

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
 Data File : BG048539.D
 Acq On : 1 Apr 2021 11:20
 Operator : CG/JU
 Sample : M1458-03
 Misc : MDL-MDL-SOIL-4PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

Quant Time: Apr 01 12:02:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 01 11:19:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.096	152	15172	20.00	ng	# 0.00
21) Naphthalene-d8	10.923	136	61956	20.00	ng	0.00
39) Acenaphthene-d10	14.748	164	46735	20.00	ng	0.00
64) Phenanthrene-d10	17.503	188	111552	20.00	ng	# 0.00
76) Chrysene-d12	21.798	240	112593	20.00	ng	# 0.00
86) Perylene-d12	25.141	264	113241	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	78245	91.05	ng	0.00
7) Phenol-d6	7.245	99	105138	84.36	ng	0.00
23) Nitrobenzene-d5	9.266	82	80934	63.25	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	52300	85.13	ng	0.00
45) 2-Fluorobiphenyl	13.373	172	204468	65.03	ng	0.00
79) Terphenyl-d14	20.112	244	414088	67.26	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.514	88	1733	5.01	ng	91
3) Pyridine	3.937	79	2991	3.45	ng	96
4) n-Nitrosodimethylamine	3.825	42	2684	4.74	ng	# 77
6) Aniline	7.415	93	6484	4.53	ng	99
8) 2-Chlorophenol	7.656	128	4589	4.73	ng	97
9) Benzaldehyde	7.227	77	4440	5.57	ng	# 84
10) Phenol	7.268	94	5174	4.15	ng	86
11) bis(2-Chloroethyl)ether	7.503	93	3621	4.18	ng	# 79
12) 1,3-Dichlorobenzene	7.985	146	5421	4.96	ng	# 68
13) 1,4-Dichlorobenzene	8.138	146	4792	4.34	ng	90
14) 1,2-Dichlorobenzene	8.138	146	4792	4.54	ng	92
15) Benzyl Alcohol	8.326	79	3779	3.70	ng	# 82
16) 2,2'-oxybis(1-Chloropr...	8.625	45	3946	4.72	ng	84
17) 2-Methylphenol	8.537	107	3445	4.27	ng	# 80
18) Hexachloroethane	9.195	117	1980	4.83	ng	# 75
19) n-Nitroso-di-n-propyla...	8.901	70	3456	4.02	ng	# 88
20) 3+4-Methylphenols	8.854	107	4637	4.14	ng	# 81
22) Acetophenone	8.925	105	6430	4.03	ng	# 90
24) Nitrobenzene	9.313	77	6466	5.15	ng	90
25) Isophorone	9.830	82	9674	4.09	ng	# 90
26) 2-Nitrophenol	10.030	139	2547	4.41	ng	# 87
27) 2,4-Dimethylphenol	10.071	122	3582	3.95	ng	# 74
28) bis(2-Chloroethoxy)met...	10.312	93	5859	5.41	ng	# 77
29) 2,4-Dichlorophenol	10.564	162	4201	4.09	ng	96
30) 1,2,4-Trichlorobenzene	10.782	180	5556	4.70	ng	98
31) Naphthalene	10.975	128	14705	4.62	ng	# 94
32) Benzoic acid	10.229	122	148	0.21	ng	# 1
33) 4-Chloroaniline	11.081	127	6259	4.66	ng	94
34) Hexachlorobutadiene	11.257	225	3568	4.14	ng	# 63
35) Caprolactam	11.822	113	1575	4.20	ng	84
36) 4-Chloro-3-methylphenol	12.192	107	4298	3.72	ng	# 83
37) 2-Methylnaphthalene	12.579	142	11585	4.57	ng	# 82
38) 1-Methylnaphthalene	12.797	142	10070	4.16	ng	# 90
40) 1,2,4,5-Tetrachloroben...	12.944	216	6180	4.27	ng	93
41) Hexachlorocyclopentadiene	12.920	237	3184	3.79	ng	83

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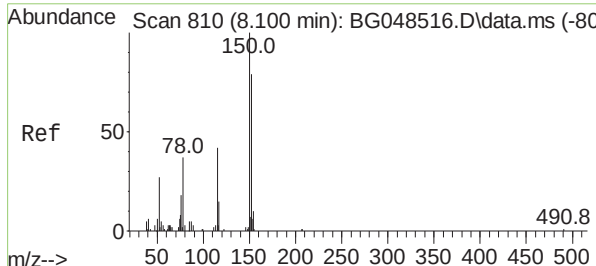
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 01 11:19:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.185	196	4115	4.13	ng	# 67
44) 2,4,5-Trichlorophenol	13.243	196	3818	3.58	ng	# 89
46) 1,1'-Biphenyl	13.584	154	15640	4.58	ng	91
47) 2-Chloronaphthalene	13.625	162	10892	4.19	ng	92
48) 2-Nitroaniline	13.825	65	3075	3.72	ng	91
49) Acenaphthylene	14.477	152	17577	4.31	ng	# 92
50) Dimethylphthalate	14.189	163	14477	4.17	ng	# 95
51) 2,6-Dinitrotoluene	14.307	165	3261	4.11	ng	# 87
52) Acenaphthene	14.818	154	11227	3.81	ng	95
53) 3-Nitroaniline	14.648	138	2914	3.74	ng	# 89
54) 2,4-Dinitrophenol	14.847	184	1107	2.48	ng	94
55) Dibenzofuran	15.147	168	19280	4.47	ng	# 87
56) 4-Nitrophenol	14.947	139	1935	3.08	ng	# 72
57) 2,4-Dinitrotoluene	15.100	165	4904	4.37	ng	# 91
58) Fluorene	15.793	166	15941	4.42	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.370	232	3842	3.70	ng	# 91
60) Diethylphthalate	15.552	149	16123	4.52	ng	98
61) 4-Chlorophenyl-phenyle...	15.787	204	7883	4.06	ng	# 88
62) 4-Nitroaniline	15.805	138	3079	3.78	ng	# 83
63) Azobenzene	16.075	77	14700	4.19	ng	92
65) 4,6-Dinitro-2-methylph...	15.864	198	2049	3.06	ng	83
66) n-Nitrosodiphenylamine	15.993	169	13942	4.39	ng	95
67) 4-Bromophenyl-phenylether	16.686	248	5551	4.49	ng	88
68) Hexachlorobenzene	16.798	284	6152	4.76	ng	# 83
69) Atrazine	16.945	200	5741	4.44	ng	91
70) Pentachlorophenol	17.151	266	2157	2.69	ng	# 89
71) Phenanthrene	17.544	178	25679	4.43	ng	97
72) Anthracene	17.544	178	25679	4.45	ng	97
73) Carbazole	17.903	167	22881	4.18	ng	# 93
74) Di-n-butylphthalate	18.455	149	26414	4.32	ng	98
75) Fluoranthene	19.554	202	31910	4.44	ng	93
77) Benzidine	19.730	184	12761	3.35	ng	96
78) Pyrene	19.912	202	32532	4.20	ng	100
80) Butylbenzylphthalate	20.793	149	10644	3.70	ng	# 93
81) Benzo(a)anthracene	21.775	228	32726	4.35	ng	97
82) 3,3'-Dichlorobenzidine	21.686	252	11982	4.64	ng	96
83) Chrysene	21.839	228	30758	4.28	ng	97
84) Bis(2-ethylhexyl)phtha...	21.681	149	16020	4.00	ng	94
85) Di-n-octyl phthalate	22.932	149	29078	4.16	ng	98
87) Indeno(1,2,3-cd)pyrene	28.948	276	34185	4.31	ng	# 93
88) Benzo(b)fluoranthene	24.137	252	30136	4.10	ng	95
89) Benzo(k)fluoranthene	24.137	252	30136	4.26	ng	95
90) Benzo(a)pyrene	24.977	252	28893	4.26	ng	93
91) Dibenzo(a,h)anthracene	29.037	278	28736	4.24	ng	99
92) Benzo(g,h,i)perylene	30.153	276	29341	4.42	ng	99

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

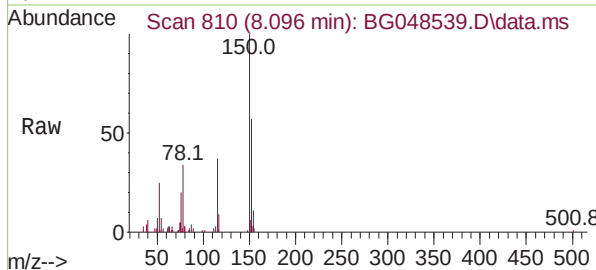
Quant Time: Apr 01 12:02:22 2021
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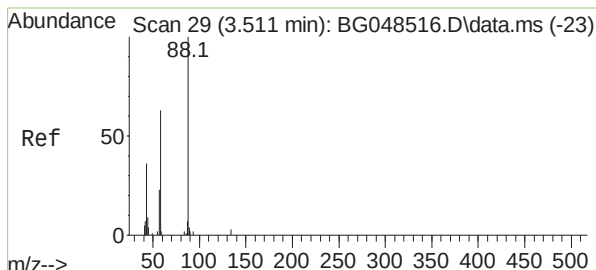
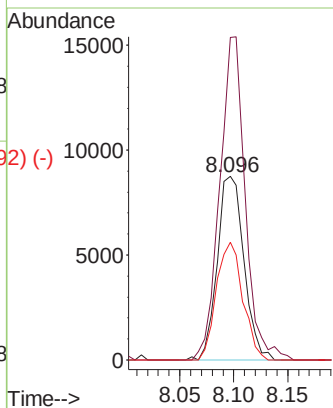
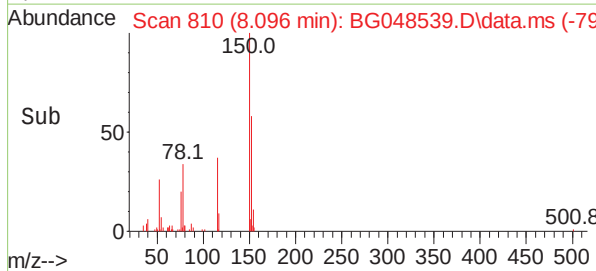


1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.096 min Scan# 810
 Delta R.T. 0.003 min
 Lab File: BG048539.D
 Acq: 1 Apr 2021 11:20

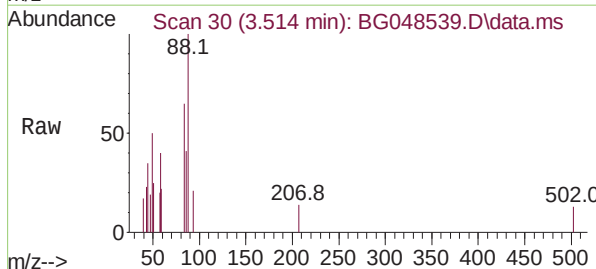
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 MDL-SOIL-03-QT1-2021



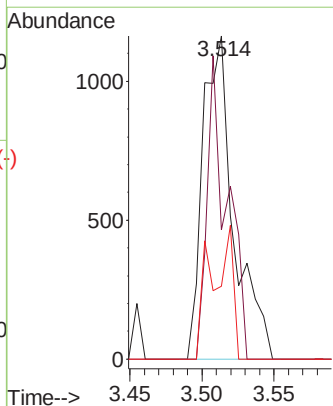
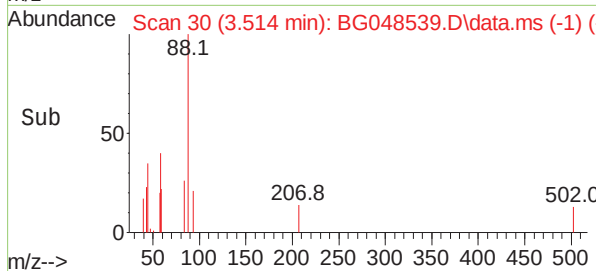
Tgt Ion:	152	Resp:	15172
Ion	Ratio	Lower	Upper
152	100		
150	176.0	101.3	151.9#
115	64.3	42.3	63.5#

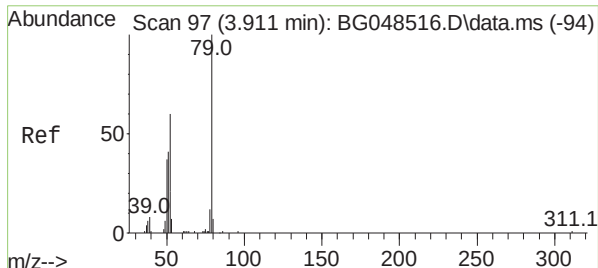


1,4-Dioxane
 Concen: 5.01 ng
 RT: 3.514 min Scan# 30
 Delta R.T. 0.004 min
 Lab File: BG048539.D
 Acq: 1 Apr 2021 11:20



Tgt Ion:	88	Resp:	1733
Ion	Ratio	Lower	Upper
88	100		
58	61.2	55.0	82.6
43	28.8	26.2	39.4

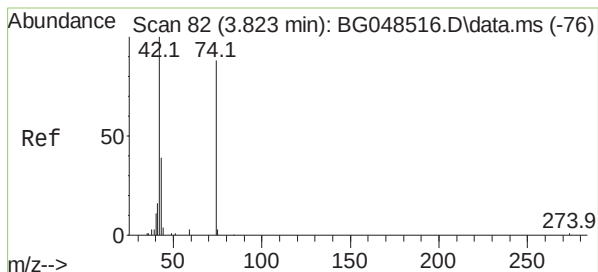
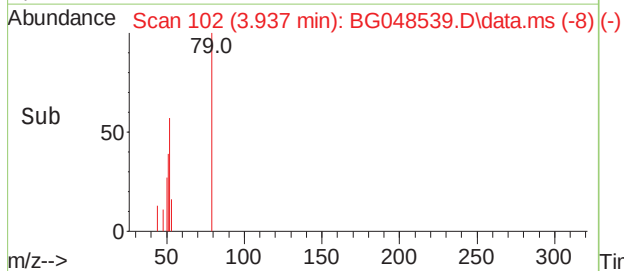
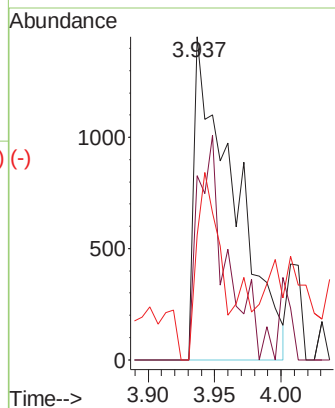
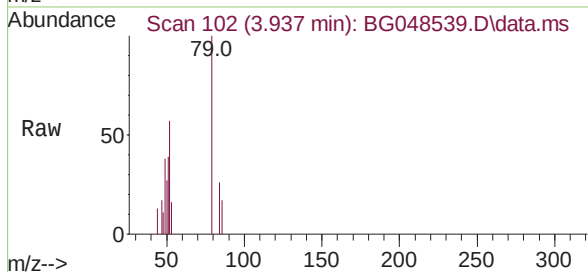




Pyridine
 Concen: 3.45 ng
 RT: 3.937 min Scan# 102
 Delta R.T. 0.022 min
 Lab File: BG048539.D
 Acq: 1 Apr 2021 11:20

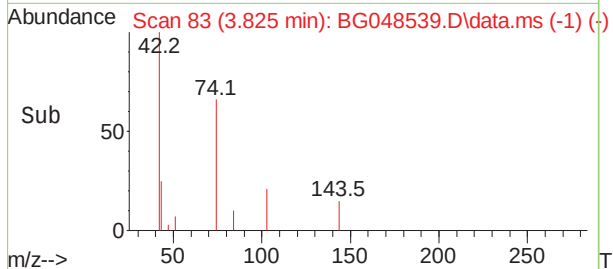
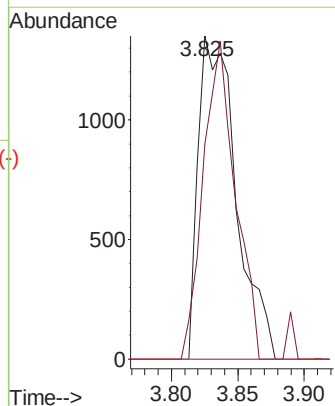
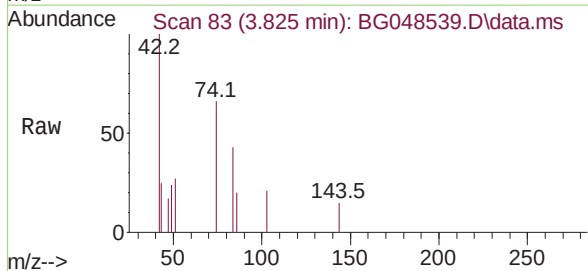
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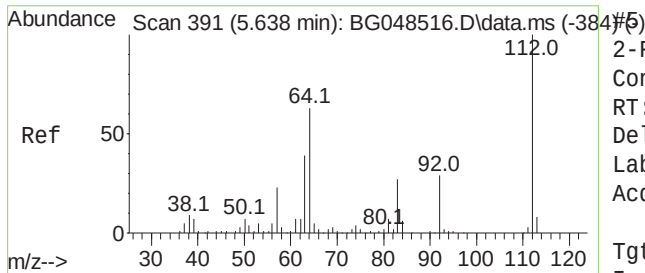
Tgt Ion:	79	Resp:	2991
Ion	Ratio	Lower	Upper
79	100		
52	57.0	48.2	72.2
51	38.6	33.2	49.8



n-Nitrosodimethylamine
 Concen: 4.74 ng
 RT: 3.825 min Scan# 83
 Delta R.T. -0.002 min
 Lab File: BG048539.D
 Acq: 1 Apr 2021 11:20

Tgt Ion:	42	Resp:	2684
Ion	Ratio	Lower	Upper
42	100		
74	66.5	70.6	105.8#
44	0.0	3.5	5.3#

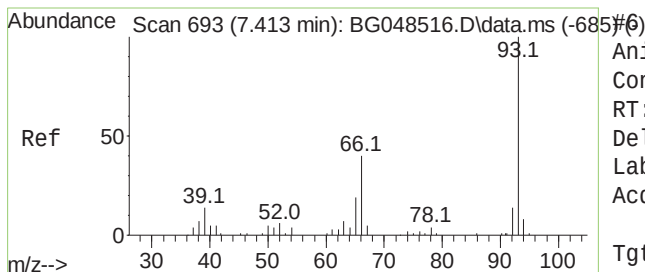
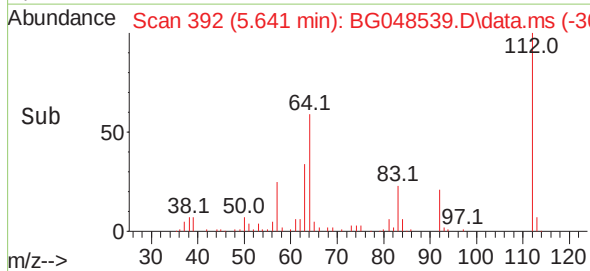
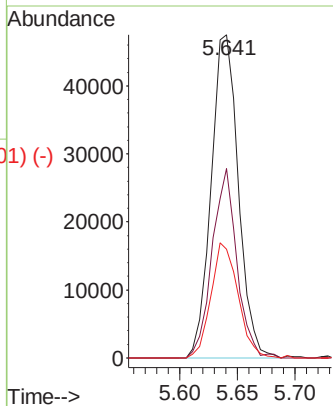
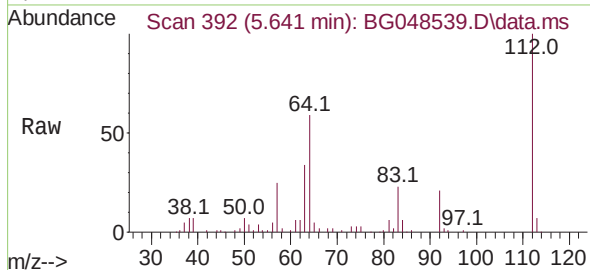




2-Fluorophenol
 Concen: 91.05 ng
 RT: 5.641 min Scan# 392
 Delta R.T. 0.004 min
 Lab File: BG048539.D
 Acq: 1 Apr 2021 11:20

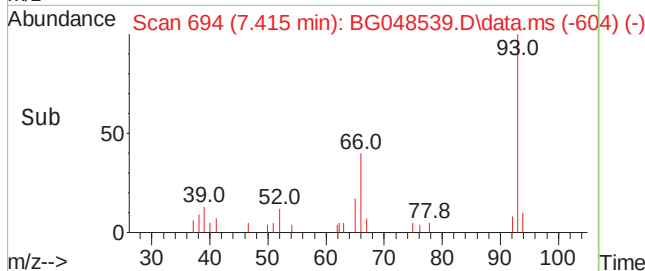
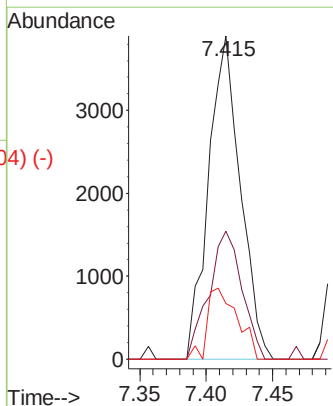
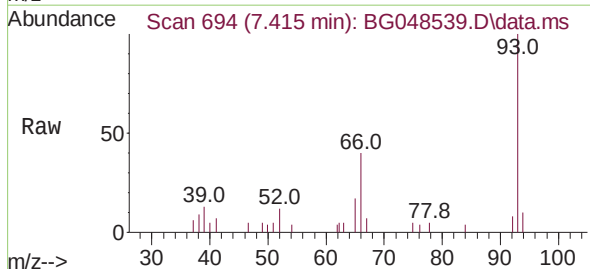
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Tgt Ion:	112	Resp:	78245
Ion	Ratio	Lower	Upper
112	100		
64	58.6	50.4	75.6
63	33.6	31.4	47.2

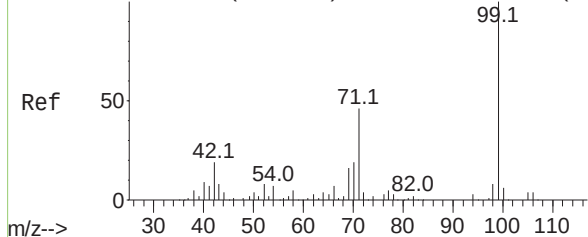


Aniline
 Concen: 4.53 ng
 RT: 7.415 min Scan# 694
 Delta R.T. -0.002 min
 Lab File: BG048539.D
 Acq: 1 Apr 2021 11:20

Tgt Ion:	93	Resp:	6484
Ion	Ratio	Lower	Upper
93	100		
66	39.6	31.8	47.6
65	17.2	15.2	22.8



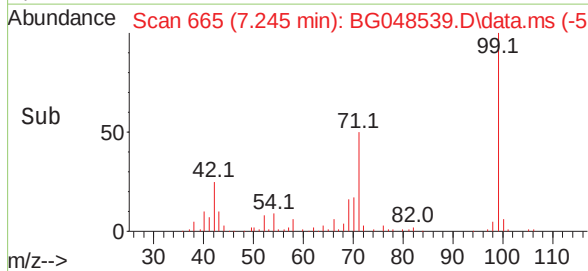
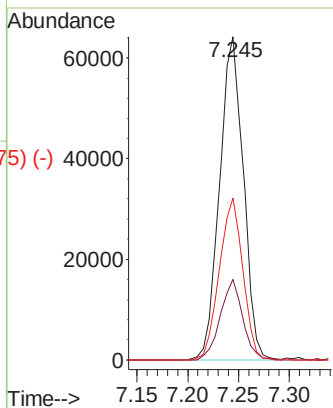
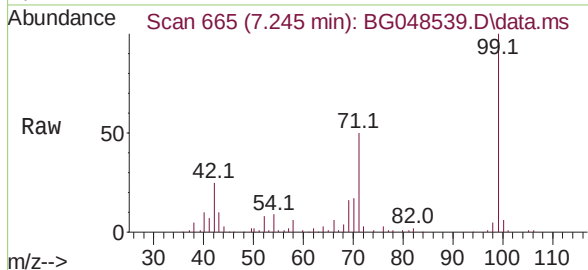
Abundance Scan 665 (7.248 min): BG048516.D\data.ms (-656)#7



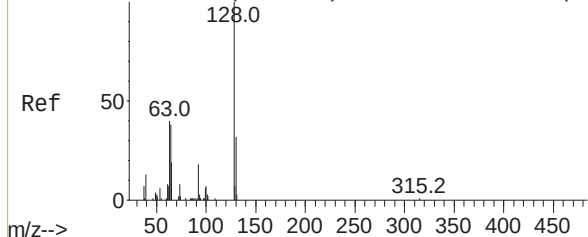
Phenol-d6
Concen: 84.36 ng
RT: 7.245 min Scan# 665
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:	99	Resp:	105138
Ion	Ratio	Lower	Upper
99	100		
42	24.9	15.5	23.3#
71	50.1	36.6	54.8

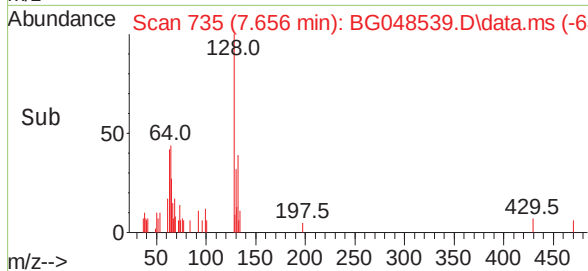
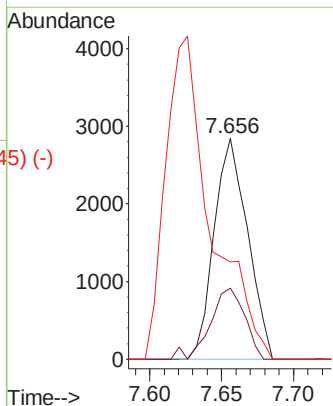
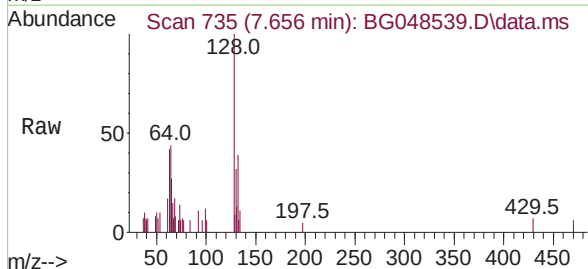


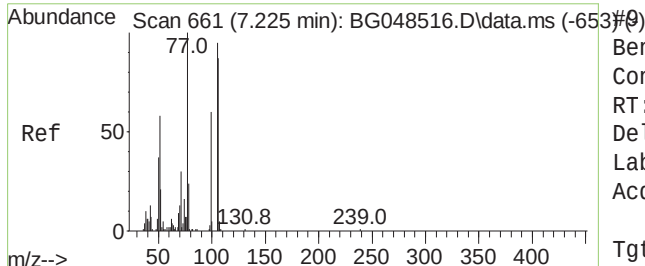
Abundance Scan 735 (7.659 min): BG048516.D\data.ms (-727)#8



2-Chlorophenol
Concen: 4.73 ng
RT: 7.656 min Scan# 735
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Tgt Ion:	128	Resp:	4589
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.4	52.4
64	44.0	27.6	67.6

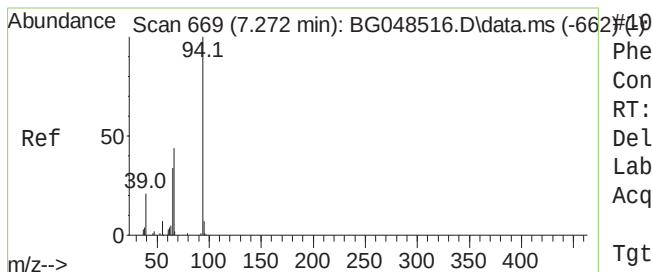
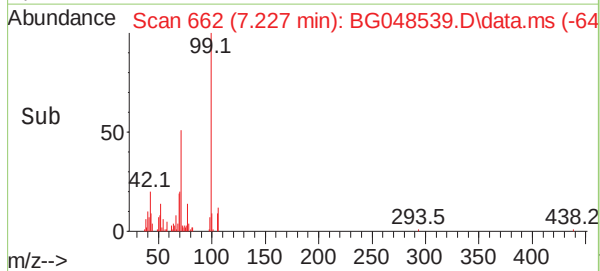
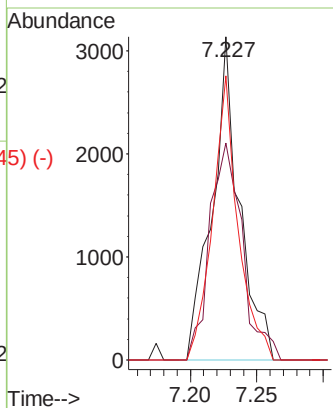
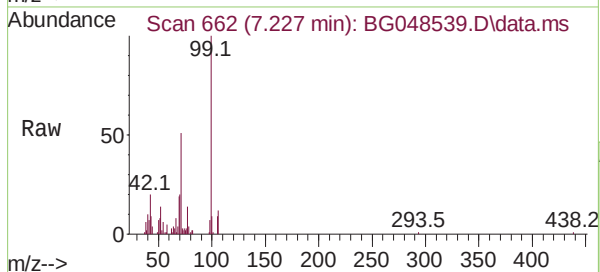




Benzaldehyde
 Concen: 5.57 ng
 RT: 7.227 min Scan# 662
 Delta R.T. -0.002 min
 Lab File: BG048539.D
 Acq: 1 Apr 2021 11:20

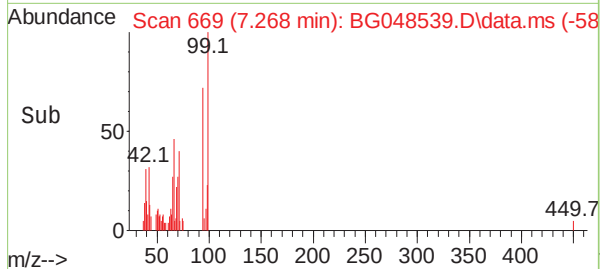
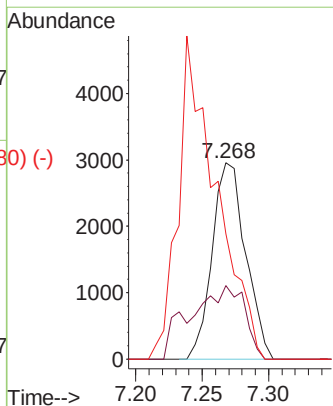
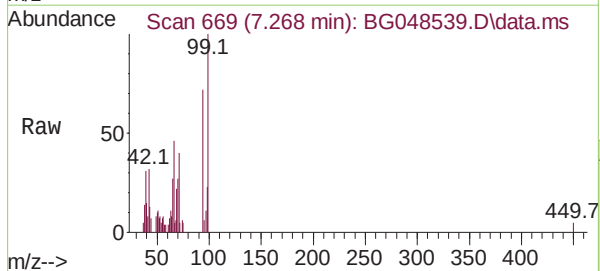
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Tgt Ion:	77	Resp:	4440
Ion	Ratio	Lower	Upper
77	100		
105	67.2	75.2	115.2#
106	87.9	66.5	106.5



Phenol
 Concen: 4.15 ng
 RT: 7.268 min Scan# 669
 Delta R.T. -0.008 min
 Lab File: BG048539.D
 Acq: 1 Apr 2021 11:20

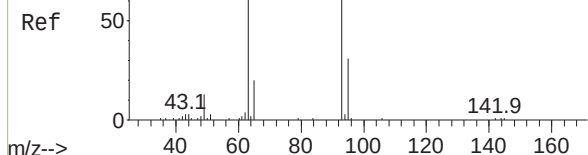
Tgt Ion:	94	Resp:	5174
Ion	Ratio	Lower	Upper
94	100		
65	37.4	15.1	55.1
66	63.7	28.9	68.9



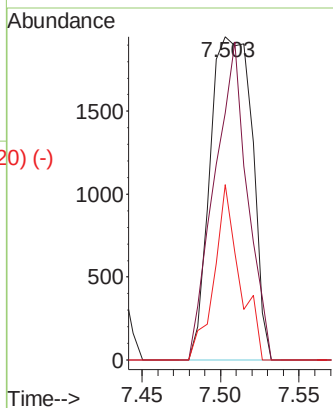
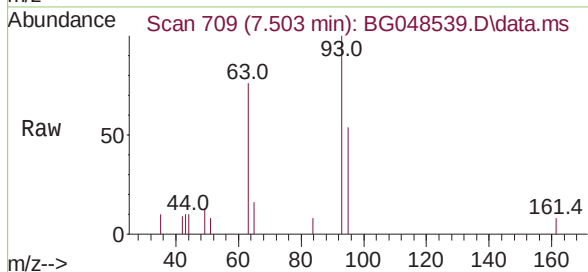
Abundance Scan 709 (7.507 min): BG048516.D\data.ms (-703) #11

bis(2-Chloroethyl)ether
Concen: 4.18 ng
RT: 7.503 min Scan# 709
Delta R.T. -0.008 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

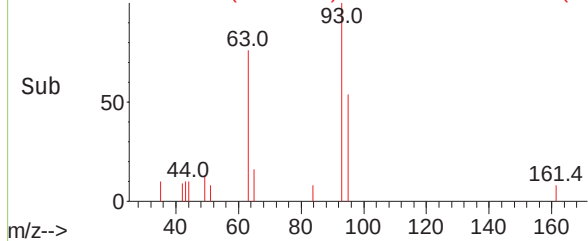
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021



Tgt Ion:	93	Resp:	3621
Ion	Ratio	Lower	Upper
93	100		
63	76.4	47.5	87.5
95	54.3	11.1	51.1#



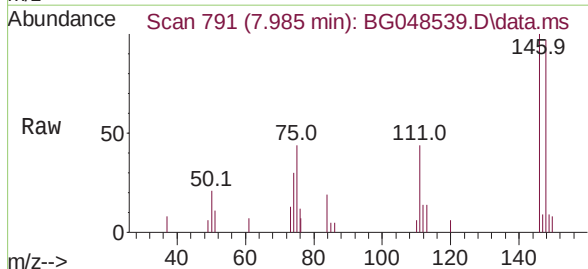
Abundance Scan 709 (7.503 min): BG048539.D\data.ms (-620) (-)



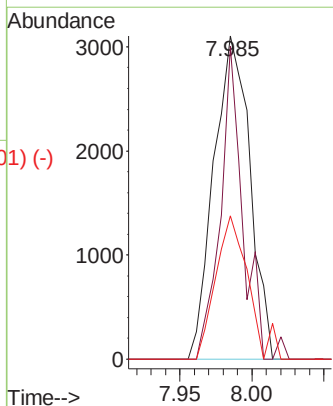
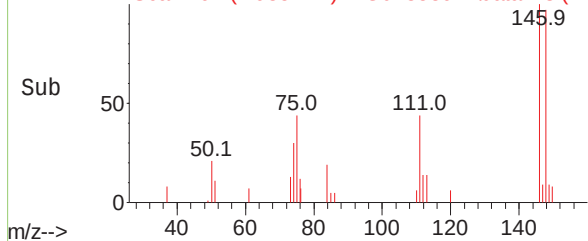
Abundance Scan 790 (7.983 min): BG048516.D\data.ms (-783) #12

1,3-Dichlorobenzene
Concen: 4.96 ng
RT: 7.985 min Scan# 791
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

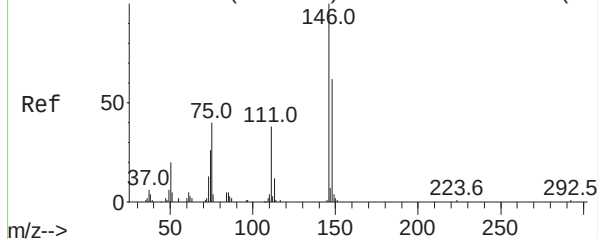
Tgt Ion:	146	Resp:	5421
Ion	Ratio	Lower	Upper
146	100		
148	96.9	49.7	74.5#
75	44.4	30.9	46.3



Abundance Scan 791 (7.985 min): BG048539.D\data.ms (-701) (-)



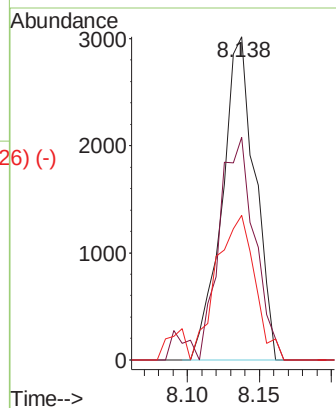
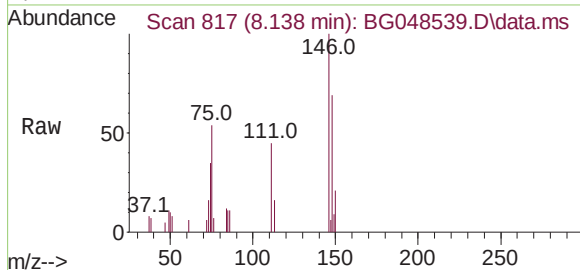
Abundance Scan 815 (8.130 min): BG048516.D\data.ms (-806) #13



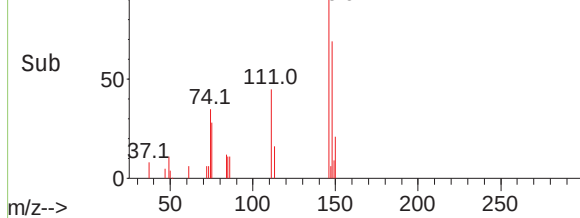
1,4-Dichlorobenzene
Concen: 4.34 ng
RT: 8.138 min Scan# 817
Delta R.T. 0.004 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

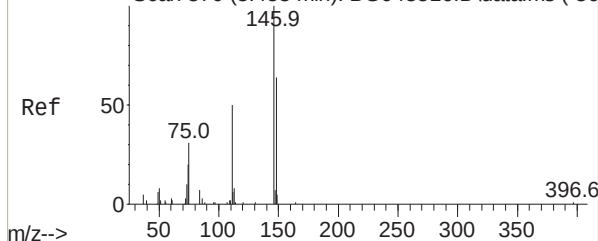
Tgt Ion:	146	Resp:	4792
Ion	Ratio	Lower	Upper
146	100		
148	68.8	49.7	74.5
111	44.7	30.5	45.7



Abundance Scan 817 (8.138 min): BG048539.D\data.ms (-726) (-)

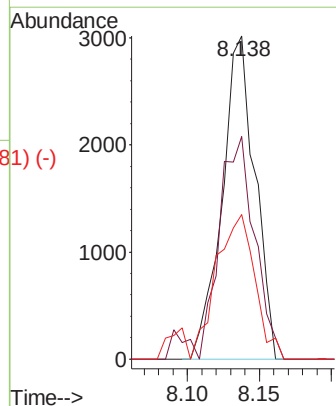
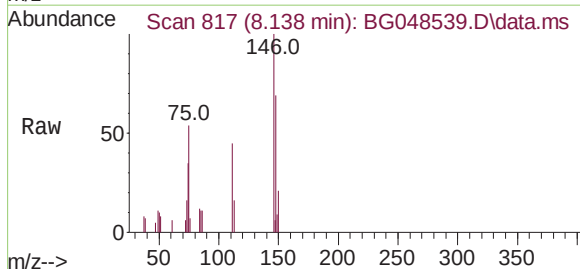


Abundance Scan 870 (8.453 min): BG048516.D\data.ms (-864) #14

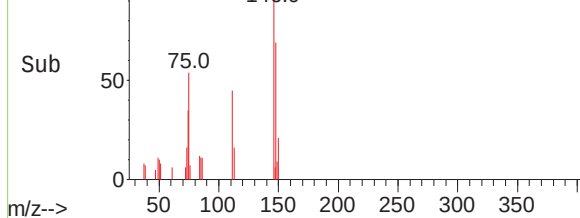


1,2-Dichlorobenzene
Concen: 4.54 ng
RT: 8.138 min Scan# 817
Delta R.T. -0.319 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

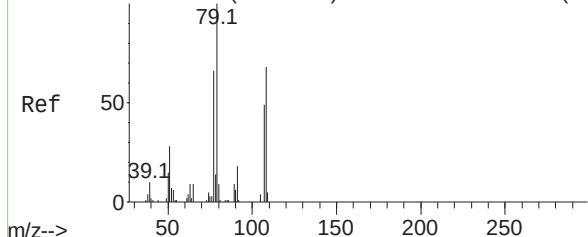
Tgt Ion:	146	Resp:	4792
Ion	Ratio	Lower	Upper
146	100		
148	68.8	51.5	77.3
111	44.7	41.8	62.8



Abundance Scan 817 (8.138 min): BG048539.D\data.ms (-781) (-)



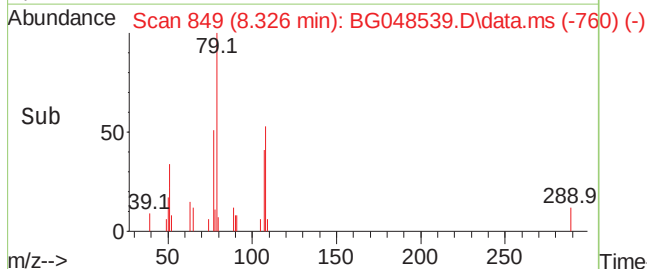
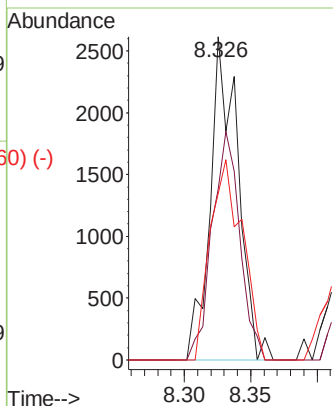
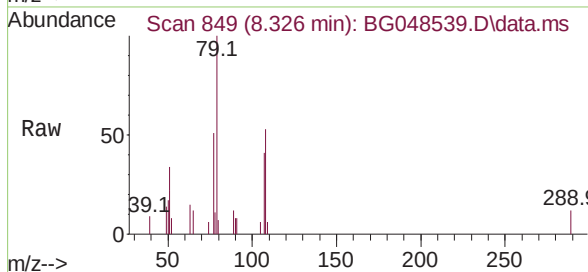
Abundance Scan 850 (8.335 min): BG048516.D\data.ms (-842) #15



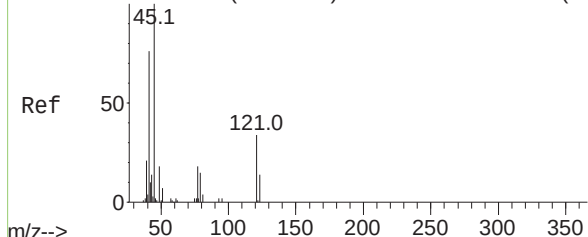
Benzyl Alcohol
Concen: 3.70 ng
RT: 8.326 min Scan# 849
Delta R.T. -0.008 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:	79	Resp:	3779
Ion	Ratio	Lower	Upper
79	100		
108	52.9	54.1	81.1#
77	51.4	52.6	79.0#

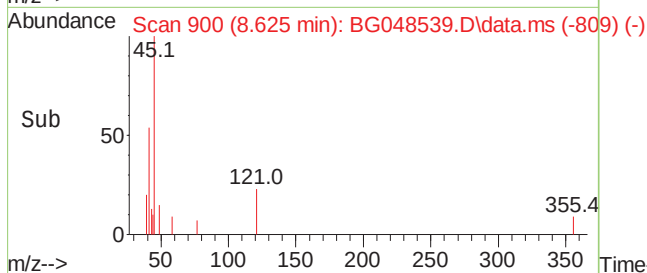
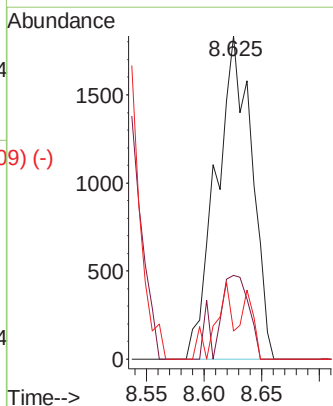
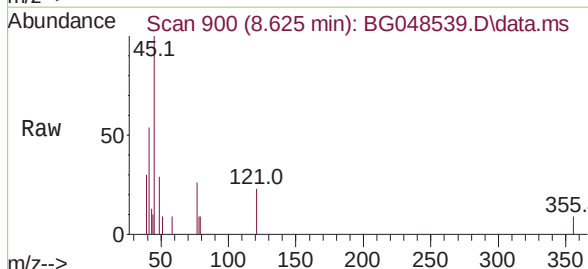


Abundance Scan 899 (8.623 min): BG048516.D\data.ms (-891) #16



2,2'-oxybis(1-Chloropropane)
Concen: 4.72 ng
RT: 8.625 min Scan# 900
Delta R.T. 0.004 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

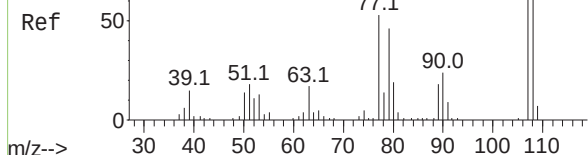
Tgt Ion:	45	Resp:	3946
Ion	Ratio	Lower	Upper
45	100		
77	26.0	0.0	38.4
79	8.7	0.0	34.5



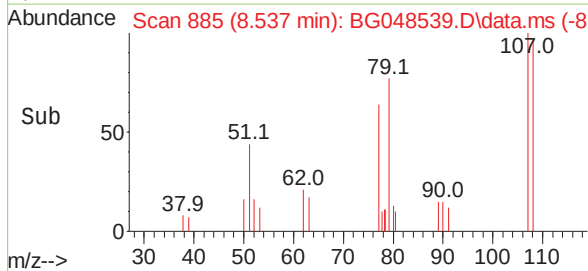
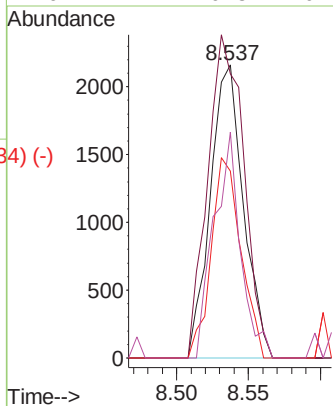
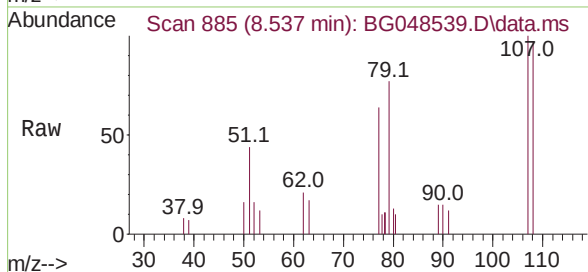
Abundance Scan 884 (8.535 min): BG048516.D\data.ms (-876) #17

2-Methylphenol
Concen: 4.27 ng
RT: 8.537 min Scan# 885
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

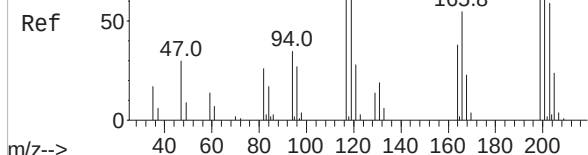


Tgt Ion:	107	Resp:	3445
Ion	Ratio	Lower	Upper
107	100		
108	96.9	101.7	152.5#
77	63.9	54.4	81.6
79	77.1	46.8	70.2#

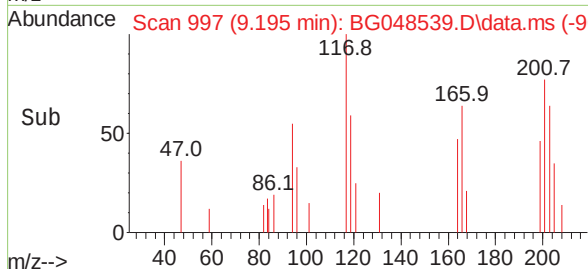
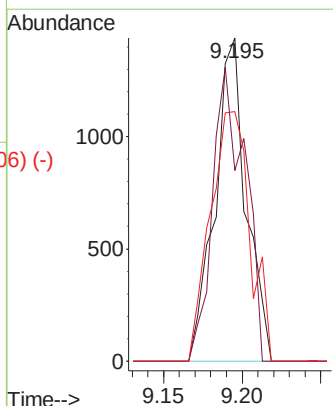
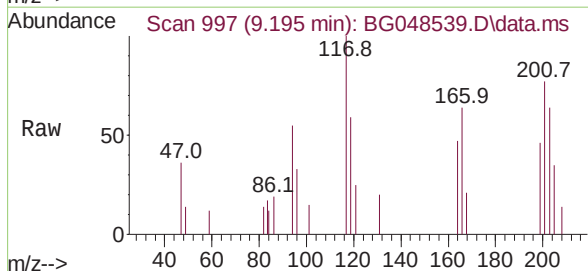


Abundance Scan 996 (9.193 min): BG048516.D\data.ms (-989) #18

Hexachloroethane
Concen: 4.83 ng
RT: 9.195 min Scan# 997
Delta R.T. 0.004 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20



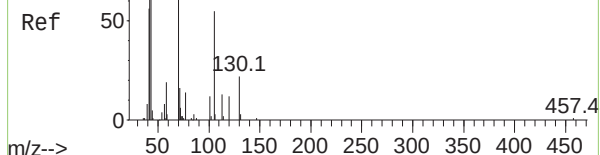
Tgt Ion:	117	Resp:	1980
Ion	Ratio	Lower	Upper
117	100		
119	58.9	67.0	100.6#
201	77.3	79.8	119.6#



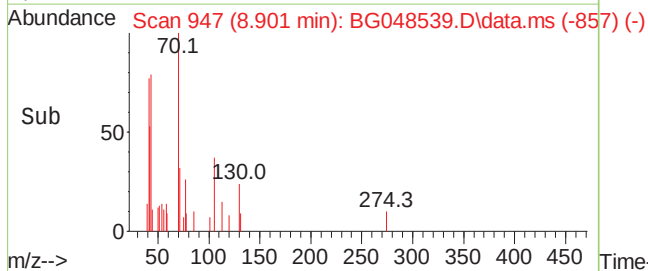
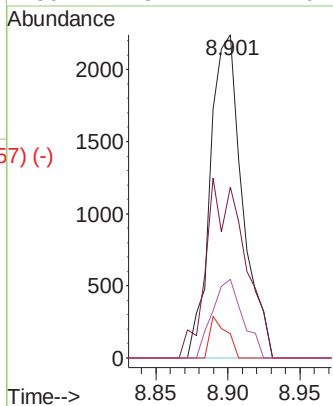
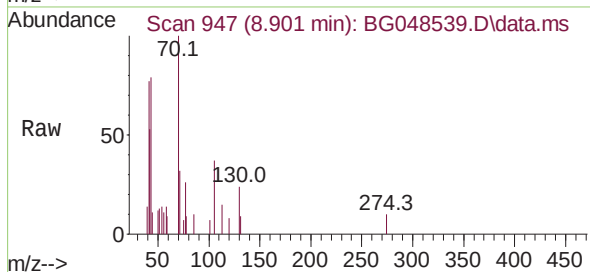
Abundance Scan 947 (8.905 min): BG048516.D\data.ms (-939) #19

n-Nitroso-di-n-propylamine
Concen: 4.02 ng
RT: 8.901 min Scan# 947
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

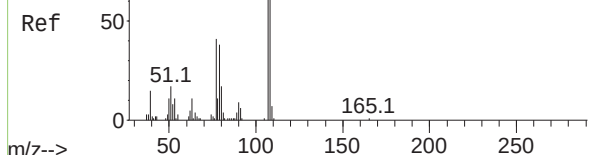


Tgt Ion:	70	Resp:	3456
Ion	Ratio	Lower	Upper
70	100		
42	52.9	50.8	76.2
101	7.5	9.7	14.5#
130	24.3	17.4	26.0

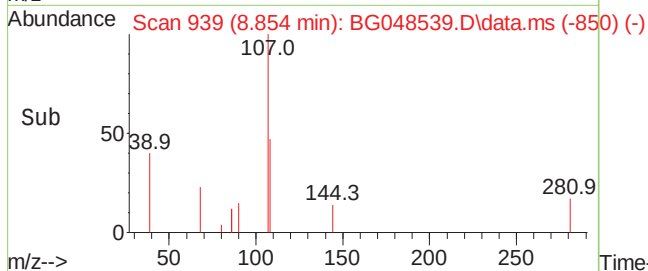
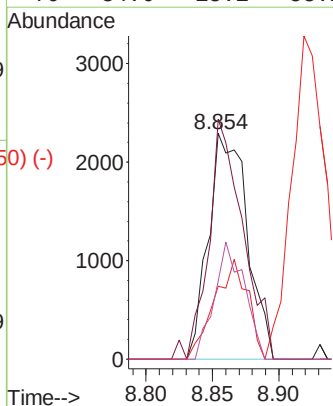
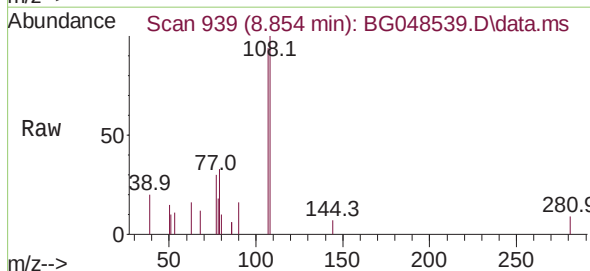


Abundance Scan 940 (8.864 min): BG048516.D\data.ms (-932) #20

3+4-Methylphenols
Concen: 4.14 ng
RT: 8.854 min Scan# 939
Delta R.T. -0.008 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20



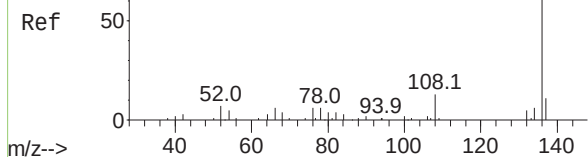
Tgt Ion:	107	Resp:	4637
Ion	Ratio	Lower	Upper
107	100		
108	106.3	62.3	102.3#
77	32.4	21.3	61.3
79	34.6	18.1	58.1



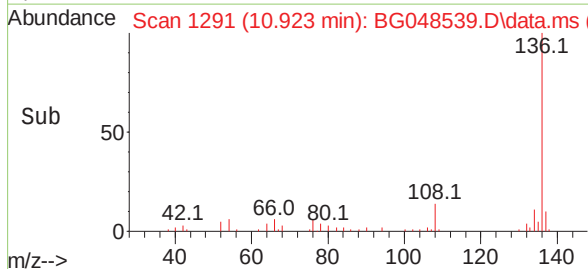
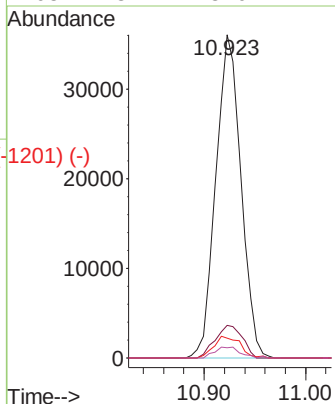
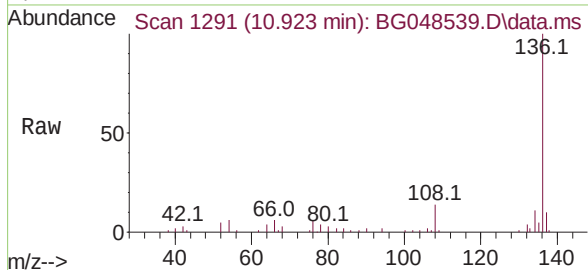
Abundance Scan 1291 (10.926 min): BG048516.D\data.ms (-123) (-)

Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1291
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

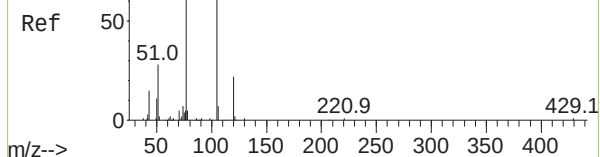


Tgt Ion:	136	Resp:	61956
Ion Ratio	Lower	Upper	
136	100		
137	10.1	8.6	12.8
54	6.2	4.2	6.4
68	3.1	3.0	4.4

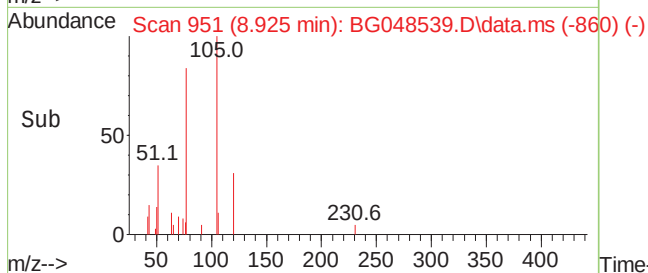
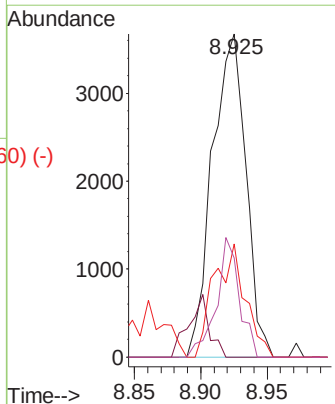
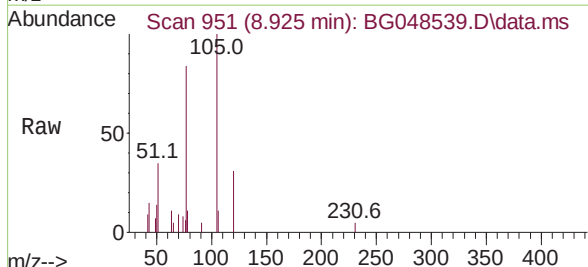


Abundance Scan 950 (8.923 min): BG048516.D\data.ms (-943) (-)

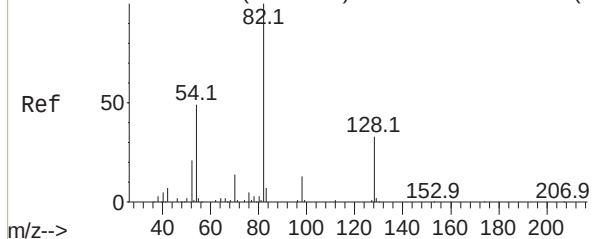
Acetophenone
Concen: 4.03 ng
RT: 8.925 min Scan# 951
Delta R.T. 0.004 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20



Tgt Ion:	105	Resp:	6430
Ion Ratio	Lower	Upper	
105	100		
71	0.0	1.1	1.7#
51	35.1	26.1	39.1
120	30.6	17.5	26.3#



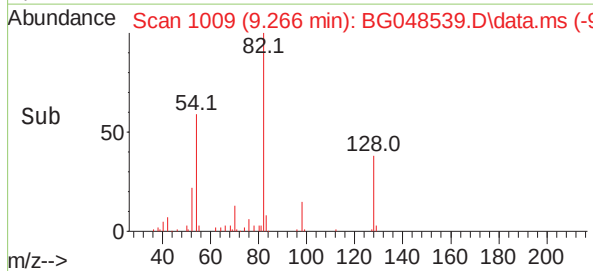
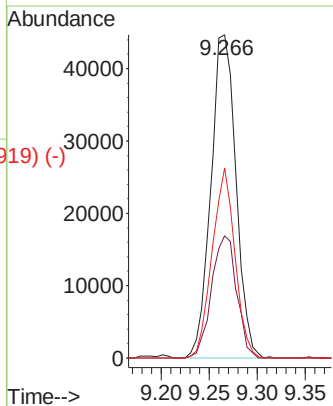
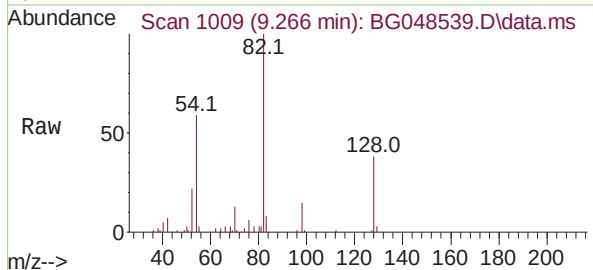
Abundance Scan 1008 (9.263 min): BG048516.D\data.ms (-10623-)



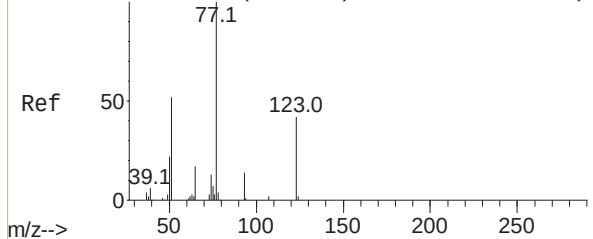
Nitrobenzene-d5
Concen: 63.25 ng
RT: 9.266 min Scan# 1009
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:	82	Resp:	80934
Ion	Ratio	Lower	Upper
82	100		
128	37.9	26.2	39.4
54	58.8	38.9	58.3#

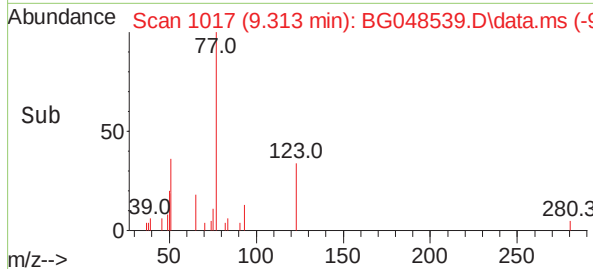
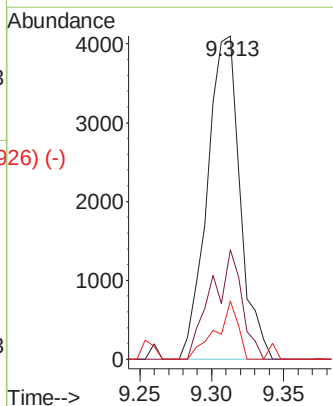
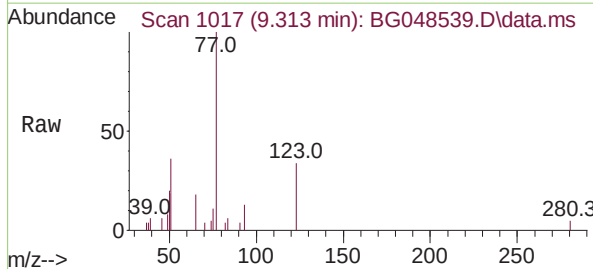


Abundance Scan 1016 (9.310 min): BG048516.D\data.ms (-10624-)

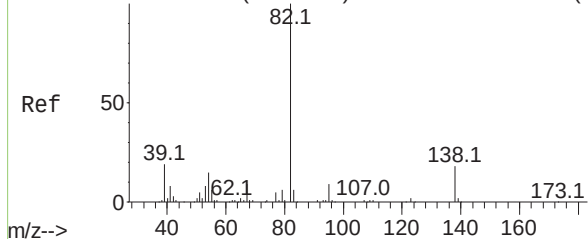


Nitrobenzene
Concen: 5.15 ng
RT: 9.313 min Scan# 1017
Delta R.T. 0.004 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Tgt Ion:	77	Resp:	6466
Ion	Ratio	Lower	Upper
77	100		
123	33.8	33.4	50.2
65	17.9	13.3	19.9



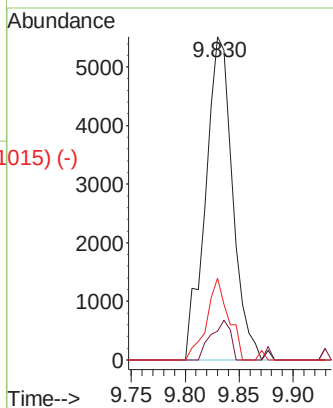
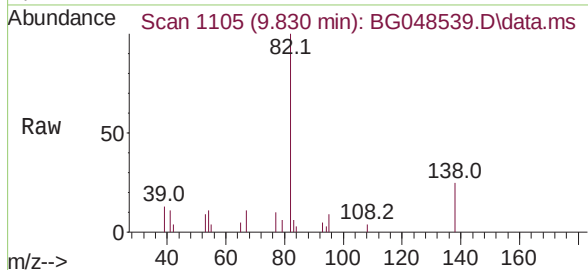
Abundance Scan 1105 (9.833 min): BG048516.D\data.ms (-1025-)



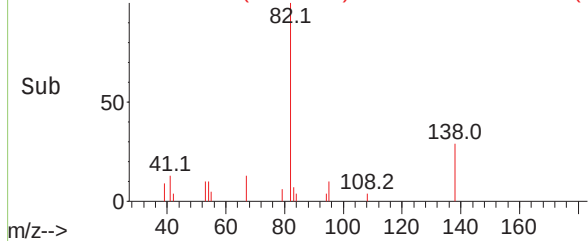
Isophorone
Concen: 4.09 ng
RT: 9.830 min Scan# 1105
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

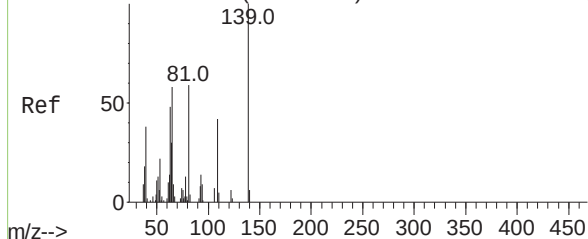
Tgt Ion: 82 Resp: 9674
Ion Ratio Lower Upper
82 100
95 8.8 7.1 10.7
138 25.4 14.8 22.2#



Abundance Scan 1105 (9.830 min): BG048539.D\data.ms (-1015-)

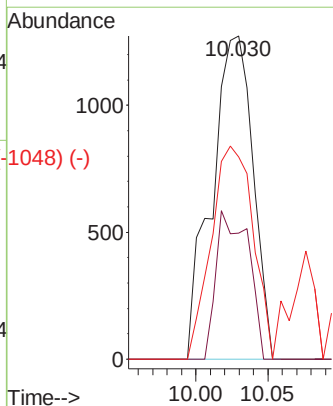
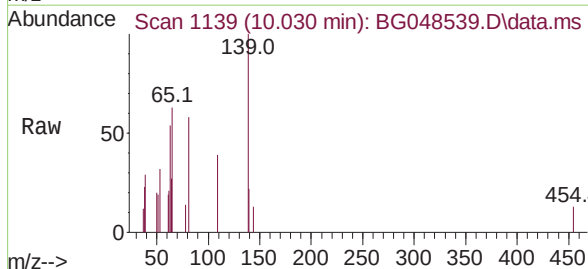


Abundance Scan 1138 (10.027 min): BG048516.D\data.ms (-1120-)

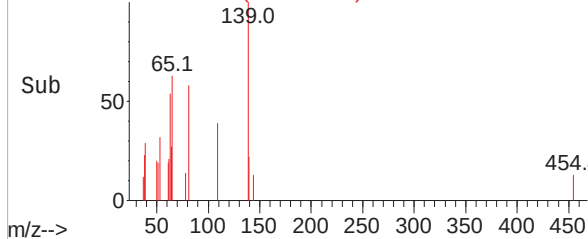


2-Nitrophenol
Concen: 4.41 ng
RT: 10.030 min Scan# 1139
Delta R.T. 0.004 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Tgt Ion: 139 Resp: 2547
Ion Ratio Lower Upper
139 100
109 31.8 33.7 50.5#
65 51.1 46.8 70.2



Abundance Scan 1139 (10.030 min): BG048539.D\data.ms (-1048-)



Abundance Scan 1147 (10.080 min): BG048516.D\data.ms (-121) (-)

2,4-Dimethylphenol
Concen: 3.95 ng
RT: 10.071 min Scan# 1146
Delta R.T. -0.008 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

Ref 50 0 51.1 107.0

m/z-->

Tgt Ion:122 Resp: 3582
Ion Ratio Lower Upper
122 100
107 90.1 96.6 145.0#
121 38.8 45.3 67.9#

Abundance Scan 1146 (10.071 min): BG048539.D\data.ms

Raw 50 0 77.0 122.1 343.9

m/z-->

Abundance

3000 10.071

2000

1000

0

Time-->

Abundance Scan 1146 (10.071 min): BG048539.D\data.ms (-1057) (-)

Sub 50 0 77.0 122.1 343.9

m/z-->

Abundance Scan 1187 (10.315 min): BG048516.D\data.ms (-126) (-)

bis(2-Chloroethoxy)methane
Concen: 5.41 ng
RT: 10.312 min Scan# 1187
Delta R.T. -0.008 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Tgt Ion: 93 Resp: 5859
Ion Ratio Lower Upper
93 100
95 18.7 27.0 40.6#
123 6.1 9.0 13.6#

Ref 50 0 49.0 93.0 135.0 170.9

m/z-->

Abundance Scan 1187 (10.312 min): BG048539.D\data.ms

Raw 50 0 48.9 93.0 301.4

m/z-->

Abundance

4000 10.312

3000

2000

1000

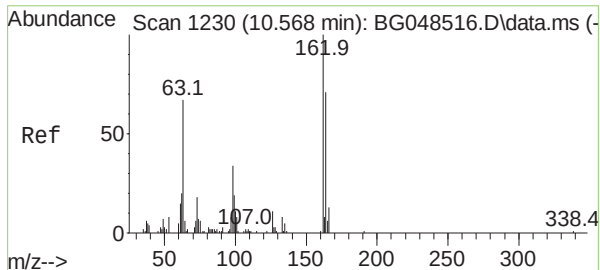
0

Time-->

Abundance Scan 1187 (10.312 min): BG048539.D\data.ms (-1098) (-)

Sub 50 0 48.9 93.0 301.4

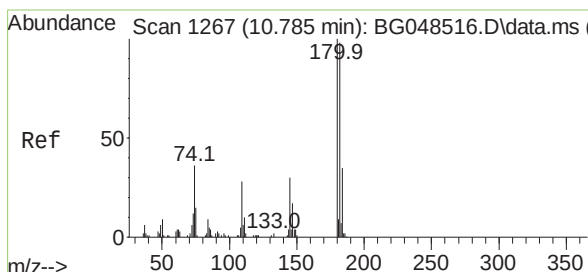
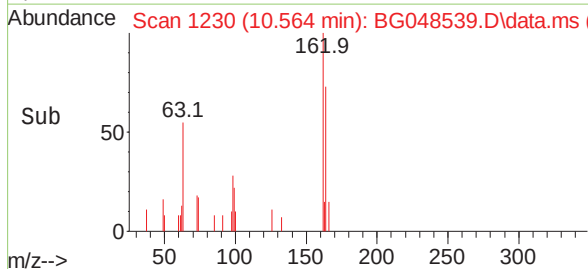
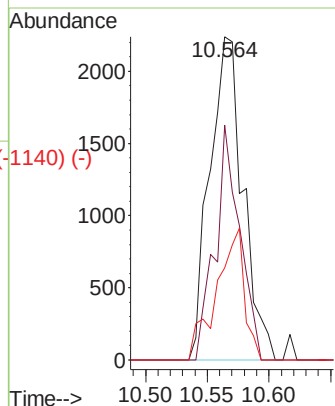
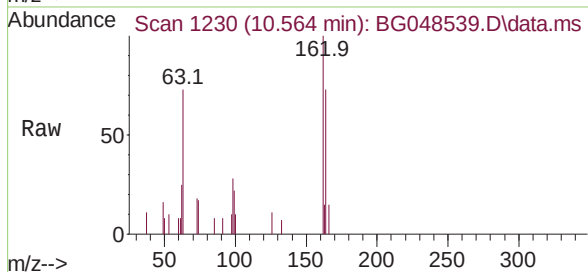
m/z-->



2,4-Dichlorophenol
Concen: 4.09 ng
RT: 10.564 min Scan# 1230
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

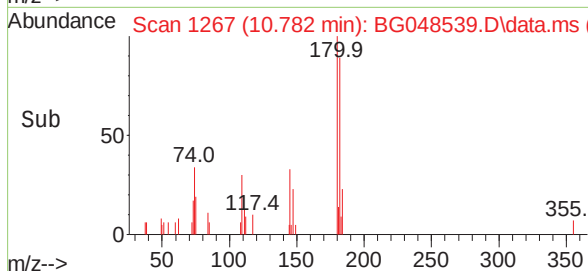
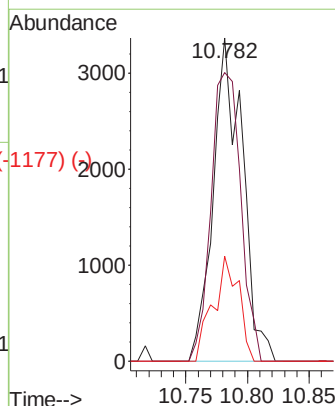
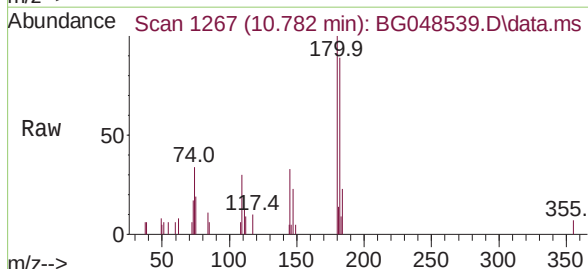
Instrument :
BNA_G
ClientSampleId :
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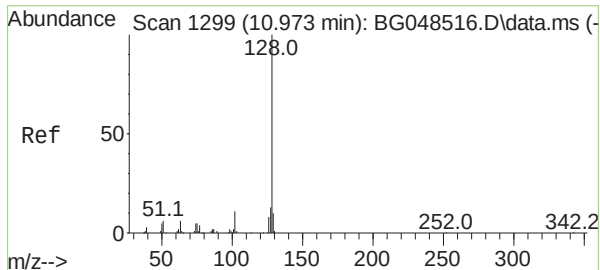
Tgt Ion:	162	Resp:	4201
Ion	Ratio	Lower	Upper
162	100		
164	72.7	51.2	91.2
98	28.5	13.6	53.6



1,2,4-Trichlorobenzene
Concen: 4.70 ng
RT: 10.782 min Scan# 1267
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

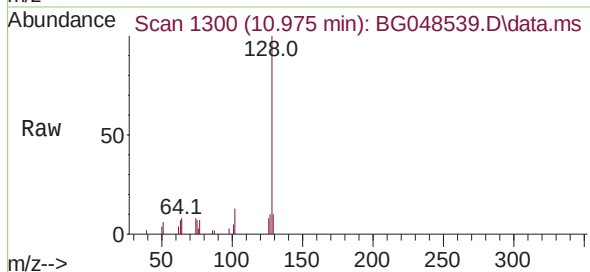
Tgt Ion:	180	Resp:	5556
Ion	Ratio	Lower	Upper
180	100		
182	97.8	78.8	118.2
145	32.5	24.0	36.0



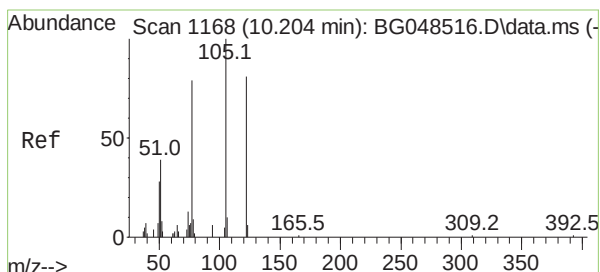
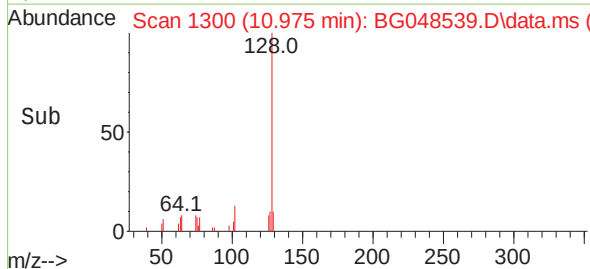
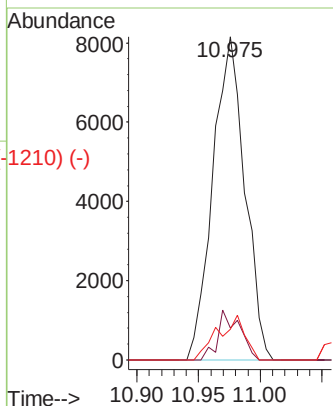


#31 (-)
Naphthalene
Concen: 4.62 ng
RT: 10.975 min Scan# 1300
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

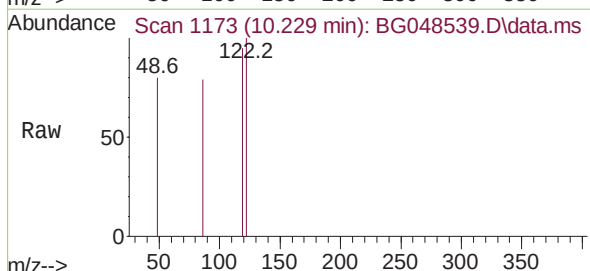
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021



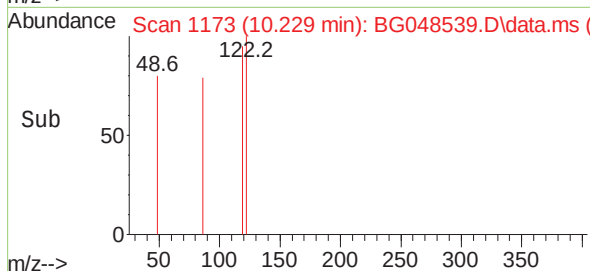
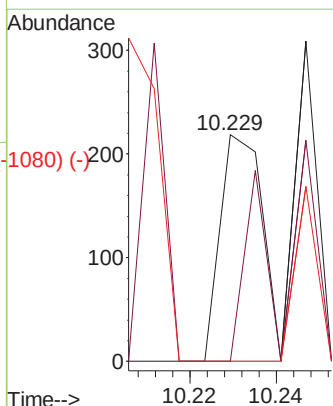
Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.9	8.2	12.2
127	9.5	10.6	16.0#



#32 (-)
Benzoic acid
Concen: 0.21 ng
RT: 10.229 min Scan# 1173
Delta R.T. 0.016 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20



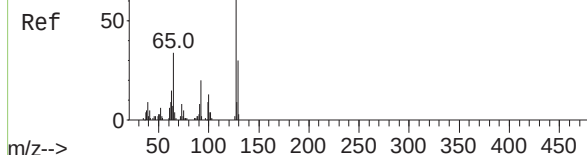
Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	97.1	137.1#
77	0.0	76.8	116.8#



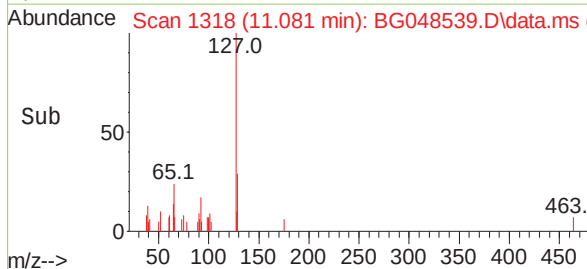
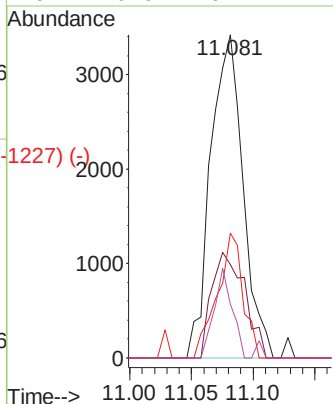
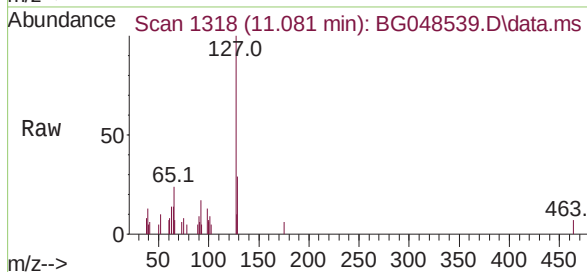
Abundance Scan 1316 (11.073 min): BG048516.D\data.ms (-1308) (-)

4-Chloroaniline
Concen: 4.66 ng
RT: 11.081 min Scan# 1318
Delta R.T. 0.004 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

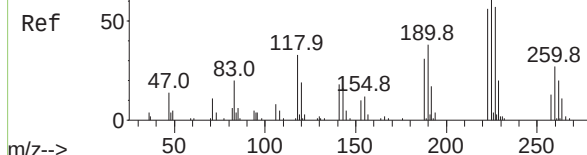


Tgt Ion	Ratio	Lower	Upper
127	100		
129	28.8	24.3	36.5
65	38.5	27.0	40.4
92	16.6	16.4	24.6

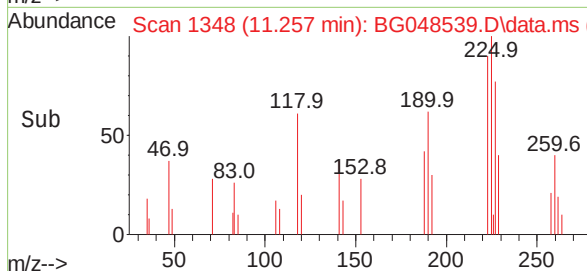
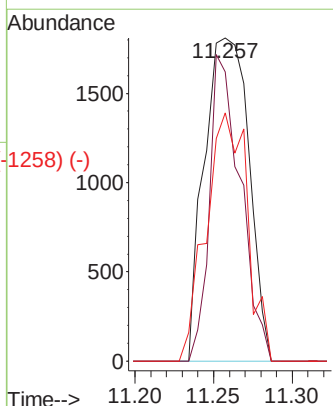
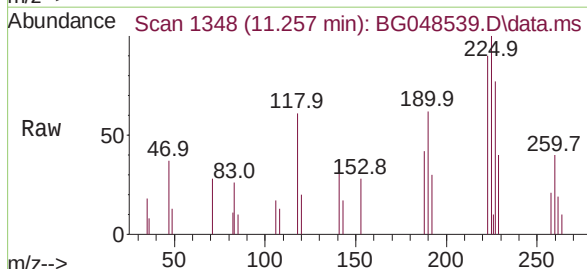


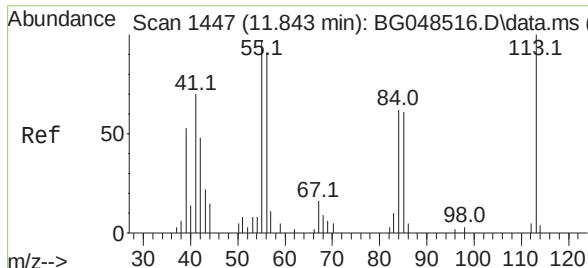
Abundance Scan 1348 (11.261 min): BG048516.D\data.ms (-1540) (-)

Hexachlorobutadiene
Concen: 4.14 ng
RT: 11.257 min Scan# 1348
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20



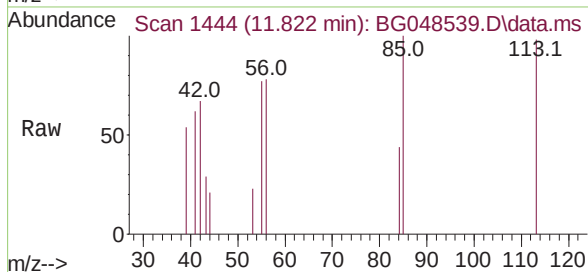
Tgt Ion	Ratio	Lower	Upper
225	100		
223	89.6	44.8	67.2#
227	76.8	45.4	68.0#



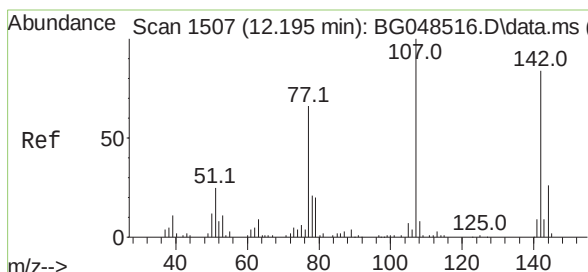
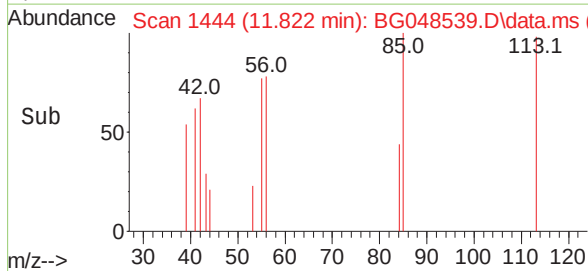
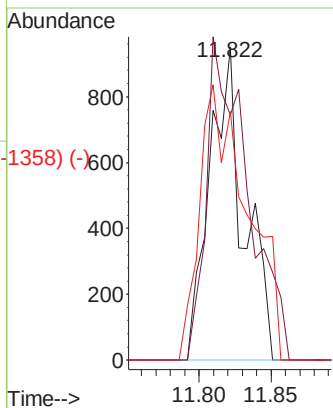


Caprolactam
 Concen: 4.20 ng
 RT: 11.822 min Scan# 1444
 Delta R.T. -0.026 min
 Lab File: BG048539.D
 Acq: 1 Apr 2021 11:20

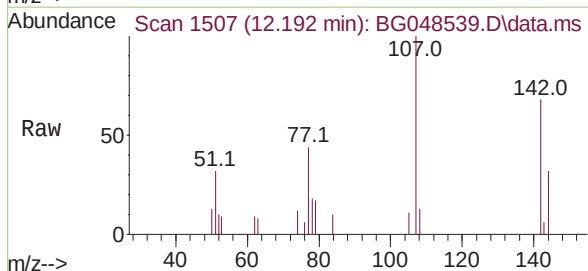
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT1-2021



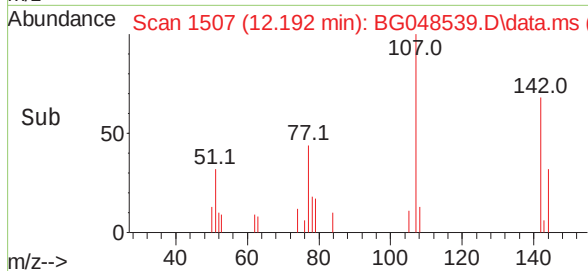
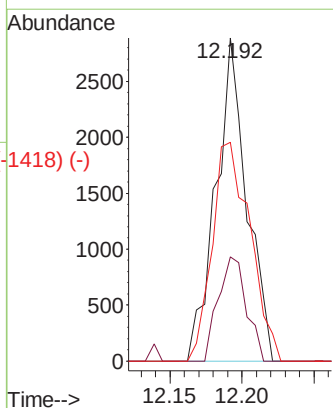
Tgt Ion:	113	Resp:	1575
Ion	Ratio	Lower	Upper
113	100		
55	78.4	76.8	116.8
56	79.5	71.1	111.1



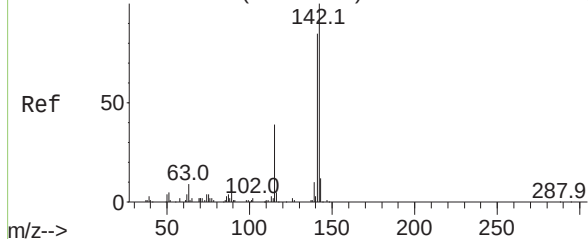
4-Chloro-3-methylphenol
 Concen: 3.72 ng
 RT: 12.192 min Scan# 1507
 Delta R.T. -0.008 min
 Lab File: BG048539.D
 Acq: 1 Apr 2021 11:20



Tgt Ion:	107	Resp:	4298
Ion	Ratio	Lower	Upper
107	100		
144	32.3	20.6	31.0#
142	67.7	67.0	100.6



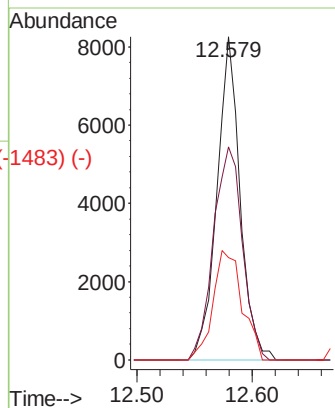
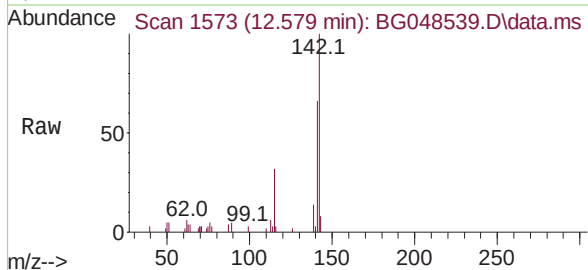
Abundance Scan 1572 (12.577 min): BG048516.D\data.ms (-1537) (-)



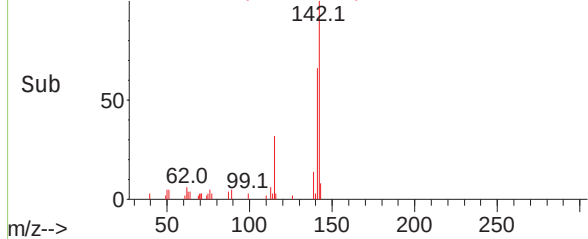
2-Methylnaphthalene
Concen: 4.57 ng
RT: 12.579 min Scan# 1573
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

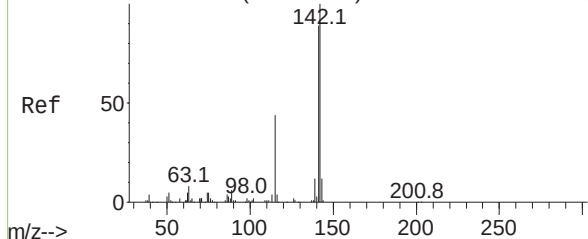
Tgt Ion:	142	Resp:	11585
Ion	Ratio	Lower	Upper
142	100		
141	65.9	68.2	102.4#
115	31.7	30.8	46.2



Abundance Scan 1573 (12.579 min): BG048539.D\data.ms (-1483) (-)

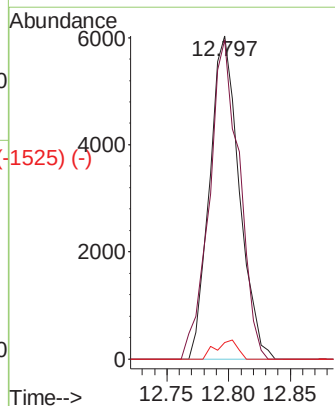
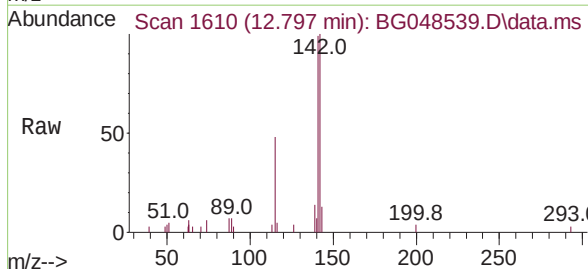


Abundance Scan 1610 (12.801 min): BG048516.D\data.ms (-1635) (-)

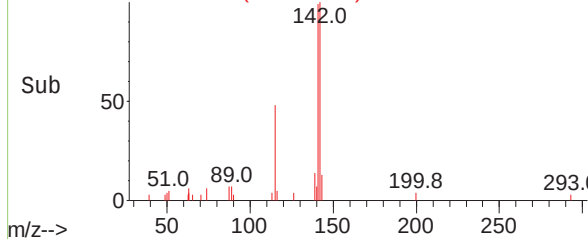


1-Methylnaphthalene
Concen: 4.16 ng
RT: 12.797 min Scan# 1610
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Tgt Ion:	142	Resp:	10070
Ion	Ratio	Lower	Upper
142	100		
141	98.8	71.2	106.8
116	5.1	3.4	5.0#



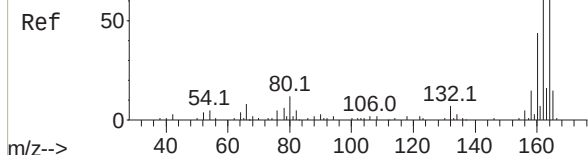
Abundance Scan 1610 (12.797 min): BG048539.D\data.ms (-1525) (-)



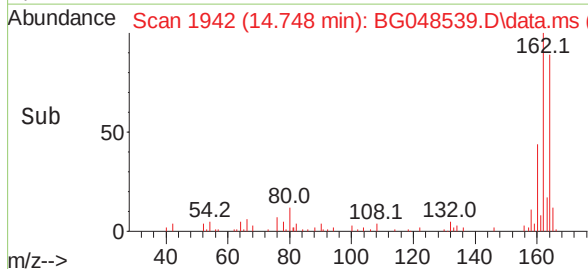
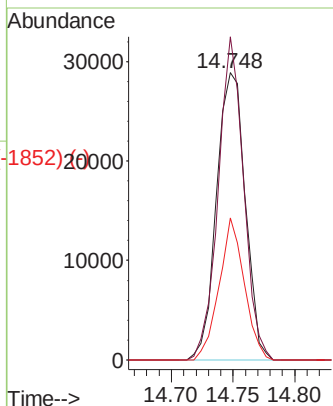
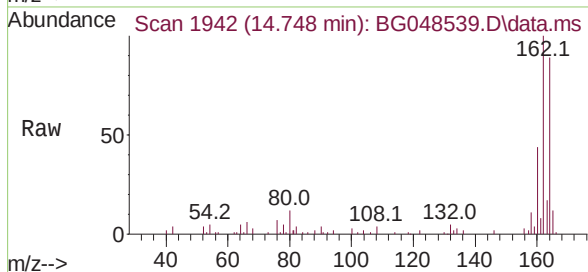
Abundance Scan 1942 (14.751 min): BG048516.D\data.ms (-1852) (-)

Acenaphthene-d10
Concen: 20.00 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
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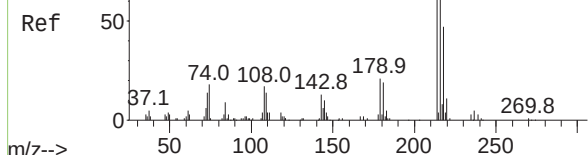


Tgt Ion:	164	Resp:	46735
Ion	Ratio	Lower	Upper
164	100		
162	112.6	87.0	130.6
160	49.4	38.4	57.6

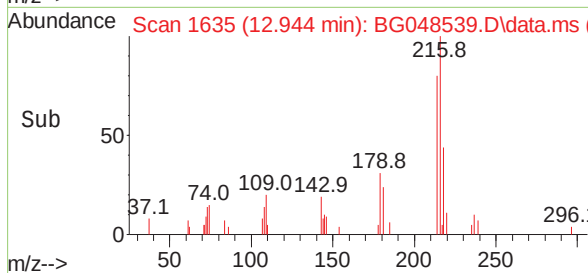
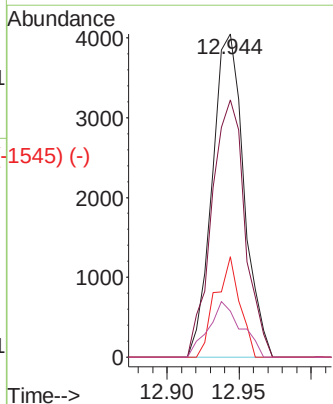
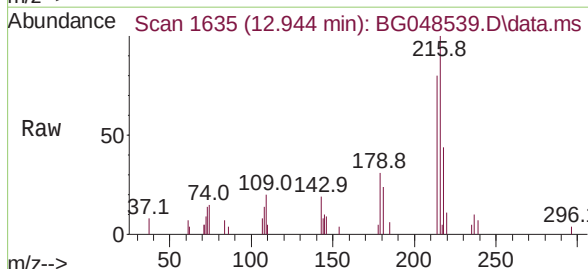


Abundance Scan 1634 (12.942 min): BG048516.D\data.ms (-1852) (-)

1,2,4,5-Tetrachlorobenzene
Concen: 4.27 ng
RT: 12.944 min Scan# 1635
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20



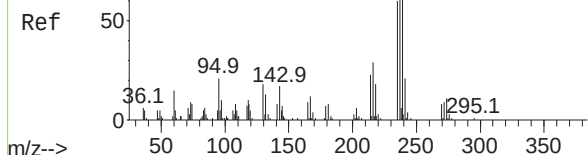
Tgt Ion:	216	Resp:	6180
Ion	Ratio	Lower	Upper
216	100		
214	83.6	61.1	91.7
179	23.7	17.3	25.9
108	17.8	15.2	22.8



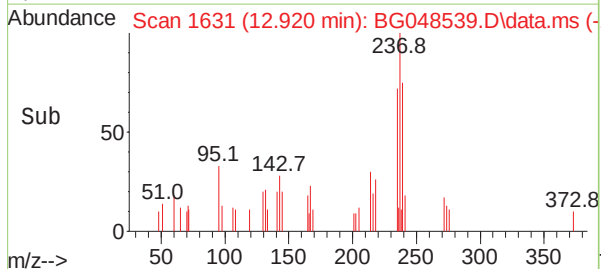
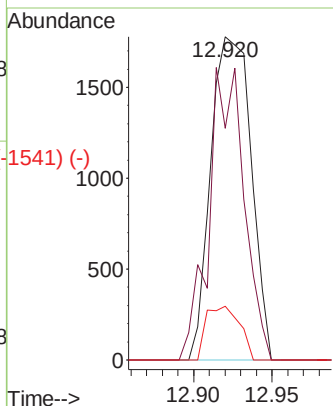
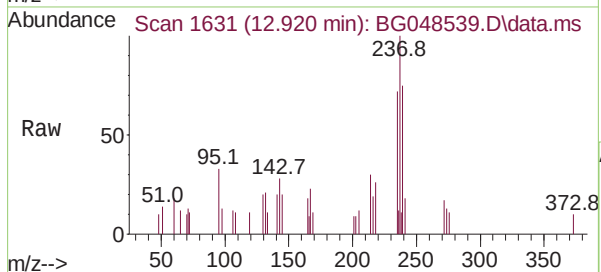
Abundance Scan 1631 (12.924 min): BG048516.D\data.ms (-1541) (-)

Hexachlorocyclopentadiene
Concen: 3.79 ng
RT: 12.920 min Scan# 1631
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

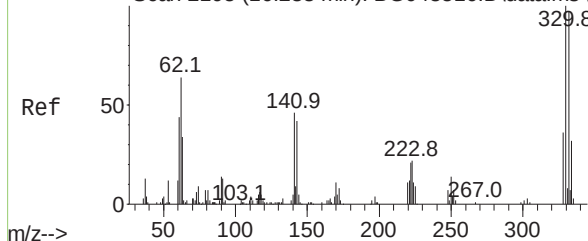


Tgt Ion:	237	Resp:	3184
Ion	Ratio	Lower	Upper
237	100		
235	71.8	39.7	79.7
272	16.7	0.0	28.8

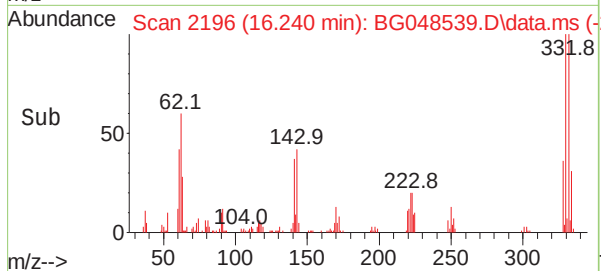
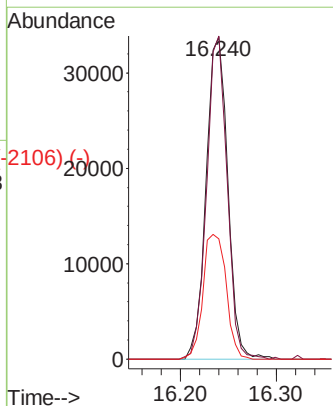
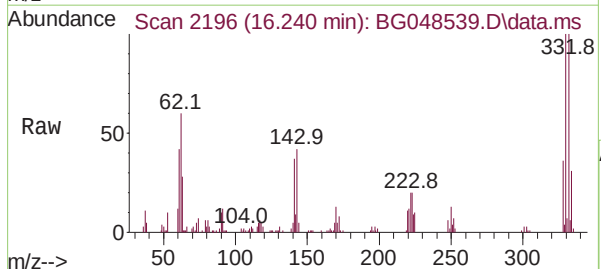


Abundance Scan 2195 (16.238 min): BG048516.D\data.ms (-2106) (-)

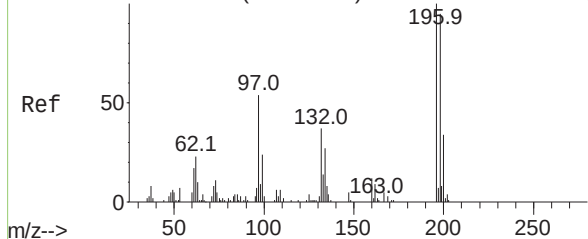
2,4,6-Tribromophenol
Concen: 85.13 ng
RT: 16.240 min Scan# 2196
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20



Tgt Ion:	330	Resp:	52300
Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.6	116.4
141	41.4	34.6	52.0



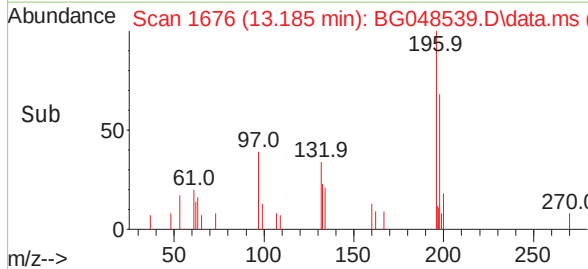
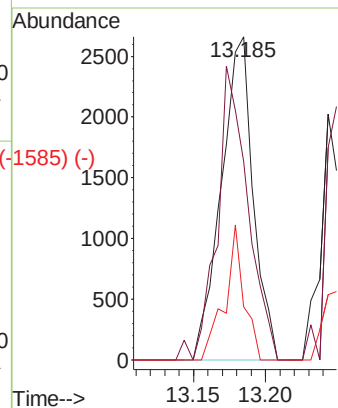
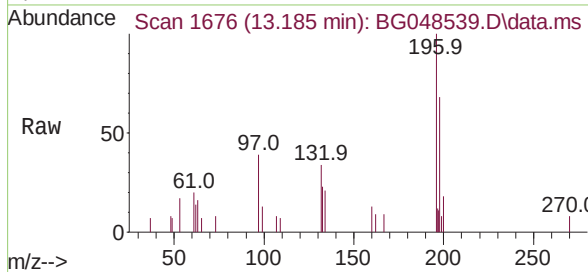
Abundance Scan 1675 (13.182 min): BG048516.D\data.ms (-1642) (-)



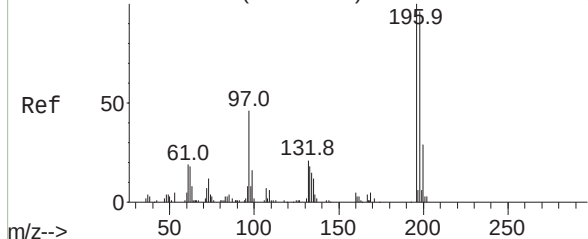
2,4,6-Trichlorophenol
Concen: 4.13 ng
RT: 13.185 min Scan# 1676
Delta R.T. 0.004 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:	196	Resp:	4115
Ion	Ratio	Lower	Upper
196	100		
198	61.4	75.8	113.6#
200	16.5	27.0	40.6#

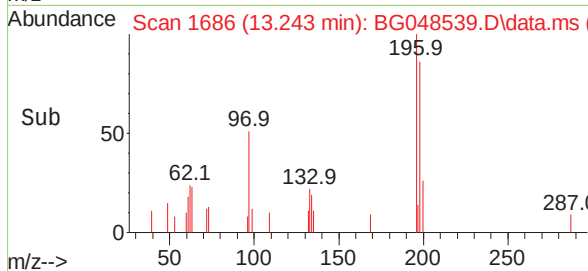
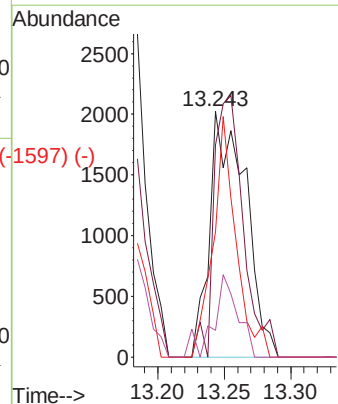
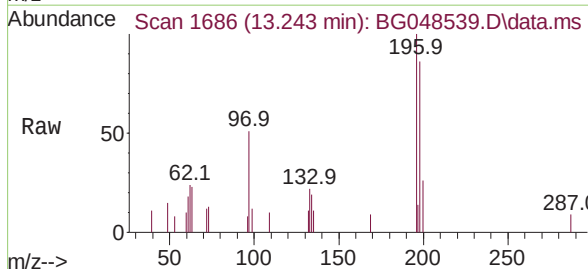


Abundance Scan 1687 (13.253 min): BG048516.D\data.ms (-1641) (-)

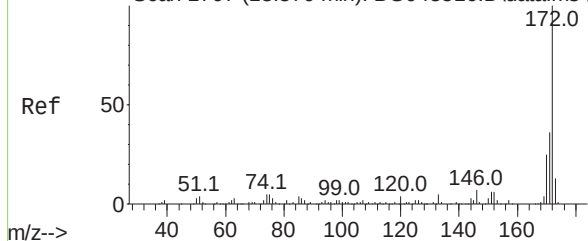


2,4,5-Trichlorophenol
Concen: 3.58 ng
RT: 13.243 min Scan# 1686
Delta R.T. -0.008 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Tgt Ion:	196	Resp:	3818
Ion	Ratio	Lower	Upper
196	100		
198	86.5	77.1	115.7
97	51.0	37.5	56.3
132	11.0	17.3	25.9#



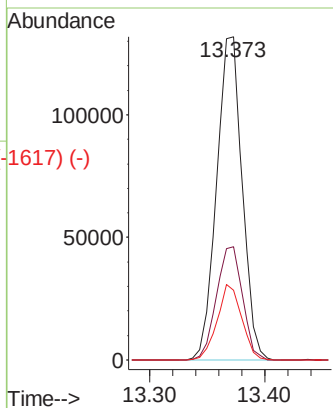
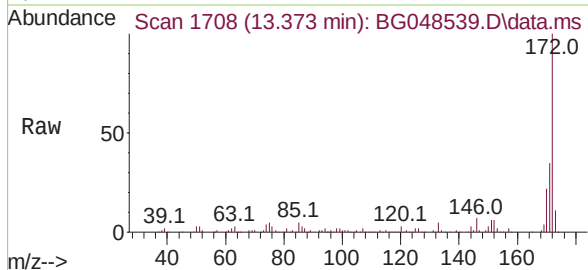
Abundance Scan 1707 (13.370 min): BG048516.D\data.ms (-1695) (-)



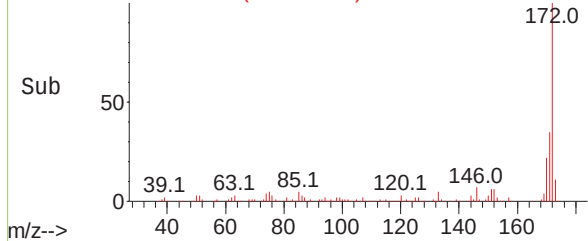
2-Fluorobiphenyl
Concen: 65.03 ng
RT: 13.373 min Scan# 1708
Delta R.T. 0.004 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

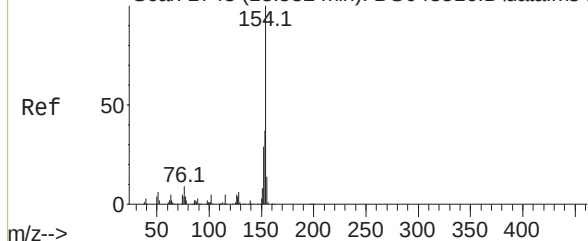
Tgt Ion:	172	Resp:	204468
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	21.5	19.8	29.6



Abundance Scan 1708 (13.373 min): BG048539.D\data.ms (-1617) (-)

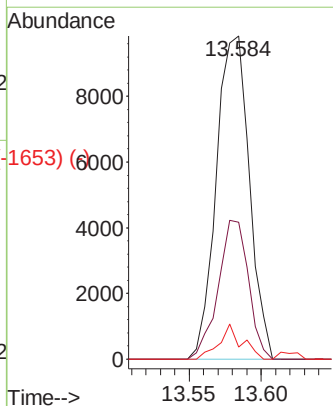
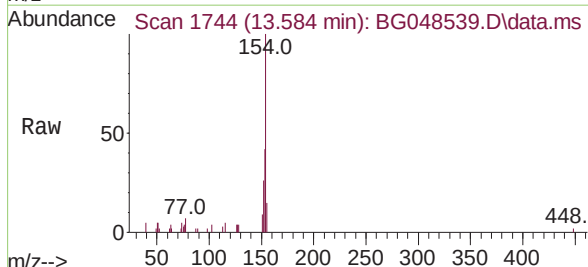


Abundance Scan 1743 (13.582 min): BG048516.D\data.ms (-1745) (-)

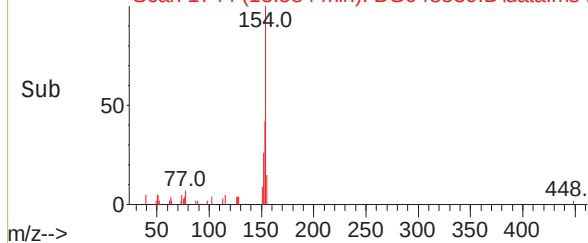


1,1'-Biphenyl
Concen: 4.58 ng
RT: 13.584 min Scan# 1744
Delta R.T. 0.004 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Tgt Ion:	154	Resp:	15640
Ion	Ratio	Lower	Upper
154	100		
153	42.3	17.3	57.3
76	3.8	0.0	28.6



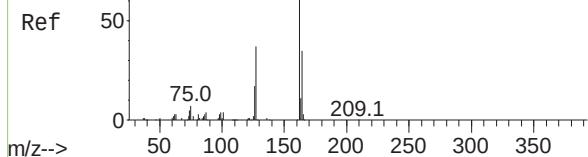
Abundance Scan 1744 (13.584 min): BG048539.D\data.ms (-1653) (-)



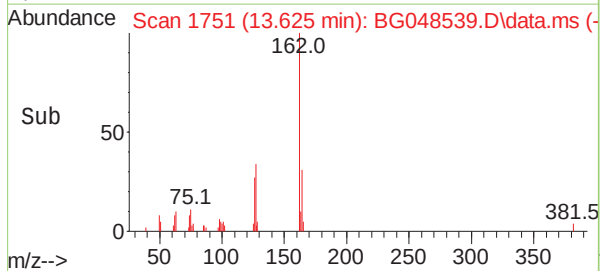
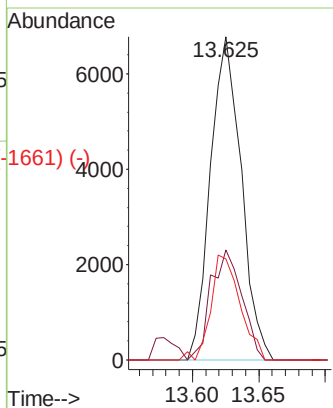
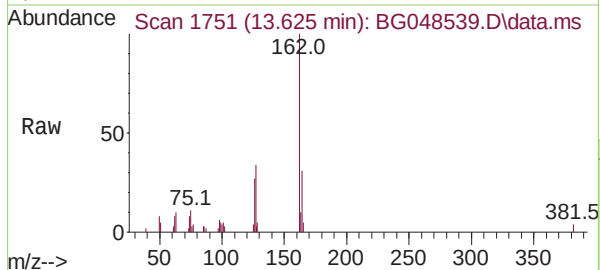
Abundance Scan 1751 (13.629 min): BG048516.D\data.ms (-1741) (-)

2-Chloronaphthalene
Concen: 4.19 ng
RT: 13.625 min Scan# 1751
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

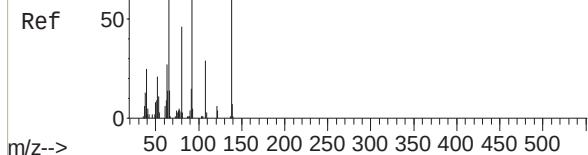


Tgt Ion:	162	Resp:	10892
Ion	Ratio	Lower	Upper
162	100		
127	34.0	31.8	47.8
164	31.3	27.8	41.6

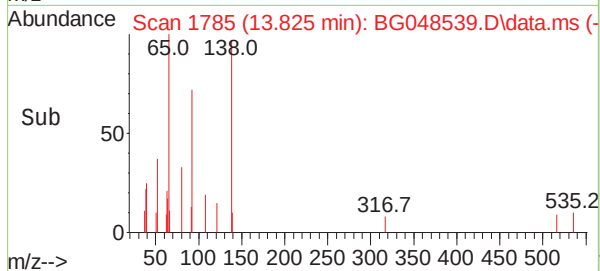
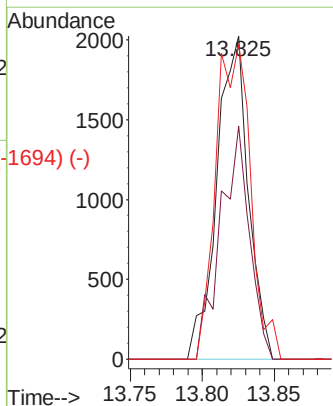
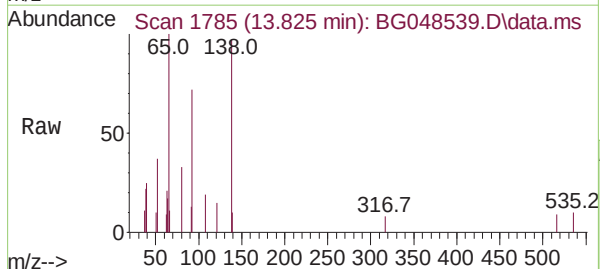


Abundance Scan 1784 (13.823 min): BG048516.D\data.ms (-1746) (-)

2-Nitroaniline
Concen: 3.72 ng
RT: 13.825 min Scan# 1785
Delta R.T. 0.004 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20



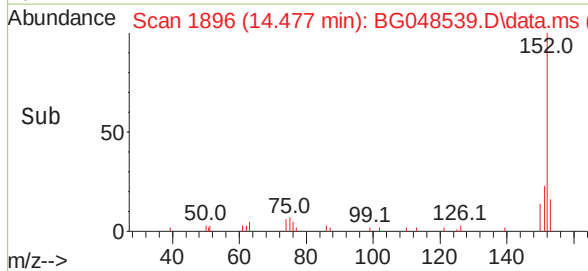
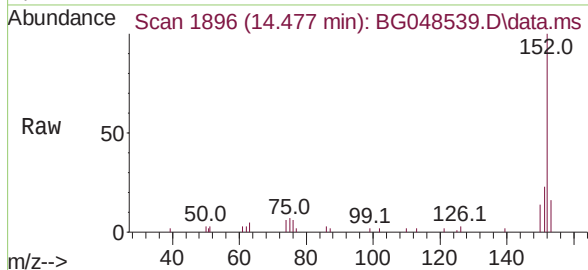
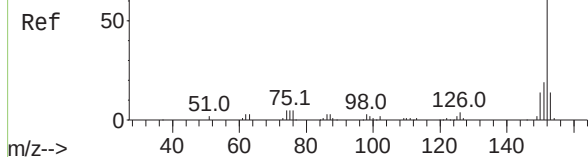
Tgt Ion:	65	Resp:	3075
Ion	Ratio	Lower	Upper
65	100		
92	72.0	56.7	85.1
138	97.5	89.6	134.4



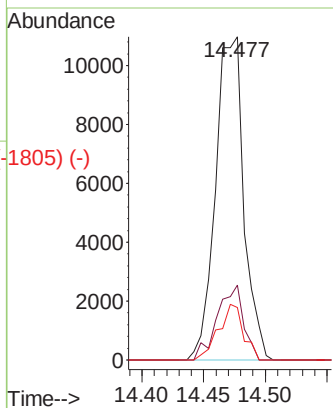
Abundance Scan 1894 (14.469 min): BG048516.D\data.ms (-1849) (-)

Acenaphthylene
Concen: 4.31 ng
RT: 14.477 min Scan# 1896
Delta R.T. 0.004 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

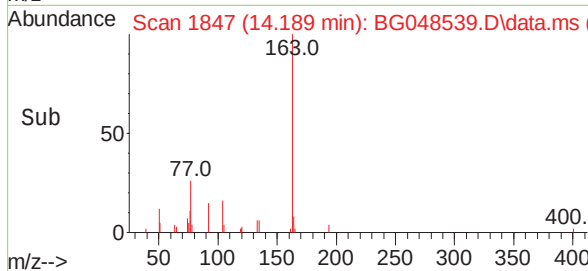
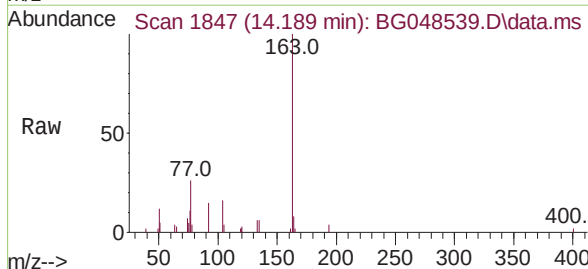
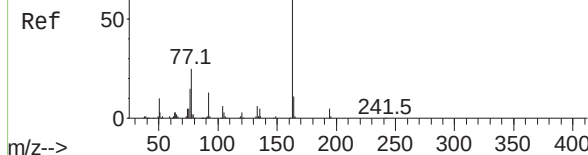


Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.1	15.0	22.6#
153	16.3	11.0	16.6

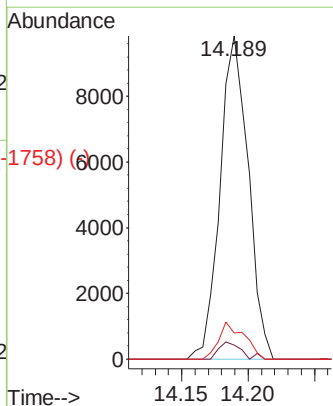


Abundance Scan 1847 (14.193 min): BG048516.D\data.ms (-1850) (-)

Dimethylphthalate
Concen: 4.17 ng
RT: 14.189 min Scan# 1847
Delta R.T. -0.008 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20



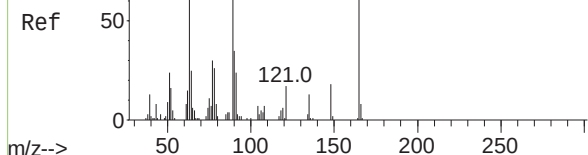
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	4.1	6.1
164	8.1	8.6	12.8#



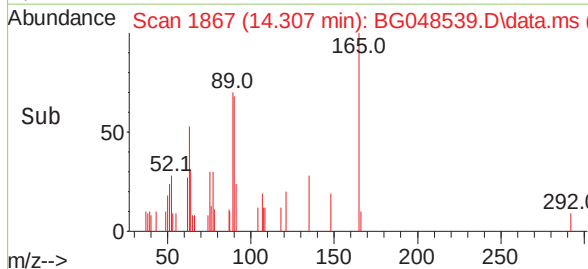
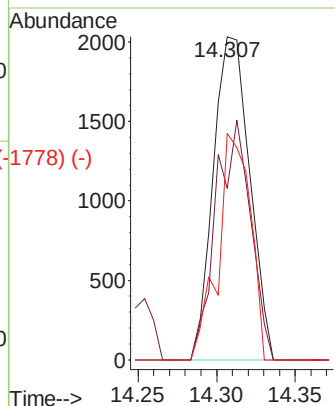
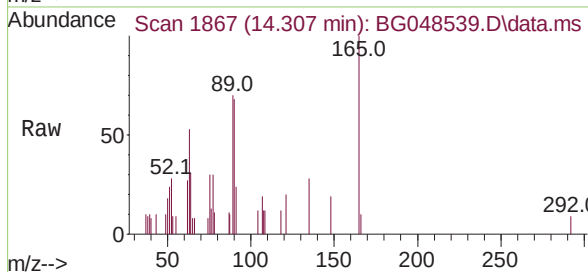
Abundance Scan 1868 (14.316 min): BG048516.D\data.ms (-1651) (-)

2,6-Dinitrotoluene
Concen: 4.11 ng
RT: 14.307 min Scan# 1867
Delta R.T. -0.008 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

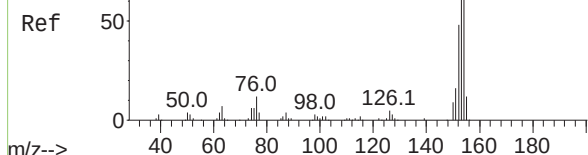


Tgt Ion:	165	Resp:	3261
Ion	Ratio	Lower	Upper
165	100		
63	53.0	53.8	80.6#
89	70.0	50.8	76.2

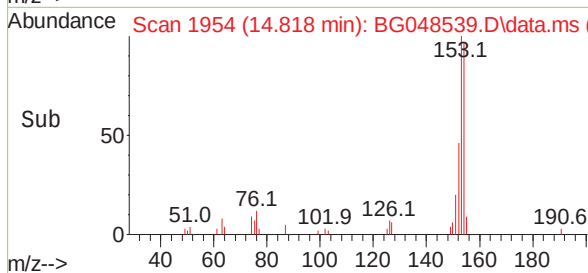
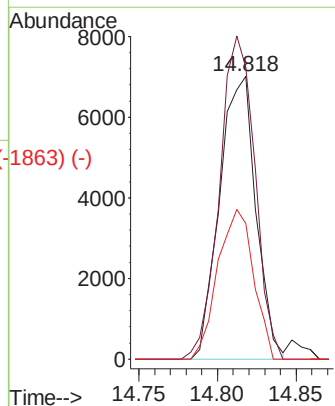
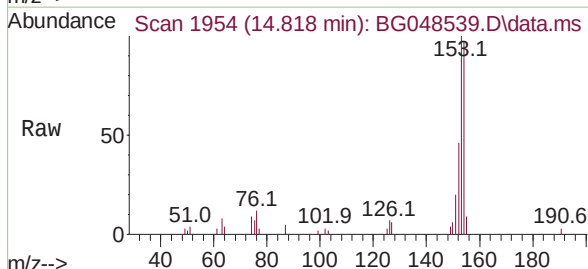


Abundance Scan 1953 (14.816 min): BG048516.D\data.ms (-1552) (-)

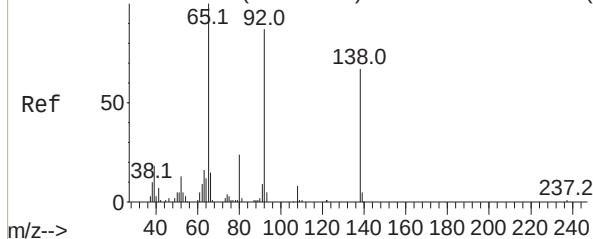
Acenaphthene
Concen: 3.81 ng
RT: 14.818 min Scan# 1954
Delta R.T. 0.004 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20



Tgt Ion:	154	Resp:	11227
Ion	Ratio	Lower	Upper
154	100		
153	103.1	86.6	129.8
152	47.9	41.5	62.3



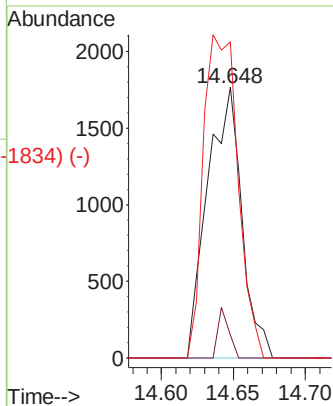
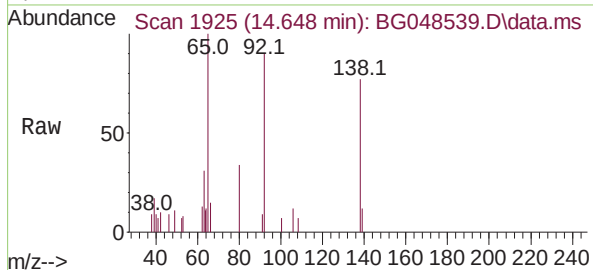
Abundance Scan 1924 (14.645 min): BG048516.D\data.ms (-1952) (-)



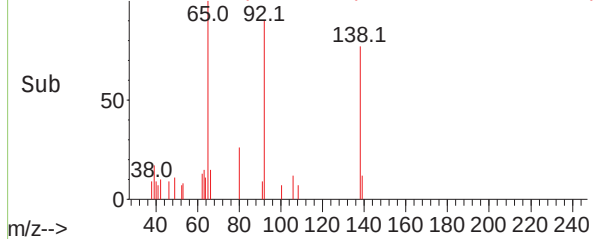
3-Nitroaniline
Concen: 3.74 ng
RT: 14.648 min Scan# 1925
Delta R.T. 0.004 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

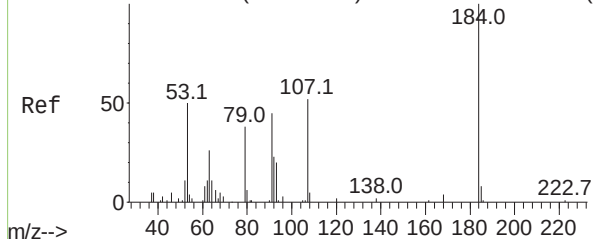
Tgt Ion:	138	Resp:	2914
Ion	Ratio	Lower	Upper
138	100		
108	8.6	9.2	13.8#
92	116.9	103.8	155.8



Abundance Scan 1925 (14.648 min): BG048539.D\data.ms (-1834) (-)

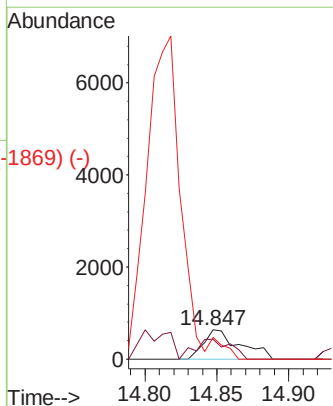
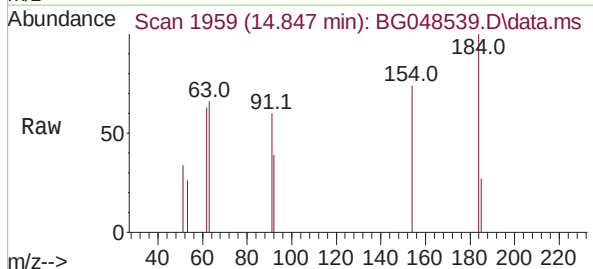


Abundance Scan 1959 (14.851 min): BG048516.D\data.ms (-1952) (-)

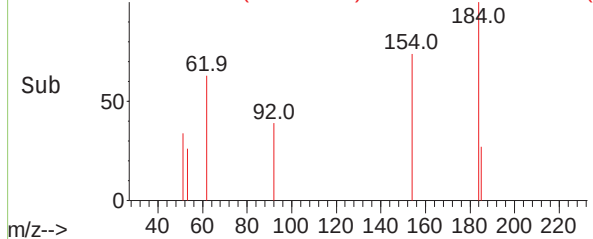


2,4-Dinitrophenol
Concen: 2.48 ng
RT: 14.847 min Scan# 1959
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

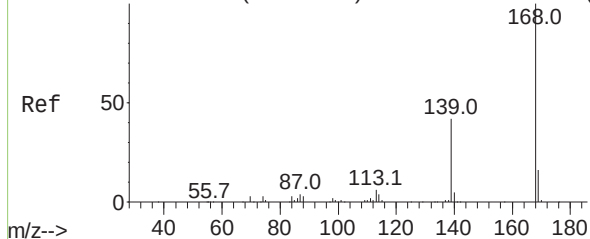
Tgt Ion:	184	Resp:	1107
Ion	Ratio	Lower	Upper
184	100		
63	66.1	56.6	84.8
154	73.9	54.9	82.3



Abundance Scan 1959 (14.847 min): BG048539.D\data.ms (-1869) (-)



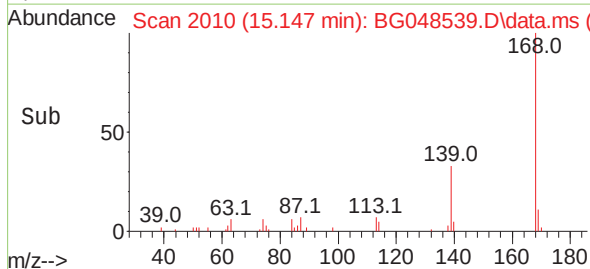
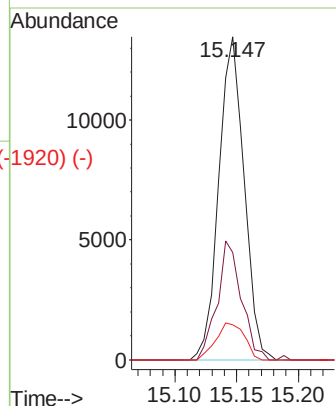
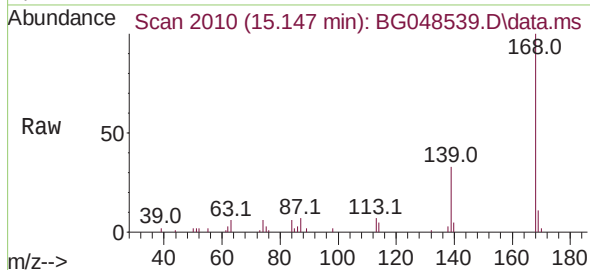
Abundance Scan 2009 (15.145 min): BG048516.D\data.ms (-1920) (-)



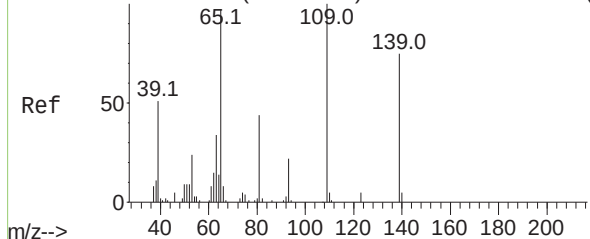
Dibenzofuran
Concen: 4.47 ng
RT: 15.147 min Scan# 2010
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:168 Resp: 19280
Ion Ratio Lower Upper
168 100
139 33.2 33.7 50.5#
169 10.9 12.5 18.7#

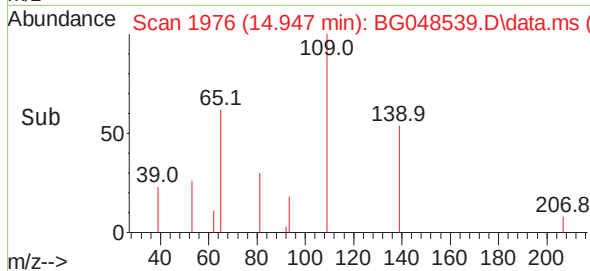
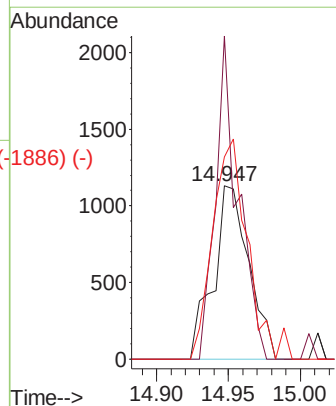
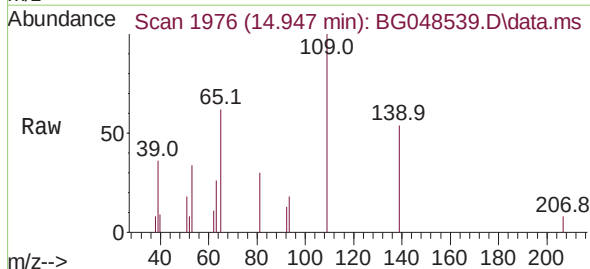


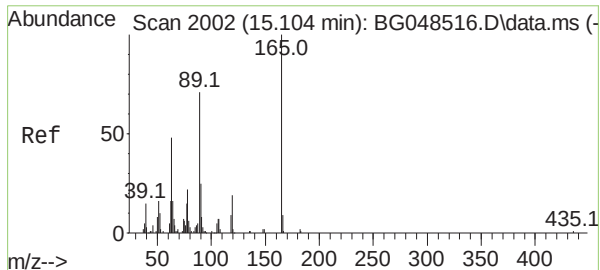
Abundance Scan 1976 (14.951 min): BG048516.D\data.ms (-1956) (-)



4-Nitrophenol
Concen: 3.08 ng
RT: 14.947 min Scan# 1976
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Tgt Ion:139 Resp: 1935
Ion Ratio Lower Upper
139 100
109 186.1 113.0 153.0#
65 116.2 109.4 149.4

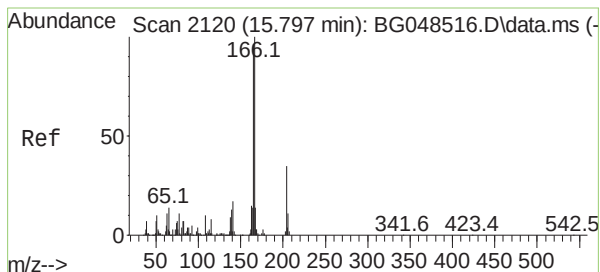
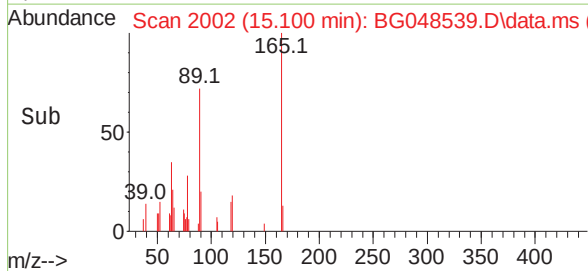
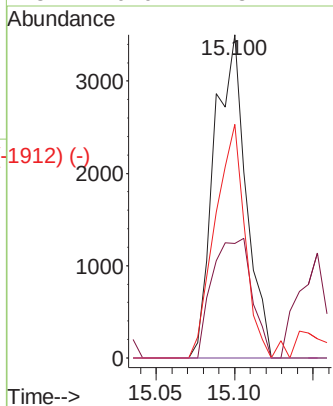
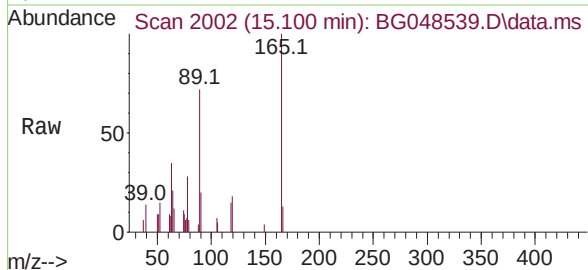




2,4-Dinitrotoluene
 Concen: 4.37 ng
 RT: 15.100 min Scan# 2002
 Delta R.T. -0.002 min
 Lab File: BG048539.D
 Acq: 1 Apr 2021 11:20

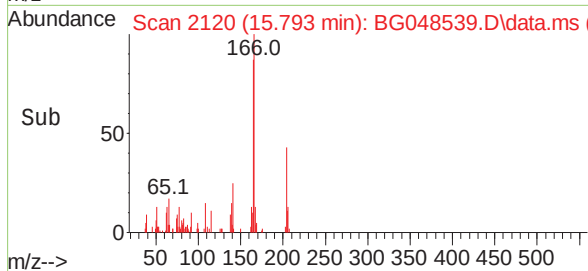
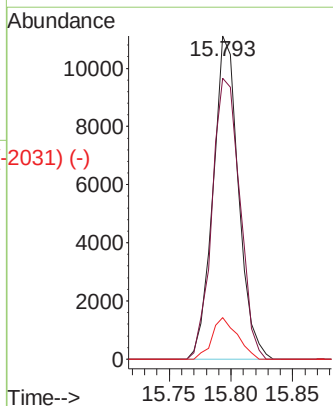
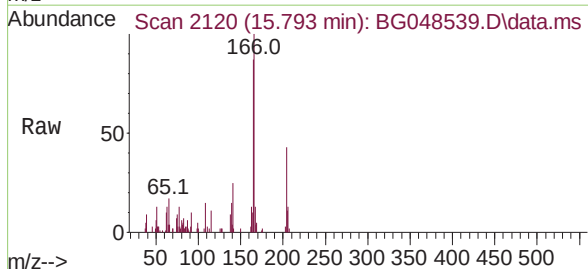
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

Tgt Ion:	165	Resp:	4904
Ion Ratio	Lower	Upper	
165	100		
63	35.4	38.3	57.5#
89	72.3	56.5	84.7
182	0.0	1.8	2.6#

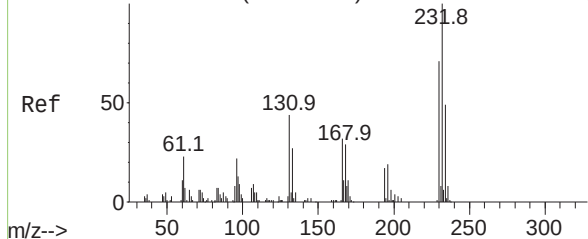


Fluorene
 Concen: 4.42 ng
 RT: 15.793 min Scan# 2120
 Delta R.T. -0.008 min
 Lab File: BG048539.D
 Acq: 1 Apr 2021 11:20

Tgt Ion:	166	Resp:	15941
Ion Ratio	Lower	Upper	
166	100		
165	86.9	76.8	115.2
167	12.9	11.1	16.7



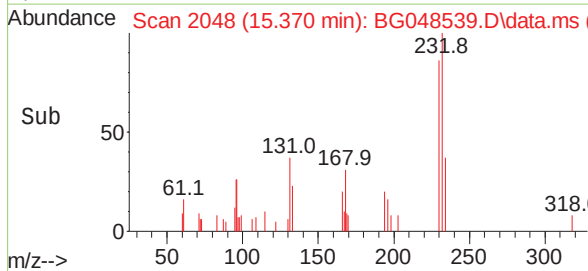
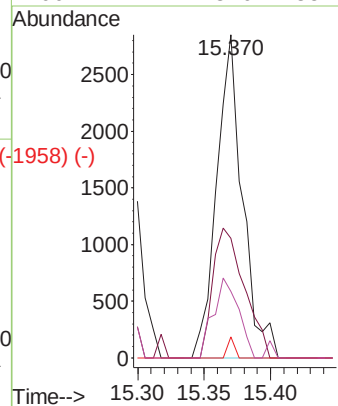
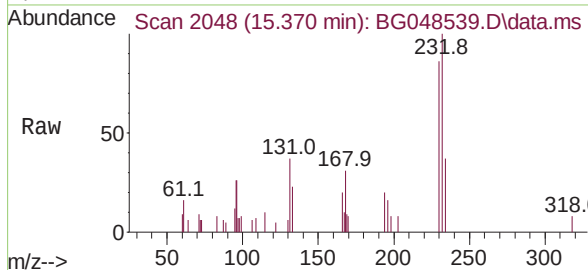
Abundance Scan 2047 (15.368 min): BG048516.D\data.ms (-259) (-)



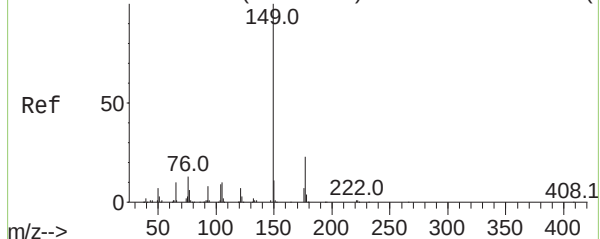
2,3,4,6-Tetrachlorophenol
Concen: 3.70 ng
RT: 15.370 min Scan# 2048
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:	232	Resp:	3842
Ion Ratio	Lower	Upper	
232	100		
131	49.3	35.0	52.4
130	1.7	2.4	3.6#
166	24.2	23.6	35.4

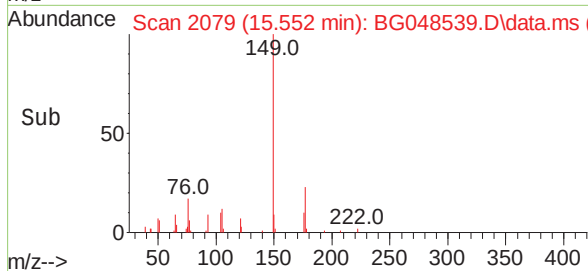
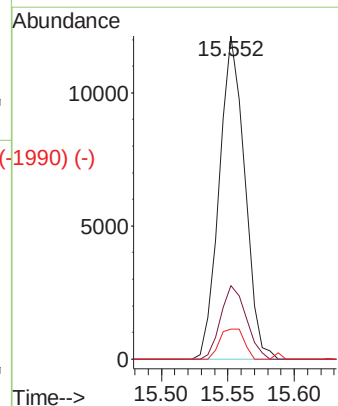
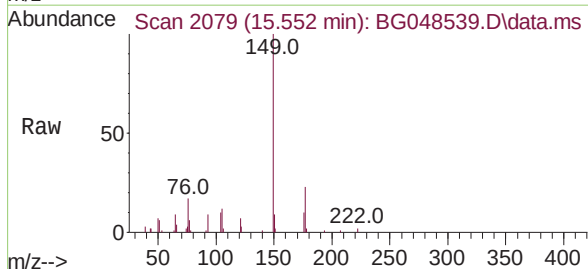


Abundance Scan 2079 (15.556 min): BG048516.D\data.ms (-260) (-)

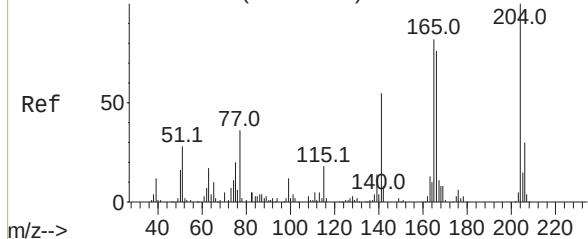


Diethylphthalate
Concen: 4.52 ng
RT: 15.552 min Scan# 2079
Delta R.T. -0.008 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Tgt Ion:	149	Resp:	16123
Ion Ratio	Lower	Upper	
149	100		
177	22.7	18.1	27.1
150	9.4	9.1	13.7



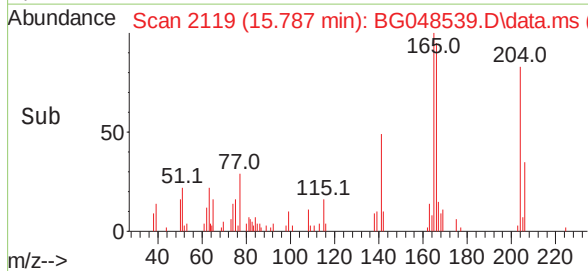
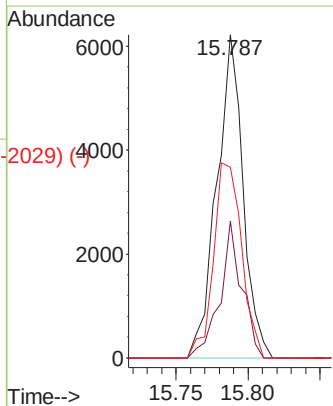
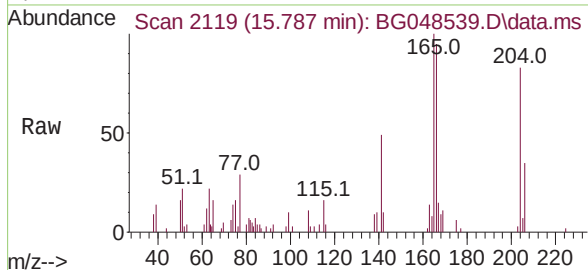
Abundance Scan 2118 (15.785 min): BG048516.D\data.ms (-2118) (-)



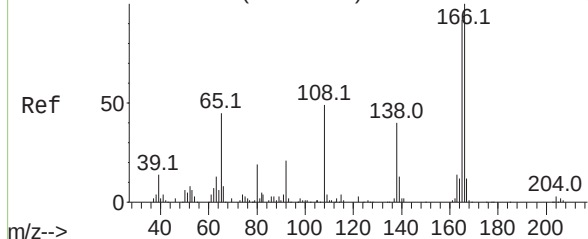
4-Chlorophenyl-phenylether
Concen: 4.06 ng
RT: 15.787 min Scan# 2119
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:	204	Resp:	7883
Ion	Ratio	Lower	Upper
204	100		
206	42.3	23.8	35.8#
141	59.0	44.0	66.0

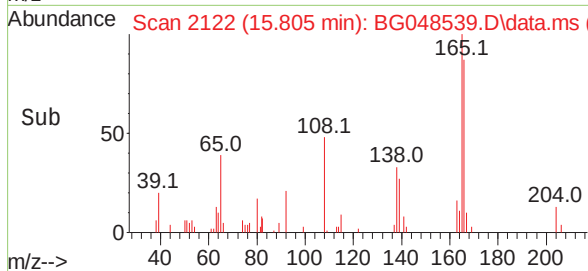
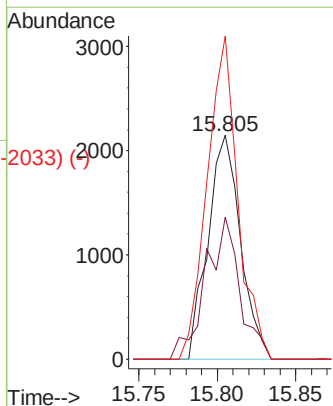
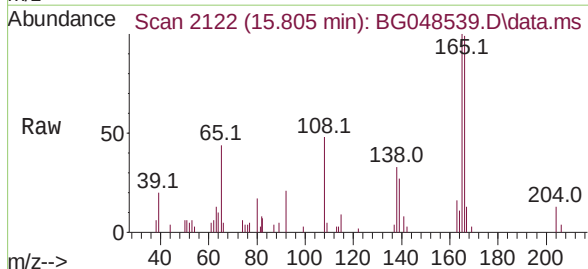


Abundance Scan 2122 (15.809 min): BG048516.D\data.ms (-2122) (-)

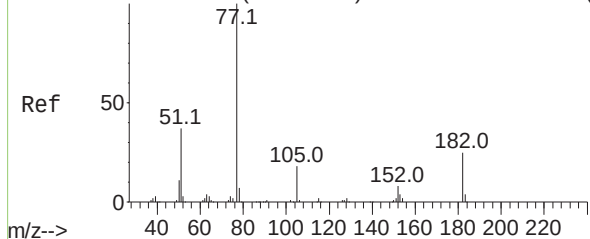


4-Nitroaniline
Concen: 3.78 ng
RT: 15.805 min Scan# 2122
Delta R.T. -0.008 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Tgt Ion:	138	Resp:	3079
Ion	Ratio	Lower	Upper
138	100		
92	63.5	32.2	72.2
108	144.5	104.1	144.1#



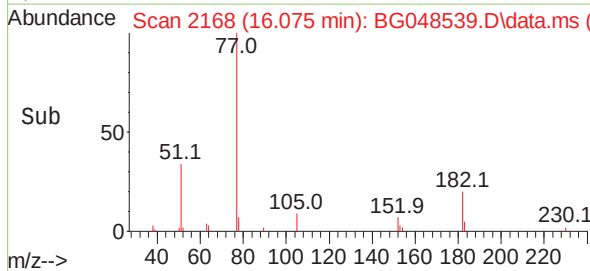
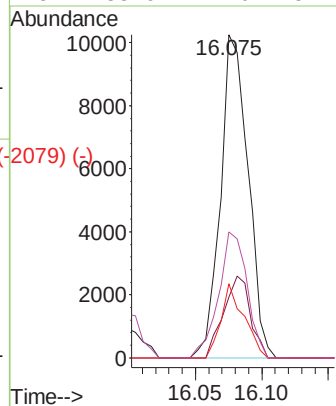
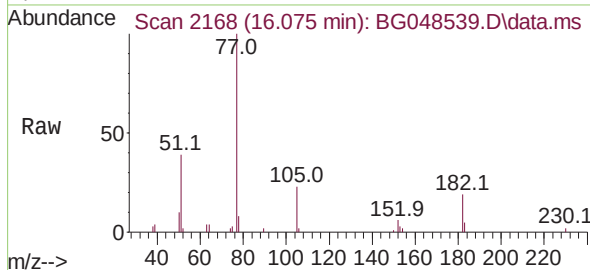
Abundance Scan 2168 (16.079 min): BG048516.D\data.ms (-2168) (-)



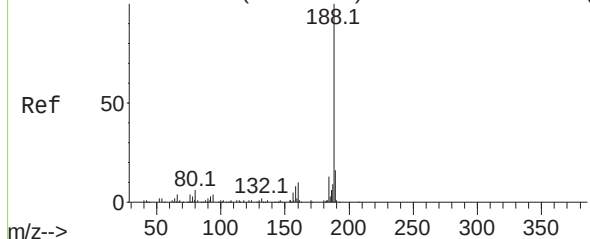
Azobenzene
Concen: 4.19 ng
RT: 16.075 min Scan# 2168
Delta R.T. -0.008 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:	77	Resp:	14700
Ion	Ratio	Lower	Upper
77	100		
182	18.7	5.3	45.3
105	23.0	0.0	37.8
51	38.9	17.0	57.0

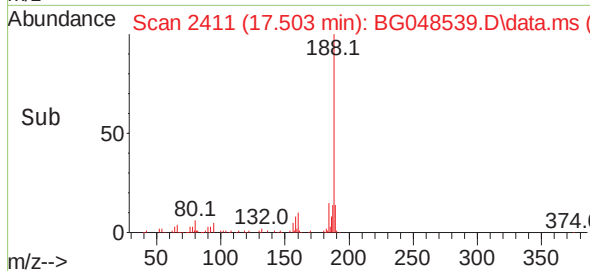
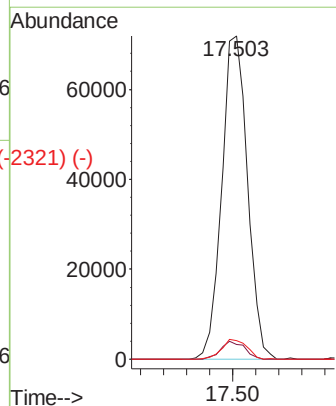
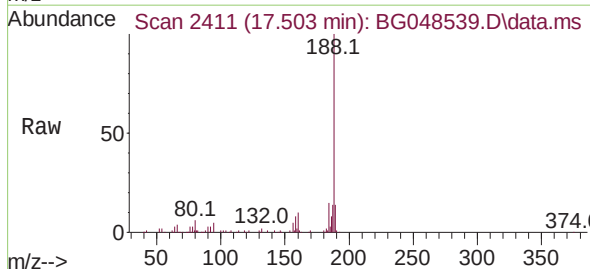


Abundance Scan 2410 (17.501 min): BG048516.D\data.ms (-2410) (-)

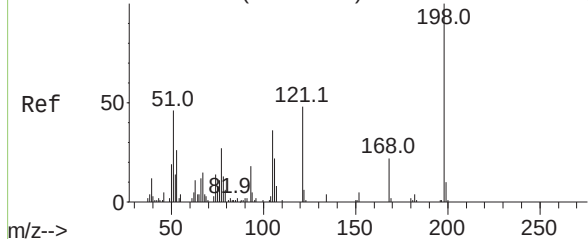


Phenanthrene-d10
Concen: 20.00 ng
RT: 17.503 min Scan# 2411
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Tgt Ion:	188	Resp:	111552
Ion	Ratio	Lower	Upper
188	100		
94	4.6	3.0	4.6#
80	6.3	4.5	6.7



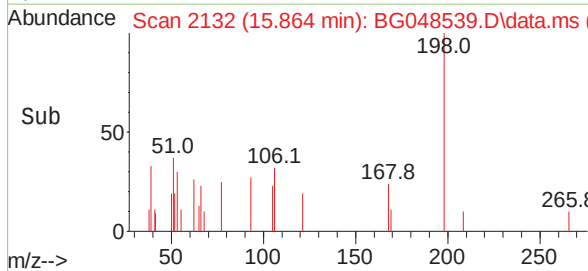
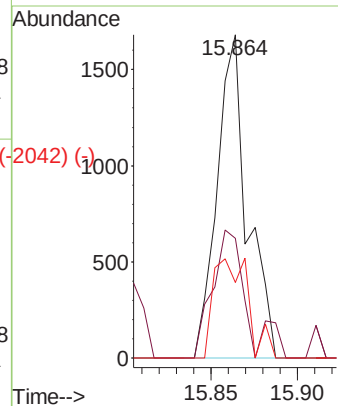
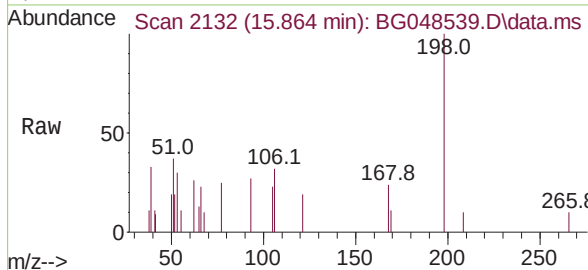
Abundance Scan 2132 (15.864 min): BG048516.D\data.ms (-2132) (-)



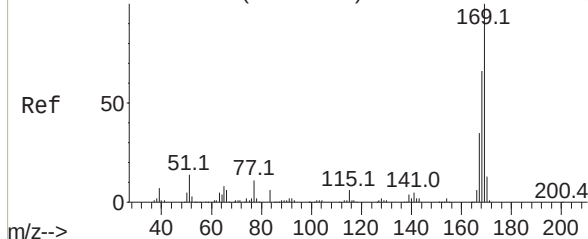
4,6-Dinitro-2-methylphenol
Concen: 3.06 ng
RT: 15.864 min Scan# 2132
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:	198	Resp:	2049
Ion	Ratio	Lower	Upper
198	100		
51	37.0	26.5	66.5
105	23.4	16.0	56.0

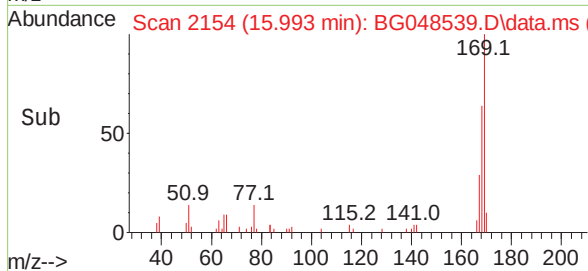
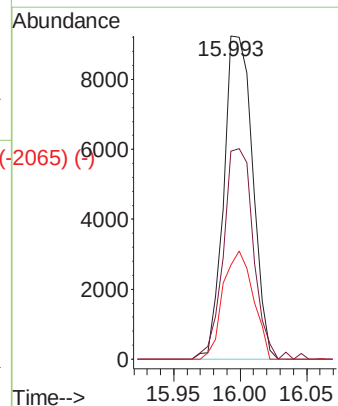
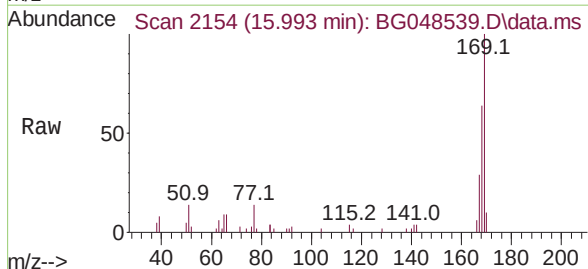


Abundance Scan 2155 (16.003 min): BG048516.D\data.ms (-2155) (-)

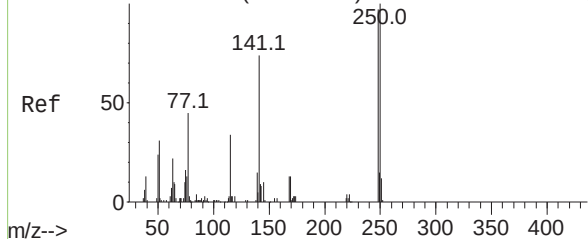


n-Nitrosodiphenylamine
Concen: 4.39 ng
RT: 15.993 min Scan# 2154
Delta R.T. -0.008 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Tgt Ion:	169	Resp:	13942
Ion	Ratio	Lower	Upper
169	100		
168	64.3	52.7	79.1
167	29.2	27.8	41.8



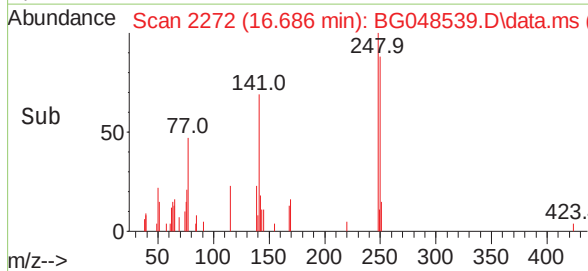
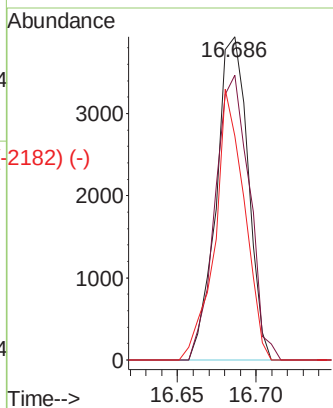
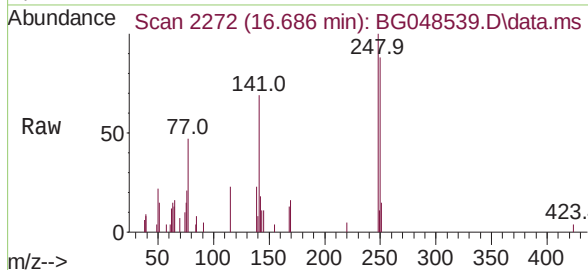
Abundance Scan 2271 (16.684 min): BG048516.D\data.ms (-265) (-)



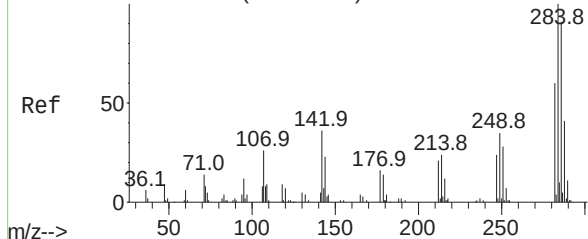
4-Bromophenyl-phenylether
Concen: 4.49 ng
RT: 16.686 min Scan# 2272
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:	248	Resp:	5551
Ion Ratio	Lower	Upper	
248	100		
250	88.0	82.6	124.0
141	69.4	61.0	91.6

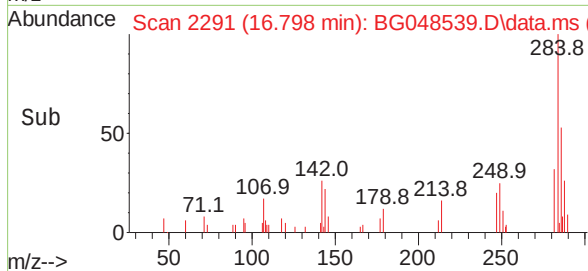
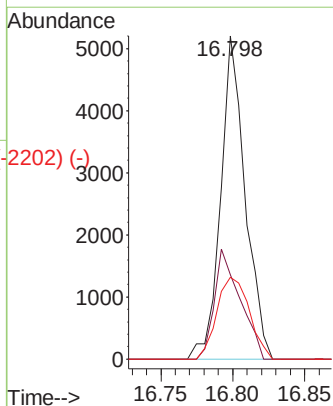
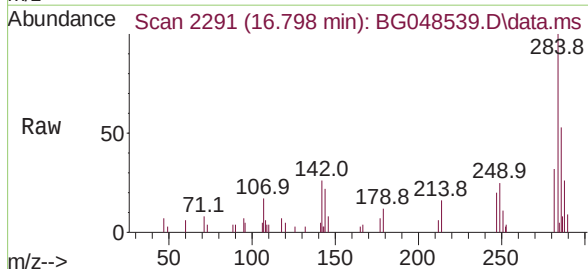


Abundance Scan 2291 (16.802 min): BG048516.D\data.ms (-264) (-)

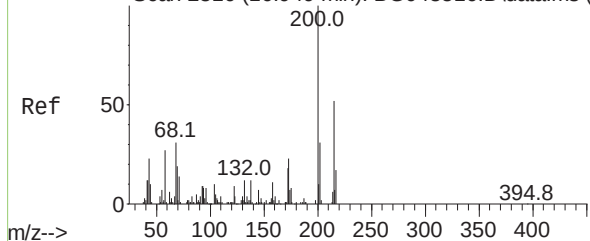


Hexachlorobenzene
Concen: 4.76 ng
RT: 16.798 min Scan# 2291
Delta R.T. -0.008 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Tgt Ion:	284	Resp:	6152
Ion Ratio	Lower	Upper	
284	100		
142	26.1	29.1	43.7#
249	25.3	27.7	41.5#



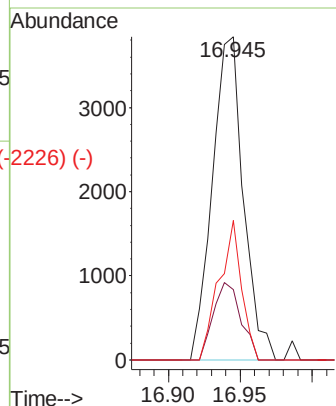
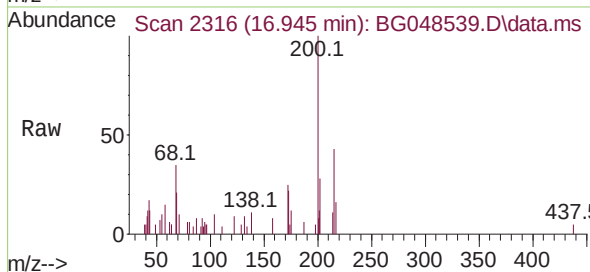
Abundance Scan 2316 (16.949 min): BG048516.D\data.ms (-2369) (-)



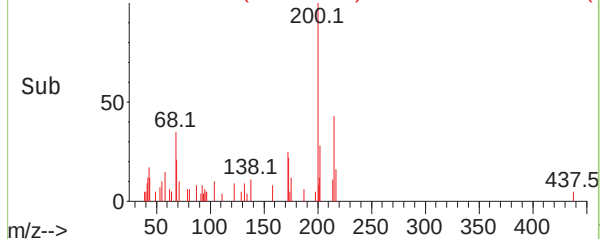
Atrazine
Concen: 4.44 ng
RT: 16.945 min Scan# 2316
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

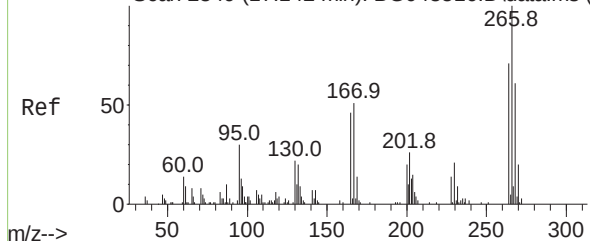
Tgt Ion:	200	Resp:	5741
Ion Ratio	Lower	Upper	
200	100		
173	21.8	2.8	42.8
215	43.1	31.7	71.7



Abundance Scan 2316 (16.945 min): BG048539.D\data.ms (-2226) (-)

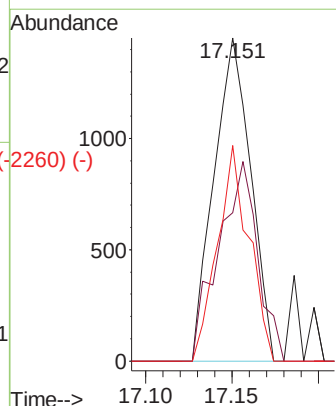
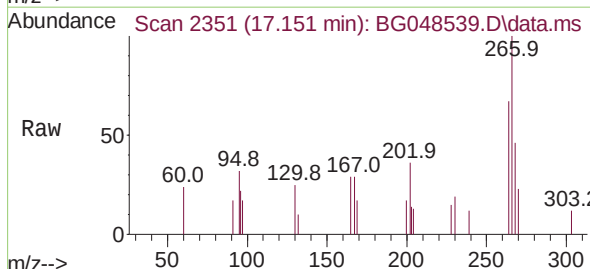


Abundance Scan 2349 (17.142 min): BG048516.D\data.ms (-2379) (-)

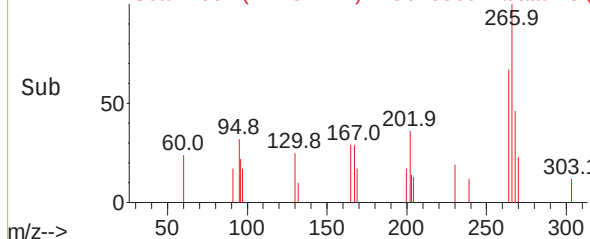


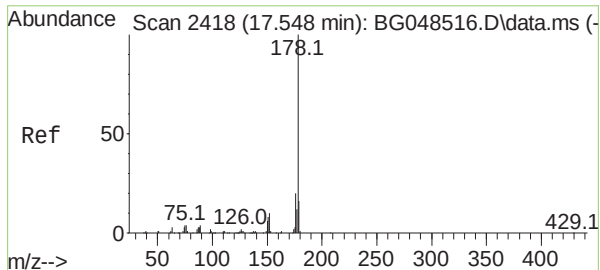
Pentachlorophenol
Concen: 2.69 ng
RT: 17.151 min Scan# 2351
Delta R.T. 0.004 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Tgt Ion:	266	Resp:	2157
Ion Ratio	Lower	Upper	
266	100		
268	45.9	48.6	73.0#
264	66.8	56.4	84.6



Abundance Scan 2351 (17.151 min): BG048539.D\data.ms (-2260) (-)

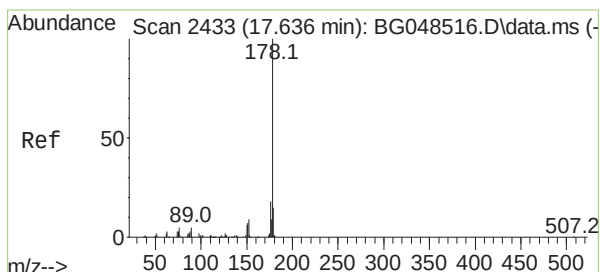
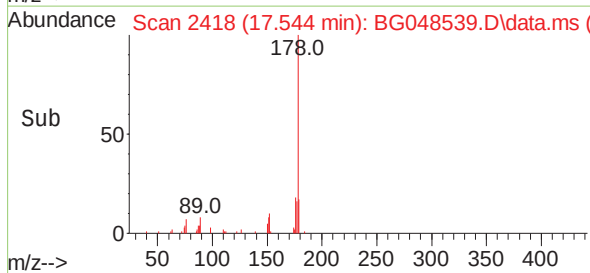
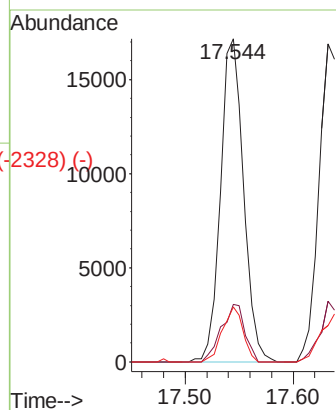
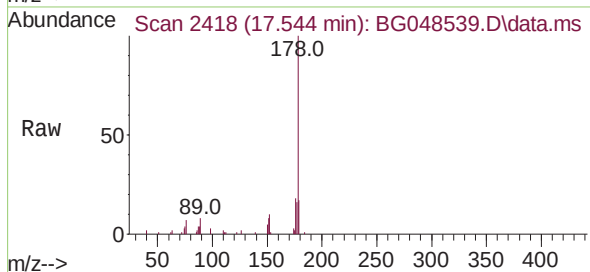




Phenanthrene
Concen: 4.43 ng
RT: 17.544 min Scan# 2418
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

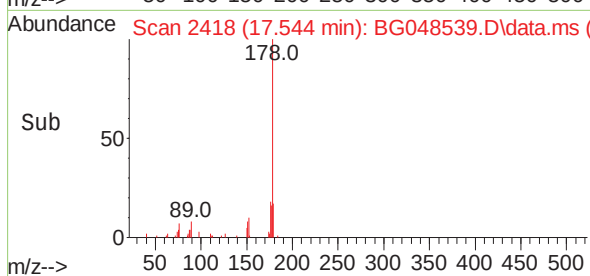
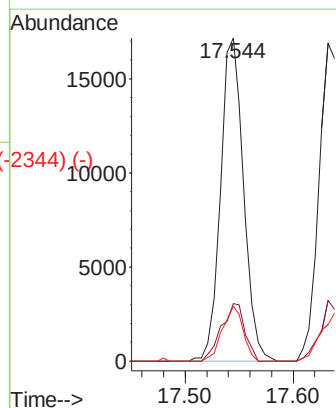
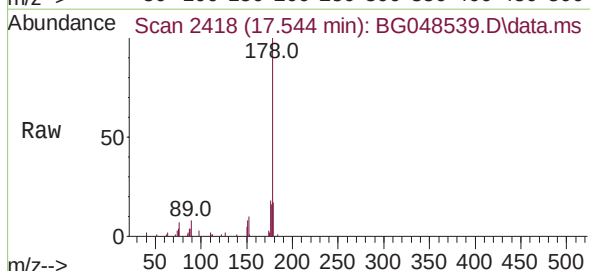
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:	178	Resp:	25679
Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.6	23.4
179	17.1	12.9	19.3

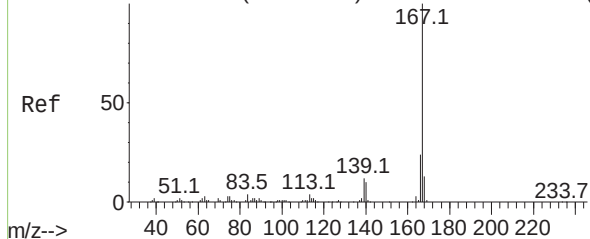


Anthracene
Concen: 4.45 ng
RT: 17.544 min Scan# 2418
Delta R.T. -0.096 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Tgt Ion:	178	Resp:	25679
Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.1	21.1
179	17.1	11.9	17.9



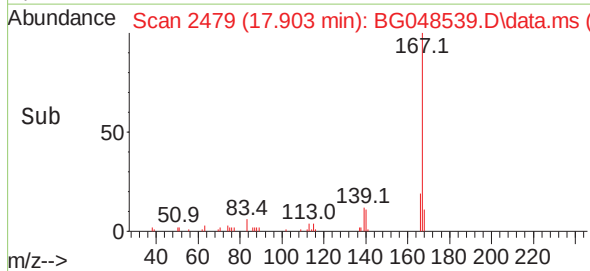
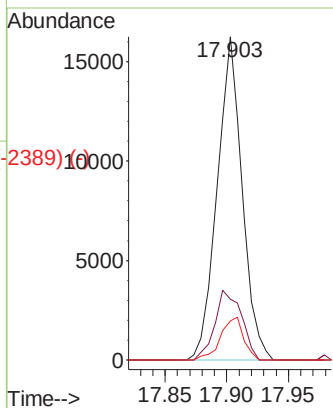
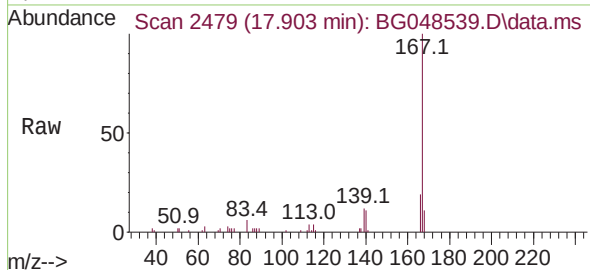
Abundance Scan 2479 (17.906 min): BG048516.D\data.ms (-2479) (-)



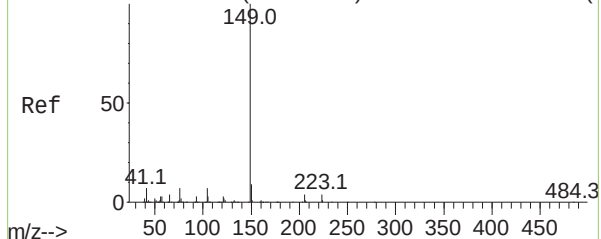
Carbazole
Concen: 4.18 ng
RT: 17.903 min Scan# 2479
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:	167	Resp:	22881
Ion	Ratio	Lower	Upper
167	100		
166	18.7	19.0	28.6#
139	12.1	10.0	15.0

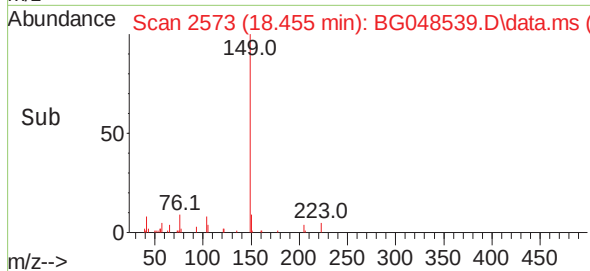
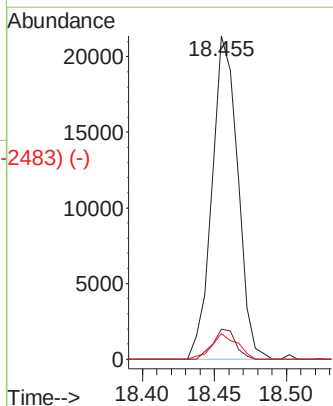
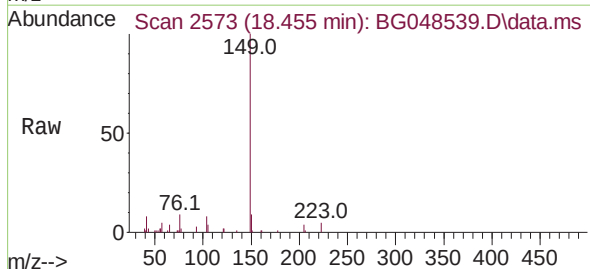


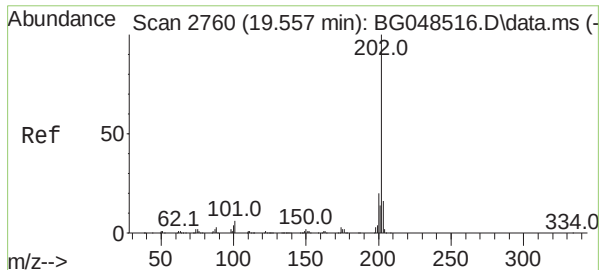
Abundance Scan 2573 (18.459 min): BG048516.D\data.ms (-2573) (-)



Di-n-butylphthalate
Concen: 4.32 ng
RT: 18.455 min Scan# 2573
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

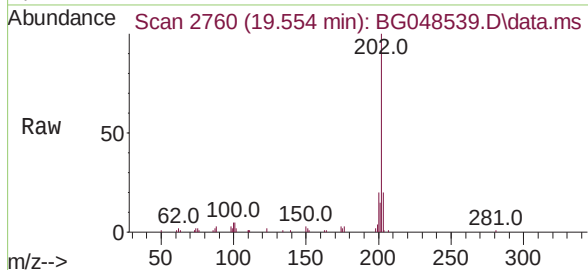
Tgt Ion:	149	Resp:	26414
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.0	10.4
104	7.9	5.9	8.9



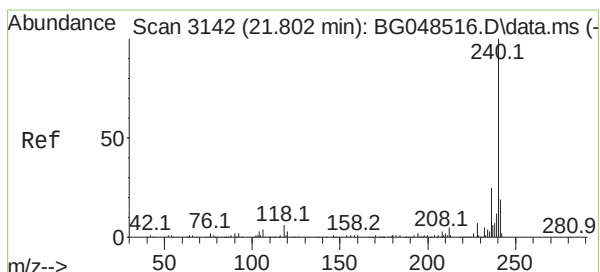
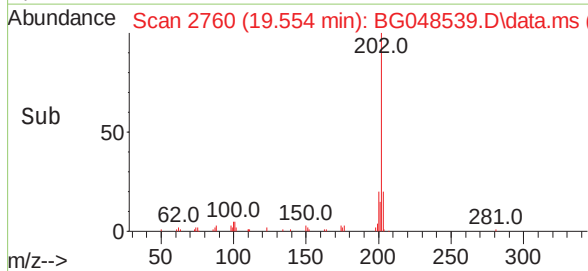
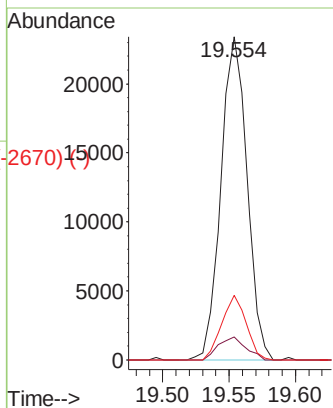


#35 (-)
Fluoranthene
Concen: 4.44 ng
RT: 19.554 min Scan# 2760
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

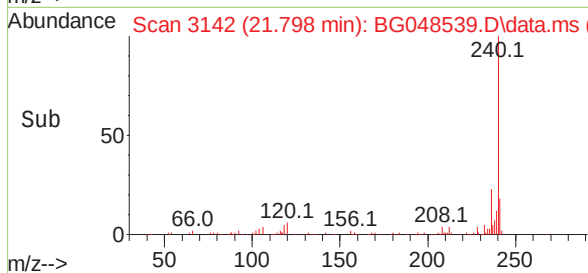
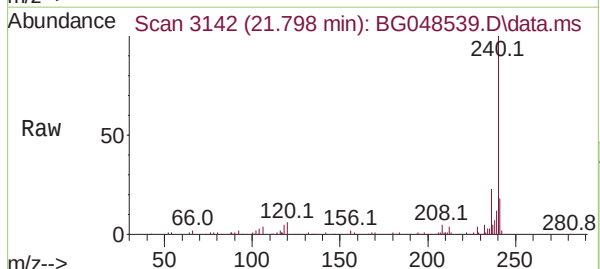
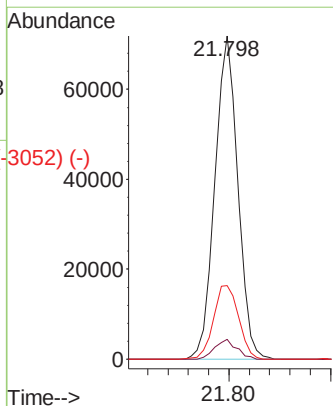


Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	25.8
203	19.9	0.0	36.4

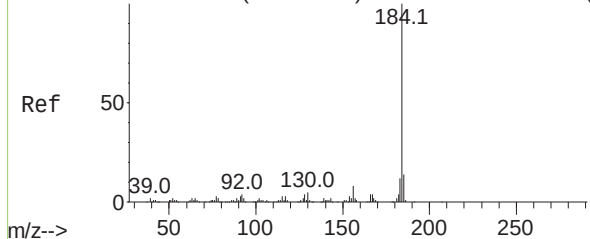


#34 (-)
Chrysene-d12
Concen: 20.00 ng
RT: 21.798 min Scan# 3142
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.0	2.6	3.8#
236	22.8	19.8	29.6



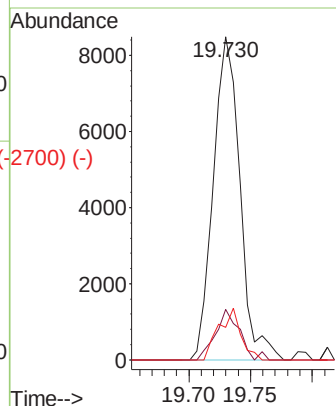
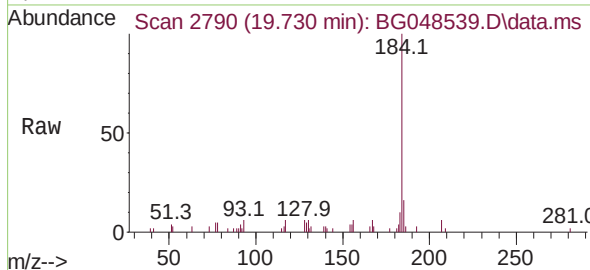
Abundance Scan 2790 (19.734 min): BG048516.D\data.ms (-2770) (-)



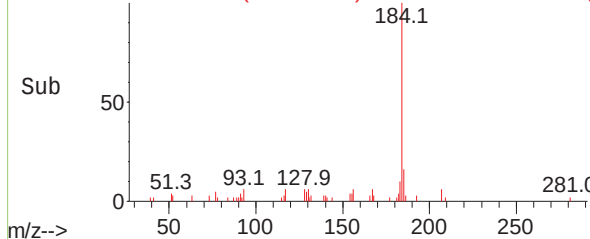
Benzidine
Concen: 3.35 ng
RT: 19.730 min Scan# 2790
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
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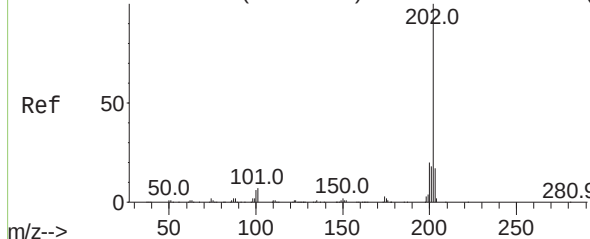
Tgt Ion:	184	Resp:	12761
Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.0	16.4
183	10.1	9.2	13.8



Abundance Scan 2790 (19.730 min): BG048539.D\data.ms (-2700) (-)

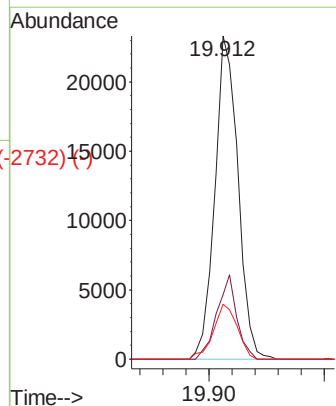
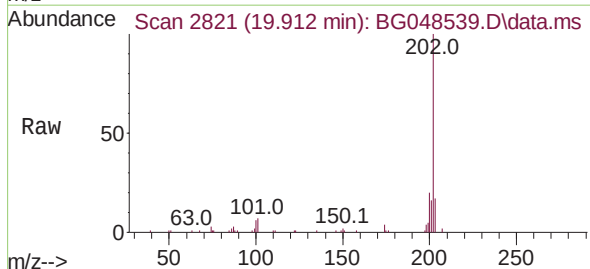


Abundance Scan 2821 (19.916 min): BG048516.D\data.ms (-2770) (-)

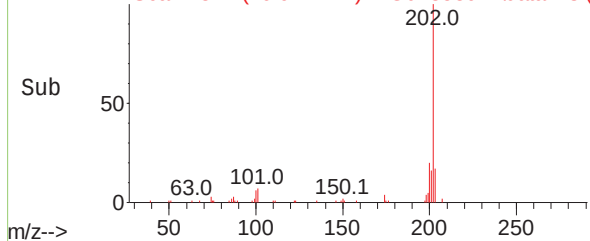


Pyrene
Concen: 4.20 ng
RT: 19.912 min Scan# 2821
Delta R.T. -0.008 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

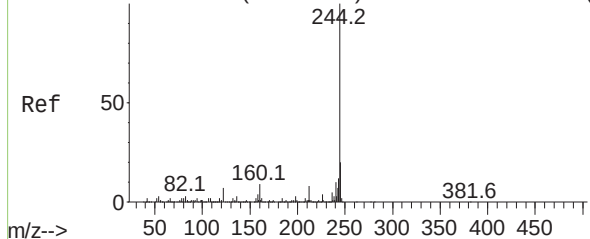
Tgt Ion:	202	Resp:	32532
Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.1	24.1
203	17.0	13.6	20.4



Abundance Scan 2821 (19.912 min): BG048539.D\data.ms (-2732) (-)



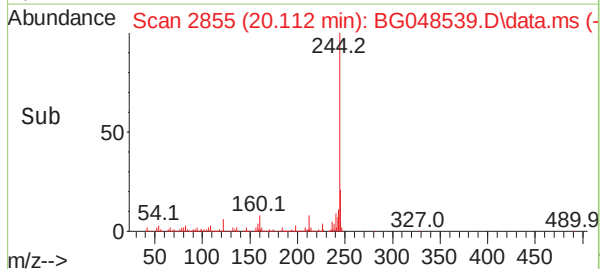
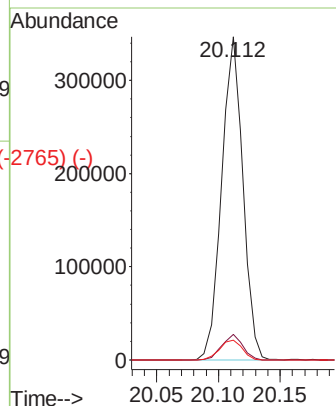
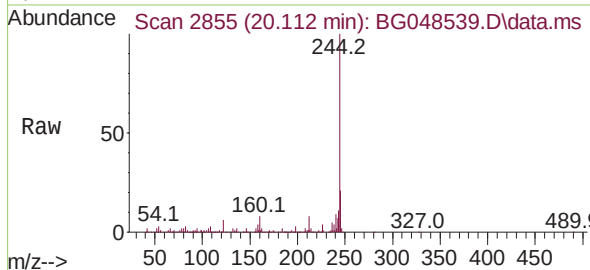
Abundance Scan 2854 (20.110 min): BG048516.D\data.ms (-2679) (-)



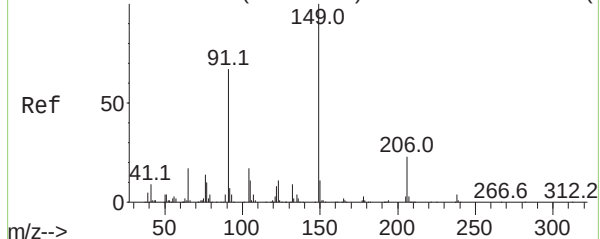
Terphenyl-d14
Concen: 67.26 ng
RT: 20.112 min Scan# 2855
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:	244	Resp:	414088
Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	6.2	5.8	8.6

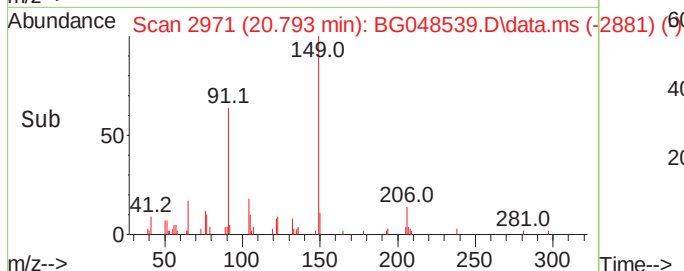
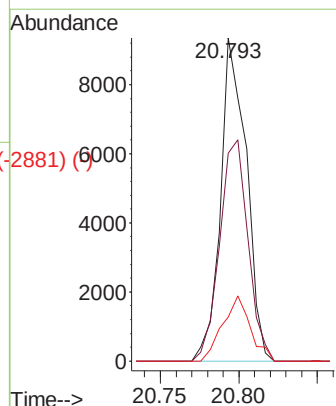
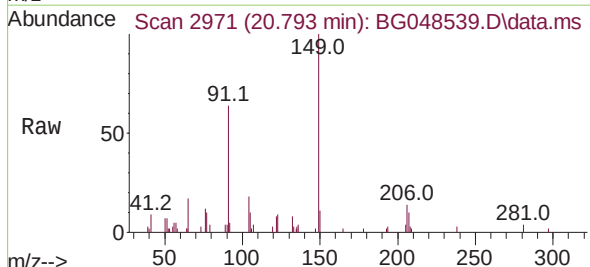


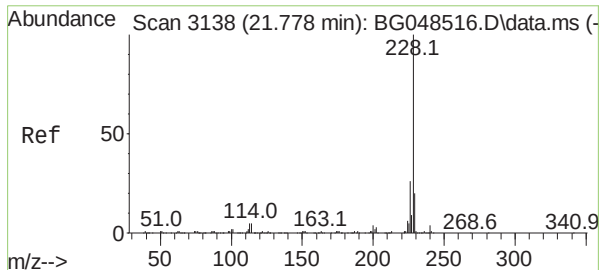
Abundance Scan 2971 (20.797 min): BG048516.D\data.ms (-2686) (-)



Butylbenzylphthalate
Concen: 3.70 ng
RT: 20.793 min Scan# 2971
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Tgt Ion:	149	Resp:	10644
Ion	Ratio	Lower	Upper
149	100		
91	64.3	53.6	80.4
206	13.6	18.3	27.5#

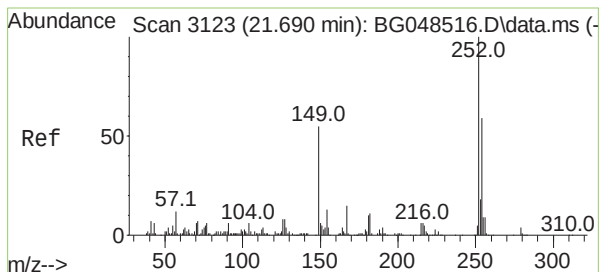
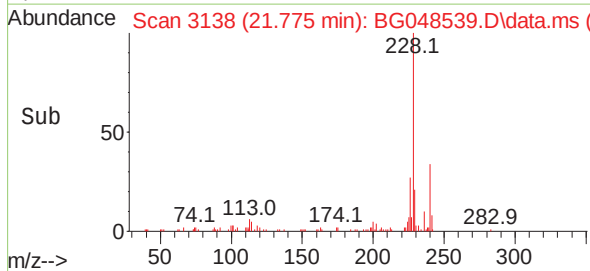
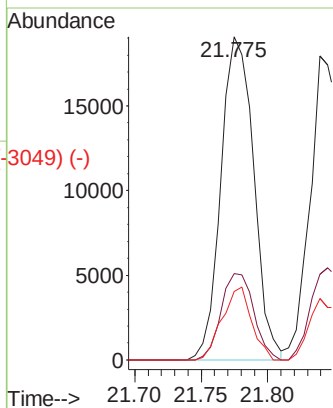
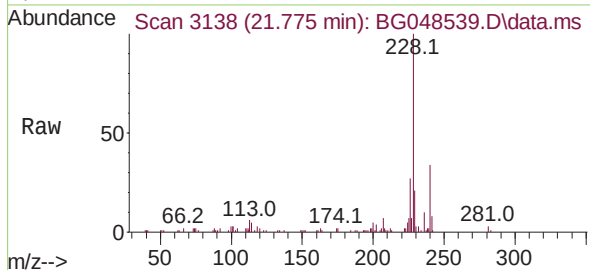




Benzo(a)anthracene
 Concen: 4.35 ng
 RT: 21.775 min Scan# 3138
 Delta R.T. -0.008 min
 Lab File: BG048539.D
 Acq: 1 Apr 2021 11:20

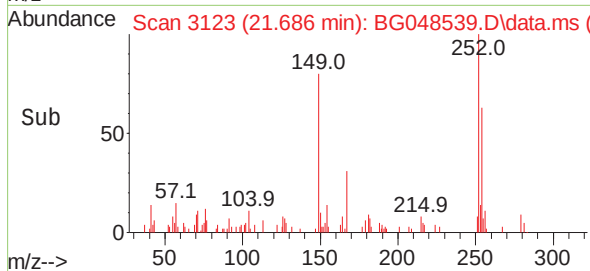
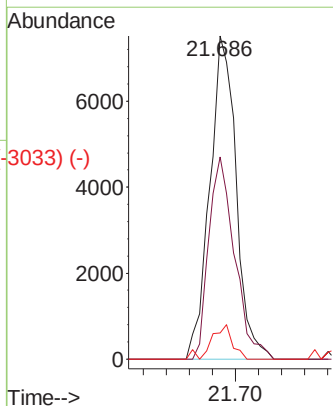
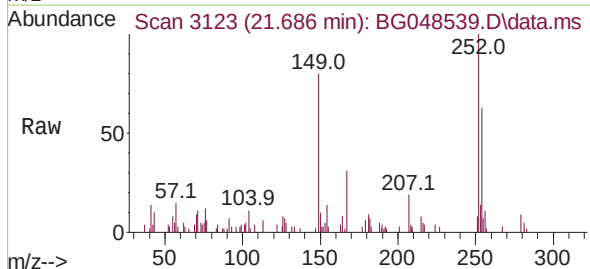
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

Tgt Ion:	228	Resp:	32726
Ion	Ratio	Lower	Upper
228	100		
226	26.8	20.6	30.8
229	21.2	15.8	23.8

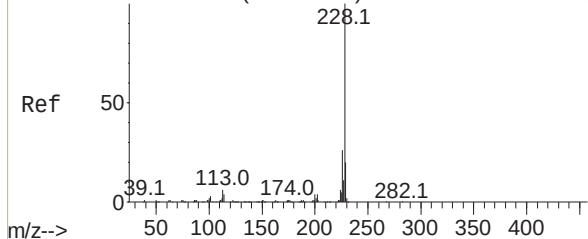


3,3'-Dichlorobenzidine
 Concen: 4.64 ng
 RT: 21.686 min Scan# 3123
 Delta R.T. -0.002 min
 Lab File: BG048539.D
 Acq: 1 Apr 2021 11:20

Tgt Ion:	252	Resp:	11982
Ion	Ratio	Lower	Upper
252	100		
254	62.5	47.4	71.2
126	8.1	6.1	9.1



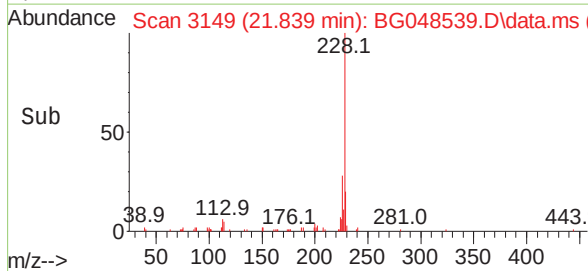
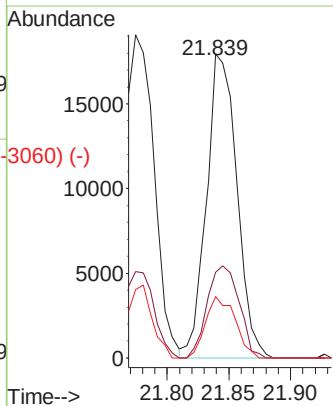
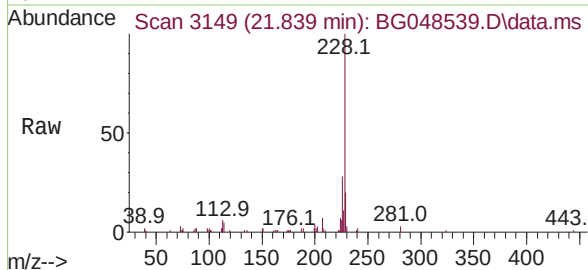
Abundance Scan 3150 (21.849 min): BG048516.D\data.ms (-3184) (-)



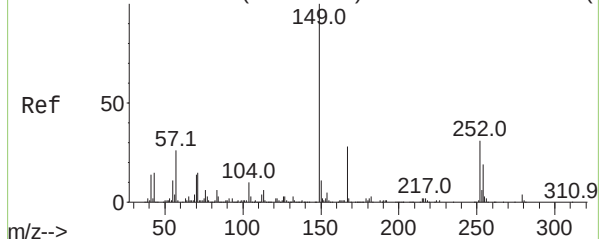
Chrysene
Concen: 4.28 ng
RT: 21.839 min Scan# 3149
Delta R.T. -0.008 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:	228	Resp:	30758
Ion	Ratio	Lower	Upper
228	100		
226	28.2	20.6	31.0
229	20.2	16.3	24.5

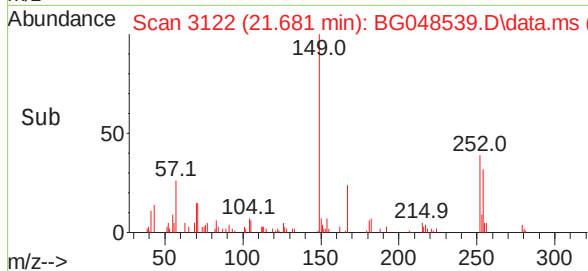
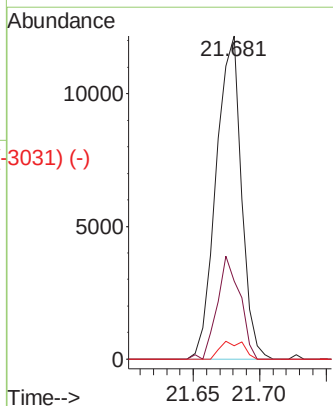
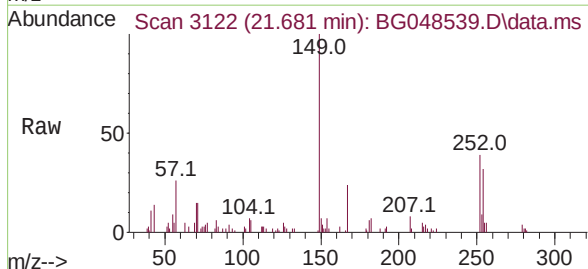


Abundance Scan 3121 (21.678 min): BG048516.D\data.ms (-3184) (-)

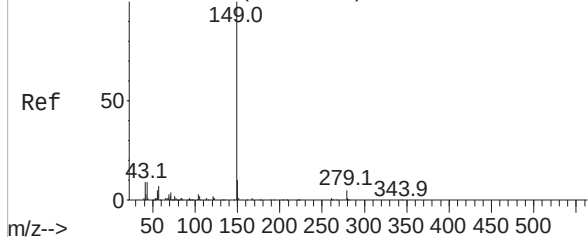


Bis(2-ethylhexyl)phthalate
Concen: 4.00 ng
RT: 21.681 min Scan# 3122
Delta R.T. 0.004 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Tgt Ion:	149	Resp:	16020
Ion	Ratio	Lower	Upper
149	100		
167	24.2	22.4	33.6
279	4.2	3.4	5.2



Abundance Scan 3335 (22.936 min): BG048516.D\data.ms (-3325) (-)

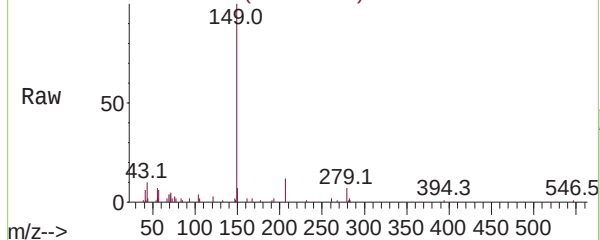


Di-n-octyl phthalate
Concen: 4.16 ng
RT: 22.932 min Scan# 3335
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

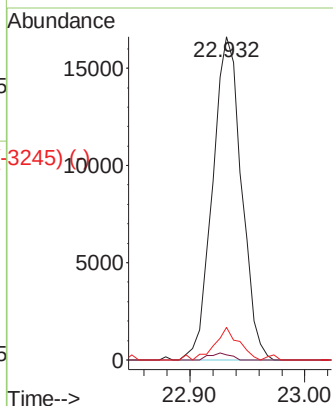
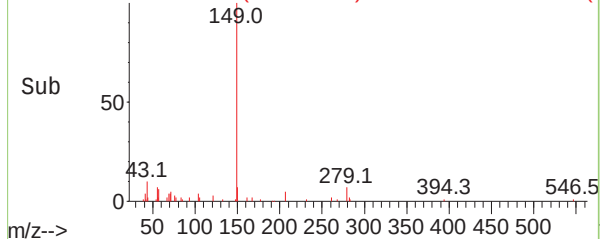
Tgt Ion:	149	Resp:	29078
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	8.4	7.4	11.0

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

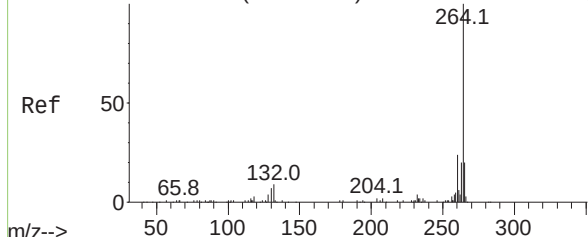
Abundance Scan 3335 (22.932 min): BG048539.D\data.ms



Abundance Scan 3335 (22.932 min): BG048539.D\data.ms (-3245) (-)



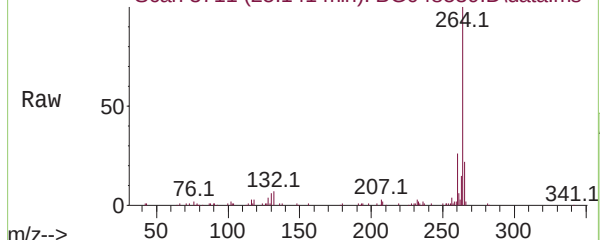
Abundance Scan 3711 (25.145 min): BG048516.D\data.ms (-3695) (-)



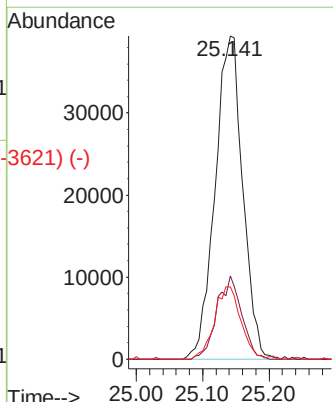
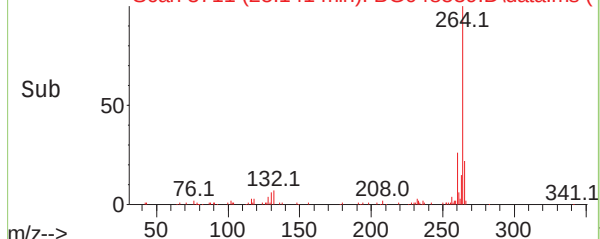
Perylene-d12
Concen: 20.00 ng
RT: 25.141 min Scan# 3711
Delta R.T. -0.002 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Tgt Ion:	264	Resp:	113241
Ion Ratio	Lower	Upper	
264	100		
260	25.8	19.1	28.7
265	22.3	16.1	24.1

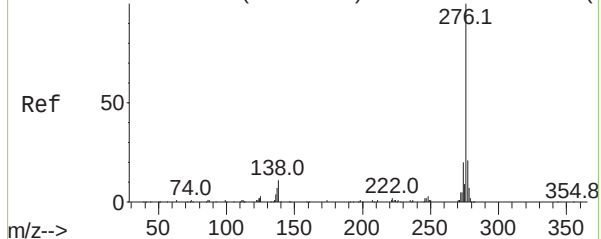
Abundance Scan 3711 (25.141 min): BG048539.D\data.ms



Abundance Scan 3711 (25.141 min): BG048539.D\data.ms (-3621) (-)



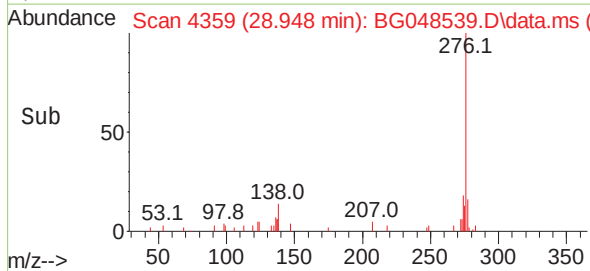
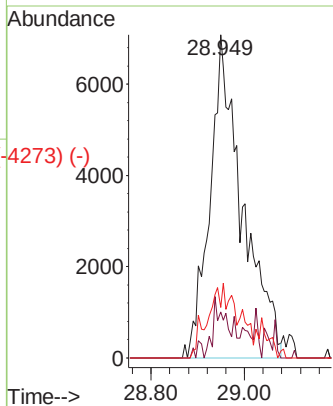
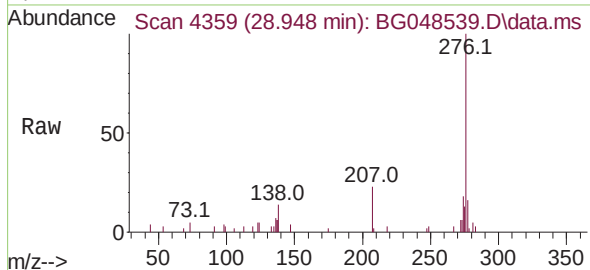
Abundance Scan 4363 (28.976 min): BG048516.D\data.ms (-4363) (-)



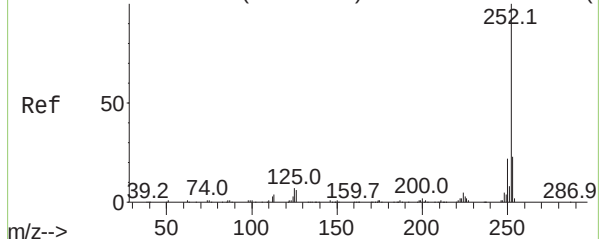
Indeno(1,2,3-cd)pyrene
Concen: 4.31 ng
RT: 28.948 min Scan# 4359
Delta R.T. -0.026 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.2	7.8	11.8#
277	3.4	0.0	0.0#

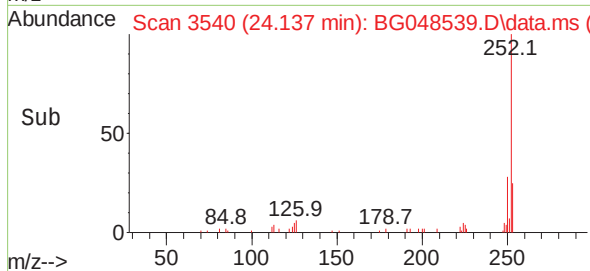
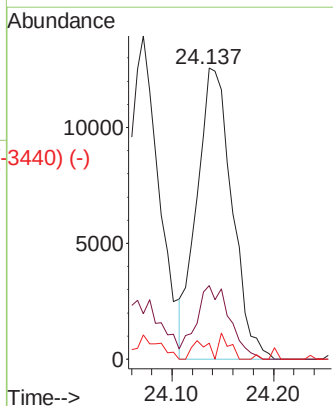
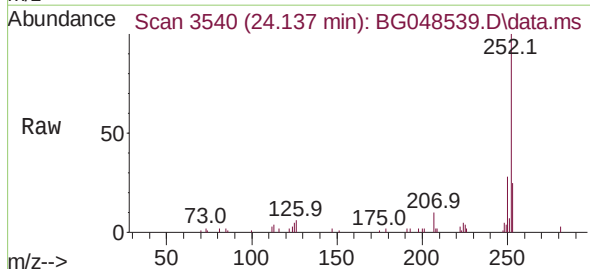


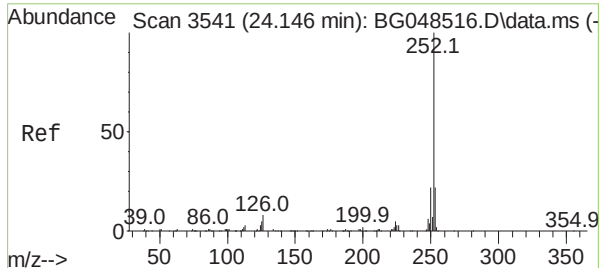
Abundance Scan 3529 (24.076 min): BG048516.D\data.ms (-3529) (-)



Benzo(b)fluoranthene
Concen: 4.10 ng
RT: 24.137 min Scan# 3540
Delta R.T. 0.057 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

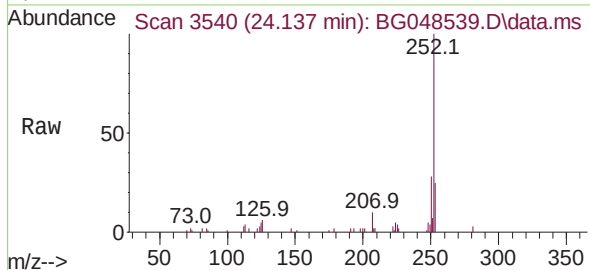
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.2	27.4
125	5.4	5.3	7.9



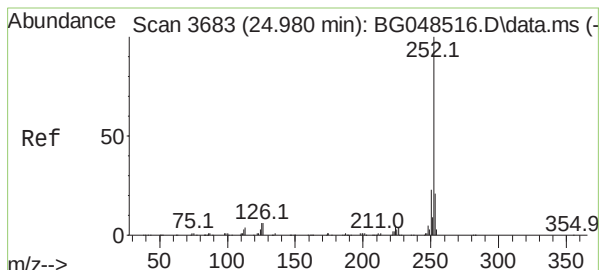
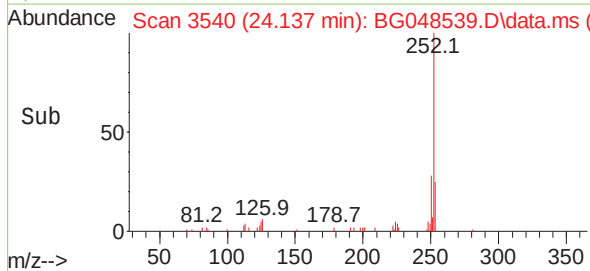
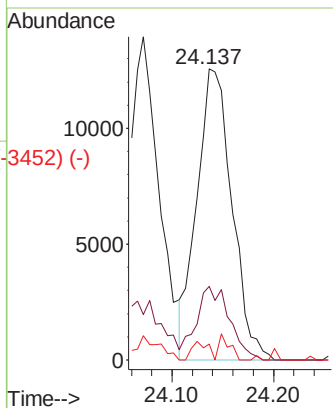


Scan 3541 (24.146 min): BG048516.D\data.ms (-3539) (-)
 Benzo(k)fluoranthene
 Concen: 4.26 ng
 RT: 24.137 min Scan# 3540
 Delta R.T. -0.014 min
 Lab File: BG048539.D
 Acq: 1 Apr 2021 11:20

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

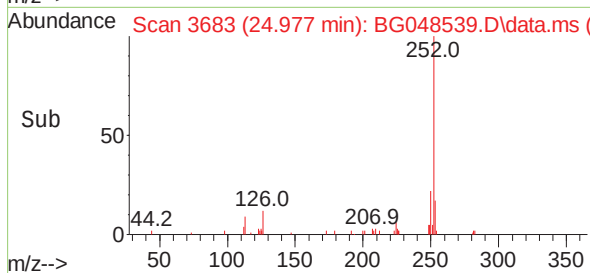
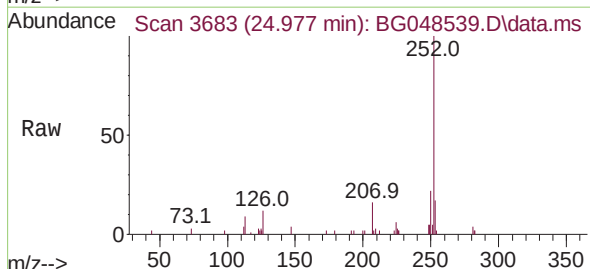
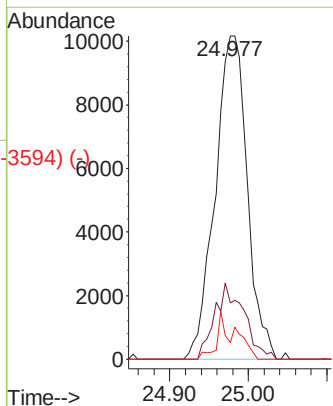


Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.9	26.9
125	5.4	3.9	5.9

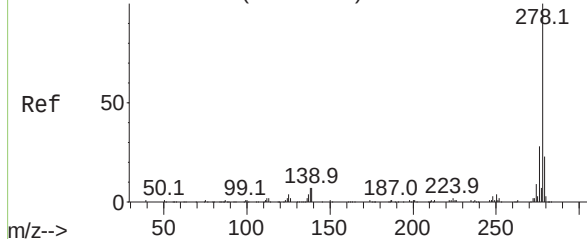


Scan 3683 (24.980 min): BG048516.D\data.ms (-3699) (-)
 Benzo(a)pyrene
 Concen: 4.26 ng
 RT: 24.977 min Scan# 3683
 Delta R.T. -0.008 min
 Lab File: BG048539.D
 Acq: 1 Apr 2021 11:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	17.4	17.1	25.7
125	5.0	4.4	6.6



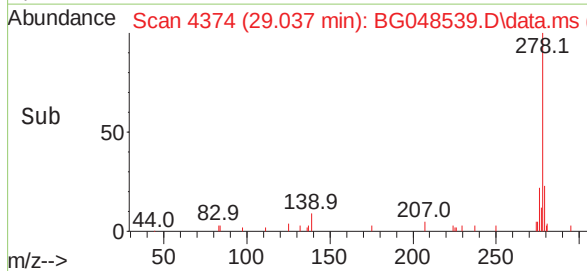
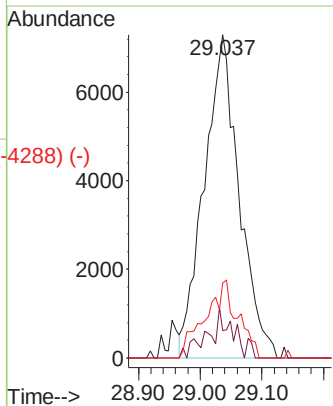
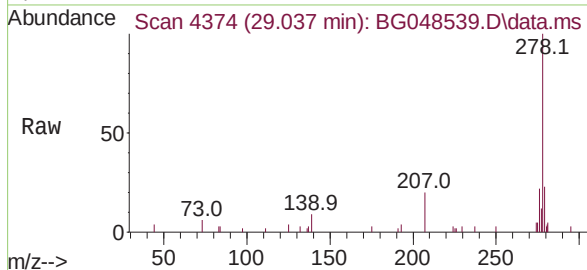
Abundance Scan 4374 (29.040 min): BG048516.D\data.ms (-4374) (-)



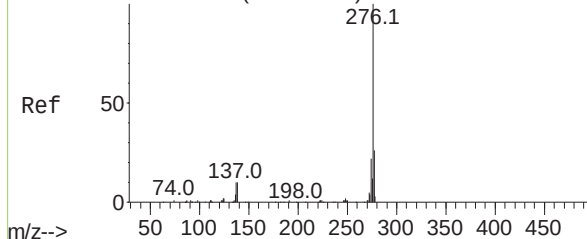
Dibenzo(a,h)anthracene
Concen: 4.24 ng
RT: 29.037 min Scan# 4374
Delta R.T. -0.026 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:	278	Resp:	28736
Ion Ratio	Lower	Upper	
278	100		
139	8.6	5.8	8.6
279	23.1	18.6	28.0



Abundance Scan 4567 (30.174 min): BG048516.D\data.ms (-4567) (-)



Benzo(g,h,i)perylene
Concen: 4.42 ng
RT: 30.153 min Scan# 4564
Delta R.T. -0.025 min
Lab File: BG048539.D
Acq: 1 Apr 2021 11:20

Tgt Ion:	276	Resp:	29341
Ion Ratio	Lower	Upper	
276	100		
277	25.0	20.4	30.6
138	9.5	8.1	12.1

