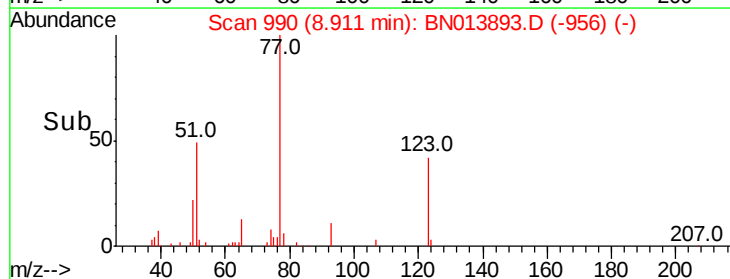
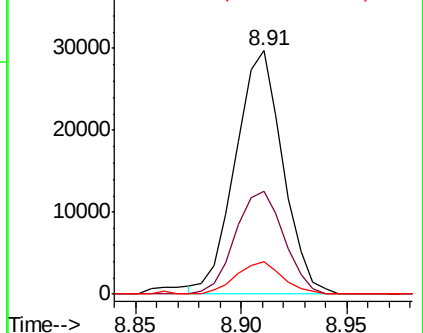
65 13.3 11.0 16.4

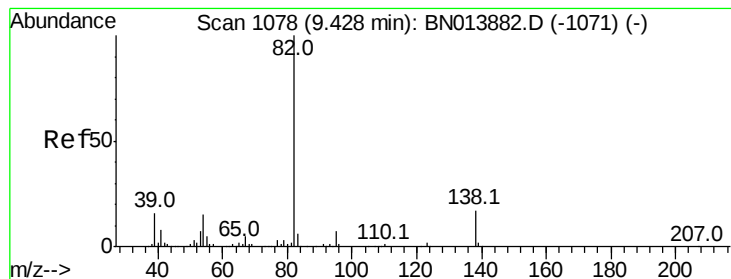


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BNC





#21

Isophorone

Concen: 3.468 ng/ul

RT: 9.43 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-04

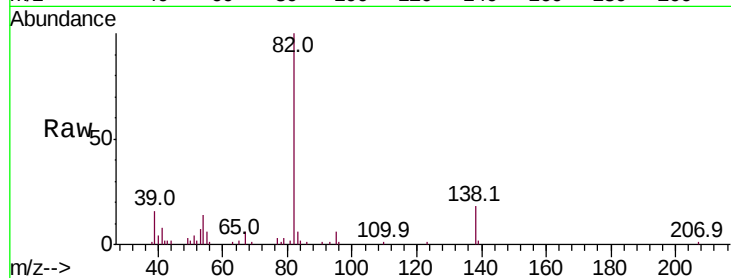
Tot Ion: 82 Resp: 67806

Ion Ratio Lower Upper

82 100

95 6.1 5.2 7.8

138 17.7 13.8 20.6

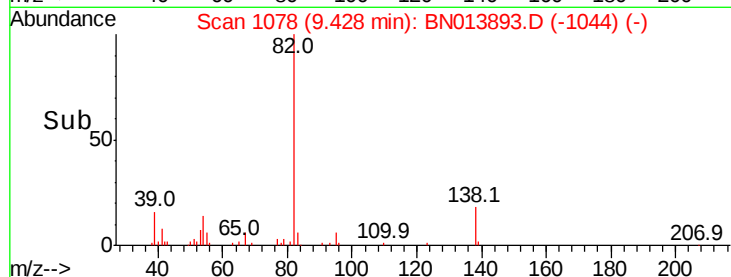


Abundance Ion 82.00 (81.70 to 82.70): BN013882.D (-1071) (-)

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

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

Time--> 9.35 9.40 9.45 9.50

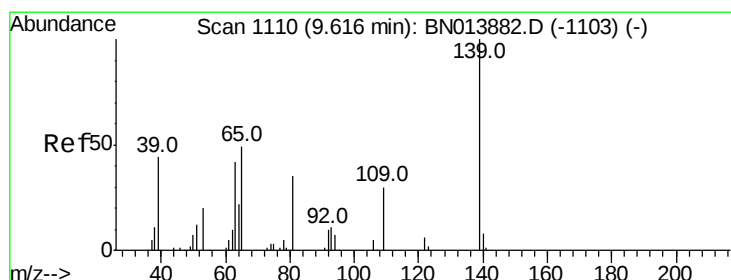


Abundance Ion 82.00 (81.70 to 82.70): BN013893.D (-1044) (-)

Ion 95.00 (94.70 to 95.70): BN013893.D (-1044) (-)

Ion 138.00 (137.70 to 138.70): BN013893.D (-1044) (-)

Time--> 9.35 9.40 9.45 9.50



#23

2-Nitrophenol

Concen: 4.207 ng/ul

RT: 9.62 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

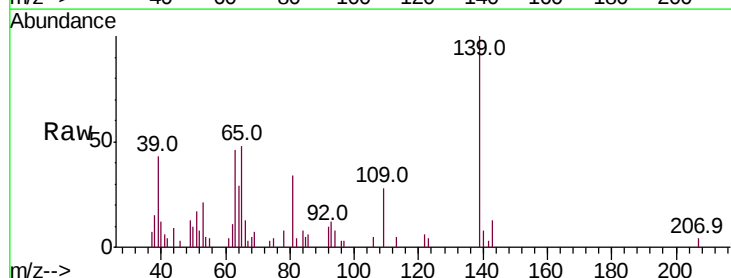
Tgt Ion: 139 Resp: 19163

Ion Ratio Lower Upper

139 100

65 47.9 43.9 65.9

109 27.7 24.2 36.4

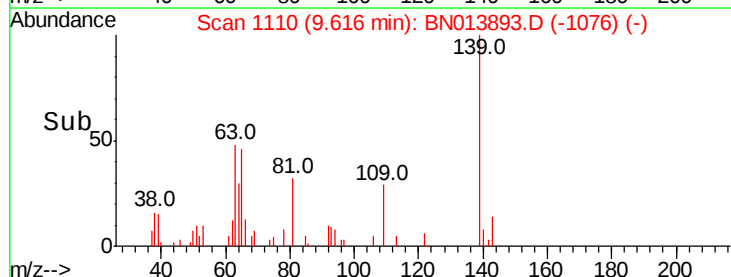


Abundance Ion 139.00 (138.70 to 139.70): BN013882.D (-1103) (-)

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

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

Time--> 9.55 9.60 9.65 9.70

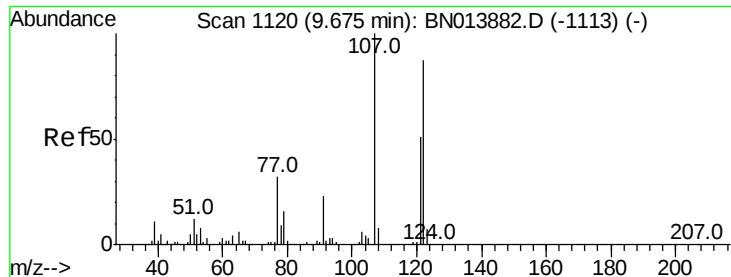


Abundance Ion 139.00 (138.70 to 139.70): BN013893.D (-1076) (-)

Ion 65.00 (64.70 to 65.70): BN013893.D (-1076) (-)

Ion 109.00 (108.70 to 109.70): BN013893.D (-1076) (-)

Time--> 9.55 9.60 9.65 9.70



#24

2,4-Dimethylphenol

Concen: 3.906 ng/ul

RT: 9.68 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-04

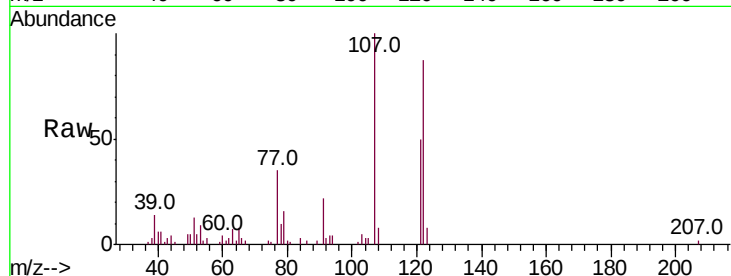
Tot Ion:107 Resp: 41903

Ion Ratio Lower Upper

107 100

121 50.5 40.6 61.0

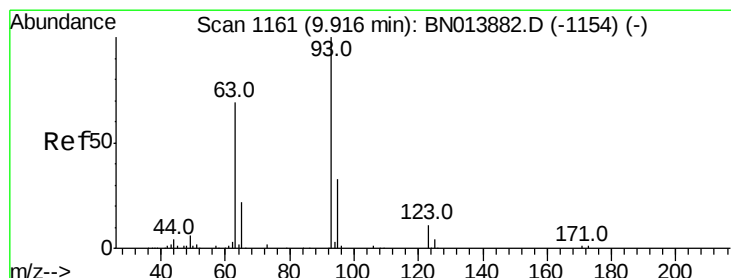
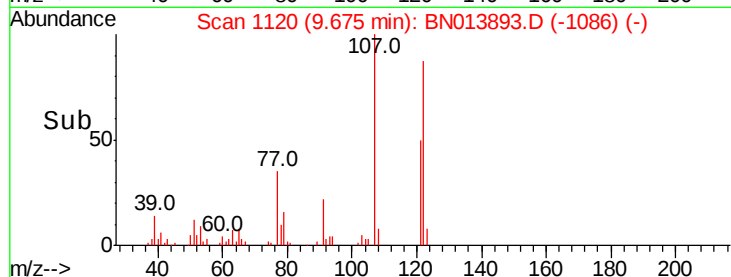
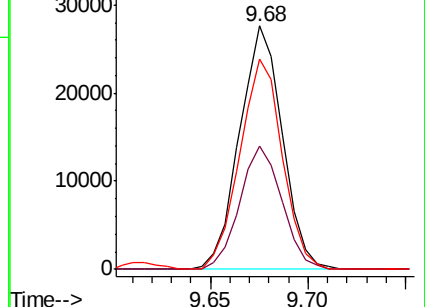
122 86.7 67.0 100.6



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: 3.861 ng/ul

RT: 9.92 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

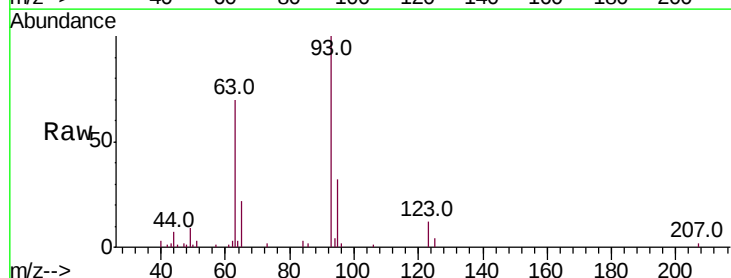
Tgt Ion: 93 Resp: 50405

Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.2

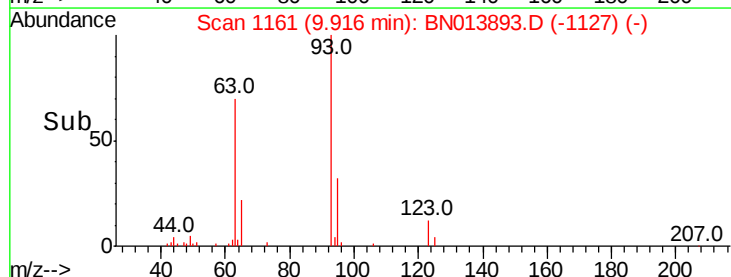
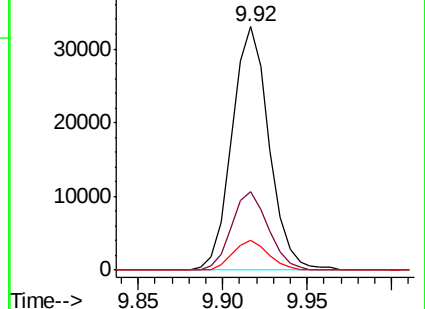
123 12.0 8.7 13.1

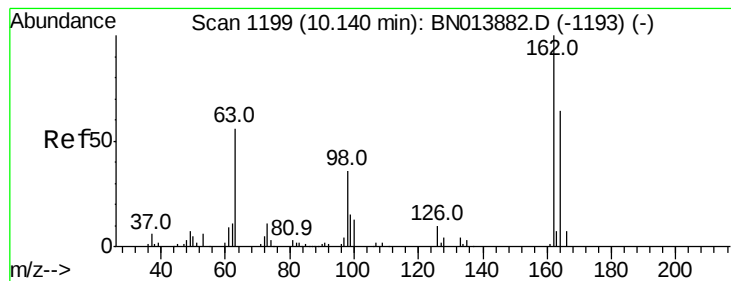


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 4.087 ng/ul

RT: 10.15 min Scan# 1200

Delta R.T. 0.01 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-04

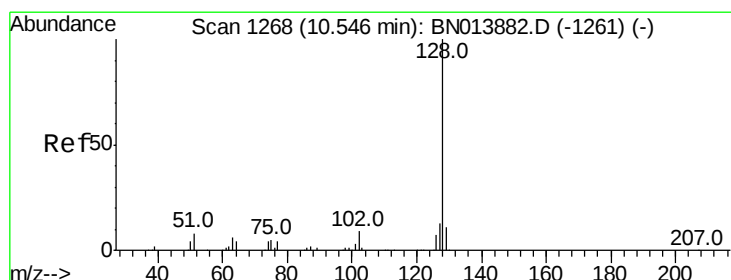
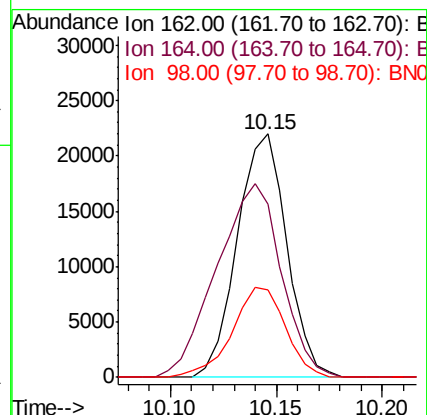
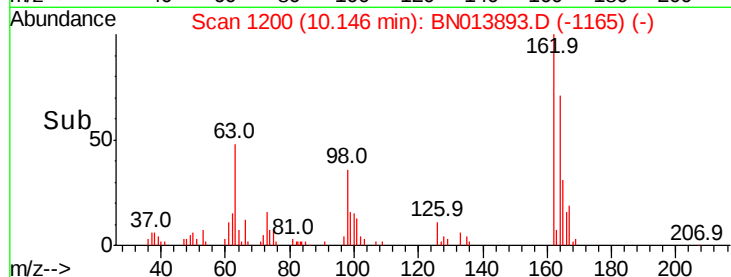
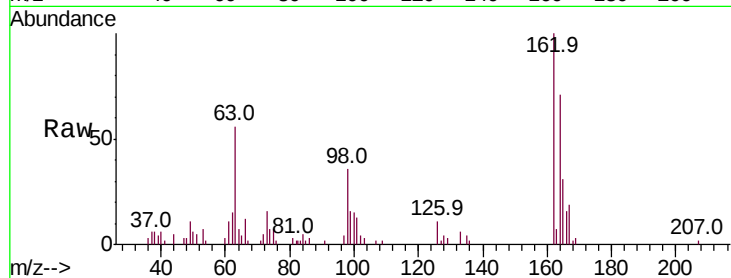
Tot Ion:162 Resp: 35777

Ion Ratio Lower Upper

162 100

164 71.3 51.0 76.6

98 36.0 28.6 43.0



#28

Naphthalene

Concen: 4.177 ng/ul

RT: 10.55 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

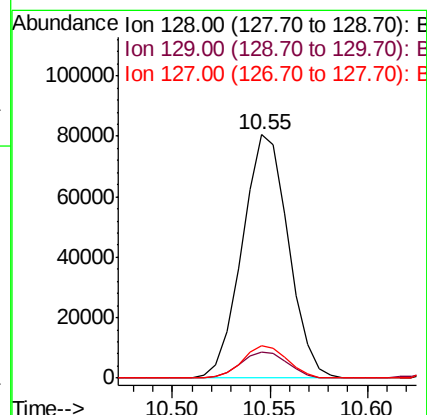
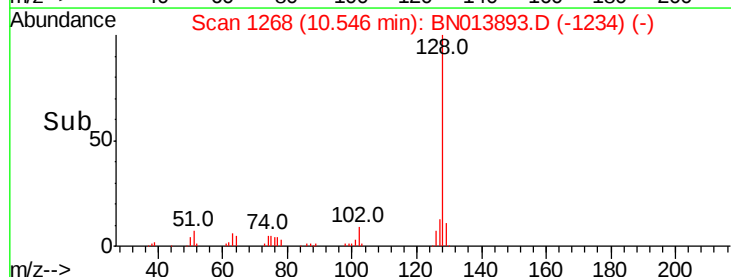
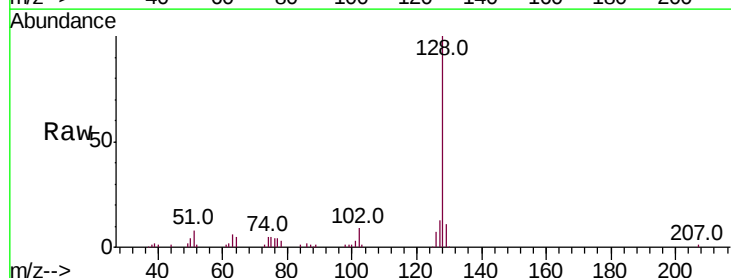
Tgt Ion:128 Resp: 131902

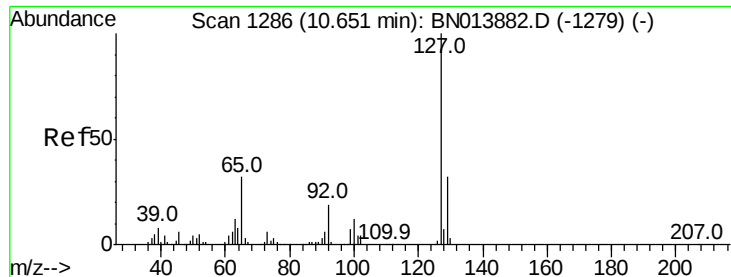
Ion Ratio Lower Upper

128 100

129 10.6 8.9 13.3

127 13.2 10.6 16.0

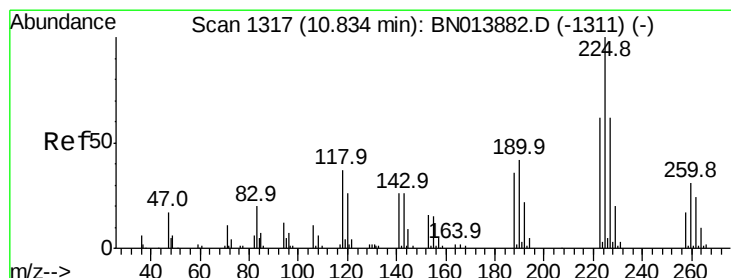
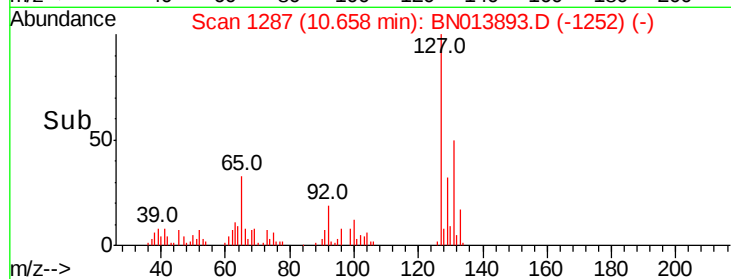
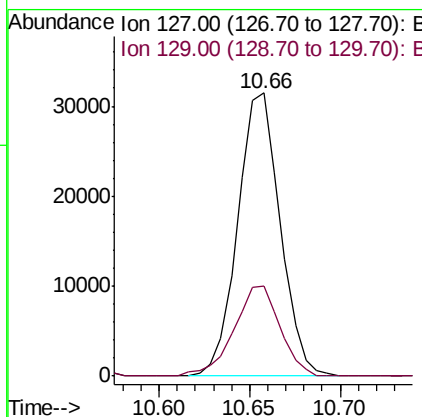
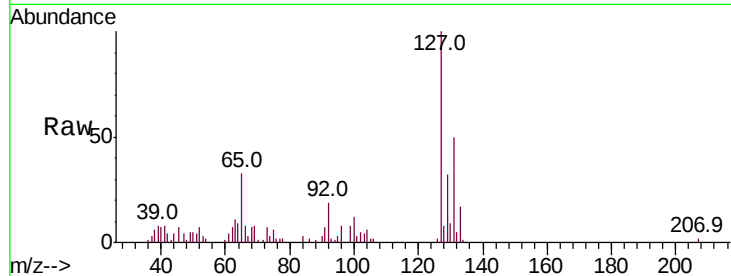




#30
4-Chloroaniline
Concen: 4.683 ng/ul
RT: 10.66 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BN013893.D
Acq: 09 Mar 2021 15:44

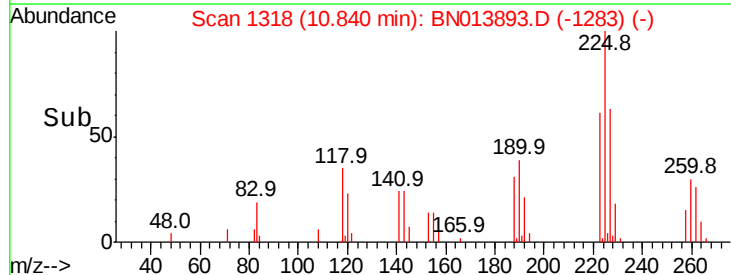
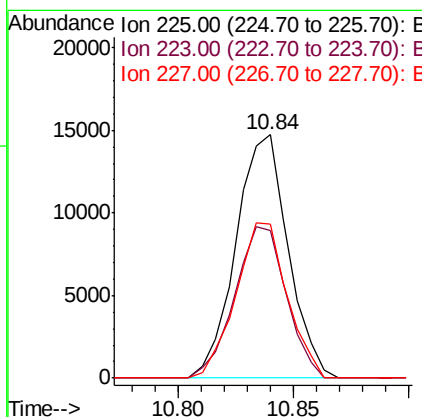
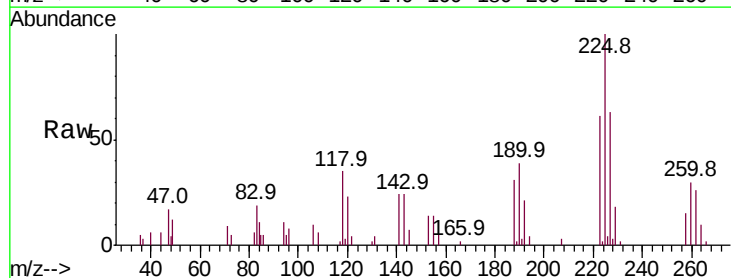
Instrument :
BNA_N
ClientSampleId :
MDL-ME-SOIL-04

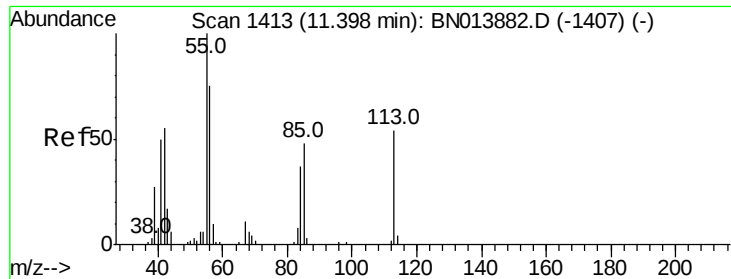
Tot Ion:127 Resp: 51243
Ion Ratio Lower Upper
127 100
129 31.6 26.4 39.6



#31
Hexachlorobutadiene
Concen: 4.162 ng/ul
RT: 10.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BN013893.D
Acq: 09 Mar 2021 15:44

Tgt Ion:225 Resp: 23202
Ion Ratio Lower Upper
225 100
223 60.8 50.6 76.0
227 63.1 51.0 76.4





#32

Caprolactam

Concen: 2.333 ng/ul

RT: 11.42 min Scan# 1417

Delta R.T. 0.02 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-04

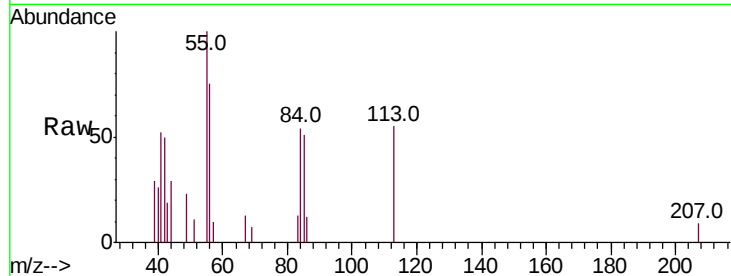
Tot Ion:113 Resp: 6180

Ion Ratio Lower Upper

113 100

55 182.6 145.6 218.4

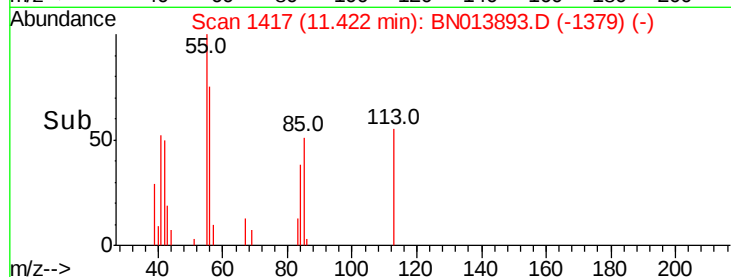
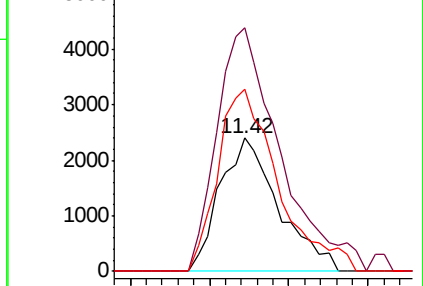
56 136.6 103.3 154.9



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: 3.324 ng/ul

RT: 11.78 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

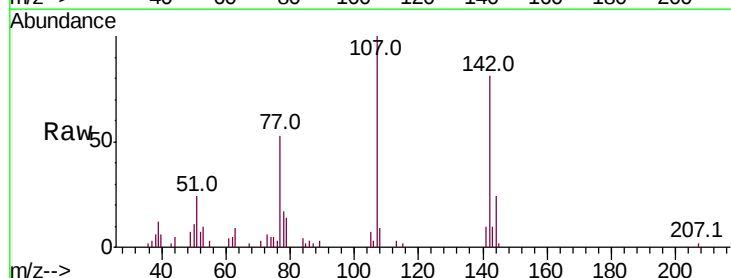
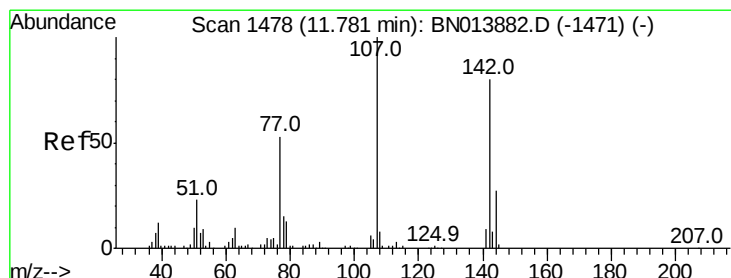
Tgt Ion:107 Resp: 29656

Ion Ratio Lower Upper

107 100

144 23.6 21.6 32.4

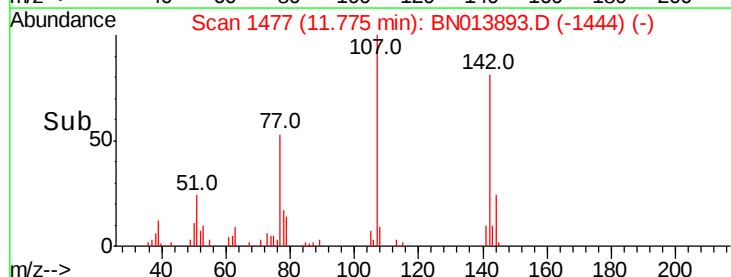
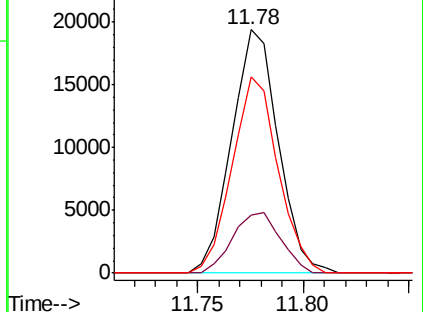
142 80.6 64.0 96.0

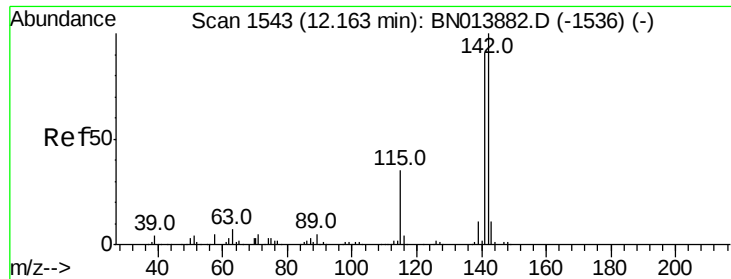


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

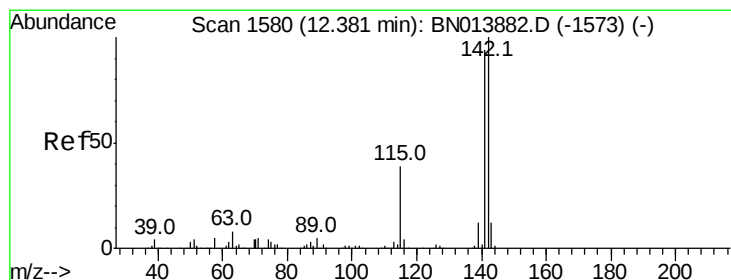
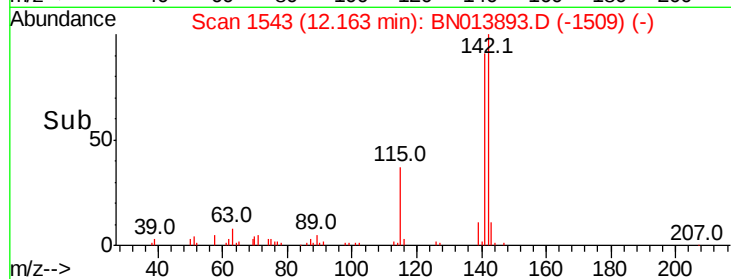
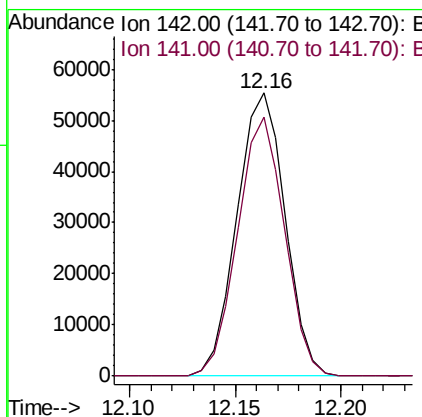
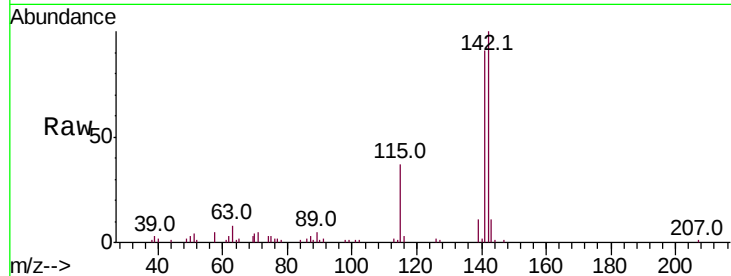




#34
 2-Methylnaphthalene
 Concen: 4.065 ng/ul
 RT: 12.16 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BN013893.D
 Acq: 09 Mar 2021 15:44

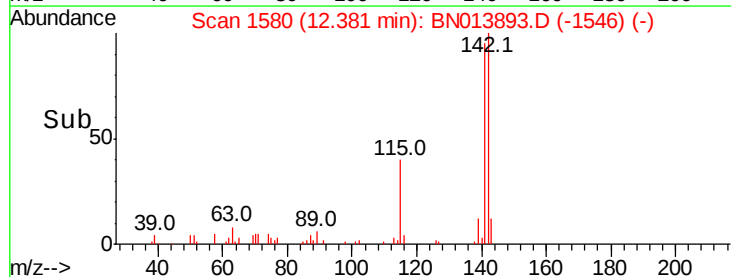
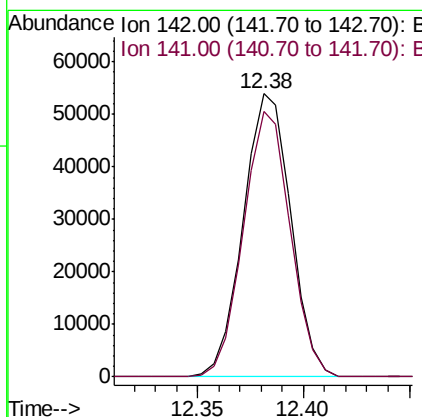
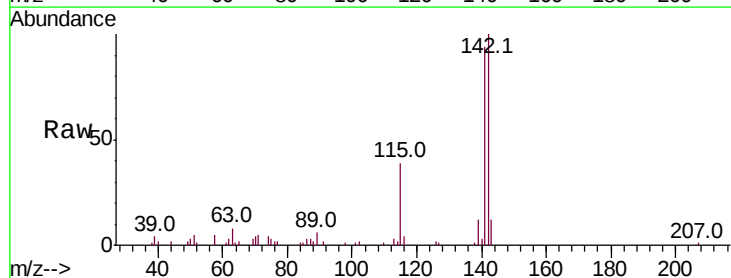
Instrument :
 BNA_N
 ClientSampleId :
 MDL-ME-SOIL-04

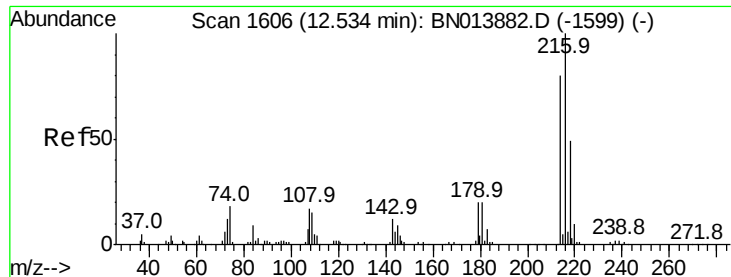
Tot Ion:142 Resp: 87700
 Ion Ratio Lower Upper
 142 100
 141 91.4 72.5 108.7



#35
 1-Methylnaphthalene
 Concen: 4.067 ng/ul
 RT: 12.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BN013893.D
 Acq: 09 Mar 2021 15:44

Tgt Ion:142 Resp: 84578
 Ion Ratio Lower Upper
 142 100
 141 93.6 74.3 111.5

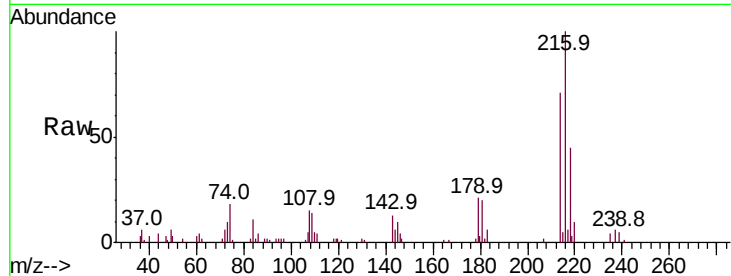




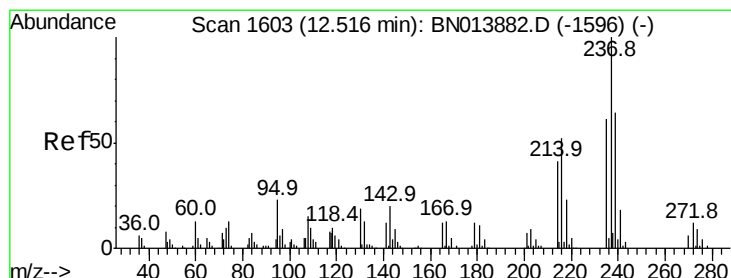
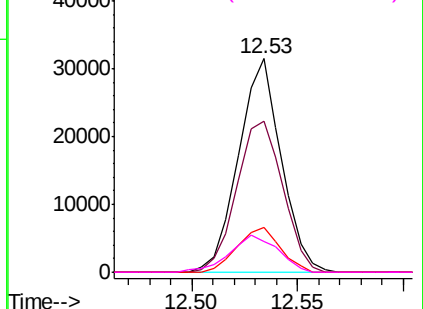
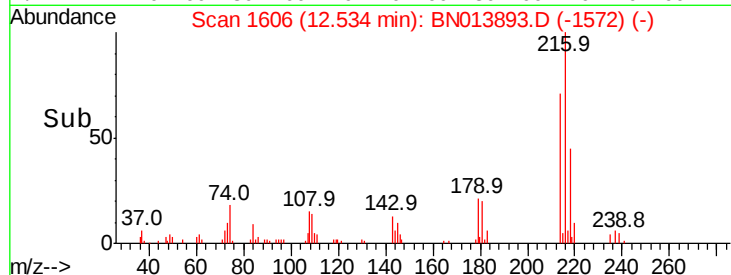
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.080 ng/ul
 RT: 12.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BN013893.D
 Acq: 09 Mar 2021 15:44

Instrument :
 BNA_N
 ClientSampleId :
 MDL-ME-SOIL-04

Tot Ion:216 Resp: 44067
 Ion Ratio Lower Upper
 216 100
 214 70.6 63.0 94.6
 179 21.0 16.4 24.6
 108 14.6 15.5 23.3#

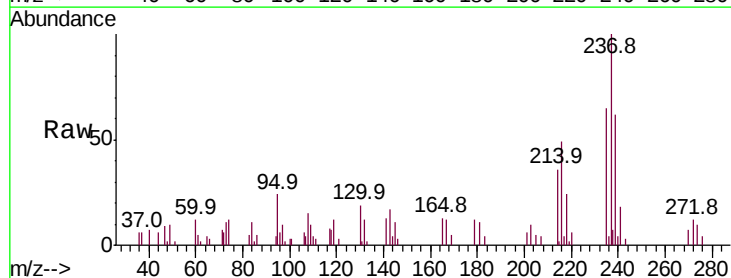


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

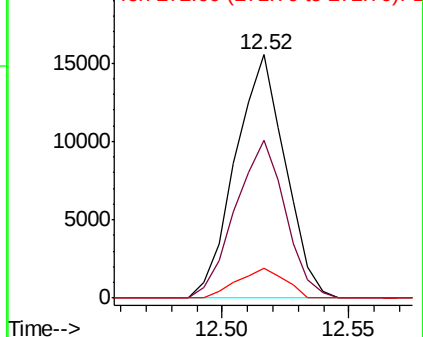
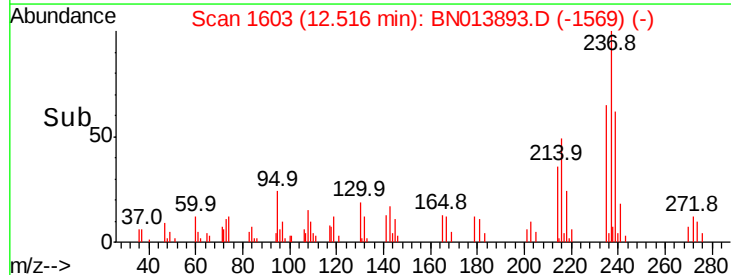


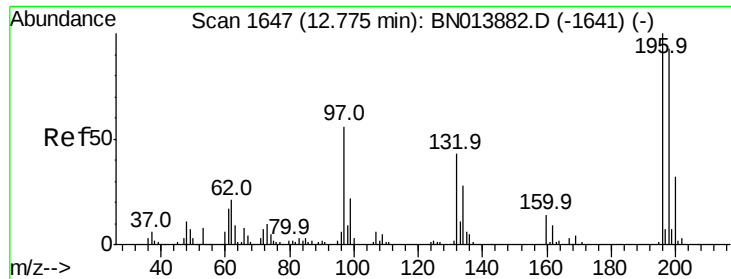
#38
 Hexachlorocyclopentadiene
 Concen: 3.319 ng/ul
 RT: 12.52 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: BN013893.D
 Acq: 09 Mar 2021 15:44

Tgt Ion:237 Resp: 21344
 Ion Ratio Lower Upper
 237 100
 235 64.7 51.4 77.0
 272 12.2 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

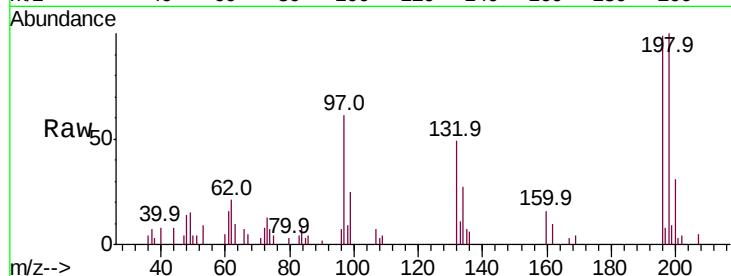




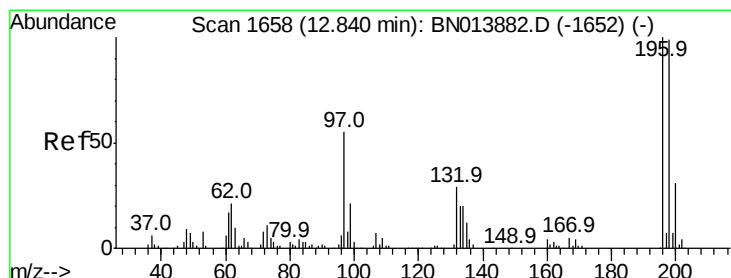
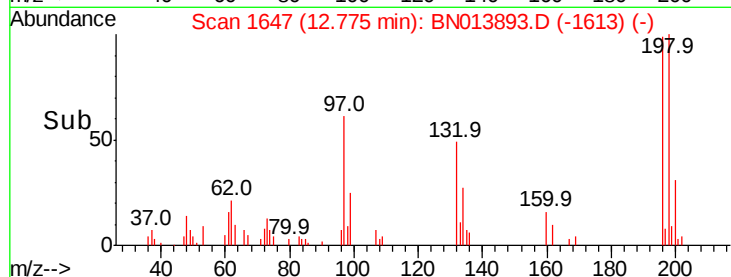
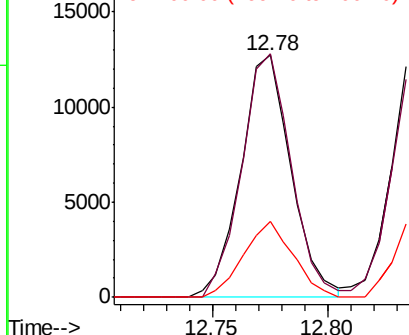
#39
 2,4,6-Trichlorophenol
 Concen: 3.099 ng/ul
 RT: 12.78 min Scan# 1647
 Delta R.T. 0.00 min
 Lab File: BN013893.D
 Acq: 09 Mar 2021 15:44

Instrument :
 BNA_N
 ClientSampleId :
 MDL-ME-SOIL-04

Tot Ion:196 Resp: 19318
 Ion Ratio Lower Upper
 196 100
 198 100.7 78.6 118.0
 200 31.3 23.7 35.5

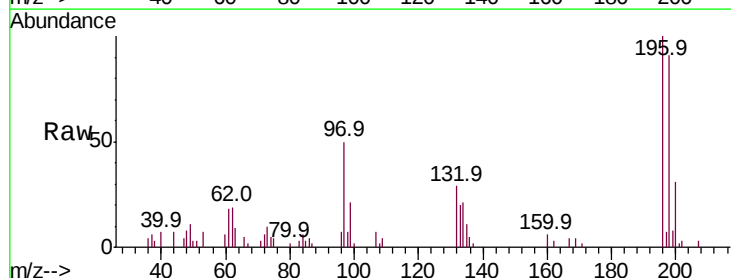


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

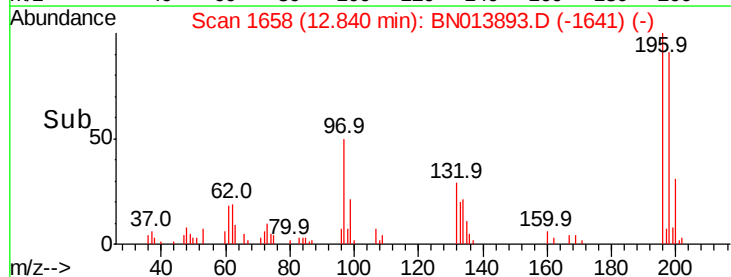
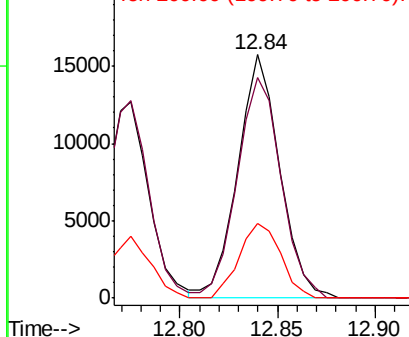


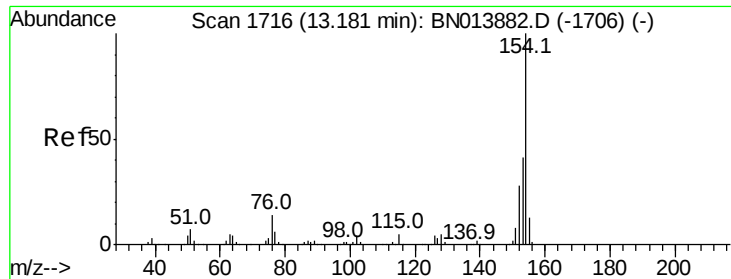
#40
 2,4,5-Trichlorophenol
 Concen: 3.437 ng/ul
 RT: 12.84 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: BN013893.D
 Acq: 09 Mar 2021 15:44

Tgt Ion:196 Resp: 23509
 Ion Ratio Lower Upper
 196 100
 198 90.8 73.3 109.9
 200 30.9 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

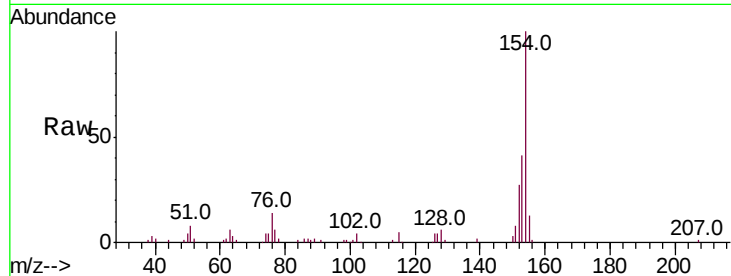




#41
 1,1'-Biphenyl
 Concen: 4.142 ng/ul
 RT: 13.18 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BN013893.D
 Acq: 09 Mar 2021 15:44

Instrument :
 BNA_N
 ClientSampleId :
 MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	31.8	47.6
76	14.0	11.0	16.6

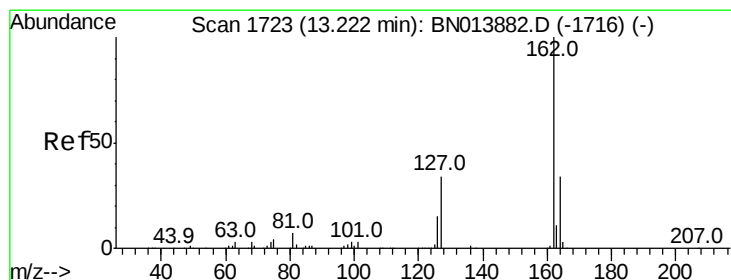
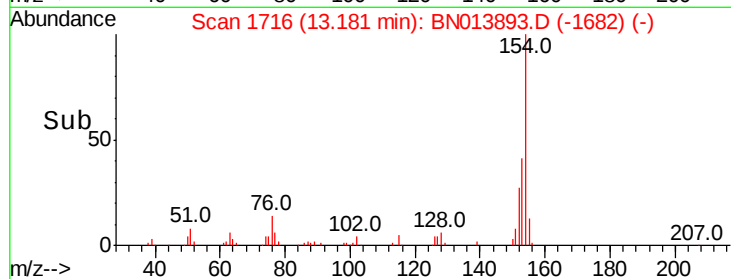
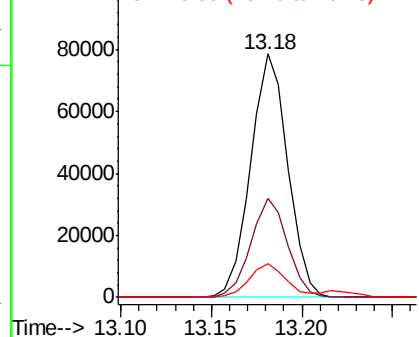


Abundance

Ion 154.00 (153.70 to 154.70): E

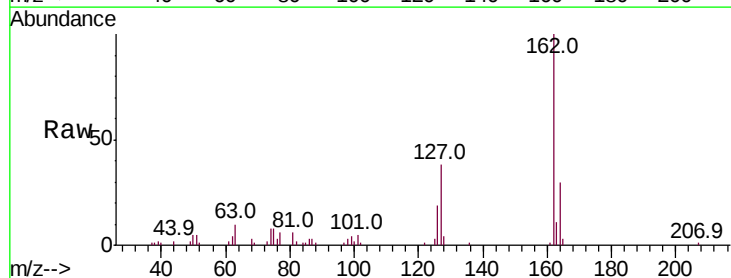
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNO



#42
 2-Chloronaphthalene
 Concen: 4.250 ng/ul
 RT: 13.22 min Scan# 1723
 Delta R.T. 0.00 min
 Lab File: BN013893.D
 Acq: 09 Mar 2021 15:44

Tgt Ion	Ratio	Lower	Upper
162	100		
164	29.7	25.3	37.9
127	37.9	30.9	46.3

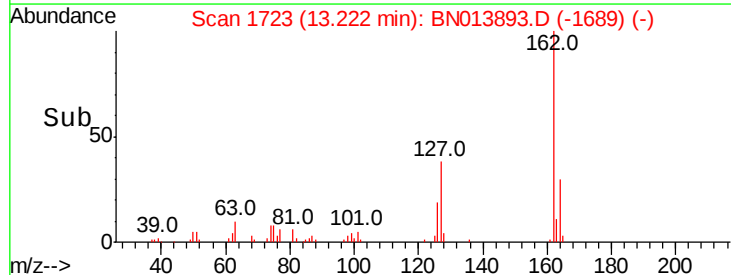
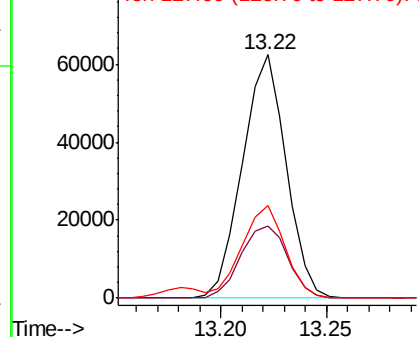


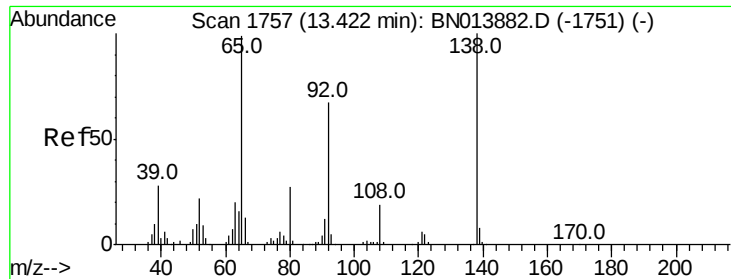
Abundance

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: 2.918 ng/ul

RT: 13.42 min Scan# 1757

Delta R.T. 0.00 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-04

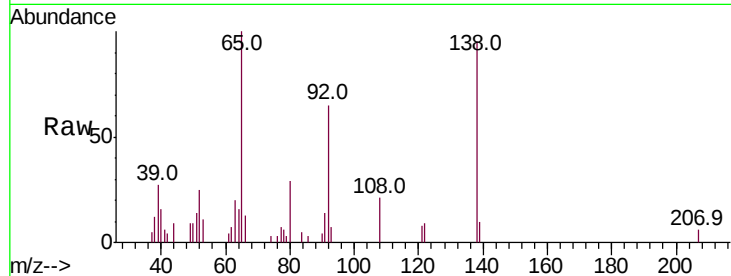
Tot Ion: 65 Resp: 15954

Ion Ratio Lower Upper

65 100

92 64.8 53.4 80.2

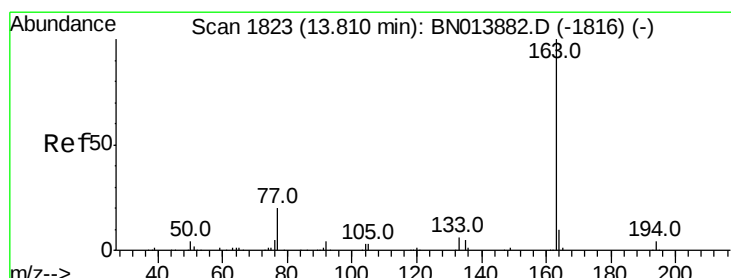
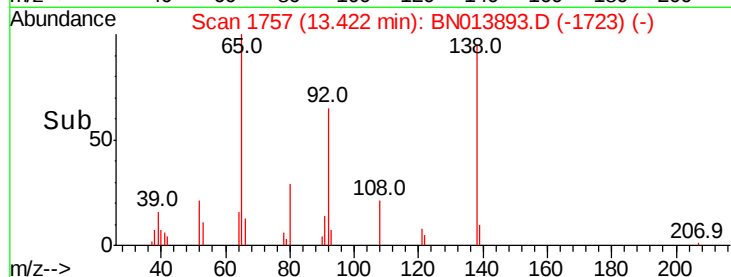
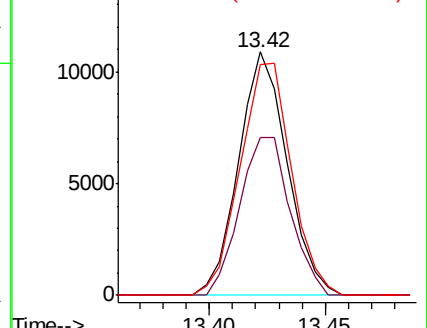
138 94.7 81.6 122.4



Abundance Ion 65.00 (64.70 to 65.70): BNA_N

Ion 92.00 (91.70 to 92.70): BNA_N

Ion 138.00 (137.70 to 138.70): BNA_N



#45

Dimethylphthalate

Concen: 4.107 ng/ul

RT: 13.81 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

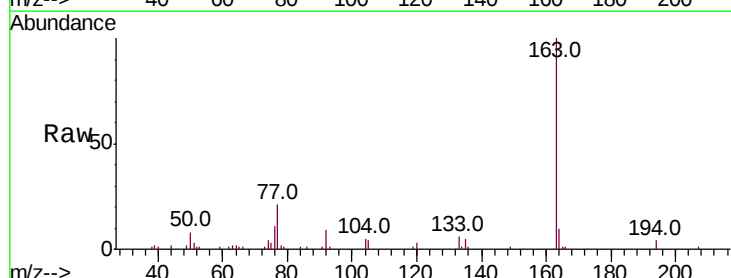
Tgt Ion: 163 Resp: 102367

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

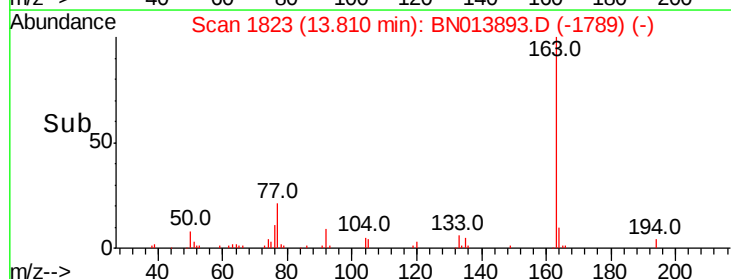
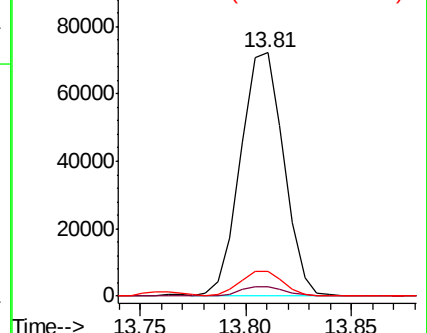
164 10.1 8.3 12.5

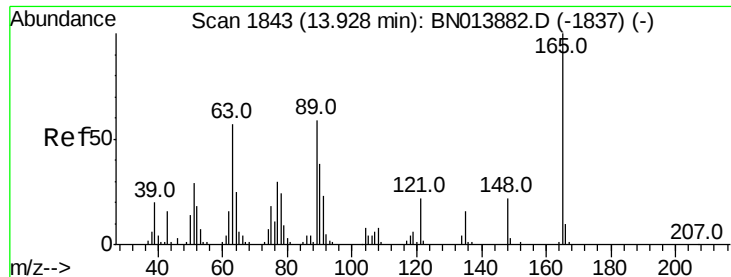


Abundance Ion 163.00 (162.70 to 163.70): BNA_N

Ion 194.00 (193.70 to 194.70): BNA_N

Ion 164.00 (163.70 to 164.70): BNA_N

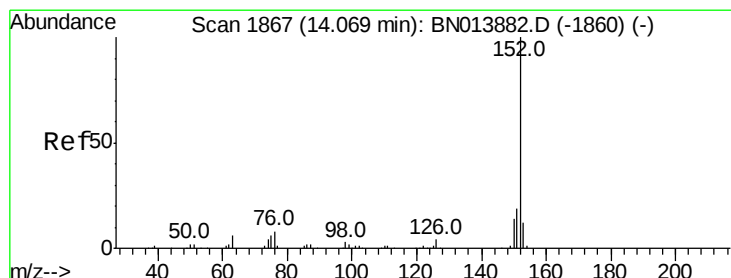
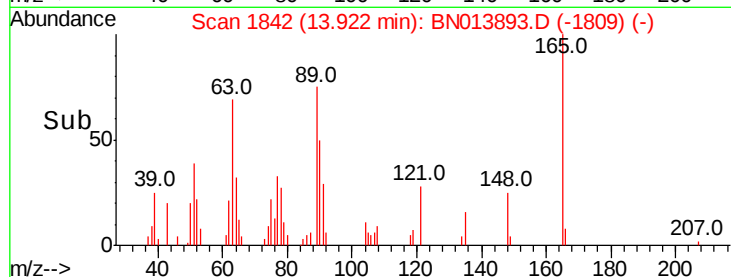
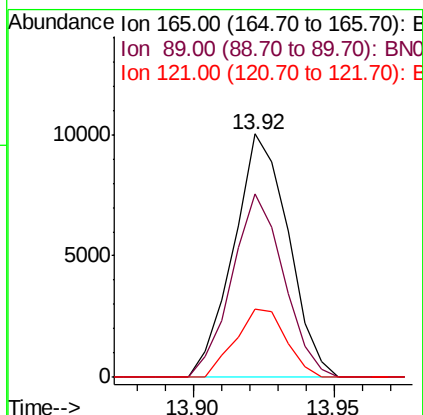
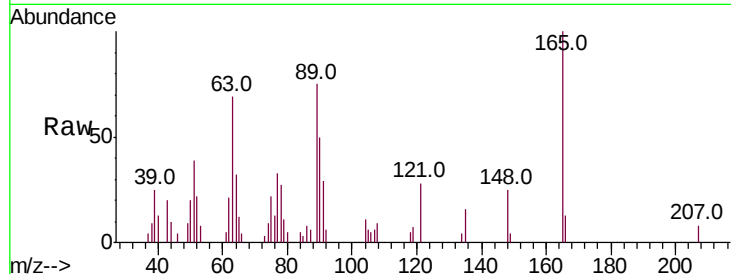




#46
2,6-Dinitrotoluene
Concen: 3.028 ng/ul
RT: 13.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BN013893.D
Acq: 09 Mar 2021 15:44

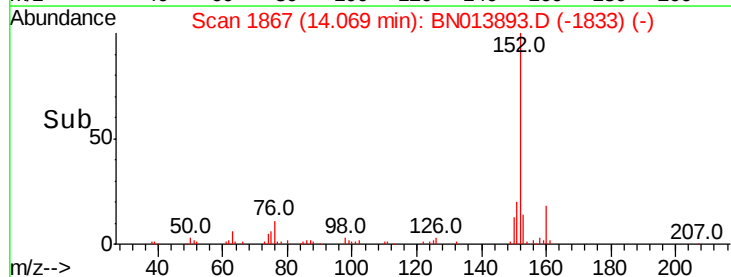
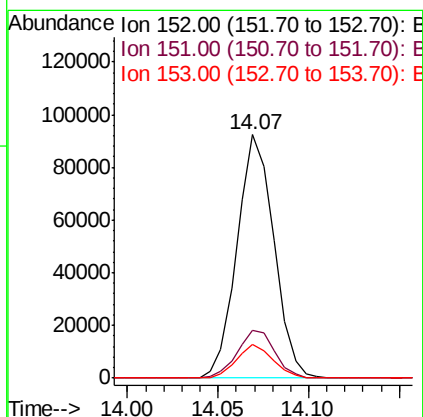
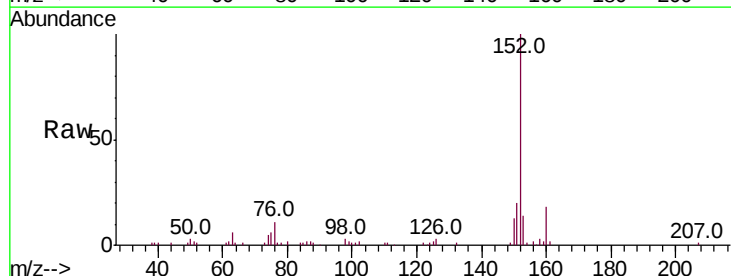
Instrument :
BNA_N
ClientSampleId :
MDL-ME-SOIL-04

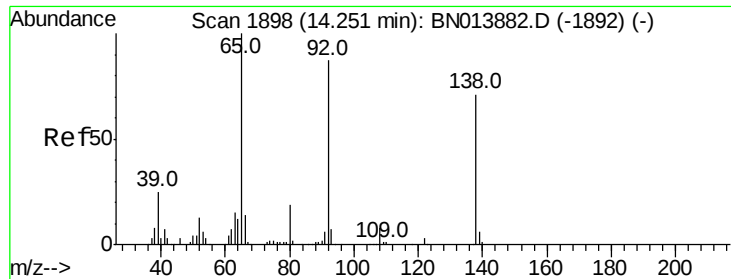
Tot Ion:165 Resp: 13527
Ion Ratio Lower Upper
165 100
89 75.5 51.8 77.8
121 28.3 18.6 28.0#



#48
Acenaphthylene
Concen: 4.243 ng/ul
RT: 14.07 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BN013893.D
Acq: 09 Mar 2021 15:44

Tgt Ion:152 Resp: 131064
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.8 10.5 15.7





#49

3-Nitroaniline

Concen: 3.198 ng/ul

RT: 14.25 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-04

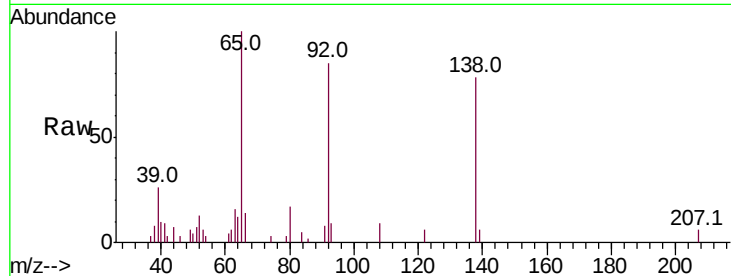
Tot Ion:138 Resp: 15536

Ion Ratio Lower Upper

138 100

108 11.3 8.6 12.8

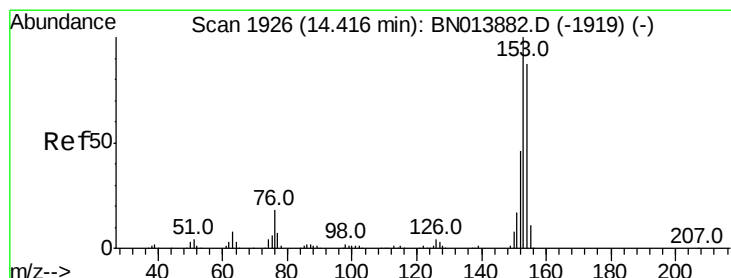
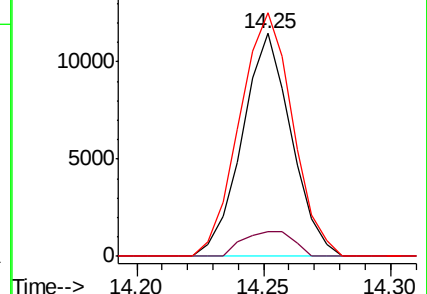
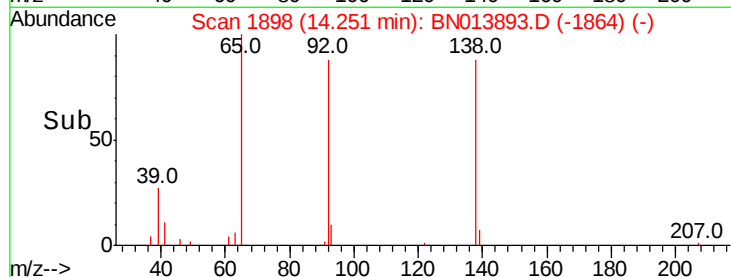
92 109.1 93.0 139.4



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: 4.139 ng/ul

RT: 14.42 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

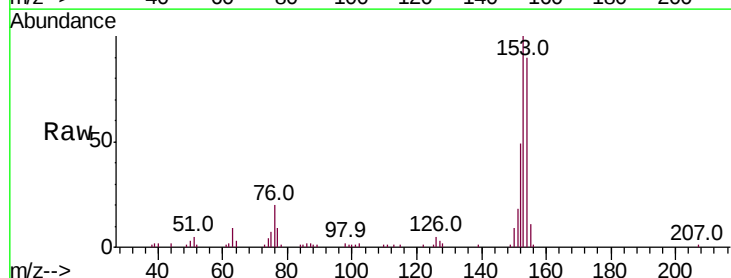
Tgt Ion:153 Resp: 93273

Ion Ratio Lower Upper

153 100

152 48.6 37.4 56.0

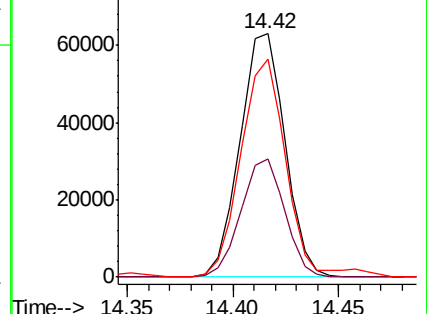
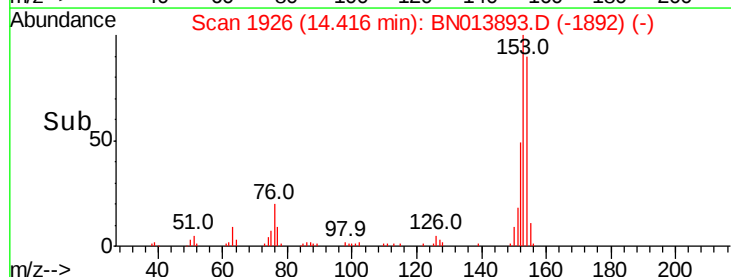
154 89.7 68.4 102.6

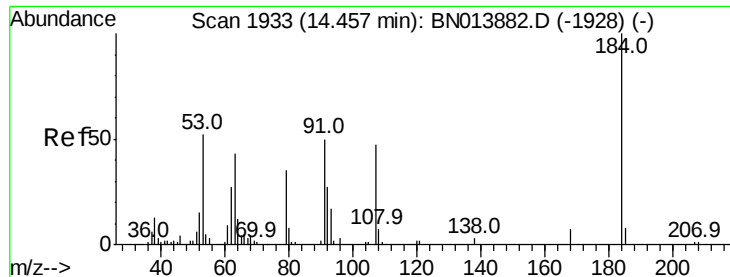


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

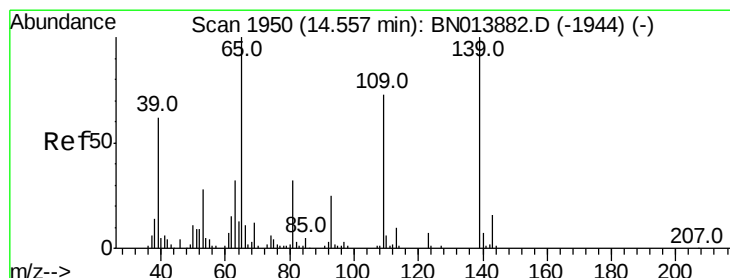
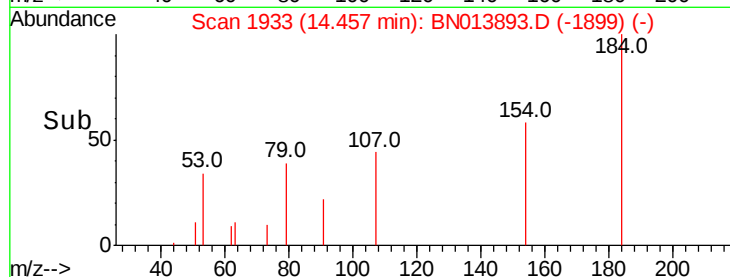
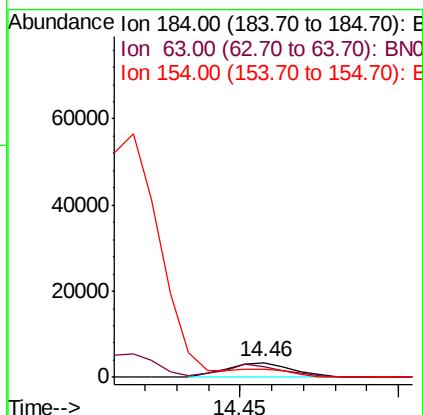
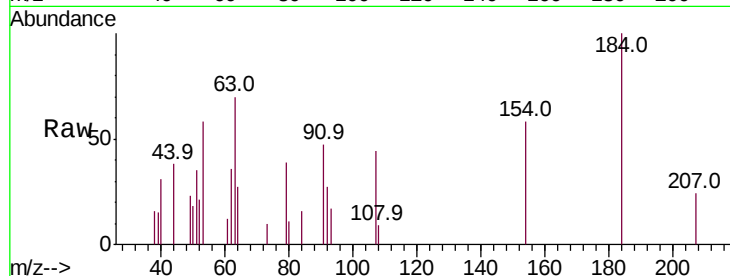




#51
 2,4-Dinitrophenol
 Concen: 2.034 ng/ul
 RT: 14.46 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: BN013893.D
 Acq: 09 Mar 2021 15:44

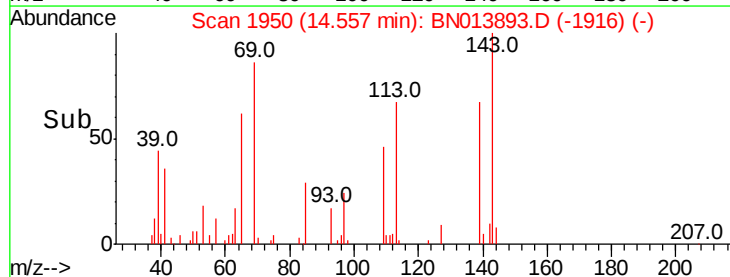
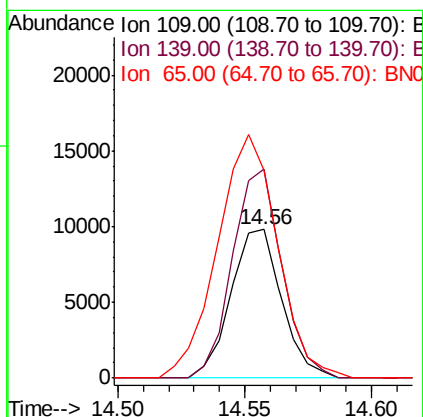
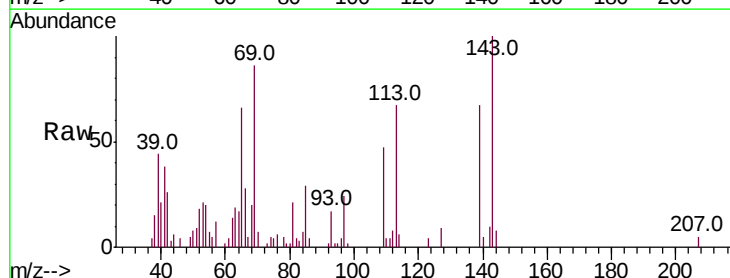
Instrument :
 BNA_N
 ClientSampleId :
 MDL-ME-SOIL-04

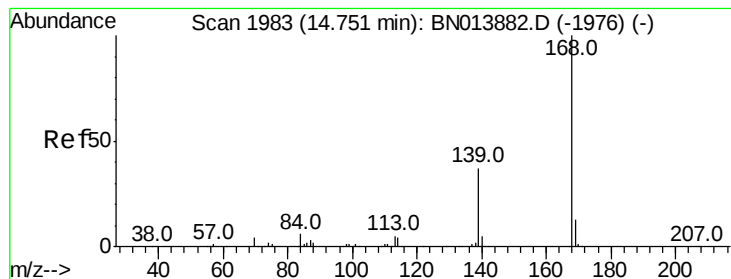
Tot Ion:184 Resp: 4782
 Ion Ratio Lower Upper
 184 100
 63 69.5 58.4 87.6
 154 58.5 49.4 74.2



#53
 4-Nitrophenol
 Concen: 3.763 ng/ul
 RT: 14.56 min Scan# 1950
 Delta R.T. 0.00 min
 Lab File: BN013893.D
 Acq: 09 Mar 2021 15:44

Tgt Ion:109 Resp: 13697
 Ion Ratio Lower Upper
 109 100
 139 140.3 104.1 156.1
 65 139.5 108.2 162.4





#54

Dibenzenofuran

Concen: 4.202 ng/ul

RT: 14.75 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

Instrument :

BNA_N

ClientSampleId :

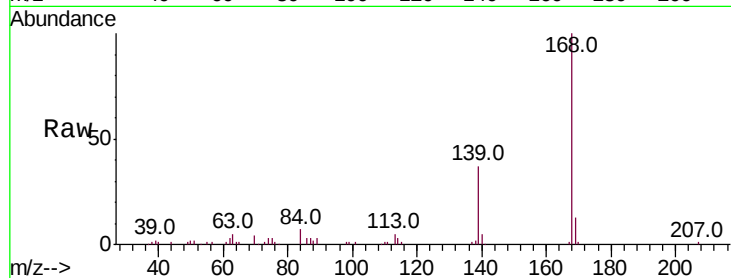
MDL-ME-SOIL-04

Tot Ion:168 Resp: 130536

Ion Ratio Lower Upper

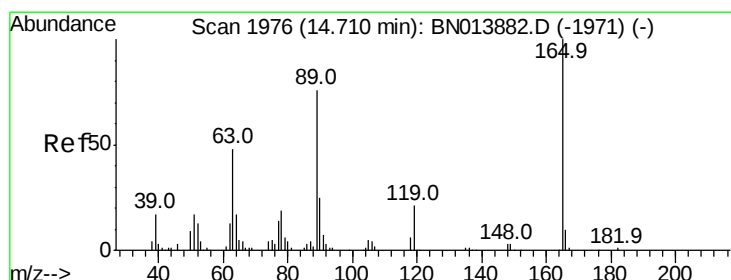
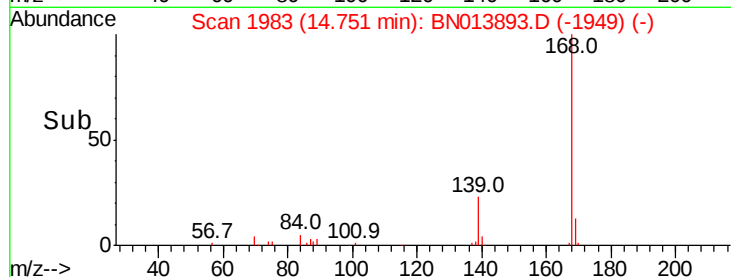
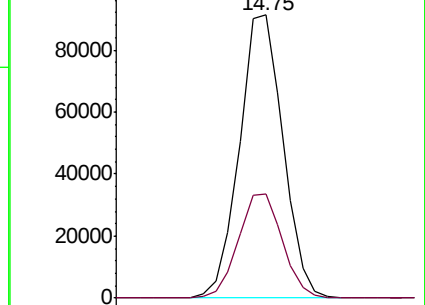
168 100

139 36.9 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: 3.378 ng/ul

RT: 14.71 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

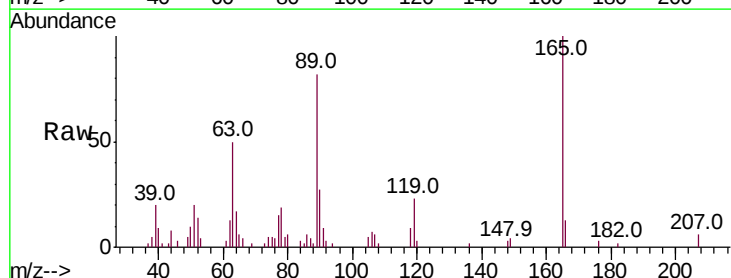
Tgt Ion:165 Resp: 21556

Ion Ratio Lower Upper

165 100

63 50.5 40.2 60.2

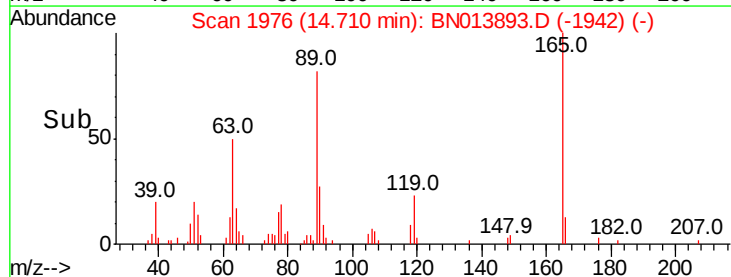
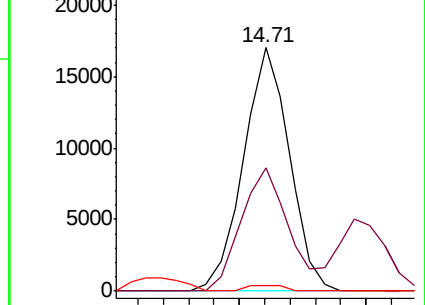
182 2.5 2.2 3.4

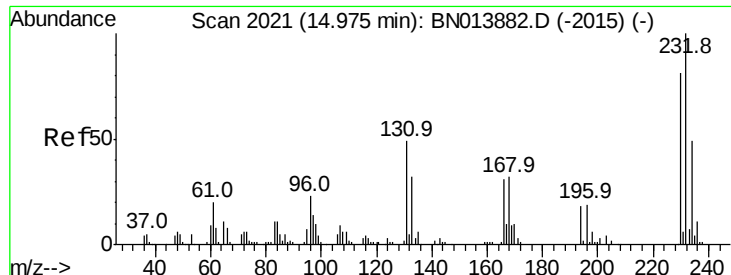


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 182.00 (181.70 to 182.70): E

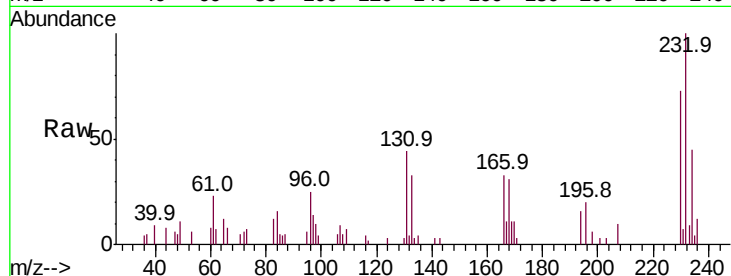




#56
 2,3,4,6-Tetrachlorophenol
 Concen: 3.325 ng/ul
 RT: 14.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BN013893.D
 Acq: 09 Mar 2021 15:44

Instrument :
 BNA_N
 ClientSampleId :
 MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.0	37.4	56.2
130	3.0	1.9	2.9
166	33.4	24.7	37.1



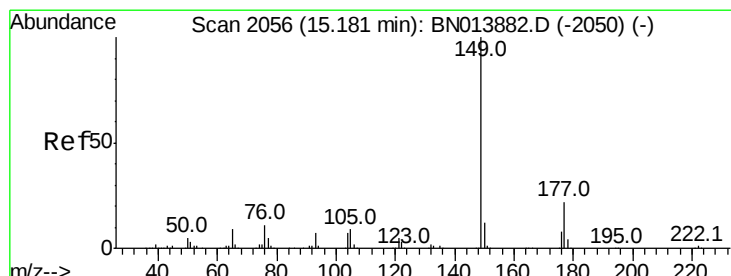
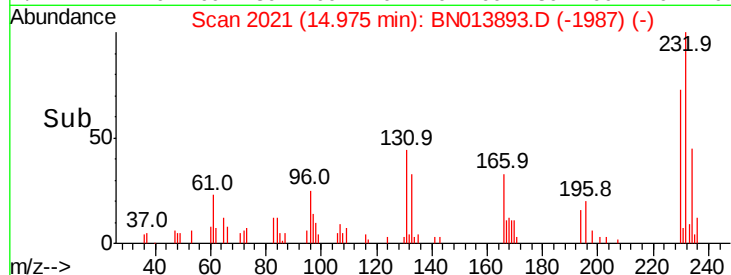
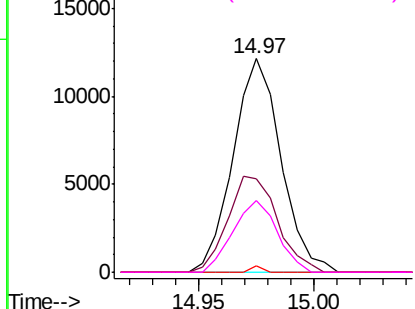
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

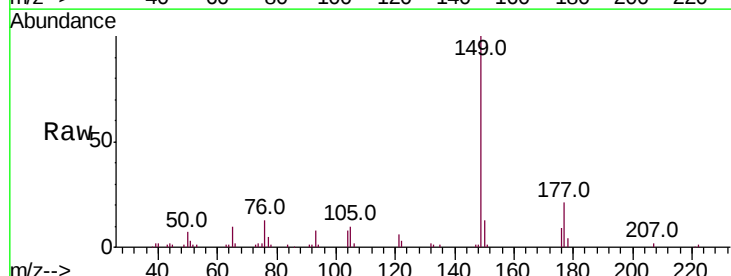
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#57
 Diethylphthalate
 Concen: 3.668 ng/ul
 RT: 15.17 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BN013893.D
 Acq: 09 Mar 2021 15:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.7	26.5
150	13.0	9.6	14.4

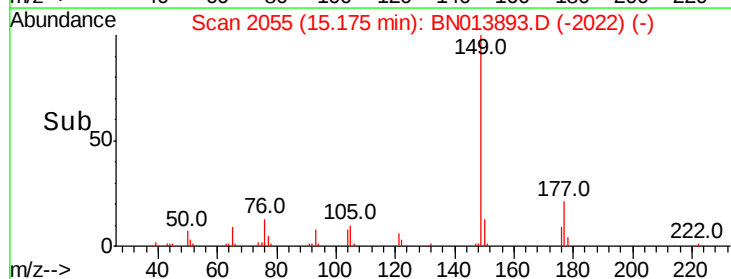
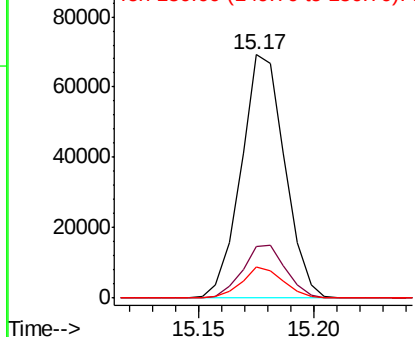


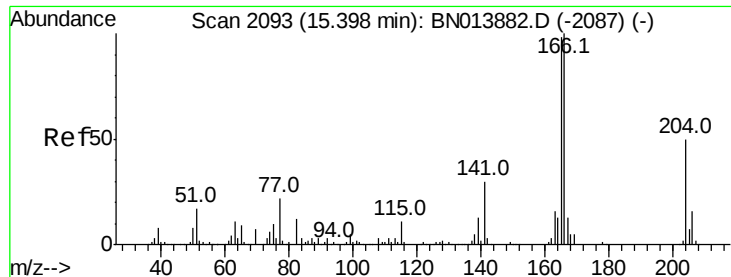
Abundance

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: 4.207 ng/ul

RT: 15.40 min Scan# 2093

Delta R.T. 0.00 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-04

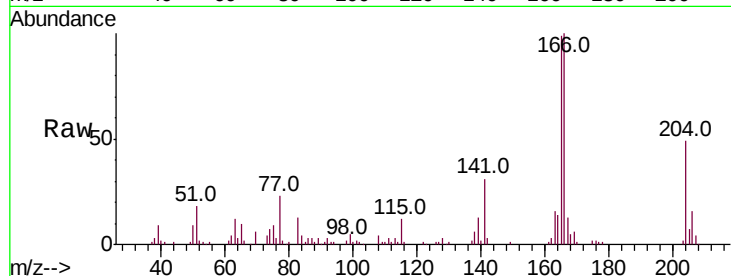
Tot Ion:166 Resp: 106333

Ion Ratio Lower Upper

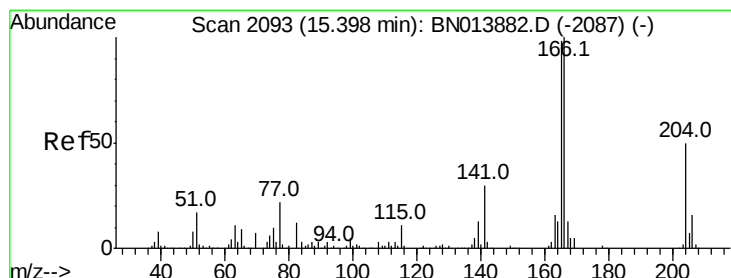
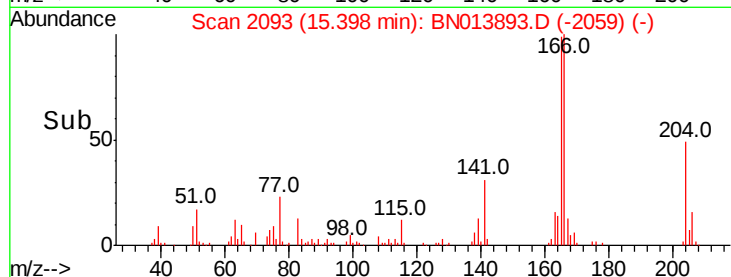
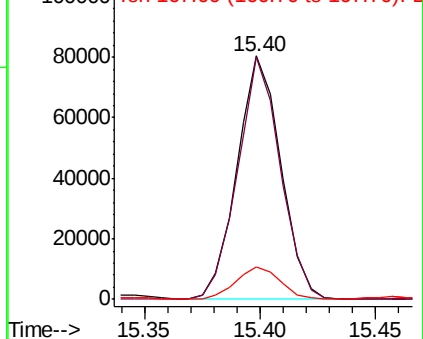
166 100

165 99.5 79.5 119.3

167 13.4 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: 4.208 ng/ul

RT: 15.40 min Scan# 2093

Delta R.T. 0.00 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

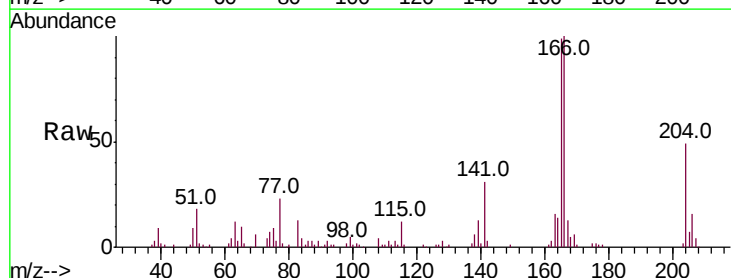
Tgt Ion:204 Resp: 51032

Ion Ratio Lower Upper

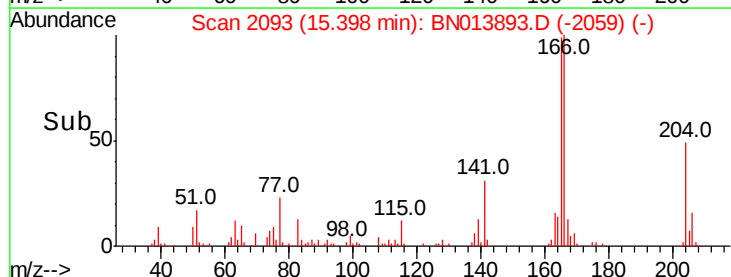
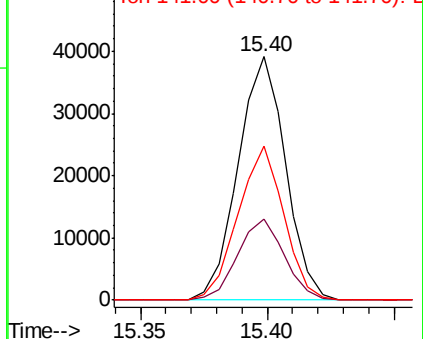
204 100

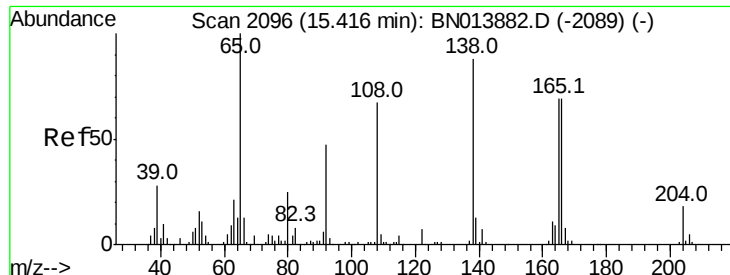
206 33.2 24.6 37.0

141 63.0 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

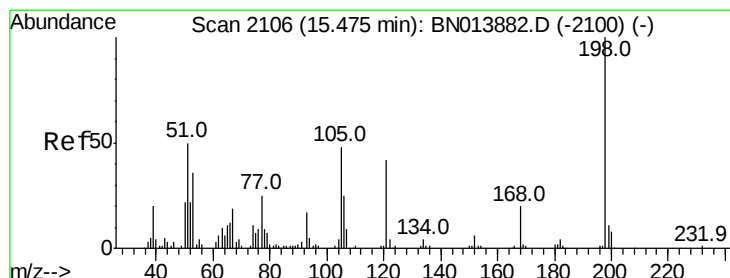
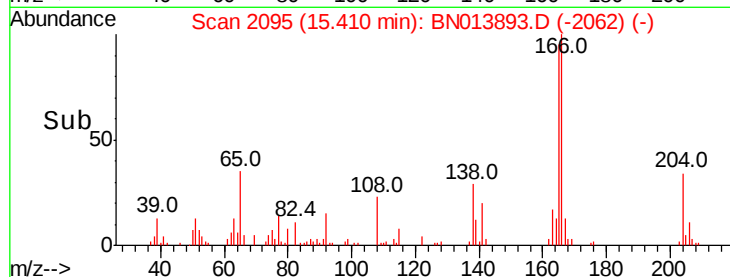
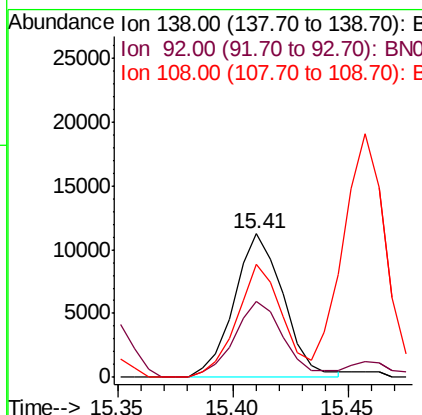
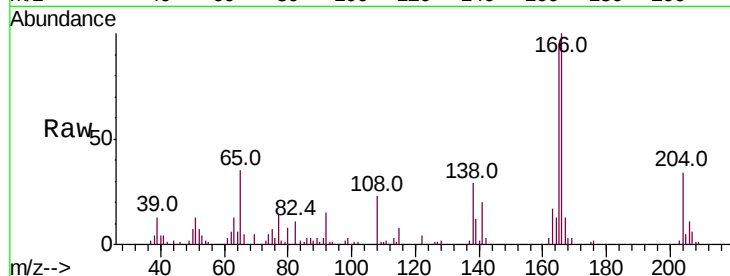




#61
4-Nitroaniline
Concen: 3.012 ng/ul
RT: 15.41 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BN013893.D
Acq: 09 Mar 2021 15:44

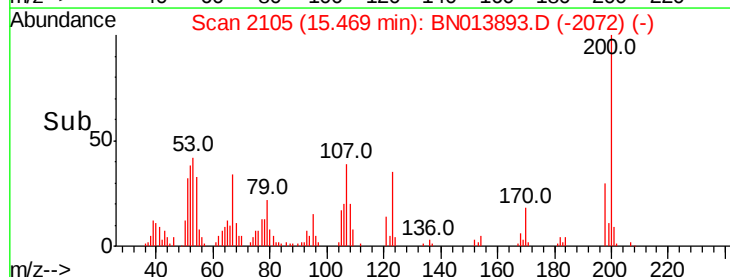
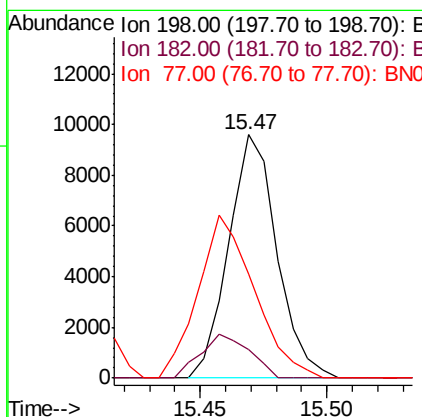
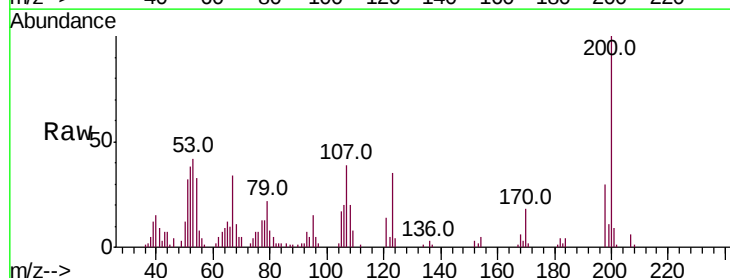
Instrument :
BNA_N
ClientSampleId :
MDL-ME-SOIL-04

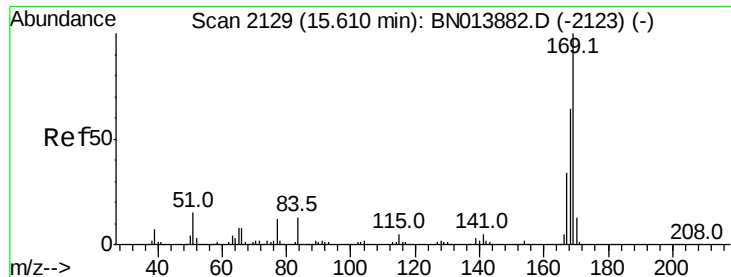
Tot Ion:138 Resp: 16761
Ion Ratio Lower Upper
138 100
92 53.0 38.6 57.8
108 79.3 59.8 89.8



#64
4,6-Dinitro-2-methylphenol
Concen: 3.521 ng/ul
RT: 15.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BN013893.D
Acq: 09 Mar 2021 15:44

Tgt Ion:198 Resp: 12710
Ion Ratio Lower Upper
198 100
182 11.7 3.5 5.3#
77 43.0 22.2 33.4#





#65

N-Nitrosodiphenylamine

Concen: 3.931 ng/ul

RT: 15.61 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-04

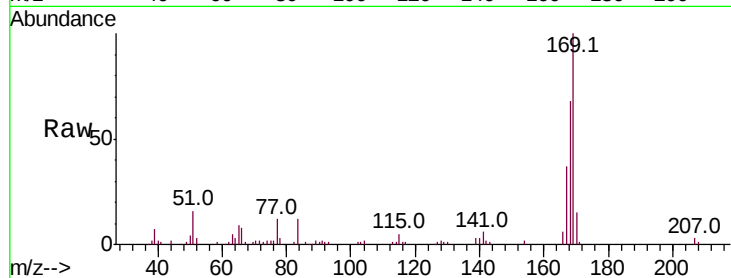
Tot Ion:169 Resp: 83465

Ion Ratio Lower Upper

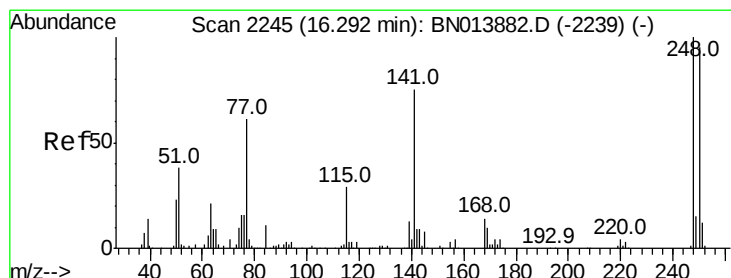
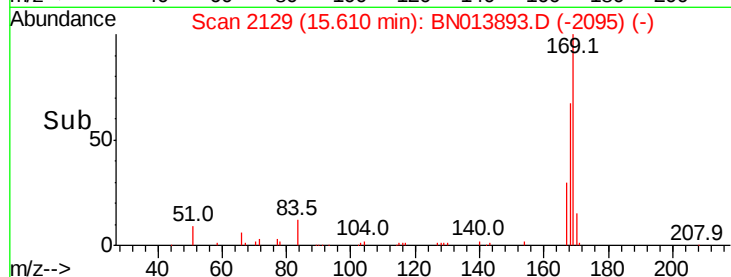
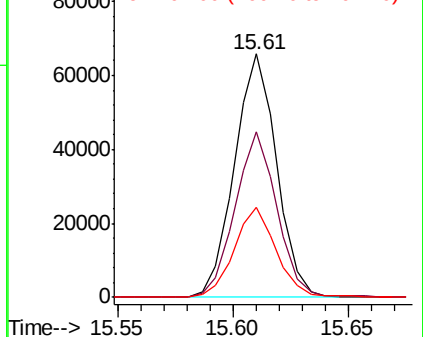
169 100

168 68.0 54.7 82.1

167 37.0 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: 3.982 ng/ul

RT: 16.29 min Scan# 2245

Delta R.T. 0.00 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

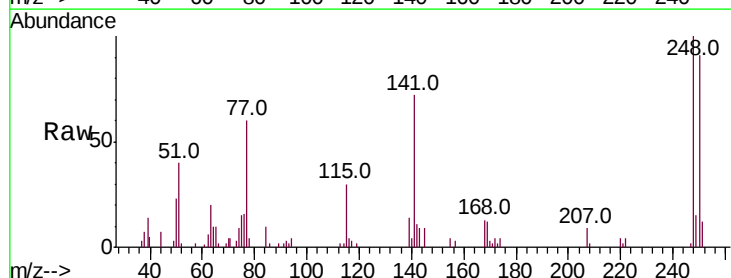
Tgt Ion:248 Resp: 28121

Ion Ratio Lower Upper

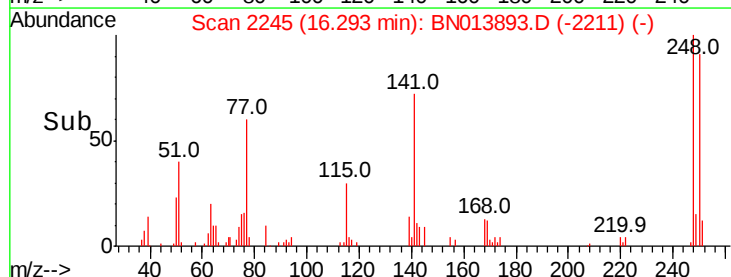
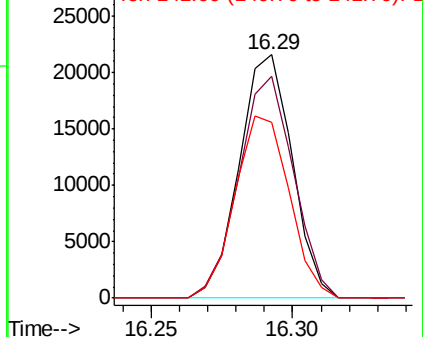
248 100

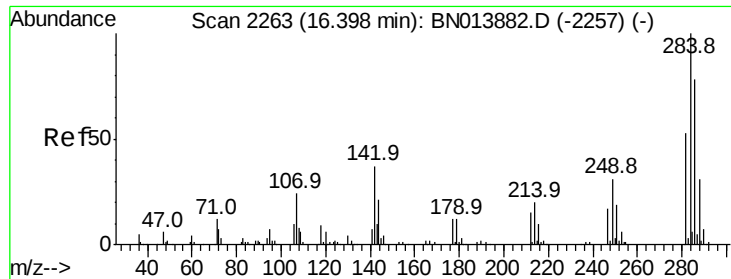
250 90.9 76.6 115.0

141 72.4 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

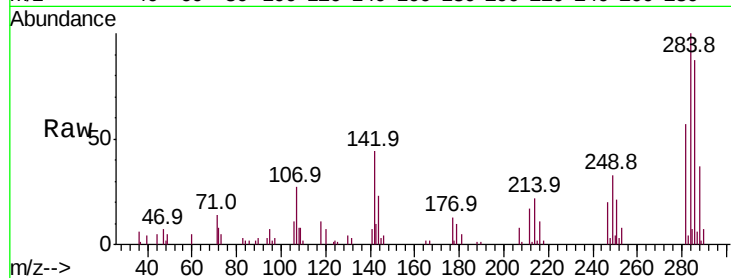




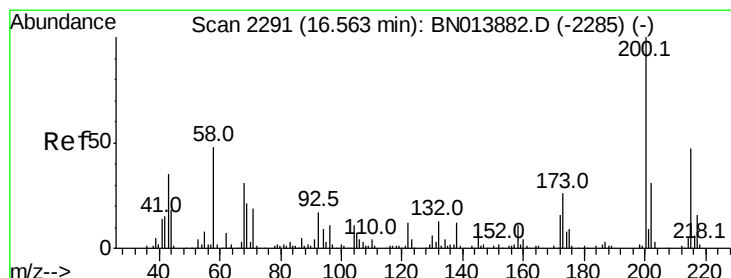
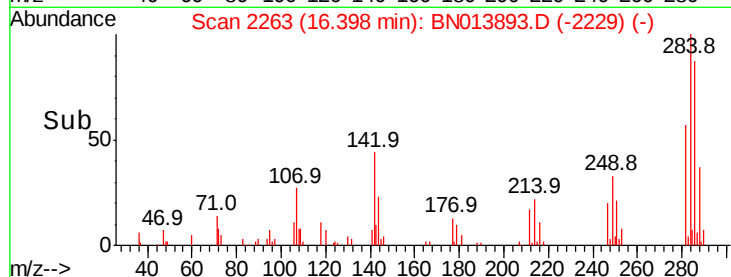
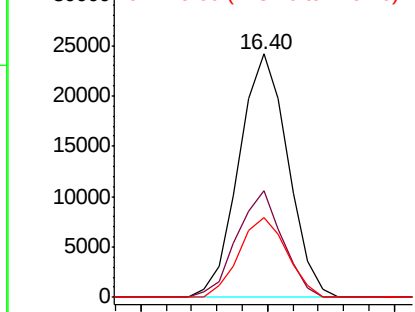
#67
Hexachlorobenzene
Concen: 3.864 ng/ul
RT: 16.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BN013893.D
Acq: 09 Mar 2021 15:44

Instrument :
BNA_N
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion:284 Resp: 32597
Ion Ratio Lower Upper
284 100
142 44.0 29.2 43.8#
249 32.6 23.5 35.3

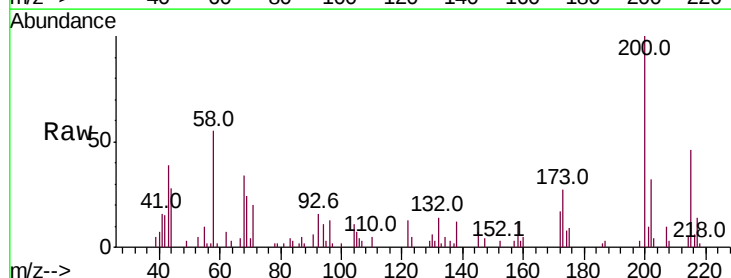


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

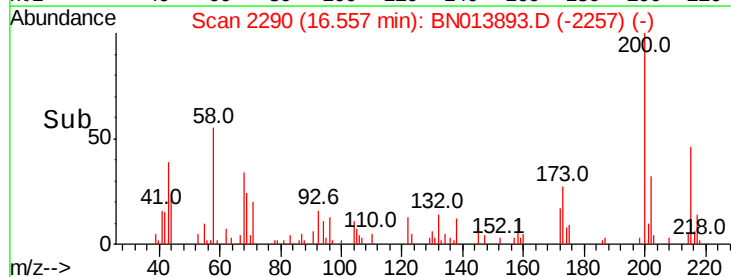
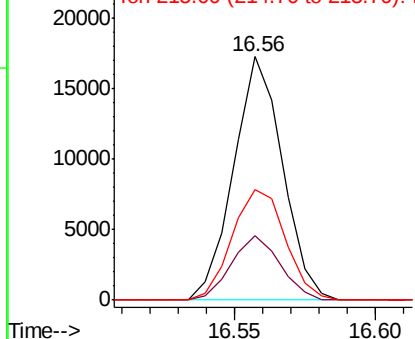


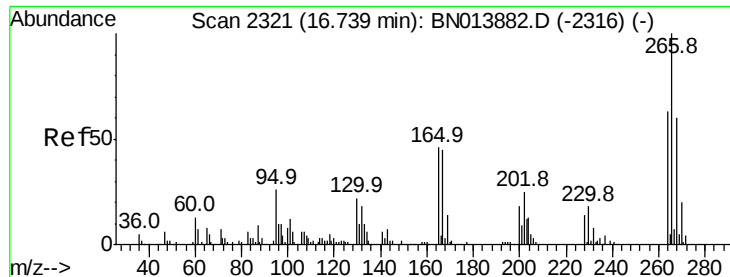
#68
Atrazine
Concen: 2.824 ng/ul
RT: 16.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BN013893.D
Acq: 09 Mar 2021 15:44

Tgt Ion:200 Resp: 20723
Ion Ratio Lower Upper
200 100
173 26.7 21.2 31.8
215 45.6 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

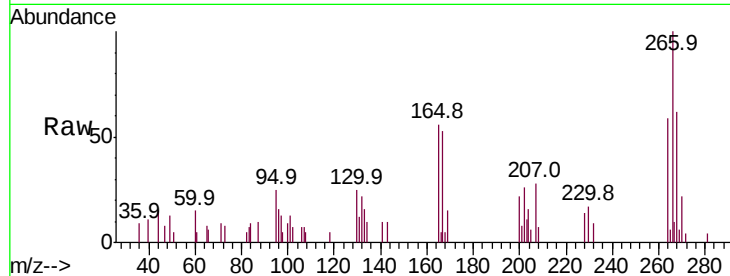




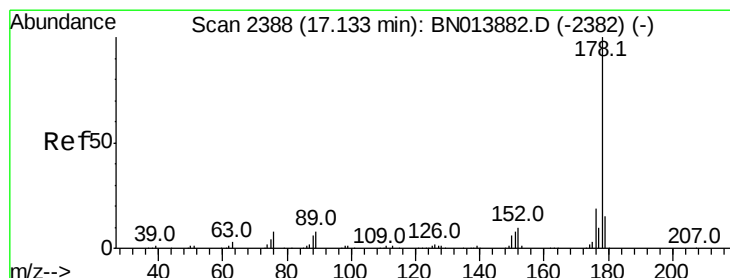
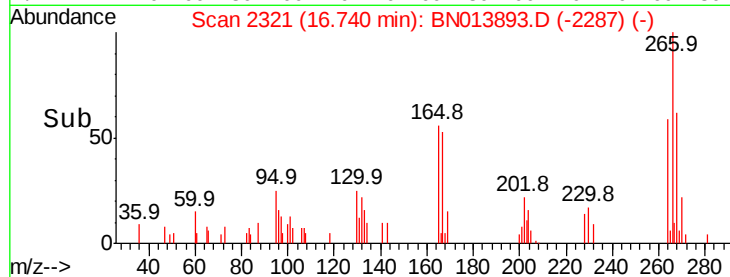
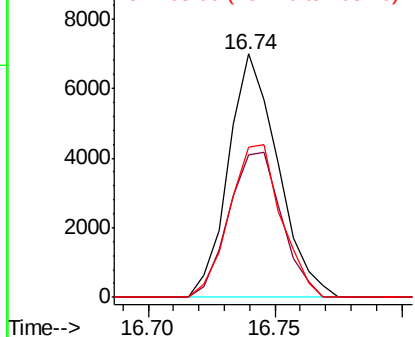
#69
 Pentachlorophenol
 Concen: 2.133 ng/ul
 RT: 16.74 min Scan# 2321
 Delta R.T. 0.00 min
 Lab File: BN013893.D
 Acq: 09 Mar 2021 15:44

Instrument :
 BNA_N
 ClientSampleId :
 MDL-ME-SOIL-04

Tot Ion:266 Resp: 9481
 Ion Ratio Lower Upper
 266 100
 264 58.7 50.2 75.4
 268 61.5 49.6 74.4

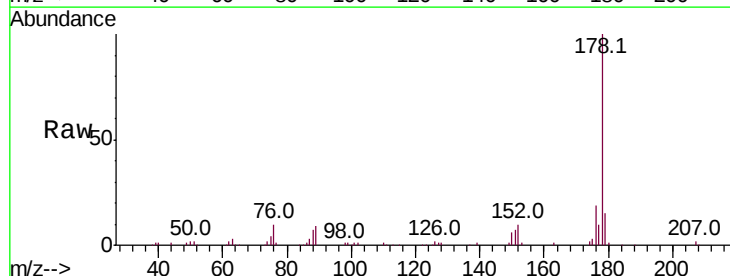


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

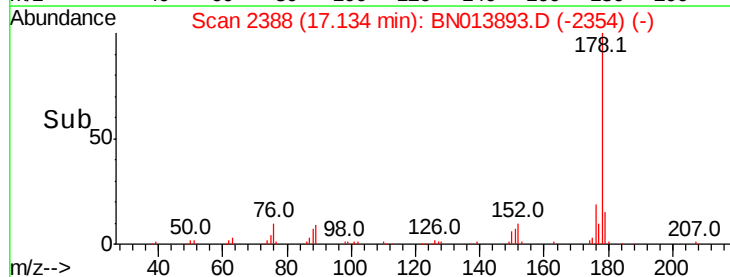
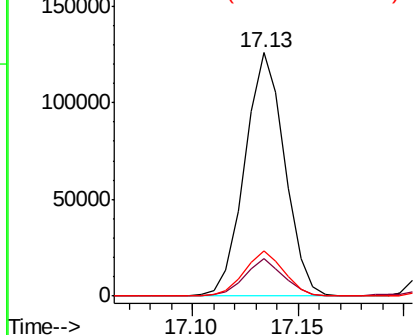


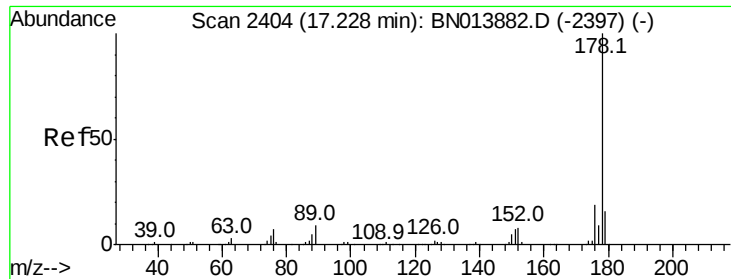
#70
 Phenanthrene
 Concen: 4.148 ng/ul
 RT: 17.13 min Scan# 2388
 Delta R.T. 0.00 min
 Lab File: BN013893.D
 Acq: 09 Mar 2021 15:44

Tgt Ion:178 Resp: 165716
 Ion Ratio Lower Upper
 178 100
 179 15.2 12.9 19.3
 176 18.6 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: 4.202 ng/uL

RT: 17.23 min Scan# 2404

Delta R.T. 0.00 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-04

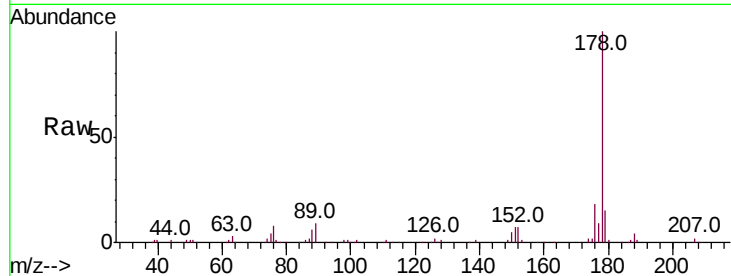
Tot Ion:178 Resp: 170623

Ion Ratio Lower Upper

178 100

179 14.5 11.9 17.9

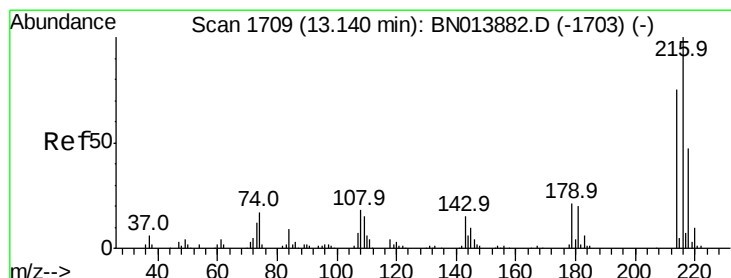
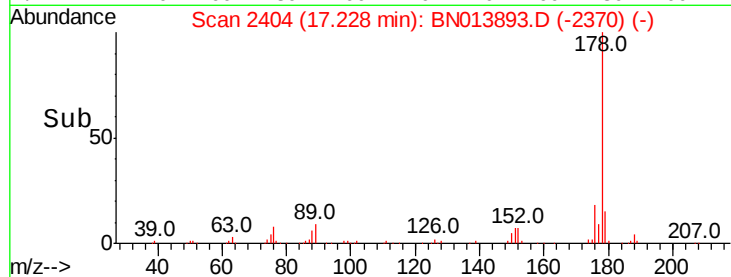
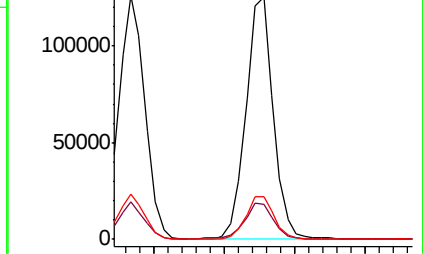
176 17.7 14.3 21.5



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: 4.098 ng/uL

RT: 13.15 min Scan# 1710

Delta R.T. 0.01 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

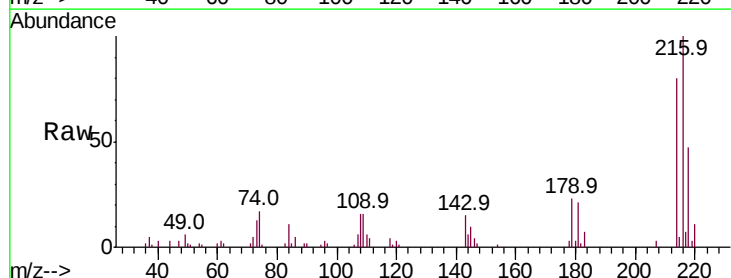
Tgt Ion:216 Resp: 44249

Ion Ratio Lower Upper

216 100

214 80.4 60.1 90.1

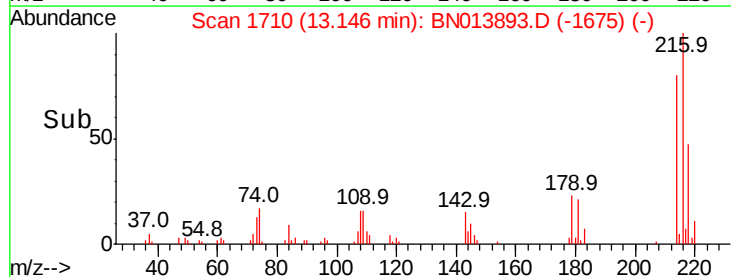
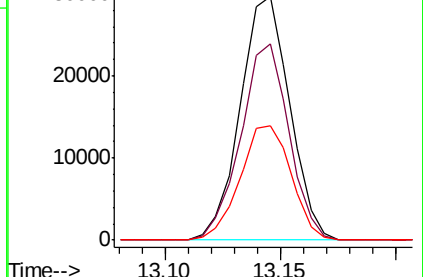
218 47.2 37.9 56.9

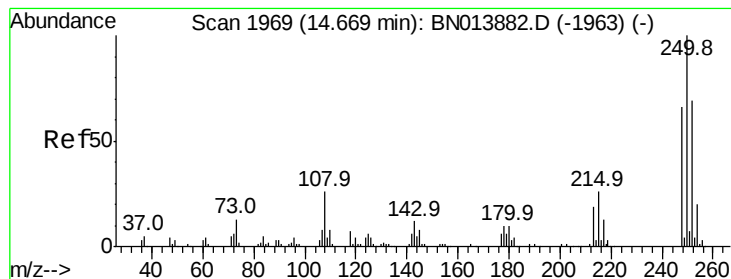


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 3.947 ng/uL

RT: 14.67 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-04

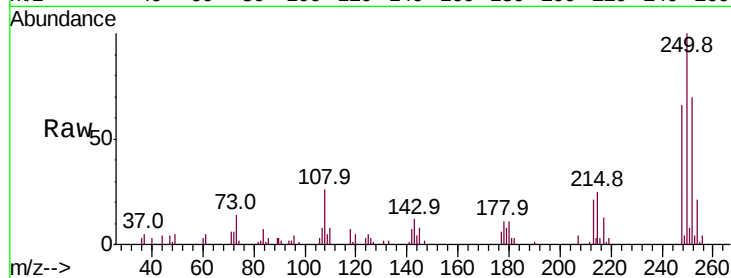
Tot Ion:250 Resp: 40143

Ion Ratio Lower Upper

250 100

248 65.6 48.3 72.5

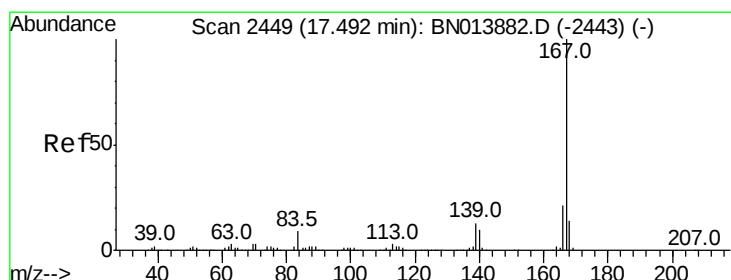
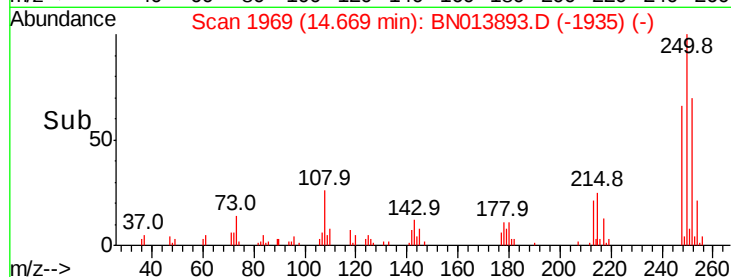
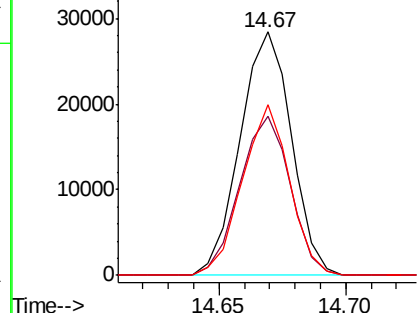
252 70.2 50.0 75.0



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: 3.621 ng/uL

RT: 17.49 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

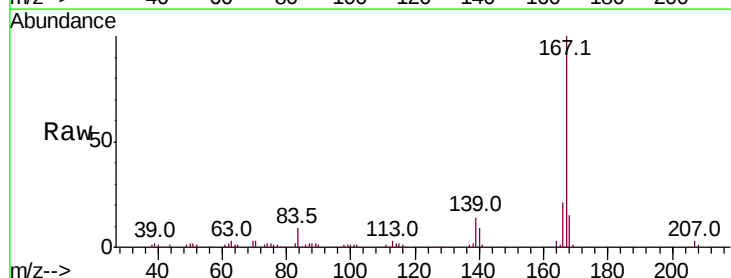
Tgt Ion:167 Resp: 131186

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.6

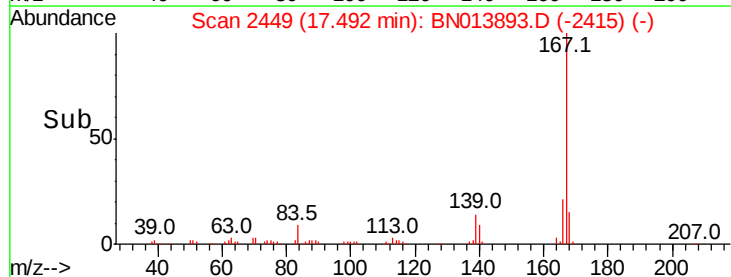
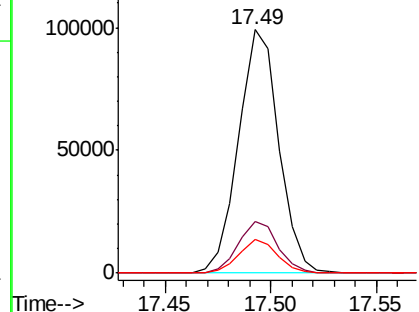
139 13.6 10.3 15.5

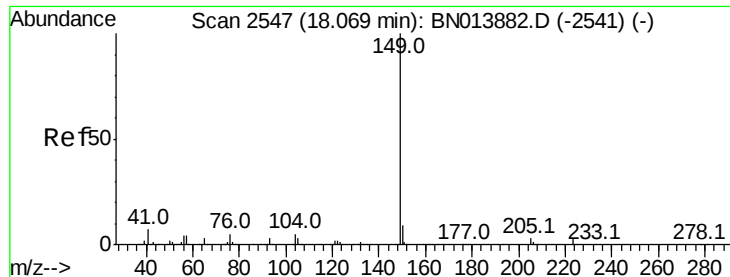


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

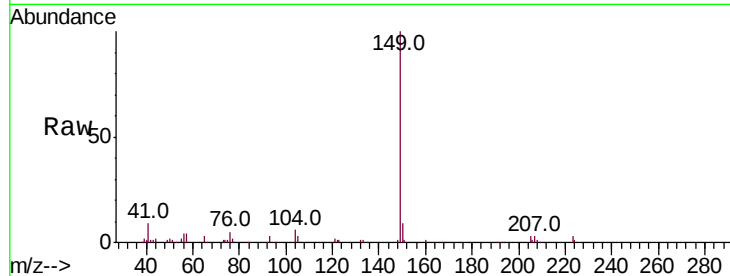




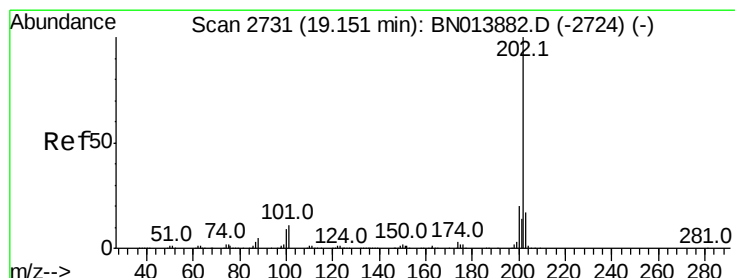
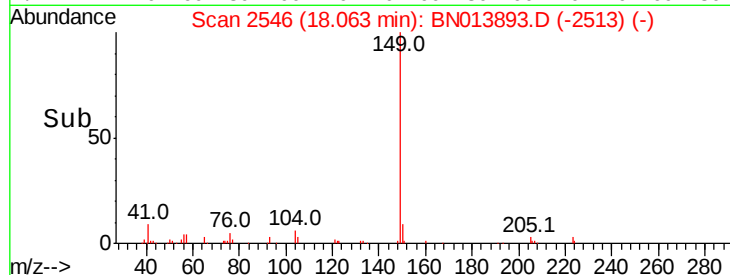
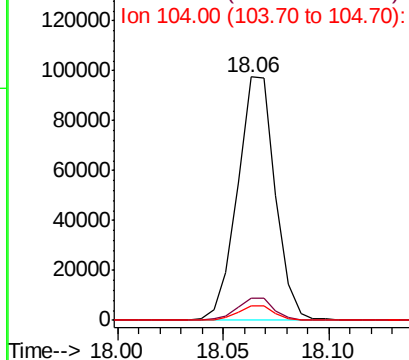
#76
Di-n-butylphthalate
Concen: 2.979 ng/ul
RT: 18.06 min Scan# 2546
Delta R.T. -0.01 min
Lab File: BN013893.D
Acq: 09 Mar 2021 15:44

Instrument :
BNA_N
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion:149 Resp: 120761
Ion Ratio Lower Upper
149 100
150 9.2 7.0 10.6
104 5.7 4.2 6.2

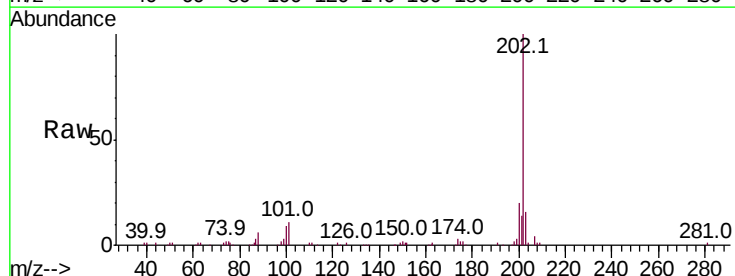


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

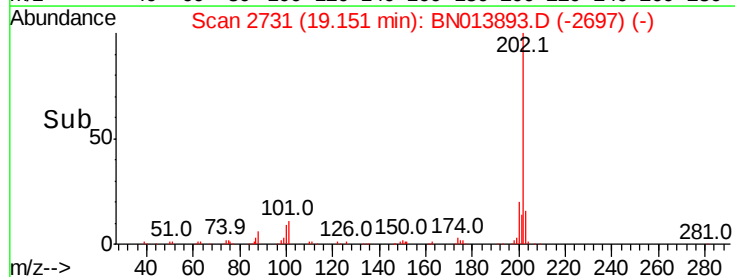
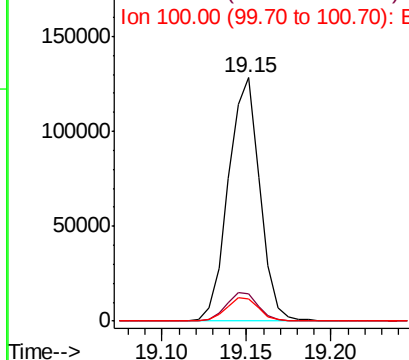


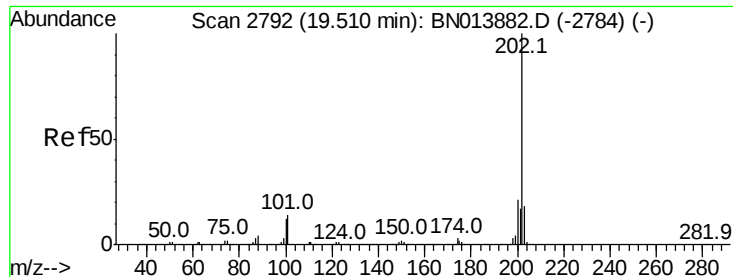
#77
Fluoranthene
Concen: 3.756 ng/ul
RT: 19.15 min Scan# 2731
Delta R.T. 0.00 min
Lab File: BN013893.D
Acq: 09 Mar 2021 15:44

Tgt Ion:202 Resp: 165892
Ion Ratio Lower Upper
202 100
101 11.3 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

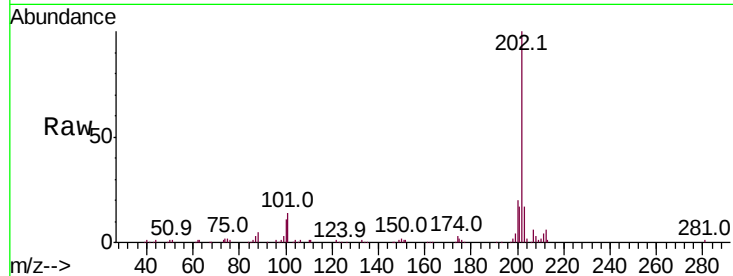




#80
Pvrene
Concen: 4.239 ng/ul
RT: 19.51 min Scan# 2792
Delta R.T. 0.00 min
Lab File: BN013893.D
Acq: 09 Mar 2021 15:44

Instrument :
BNA_N
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.1	16.7
100	11.1	9.5	14.3

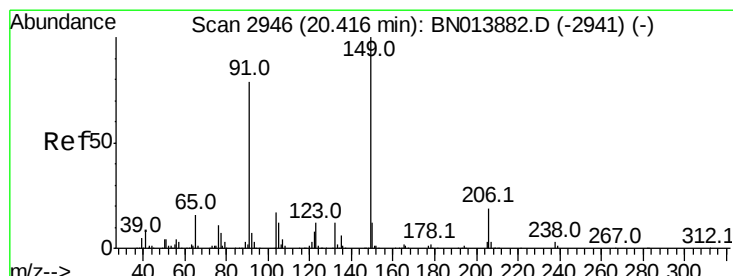
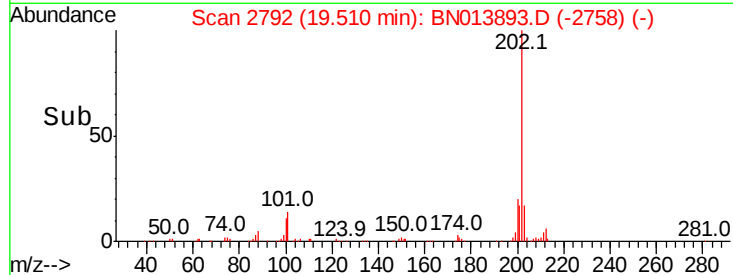
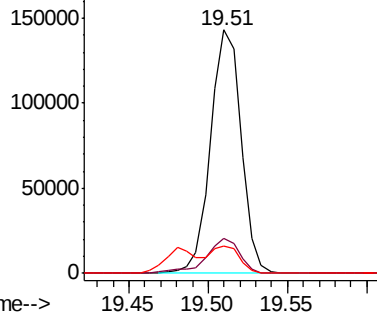


Abundance

Ion 202.00 (201.70 to 202.70): E

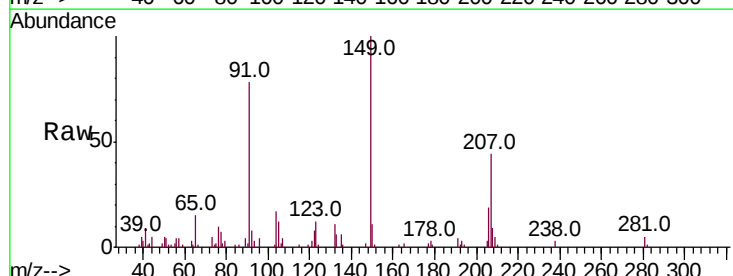
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#81
Butylbenzylphthalate
Concen: 2.609 ng/ul
RT: 20.42 min Scan# 2946
Delta R.T. 0.00 min
Lab File: BN013893.D
Acq: 09 Mar 2021 15:44

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.1	61.4	92.0
206	19.2	14.0	21.0

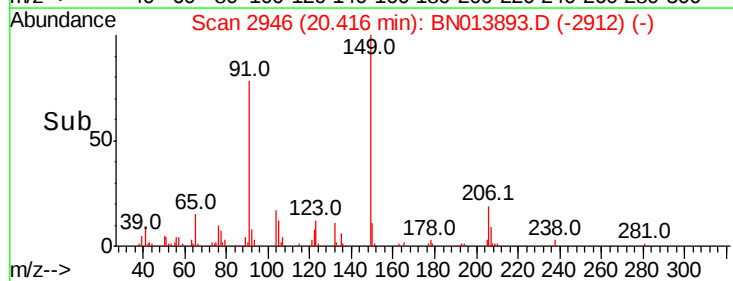
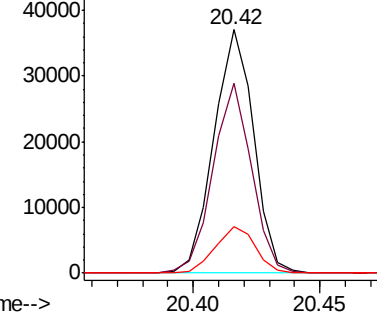


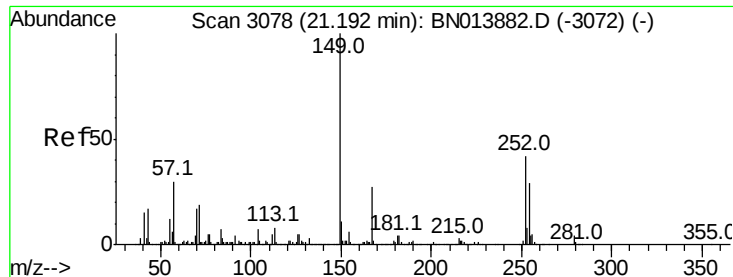
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E

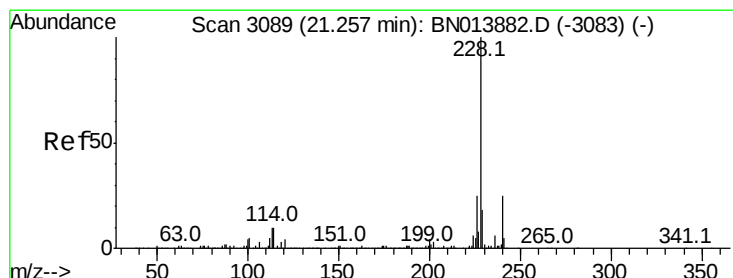
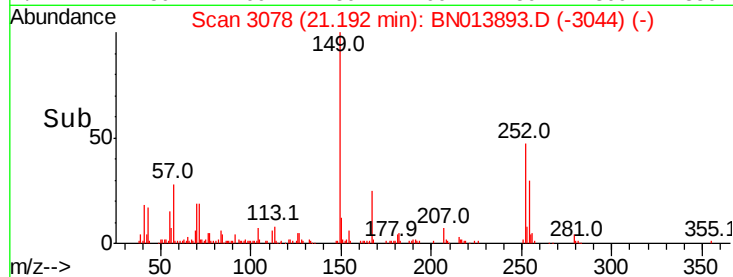
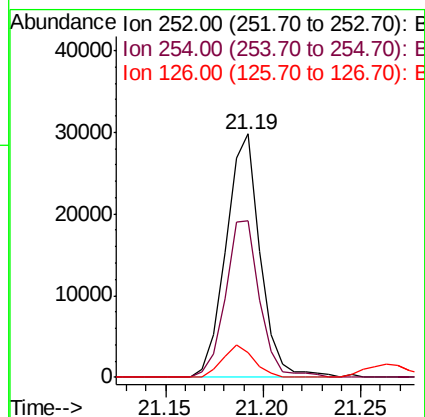
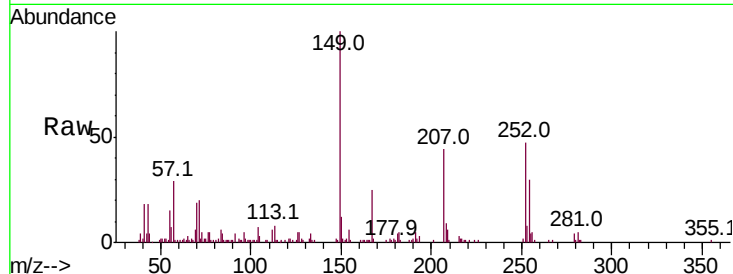




#82
 3,3'-Dichlorobenzidine
 Concen: 2.733 ng/ul
 RT: 21.19 min Scan# 3078
 Delta R.T. 0.00 min
 Lab File: BN013893.D
 Acq: 09 Mar 2021 15:44

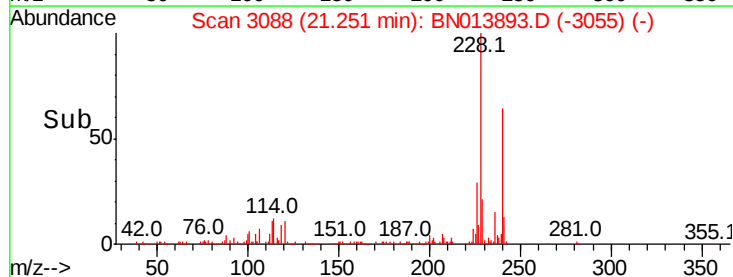
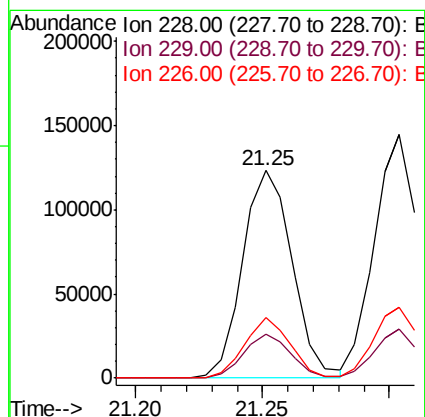
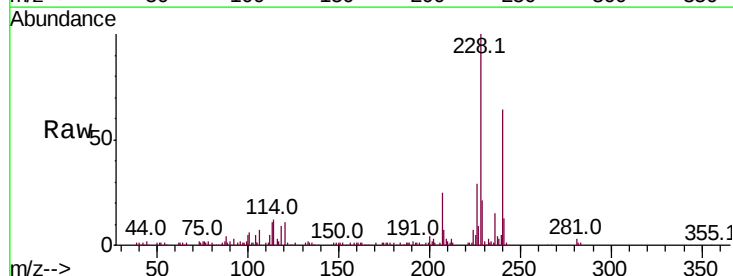
Instrument :
 BNA_N
 ClientSampleId :
 MDL-ME-SOIL-04

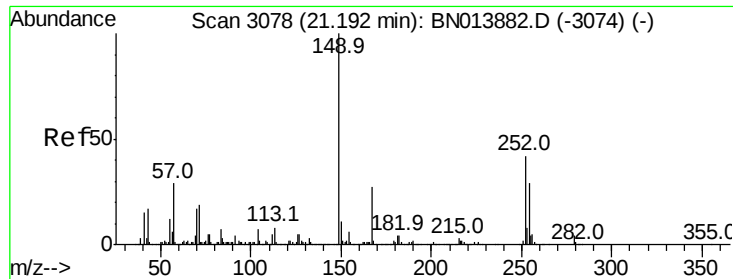
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	49.2	73.8
126	10.4	9.0	13.4



#83
 Benzo(a)anthracene
 Concen: 3.884 ng/ul
 RT: 21.25 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BN013893.D
 Acq: 09 Mar 2021 15:44

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.6
226	29.0	21.4	32.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.444 ng/ul

RT: 21.19 min Scan# 3078

Delta R.T. 0.00 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-04

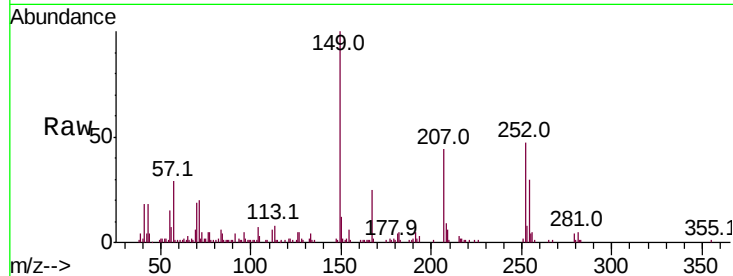
Tot Ion:149 Resp: 63831

Ion Ratio Lower Upper

149 100

167 24.8 21.7 32.5

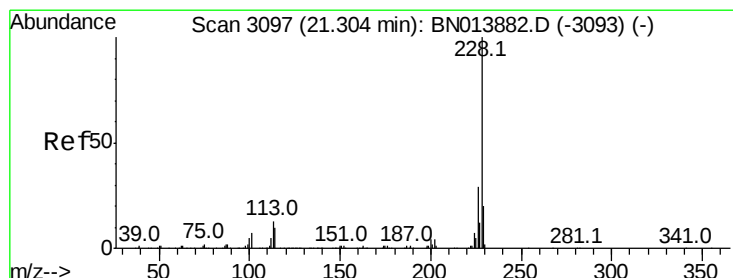
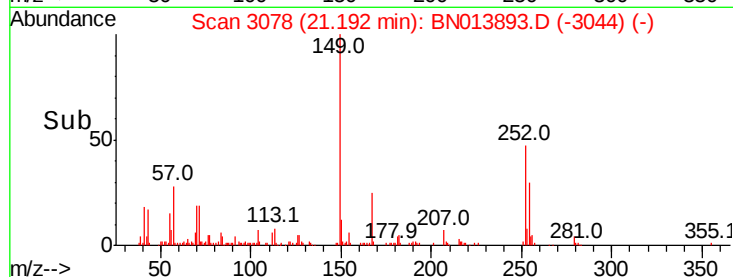
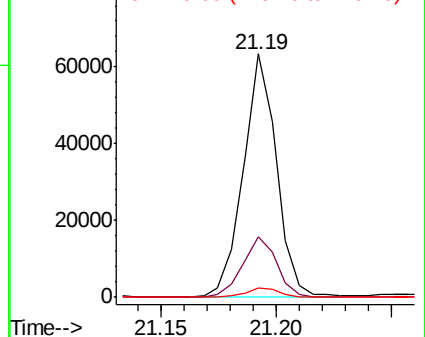
279 3.6 3.4 5.0



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: 4.195 ng/ul

RT: 21.30 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

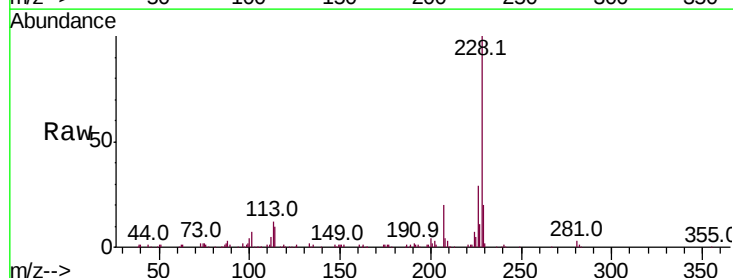
Tgt Ion:228 Resp: 176960

Ion Ratio Lower Upper

228 100

226 29.2 23.6 35.4

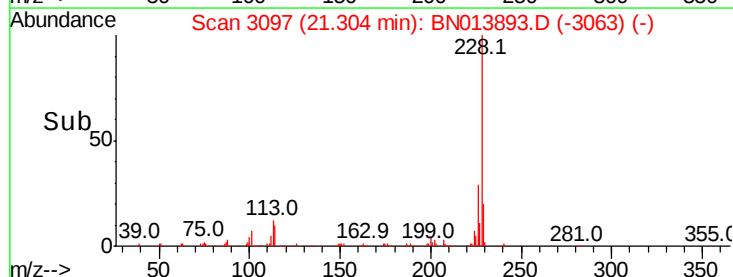
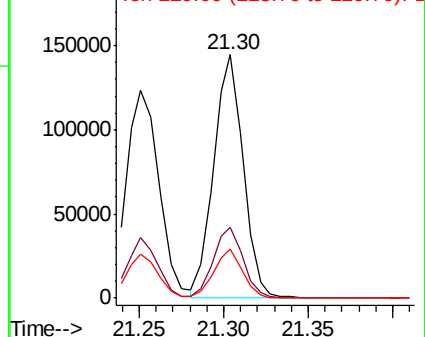
229 20.3 14.9 22.3

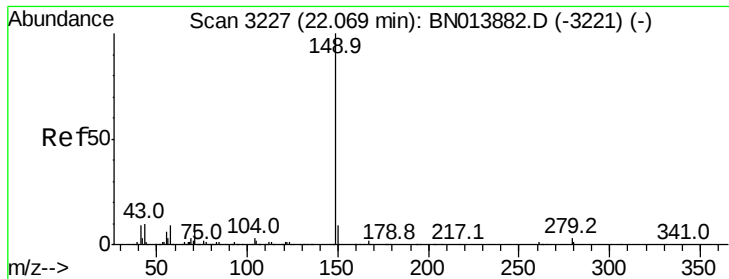


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 2.214 ng/ul

RT: 22.07 min Scan# 3227

Delta R.T. 0.00 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

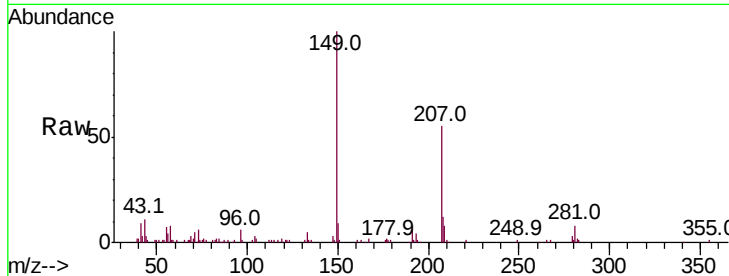
Instrument :

BNA_N

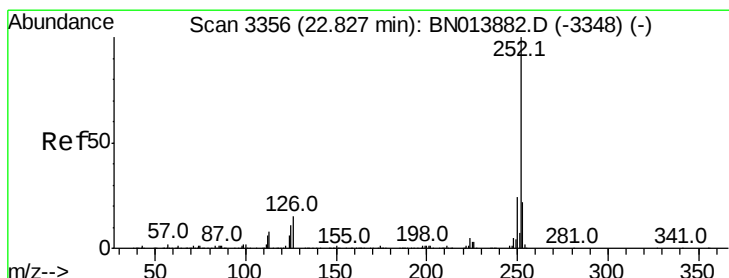
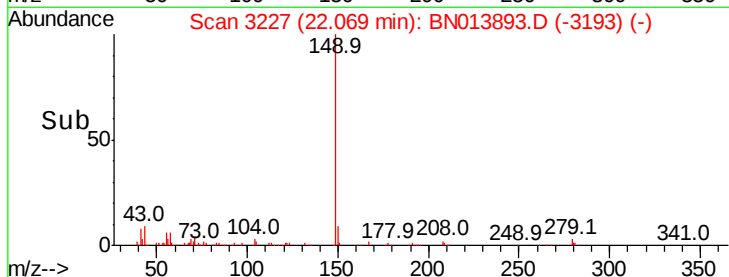
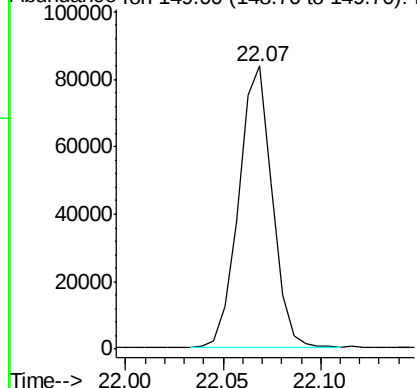
ClientSampleId :

MDL-ME-SOIL-04

Tgt Ion:149 Resp: 98514



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.911 ng/ul

RT: 22.82 min Scan# 3355

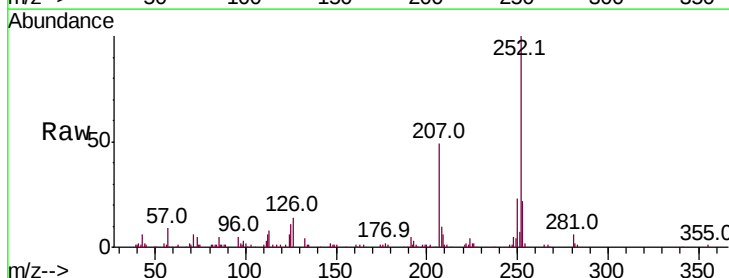
Delta R.T. -0.01 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

Tgt Ion:252 Resp: 169191

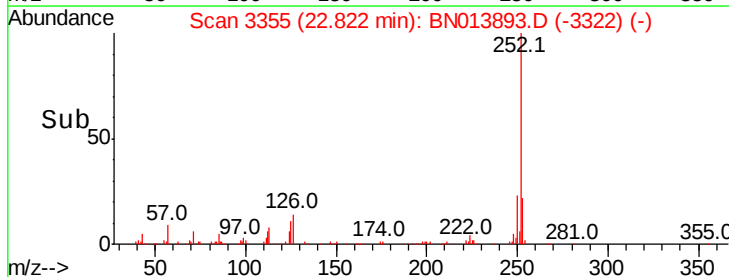
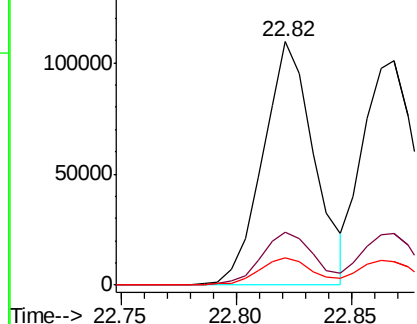
Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.6	27.8
125	11.4	9.3	13.9

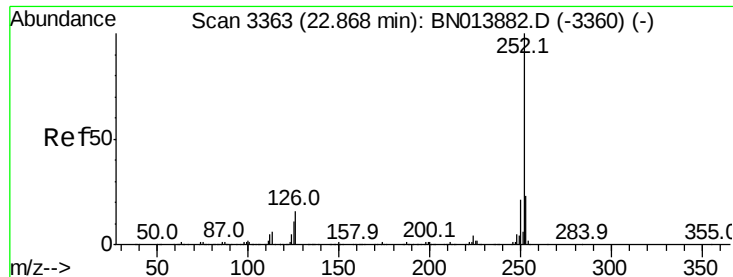


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.819 ng/ul

RT: 22.87 min Scan# 3363

Delta R.T. 0.00 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-04

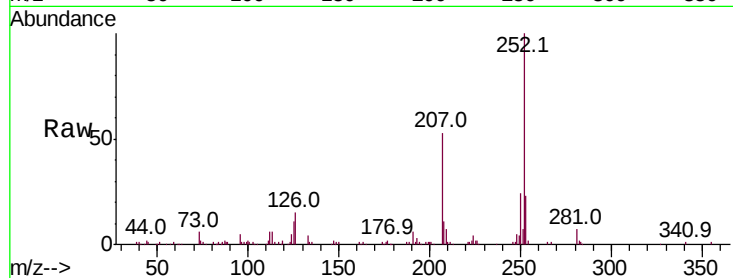
Tot Ion:252 Resp: 165741

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

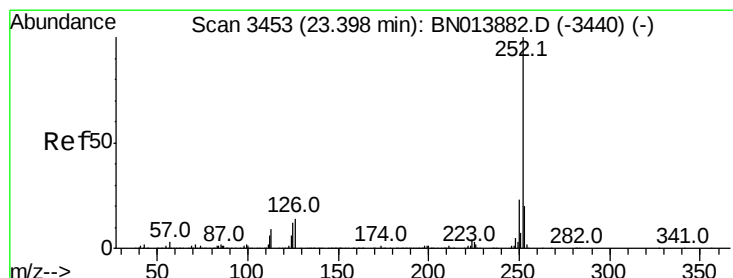
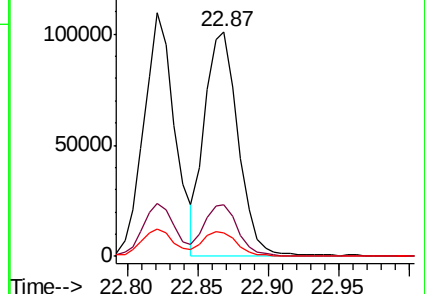
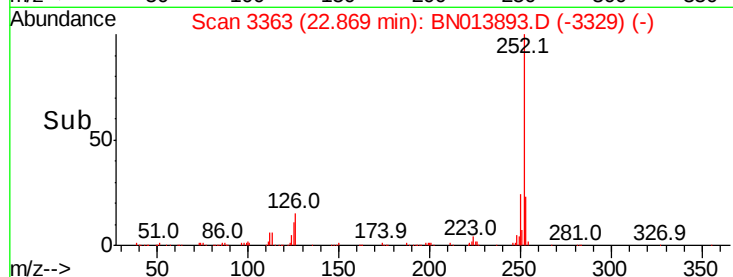
125 10.6 9.2 13.8



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: 4.109 ng/ul

RT: 23.39 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

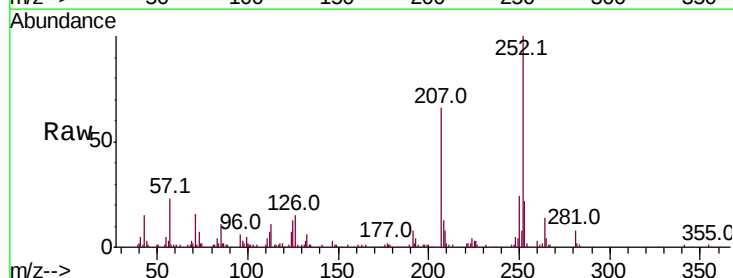
Tgt Ion:252 Resp: 161101

Ion Ratio Lower Upper

252 100

253 21.7 16.9 25.3

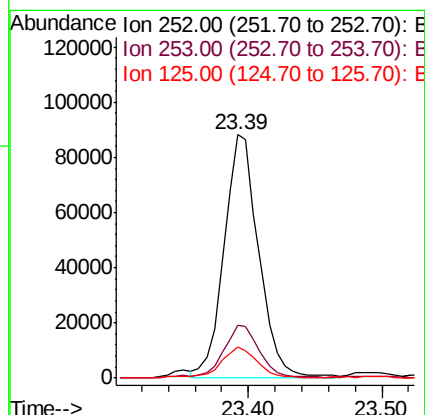
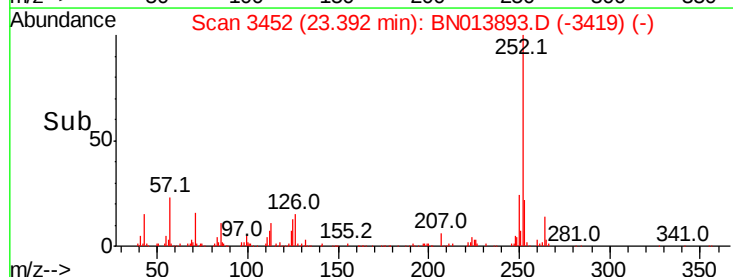
125 12.6 9.0 13.6

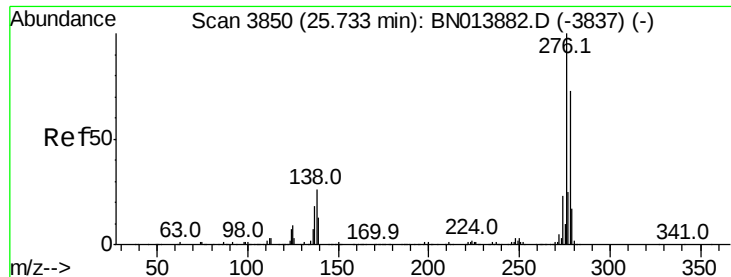


Abundance Ion 252.00 (251.70 to 252.70): E

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: 3.751 ng/ul

RT: 25.73 min Scan# 3849

Delta R.T. -0.01 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-04

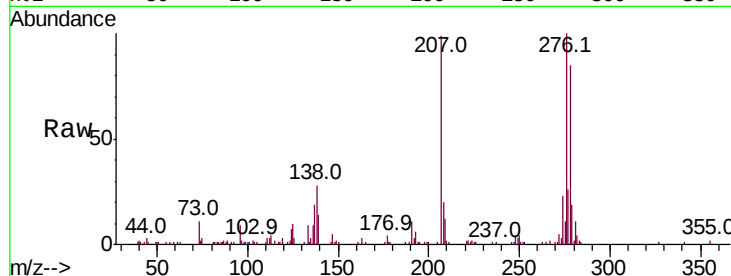
Tot Ion:276 Resp: 183795

Ion Ratio Lower Upper

276 100

138 28.0 20.3 30.5

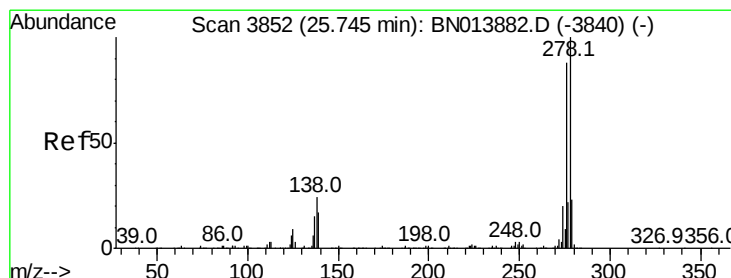
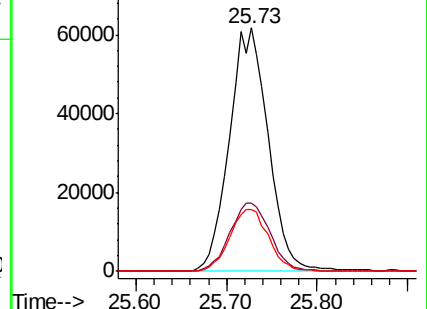
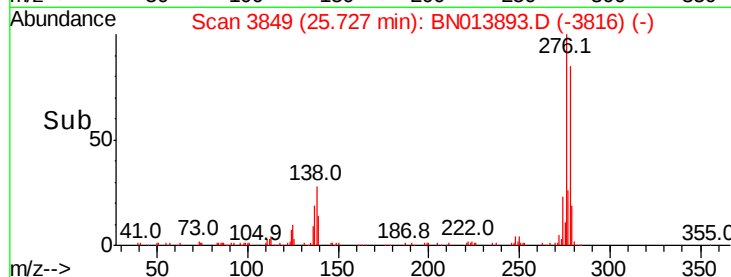
277 25.6 18.3 27.5



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: 3.810 ng/ul

RT: 25.74 min Scan# 3851

Delta R.T. -0.01 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

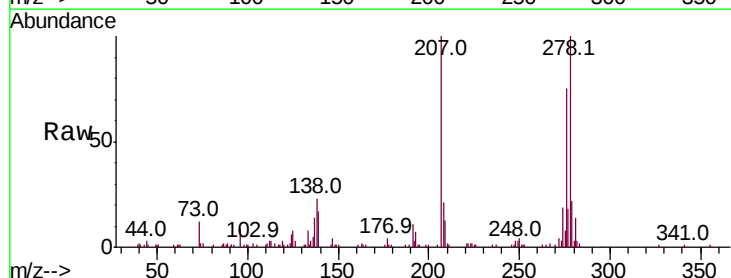
Tgt Ion:278 Resp: 159164

Ion Ratio Lower Upper

278 100

139 17.0 14.2 21.2

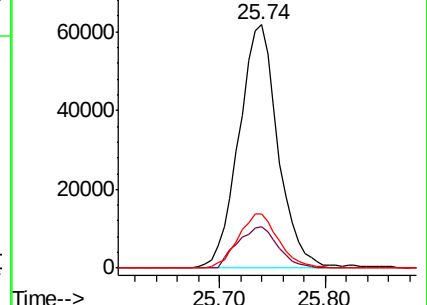
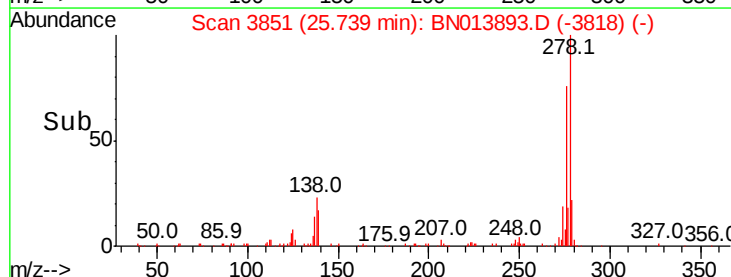
279 22.2 18.5 27.7

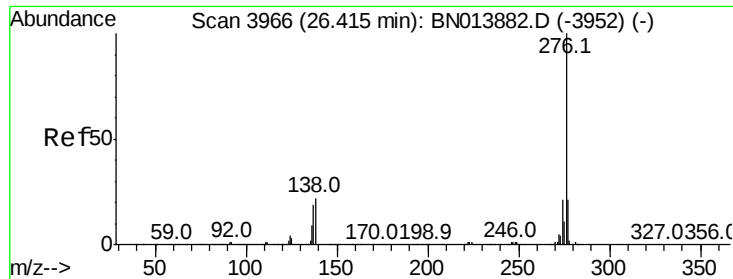


Abundance Ion 278.00 (277.70 to 278.70): E

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: 3.816 ng/ul

RT: 26.41 min Scan# 3965

Delta R.T. -0.01 min

Lab File: BN013893.D

Acq: 09 Mar 2021 15:44

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-04

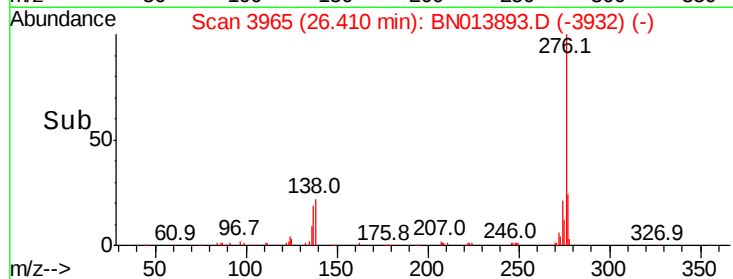
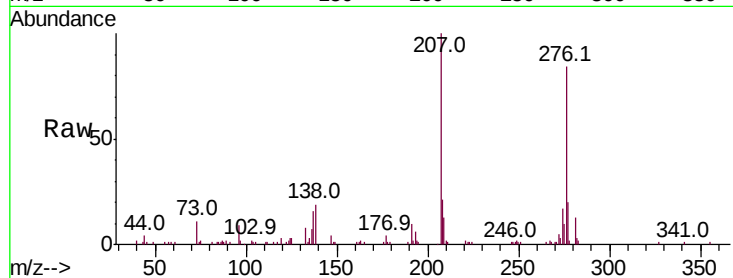
Tot Ion:276 Resp: 157033

Ion Ratio Lower Upper

276 100

138 22.2 17.5 26.3

277 24.2 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

