

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031121\
 Data File : BN013916.D
 Acq On : 11 Mar 2021 14:47
 Operator : CG/JU
 Sample : M1534-14
 Misc : SOM-MDL-S-07
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-07

Quant Time: Mar 11 15:16:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 11 09:36:12 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	172474	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	719317	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	425422	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	860843	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	856813	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	857874	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	18063	4.16	ng/uL	0.00
5) Phenol-d5	6.88	99	439680	31.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	289642	33.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	351720	32.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	330415	31.28	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	162956	33.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	158165	34.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	314262	31.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	451686	36.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	941525	32.96	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	1210844	32.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	151640	28.30	ng/ul	0.00
58) Fluorene-d10	15.35	176	843128	33.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	105366	26.33	ng/ul	0.00
71) Anthracene-d10	17.19	188	1261708	33.54	ng/ul	0.00
79) Pyrene-d10	19.48	212	1328119	31.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.34	264	1446047	33.86	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.25	88	4254	0.965	ng/uL#	83
4) Benzaldehyde	6.86	77	31822	4.533	ng/ul	94
6) Phenol	6.91	94	53259	3.563	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.15	93	42666	3.649	ng/ul	98
10) 2-Chlorophenol	7.28	128	41900	3.687	ng/ul	96
11) 2-Methylphenol	8.15	108	34802	3.227	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.25	45	64119	3.591	ng/ul	99
14) Acetophenone	8.53	105	60964	3.503	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.52	70	28516	3.302	ng/ul	97
16) 4-Methylphenol	8.48	108	41053	3.508	ng/ul	94
17) Hexachloroethane	8.79	117	16628	3.450	ng/ul	94
20) Nitrobenzene	8.90	77	47004	3.570	ng/ul	99
21) Isophorone	9.43	82	70751	3.064	ng/ul	99
23) 2-Nitrophenol	9.61	139	19708	3.664	ng/ul	99
24) 2,4-Dimethylphenol	9.68	107	43591	3.441	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.92	93	52289	3.392	ng/ul	99
27) 2,4-Dichlorophenol	10.14	162	36857	3.566	ng/ul	92
28) Naphthalene	10.55	128	136158	3.651	ng/ul	99
30) 4-Chloroaniline	10.65	127	53021	4.103	ng/ul	95
31) Hexachlorobutadiene	10.83	225	23083	3.507	ng/ul	93
32) Caprolactam	11.42	113	6499	2.077	ng/ul#	80
33) 4-Chloro-3-methylphenol	11.78	107	31197	2.961	ng/ul	95
34) 2-Methylnaphthalene	12.16	142	90344	3.546	ng/ul	97

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

35) 1-Methylnaphthalene	12.38	142	88478	3.603	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	46113	3.600	ng/ul	97
38) Hexachlorocyclopentadiene	12.51	237	22029	2.889	ng/ul	94
39) 2,4,6-Trichlorophenol	12.77	196	20751	2.807	ng/ul	94
40) 2,4,5-Trichlorophenol	12.84	196	24007	2.960	ng/ul	92
41) 1,1'-Biphenyl	13.18	154	115314	3.605	ng/ul	98
42) 2-Chloronaphthalene	13.22	162	90268	3.609	ng/ul	100
43) 2-Nitroaniline	13.42	65	17488	2.697	ng/ul	97
45) Dimethylphthalate	13.80	163	107676	3.643	ng/ul	99
46) 2,6-Dinitrotoluene	13.92	165	14742	2.783	ng/ul	95
48) Acenaphthylene	14.07	152	135586	3.702	ng/ul	97
49) 3-Nitroaniline	14.25	138	16378	2.843	ng/ul	97
50) Acenaphthene	14.42	153	96387	3.607	ng/ul	98
51) 2,4-Dinitrophenol	14.45	184	5052	1.812	ng/ul	95
53) 4-Nitrophenol	14.55	109	14444	3.346	ng/ul	85
54) Dibenzofuran	14.75	168	136111	3.695	ng/ul	99
55) 2,4-Dinitrotoluene	14.71	165	22880	3.023	ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	14.97	232	18018	2.878	ng/ul	98
57) Diethylphthalate	15.17	149	99071	3.354	ng/ul	98
59) Fluorene	15.40	166	108154	3.608	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.40	204	54556	3.794	ng/ul	99
61) 4-Nitroaniline	15.41	138	17959	2.722	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.47	198	13803	3.275	ng/ul#	78
65) N-Nitrosodiphenylamine	15.61	169	87793	3.541	ng/ul	97
66) 4-Bromophenyl-phenylether	16.29	248	29107	3.530	ng/ul	98
67) Hexachlorobenzene	16.40	284	34427	3.495	ng/ul	96
68) Atrazine	16.56	200	22237	2.596	ng/ul#	90
69) Pentachlorophenol	16.74	266	10716	2.065	ng/ul	93
70) Phenanthrene	17.13	178	171053	3.667	ng/ul	97
72) Anthracene	17.22	178	172412	3.636	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	46373	3.679	ng/uL	96
74) Pentachlorobenzene	14.67	250	40834	3.439	ng/uL	98
75) Carbazole	17.49	167	138957	3.285	ng/ul	99
76) Di-n-butylphthalate	18.06	149	130469	2.756	ng/ul	99
77) Fluoranthene	19.15	202	173184	3.358	ng/ul	97
80) Pvrene	19.51	202	204051	3.699	ng/ul	100
81) Butylbenzylphthalate	20.42	149	43582	2.295	ng/ul#	96
82) 3,3'-Dichlorobenzidine	21.19	252	37617	2.339	ng/ul	92
83) Benzo(a)anthracene	21.25	228	181513	3.442	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.19	149	69895	2.199	ng/ul	99
85) Chrysene	21.30	228	185826	3.620	ng/ul	97
87) Di-n-octyl phthalate	22.06	149	109487	2.043	ng/ul	100
88) Benzo(b)fluoranthene	22.82	252	176010	3.377	ng/ul	96
89) Benzo(k)fluoranthene	22.86	252	179744	3.438	ng/ul	99
91) Benzo(a)pyrene	23.39	252	166072	3.515	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.72	276	195993	3.320	ng/ul	97
93) Dibenzo(a,h)anthracene	25.73	278	164023	3.259	ng/ul	99
94) Benzo(a,h,i)perylene	26.40	276	163667	3.301	ng/ul	97

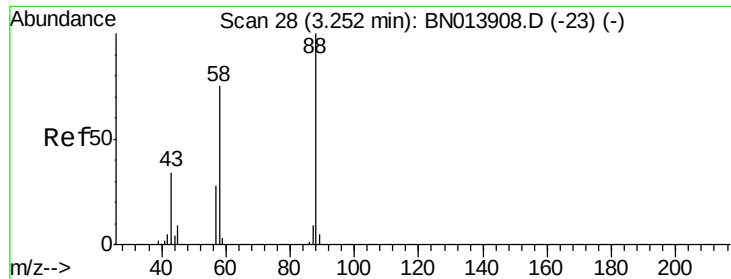
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#2

1,4-Dioxane

Concen: 0.965 ng/uL

RT: 3.25 min Scan# 28

Delta R.T. -0.00 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-07

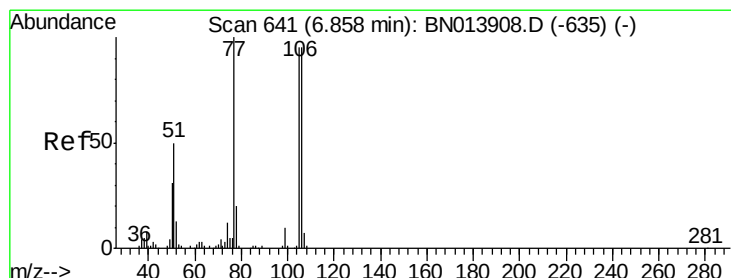
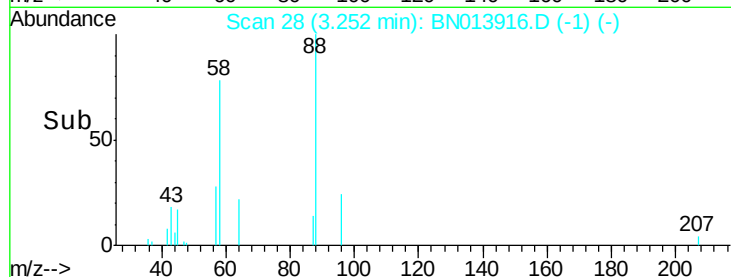
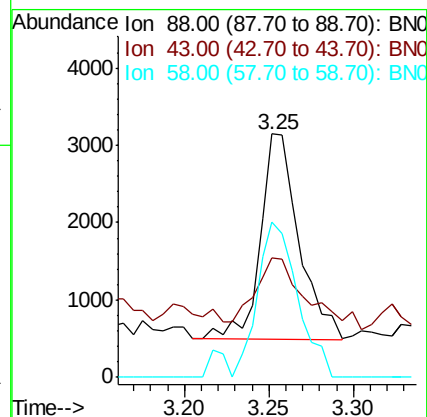
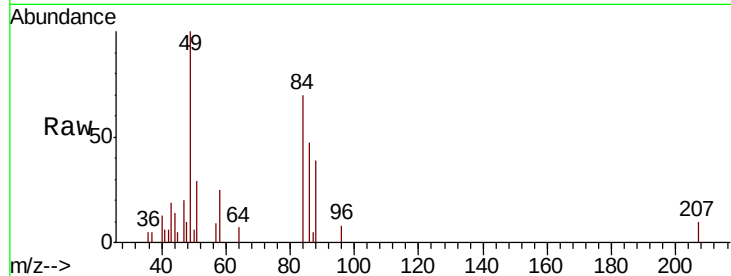
Tot Ion: 88 Resp: 4254

Ion Ratio Lower Upper

88 100

43 49.3 31.3 46.9#

58 63.5 62.7 94.1



#4

Benzaldehyde

Concen: 4.533 ng/uL

RT: 6.86 min Scan# 642

Delta R.T. 0.01 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

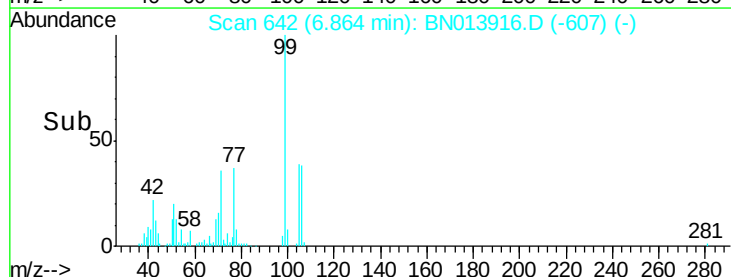
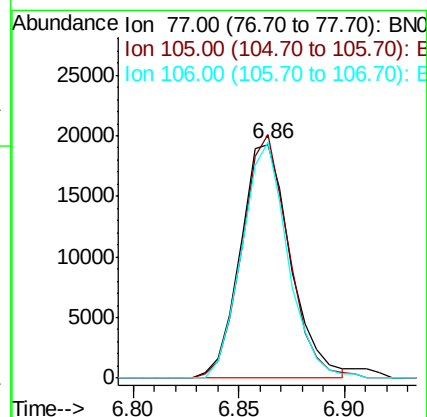
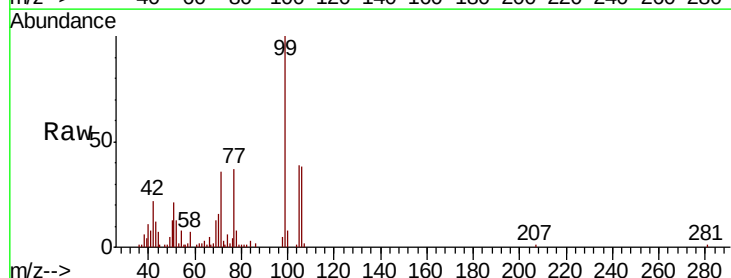
Tgt Ion: 77 Resp: 31822

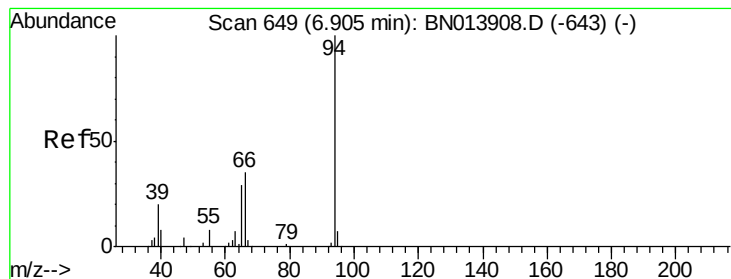
Ion Ratio Lower Upper

77 100

105 104.2 78.7 118.1

106 101.1 75.8 113.6





#6

Phenol

Concen: 3.563 ng/ul

RT: 6.91 min Scan# 650

Delta R.T. 0.01 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-07

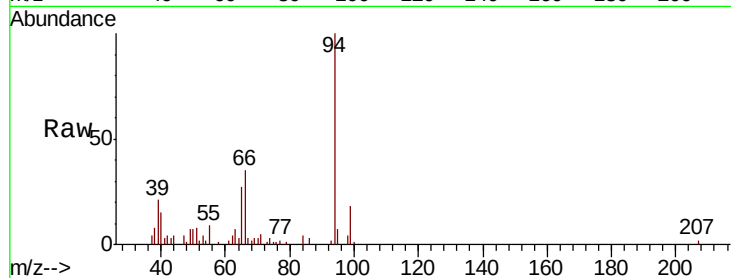
Tot Ion: 94 Resp: 53259

Ion Ratio Lower Upper

94 100

65 26.6 23.1 34.7

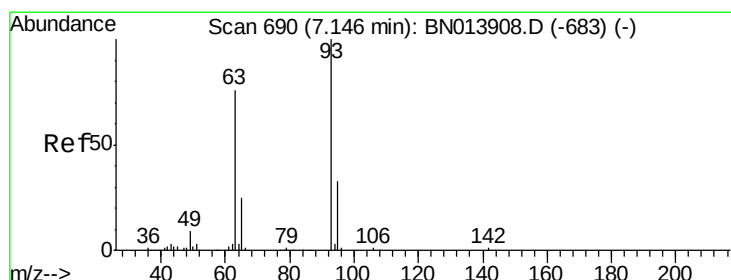
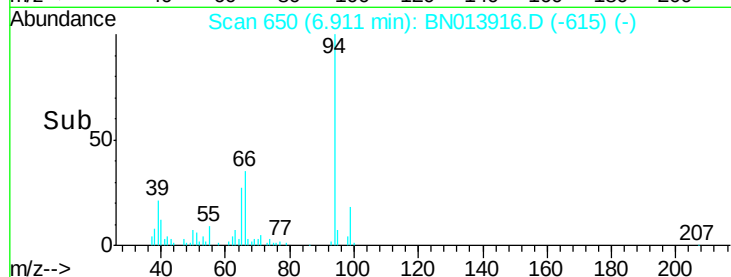
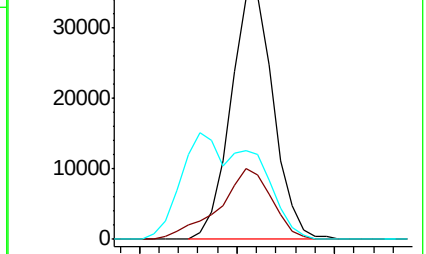
66 35.0 29.1 43.7



Abundance Ion 94.00 (93.70 to 94.70): BN013916.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BN013916.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BN013916.D (-650) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 3.649 ng/ul

RT: 7.15 min Scan# 690

Delta R.T. -0.00 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

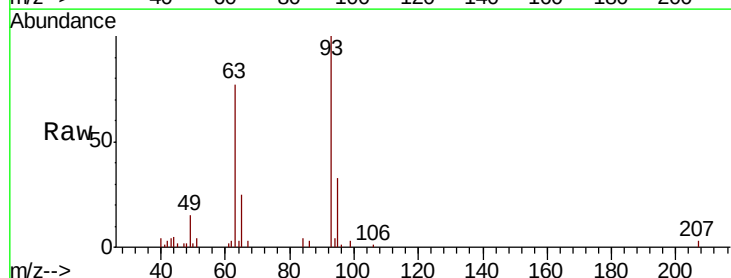
Tgt Ion: 93 Resp: 42666

Ion Ratio Lower Upper

93 100

63 76.8 63.1 94.7

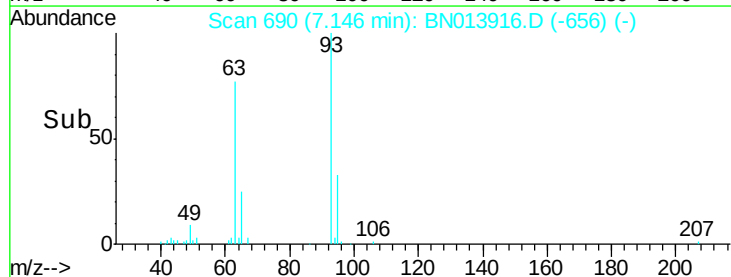
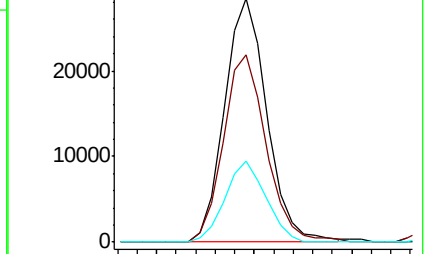
95 33.2 26.2 39.2

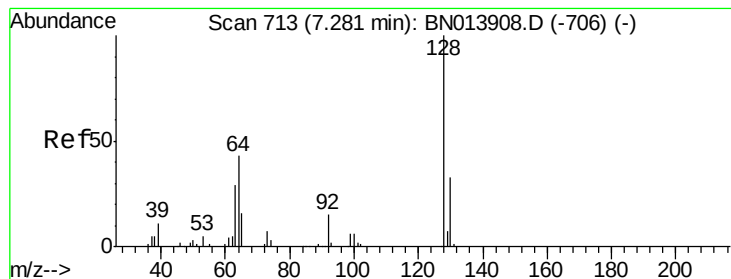


Abundance Ion 93.00 (92.70 to 93.70): BN013916.D (-656) (-)

Ion 63.00 (62.70 to 63.70): BN013916.D (-656) (-)

Ion 95.00 (94.70 to 95.70): BN013916.D (-656) (-)





#10

2-Chlorophenol

Concen: 3.687 ng/ul

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

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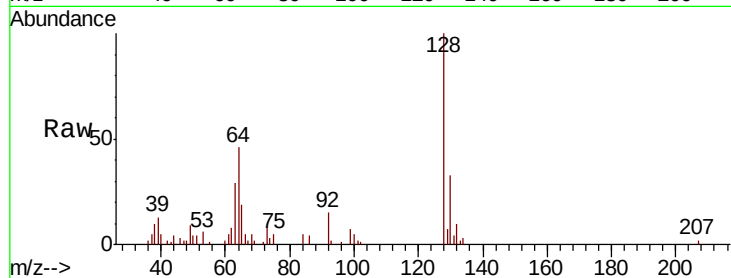
Tot Ion:128 Resp: 41900

Ion Ratio Lower Upper

128 100

64 46.3 40.1 60.1

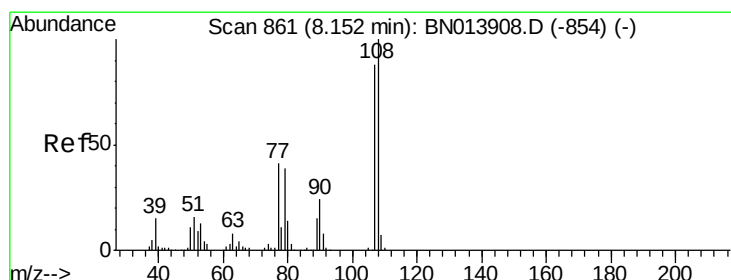
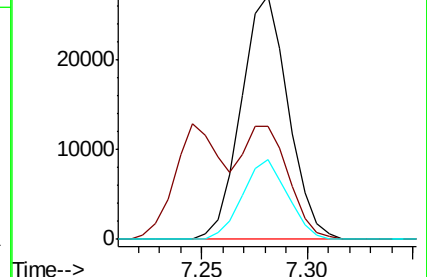
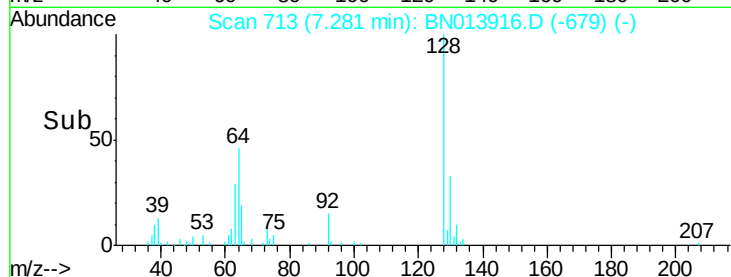
130 32.8 25.9 38.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 3.227 ng/ul

RT: 8.15 min Scan# 861

Delta R.T. -0.00 min

Lab File: BN013916.D

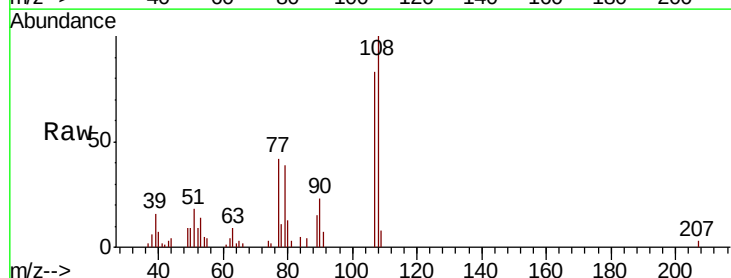
Acq: 11 Mar 2021 14:47

Tgt Ion:108 Resp: 34802

Ion Ratio Lower Upper

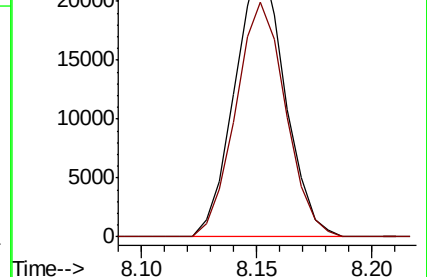
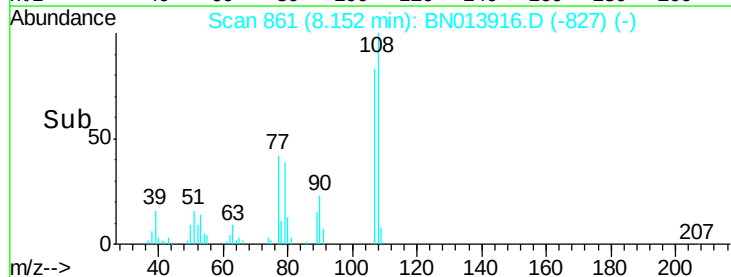
108 100

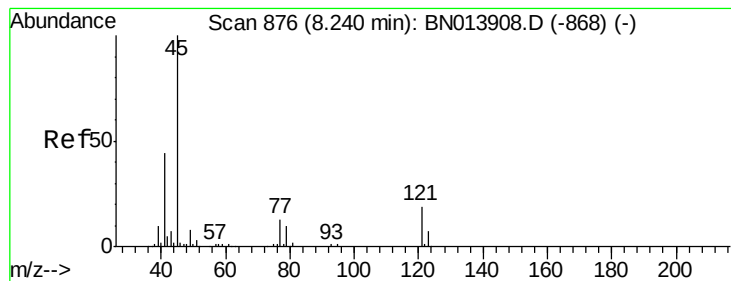
107 83.1 70.3 105.5



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: 3.591 ng/ul

RT: 8.25 min Scan# 877

Delta R.T. 0.01 min

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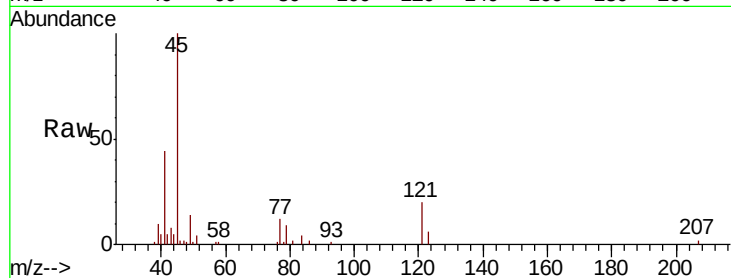
Tot Ion: 45 Resp: 64119

Ion Ratio Lower Upper

45 100

77 12.5 9.8 14.8

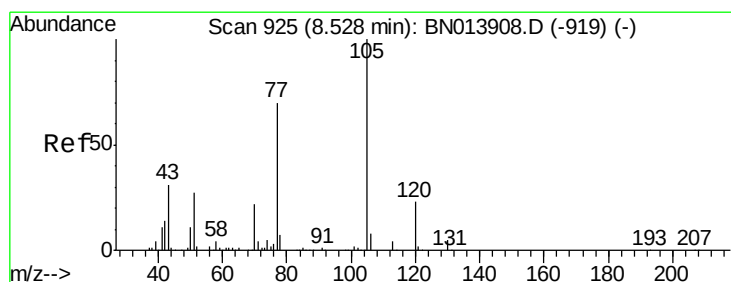
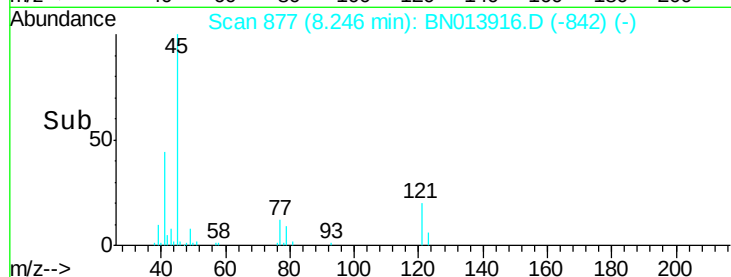
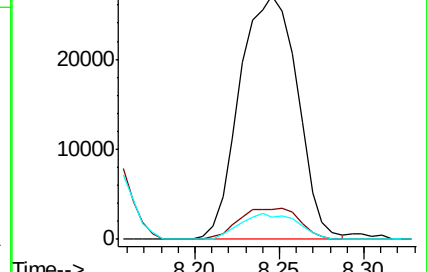
79 9.1 7.5 11.3



Abundance Ion 45.00 (44.70 to 45.70): BN013908.D (-868) (-)

Ion 77.00 (76.70 to 77.70): BN013908.D (-868) (-)

Ion 79.00 (78.70 to 79.70): BN013908.D (-868) (-)



#14

Acetophenone

Concen: 3.503 ng/ul

RT: 8.53 min Scan# 925

Delta R.T. -0.00 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

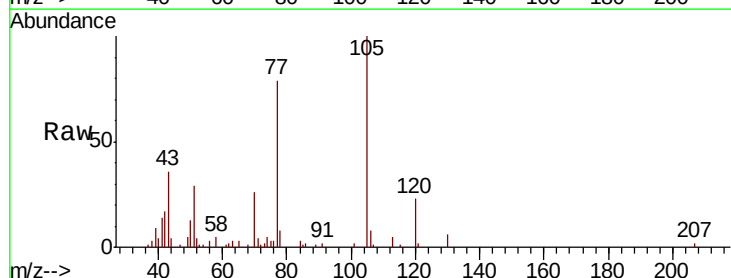
Tgt Ion: 105 Resp: 60964

Ion Ratio Lower Upper

105 100

77 79.3 62.0 93.0

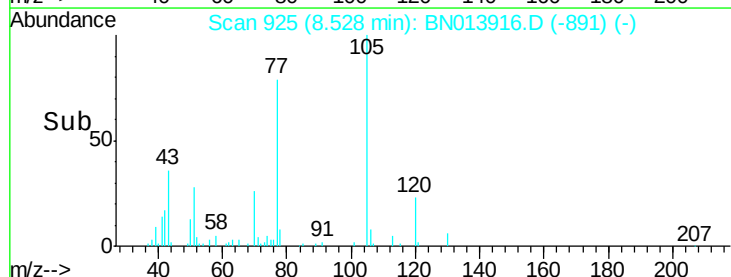
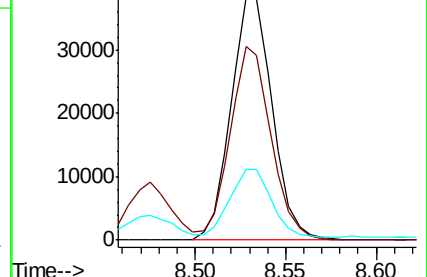
51 29.3 23.7 35.5

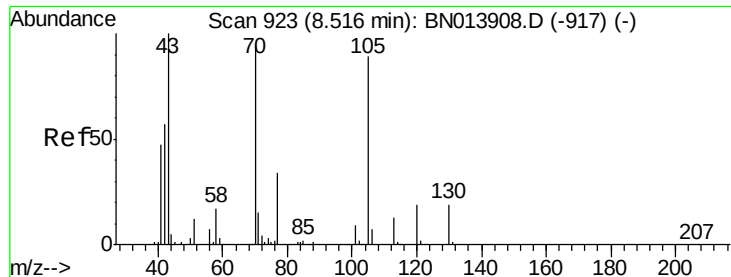


Abundance Ion 105.00 (104.70 to 105.70): BN013908.D (-919) (-)

Ion 77.00 (76.70 to 77.70): BN013908.D (-919) (-)

Ion 51.00 (50.70 to 51.70): BN013908.D (-919) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 3.302 ng/ul

RT: 8.52 min Scan# 923

Delta R.T. -0.00 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

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Tot Ion: 70 Resp: 28516

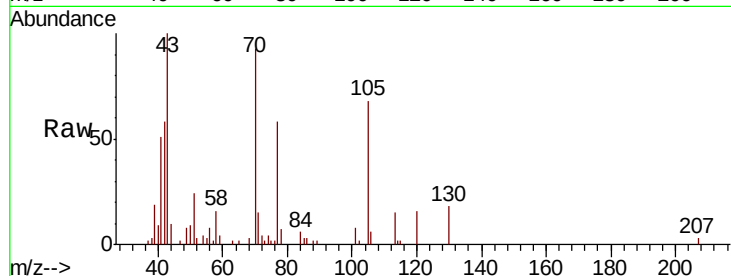
Ion Ratio Lower Upper

70 100

42 62.5 52.4 78.6

101 8.6 7.6 11.4

130 19.2 16.1 24.1

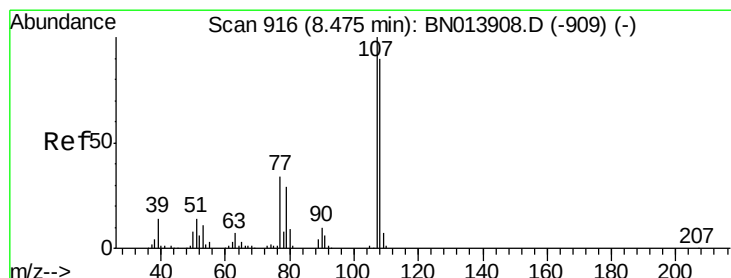
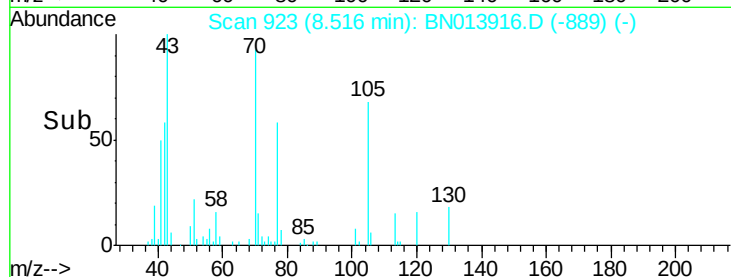
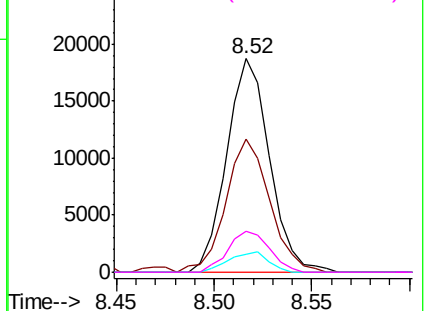


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): BN0

Ion 130.00 (129.70 to 130.70): BN0



#16

4-Methylphenol

Concen: 3.508 ng/ul

RT: 8.48 min Scan# 916

Delta R.T. -0.00 min

Lab File: BN013916.D

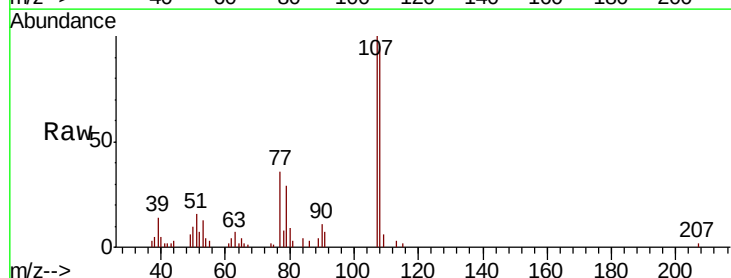
Acq: 11 Mar 2021 14:47

Tgt Ion: 108 Resp: 41053

Ion Ratio Lower Upper

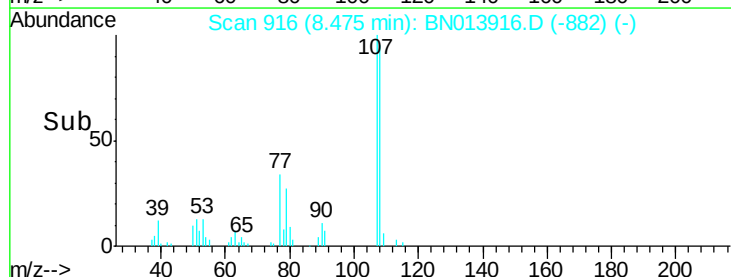
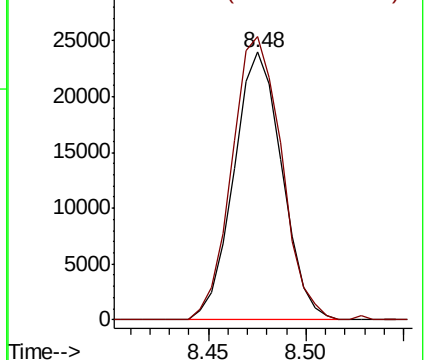
108 100

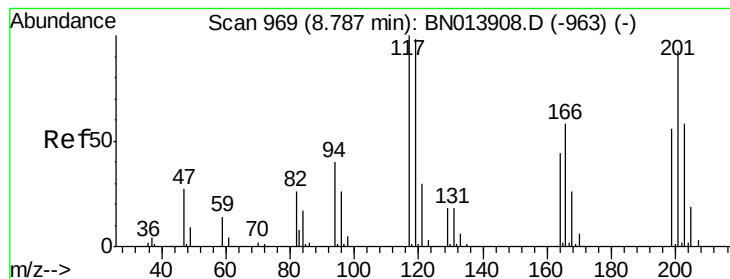
107 105.8 89.9 134.9



Abundance Ion 108.00 (107.70 to 108.70): BN0

Ion 107.00 (106.70 to 107.70): BN0





#17

Hexachloroethane

Concen: 3.450 ng/ul

RT: 8.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-07

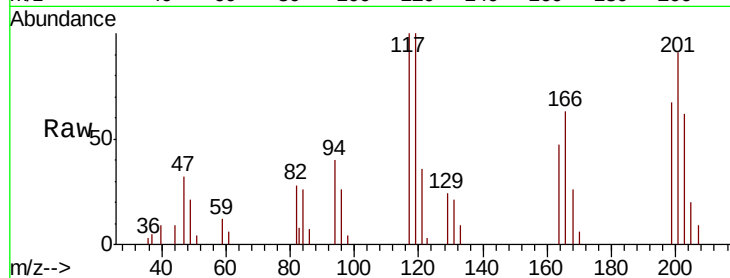
Tot Ion:117 Resp: 16628

Ion Ratio Lower Upper

117 100

201 91.4 77.8 116.6

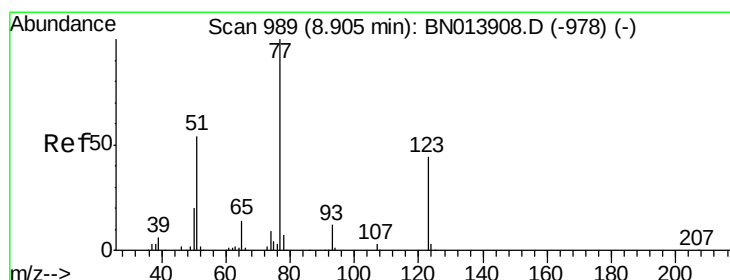
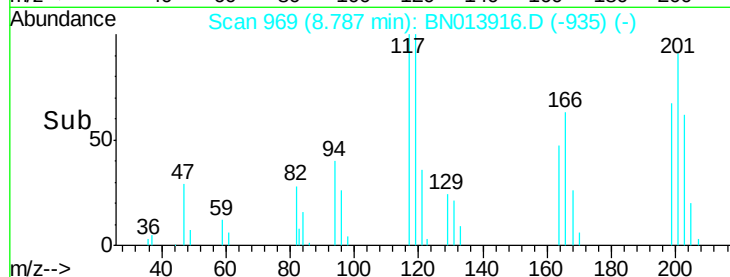
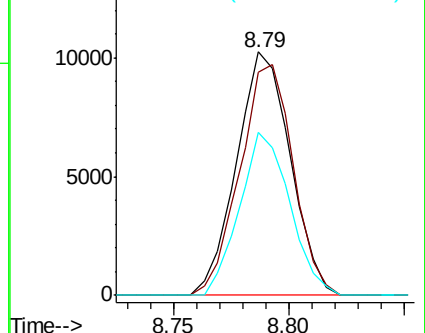
199 66.8 49.6 74.4



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: 3.570 ng/ul

RT: 8.90 min Scan# 989

Delta R.T. -0.00 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

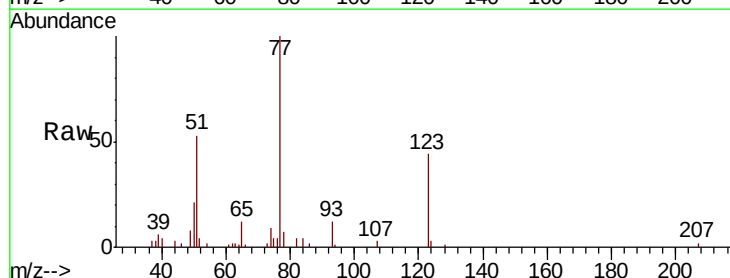
Tgt Ion: 77 Resp: 47004

Ion Ratio Lower Upper

77 100

123 43.9 34.7 52.1

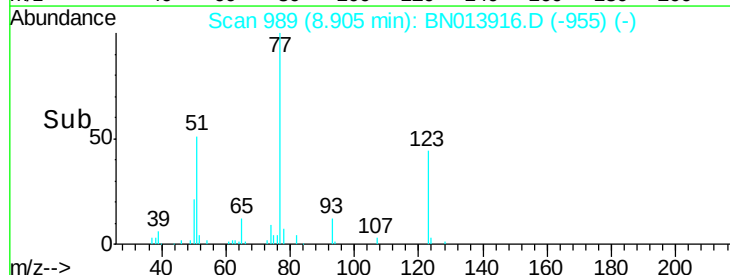
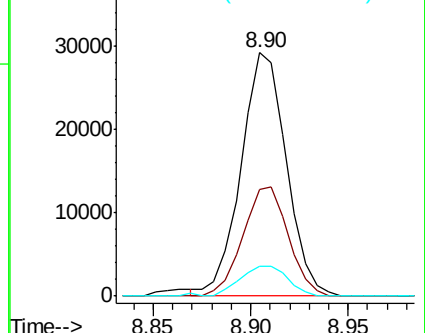
65 12.4 11.0 16.4

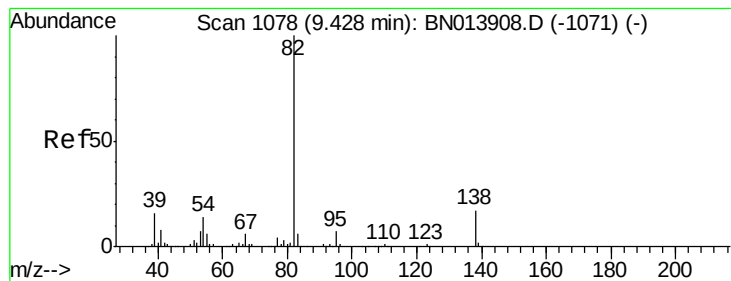


Abundance Ion 77.00 (76.70 to 77.70): BNO

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BNO





#21

Isophorone

Concen: 3.064 ng/ul

RT: 9.43 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-07

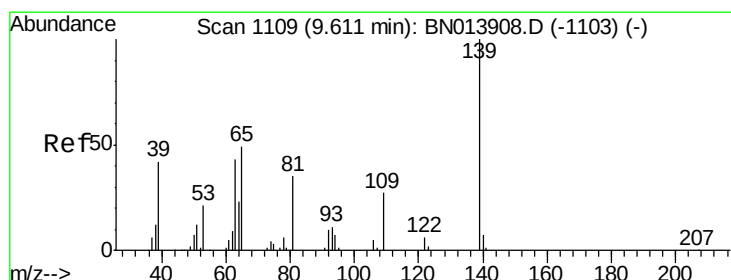
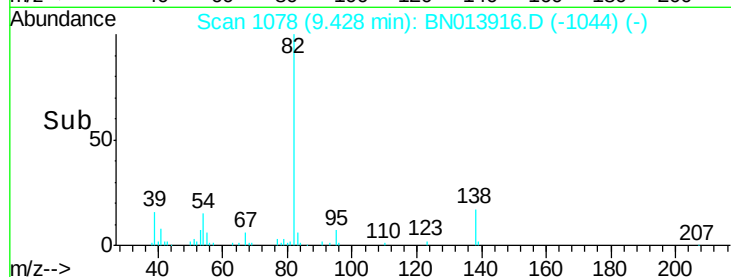
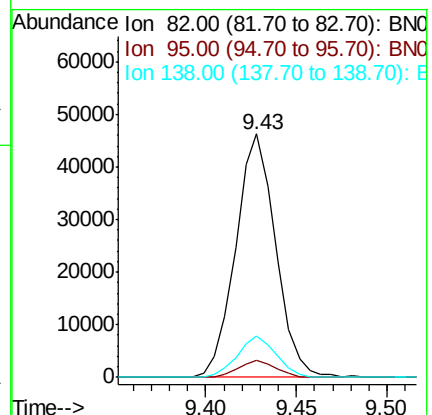
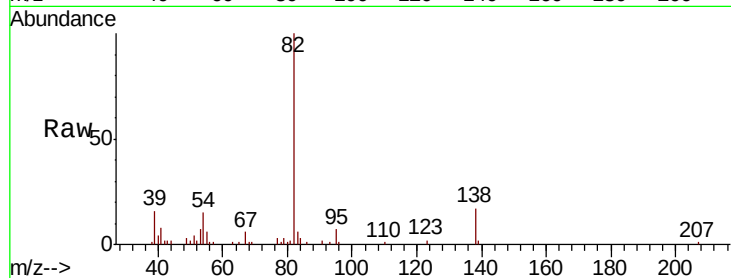
Tot Ion: 82 Resp: 70751

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 17.0 13.8 20.6



#23

2-Nitrophenol

Concen: 3.664 ng/ul

RT: 9.61 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

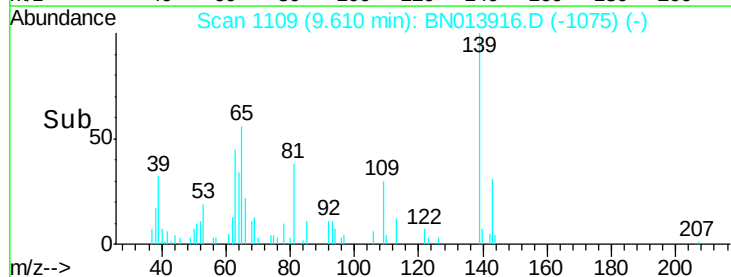
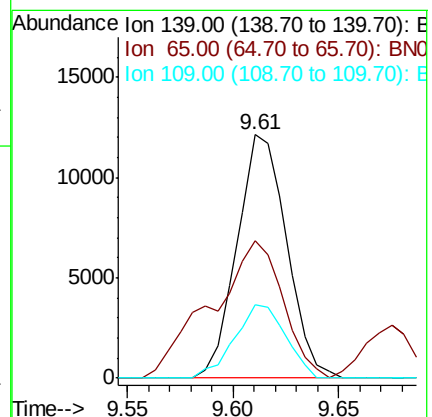
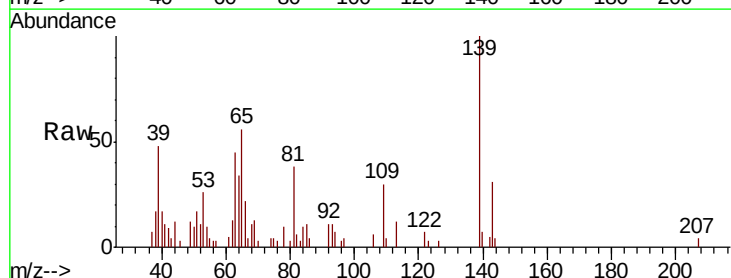
Tgt Ion: 139 Resp: 19708

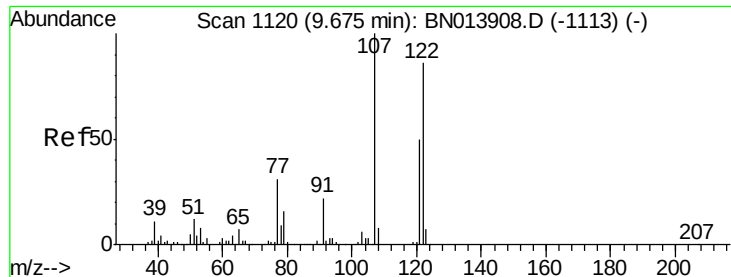
Ion Ratio Lower Upper

139 100

65 56.2 43.9 65.9

109 30.3 24.2 36.4

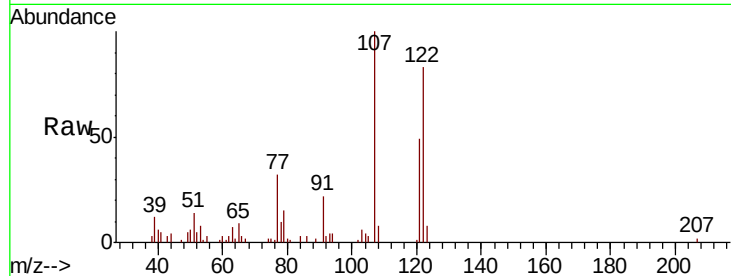




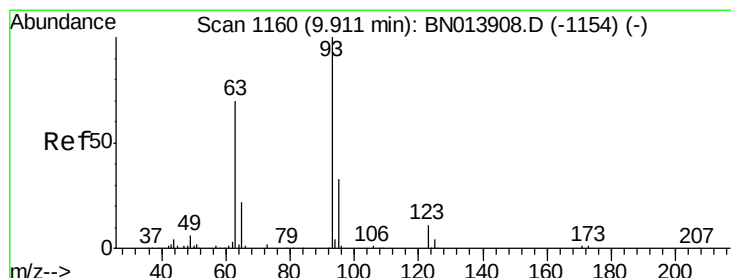
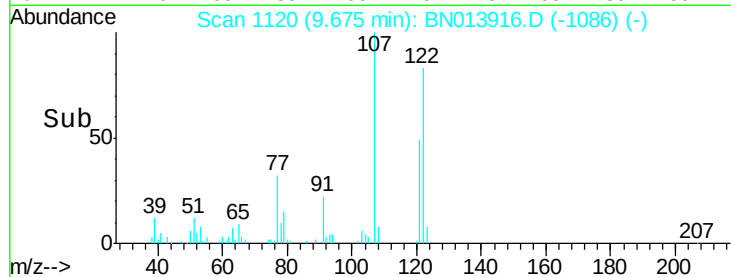
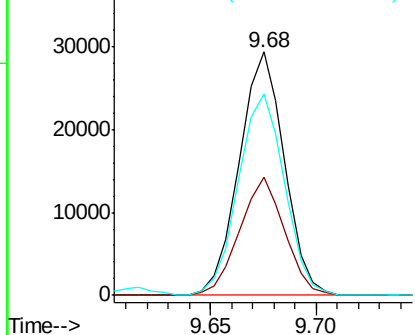
#24
 2,4-Dimethylphenol
 Concen: 3.441 ng/ul
 RT: 9.68 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: BN013916.D
 Acq: 11 Mar 2021 14:47

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-07

Tot Ion: 107 Resp: 43591
 Ion Ratio Lower Upper
 107 100
 121 48.8 40.6 61.0
 122 82.9 67.0 100.6

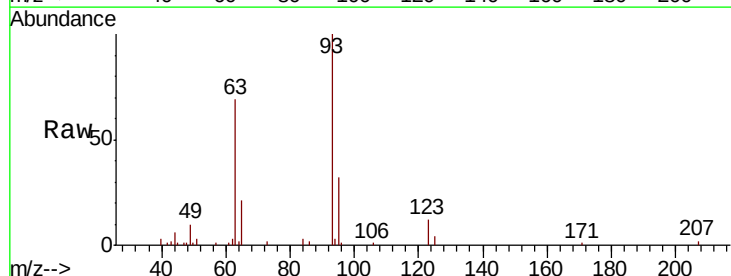


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E
 Ion 122.00 (121.70 to 122.70): E

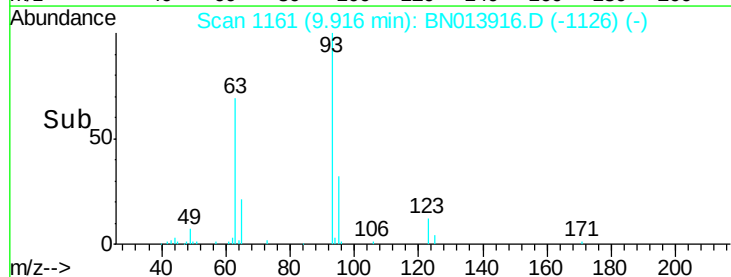
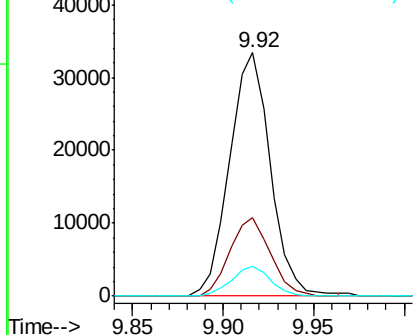


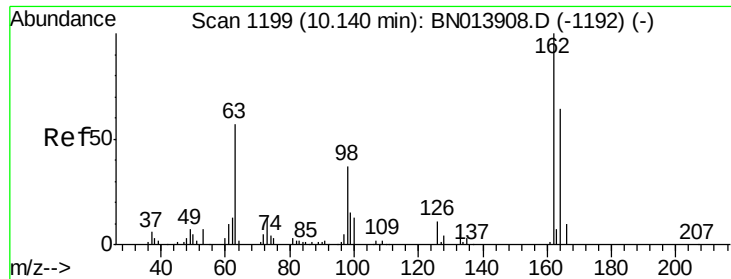
#25
 Bis(2-Chloroethoxy)methane
 Concen: 3.392 ng/ul
 RT: 9.92 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: BN013916.D
 Acq: 11 Mar 2021 14:47

Tgt Ion: 93 Resp: 52289
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.2 39.2
 123 12.1 8.7 13.1



Abundance Ion 93.00 (92.70 to 93.70): BN0
 Ion 95.00 (94.70 to 95.70): BN0
 Ion 123.00 (122.70 to 123.70): E

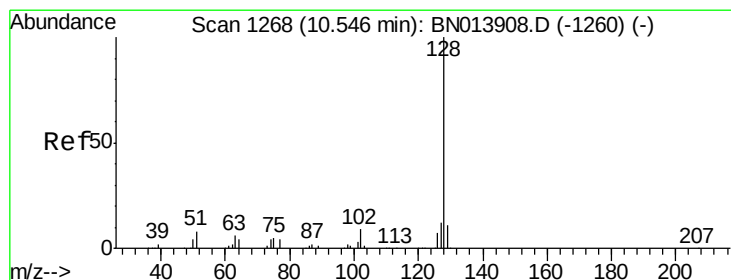
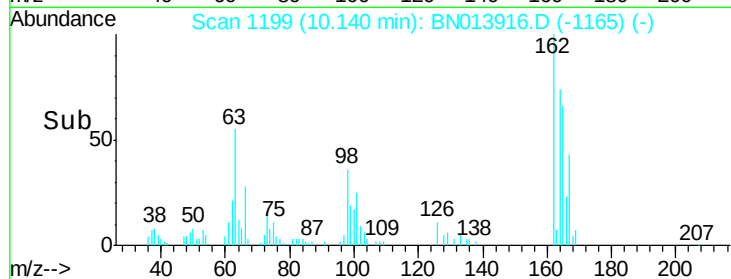
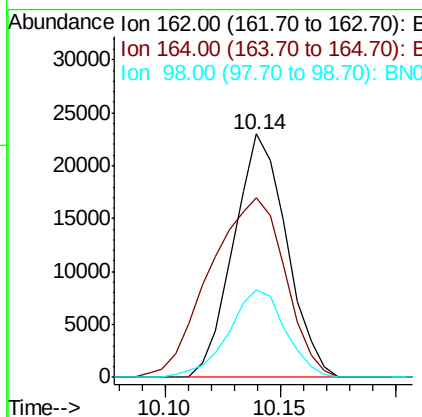
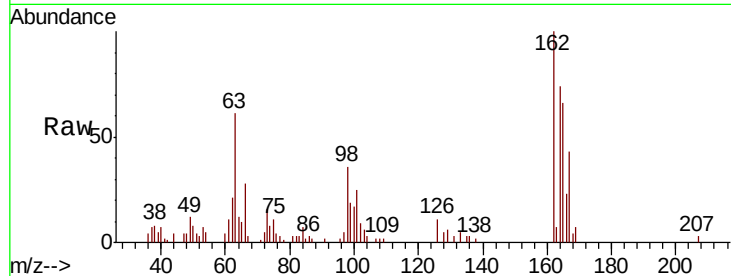




#27
 2,4-Dichlorophenol
 Concen: 3.566 ng/ul
 RT: 10.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BN013916.D
 Acq: 11 Mar 2021 14:47

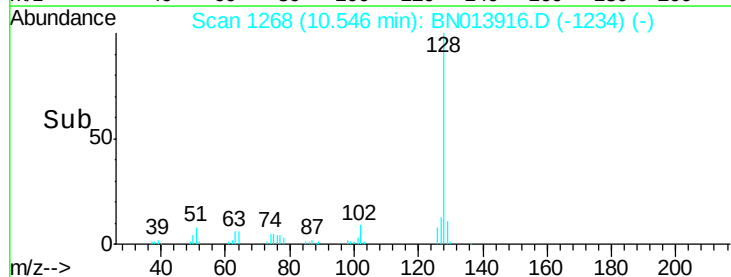
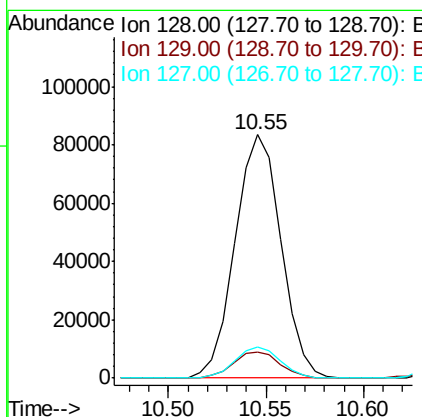
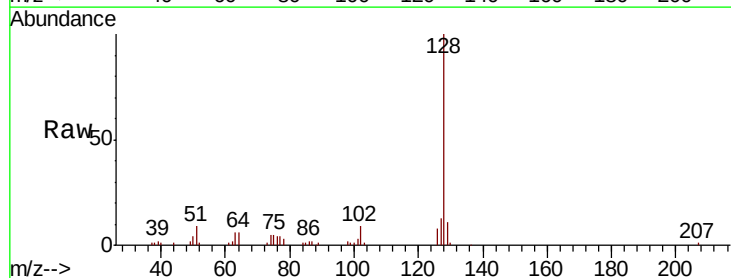
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-07

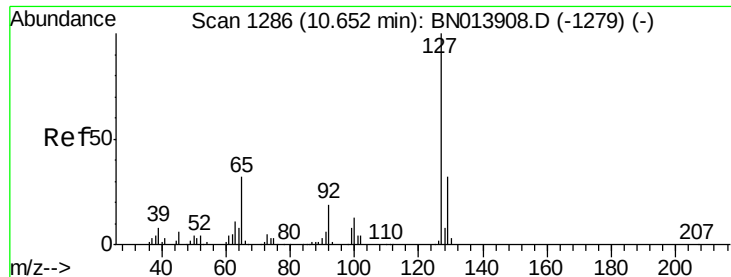
Tot Ion	Ratio	Lower	Upper
162	100		
164	73.9	51.0	76.6
98	36.0	28.6	43.0



#28
 Naphthalene
 Concen: 3.651 ng/ul
 RT: 10.55 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BN013916.D
 Acq: 11 Mar 2021 14:47

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.0	10.6	16.0

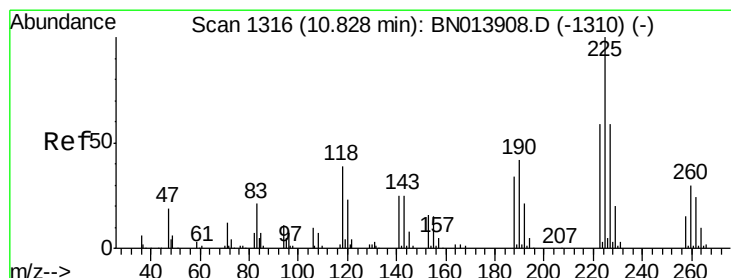
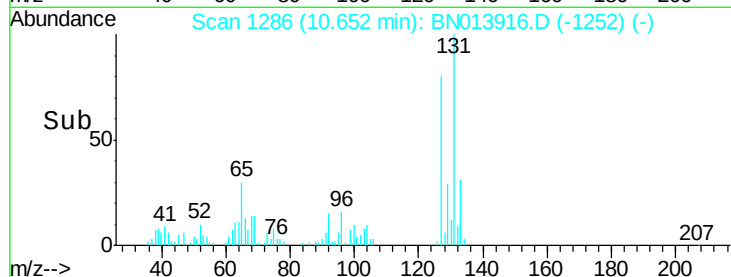
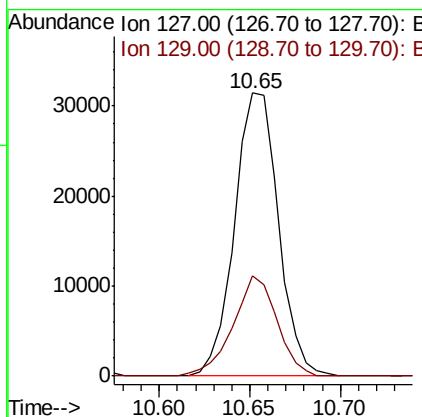
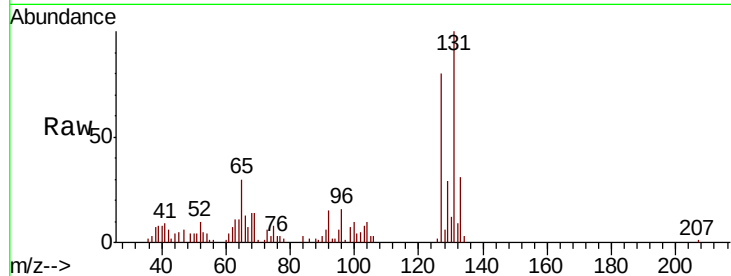




#30
4-Chloroaniline
Concen: 4.103 ng/ul
RT: 10.65 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BN013916.D
Acq: 11 Mar 2021 14:47

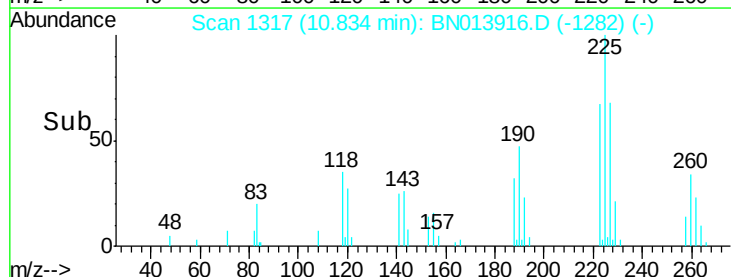
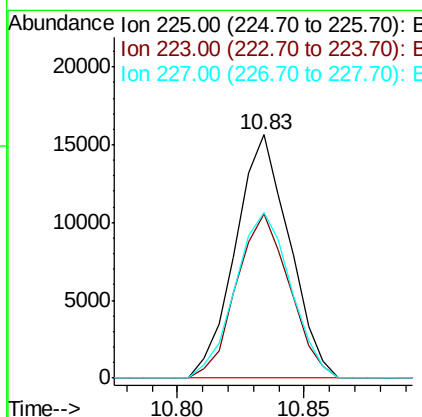
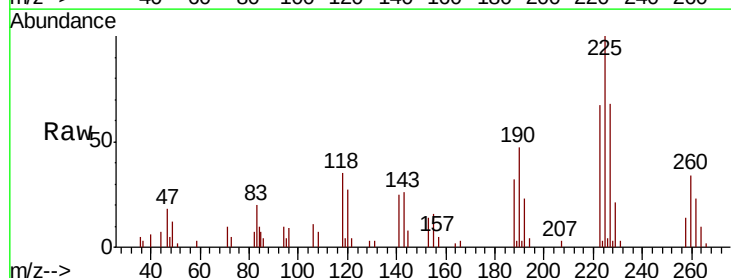
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-07

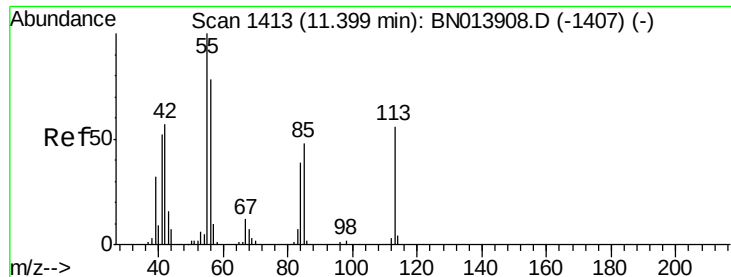
Tot Ion:127 Resp: 53021
Ion Ratio Lower Upper
127 100
129 35.7 26.4 39.6



#31
Hexachlorobutadiene
Concen: 3.507 ng/ul
RT: 10.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BN013916.D
Acq: 11 Mar 2021 14:47

Tgt Ion:225 Resp: 23083
Ion Ratio Lower Upper
225 100
223 67.5 50.6 76.0
227 70.7 51.0 76.4





#32

Caprolactam

Concen: 2.077 ng/ul

RT: 11.42 min Scan# 1417

Delta R.T. 0.02 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-07

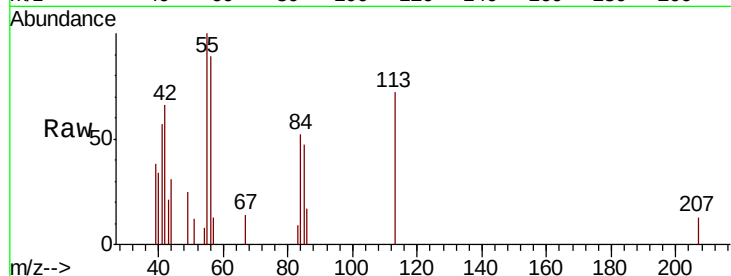
Tot Ion:113 Resp: 6499

Ion Ratio Lower Upper

113 100

55 138.8 145.6 218.4#

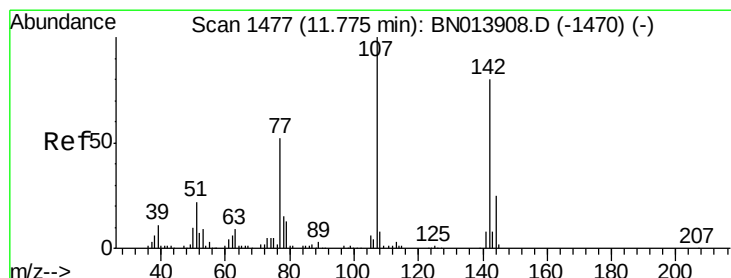
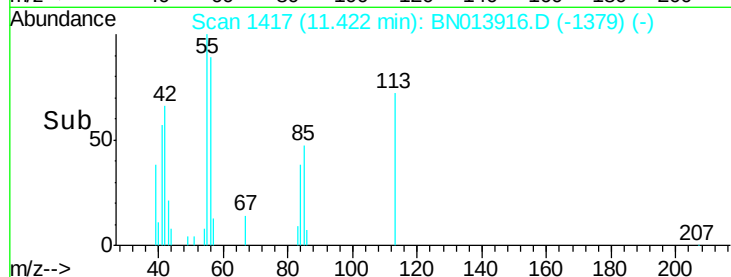
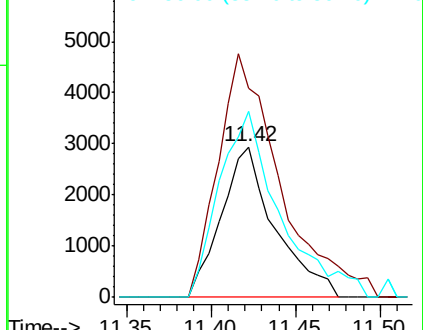
56 124.0 103.3 154.9



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: 2.961 ng/ul

RT: 11.78 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

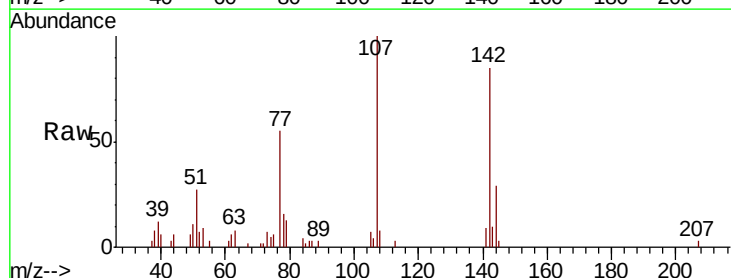
Tgt Ion:107 Resp: 31197

Ion Ratio Lower Upper

107 100

144 29.0 21.6 32.4

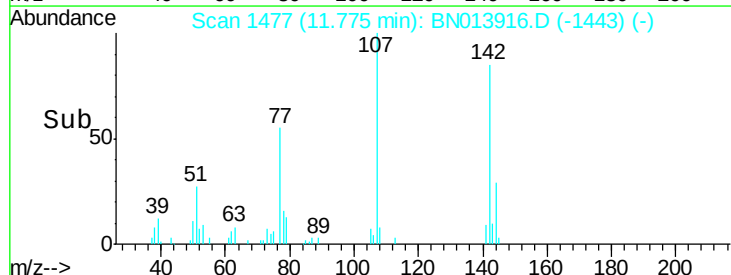
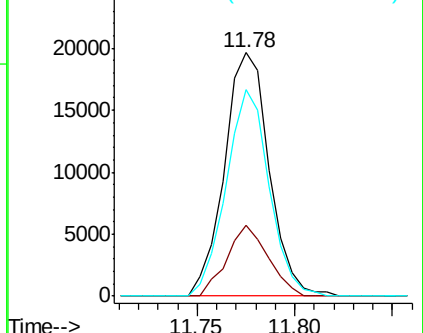
142 84.6 64.0 96.0

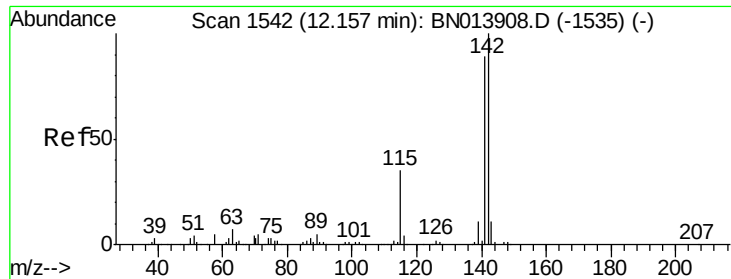


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

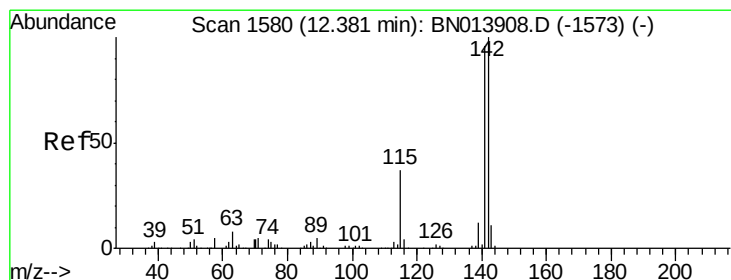
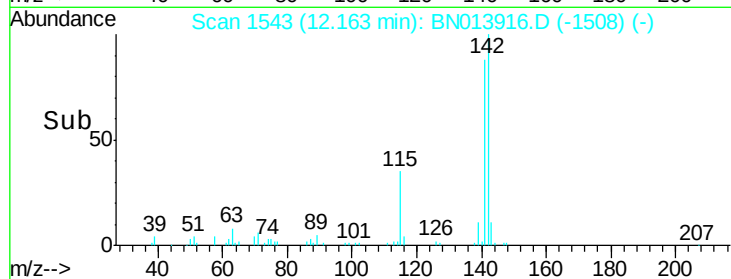
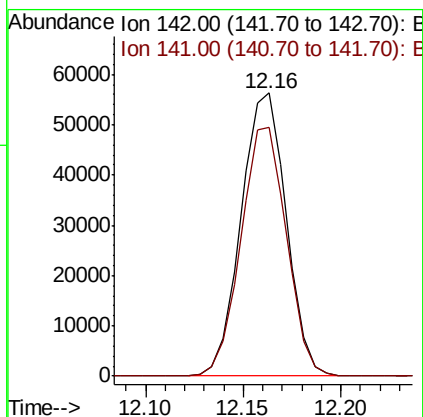
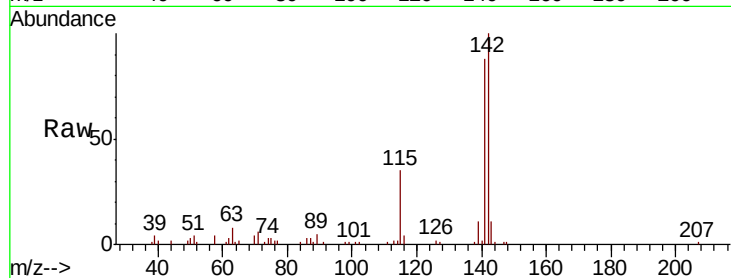




#34
 2-Methylnaphthalene
 Concen: 3.546 ng/ul
 RT: 12.16 min Scan# 1543
 Delta R.T. 0.01 min
 Lab File: BN013916.D
 Acq: 11 Mar 2021 14:47

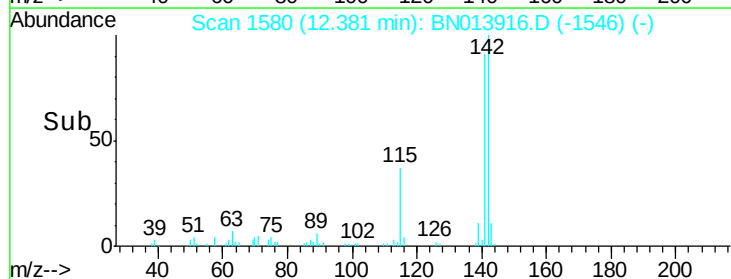
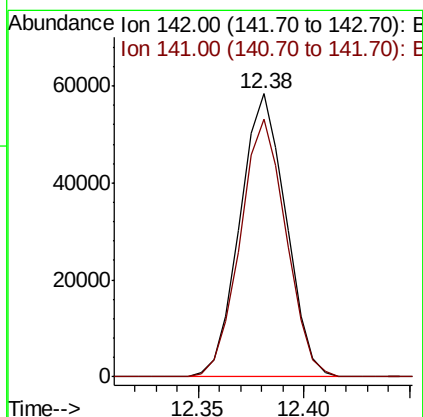
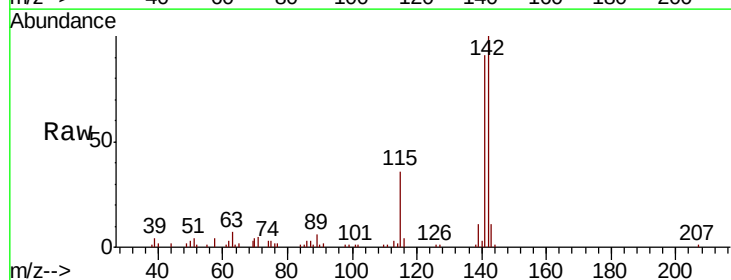
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-07

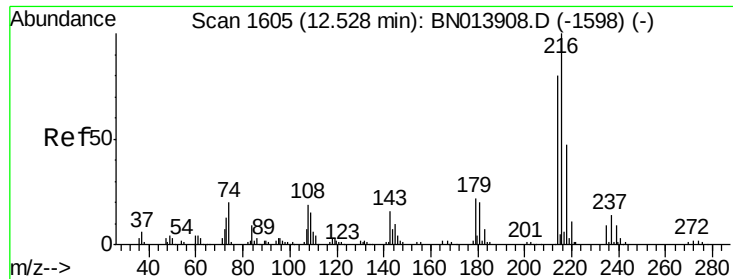
Tot Ion:142 Resp: 90344
 Ion Ratio Lower Upper
 142 100
 141 87.8 72.5 108.7



#35
 1-Methylnaphthalene
 Concen: 3.603 ng/ul
 RT: 12.38 min Scan# 1580
 Delta R.T. -0.00 min
 Lab File: BN013916.D
 Acq: 11 Mar 2021 14:47

Tgt Ion:142 Resp: 88478
 Ion Ratio Lower Upper
 142 100
 141 91.0 74.3 111.5

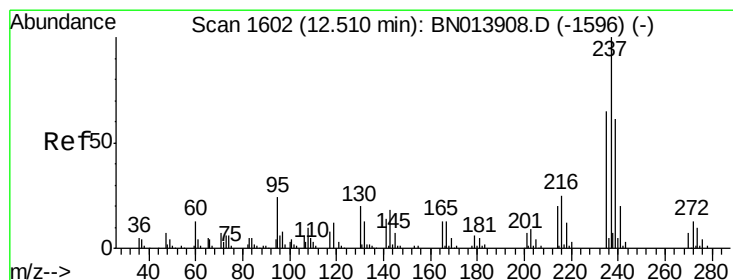
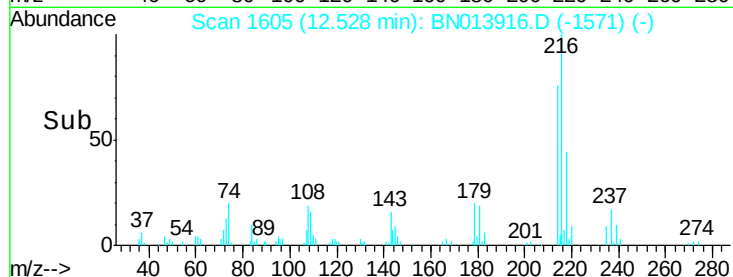
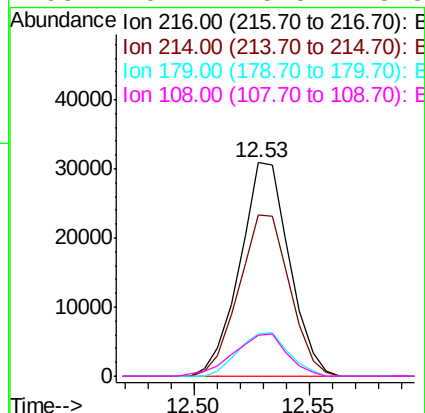
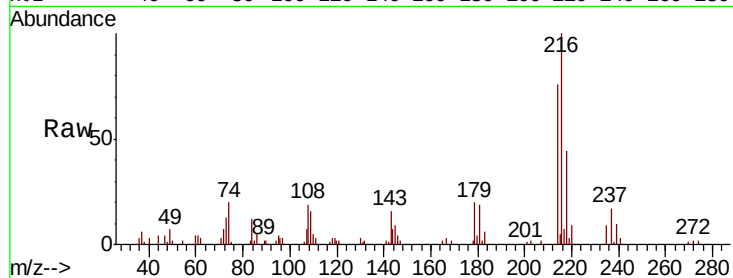




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.600 ng/ul
 RT: 12.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BN013916.D
 Acq: 11 Mar 2021 14:47

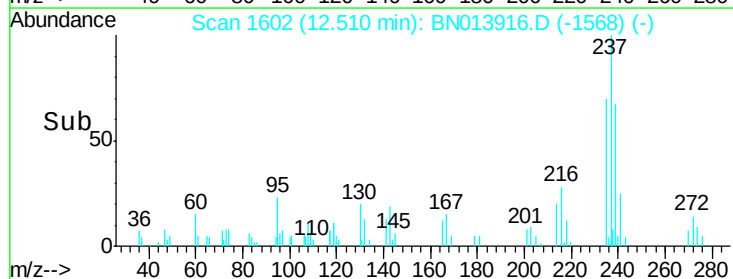
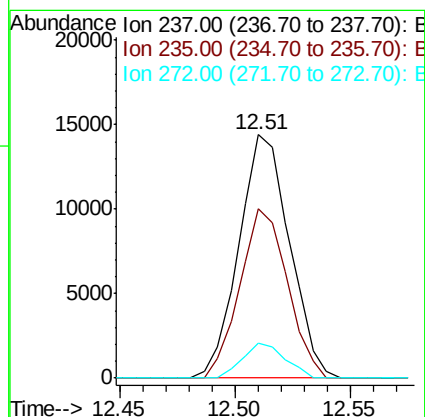
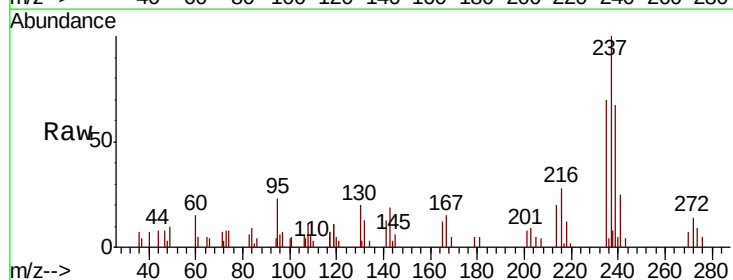
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-07

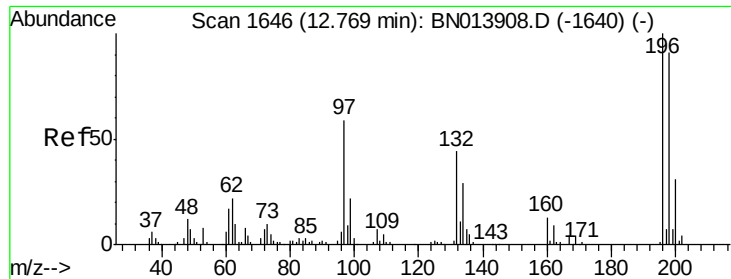
Tot Ion:216	Resp:	46113	
Ion Ratio	Lower	Upper	
216	100		
214	75.7	63.0	94.6
179	20.1	16.4	24.6
108	19.2	15.5	23.3



#38
 Hexachlorocyclopentadiene
 Concen: 2.889 ng/ul
 RT: 12.51 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BN013916.D
 Acq: 11 Mar 2021 14:47

Tgt	Ion:237	Resp:	22029
Ion	Ratio	Lower	Upper
237	100		
235	69.7	51.4	77.0
272	14.2	11.0	16.4

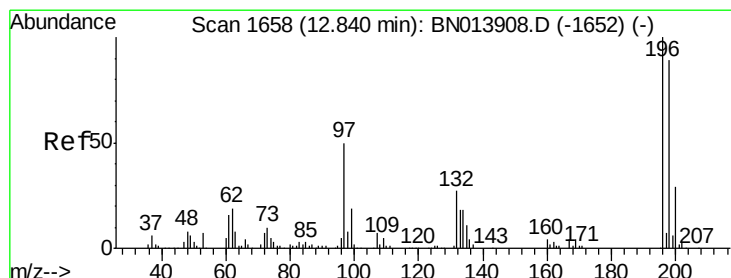
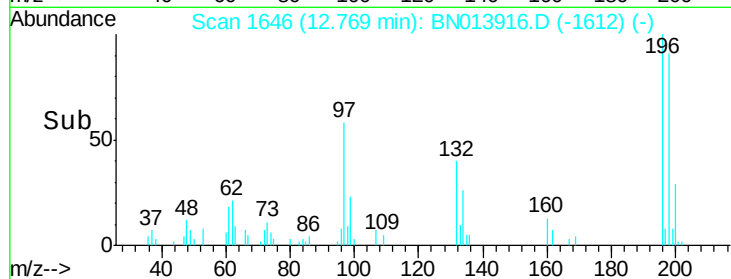
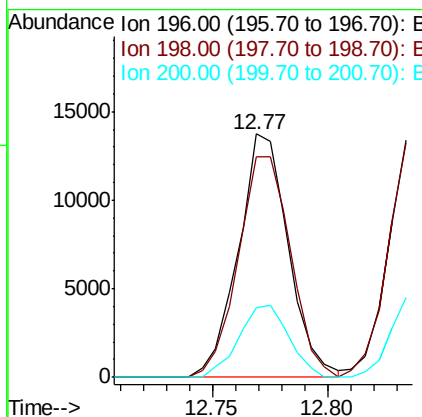
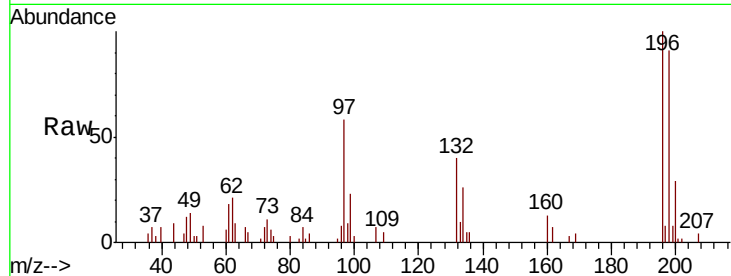




#39
 2,4,6-Trichlorophenol
 Concen: 2.807 ng/ul
 RT: 12.77 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: BN013916.D
 Acq: 11 Mar 2021 14:47

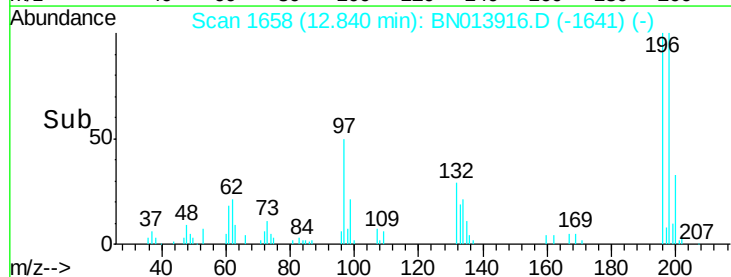
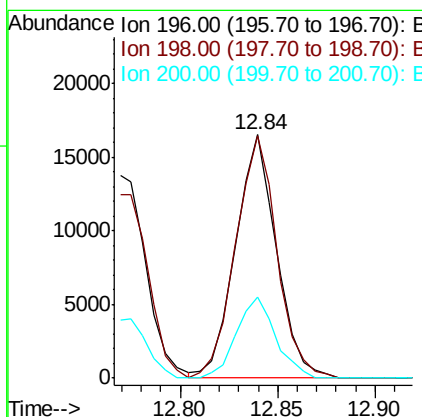
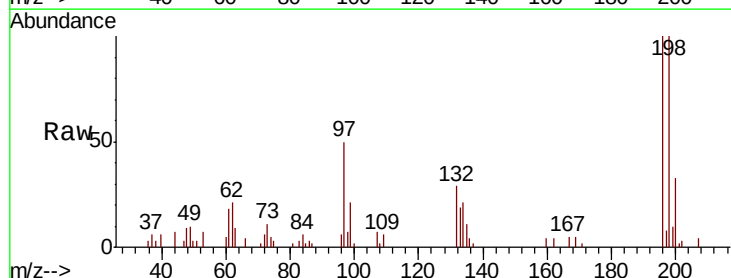
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-07

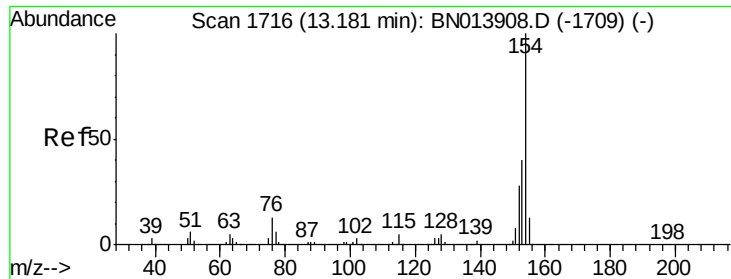
Tot Ion:196 Resp: 20751
 Ion Ratio Lower Upper
 196 100
 198 90.6 78.6 118.0
 200 28.5 23.7 35.5



#40
 2,4,5-Trichlorophenol
 Concen: 2.960 ng/ul
 RT: 12.84 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BN013916.D
 Acq: 11 Mar 2021 14:47

Tgt Ion:196 Resp: 24007
 Ion Ratio Lower Upper
 196 100
 198 99.6 73.3 109.9
 200 33.2 24.0 36.0

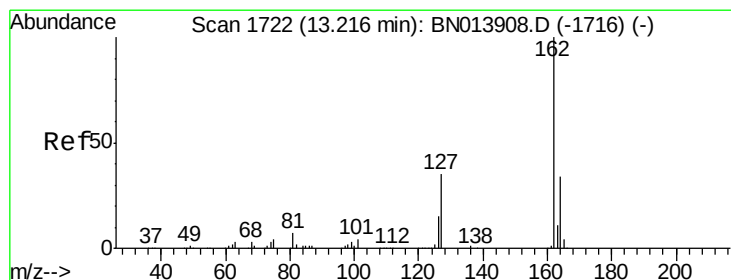
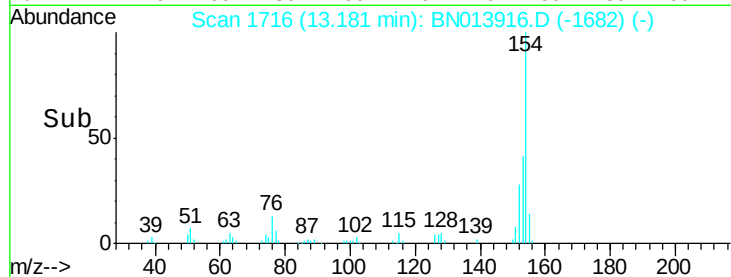
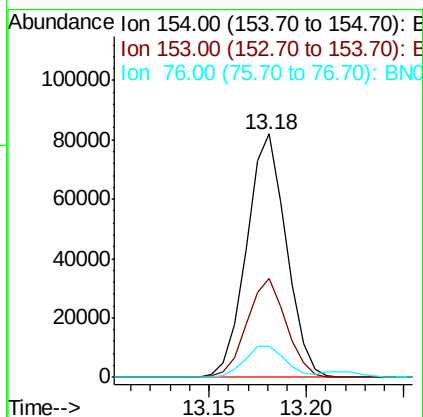
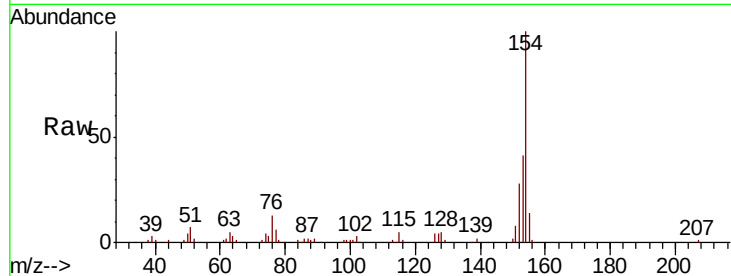




#41
 1,1'-Biphenyl
 Concen: 3.605 ng/ul
 RT: 13.18 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BN013916.D
 Acq: 11 Mar 2021 14:47

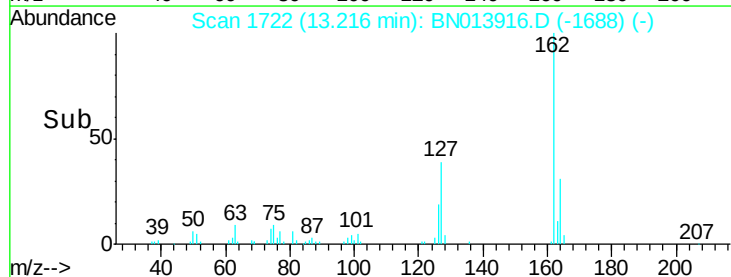
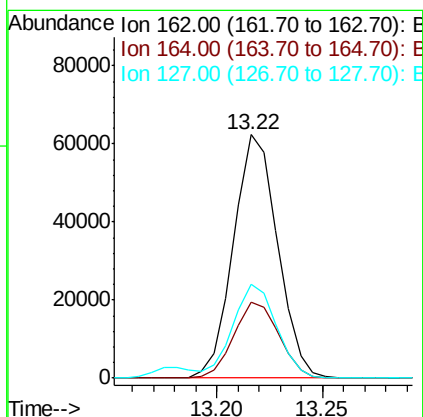
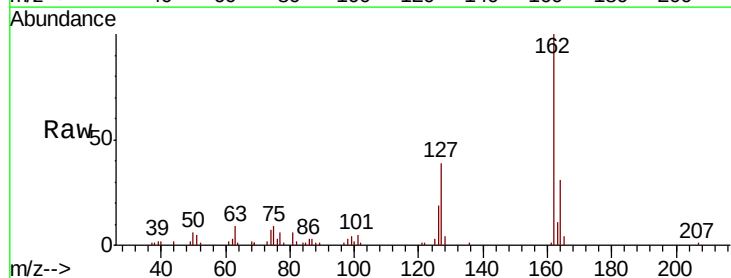
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-07

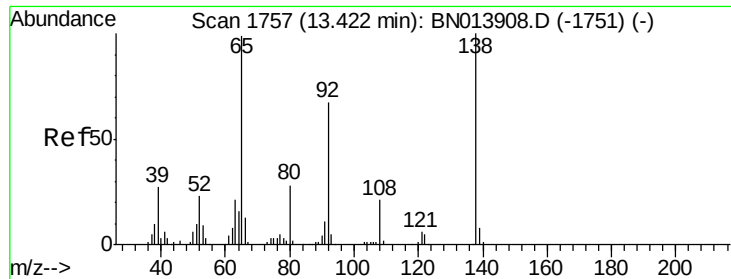
Tot Ion:154 Resp: 115314
 Ion Ratio Lower Upper
 154 100
 153 40.8 31.8 47.6
 76 12.9 11.0 16.6



#42
 2-Chloronaphthalene
 Concen: 3.609 ng/ul
 RT: 13.22 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BN013916.D
 Acq: 11 Mar 2021 14:47

Tgt Ion:162 Resp: 90268
 Ion Ratio Lower Upper
 162 100
 164 31.4 25.3 37.9
 127 38.5 30.9 46.3





#43

2-Nitroaniline

Concen: 2.697 ng/ul

RT: 13.42 min Scan# 1757

Delta R.T. -0.00 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-07

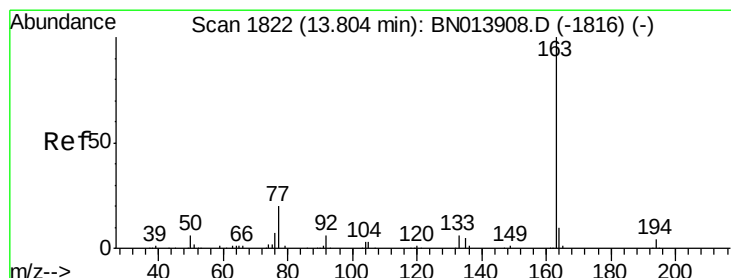
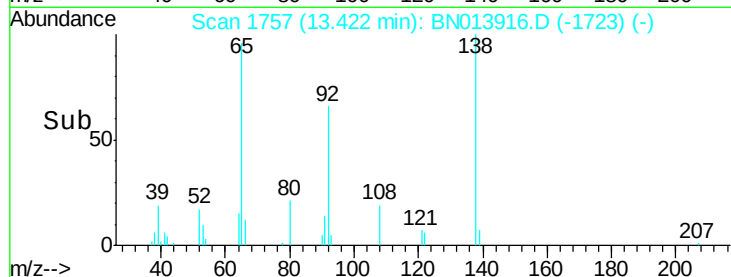
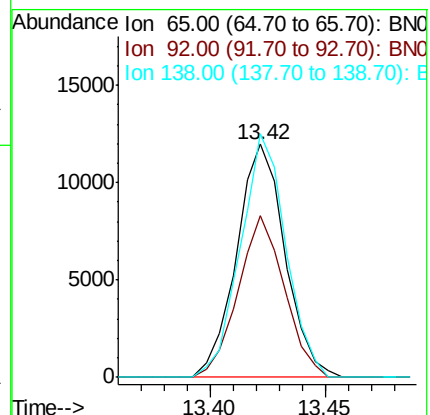
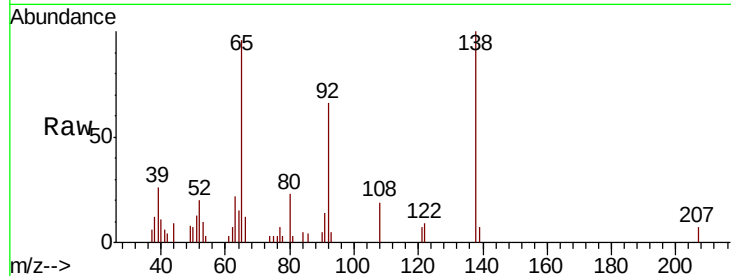
Tot Ion: 65 Resp: 17488

Ion Ratio Lower Upper

65 100

92 69.2 53.4 80.2

138 104.6 81.6 122.4



#45

Dimethylphthalate

Concen: 3.643 ng/ul

RT: 13.80 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

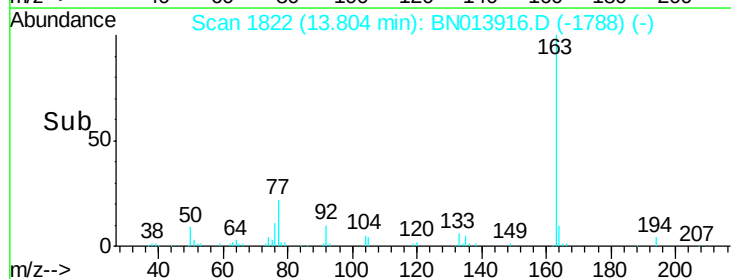
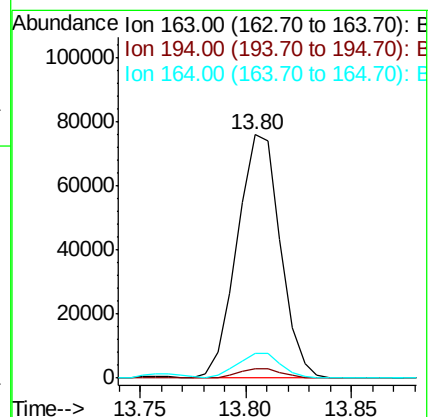
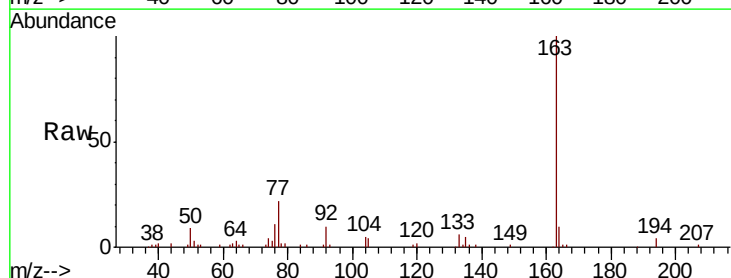
Tgt Ion:163 Resp: 107676

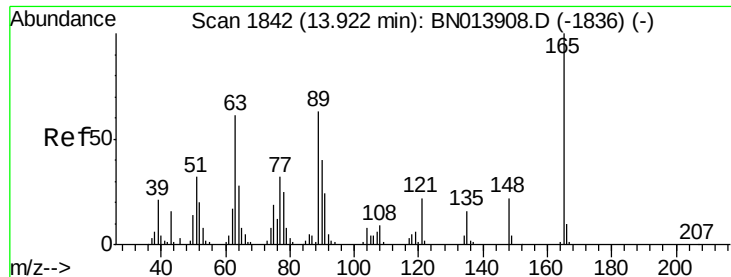
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.2 8.3 12.5

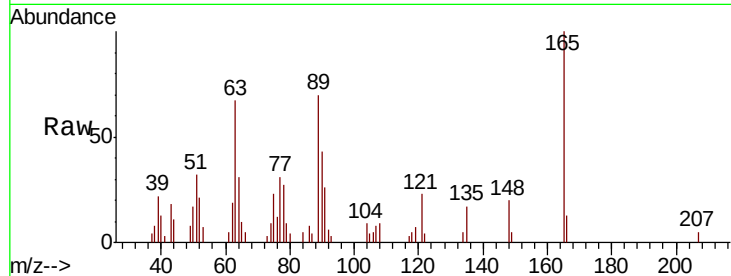




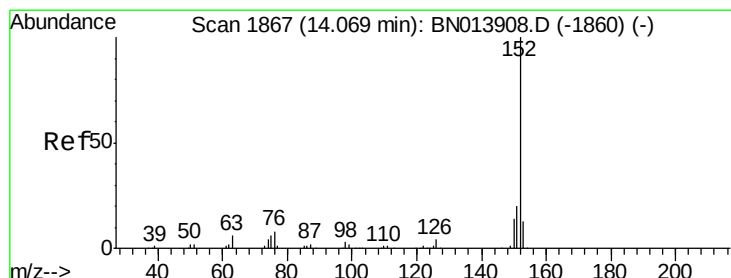
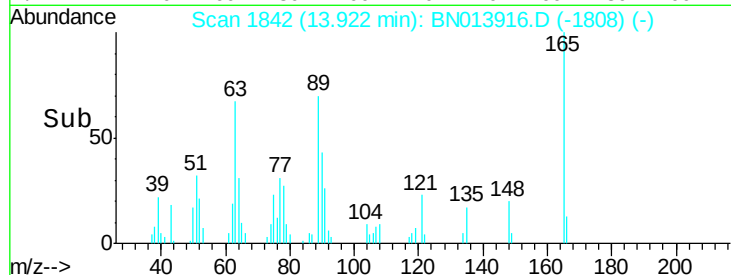
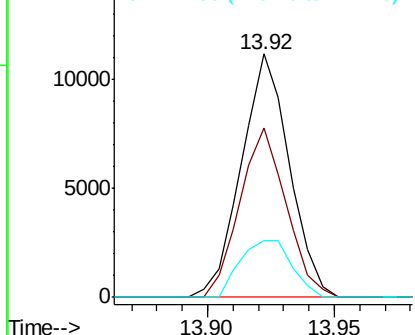
#46
2,6-Dinitrotoluene
Concen: 2.783 ng/ul
RT: 13.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BN013916.D
Acq: 11 Mar 2021 14:47

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-07

Tot Ion:165 Resp: 14742
Ion Ratio Lower Upper
165 100
89 69.7 51.8 77.8
121 23.3 18.6 28.0

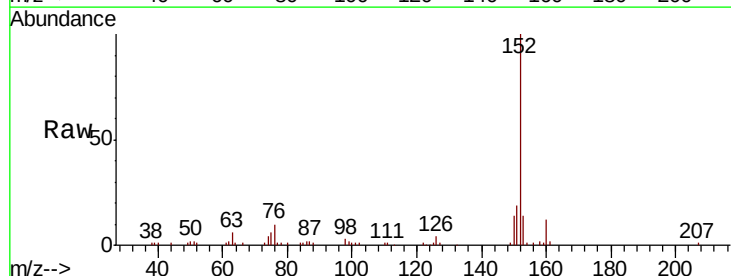


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BNO
Ion 121.00 (120.70 to 121.70): E

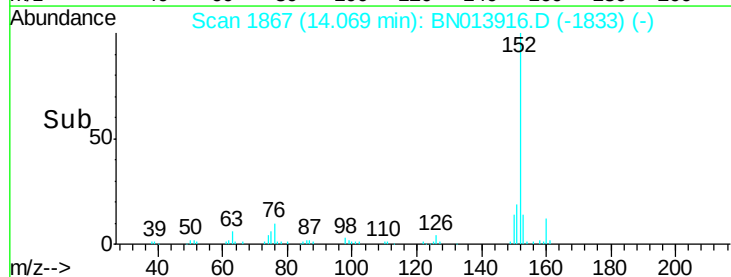
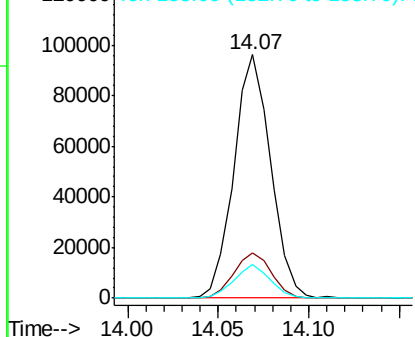


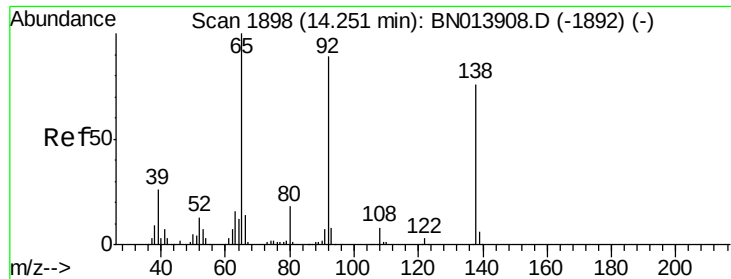
#48
Acenaphthylene
Concen: 3.702 ng/ul
RT: 14.07 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BN013916.D
Acq: 11 Mar 2021 14:47

Tgt Ion:152 Resp: 135586
Ion Ratio Lower Upper
152 100
151 18.8 16.0 24.0
153 14.1 10.5 15.7



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





#49

3-Nitroaniline

Concen: 2.843 ng/ul

RT: 14.25 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-07

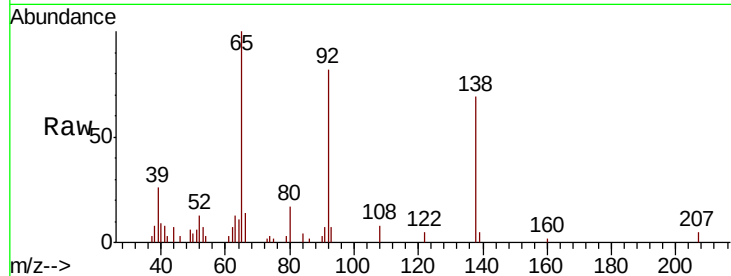
Tot Ion:138 Resp: 16378

Ion Ratio Lower Upper

138 100

108 11.4 8.6 12.8

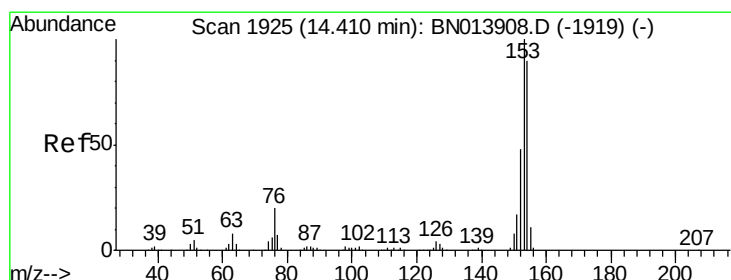
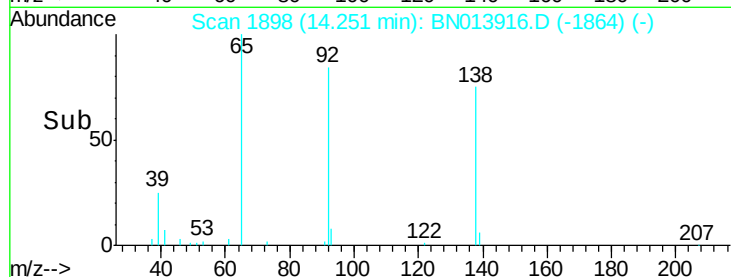
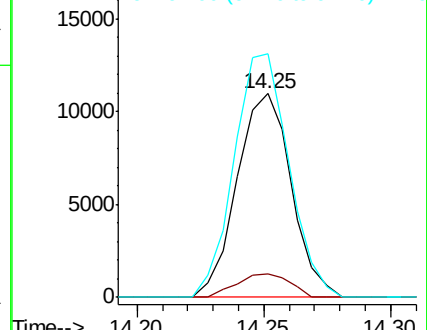
92 119.6 93.0 139.4



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): B



#50

Acenaphthene

Concen: 3.607 ng/ul

RT: 14.42 min Scan# 1926

Delta R.T. 0.01 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

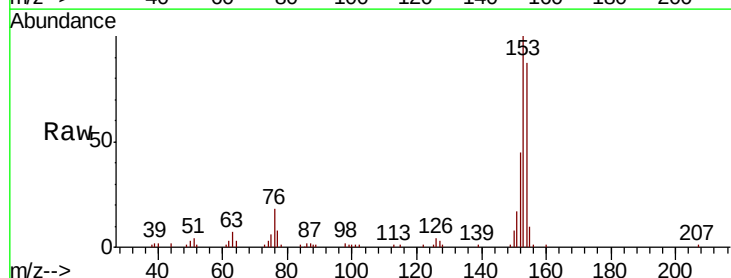
Tgt Ion:153 Resp: 96387

Ion Ratio Lower Upper

153 100

152 45.1 37.4 56.0

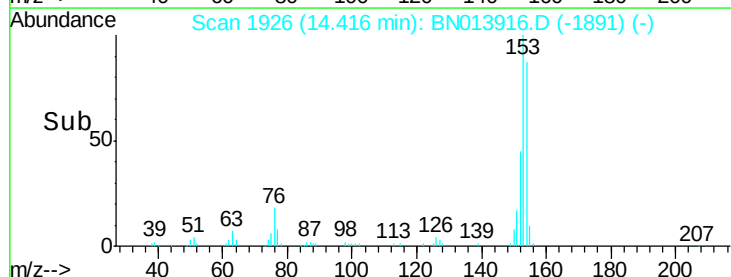
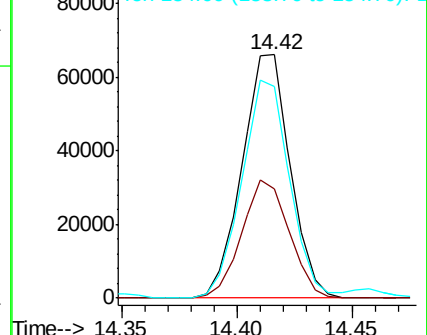
154 86.9 68.4 102.6

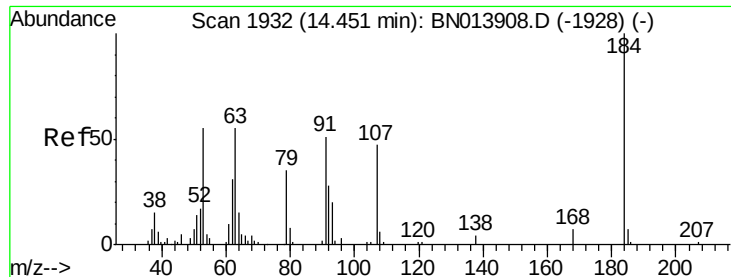


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

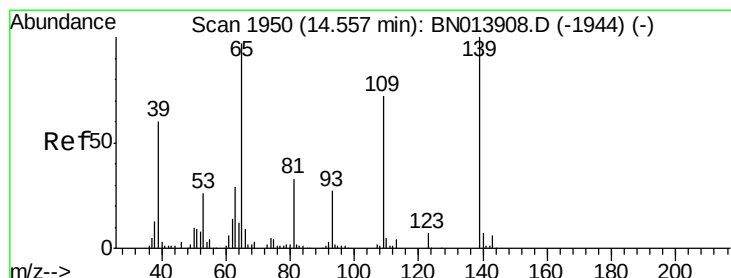
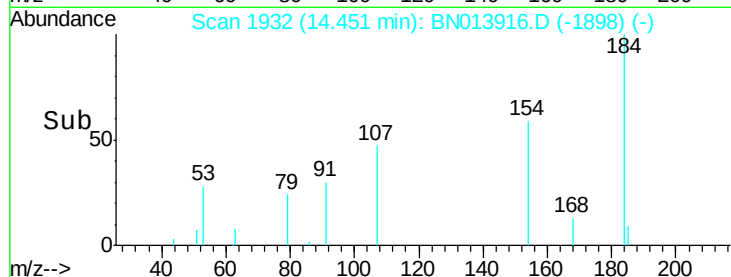
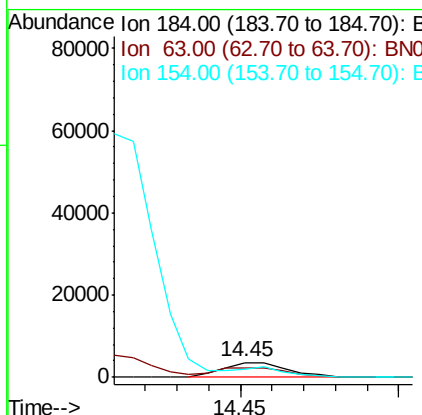
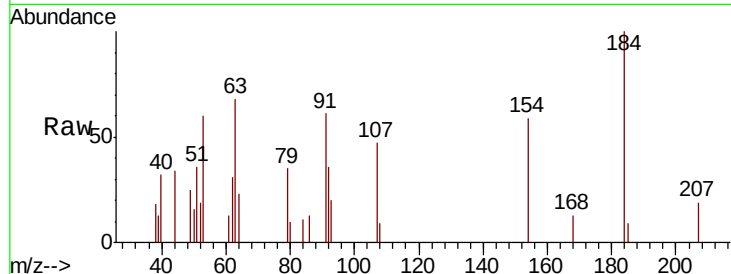




#51
 2,4-Dinitrophenol
 Concen: 1.812 ng/ul
 RT: 14.45 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: BN013916.D
 Acq: 11 Mar 2021 14:47

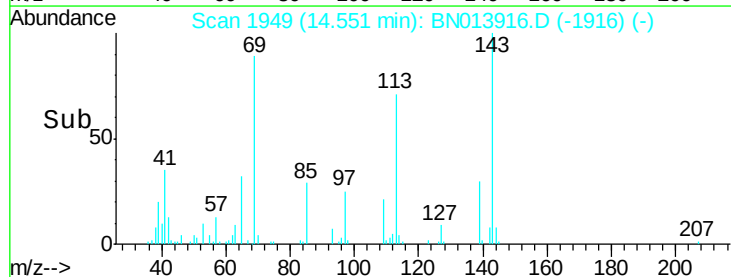
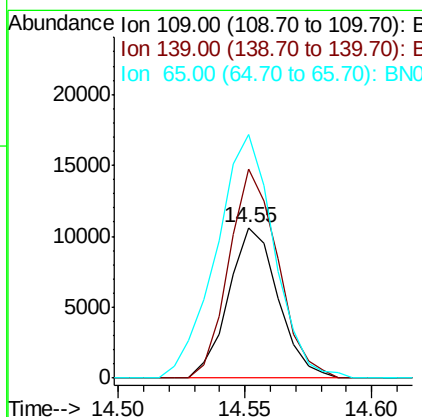
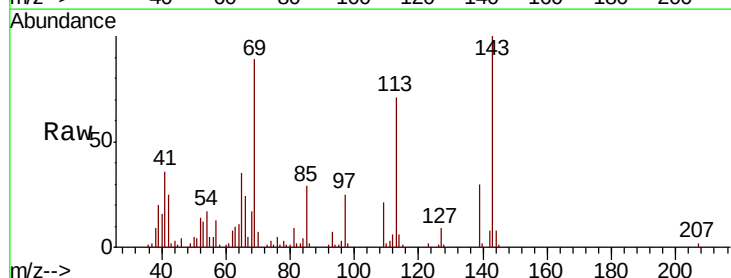
Instrument :
 BNA_N
 ClientSampleID :
 MDL-SOIL-07

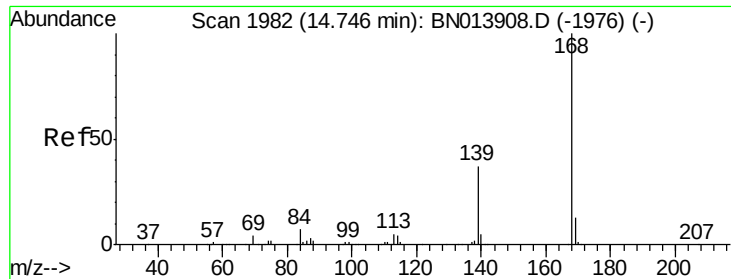
Tot Ion:184 Resp: 5052
 Ion Ratio Lower Upper
 184 100
 63 67.9 58.4 87.6
 154 59.3 49.4 74.2



#53
 4-Nitrophenol
 Concen: 3.346 ng/ul
 RT: 14.55 min Scan# 1949
 Delta R.T. -0.01 min
 Lab File: BN013916.D
 Acq: 11 Mar 2021 14:47

Tgt Ion:109 Resp: 14444
 Ion Ratio Lower Upper
 109 100
 139 138.7 104.1 156.1
 65 161.9 108.2 162.4





#54

Dibenzofuran

Concen: 3.695 ng/ul

RT: 14.75 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

Instrument :

BNA_N

ClientSampleId :

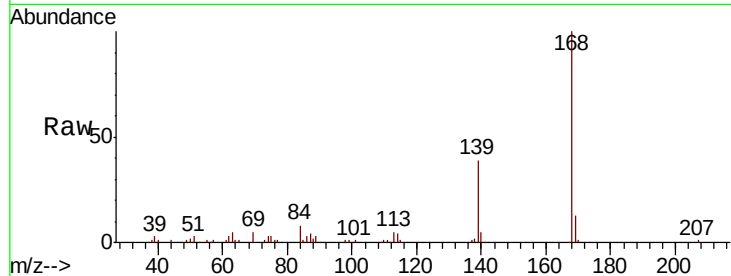
MDL-SOIL-07

Tot Ion:168 Resp: 136111

Ion Ratio Lower Upper

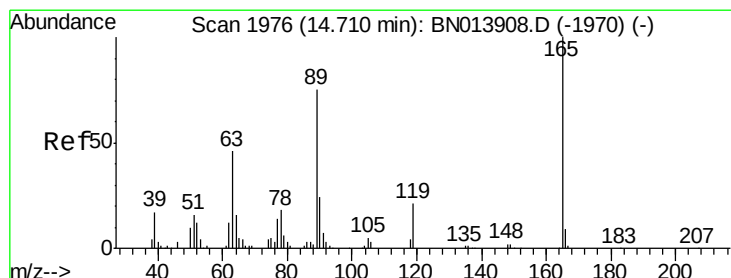
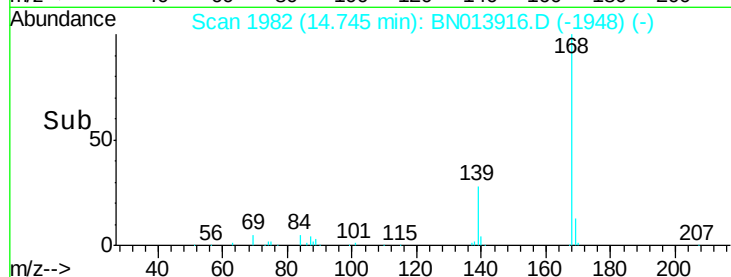
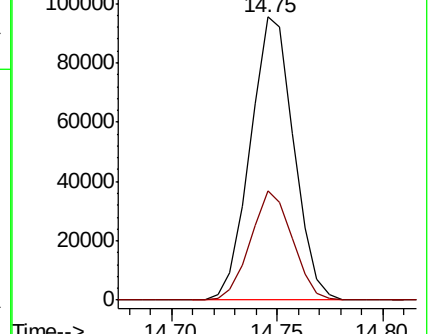
168 100

139 38.6 30.6 45.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 3.023 ng/ul

RT: 14.71 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

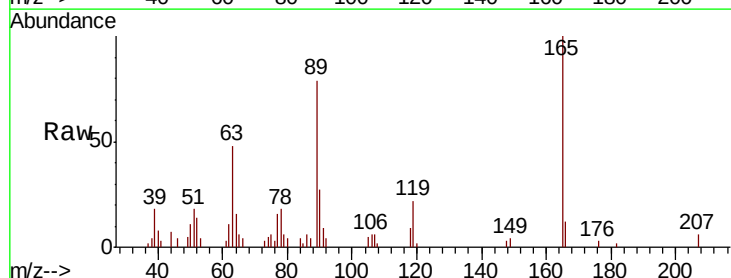
Tgt Ion:165 Resp: 22880

Ion Ratio Lower Upper

165 100

63 48.5 40.2 60.2

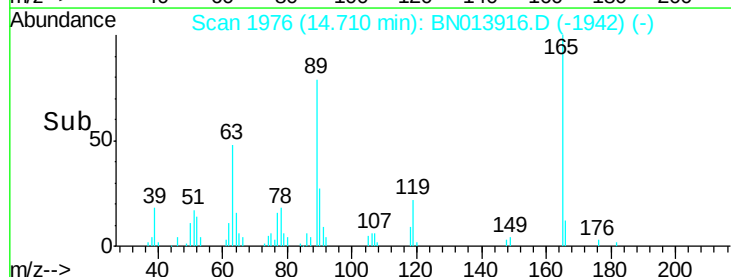
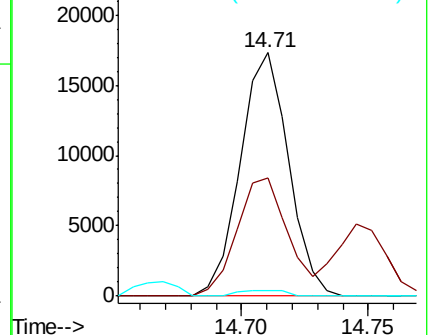
182 2.2 2.2 3.4#

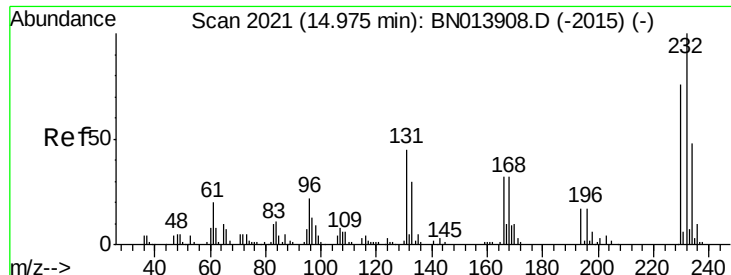


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 182.00 (181.70 to 182.70): E

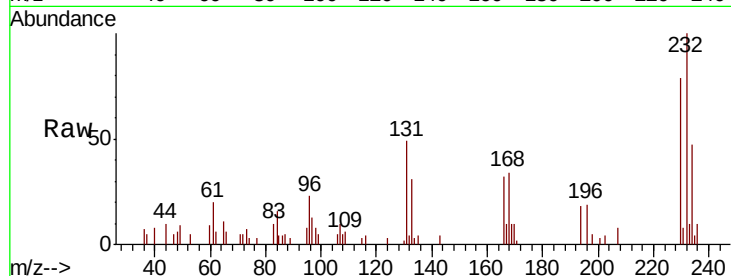




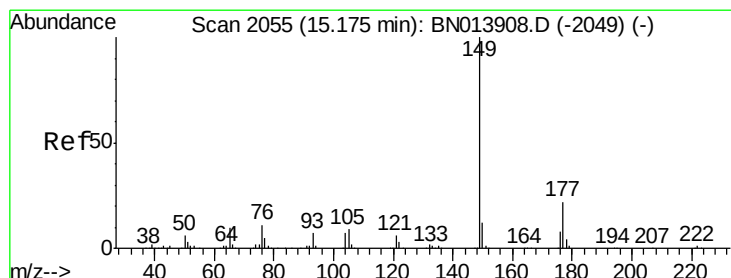
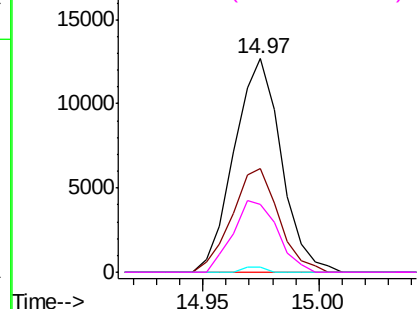
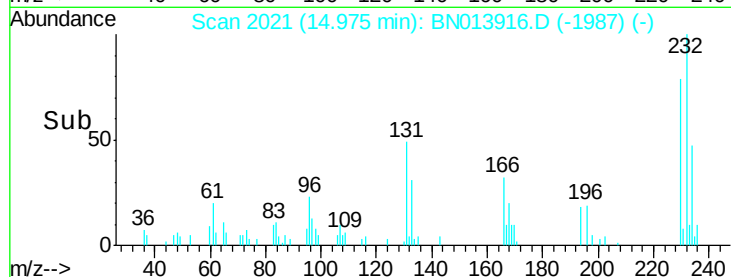
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 2.878 ng/ul
 RT: 14.97 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: BN013916.D
 Acq: 11 Mar 2021 14:47

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-07

Tot Ion:232 Resp: 18018
 Ion Ratio Lower Upper
 232 100
 131 48.7 37.4 56.2
 130 2.4 1.9 2.9
 166 31.6 24.7 37.1

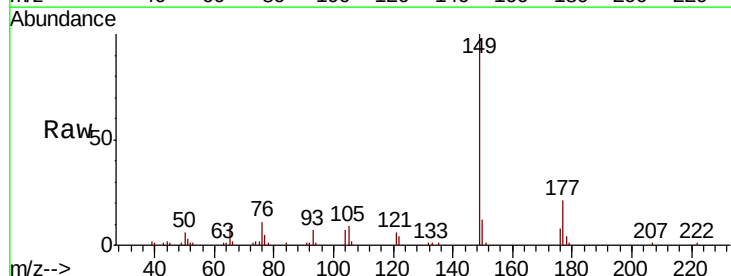


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

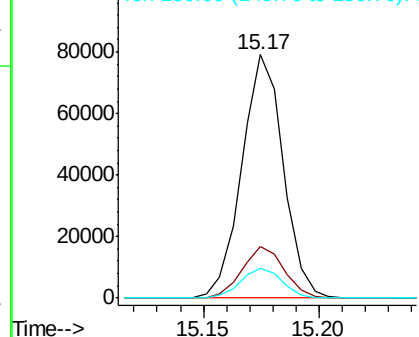
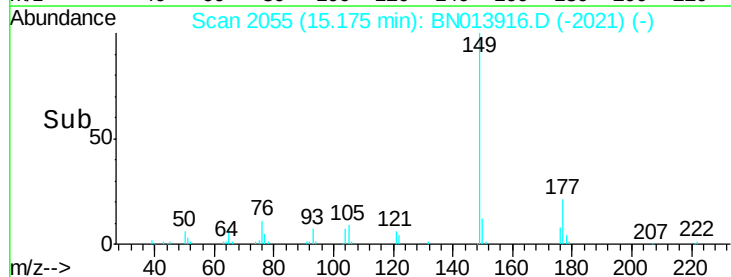


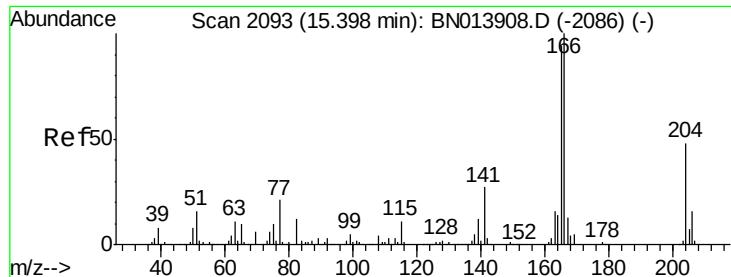
#57
 Diethylphthalate
 Concen: 3.354 ng/ul
 RT: 15.17 min Scan# 2055
 Delta R.T. -0.00 min
 Lab File: BN013916.D
 Acq: 11 Mar 2021 14:47

Tgt Ion:149 Resp: 99071
 Ion Ratio Lower Upper
 149 100
 177 21.0 17.7 26.5
 150 12.2 9.6 14.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 3.608 ng/ul

RT: 15.40 min Scan# 2093

Delta R.T. -0.00 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-07

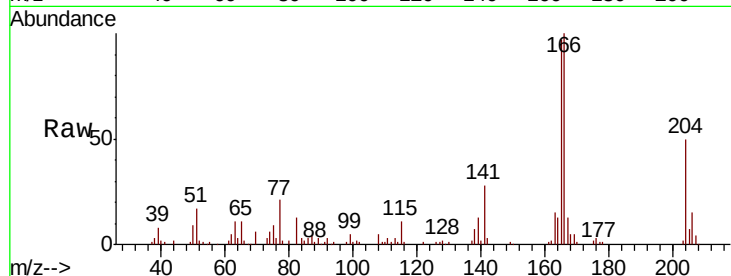
Tot Ion:166 Resp: 108154

Ion Ratio Lower Upper

166 100

165 97.0 79.5 119.3

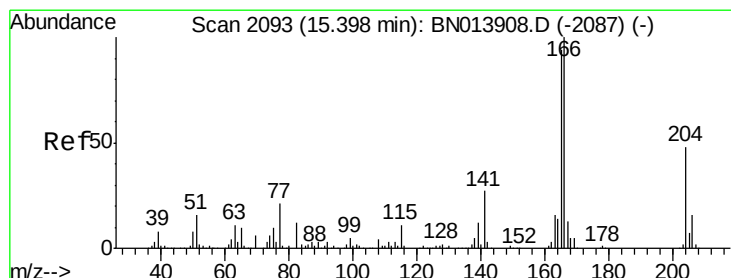
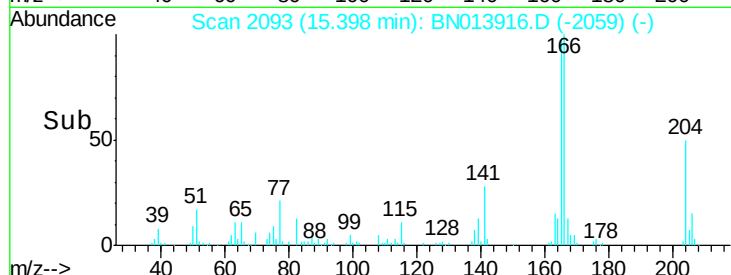
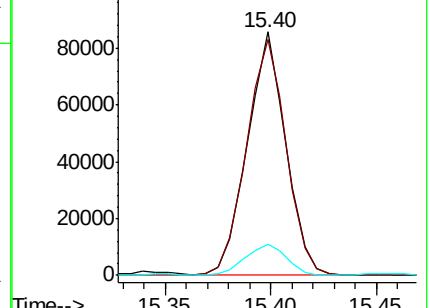
167 12.8 10.2 15.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 3.794 ng/ul

RT: 15.40 min Scan# 2093

Delta R.T. -0.00 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

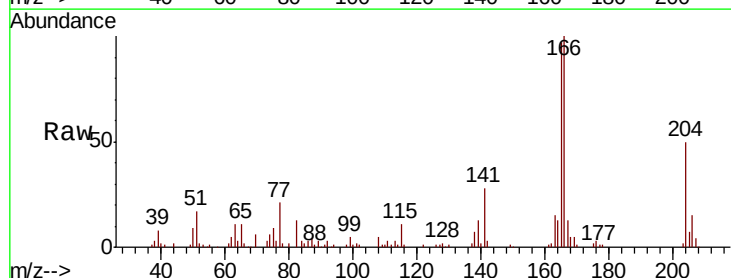
Tgt Ion:204 Resp: 54556

Ion Ratio Lower Upper

204 100

206 30.1 24.6 37.0

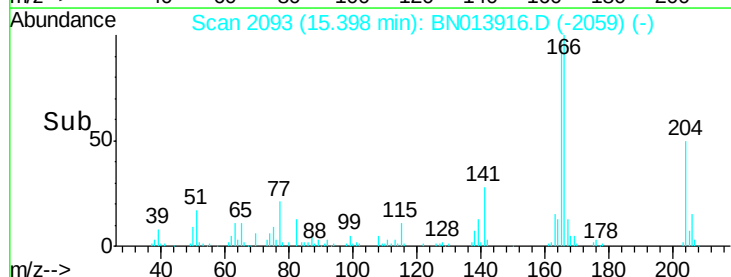
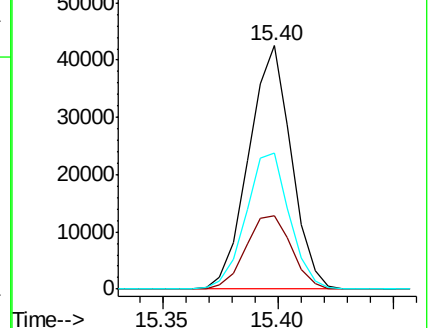
141 55.8 44.7 67.1

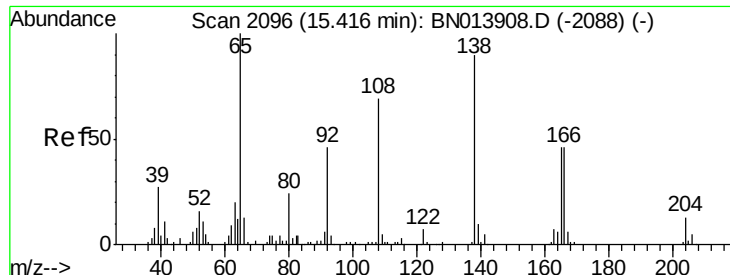


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

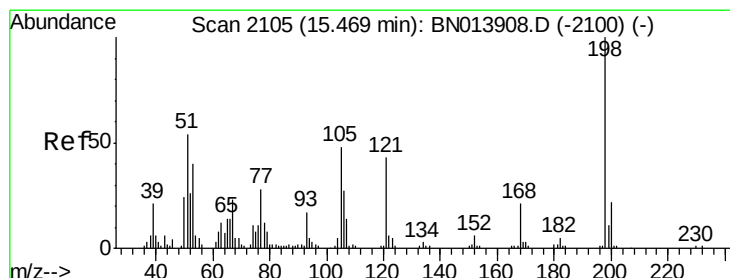
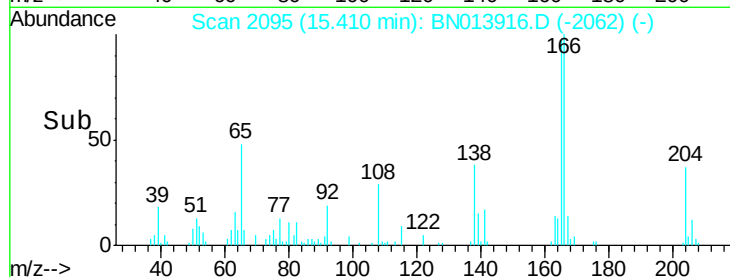
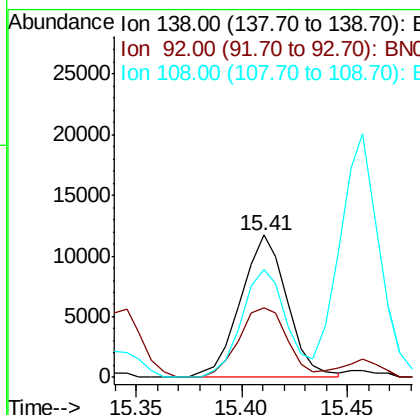
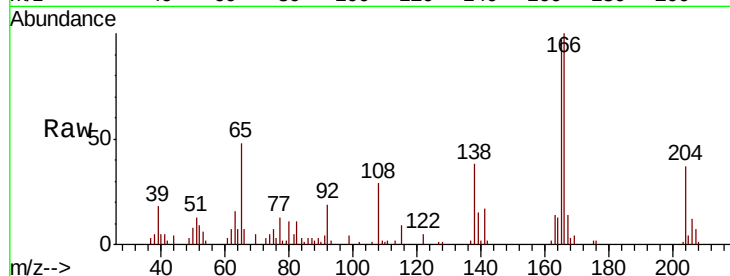




#61
4-Nitroaniline
Concen: 2.722 ng/ul
RT: 15.41 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BN013916.D
Acq: 11 Mar 2021 14:47

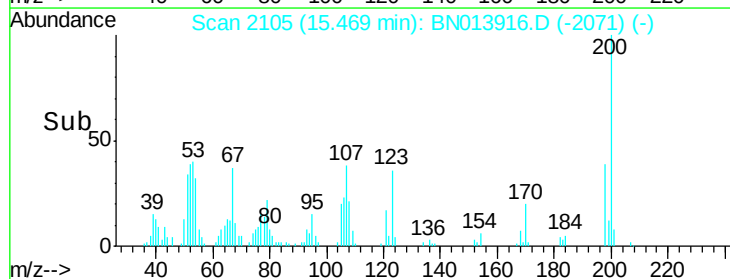
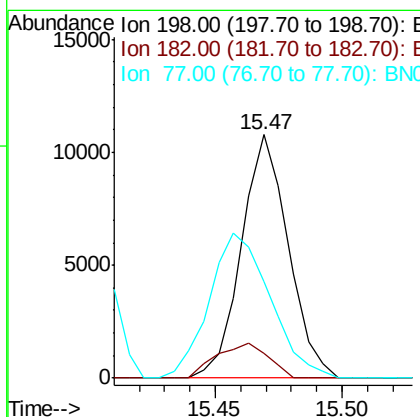
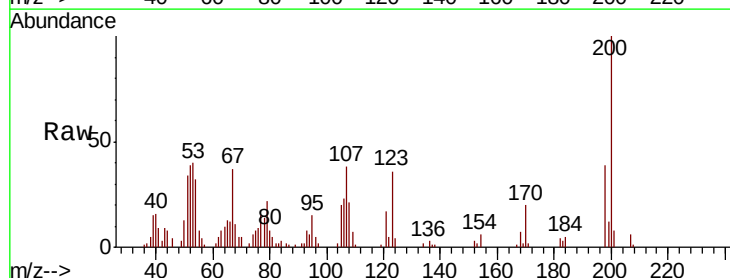
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-07

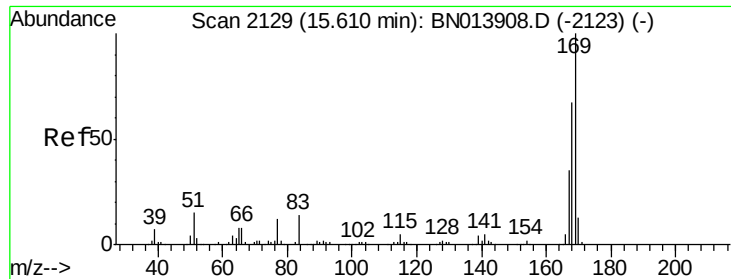
Tot Ion:138 Resp: 17959
Ion Ratio Lower Upper
138 100
92 49.3 38.6 57.8
108 76.0 59.8 89.8



#64
4,6-Dinitro-2-methylphenol
Concen: 3.275 ng/ul
RT: 15.47 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BN013916.D
Acq: 11 Mar 2021 14:47

Tgt Ion:198 Resp: 13803
Ion Ratio Lower Upper
198 100
182 10.1 3.5 5.3#
77 39.5 22.2 33.4#



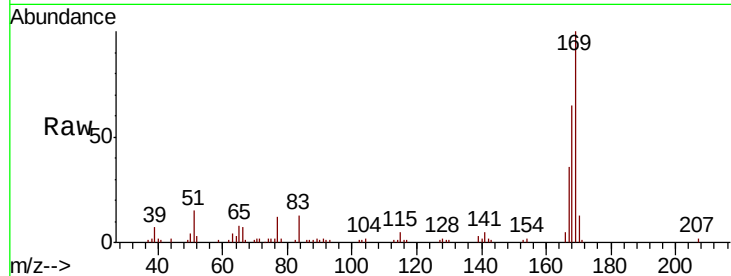


#65

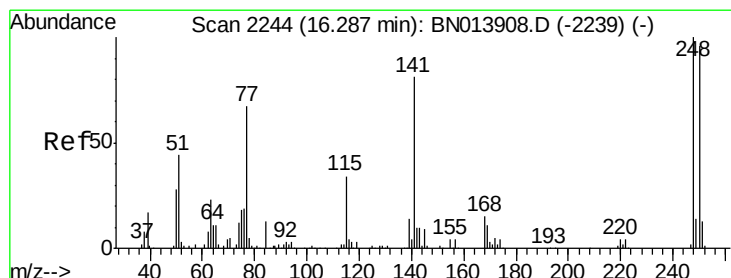
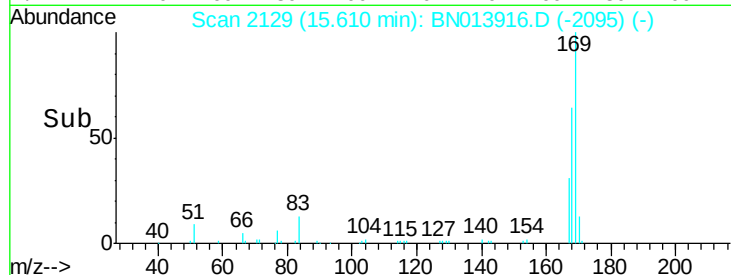
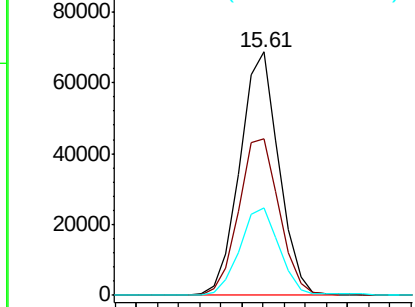
N-Nitrosodiphenylamine
 Concen: 3.541 ng/ul
 RT: 15.61 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BN013916.D
 Acq: 11 Mar 2021 14:47

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-07

Tot Ion:169 Resp: 87793
 Ion Ratio Lower Upper
 169 100
 168 64.5 54.7 82.1
 167 36.2 29.0 43.6



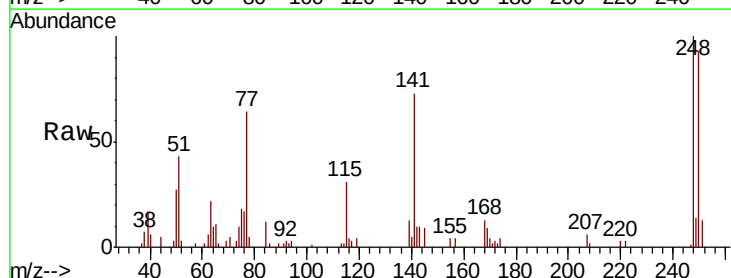
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



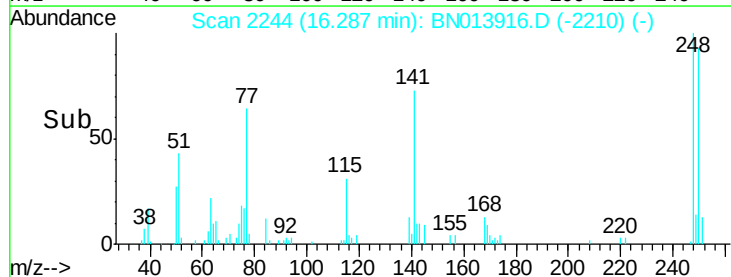
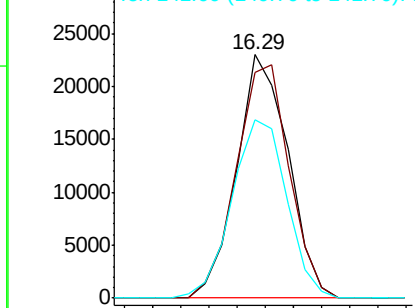
#66

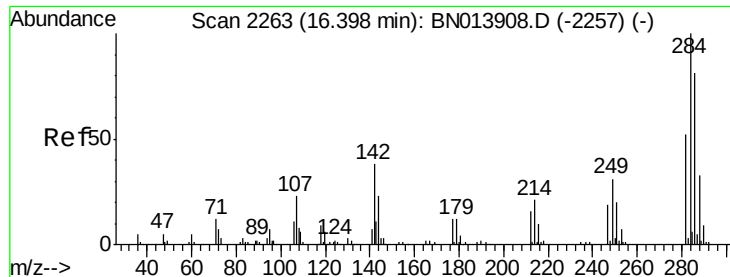
4-Bromophenyl-phenylether
 Concen: 3.530 ng/ul
 RT: 16.29 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BN013916.D
 Acq: 11 Mar 2021 14:47

Tgt Ion:248 Resp: 29107
 Ion Ratio Lower Upper
 248 100
 250 92.6 76.6 115.0
 141 73.3 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

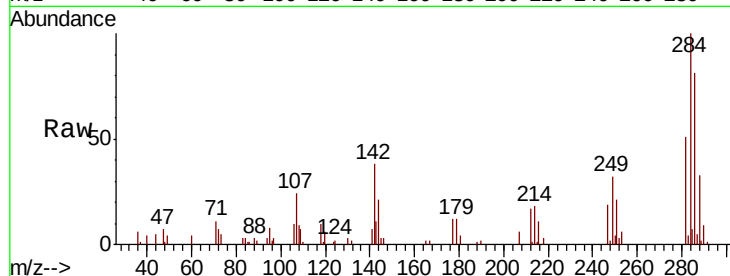




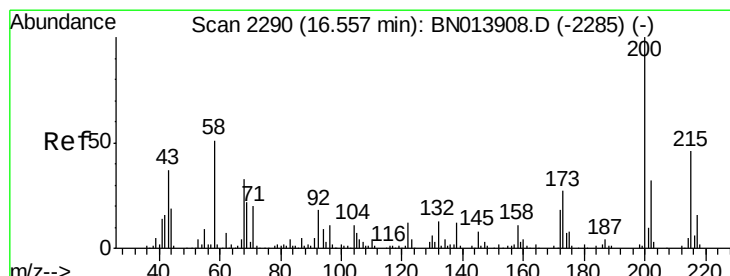
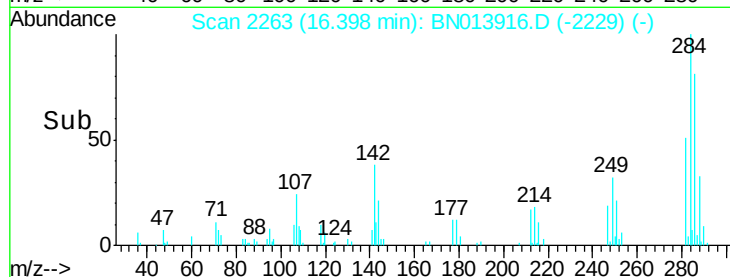
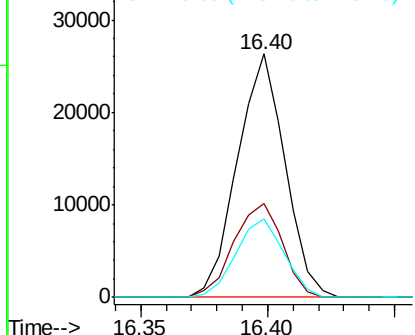
#67
Hexachlorobenzene
Concen: 3.495 ng/ul
RT: 16.40 min Scan# 2263
Delta R.T. -0.00 min
Lab File: BN013916.D
Acq: 11 Mar 2021 14:47

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-07

Tot Ion:284 Resp: 34427
Ion Ratio Lower Upper
284 100
142 38.4 29.2 43.8
249 32.2 23.5 35.3

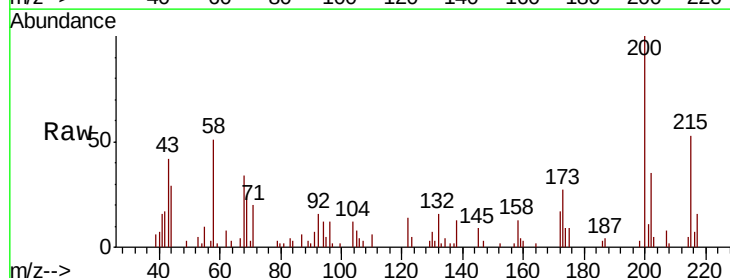


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

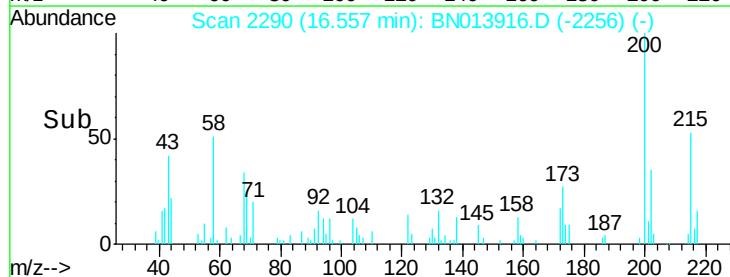
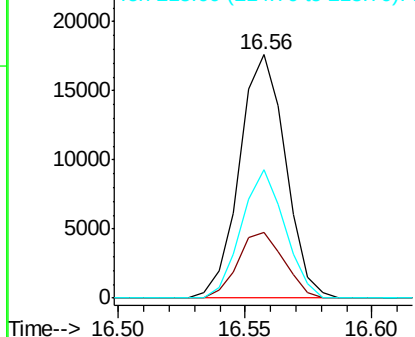


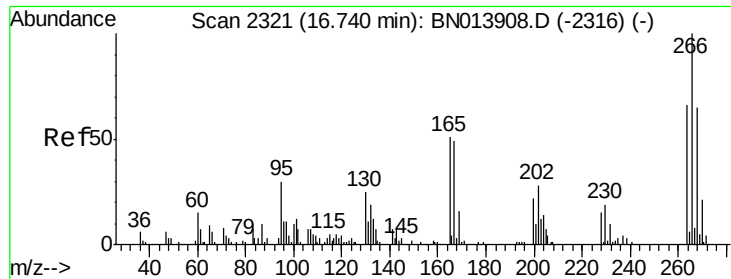
#68
Atrazine
Concen: 2.596 ng/ul
RT: 16.56 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BN013916.D
Acq: 11 Mar 2021 14:47

Tgt Ion:200 Resp: 22237
Ion Ratio Lower Upper
200 100
173 27.2 21.2 31.8
215 52.8 34.0 51.0#



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

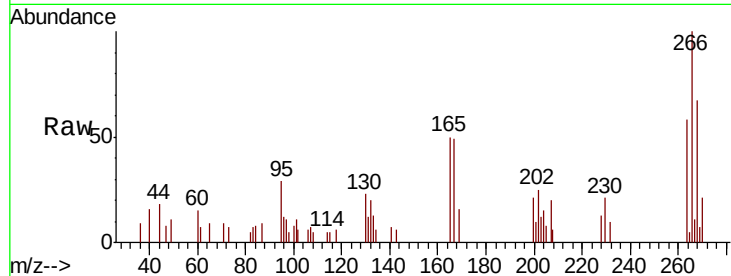




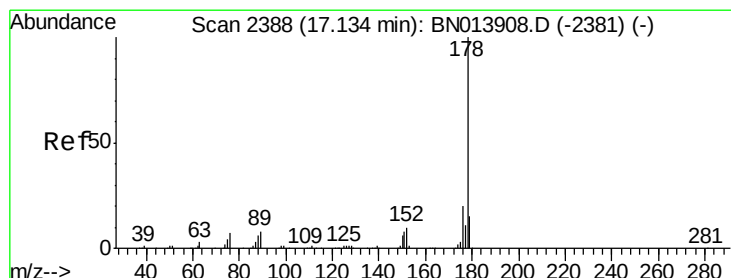
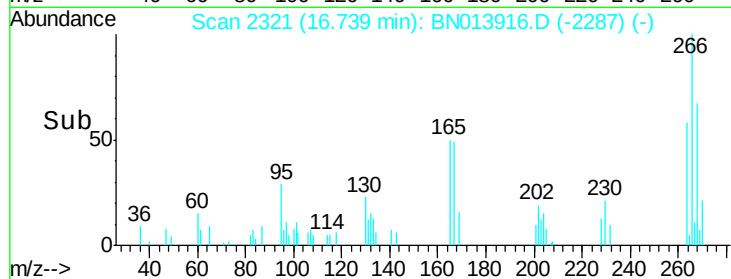
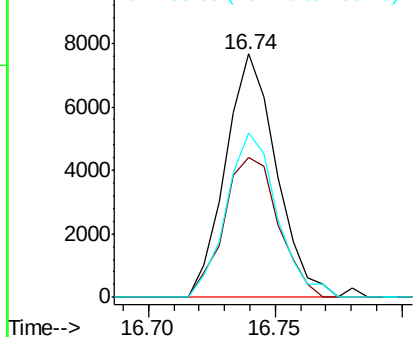
#69
 Pentachlorophenol
 Concen: 2.065 ng/ul
 RT: 16.74 min Scan# 2321
 Delta R.T. -0.00 min
 Lab File: BN013916.D
 Acq: 11 Mar 2021 14:47

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-07

Tot Ion:266 Resp: 10716
 Ion Ratio Lower Upper
 266 100
 264 57.7 50.2 75.4
 268 67.3 49.6 74.4

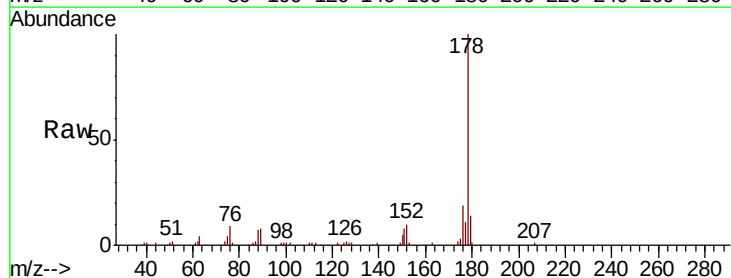


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

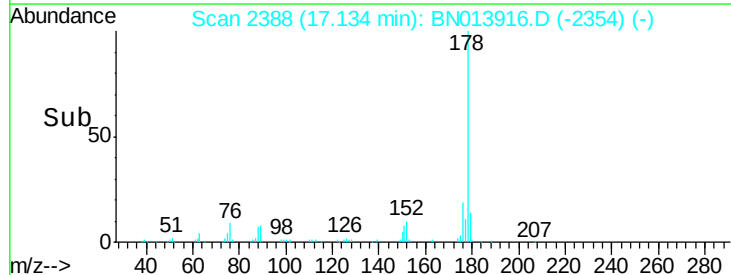
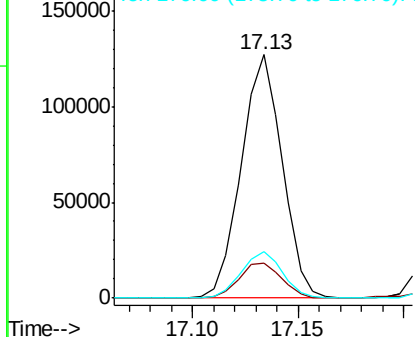


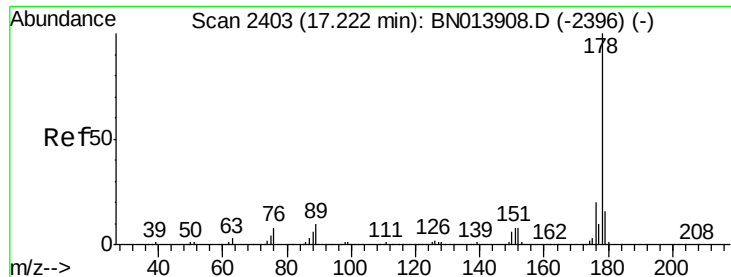
#70
 Phenanthrene
 Concen: 3.667 ng/ul
 RT: 17.13 min Scan# 2388
 Delta R.T. -0.00 min
 Lab File: BN013916.D
 Acq: 11 Mar 2021 14:47

Tgt Ion:178 Resp: 171053
 Ion Ratio Lower Upper
 178 100
 179 14.4 12.9 19.3
 176 19.1 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: 3.636 ng/uL

RT: 17.22 min Scan# 2403

Delta R.T. -0.00 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

Instrument :

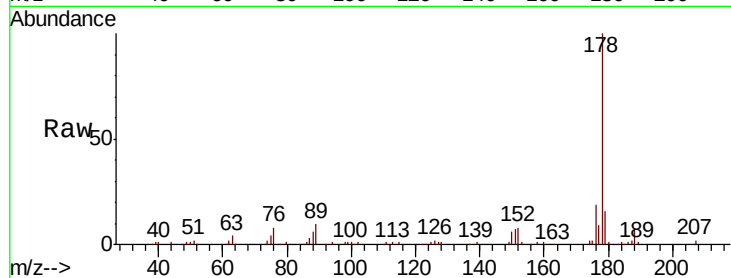
BNA_N

ClientSampleId :

MDL-SOIL-07

Tot Ion:178 Resp: 172412

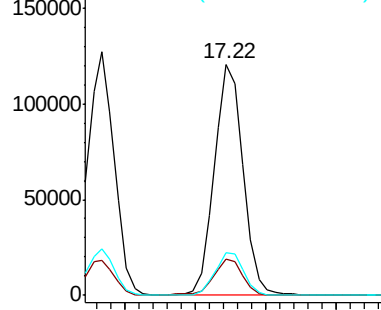
Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.9	17.9
176	18.6	14.3	21.5



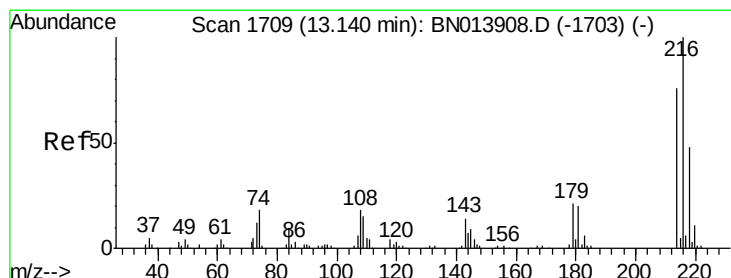
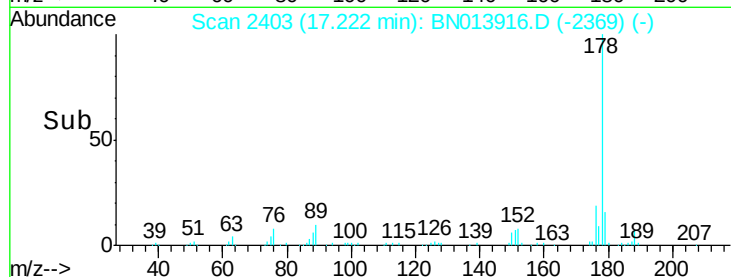
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#73

1,2,3,4-Tetrachlorobenzene

Concen: 3.679 ng/uL

RT: 13.15 min Scan# 1710

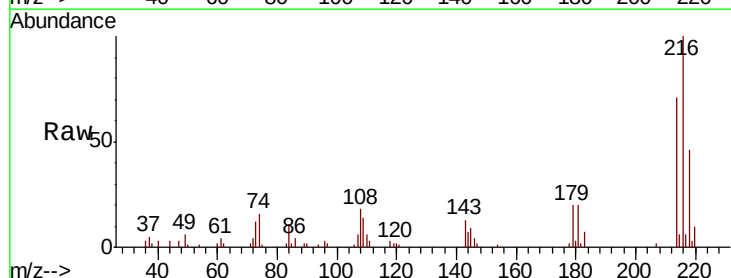
Delta R.T. 0.01 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

Tgt Ion:216 Resp: 46373

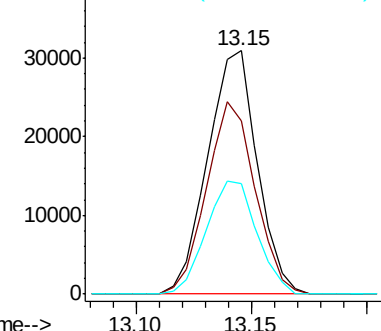
Ion	Ratio	Lower	Upper
216	100		
214	71.0	60.1	90.1
218	45.6	37.9	56.9



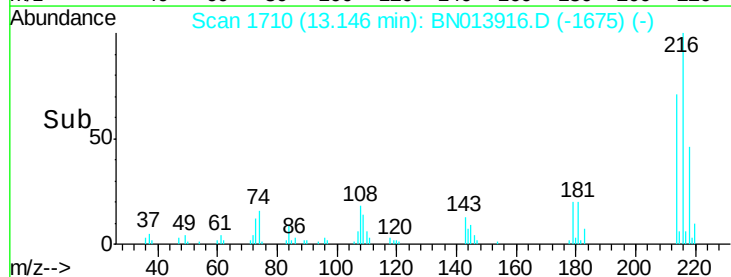
Abundance Ion 216.00 (215.70 to 216.70): E

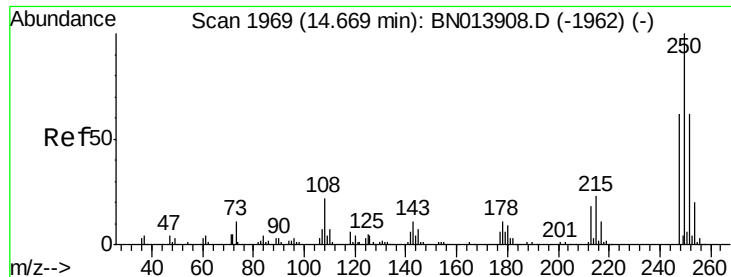
Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



Time-->

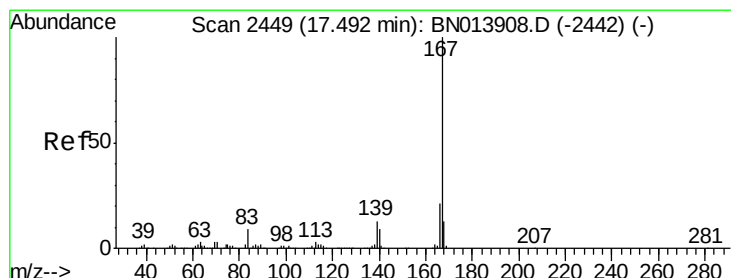
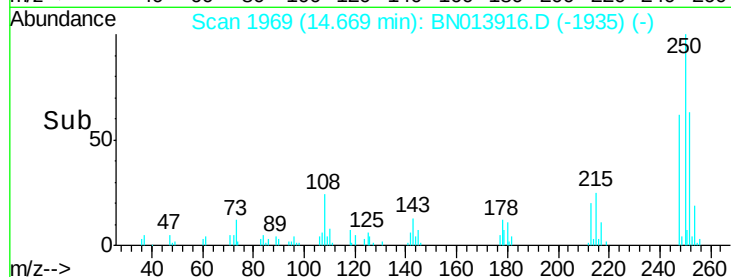
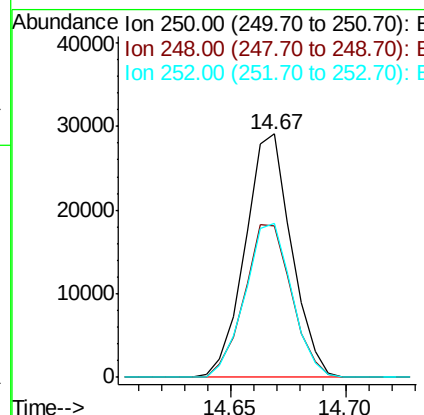
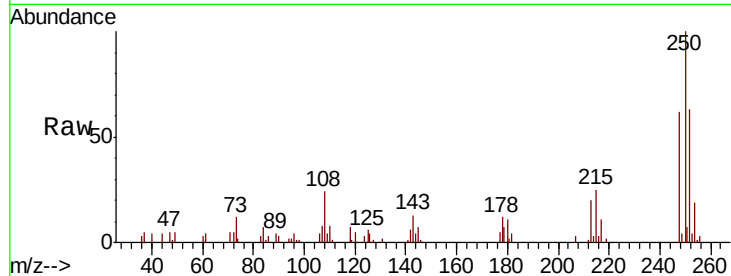




#74
 Pentachlorobenzene
 Concen: 3.439 ng/uL
 RT: 14.67 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BN013916.D
 Acq: 11 Mar 2021 14:47

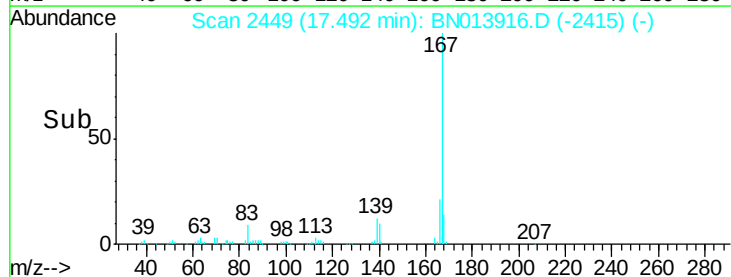
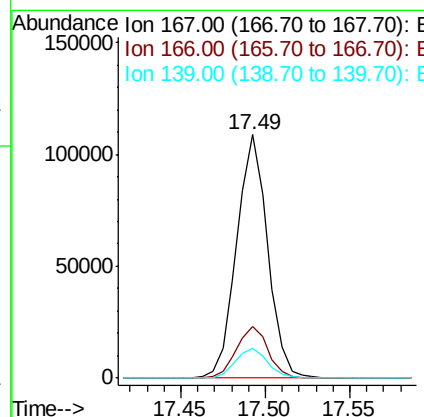
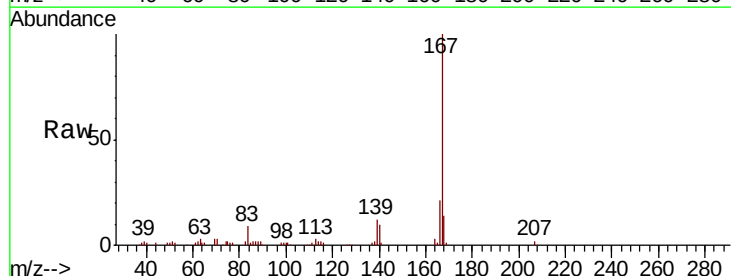
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-07

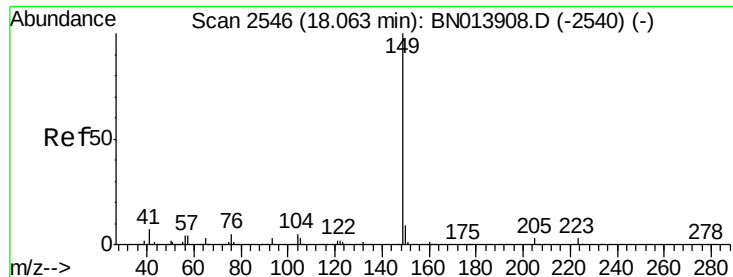
Tot Ion	Ratio	Lower	Upper
250	100		
248	62.3	48.3	72.5
252	63.5	50.0	75.0



#75
 Carbazole
 Concen: 3.285 ng/uL
 RT: 17.49 min Scan# 2449
 Delta R.T. -0.00 min
 Lab File: BN013916.D
 Acq: 11 Mar 2021 14:47

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	12.5	10.3	15.5





#76

Di-n-butylphthalate

Concen: 2.756 ng/ul

RT: 18.06 min Scan# 2546

Delta R.T. -0.00 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-07

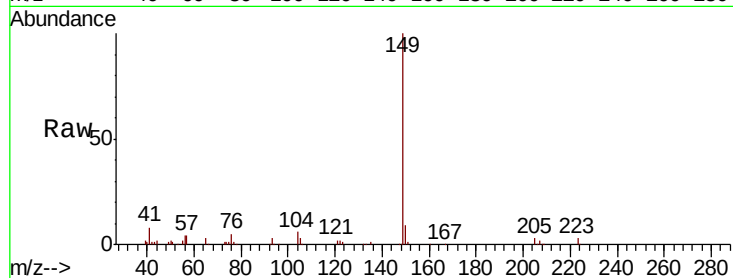
Tot Ion:149 Resp: 130469

Ion Ratio Lower Upper

149 100

150 8.9 7.0 10.6

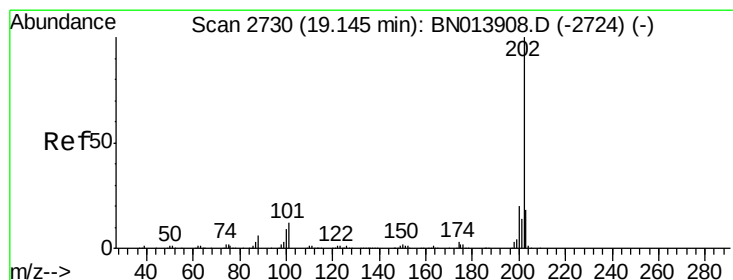
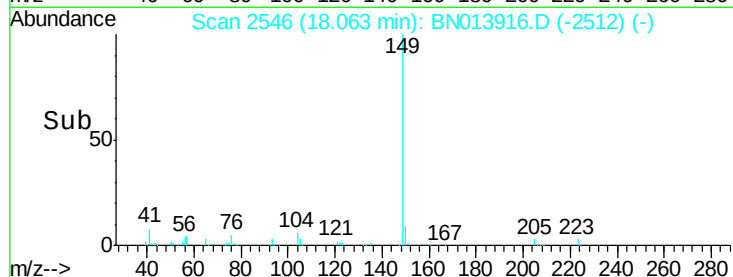
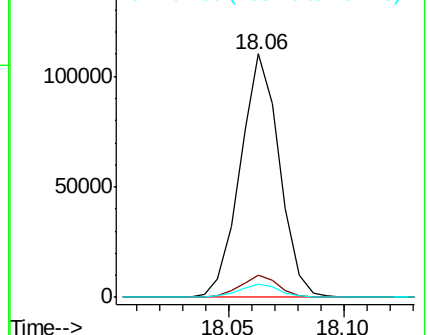
104 5.6 4.2 6.2



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: 3.358 ng/ul

RT: 19.15 min Scan# 2730

Delta R.T. -0.00 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

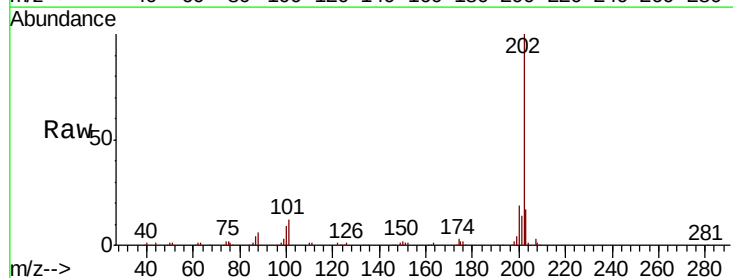
Tgt Ion:202 Resp: 173184

Ion Ratio Lower Upper

202 100

101 11.8 8.6 12.8

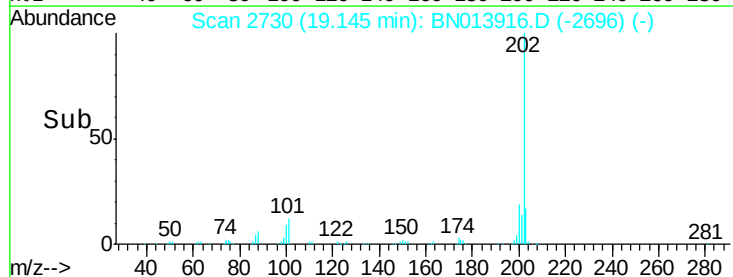
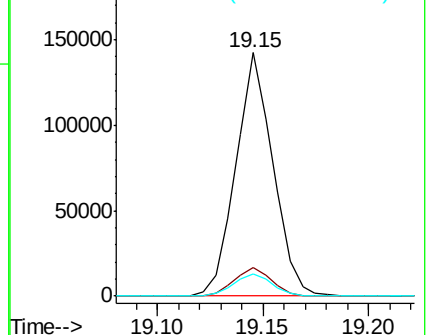
100 8.9 6.6 9.8

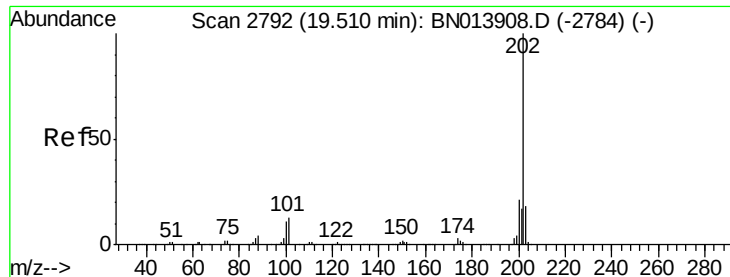


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

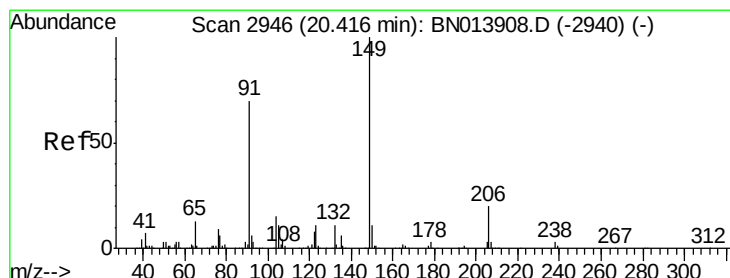
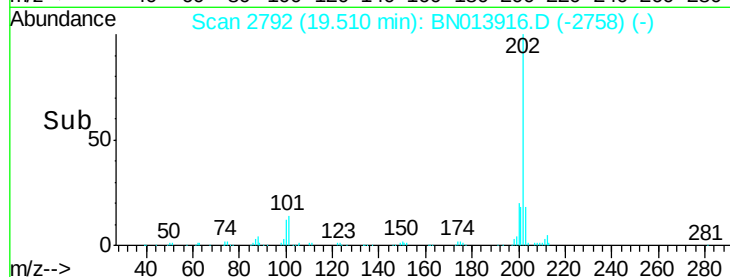
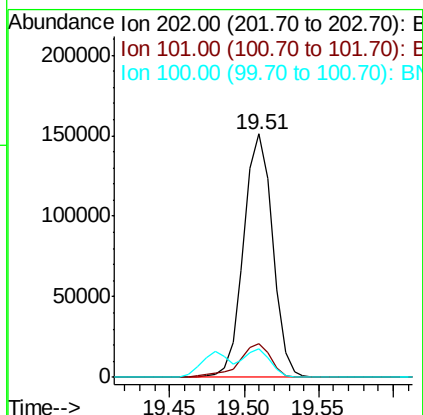
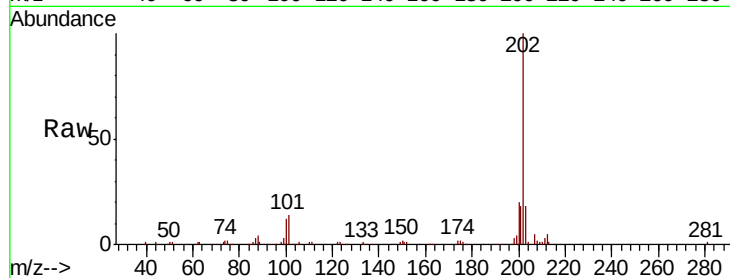




#80
Pvrene
Concen: 3.699 ng/ul
RT: 19.51 min Scan# 2792
Delta R.T. -0.00 min
Lab File: BN013916.D
Acq: 11 Mar 2021 14:47

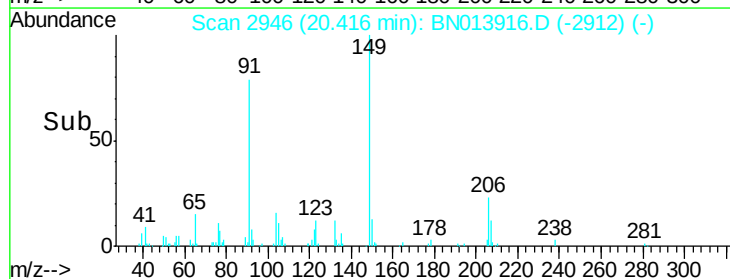
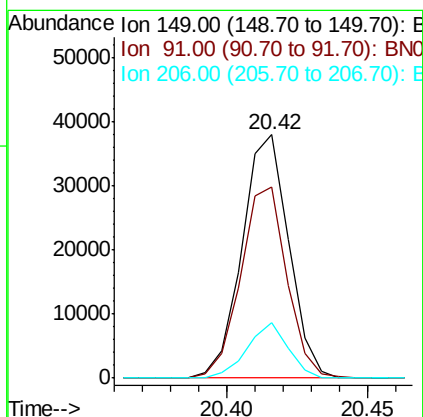
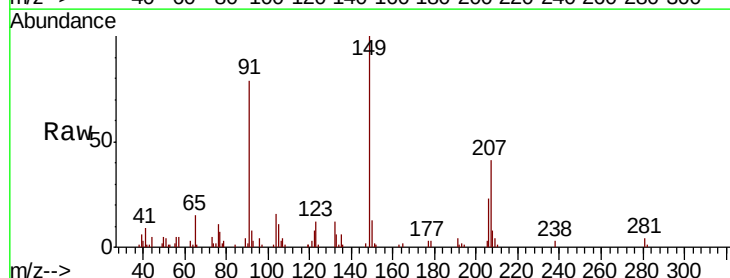
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-07

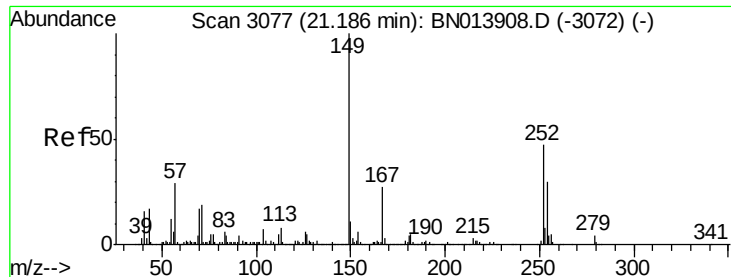
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.1	16.7
100	11.8	9.5	14.3



#81
Butylbenzylphthalate
Concen: 2.295 ng/ul
RT: 20.42 min Scan# 2946
Delta R.T. -0.00 min
Lab File: BN013916.D
Acq: 11 Mar 2021 14:47

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.5	61.4	92.0
206	23.0	14.0	21.0

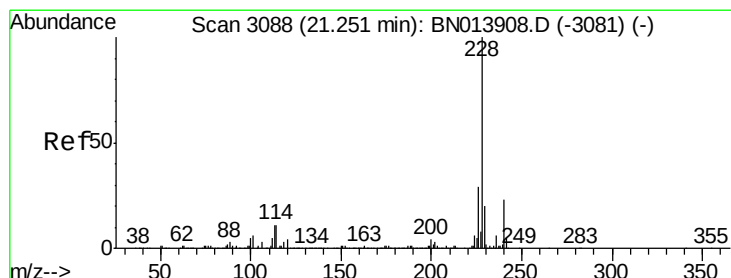
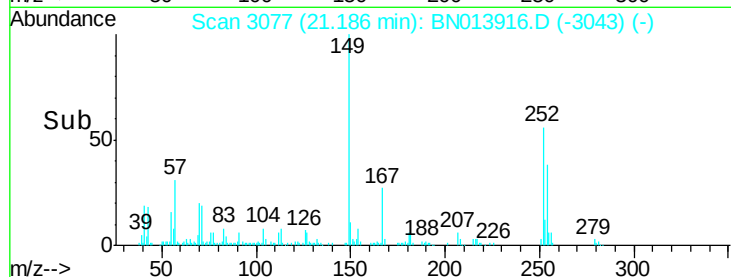
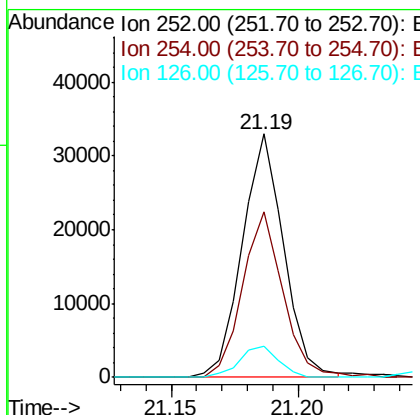
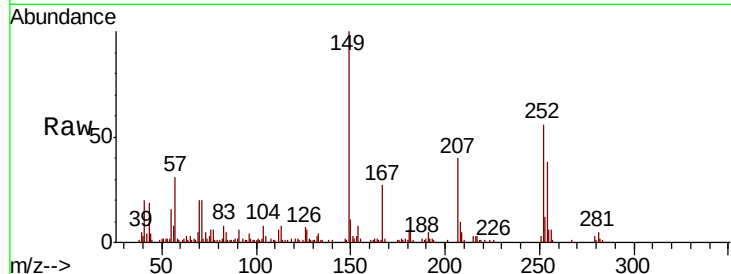




#82
 3,3'-Dichlorobenzidine
 Concen: 2.339 ng/ul
 RT: 21.19 min Scan# 3077
 Delta R.T. -0.00 min
 Lab File: BN013916.D
 Acq: 11 Mar 2021 14:47

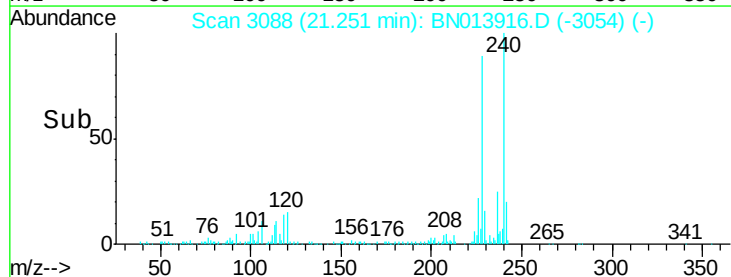
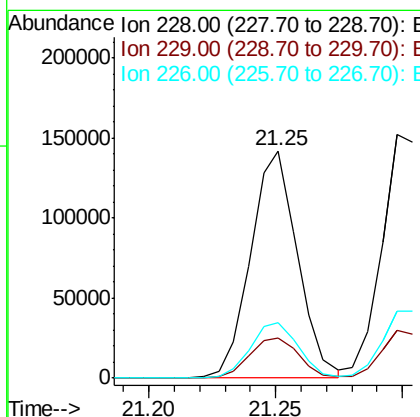
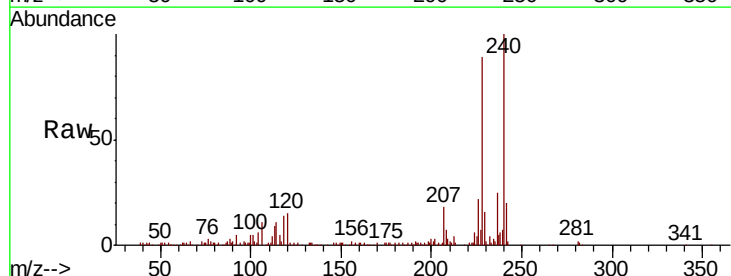
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-07

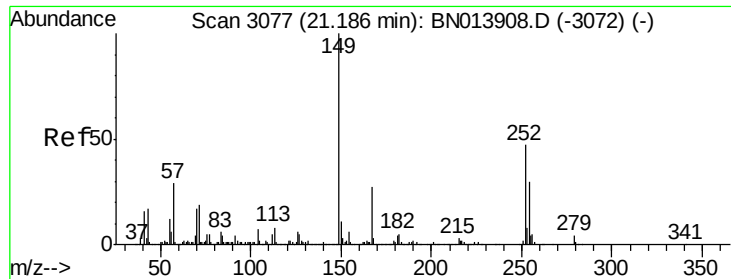
Tot Ion	Ratio	Lower	Upper
252	100		
254	67.8	49.2	73.8
126	12.6	9.0	13.4



#83
 Benzo(a)anthracene
 Concen: 3.442 ng/ul
 RT: 21.25 min Scan# 3088
 Delta R.T. -0.00 min
 Lab File: BN013916.D
 Acq: 11 Mar 2021 14:47

Tgt Ion	Ratio	Lower	Upper
228	100		
229	17.4	15.8	23.6
226	24.5	21.4	32.0

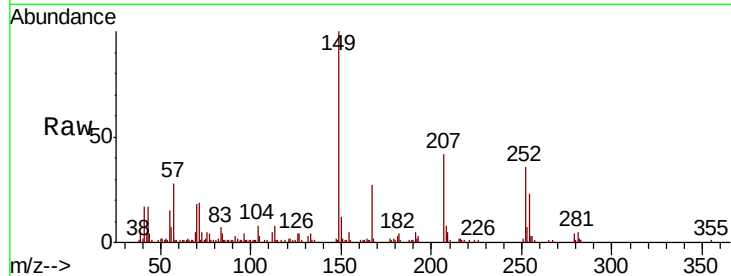




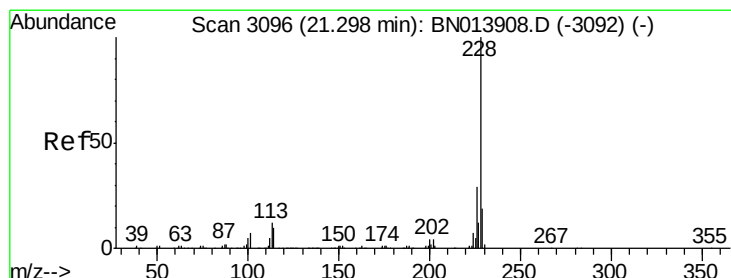
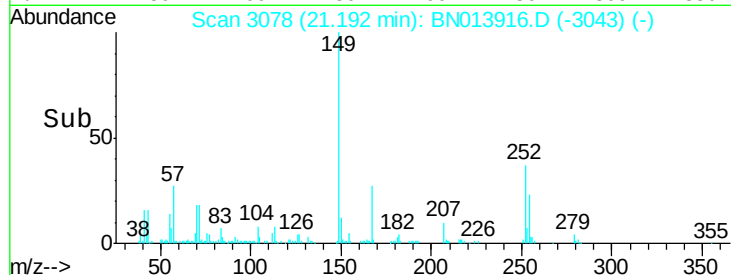
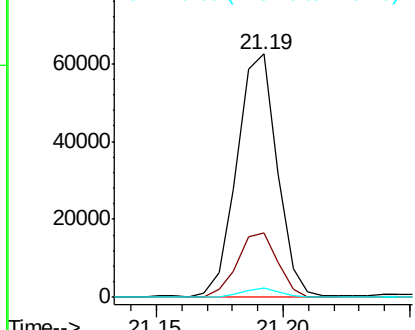
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.199 ng/ul
 RT: 21.19 min Scan# 3078
 Delta R.T. 0.01 min
 Lab File: BN013916.D
 Acq: 11 Mar 2021 14:47

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-07

Tot Ion:149 Resp: 69895
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.7 32.5
 279 3.8 3.4 5.0

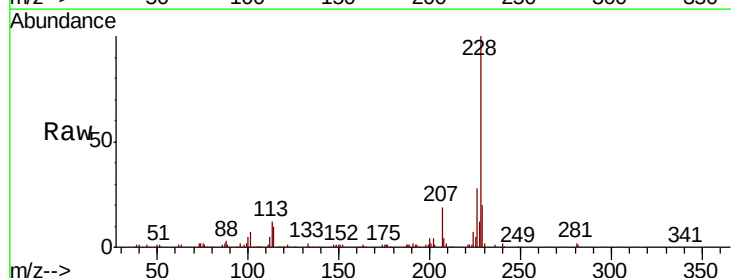


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

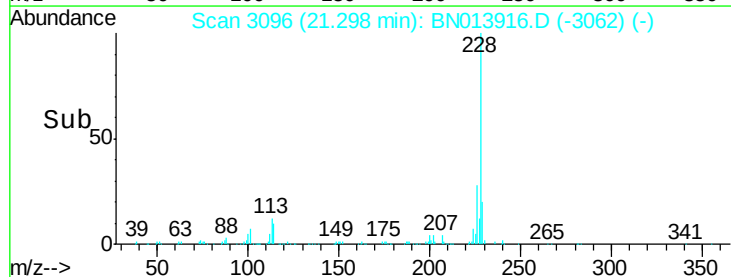
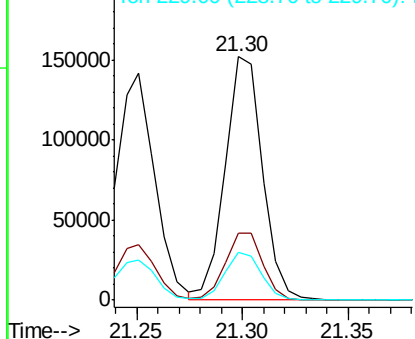


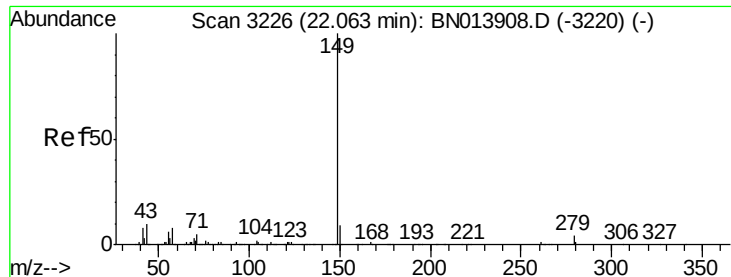
#85
 Chrysene
 Concen: 3.620 ng/ul
 RT: 21.30 min Scan# 3096
 Delta R.T. -0.00 min
 Lab File: BN013916.D
 Acq: 11 Mar 2021 14:47

Tgt Ion:228 Resp: 185826
 Ion Ratio Lower Upper
 228 100
 226 27.7 23.6 35.4
 229 19.8 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: 2.043 ng/ul

RT: 22.06 min Scan# 3226

Delta R.T. -0.00 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

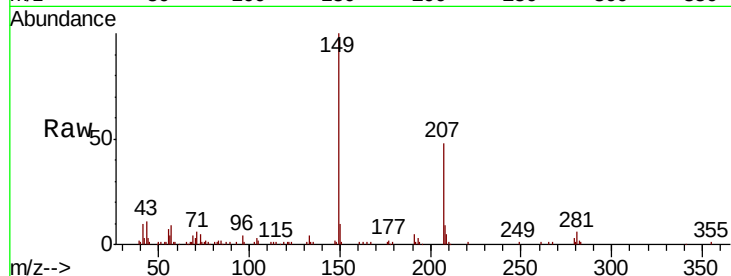
Instrument :

BNA_N

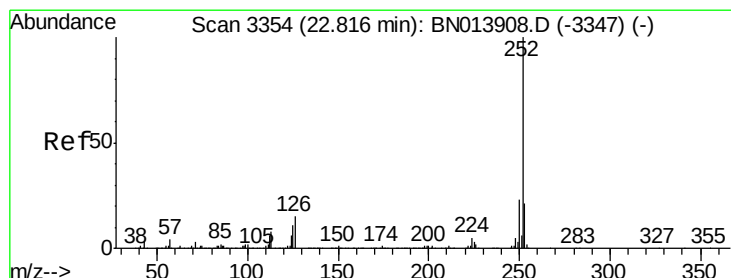
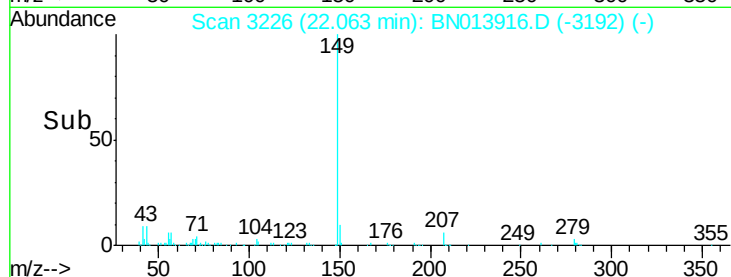
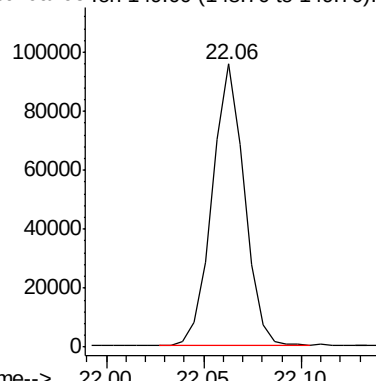
ClientSampleId :

MDL-SOIL-07

Tgt Ion:149 Resp: 109487



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.377 ng/ul

RT: 22.82 min Scan# 3354

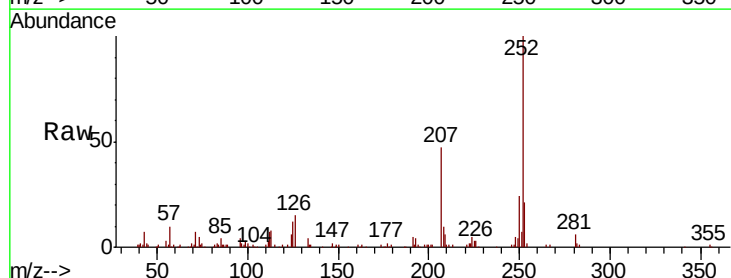
Delta R.T. -0.00 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

Tgt Ion:252 Resp: 176010

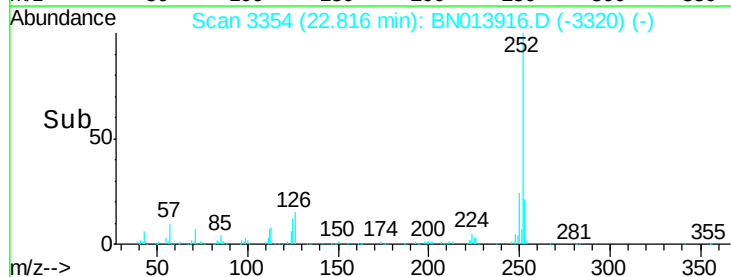
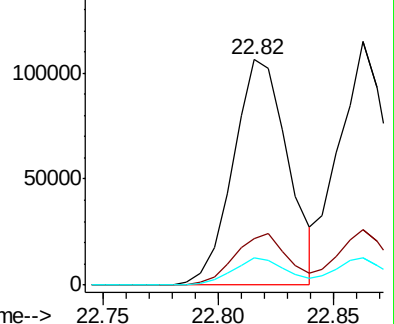
Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.6	27.8
125	11.9	9.3	13.9

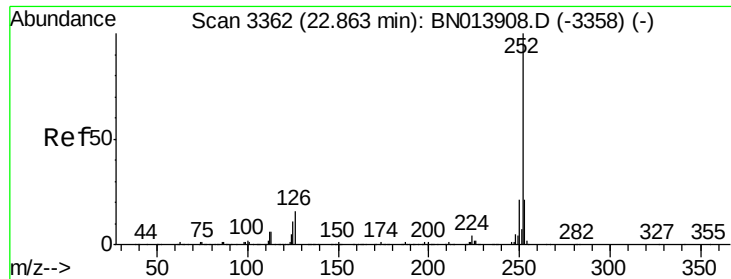


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.438 ng/ul

RT: 22.86 min Scan# 3362

Delta R.T. -0.00 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-07

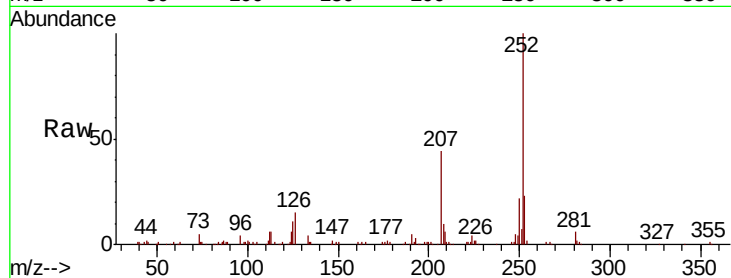
Tot Ion:252 Resp: 179744

Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

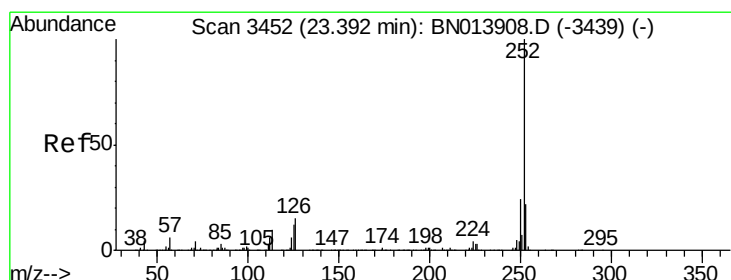
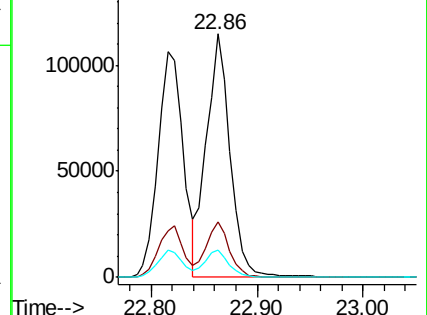
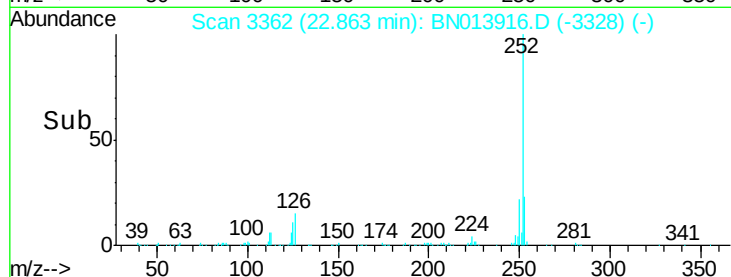
125 11.3 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 3.515 ng/ul

RT: 23.39 min Scan# 3452

Delta R.T. -0.00 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

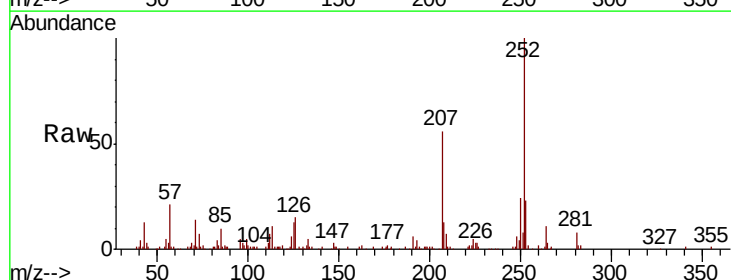
Tgt Ion:252 Resp: 166072

Ion Ratio Lower Upper

252 100

253 23.3 16.9 25.3

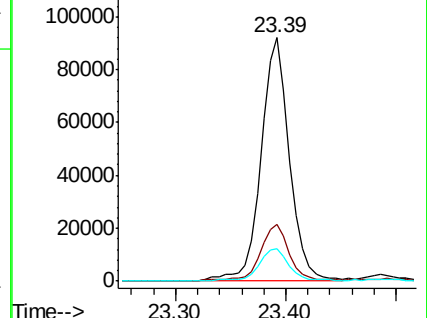
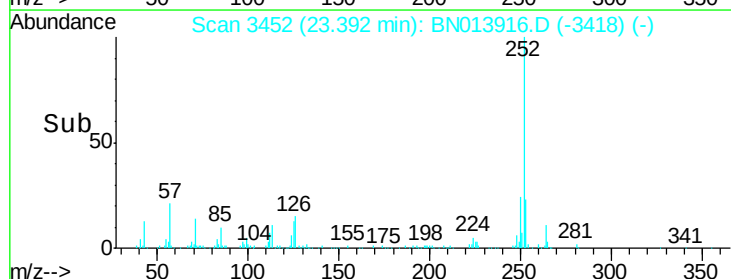
125 13.2 9.0 13.6

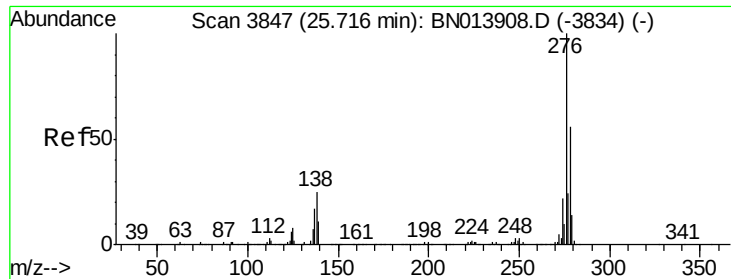


Abundance Ion 252.00 (251.70 to 252.70): E

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: 3.320 ng/ul

RT: 25.72 min Scan# 3848

Delta R.T. 0.01 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-07

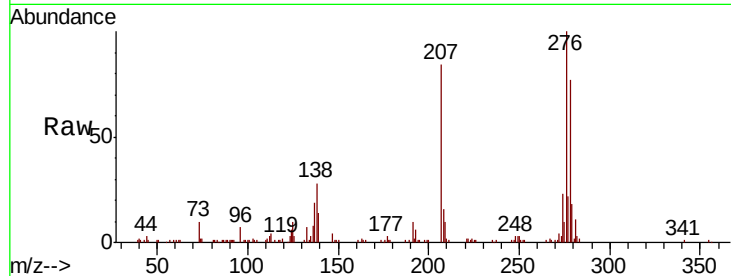
Tot Ion:276 Resp: 195993

Ion Ratio Lower Upper

276 100

138 27.7 20.3 30.5

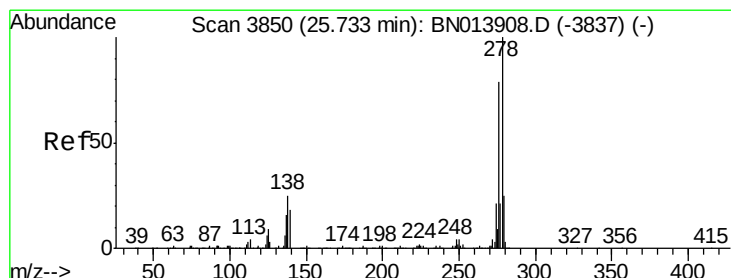
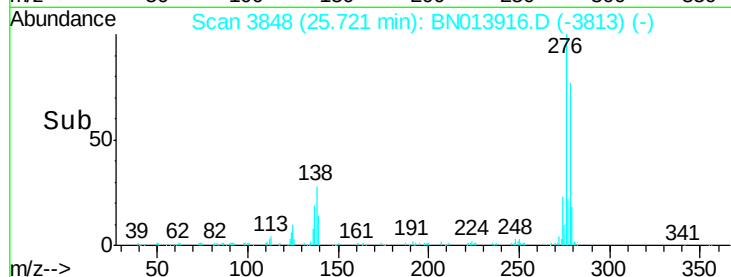
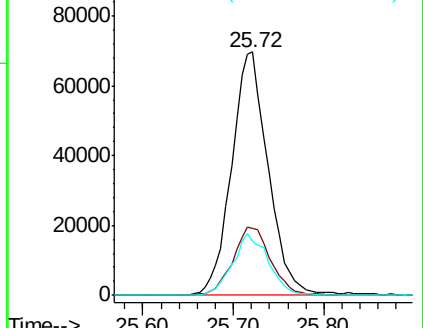
277 22.4 18.3 27.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene

Concen: 3.259 ng/ul

RT: 25.73 min Scan# 3850

Delta R.T. -0.00 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

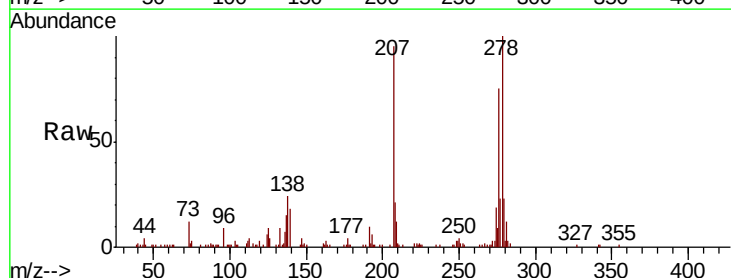
Tgt Ion:278 Resp: 164023

Ion Ratio Lower Upper

278 100

139 17.5 14.2 21.2

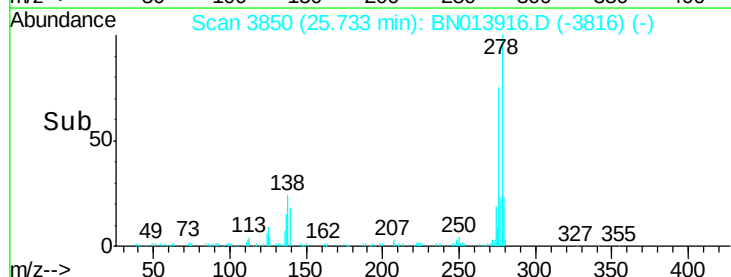
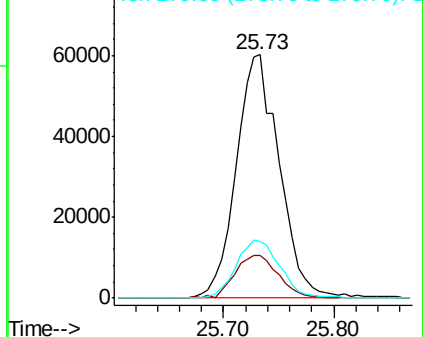
279 23.5 18.5 27.7

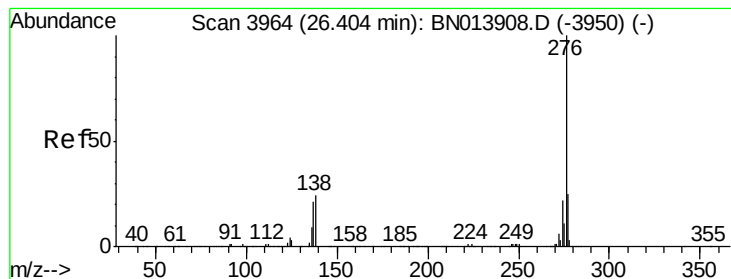


Abundance Ion 278.00 (277.70 to 278.70): E

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: 26.40 min Scan# 3963

Delta R.T. -0.01 min

Lab File: BN013916.D

Acq: 11 Mar 2021 14:47

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-07

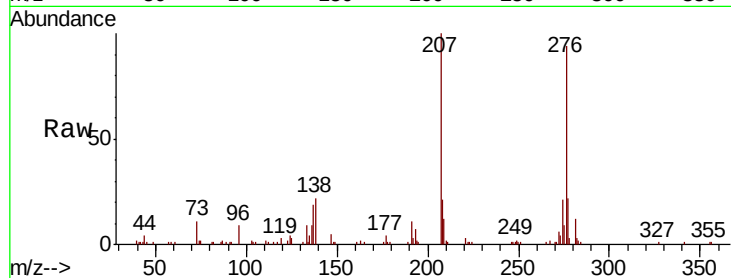
Tot Ion:276 Resp: 163667

Ion Ratio Lower Upper

276 100

138 23.8 17.5 26.3

277 23.8 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

