

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030921\
 Data File : BN013894.D
 Acq On : 09 Mar 2021 16:21
 Operator : CG/JU
 Sample : M1534-19
 Misc : SOM-MDL-MES-05
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-ME-SOIL-05

Quant Time: Mar 09 16:50:06 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	148767	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	609243	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	358100	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	737411	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	724029	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	731061	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	17137	4.57	ng/uL	0.00
5) Phenol-d5	6.88	99	404248	33.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	273467	36.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	330968	35.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	306758	33.67	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	147660	36.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	143996	36.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	290008	34.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	418323	39.71	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	863647	35.92	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1118513	35.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	136578	30.28	ng/ul	0.00
58) Fluorene-d10	15.35	176	780250	36.75	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	91737	26.76	ng/ul	0.00
71) Anthracene-d10	17.19	188	1147153	35.60	ng/ul	0.00
79) Pyrene-d10	19.48	212	1226785	34.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.35	264	1326315	36.44	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.25	88	3144	0.826	ng/uL# 78
4) Benzaldehyde	6.86	77	27636	4.564	ng/ul 96
6) Phenol	6.91	94	45162	3.502	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.15	93	36612	3.630	ng/ul 97
10) 2-Chlorophenol	7.28	128	34381	3.508	ng/ul 97
11) 2-Methylphenol	8.15	108	28515	3.065	ng/ul 94
12) 2,2'-oxybis(1-Chloropropan	8.25	45	53913	3.501	ng/ul# 94
14) Acetophenone	8.53	105	50840	3.386	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.52	70	23423	3.144	ng/ul 97
16) 4-Methylphenol	8.48	108	33780	3.347	ng/ul 97
17) Hexachloroethane	8.79	117	14502	3.488	ng/ul 96
20) Nitrobenzene	8.91	77	39992	3.586	ng/ul 99
21) Isophorone	9.43	82	57958	2.964	ng/ul 95
23) 2-Nitrophenol	9.62	139	16719	3.670	ng/ul 96
24) 2,4-Dimethylphenol	9.68	107	35454	3.304	ng/ul 96
25) Bis(2-Chloroethoxy)methane	9.92	93	44756	3.428	ng/ul 97
27) 2,4-Dichlorophenol	10.15	162	31045	3.546	ng/ul 95
28) Naphthalene	10.55	128	115800	3.666	ng/ul 99
30) 4-Chloroaniline	10.66	127	44970	4.109	ng/ul 98
31) Hexachlorobutadiene	10.83	225	19754	3.543	ng/ul 99
32) Caprolactam	11.42	113	4913	1.854	ng/ul 80
33) 4-Chloro-3-methylphenol	11.77	107	25101	2.813	ng/ul 95
34) 2-Methylnaphthalene	12.16	142	75544	3.501	ng/ul 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.38	142	74437	3.579	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	38154	3.539	ng/ul	95
38) Hexachlorocyclopentadiene	12.52	237	18781	2.926	ng/ul	93
39) 2,4,6-Trichlorophenol	12.77	196	16744	2.691	ng/ul	94
40) 2,4,5-Trichlorophenol	12.84	196	19861	2.909	ng/ul	99
41) 1,1'-Biphenyl	13.18	154	97084	3.605	ng/ul	99
42) 2-Chloronaphthalene	13.22	162	76181	3.619	ng/ul	98
43) 2-Nitroaniline	13.42	65	13672	2.505	ng/ul	95
45) Dimethylphthalate	13.81	163	87678	3.524	ng/ul	99
46) 2,6-Dinitrotoluene	13.92	165	11546	2.589	ng/ul	86
48) Acenaphthylene	14.07	152	111514	3.617	ng/ul	100
49) 3-Nitroaniline	14.25	138	13112	2.704	ng/ul	94
50) Acenaphthene	14.42	153	80971	3.600	ng/ul	95
51) 2,4-Dinitrophenol	14.46	184	4276	1.822	ng/ul	93
53) 4-Nitrophenol	14.56	109	11841	3.259	ng/ul	90
54) Dibenzofuran	14.75	168	112587	3.631	ng/ul	100
55) 2,4-Dinitrotoluene	14.71	165	18822	2.955	ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	14.97	232	14686	2.787	ng/ul#	98
57) Diethylphthalate	15.17	149	80082	3.220	ng/ul	98
59) Fluorene	15.40	166	91068	3.609	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.40	204	45638	3.770	ng/ul	98
61) 4-Nitroaniline	15.41	138	13891	2.501	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.47	198	10547	2.921	ng/ul#	61
65) N-Nitrosodiphenylamine	15.61	169	71677	3.375	ng/ul	99
66) 4-Bromophenyl-phenylether	16.29	248	23303	3.299	ng/ul	95
67) Hexachlorobenzene	16.40	284	28906	3.426	ng/ul	94
68) Atrazine	16.56	200	17829	2.430	ng/ul	95
69) Pentachlorophenol	16.74	266	8230	1.851	ng/ul	93
70) Phenanthrene	17.13	178	143147	3.583	ng/ul	99
72) Anthracene	17.23	178	143619	3.536	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.14	216	38492	3.565	ng/uL	98
74) Pentachlorobenzene	14.67	250	34982	3.439	ng/uL	96
75) Carbazole	17.49	167	114093	3.149	ng/ul	99
76) Di-n-butylphthalate	18.07	149	102348	2.524	ng/ul	100
77) Fluoranthene	19.15	202	149171	3.377	ng/ul	99
80) Pvrene	19.51	202	170742	3.662	ng/ul	100
81) Butylbenzylphthalate	20.42	149	34534	2.152	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.19	252	29621	2.180	ng/ul	97
83) Benzo(a)anthracene	21.25	228	150308	3.373	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.19	149	54098	2.014	ng/ul#	97
85) Chrysene	21.30	228	152492	3.516	ng/ul	99
87) Di-n-octyl phthalate	22.07	149	83524	1.828	ng/ul	100
88) Benzo(b)fluoranthene	22.82	252	152742	3.439	ng/ul	99
89) Benzo(k)fluoranthene	22.87	252	148114	3.324	ng/ul	99
91) Benzo(a)pyrene	23.39	252	146231	3.632	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.72	276	169927	3.378	ng/ul	97
93) Dibenzo(a,h)anthracene	25.73	278	141004	3.287	ng/ul	99
94) Benzo(a,h,i)perylene	26.41	276	139482	3.301	ng/ul	98

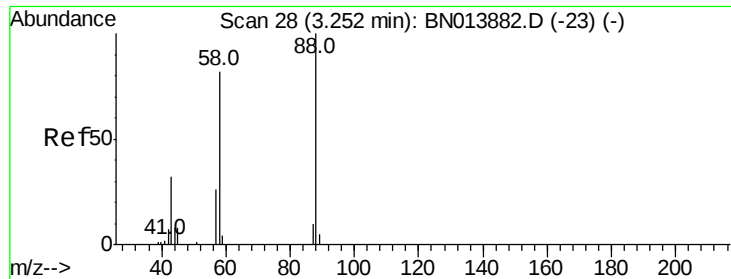
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030921\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#2

1,4-Dioxane

Concen: 0.826 ng/uL

RT: 3.25 min Scan# 28

Delta R.T. 0.00 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-05

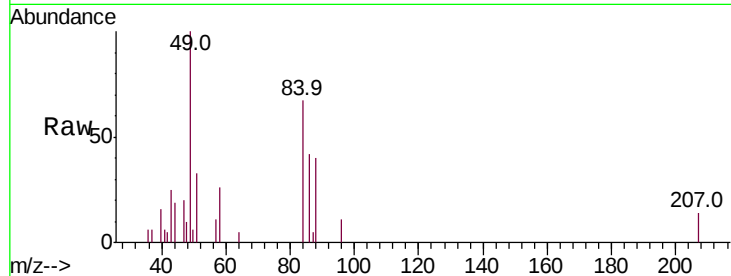
Tot Ion: 88 Resp: 3144

Ion Ratio Lower Upper

88 100

43 61.3 31.3 46.9#

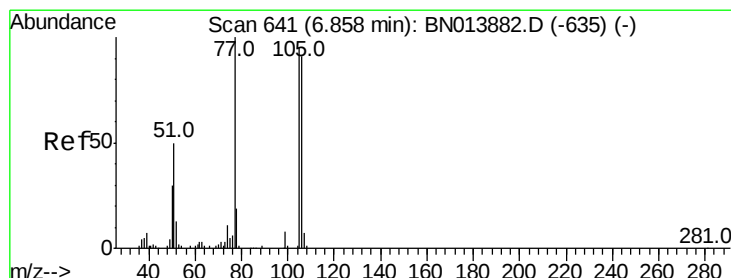
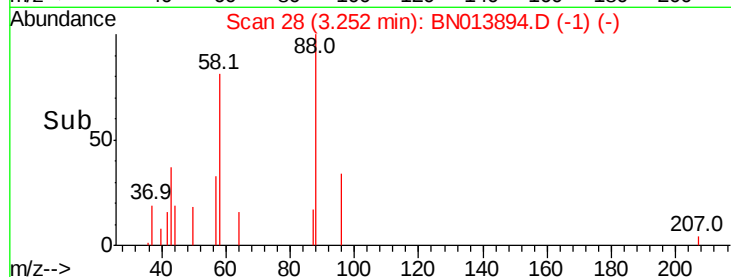
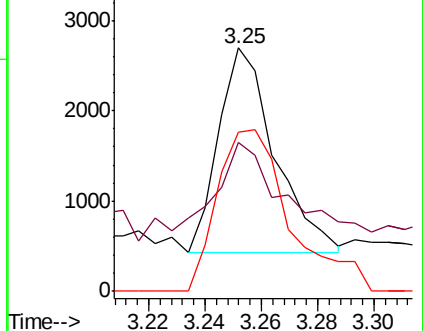
58 65.5 62.7 94.1



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: 4.564 ng/uL

RT: 6.86 min Scan# 642

Delta R.T. 0.01 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

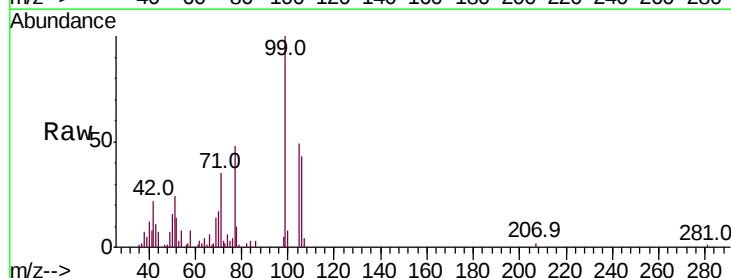
Tgt Ion: 77 Resp: 27636

Ion Ratio Lower Upper

77 100

105 101.7 78.7 118.1

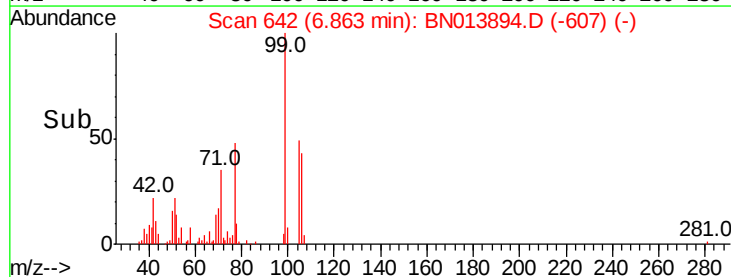
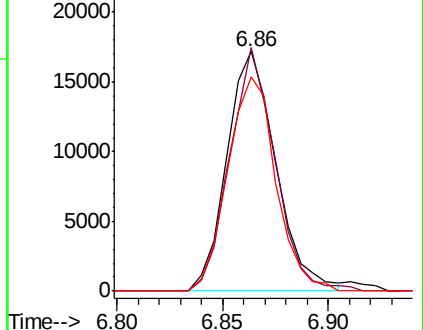
106 89.3 75.8 113.6

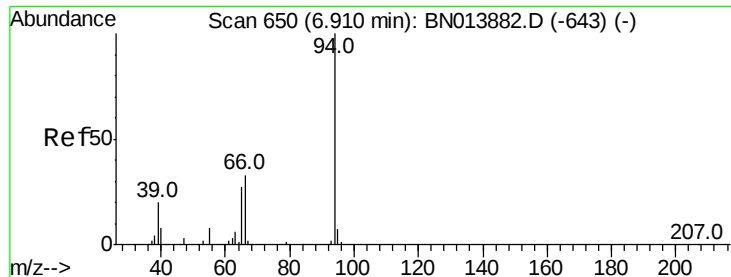


Abundance Ion 77.00 (76.70 to 77.70): BN013882.D (-635) (-)

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: 3.502 ng/ul

RT: 6.91 min Scan# 650

Delta R.T. 0.00 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

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ClientSampleId :

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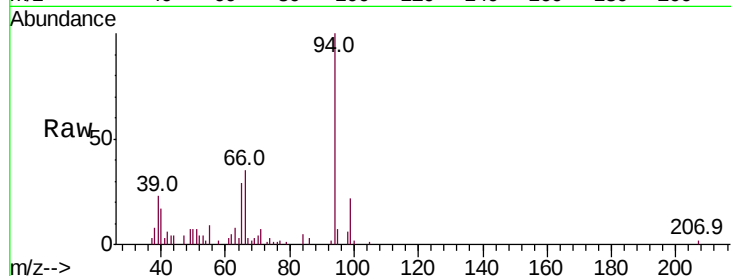
Tot Ion: 94 Resp: 45162

Ion Ratio Lower Upper

94 100

65 29.0 23.1 34.7

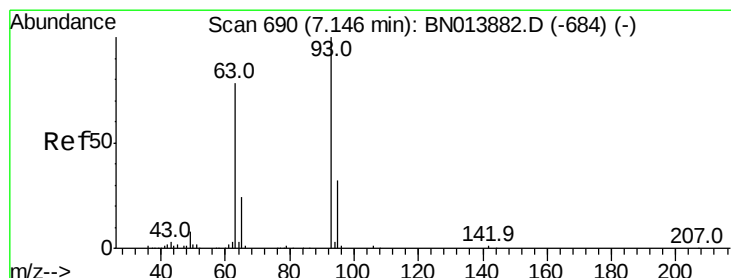
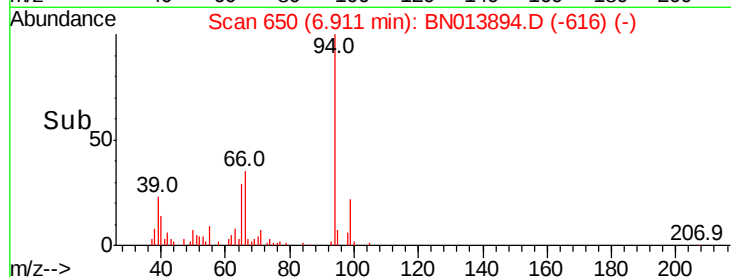
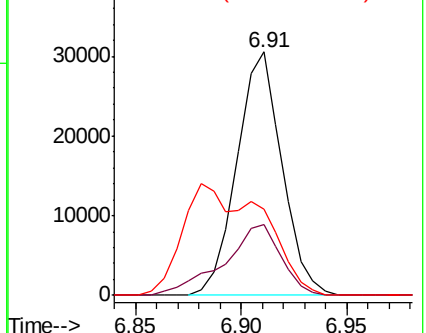
66 35.2 29.1 43.7



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: 3.630 ng/ul

RT: 7.15 min Scan# 690

Delta R.T. 0.00 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

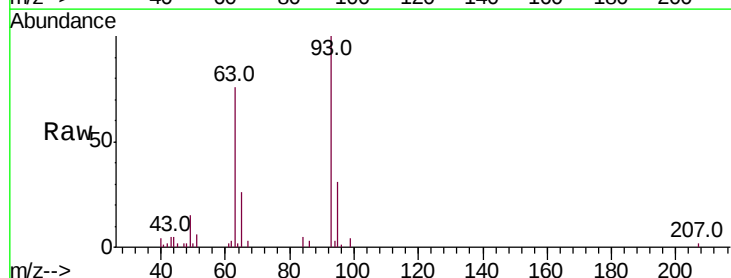
Tgt Ion: 93 Resp: 36612

Ion Ratio Lower Upper

93 100

63 76.2 63.1 94.7

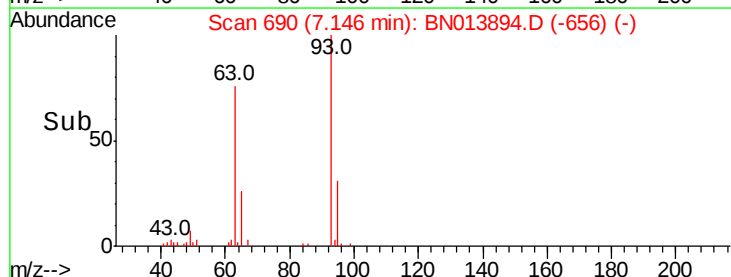
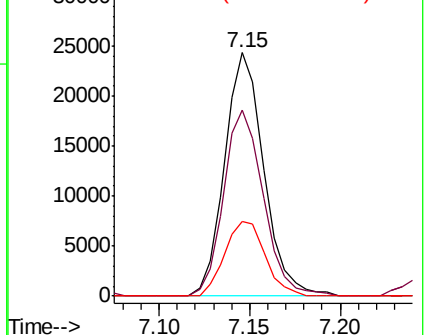
95 30.7 26.2 39.2

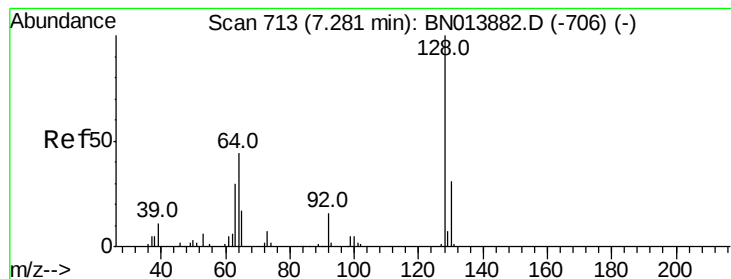


Abundance Ion 93.00 (92.70 to 93.70): BN013882.D (-684) (-)

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: 3.508 ng/ul

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

Instrument :

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ClientSampleId :

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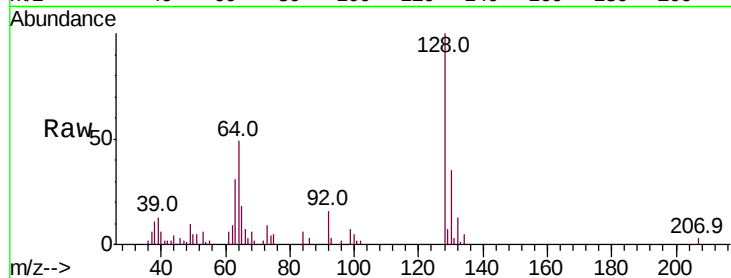
Tot Ion:128 Resp: 34381

Ion Ratio Lower Upper

128 100

64 48.9 40.1 60.1

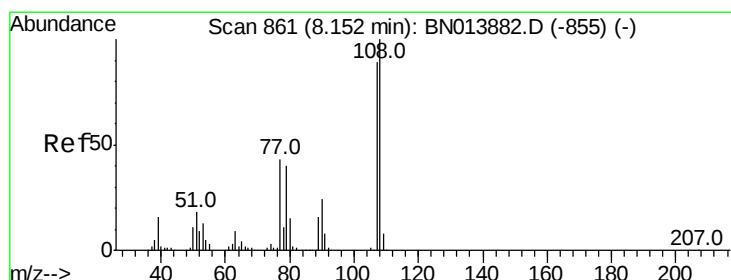
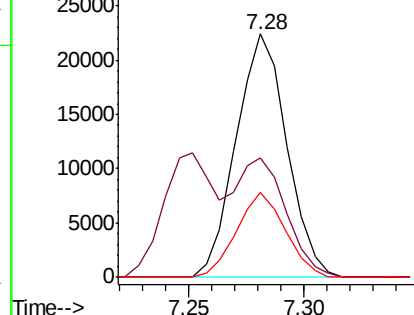
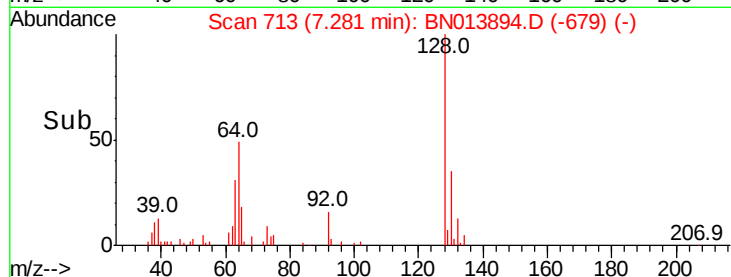
130 34.7 25.9 38.9



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: 3.065 ng/ul

RT: 8.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BN013894.D

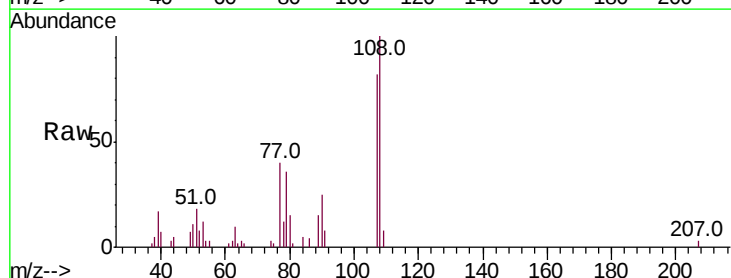
Acq: 09 Mar 2021 16:21

Tgt Ion:108 Resp: 28515

Ion Ratio Lower Upper

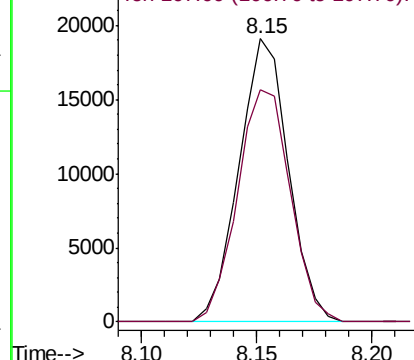
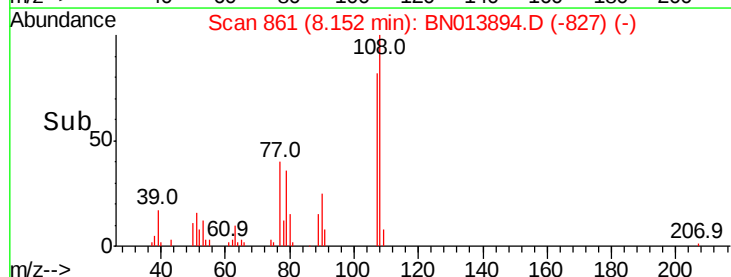
108 100

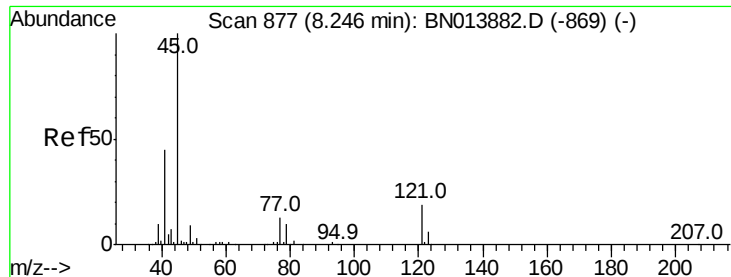
107 82.1 70.3 105.5



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: 3.501 ng/ul

RT: 8.25 min Scan# 878

Delta R.T. 0.01 min

Lab File: BN013894.D

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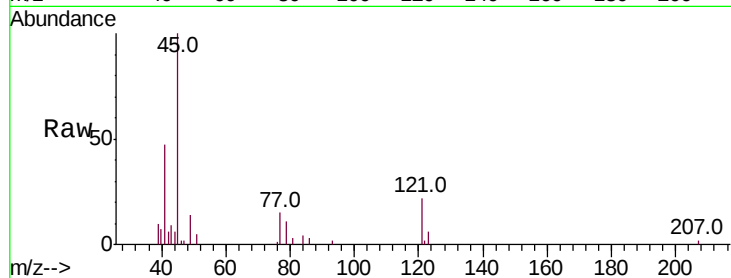
Tot Ion: 45 Resp: 53913

Ion Ratio Lower Upper

45 100

77 14.8 9.8 14.8#

79 11.2 7.5 11.3

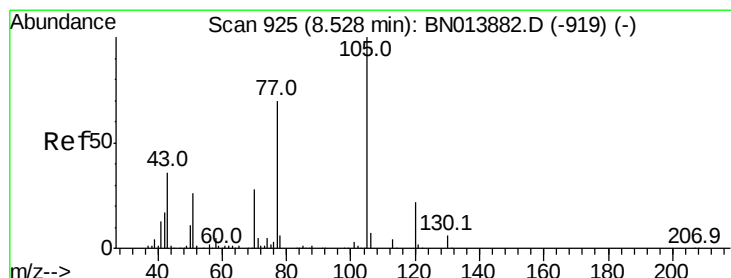
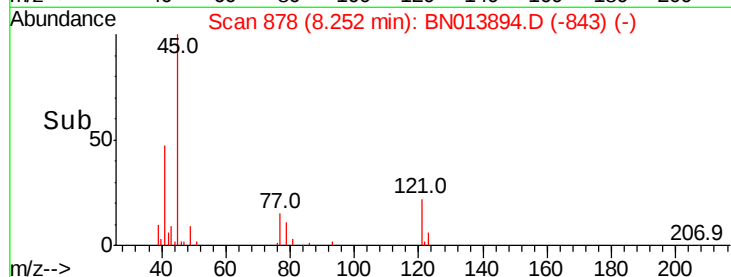
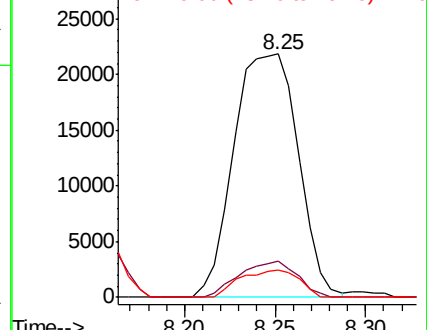


Abundance

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: 3.386 ng/ul

RT: 8.53 min Scan# 926

Delta R.T. 0.01 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

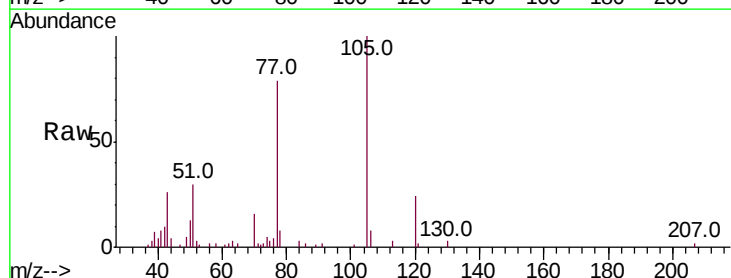
Tgt Ion: 105 Resp: 50840

Ion Ratio Lower Upper

105 100

77 79.3 62.0 93.0

51 30.4 23.7 35.5

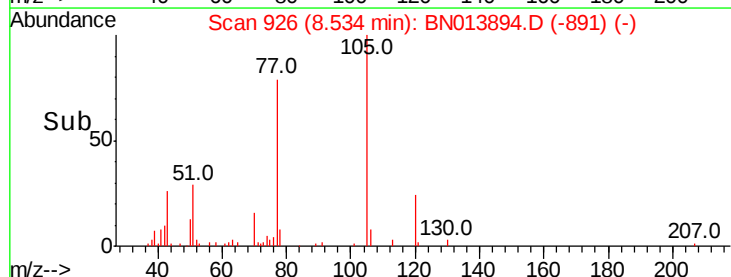
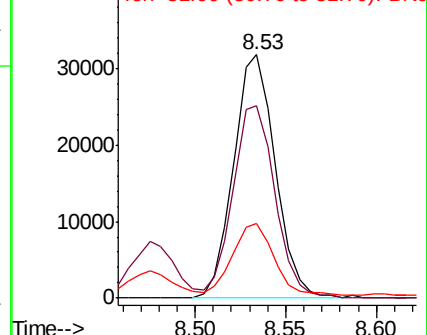


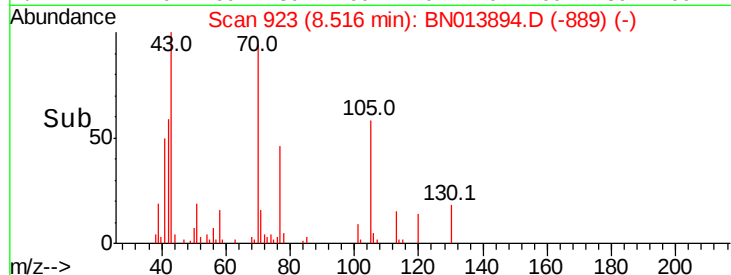
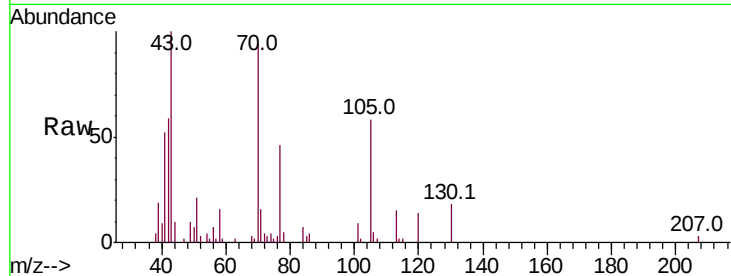
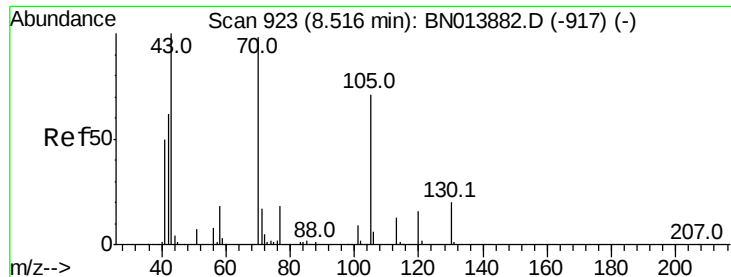
Abundance

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

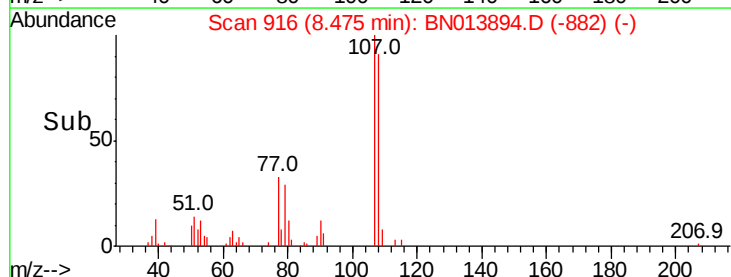
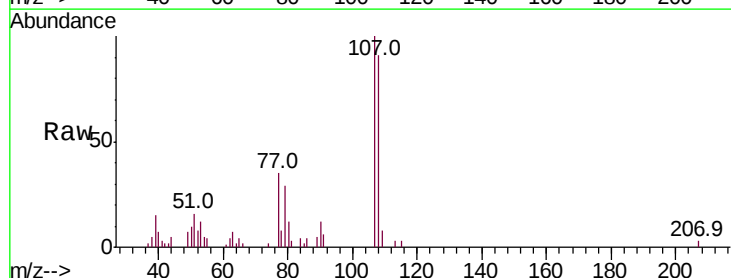
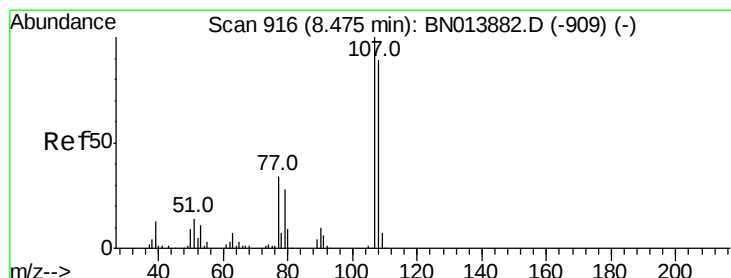
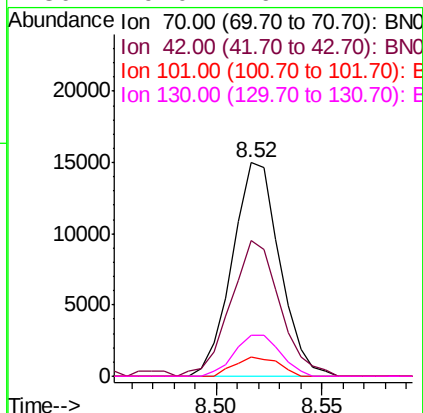




#15
N-Nitroso-di-n-propylamine
Concen: 3.144 ng/ul
RT: 8.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BN013894.D
Acq: 09 Mar 2021 16:21

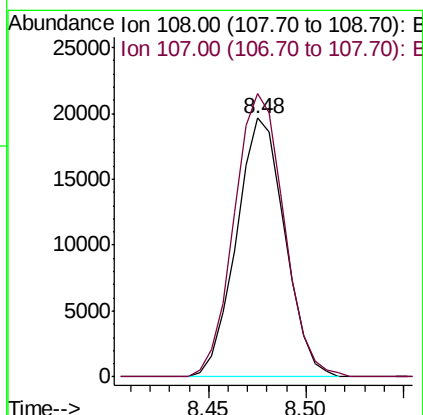
Instrument :
BNA_N
ClientSampleId :
MDL-ME-SOIL-05

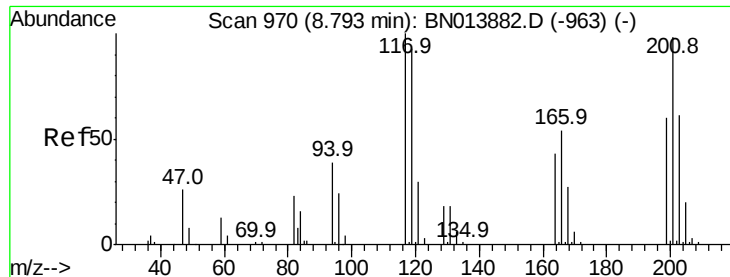
Tot Ion: 70 Resp: 23423
Ion Ratio Lower Upper
70 100
42 63.3 52.4 78.6
101 9.1 7.6 11.4
130 19.0 16.1 24.1



#16
4-Methylphenol
Concen: 3.347 ng/ul
RT: 8.48 min Scan# 916
Delta R.T. 0.00 min
Lab File: BN013894.D
Acq: 09 Mar 2021 16:21

Tgt Ion: 108 Resp: 33780
Ion Ratio Lower Upper
108 100
107 109.5 89.9 134.9

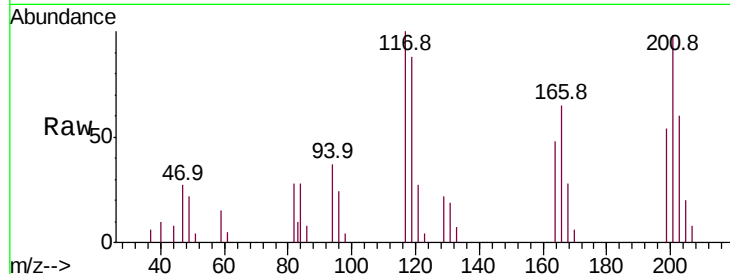




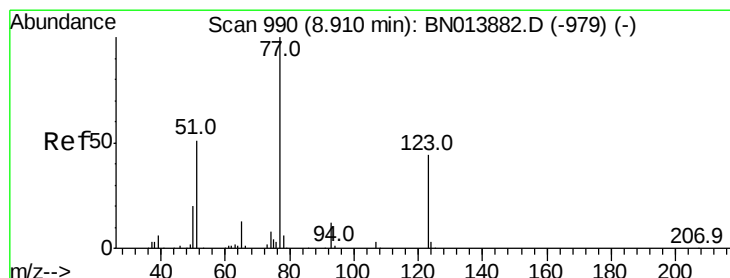
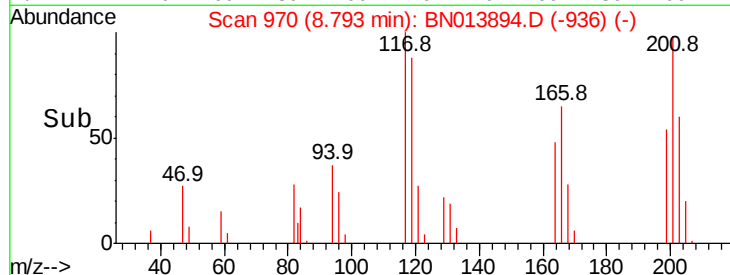
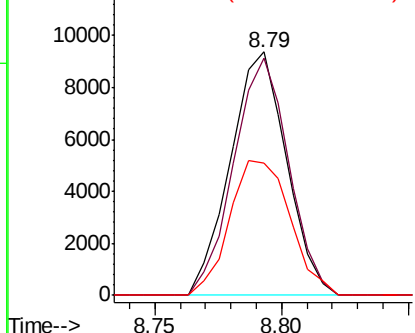
#17
Hexachloroethane
Concen: 3.488 ng/ul
RT: 8.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BN013894.D
Acq: 09 Mar 2021 16:21

Instrument :
BNA_N
ClientSampleId :
MDL-ME-SOIL-05

Tot Ion:117 Resp: 14502
Ion Ratio Lower Upper
117 100
201 97.5 77.8 116.6
199 54.3 49.6 74.4

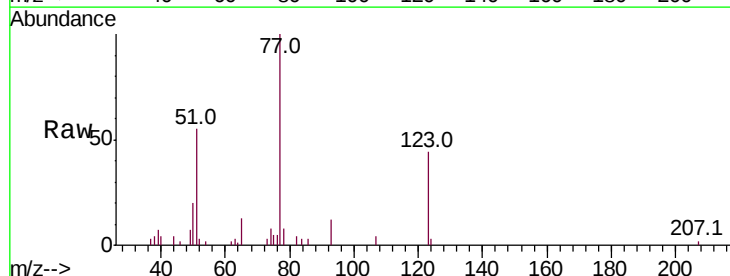


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

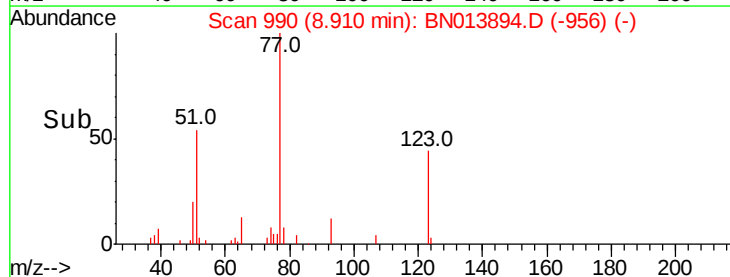
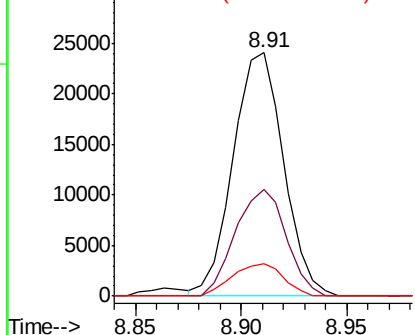


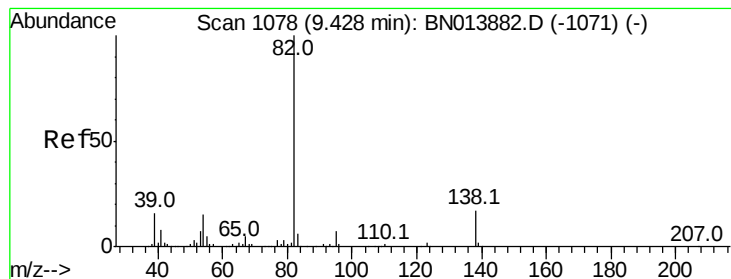
#20
Nitrobenzene
Concen: 3.586 ng/ul
RT: 8.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BN013894.D
Acq: 09 Mar 2021 16:21

Tgt Ion: 77 Resp: 39992
Ion Ratio Lower Upper
77 100
123 44.0 34.7 52.1
65 13.2 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: 2.964 ng/ul

RT: 9.43 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-05

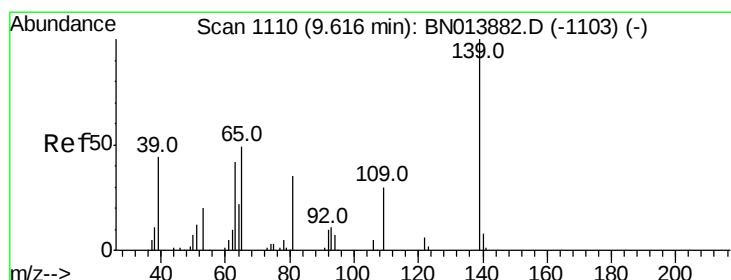
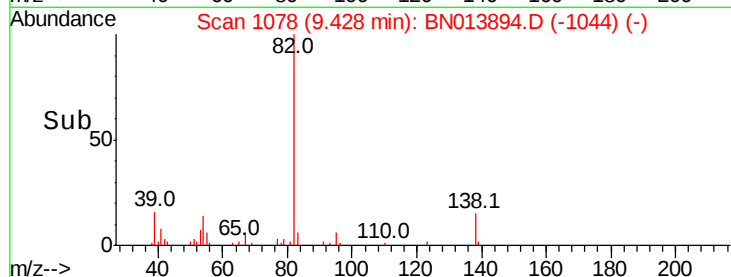
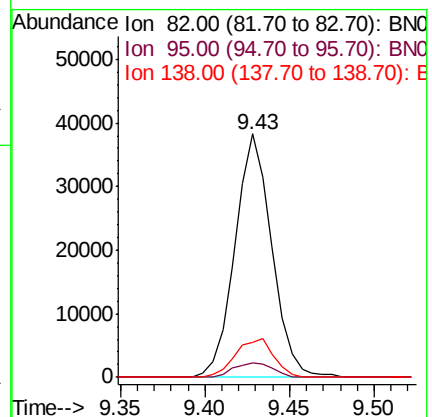
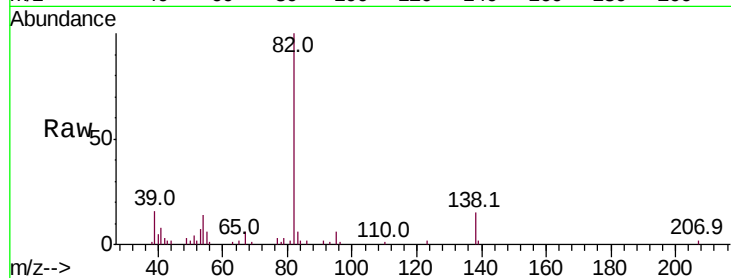
Tot Ion: 82 Resp: 57958

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

138 14.5 13.8 20.6



#23

2-Nitrophenol

Concen: 3.670 ng/ul

RT: 9.62 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

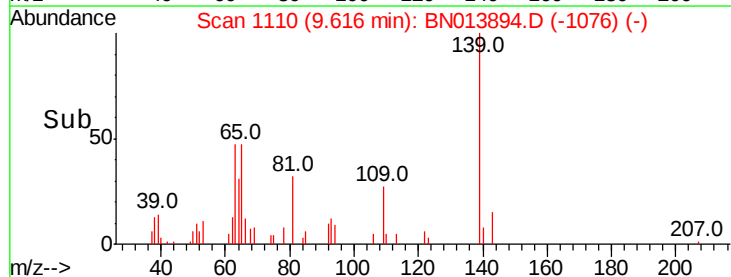
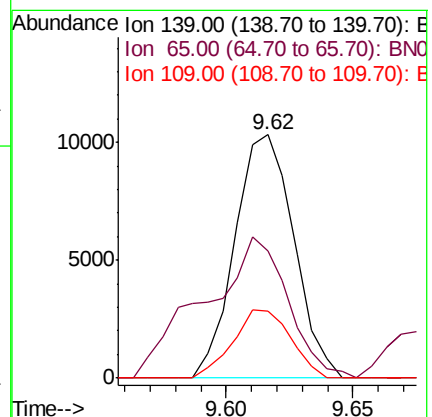
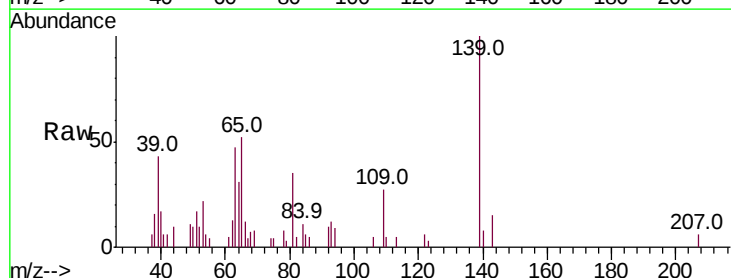
Tgt Ion: 139 Resp: 16719

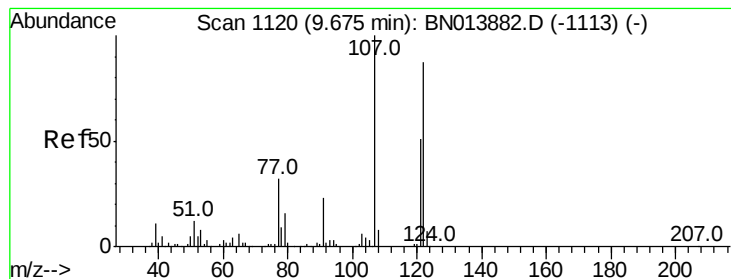
Ion Ratio Lower Upper

139 100

65 52.3 43.9 65.9

109 27.3 24.2 36.4





#24

2,4-Dimethylphenol

Concen: 3.304 ng/ul

RT: 9.68 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-05

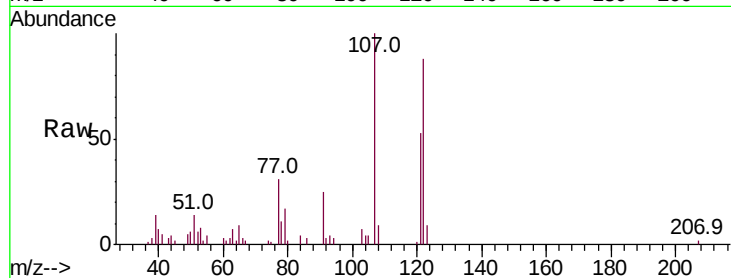
Tot Ion:107 Resp: 35454

Ion Ratio Lower Upper

107 100

121 52.8 40.6 61.0

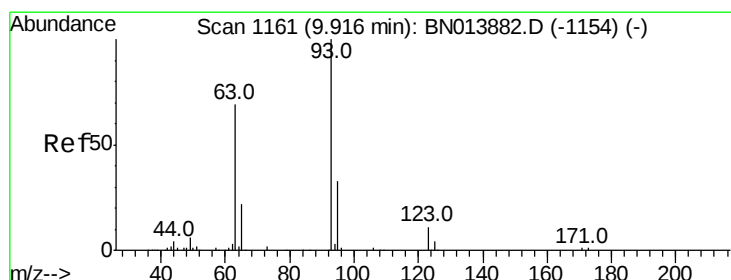
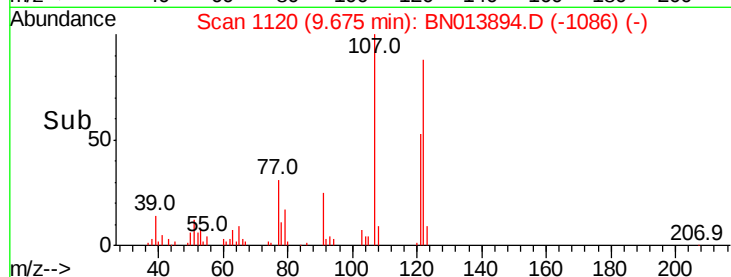
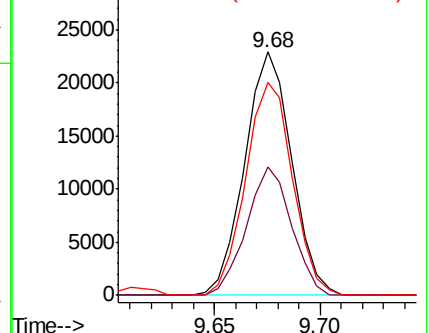
122 87.5 67.0 100.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 3.428 ng/ul

RT: 9.92 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

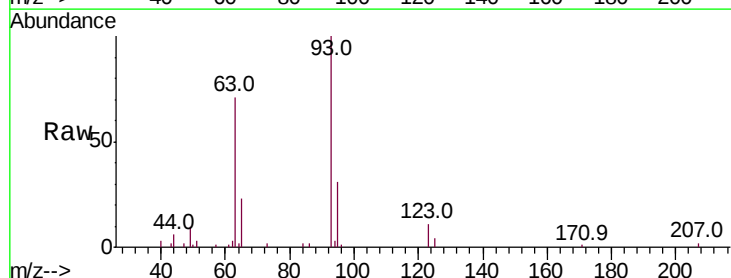
Tgt Ion: 93 Resp: 44756

Ion Ratio Lower Upper

93 100

95 30.6 26.2 39.2

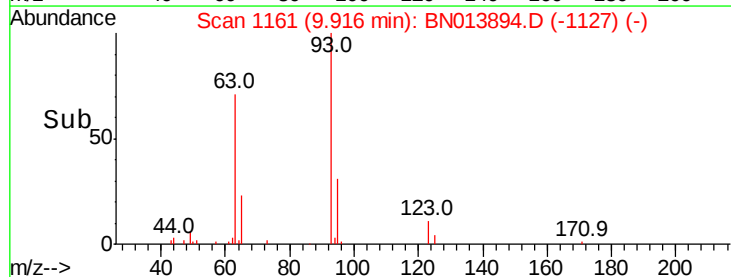
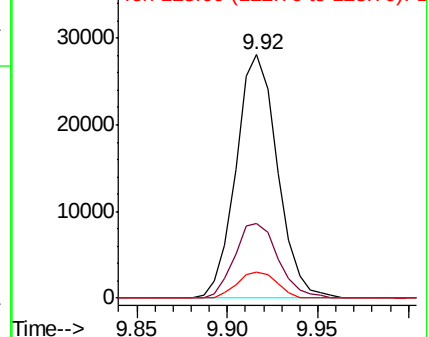
123 10.7 8.7 13.1

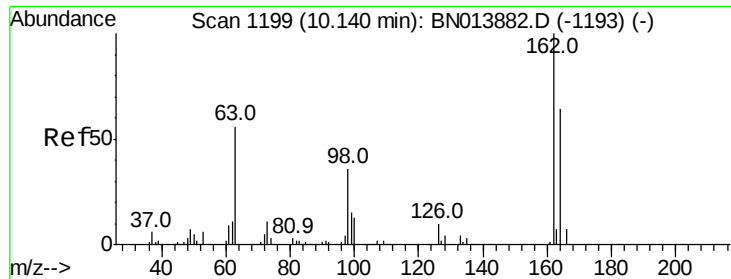


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

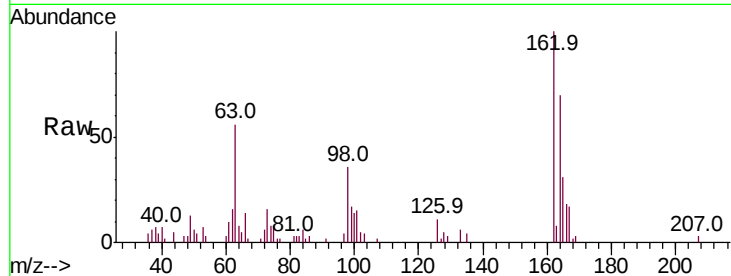




#27
2,4-Dichlorophenol
Concen: 3.546 ng/ul
RT: 10.15 min Scan# 1200
Delta R.T. 0.01 min
Lab File: BN013894.D
Acq: 09 Mar 2021 16:21

Instrument :
BNA_N
ClientSampleId :
MDL-ME-SOIL-05

Tot Ion	Ratio	Lower	Upper
162	100		
164	70.1	51.0	76.6
98	36.0	28.6	43.0

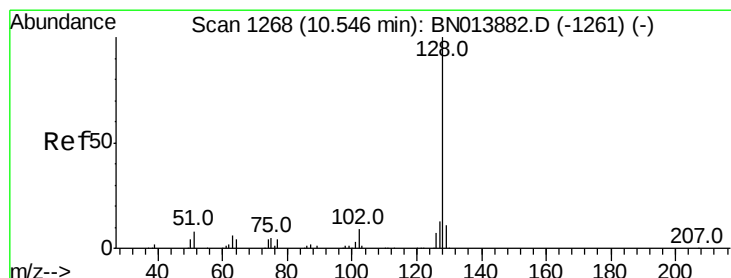
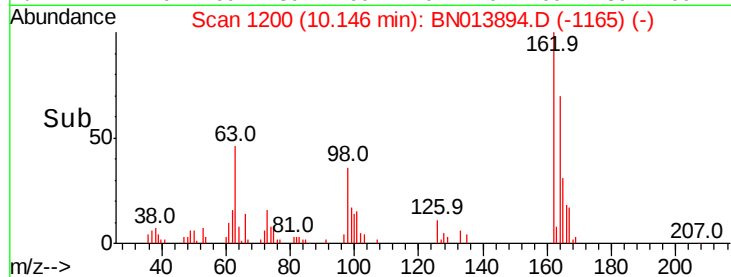
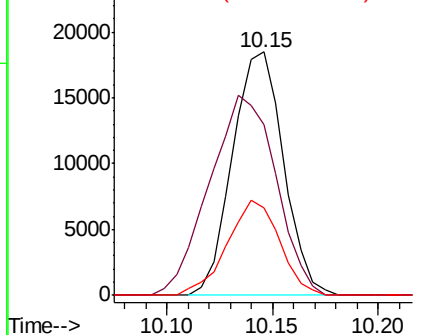


Abundance

Ion 162.00 (161.70 to 162.70): E

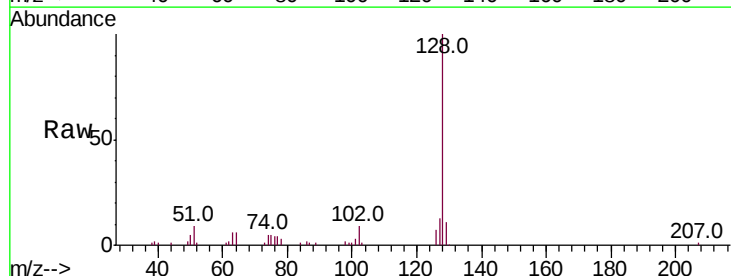
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNO



#28
Naphthalene
Concen: 3.666 ng/ul
RT: 10.55 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BN013894.D
Acq: 09 Mar 2021 16:21

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.9	13.3
127	13.1	10.6	16.0

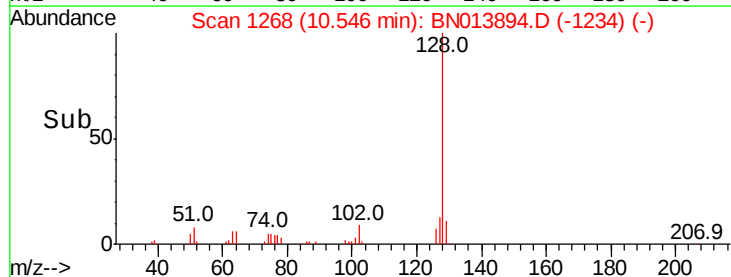
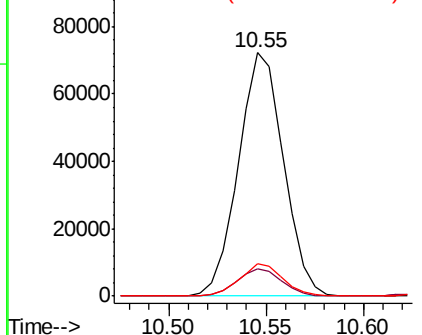


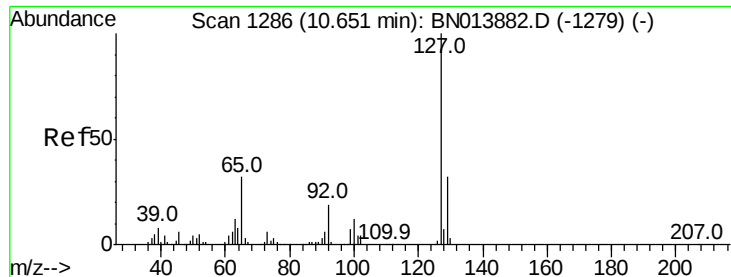
Abundance

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

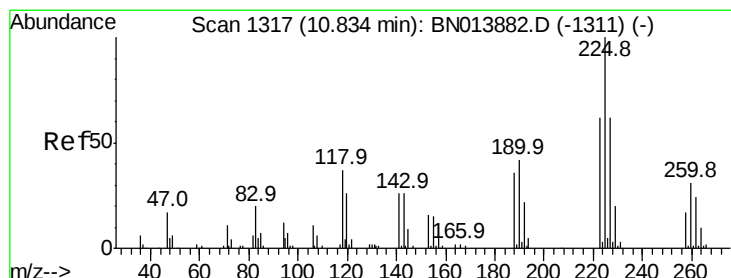
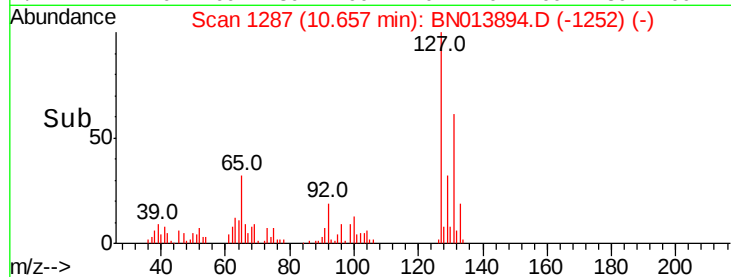
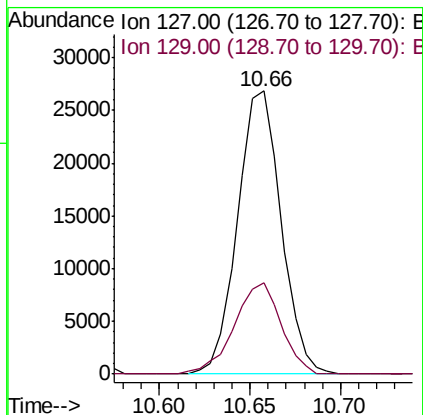
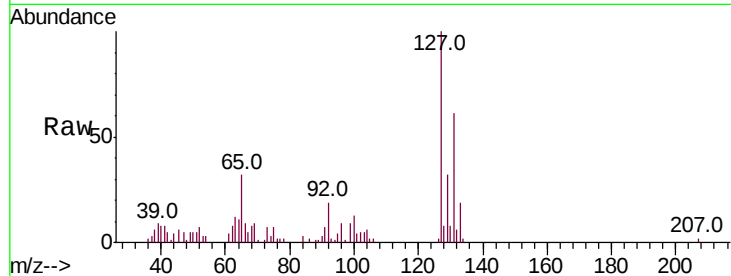




#30
4-Chloroaniline
Concen: 4.109 ng/ul
RT: 10.66 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BN013894.D
Acq: 09 Mar 2021 16:21

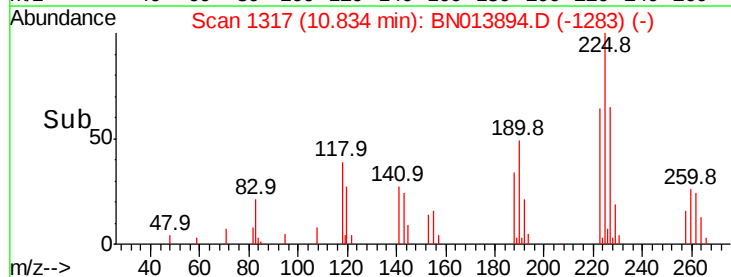
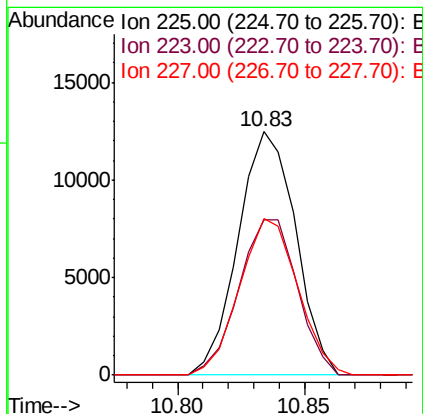
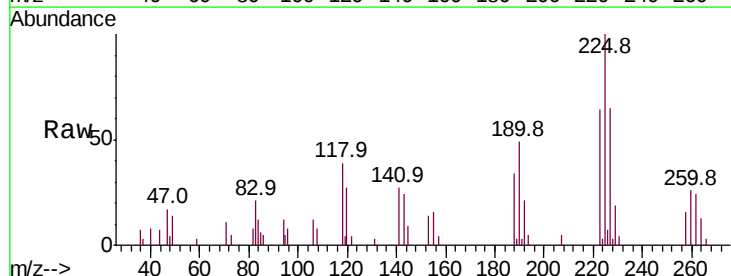
Instrument :
BNA_N
ClientSampleId :
MDL-ME-SOIL-05

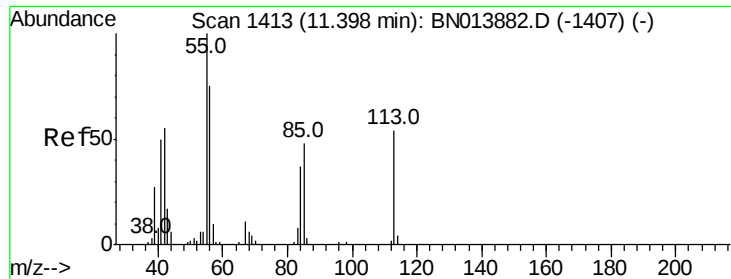
Tot Ion:127 Resp: 44970
Ion Ratio Lower Upper
127 100
129 32.1 26.4 39.6



#31
Hexachlorobutadiene
Concen: 3.543 ng/ul
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BN013894.D
Acq: 09 Mar 2021 16:21

Tgt Ion:225 Resp: 19754
Ion Ratio Lower Upper
225 100
223 63.8 50.6 76.0
227 64.5 51.0 76.4





#32

Caprolactam

Concen: 1.854 ng/ul

RT: 11.42 min Scan# 1416

Delta R.T. 0.02 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-05

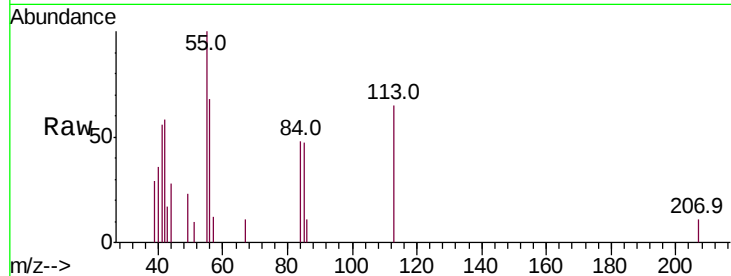
Tot Ion:113 Resp: 4913

Ion Ratio Lower Upper

113 100

55 154.0 145.6 218.4

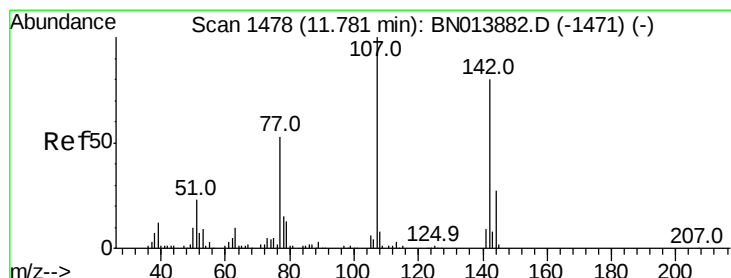
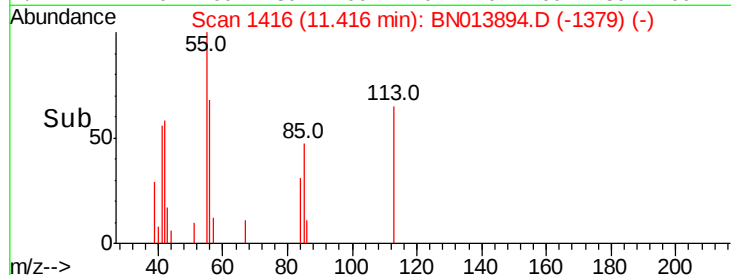
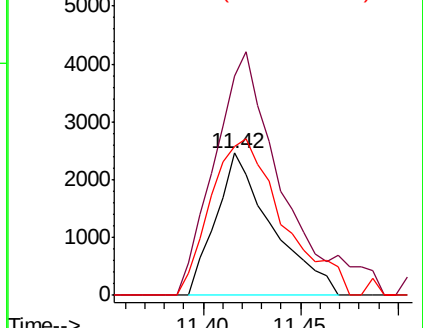
56 104.8 103.3 154.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BN0

Ion 56.00 (55.70 to 56.70): BN0



#33

4-Chloro-3-methylphenol

Concen: 2.813 ng/ul

RT: 11.77 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

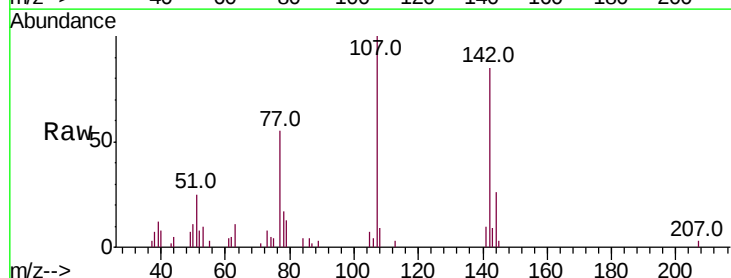
Tgt Ion:107 Resp: 25101

Ion Ratio Lower Upper

107 100

144 25.7 21.6 32.4

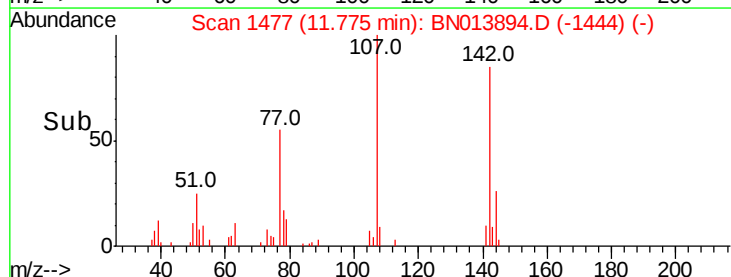
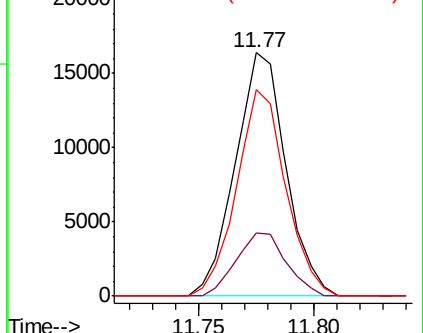
142 84.7 64.0 96.0

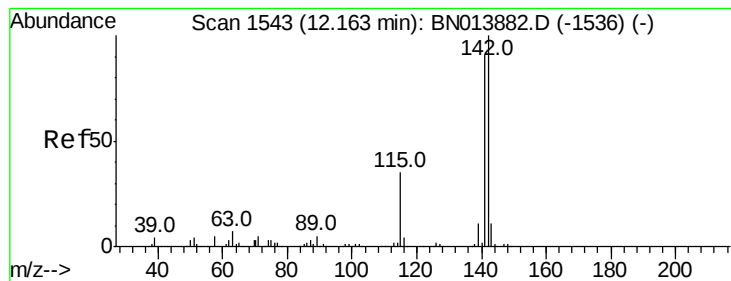


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 3.501 ng/ul

RT: 12.16 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

Instrument :

BNA_N

ClientSampleId :

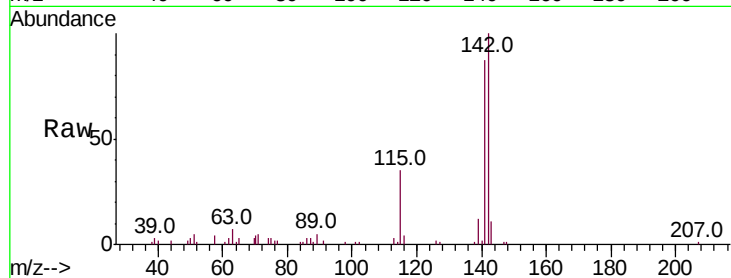
MDL-ME-SOIL-05

Tot Ion:142 Resp: 75544

Ion Ratio Lower Upper

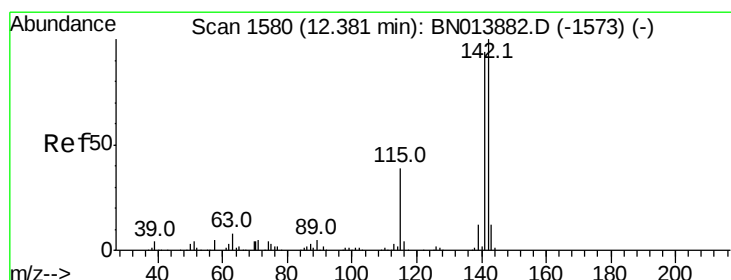
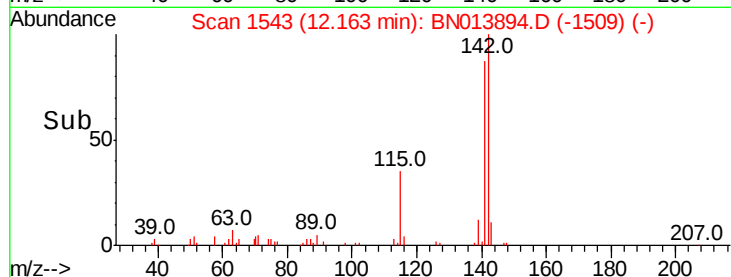
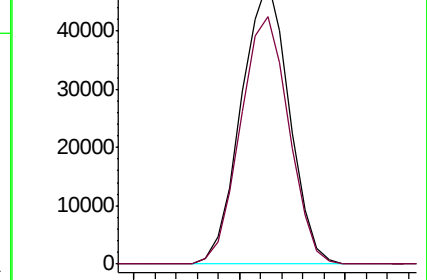
142 100

141 87.4 72.5 108.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 3.579 ng/ul

RT: 12.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BN013894.D

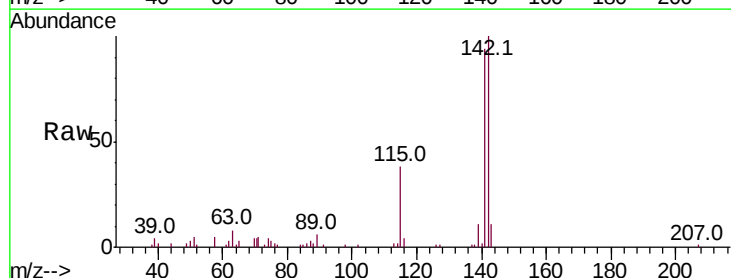
Acq: 09 Mar 2021 16:21

Tgt Ion:142 Resp: 74437

Ion Ratio Lower Upper

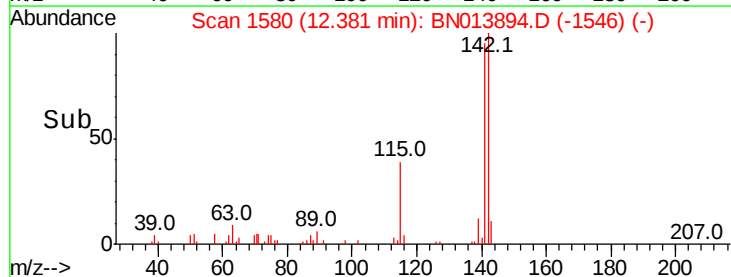
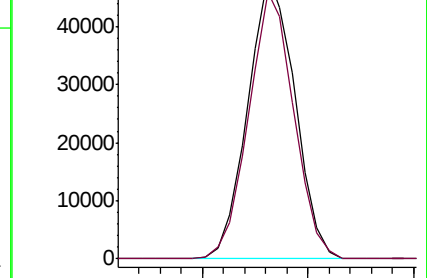
142 100

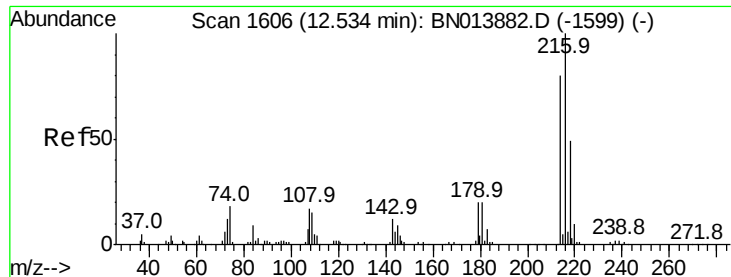
141 94.2 74.3 111.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

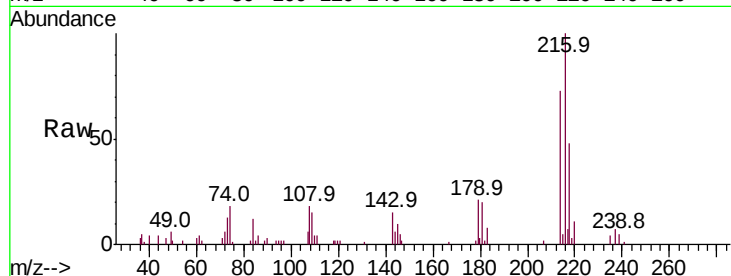




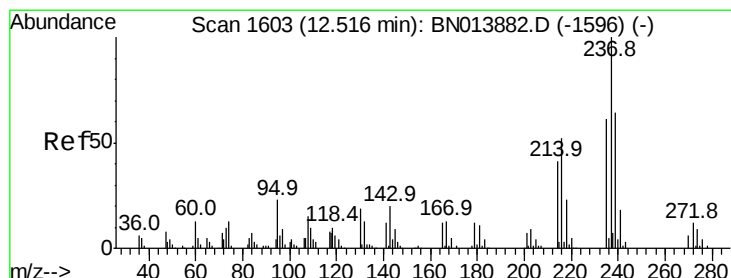
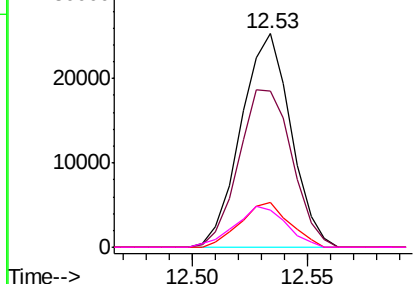
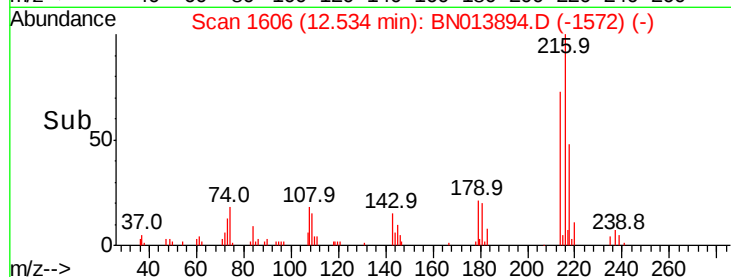
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.539 ng/ul
 RT: 12.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BN013894.D
 Acq: 09 Mar 2021 16:21

Instrument :
 BNA_N
 ClientSampleId :
 MDL-ME-SOIL-05

Tot Ion:	216	Resp:	38154
Ion	Ratio	Lower	Upper
216	100		
214	73.1	63.0	94.6
179	20.8	16.4	24.6
108	17.6	15.5	23.3

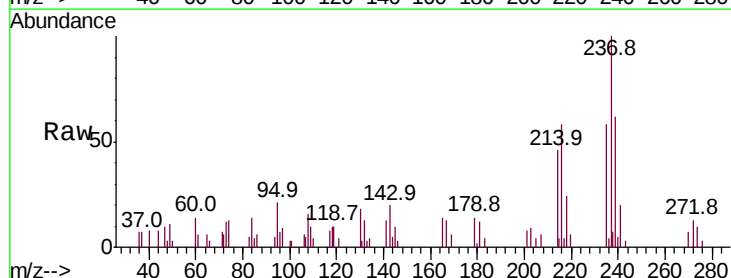


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

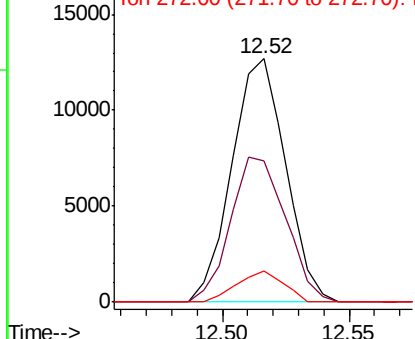
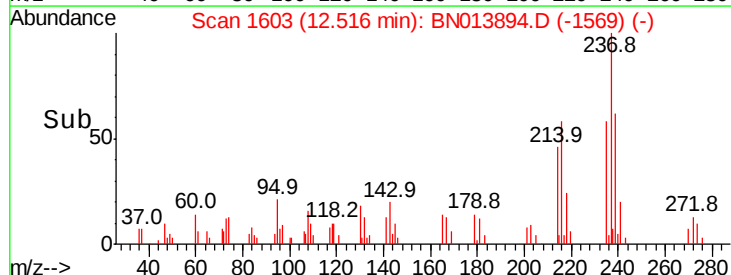


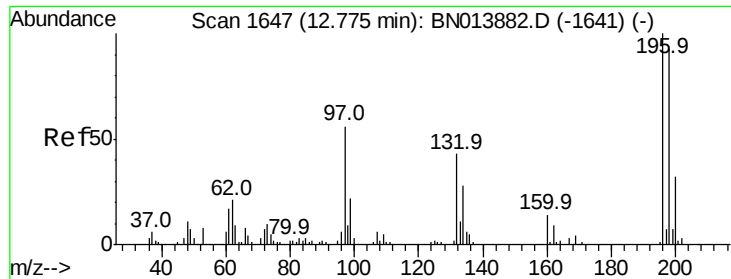
#38
 Hexachlorocyclopentadiene
 Concen: 2.926 ng/ul
 RT: 12.52 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: BN013894.D
 Acq: 09 Mar 2021 16:21

Tgt Ion:	237	Resp:	18781
Ion	Ratio	Lower	Upper
237	100		
235	57.9	51.4	77.0
272	12.7	11.0	16.4



Abundance Ion 237.00 (236.70 to 237.70): E
 Ion 235.00 (234.70 to 235.70): E
 Ion 272.00 (271.70 to 272.70): E

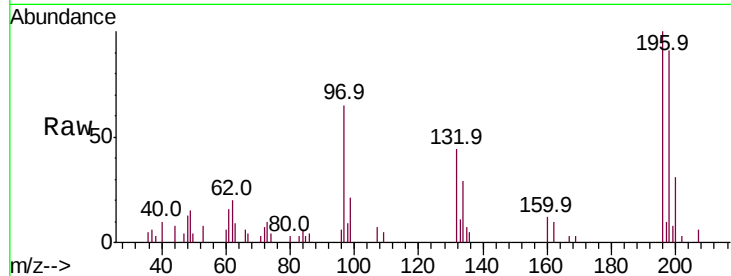




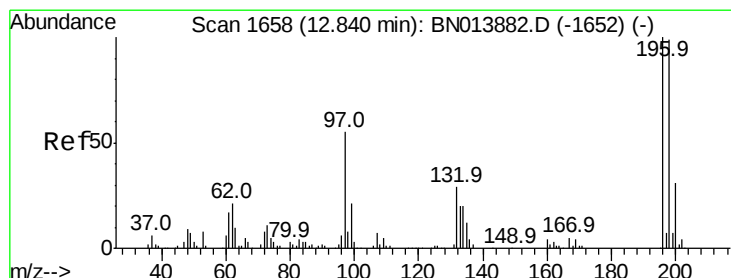
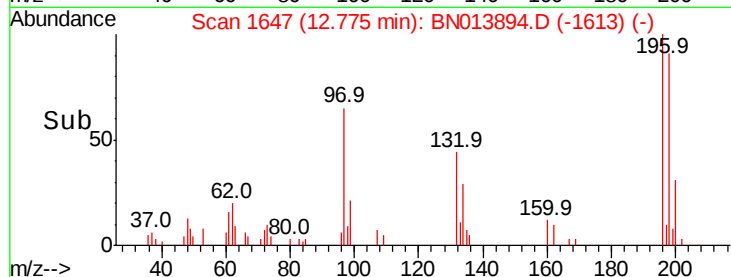
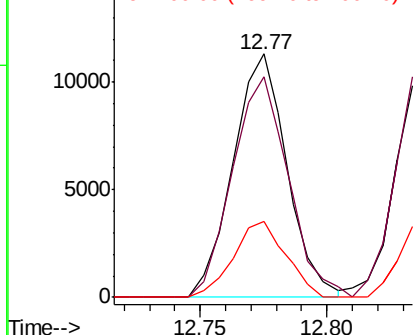
#39
 2,4,6-Trichlorophenol
 Concen: 2.691 ng/ul
 RT: 12.77 min Scan# 1647
 Delta R.T. 0.00 min
 Lab File: BN013894.D
 Acq: 09 Mar 2021 16:21

Instrument :
 BNA_N
 ClientSampleId :
 MDL-ME-SOIL-05

Tot Ion:196 Resp: 16744
 Ion Ratio Lower Upper
 196 100
 198 90.8 78.6 118.0
 200 31.1 23.7 35.5

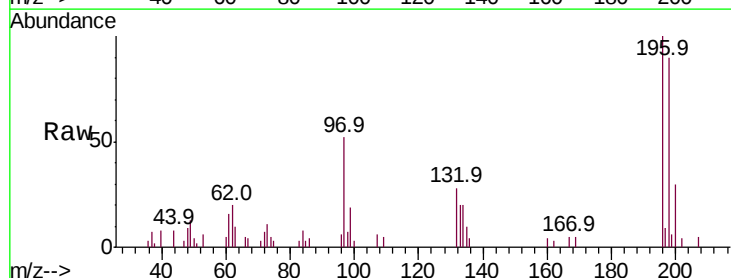


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

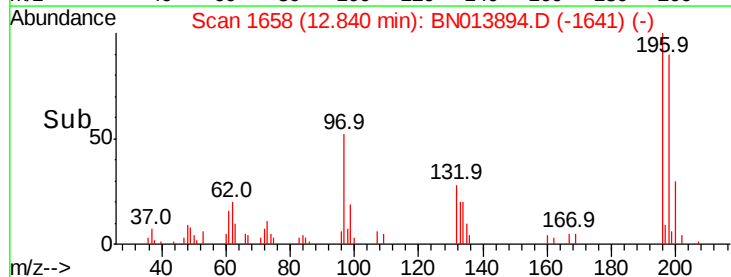
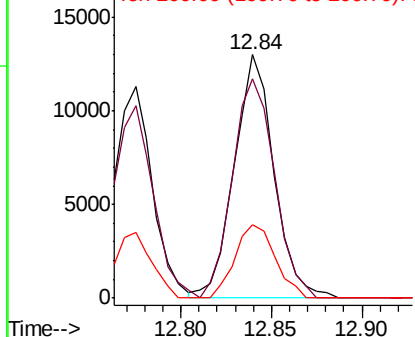


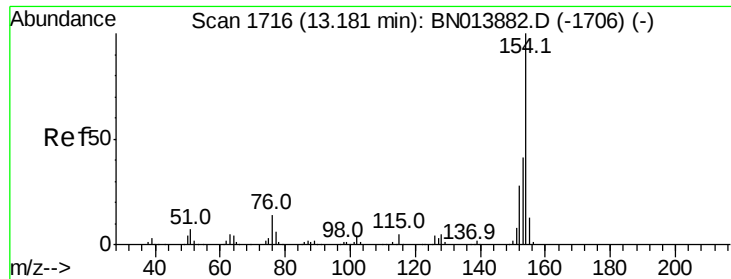
#40
 2,4,5-Trichlorophenol
 Concen: 2.909 ng/ul
 RT: 12.84 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: BN013894.D
 Acq: 09 Mar 2021 16:21

Tgt Ion:196 Resp: 19861
 Ion Ratio Lower Upper
 196 100
 198 90.0 73.3 109.9
 200 30.2 24.0 36.0



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

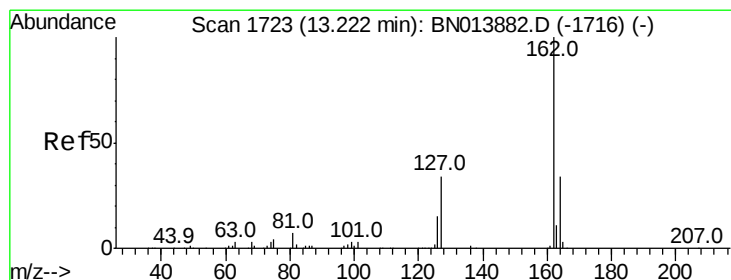
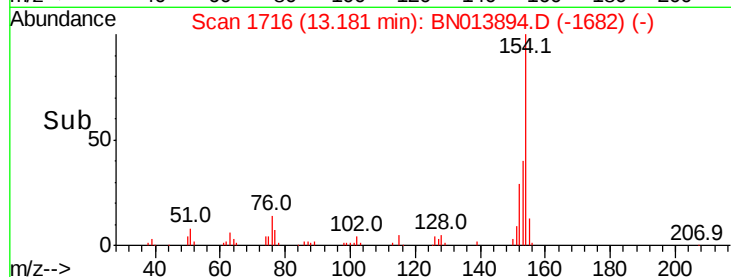
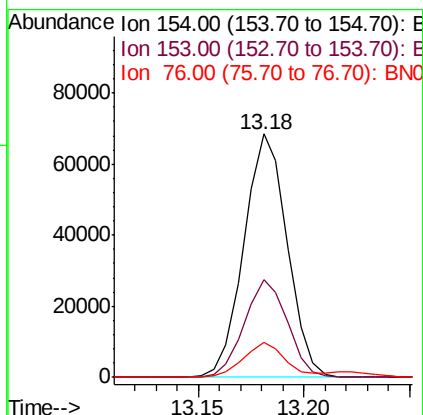
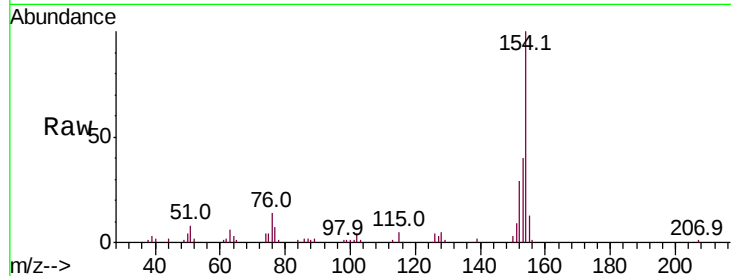




#41
 1,1'-Biphenyl
 Concen: 3.605 ng/ul
 RT: 13.18 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BN013894.D
 Acq: 09 Mar 2021 16:21

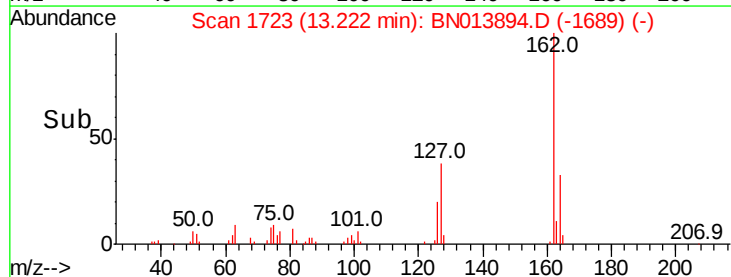
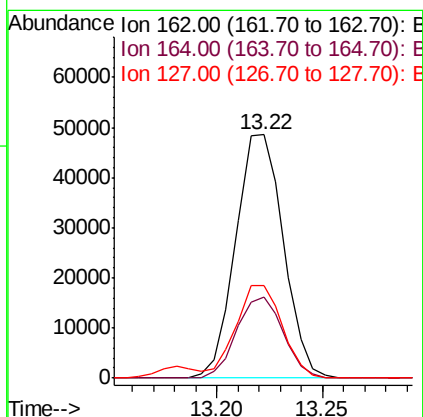
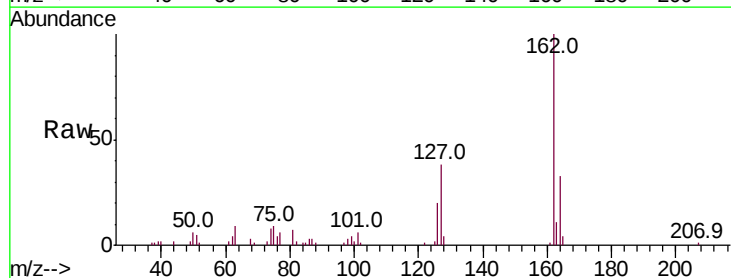
Instrument :
 BNA_N
 ClientSampleId :
 MDL-ME-SOIL-05

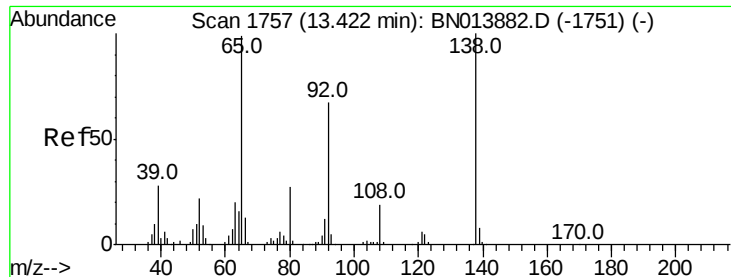
Tot Ion:154 Resp: 97084
 Ion Ratio Lower Upper
 154 100
 153 40.0 31.8 47.6
 76 14.4 11.0 16.6



#42
 2-Chloronaphthalene
 Concen: 3.619 ng/ul
 RT: 13.22 min Scan# 1723
 Delta R.T. 0.00 min
 Lab File: BN013894.D
 Acq: 09 Mar 2021 16:21

Tgt Ion:162 Resp: 76181
 Ion Ratio Lower Upper
 162 100
 164 33.5 25.3 37.9
 127 37.8 30.9 46.3





#43

2-Nitroaniline

Concen: 2.505 ng/ul

RT: 13.42 min Scan# 1757

Delta R.T. 0.00 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-05

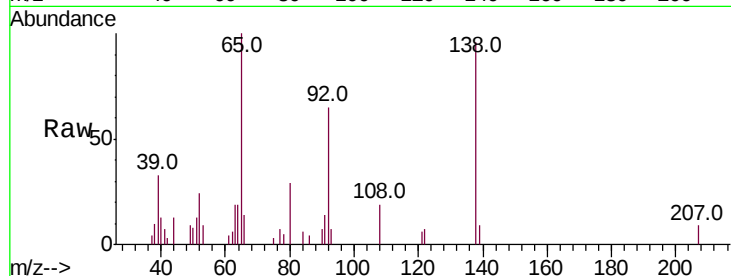
Tot Ion: 65 Resp: 13672

Ion Ratio Lower Upper

65 100

92 65.2 53.4 80.2

138 95.6 81.6 122.4

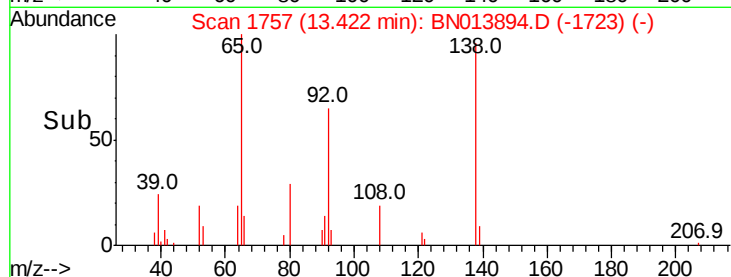


Abundance Ion 65.00 (64.70 to 65.70): BN013882.D (-1751) (-)

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

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

Time-->

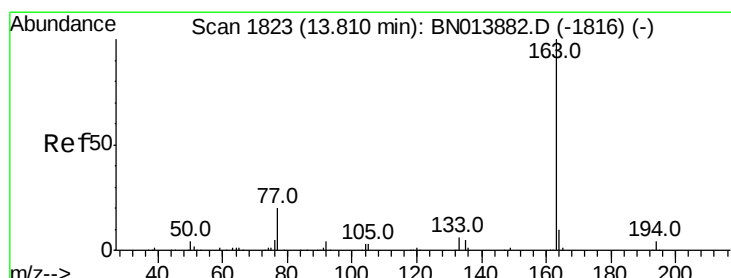


Abundance Ion 65.00 (64.70 to 65.70): BN013894.D (-1723) (-)

Ion 92.00 (91.70 to 92.70): BN013894.D (-1723) (-)

Ion 138.00 (137.70 to 138.70): BN013894.D (-1723) (-)

Time-->



#45

Dimethylphthalate

Concen: 3.524 ng/ul

RT: 13.81 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

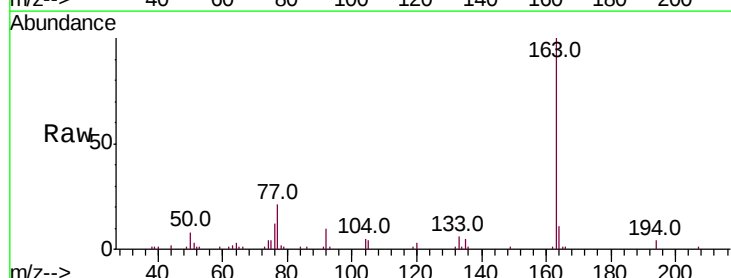
Tgt Ion:163 Resp: 87678

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

164 10.7 8.3 12.5

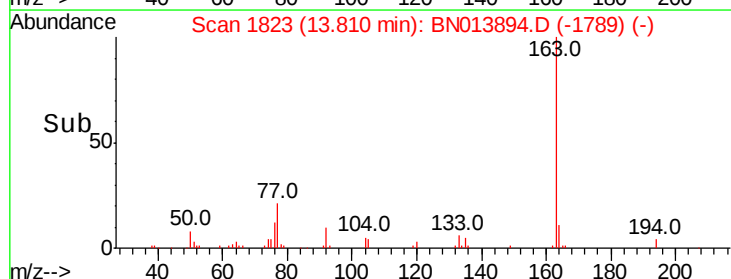


Abundance Ion 163.00 (162.70 to 163.70): BN013882.D (-1816) (-)

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

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

Time-->

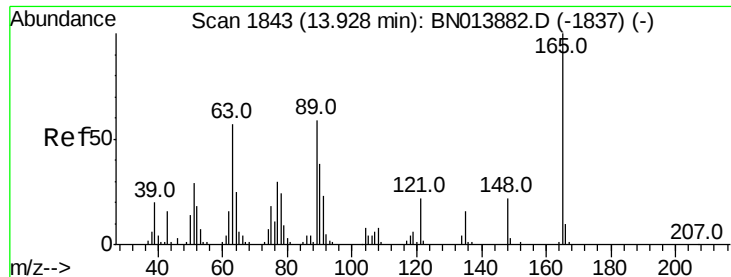


Abundance Ion 163.00 (162.70 to 163.70): BN013894.D (-1789) (-)

Ion 194.00 (193.70 to 194.70): BN013894.D (-1789) (-)

Ion 164.00 (163.70 to 164.70): BN013894.D (-1789) (-)

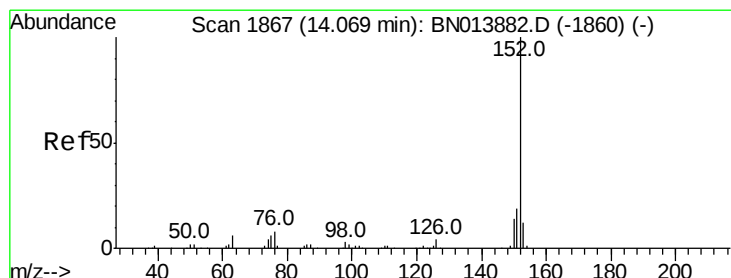
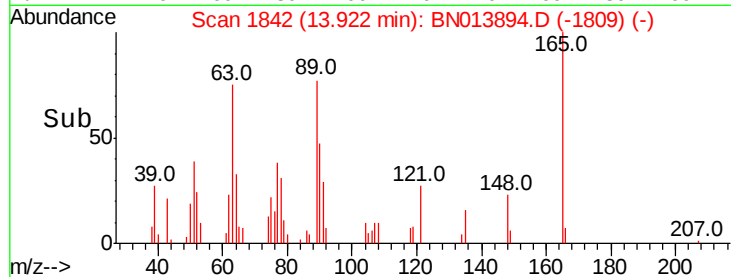
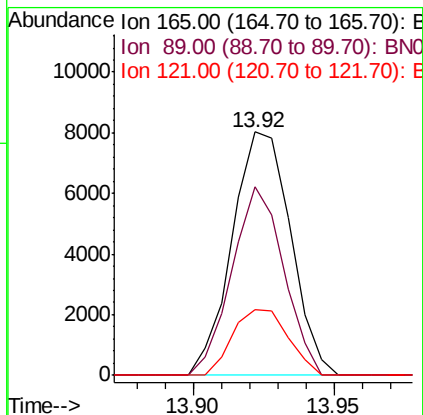
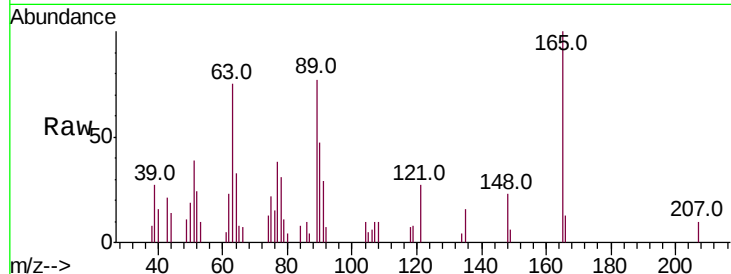
Time-->



#46
 2,6-Dinitrotoluene
 Concen: 2.589 ng/ul
 RT: 13.92 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: BN013894.D
 Acq: 09 Mar 2021 16:21

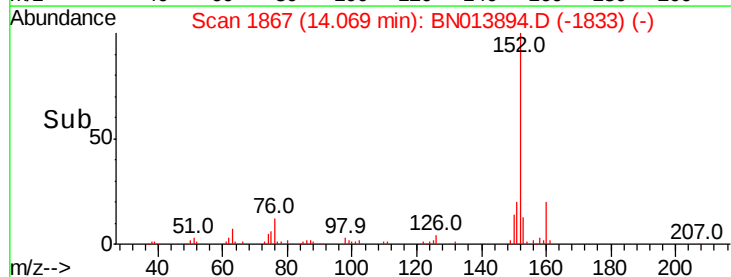
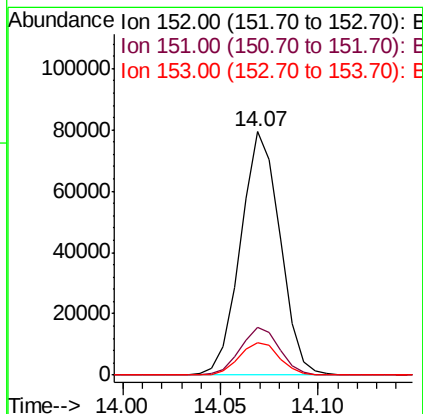
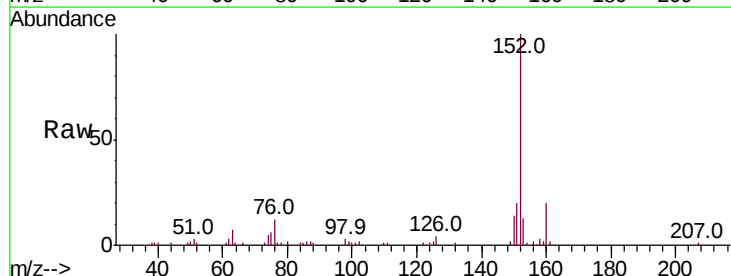
Instrument :
 BNA_N
 ClientSampleId :
 MDL-ME-SOIL-05

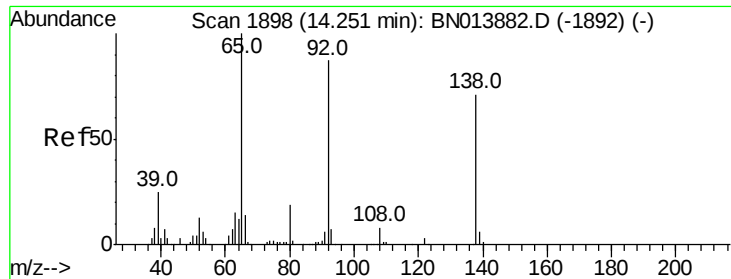
Tot Ion:165 Resp: 11546
 Ion Ratio Lower Upper
 165 100
 89 77.4 51.8 77.8
 121 27.0 18.6 28.0



#48
 Acenaphthylene
 Concen: 3.617 ng/ul
 RT: 14.07 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: BN013894.D
 Acq: 09 Mar 2021 16:21

Tgt Ion:152 Resp: 111514
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.0 24.0
 153 13.1 10.5 15.7





#49

3-Nitroaniline

Concen: 2.704 ng/ul

RT: 14.25 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-05

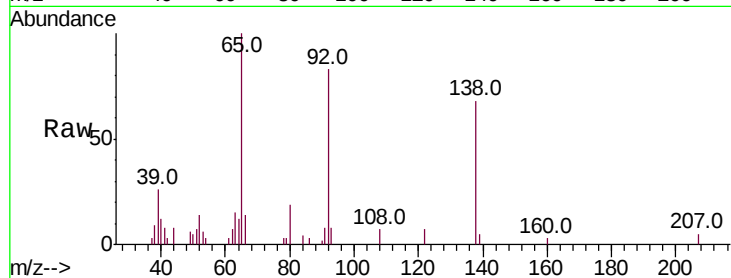
Tot Ion:138 Resp: 13112

Ion Ratio Lower Upper

138 100

108 10.8 8.6 12.8

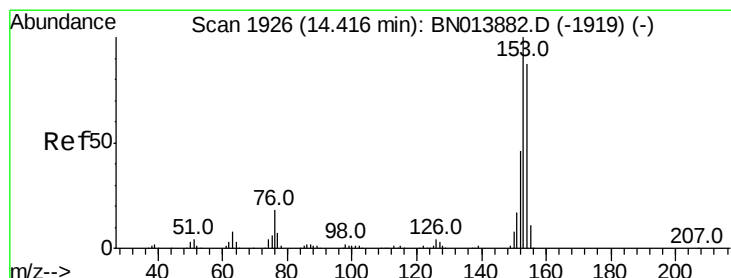
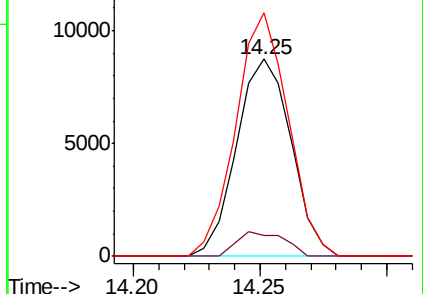
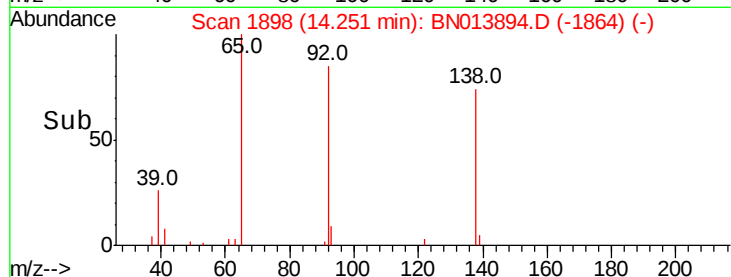
92 123.6 93.0 139.4



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: 3.600 ng/ul

RT: 14.42 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

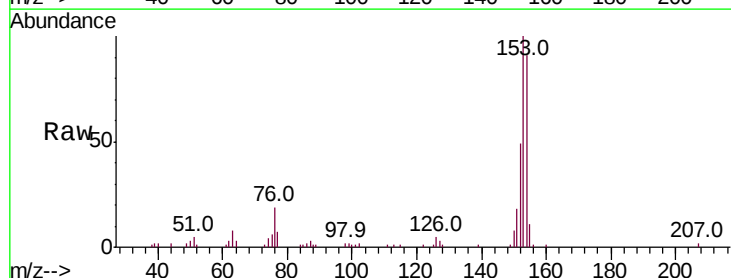
Tgt Ion:153 Resp: 80971

Ion Ratio Lower Upper

153 100

152 49.2 37.4 56.0

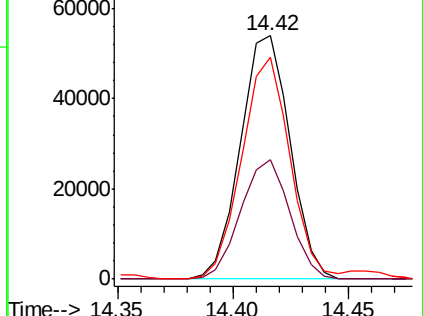
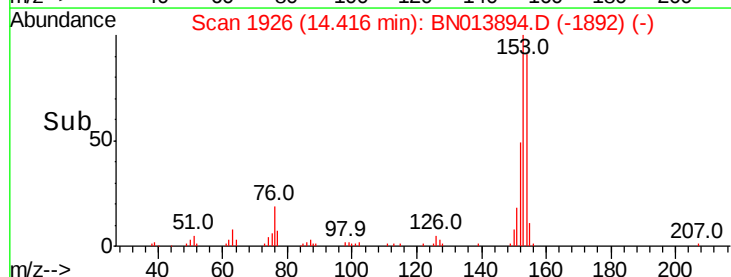
154 91.3 68.4 102.6

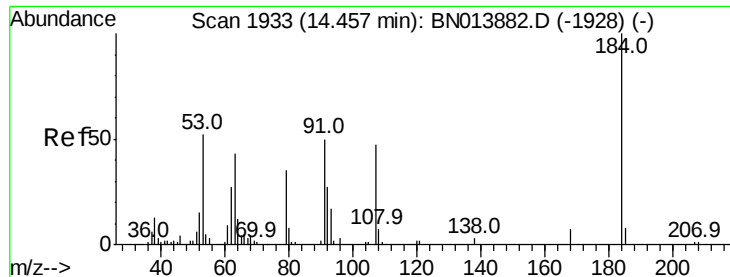


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

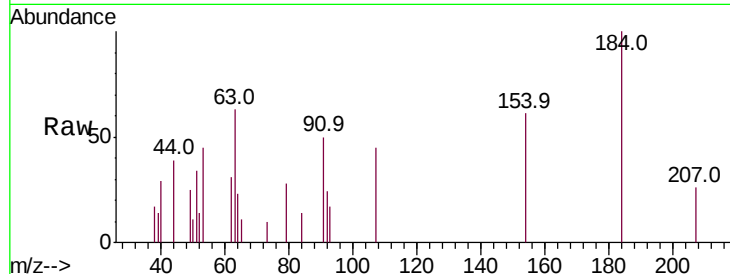




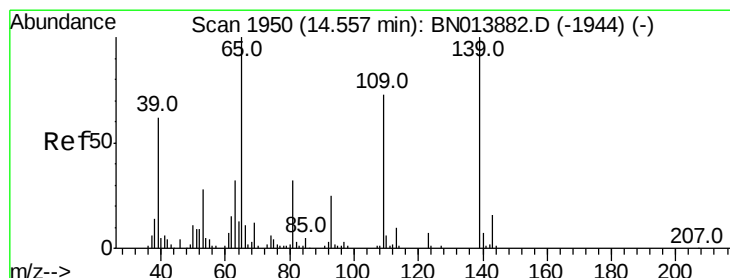
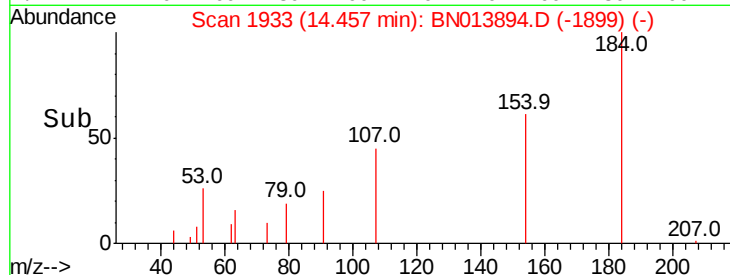
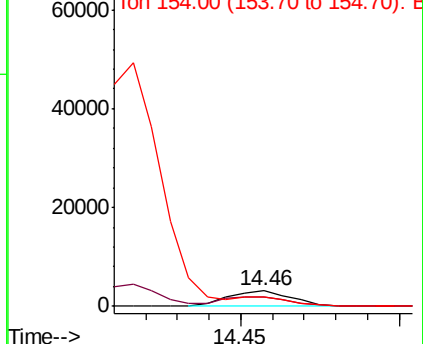
#51
 2,4-Dinitrophenol
 Concen: 1.822 ng/ul
 RT: 14.46 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: BN013894.D
 Acq: 09 Mar 2021 16:21

Instrument :
 BNA_N
 ClientSampleId :
 MDL-ME-SOIL-05

Tot Ion:184 Resp: 4276
 Ion Ratio Lower Upper
 184 100
 63 62.5 58.4 87.6
 154 60.7 49.4 74.2

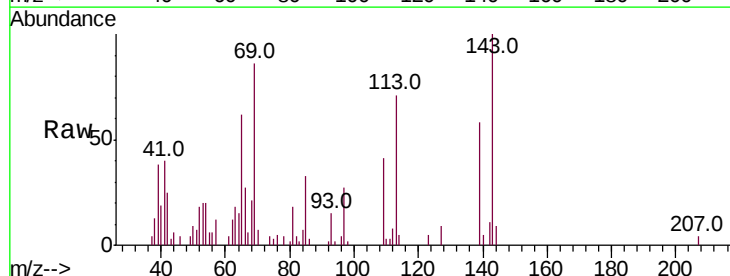


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BNO
 Ion 154.00 (153.70 to 154.70): E

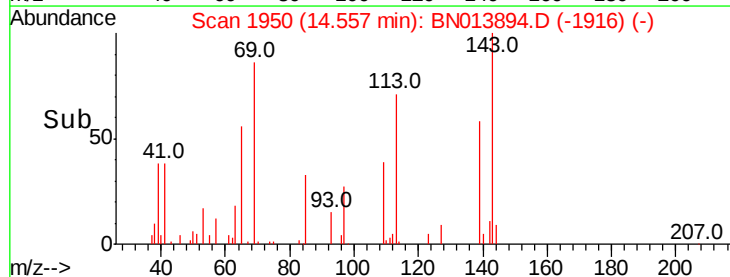
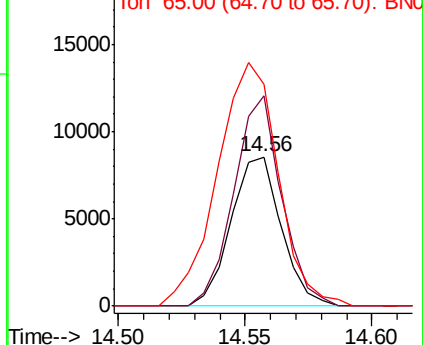


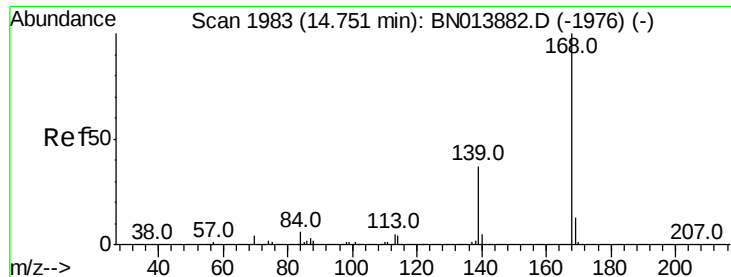
#53
 4-Nitrophenol
 Concen: 3.259 ng/ul
 RT: 14.56 min Scan# 1950
 Delta R.T. 0.00 min
 Lab File: BN013894.D
 Acq: 09 Mar 2021 16:21

Tgt Ion:109 Resp: 11841
 Ion Ratio Lower Upper
 109 100
 139 141.2 104.1 156.1
 65 148.9 108.2 162.4



Abundance Ion 109.00 (108.70 to 109.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 65.00 (64.70 to 65.70): BNO





#54

Dibenzenofuran

Concen: 3.631 ng/ul

RT: 14.75 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

Instrument :

BNA_N

ClientSampleId :

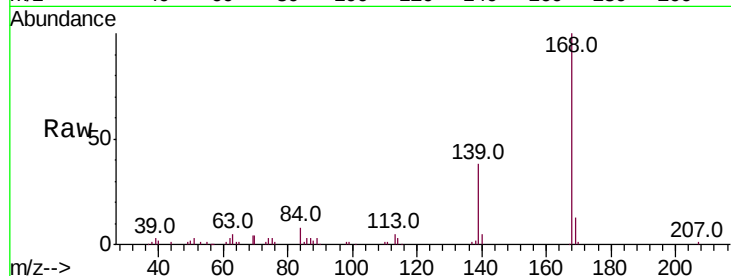
MDL-ME-SOIL-05

Tot Ion:168 Resp: 112587

Ion Ratio Lower Upper

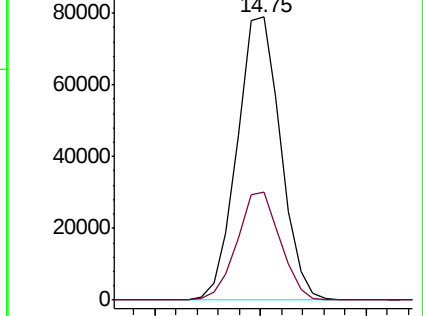
168 100

139 38.0 30.6 45.8

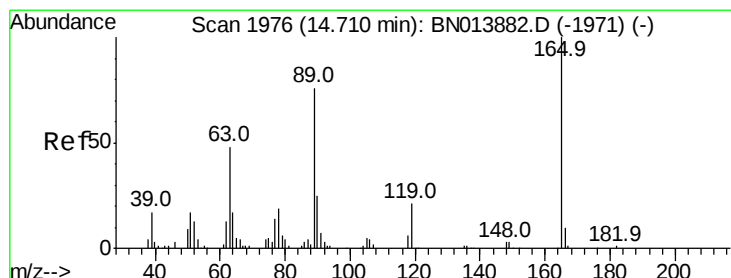
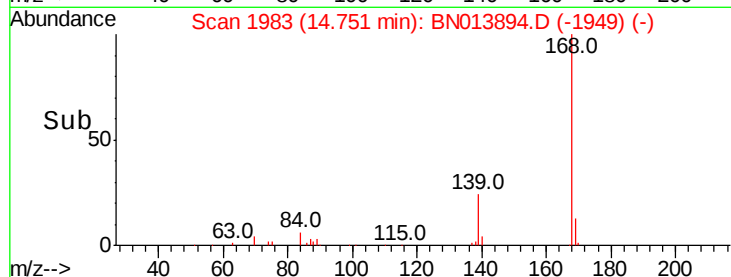


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#55

2,4-Dinitrotoluene

Concen: 2.955 ng/ul

RT: 14.71 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

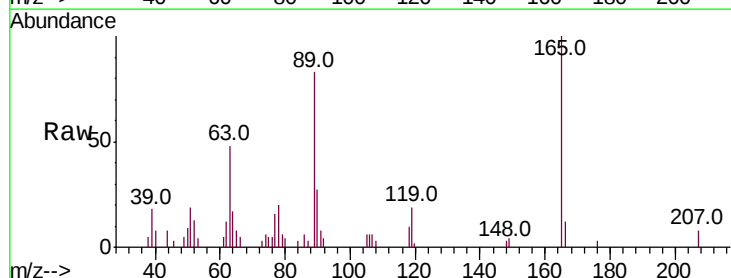
Tgt Ion:165 Resp: 18822

Ion Ratio Lower Upper

165 100

63 47.9 40.2 60.2

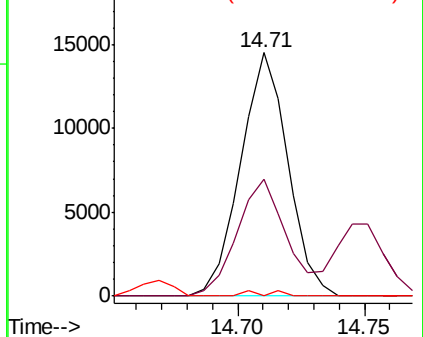
182 0.0 2.2 3.4#



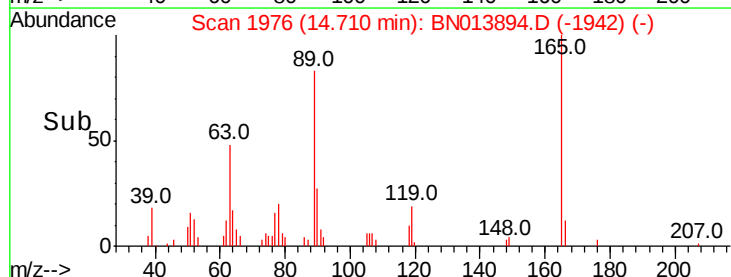
Abundance Ion 165.00 (164.70 to 165.70): E

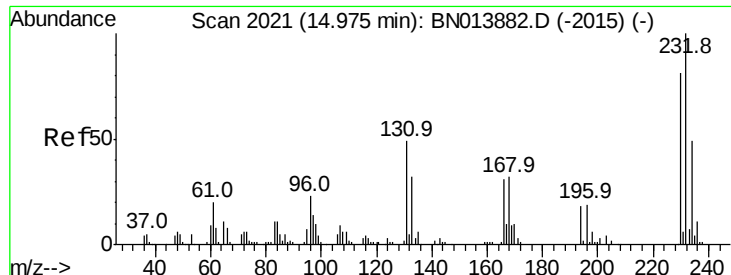
Ion 63.00 (62.70 to 63.70): BN0

Ion 182.00 (181.70 to 182.70): E



Time-->

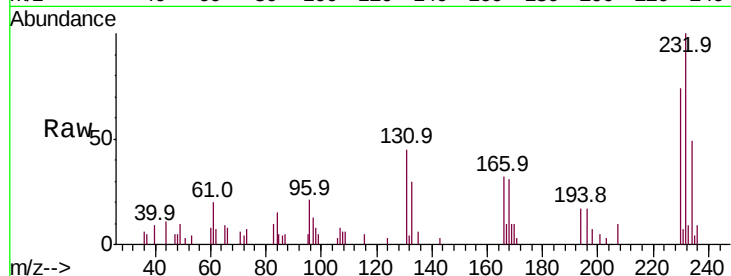




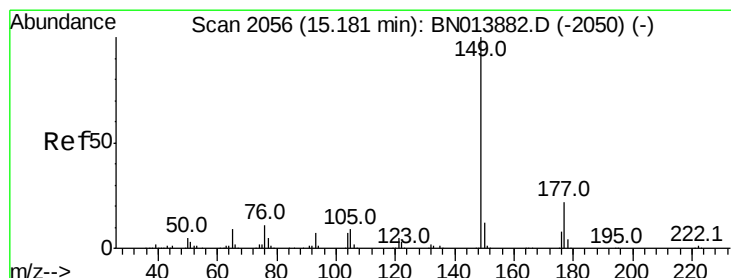
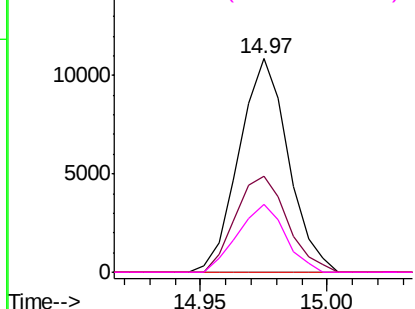
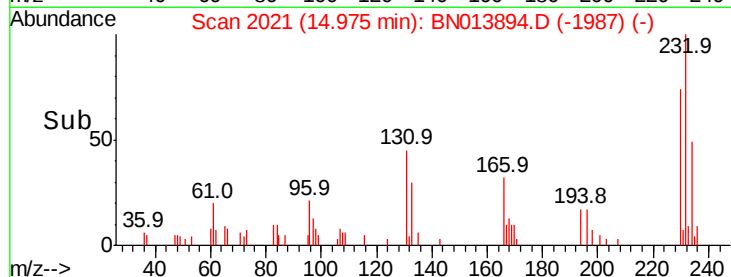
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 2.787 ng/ul
 RT: 14.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BN013894.D
 Acq: 09 Mar 2021 16:21

Instrument :
 BNA_N
 ClientSampleId :
 MDL-ME-SOIL-05

Tot Ion:232 Resp: 14686
 Ion Ratio Lower Upper
 232 100
 131 45.0 37.4 56.2
 130 0.0 1.9 2.9#
 166 31.7 24.7 37.1

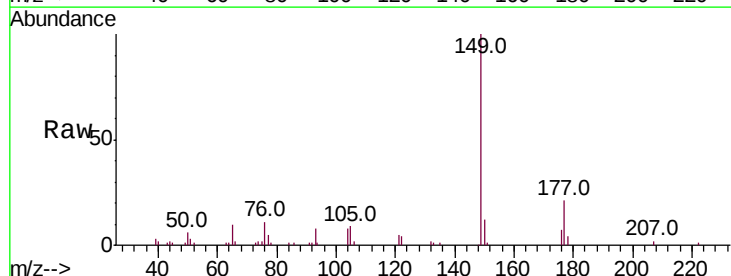


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

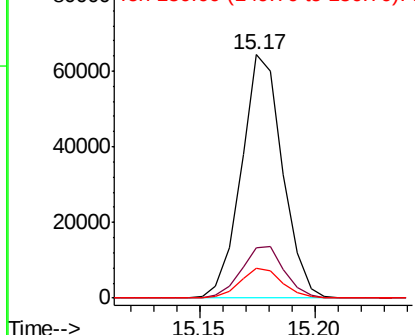
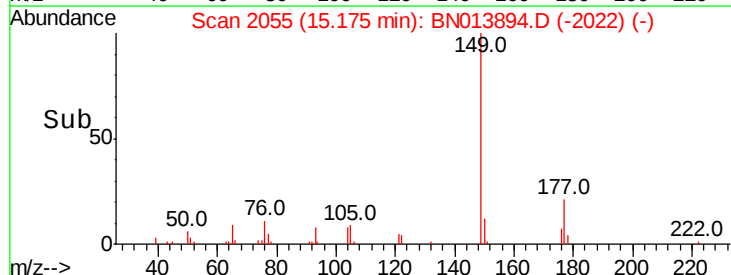


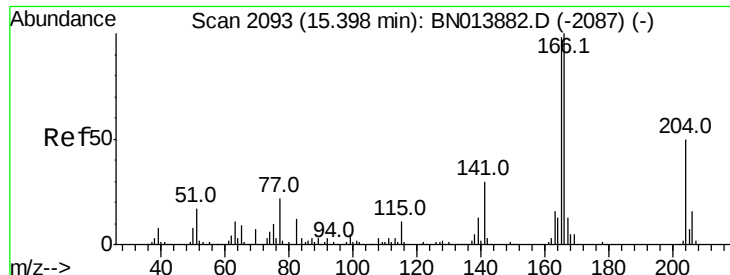
#57
 Diethylphthalate
 Concen: 3.220 ng/ul
 RT: 15.17 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BN013894.D
 Acq: 09 Mar 2021 16:21

Tgt Ion:149 Resp: 80082
 Ion Ratio Lower Upper
 149 100
 177 20.9 17.7 26.5
 150 12.3 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: 3.609 ng/ul

RT: 15.40 min Scan# 2093

Delta R.T. 0.00 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-05

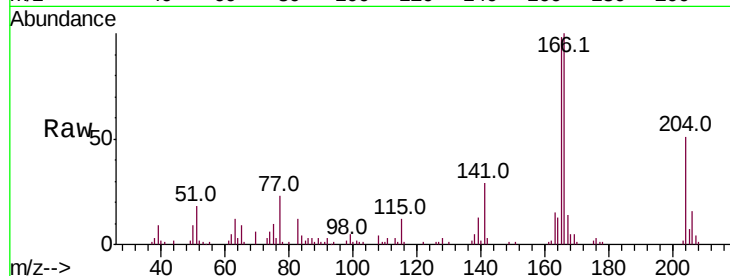
Tot Ion:166 Resp: 91068

Ion Ratio Lower Upper

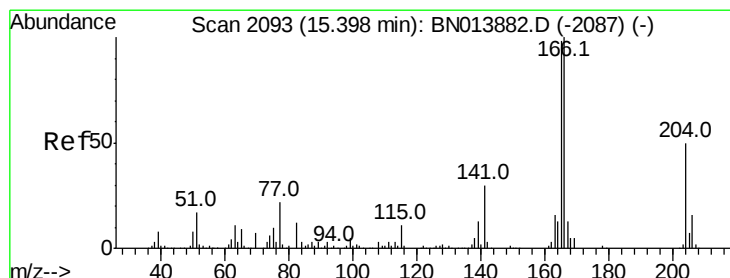
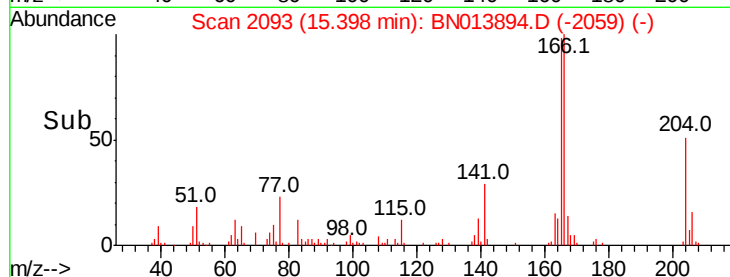
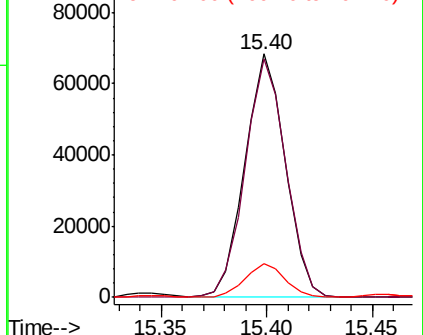
166 100

165 98.0 79.5 119.3

167 13.9 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: 3.770 ng/ul

RT: 15.40 min Scan# 2093

Delta R.T. 0.00 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

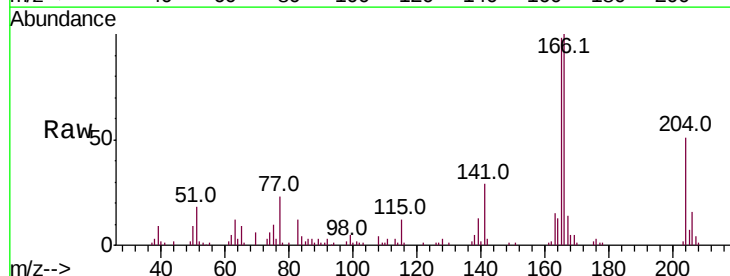
Tgt Ion:204 Resp: 45638

Ion Ratio Lower Upper

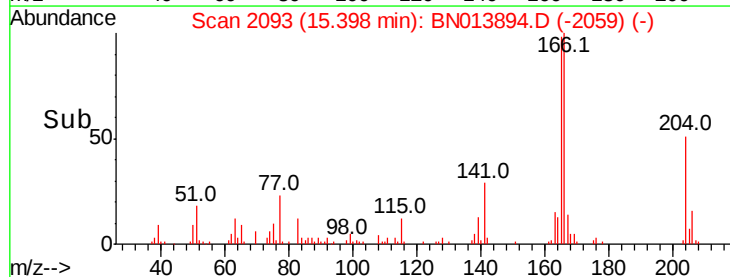
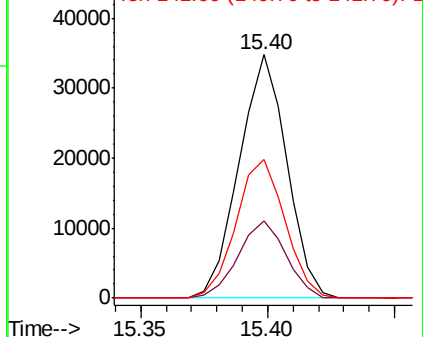
204 100

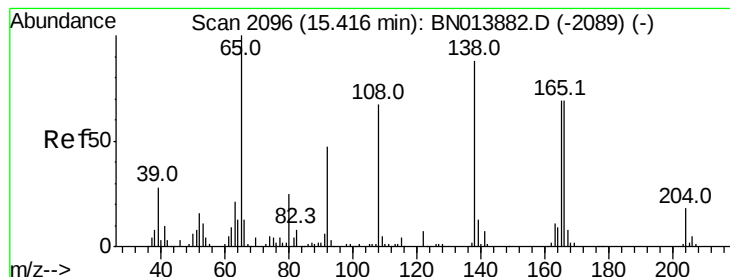
206 32.0 24.6 37.0

141 57.2 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: 2.501 ng/ul

RT: 15.41 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-05

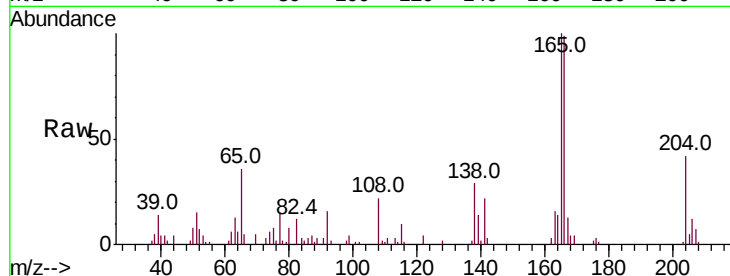
Tot Ion:138 Resp: 13891

Ion Ratio Lower Upper

138 100

92 54.9 38.6 57.8

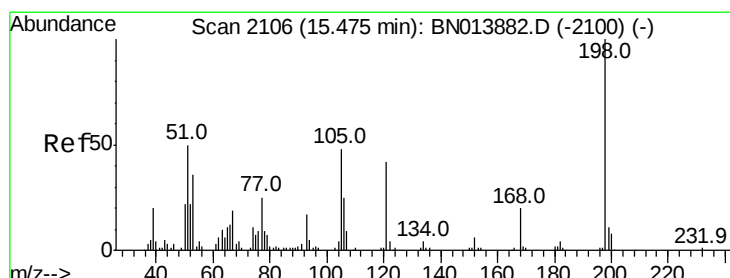
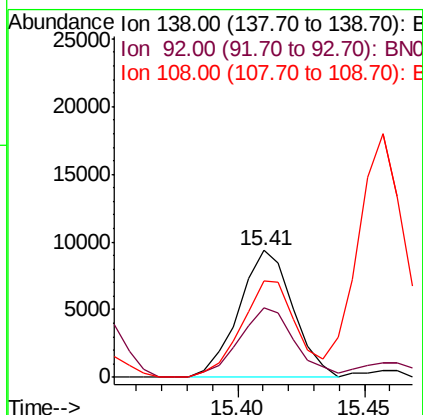
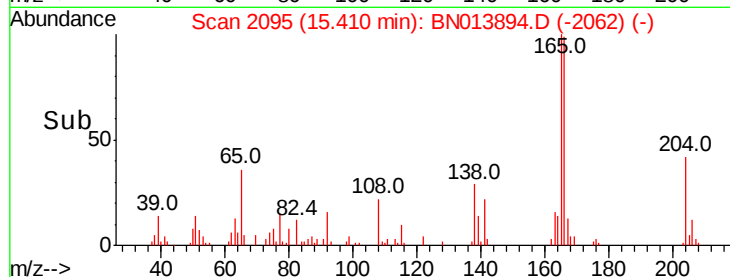
108 75.8 59.8 89.8



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: 2.921 ng/ul

RT: 15.47 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

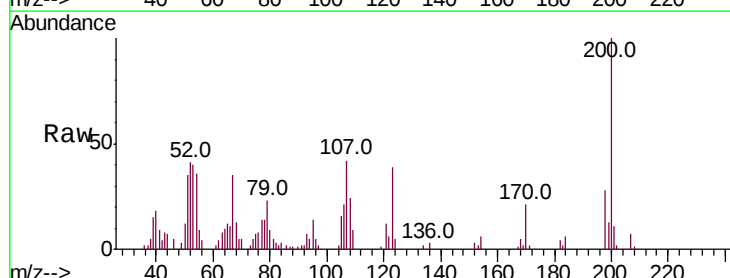
Tgt Ion:198 Resp: 10547

Ion Ratio Lower Upper

198 100

182 13.5 3.5 5.3#

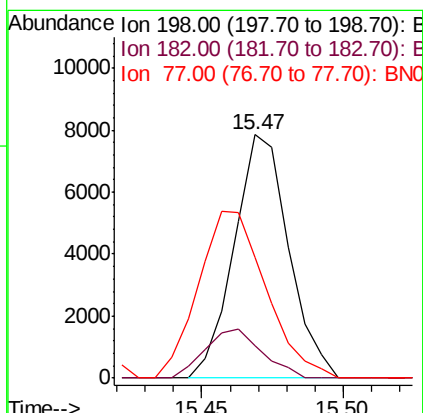
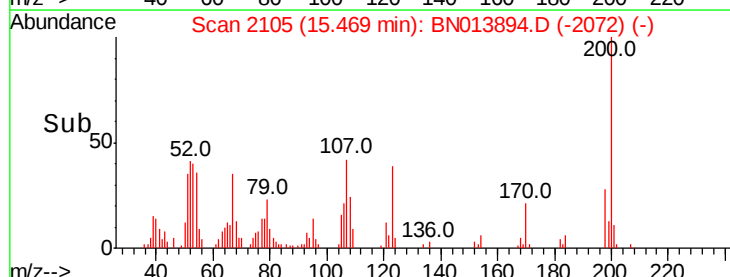
77 49.3 22.2 33.4#

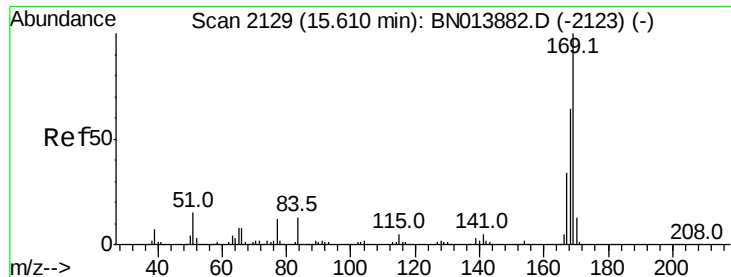


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BNO





#65

N-Nitrosodiphenylamine

Concen: 3.375 ng/ul

RT: 15.61 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-05

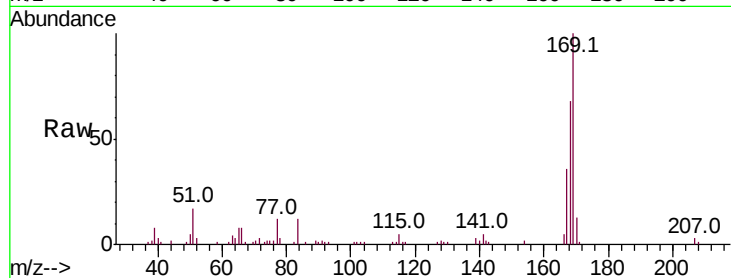
Tot Ion:169 Resp: 71677

Ion Ratio Lower Upper

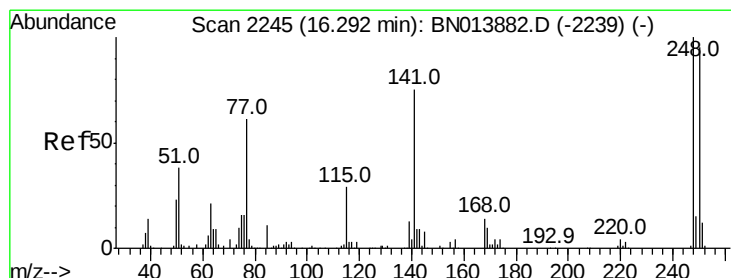
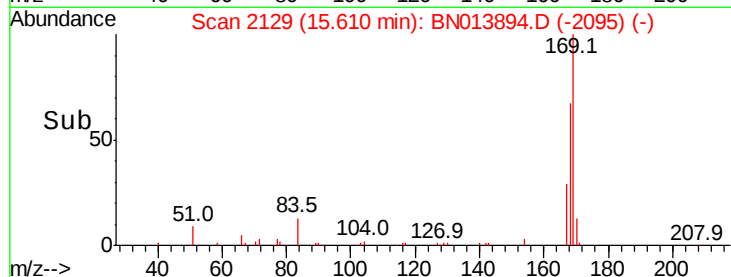
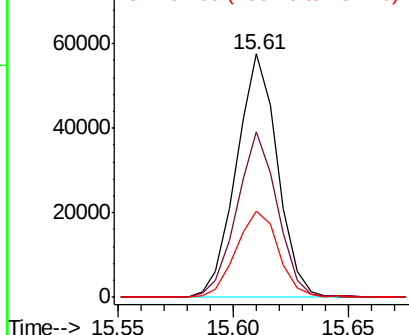
169 100

168 67.9 54.7 82.1

167 35.6 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: 3.299 ng/ul

RT: 16.29 min Scan# 2245

Delta R.T. 0.00 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

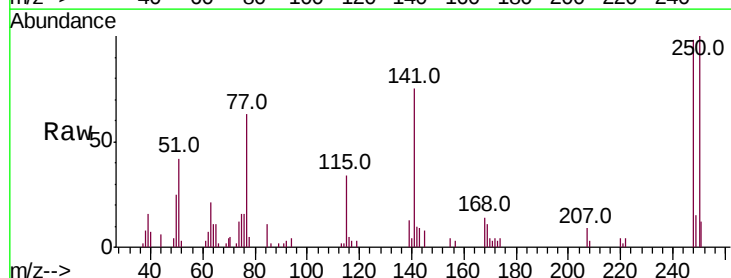
Tgt Ion:248 Resp: 23303

Ion Ratio Lower Upper

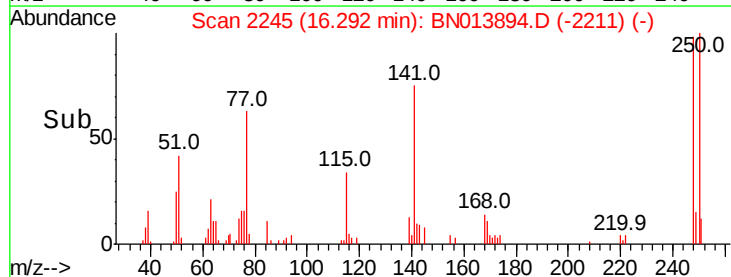
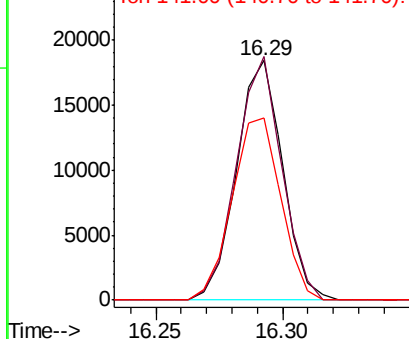
248 100

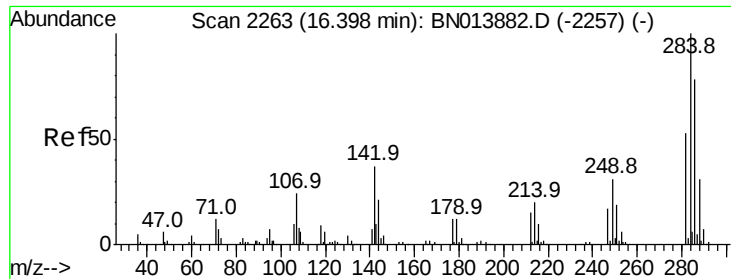
250 101.6 76.6 115.0

141 75.8 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

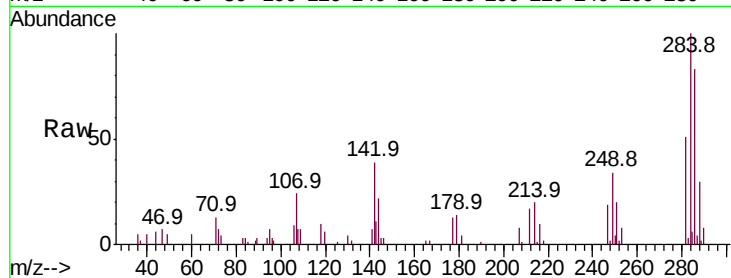




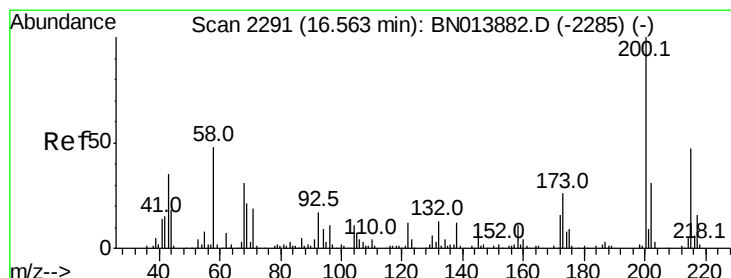
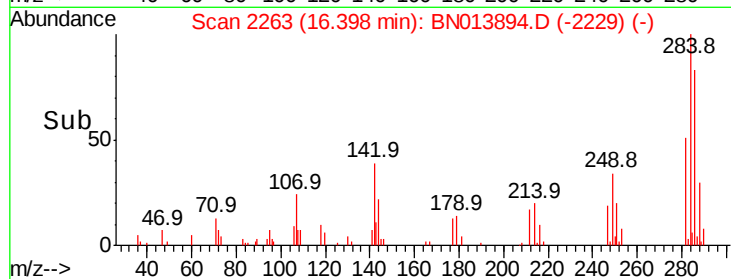
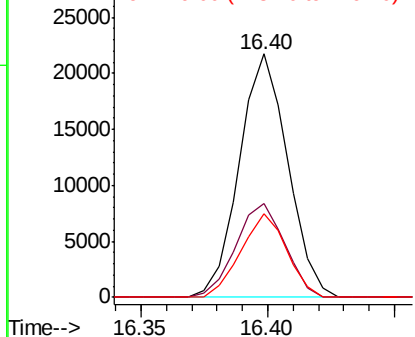
#67
Hexachlorobenzene
Concen: 3.426 ng/ul
RT: 16.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BN013894.D
Acq: 09 Mar 2021 16:21

Instrument :
BNA_N
ClientSampleId :
MDL-ME-SOIL-05

Tot Ion:284 Resp: 28906
Ion Ratio Lower Upper
284 100
142 38.7 29.2 43.8
249 34.4 23.5 35.3

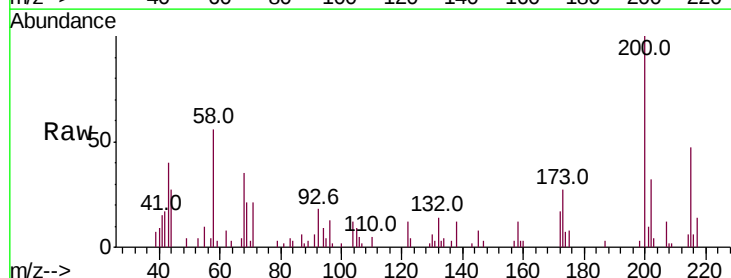


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

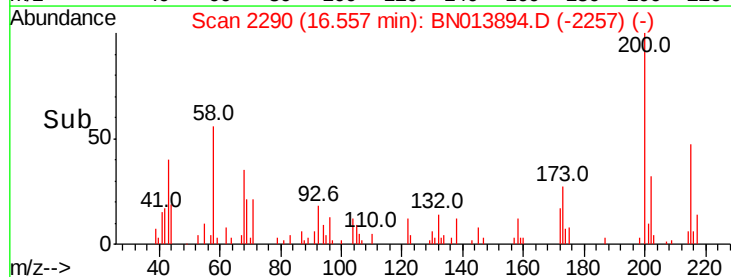
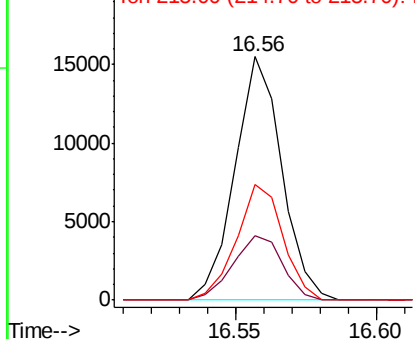


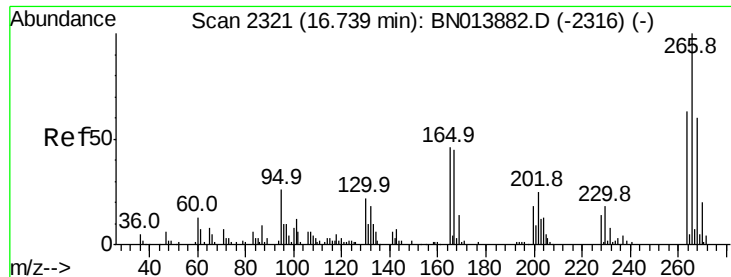
#68
Atrazine
Concen: 2.430 ng/ul
RT: 16.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BN013894.D
Acq: 09 Mar 2021 16:21

Tgt Ion:200 Resp: 17829
Ion Ratio Lower Upper
200 100
173 26.6 21.2 31.8
215 47.3 34.0 51.0



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

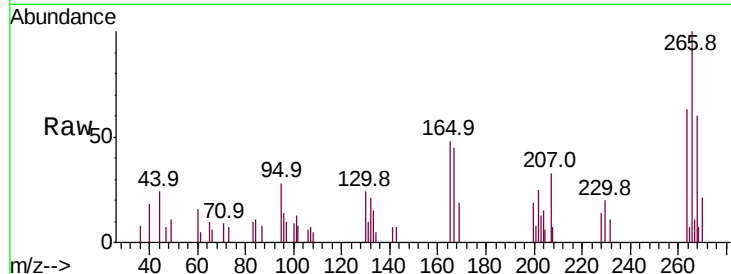




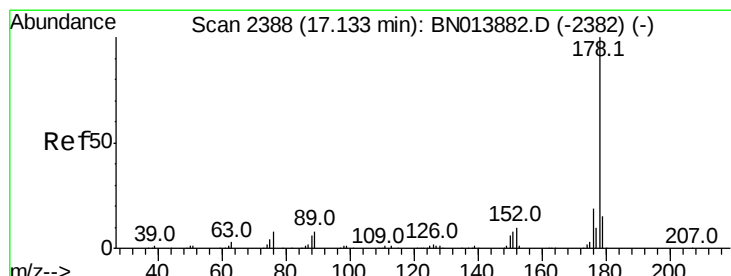
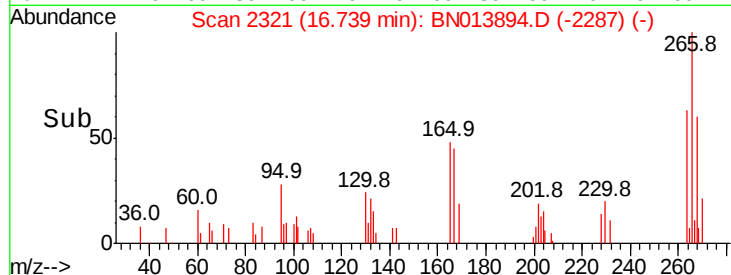
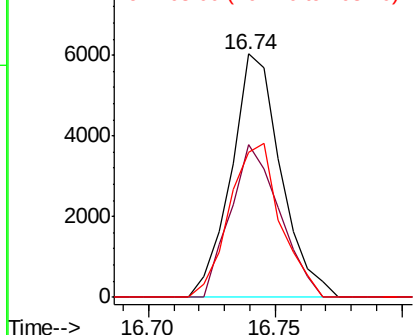
#69
 Pentachlorophenol
 Concen: 1.851 ng/ul
 RT: 16.74 min Scan# 2321
 Delta R.T. 0.00 min
 Lab File: BN013894.D
 Acq: 09 Mar 2021 16:21

Instrument :
 BNA_N
 ClientSampleId :
 MDL-ME-SOIL-05

Tot Ion:266 Resp: 8230
 Ion Ratio Lower Upper
 266 100
 264 70.1 50.2 75.4
 268 66.3 49.6 74.4

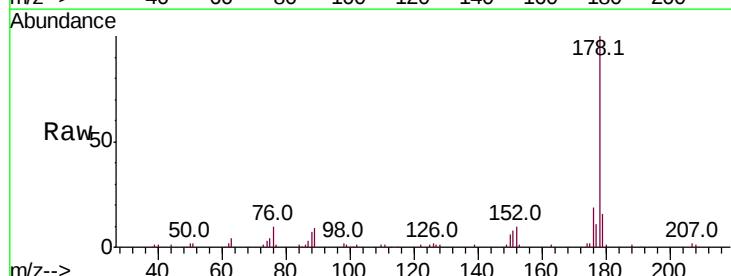


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

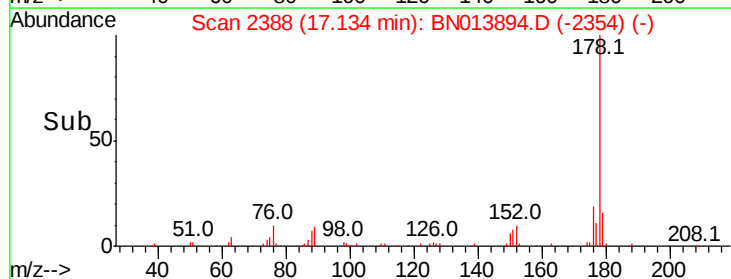
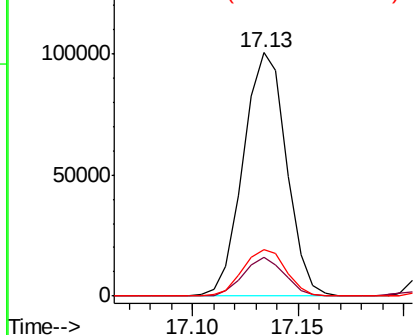


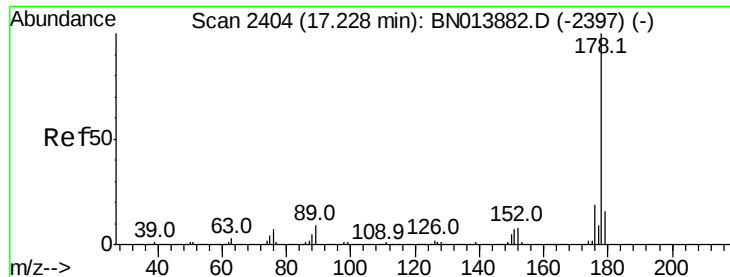
#70
 Phenanthrene
 Concen: 3.583 ng/ul
 RT: 17.13 min Scan# 2388
 Delta R.T. 0.00 min
 Lab File: BN013894.D
 Acq: 09 Mar 2021 16:21

Tgt Ion:178 Resp: 143147
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.9 19.3
 176 18.9 15.8 23.8



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 3.536 ng/uL

RT: 17.23 min Scan# 2404

Delta R.T. 0.00 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-05

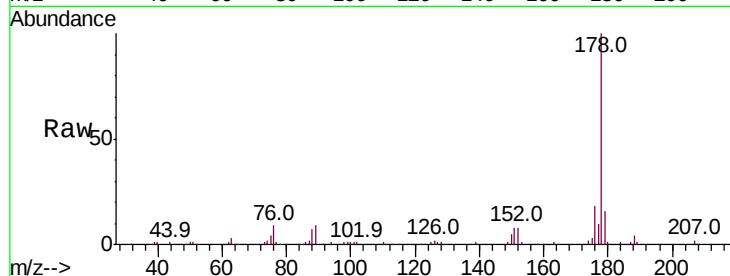
Tot Ion:178 Resp: 143619

Ion Ratio Lower Upper

178 100

179 15.6 11.9 17.9

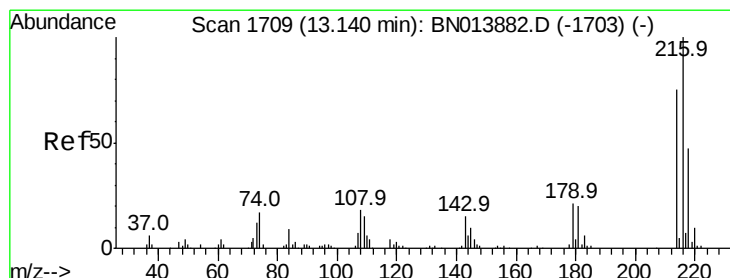
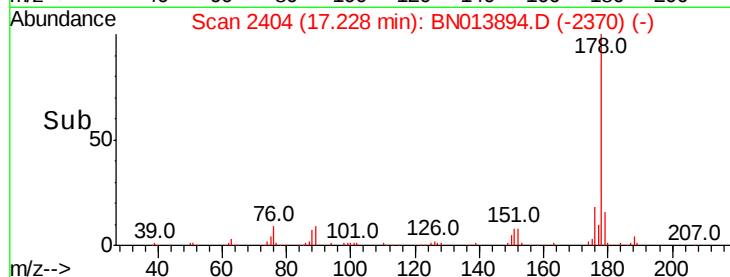
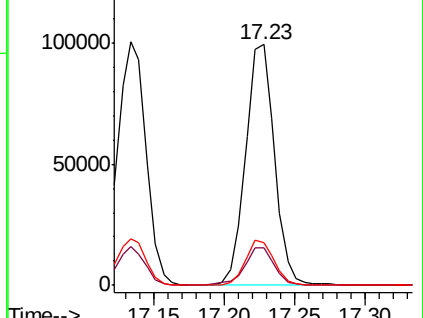
176 17.8 14.3 21.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 3.565 ng/uL

RT: 13.14 min Scan# 1709

Delta R.T. 0.00 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

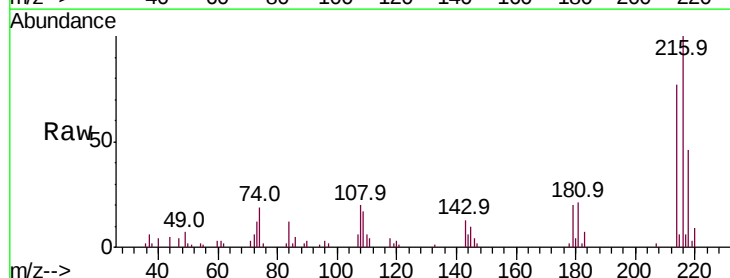
Tgt Ion:216 Resp: 38492

Ion Ratio Lower Upper

216 100

214 77.0 60.1 90.1

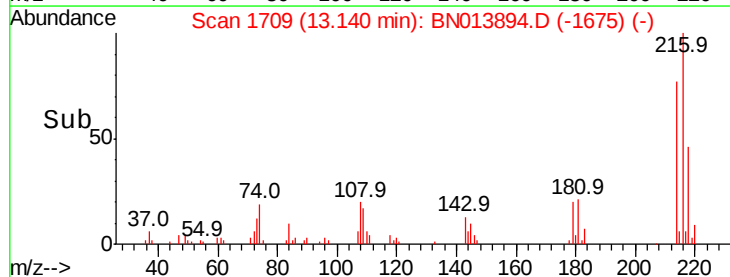
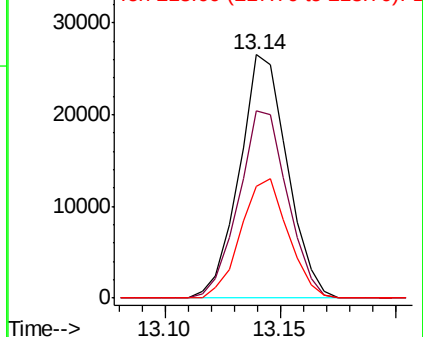
218 45.7 37.9 56.9

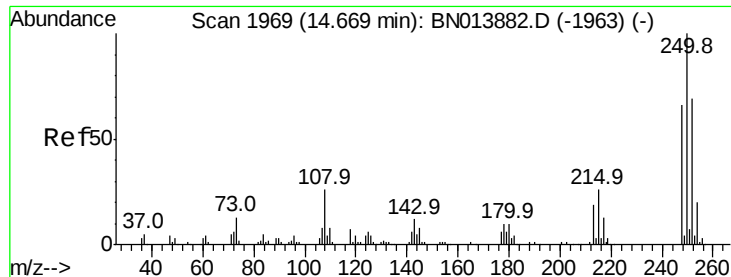


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 3.439 ng/uL

RT: 14.67 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-05

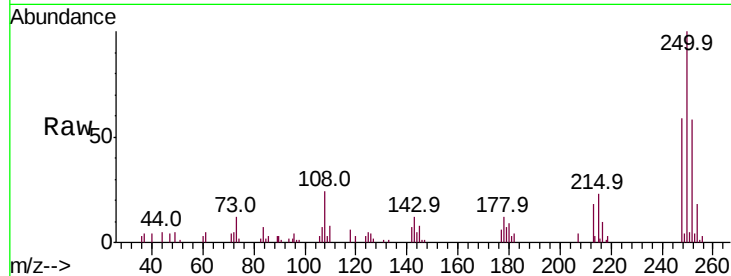
Tot Ion:250 Resp: 34982

Ion Ratio Lower Upper

250 100

248 59.0 48.3 72.5

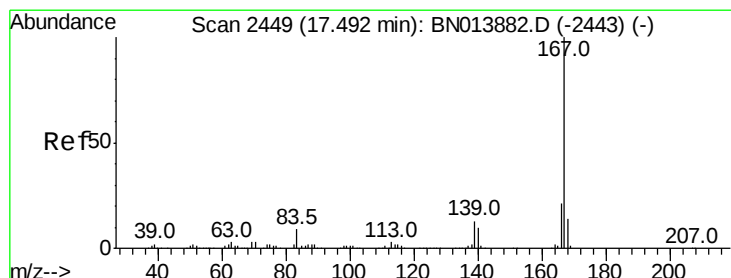
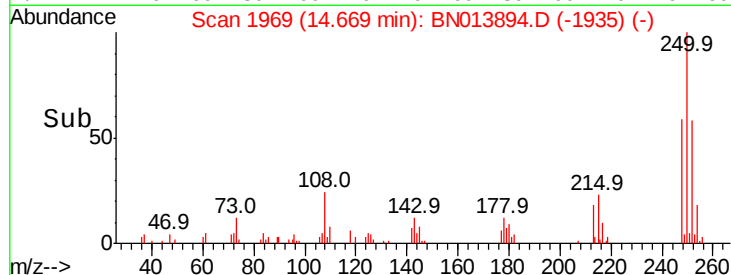
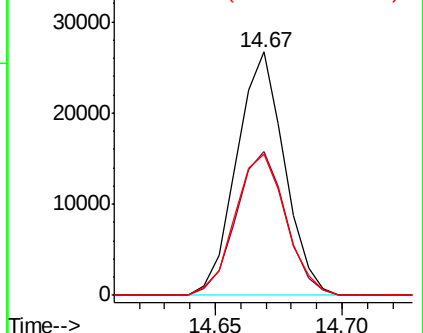
252 58.0 50.0 75.0



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: 3.149 ng/uL

RT: 17.49 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

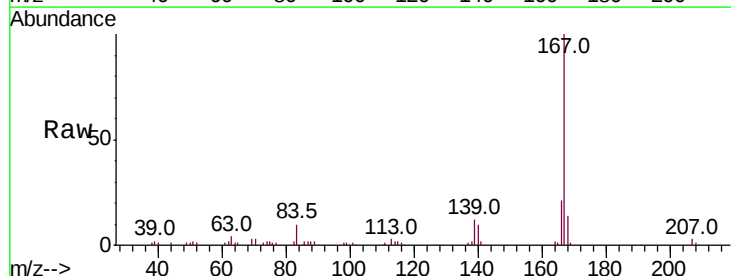
Tgt Ion:167 Resp: 114093

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.6

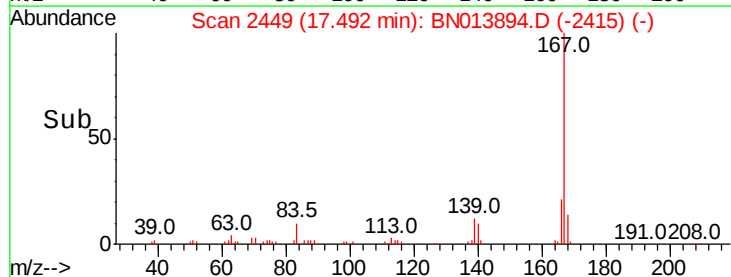
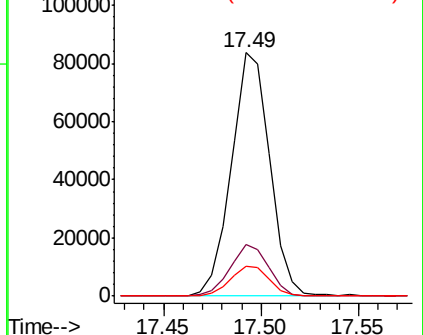
139 12.3 10.3 15.5

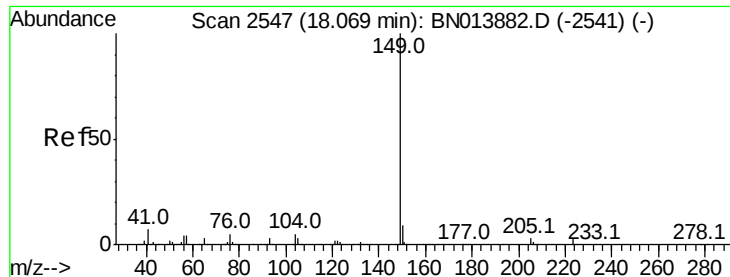


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

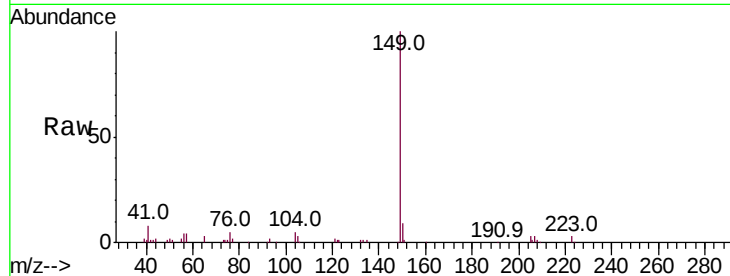




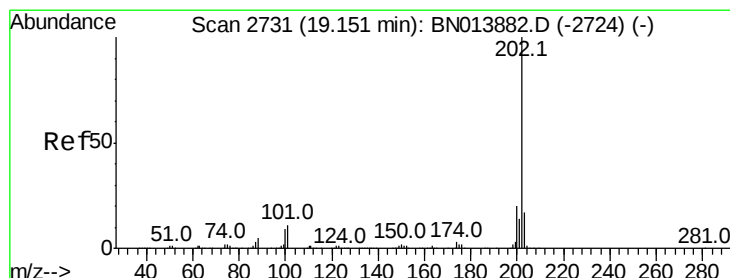
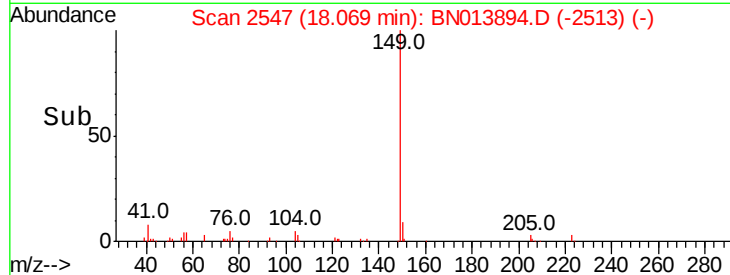
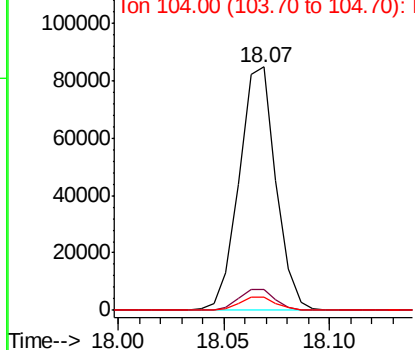
#76
Di-n-butylphthalate
Concen: 2.524 ng/ul
RT: 18.07 min Scan# 2547
Delta R.T. 0.00 min
Lab File: BN013894.D
Acq: 09 Mar 2021 16:21

Instrument :
BNA_N
ClientSampleId :
MDL-ME-SOIL-05

Tot Ion:149 Resp: 102348
Ion Ratio Lower Upper
149 100
150 8.7 7.0 10.6
104 5.4 4.2 6.2

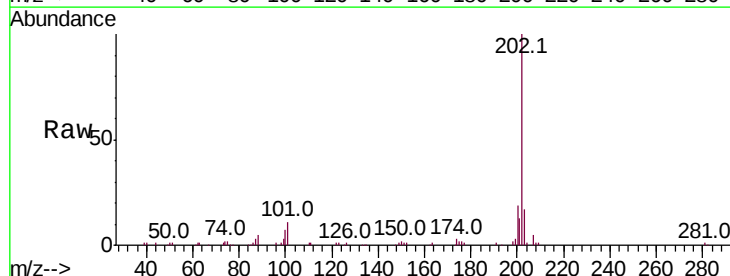


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

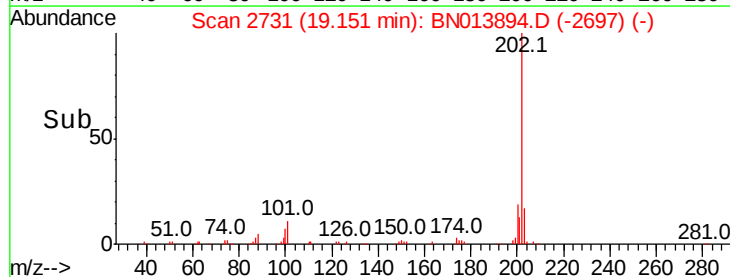
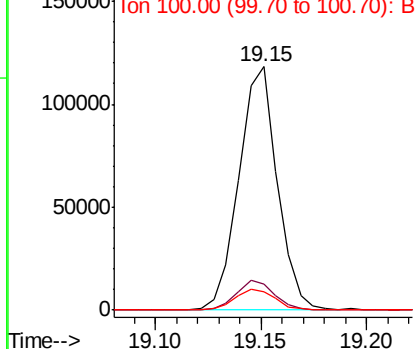


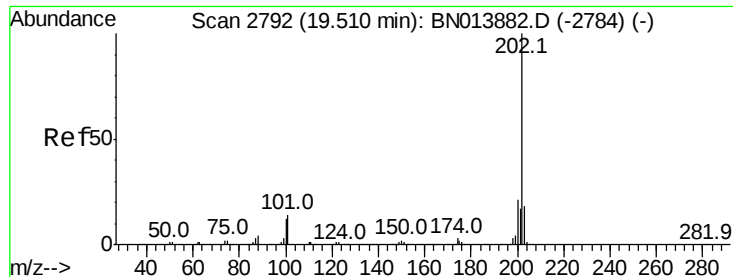
#77
Fluoranthene
Concen: 3.377 ng/ul
RT: 19.15 min Scan# 2731
Delta R.T. 0.00 min
Lab File: BN013894.D
Acq: 09 Mar 2021 16:21

Tgt Ion:202 Resp: 149171
Ion Ratio Lower Upper
202 100
101 10.9 8.6 12.8
100 7.5 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

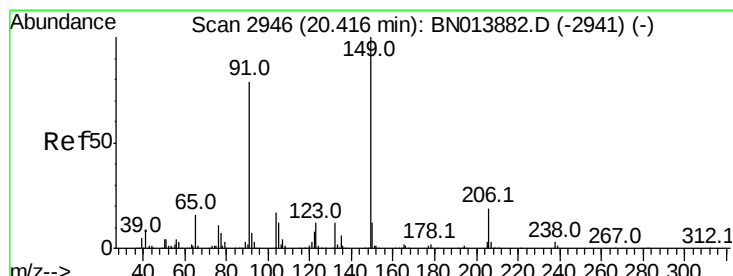
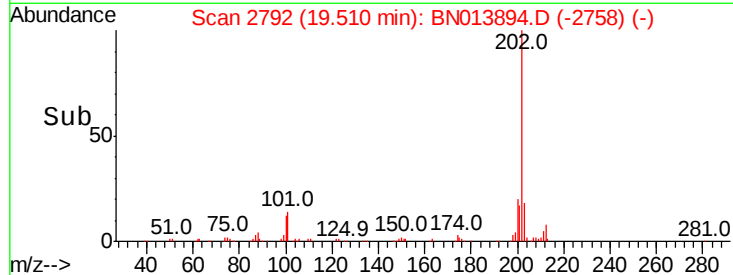
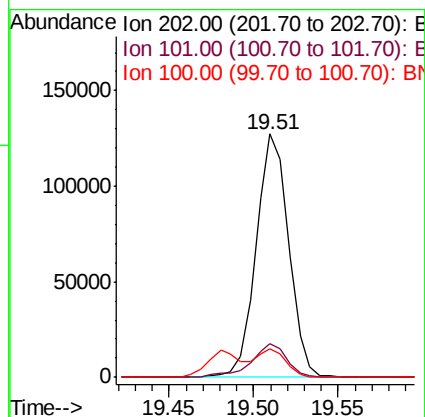
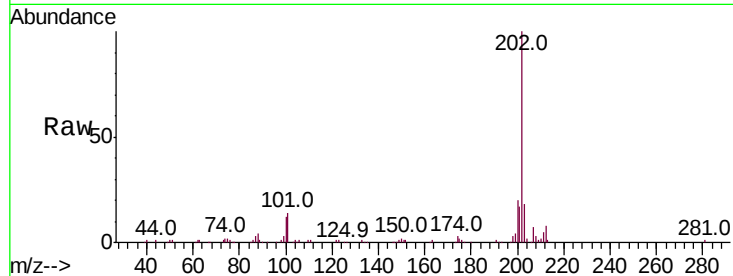




#80
Pvrene
Concen: 3.662 ng/ul
RT: 19.51 min Scan# 2792
Delta R.T. 0.00 min
Lab File: BN013894.D
Acq: 09 Mar 2021 16:21

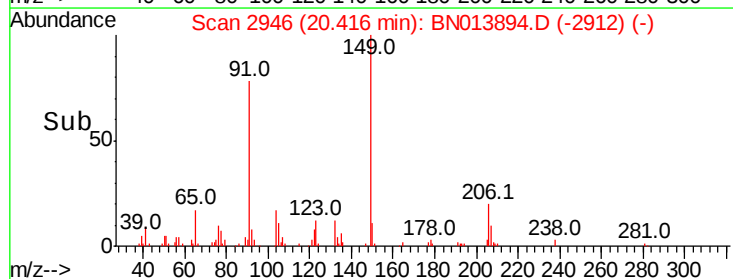
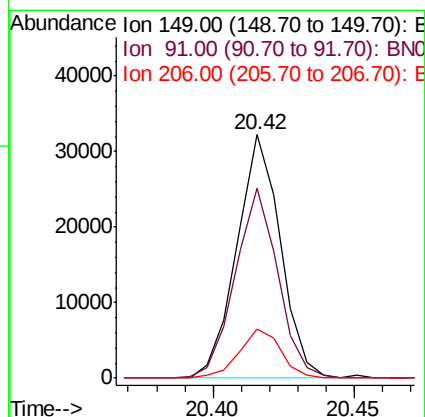
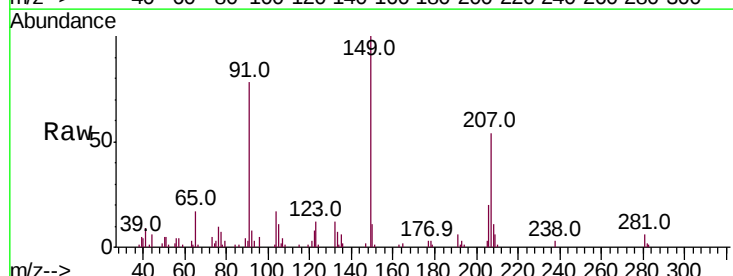
Instrument :
BNA_N
ClientSampleId :
MDL-ME-SOIL-05

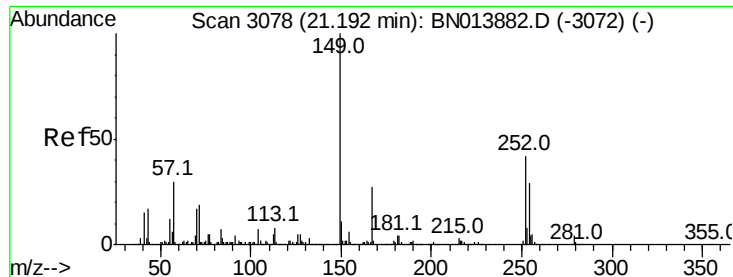
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.1	16.7
100	11.8	9.5	14.3



#81
Butylbenzylphthalate
Concen: 2.152 ng/ul
RT: 20.42 min Scan# 2946
Delta R.T. 0.00 min
Lab File: BN013894.D
Acq: 09 Mar 2021 16:21

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.0	61.4	92.0
206	20.1	14.0	21.0





#82

3,3'-Dichlorobenzidine

Concen: 2.180 ng/ul

RT: 21.19 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-05

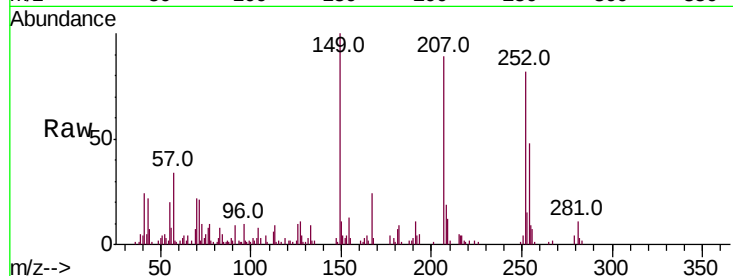
Tot Ion:252 Resp: 29621

Ion Ratio Lower Upper

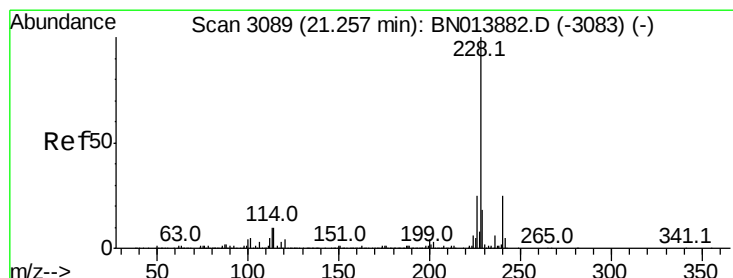
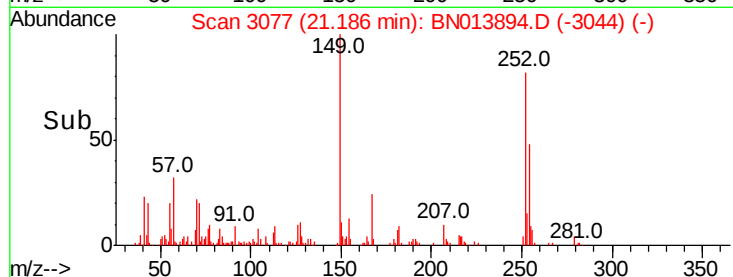
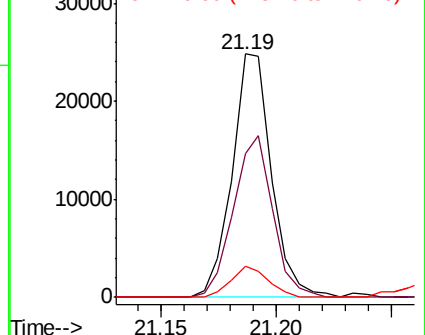
252 100

254 59.0 49.2 73.8

126 12.8 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#83

Benzo(a)anthracene

Concen: 3.373 ng/ul

RT: 21.25 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

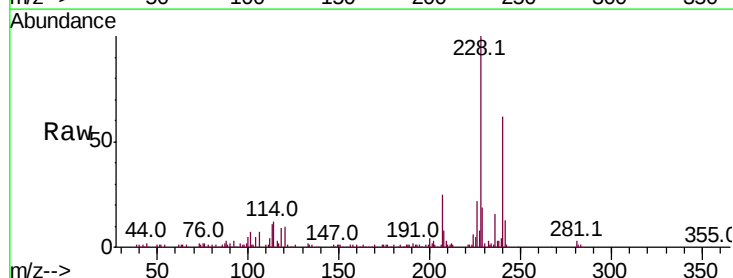
Tgt Ion:228 Resp: 150308

Ion Ratio Lower Upper

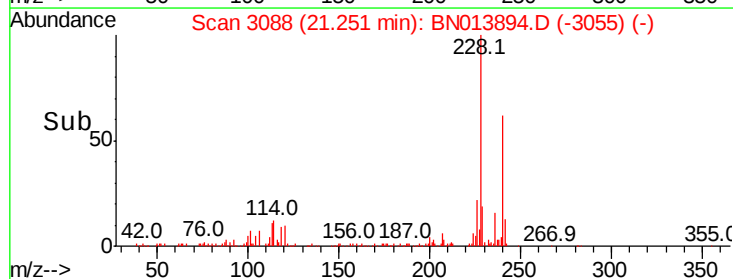
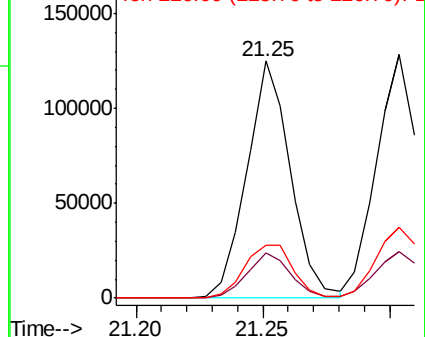
228 100

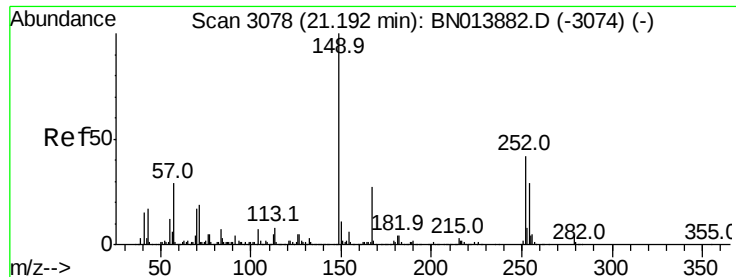
229 19.3 15.8 23.6

226 22.4 21.4 32.0



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.014 ng/ul

RT: 21.19 min Scan# 3078

Delta R.T. 0.00 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-05

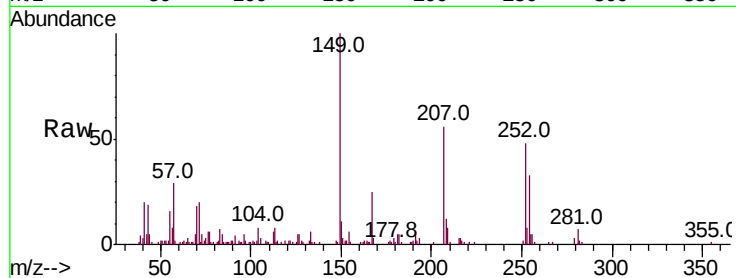
Tot Ion:149 Resp: 54098

Ion Ratio Lower Upper

149 100

167 25.3 21.7 32.5

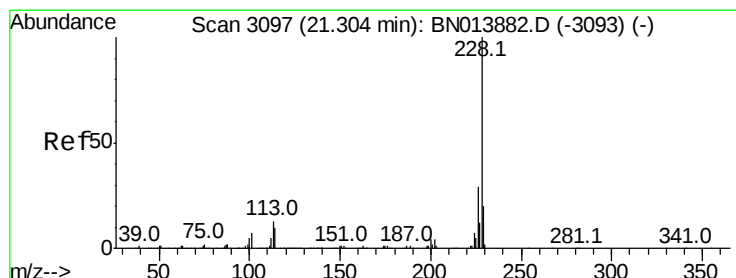
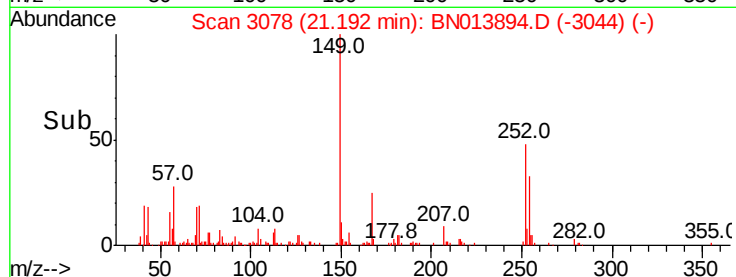
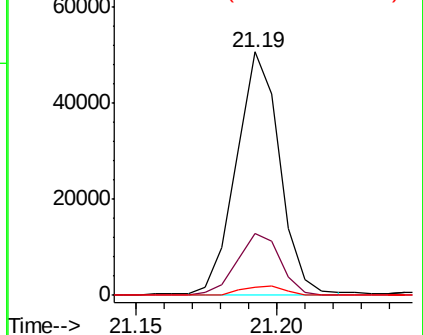
279 3.1 3.4 5.0#



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: 3.516 ng/ul

RT: 21.30 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

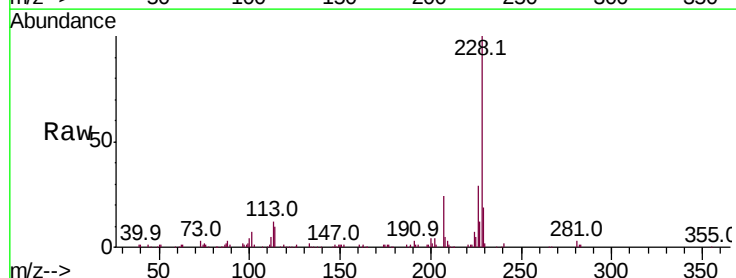
Tgt Ion:228 Resp: 152492

Ion Ratio Lower Upper

228 100

226 29.0 23.6 35.4

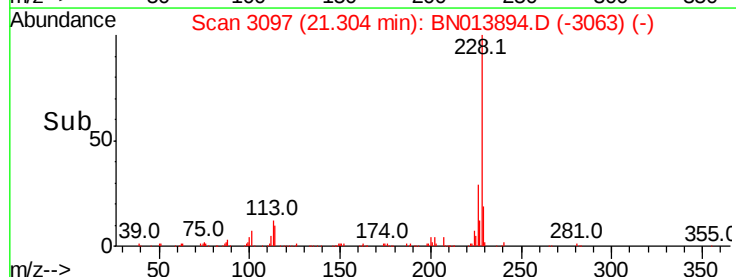
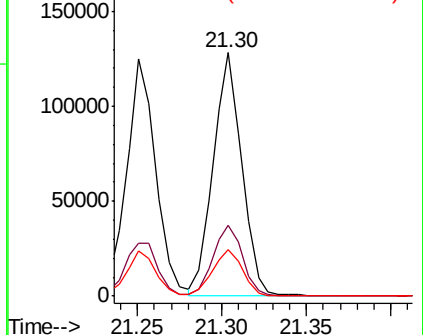
229 18.9 14.9 22.3

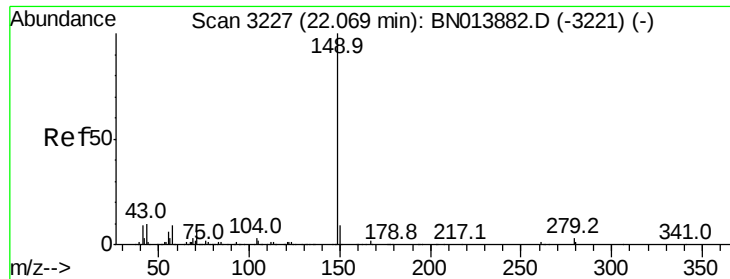


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 1.828 ng/ul

RT: 22.07 min Scan# 3227

Delta R.T. 0.00 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

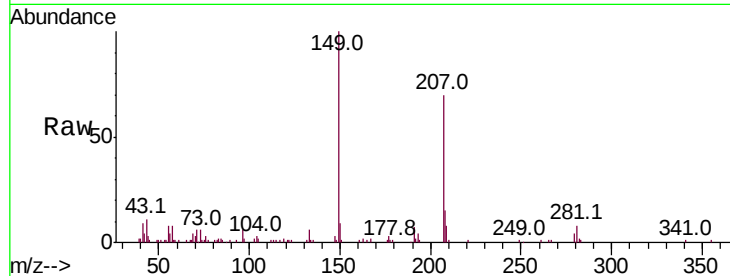
Instrument :

BNA_N

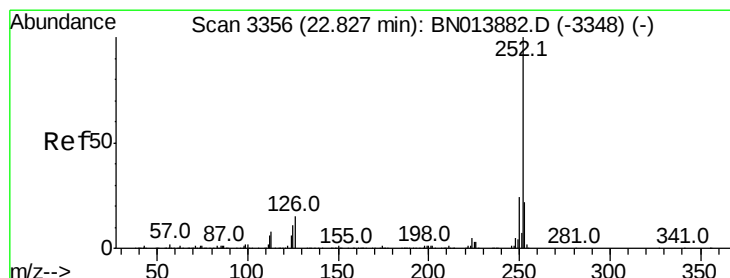
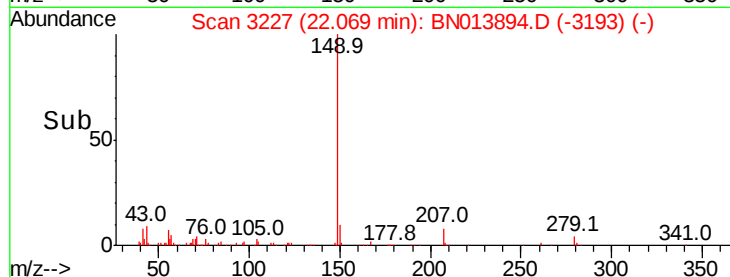
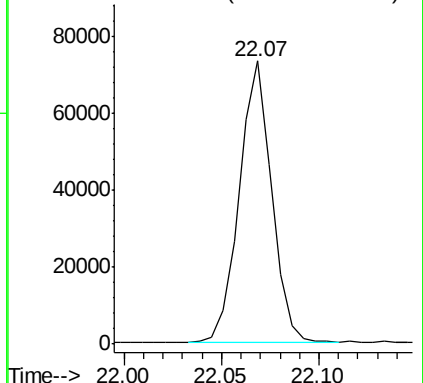
ClientSampleId :

MDL-ME-SOIL-05

Tgt Ion:149 Resp: 83524



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.439 ng/ul

RT: 22.82 min Scan# 3355

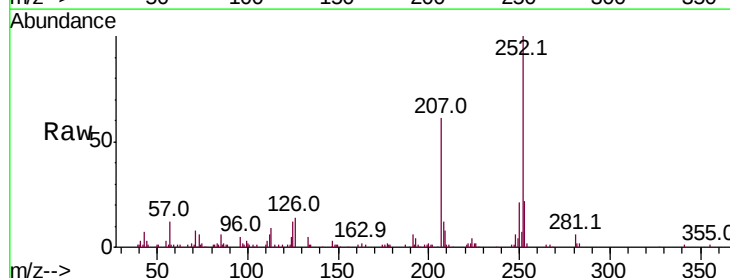
Delta R.T. -0.01 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

Tgt Ion:252 Resp: 152742

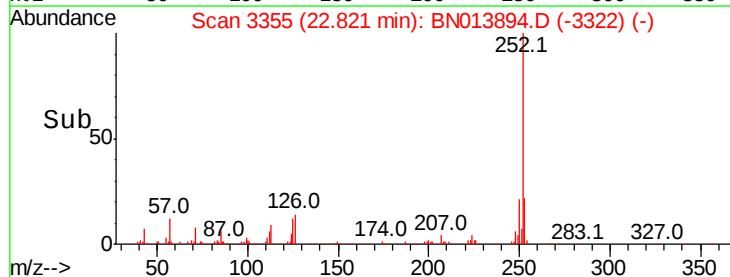
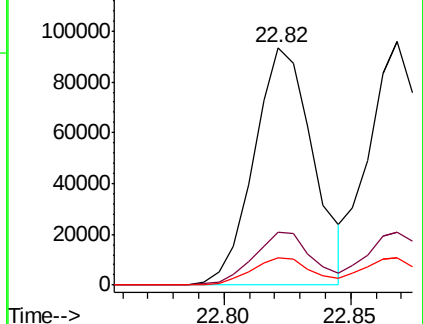
Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.6	27.8
125	11.6	9.3	13.9

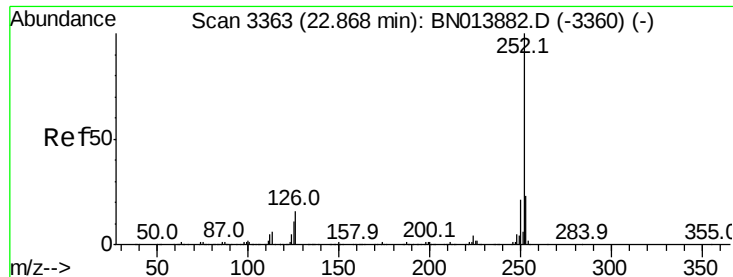


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.324 ng/ul

RT: 22.87 min Scan# 3363

Delta R.T. 0.00 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-05

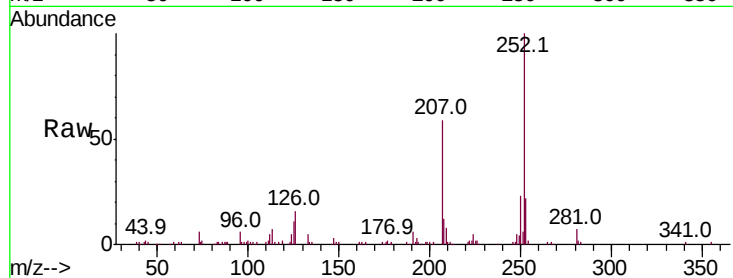
Tot Ion:252 Resp: 148114

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

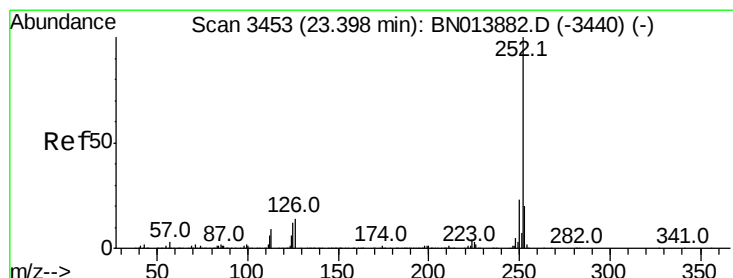
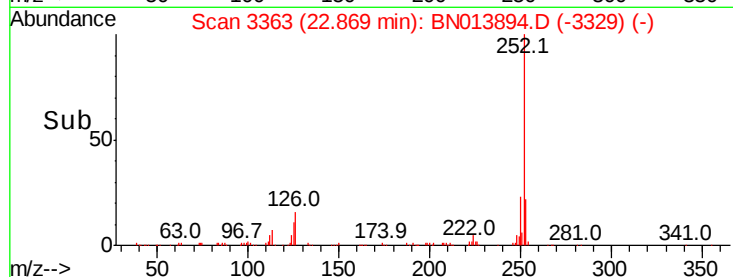
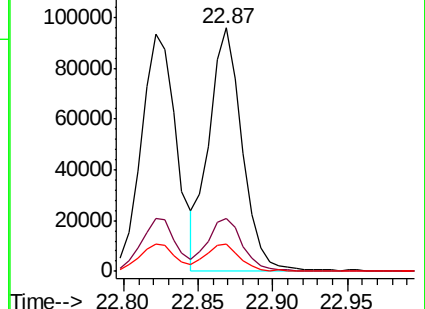
125 11.4 9.2 13.8



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: 3.632 ng/ul

RT: 23.39 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

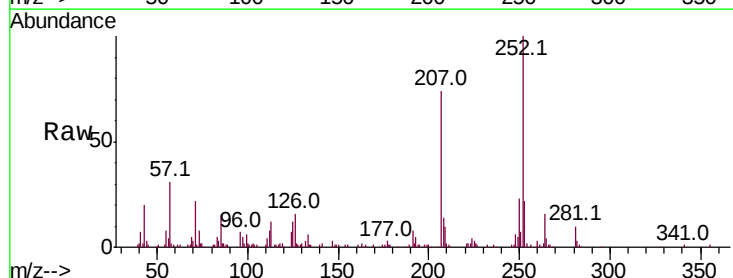
Tgt Ion:252 Resp: 146231

Ion Ratio Lower Upper

252 100

253 21.8 16.9 25.3

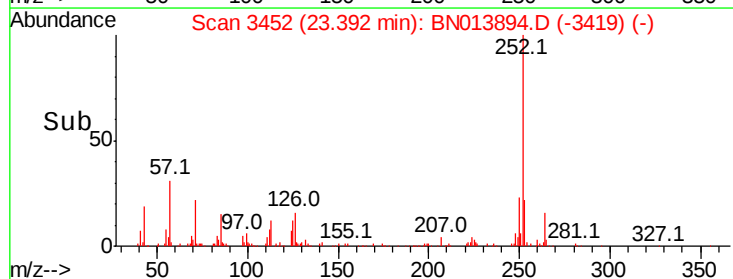
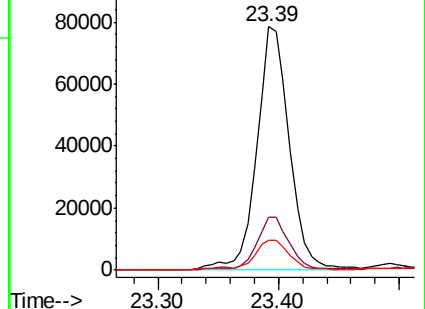
125 12.2 9.0 13.6

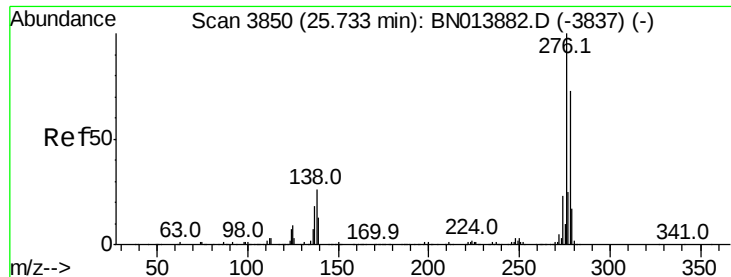


Abundance Ion 252.00 (251.70 to 252.70): E

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: 3.378 ng/ul

RT: 25.72 min Scan# 3848

Delta R.T. -0.01 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-05

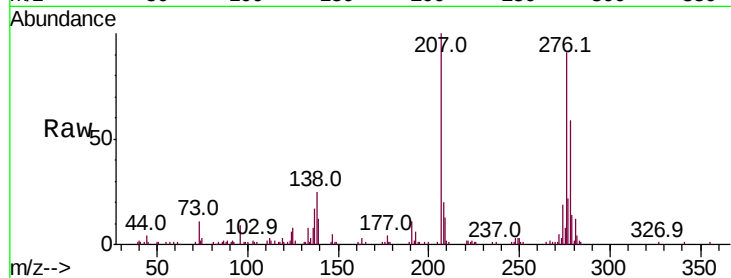
Tot Ion:276 Resp: 169927

Ion Ratio Lower Upper

276 100

138 27.4 20.3 30.5

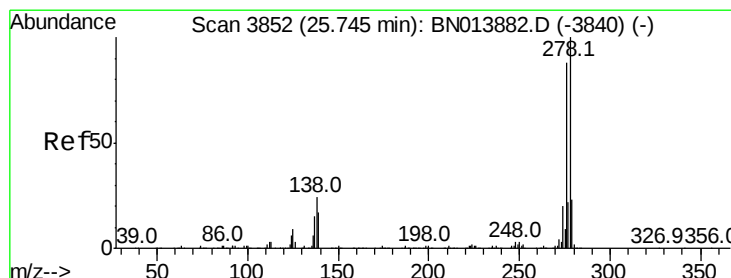
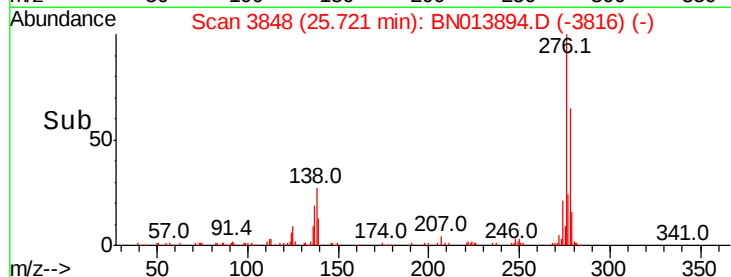
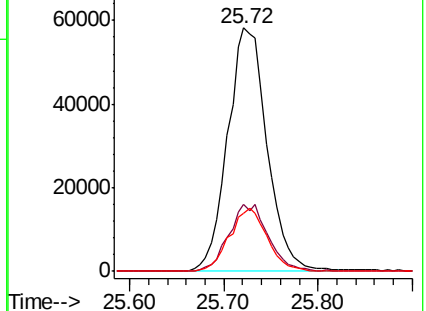
277 23.8 18.3 27.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene

Concen: 3.287 ng/ul

RT: 25.73 min Scan# 3850

Delta R.T. -0.01 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

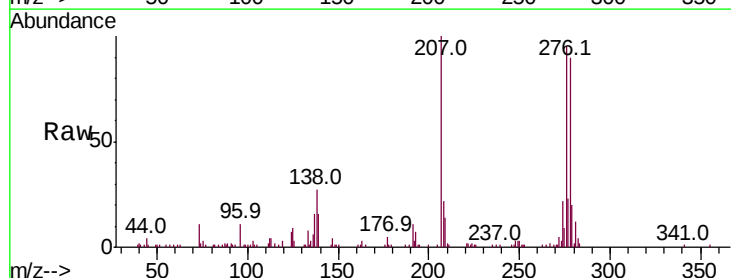
Tgt Ion:278 Resp: 141004

Ion Ratio Lower Upper

278 100

139 18.1 14.2 21.2

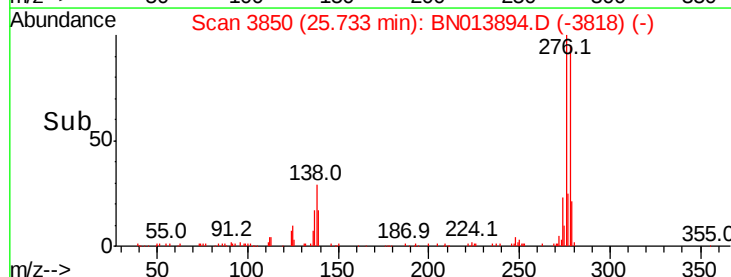
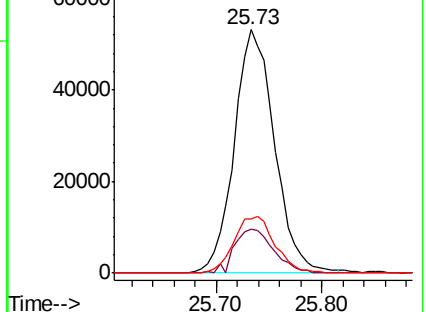
279 22.5 18.5 27.7

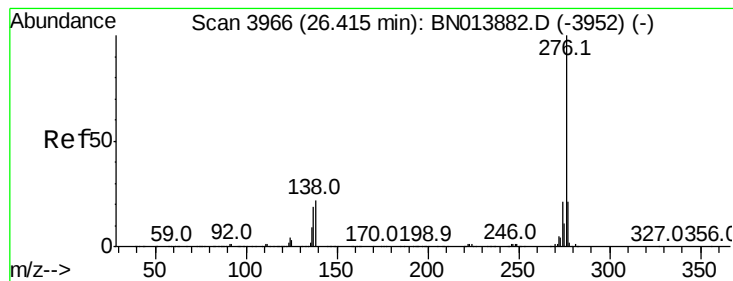


Abundance Ion 278.00 (277.70 to 278.70): E

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: 3.301 ng/ul

RT: 26.41 min Scan# 3965

Delta R.T. -0.01 min

Lab File: BN013894.D

Acq: 09 Mar 2021 16:21

Instrument :

BNA_N

ClientSampleId :

MDL-ME-SOIL-05

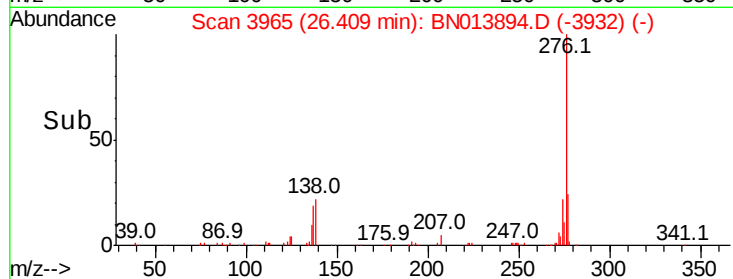
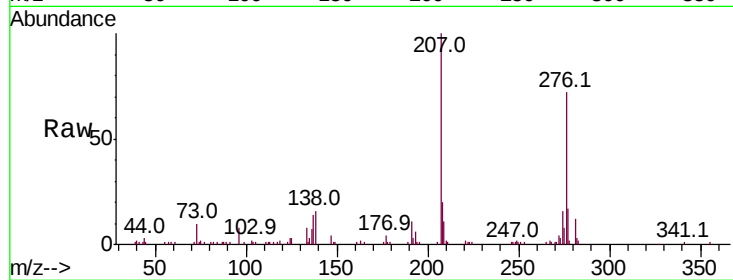
Tot Ion: 276 Resp: 139482

Ion Ratio Lower Upper

276 100

138 21.8 17.5 26.3

277 23.5 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

