

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031821\
 Data File : BN013977.D
 Acq On : 18 Mar 2021 11:45
 Operator : CG/JU
 Sample : M1344-04
 Misc : SFAM-MDL-S-02
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT2-2021-04

Quant Time: Mar 18 12:15:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN031721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 18 10:04:56 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	145182	20.00	ng/ul	0.00
20) Naphthalene-d8	10.49	136	581579	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.35	164	342589	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.09	188	708443	20.00	ng/ul	0.00
79) Chrysene-d12	21.27	240	713811	20.00	ng/ul	0.00
88) Perylene-d12	23.50	264	739664	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	18560	5.03	ng/uL	0.00
4) Pyridine-d5	3.61	84	280254	27.73	ng/ul	0.00
7) Phenol-d5	6.87	99	408472	33.21	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.04	67	271603	35.26	ng/ul	0.00
11) 2-Chlorophenol-d4	7.24	132	337458	36.36	ng/ul	0.00
15) 4-Methylphenol-d8	8.40	113	309996	32.84	ng/ul	0.00
21) Nitrobenzene-d5	8.86	128	147902	36.48	ng/ul	0.00
24) 2-Nitrophenol-d4	9.58	143	148336	38.64	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.10	165	289617	34.98	ng/ul	0.00
31) 4-Chloroaniline-d4	10.62	131	425068	33.50	ng/ul	0.00
46) Dimethylphthalate-d6	13.76	166	862057	36.28	ng/ul	0.00
49) Acenaphthylene-d8	14.03	160	1128932	38.96	ng/ul	0.00
54) 4-Nitrophenol-d4	14.53	143	142595	30.94	ng/ul	0.00
60) Fluorene-d10	15.34	176	773060	36.56	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.46	200	100584	28.40	ng/ul	0.00
73) Anthracene-d10	17.19	188	1179923	36.15	ng/ul	0.00
81) Pyrene-d10	19.48	212	1273773	35.33	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.36	264	1432341	38.45	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.25	88	4598	1.214	ng/uL 87
5) Pyridine	3.63	79	47971	4.611	ng/ul# 64
6) Benzaldehyde	6.85	77	32418	5.318	ng/ul 99
8) Phenol	6.90	94	60567	4.528	ng/ul 98
10) Bis(2-Chloroethyl)ether	7.13	93	47332	4.511	ng/ul 99
12) 2-Chlorophenol	7.27	128	47423	4.708	ng/ul 98
13) 2-Methylphenol	8.14	108	38380	3.972	ng/ul 99
14) 2,2'-oxybis(1-Chloropropan	8.23	45	70972	4.502	ng/ul 100
16) Acetophenone	8.52	105	68014	4.341	ng/ul 93
17) N-Nitroso-di-n-propylamine	8.51	70	31014	4.274	ng/ul 98
18) 4-Methylphenol	8.47	108	46460	4.394	ng/ul 97
19) Hexachloroethane	8.78	117	18944	4.546	ng/ul 99
22) Nitrobenzene	8.90	77	53055	4.859	ng/ul 99
23) Isophorone	9.42	82	78054	4.225	ng/ul 99
25) 2-Nitrophenol	9.60	139	22427	4.983	ng/ul 98
26) 2,4-Dimethylphenol	9.66	107	47855	4.517	ng/ul 98
27) Bis(2-Chloroethoxy)methane	9.90	93	58361	4.558	ng/ul 97
29) 2,4-Dichlorophenol	10.13	162	42170	4.861	ng/ul 93
30) Naphthalene	10.54	128	152590	4.778	ng/ul 100
32) 4-Chloroaniline	10.65	127	61076	4.648	ng/ul 99
33) Hexachlorobutadiene	10.83	225	26998	4.899	ng/ul 98
34) Caprolactam	11.41	113	7397	2.843	ng/ul 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.77	107	36290	4.128	ng/ul	98
36) 2-Methylnaphthalene	12.15	142	101855	4.692	ng/ul	100
37) 1-Methylnaphthalene	12.37	142	99715	4.632	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	51038	4.728	ng/ul	99
40) Hexachlorocyclopentadiene	12.50	237	24932	3.823	ng/ul	96
41) 2,4,6-Trichlorophenol	12.76	196	23702	3.934	ng/ul	97
42) 2,4,5-Trichlorophenol	12.83	196	27075	4.016	ng/ul	97
43) 1,1'-Biphenyl	13.17	154	130862	4.767	ng/ul	98
44) 2-Chloronaphthalene	13.22	162	102257	4.782	ng/ul	97
45) 2-Nitroaniline	13.42	65	18824	3.629	ng/ul	95
47) Dimethylphthalate	13.80	163	120284	4.828	ng/ul	99
48) 2,6-Dinitrotoluene	13.92	165	16187	3.664	ng/ul#	85
50) Acenaphthylene	14.06	152	149855	4.814	ng/ul	100
51) 3-Nitroaniline	14.25	138	17853	3.385	ng/ul	99
52) Acenaphthene	14.41	153	108718	4.797	ng/ul	96
53) 2,4-Dinitrophenol	14.45	184	6373	2.606	ng/ul	88
55) 4-Nitrophenol	14.55	109	16705	4.453	ng/ul	95
56) Dibenzofuran	14.75	168	151737	4.843	ng/ul	100
57) 2,4-Dinitrotoluene	14.70	165	27115	4.277	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	14.97	232	20716	3.968	ng/ul#	93
59) Diethylphthalate	15.17	149	107646	4.425	ng/ul	99
61) Fluorene	15.39	166	124808	4.934	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.39	204	59829	4.901	ng/ul	96
63) 4-Nitroaniline	15.41	138	19199	3.676	ng/ul	94
66) 4,6-Dinitro-2-methylphenol	15.47	198	15237	4.076	ng/ul#	96
67) N-Nitrosodiphenylamine	15.60	169	98240	4.557	ng/ul	98
68) 4-Bromophenyl-phenylether	16.29	248	32070	4.430	ng/ul	98
69) Hexachlorobenzene	16.39	284	37888	4.516	ng/ul	96
70) Atrazine	16.56	200	26684	3.656	ng/ul	96
71) Pentachlorophenol	16.74	266	13032	2.894	ng/ul	92
72) Phenanthrene	17.13	178	192925	4.779	ng/ul	98
74) Anthracene	17.22	178	196215	4.756	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.13	216	49935	4.524	ng/uL	99
76) Pentachlorobenzene	14.66	250	45903	4.167	ng/uL	97
77) Carbazole	17.49	167	159380	4.349	ng/ul	99
78) Di-n-butylphthalate	18.06	149	145029	3.834	ng/ul	100
80) Fluoranthene	19.15	202	202618	4.504	ng/ul	99
82) Pyrene	19.51	202	229451	4.755	ng/ul	98
83) Butylbenzylphthalate	20.42	149	52636	3.432	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.19	252	39138	3.115	ng/ul	98
85) Benzo(a)anthracene	21.26	228	211222	4.608	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.19	149	81598	3.442	ng/ul	100
87) Chrysene	21.30	228	219254	4.873	ng/ul	96
89) Di-n-octyl phthalate	22.07	149	135966	2.921	ng/ul	100
90) Benzo(b)fluoranthene	22.83	252	222619	4.736	ng/ul	98
91) Benzo(k)fluoranthene	22.87	252	211965	4.491	ng/ul	99
93) Benzo(a)pyrene	23.40	252	207034	4.891	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	25.73	276	248284	4.656	ng/ul	97
95) Dibenzo(a,h)anthracene	25.74	278	206897	4.604	ng/ul	95
96) Benzo(g,h,i)perylene	26.42	276	203637	4.615	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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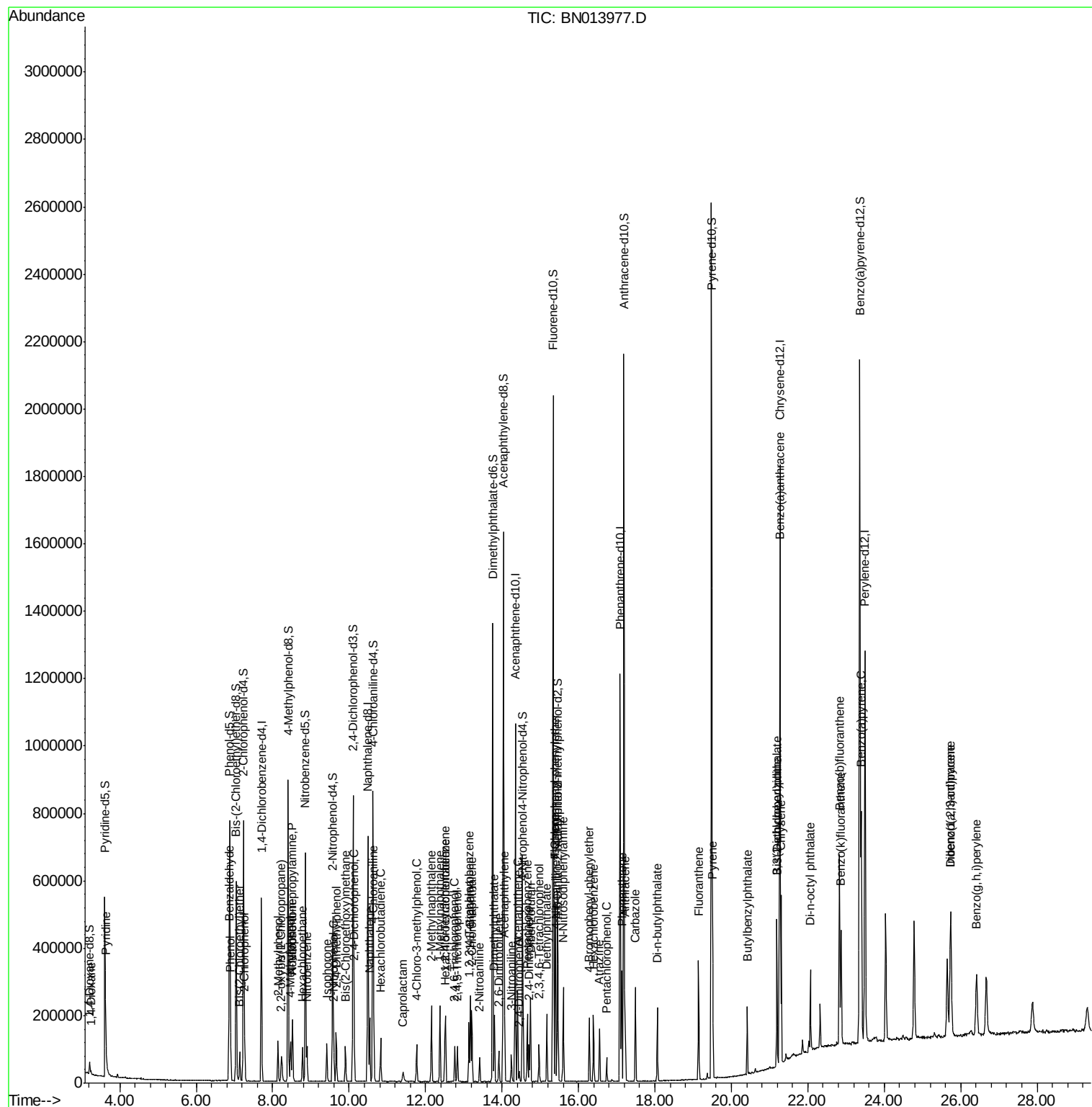
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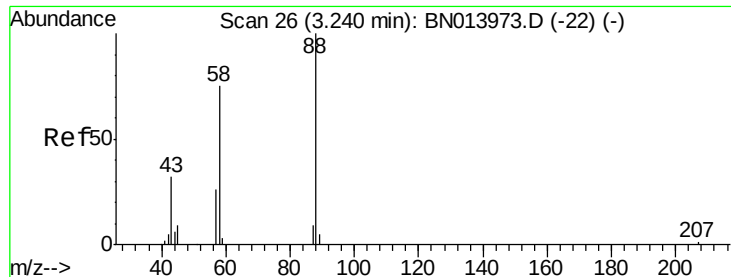
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.214 ng/uL

RT: 3.25 min Scan# 28

Delta R.T. 0.01 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-04

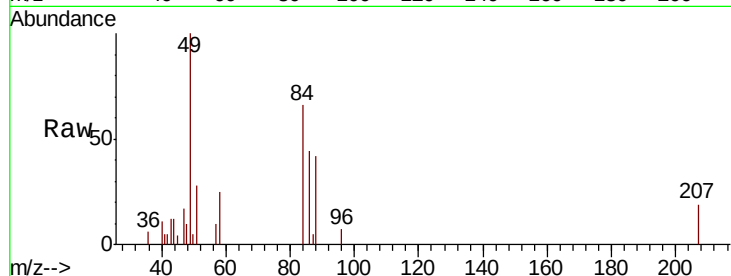
Tot Ion: 88 Resp: 4598

Ion Ratio Lower Upper

88 100

43 28.9 25.1 37.7

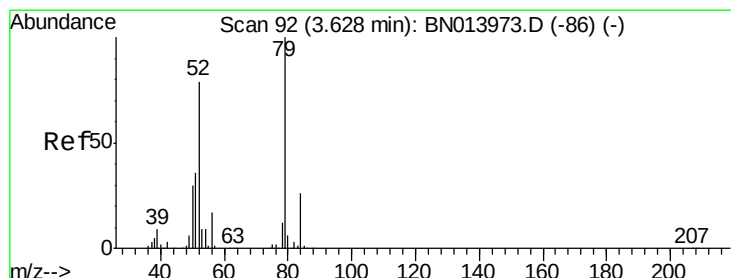
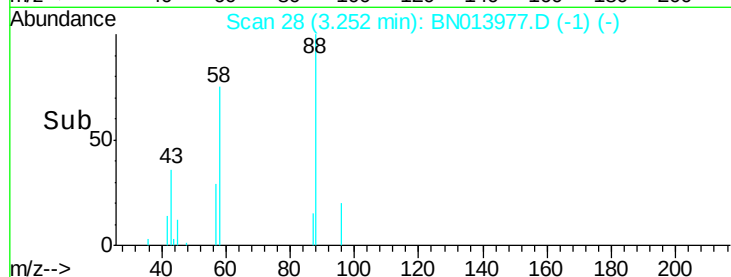
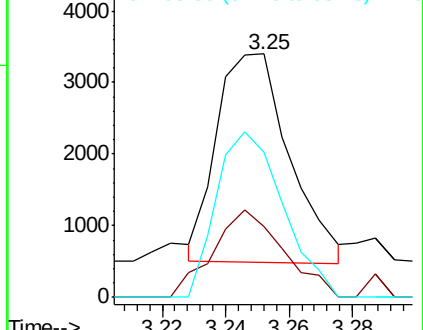
58 59.6 59.2 88.8



Abundance Ion 88.00 (87.70 to 88.70): BN013977.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BN013977.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BN013977.D (-1) (-)



#5

Pyridine

Concen: 4.611 ng/uL

RT: 3.63 min Scan# 93

Delta R.T. 0.01 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

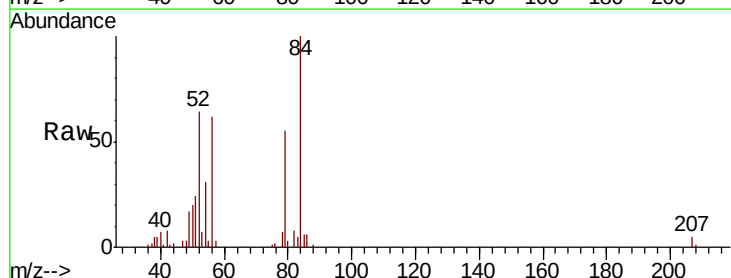
Tgt Ion: 79 Resp: 47971

Ion Ratio Lower Upper

79 100

52 116.8 61.8 92.8#

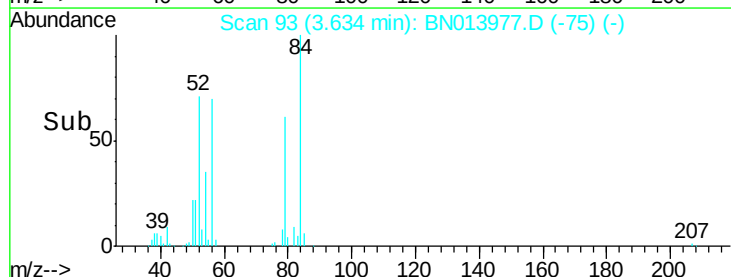
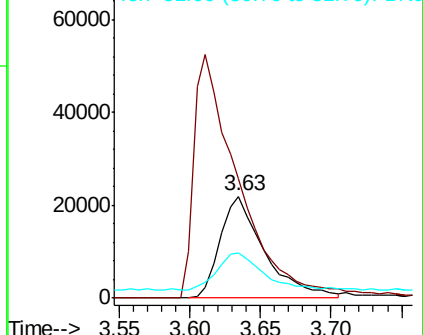
51 44.1 28.7 43.1#

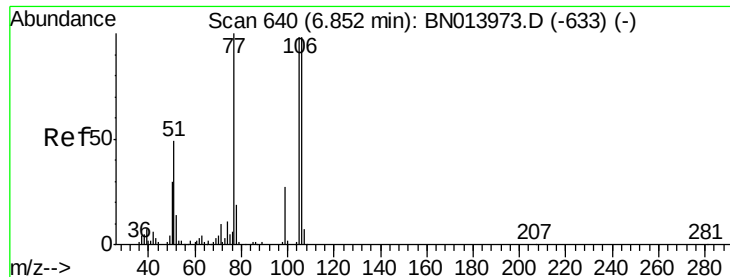


Abundance Ion 79.00 (78.70 to 79.70): BN013977.D (-75) (-)

Ion 52.00 (51.70 to 52.70): BN013977.D (-75) (-)

Ion 51.00 (50.70 to 51.70): BN013977.D (-75) (-)





#6

Benzaldehyde

Concen: 5.318 ng/ul

RT: 6.85 min Scan# 640

Delta R.T. -0.00 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

Instrument :

BNA_N

ClientSampleId :

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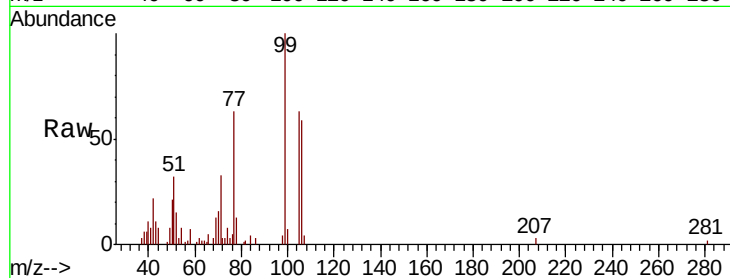
Tot Ion: 77 Resp: 32418

Ion Ratio Lower Upper

77 100

105 101.3 79.8 119.8

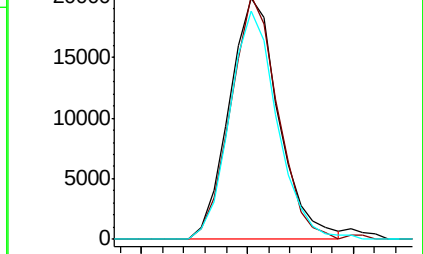
106 94.9 75.8 113.8



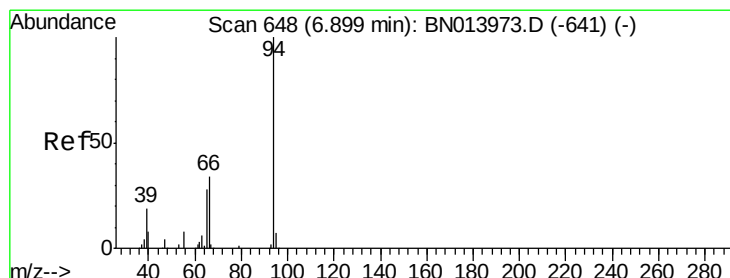
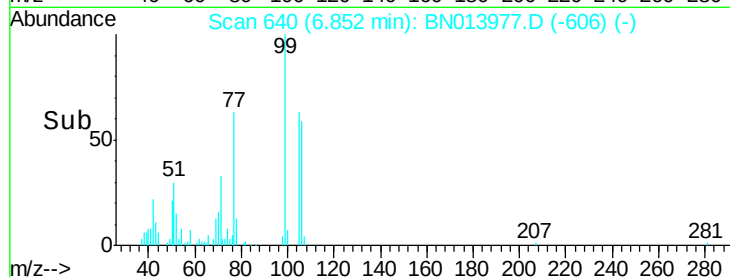
Abundance Ion 77.00 (76.70 to 77.70): BN013977.D (-606) (-)

Ion 105.00 (104.70 to 105.70): BN013977.D (-606) (-)

Ion 106.00 (105.70 to 106.70): BN013977.D (-606) (-)



Time-->



#8

Phenol

Concen: 4.528 ng/ul

RT: 6.90 min Scan# 648

Delta R.T. -0.00 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

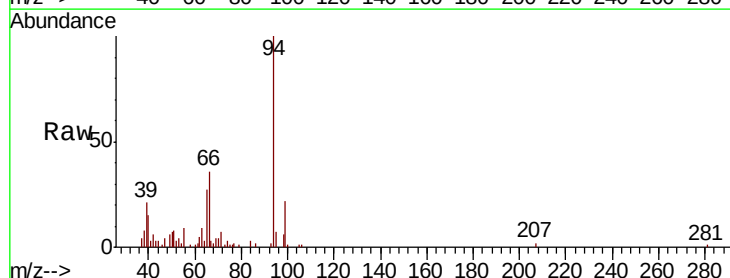
Tgt Ion: 94 Resp: 60567

Ion Ratio Lower Upper

94 100

65 26.9 23.0 34.6

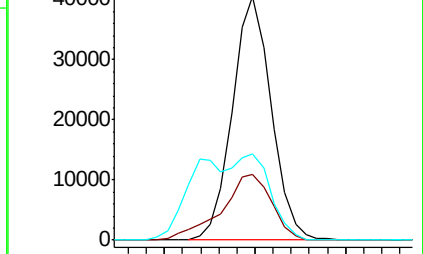
66 35.6 29.0 43.6



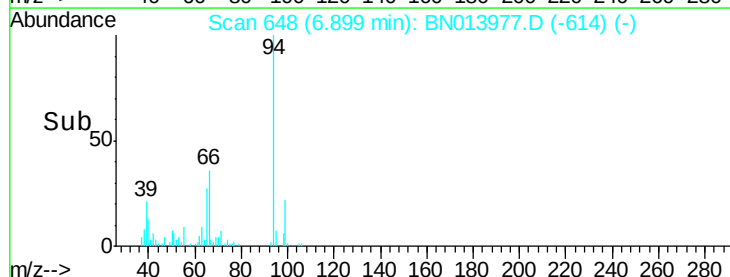
Abundance Ion 94.00 (93.70 to 94.70): BN013977.D (-614) (-)

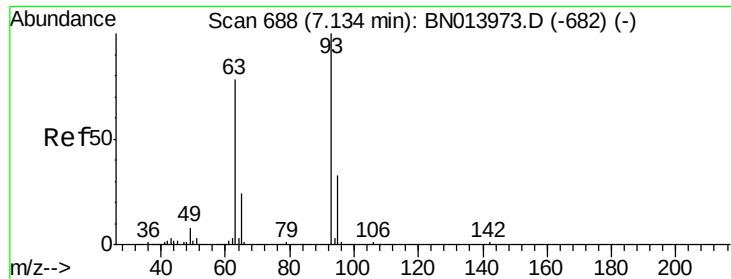
Ion 65.00 (64.70 to 65.70): BN013977.D (-614) (-)

Ion 66.00 (65.70 to 66.70): BN013977.D (-614) (-)



Time-->

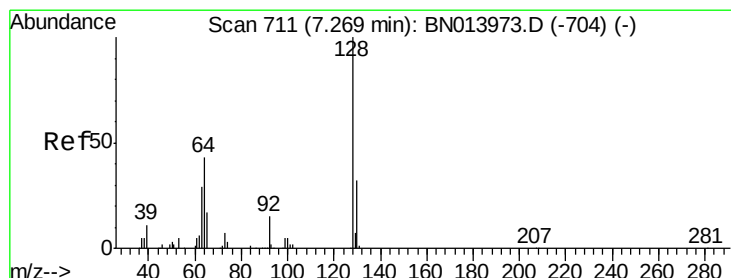
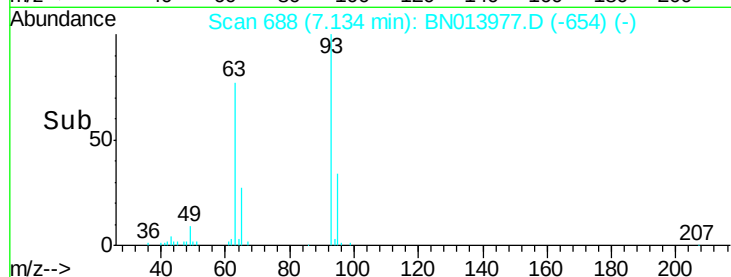
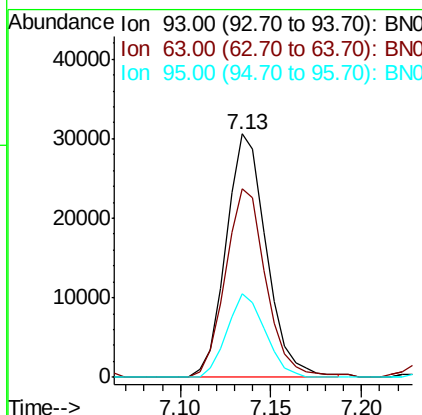
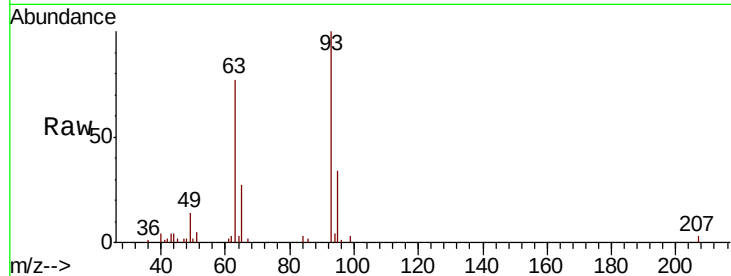




#10
 Bis(2-Chloroethyl)ether
 Concen: 4.511 ng/ul
 RT: 7.13 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BN013977.D
 Acq: 18 Mar 2021 11:45

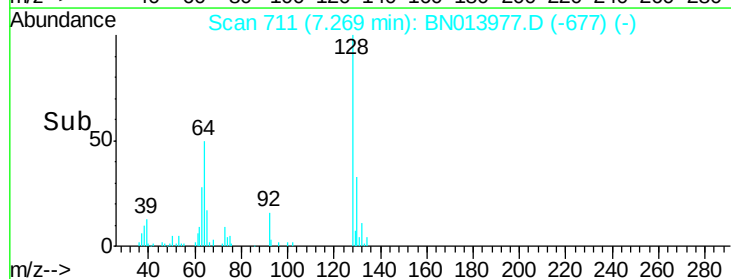
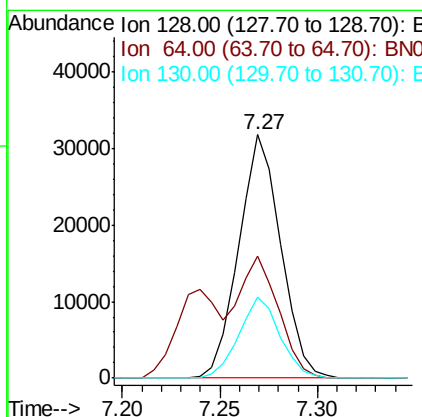
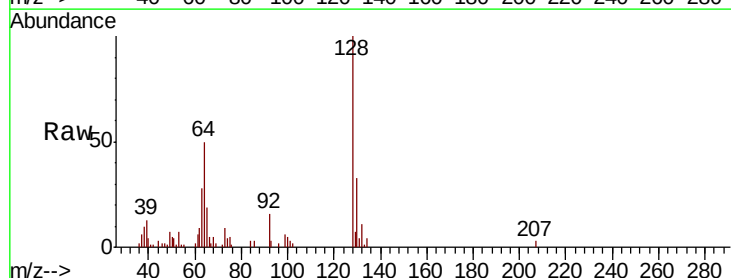
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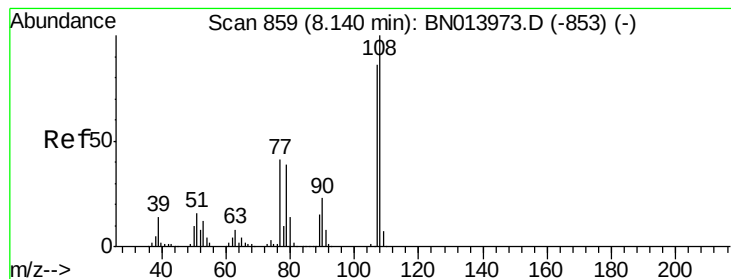
Tot Ion: 93 Resp: 47332
 Ion Ratio Lower Upper
 93 100
 63 77.2 61.6 92.4
 95 34.4 26.0 39.0



#12
 2-Chlorophenol
 Concen: 4.708 ng/ul
 RT: 7.27 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BN013977.D
 Acq: 18 Mar 2021 11:45

Tgt Ion: 128 Resp: 47423
 Ion Ratio Lower Upper
 128 100
 64 50.0 39.0 58.4
 130 33.1 25.5 38.3





#13

2-Methylphenol

Concen: 3.972 ng/ul

RT: 8.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

Instrument :

BNA_N

ClientSampleId :

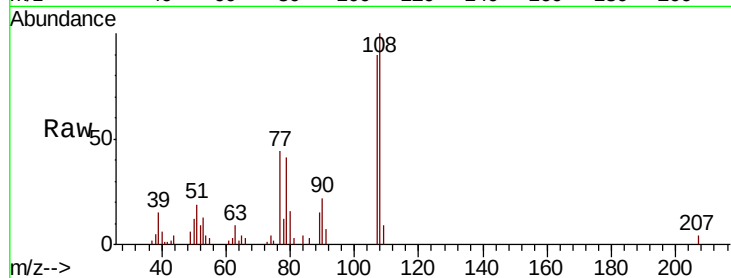
MDL-SOIL-QT2-2021-04

Tot Ion:108 Resp: 38380

Ion Ratio Lower Upper

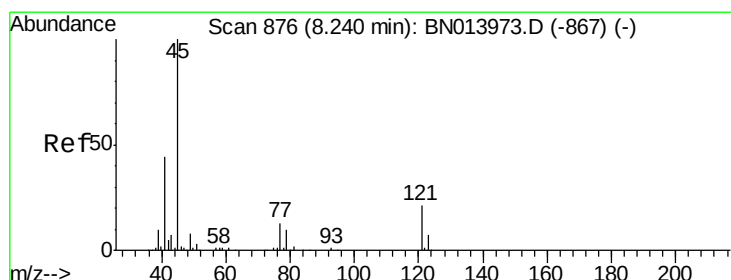
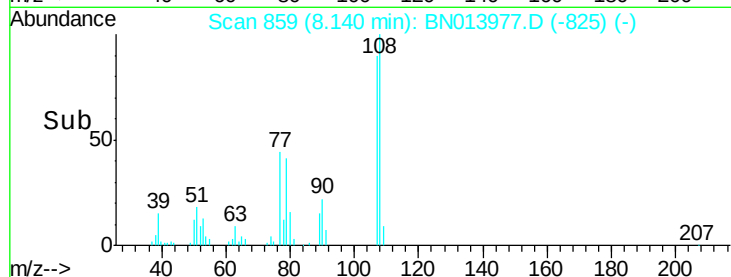
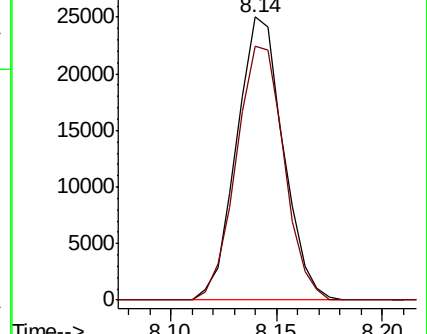
108 100

107 89.9 71.3 106.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#14

2,2'-oxybis(1-Chloropropane)

Concen: 4.502 ng/ul

RT: 8.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

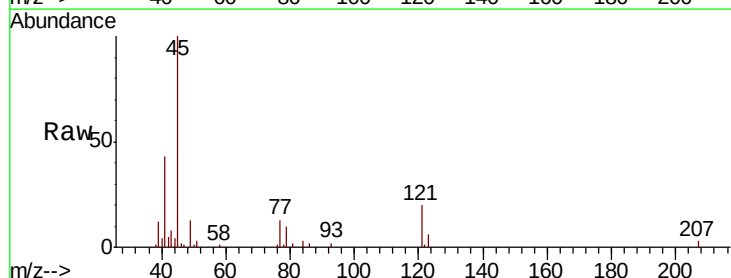
Tgt Ion: 45 Resp: 70972

Ion Ratio Lower Upper

45 100

77 12.8 10.3 15.5

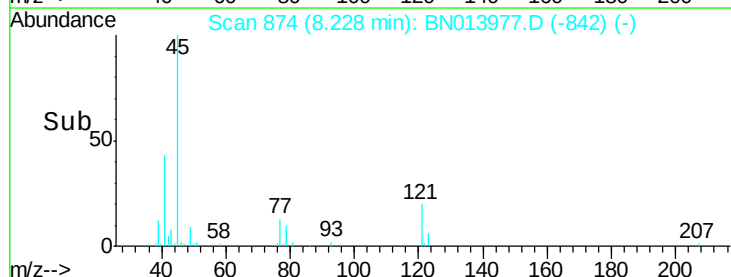
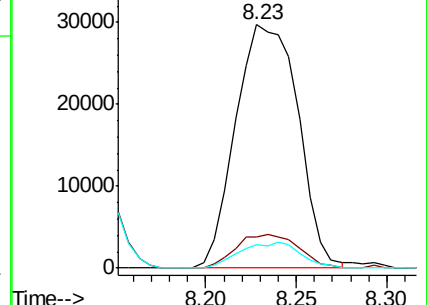
79 9.8 8.1 12.1

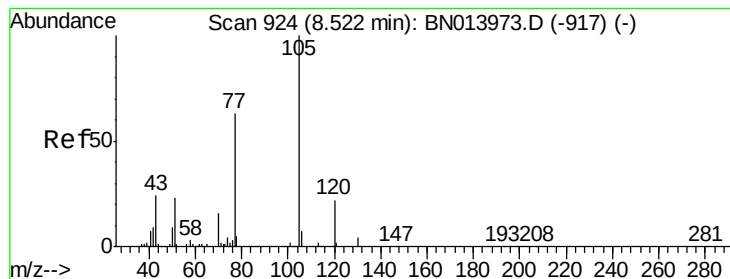


Abundance Ion 45.00 (44.70 to 45.70): BNC

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC





#16

Acetophenone

Concen: 4.341 ng/ul

RT: 8.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-04

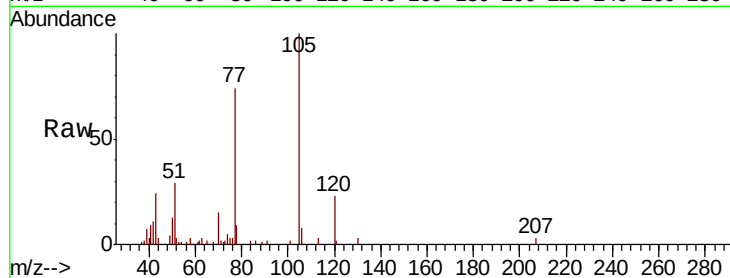
Tot Ion:105 Resp: 68014

Ion Ratio Lower Upper

105 100

77 73.6 65.1 97.7

51 28.6 24.2 36.2



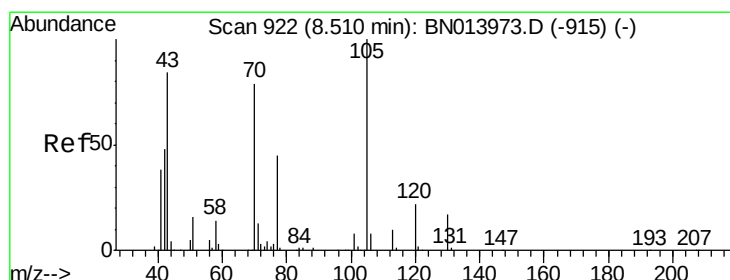
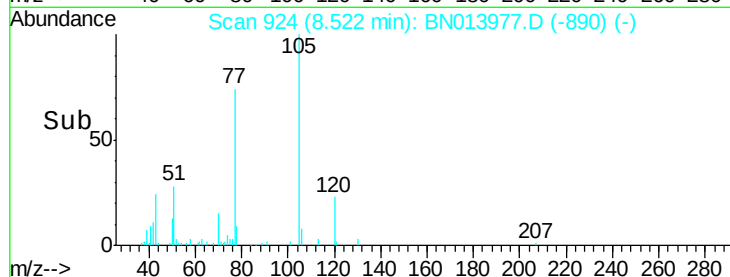
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

8.52

Time-->



#17

N-Nitroso-di-n-propylamine

Concen: 4.274 ng/ul

RT: 8.51 min Scan# 922

Delta R.T. -0.00 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

Tgt Ion: 70 Resp: 31014

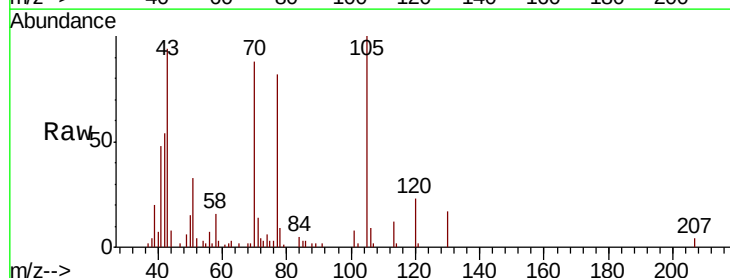
Ion Ratio Lower Upper

70 100

42 61.6 50.3 75.5

101 8.8 7.2 10.8

130 19.5 16.6 25.0



Abundance Ion 70.00 (69.70 to 70.70): BNC

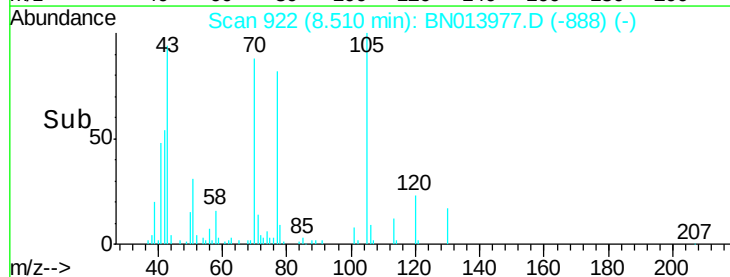
Ion 42.00 (41.70 to 42.70): BNC

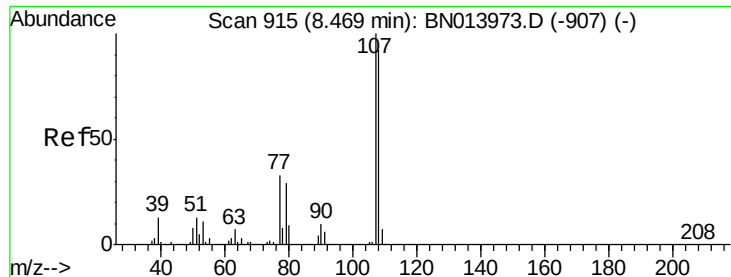
Ion 101.00 (100.70 to 101.70): BNC

Ion 130.00 (129.70 to 130.70): BNC

8.51

Time-->

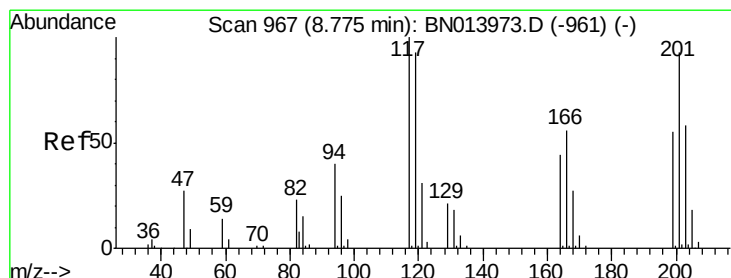
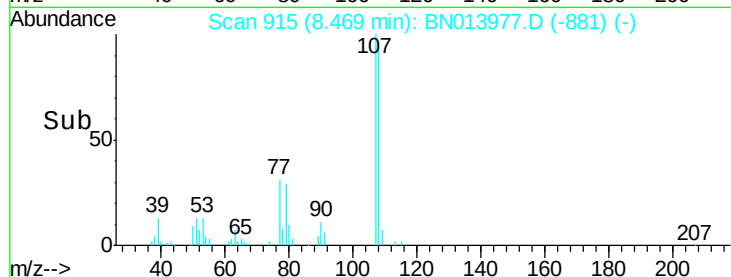
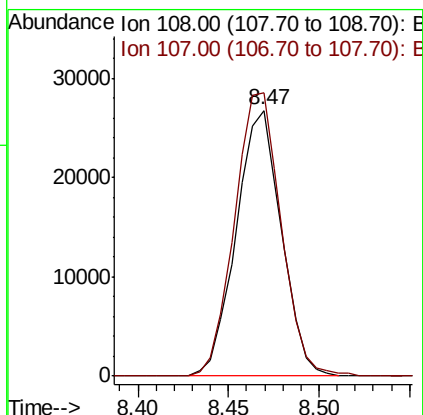
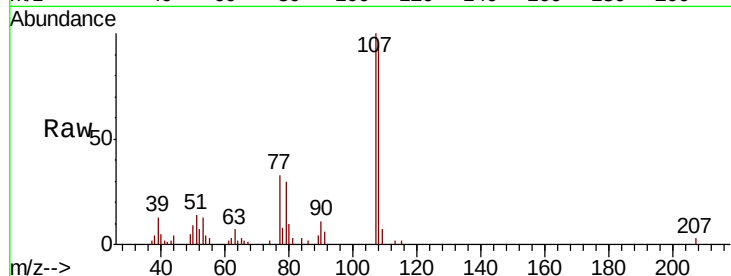




#18
4-Methylphenol
Concen: 4.394 ng/ul
RT: 8.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BN013977.D
Acq: 18 Mar 2021 11:45

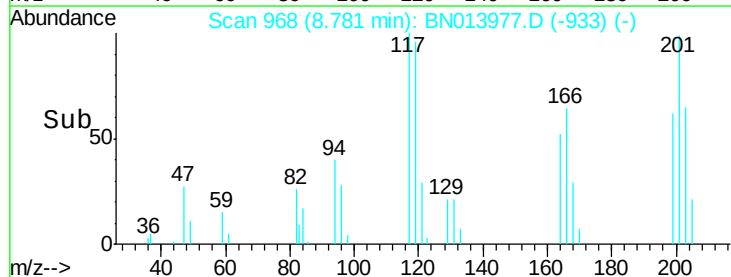
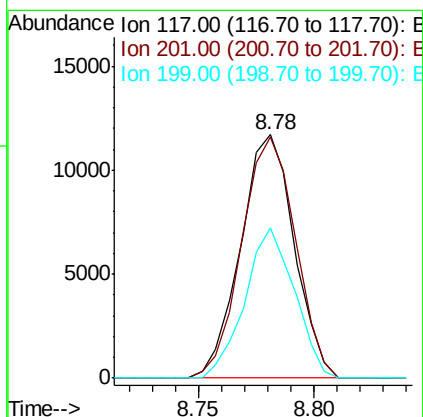
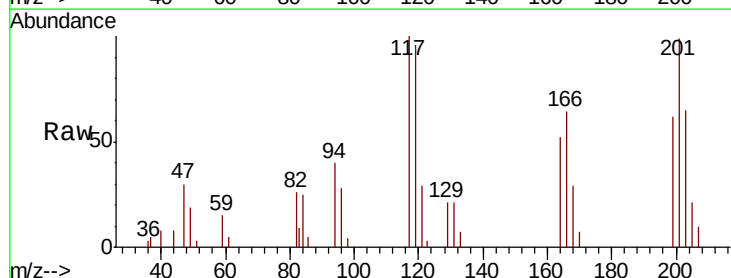
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2021-04

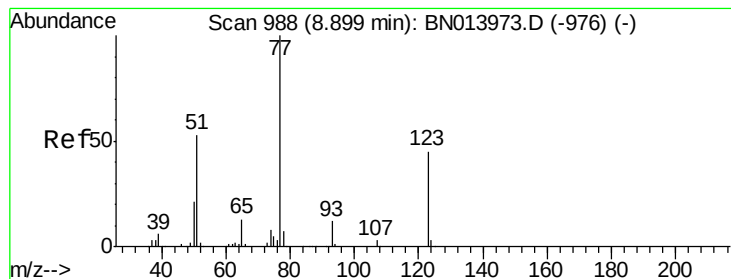
Tot Ion:108 Resp: 46460
Ion Ratio Lower Upper
108 100
107 106.6 88.2 132.4



#19
Hexachloroethane
Concen: 4.546 ng/ul
RT: 8.78 min Scan# 968
Delta R.T. 0.01 min
Lab File: BN013977.D
Acq: 18 Mar 2021 11:45

Tgt Ion:117 Resp: 18944
Ion Ratio Lower Upper
117 100
201 98.9 78.9 118.3
199 61.9 48.2 72.2





#22

Nitrobenzene

Concen: 4.859 ng/ul

RT: 8.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-04

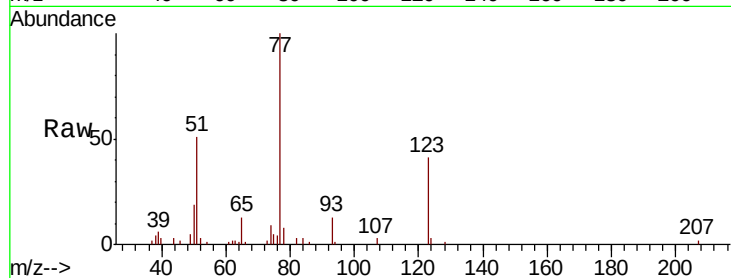
Tot Ion: 77 Resp: 53055

Ion Ratio Lower Upper

77 100

123 41.4 33.7 50.5

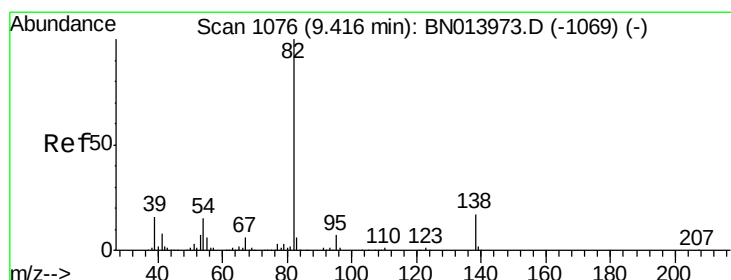
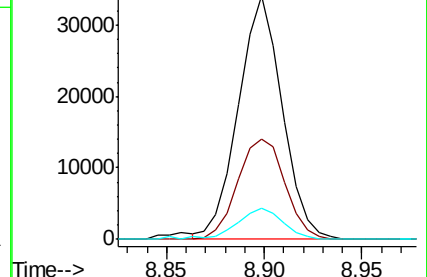
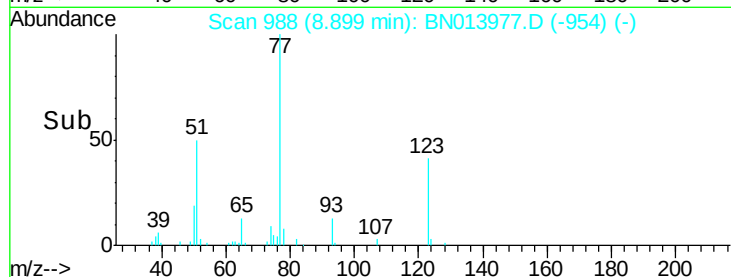
65 13.0 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BN013977.D (-954) (-)

Ion 123.00 (122.70 to 123.70): BN013977.D (-954) (-)

Ion 65.00 (64.70 to 65.70): BN013977.D (-954) (-)



#23

Isophorone

Concen: 4.225 ng/ul

RT: 9.42 min Scan# 1076

Delta R.T. -0.00 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

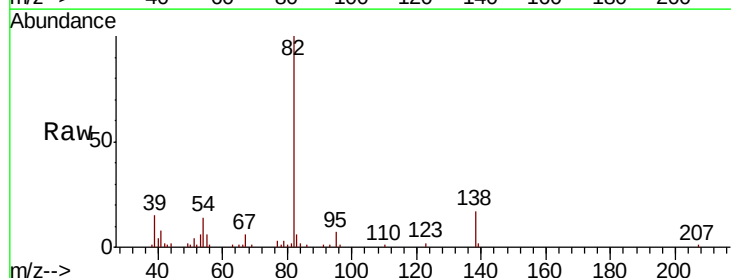
Tgt Ion: 82 Resp: 78054

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

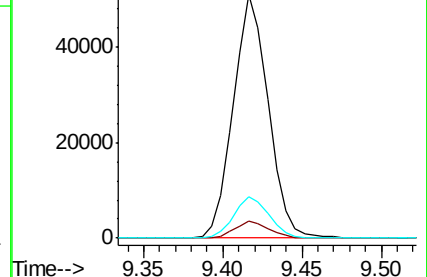
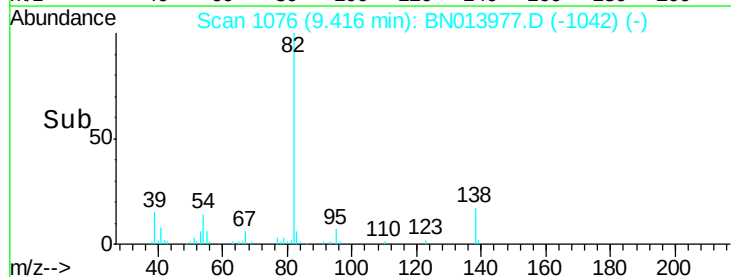
138 17.1 13.4 20.2

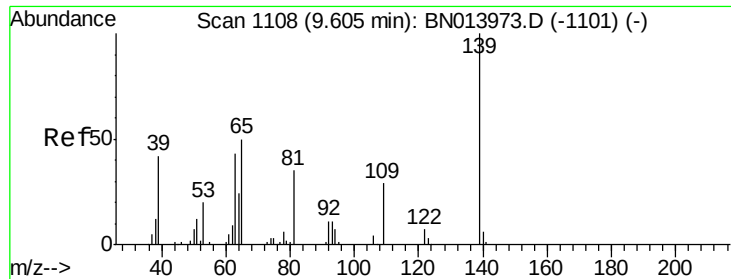


Abundance Ion 82.00 (81.70 to 82.70): BN013977.D (-1042) (-)

Ion 95.00 (94.70 to 95.70): BN013977.D (-1042) (-)

Ion 138.00 (137.70 to 138.70): BN013977.D (-1042) (-)

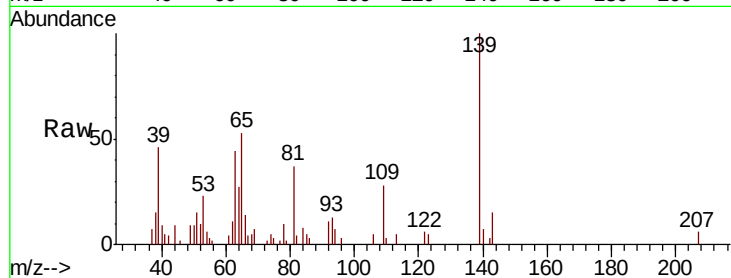




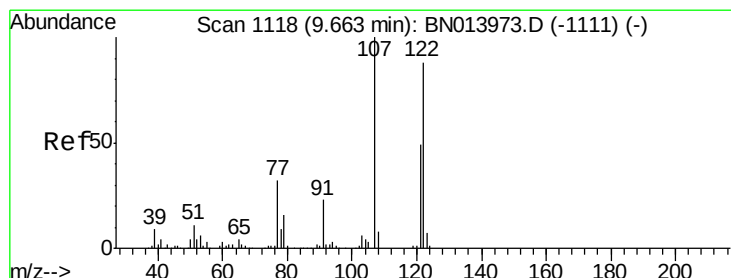
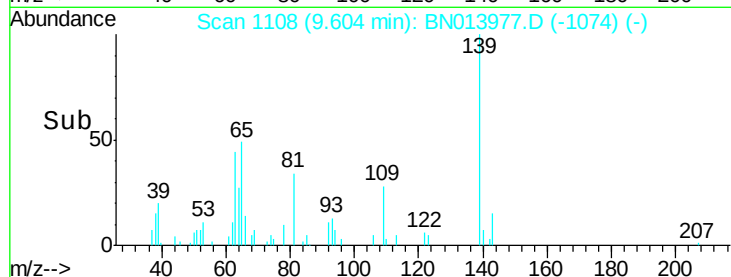
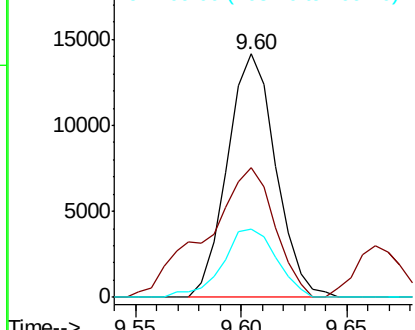
#25
2-Nitrophenol
Concen: 4.983 ng/ul
RT: 9.60 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BN013977.D
Acq: 18 Mar 2021 11:45

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2021-04

Tot Ion:139 Resp: 22427
Ion Ratio Lower Upper
139 100
65 53.1 41.6 62.4
109 28.2 23.3 34.9

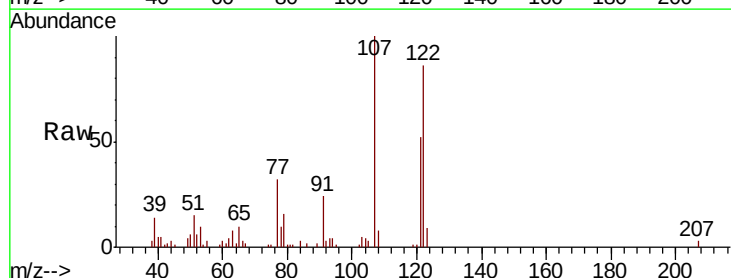


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BNO
Ion 109.00 (108.70 to 109.70): E

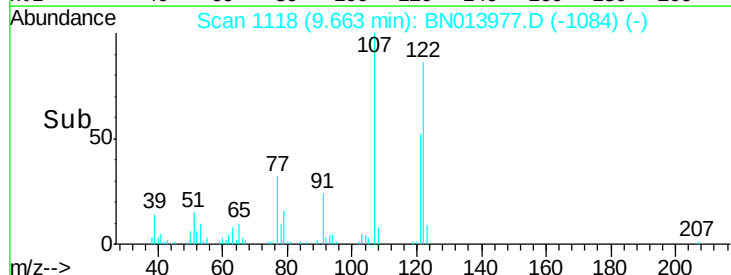
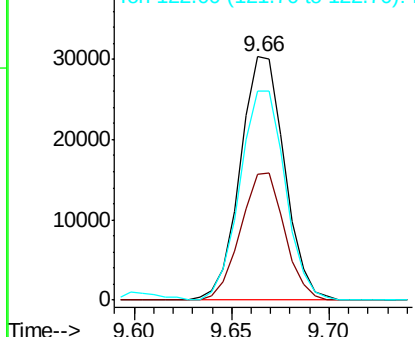


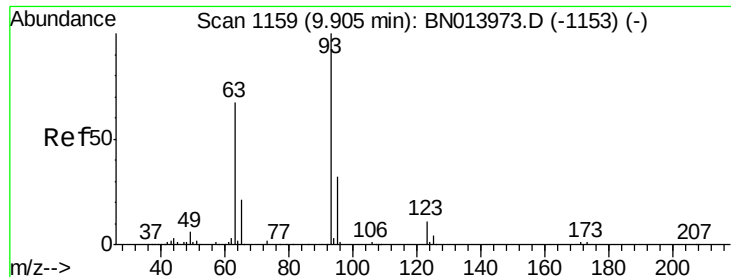
#26
2,4-Dimethylphenol
Concen: 4.517 ng/ul
RT: 9.66 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BN013977.D
Acq: 18 Mar 2021 11:45

Tgt Ion:107 Resp: 47855
Ion Ratio Lower Upper
107 100
121 51.6 40.5 60.7
122 86.1 67.7 101.5



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





#27

Bis(2-Chloroethoxy)methane

Concen: 4.558 ng/ul

RT: 9.90 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-04

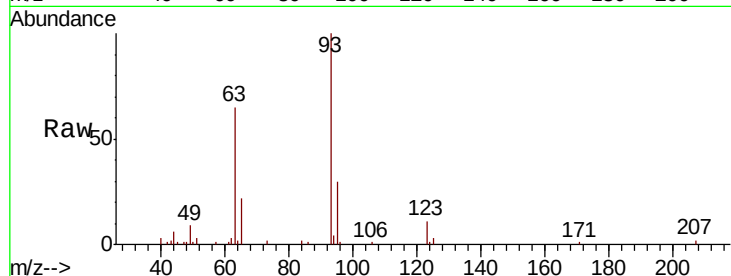
Tot Ion: 93 Resp: 58361

Ion Ratio Lower Upper

93 100

95 30.4 25.8 38.8

123 11.4 9.3 13.9

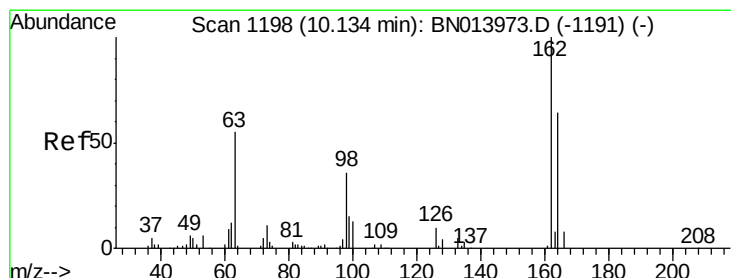
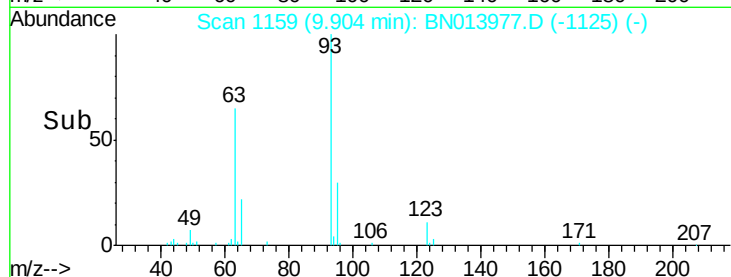


Abundance Ion 93.00 (92.70 to 93.70): BN013973.D (-1153) (-)

Ion 95.00 (94.70 to 95.70): BN013973.D (-1153) (-)

Ion 123.00 (122.70 to 123.70): BN013973.D (-1153) (-)

Time-->



#29

2,4-Dichlorophenol

Concen: 4.861 ng/ul

RT: 10.13 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

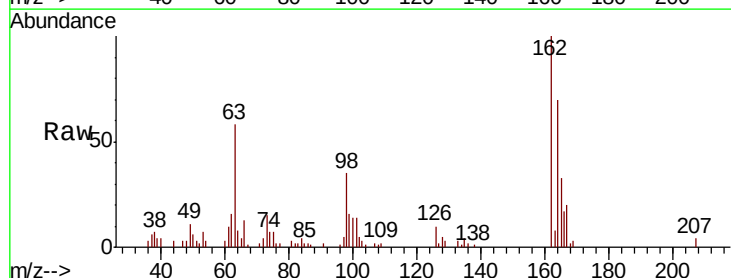
Tgt Ion: 162 Resp: 42170

Ion Ratio Lower Upper

162 100

164 69.8 49.9 74.9

98 35.0 29.1 43.7

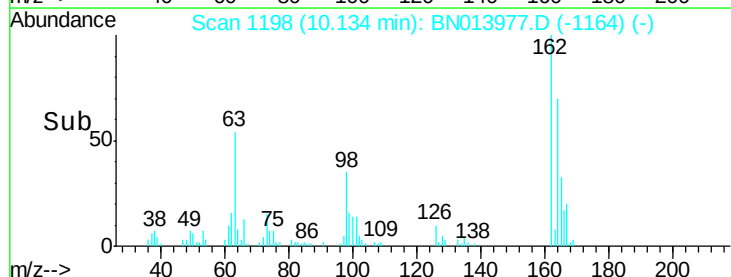


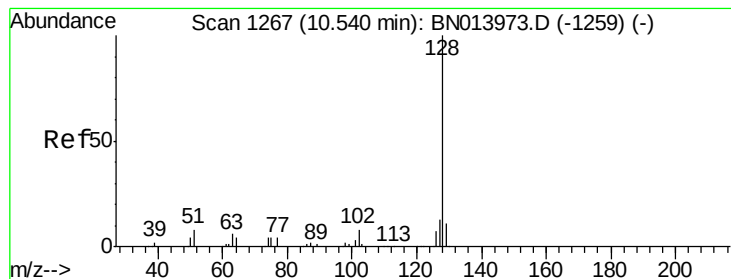
Abundance Ion 162.00 (161.70 to 162.70): BN013973.D (-1191) (-)

Ion 164.00 (163.70 to 164.70): BN013973.D (-1191) (-)

Ion 98.00 (97.70 to 98.70): BN013973.D (-1191) (-)

Time-->





#30

Naphthalene

Concen: 4.778 ng/ul

RT: 10.54 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-04

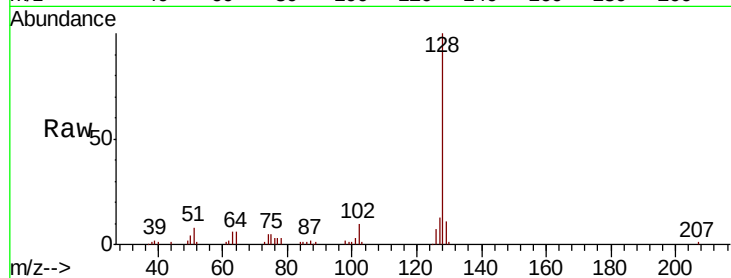
Tot Ion:128 Resp: 152590

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

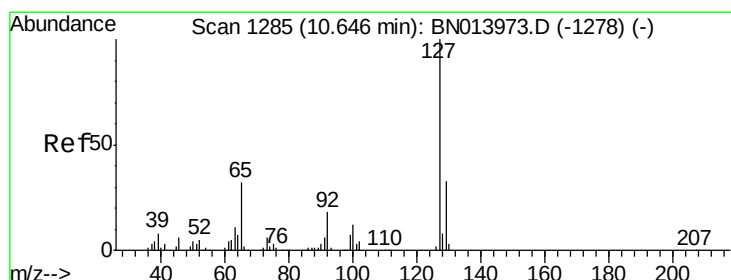
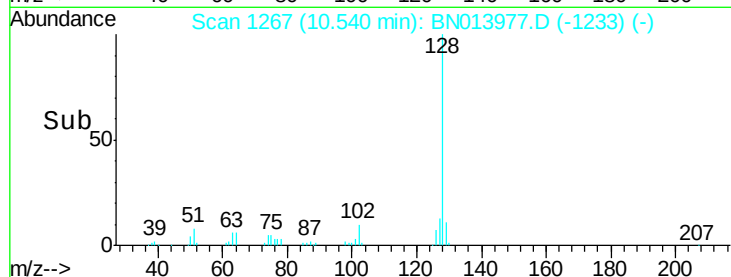
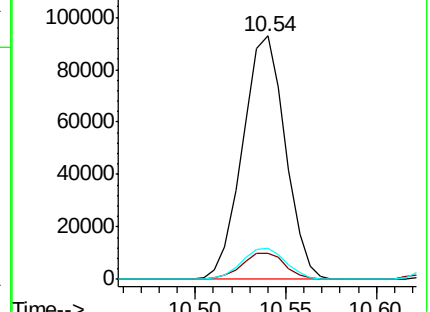
127 12.6 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

4-Chloroaniline

Concen: 4.648 ng/ul

RT: 10.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BN013977.D

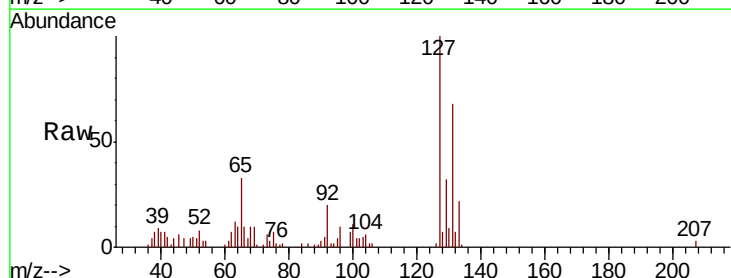
Acq: 18 Mar 2021 11:45

Tgt Ion:127 Resp: 61076

Ion Ratio Lower Upper

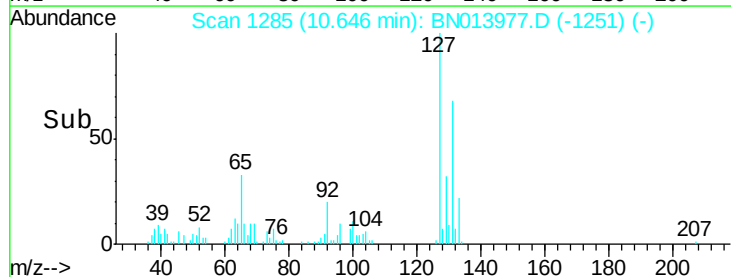
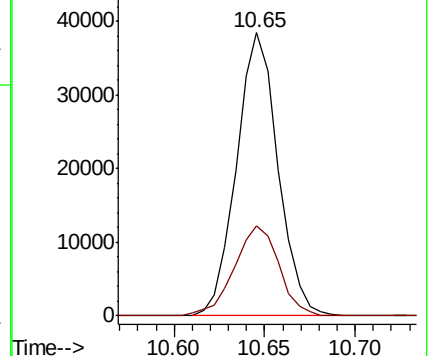
127 100

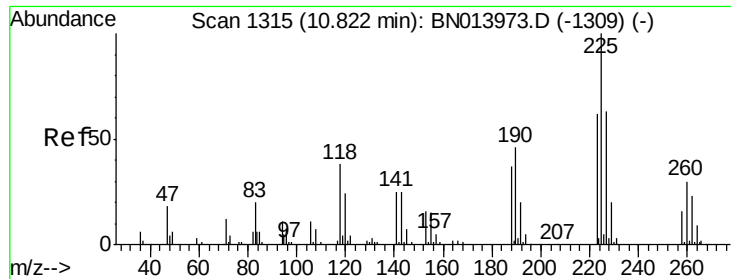
129 32.0 25.2 37.8



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#33

Hexachlorobutadiene

Concen: 4.899 ng/ul

RT: 10.83 min Scan# 1316

Delta R.T. 0.01 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-04

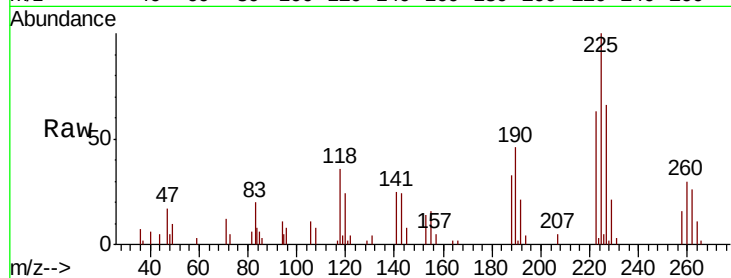
Tot Ion:225 Resp: 26998

Ion Ratio Lower Upper

225 100

223 66.1 52.6 78.8

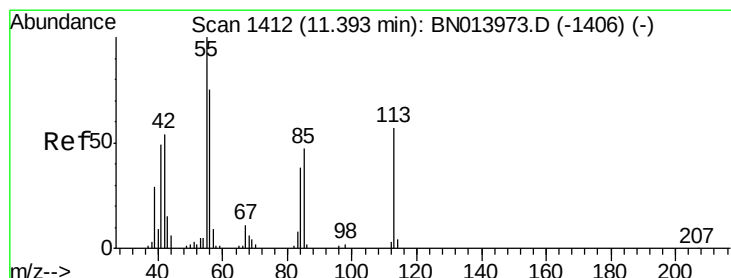
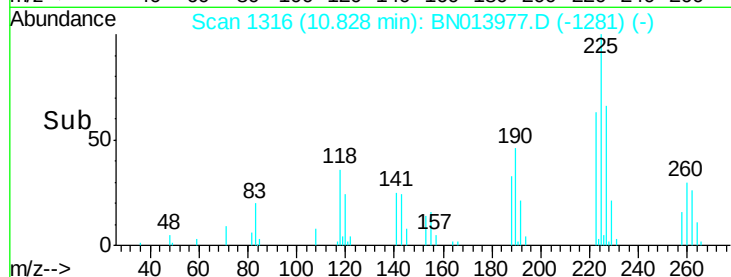
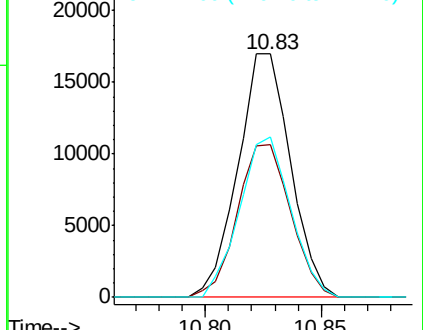
227 65.9 51.0 76.4



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#34

Caprolactam

Concen: 2.843 ng/ul

RT: 11.41 min Scan# 1415

Delta R.T. 0.02 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

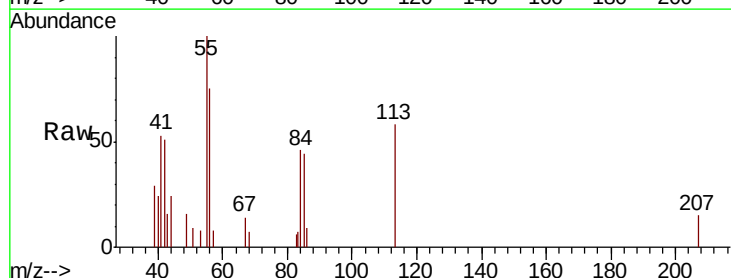
Tgt Ion:113 Resp: 7397

Ion Ratio Lower Upper

113 100

55 173.2 150.2 225.4

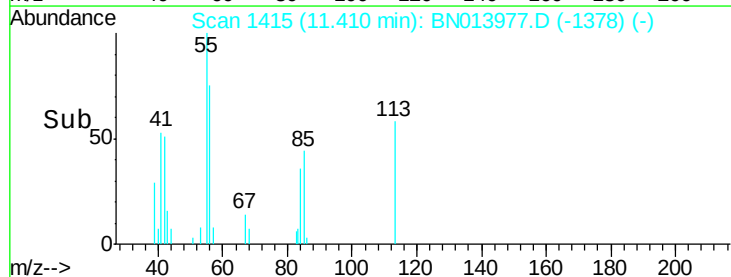
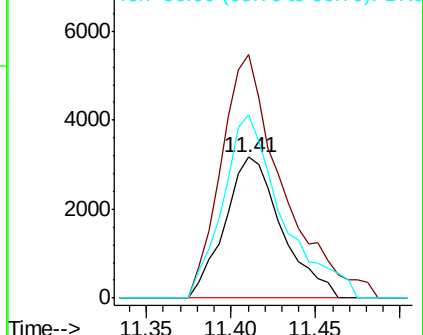
56 130.6 111.2 166.8

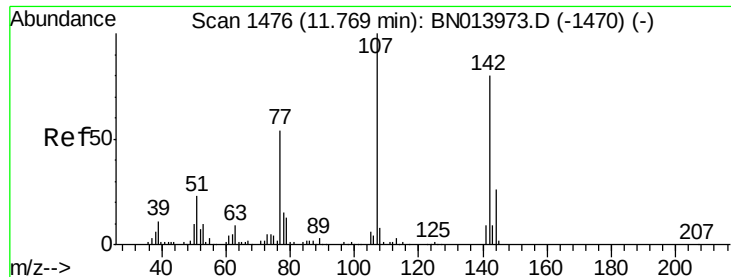


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO

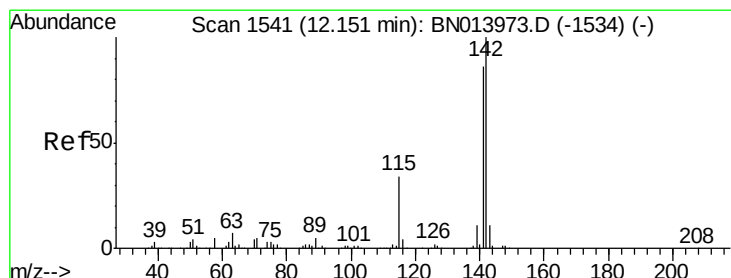
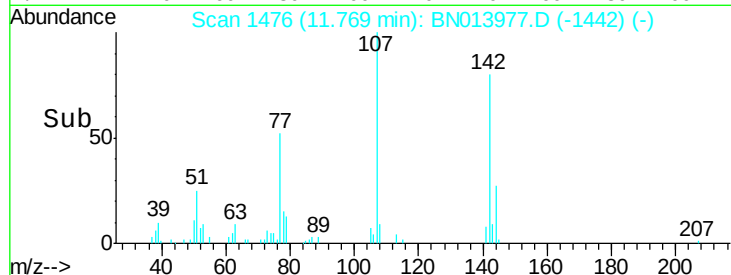
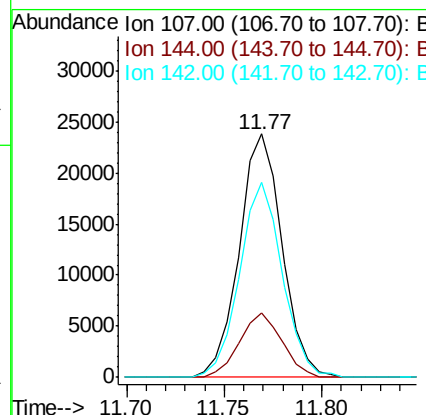
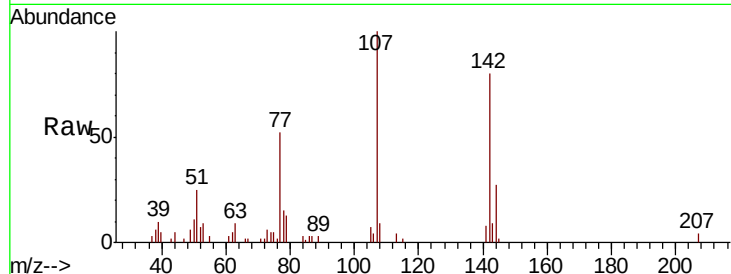




#35
4-Chloro-3-methylphenol
Concen: 4.128 ng/ul
RT: 11.77 min Scan# 1476
Delta R.T. -0.00 min
Lab File: BN013977.D
Acq: 18 Mar 2021 11:45

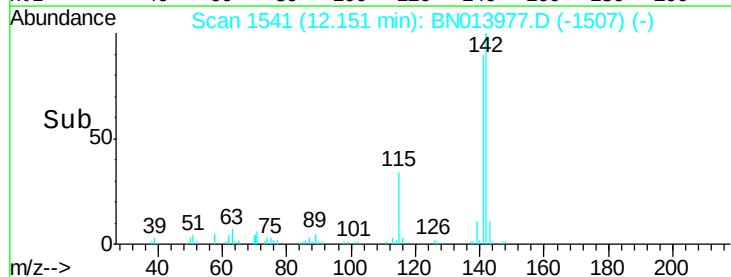
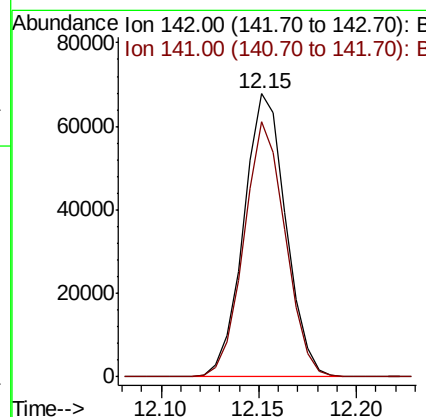
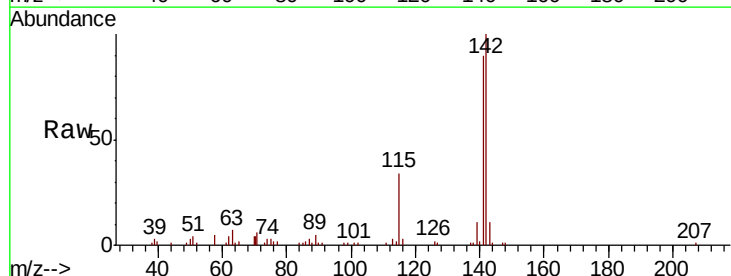
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2021-04

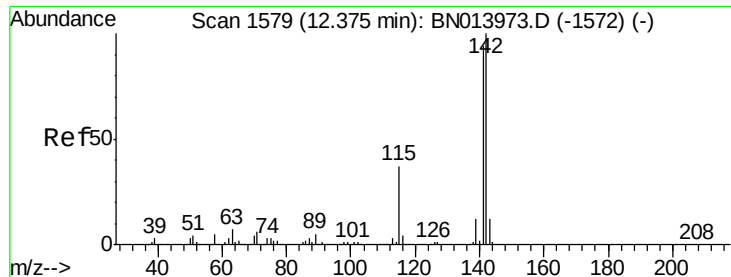
Tot Ion	Ratio	Lower	Upper
107	100		
144	26.5	21.0	31.4
142	80.2	65.9	98.9



#36
2-Methylnaphthalene
Concen: 4.692 ng/ul
RT: 12.15 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BN013977.D
Acq: 18 Mar 2021 11:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.1	108.1

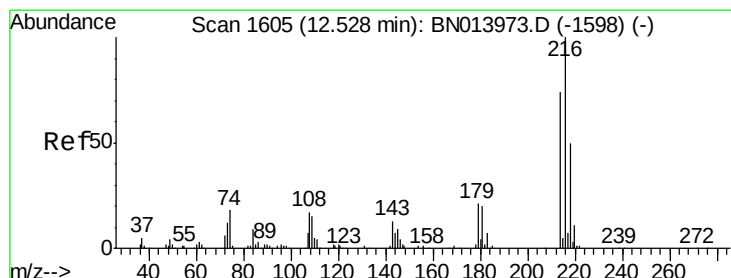
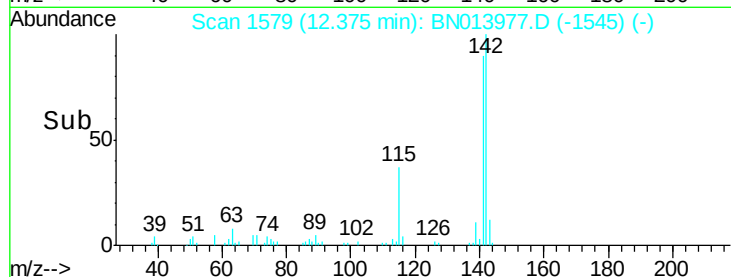
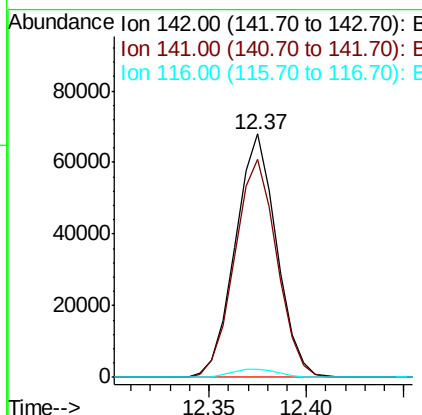
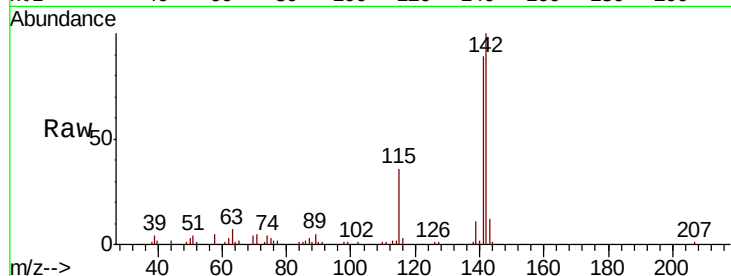




#37
1-Methylnaphthalene
Concen: 4.632 ng/ul
RT: 12.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BN013977.D
Acq: 18 Mar 2021 11:45

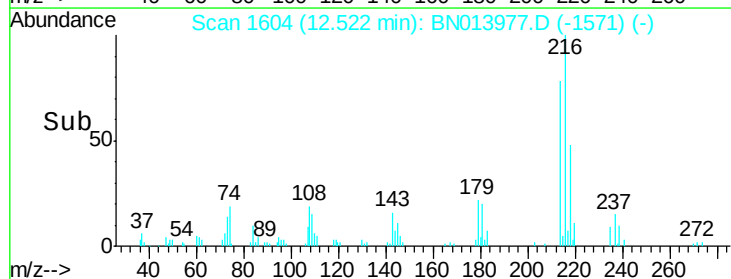
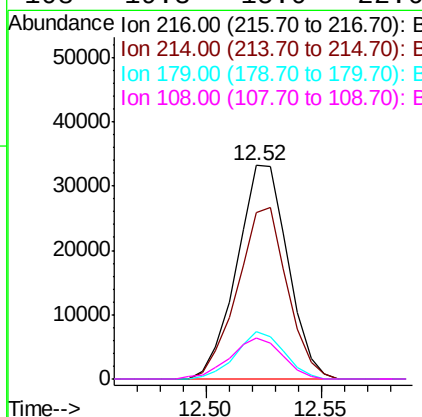
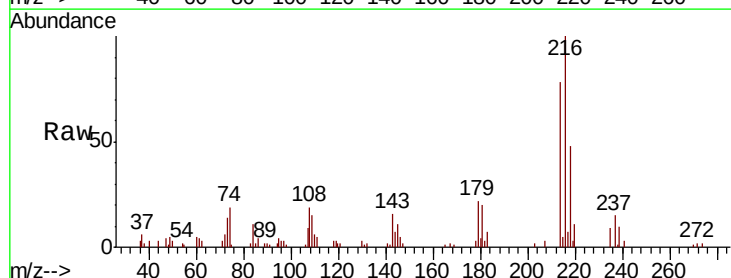
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2021-04

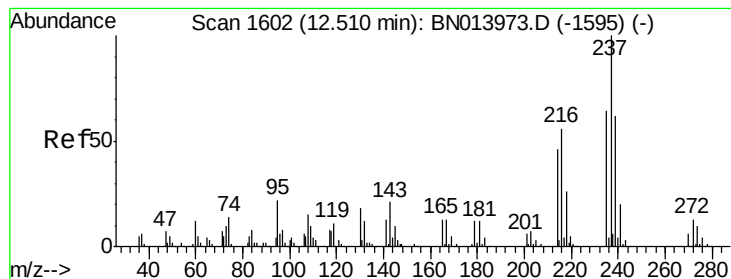
Tot Ion:142 Resp: 99715
Ion Ratio Lower Upper
142 100
141 89.5 73.1 109.7
116 3.4 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.728 ng/ul
RT: 12.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BN013977.D
Acq: 18 Mar 2021 11:45

Tgt Ion:216 Resp: 51038
Ion Ratio Lower Upper
216 100
214 77.8 61.5 92.3
179 22.0 16.3 24.5
108 19.3 15.0 22.6





#40

Hexachlorocyclopentadiene

Concen: 3.823 ng/ul

RT: 12.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-04

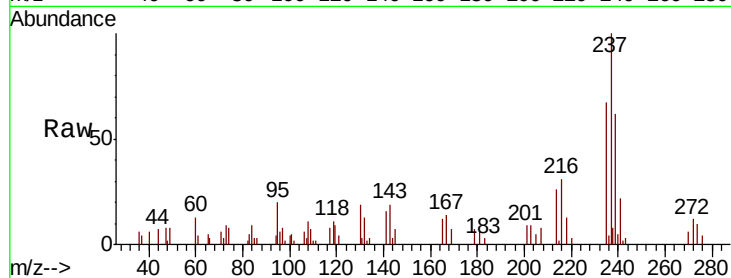
Tot Ion:237 Resp: 24932

Ion Ratio Lower Upper

237 100

235 67.2 50.6 75.8

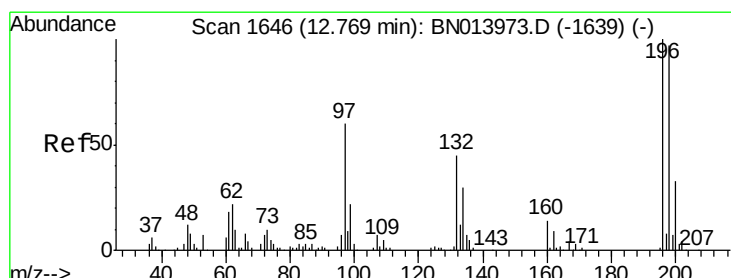
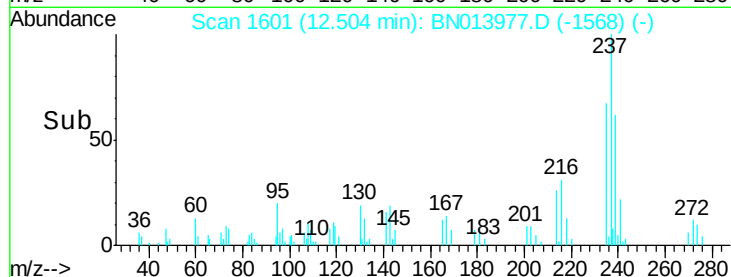
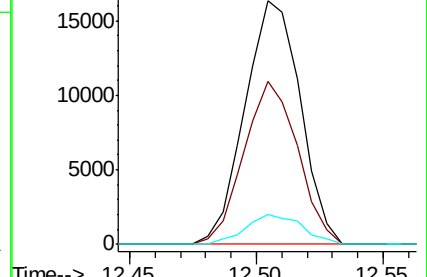
272 12.4 10.4 15.6



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



#41

2,4,6-Trichlorophenol

Concen: 3.934 ng/ul

RT: 12.76 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

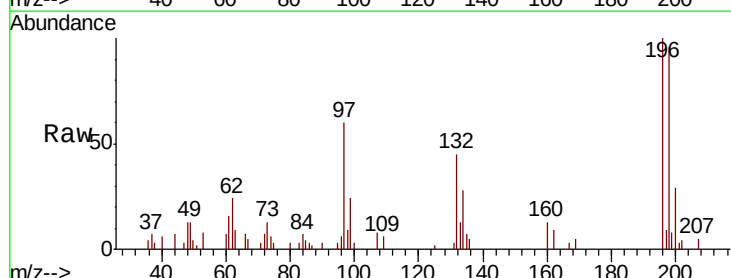
Tgt Ion:196 Resp: 23702

Ion Ratio Lower Upper

196 100

198 96.0 79.8 119.6

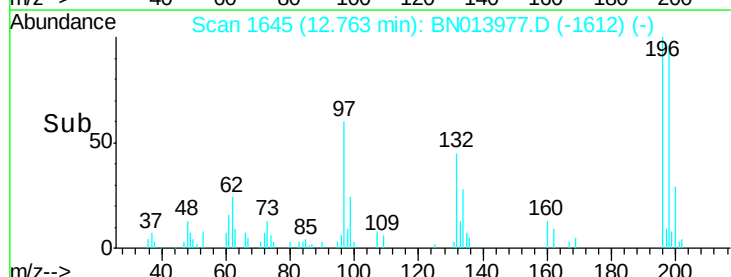
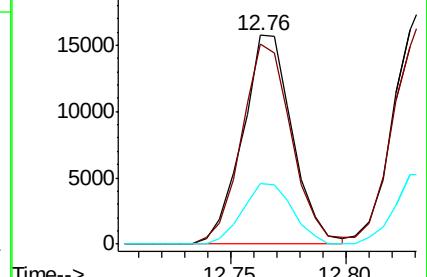
200 28.7 24.1 36.1

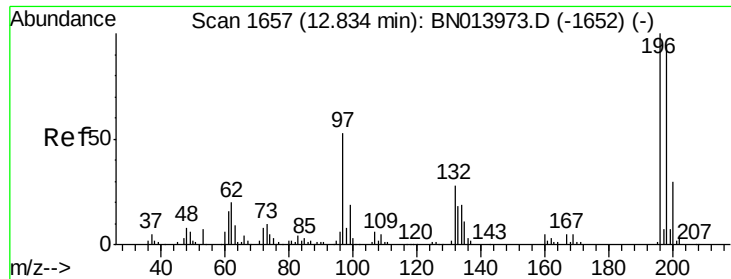


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

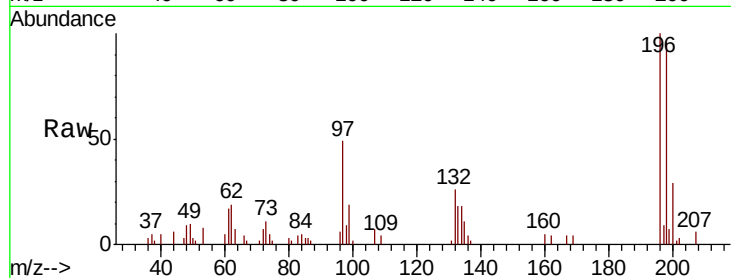




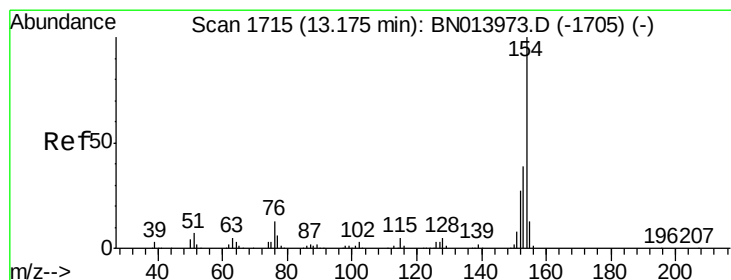
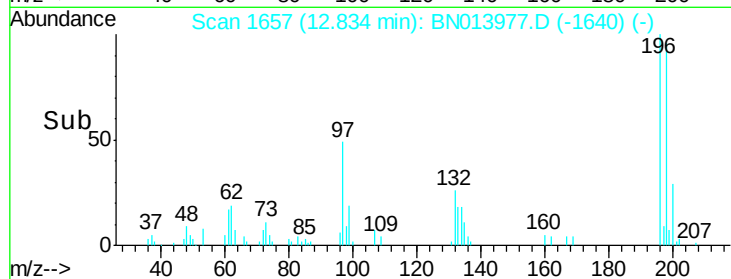
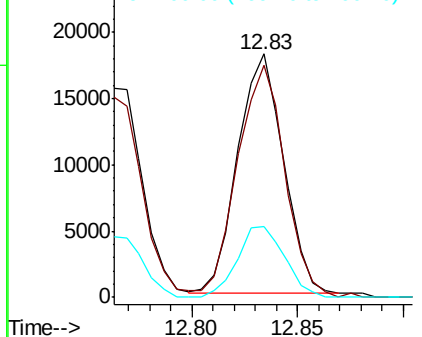
#42
 2,4,5-Trichlorophenol
 Concen: 4.016 ng/ul
 RT: 12.83 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: BN013977.D
 Acq: 18 Mar 2021 11:45

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT2-2021-04

Tot Ion:196 Resp: 27075
 Ion Ratio Lower Upper
 196 100
 198 95.6 78.1 117.1
 200 28.9 25.8 38.8

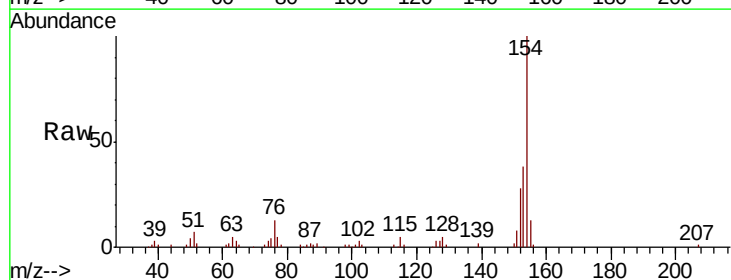


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

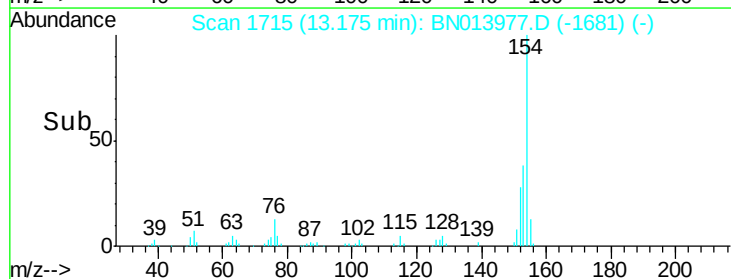
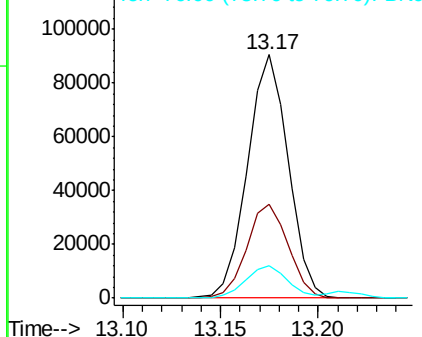


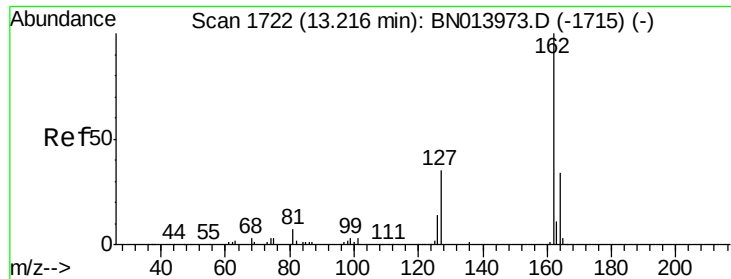
#43
 1,1'-Biphenyl
 Concen: 4.767 ng/ul
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BN013977.D
 Acq: 18 Mar 2021 11:45

Tgt Ion:154 Resp: 130862
 Ion Ratio Lower Upper
 154 100
 153 38.4 31.8 47.8
 76 13.4 10.6 16.0



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): BNC

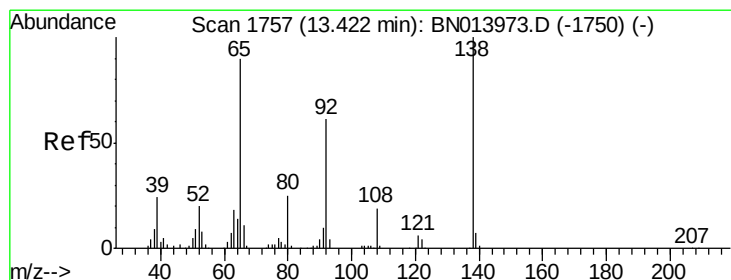
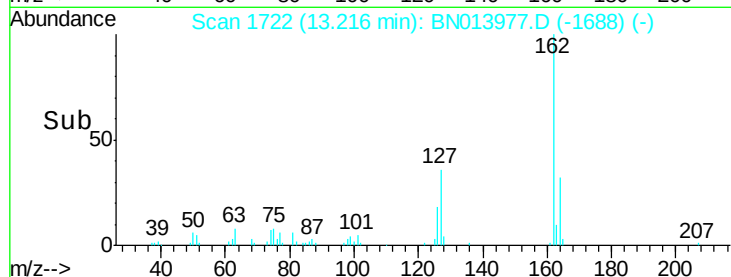
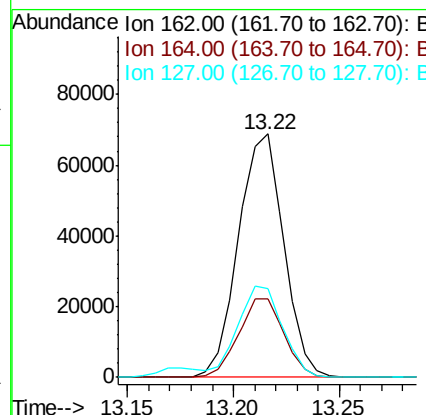
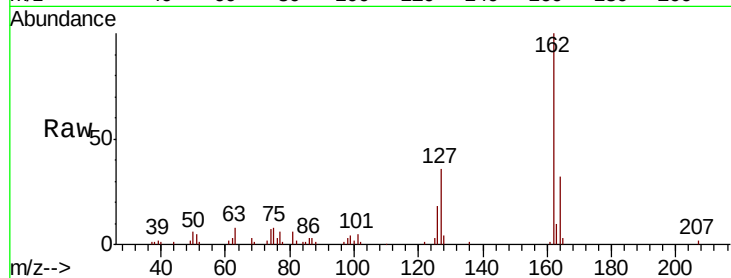




#44
2-Chloronaphthalene
Concen: 4.782 ng/ul
RT: 13.22 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BN013977.D
Acq: 18 Mar 2021 11:45

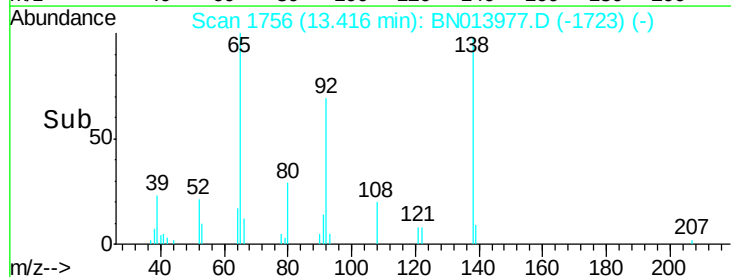
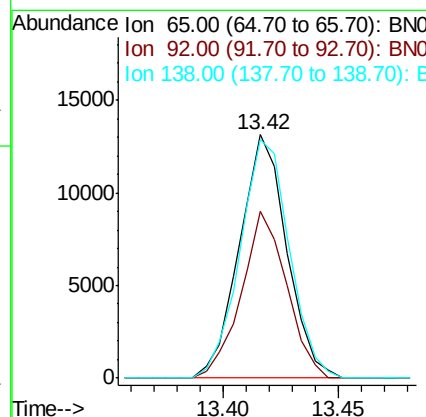
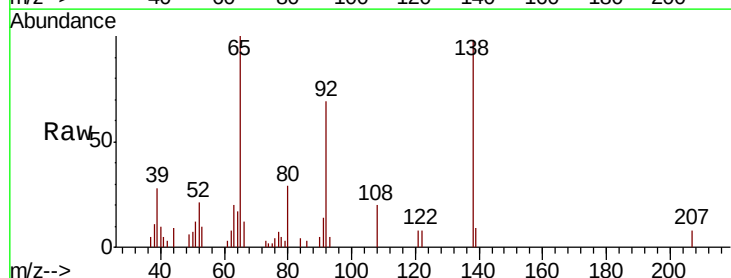
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2021-04

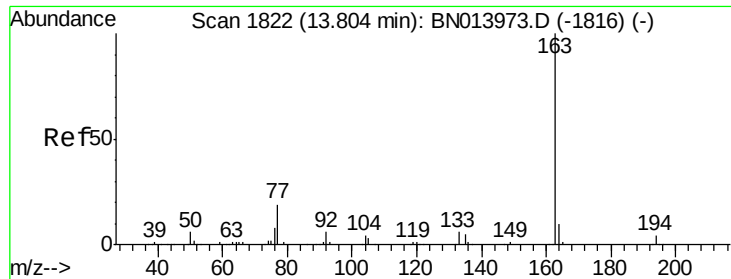
Tot Ion	Ratio	Lower	Upper
162	100		
164	32.0	26.1	39.1
127	36.4	31.1	46.7



#45
2-Nitroaniline
Concen: 3.629 ng/ul
RT: 13.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BN013977.D
Acq: 18 Mar 2021 11:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.6	55.4	83.2
138	98.1	84.6	126.8

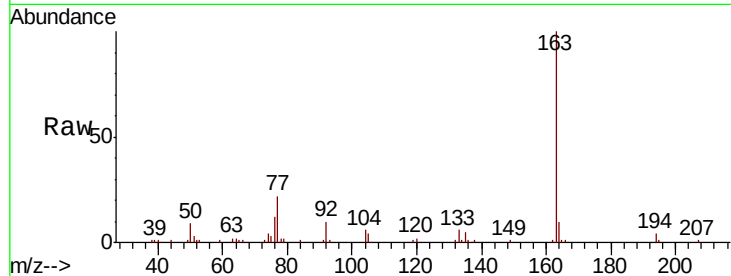




#47
Dimethylphthalate
Concen: 4.828 ng/ul
RT: 13.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BN013977.D
Acq: 18 Mar 2021 11:45

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2021-04

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.0	8.2	12.2

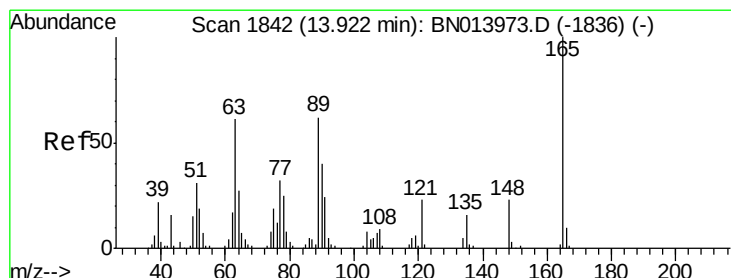
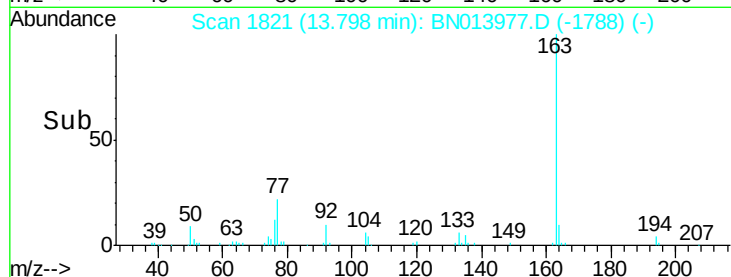
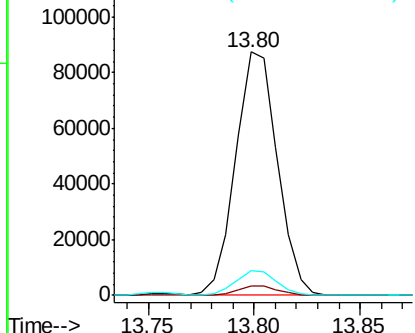


Abundance

Ion 163.00 (162.70 to 163.70): E

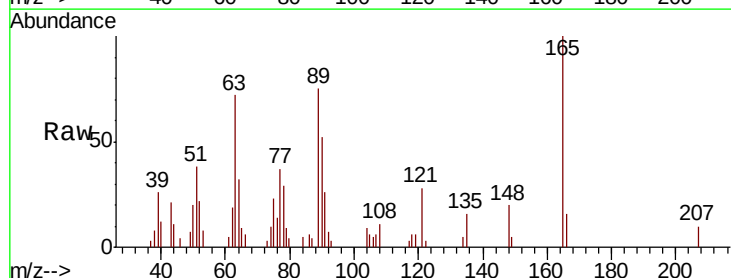
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2,6-Dinitrotoluene
Concen: 3.664 ng/ul
RT: 13.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BN013977.D
Acq: 18 Mar 2021 11:45

Tgt Ion	Ratio	Lower	Upper
165	100		
89	74.5	49.7	74.5#
121	28.1	18.3	27.5#

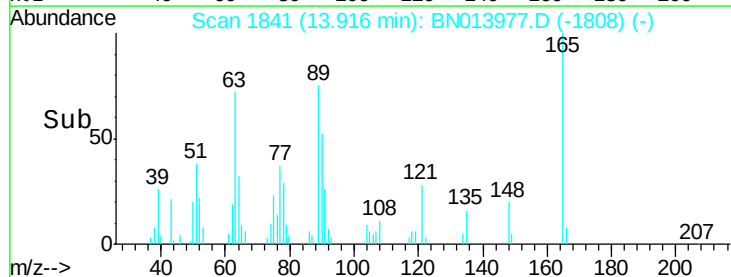
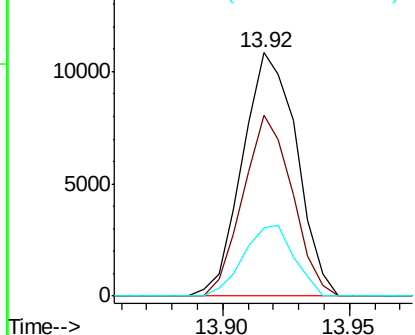


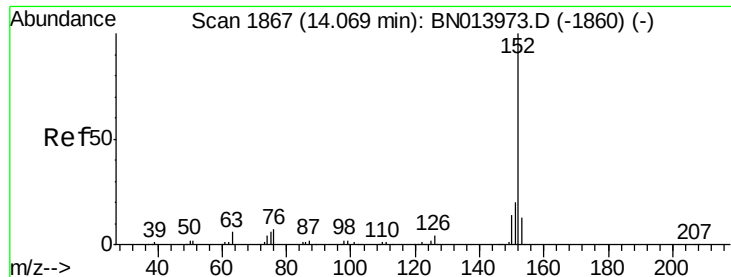
Abundance

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





#50

Acenaphthylene

Concen: 4.814 ng/ul

RT: 14.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-04

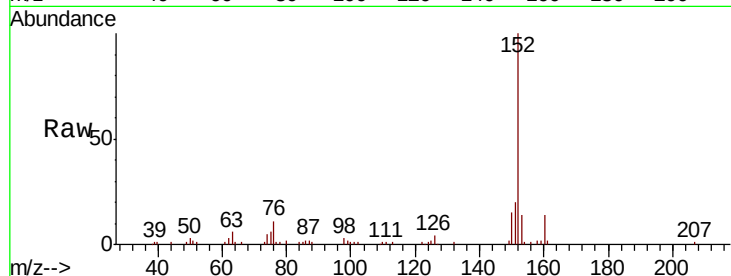
Tot Ion:152 Resp: 149855

Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

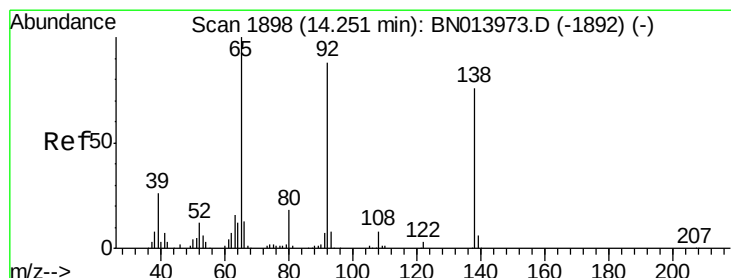
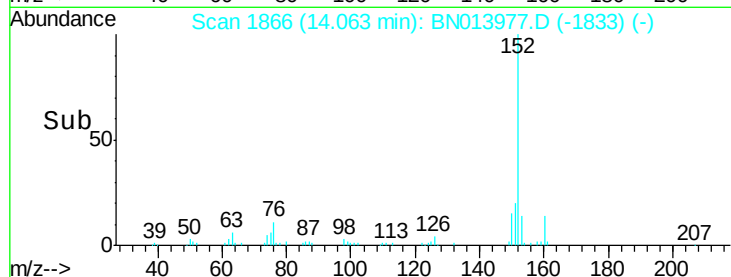
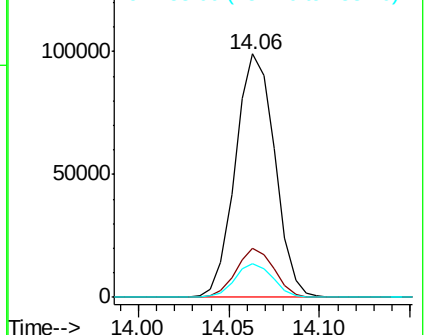
153 13.6 10.7 16.1



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



#51

3-Nitroaniline

Concen: 3.385 ng/ul

RT: 14.25 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

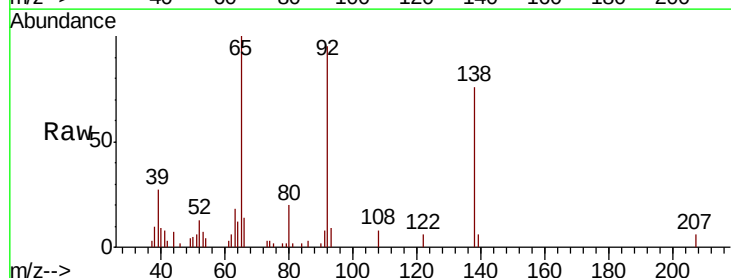
Tgt Ion:138 Resp: 17853

Ion Ratio Lower Upper

138 100

108 10.1 9.1 13.7

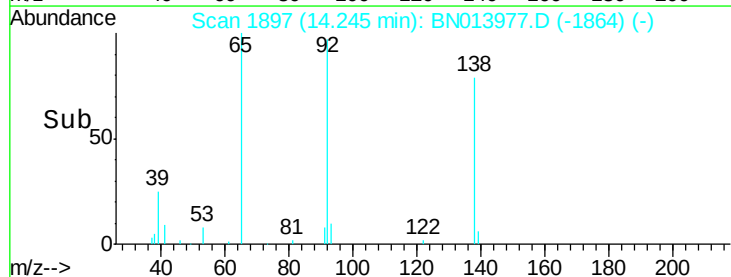
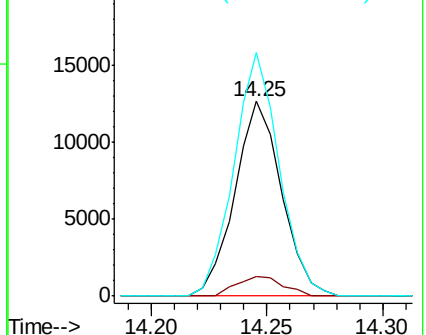
92 125.0 99.1 148.7

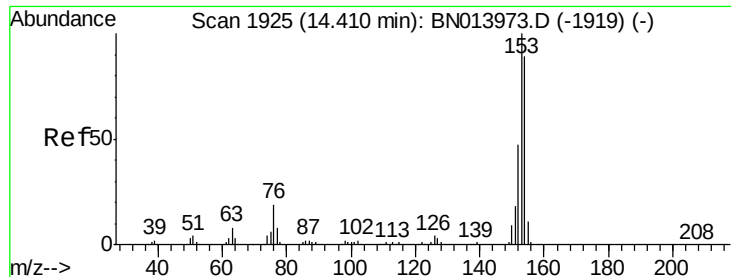


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNO





#52

Acenaphthene

Concen: 4.797 ng/ul

RT: 14.41 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-04

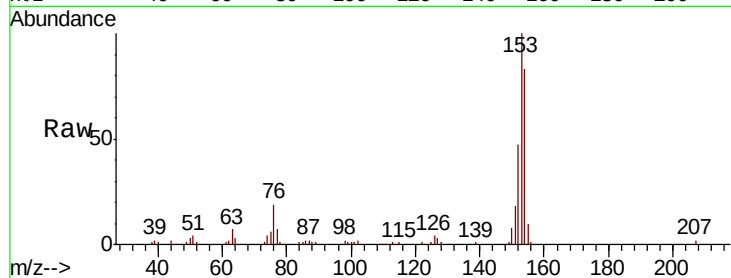
Tot Ion:153 Resp: 108718

Ion Ratio Lower Upper

153 100

152 47.2 38.6 57.8

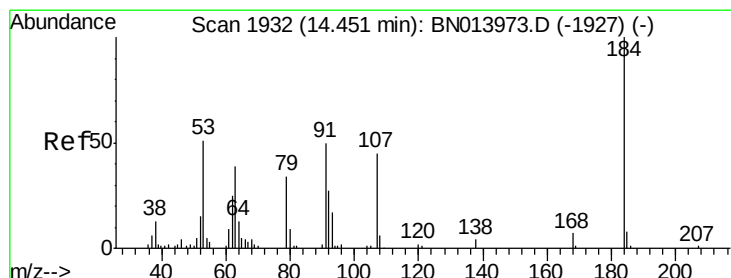
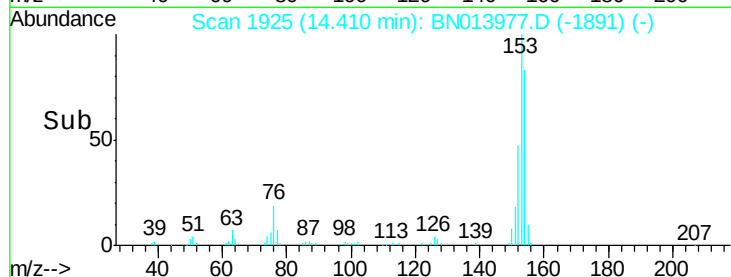
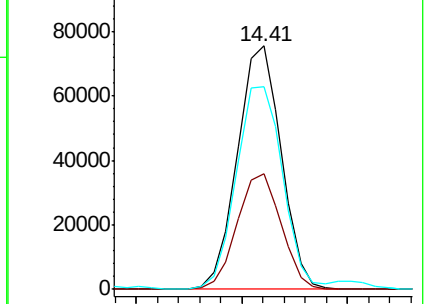
154 83.4 70.3 105.5



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



#53

2,4-Dinitrophenol

Concen: 2.606 ng/ul

RT: 14.45 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

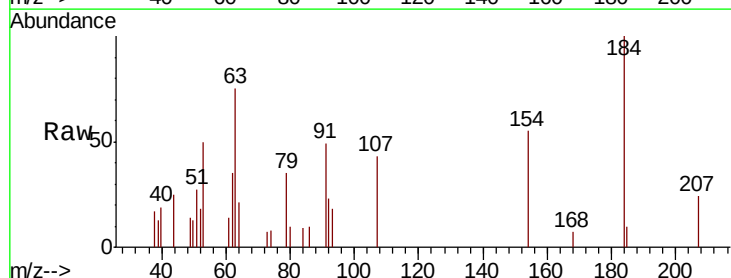
Tgt Ion:184 Resp: 6373

Ion Ratio Lower Upper

184 100

63 74.9 52.1 78.1

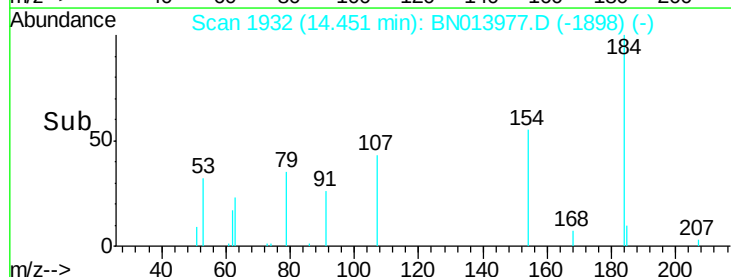
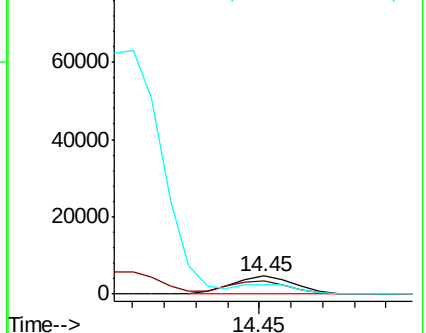
154 55.4 51.4 77.2

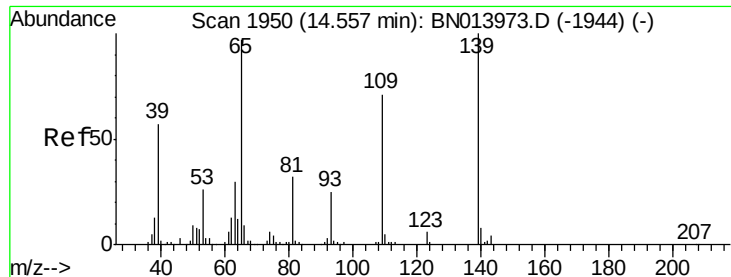


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 154.00 (153.70 to 154.70): E

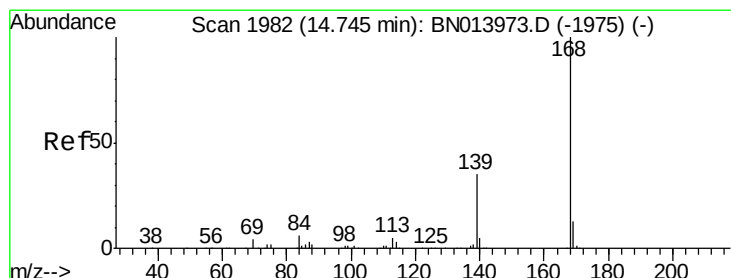
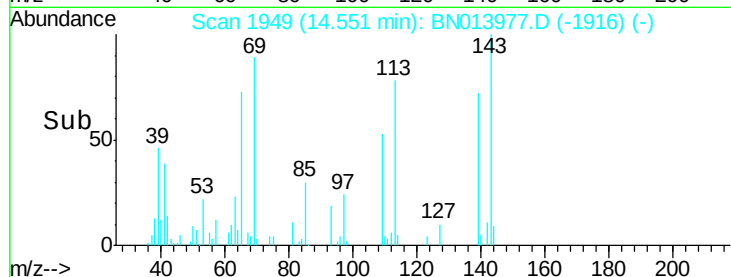
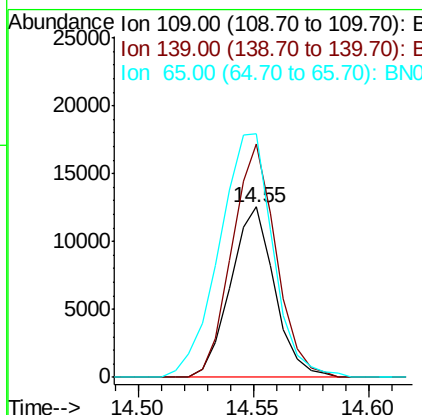
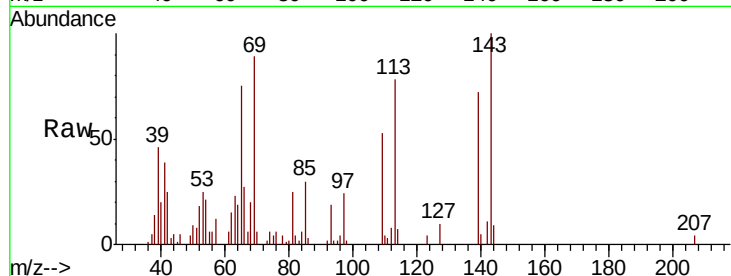




#55
4-Nitrophenol
Concen: 4.453 ng/ul
RT: 14.55 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BN013977.D
Acq: 18 Mar 2021 11:45

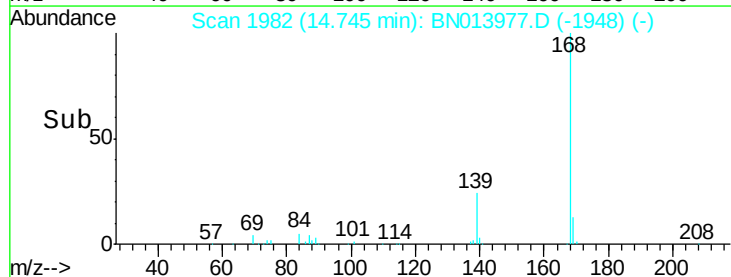
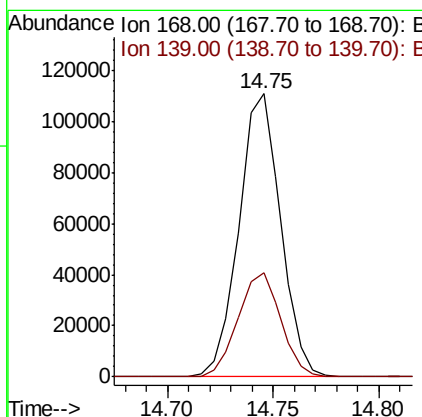
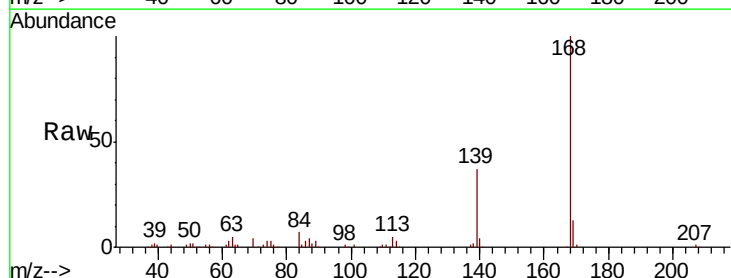
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2021-04

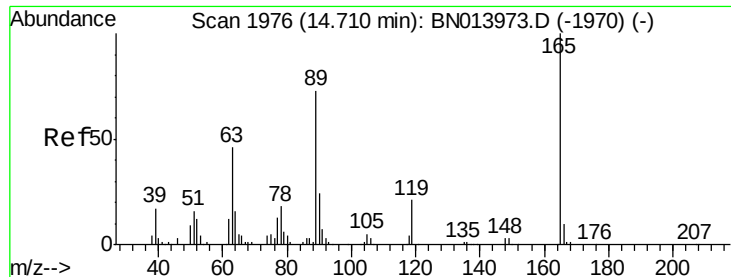
Tot Ion	Ratio	Lower	Upper
109	100		
139	137.1	107.1	160.7
65	142.8	107.1	160.7



#56
Dibenzofuran
Concen: 4.843 ng/ul
RT: 14.75 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BN013977.D
Acq: 18 Mar 2021 11:45

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.4	44.2

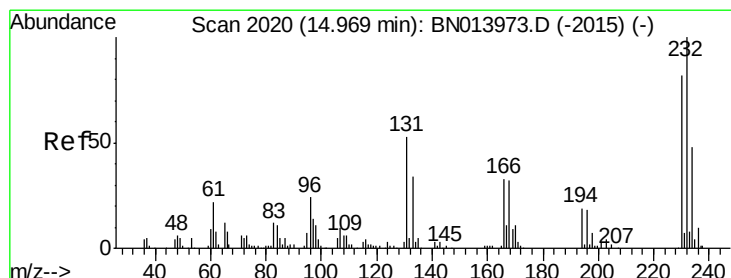
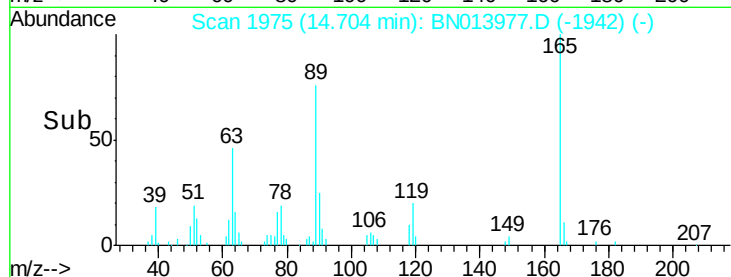
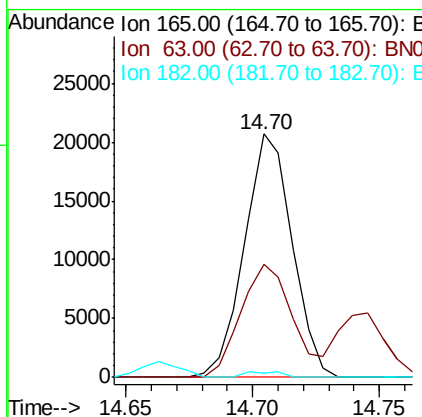
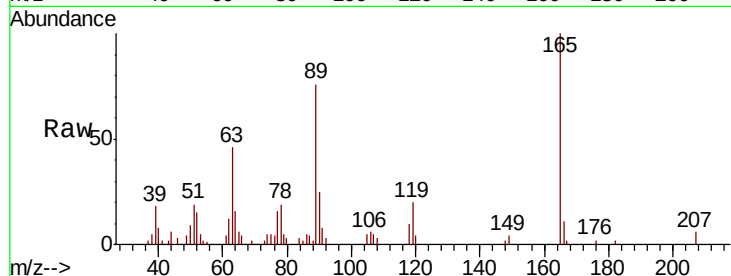




#57
 2,4-Dinitrotoluene
 Concen: 4.277 ng/ul
 RT: 14.70 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BN013977.D
 Acq: 18 Mar 2021 11:45

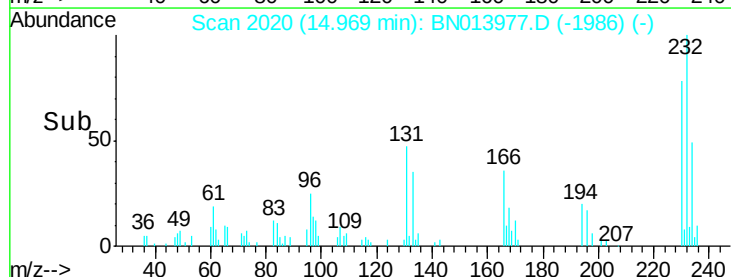
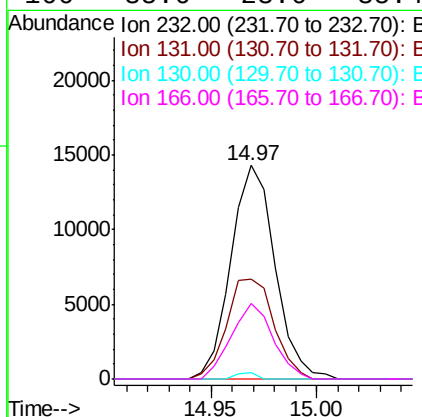
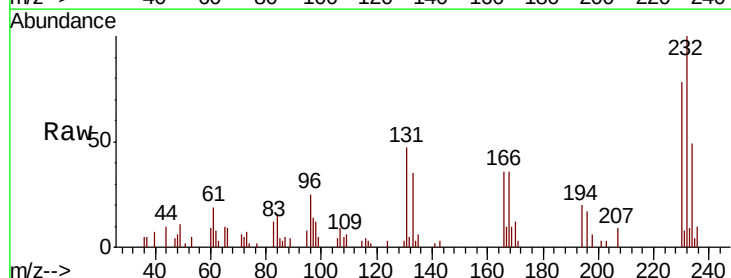
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT2-2021-04

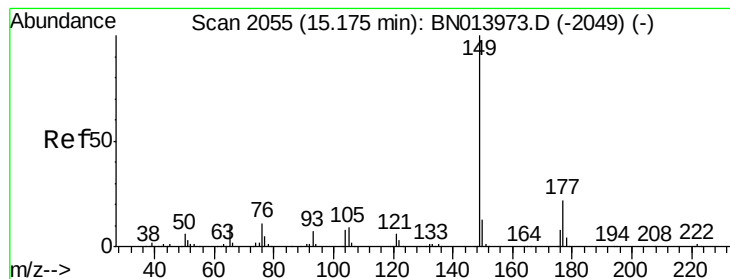
Tot Ion:165 Resp: 27115
 Ion Ratio Lower Upper
 165 100
 63 46.4 36.2 54.2
 182 1.7 1.9 2.9#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.968 ng/ul
 RT: 14.97 min Scan# 2020
 Delta R.T. -0.00 min
 Lab File: BN013977.D
 Acq: 18 Mar 2021 11:45

Tgt Ion:232 Resp: 20716
 Ion Ratio Lower Upper
 232 100
 131 47.0 35.6 53.4
 130 3.0 2.3 3.5
 166 35.6 23.6 35.4#





#59

Diethylphthalate

Concen: 4.425 ng/ul

RT: 15.17 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-04

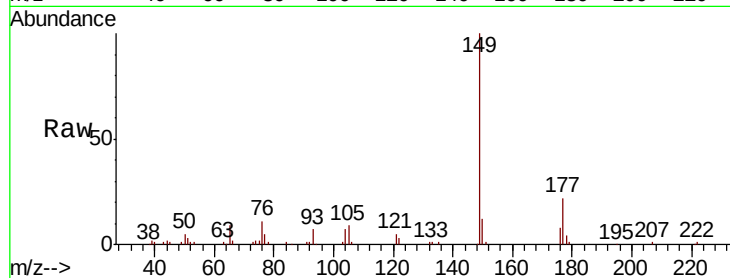
Tot Ion:149 Resp: 107646

Ion Ratio Lower Upper

149 100

177 22.1 17.0 25.6

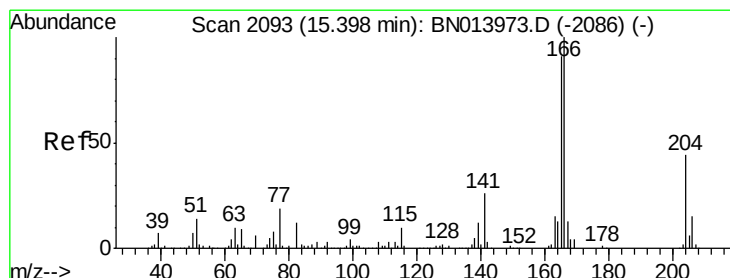
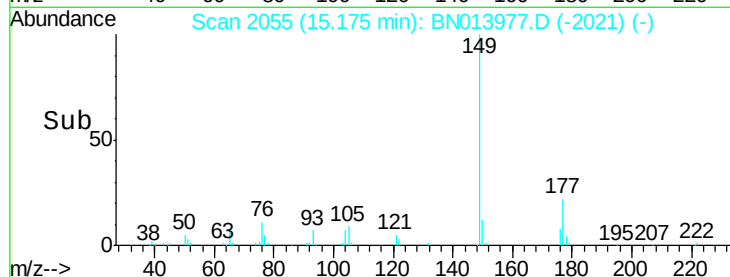
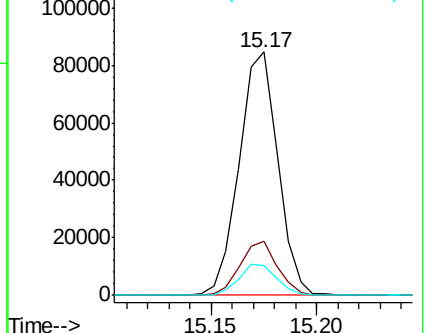
150 12.3 10.1 15.1



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



#61

Fluorene

Concen: 4.934 ng/ul

RT: 15.39 min Scan# 2092

Delta R.T. -0.01 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

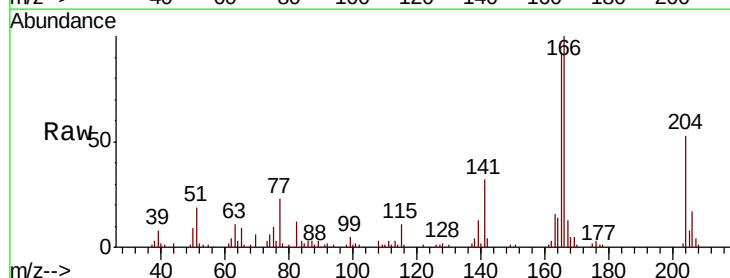
Tgt Ion:166 Resp: 124808

Ion Ratio Lower Upper

166 100

165 92.4 76.9 115.3

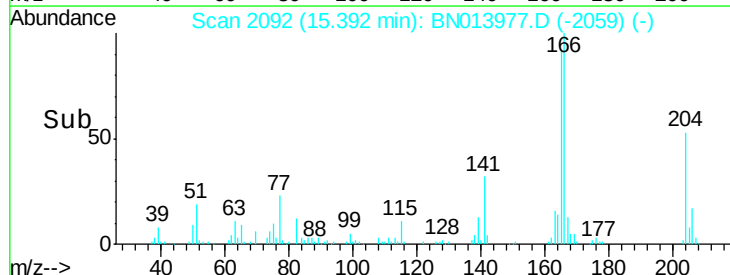
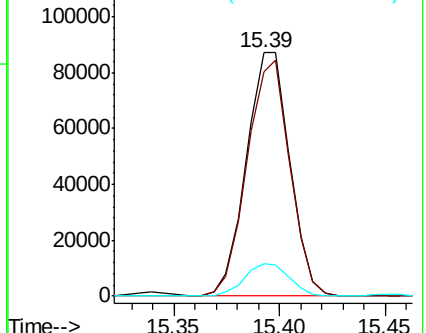
167 13.3 10.3 15.5

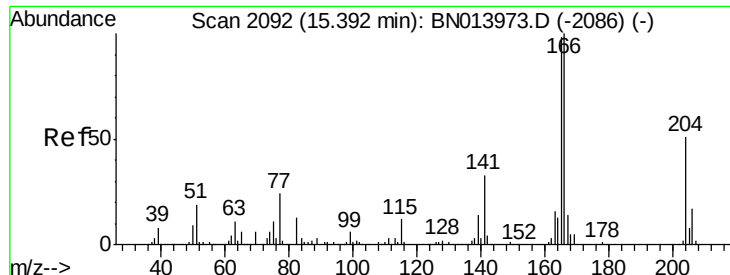


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#62

4-Chlorophenyl-phenylether

Concen: 4.901 ng/ul

RT: 15.39 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-04

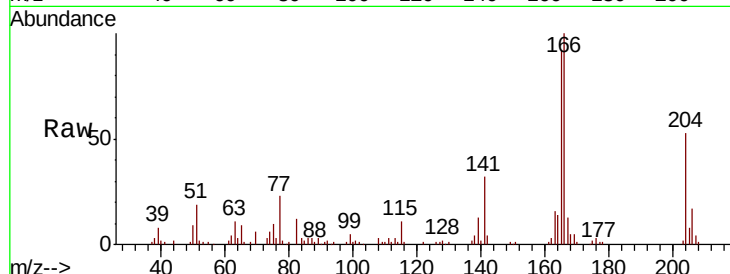
Tot Ion:204 Resp: 59829

Ion Ratio Lower Upper

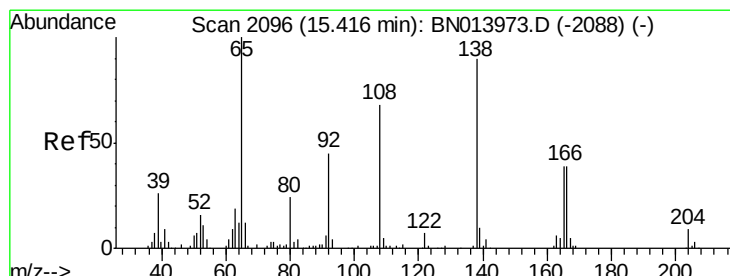
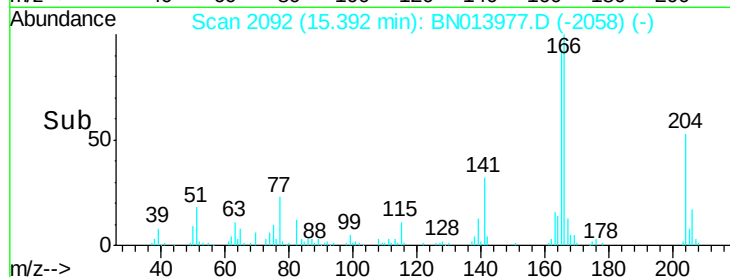
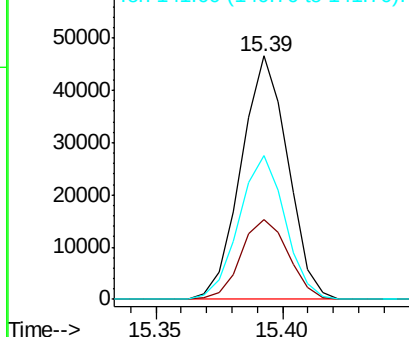
204 100

206 32.6 28.6 43.0

141 59.0 49.0 73.6



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



#63

4-Nitroaniline

Concen: 3.676 ng/ul

RT: 15.41 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

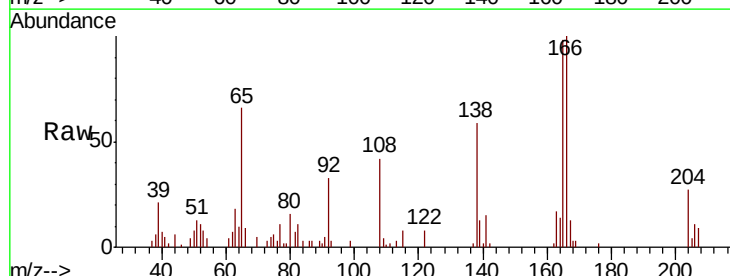
Tgt Ion:138 Resp: 19199

Ion Ratio Lower Upper

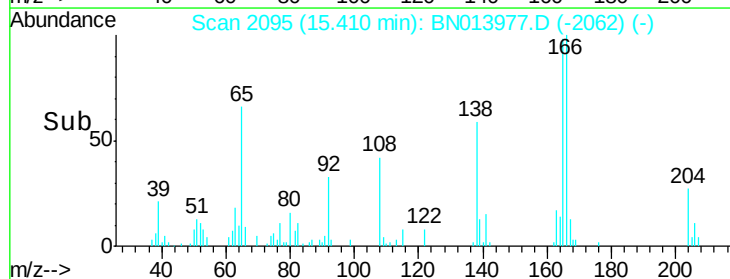
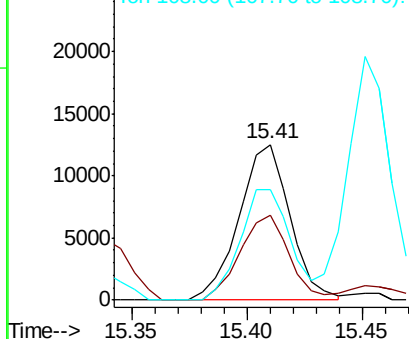
138 100

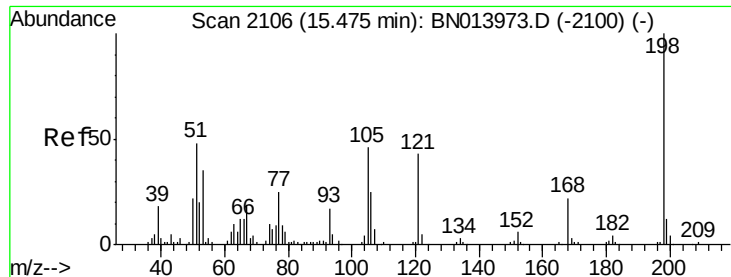
92 54.8 41.8 62.6

108 71.2 62.1 93.1



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

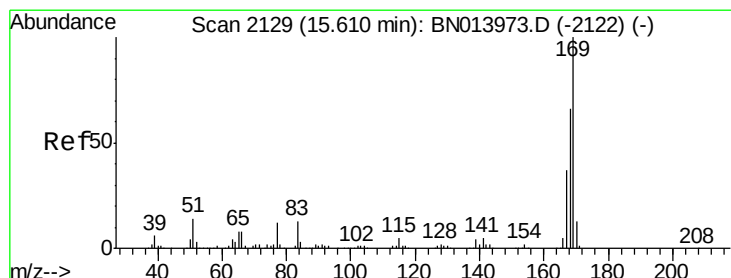
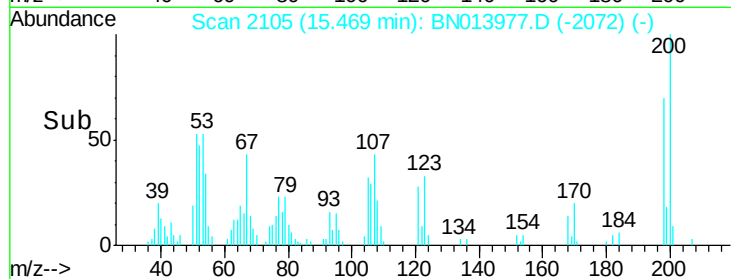
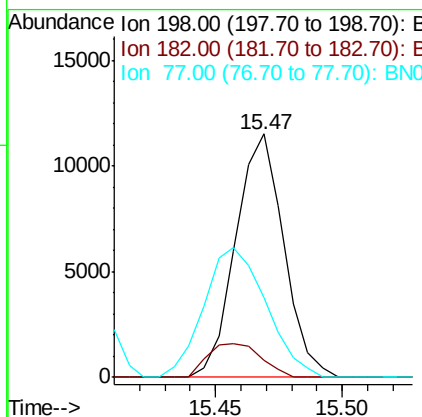
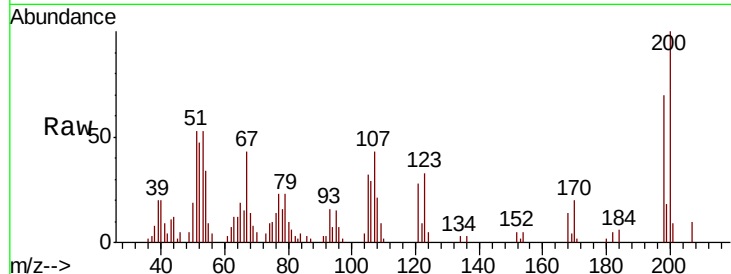




#66
 4,6-Dinitro-2-methylphenol
 Concen: 4.076 ng/ul
 RT: 15.47 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BN013977.D
 Acq: 18 Mar 2021 11:45

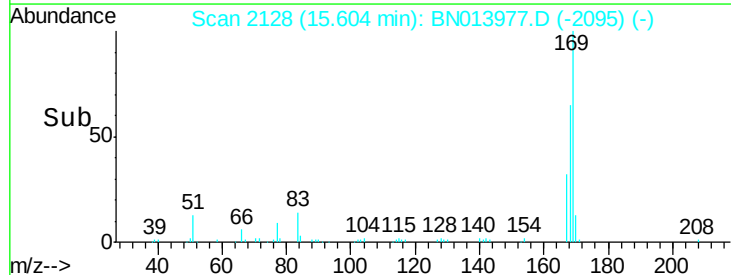
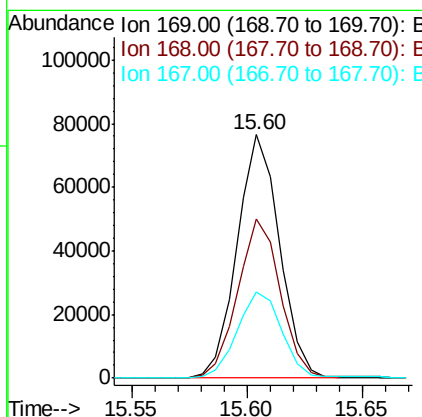
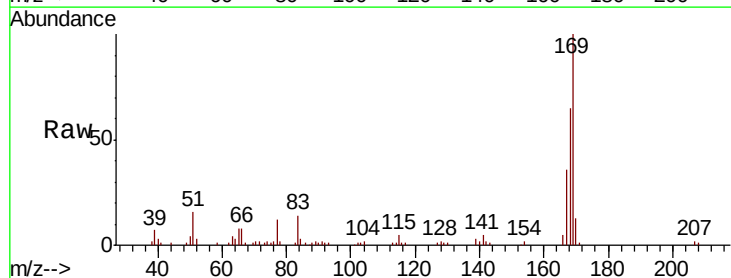
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT2-2021-04

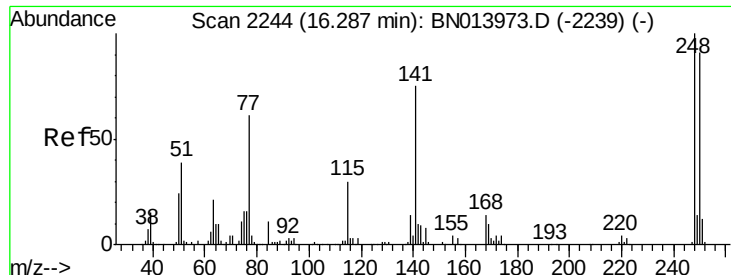
Tot Ion:198 Resp: 15237
 Ion Ratio Lower Upper
 198 100
 182 7.0 4.6 7.0#
 77 32.5 24.4 36.6



#67
 N-Nitrosodiphenylamine
 Concen: 4.557 ng/ul
 RT: 15.60 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BN013977.D
 Acq: 18 Mar 2021 11:45

Tgt Ion:169 Resp: 98240
 Ion Ratio Lower Upper
 169 100
 168 65.4 53.8 80.6
 167 35.6 28.4 42.6

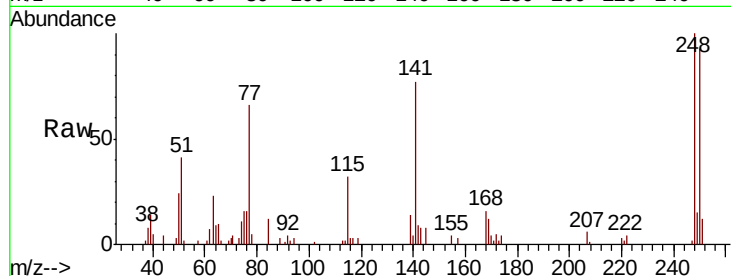




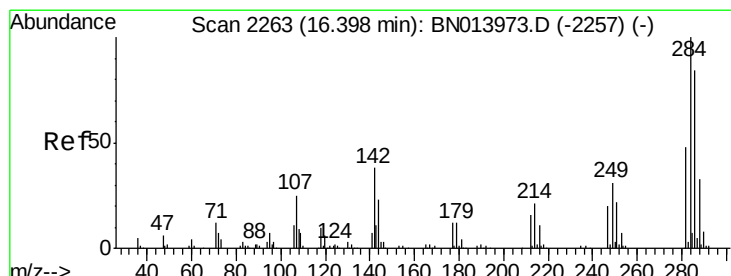
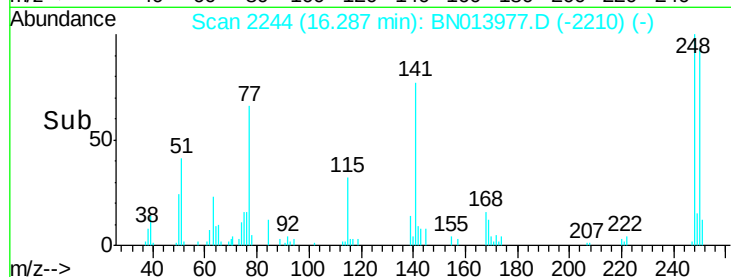
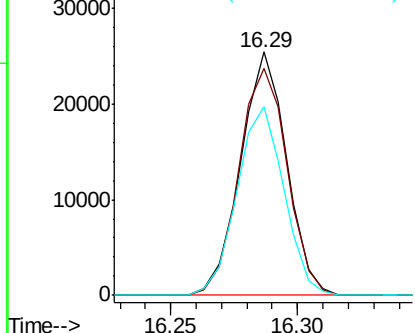
#68
4-Bromophenyl-phenylether
Concen: 4.430 ng/ul
RT: 16.29 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BN013977.D
Acq: 18 Mar 2021 11:45

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2021-04

Tot Ion:248 Resp: 32070
Ion Ratio Lower Upper
248 100
250 93.2 76.5 114.7
141 77.2 62.9 94.3

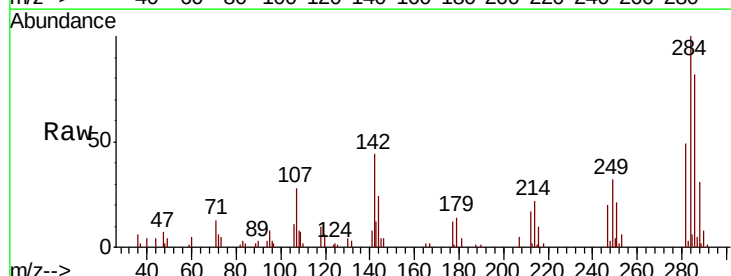


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

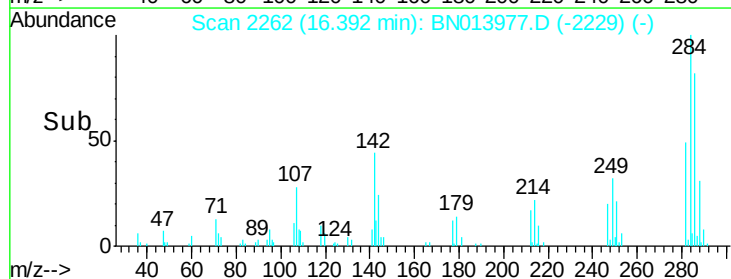
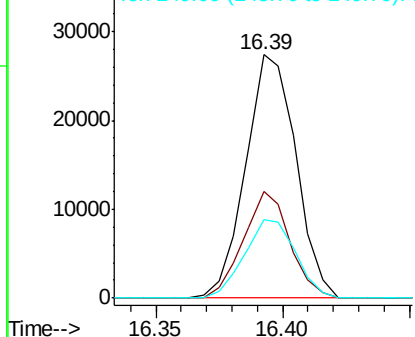


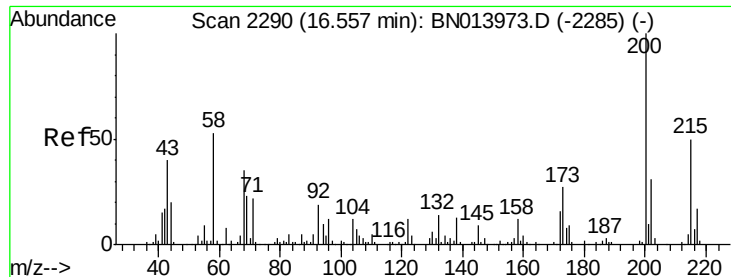
#69
Hexachlorobenzene
Concen: 4.516 ng/ul
RT: 16.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BN013977.D
Acq: 18 Mar 2021 11:45

Tgt Ion:284 Resp: 37888
Ion Ratio Lower Upper
284 100
142 43.8 31.7 47.5
249 32.5 26.1 39.1



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

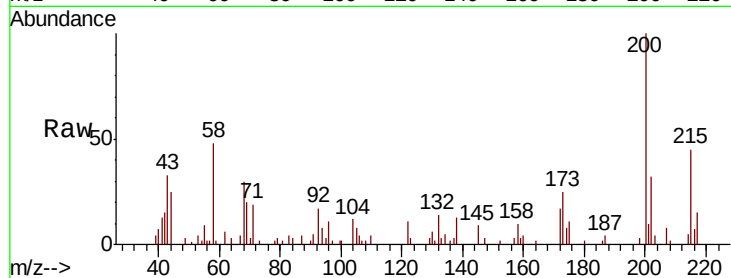




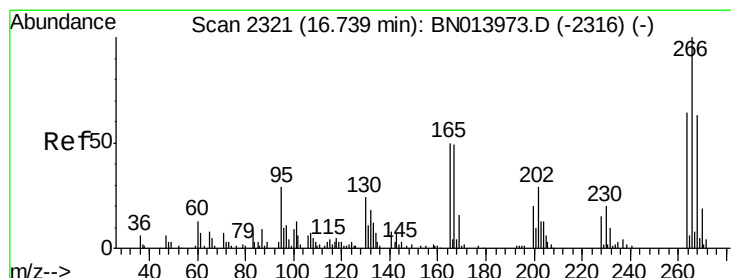
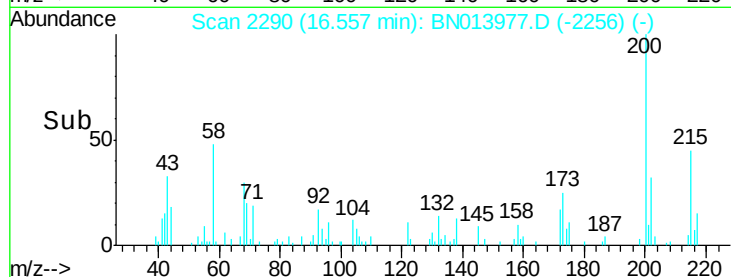
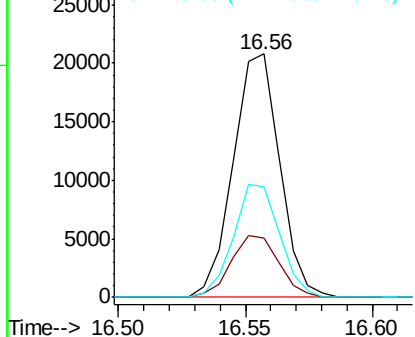
#70
Atrazine
Concen: 3.656 ng/ul
RT: 16.56 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BN013977.D
Acq: 18 Mar 2021 11:45

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2021-04

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.6	21.1	31.7
215	45.3	38.2	57.2

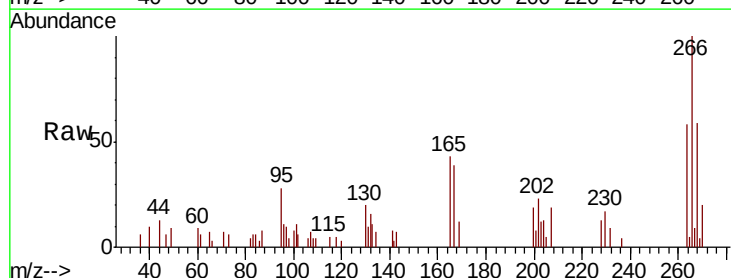


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

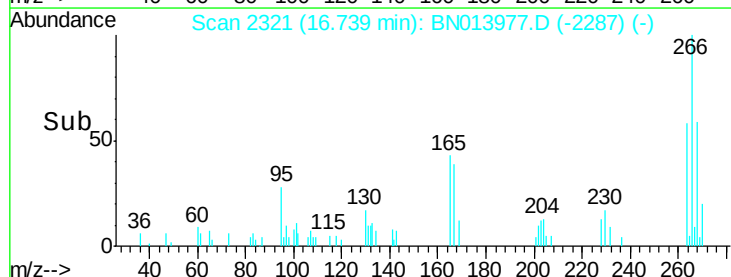
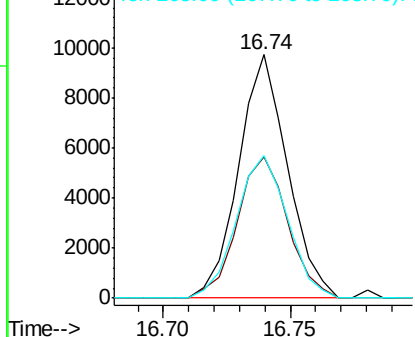


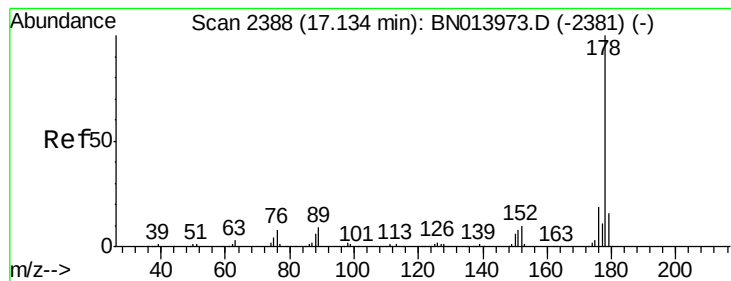
#71
Pentachlorophenol
Concen: 2.894 ng/ul
RT: 16.74 min Scan# 2321
Delta R.T. -0.00 min
Lab File: BN013977.D
Acq: 18 Mar 2021 11:45

Tgt Ion	Ratio	Lower	Upper
266	100		
264	57.9	50.1	75.1
268	58.8	52.7	79.1



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





#72

Phenanthrene

Concen: 4.779 ng/ul

RT: 17.13 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-04

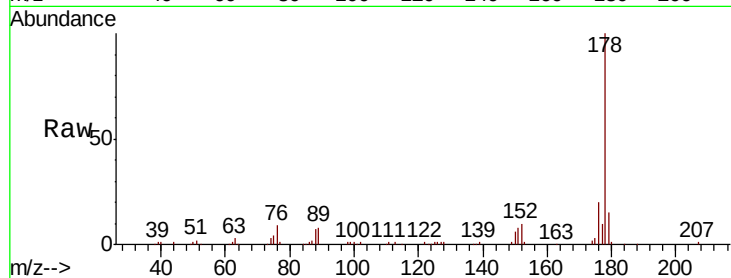
Tot Ion:178 Resp: 192925

Ion Ratio Lower Upper

178 100

179 14.9 11.9 17.9

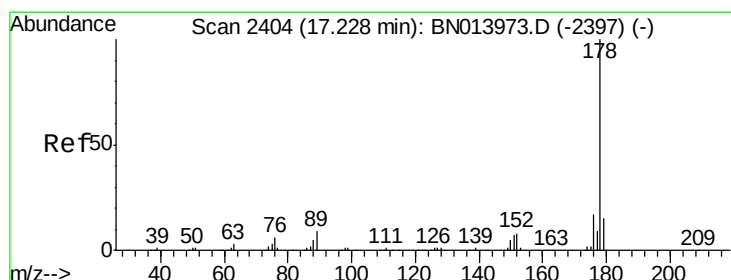
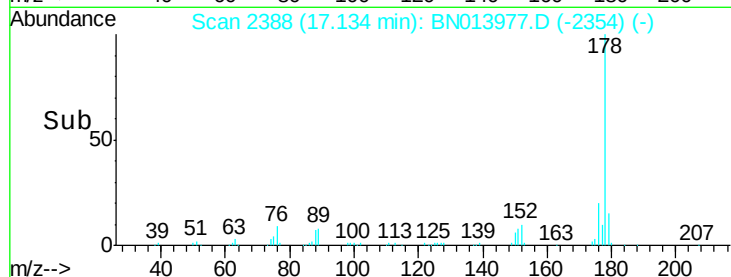
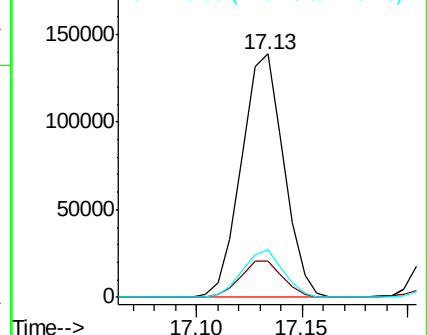
176 19.9 15.0 22.4



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



#74

Anthracene

Concen: 4.756 ng/ul

RT: 17.22 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

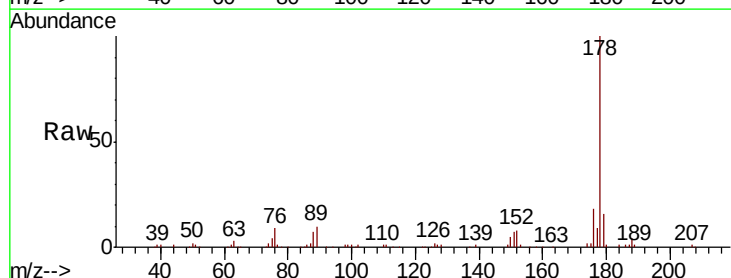
Tgt Ion:178 Resp: 196215

Ion Ratio Lower Upper

178 100

179 15.8 11.8 17.6

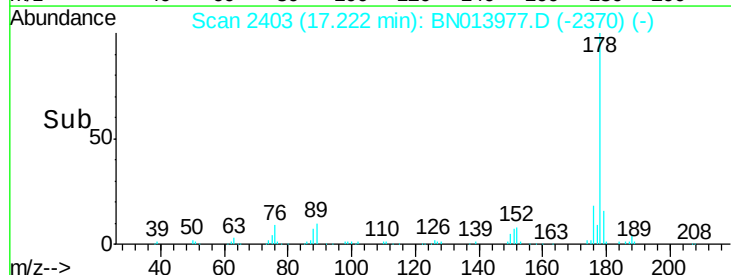
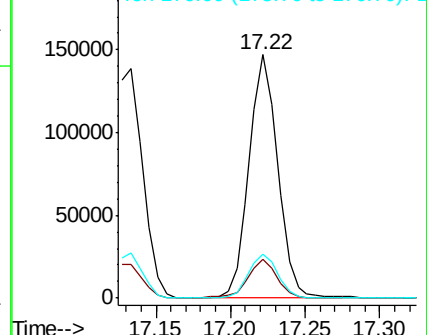
176 18.1 14.2 21.2

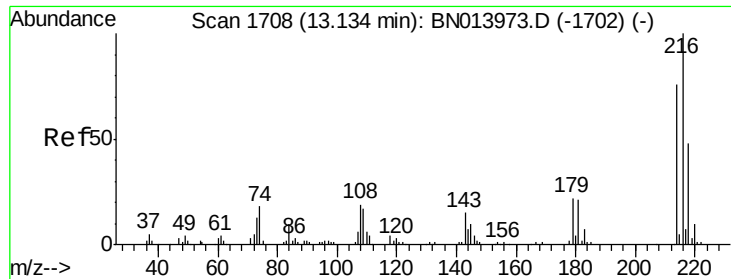


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

1,2,3,4-Tetrachlorobenzene

Concen: 4.524 ng/uL

RT: 13.13 min Scan# 1708

Delta R.T. -0.00 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-04

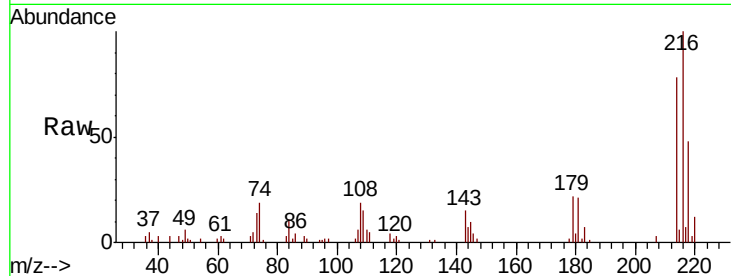
Tot Ion:216 Resp: 49935

Ion Ratio Lower Upper

216 100

214 78.0 62.3 93.5

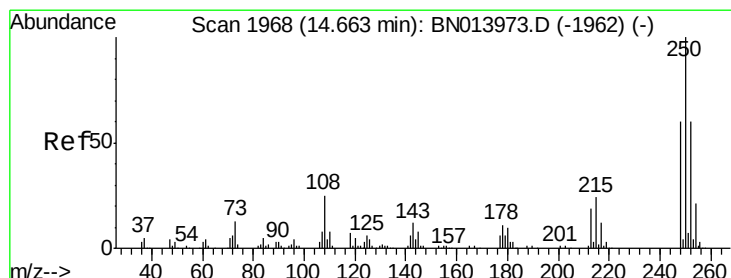
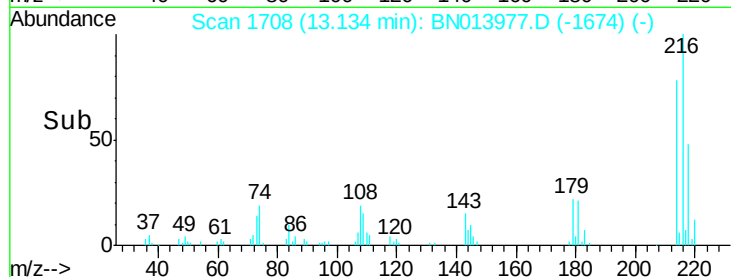
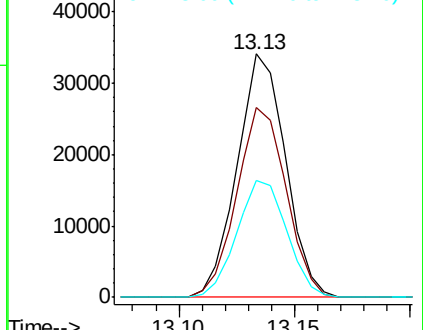
218 48.1 40.2 60.2



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



#76

Pentachlorobenzene

Concen: 4.167 ng/uL

RT: 14.66 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

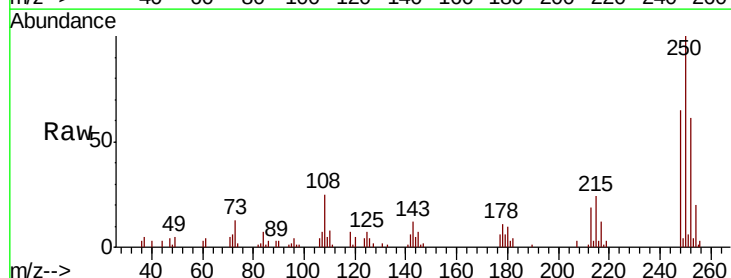
Tgt Ion:250 Resp: 45903

Ion Ratio Lower Upper

250 100

248 64.9 50.6 76.0

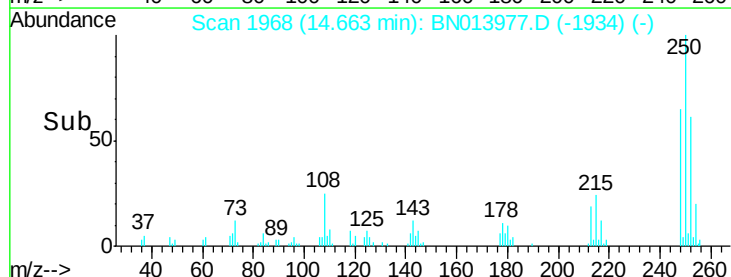
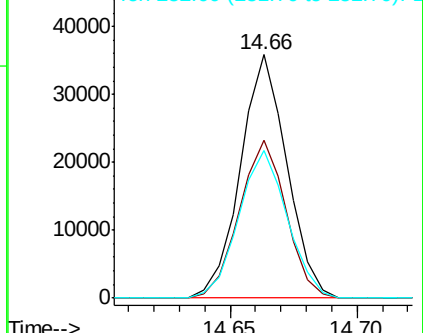
252 60.5 51.4 77.2

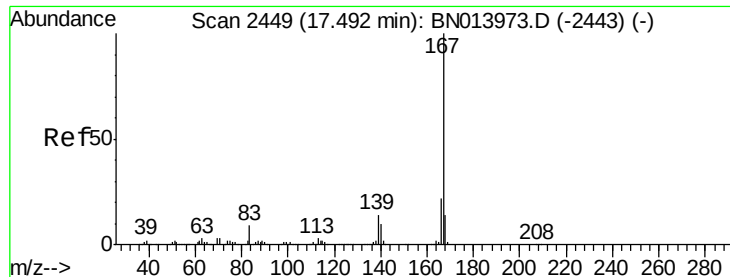


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#77

Carbazole

Concen: 4.349 ng/ul

RT: 17.49 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-04

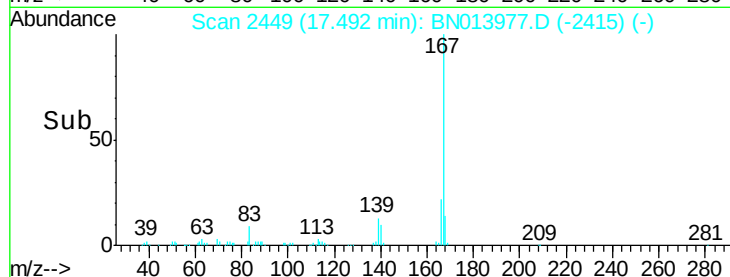
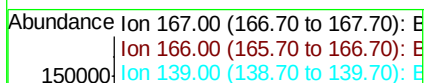
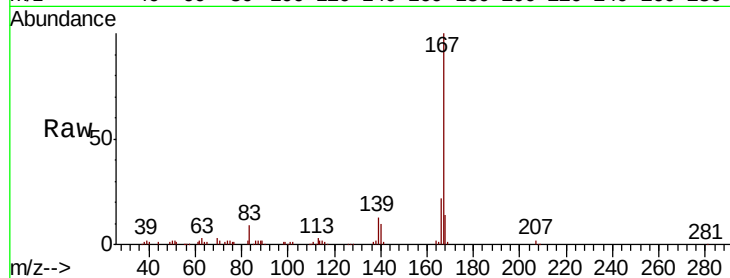
Tot Ion:167 Resp: 159380

Ion Ratio Lower Upper

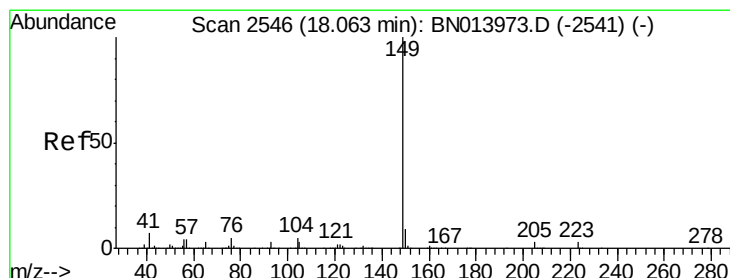
167 100

166 22.2 17.2 25.8

139 12.6 10.1 15.1



Time-->



#78

Di-n-butylphthalate

Concen: 3.834 ng/ul

RT: 18.06 min Scan# 2546

Delta R.T. -0.00 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

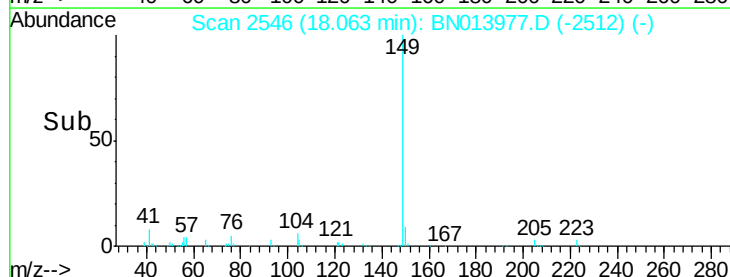
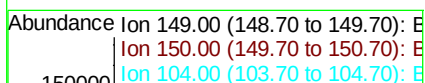
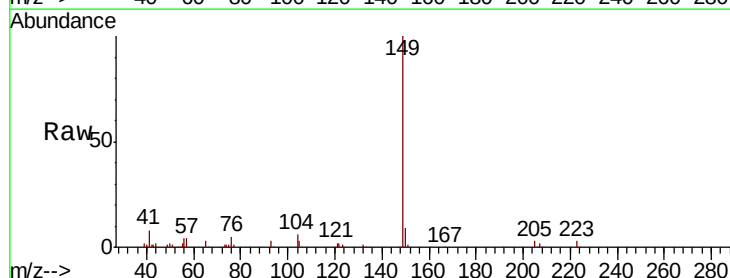
Tgt Ion:149 Resp: 145029

Ion Ratio Lower Upper

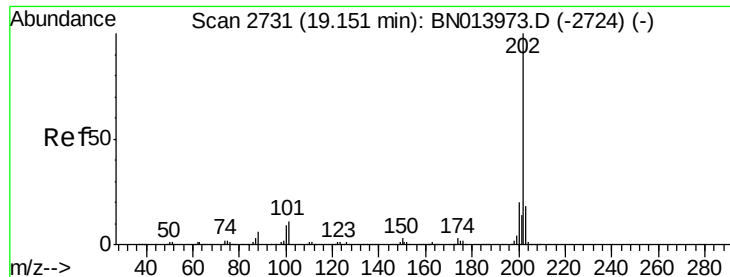
149 100

150 9.2 7.4 11.0

104 5.7 4.4 6.6



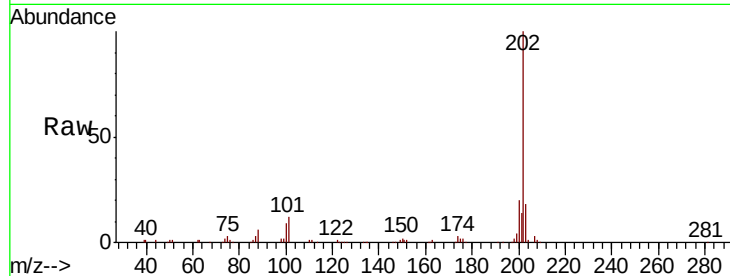
Time-->



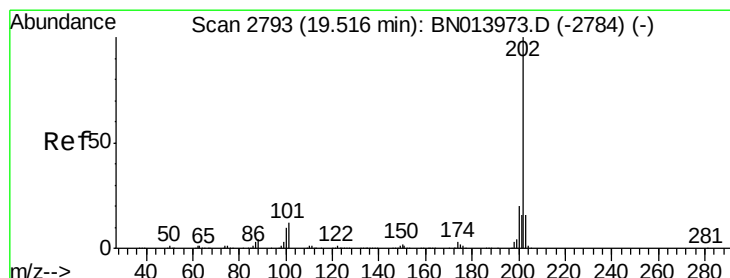
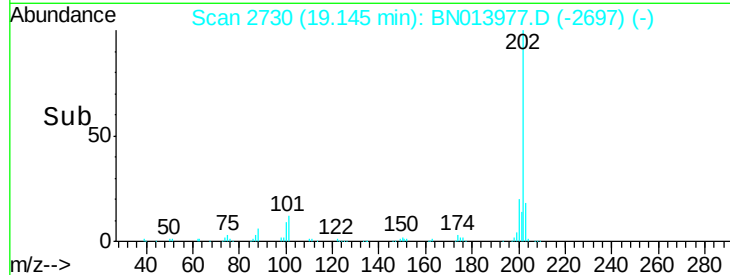
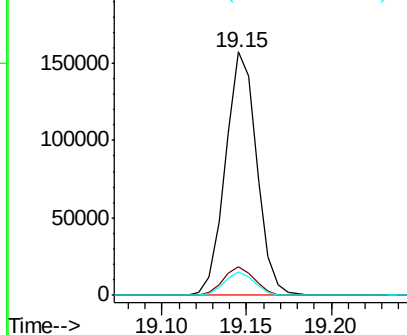
#80
Fluoranthene
Concen: 4.504 ng/ul
RT: 19.15 min Scan# 2730
Delta R.T. -0.01 min
Lab File: BN013977.D
Acq: 18 Mar 2021 11:45

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2021-04

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.0	13.6
100	9.4	7.5	11.3

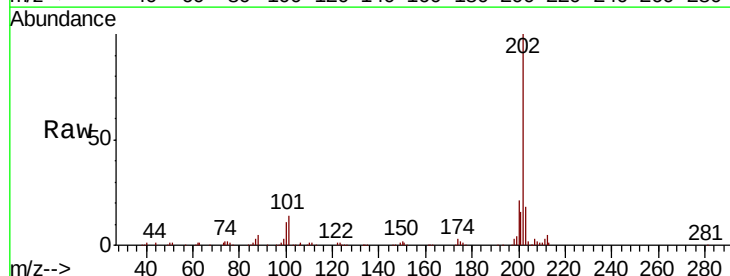


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

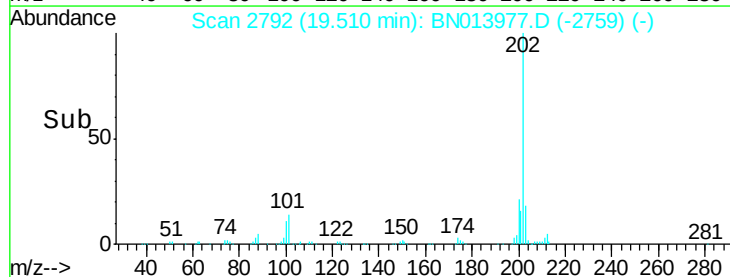
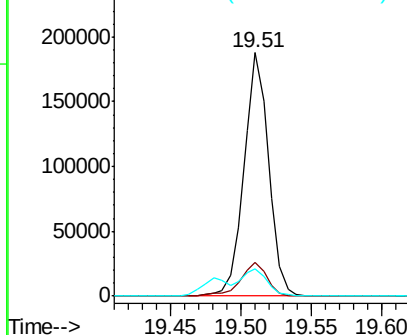


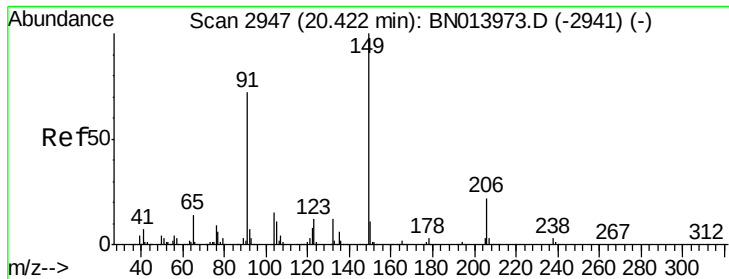
#82
Pyrene
Concen: 4.755 ng/ul
RT: 19.51 min Scan# 2792
Delta R.T. -0.01 min
Lab File: BN013977.D
Acq: 18 Mar 2021 11:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.4	15.6
100	11.4	8.8	13.2



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

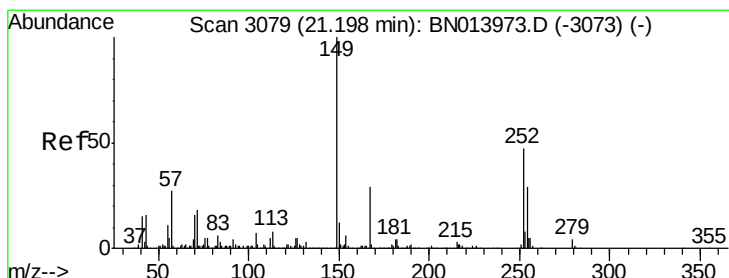
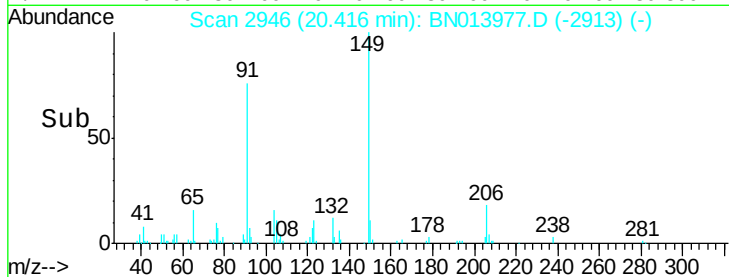
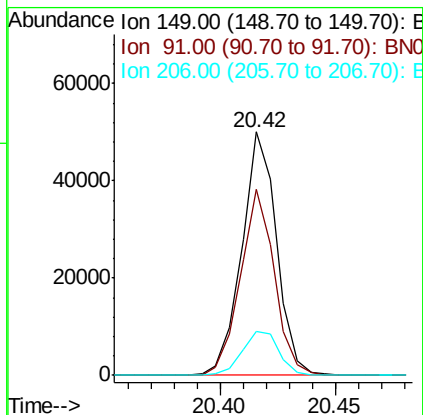
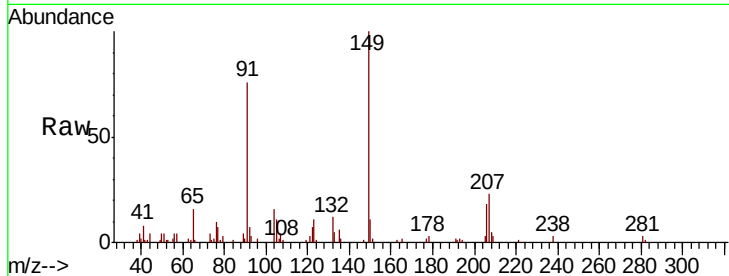




#83
Butylbenzylphthalate
Concen: 3.432 ng/ul
RT: 20.42 min Scan# 2946
Delta R.T. -0.01 min
Lab File: BN013977.D
Acq: 18 Mar 2021 11:45

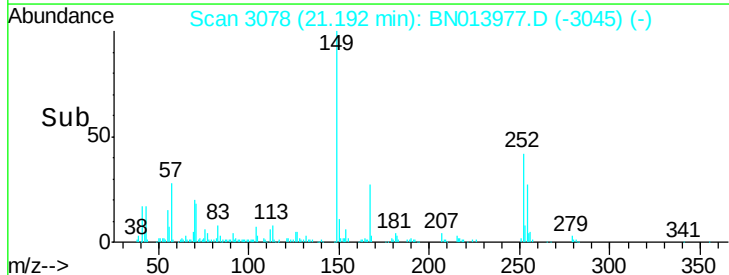
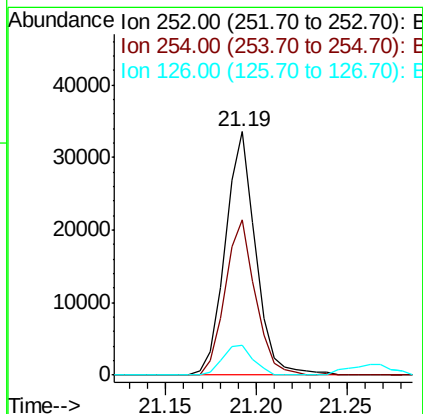
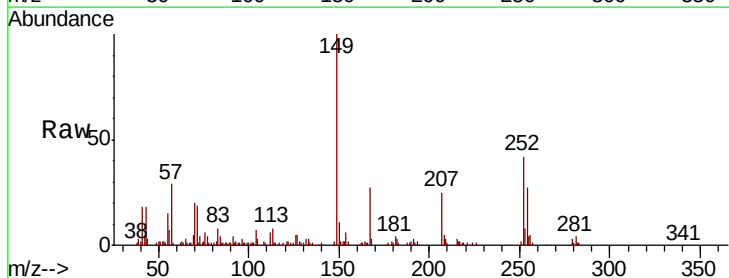
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2021-04

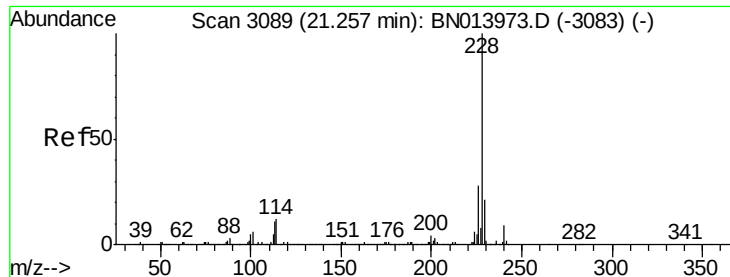
Tot Ion:149 Resp: 52636
Ion Ratio Lower Upper
149 100
91 76.1 62.4 93.6
206 18.0 15.3 22.9



#84
3,3'-Dichlorobenzidine
Concen: 3.115 ng/ul
RT: 21.19 min Scan# 3078
Delta R.T. -0.01 min
Lab File: BN013977.D
Acq: 18 Mar 2021 11:45

Tgt Ion:252 Resp: 39138
Ion Ratio Lower Upper
252 100
254 63.8 49.4 74.0
126 12.1 9.4 14.0





#85

Benzo(a)anthracene

Concen: 4.608 ng/ul

RT: 21.26 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

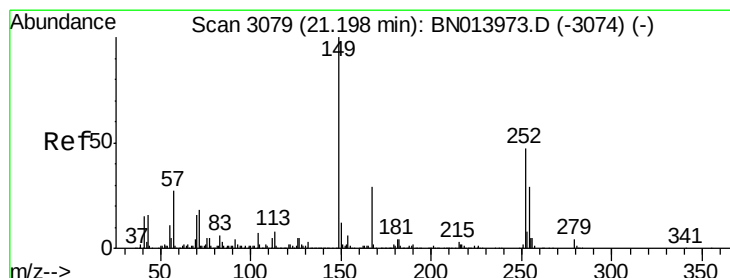
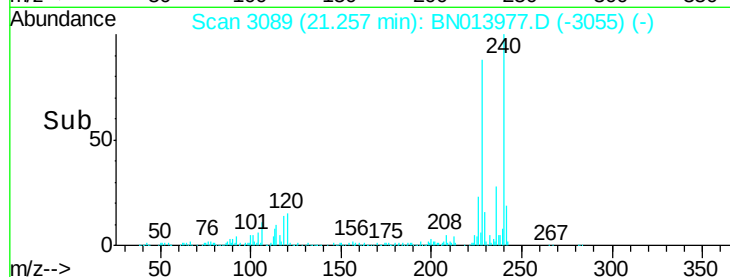
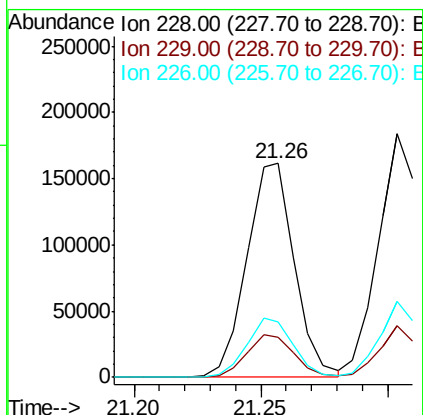
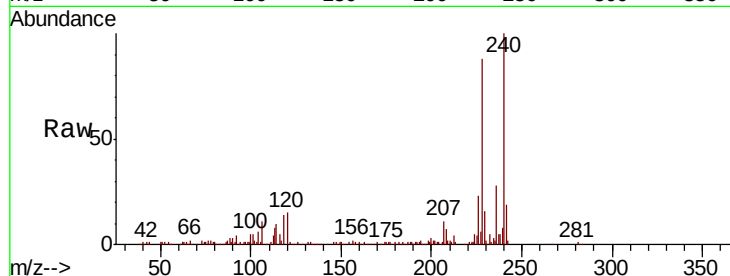
Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-04

Tot Ion:228	Resp:	211222
Ion Ratio	Lower	Upper
228	100	
229	18.6	14.6 22.0
226	25.7	21.0 31.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.442 ng/ul

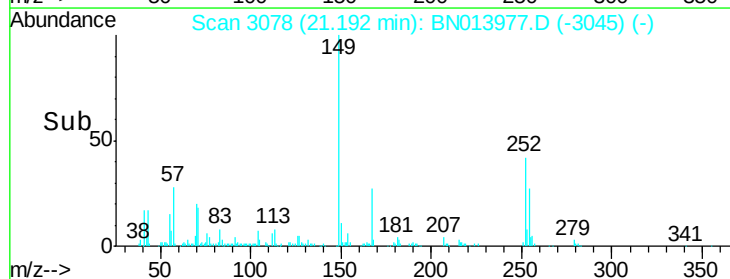
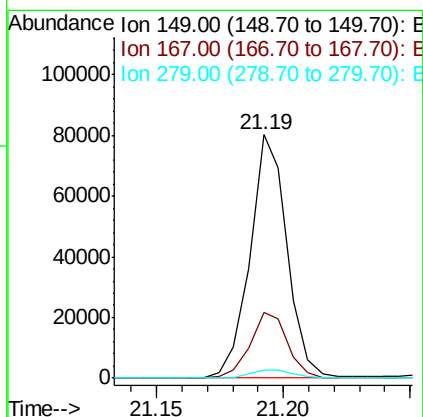
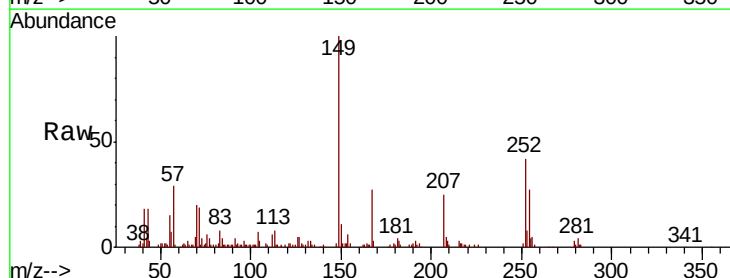
RT: 21.19 min Scan# 3078

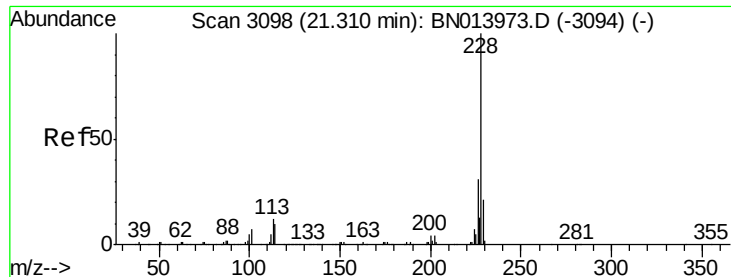
Delta R.T. -0.01 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

Tgt Ion:149	Resp:	81598
Ion Ratio	Lower	Upper
149	100	
167	26.8	21.4 32.0
279	3.1	3.0 4.4





#87

Chrysene

Concen: 4.873 ng/ul

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-04

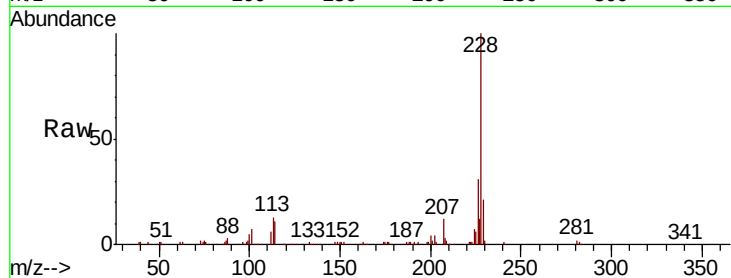
Tot Ion:228 Resp: 219254

Ion Ratio Lower Upper

228 100

226 31.2 23.8 35.6

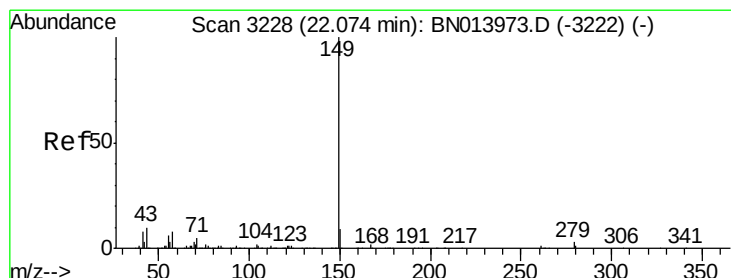
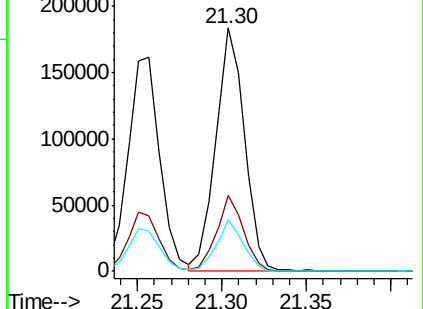
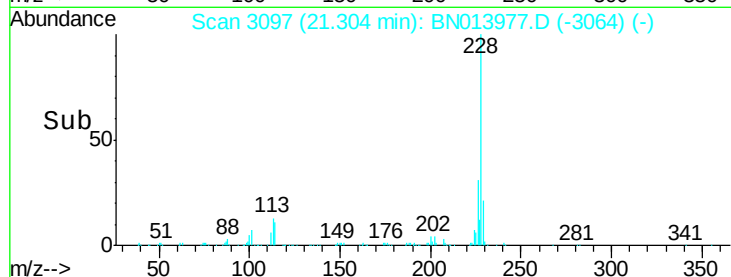
229 21.3 15.0 22.6



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



#89

Di-n-octyl phthalate

Concen: 2.921 ng/ul

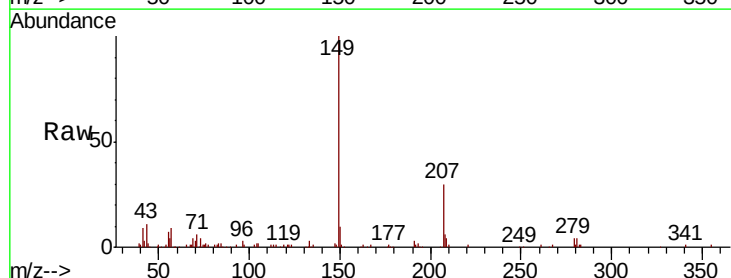
RT: 22.07 min Scan# 3227

Delta R.T. -0.01 min

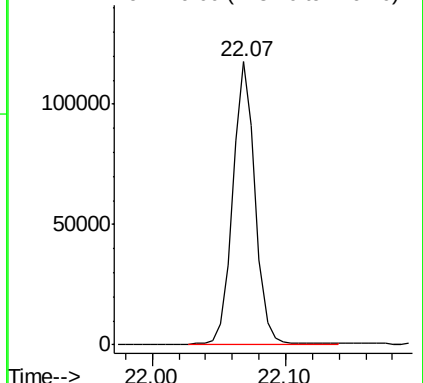
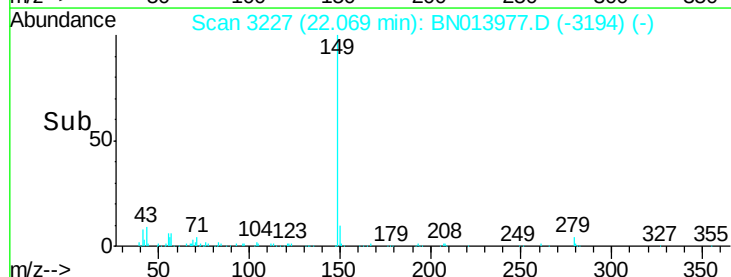
Lab File: BN013977.D

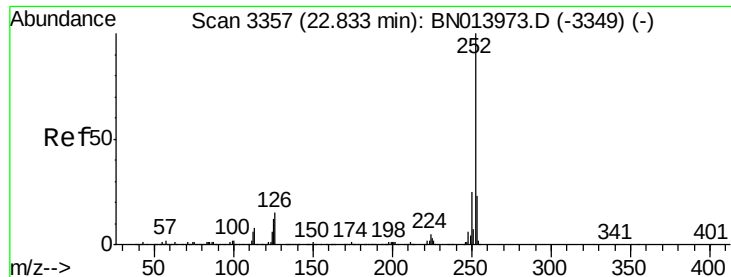
Acq: 18 Mar 2021 11:45

Tgt Ion:149 Resp: 135966



Abundance Ion 149.00 (148.70 to 149.70): E





#90

Benzo(b)fluoranthene

Concen: 4.736 ng/ul

RT: 22.83 min Scan# 3356

Delta R.T. -0.01 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-04

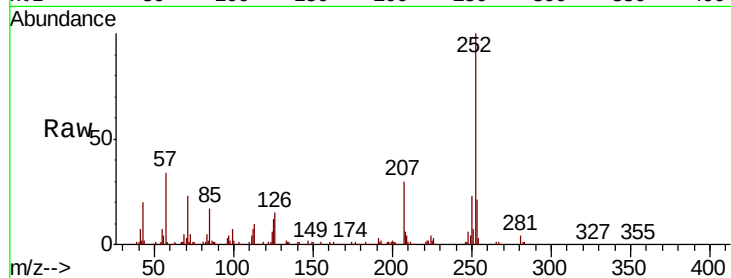
Tot Ion:252 Resp: 222619

Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.2

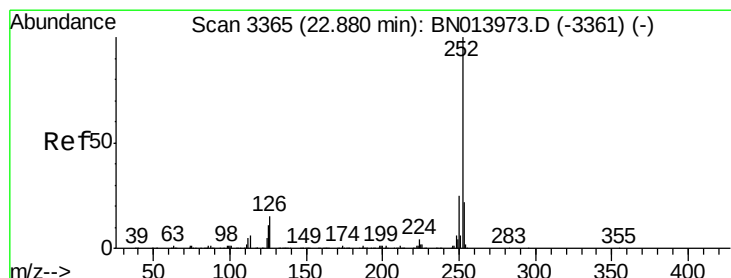
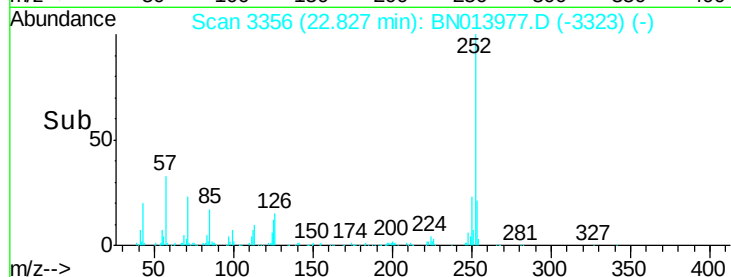
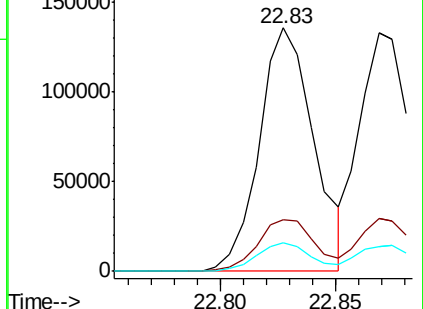
125 11.9 8.7 13.1



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(k)fluoranthene

Concen: 4.491 ng/ul

RT: 22.87 min Scan# 3363

Delta R.T. -0.01 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

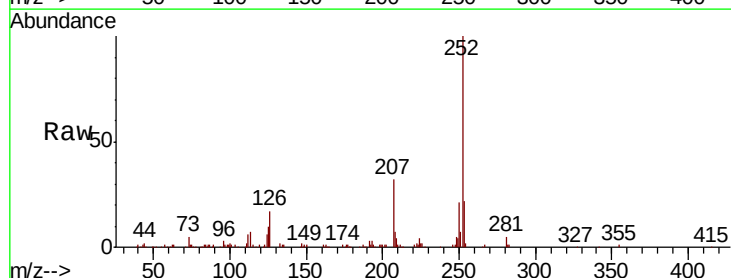
Tgt Ion:252 Resp: 211965

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

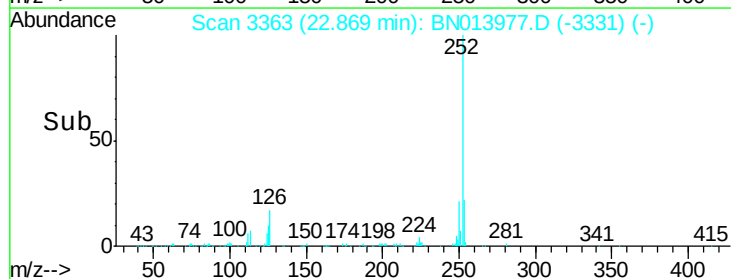
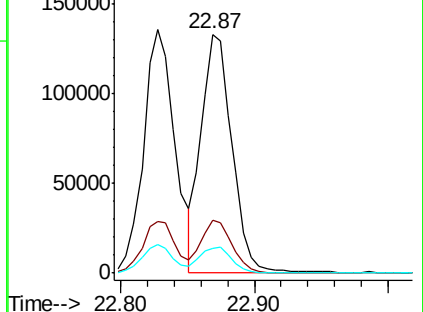
125 10.3 9.1 13.7

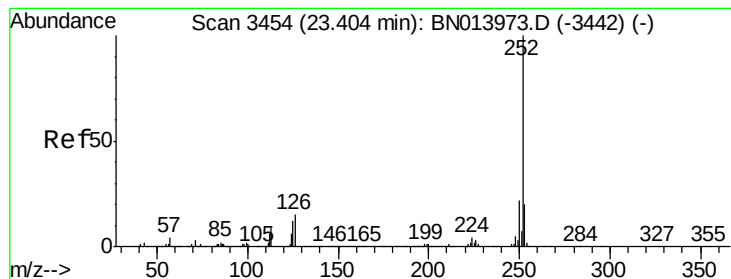


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#93

Benzo(a)pyrene

Concen: 4.891 ng/ul

RT: 23.40 min Scan# 3454

Delta R.T. -0.00 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-04

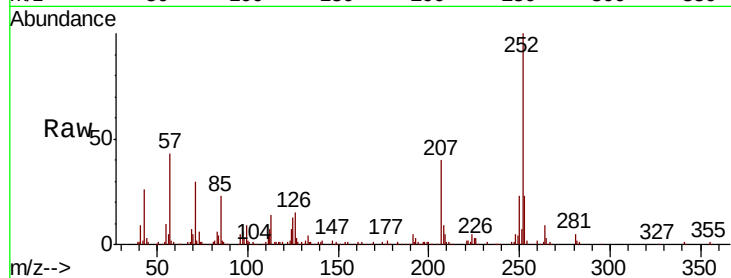
Tot Ion:252 Resp: 207034

Ion Ratio Lower Upper

252 100

253 23.2 15.6 23.4

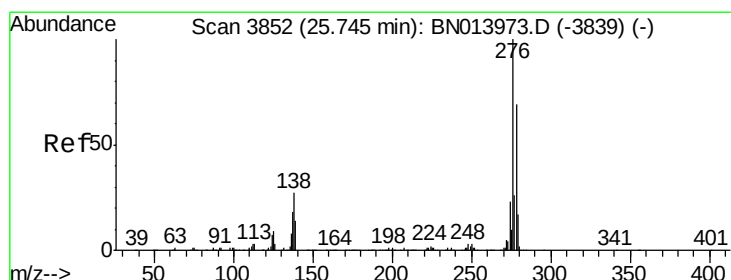
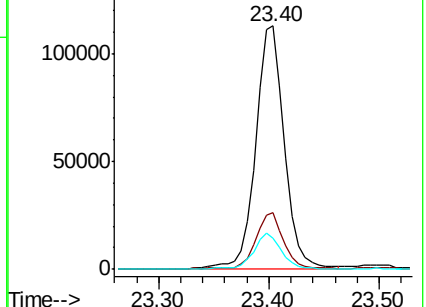
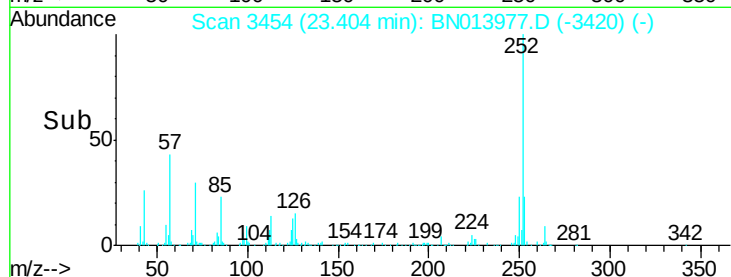
125 12.9 9.5 14.3



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



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.656 ng/ul

RT: 25.73 min Scan# 3850

Delta R.T. -0.01 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

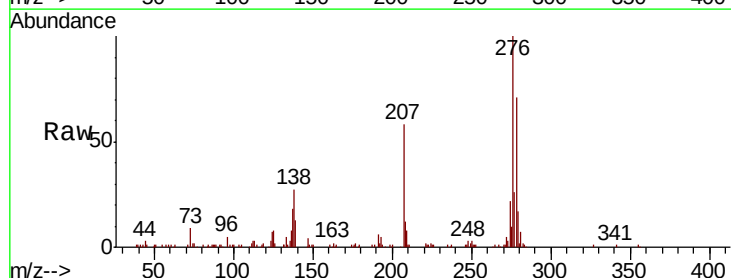
Tgt Ion:276 Resp: 248284

Ion Ratio Lower Upper

276 100

138 27.1 22.7 34.1

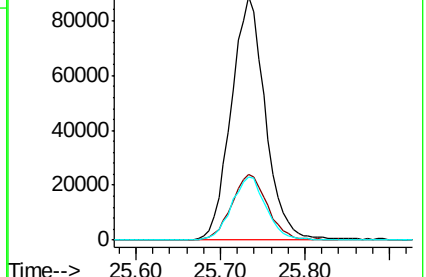
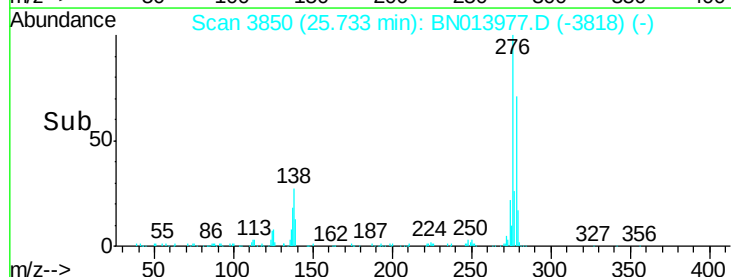
277 25.9 19.4 29.0

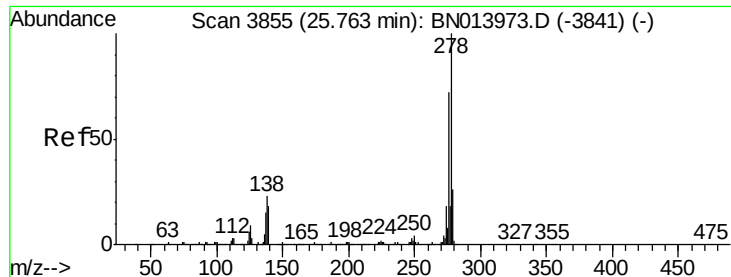


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#95

Dibenzo(a,h)anthracene

Concen: 4.604 ng/ul

RT: 25.74 min Scan# 3852

Delta R.T. -0.02 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2021-04

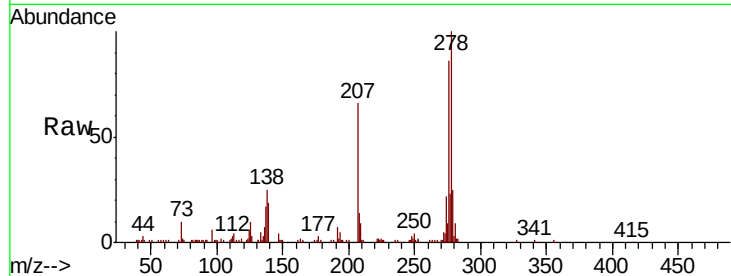
Tot Ion:278 Resp: 206897

Ion Ratio Lower Upper

278 100

139 18.5 13.8 20.8

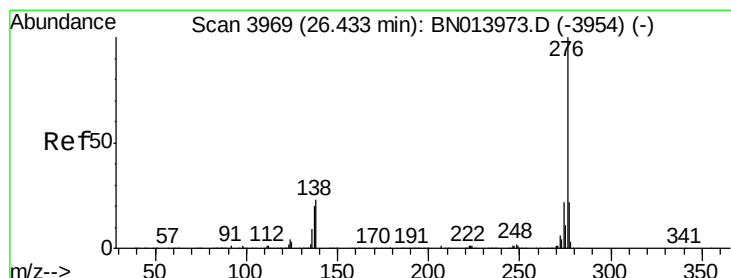
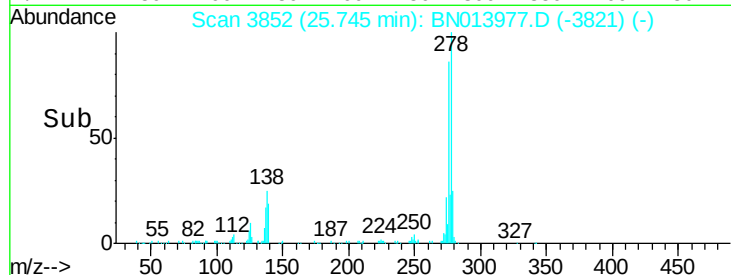
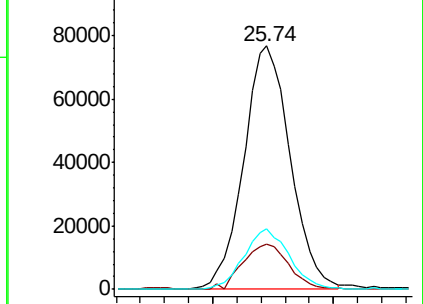
279 24.8 17.5 26.3



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



#96

Benzo(g,h,i)perylene

Concen: 4.615 ng/ul

RT: 26.42 min Scan# 3967

Delta R.T. -0.01 min

Lab File: BN013977.D

Acq: 18 Mar 2021 11:45

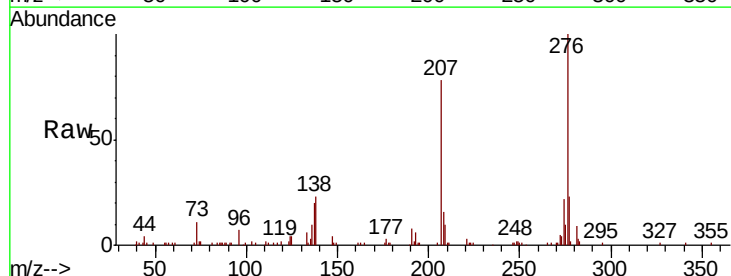
Tgt Ion:276 Resp: 203637

Ion Ratio Lower Upper

276 100

138 23.3 18.9 28.3

277 23.0 17.9 26.9



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

