

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030421\
 Data File : BN013844.D
 Acq On : 04 Mar 2021 21:57
 Operator : CG/JU
 Sample : M1534-10
 Misc : SOM-MDL-S-03
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03

Quant Time: Mar 05 00:20:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 04 14:09:31 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	157877	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	646302	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	383556	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	794154	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	801762	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	817847	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	18494	4.65	ng/uL	0.00
5) Phenol-d5	6.89	99	446524	34.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	295653	37.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	360331	36.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	330562	34.19	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	161128	37.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	156036	37.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	314014	34.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	458895	41.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	954842	37.07	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1215144	35.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	156209	32.34	ng/ul	0.00
58) Fluorene-d10	15.35	176	854484	37.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	108985	29.52	ng/ul	0.00
71) Anthracene-d10	17.20	188	1289131	37.14	ng/ul	0.00
79) Pyrene-d10	19.49	212	1405845	36.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	1528890	37.55	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.26	88	3658	0.906 ng/uL#	87
4) Benzaldehyde	6.87	77	29875	4.649 ng/ul	96
6) Phenol	6.91	94	48076	3.513 ng/ul	96
8) Bis(2-Chloroethyl)ether	7.15	93	39349	3.677 ng/ul	96
10) 2-Chlorophenol	7.29	128	37831	3.637 ng/ul	100
11) 2-Methylphenol	8.16	108	31145	3.155 ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.25	45	59358	3.632 ng/ul	97
14) Acetophenone	8.54	105	56349	3.537 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.52	70	25278	3.197 ng/ul	98
16) 4-Methylphenol	8.48	108	37314	3.484 ng/ul	94
17) Hexachloroethane	8.79	117	15622	3.540 ng/ul	96
20) Nitrobenzene	8.91	77	44875	3.793 ng/ul	96
21) Isophorone	9.43	82	64660	3.117 ng/ul	98
23) 2-Nitrophenol	9.62	139	18265	3.779 ng/ul	97
24) 2,4-Dimethylphenol	9.68	107	38714	3.401 ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.92	93	48152	3.477 ng/ul	98
27) 2,4-Dichlorophenol	10.15	162	33874	3.647 ng/ul	90
28) Naphthalene	10.55	128	124050	3.702 ng/ul	98
30) 4-Chloroaniline	10.66	127	48448	4.173 ng/ul	98
31) Hexachlorobutadiene	10.85	225	21751	3.678 ng/ul	95
32) Caprolactam	11.43	113	5789	2.059 ng/ul	89
33) 4-Chloro-3-methylphenol	11.78	107	27796	2.937 ng/ul	97
34) 2-Methylnaphthalene	12.17	142	82351	3.598 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.39	142	79238	3.592	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	41241	3.571	ng/ul	97
38) Hexachlorocyclopentadiene	12.52	237	20217	2.940	ng/ul	97
39) 2,4,6-Trichlorophenol	12.78	196	18858	2.829	ng/ul	92
40) 2,4,5-Trichlorophenol	12.85	196	21557	2.948	ng/ul	96
41) 1,1'-Biphenyl	13.19	154	105181	3.647	ng/ul	99
42) 2-Chloronaphthalene	13.23	162	80961	3.591	ng/ul	99
43) 2-Nitroaniline	13.43	65	15795	2.702	ng/ul	95
45) Dimethylphthalate	13.82	163	98416	3.693	ng/ul	99
46) 2,6-Dinitrotoluene	13.93	165	13215	2.767	ng/ul#	90
48) Acenaphthylene	14.07	152	122860	3.720	ng/ul	100
49) 3-Nitroaniline	14.26	138	14892	2.867	ng/ul#	87
50) Acenaphthene	14.42	153	89997	3.736	ng/ul	98
51) 2,4-Dinitrophenol	14.46	184	4870	1.937	ng/ul	95
53) 4-Nitrophenol	14.56	109	13859	3.561	ng/ul	97
54) Dibenzofuran	14.76	168	125558	3.781	ng/ul	97
55) 2,4-Dinitrotoluene	14.72	165	21346	3.129	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.98	232	16453	2.915	ng/ul	99
57) Diethylphthalate	15.19	149	90689	3.405	ng/ul	99
59) Fluorene	15.40	166	99782	3.692	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.40	204	48738	3.759	ng/ul	98
61) 4-Nitroaniline	15.42	138	16778	2.820	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.47	198	11984	3.082	ng/ul#	61
65) N-Nitrosodiphenylamine	15.62	169	82166	3.593	ng/ul	99
66) 4-Bromophenyl-phenylether	16.30	248	26673	3.506	ng/ul	94
67) Hexachlorobenzene	16.40	284	32201	3.544	ng/ul	98
68) Atrazine	16.57	200	20978	2.654	ng/ul	94
69) Pentachlorophenol	16.75	266	10503	2.194	ng/ul	99
70) Phenanthrene	17.14	178	156392	3.635	ng/ul	99
72) Anthracene	17.23	178	160230	3.663	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	41843	3.598	ng/uL	97
74) Pentachlorobenzene	14.67	250	38495	3.514	ng/uL	94
75) Carbazole	17.50	167	128246	3.286	ng/ul	99
76) Di-n-butylphthalate	18.07	149	123618	2.831	ng/ul	99
77) Fluoranthene	19.16	202	166196	3.493	ng/ul	97
80) Pvrene	19.52	202	191084	3.701	ng/ul	98
81) Butylbenzylphthalate	20.43	149	41676	2.345	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.20	252	41719	2.773	ng/ul#	89
83) Benzo(a)anthracene	21.26	228	174185	3.530	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.20	149	79975	2.689	ng/ul	99
85) Chrysene	21.31	228	175615	3.656	ng/ul	100
87) Di-n-octyl phthalate	22.08	149	109185	2.137	ng/ul	100
88) Benzo(b)fluoranthene	22.83	252	168991	3.401	ng/ul	96
89) Benzo(k)fluoranthene	22.88	252	175178	3.514	ng/ul	97
91) Benzo(a)pyrene	23.41	252	160213	3.557	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.74	276	193200	3.433	ng/ul	99
93) Dibenzo(a,h)anthracene	25.76	278	157482	3.282	ng/ul	98
94) Benzo(a,h,i)perylene	26.43	276	156019	3.301	ng/ul	98

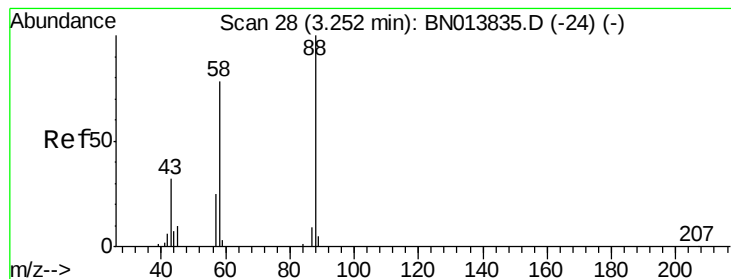
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#2

1,4-Dioxane

Concen: 0.906 ng/uL

RT: 3.26 min Scan# 29

Delta R.T. 0.00 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

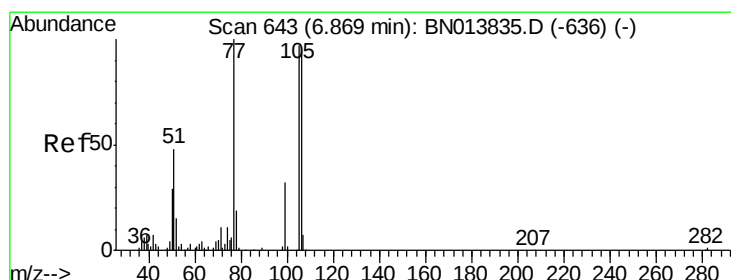
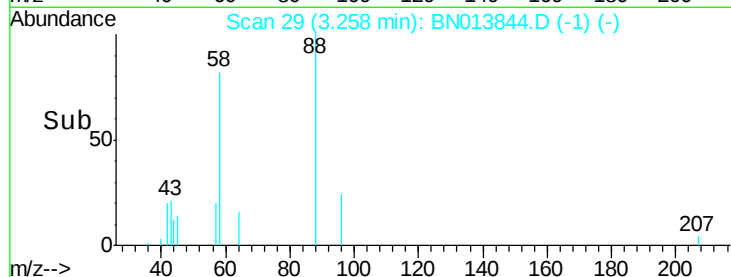
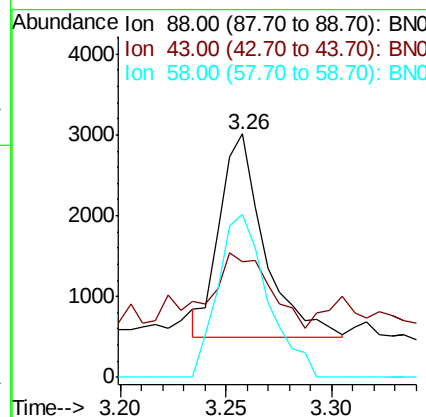
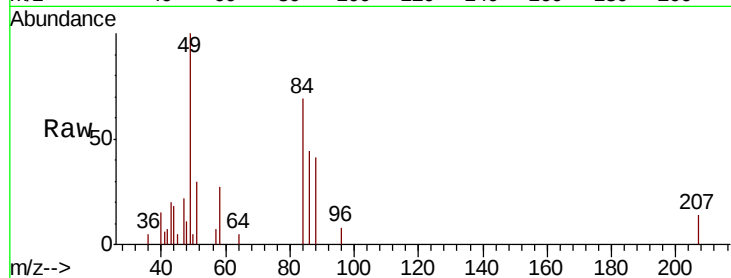
Tot Ion: 88 Resp: 3658

Ion Ratio Lower Upper

88 100

43 47.5 31.3 46.9#

58 66.9 62.7 94.1



#4

Benzaldehyde

Concen: 4.649 ng/uL

RT: 6.87 min Scan# 643

Delta R.T. 0.00 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

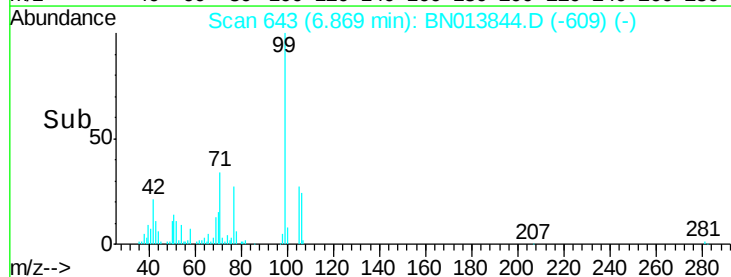
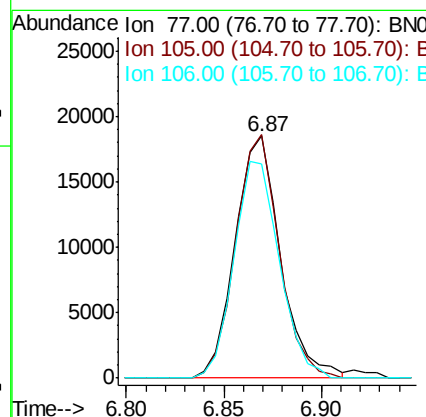
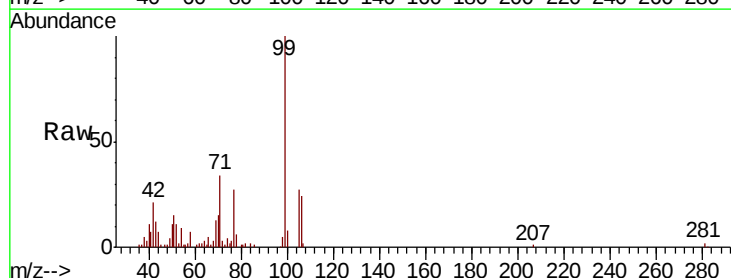
Tgt Ion: 77 Resp: 29875

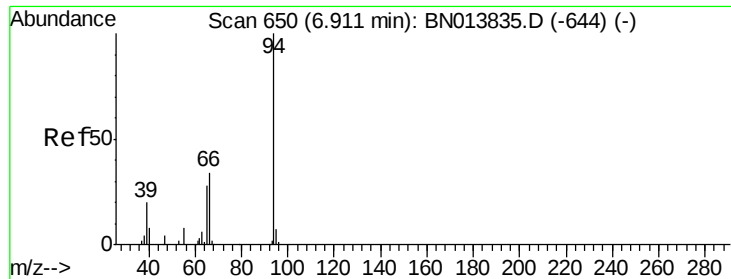
Ion Ratio Lower Upper

77 100

105 100.7 78.7 118.1

106 88.8 75.8 113.6





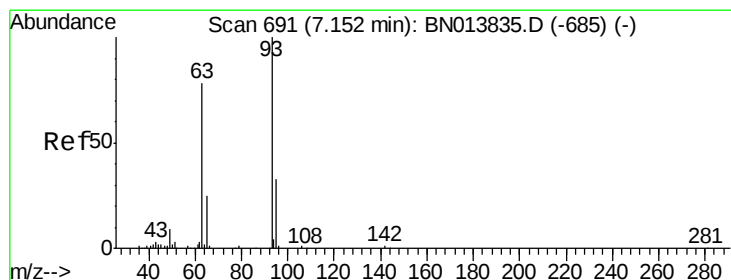
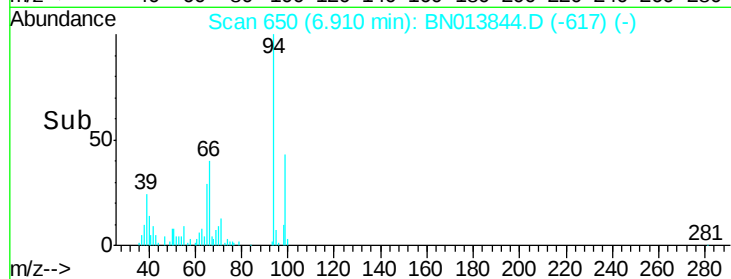
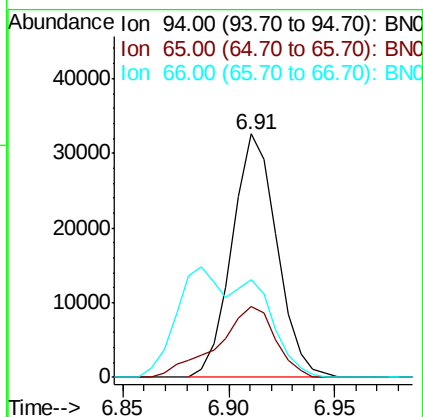
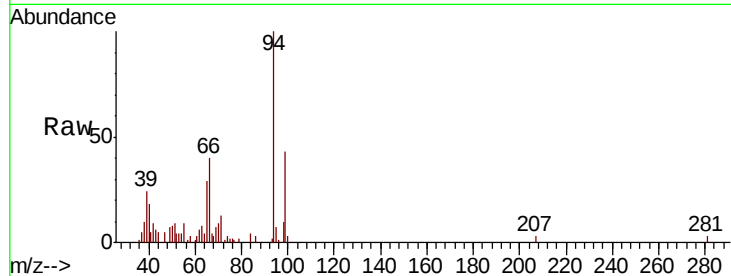
#6

Phenol

Concen: 3.513 ng/ul
 RT: 6.91 min Scan# 650
 Delta R.T. -0.01 min
 Lab File: BN013844.D
 Acq: 04 Mar 2021 21:57

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03

Tot Ion: 94 Resp: 48076
 Ion Ratio Lower Upper
 94 100
 65 29.3 23.1 34.7
 66 40.3 29.1 43.7

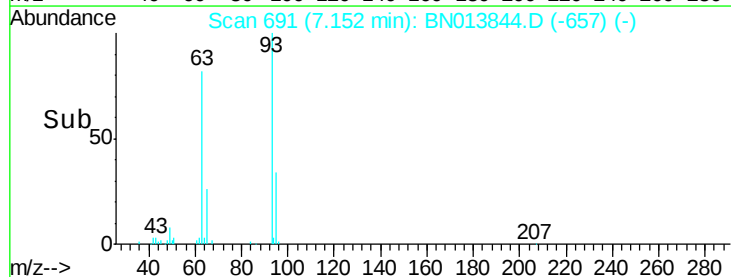
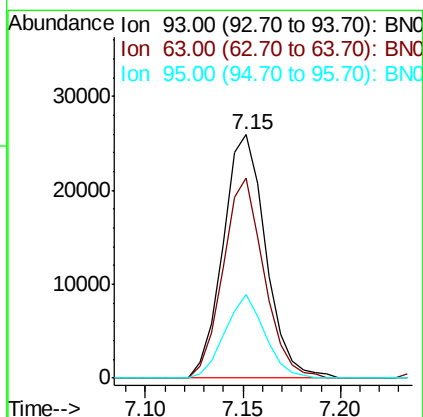
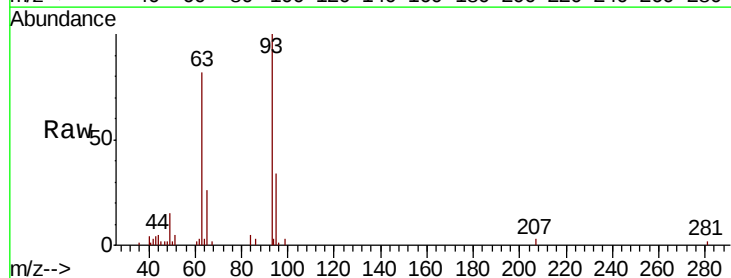


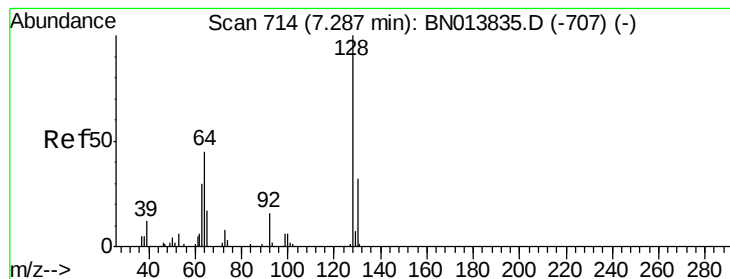
#8

Bis(2-Chloroethyl)ether

Concen: 3.677 ng/ul
 RT: 7.15 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BN013844.D
 Acq: 04 Mar 2021 21:57

Tgt Ion: 93 Resp: 39349
 Ion Ratio Lower Upper
 93 100
 63 82.4 63.1 94.7
 95 34.3 26.2 39.2

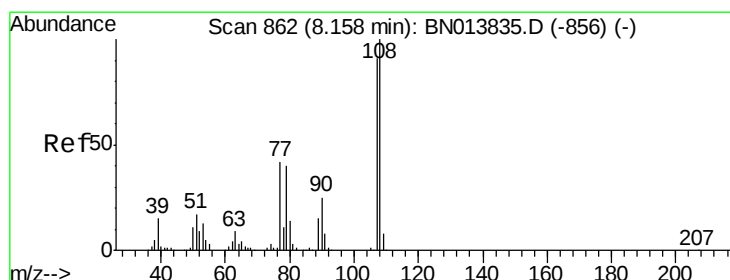
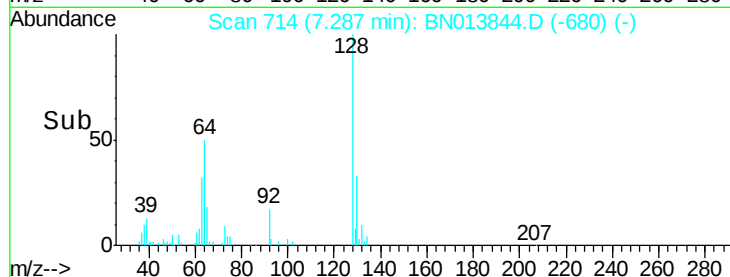
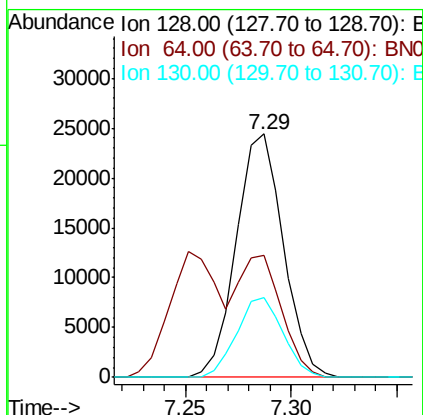
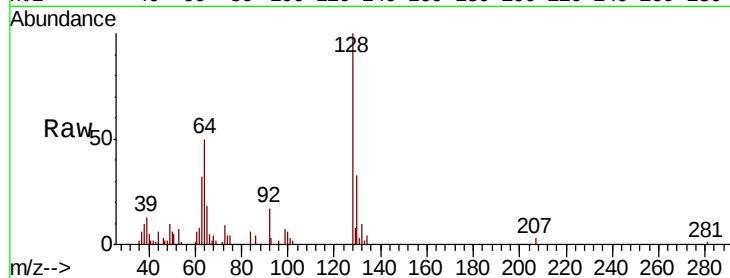




#10
2-Chlorophenol
Concen: 3.637 ng/ul
RT: 7.29 min Scan# 714
Delta R.T. 0.00 min
Lab File: BN013844.D
Acq: 04 Mar 2021 21:57

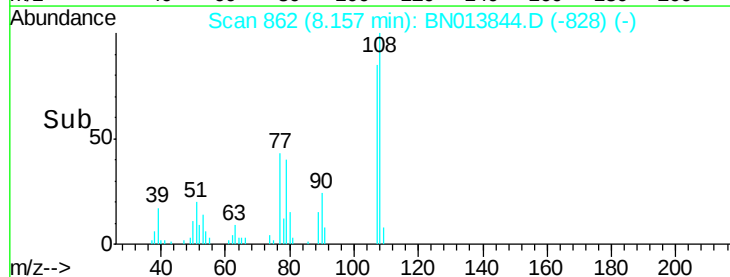
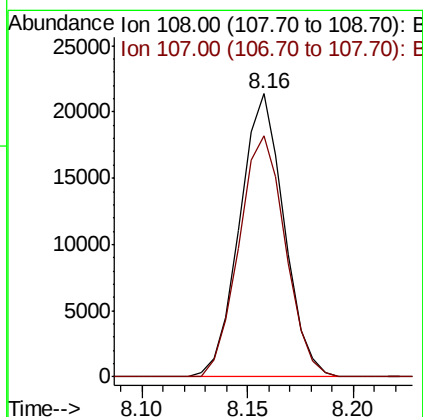
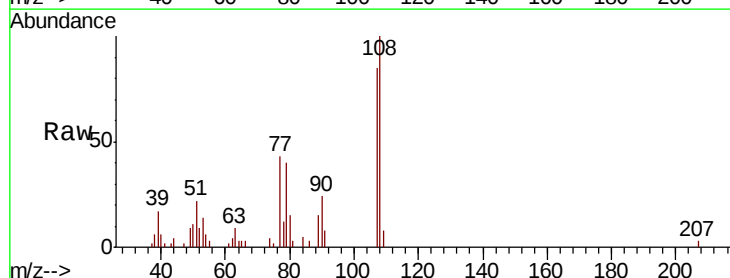
Instrument :
BNA_N
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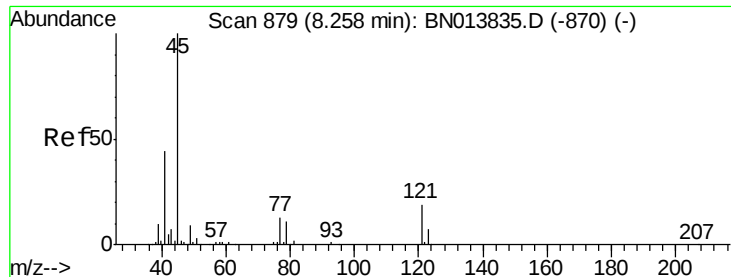
Tot Ion:128 Resp: 37831
Ion Ratio Lower Upper
128 100
64 50.3 40.1 60.1
130 32.7 25.9 38.9



#11
2-Methylphenol
Concen: 3.155 ng/ul
RT: 8.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BN013844.D
Acq: 04 Mar 2021 21:57

Tgt Ion:108 Resp: 31145
Ion Ratio Lower Upper
108 100
107 85.3 70.3 105.5

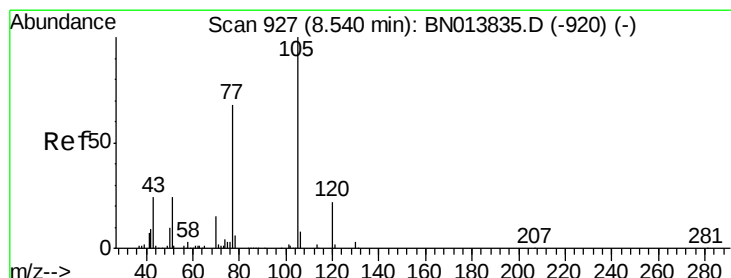
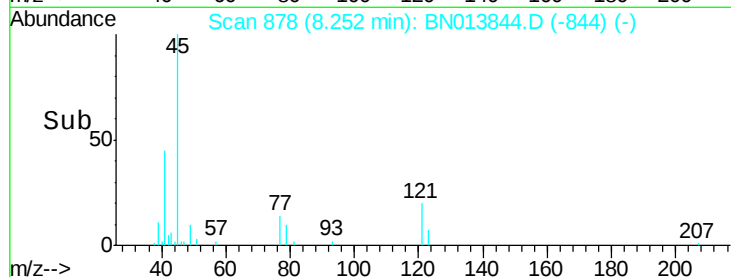
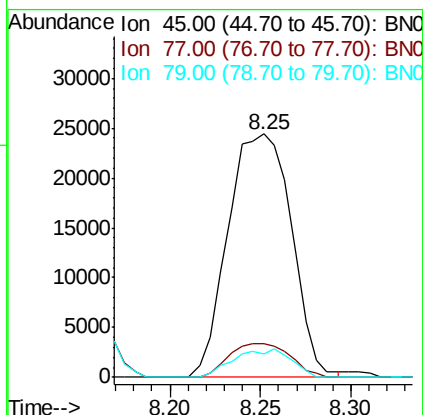
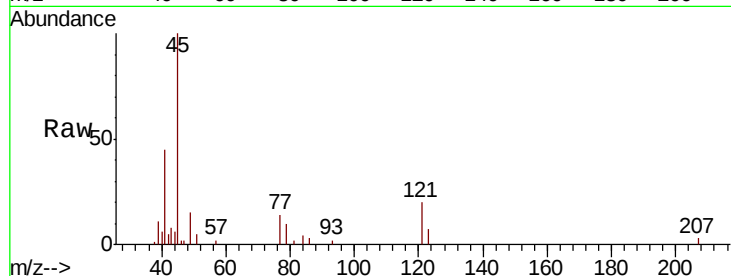




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 3.632 ng/ul
RT: 8.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BN013844.D
Acq: 04 Mar 2021 21:57

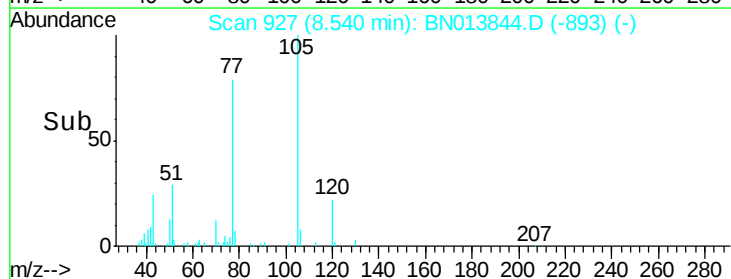
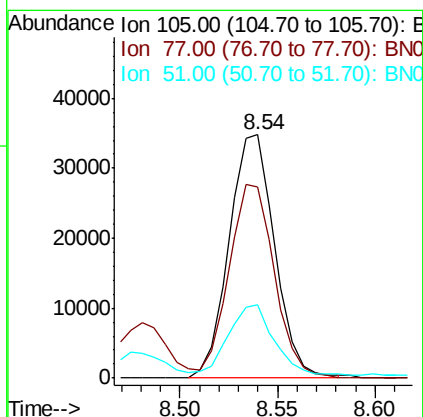
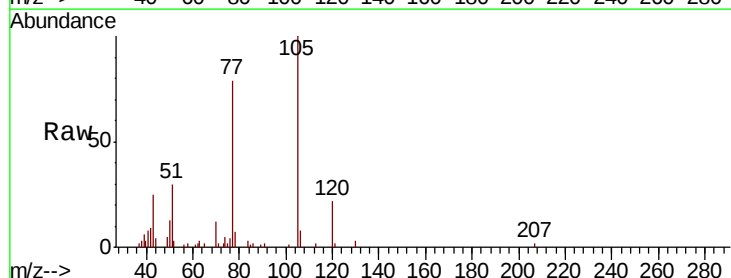
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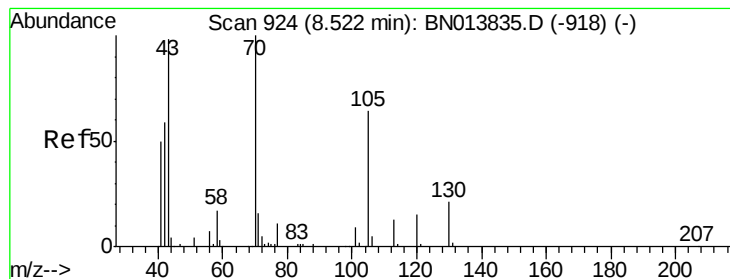
Tot Ion: 45 Resp: 59358
Ion Ratio Lower Upper
45 100
77 14.1 9.8 14.8
79 9.5 7.5 11.3



#14
Acetophenone
Concen: 3.537 ng/ul
RT: 8.54 min Scan# 927
Delta R.T. 0.00 min
Lab File: BN013844.D
Acq: 04 Mar 2021 21:57

Tgt Ion: 105 Resp: 56349
Ion Ratio Lower Upper
105 100
77 78.6 62.0 93.0
51 30.3 23.7 35.5





#15

N-Nitroso-di-n-propylamine

Concen: 3.197 ng/ul

RT: 8.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

Tot Ion: 70 Resp: 25278

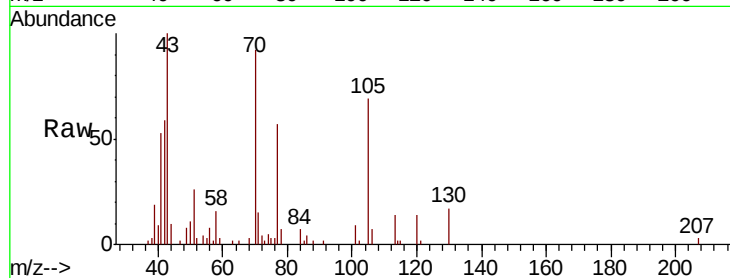
Ion Ratio Lower Upper

70 100

42 63.7 52.4 78.6

101 9.6 7.6 11.4

130 18.2 16.1 24.1

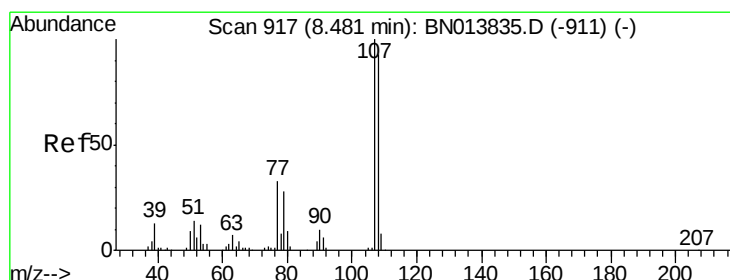
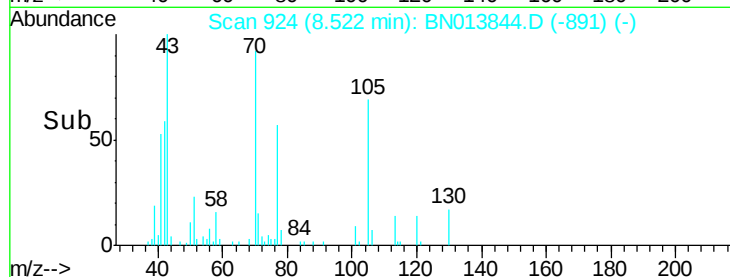
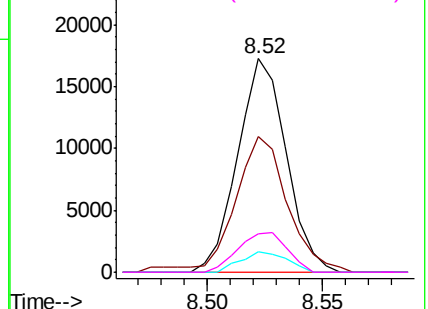


Abundance Ion 70.00 (69.70 to 70.70): BN013835.D (-918) (-)

Ion 42.00 (41.70 to 42.70): BN013835.D (-918) (-)

Ion 101.00 (100.70 to 101.70): BN013835.D (-918) (-)

Ion 130.00 (129.70 to 130.70): BN013835.D (-918) (-)



#16

4-Methylphenol

Concen: 3.484 ng/ul

RT: 8.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BN013844.D

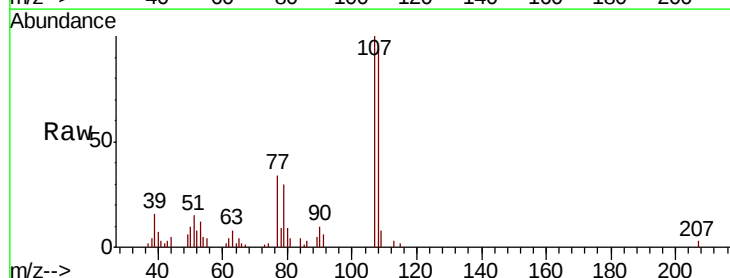
Acq: 04 Mar 2021 21:57

Tgt Ion: 108 Resp: 37314

Ion Ratio Lower Upper

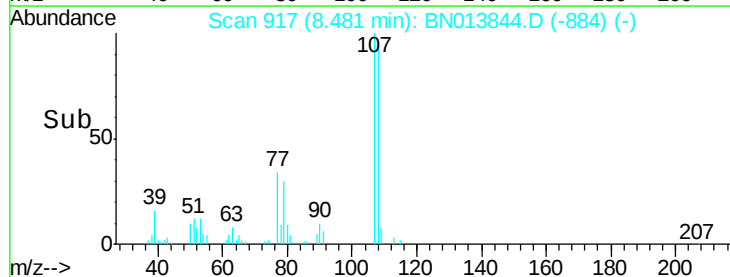
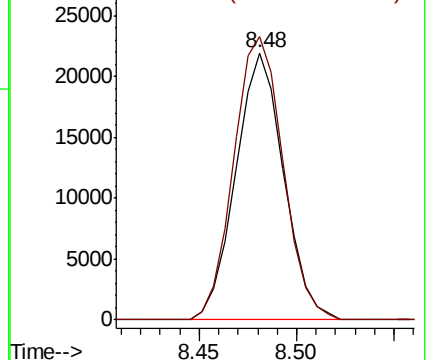
108 100

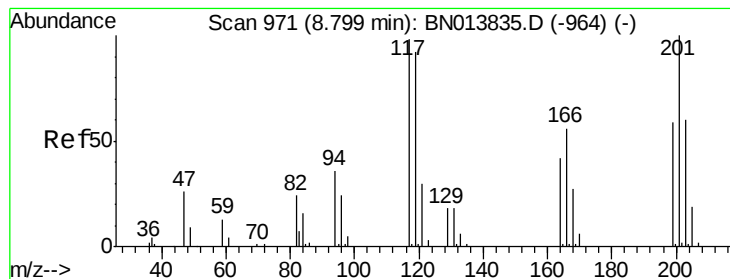
107 106.0 89.9 134.9



Abundance Ion 108.00 (107.70 to 108.70): BN013835.D (-911) (-)

Ion 107.00 (106.70 to 107.70): BN013835.D (-911) (-)





#17

Hexachloroethane

Concen: 3.540 ng/ul

RT: 8.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

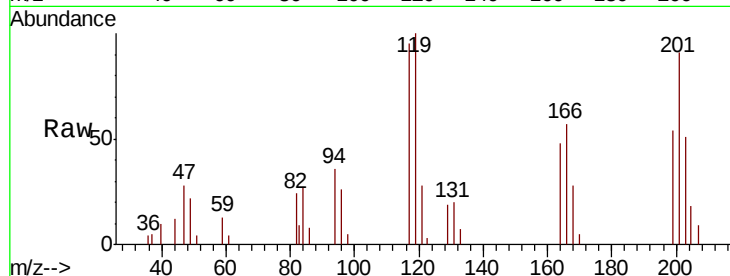
Tot Ion:117 Resp: 15622

Ion Ratio Lower Upper

117 100

201 95.6 77.8 116.6

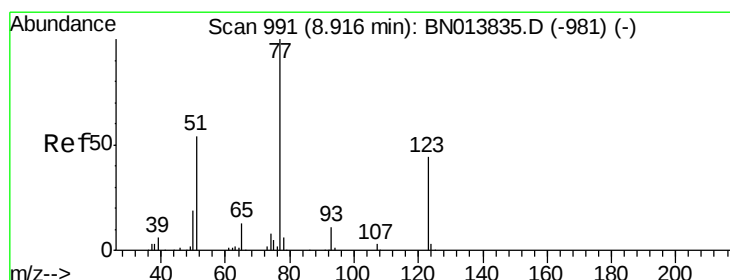
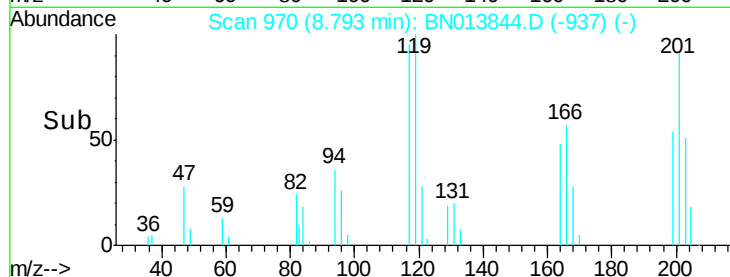
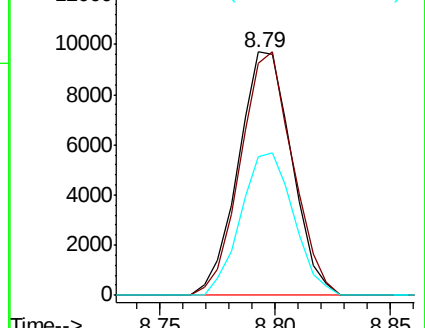
199 57.1 49.6 74.4



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: 3.793 ng/ul

RT: 8.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

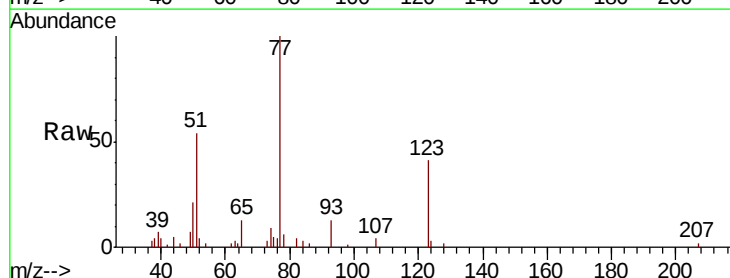
Tgt Ion: 77 Resp: 44875

Ion Ratio Lower Upper

77 100

123 40.6 34.7 52.1

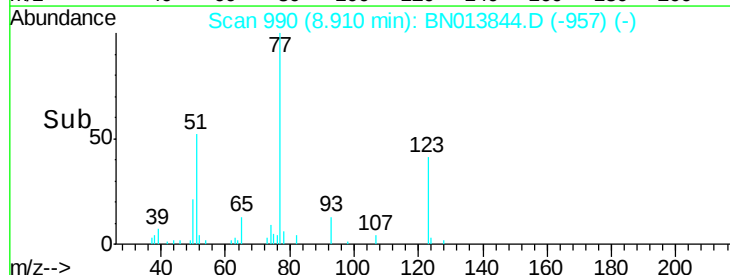
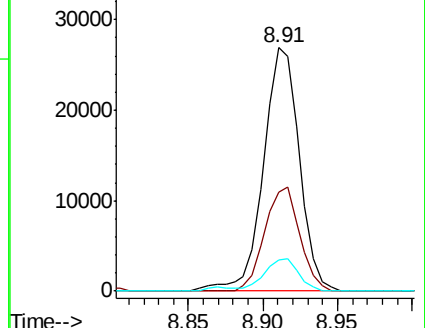
65 12.8 11.0 16.4

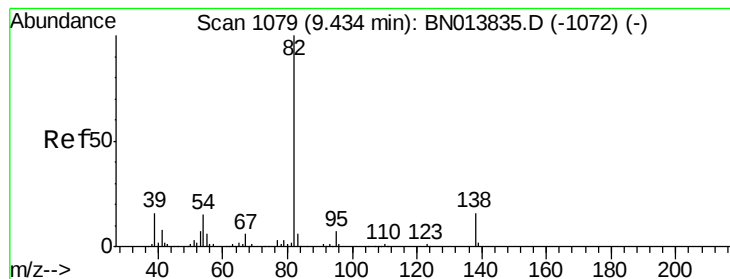


Abundance Ion 77.00 (76.70 to 77.70): BNO

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BNO





#21

Isophorone

Concen: 3.117 ng/ul

RT: 9.43 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

Instrument :

BNA_N

ClientSampled :

MDL-SOIL-03

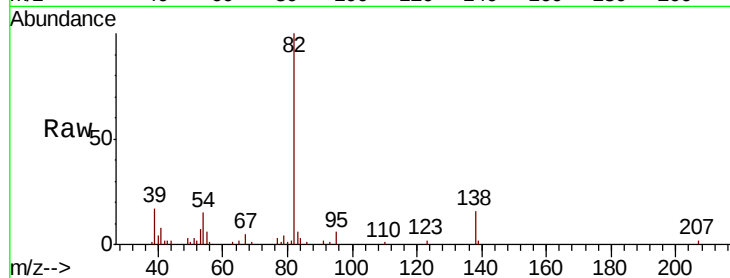
Tot Ion: 82 Resp: 64660

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

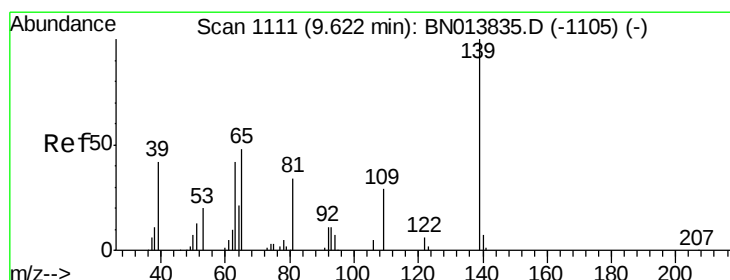
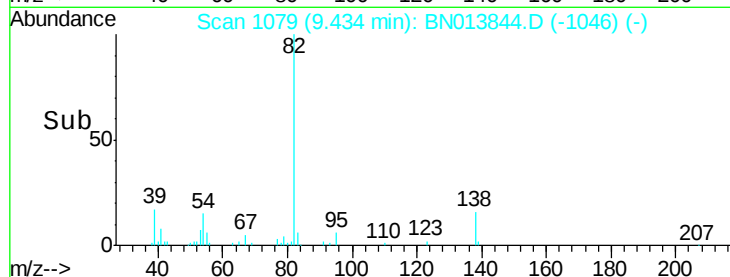
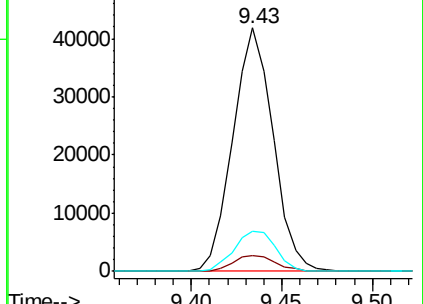
138 16.2 13.8 20.6



Abundance Ion 82.00 (81.70 to 82.70): BN013835.D (-1072) (-)

Ion 95.00 (94.70 to 95.70): BN013835.D (-1072) (-)

Ion 138.00 (137.70 to 138.70): BN013835.D (-1072) (-)



#23

2-Nitrophenol

Concen: 3.779 ng/ul

RT: 9.62 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

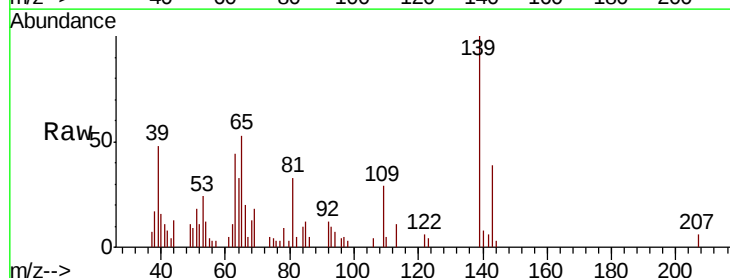
Tgt Ion: 139 Resp: 18265

Ion Ratio Lower Upper

139 100

65 52.5 43.9 65.9

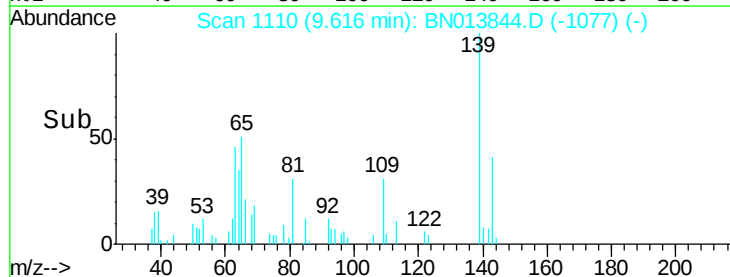
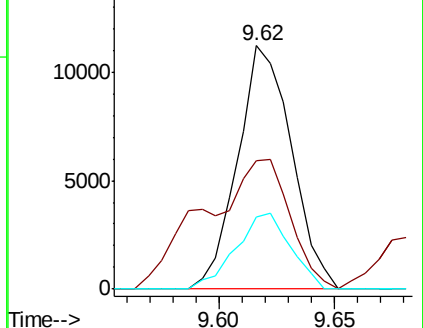
109 29.5 24.2 36.4

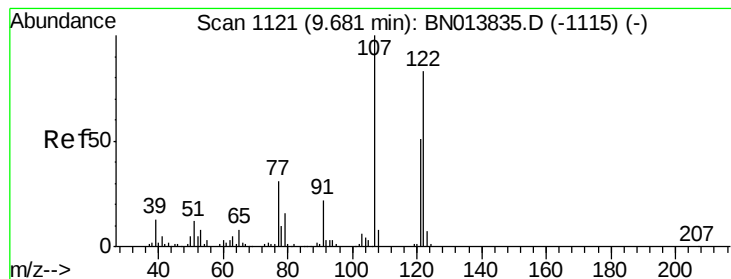


Abundance Ion 139.00 (138.70 to 139.70): BN013835.D (-1105) (-)

Ion 65.00 (64.70 to 65.70): BN013835.D (-1105) (-)

Ion 109.00 (108.70 to 109.70): BN013835.D (-1105) (-)





#24

2,4-Dimethylphenol

Concen: 3.401 ng/ul

RT: 9.68 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

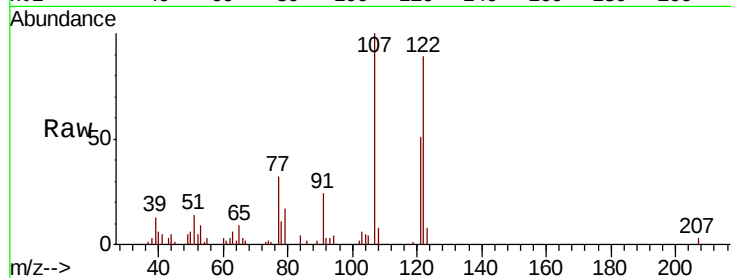
Tot Ion:107 Resp: 38714

Ion Ratio Lower Upper

107 100

121 51.2 40.6 61.0

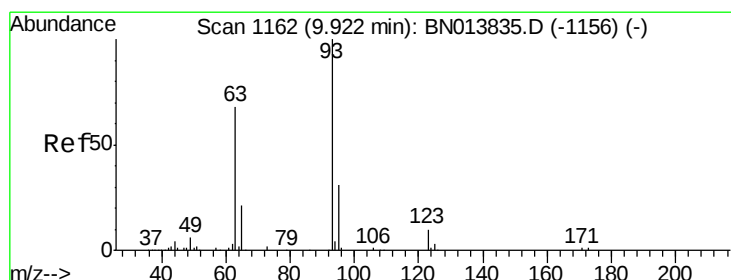
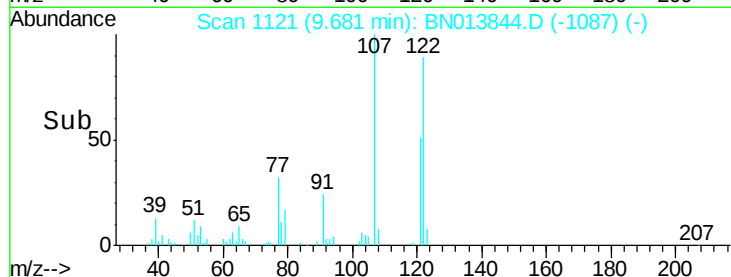
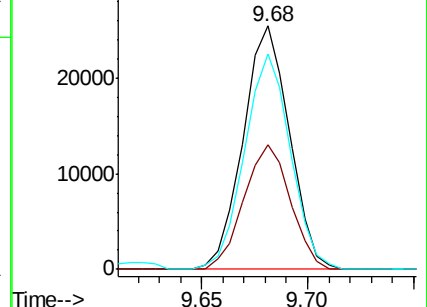
122 88.6 67.0 100.6



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: 3.477 ng/ul

RT: 9.92 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

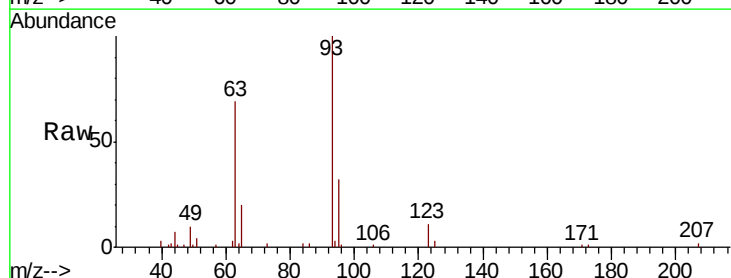
Tgt Ion: 93 Resp: 48152

Ion Ratio Lower Upper

93 100

95 31.7 26.2 39.2

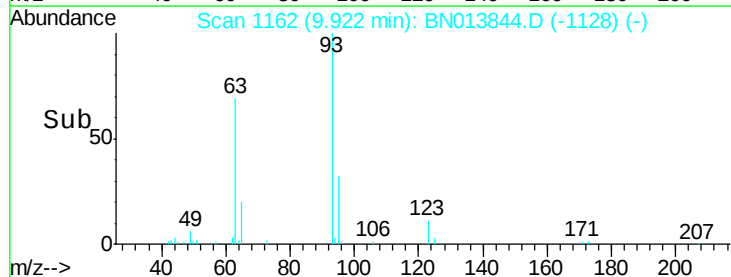
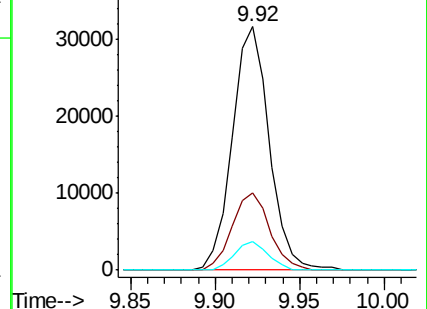
123 11.5 8.7 13.1

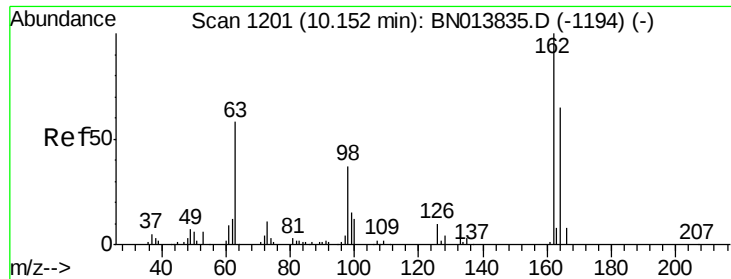


Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 95.00 (94.70 to 95.70): BN0

Ion 123.00 (122.70 to 123.70): E

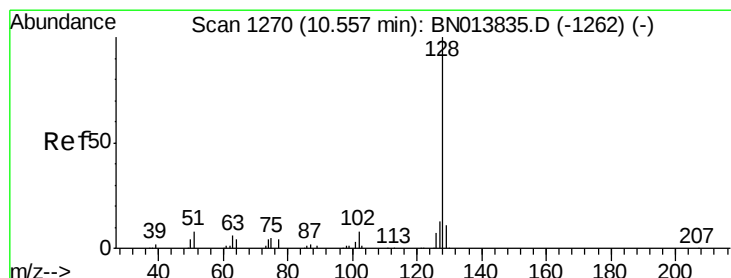
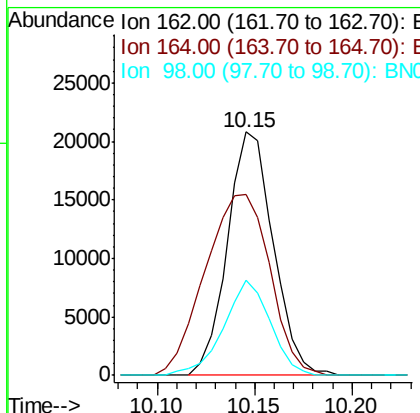
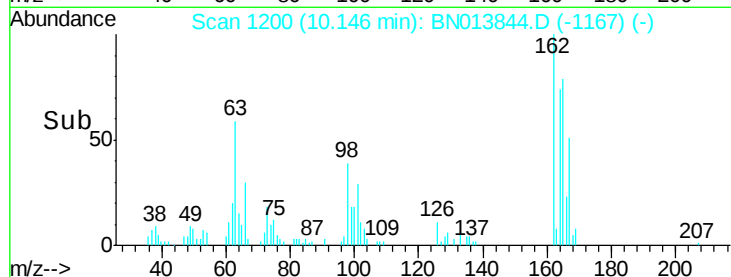
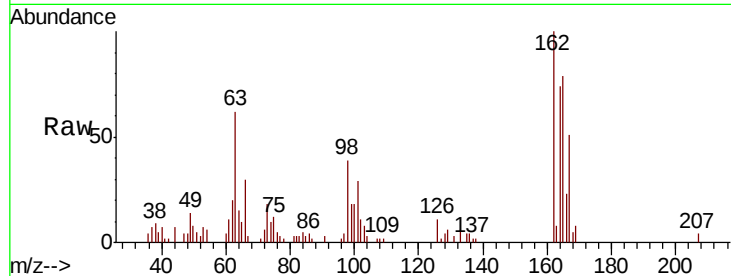




#27
2,4-Dichlorophenol
Concen: 3.647 ng/ul
RT: 10.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BN013844.D
Acq: 04 Mar 2021 21:57

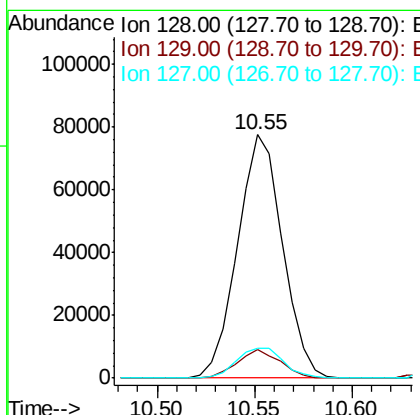
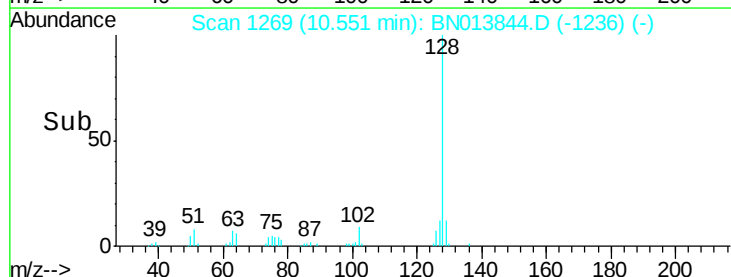
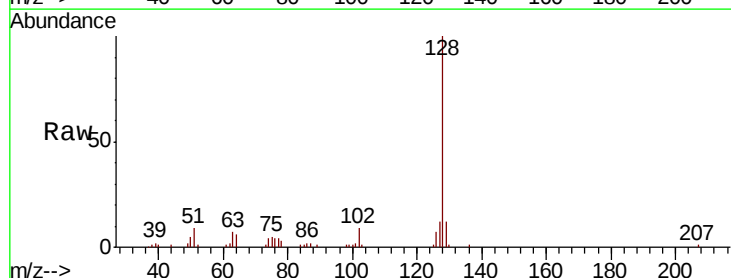
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03

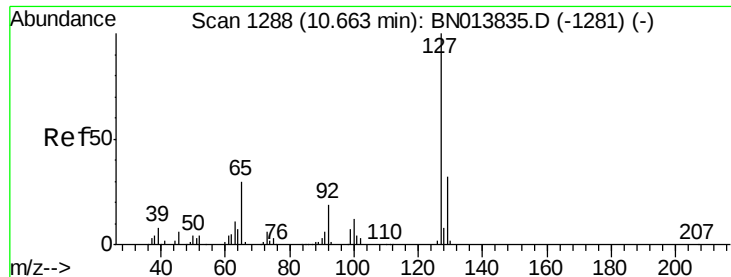
Tot Ion:162 Resp: 33874
Ion Ratio Lower Upper
162 100
164 74.1 51.0 76.6
98 38.8 28.6 43.0



#28
Naphthalene
Concen: 3.702 ng/ul
RT: 10.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BN013844.D
Acq: 04 Mar 2021 21:57

Tgt Ion:128 Resp: 124050
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 12.2 10.6 16.0

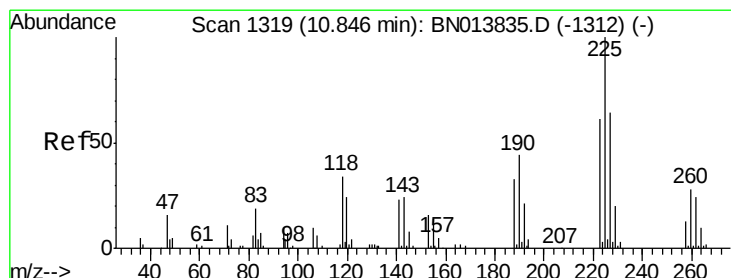
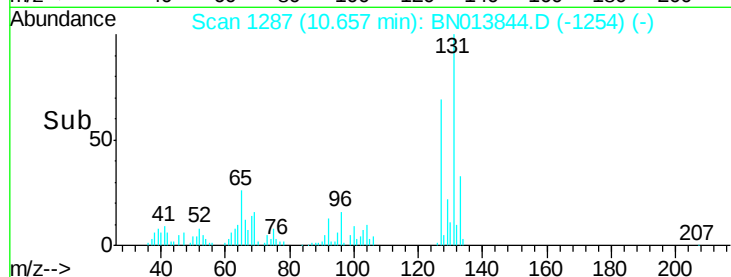
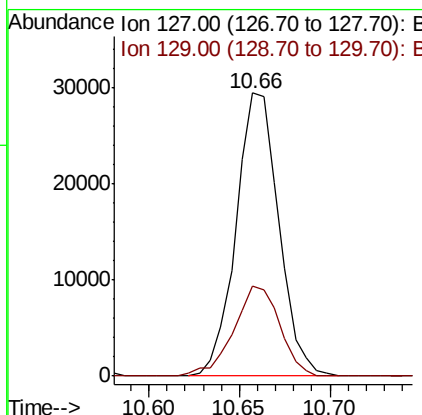
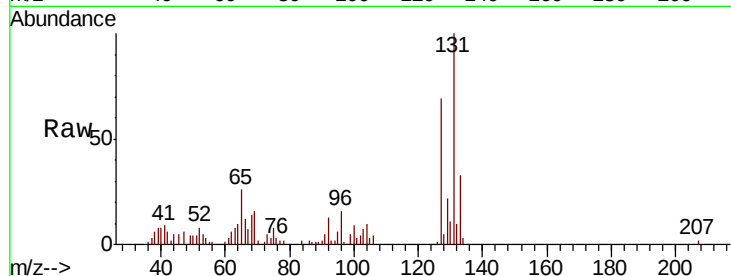




#30
4-Chloroaniline
Concen: 4.173 ng/ul
RT: 10.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BN013844.D
Acq: 04 Mar 2021 21:57

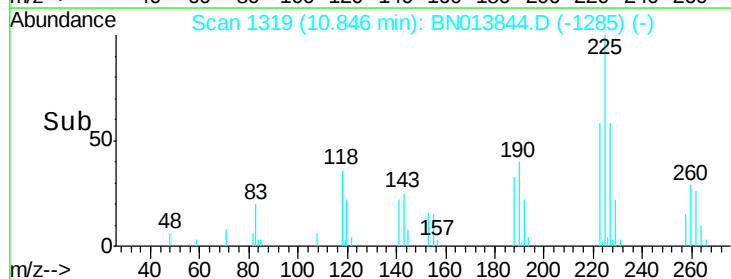
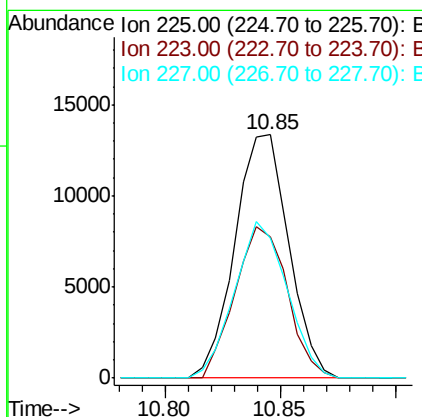
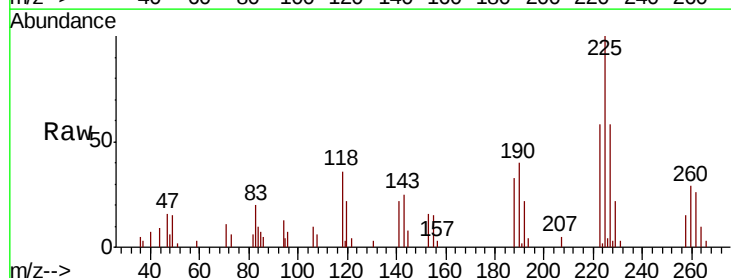
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03

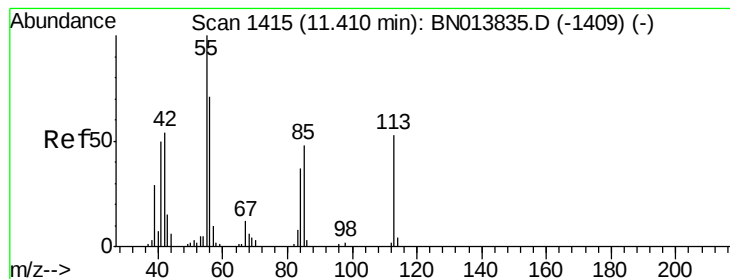
Tot Ion:127 Resp: 48448
Ion Ratio Lower Upper
127 100
129 31.9 26.4 39.6



#31
Hexachlorobutadiene
Concen: 3.678 ng/ul
RT: 10.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BN013844.D
Acq: 04 Mar 2021 21:57

Tgt Ion:225 Resp: 21751
Ion Ratio Lower Upper
225 100
223 58.0 50.6 76.0
227 60.7 51.0 76.4





#32

Caprolactam

Concen: 2.059 ng/ul

RT: 11.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

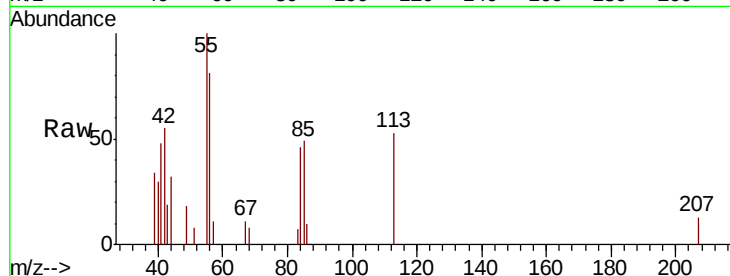
Tot Ion:113 Resp: 5789

Ion Ratio Lower Upper

113 100

55 189.3 145.6 218.4

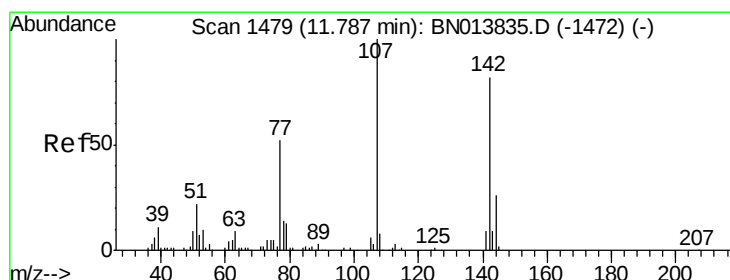
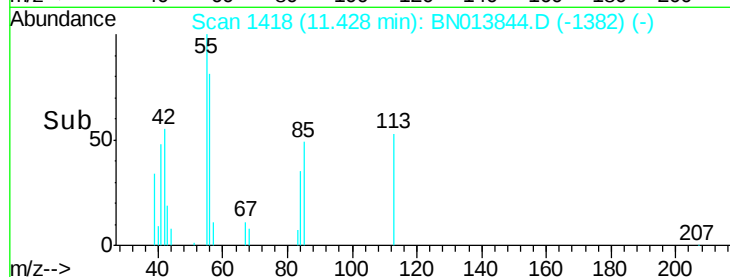
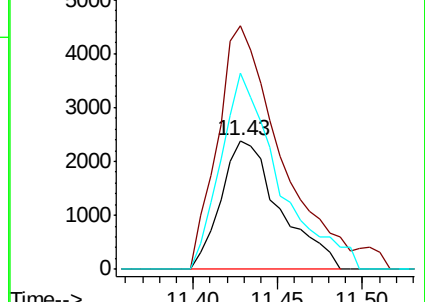
56 152.5 103.3 154.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BN0

Ion 56.00 (55.70 to 56.70): BN0



#33

4-Chloro-3-methylphenol

Concen: 2.937 ng/ul

RT: 11.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

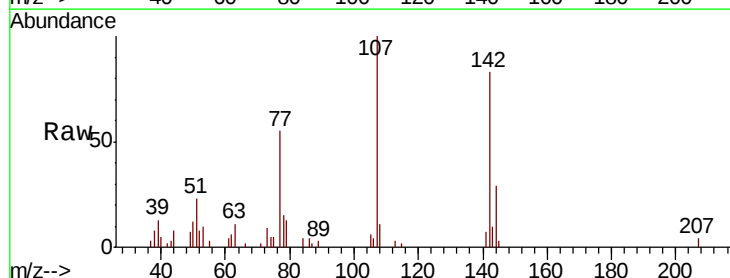
Tgt Ion:107 Resp: 27796

Ion Ratio Lower Upper

107 100

144 28.5 21.6 32.4

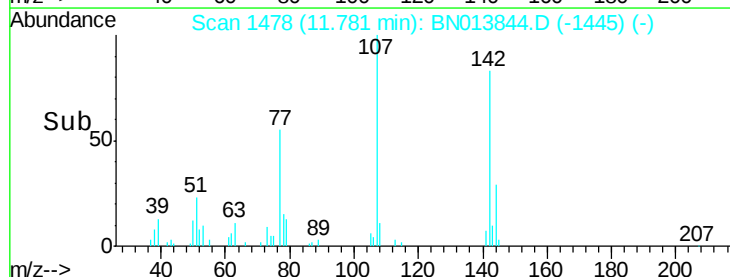
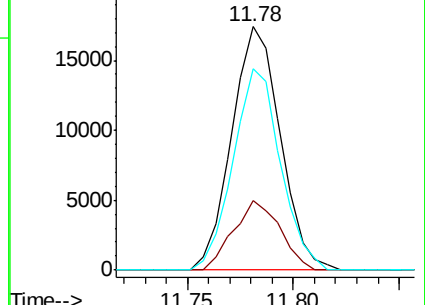
142 83.0 64.0 96.0

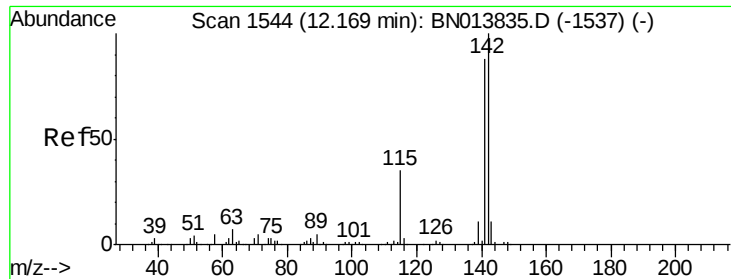


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

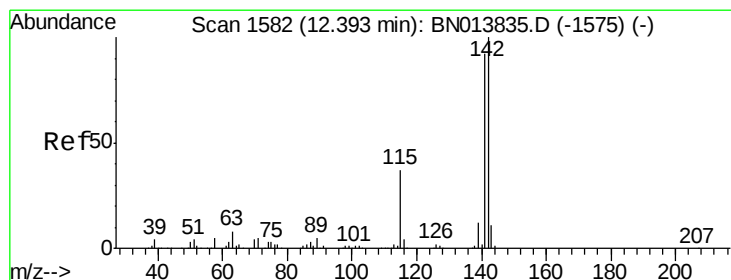
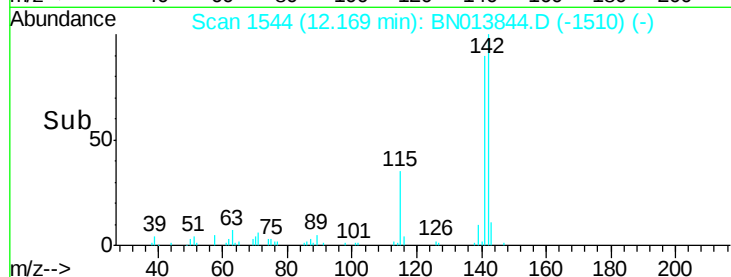
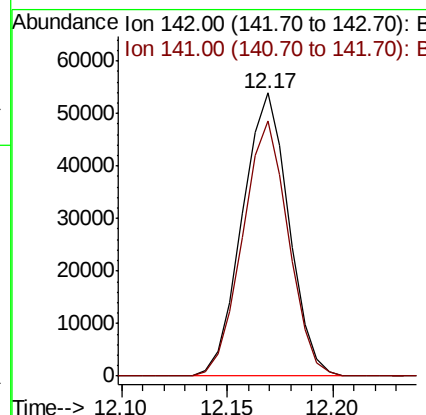
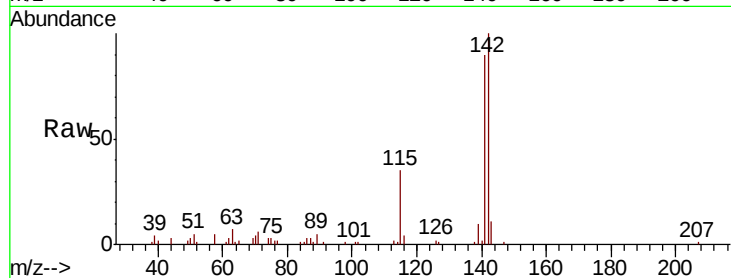




#34
2-Methylnaphthalene
Concen: 3.598 ng/ul
RT: 12.17 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BN013844.D
Acq: 04 Mar 2021 21:57

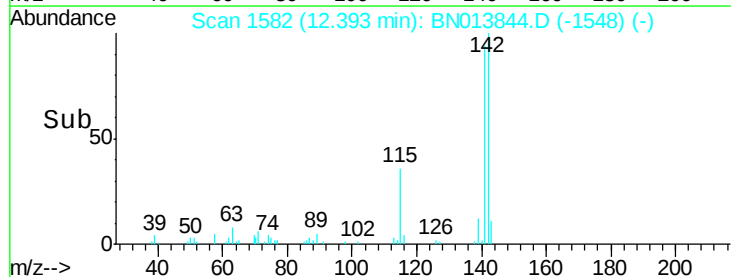
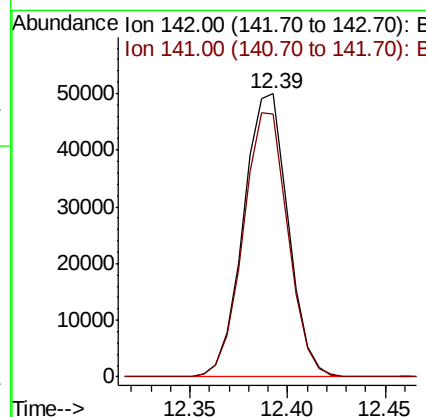
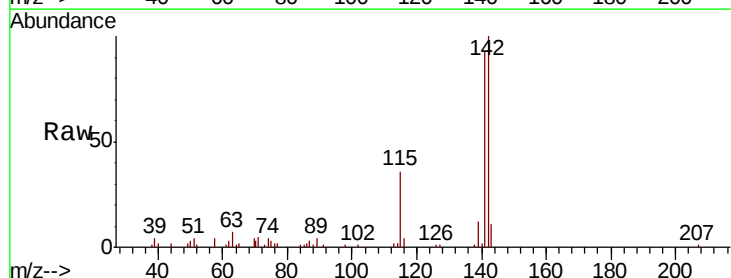
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03

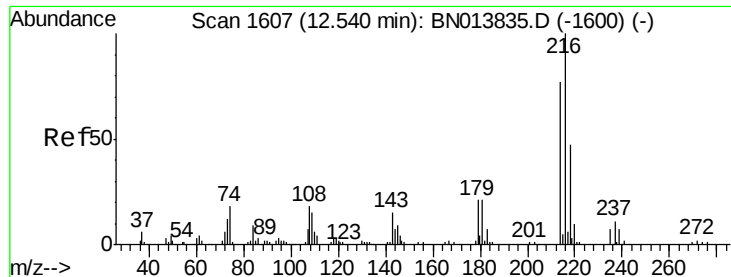
Tot Ion:142 Resp: 82351
Ion Ratio Lower Upper
142 100
141 90.0 72.5 108.7



#35
1-Methylnaphthalene
Concen: 3.592 ng/ul
RT: 12.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BN013844.D
Acq: 04 Mar 2021 21:57

Tgt Ion:142 Resp: 79238
Ion Ratio Lower Upper
142 100
141 92.9 74.3 111.5

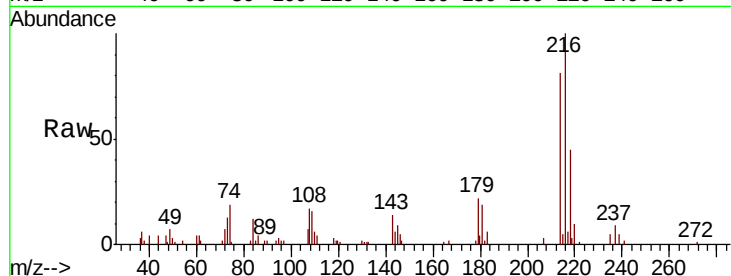




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.571 ng/ul
 RT: 12.54 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BN013844.D
 Acq: 04 Mar 2021 21:57

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
216	100		
214	81.3	63.0	94.6
179	21.7	16.4	24.6
108	17.4	15.5	23.3



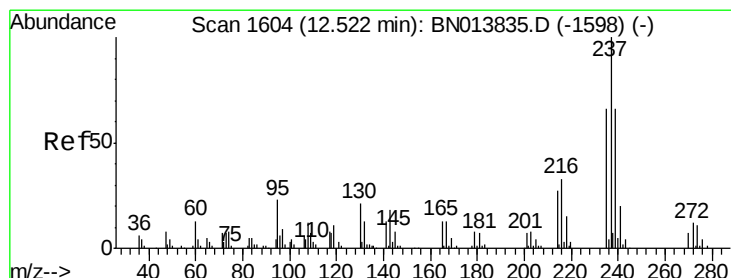
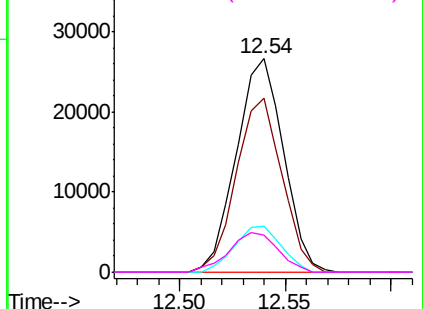
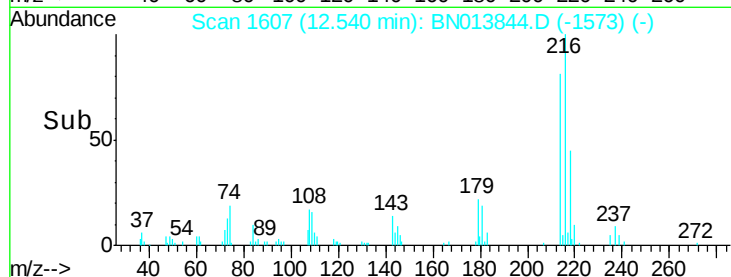
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

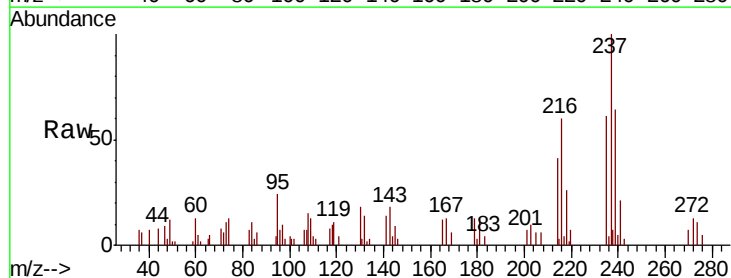
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#38
 Hexachlorocyclopentadiene
 Concen: 2.940 ng/ul
 RT: 12.52 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: BN013844.D
 Acq: 04 Mar 2021 21:57

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.5	51.4	77.0
272	13.3	11.0	16.4

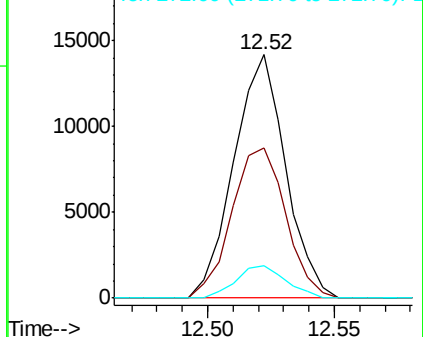
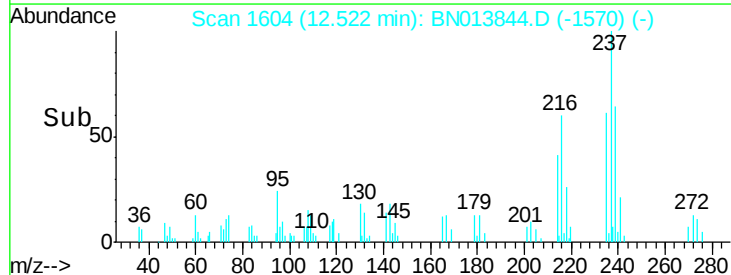


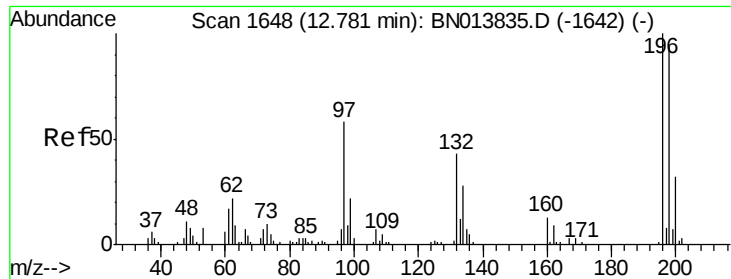
Abundance

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

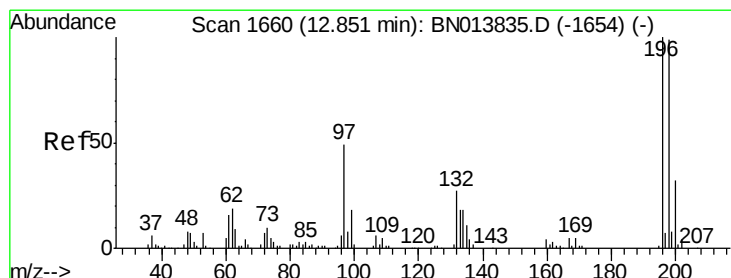
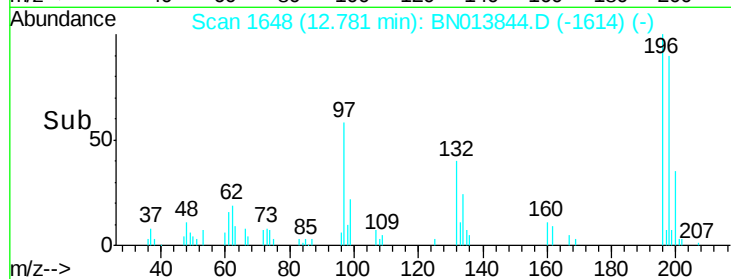
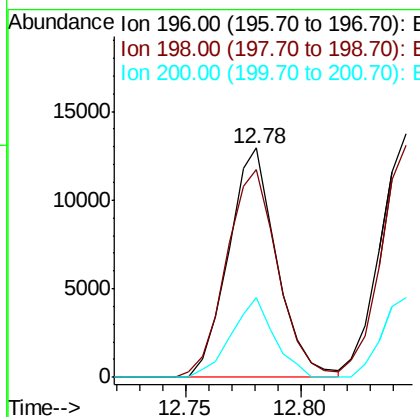
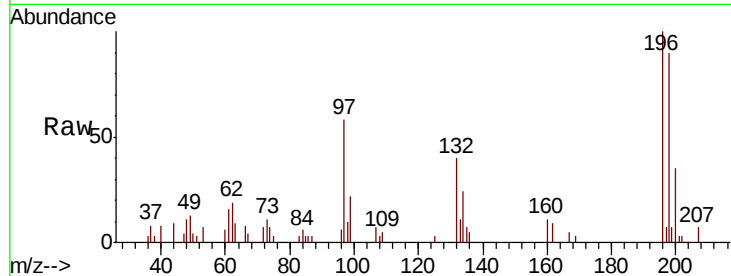




#39
 2,4,6-Trichlorophenol
 Concen: 2.829 ng/ul
 RT: 12.78 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BN013844.D
 Acq: 04 Mar 2021 21:57

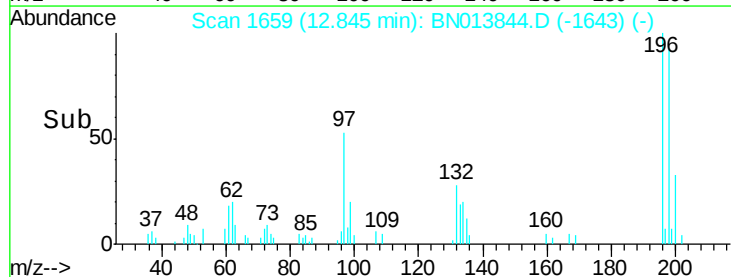
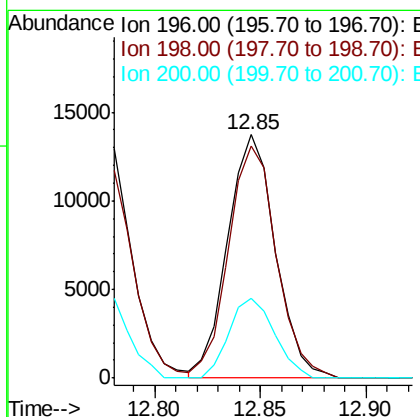
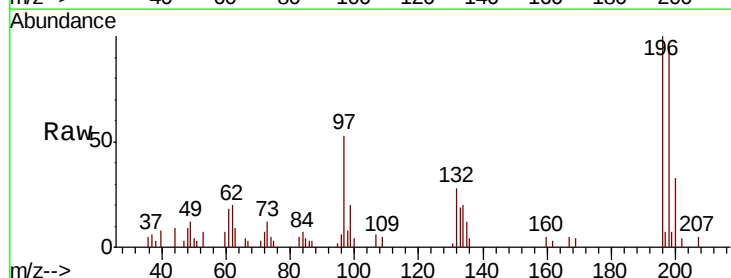
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03

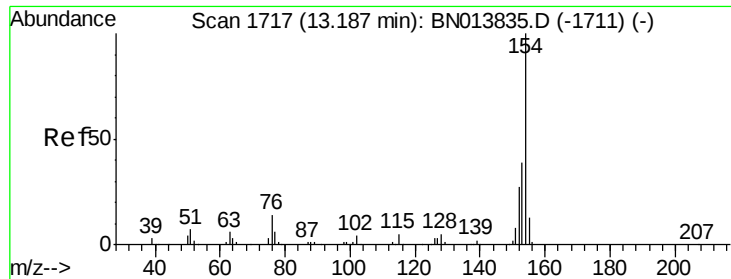
Tot Ion:196 Resp: 18858
 Ion Ratio Lower Upper
 196 100
 198 90.5 78.6 118.0
 200 34.6 23.7 35.5



#40
 2,4,5-Trichlorophenol
 Concen: 2.948 ng/ul
 RT: 12.85 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BN013844.D
 Acq: 04 Mar 2021 21:57

Tgt Ion:196 Resp: 21557
 Ion Ratio Lower Upper
 196 100
 198 95.4 73.3 109.9
 200 32.6 24.0 36.0

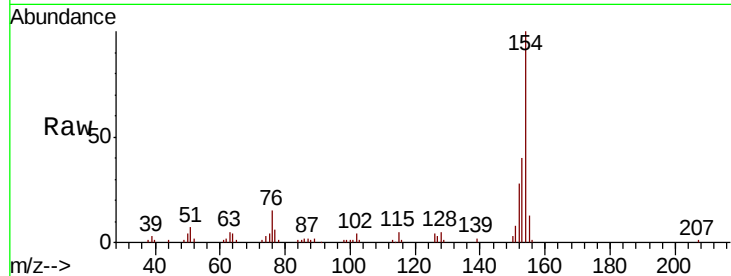




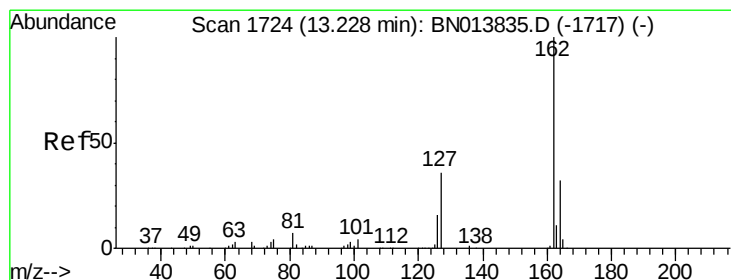
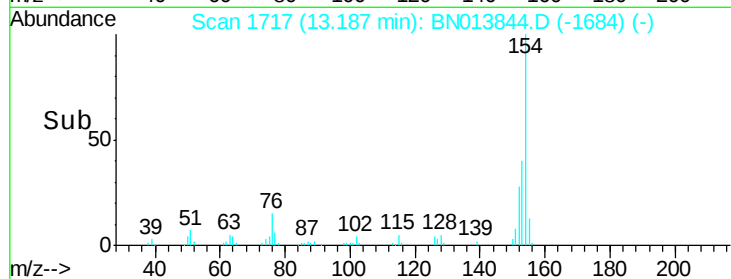
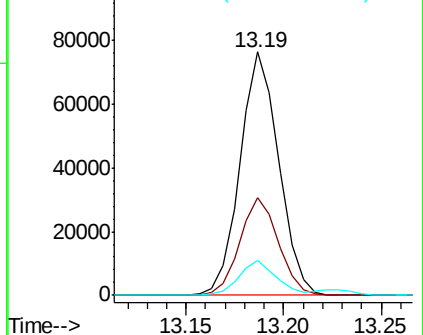
#41
 1,1'-Biphenyl
 Concen: 3.647 ng/ul
 RT: 13.19 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BN013844.D
 Acq: 04 Mar 2021 21:57

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	31.8	47.6
76	14.5	11.0	16.6

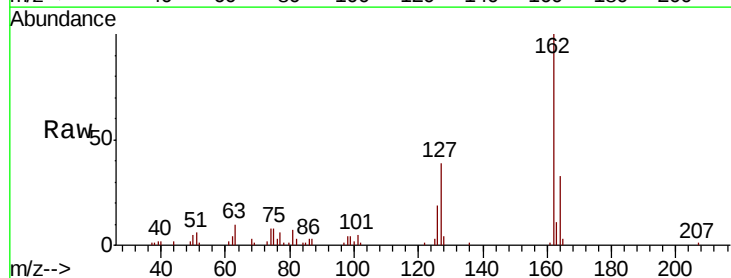


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNO

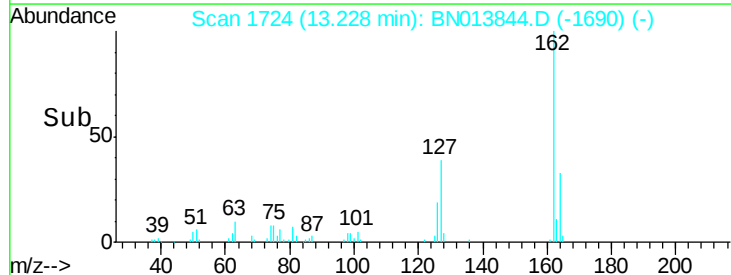
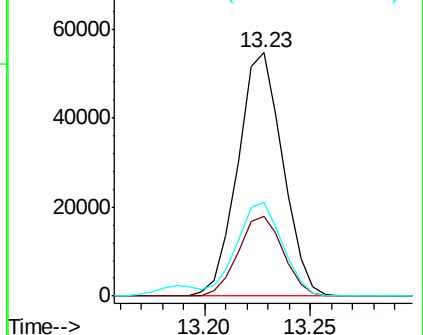


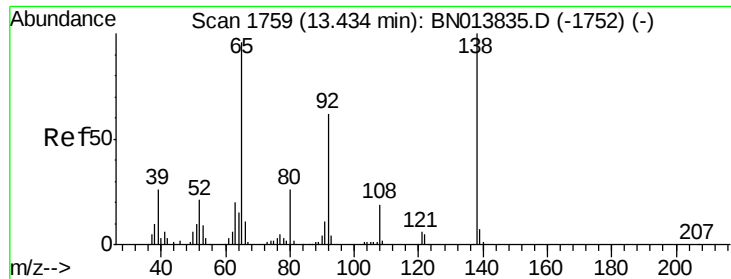
#42
 2-Chloronaphthalene
 Concen: 3.591 ng/ul
 RT: 13.23 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BN013844.D
 Acq: 04 Mar 2021 21:57

Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.6	25.3	37.9
127	38.6	30.9	46.3



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E

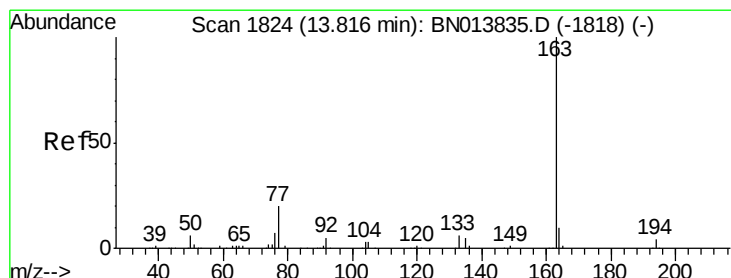
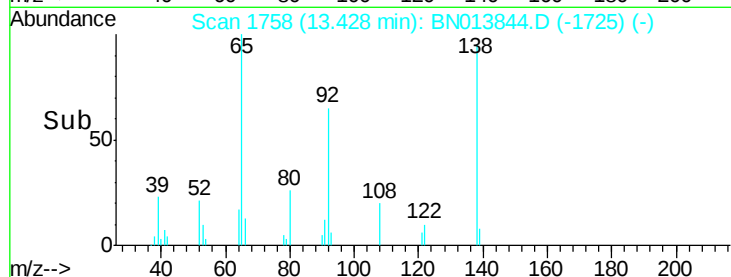
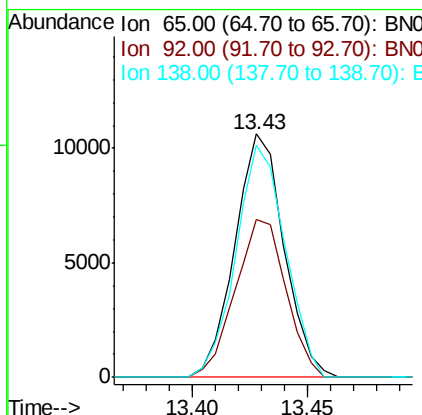
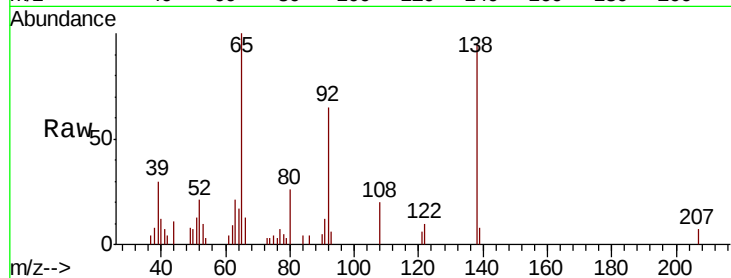




#43
2-Nitroaniline
Concen: 2.702 ng/ul
RT: 13.43 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BN013844.D
Acq: 04 Mar 2021 21:57

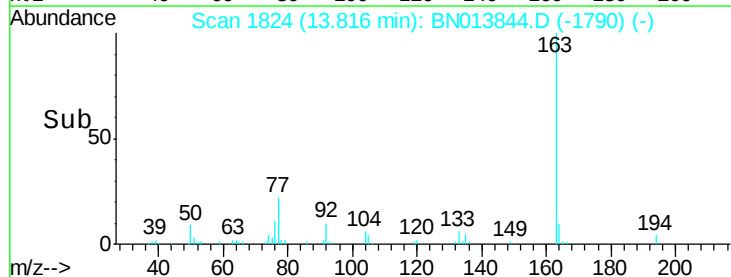
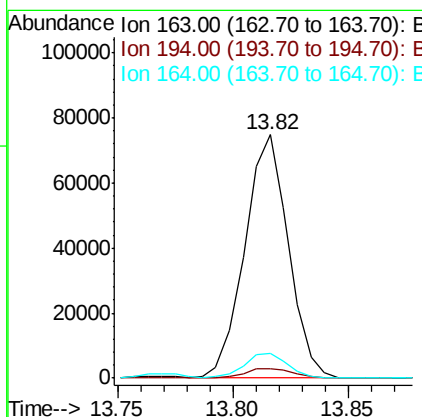
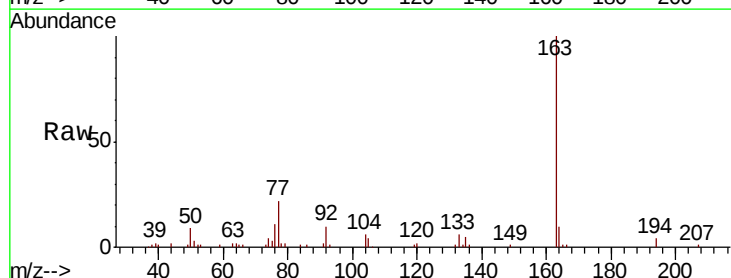
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03

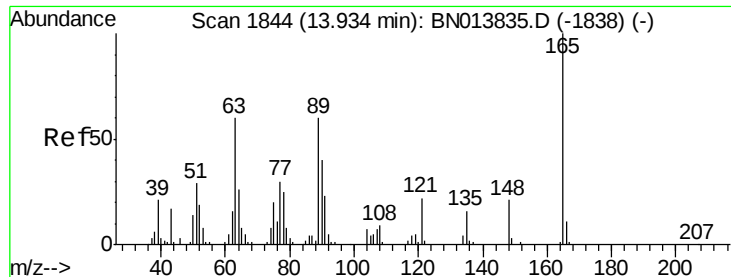
Tot Ion: 65 Resp: 15795
Ion Ratio Lower Upper
65 100
92 64.9 53.4 80.2
138 95.2 81.6 122.4



#45
Dimethylphthalate
Concen: 3.693 ng/ul
RT: 13.82 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BN013844.D
Acq: 04 Mar 2021 21:57

Tgt Ion: 163 Resp: 98416
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.0 8.3 12.5

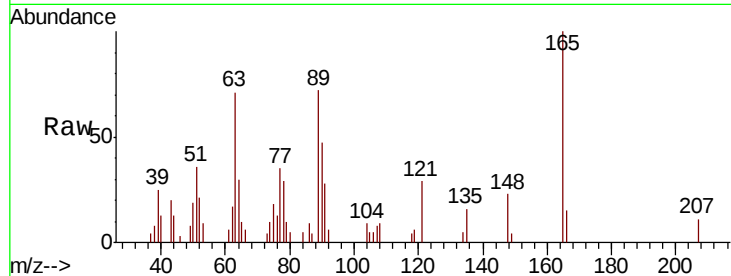




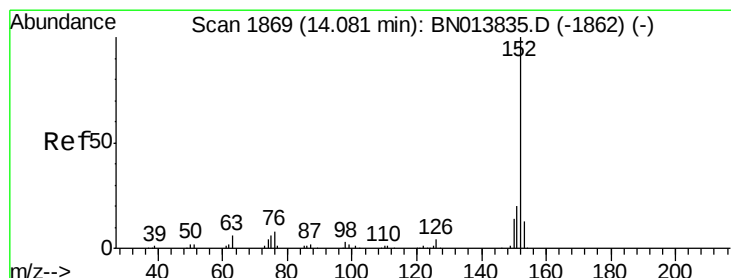
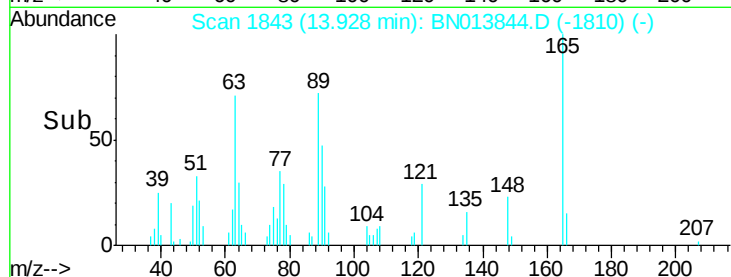
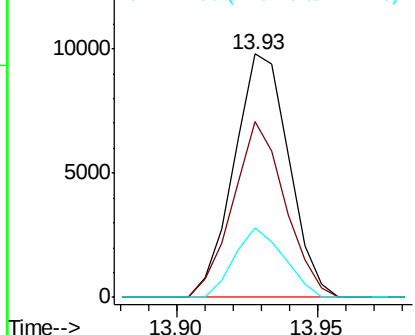
#46
2,6-Dinitrotoluene
Concen: 2.767 ng/ul
RT: 13.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BN013844.D
Acq: 04 Mar 2021 21:57

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03

Tot Ion:165 Resp: 13215
Ion Ratio Lower Upper
165 100
89 72.1 51.8 77.8
121 28.7 18.6 28.0#

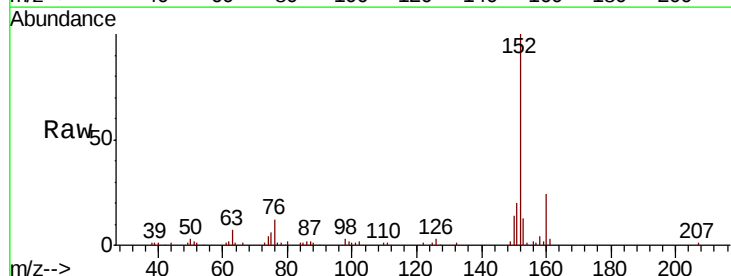


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BNO
Ion 121.00 (120.70 to 121.70): E

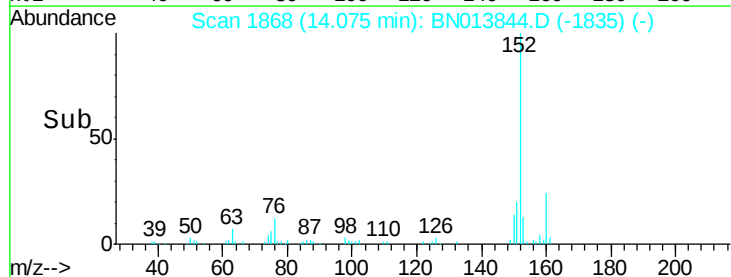
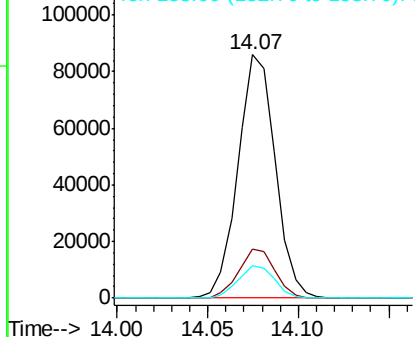


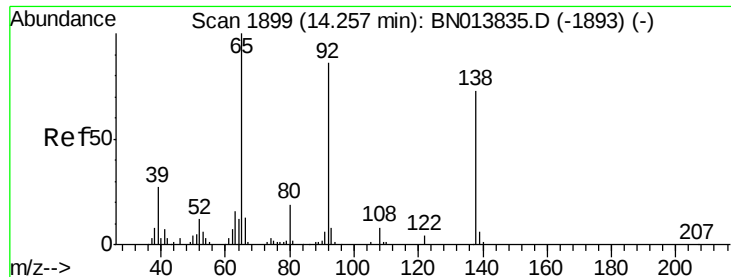
#48
Acenaphthylene
Concen: 3.720 ng/ul
RT: 14.07 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BN013844.D
Acq: 04 Mar 2021 21:57

Tgt Ion:152 Resp: 122860
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.3 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: 2.867 ng/ul

RT: 14.26 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

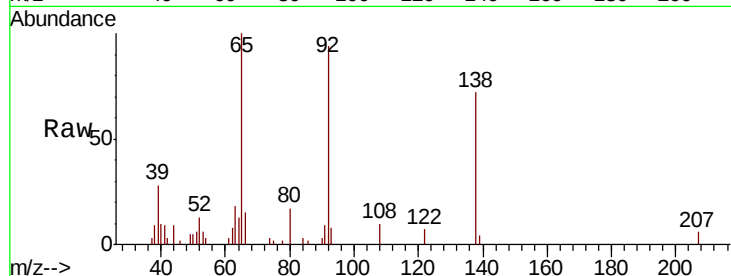
Tot Ion:138 Resp: 14892

Ion Ratio Lower Upper

138 100

108 13.2 8.6 12.8#

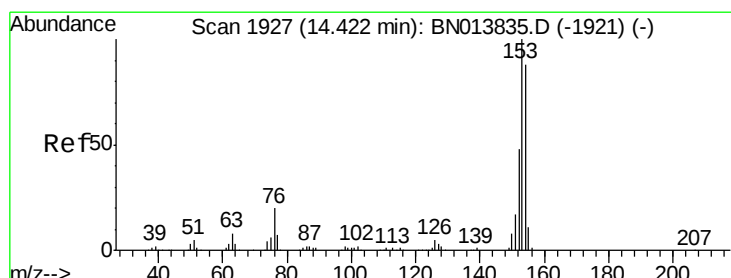
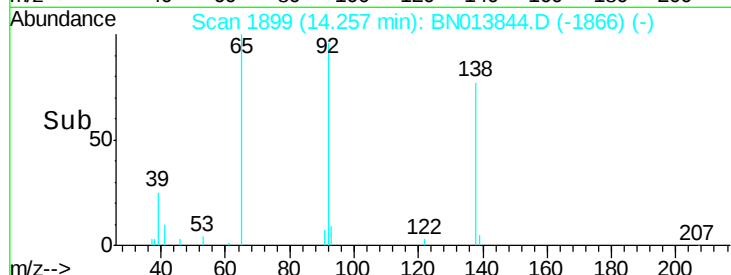
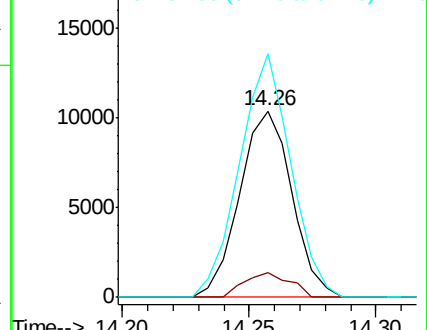
92 130.5 93.0 139.4



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: 3.736 ng/ul

RT: 14.42 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

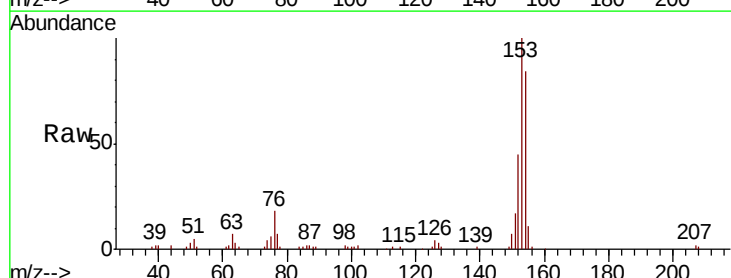
Tgt Ion:153 Resp: 89997

Ion Ratio Lower Upper

153 100

152 45.2 37.4 56.0

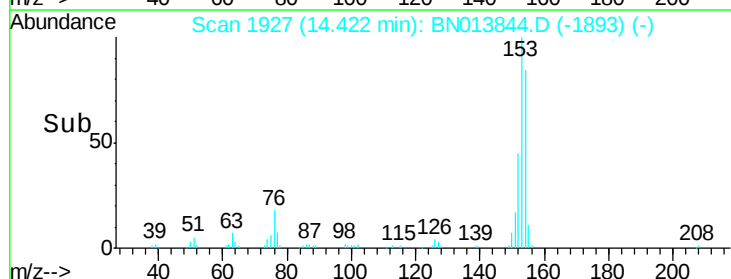
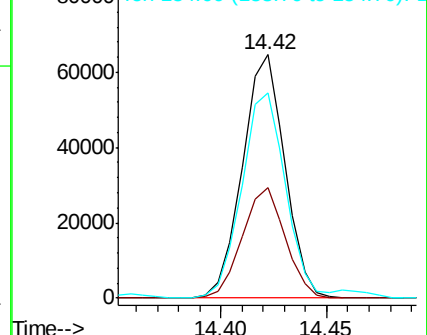
154 84.2 68.4 102.6

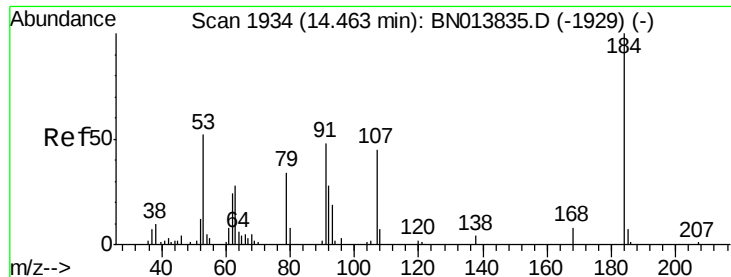


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

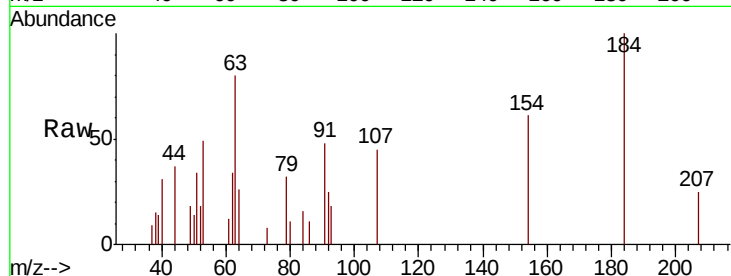




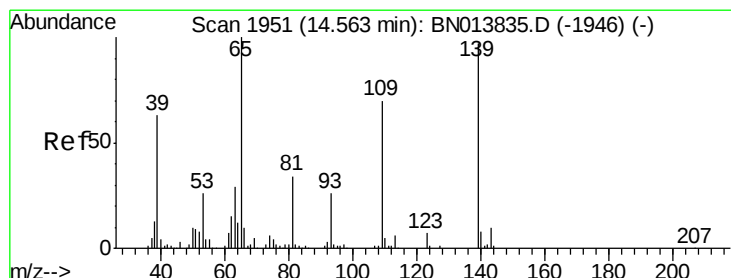
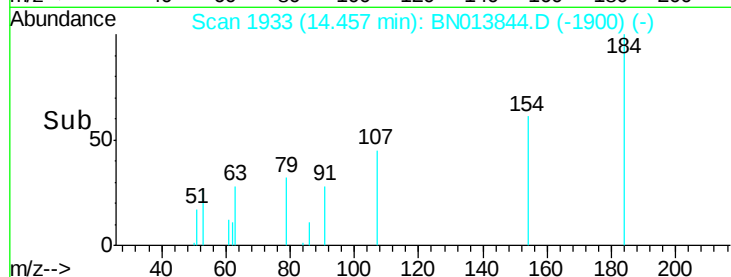
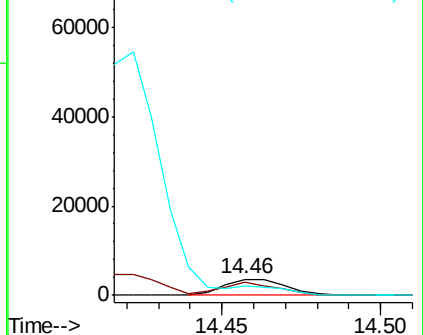
#51
2,4-Dinitrophenol
Concen: 1.937 ng/ul
RT: 14.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BN013844.D
Acq: 04 Mar 2021 21:57

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03

Tot Ion:184 Resp: 4870
Ion Ratio Lower Upper
184 100
63 80.1 58.4 87.6
154 61.3 49.4 74.2

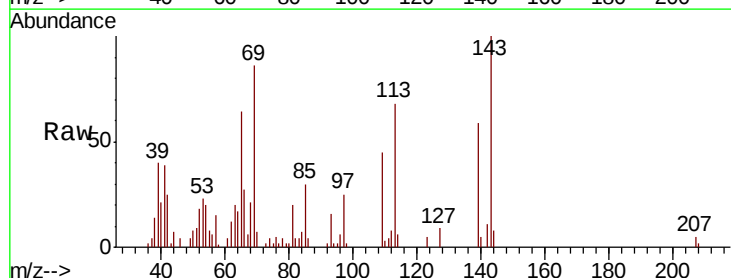


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 154.00 (153.70 to 154.70): E

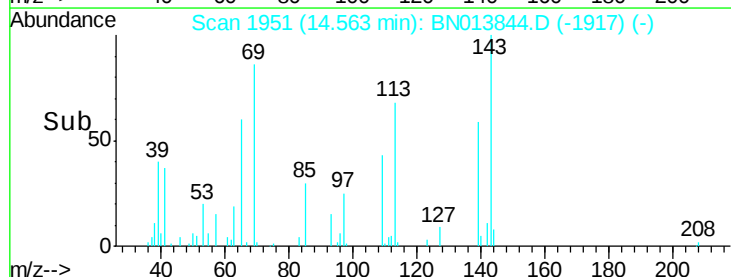
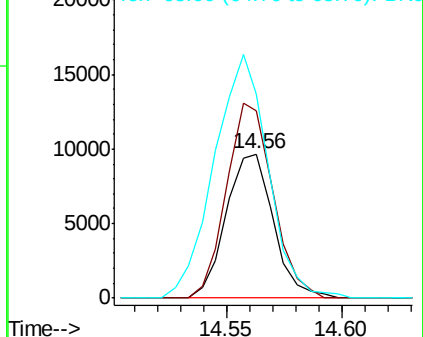


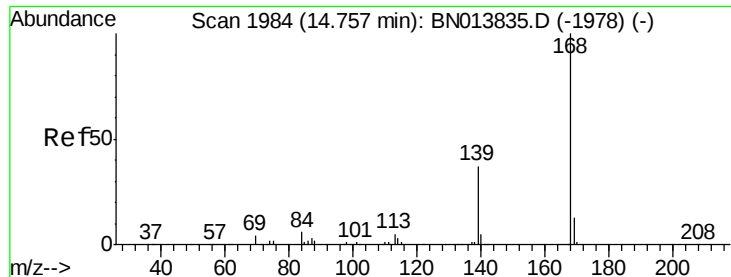
#53
4-Nitrophenol
Concen: 3.561 ng/ul
RT: 14.56 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BN013844.D
Acq: 04 Mar 2021 21:57

Tgt Ion:109 Resp: 13859
Ion Ratio Lower Upper
109 100
139 130.0 104.1 156.1
65 142.0 108.2 162.4



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





#54

Dibenzofuran

Concen: 3.781 ng/ul

RT: 14.76 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

Instrument :

BNA_N

ClientSampleId :

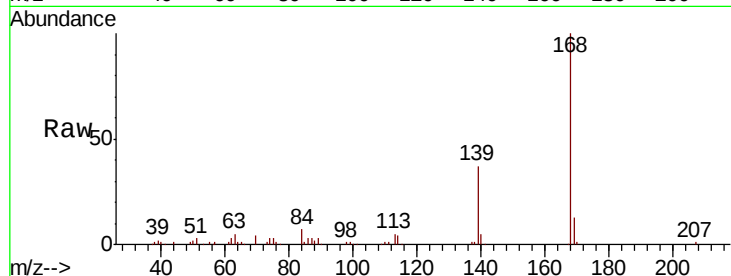
MDL-SOIL-03

Tot Ion:168 Resp: 125558

Ion Ratio Lower Upper

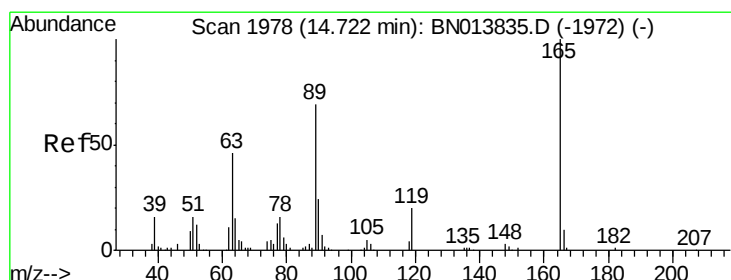
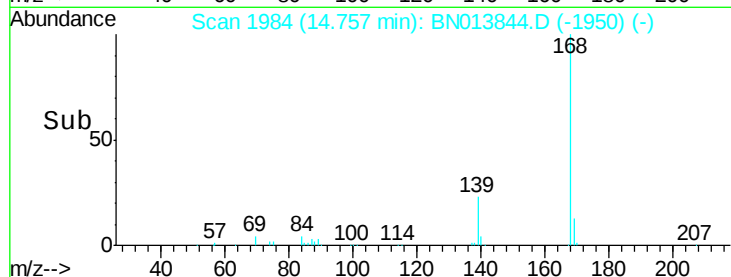
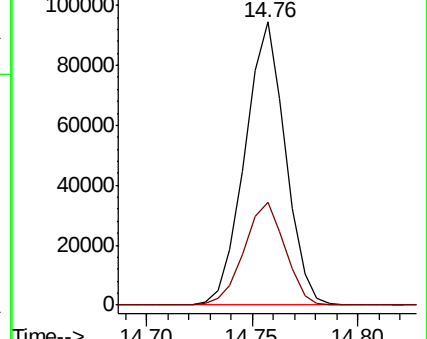
168 100

139 36.5 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: 3.129 ng/ul

RT: 14.72 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

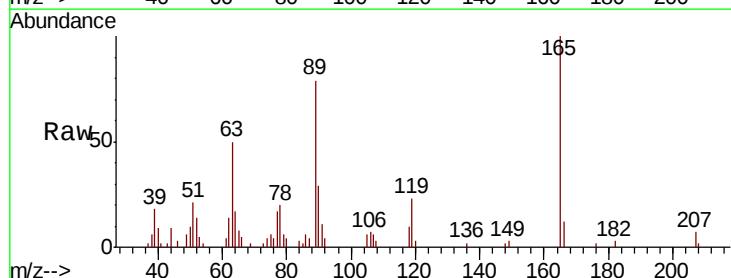
Tgt Ion:165 Resp: 21346

Ion Ratio Lower Upper

165 100

63 50.5 40.2 60.2

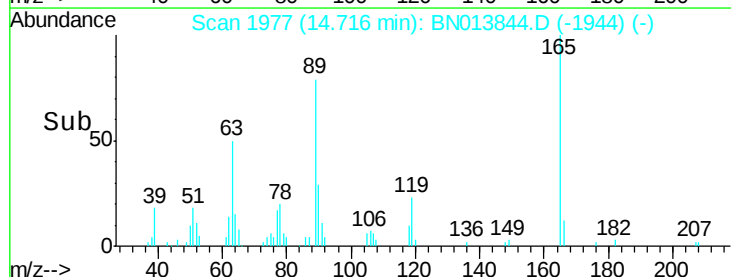
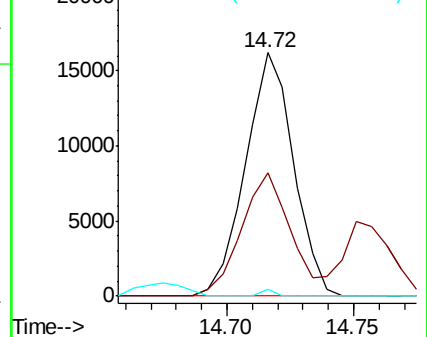
182 2.6 2.2 3.4

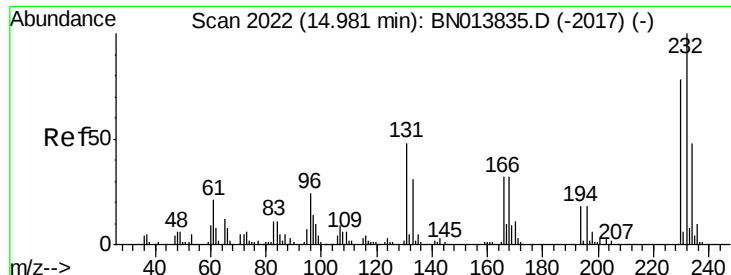


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BN0

Ion 182.00 (181.70 to 182.70): E

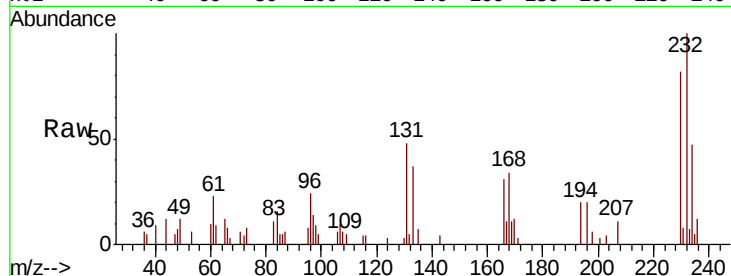




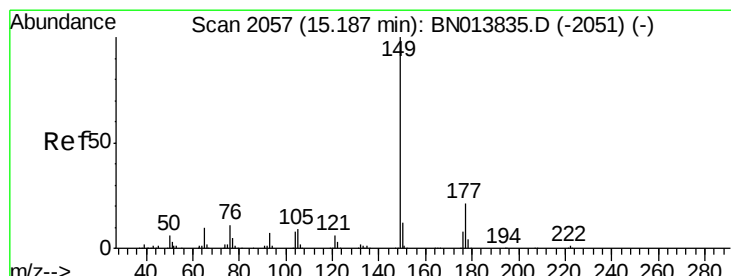
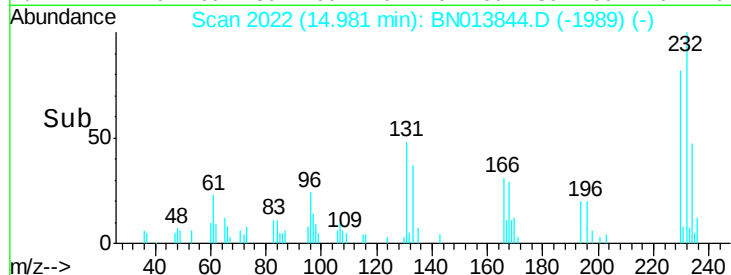
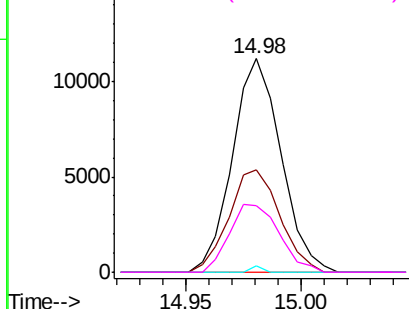
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 2.915 ng/ul
 RT: 14.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BN013844.D
 Acq: 04 Mar 2021 21:57

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03

Tot Ion:232 Resp: 16453
 Ion Ratio Lower Upper
 232 100
 131 48.1 37.4 56.2
 130 2.8 1.9 2.9
 166 30.9 24.7 37.1

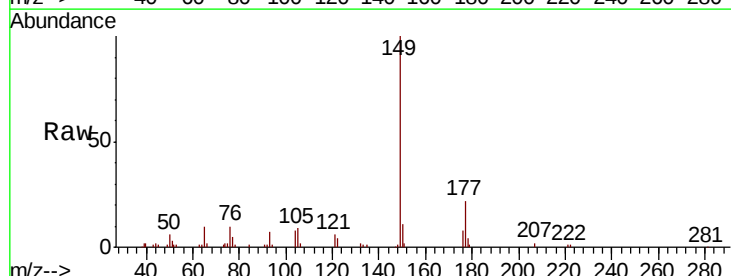


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

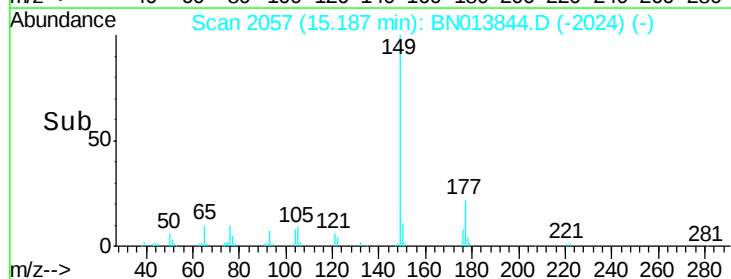
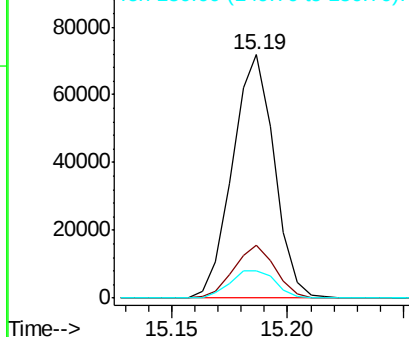


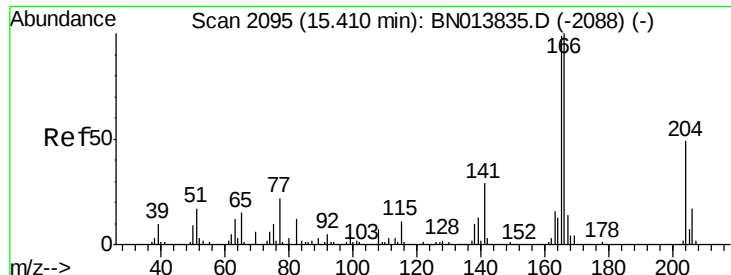
#57
 Diethylphthalate
 Concen: 3.405 ng/ul
 RT: 15.19 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BN013844.D
 Acq: 04 Mar 2021 21:57

Tgt Ion:149 Resp: 90689
 Ion Ratio Lower Upper
 149 100
 177 21.8 17.7 26.5
 150 11.5 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: 3.692 ng/ul

RT: 15.40 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

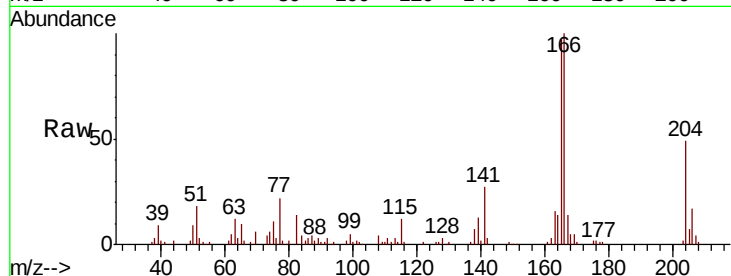
Tot Ion:166 Resp: 99782

Ion Ratio Lower Upper

166 100

165 96.8 79.5 119.3

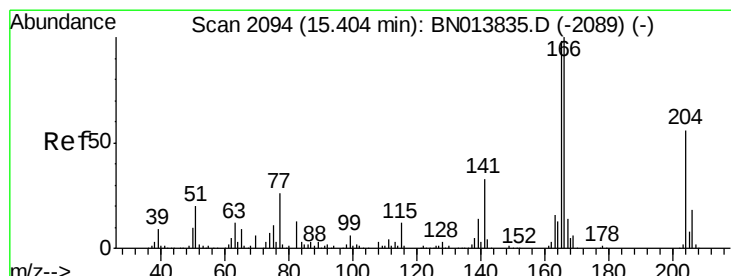
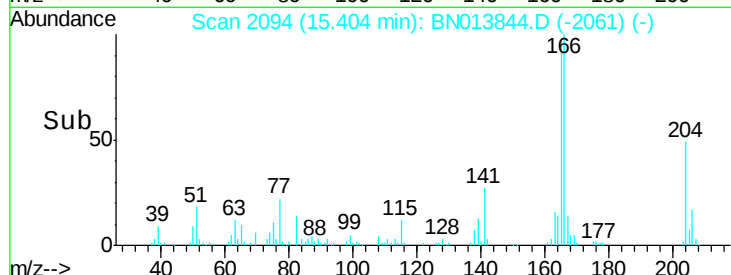
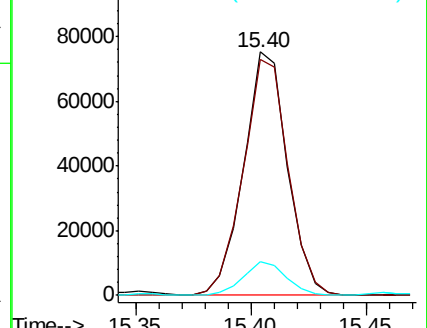
167 13.7 10.2 15.4



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: 3.759 ng/ul

RT: 15.40 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

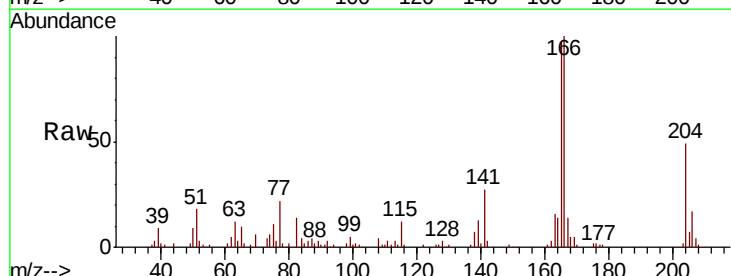
Tgt Ion:204 Resp: 48738

Ion Ratio Lower Upper

204 100

206 33.7 24.6 37.0

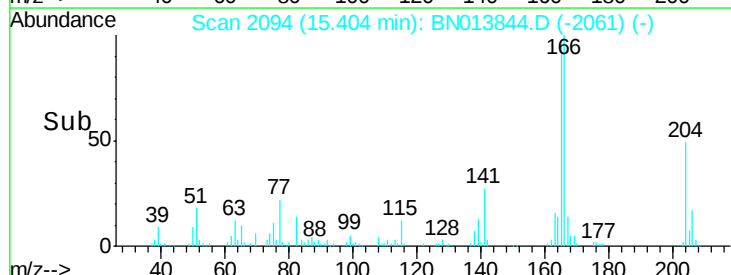
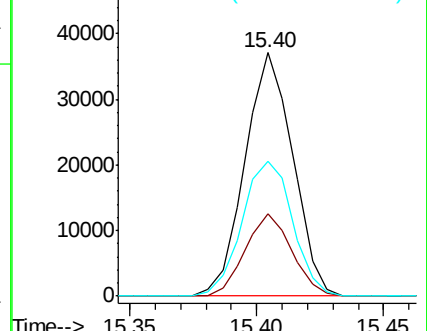
141 55.3 44.7 67.1

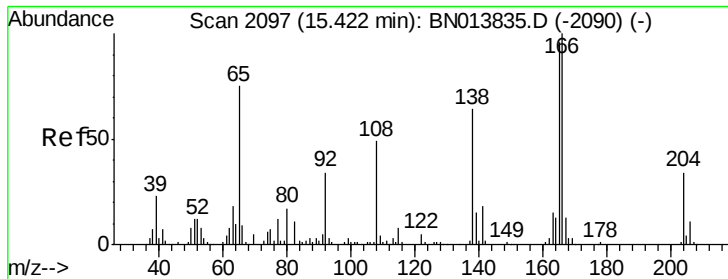


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

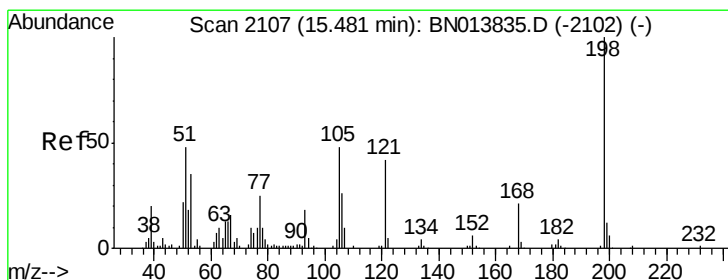
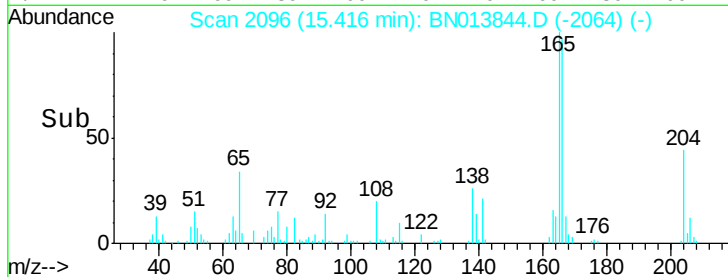
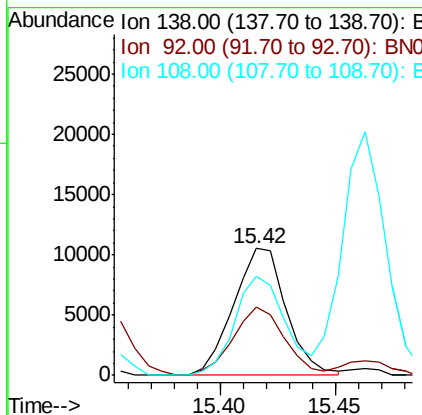
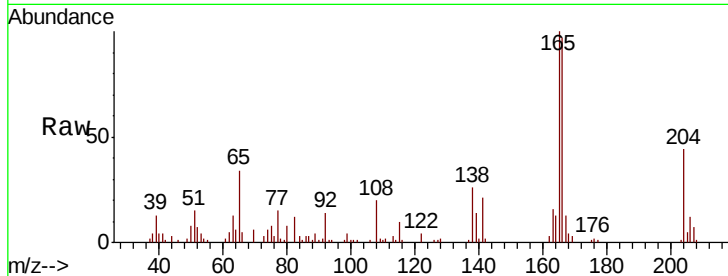




#61
4-Nitroaniline
Concen: 2.820 ng/ul
RT: 15.42 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BN013844.D
Acq: 04 Mar 2021 21:57

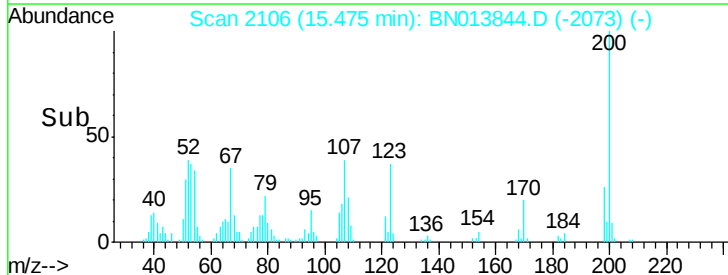
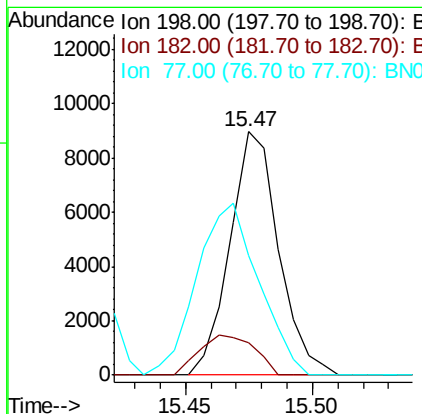
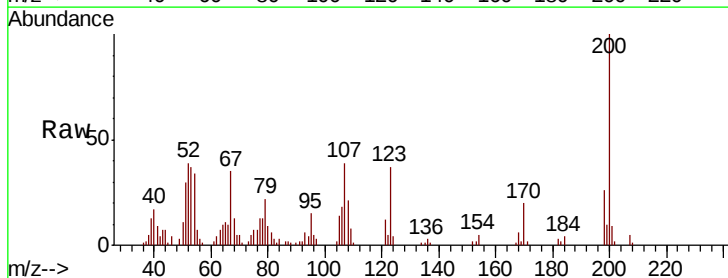
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03

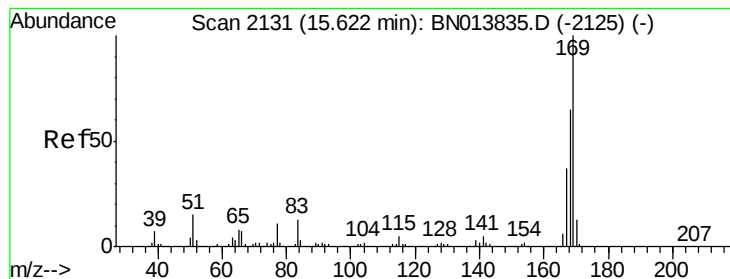
Tot Ion:138 Resp: 16778
Ion Ratio Lower Upper
138 100
92 53.4 38.6 57.8
108 77.9 59.8 89.8



#64
4,6-Dinitro-2-methylphenol
Concen: 3.082 ng/ul
RT: 15.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BN013844.D
Acq: 04 Mar 2021 21:57

Tgt Ion:198 Resp: 11984
Ion Ratio Lower Upper
198 100
182 13.2 3.5 5.3#
77 49.0 22.2 33.4#



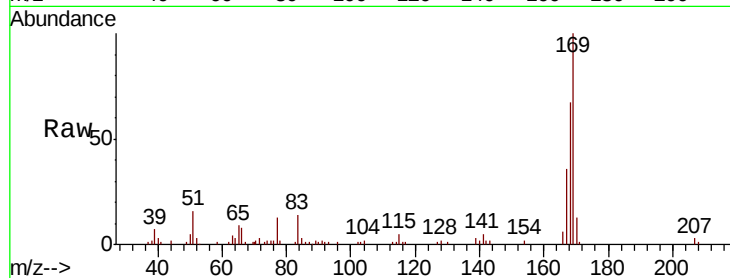


#65

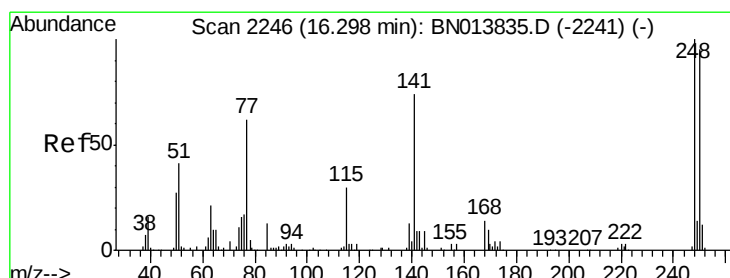
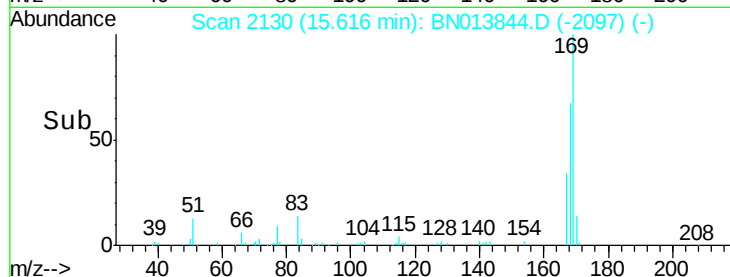
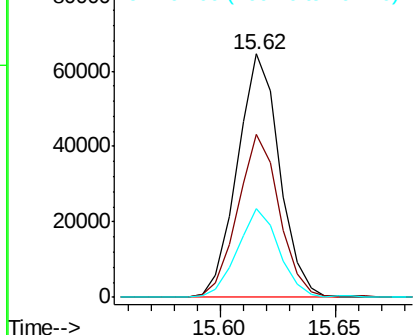
N-Nitrosodiphenylamine
 Concen: 3.593 ng/ul
 RT: 15.62 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BN013844.D
 Acq: 04 Mar 2021 21:57

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03

Tot Ion:169 Resp: 82166
 Ion Ratio Lower Upper
 169 100
 168 67.2 54.7 82.1
 167 36.3 29.0 43.6



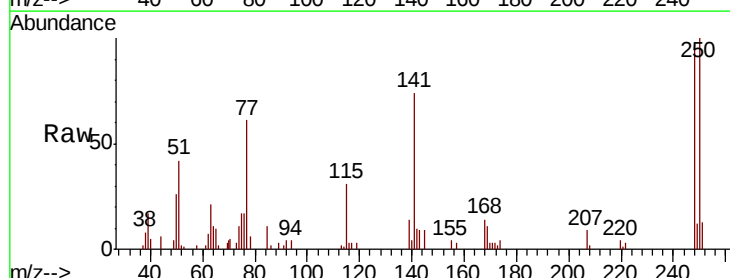
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



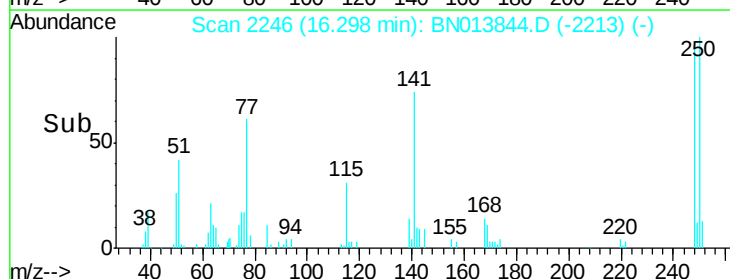
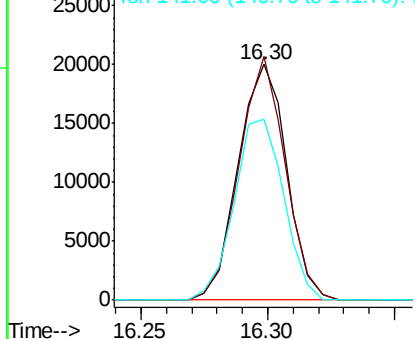
#66

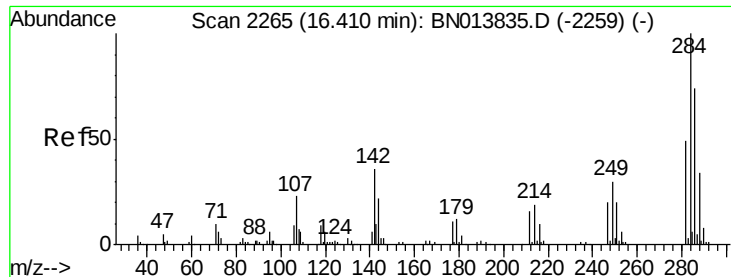
4-Bromophenyl-phenylether
 Concen: 3.506 ng/ul
 RT: 16.30 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BN013844.D
 Acq: 04 Mar 2021 21:57

Tgt Ion:248 Resp: 26673
 Ion Ratio Lower Upper
 248 100
 250 103.3 76.6 115.0
 141 76.7 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: 3.544 ng/ul

RT: 16.40 min Scan# 2264

Delta R.T. -0.01 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

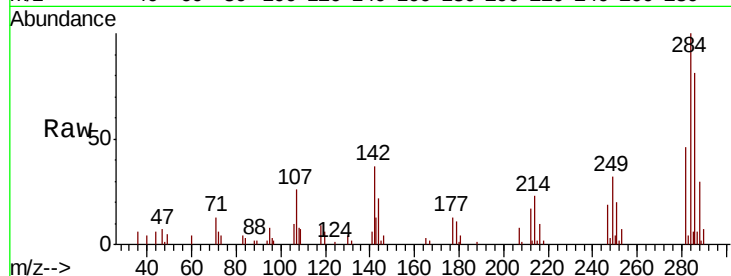
Tot Ion:284 Resp: 32201

Ion Ratio Lower Upper

284 100

142 36.7 29.2 43.8

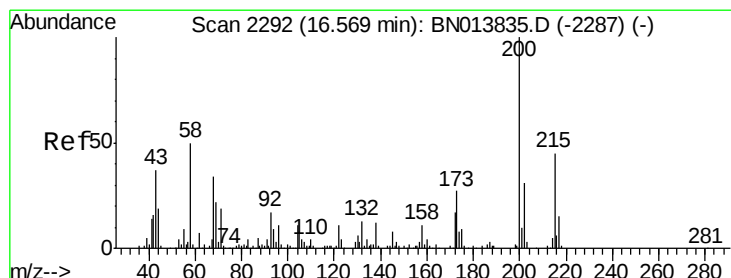
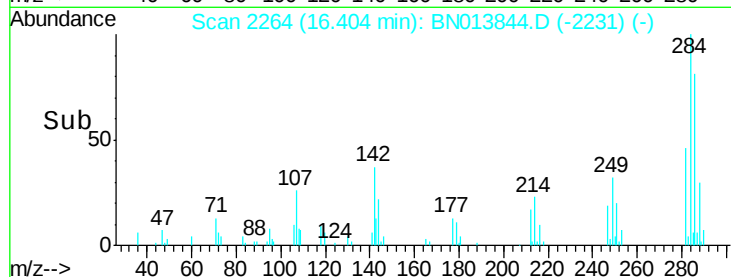
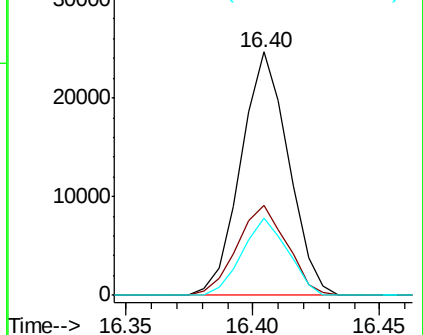
249 31.5 23.5 35.3



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: 2.654 ng/ul

RT: 16.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

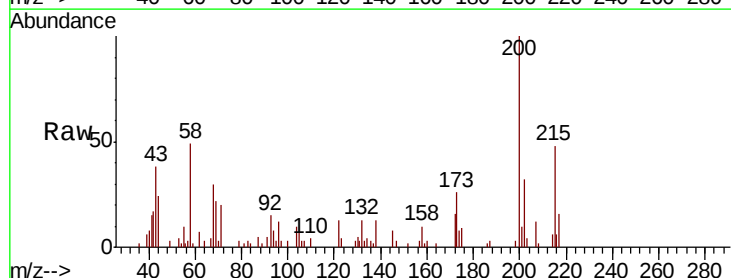
Tgt Ion:200 Resp: 20978

Ion Ratio Lower Upper

200 100

173 26.4 21.2 31.8

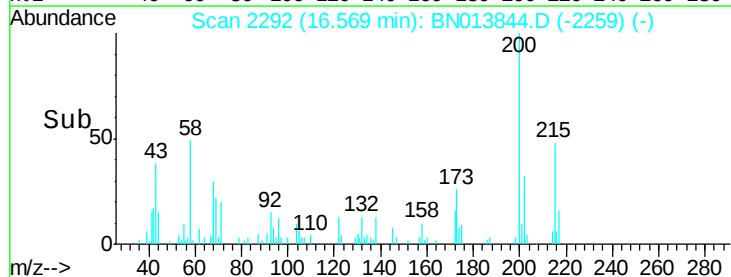
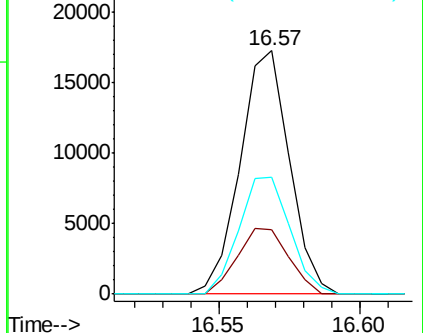
215 48.1 34.0 51.0

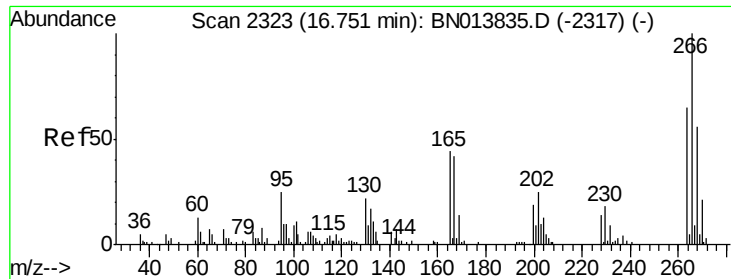


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

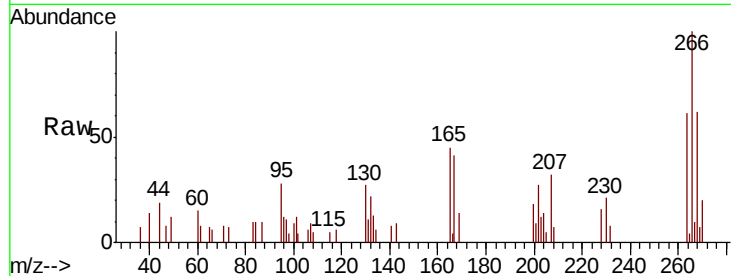




#69
 Pentachlorophenol
 Concen: 2.194 ng/ul
 RT: 16.75 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BN013844.D
 Acq: 04 Mar 2021 21:57

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
266	100		
264	61.0	50.2	75.4
268	61.7	49.6	74.4

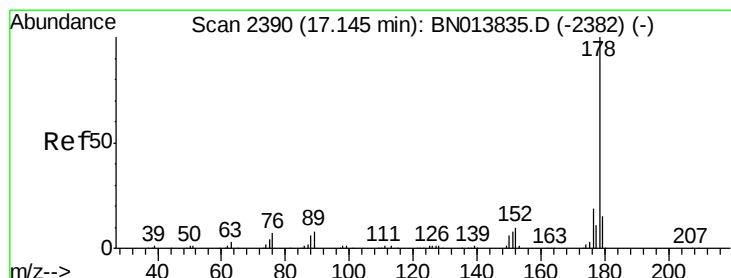
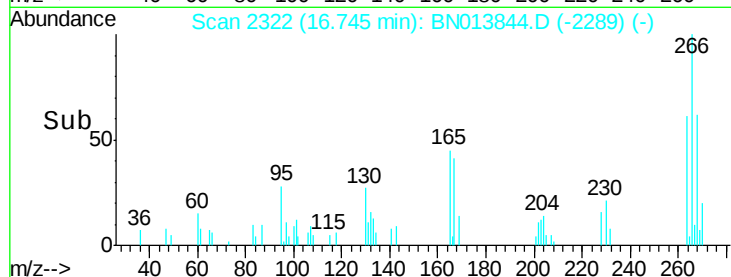
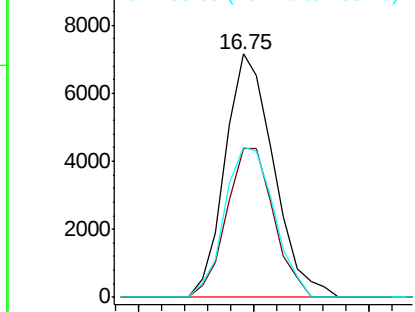


Abundance

Ion 265.70 (265.40 to 266.40): E

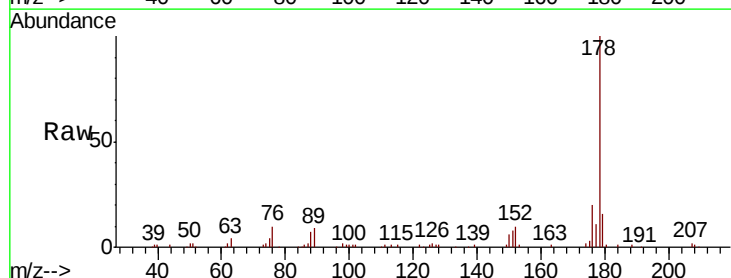
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#70
 Phenanthrene
 Concen: 3.635 ng/ul
 RT: 17.14 min Scan# 2389
 Delta R.T. -0.01 min
 Lab File: BN013844.D
 Acq: 04 Mar 2021 21:57

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.9	19.3
176	19.6	15.8	23.8

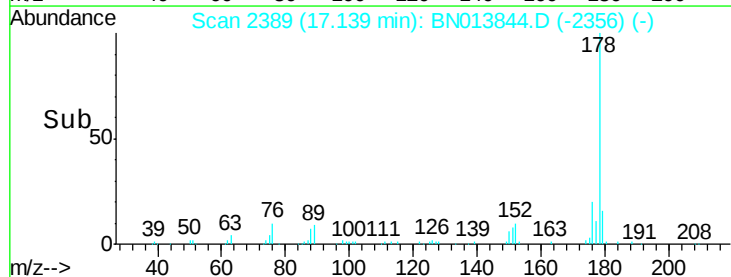
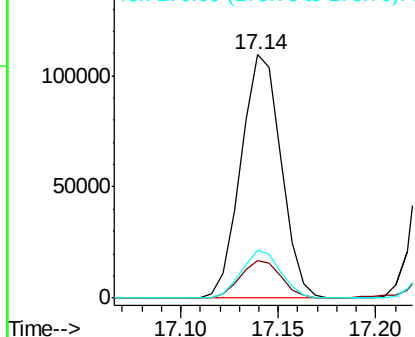


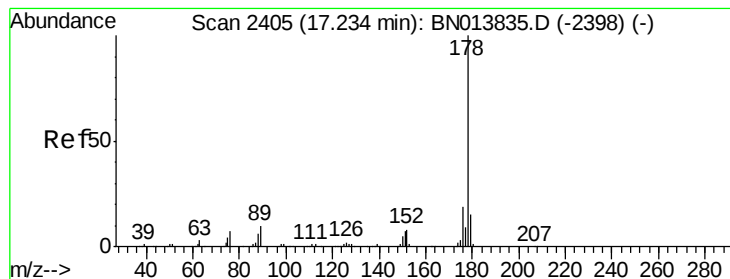
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 3.663 ng/uL

RT: 17.23 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

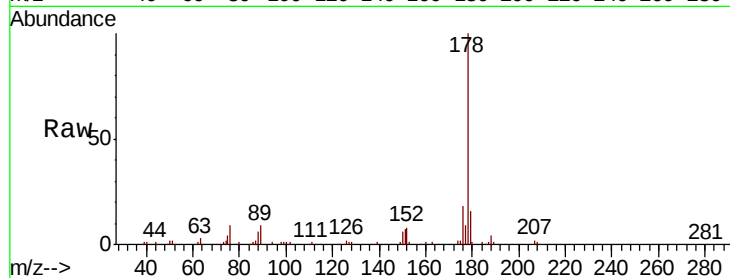
Tot Ion:178 Resp: 160230

Ion Ratio Lower Upper

178 100

179 16.1 11.9 17.9

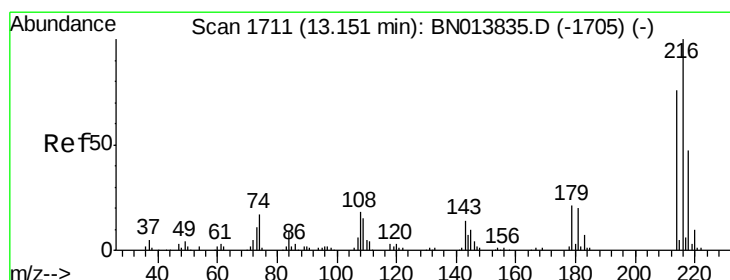
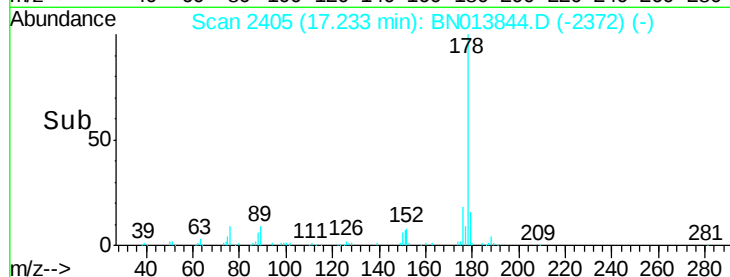
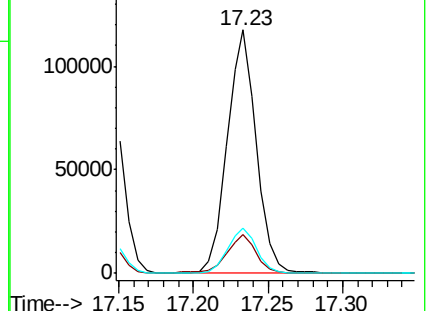
176 18.4 14.3 21.5



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: 3.598 ng/uL

RT: 13.15 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

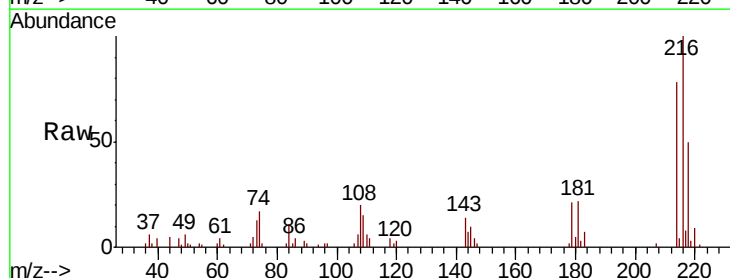
Tgt Ion:216 Resp: 41843

Ion Ratio Lower Upper

216 100

214 77.6 60.1 90.1

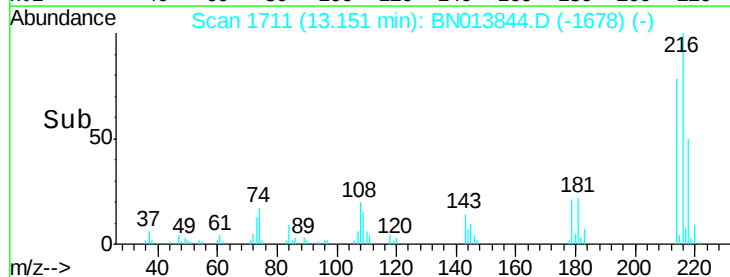
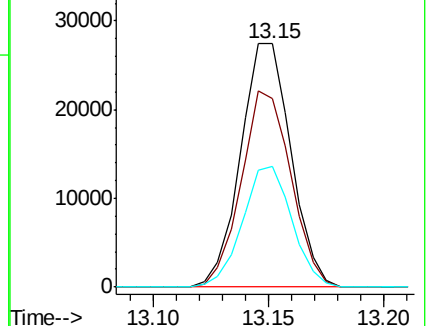
218 49.5 37.9 56.9

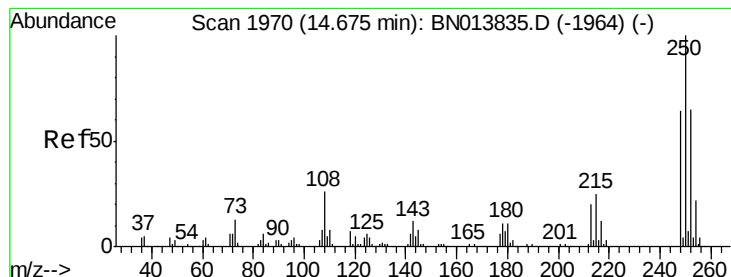


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 3.514 ng/uL

RT: 14.67 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

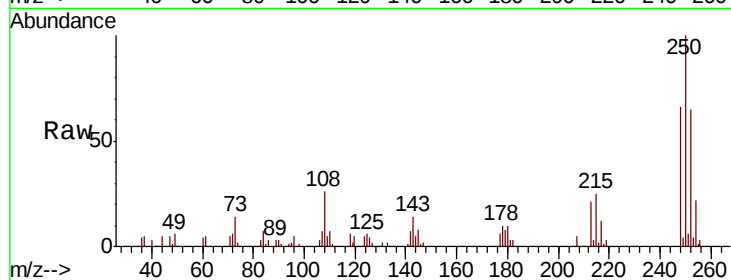
Tot Ion:250 Resp: 38495

Ion Ratio Lower Upper

250 100

248 66.4 48.3 72.5

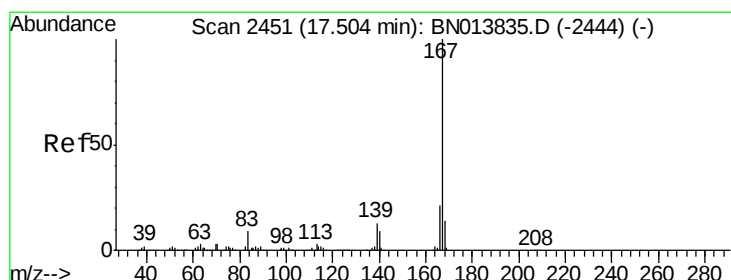
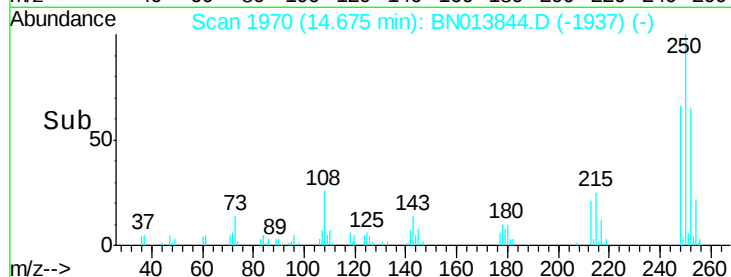
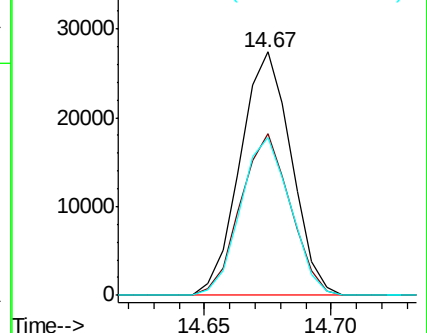
252 65.1 50.0 75.0



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: 3.286 ng/uL

RT: 17.50 min Scan# 2450

Delta R.T. -0.01 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

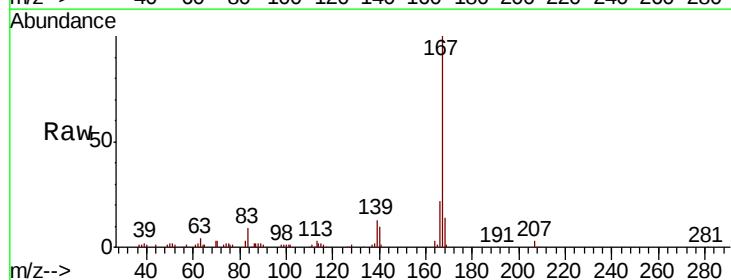
Tgt Ion:167 Resp: 128246

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.6

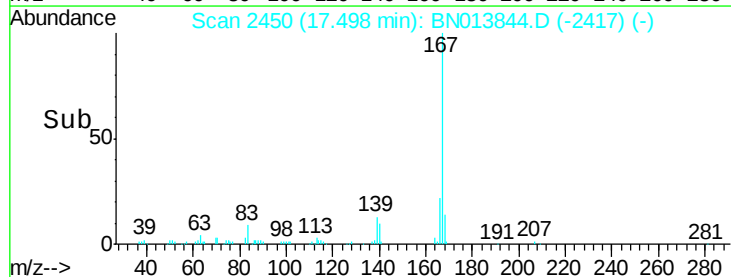
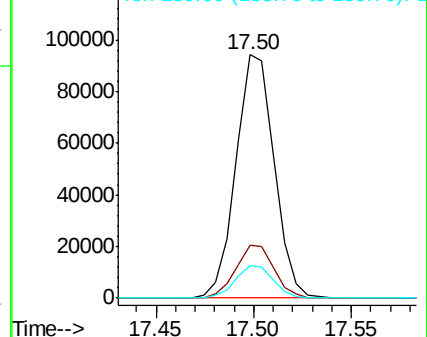
139 13.4 10.3 15.5

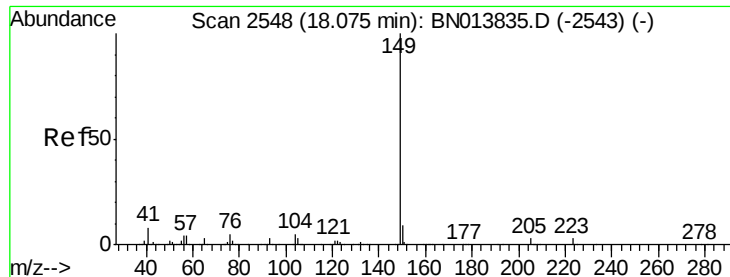


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#76

Di-n-butylphthalate

Concen: 2.831 ng/ul

RT: 18.07 min Scan# 2548

Delta R.T. -0.01 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

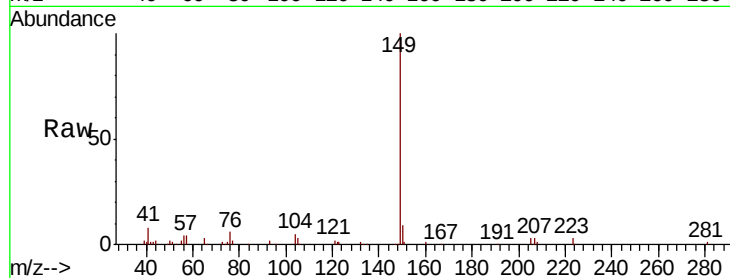
Tot Ion:149 Resp: 123618

Ion Ratio Lower Upper

149 100

150 9.2 7.0 10.6

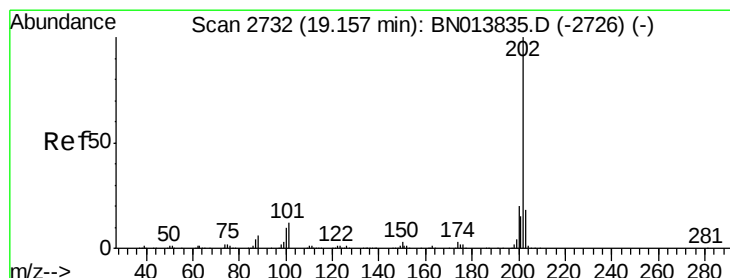
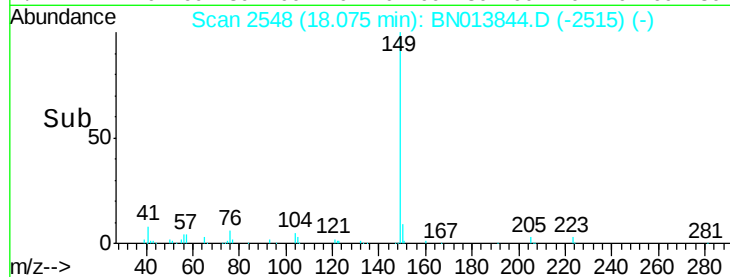
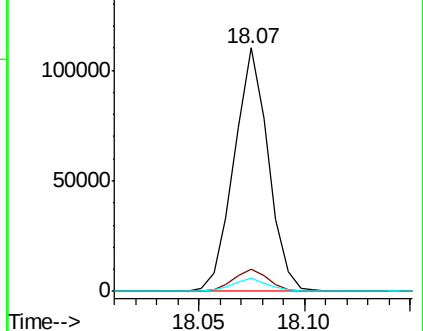
104 5.5 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#77

Fluoranthene

Concen: 3.493 ng/ul

RT: 19.16 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

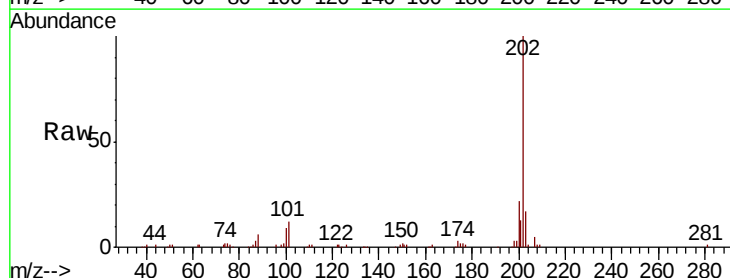
Tgt Ion:202 Resp: 166196

Ion Ratio Lower Upper

202 100

101 11.9 8.6 12.8

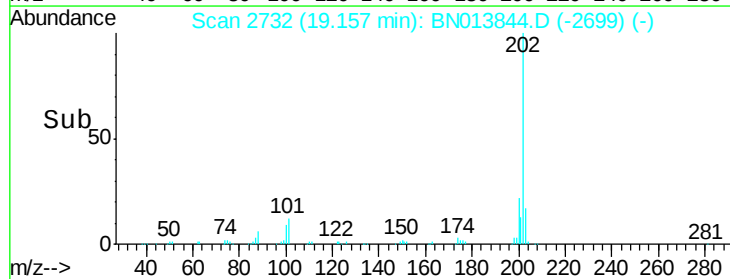
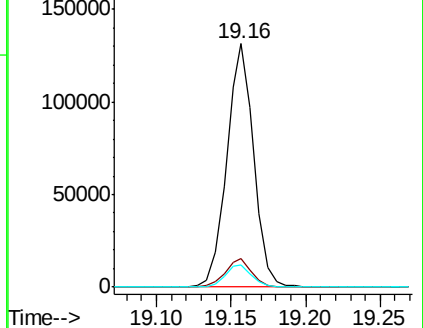
100 8.9 6.6 9.8

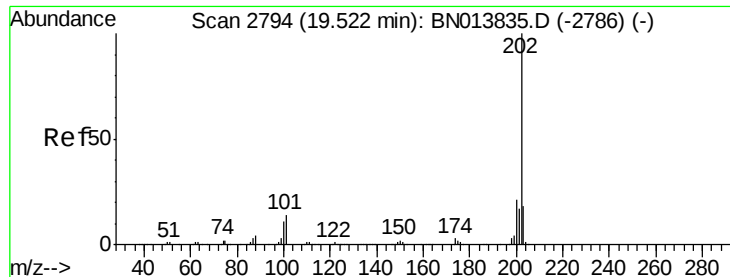


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

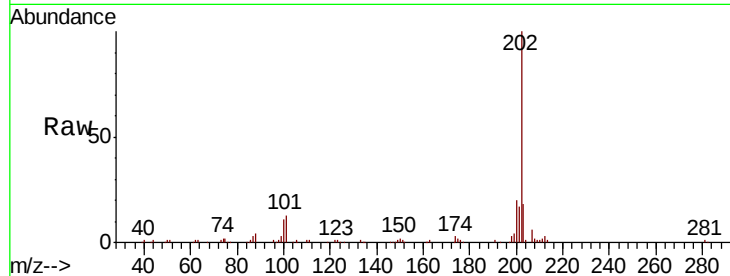




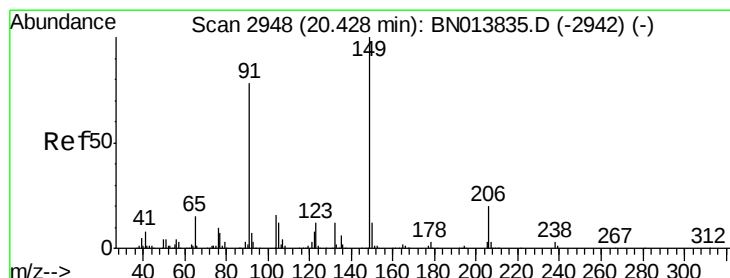
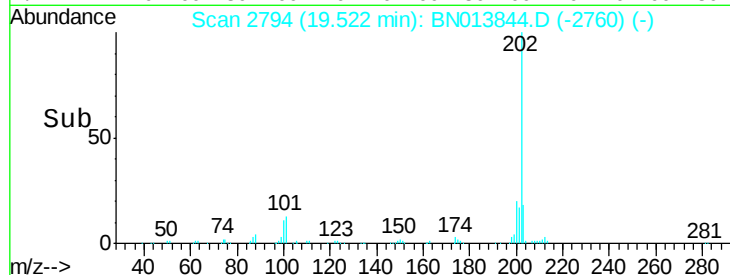
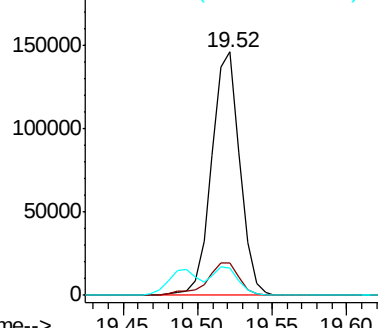
#80
Pvrene
Concen: 3.701 ng/ul
RT: 19.52 min Scan# 2794
Delta R.T. 0.00 min
Lab File: BN013844.D
Acq: 04 Mar 2021 21:57

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03

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

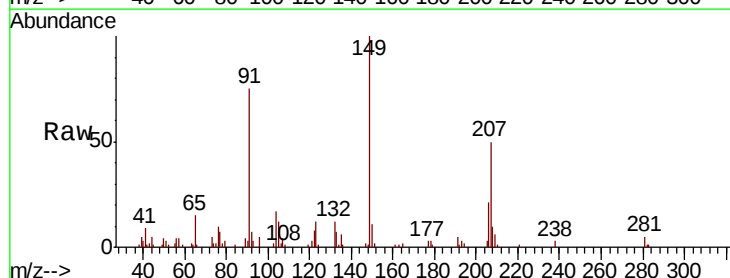


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

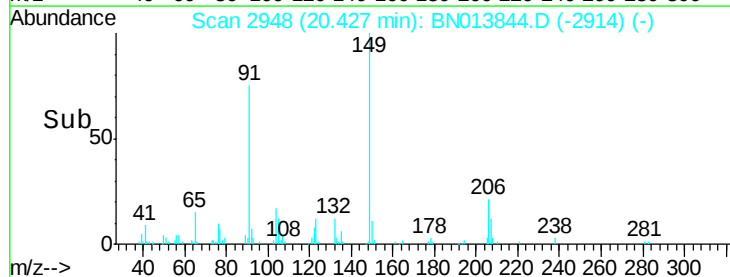
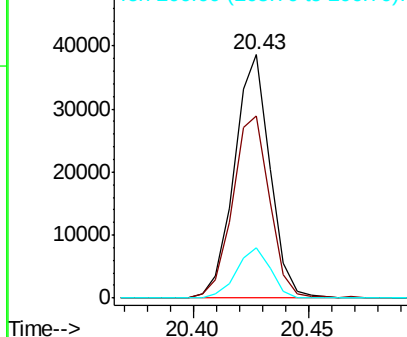


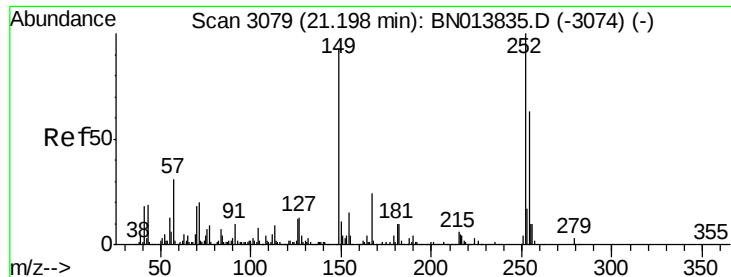
#81
Butylbenzylphthalate
Concen: 2.345 ng/ul
RT: 20.43 min Scan# 2948
Delta R.T. 0.00 min
Lab File: BN013844.D
Acq: 04 Mar 2021 21:57

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.7	61.4	92.0
206	20.9	14.0	21.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): B
Ion 206.00 (205.70 to 206.70): E





#82

3,3'-Dichlorobenzidine

Concen: 2.773 ng/ul

RT: 21.20 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

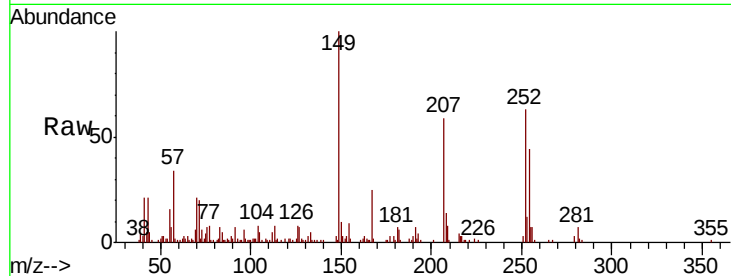
Tot Ion:252 Resp: 41719

Ion Ratio Lower Upper

252 100

254 70.2 49.2 73.8

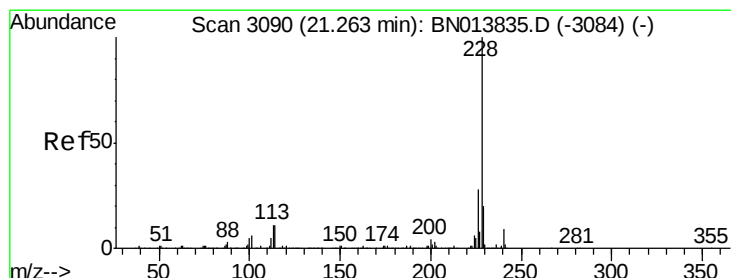
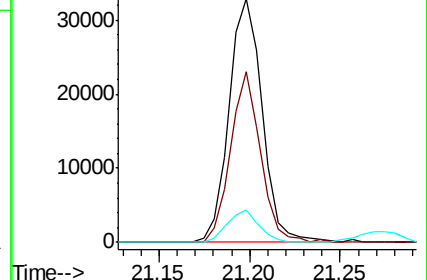
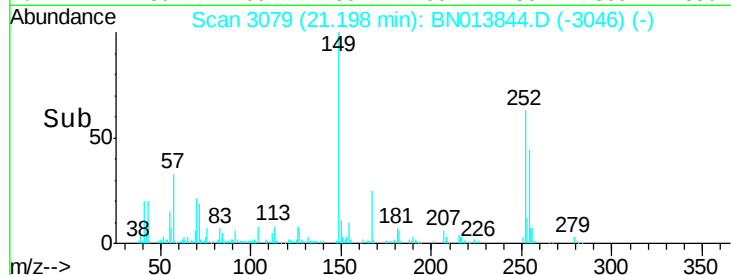
126 13.4 9.0 13.4#



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: 3.530 ng/ul

RT: 21.26 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

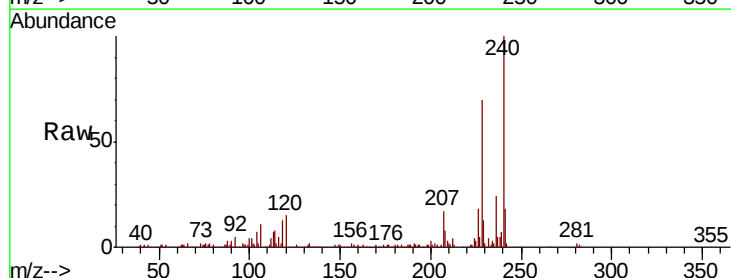
Tgt Ion:228 Resp: 174185

Ion Ratio Lower Upper

228 100

229 18.2 15.8 23.6

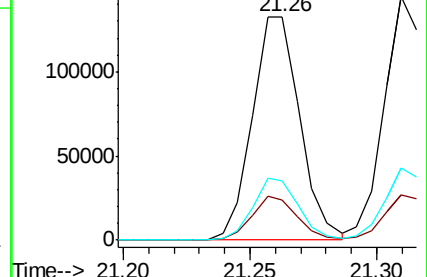
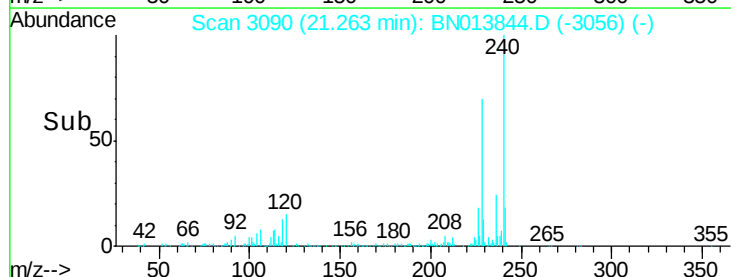
226 26.3 21.4 32.0

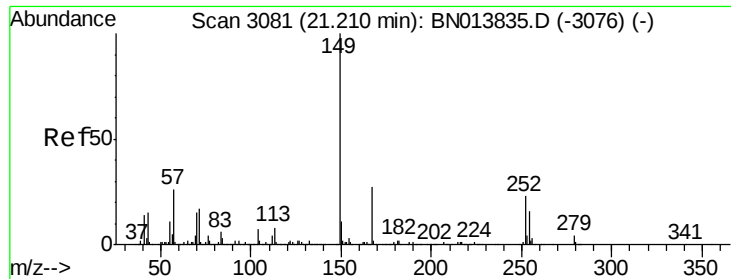


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

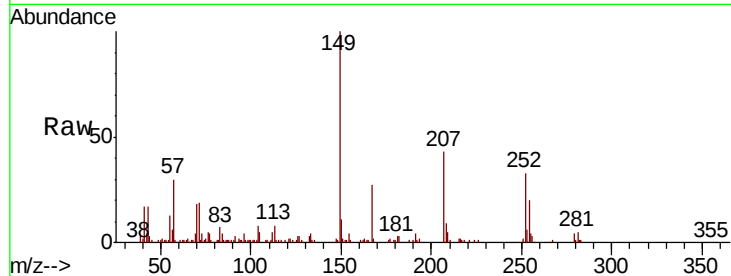




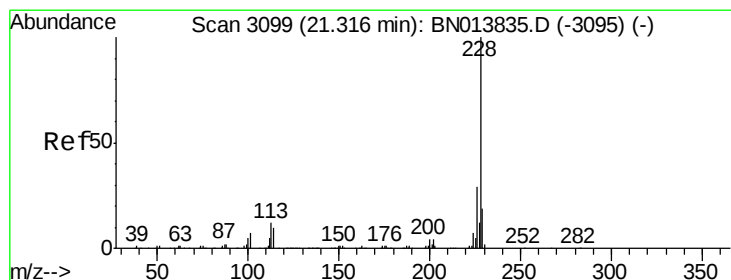
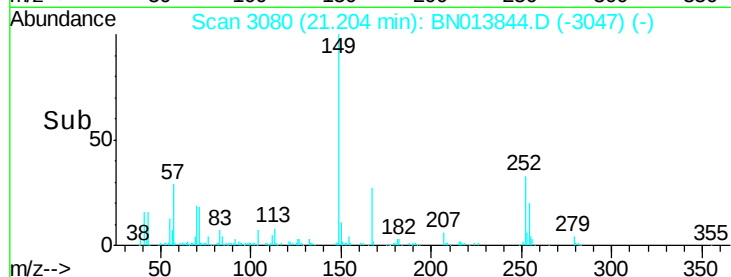
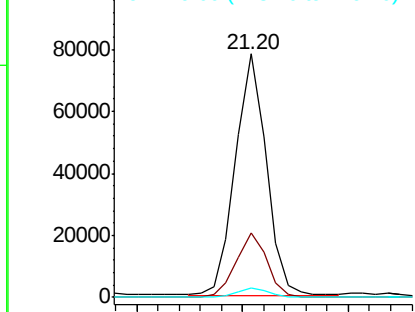
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.689 ng/ul
RT: 21.20 min Scan# 3080
Delta R.T. -0.01 min
Lab File: BN013844.D
Acq: 04 Mar 2021 21:57

Instrument :
BNA_N
ClientSampled :
MDL-SOIL-03

Tot Ion:149 Resp: 79975
Ion Ratio Lower Upper
149 100
167 26.6 21.7 32.5
279 3.6 3.4 5.0

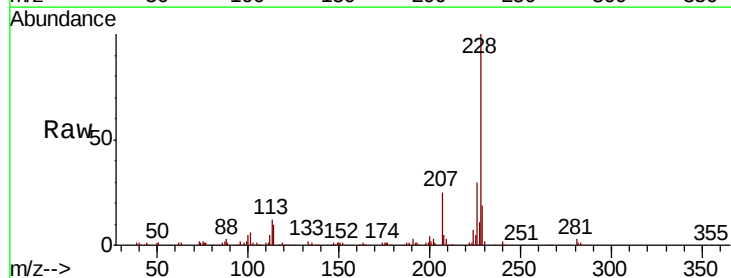


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

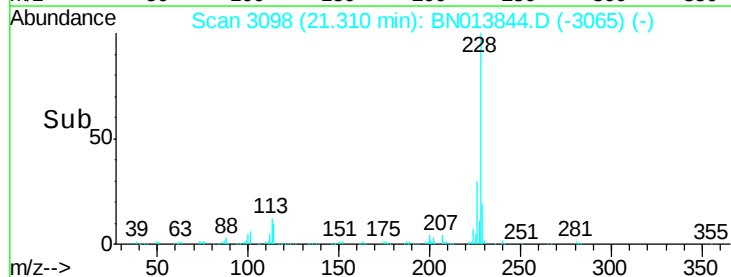
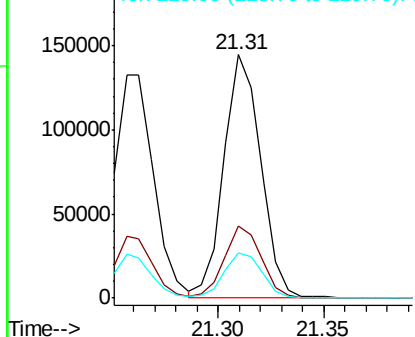


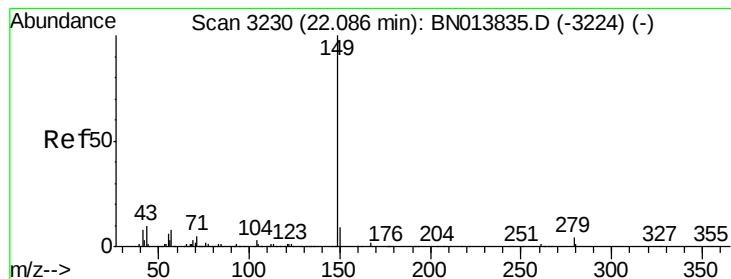
#85
Chrysene
Concen: 3.656 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BN013844.D
Acq: 04 Mar 2021 21:57

Tgt Ion:228 Resp: 175615
Ion Ratio Lower Upper
228 100
226 29.5 23.6 35.4
229 18.6 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: 2.137 ng/ul

RT: 22.08 min Scan# 3229

Delta R.T. -0.01 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

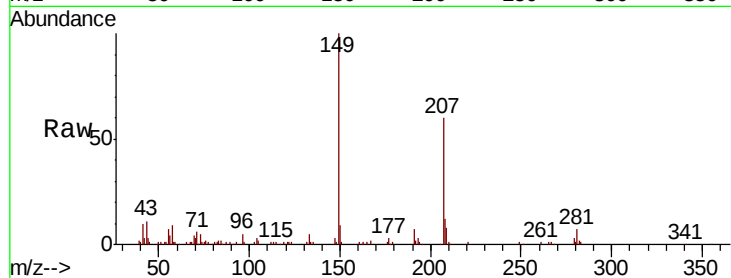
Instrument :

BNA_N

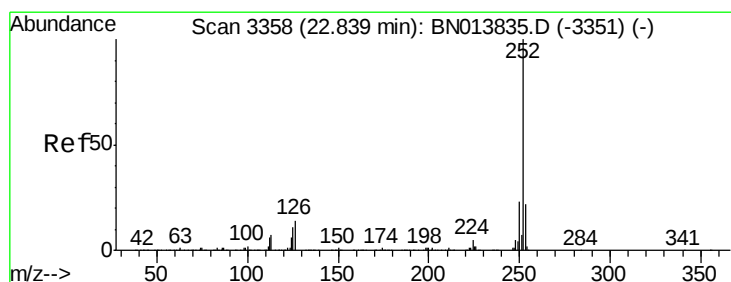
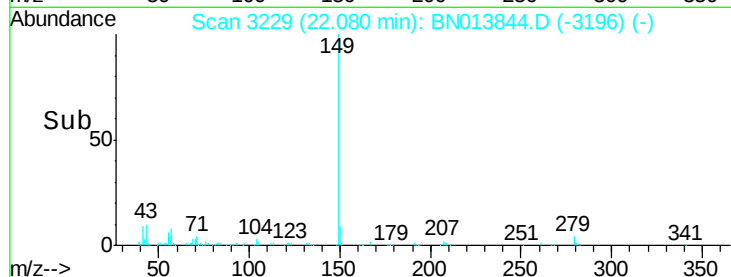
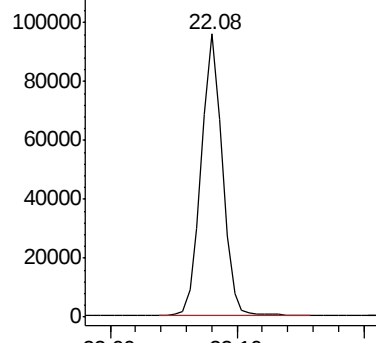
ClientSampleId :

MDL-SOIL-03

Tgt Ion:149 Resp: 109185



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.401 ng/ul

RT: 22.83 min Scan# 3357

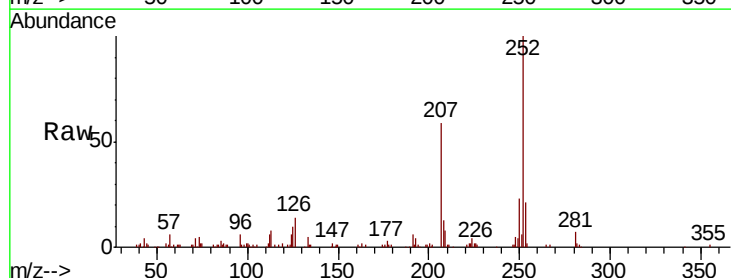
Delta R.T. -0.01 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

Tgt Ion:252 Resp: 168991

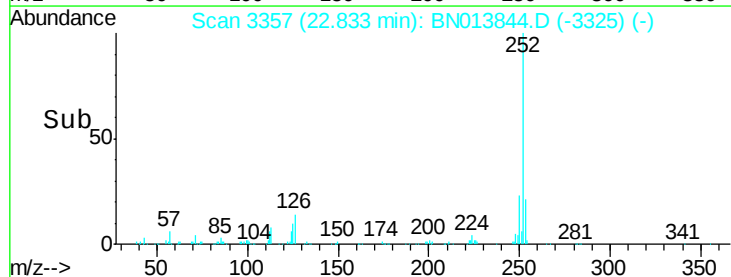
Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.6	27.8
125	10.3	9.3	13.9



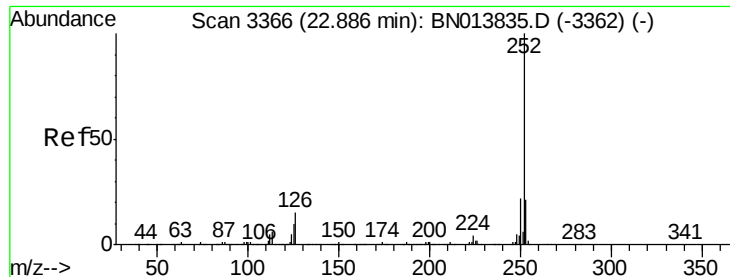
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#89

Benzo(k)fluoranthene

Concen: 3.514 ng/ul

RT: 22.88 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

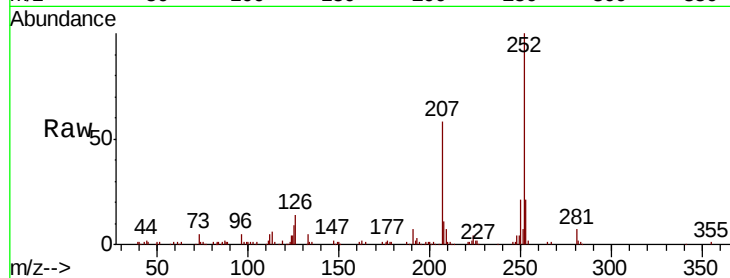
Tot Ion:252 Resp: 175178

Ion Ratio Lower Upper

252 100

253 21.5 18.1 27.1

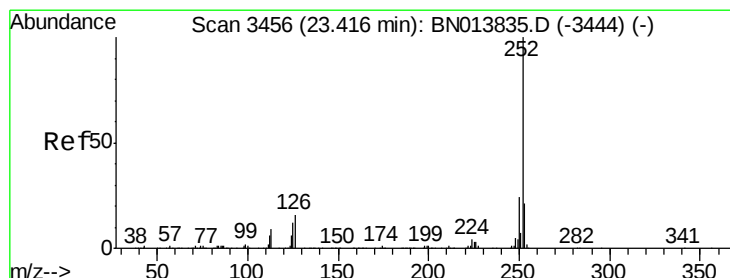
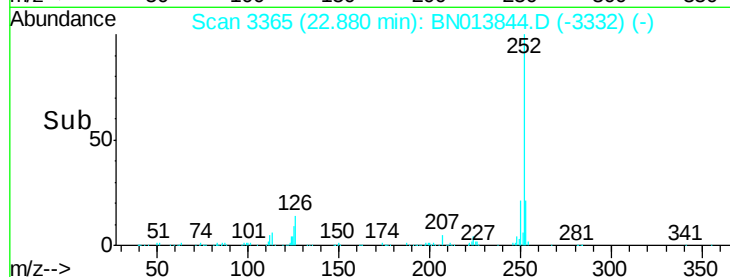
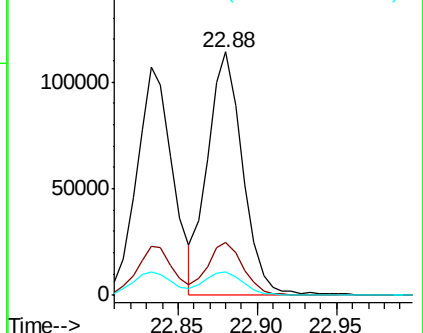
125 9.5 9.2 13.8



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: 3.557 ng/ul

RT: 23.41 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

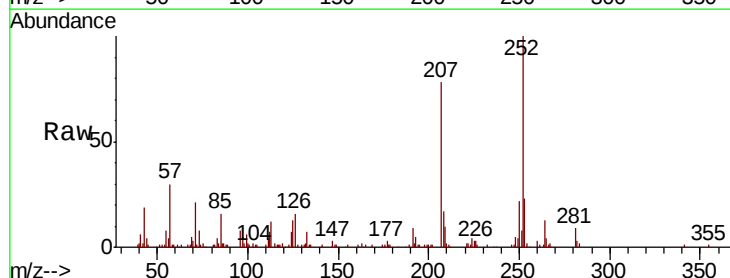
Tgt Ion:252 Resp: 160213

Ion Ratio Lower Upper

252 100

253 23.3 16.9 25.3

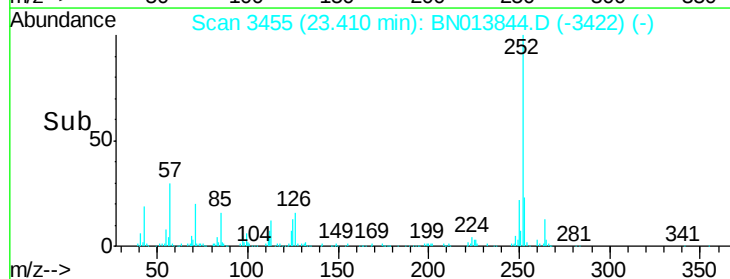
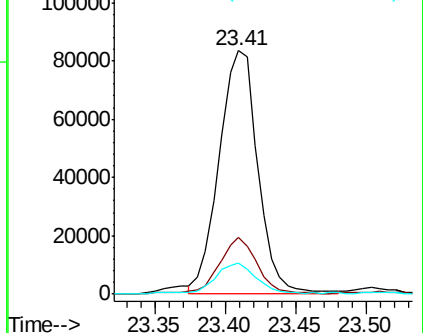
125 12.7 9.0 13.6

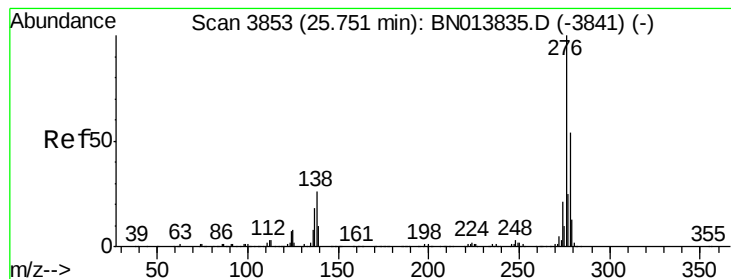


Abundance Ion 252.00 (251.70 to 252.70): E

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: 3.433 ng/ul

RT: 25.74 min Scan# 3852

Delta R.T. -0.01 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

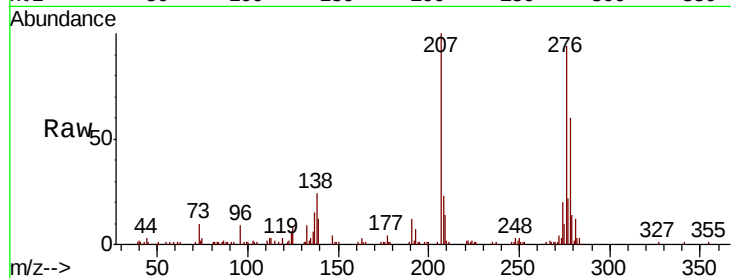
Tot Ion:276 Resp: 193200

Ion Ratio Lower Upper

276 100

138 25.7 20.3 30.5

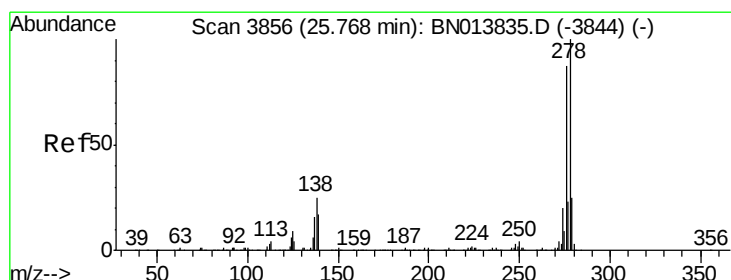
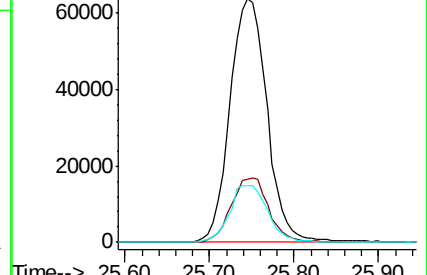
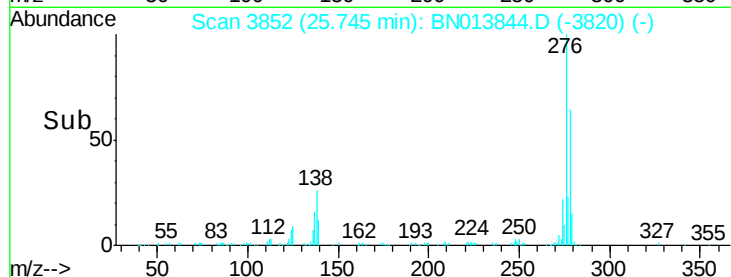
277 23.4 18.3 27.5



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: 3.282 ng/ul

RT: 25.76 min Scan# 3855

Delta R.T. -0.01 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

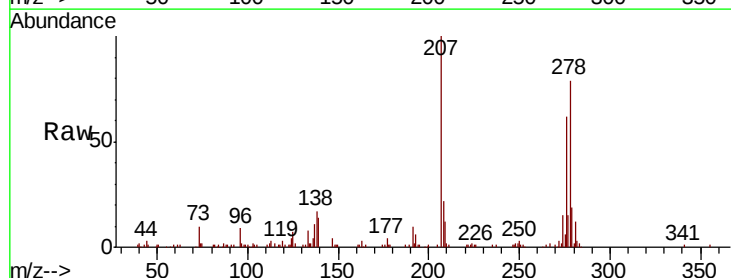
Tgt Ion:278 Resp: 157482

Ion Ratio Lower Upper

278 100

139 17.3 14.2 21.2

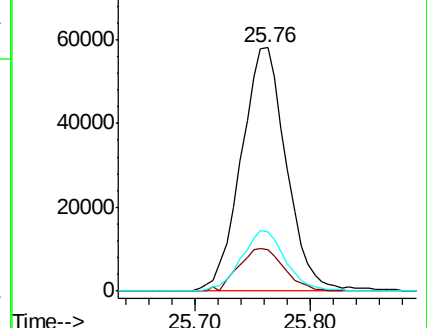
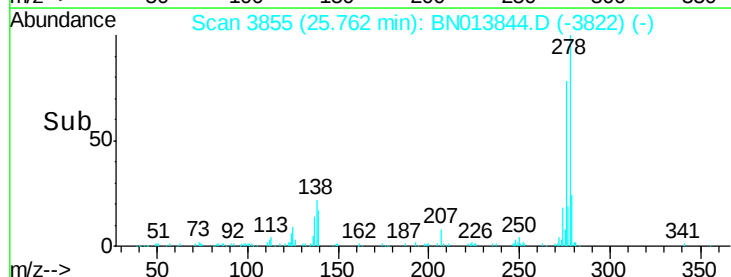
279 24.2 18.5 27.7

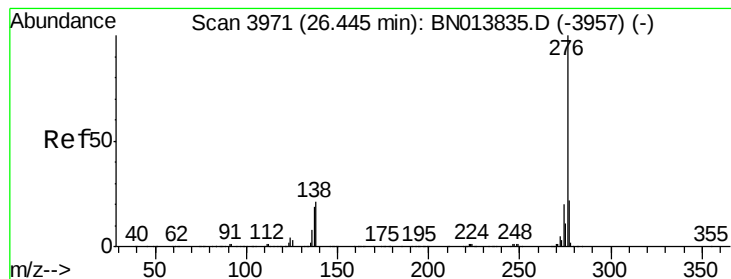


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 3.301 ng/ul

RT: 26.43 min Scan# 3968

Delta R.T. -0.02 min

Lab File: BN013844.D

Acq: 04 Mar 2021 21:57

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

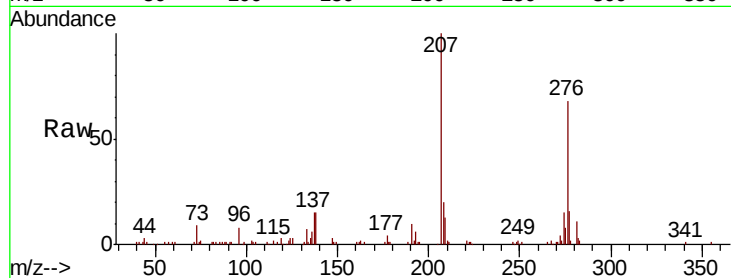
Tot Ion:276 Resp: 156019

Ion Ratio Lower Upper

276 100

138 22.3 17.5 26.3

277 23.6 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

