

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122116\
 Data File : BG025370.D
 Acq On : 21 Dec 2016 23:21
 Operator : UM/SJ
 Sample : H6103-02
 Misc : L00 20 PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2017

Manual Integrations
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 12/22/2016 7:03:34 PM

Quant Time: Dec 22 04:52:39 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	49011	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	205634	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	165185	20.00	ng	0.00
63) Phenanthrene-d10	17.59	188	392120	20.00	ng	0.00
75) Chrysene-d12	21.87	240	564886	20.00	ng	0.00
86) Perylene-d12	25.28	264	598850	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.75	112	460688	170.86	ng	0.00
7) Phenol-d6	7.37	99	624321	164.40	ng	0.00
23) Nitrobenzene-d5	9.40	82	519505	111.61	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	385017	144.78	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	1107009	108.50	ng	0.00
78) Terphenyl-d14	20.16	244	2155003	101.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	17069	14.84	ng	# 89
3) Pyridine	4.01	79	48811	14.64	ng	# 83
4) n-Nitrosodimethylamine	3.92	42	29150	14.73	ng	# 85
6) Aniline	7.54	93	56205	10.92	ng	95
8) 2-Chlorophenol	7.77	128	50304	16.54	ng	93
9) Benzaldehyde	7.36	77	42326	15.23	ng	97
10) Phenol	7.40	94	70869	16.83	ng	89
11) bis(2-Chloroethyl)ether	7.62	93	49951	15.40	ng	97
12) 1,3-Dichlorobenzene	8.10	146	60637	16.47	ng	93
13) 1,4-Dichlorobenzene	8.25	146	58557	15.35	ng	93
14) 1,2-Dichlorobenzene	8.57	146	58269	16.01	ng	93
15) Benzyl Alcohol	8.46	79	56487	15.58	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.73	45	98858	16.46	ng	84
17) 2-Methylphenol	8.66	107	48659	17.60	ng	94
18) Hexachloroethane	9.30	117	21857	14.92	ng	# 73
19) n-Nitroso-di-n-propylamine	9.01	70	50013	15.59	ng	# 97
20) 3+4-Methylphenols	9.00	107	65574	17.14	ng	97
22) Acetophenone	9.05	105	92380	16.17	ng	# 94
24) Nitrobenzene	9.44	77	79805	15.63	ng	94
25) Isophorone	9.95	82	132862	15.76	ng	95
26) 2-Nitrophenol	10.15	139	30266	15.50	ng	93
27) 2,4-Dimethylphenol	10.20	122	55183	17.19	ng	96
28) bis(2-Chloroethoxy)methane	10.42	93	66072	15.10	ng	98
29) 2,4-Dichlorophenol	10.71	162	56850	16.55	ng	89
30) 1,2,4-Trichlorobenzene	10.90	180	63729	15.36	ng	95
31) Naphthalene	11.09	128	159801	15.56	ng	96
32) Benzoic acid	10.31	122	32413m	12.56	ng	
33) 4-Chloroaniline	11.21	127	37083	8.59	ng	# 95
34) Hexachlorobutadiene	11.35	225	55611	16.42	ng	92
35) Caprolactam	11.97	113	18589	14.40	ng	95
36) 4-Chloro-3-methylphenol	12.32	107	67043	15.81	ng	98
37) 2-Methylnaphthalene	12.68	142	115521	15.18	ng	87
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	85270	15.64	ng	# 97
40) Hexachlorocyclopentadiene	13.00	237	15065	15.27	ng	87

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 LOQ-SOIL-02-QT1-2017

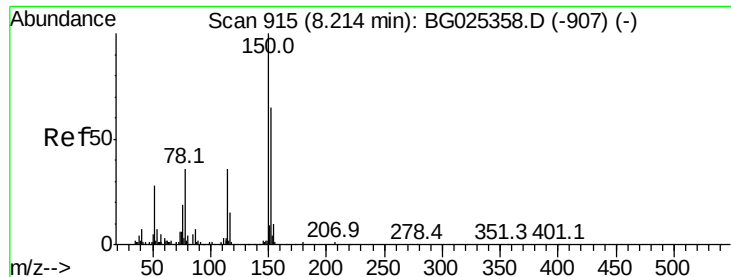
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Quant Time: Dec 22 04:52:39 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	53439	15.56	nq	91
43) 2,4,5-Trichlorophenol	13.37	196	56636m	15.76	nq	
45) 1,1'-Biphenyl	13.67	154	181413	16.33	nq	94
46) 2-Chloronaphthalene	13.73	162	136115	15.68	nq	93
47) 2-Nitroaniline	13.94	65	58207	15.89	nq	95
48) Acenaphthylene	14.57	152	213457	15.87	nq	95
49) Dimethylphthalate	14.28	163	188701	15.67	nq	# 93
50) 2,6-Dinitrotoluene	14.42	165	37857	14.39	nq	90
51) Acenaphthene	14.90	154	137498	15.63	nq	95
52) 3-Nitroaniline	14.77	138	28827	11.40	nq	99
53) 2,4-Dinitrophenol	14.99	184	13462	12.39	nq	90
54) Dibenzofuran	15.24	168	228112	16.40	nq	94
55) 4-Nitrophenol	15.09	139	25743	13.63	nq	# 87
56) 2,4-Dinitrotoluene	15.22	165	59644	15.57	nq	# 82
57) Fluorene	15.88	166	185178	15.90	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.47	232	57770	15.00	nq	95
59) Diethylphthalate	15.62	149	193362	15.31	nq	93
60) 4-Chlorophenyl-phenylether	15.86	204	99889	15.13	nq	98
61) 4-Nitroaniline	15.92	138	41515	16.31	nq	92
62) Azobenzene	16.16	77	191409	15.72	nq	97
64) 4,6-Dinitro-2-methylphenol	15.98	198	38565	14.20	nq	96
65) n-Nitrosodiphenylamine	16.08	169	167415	15.80	nq	96
66) 4-Bromophenyl-phenylether	16.76	248	74840	15.47	nq	95
67) Hexachlorobenzene	16.88	284	84310	15.19	nq	# 88
68) Atrazine	17.02	200	55922	12.04	nq	96
69) Pentachlorophenol	17.24	266	36777	12.78	nq	92
70) Phenanthrene	17.63	178	320648	15.87	nq	92
71) Anthracene	17.72	178	317672	15.47	nq	96
72) Carbazole	18.00	167	286499	15.60	nq	# 94
73) Di-n-butylphthalate	18.50	149	356385	15.77	nq	97
74) Fluoranthene	19.62	202	442314	16.57	nq	93
76) Benzidine	19.80	184	137390	9.75	nq	97
77) Pyrene	19.99	202	463824	15.71	nq	93
79) Butylbenzylphthalate	20.83	149	188877	15.93	nq	96
80) Benzo(a)anthracene	21.86	228	505033	16.03	nq	96
81) 3,3'-Dichlorobenzidine	21.76	252	114473	9.35	nq	94
82) Chrysene	21.93	228	493694	16.34	nq	94
83) Bis(2-ethylhexyl)phthalate	21.70	149	265155	16.07	nq	96
84) Di-n-octyl phthalate	22.96	149	441361	16.12	nq	96
85) Indeno(1,2,3-cd)pyrene	29.21	276	606405	15.79	nq	# 58
87) Benzo(b)fluoranthene	24.19	252	524029	16.04	nq	# 96
88) Benzo(k)fluoranthene	24.26	252	494450	15.67	nq	# 98
89) Benzo(a)pyrene	25.12	252	504846	16.00	nq	# 94
90) Dibenzo(a,h)anthracene	29.25	278	519052	15.52	nq	97
91) Benzo(g,h,i)perylene	30.44	276	516404	15.54	nq	95

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



#1

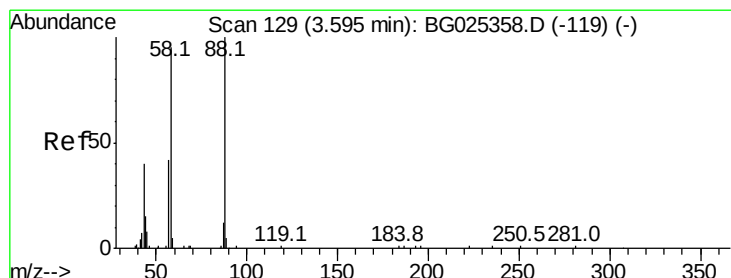
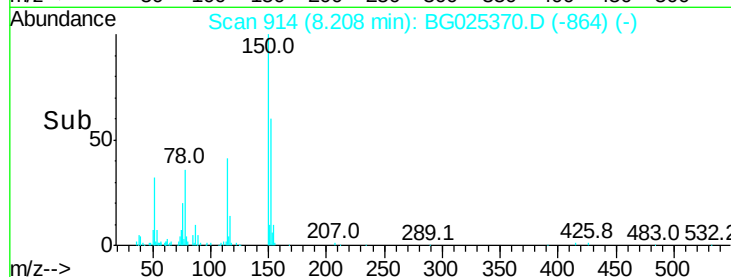
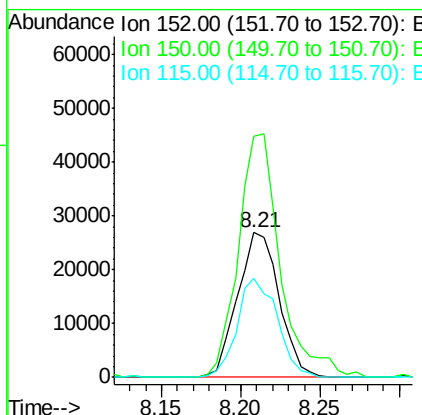
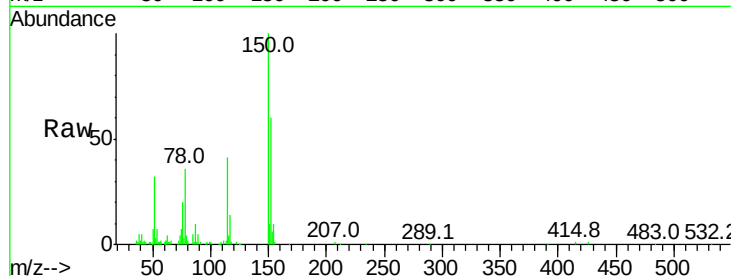
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Concen: 20.00 ng
RT: 8.21 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.7	114.0	171.0
115	68.4	48.1	72.1

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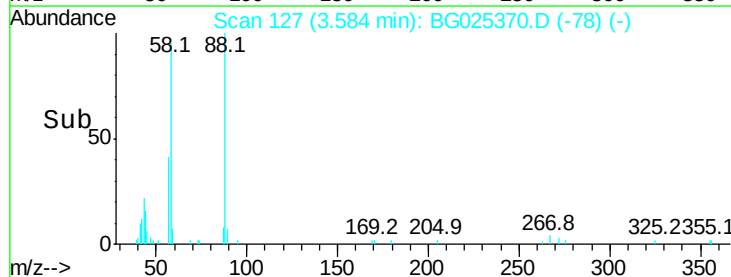
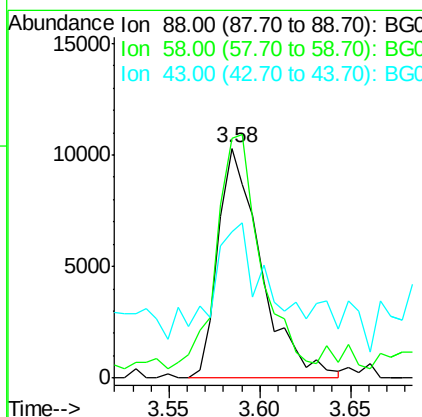
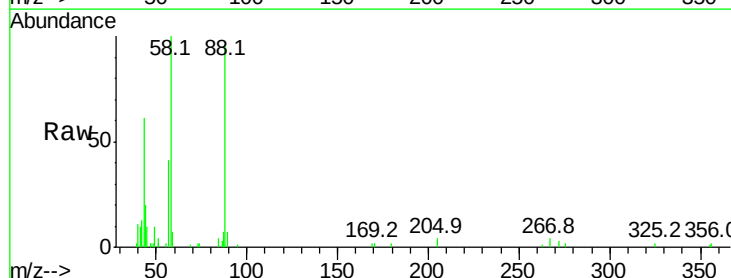
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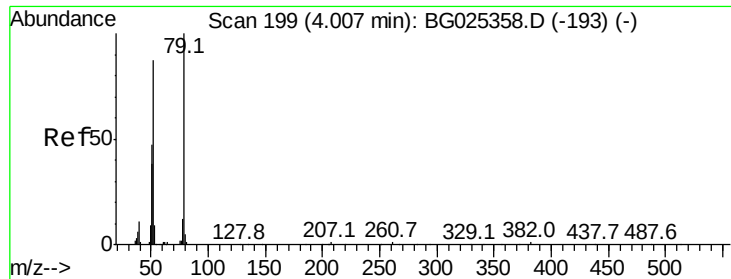


#2

1,4-Dioxane
Concen: 14.84 ng
RT: 3.58 min Scan# 127
Delta R.T. -0.01 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.7	79.4	119.2
43	60.3	33.8	50.6





#3

Pvridine

Concen: 14.64 ng

RT: 4.01 min Scan# 199

Delta R.T. 0.00 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Instrument :

BNA_G

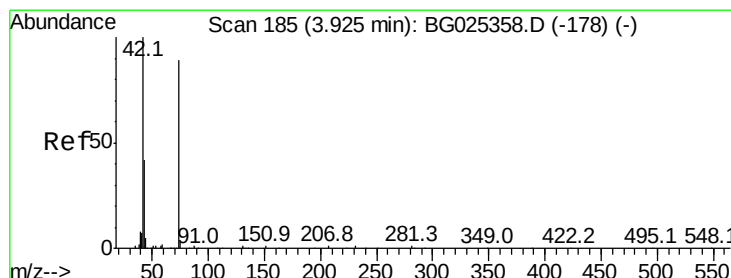
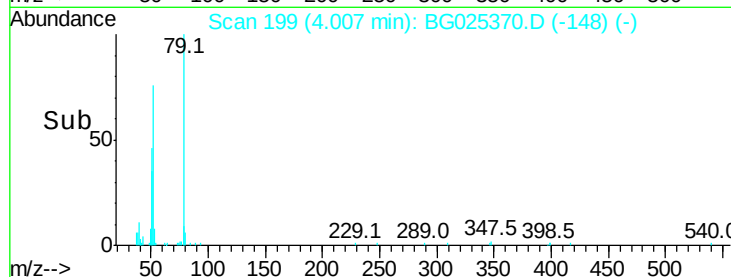
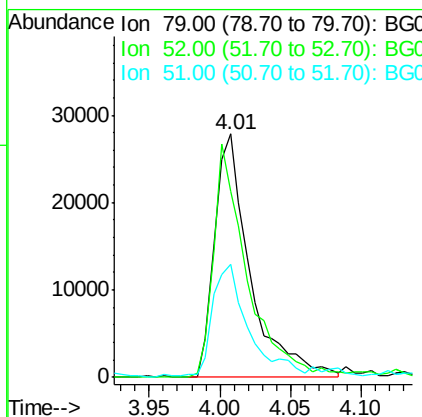
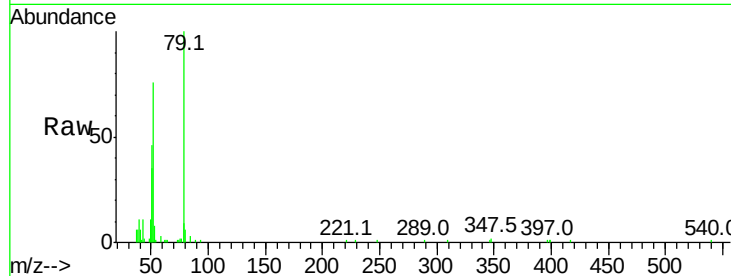
ClientSampleId :

LOQ-SOIL-02-QT1-2017

Tot Ion:	79	Resp:	48811
Ion Ratio	Lower	Upper	
79	100		
52	76.5	77.8	116.6#
51	46.4	43.2	64.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 14.73 ng

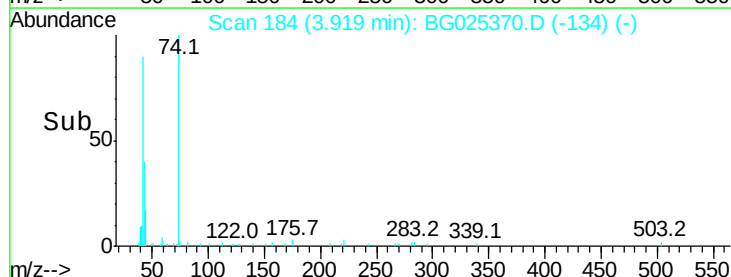
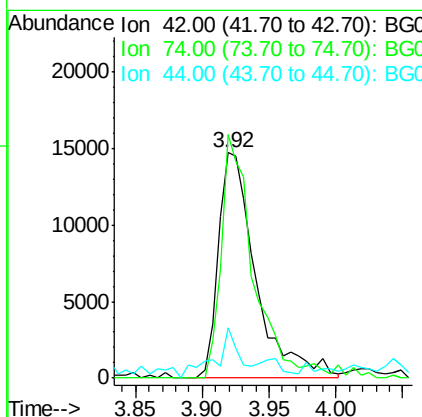
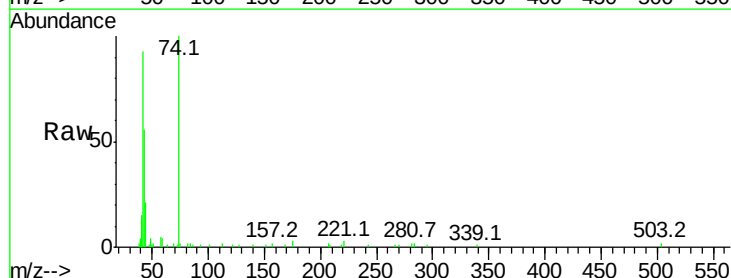
RT: 3.92 min Scan# 184

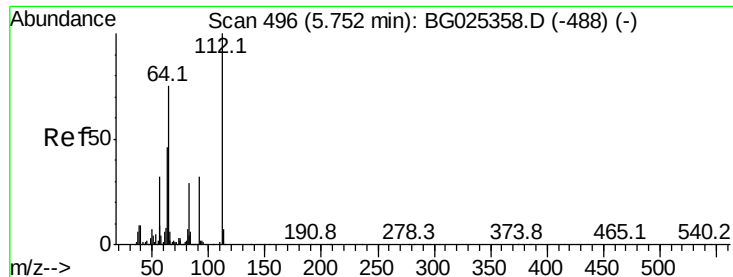
Delta R.T. -0.01 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Tgt Ion:	42	Resp:	29150
Ion Ratio	Lower	Upper	
42	100		
74	108.0	76.7	115.1
44	22.4	6.1	9.1#





#5

2-Fluorophenol

Concen: 170.86 ng

RT: 5.75 min Scan# 496

Delta R.T. 0.00 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Instrument :

BNA_G

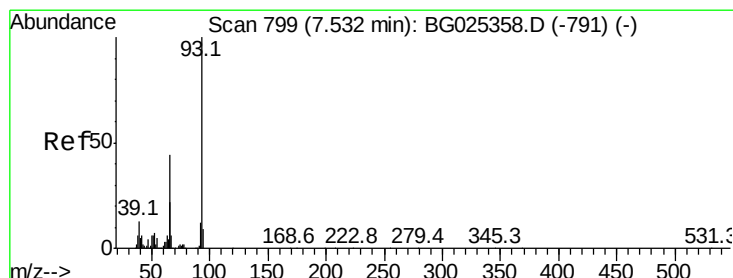
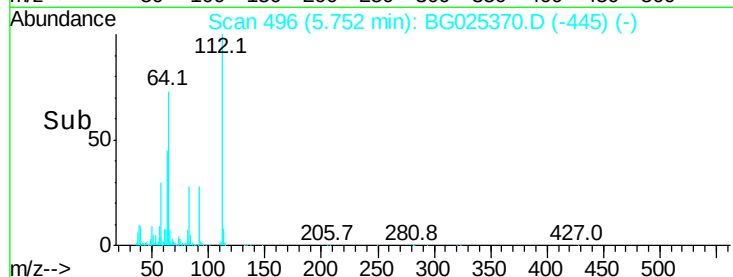
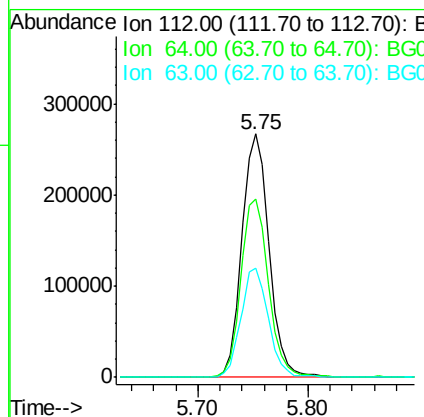
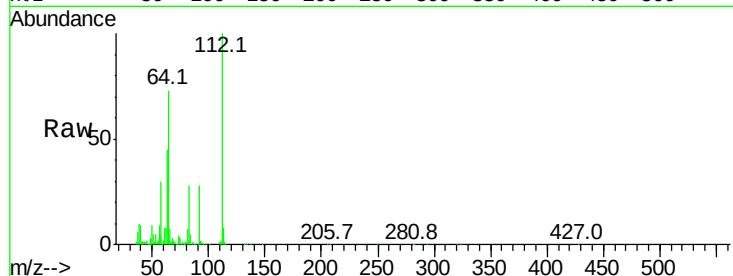
ClientSampleId :

LOQ-SOIL-02-QT1-2017

Tot Ion:	112	Resp:	460688
Ion Ratio	Lower	Upper	
112	100		
64	73.1	61.8	92.6
63	45.0	37.2	55.8

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#6

Aniline

Concen: 10.92 ng

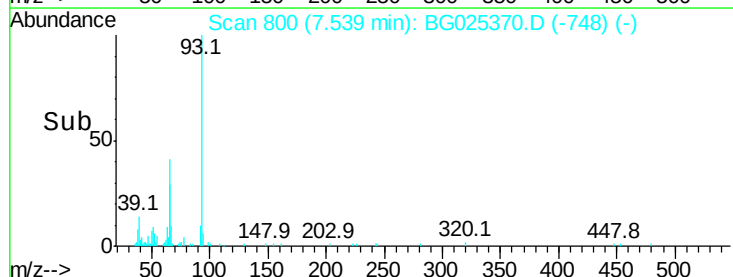
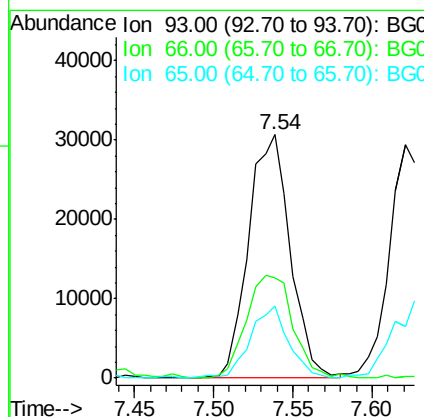
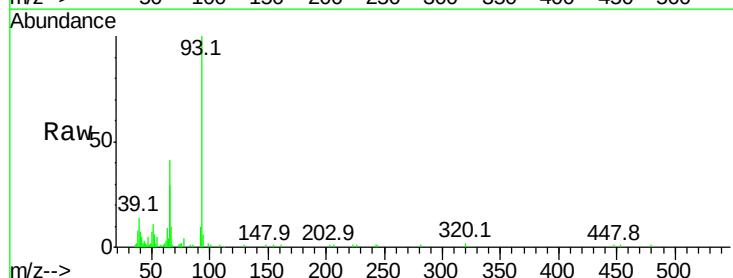
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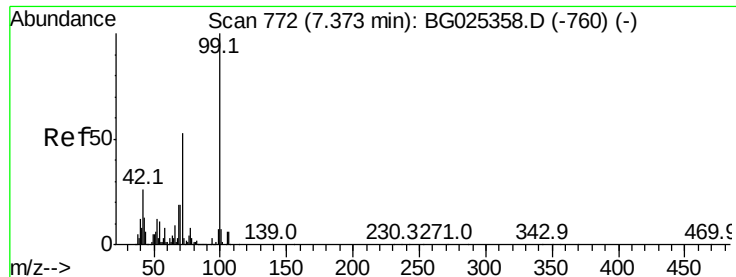
Delta R.T. 0.01 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Tgt Ion:	93	Resp:	56205
Ion Ratio	Lower	Upper	
93	100		
66	41.2	35.4	53.2
65	29.4	21.2	31.8





#7

Phenol-d6

Concen: 164.40 ng

RT: 7.37 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Instrument :

BNA_G

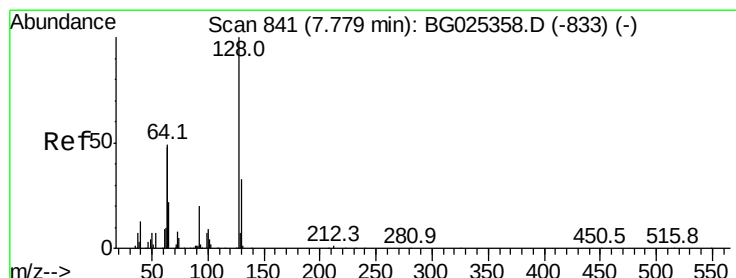
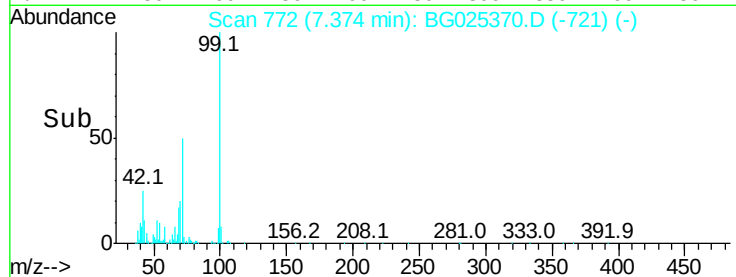
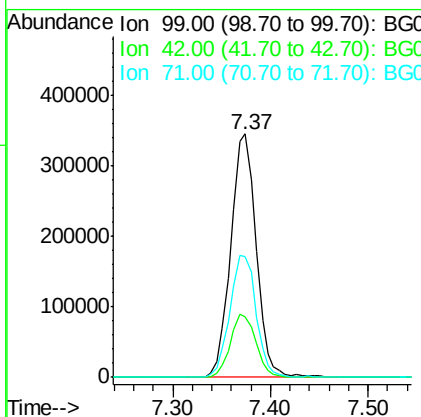
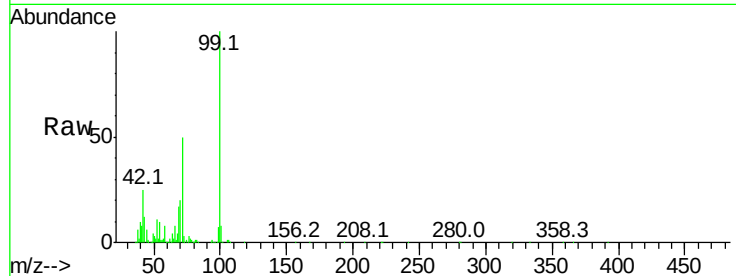
ClientSampleId :

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Tot Ion:	99	Resp:	624321
Ion Ratio	Lower	Upper	
99	100		
42	24.8	20.5	30.7
71	49.5	37.6	56.4

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#8

2-Chlorophenol

Concen: 16.54 ng

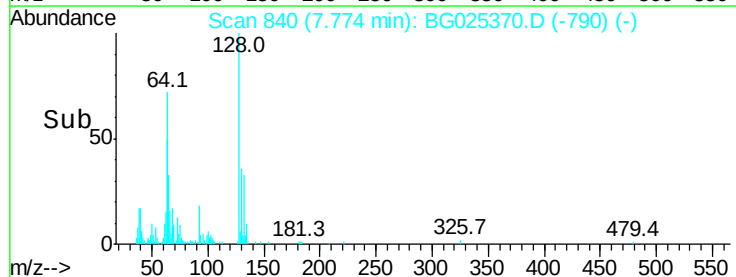
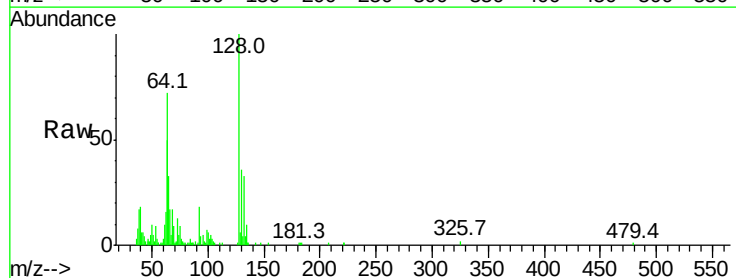
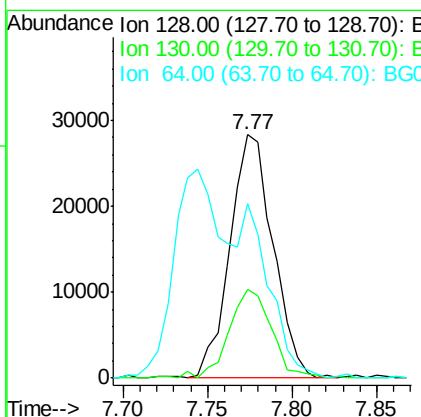
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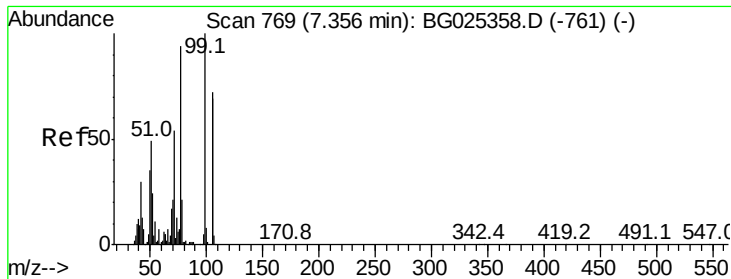
Delta R.T. -0.01 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Tgt Ion:	128	Resp:	50304
Ion Ratio	Lower	Upper	
128	100		
130	36.3	11.4	51.4
64	71.6	46.6	86.6





#9

Benzaldehyde

Concen: 15.23 ng

RT: 7.36 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Instrument :

BNA_G

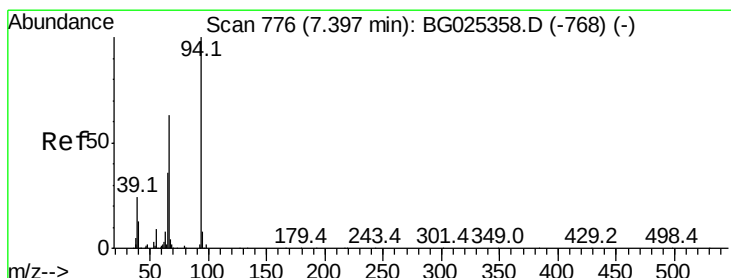
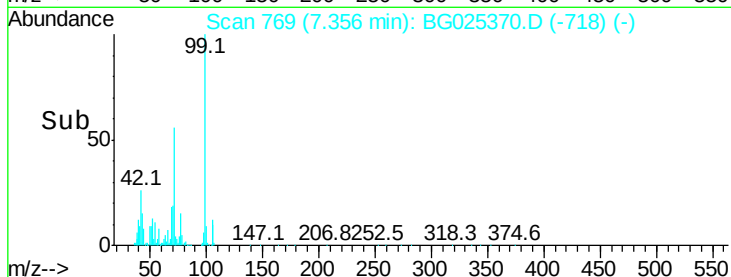
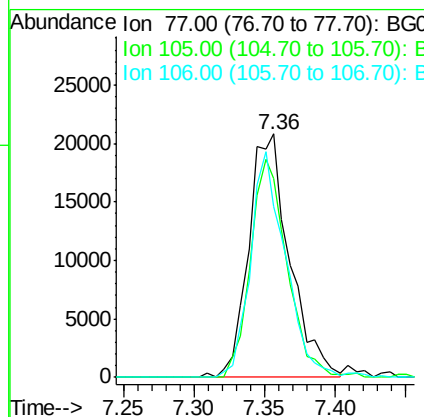
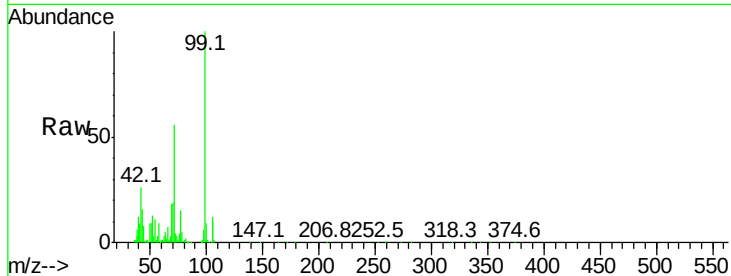
ClientSampleId :

LOQ-SOIL-02-QT1-2017

Tot Ion:	77	Resp:	42326
Ion	Ratio	Lower	Upper
77	100		
105	81.8	60.9	100.9
106	70.1	55.1	95.1

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#10

Phenol

Concen: 16.83 ng

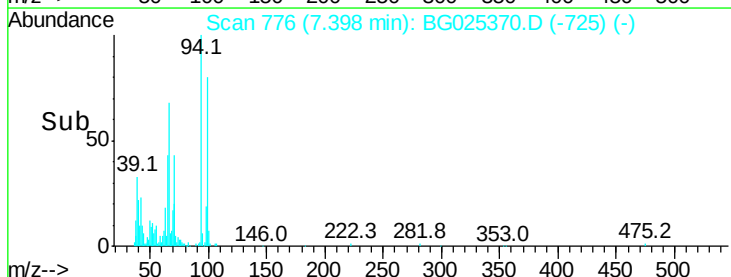
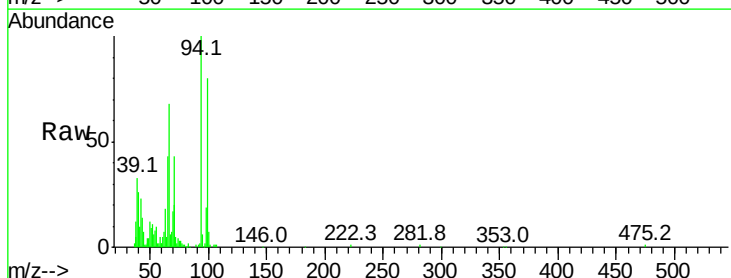
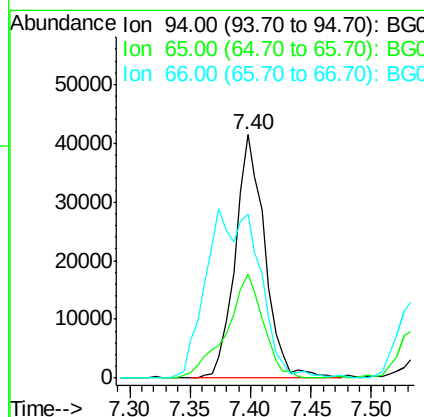
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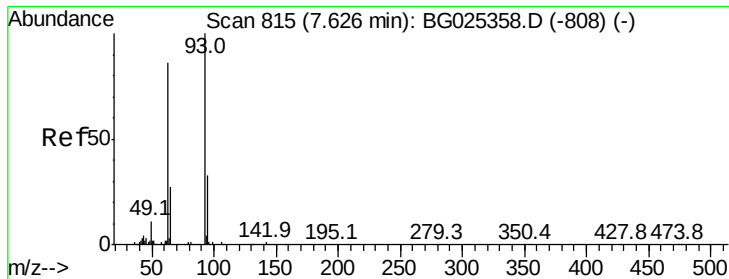
Delta R.T. 0.00 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Tgt Ion:	94	Resp:	70869
Ion	Ratio	Lower	Upper
94	100		
65	43.0	20.6	60.6
66	67.6	35.5	75.5





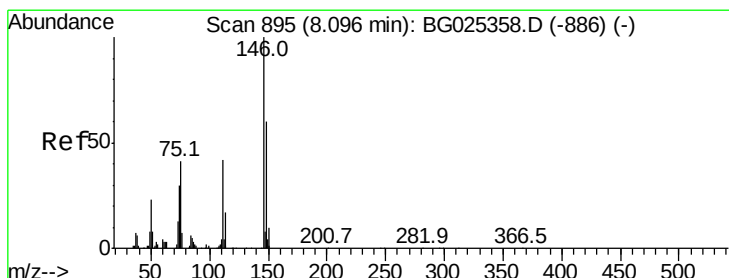
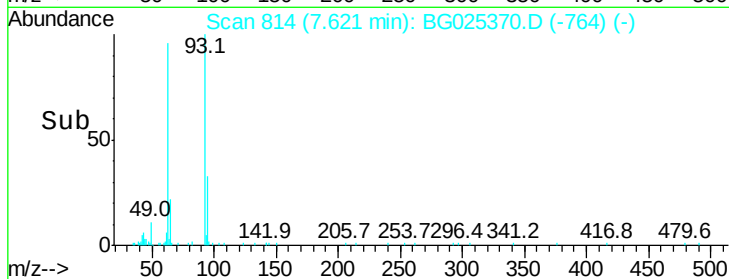
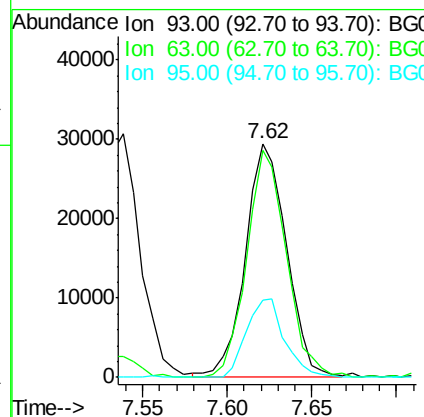
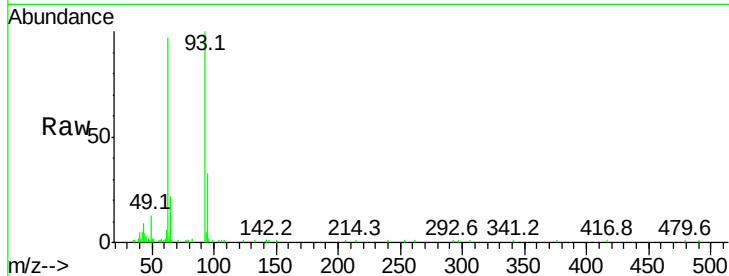
#11
bis(2-Chloroethyl)ether
Concen: 15.40 ng
RT: 7.62 min Scan# 814
Delta R.T. -0.01 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

Tot Ion	Ratio	Lower	Upper
93	100		
63	97.1	78.5	118.5
95	33.2	9.8	49.8

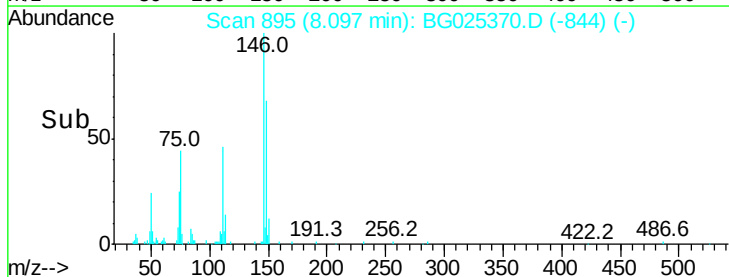
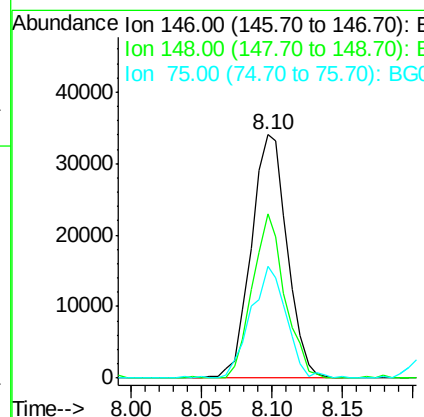
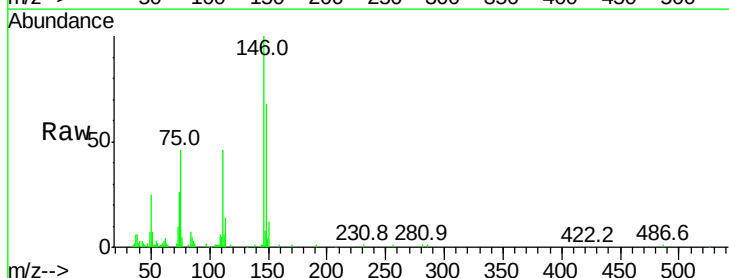
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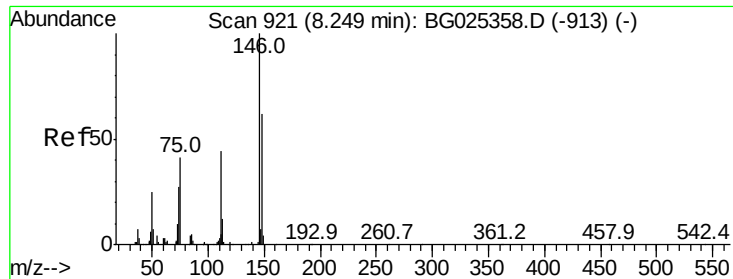
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#12
1,3-Dichlorobenzene
Concen: 16.47 ng
RT: 8.10 min Scan# 895
Delta R.T. 0.00 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.6	49.2	73.8
75	46.1	33.4	50.2





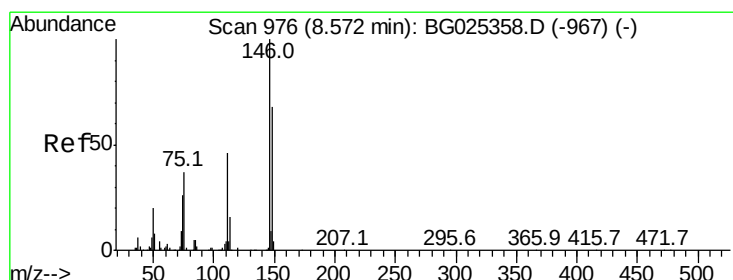
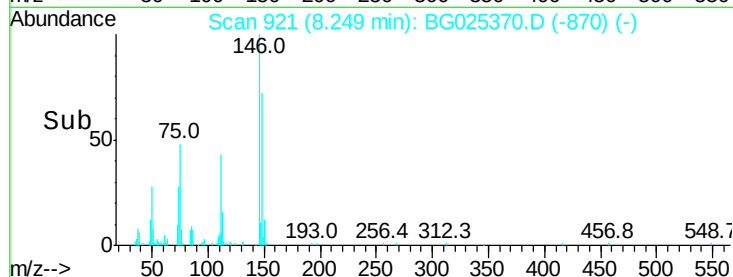
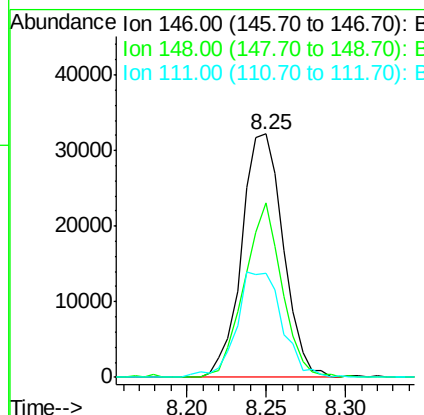
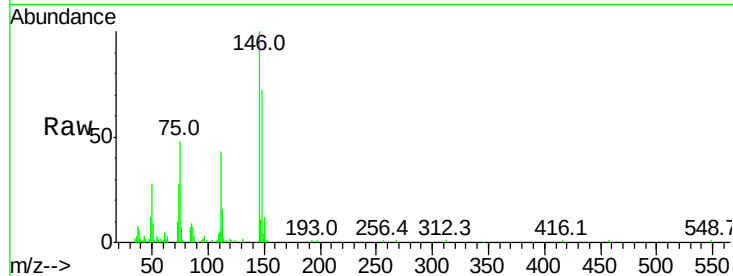
#13
1,4-Dichlorobenzene
Concen: 15.35 ng
RT: 8.25 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

Tot Ion	Ratio	Lower	Upper
146	100		
148	71.8	52.2	78.2
111	42.7	37.0	55.6

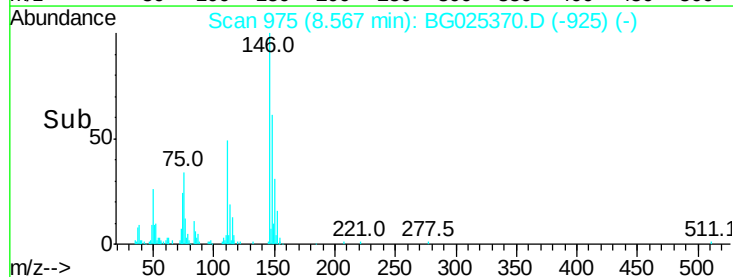
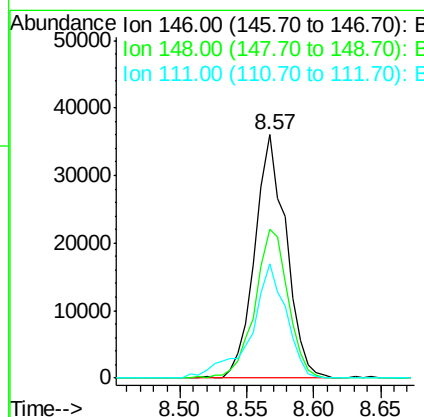
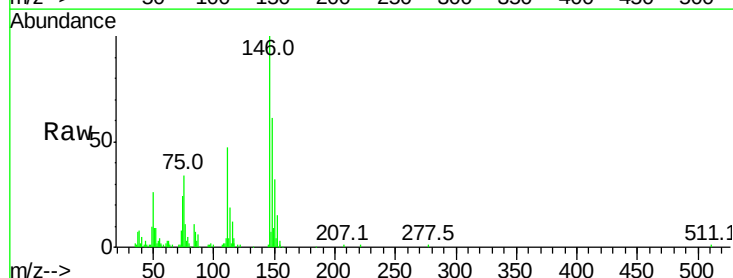
Manual Integrations
APPROVED

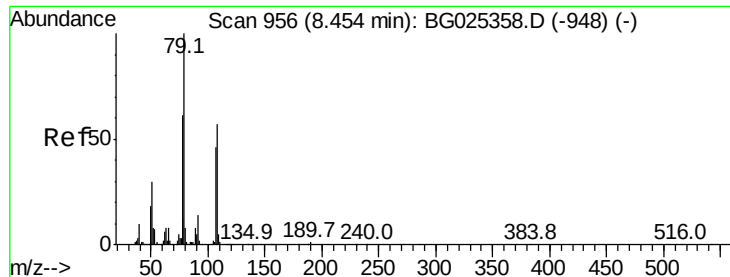
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#14
1,2-Dichlorobenzene
Concen: 16.01 ng
RT: 8.57 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.1	54.6	81.8
111	47.2	39.7	59.5





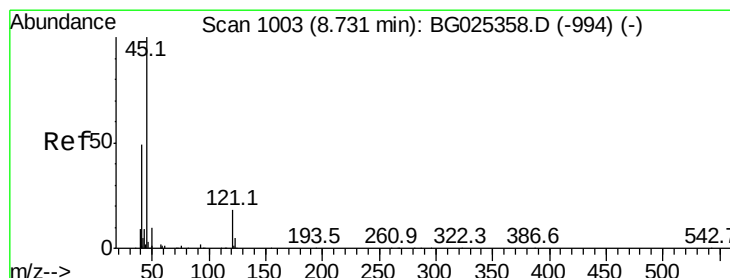
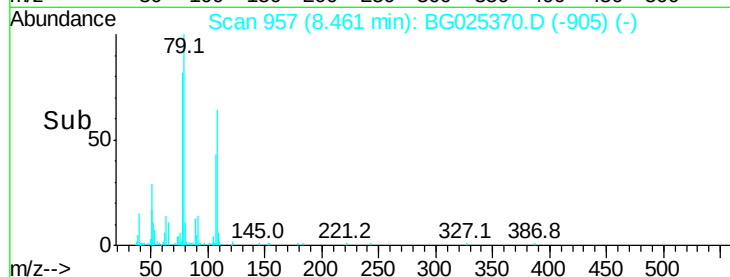
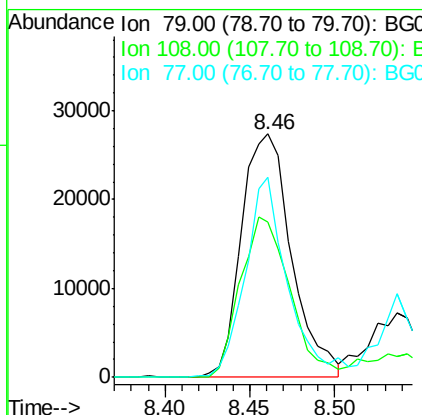
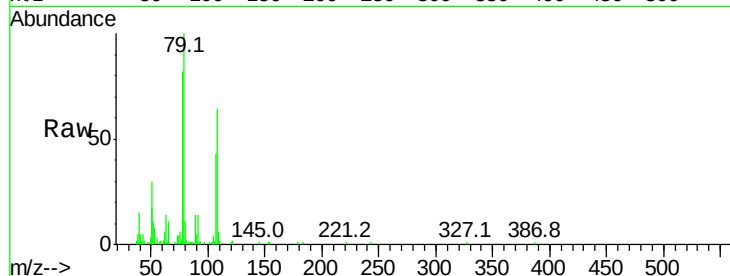
#15
Benzyl Alcohol
Concen: 15.58 ng
RT: 8.46 min Scan# 957
Delta R.T. 0.01 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

Tot Ion	Ratio	Lower	Upper
79	100		
108	63.6	45.5	68.3
77	82.0	54.3	81.5

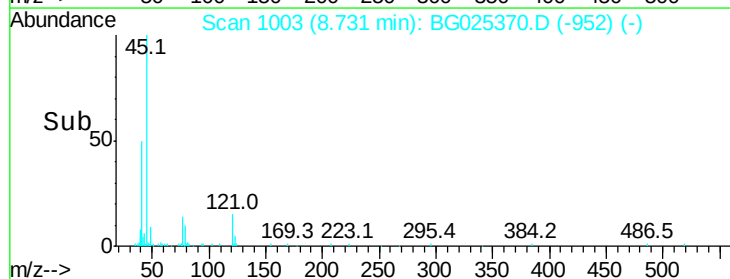
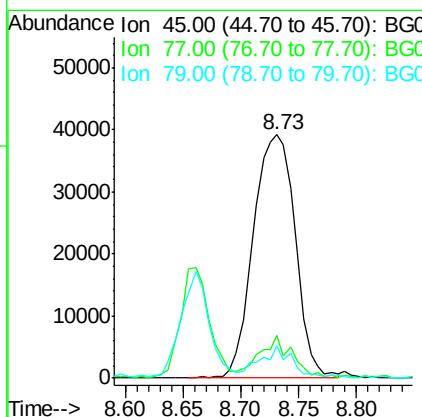
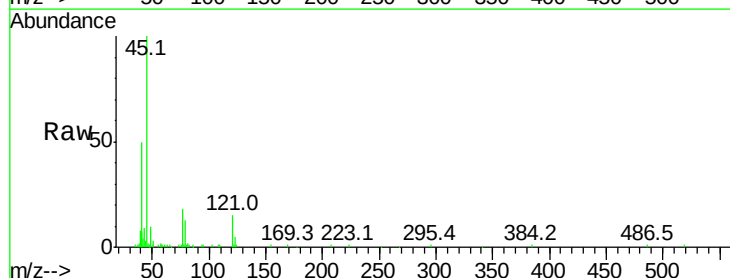
Manual Integrations
APPROVED

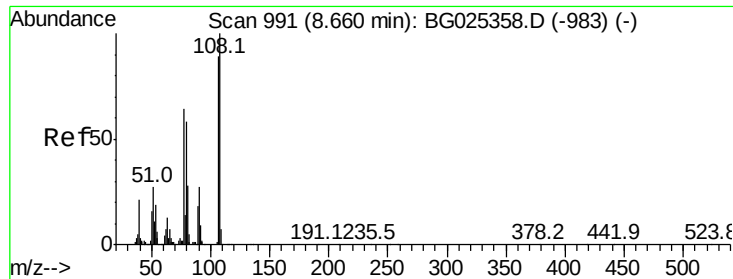
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 16.46 ng
RT: 8.73 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.5	0.0	30.6
79	13.1	0.0	28.5





#17

2-Methylphenol

Concen: 17.60 ng

RT: 8.66 min Scan# 991

Delta R.T. 0.00 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Instrument :

BNA_G

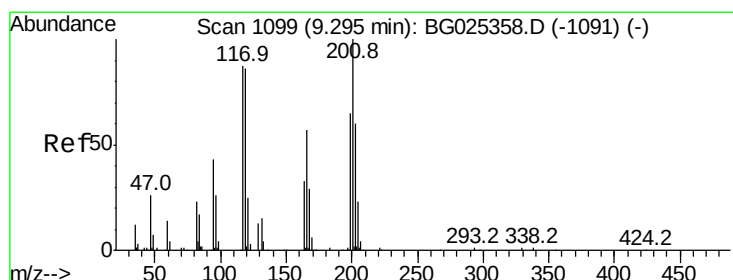
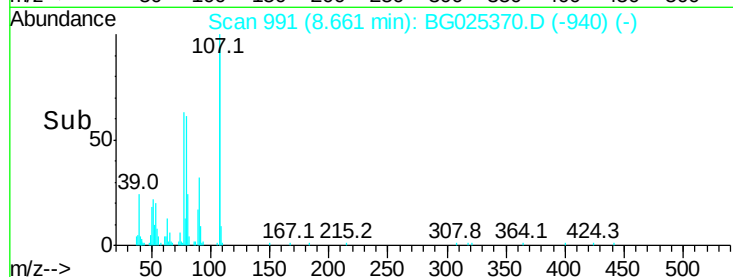
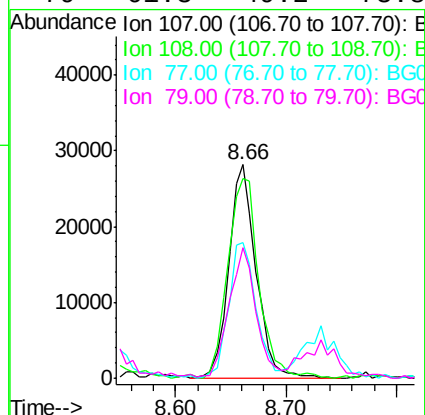
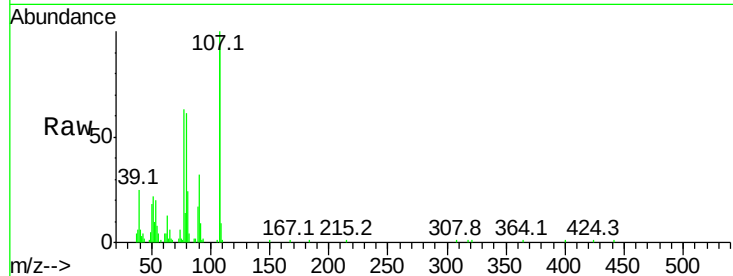
ClientSampleId :

LOQ-SOIL-02-QT1-2017

Tot Ion:	107	Resp:	48659
Ion Ratio	Lower	Upper	
107	100		
108	93.7	85.6	128.4
77	63.3	51.4	77.2
79	61.3	49.2	73.8

Manual Integrations
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#18

Hexachloroethane

Concen: 14.92 ng

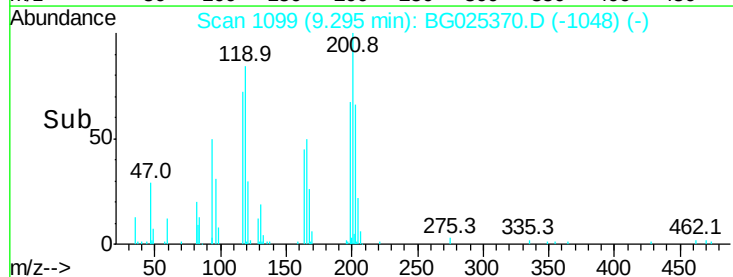
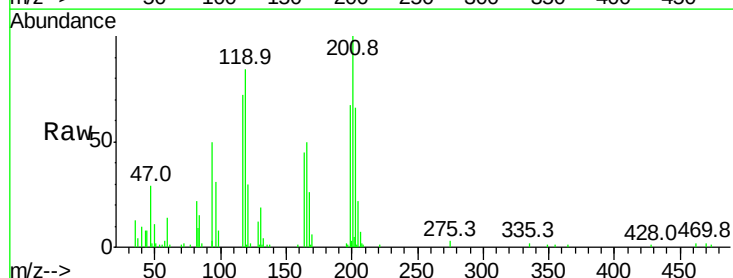
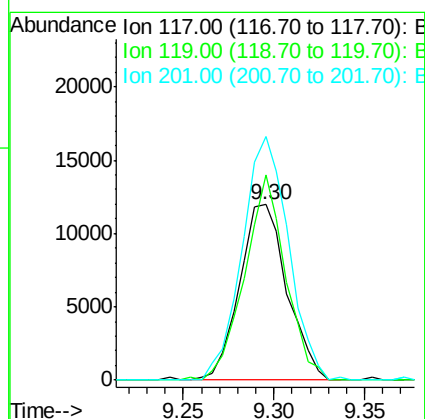
RT: 9.30 min Scan# 1099

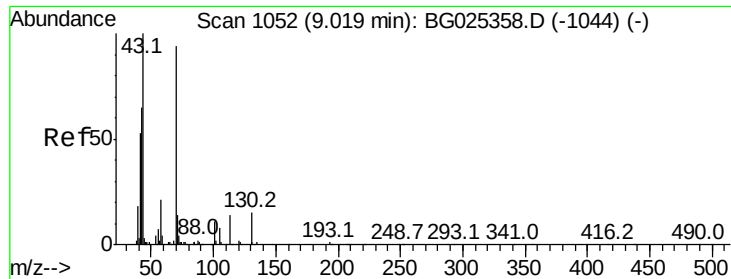
Delta R.T. 0.00 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Tgt Ion:	117	Resp:	21857
Ion Ratio	Lower	Upper	
117	100		
119	116.6	69.8	104.6#
201	145.4	95.4	143.0#





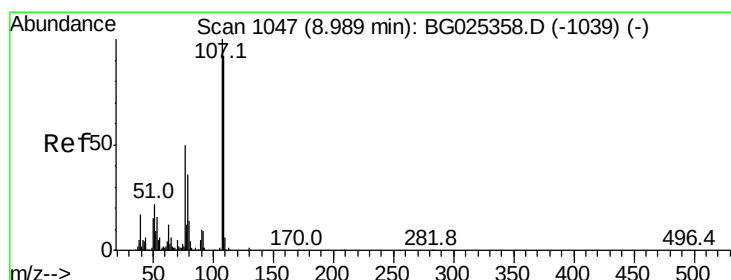
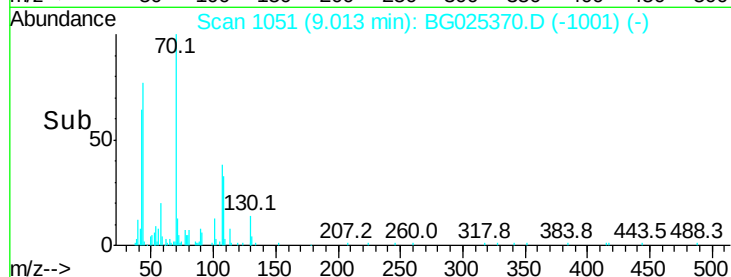
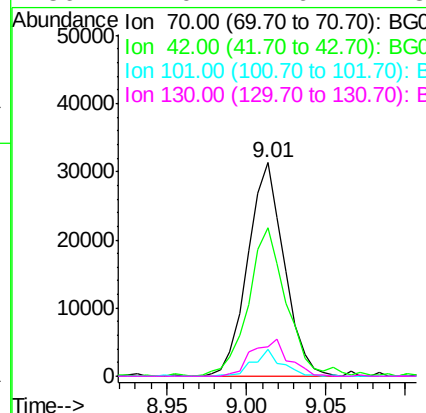
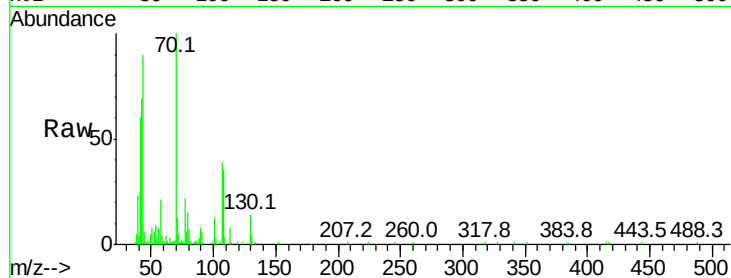
#19
n-Nitroso-di-n-propylamine
Concen: 15.59 ng
RT: 9.01 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.4	56.1	84.1
101	12.8	7.5	11.3
130	14.0	14.6	21.8

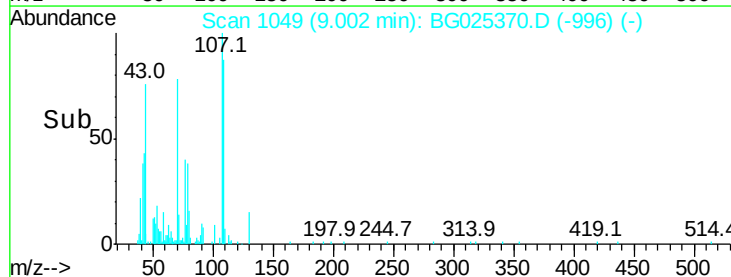
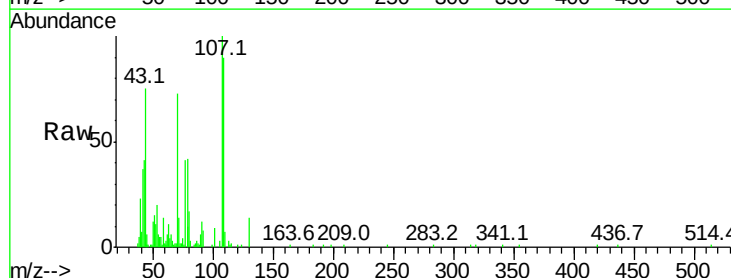
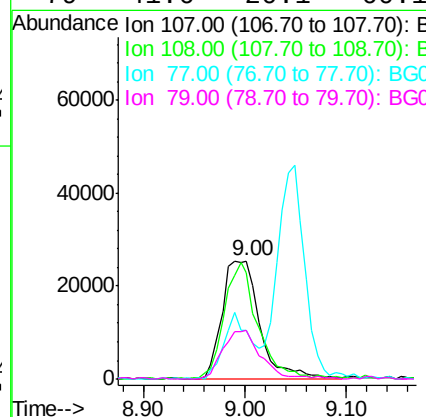
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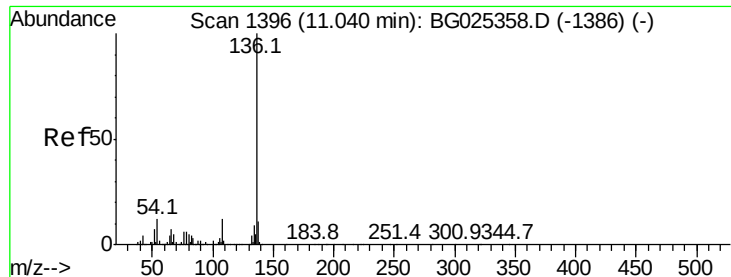
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#20
3+4-Methylphenols
Concen: 17.14 ng
RT: 9.00 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.1	70.8	110.8
77	41.0	25.8	65.8
79	41.6	20.1	60.1





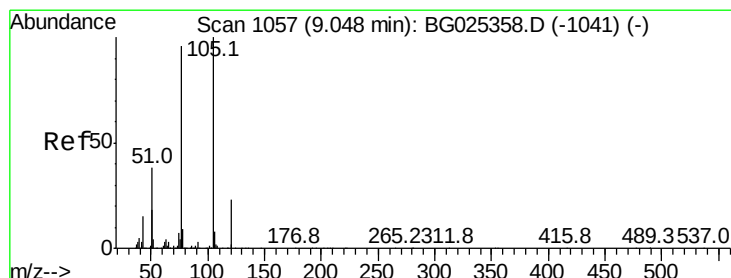
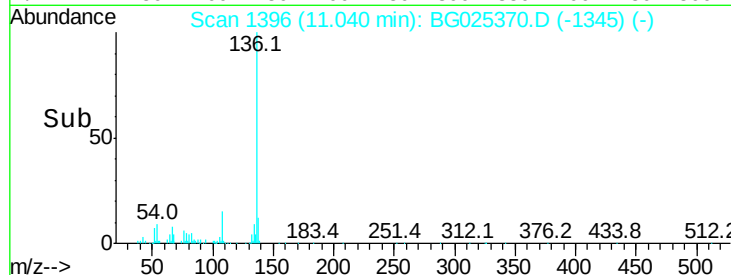
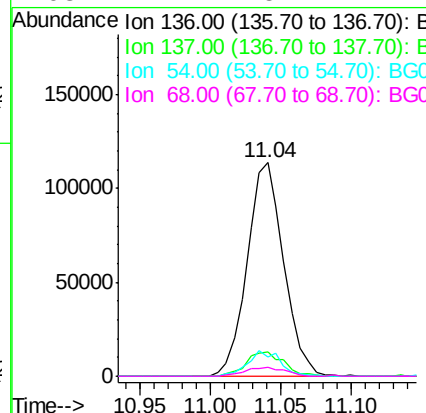
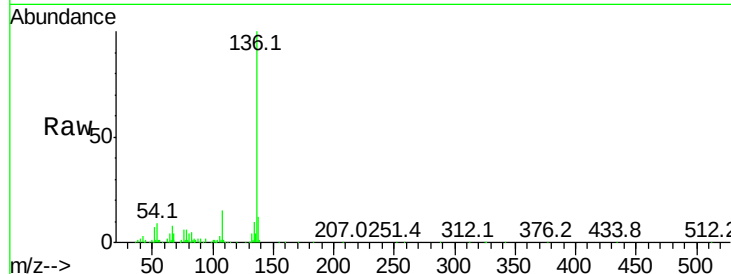
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.04 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	8.9	13.3	
54	8.8	9.3	13.9	
68	4.4	5.1	7.7	

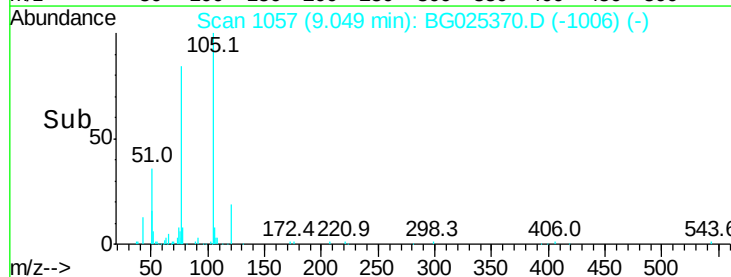
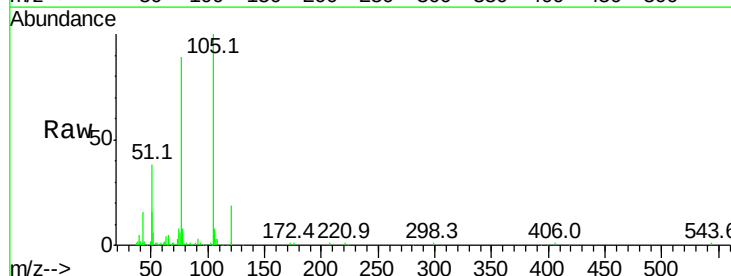
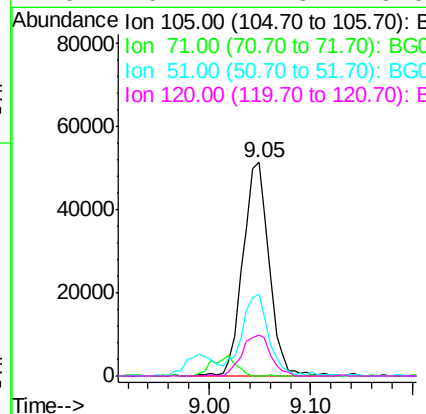
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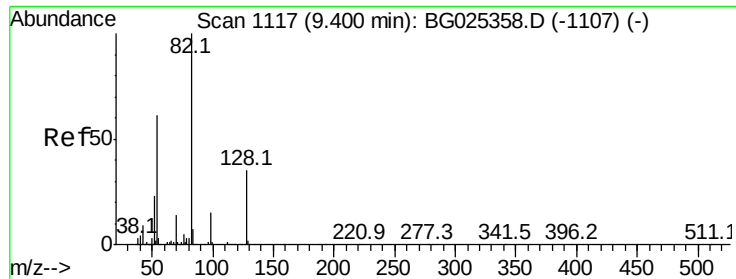
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#22
Acetophenone
Concen: 16.17 ng
RT: 9.05 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	0.9	1.3	
51	38.1	34.0	51.0	
120	19.1	17.3	25.9	





#23

Nitrobenzene-d5

Concen: 111.61 ng

RT: 9.40 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Instrument :

BNA_G

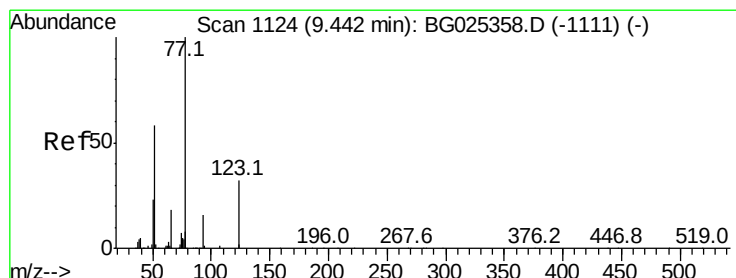
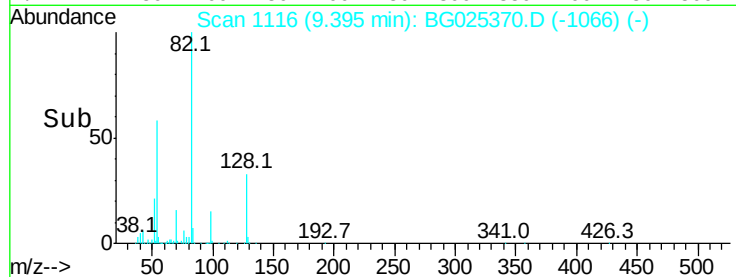
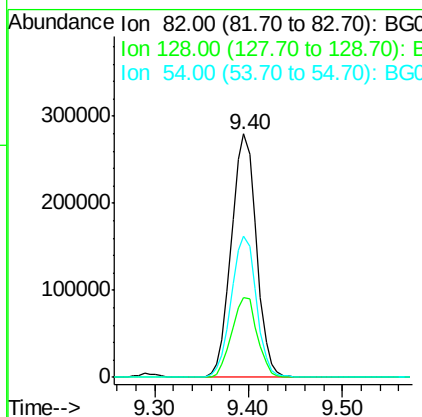
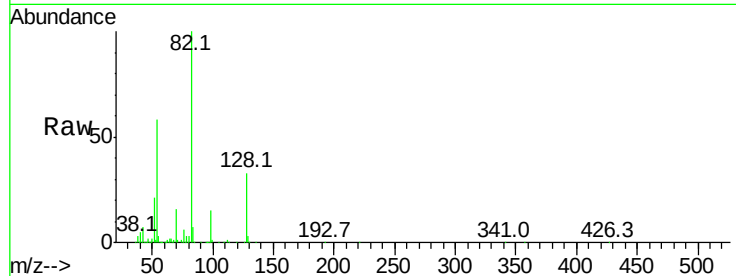
ClientSampleId :

LOQ-SOIL-02-QT1-2017

Tot Ion:	82	Resp:	519505
Ion Ratio	Lower	Upper	
82	100		
128	32.8	26.4	39.6
54	58.0	49.4	74.2

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#24

Nitrobenzene

Concen: 15.63 ng

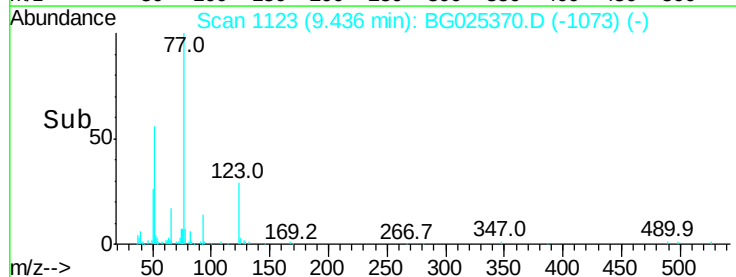
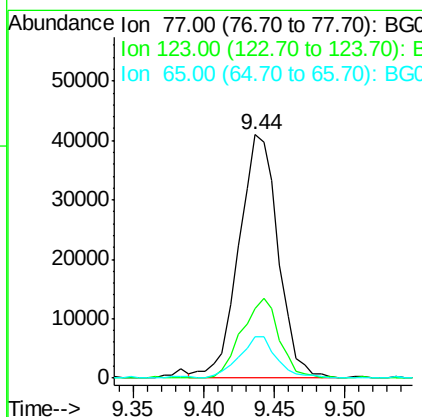
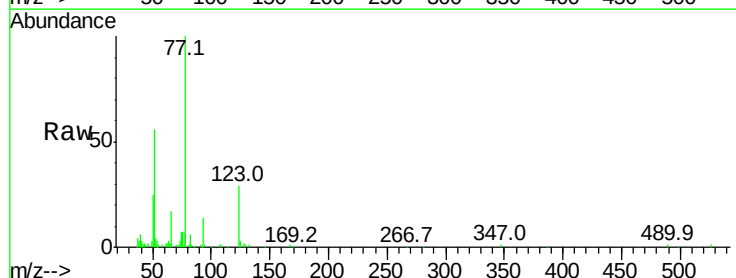
RT: 9.44 min Scan# 1123

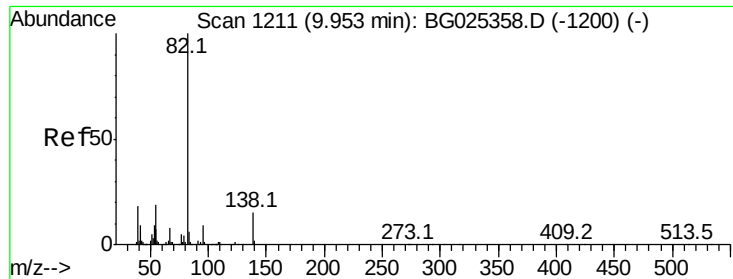
Delta R.T. -0.01 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Tgt Ion:	77	Resp:	79805
Ion Ratio	Lower	Upper	
77	100		
123	28.8	26.1	39.1
65	17.2	12.4	18.6





#25

Isophorone

Concen: 15.76 ng

RT: 9.95 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Instrument :

BNA_G

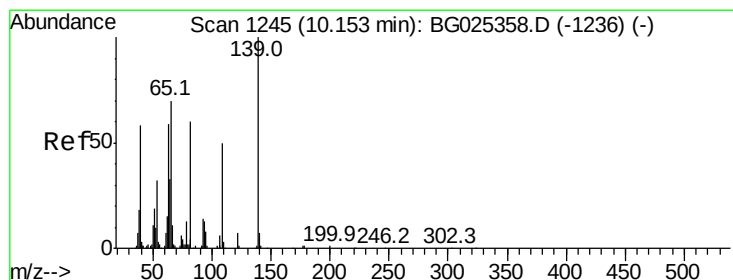
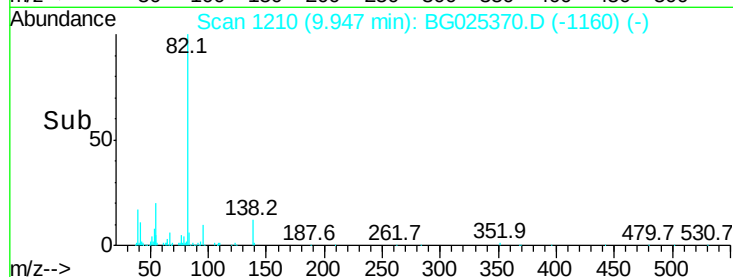
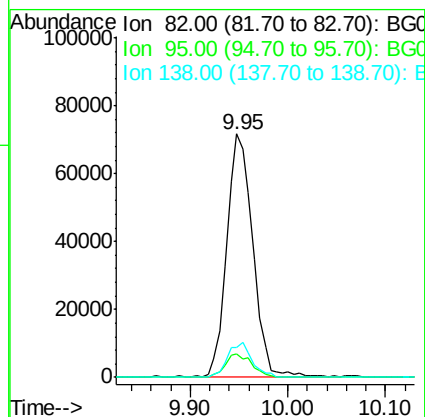
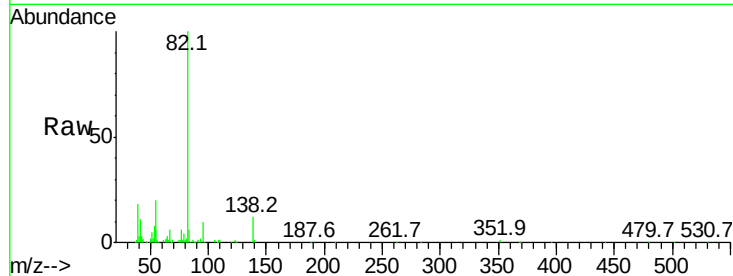
ClientSampleId :

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Tot Ion:	82	Resp:	132862
Ion Ratio	Lower	Upper	
82	100		
95	9.8	7.5	11.3
138	12.5	12.3	18.5

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#26

2-Nitrophenol

Concen: 15.50 ng

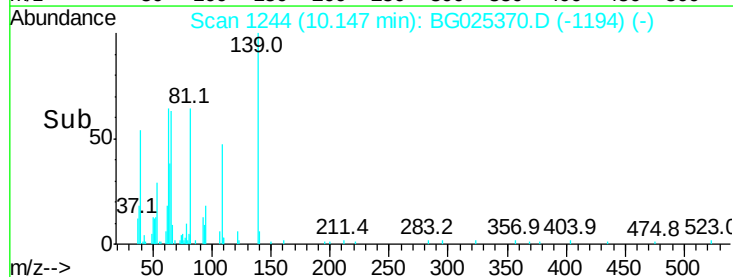
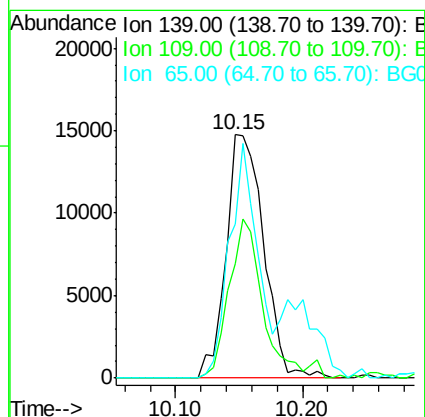
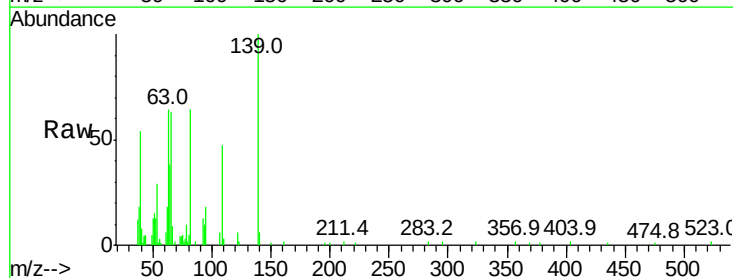
RT: 10.15 min Scan# 1244

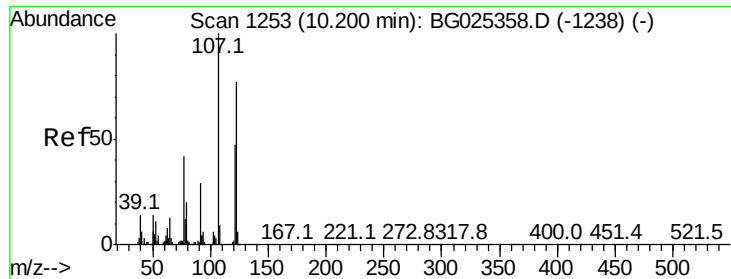
Delta R.T. -0.01 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Tgt Ion:	139	Resp:	30266
Ion Ratio	Lower	Upper	
139	100		
109	46.7	38.6	58.0
65	63.2	57.1	85.7





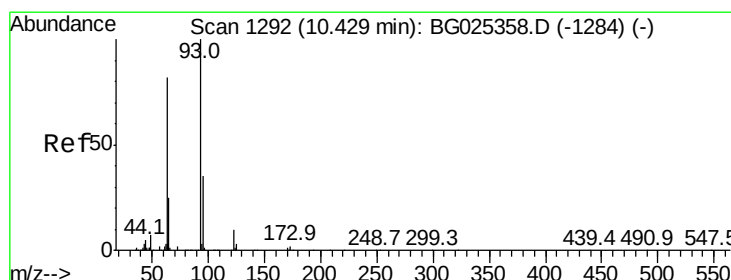
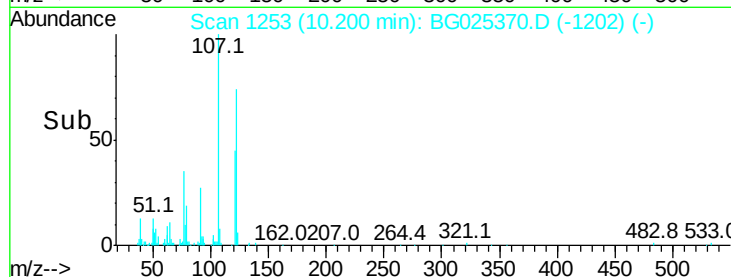
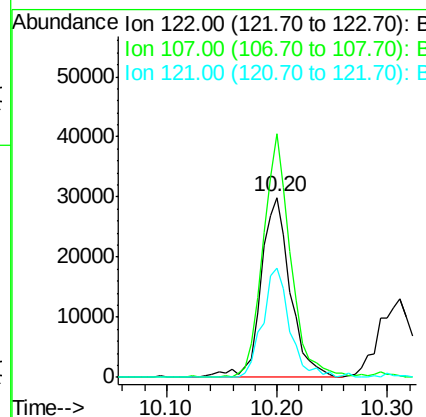
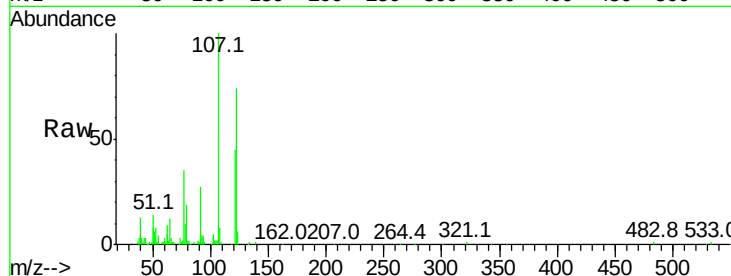
#27
2,4-Dimethylphenol
Concen: 17.19 ng
RT: 10.20 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

Tot Ion	Ratio	Lower	Upper
122	100		
107	135.1	104.2	156.4
121	60.3	46.0	69.0

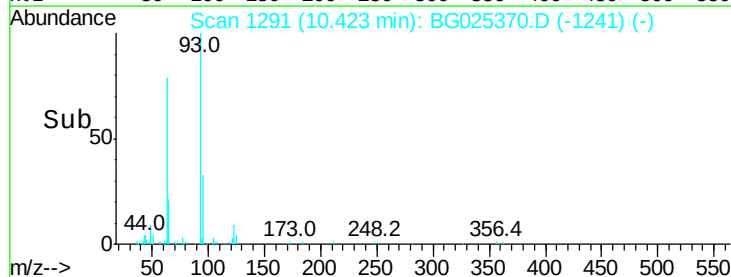
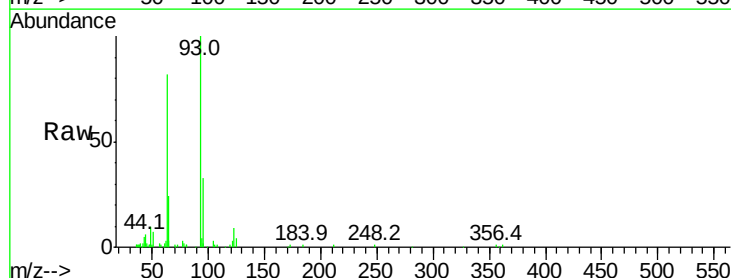
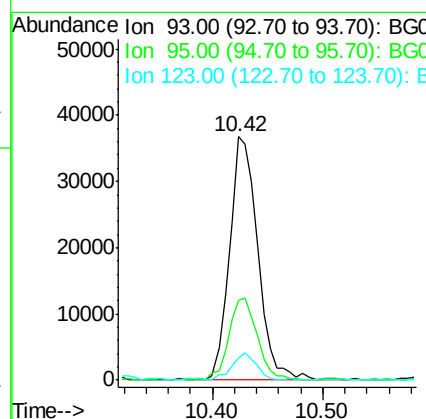
Manual Integrations
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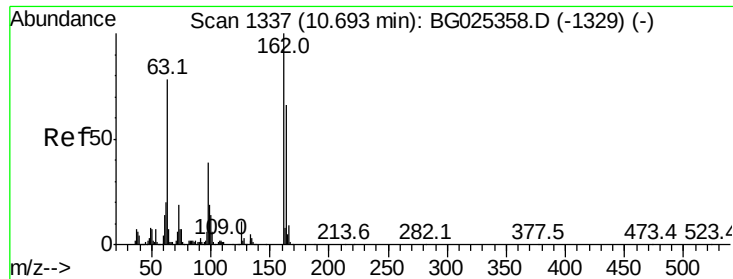
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#28
bis(2-Chloroethoxy)methane
Concen: 15.10 ng
RT: 10.42 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.7	38.5
123	9.2	8.3	12.5





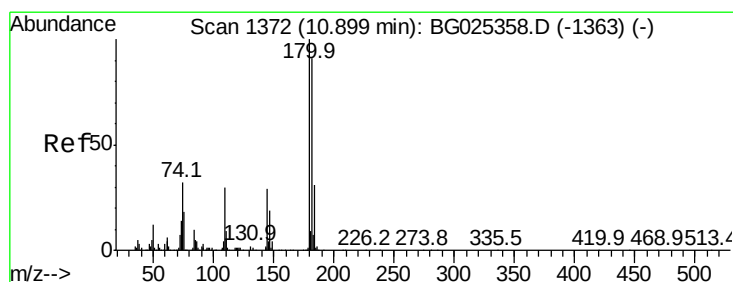
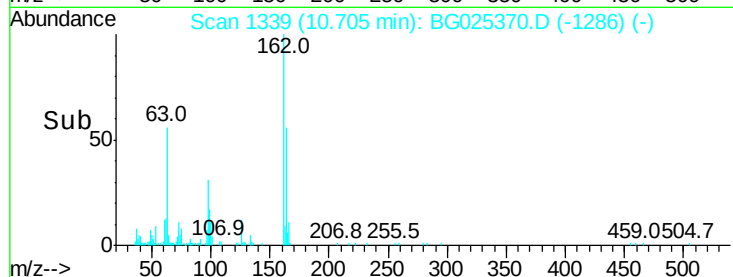
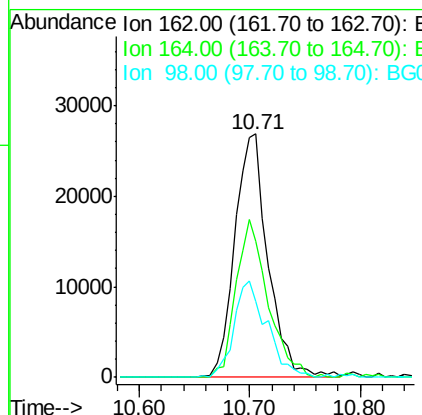
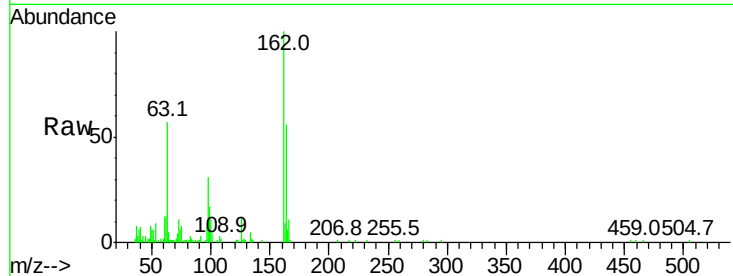
#29
2,4-Dichlorophenol
Concen: 16.55 ng
RT: 10.71 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	56.1	42.4	82.4
98	31.1	20.3	60.3

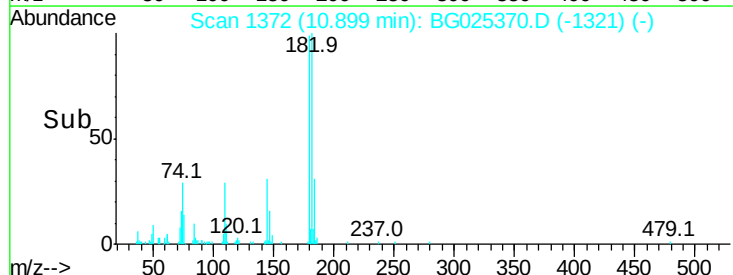
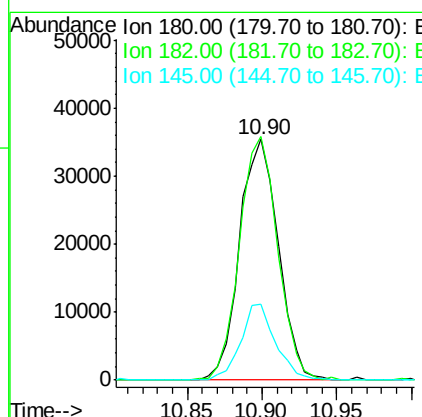
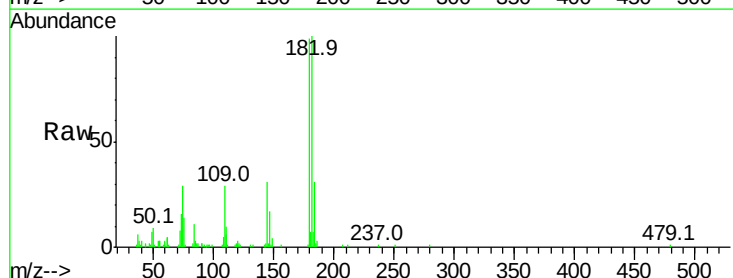
Manual Integrations
APPROVED

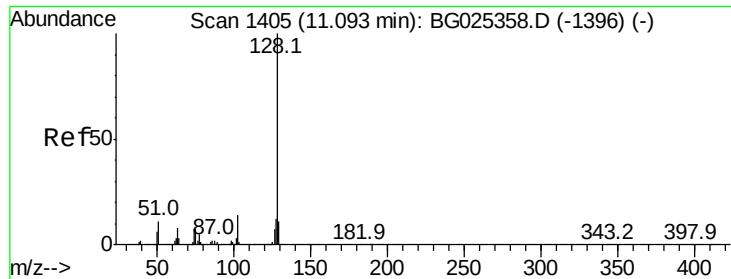
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#30
1,2,4-Trichlorobenzene
Concen: 15.36 ng
RT: 10.90 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	101.2	77.0	115.4
145	31.7	23.4	35.0





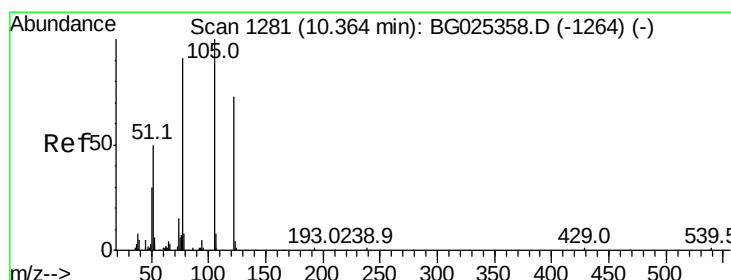
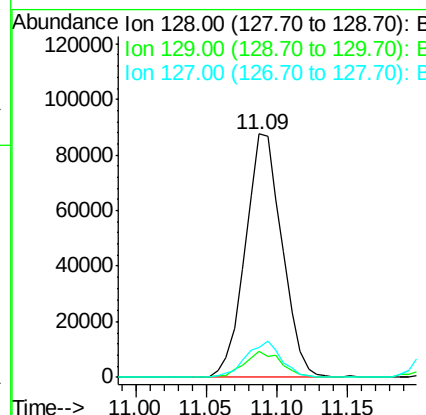
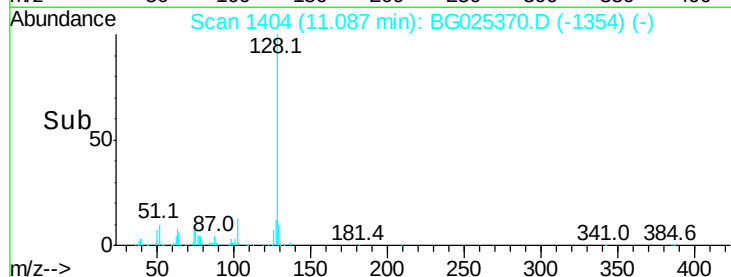
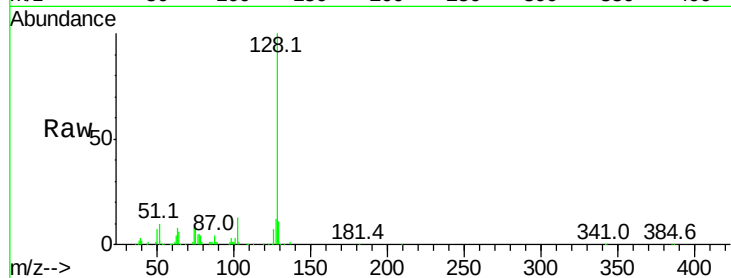
#31
Naphthalene
Concen: 15.56 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	10.5	9.3	13.9
127	12.3	11.4	17.0

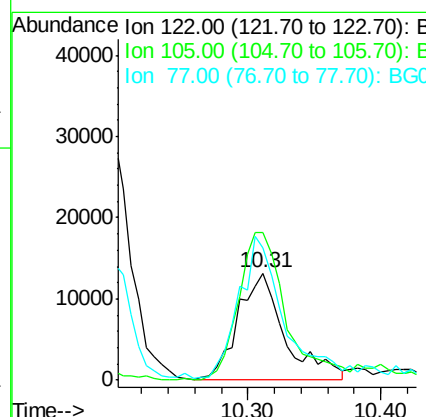
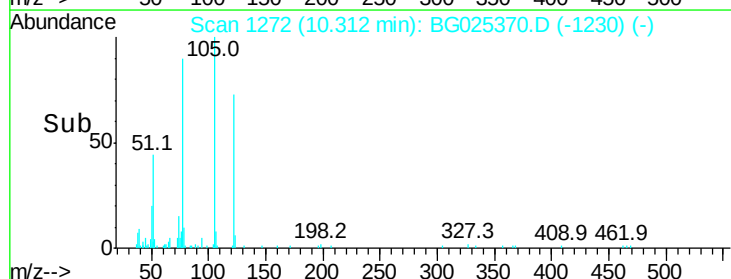
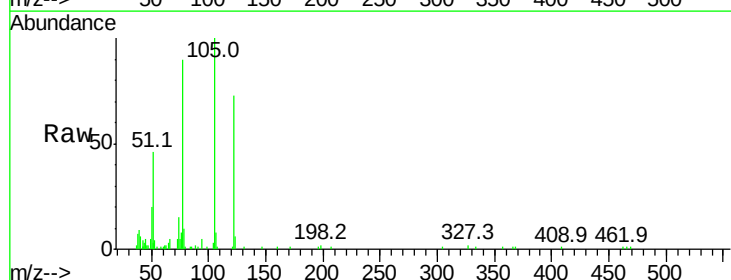
Manual Integrations
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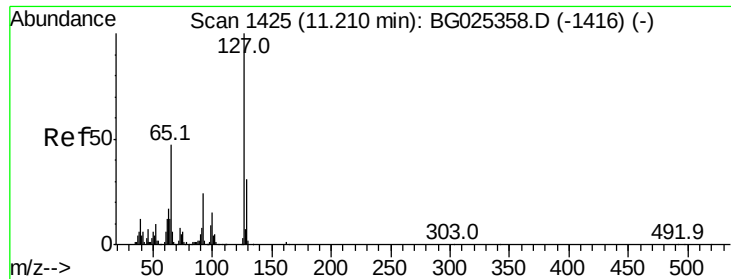
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#32
Benzoic acid
Concen: 12.56 ng m
RT: 10.31 min Scan# 1272
Delta R.T. -0.05 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	137.9	120.1	160.1
77	123.4	104.6	144.6





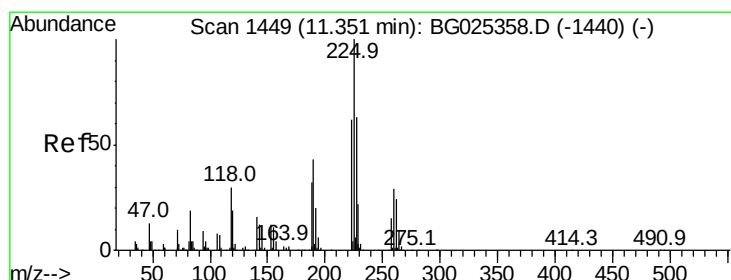
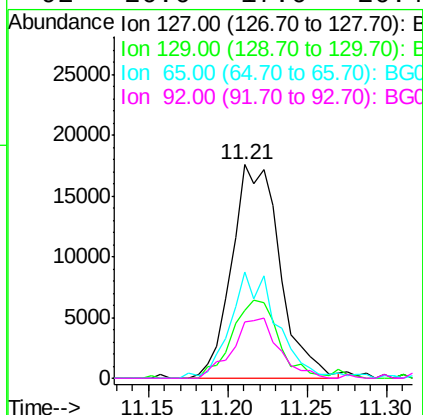
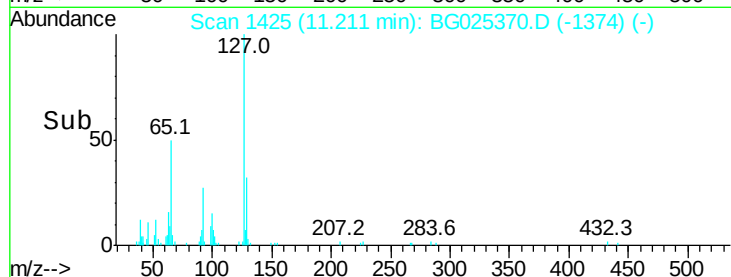
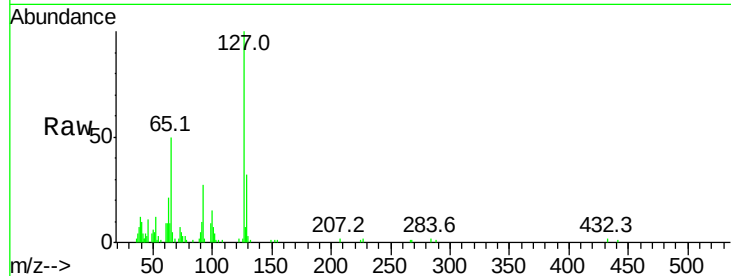
#33
4-Chloroaniline
Concen: 8.59 ng
RT: 11.21 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.6	23.6	35.4
65	49.6	37.7	56.5
92	26.6	17.6	26.4

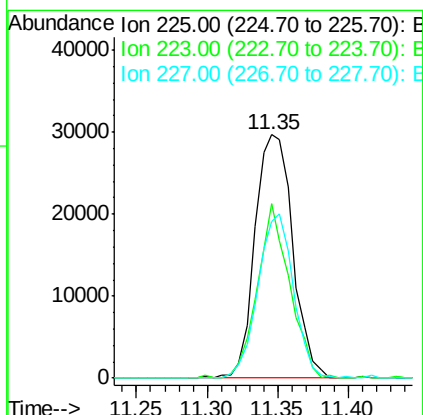
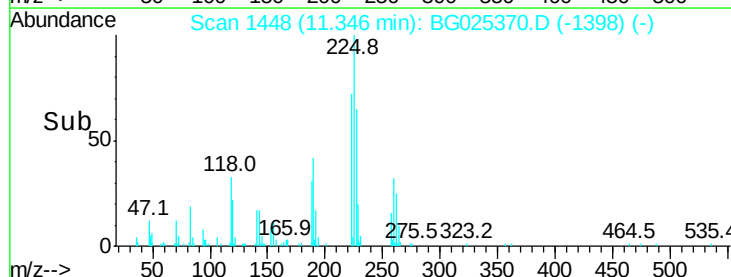
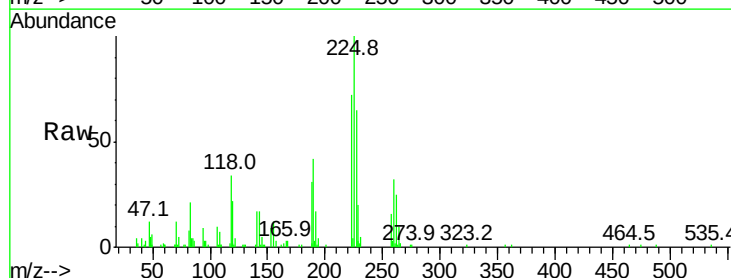
Manual Integrations
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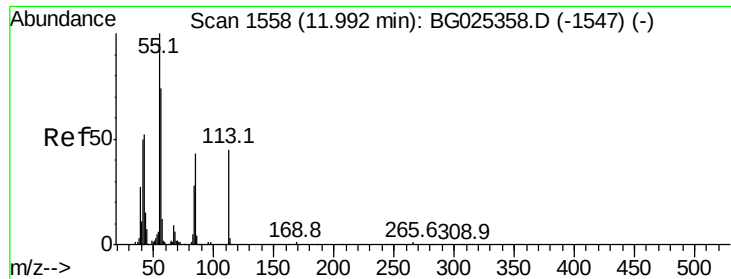
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#34
Hexachlorobutadiene
Concen: 16.42 ng
RT: 11.35 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	71.9	50.7	76.1
227	64.5	49.0	73.6





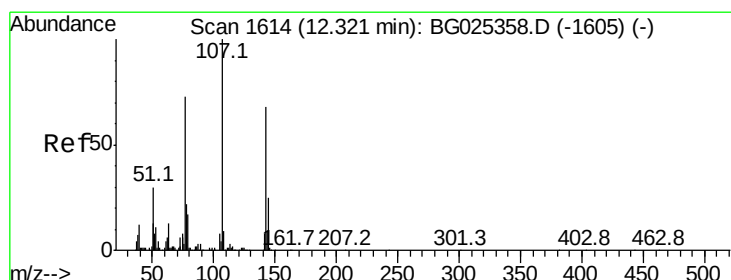
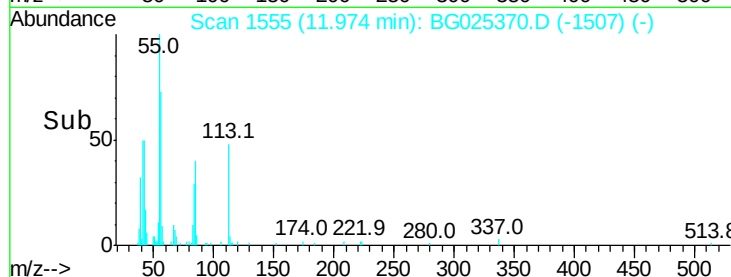
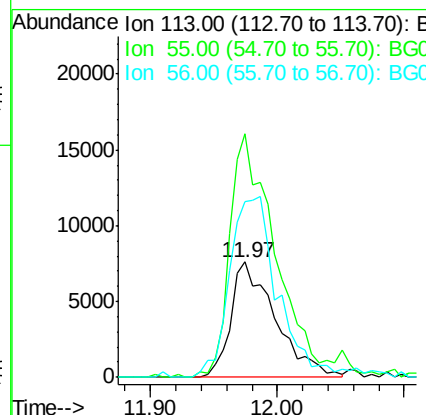
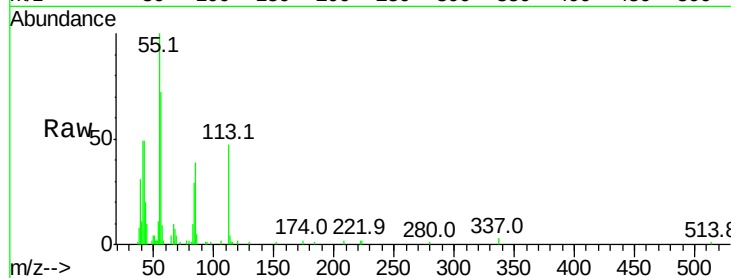
#35
 Caprolactam
 Concen: 14.40 ng
 RT: 11.97 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BG025370.D
 Acq: 21 Dec 2016 23:21

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2017

Tot Ion	Ratio	Lower	Upper
113	100		
55	211.1	198.6	238.6
56	152.5	140.4	180.4

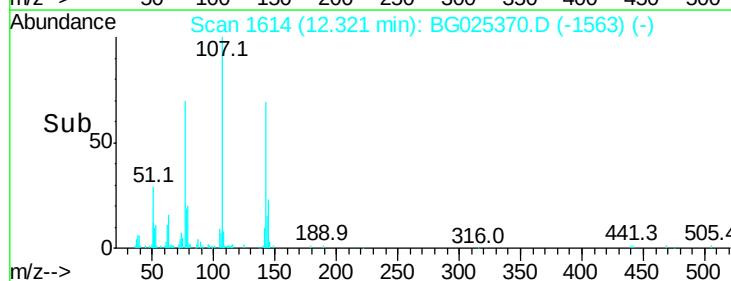
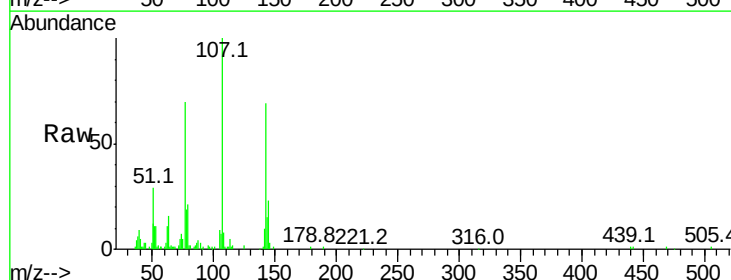
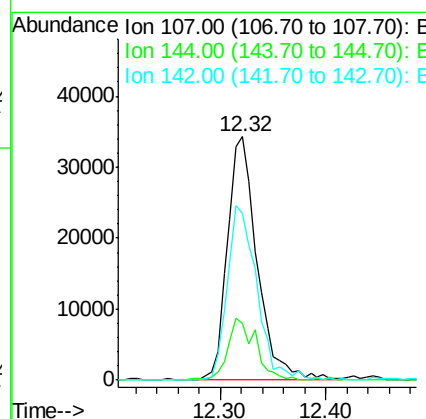
Manual Integrations
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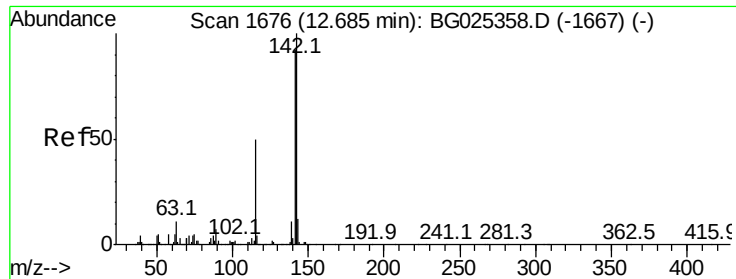
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#36
 4-Chloro-3-methylphenol
 Concen: 15.81 ng
 RT: 12.32 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BG025370.D
 Acq: 21 Dec 2016 23:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.2	17.4	26.0
142	68.5	54.1	81.1





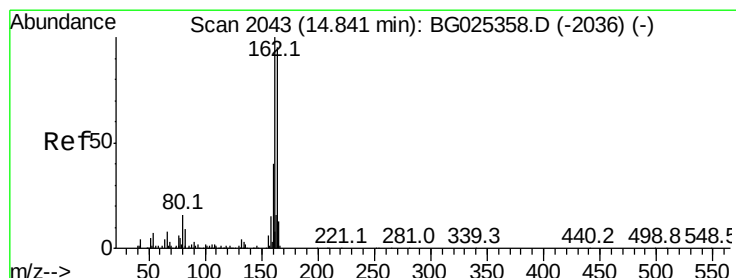
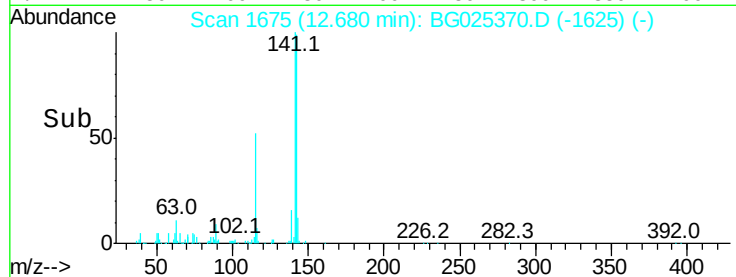
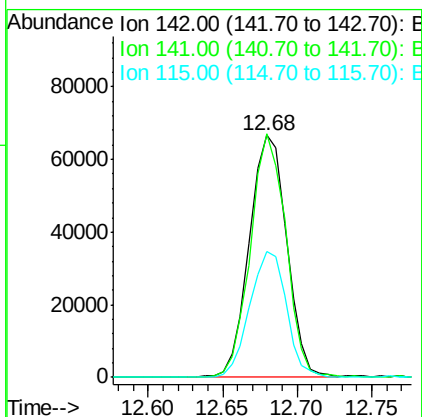
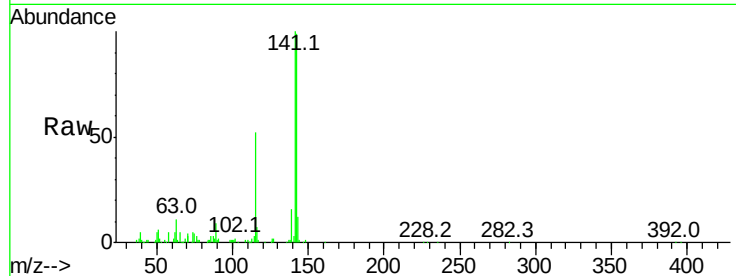
#37
2-Methylnaphthalene
Concen: 15.18 ng
RT: 12.68 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

Tot Ion	Ratio	Lower	Upper
142	100		
141	100.6	70.4	105.6
115	52.0	35.5	53.3

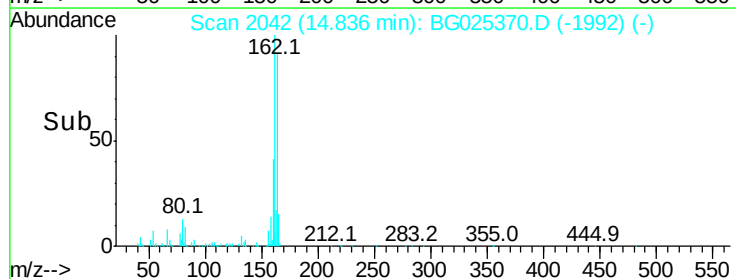
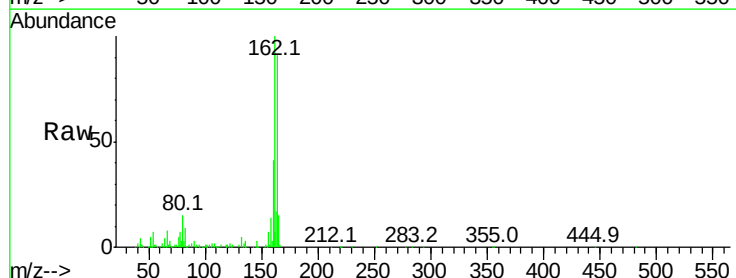
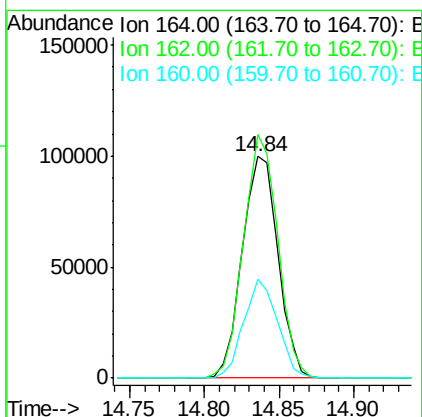
Manual Integrations
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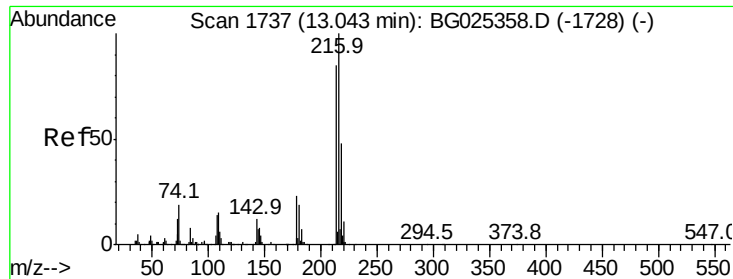
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.84 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	110.0	85.1	127.7
160	44.9	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 15.64 ng

RT: 13.04 min Scan# 1737

Delta R.T. 0.00 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Instrument :

BNA_G

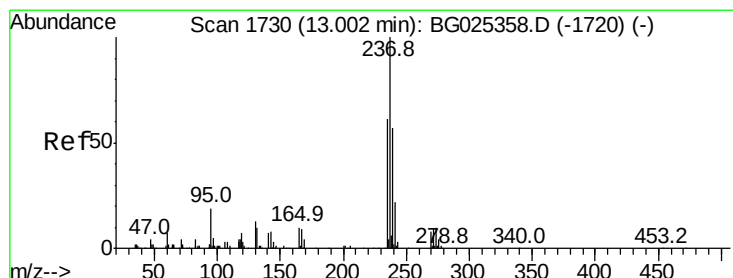
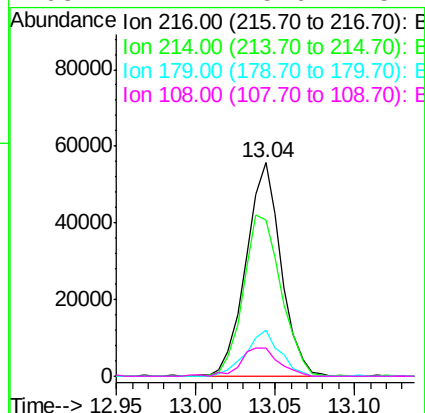
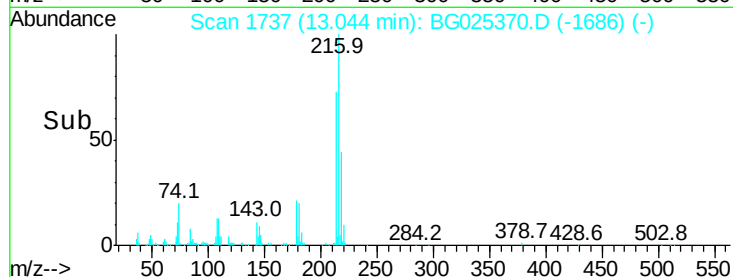
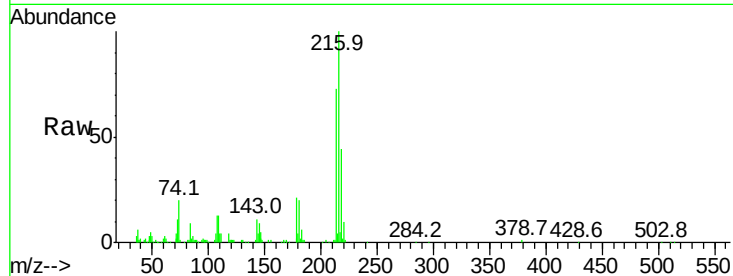
ClientSampleId :

LOQ-SOIL-02-QT1-2017

Tot Ion:	216	Resp:	85270
Ion Ratio	Lower	Upper	
216	100		
214	81.7	64.4	96.6
179	20.8	17.4	26.0
108	14.4	15.6	23.4

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#40

Hexachlorocyclopentadiene

Concen: 15.27 ng

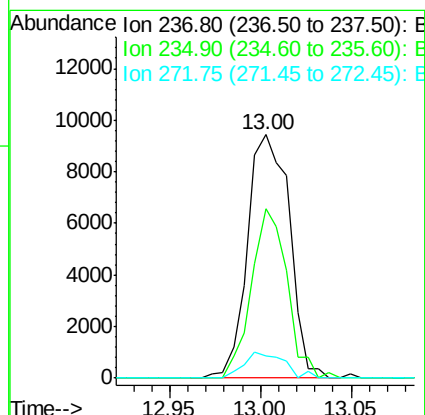
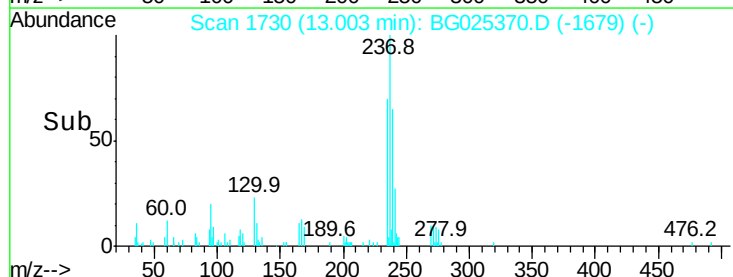
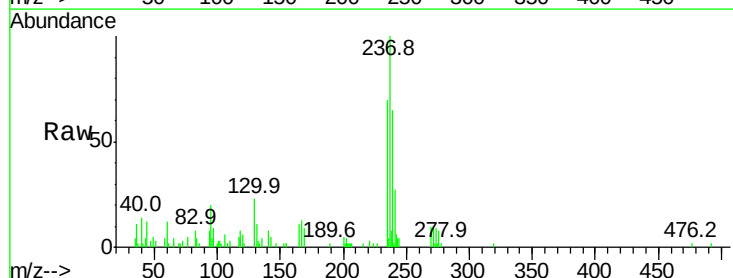
RT: 13.00 min Scan# 1730

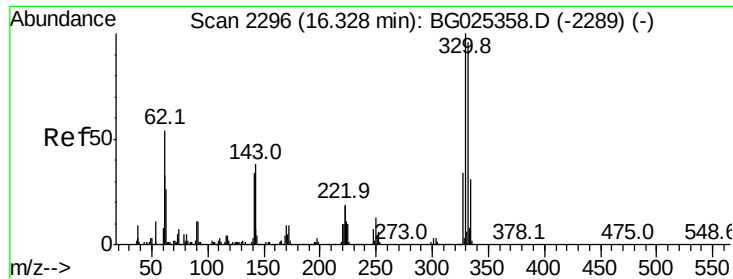
Delta R.T. 0.00 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Tgt Ion:	237	Resp:	15065
Ion Ratio	Lower	Upper	
237	100		
235	69.6	39.4	79.4
272	8.9	0.0	32.0





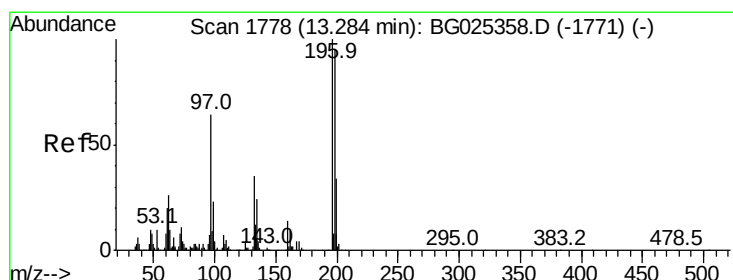
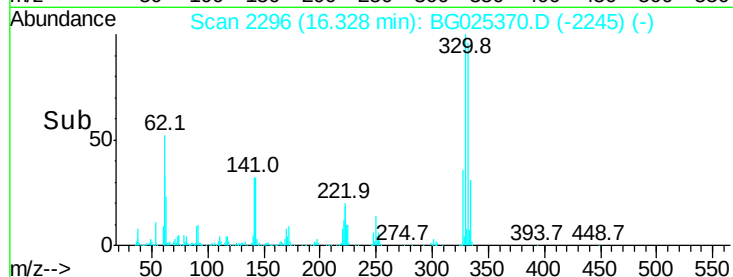
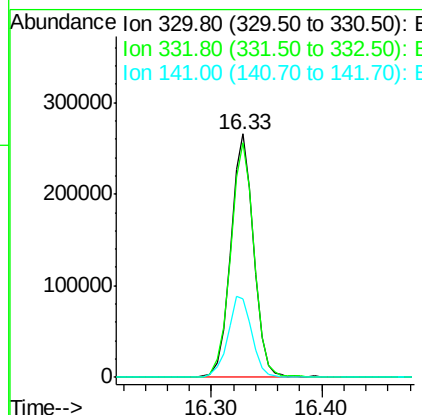
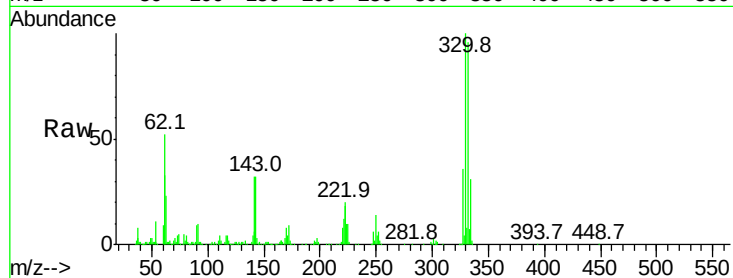
#41
 2,4,6-Tribromophenol
 Concen: 144.78 ng
 RT: 16.33 min Scan# 2296
 Delta R.T. 0.00 min
 Lab File: BG025370.D
 Acq: 21 Dec 2016 23:21

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2017

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.3	77.3	115.9	
141	34.7	32.1	48.1	

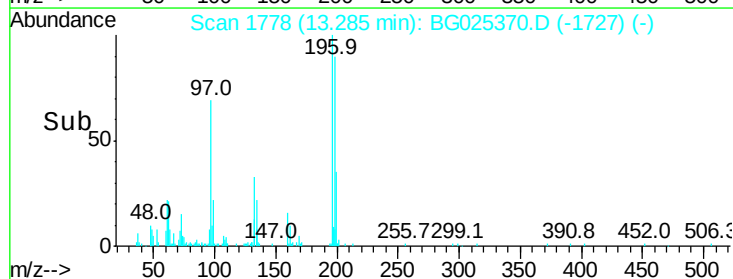
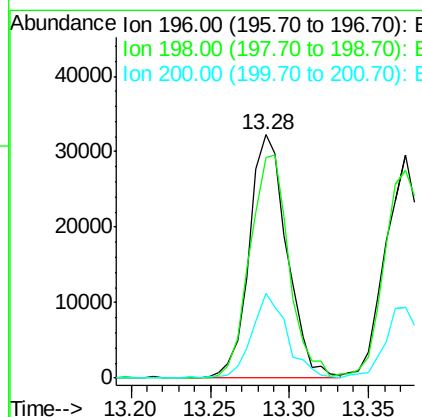
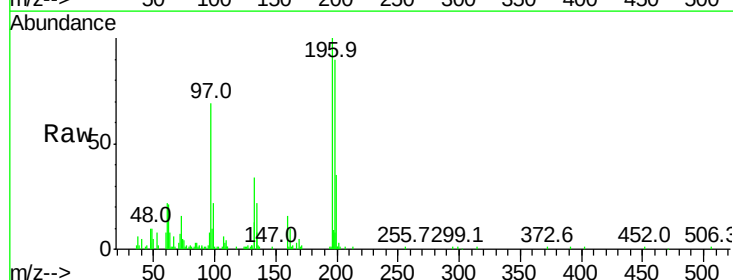
Manual Integrations
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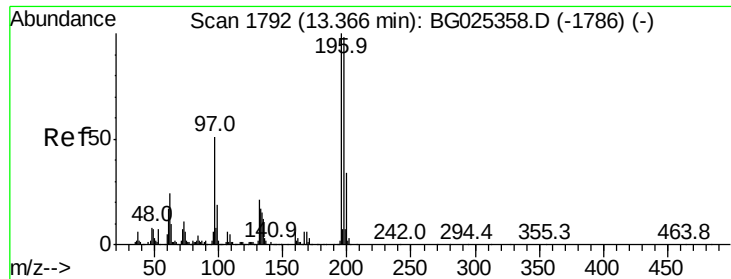
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#42
 2,4,6-Trichlorophenol
 Concen: 15.56 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG025370.D
 Acq: 21 Dec 2016 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	90.4	81.4	122.2	
200	34.8	27.0	40.6	





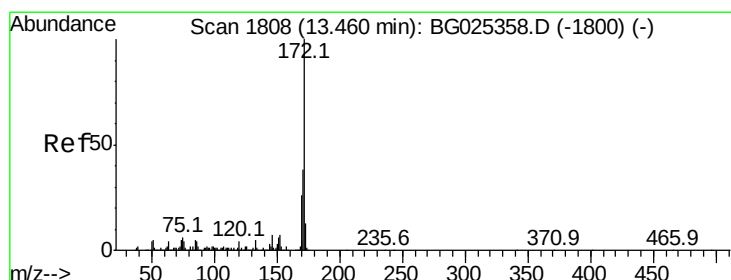
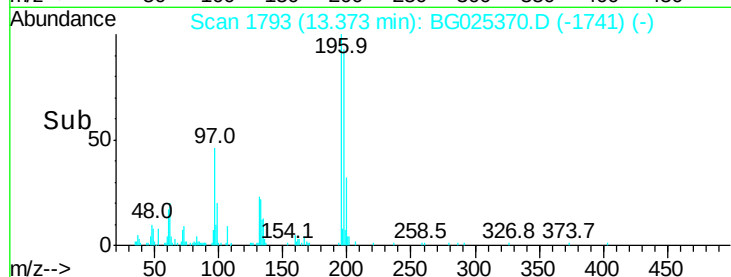
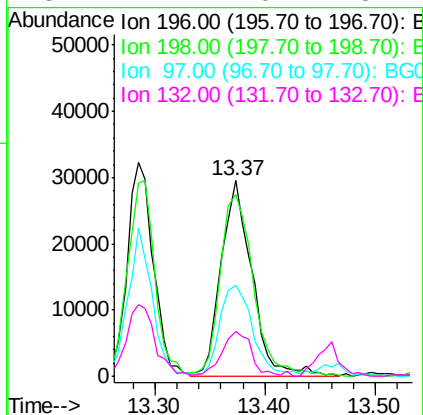
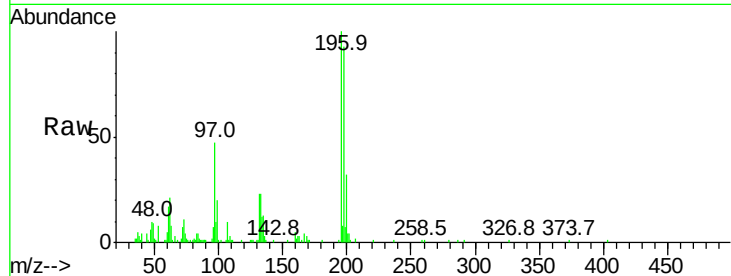
#43
 2,4,5-Trichlorophenol
 Concen: 15.76 ng/ml
 RT: 13.37 min Scan# 1793
 Delta R.T. 0.01 min
 Lab File: BG025370.D
 Acq: 21 Dec 2016 23:21

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2017

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.3	79.9	119.9
97	46.8	45.4	68.0
132	22.7	20.7	31.1

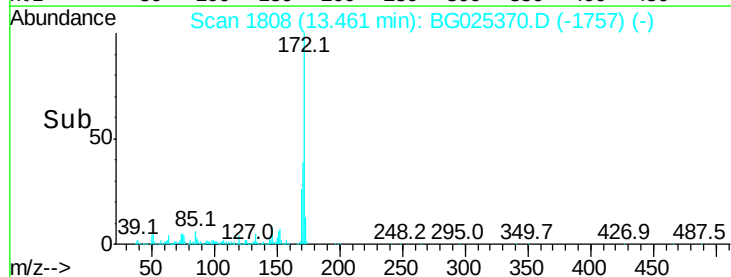
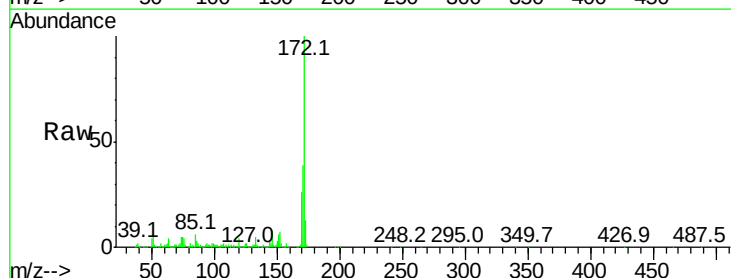
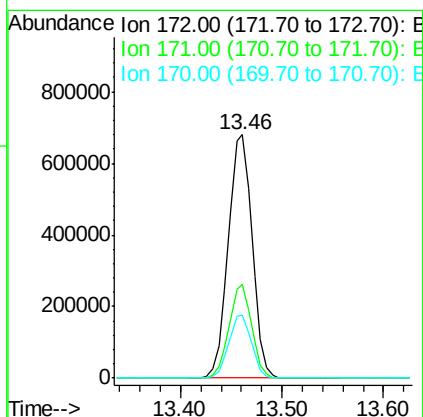
Manual Integrations
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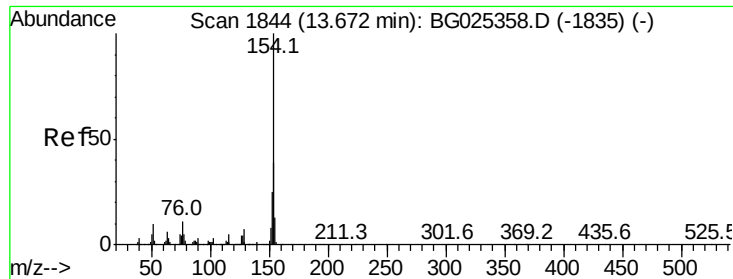
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#44
 2-Fluorobiphenyl
 Concen: 108.50 ng/ml
 RT: 13.46 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: BG025370.D
 Acq: 21 Dec 2016 23:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	32.2	48.2
170	25.8	21.8	32.6





#45

1,1'-Biphenyl

Concen: 16.33 ng

RT: 13.67 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Instrument :

BNA_G

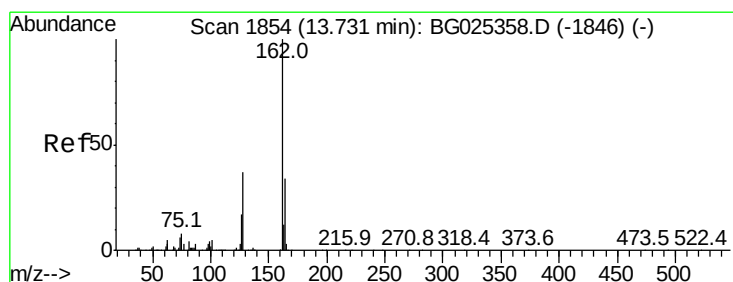
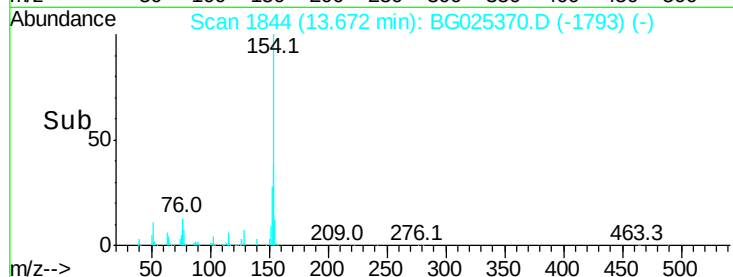
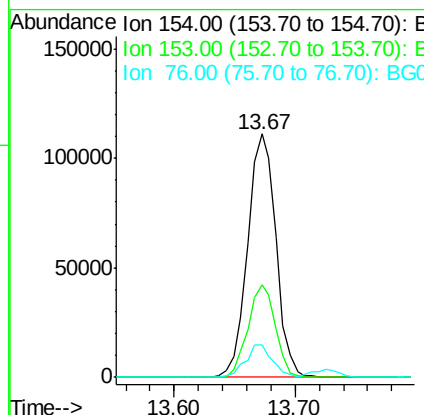
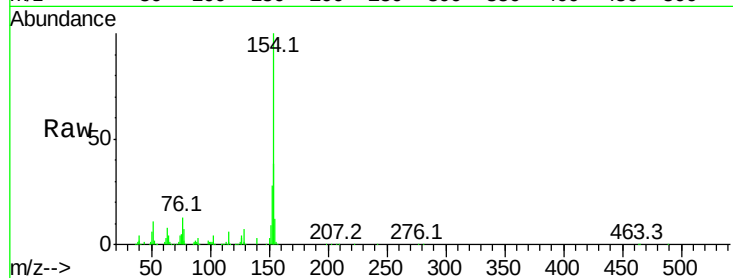
ClientSampleId :

LOQ-SOIL-02-QT1-2017

Tot Ion:	154	Resp:	181413
Ion Ratio	Lower	Upper	
154	100		
153	38.3	23.0	63.0
76	13.3	0.0	33.5

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#46

2-Chloronaphthalene

Concen: 15.68 ng

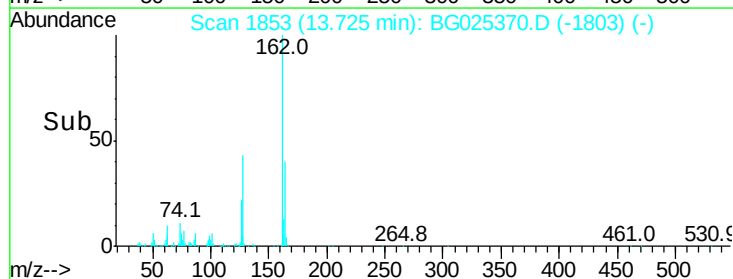
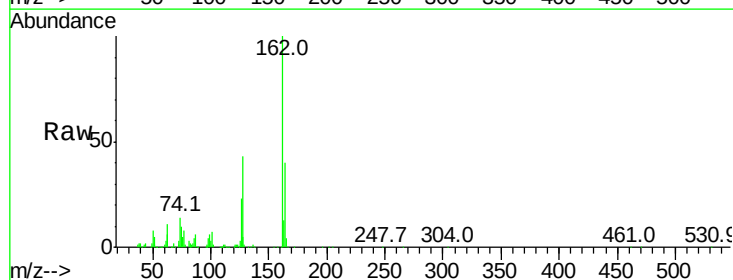
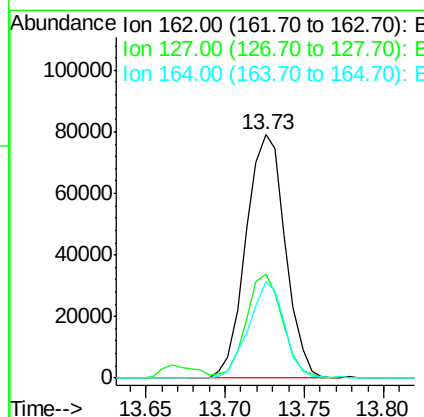
RT: 13.73 min Scan# 1853

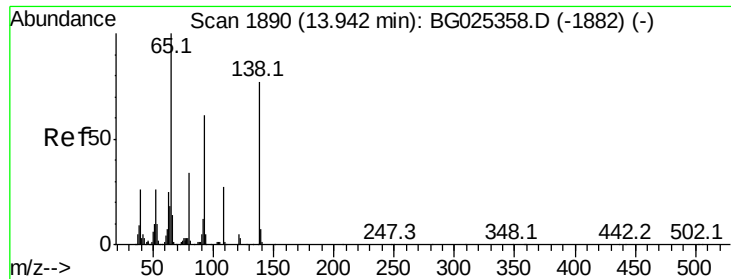
Delta R.T. -0.01 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Tgt Ion:	162	Resp:	136115
Ion Ratio	Lower	Upper	
162	100		
127	42.7	32.2	48.4
164	39.8	27.3	40.9





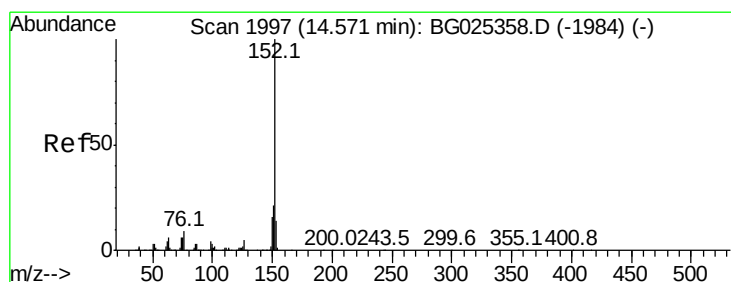
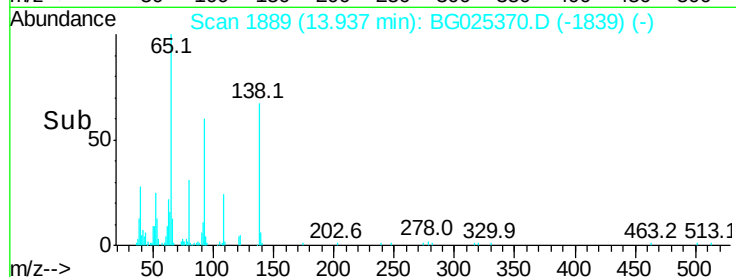
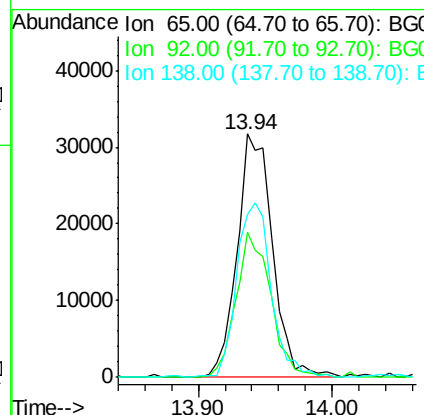
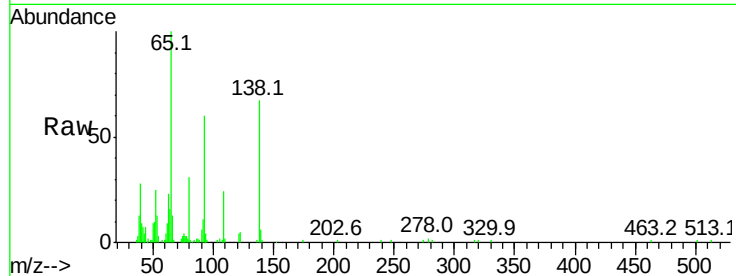
#47
2-Nitroaniline
Concen: 15.89 ng
RT: 13.94 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.6	49.0	73.4
138	66.8	58.6	87.8

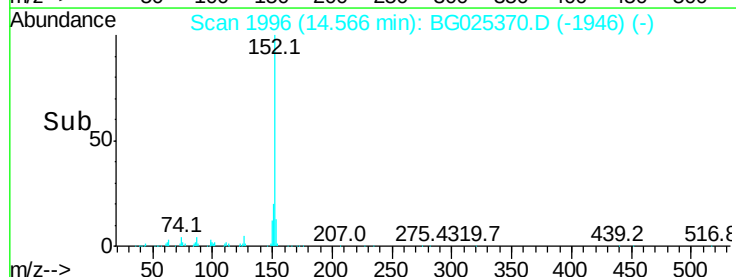
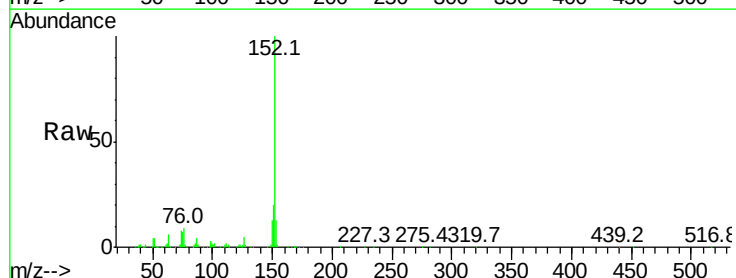
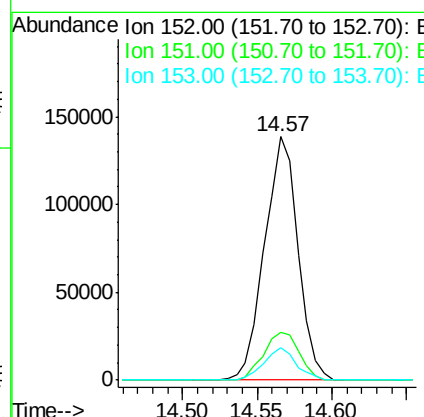
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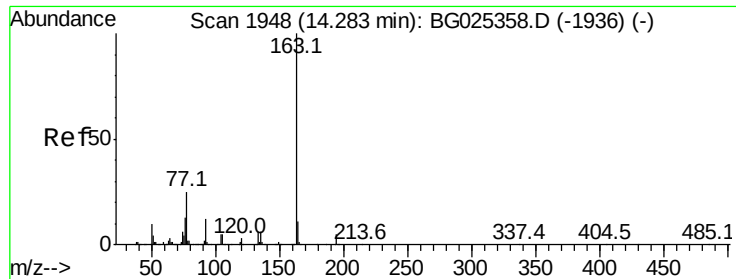
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#48
Acenaphthylene
Concen: 15.87 ng
RT: 14.57 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	18.2	27.2
153	13.3	11.3	16.9





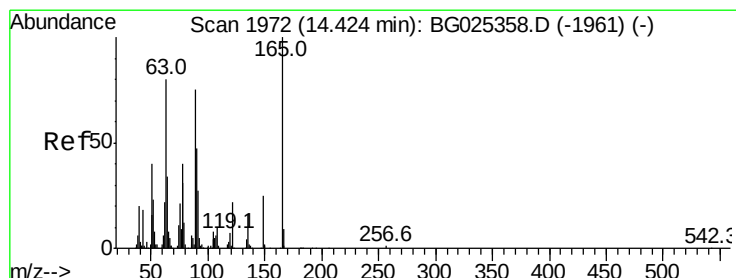
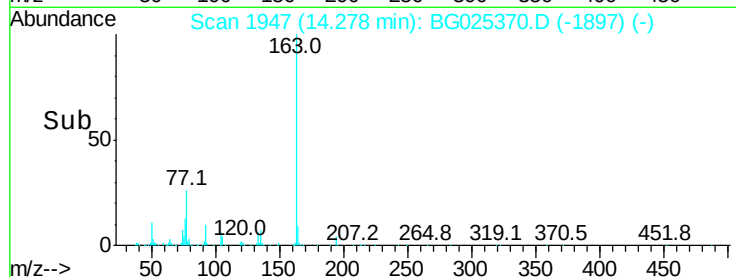
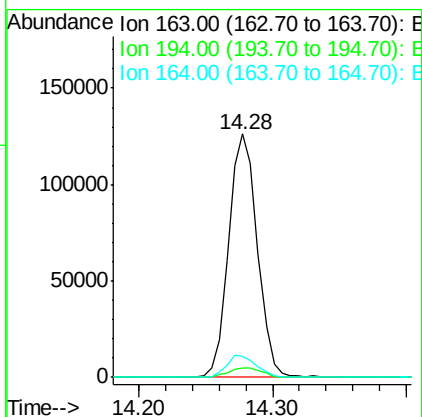
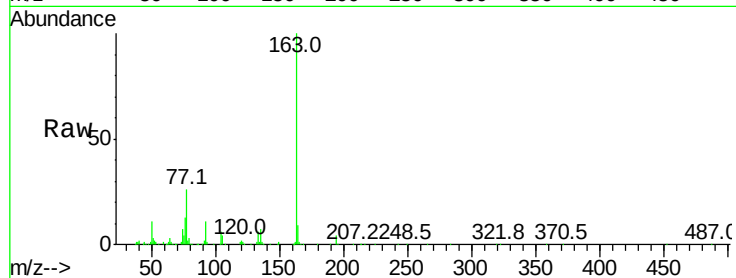
#49
Dimethylphthalate
Concen: 15.67 ng
RT: 14.28 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

Tot Ion	Ratio	Resp	Lower	Upper
163	100	188701		
194	3.7	3.8	5.6#	
164	8.6	9.3	13.9#	

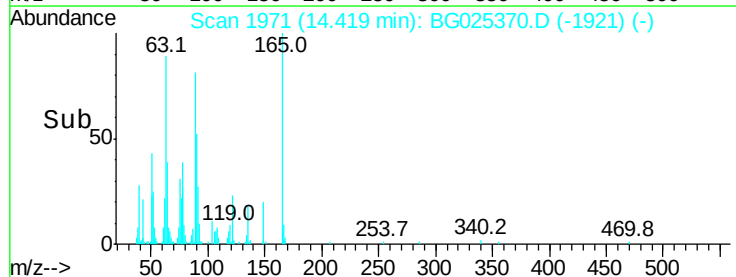
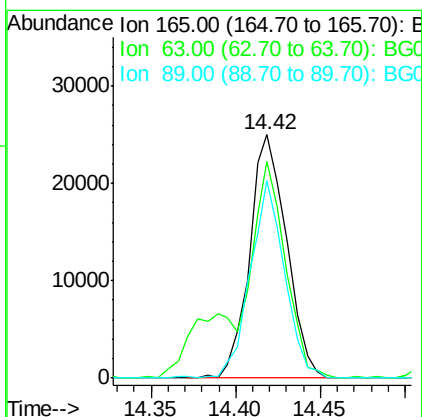
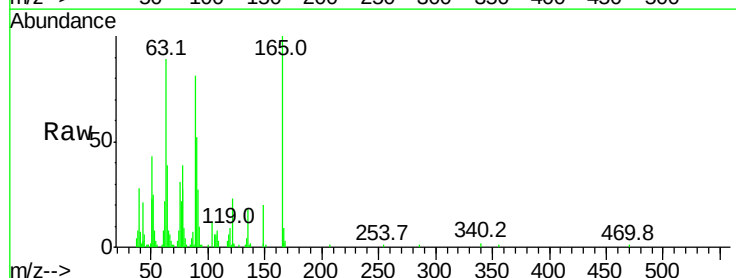
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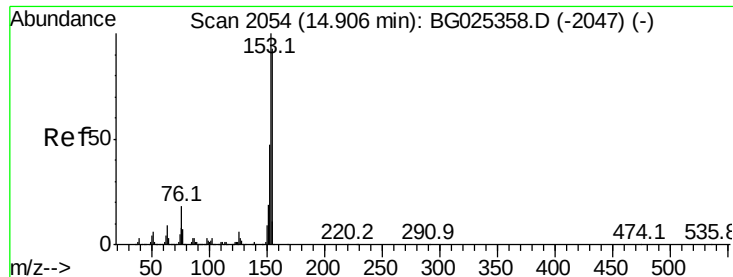
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#50
2,6-Dinitrotoluene
Concen: 14.39 ng
RT: 14.42 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	37857		
63	89.3	63.9	95.9	
89	81.0	58.6	88.0	





#51

Acenaphthene

Concen: 15.63 ng

RT: 14.90 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Instrument :

BNA_G

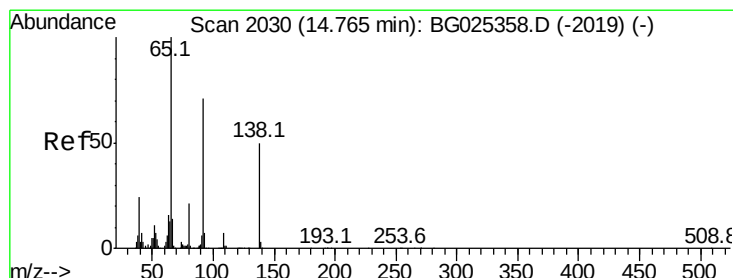
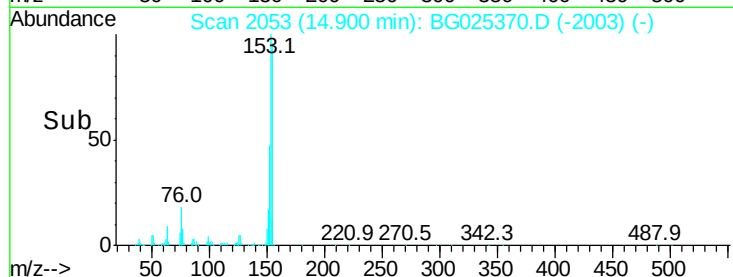
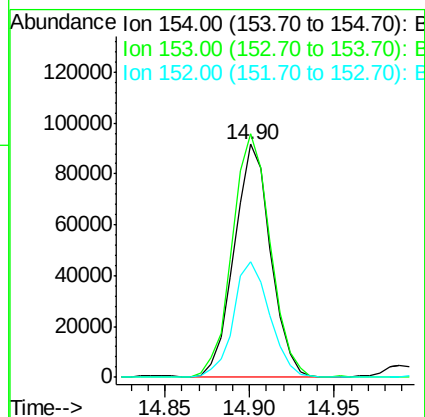
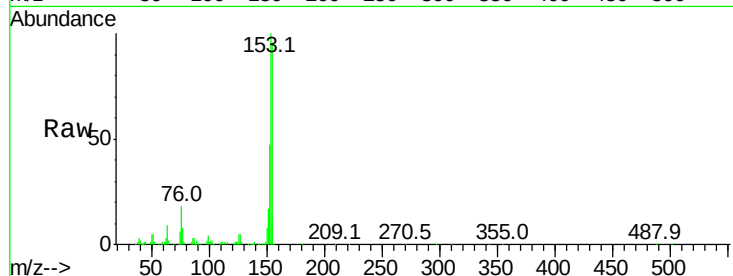
ClientSampleId :

LOQ-SOIL-02-QT1-2017

Tot Ion:	154	Resp:	137498
Ion Ratio	Lower	Upper	
154	100		
153	104.4	87.8	131.6
152	49.5	42.2	63.4

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#52

3-Nitroaniline

Concen: 11.40 ng

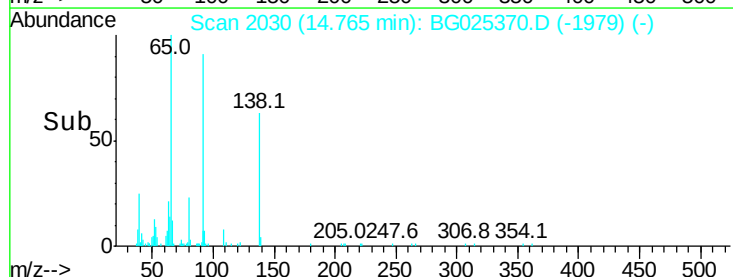
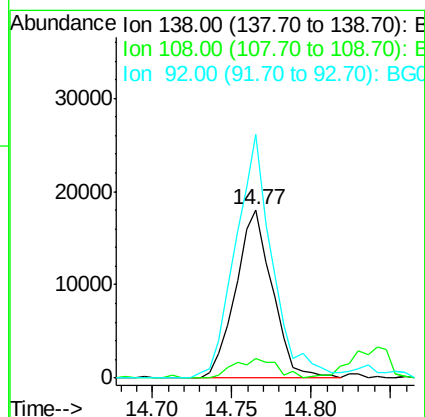
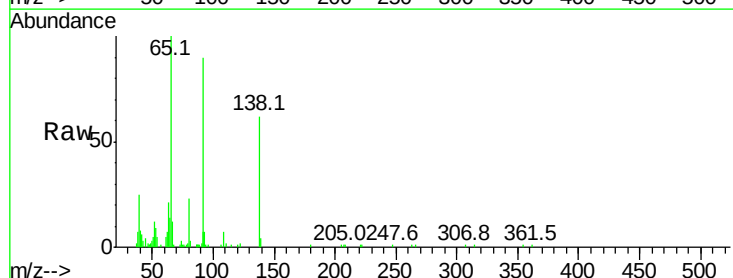
RT: 14.77 min Scan# 2030

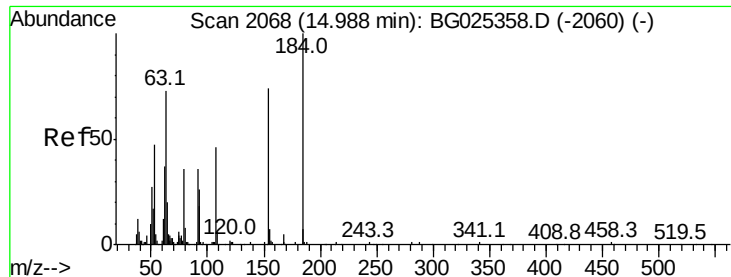
Delta R.T. 0.00 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Tgt Ion:	138	Resp:	28827
Ion Ratio	Lower	Upper	
138	100		
108	12.0	10.9	16.3
92	144.8	115.3	172.9





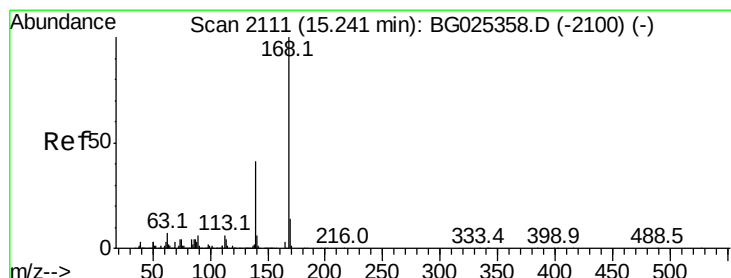
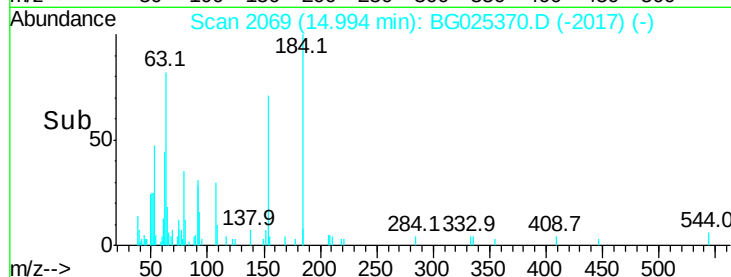
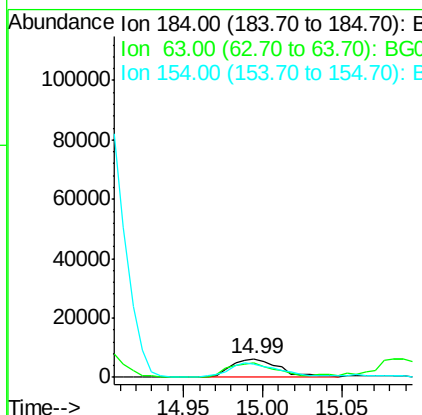
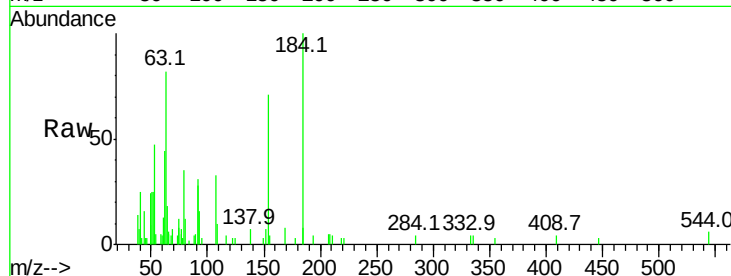
#53
2,4-Dinitrophenol
Concen: 12.39 ng
RT: 14.99 min Scan# 2069
Delta R.T. 0.01 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

Tot Ion	Ratio	Lower	Upper
184	100		
63	76.3	52.7	79.1
154	65.9	57.3	85.9

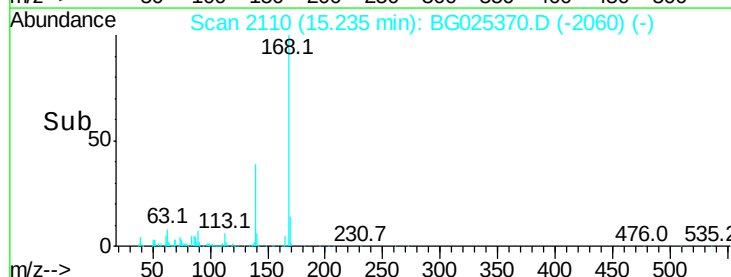
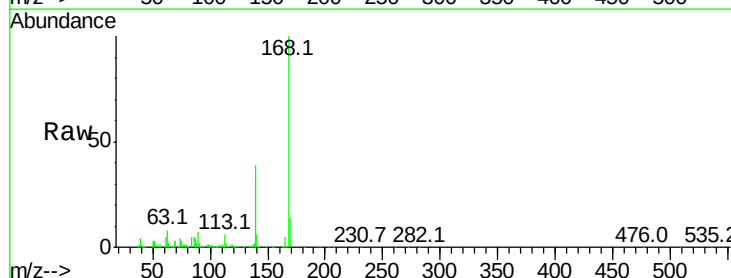
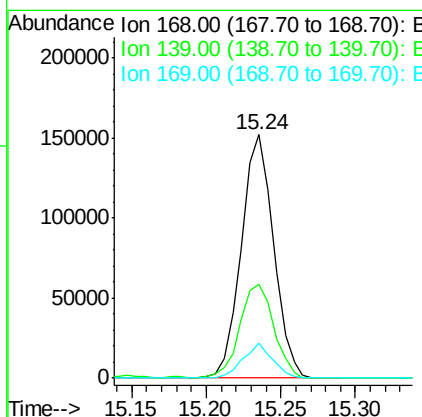
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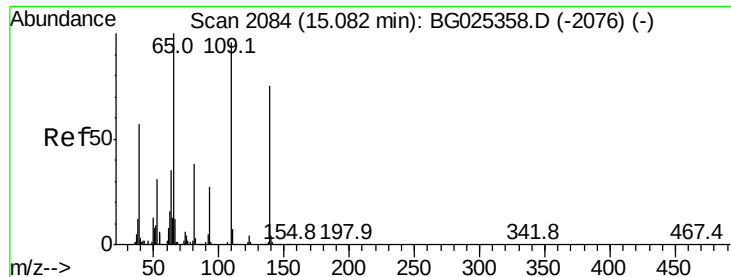
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#54
Dibenzofuran
Concen: 16.40 ng
RT: 15.24 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.8	35.3	52.9
169	14.5	11.5	17.3





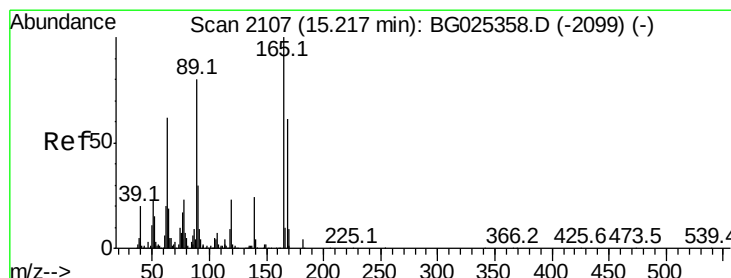
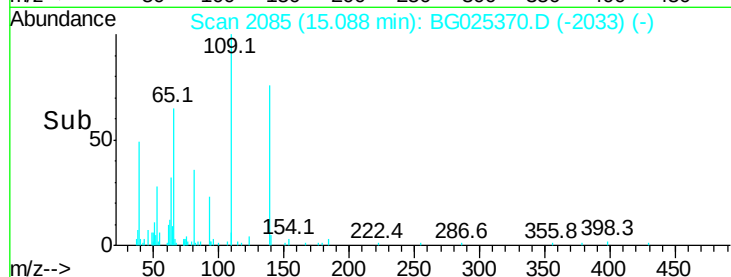
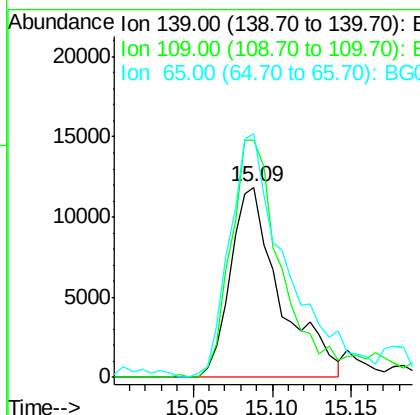
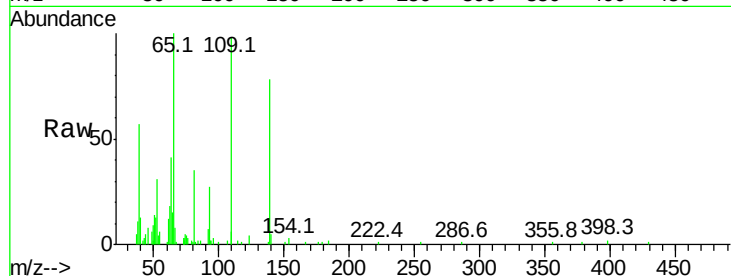
#55
4-Nitrophenol
Concen: 13.63 ng
RT: 15.09 min Scan# 2085
Delta R.T. 0.01 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

Tot Ion	Ratio	Lower	Upper
139	100		
109	124.9	101.2	141.2
65	127.9	135.3	175.3#

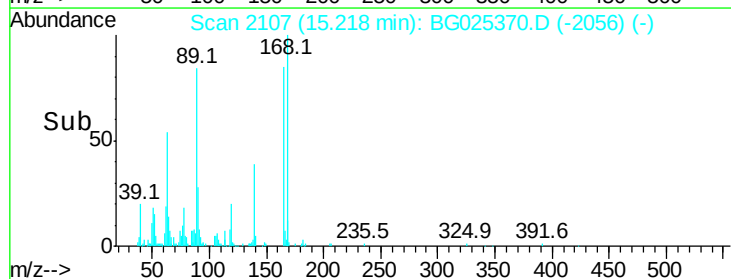
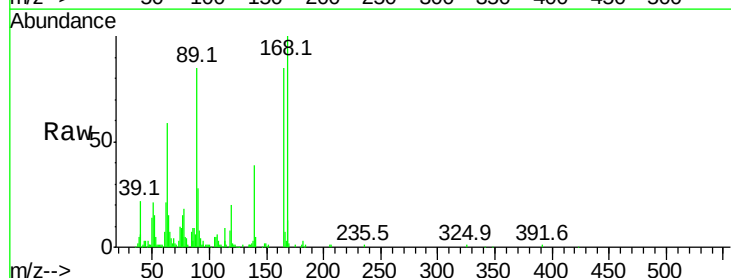
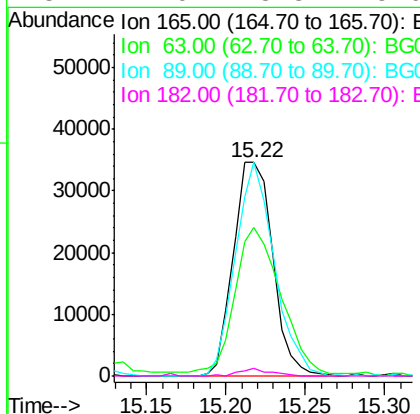
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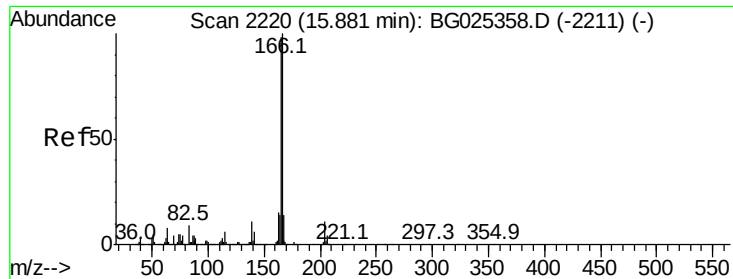
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#56
2,4-Dinitrotoluene
Concen: 15.57 ng
RT: 15.22 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	69.4	44.0	66.0#
89	99.9	67.3	100.9
182	4.0	3.8	5.6





#57

Fluorene

Concen: 15.90 ng

RT: 15.88 min Scan# 2220

Delta R.T. 0.00 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Instrument :

BNA_G

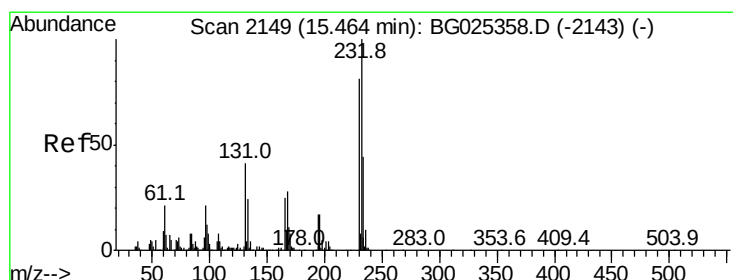
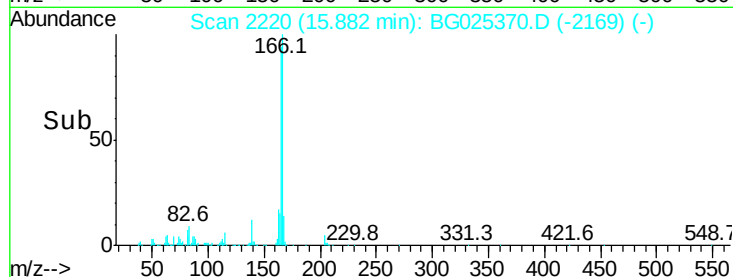
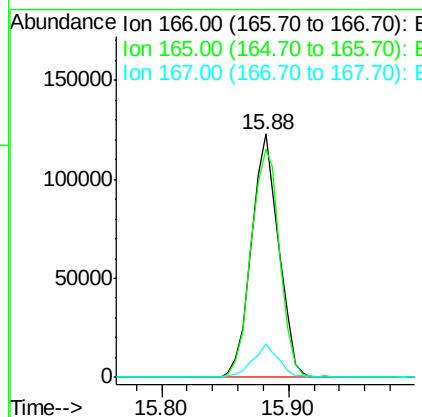
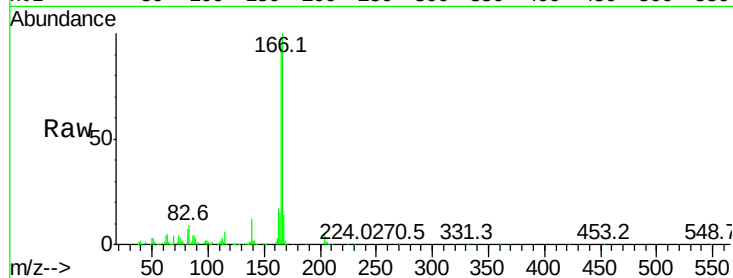
ClientSampleId :

LOQ-SOIL-02-QT1-2017

Tot Ion:	166	Resp:	185178
Ion Ratio	Lower	Upper	
166	100		
165	93.9	78.6	117.8
167	13.7	11.6	17.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 15.00 ng

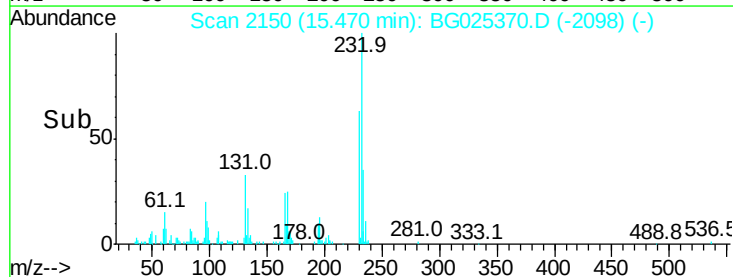
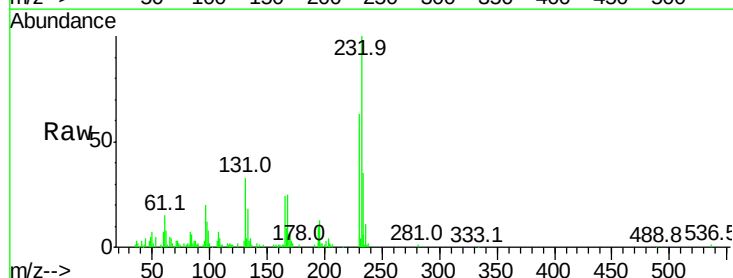
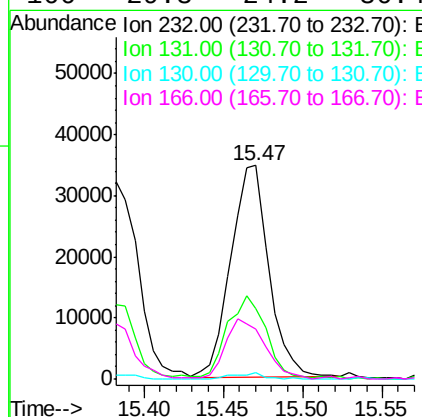
RT: 15.47 min Scan# 2150

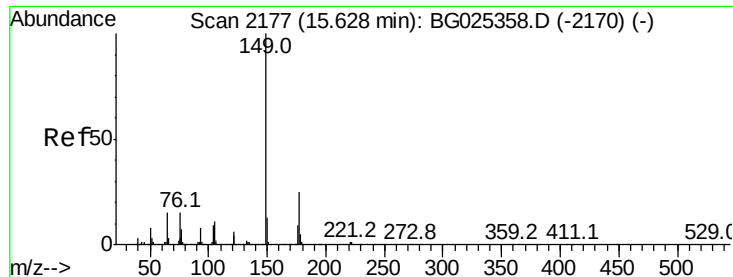
Delta R.T. 0.01 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Tgt Ion:	232	Resp:	57770
Ion Ratio	Lower	Upper	
232	100		
131	38.4	34.9	52.3
130	2.3	2.3	3.5
166	29.3	24.2	36.4





#59

Diethylphthalate

Concen: 15.31 ng

RT: 15.62 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Instrument :

BNA_G

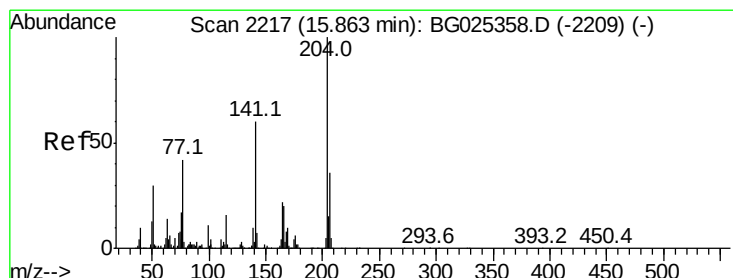
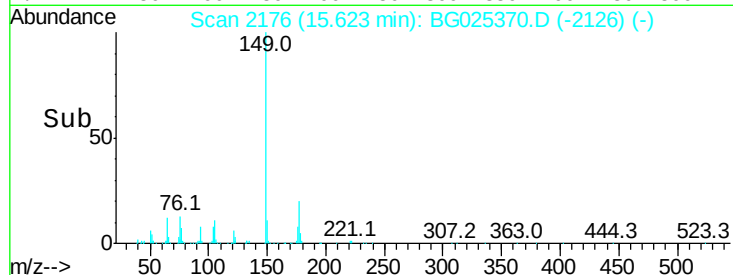
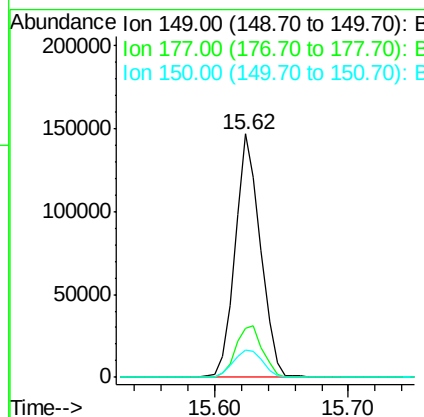
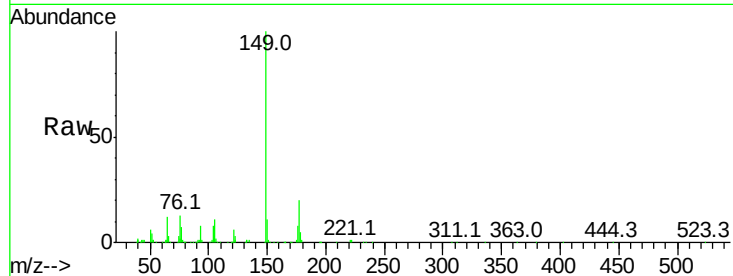
ClientSampleId :

LOQ-SOIL-02-QT1-2017

Tot Ion:	149	Resp:	193362
Ion Ratio	Lower	Upper	
149	100		
177	20.3	20.1	30.1
150	11.4	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 15.13 ng

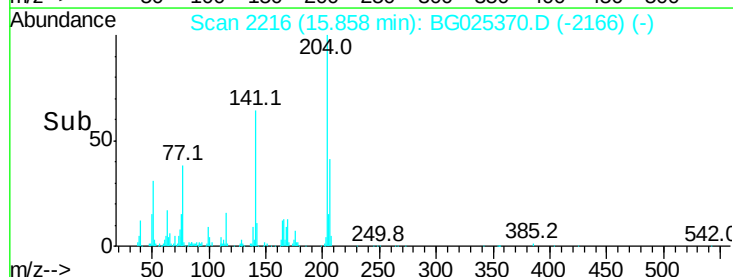
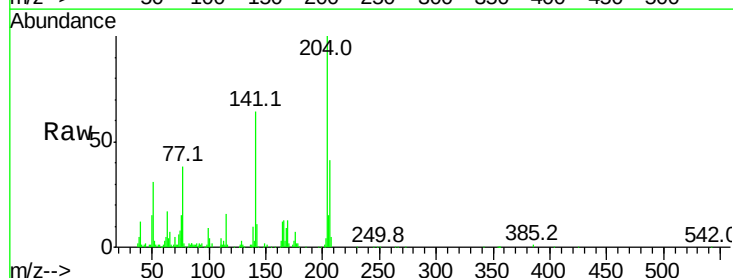
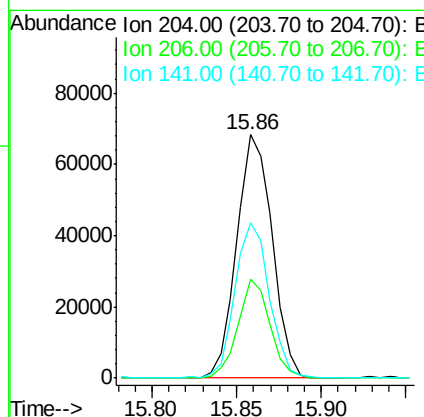
RT: 15.86 min Scan# 2216

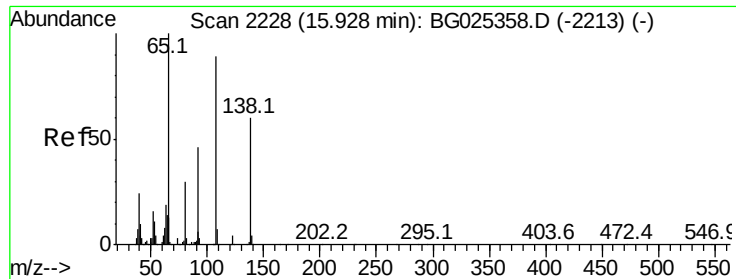
Delta R.T. -0.01 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Tgt Ion:	204	Resp:	99889
Ion Ratio	Lower	Upper	
204	100		
206	40.7	30.1	45.1
141	64.0	50.6	76.0





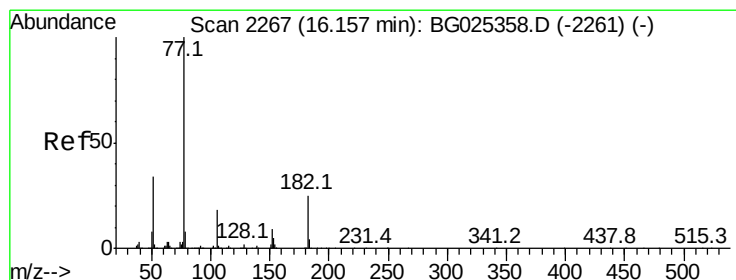
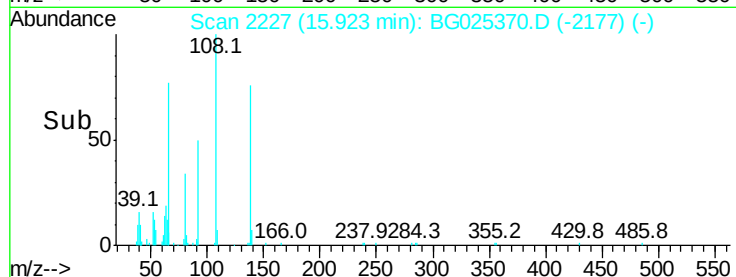
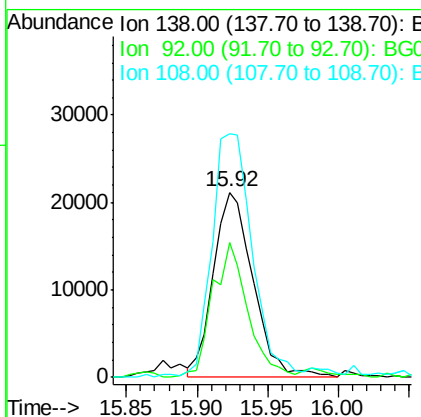
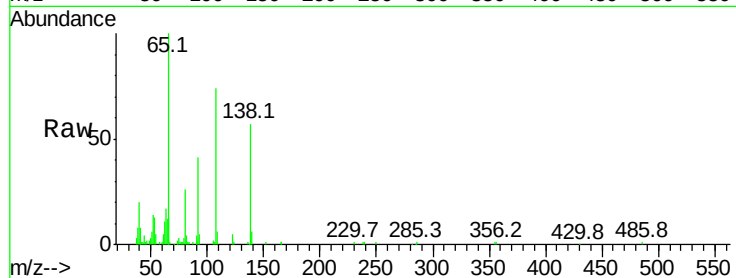
#61
4-Nitroaniline
Concen: 16.31 ng
RT: 15.92 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

Tot Ion	Ratio	Lower	Upper
138	100		
92	72.7	44.2	84.2
108	131.7	104.8	144.8

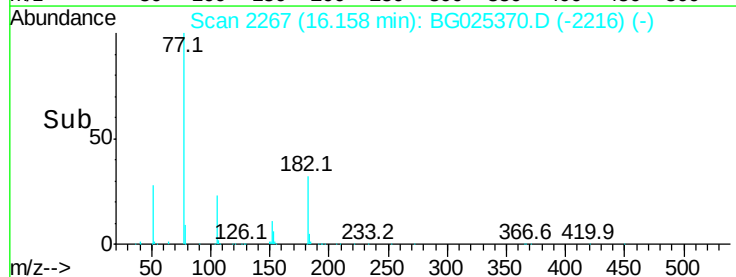
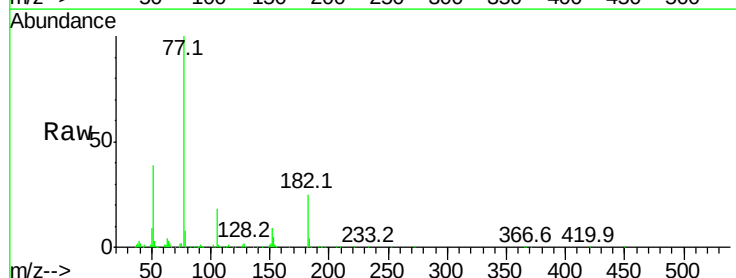
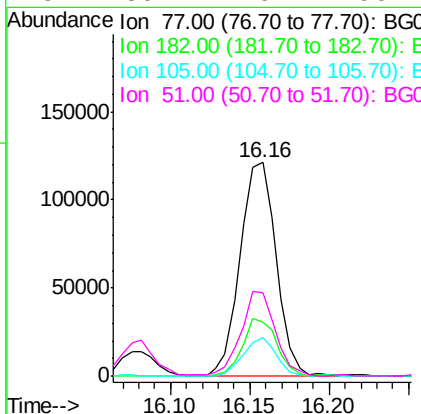
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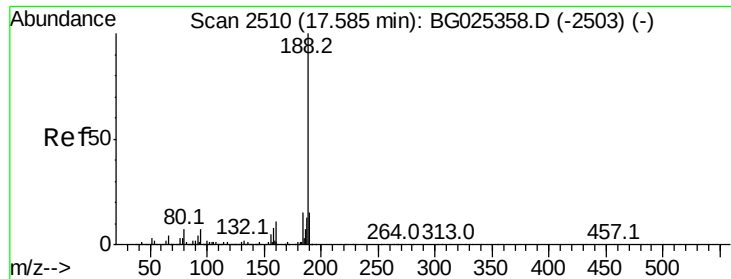
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#62
Azobenzene
Concen: 15.72 ng
RT: 16.16 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.1	4.7	44.7
105	17.8	0.0	36.3
51	39.2	16.4	56.4





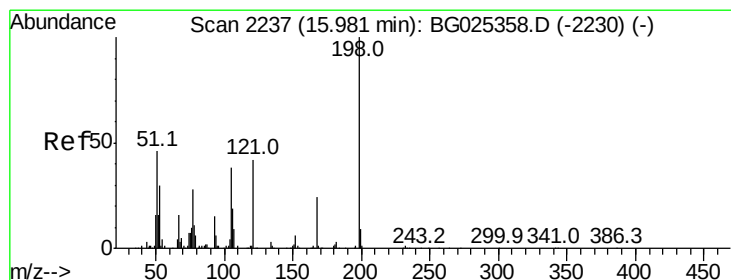
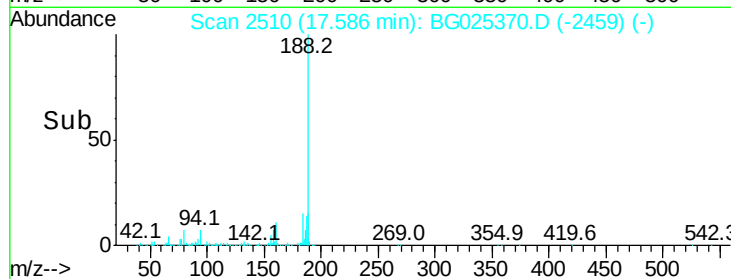
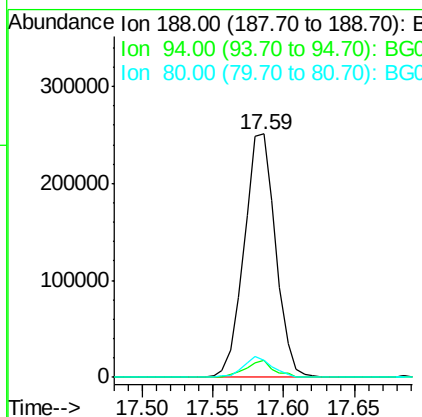
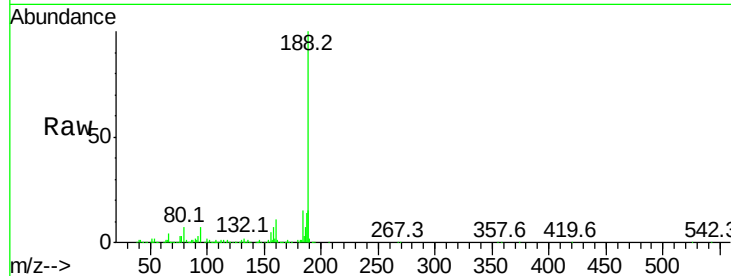
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.59 min Scan# 2510
Delta R.T. 0.00 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.8	5.8	8.8
80	7.1	7.5	11.3#

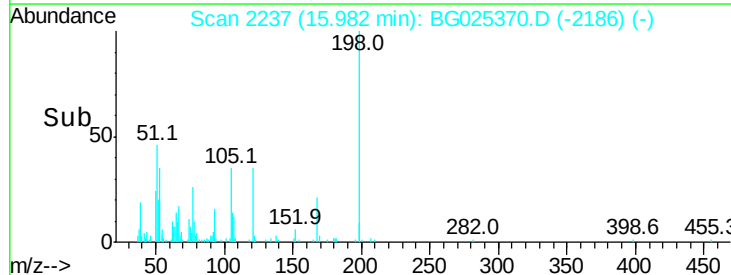
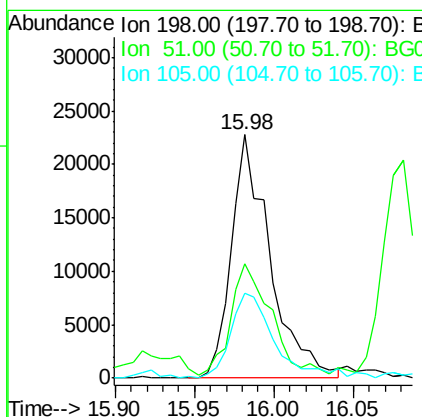
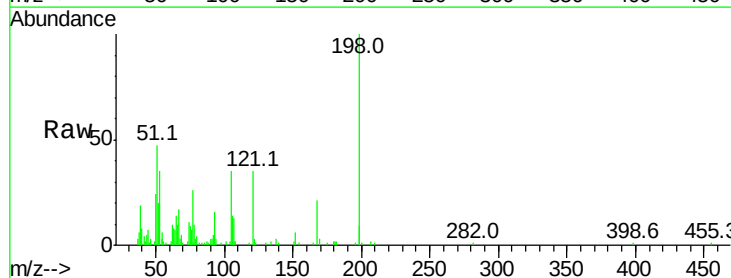
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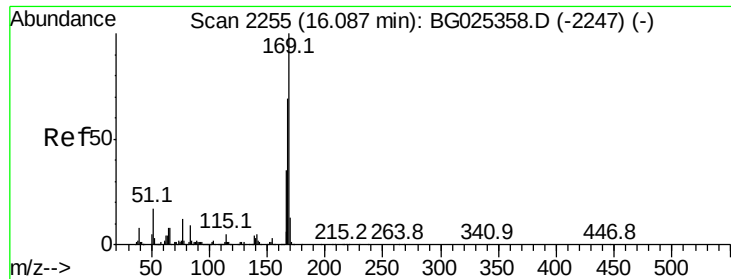
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#64
4,6-Dinitro-2-methylphenol
Concen: 14.20 ng
RT: 15.98 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	47.2	22.6	62.6
105	34.7	14.4	54.4





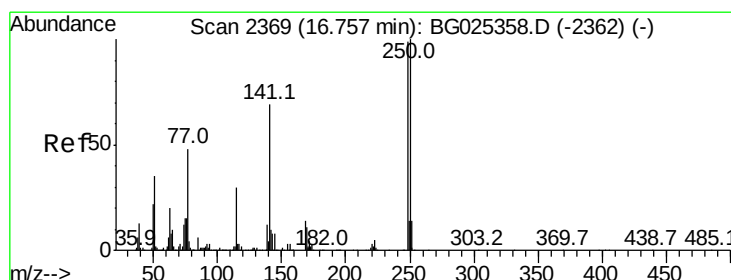
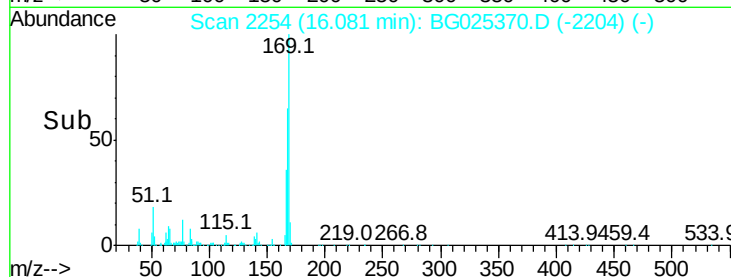
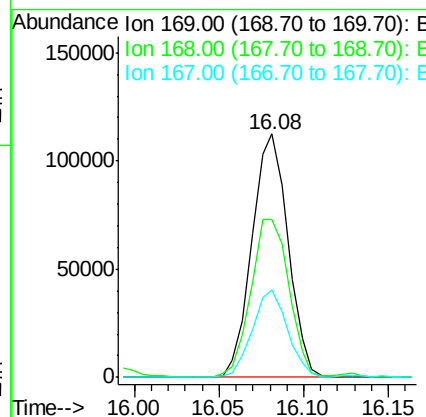
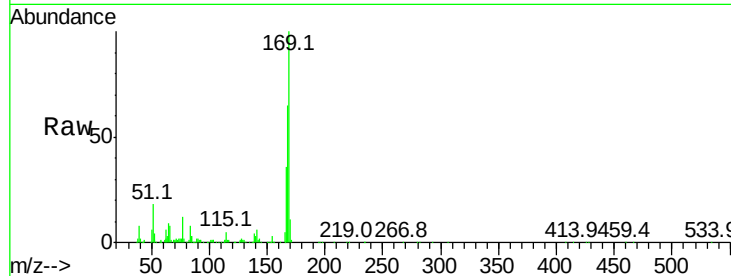
#65
n-Nitrosodiphenylamine
Concen: 15.80 ng
RT: 16.08 min Scan# 2254
Delta R.T. -0.01 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.9	55.7	83.5
167	36.1	29.8	44.6

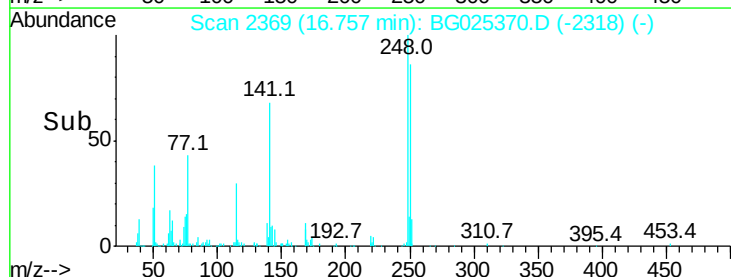
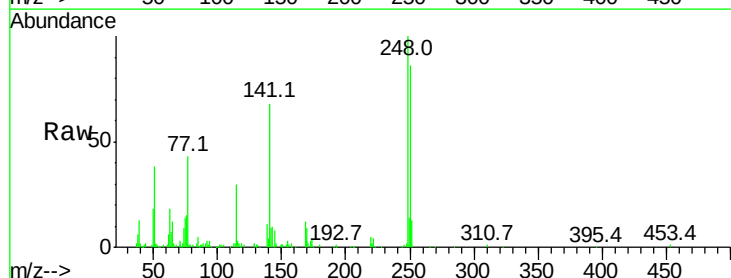
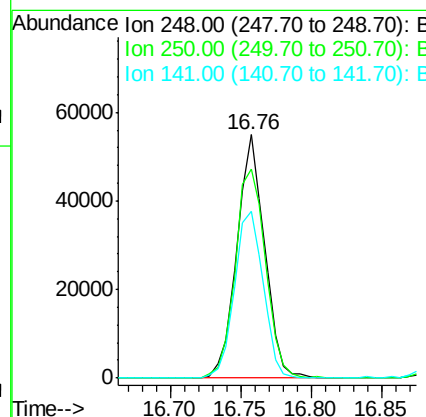
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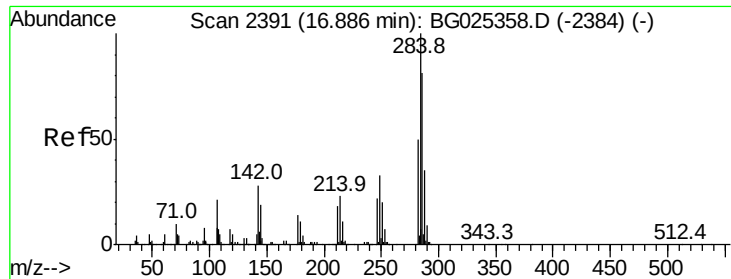
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#66
4-Bromophenyl-phenylether
Concen: 15.47 ng
RT: 16.76 min Scan# 2369
Delta R.T. 0.00 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Tgt Ion	Ratio	Lower	Upper
248	100		
250	86.0	75.0	112.6
141	68.4	55.2	82.8





#67

Hexachlorobenzene

Concen: 15.19 ng

RT: 16.88 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Instrument :

BNA_G

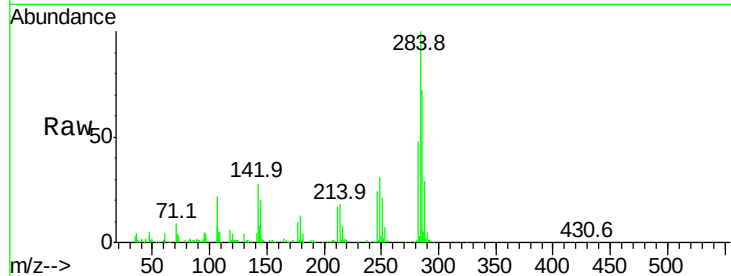
ClientSampleId :

LOQ-SOIL-02-QT1-2017

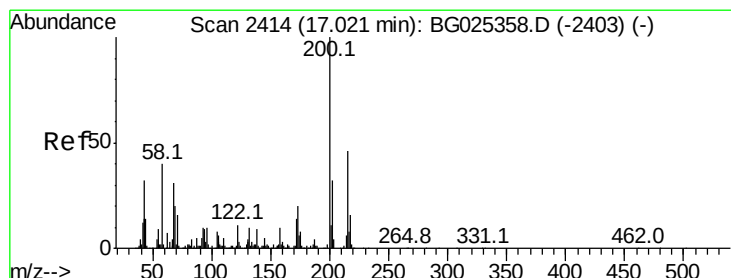
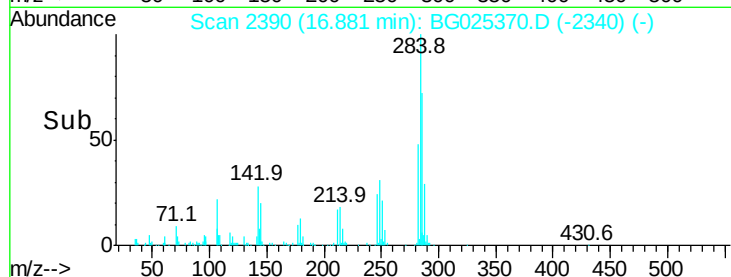
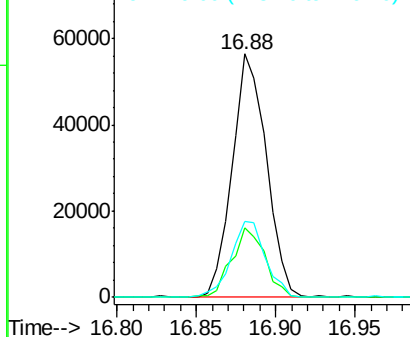
Tot Ion:	284	Resp:	84310
Ion Ratio	Lower	Upper	
284	100		
142	28.5	29.9	44.9#
249	31.4	29.2	43.8

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



#68

Atrazine

Concen: 12.04 ng

RT: 17.02 min Scan# 2413

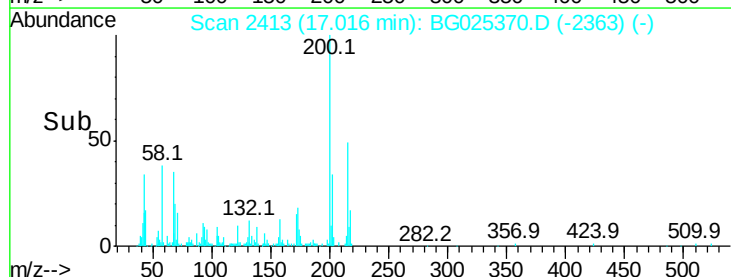
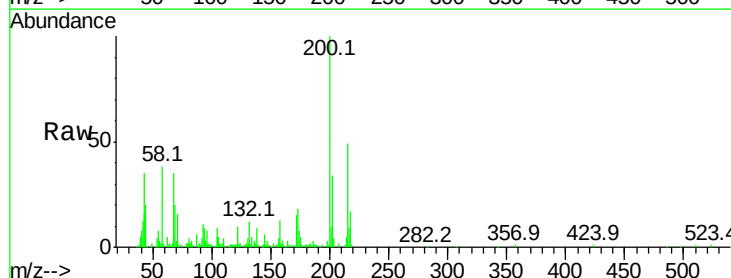
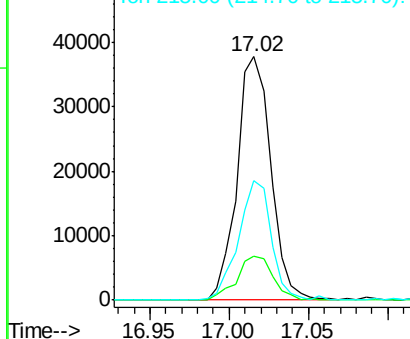
Delta R.T. -0.01 min

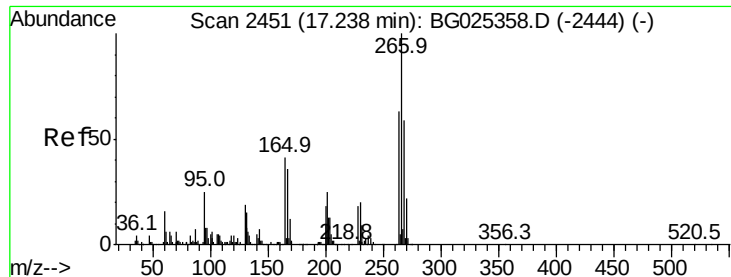
Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Tgt Ion:	200	Resp:	55922
Ion Ratio	Lower	Upper	
200	100		
173	18.2	3.0	43.0
215	48.9	28.4	68.4

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





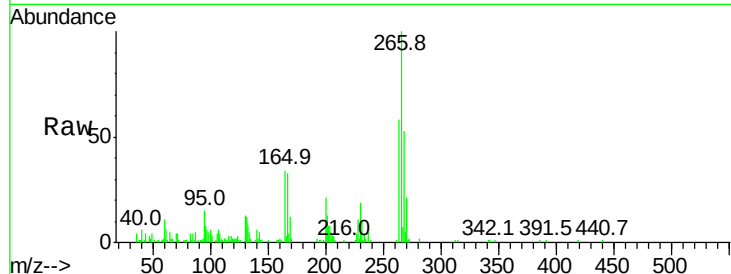
#69
 Pentachlorophenol
 Concen: 12.78 ng
 RT: 17.24 min Scan# 2452
 Delta R.T. 0.01 min
 Lab File: BG025370.D
 Acq: 21 Dec 2016 23:21

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2017

Tot Ion	Ratio	Lower	Upper
266	100		
268	53.4	48.6	72.8
264	57.8	50.1	75.1

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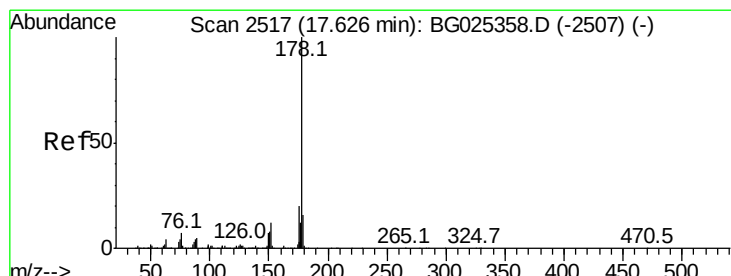
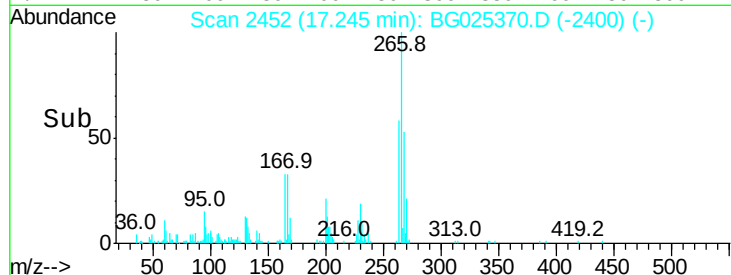
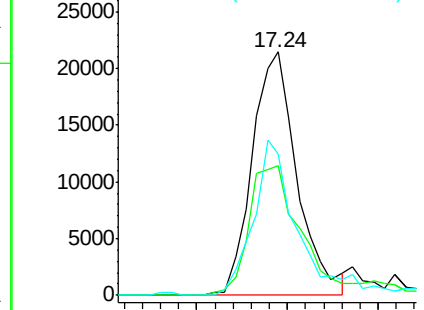


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 15.87 ng
 RT: 17.63 min Scan# 2517
 Delta R.T. 0.00 min
 Lab File: BG025370.D
 Acq: 21 Dec 2016 23:21

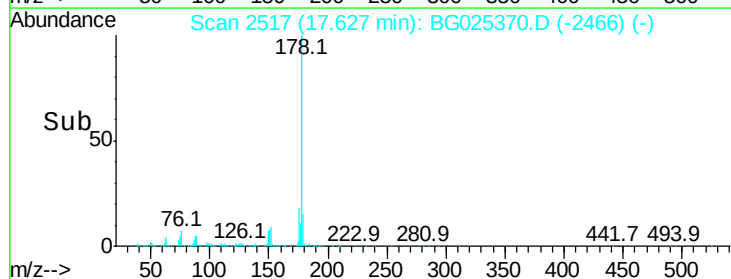
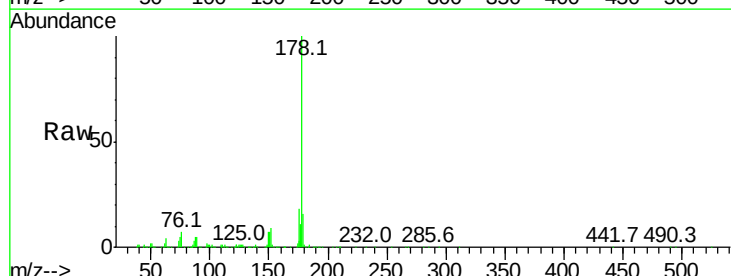
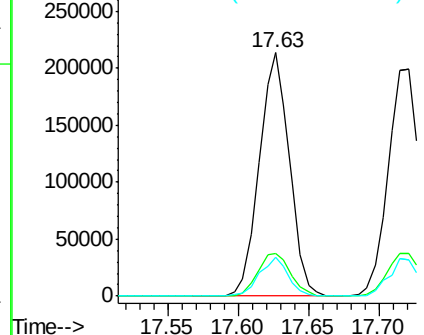
Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	17.7	26.5
179	15.7	15.0	22.6

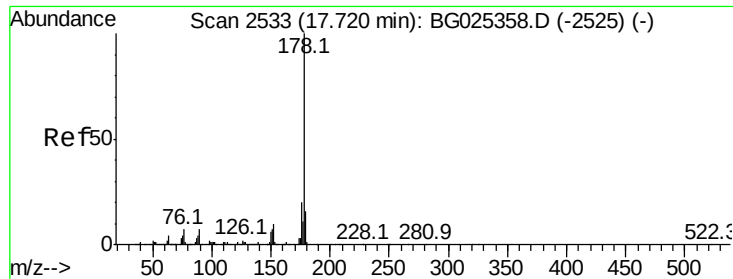
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





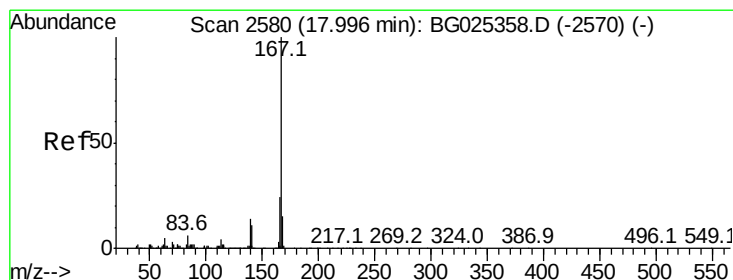
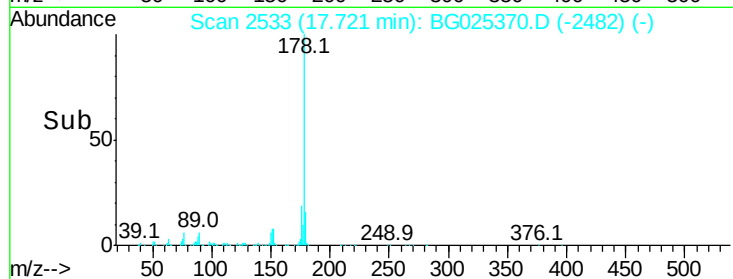
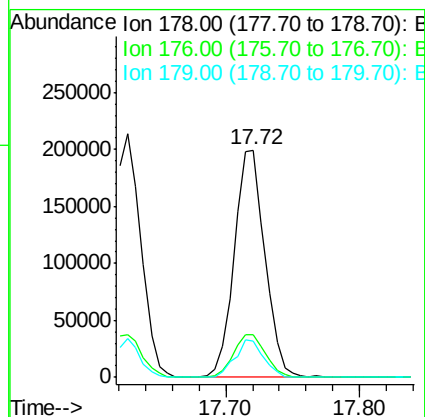
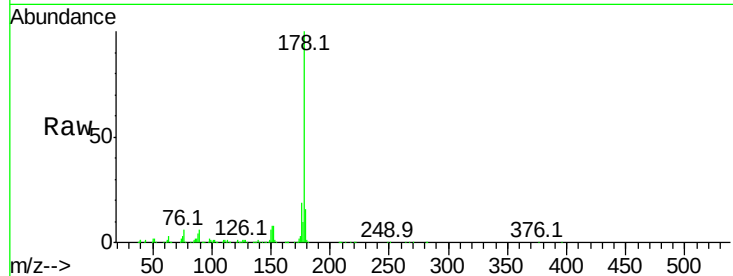
#71
 Anthracene
 Concen: 15.47 ng
 RT: 17.72 min Scan# 2533
 Delta R.T. 0.00 min
 Lab File: BG025370.D
 Acq: 21 Dec 2016 23:21

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2017

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.4	24.6
179	16.0	13.8	20.8

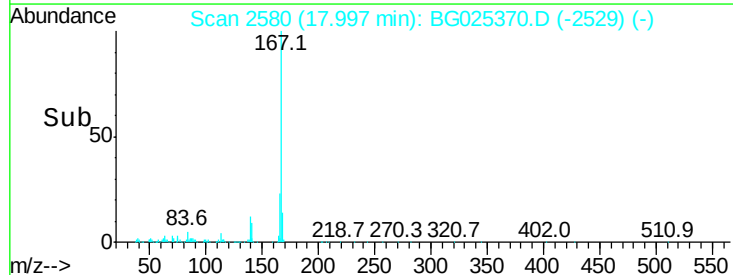
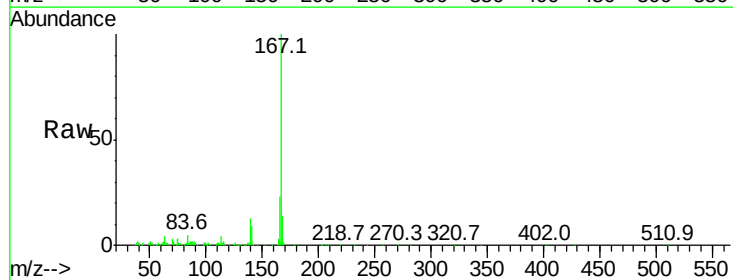
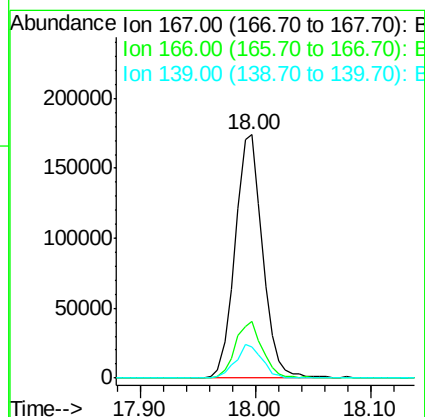
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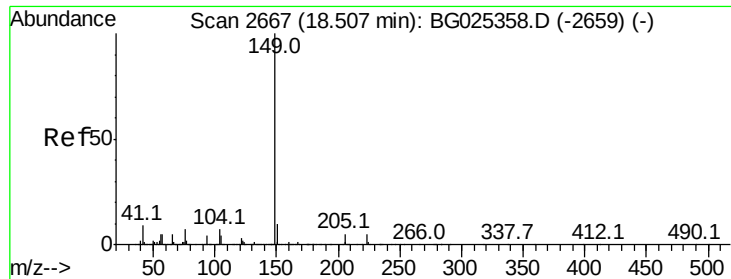
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#72
 Carbazole
 Concen: 15.60 ng
 RT: 18.00 min Scan# 2580
 Delta R.T. 0.00 min
 Lab File: BG025370.D
 Acq: 21 Dec 2016 23:21

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.2	20.2	30.2
139	12.5	12.8	19.2#





#73

Di-n-butylphthalate

Concen: 15.77 ng

RT: 18.50 min Scan# 2666

Delta R.T. -0.01 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Instrument :

BNA_G

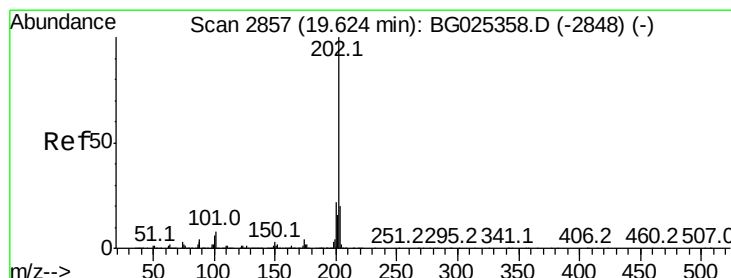
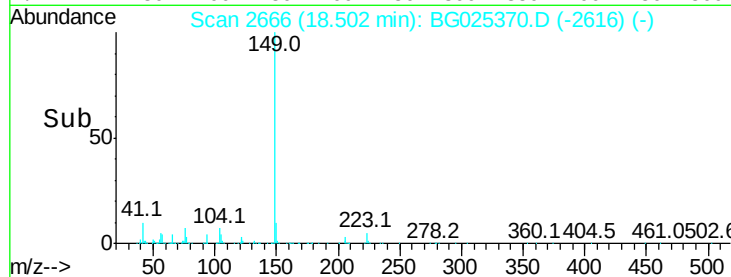
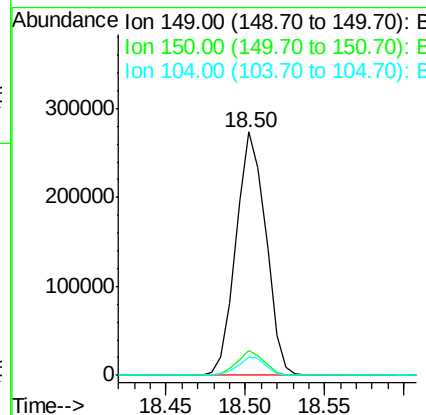
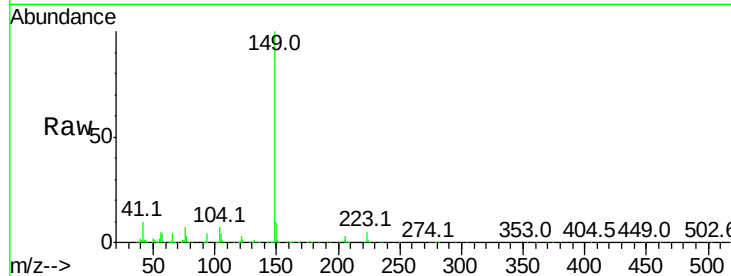
ClientSampleId :

LOQ-SOIL-02-QT1-2017

Tot Ion:	149	Resp:	356385
Ion Ratio	Lower	Upper	
149	100		
150	10.1	9.1	13.7
104	7.3	6.7	10.1

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#74

Fluoranthene

Concen: 16.57 ng

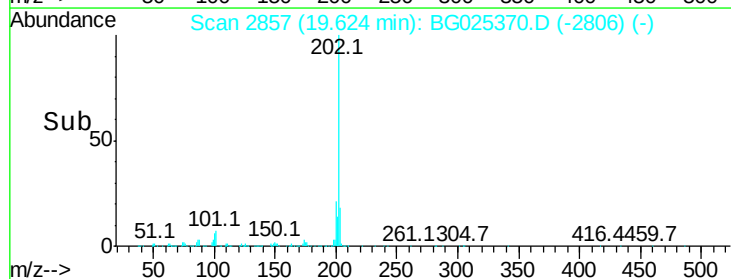
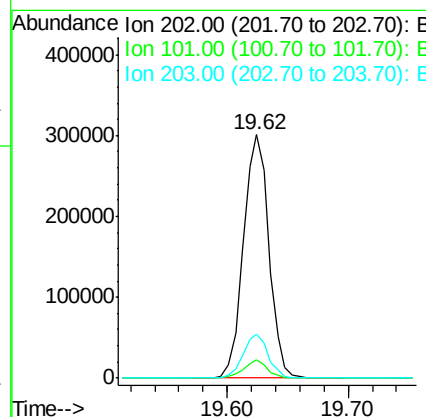
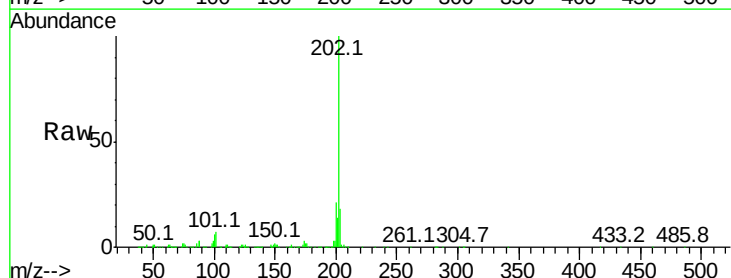
RT: 19.62 min Scan# 2857

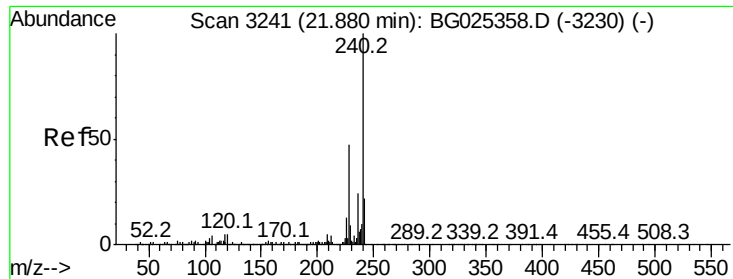
Delta R.T. 0.00 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Tgt Ion:	202	Resp:	442314
Ion Ratio	Lower	Upper	
202	100		
101	7.3	0.0	30.1
203	18.2	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.87 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Instrument :

BNA_G

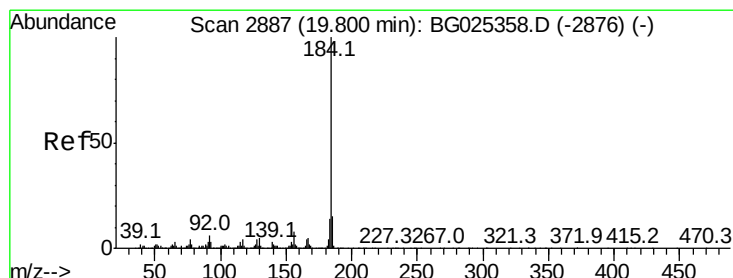
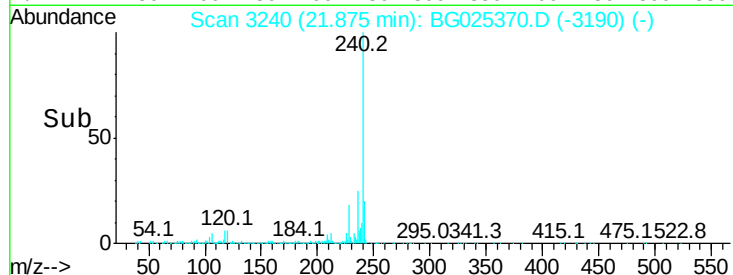
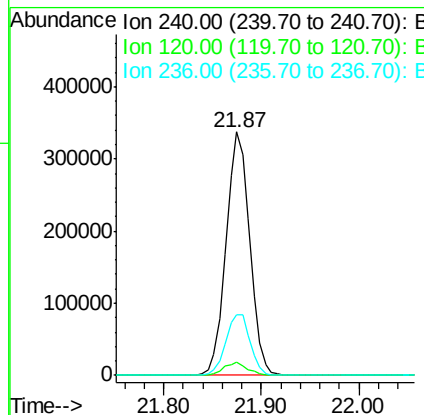
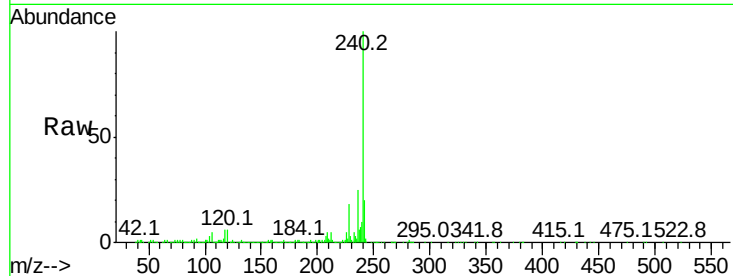
ClientSampleId :

LOQ-SOIL-02-QT1-2017

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.7	8.5#
236	25.0	22.2	33.4

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#76

Benzidine

Concen: 9.75 ng

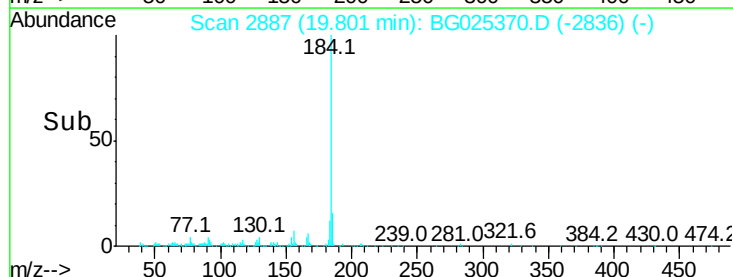
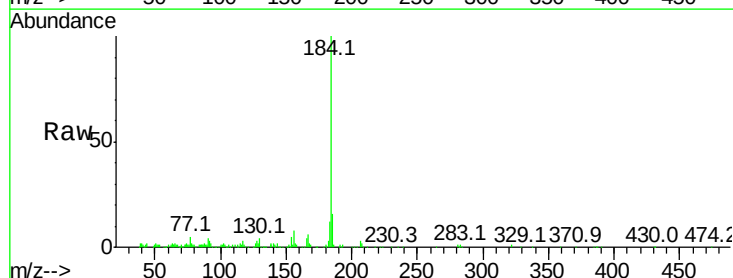
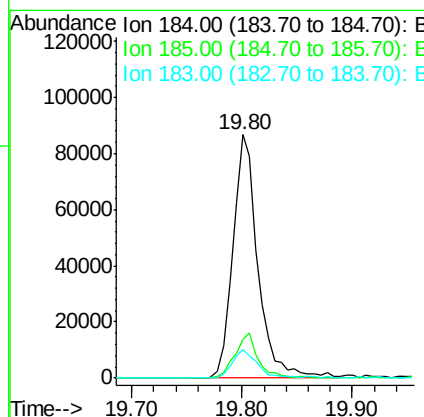
RT: 19.80 min Scan# 2887

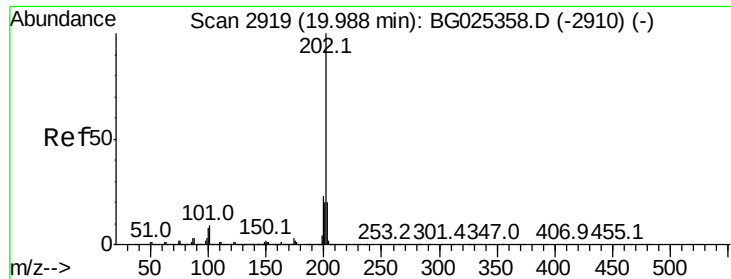
Delta R.T. 0.00 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.2	13.0	19.6
183	11.6	11.0	16.6





#77

Pvrene

Concen: 15.71 ng

RT: 19.99 min Scan# 2919

Delta R.T. 0.00 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Instrument :

BNA_G

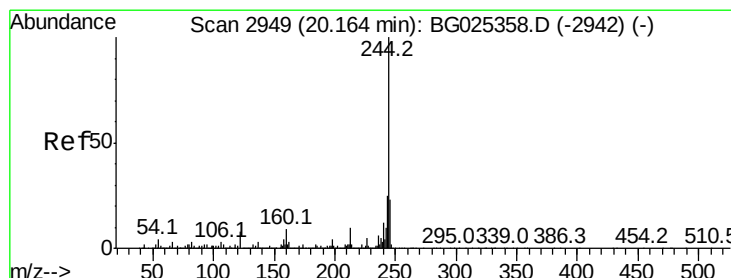
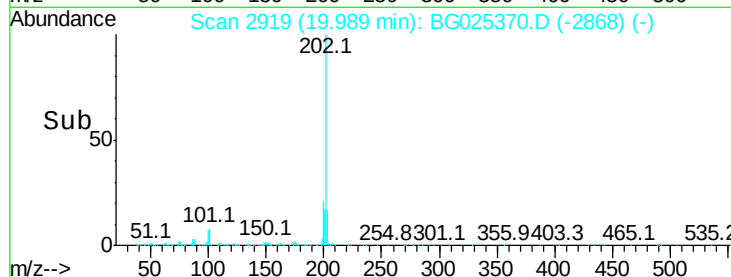
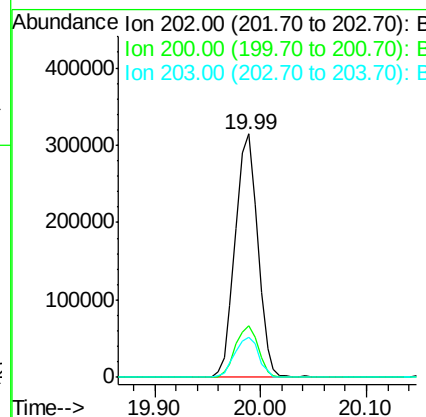
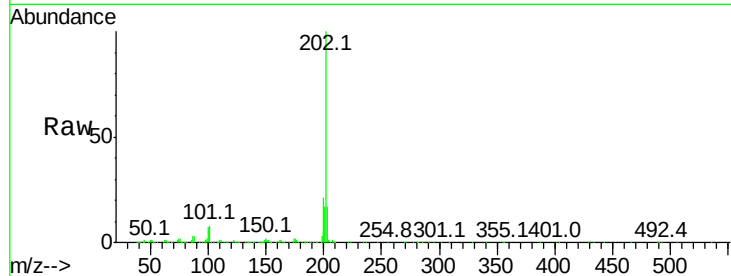
ClientSampleId :

LOQ-SOIL-02-QT1-2017

Tot Ion:	202	Resp:	463824
Ion Ratio		Lower	Upper
202	100		
200	21.1	19.6	29.4
203	16.7	15.8	23.8

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#78

Terphenyl-d14

Concen: 101.15 ng

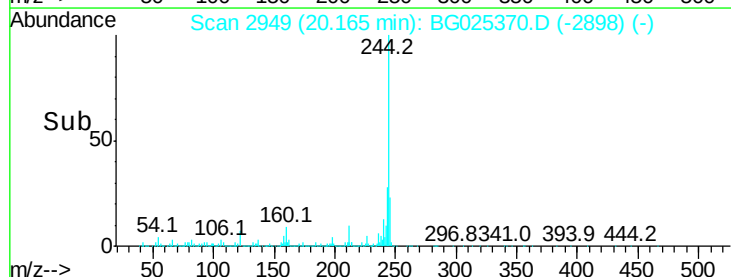
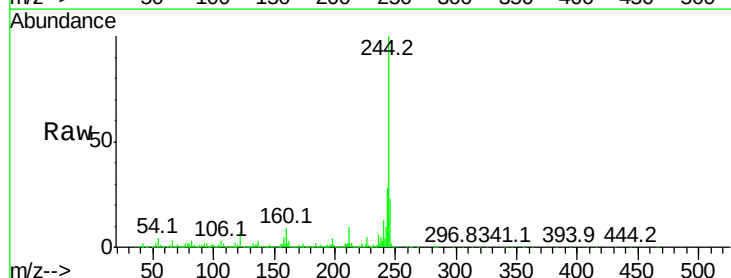
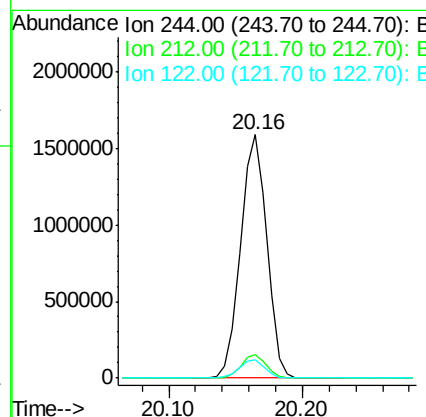
RT: 20.16 min Scan# 2949

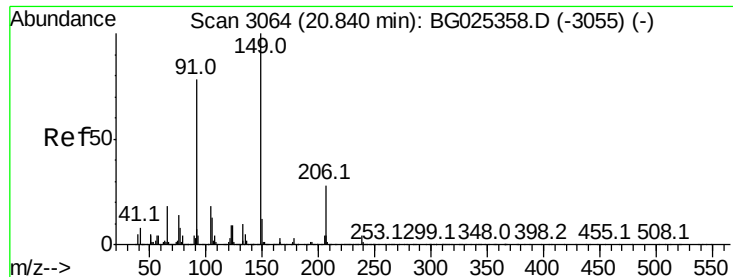
Delta R.T. 0.00 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Tgt Ion:	244	Resp:	2155003
Ion Ratio		Lower	Upper
244	100		
212	9.6	10.0	15.0#
122	7.3	8.6	12.8#





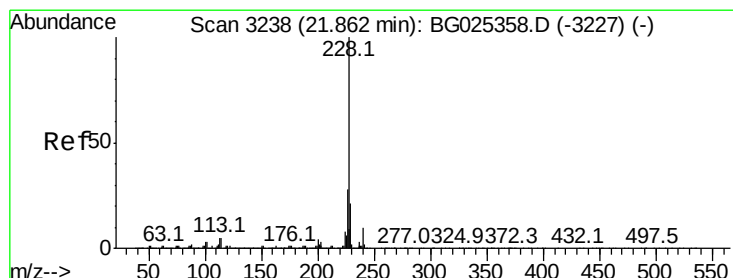
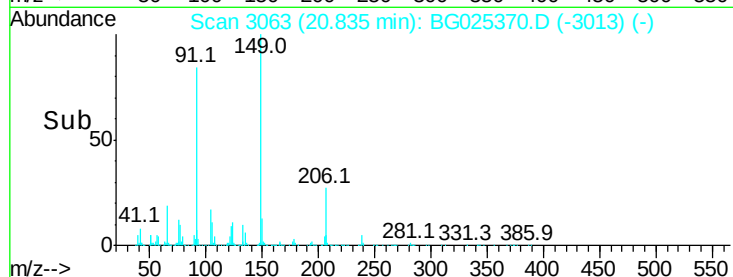
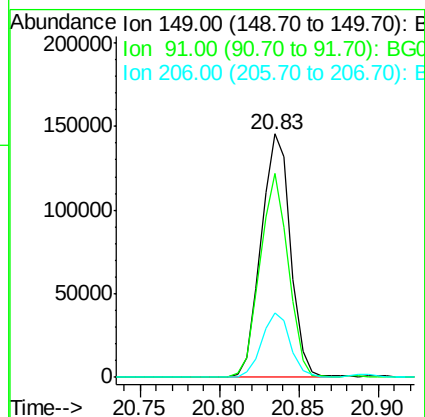
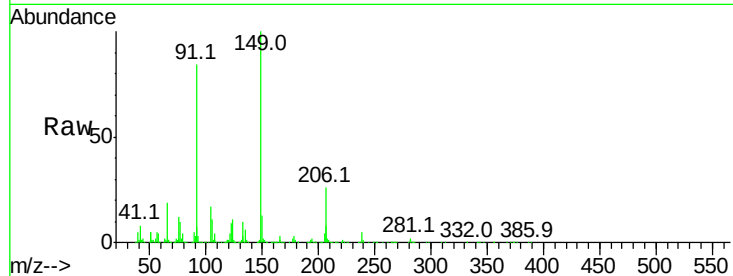
#79
Butylbenzylphthalate
Concen: 15.93 ng
RT: 20.83 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

Tot Ion	Ratio	Lower	Upper
149	100		
91	84.0	63.5	95.3
206	26.4	21.0	31.6

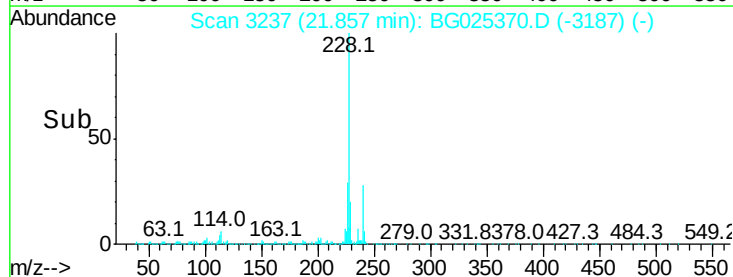
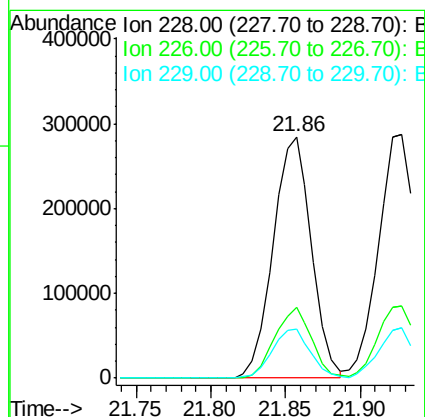
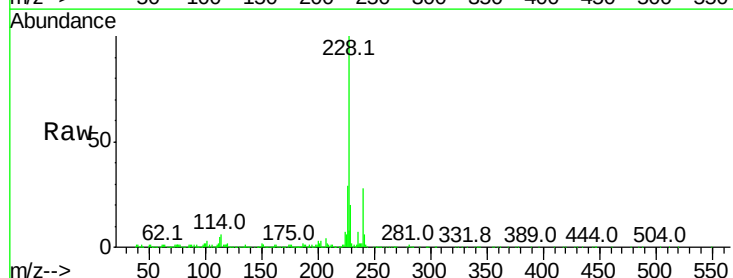
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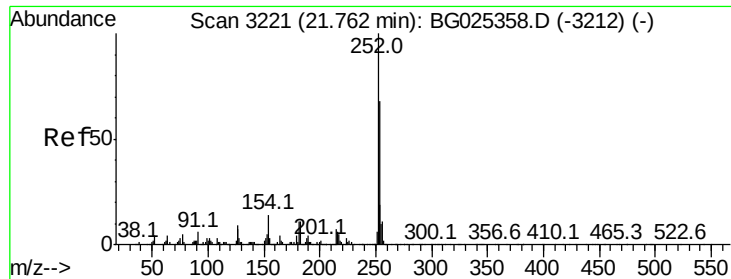
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#80
Benzo(a)anthracene
Concen: 16.03 ng
RT: 21.86 min Scan# 3237
Delta R.T. -0.01 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.9	37.3
229	20.1	18.2	27.2





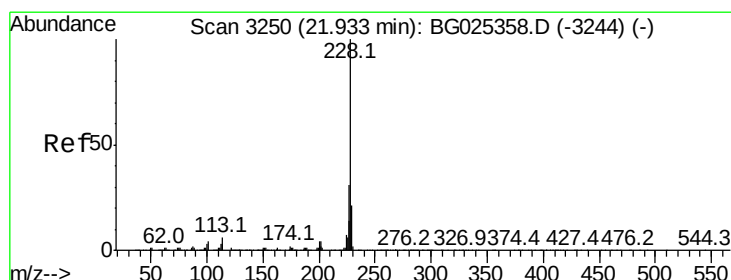
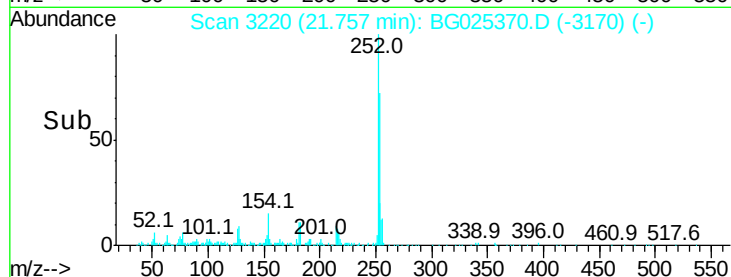
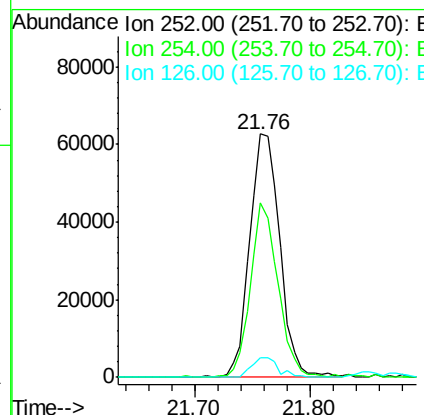
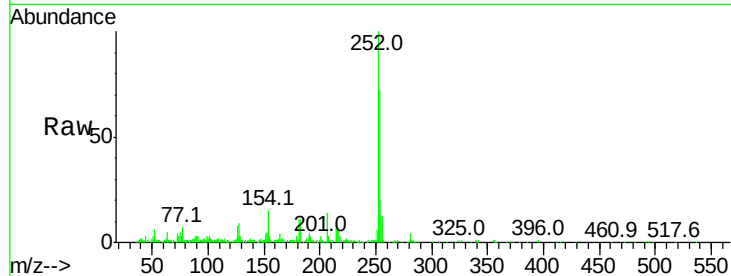
#81
 3,3'-Dichlorobenzidine
 Concen: 9.35 ng
 RT: 21.76 min Scan# 3220
 Delta R.T. -0.01 min
 Lab File: BG025370.D
 Acq: 21 Dec 2016 23:21

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2017

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	71.6	53.1	79.7	
126	8.0	7.0	10.4	

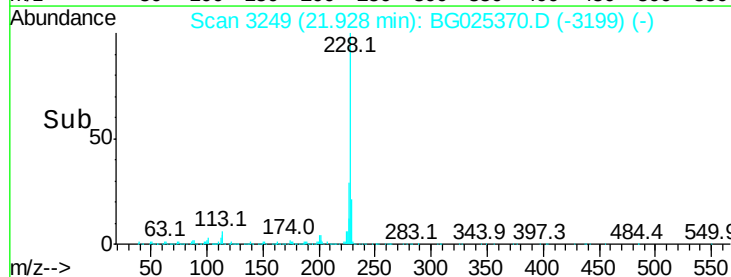
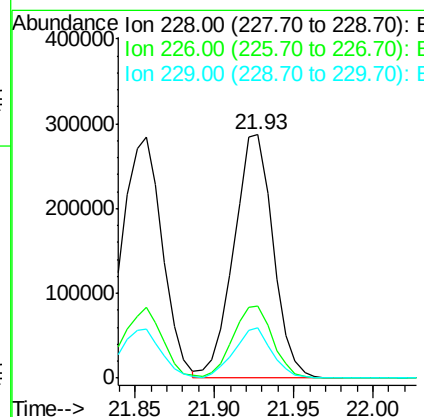
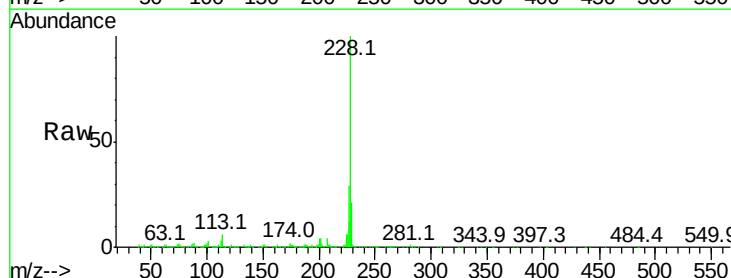
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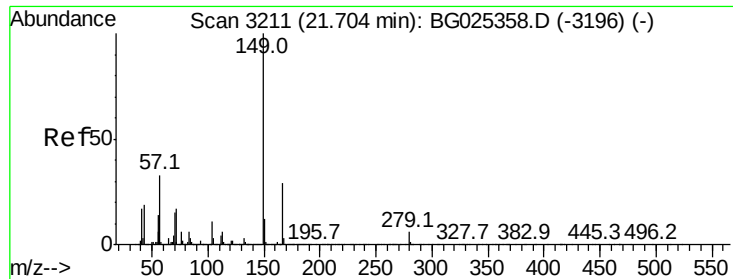
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#82
 Chrysene
 Concen: 16.34 ng
 RT: 21.93 min Scan# 3249
 Delta R.T. -0.01 min
 Lab File: BG025370.D
 Acq: 21 Dec 2016 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.4	27.0	40.4	
229	20.8	17.8	26.6	





#83

Bis(2-ethylhexyl)phthalate

Concen: 16.07 ng

RT: 21.70 min Scan# 3210

Delta R.T. -0.01 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Instrument :

BNA_G

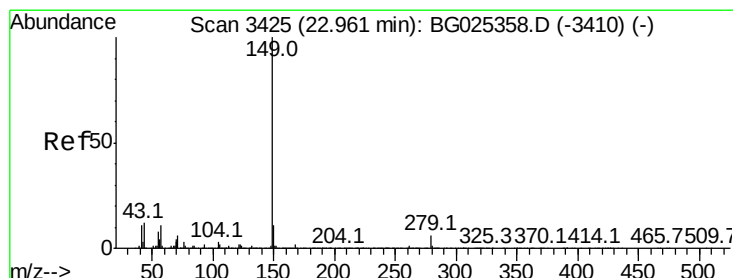
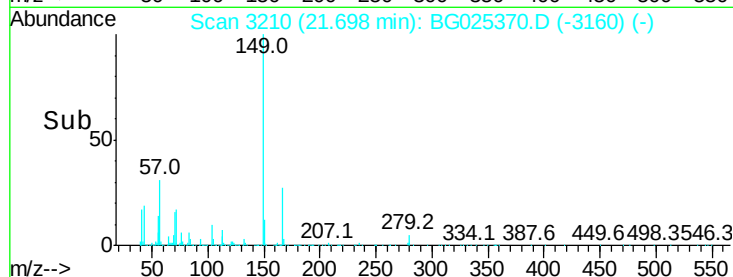
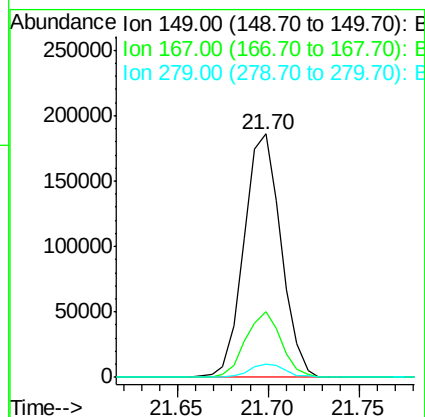
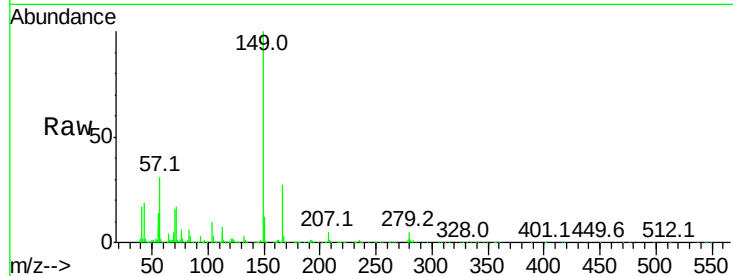
ClientSampleId :

LOQ-SOIL-02-QT1-2017

Tot Ion:	149	Resp:	265155
Ion Ratio	Lower	Upper	
149	100		
167	27.1	23.7	35.5
279	5.5	4.6	6.8

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#84

Di-n-octyl phthalate

Concen: 16.12 ng

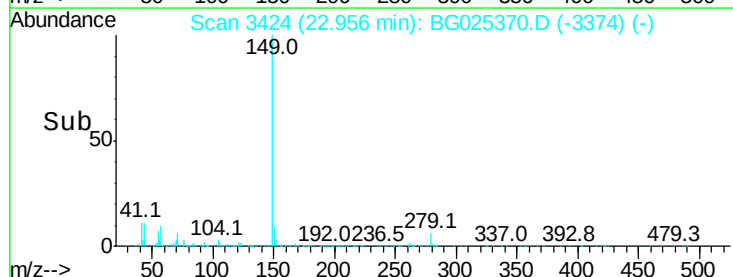
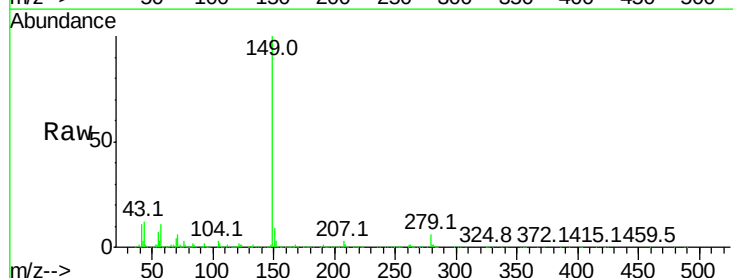
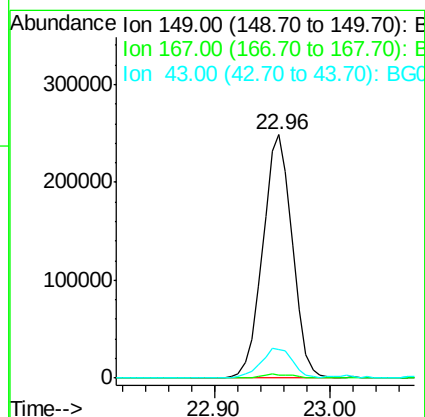
RT: 22.96 min Scan# 3424

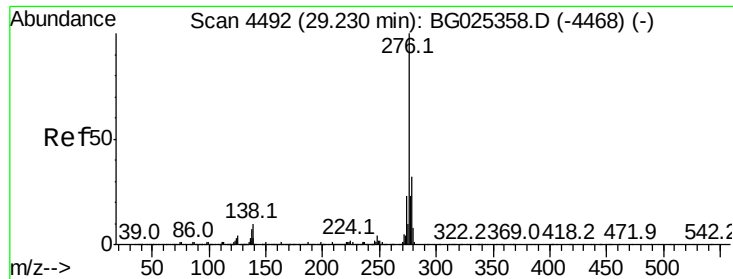
Delta R.T. -0.01 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Tgt Ion:	149	Resp:	441361
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.2
43	12.8	11.8	17.6





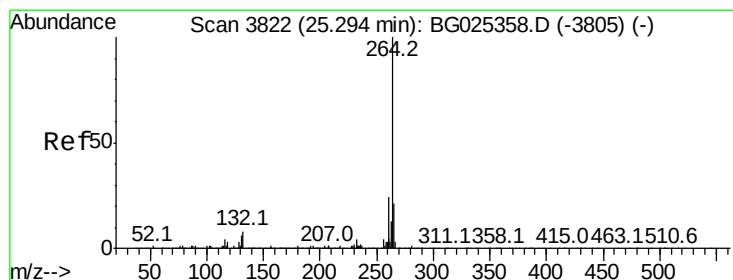
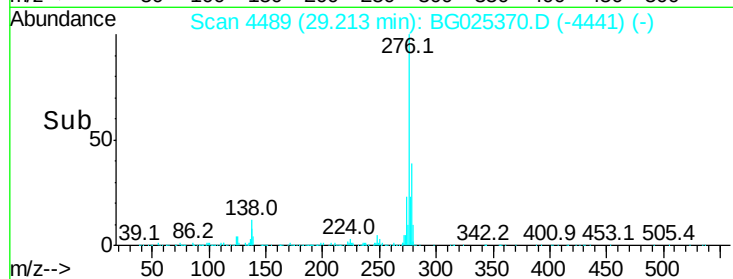
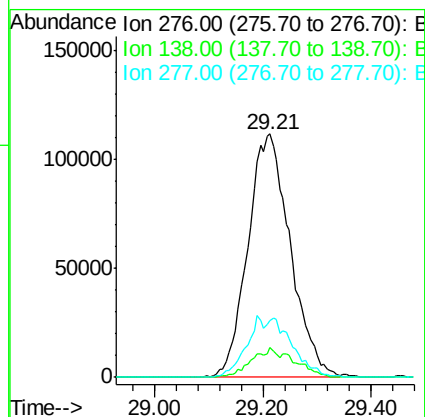
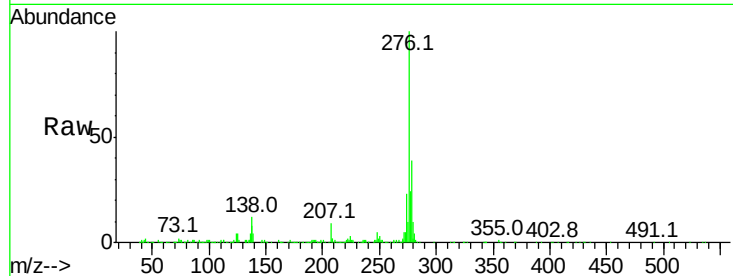
#85
Indeno(1,2,3-cd)pyrene
Concen: 15.79 ng
RT: 29.21 min Scan# 4489
Delta R.T. -0.02 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.6	4.7	7.1#
277	0.0	20.6	31.0#

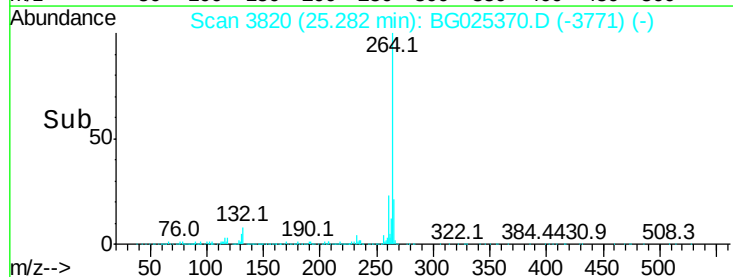
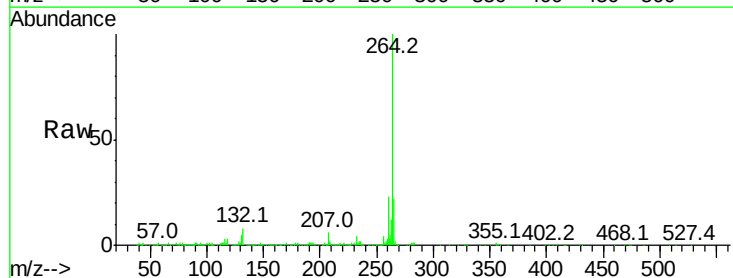
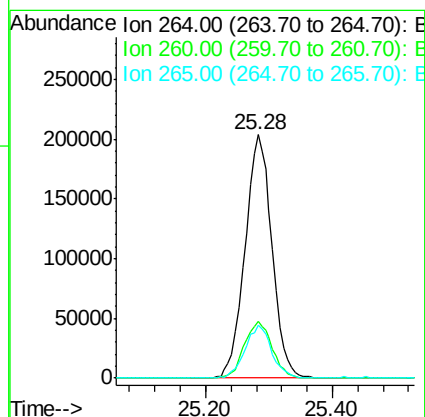
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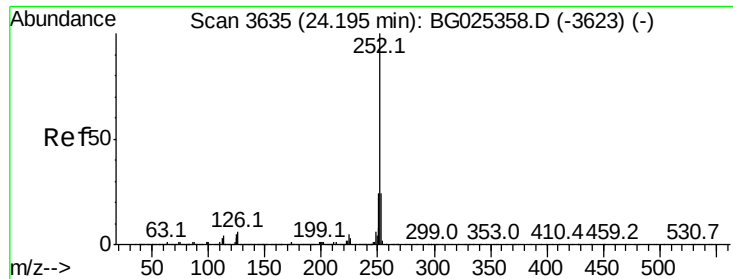
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.28 min Scan# 3820
Delta R.T. -0.01 min
Lab File: BG025370.D
Acq: 21 Dec 2016 23:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	21.8	32.8
265	21.6	18.2	27.4





#87

Benzo(b)fluoranthene

Concen: 16.04 ng

RT: 24.19 min Scan# 3634

Delta R.T. -0.01 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Instrument :

BNA_G

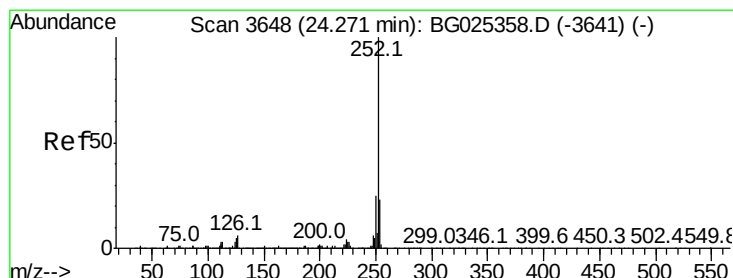
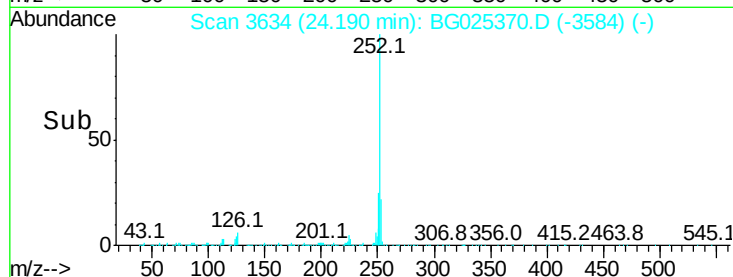
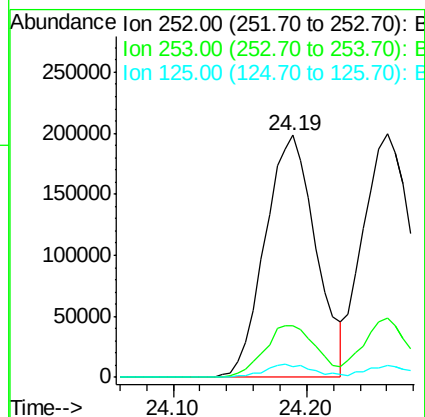
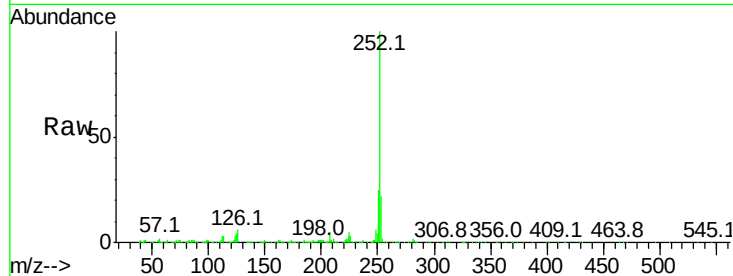
ClientSampleId :

LOQ-SOIL-02-QT1-2017

Tot Ion:	252	Resp:	524029
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.7	28.1
125	4.2	5.3	7.9#

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#88

Benzo(k)fluoranthene

Concen: 15.67 ng

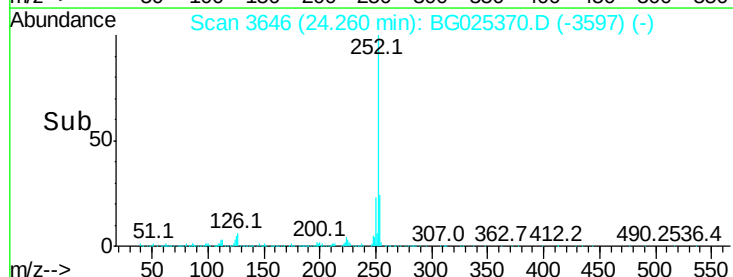
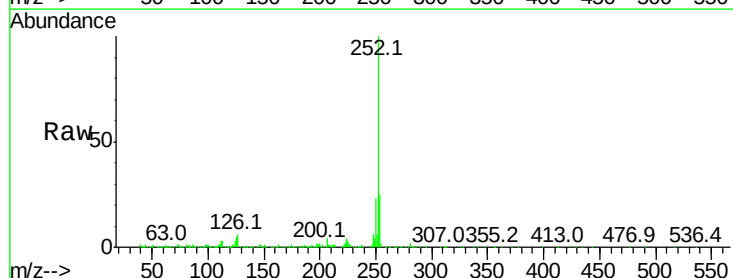
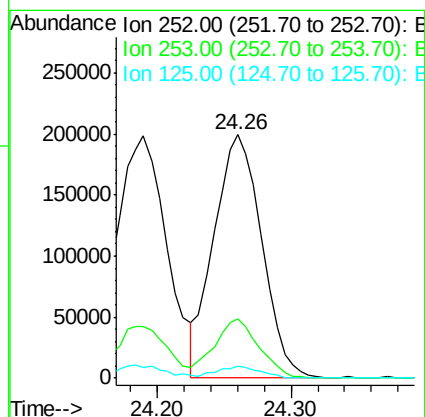
RT: 24.26 min Scan# 3646

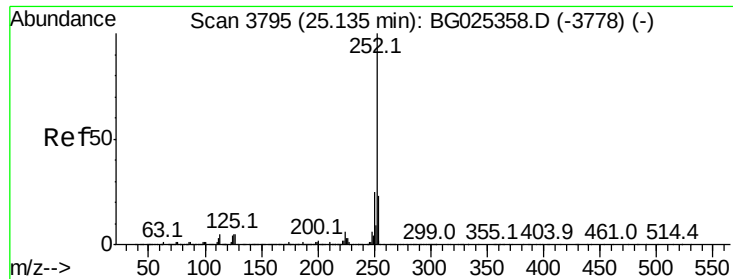
Delta R.T. -0.01 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Tgt Ion:	252	Resp:	494450
Ion Ratio	Lower	Upper	
252	100		
253	24.6	20.2	30.2
125	5.1	5.1	7.7#





#89

Benzo(a)pyrene

Concen: 16.00 ng

RT: 25.12 min Scan# 3793

Delta R.T. -0.01 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Instrument :

BNA_G

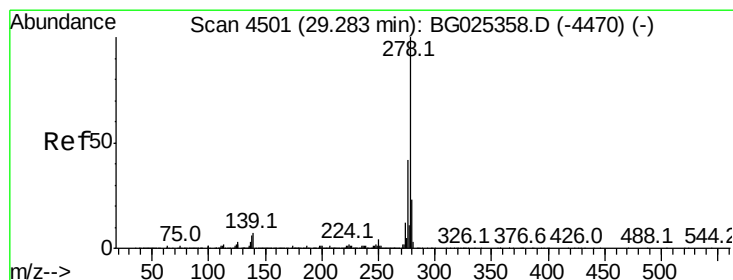
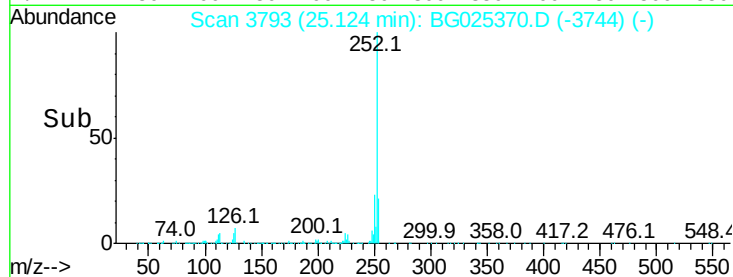
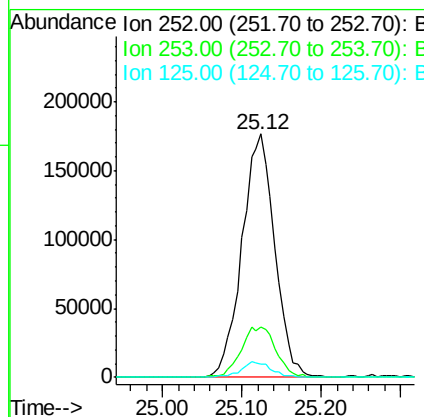
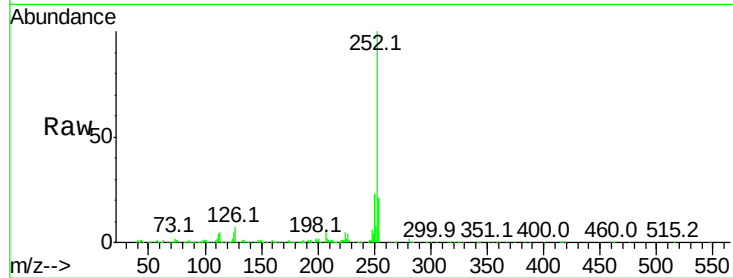
ClientSampleId :

LOQ-SOIL-02-QT1-2017

Tot Ion:	252	Resp:	504846
Ion Ratio	Lower	Upper	
252	100		
253	20.9	19.2	28.8
125	5.3	5.4	8.0#

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#90

Dibenzo(a,h)anthracene

Concen: 15.52 ng

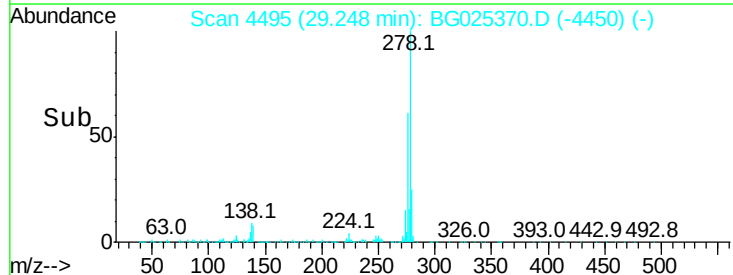
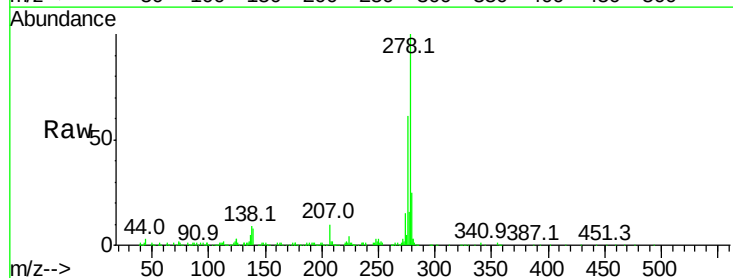
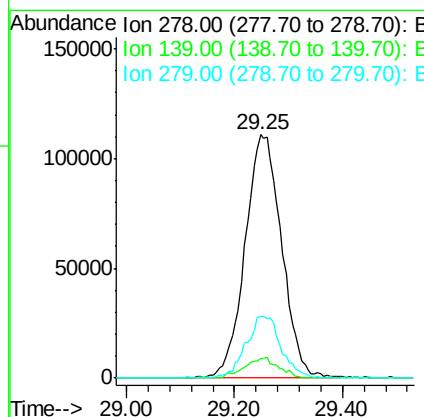
RT: 29.25 min Scan# 4495

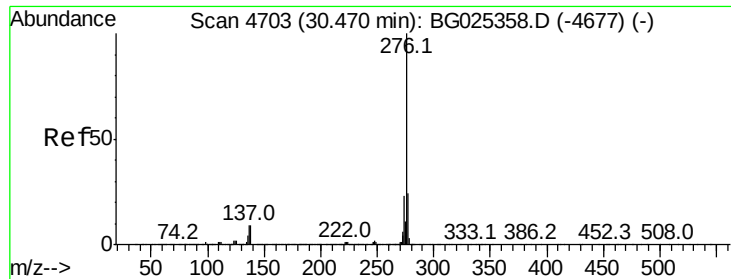
Delta R.T. -0.03 min

Lab File: BG025370.D

Acq: 21 Dec 2016 23:21

Tgt Ion:	278	Resp:	519052
Ion Ratio	Lower	Upper	
278	100		
139	8.2	7.7	11.5
279	25.4	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 15.54 ng
 RT: 30.44 min Scan# 4698
 Delta R.T. -0.03 min
 Lab File: BG025370.D
 Acq: 21 Dec 2016 23:21

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2017

Tot Ion:	276	Resp:	516404
Ion Ratio	Lower	Upper	
276	100		
277	21.1	18.6	27.8
138	8.2	8.1	12.1

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