

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031721\
 Data File : BN013970.D
 Acq On : 17 Mar 2021 14:58
 Operator : CG/JU
 Sample : M1344-05
 Misc : SFAM-MDL-MES-01
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-MED-SOIL-QT2-2021-03

Quant Time: Mar 17 15:26:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN031721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 17 10:09:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	142641	20.00	ng/ul	0.00
20) Naphthalene-d8	10.49	136	581320	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.35	164	343848	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.09	188	706606	20.00	ng/ul	0.00
79) Chrysene-d12	21.27	240	697322	20.00	ng/ul	0.00
88) Perylene-d12	23.50	264	738597	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	18478	5.10	ng/uL	0.00
4) Pyridine-d5	3.61	84	281239	28.32	ng/ul	0.00
7) Phenol-d5	6.87	99	410494	33.97	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.05	67	267933	35.40	ng/ul	0.00
11) 2-Chlorophenol-d4	7.24	132	336007	36.85	ng/ul	0.00
15) 4-Methylphenol-d8	8.40	113	303418	32.72	ng/ul	0.00
21) Nitrobenzene-d5	8.86	128	148885	36.74	ng/ul	0.00
24) 2-Nitrophenol-d4	9.58	143	145211	37.84	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.10	165	294156	35.55	ng/ul	0.00
31) 4-Chloroaniline-d4	10.62	131	425307	33.54	ng/ul	0.00
46) Dimethylphthalate-d6	13.76	166	857713	35.97	ng/ul	0.00
49) Acenaphthylene-d8	14.03	160	1128785	38.81	ng/ul	0.00
54) 4-Nitrophenol-d4	14.54	143	143684	31.07	ng/ul	0.00
60) Fluorene-d10	15.34	176	778864	36.69	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.46	200	102912	29.14	ng/ul	0.00
73) Anthracene-d10	17.19	188	1180461	36.26	ng/ul	0.00
81) Pyrene-d10	19.48	212	1260639	35.79	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.36	264	1423198	38.26	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.25	88	4868	1.309 ng/uL#	85
5) Pyridine	3.63	79	48030	4.699 ng/ul#	59
6) Benzaldehyde	6.85	77	31586	5.274 ng/ul	97
8) Phenol	6.90	94	59622	4.537 ng/ul	99
10) Bis(2-Chloroethyl)ether	7.13	93	47563	4.614 ng/ul	98
12) 2-Chlorophenol	7.27	128	47788	4.829 ng/ul	99
13) 2-Methylphenol	8.15	108	38223	4.026 ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.23	45	71315	4.605 ng/ul	99
16) Acetophenone	8.52	105	67925	4.413 ng/ul	97
17) N-Nitroso-di-n-propylamine	8.50	70	30574	4.288 ng/ul	98
18) 4-Methylphenol	8.47	108	46693	4.495 ng/ul	96
19) Hexachloroethane	8.78	117	18883	4.612 ng/ul	99
22) Nitrobenzene	8.90	77	52462	4.807 ng/ul	98
23) Isophorone	9.42	82	75255	4.076 ng/ul	97
25) 2-Nitrophenol	9.60	139	22261	4.949 ng/ul	98
26) 2,4-Dimethylphenol	9.66	107	48082	4.541 ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.90	93	58978	4.608 ng/ul	99
29) 2,4-Dichlorophenol	10.13	162	42481	4.899 ng/ul	96
30) Naphthalene	10.54	128	152390	4.774 ng/ul	99
32) 4-Chloroaniline	10.65	127	62298	4.743 ng/ul	98
33) Hexachlorobutadiene	10.83	225	26716	4.850 ng/ul	97
34) Caprolactam	11.41	113	7129	2.742 ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.77	107	35666	4.059	ng/ul	97
36) 2-Methylnaphthalene	12.15	142	103303	4.761	ng/ul	96
37) 1-Methylnaphthalene	12.38	142	99712	4.634	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	51338	4.738	ng/ul	99
40) Hexachlorocyclopentadiene	12.51	237	25282	3.862	ng/ul	97
41) 2,4,6-Trichlorophenol	12.76	196	23746	3.927	ng/ul	94
42) 2,4,5-Trichlorophenol	12.83	196	27920	4.126	ng/ul	90
43) 1,1'-Biphenyl	13.18	154	131250	4.763	ng/ul	99
44) 2-Chloronaphthalene	13.22	162	101141	4.712	ng/ul	98
45) 2-Nitroaniline	13.42	65	18880	3.627	ng/ul	95
47) Dimethylphthalate	13.80	163	121830	4.872	ng/ul	99
48) 2,6-Dinitrotoluene	13.92	165	16404	3.700	ng/ul	97
50) Acenaphthylene	14.06	152	151174	4.839	ng/ul	99
51) 3-Nitroaniline	14.25	138	17629	3.330	ng/ul	94
52) Acenaphthene	14.41	153	108693	4.778	ng/ul	99
53) 2,4-Dinitrophenol	14.45	184	6139	2.501	ng/ul	93
55) 4-Nitrophenol	14.55	109	16310	4.332	ng/ul	85
56) Dibenzofuran	14.75	168	152849	4.861	ng/ul	99
57) 2,4-Dinitrotoluene	14.71	165	26831	4.217	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.97	232	20438	3.901	ng/ul	93
59) Diethylphthalate	15.17	149	108964	4.462	ng/ul	98
61) Fluorene	15.40	166	122766	4.836	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.39	204	59330	4.842	ng/ul	98
63) 4-Nitroaniline	15.41	138	18410	3.512	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.47	198	15198	4.076	ng/ul#	84
67) N-Nitrosodiphenylamine	15.60	169	100457	4.672	ng/ul	98
68) 4-Bromophenyl-phenylether	16.29	248	33681	4.665	ng/ul	99
69) Hexachlorobenzene	16.40	284	40027	4.783	ng/ul	97
70) Atrazine	16.56	200	26676	3.665	ng/ul	96
71) Pentachlorophenol	16.74	266	12908	2.874	ng/ul	96
72) Phenanthrene	17.13	178	195662	4.859	ng/ul	99
74) Anthracene	17.22	178	196572	4.777	ng/ul	97
75) 1,2,3,4-Tetrachlorobenzene	13.14	216	50994	4.632	ng/uL	99
76) Pentachlorobenzene	14.66	250	46477	4.230	ng/uL	96
77) Carbazole	17.49	167	161922	4.429	ng/ul	99
78) Di-n-butylphthalate	18.06	149	148170	3.927	ng/ul	99
80) Fluoranthene	19.15	202	205540	4.677	ng/ul	98
82) Pyrene	19.51	202	232053	4.923	ng/ul	98
83) Butylbenzylphthalate	20.42	149	51617	3.445	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.19	252	41124	3.350	ng/ul	97
85) Benzo(a)anthracene	21.26	228	210999	4.711	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.19	149	81764	3.531	ng/ul	99
87) Chrysene	21.30	228	217766	4.954	ng/ul	97
89) Di-n-octyl phthalate	22.07	149	131933	2.839	ng/ul	100
90) Benzo(b)fluoranthene	22.83	252	215704	4.595	ng/ul	98
91) Benzo(k)fluoranthene	22.87	252	202093	4.288	ng/ul	99
93) Benzo(a)pyrene	23.40	252	208345	4.929	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.73	276	240356	4.514	ng/ul	97
95) Dibenzo(a,h)anthracene	25.74	278	203287	4.530	ng/ul	99
96) Benzo(g,h,i)perylene	26.42	276	200724	4.556	ng/ul	99

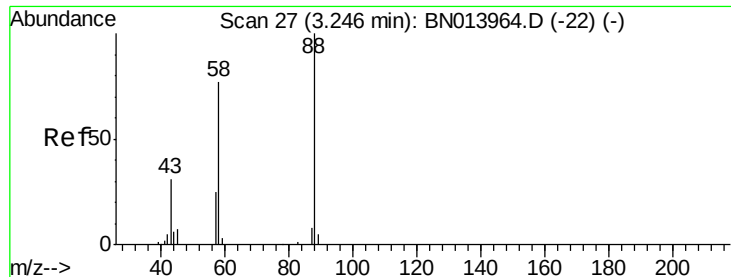
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 1.309 ng/uL

RT: 3.25 min Scan# 28

Delta R.T. 0.01 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT2-2021-03

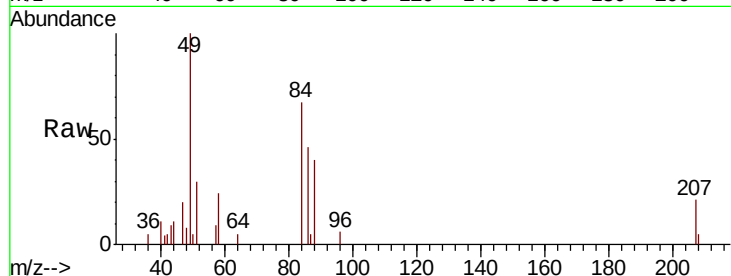
Tot Ion: 88 Resp: 4868

Ion Ratio Lower Upper

88 100

43 22.4 25.1 37.7#

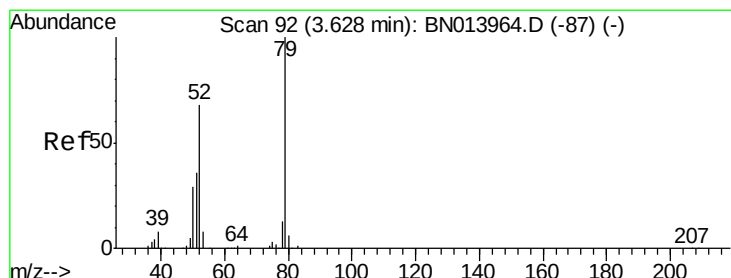
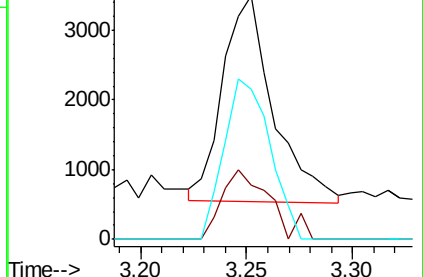
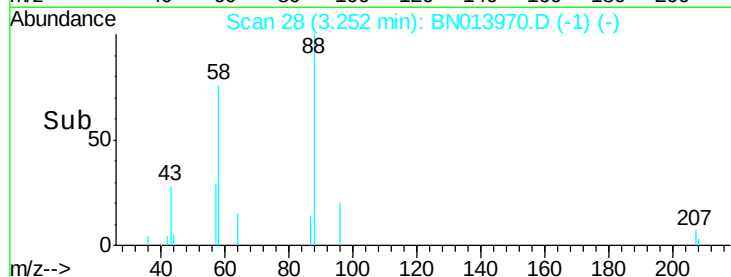
58 61.6 59.2 88.8



Abundance Ion 88.00 (87.70 to 88.70): BN013970.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BN013970.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BN013970.D (-1) (-)



#5

Pyridine

Concen: 4.699 ng/uL

RT: 3.63 min Scan# 93

Delta R.T. 0.01 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

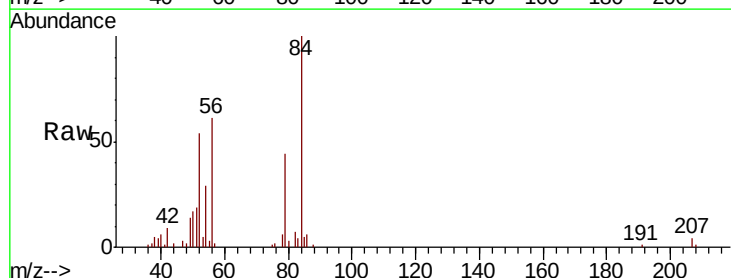
Tgt Ion: 79 Resp: 48030

Ion Ratio Lower Upper

79 100

52 124.7 61.8 92.8#

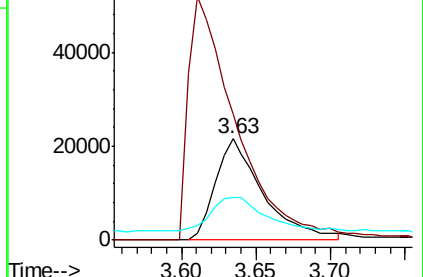
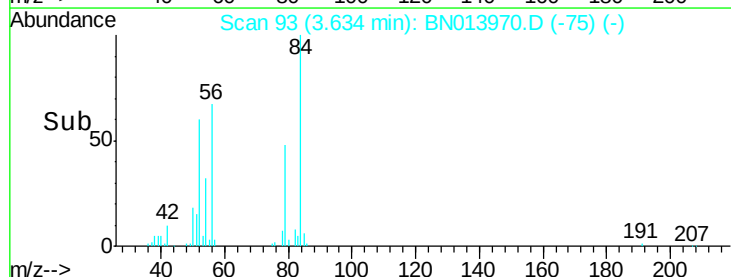
51 42.6 28.7 43.1

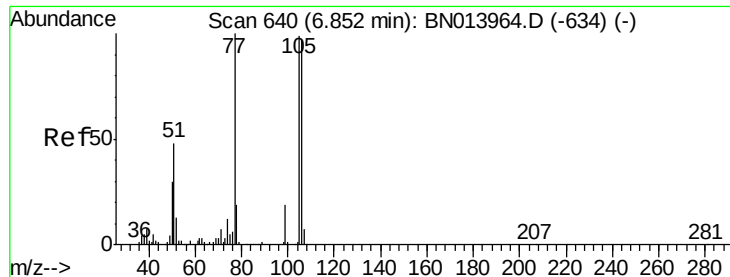


Abundance Ion 79.00 (78.70 to 79.70): BN013970.D (-75) (-)

Ion 52.00 (51.70 to 52.70): BN013970.D (-75) (-)

Ion 51.00 (50.70 to 51.70): BN013970.D (-75) (-)





#6

Benzaldehyde

Concen: 5.274 ng/ul

RT: 6.85 min Scan# 640

Delta R.T. 0.00 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

Instrument :

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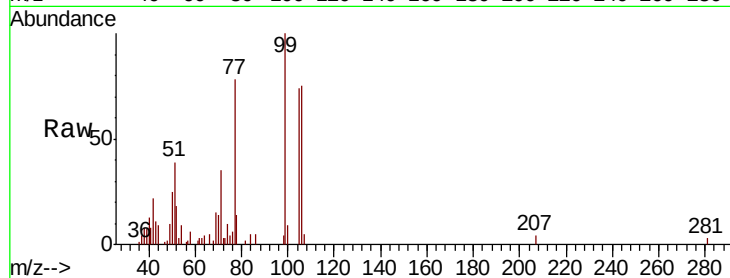
Tot Ion: 77 Resp: 31586

Ion Ratio Lower Upper

77 100

105 95.4 79.8 119.8

106 96.0 75.8 113.8



Abundance Ion 77.00 (76.70 to 77.70): BN013970.D (-606) (-)

Ion 105.00 (104.70 to 105.70): BN013970.D (-606) (-)

Ion 106.00 (105.70 to 106.70): BN013970.D (-606) (-)

6.85

25000

20000

15000

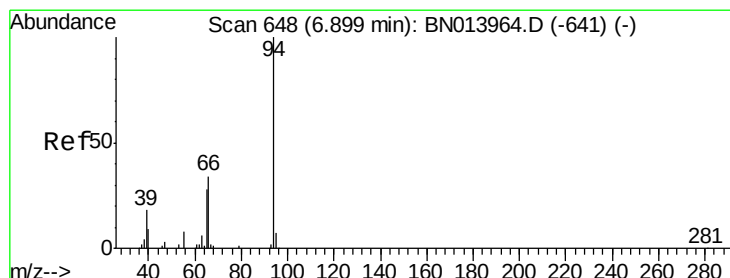
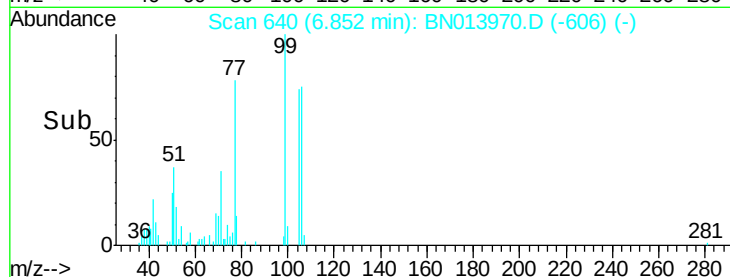
10000

5000

0

6.80 6.85 6.90

Time-->



#8

Phenol

Concen: 4.537 ng/ul

RT: 6.90 min Scan# 648

Delta R.T. 0.00 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

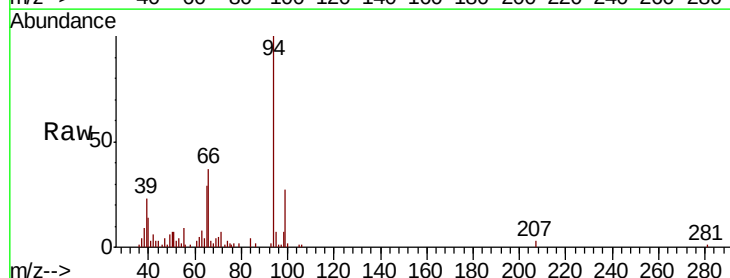
Tgt Ion: 94 Resp: 59622

Ion Ratio Lower Upper

94 100

65 28.5 23.0 34.6

66 36.7 29.0 43.6



Abundance Ion 94.00 (93.70 to 94.70): BN013970.D (-614) (-)

Ion 65.00 (64.70 to 65.70): BN013970.D (-614) (-)

Ion 66.00 (65.70 to 66.70): BN013970.D (-614) (-)

6.90

50000

40000

30000

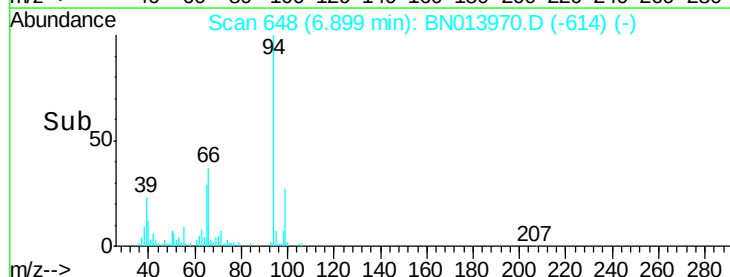
20000

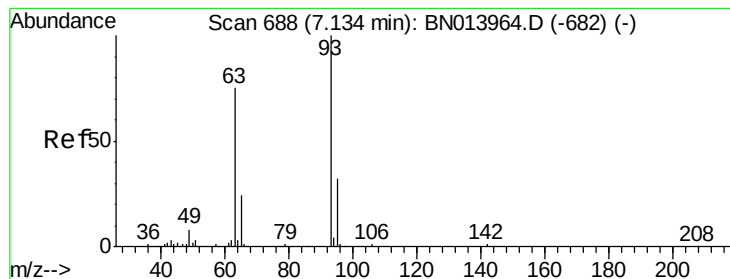
10000

0

6.85 6.90 6.95

Time-->





#10

Bis(2-Chloroethyl)ether

Concen: 4.614 ng/ul

RT: 7.13 min Scan# 688

Delta R.T. 0.00 min

Lab File: BN013970.D

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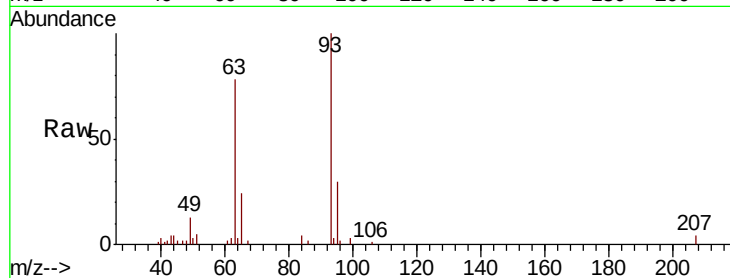
Tot Ion: 93 Resp: 47563

Ion Ratio Lower Upper

93 100

63 78.0 61.6 92.4

95 30.3 26.0 39.0

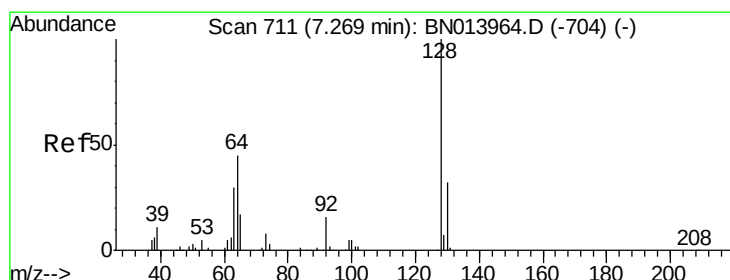
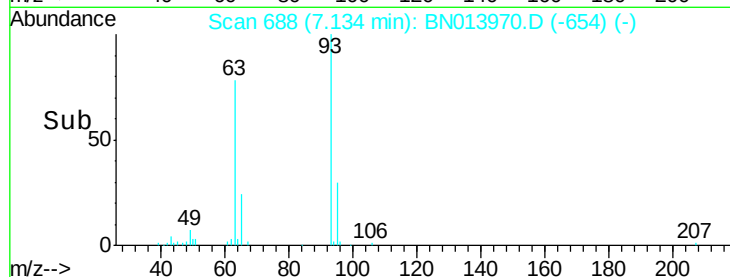


Abundance Ion 93.00 (92.70 to 93.70): BN013970.D (-654) (-)

Ion 63.00 (62.70 to 63.70): BN013970.D (-654) (-)

Ion 95.00 (94.70 to 95.70): BN013970.D (-654) (-)

Time-->



#12

2-Chlorophenol

Concen: 4.829 ng/ul

RT: 7.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

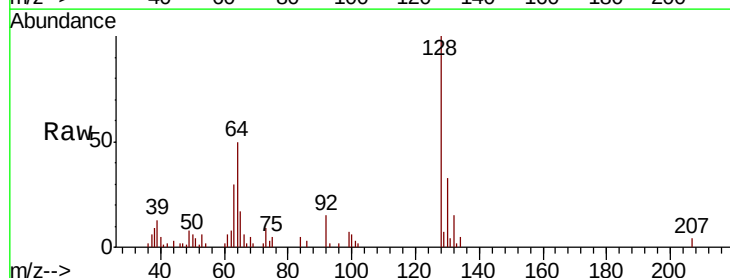
Tgt Ion: 128 Resp: 47788

Ion Ratio Lower Upper

128 100

64 49.5 39.0 58.4

130 32.8 25.5 38.3

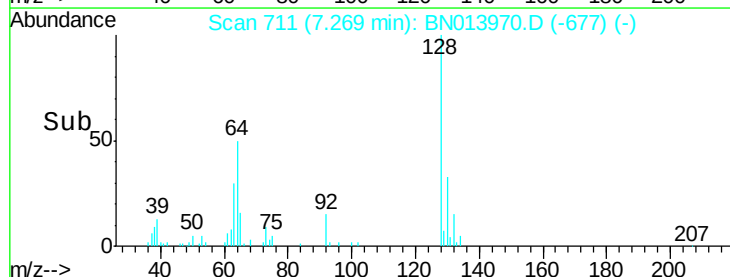


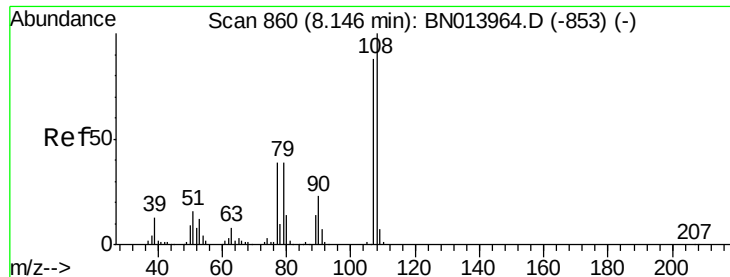
Abundance Ion 128.00 (127.70 to 128.70): BN013970.D (-677) (-)

Ion 64.00 (63.70 to 64.70): BN013970.D (-677) (-)

Ion 130.00 (129.70 to 130.70): BN013970.D (-677) (-)

Time-->

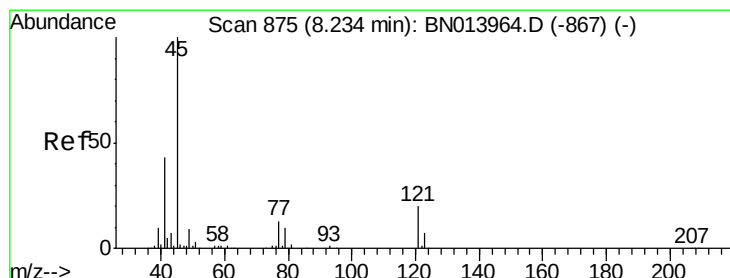
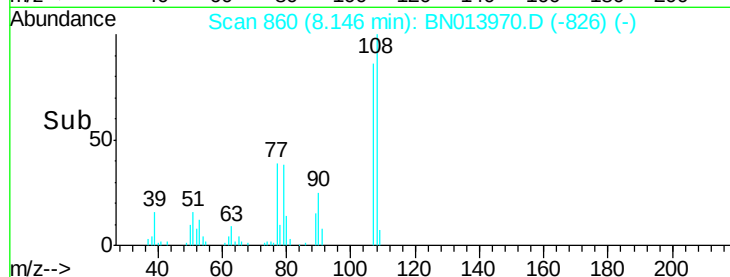
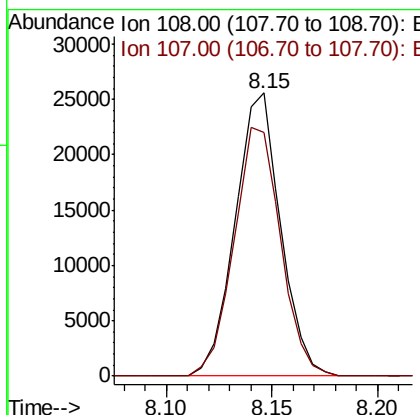
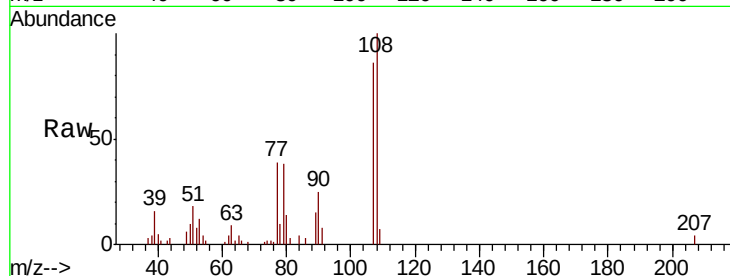




#13
2-Methylphenol
Concen: 4.026 ng/ul
RT: 8.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BN013970.D
Acq: 17 Mar 2021 14:58

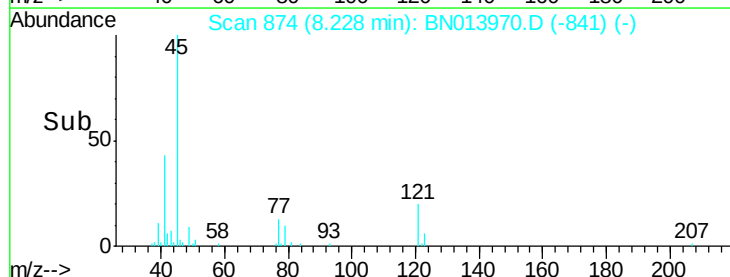
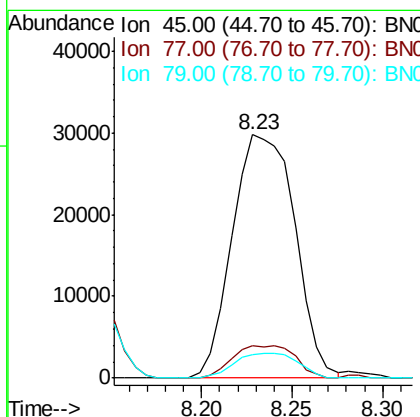
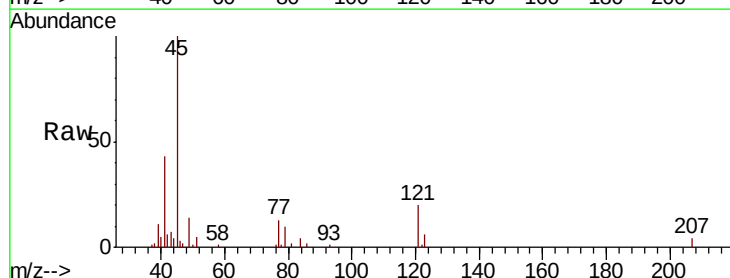
Instrument :
BNA_N
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MDL-MED-SOIL-QT2-2021-03

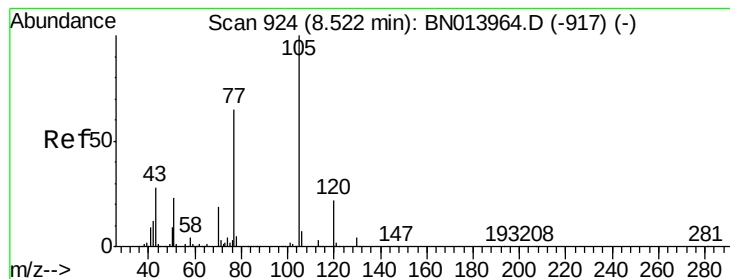
Tot Ion:108 Resp: 38223
Ion Ratio Lower Upper
108 100
107 86.0 71.3 106.9



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.605 ng/ul
RT: 8.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BN013970.D
Acq: 17 Mar 2021 14:58

Tgt Ion: 45 Resp: 71315
Ion Ratio Lower Upper
45 100
77 13.2 10.3 15.5
79 9.7 8.1 12.1





#16

Acetophenone

Concen: 4.413 ng/ul

RT: 8.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT2-2021-03

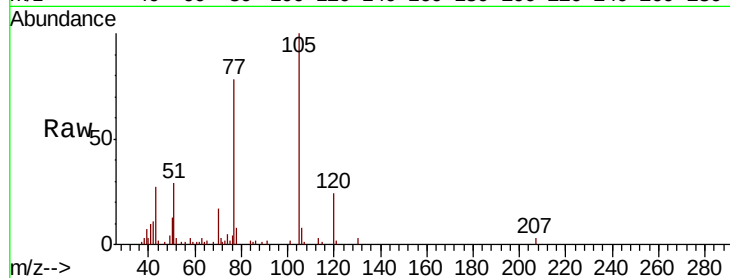
Tot Ion:105 Resp: 67925

Ion Ratio Lower Upper

105 100

77 78.2 65.1 97.7

51 28.6 24.2 36.2



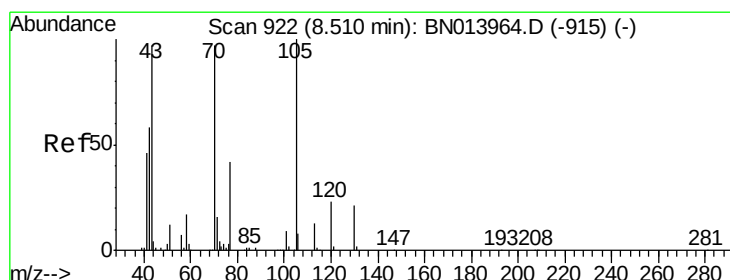
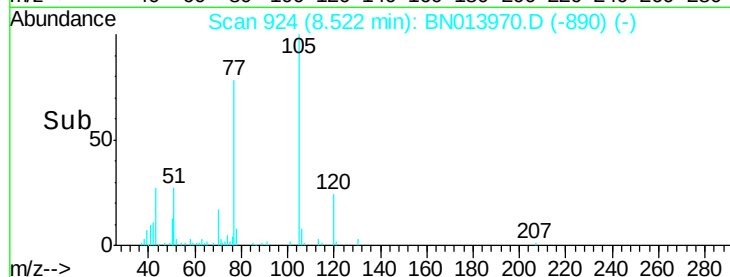
Abundance Ion 105.00 (104.70 to 105.70): E

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: 4.288 ng/ul

RT: 8.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

Tgt Ion: 70 Resp: 30574

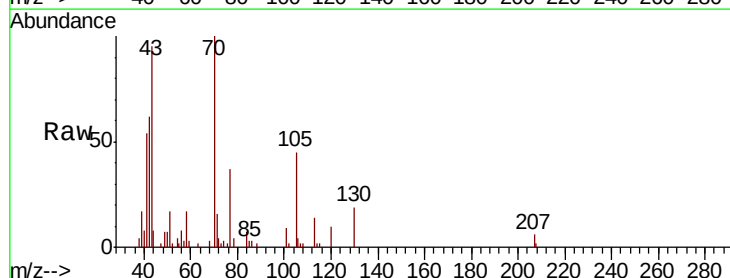
Ion Ratio Lower Upper

70 100

42 62.3 50.3 75.5

101 8.8 7.2 10.8

130 18.7 16.6 25.0



Abundance Ion 70.00 (69.70 to 70.70): BNC

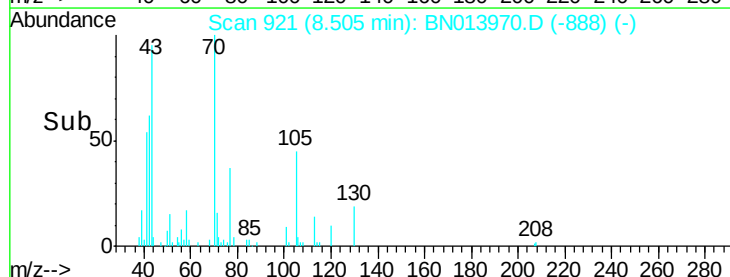
Ion 42.00 (41.70 to 42.70): BNC

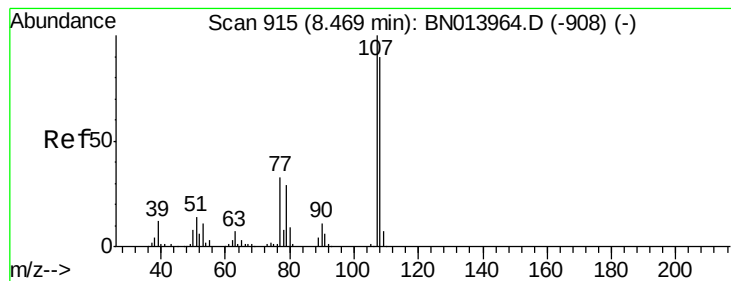
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

8.50

Time-->





#18

4-Methylphenol

Concen: 4.495 ng/ul

RT: 8.47 min Scan# 915

Delta R.T. 0.00 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

Instrument :

BNA_N

ClientSampleId :

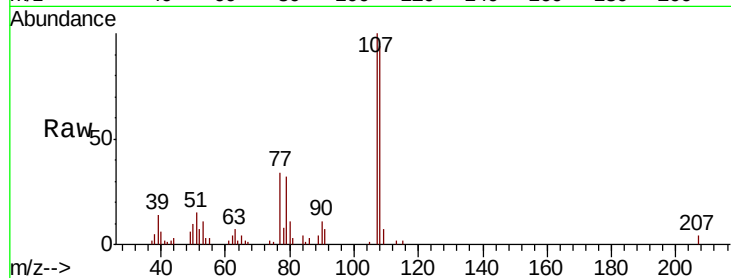
MDL-MED-SOIL-QT2-2021-03

Tot Ion:108 Resp: 46693

Ion Ratio Lower Upper

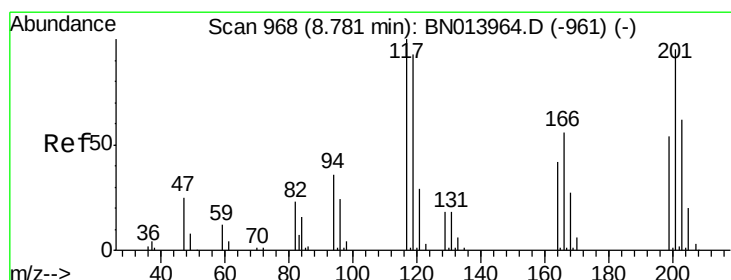
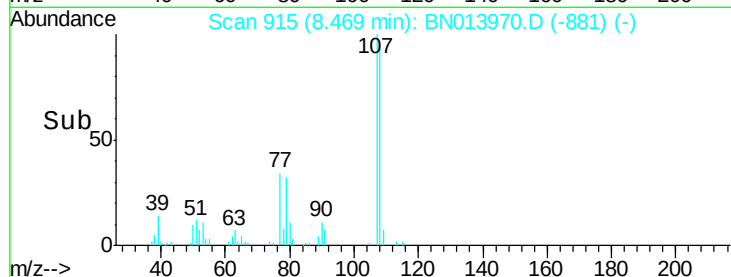
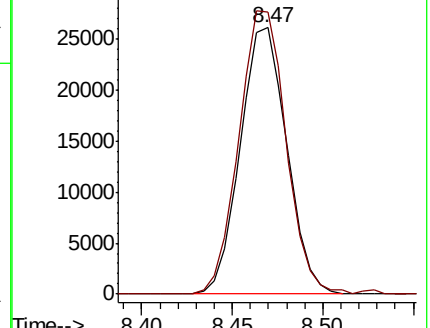
108 100

107 105.9 88.2 132.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#19

Hexachloroethane

Concen: 4.612 ng/ul

RT: 8.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

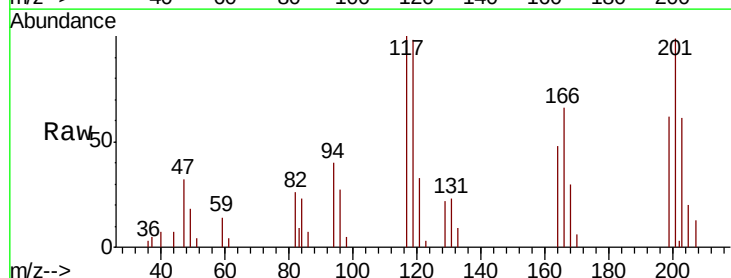
Tgt Ion:117 Resp: 18883

Ion Ratio Lower Upper

117 100

201 99.0 78.9 118.3

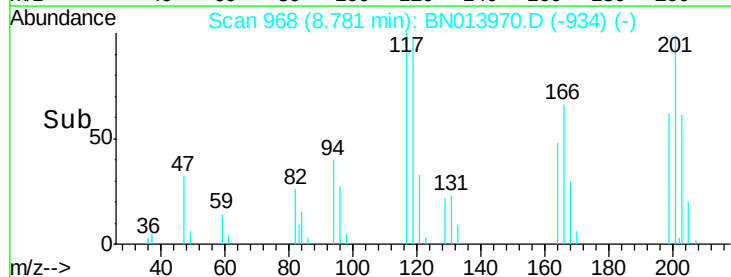
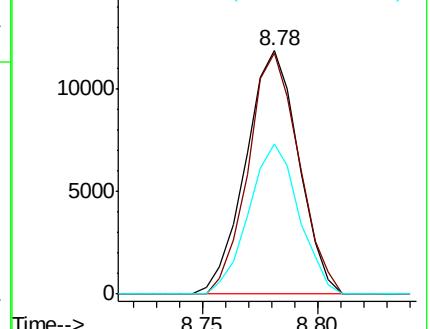
199 61.8 48.2 72.2

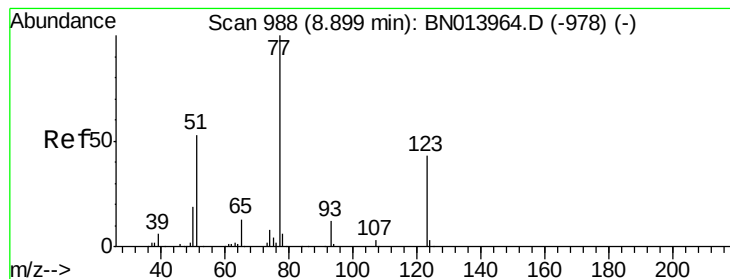


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#22

Nitrobenzene

Concen: 4.807 ng/ul

RT: 8.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT2-2021-03

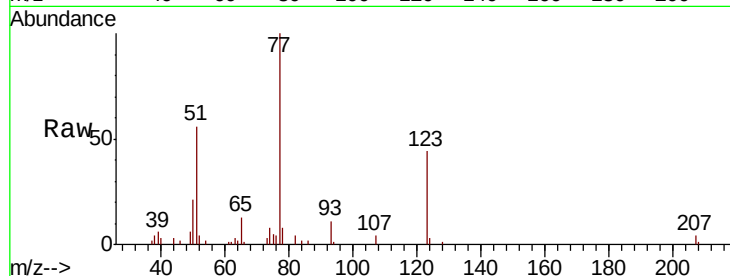
Tot Ion: 77 Resp: 52462

Ion Ratio Lower Upper

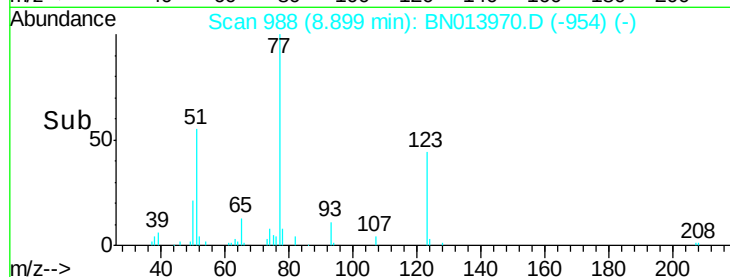
77 100

123 43.8 33.7 50.5

65 13.3 10.6 15.8



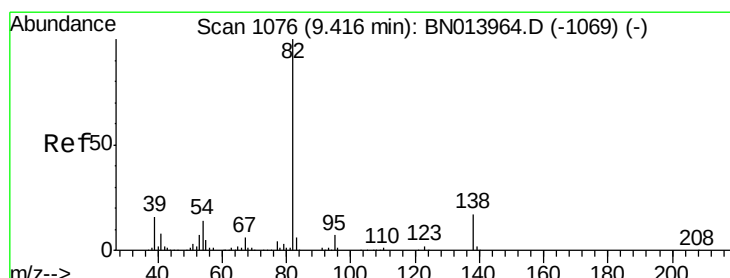
Abundance Ion 77.00 (76.70 to 77.70): BN013970.D (-954) (-)



Ion 123.00 (122.70 to 123.70): BN013970.D (-954) (-)

Ion 65.00 (64.70 to 65.70): BN013970.D (-954) (-)

Time-->



#23

Isophorone

Concen: 4.076 ng/ul

RT: 9.42 min Scan# 1076

Delta R.T. 0.00 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

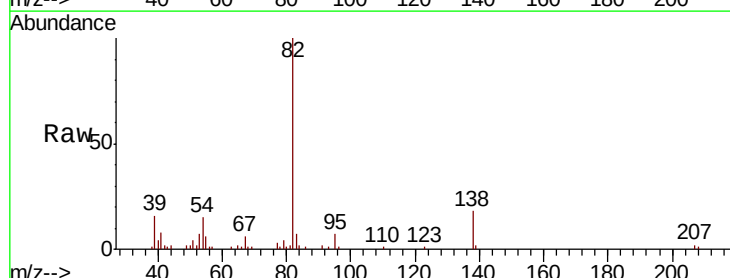
Tgt Ion: 82 Resp: 75255

Ion Ratio Lower Upper

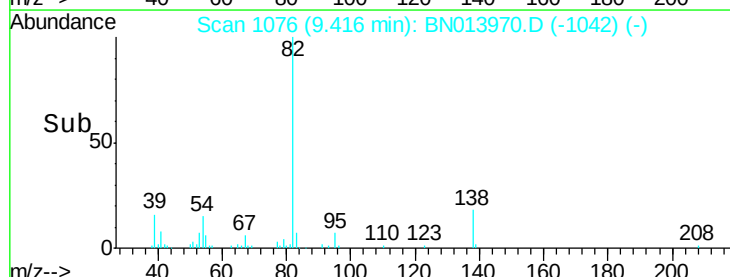
82 100

95 7.0 5.4 8.0

138 18.5 13.4 20.2



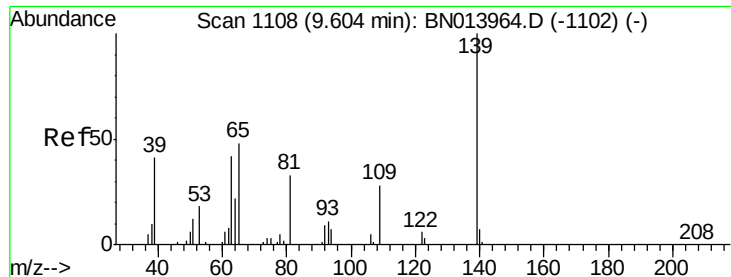
Abundance Ion 82.00 (81.70 to 82.70): BN013970.D (-1042) (-)



Ion 95.00 (94.70 to 95.70): BN013970.D (-1042) (-)

Ion 138.00 (137.70 to 138.70): BN013970.D (-1042) (-)

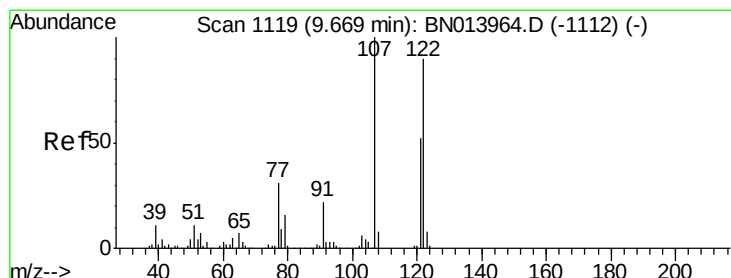
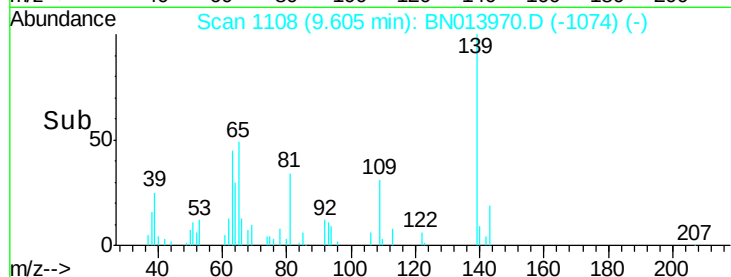
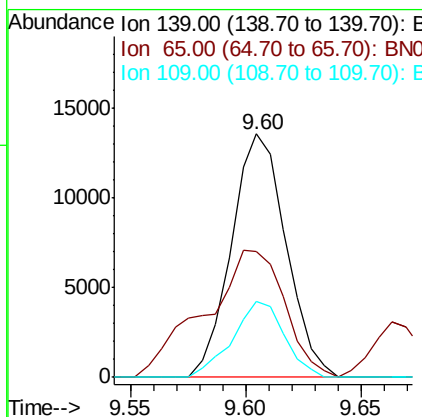
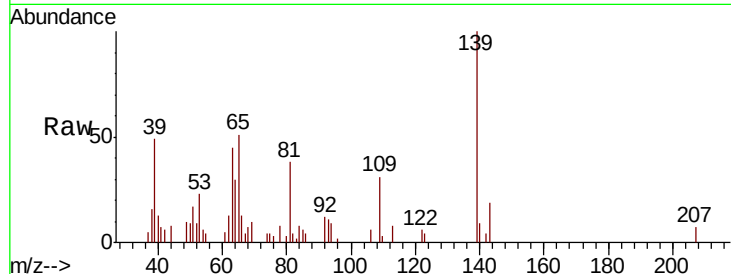
Time-->



#25
2-Nitrophenol
Concen: 4.949 ng/ul
RT: 9.60 min Scan# 1108
Delta R.T. 0.00 min
Lab File: BN013970.D
Acq: 17 Mar 2021 14:58

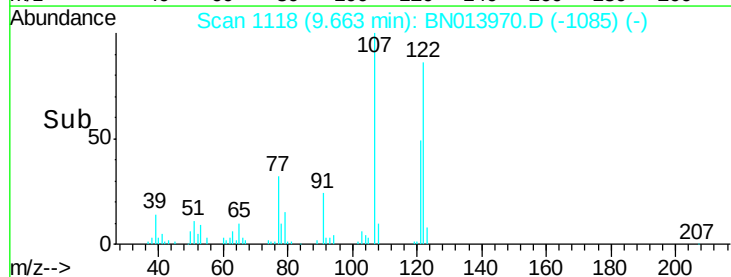
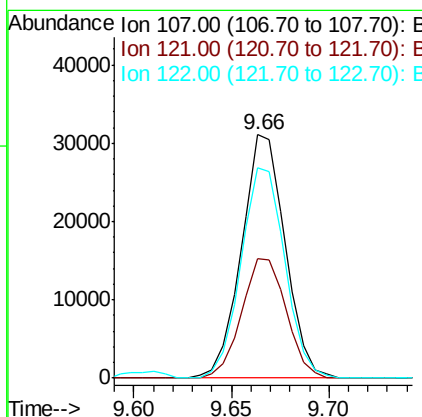
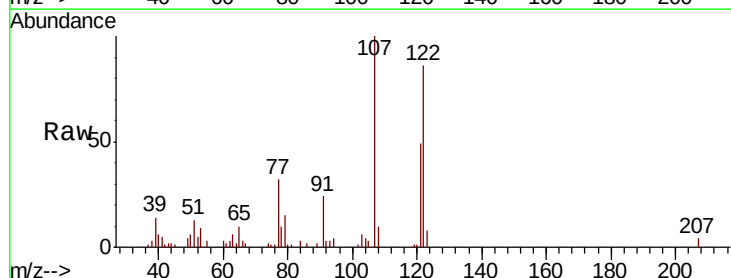
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2021-03

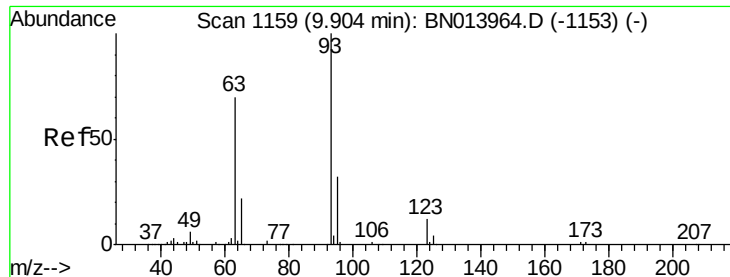
Tot Ion	Ratio	Lower	Upper
139	100		
65	51.5	41.6	62.4
109	31.0	23.3	34.9



#26
2,4-Dimethylphenol
Concen: 4.541 ng/ul
RT: 9.66 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BN013970.D
Acq: 17 Mar 2021 14:58

Tgt Ion	Ratio	Lower	Upper
107	100		
121	49.3	40.5	60.7
122	86.3	67.7	101.5





#27

Bis(2-Chloroethoxy)methane

Concen: 4.608 ng/ul

RT: 9.90 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT2-2021-03

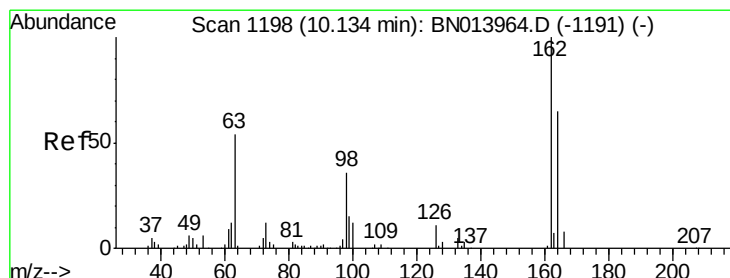
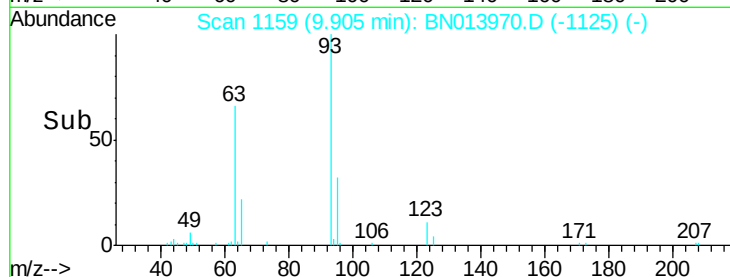
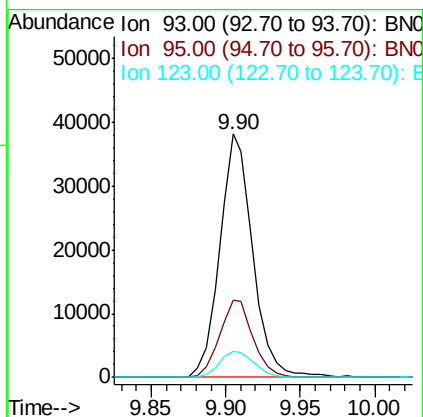
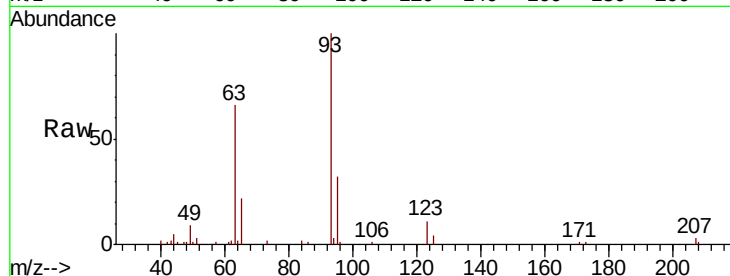
Tot Ion: 93 Resp: 58978

Ion Ratio Lower Upper

93 100

95 31.7 25.8 38.8

123 10.8 9.3 13.9



#29

2,4-Dichlorophenol

Concen: 4.899 ng/ul

RT: 10.13 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

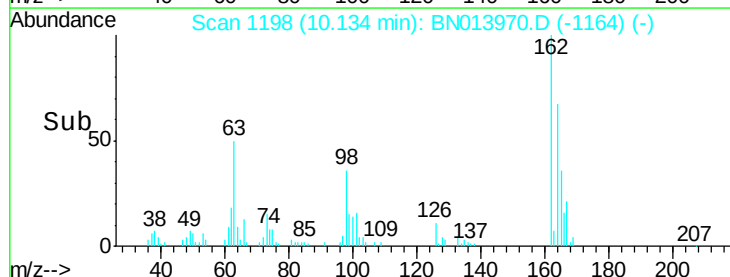
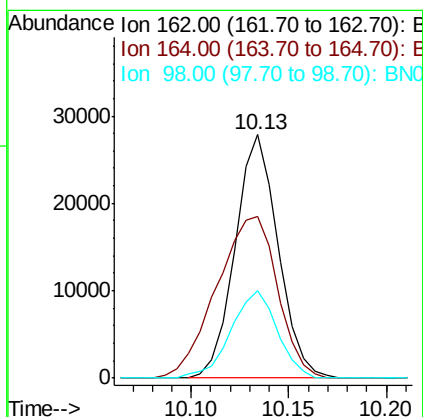
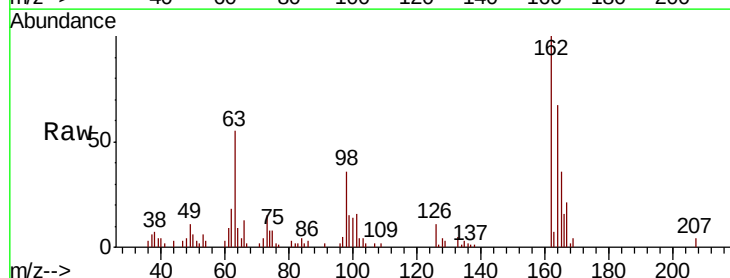
Tgt Ion: 162 Resp: 42481

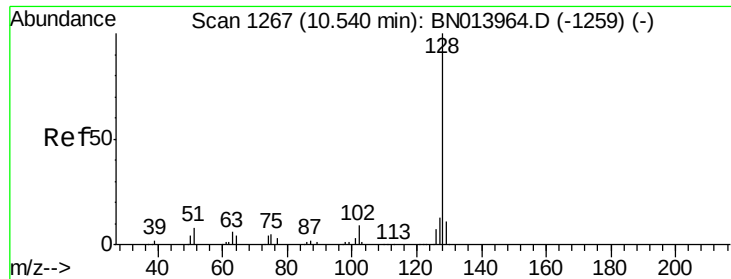
Ion Ratio Lower Upper

162 100

164 66.6 49.9 74.9

98 36.0 29.1 43.7

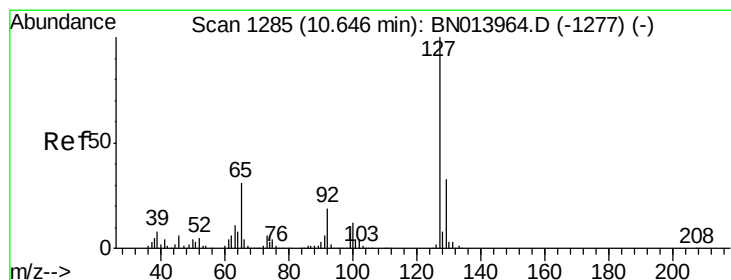
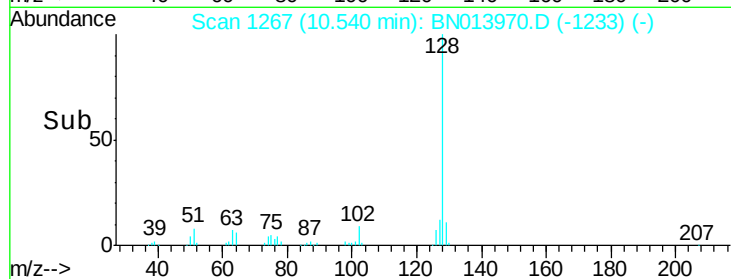
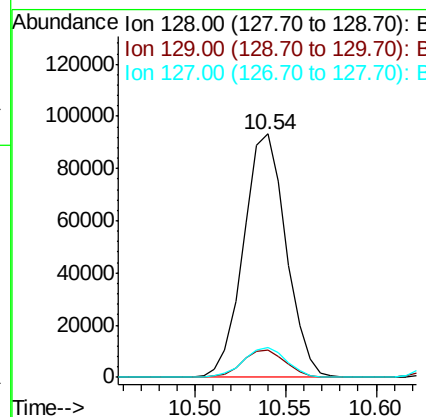
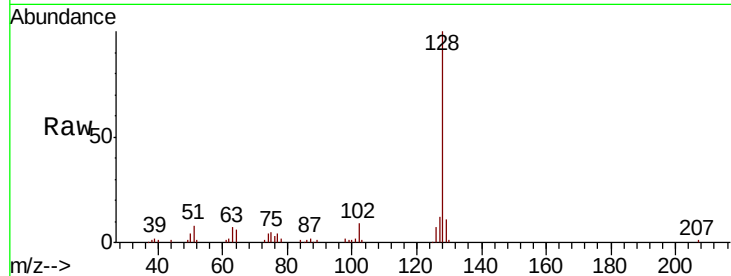




#30
Naphthalene
Concen: 4.774 ng/ul
RT: 10.54 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BN013970.D
Acq: 17 Mar 2021 14:58

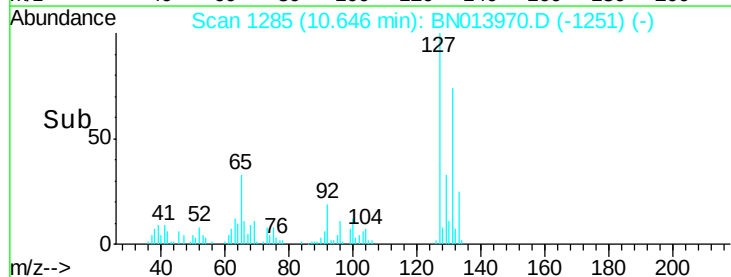
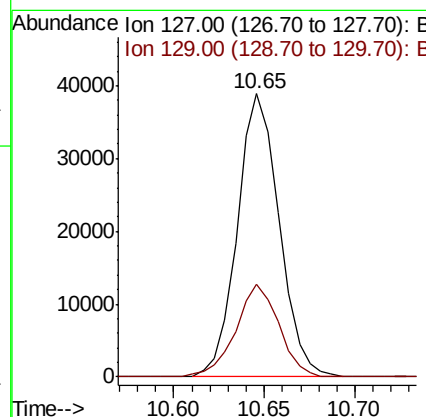
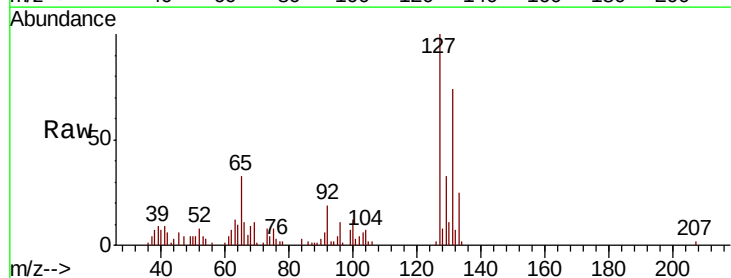
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2021-03

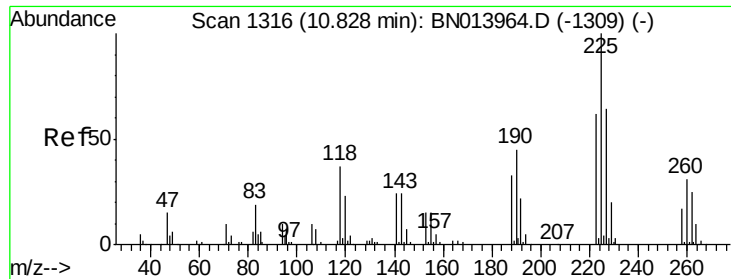
Tot Ion:128 Resp: 152390
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 12.5 10.3 15.5



#32
4-Chloroaniline
Concen: 4.743 ng/ul
RT: 10.65 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BN013970.D
Acq: 17 Mar 2021 14:58

Tgt Ion:127 Resp: 62298
Ion Ratio Lower Upper
127 100
129 32.6 25.2 37.8





#33

Hexachlorobutadiene

Concen: 4.850 ng/ul

RT: 10.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT2-2021-03

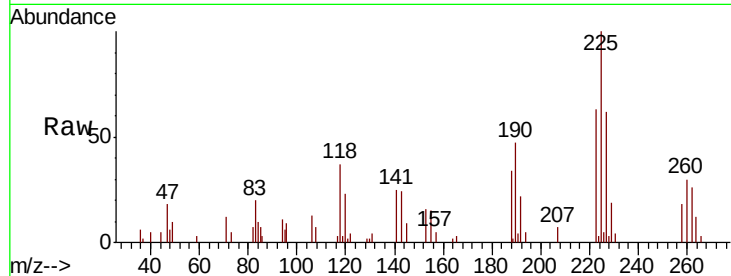
Tot Ion:225 Resp: 26716

Ion Ratio Lower Upper

225 100

223 63.3 52.6 78.8

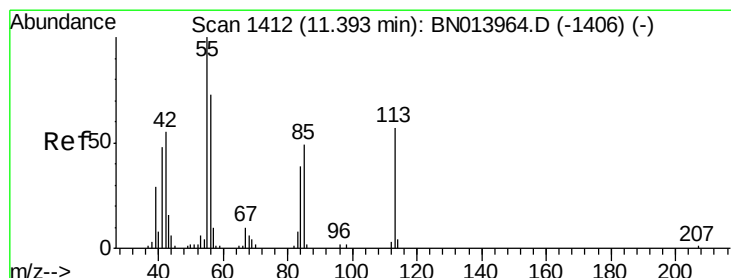
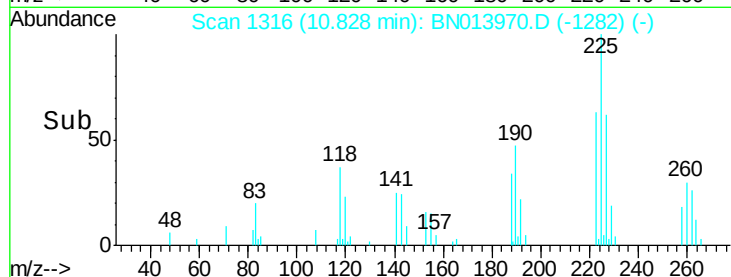
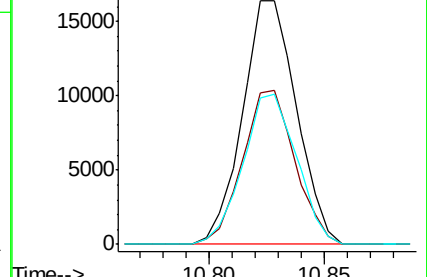
227 61.7 51.0 76.4



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: 2.742 ng/ul

RT: 11.41 min Scan# 1415

Delta R.T. 0.02 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

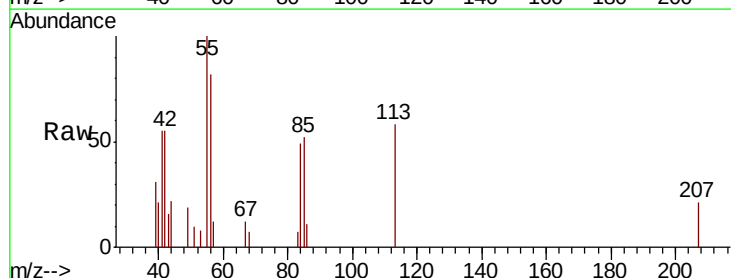
Tgt Ion:113 Resp: 7129

Ion Ratio Lower Upper

113 100

55 171.8 150.2 225.4

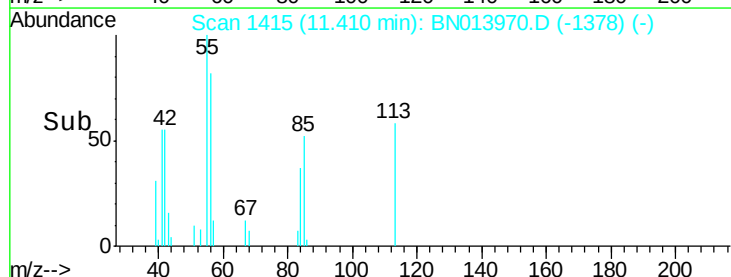
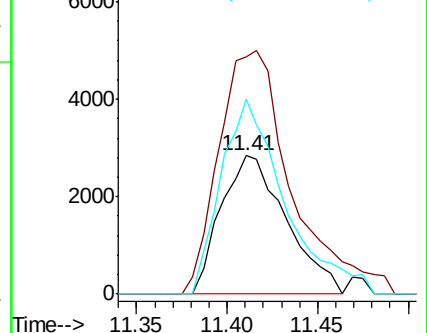
56 141.0 111.2 166.8

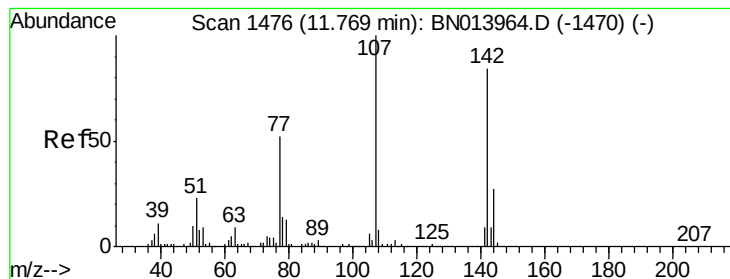


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNC

Ion 56.00 (55.70 to 56.70): BNC





#35

4-Chloro-3-methylphenol

Concen: 4.059 ng/ul

RT: 11.77 min Scan# 1476

Delta R.T. 0.00 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT2-2021-03

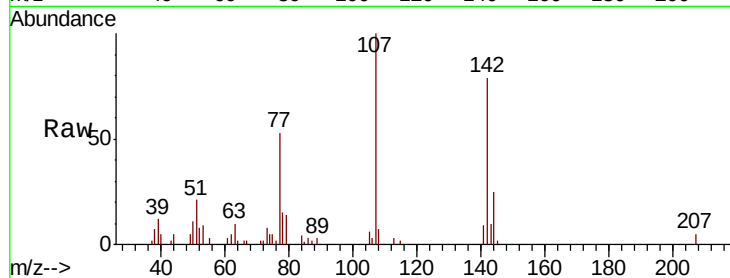
Tot Ion:107 Resp: 35666

Ion Ratio Lower Upper

107 100

144 24.8 21.0 31.4

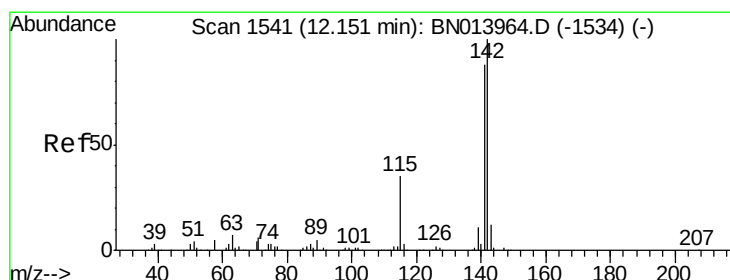
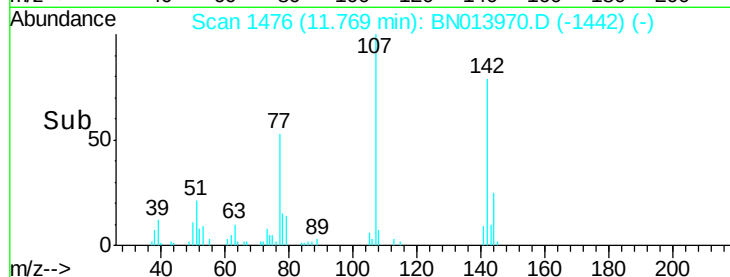
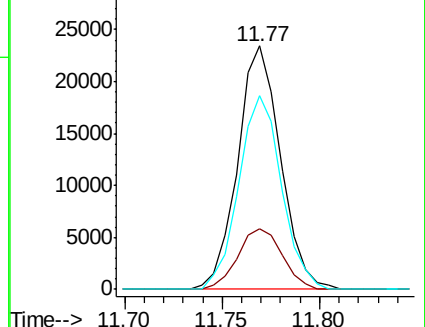
142 79.3 65.9 98.9



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



#36

2-Methylnaphthalene

Concen: 4.761 ng/ul

RT: 12.15 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BN013970.D

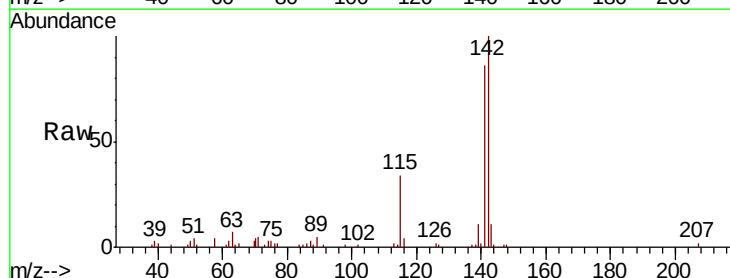
Acq: 17 Mar 2021 14:58

Tgt Ion:142 Resp: 103303

Ion Ratio Lower Upper

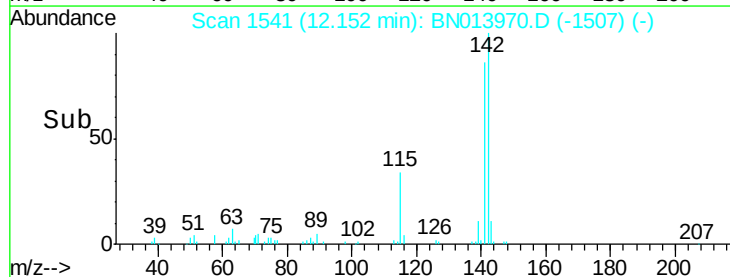
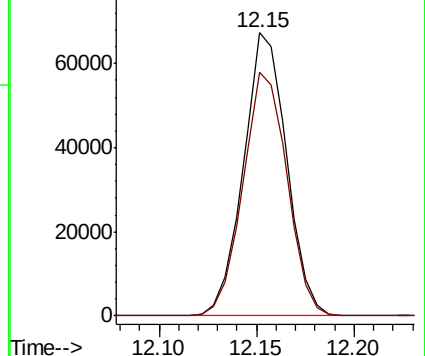
142 100

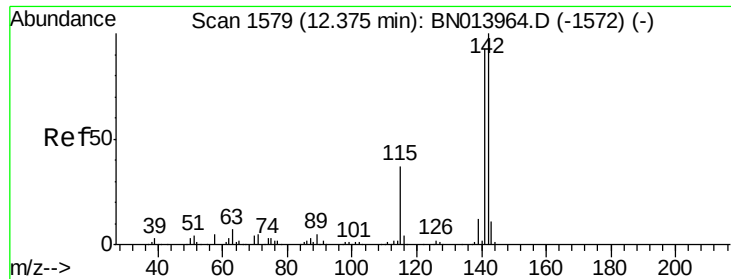
141 85.9 72.1 108.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

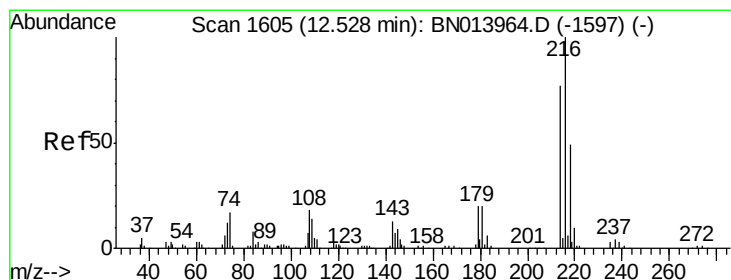
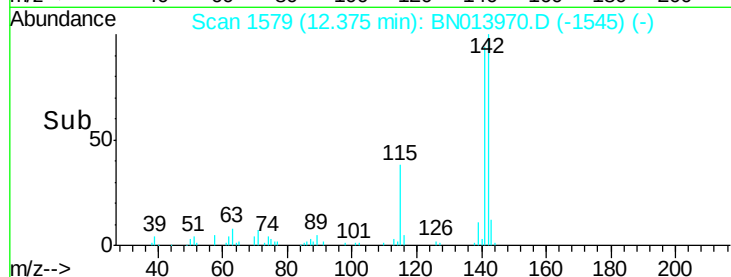
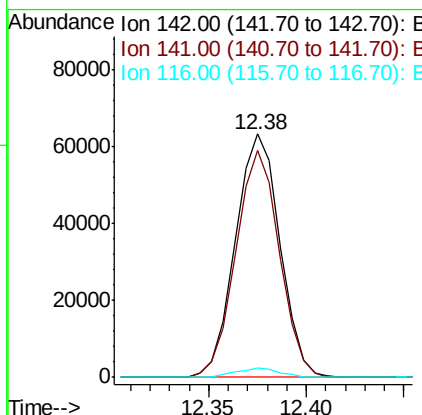
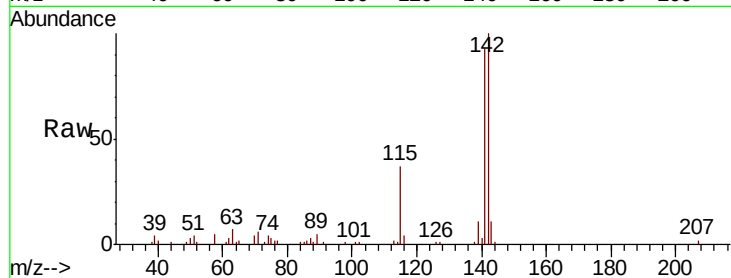




#37
1-Methylnaphthalene
Concen: 4.634 ng/ul
RT: 12.38 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BN013970.D
Acq: 17 Mar 2021 14:58

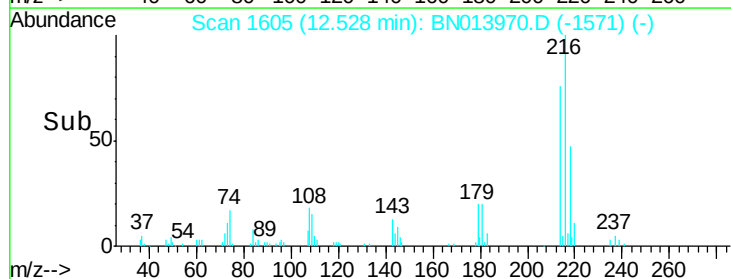
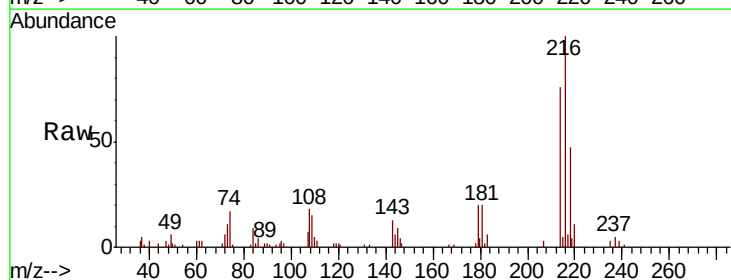
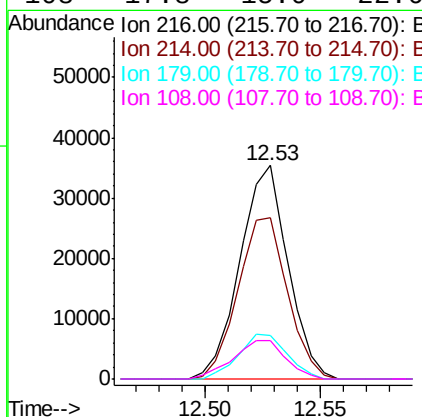
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2021-03

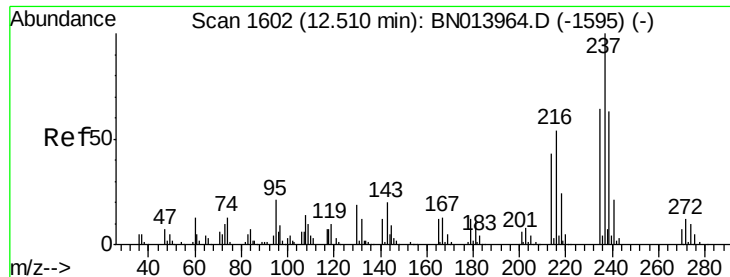
Tot Ion:142 Resp: 99712
Ion Ratio Lower Upper
142 100
141 93.1 73.1 109.7
116 3.9 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.738 ng/ul
RT: 12.53 min Scan# 1605
Delta R.T. 0.00 min
Lab File: BN013970.D
Acq: 17 Mar 2021 14:58

Tgt Ion:216 Resp: 51338
Ion Ratio Lower Upper
216 100
214 75.6 61.5 92.3
179 20.5 16.3 24.5
108 17.8 15.0 22.6





#40

Hexachlorocyclopentadiene

Concen: 3.862 ng/ul

RT: 12.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT2-2021-03

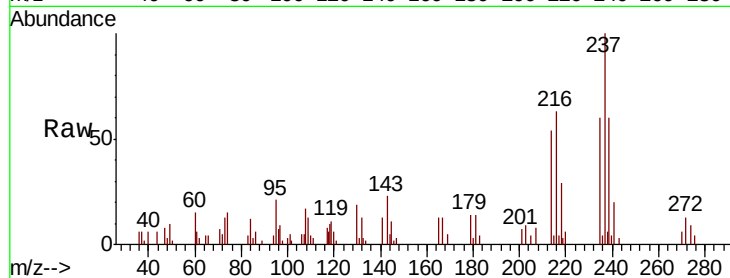
Tot Ion:237 Resp: 25282

Ion Ratio Lower Upper

237 100

235 60.2 50.6 75.8

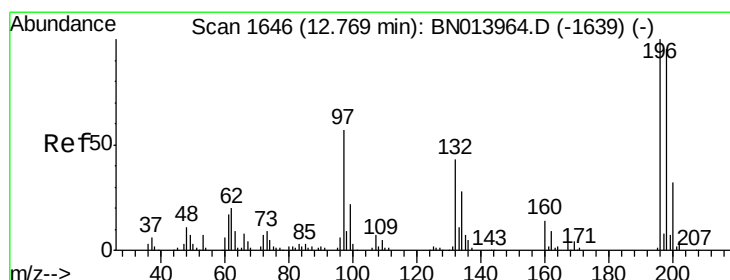
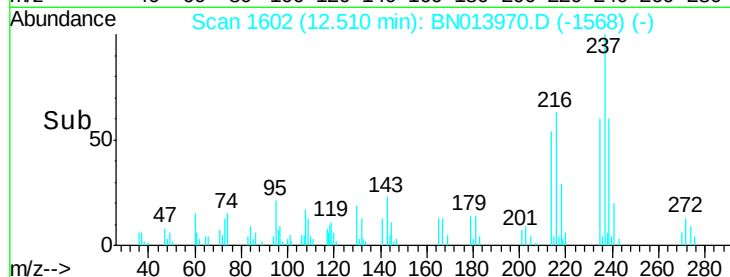
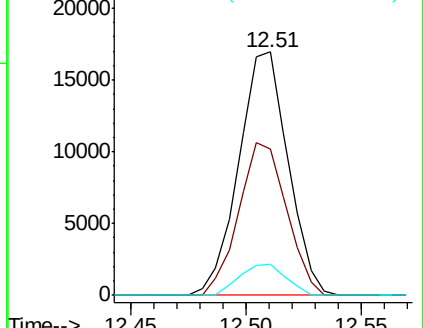
272 12.7 10.4 15.6



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: 3.927 ng/ul

RT: 12.76 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

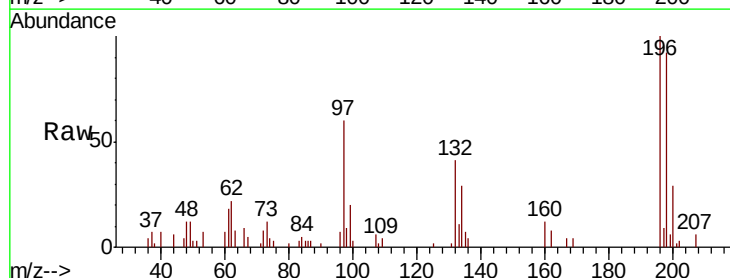
Tgt Ion:196 Resp: 23746

Ion Ratio Lower Upper

196 100

198 92.3 79.8 119.6

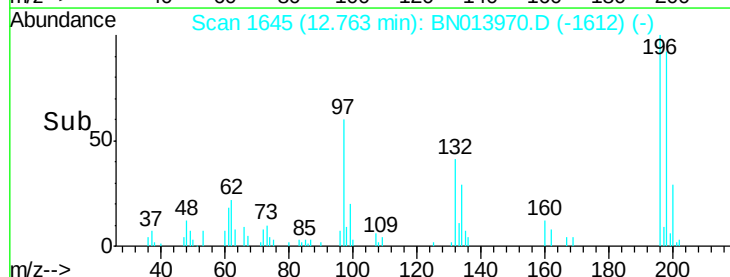
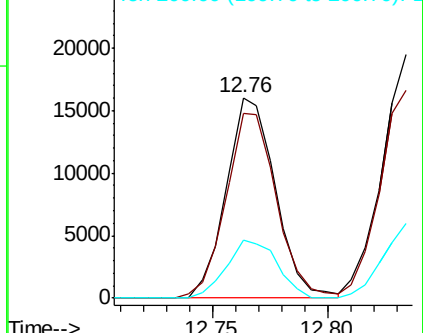
200 28.6 24.1 36.1

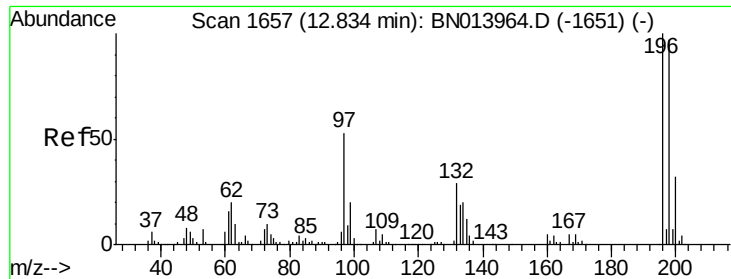


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

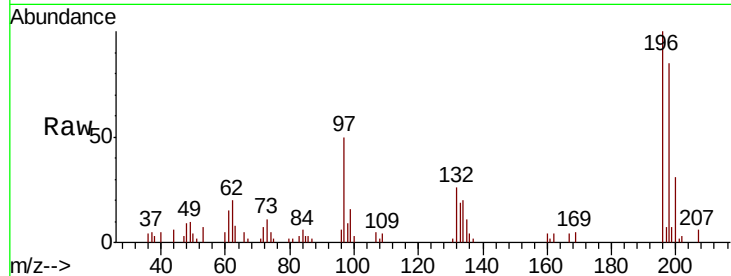




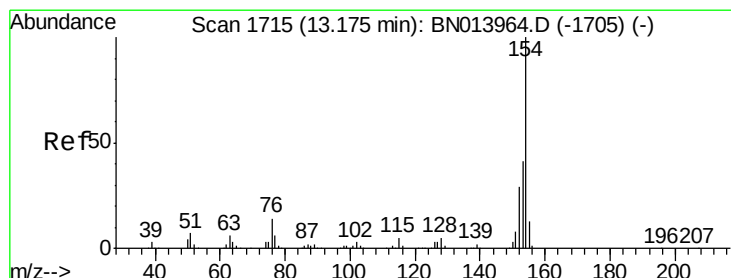
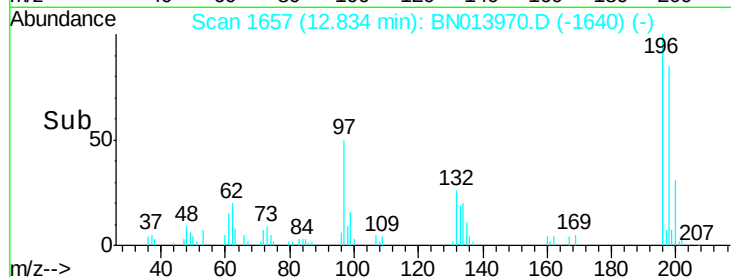
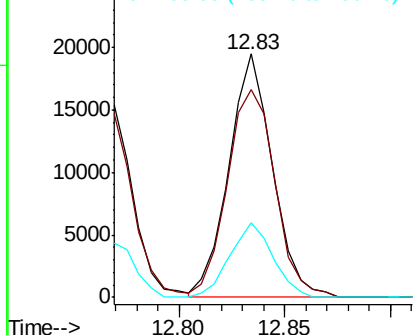
#42
 2,4,5-Trichlorophenol
 Concen: 4.126 ng/ul
 RT: 12.83 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: BN013970.D
 Acq: 17 Mar 2021 14:58

Instrument :
 BNA_N
 ClientSampleId :
 MDL-MED-SOIL-QT2-2021-03

Tot Ion:196 Resp: 27920
 Ion Ratio Lower Upper
 196 100
 198 85.1 78.1 117.1
 200 30.7 25.8 38.8

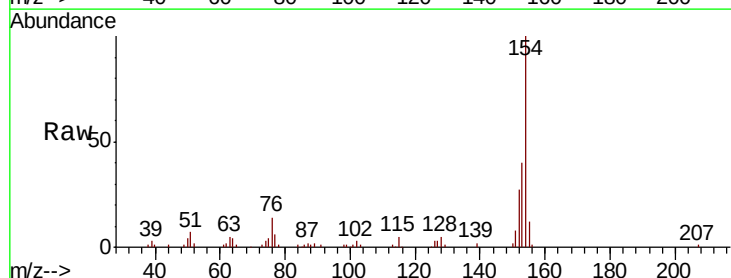


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

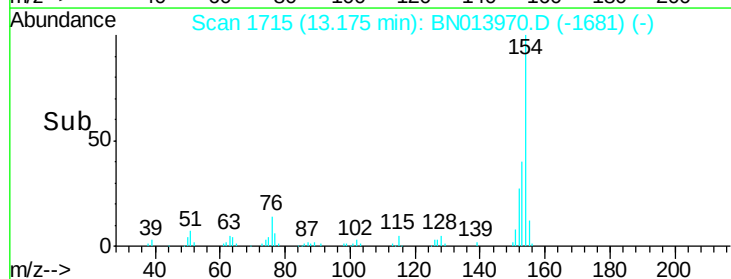
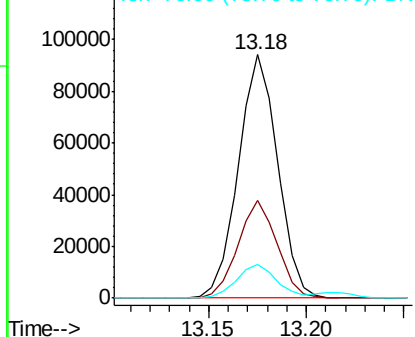


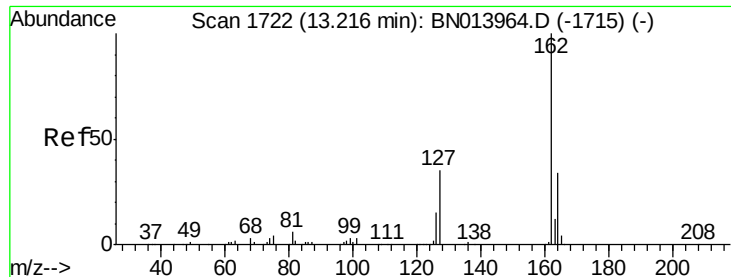
#43
 1,1'-Biphenyl
 Concen: 4.763 ng/ul
 RT: 13.18 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BN013970.D
 Acq: 17 Mar 2021 14:58

Tgt Ion:154 Resp: 131250
 Ion Ratio Lower Upper
 154 100
 153 40.1 31.8 47.8
 76 13.7 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

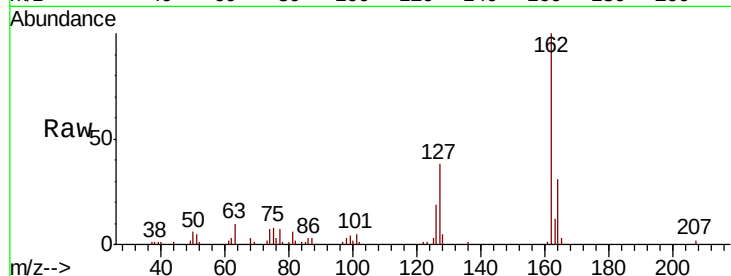




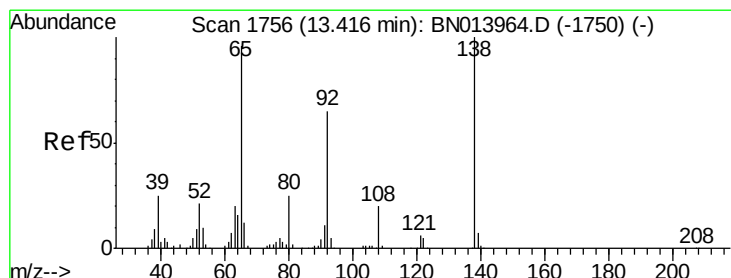
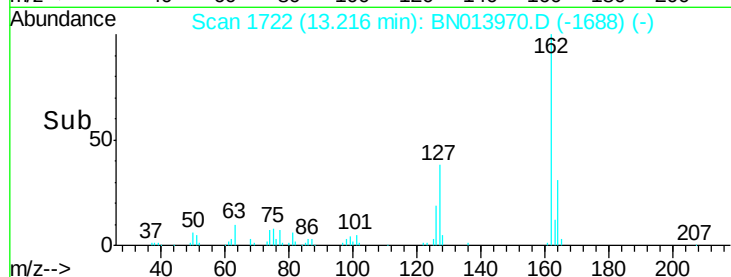
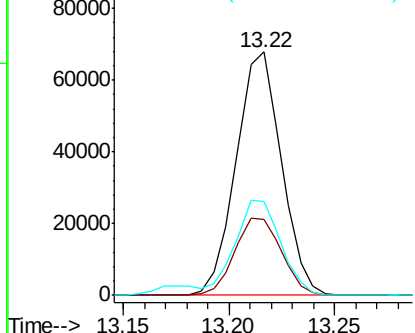
#44
2-Chloronaphthalene
Concen: 4.712 ng/ul
RT: 13.22 min Scan# 1722
Delta R.T. 0.00 min
Lab File: BN013970.D
Acq: 17 Mar 2021 14:58

Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2021-03

Tot Ion:162 Resp: 101141
Ion Ratio Lower Upper
162 100
164 31.2 26.1 39.1
127 38.4 31.1 46.7

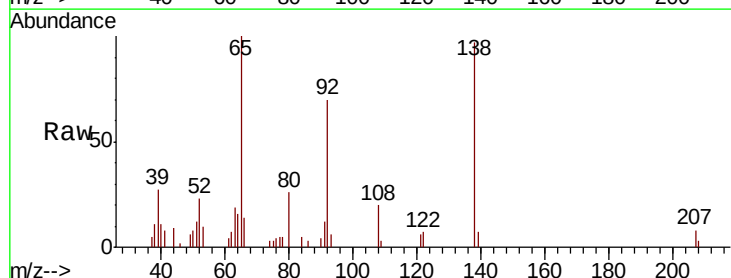


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

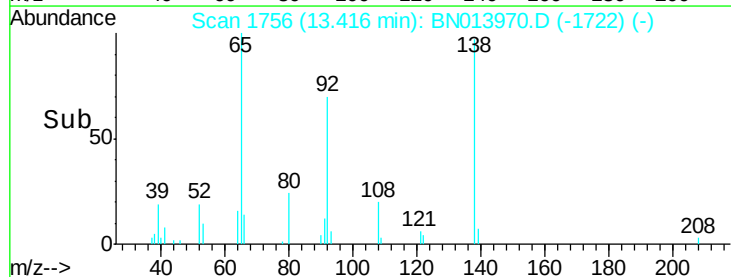
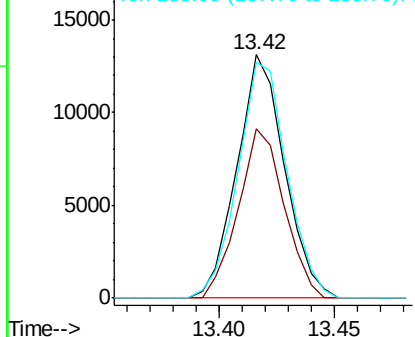


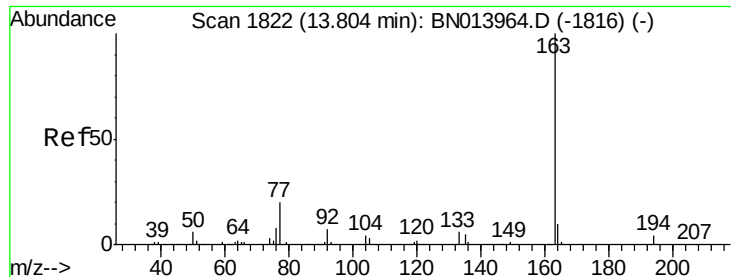
#45
2-Nitroaniline
Concen: 3.627 ng/ul
RT: 13.42 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BN013970.D
Acq: 17 Mar 2021 14:58

Tgt Ion: 65 Resp: 18880
Ion Ratio Lower Upper
65 100
92 69.5 55.4 83.2
138 96.8 84.6 126.8



Abundance Ion 65.00 (64.70 to 65.70): BNO
Ion 92.00 (91.70 to 92.70): BNO
Ion 138.00 (137.70 to 138.70): E

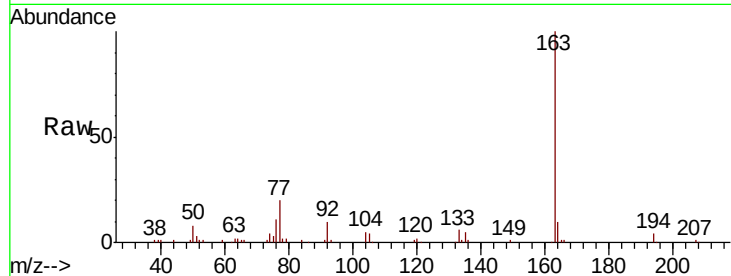




#47
Dimethylphthalate
Concen: 4.872 ng/ul
RT: 13.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BN013970.D
Acq: 17 Mar 2021 14:58

Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2021-03

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	10.0	8.2	12.2

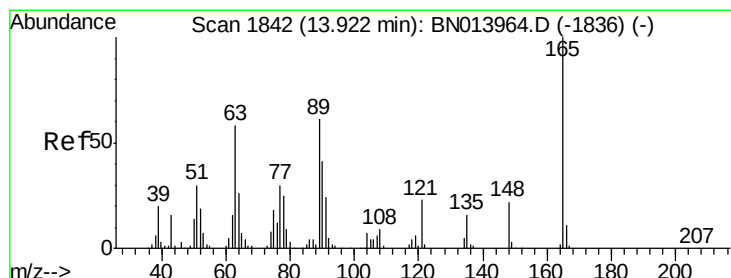
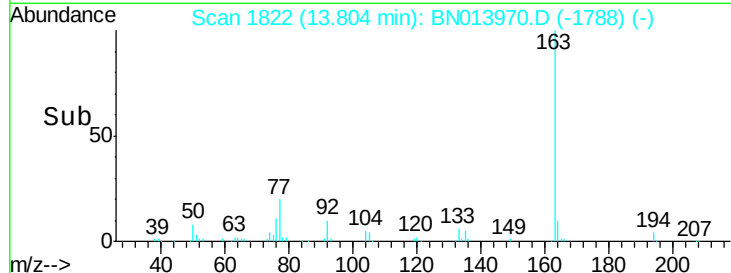
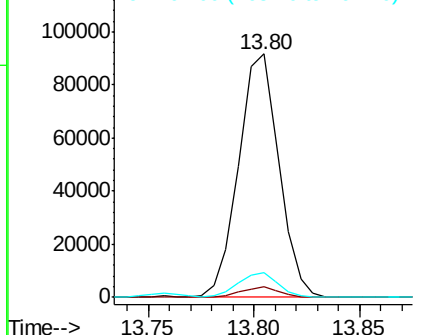


Abundance

Ion 163.00 (162.70 to 163.70): E

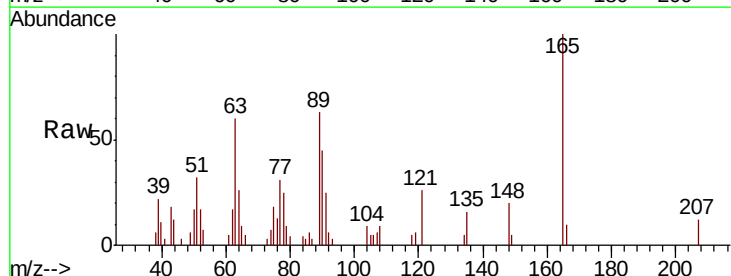
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2,6-Dinitrotoluene
Concen: 3.700 ng/ul
RT: 13.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BN013970.D
Acq: 17 Mar 2021 14:58

Tgt Ion	Ratio	Lower	Upper
165	100		
89	63.3	49.7	74.5
121	25.5	18.3	27.5

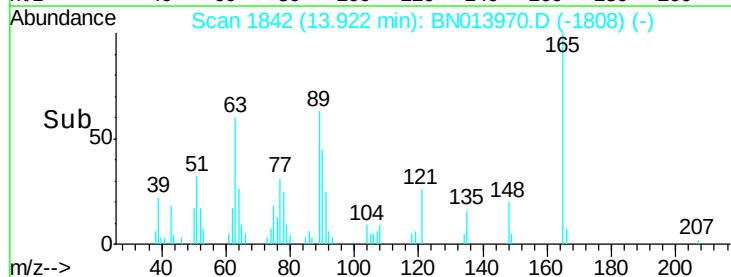
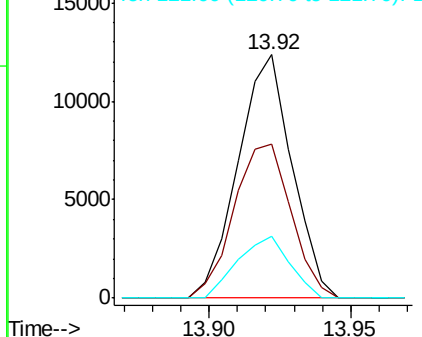


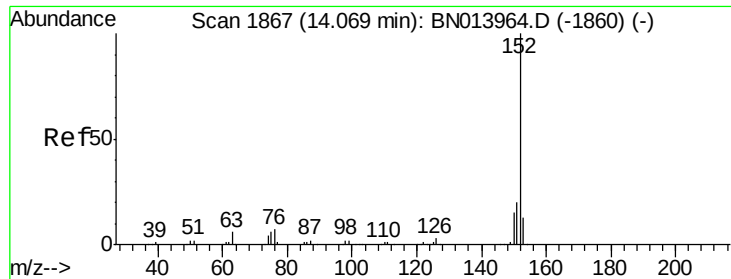
Abundance

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: 4.839 ng/ul

RT: 14.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT2-2021-03

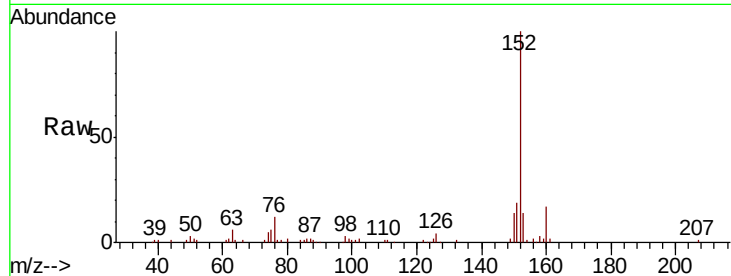
Tot Ion:152 Resp: 151174

Ion Ratio Lower Upper

152 100

151 19.5 16.1 24.1

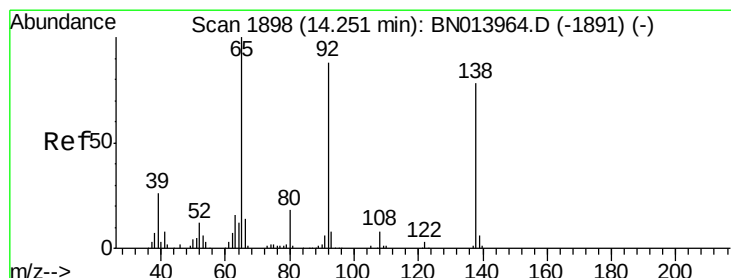
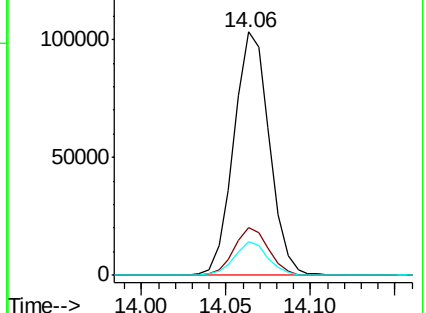
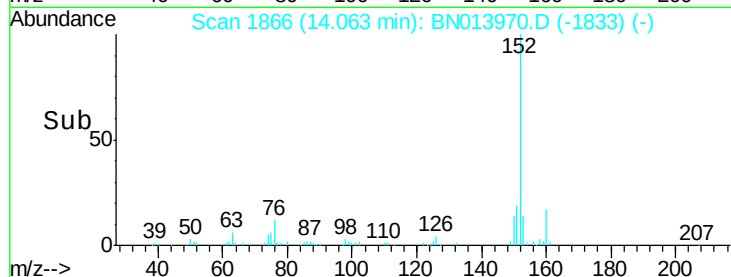
153 13.7 10.7 16.1



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: 3.330 ng/ul

RT: 14.25 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

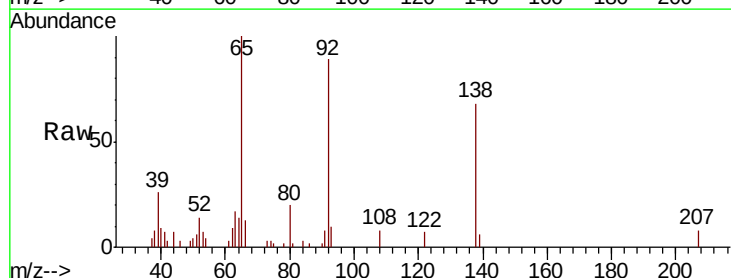
Tgt Ion:138 Resp: 17629

Ion Ratio Lower Upper

138 100

108 12.0 9.1 13.7

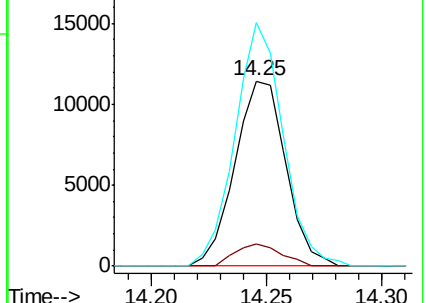
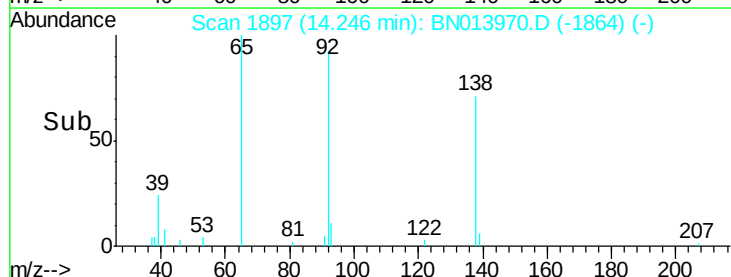
92 131.4 99.1 148.7

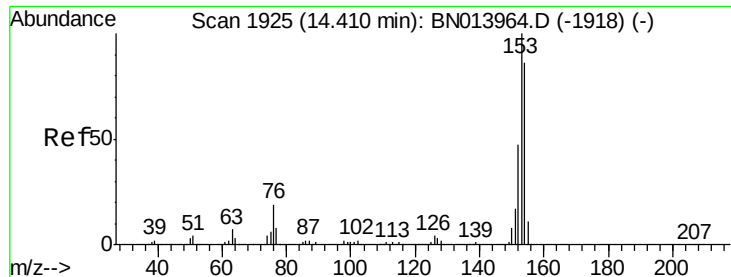


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNO





#52

Acenaphthene

Concen: 4.778 ng/ul

RT: 14.41 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT2-2021-03

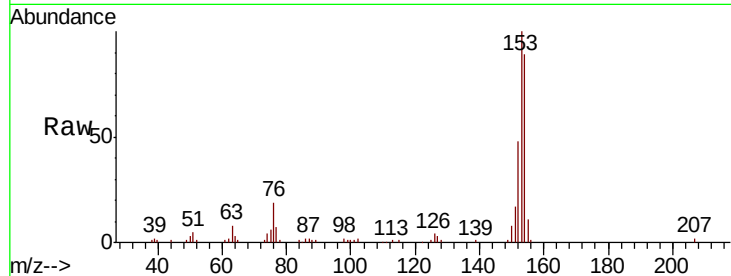
Tot Ion:153 Resp: 108693

Ion Ratio Lower Upper

153 100

152 47.6 38.6 57.8

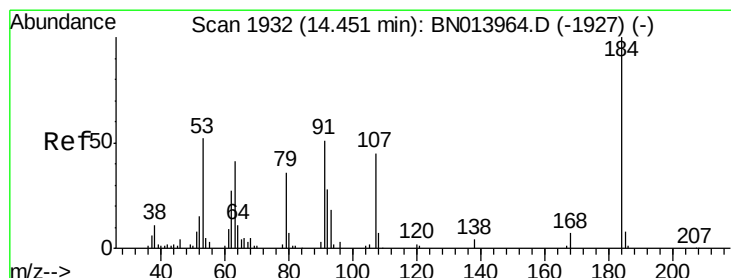
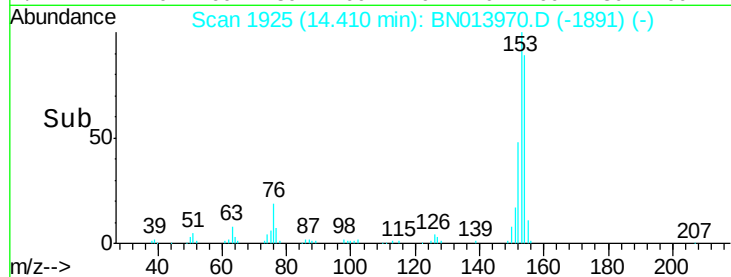
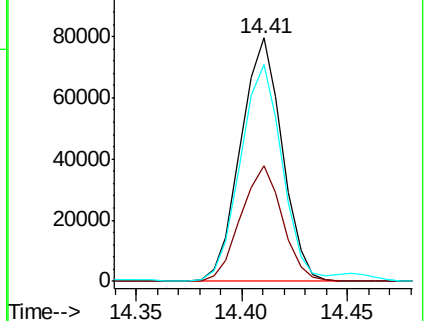
154 89.3 70.3 105.5



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: 2.501 ng/ul

RT: 14.45 min Scan# 1932

Delta R.T. 0.00 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

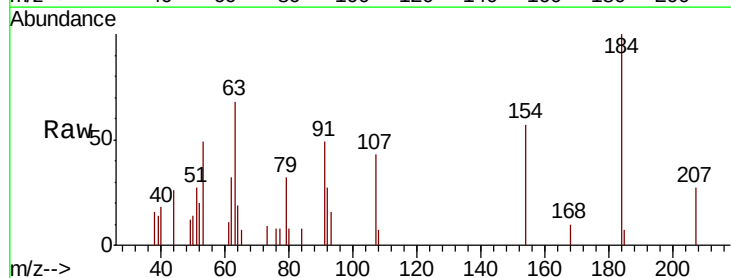
Tgt Ion:184 Resp: 6139

Ion Ratio Lower Upper

184 100

63 67.6 52.1 78.1

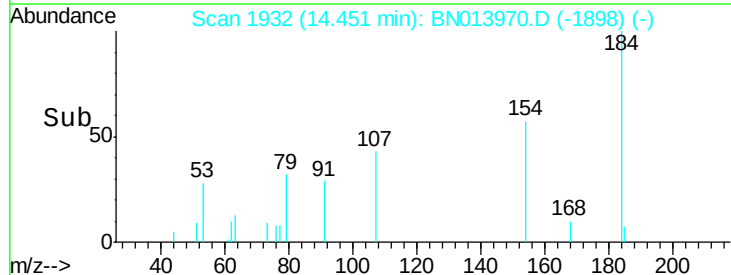
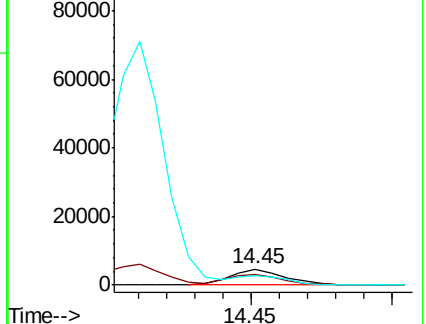
154 56.6 51.4 77.2

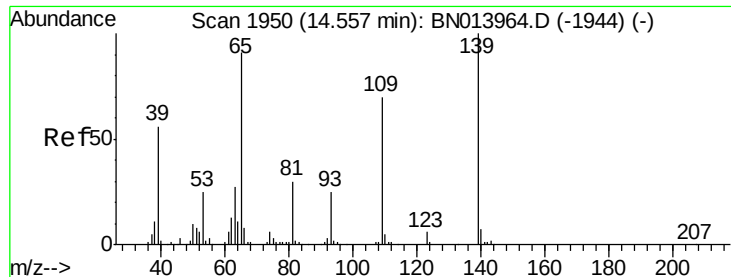


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BN0

Ion 154.00 (153.70 to 154.70): E





#55

4-Nitrophenol

Concen: 4.332 ng/ul

RT: 14.55 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT2-2021-03

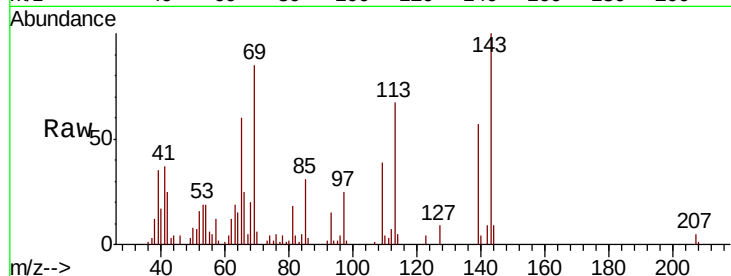
Tot Ion:109 Resp: 16310

Ion Ratio Lower Upper

109 100

139 147.6 107.1 160.7

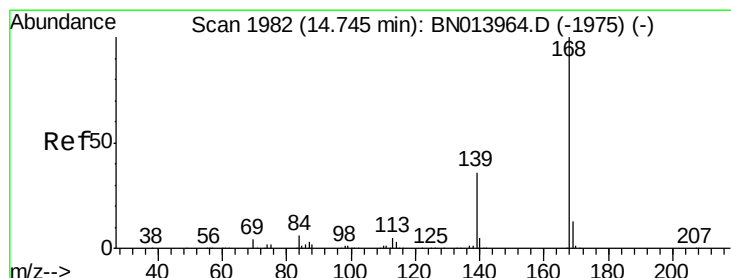
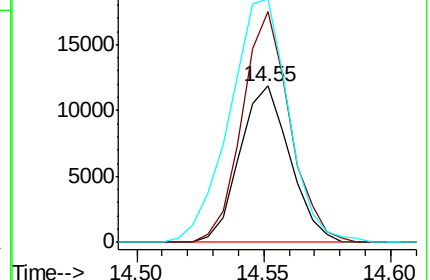
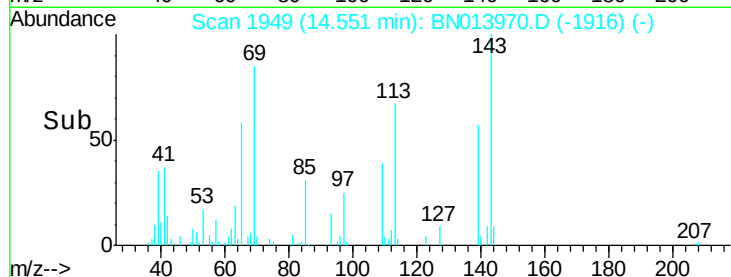
65 155.6 107.1 160.7



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): BNC



#56

Dibenzofuran

Concen: 4.861 ng/ul

RT: 14.75 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BN013970.D

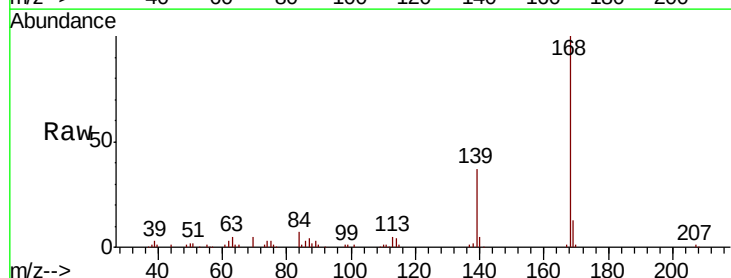
Acq: 17 Mar 2021 14:58

Tgt Ion:168 Resp: 152849

Ion Ratio Lower Upper

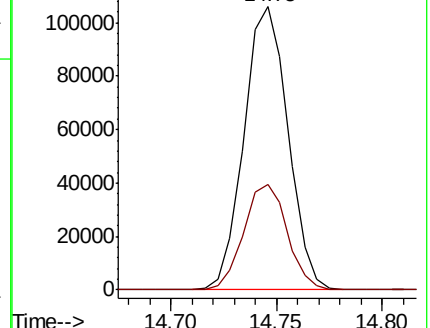
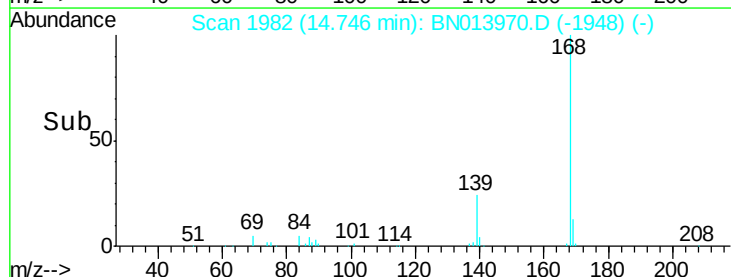
168 100

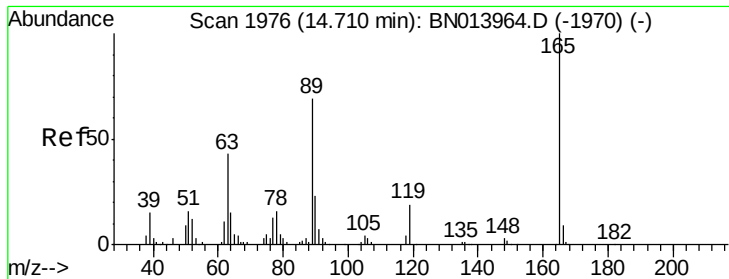
139 37.4 29.4 44.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

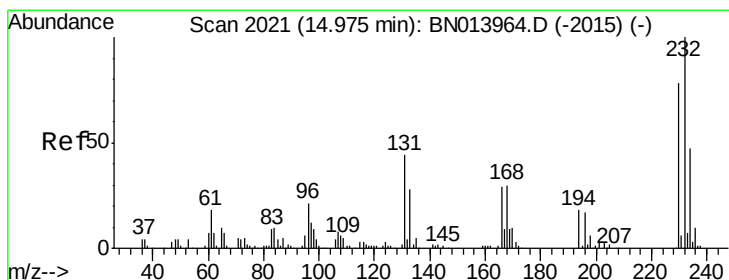
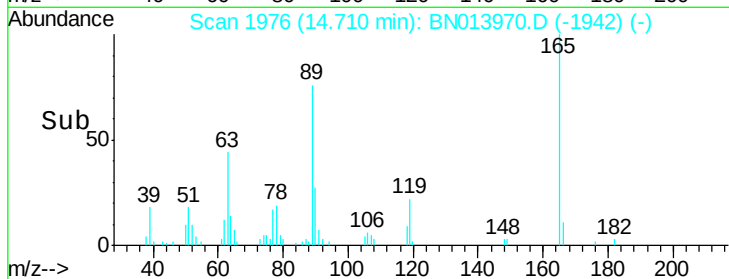
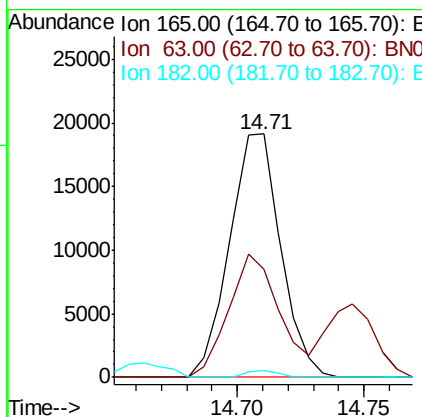
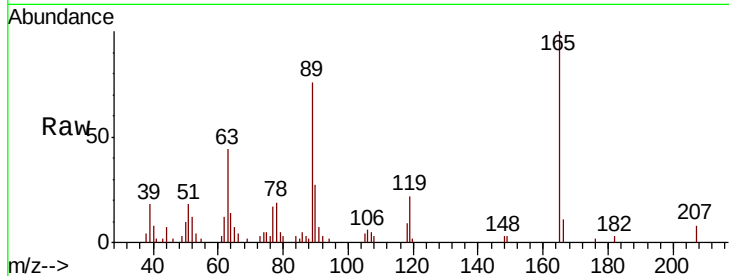




#57
 2,4-Dinitrotoluene
 Concen: 4.217 ng/ul
 RT: 14.71 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: BN013970.D
 Acq: 17 Mar 2021 14:58

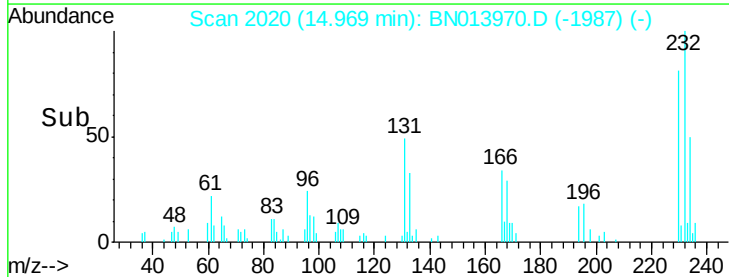
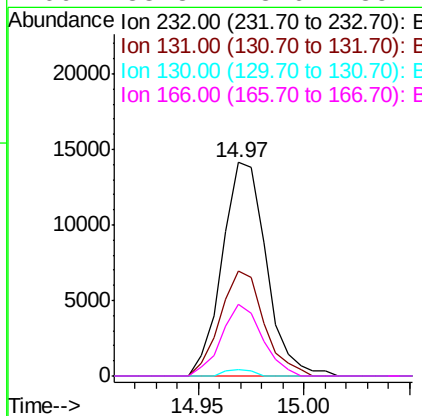
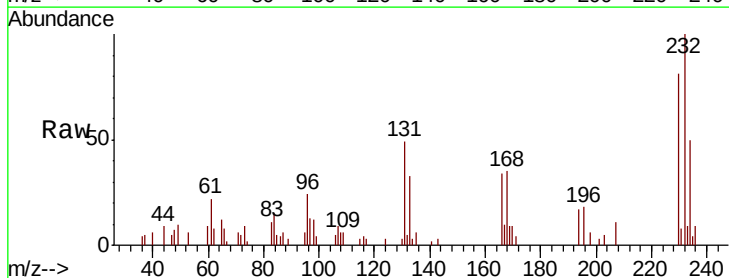
Instrument :
 BNA_N
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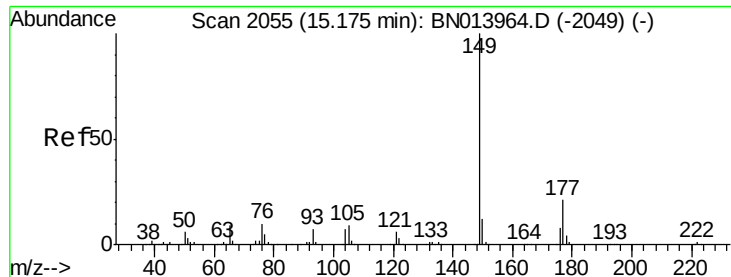
Tot Ion:165 Resp: 26831
 Ion Ratio Lower Upper
 165 100
 63 44.5 36.2 54.2
 182 2.7 1.9 2.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.901 ng/ul
 RT: 14.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BN013970.D
 Acq: 17 Mar 2021 14:58

Tgt Ion:232 Resp: 20438
 Ion Ratio Lower Upper
 232 100
 131 49.0 35.6 53.4
 130 3.2 2.3 3.5
 166 33.8 23.6 35.4

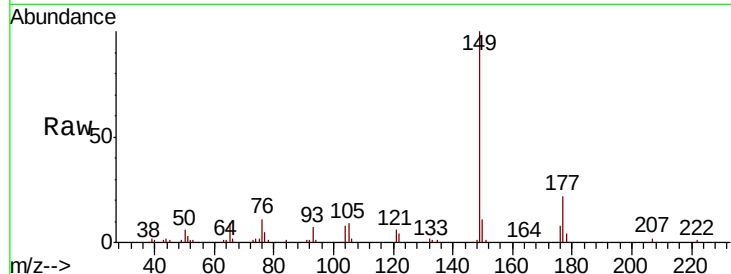




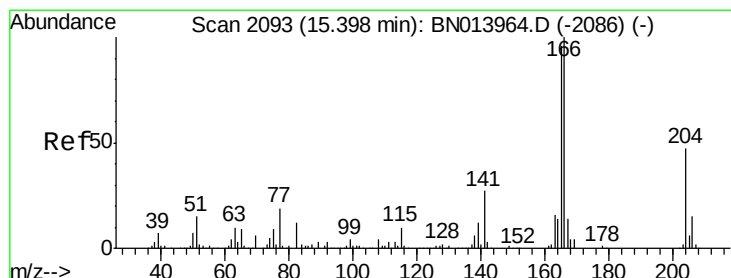
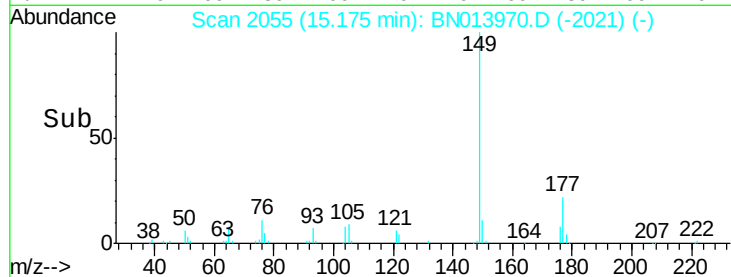
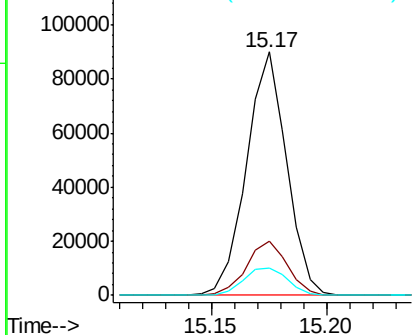
#59
Diethylphthalate
Concen: 4.462 ng/ul
RT: 15.17 min Scan# 2055
Delta R.T. 0.00 min
Lab File: BN013970.D
Acq: 17 Mar 2021 14:58

Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2021-03

Tot Ion:149 Resp: 108964
Ion Ratio Lower Upper
149 100
177 22.0 17.0 25.6
150 11.2 10.1 15.1

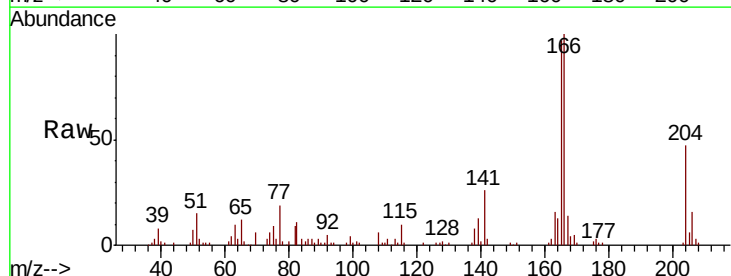


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

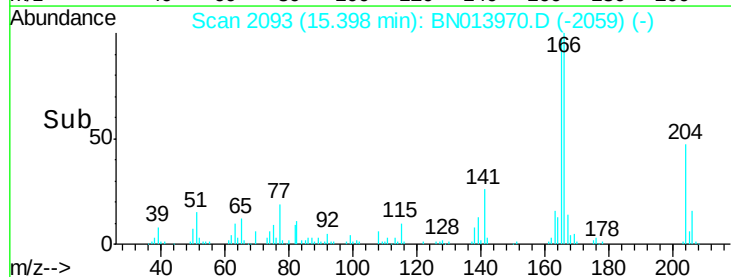
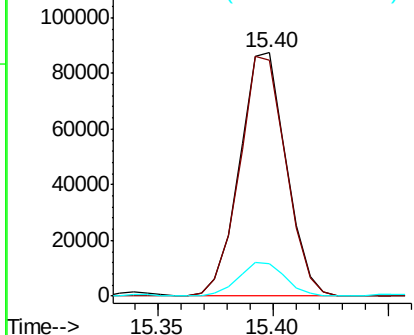


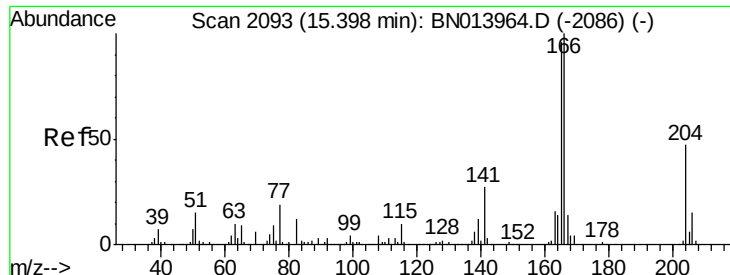
#61
Fluorene
Concen: 4.836 ng/ul
RT: 15.40 min Scan# 2093
Delta R.T. 0.00 min
Lab File: BN013970.D
Acq: 17 Mar 2021 14:58

Tgt Ion:166 Resp: 122766
Ion Ratio Lower Upper
166 100
165 96.8 76.9 115.3
167 13.6 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

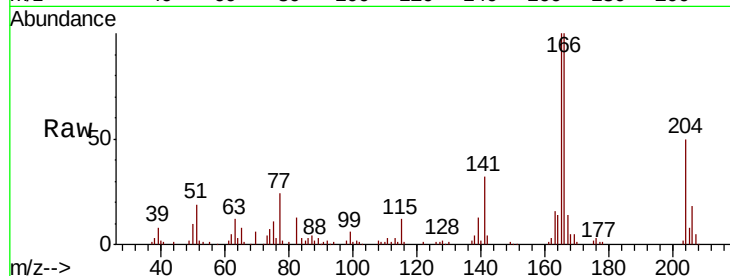




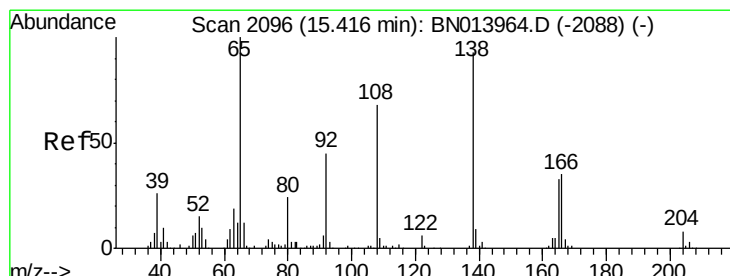
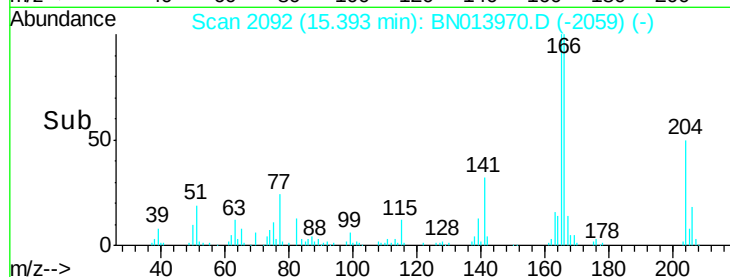
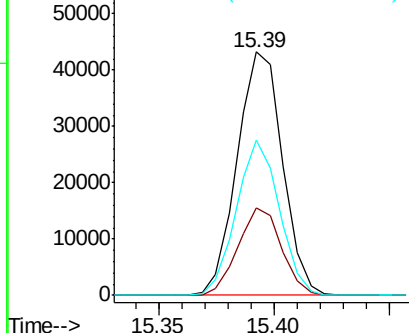
#62
4-Chlorophenyl-phenylether
Concen: 4.842 ng/ul
RT: 15.39 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BN013970.D
Acq: 17 Mar 2021 14:58

Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2021-03

Tot Ion:204 Resp: 59330
Ion Ratio Lower Upper
204 100
206 35.9 28.6 43.0
141 63.8 49.0 73.6

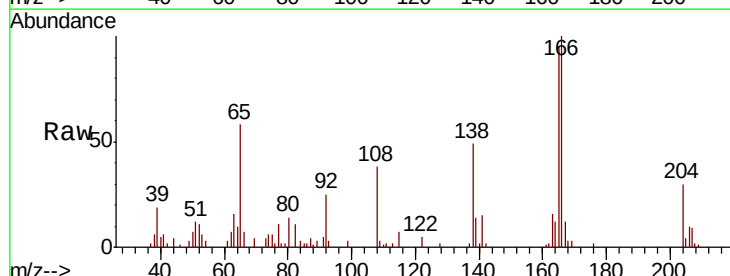


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

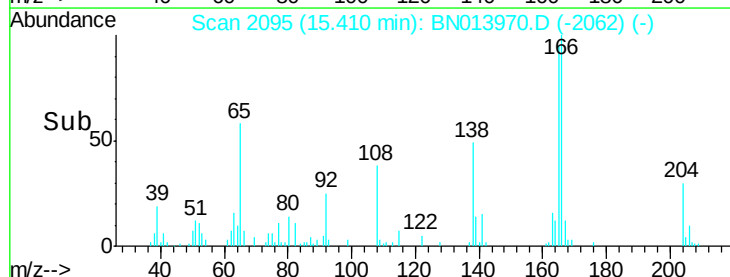
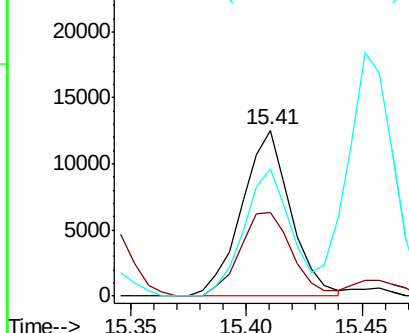


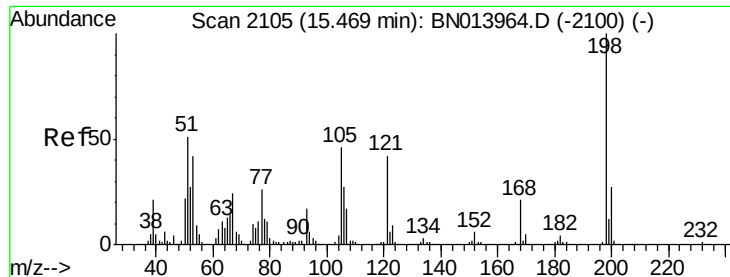
#63
4-Nitroaniline
Concen: 3.512 ng/ul
RT: 15.41 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BN013970.D
Acq: 17 Mar 2021 14:58

Tgt Ion:138 Resp: 18410
Ion Ratio Lower Upper
138 100
92 50.7 41.8 62.6
108 76.6 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

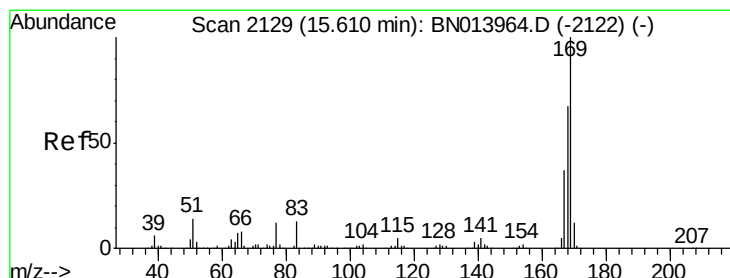
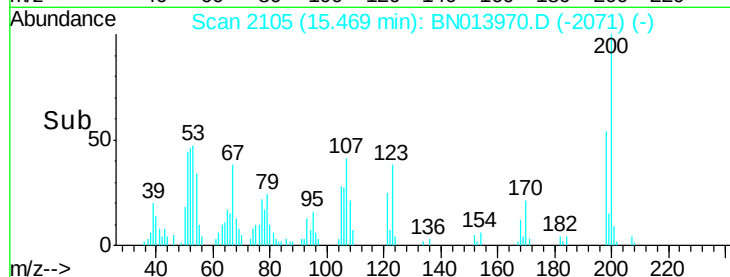
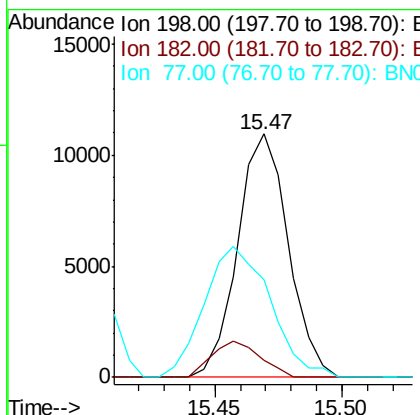
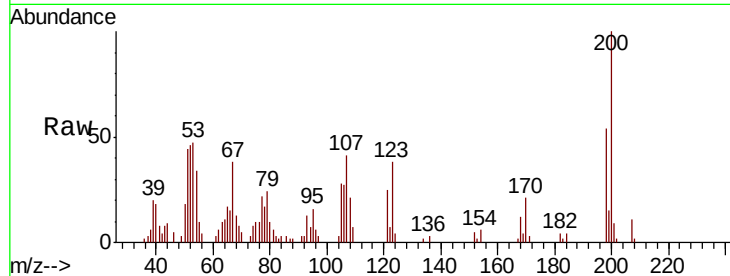




#66
4,6-Dinitro-2-methylphenol
Concen: 4.076 ng/ul
RT: 15.47 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BN013970.D
Acq: 17 Mar 2021 14:58

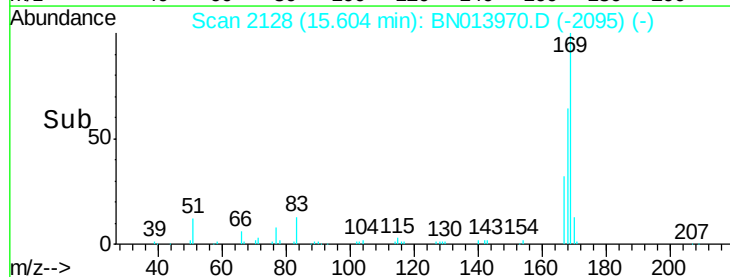
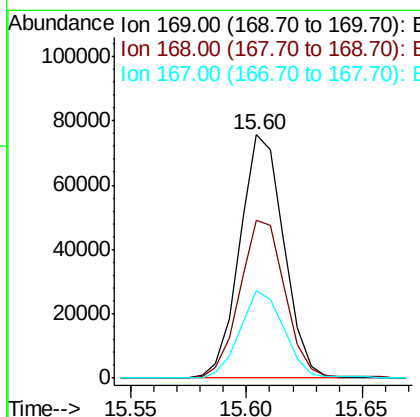
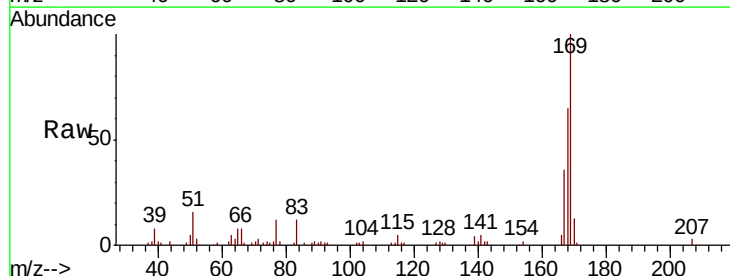
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2021-03

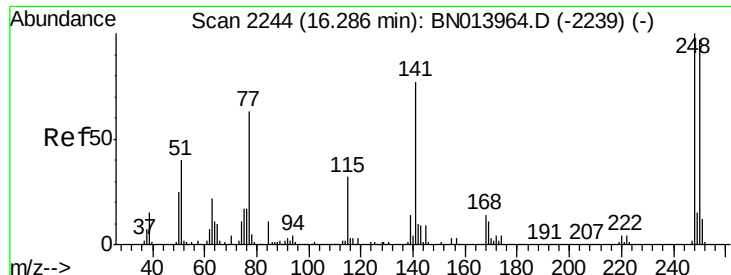
Tot Ion:198 Resp: 15198
Ion Ratio Lower Upper
198 100
182 6.8 4.6 7.0
77 40.3 24.4 36.6#



#67
N-Nitrosodiphenylamine
Concen: 4.672 ng/ul
RT: 15.60 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BN013970.D
Acq: 17 Mar 2021 14:58

Tgt Ion:169 Resp: 100457
Ion Ratio Lower Upper
169 100
168 64.8 53.8 80.6
167 35.8 28.4 42.6

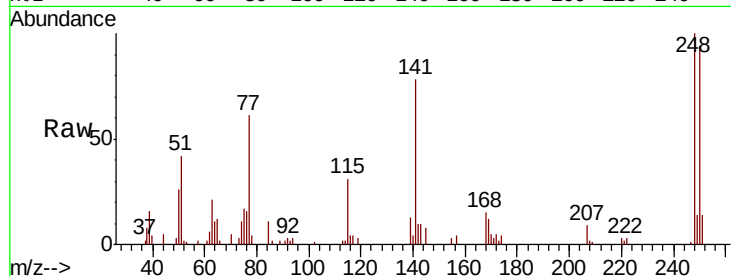




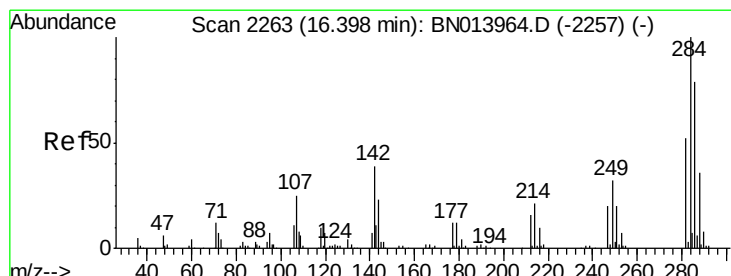
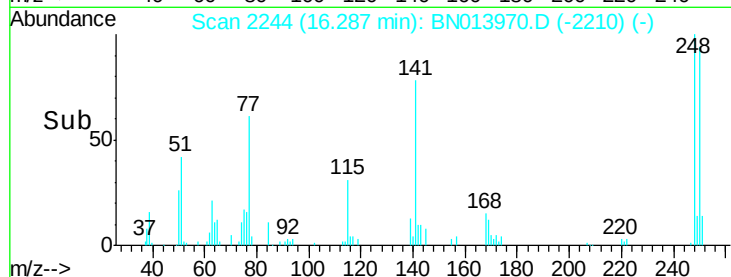
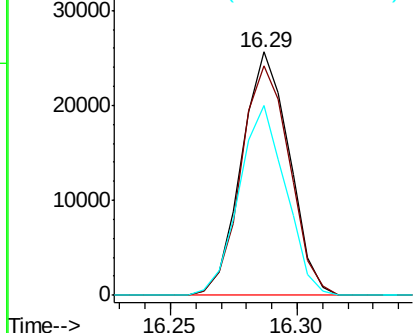
#68
4-Bromophenyl-phenylether
Concen: 4.665 ng/ul
RT: 16.29 min Scan# 2244
Delta R.T. 0.00 min
Lab File: BN013970.D
Acq: 17 Mar 2021 14:58

Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2021-03

Tot Ion:248 Resp: 33681
Ion Ratio Lower Upper
248 100
250 94.3 76.5 114.7
141 77.8 62.9 94.3

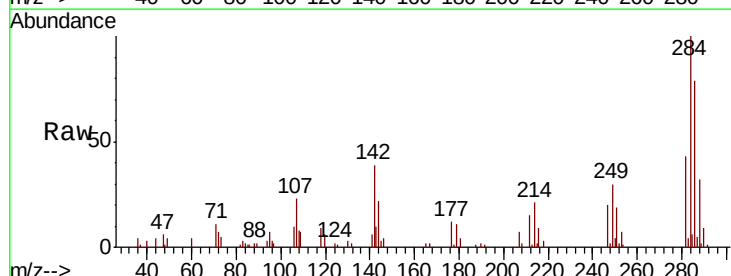


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

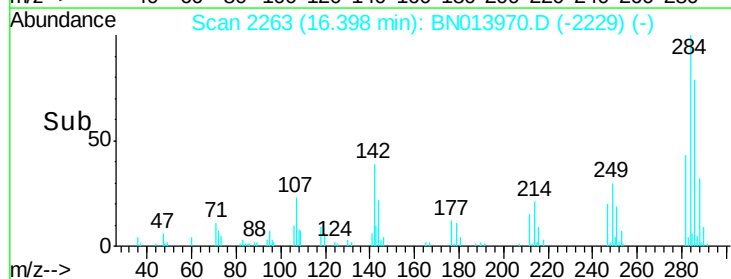
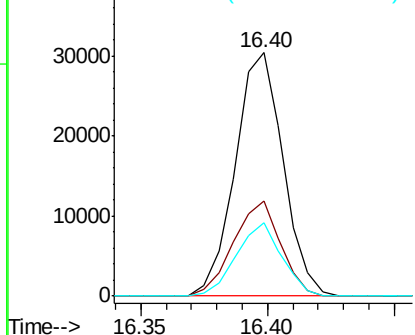


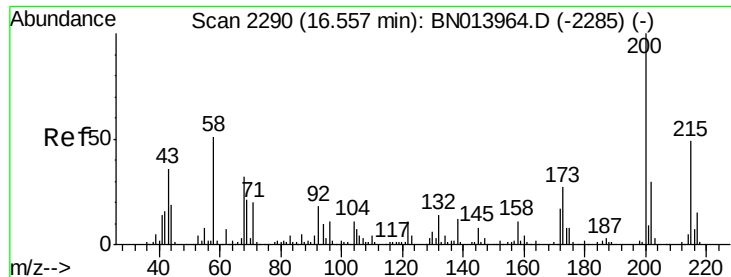
#69
Hexachlorobenzene
Concen: 4.783 ng/ul
RT: 16.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BN013970.D
Acq: 17 Mar 2021 14:58

Tgt Ion:284 Resp: 40027
Ion Ratio Lower Upper
284 100
142 39.0 31.7 47.5
249 29.9 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: 3.665 ng/ul

RT: 16.56 min Scan# 2290

Delta R.T. 0.00 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

Instrument :

BNA_N

ClientSampleId :

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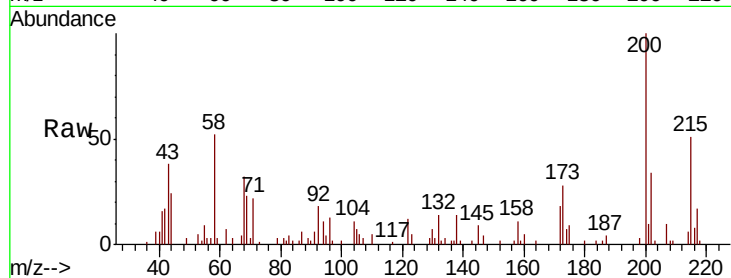
Tot Ion:200 Resp: 26676

Ion Ratio Lower Upper

200 100

173 28.1 21.1 31.7

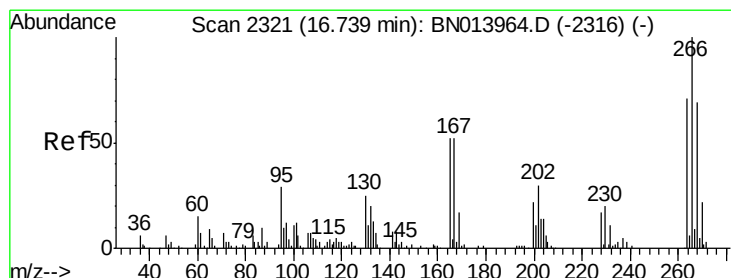
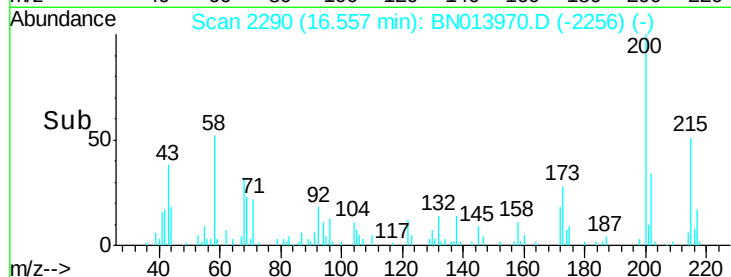
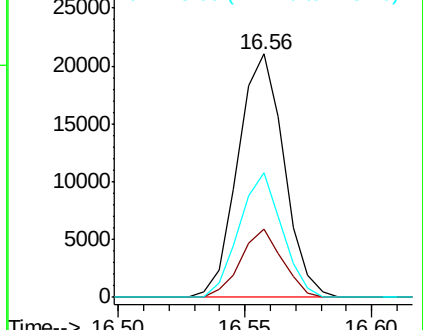
215 51.1 38.2 57.2



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: 2.874 ng/ul

RT: 16.74 min Scan# 2321

Delta R.T. 0.00 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

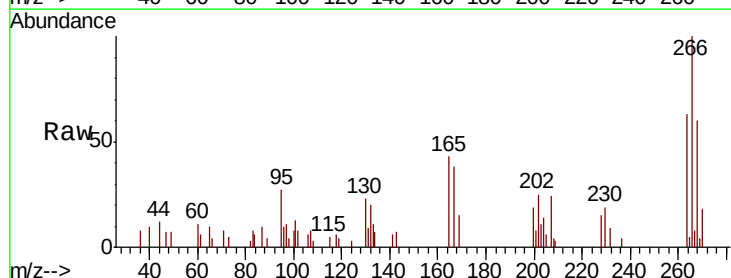
Tgt Ion:266 Resp: 12908

Ion Ratio Lower Upper

266 100

264 62.9 50.1 75.1

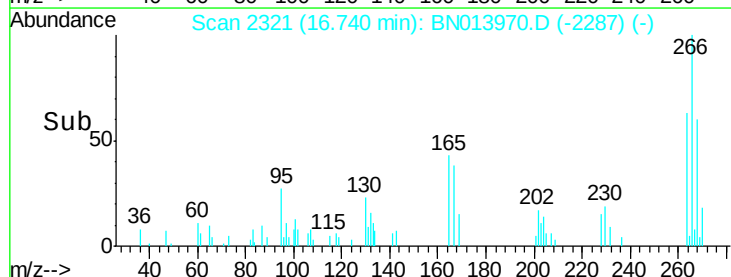
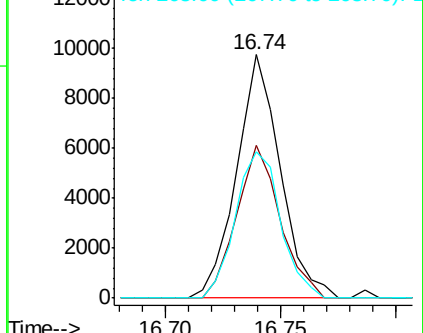
268 60.1 52.7 79.1

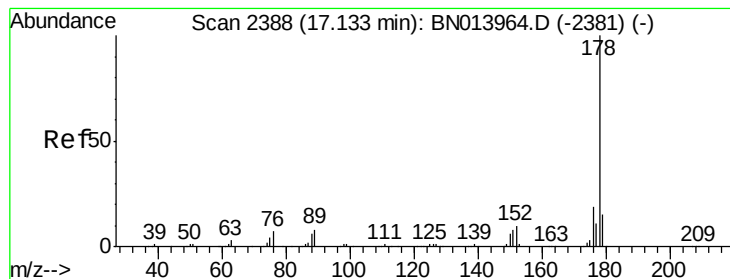


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#72

Phenanthrene

Concen: 4.859 ng/ul

RT: 17.13 min Scan# 2388

Delta R.T. 0.00 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT2-2021-03

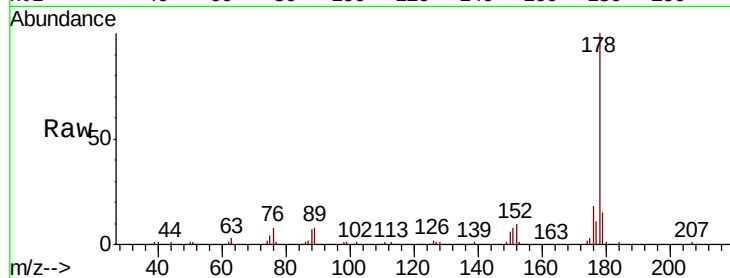
Tot Ion:178 Resp: 195662

Ion Ratio Lower Upper

178 100

179 15.4 11.9 17.9

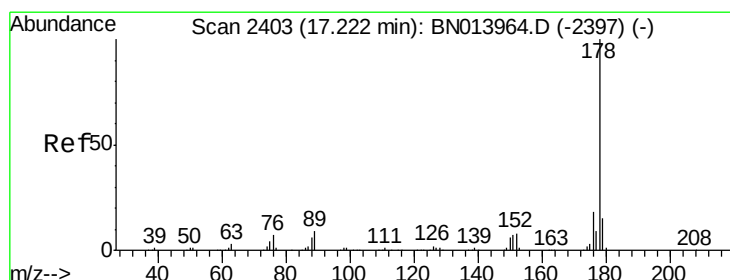
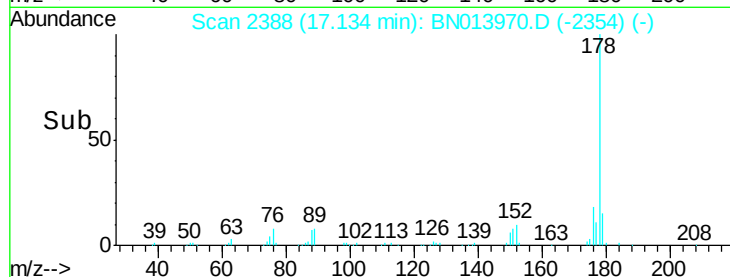
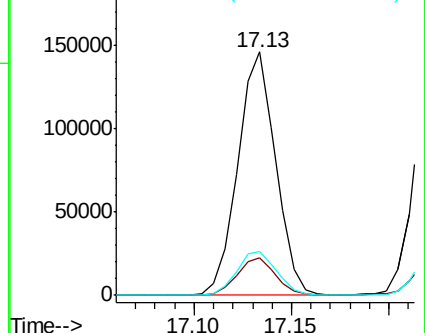
176 17.9 15.0 22.4



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: 4.777 ng/ul

RT: 17.22 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

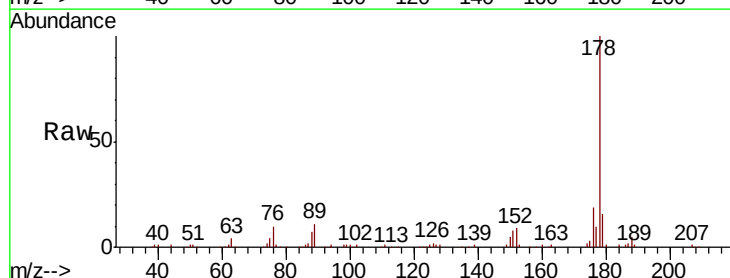
Tgt Ion:178 Resp: 196572

Ion Ratio Lower Upper

178 100

179 15.9 11.8 17.6

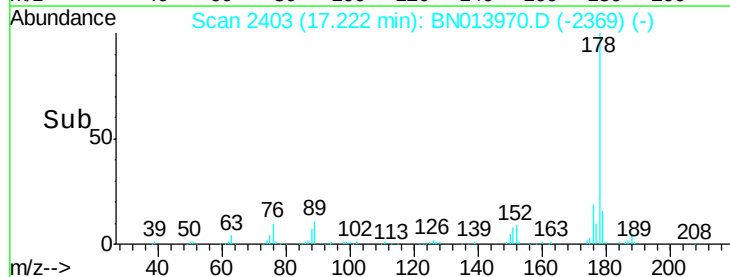
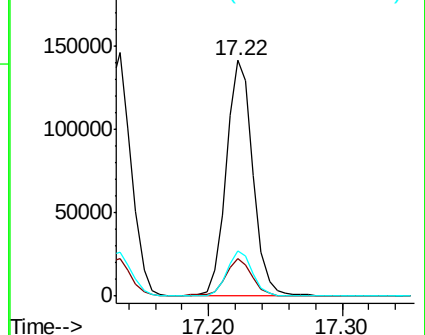
176 19.0 14.2 21.2

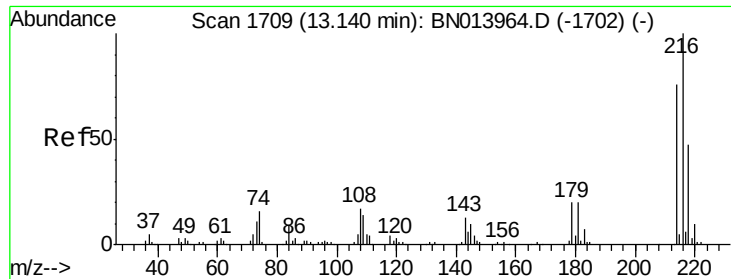


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

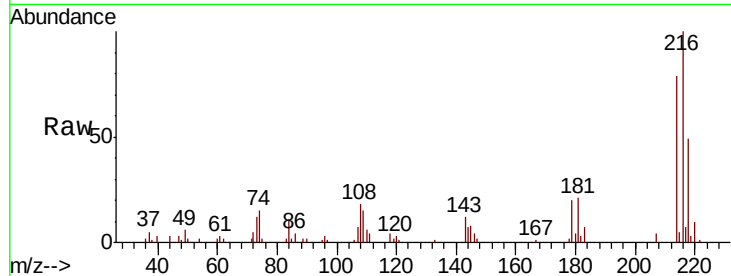




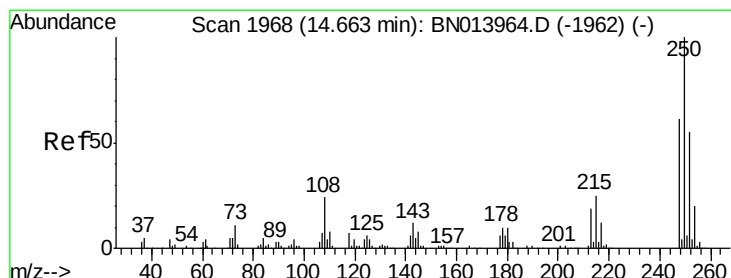
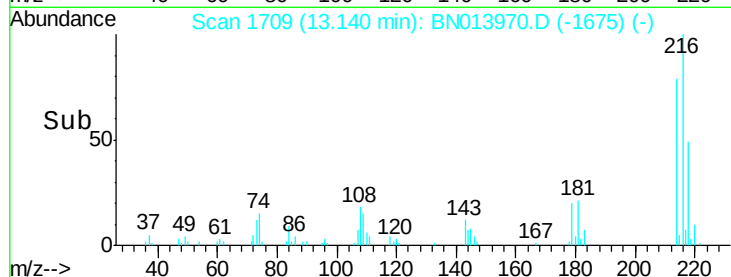
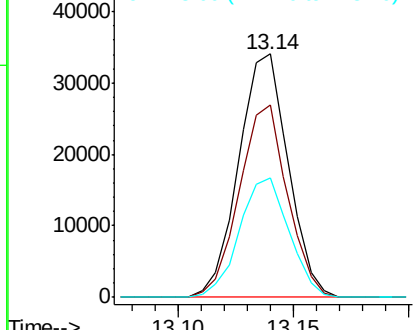
#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 4.632 ng/uL
 RT: 13.14 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BN013970.D
 Acq: 17 Mar 2021 14:58

Instrument :
 BNA_N
 ClientSampleId :
 MDL-MED-SOIL-QT2-2021-03

Tot Ion:216 Resp: 50994
 Ion Ratio Lower Upper
 216 100
 214 78.9 62.3 93.5
 218 49.3 40.2 60.2

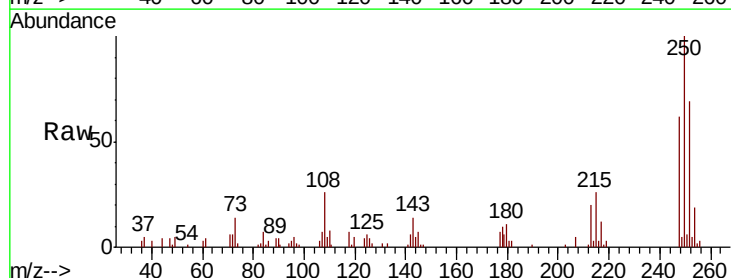


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E

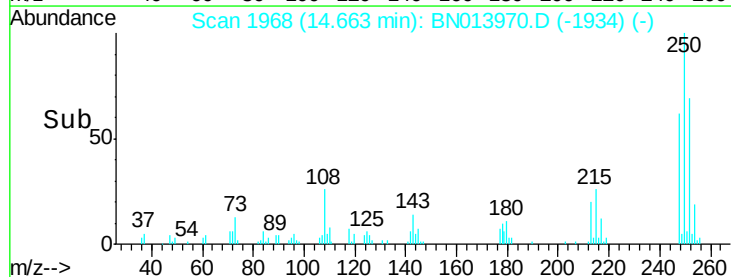
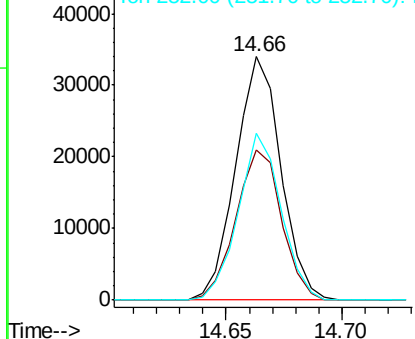


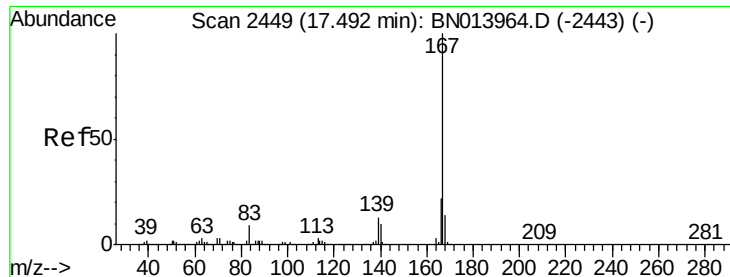
#76
 Pentachlorobenzene
 Concen: 4.230 ng/uL
 RT: 14.66 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: BN013970.D
 Acq: 17 Mar 2021 14:58

Tgt Ion:250 Resp: 46477
 Ion Ratio Lower Upper
 250 100
 248 61.8 50.6 76.0
 252 68.8 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

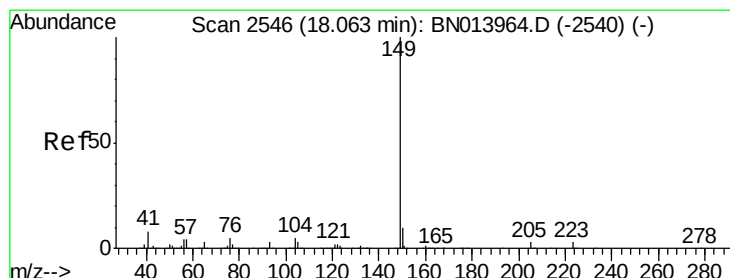
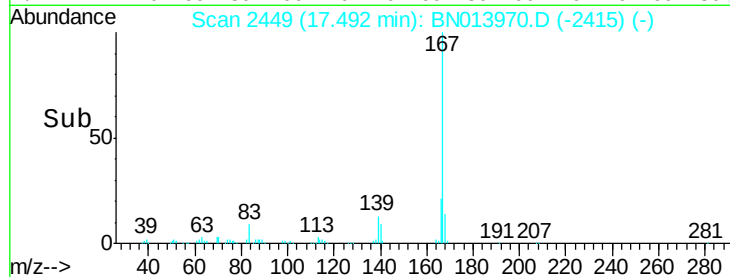
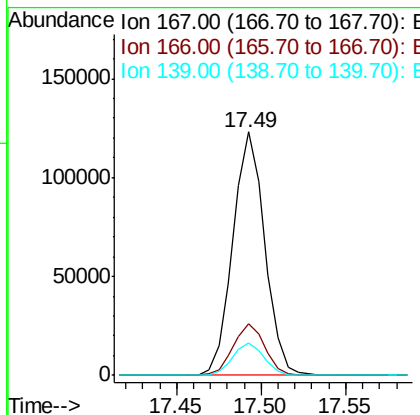
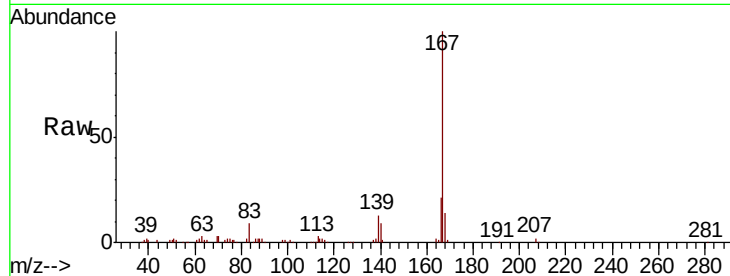




#77
 Carbazole
 Concen: 4.429 ng/ul
 RT: 17.49 min Scan# 2449
 Delta R.T. 0.00 min
 Lab File: BN013970.D
 Acq: 17 Mar 2021 14:58

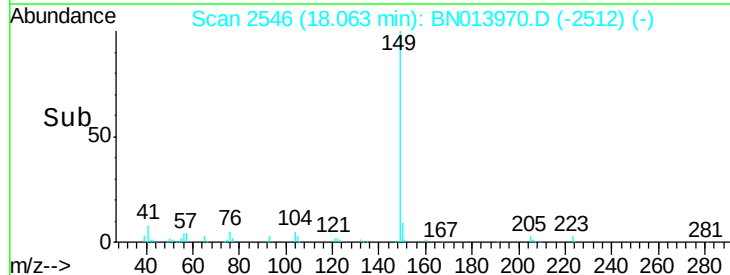
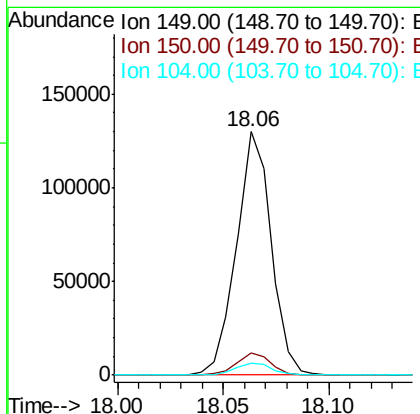
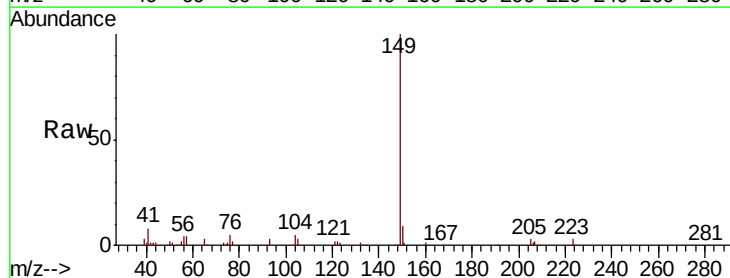
Instrument :
 BNA_N
 ClientSampleId :
 MDL-MED-SOIL-QT2-2021-03

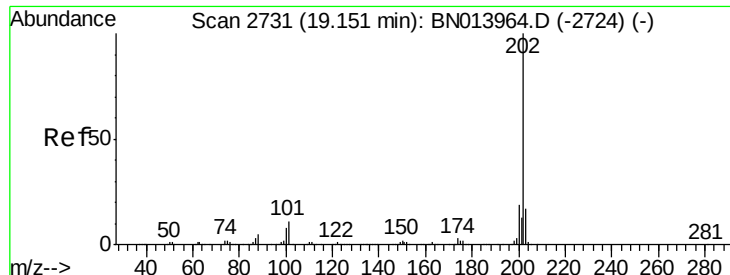
Tot Ion:167 Resp: 161922
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.2 25.8
 139 13.4 10.1 15.1



#78
 Di-n-butylphthalate
 Concen: 3.927 ng/ul
 RT: 18.06 min Scan# 2546
 Delta R.T. 0.00 min
 Lab File: BN013970.D
 Acq: 17 Mar 2021 14:58

Tgt Ion:149 Resp: 148170
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 5.0 4.4 6.6

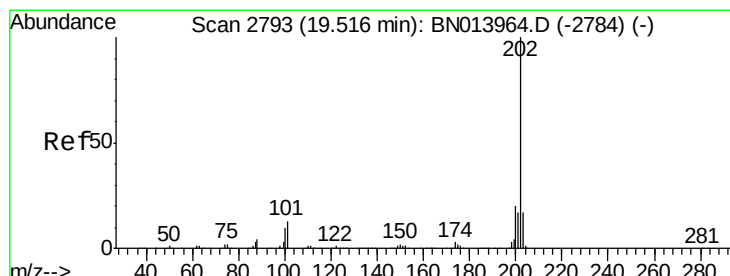
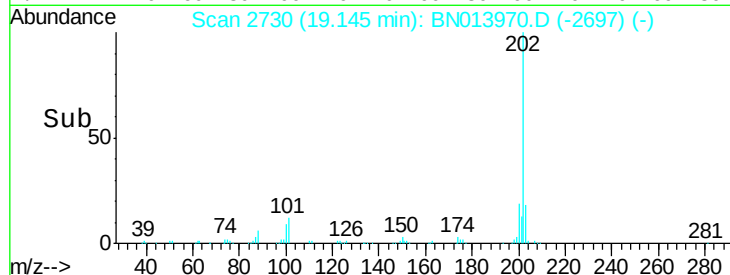
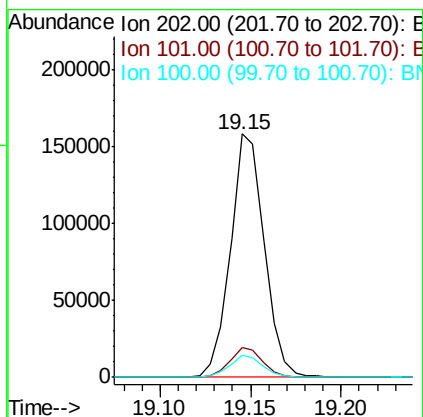
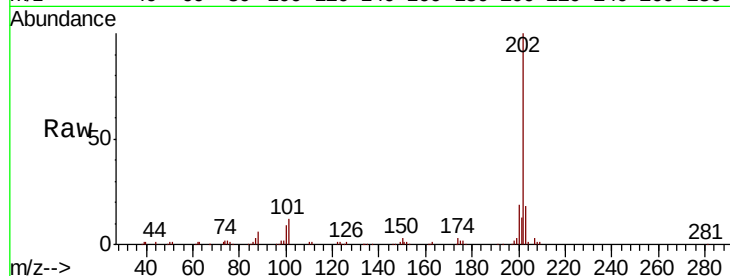




#80
Fluoranthene
Concen: 4.677 ng/ul
RT: 19.15 min Scan# 2730
Delta R.T. -0.01 min
Lab File: BN013970.D
Acq: 17 Mar 2021 14:58

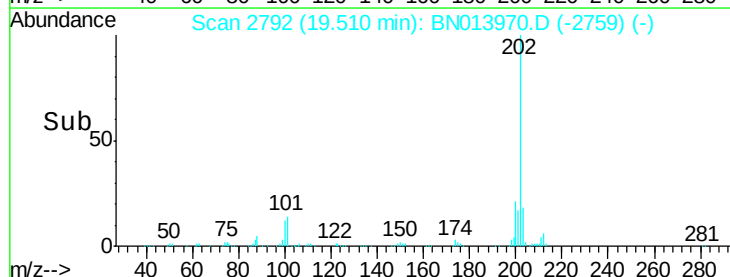
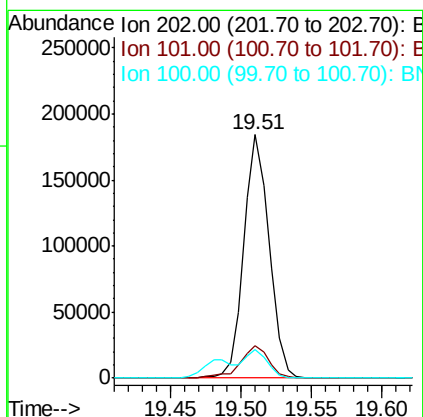
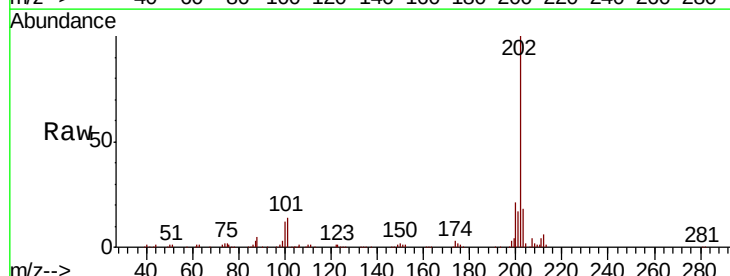
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2021-03

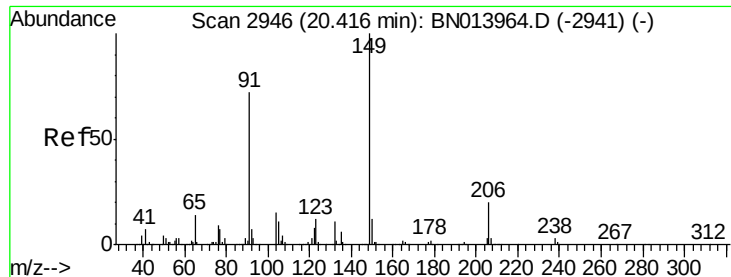
Tot Ion:	202	Resp:	205540
Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.0	13.6
100	8.9	7.5	11.3



#82
Pyrene
Concen: 4.923 ng/ul
RT: 19.51 min Scan# 2792
Delta R.T. -0.01 min
Lab File: BN013970.D
Acq: 17 Mar 2021 14:58

Tgt Ion:	202	Resp:	232053
Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.4	15.6
100	11.8	8.8	13.2

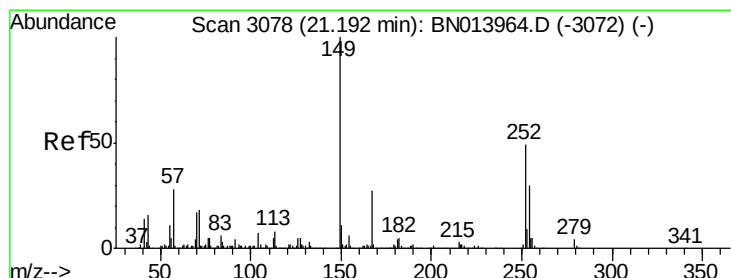
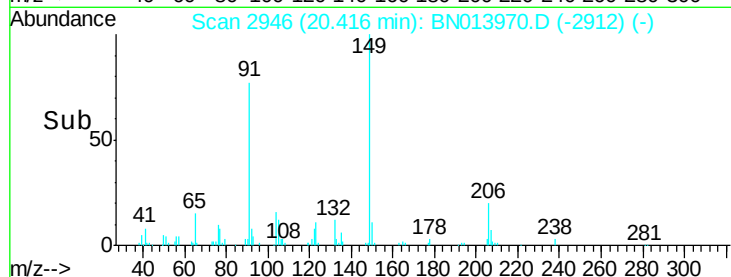
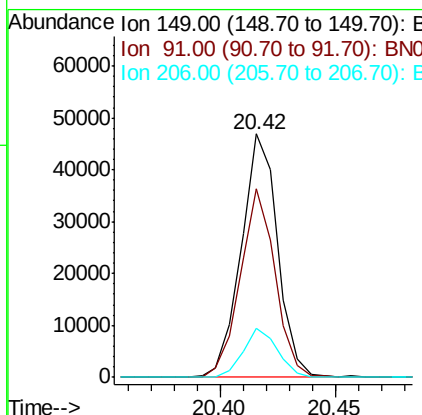
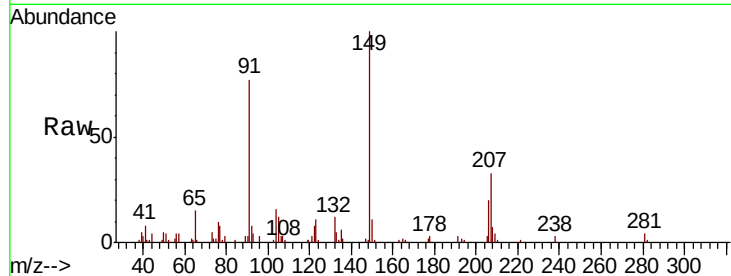




#83
Butylbenzylphthalate
Concen: 3.445 ng/ul
RT: 20.42 min Scan# 2946
Delta R.T. 0.00 min
Lab File: BN013970.D
Acq: 17 Mar 2021 14:58

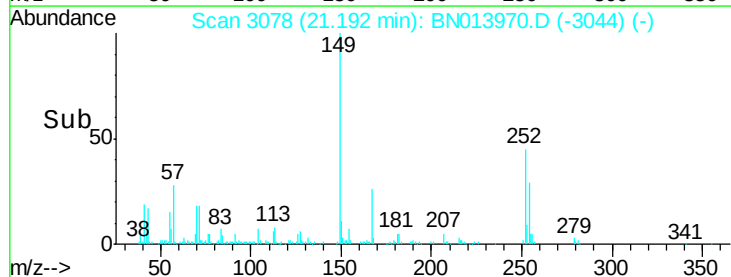
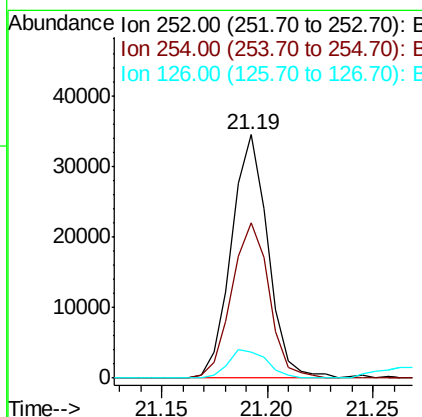
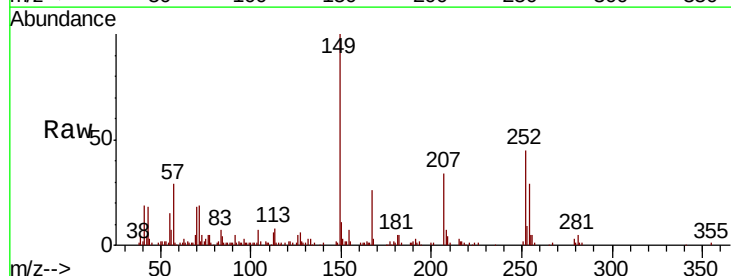
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2021-03

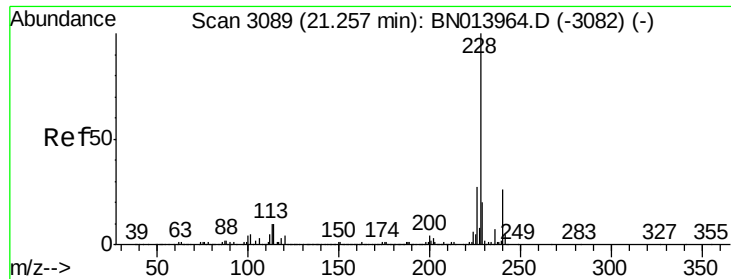
Tot Ion:149 Resp: 51617
Ion Ratio Lower Upper
149 100
91 77.4 62.4 93.6
206 19.9 15.3 22.9



#84
3,3'-Dichlorobenzidine
Concen: 3.350 ng/ul
RT: 21.19 min Scan# 3078
Delta R.T. 0.00 min
Lab File: BN013970.D
Acq: 17 Mar 2021 14:58

Tgt Ion:252 Resp: 41124
Ion Ratio Lower Upper
252 100
254 63.7 49.4 74.0
126 10.9 9.4 14.0

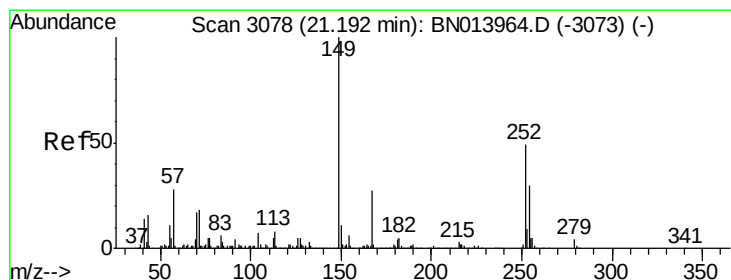
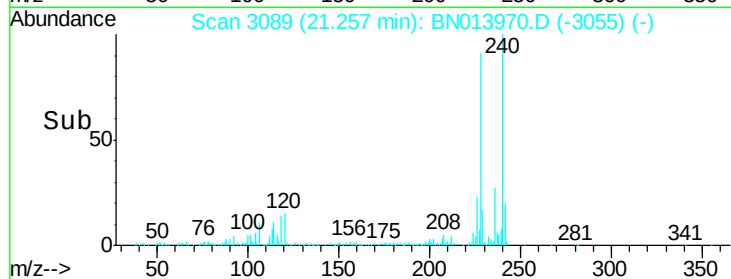
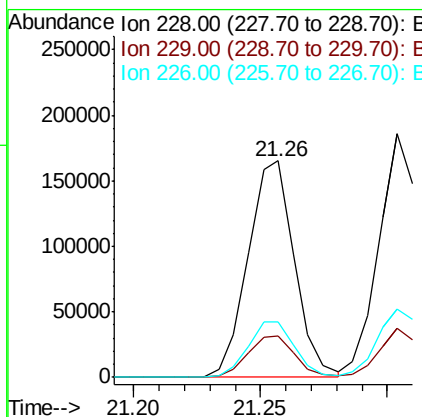
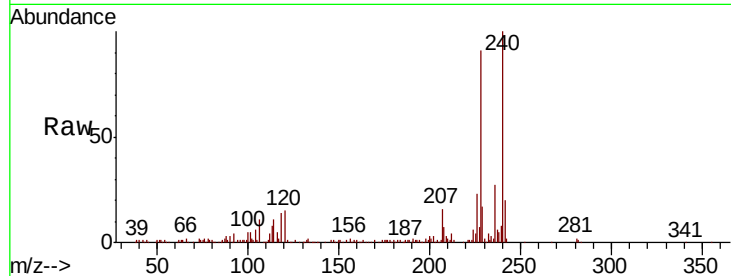




#85
Benzo(a)anthracene
Concen: 4.711 ng/ul
RT: 21.26 min Scan# 3089
Delta R.T. 0.00 min
Lab File: BN013970.D
Acq: 17 Mar 2021 14:58

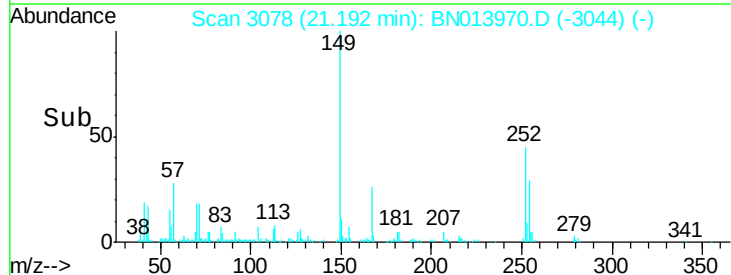
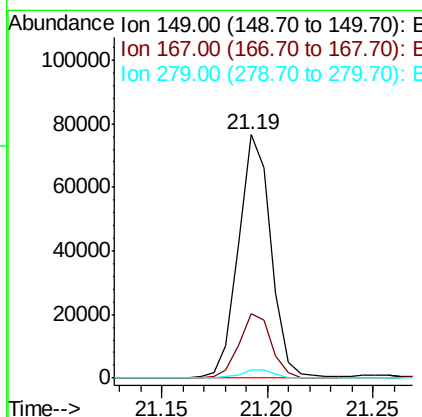
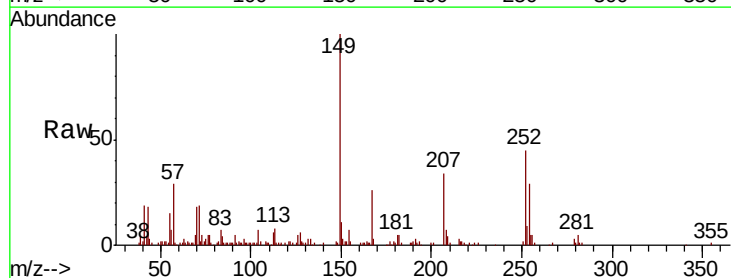
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2021-03

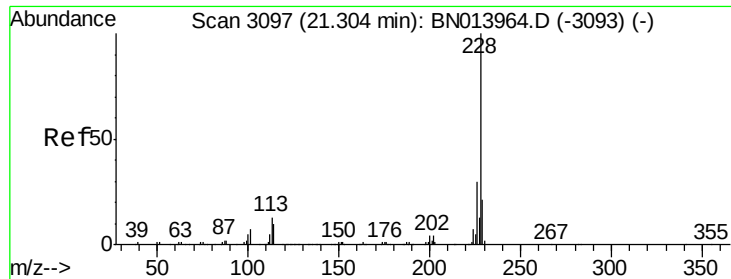
Tot Ion:228 Resp: 210999
Ion Ratio Lower Upper
228 100
229 18.9 14.6 22.0
226 25.6 21.0 31.6



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.531 ng/ul
RT: 21.19 min Scan# 3078
Delta R.T. 0.00 min
Lab File: BN013970.D
Acq: 17 Mar 2021 14:58

Tgt Ion:149 Resp: 81764
Ion Ratio Lower Upper
149 100
167 26.3 21.4 32.0
279 3.4 3.0 4.4

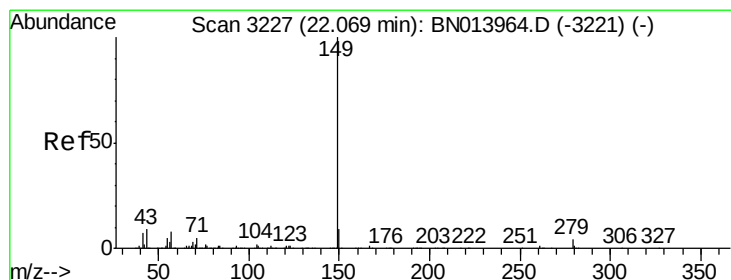
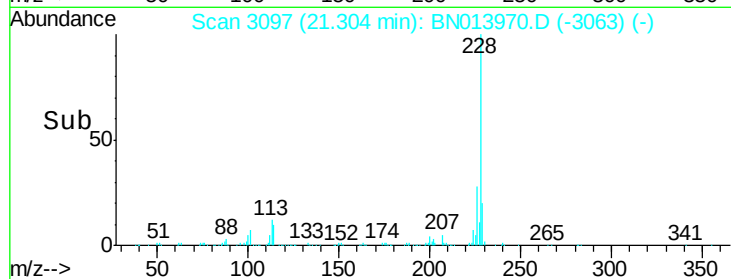
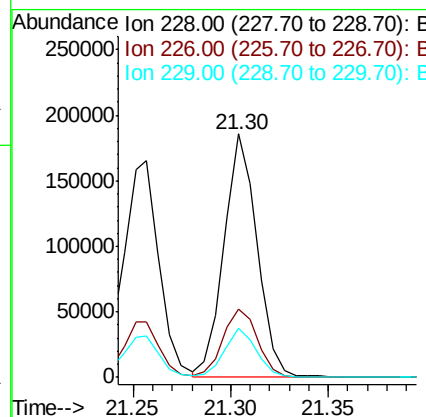
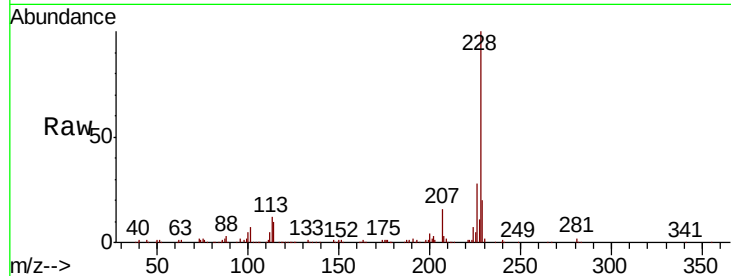




#87
 Chrysene
 Concen: 4.954 ng/ul
 RT: 21.30 min Scan# 3097
 Delta R.T. 0.00 min
 Lab File: BN013970.D
 Acq: 17 Mar 2021 14:58

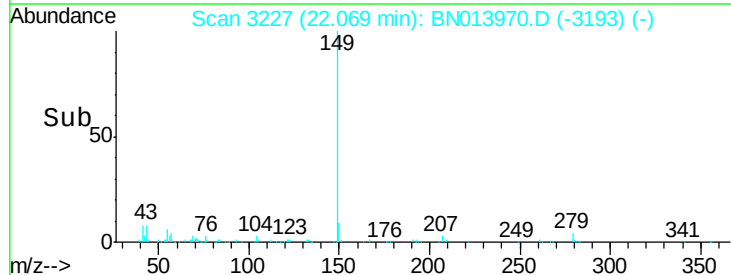
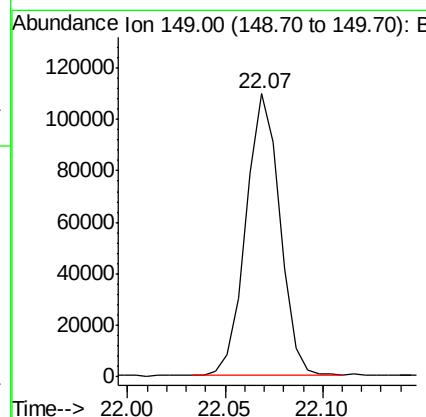
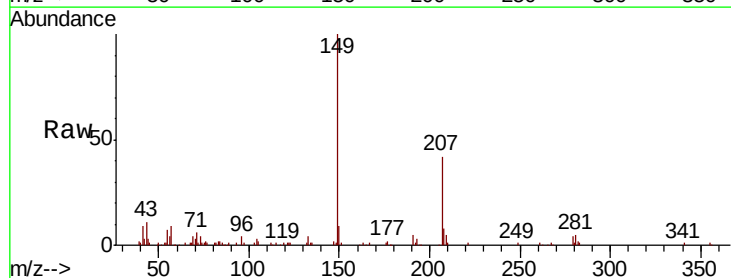
Instrument :
 BNA_N
 ClientSampleId :
 MDL-MED-SOIL-QT2-2021-03

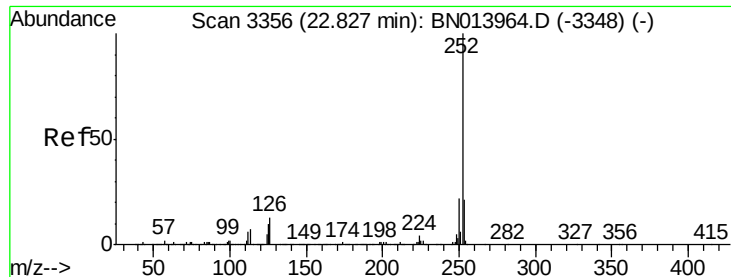
Tot Ion:228 Resp: 217766
 Ion Ratio Lower Upper
 228 100
 226 28.0 23.8 35.6
 229 20.1 15.0 22.6



#89
 Di-n-octyl phthalate
 Concen: 2.839 ng/ul
 RT: 22.07 min Scan# 3227
 Delta R.T. 0.00 min
 Lab File: BN013970.D
 Acq: 17 Mar 2021 14:58

Tgt Ion:149 Resp: 131933





#90

Benzo(b)fluoranthene

Concen: 4.595 ng/ul

RT: 22.83 min Scan# 3356

Delta R.T. 0.00 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

Instrument :

BNA_N

ClientSampleId :

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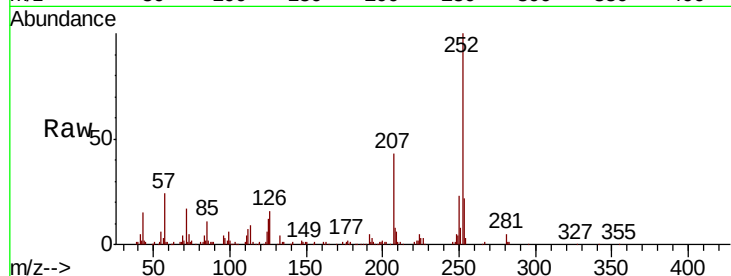
Tot Ion:252 Resp: 215704

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

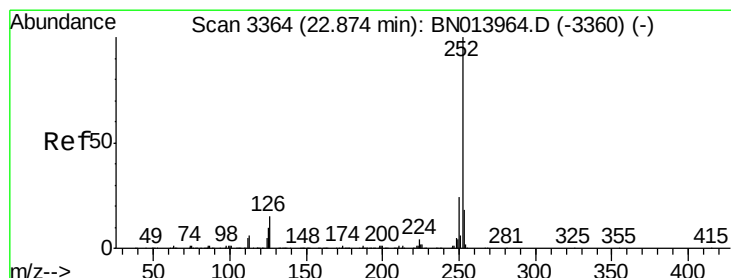
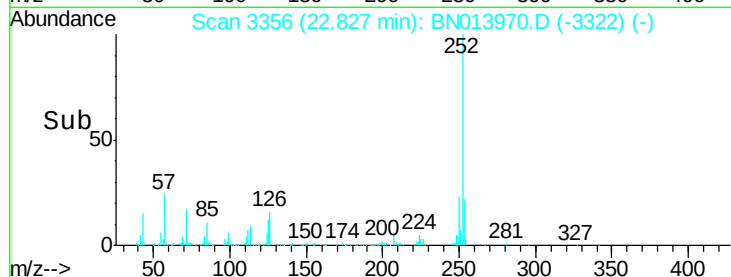
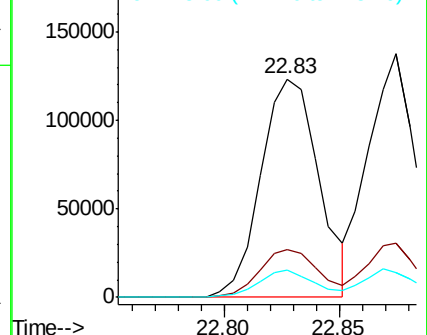
125 12.5 8.7 13.1



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: 4.288 ng/ul

RT: 22.87 min Scan# 3364

Delta R.T. 0.00 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

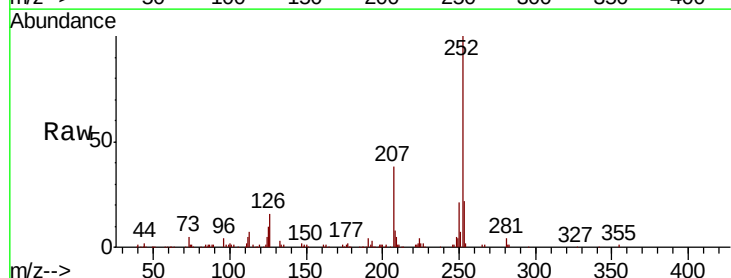
Tgt Ion:252 Resp: 202093

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

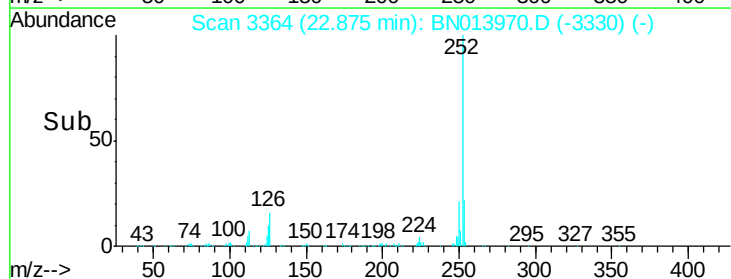
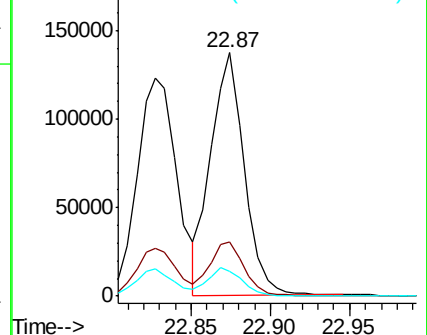
125 10.3 9.1 13.7

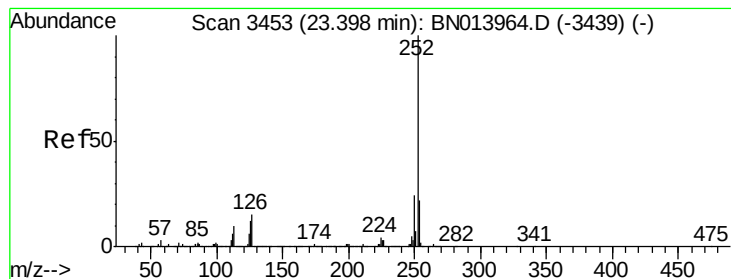


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#93

Benzo(a)pyrene

Concen: 4.929 ng/ul

RT: 23.40 min Scan# 3453

Delta R.T. 0.00 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

Instrument :

BNA_N

ClientSampleId :

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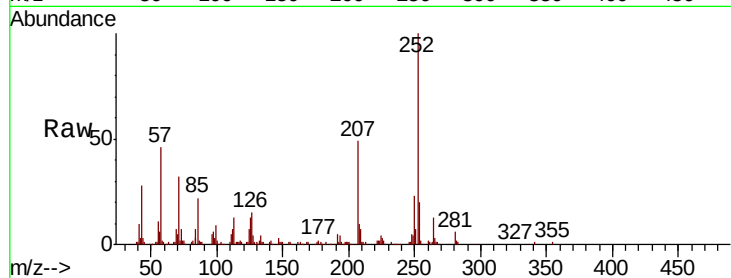
Tot Ion:252 Resp: 208345

Ion Ratio Lower Upper

252 100

253 20.1 15.6 23.4

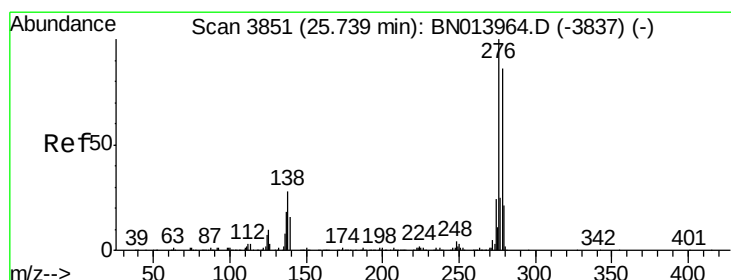
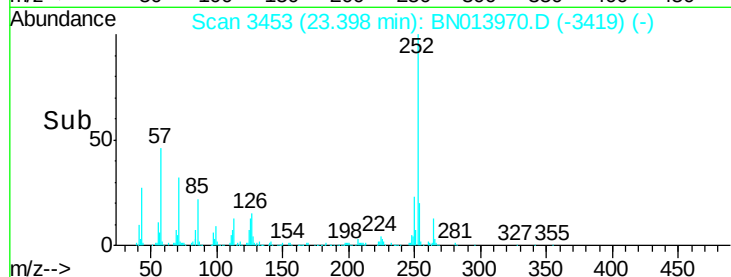
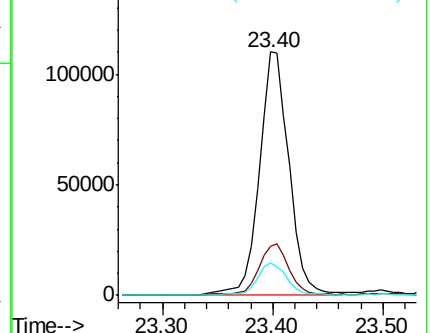
125 13.4 9.5 14.3



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: 4.514 ng/ul

RT: 25.73 min Scan# 3849

Delta R.T. -0.01 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

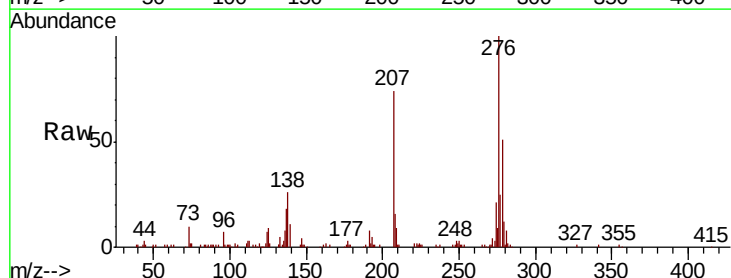
Tgt Ion:276 Resp: 240356

Ion Ratio Lower Upper

276 100

138 26.4 22.7 34.1

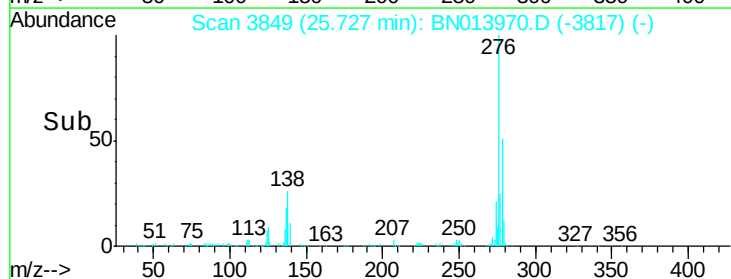
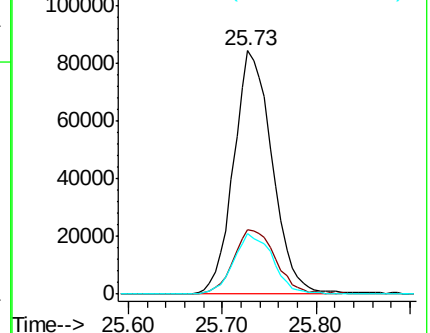
277 24.8 19.4 29.0

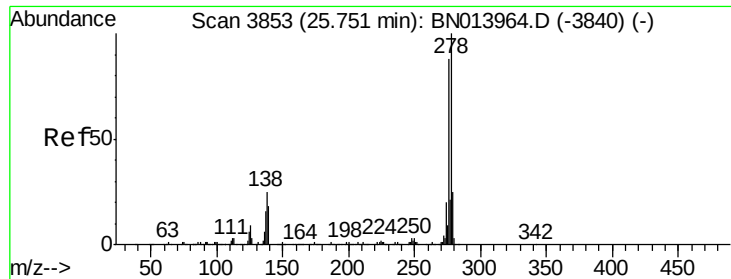


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#95

Dibenzo(a,h)anthracene

Concen: 4.530 ng/ul

RT: 25.74 min Scan# 3852

Delta R.T. -0.01 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT2-2021-03

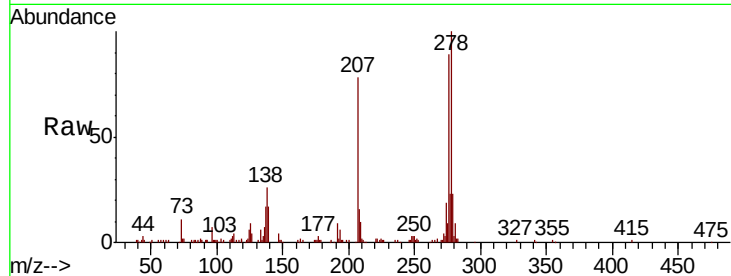
Tot Ion:278 Resp: 203287

Ion Ratio Lower Upper

278 100

139 17.1 13.8 20.8

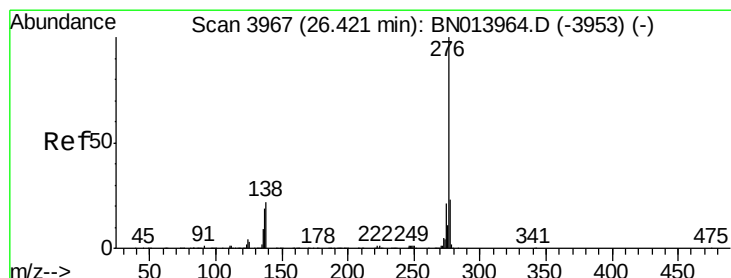
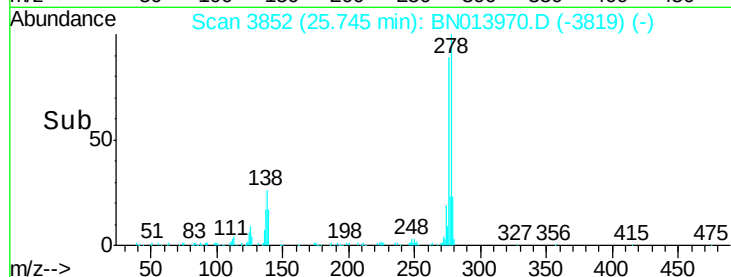
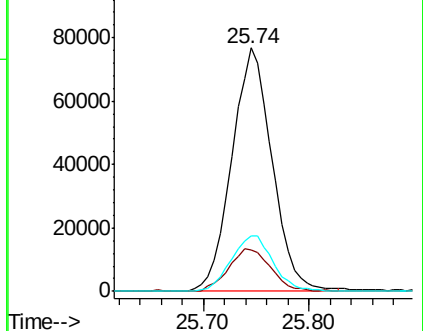
279 22.8 17.5 26.3



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: 4.556 ng/ul

RT: 26.42 min Scan# 3966

Delta R.T. -0.01 min

Lab File: BN013970.D

Acq: 17 Mar 2021 14:58

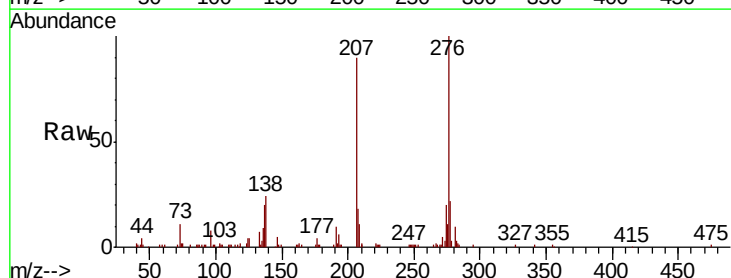
Tgt Ion:276 Resp: 200724

Ion Ratio Lower Upper

276 100

138 24.3 18.9 28.3

277 22.4 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

