

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010821\
 Data File : BN013367.D
 Acq On : 08 Jan 2021 14:38
 Operator : CG/JU
 Sample : L4485-03
 Misc : MDL-SOIL-03
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03

Quant Time: Jan 08 15:08:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN010521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 08 12:05:50 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	277413	20.00	ng/ul	0.00
20) Naphthalene-d8	10.36	136	1163531	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.23	164	704738	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	1457302	20.00	ng/ul	0.00
79) Chrysene-d12	21.17	240	1471417	20.00	ng/ul	0.00
88) Perylene-d12	23.36	264	1446801	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	41796	5.74	ng/uL	0.00
4) Pyridine-d5	3.59	84	462332	25.45	ng/ul	0.00
7) Phenol-d5	6.78	99	846703	36.34	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.95	67	518600	39.97	ng/ul	0.00
11) 2-Chlorophenol-d4	7.14	132	734100	36.17	ng/ul	0.00
15) 4-Methylphenol-d8	8.30	113	717536	38.13	ng/ul	0.00
21) Nitrobenzene-d5	8.74	128	343760	37.09	ng/ul	0.00
24) 2-Nitrophenol-d4	9.46	143	351464	36.79	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.99	165	676320	35.83	ng/ul	0.00
31) 4-Chloroaniline-d4	10.50	131	1003338	38.85	ng/ul	0.00
46) Dimethylphthalate-d6	13.65	166	2095973	38.46	ng/ul	0.00
49) Acenaphthylene-d8	13.92	160	2713928	40.36	ng/ul	0.00
54) 4-Nitrophenol-d4	14.43	143	337978	33.95	ng/ul	0.00
60) Fluorene-d10	15.23	176	1827469	38.76	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	243553	33.96	ng/ul	0.00
73) Anthracene-d10	17.07	188	2767230	39.09	ng/ul	0.00
81) Pyrene-d10	19.37	212	3008478	37.96	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.22	264	2965980	39.26	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.23	88	6690	0.925 ng/uL#	96
5) Pyridine	3.61	79	63257	3.459 ng/ul#	69
6) Benzaldehyde	6.75	77	47191	5.395 ng/ul	93
8) Phenol	6.80	94	74951	3.181 ng/ul	98
10) Bis(2-Chloroethyl)ether	7.04	93	66165	3.543 ng/ul	96
12) 2-Chlorophenol	7.17	128	64170	3.103 ng/ul	99
13) 2-Methylphenol	8.04	108	51275	2.824 ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.13	45	92223	3.524 ng/ul	99
16) Acetophenone	8.41	105	89776	3.250 ng/ul	99
17) N-Nitroso-di-n-propylamine	8.40	70	37966	2.770 ng/ul	92
18) 4-Methylphenol	8.36	108	60538	3.106 ng/ul	95
19) Hexachloroethane	8.66	117	25382	3.128 ng/ul	92
22) Nitrobenzene	8.78	77	71730	3.453 ng/ul	98
23) Isophorone	9.30	82	97206	2.475 ng/ul	98
25) 2-Nitrophenol	9.49	139	32731	3.077 ng/ul	96
26) 2,4-Dimethylphenol	9.55	107	65815	3.064 ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.79	93	78064	3.072 ng/ul	98
29) 2,4-Dichlorophenol	10.01	162	60252	3.243 ng/ul	90
30) Naphthalene	10.41	128	227259	3.481 ng/ul	99
32) 4-Chloroaniline	10.52	127	86018	3.499 ng/ul	97
33) Hexachlorobutadiene	10.70	225	38589	3.322 ng/ul	96
34) Caprolactam	11.30	113	10951	1.911 ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.65	107	48313	2.428	ng/ul	95
36) 2-Methylnaphthalene	12.03	142	148465	3.307	ng/ul	98
37) 1-Methylnaphthalene	12.25	142	145089	3.353	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	72515	3.419	ng/ul	98
40) Hexachlorocyclopentadiene	12.39	237	36945	3.343	ng/ul	93
41) 2,4,6-Trichlorophenol	12.65	196	33390	2.387	ng/ul	95
42) 2,4,5-Trichlorophenol	12.71	196	38122	2.561	ng/ul	96
43) 1,1'-Biphenyl	13.06	154	197976	3.488	ng/ul	100
44) 2-Chloronaphthalene	13.09	162	152343	3.408	ng/ul	99
45) 2-Nitroaniline	13.30	65	23172	2.034	ng/ul	97
47) Dimethylphthalate	13.69	163	185602	3.319	ng/ul	98
48) 2,6-Dinitrotoluene	13.80	165	24183	2.280	ng/ul	96
50) Acenaphthylene	13.95	152	229674	3.379	ng/ul	98
51) 3-Nitroaniline	14.13	138	26323	2.691	ng/ul	99
52) Acenaphthene	14.29	153	161804	3.374	ng/ul	96
53) 2,4-Dinitrophenol	14.33	184	7687	1.617	ng/ul	90
55) 4-Nitrophenol	14.44	109	23549	3.142	ng/ul	89
56) Dibenzofuran	14.63	168	228768	3.484	ng/ul	97
57) 2,4-Dinitrotoluene	14.59	165	39709	2.627	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.86	232	30547	2.431	ng/ul	96
59) Diethylphthalate	15.07	149	161354	2.838	ng/ul	99
61) Fluorene	15.28	166	188747	3.549	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.28	204	92472	3.607	ng/ul	97
63) 4-Nitroaniline	15.29	138	26449	2.878	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.35	198	24888	3.118	ng/ul#	60
67) N-Nitrosodiphenylamine	15.50	169	144707	3.151	ng/ul	97
68) 4-Bromophenyl-phenylether	16.17	248	51129	3.188	ng/ul	96
69) Hexachlorobenzene	16.28	284	60572	3.331	ng/ul	99
70) Atrazine	16.45	200	38391	2.448	ng/ul	98
71) Pentachlorophenol	16.62	266	20385	2.010	ng/ul	96
72) Phenanthrene	17.02	178	291758	3.451	ng/ul	98
74) Anthracene	17.10	178	297302	3.445	ng/ul	97
75) 1,2,3,4-Tetrachlorobenzene	13.02	216	74198	3.513	ng/uL	95
76) Pentachlorobenzene	14.55	250	73998	3.511	ng/uL	98
77) Carbazole	17.37	167	227849	3.253	ng/ul	100
78) Di-n-butylphthalate	17.96	149	210837	2.209	ng/ul	99
80) Fluoranthene	19.04	202	309924	3.057	ng/ul	99
82) Pyrene	19.40	202	360426	3.467	ng/ul	99
83) Butylbenzylphthalate	20.33	149	73836	1.653	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.10	252	59894	2.152	ng/ul	98
85) Benzo(a)anthracene	21.16	228	314182	3.235	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.12	149	118250	1.787	ng/ul	97
87) Chrysene	21.21	228	330133	3.471	ng/ul	99
89) Di-n-octyl phthalate	21.99	149	189788	2.109	ng/ul	100
90) Benzo(b)fluoranthene	22.70	252	319951	3.468	ng/ul	97
91) Benzo(k)fluoranthene	22.75	252	309508	3.522	ng/ul	98
93) Benzo(a)pyrene	23.26	252	301529	3.605	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.53	276	352718	3.367	ng/ul	98
95) Dibenzo(a,h)anthracene	25.54	278	304751	3.471	ng/ul	97
96) Benzo(g,h,i)perylene	26.19	276	299187	3.370	ng/ul	97

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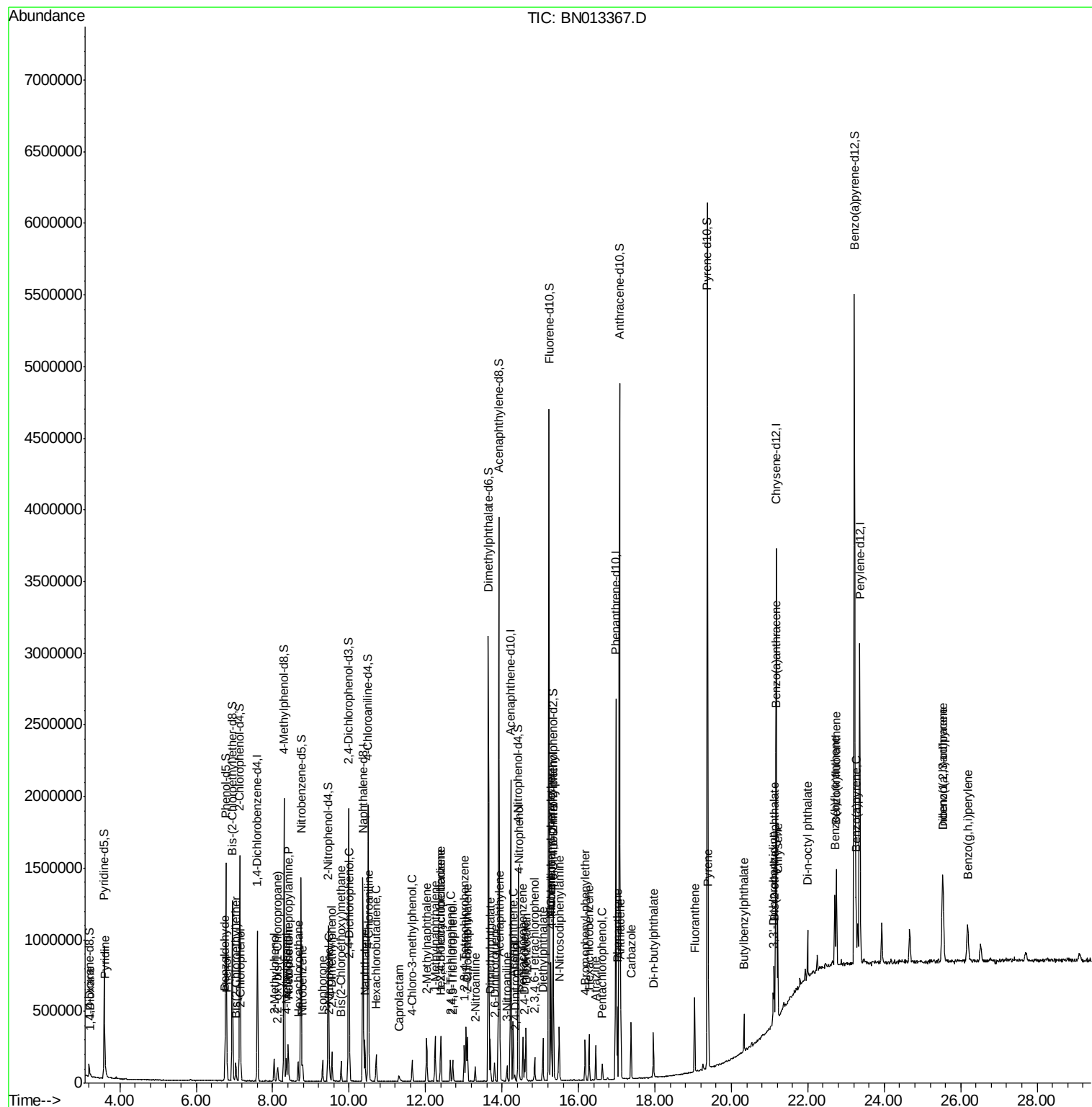
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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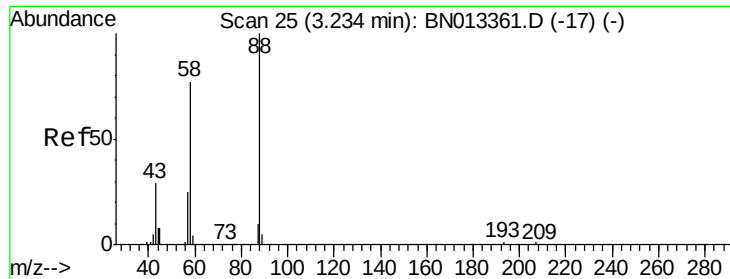
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.925 ng/uL

RT: 3.23 min Scan# 25

Delta R.T. -0.00 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

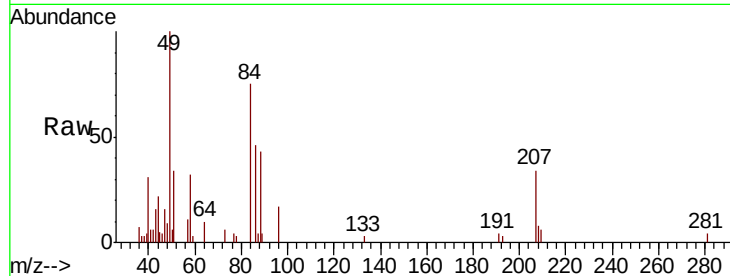
Tot Ion: 88 Resp: 6690

Ion Ratio Lower Upper

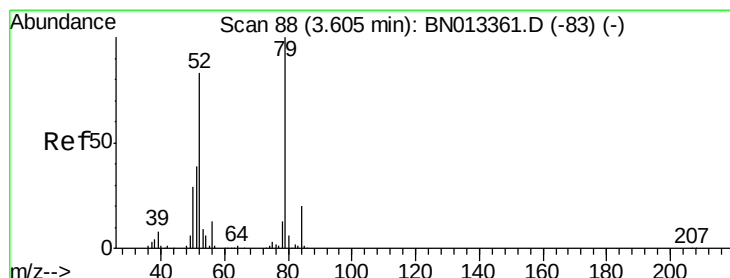
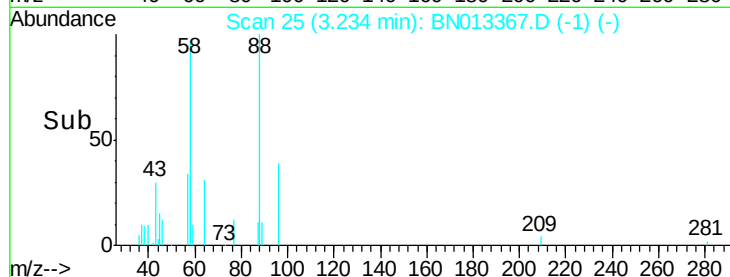
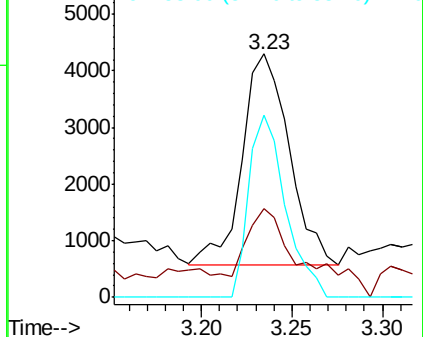
88 100

43 36.3 23.6 35.4#

58 74.9 60.6 90.8



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 43.00 (42.70 to 43.70): BN0
Ion 58.00 (57.70 to 58.70): BN0



#5

Pyridine

Concen: 3.459 ng/uL

RT: 3.61 min Scan# 89

Delta R.T. 0.01 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

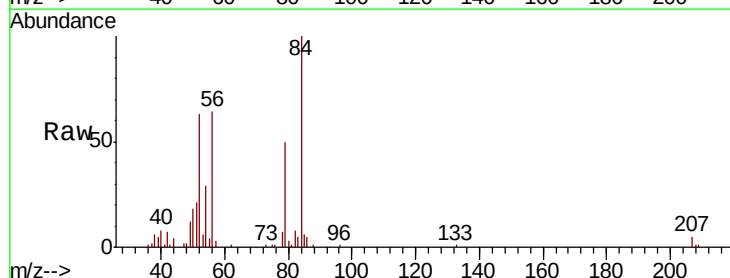
Tgt Ion: 79 Resp: 63257

Ion Ratio Lower Upper

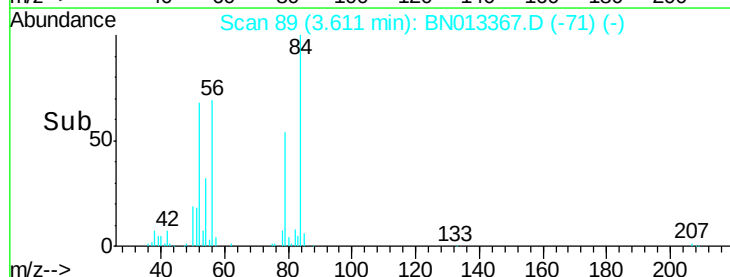
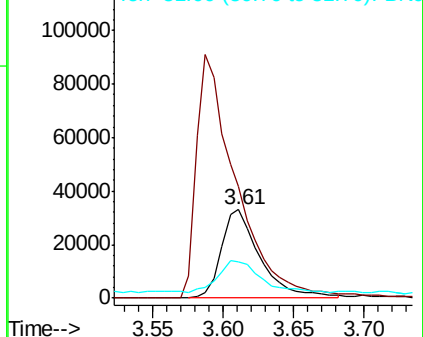
79 100

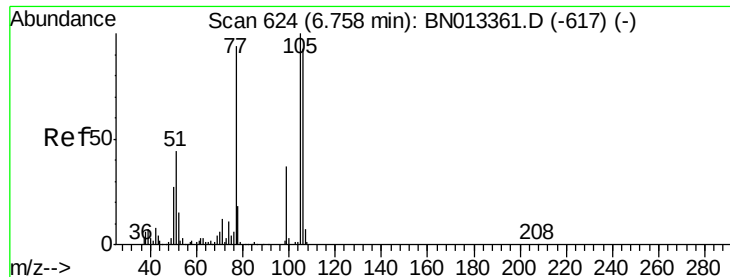
52 126.7 69.4 104.2#

51 41.2 31.6 47.4



Abundance Ion 79.00 (78.70 to 79.70): BN0
Ion 52.00 (51.70 to 52.70): BN0
Ion 51.00 (50.70 to 51.70): BN0





#6

Benzaldehyde

Concen: 5.395 ng/ul

RT: 6.75 min Scan# 623

Delta R.T. -0.01 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

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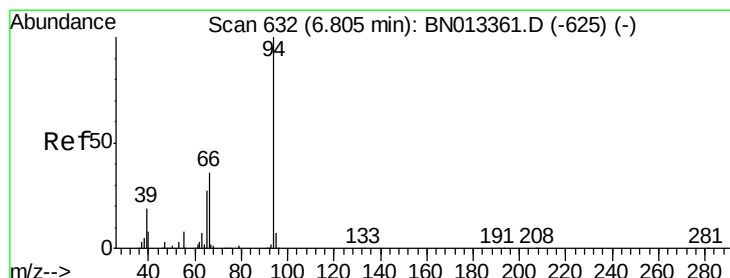
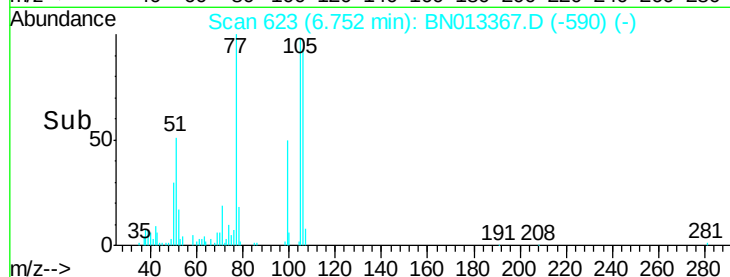
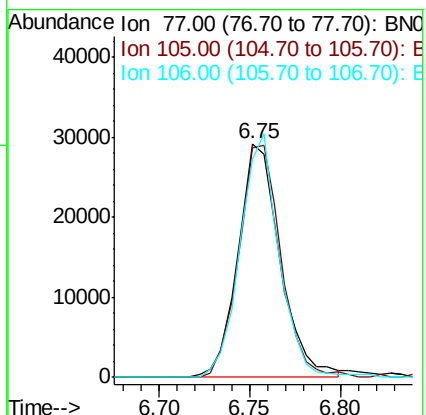
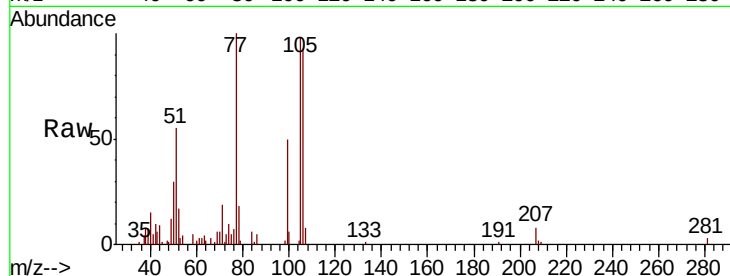
Tot Ion: 77 Resp: 47191

Ion Ratio Lower Upper

77 100

105 98.4 85.5 128.3

106 93.2 79.6 119.4



#8

Phenol

Concen: 3.181 ng/ul

RT: 6.80 min Scan# 632

Delta R.T. -0.00 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

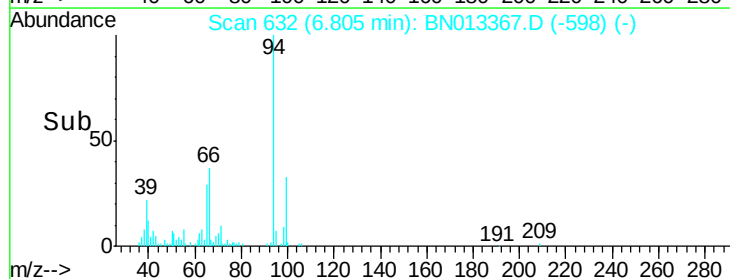
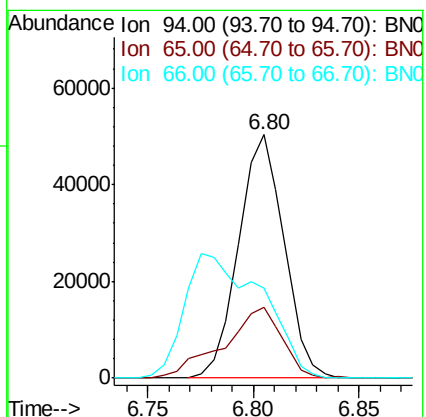
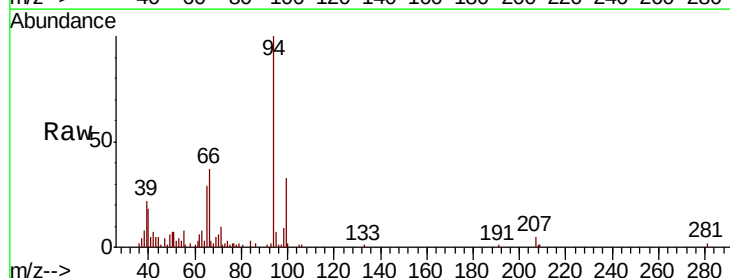
Tgt Ion: 94 Resp: 74951

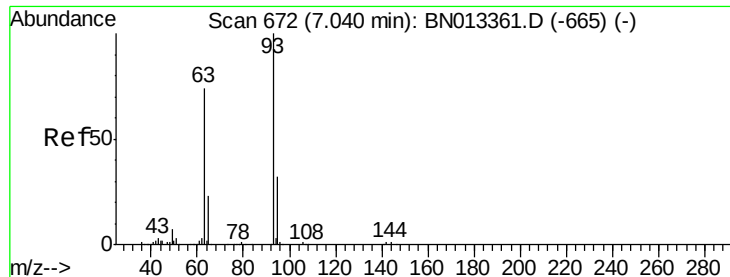
Ion Ratio Lower Upper

94 100

65 29.0 21.8 32.8

66 36.9 29.8 44.6

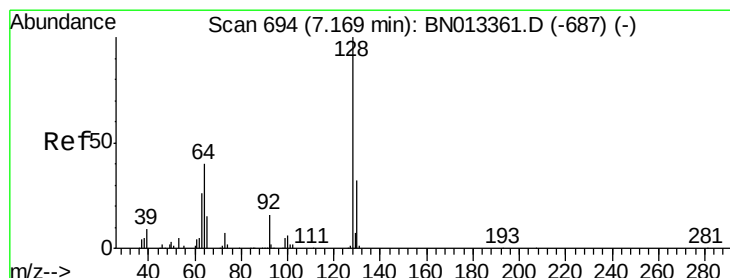
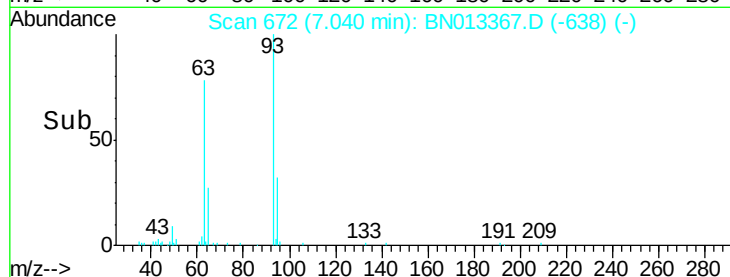
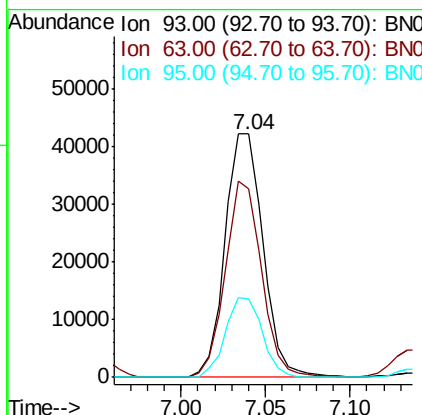
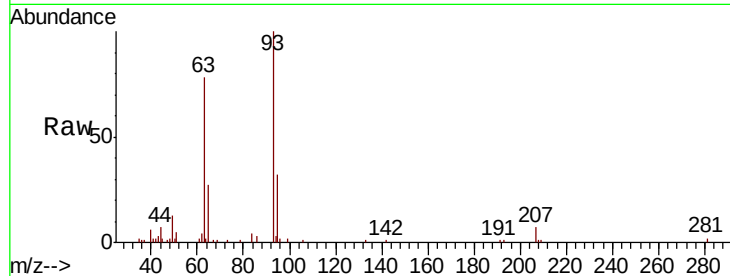




#10
 Bis(2-Chloroethyl)ether
 Concen: 3.543 ng/ul
 RT: 7.04 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BN013367.D
 Acq: 08 Jan 2021 14:38

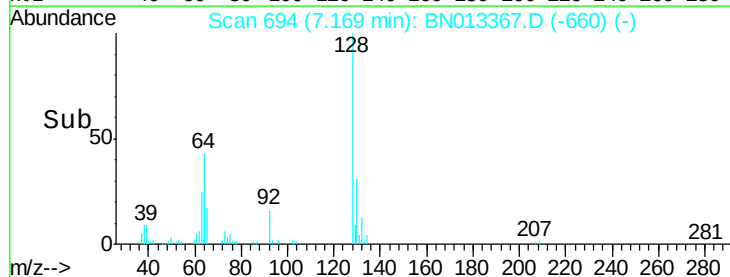
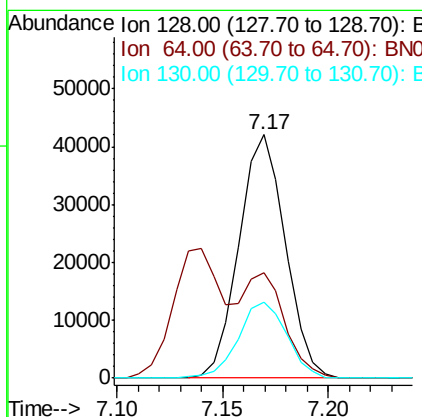
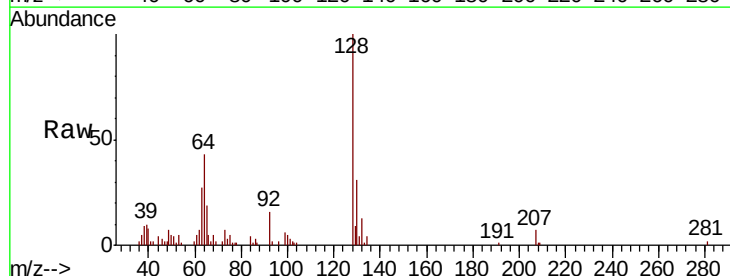
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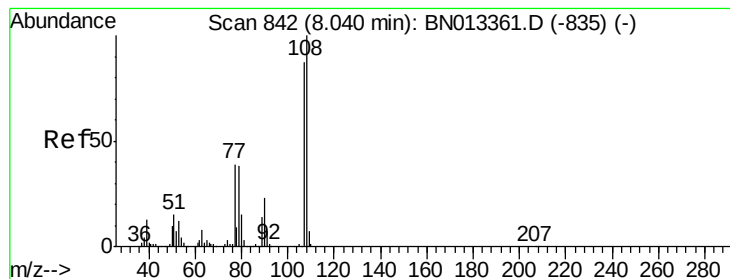
Tot Ion: 93 Resp: 66165
 Ion Ratio Lower Upper
 93 100
 63 77.7 58.8 88.2
 95 32.0 25.8 38.8



#12
 2-Chlorophenol
 Concen: 3.103 ng/ul
 RT: 7.17 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: BN013367.D
 Acq: 08 Jan 2021 14:38

Tgt Ion: 128 Resp: 64170
 Ion Ratio Lower Upper
 128 100
 64 43.4 34.6 51.8
 130 31.3 25.8 38.6





#13

2-Methylphenol

Concen: 2.824 ng/ul

RT: 8.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

Instrument :

BNA_N

ClientSampleId :

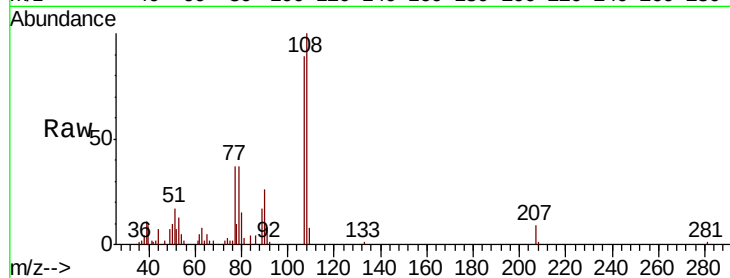
MDL-SOIL-03

Tot Ion:108 Resp: 51275

Ion Ratio Lower Upper

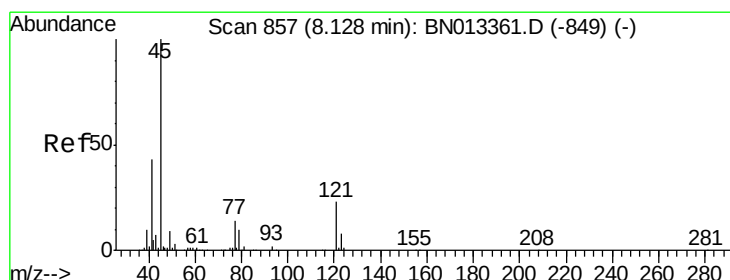
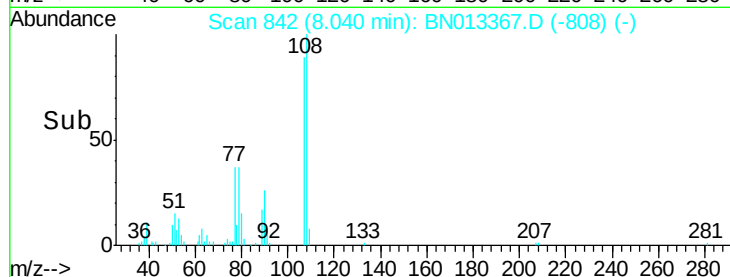
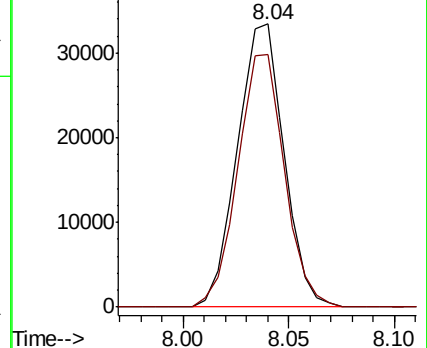
108 100

107 89.4 69.7 104.5



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: 3.524 ng/ul

RT: 8.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

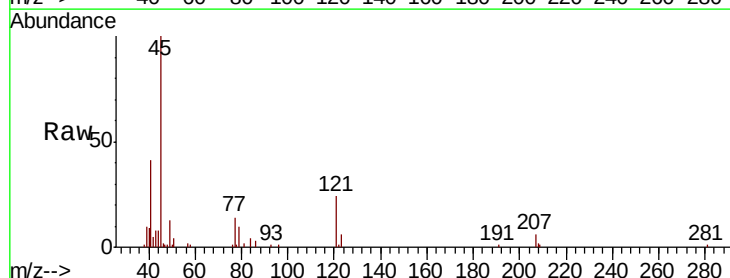
Tgt Ion: 45 Resp: 92223

Ion Ratio Lower Upper

45 100

77 14.1 11.0 16.6

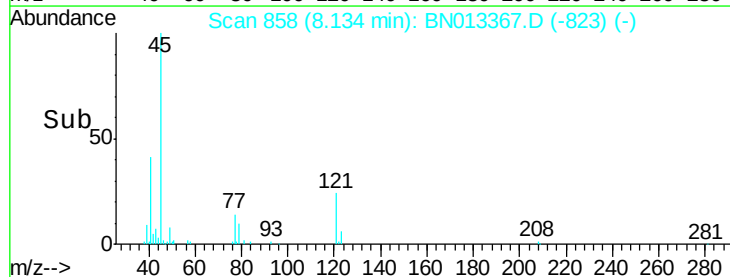
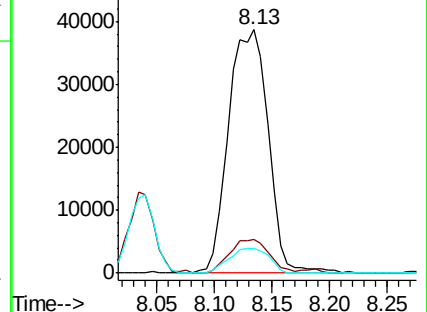
79 10.4 8.5 12.7

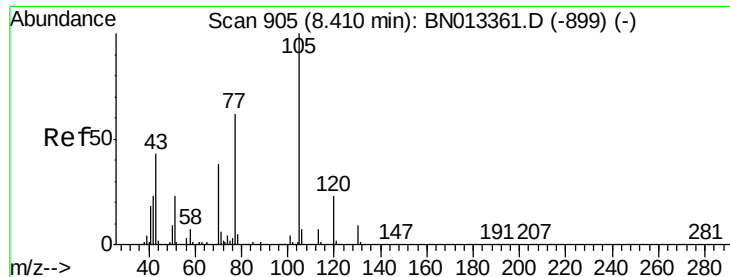


Abundance Ion 45.00 (44.70 to 45.70): BNC

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC





#16

Acetophenone

Concen: 3.250 ng/ul

RT: 8.41 min Scan# 905

Delta R.T. -0.00 min

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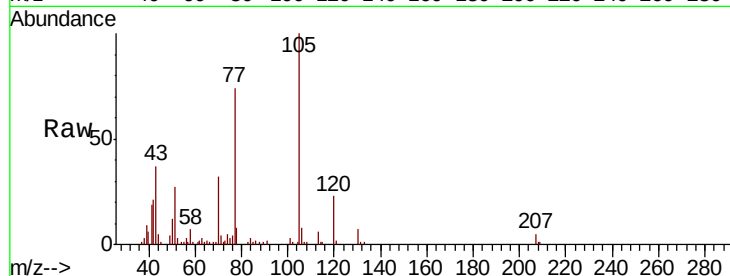
Tot Ion:105 Resp: 89776

Ion Ratio Lower Upper

105 100

77 74.4 58.7 88.1

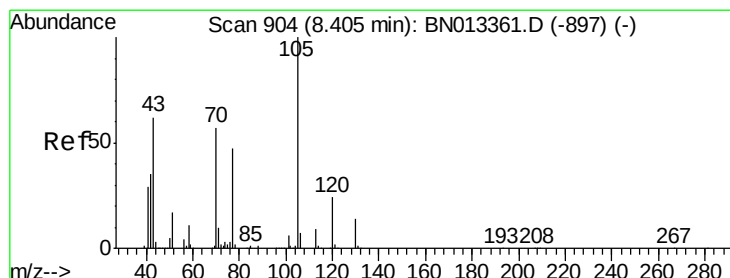
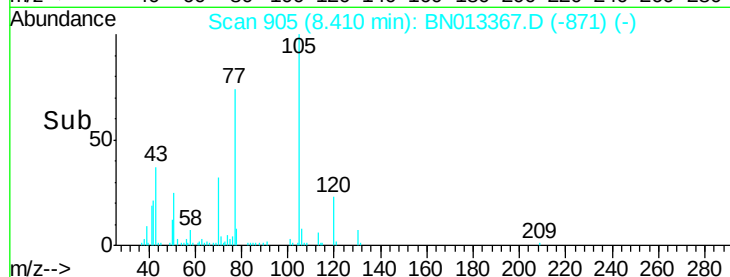
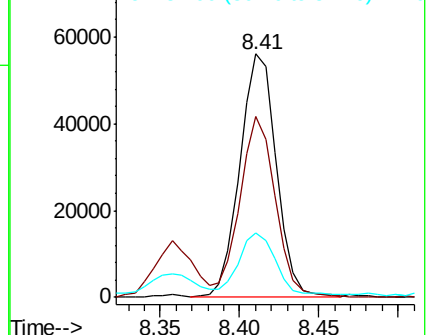
51 26.7 21.4 32.2



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



#17

N-Nitroso-di-n-propylamine

Concen: 2.770 ng/ul

RT: 8.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

Tgt Ion: 70 Resp: 37966

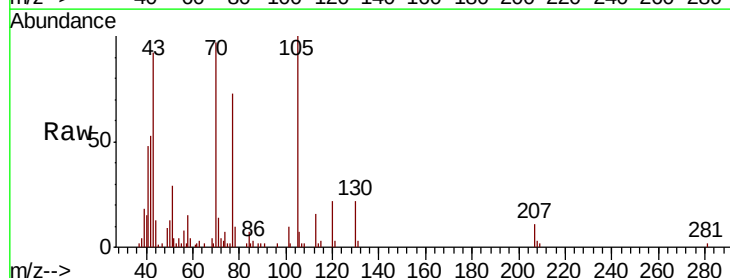
Ion Ratio Lower Upper

70 100

42 54.5 50.3 75.5

101 10.6 8.5 12.7

130 22.8 19.9 29.9

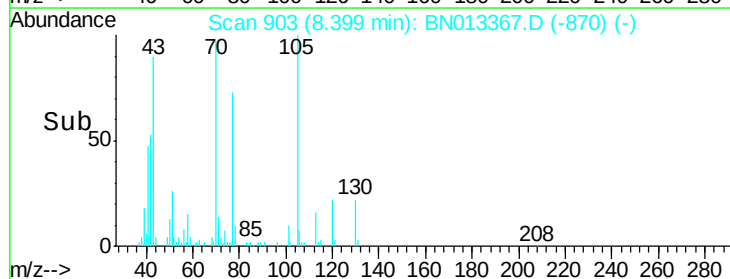
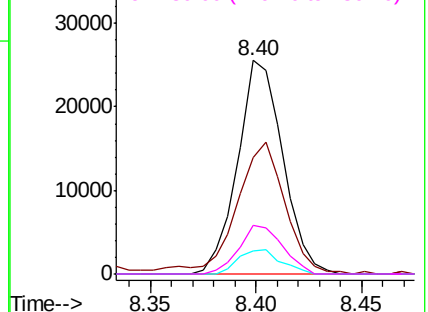


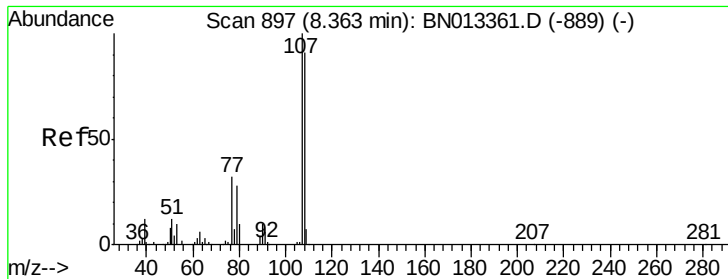
Abundance Ion 70.00 (69.70 to 70.70): BNC

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

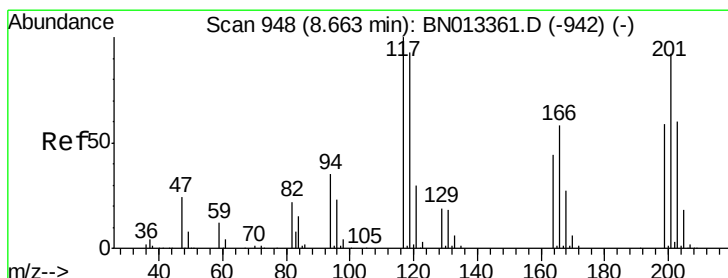
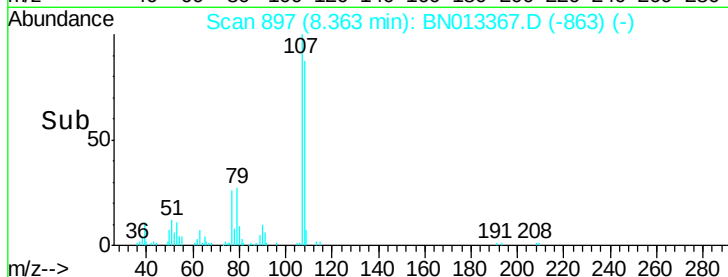
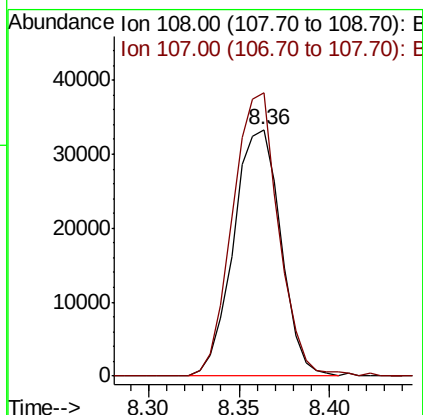
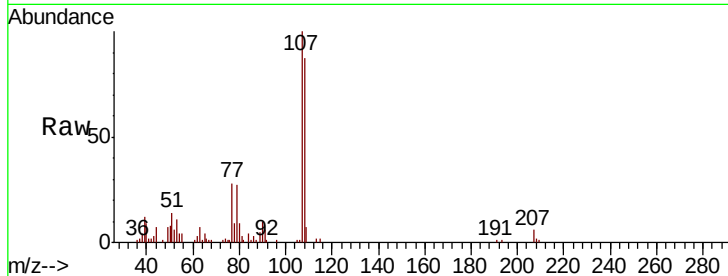




#18
4-Methylphenol
Concen: 3.106 ng/ul
RT: 8.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BN013367.D
Acq: 08 Jan 2021 14:38

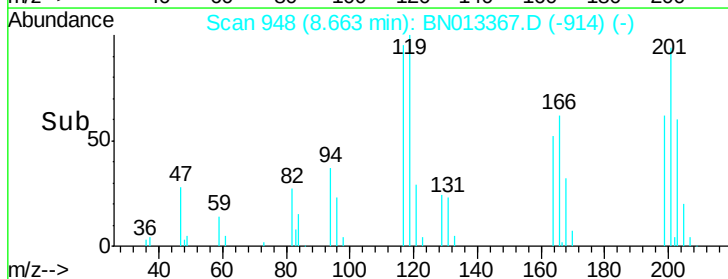
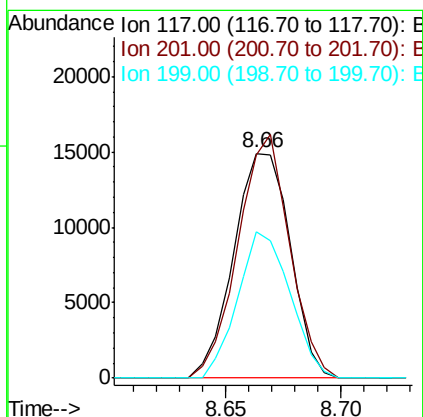
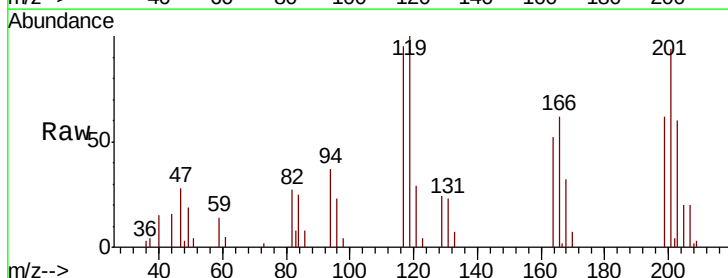
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03

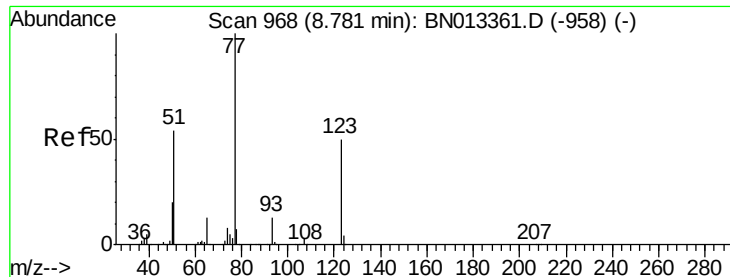
Tot Ion:108 Resp: 60538
Ion Ratio Lower Upper
108 100
107 114.9 87.9 131.9



#19
Hexachloroethane
Concen: 3.128 ng/ul
RT: 8.66 min Scan# 948
Delta R.T. -0.00 min
Lab File: BN013367.D
Acq: 08 Jan 2021 14:38

Tgt Ion:117 Resp: 25382
Ion Ratio Lower Upper
117 100
201 99.1 73.8 110.6
199 65.3 47.1 70.7





#22

Nitrobenzene

Concen: 3.453 ng/ul

RT: 8.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

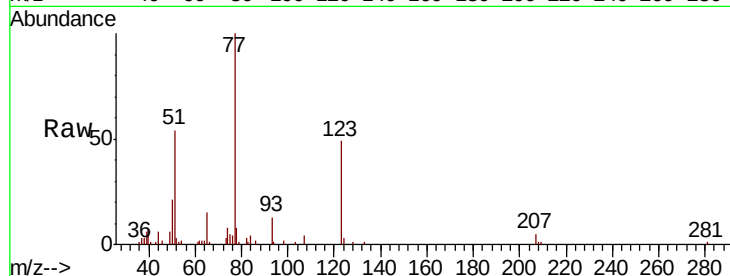
Tot Ion: 77 Resp: 71730

Ion Ratio Lower Upper

77 100

123 49.1 40.2 60.4

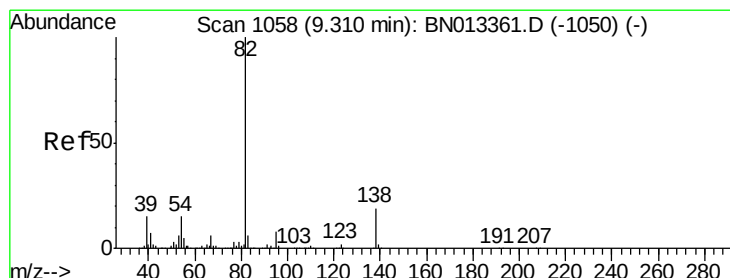
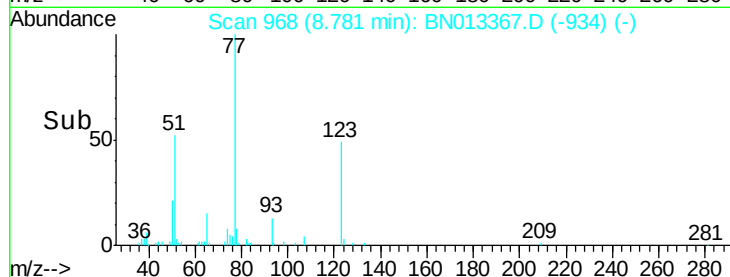
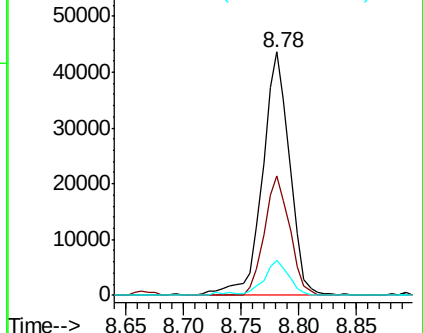
65 14.5 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BN013367.D (-934) (-)

Ion 123.00 (122.70 to 123.70): BN013367.D (-934) (-)

Ion 65.00 (64.70 to 65.70): BN013367.D (-934) (-)



#23

Isophorone

Concen: 2.475 ng/ul

RT: 9.30 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

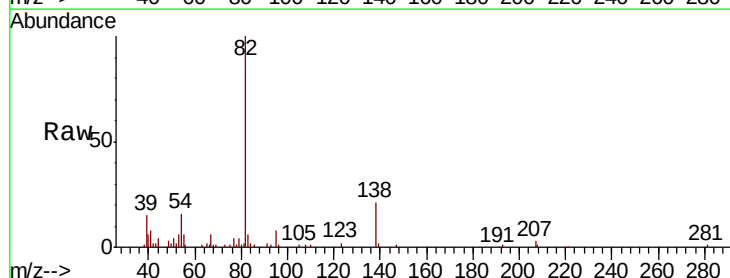
Tgt Ion: 82 Resp: 97206

Ion Ratio Lower Upper

82 100

95 7.7 6.1 9.1

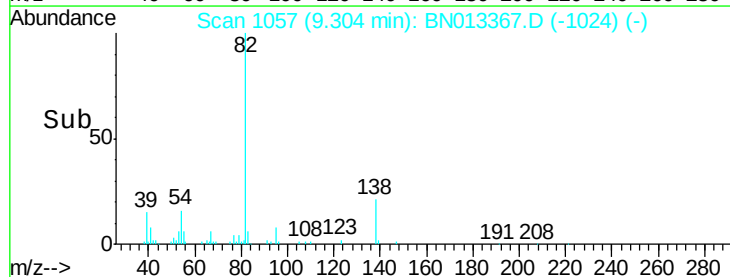
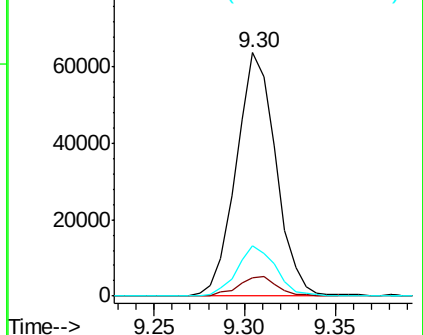
138 20.7 15.6 23.4

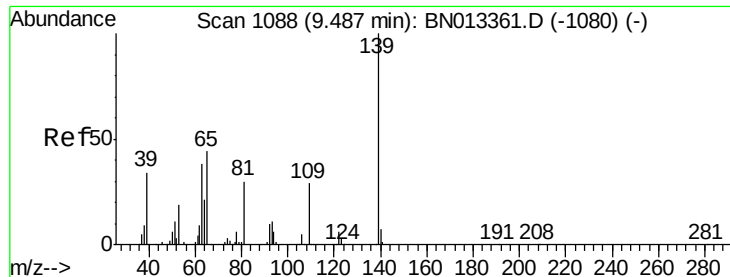


Abundance Ion 82.00 (81.70 to 82.70): BN013367.D (-1024) (-)

Ion 95.00 (94.70 to 95.70): BN013367.D (-1024) (-)

Ion 138.00 (137.70 to 138.70): BN013367.D (-1024) (-)

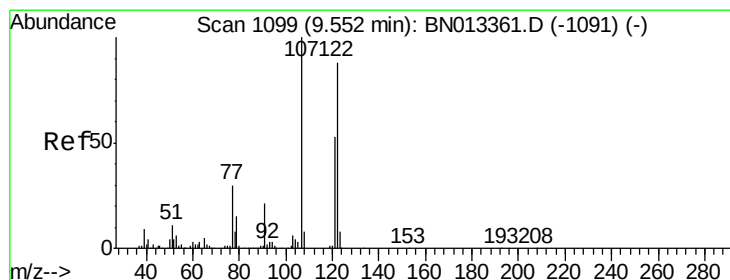
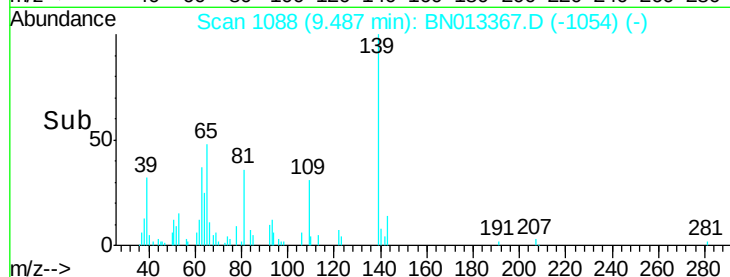
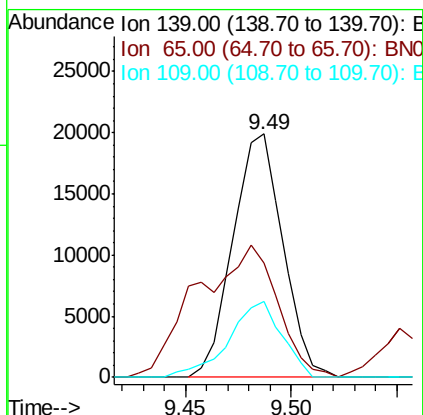
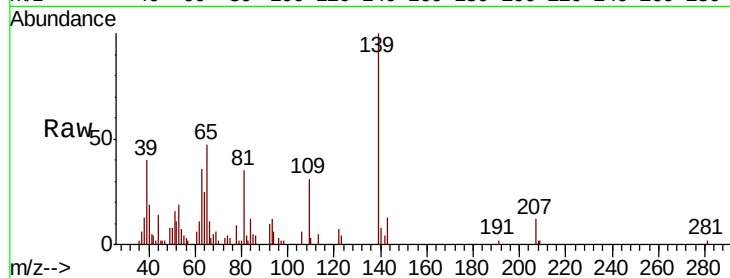




#25
2-Nitrophenol
Concen: 3.077 ng/ul
RT: 9.49 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BN013367.D
Acq: 08 Jan 2021 14:38

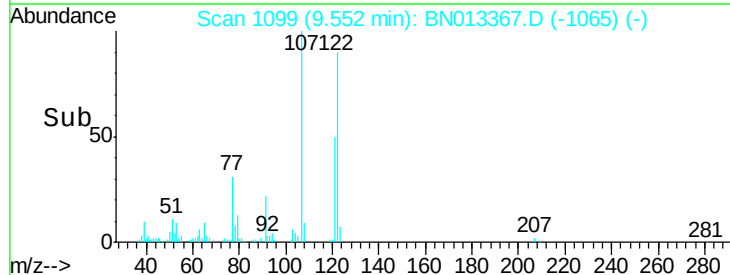
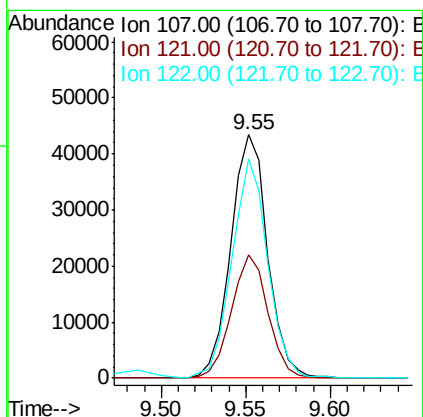
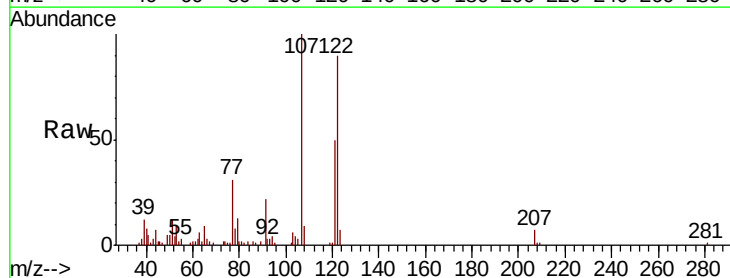
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03

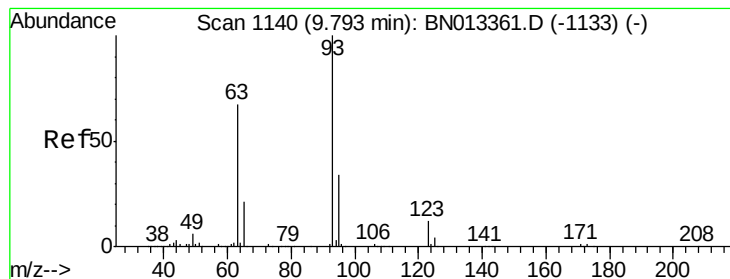
Tot Ion:139 Resp: 32731
Ion Ratio Lower Upper
139 100
65 47.1 35.9 53.9
109 30.9 23.0 34.4



#26
2,4-Dimethylphenol
Concen: 3.064 ng/ul
RT: 9.55 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BN013367.D
Acq: 08 Jan 2021 14:38

Tgt Ion:107 Resp: 65815
Ion Ratio Lower Upper
107 100
121 50.5 42.2 63.2
122 90.0 71.3 106.9





#27

Bis(2-Chloroethoxy)methane

Concen: 3.072 ng/ul

RT: 9.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

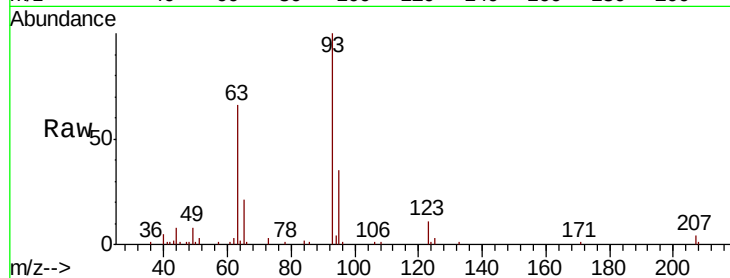
Tot Ion: 93 Resp: 78064

Ion Ratio Lower Upper

93 100

95 34.6 26.8 40.2

123 11.2 9.9 14.9

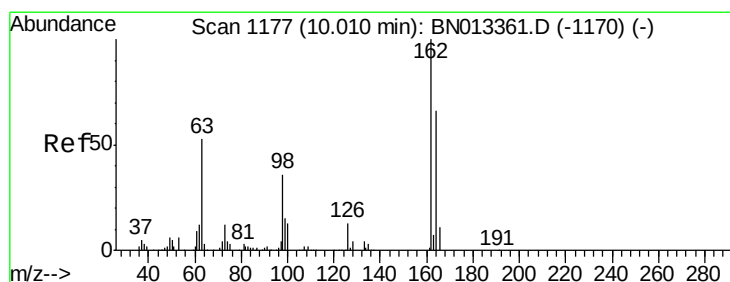
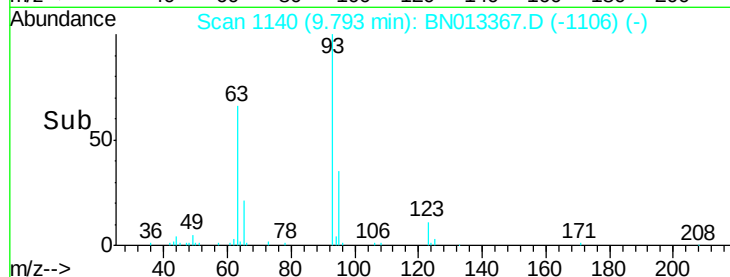


Abundance Ion 93.00 (92.70 to 93.70): BN013361.D (-1133) (-)

Ion 95.00 (94.70 to 95.70): BN013361.D (-1133) (-)

Ion 123.00 (122.70 to 123.70): BN013361.D (-1133) (-)

Time-->



#29

2,4-Dichlorophenol

Concen: 3.243 ng/ul

RT: 10.01 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

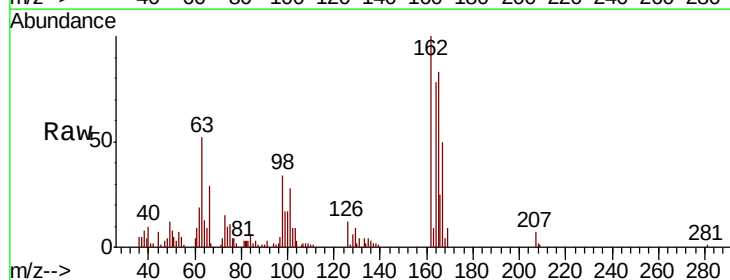
Tgt Ion:162 Resp: 60252

Ion Ratio Lower Upper

162 100

164 77.8 53.3 79.9

98 34.3 29.0 43.6

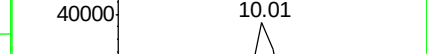
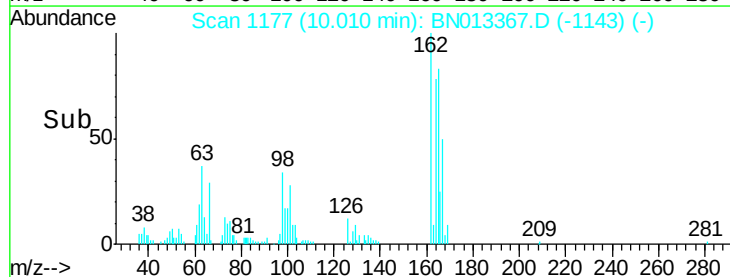


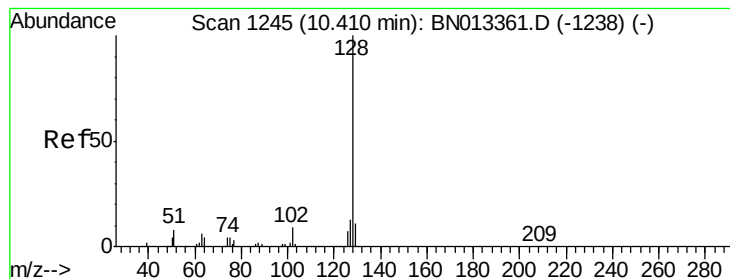
Abundance Ion 162.00 (161.70 to 162.70): BN013361.D (-1170) (-)

Ion 164.00 (163.70 to 164.70): BN013361.D (-1170) (-)

Ion 98.00 (97.70 to 98.70): BN013361.D (-1170) (-)

Time-->





#30

Naphthalene

Concen: 3.481 ng/ul

RT: 10.41 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

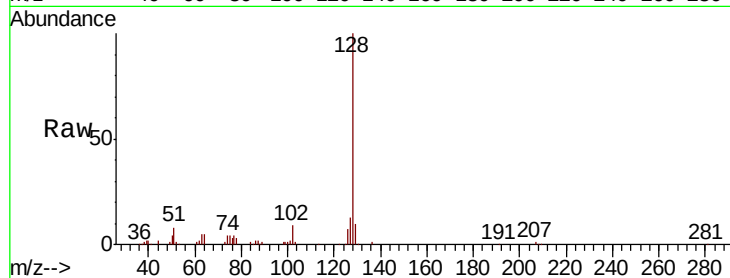
Tot Ion:128 Resp: 227259

Ion Ratio Lower Upper

128 100

129 10.4 8.8 13.2

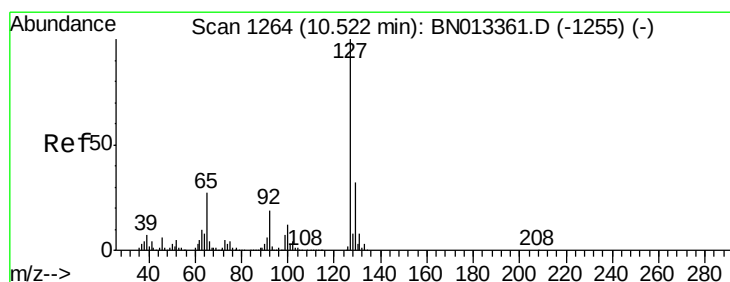
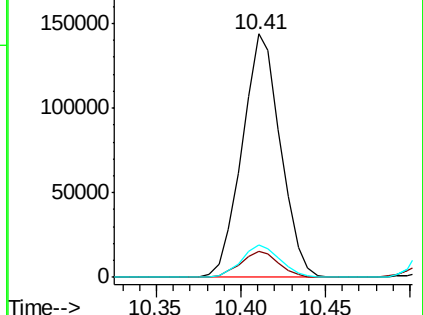
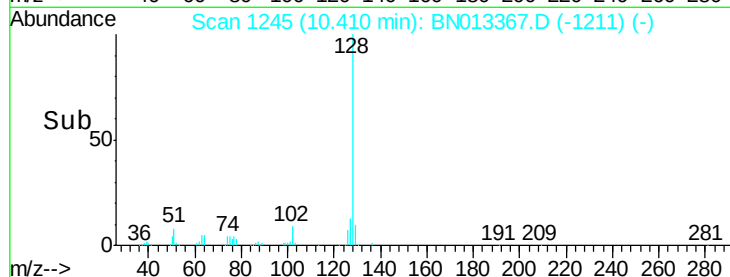
127 13.1 10.2 15.4



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: 3.499 ng/ul

RT: 10.52 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BN013367.D

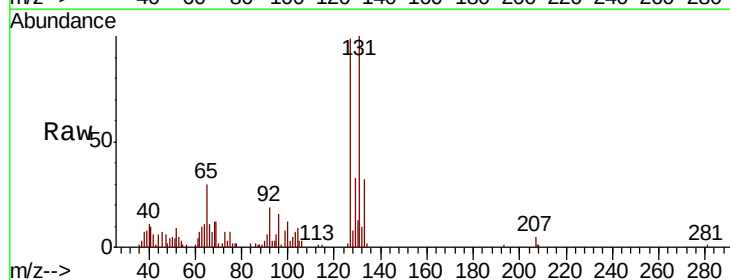
Acq: 08 Jan 2021 14:38

Tgt Ion:127 Resp: 86018

Ion Ratio Lower Upper

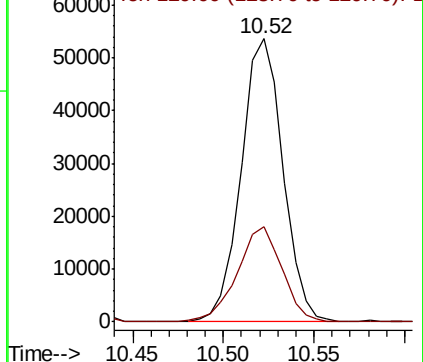
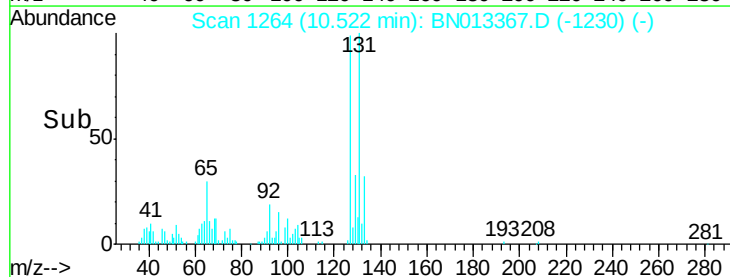
127 100

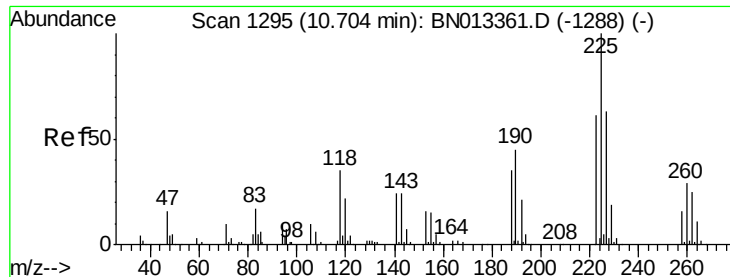
129 33.5 25.4 38.0



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#33

Hexachlorobutadiene

Concen: 3.322 ng/ul

RT: 10.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

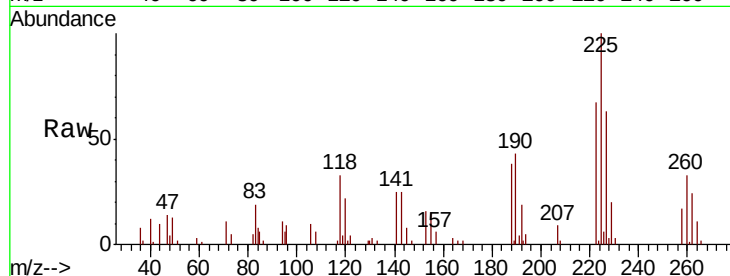
Tot Ion:225 Resp: 38589

Ion Ratio Lower Upper

225 100

223 67.1 48.7 73.1

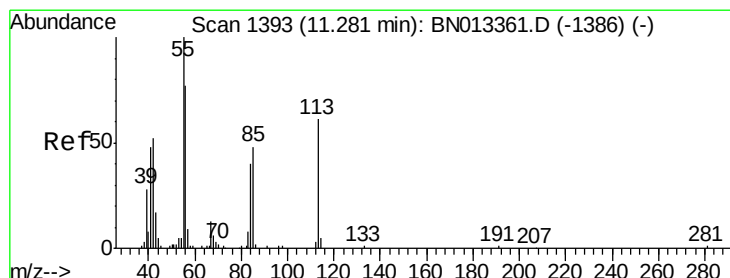
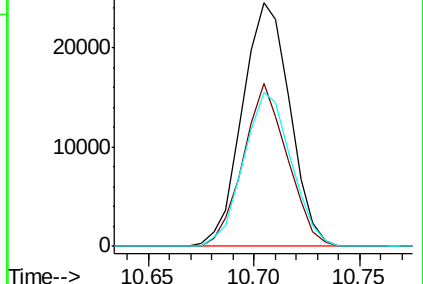
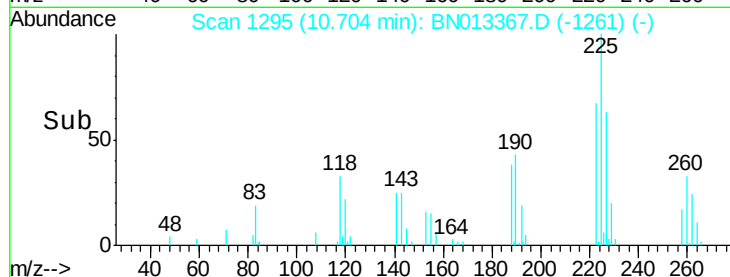
227 63.1 50.2 75.4



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: 1.911 ng/ul

RT: 11.30 min Scan# 1397

Delta R.T. 0.02 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

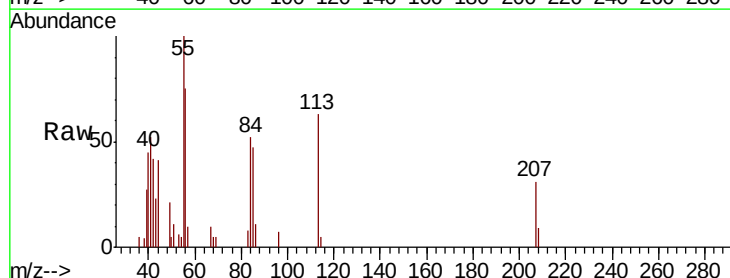
Tgt Ion:113 Resp: 10951

Ion Ratio Lower Upper

113 100

55 157.5 130.5 195.7

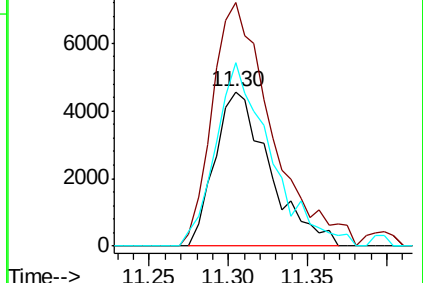
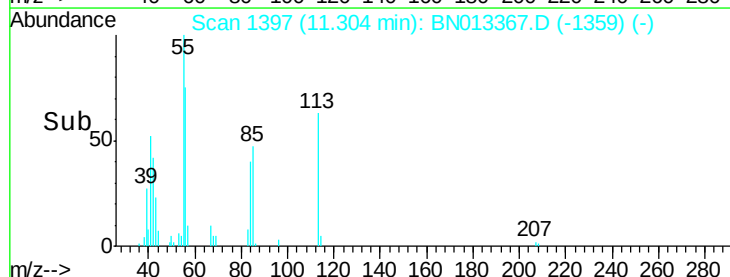
56 118.8 101.0 151.6

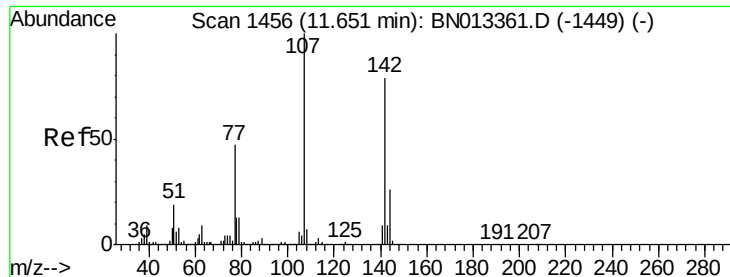


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNC

Ion 56.00 (55.70 to 56.70): BNC

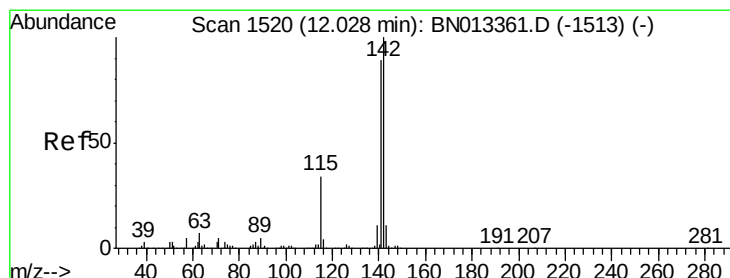
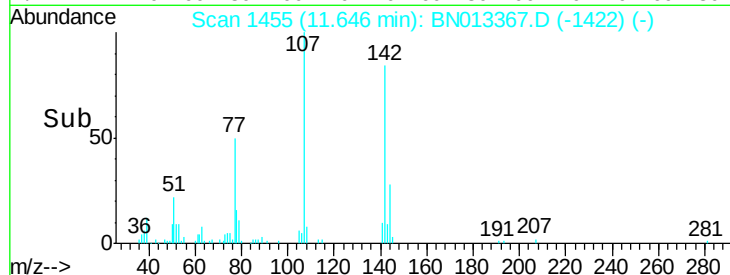
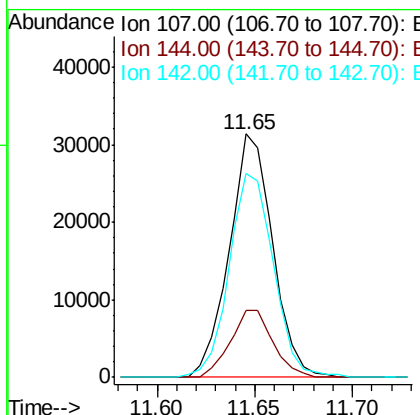
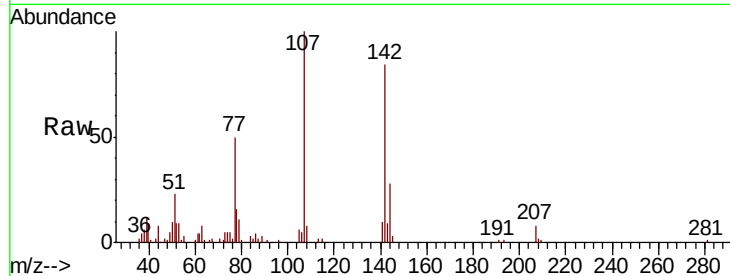




#35
 4-Chloro-3-methylphenol
 Concen: 2.428 ng/ul
 RT: 11.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BN013367.D
 Acq: 08 Jan 2021 14:38

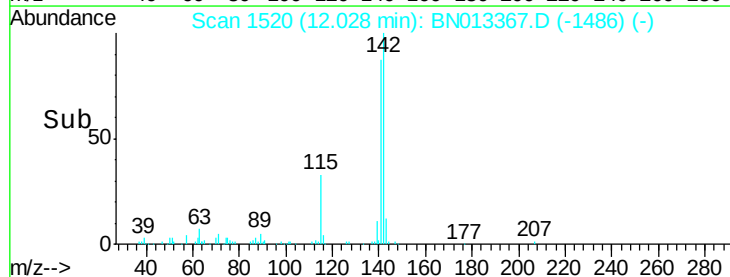
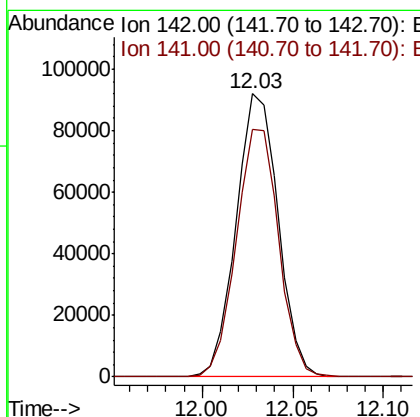
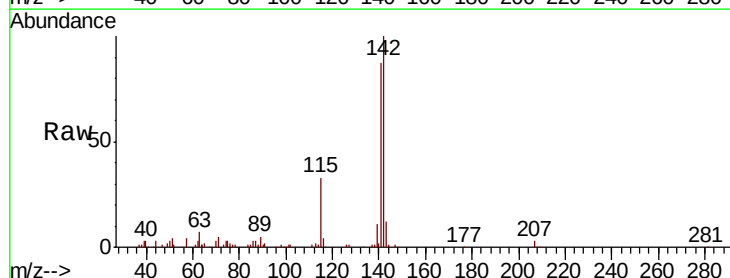
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03

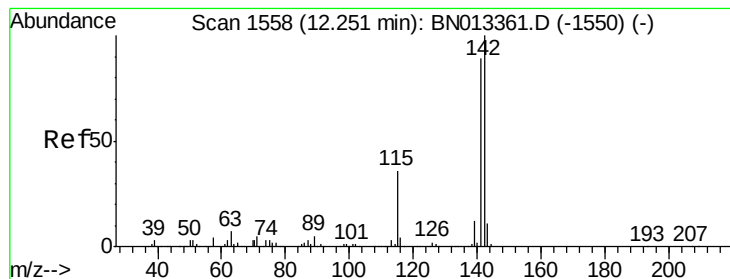
Tot Ion:107 Resp: 48313
 Ion Ratio Lower Upper
 107 100
 144 27.6 21.2 31.8
 142 84.0 63.2 94.8



#36
 2-Methylnaphthalene
 Concen: 3.307 ng/ul
 RT: 12.03 min Scan# 1520
 Delta R.T. -0.00 min
 Lab File: BN013367.D
 Acq: 08 Jan 2021 14:38

Tgt Ion:142 Resp: 148465
 Ion Ratio Lower Upper
 142 100
 141 87.3 71.5 107.3





#37

1-Methylnaphthalene

Concen: 3.353 ng/ul

RT: 12.25 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

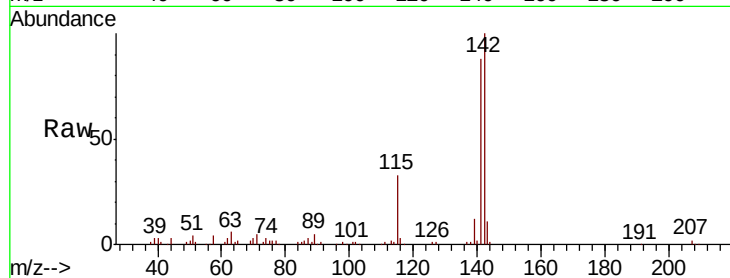
Tot Ion:142 Resp: 145089

Ion Ratio Lower Upper

142 100

141 88.0 71.4 107.2

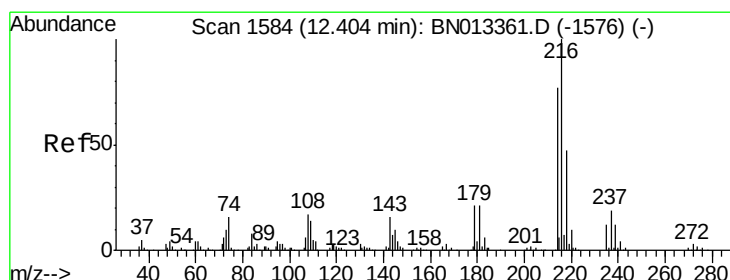
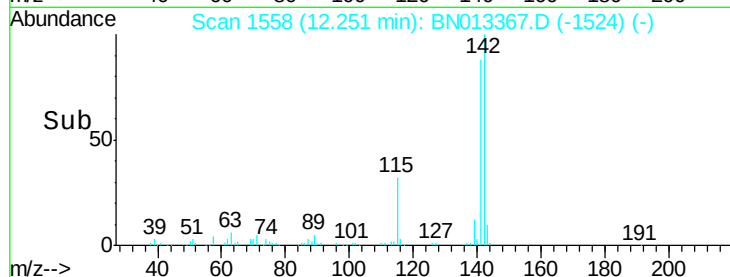
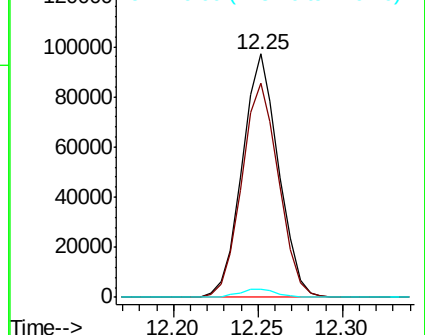
116 3.4 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.419 ng/ul

RT: 12.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

Tgt Ion:216 Resp: 72515

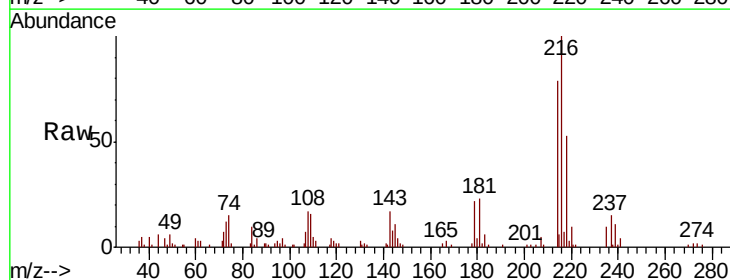
Ion Ratio Lower Upper

216 100

214 79.3 61.6 92.4

179 21.9 16.7 25.1

108 17.4 13.8 20.6

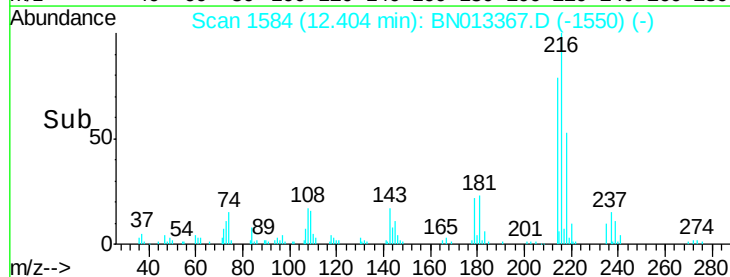
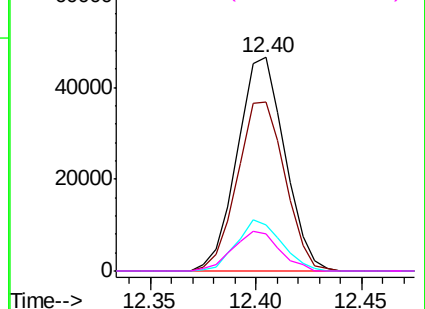


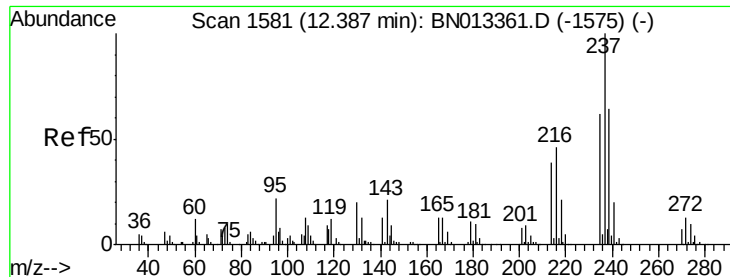
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 3.343 ng/ul

RT: 12.39 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

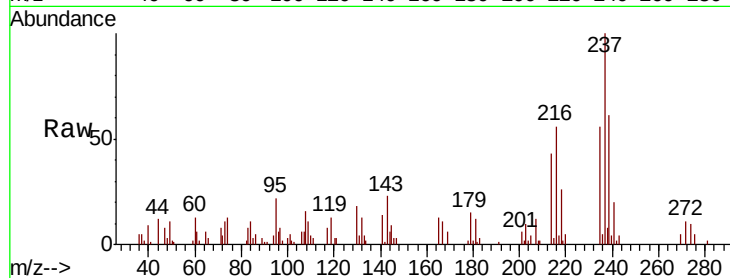
Tot Ion:237 Resp: 36945

Ion Ratio Lower Upper

237 100

235 56.2 49.9 74.9

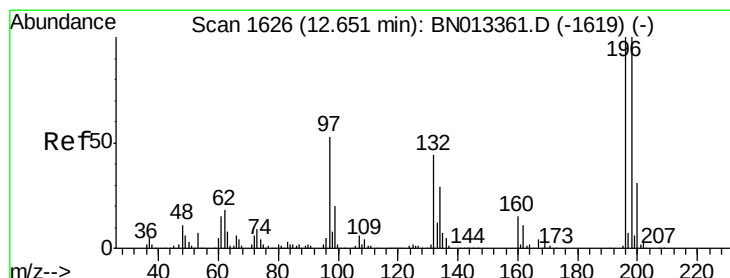
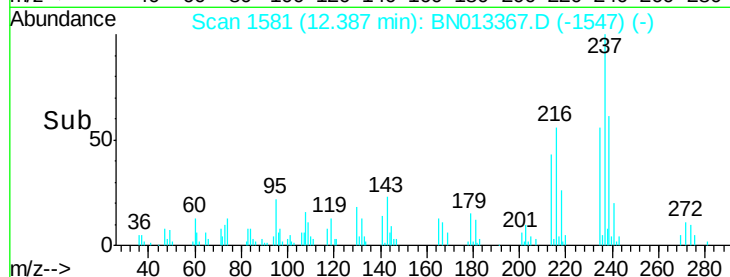
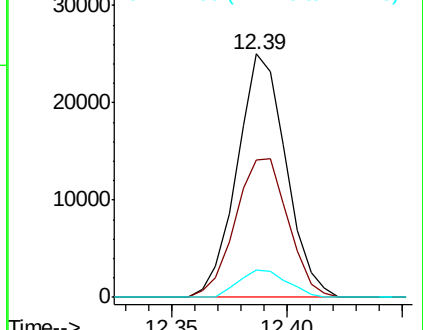
272 11.5 10.1 15.1



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: 2.387 ng/ul

RT: 12.65 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

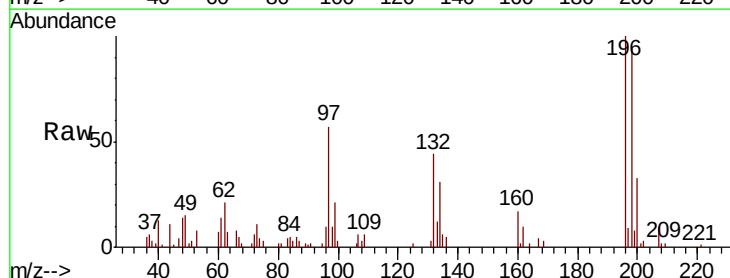
Tgt Ion:196 Resp: 33390

Ion Ratio Lower Upper

196 100

198 94.2 79.6 119.4

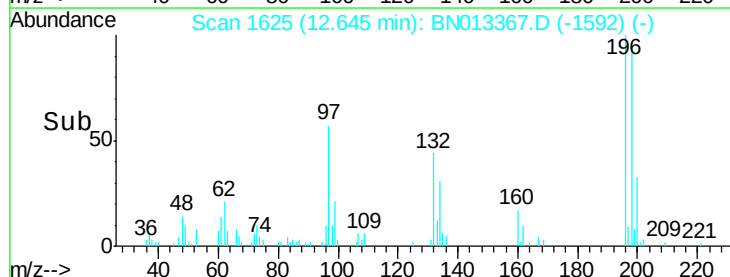
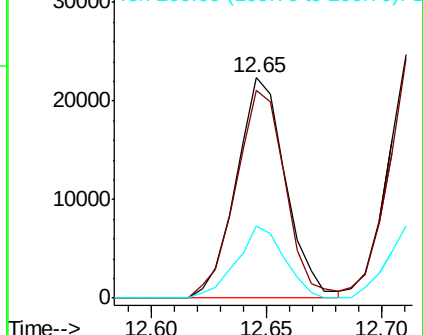
200 32.8 25.1 37.7

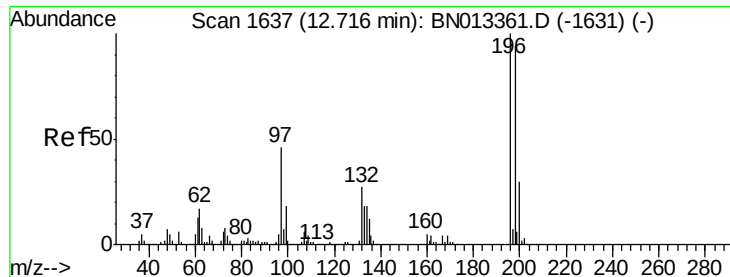


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#42

2,4,5-Trichlorophenol

Concen: 2.561 ng/ul

RT: 12.71 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

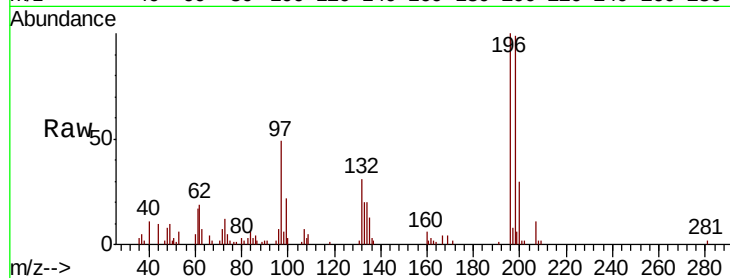
Tot Ion:196 Resp: 38122

Ion Ratio Lower Upper

196 100

198 98.6 75.3 112.9

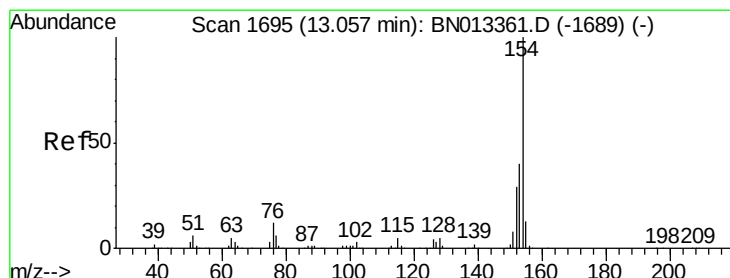
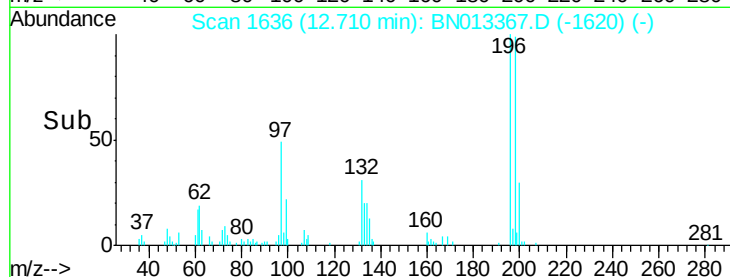
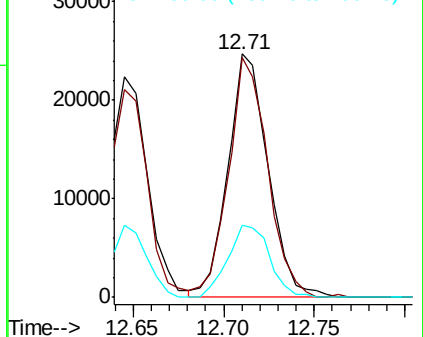
200 29.8 24.1 36.1



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



#43

1,1'-Biphenyl

Concen: 3.488 ng/ul

RT: 13.06 min Scan# 1695

Delta R.T. -0.00 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

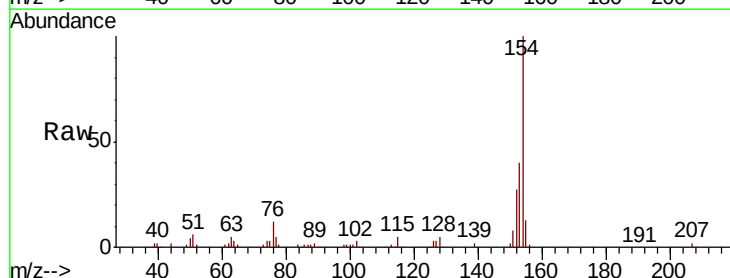
Tgt Ion:154 Resp: 197976

Ion Ratio Lower Upper

154 100

153 40.1 32.1 48.1

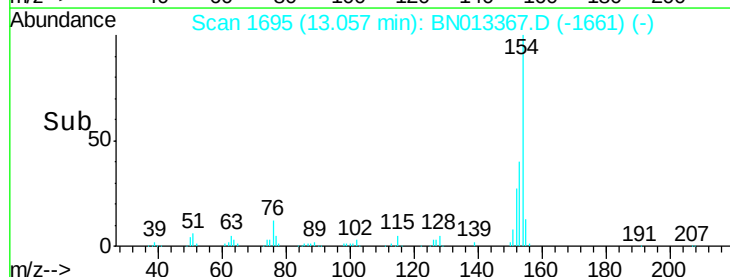
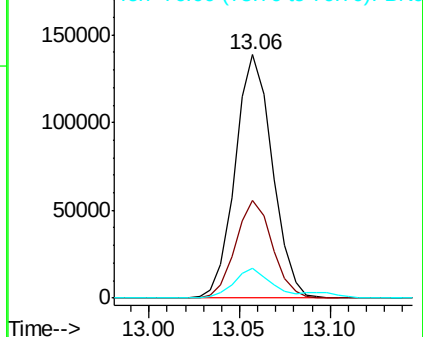
76 12.3 10.0 15.0

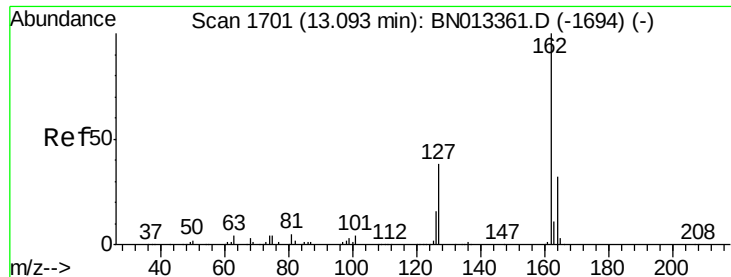


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC

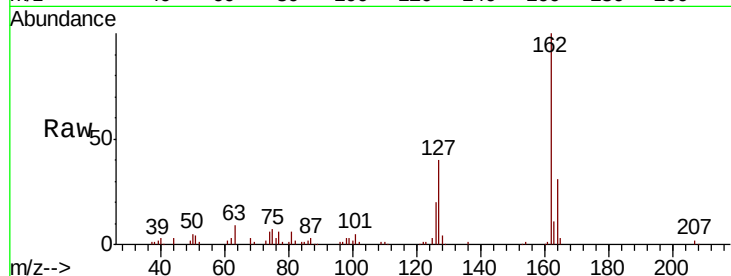




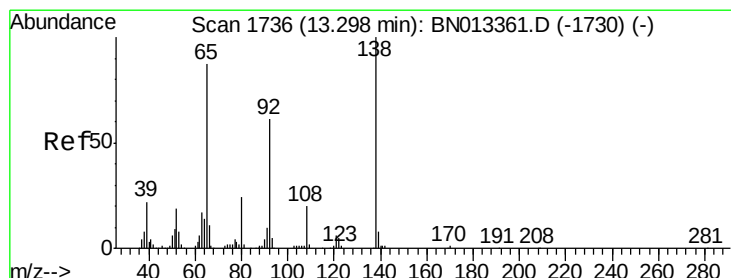
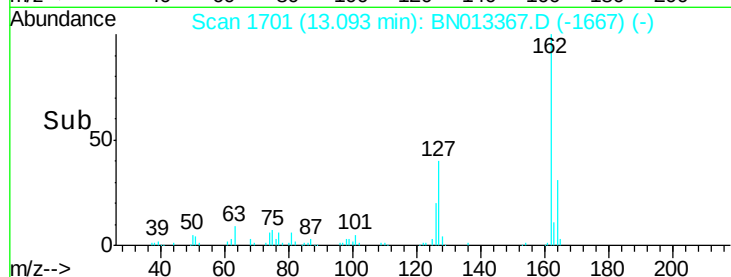
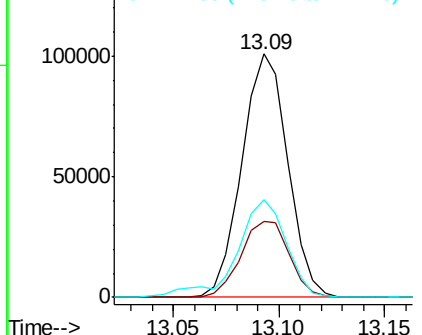
#44
2-Chloronaphthalene
Concen: 3.408 ng/ul
RT: 13.09 min Scan# 1701
Delta R.T. -0.00 min
Lab File: BN013367.D
Acq: 08 Jan 2021 14:38

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03

Tot Ion:162 Resp: 152343
Ion Ratio Lower Upper
162 100
164 30.9 25.8 38.6
127 40.3 32.6 49.0

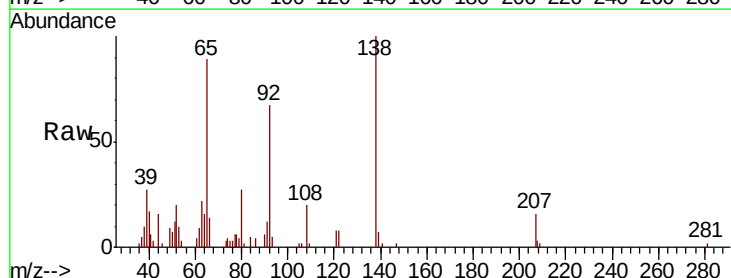


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

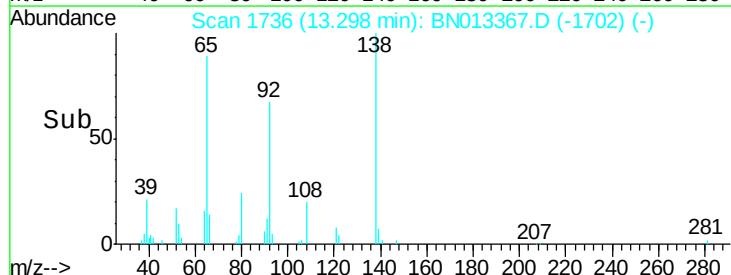
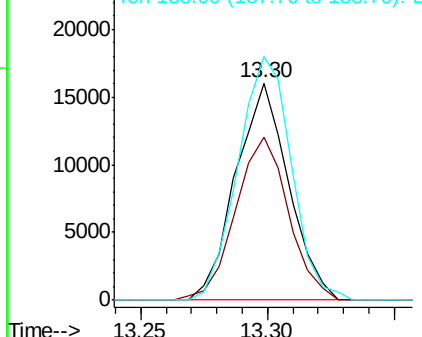


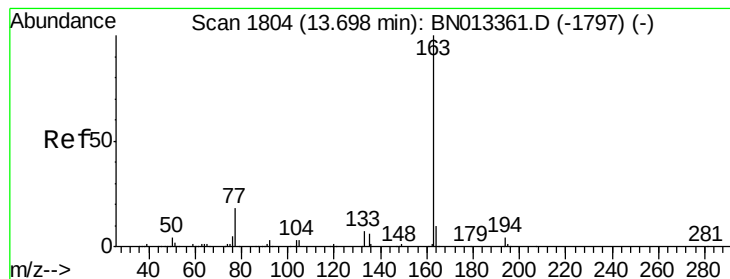
#45
2-Nitroaniline
Concen: 2.034 ng/ul
RT: 13.30 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BN013367.D
Acq: 08 Jan 2021 14:38

Tgt Ion: 65 Resp: 23172
Ion Ratio Lower Upper
65 100
92 74.9 56.2 84.4
138 112.1 91.5 137.3



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: 3.319 ng/ul

RT: 13.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

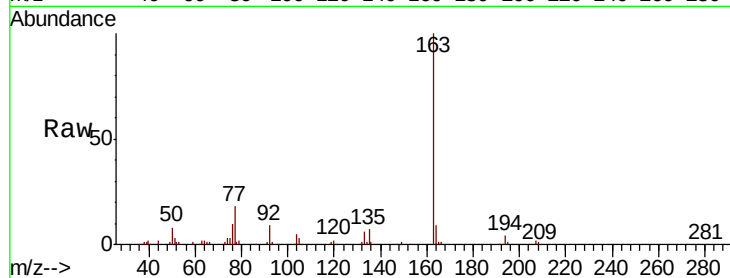
Tot Ion:163 Resp: 185602

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

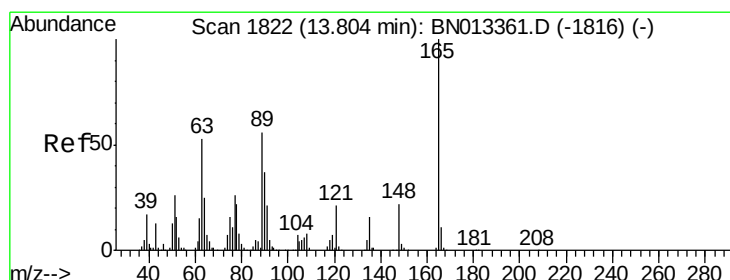
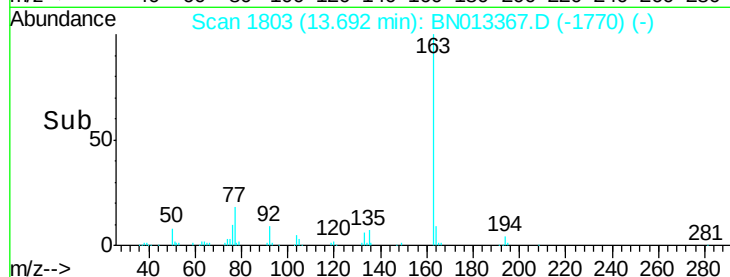
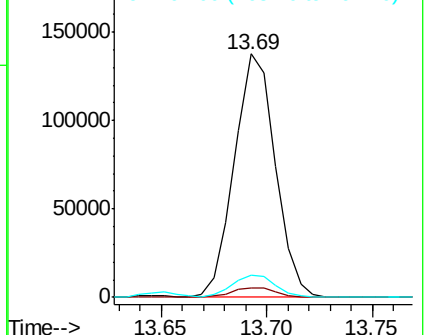
164 9.2 8.2 12.4



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: 2.280 ng/ul

RT: 13.80 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

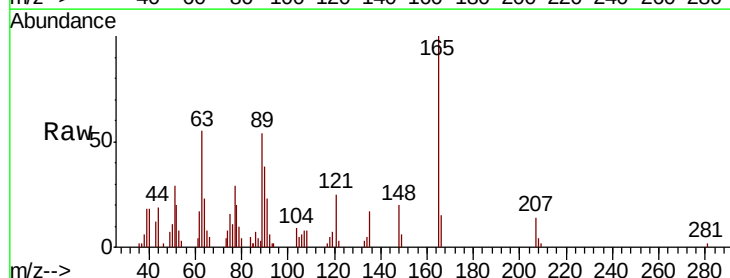
Tgt Ion:165 Resp: 24183

Ion Ratio Lower Upper

165 100

89 54.5 45.0 67.4

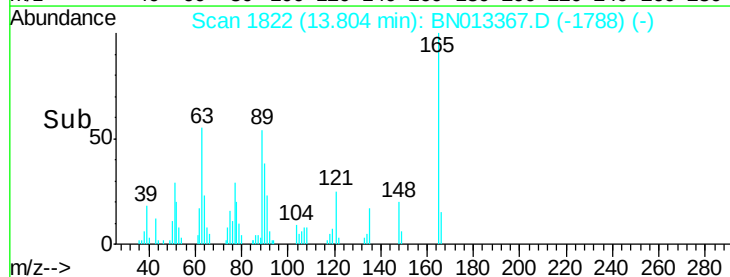
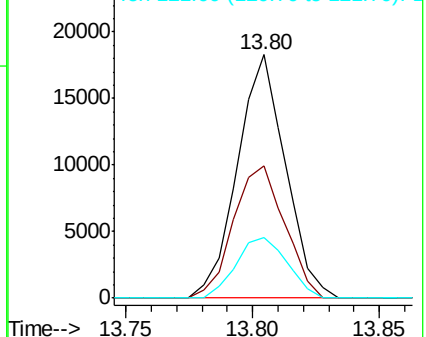
121 25.0 17.0 25.6

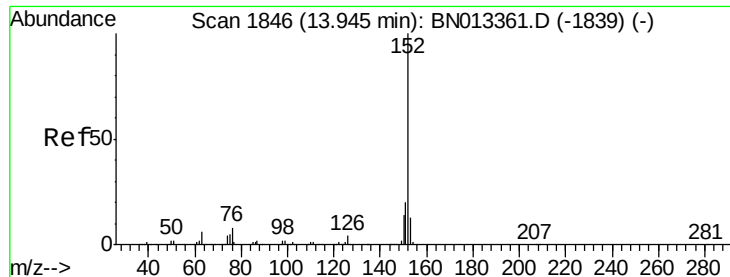


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#50

Acenaphthylene

Concen: 3.379 ng/ul

RT: 13.95 min Scan# 1846

Delta R.T. -0.00 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

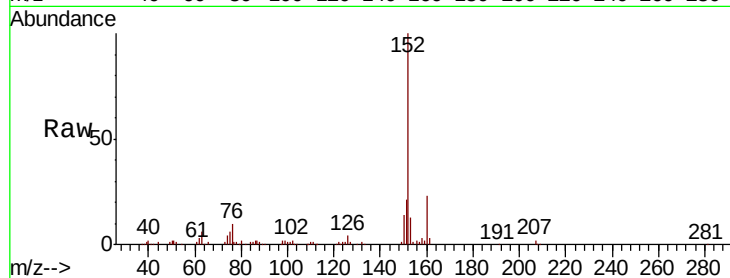
Tot Ion:152 Resp: 229674

Ion Ratio Lower Upper

152 100

151 20.8 15.8 23.6

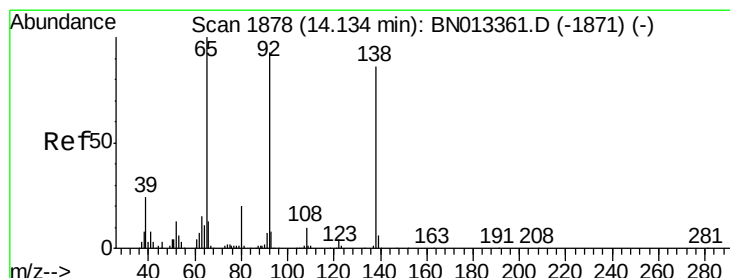
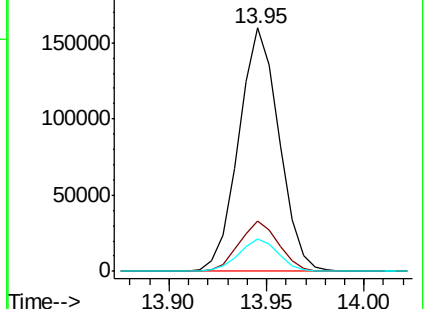
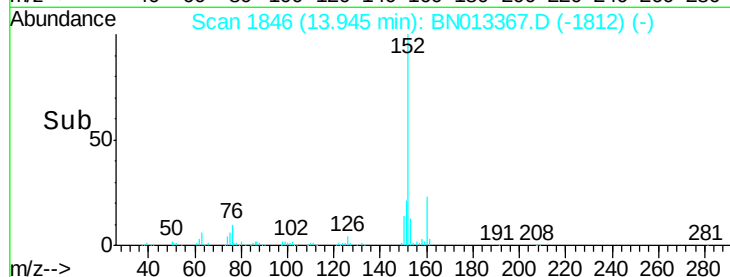
153 13.3 10.6 15.8



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: 2.691 ng/ul

RT: 14.13 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

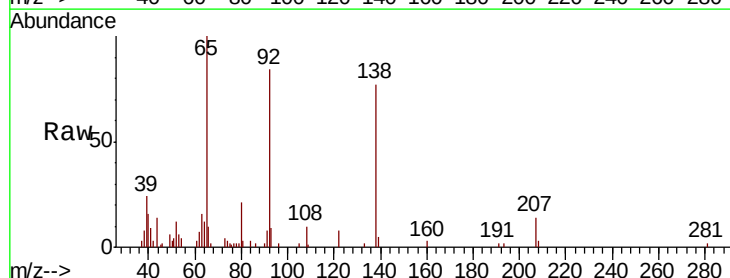
Tgt Ion:138 Resp: 26323

Ion Ratio Lower Upper

138 100

108 13.3 9.0 13.4

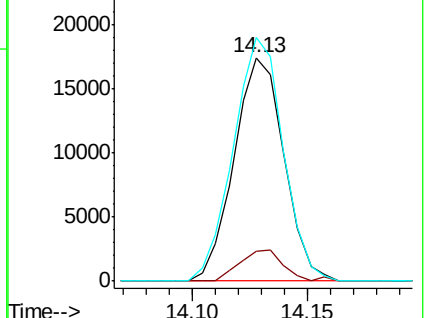
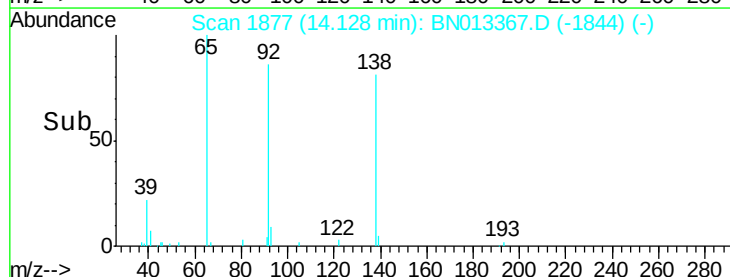
92 108.8 86.7 130.1

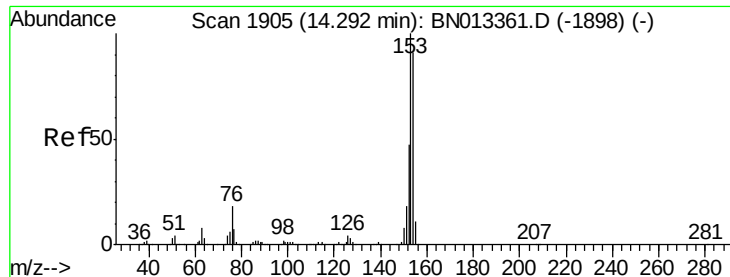


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC





#52

Acenaphthene

Concen: 3.374 ng/ul

RT: 14.29 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

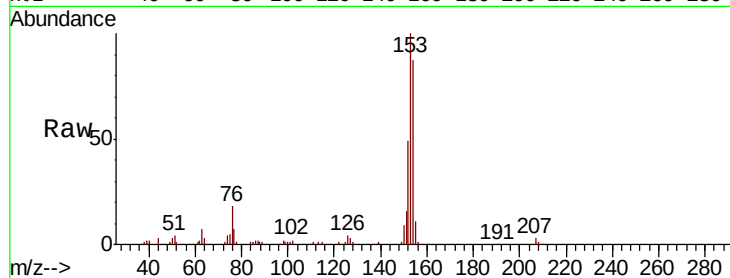
Tot Ion:153 Resp: 161804

Ion Ratio Lower Upper

153 100

152 49.2 37.4 56.2

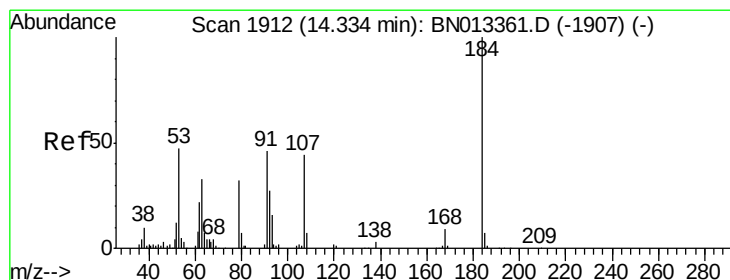
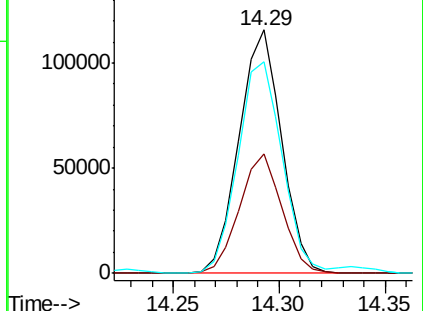
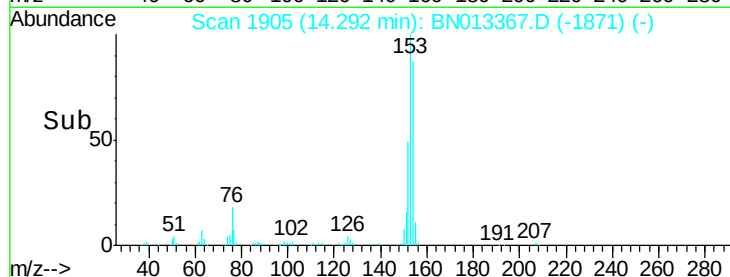
154 87.1 72.7 109.1



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: 1.617 ng/ul

RT: 14.33 min Scan# 1912

Delta R.T. -0.00 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

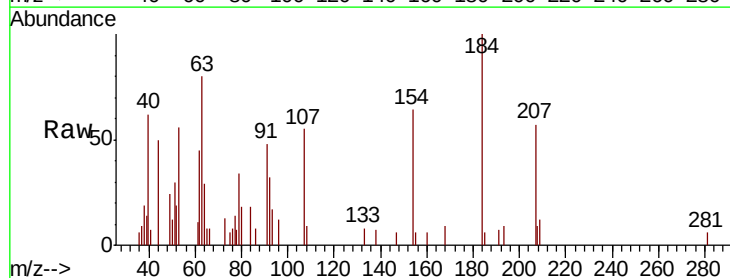
Tgt Ion:184 Resp: 7687

Ion Ratio Lower Upper

184 100

63 79.8 53.5 80.3

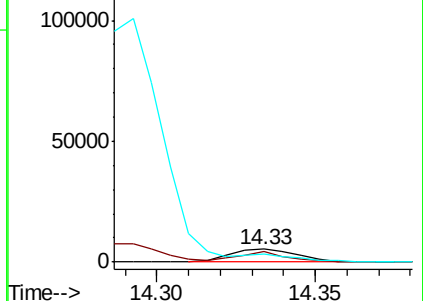
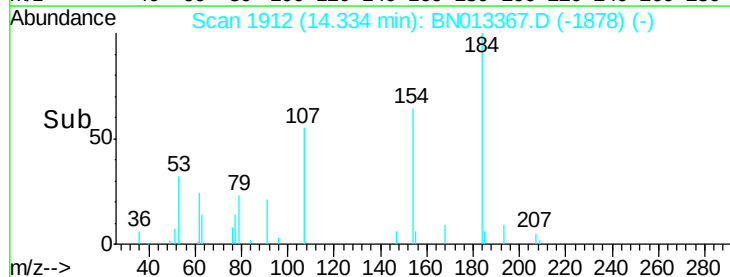
154 64.2 49.8 74.8

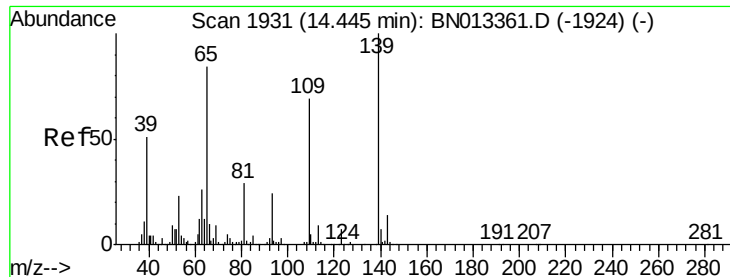


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BN0

Ion 154.00 (153.70 to 154.70): E

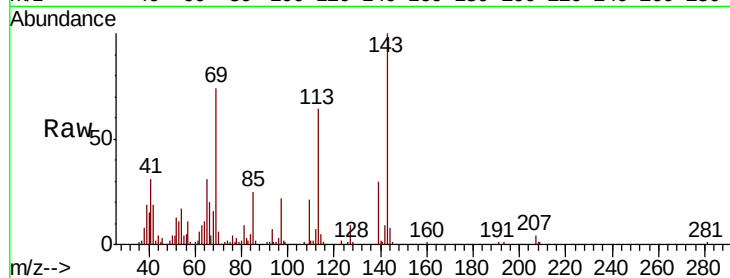




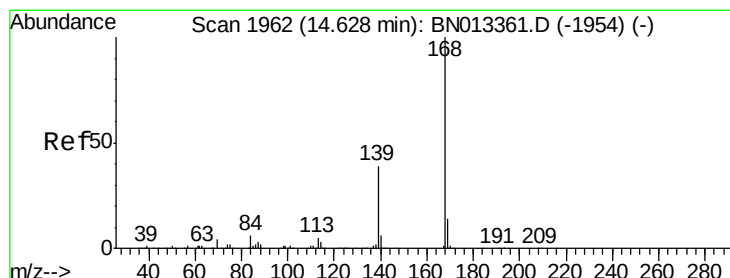
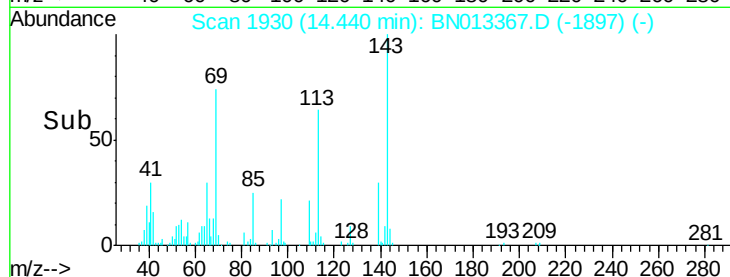
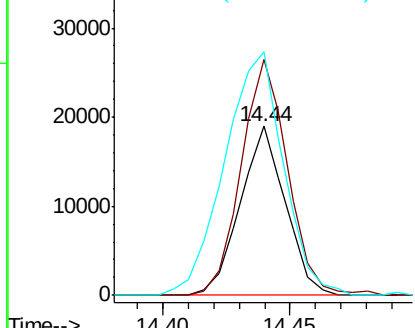
#55
4-Nitrophenol
Concen: 3.142 ng/ul
RT: 14.44 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BN013367.D
Acq: 08 Jan 2021 14:38

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03

Tot Ion:109 Resp: 23549
Ion Ratio Lower Upper
109 100
139 139.9 115.7 173.5
65 144.2 97.9 146.9

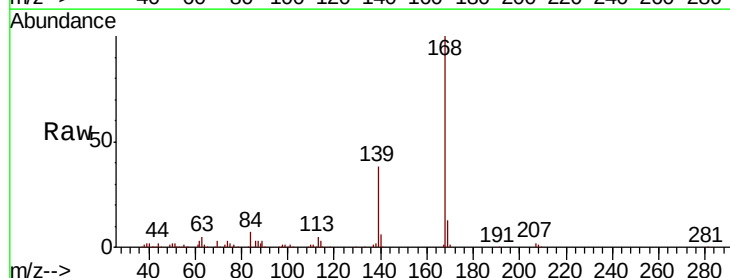


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BNC

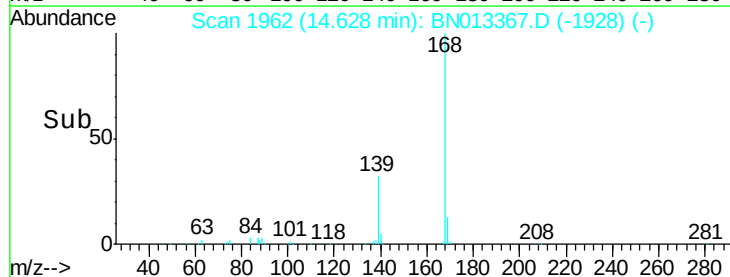
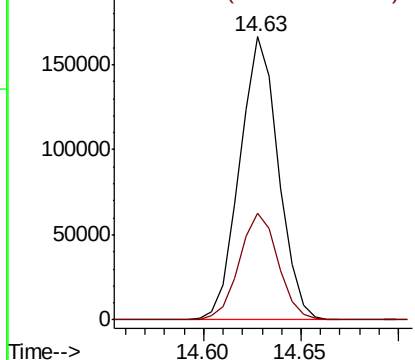


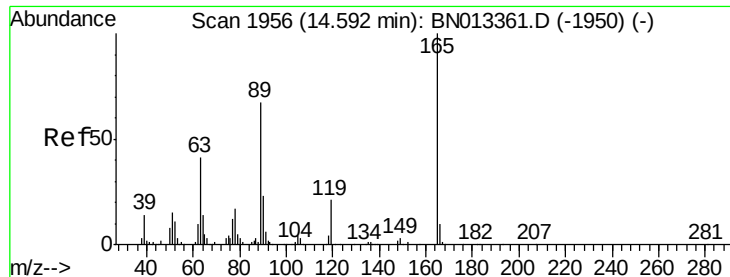
#56
Dibenzofuran
Concen: 3.484 ng/ul
RT: 14.63 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BN013367.D
Acq: 08 Jan 2021 14:38

Tgt Ion:168 Resp: 228768
Ion Ratio Lower Upper
168 100
139 37.6 31.5 47.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#57

2,4-Dinitrotoluene

Concen: 2.627 ng/ul

RT: 14.59 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

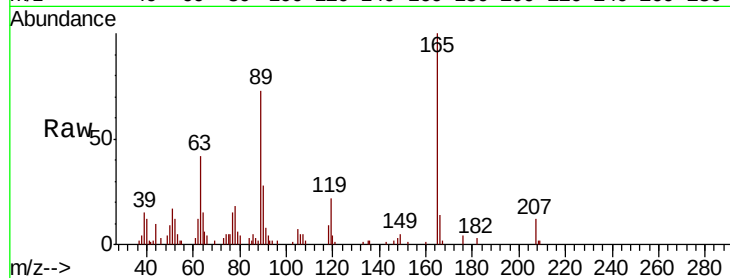
Tot Ion:165 Resp: 39709

Ion Ratio Lower Upper

165 100

63 42.3 32.6 48.8

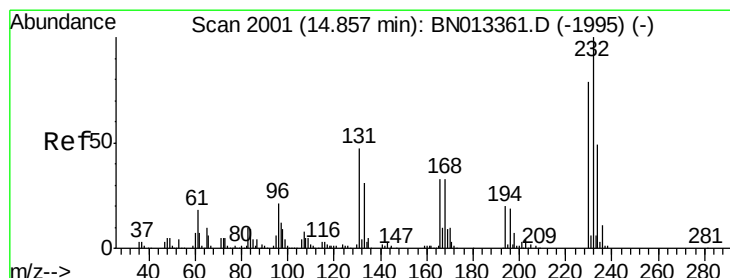
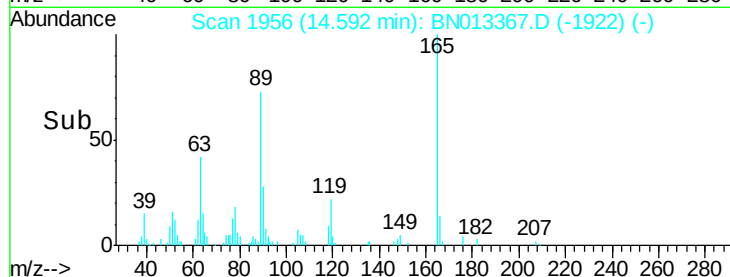
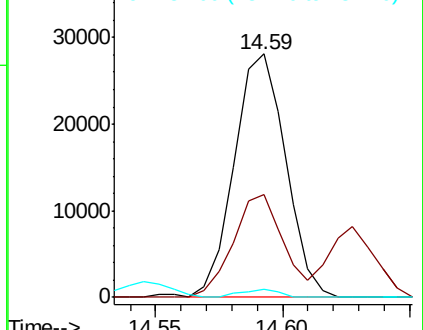
182 3.1 2.4 3.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 182.00 (181.70 to 182.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 2.431 ng/ul

RT: 14.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

Tgt Ion:232 Resp: 30547

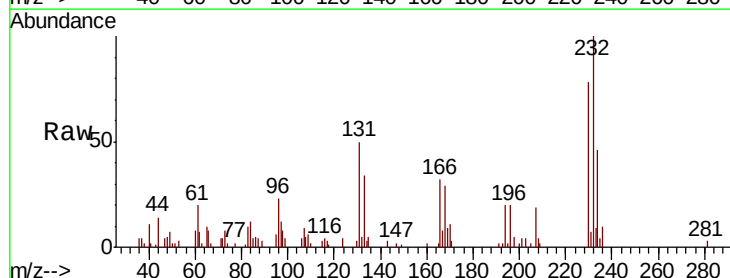
Ion Ratio Lower Upper

232 100

131 49.9 37.5 56.3

130 2.5 1.9 2.9

166 31.9 26.7 40.1

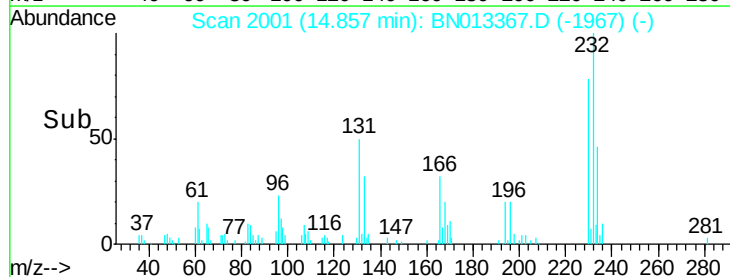
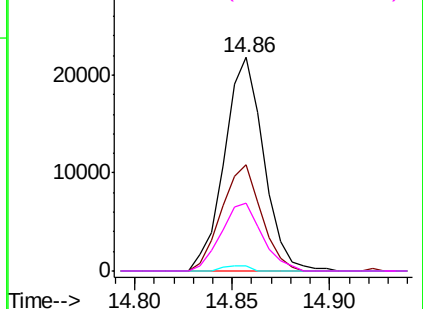


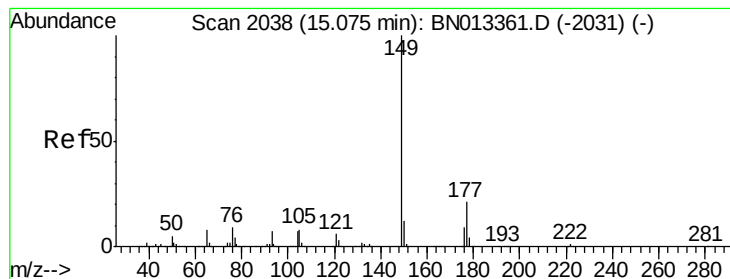
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 2.838 ng/ul

RT: 15.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

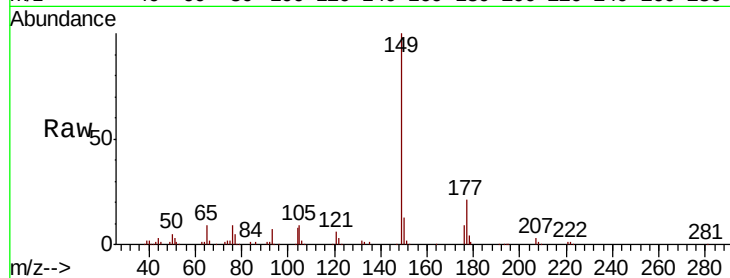
Tot Ion:149 Resp: 161354

Ion Ratio Lower Upper

149 100

177 20.6 17.1 25.7

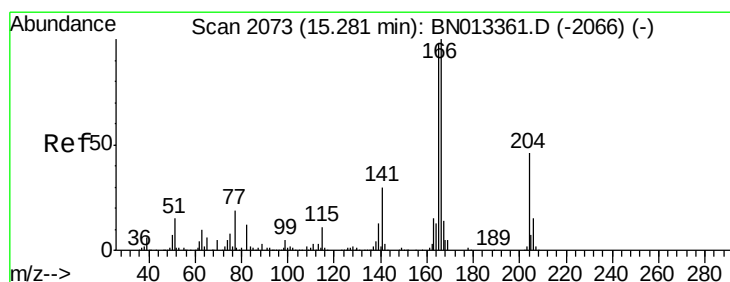
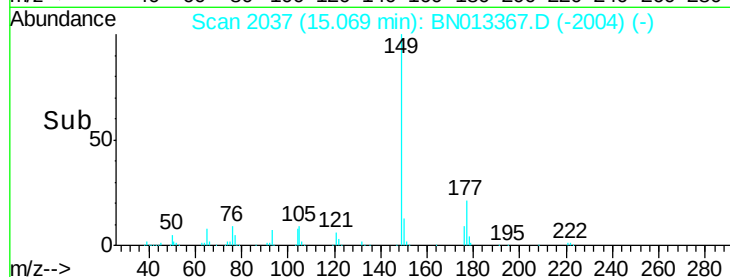
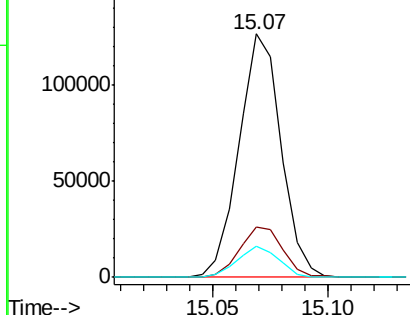
150 12.8 10.0 15.0



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: 3.549 ng/ul

RT: 15.28 min Scan# 2073

Delta R.T. -0.00 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

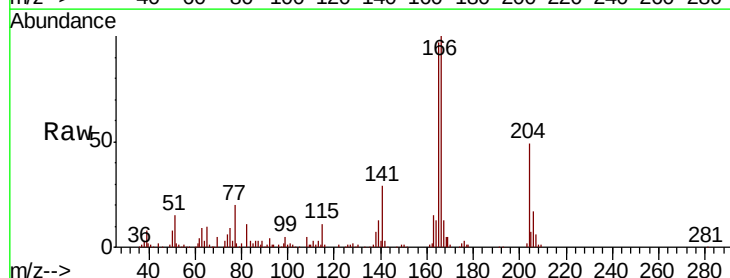
Tgt Ion:166 Resp: 188747

Ion Ratio Lower Upper

166 100

165 96.6 78.3 117.5

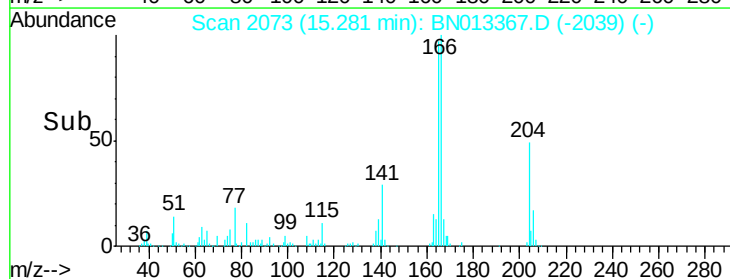
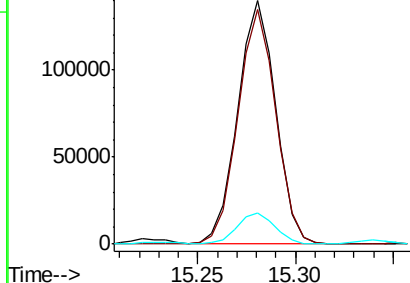
167 13.0 10.8 16.2

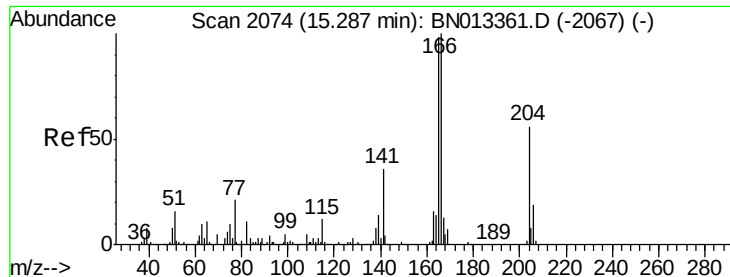


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

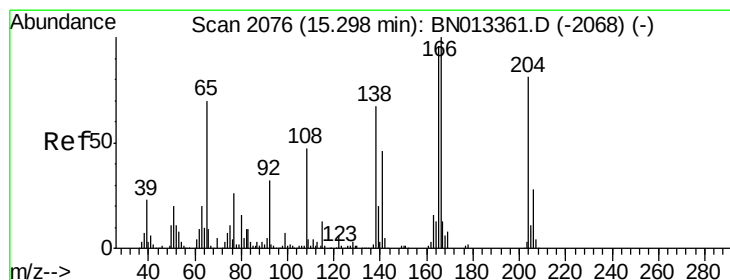
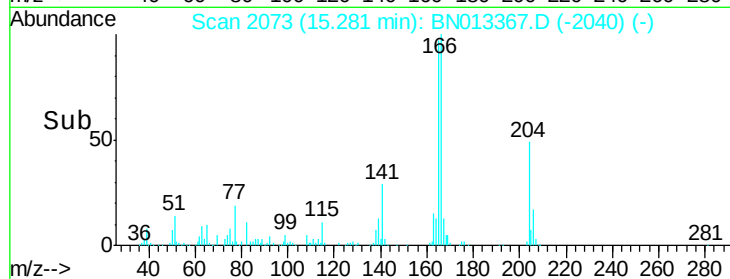
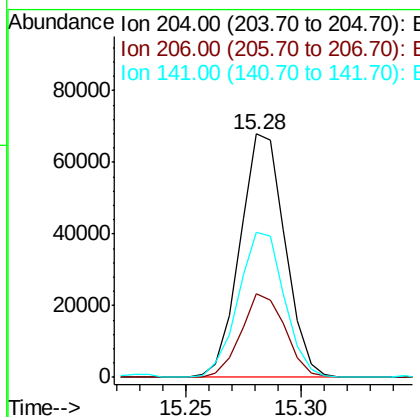
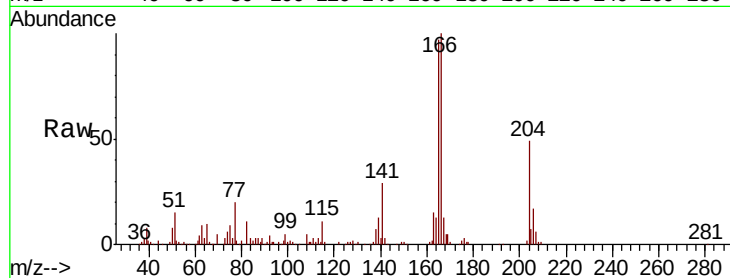




#62
4-Chlorophenyl-phenylether
Concen: 3.607 ng/ul
RT: 15.28 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BN013367.D
Acq: 08 Jan 2021 14:38

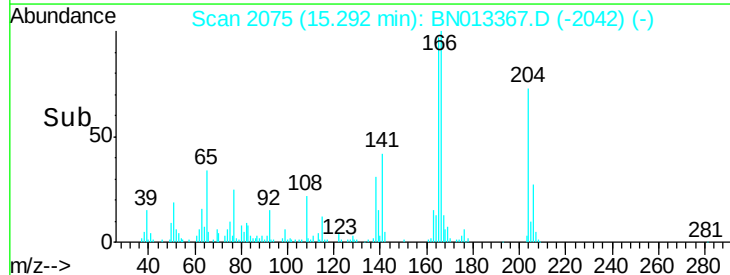
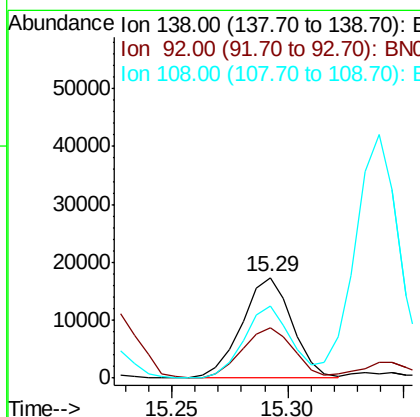
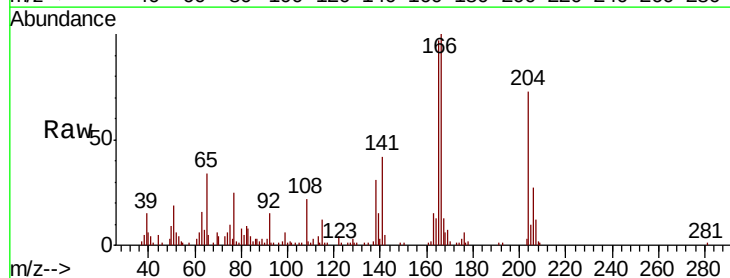
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03

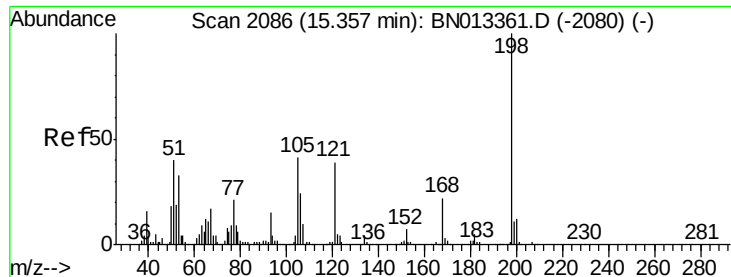
Tot Ion:204 Resp: 92472
Ion Ratio Lower Upper
204 100
206 34.1 27.6 41.4
141 59.6 50.6 76.0



#63
4-Nitroaniline
Concen: 2.878 ng/ul
RT: 15.29 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BN013367.D
Acq: 08 Jan 2021 14:38

Tgt Ion:138 Resp: 26449
Ion Ratio Lower Upper
138 100
92 50.0 38.1 57.1
108 71.6 56.5 84.7

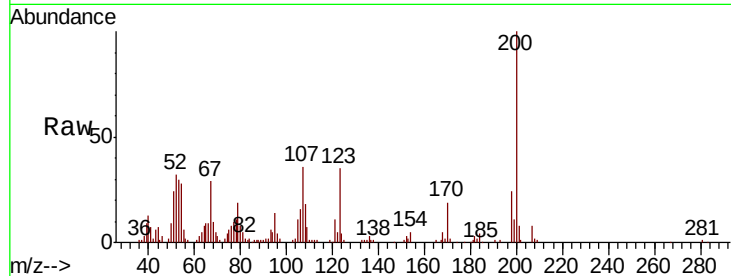




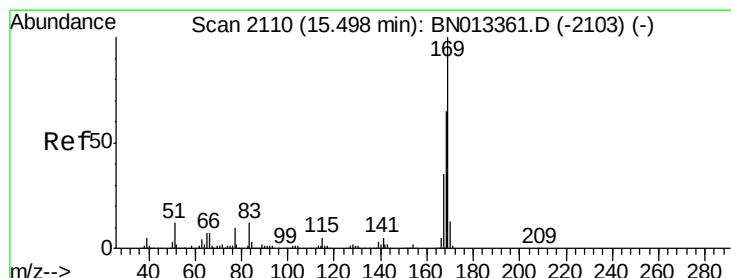
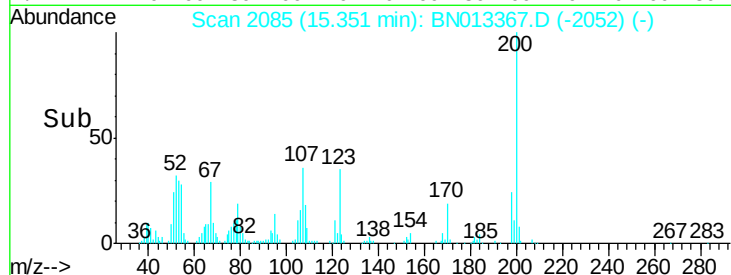
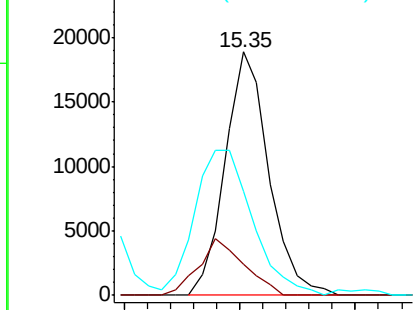
#66
 4,6-Dinitro-2-methylphenol
 Concen: 3.118 ng/ul
 RT: 15.35 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BN013367.D
 Acq: 08 Jan 2021 14:38

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03

Tot Ion:198 Resp: 24888
 Ion Ratio Lower Upper
 198 100
 182 13.0 3.8 5.6#
 77 42.6 17.6 26.4#

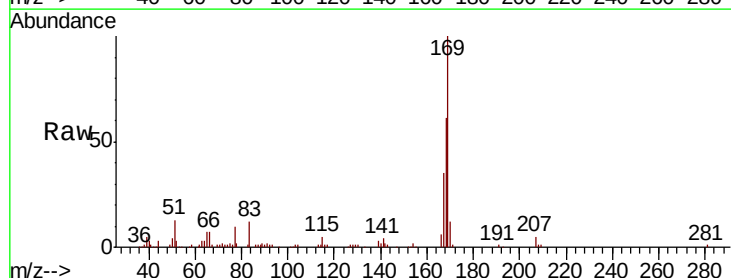


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BNC

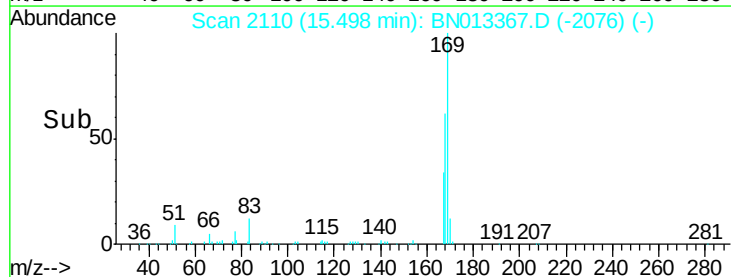
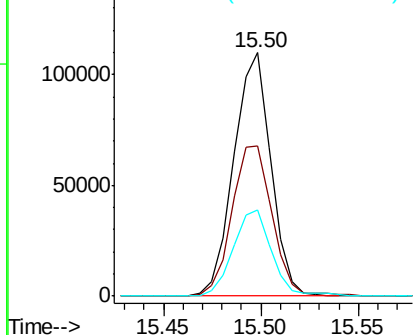


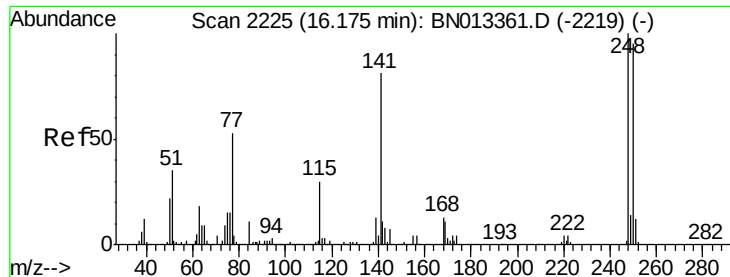
#67
 N-Nitrosodiphenylamine
 Concen: 3.151 ng/ul
 RT: 15.50 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: BN013367.D
 Acq: 08 Jan 2021 14:38

Tgt Ion:169 Resp: 144707
 Ion Ratio Lower Upper
 169 100
 168 61.5 51.7 77.5
 167 35.4 27.8 41.6



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

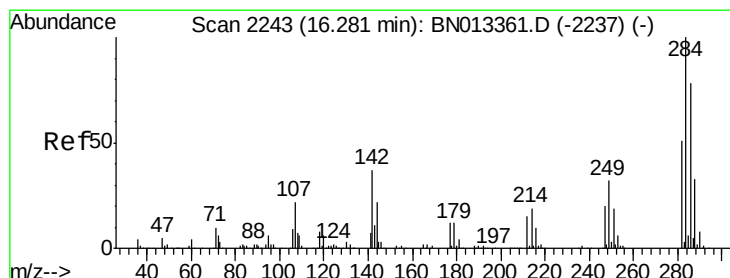
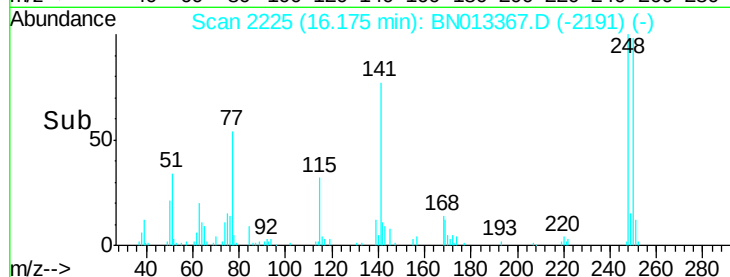
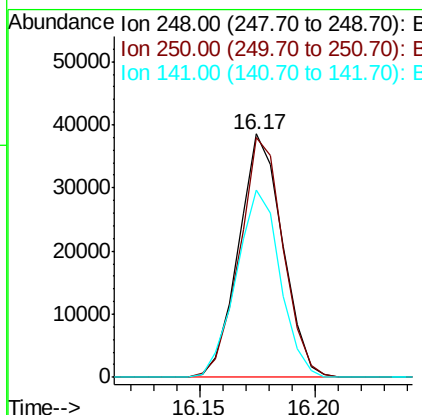
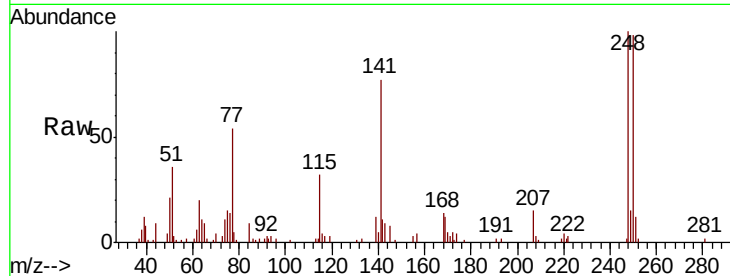




#68
4-Bromophenyl-phenylether
Concen: 3.188 ng/ul
RT: 16.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BN013367.D
Acq: 08 Jan 2021 14:38

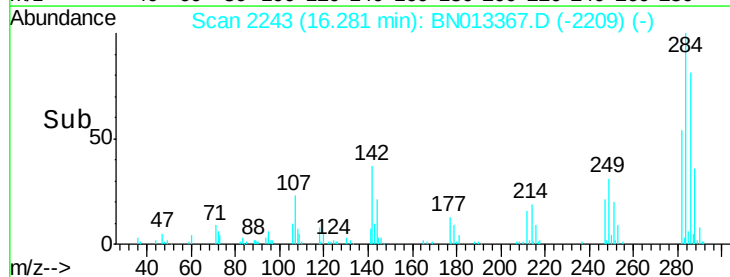
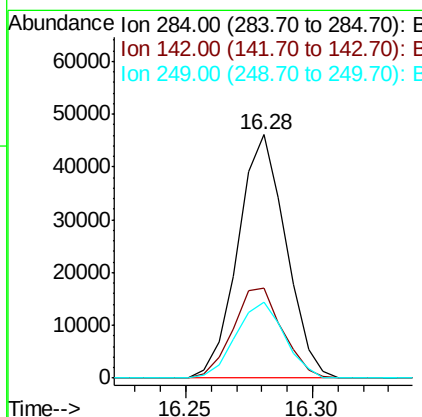
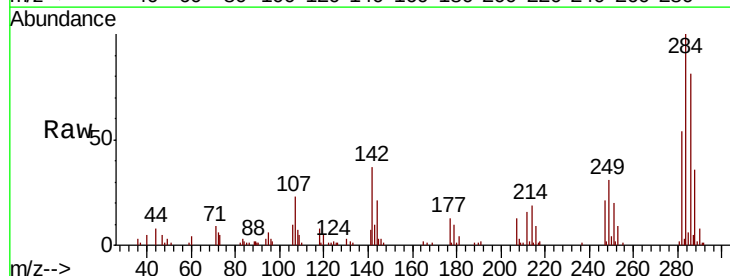
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03

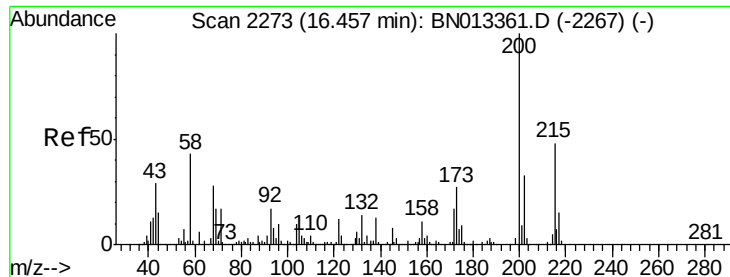
Tot Ion:248 Resp: 51129
Ion Ratio Lower Upper
248 100
250 98.3 75.8 113.6
141 76.9 64.4 96.6



#69
Hexachlorobenzene
Concen: 3.331 ng/ul
RT: 16.28 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BN013367.D
Acq: 08 Jan 2021 14:38

Tgt Ion:284 Resp: 60572
Ion Ratio Lower Upper
284 100
142 36.7 29.3 43.9
249 31.4 25.8 38.6





#70

Atrazine

Concen: 2.448 ng/ul

RT: 16.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

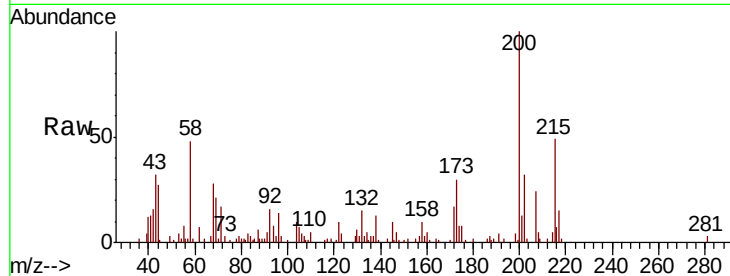
Tot Ion:200 Resp: 38391

Ion Ratio Lower Upper

200 100

173 30.5 21.8 32.6

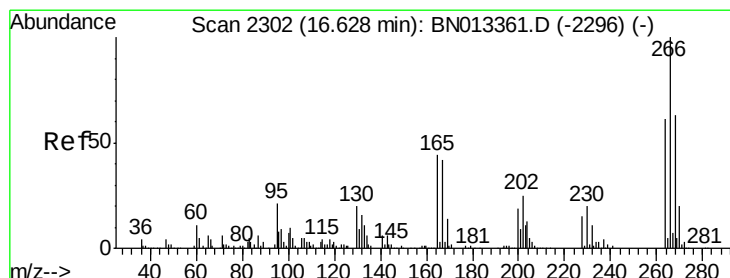
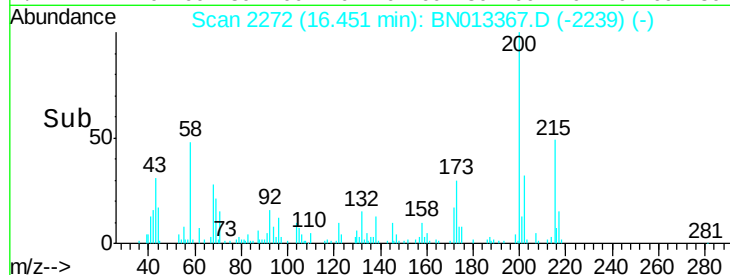
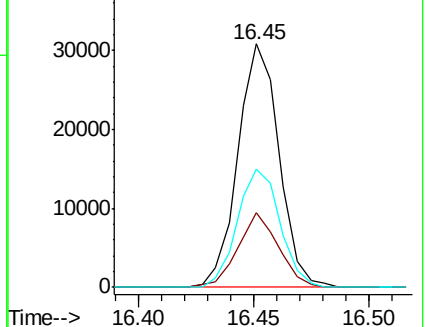
215 48.7 38.8 58.2



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: 2.010 ng/ul

RT: 16.62 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

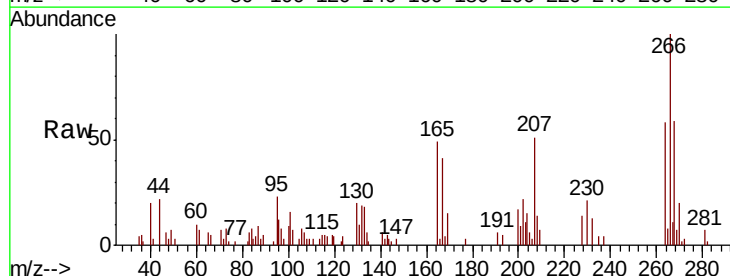
Tgt Ion:266 Resp: 20385

Ion Ratio Lower Upper

266 100

264 58.4 48.6 72.8

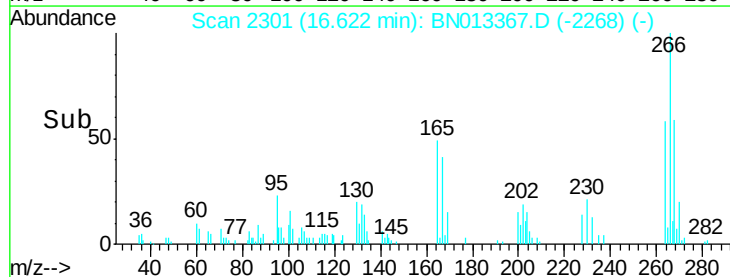
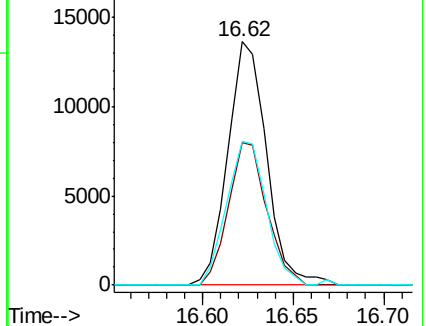
268 59.0 50.2 75.2

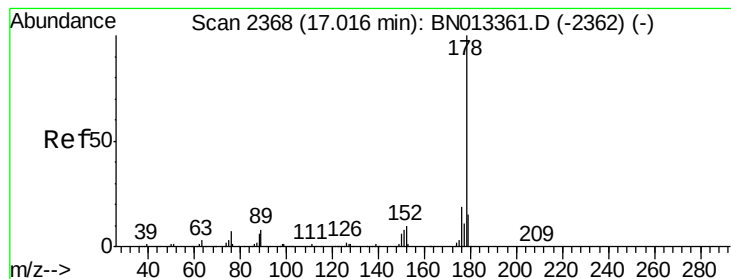


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#72

Phenanthrene

Concen: 3.451 ng/ul

RT: 17.02 min Scan# 2368

Delta R.T. -0.00 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

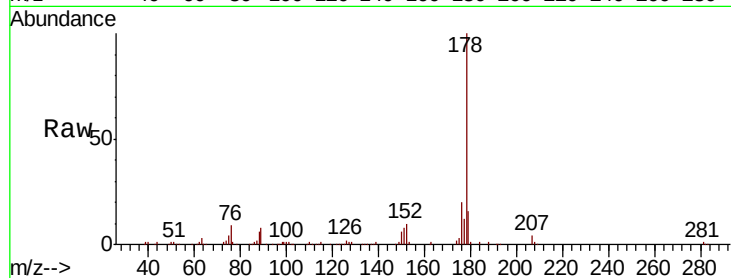
Tot Ion:178 Resp: 291758

Ion Ratio Lower Upper

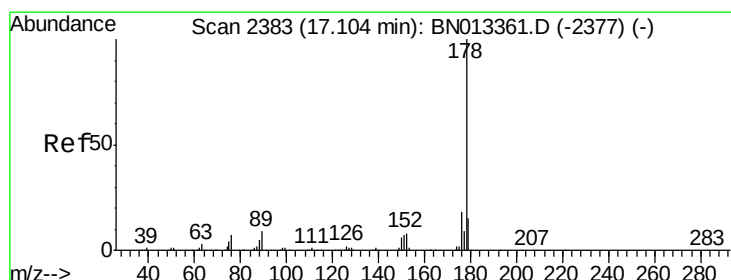
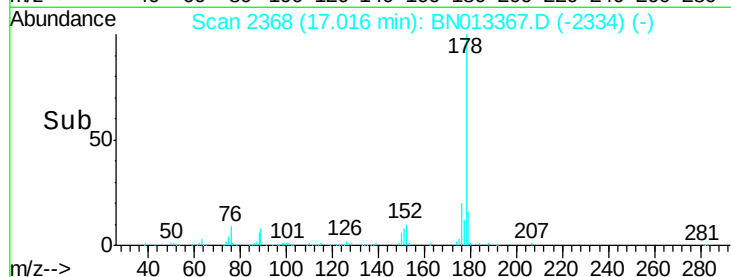
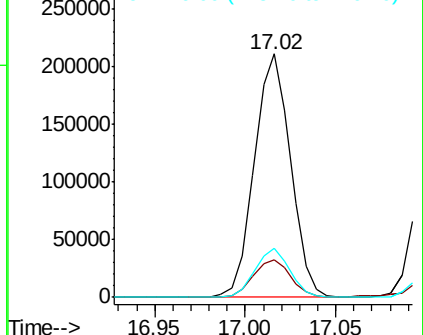
178 100

179 15.5 12.2 18.4

176 20.2 15.3 22.9



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: 3.445 ng/ul

RT: 17.10 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

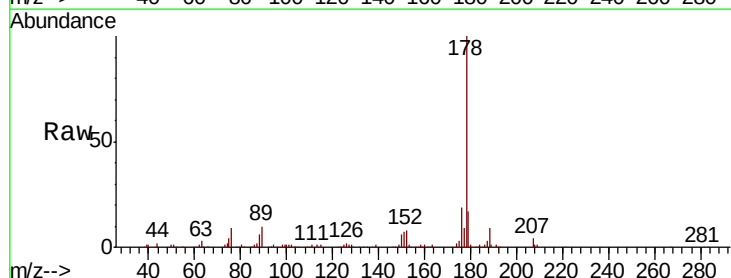
Tgt Ion:178 Resp: 297302

Ion Ratio Lower Upper

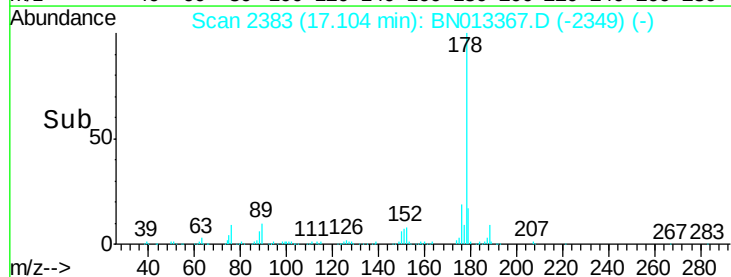
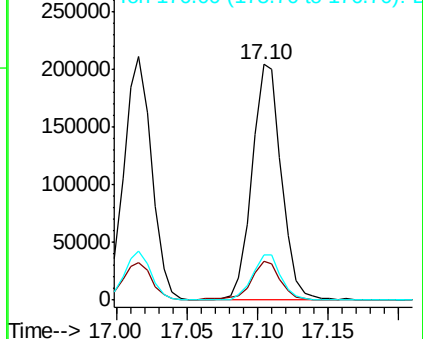
178 100

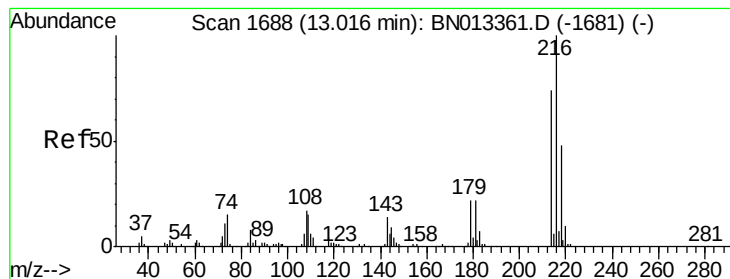
179 16.6 12.1 18.1

176 19.2 14.6 21.8



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





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.513 ng/uL

RT: 13.02 min Scan# 1688

Delta R.T. -0.00 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

Instrument :

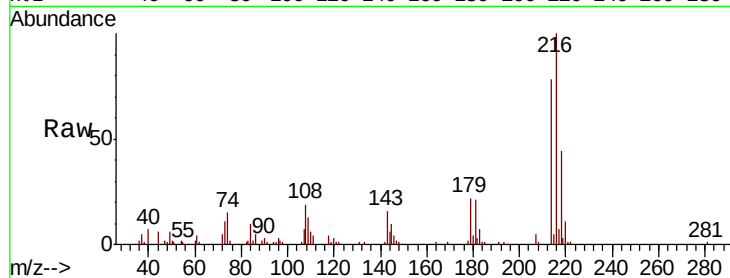
BNA_N

ClientSampleId :

MDL-SOIL-03

Tot Ion:216 Resp: 74198

Ion	Ratio	Lower	Upper
216	100		
214	77.9	59.4	89.0
218	44.4	38.1	57.1

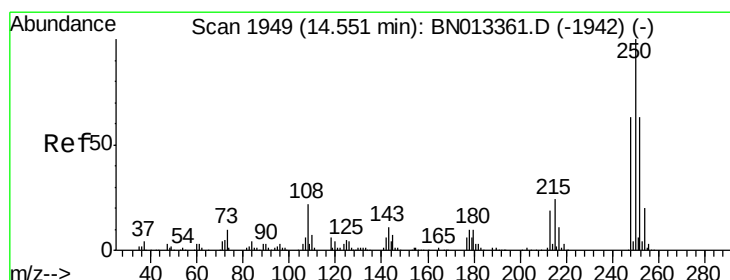
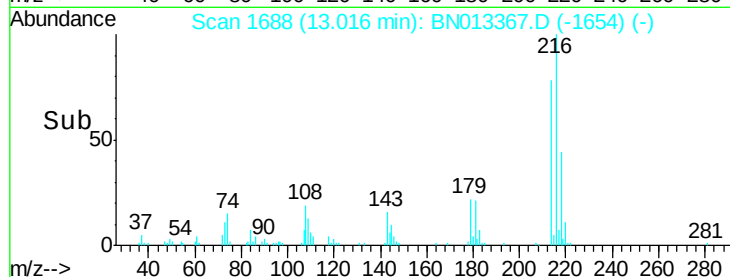
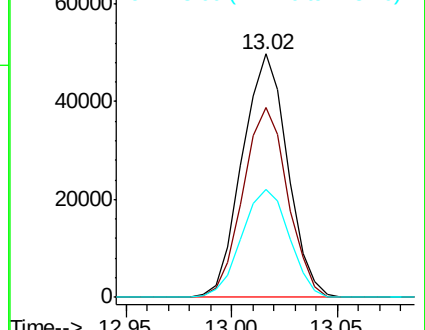


Abundance

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: 3.511 ng/uL

RT: 14.55 min Scan# 1948

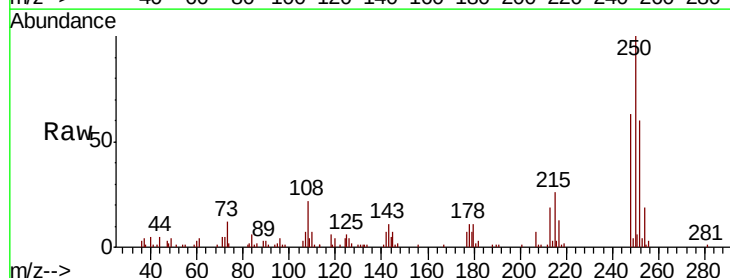
Delta R.T. -0.01 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

Tgt Ion:250 Resp: 73998

Ion	Ratio	Lower	Upper
250	100		
248	63.4	50.6	75.8
252	59.9	50.8	76.2

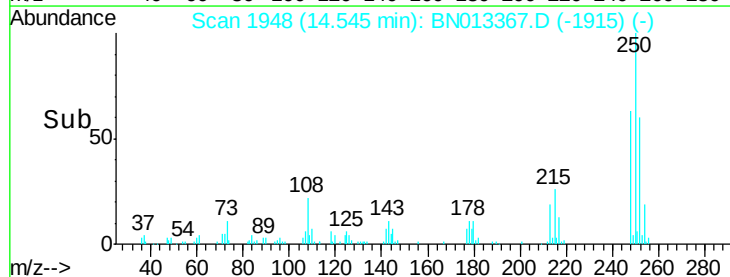
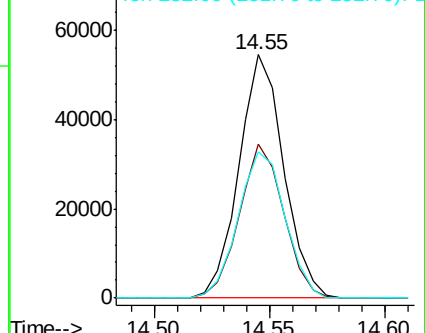


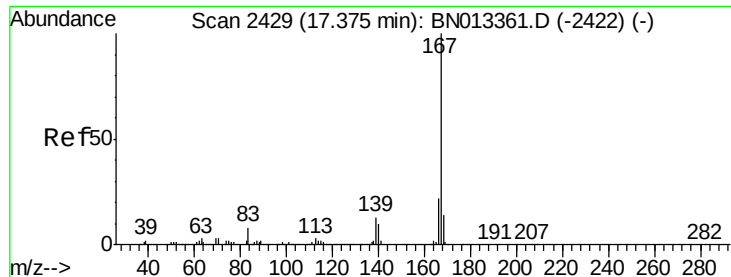
Abundance

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



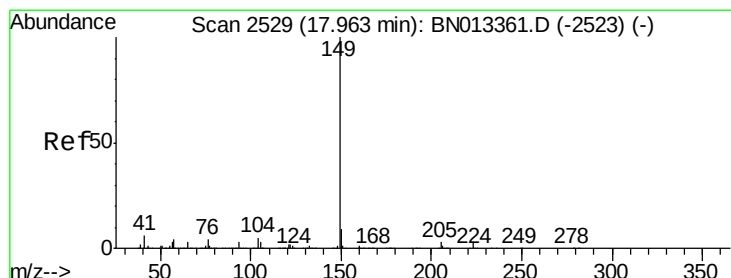
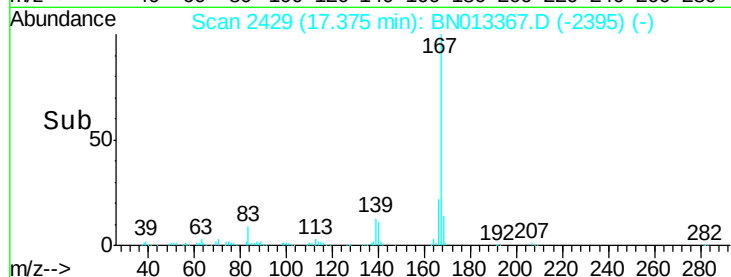
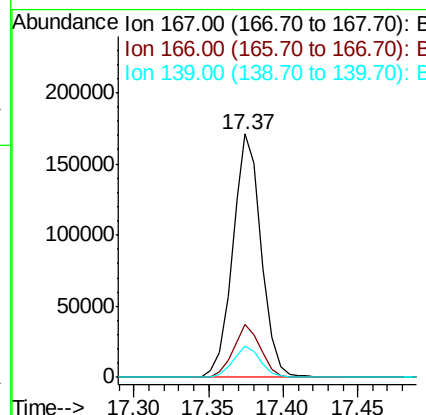
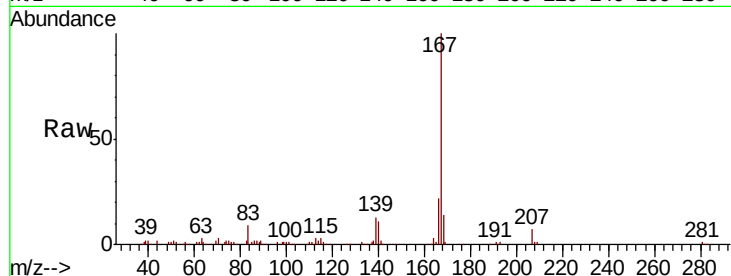


#77
Carbazole
 Concen: 3.253 ng/ul
 RT: 17.37 min Scan# 2429
 Delta R.T. -0.00 min
 Lab File: BN013367.D
 Acq: 08 Jan 2021 14:38

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03

Tot Ion:167 Resp: 227849

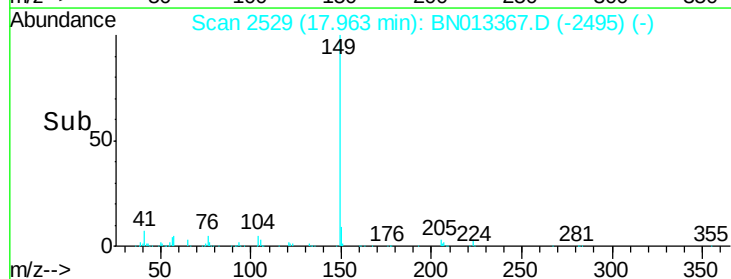
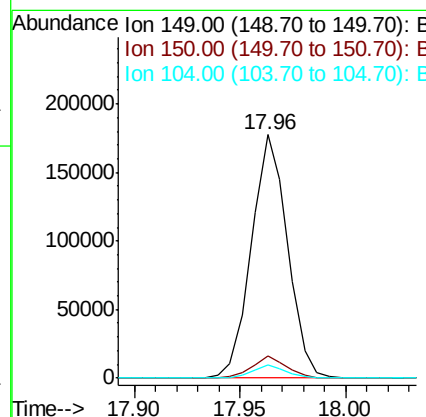
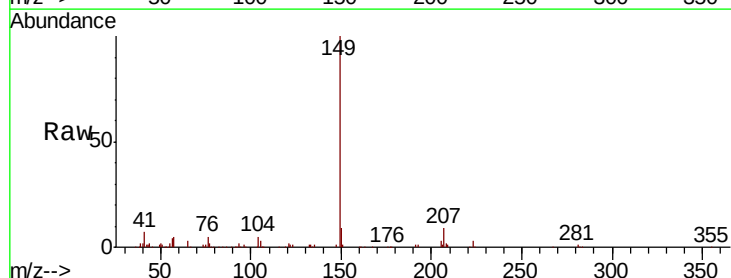
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	12.7	10.3	15.5

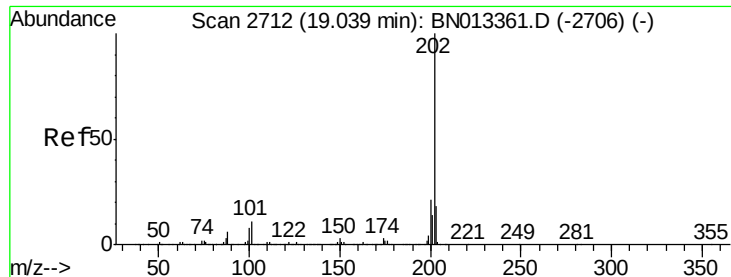


#78
Di-n-butylphthalate
 Concen: 2.209 ng/ul
 RT: 17.96 min Scan# 2529
 Delta R.T. -0.00 min
 Lab File: BN013367.D
 Acq: 08 Jan 2021 14:38

Tgt Ion:149 Resp: 210837

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	5.3	3.8	5.6

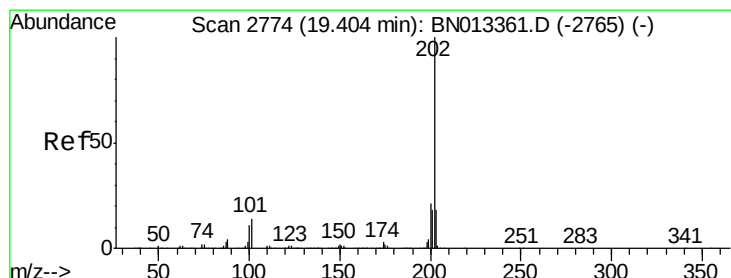
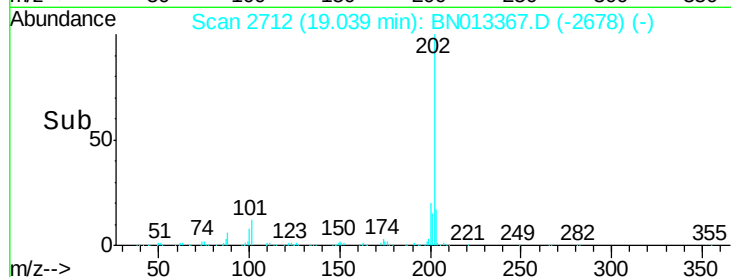
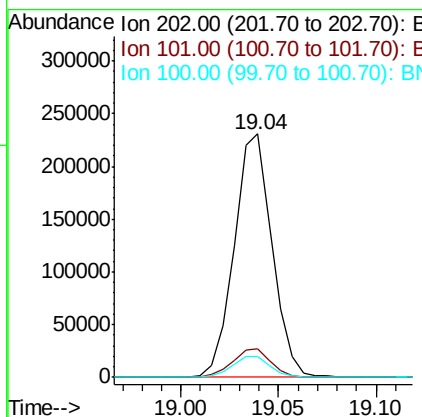
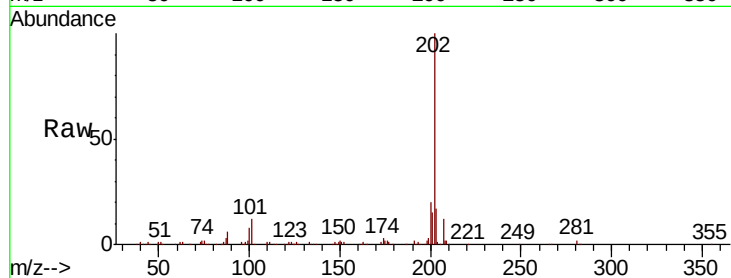




#80
Fluoranthene
Concen: 3.057 ng/ul
RT: 19.04 min Scan# 2712
Delta R.T. -0.00 min
Lab File: BN013367.D
Acq: 08 Jan 2021 14:38

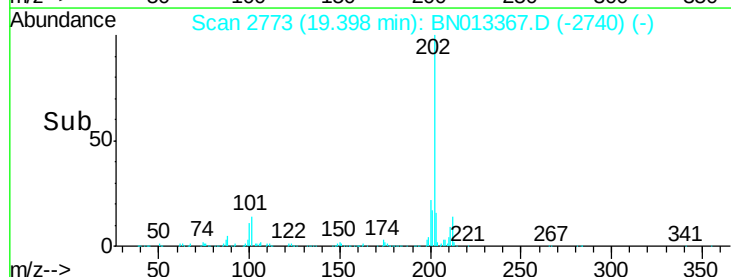
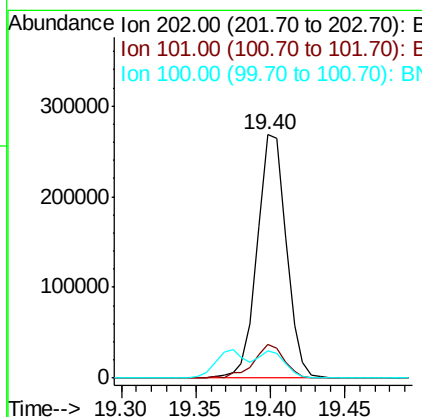
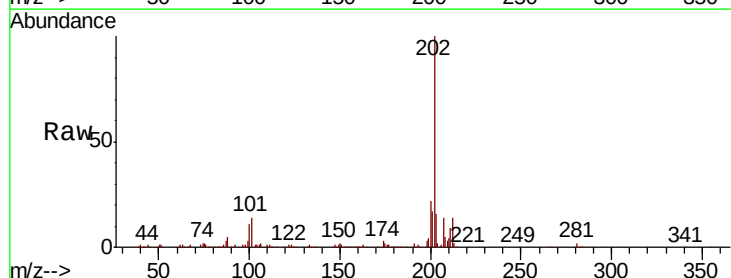
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03

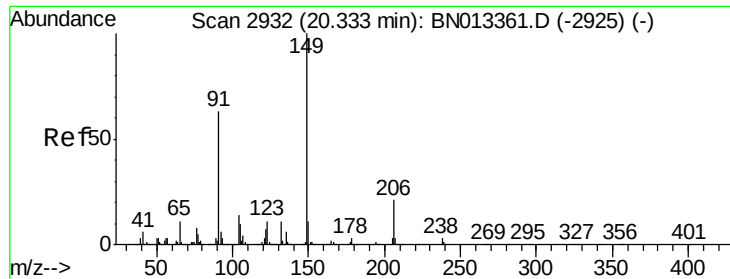
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.0	13.6
100	8.3	6.8	10.2



#82
Pyrene
Concen: 3.467 ng/ul
RT: 19.40 min Scan# 2773
Delta R.T. -0.01 min
Lab File: BN013367.D
Acq: 08 Jan 2021 14:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.9	16.3
100	11.1	9.2	13.8

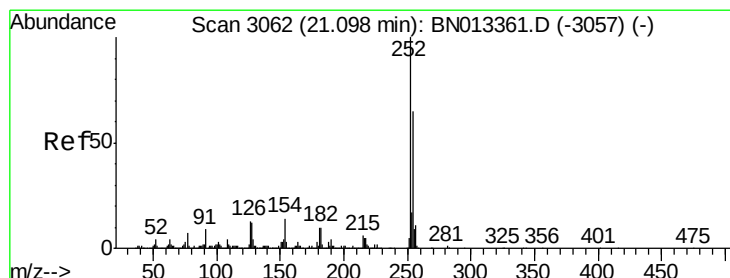
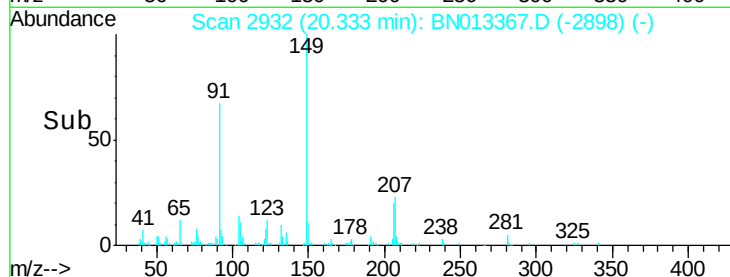
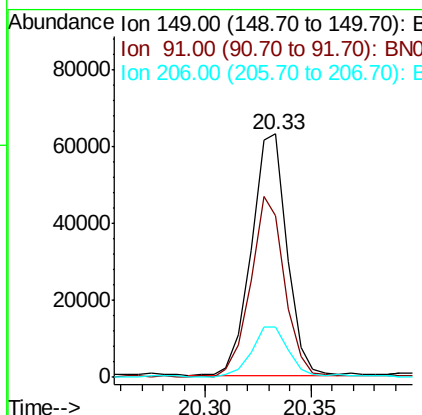
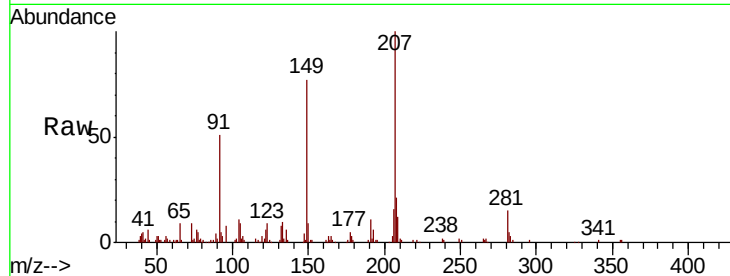




#83
Butylbenzylphthalate
Concen: 1.653 ng/ul
RT: 20.33 min Scan# 2932
Delta R.T. -0.00 min
Lab File: BN013367.D
Acq: 08 Jan 2021 14:38

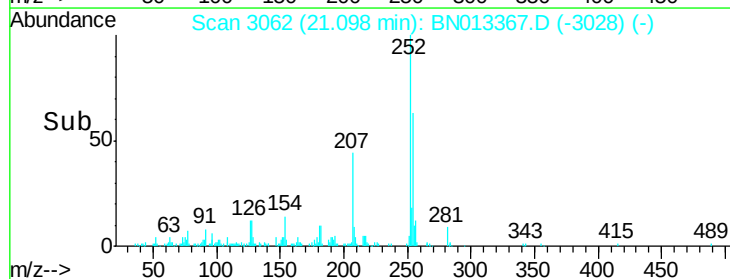
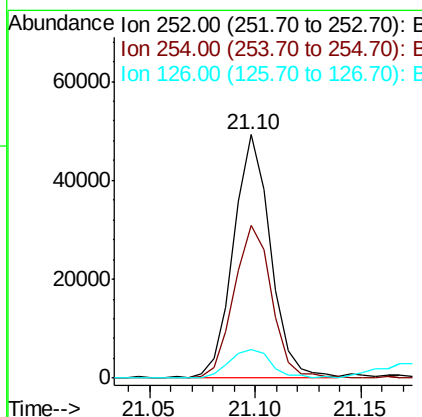
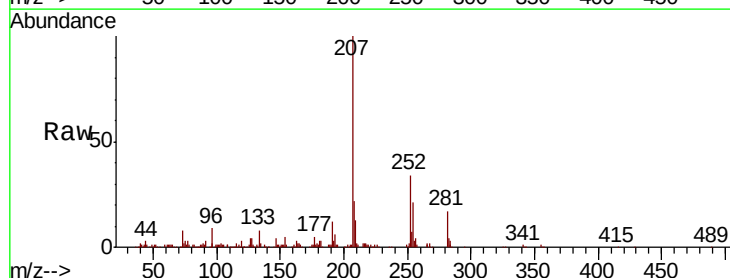
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03

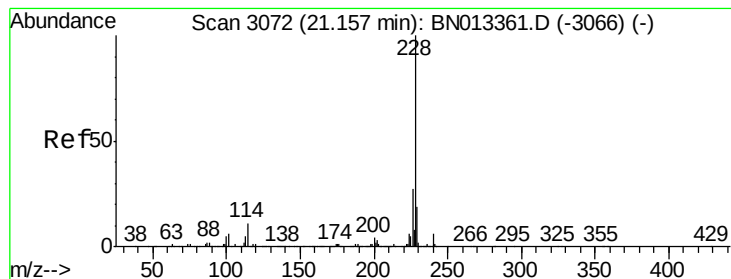
Tot Ion:149 Resp: 73836
Ion Ratio Lower Upper
149 100
91 66.4 50.2 75.4
206 20.7 17.0 25.6



#84
3,3'-Dichlorobenzidine
Concen: 2.152 ng/ul
RT: 21.10 min Scan# 3062
Delta R.T. -0.00 min
Lab File: BN013367.D
Acq: 08 Jan 2021 14:38

Tgt Ion:252 Resp: 59894
Ion Ratio Lower Upper
252 100
254 62.9 51.7 77.5
126 12.0 10.2 15.2





#85

Benzo(a)anthracene

Concen: 3.235 ng/ul

RT: 21.16 min Scan# 3072

Delta R.T. -0.00 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

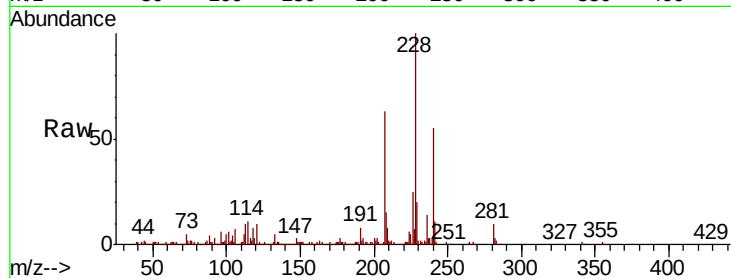
Tot Ion:228 Resp: 314182

Ion Ratio Lower Upper

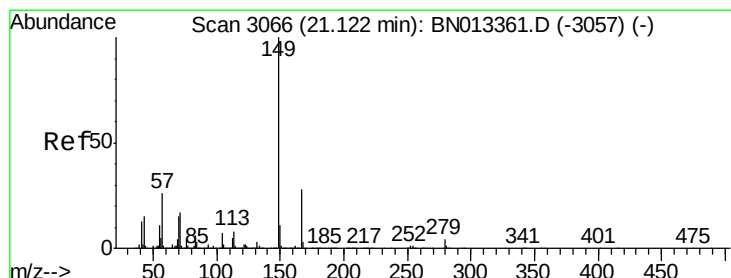
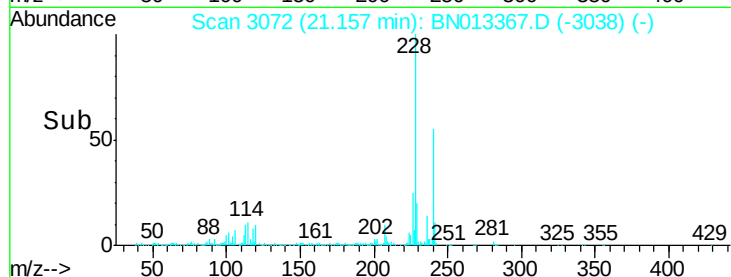
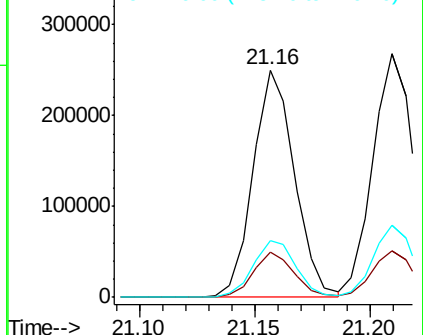
228 100

229 19.7 15.5 23.3

226 24.9 21.4 32.0



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



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.787 ng/ul

RT: 21.12 min Scan# 3066

Delta R.T. -0.00 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

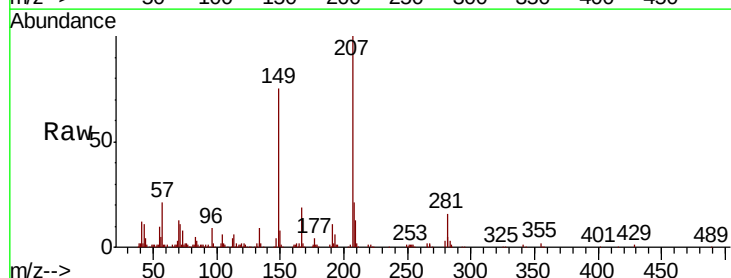
Tgt Ion:149 Resp: 118250

Ion Ratio Lower Upper

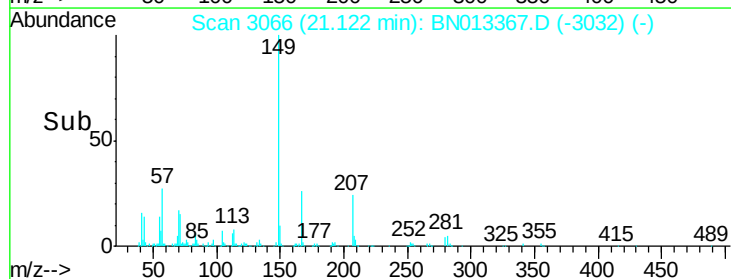
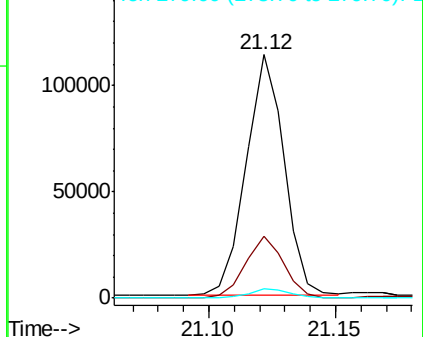
149 100

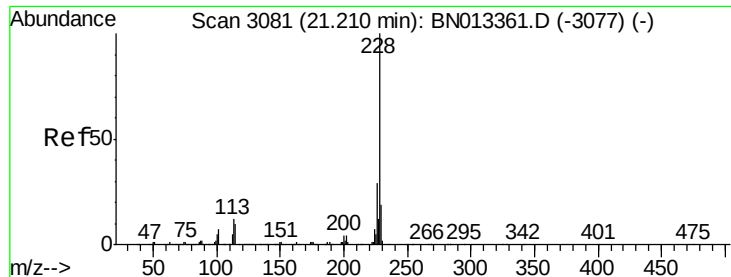
167 25.5 22.0 33.0

279 3.9 3.2 4.8



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





#87

Chrysene

Concen: 3.471 ng/ul

RT: 21.21 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

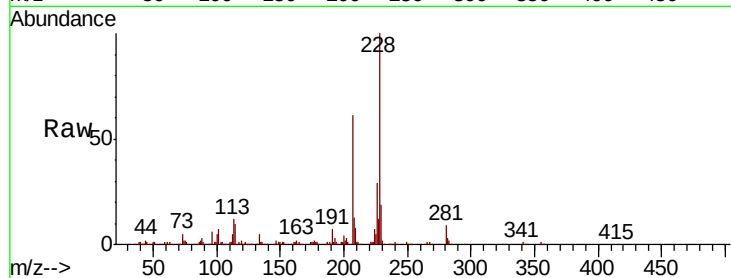
Tot Ion:228 Resp: 330133

Ion Ratio Lower Upper

228 100

226 29.4 23.1 34.7

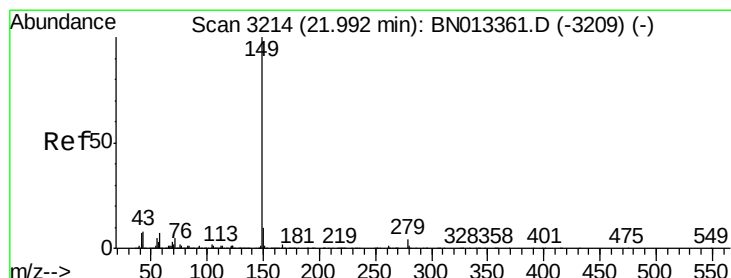
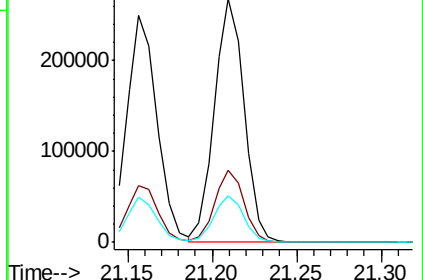
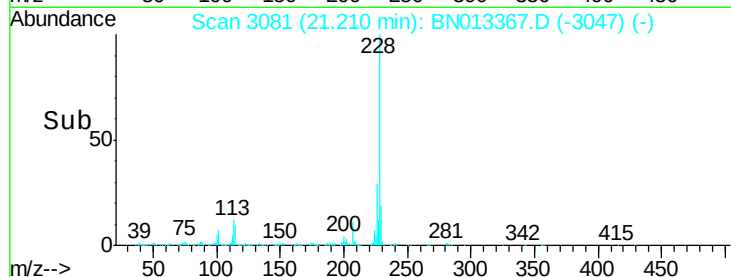
229 19.1 15.4 23.0



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: 2.109 ng/ul

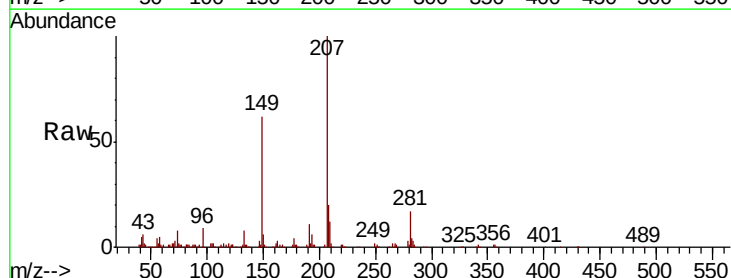
RT: 21.99 min Scan# 3214

Delta R.T. -0.00 min

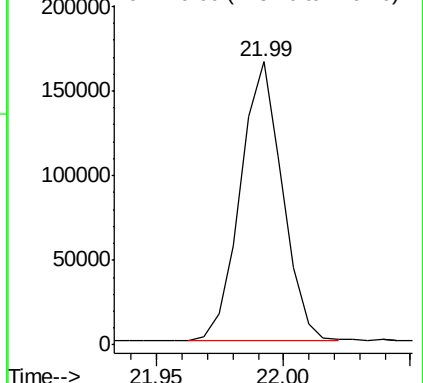
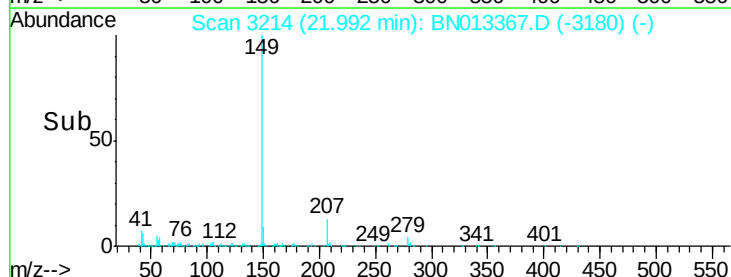
Lab File: BN013367.D

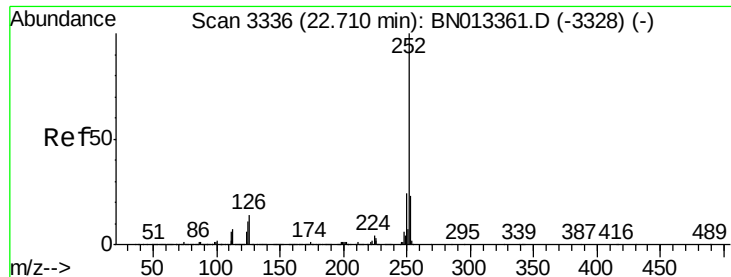
Acq: 08 Jan 2021 14:38

Tgt Ion:149 Resp: 189788



Abundance Ion 149.00 (148.70 to 149.70): E





#90

Benzo(b)fluoranthene

Concen: 3.468 ng/ul

RT: 22.70 min Scan# 3335

Delta R.T. -0.01 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

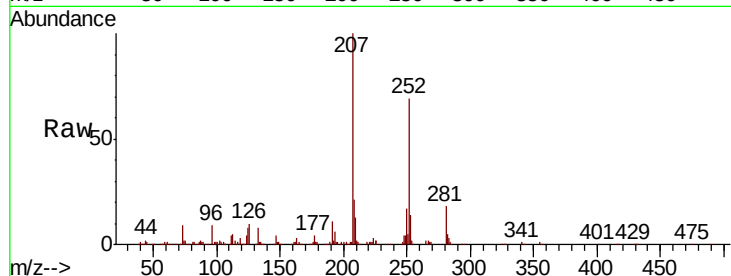
Tot Ion:252 Resp: 319951

Ion Ratio Lower Upper

252 100

253 21.1 18.2 27.2

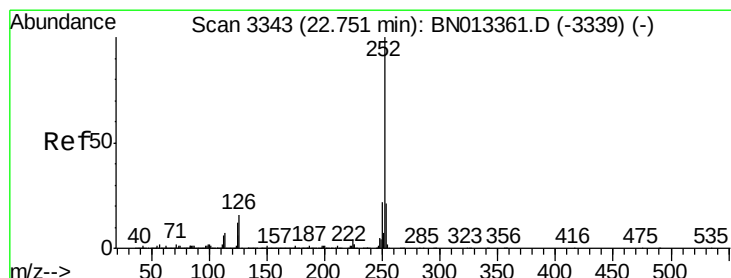
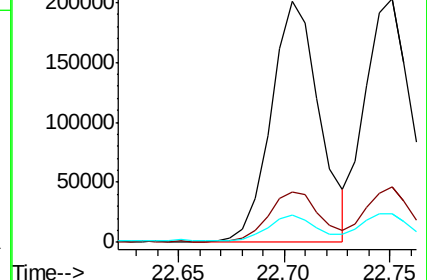
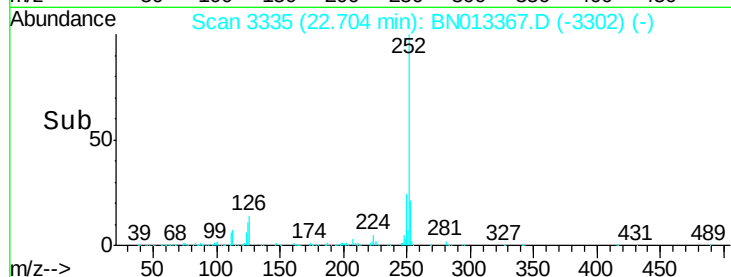
125 11.6 8.9 13.3



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



#91

Benzo(k)fluoranthene

Concen: 3.522 ng/ul

RT: 22.75 min Scan# 3343

Delta R.T. -0.00 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

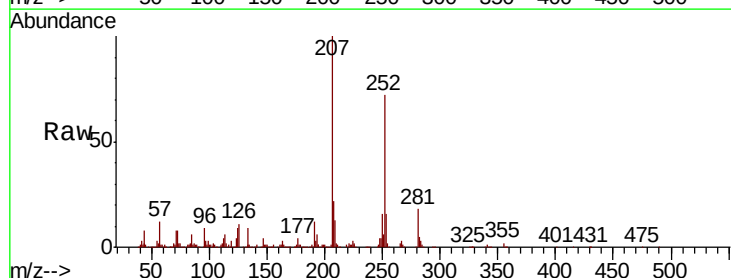
Tgt Ion:252 Resp: 309508

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.6

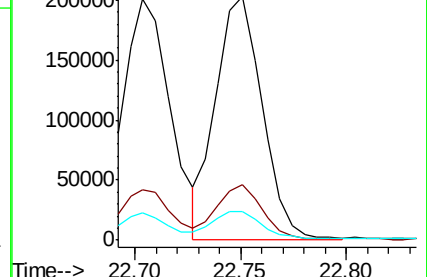
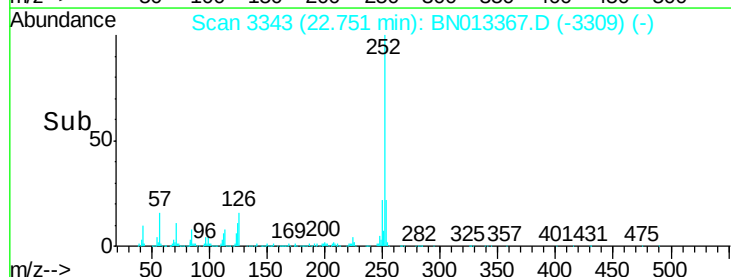
125 11.9 9.0 13.6

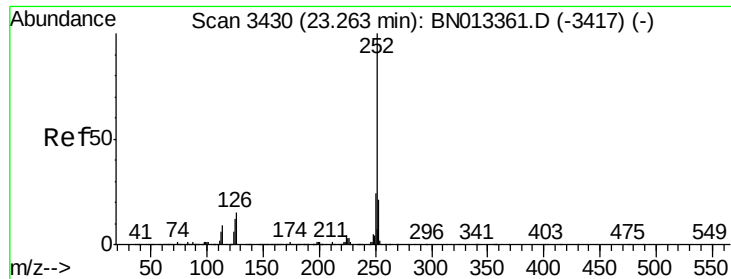


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#93

Benzo(a)pyrene

Concen: 3.605 ng/ul

RT: 23.26 min Scan# 3430

Delta R.T. -0.00 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

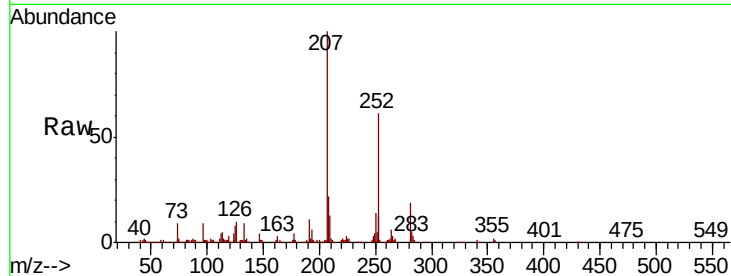
Tot Ion:252 Resp: 301529

Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

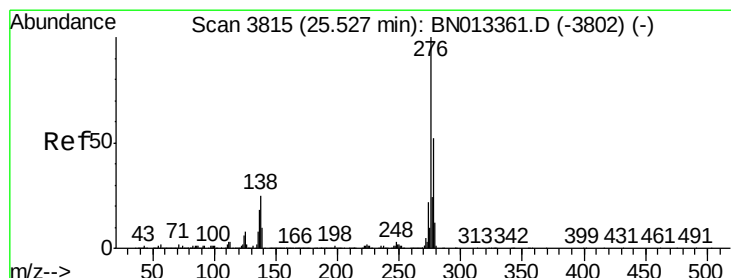
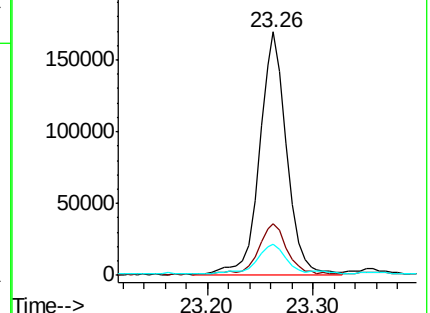
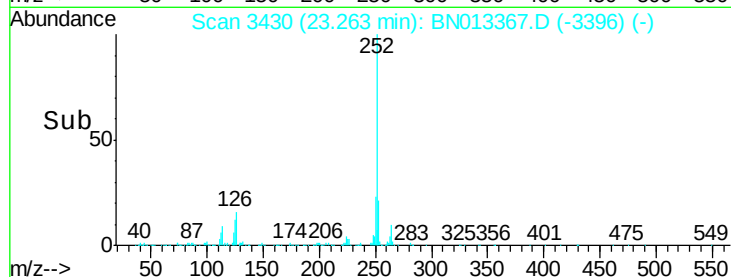
125 13.0 9.6 14.4



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: 3.367 ng/ul

RT: 25.53 min Scan# 3815

Delta R.T. -0.00 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

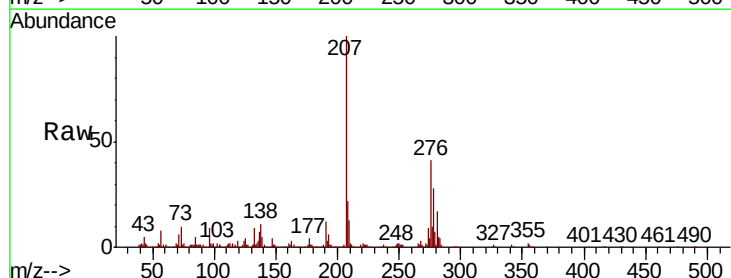
Tgt Ion:276 Resp: 352718

Ion Ratio Lower Upper

276 100

138 27.0 20.2 30.2

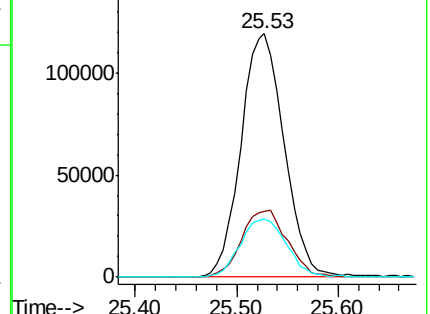
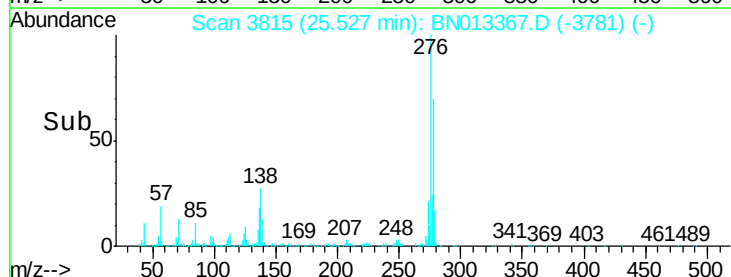
277 23.9 19.0 28.4

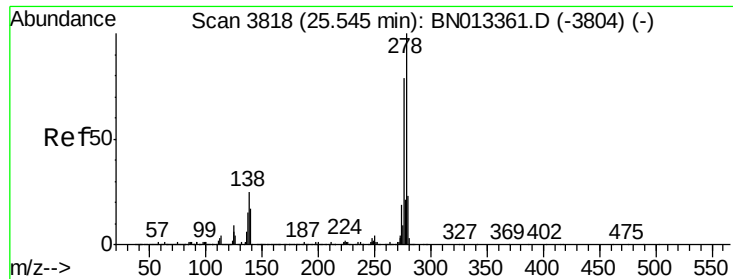


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#95

Dibenzo(a,h)anthracene

Concen: 3.471 ng/ul

RT: 25.54 min Scan# 3817

Delta R.T. -0.01 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

Instrument :

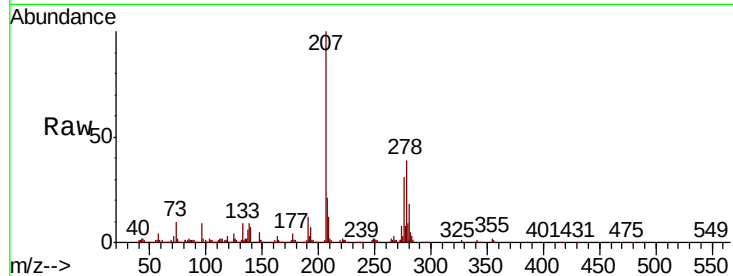
BNA_N

ClientSampleId :

MDL-SOIL-03

Tot Ion:278 Resp: 304751

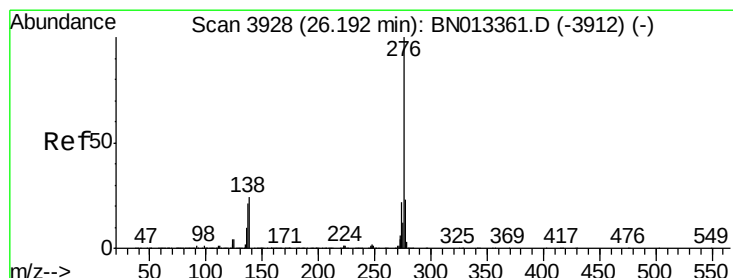
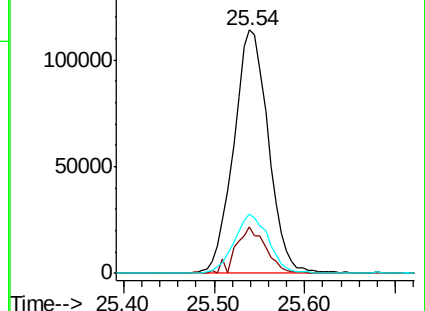
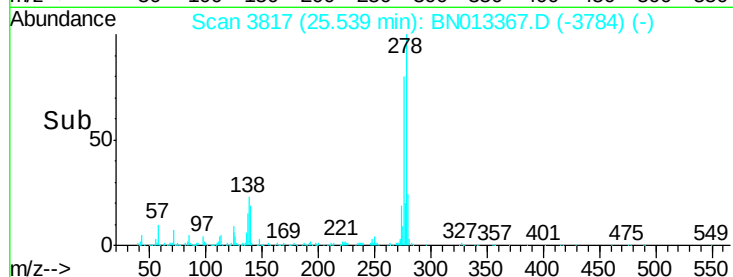
Ion	Ratio	Lower	Upper
278	100		
139	18.9	13.8	20.6
279	24.1	18.4	27.6



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: 3.370 ng/ul

RT: 26.19 min Scan# 3927

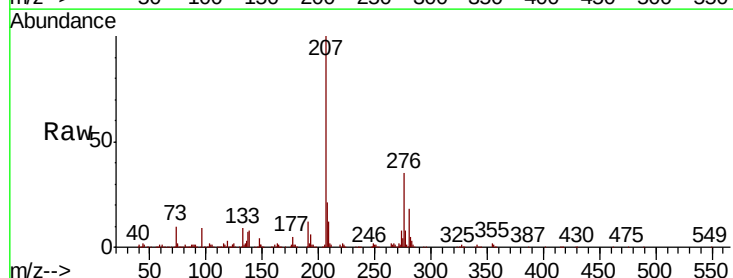
Delta R.T. -0.01 min

Lab File: BN013367.D

Acq: 08 Jan 2021 14:38

Tgt Ion:276 Resp: 299187

Ion	Ratio	Lower	Upper
276	100		
138	22.3	19.4	29.0
277	23.7	18.2	27.4



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

