

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033121\
 Data File : BG048529.D
 Acq On : 31 Mar 2021 15:54
 Operator : CG/JU
 Sample : M1458-02
 Misc : LOQ-SOIL-10PPM
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 31 16:30:09 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	8.096	152	17576	20.00	ng	# 0.00
21) Naphthalene-d8	10.922	136	74244	20.00	ng	# 0.00
39) Acenaphthene-d10	14.747	164	52780	20.00	ng	0.00
64) Phenanthrene-d10	17.503	188	120955	20.00	ng	# 0.00
76) Chrysene-d12	21.797	240	123811	20.00	ng	# 0.00
86) Perylene-d12	25.141	264	127224	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	97759	98.20	ng	0.00
7) Phenol-d6	7.244	99	135152	93.61	ng	0.00
23) Nitrobenzene-d5	9.265	82	117637	76.71	ng	0.00
42) 2,4,6-Tribromophenol	16.239	330	62476	90.05	ng	0.00
45) 2-Fluorobiphenyl	13.372	172	276857	77.97	ng	0.00
79) Terphenyl-d14	20.111	244	506670	74.84	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.513	88	5026	12.55	ng	92
3) Pyridine	3.924	79	10533	10.49	ng	96
4) n-Nitrosodimethylamine	3.830	42	7129	10.87	ng	# 86
6) Aniline	7.414	93	18887	11.39	ng	# 92
8) 2-Chlorophenol	7.655	128	11782	10.47	ng	97
9) Benzaldehyde	7.232	77	11125	12.05	ng	97
10) Phenol	7.273	94	16528	11.43	ng	97
11) bis(2-Chloroethyl)ether	7.514	93	11537	11.50	ng	85
12) 1,3-Dichlorobenzene	7.984	146	13929	10.99	ng	95
13) 1,4-Dichlorobenzene	7.984	146	13929	10.90	ng	96
14) 1,2-Dichlorobenzene	8.454	146	13936	11.39	ng	91
15) Benzyl Alcohol	8.331	79	12587	10.64	ng	# 84
16) 2,2'-oxybis(1-Chloropr...	8.625	45	10823	11.19	ng	89
17) 2-Methylphenol	8.537	107	10743	11.49	ng	87
18) Hexachloroethane	9.195	117	5301	11.16	ng	# 82
19) n-Nitroso-di-n-propyla...	8.901	70	11278	11.33	ng	# 84
20) 3+4-Methylphenols	8.866	107	14709	11.33	ng	# 78
22) Acetophenone	8.918	105	21114	11.03	ng	# 96
24) Nitrobenzene	9.312	77	17012	11.30	ng	# 88
25) Isophorone	9.829	82	28150	9.94	ng	# 92
26) 2-Nitrophenol	10.023	139	7323	10.59	ng	# 90
27) 2,4-Dimethylphenol	10.082	122	11747	10.80	ng	# 85
28) bis(2-Chloroethoxy)met...	10.317	93	15371	11.84	ng	94
29) 2,4-Dichlorophenol	10.564	162	11513	9.34	ng	80
30) 1,2,4-Trichlorobenzene	10.787	180	15324	10.82	ng	98
31) Naphthalene	10.975	128	41672	10.92	ng	# 95
32) Benzoic acid	10.146	122	5433	6.49	ng	# 88
33) 4-Chloroaniline	11.075	127	17144	10.64	ng	# 93
34) Hexachlorobutadiene	11.257	225	11702	11.32	ng	93
35) Caprolactam	11.821	113	4129	9.19	ng	# 50
36) 4-Chloro-3-methylphenol	12.191	107	13413	9.69	ng	94
37) 2-Methylnaphthalene	12.579	142	31772	10.45	ng	97
38) 1-Methylnaphthalene	12.796	142	29685	10.24	ng	94
40) 1,2,4,5-Tetrachloroben...	12.943	216	17913	10.95	ng	97
41) Hexachlorocyclopentadiene	12.926	237	11617	12.26	ng	86

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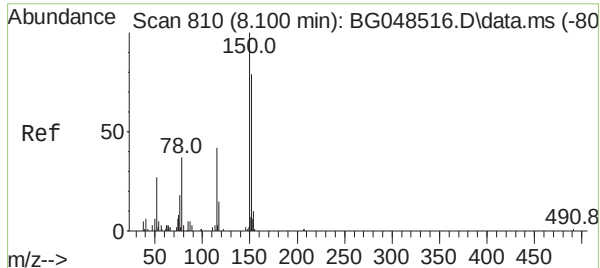
Quant Time: Mar 31 16:30:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 31 11:41:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.172	196	11932	10.61	ng	# 82
44) 2,4,5-Trichlorophenol	13.249	196	12196	10.14	ng	94
46) 1,1'-Biphenyl	13.578	154	41791	10.84	ng	96
47) 2-Chloronaphthalene	13.625	162	33147	11.28	ng	95
48) 2-Nitroaniline	13.819	65	9523	10.20	ng	88
49) Acenaphthylene	14.471	152	49646	10.78	ng	99
50) Dimethylphthalate	14.189	163	42388	10.82	ng	98
51) 2,6-Dinitrotoluene	14.312	165	8500	9.48	ng	91
52) Acenaphthene	14.812	154	34397	10.32	ng	95
53) 3-Nitroaniline	14.641	138	8957	10.19	ng	# 92
54) 2,4-Dinitrophenol	14.847	184	4329	8.59	ng	91
55) Dibenzofuran	15.146	168	49786	10.23	ng	# 95
56) 4-Nitrophenol	14.947	139	6734	9.49	ng	# 80
57) 2,4-Dinitrotoluene	15.094	165	13046	10.29	ng	94
58) Fluorene	15.799	166	42386	10.41	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.370	232	12137	10.34	ng	# 97
60) Diethylphthalate	15.552	149	43380	10.78	ng	97
61) 4-Chlorophenyl-phenyle...	15.787	204	22548	10.29	ng	98
62) 4-Nitroaniline	15.805	138	9450	10.28	ng	90
63) Azobenzene	16.081	77	39604	10.00	ng	94
65) 4,6-Dinitro-2-methylph...	15.863	198	6863	9.44	ng	94
66) n-Nitrosodiphenylamine	15.998	169	35252	10.24	ng	# 90
67) 4-Bromophenyl-phenylether	16.686	248	14022	10.46	ng	94
68) Hexachlorobenzene	16.803	284	14610	10.44	ng	94
69) Atrazine	16.938	200	14217	10.13	ng	91
70) Pentachlorophenol	17.144	266	8298	9.54	ng	93
71) Phenanthrene	17.544	178	69009	10.99	ng	98
72) Anthracene	17.632	178	71477	11.42	ng	98
73) Carbazole	17.902	167	63327	10.67	ng	# 94
74) Di-n-butylphthalate	18.454	149	75428	11.38	ng	98
75) Fluoranthene	19.553	202	87657	11.26	ng	97
77) Benzidine	19.729	184	44083	10.51	ng	97
78) Pyrene	19.917	202	90350	10.61	ng	99
80) Butylbenzylphthalate	20.799	149	33795	10.69	ng	96
81) Benzo(a)anthracene	21.780	228	88405	10.69	ng	96
82) 3,3'-Dichlorobenzidine	21.686	252	33663	11.85	ng	# 95
83) Chrysene	21.780	228	88405	11.20	ng	95
84) Bis(2-ethylhexyl)phtha...	21.674	149	45972	10.44	ng	95
85) Di-n-octyl phthalate	22.931	149	84131	10.96	ng	99
87) Indeno(1,2,3-cd)pyrene	28.954	276	97352	10.91	ng	# 91
88) Benzo(b)fluoranthene	24.071	252	89046	10.78	ng	95
89) Benzo(k)fluoranthene	24.142	252	85864	10.81	ng	98
90) Benzo(a)pyrene	24.976	252	78393	10.29	ng	97
91) Dibenzo(a,h)anthracene	29.030	278	83186	10.93	ng	# 95
92) Benzo(g,h,i)perylene	30.141	276	39478	5.30	ng	# 91

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

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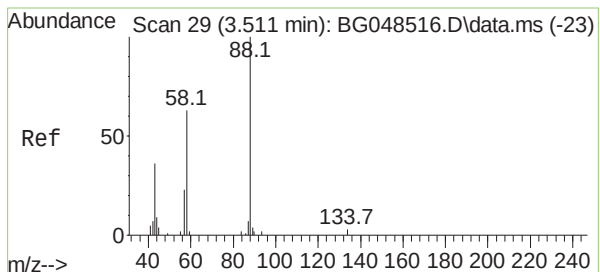
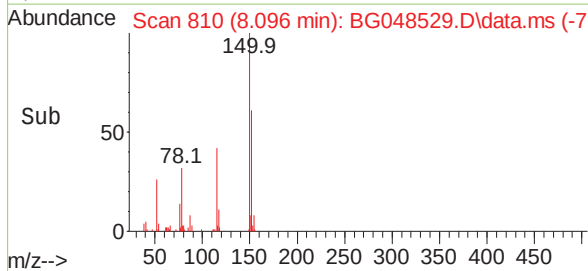
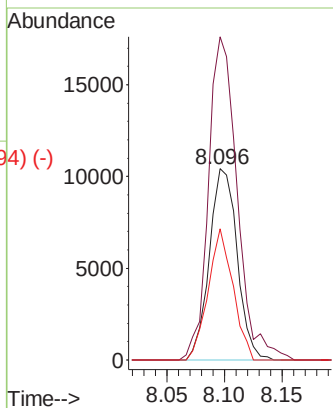
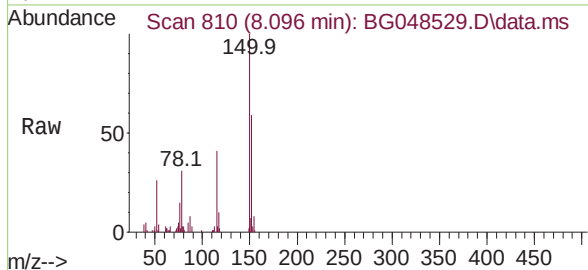




1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.096 min Scan# 810
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

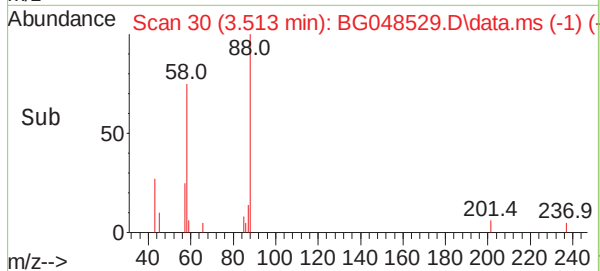
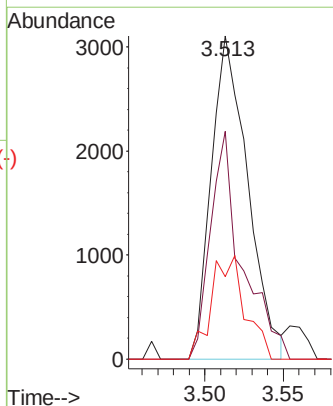
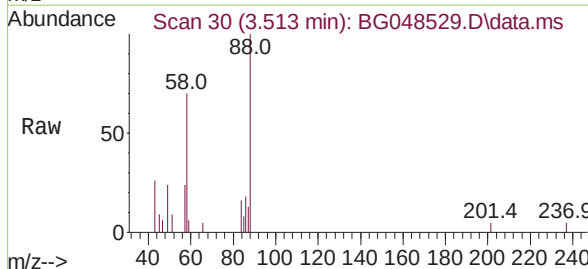
Instrument :
BNA_G
ClientSampleId :
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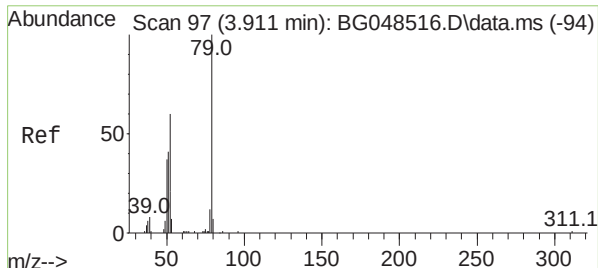
Tgt Ion:152 Resp: 17576
Ion Ratio Lower Upper
152 100
150 168.9 101.3 151.9#
115 68.5 42.3 63.5#



1,4-Dioxane
Concen: 12.55 ng
RT: 3.513 min Scan# 30
Delta R.T. 0.004 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion: 88 Resp: 5026
Ion Ratio Lower Upper
88 100
58 60.8 55.0 82.6
43 29.8 26.2 39.4

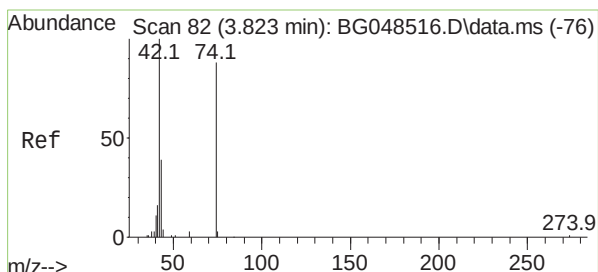
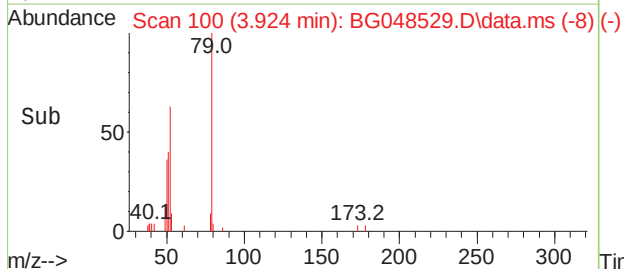
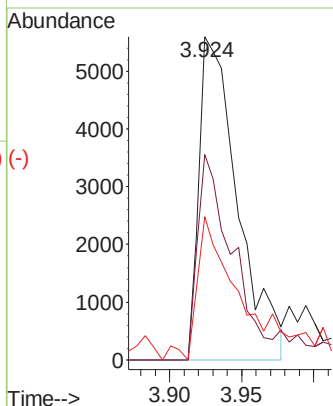
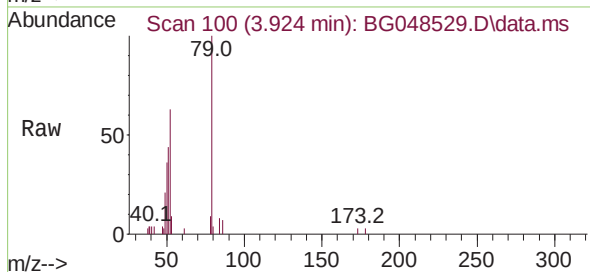




Pyridine
 Concen: 10.49 ng
 RT: 3.924 min Scan# 100
 Delta R.T. 0.010 min
 Lab File: BG048529.D
 Acq: 31 Mar 2021 15:54

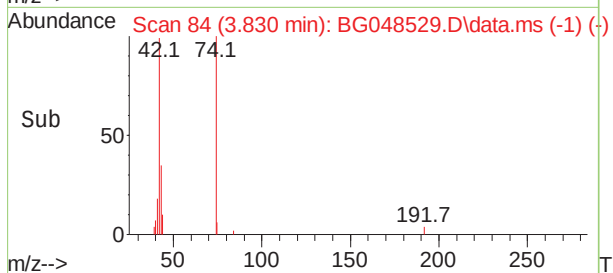
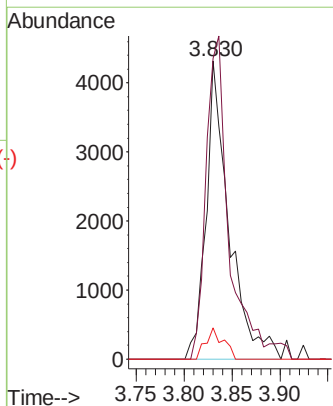
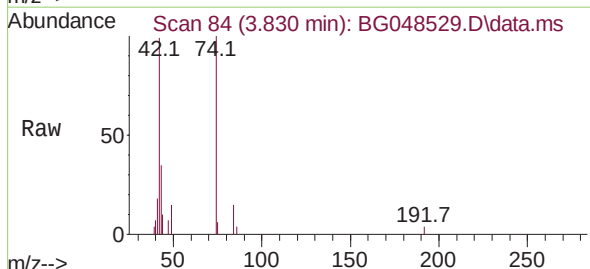
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

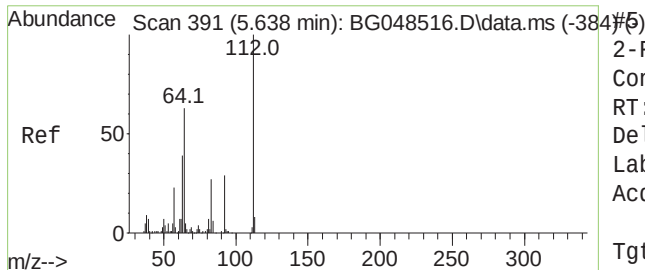
Tgt Ion:	79	Resp:	10533
Ion	Ratio	Lower	Upper
79	100		
52	63.5	48.2	72.2
51	44.4	33.2	49.8



n-Nitrosodimethylamine
 Concen: 10.87 ng
 RT: 3.830 min Scan# 84
 Delta R.T. 0.004 min
 Lab File: BG048529.D
 Acq: 31 Mar 2021 15:54

Tgt Ion:	42	Resp:	7129
Ion	Ratio	Lower	Upper
42	100		
74	100.8	70.6	105.8
44	10.5	3.5	5.3#

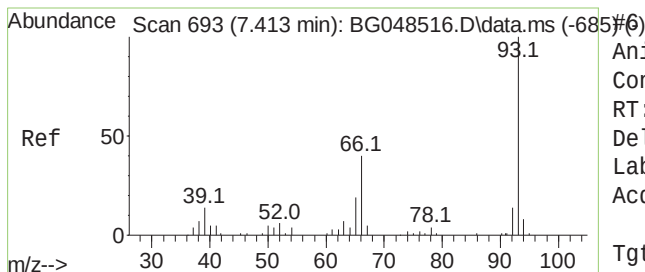
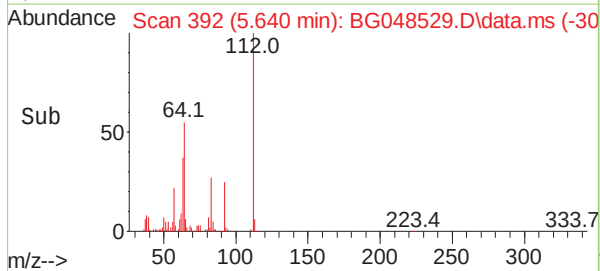
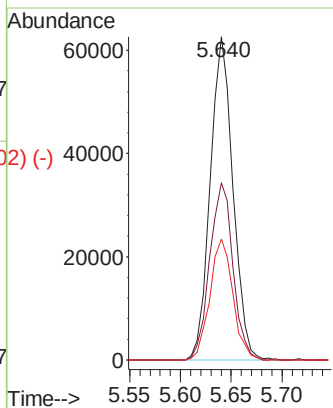
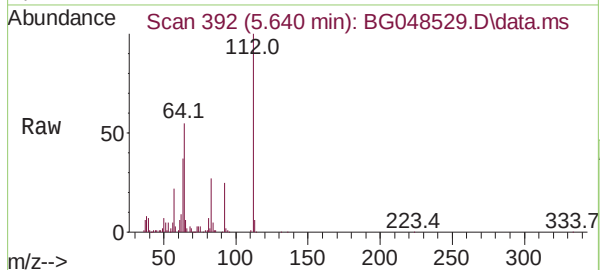




2-Fluorophenol
 Concen: 98.20 ng
 RT: 5.640 min Scan# 392
 Delta R.T. -0.002 min
 Lab File: BG048529.D
 Acq: 31 Mar 2021 15:54

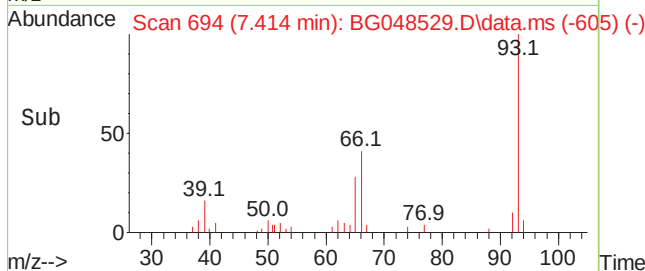
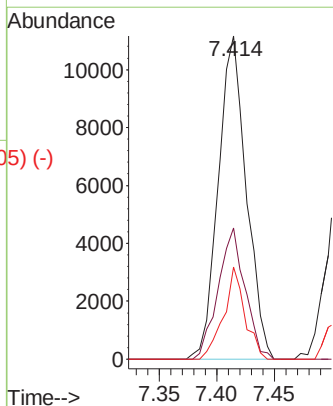
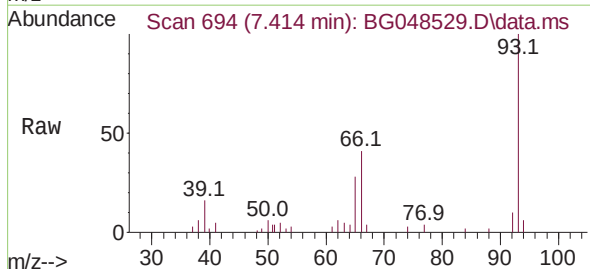
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Tgt Ion:	112	Resp:	97759
Ion	Ratio	Lower	Upper
112	100		
64	54.9	50.4	75.6
63	37.5	31.4	47.2

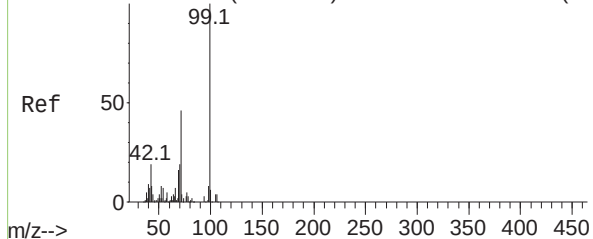


Aniline
 Concen: 11.39 ng
 RT: 7.414 min Scan# 694
 Delta R.T. -0.008 min
 Lab File: BG048529.D
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Tgt Ion:	93	Resp:	18887
Ion	Ratio	Lower	Upper
93	100		
66	40.7	31.8	47.6
65	28.4	15.2	22.8#



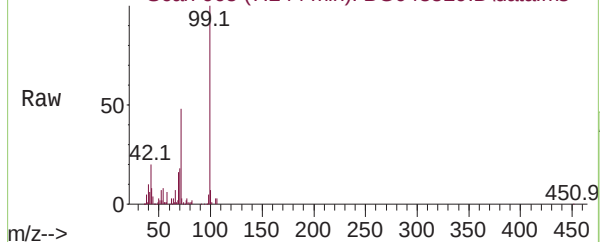
Abundance Scan 665 (7.248 min): BG048516.D\data.ms (-656) #7



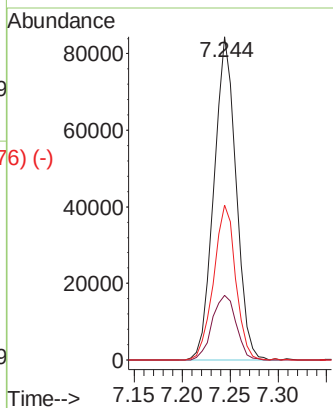
Phenol-d6
Concen: 93.61 ng
RT: 7.244 min Scan# 665
Delta R.T. -0.008 min
Lab File: BG048529.D
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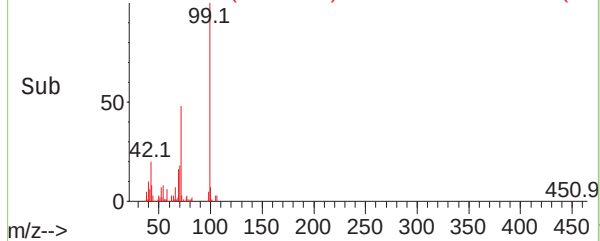
Abundance Scan 665 (7.244 min): BG048529.D\data.ms



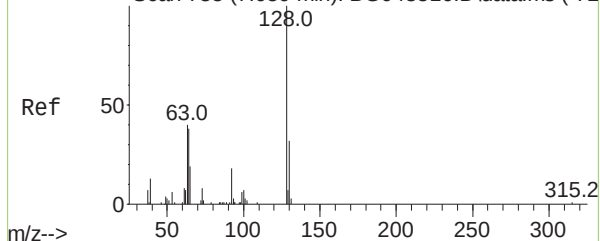
Tgt Ion:	99	Resp:	135152
Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.5	23.3
71	48.0	36.6	54.8



Abundance Scan 665 (7.244 min): BG048529.D\data.ms (-576) (-)



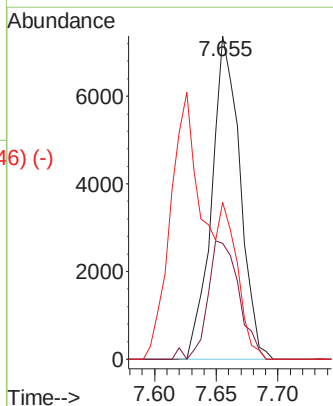
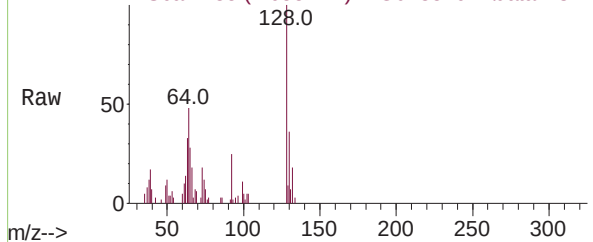
Abundance Scan 735 (7.659 min): BG048516.D\data.ms (-727) #8



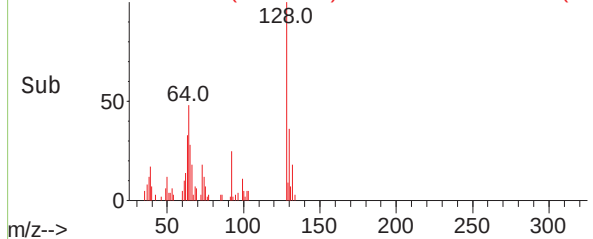
2-Chlorophenol
Concen: 10.47 ng
RT: 7.655 min Scan# 735
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

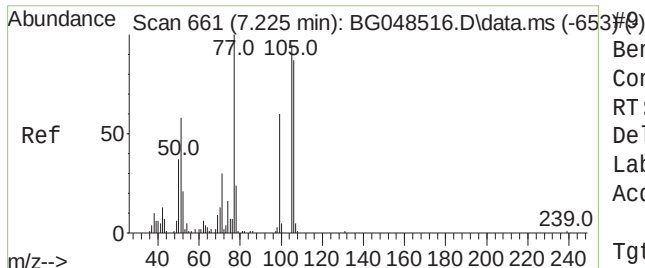
Tgt Ion:	128	Resp:	11782
Ion	Ratio	Lower	Upper
128	100		
130	35.9	12.4	52.4
64	48.5	27.6	67.6

Abundance Scan 735 (7.655 min): BG048529.D\data.ms



Abundance Scan 735 (7.655 min): BG048529.D\data.ms (-646) (-)

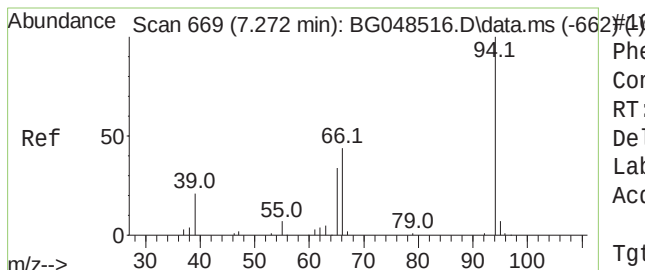
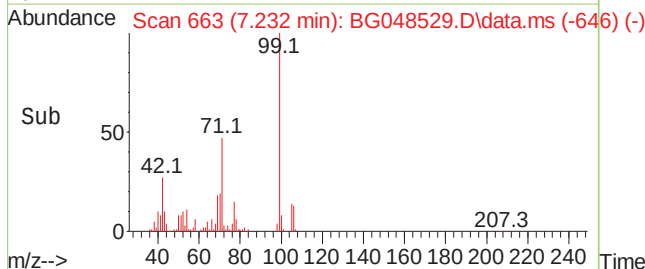
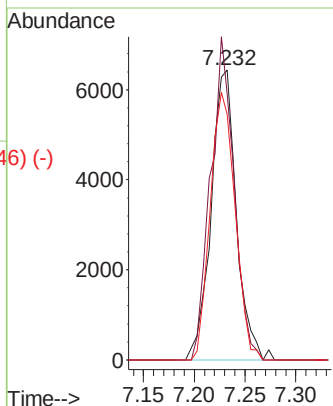
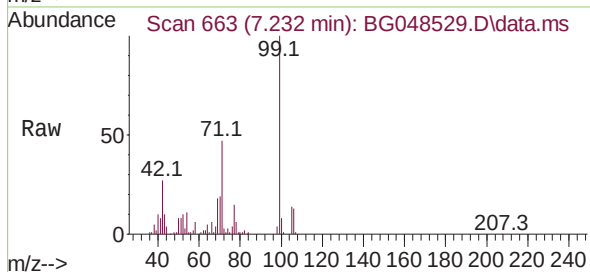




Benzaldehyde
 Concen: 12.05 ng
 RT: 7.232 min Scan# 663
 Delta R.T. -0.002 min
 Lab File: BG048529.D
 Acq: 31 Mar 2021 15:54

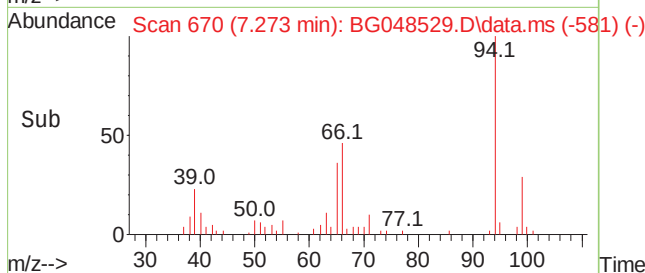
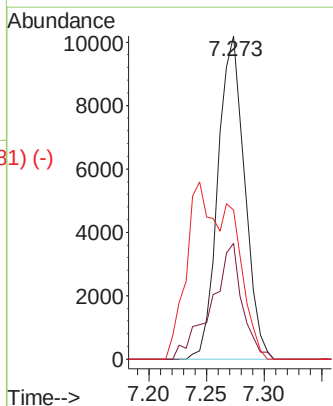
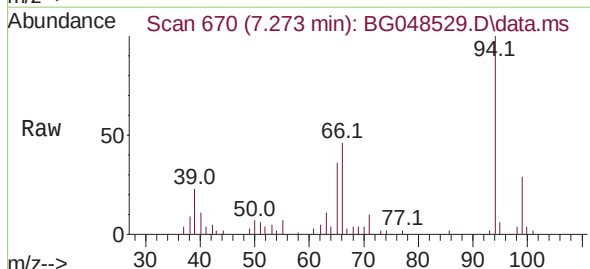
Instrument :
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Tgt Ion:	77	Resp:	11125
Ion	Ratio	Lower	Upper
77	100		
105	91.9	75.2	115.2
106	84.7	66.5	106.5

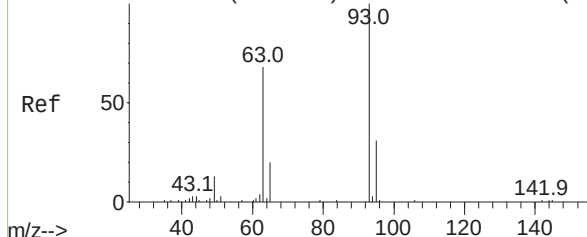


Phenol
 Concen: 11.43 ng
 RT: 7.273 min Scan# 670
 Delta R.T. -0.008 min
 Lab File: BG048529.D
 Acq: 31 Mar 2021 15:54

Tgt Ion:	94	Resp:	16528
Ion	Ratio	Lower	Upper
94	100		
65	35.9	15.1	55.1
66	46.1	28.9	68.9



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

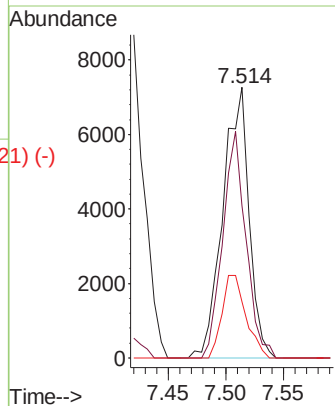
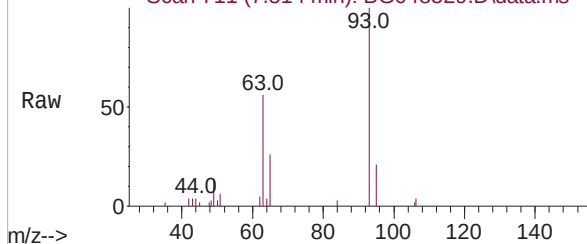


bis(2-Chloroethyl)ether
Concen: 11.50 ng
RT: 7.514 min Scan# 711
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

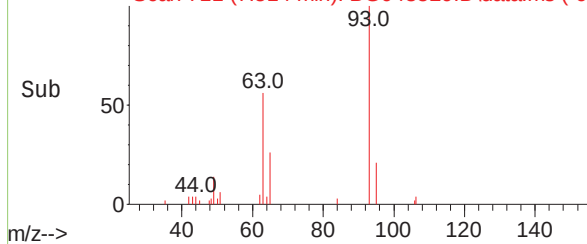
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Tgt Ion:	93	Resp:	11537
Ion	Ratio	Lower	Upper
93	100		
63	56.2	47.5	87.5
95	20.9	11.1	51.1

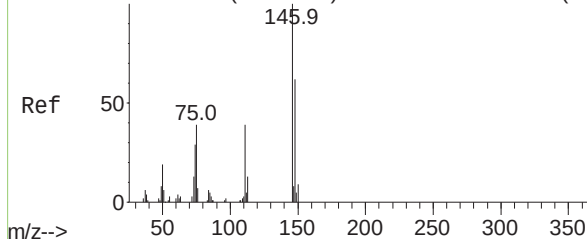
Abundance Scan 711 (7.514 min): BG048529.D\data.ms



Abundance Scan 711 (7.514 min): BG048529.D\data.ms (-621) (-)



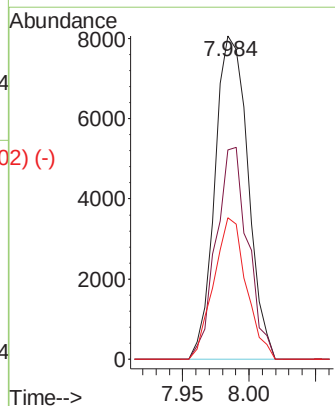
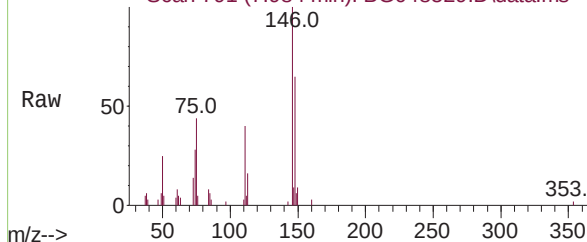
Abundance Scan 790 (7.983 min): BG048516.D\data.ms (-783) #12



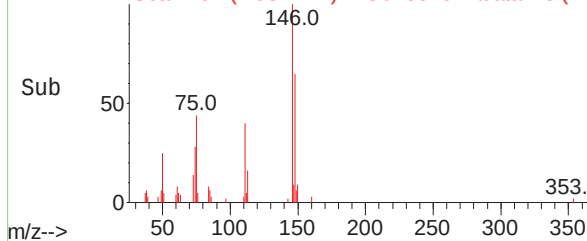
1,3-Dichlorobenzene
Concen: 10.99 ng
RT: 7.984 min Scan# 791
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:	146	Resp:	13929
Ion	Ratio	Lower	Upper
146	100		
148	64.8	49.7	74.5
75	43.7	30.9	46.3

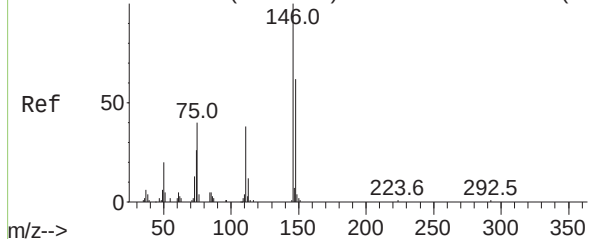
Abundance Scan 791 (7.984 min): BG048529.D\data.ms



Abundance Scan 791 (7.984 min): BG048529.D\data.ms (-702) (-)



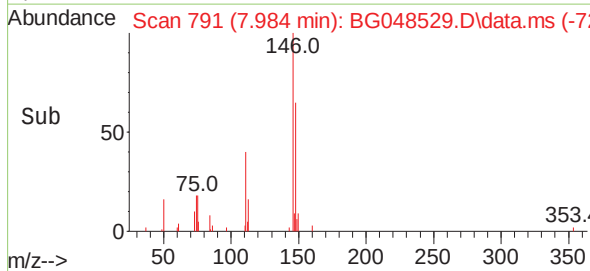
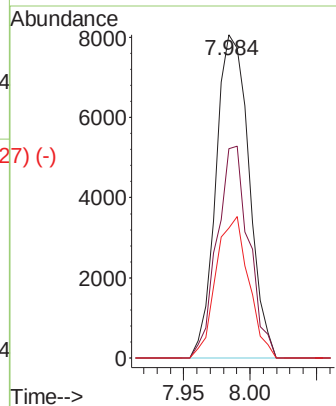
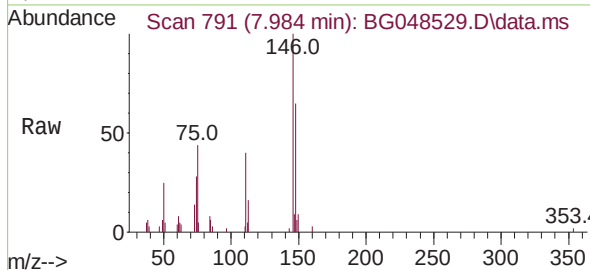
Abundance Scan 815 (8.130 min): BG048516.D\data.ms (-806) #13



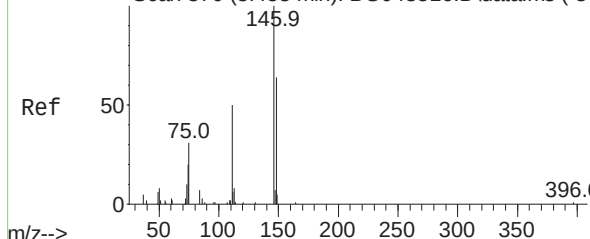
1,4-Dichlorobenzene
Concen: 10.90 ng
RT: 7.984 min Scan# 791
Delta R.T. -0.155 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

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

Tgt Ion:	146	Resp:	13929
Ion	Ratio	Lower	Upper
146	100		
148	64.8	49.7	74.5
111	40.3	30.5	45.7

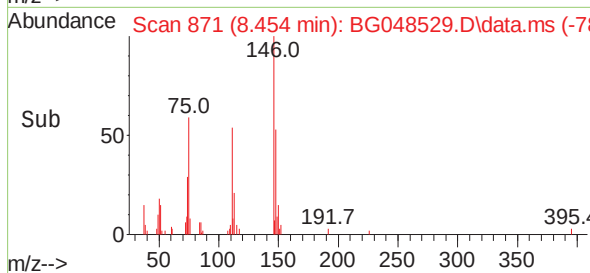
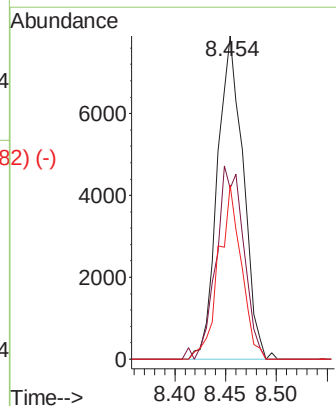
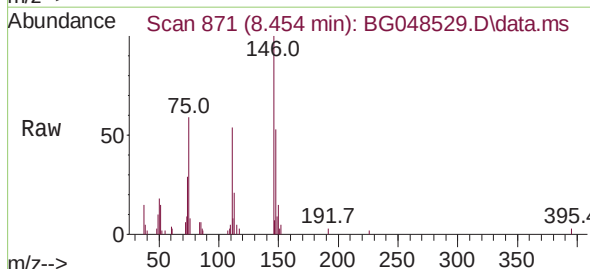


Abundance Scan 870 (8.453 min): BG048516.D\data.ms (-864) #14

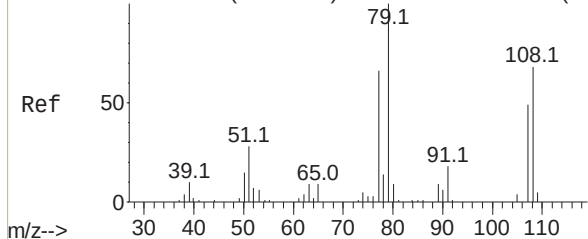


1,2-Dichlorobenzene
Concen: 11.39 ng
RT: 8.454 min Scan# 871
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:	146	Resp:	13936
Ion	Ratio	Lower	Upper
146	100		
148	52.8	51.5	77.3
111	53.9	41.8	62.8



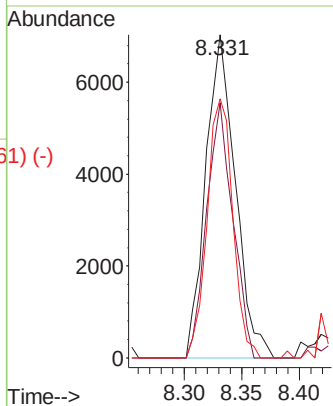
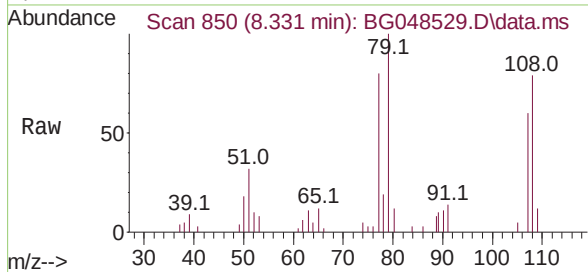
Abundance Scan 850 (8.335 min): BG048516.D\data.ms (-842) #15



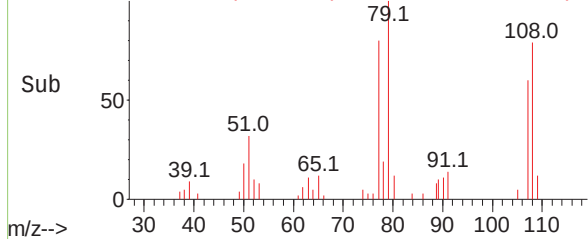
Benzyl Alcohol
Concen: 10.64 ng
RT: 8.331 min Scan# 850
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

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

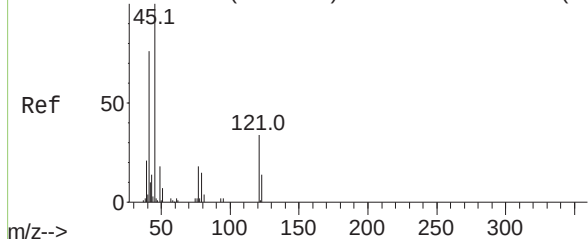
Tgt Ion:	79	Resp:	12587
Ion	Ratio	Lower	Upper
79	100		
108	79.0	54.1	81.1
77	80.1	52.6	79.0#



Abundance Scan 850 (8.331 min): BG048529.D\data.ms (-761) (-)

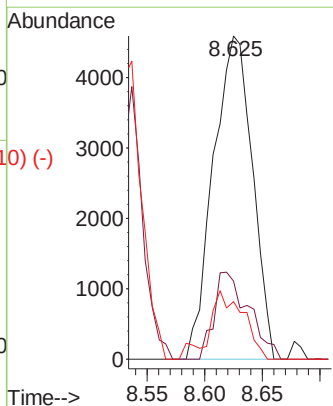
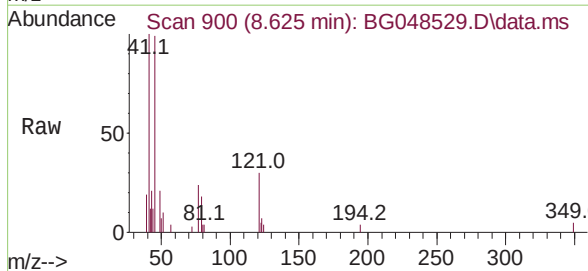


Abundance Scan 899 (8.623 min): BG048516.D\data.ms (-891) #16

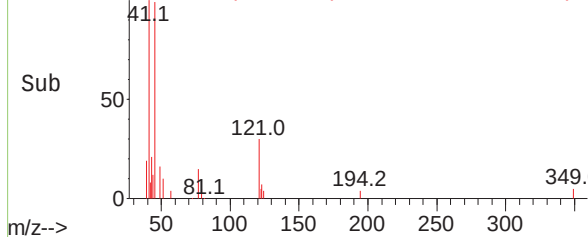


2,2'-oxybis(1-Chloropropane)
Concen: 11.19 ng
RT: 8.625 min Scan# 900
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:	45	Resp:	10823
Ion	Ratio	Lower	Upper
45	100		
77	24.1	0.0	38.4
79	17.8	0.0	34.5



Abundance Scan 900 (8.625 min): BG048529.D\data.ms (-810) (-)



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

2-Methylphenol

Concen: 11.49 ng

RT: 8.537 min Scan# 885

Delta R.T. -0.008 min

Lab File: BG048529.D

Acq: 31 Mar 2021 15:54

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2021

Ref 50 108.1

m/z-->

Abundance Scan 885 (8.537 min): BG048529.D\data.ms

Raw 50 108.0

m/z-->

Abundance Scan 885 (8.537 min): BG048529.D\data.ms (-835) (-)

Sub 50 108.0

m/z-->

Tgt Ion:107 Resp: 10743

Ion Ratio Lower Upper

107 100

108 109.0 101.7 152.5

77 59.7 54.4 81.6

79 65.3 46.8 70.2

Abundance

8.537

6000

4000

2000

0

8.50 8.55 8.60

Time-->

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

Hexachloroethane

Concen: 11.16 ng

RT: 9.195 min Scan# 997

Delta R.T. -0.002 min

Lab File: BG048529.D

Acq: 31 Mar 2021 15:54

Ref 50 116.9 200.8

m/z-->

Abundance Scan 997 (9.195 min): BG048529.D\data.ms

Raw 50 116.9 200.8

m/z-->

Abundance Scan 997 (9.195 min): BG048529.D\data.ms (-907) (-)

Sub 50 116.9 200.8

m/z-->

Tgt Ion:117 Resp: 5301

Ion Ratio Lower Upper

117 100

119 93.4 67.0 100.6

201 124.2 79.8 119.6#

Abundance

9.195

4000

3000

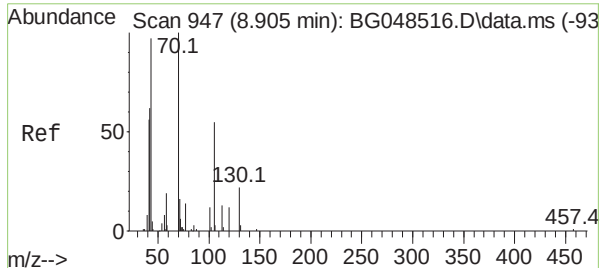
2000

1000

0

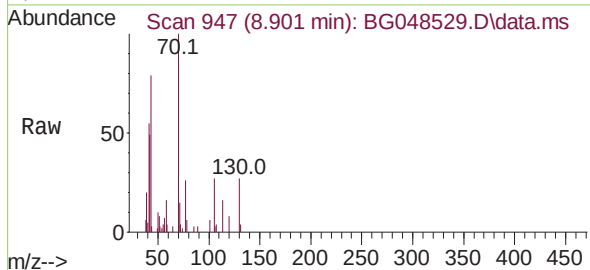
9.15 9.20 9.25

Time-->

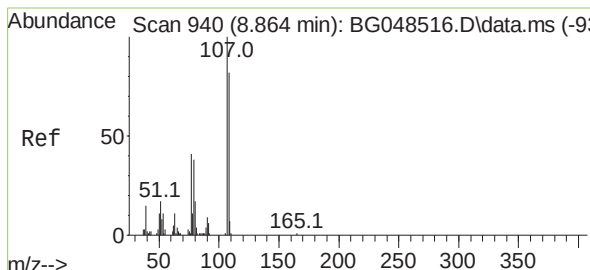
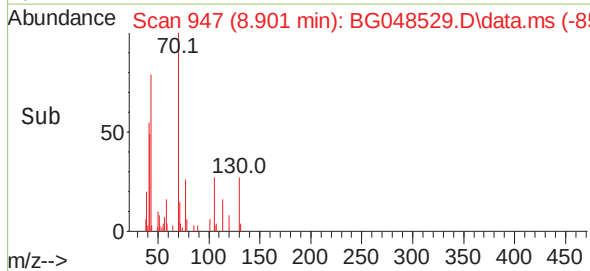
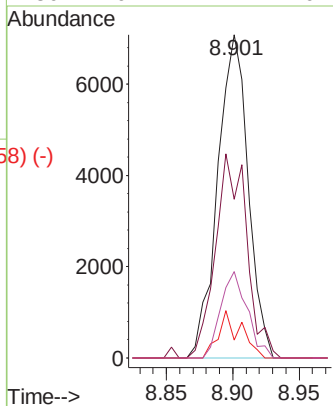


n-Nitroso-di-n-propylamine
 Concen: 11.33 ng
 RT: 8.901 min Scan# 947
 Delta R.T. -0.008 min
 Lab File: BG048529.D
 Acq: 31 Mar 2021 15:54

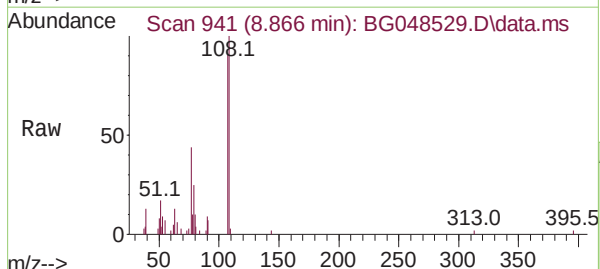
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021



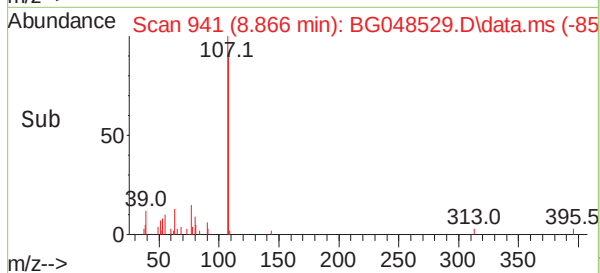
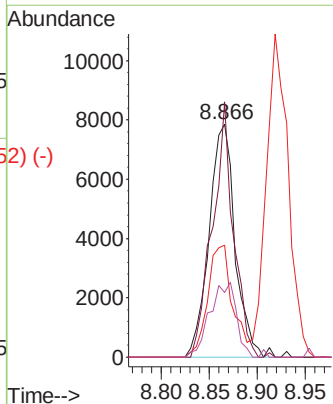
Tgt Ion	Ratio	Lower	Upper
70	100		
42	49.1	50.8	76.2#
101	5.6	9.7	14.5#
130	26.7	17.4	26.0#



3+4-Methylphenols
 Concen: 11.33 ng
 RT: 8.866 min Scan# 941
 Delta R.T. -0.008 min
 Lab File: BG048529.D
 Acq: 31 Mar 2021 15:54



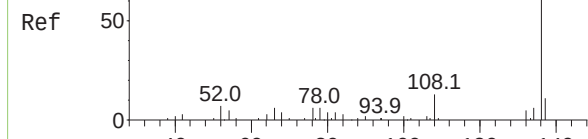
Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.5	62.3	102.3#
77	48.1	21.3	61.3
79	27.8	18.1	58.1



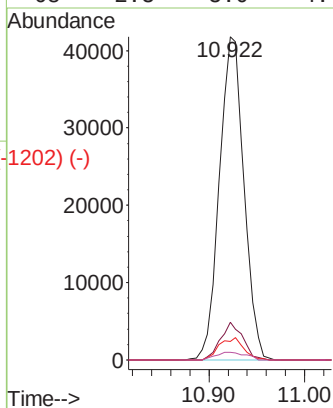
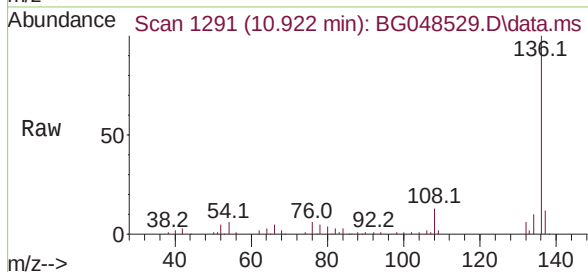
Abundance Scan 1291 (10.926 min): BG048516.D\data.ms (-123) (-)

Naphthalene-d8
Concen: 20.00 ng
RT: 10.922 min Scan# 1291
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

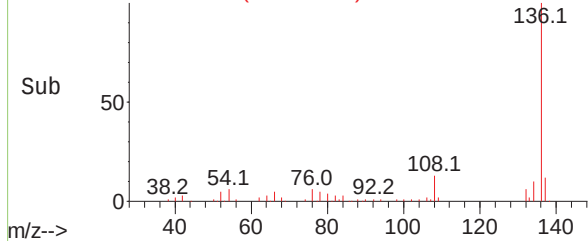
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021



Tgt Ion:	136	Resp:	74244
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.6	12.8
54	5.6	4.2	6.4
68	2.3	3.0	4.4#



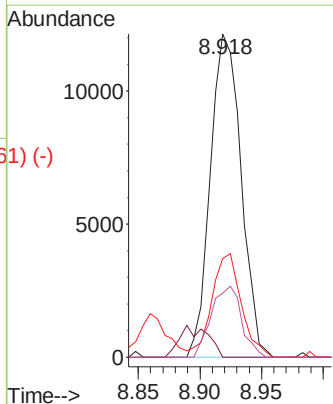
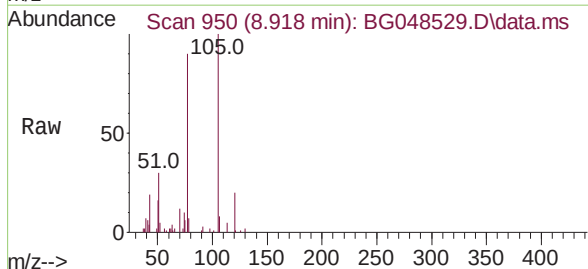
Abundance Scan 1291 (10.922 min): BG048529.D\data.ms (-1202) (-)



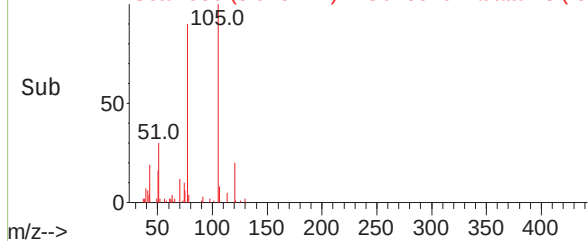
Abundance Scan 950 (8.923 min): BG048516.D\data.ms (-943) (-)

Acetophenone
Concen: 11.03 ng
RT: 8.918 min Scan# 950
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

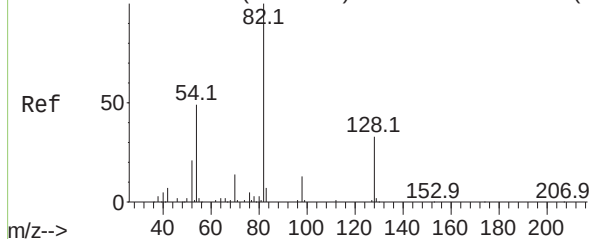
Tgt Ion:	105	Resp:	21114
Ion Ratio	Lower	Upper	
105	100		
71	0.0	1.1	1.7#
51	30.4	26.1	39.1
120	19.8	17.5	26.3



Abundance Scan 950 (8.918 min): BG048529.D\data.ms (-861) (-)



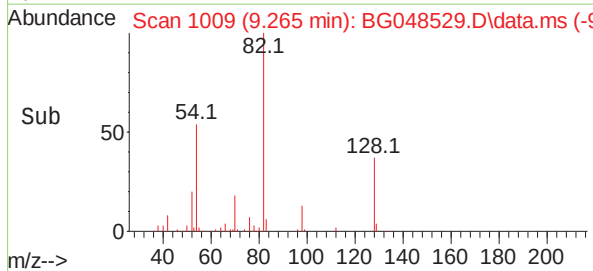
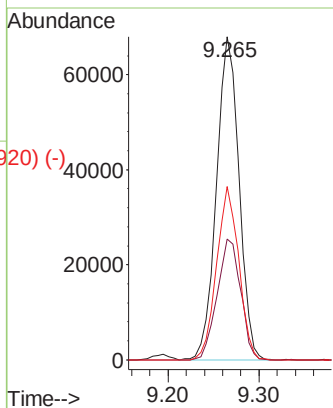
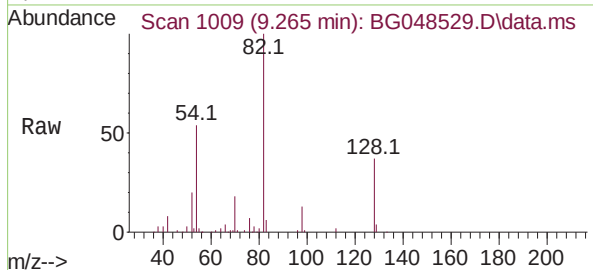
Abundance Scan 1008 (9.263 min): BG048516.D\data.ms (-10623-)



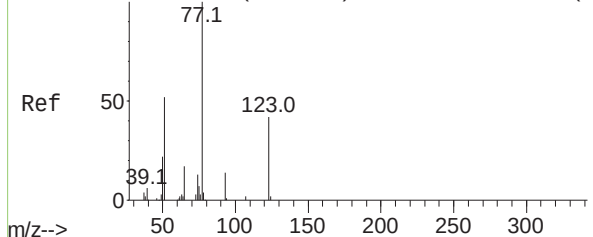
Nitrobenzene-d5
Concen: 76.71 ng
RT: 9.265 min Scan# 1009
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

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

Tgt Ion:	82	Resp:	117637
Ion	Ratio	Lower	Upper
82	100		
128	37.5	26.2	39.4
54	53.7	38.9	58.3

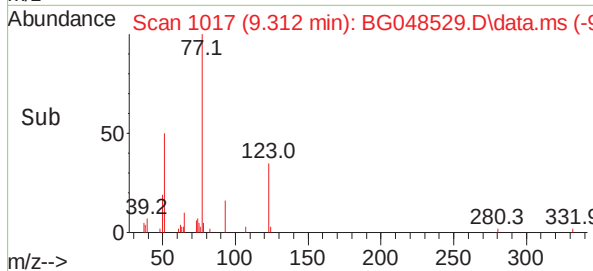
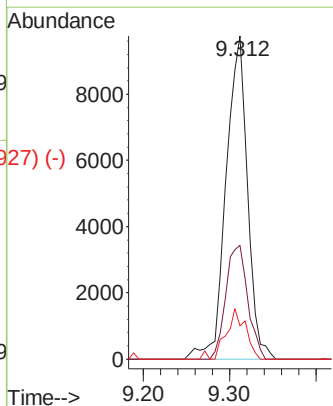
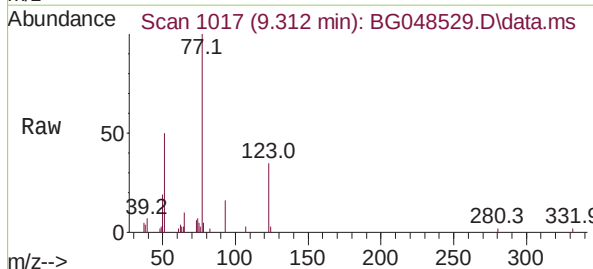


Abundance Scan 1016 (9.310 min): BG048516.D\data.ms (-10624-)

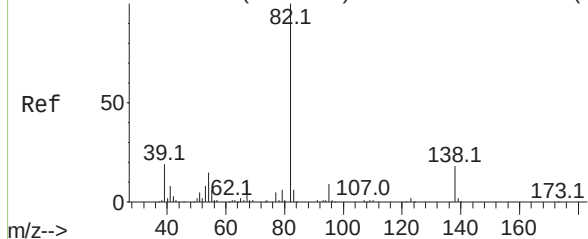


Nitrobenzene
Concen: 11.30 ng
RT: 9.312 min Scan# 1017
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:	77	Resp:	17012
Ion	Ratio	Lower	Upper
77	100		
123	35.3	33.4	50.2
65	10.2	13.3	19.9#



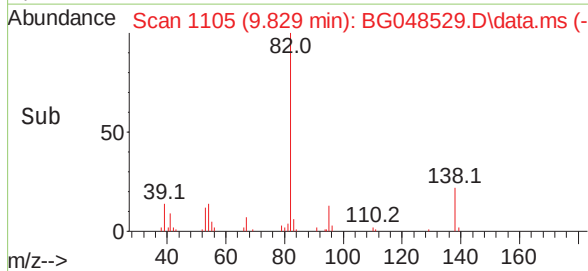
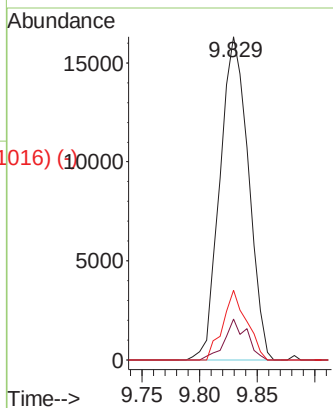
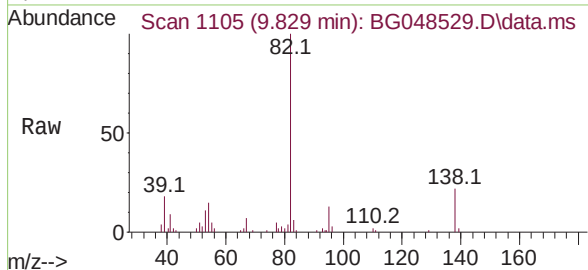
Abundance Scan 1105 (9.833 min): BG048516.D\data.ms (-1075)



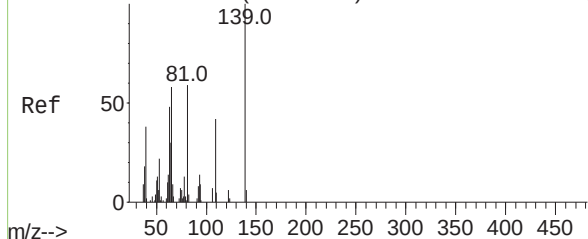
Isophorone
Concen: 9.94 ng
RT: 9.829 min Scan# 1105
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

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

Tgt Ion: 82 Resp: 28150
Ion Ratio Lower Upper
82 100
95 12.7 7.1 10.7#
138 21.6 14.8 22.2

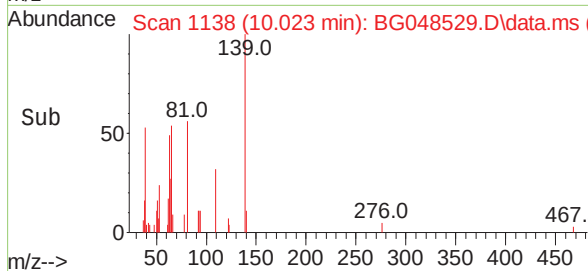
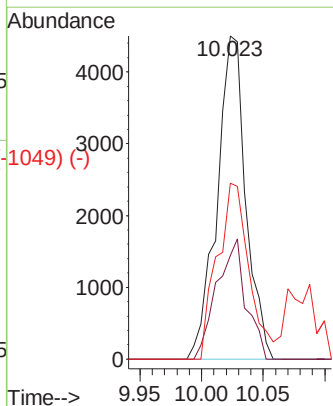
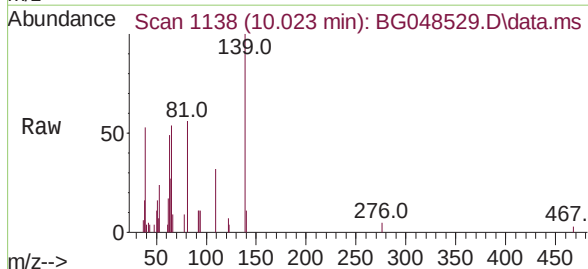


Abundance Scan 1138 (10.027 min): BG048516.D\data.ms (-1126)



2-Nitrophenol
Concen: 10.59 ng
RT: 10.023 min Scan# 1138
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

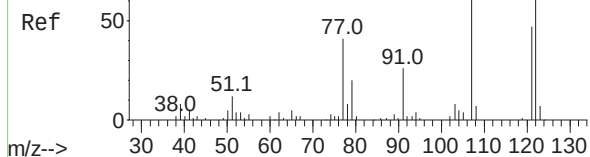
Tgt Ion:139 Resp: 7323
Ion Ratio Lower Upper
139 100
109 32.0 33.7 50.5#
65 54.4 46.8 70.2



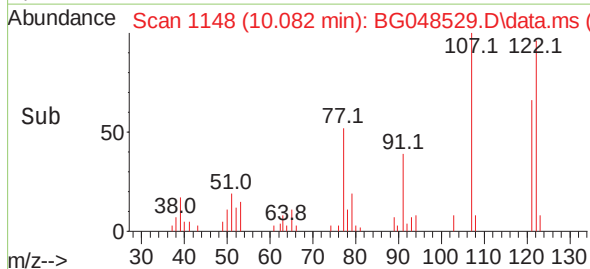
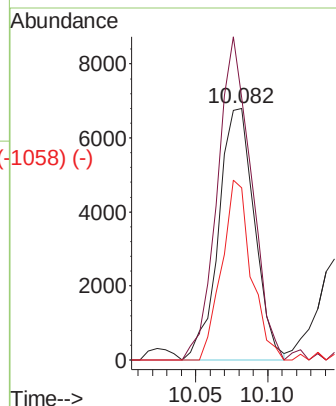
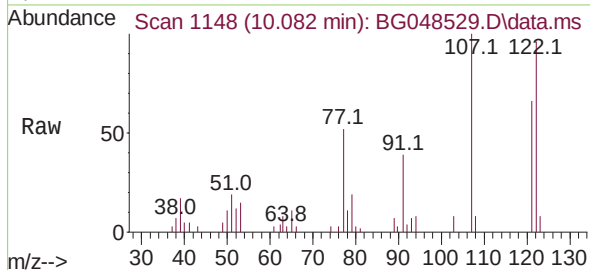
Abundance Scan 1147 (10.080 min): BG048516.D\data.ms (-121) (-)

2,4-Dimethylphenol
Concen: 10.80 ng
RT: 10.082 min Scan# 1148
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

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

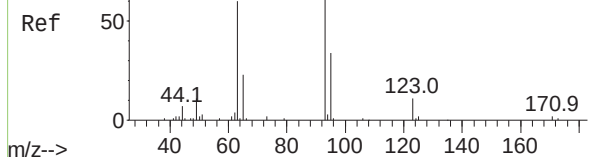


Tgt Ion:	122	Resp:	11747
Ion	Ratio	Lower	Upper
122	100		
107	104.2	96.6	145.0
121	68.3	45.3	67.9#

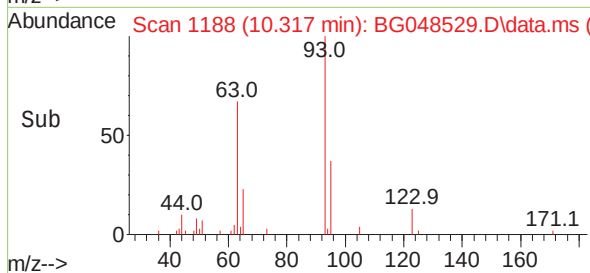
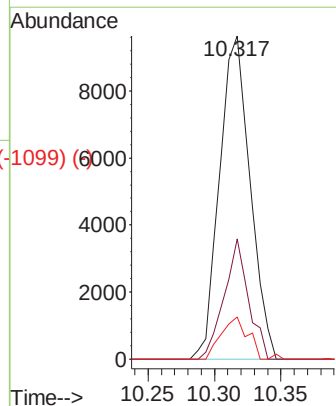
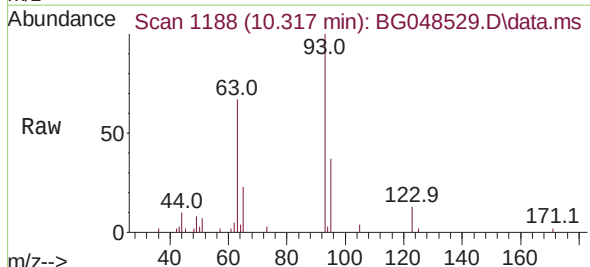


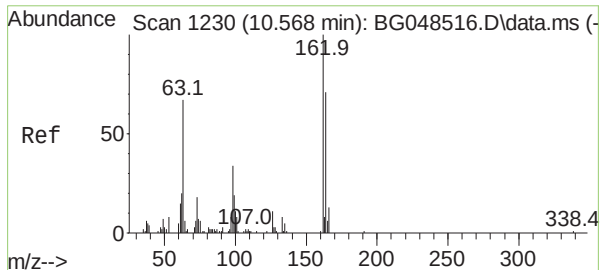
Abundance Scan 1187 (10.315 min): BG048516.D\data.ms (-123) (-)

bis(2-Chloroethoxy)methane
Concen: 11.84 ng
RT: 10.317 min Scan# 1188
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



Tgt Ion:	93	Resp:	15371
Ion	Ratio	Lower	Upper
93	100		
95	37.3	27.0	40.6
123	13.1	9.0	13.6

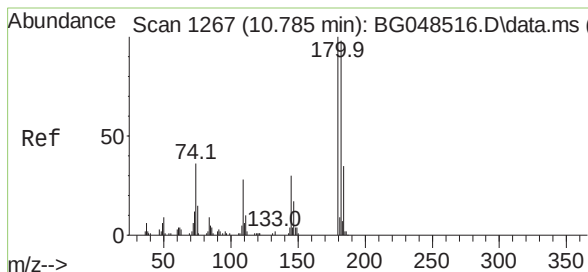
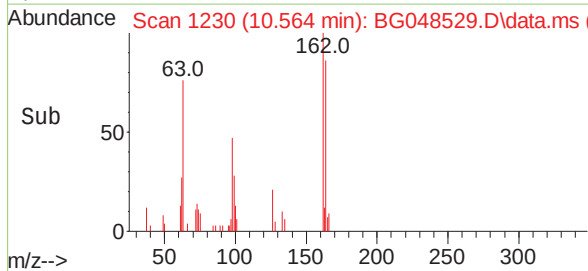
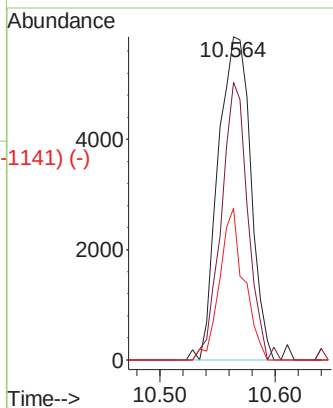
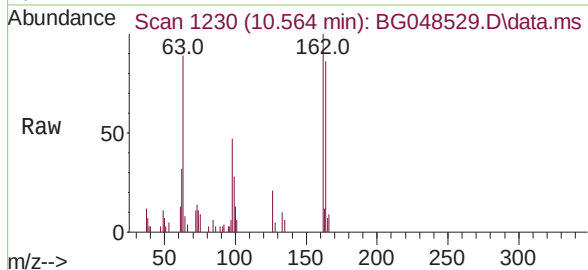




2,4-Dichlorophenol
Concen: 9.34 ng
RT: 10.564 min Scan# 1230
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

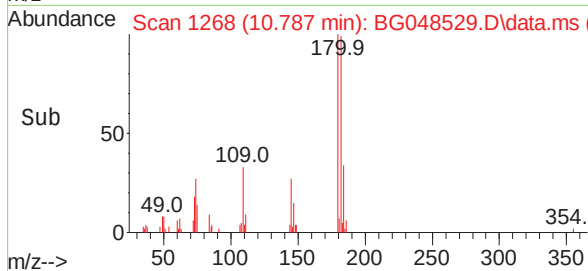
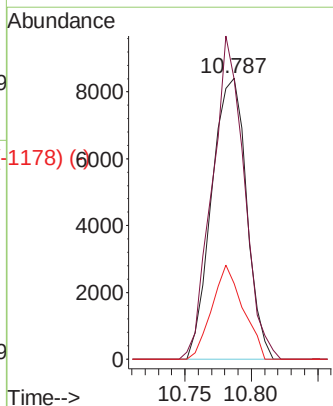
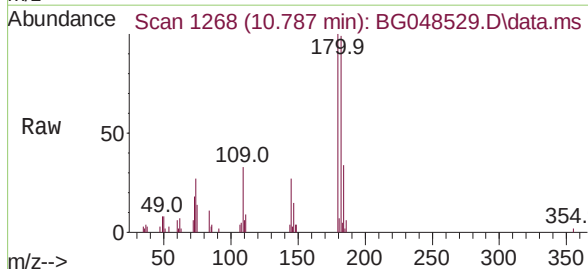
Instrument :
BNA_G
ClientSampleId :
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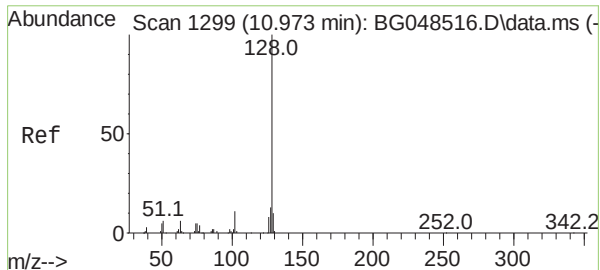
Tgt Ion:	162	Resp:	11513
Ion	Ratio	Lower	Upper
162	100		
164	86.0	51.2	91.2
98	46.9	13.6	53.6



1,2,4-Trichlorobenzene
Concen: 10.82 ng
RT: 10.787 min Scan# 1268
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:	180	Resp:	15324
Ion	Ratio	Lower	Upper
180	100		
182	99.3	78.8	118.2
145	26.8	24.0	36.0

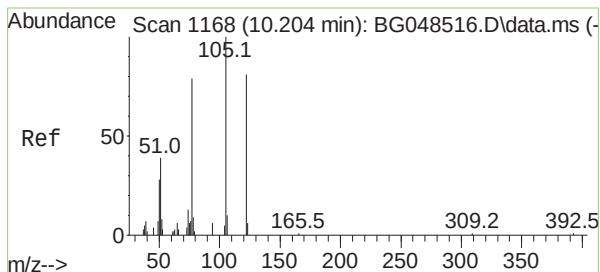
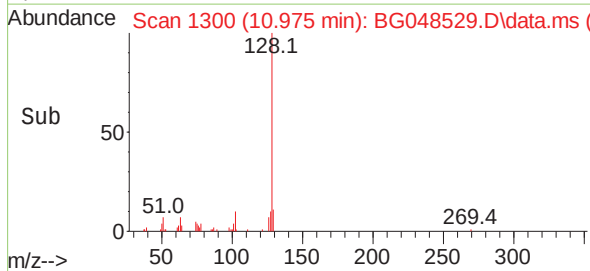
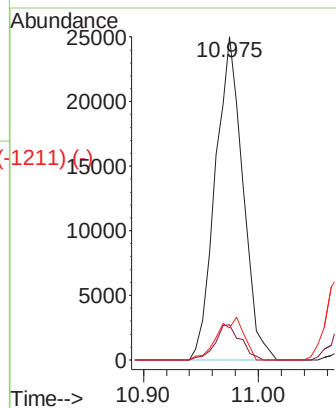
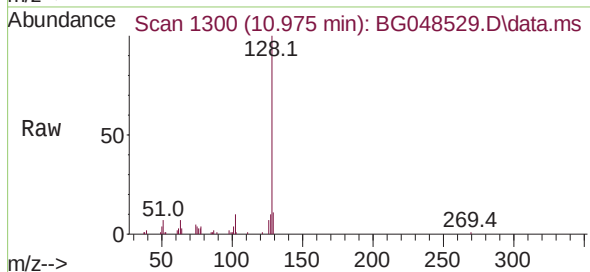




#31 (-)
Naphthalene
Concen: 10.92 ng
RT: 10.975 min Scan# 1300
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

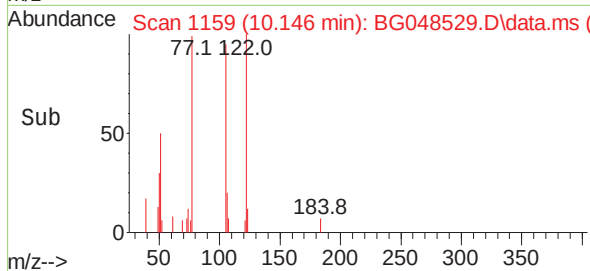
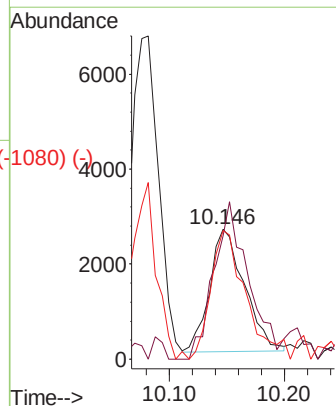
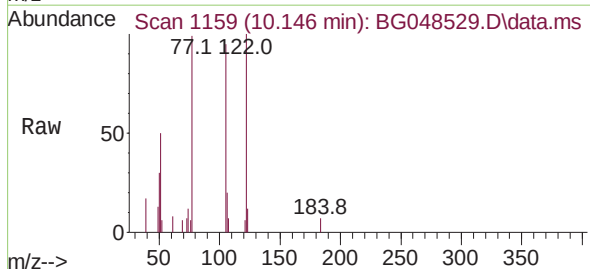
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:	128	Resp:	41672
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.2	12.2
127	9.9	10.6	16.0#



#32 (-)
Benzoic acid
Concen: 6.49 ng
RT: 10.146 min Scan# 1159
Delta R.T. -0.066 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

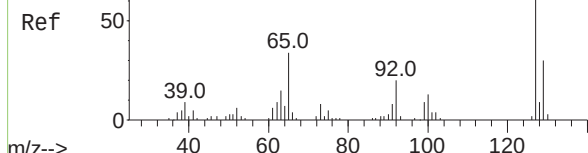
Tgt Ion:	122	Resp:	5433
Ion	Ratio	Lower	Upper
122	100		
105	95.1	97.1	137.1#
77	98.7	76.8	116.8



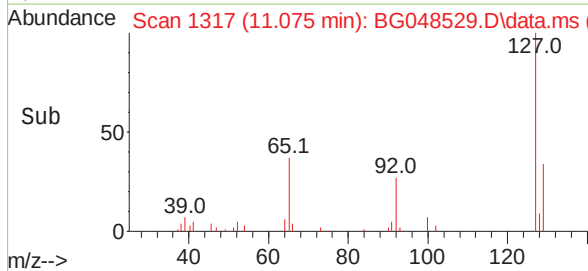
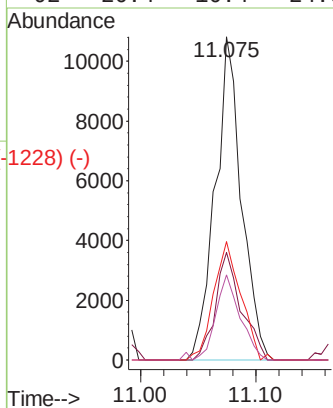
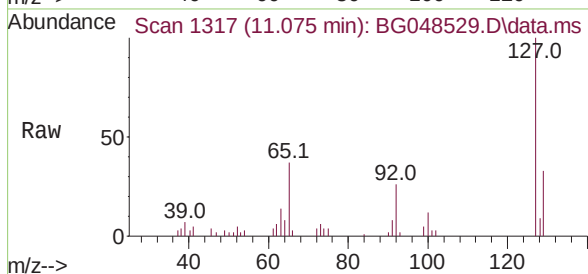
Abundance Scan 1316 (11.073 min): BG048516.D\data.ms (-1308) (-)

4-Chloroaniline
Concen: 10.64 ng
RT: 11.075 min Scan# 1317
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

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

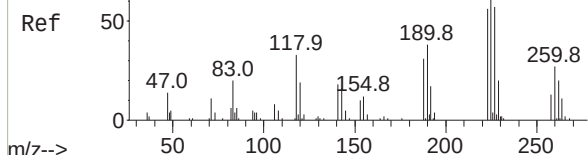


Tgt Ion:	127	Resp:	17144
Ion	Ratio	Lower	Upper
127	100		
129	33.2	24.3	36.5
65	36.7	27.0	40.4
92	26.4	16.4	24.6#

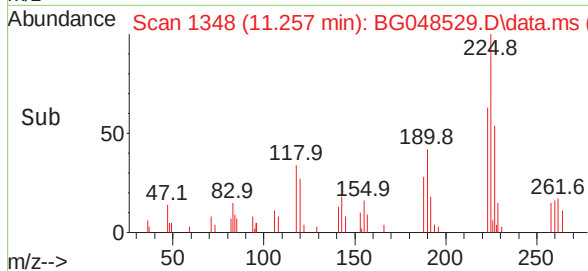
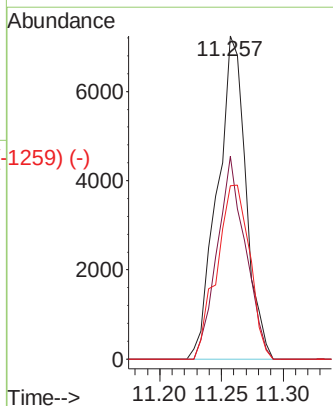
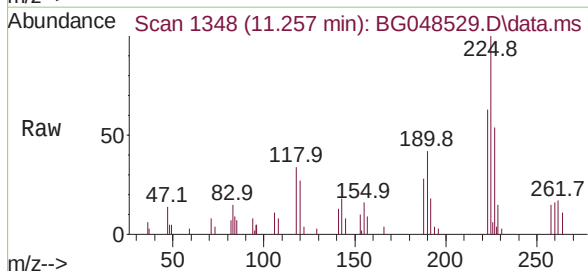


Abundance Scan 1348 (11.261 min): BG048516.D\data.ms (-1348) (-)

Hexachlorobutadiene
Concen: 11.32 ng
RT: 11.257 min Scan# 1348
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



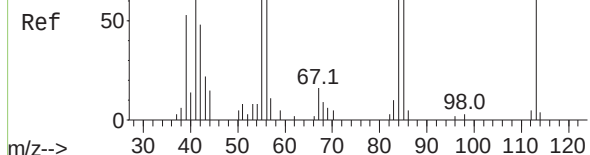
Tgt Ion:	225	Resp:	11702
Ion	Ratio	Lower	Upper
225	100		
223	62.7	44.8	67.2
227	53.7	45.4	68.0



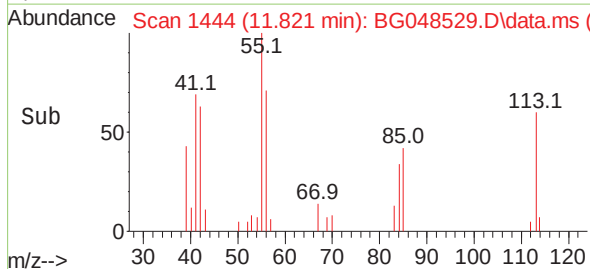
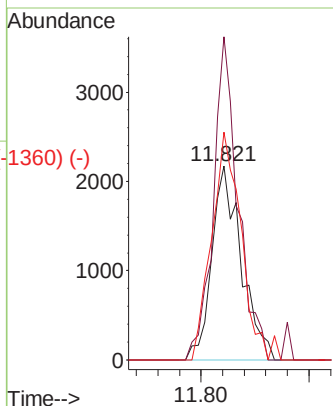
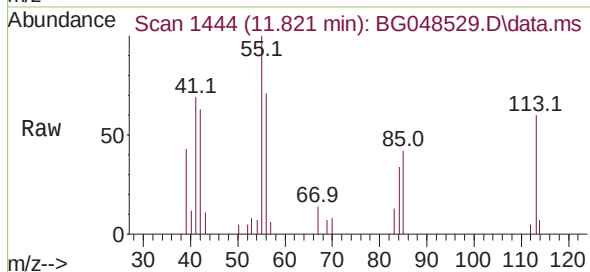
Abundance Scan 1447 (11.843 min): BG048516.D\data.ms (-1435) (-)

Caprolactam
Concen: 9.19 ng
RT: 11.821 min Scan# 1444
Delta R.T. -0.037 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

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

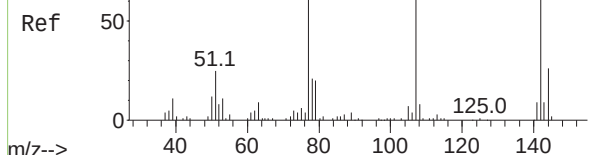


Tgt Ion:	113	Resp:	4129
Ion	Ratio	Lower	Upper
113	100		
55	166.5	76.8	116.8#
56	117.4	71.1	111.1#

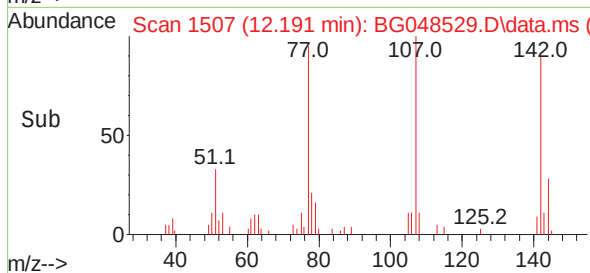
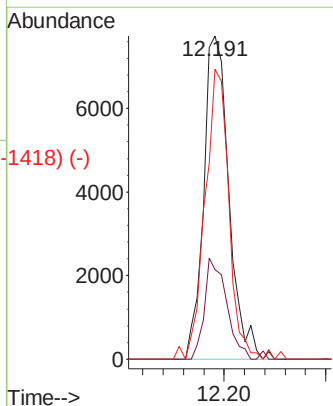
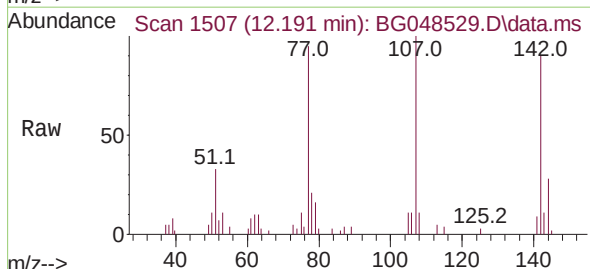


Abundance Scan 1507 (12.195 min): BG048516.D\data.ms (-1436) (-)

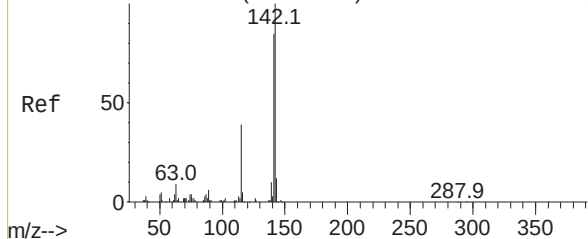
4-Chloro-3-methylphenol
Concen: 9.69 ng
RT: 12.191 min Scan# 1507
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



Tgt Ion:	107	Resp:	13413
Ion	Ratio	Lower	Upper
107	100		
144	27.6	20.6	31.0
142	89.6	67.0	100.6



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

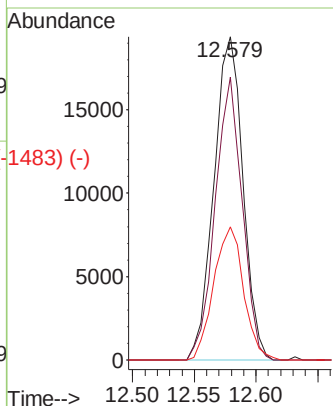
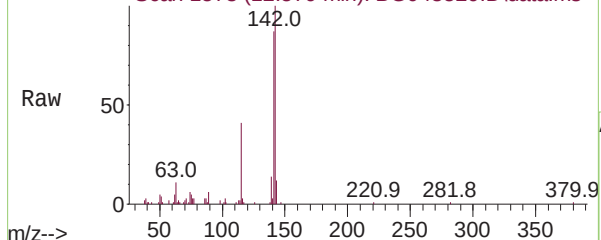


2-Methylnaphthalene
Concen: 10.45 ng
RT: 12.579 min Scan# 1573
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

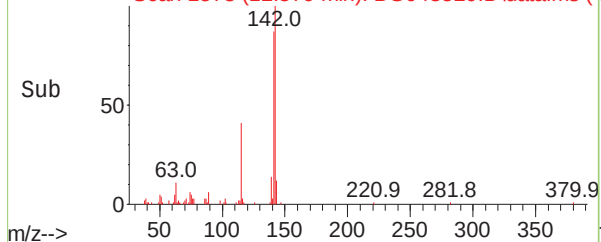
Tgt Ion:	142	Resp:	31772
Ion	Ratio	Lower	Upper
142	100		
141	87.5	68.2	102.4
115	41.2	30.8	46.2

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

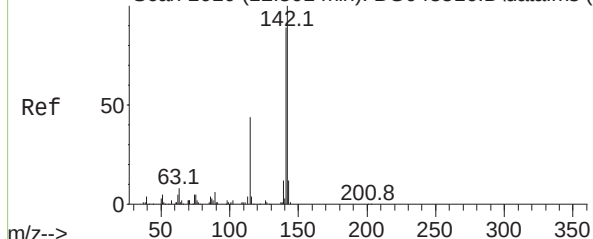
Abundance Scan 1573 (12.579 min): BG048529.D\data.ms



Abundance Scan 1573 (12.579 min): BG048529.D\data.ms (-1483) (-)



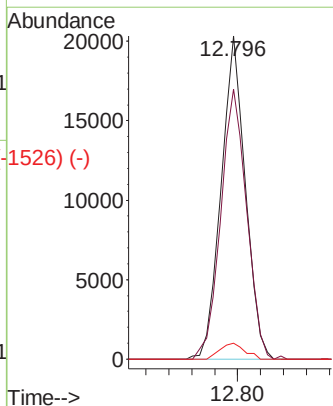
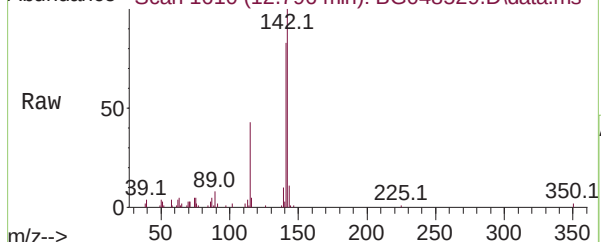
Abundance Scan 1610 (12.801 min): BG048516.D\data.ms (-1635) (-)



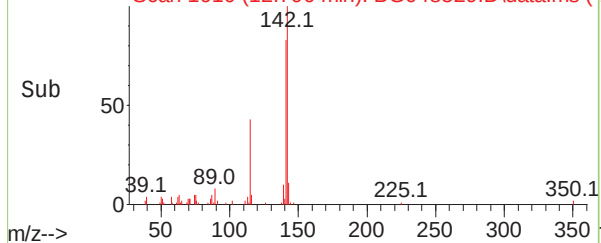
1-Methylnaphthalene
Concen: 10.24 ng
RT: 12.796 min Scan# 1610
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:	142	Resp:	29685
Ion	Ratio	Lower	Upper
142	100		
141	83.5	71.2	106.8
116	5.0	3.4	5.0

Abundance Scan 1610 (12.796 min): BG048529.D\data.ms



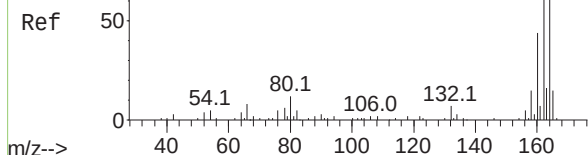
Abundance Scan 1610 (12.796 min): BG048529.D\data.ms (-1526) (-)



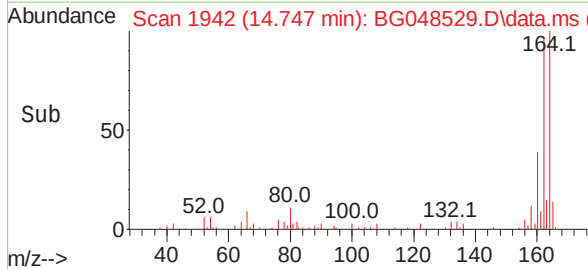
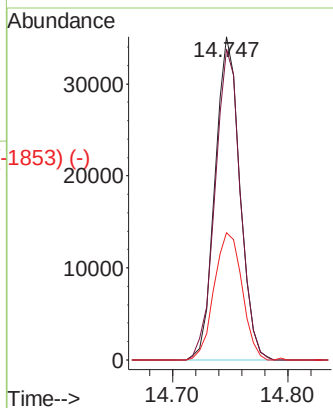
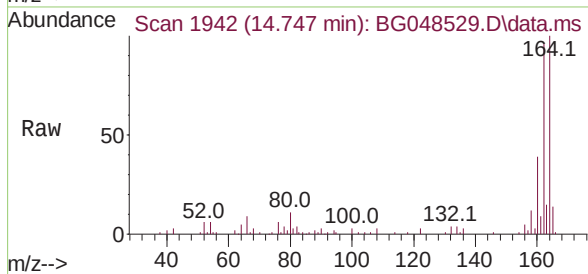
Abundance Scan 1942 (14.751 min): BG048516.D\data.ms (-1853) (-)

Acenaphthene-d10
Concen: 20.00 ng
RT: 14.747 min Scan# 1942
Delta R.T. -0.008 min
Lab File: BG048529.D
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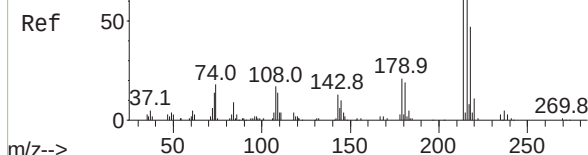


Tgt Ion:	164	Resp:	52780
Ion Ratio	Lower	Upper	
164	100		
162	96.2	87.0	130.6
160	39.3	38.4	57.6

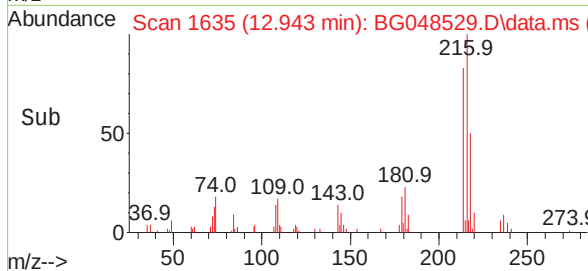
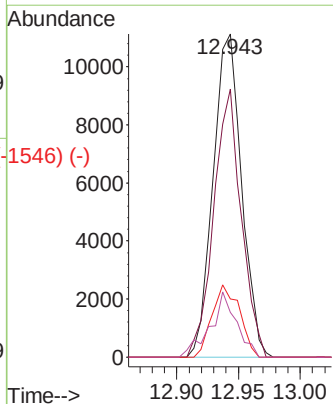
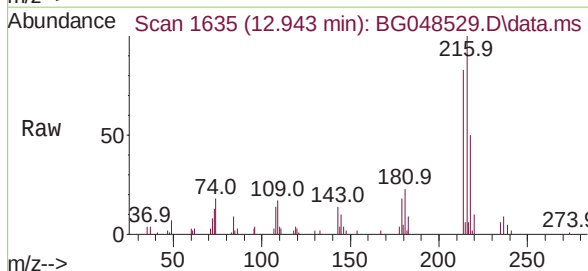


Abundance Scan 1634 (12.942 min): BG048516.D\data.ms (-1853) (-)

1,2,4,5-Tetrachlorobenzene
Concen: 10.95 ng
RT: 12.943 min Scan# 1635
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



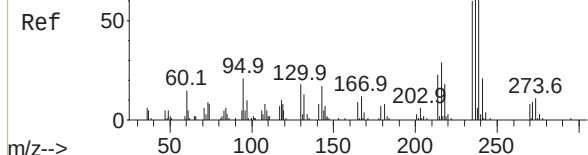
Tgt Ion:	216	Resp:	17913
Ion Ratio	Lower	Upper	
216	100		
214	80.0	61.1	91.7
179	21.6	17.3	25.9
108	18.5	15.2	22.8



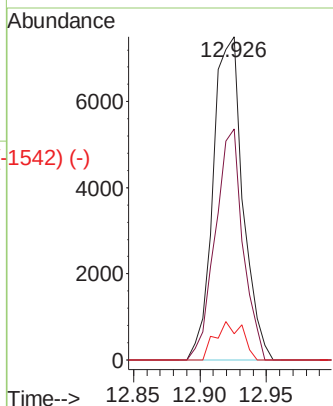
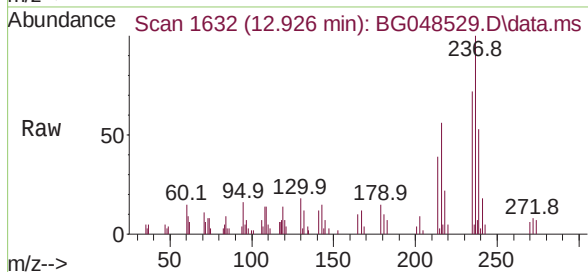
Abundance Scan 1631 (12.924 min): BG048516.D\data.ms (-1641) (-)

Hexachlorocyclopentadiene
Concen: 12.26 ng
RT: 12.926 min Scan# 1632
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

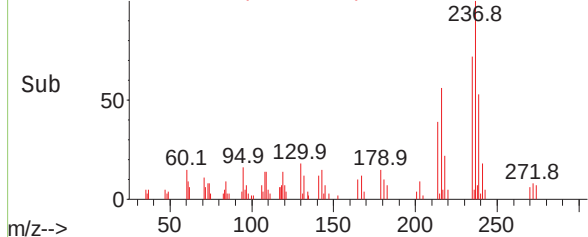
Instrument :
BNA_G
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Tgt Ion:	237	Resp:	11617
Ion Ratio	Lower	Upper	
237	100		
235	71.5	39.7	79.7
272	8.1	0.0	28.8

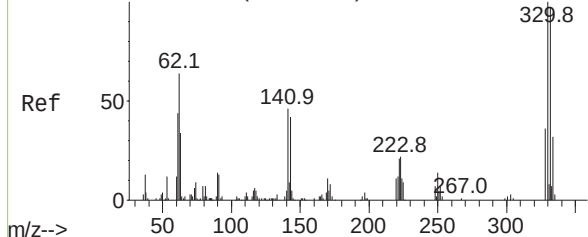


Abundance Scan 1632 (12.926 min): BG048529.D\data.ms (-1542) (-)

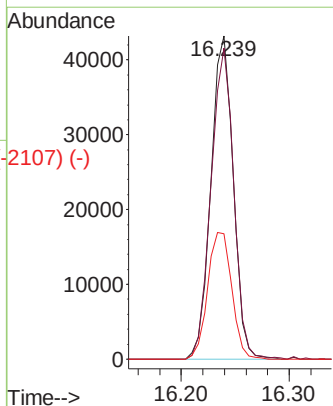
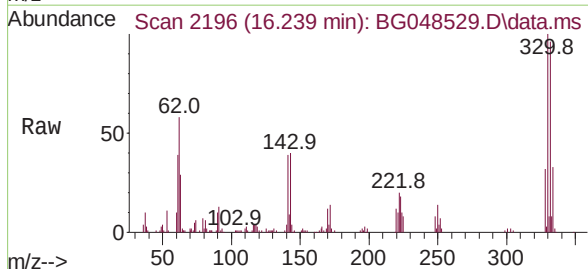


Abundance Scan 2195 (16.238 min): BG048516.D\data.ms (-2149) (-)

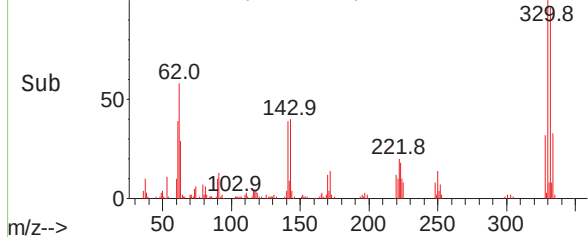
2,4,6-Tribromophenol
Concen: 90.05 ng
RT: 16.239 min Scan# 2196
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



Tgt Ion:	330	Resp:	62476
Ion Ratio	Lower	Upper	
330	100		
332	97.8	77.6	116.4
141	42.2	34.6	52.0



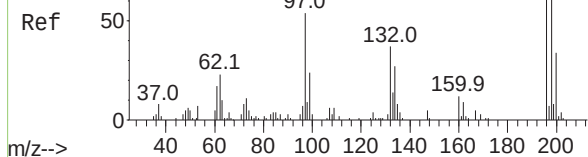
Abundance Scan 2196 (16.239 min): BG048529.D\data.ms (-2107) (-)



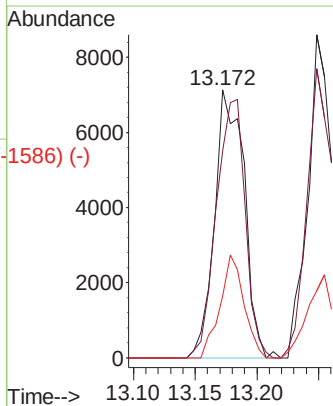
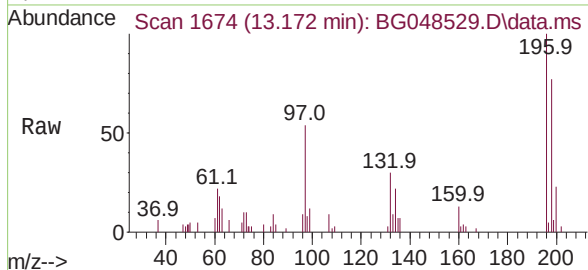
Abundance Scan 1675 (13.182 min): BG048516.D\data.ms (-1585) (-)

2,4,6-Trichlorophenol
Concen: 10.61 ng
RT: 13.172 min Scan# 1674
Delta R.T. -0.014 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

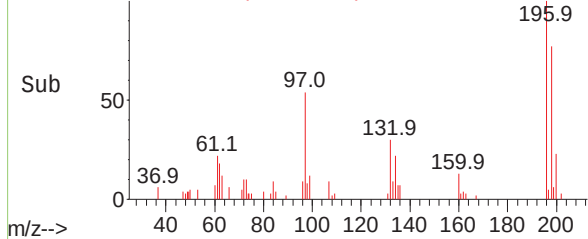
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	196	198	200
Ratio	100	77.4	23.2
Lower		75.8	27.0
Upper		113.6	40.6#



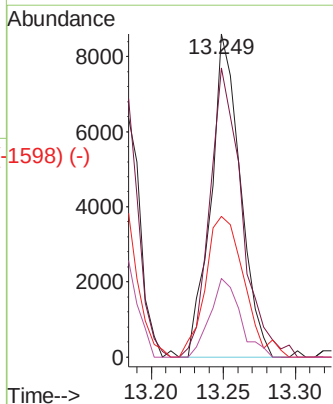
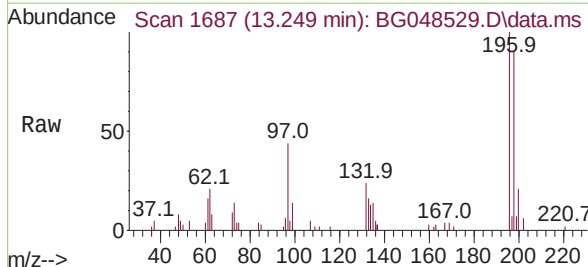
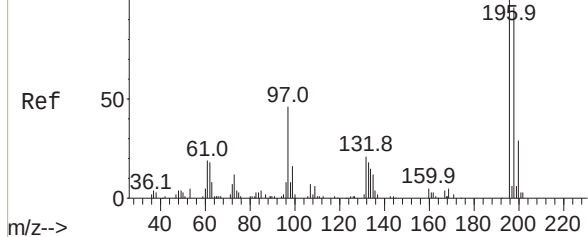
Abundance Scan 1674 (13.172 min): BG048529.D\data.ms (-1586) (-)



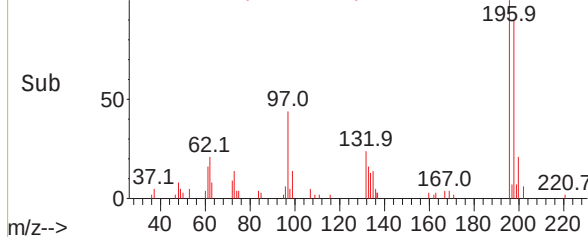
Abundance Scan 1687 (13.253 min): BG048516.D\data.ms (-1581) (-)

2,4,5-Trichlorophenol
Concen: 10.14 ng
RT: 13.249 min Scan# 1687
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion	196	97	132
Ratio	100	89.6	43.6
Lower		77.1	37.5
Upper		115.7	56.3



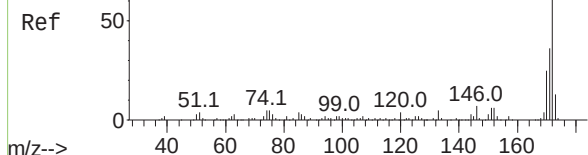
Abundance Scan 1687 (13.249 min): BG048529.D\data.ms (-1598) (-)



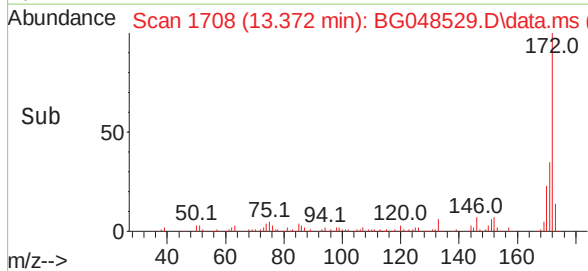
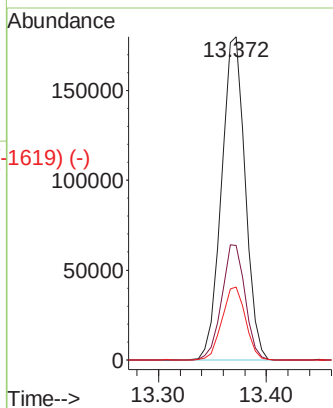
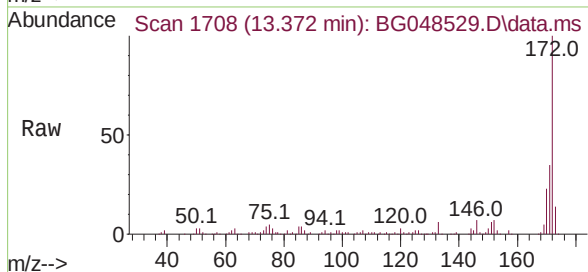
Abundance Scan 1707 (13.370 min): BG048516.D\data.ms (-1699) (-)

2-Fluorobiphenyl
Concen: 77.97 ng
RT: 13.372 min Scan# 1708
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

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

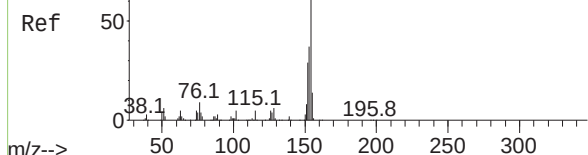


Tgt Ion:	172	Resp:	276857
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	22.6	19.8	29.6

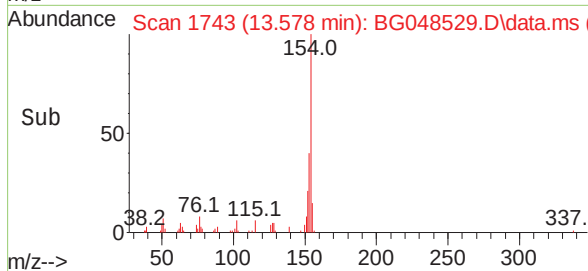
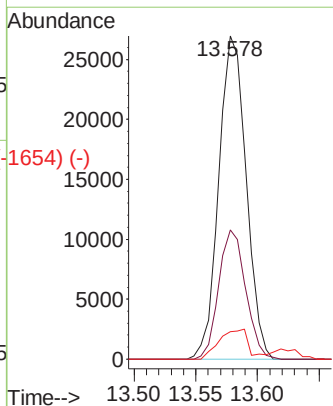
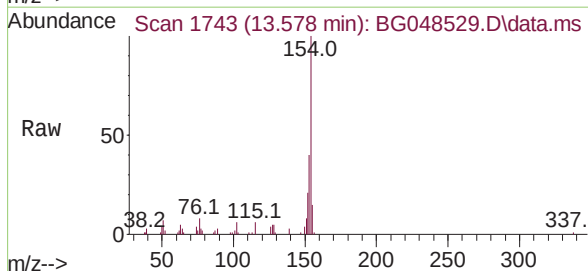


Abundance Scan 1743 (13.582 min): BG048516.D\data.ms (-1746) (-)

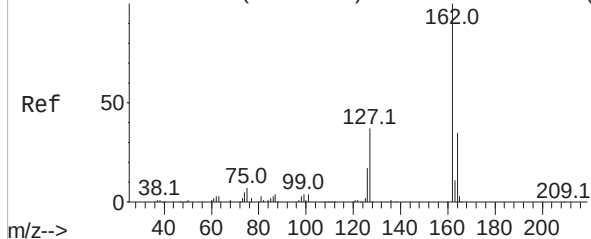
1,1'-Biphenyl
Concen: 10.84 ng
RT: 13.578 min Scan# 1743
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



Tgt Ion:	154	Resp:	41791
Ion	Ratio	Lower	Upper
154	100		
153	40.1	17.3	57.3
76	8.5	0.0	28.6



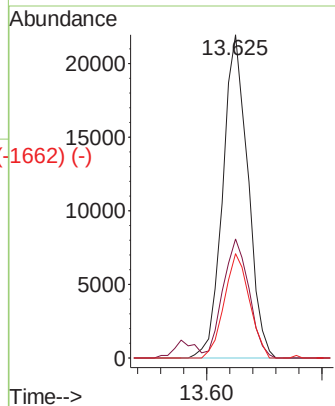
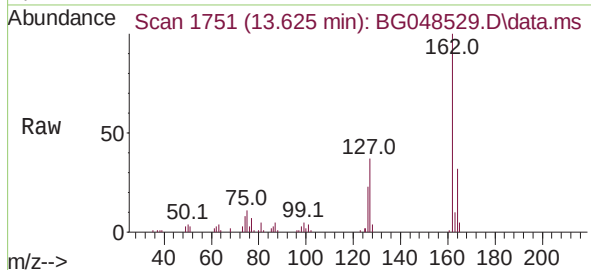
Abundance Scan 1751 (13.629 min): BG048516.D\data.ms (-1741) (-)



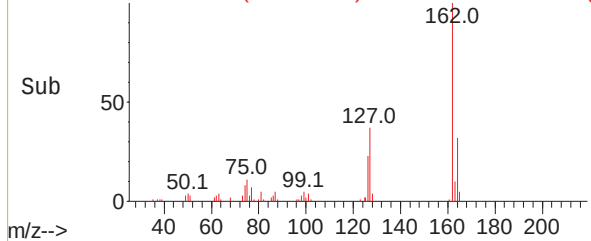
2-Chloronaphthalene
Concen: 11.28 ng
RT: 13.625 min Scan# 1751
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

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

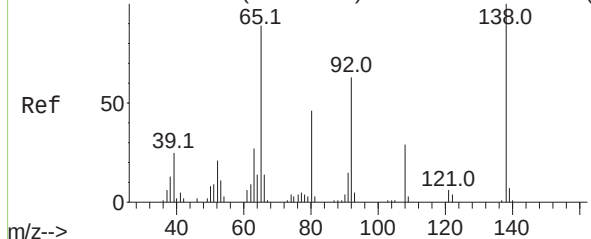
Tgt Ion:	162	Resp:	33147
Ion Ratio	Lower	Upper	
162	100		
127	36.8	31.8	47.8
164	32.3	27.8	41.6



Abundance Scan 1751 (13.625 min): BG048529.D\data.ms (-1662) (-)

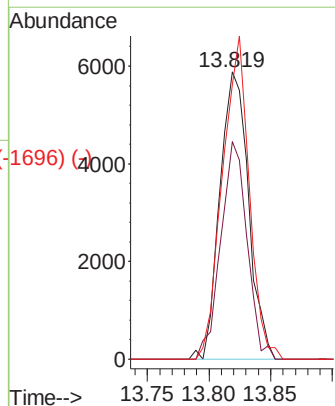
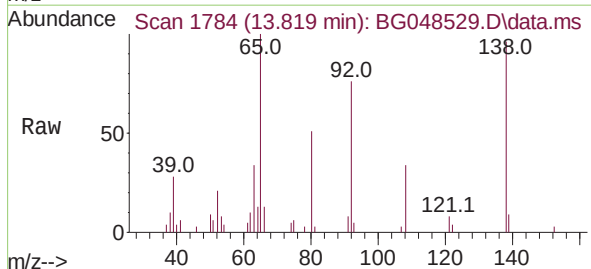


Abundance Scan 1784 (13.823 min): BG048516.D\data.ms (-1746) (-)

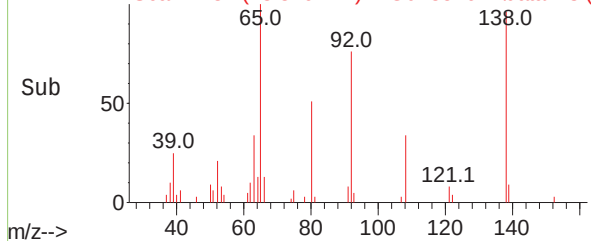


2-Nitroaniline
Concen: 10.20 ng
RT: 13.819 min Scan# 1784
Delta R.T. -0.014 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

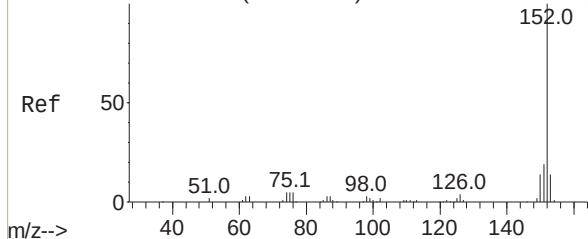
Tgt Ion:	65	Resp:	9523
Ion Ratio	Lower	Upper	
65	100		
92	75.7	56.7	85.1
138	95.6	89.6	134.4



Abundance Scan 1784 (13.819 min): BG048529.D\data.ms (-1696) (-)



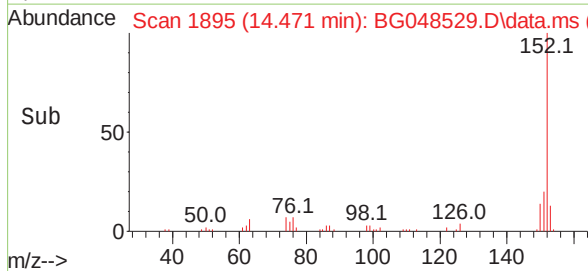
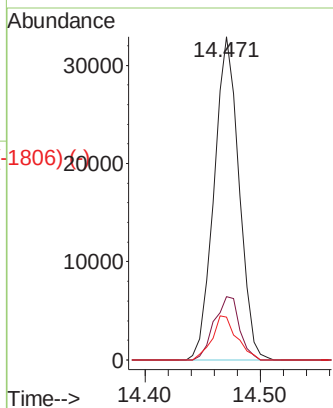
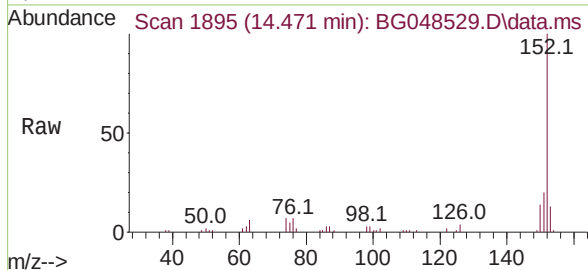
Abundance Scan 1894 (14.469 min): BG048516.D\data.ms (-1806) (-)



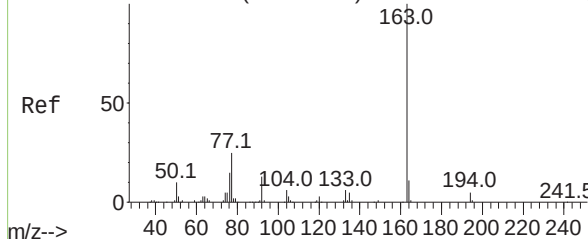
Acenaphthylene
Concen: 10.78 ng
RT: 14.471 min Scan# 1895
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

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

Tgt Ion:	152	Resp:	49646
Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.0	22.6
153	13.3	11.0	16.6

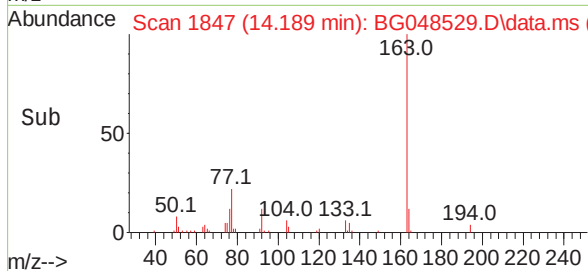
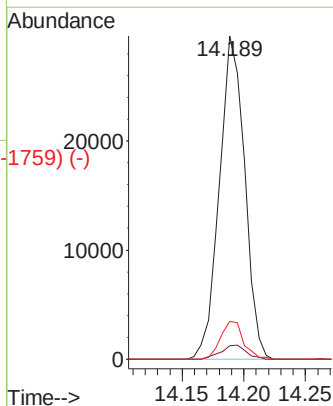
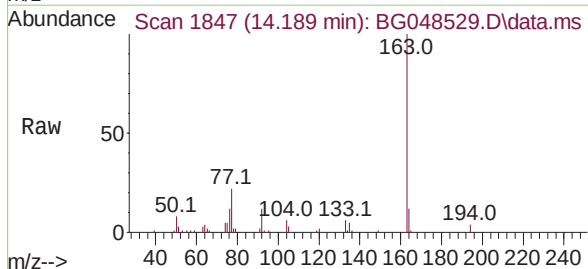


Abundance Scan 1847 (14.193 min): BG048516.D\data.ms (-1759) (-)



Dimethylphthalate
Concen: 10.82 ng
RT: 14.189 min Scan# 1847
Delta R.T. -0.014 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

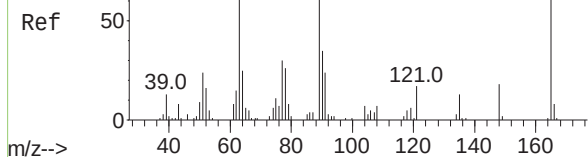
Tgt Ion:	163	Resp:	42388
Ion	Ratio	Lower	Upper
163	100		
194	4.2	4.1	6.1
164	11.6	8.6	12.8



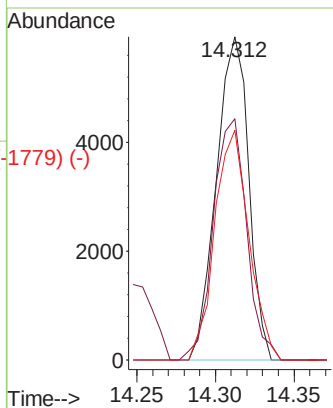
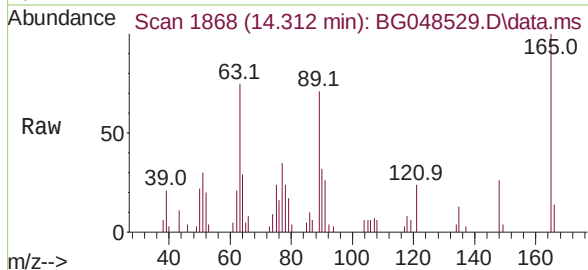
Abundance Scan 1868 (14.316 min): BG048516.D\data.ms (-1651) (-)

2,6-Dinitrotoluene
Concen: 9.48 ng
RT: 14.312 min Scan# 1868
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

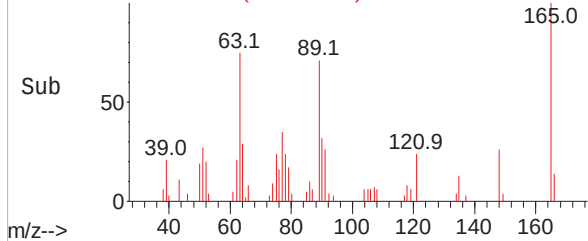
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021



Tgt Ion:	165	Resp:	8500
Ion	Ratio	Lower	Upper
165	100		
63	74.6	53.8	80.6
89	71.0	50.8	76.2

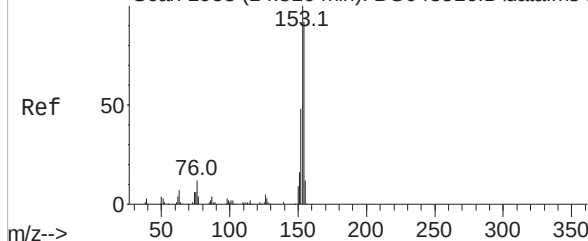


Abundance Scan 1868 (14.312 min): BG048529.D\data.ms (-1779) (-)

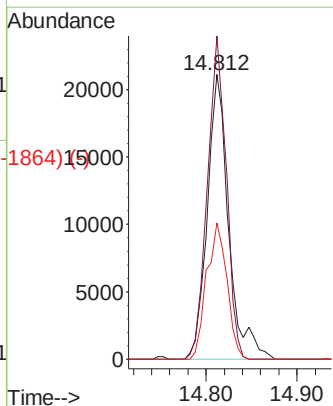
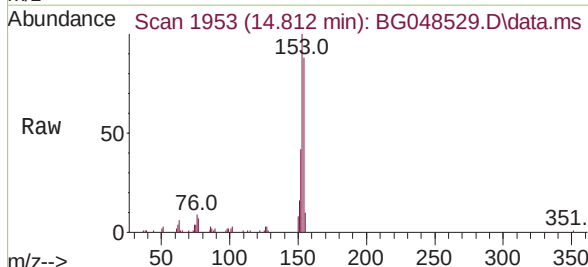


Abundance Scan 1953 (14.816 min): BG048516.D\data.ms (-1952) (-)

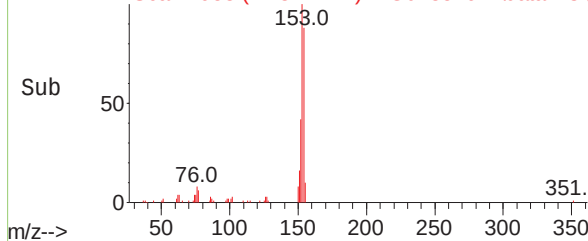
Acenaphthene
Concen: 10.32 ng
RT: 14.812 min Scan# 1953
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



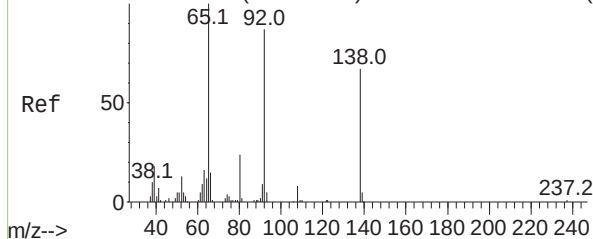
Tgt Ion:	154	Resp:	34397
Ion	Ratio	Lower	Upper
154	100		
153	113.6	86.6	129.8
152	47.8	41.5	62.3



Abundance Scan 1953 (14.812 min): BG048529.D\data.ms (-1864) (-)



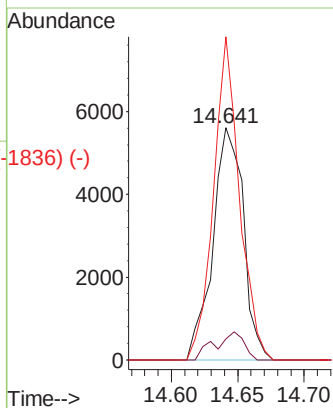
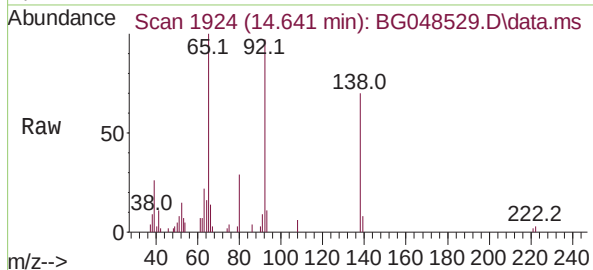
Abundance Scan 1924 (14.645 min): BG048516.D\data.ms (-1952) (-)



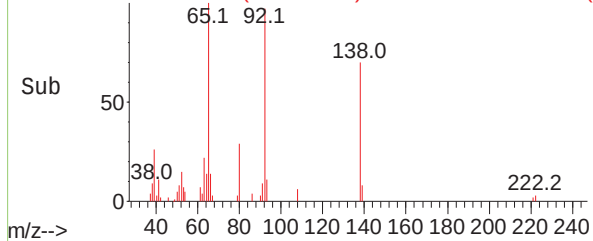
3-Nitroaniline
Concen: 10.19 ng
RT: 14.641 min Scan# 1924
Delta R.T. -0.014 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

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

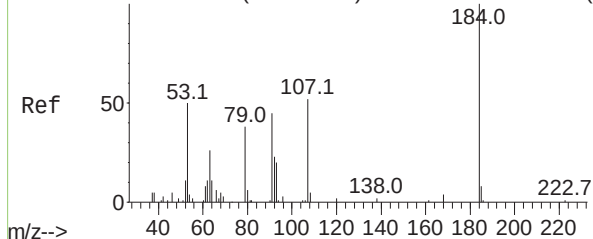
Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.0	9.2	13.8#
92	139.0	103.8	155.8



Abundance Scan 1924 (14.641 min): BG048529.D\data.ms (-1836) (-)

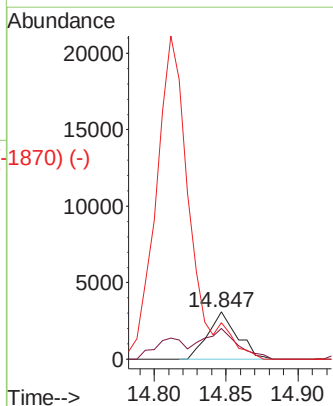
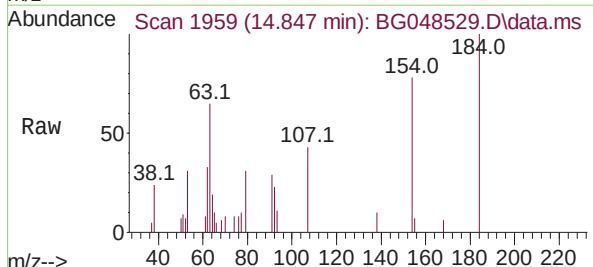


Abundance Scan 1959 (14.851 min): BG048516.D\data.ms (-1952) (-)

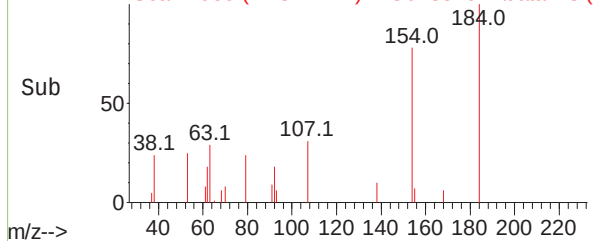


2,4-Dinitrophenol
Concen: 8.59 ng
RT: 14.847 min Scan# 1959
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.3	56.6	84.8
154	77.6	54.9	82.3



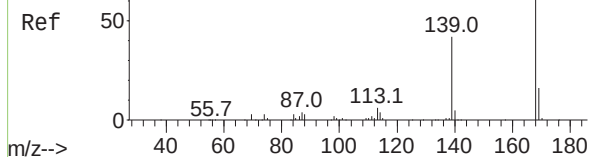
Abundance Scan 1959 (14.847 min): BG048529.D\data.ms (-1870) (-)



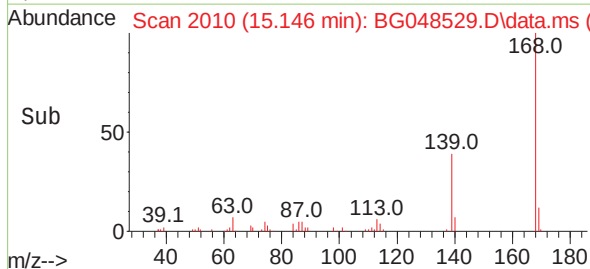
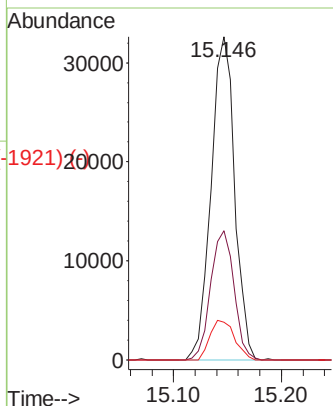
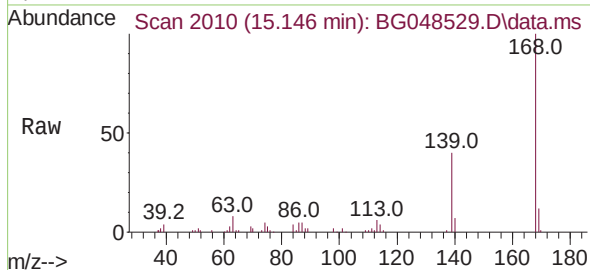
Abundance Scan 2009 (15.145 min): BG048516.D\data.ms (-1921) (-)

Dibenzofuran
Concen: 10.23 ng
RT: 15.146 min Scan# 2010
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

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

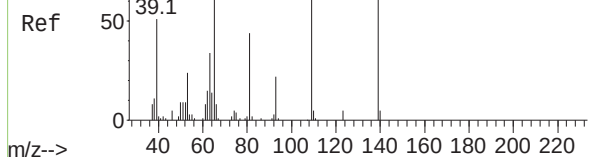


Tgt Ion:	168	Resp:	49786
Ion	Ratio	Lower	Upper
168	100		
139	40.0	33.7	50.5
169	11.7	12.5	18.7#

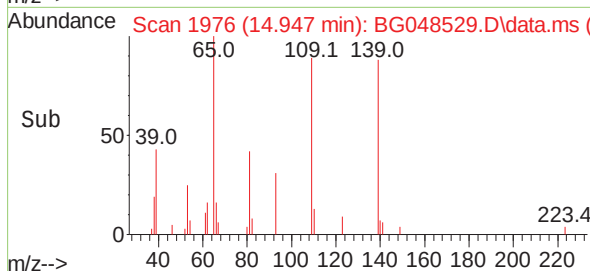
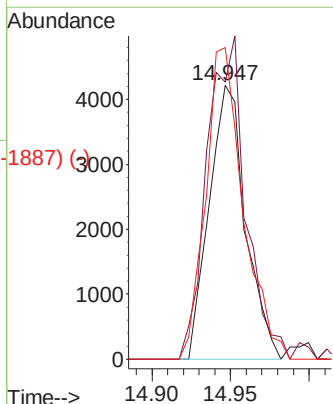
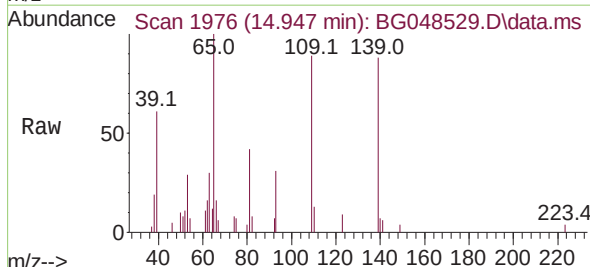


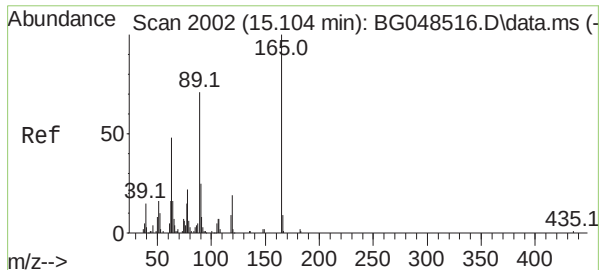
Abundance Scan 1976 (14.951 min): BG048516.D\data.ms (-1956) (-)

4-Nitrophenol
Concen: 9.49 ng
RT: 14.947 min Scan# 1976
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



Tgt Ion:	139	Resp:	6734
Ion	Ratio	Lower	Upper
139	100		
109	101.2	113.0	153.0#
65	113.7	109.4	149.4

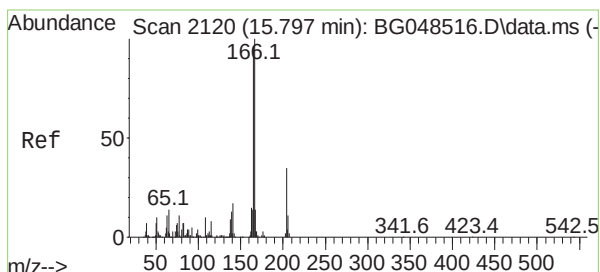
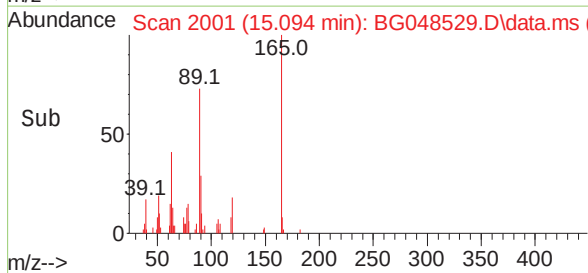
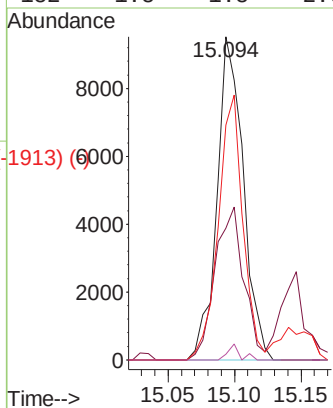
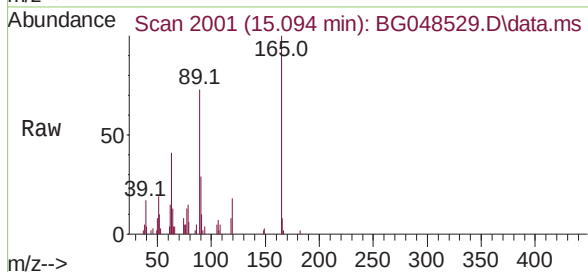




2,4-Dinitrotoluene
Concen: 10.29 ng
RT: 15.094 min Scan# 2001
Delta R.T. -0.014 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

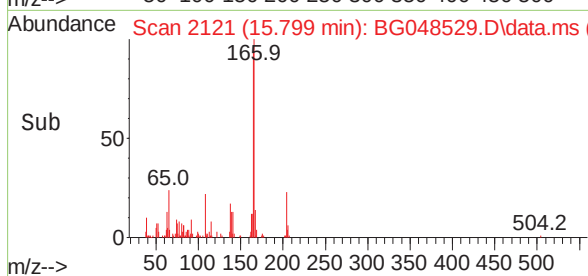
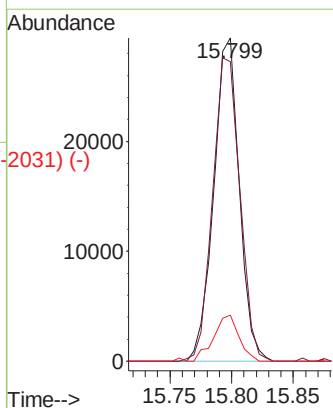
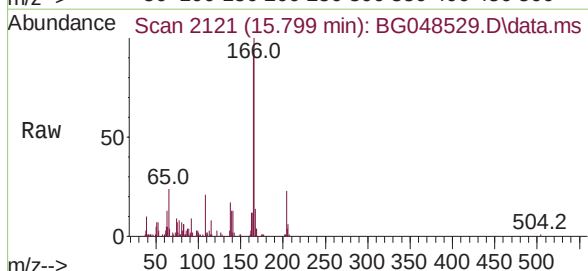
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Tgt Ion:	165	Resp:	13046
Ion Ratio	Lower	Upper	
165	100		
63	40.8	38.3	57.5
89	72.6	56.5	84.7
182	1.8	1.8	2.6



Fluorene
Concen: 10.41 ng
RT: 15.799 min Scan# 2121
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

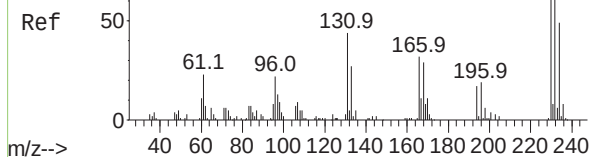
Tgt Ion:	166	Resp:	42386
Ion Ratio	Lower	Upper	
166	100		
165	92.8	76.8	115.2
167	14.3	11.1	16.7



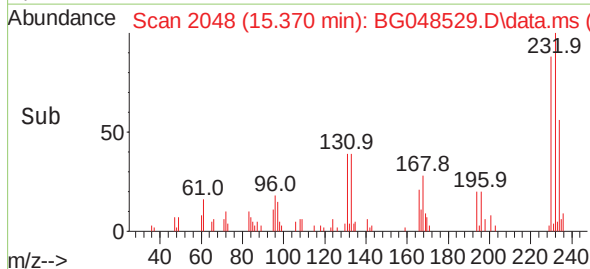
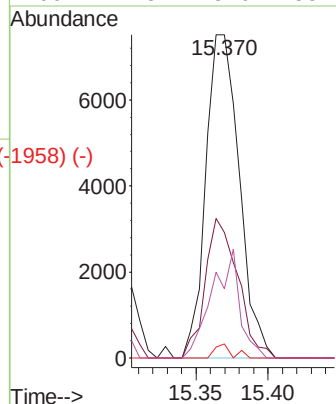
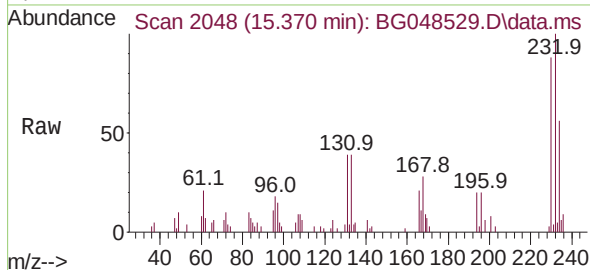
Abundance Scan 2047 (15.368 min): BG048516.D\data.ms (-2059) (-)

2,3,4,6-Tetrachlorophenol
Concen: 10.34 ng
RT: 15.370 min Scan# 2048
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

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

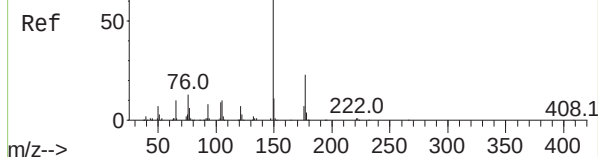


Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.2	35.0	52.4
130	2.2	2.4	3.6#
166	27.8	23.6	35.4

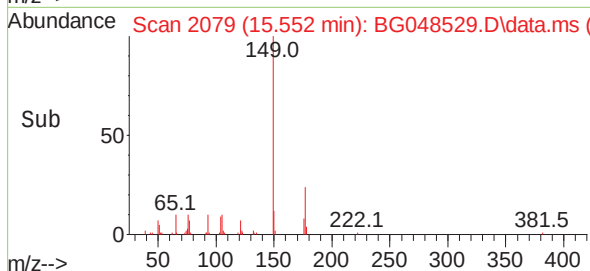
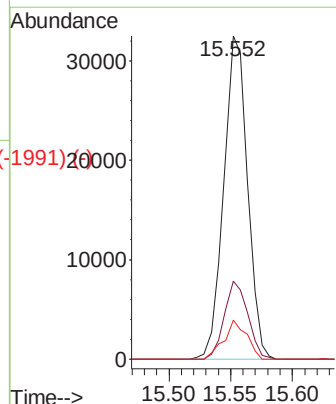
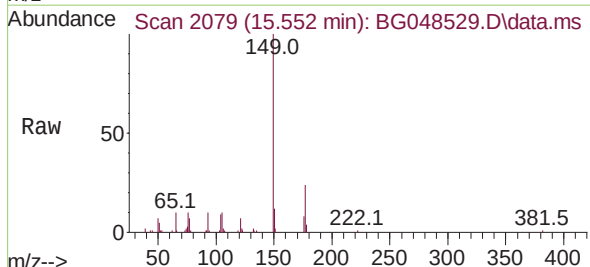


Abundance Scan 2079 (15.556 min): BG048516.D\data.ms (-2060) (-)

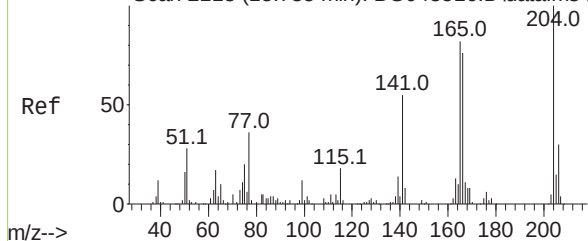
Diethylphthalate
Concen: 10.78 ng
RT: 15.552 min Scan# 2079
Delta R.T. -0.014 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.1	27.1
150	12.0	9.1	13.7



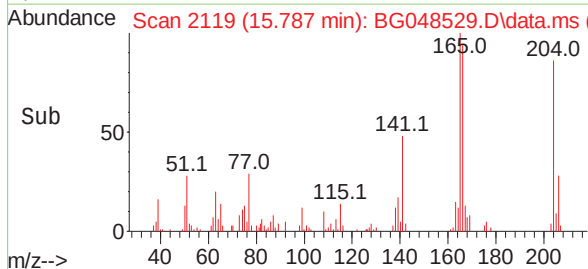
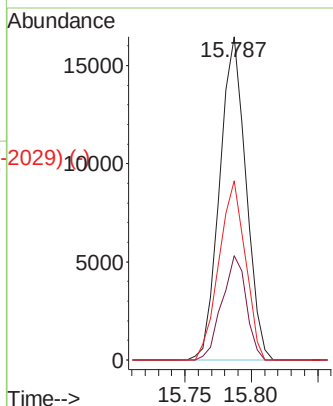
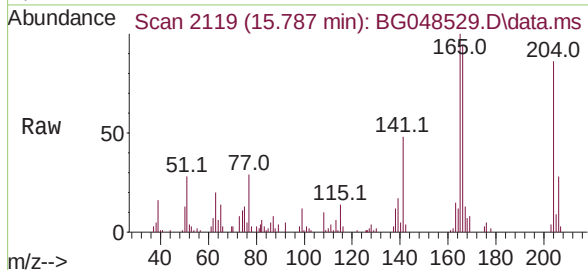
Abundance Scan 2118 (15.785 min): BG048516.D\data.ms (-2161) (-)



4-Chlorophenyl-phenylether
Concen: 10.29 ng
RT: 15.787 min Scan# 2119
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

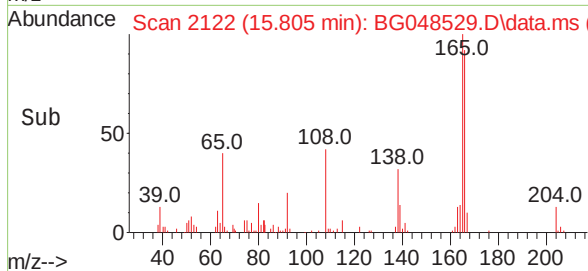
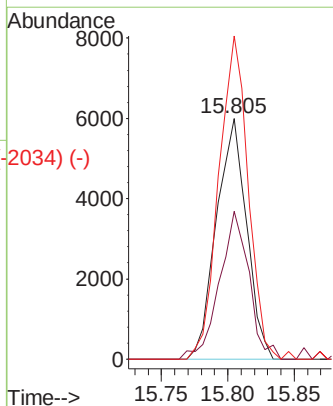
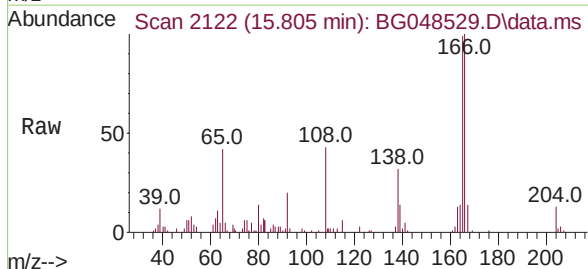
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Tgt Ion:	204	Resp:	22548
Ion Ratio	Lower	Upper	
204	100		
206	32.3	23.8	35.8
141	55.4	44.0	66.0

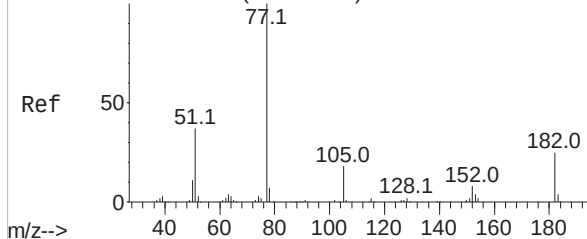


4-Nitroaniline
Concen: 10.28 ng
RT: 15.805 min Scan# 2122
Delta R.T. -0.014 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:	138	Resp:	9450
Ion Ratio	Lower	Upper	
138	100		
92	61.5	32.2	72.2
108	134.3	104.1	144.1



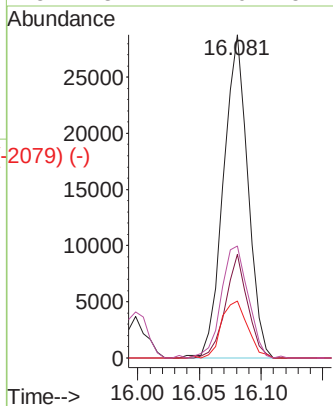
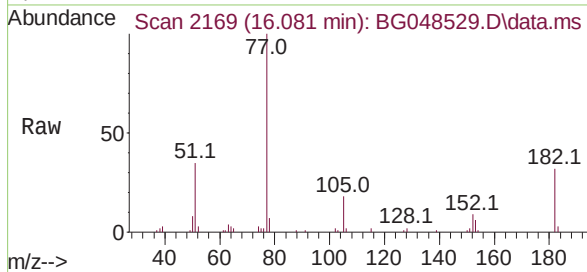
Abundance Scan 2168 (16.079 min): BG048516.D\data.ms (-2168) (-)



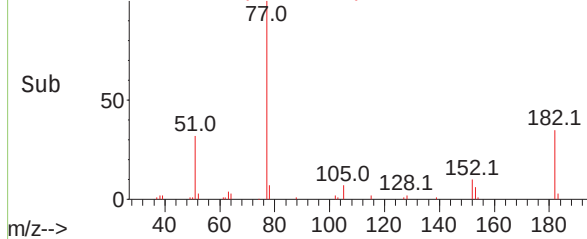
Azobenzene
Concen: 10.00 ng
RT: 16.081 min Scan# 2169
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

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

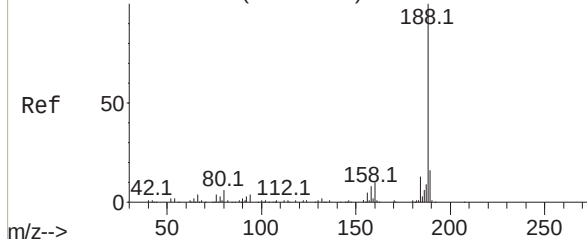
Tgt Ion: 77 Resp: 39604
Ion Ratio Lower Upper
77 100
182 32.0 5.3 45.3
105 17.7 0.0 37.8
51 34.7 17.0 57.0



Abundance Scan 2169 (16.081 min): BG048529.D\data.ms (-2079) (-)

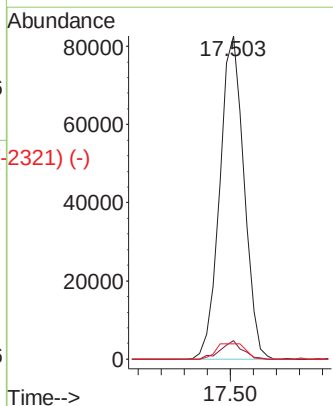
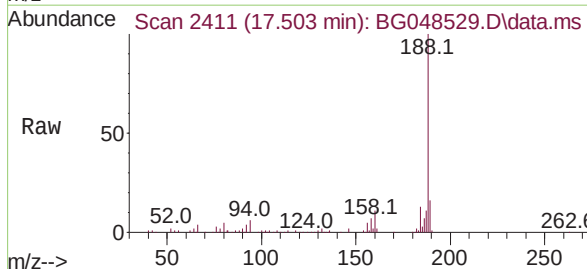


Abundance Scan 2410 (17.501 min): BG048516.D\data.ms (-2409) (-)

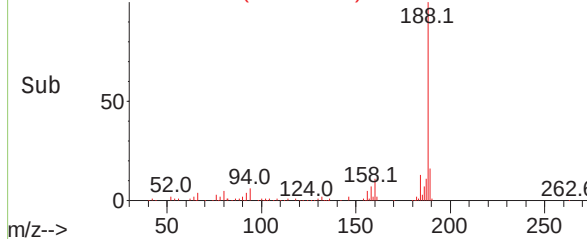


Phenanthrene-d10
Concen: 20.00 ng
RT: 17.503 min Scan# 2411
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

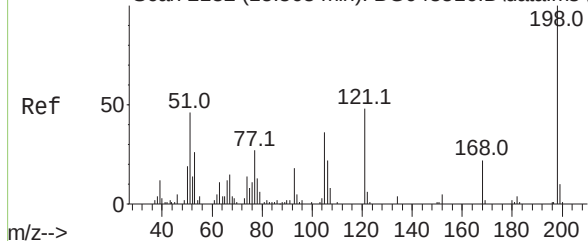
Tgt Ion: 188 Resp: 120955
Ion Ratio Lower Upper
188 100
94 5.8 3.0 4.6#
80 4.7 4.5 6.7



Abundance Scan 2411 (17.503 min): BG048529.D\data.ms (-2321) (-)



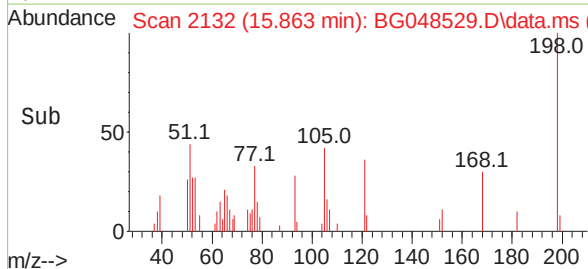
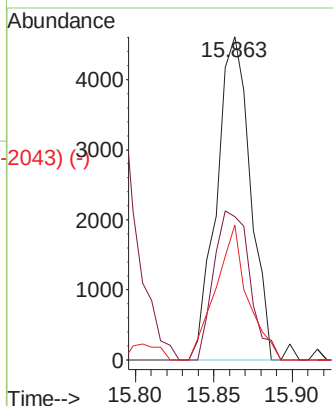
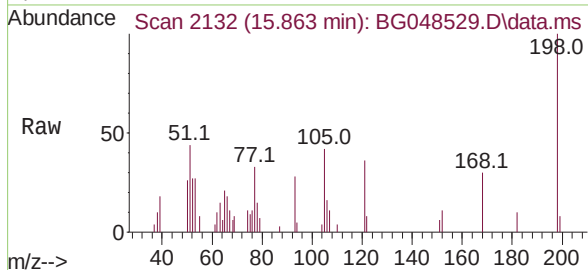
Abundance Scan 2132 (15.863 min): BG048516.D\data.ms (-2132) (-)



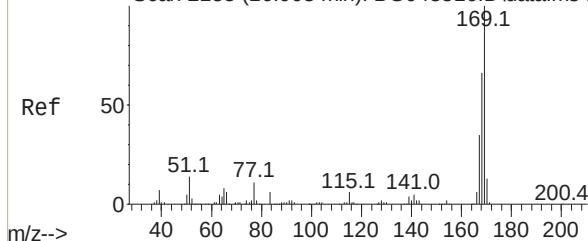
4,6-Dinitro-2-methylphenol
Concen: 9.44 ng
RT: 15.863 min Scan# 2132
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

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

Tgt Ion:	198	Resp:	6863
Ion	Ratio	Lower	Upper
198	100		
51	44.4	26.5	66.5
105	41.8	16.0	56.0

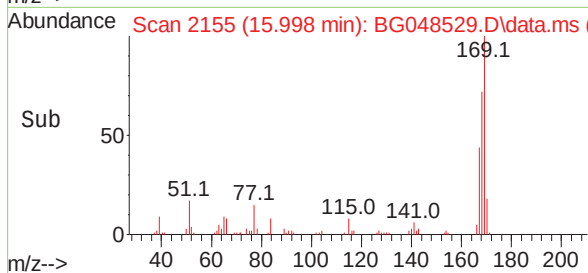
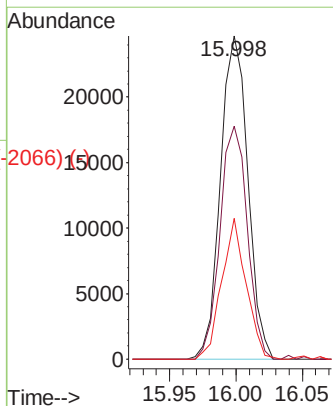
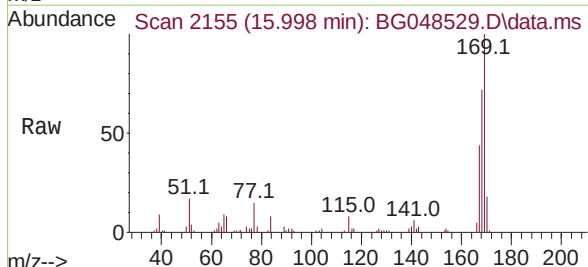


Abundance Scan 2155 (16.003 min): BG048516.D\data.ms (-2155) (-)



n-Nitrosodiphenylamine
Concen: 10.24 ng
RT: 15.998 min Scan# 2155
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:	169	Resp:	35252
Ion	Ratio	Lower	Upper
169	100		
168	72.1	52.7	79.1
167	43.7	27.8	41.8#



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

4-Bromophenyl-phenylether
Concen: 10.46 ng
RT: 16.686 min Scan# 2272
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

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

Ref 50 77.1 141.1 250.0

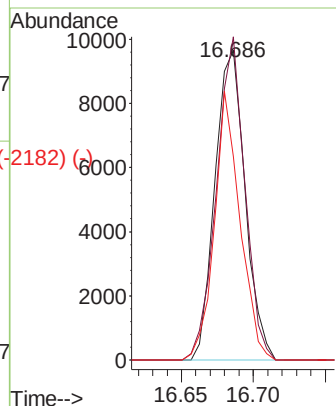
m/z-->

Tgt Ion:248 Resp: 14022
Ion Ratio Lower Upper
248 100
250 104.3 82.6 124.0
141 65.7 61.0 91.6

Abundance Scan 2272 (16.686 min): BG048529.D\data.ms

Raw 50 77.1 141.0 250.0

m/z-->



Abundance Scan 2272 (16.686 min): BG048529.D\data.ms (-2182) (-)

Sub 50 77.1 141.0 250.0

m/z-->

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

Hexachlorobenzene
Concen: 10.44 ng
RT: 16.803 min Scan# 2292
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Ref 50 36.1 71.0 106.9 141.9 176.9 213.8 248.8 283.8

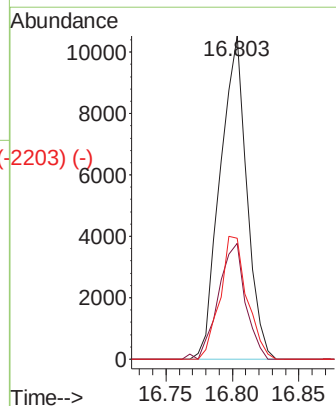
m/z-->

Tgt Ion:284 Resp: 14610
Ion Ratio Lower Upper
284 100
142 41.0 29.1 43.7
249 37.4 27.7 41.5

Abundance Scan 2292 (16.803 min): BG048529.D\data.ms

Raw 50 35.9 71.0 106.9 141.9 178.8 213.8 248.8 283.8

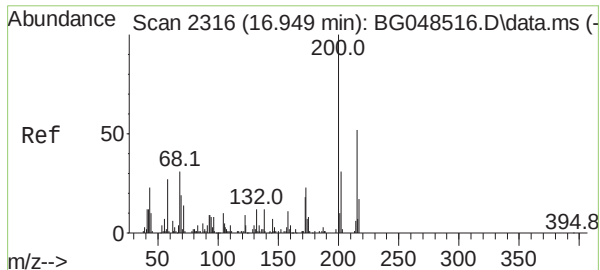
m/z-->



Abundance Scan 2292 (16.803 min): BG048529.D\data.ms (-2203) (-)

Sub 50 35.9 71.0 106.9 141.9 178.8 213.8 248.8 283.8

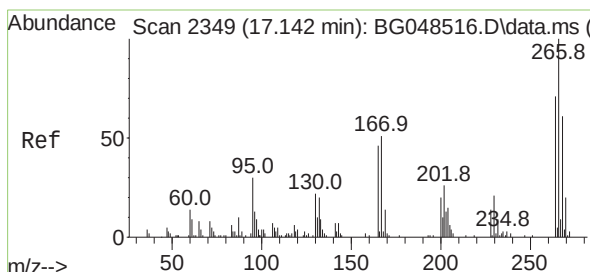
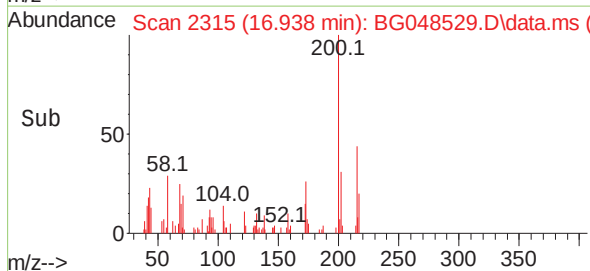
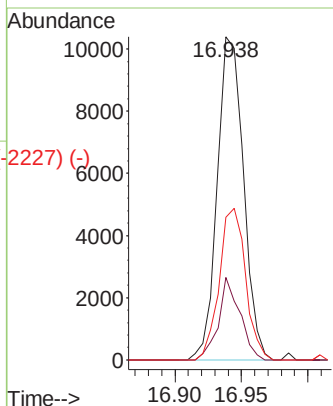
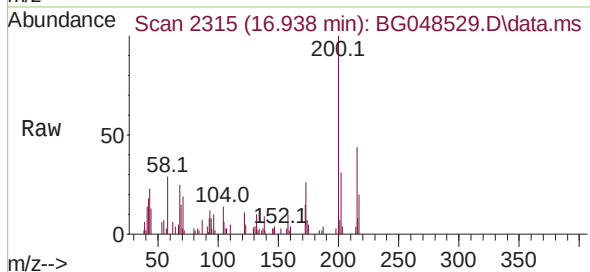
m/z-->



Atrazine
Concen: 10.13 ng
RT: 16.938 min Scan# 2315
Delta R.T. -0.014 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

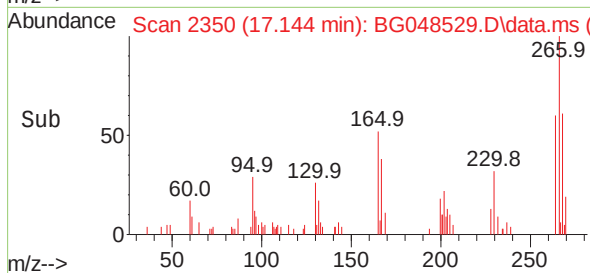
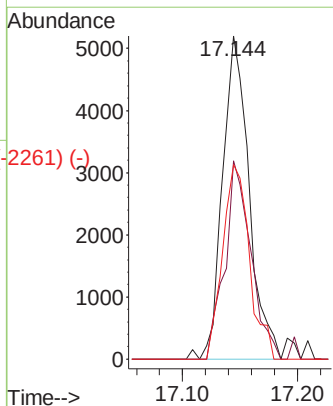
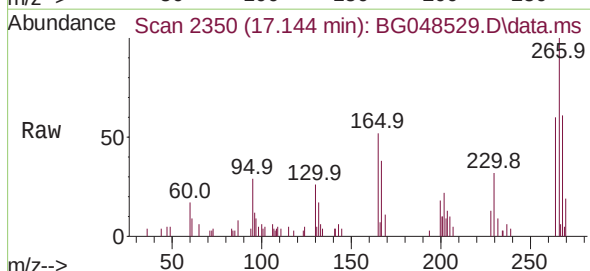
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

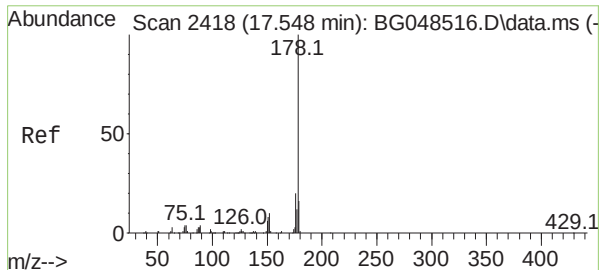
Tgt Ion:	200	Resp:	14217
Ion Ratio	Lower	Upper	
200	100		
173	25.5	2.8	42.8
215	44.2	31.7	71.7



Pentachlorophenol
Concen: 9.54 ng
RT: 17.144 min Scan# 2350
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:	266	Resp:	8298
Ion Ratio	Lower	Upper	
266	100		
268	61.4	48.6	73.0
264	60.2	56.4	84.6

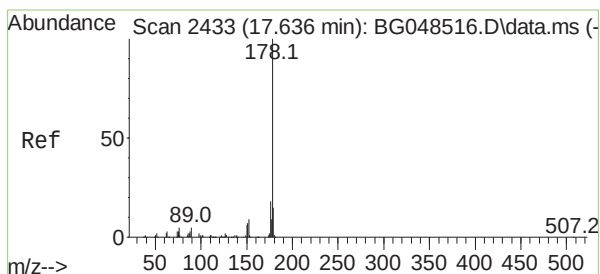
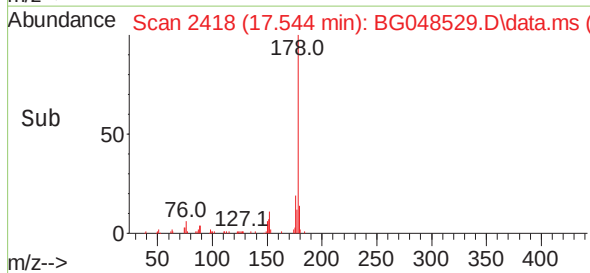
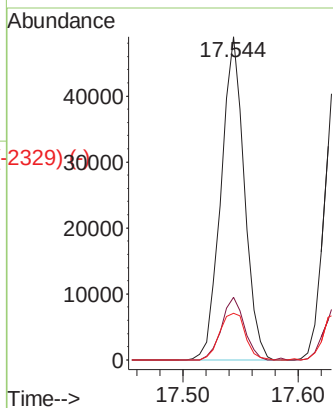
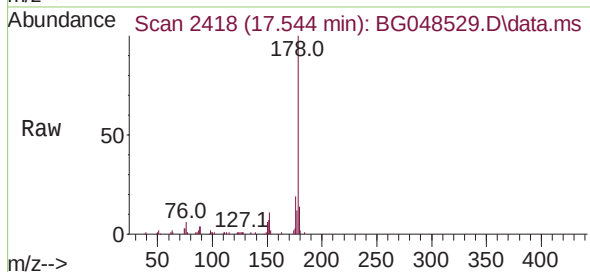




Phenanthrene
Concen: 10.99 ng
RT: 17.544 min Scan# 2418
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

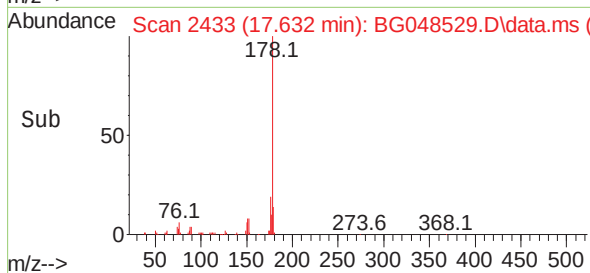
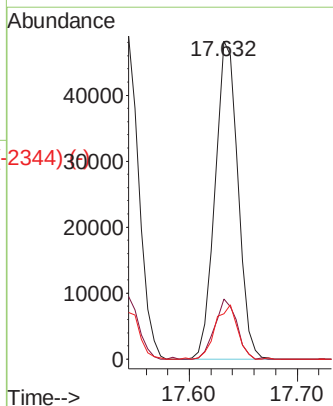
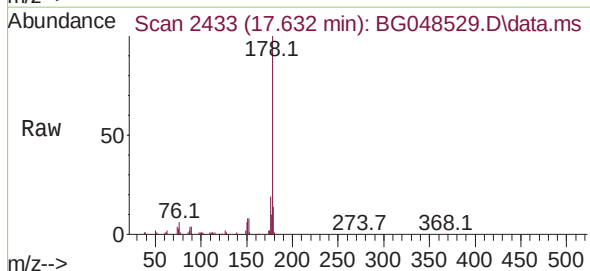
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Tgt Ion:	178	Resp:	69009
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	14.4	12.9	19.3

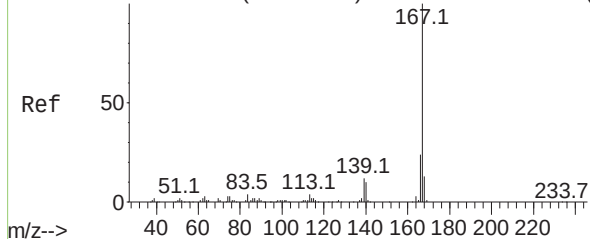


Anthracene
Concen: 11.42 ng
RT: 17.632 min Scan# 2433
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:	178	Resp:	71477
Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.1	21.1
179	14.3	11.9	17.9



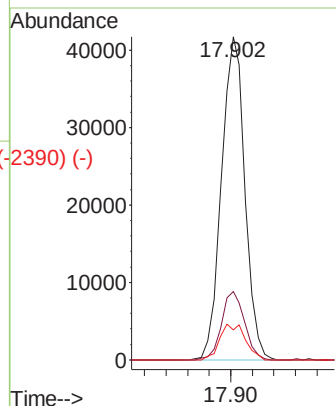
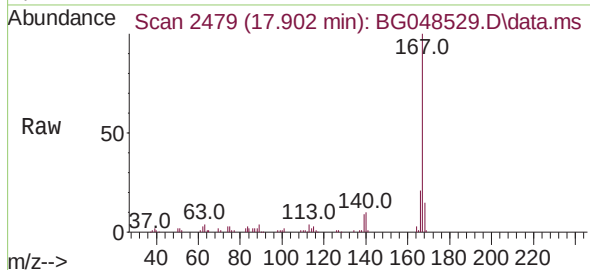
Abundance Scan 2479 (17.906 min): BG048516.D\data.ms (-2479) (-)



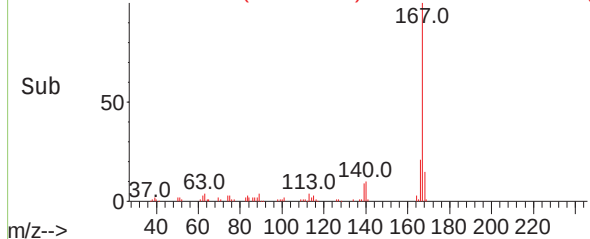
Carbazole
Concen: 10.67 ng
RT: 17.902 min Scan# 2479
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

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

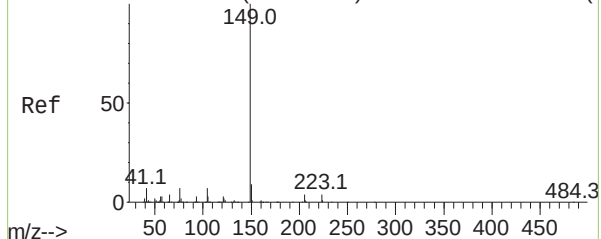
Tgt Ion:	167	Resp:	63327
Ion	Ratio	Lower	Upper
167	100		
166	21.2	19.0	28.6
139	9.3	10.0	15.0#



Abundance Scan 2479 (17.902 min): BG048529.D\data.ms (-2390) (-)

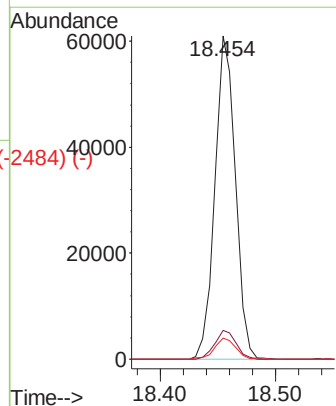
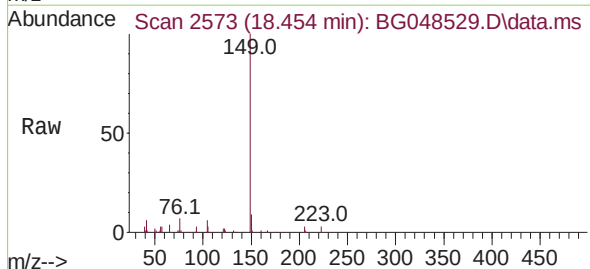


Abundance Scan 2573 (18.459 min): BG048516.D\data.ms (-2573) (-)

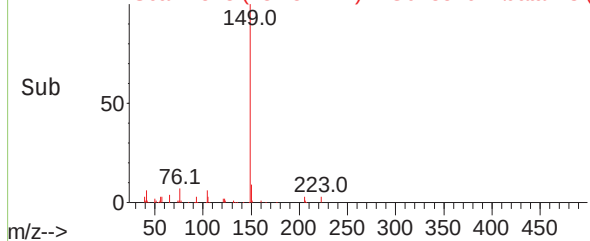


Di-n-butylphthalate
Concen: 11.38 ng
RT: 18.454 min Scan# 2573
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

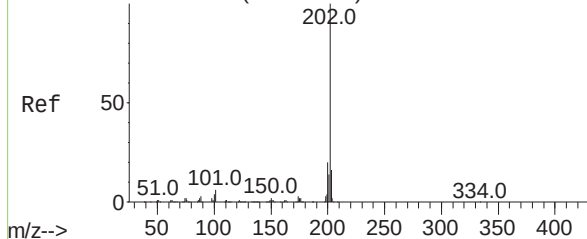
Tgt Ion:	149	Resp:	75428
Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.0	10.4
104	6.4	5.9	8.9



Abundance Scan 2573 (18.454 min): BG048529.D\data.ms (-2484) (-)



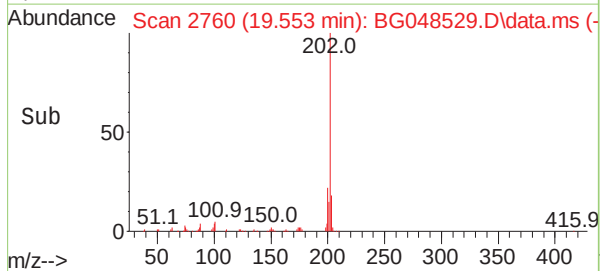
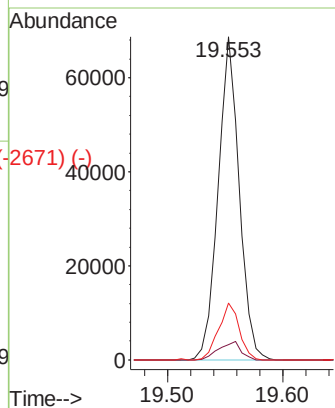
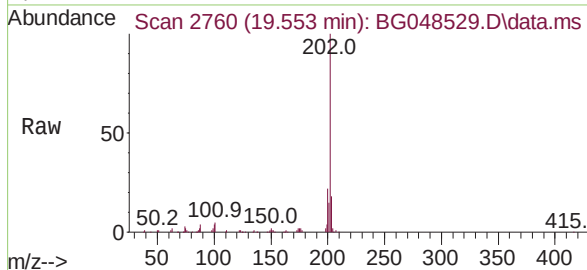
Abundance Scan 2760 (19.557 min): BG048516.D\data.ms (-275) (-)



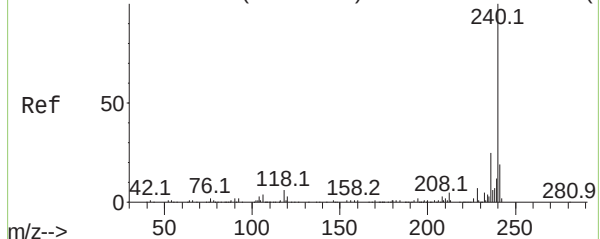
Fluoranthene
Concen: 11.26 ng
RT: 19.553 min Scan# 2760
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

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

Tgt Ion:	202	Resp:	87657
Ion	Ratio	Lower	Upper
202	100		
101	4.6	0.0	25.8
203	17.6	0.0	36.4

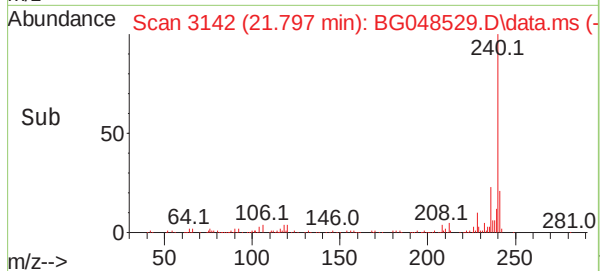
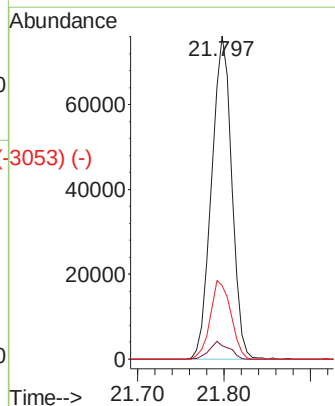
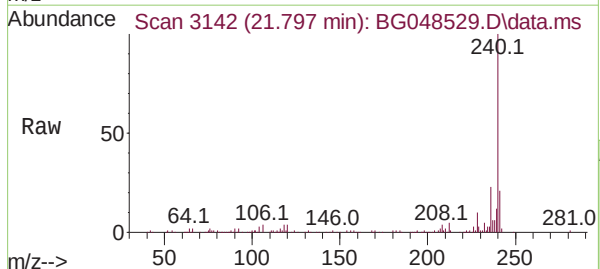


Abundance Scan 3142 (21.802 min): BG048516.D\data.ms (-3134) (-)

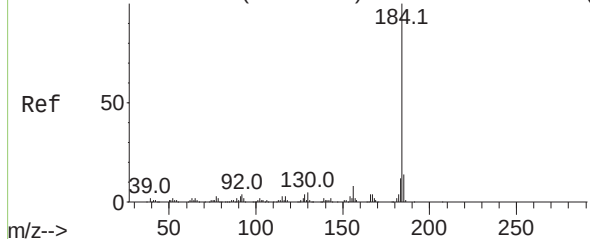


Chrysene-d12
Concen: 20.00 ng
RT: 21.797 min Scan# 3142
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:	240	Resp:	123811
Ion	Ratio	Lower	Upper
240	100		
120	4.0	2.6	3.8#
236	22.7	19.8	29.6



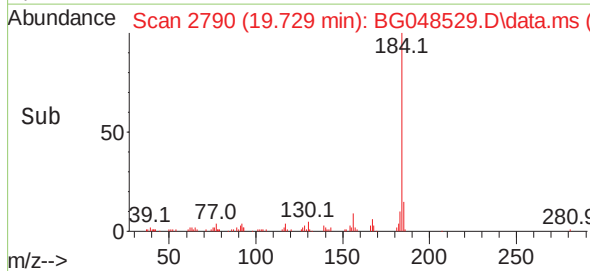
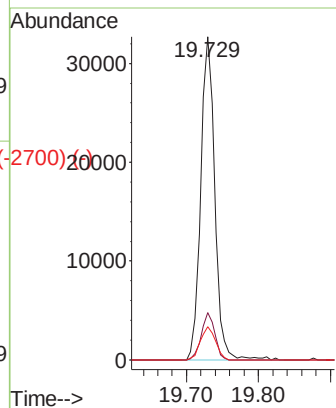
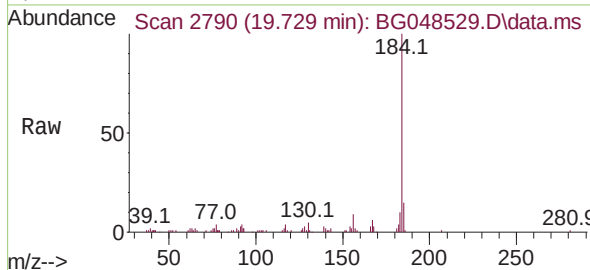
Abundance Scan 2790 (19.734 min): BG048516.D\data.ms (-277) (-)



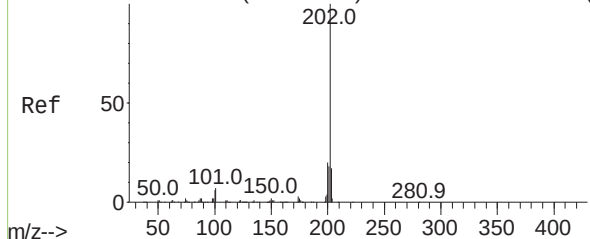
Benzidine
Concen: 10.51 ng
RT: 19.729 min Scan# 2790
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

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

Tgt Ion:	184	Resp:	44083
Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.0	16.4
183	10.3	9.2	13.8

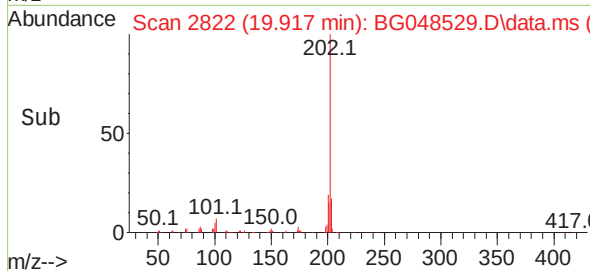
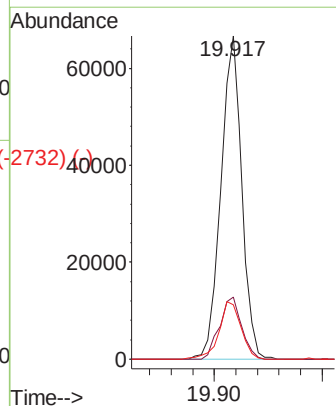
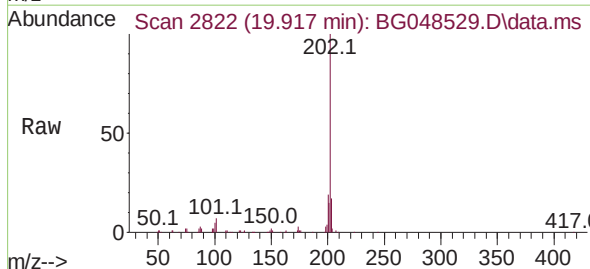


Abundance Scan 2821 (19.916 min): BG048516.D\data.ms (-273) (-)

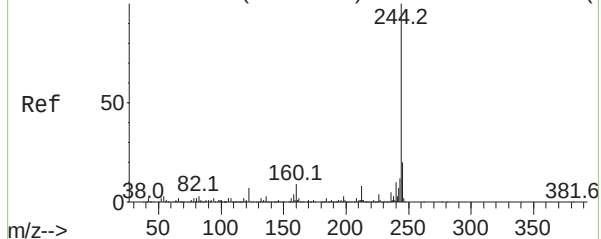


Pyrene
Concen: 10.61 ng
RT: 19.917 min Scan# 2822
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:	202	Resp:	90350
Ion	Ratio	Lower	Upper
202	100		
200	19.2	16.1	24.1
203	16.9	13.6	20.4



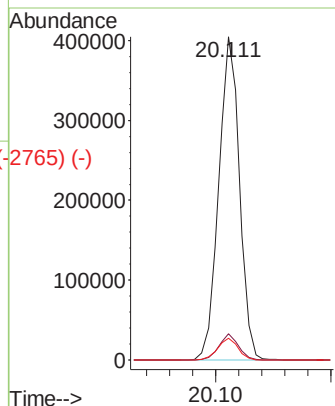
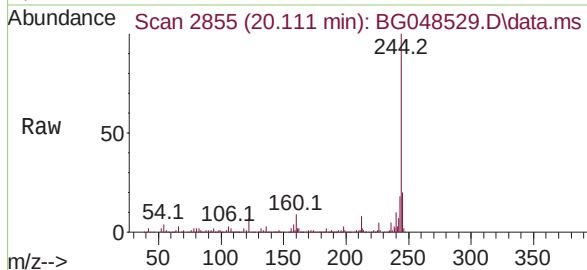
Abundance Scan 2854 (20.110 min): BG048516.D\data.ms (-2679) (-)



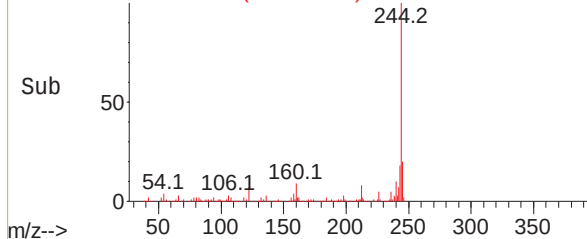
Terphenyl-d14
Concen: 74.84 ng
RT: 20.111 min Scan# 2855
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

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

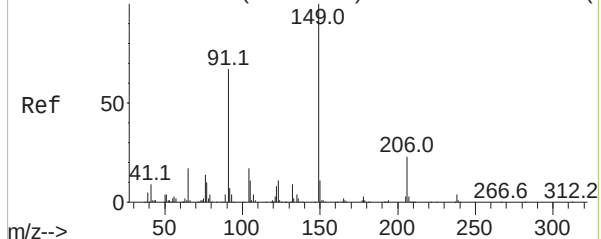
Tgt Ion:	244	Resp:	506670
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	6.7	5.8	8.6



Abundance Scan 2855 (20.111 min): BG048529.D\data.ms (-2765) (-)

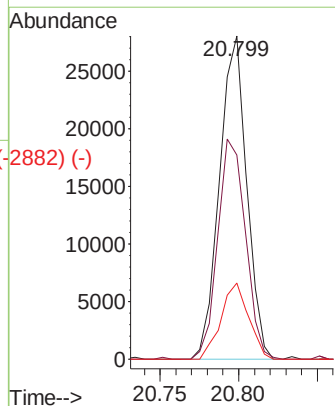
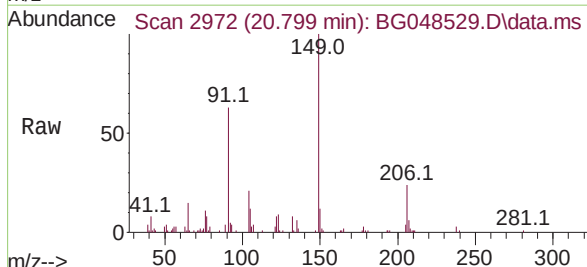


Abundance Scan 2971 (20.797 min): BG048516.D\data.ms (-2686) (-)

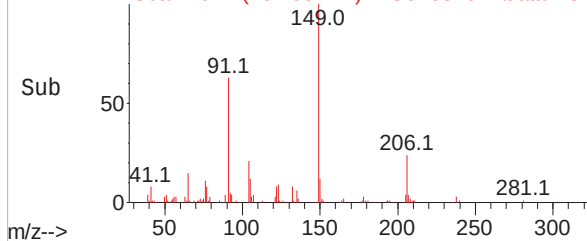


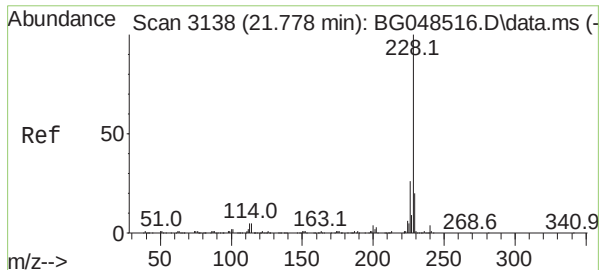
Butylbenzylphthalate
Concen: 10.69 ng
RT: 20.799 min Scan# 2972
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:	149	Resp:	33795
Ion	Ratio	Lower	Upper
149	100		
91	63.2	53.6	80.4
206	23.6	18.3	27.5



Abundance Scan 2972 (20.799 min): BG048529.D\data.ms (-2882) (-)

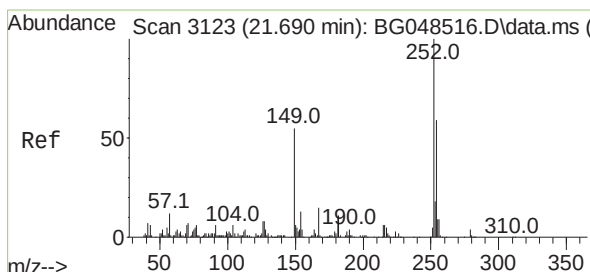
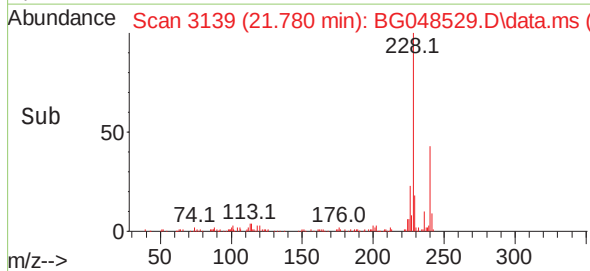
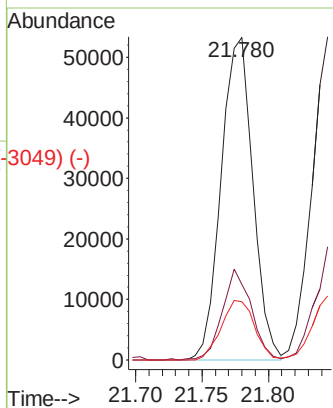
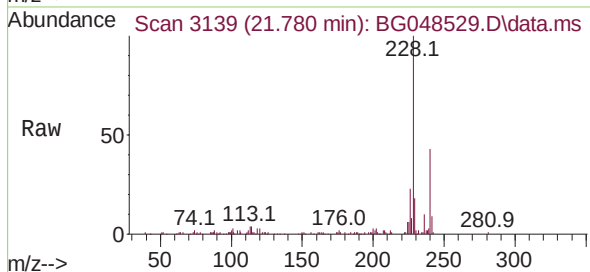




Benzo(a)anthracene
 Concen: 10.69 ng
 RT: 21.780 min Scan# 3139
 Delta R.T. -0.002 min
 Lab File: BG048529.D
 Acq: 31 Mar 2021 15:54

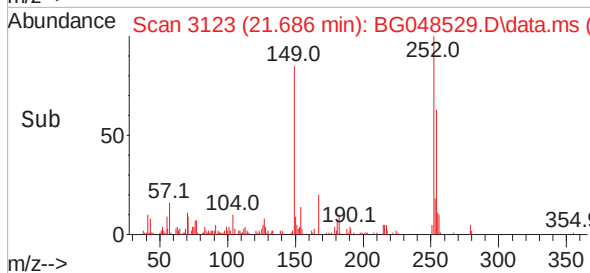
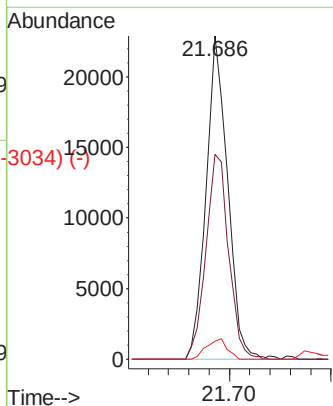
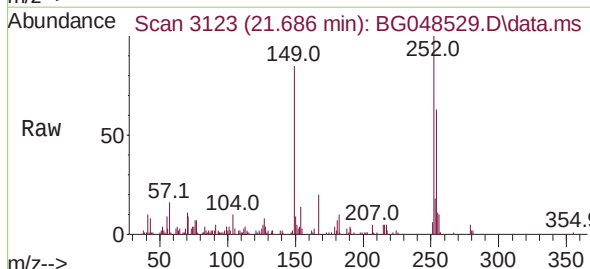
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

Tgt Ion:	228	Resp:	88405
Ion	Ratio	Lower	Upper
228	100		
226	23.4	20.6	30.8
229	18.1	15.8	23.8

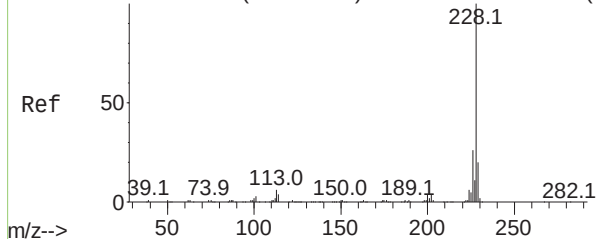


3,3'-Dichlorobenzidine
 Concen: 11.85 ng
 RT: 21.686 min Scan# 3123
 Delta R.T. -0.008 min
 Lab File: BG048529.D
 Acq: 31 Mar 2021 15:54

Tgt Ion:	252	Resp:	33663
Ion	Ratio	Lower	Upper
252	100		
254	63.3	47.4	71.2
126	5.5	6.1	9.1#



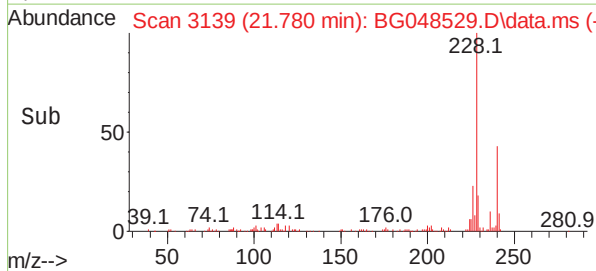
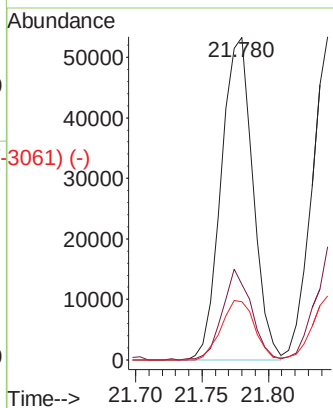
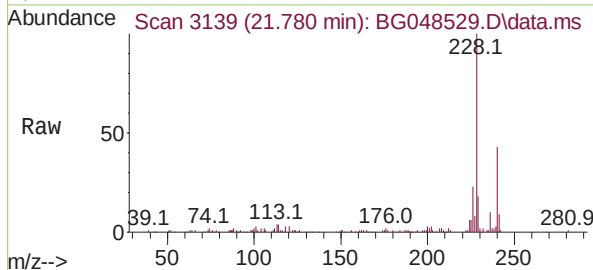
Abundance Scan 3150 (21.849 min): BG048516.D\data.ms (-3184) (-)



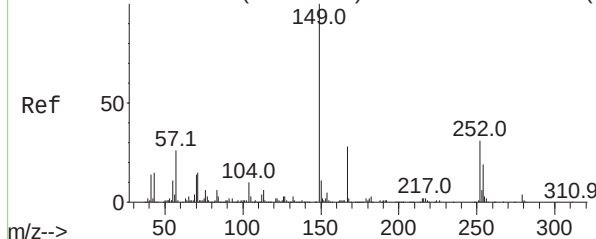
Chrysene
Concen: 11.20 ng
RT: 21.780 min Scan# 3139
Delta R.T. -0.072 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

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

Tgt Ion:	228	Resp:	88405
Ion	Ratio	Lower	Upper
228	100		
226	23.4	20.6	31.0
229	18.1	16.3	24.5

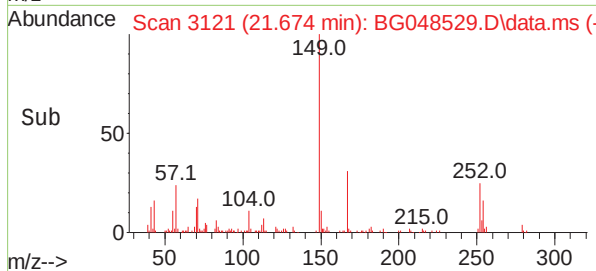
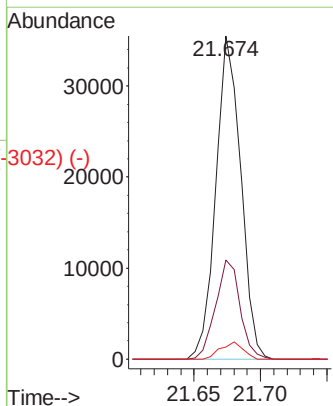
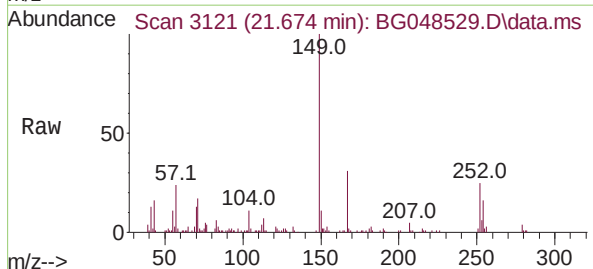


Abundance Scan 3121 (21.678 min): BG048516.D\data.ms (-3184) (-)

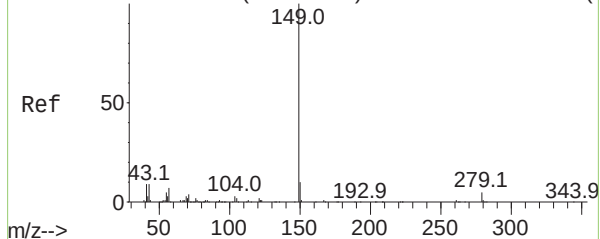


Bis(2-ethylhexyl)phthalate
Concen: 10.44 ng
RT: 21.674 min Scan# 3121
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:	149	Resp:	45972
Ion	Ratio	Lower	Upper
149	100		
167	30.7	22.4	33.6
279	3.7	3.4	5.2



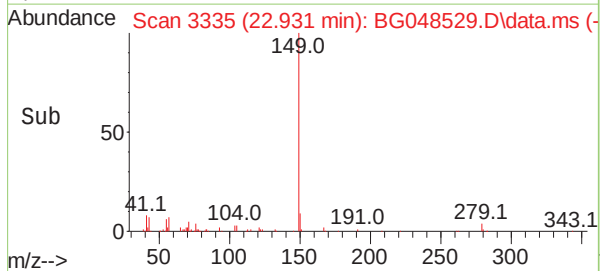
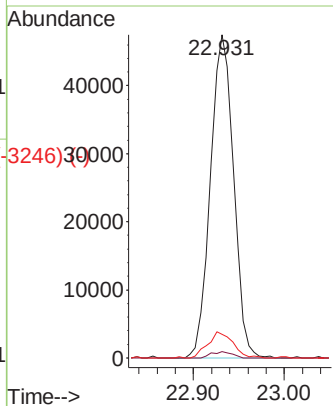
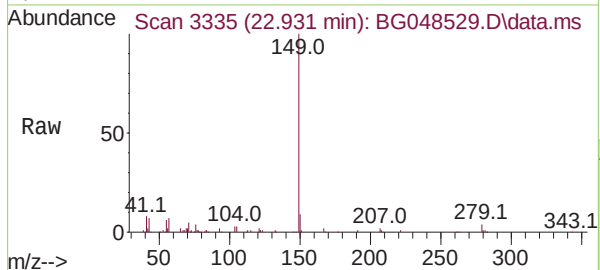
Abundance Scan 3335 (22.936 min): BG048516.D\data.ms (-3325) (-)



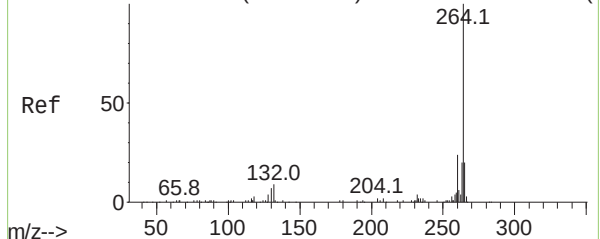
Di-n-octyl phthalate
Concen: 10.96 ng
RT: 22.931 min Scan# 3335
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

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

Tgt Ion:	149	Resp:	84131
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	8.8	7.4	11.0

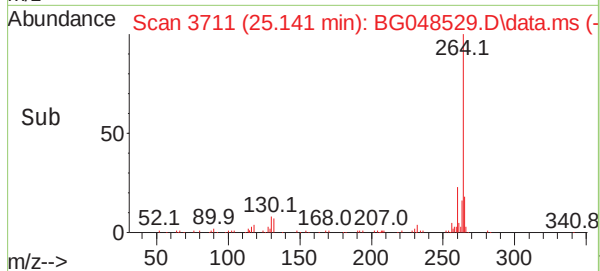
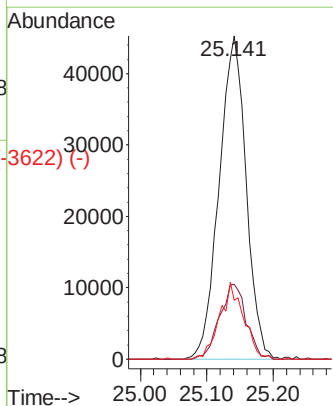
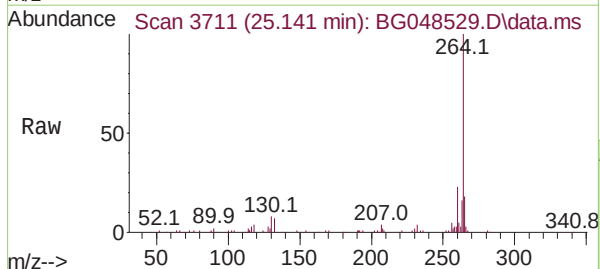


Abundance Scan 3711 (25.145 min): BG048516.D\data.ms (-3696) (-)

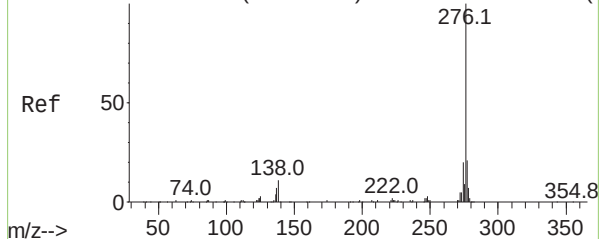


Perylene-d12
Concen: 20.00 ng
RT: 25.141 min Scan# 3711
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:	264	Resp:	127224
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	18.3	16.1	24.1



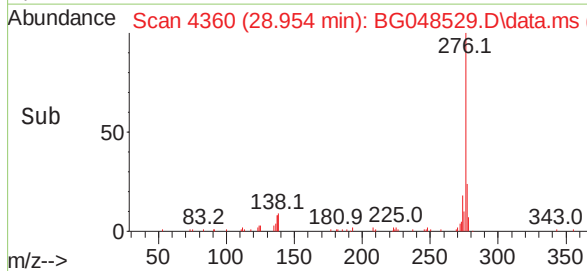
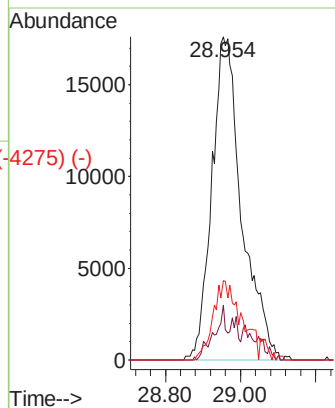
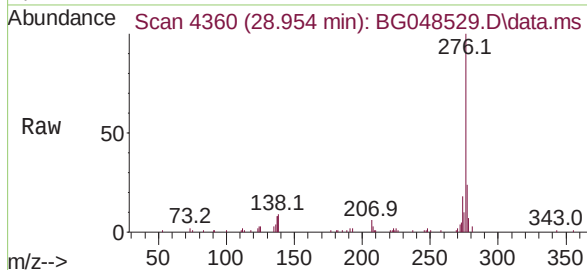
Abundance Scan 4363 (28.976 min): BG048516.D\data.ms (-4363) (-)



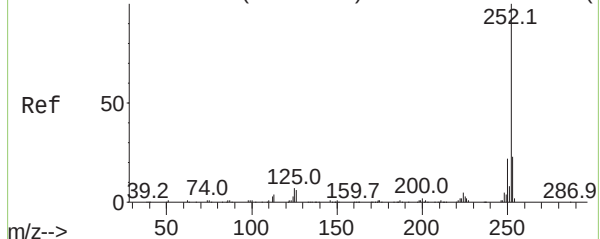
Indeno(1,2,3-cd)pyrene
Concen: 10.91 ng
RT: 28.954 min Scan# 4360
Delta R.T. -0.031 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

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

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.7	7.8	11.8#
277	20.3	0.0	0.0#

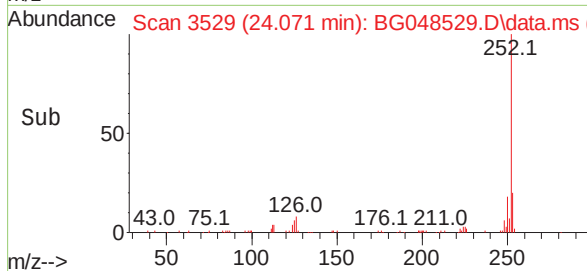
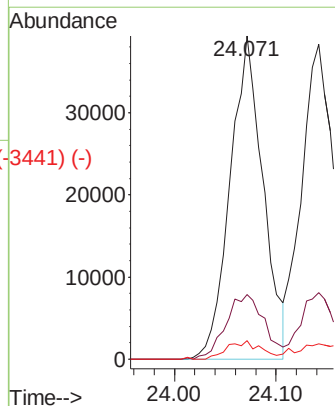
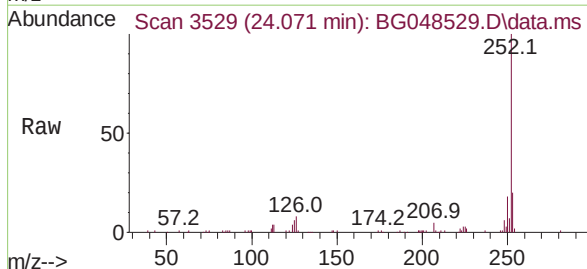


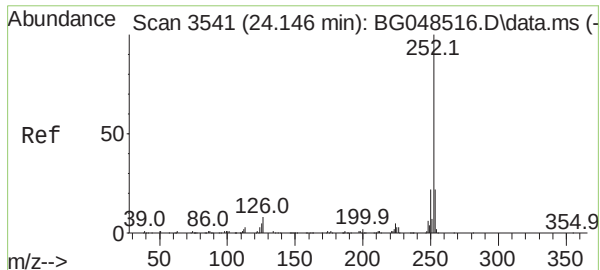
Abundance Scan 3529 (24.076 min): BG048516.D\data.ms (-3529) (-)



Benzo(b)fluoranthene
Concen: 10.78 ng
RT: 24.071 min Scan# 3529
Delta R.T. -0.014 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.0	18.2	27.4
125	5.6	5.3	7.9

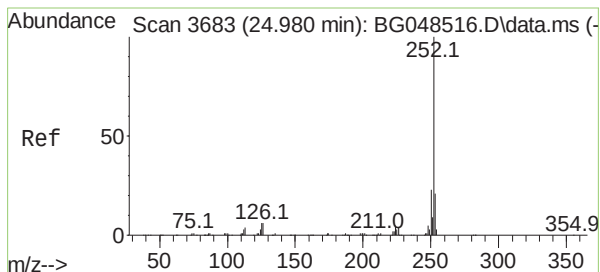
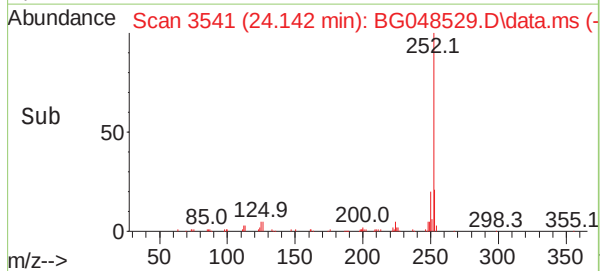
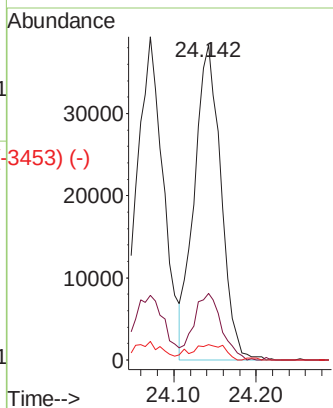
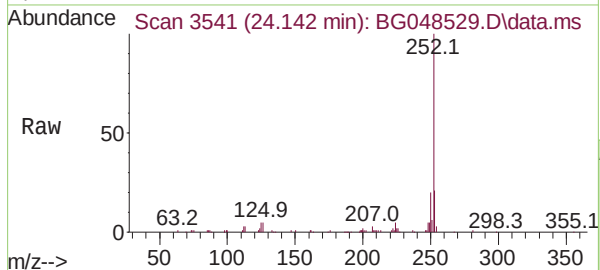




Benzo(k)fluoranthene
 Concen: 10.81 ng
 RT: 24.142 min Scan# 3541
 Delta R.T. -0.014 min
 Lab File: BG048529.D
 Acq: 31 Mar 2021 15:54

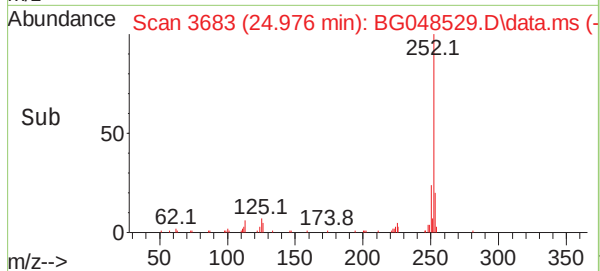
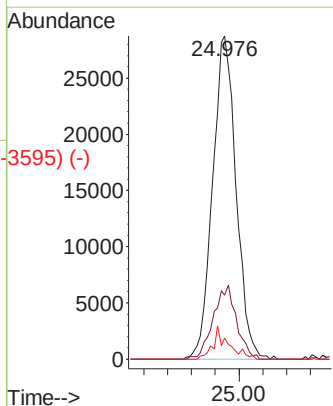
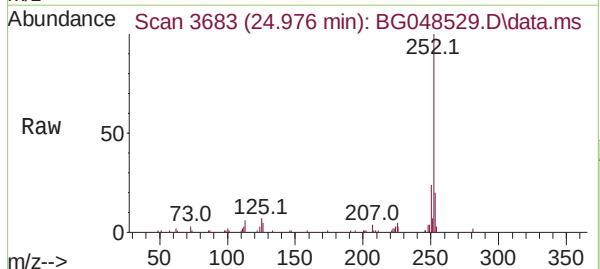
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

Tgt Ion:	252	Resp:	85864
Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.9	26.9
125	4.8	3.9	5.9



Benzo(a)pyrene
 Concen: 10.29 ng
 RT: 24.976 min Scan# 3683
 Delta R.T. -0.014 min
 Lab File: BG048529.D
 Acq: 31 Mar 2021 15:54

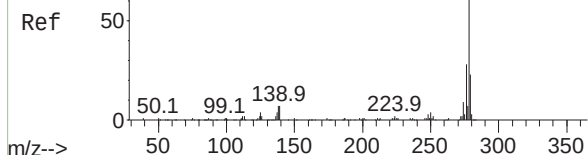
Tgt Ion:	252	Resp:	78393
Ion	Ratio	Lower	Upper
252	100		
253	19.8	17.1	25.7
125	6.6	4.4	6.6



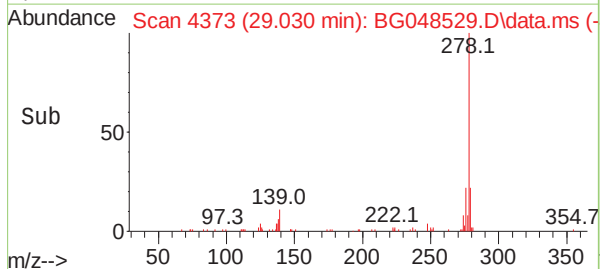
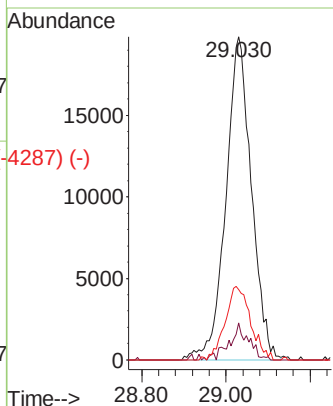
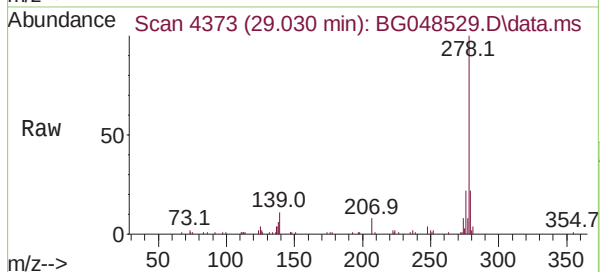
Abundance Scan 4374 (29.040 min): BG048516.D\data.ms (-4374) (-)

Dibenzo(a,h)anthracene
Concen: 10.93 ng
RT: 29.030 min Scan# 4373
Delta R.T. -0.025 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

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

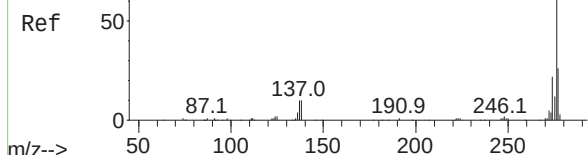


Tgt Ion:	278	Resp:	83186
Ion Ratio	Lower	Upper	
278	100		
139	11.5	5.8	8.6#
279	21.8	18.6	28.0



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

Benzo(g,h,i)perylene
Concen: 5.30 ng
RT: 30.141 min Scan# 4562
Delta R.T. -0.049 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



Tgt Ion:	276	Resp:	39478
Ion Ratio	Lower	Upper	
276	100		
277	20.0	20.4	30.6#
138	8.8	8.1	12.1

