

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011221\
 Data File : BN013389.D
 Acq On : 12 Jan 2021 10:37
 Operator : CG/JU
 Sample : L4485-06
 Misc : MDL-S-06
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-06

Quant Time: Jan 12 11:14:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN010521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 12 09:49:34 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	351755	20.00	ng/ul	0.00
20) Naphthalene-d8	10.36	136	1486628	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	872467	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	1745995	20.00	ng/ul	0.00
79) Chrysene-d12	21.16	240	1737712	20.00	ng/ul	0.00
88) Perylene-d12	23.34	264	1782061	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	42510	4.61	ng/uL	0.00
4) Pyridine-d5	3.58	84	515672	22.38	ng/ul	0.00
7) Phenol-d5	6.78	99	980318	33.19	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.94	67	599020	36.41	ng/ul	0.00
11) 2-Chlorophenol-d4	7.13	132	853380	33.17	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	814476	34.13	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	397590	33.58	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	406821	33.33	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.98	165	762862	31.63	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	1117252	33.86	ng/ul	0.00
46) Dimethylphthalate-d6	13.65	166	2242862	33.24	ng/ul	0.00
49) Acenaphthylene-d8	13.92	160	2966506	35.63	ng/ul	0.00
54) 4-Nitrophenol-d4	14.42	143	371150	30.11	ng/ul	0.00
60) Fluorene-d10	15.22	176	1960296	33.58	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	266558	31.02	ng/ul	0.00
73) Anthracene-d10	17.07	188	2945515	34.73	ng/ul	0.00
81) Pyrene-d10	19.36	212	3160239	33.76	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.20	264	3166991	34.03	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.23	88	5752	0.627	ng/uL	97
5) Pyridine	3.60	79	62933	2.714	ng/ul#	62
6) Benzaldehyde	6.75	77	45319	4.086	ng/ul	94
8) Phenol	6.80	94	73980	2.476	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.03	93	64737	2.734	ng/ul	96
12) 2-Chlorophenol	7.16	128	62624	2.388	ng/ul	98
13) 2-Methylphenol	8.03	108	49190	2.137	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.12	45	88899	2.679	ng/ul	99
16) Acetophenone	8.40	105	85887	2.452	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.40	70	35538	2.045	ng/ul	91
18) 4-Methylphenol	8.36	108	58777	2.378	ng/ul	98
19) Hexachloroethane	8.66	117	25148	2.444	ng/ul	96
22) Nitrobenzene	8.78	77	67433	2.541	ng/ul	99
23) Isophorone	9.30	82	92485	1.843	ng/ul	96
25) 2-Nitrophenol	9.48	139	33095	2.435	ng/ul	99
26) 2,4-Dimethylphenol	9.55	107	61657	2.247	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.79	93	76887	2.368	ng/ul	93
29) 2,4-Dichlorophenol	10.00	162	57608	2.426	ng/ul#	88
30) Naphthalene	10.40	128	211744	2.538	ng/ul	99
32) 4-Chloroaniline	10.52	127	83253	2.651	ng/ul	99
33) Hexachlorobutadiene	10.70	225	37575	2.532	ng/ul	96
34) Caprolactam	11.30	113	10017	1.368	ng/ul	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.65	107	45181	1.777	ng/ul	99
36) 2-Methylnaphthalene	12.02	142	141009	2.458	ng/ul	97
37) 1-Methylnaphthalene	12.25	142	134655	2.436	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	69788	2.658	ng/ul	96
40) Hexachlorocyclopentadiene	12.39	237	34985	2.557	ng/ul	96
41) 2,4,6-Trichlorophenol	12.64	196	30548	1.764	ng/ul	96
42) 2,4,5-Trichlorophenol	12.71	196	34357	1.865	ng/ul	97
43) 1,1'-Biphenyl	13.05	154	183197	2.607	ng/ul	100
44) 2-Chloronaphthalene	13.09	162	144968	2.619	ng/ul	96
45) 2-Nitroaniline	13.29	65	21954	1.557	ng/ul	97
47) Dimethylphthalate	13.69	163	164529	2.376	ng/ul	100
48) 2,6-Dinitrotoluene	13.80	165	21994	1.675	ng/ul#	86
50) Acenaphthylene	13.94	152	212090	2.520	ng/ul	97
51) 3-Nitroaniline	14.13	138	22691	1.873	ng/ul	93
52) Acenaphthene	14.29	153	151479	2.552	ng/ul	98
53) 2,4-Dinitrophenol	14.33	184	6898	1.172	ng/ul	95
55) 4-Nitrophenol	14.43	109	21194	2.284	ng/ul#	84
56) Dibenzofuran	14.62	168	209885	2.582	ng/ul	97
57) 2,4-Dinitrotoluene	14.59	165	35561	1.901	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.85	232	27030	1.737	ng/ul#	97
59) Diethylphthalate	15.06	149	144427	2.052	ng/ul	98
61) Fluorene	15.27	166	172845	2.625	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.27	204	84808	2.672	ng/ul	98
63) 4-Nitroaniline	15.29	138	23755	2.088	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.35	198	22982	2.403	ng/ul#	84
67) N-Nitrosodiphenylamine	15.49	169	132083	2.401	ng/ul	99
68) 4-Bromophenyl-phenylether	16.17	248	46528	2.421	ng/ul	99
69) Hexachlorobenzene	16.27	284	54358	2.495	ng/ul	99
70) Atrazine	16.45	200	34202	1.820	ng/ul	97
71) Pentachlorophenol	16.62	266	18045	1.485	ng/ul	92
72) Phenanthrene	17.01	178	268933	2.655	ng/ul	100
74) Anthracene	17.10	178	271008	2.621	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.01	216	68157	2.693	ng/uL	96
76) Pentachlorobenzene	14.55	250	66439	2.631	ng/uL	97
77) Carbazole	17.37	167	197698	2.356	ng/ul	97
78) Di-n-butylphthalate	17.96	149	182123	1.592	ng/ul	99
80) Fluoranthene	19.03	202	283988	2.372	ng/ul	98
82) Pyrene	19.39	202	314437	2.561	ng/ul	99
83) Butylbenzylphthalate	20.32	149	71134	1.348	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.09	252	56984	1.734	ng/ul	99
85) Benzo(a)anthracene	21.15	228	278716	2.430	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.11	149	104709	1.340	ng/ul	97
87) Chrysene	21.20	228	291734	2.597	ng/ul	100
89) Di-n-octyl phthalate	21.97	149	164375	1.483	ng/ul	100
90) Benzo(b)fluoranthene	22.69	252	291392	2.564	ng/ul	99
91) Benzo(k)fluoranthene	22.73	252	281389	2.600	ng/ul	99
93) Benzo(a)pyrene	23.24	252	279335	2.711	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.50	276	321239	2.490	ng/ul	95
95) Dibenzo(a,h)anthracene	25.52	278	271678	2.512	ng/ul	96
96) Benzo(g,h,i)perylene	26.15	276	262995	2.405	ng/ul	98

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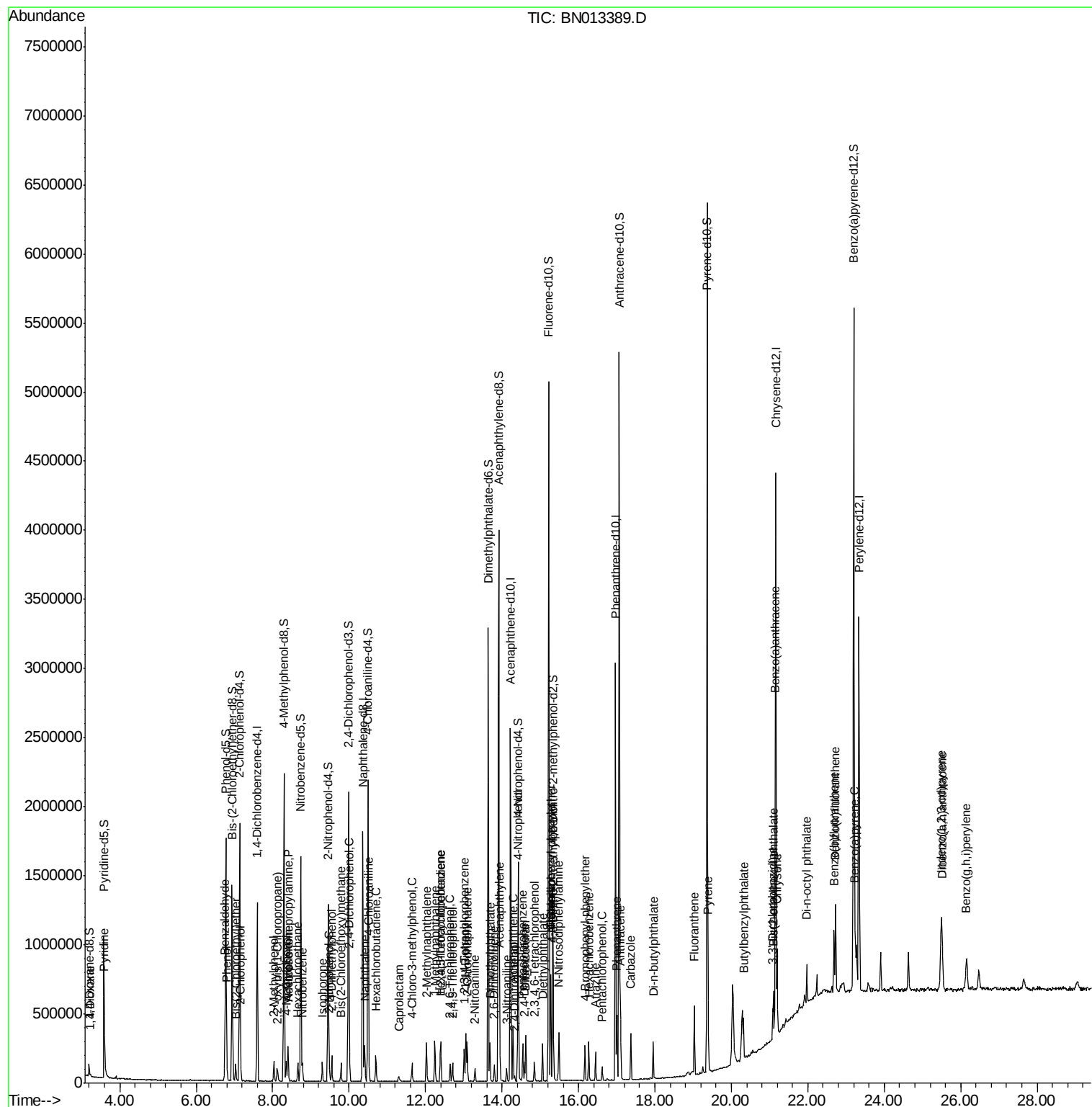
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

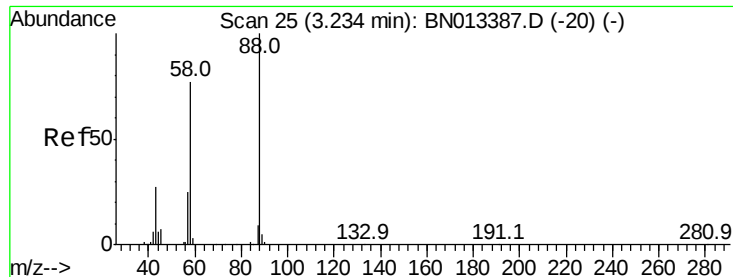
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.627 ng/uL

RT: 3.23 min Scan# 25

Delta R.T. -0.00 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-06

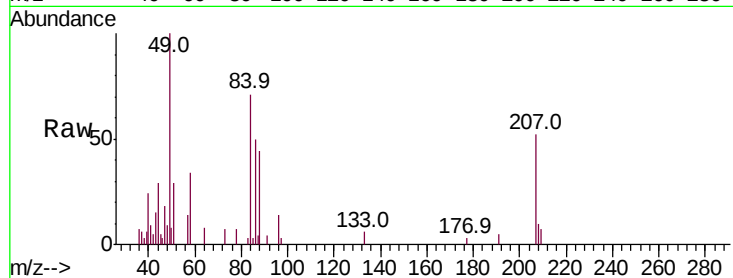
Tot Ion: 88 Resp: 5752

Ion Ratio Lower Upper

88 100

43 33.2 23.6 35.4

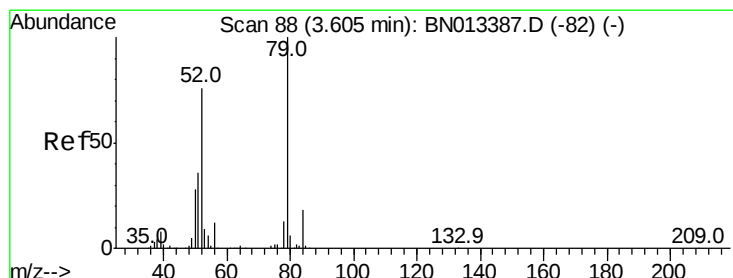
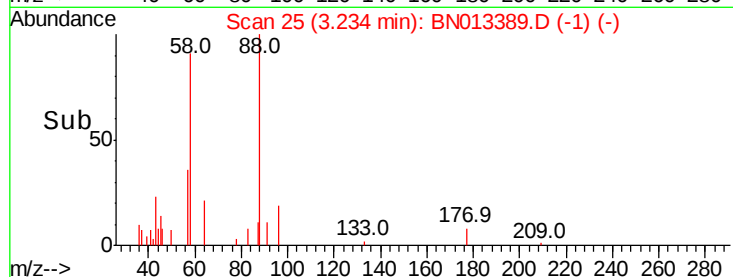
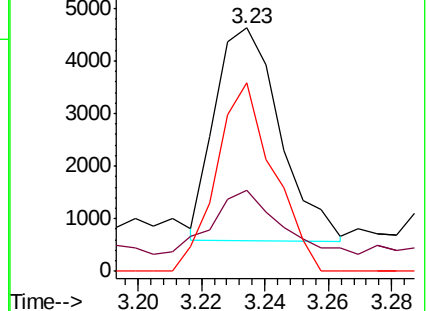
58 77.3 60.6 90.8



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: 2.714 ng/uL

RT: 3.60 min Scan# 88

Delta R.T. -0.00 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

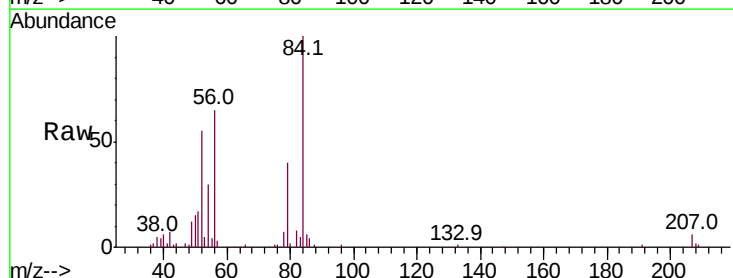
Tgt Ion: 79 Resp: 62933

Ion Ratio Lower Upper

79 100

52 135.4 69.4 104.2#

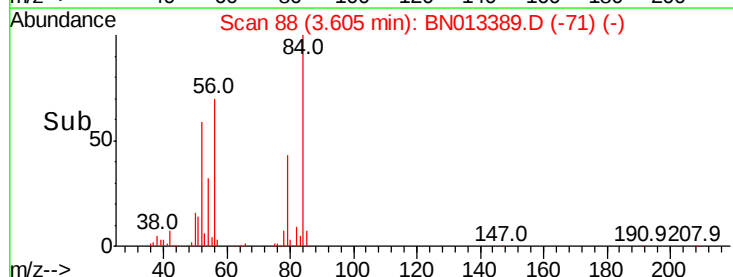
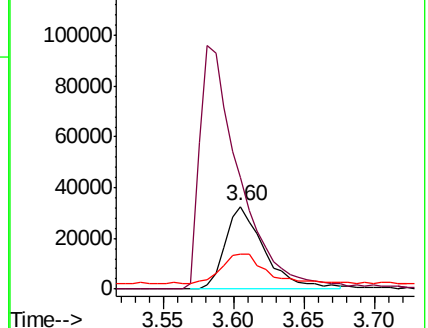
51 42.3 31.6 47.4

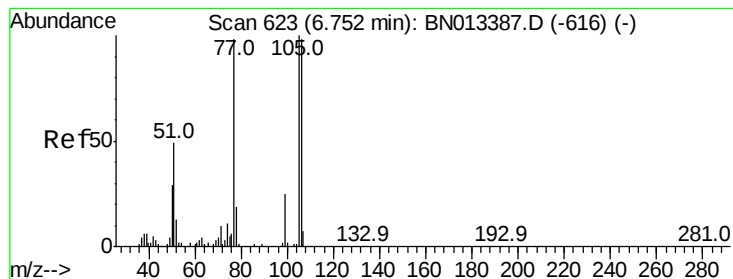


Abundance Ion 79.00 (78.70 to 79.70): BN0

Ion 52.00 (51.70 to 52.70): BN0

Ion 51.00 (50.70 to 51.70): BN0





#6

Benzaldehyde

Concen: 4.086 ng/ul

RT: 6.75 min Scan# 623

Delta R.T. -0.00 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

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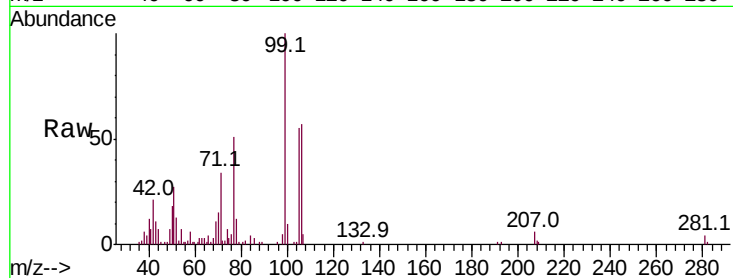
Tot Ion: 77 Resp: 45319

Ion Ratio Lower Upper

77 100

105 108.4 85.5 128.3

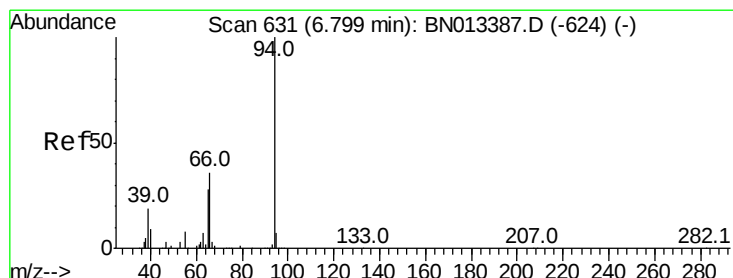
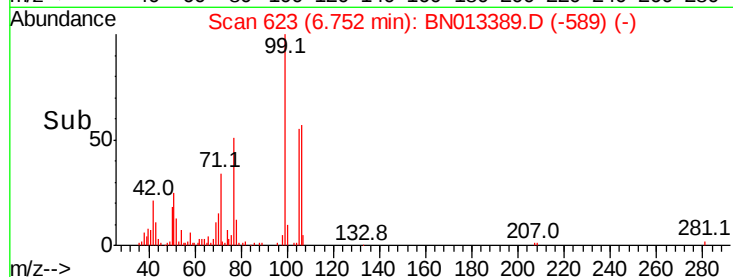
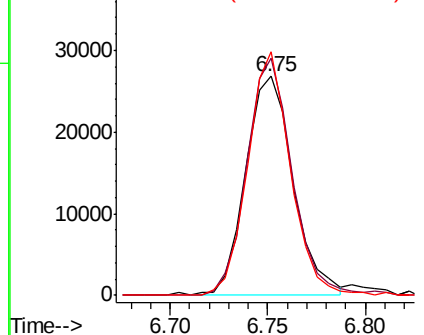
106 111.3 79.6 119.4



Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 105.00 (104.70 to 105.70): BN0

Ion 106.00 (105.70 to 106.70): BN0



#8

Phenol

Concen: 2.476 ng/ul

RT: 6.80 min Scan# 631

Delta R.T. -0.00 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

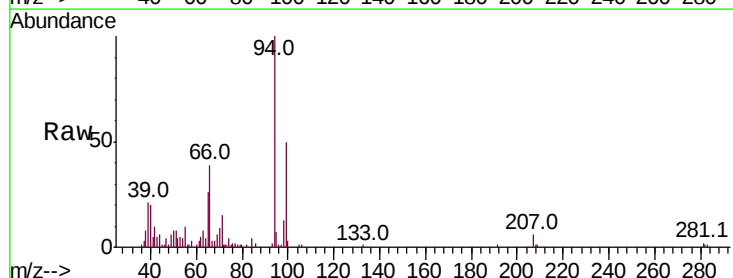
Tgt Ion: 94 Resp: 73980

Ion Ratio Lower Upper

94 100

65 26.1 21.8 32.8

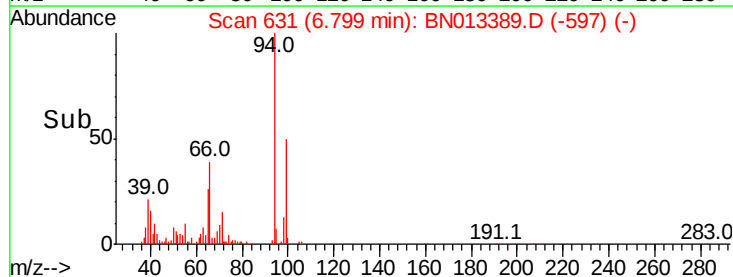
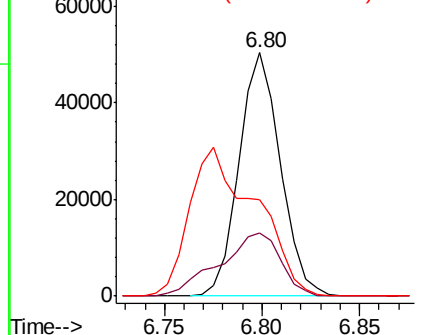
66 39.5 29.8 44.6

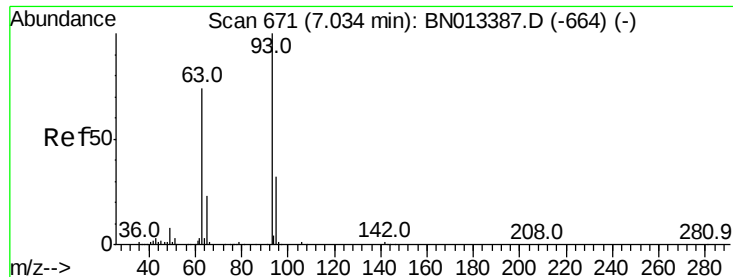


Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0

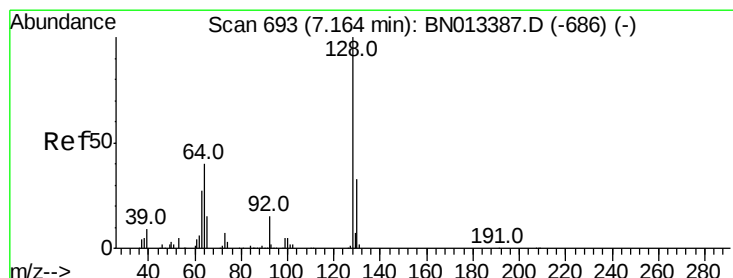
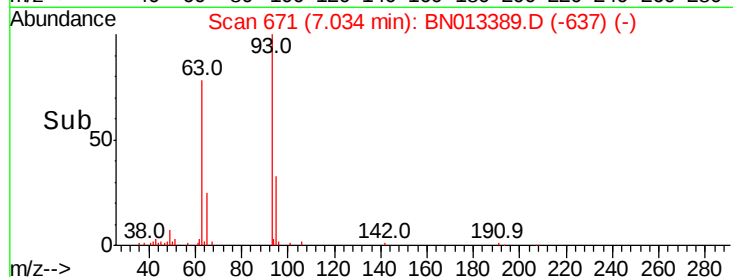
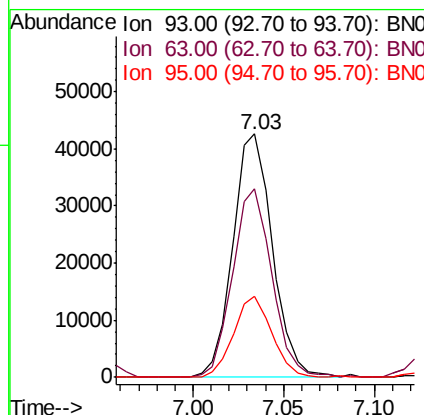
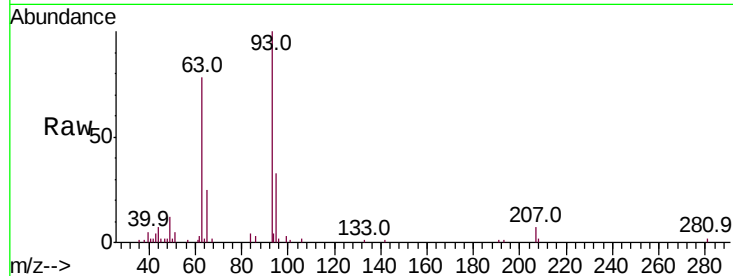




#10
 Bis(2-Chloroethyl)ether
 Concen: 2.734 ng/ul
 RT: 7.03 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BN013389.D
 Acq: 12 Jan 2021 10:37

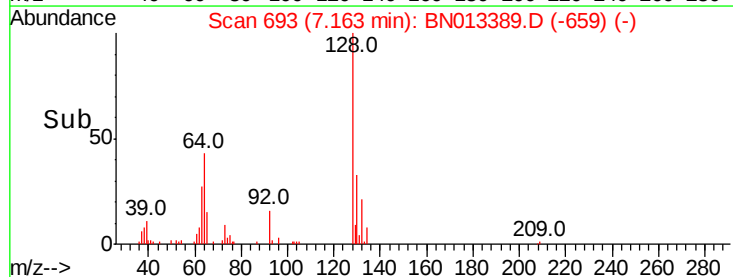
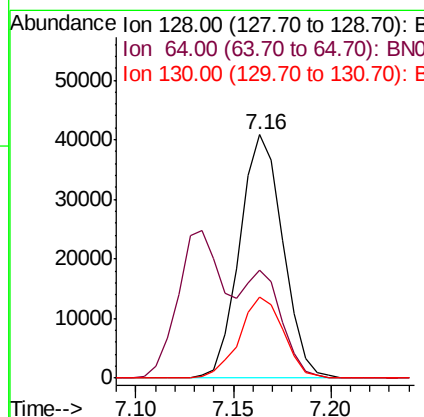
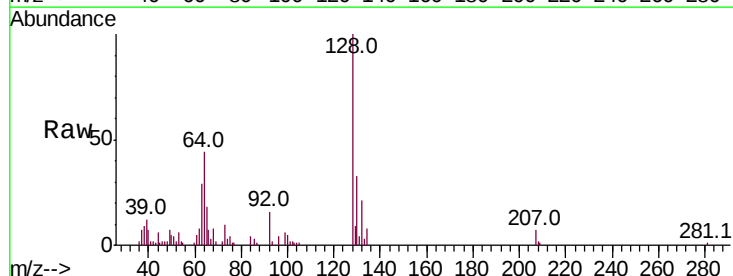
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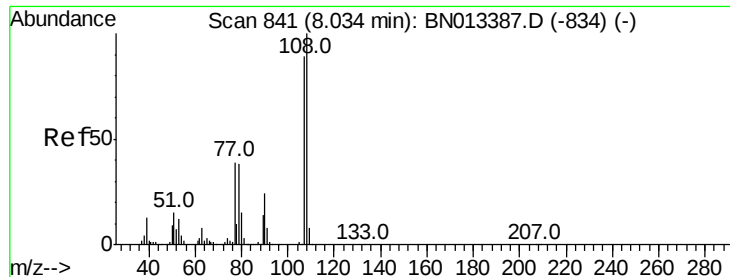
Tot Ion	Ratio	Lower	Upper
93	100		
63	77.6	58.8	88.2
95	33.1	25.8	38.8



#12
 2-Chlorophenol
 Concen: 2.388 ng/ul
 RT: 7.16 min Scan# 693
 Delta R.T. -0.00 min
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Tgt Ion	Ratio	Lower	Upper
128	100		
64	44.1	34.6	51.8
130	33.3	25.8	38.6

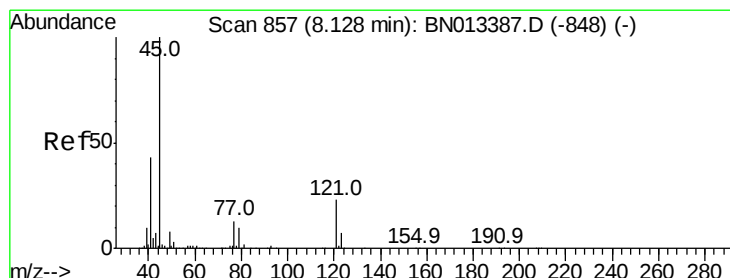
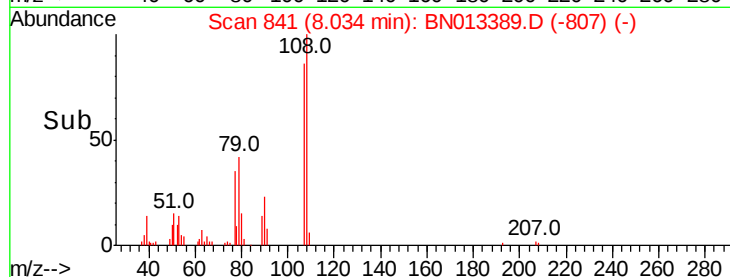
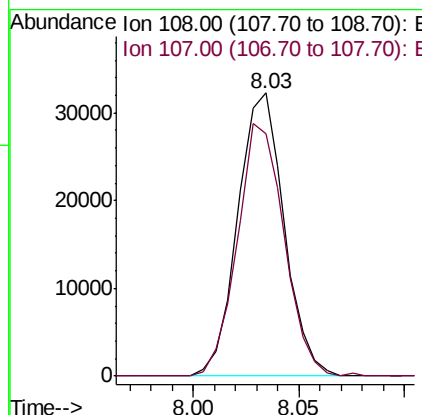
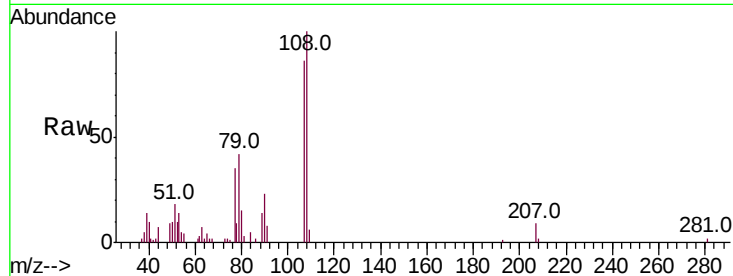




#13
2-Methylphenol
Concen: 2.137 ng/ul
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BN013389.D
Acq: 12 Jan 2021 10:37

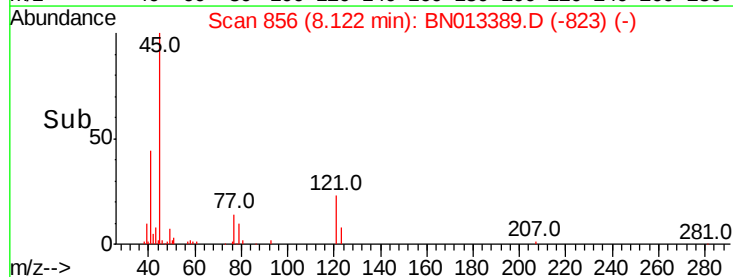
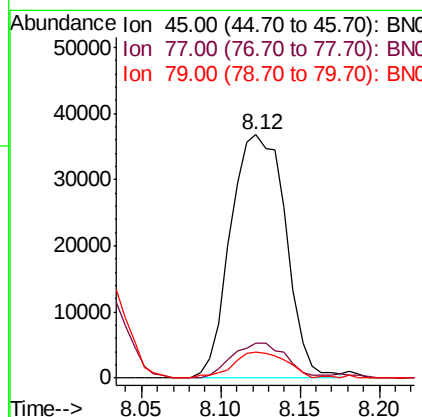
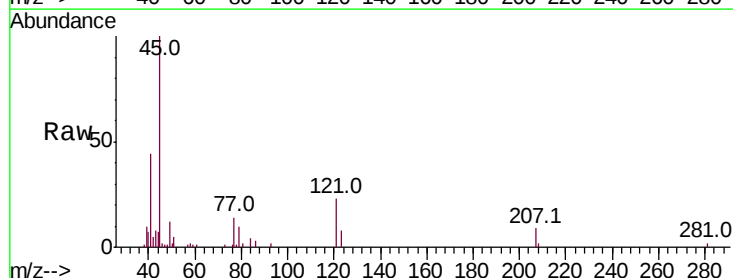
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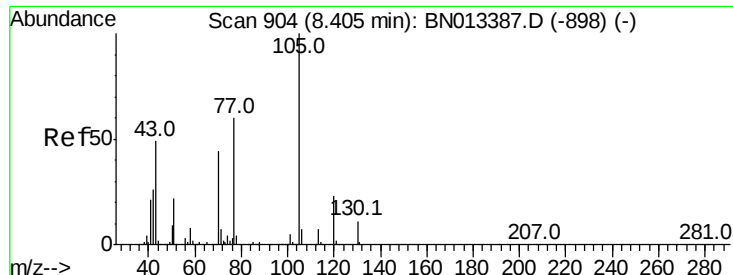
Tot Ion:108 Resp: 49190
Ion Ratio Lower Upper
108 100
107 85.8 69.7 104.5



#14
2,2'-oxybis(1-Chloropropane)
Concen: 2.679 ng/ul
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BN013389.D
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Tgt Ion: 45 Resp: 88899
Ion Ratio Lower Upper
45 100
77 14.1 11.0 16.6
79 10.5 8.5 12.7





#16

Acetophenone

Concen: 2.452 ng/ul

RT: 8.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-06

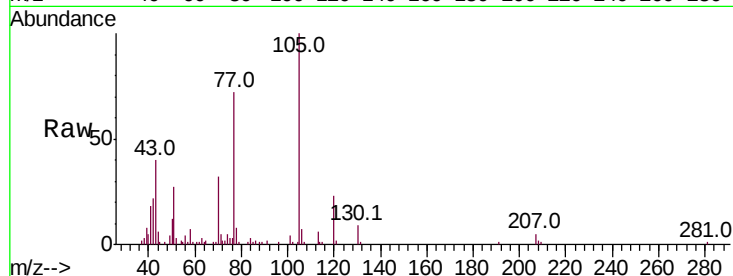
Tot Ion:105 Resp: 85887

Ion Ratio Lower Upper

105 100

77 72.0 58.7 88.1

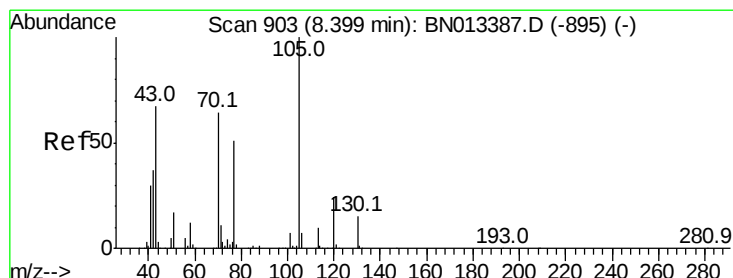
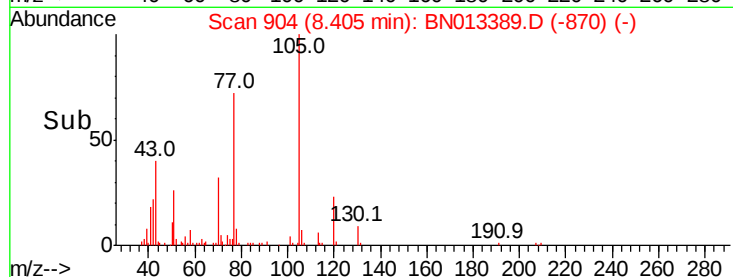
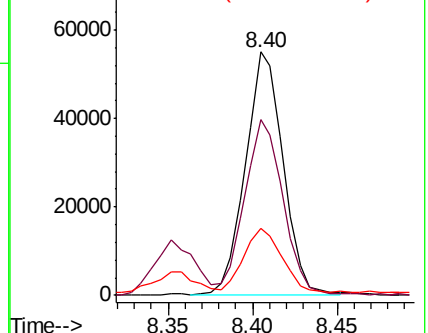
51 27.3 21.4 32.2



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: 2.045 ng/ul

RT: 8.40 min Scan# 903

Delta R.T. -0.00 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

Tgt Ion: 70 Resp: 35538

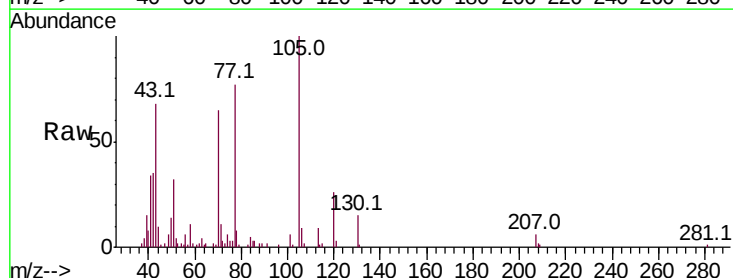
Ion Ratio Lower Upper

70 100

42 53.6 50.3 75.5

101 9.8 8.5 12.7

130 23.2 19.9 29.9

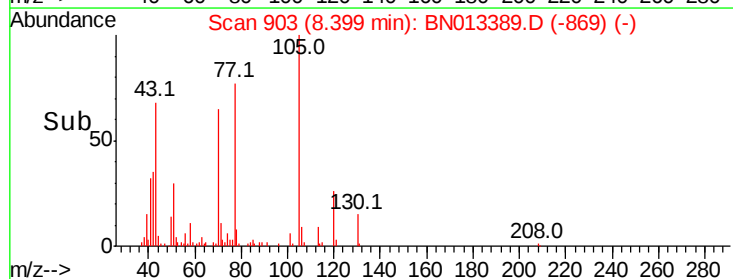
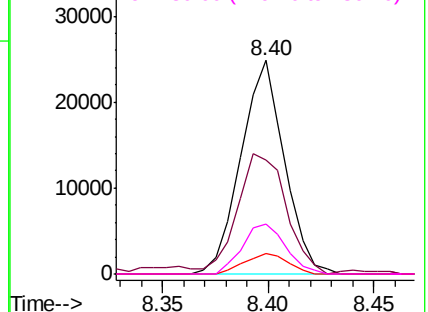


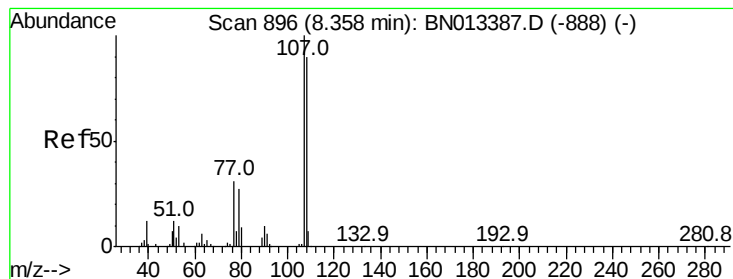
Abundance Ion 70.00 (69.70 to 70.70): BNC

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: 2.378 ng/ul

RT: 8.36 min Scan# 896

Delta R.T. -0.00 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

Instrument :

BNA_N

ClientSampleId :

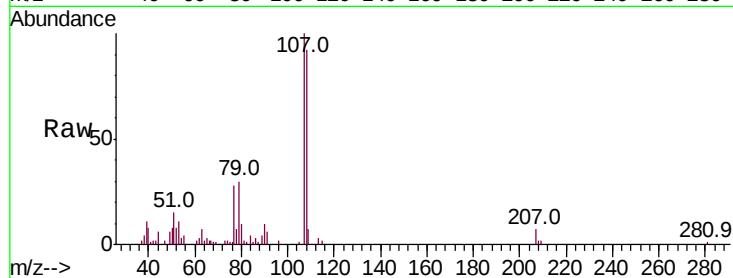
MDL-SOIL-06

Tot Ion:108 Resp: 58777

Ion Ratio Lower Upper

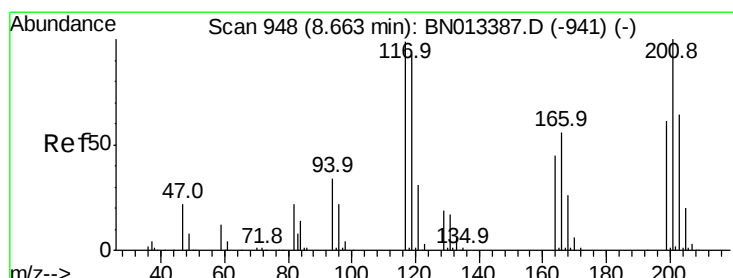
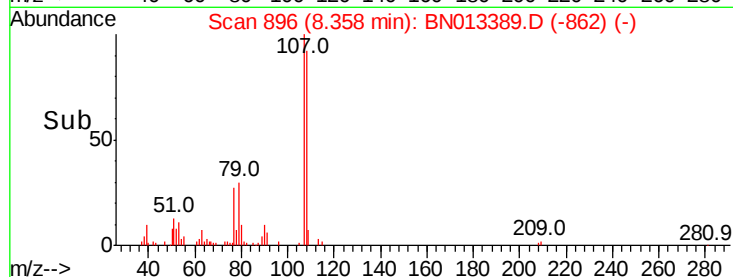
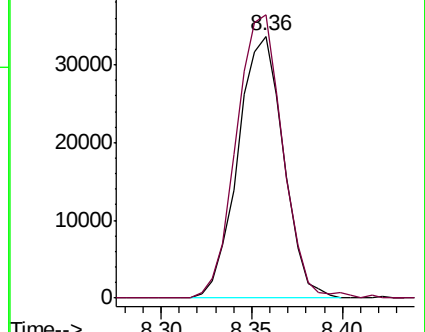
108 100

107 108.2 87.9 131.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#19

Hexachloroethane

Concen: 2.444 ng/ul

RT: 8.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

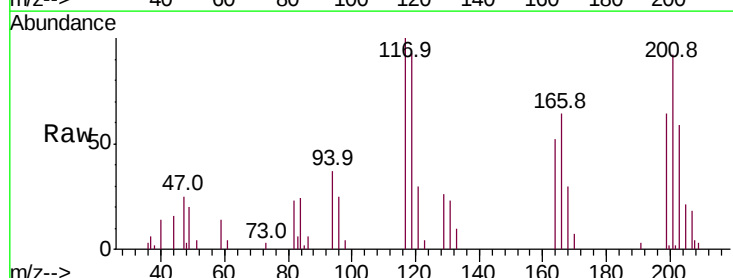
Tgt Ion:117 Resp: 25148

Ion Ratio Lower Upper

117 100

201 94.2 73.8 110.6

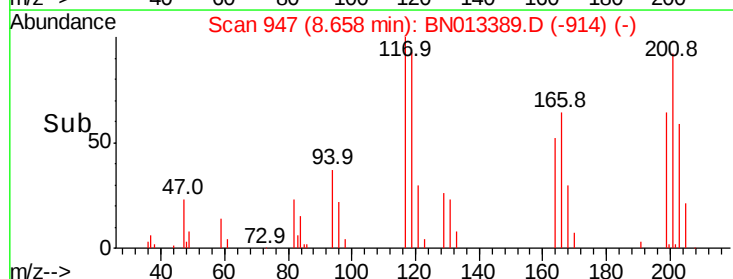
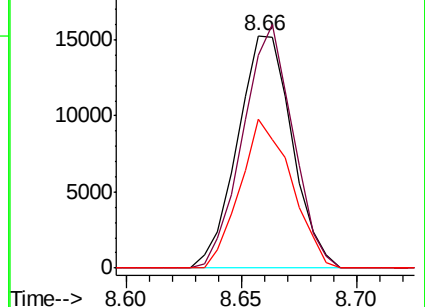
199 63.9 47.1 70.7

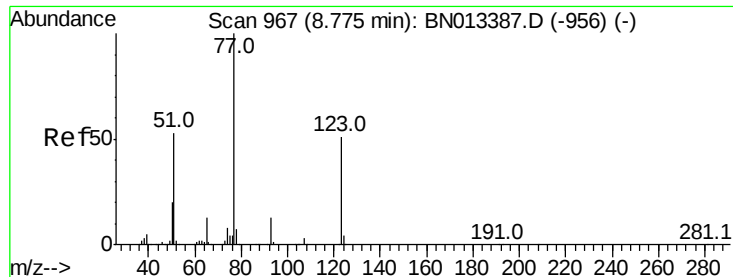


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#22

Nitrobenzene

Concen: 2.541 ng/ul

RT: 8.78 min Scan# 967

Delta R.T. -0.00 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-06

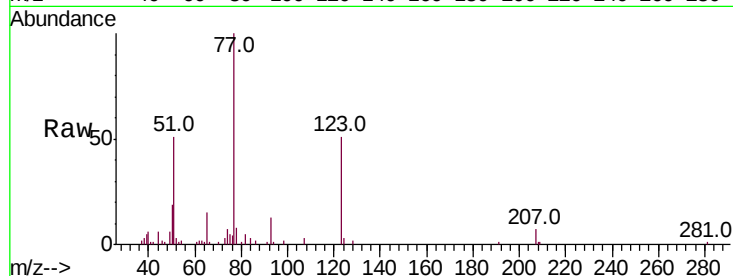
Tot Ion: 77 Resp: 67433

Ion Ratio Lower Upper

77 100

123 50.7 40.2 60.4

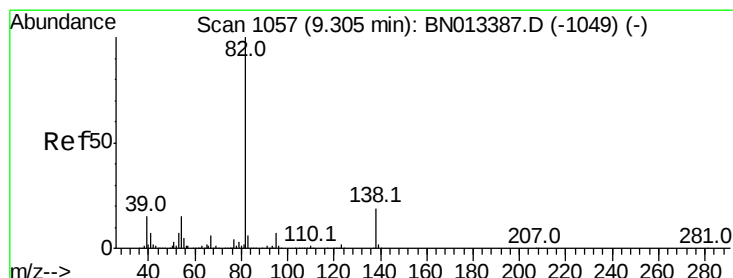
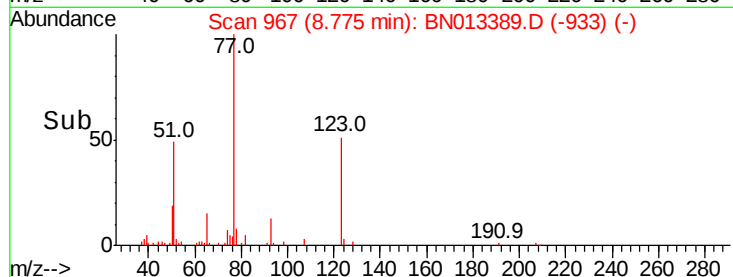
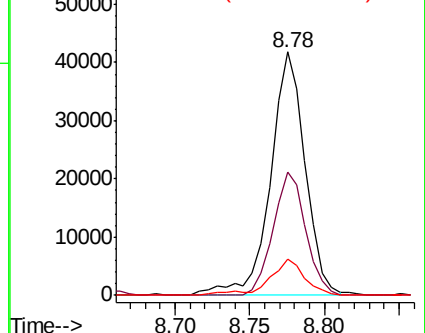
65 14.8 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BN013387.D (-956) (-)

Ion 123.00 (122.70 to 123.70): BN013387.D (-956) (-)

Ion 65.00 (64.70 to 65.70): BN013387.D (-956) (-)



#23

Isophorone

Concen: 1.843 ng/ul

RT: 9.30 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

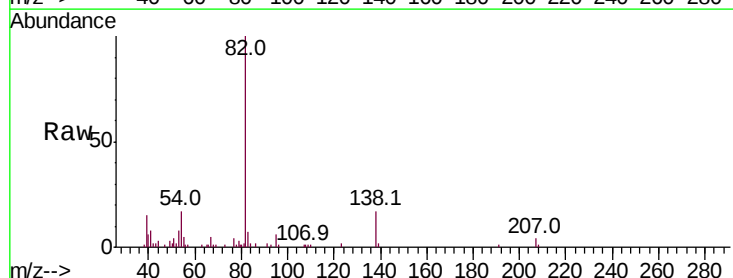
Tgt Ion: 82 Resp: 92485

Ion Ratio Lower Upper

82 100

95 6.2 6.1 9.1

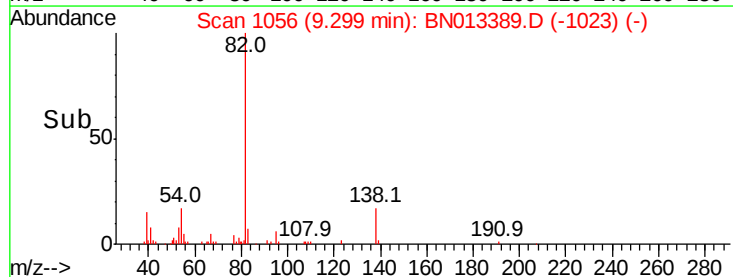
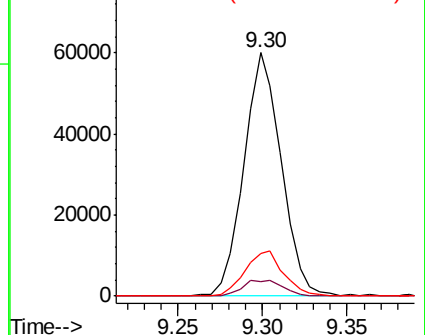
138 17.4 15.6 23.4

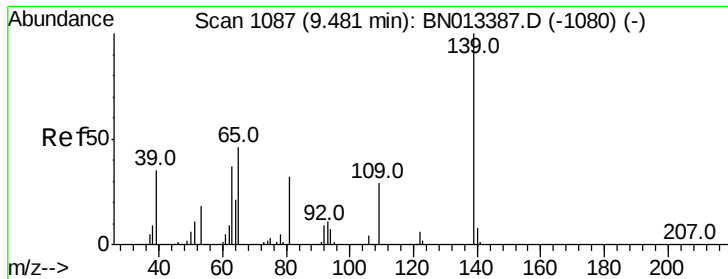


Abundance Ion 82.00 (81.70 to 82.70): BN013387.D (-1049) (-)

Ion 95.00 (94.70 to 95.70): BN013387.D (-1049) (-)

Ion 138.00 (137.70 to 138.70): BN013387.D (-1049) (-)

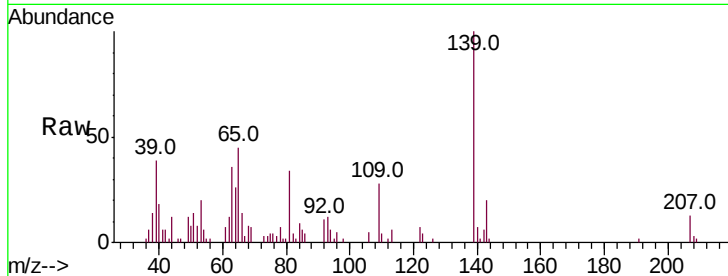




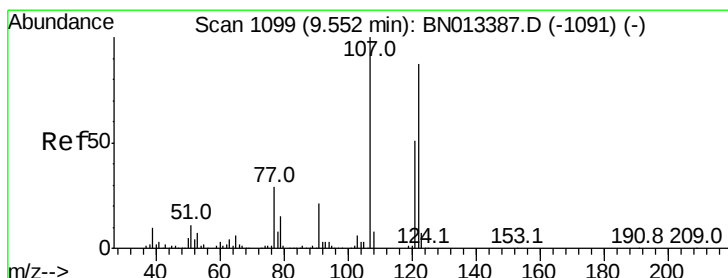
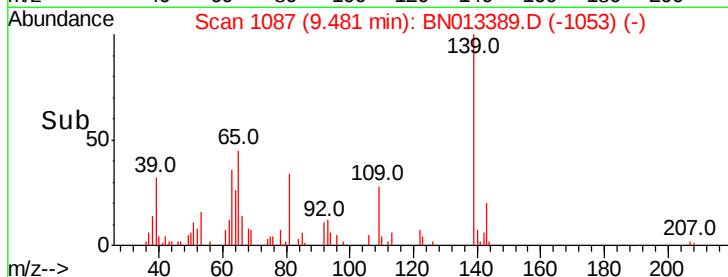
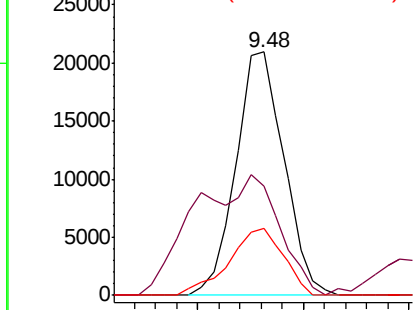
#25
2-Nitrophenol
Concen: 2.435 ng/ul
RT: 9.48 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BN013389.D
Acq: 12 Jan 2021 10:37

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-06

Tot Ion:139 Resp: 33095
Ion Ratio Lower Upper
139 100
65 45.0 35.9 53.9
109 27.5 23.0 34.4

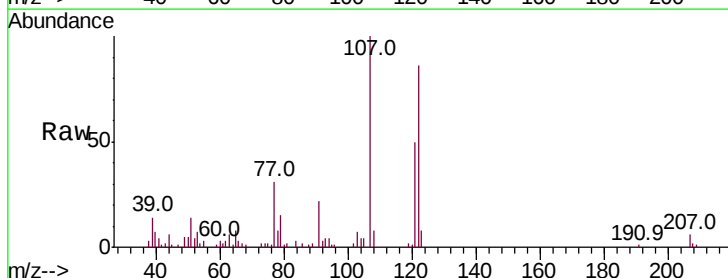


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): B
Ion 109.00 (108.70 to 109.70): E

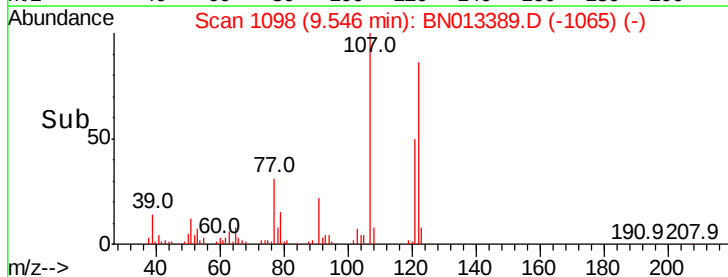
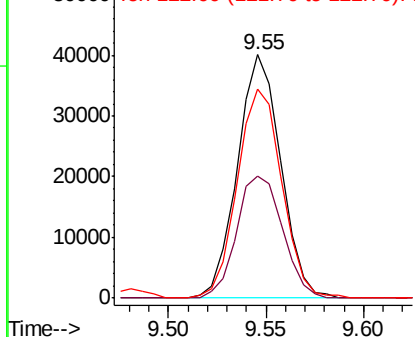


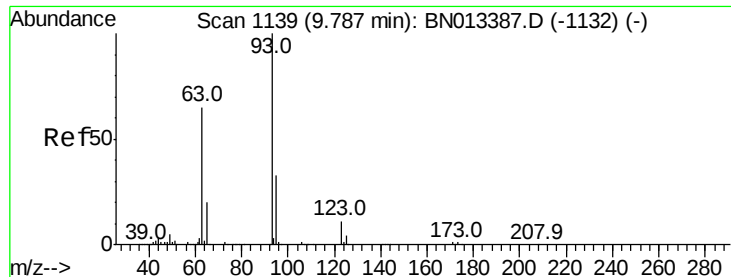
#26
2,4-Dimethylphenol
Concen: 2.247 ng/ul
RT: 9.55 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BN013389.D
Acq: 12 Jan 2021 10:37

Tgt Ion:107 Resp: 61657
Ion Ratio Lower Upper
107 100
121 50.4 42.2 63.2
122 86.0 71.3 106.9



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





#27

Bis(2-Chloroethoxy)methane

Concen: 2.368 ng/ul

RT: 9.79 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-06

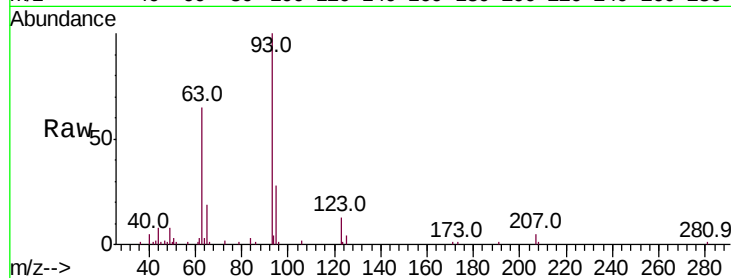
Tot Ion: 93 Resp: 76887

Ion Ratio Lower Upper

93 100

95 28.3 26.8 40.2

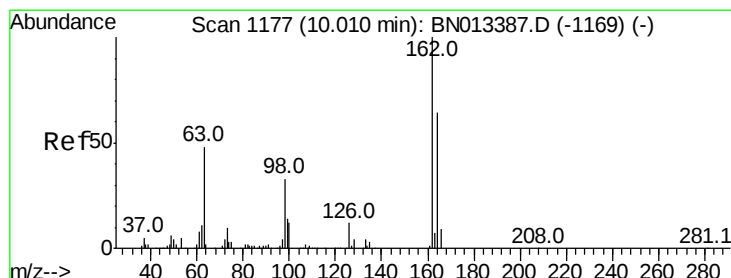
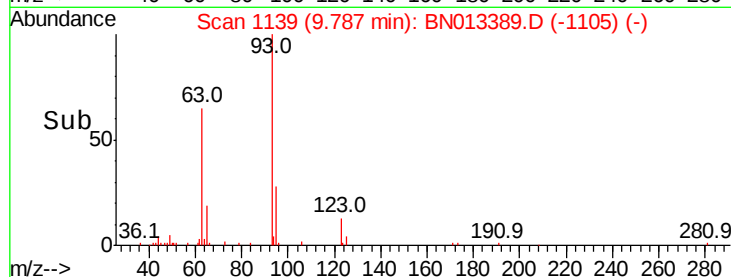
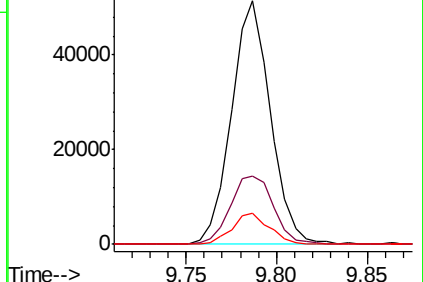
123 12.6 9.9 14.9



Abundance Ion 93.00 (92.70 to 93.70): BN013387.D (-1132) (-)

Ion 95.00 (94.70 to 95.70): BN013389.D (-1105) (-)

Ion 123.00 (122.70 to 123.70): BN013389.D (-1105) (-)



#29

2,4-Dichlorophenol

Concen: 2.426 ng/ul

RT: 10.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

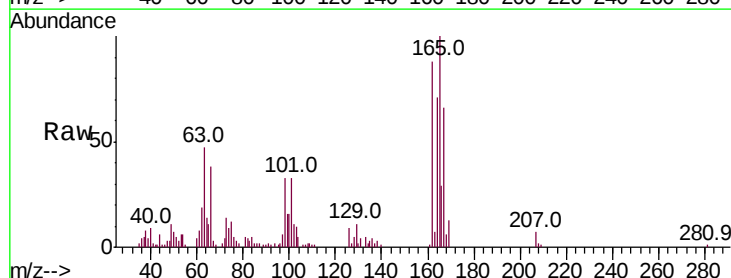
Tgt Ion: 162 Resp: 57608

Ion Ratio Lower Upper

162 100

164 80.9 53.3 79.9#

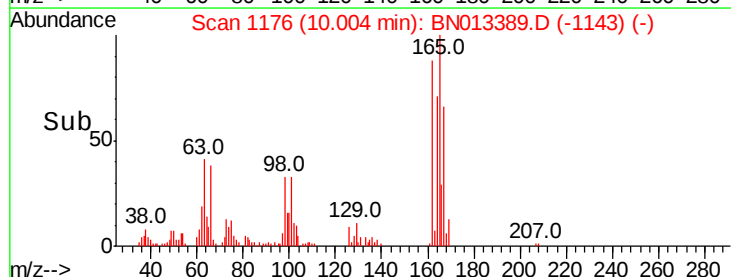
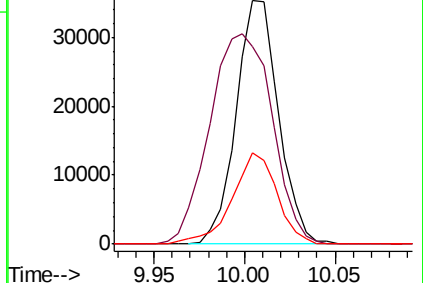
98 37.5 29.0 43.6

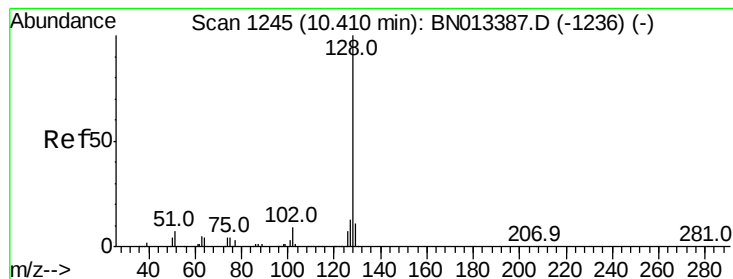


Abundance Ion 162.00 (161.70 to 162.70): BN013387.D (-1169) (-)

Ion 164.00 (163.70 to 164.70): BN013389.D (-1143) (-)

Ion 98.00 (97.70 to 98.70): BN013389.D (-1143) (-)





#30

Naphthalene

Concen: 2.538 ng/ul

RT: 10.40 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-06

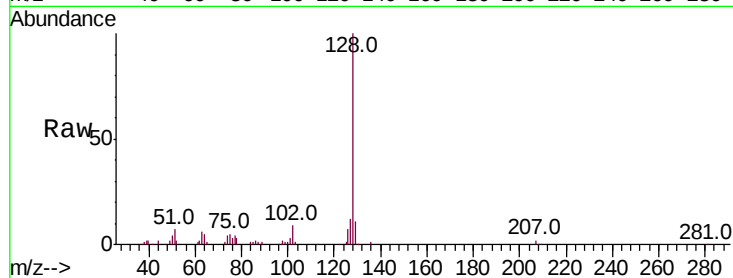
Tot Ion:128 Resp: 211744

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	12.3	10.2	15.4

128 100

129 11.5 8.8 13.2

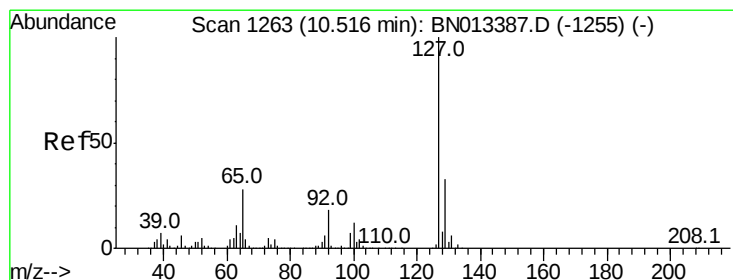
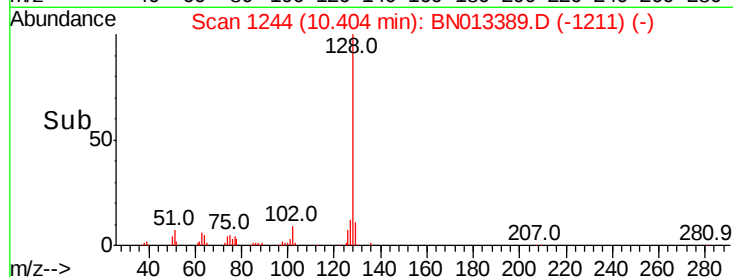
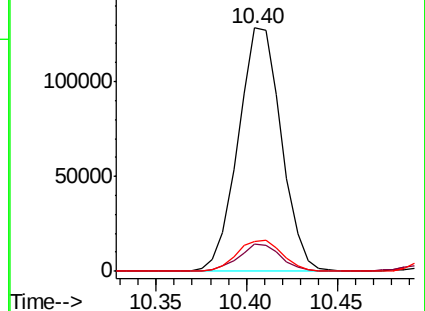
127 12.3 10.2 15.4



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: 2.651 ng/ul

RT: 10.52 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BN013389.D

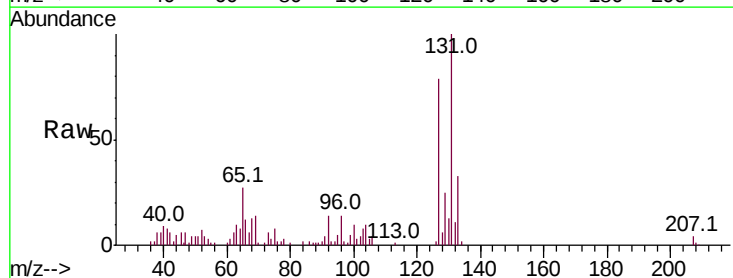
Acq: 12 Jan 2021 10:37

Tgt Ion:127 Resp: 83253

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.4	38.0

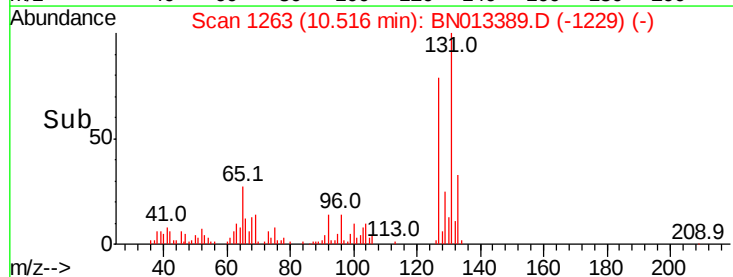
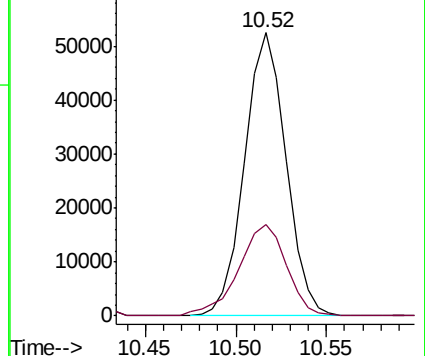
127 100

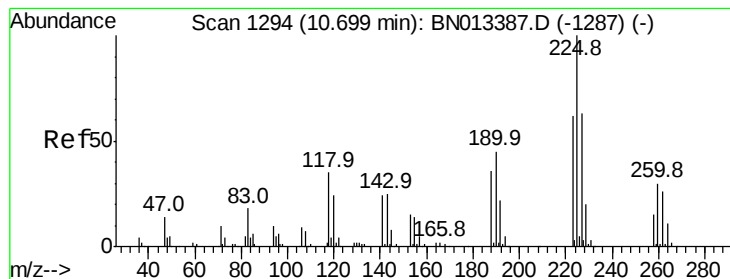
129 32.4 25.4 38.0



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#33

Hexachlorobutadiene

Concen: 2.532 ng/ul

RT: 10.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-06

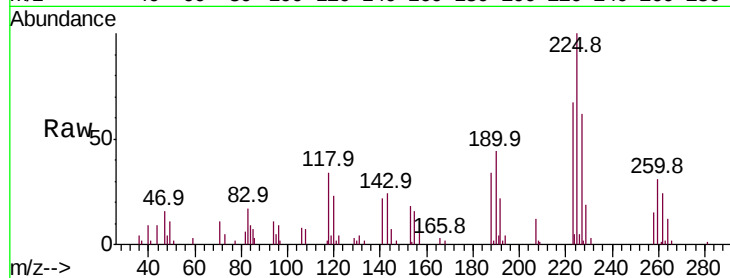
Tot Ion:225 Resp: 37575

Ion Ratio Lower Upper

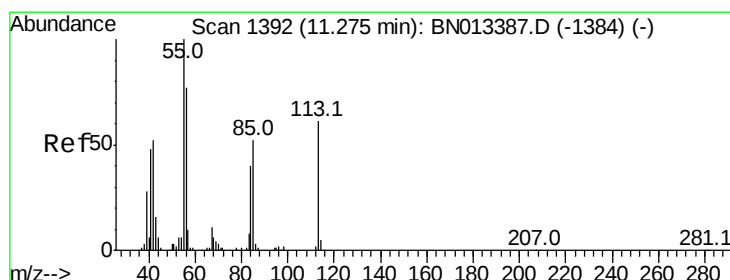
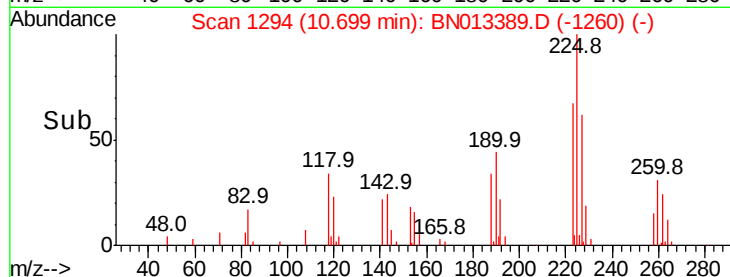
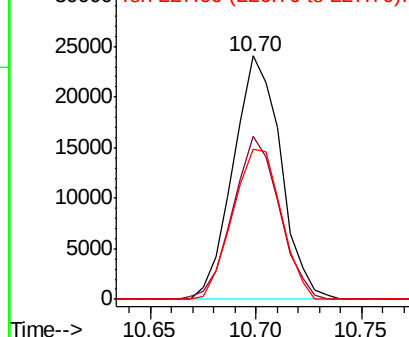
225 100

223 66.8 48.7 73.1

227 61.8 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: 1.368 ng/ul

RT: 11.30 min Scan# 1396

Delta R.T. 0.02 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

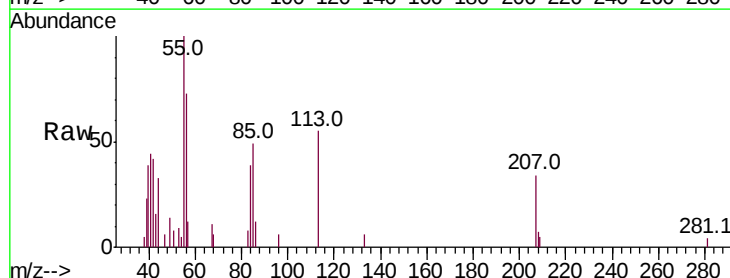
Tgt Ion:113 Resp: 10017

Ion Ratio Lower Upper

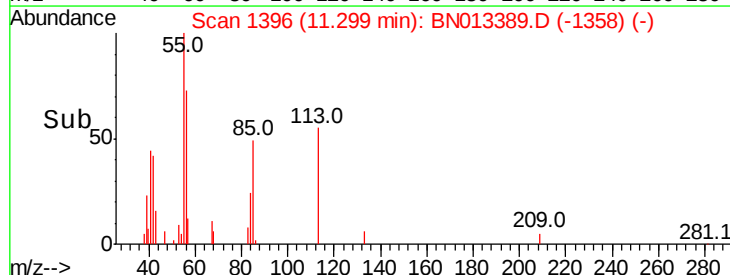
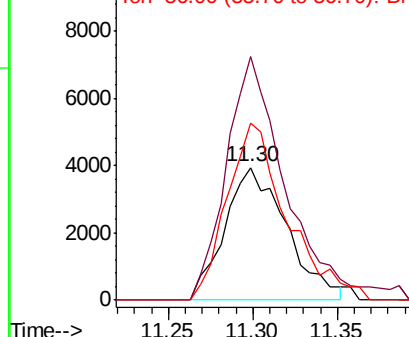
113 100

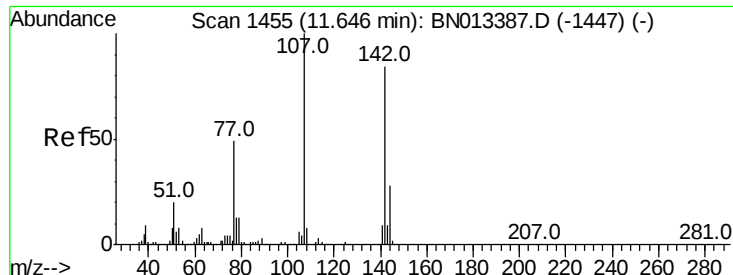
55 183.2 130.5 195.7

56 133.2 101.0 151.6



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

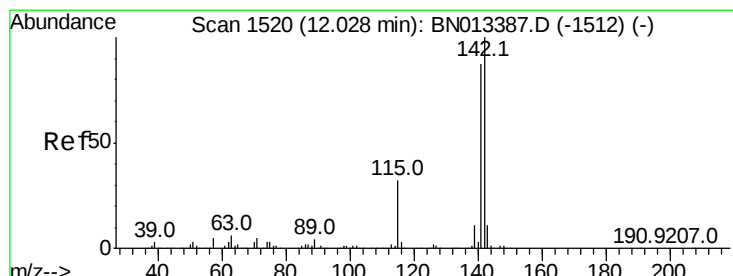
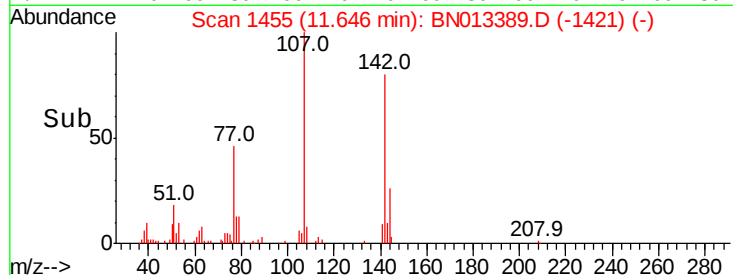
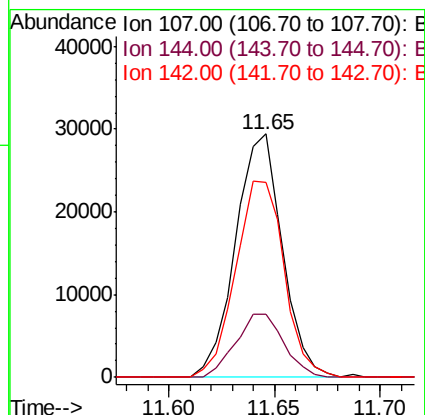
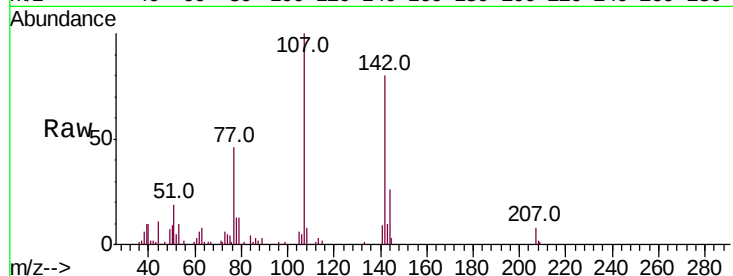




#35
 4-Chloro-3-methylphenol
 Concen: 1.777 ng/ul
 RT: 11.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BN013389.D
 Acq: 12 Jan 2021 10:37

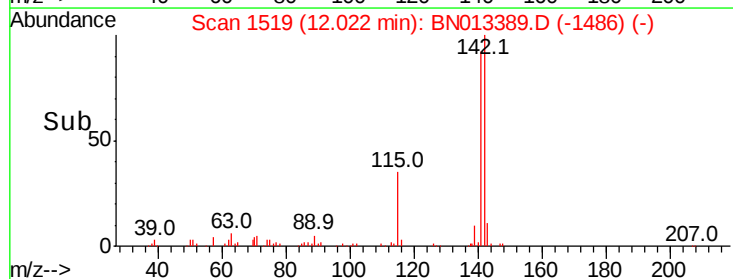
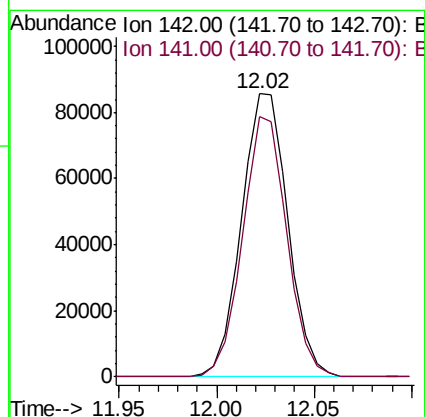
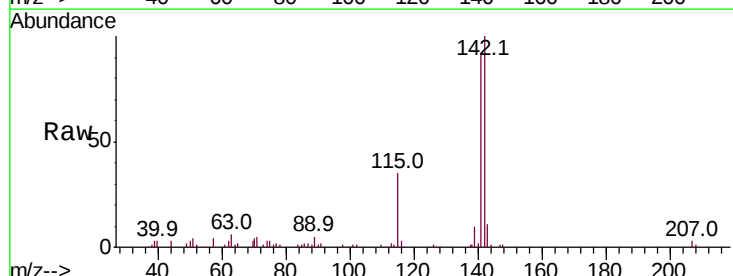
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-06

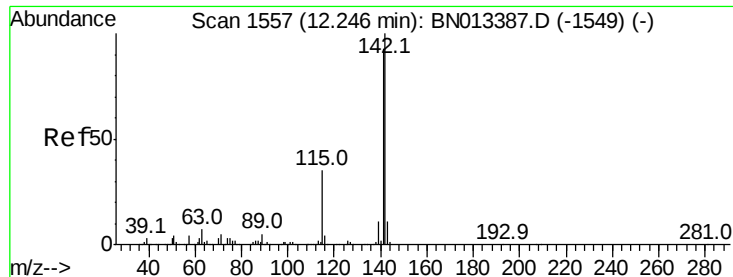
Tot Ion	Ratio	Lower	Upper
107	100		
144	25.7	21.2	31.8
142	80.2	63.2	94.8



#36
 2-Methylnaphthalene
 Concen: 2.458 ng/ul
 RT: 12.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BN013389.D
 Acq: 12 Jan 2021 10:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	71.5	107.3





#37

1-Methylnaphthalene

Concen: 2.436 ng/ul

RT: 12.25 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-06

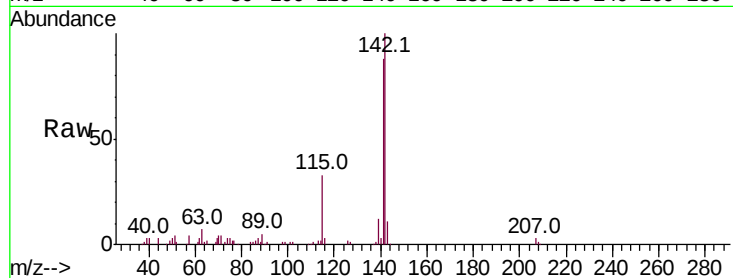
Tot Ion:142 Resp: 134655

Ion Ratio Lower Upper

142 100

141 88.3 71.4 107.2

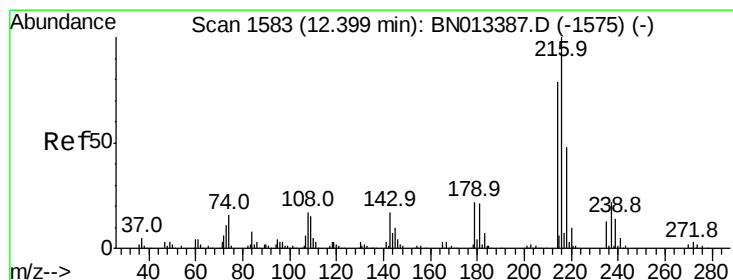
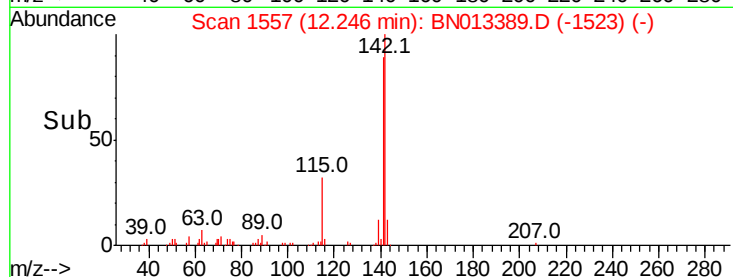
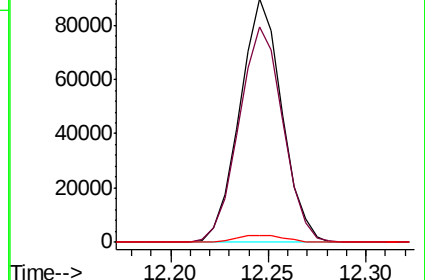
116 3.0 2.9 4.3



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: 2.658 ng/ul

RT: 12.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

Tgt Ion:216 Resp: 69788

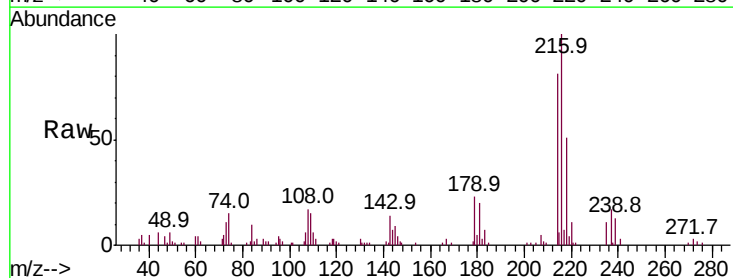
Ion Ratio Lower Upper

216 100

214 81.2 61.6 92.4

179 22.9 16.7 25.1

108 16.9 13.8 20.6

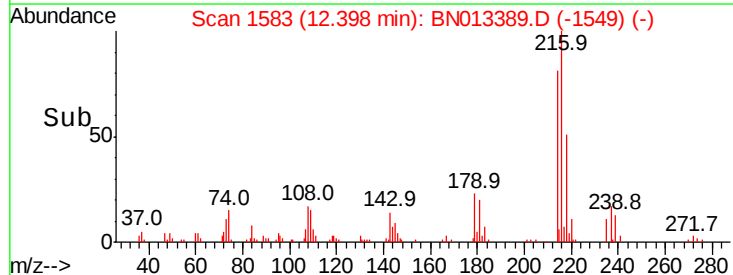
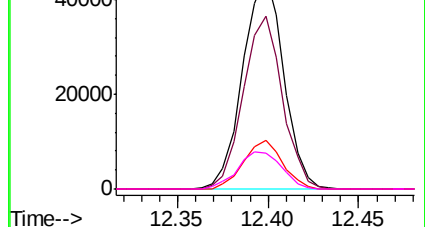


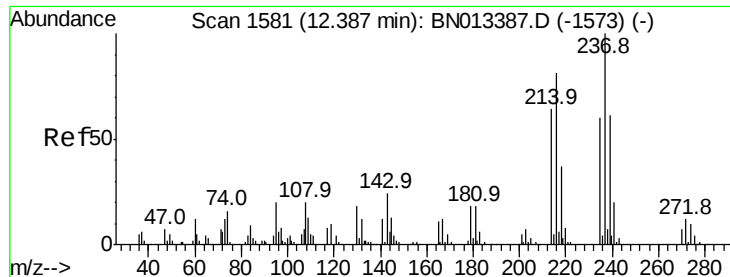
Abundance Ion 216.00 (215.70 to 216.70): E

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: 2.557 ng/ul

RT: 12.39 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-06

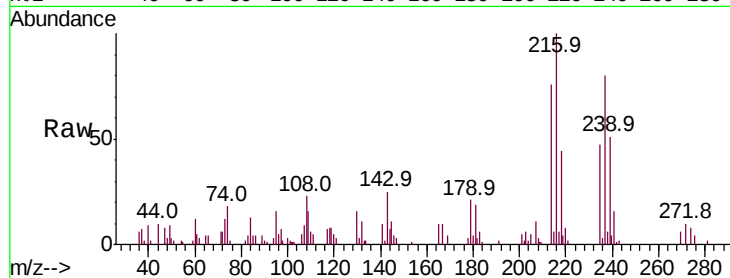
Tot Ion:237 Resp: 34985

Ion Ratio Lower Upper

237 100

235 59.0 49.9 74.9

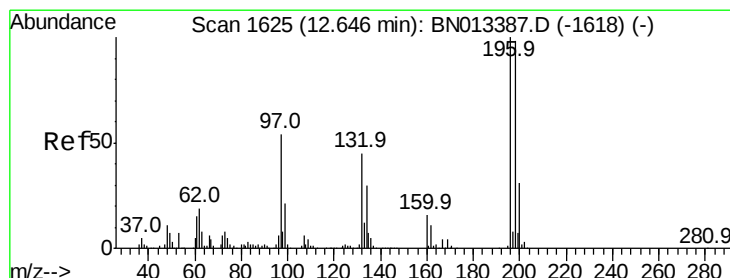
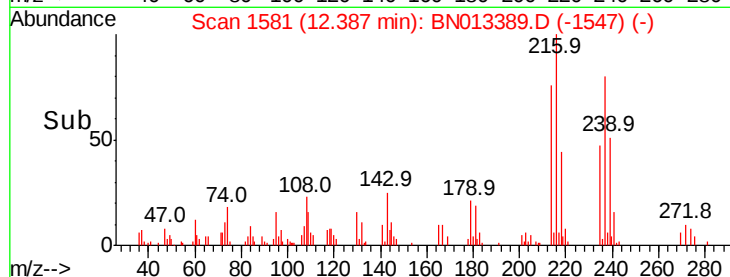
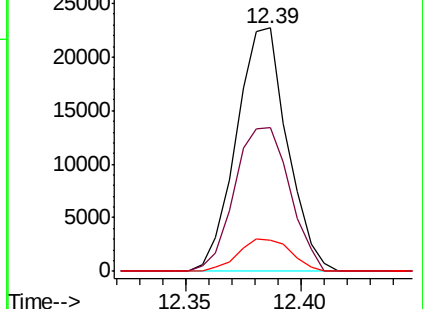
272 13.0 10.1 15.1



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: 1.764 ng/ul

RT: 12.64 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

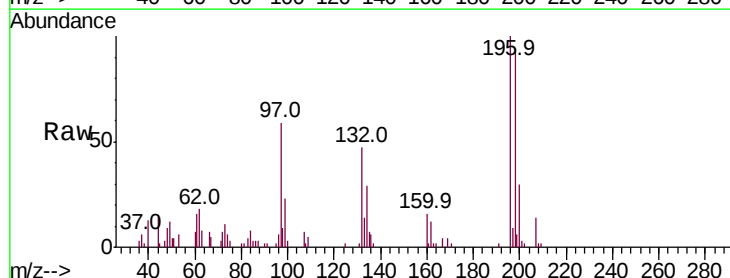
Tgt Ion:196 Resp: 30548

Ion Ratio Lower Upper

196 100

198 94.4 79.6 119.4

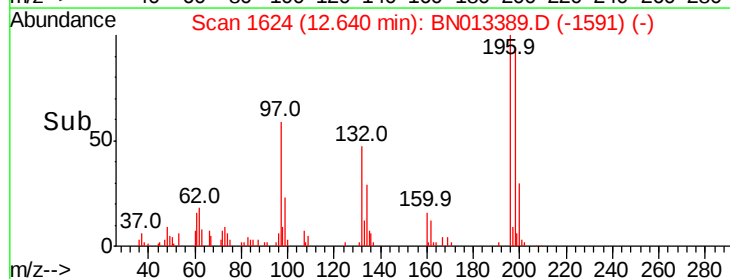
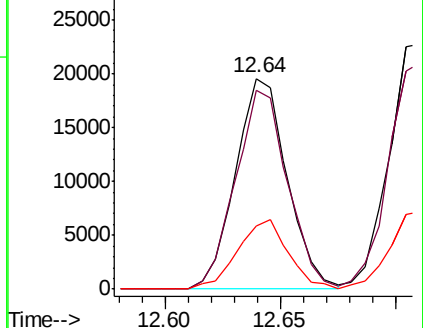
200 30.1 25.1 37.7

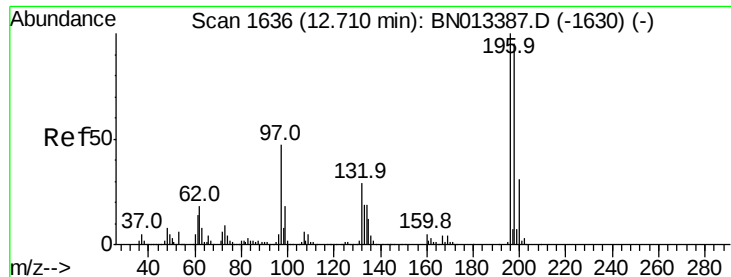


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



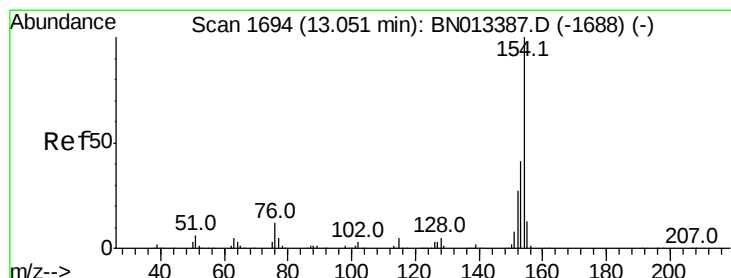
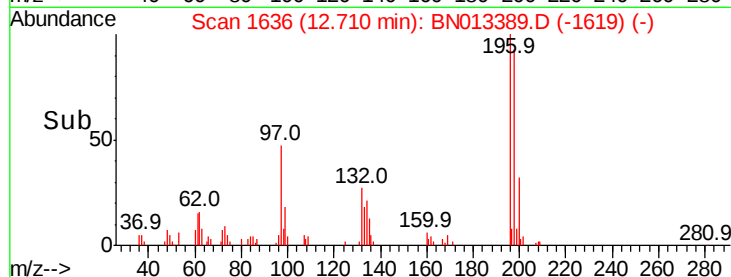
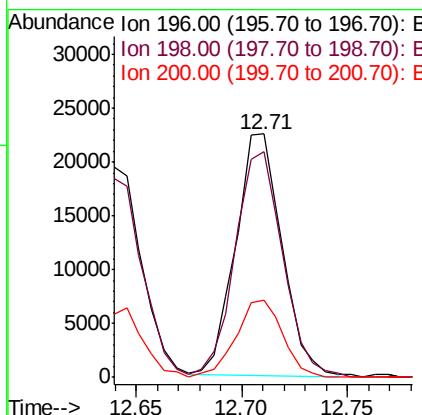
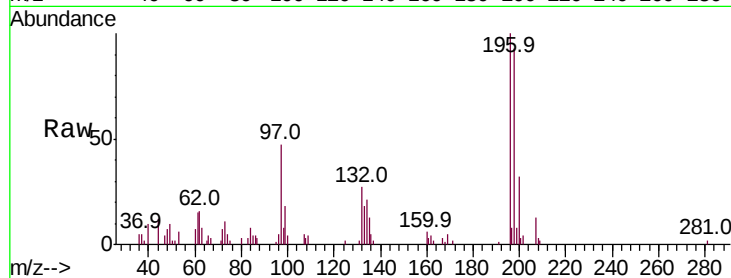


#42
 2,4,5-Trichlorophenol
 Concen: 1.865 ng/ul
 RT: 12.71 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BN013389.D
 Acq: 12 Jan 2021 10:37

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-06

Tot Ion:196 Resp: 34357

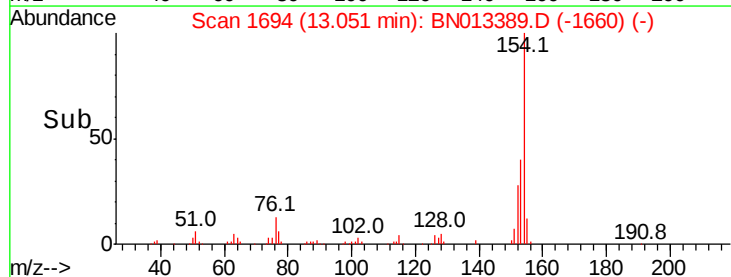
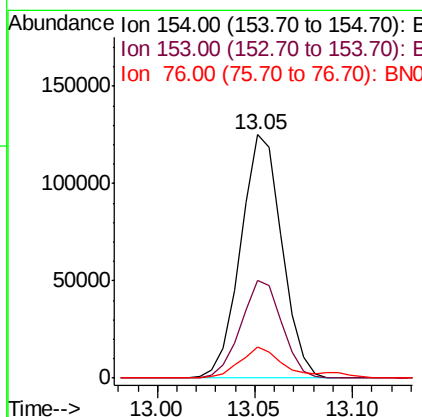
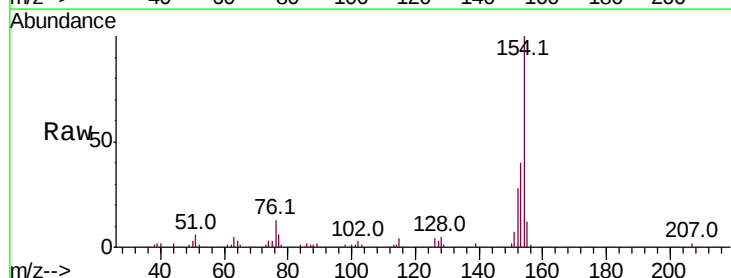
Ion	Ratio	Lower	Upper
196	100		
198	92.9	75.3	112.9
200	34.5	24.1	36.1

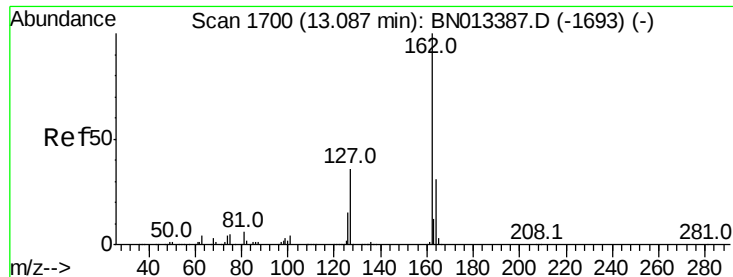


#43
 1,1'-Biphenyl
 Concen: 2.607 ng/ul
 RT: 13.05 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BN013389.D
 Acq: 12 Jan 2021 10:37

Tgt Ion:154 Resp: 183197

Ion	Ratio	Lower	Upper
154	100		
153	40.1	32.1	48.1
76	12.6	10.0	15.0

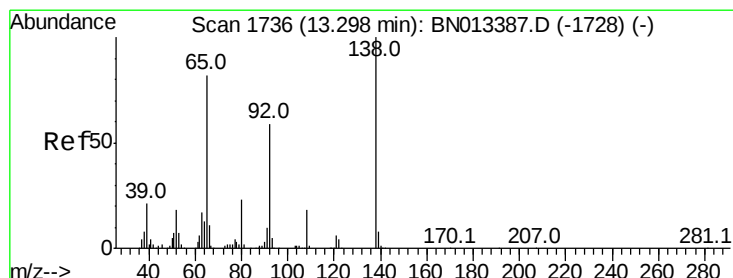
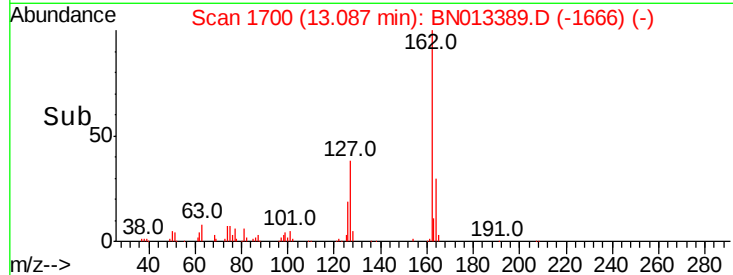
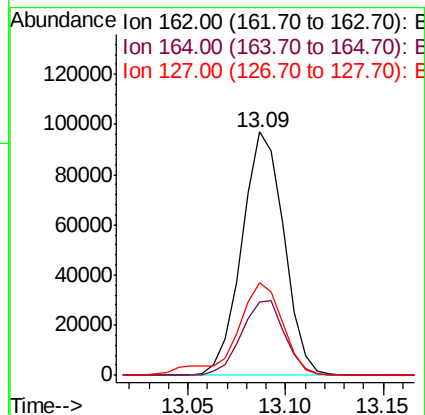
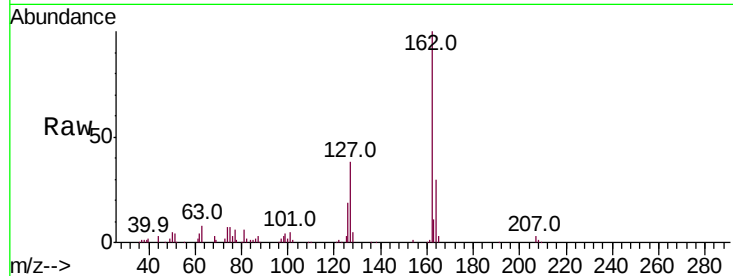




#44
2-Chloronaphthalene
Concen: 2.619 ng/ul
RT: 13.09 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BN013389.D
Acq: 12 Jan 2021 10:37

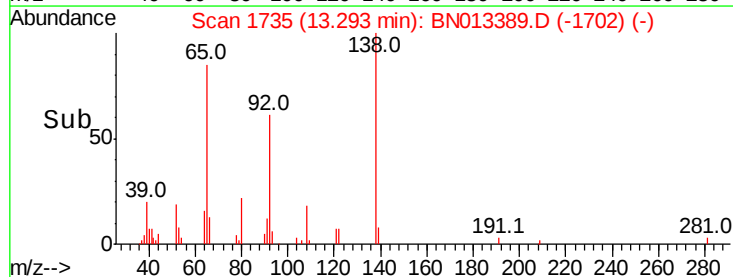
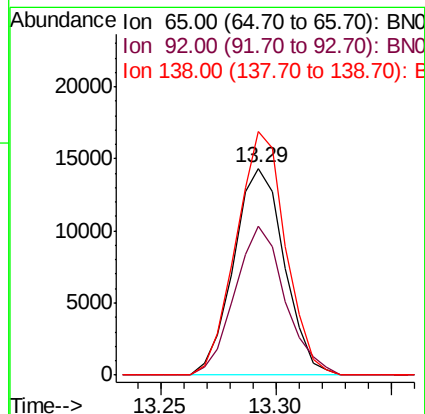
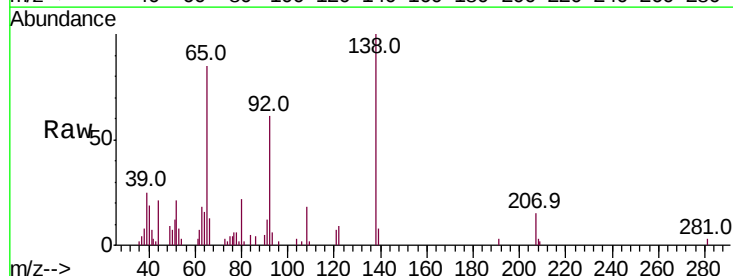
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-06

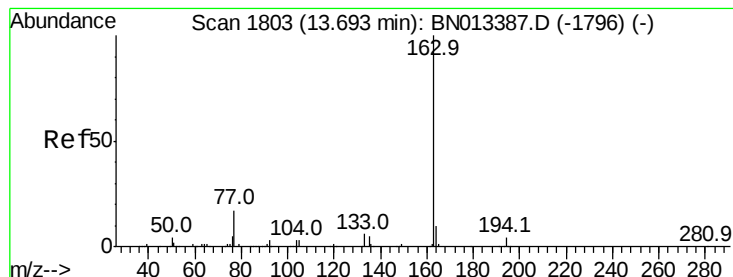
Tot Ion:162 Resp: 144968
Ion Ratio Lower Upper
162 100
164 30.1 25.8 38.6
127 37.9 32.6 49.0



#45
2-Nitroaniline
Concen: 1.557 ng/ul
RT: 13.29 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BN013389.D
Acq: 12 Jan 2021 10:37

Tgt Ion: 65 Resp: 21954
Ion Ratio Lower Upper
65 100
92 72.0 56.2 84.4
138 117.7 91.5 137.3





#47

Dimethylphthalate

Concen: 2.376 ng/ul

RT: 13.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-06

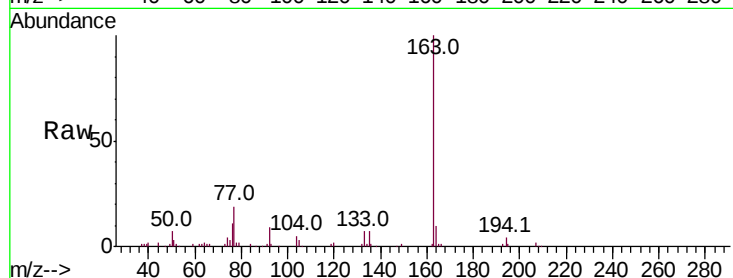
Tot Ion:163 Resp: 164529

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

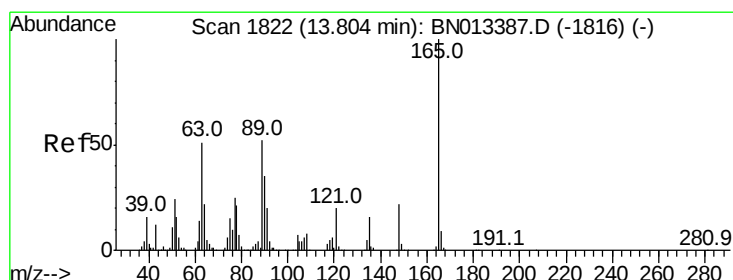
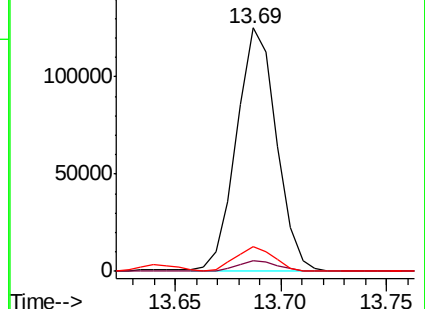
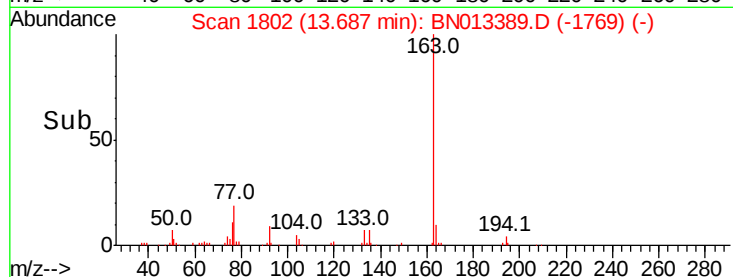
164 10.1 8.2 12.4



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: 1.675 ng/ul

RT: 13.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

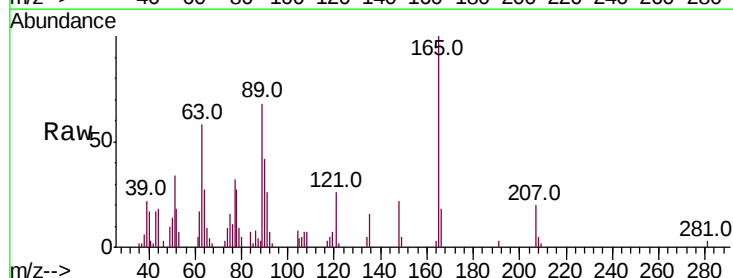
Tgt Ion:165 Resp: 21994

Ion Ratio Lower Upper

165 100

89 67.8 45.0 67.4#

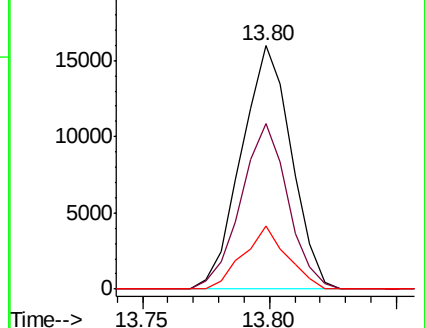
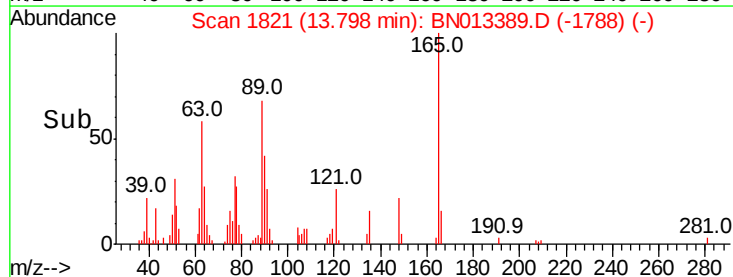
121 25.7 17.0 25.6#

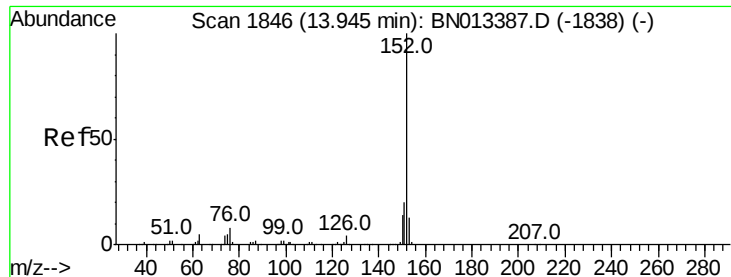


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#50

Acenaphthylene

Concen: 2.520 ng/ul

RT: 13.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-06

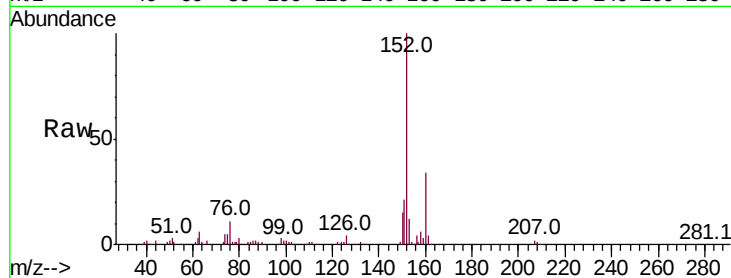
Tot Ion:152 Resp: 212090

Ion Ratio Lower Upper

152 100

151 21.2 15.8 23.6

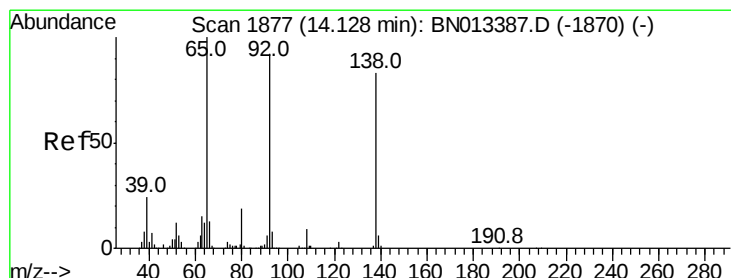
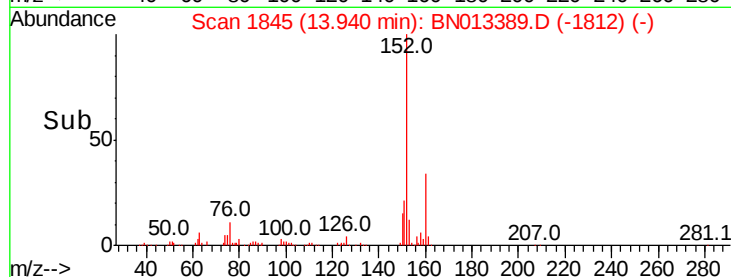
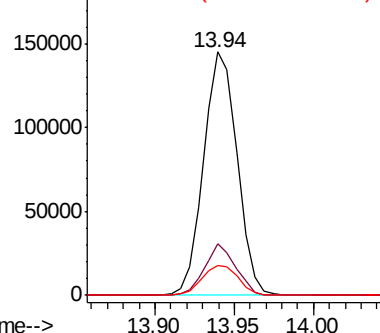
153 12.4 10.6 15.8



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: 1.873 ng/ul

RT: 14.13 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

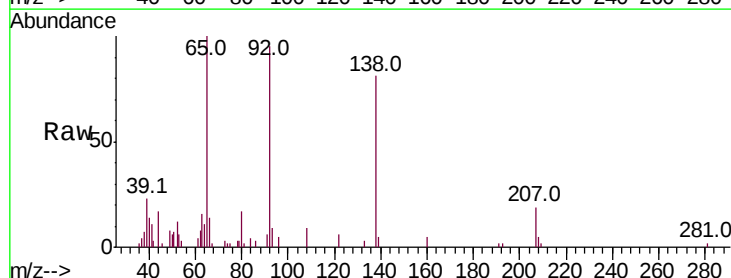
Tgt Ion:138 Resp: 22691

Ion Ratio Lower Upper

138 100

108 11.6 9.0 13.4

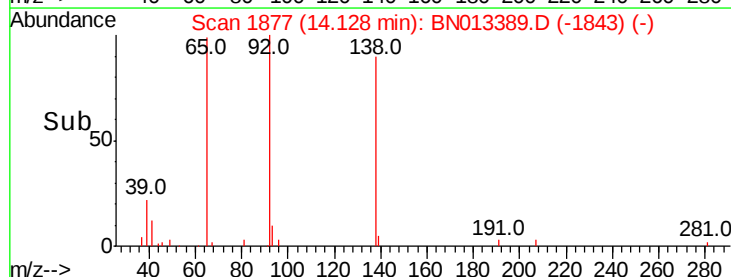
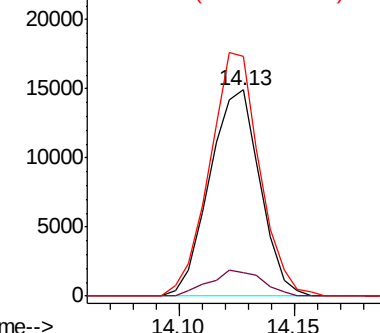
92 116.4 86.7 130.1

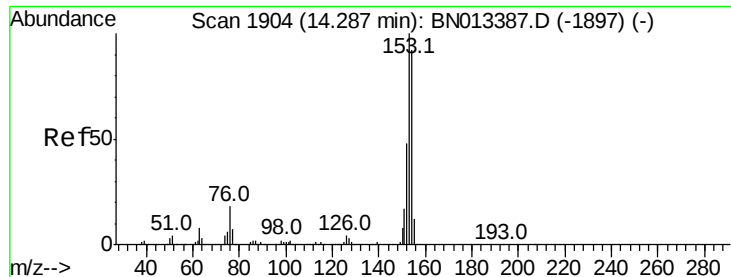


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNO





#52

Acenaphthene

Concen: 2.552 ng/ul

RT: 14.29 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-06

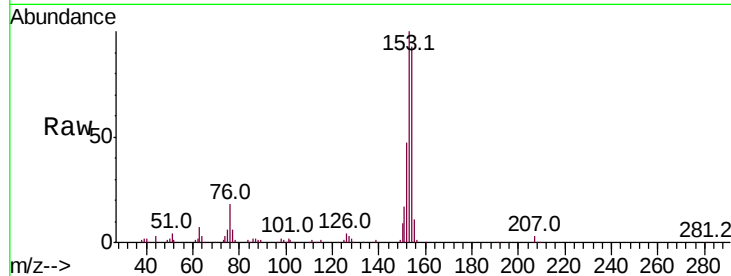
Tot Ion:153 Resp: 151479

Ion Ratio Lower Upper

153 100

152 47.1 37.4 56.2

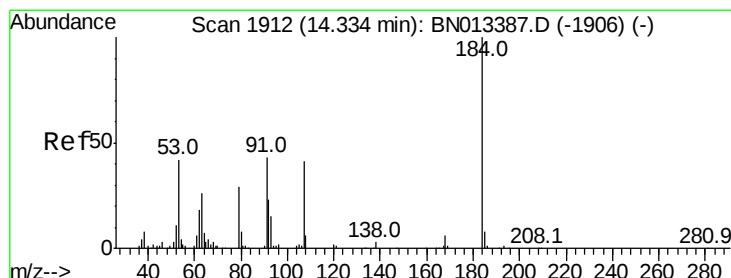
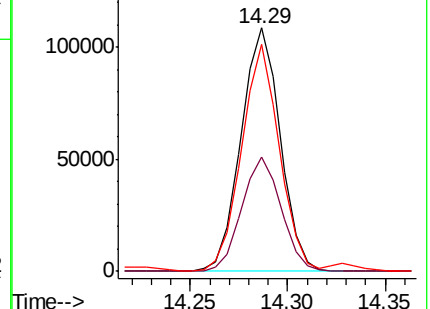
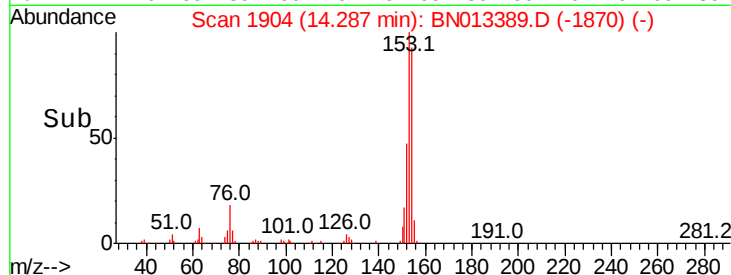
154 93.0 72.7 109.1



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: 1.172 ng/ul

RT: 14.33 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

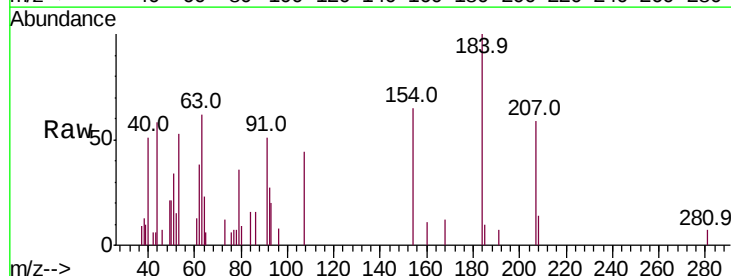
Tgt Ion:184 Resp: 6898

Ion Ratio Lower Upper

184 100

63 61.9 53.5 80.3

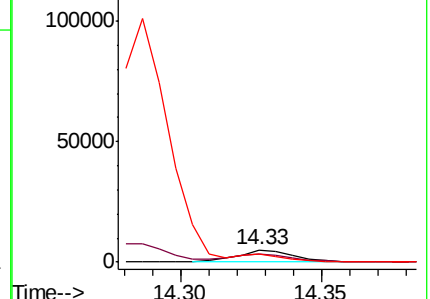
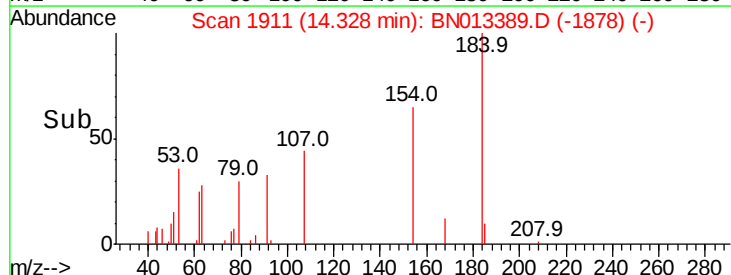
154 65.5 49.8 74.8

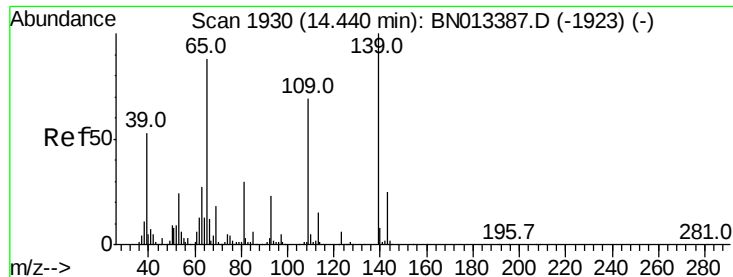


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 154.00 (153.70 to 154.70): E

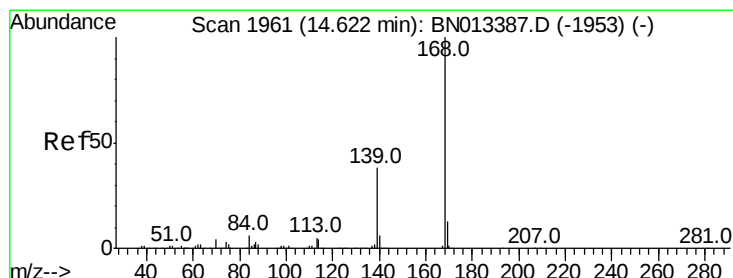
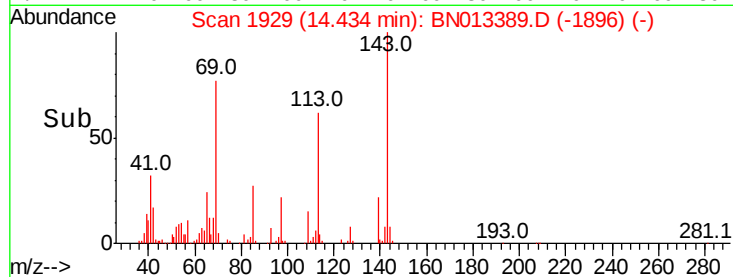
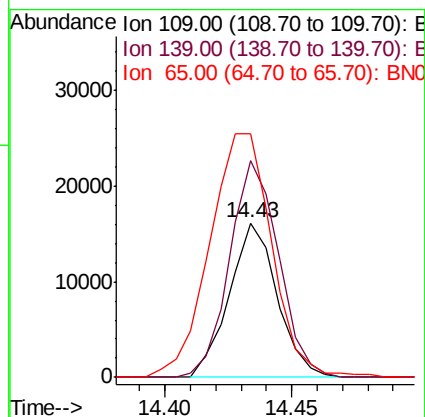
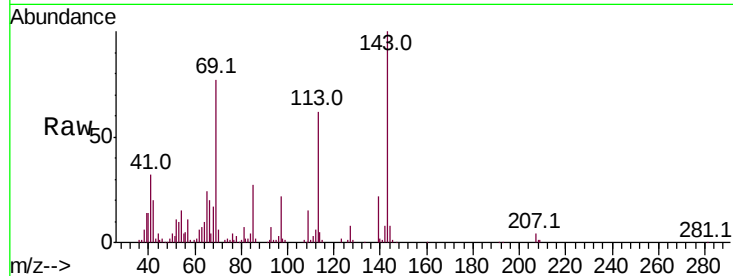




#55
4-Nitrophenol
Concen: 2.284 ng/ul
RT: 14.43 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BN013389.D
Acq: 12 Jan 2021 10:37

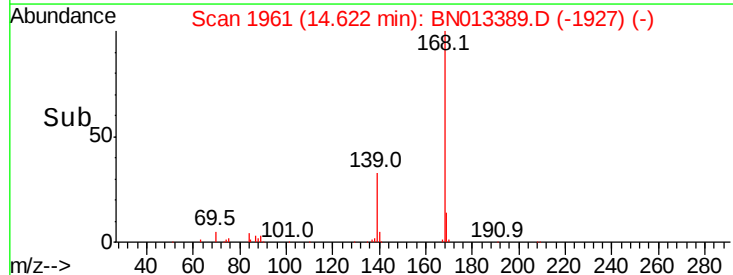
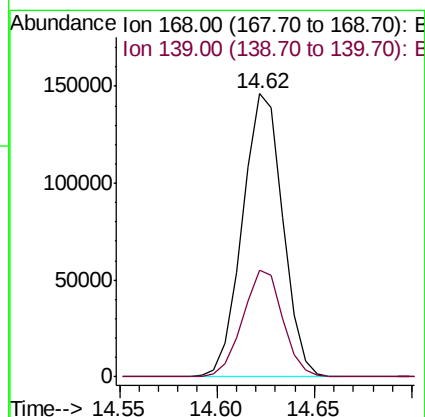
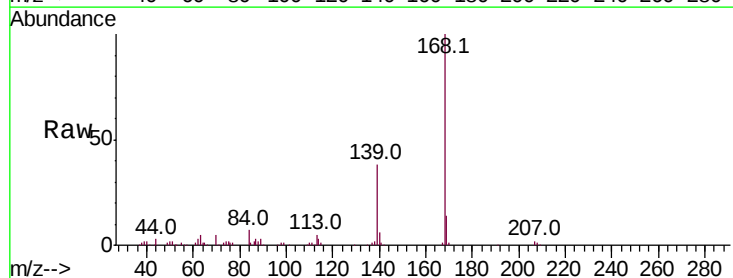
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-06

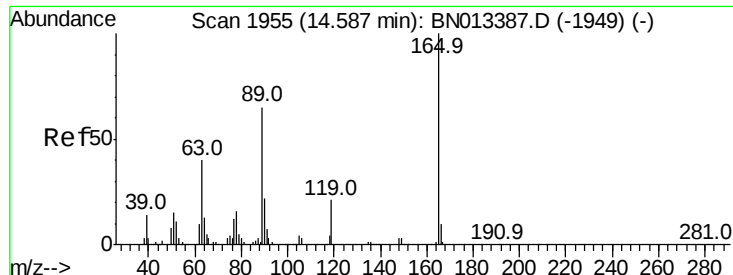
Tot Ion:109 Resp: 21194
Ion Ratio Lower Upper
109 100
139 140.7 115.7 173.5
65 157.8 97.9 146.9#



#56
Dibenzofuran
Concen: 2.582 ng/ul
RT: 14.62 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BN013389.D
Acq: 12 Jan 2021 10:37

Tgt Ion:168 Resp: 209885
Ion Ratio Lower Upper
168 100
139 37.9 31.5 47.3

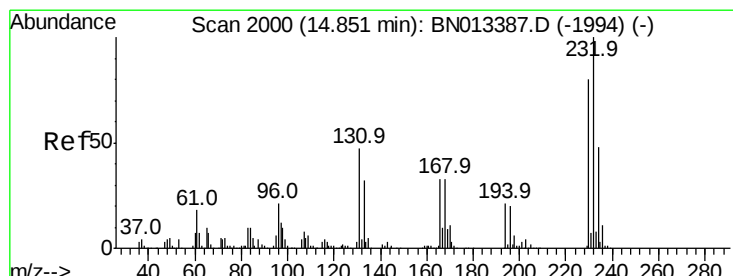
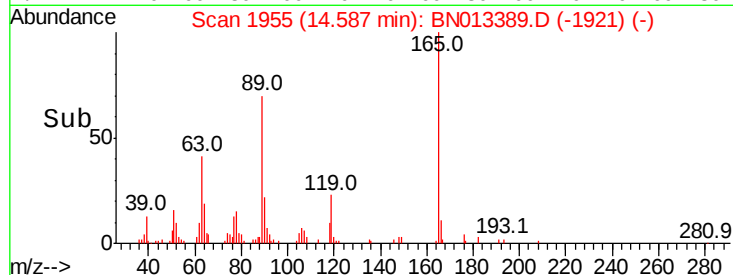
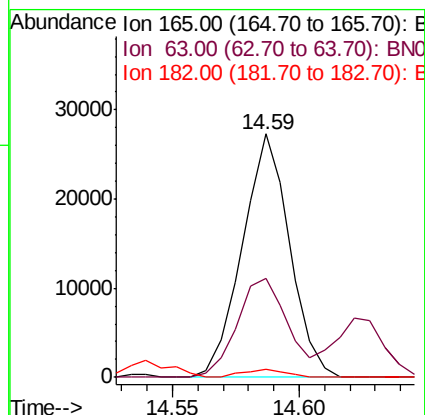
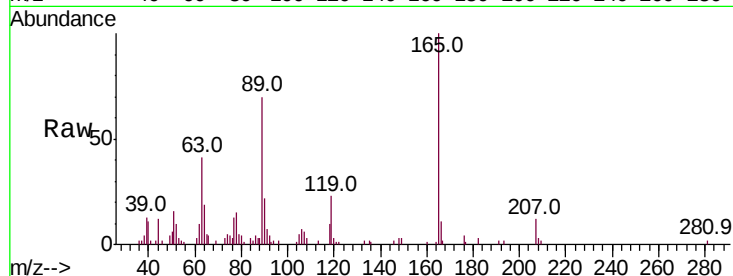




#57
2,4-Dinitrotoluene
Concen: 1.901 ng/ul
RT: 14.59 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BN013389.D
Acq: 12 Jan 2021 10:37

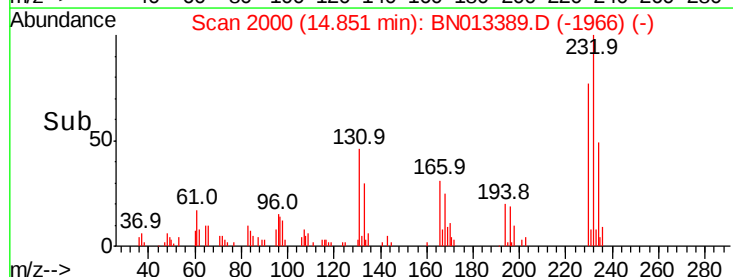
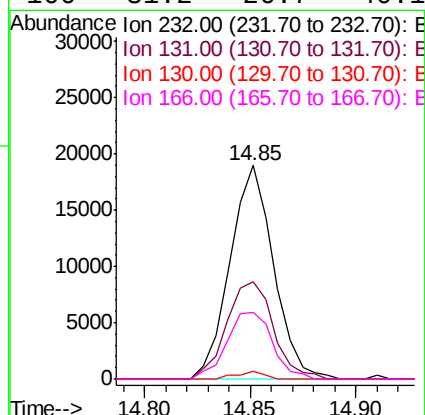
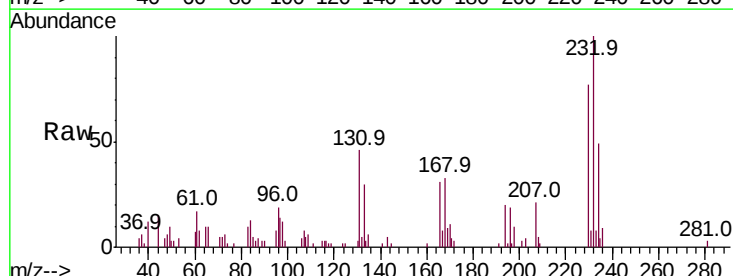
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-06

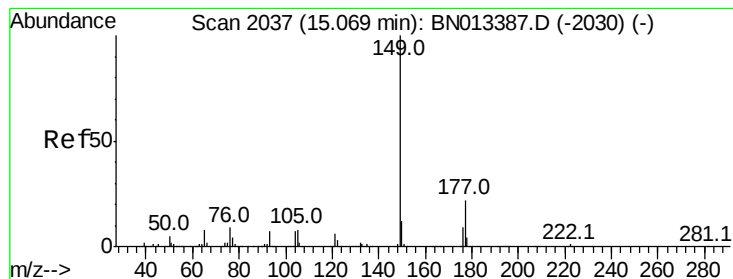
Tot Ion:165 Resp: 35561
Ion Ratio Lower Upper
165 100
63 40.9 32.6 48.8
182 3.5 2.4 3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 1.737 ng/ul
RT: 14.85 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BN013389.D
Acq: 12 Jan 2021 10:37

Tgt Ion:232 Resp: 27030
Ion Ratio Lower Upper
232 100
131 45.7 37.5 56.3
130 3.4 1.9 2.9#
166 31.2 26.7 40.1





#59

Diethylphthalate

Concen: 2.052 ng/ul

RT: 15.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-06

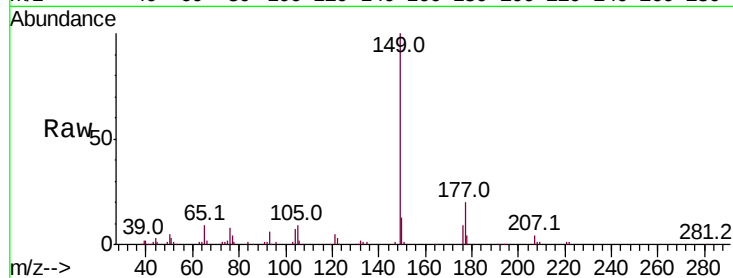
Tot Ion:149 Resp: 144427

Ion Ratio Lower Upper

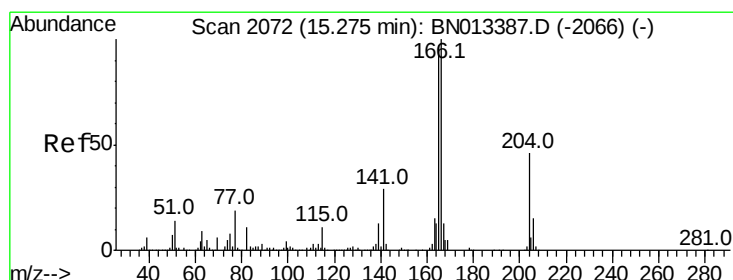
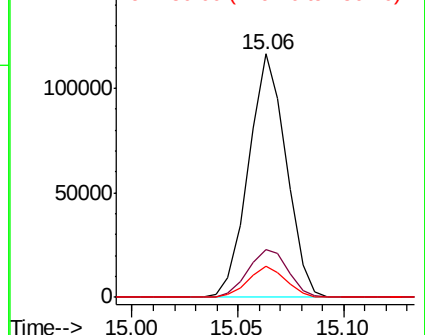
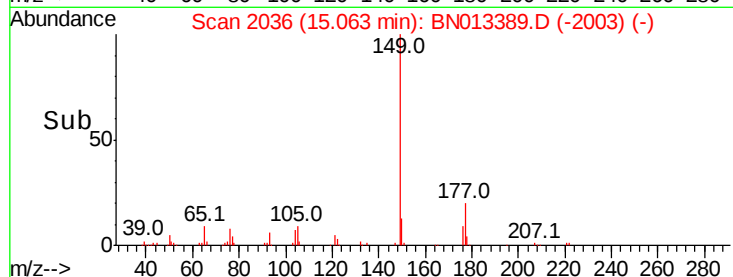
149 100

177 19.8 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: 2.625 ng/ul

RT: 15.27 min Scan# 2072

Delta R.T. -0.00 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

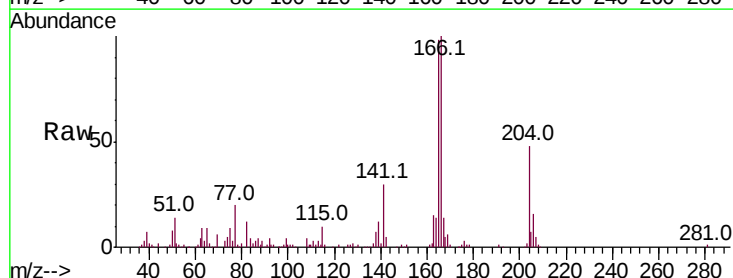
Tgt Ion:166 Resp: 172845

Ion Ratio Lower Upper

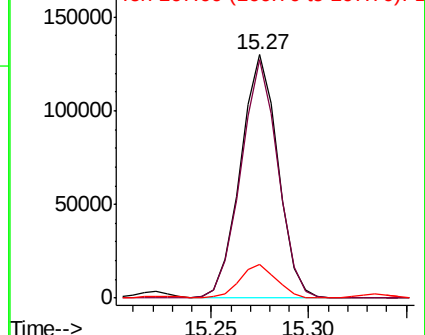
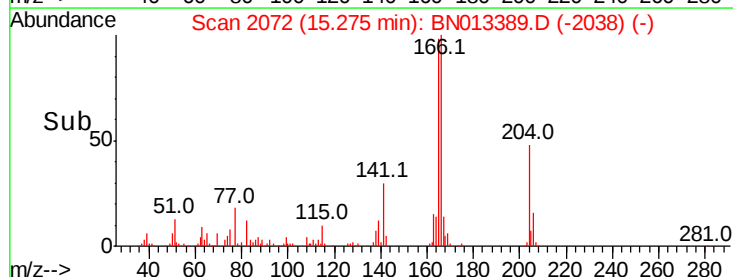
166 100

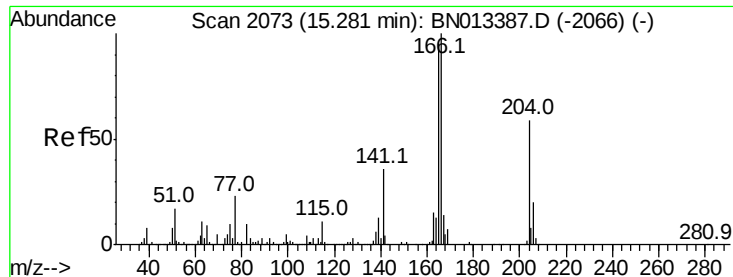
165 98.1 78.3 117.5

167 13.7 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: 2.672 ng/ul

RT: 15.27 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-06

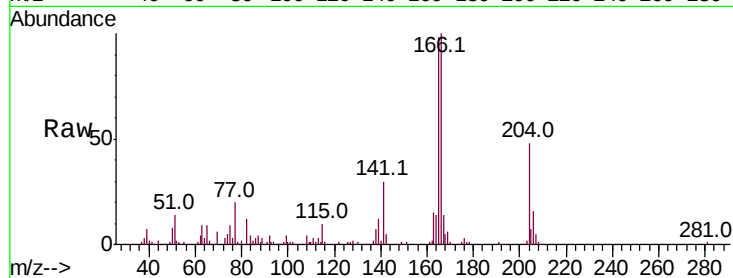
Tot Ion:204 Resp: 84808

Ion Ratio Lower Upper

204 100

206 33.2 27.6 41.4

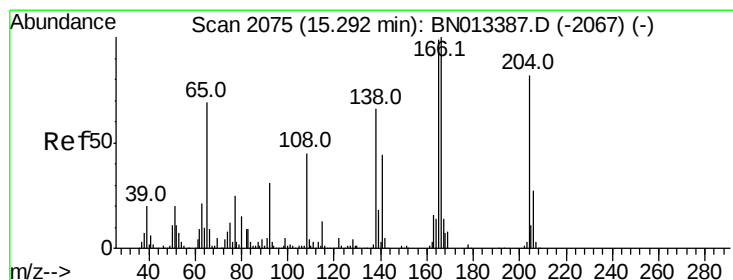
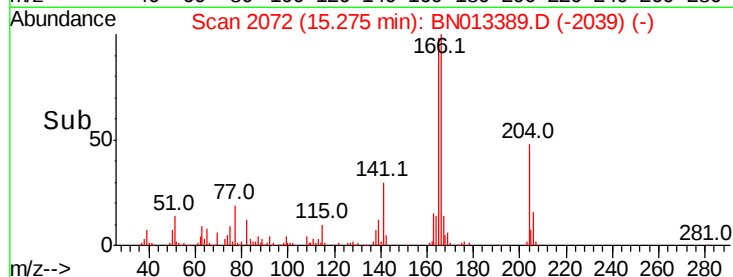
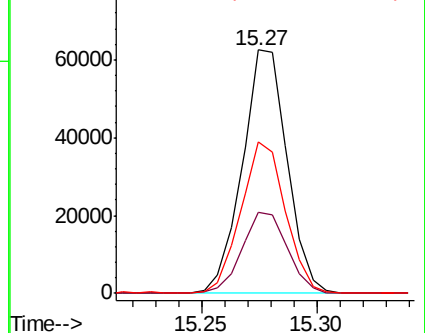
141 62.3 50.6 76.0



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: 2.088 ng/ul

RT: 15.29 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

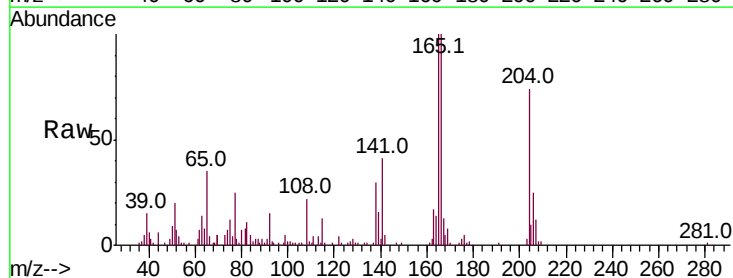
Tgt Ion:138 Resp: 23755

Ion Ratio Lower Upper

138 100

92 50.3 38.1 57.1

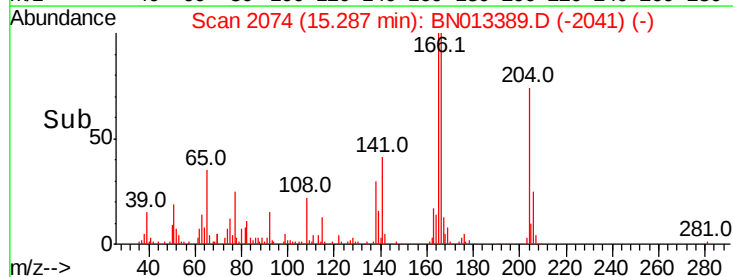
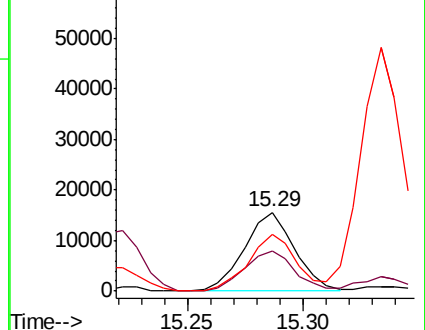
108 71.1 56.5 84.7

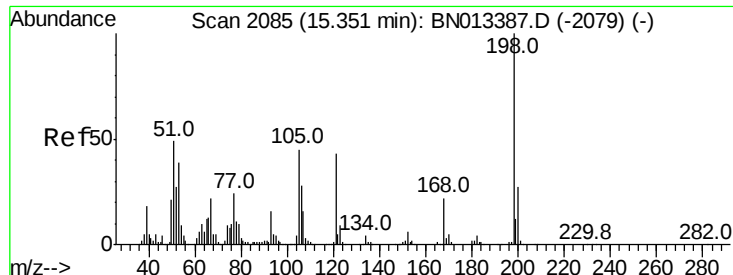


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BNO

Ion 108.00 (107.70 to 108.70): E

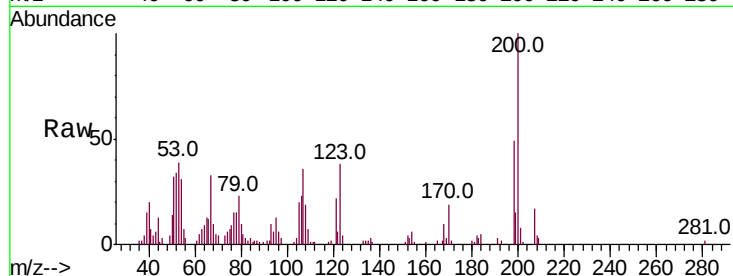




#66
 4,6-Dinitro-2-methylphenol
 Concen: 2.403 ng/ul
 RT: 15.35 min Scan# 2085
 Delta R.T. -0.00 min
 Lab File: BN013389.D
 Acq: 12 Jan 2021 10:37

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-06

Tot Ion	Ratio	Lower	Upper
198	100		
182	7.9	3.8	5.6#
77	30.4	17.6	26.4#

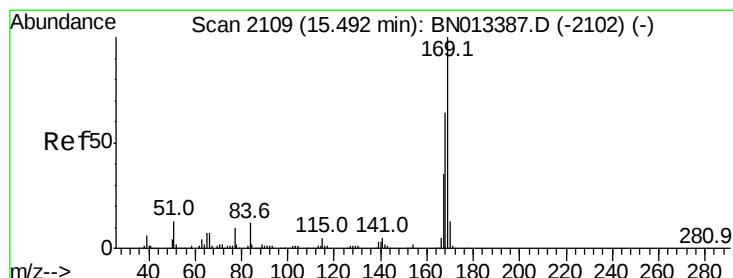
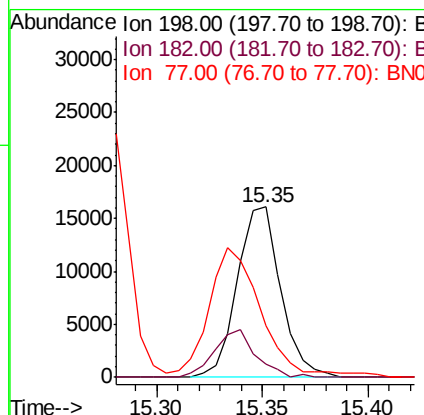
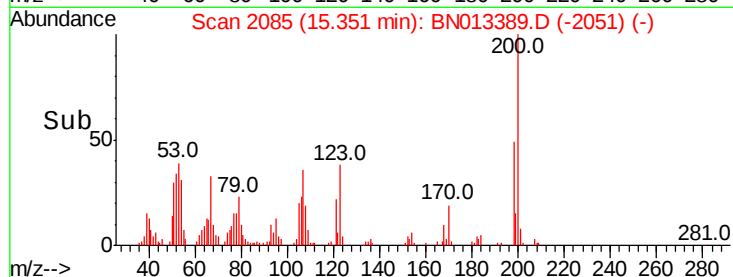


Abundance

Ion 198.00 (197.70 to 198.70): E

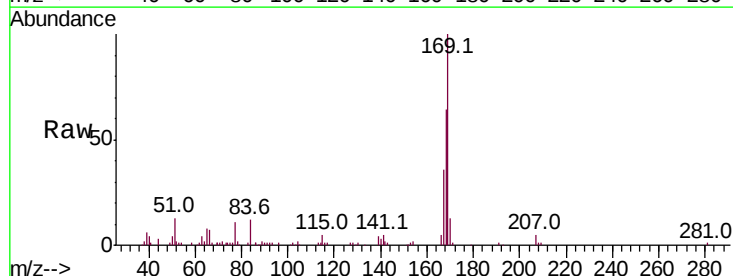
Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BNC



#67
 N-Nitrosodiphenylamine
 Concen: 2.401 ng/ul
 RT: 15.49 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BN013389.D
 Acq: 12 Jan 2021 10:37

Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.0	51.7	77.5
167	35.6	27.8	41.6

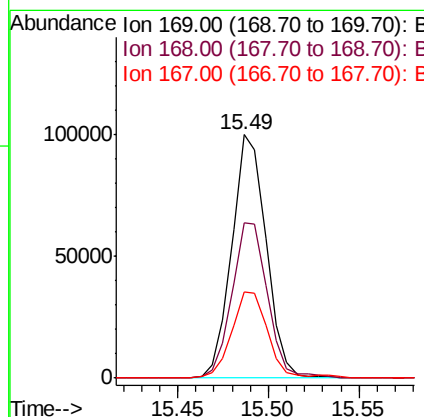
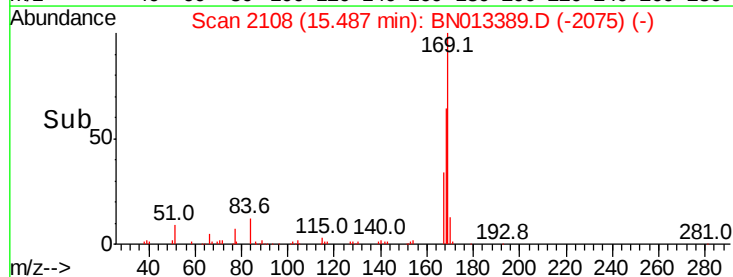


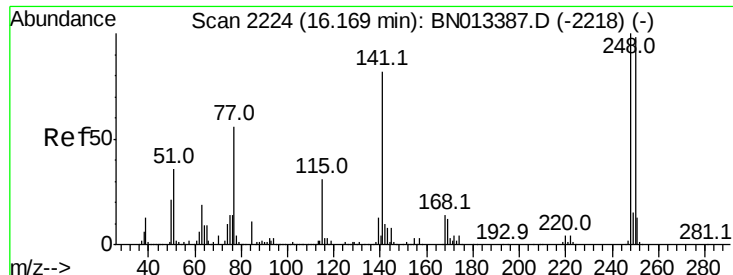
Abundance

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

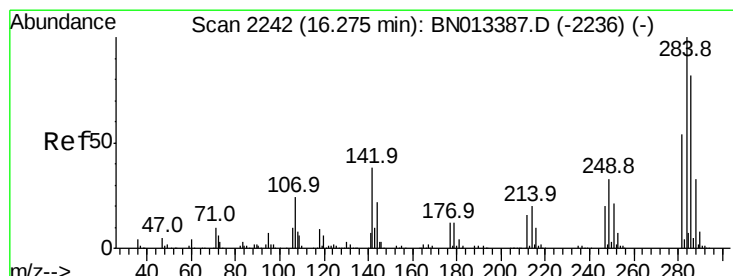
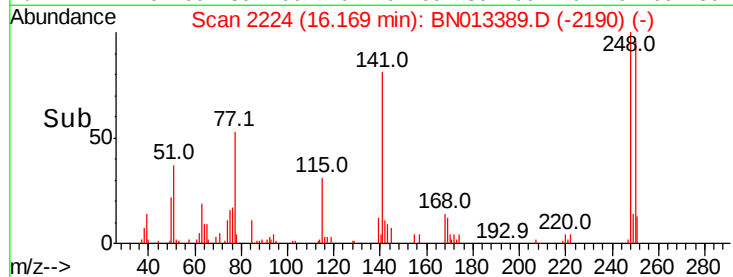
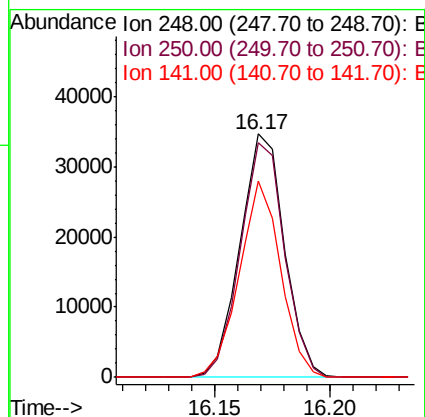
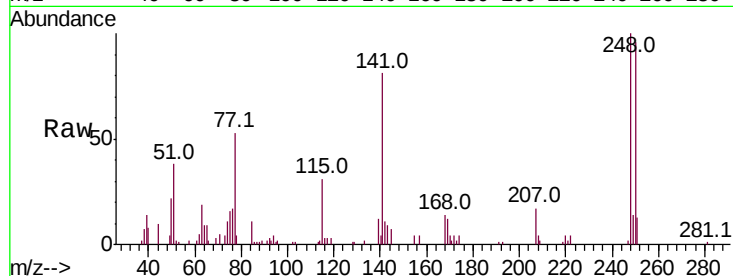




#68
 4-Bromophenyl-phenylether
 Concen: 2.421 ng/ul
 RT: 16.17 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: BN013389.D
 Acq: 12 Jan 2021 10:37

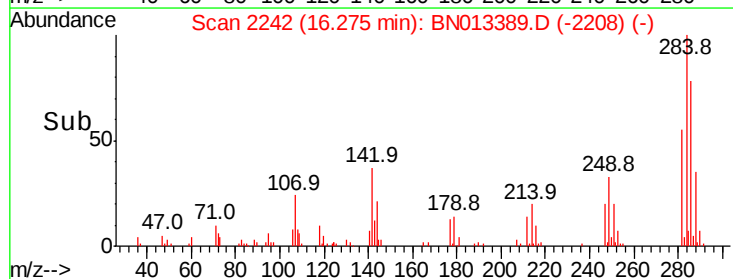
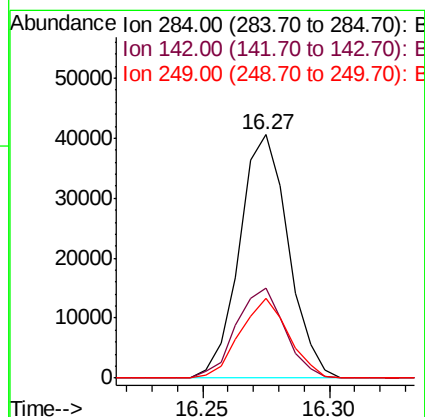
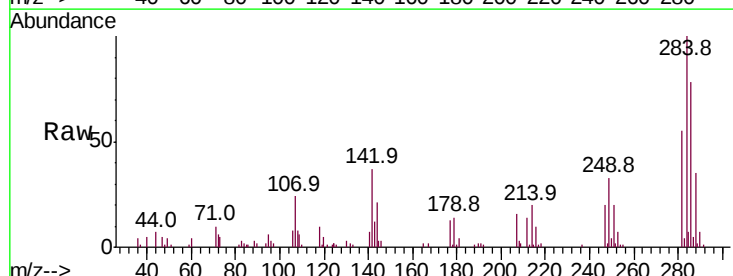
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-06

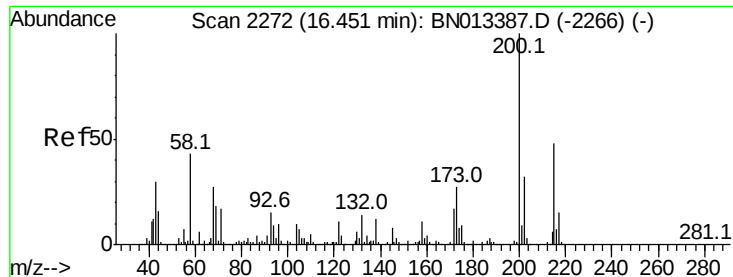
Tot Ion:248 Resp: 46528
 Ion Ratio Lower Upper
 248 100
 250 96.4 75.8 113.6
 141 80.9 64.4 96.6



#69
 Hexachlorobenzene
 Concen: 2.495 ng/ul
 RT: 16.27 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BN013389.D
 Acq: 12 Jan 2021 10:37

Tgt Ion:284 Resp: 54358
 Ion Ratio Lower Upper
 284 100
 142 37.1 29.3 43.9
 249 32.9 25.8 38.6

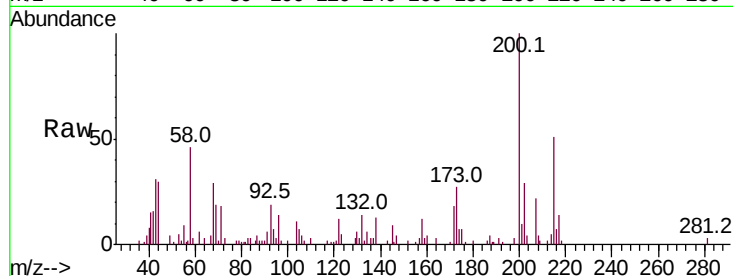




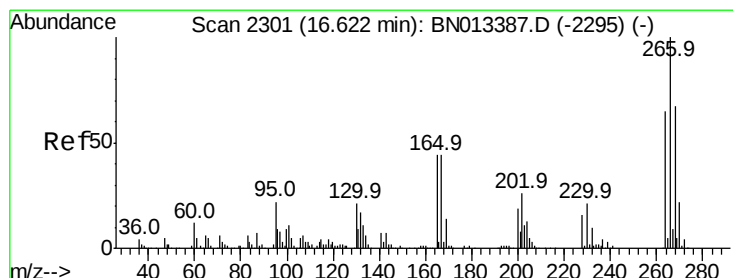
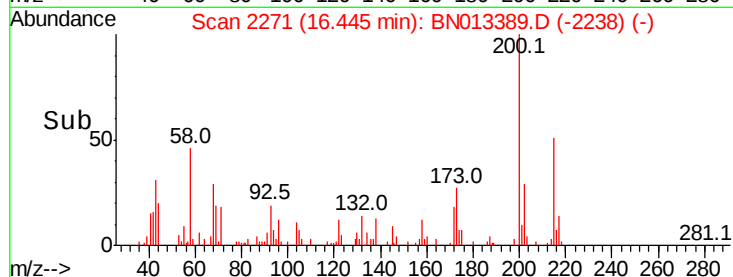
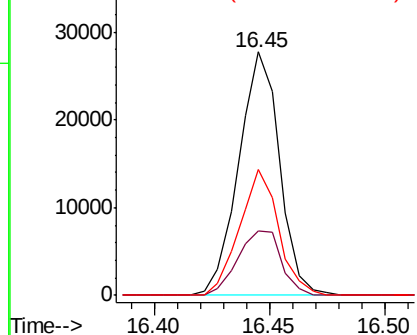
#70
Atrazine
Concen: 1.820 ng/ul
RT: 16.45 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BN013389.D
Acq: 12 Jan 2021 10:37

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-06

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	21.8	32.6
215	51.4	38.8	58.2

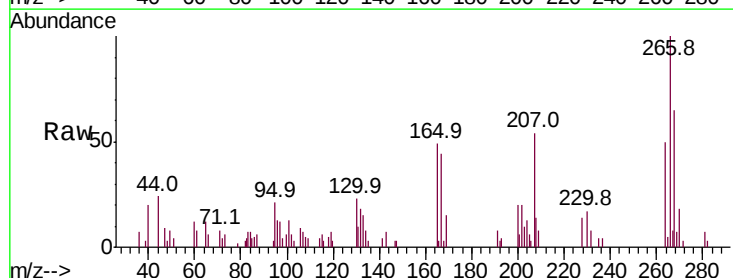


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

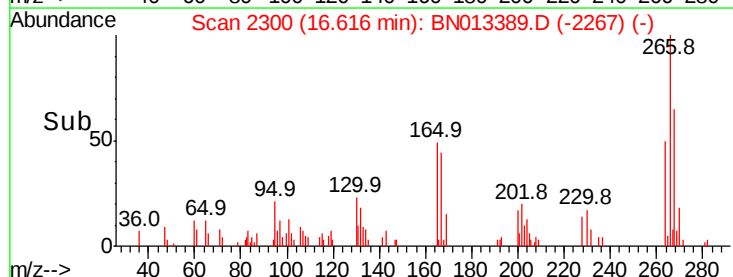
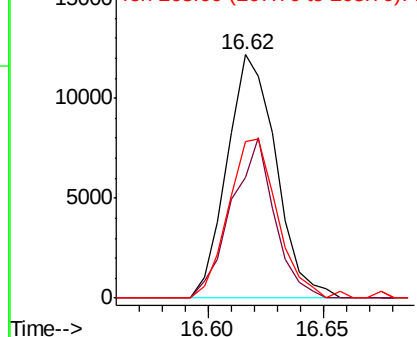


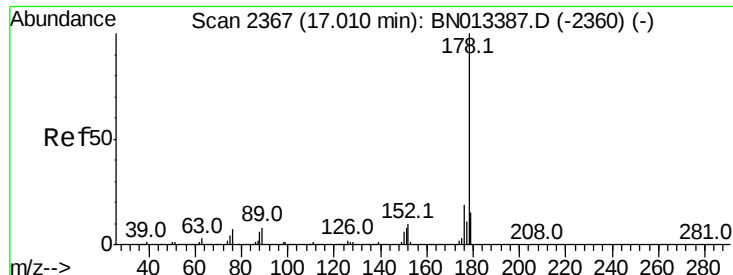
#71
Pentachlorophenol
Concen: 1.485 ng/ul
RT: 16.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BN013389.D
Acq: 12 Jan 2021 10:37

Tgt Ion	Ratio	Lower	Upper
266	100		
264	49.8	48.6	72.8
268	64.5	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: 2.655 ng/ul

RT: 17.01 min Scan# 2367

Delta R.T. -0.00 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-06

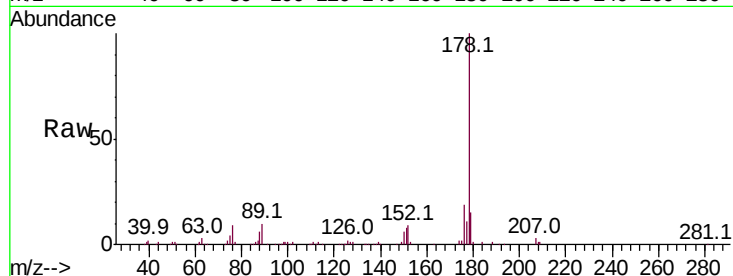
Tot Ion:178 Resp: 268933

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	19.0	15.3	22.9

178 100

179 15.2 12.2 18.4

176 19.0 15.3 22.9

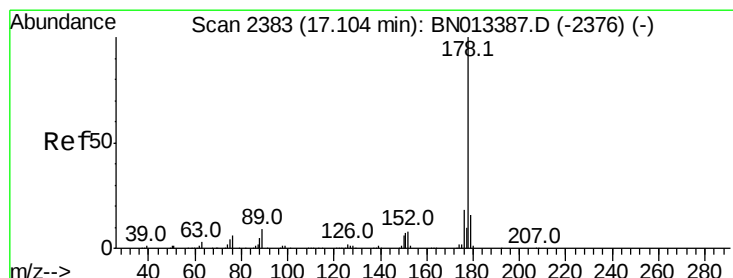
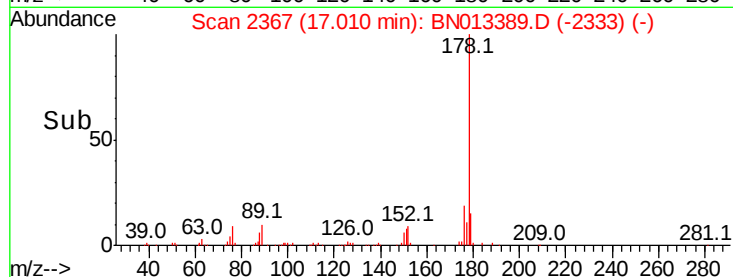
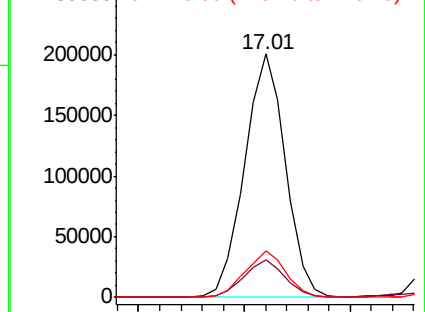


Abundance

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: 2.621 ng/ul

RT: 17.10 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

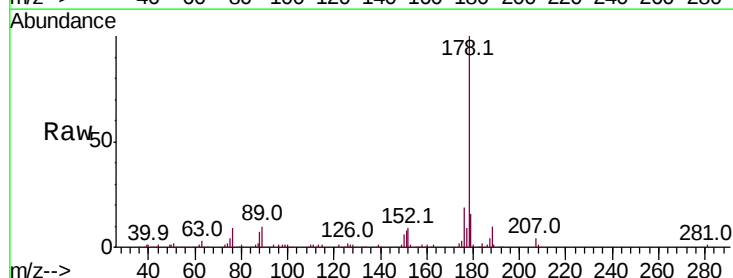
Tgt Ion:178 Resp: 271008

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.1	18.1
176	18.5	14.6	21.8

178 100

179 15.8 12.1 18.1

176 18.5 14.6 21.8

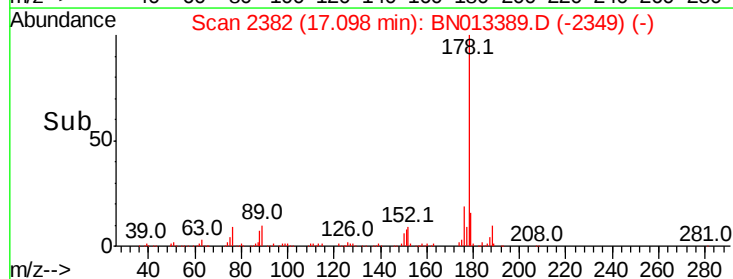
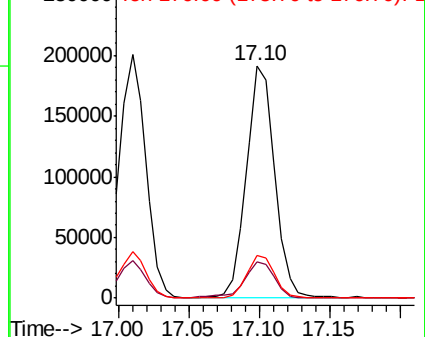


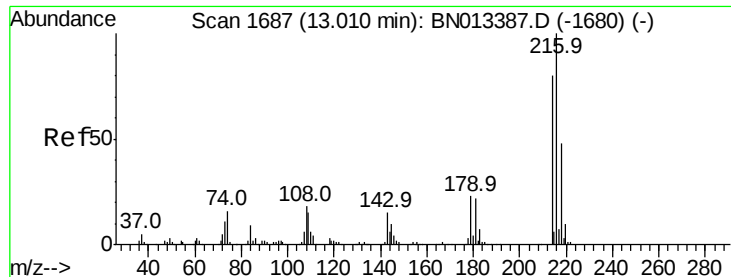
Abundance

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: 2.693 ng/uL

RT: 13.01 min Scan# 1687

Delta R.T. -0.00 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-06

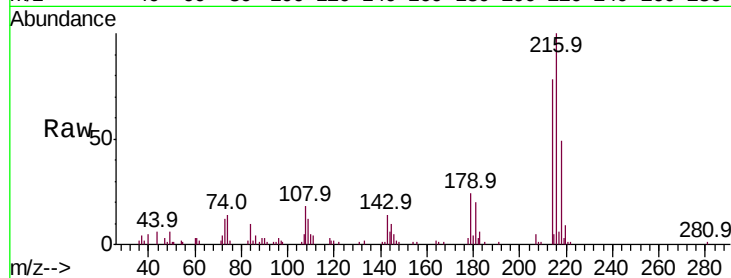
Tot Ion:216 Resp: 68157

Ion Ratio Lower Upper

216 100

214 77.7 59.4 89.0

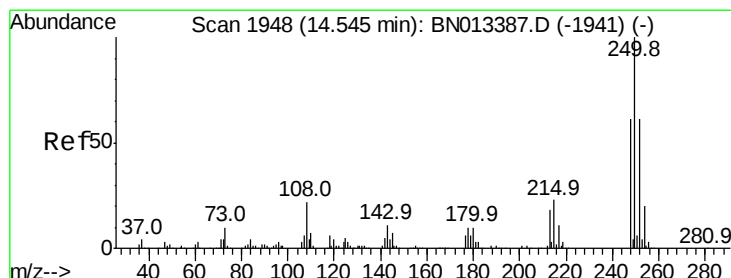
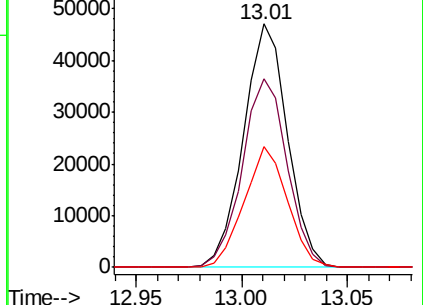
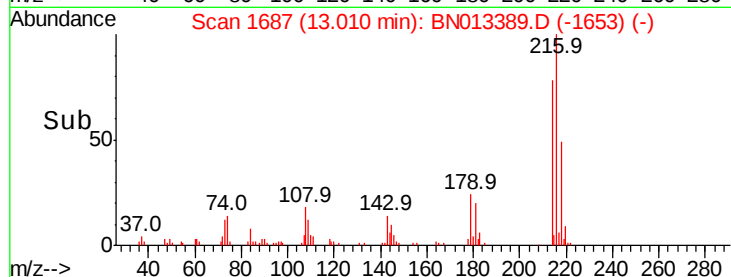
218 49.4 38.1 57.1



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: 2.631 ng/uL

RT: 14.55 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

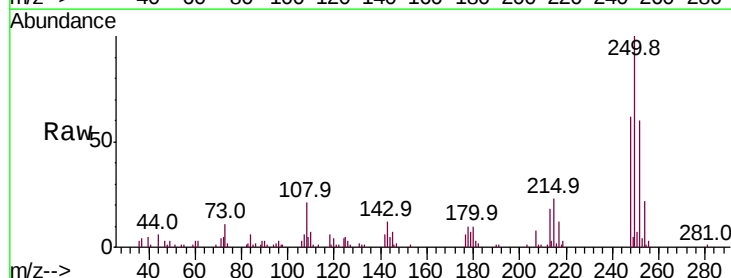
Tgt Ion:250 Resp: 66439

Ion Ratio Lower Upper

250 100

248 61.7 50.6 75.8

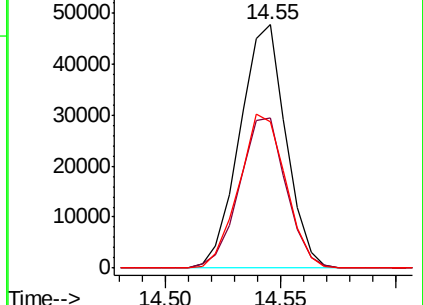
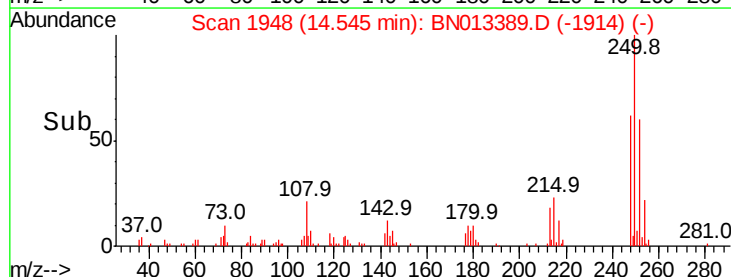
252 59.9 50.8 76.2

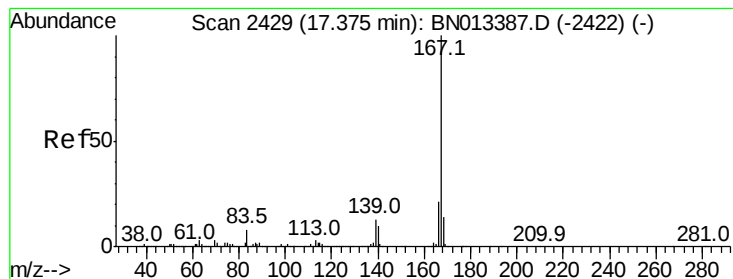


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#77

Carbazole

Concen: 2.356 ng/ul

RT: 17.37 min Scan# 2428

Delta R.T. -0.01 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-06

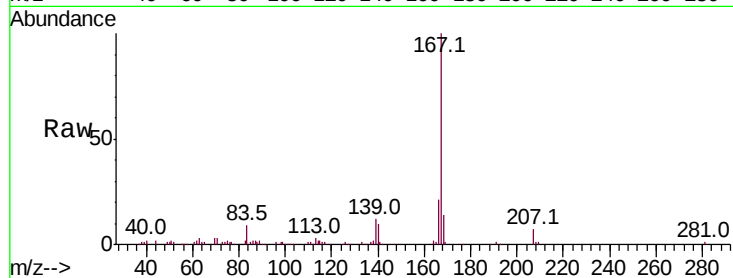
Tot Ion:167 Resp: 197698

Ion Ratio Lower Upper

167 100

166 21.0 17.6 26.4

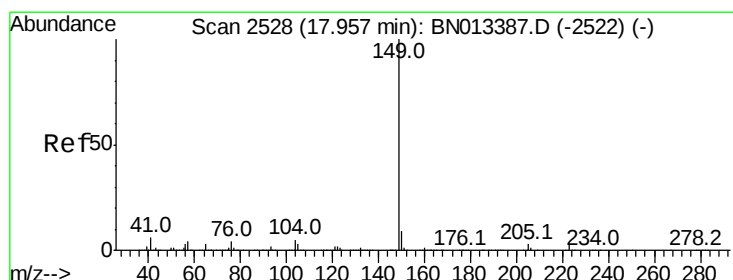
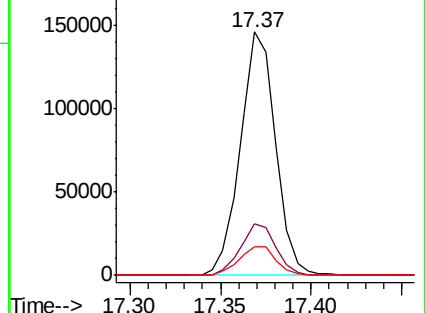
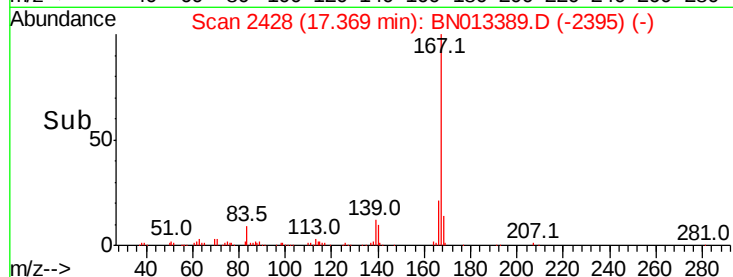
139 11.6 10.3 15.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#78

Di-n-butylphthalate

Concen: 1.592 ng/ul

RT: 17.96 min Scan# 2528

Delta R.T. -0.00 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

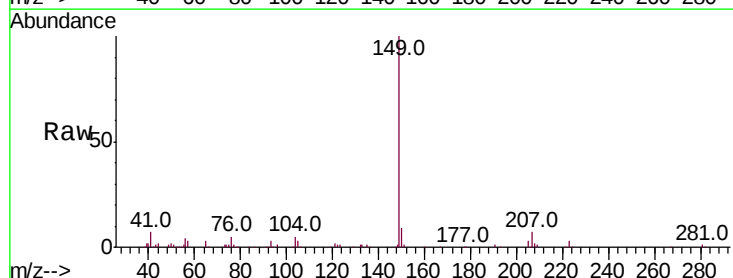
Tgt Ion:149 Resp: 182123

Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

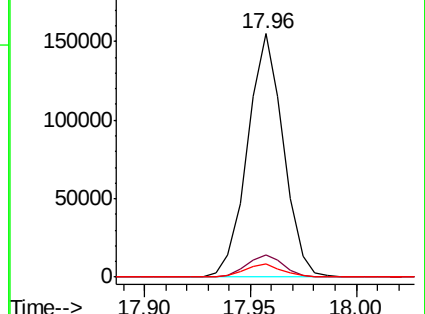
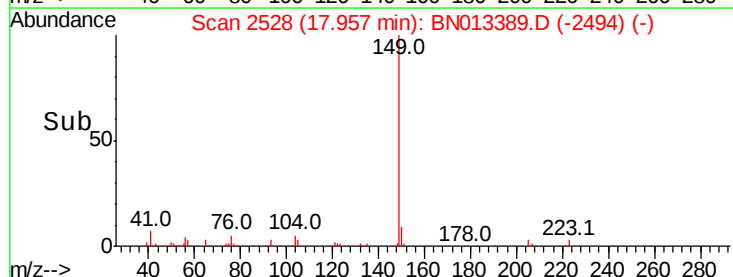
104 5.2 3.8 5.6

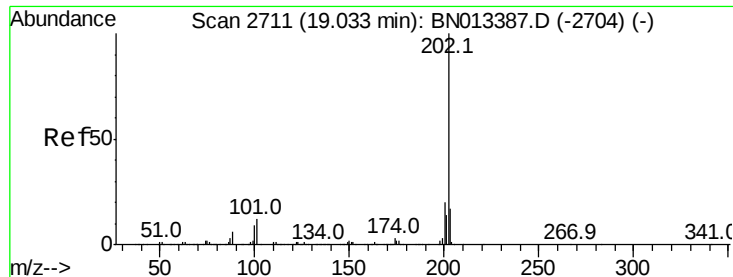


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

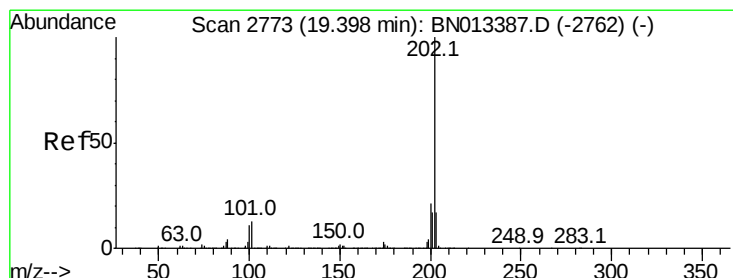
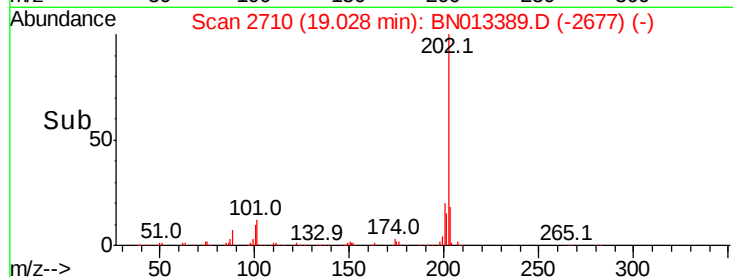
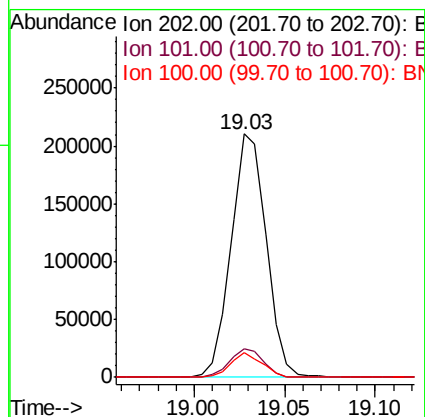
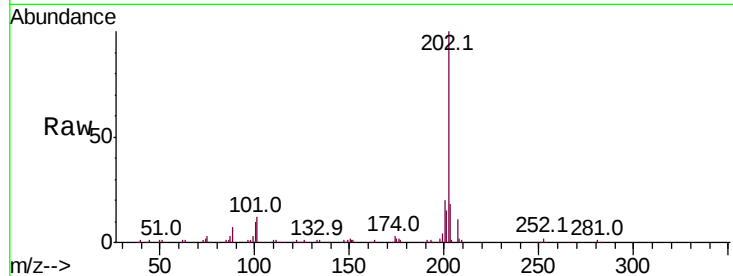




#80
Fluoranthene
Concen: 2.372 ng/ul
RT: 19.03 min Scan# 2710
Delta R.T. -0.01 min
Lab File: BN013389.D
Acq: 12 Jan 2021 10:37

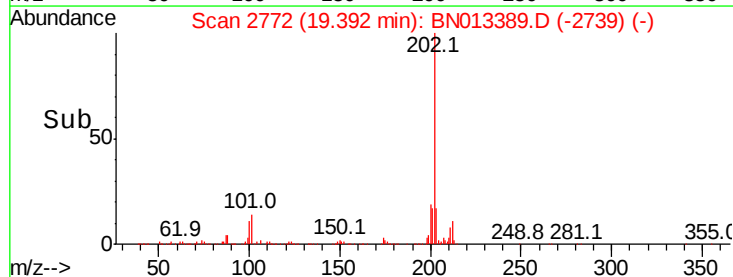
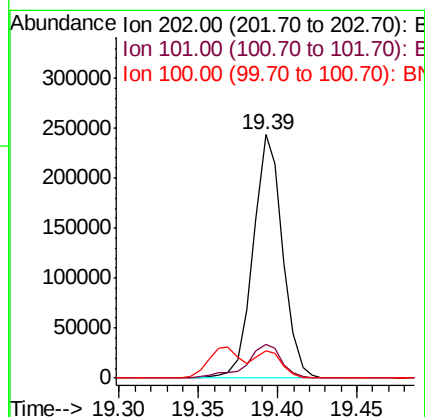
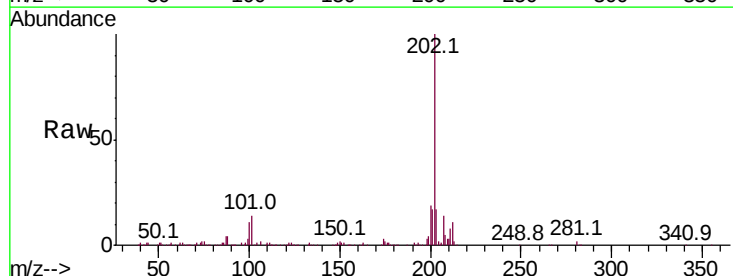
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-06

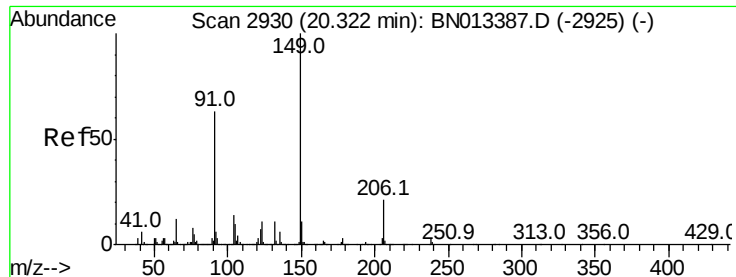
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.0	13.6
100	10.0	6.8	10.2



#82
Pyrene
Concen: 2.561 ng/ul
RT: 19.39 min Scan# 2772
Delta R.T. -0.01 min
Lab File: BN013389.D
Acq: 12 Jan 2021 10:37

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

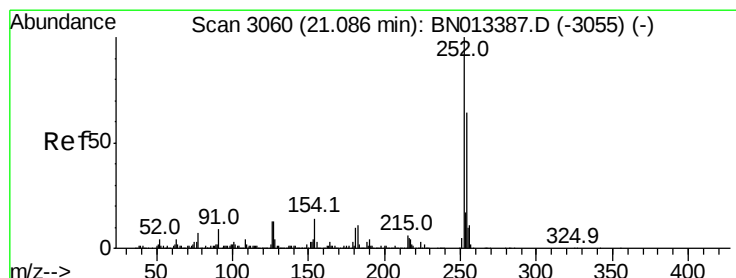
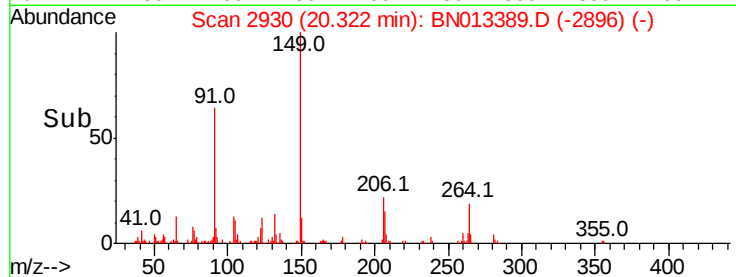
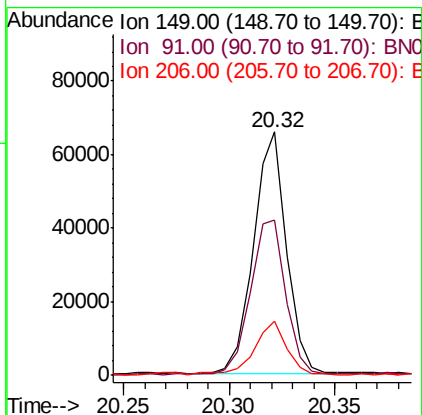
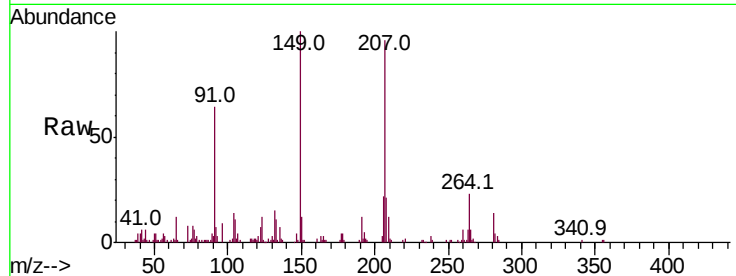




#83
Butylbenzylphthalate
Concen: 1.348 ng/ul
RT: 20.32 min Scan# 2930
Delta R.T. -0.00 min
Lab File: BN013389.D
Acq: 12 Jan 2021 10:37

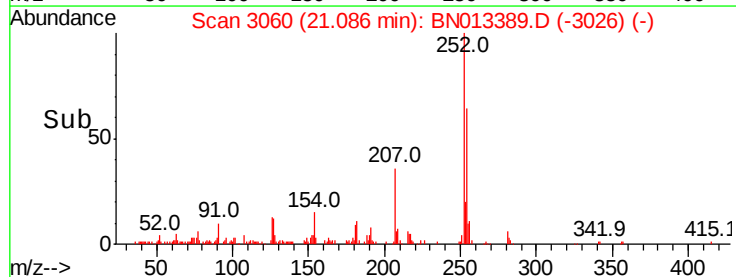
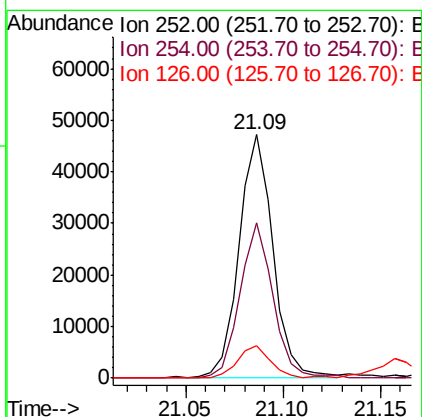
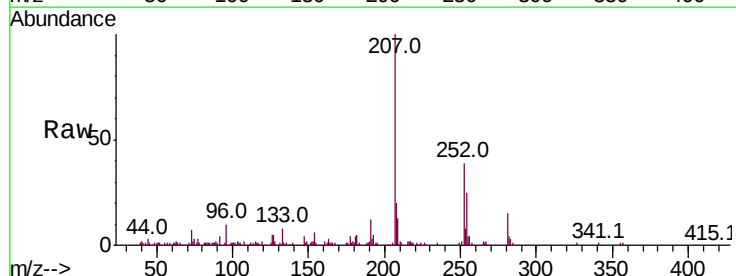
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-06

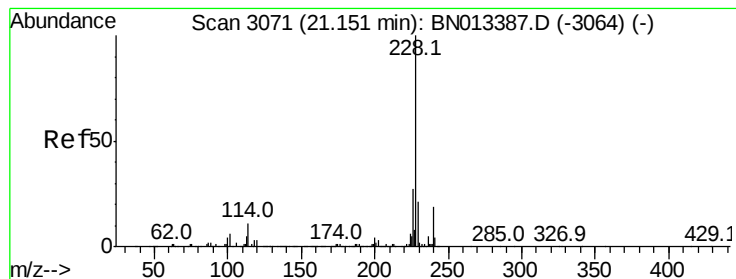
Tot Ion:149 Resp: 71134
Ion Ratio Lower Upper
149 100
91 64.0 50.2 75.4
206 22.1 17.0 25.6



#84
3,3'-Dichlorobenzidine
Concen: 1.734 ng/ul
RT: 21.09 min Scan# 3060
Delta R.T. -0.00 min
Lab File: BN013389.D
Acq: 12 Jan 2021 10:37

Tgt Ion:252 Resp: 56984
Ion Ratio Lower Upper
252 100
254 63.9 51.7 77.5
126 13.2 10.2 15.2





#85

Benzo(a)anthracene

Concen: 2.430 ng/ul

RT: 21.15 min Scan# 3070

Delta R.T. -0.01 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-06

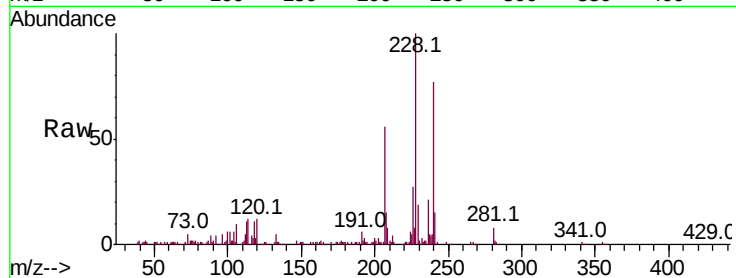
Tot Ion:228 Resp: 278716

Ion Ratio Lower Upper

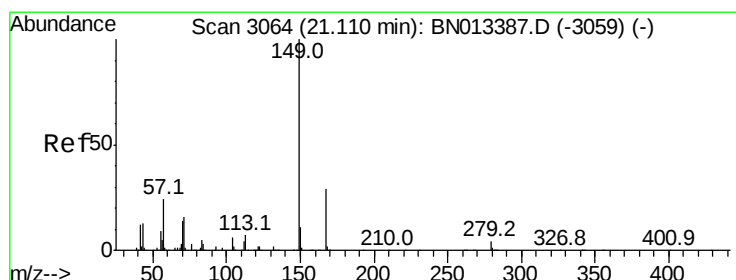
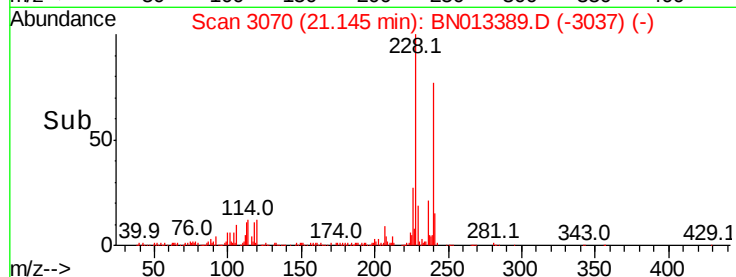
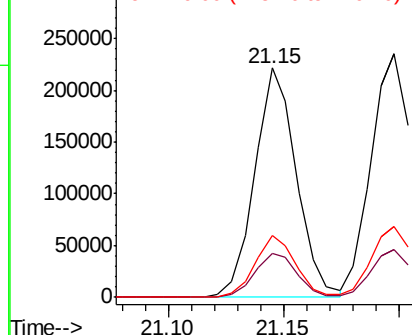
228 100

229 19.1 15.5 23.3

226 27.2 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: 1.340 ng/ul

RT: 21.11 min Scan# 3064

Delta R.T. -0.00 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

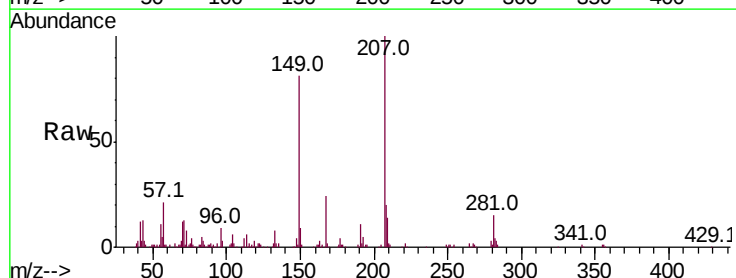
Tgt Ion:149 Resp: 104709

Ion Ratio Lower Upper

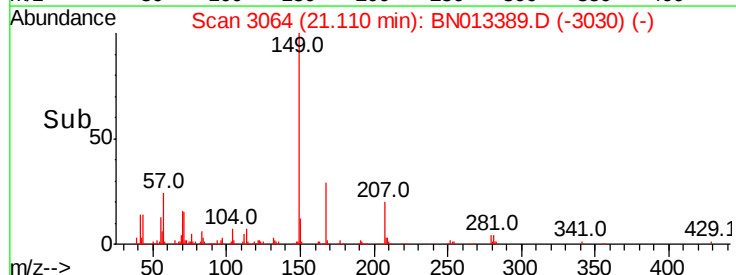
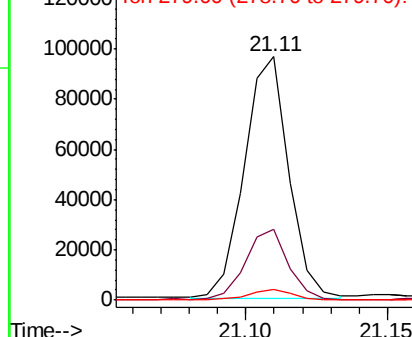
149 100

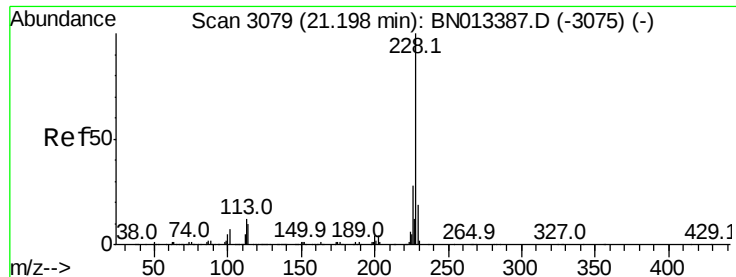
167 29.0 22.0 33.0

279 4.3 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: 2.597 ng/ul

RT: 21.20 min Scan# 3079

Delta R.T. -0.00 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-06

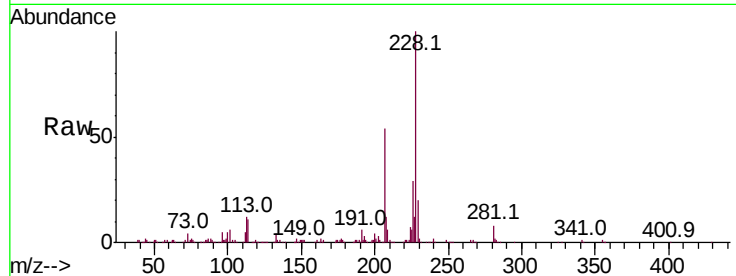
Tot Ion:228 Resp: 291734

Ion Ratio Lower Upper

228 100

226 28.9 23.1 34.7

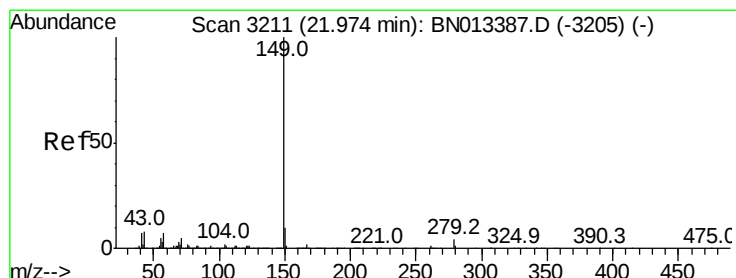
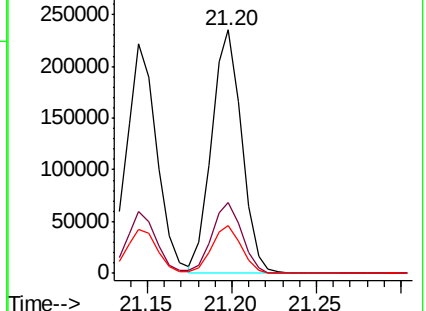
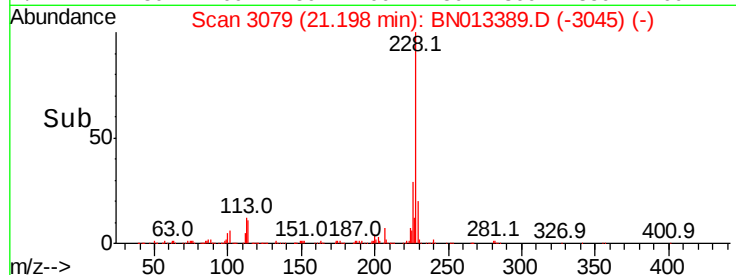
229 19.5 15.4 23.0



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: 1.483 ng/ul

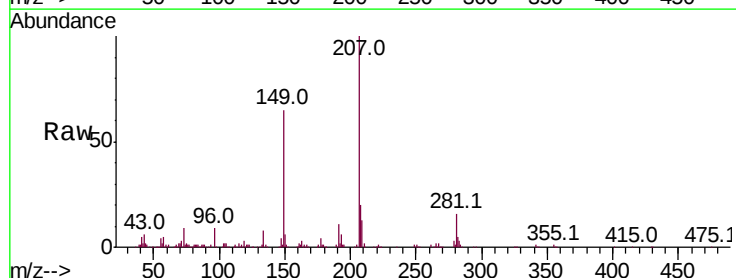
RT: 21.97 min Scan# 3211

Delta R.T. -0.00 min

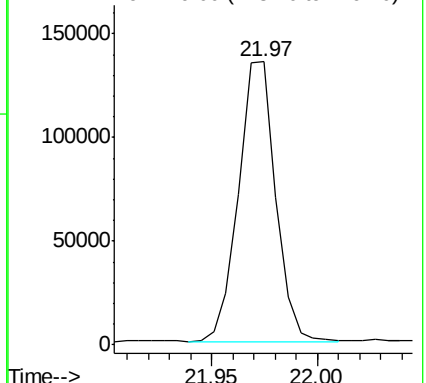
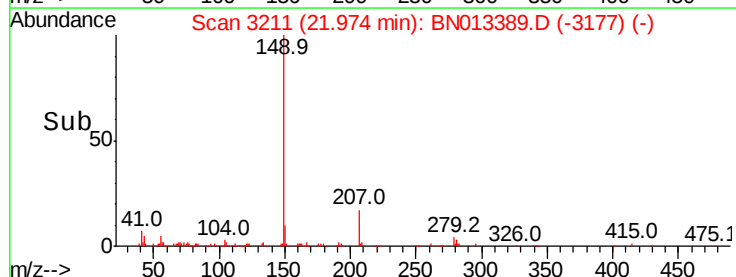
Lab File: BN013389.D

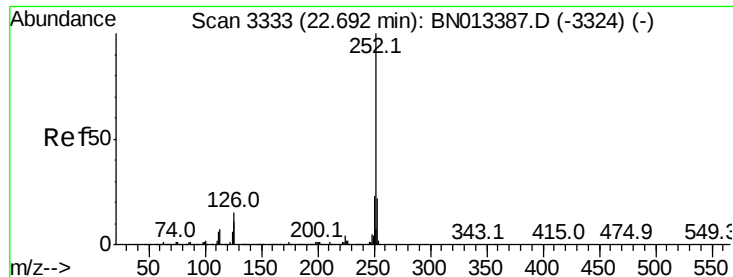
Acq: 12 Jan 2021 10:37

Tgt Ion:149 Resp: 164375



Abundance Ion 149.00 (148.70 to 149.70): E





#90

Benzo(b)fluoranthene

Concen: 2.564 ng/ul

RT: 22.69 min Scan# 3332

Delta R.T. -0.01 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-06

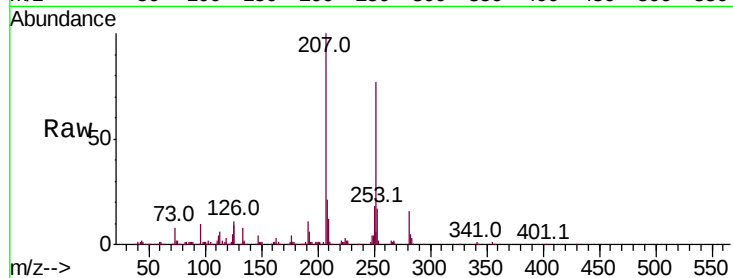
Tot Ion:252 Resp: 291392

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

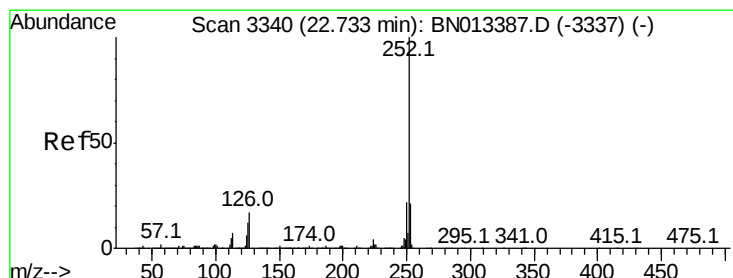
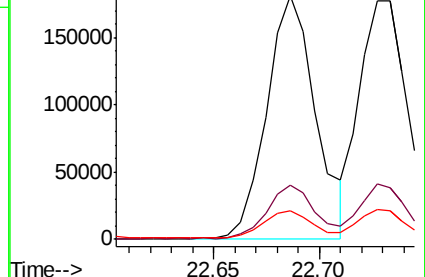
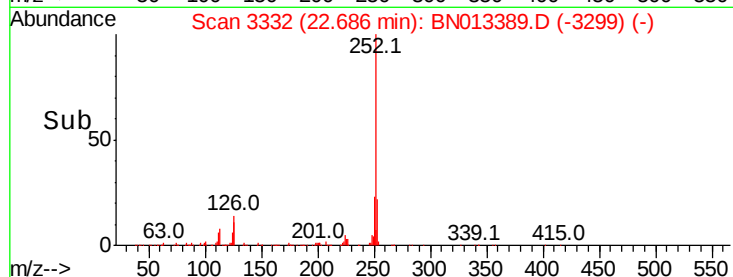
125 11.8 8.9 13.3



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: 2.600 ng/ul

RT: 22.73 min Scan# 3340

Delta R.T. -0.00 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

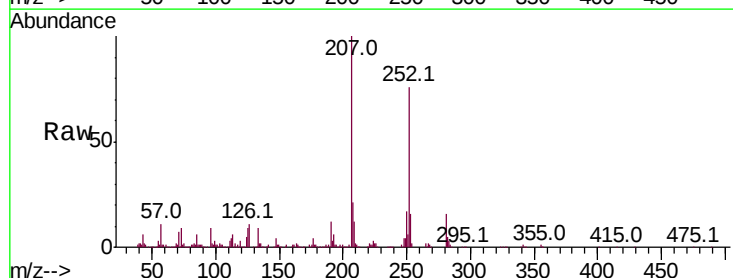
Tgt Ion:252 Resp: 281389

Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.6

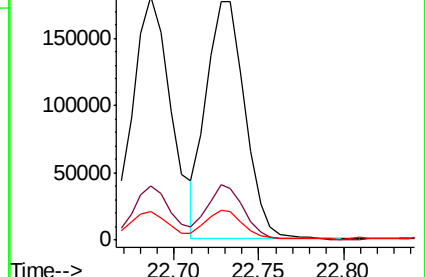
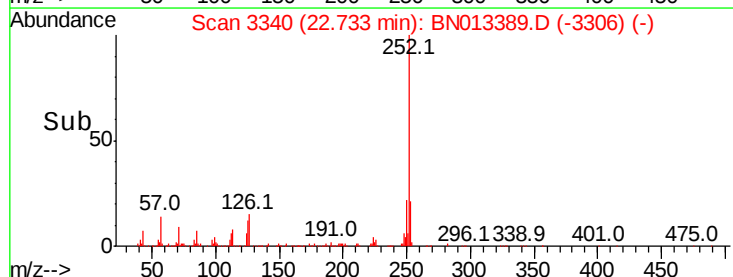
125 12.0 9.0 13.6

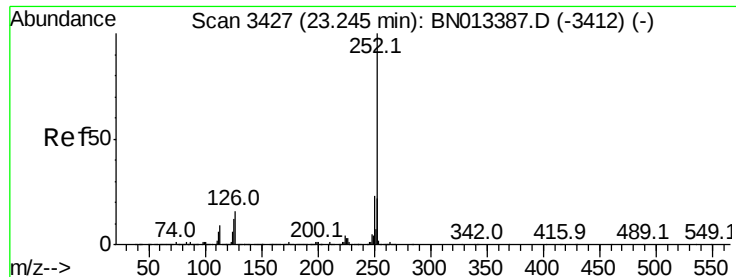


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#93

Benzo(a)pyrene

Concen: 2.711 ng/ul

RT: 23.24 min Scan# 3426

Delta R.T. -0.01 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

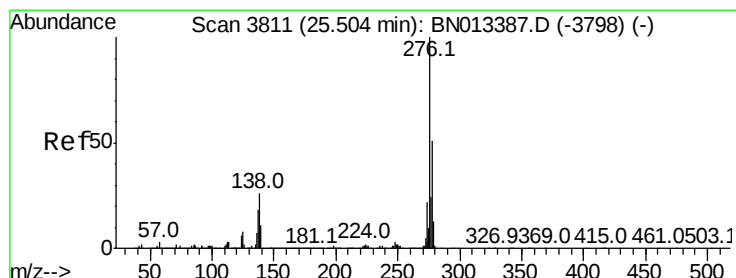
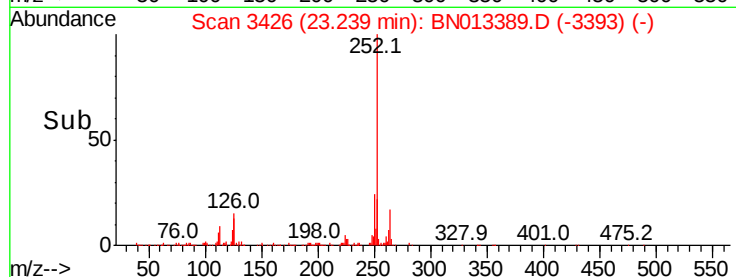
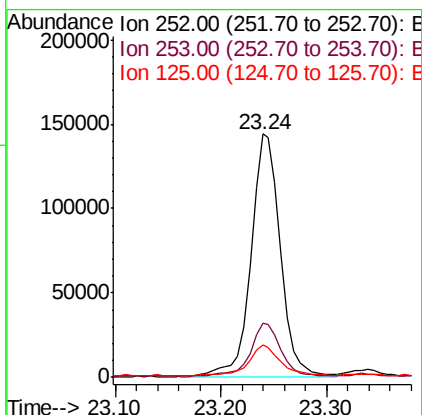
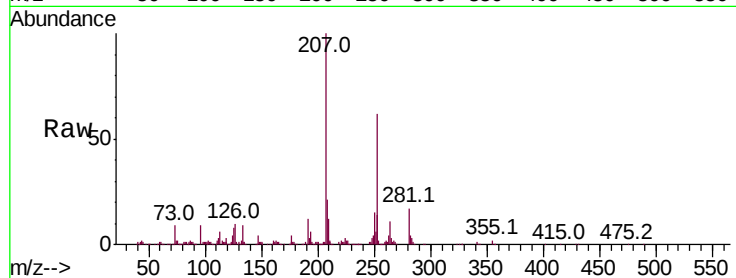
Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-06

Tot Ion:	252	Resp:	279335
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	13.6	9.6	14.4



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.490 ng/ul

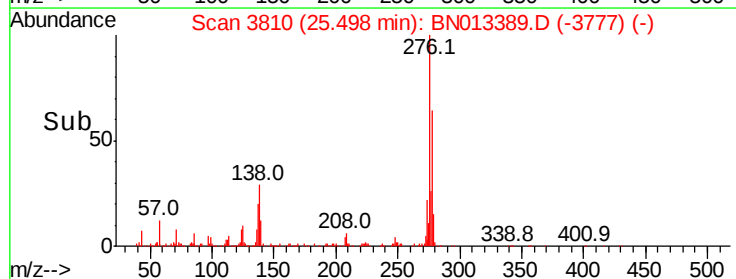
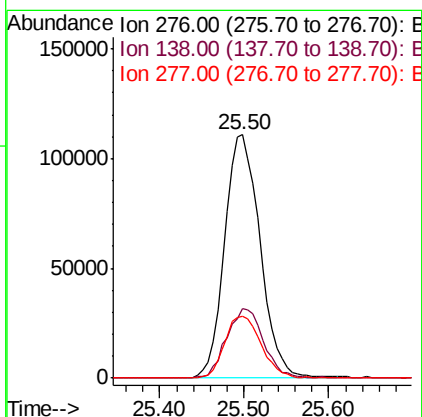
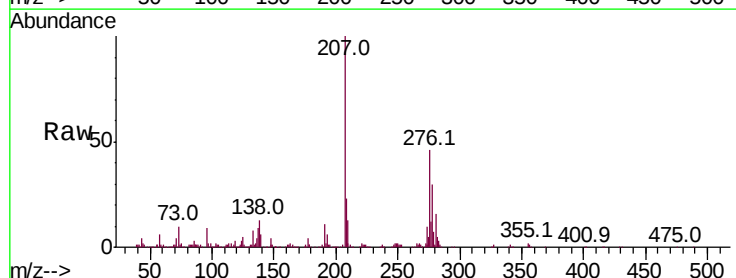
RT: 25.50 min Scan# 3810

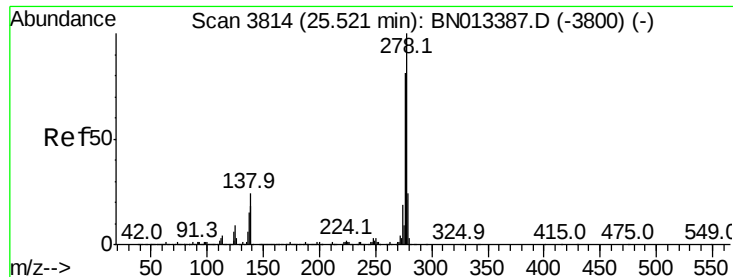
Delta R.T. -0.01 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

Tgt Ion:	276	Resp:	321239
Ion	Ratio	Lower	Upper
276	100		
138	28.5	20.2	30.2
277	25.5	19.0	28.4





#95

Dibenzo(a,h)anthracene

Concen: 2.512 ng/ul

RT: 25.52 min Scan# 3813

Delta R.T. -0.01 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-06

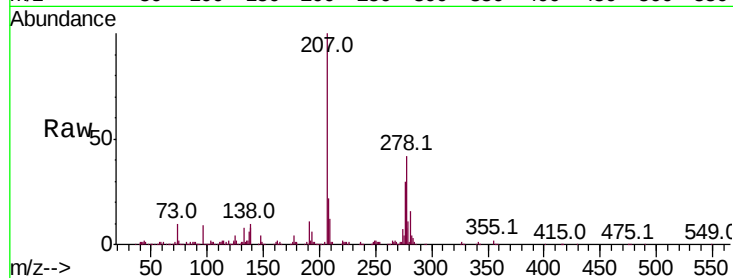
Tot Ion:278 Resp: 271678

Ion Ratio Lower Upper

278 100

139 18.1 13.8 20.6

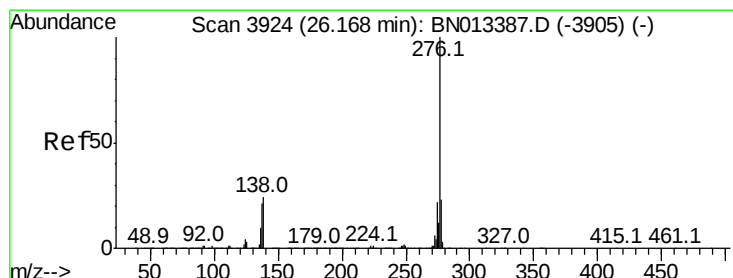
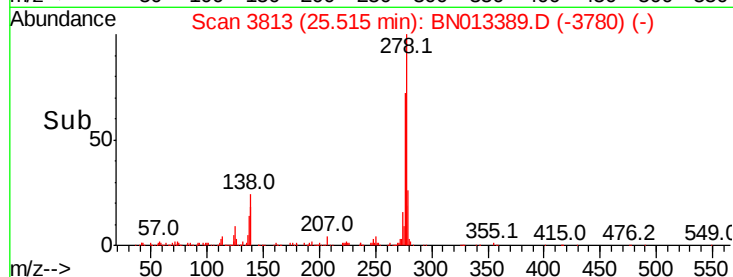
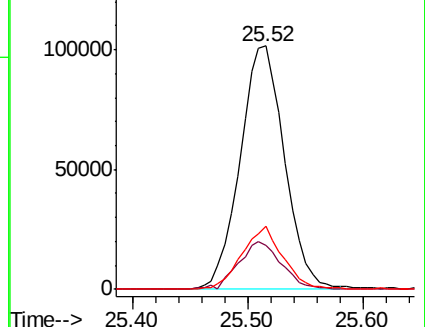
279 25.9 18.4 27.6



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: 2.405 ng/ul

RT: 26.15 min Scan# 3921

Delta R.T. -0.02 min

Lab File: BN013389.D

Acq: 12 Jan 2021 10:37

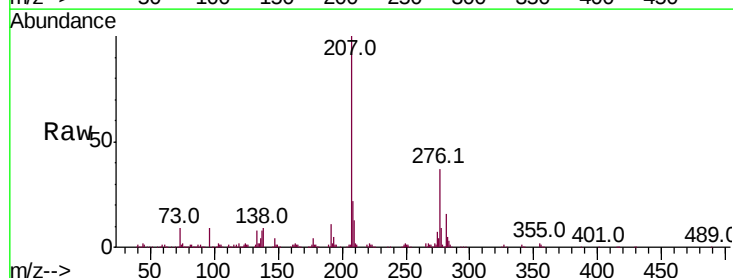
Tgt Ion:276 Resp: 262995

Ion Ratio Lower Upper

276 100

138 23.7 19.4 29.0

277 23.8 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

