

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
 Data File : BN002151.D
 Acq On : 26 Jul 2018 00:12
 Operator : JU/SJ
 Sample : J3762-03
 Misc : MDL 8 PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2018

Quant Time: Jul 26 05:04:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN072518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 20:08:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	220988	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	893343	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	515560	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	1087928	20.00	ng	0.00
75) Chrysene-d12	21.27	240	942300	20.00	ng	0.00
86) Perylene-d12	23.49	264	871729	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	1706342	124.31	ng	0.00
7) Phenol-d6	6.88	99	2304235	119.62	ng	0.00
23) Nitrobenzene-d5	8.84	82	1535254	88.13	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	835070	124.73	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	3439275	86.89	ng	0.00
78) Terphenyl-d14	19.71	244	4916932	108.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	38022	7.378	ng	# 76
3) Pyridine	3.67	79	105603	7.075	ng	# 69
4) n-Nitrosodimethylamine	3.59	42	49320	7.703	ng	# 72
6) Aniline	7.03	93	150727	6.406	ng	97
8) 2-Chlorophenol	7.26	128	116953	7.347	ng	96
9) Benzaldehyde	6.85	77	104218	8.785	ng	87
10) Phenol	6.90	94	154559	7.828	ng	97
11) bis(2-Chloroethyl)ether	7.13	93	108674	6.762	ng	95
12) 1,3-Dichlorobenzene	7.58	146	130984	7.220	ng	98
13) 1,4-Dichlorobenzene	7.73	146	132076	7.116	ng	97
14) 1,2-Dichlorobenzene	8.04	146	126835	7.084	ng	96
15) Benzyl Alcohol	7.93	79	87000	5.985	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.22	45	187537	7.226	ng	90
17) 2-Methylphenol	8.13	107	99196	7.359	ng	95
18) Hexachloroethane	8.76	117	47874	7.048	ng	93
19) n-Nitroso-di-n-propylamine	8.49	70	94231	6.744	ng	# 97
20) 3+4-Methylphenols	8.46	107	134872	7.171	ng	98
22) Acetophenone	8.50	105	182503	7.879	ng	# 96
24) Nitrobenzene	8.88	77	142160	7.874	ng	98
25) Isophorone	9.40	82	245359	8.203	ng	# 95
26) 2-Nitrophenol	9.59	139	58027	6.654	ng	99
27) 2,4-Dimethylphenol	9.65	122	103783	8.557	ng	96
28) bis(2-Chloroethoxy)methane	9.89	93	152698	7.903	ng	96
29) 2,4-Dichlorophenol	10.12	162	106481	7.529	ng	93
30) 1,2,4-Trichlorobenzene	10.33	180	120970	7.552	ng	98
31) Naphthalene	10.52	128	374000	8.295	ng	97
32) Benzoic acid	9.74	122	45937	4.464	ng	96
33) 4-Chloroaniline	10.63	127	122151	6.089	ng	96
34) Hexachlorobutadiene	10.80	225	72070	7.348	ng	96
35) Caprolactam	11.38	113	31912	6.612	ng	# 66
36) 4-Chloro-3-methylphenol	11.76	107	120314	7.481	ng	97
37) 2-Methylnaphthalene	12.13	142	275608	8.668	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	130601	7.534	ng	97
40) Hexachlorocyclopentadiene	12.48	237	76427	7.806	ng	94

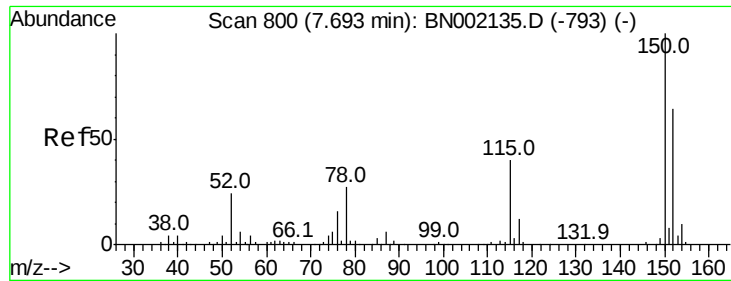
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	85136	7.320	ng	96
43) 2,4,5-Trichlorophenol	12.82	196	90358	7.334	ng	98
45) 1,1'-Biphenyl	13.15	154	350675	7.730	ng	97
46) 2-Chloronaphthalene	13.19	162	265402	7.579	ng	98
47) 2-Nitroaniline	13.40	65	79721	7.075	ng	96
48) Acenaphthylene	14.04	152	437426	8.232	ng	97
49) Dimethylphthalate	13.78	163	335411	7.832	ng	99
50) 2,6-Dinitrotoluene	13.90	165	71003	7.463	ng	96
51) Acenaphthene	14.39	154	254652	7.956	ng	99
52) 3-Nitroaniline	14.23	138	57751	5.602	ng	# 87
53) 2,4-Dinitrophenol	14.45	184	25976	5.156	ng	95
54) Dibenzofuran	14.72	168	410609	7.912	ng	96
55) 4-Nitrophenol	14.55	139	51217	6.471	ng	92
56) 2,4-Dinitrotoluene	14.69	165	92956	7.199	ng	89
57) Fluorene	15.37	166	325534	8.322	ng	98
58) 2,3,4,6-Tetrachlorophenol	14.95	232	81171	7.661	ng	95
59) Diethylphthalate	15.15	149	323524	7.422	ng	98
60) 4-Chlorophenyl-phenylether	15.37	204	162307	7.499	ng	95
61) 4-Nitroaniline	15.39	138	71124	6.768	ng	91
62) Azobenzene	15.66	77	323326	7.730	ng	98
64) 4,6-Dinitro-2-methylphenol	15.46	198	42273	5.755	ng	96
65) n-Nitrosodiphenylamine	15.59	169	278661	7.719	ng	95
66) 4-Bromophenyl-phenylether	16.26	248	96102	7.546	ng	# 90
67) Hexachlorobenzene	16.38	284	106042	7.528	ng	97
68) Atrazine	16.54	200	87743	7.219	ng	97
69) Pentachlorophenol	16.73	266	44072	4.860	ng	97
70) Phenanthrene	17.11	178	496880	8.367	ng	98
71) Anthracene	17.20	178	490985	8.353	ng	98
72) Carbazole	17.47	167	429376	7.280	ng	96
73) Di-n-butylphthalate	18.05	149	478263	6.952	ng	99
74) Fluoranthene	19.13	202	511103	7.927	ng	99
76) Benzidine	19.32	184	139898	4.552	ng	96
77) Pyrene	19.50	202	522892	8.047	ng	99
79) Butylbenzylphthalate	20.41	149	187214	6.618	ng	92
80) Benzo(a)anthracene	21.25	228	466359	8.120	ng	97
81) 3,3'-Dichlorobenzidine	21.19	252	115702	5.171	ng	97
82) Chrysene	21.30	228	436125	7.975	ng	97
83) Bis(2-ethylhexyl)phthalate	21.19	149	267134	6.772	ng	96
84) Di-n-octyl phthalate	22.07	149	433079	6.924	ng	98
85) Indeno(1,2,3-cd)pyrene	25.72	276	446117	8.368	ng	# 95
87) Benzo(b)fluoranthene	22.83	252	431483	8.387	ng	98
88) Benzo(k)fluoranthene	22.87	252	403833	7.970	ng	# 98
89) Benzo(a)pyrene	23.40	252	391985	8.158	ng	98
90) Dibenzo(a,h)anthracene	25.73	278	376156	8.339	ng	# 96
91) Benzo(g,h,i)perylene	26.40	276	364277	8.356	ng	94

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

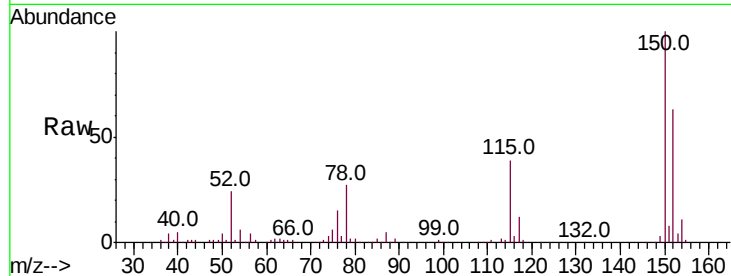


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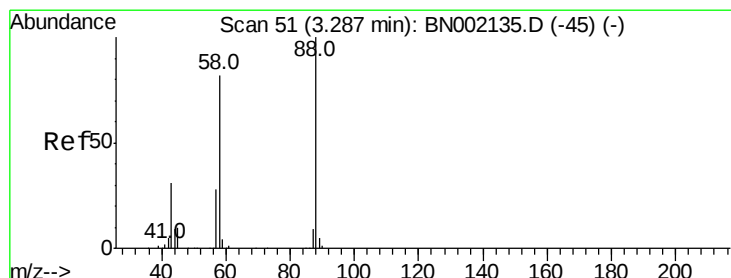
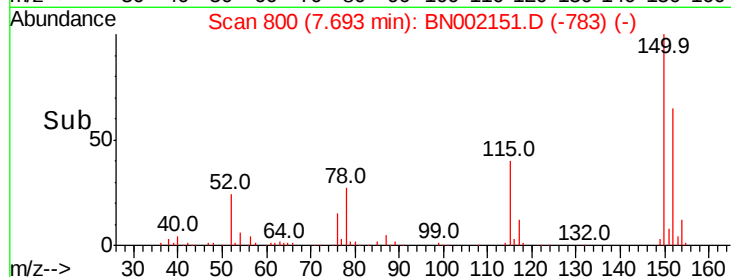
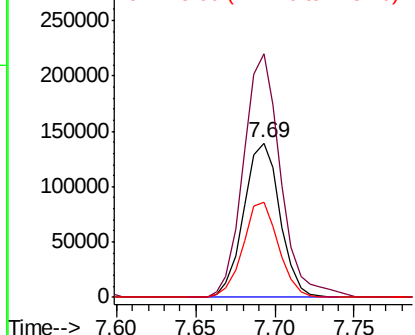
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 800
Delta R.T. -0.00 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tot Ion:152 Resp: 220988
Ion Ratio Lower Upper
152 100
150 157.5 126.6 189.8
115 61.2 53.0 79.4



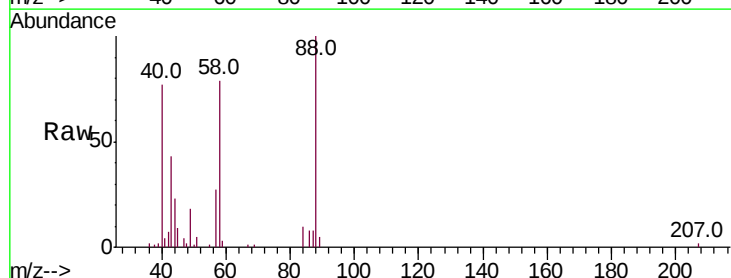
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



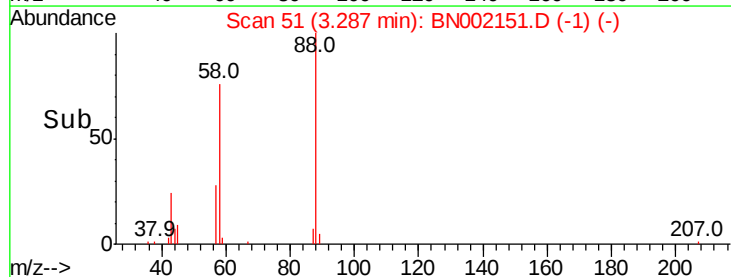
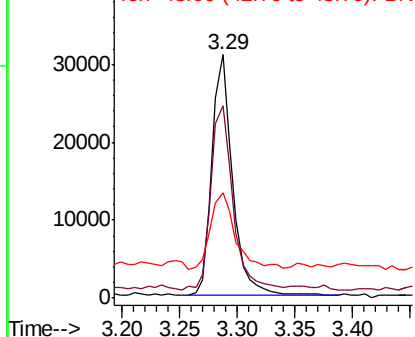
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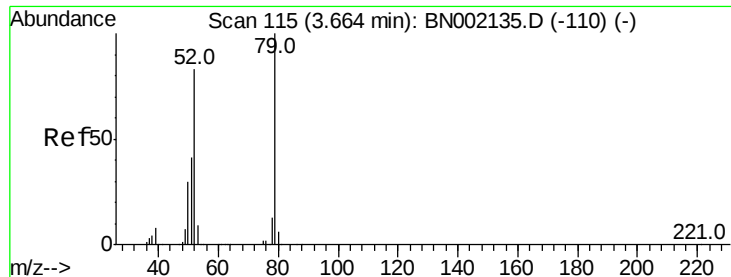
1,4-Dioxane
Concen: 7.378 ng
RT: 3.29 min Scan# 51
Delta R.T. -0.00 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

Tgt Ion: 88 Resp: 38022
Ion Ratio Lower Upper
88 100
58 82.7 52.0 78.0#
43 39.5 20.0 30.0#



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





#3

Pvridine

Concen: 7.075 ng

RT: 3.67 min Scan# 116

Delta R.T. 0.01 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2018

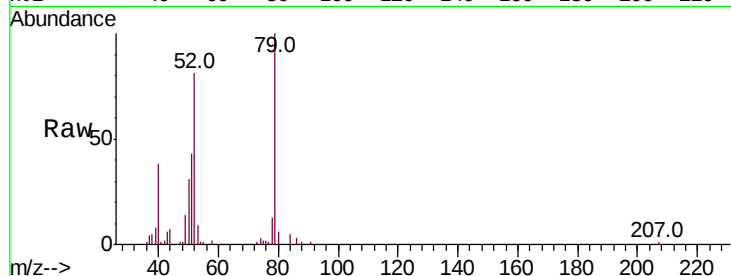
Tot Ion: 79 Resp: 105603

Ion Ratio Lower Upper

79 100

52 80.5 44.0 66.0#

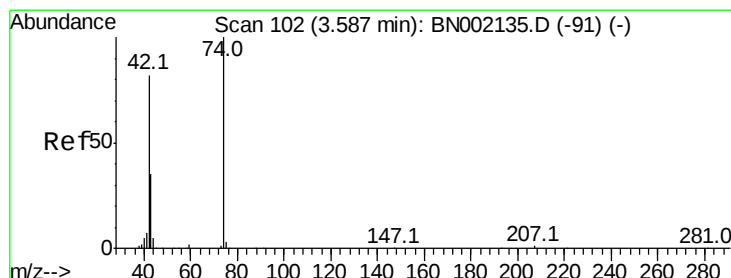
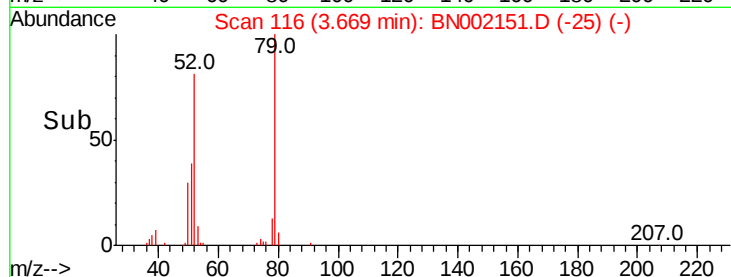
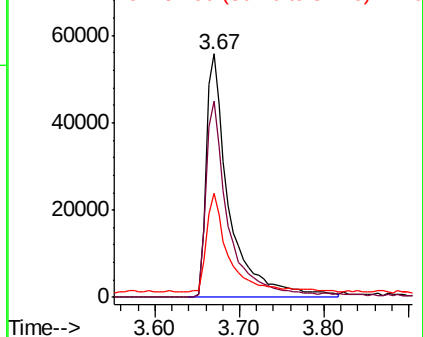
51 42.8 24.0 36.0#



Abundance Ion 79.00 (78.70 to 79.70): BNC

Ion 52.00 (51.70 to 52.70): BNC

Ion 51.00 (50.70 to 51.70): BNC



#4

n-Nitrosodimethylamine

Concen: 7.703 ng

RT: 3.59 min Scan# 102

Delta R.T. -0.00 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

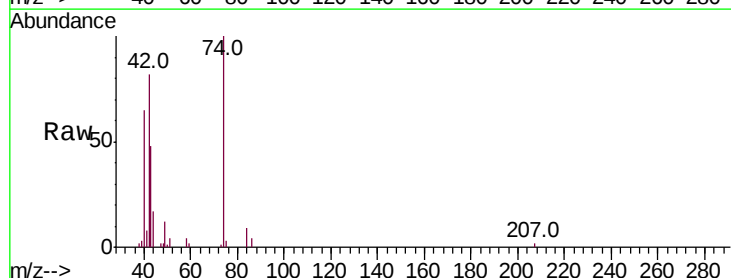
Tgt Ion: 42 Resp: 49320

Ion Ratio Lower Upper

42 100

74 121.2 128.0 192.0#

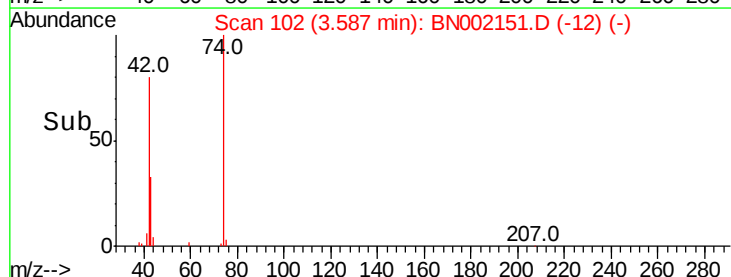
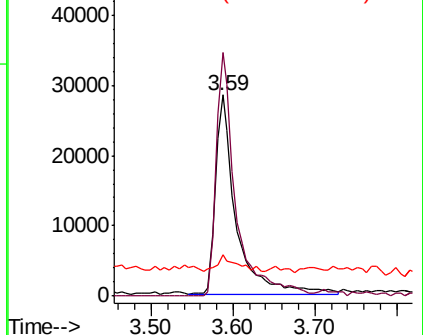
44 20.3 12.0 18.0#

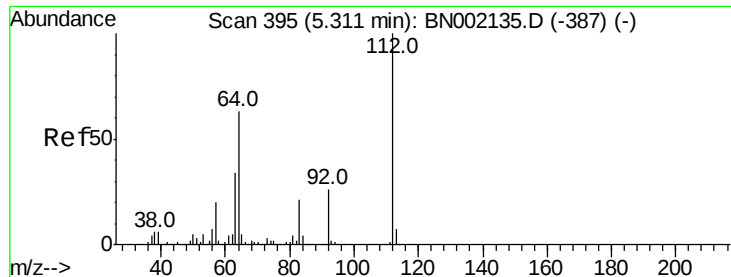


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#5

2-Fluorophenol

Concen: 124.309 ng

RT: 5.31 min Scan# 395

Delta R.T. 0.00 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2018

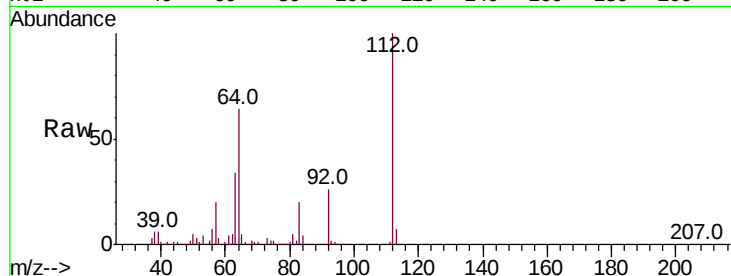
Tot Ion:112 Resp: 1706342

Ion Ratio Lower Upper

112 100

64 63.7 56.3 84.5

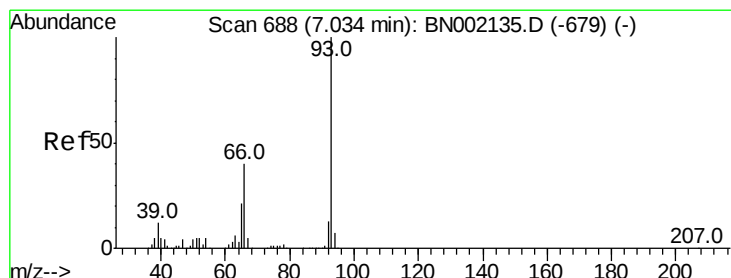
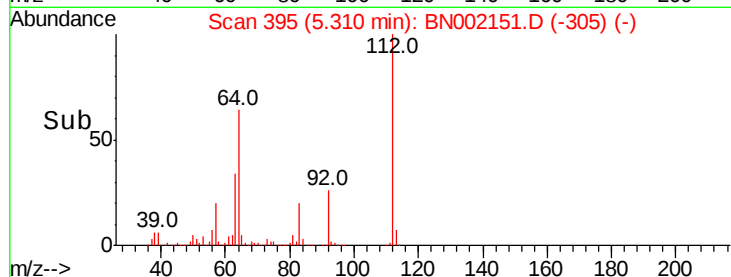
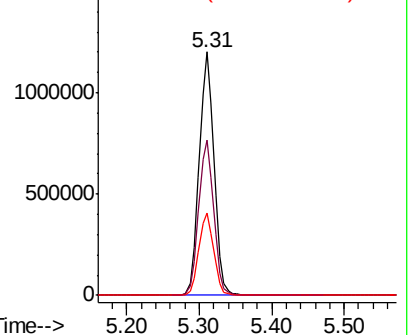
63 33.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 6.406 ng

RT: 7.03 min Scan# 687

Delta R.T. -0.01 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

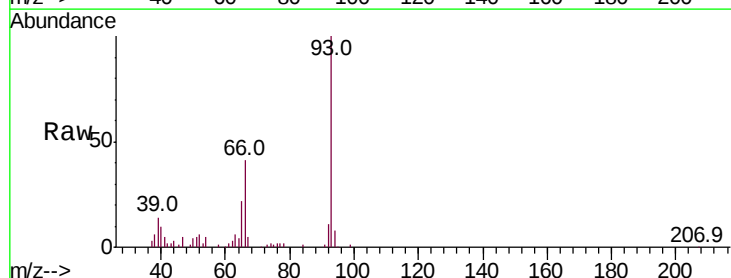
Tgt Ion: 93 Resp: 150727

Ion Ratio Lower Upper

93 100

66 41.1 33.7 50.5

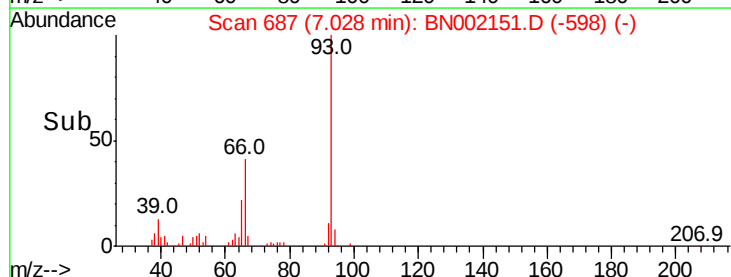
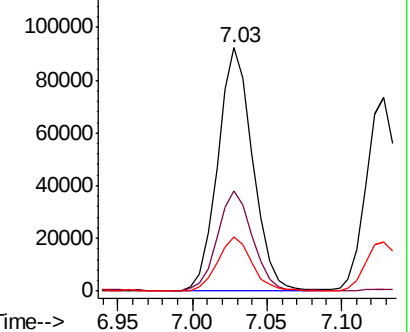
65 22.5 16.1 24.1

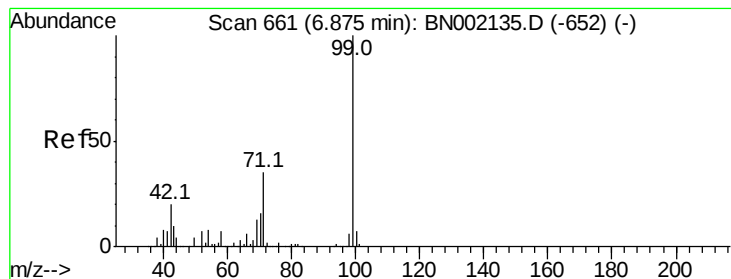


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 119.621 ng

RT: 6.88 min Scan# 661

Delta R.T. -0.00 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

Instrument :

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ClientSampleId :

MDL-SOIL-03-QT3-2018

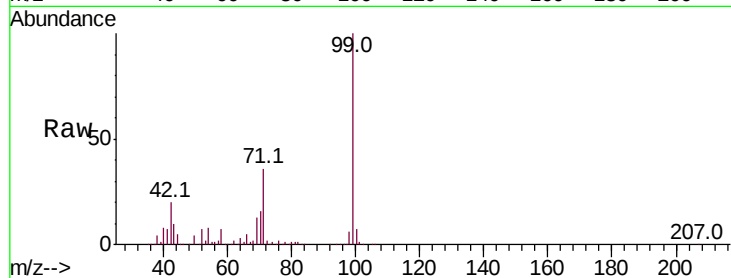
Tot Ion: 99 Resp: 2304235

Ion Ratio Lower Upper

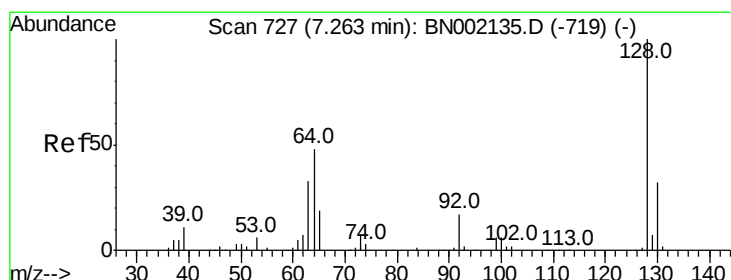
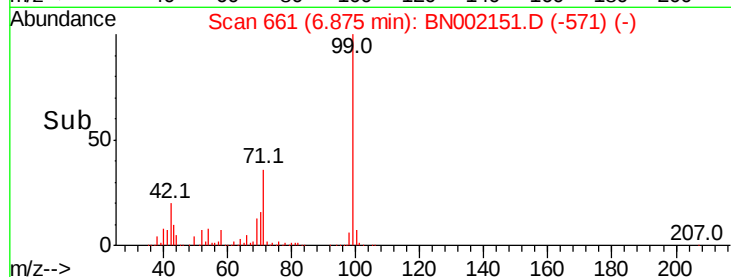
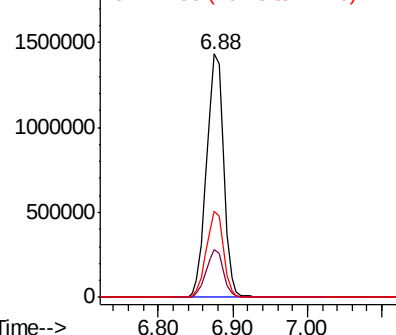
99 100

42 19.6 14.1 21.1

71 35.5 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC



#8

2-Chlorophenol

Concen: 7.347 ng

RT: 7.26 min Scan# 727

Delta R.T. -0.00 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

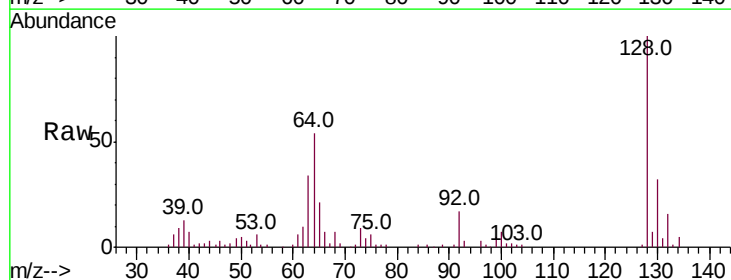
Tgt Ion:128 Resp: 116953

Ion Ratio Lower Upper

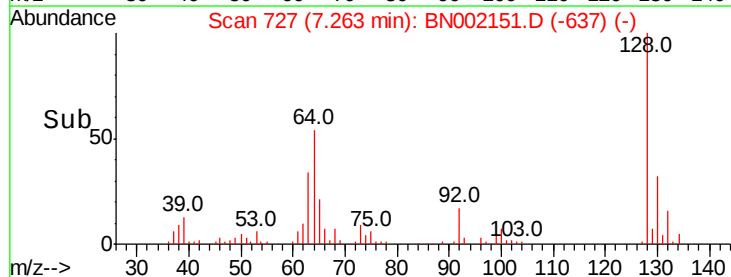
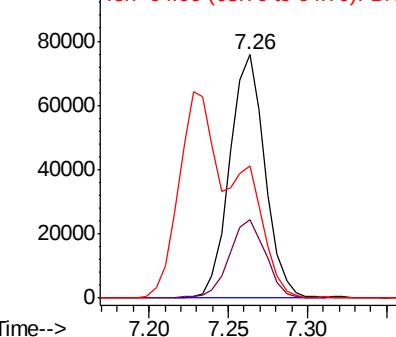
128 100

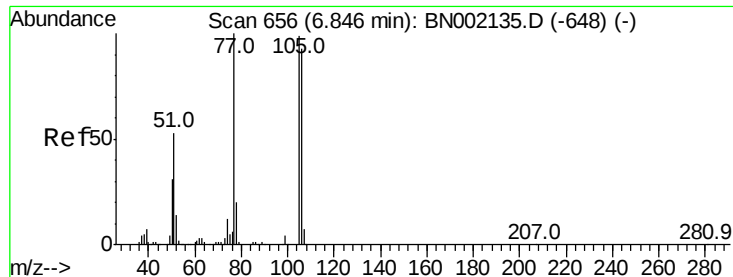
130 32.5 14.0 54.0

64 54.5 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BNC





#9

Benzaldehyde

Concen: 8.785 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.00 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2018

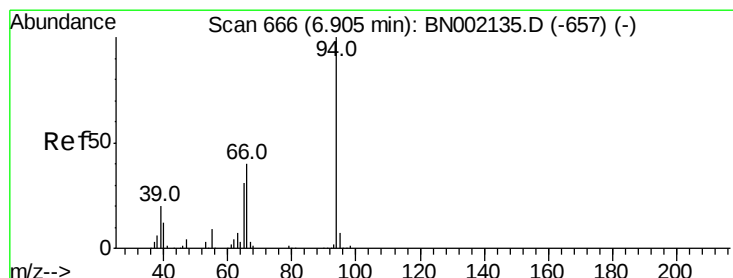
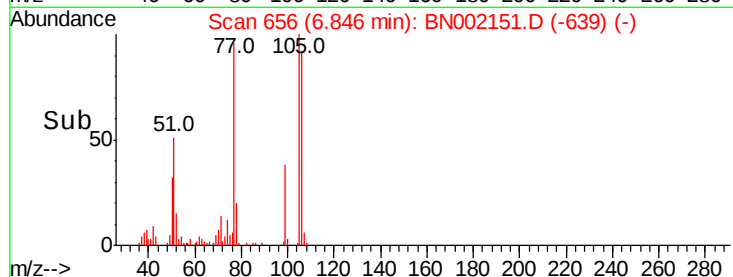
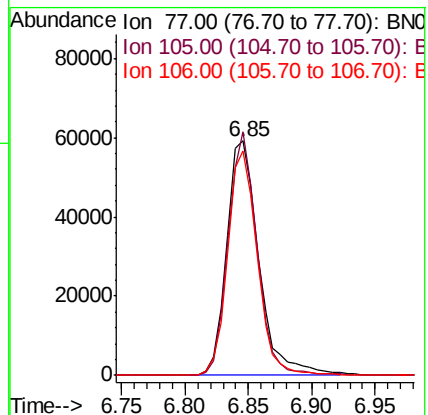
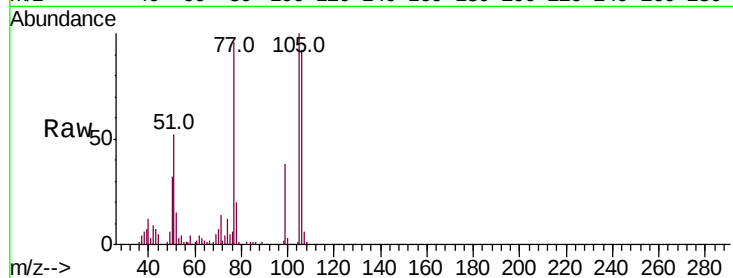
Tot Ion: 77 Resp: 104218

Ion Ratio Lower Upper

77 100

105 103.9 71.3 111.3

106 95.6 64.2 104.2



#10

Phenol

Concen: 7.828 ng

RT: 6.90 min Scan# 665

Delta R.T. -0.01 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

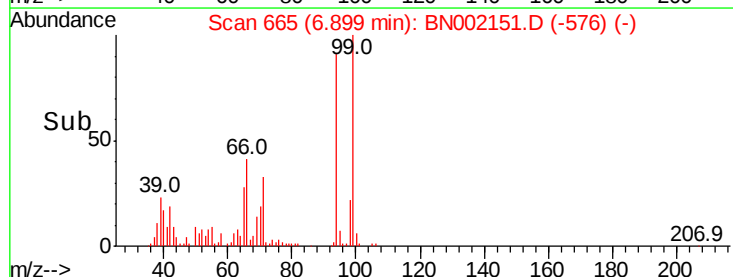
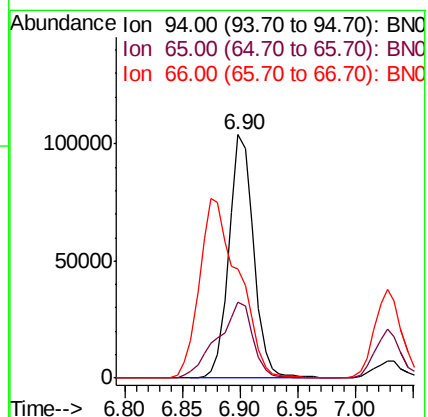
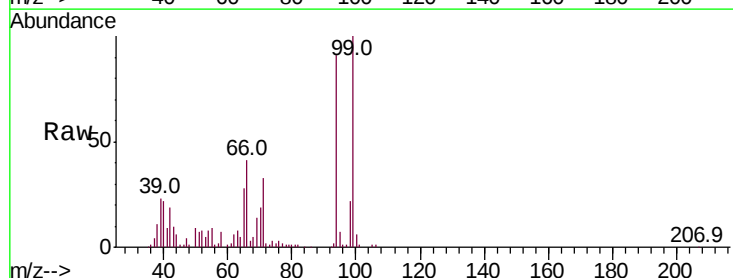
Tgt Ion: 94 Resp: 154559

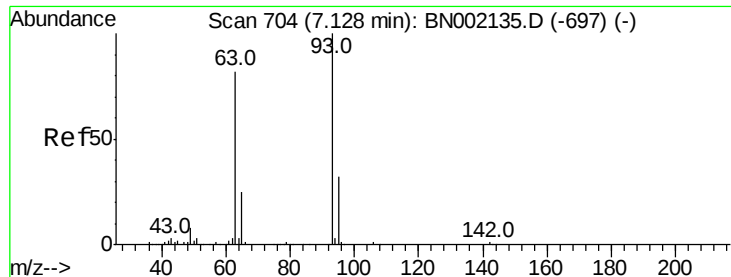
Ion Ratio Lower Upper

94 100

65 31.3 11.9 51.9

66 44.7 22.2 62.2

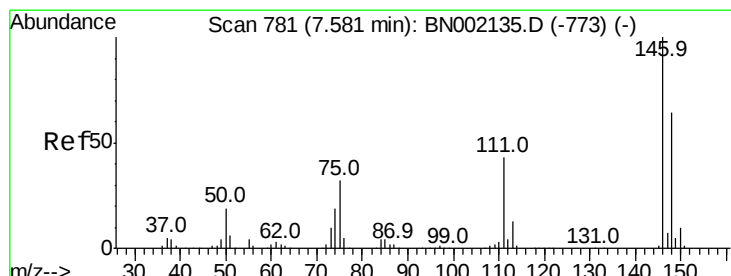
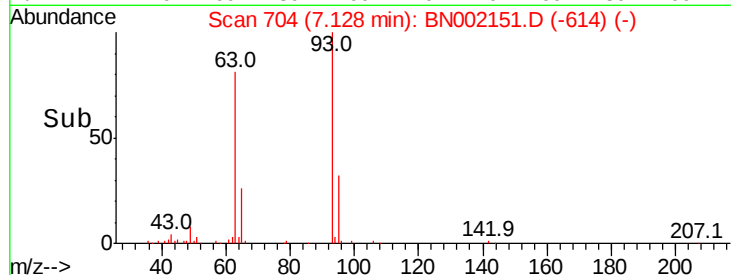
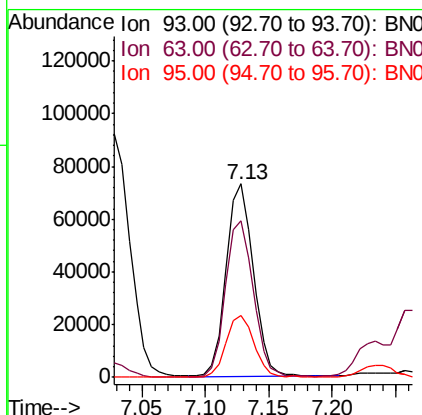
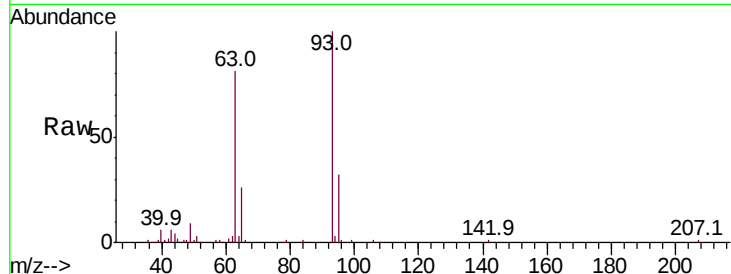




#11
bis(2-Chloroethyl)ether
Concen: 6.762 ng
RT: 7.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

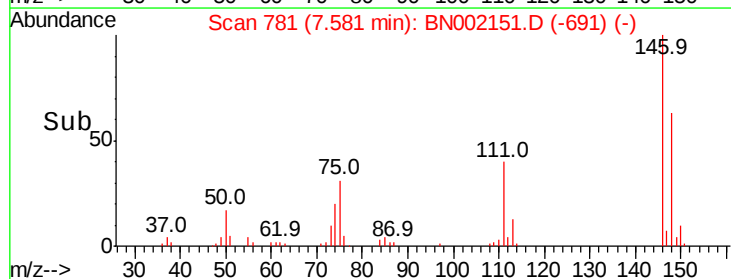
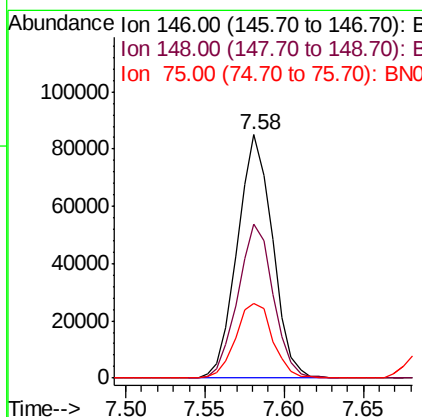
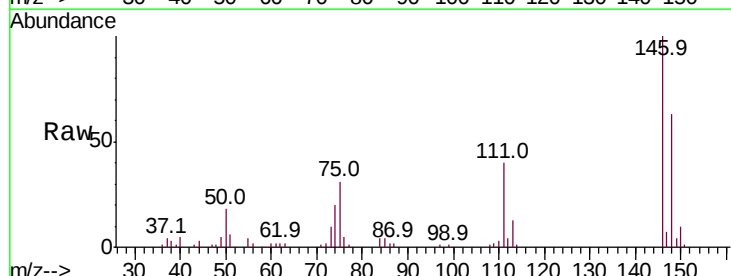
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2018

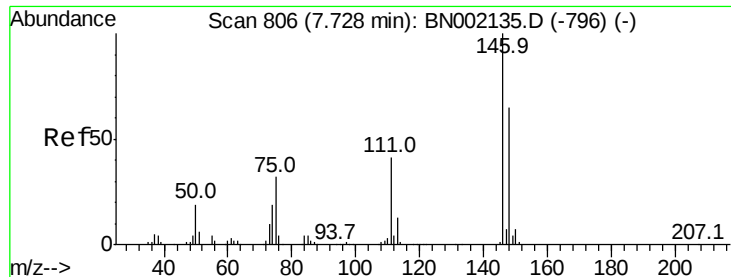
Tot Ion: 93 Resp: 108674
Ion Ratio Lower Upper
93 100
63 81.0 67.1 107.1
95 32.2 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 7.220 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.00 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

Tgt Ion: 146 Resp: 130984
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.2
75 30.7 26.6 39.8

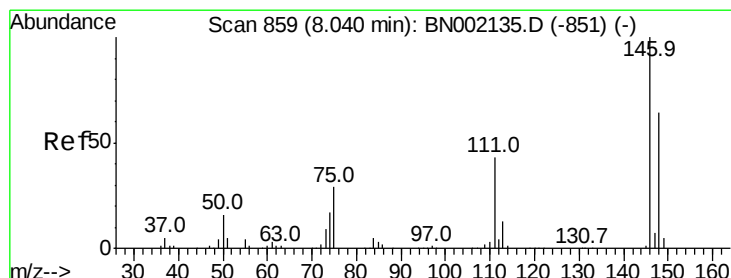
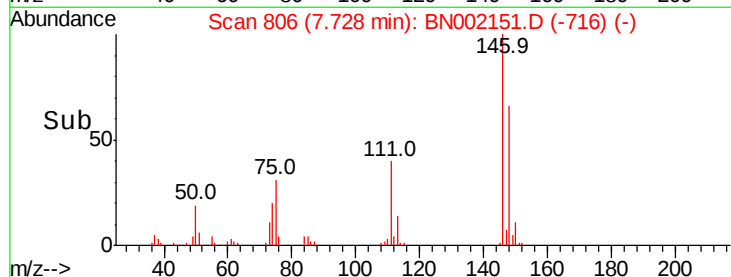
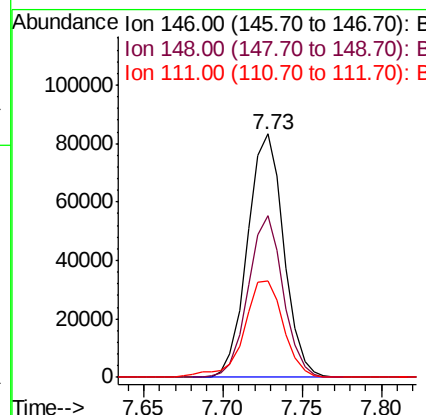
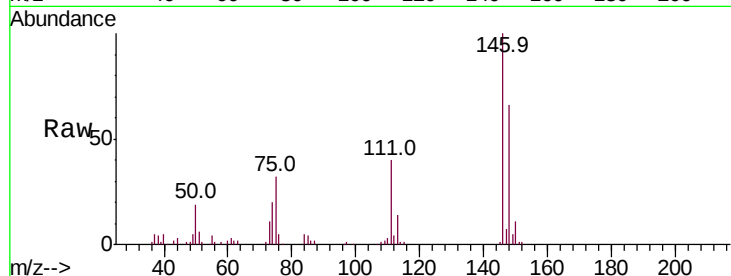




#13
 1,4-Dichlorobenzene
 Concen: 7.116 ng
 RT: 7.73 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BN002151.D
 Acq: 26 Jul 2018 00:12

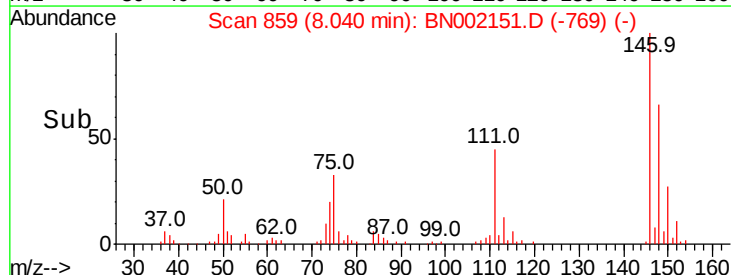
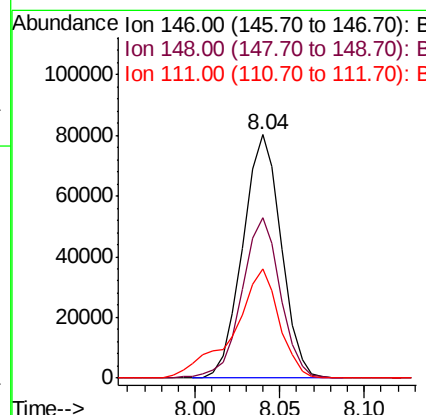
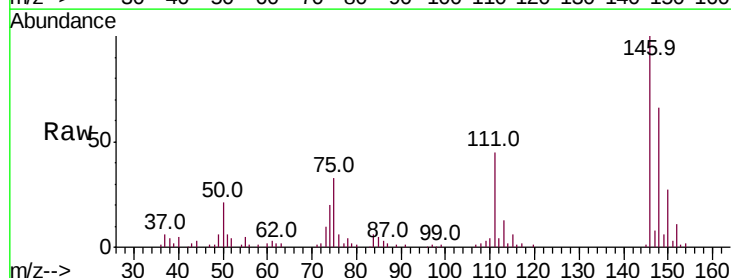
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2018

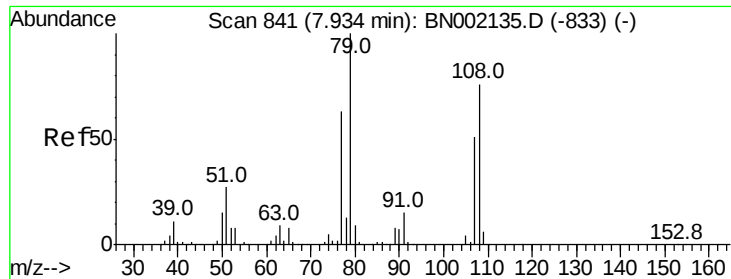
Tot Ion:146 Resp: 132076
 Ion Ratio Lower Upper
 146 100
 148 66.2 53.7 80.5
 111 39.7 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 7.084 ng
 RT: 8.04 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BN002151.D
 Acq: 26 Jul 2018 00:12

Tgt Ion:146 Resp: 126835
 Ion Ratio Lower Upper
 146 100
 148 65.6 49.3 73.9
 111 44.8 34.3 51.5





#15

Benzyl Alcohol

Concen: 5.985 ng

RT: 7.93 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2018

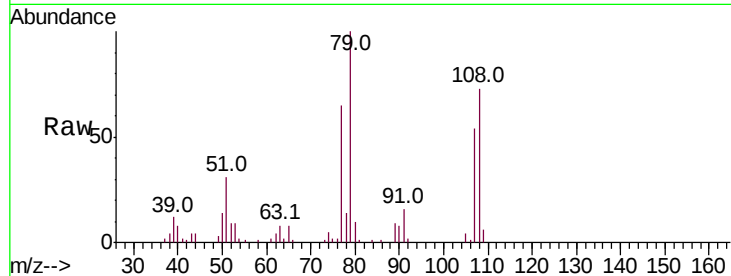
Tot Ion: 79 Resp: 87000

Ion Ratio Lower Upper

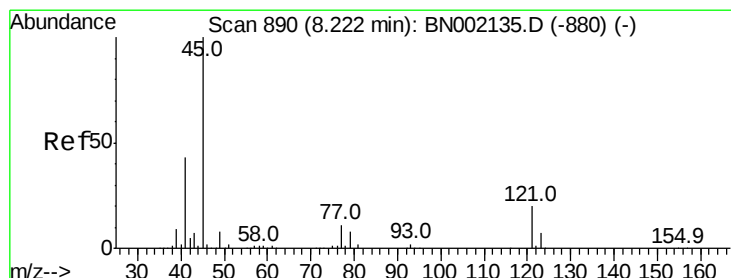
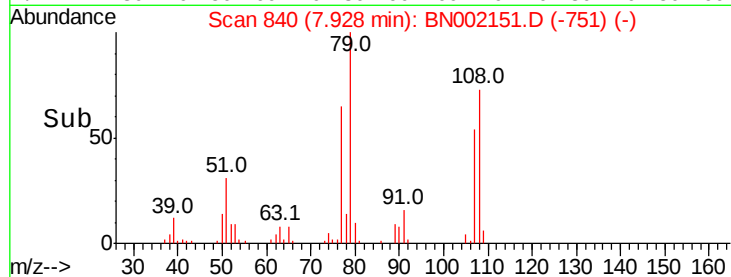
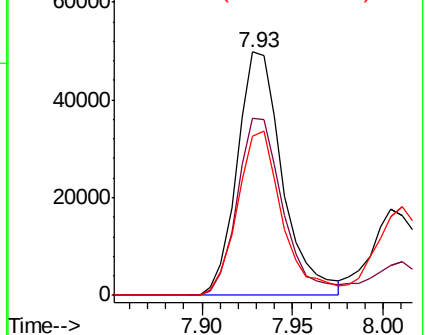
79 100

108 72.9 57.2 85.8

77 65.4 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BNC
Ion 108.00 (107.70 to 108.70): BNC
Ion 77.00 (76.70 to 77.70): BNC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 7.226 ng

RT: 8.22 min Scan# 889

Delta R.T. -0.01 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

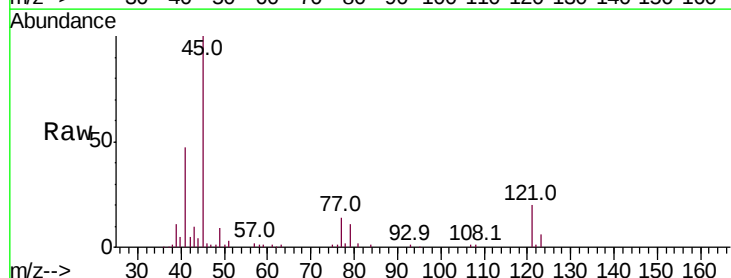
Tgt Ion: 45 Resp: 187537

Ion Ratio Lower Upper

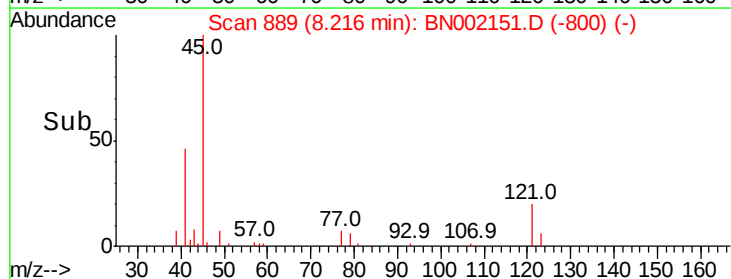
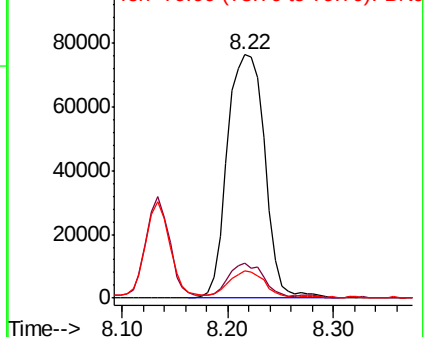
45 100

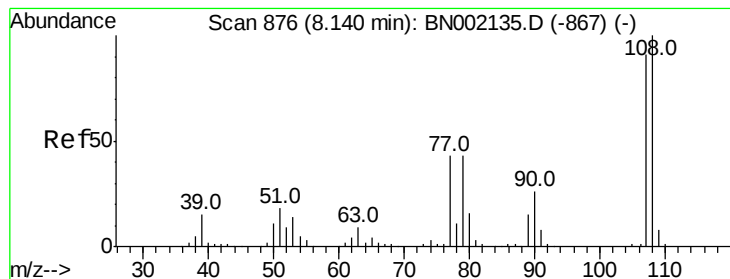
77 14.2 0.0 30.2

79 11.0 0.0 27.9



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

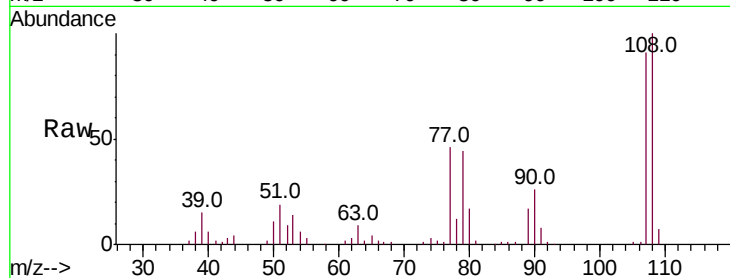




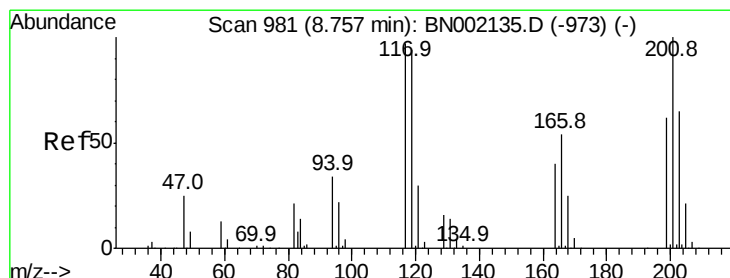
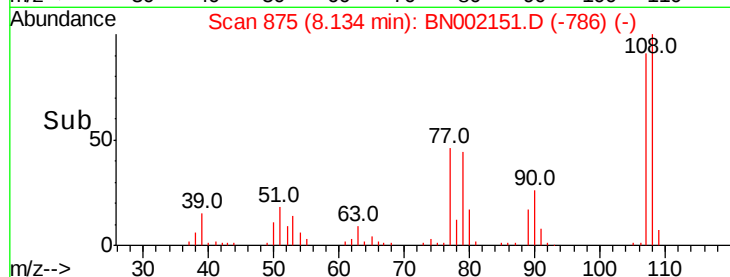
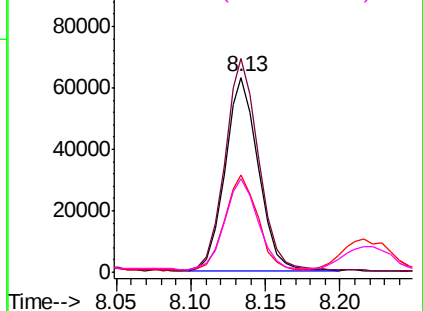
#17
2-Methylphenol
Concen: 7.359 ng
RT: 8.13 min Scan# 875
Delta R.T. -0.01 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tot Ion:	107	Resp:	99196
Ion	Ratio	Lower	Upper
107	100		
108	109.4	83.9	125.9
77	49.9	37.2	55.8
79	47.9	36.2	54.2

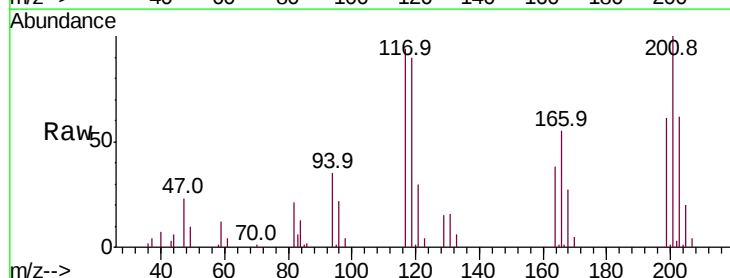


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

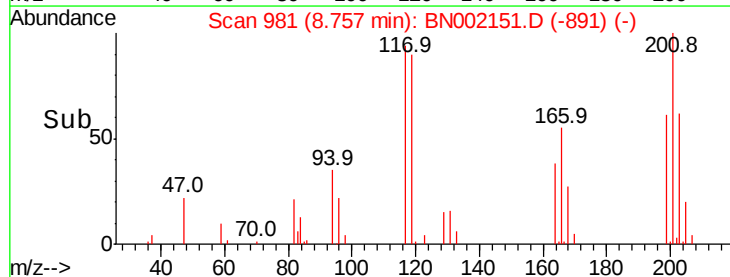
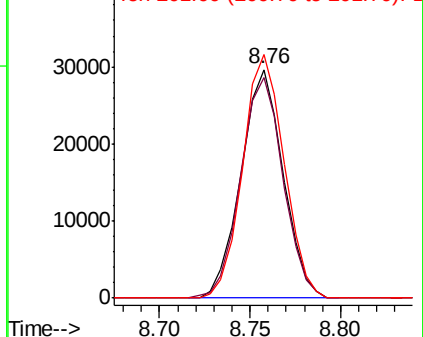


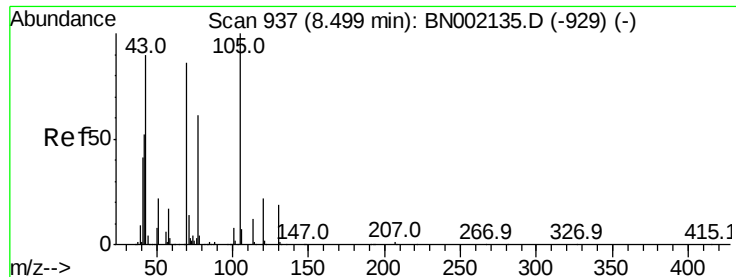
#18
Hexachloroethane
Concen: 7.048 ng
RT: 8.76 min Scan# 981
Delta R.T. -0.00 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

Tgt Ion:	117	Resp:	47874
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.7	115.1
201	106.6	95.7	143.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

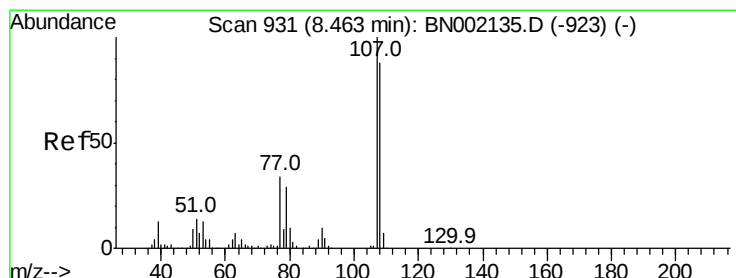
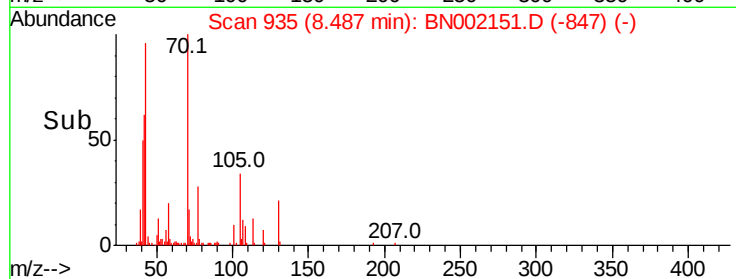
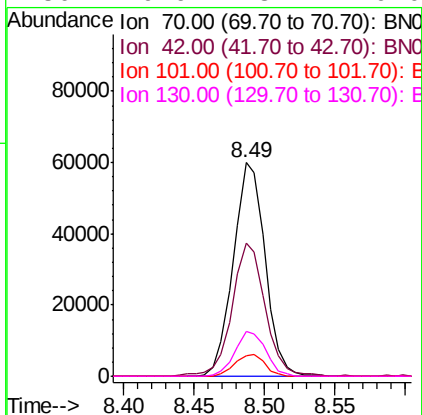
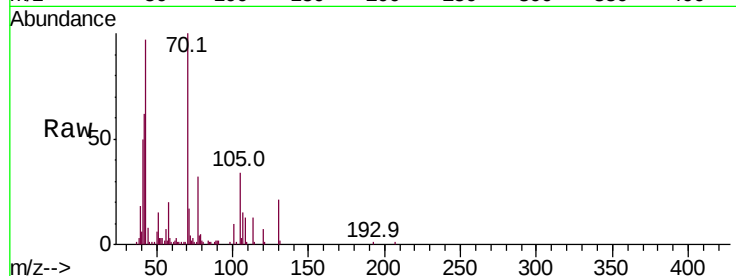




#19
n-Nitroso-di-n-propylamine
Concen: 6.744 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

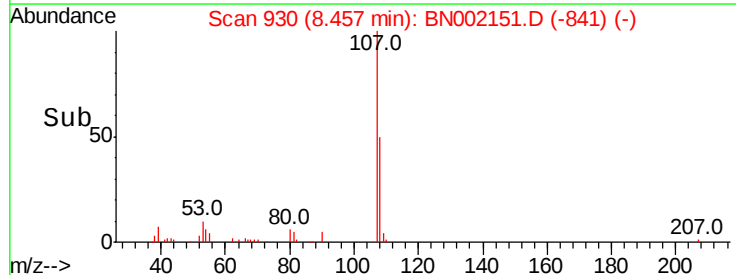
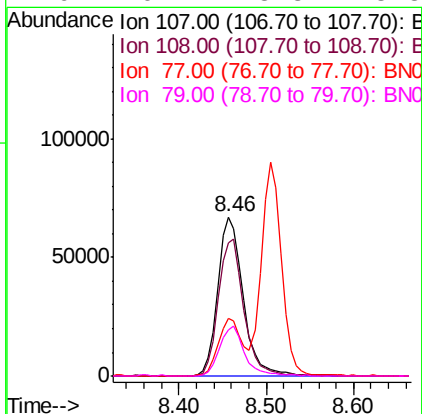
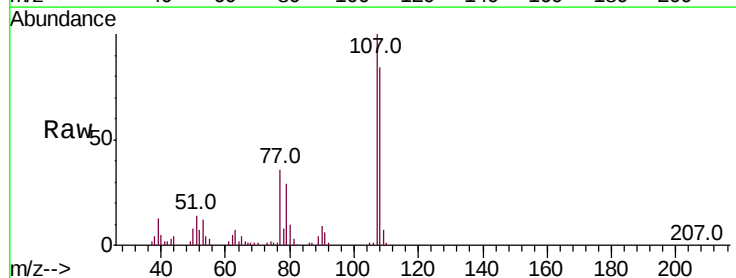
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2018

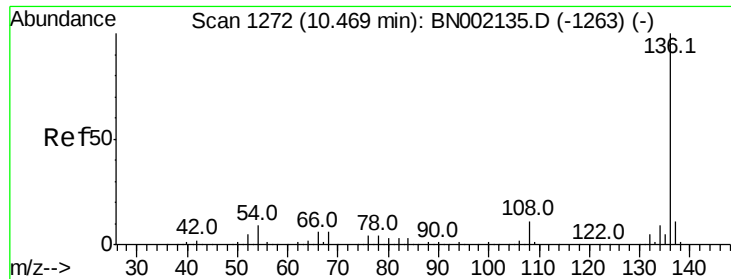
Tot Ion:	70	Resp:	94231
Ion	Ratio	Lower	Upper
70	100		
42	62.1	49.1	73.7
101	9.8	8.5	12.7
130	20.9	13.4	20.0#



#20
3+4-Methylphenols
Concen: 7.171 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.01 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

Tgt Ion:	107	Resp:	134872
Ion	Ratio	Lower	Upper
107	100		
108	83.9	61.6	101.6
77	36.0	13.9	53.9
79	29.2	8.8	48.8

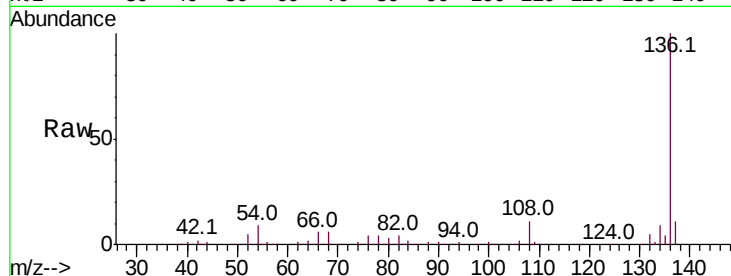




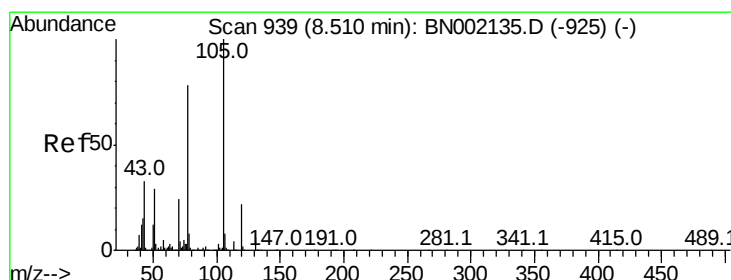
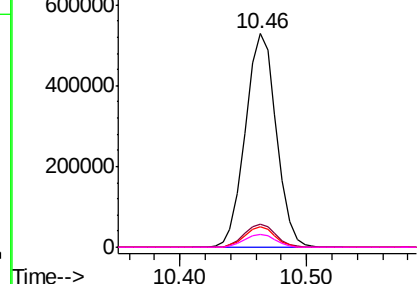
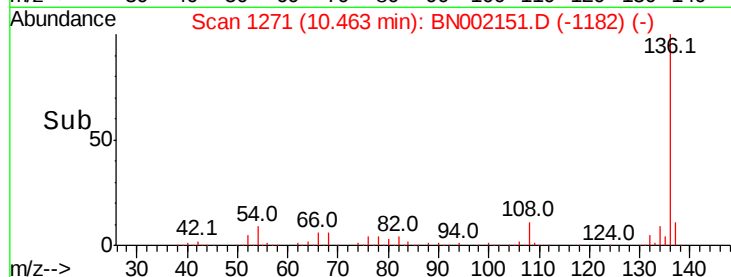
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tot Ion:136	Resp:	893343
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.2 13.8
54	9.4	10.3 15.5#
68	6.1	4.5 6.7

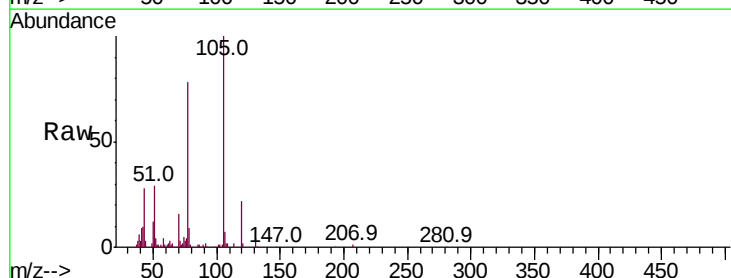


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

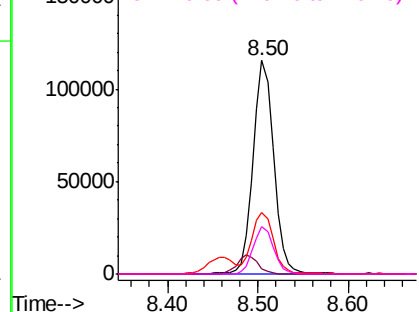
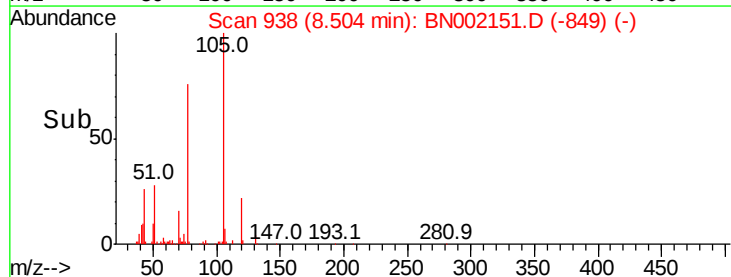


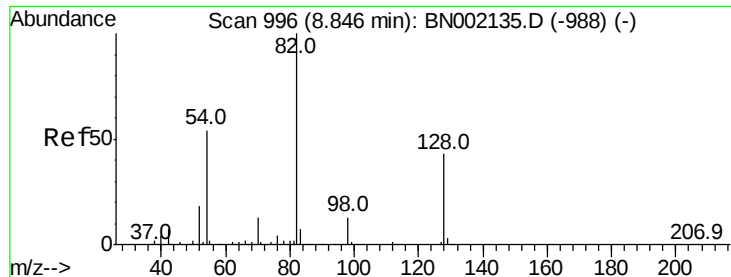
#22
Acetophenone
Concen: 7.879 ng
RT: 8.50 min Scan# 938
Delta R.T. -0.01 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

Tgt Ion:105	Resp:	182503
Ion Ratio	Lower	Upper
105	100	
71	2.5	3.0 4.4#
51	28.9	26.1 39.1
120	22.4	17.4 26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BNC
Ion 51.00 (50.70 to 51.70): BNC
Ion 120.00 (119.70 to 120.70): E

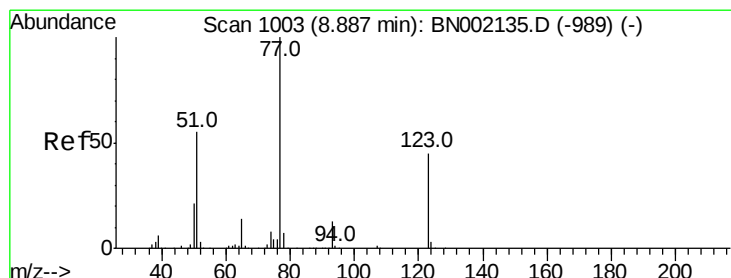
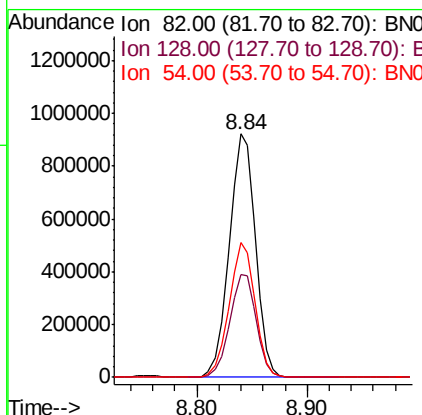
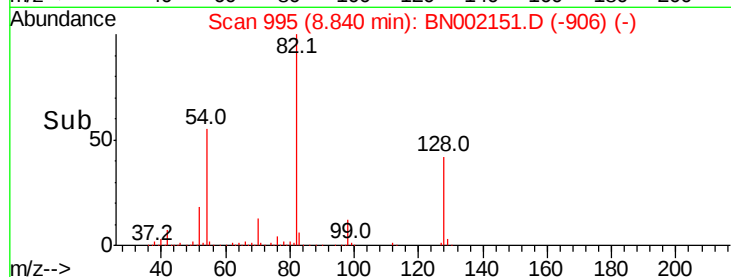
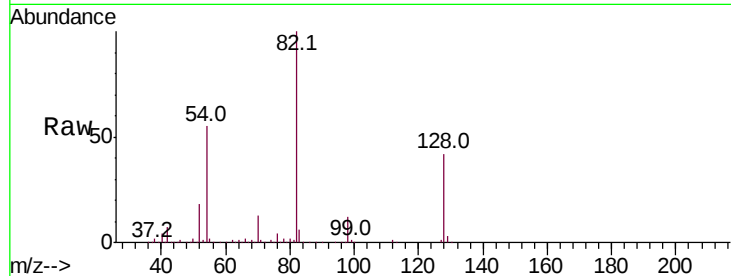




#23
Nitrobenzene-d5
Concen: 88.133 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

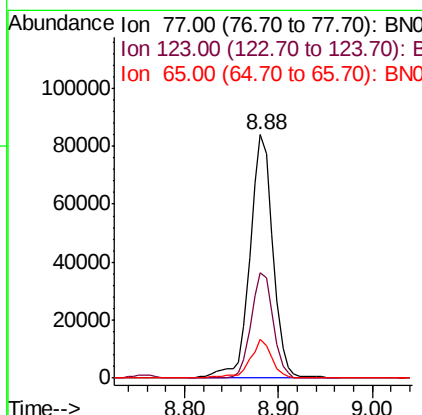
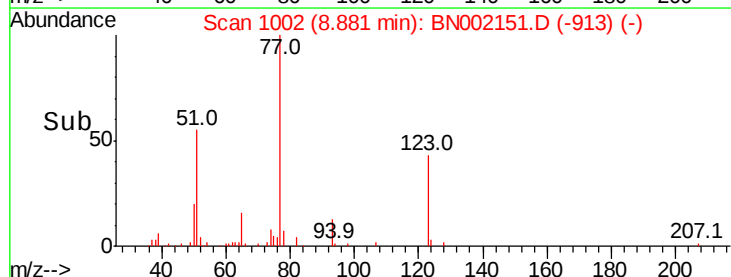
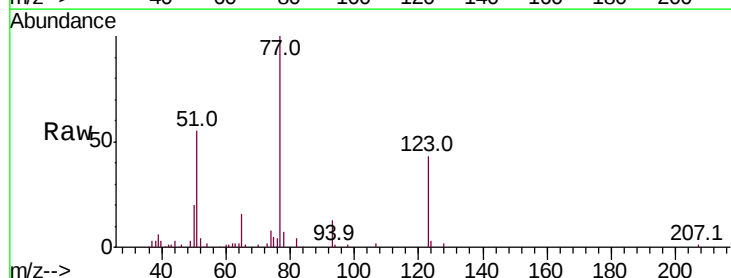
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2018

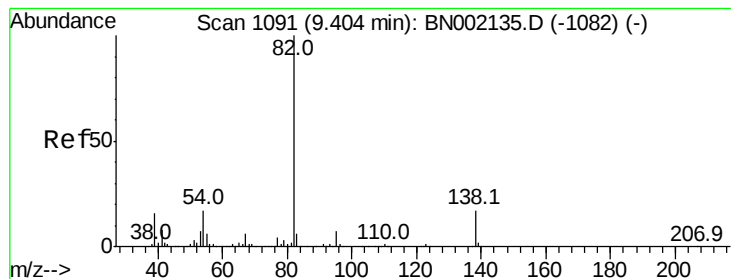
Tot Ion: 82 Resp: 1535254
Ion Ratio Lower Upper
82 100
128 42.2 29.7 44.5
54 55.2 43.1 64.7



#24
Nitrobenzene
Concen: 7.874 ng
RT: 8.88 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

Tgt Ion: 77 Resp: 142160
Ion Ratio Lower Upper
77 100
123 43.1 33.0 49.6
65 15.8 13.0 19.6





#25

Isophorone

Concen: 8.203 ng

RT: 9.40 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2018

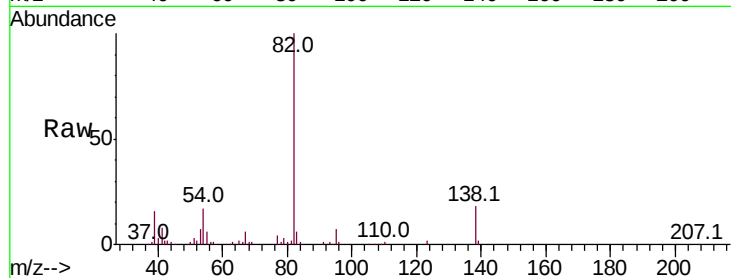
Tot Ion: 82 Resp: 245359

Ion Ratio Lower Upper

82 100

95 7.2 6.2 9.2

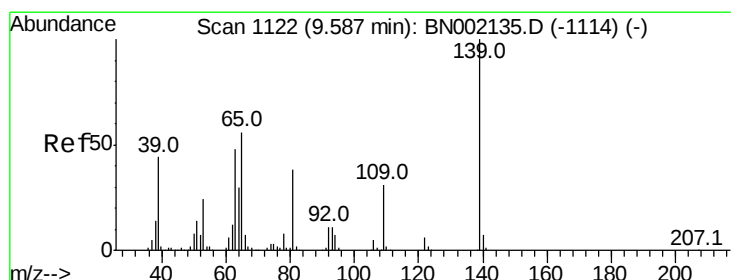
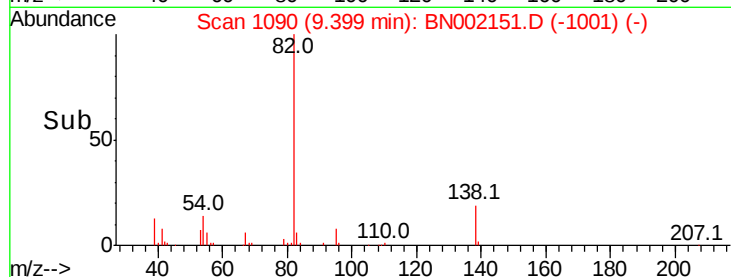
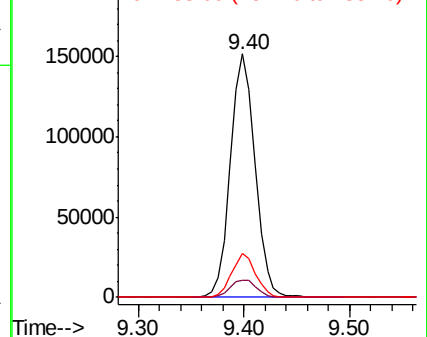
138 18.2 12.1 18.1#



Abundance Ion 82.00 (81.70 to 82.70): BN002135.D (-1082) (-)

Ion 95.00 (94.70 to 95.70): BN002135.D (-1082) (-)

Ion 138.00 (137.70 to 138.70): BN002135.D (-1082) (-)



#26

2-Nitrophenol

Concen: 6.654 ng

RT: 9.59 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

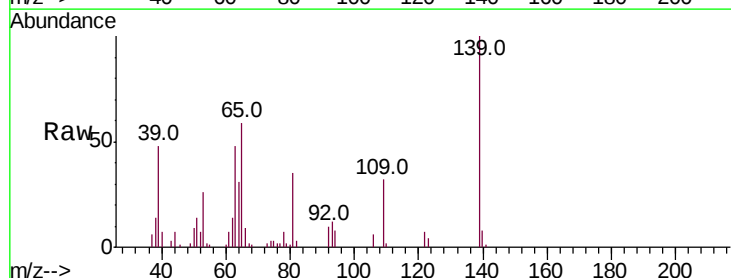
Tgt Ion: 139 Resp: 58027

Ion Ratio Lower Upper

139 100

109 32.0 24.2 36.2

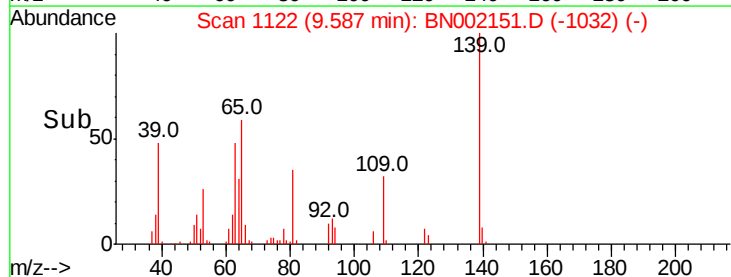
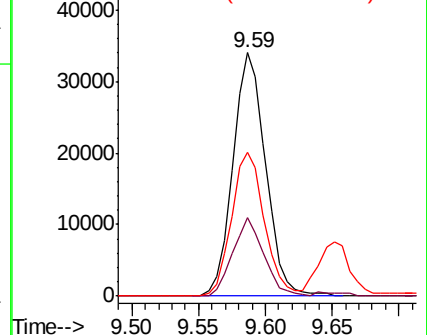
65 59.1 47.4 71.0

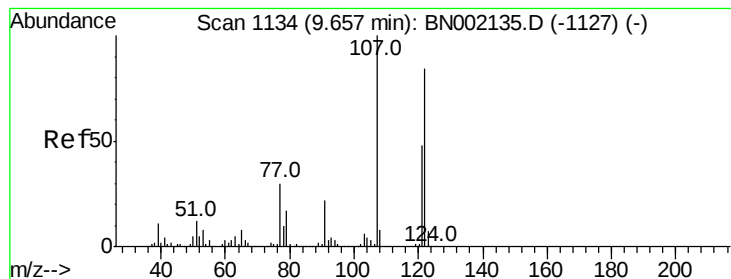


Abundance Ion 139.00 (138.70 to 139.70): BN002135.D (-1114) (-)

Ion 109.00 (108.70 to 109.70): BN002135.D (-1114) (-)

Ion 65.00 (64.70 to 65.70): BN002135.D (-1114) (-)

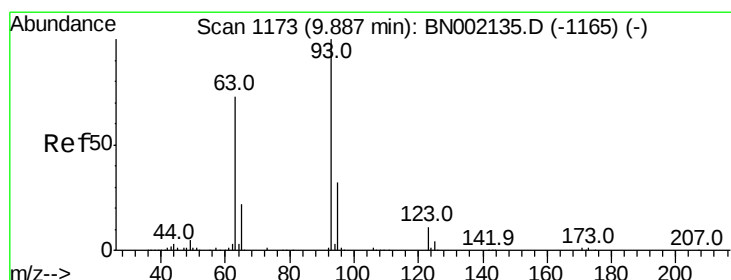
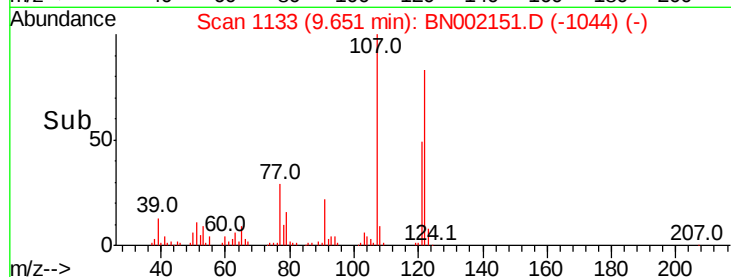
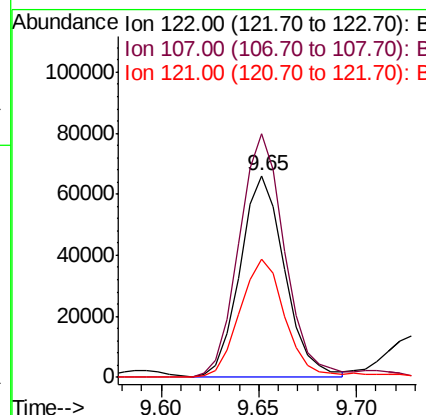
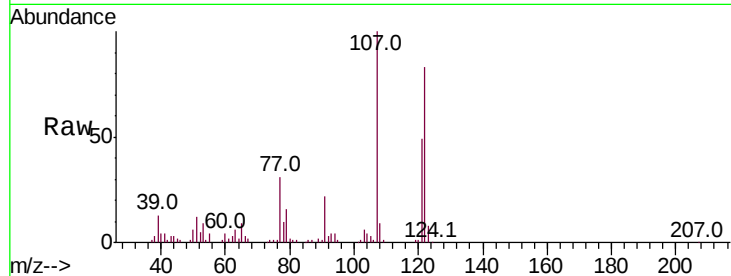




#27
 2,4-Dimethylphenol
 Concen: 8.557 ng
 RT: 9.65 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BN002151.D
 Acq: 26 Jul 2018 00:12

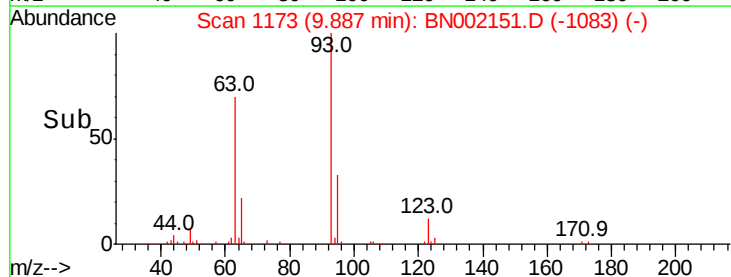
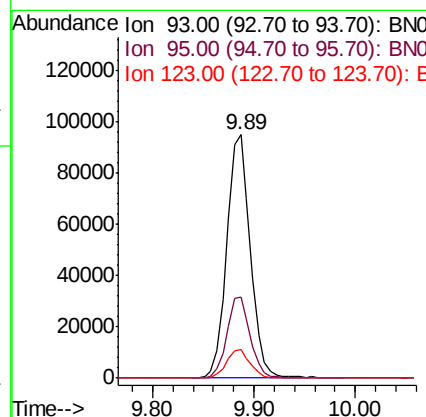
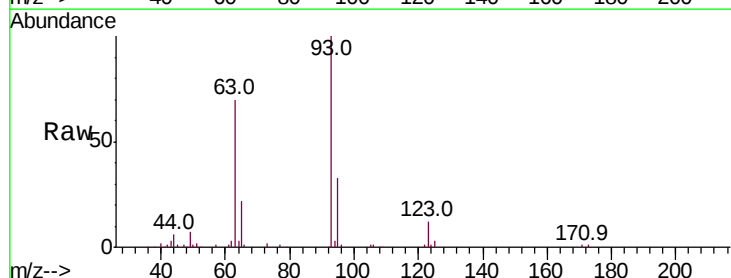
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2018

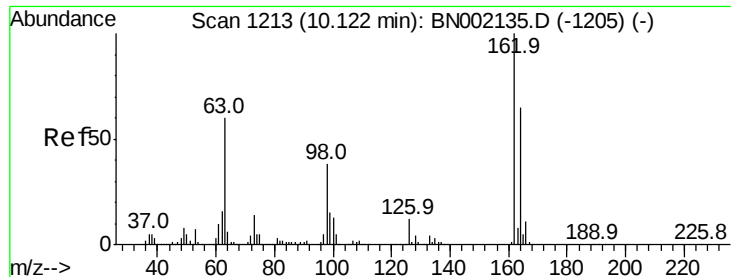
Tot Ion:122 Resp: 103783
 Ion Ratio Lower Upper
 122 100
 107 120.9 100.2 150.2
 121 58.8 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 7.903 ng
 RT: 9.89 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BN002151.D
 Acq: 26 Jul 2018 00:12

Tgt Ion: 93 Resp: 152698
 Ion Ratio Lower Upper
 93 100
 95 33.0 24.3 36.5
 123 11.8 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 7.529 ng

RT: 10.12 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2018

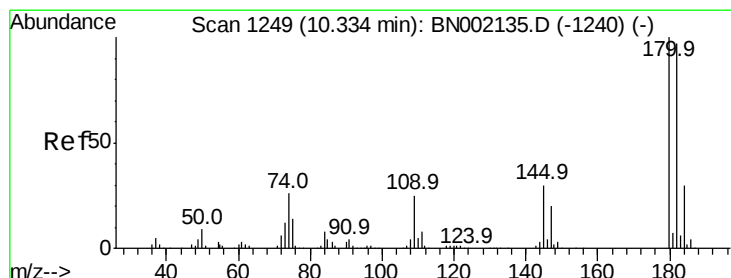
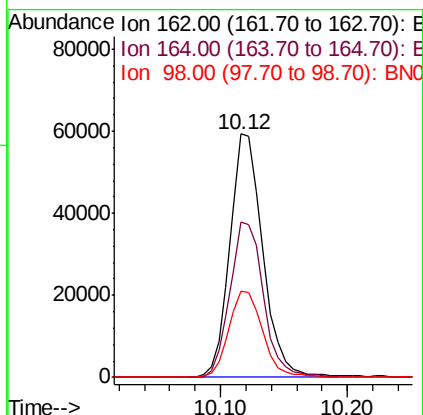
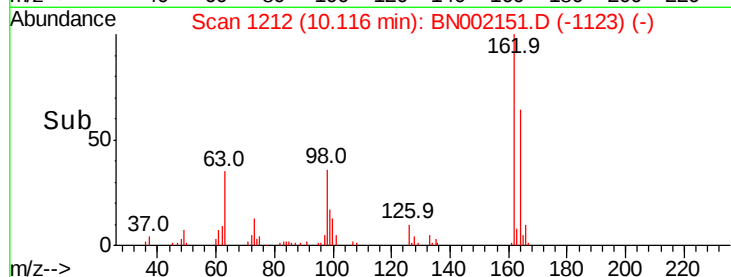
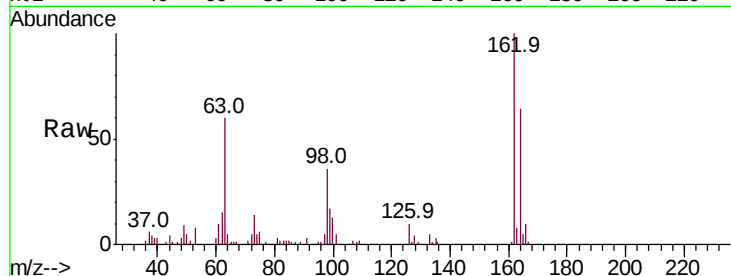
Tot Ion:162 Resp: 106481

Ion Ratio Lower Upper

162 100

164 63.8 48.0 88.0

98 35.6 21.1 61.1



#30

1,2,4-Trichlorobenzene

Concen: 7.552 ng

RT: 10.33 min Scan# 1249

Delta R.T. -0.00 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

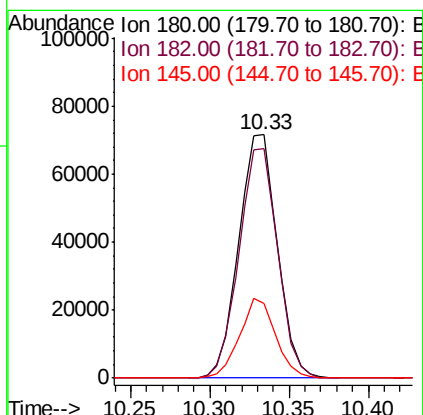
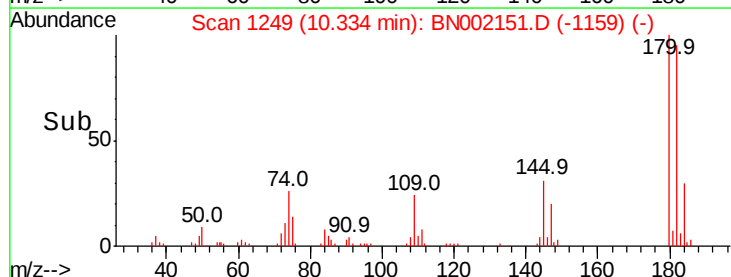
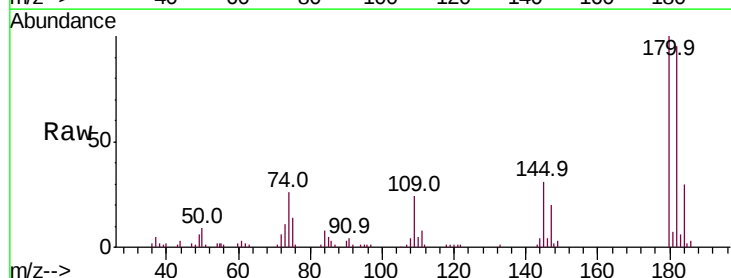
Tgt Ion:180 Resp: 120970

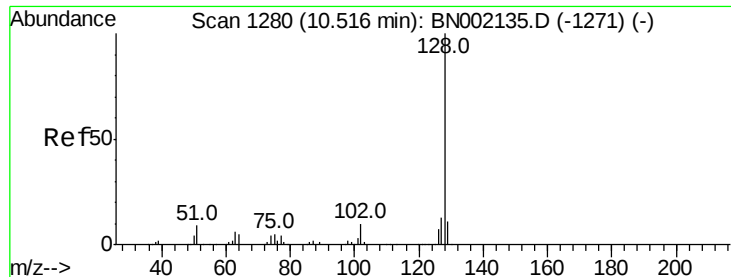
Ion Ratio Lower Upper

180 100

182 94.5 77.5 116.3

145 30.7 23.4 35.2

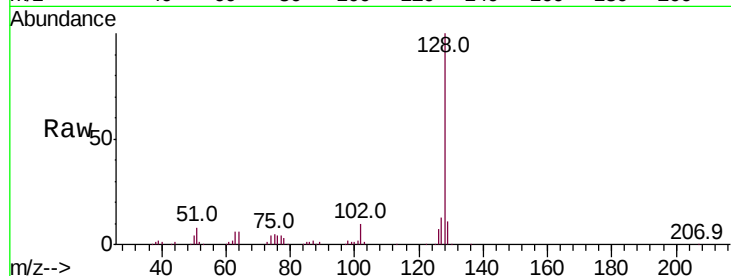




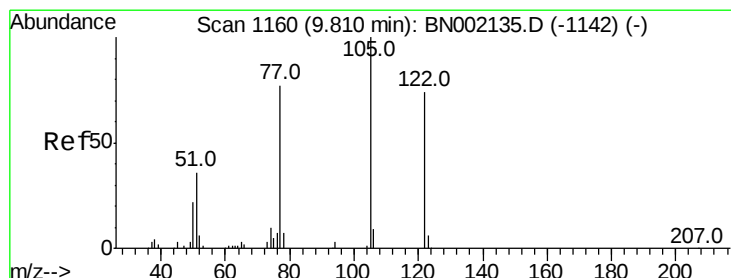
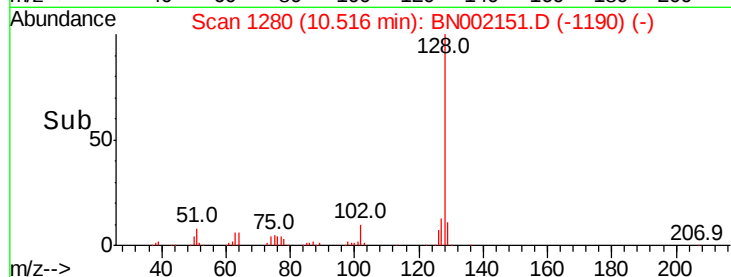
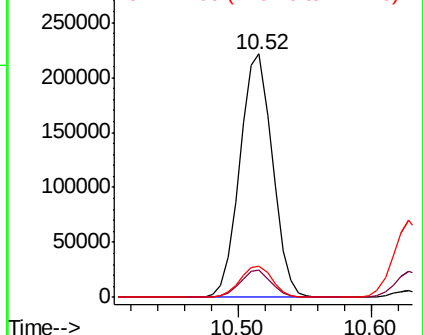
#31
Naphthalene
Concen: 8.295 ng
RT: 10.52 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tot Ion:128 Resp: 374000
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 12.9 11.6 17.4

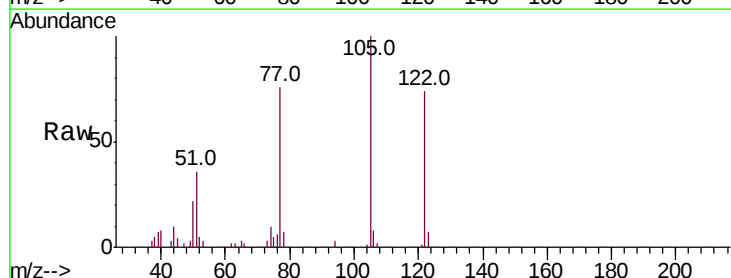


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

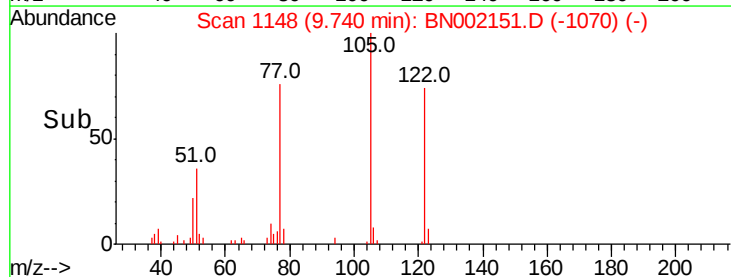
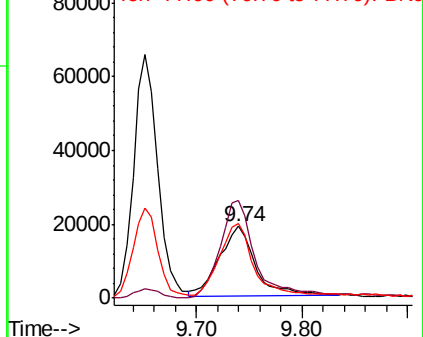


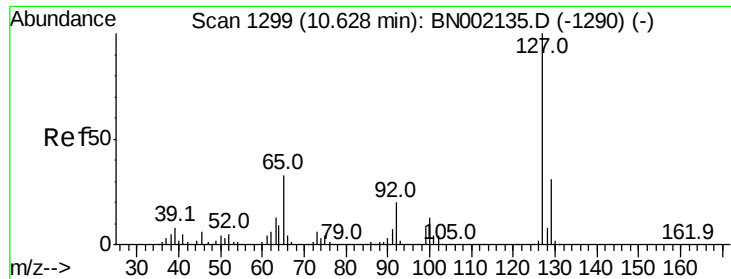
#32
Benzoic acid
Concen: 4.464 ng
RT: 9.74 min Scan# 1148
Delta R.T. -0.07 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

Tgt Ion:122 Resp: 45937
Ion Ratio Lower Upper
122 100
105 136.0 123.5 163.5
77 103.3 85.7 125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BNO

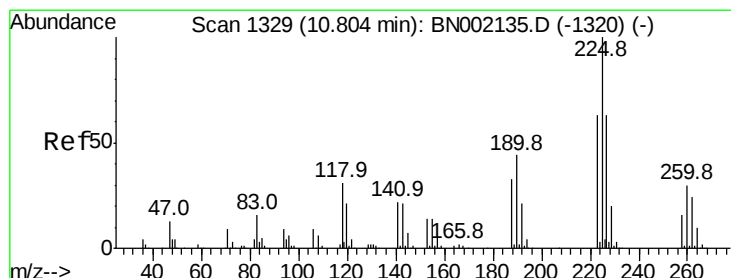
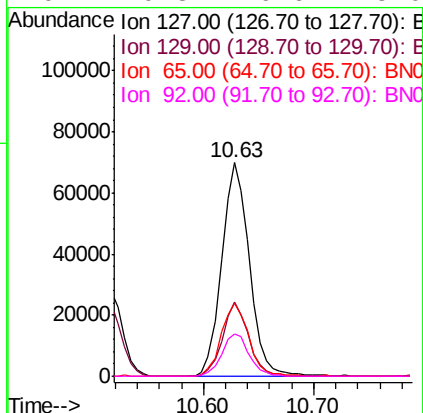
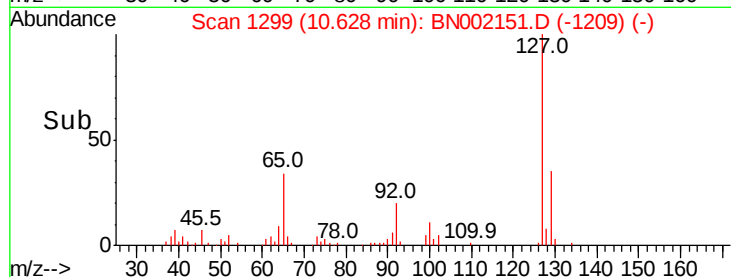
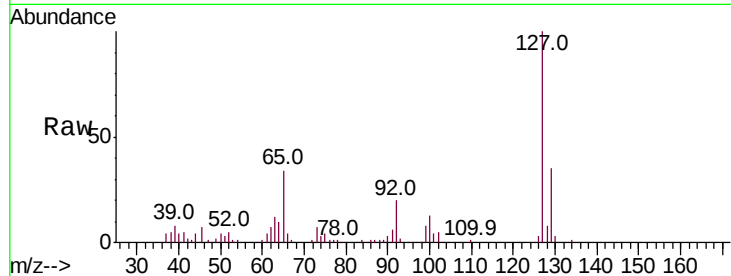




#33
4-Chloroaniline
Concen: 6.089 ng
RT: 10.63 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

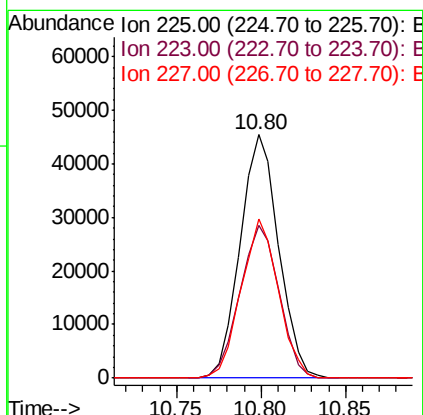
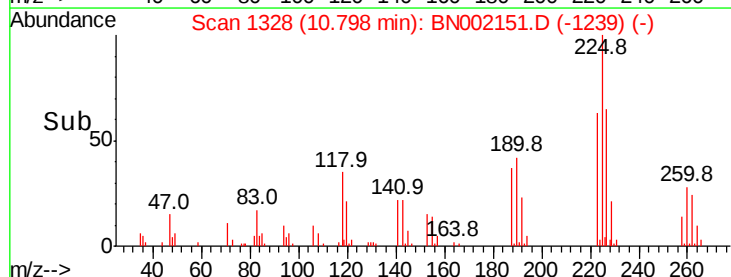
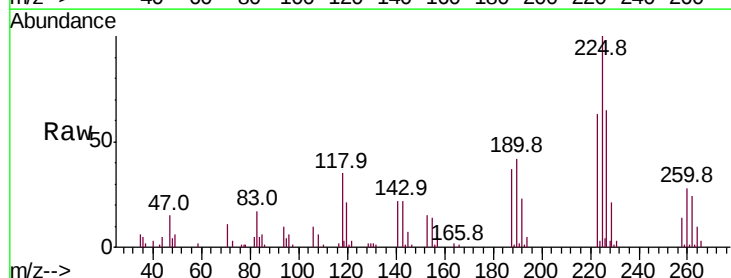
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2018

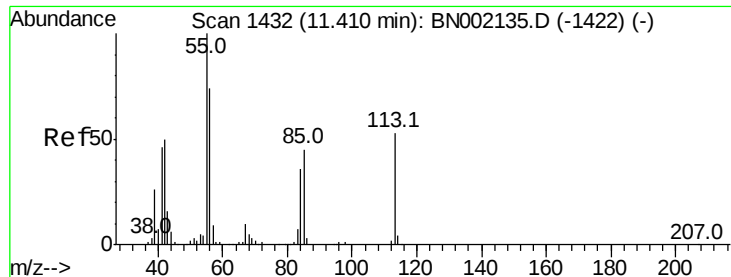
Tot Ion:	127	Resp:	122151
Ion	Ratio	Lower	Upper
127	100		
129	34.5	24.0	36.0
65	33.9	27.0	40.4
92	19.8	16.6	25.0



#34
Hexachlorobutadiene
Concen: 7.348 ng
RT: 10.80 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

Tgt Ion:	225	Resp:	72070
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.7	74.5
227	65.1	48.1	72.1





#35

Caprolactam

Concen: 6.612 ng

RT: 11.38 min Scan# 1427

Delta R.T. -0.03 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2018

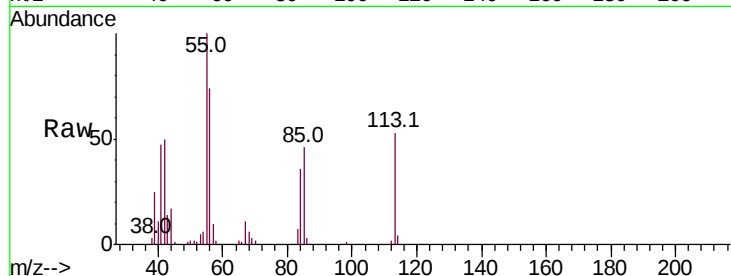
Tot Ion:113 Resp: 31912

Ion Ratio Lower Upper

113 100

55 188.0 120.0 160.0#

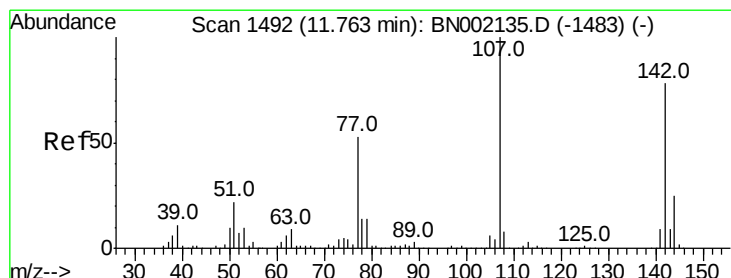
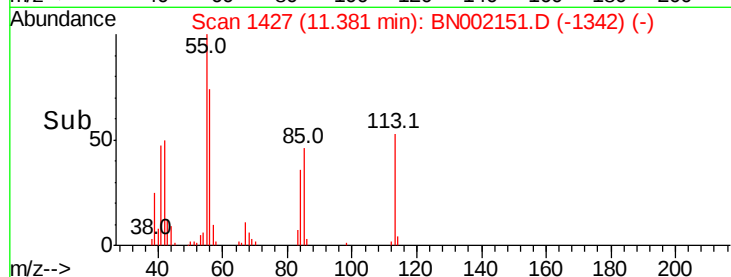
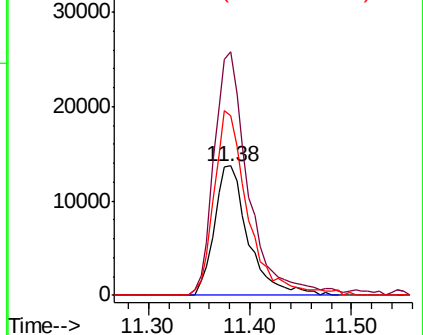
56 138.9 90.0 130.0#



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



#36

4-Chloro-3-methylphenol

Concen: 7.481 ng

RT: 11.76 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

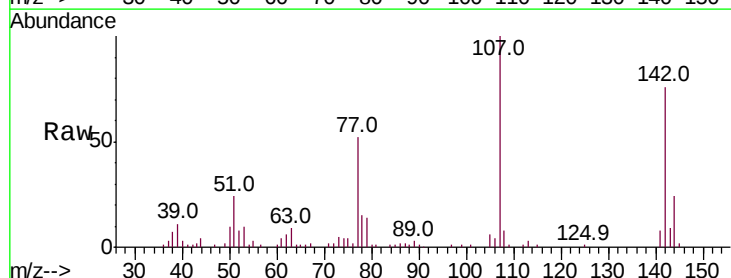
Tgt Ion:107 Resp: 120314

Ion Ratio Lower Upper

107 100

144 24.4 18.2 27.4

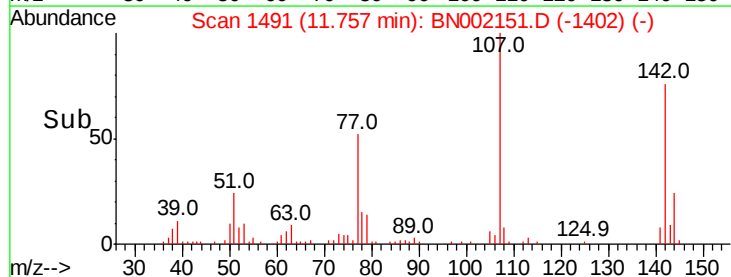
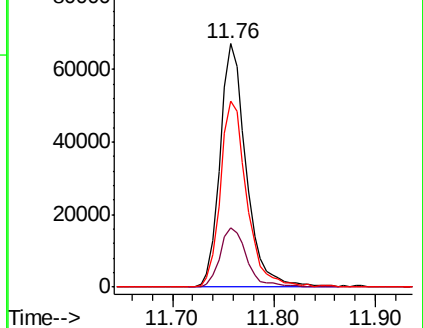
142 76.2 59.0 88.4

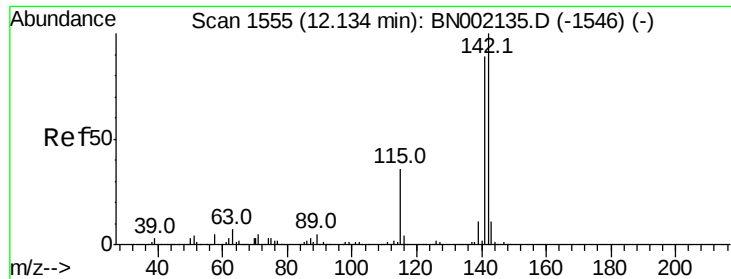


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

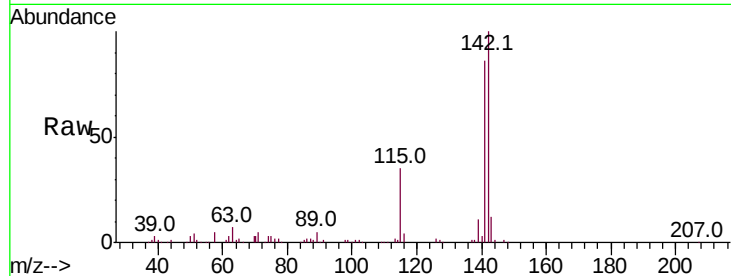




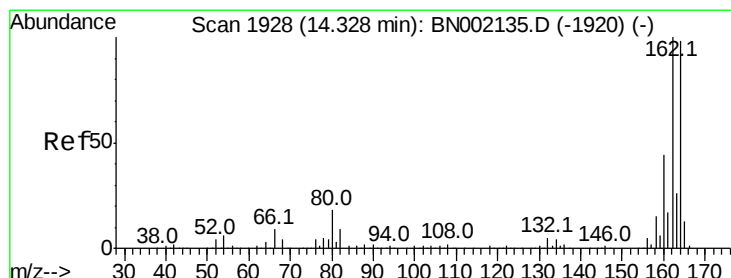
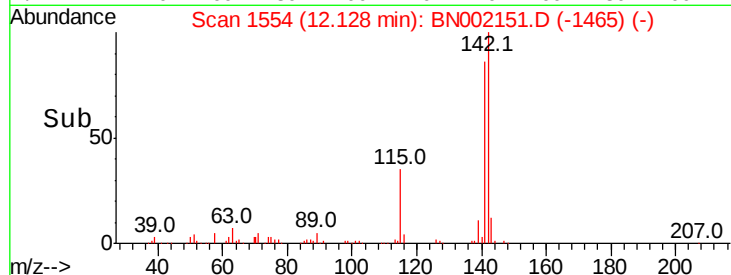
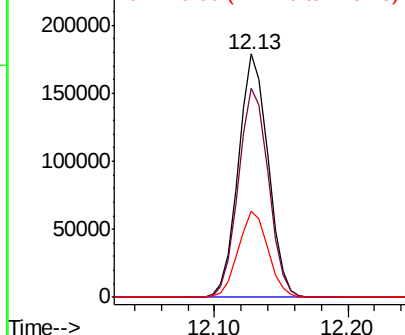
#37
2-Methylnaphthalene
Concen: 8.668 ng
RT: 12.13 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tot Ion:142 Resp: 275608
Ion Ratio Lower Upper
142 100
141 85.8 67.1 100.7
115 35.4 30.7 46.1

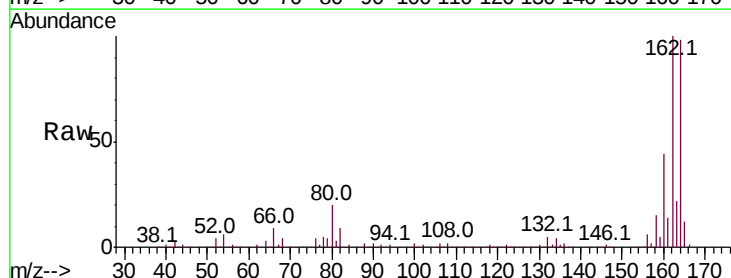


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

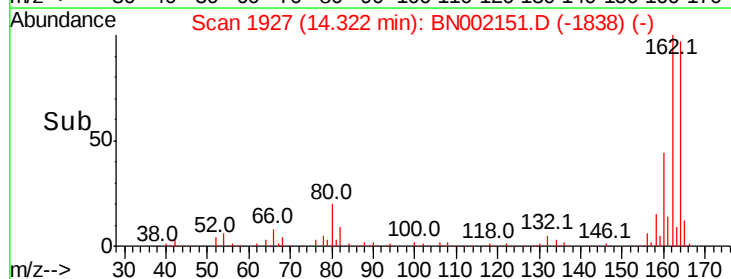
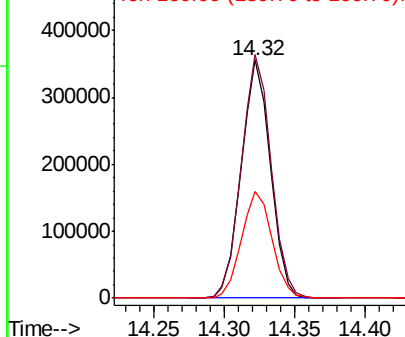


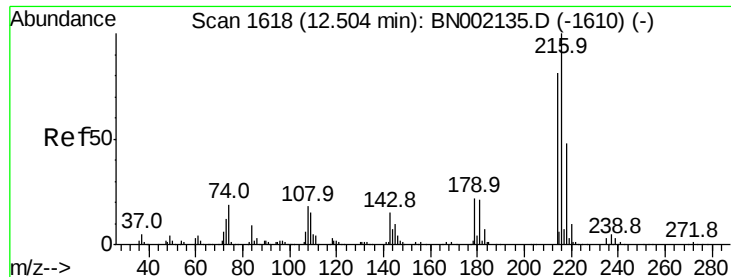
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

Tgt Ion:164 Resp: 515560
Ion Ratio Lower Upper
164 100
162 102.2 78.8 118.2
160 45.0 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 7.534 ng

RT: 12.50 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2018

Tot Ion:216 Resp: 130601

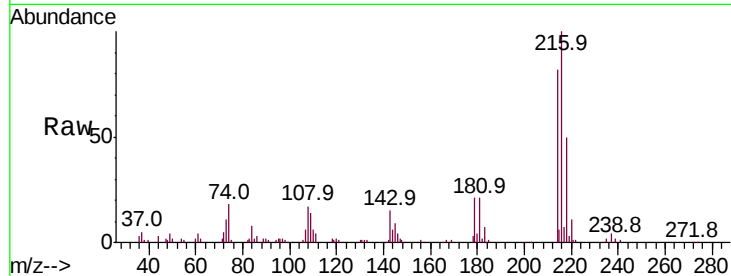
Ion Ratio Lower Upper

216 100

214 80.5 63.0 94.4

179 22.2 17.0 25.6

108 19.1 12.8 19.2

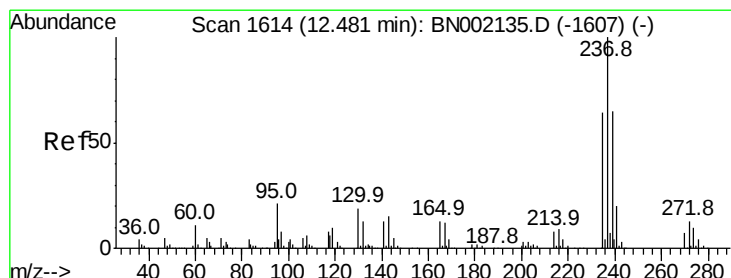
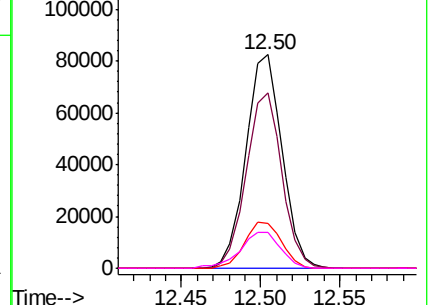
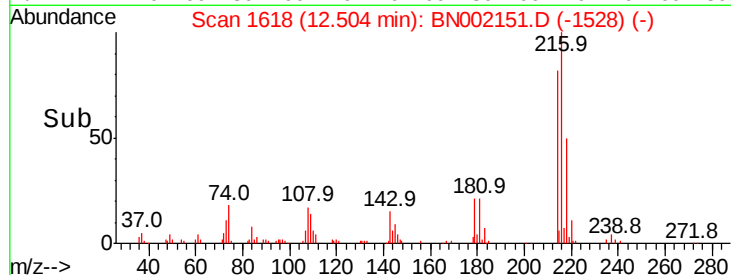


Abundance Ion 216.00 (215.70 to 216.70): E

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: 7.806 ng

RT: 12.48 min Scan# 1614

Delta R.T. -0.00 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

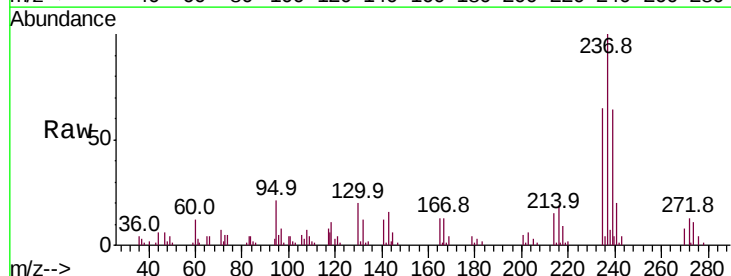
Tgt Ion:237 Resp: 76427

Ion Ratio Lower Upper

237 100

235 65.0 50.4 90.4

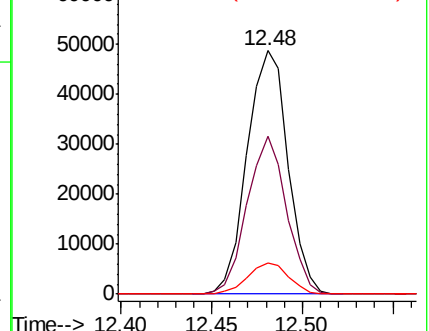
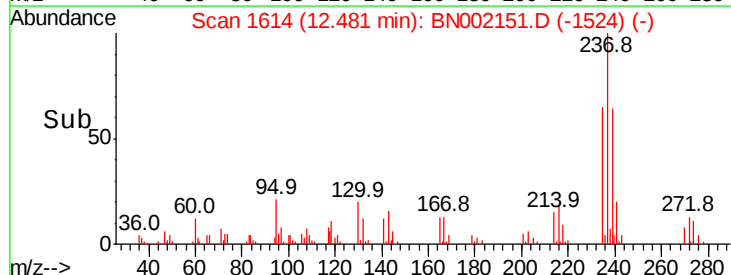
272 12.6 0.0 31.8

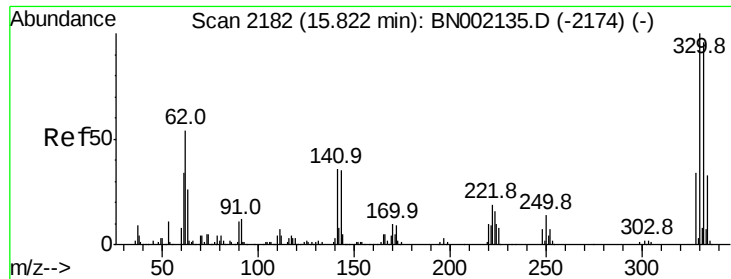


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

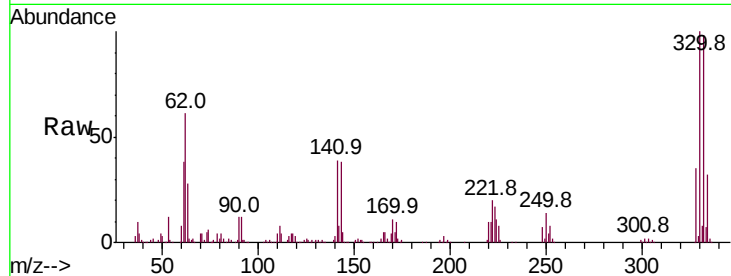




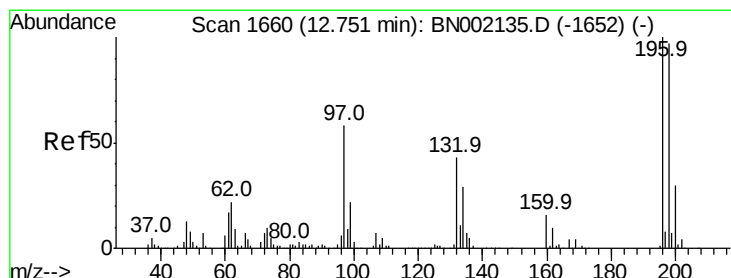
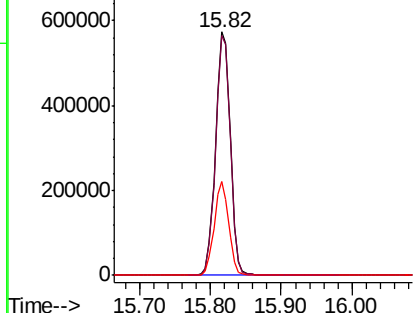
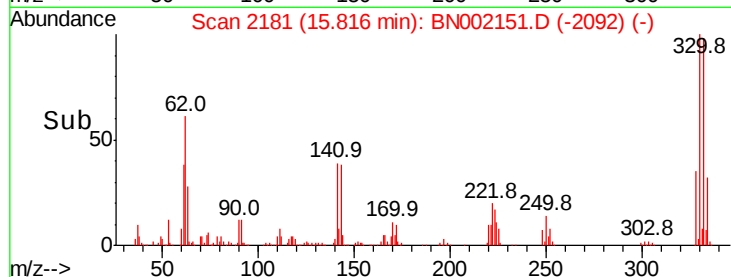
#41
 2,4,6-Tribromophenol
 Concen: 124.735 ng
 RT: 15.82 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BN002151.D
 Acq: 26 Jul 2018 00:12

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.0	115.6
141	37.8	25.2	37.8

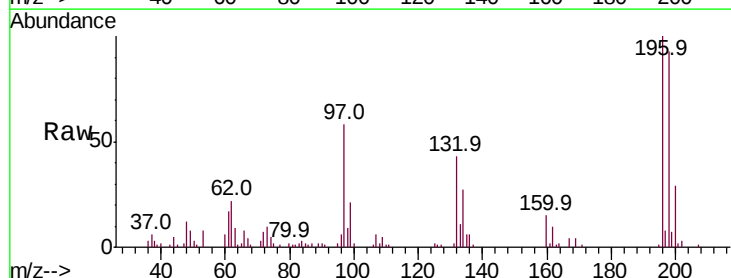


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

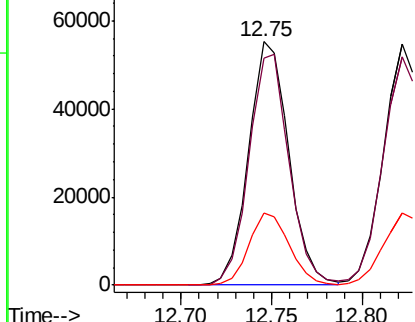
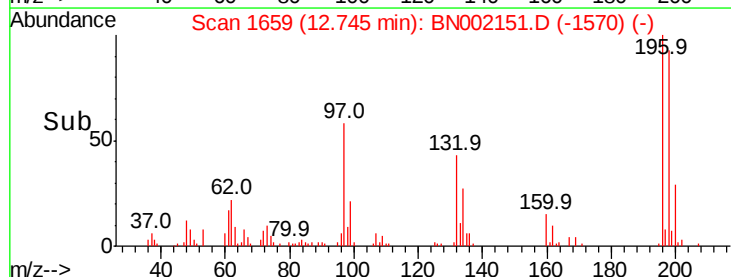


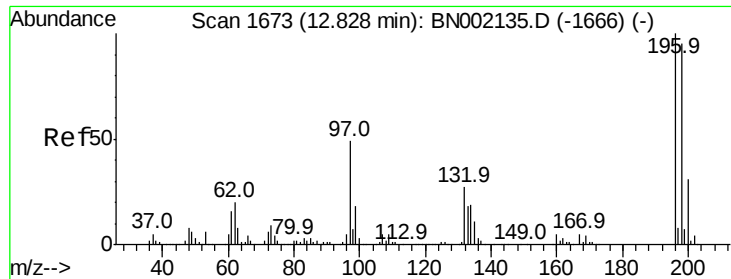
#42
 2,4,6-Trichlorophenol
 Concen: 7.320 ng
 RT: 12.75 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BN002151.D
 Acq: 26 Jul 2018 00:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.2	78.2	117.2
200	29.4	24.6	36.8



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

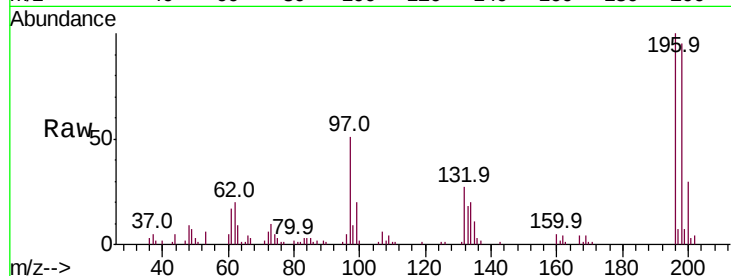




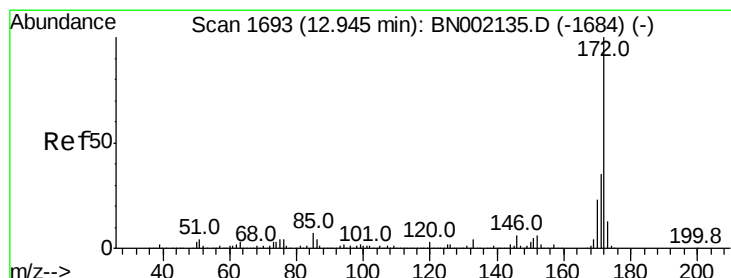
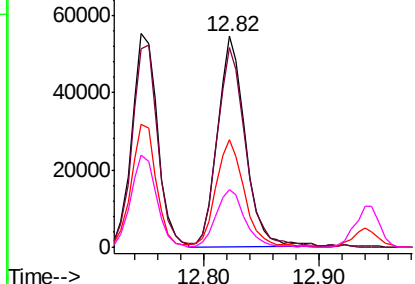
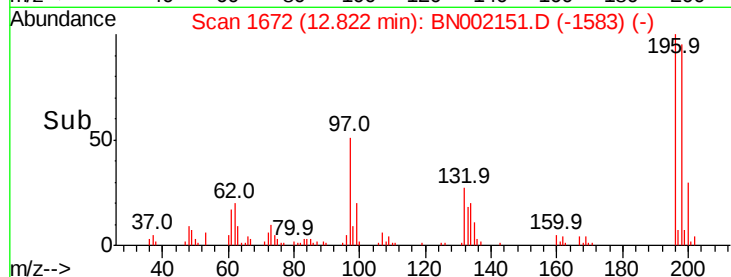
#43
2,4,5-Trichlorophenol
Concen: 7.334 ng
RT: 12.82 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tot Ion:196 Resp: 90358
Ion Ratio Lower Upper
196 100
198 95.0 76.2 114.4
97 51.1 38.7 58.1
132 27.3 20.2 30.2

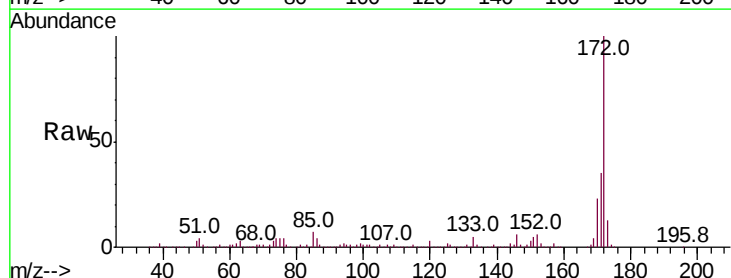


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BNC
Ion 132.00 (131.70 to 132.70): E

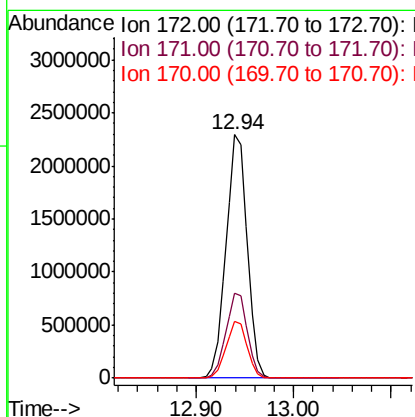
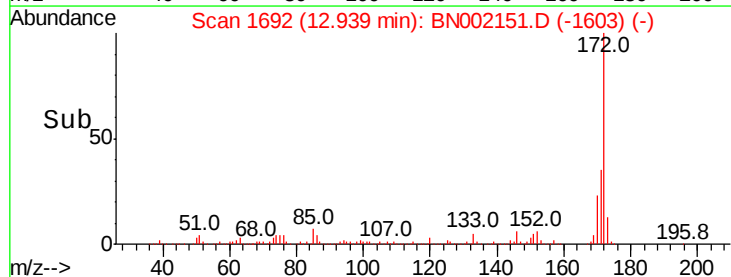


#44
2-Fluorobiphenyl
Concen: 86.890 ng
RT: 12.94 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

Tgt Ion:172 Resp: 3439275
Ion Ratio Lower Upper
172 100
171 34.9 30.0 45.0
170 23.3 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

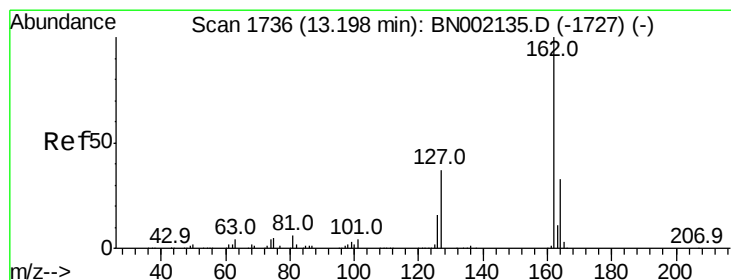
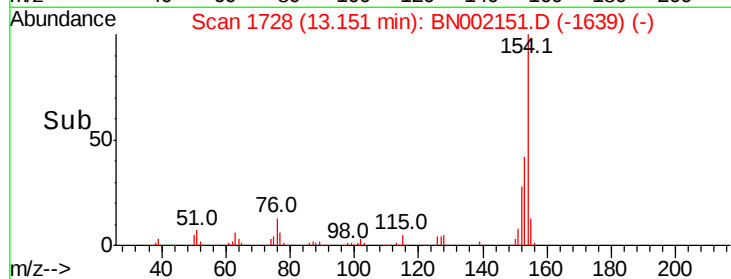
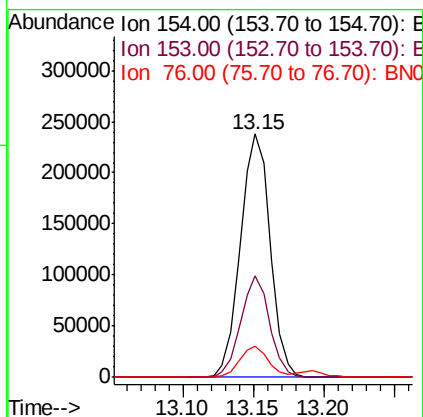
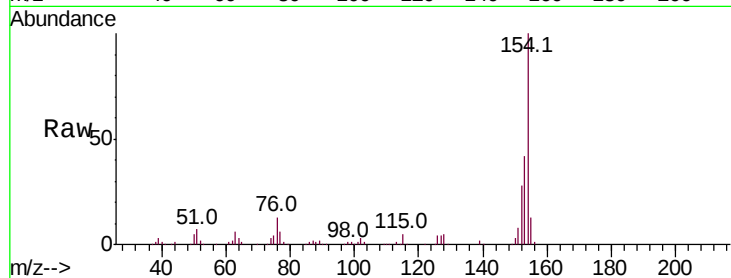




#45
 1,1'-Biphenyl
 Concen: 7.730 ng
 RT: 13.15 min Scan# 1728
 Delta R.T. -0.01 min
 Lab File: BN002151.D
 Acq: 26 Jul 2018 00:12

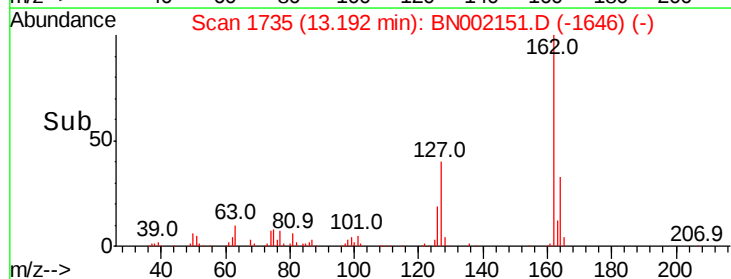
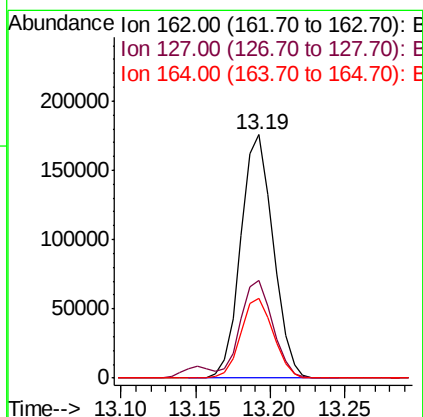
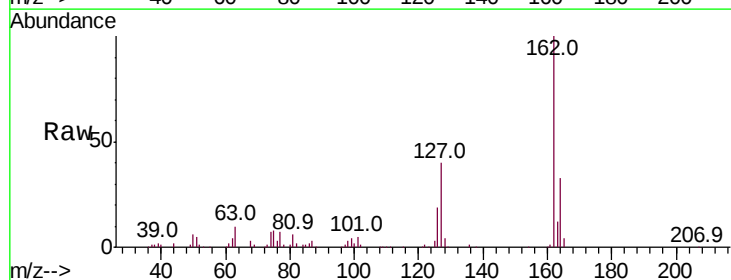
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2018

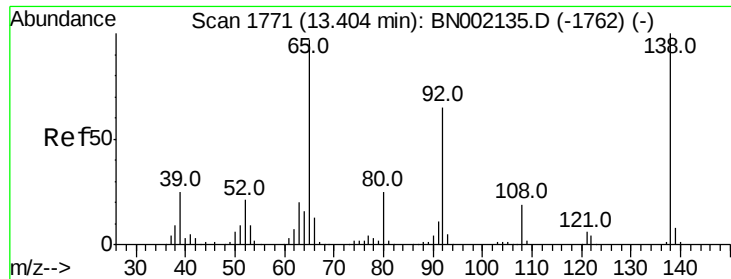
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.9	19.8	59.8
76	13.0	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 7.579 ng
 RT: 13.19 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BN002151.D
 Acq: 26 Jul 2018 00:12

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	30.7	46.1
164	32.8	26.0	39.0

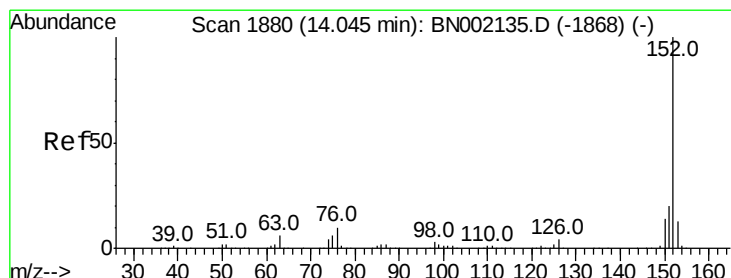
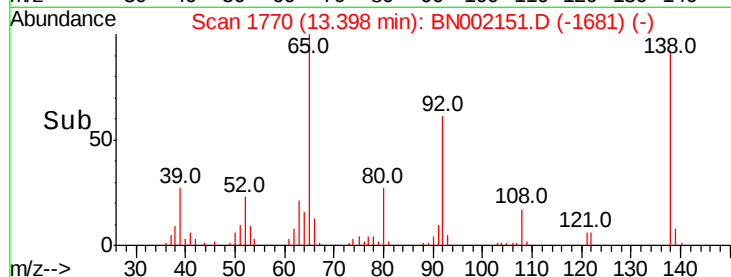
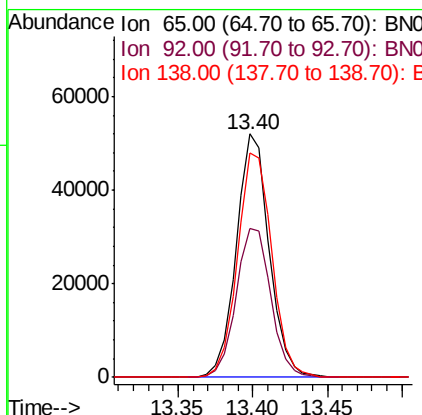
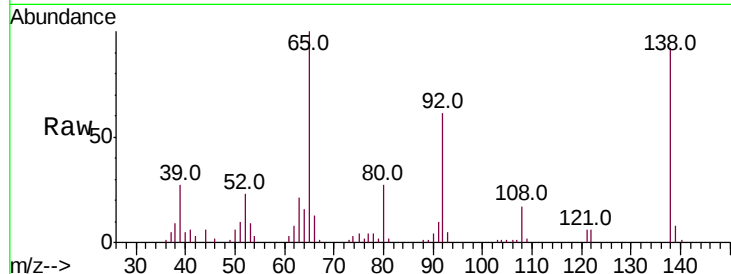




#47
2-Nitroaniline
Concen: 7.075 ng
RT: 13.40 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

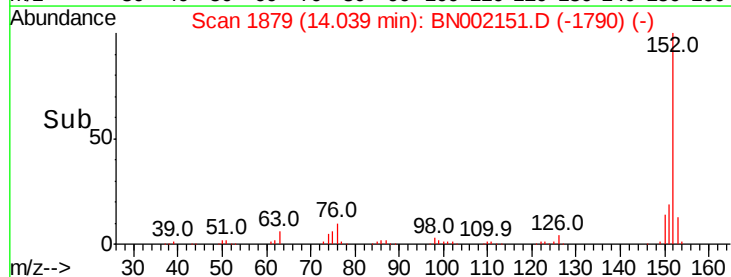
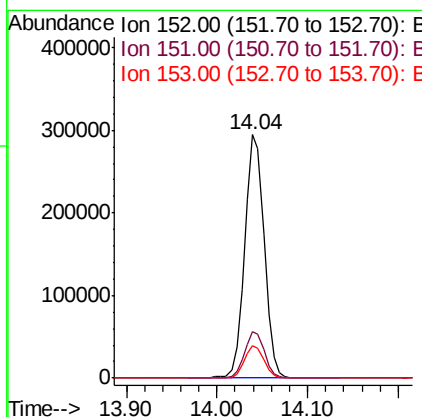
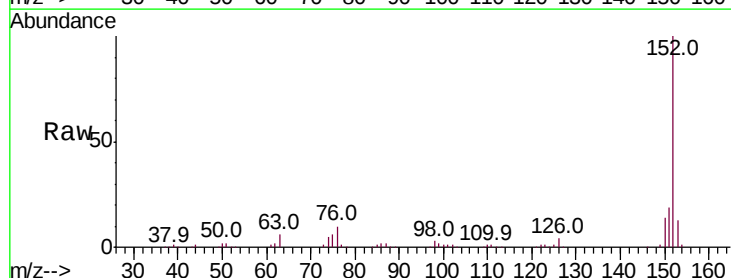
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2018

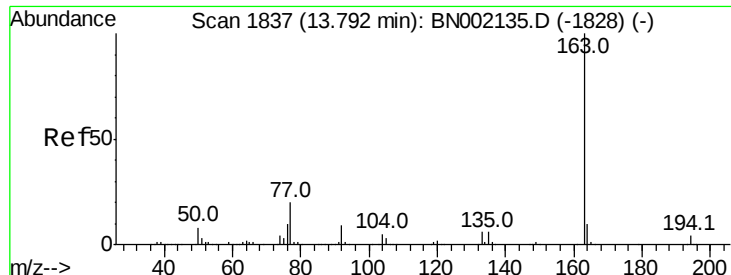
Tot Ion: 65 Resp: 79721
Ion Ratio Lower Upper
65 100
92 61.0 54.6 82.0
138 92.0 72.9 109.3



#48
Acenaphthylene
Concen: 8.232 ng
RT: 14.04 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

Tgt Ion: 152 Resp: 437426
Ion Ratio Lower Upper
152 100
151 19.2 17.2 25.8
153 13.1 10.2 15.4





#49

Dimethylphthalate

Concen: 7.832 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2018

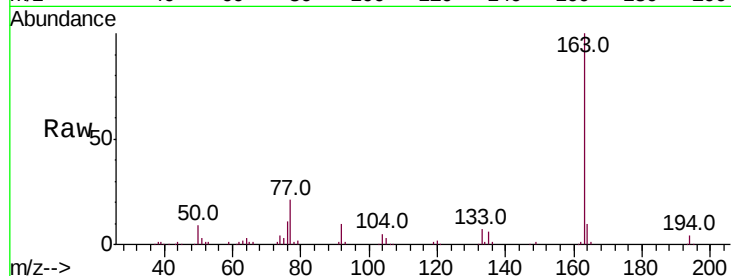
Tot Ion:163 Resp: 335411

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

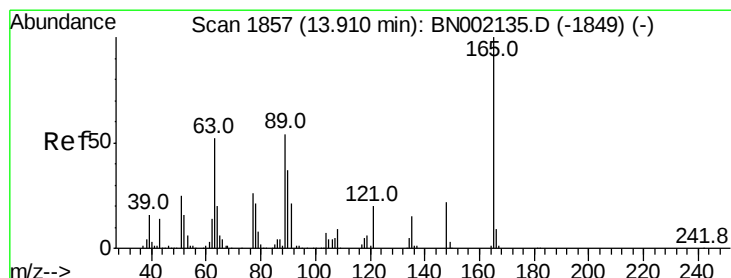
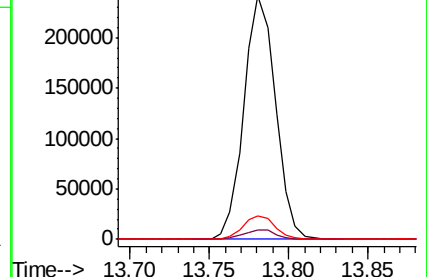
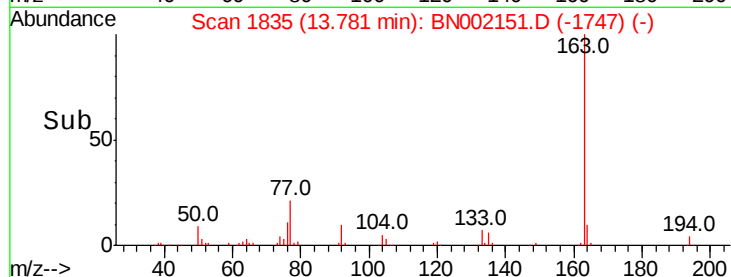
164 9.9 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 7.463 ng

RT: 13.90 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

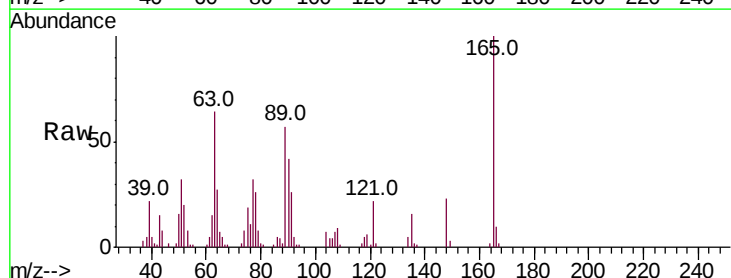
Tgt Ion:165 Resp: 71003

Ion Ratio Lower Upper

165 100

63 63.9 52.7 79.1

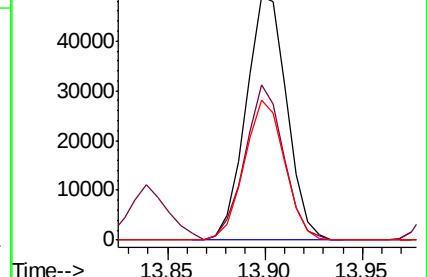
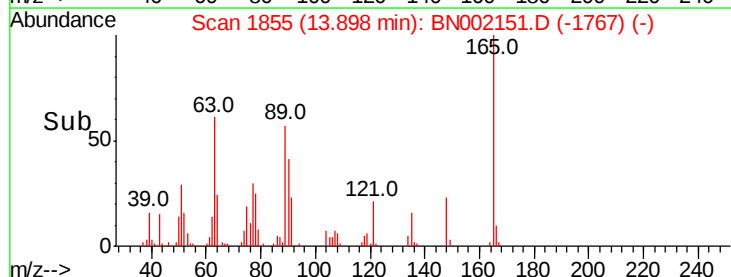
89 57.3 49.2 73.8

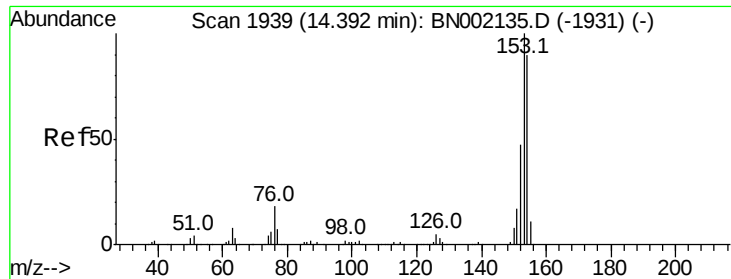


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 7.956 ng

RT: 14.39 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2018

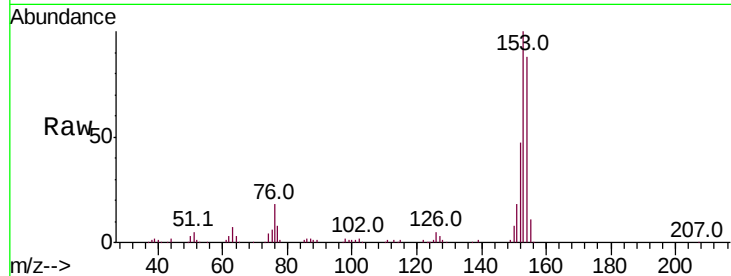
Tot Ion:154 Resp: 254652

Ion Ratio Lower Upper

154 100

153 113.3 90.4 135.6

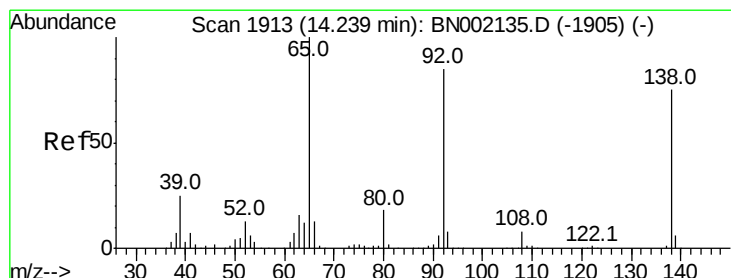
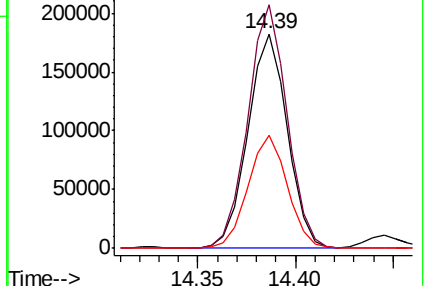
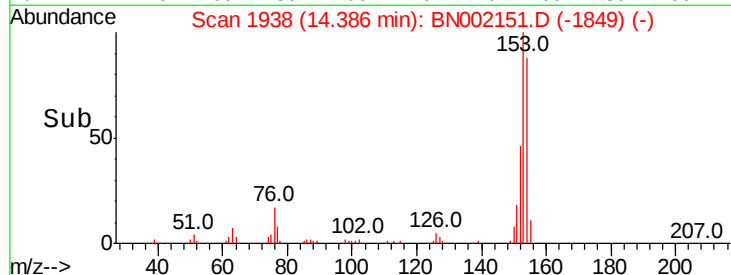
152 52.9 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 5.602 ng

RT: 14.23 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

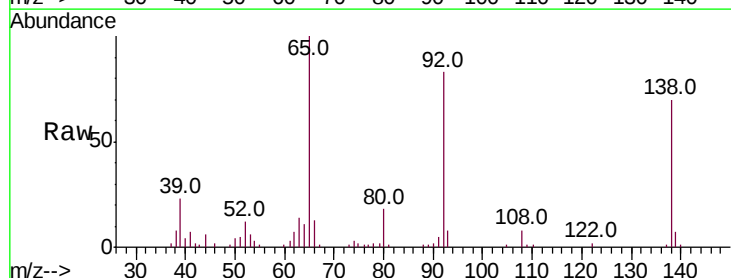
Tgt Ion:138 Resp: 57751

Ion Ratio Lower Upper

138 100

108 11.0 17.5 26.3#

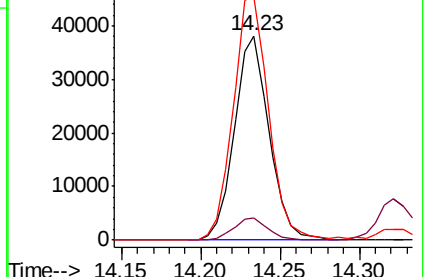
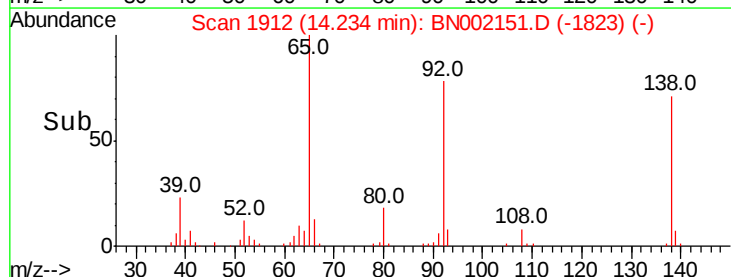
92 119.3 105.8 158.8

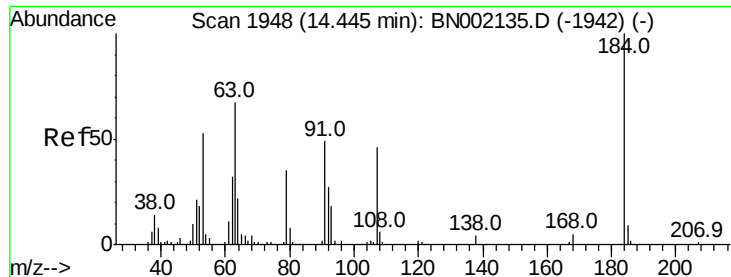


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNO

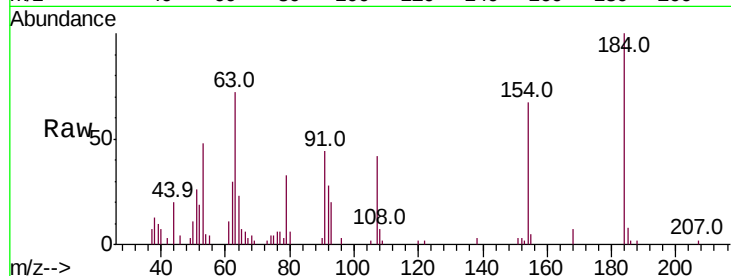




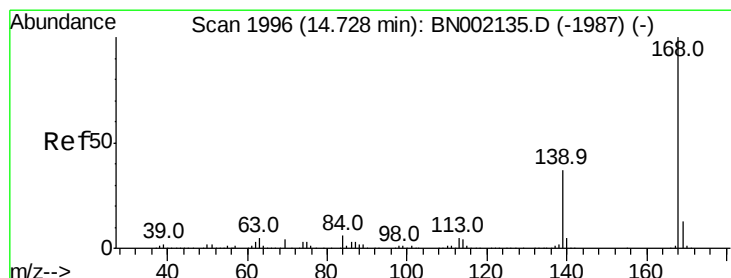
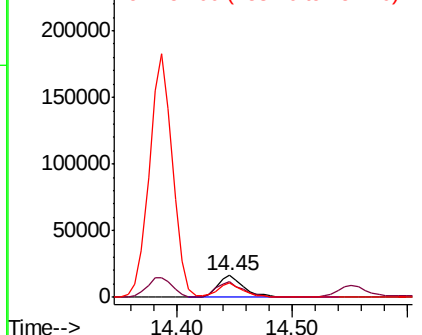
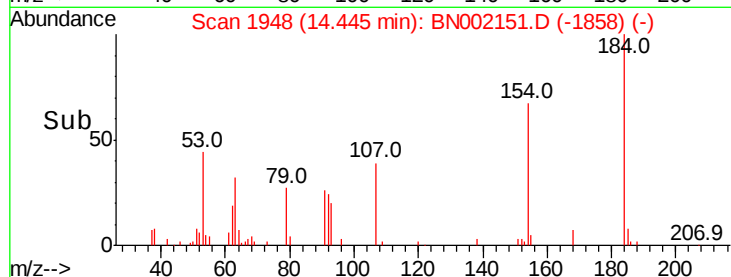
#53
2,4-Dinitrophenol
Concen: 5.156 ng
RT: 14.45 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tot Ion:184 Resp: 25976
Ion Ratio Lower Upper
184 100
63 71.8 56.0 84.0
154 66.8 48.0 72.0

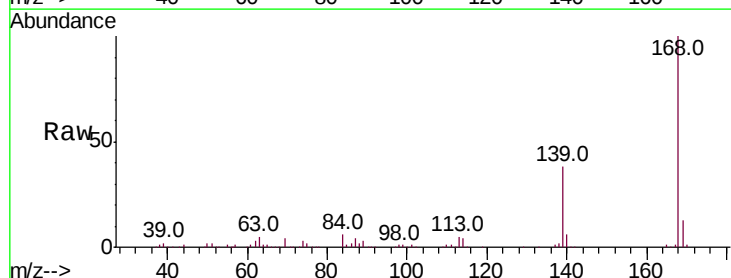


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BN
Ion 154.00 (153.70 to 154.70): E

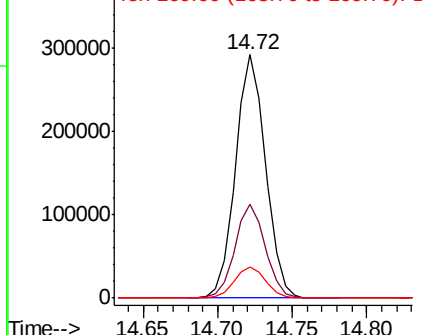
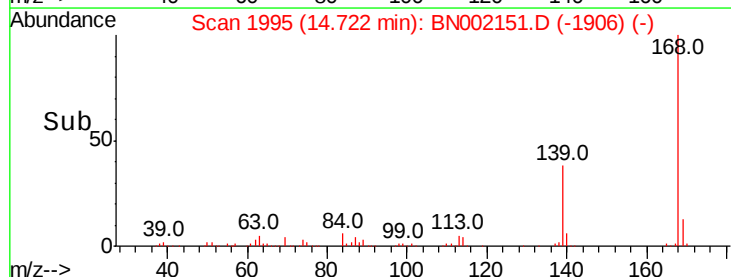


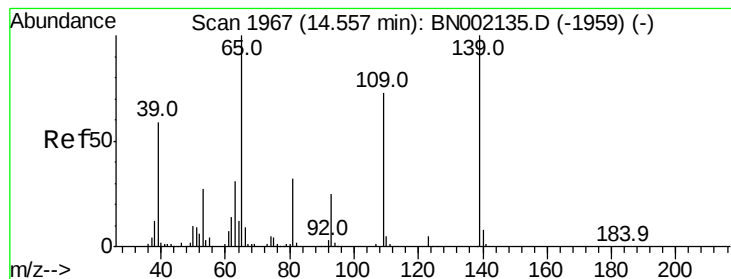
#54
Dibenzofuran
Concen: 7.912 ng
RT: 14.72 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

Tgt Ion:168 Resp: 410609
Ion Ratio Lower Upper
168 100
139 38.4 28.6 43.0
169 13.0 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 6.471 ng

RT: 14.55 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2018

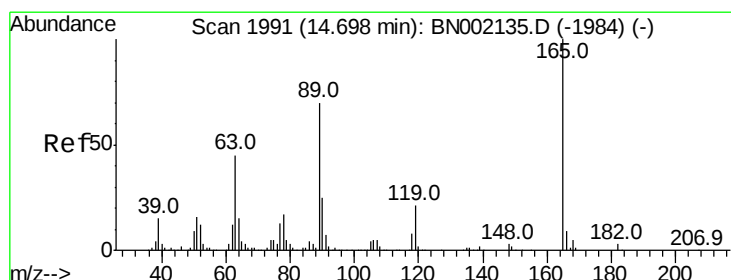
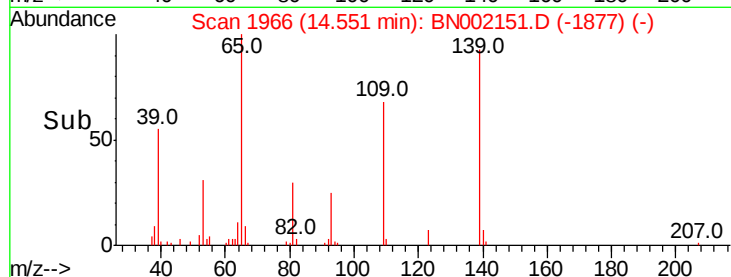
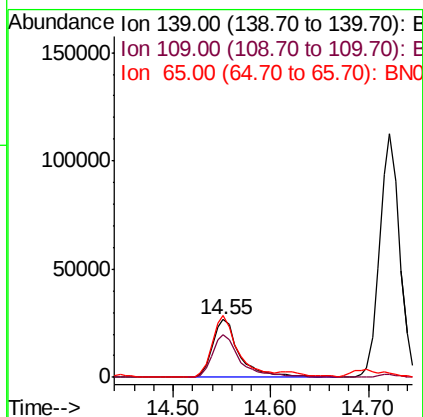
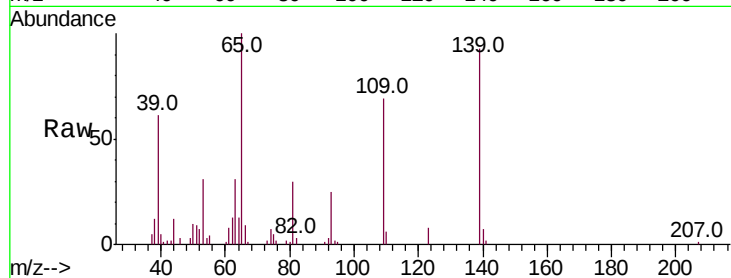
Tot Ion:139 Resp: 51217

Ion Ratio Lower Upper

139 100

109 74.8 62.2 102.2

65 107.8 97.2 137.2



#56

2,4-Dinitrotoluene

Concen: 7.199 ng

RT: 14.69 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

Tgt Ion:165 Resp: 92956

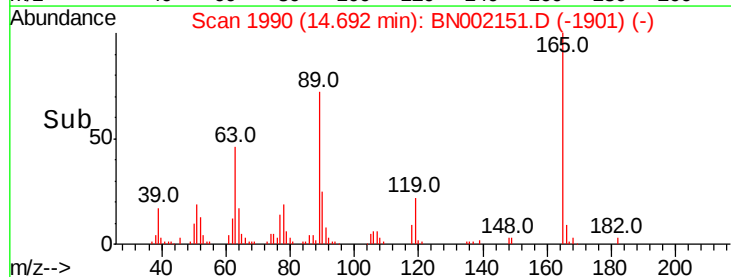
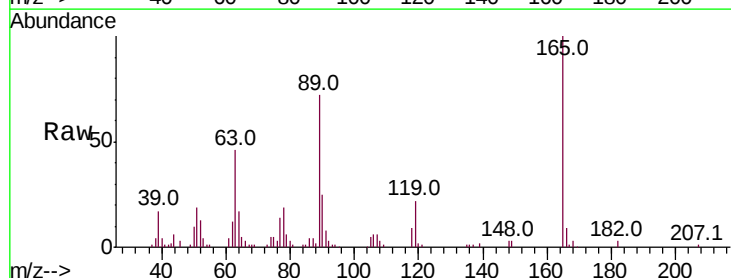
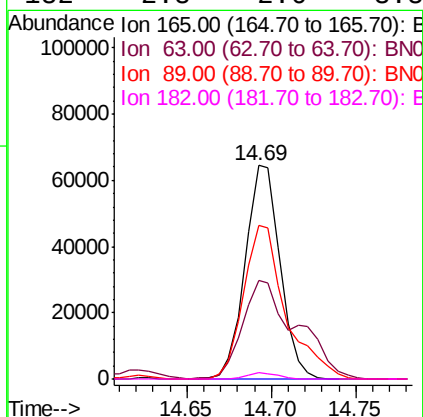
Ion Ratio Lower Upper

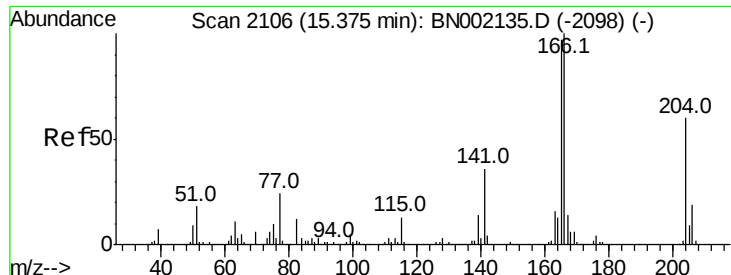
165 100

63 46.3 42.0 63.0

89 72.2 66.9 100.3

182 2.8 2.6 3.8





#57

Fluorene

Concen: 8.322 ng

RT: 15.37 min Scan# 2106

Delta R.T. -0.00 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2018

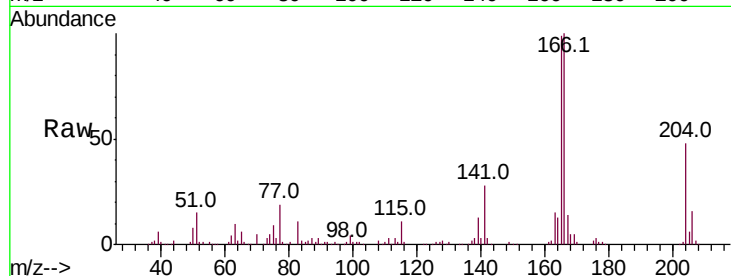
Tot Ion:166 Resp: 325534

Ion Ratio Lower Upper

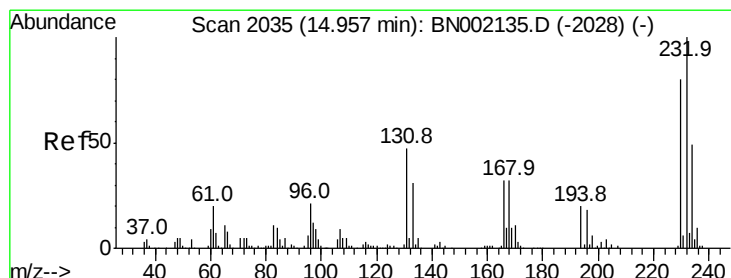
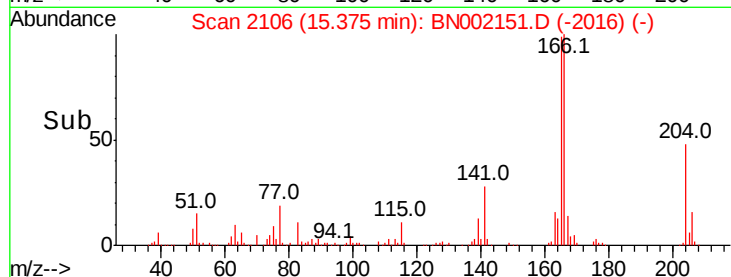
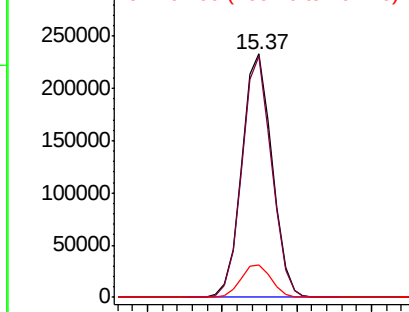
166 100

165 99.1 80.6 121.0

167 13.6 10.4 15.6



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 7.661 ng

RT: 14.95 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

Tgt Ion:232 Resp: 81171

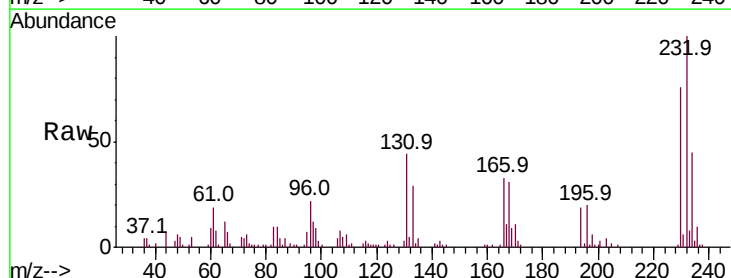
Ion Ratio Lower Upper

232 100

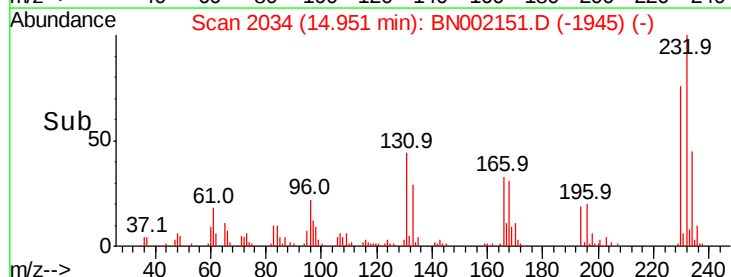
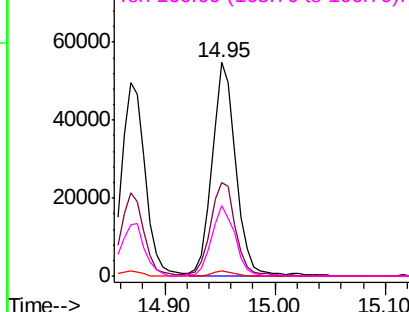
131 46.2 33.5 50.3

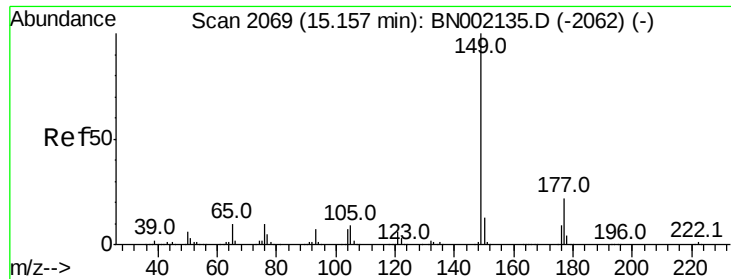
130 2.2 2.2 3.2

166 32.1 24.8 37.2



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

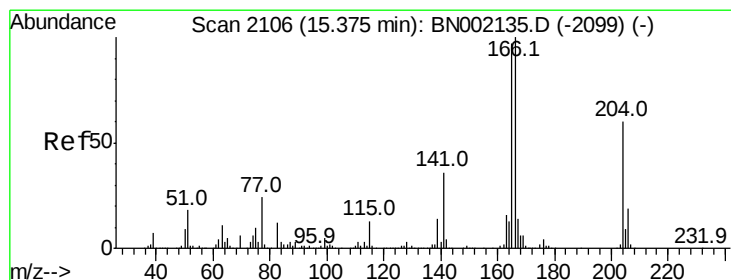
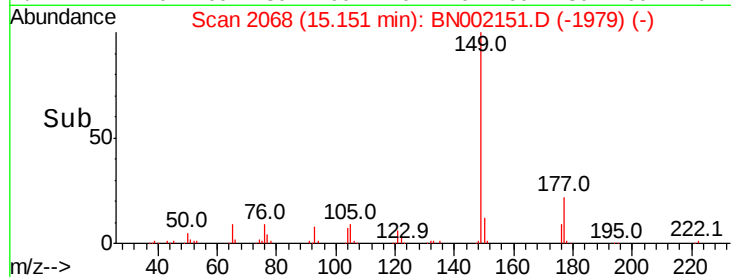
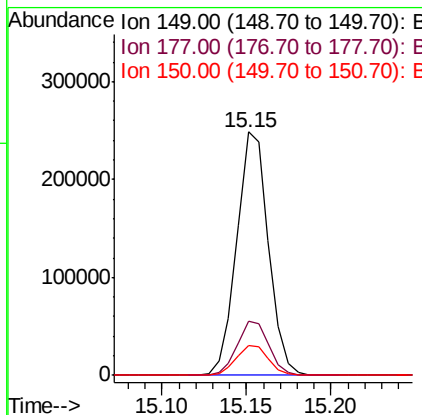
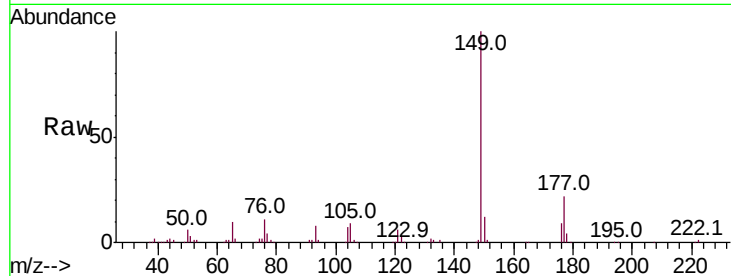




#59
Diethylphthalate
Concen: 7.422 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

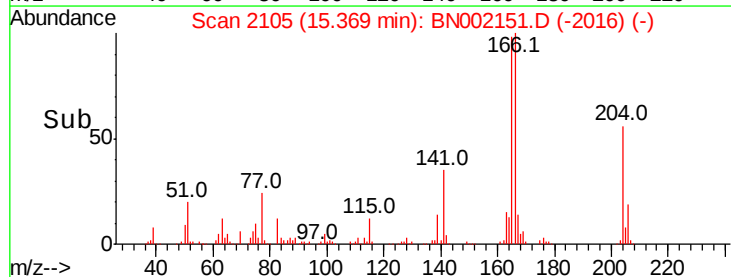
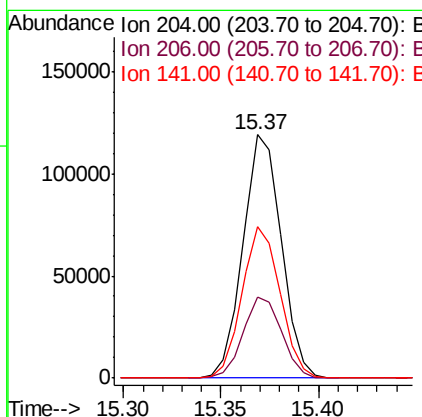
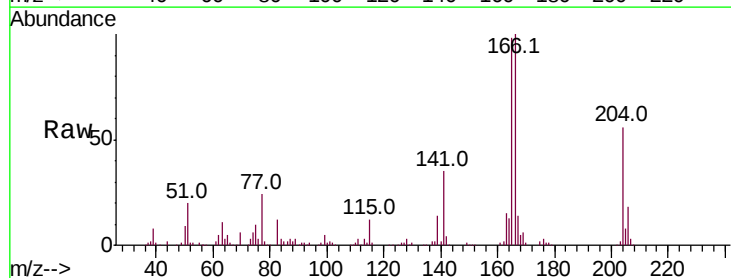
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2018

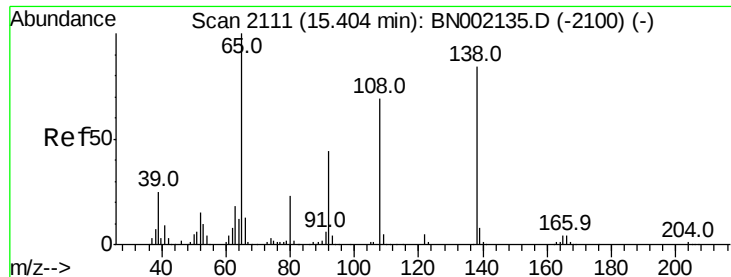
Tot Ion:149 Resp: 323524
Ion Ratio Lower Upper
149 100
177 22.0 18.5 27.7
150 12.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 7.499 ng
RT: 15.37 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

Tgt Ion:204 Resp: 162307
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 62.5 45.8 68.6

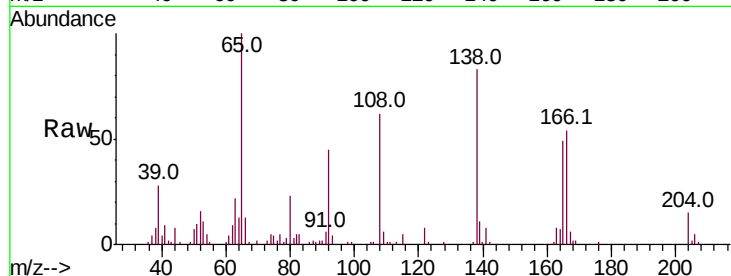




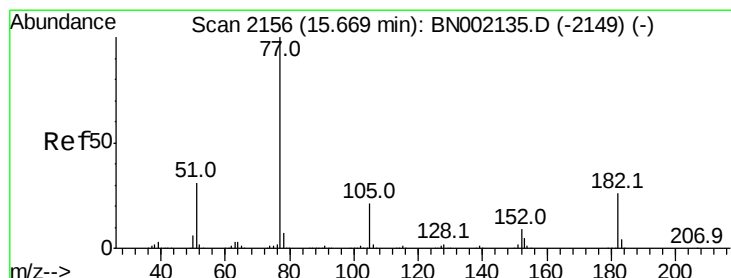
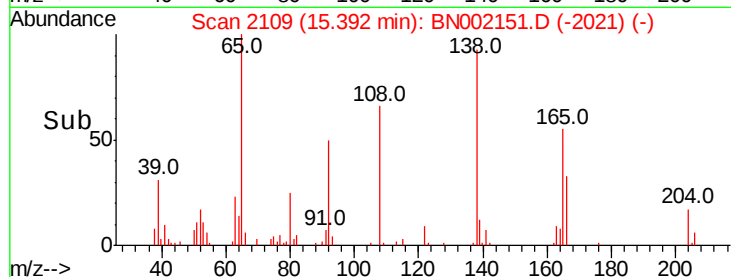
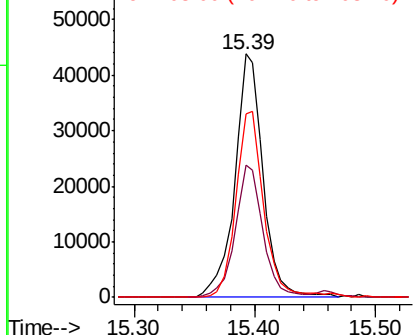
#61
4-Nitroaniline
Concen: 6.768 ng
RT: 15.39 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tot Ion:138 Resp: 71124
Ion Ratio Lower Upper
138 100
92 54.4 40.1 80.1
108 75.5 65.4 105.4

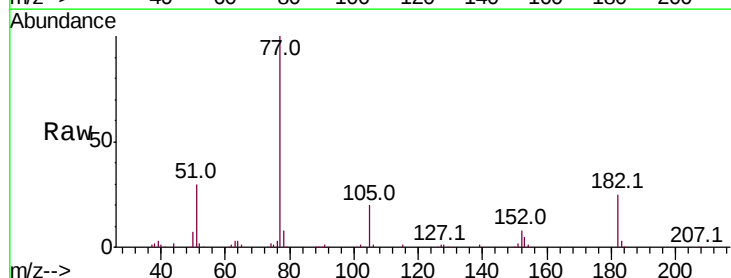


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BNO
Ion 108.00 (107.70 to 108.70): E

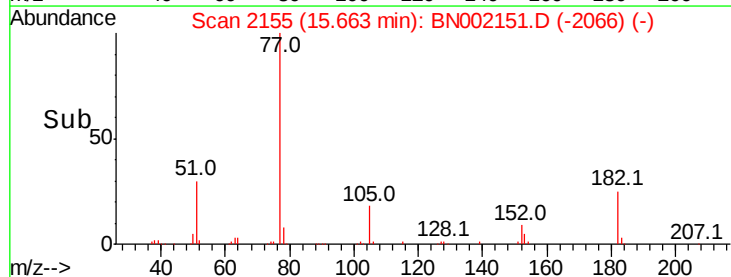
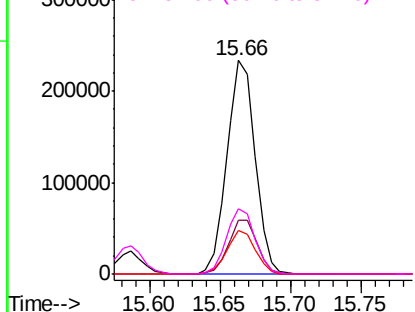


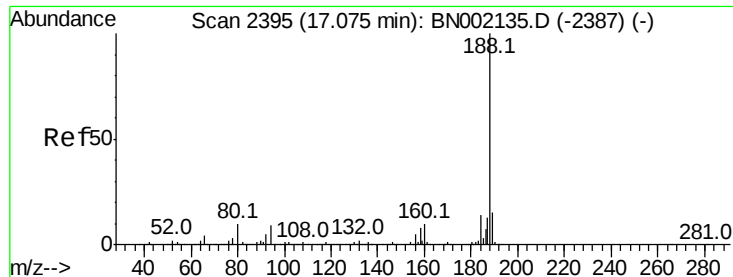
#62
Azobenzene
Concen: 7.730 ng
RT: 15.66 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

Tgt Ion: 77 Resp: 323326
Ion Ratio Lower Upper
77 100
182 25.0 7.4 47.4
105 20.2 0.3 40.3
51 30.5 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BNO
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BNO

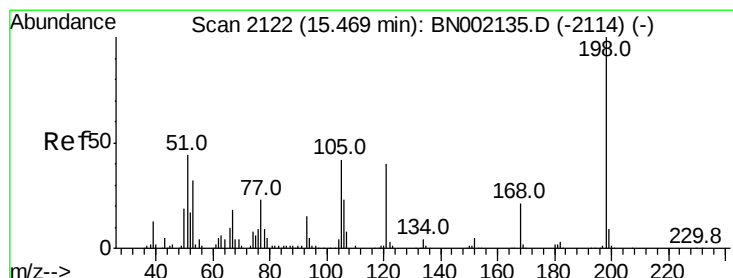
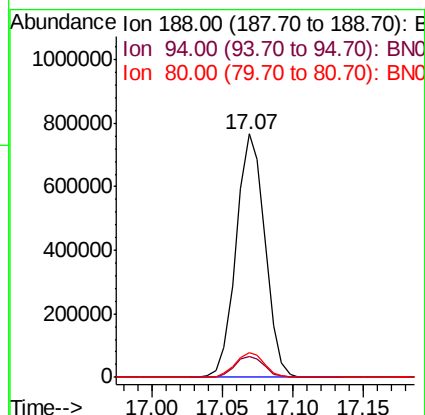
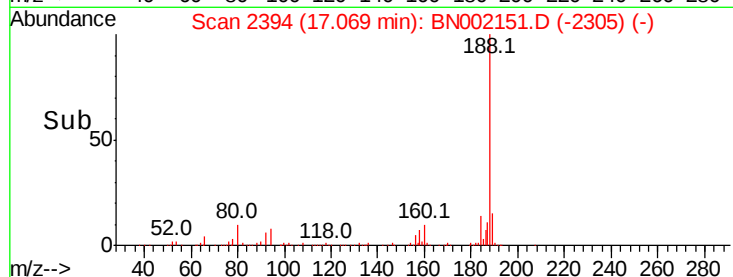
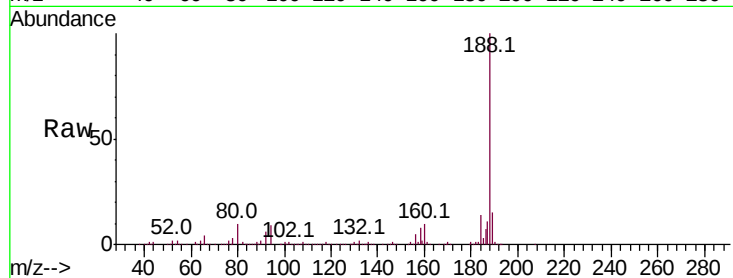




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

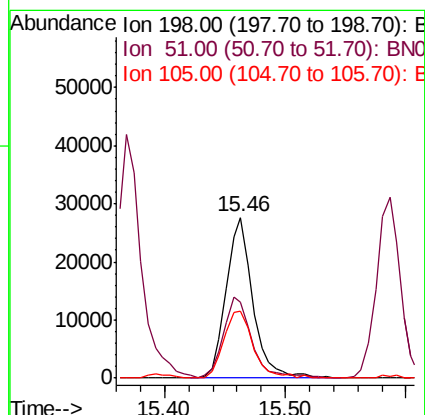
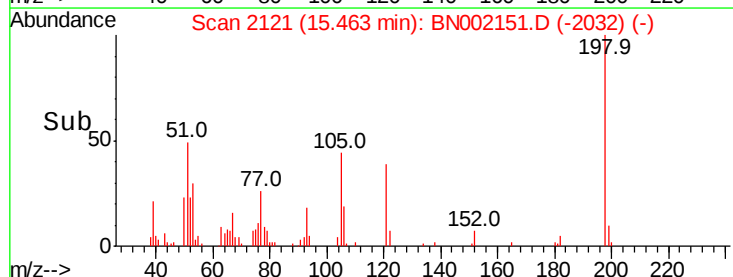
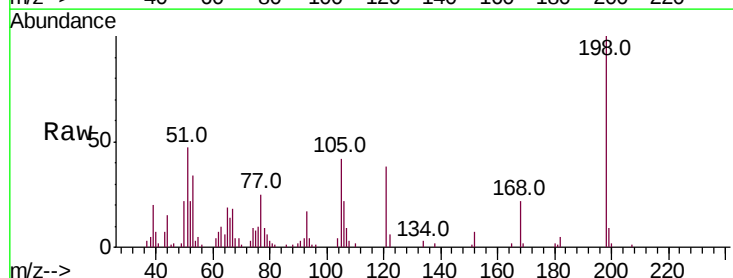
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2018

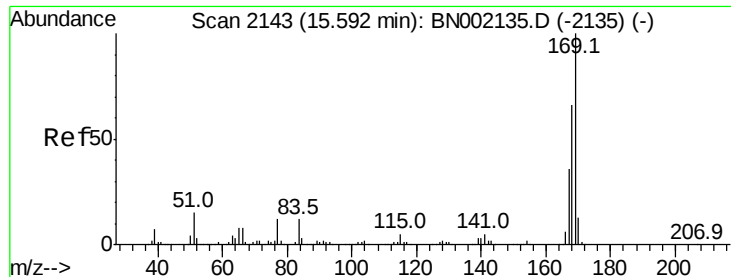
Tot Ion:188 Resp: 1087928
Ion Ratio Lower Upper
188 100
94 8.7 6.9 10.3
80 10.2 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 5.755 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

Tgt Ion:198 Resp: 42273
Ion Ratio Lower Upper
198 100
51 47.0 30.6 70.6
105 41.7 23.8 63.8

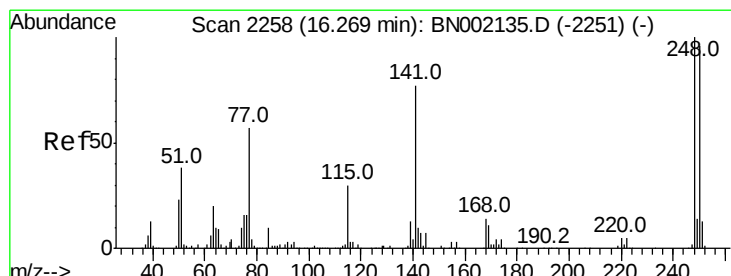
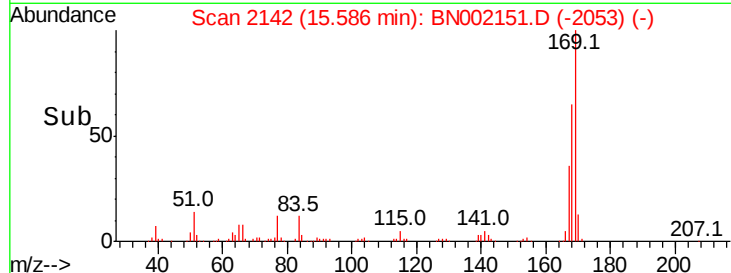
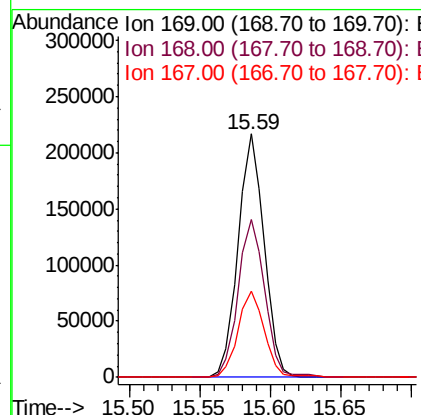
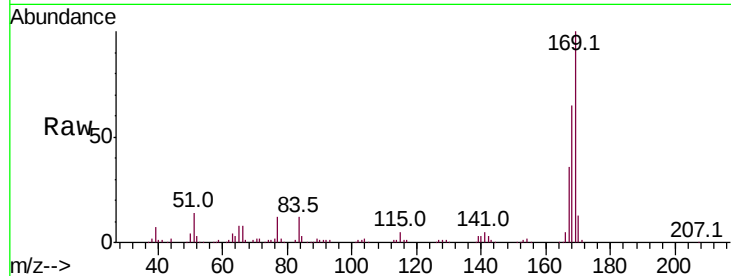




#65
 n-Nitrosodiphenylamine
 Concen: 7.719 ng
 RT: 15.59 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BN002151.D
 Acq: 26 Jul 2018 00:12

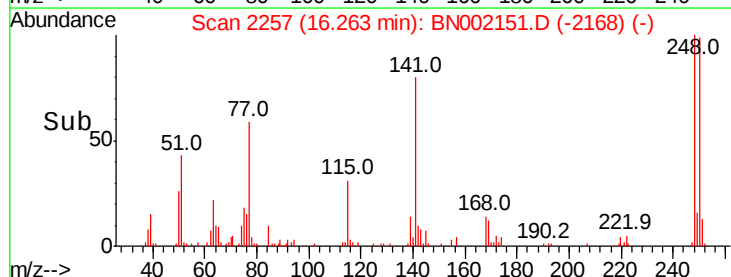
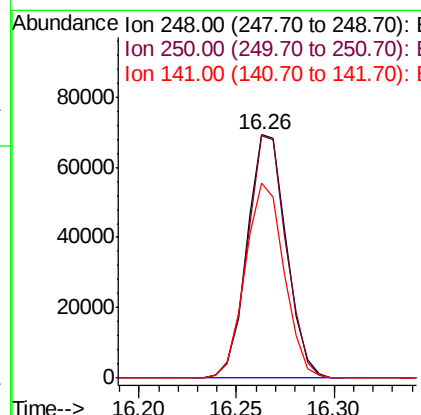
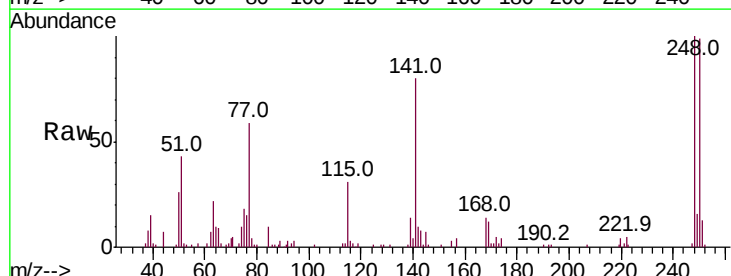
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2018

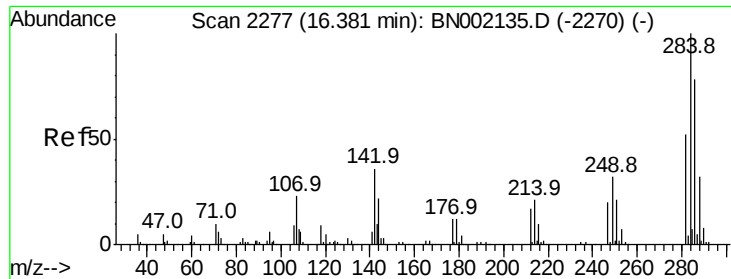
Tot Ion:169 Resp: 278661
 Ion Ratio Lower Upper
 169 100
 168 64.9 55.7 83.5
 167 35.5 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 7.546 ng
 RT: 16.26 min Scan# 2257
 Delta R.T. -0.01 min
 Lab File: BN002151.D
 Acq: 26 Jul 2018 00:12

Tgt Ion:248 Resp: 96102
 Ion Ratio Lower Upper
 248 100
 250 99.5 77.1 115.7
 141 80.1 50.8 76.2#

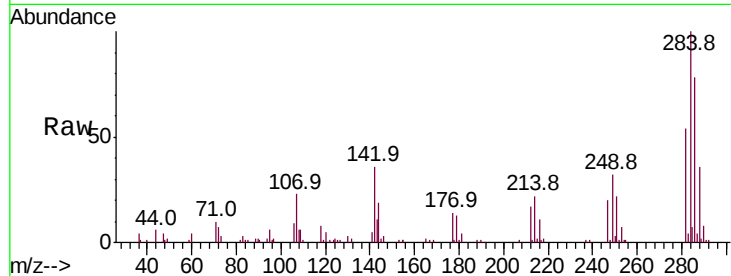




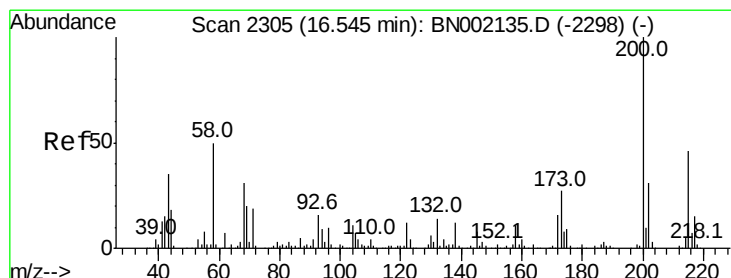
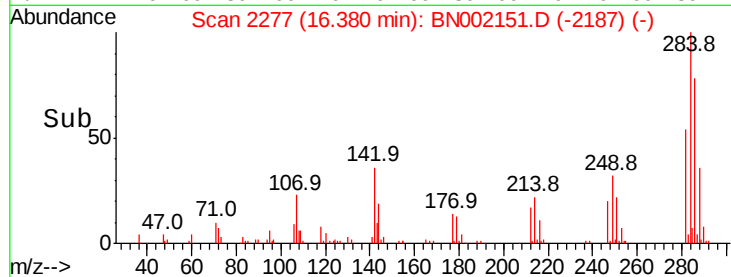
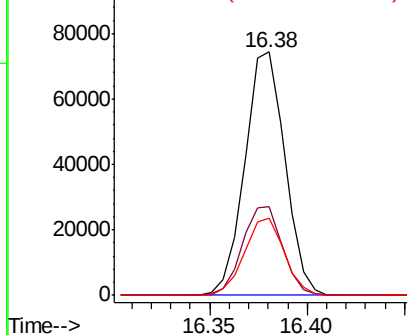
#67
Hexachlorobenzene
Concen: 7.528 ng
RT: 16.38 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tot Ion:284 Resp: 106042
Ion Ratio Lower Upper
284 100
142 36.3 26.8 40.2
249 31.9 26.3 39.5

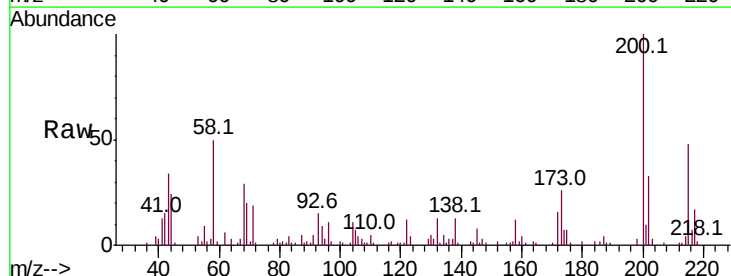


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

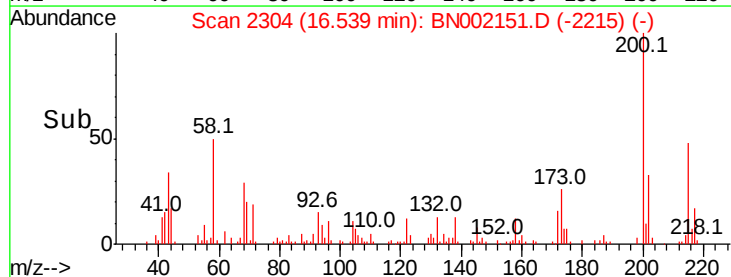
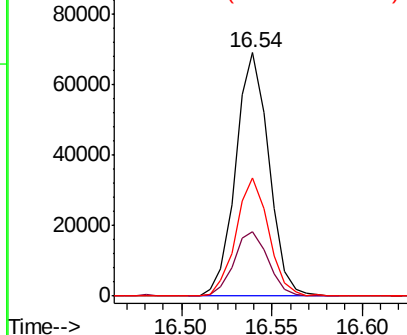


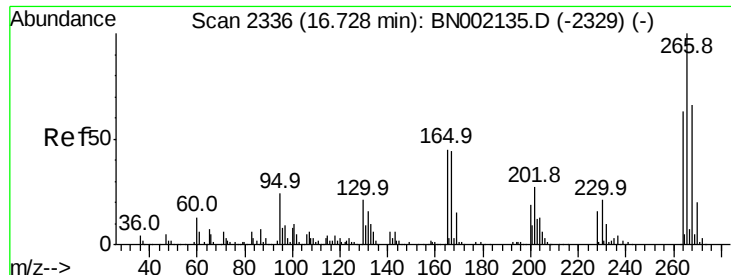
#68
Atrazine
Concen: 7.219 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

Tgt Ion:200 Resp: 87743
Ion Ratio Lower Upper
200 100
173 26.3 5.2 45.2
215 48.3 30.4 70.4



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





#69

Pentachlorophenol

Concen: 4.860 ng

RT: 16.73 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2018

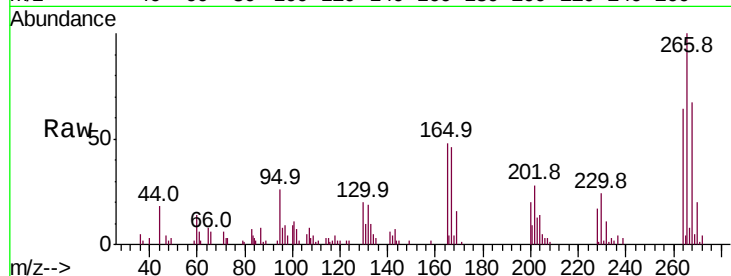
Tot Ion:266 Resp: 44072

Ion Ratio Lower Upper

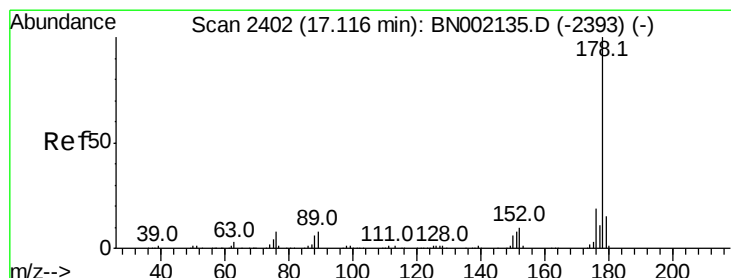
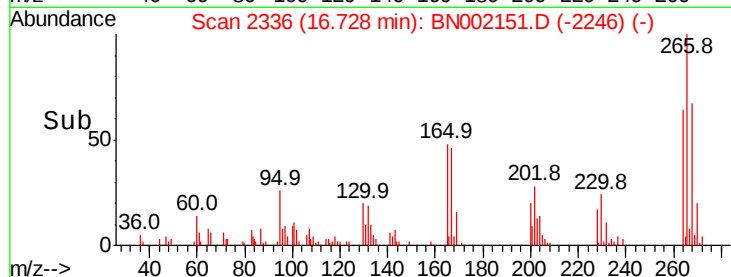
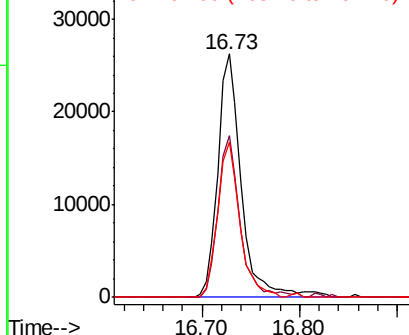
266 100

268 66.7 51.1 76.7

264 63.9 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 8.367 ng

RT: 17.11 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

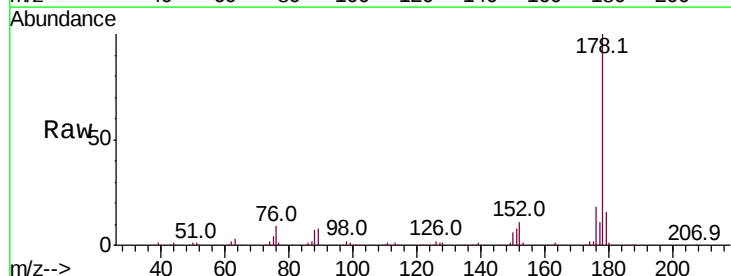
Tgt Ion:178 Resp: 496880

Ion Ratio Lower Upper

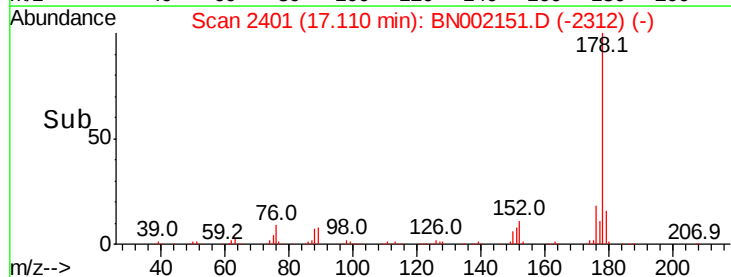
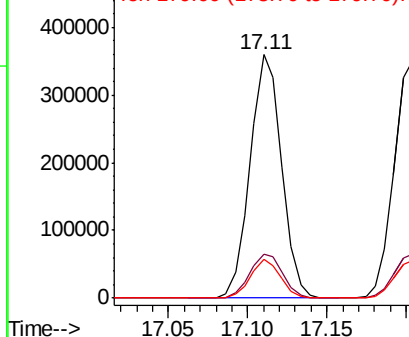
178 100

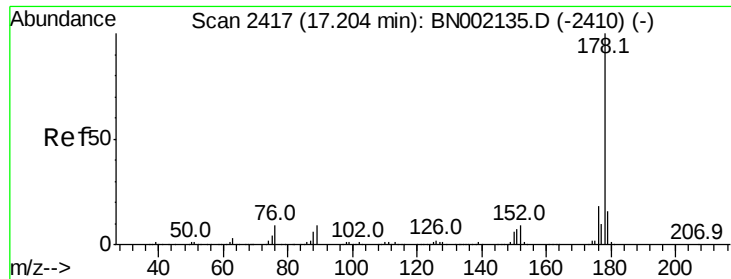
176 18.2 15.7 23.5

179 15.8 12.5 18.7



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

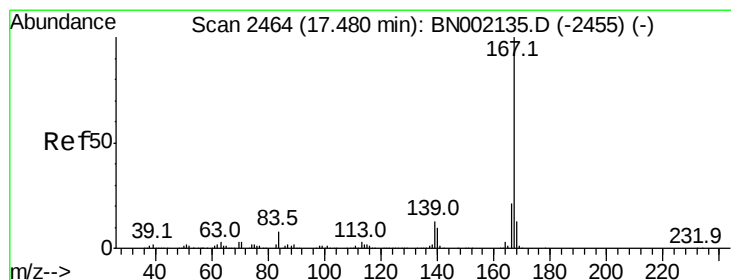
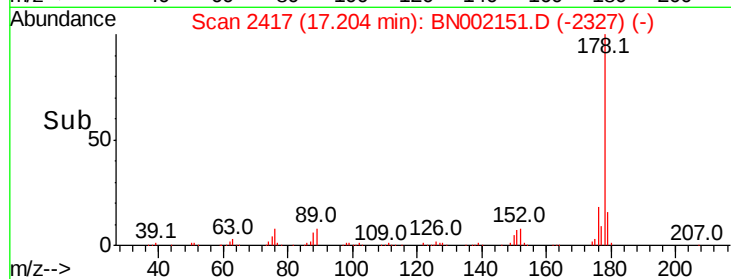
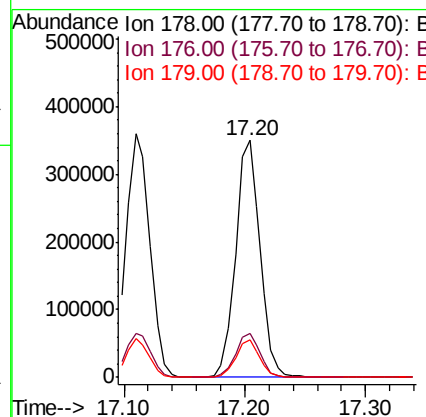
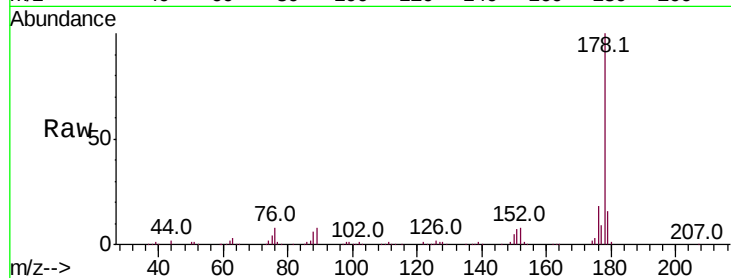




#71
 Anthracene
 Concen: 8.353 ng
 RT: 17.20 min Scan# 2417
 Delta R.T. -0.00 min
 Lab File: BN002151.D
 Acq: 26 Jul 2018 00:12

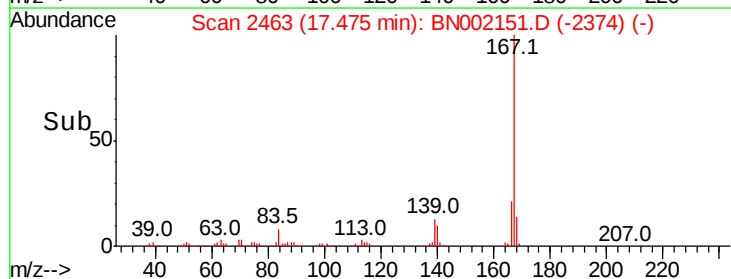
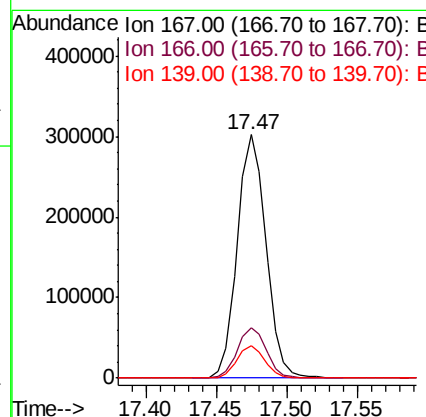
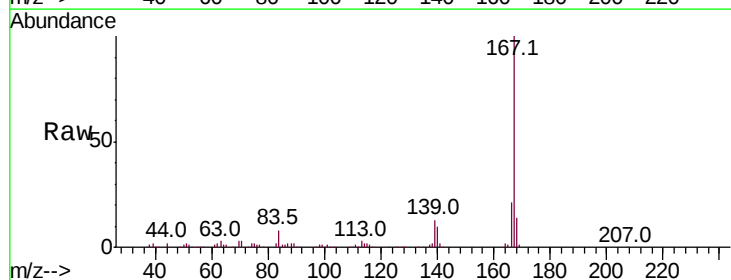
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2018

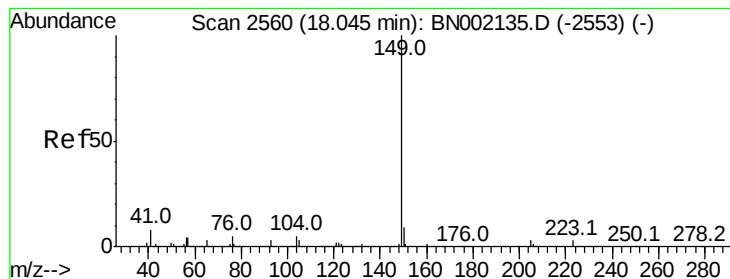
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.0	24.0
179	15.9	12.5	18.7



#72
 Carbazole
 Concen: 7.280 ng
 RT: 17.47 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BN002151.D
 Acq: 26 Jul 2018 00:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.7	18.2	27.4
139	13.3	9.4	14.2





#73

Di-n-butylphthalate

Concen: 6.952 ng

RT: 18.05 min Scan# 2560

Delta R.T. -0.00 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

Instrument:

BNA_N

ClientSampleId:

MDL-SOIL-03-QT3-2018

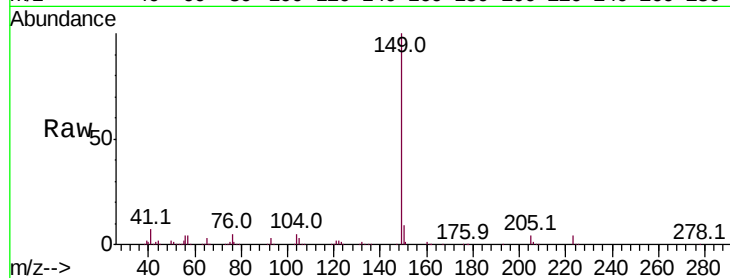
Tot Ion:149 Resp: 478263

Ion Ratio Lower Upper

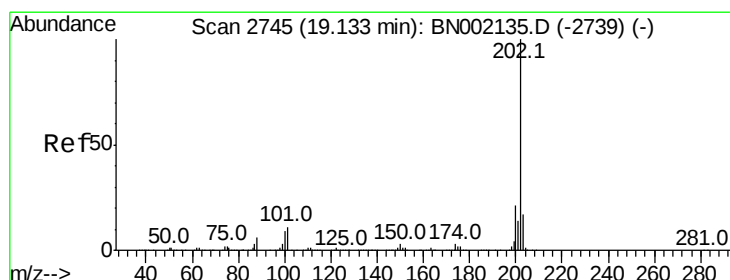
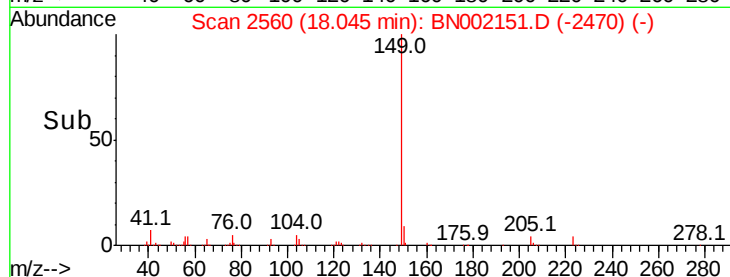
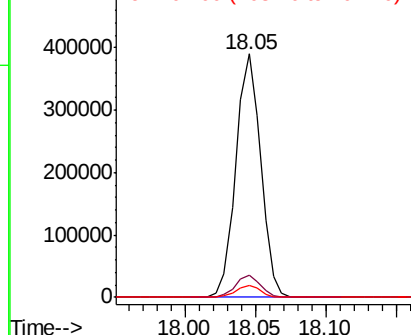
149 100

150 9.3 7.8 11.6

104 5.0 3.9 5.9



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



#74

Fluoranthene

Concen: 7.927 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.00 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

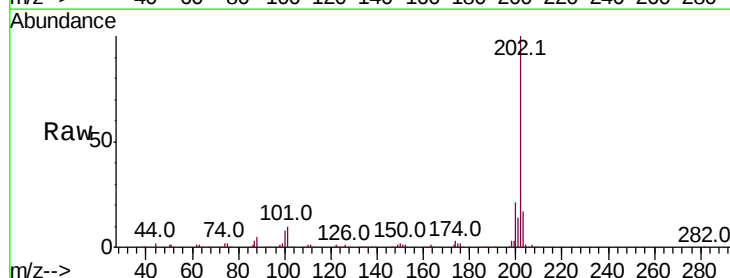
Tgt Ion:202 Resp: 511103

Ion Ratio Lower Upper

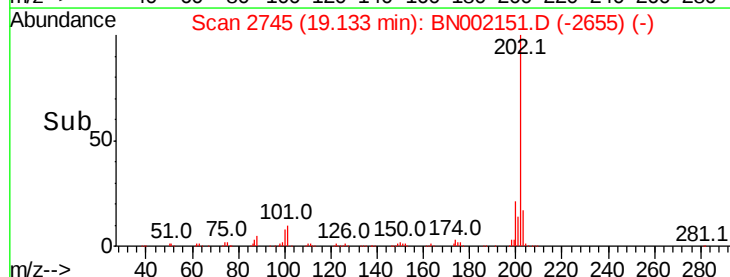
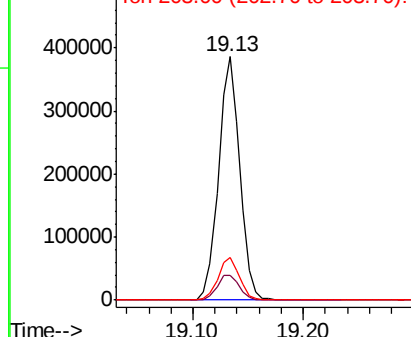
202 100

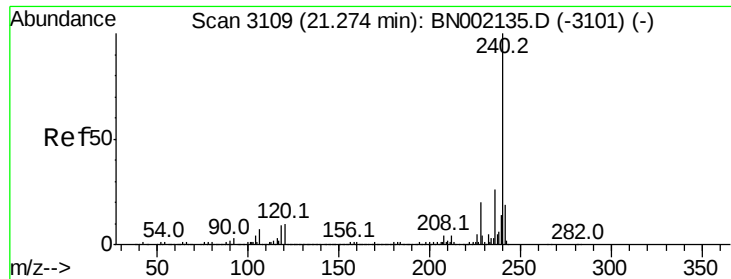
101 10.3 0.0 28.9

203 17.4 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2018

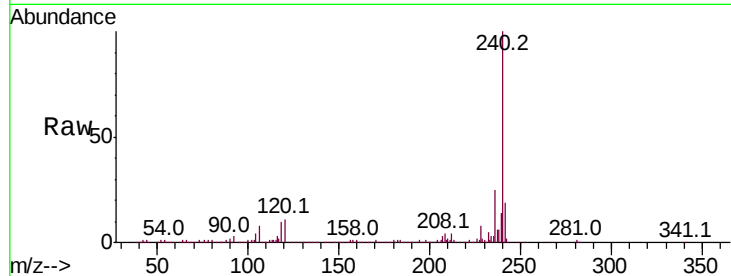
Tot Ion:240 Resp: 942300

Ion Ratio Lower Upper

240 100

120 10.6 6.8 10.2#

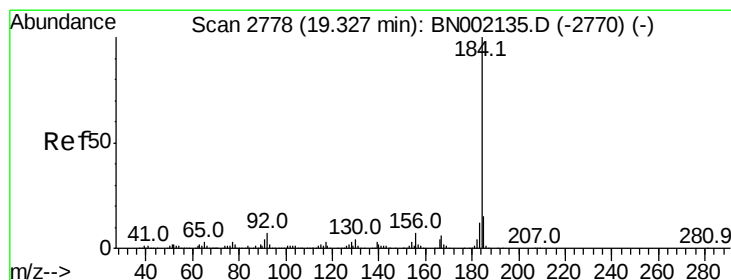
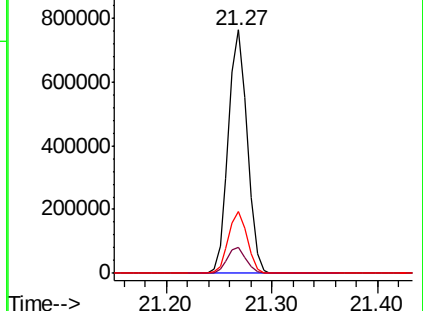
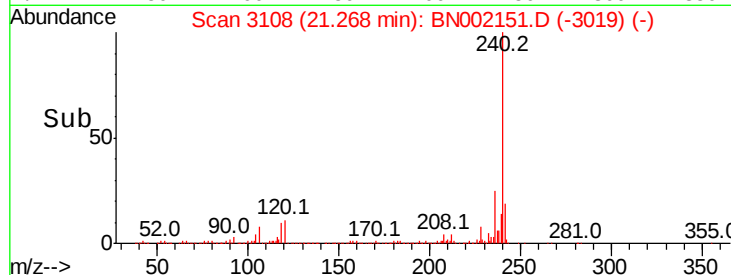
236 25.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 4.552 ng

RT: 19.32 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

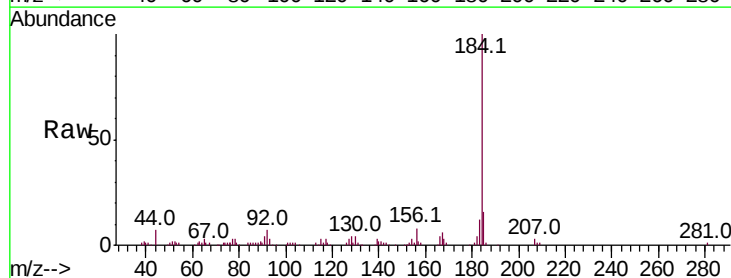
Tgt Ion:184 Resp: 139898

Ion Ratio Lower Upper

184 100

185 15.7 11.1 16.7

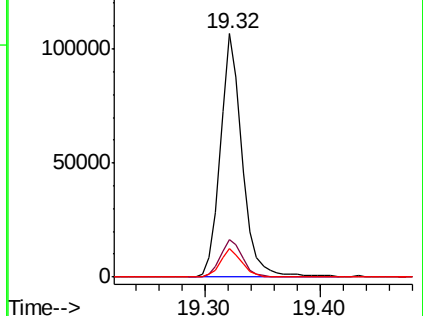
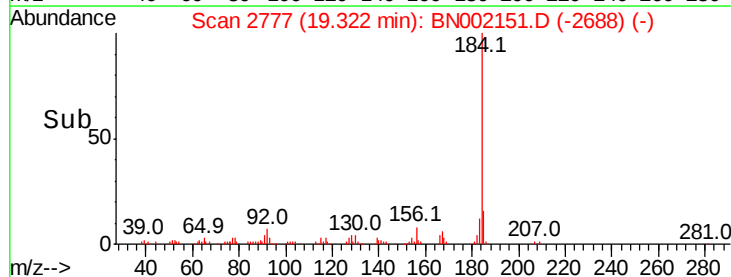
183 11.6 10.6 16.0

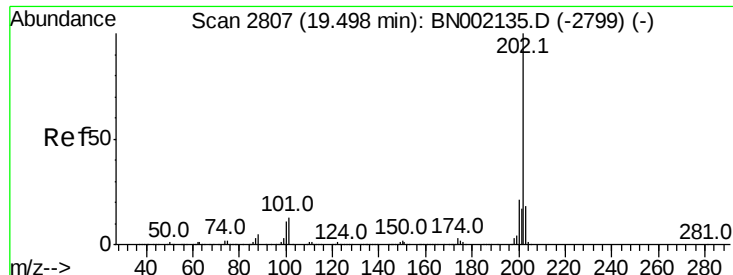


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

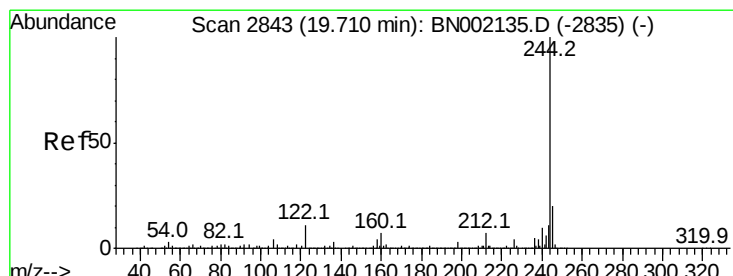
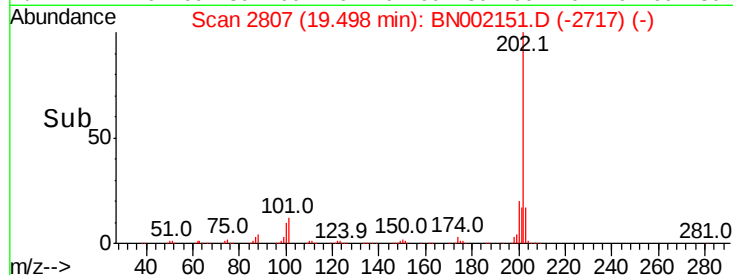
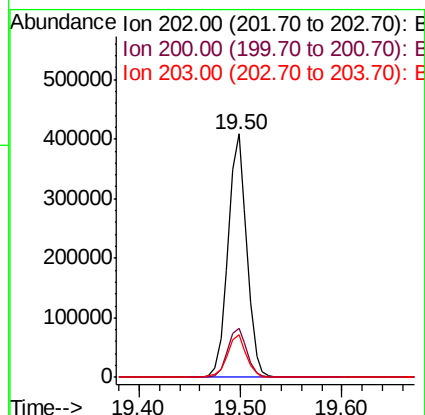
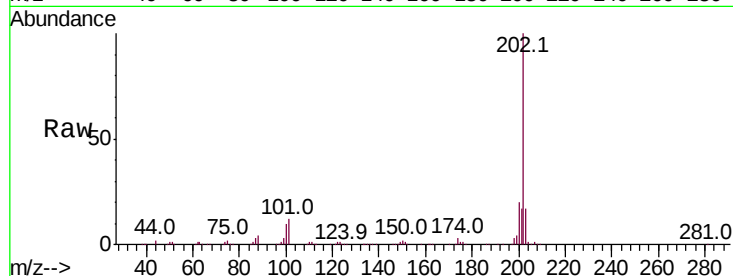




#77
Pvrene
Concen: 8.047 ng
RT: 19.50 min Scan# 2807
Delta R.T. -0.00 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

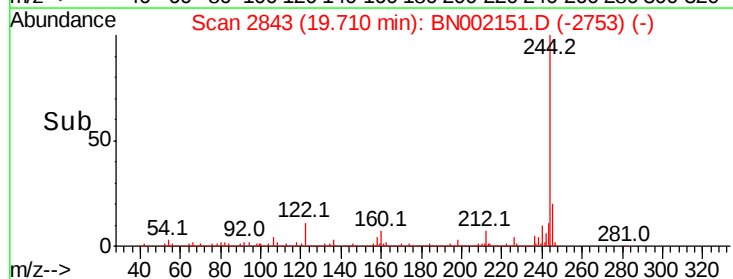
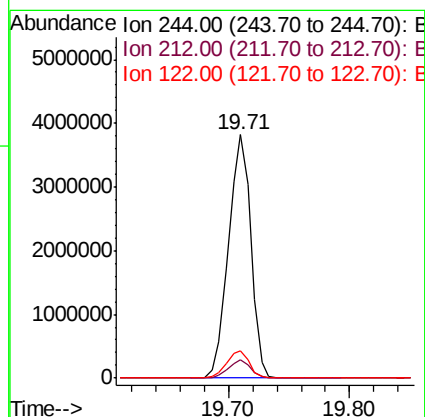
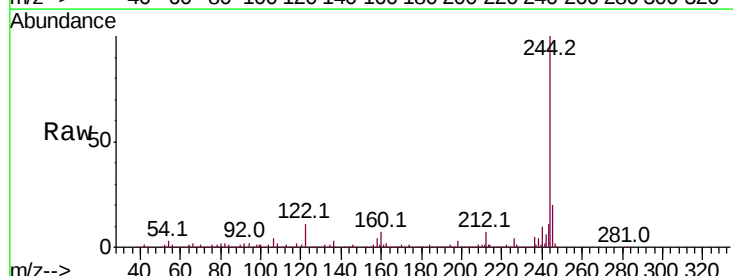
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2018

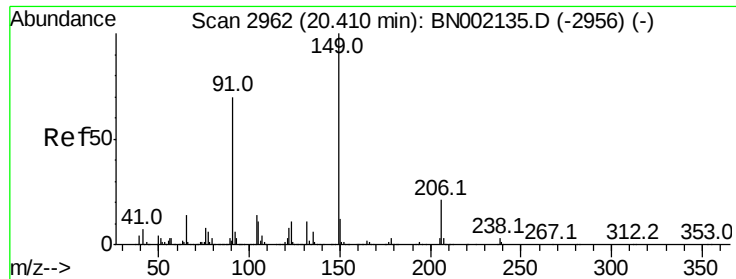
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.9	25.3
203	17.4	13.9	20.9



#78
Terphenyl-d14
Concen: 108.829 ng
RT: 19.71 min Scan# 2843
Delta R.T. -0.00 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	11.3	7.0	10.4

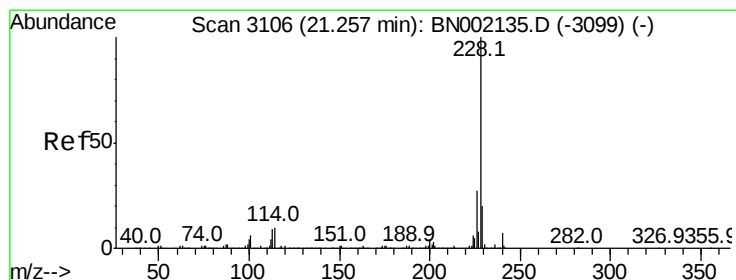
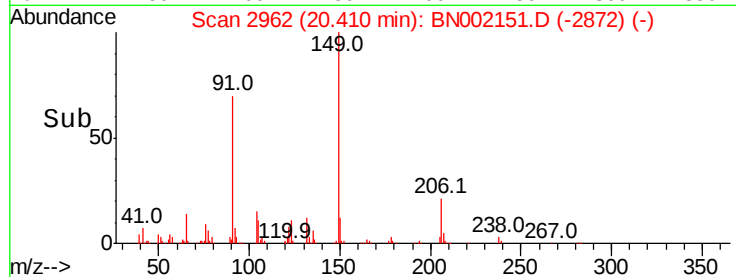
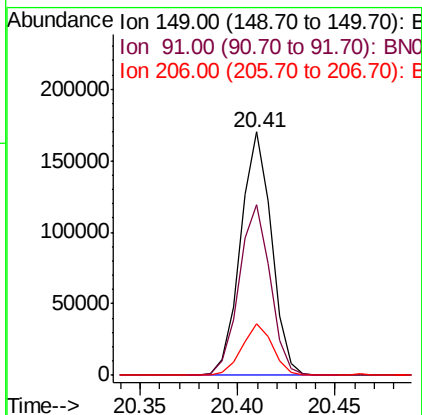
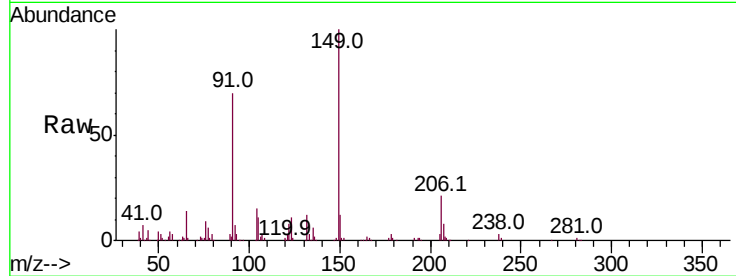




#79
Butylbenzylphthalate
Concen: 6.618 ng
RT: 20.41 min Scan# 2962
Delta R.T. -0.00 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

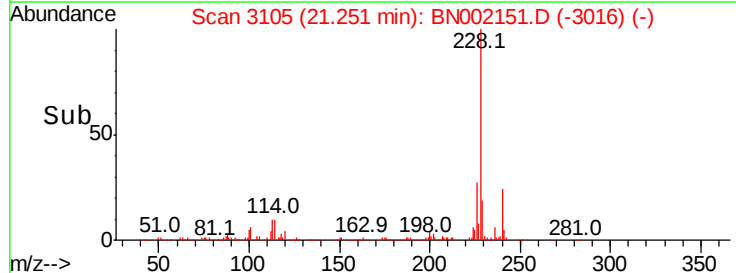
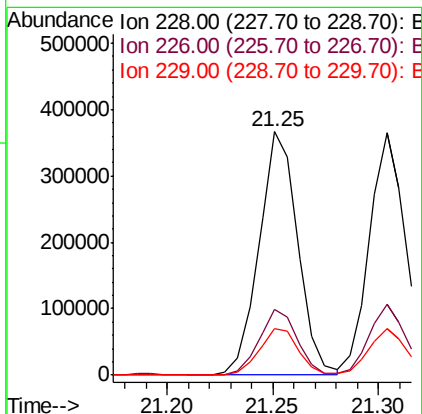
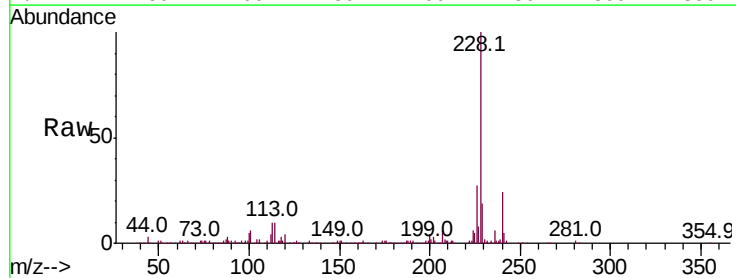
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2018

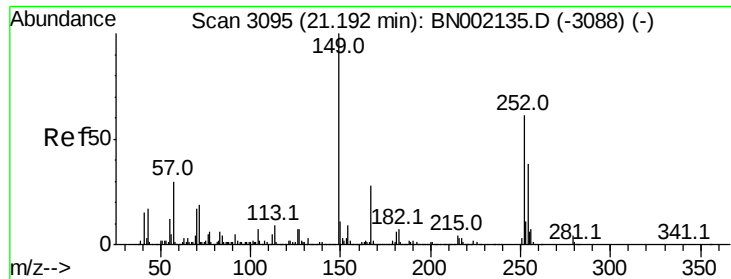
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.8	62.2	93.2
206	21.2	18.6	27.8



#80
Benzo(a)anthracene
Concen: 8.120 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.7	34.1
229	19.2	16.2	24.2

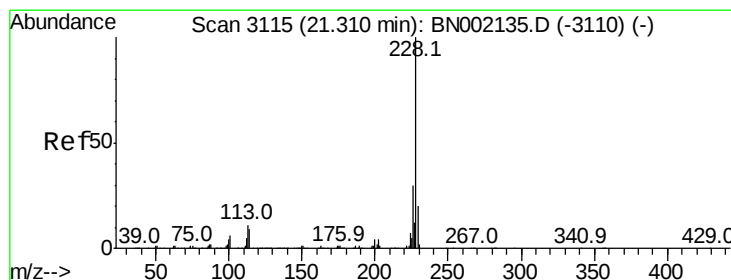
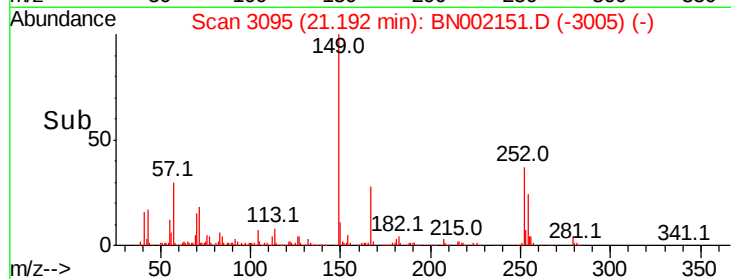
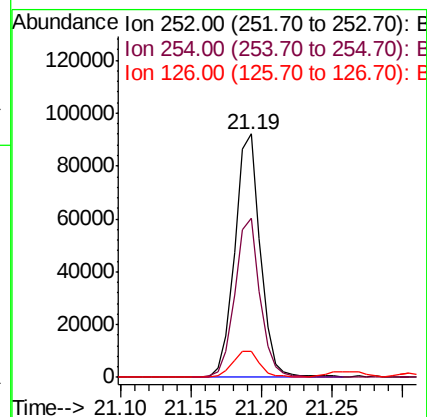
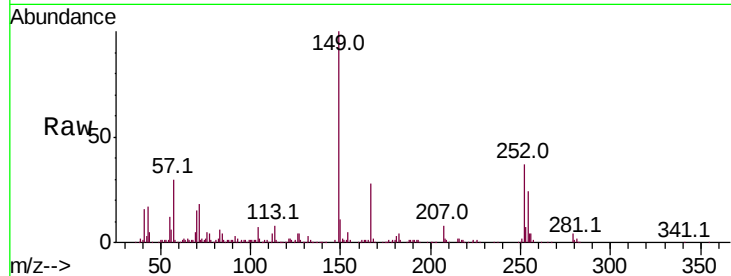




#81
 3,3'-Dichlorobenzidine
 Concen: 5.171 ng
 RT: 21.19 min Scan# 3095
 Delta R.T. -0.00 min
 Lab File: BN002151.D
 Acq: 26 Jul 2018 00:12

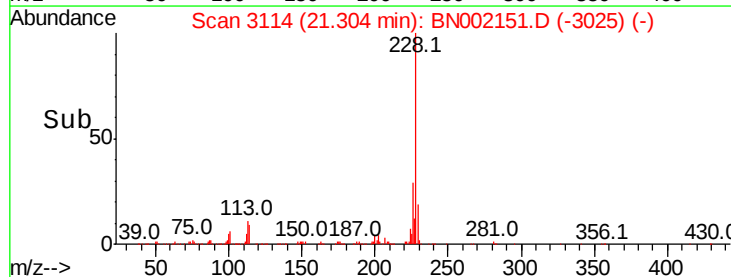
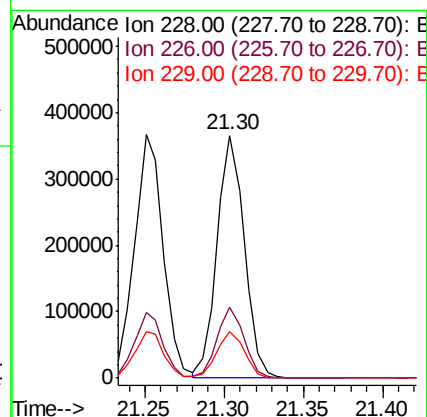
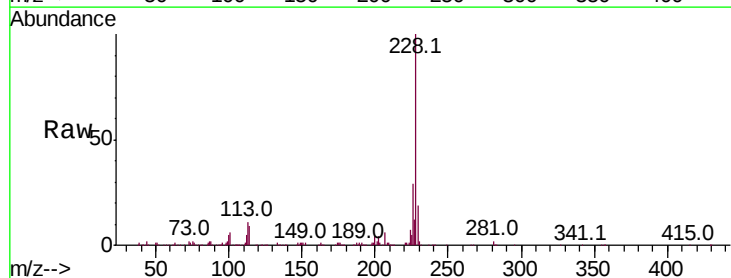
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2018

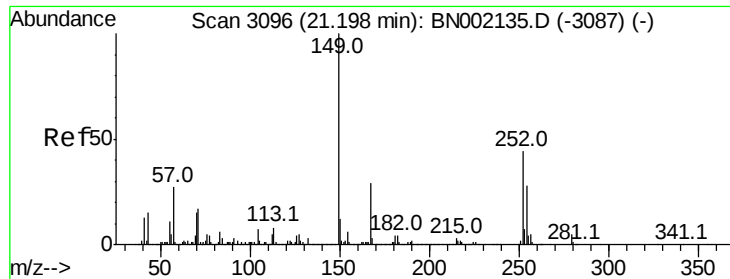
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	50.8	76.2
126	10.6	7.4	11.2



#82
 Chrysene
 Concen: 7.975 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BN002151.D
 Acq: 26 Jul 2018 00:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.9	37.3
229	19.2	15.0	22.4

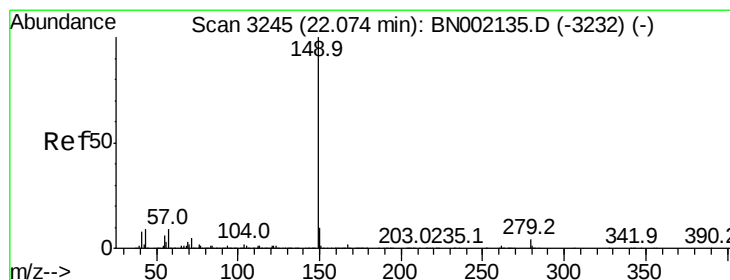
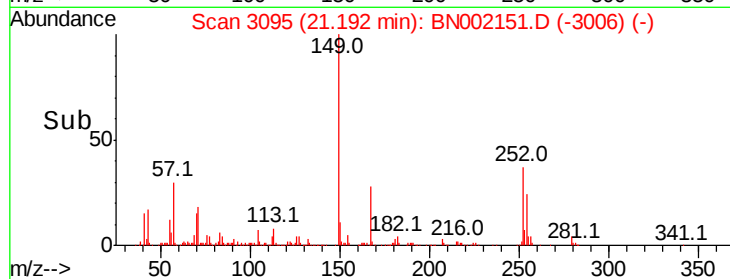
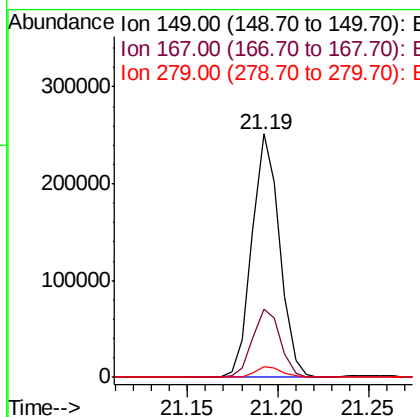
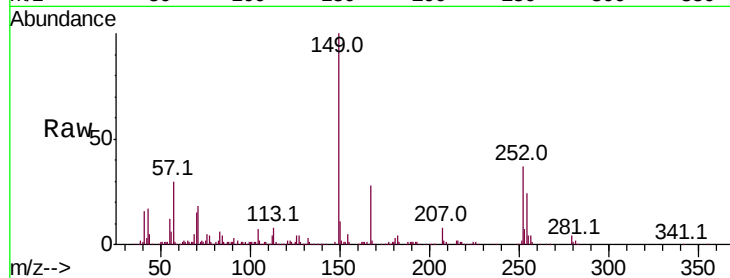




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.772 ng
 RT: 21.19 min Scan# 3095
 Delta R.T. -0.01 min
 Lab File: BN002151.D
 Acq: 26 Jul 2018 00:12

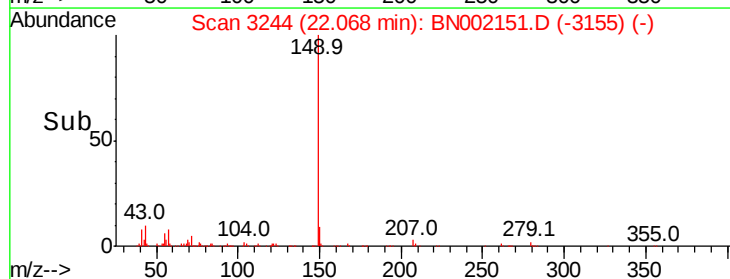
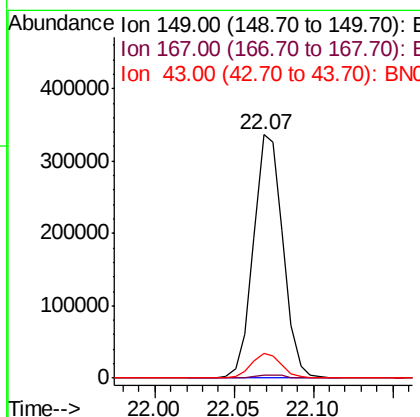
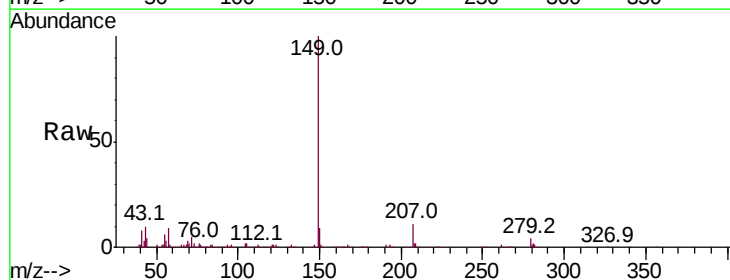
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2018

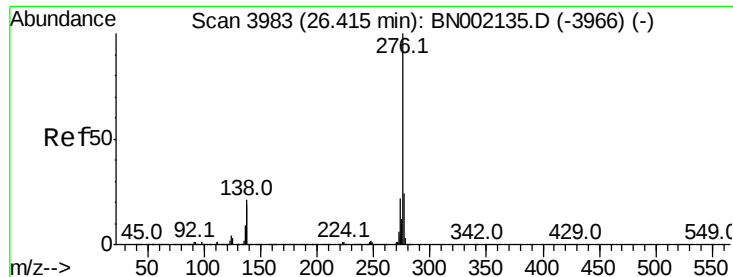
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.9	24.3	36.5
279	4.3	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 6.924 ng
 RT: 22.07 min Scan# 3244
 Delta R.T. -0.01 min
 Lab File: BN002151.D
 Acq: 26 Jul 2018 00:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	10.1	8.9	13.3

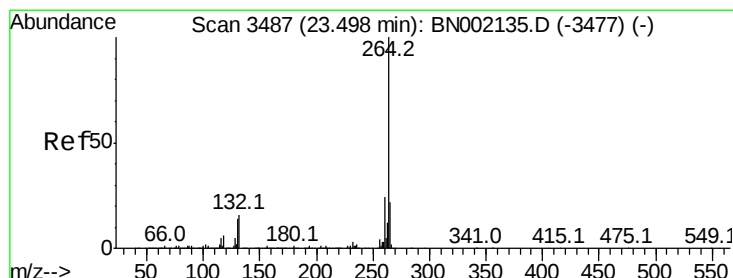
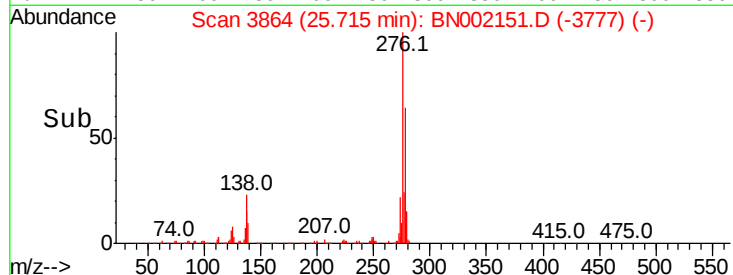
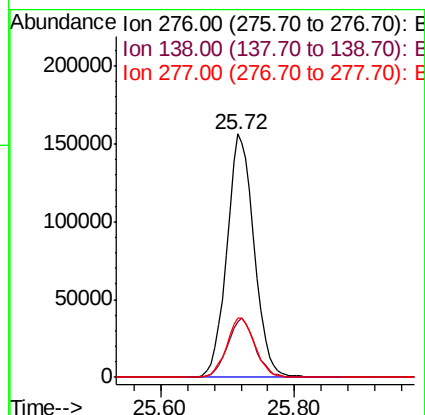
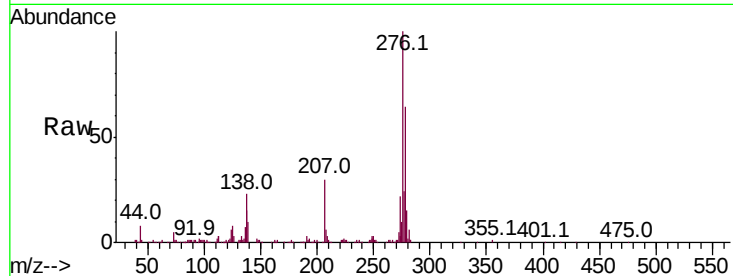




#85
Indeno(1,2,3-cd)pyrene
Concen: 8.368 ng
RT: 25.72 min Scan# 3864
Delta R.T. -0.02 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

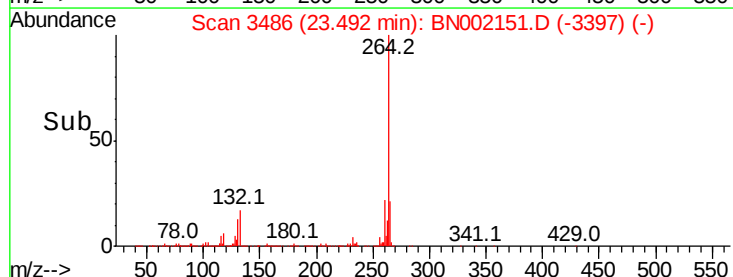
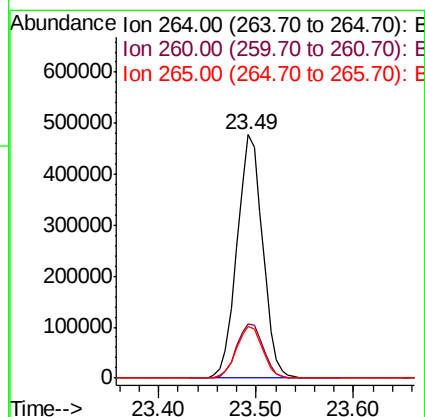
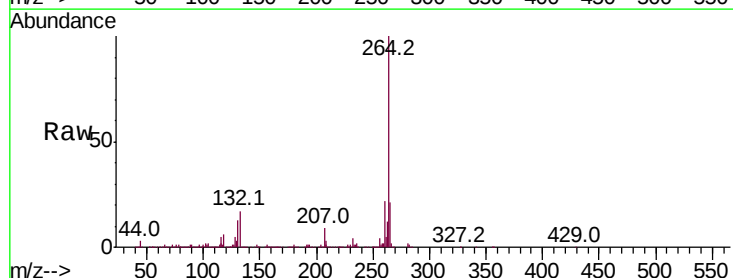
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2018

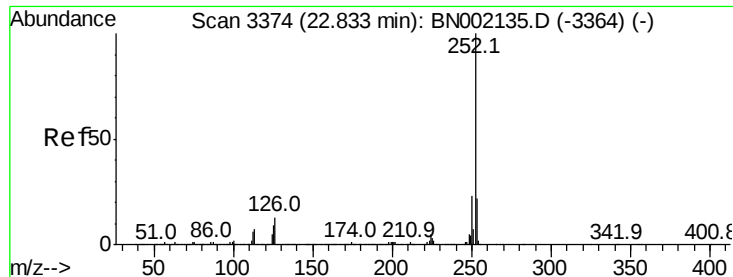
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	16.0	24.0#
277	25.2	20.0	30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.49 min Scan# 3486
Delta R.T. -0.01 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	21.1	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 8.387 ng

RT: 22.83 min Scan# 3373

Delta R.T. -0.01 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2018

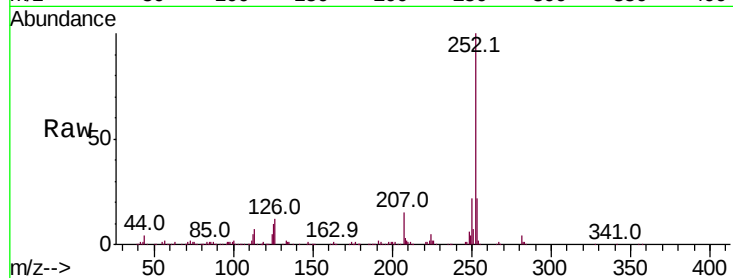
Tot Ion:252 Resp: 431483

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.4

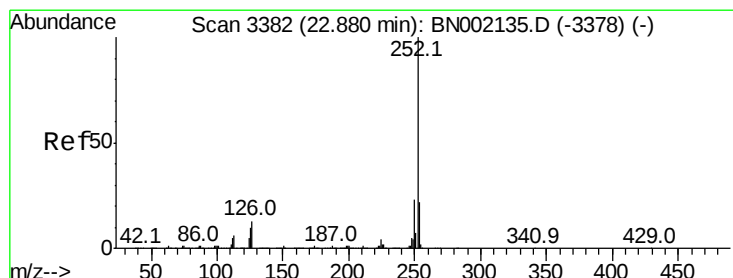
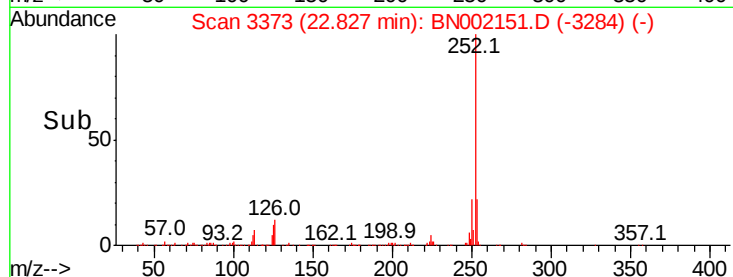
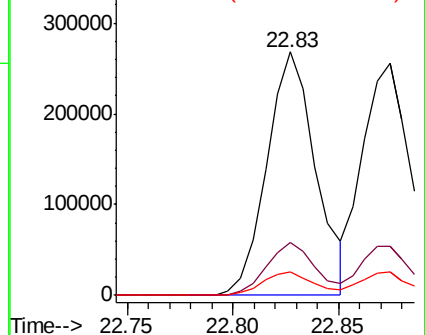
125 9.9 7.2 10.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 7.970 ng

RT: 22.87 min Scan# 3381

Delta R.T. -0.01 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

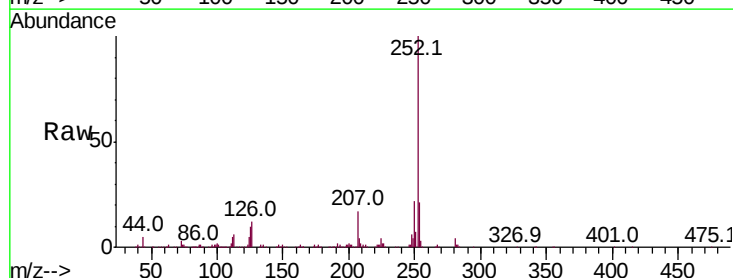
Tgt Ion:252 Resp: 403833

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

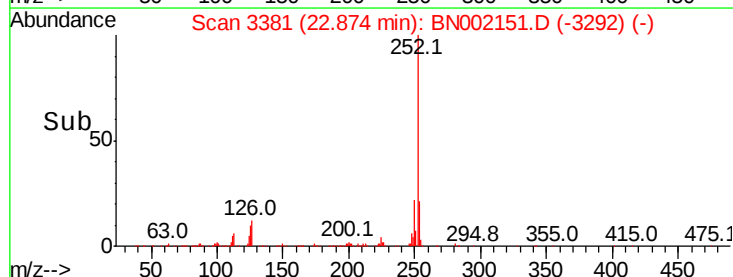
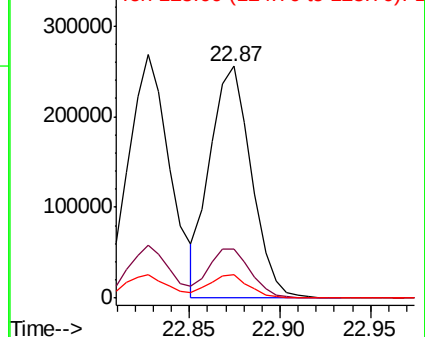
125 10.1 6.6 9.8#

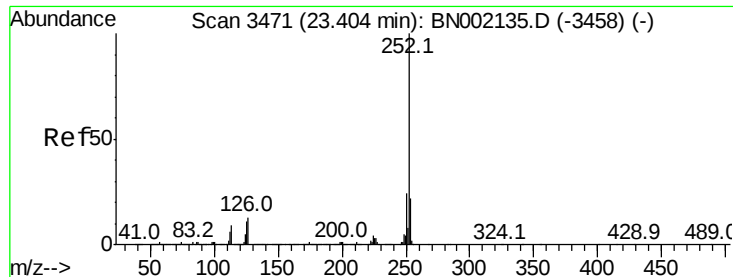


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

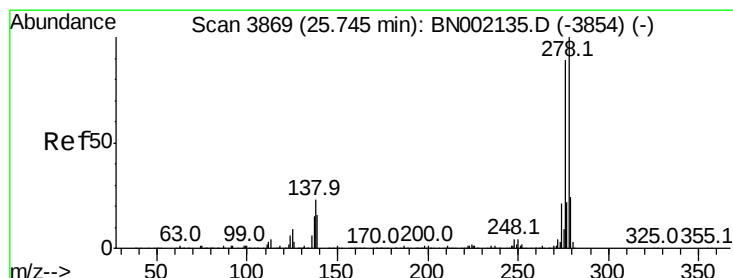
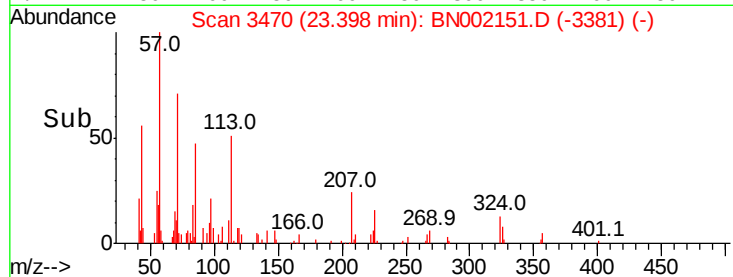
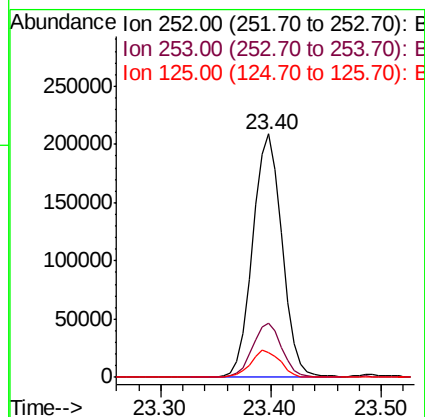
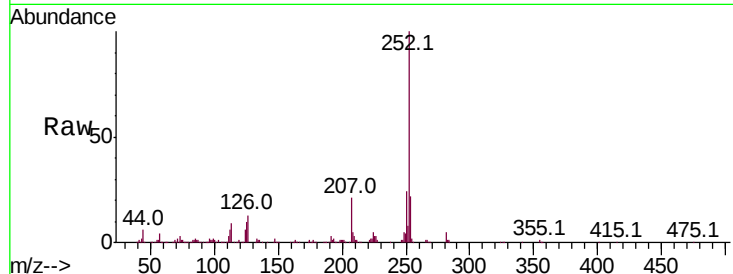




#89
Benzo(a)pyrene
Concen: 8.158 ng
RT: 23.40 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

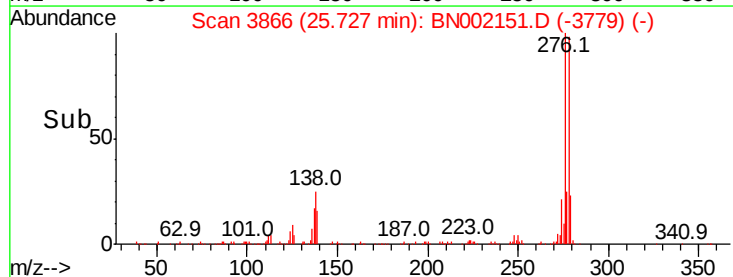
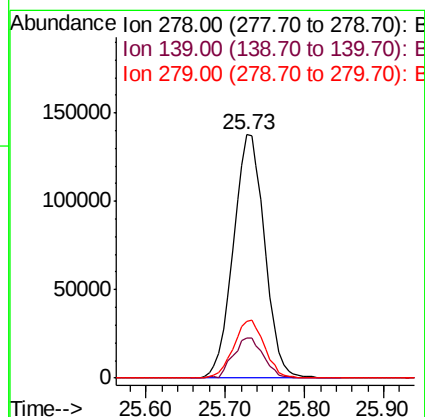
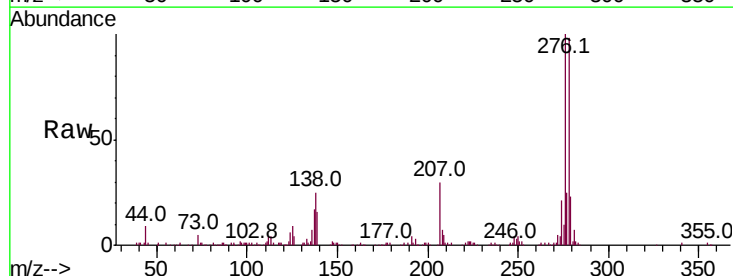
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2018

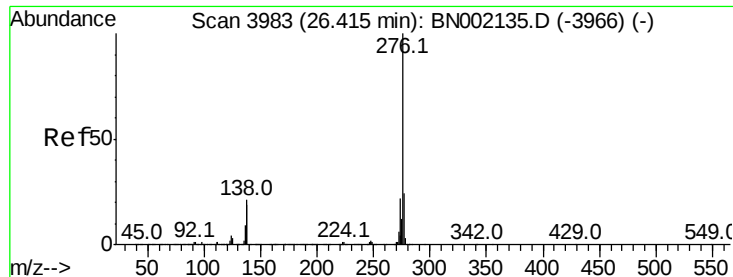
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	10.3	7.3	10.9



#90
Dibenzo(a,h)anthracene
Concen: 8.339 ng
RT: 25.73 min Scan# 3866
Delta R.T. -0.02 min
Lab File: BN002151.D
Acq: 26 Jul 2018 00:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	9.8	14.6#
279	23.3	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 8.356 ng

RT: 26.40 min Scan# 3980

Delta R.T. -0.02 min

Lab File: BN002151.D

Acq: 26 Jul 2018 00:12

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2018

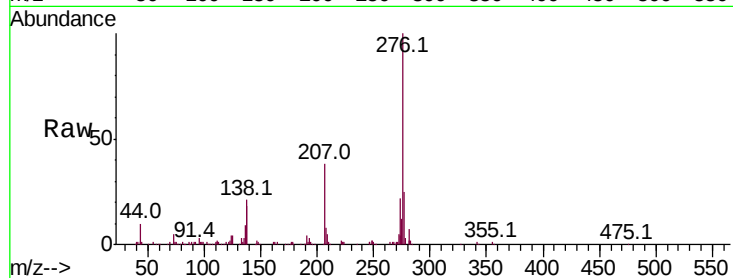
Tot Ion:276 Resp: 364277

Ion Ratio Lower Upper

276 100

277 25.0 18.3 27.5

138 20.9 13.9 20.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

