

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033121\
 Data File : BG048528.D
 Acq On : 31 Mar 2021 14:32
 Operator : CG/JU
 Sample : M1458-02
 Misc : LOQ-SOIL-5PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

Quant Time: Mar 31 15:07:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 31 11:41:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	18433	20.00	ng	0.00
21) Naphthalene-d8	10.929	136	70287	20.00	ng	# 0.00
39) Acenaphthene-d10	14.754	164	51205	20.00	ng	0.00
64) Phenanthrene-d10	17.504	188	121748	20.00	ng	# 0.00
76) Chrysene-d12	21.799	240	125293	20.00	ng	# 0.00
86) Perylene-d12	25.142	264	126092	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.636	112	99358	95.16	ng	0.00
7) Phenol-d6	7.245	99	138661	91.57	ng	0.00
23) Nitrobenzene-d5	9.273	82	119021	81.98	ng	0.00
42) 2,4,6-Tribromophenol	16.241	330	66005	98.06	ng	0.00
45) 2-Fluorobiphenyl	13.374	172	293477	85.19	ng	0.00
79) Terphenyl-d14	20.113	244	576921	84.21	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.503	88	2474	5.89	ng	# 84
3) Pyridine	3.943	79	5284	5.02	ng	# 71
4) n-Nitrosodimethylamine	3.832	42	3605	5.24	ng	# 91
6) Aniline	7.416	93	10811	6.22	ng	# 92
8) 2-Chlorophenol	7.663	128	6261	5.31	ng	91
9) Benzaldehyde	7.228	77	6065	6.27	ng	88
10) Phenol	7.275	94	7851	5.18	ng	96
11) bis(2-Chloroethyl)ether	7.510	93	6141	5.84	ng	82
12) 1,3-Dichlorobenzene	7.986	146	7458	5.61	ng	98
13) 1,4-Dichlorobenzene	7.986	146	7458	5.57	ng	98
14) 1,2-Dichlorobenzene	8.139	146	7920	6.17	ng	91
15) Benzyl Alcohol	8.332	79	6070	4.89	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.626	45	5515	5.44	ng	86
17) 2-Methylphenol	8.538	107	6006	6.12	ng	# 71
18) Hexachloroethane	9.196	117	2696	5.41	ng	# 62
19) n-Nitroso-di-n-propyla...	8.902	70	6049	5.80	ng	# 77
20) 3+4-Methylphenols	8.873	107	7362	5.41	ng	86
22) Acetophenone	8.926	105	11384	6.28	ng	# 94
24) Nitrobenzene	9.314	77	9055	6.36	ng	94
25) Isophorone	9.837	82	14669	5.47	ng	97
26) 2-Nitrophenol	10.025	139	3113	4.76	ng	97
27) 2,4-Dimethylphenol	10.083	122	6456	6.27	ng	# 83
28) bis(2-Chloroethoxy)met...	10.318	93	8210	6.68	ng	# 98
29) 2,4-Dichlorophenol	10.565	162	6309	5.41	ng	# 83
30) 1,2,4-Trichlorobenzene	10.782	180	7496	5.59	ng	# 72
31) Naphthalene	10.982	128	20758	5.74	ng	97
32) Benzoic acid	10.142	122	1678	2.12	ng	# 87
33) 4-Chloroaniline	11.076	127	9265	6.08	ng	# 87
34) Hexachlorobutadiene	11.264	225	5845	5.97	ng	88
35) Caprolactam	11.822	113	2075	4.88	ng	# 74
36) 4-Chloro-3-methylphenol	12.193	107	6690	5.11	ng	86
37) 2-Methylnaphthalene	12.580	142	16808	5.84	ng	90
38) 1-Methylnaphthalene	12.580	142	16808	6.13	ng	85
40) 1,2,4,5-Tetrachloroben...	12.951	216	9378	5.91	ng	97
41) Hexachlorocyclopentadiene	12.933	237	6007	6.53	ng	87

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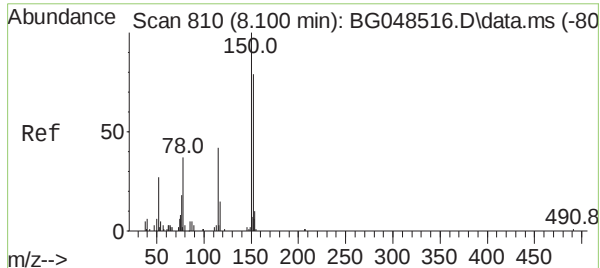
Quant Time: Mar 31 15:07:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 31 11:41:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.180	196	5786	5.30	ng	# 87
44) 2,4,5-Trichlorophenol	13.180	196	5786	4.96	ng	88
46) 1,1'-Biphenyl	13.585	154	22642	6.05	ng	100
47) 2-Chloronaphthalene	13.626	162	16160	5.67	ng	99
48) 2-Nitroaniline	13.820	65	4584	5.06	ng	84
49) Acenaphthylene	14.472	152	25623	5.73	ng	98
50) Dimethylphthalate	14.190	163	21134	5.56	ng	# 94
51) 2,6-Dinitrotoluene	14.314	165	4456	5.12	ng	# 86
52) Acenaphthene	14.819	154	16625	5.14	ng	99
53) 3-Nitroaniline	14.643	138	4886	5.73	ng	80
54) 2,4-Dinitrophenol	14.854	184	1589	3.25	ng	# 88
55) Dibenzofuran	15.148	168	27320	5.79	ng	# 93
56) 4-Nitrophenol	14.948	139	3058	4.44	ng	# 78
57) 2,4-Dinitrotoluene	15.101	165	6568	5.34	ng	# 90
58) Fluorene	15.800	166	22693	5.74	ng	# 94
59) 2,3,4,6-Tetrachlorophenol	15.371	232	5501	4.83	ng	94
60) Diethylphthalate	15.559	149	23589	6.04	ng	97
61) 4-Chlorophenyl-phenyle...	15.788	204	12201	5.74	ng	92
62) 4-Nitroaniline	15.806	138	5004	5.61	ng	# 78
63) Azobenzene	16.082	77	19763	5.14	ng	84
65) 4,6-Dinitro-2-methylph...	16.241	198	139	0.19	ng	78
66) n-Nitrosodiphenylamine	16.000	169	19432	5.61	ng	97
67) 4-Bromophenyl-phenylether	16.687	248	7531	5.58	ng	96
68) Hexachlorobenzene	16.805	284	8660	6.15	ng	92
69) Atrazine	16.946	200	7610	5.39	ng	83
70) Pentachlorophenol	17.146	266	3121	3.56	ng	94
71) Phenanthrene	17.545	178	36844	5.83	ng	97
72) Anthracene	17.639	178	36546	5.80	ng	98
73) Carbazole	17.904	167	32449	5.43	ng	99
74) Di-n-butylphthalate	18.456	149	38393	5.75	ng	# 92
75) Fluoranthene	19.555	202	45857	5.85	ng	97
77) Benzidine	19.731	184	21853	5.15	ng	# 88
78) Pyrene	19.919	202	48437	5.62	ng	98
80) Butylbenzylphthalate	20.800	149	16673	5.21	ng	92
81) Benzo(a)anthracene	21.775	228	46827	5.59	ng	99
82) 3,3'-Dichlorobenzidine	21.693	252	18835	6.55	ng	# 93
83) Chrysene	21.846	228	44908	5.62	ng	97
84) Bis(2-ethylhexyl)phtha...	21.676	149	23042	5.17	ng	99
85) Di-n-octyl phthalate	22.933	149	41223	5.31	ng	# 100
87) Indeno(1,2,3-cd)pyrene	28.949	276	51074	5.78	ng	# 81
88) Benzo(b)fluoranthene	24.073	252	42890	5.24	ng	95
89) Benzo(k)fluoranthene	24.073	252	42890	5.45	ng	96
90) Benzo(a)pyrene	24.978	252	41097	5.44	ng	93
91) Dibenzo(a,h)anthracene	29.032	278	43540	5.77	ng	94
92) Benzo(g,h,i)perylene	30.154	276	42190	5.71	ng	# 92

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

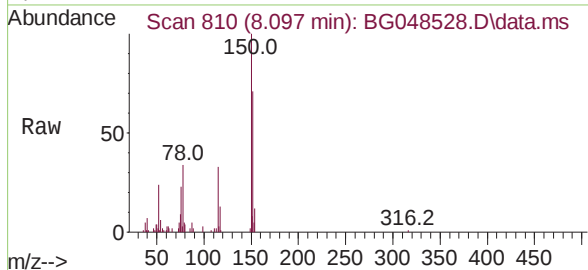
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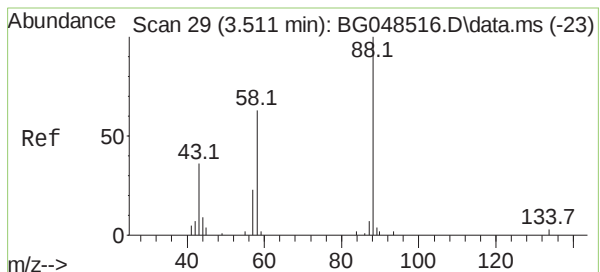
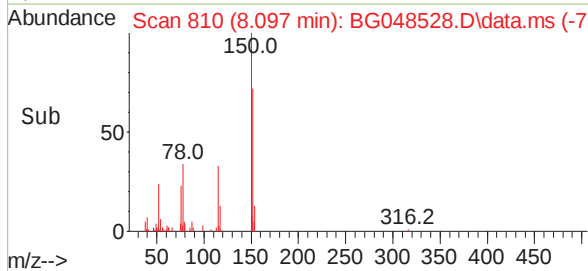
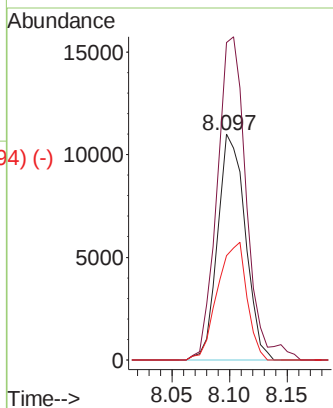


1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.097 min Scan# 810
Delta R.T. -0.007 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

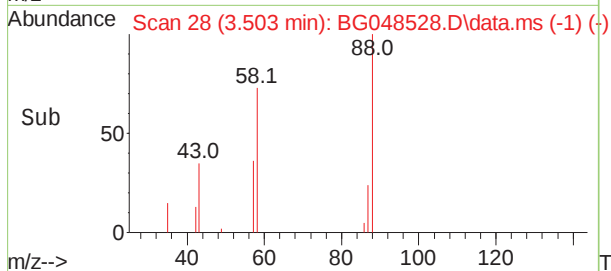
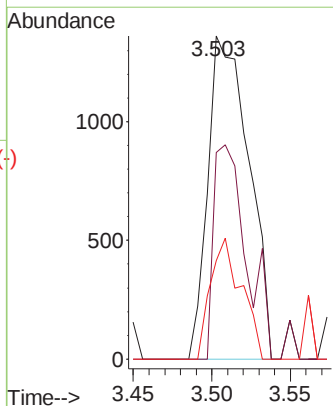
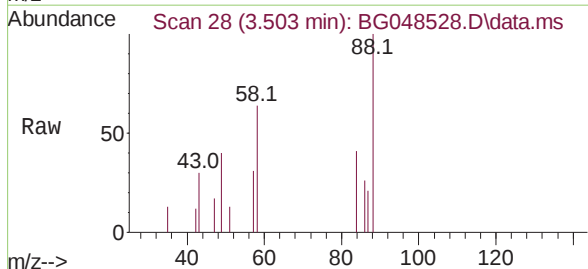


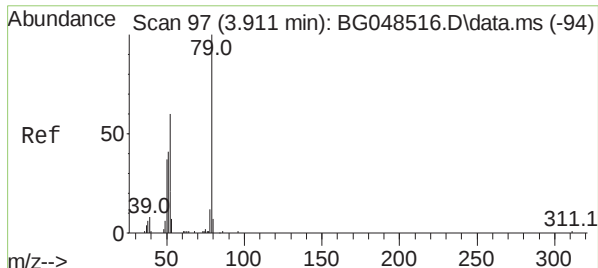
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Ion	Ratio	Lower	Upper
152	100		
150	140.7	101.3	151.9
115	46.1	42.3	63.5



1,4-Dioxane
Concen: 5.89 ng
RT: 3.503 min Scan# 28
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Tgt Ion:	88	Resp:	2474
Ion	Ratio	Lower	Upper
88	100		
58	52.9	55.0	82.6#
43	28.3	26.2	39.4

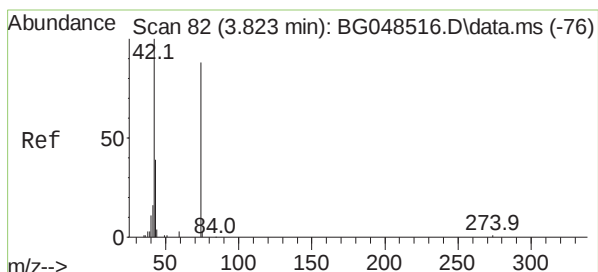
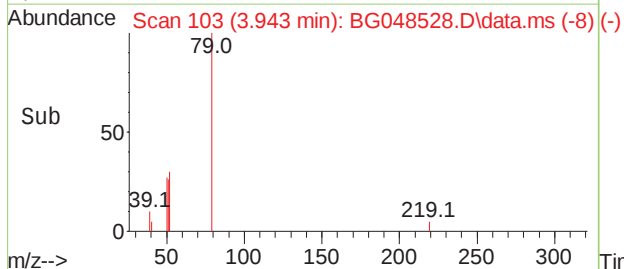
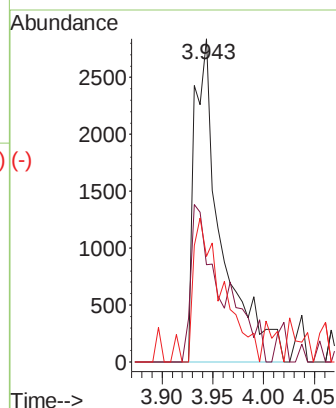
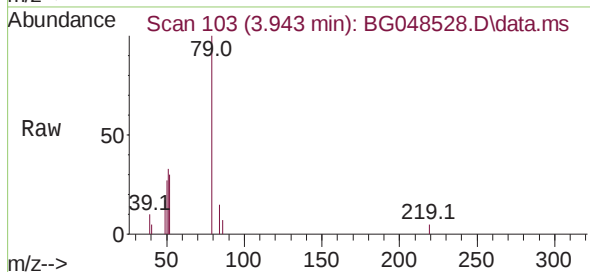




#3
Pyridine
Concen: 5.02 ng
RT: 3.943 min Scan# 103
Delta R.T. 0.029 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

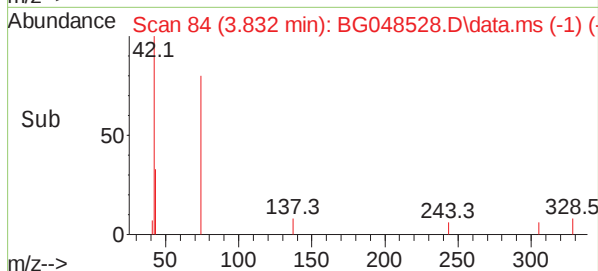
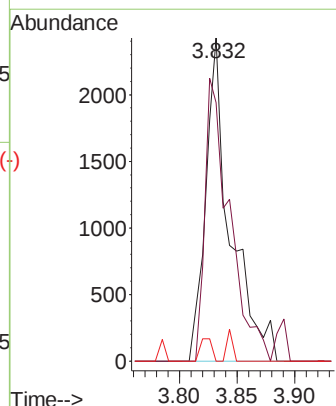
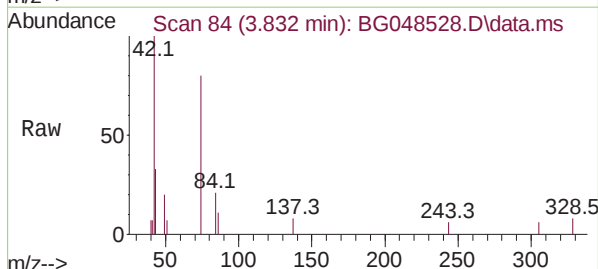
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

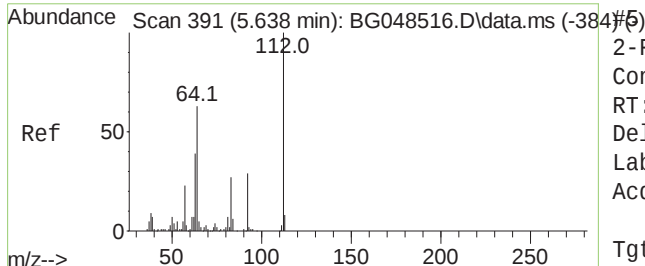
Tgt Ion:	79	Resp:	5284
Ion	Ratio	Lower	Upper
79	100		
52	30.1	48.2	72.2#
51	32.6	33.2	49.8#



#4
n-Nitrosodimethylamine
Concen: 5.24 ng
RT: 3.832 min Scan# 84
Delta R.T. 0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Tgt Ion:	42	Resp:	3605
Ion	Ratio	Lower	Upper
42	100		
74	80.1	70.6	105.8
44	0.0	3.5	5.3#

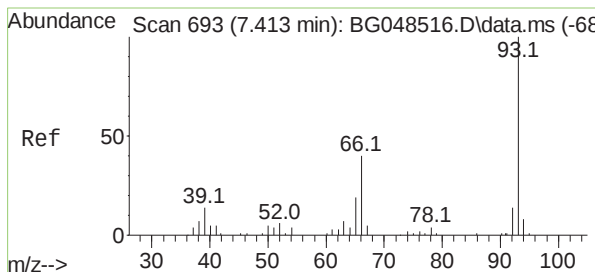
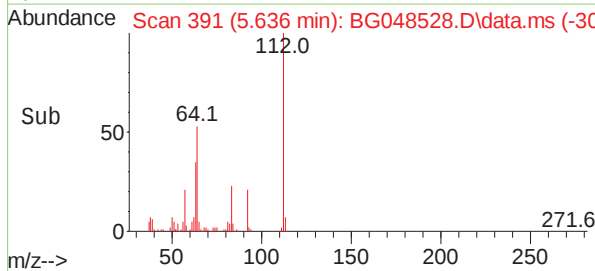
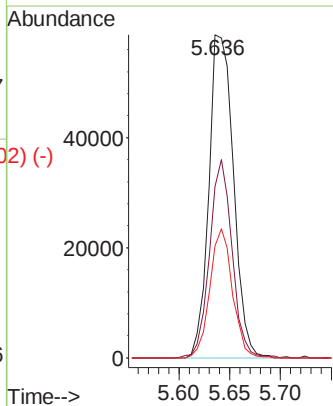
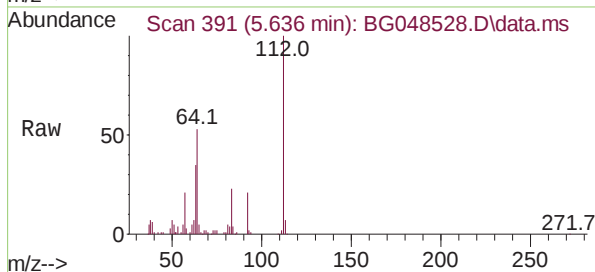




2-Fluorophenol
 Concen: 95.16 ng
 RT: 5.636 min Scan# 391
 Delta R.T. -0.006 min
 Lab File: BG048528.D
 Acq: 31 Mar 2021 14:32

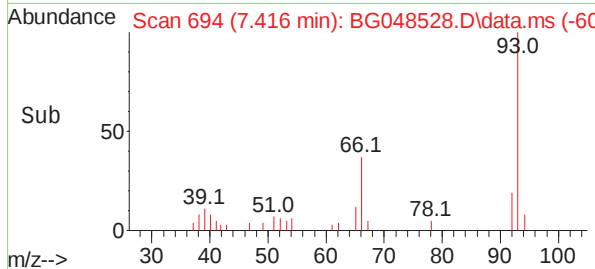
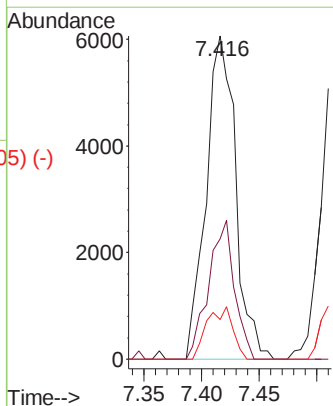
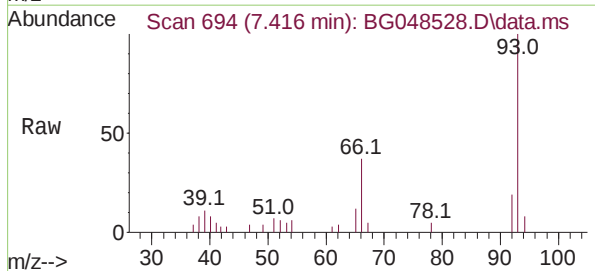
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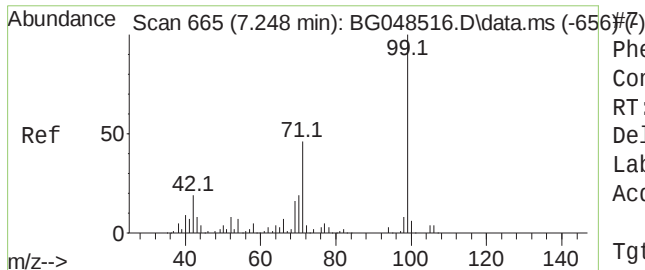
Tgt Ion:	112	Resp:	99358
Ion	Ratio	Lower	Upper
112	100		
64	53.0	50.4	75.6
63	34.6	31.4	47.2



Aniline
 Concen: 6.22 ng
 RT: 7.416 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: BG048528.D
 Acq: 31 Mar 2021 14:32

Tgt Ion:	93	Resp:	10811
Ion	Ratio	Lower	Upper
93	100		
66	37.3	31.8	47.6
65	12.2	15.2	22.8#

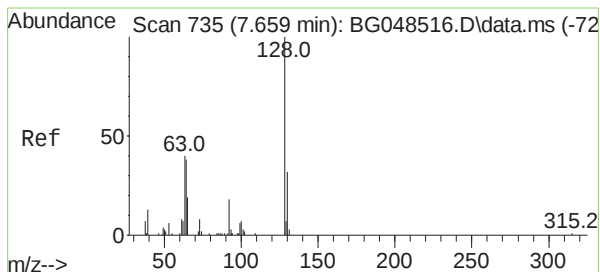
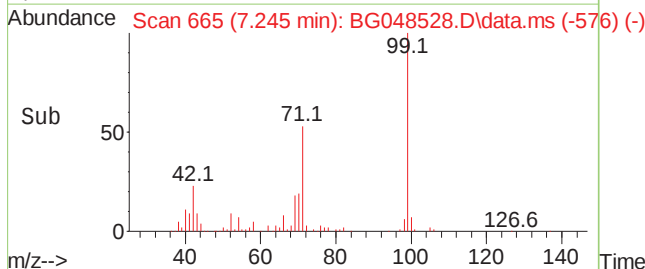
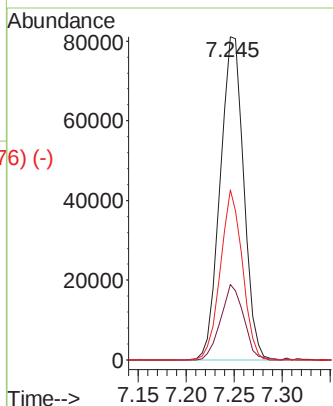
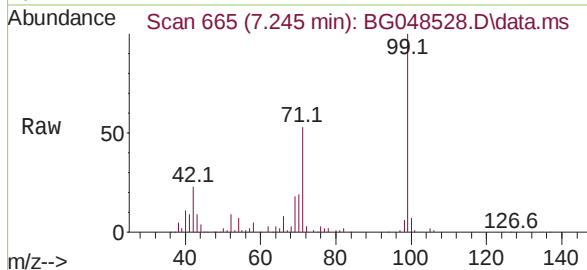




Phenol-d6
 Concen: 91.57 ng
 RT: 7.245 min Scan# 665
 Delta R.T. -0.006 min
 Lab File: BG048528.D
 Acq: 31 Mar 2021 14:32

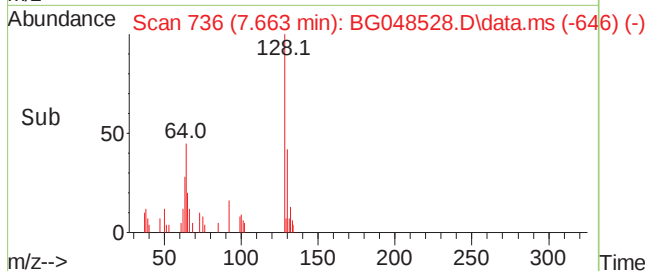
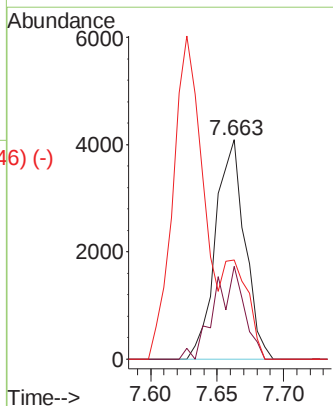
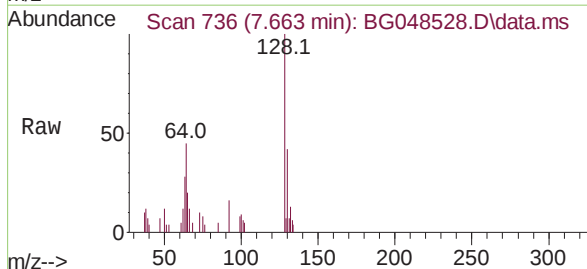
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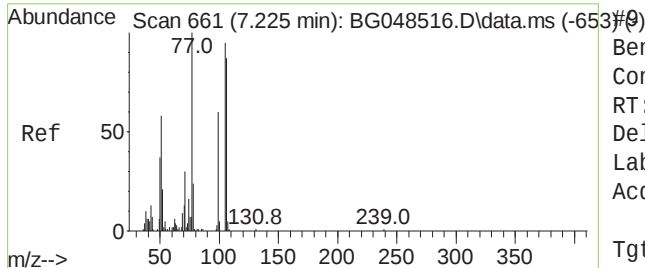
Tgt Ion:	99	Resp:	138661
Ion	Ratio	Lower	Upper
99	100		
42	23.4	15.5	23.3#
71	52.6	36.6	54.8



2-Chlorophenol
 Concen: 5.31 ng
 RT: 7.663 min Scan# 736
 Delta R.T. -0.000 min
 Lab File: BG048528.D
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Tgt Ion:	128	Resp:	6261
Ion	Ratio	Lower	Upper
128	100		
130	42.4	12.4	52.4
64	45.2	27.6	67.6

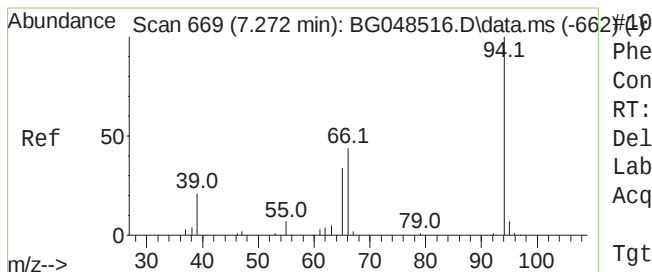
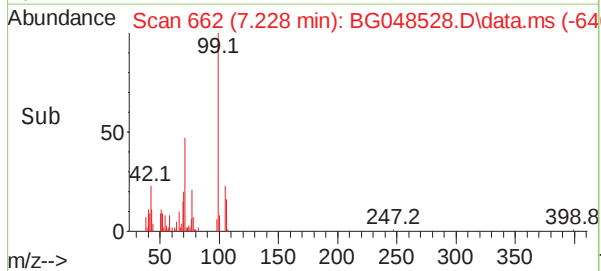
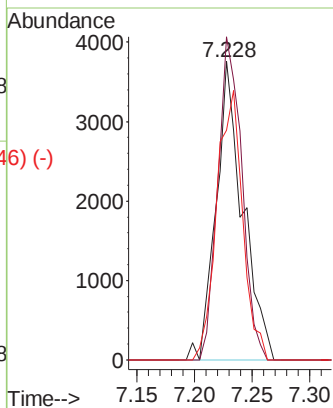
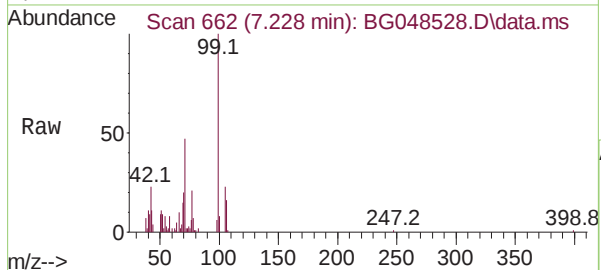




Benzaldehyde
Concen: 6.27 ng
RT: 7.228 min Scan# 662
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

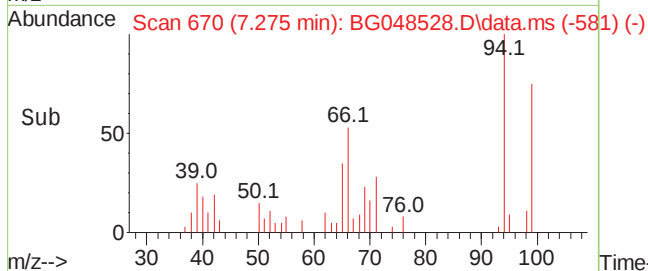
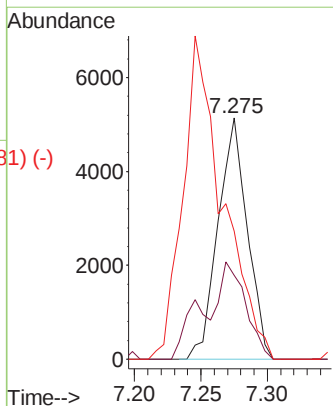
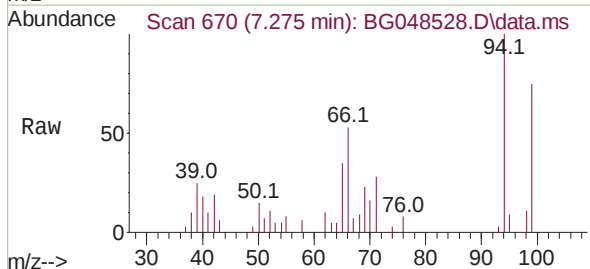
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Tgt Ion: 77 Resp: 6065
Ion Ratio Lower Upper
77 100
105 108.1 75.2 115.2
106 76.8 66.5 106.5

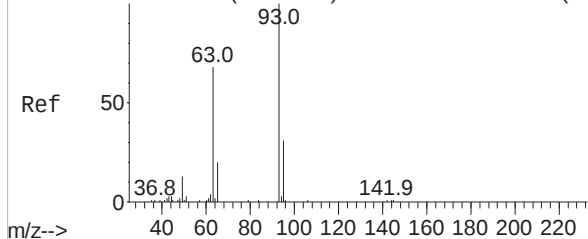


Phenol
Concen: 5.18 ng
RT: 7.275 min Scan# 670
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Tgt Ion: 94 Resp: 7851
Ion Ratio Lower Upper
94 100
65 34.7 15.1 55.1
66 53.0 28.9 68.9



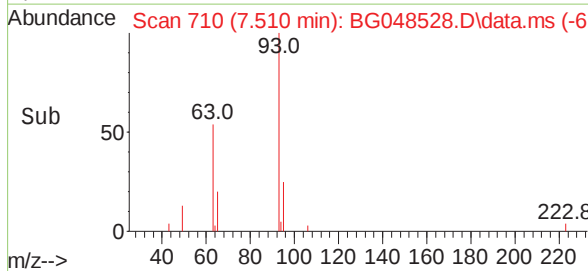
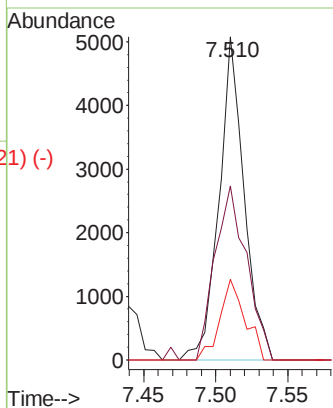
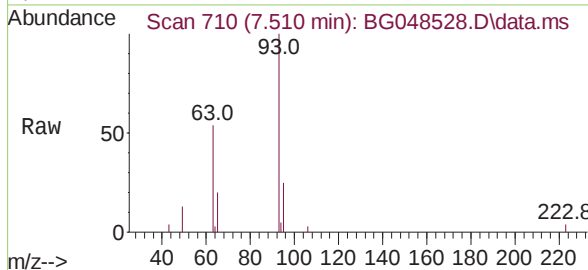
Abundance Scan 709 (7.507 min): BG048516.D\data.ms (-703) #11



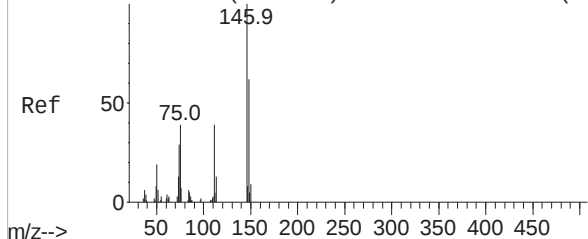
bis(2-Chloroethyl)ether
Concen: 5.84 ng
RT: 7.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Tgt Ion:	93	Resp:	6141
Ion	Ratio	Lower	Upper
93	100		
63	51.5	47.5	87.5
95	23.9	11.1	51.1

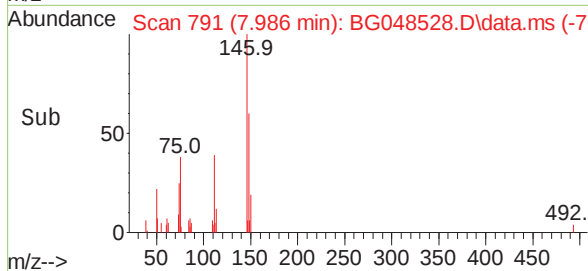
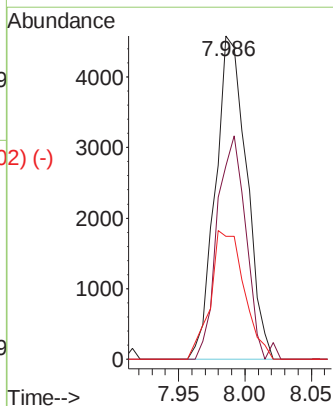
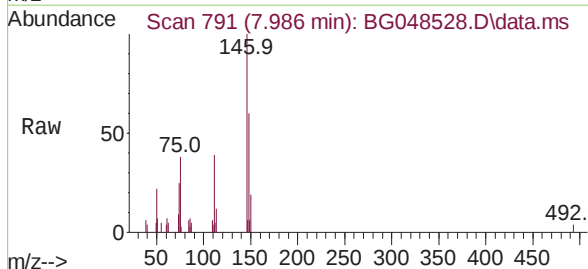


Abundance Scan 790 (7.983 min): BG048516.D\data.ms (-783) #12

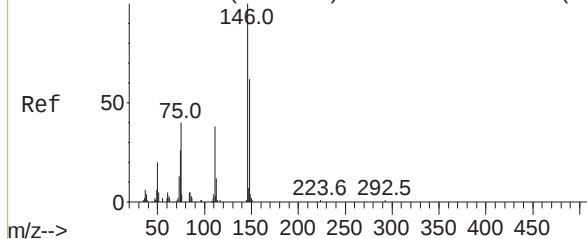


1,3-Dichlorobenzene
Concen: 5.61 ng
RT: 7.986 min Scan# 791
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Tgt Ion:	146	Resp:	7458
Ion	Ratio	Lower	Upper
146	100		
148	59.8	49.7	74.5
75	38.1	30.9	46.3



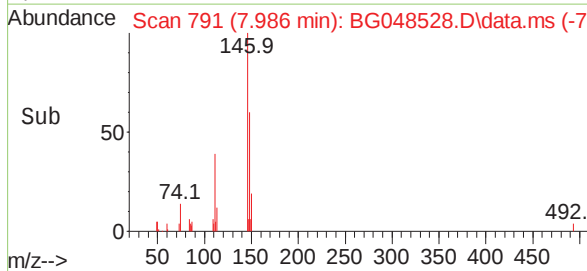
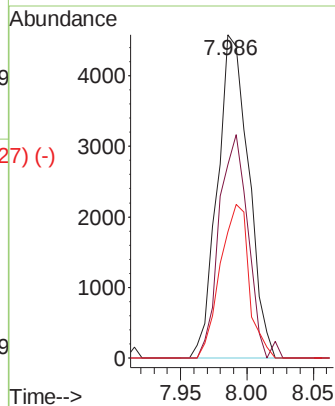
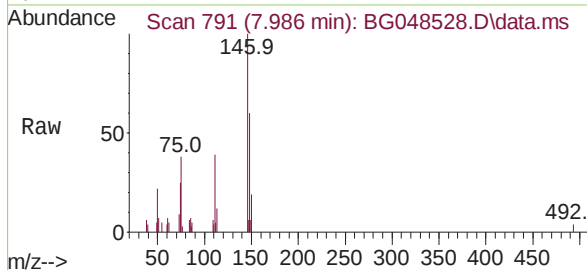
Abundance Scan 815 (8.130 min): BG048516.D\data.ms (-806) #13



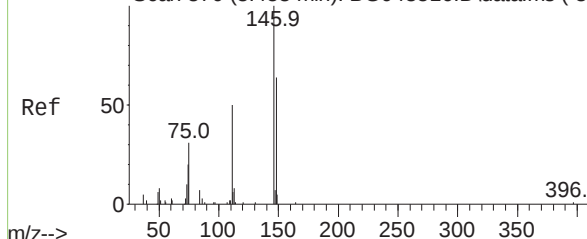
1,4-Dichlorobenzene
Concen: 5.57 ng
RT: 7.986 min Scan# 791
Delta R.T. -0.153 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Tgt Ion:	146	Resp:	7458
Ion	Ratio	Lower	Upper
146	100		
148	59.8	49.7	74.5
111	39.0	30.5	45.7

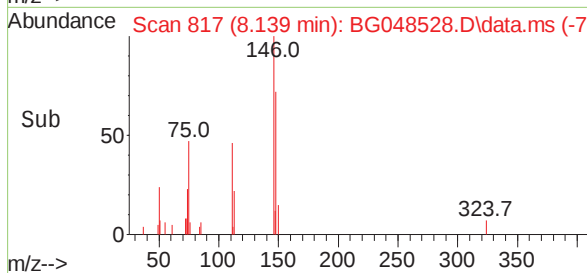
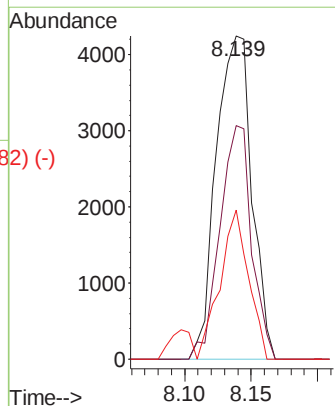
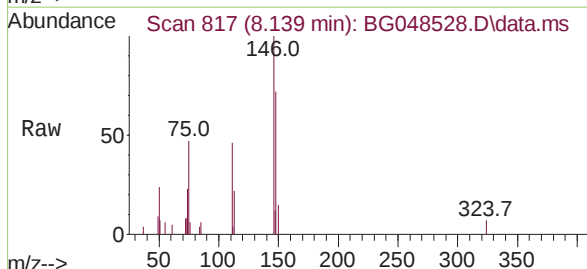


Abundance Scan 870 (8.453 min): BG048516.D\data.ms (-864) #14



1,2-Dichlorobenzene
Concen: 6.17 ng
RT: 8.139 min Scan# 817
Delta R.T. -0.323 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

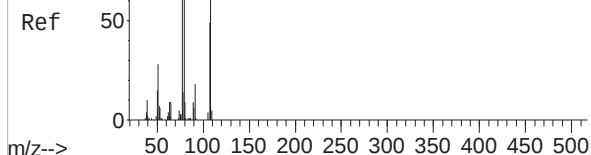
Tgt Ion:	146	Resp:	7920
Ion	Ratio	Lower	Upper
146	100		
148	72.3	51.5	77.3
111	46.2	41.8	62.8



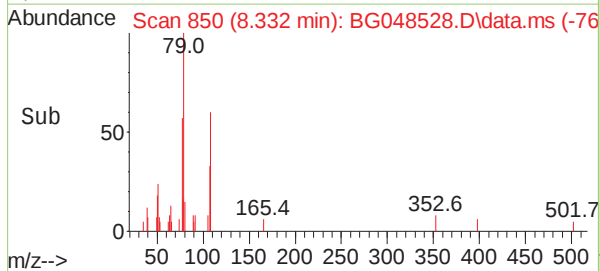
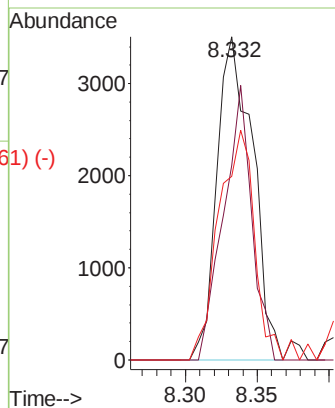
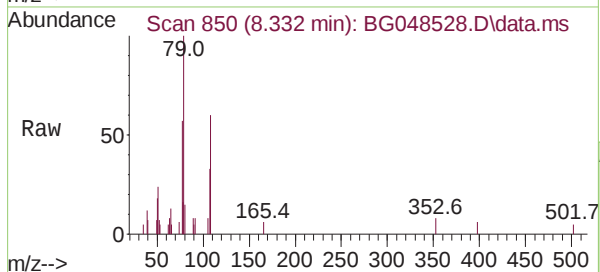
Abundance Scan 850 (8.335 min): BG048516.D\data.ms (-842) #45

Benzyl Alcohol
Concen: 4.89 ng
RT: 8.332 min Scan# 850
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

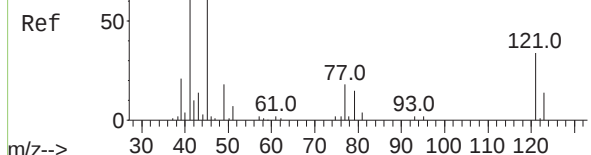


Tgt Ion:	79	Resp:	6070
Ion	Ratio	Lower	Upper
79	100		
108	60.1	54.1	81.1
77	56.9	52.6	79.0

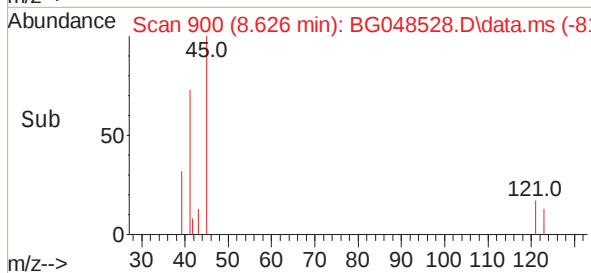
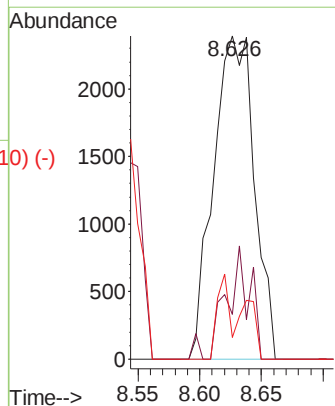
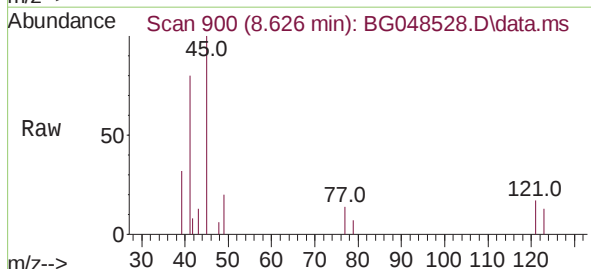


Abundance Scan 899 (8.623 min): BG048516.D\data.ms (-891) #46

2,2'-oxybis(1-Chloropropane)
Concen: 5.44 ng
RT: 8.626 min Scan# 900
Delta R.T. -0.000 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32



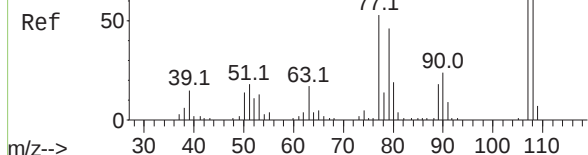
Tgt Ion:	45	Resp:	5515
Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	38.4
79	6.8	0.0	34.5



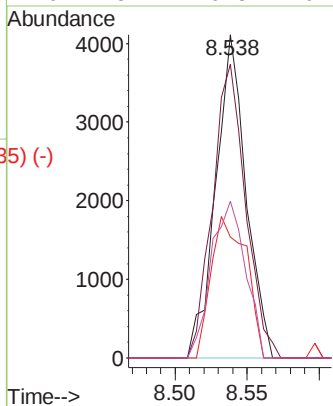
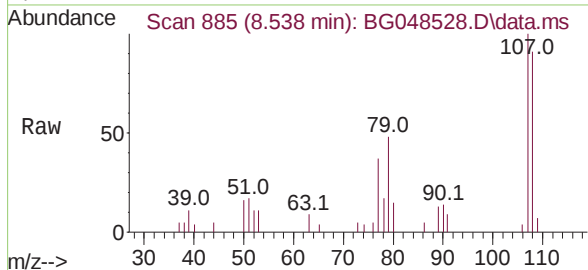
Abundance Scan 884 (8.535 min): BG048516.D\data.ms (-876) #17

2-Methylphenol
Concen: 6.12 ng
RT: 8.538 min Scan# 885
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

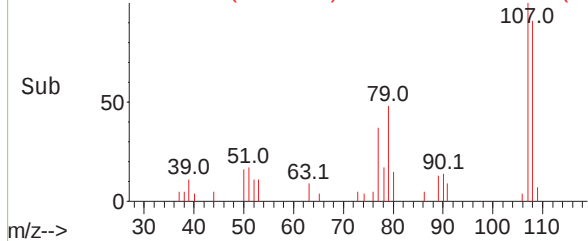
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021



Tgt Ion:	107	Resp:	6006
Ion	Ratio	Lower	Upper
107	100		
108	90.9	101.7	152.5#
77	37.4	54.4	81.6#
79	48.4	46.8	70.2



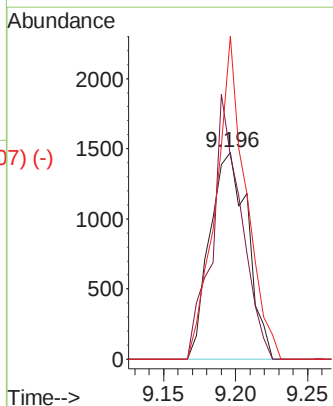
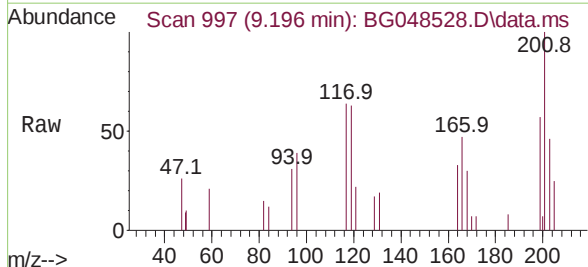
Abundance Scan 885 (8.538 min): BG048528.D\data.ms (-835) (-)



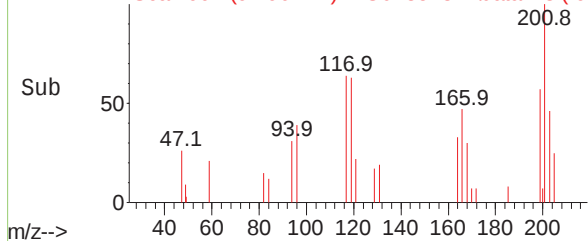
Abundance Scan 996 (9.193 min): BG048516.D\data.ms (-989) #18

Hexachloroethane
Concen: 5.41 ng
RT: 9.196 min Scan# 997
Delta R.T. -0.000 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Tgt Ion:	117	Resp:	2696
Ion	Ratio	Lower	Upper
117	100		
119	98.5	67.0	100.6
201	156.2	79.8	119.6#



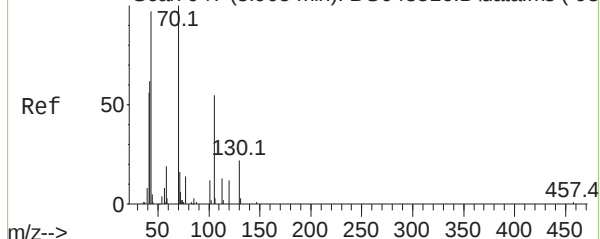
Abundance Scan 997 (9.196 min): BG048528.D\data.ms (-907) (-)



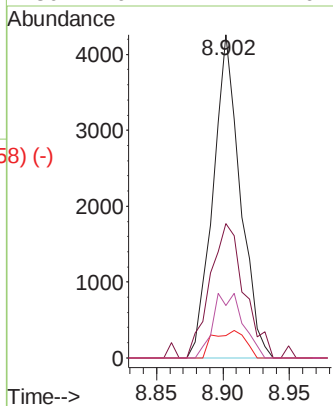
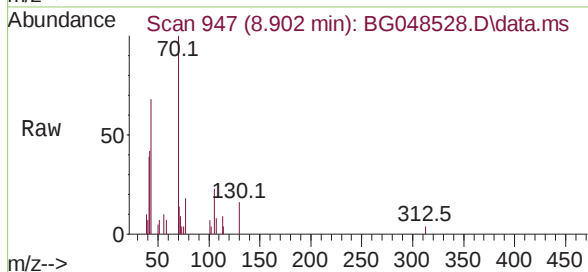
Abundance Scan 947 (8.905 min): BG048516.D\data.ms (-939) #19

n-Nitroso-di-n-propylamine
Concen: 5.80 ng
RT: 8.902 min Scan# 947
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

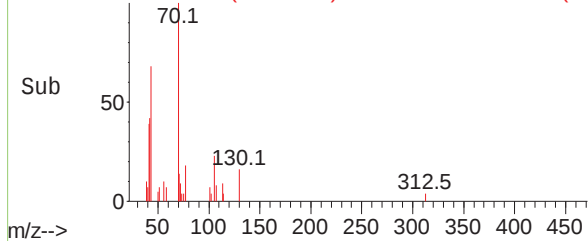
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021



Tgt Ion	Ratio	Lower	Upper
70	100		
42	41.5	50.8	76.2#
101	6.9	9.7	14.5#
130	16.2	17.4	26.0#



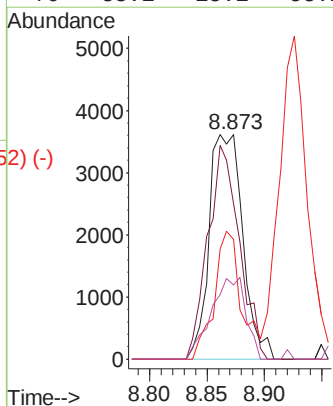
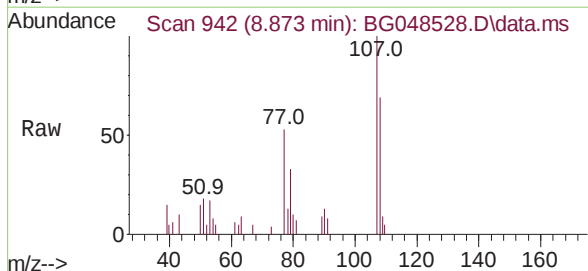
Abundance Scan 947 (8.902 min): BG048528.D\data.ms (-858) (-)



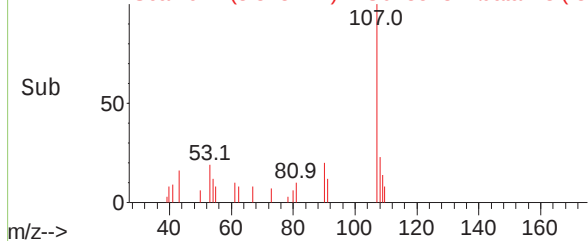
Abundance Scan 940 (8.864 min): BG048516.D\data.ms (-932) #20

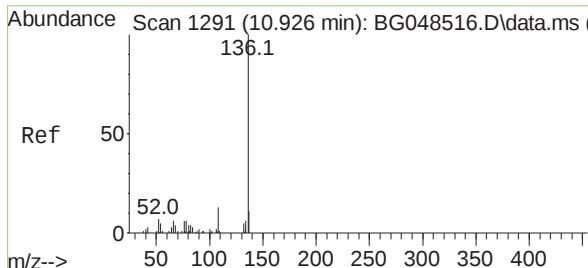
3+4-Methylphenols
Concen: 5.41 ng
RT: 8.873 min Scan# 942
Delta R.T. -0.000 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	69.1	62.3	102.3
77	53.2	21.3	61.3
79	33.1	18.1	58.1



Abundance Scan 942 (8.873 min): BG048528.D\data.ms (-852) (-)

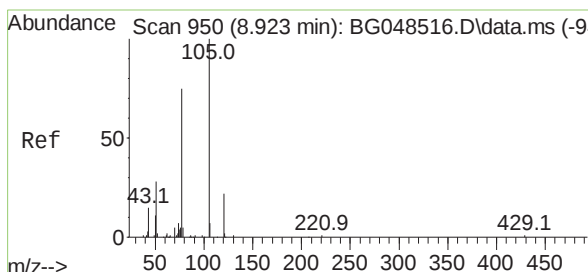
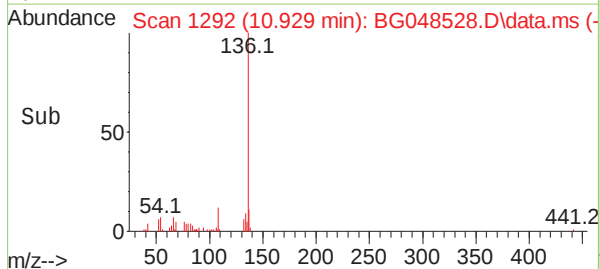
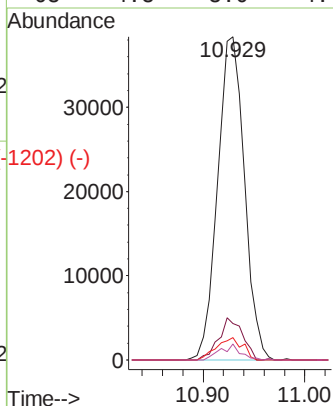
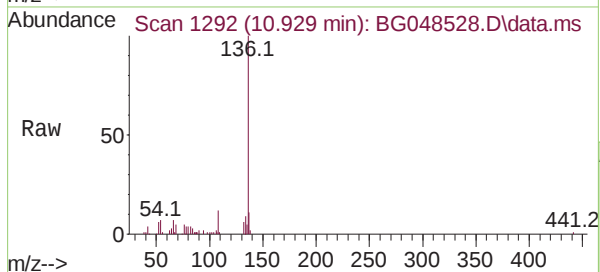




Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.929 min Scan# 1292
 Delta R.T. -0.000 min
 Lab File: BG048528.D
 Acq: 31 Mar 2021 14:32

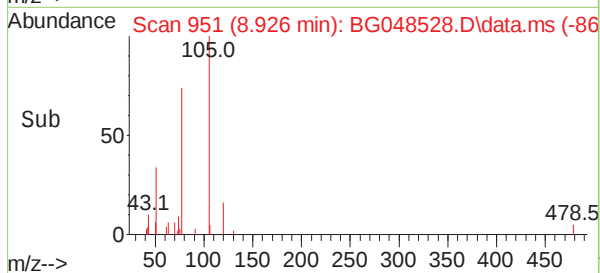
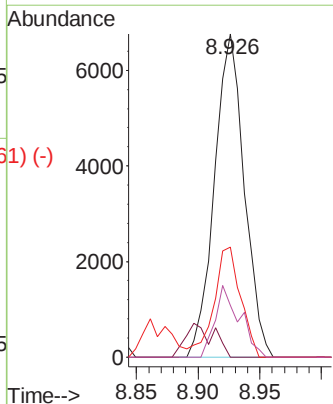
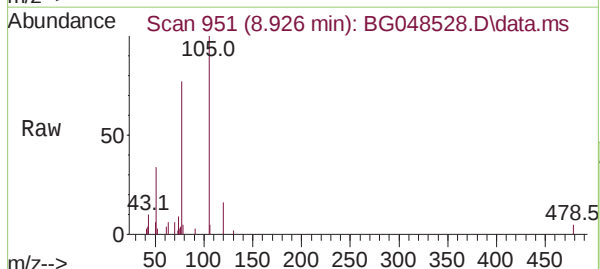
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

Tgt Ion:	136	Resp:	70287
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	7.0	4.2	6.4#
68	4.8	3.0	4.4#

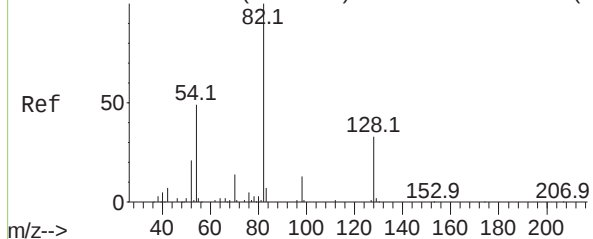


Acetophenone
 Concen: 6.28 ng
 RT: 8.926 min Scan# 951
 Delta R.T. -0.000 min
 Lab File: BG048528.D
 Acq: 31 Mar 2021 14:32

Tgt Ion:	105	Resp:	11384
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.1	1.7#
51	34.0	26.1	39.1
120	16.1	17.5	26.3#



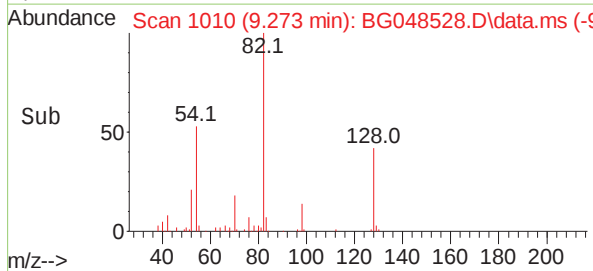
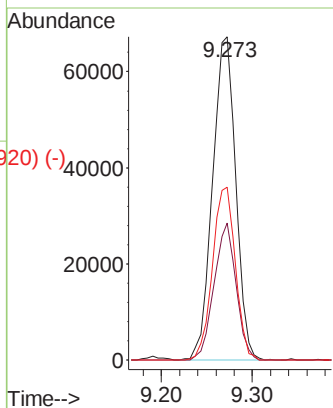
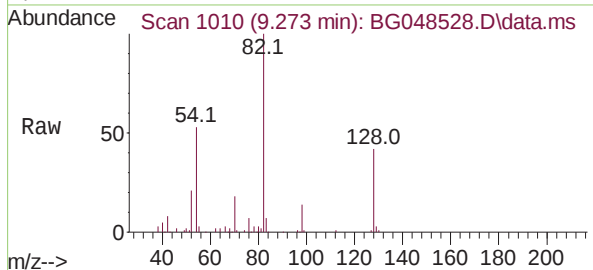
Abundance Scan 1008 (9.263 min): BG048516.D\data.ms (-10623-)



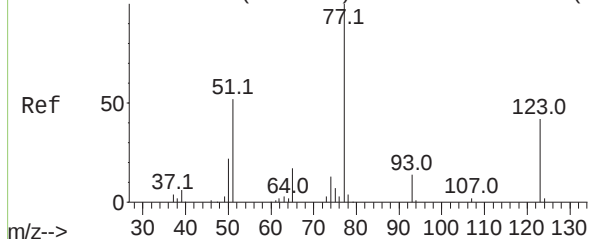
Nitrobenzene-d5
Concen: 81.98 ng
RT: 9.273 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Tgt Ion:	82	Resp:	119021
Ion	Ratio	Lower	Upper
82	100		
128	42.4	26.2	39.4#
54	53.4	38.9	58.3

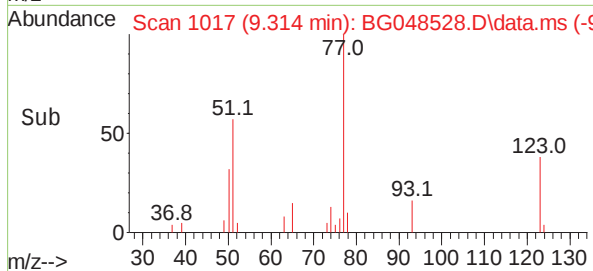
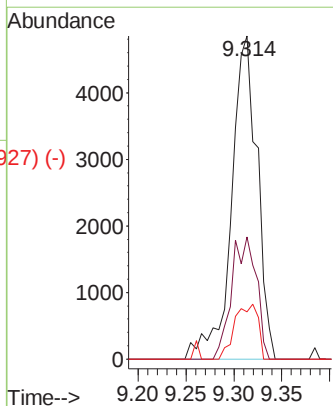
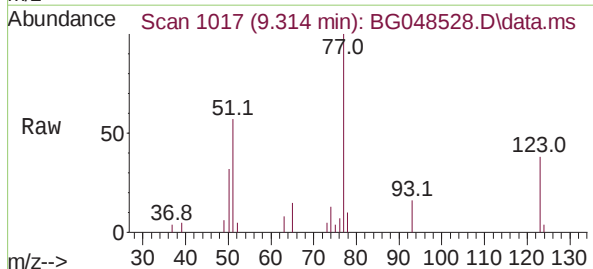


Abundance Scan 1016 (9.310 min): BG048516.D\data.ms (-10624-)

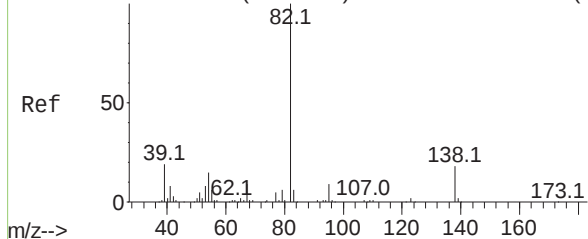


Nitrobenzene
Concen: 6.36 ng
RT: 9.314 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Tgt Ion:	77	Resp:	9055
Ion	Ratio	Lower	Upper
77	100		
123	37.9	33.4	50.2
65	14.7	13.3	19.9



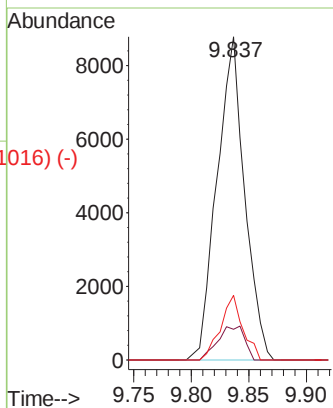
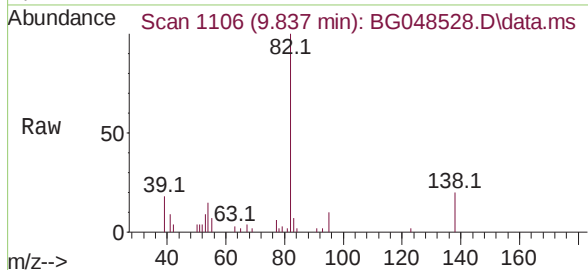
Abundance Scan 1105 (9.833 min): BG048516.D\data.ms (-1075) (-)



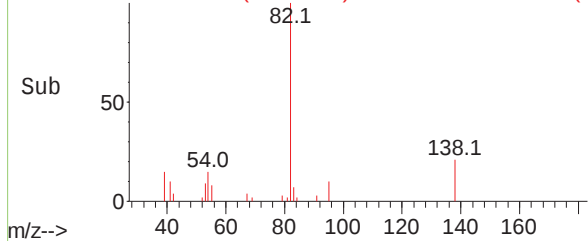
Isophorone
Concen: 5.47 ng
RT: 9.837 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

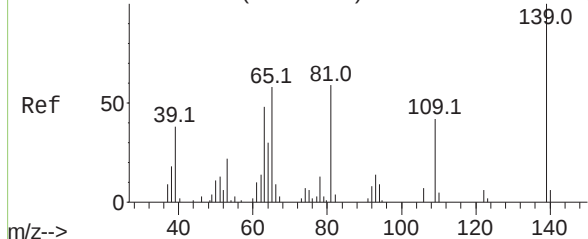
Tgt Ion:	82	Resp:	14669
Ion	Ratio	Lower	Upper
82	100		
95	9.5	7.1	10.7
138	19.9	14.8	22.2



Abundance Scan 1106 (9.837 min): BG048528.D\data.ms (-1016) (-)

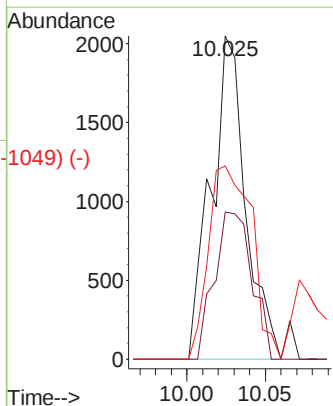
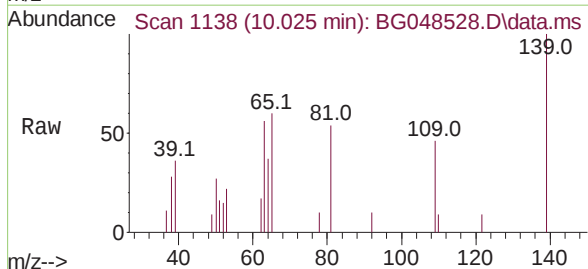


Abundance Scan 1138 (10.027 min): BG048516.D\data.ms (-1126) (-)

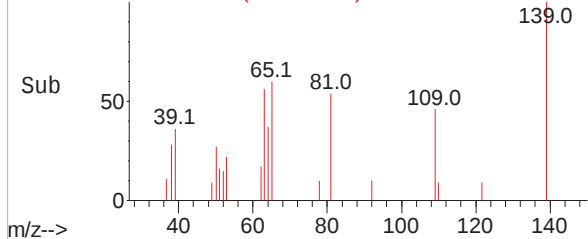


2-Nitrophenol
Concen: 4.76 ng
RT: 10.025 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Tgt Ion:	139	Resp:	3113
Ion	Ratio	Lower	Upper
139	100		
109	45.6	33.7	50.5
65	59.8	46.8	70.2



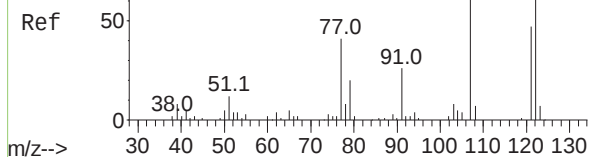
Abundance Scan 1138 (10.025 min): BG048528.D\data.ms (-1049) (-)



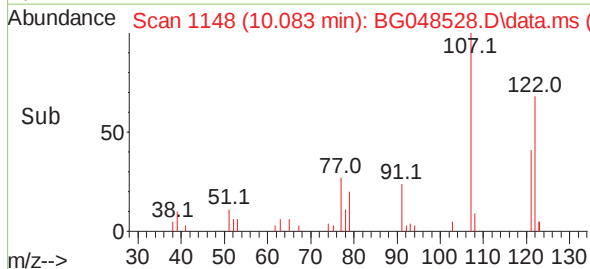
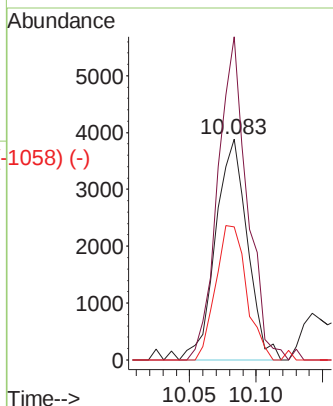
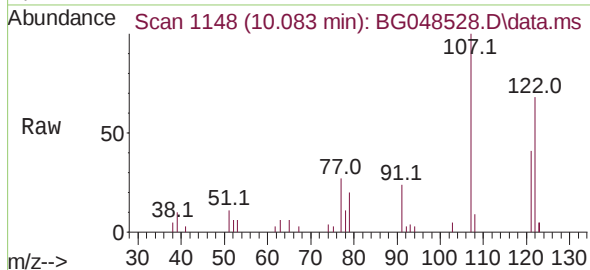
Abundance Scan 1147 (10.080 min): BG048516.D\data.ms (-121) (-)

2,4-Dimethylphenol
Concen: 6.27 ng
RT: 10.083 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Instrument :
BNA_G
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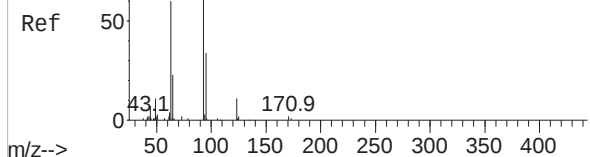


Tgt Ion:	122	Resp:	6456
Ion	Ratio	Lower	Upper
122	100		
107	146.3	96.6	145.0#
121	60.4	45.3	67.9

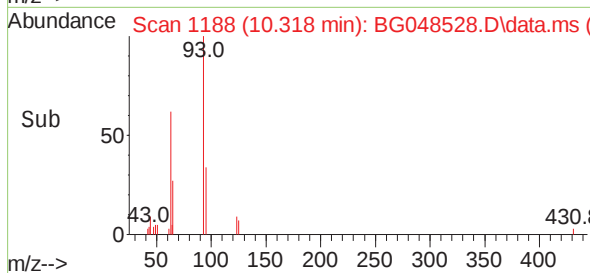
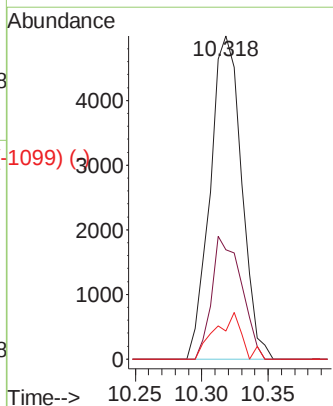
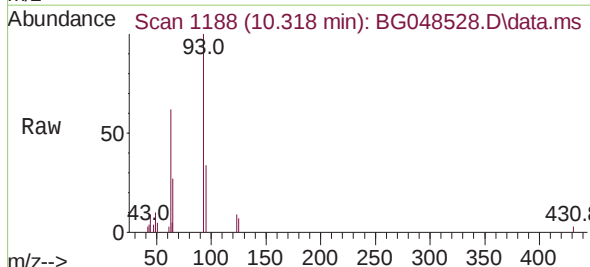


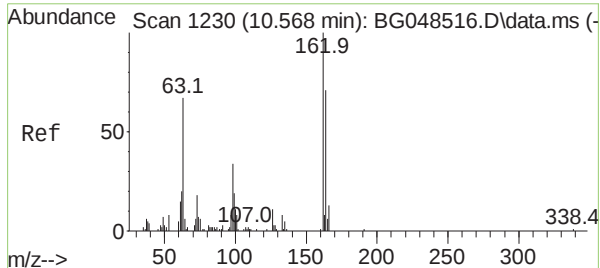
Abundance Scan 1187 (10.315 min): BG048516.D\data.ms (-123) (-)

bis(2-Chloroethoxy)methane
Concen: 6.68 ng
RT: 10.318 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32



Tgt Ion:	93	Resp:	8210
Ion	Ratio	Lower	Upper
93	100		
95	33.8	27.0	40.6
123	8.7	9.0	13.6#

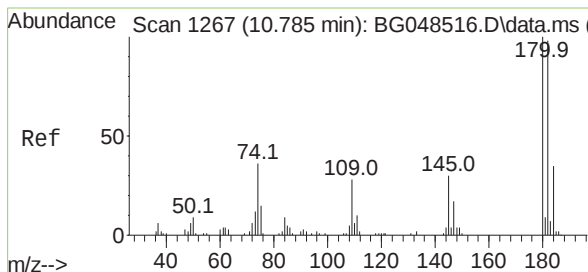
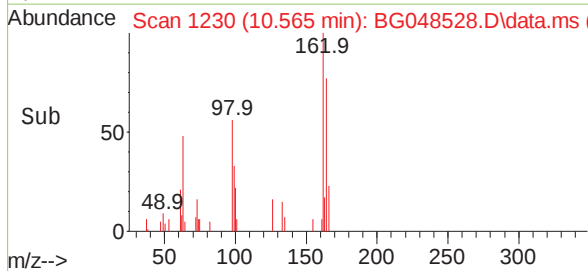
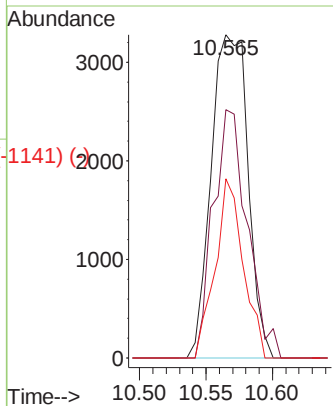
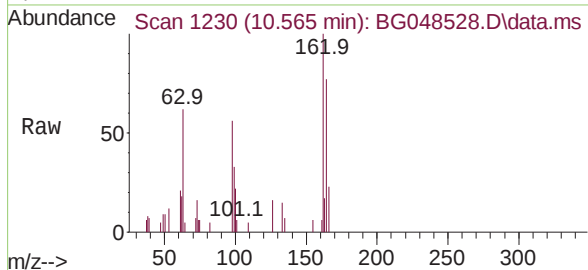




2,4-Dichlorophenol
Concen: 5.41 ng
RT: 10.565 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

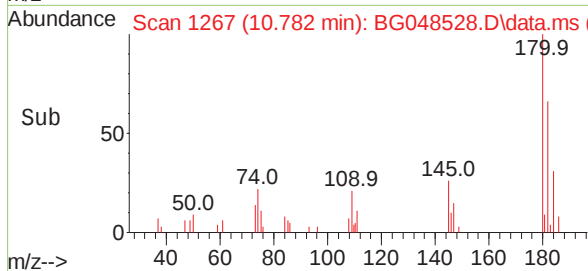
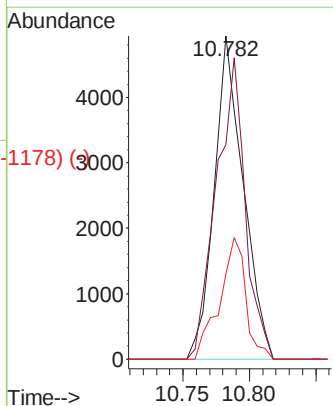
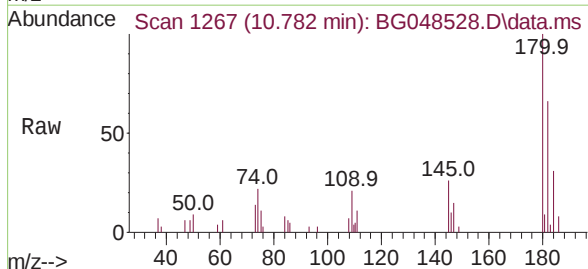
Instrument :
BNA_G
ClientSampleId :
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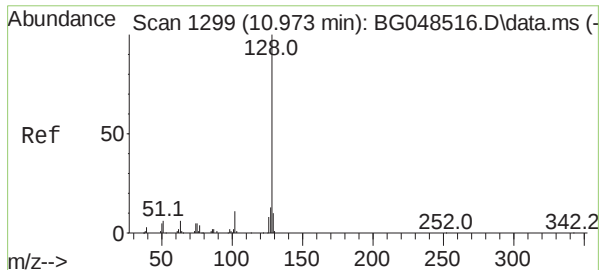
Tgt Ion:	162	Resp:	6309
Ion	Ratio	Lower	Upper
162	100		
164	76.9	51.2	91.2
98	55.5	13.6	53.6#



1,2,4-Trichlorobenzene
Concen: 5.59 ng
RT: 10.782 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Tgt Ion:	180	Resp:	7496
Ion	Ratio	Lower	Upper
180	100		
182	65.2	78.8	118.2#
145	24.2	24.0	36.0

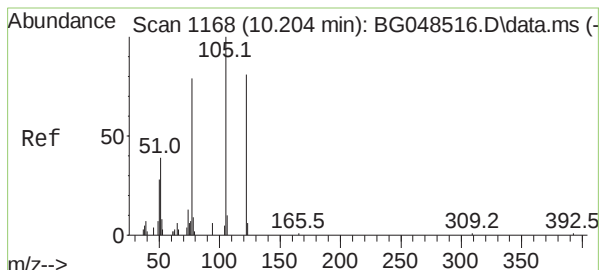
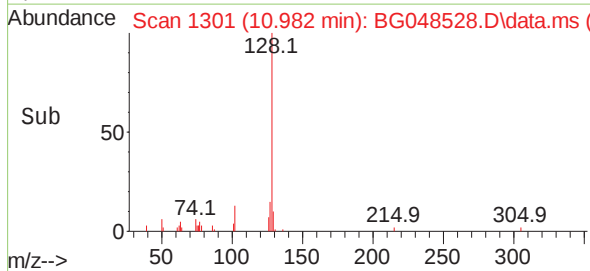
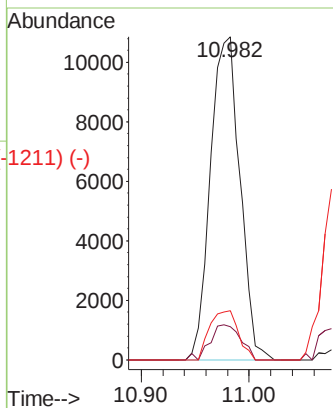
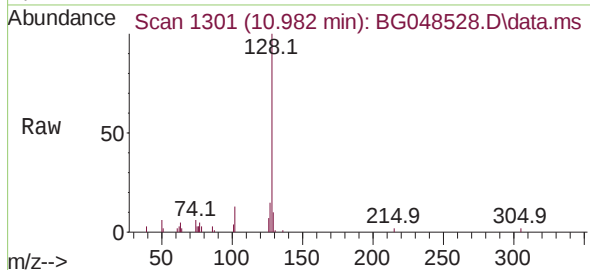




#31 (-)
Naphthalene
Concen: 5.74 ng
RT: 10.982 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

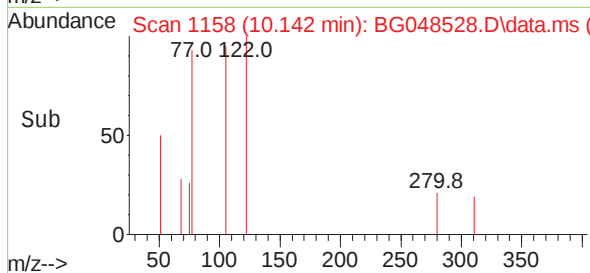
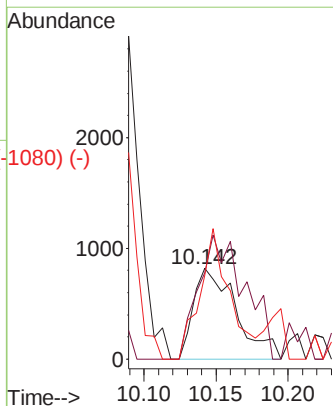
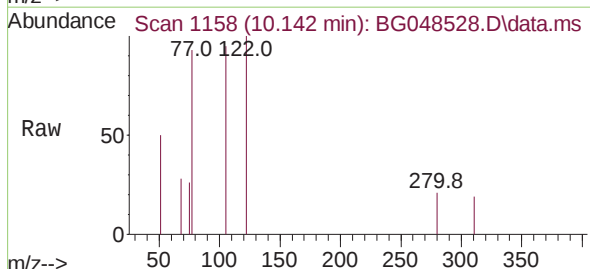
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:	128	Resp:	20758
Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.2	12.2
127	15.3	10.6	16.0



#32 (-)
Benzoic acid
Concen: 2.12 ng
RT: 10.142 min Scan# 1158
Delta R.T. -0.071 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

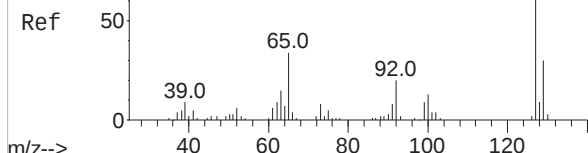
Tgt Ion:	122	Resp:	1678
Ion	Ratio	Lower	Upper
122	100		
105	95.1	97.1	137.1#
77	92.6	76.8	116.8



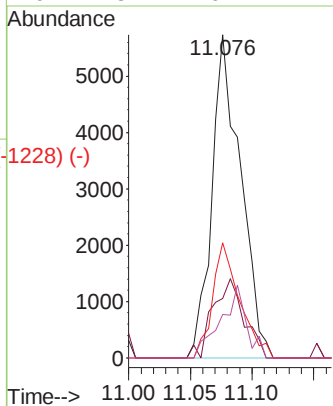
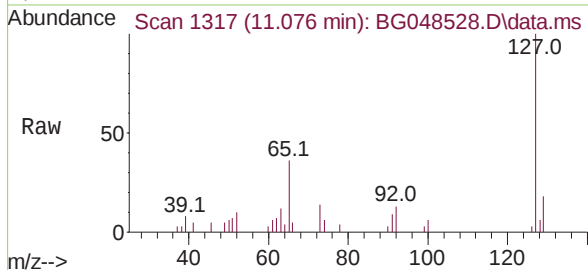
Abundance Scan 1316 (11.073 min): BG048516.D\data.ms (-1308) (-)

4-Chloroaniline
Concen: 6.08 ng
RT: 11.076 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

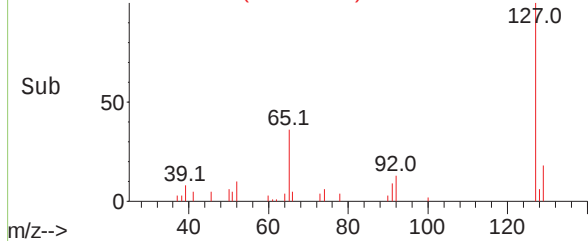
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021



Tgt Ion:	127	Resp:	9265
Ion	Ratio	Lower	Upper
127	100		
129	18.4	24.3	36.5#
65	35.7	27.0	40.4
92	13.4	16.4	24.6#



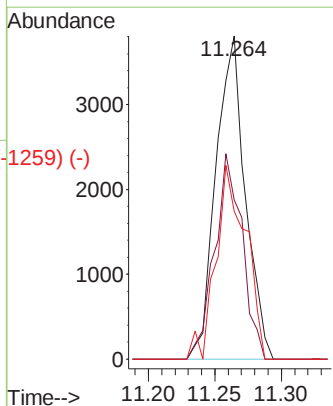
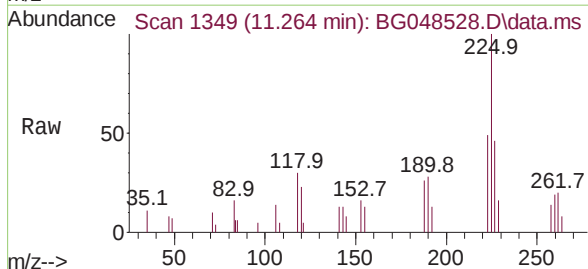
Abundance Scan 1317 (11.076 min): BG048528.D\data.ms (-1228) (-)



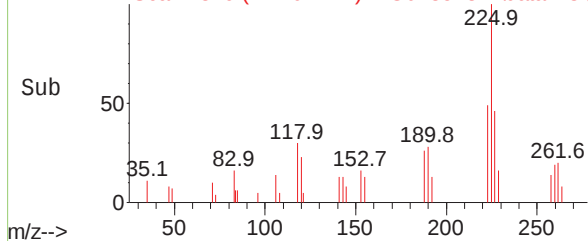
Abundance Scan 1348 (11.261 min): BG048516.D\data.ms (-1349) (-)

Hexachlorobutadiene
Concen: 5.97 ng
RT: 11.264 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Tgt Ion:	225	Resp:	5845
Ion	Ratio	Lower	Upper
225	100		
223	49.2	44.8	67.2
227	45.7	45.4	68.0



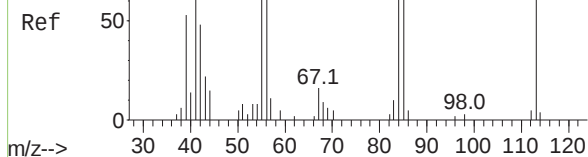
Abundance Scan 1349 (11.264 min): BG048528.D\data.ms (-1259) (-)



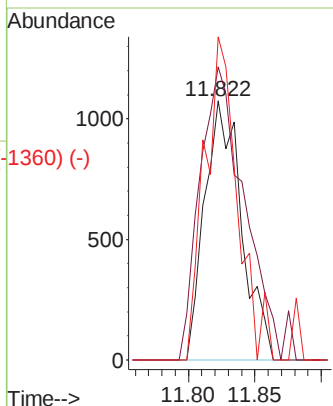
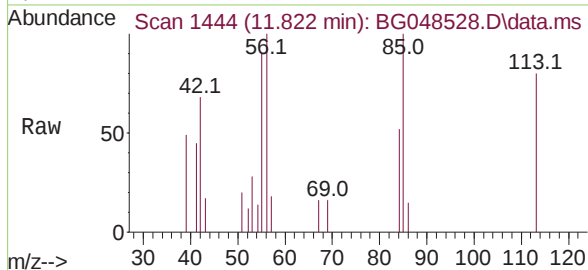
Abundance Scan 1447 (11.843 min): BG048516.D\data.ms (-1435) (-)

Caprolactam
Concen: 4.88 ng
RT: 11.822 min Scan# 1444
Delta R.T. -0.036 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

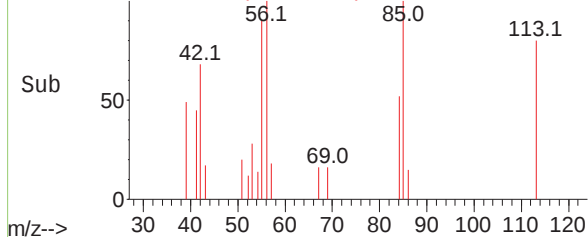
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021



Tgt Ion:	113	Resp:	2075
Ion	Ratio	Lower	Upper
113	100		
55	113.1	76.8	116.8
56	124.6	71.1	111.1#

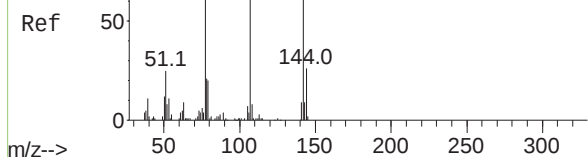


Abundance Scan 1444 (11.822 min): BG048528.D\data.ms (-1360) (-)

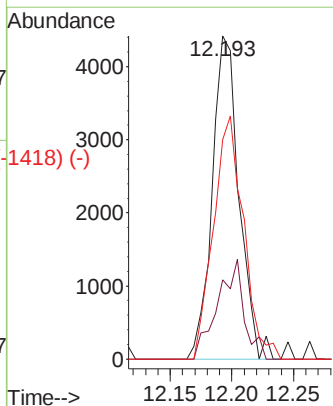
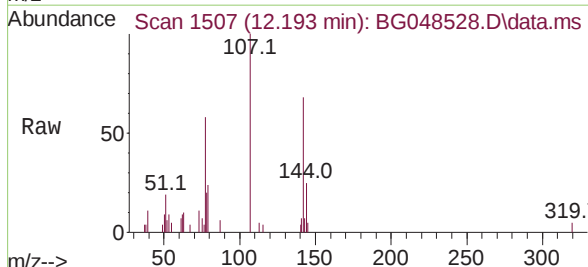


Abundance Scan 1507 (12.195 min): BG048516.D\data.ms (-1496) (-)

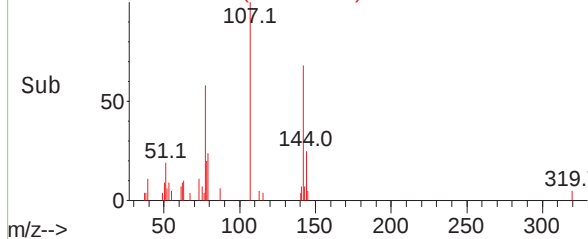
4-Chloro-3-methylphenol
Concen: 5.11 ng
RT: 12.193 min Scan# 1507
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32



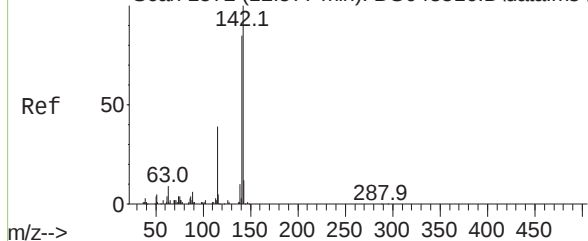
Tgt Ion:	107	Resp:	6690
Ion	Ratio	Lower	Upper
107	100		
144	24.5	20.6	31.0
142	67.9	67.0	100.6



Abundance Scan 1507 (12.193 min): BG048528.D\data.ms (-1418) (-)

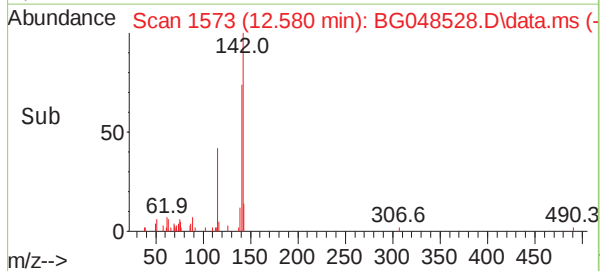
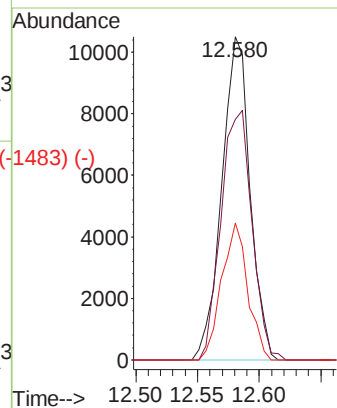
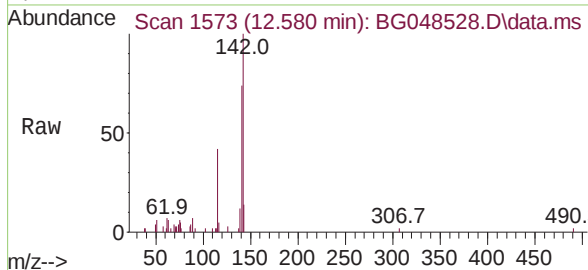


Abundance Scan 1572 (12.577 min): BG048516.D\data.ms (-1537) (-)

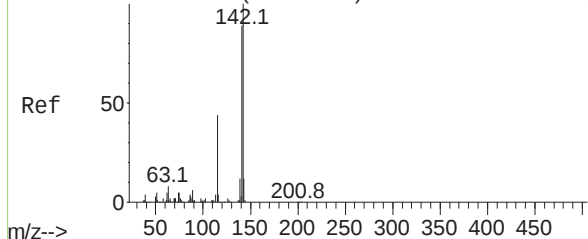


2-Methylnaphthalene
Concen: 5.84 ng
RT: 12.580 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Tgt Ion:	142	Resp:	16808
Ion	Ratio	Lower	Upper
142	100		
141	74.5	68.2	102.4
115	42.5	30.8	46.2

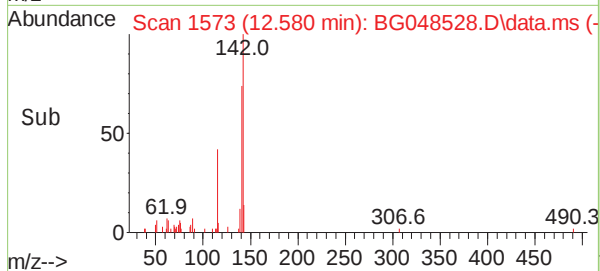
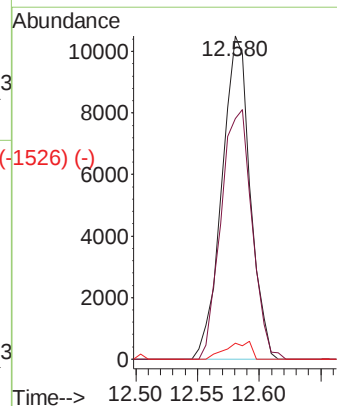
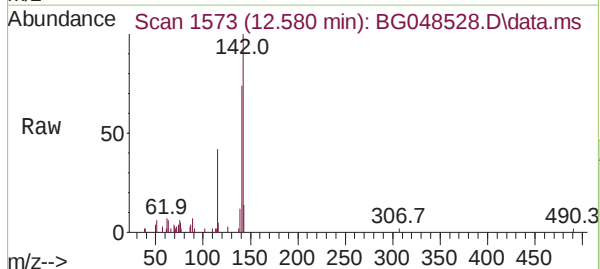


Abundance Scan 1610 (12.801 min): BG048516.D\data.ms (-1635) (-)



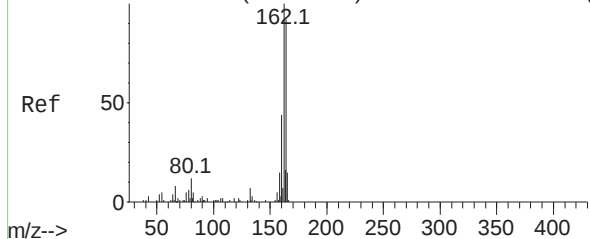
1-Methylnaphthalene
Concen: 6.13 ng
RT: 12.580 min Scan# 1573
Delta R.T. -0.224 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Tgt Ion:	142	Resp:	16808
Ion	Ratio	Lower	Upper
142	100		
141	74.5	71.2	106.8
116	5.0	3.4	5.0



Instrument :
BNA_G
ClientSampleId :
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Abundance Scan 1942 (14.751 min): BG048516.D\data.ms (-1853) (-)

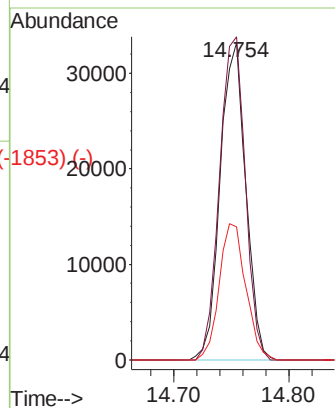
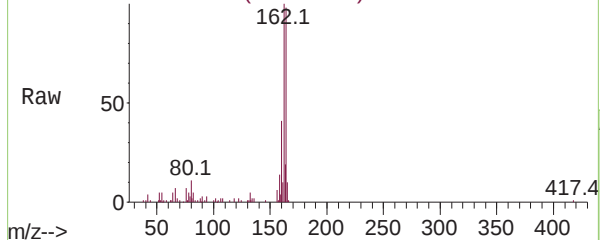


Acenaphthene-d10
Concen: 20.00 ng
RT: 14.754 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

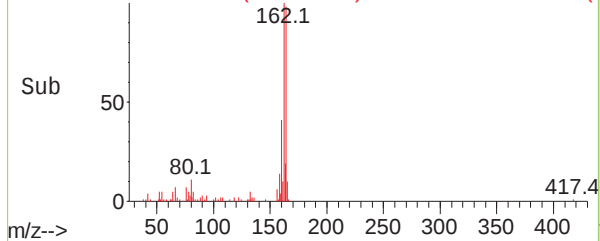
Tgt Ion:	164	Resp:	51205
Ion Ratio	Lower	Upper	
164	100		
162	101.9	87.0	130.6
160	41.9	38.4	57.6

Instrument :
BNA_G
ClientSampleId :
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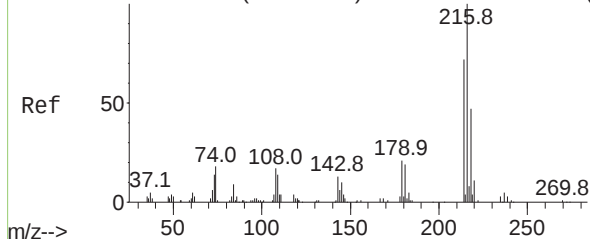
Abundance Scan 1943 (14.754 min): BG048528.D\data.ms



Abundance Scan 1943 (14.754 min): BG048528.D\data.ms (-1853) (-)



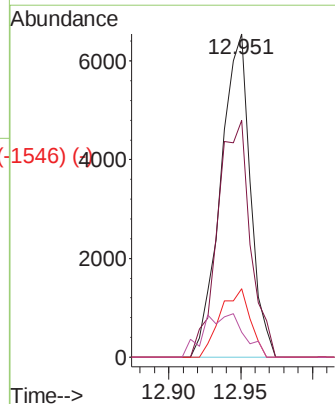
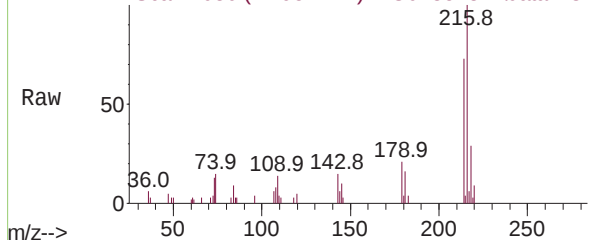
Abundance Scan 1634 (12.942 min): BG048516.D\data.ms (-1546) (-)



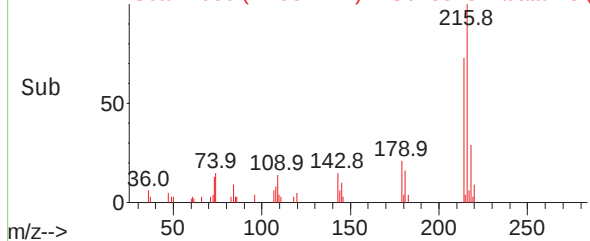
1,2,4,5-Tetrachlorobenzene
Concen: 5.91 ng
RT: 12.951 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Tgt Ion:	216	Resp:	9378
Ion Ratio	Lower	Upper	
216	100		
214	80.6	61.1	91.7
179	21.3	17.3	25.9
108	18.5	15.2	22.8

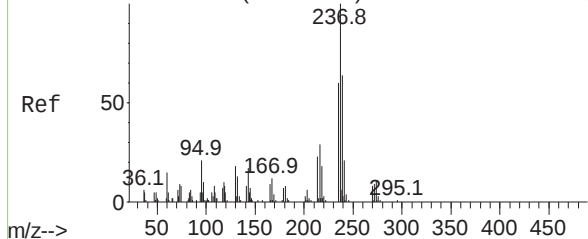
Abundance Scan 1636 (12.951 min): BG048528.D\data.ms



Abundance Scan 1636 (12.951 min): BG048528.D\data.ms (-1546) (-)



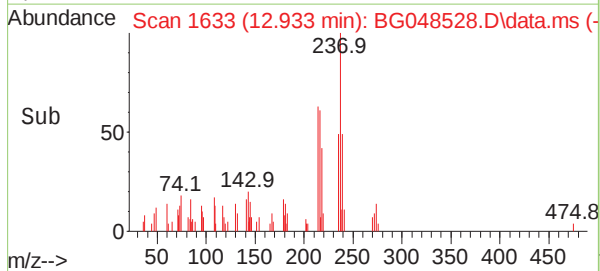
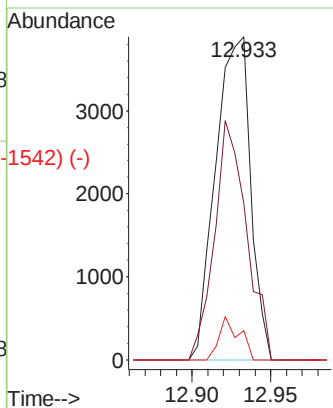
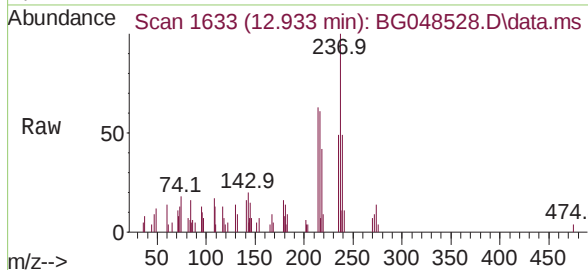
Abundance Scan 1631 (12.924 min): BG048516.D\data.ms (-1641) (-)



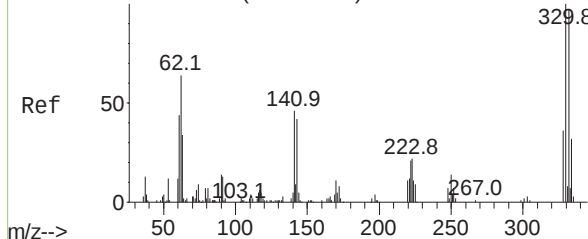
Hexachlorocyclopentadiene
Concen: 6.53 ng
RT: 12.933 min Scan# 1633
Delta R.T. 0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Tgt Ion:237 Resp: 6007
Ion Ratio Lower Upper
237 100
235 48.5 39.7 79.7
272 9.0 0.0 28.8

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

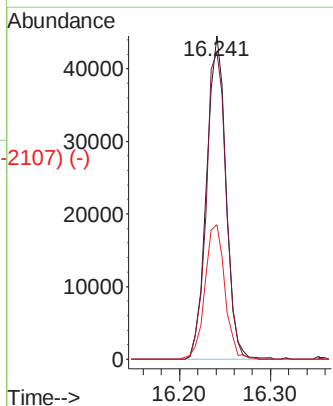
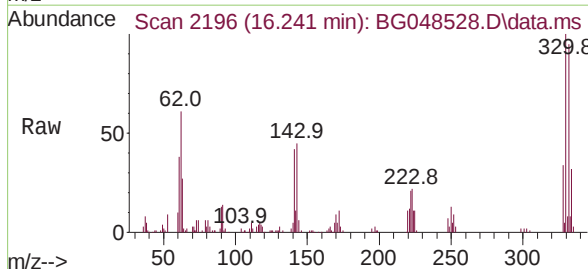


Abundance Scan 2195 (16.238 min): BG048516.D\data.ms (-2195) (-)

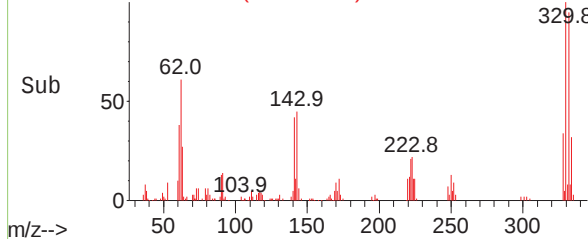


2,4,6-Tribromophenol
Concen: 98.06 ng
RT: 16.241 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

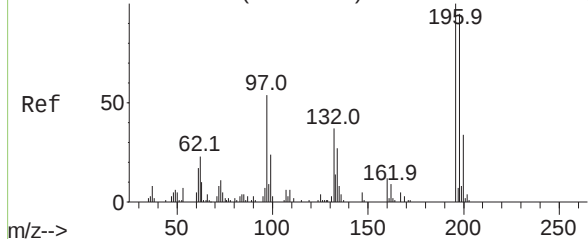
Tgt Ion:330 Resp: 66005
Ion Ratio Lower Upper
330 100
332 96.9 77.6 116.4
141 42.8 34.6 52.0



Abundance Scan 2196 (16.241 min): BG048528.D\data.ms (-2107) (-)



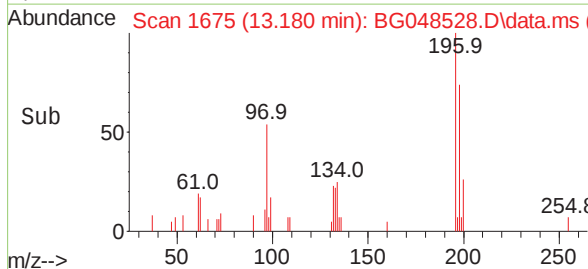
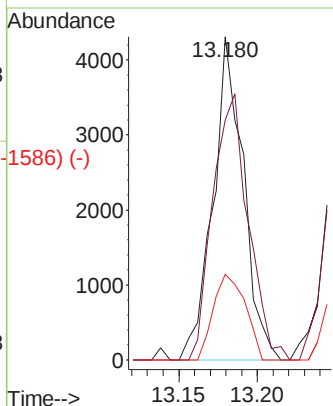
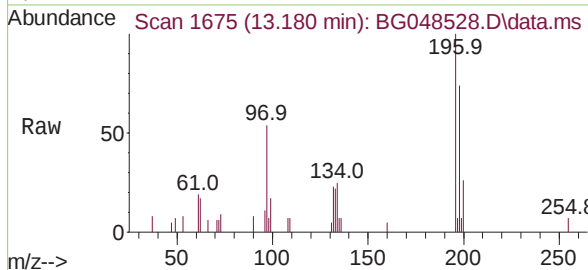
Abundance Scan 1675 (13.182 min): BG048516.D\data.ms (-1587) (-)



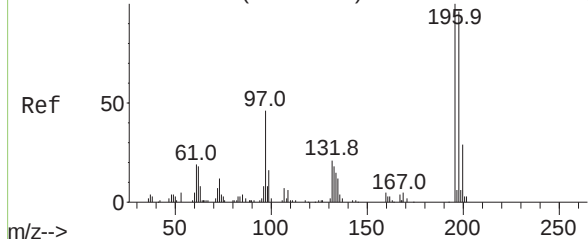
2,4,6-Trichlorophenol
Concen: 5.30 ng
RT: 13.180 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Tgt Ion:	196	Resp:	5786
Ion	Ratio	Lower	Upper
196	100		
198	81.6	75.8	113.6
200	26.5	27.0	40.6#

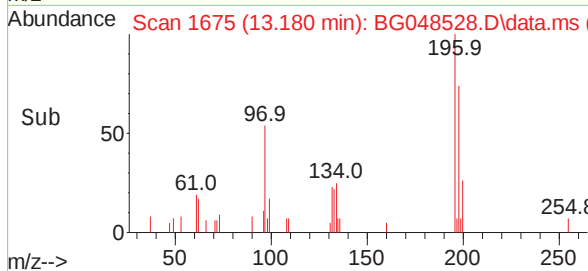
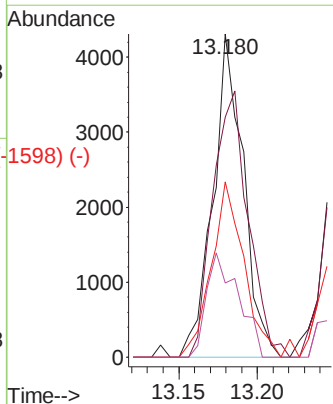
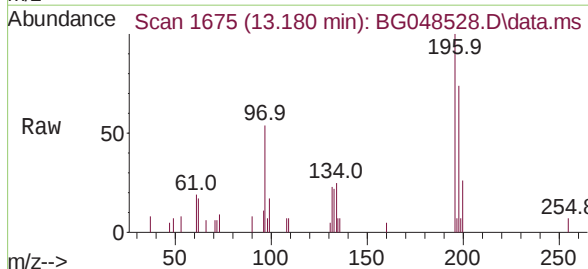


Abundance Scan 1687 (13.253 min): BG048516.D\data.ms (-1581) (-)

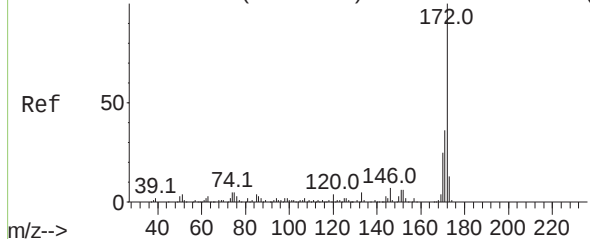


2,4,5-Trichlorophenol
Concen: 4.96 ng
RT: 13.180 min Scan# 1675
Delta R.T. -0.077 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Tgt Ion:	196	Resp:	5786
Ion	Ratio	Lower	Upper
196	100		
198	81.6	77.1	115.7
97	54.3	37.5	56.3
132	22.9	17.3	25.9



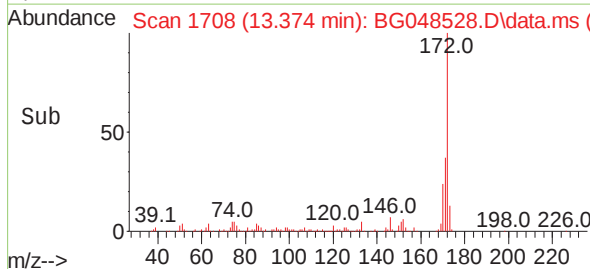
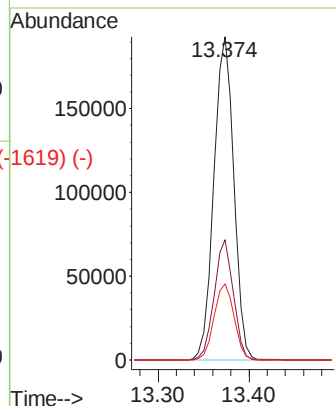
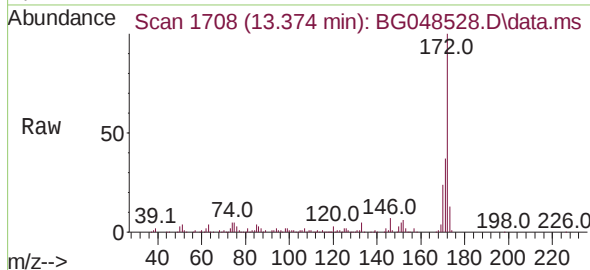
Abundance Scan 1707 (13.370 min): BG048516.D\data.ms (-1695) (-)



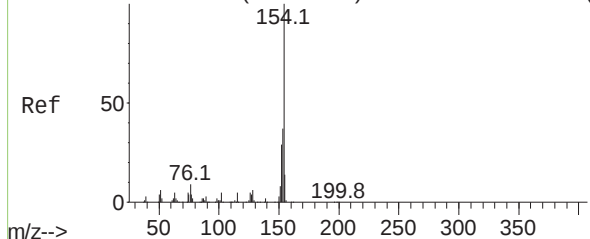
2-Fluorobiphenyl
Concen: 85.19 ng
RT: 13.374 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Tgt Ion:	172	Resp:	293477
Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.5	42.7
170	23.6	19.8	29.6

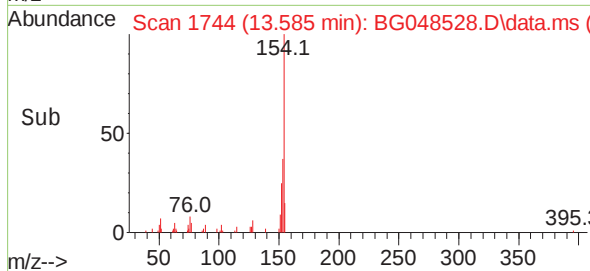
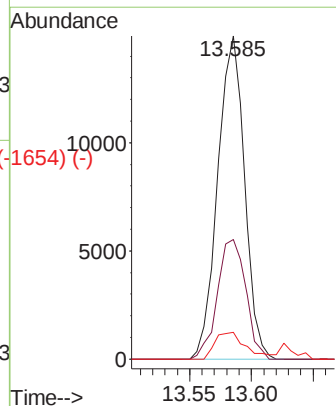
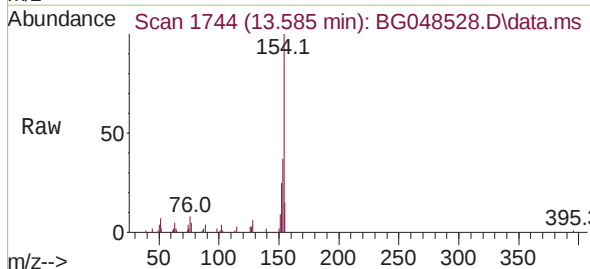


Abundance Scan 1743 (13.582 min): BG048516.D\data.ms (-1745) (-)

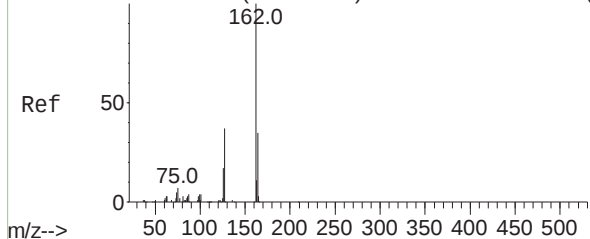


1,1'-Biphenyl
Concen: 6.05 ng
RT: 13.585 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Tgt Ion:	154	Resp:	22642
Ion	Ratio	Lower	Upper
154	100		
153	37.1	17.3	57.3
76	8.4	0.0	28.6



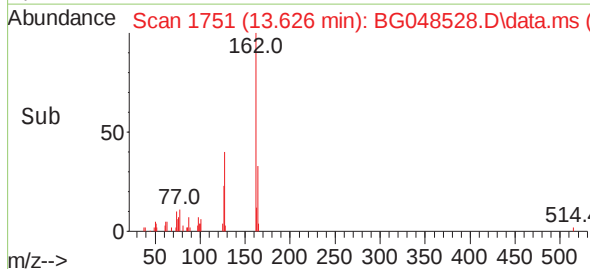
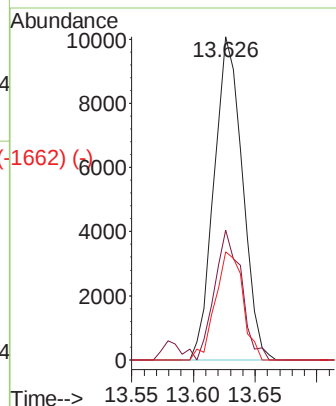
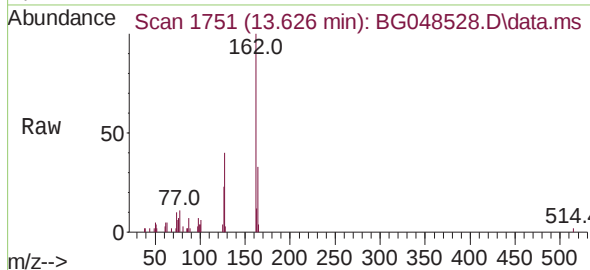
Abundance Scan 1751 (13.629 min): BG048516.D\data.ms (-1741) (-)



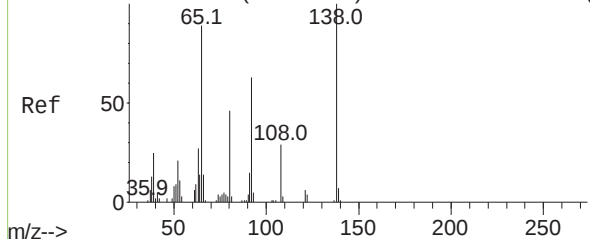
2-Chloronaphthalene
Concen: 5.67 ng
RT: 13.626 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Tgt Ion:	162	Resp:	16160
Ion	Ratio	Lower	Upper
162	100		
127	40.3	31.8	47.8
164	33.4	27.8	41.6

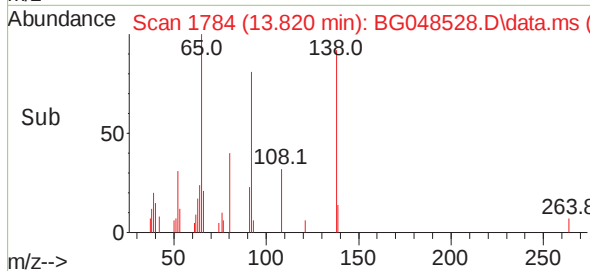
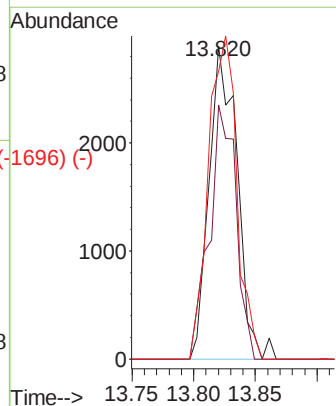
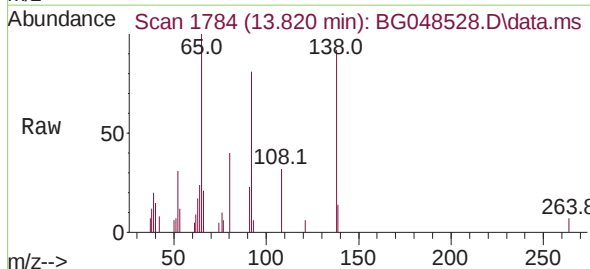


Abundance Scan 1784 (13.823 min): BG048516.D\data.ms (-1746) (-)

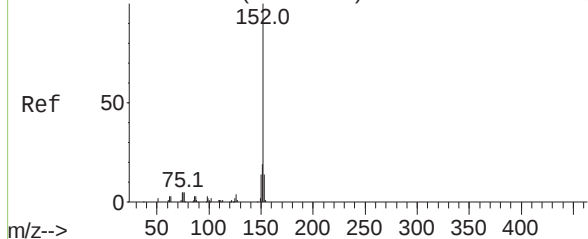


2-Nitroaniline
Concen: 5.06 ng
RT: 13.820 min Scan# 1784
Delta R.T. -0.012 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Tgt Ion:	65	Resp:	4584
Ion	Ratio	Lower	Upper
65	100		
92	81.3	56.7	85.1
138	92.0	89.6	134.4



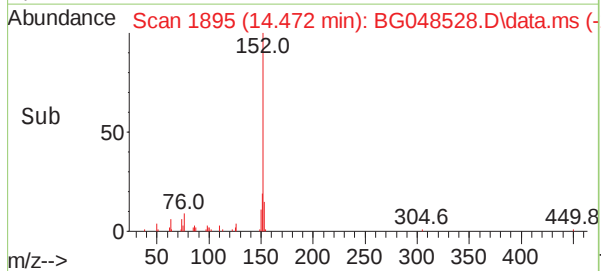
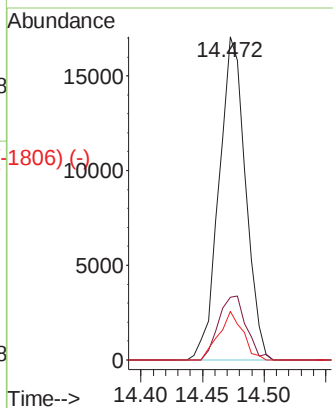
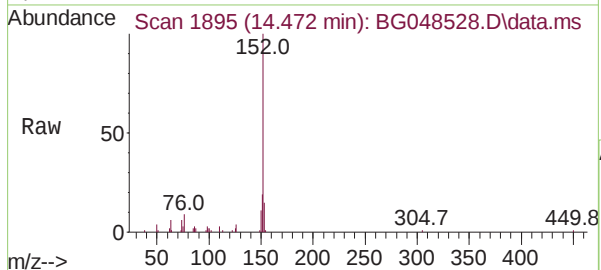
Abundance Scan 1894 (14.469 min): BG048516.D\data.ms (-1849) (-)



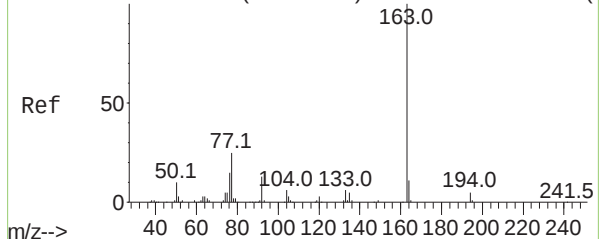
Acenaphthylene
Concen: 5.73 ng
RT: 14.472 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Tgt Ion:	152	Resp:	25623
Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.0	22.6
153	15.1	11.0	16.6

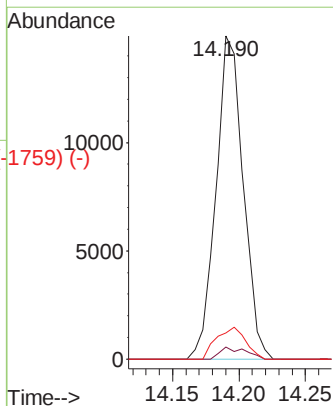
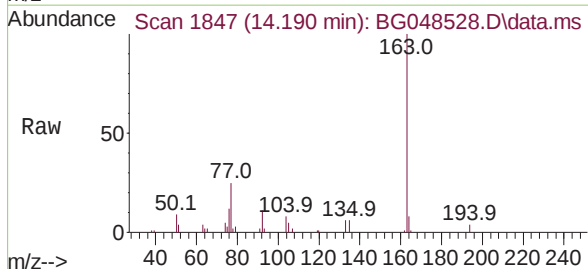


Abundance Scan 1847 (14.193 min): BG048516.D\data.ms (-1859) (-)

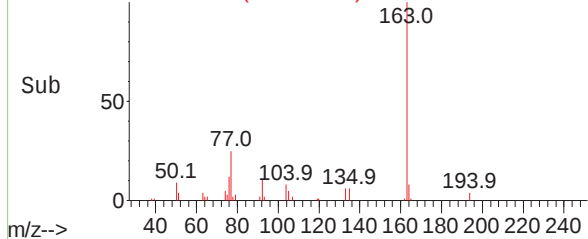


Dimethylphthalate
Concen: 5.56 ng
RT: 14.190 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Tgt Ion:	163	Resp:	21134
Ion	Ratio	Lower	Upper
163	100		
194	3.8	4.1	6.1#
164	8.2	8.6	12.8#



Abundance Scan 1847 (14.190 min): BG048528.D\data.ms (-1759) (-)



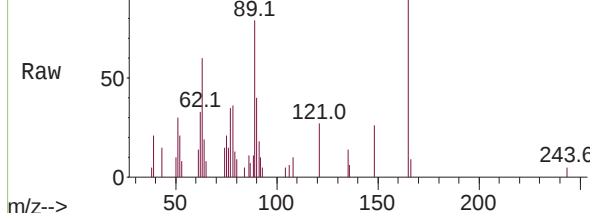
Abundance Scan 1868 (14.316 min): BG048516.D\data.ms (-1651) (-)

2,6-Dinitrotoluene
Concen: 5.12 ng
RT: 14.314 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

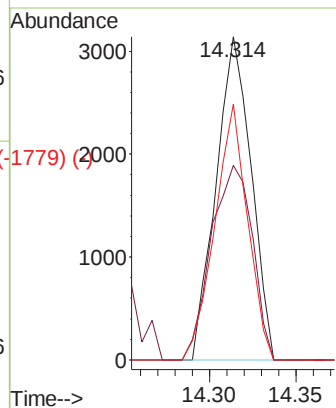
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Ref

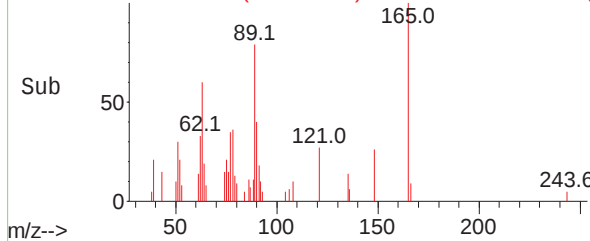
Abundance Scan 1868 (14.314 min): BG048528.D\data.ms



Tgt Ion:	165	Resp:	4456
Ion	Ratio	Lower	Upper
165	100		
63	60.2	53.8	80.6
89	79.2	50.8	76.2#

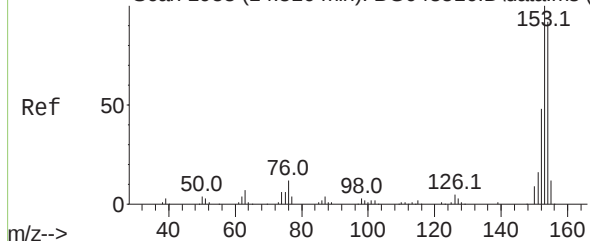


Abundance Scan 1868 (14.314 min): BG048528.D\data.ms (-1779) (-)

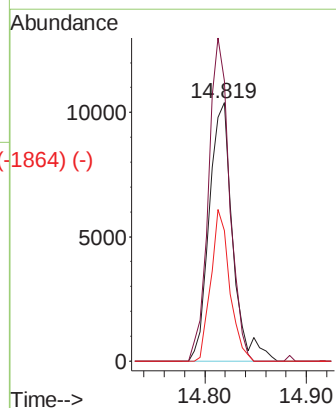


Abundance Scan 1953 (14.816 min): BG048516.D\data.ms (-1552) (-)

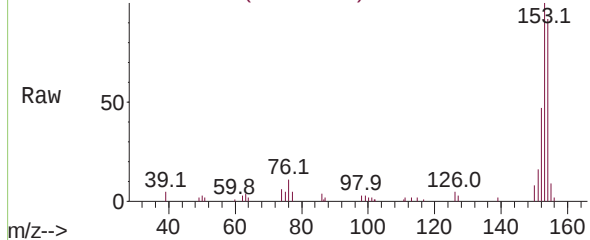
Acenaphthene
Concen: 5.14 ng
RT: 14.819 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32



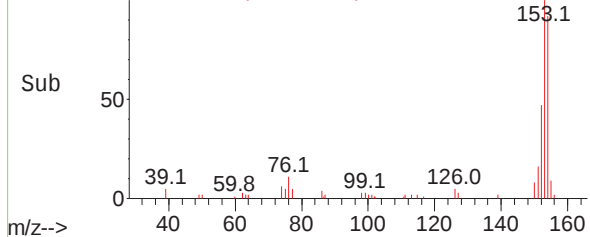
Tgt Ion:	154	Resp:	16625
Ion	Ratio	Lower	Upper
154	100		
153	108.3	86.6	129.8
152	50.4	41.5	62.3



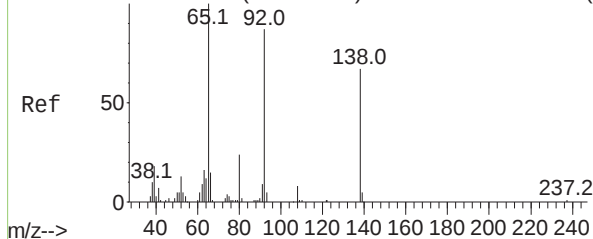
Abundance Scan 1954 (14.819 min): BG048528.D\data.ms



Abundance Scan 1954 (14.819 min): BG048528.D\data.ms (-1864) (-)



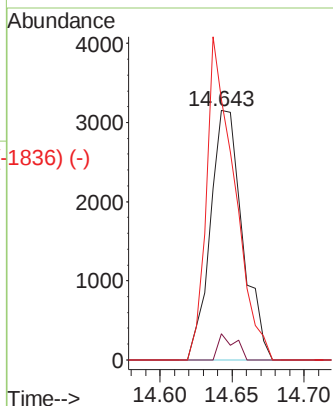
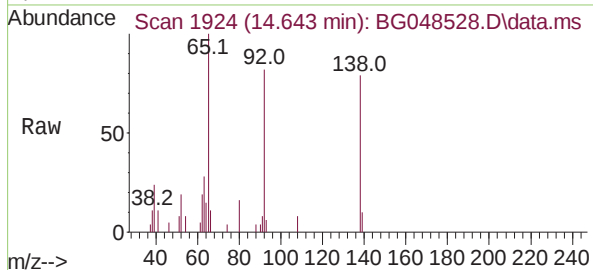
Abundance Scan 1924 (14.643 min): BG048516.D\data.ms (-1952) (-)



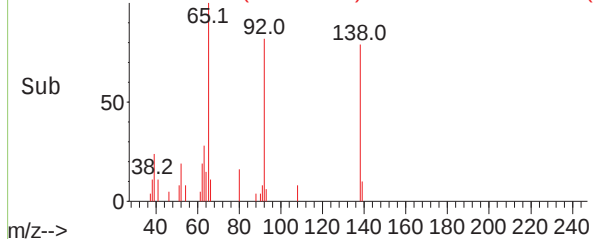
3-Nitroaniline
Concen: 5.73 ng
RT: 14.643 min Scan# 1924
Delta R.T. -0.012 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

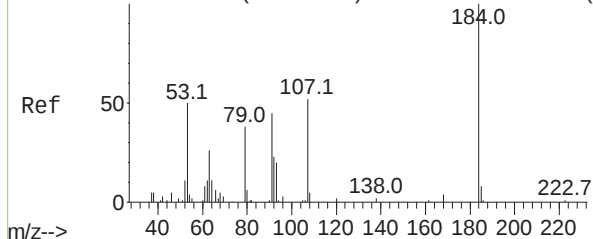
Tgt Ion:	138	Resp:	4886
Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.2	13.8
92	104.5	103.8	155.8



Abundance Scan 1924 (14.643 min): BG048528.D\data.ms (-1836) (-)

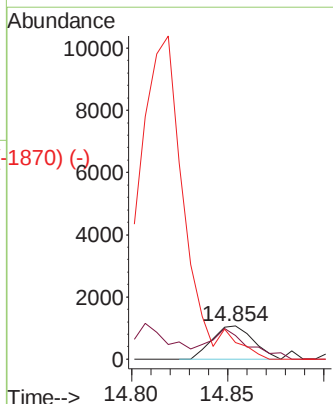
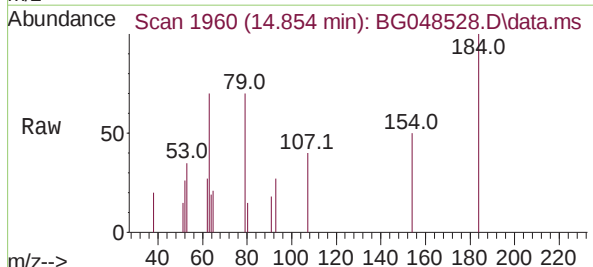


Abundance Scan 1959 (14.851 min): BG048516.D\data.ms (-1952) (-)

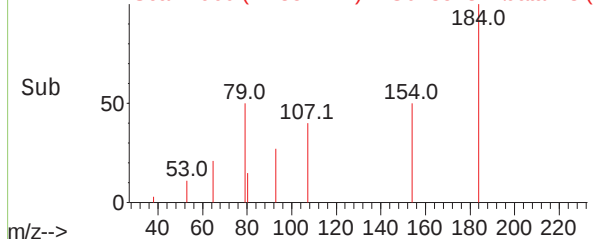


2,4-Dinitrophenol
Concen: 3.25 ng
RT: 14.854 min Scan# 1960
Delta R.T. -0.000 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

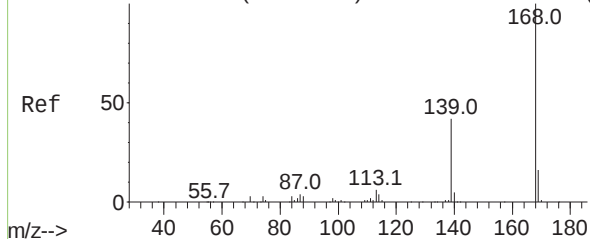
Tgt Ion:	184	Resp:	1589
Ion	Ratio	Lower	Upper
184	100		
63	69.9	56.6	84.8
154	49.9	54.9	82.3#



Abundance Scan 1960 (14.854 min): BG048528.D\data.ms (-1870) (-)



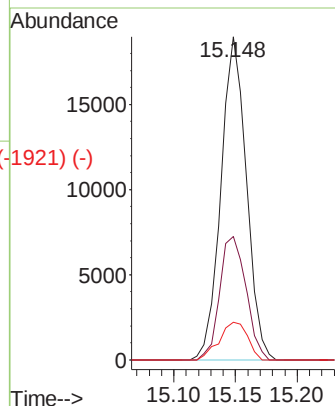
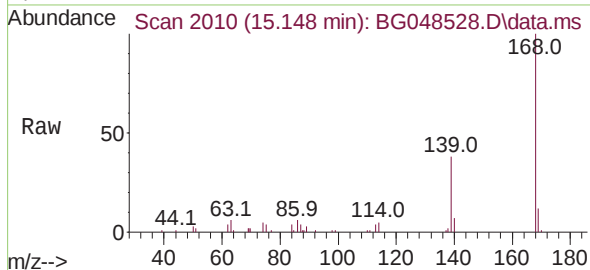
Abundance Scan 2009 (15.145 min): BG048516.D\data.ms (-1921) (-)



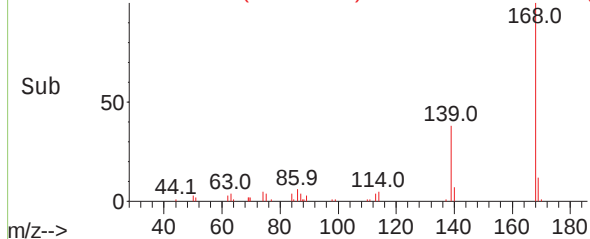
Dibenzenofuran
Concen: 5.79 ng
RT: 15.148 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

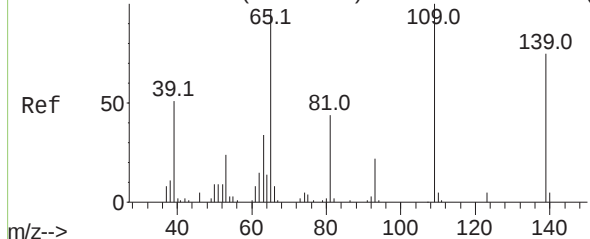
Tgt Ion:	168	Resp:	27320
Ion	Ratio	Lower	Upper
168	100		
139	38.1	33.7	50.5
169	11.7	12.5	18.7#



Abundance Scan 2010 (15.148 min): BG048528.D\data.ms (-1921) (-)

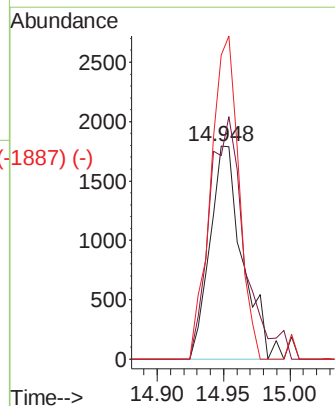
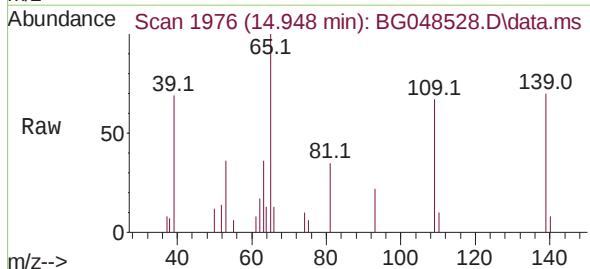


Abundance Scan 1976 (14.951 min): BG048516.D\data.ms (-1956) (-)

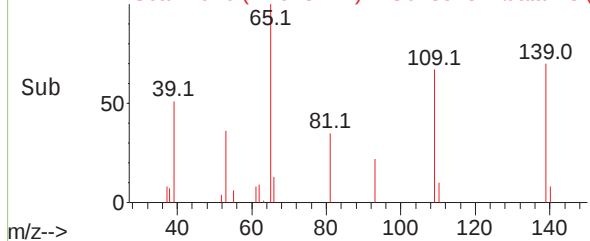


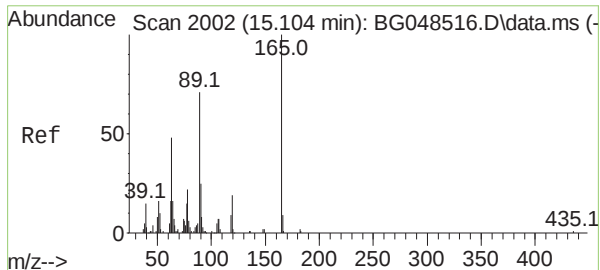
4-Nitrophenol
Concen: 4.44 ng
RT: 14.948 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Tgt Ion:	139	Resp:	3058
Ion	Ratio	Lower	Upper
139	100		
109	95.5	113.0	153.0#
65	142.5	109.4	149.4



Abundance Scan 1976 (14.948 min): BG048528.D\data.ms (-1887) (-)

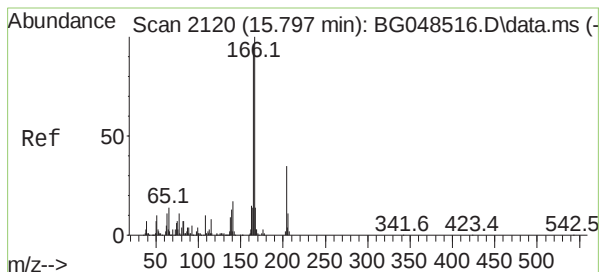
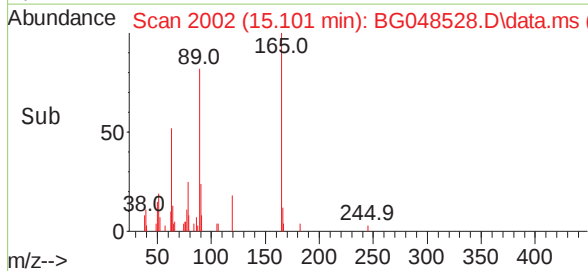
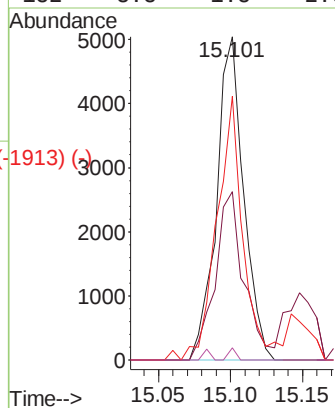
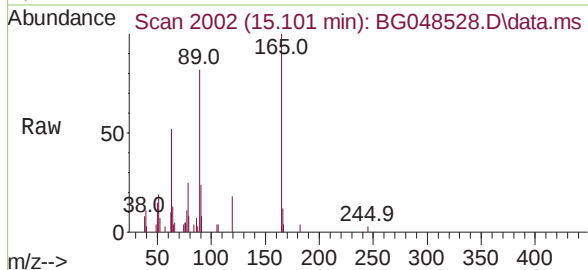




2,4-Dinitrotoluene
Concen: 5.34 ng
RT: 15.101 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

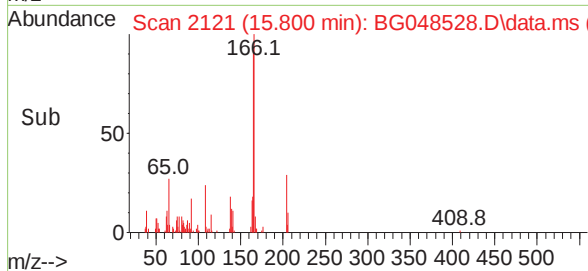
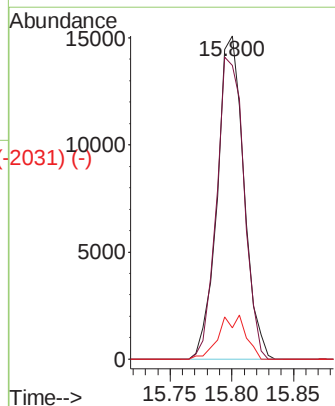
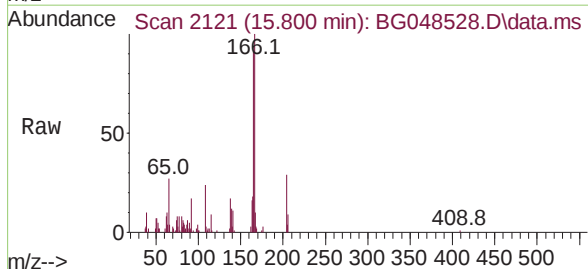
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Tgt Ion:	165	Resp:	6568
Ion Ratio	Lower	Upper	
165	100		
63	52.0	38.3	57.5
89	81.5	56.5	84.7
182	3.8	1.8	2.6#



Fluorene
Concen: 5.74 ng
RT: 15.800 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

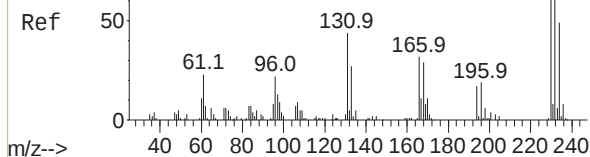
Tgt Ion:	166	Resp:	22693
Ion Ratio	Lower	Upper	
166	100		
165	90.8	76.8	115.2
167	9.7	11.1	16.7#



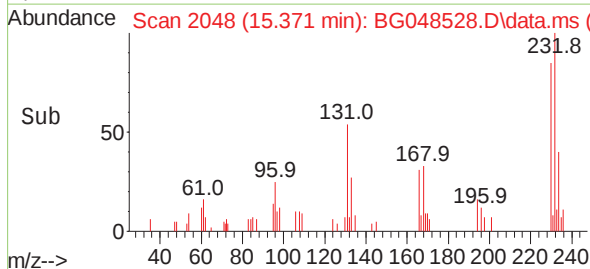
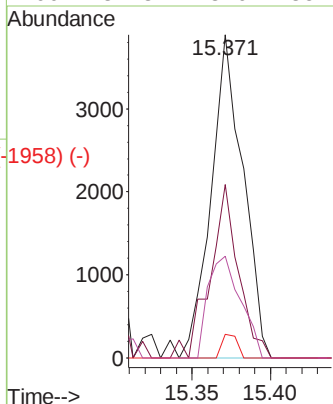
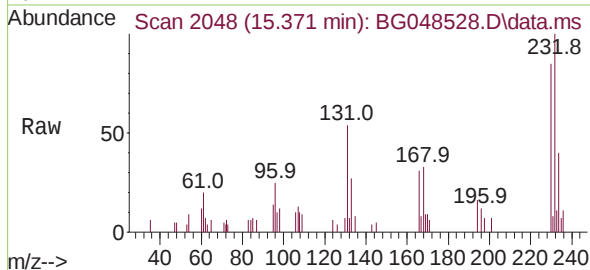
Abundance Scan 2047 (15.368 min): BG048516.D\data.ms (-2059) (-)

2,3,4,6-Tetrachlorophenol
Concen: 4.83 ng
RT: 15.371 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

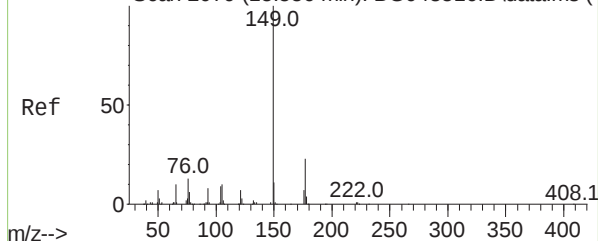


Tgt Ion:	232	Resp:	5501
Ion	Ratio	Lower	Upper
232	100		
131	48.1	35.0	52.4
130	3.5	2.4	3.6
166	32.3	23.6	35.4

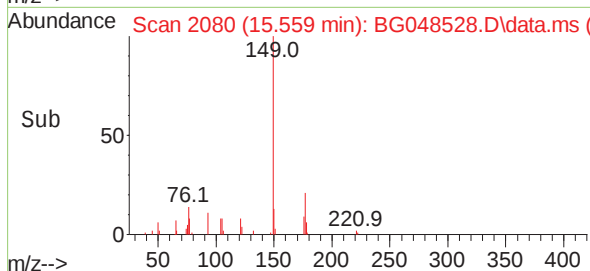
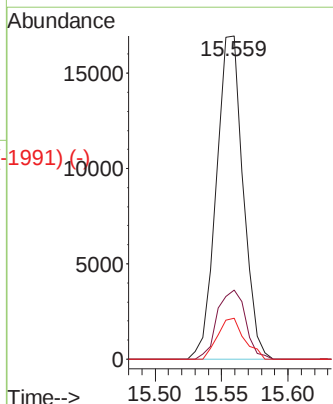
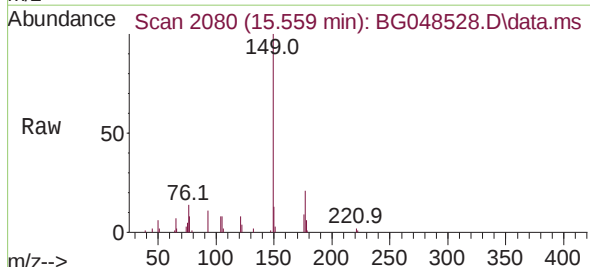


Abundance Scan 2079 (15.556 min): BG048516.D\data.ms (-2060) (-)

Diethylphthalate
Concen: 6.04 ng
RT: 15.559 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32



Tgt Ion:	149	Resp:	23589
Ion	Ratio	Lower	Upper
149	100		
177	21.4	18.1	27.1
150	12.6	9.1	13.7



Abundance Scan 2118 (15.785 min): BG048516.D\data.ms (-2161) (-)

4-Chlorophenyl-phenylether
Concen: 5.74 ng
RT: 15.788 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Ref 50 0 40 60 80 100 120 140 160 180 200

m/z-->

Tgt Ion:204 Resp: 12201
Ion Ratio Lower Upper
204 100
206 33.1 23.8 35.8
141 60.9 44.0 66.0

Abundance Scan 2119 (15.788 min): BG048528.D\data.ms

Raw 50 0 40 60 80 100 120 140 160 180 200

m/z-->

Abundance

8000 15.788

6000

4000

2000

0

15.75 15.80

Time-->

Abundance Scan 2119 (15.788 min): BG048528.D\data.ms (-2029) (-)

Sub 50 0 40 60 80 100 120 140 160 180 200

m/z-->

Abundance Scan 2122 (15.809 min): BG048516.D\data.ms (-2162) (-)

4-Nitroaniline
Concen: 5.61 ng
RT: 15.806 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Ref 50 0 50 100 150 200 250 300 350 400 450

m/z-->

Tgt Ion:138 Resp: 5004
Ion Ratio Lower Upper
138 100
92 43.9 32.2 72.2
108 94.1 104.1 144.1#

Abundance Scan 2122 (15.806 min): BG048528.D\data.ms

Raw 50 0 50 100 150 200 250 300 350 400 450

m/z-->

Abundance

4000 15.806

3000

2000

1000

0

15.75 15.80 15.85

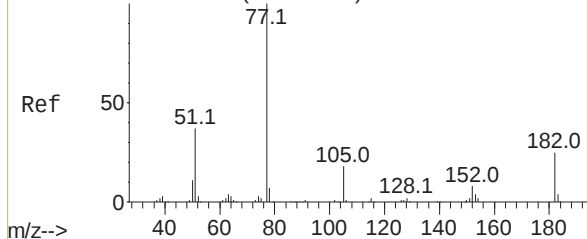
Time-->

Abundance Scan 2122 (15.806 min): BG048528.D\data.ms (-2034) (-)

Sub 50 0 50 100 150 200 250 300 350 400 450

m/z-->

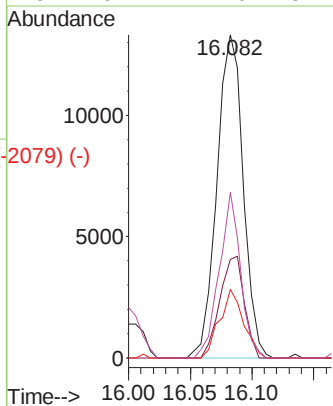
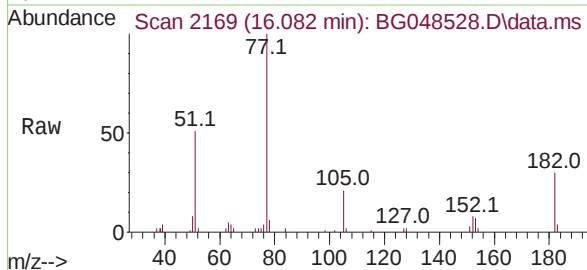
Abundance Scan 2168 (16.079 min): BG048516.D\data.ms (-2168) (-)



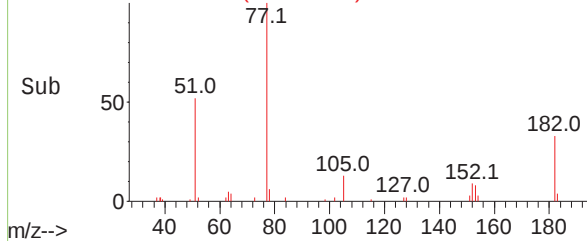
Azobenzene
Concen: 5.14 ng
RT: 16.082 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

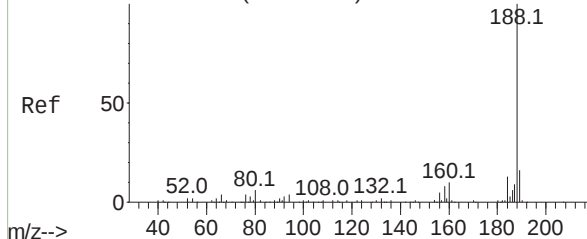
Tgt Ion:	77	Resp:	19763
Ion	Ratio	Lower	Upper
77	100		
182	30.5	5.3	45.3
105	21.1	0.0	37.8
51	51.2	17.0	57.0



Abundance Scan 2169 (16.082 min): BG048528.D\data.ms (-2079) (-)

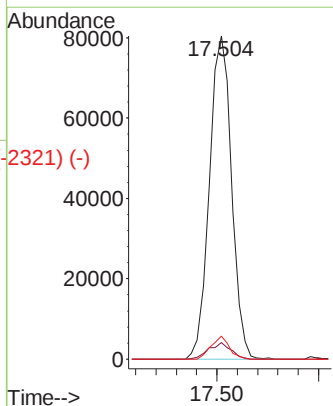
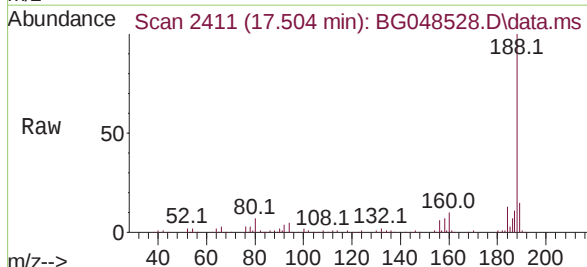


Abundance Scan 2410 (17.501 min): BG048516.D\data.ms (-2409) (-)

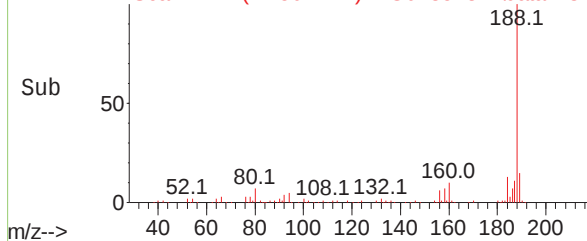


Phenanthrene-d10
Concen: 20.00 ng
RT: 17.504 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

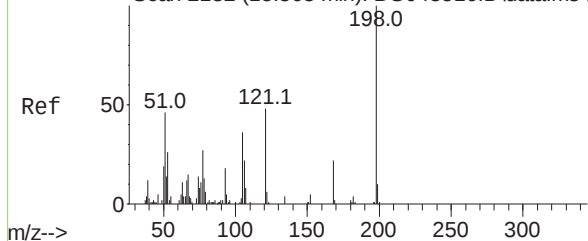
Tgt Ion:	188	Resp:	121748
Ion	Ratio	Lower	Upper
188	100		
94	5.1	3.0	4.6#
80	7.1	4.5	6.7#



Abundance Scan 2411 (17.504 min): BG048528.D\data.ms (-2321) (-)



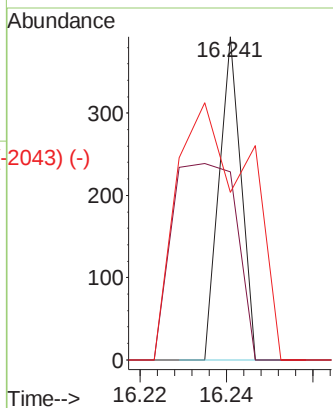
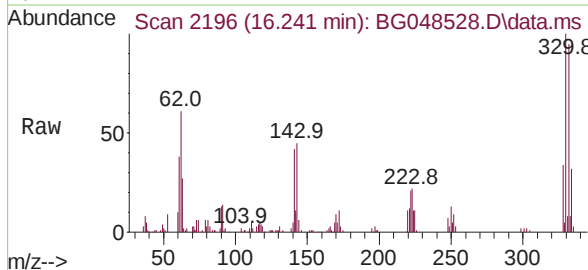
Abundance Scan 2132 (15.868 min): BG048516.D\data.ms (-2132) (-)



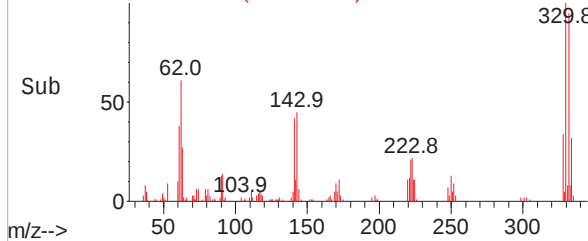
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 16.241 min Scan# 2196
Delta R.T. 0.370 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

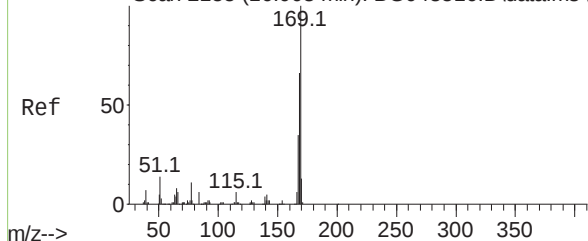
Tgt Ion:	198	Resp:	139
Ion	Ratio	Lower	Upper
198	100		
51	58.3	26.5	66.5
105	51.9	16.0	56.0



Abundance Scan 2196 (16.241 min): BG048528.D\data.ms (-2043) (-)

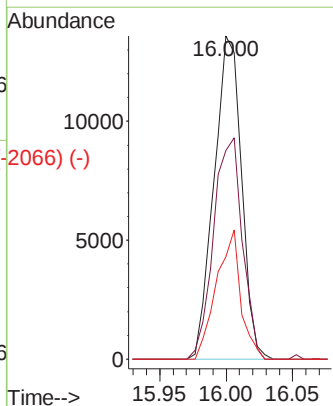
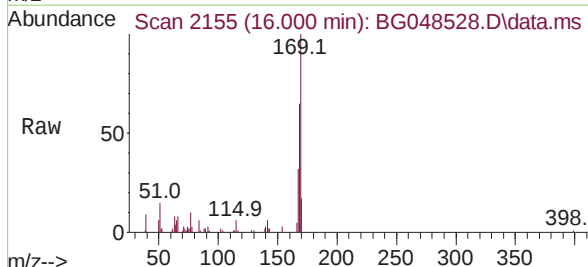


Abundance Scan 2155 (16.003 min): BG048516.D\data.ms (-2155) (-)

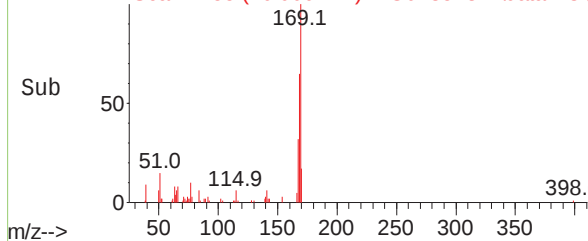


n-Nitrosodiphenylamine
Concen: 5.61 ng
RT: 16.000 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Tgt Ion:	169	Resp:	19432
Ion	Ratio	Lower	Upper
169	100		
168	64.5	52.7	79.1
167	31.6	27.8	41.8



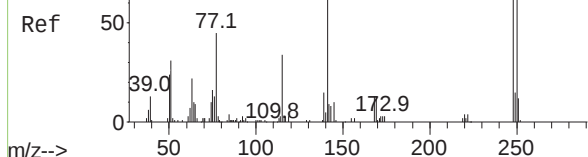
Abundance Scan 2155 (16.000 min): BG048528.D\data.ms (-2066) (-)



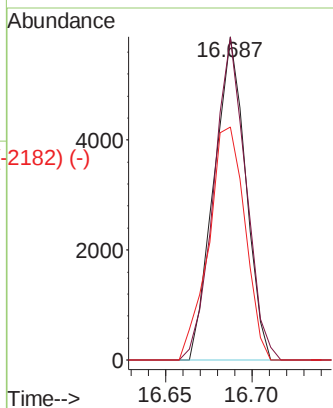
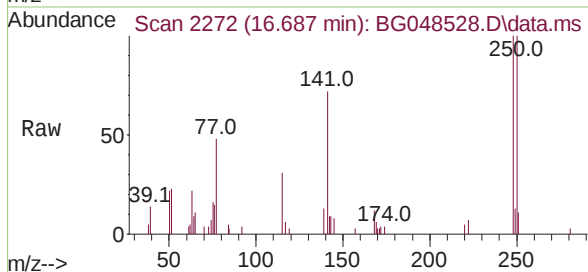
Abundance Scan 2271 (16.684 min): BG048516.D\data.ms (-2265) (-)

4-Bromophenyl-phenylether
Concen: 5.58 ng
RT: 16.687 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

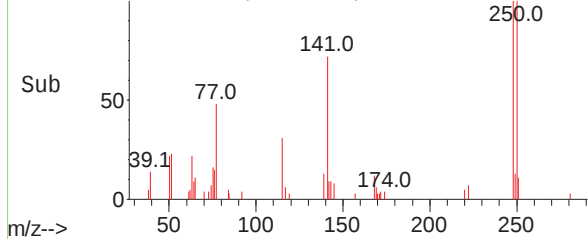
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021



Tgt Ion:	248	Resp:	7531
Ion	Ratio	Lower	Upper
248	100		
250	99.8	82.6	124.0
141	72.1	61.0	91.6



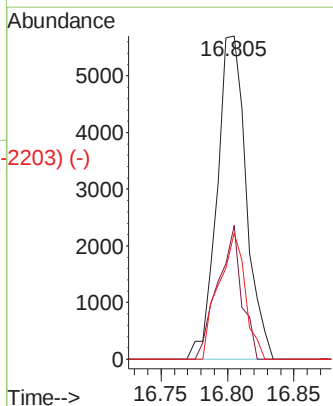
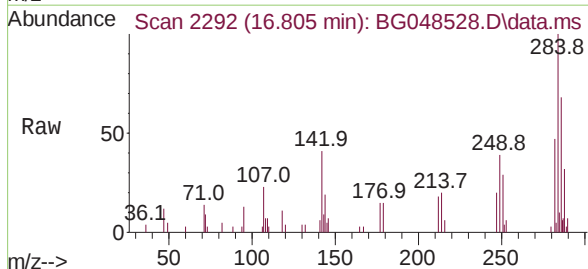
Abundance Scan 2272 (16.687 min): BG048528.D\data.ms (-2182) (-)



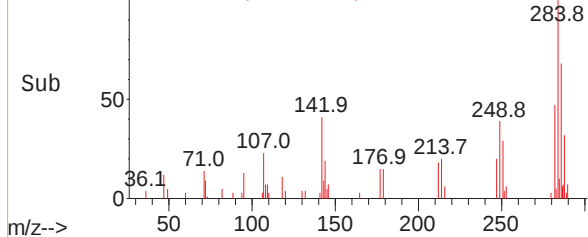
Abundance Scan 2291 (16.802 min): BG048516.D\data.ms (-2264) (-)

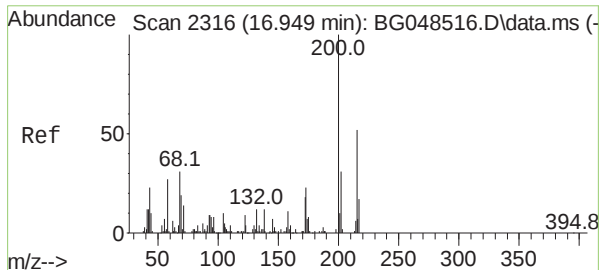
Hexachlorobenzene
Concen: 6.15 ng
RT: 16.805 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Tgt Ion:	284	Resp:	8660
Ion	Ratio	Lower	Upper
284	100		
142	41.4	29.1	43.7
249	39.0	27.7	41.5



Abundance Scan 2292 (16.805 min): BG048528.D\data.ms (-2203) (-)

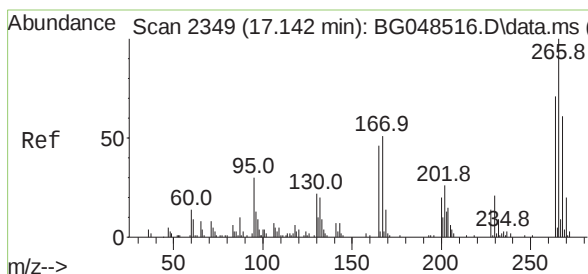
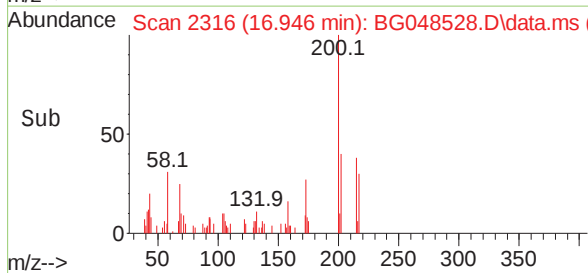
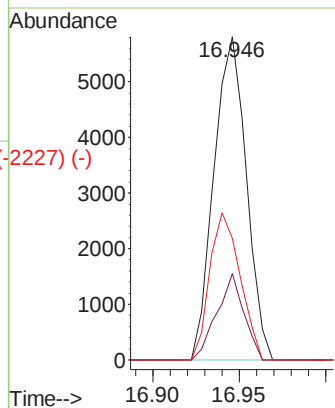
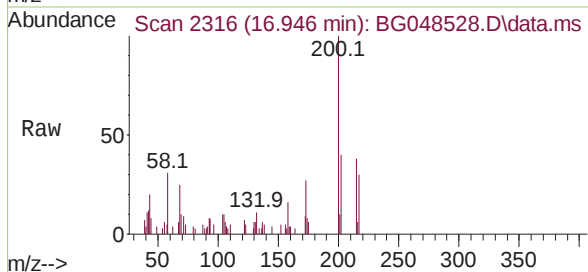




Atrazine
Concen: 5.39 ng
RT: 16.946 min Scan# 2316
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

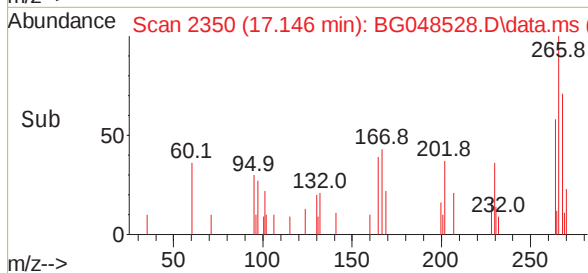
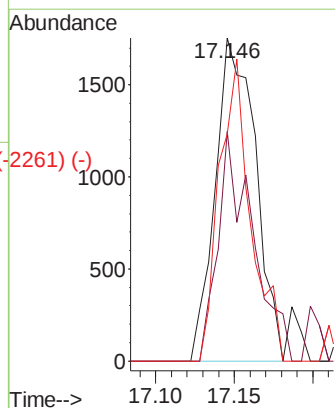
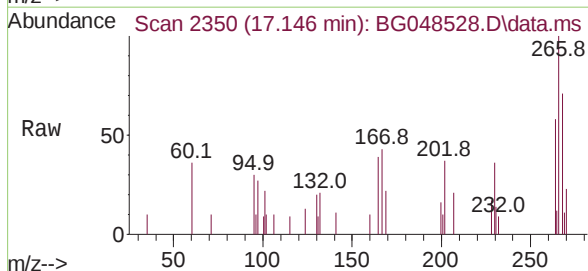
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

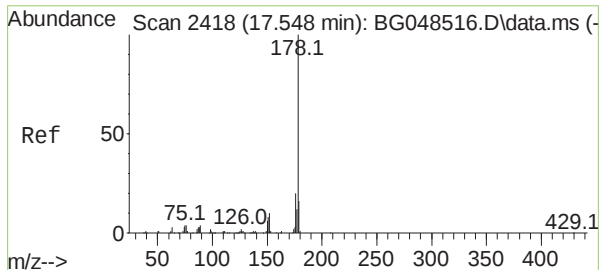
Tgt Ion:	200	Resp:	7610
Ion Ratio	Lower	Upper	
200	100		
173	26.8	2.8	42.8
215	37.6	31.7	71.7



Pentachlorophenol
Concen: 3.56 ng
RT: 17.146 min Scan# 2350
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Tgt Ion:	266	Resp:	3121
Ion Ratio	Lower	Upper	
266	100		
268	71.0	48.6	73.0
264	70.2	56.4	84.6

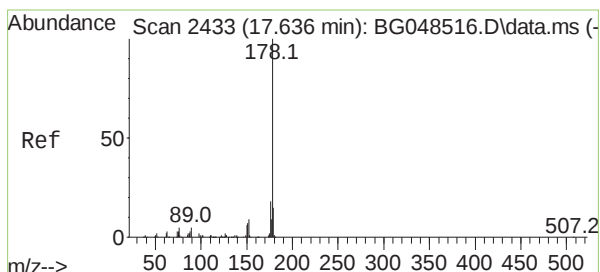
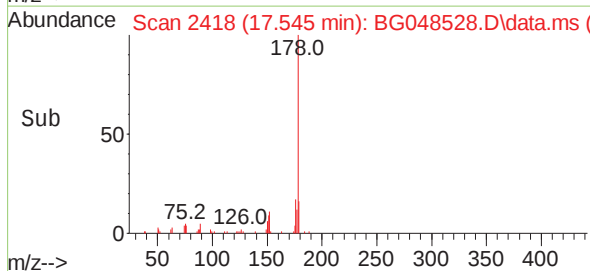
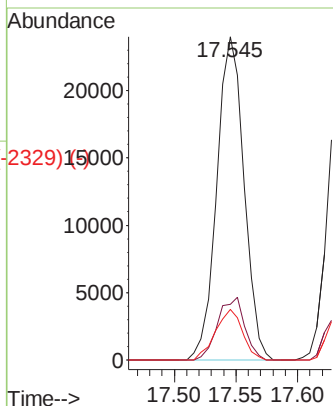
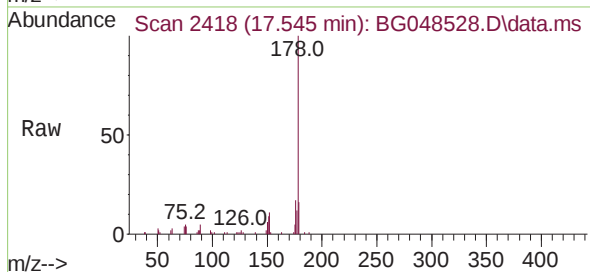




Scan 2418 (17.548 min): BG048516.D\data.ms (-2418) (-)
 Phenanthrene
 Concen: 5.83 ng
 RT: 17.545 min Scan# 2418
 Delta R.T. -0.006 min
 Lab File: BG048528.D
 Acq: 31 Mar 2021 14:32

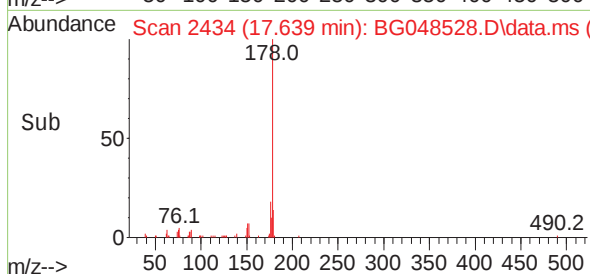
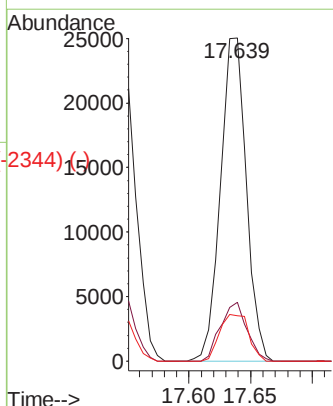
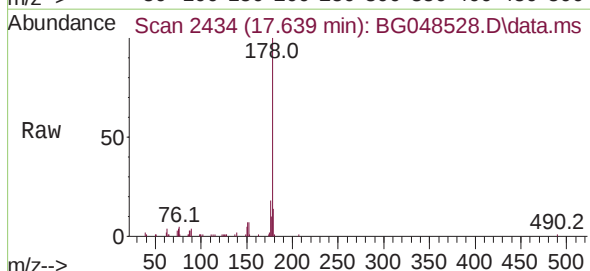
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

Tgt Ion:	178	Resp:	36844
Ion	Ratio	Lower	Upper
178	100		
176	17.2	15.6	23.4
179	15.5	12.9	19.3

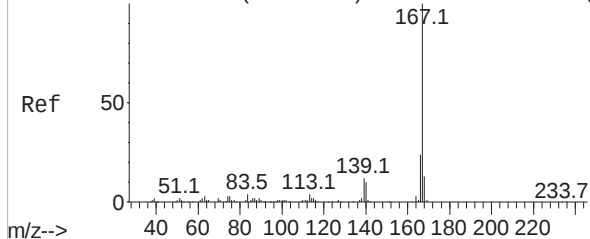


Scan 2433 (17.636 min): BG048516.D\data.ms (-2433) (-)
 Anthracene
 Concen: 5.80 ng
 RT: 17.639 min Scan# 2434
 Delta R.T. -0.000 min
 Lab File: BG048528.D
 Acq: 31 Mar 2021 14:32

Tgt Ion:	178	Resp:	36546
Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.1	21.1
179	14.1	11.9	17.9



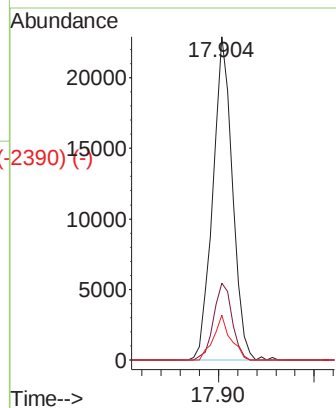
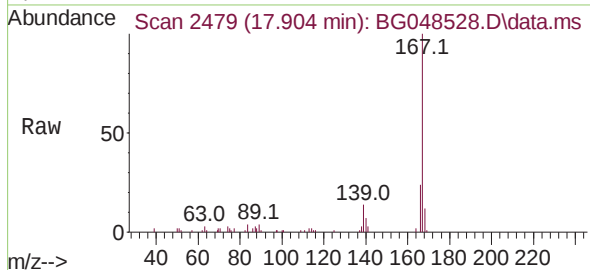
Abundance Scan 2479 (17.906 min): BG048516.D\data.ms (-2479) (-)



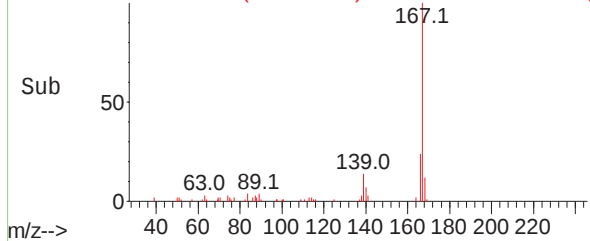
Carbazole
Concen: 5.43 ng
RT: 17.904 min Scan# 2479
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

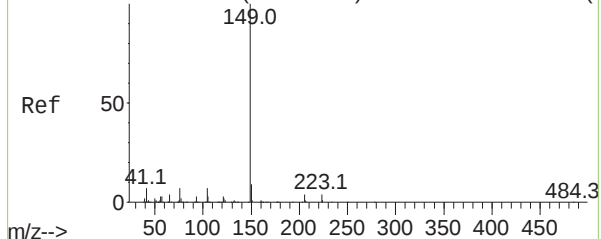
Tgt Ion:	167	Resp:	32449
Ion	Ratio	Lower	Upper
167	100		
166	23.8	19.0	28.6
139	13.9	10.0	15.0



Abundance Scan 2479 (17.904 min): BG048528.D\data.ms (-2390) (-)

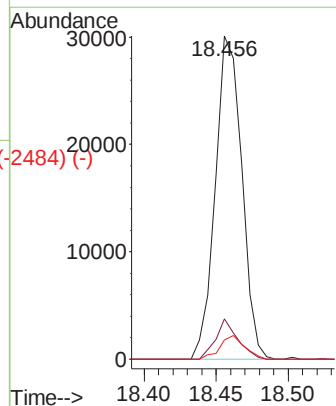
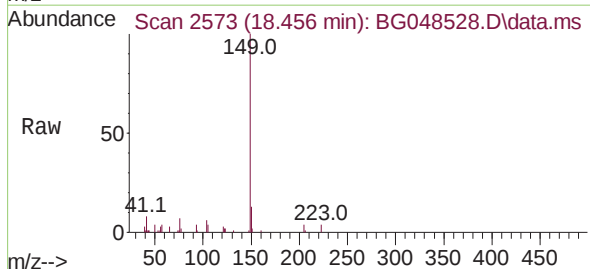


Abundance Scan 2573 (18.459 min): BG048516.D\data.ms (-2573) (-)

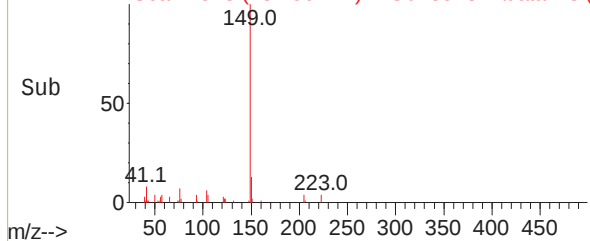


Di-n-butylphthalate
Concen: 5.75 ng
RT: 18.456 min Scan# 2573
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Tgt Ion:	149	Resp:	38393
Ion	Ratio	Lower	Upper
149	100		
150	12.5	7.0	10.4#
104	5.9	5.9	8.9#



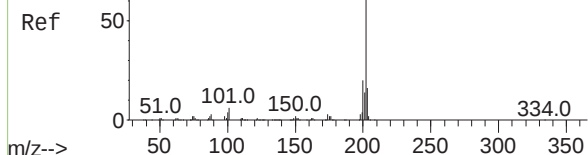
Abundance Scan 2573 (18.456 min): BG048528.D\data.ms (-2484) (-)



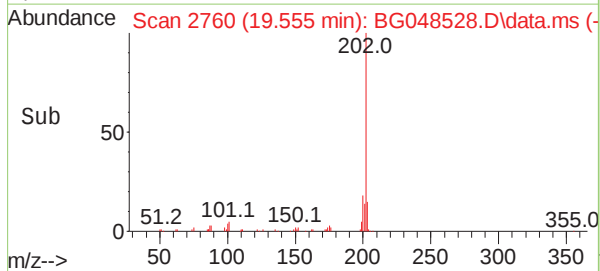
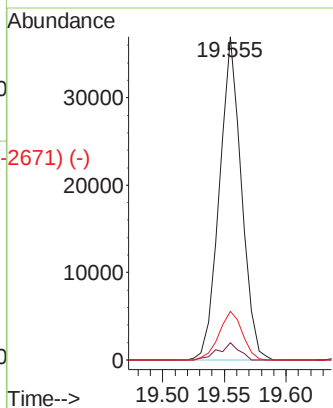
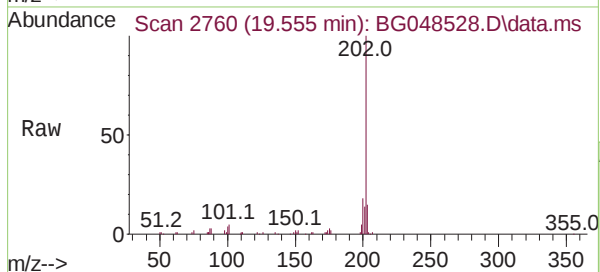
Abundance Scan 2760 (19.557 min): BG048516.D\data.ms (-2755) (-)

Fluoranthene
Concen: 5.85 ng
RT: 19.555 min Scan# 2760
Delta R.T. -0.006 min
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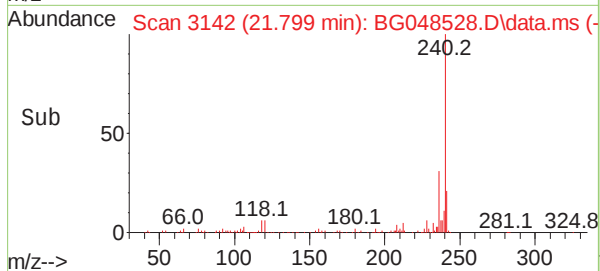
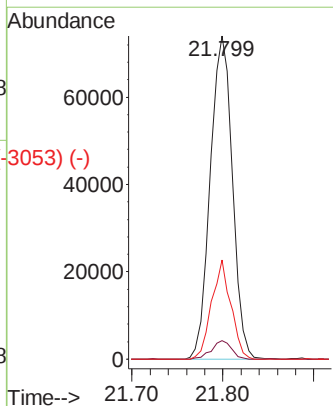
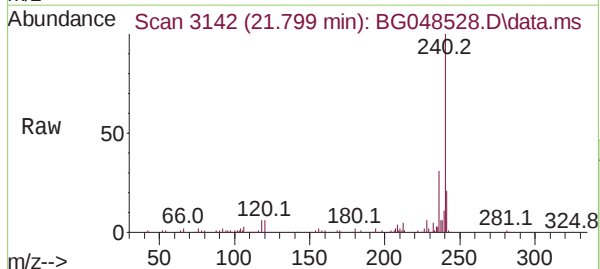
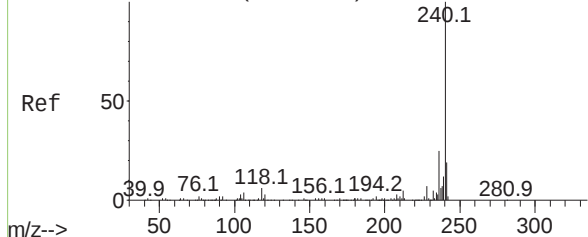
Tgt Ion:	202	Resp:	45857
Ion	Ratio	Lower	Upper
202	100		
101	5.2	0.0	25.8
203	15.1	0.0	36.4



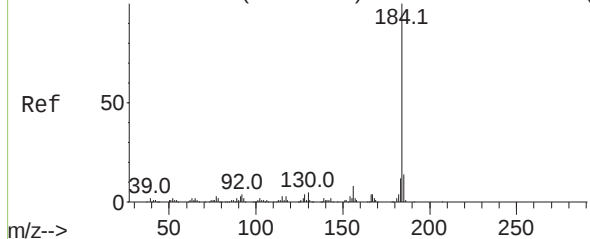
Abundance Scan 3142 (21.802 min): BG048516.D\data.ms (-3134) (-)

Chrysene-d12
Concen: 20.00 ng
RT: 21.799 min Scan# 3142
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Tgt Ion:	240	Resp:	125293
Ion	Ratio	Lower	Upper
240	100		
120	5.7	2.6	3.8#
236	30.8	19.8	29.6#



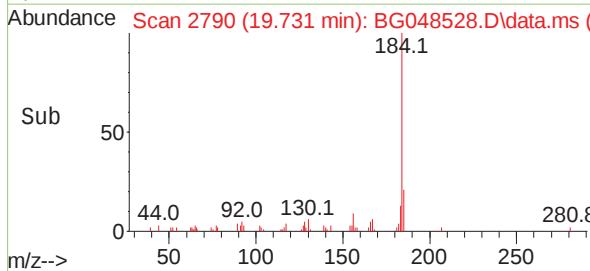
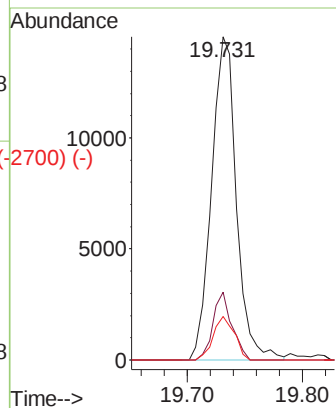
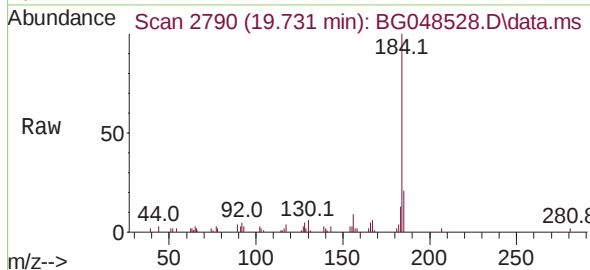
Abundance Scan 2790 (19.734 min): BG048516.D\data.ms (-2770) (-)



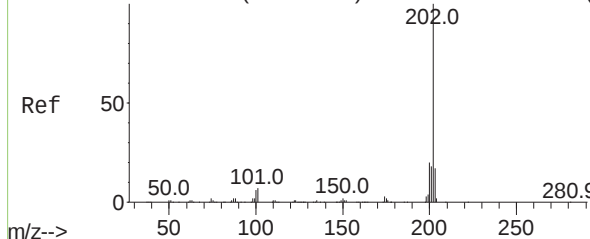
Benzidine
Concen: 5.15 ng
RT: 19.731 min Scan# 2790
Delta R.T. -0.000 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:	184	Resp:	21853
Ion	Ratio	Lower	Upper
184	100		
185	21.0	11.0	16.4#
183	13.4	9.2	13.8

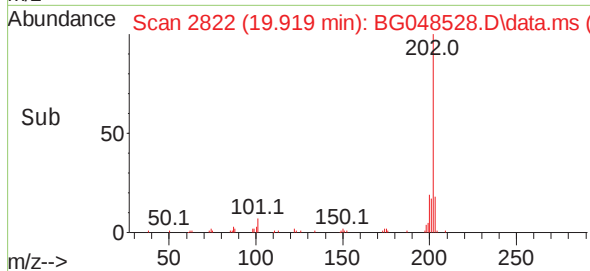
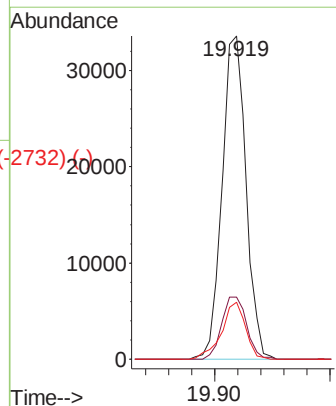
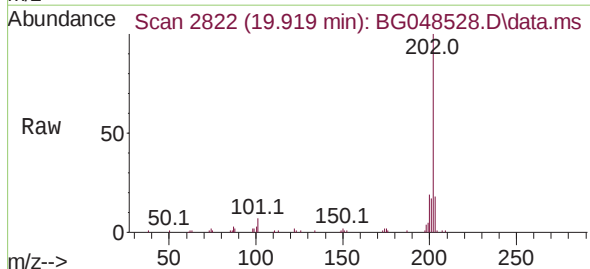


Abundance Scan 2821 (19.916 min): BG048516.D\data.ms (-2770) (-)

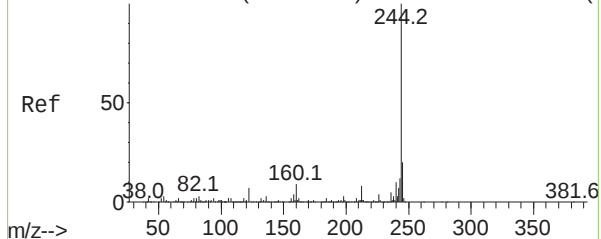


Pyrene
Concen: 5.62 ng
RT: 19.919 min Scan# 2822
Delta R.T. -0.000 min
Lab File: BG048528.D
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Tgt Ion:	202	Resp:	48437
Ion	Ratio	Lower	Upper
202	100		
200	19.3	16.1	24.1
203	17.7	13.6	20.4



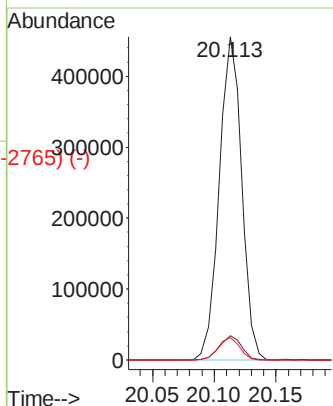
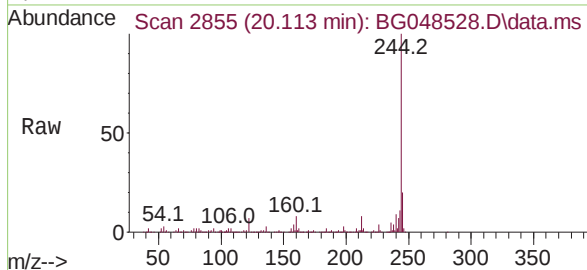
Abundance Scan 2854 (20.110 min): BG048516.D\data.ms (-2679) (-)



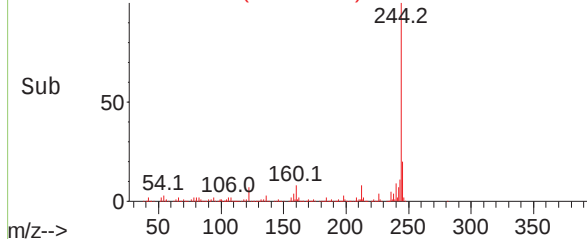
Terphenyl-d14
Concen: 84.21 ng
RT: 20.113 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

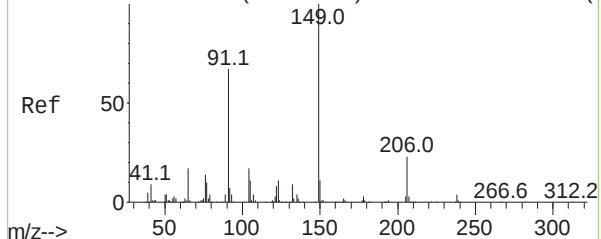
Tgt Ion:	244	Resp:	576921
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	6.9	5.8	8.6



Abundance Scan 2855 (20.113 min): BG048528.D\data.ms (-2765) (-)

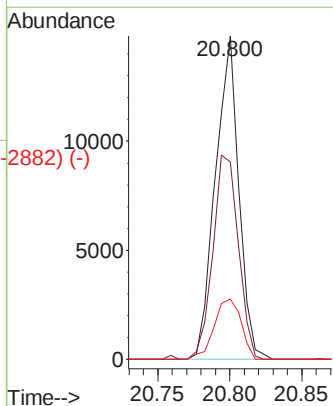
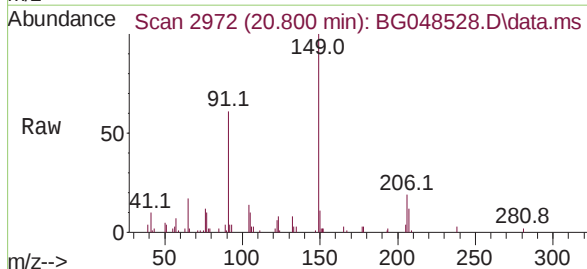


Abundance Scan 2971 (20.797 min): BG048516.D\data.ms (-2686) (-)

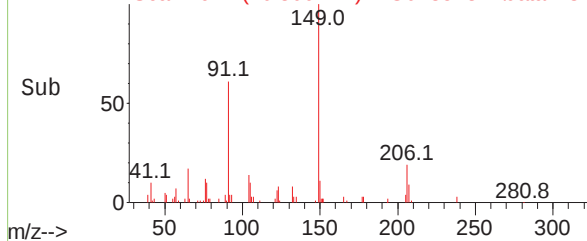


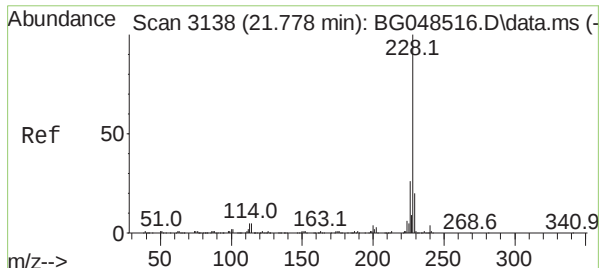
Butylbenzylphthalate
Concen: 5.21 ng
RT: 20.800 min Scan# 2972
Delta R.T. -0.000 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Tgt Ion:	149	Resp:	16673
Ion	Ratio	Lower	Upper
149	100		
91	61.0	53.6	80.4
206	18.5	18.3	27.5



Abundance Scan 2972 (20.800 min): BG048528.D\data.ms (-2882) (-)

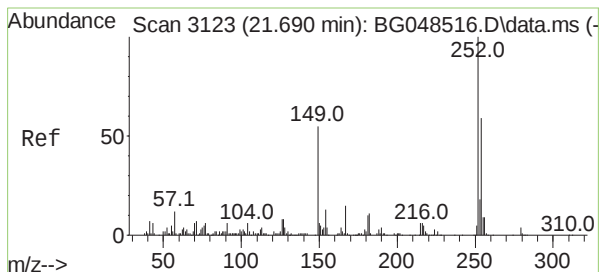
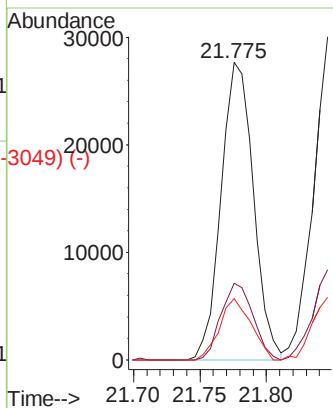
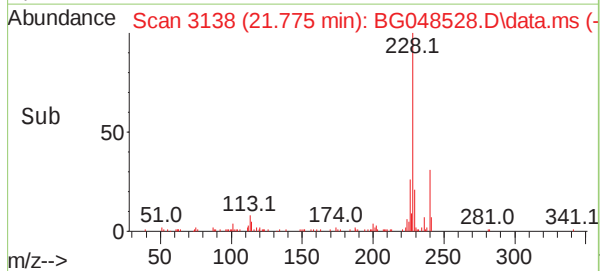
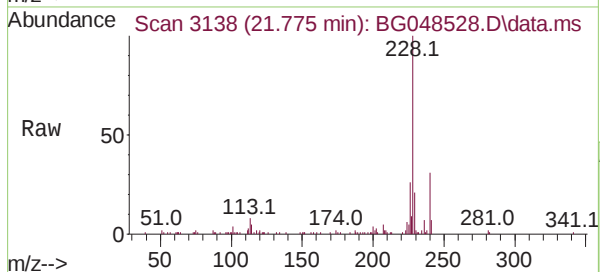




Scan 3138 (21.778 min): BG048516.D\data.ms (-3129) (-)
 Benzo(a)anthracene
 Concen: 5.59 ng
 RT: 21.775 min Scan# 3138
 Delta R.T. -0.006 min
 Lab File: BG048528.D
 Acq: 31 Mar 2021 14:32

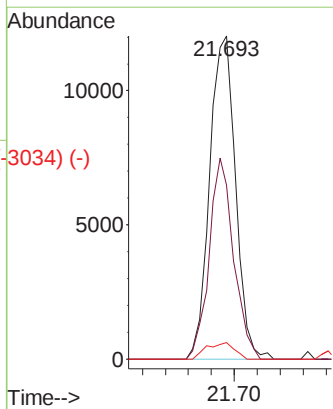
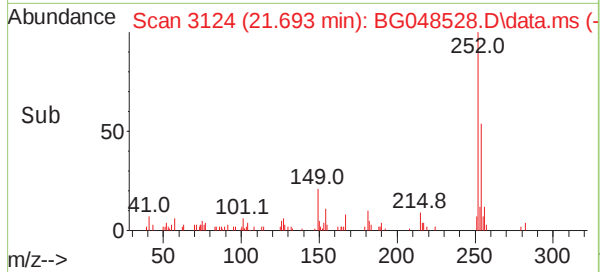
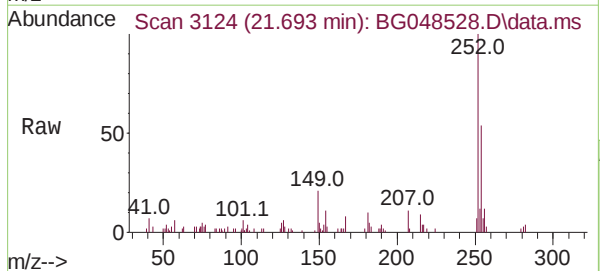
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

Tgt Ion:	228	Resp:	46827
Ion	Ratio	Lower	Upper
228	100		
226	25.8	20.6	30.8
229	20.6	15.8	23.8



Scan 3123 (21.690 min): BG048516.D\data.ms (-3129) (-)
 3,3'-Dichlorobenzidine
 Concen: 6.55 ng
 RT: 21.693 min Scan# 3124
 Delta R.T. -0.000 min
 Lab File: BG048528.D
 Acq: 31 Mar 2021 14:32

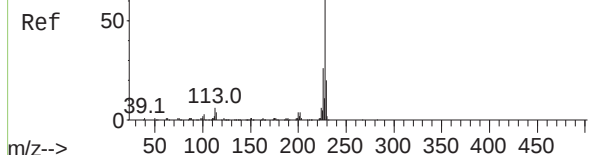
Tgt Ion:	252	Resp:	18835
Ion	Ratio	Lower	Upper
252	100		
254	53.8	47.4	71.2
126	5.2	6.1	9.1#



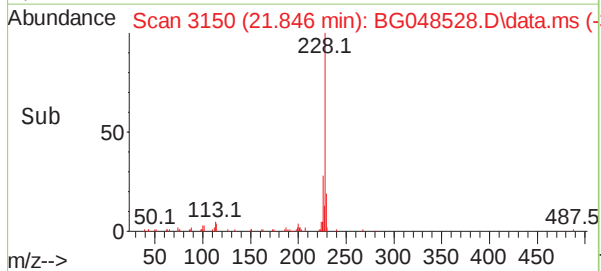
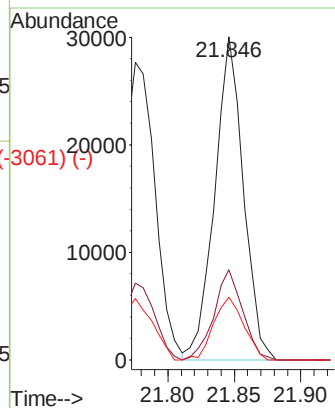
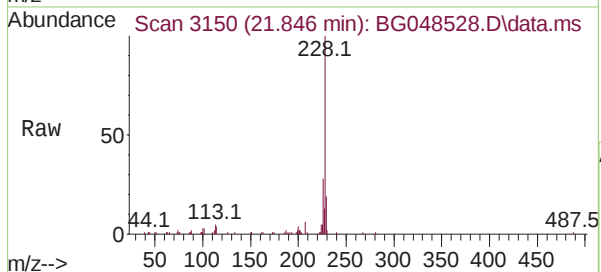
Abundance Scan 3150 (21.849 min): BG048516.D\data.ms (-3184) (-)

Chrysene
Concen: 5.62 ng
RT: 21.846 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

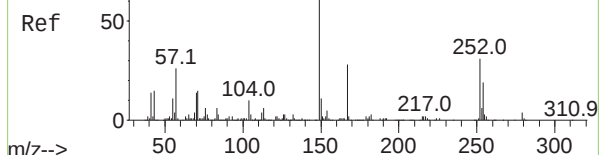


Tgt Ion:	228	Resp:	44908
Ion	Ratio	Lower	Upper
228	100		
226	28.0	20.6	31.0
229	19.4	16.3	24.5

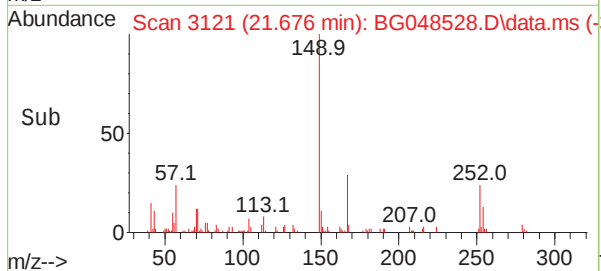
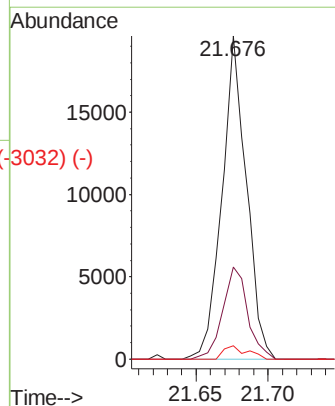
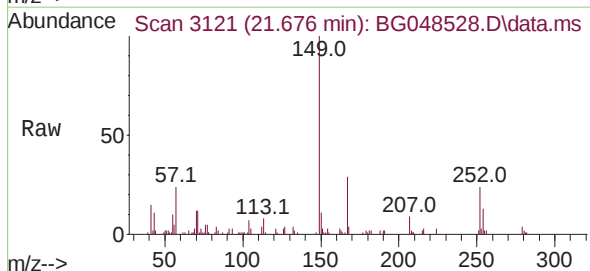


Abundance Scan 3121 (21.678 min): BG048516.D\data.ms (-3184) (-)

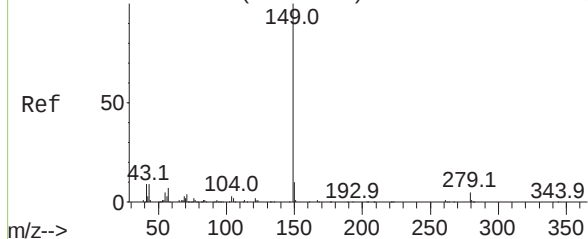
Bis(2-ethylhexyl)phthalate
Concen: 5.17 ng
RT: 21.676 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32



Tgt Ion:	149	Resp:	23042
Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.4	33.6
279	4.1	3.4	5.2



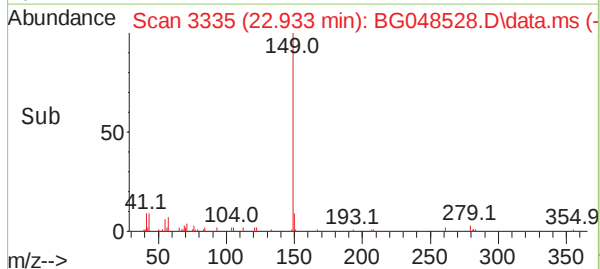
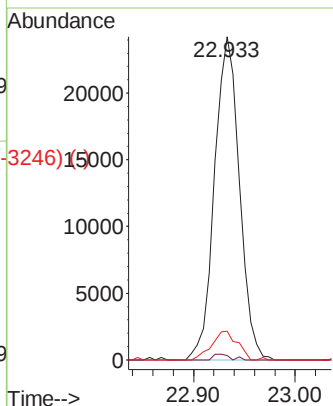
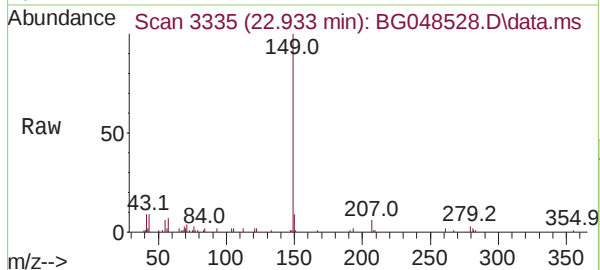
Abundance Scan 3335 (22.936 min): BG048516.D\data.ms (-3325) (-)



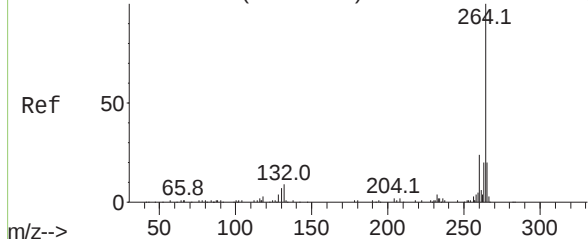
Di-n-octyl phthalate
Concen: 5.31 ng
RT: 22.933 min Scan# 3335
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:	149	Resp:	41223
Ion	Ratio	Lower	Upper
149	100		
167	1.2	1.2	1.8#
43	9.1	7.4	11.0

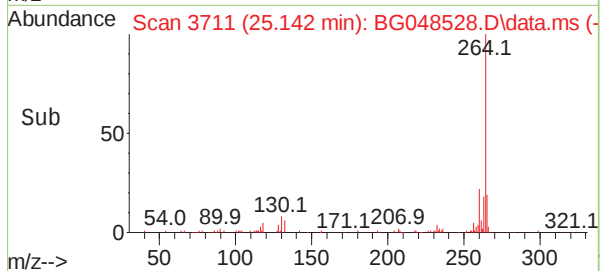
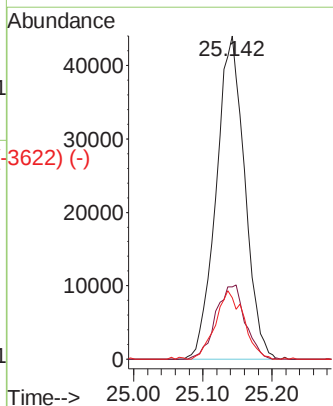
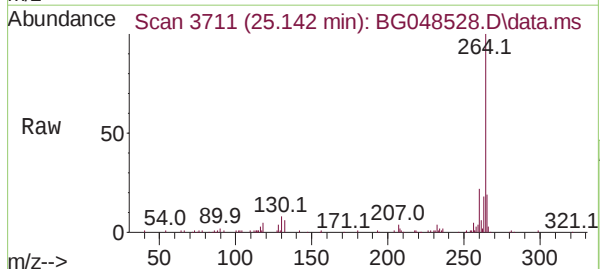


Abundance Scan 3711 (25.145 min): BG048516.D\data.ms (-3696) (-)

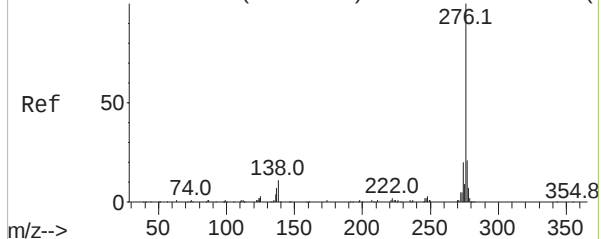


Perylene-d12
Concen: 20.00 ng
RT: 25.142 min Scan# 3711
Delta R.T. -0.006 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Tgt Ion:	264	Resp:	126092
Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.1	28.7
265	19.0	16.1	24.1



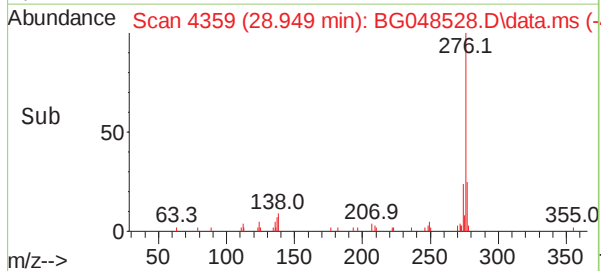
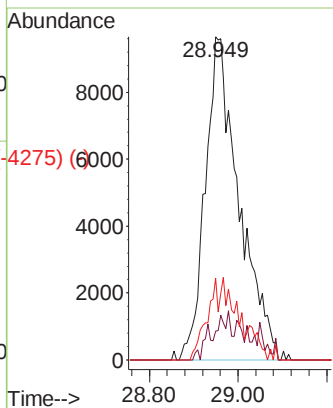
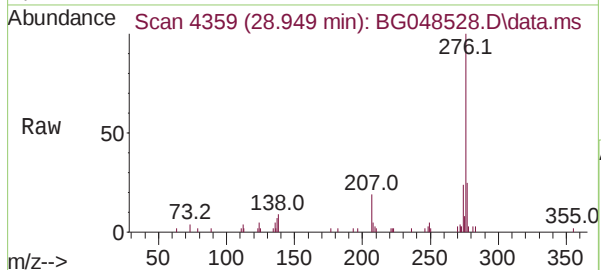
Abundance Scan 4363 (28.976 min): BG048516.D\data.ms (-4363) (-)



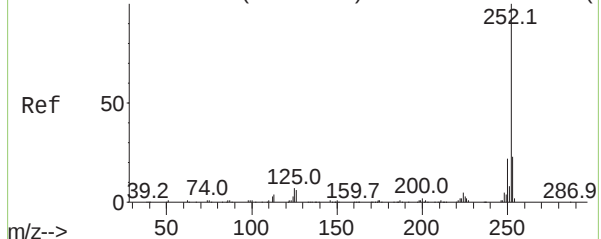
Indeno(1,2,3-cd)pyrene
Concen: 5.78 ng
RT: 28.949 min Scan# 4359
Delta R.T. -0.036 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	2.7	7.8	11.8#
277	8.8	0.0	0.0#

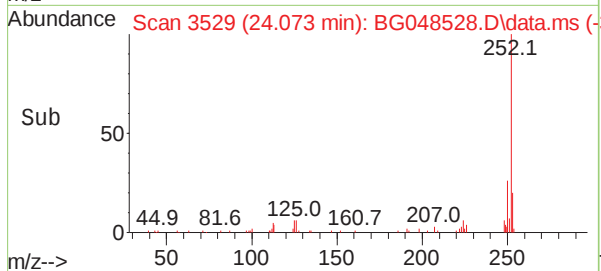
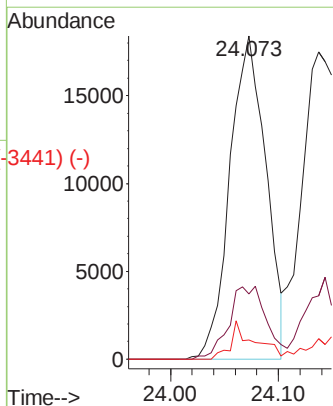
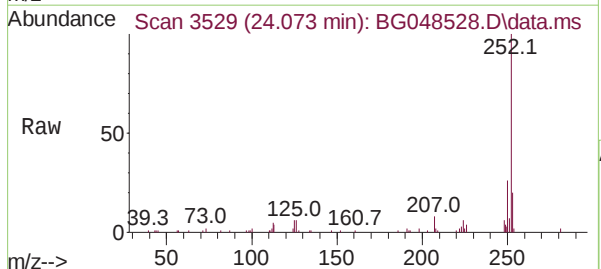


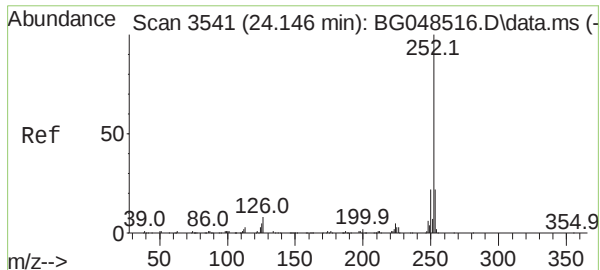
Abundance Scan 3529 (24.076 min): BG048516.D\data.ms (-3529) (-)



Benzo(b)fluoranthene
Concen: 5.24 ng
RT: 24.073 min Scan# 3529
Delta R.T. -0.012 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.1	18.2	27.4
125	5.8	5.3	7.9

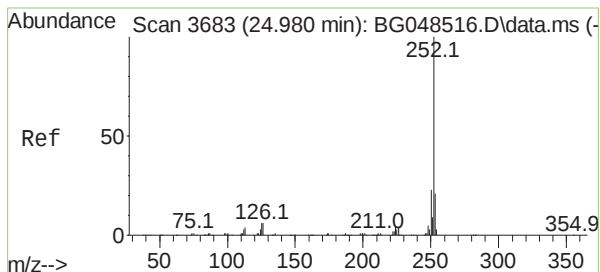
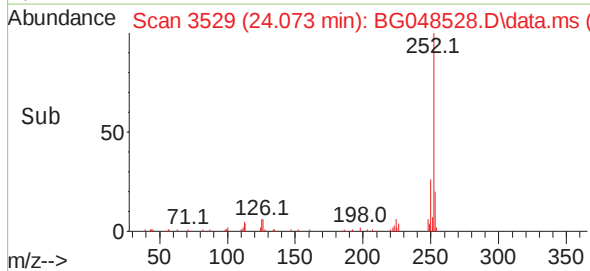
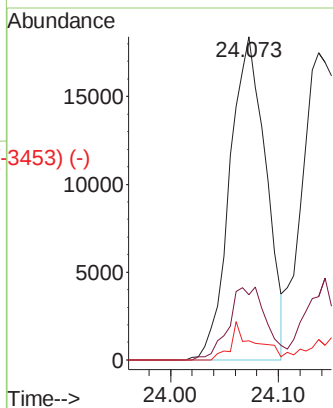
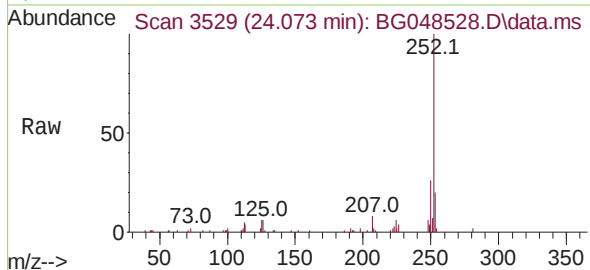




Benzo(k)fluoranthene
 Concen: 5.45 ng
 RT: 24.073 min Scan# 3529
 Delta R.T. -0.083 min
 Lab File: BG048528.D
 Acq: 31 Mar 2021 14:32

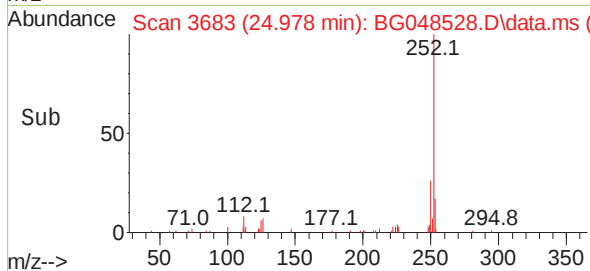
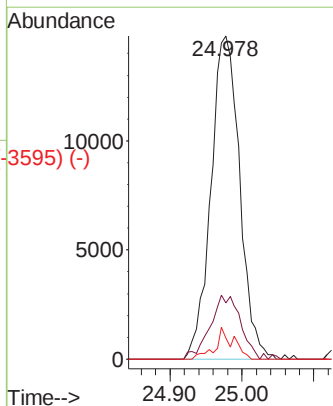
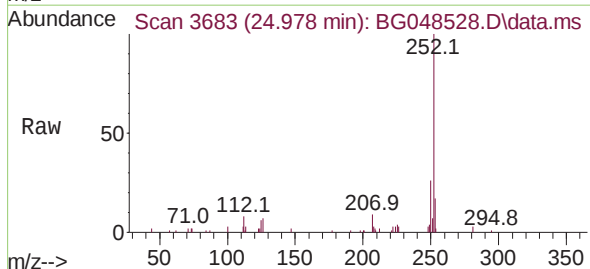
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

Tgt Ion:	252	Resp:	42890
Ion	Ratio	Lower	Upper
252	100		
253	20.1	17.9	26.9
125	5.8	3.9	5.9



Benzo(a)pyrene
 Concen: 5.44 ng
 RT: 24.978 min Scan# 3683
 Delta R.T. -0.012 min
 Lab File: BG048528.D
 Acq: 31 Mar 2021 14:32

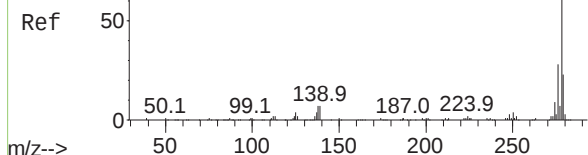
Tgt Ion:	252	Resp:	41097
Ion	Ratio	Lower	Upper
252	100		
253	17.5	17.1	25.7
125	6.5	4.4	6.6



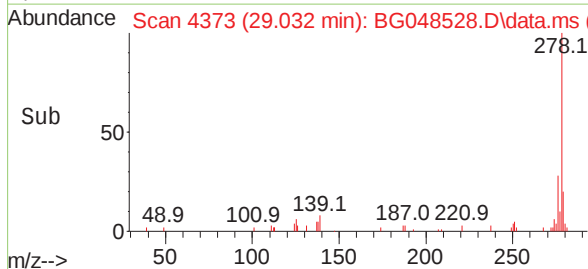
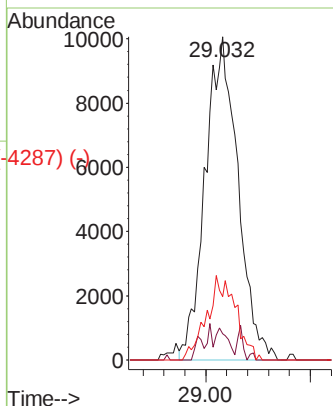
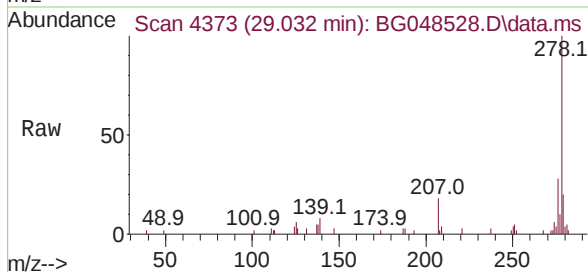
Abundance Scan 4374 (29.040 min): BG048516.D\data.ms (-4374) (-)

Dibenzo(a,h)anthracene
Concen: 5.77 ng
RT: 29.032 min Scan# 4373
Delta R.T. -0.024 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

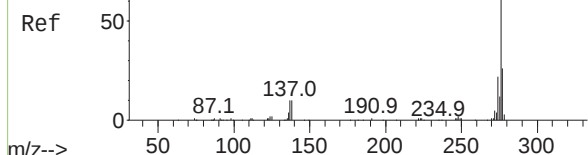


Tgt Ion:	278	Resp:	43540
Ion Ratio	Lower	Upper	
278	100		
139	8.1	5.8	8.6
279	19.7	18.6	28.0



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

Benzo(g,h,i)perylene
Concen: 5.71 ng
RT: 30.154 min Scan# 4564
Delta R.T. -0.036 min
Lab File: BG048528.D
Acq: 31 Mar 2021 14:32



Tgt Ion:	276	Resp:	42190
Ion Ratio	Lower	Upper	
276	100		
277	28.0	20.4	30.6
138	15.7	8.1	12.1#

