

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
 Data File : BG019172.D
 Acq On : 13 Oct 2015 00:16
 Operator : UM/NP
 Sample : G3707-04
 Misc : LOO 20PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

Manual Integrations
 APPROVED

MMdadoda
 10/13/2015 1:26:48 PM

Quant Time: Oct 13 04:29:49 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 03:45:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	17469	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	79606	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	58184	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	150970	20.00	ng	0.00
75) Chrysene-d12	21.68	240	177509	20.00	ng	0.00
86) Perylene-d12	24.91	264	172601	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	102003	118.89	ng	0.00
7) Phenol-d6	7.20	99	159248	120.82	ng	0.00
23) Nitrobenzene-d5	9.19	82	110508	76.70	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	92557	116.74	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	272543	72.02	ng	0.00
78) Terphenyl-d14	20.02	244	490824	73.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	4137	11.47	ng	# 86
3) Pyridine	3.91	79	11290	10.23	ng	91
4) n-Nitrosodimethylamine	3.81	42	8562	13.69	ng	88
6) Aniline	7.36	93	16799	9.41	ng	# 94
8) 2-Chlorophenol	7.60	128	16211	15.06	ng	100
9) Benzaldehyde	7.17	77	13959	16.81	ng	98
10) Phenol	7.23	94	21845	15.92	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	14435	13.92	ng	98
12) 1,3-Dichlorobenzene	7.92	146	15968	13.59	ng	99
13) 1,4-Dichlorobenzene	8.07	146	16981	14.12	ng	99
14) 1,2-Dichlorobenzene	8.39	146	16515	14.19	ng	96
15) Benzyl Alcohol	8.27	79	17337	14.72	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.57	45	33420	15.05	ng	98
17) 2-Methylphenol	8.47	107	15236	15.54	ng	99
18) Hexachloroethane	9.12	117	6027	13.15	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	13712	13.11	ng	# 91
20) 3+4-Methylphenols	8.80	107	21058	14.92	ng	95
22) Acetophenone	8.85	105	25925	13.93	ng	# 96
24) Nitrobenzene	9.23	77	22300	14.59	ng	95
25) Isophorone	9.75	82	38011	12.97	ng	98
26) 2-Nitrophenol	9.95	139	8870	13.61	ng	91
27) 2,4-Dimethylphenol	10.01	122	15348	13.48	ng	87
28) bis(2-Chloroethoxy)methane	10.24	93	21486	13.74	ng	96
29) 2,4-Dichlorophenol	10.48	162	18553	15.54	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	18387	14.35	ng	93
31) Naphthalene	10.89	128	54610	14.25	ng	99
32) Benzoic acid	10.10	122	6198	15.13	ng	89
33) 4-Chloroaniline	10.99	127	16376	9.20	ng	97
34) Hexachlorobutadiene	11.17	225	13290	15.12	ng	97
35) Caprolactam	11.75	113	5872	13.35	ng	93
36) 4-Chloro-3-methylphenol	12.12	107	23958	15.79	ng	98
37) 2-Methylnaphthalene	12.49	142	44529	14.96	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	24043	14.38	ng	95
40) Hexachlorocyclopentadiene	12.84	237	11813	13.58	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	16556	14.22	ng	97
43) 2,4,5-Trichlorophenol	13.17	196	18592	15.03	ng	90
45) 1,1'-Biphenyl	13.50	154	57732	13.66	ng	96
46) 2-Chloronaphthalene	13.54	162	46514	14.31	ng	99
47) 2-Nitroaniline	13.74	65	18891	14.47	ng	94
48) Acenaphthylene	14.38	152	80255	14.00	ng	98
49) Dimethylphthalate	14.11	163	63495	13.82	ng	99
50) 2,6-Dinitrotoluene	14.23	165	13909	14.17	ng	99
51) Acenaphthene	14.72	154	48078	13.94	ng	98
52) 3-Nitroaniline	14.56	138	12061	11.13	ng	# 92
53) 2,4-Dinitrophenol	14.77	184	3173	9.48	ng	88
54) Dibenzofuran	15.06	168	77198	15.15	ng	96
55) 4-Nitrophenol	14.87	139	10551	12.87	ng	# 89
56) 2,4-Dinitrotoluene	15.02	165	20430	14.31	ng	# 95
57) Fluorene	15.70	166	65722	14.87	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	17981m	15.35	ng	
59) Diethylphthalate	15.48	149	68621	14.38	ng	99
60) 4-Chlorophenyl-phenylether	15.70	204	33395	14.83	ng	96
61) 4-Nitroaniline	15.72	138	15950	13.55	ng	95
62) Azobenzene	15.99	77	67468	15.24	ng	96
64) 4,6-Dinitro-2-methylphenol	15.78	198	8382	10.17	ng	91
65) n-Nitrosodiphenylamine	15.91	169	58568	14.04	ng	97
66) 4-Bromophenyl-phenylether	16.59	248	22887	14.92	ng	94
67) Hexachlorobenzene	16.72	284	26413	14.66	ng	91
68) Atrazine	16.86	200	24922	14.50	ng	93
69) Pentachlorophenol	17.06	266	11008	11.72	ng	93
70) Phenanthrene	17.45	178	111746	14.38	ng	98
71) Anthracene	17.54	178	114572	14.74	ng	100
72) Carbazole	17.81	167	101263	13.92	ng	95
73) Di-n-butylphthalate	18.37	149	126095	14.15	ng	99
74) Fluoranthene	19.46	202	139120	13.92	ng	99
76) Benzidine	19.64	184	20875	4.58	ng	97
77) Pyrene	19.82	202	142140	14.30	ng	99
79) Butylbenzylphthalate	20.70	149	52101	12.86	ng	97
80) Benzo(a)anthracene	21.66	228	133949	14.08	ng	97
81) 3,3'-Dichlorobenzidine	21.57	252	37277	10.59	ng	97
82) Chrysene	21.72	228	122979	13.62	ng	97
83) Bis(2-ethylhexyl)phthalate	21.57	149	75113	13.35	ng	97
84) Di-n-octyl phthalate	22.78	149	129451	13.32	ng	99
85) Indeno(1,2,3-cd)pyrene	28.58	276	146019	13.29	ng	# 95
87) Benzo(b)fluoranthene	23.88	252	136254	14.68	ng	98
88) Benzo(k)fluoranthene	23.94	252	131161	14.32	ng	99
89) Benzo(a)pyrene	24.75	252	129953	14.82	ng	97
90) Dibenzo(a,h)anthracene	28.64	278	131549	13.97	ng	98
91) Benzo(g,h,i)perylene	29.72	276	119683	13.67	ng	96

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

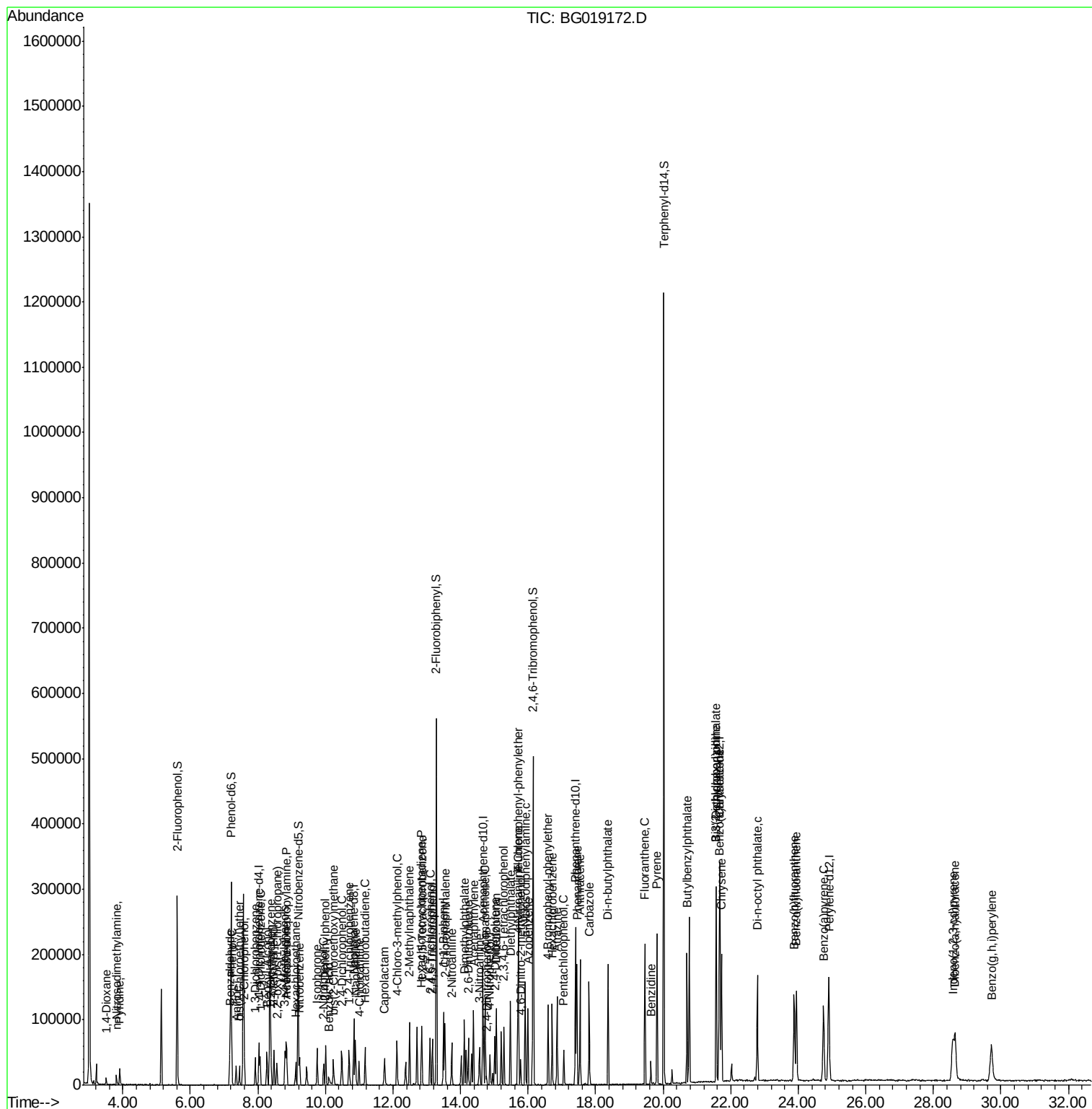
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Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\  
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Operator  : UM/NP  
Sample    : G3707-04  
Misc      : L00 20PPM  
ALS Vial  : 8   Sample Multiplier: 1
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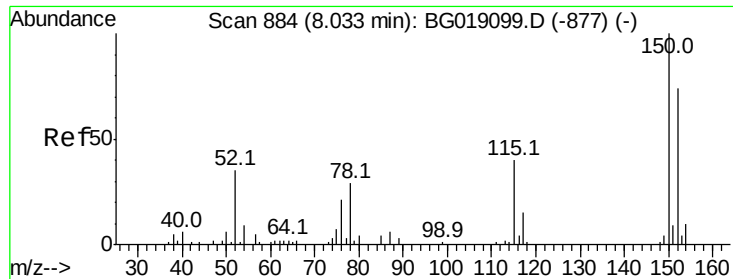
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

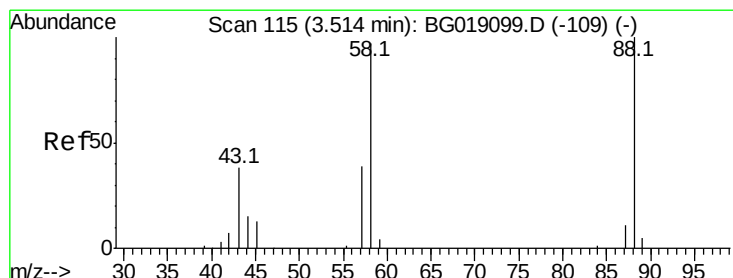
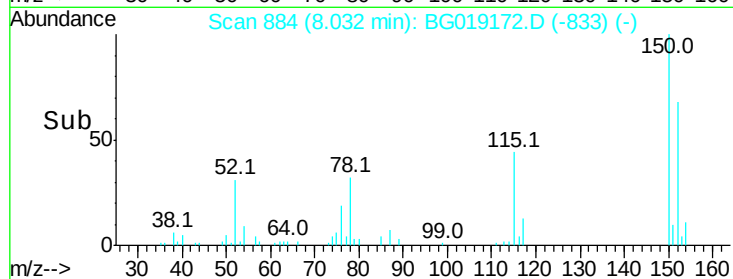
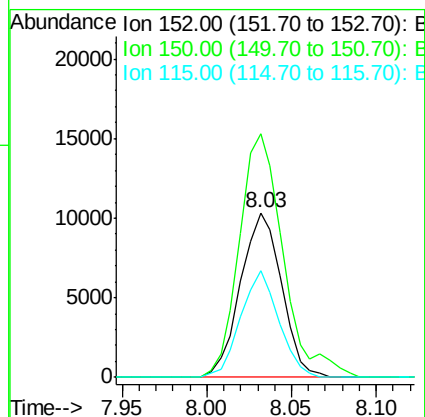
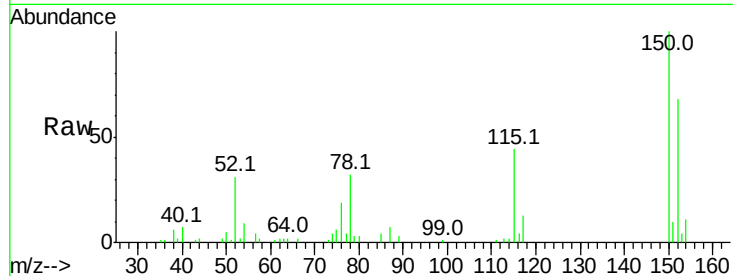
ClientSampleId :

LOQ-SOIL2015-02

Tot Ion:	152	Resp:	17469
Ion Ratio	Lower	Upper	
152	100		
150	148.1	108.2	162.2
115	65.1	43.2	64.8#

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#2

1,4-Dioxane

Concen: 11.47 ng

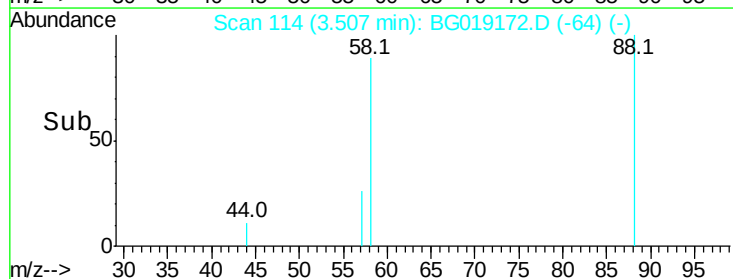
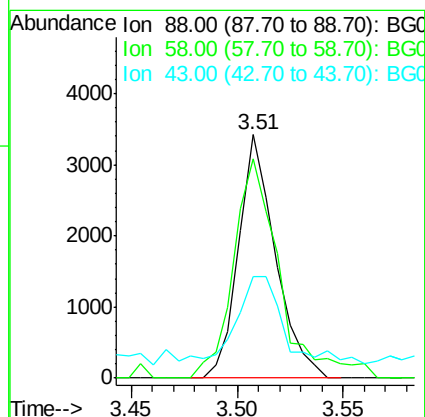
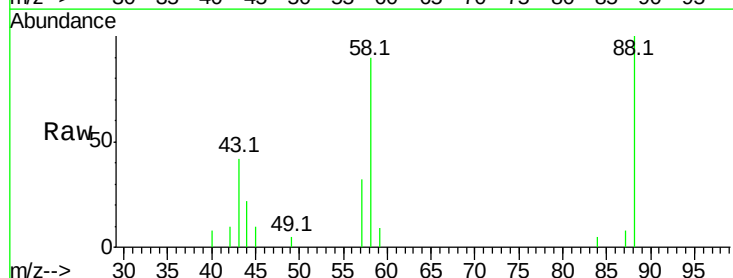
RT: 3.51 min Scan# 114

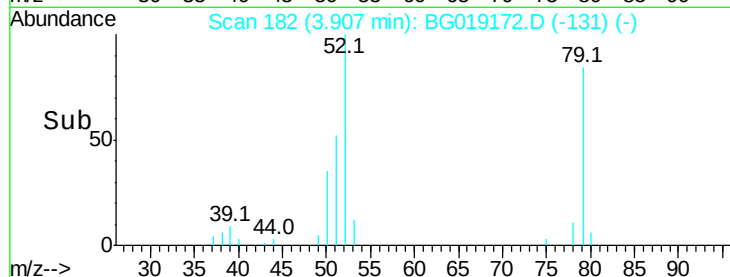
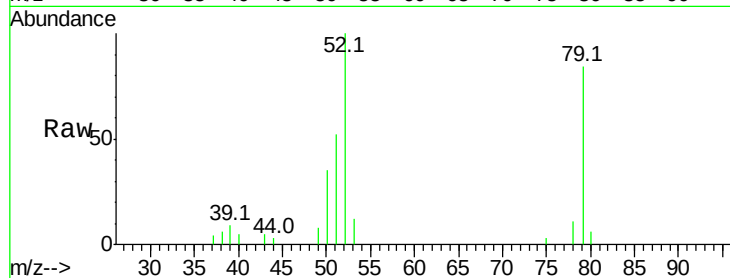
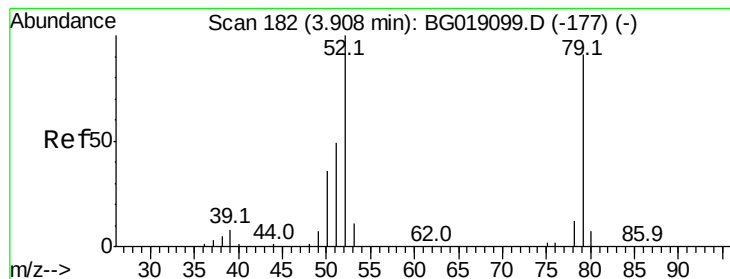
Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Tgt Ion:	88	Resp:	4137
Ion Ratio	Lower	Upper	
88	100		
58	112.6	81.1	121.7
43	52.4	31.0	46.6#





#3

Pvridine

Concen: 10.23 ng

RT: 3.91 min Scan# 182

Delta R.T. -0.00 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Tot Ion:	79	Resp:	11290
Ion	Ratio	Lower	Upper
79	100		
52	119.5	88.3	132.5
51	62.4	44.6	66.8

Instrument :

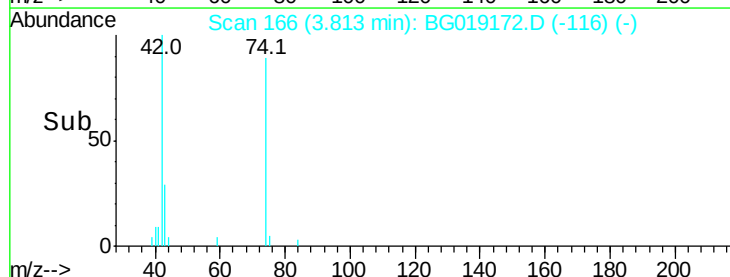
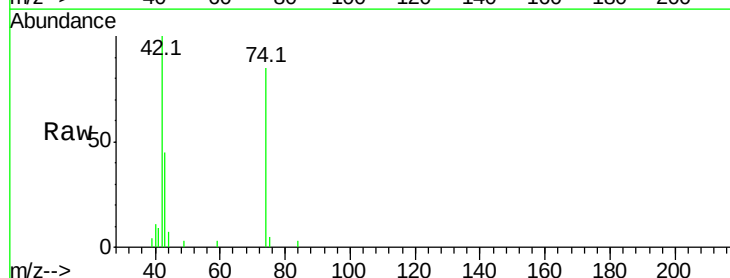
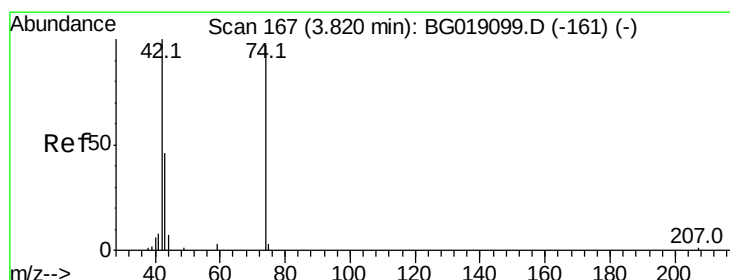
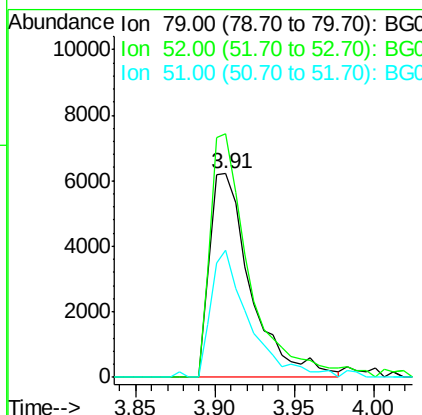
BNA_G

ClientSampleId :

LOQ-SOIL2015-02

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#4

n-Nitrosodimethylamine

Concen: 13.69 ng

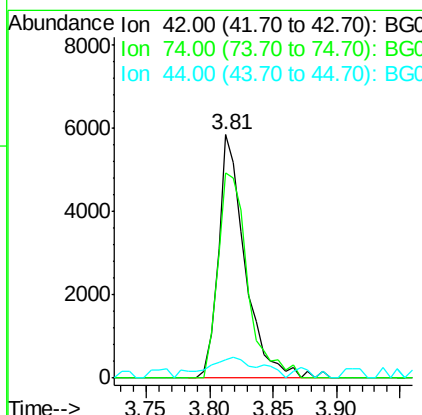
RT: 3.81 min Scan# 166

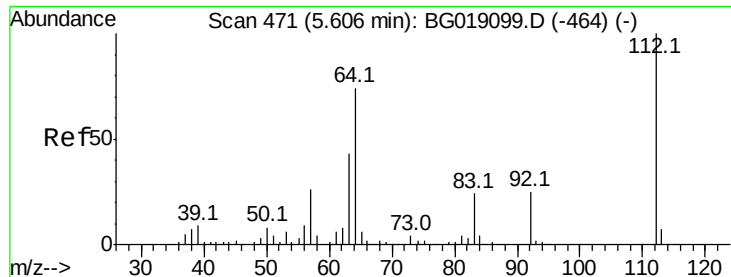
Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Tgt Ion:	42	Resp:	8562
Ion	Ratio	Lower	Upper
42	100		
74	84.5	77.3	115.9
44	7.4	7.2	10.8





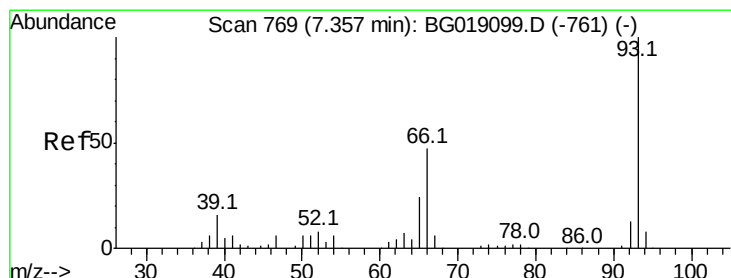
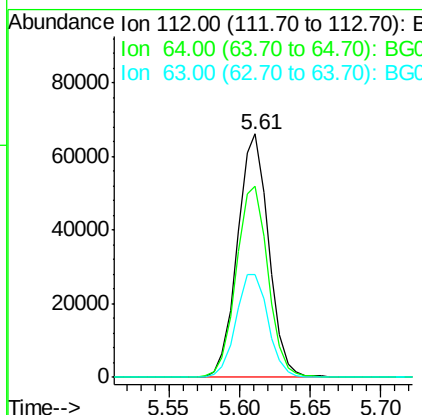
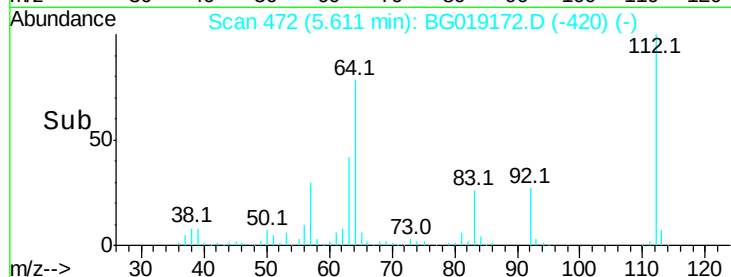
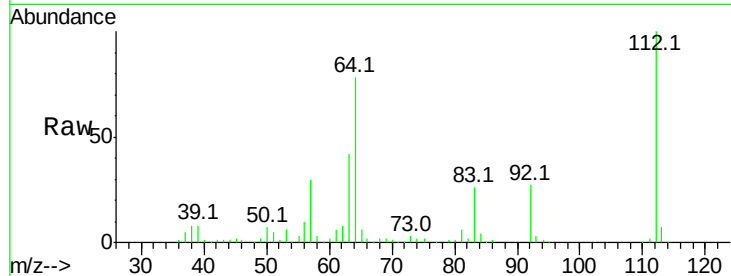
#5
 2-Fluorophenol
 Concen: 118.89 ng
 RT: 5.61 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

Tot Ion:	112	Resp:	102003
Ion Ratio	Lower	Upper	
112	100		
64	78.3	59.0	88.4
63	42.4	34.7	52.1

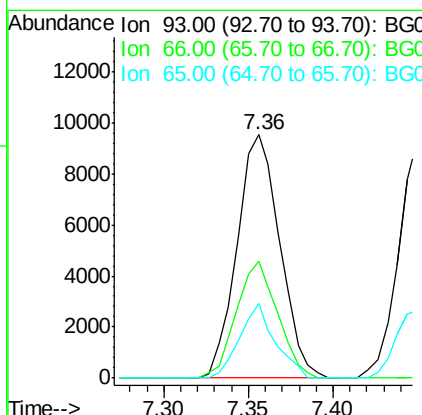
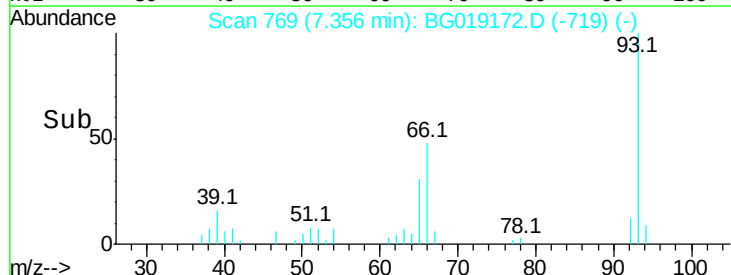
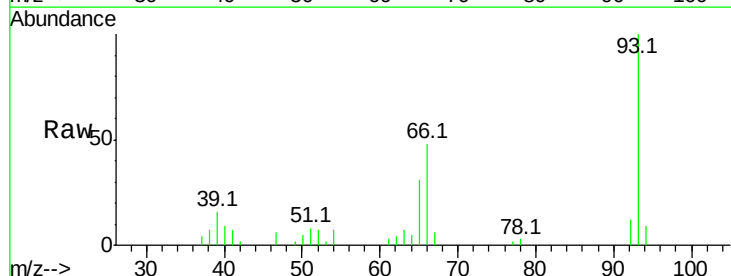
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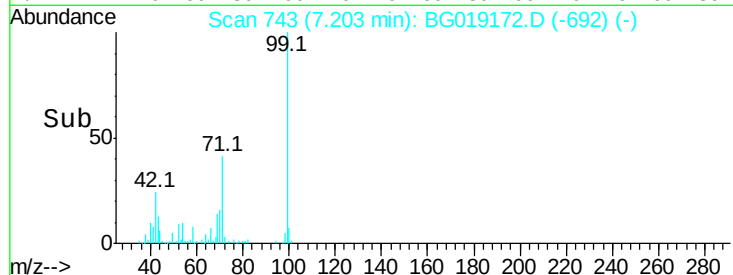
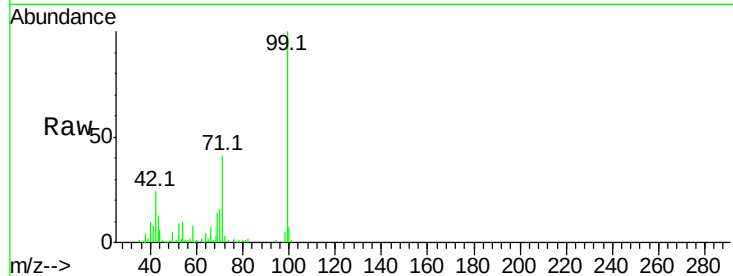
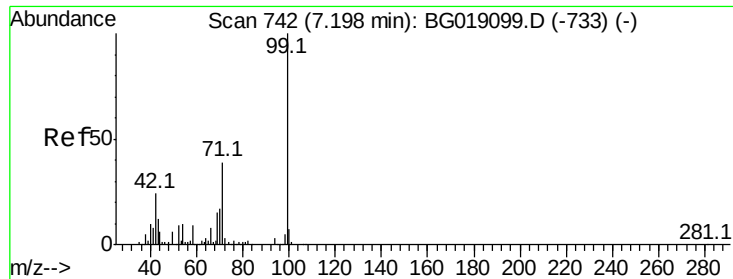
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#6
 Aniline
 Concen: 9.41 ng
 RT: 7.36 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Tgt Ion:	93	Resp:	16799
Ion Ratio	Lower	Upper	
93	100		
66	48.2	37.4	56.2
65	30.5	19.6	29.4#





#7

Phenol-d6

Concen: 120.82 ng

RT: 7.20 min Scan# 743

Delta R.T. -0.00 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Tot Ion:	99	Resp:	159248
Ion Ratio	Lower	Upper	
99	100		
42	24.2	19.5	29.3
71	41.4	31.4	47.0

Instrument :

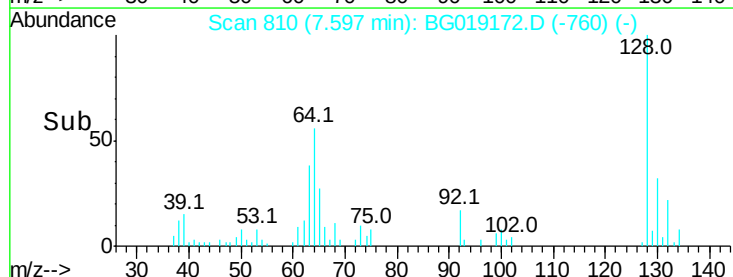
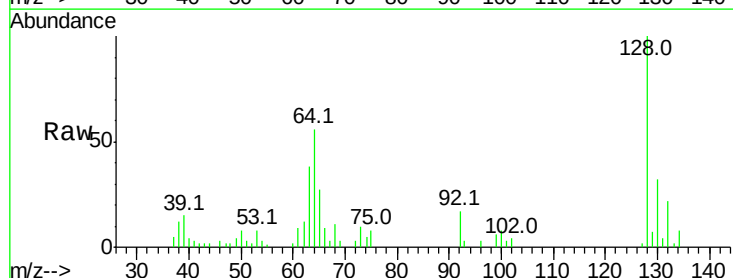
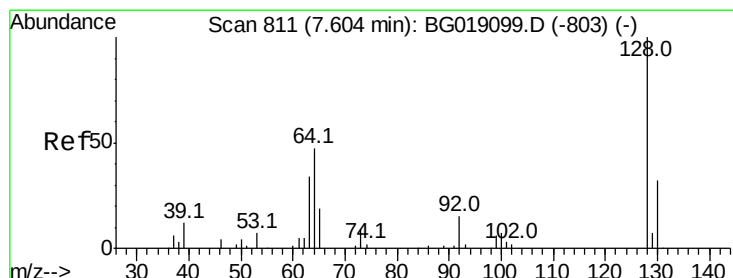
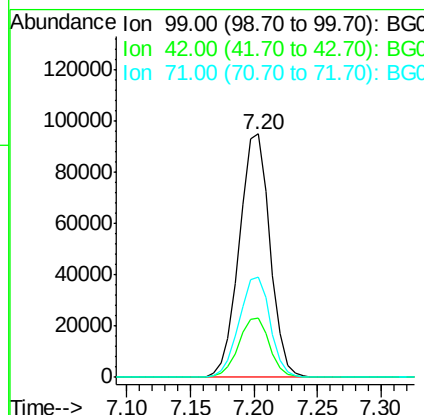
BNA_G

ClientSampleId :

LOQ-SOIL2015-02

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#8

2-Chlorophenol

Concen: 15.06 ng

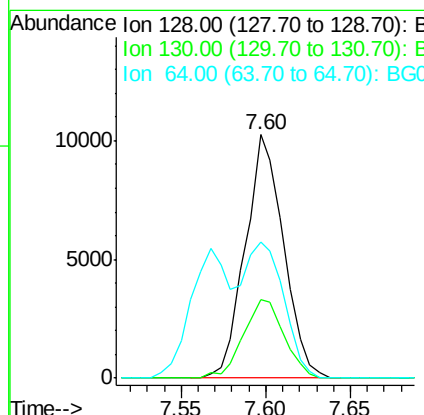
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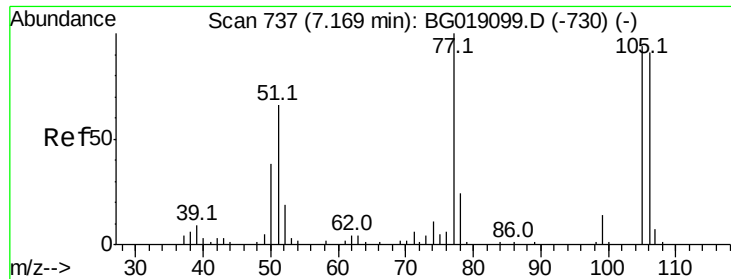
Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Tgt Ion:	128	Resp:	16211
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.3	52.3
64	55.9	35.8	75.8





#9

Benzaldehyde

Concen: 16.81 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

Tot Ion: 77 Resp: 13959

Ion Ratio Lower Upper

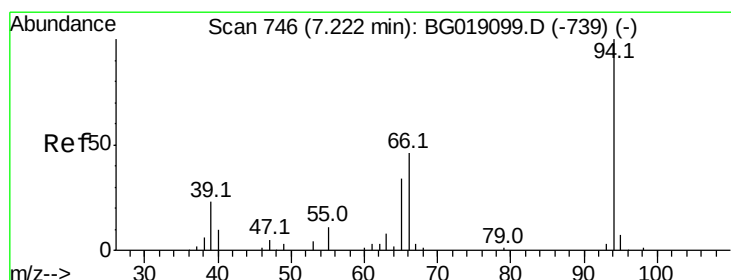
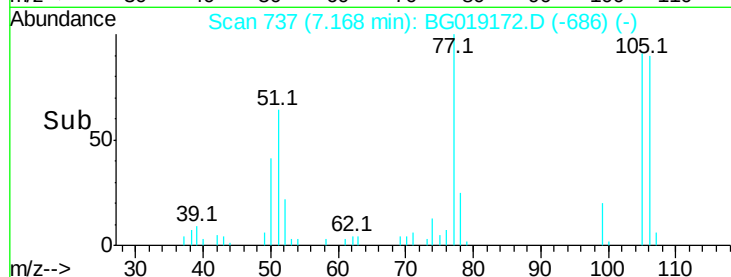
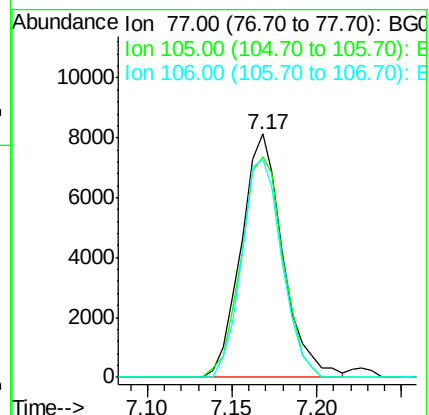
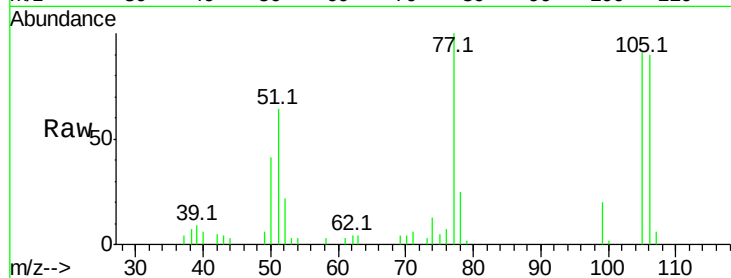
77 100

105 90.9 73.7 113.7

106 89.7 71.0 111.0

Manual Integrations
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#10

Phenol

Concen: 15.92 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

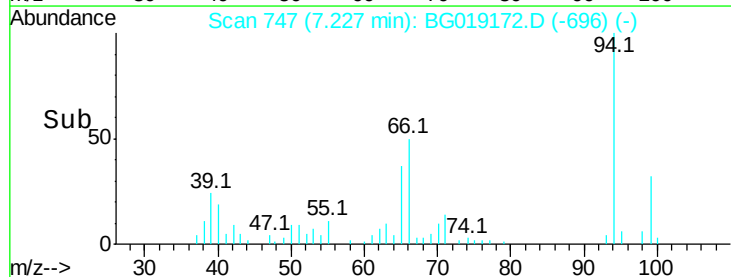
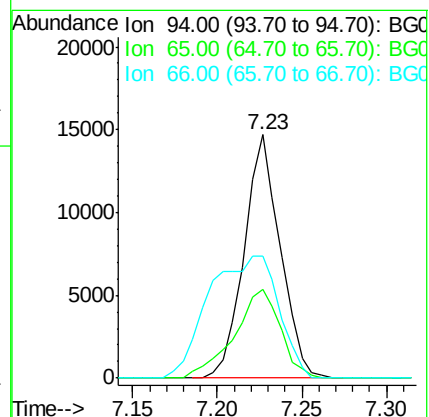
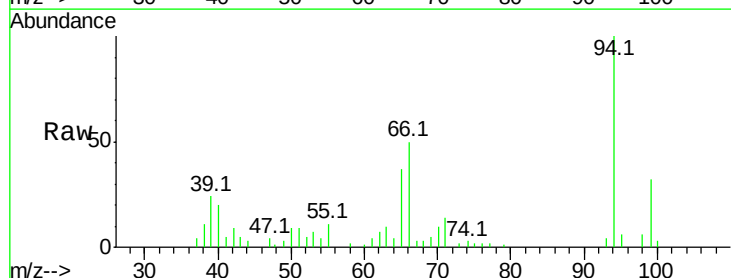
Tgt Ion: 94 Resp: 21845

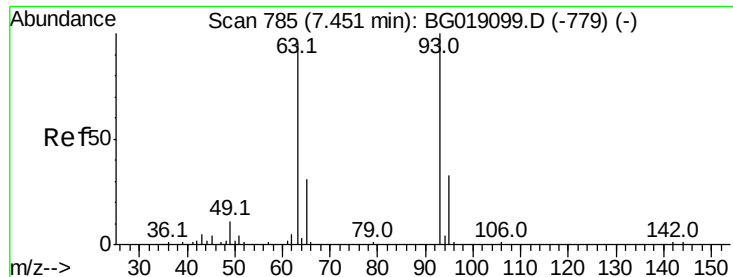
Ion Ratio Lower Upper

94 100

65 36.6 15.2 55.2

66 50.3 28.7 68.7





#11

bis(2-Chloroethyl)ether

Concen: 13.92 ng

RT: 7.45 min Scan# 785

Delta R.T. -0.00 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

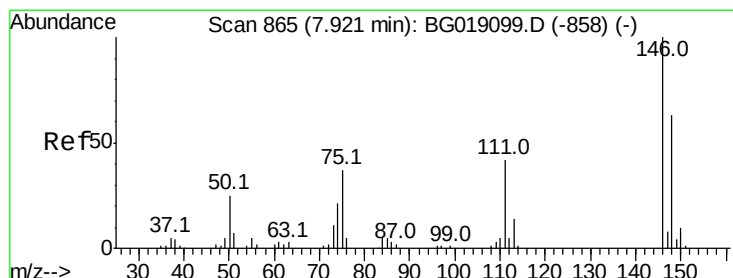
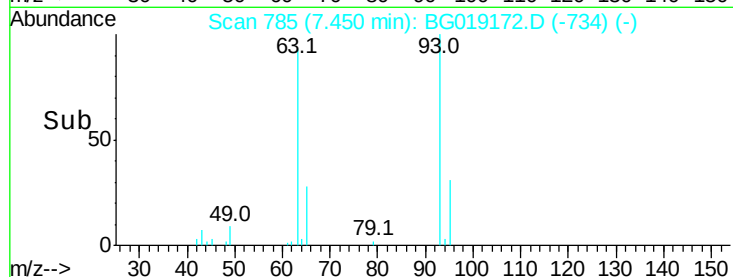
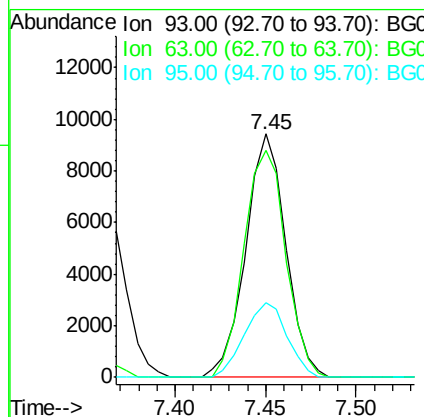
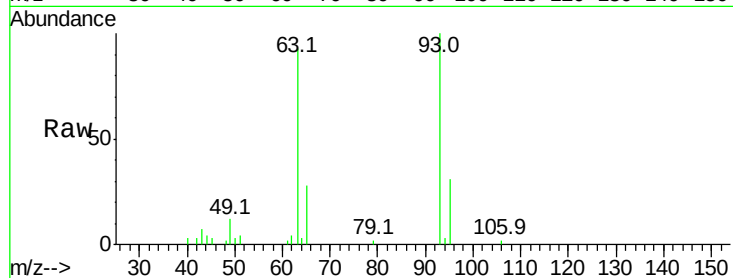
ClientSampleId :

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Tot Ion:	93	Resp:	14435
Ion	Ratio	Lower	Upper
93	100		
63	93.3	75.3	115.3
95	30.8	12.9	52.9

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#12

1,3-Dichlorobenzene

Concen: 13.59 ng

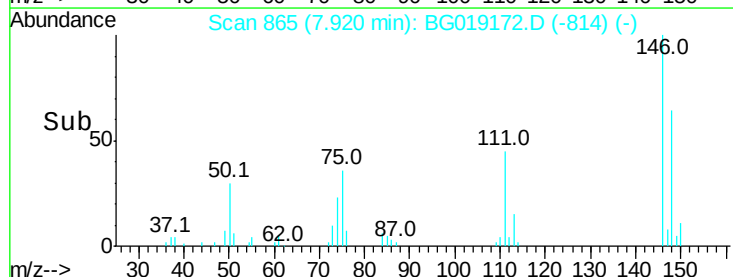
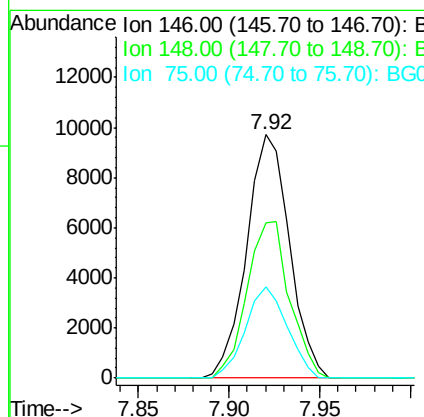
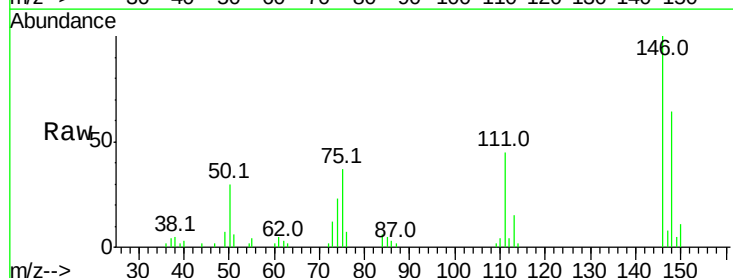
RT: 7.92 min Scan# 865

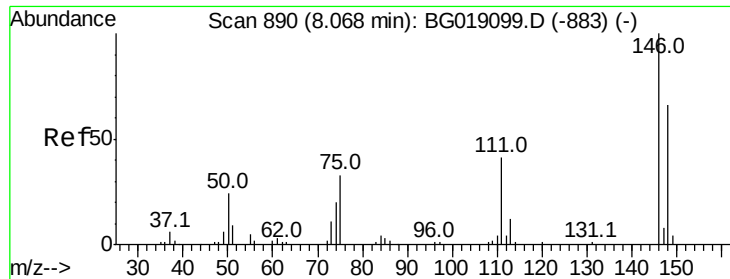
Delta R.T. -0.00 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Tgt Ion:	146	Resp:	15968
Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.2	75.4
75	37.3	29.3	43.9





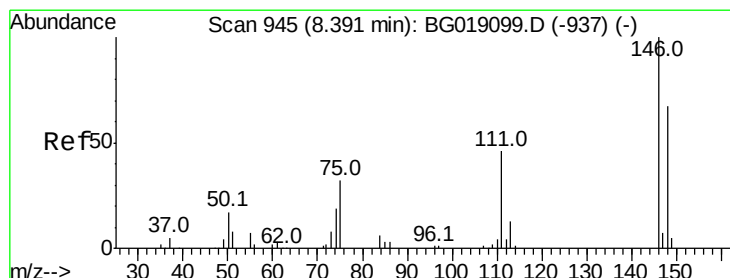
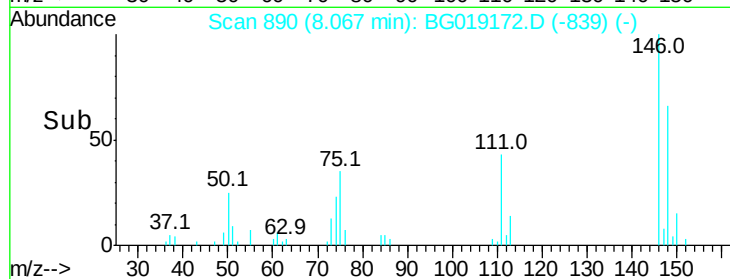
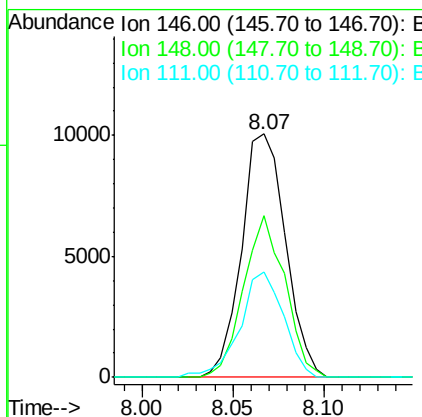
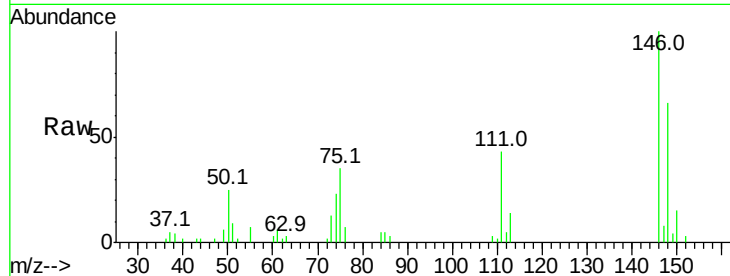
#13
 1,4-Dichlorobenzene
 Concen: 14.12 ng
 RT: 8.07 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Instrument :
 BNA_G
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
146	100		
148	66.4	52.9	79.3
111	43.5	33.1	49.7

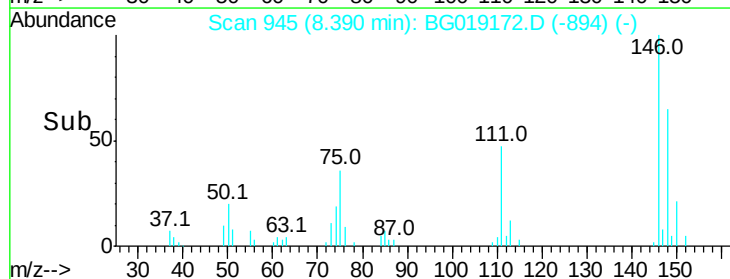
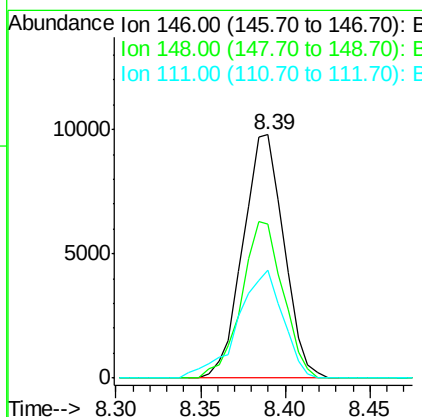
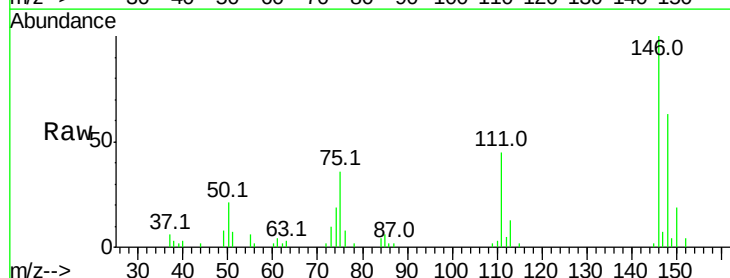
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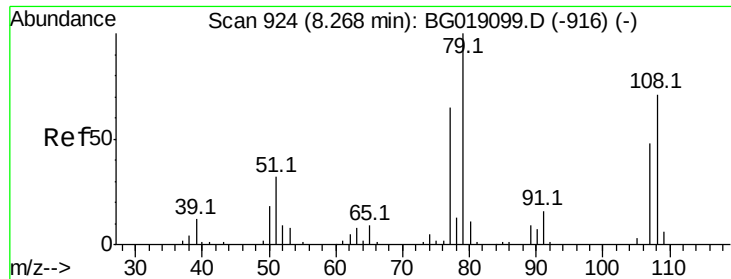
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#14
 1,2-Dichlorobenzene
 Concen: 14.19 ng
 RT: 8.39 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	53.6	80.4
111	44.6	37.3	55.9





#15

Benzyl Alcohol

Concen: 14.72 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

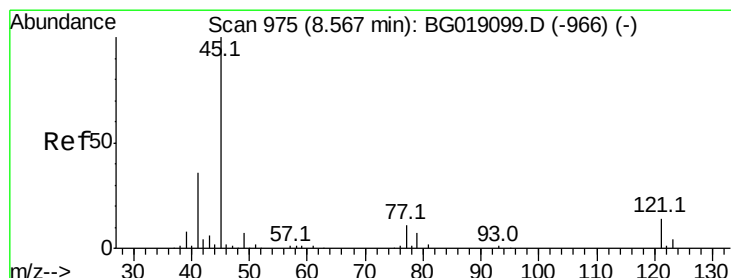
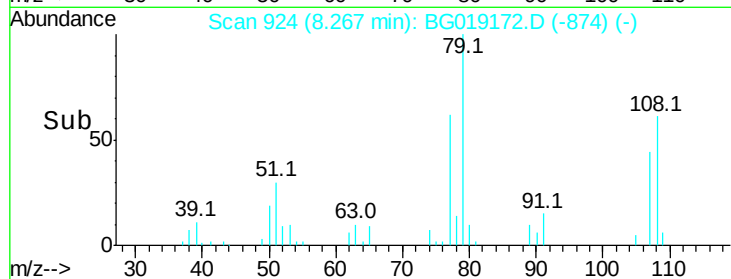
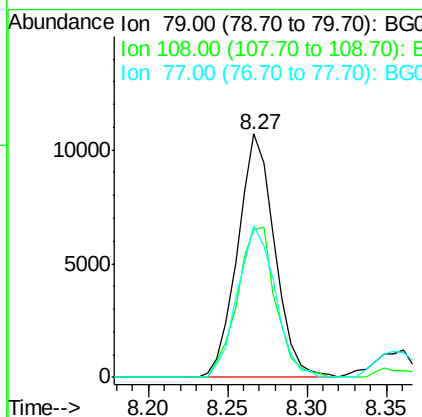
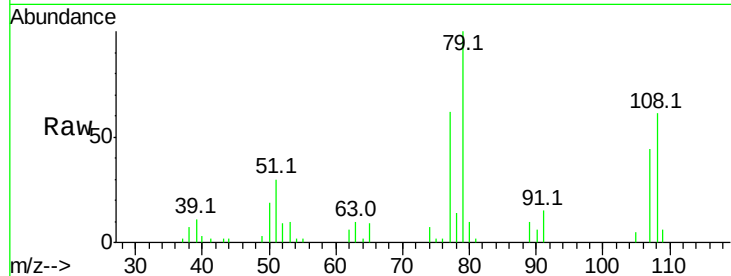
ClientSampleId :

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Tot Ion:	79	Resp:	17337
Ion Ratio	Lower	Upper	
79	100		
108	60.6	56.6	84.8
77	62.3	51.6	77.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 15.05 ng

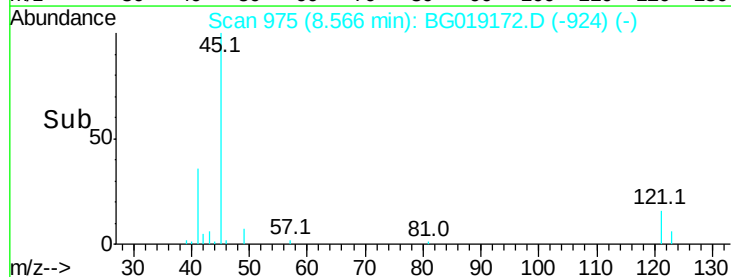
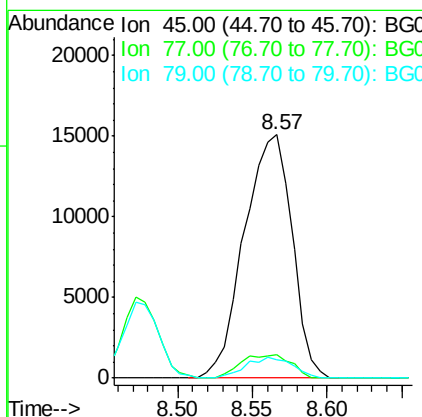
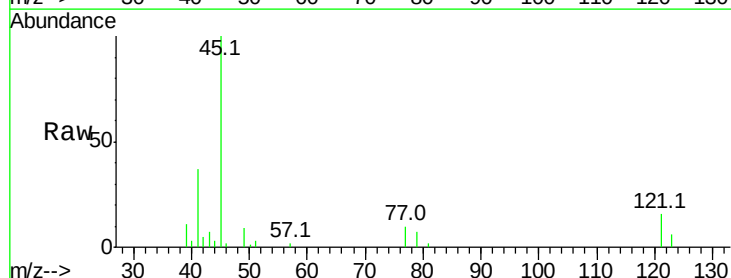
RT: 8.57 min Scan# 975

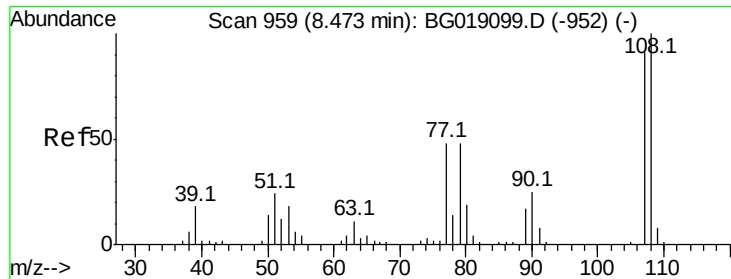
Delta R.T. -0.00 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Tgt Ion:	45	Resp:	33420
Ion Ratio	Lower	Upper	
45	100		
77	9.6	0.0	30.8
79	7.4	0.0	27.5





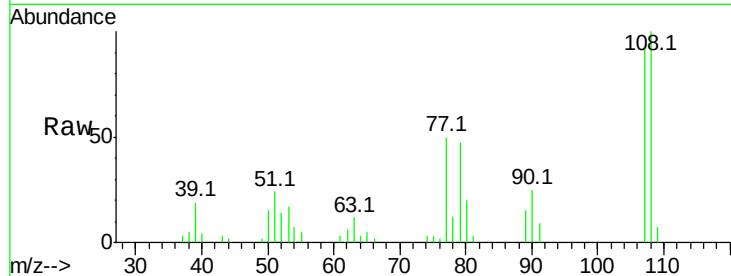
#17
2-Methylphenol
Concen: 15.54 ng
RT: 8.47 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

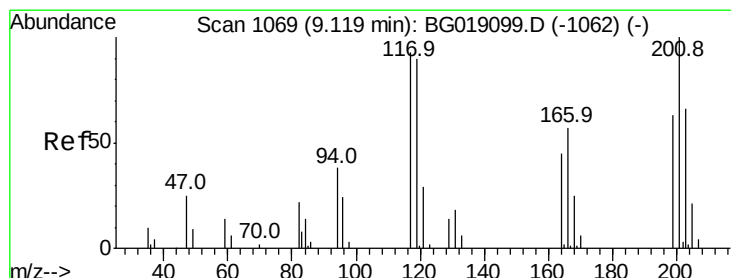
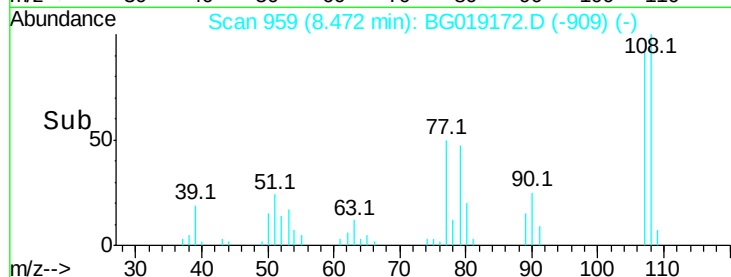
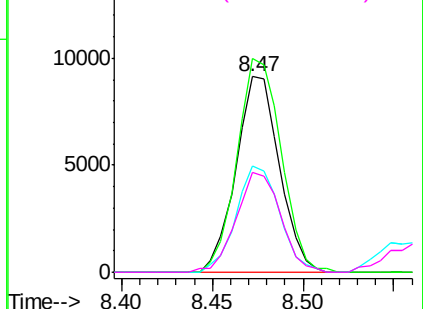
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.2	87.7	131.5
77	54.6	42.2	63.2
79	51.2	42.1	63.1

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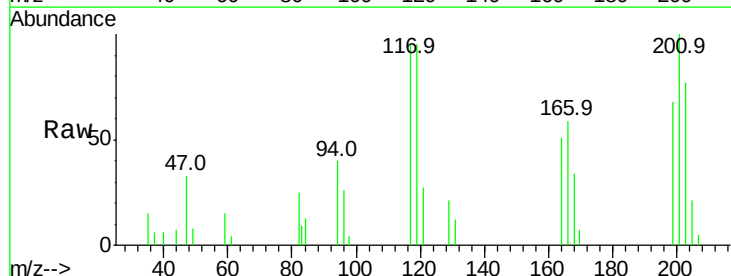


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

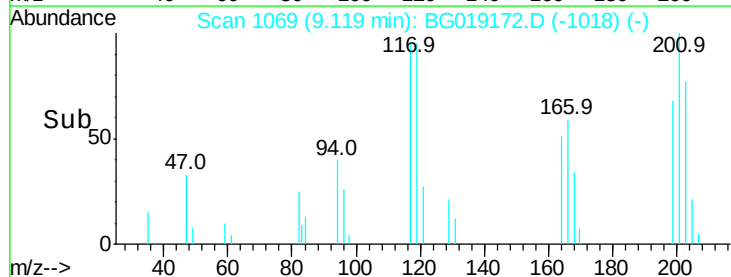
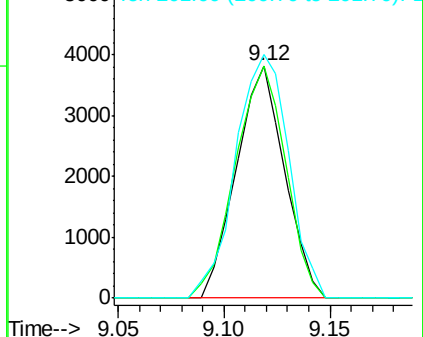


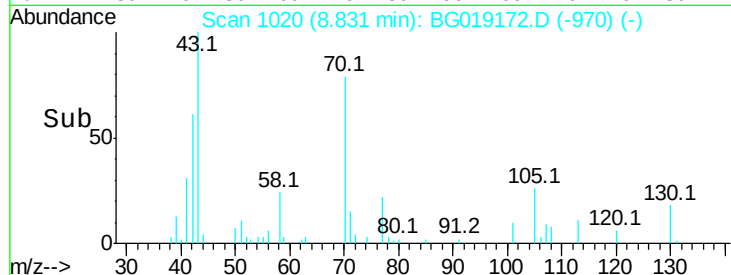
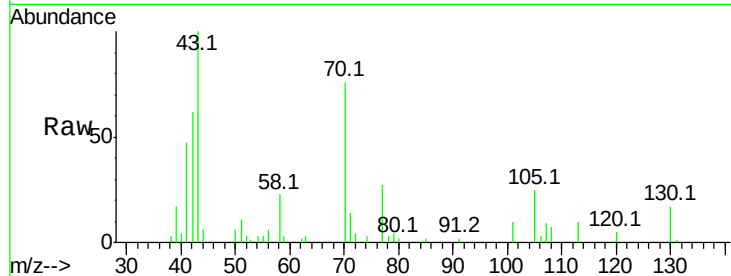
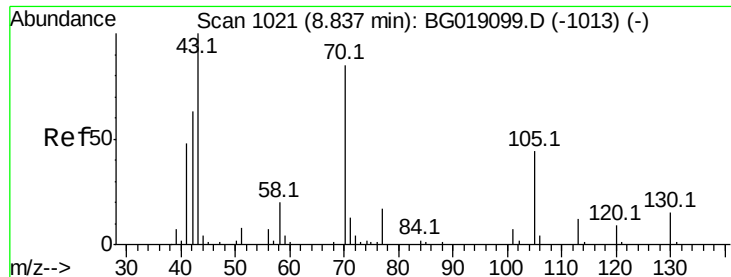
#18
Hexachloroethane
Concen: 13.15 ng
RT: 9.12 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.0	77.0	115.4
201	104.9	85.6	128.4



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





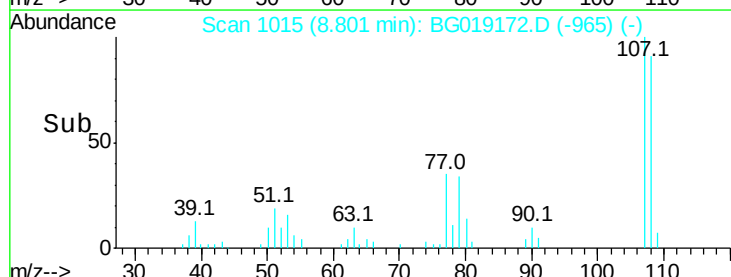
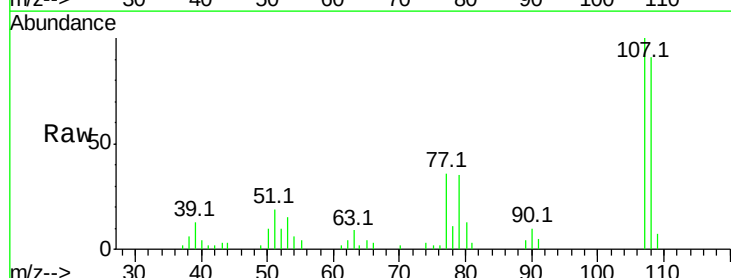
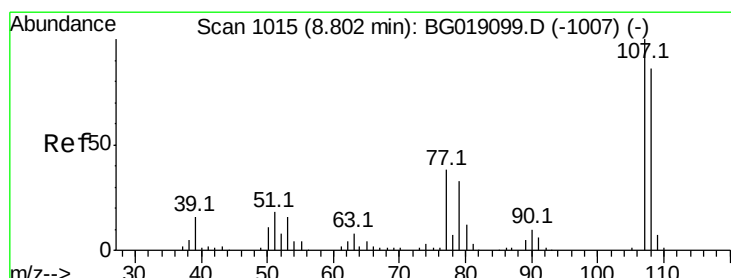
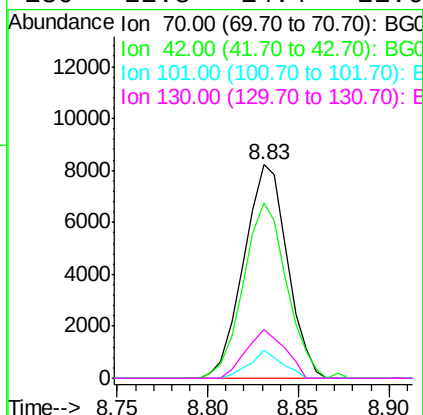
#19
n-Nitroso-di-n-propylamine
Concen: 13.11 ng
RT: 8.83 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

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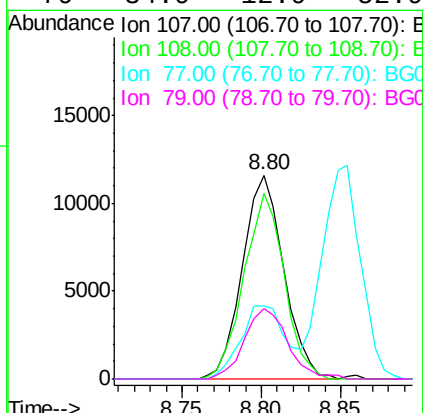
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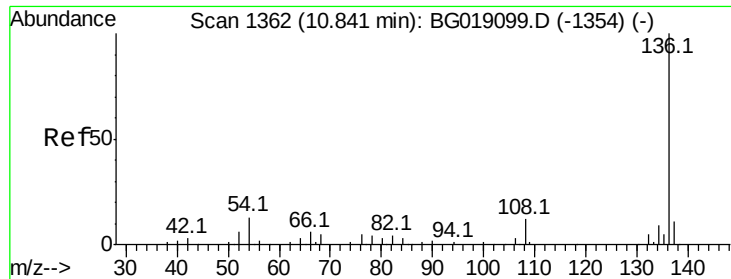
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	82.0	59.8	89.8	
101	13.0	7.0	10.4	
130	22.8	14.4	21.6	



#20
3+4-Methylphenols
Concen: 14.92 ng
RT: 8.80 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.1	66.2	106.2	
77	35.5	17.8	57.8	
79	34.9	12.9	52.9	





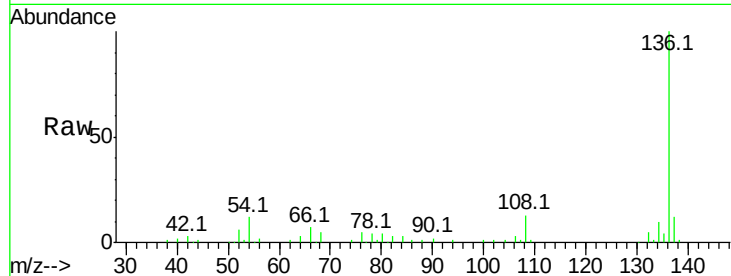
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

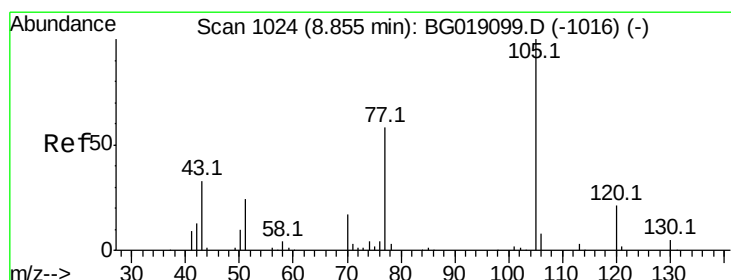
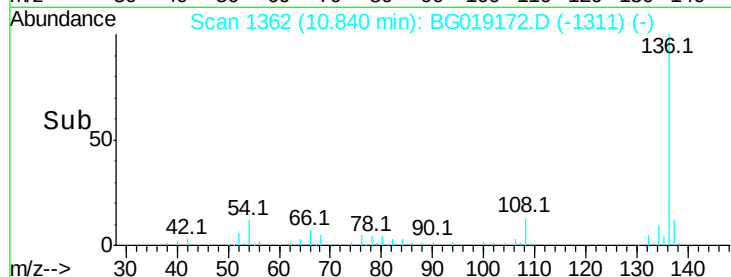
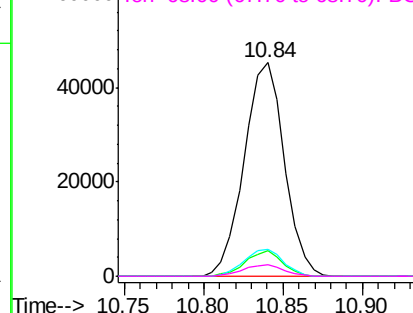
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.0	9.0	13.4	
54	12.5	10.1	15.1	
68	5.5	4.4	6.6	

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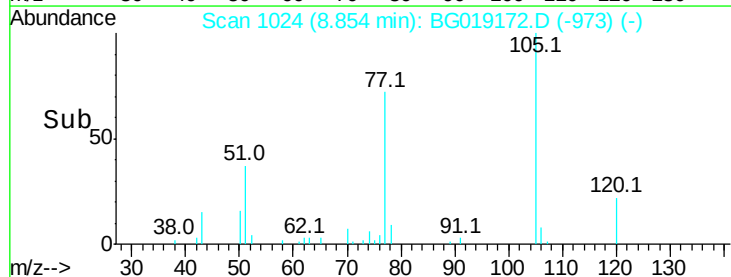
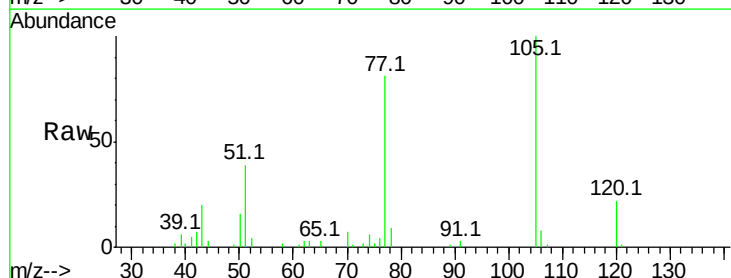
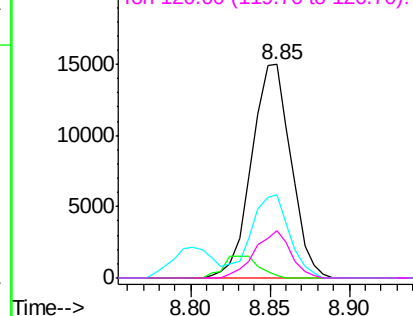
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

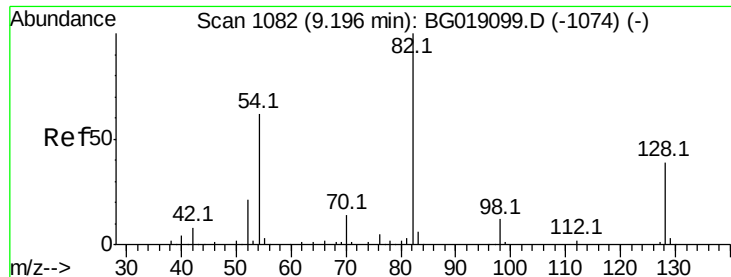


#22
Acetophenone
Concen: 13.93 ng
RT: 8.85 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.1	2.2	3.2#	
51	39.2	29.2	43.8	
120	21.9	16.6	24.8	

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





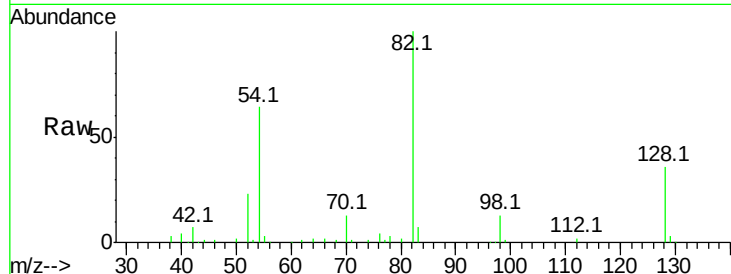
#23
 Nitrobenzene-d5
 Concen: 76.70 ng
 RT: 9.19 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

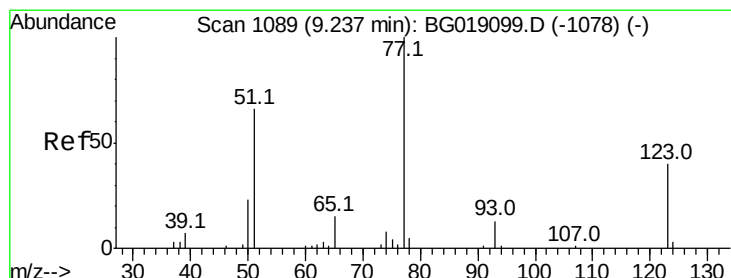
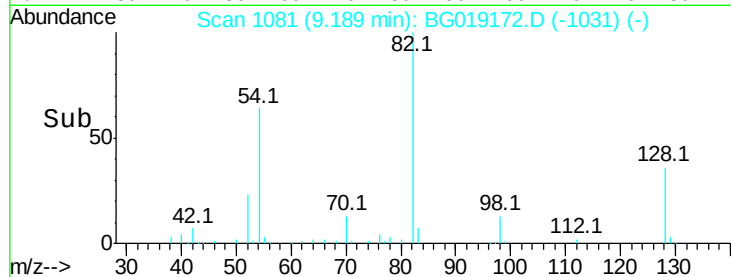
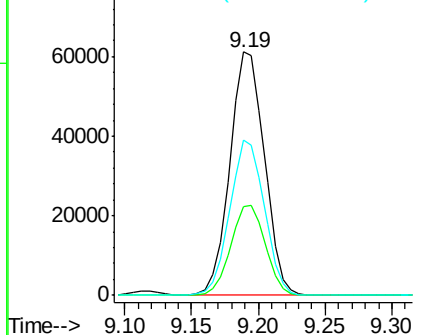
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.3	31.4	47.2	
54	63.9	50.0	75.0	

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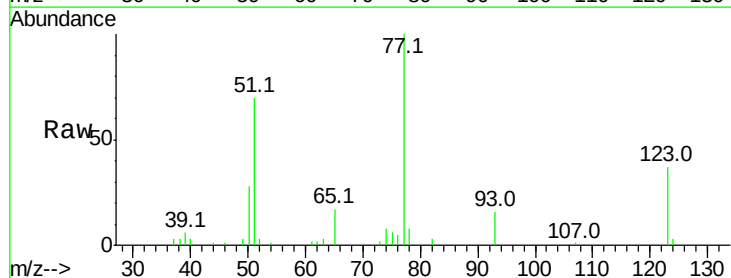


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

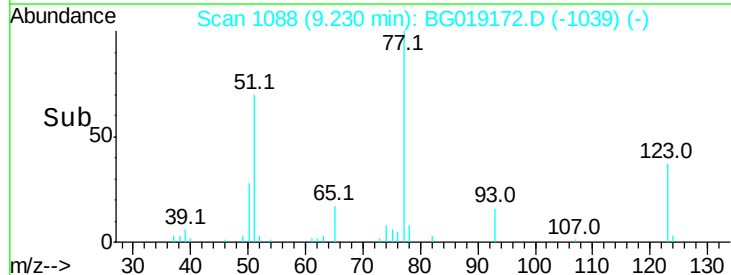
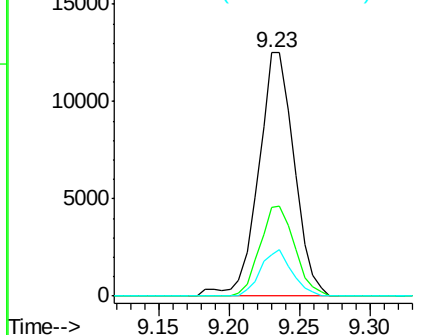


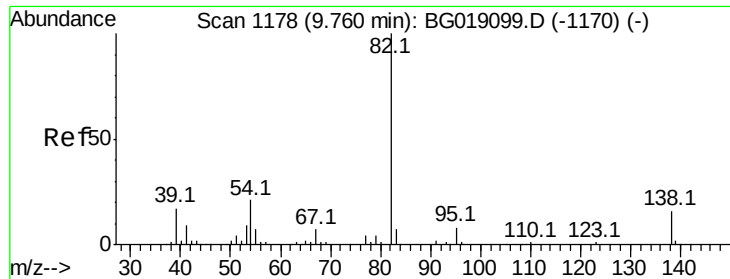
#24
 Nitrobenzene
 Concen: 14.59 ng
 RT: 9.23 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	36.6	31.8	47.6	
65	16.8	11.8	17.6	



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 12.97 ng

RT: 9.75 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

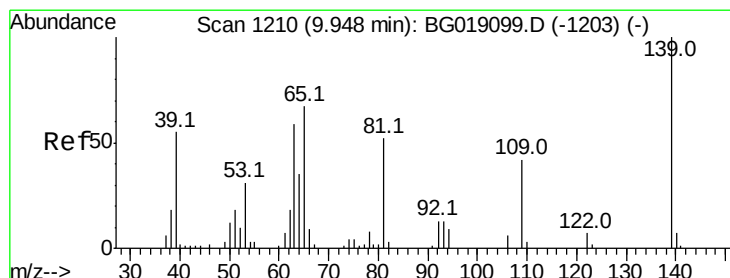
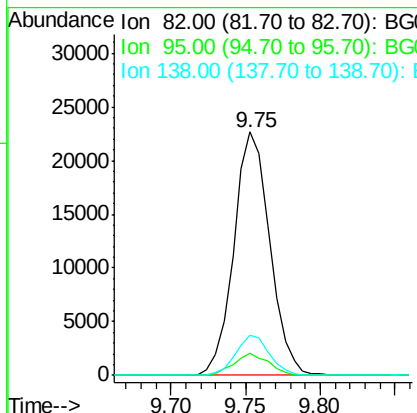
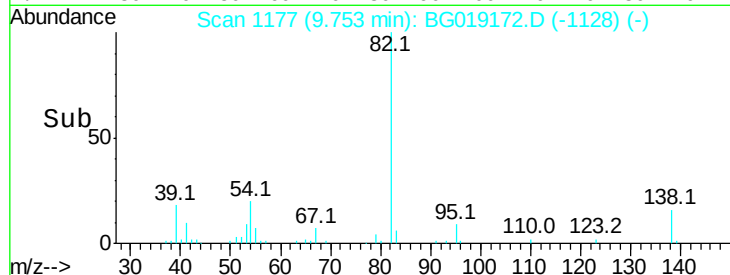
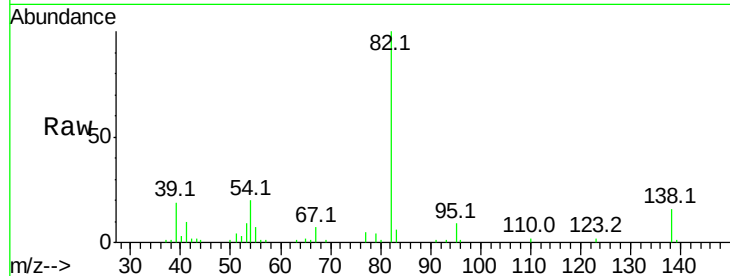
ClientSampleId :

LOQ-SOIL2015-02

Tot Ion:	82	Resp:	38011
Ion Ratio	Lower	Upper	
82	100		
95	8.9	6.7	10.1
138	16.5	12.6	19.0

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#26

2-Nitrophenol

Concen: 13.61 ng

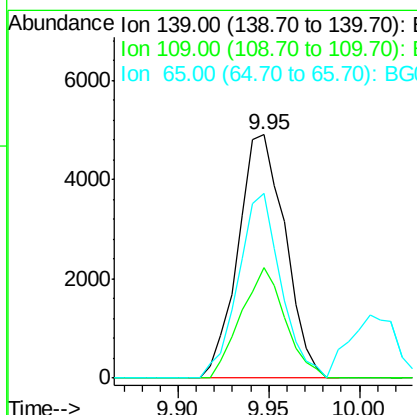
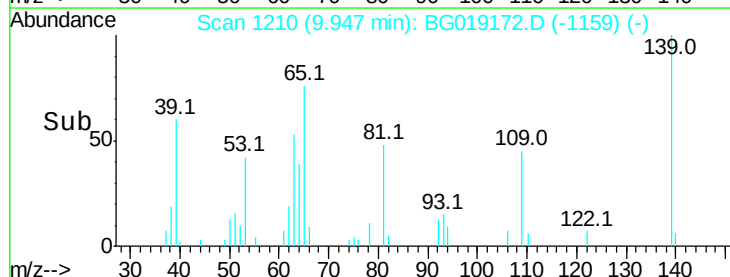
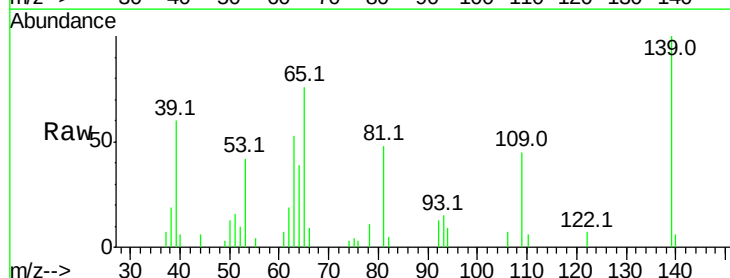
RT: 9.95 min Scan# 1210

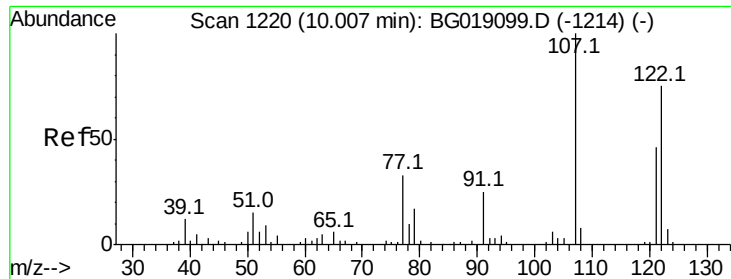
Delta R.T. -0.00 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Tgt Ion:	139	Resp:	8870
Ion Ratio	Lower	Upper	
139	100		
109	45.3	33.3	49.9
65	75.9	53.6	80.4





#27

2,4-Dimethylphenol

Concen: 13.48 ng

RT: 10.01 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BG019172.D

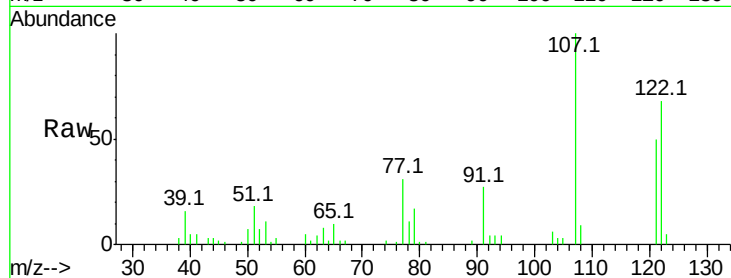
Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02



Tot Ion:122 Resp: 15348

Ion Ratio Lower Upper

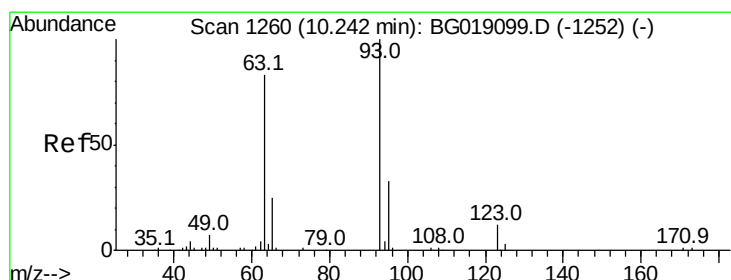
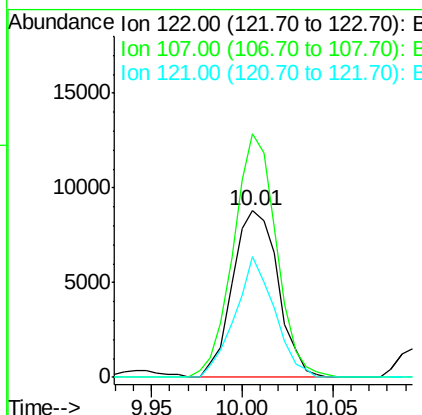
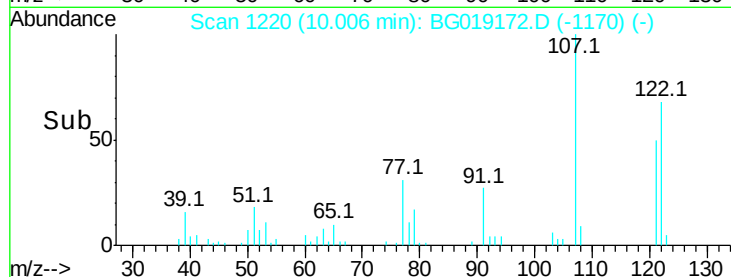
122 100

107 146.1 105.1 157.7

121 72.5 48.7 73.1

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#28

bis(2-Chloroethoxy)methane

Concen: 13.74 ng

RT: 10.24 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

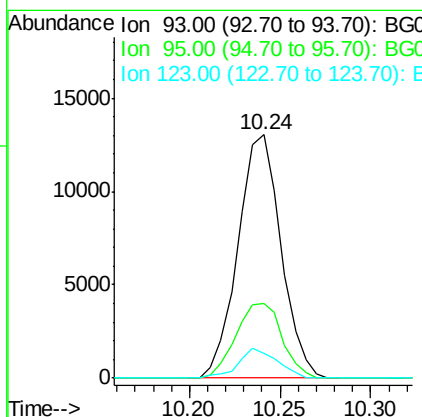
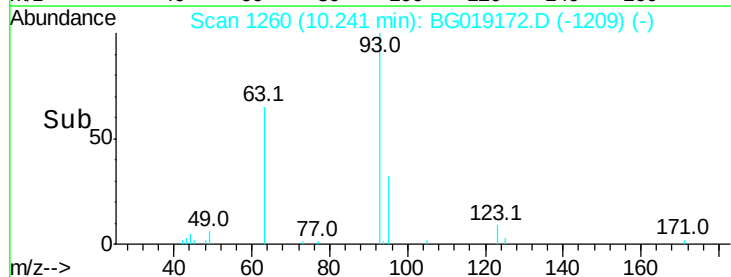
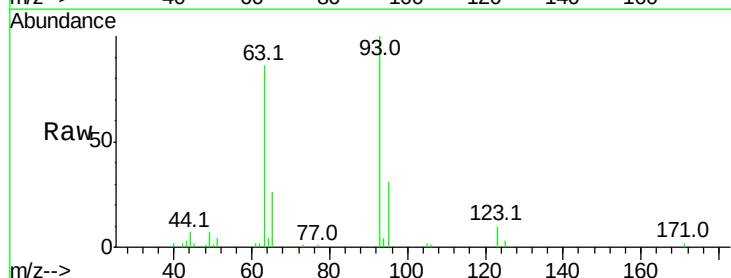
Tgt Ion: 93 Resp: 21486

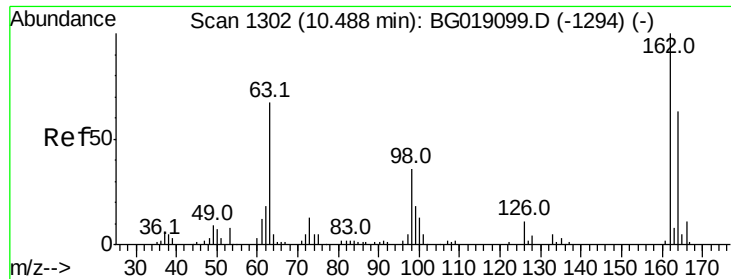
Ion Ratio Lower Upper

93 100

95 30.9 26.5 39.7

123 10.0 9.4 14.2





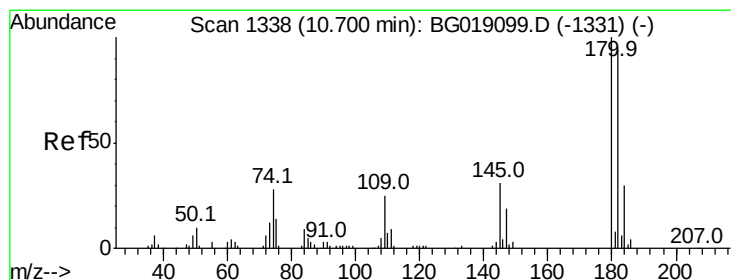
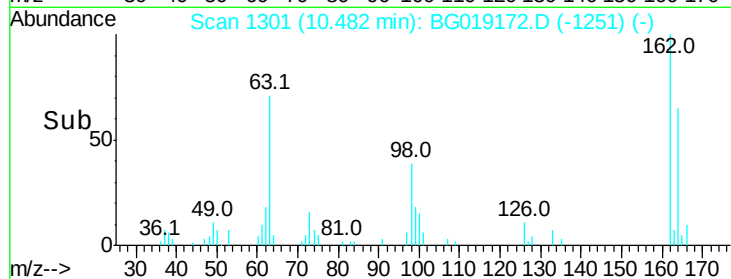
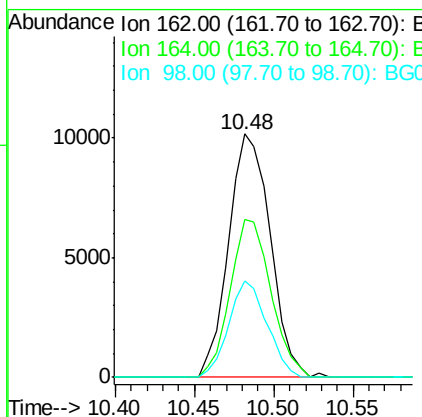
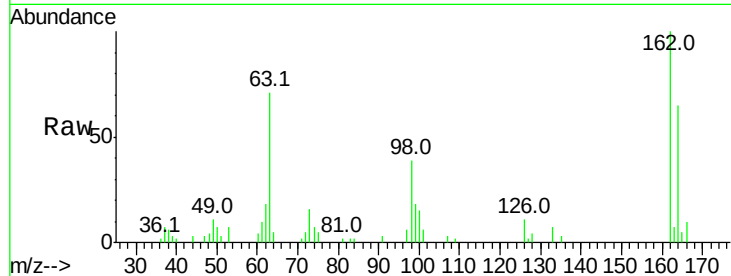
#29
2,4-Dichlorophenol
Concen: 15.54 ng
RT: 10.48 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tot Ion:	162	Resp:	18553
Ion Ratio	Lower	Upper	
162	100		
164	65.1	42.8	82.8
98	39.5	16.1	56.1

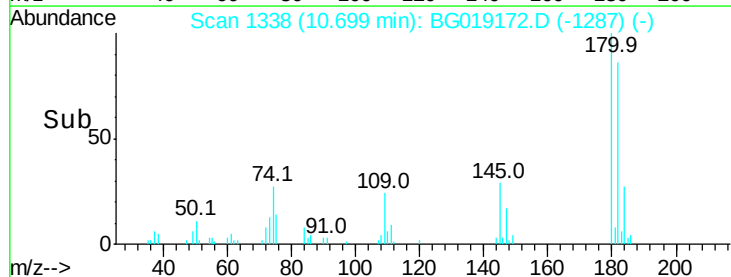
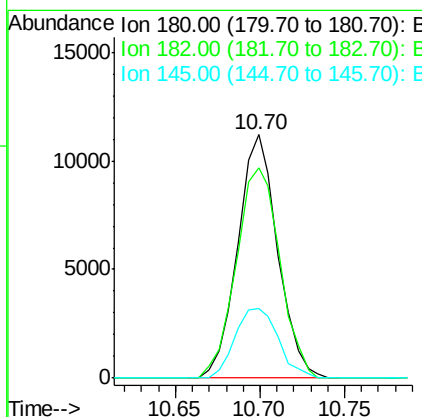
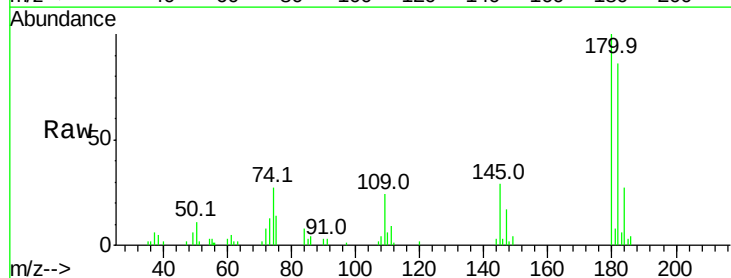
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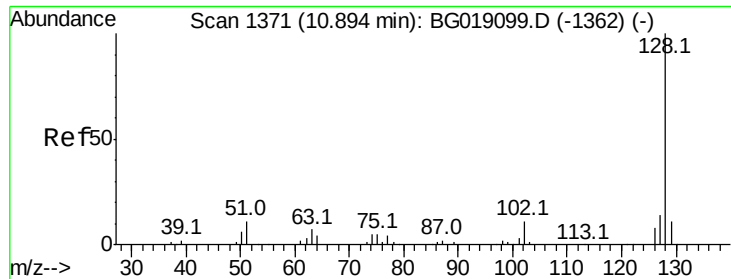
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#30
1,2,4-Trichlorobenzene
Concen: 14.35 ng
RT: 10.70 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion:	180	Resp:	18387
Ion Ratio	Lower	Upper	
180	100		
182	86.4	75.3	112.9
145	28.5	24.9	37.3





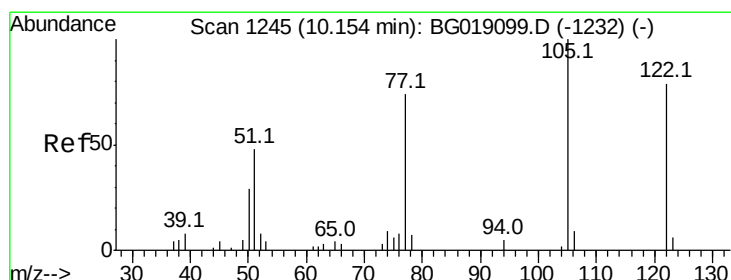
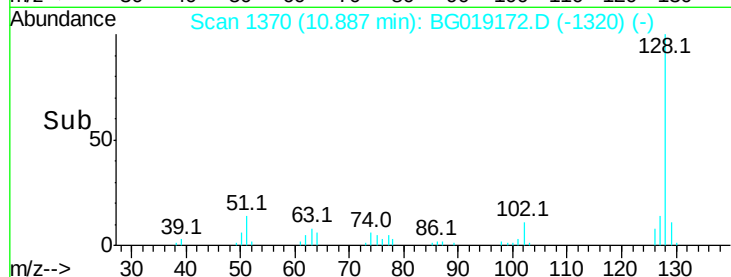
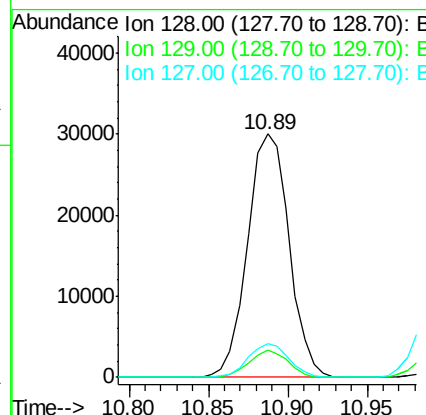
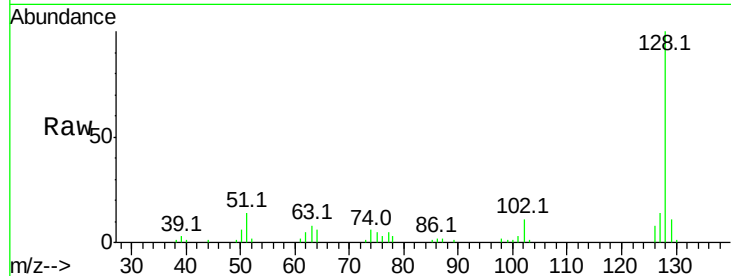
#31
Naphthalene
Concen: 14.25 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	13.8	11.4	17.0

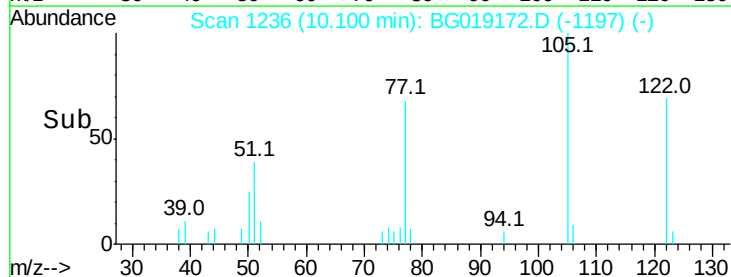
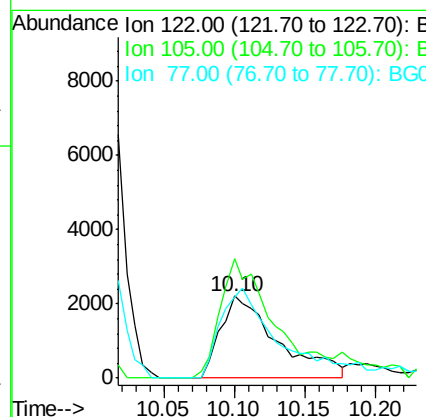
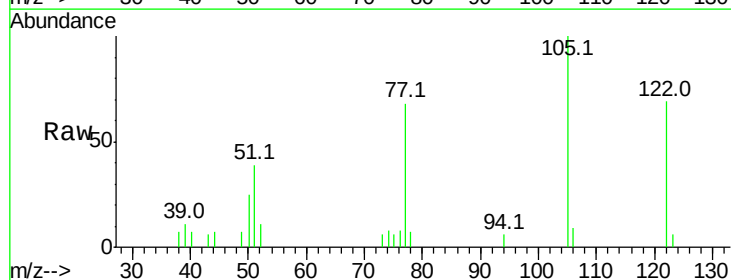
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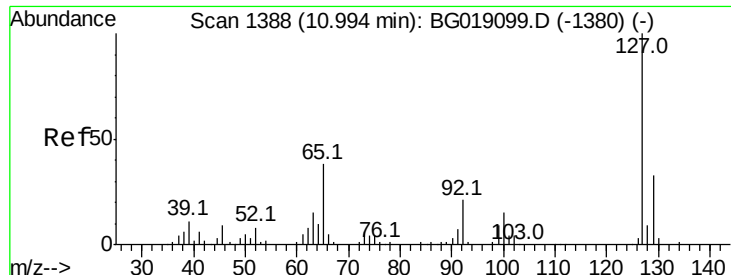
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#32
Benzoic acid
Concen: 15.13 ng
RT: 10.10 min Scan# 1236
Delta R.T. -0.07 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	144.9	107.0	147.0
77	98.1	73.4	113.4





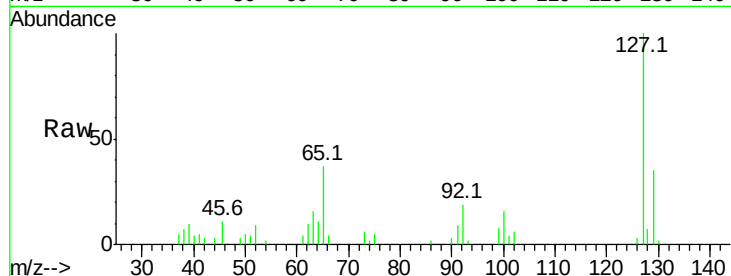
#33
4-Chloroaniline
Concen: 9.20 ng
RT: 10.99 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

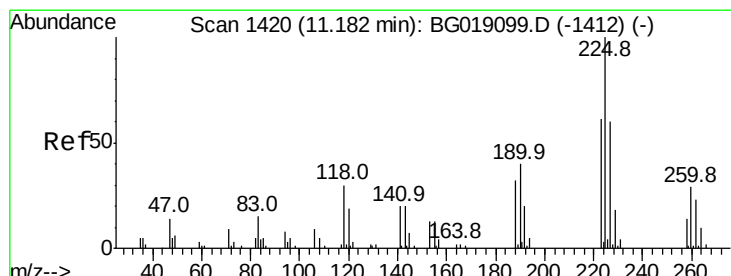
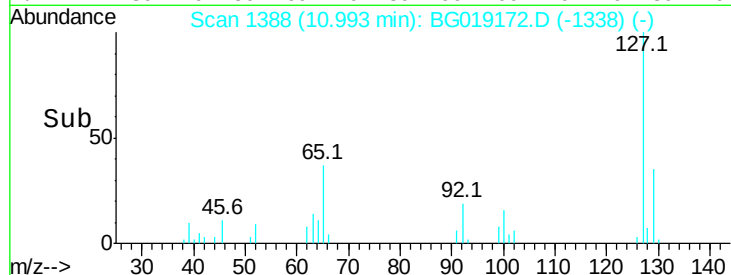
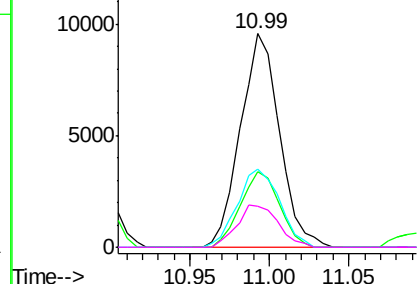
Tot Ion	Ratio	Lower	Upper
127	100		
129	35.2	26.2	39.2
65	36.9	30.4	45.6
92	19.1	16.9	25.3

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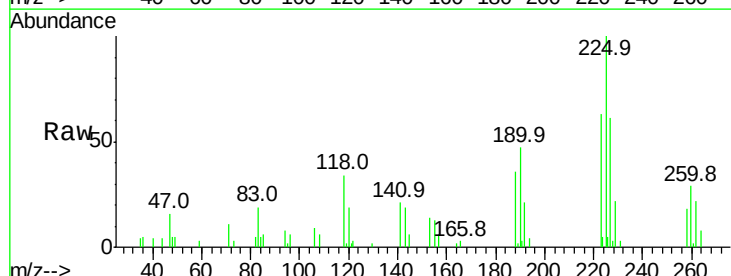


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

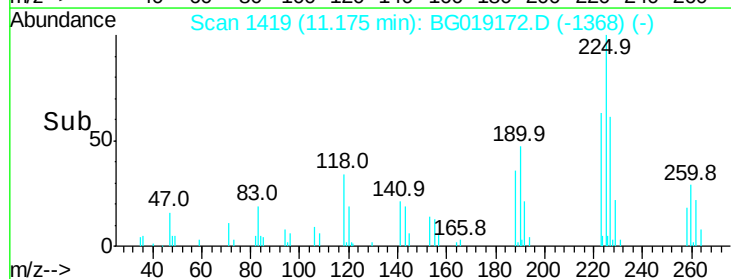
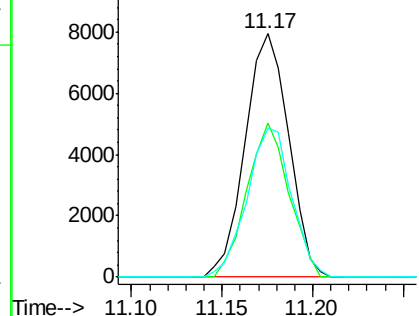


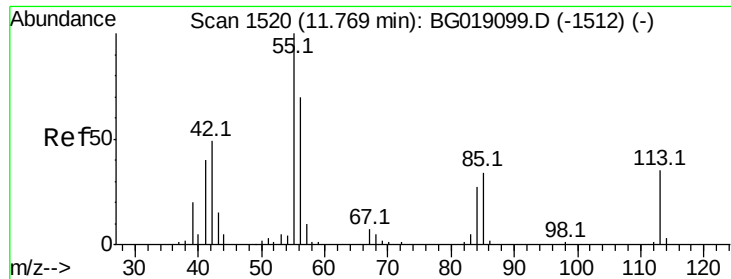
#34
Hexachlorobutadiene
Concen: 15.12 ng
RT: 11.17 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	48.6	72.8
227	61.2	48.1	72.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 13.35 ng

RT: 11.75 min Scan# 1517

Delta R.T. -0.04 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

Tot Ion:113 Resp: 5872

Ion Ratio Lower Upper

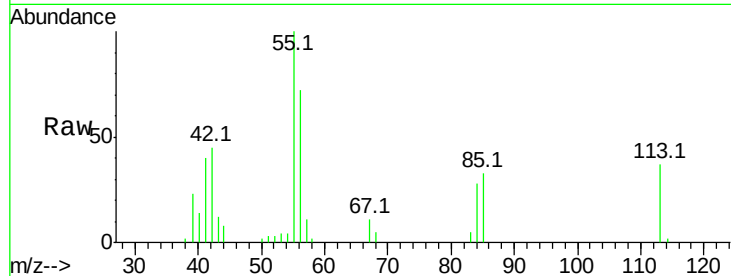
113 100

55 267.3 263.4 303.4

56 192.2 179.0 219.0

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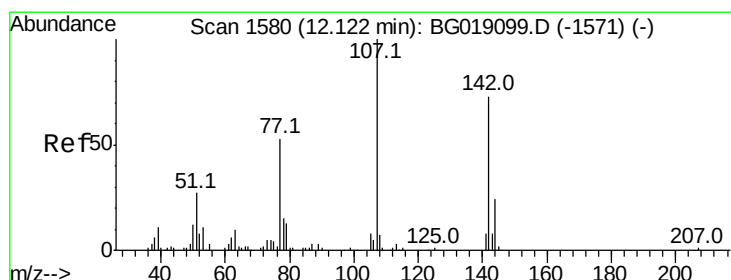
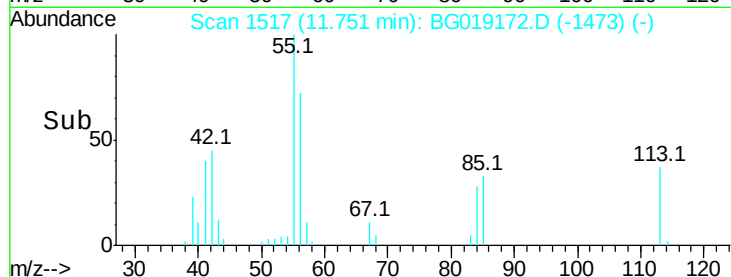
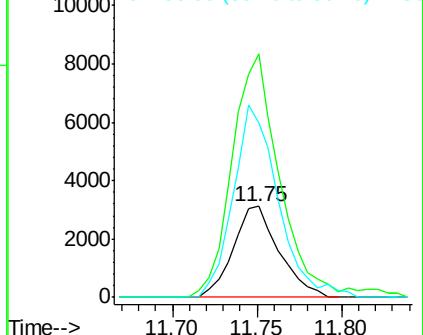
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG019172.D (-1473) (-)

Ion 56.00 (55.70 to 56.70): BG019172.D (-1473) (-)



#36

4-Chloro-3-methylphenol

Concen: 15.79 ng

RT: 12.12 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

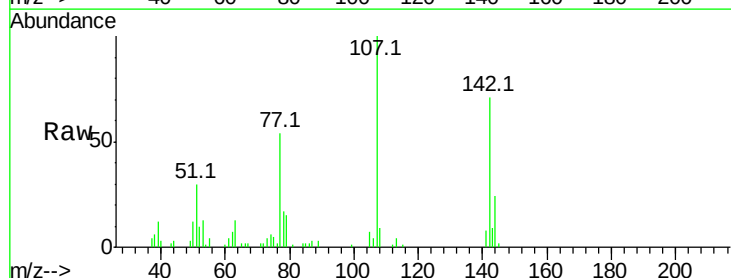
Tgt Ion:107 Resp: 23958

Ion Ratio Lower Upper

107 100

144 24.1 19.0 28.6

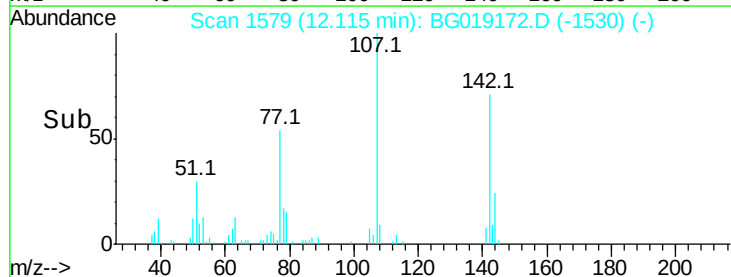
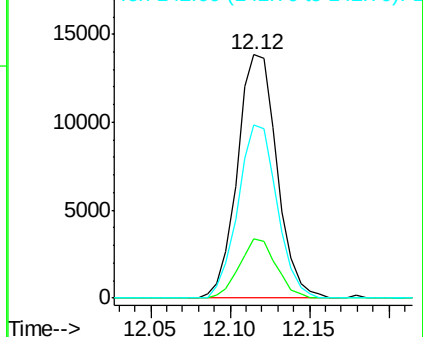
142 71.3 58.5 87.7

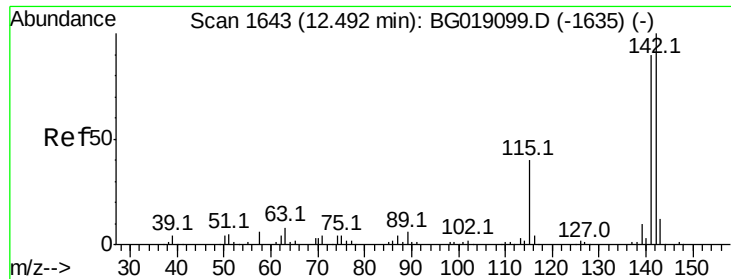


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





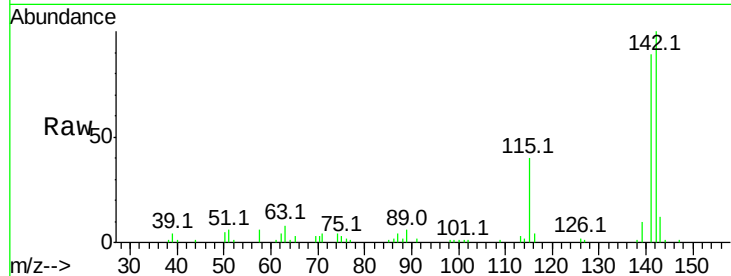
#37
 2-Methylnaphthalene
 Concen: 14.96 ng
 RT: 12.49 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

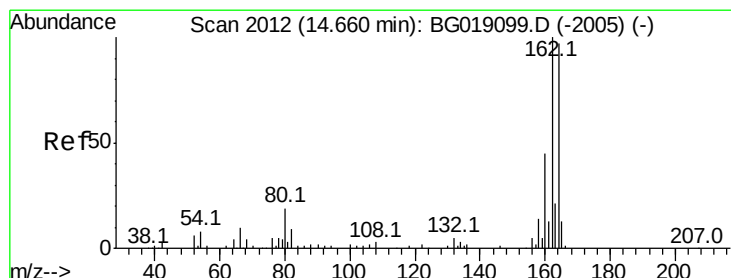
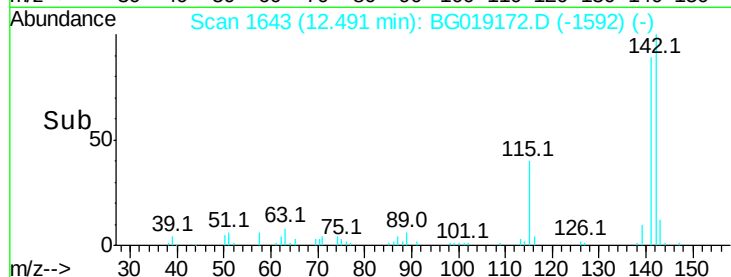
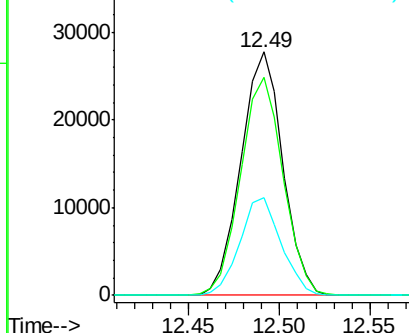
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.1	108.1
115	40.1	31.8	47.8

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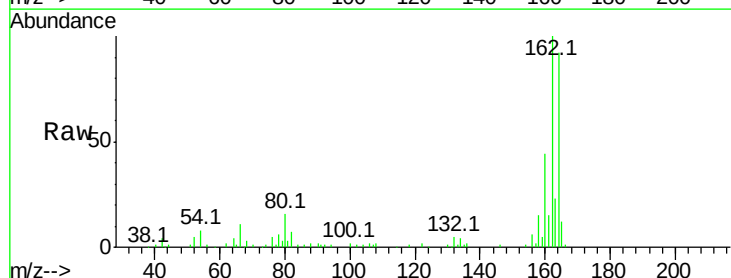


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

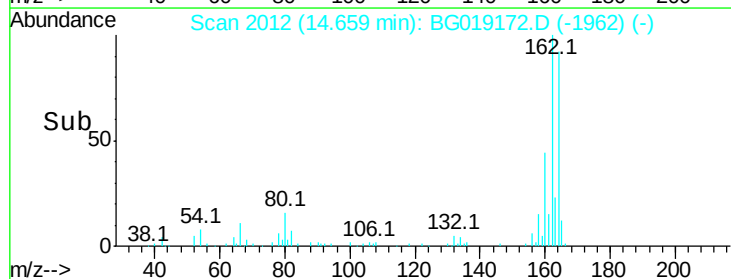
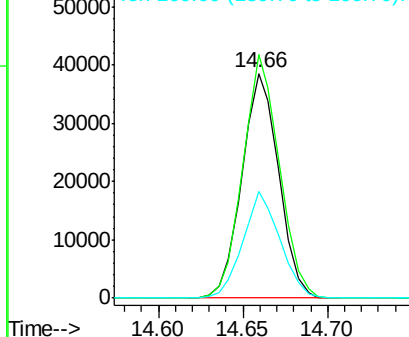


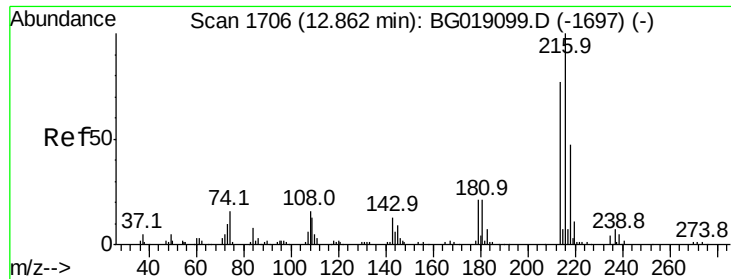
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.2	82.6	124.0
160	47.4	36.9	55.3



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





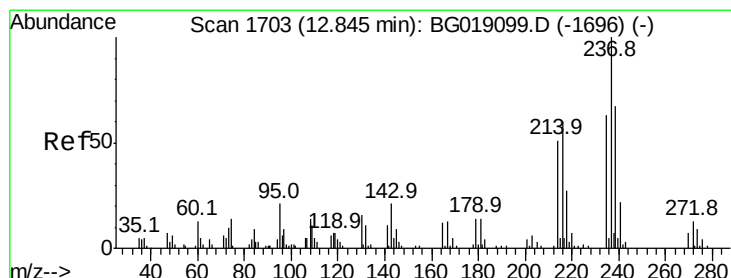
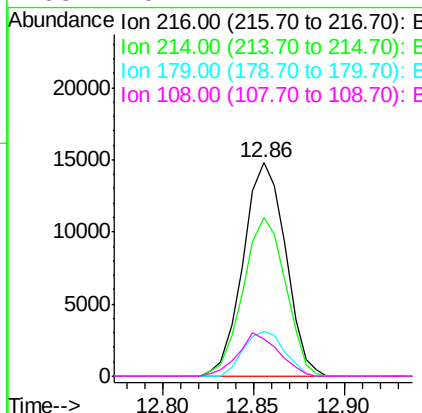
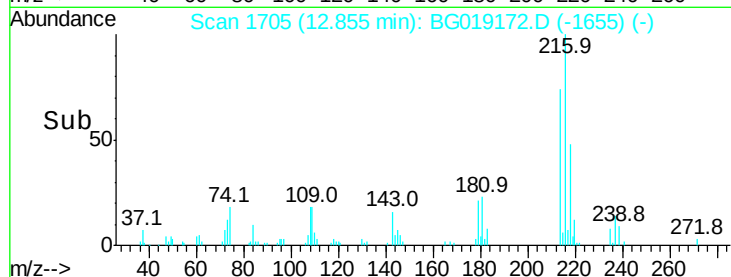
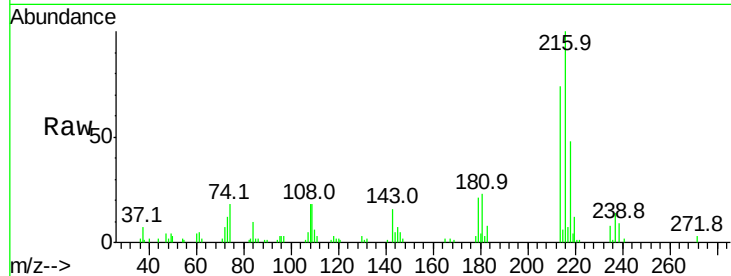
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 14.38 ng
 RT: 12.86 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	74.4	64.0	96.0	
179	20.2	16.9	25.3	
108	19.7	14.7	22.1	

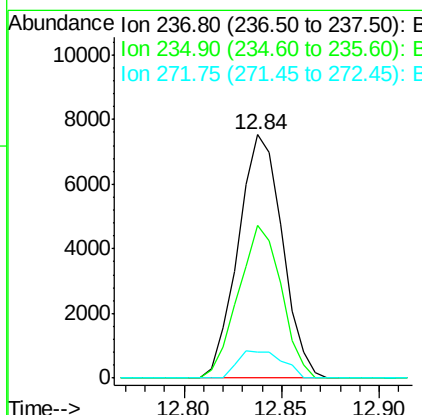
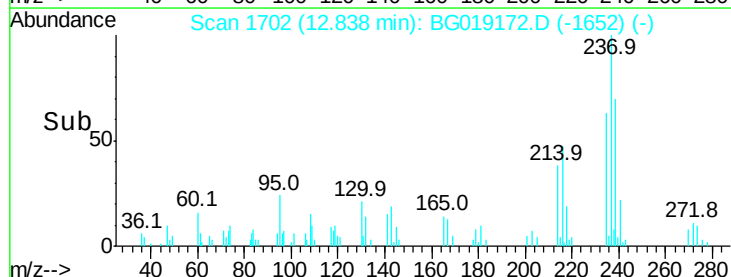
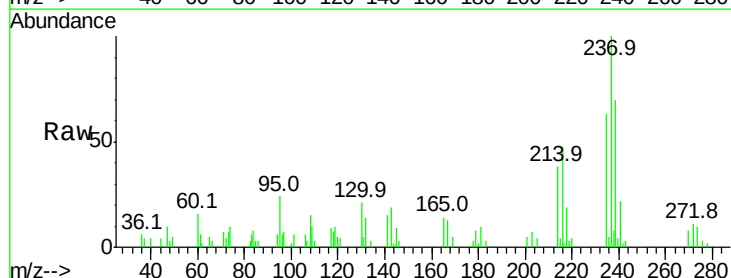
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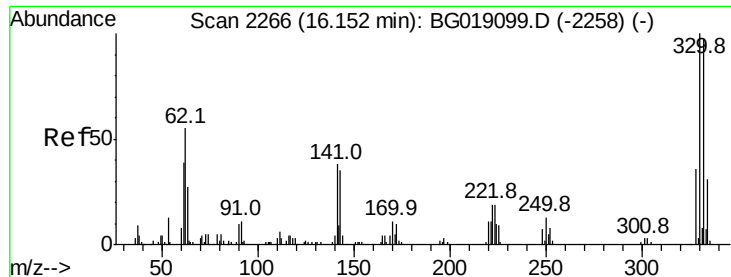
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#40
 Hexachlorocyclopentadiene
 Concen: 13.58 ng
 RT: 12.84 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.6	43.2	83.2	
272	10.9	0.0	33.2	





#41

2,4,6-Tribromophenol

Concen: 116.74 ng

RT: 16.15 min Scan# 2266

Delta R.T. -0.00 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

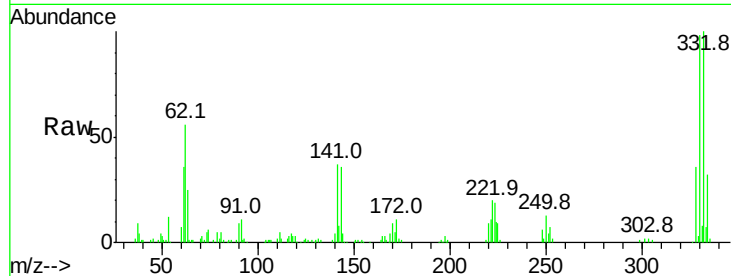
ClientSampleId :

LOQ-SOIL2015-02

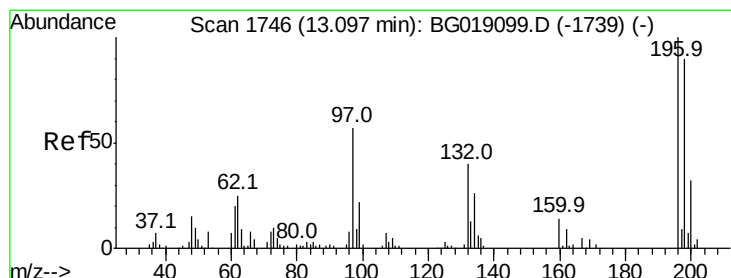
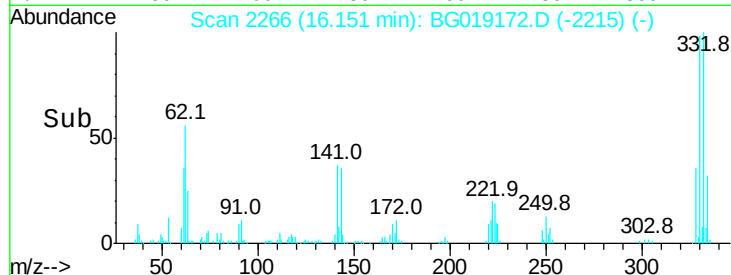
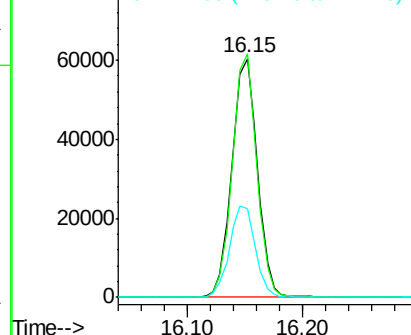
Tot Ion:	330	Resp:	92557
Ion Ratio	Lower	Upper	
330	100		
332	98.2	77.3	115.9
141	38.6	30.7	46.1

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



#42

2,4,6-Trichlorophenol

Concen: 14.22 ng

RT: 13.10 min Scan# 1746

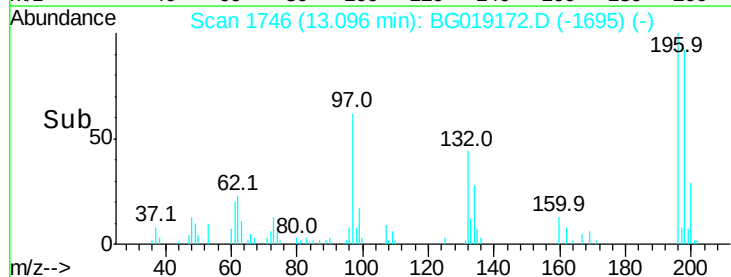
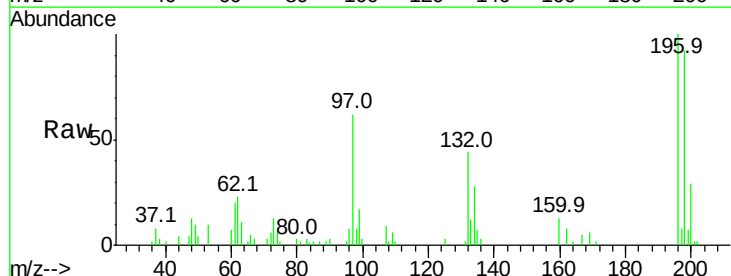
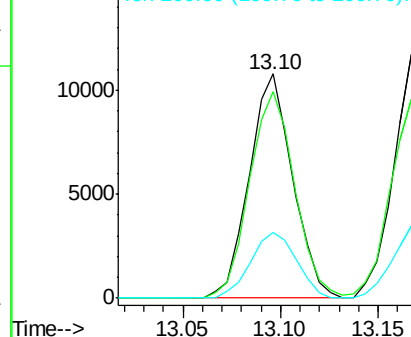
Delta R.T. -0.00 min

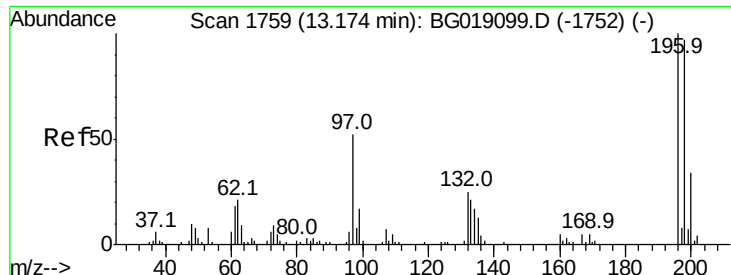
Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Tgt Ion:	196	Resp:	16556
Ion Ratio	Lower	Upper	
196	100		
198	92.2	72.0	108.0
200	29.4	25.5	38.3

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





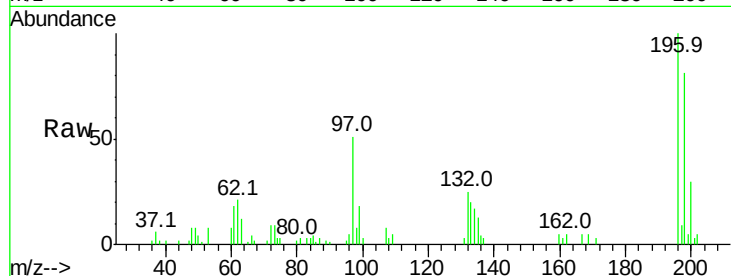
#43
 2,4,5-Trichlorophenol
 Concen: 15.03 ng
 RT: 13.17 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

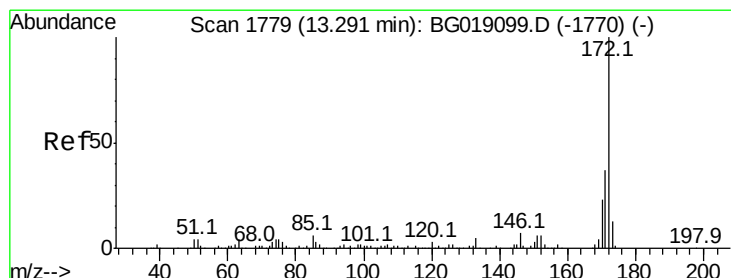
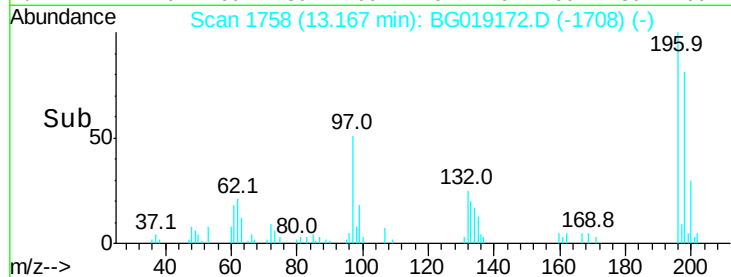
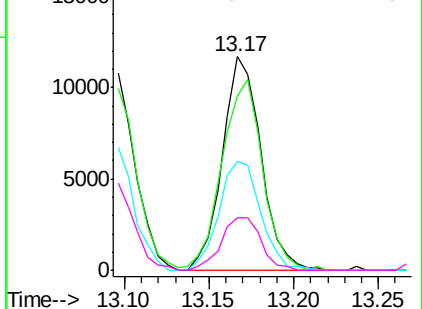
Tot Ion	196	Resp	18592
Ion Ratio	Lower	Upper	
196	100		
198	81.5	77.7	116.5
97	50.8	41.4	62.2
132	24.8	20.6	30.8

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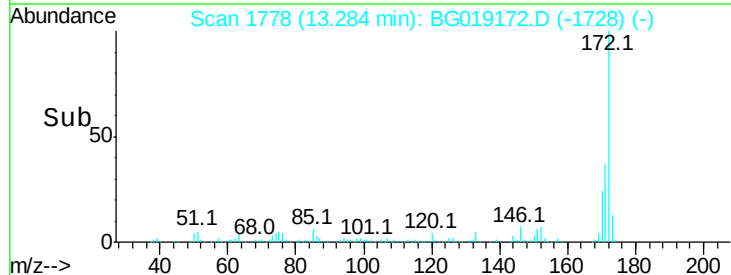
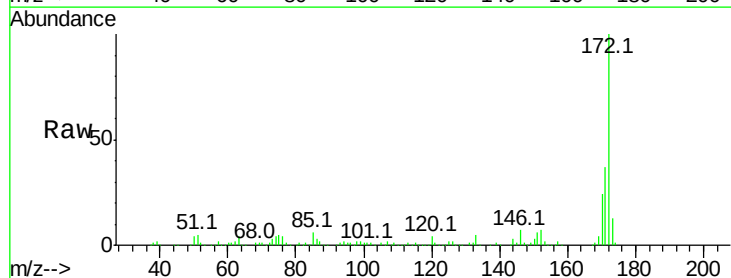
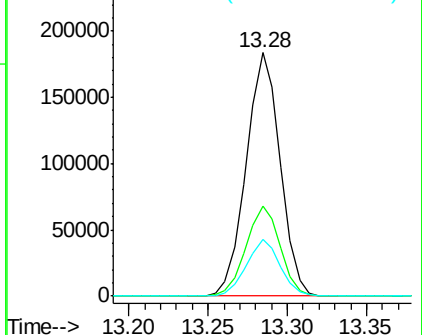
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

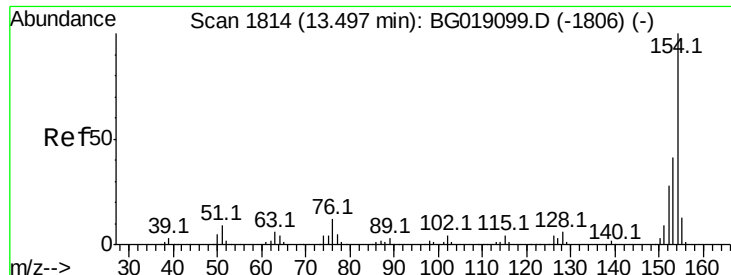


#44
 2-Fluorobiphenyl
 Concen: 72.02 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Tgt Ion	172	Resp	272543
Ion Ratio	Lower	Upper	
172	100		
171	37.0	29.9	44.9
170	23.6	18.6	27.8

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





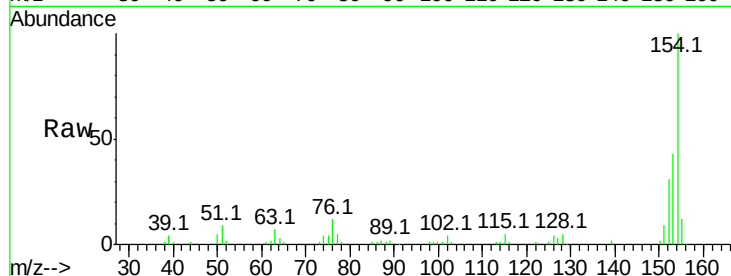
#45
1,1'-Biphenyl
Concen: 13.66 ng
RT: 13.50 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

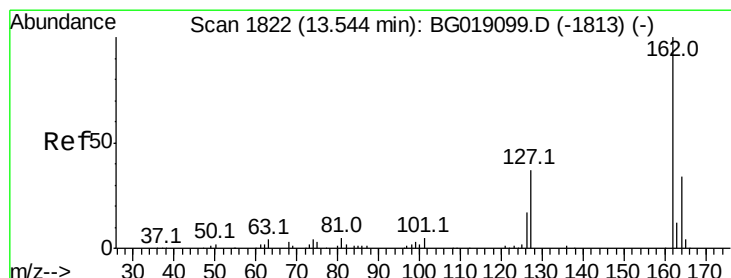
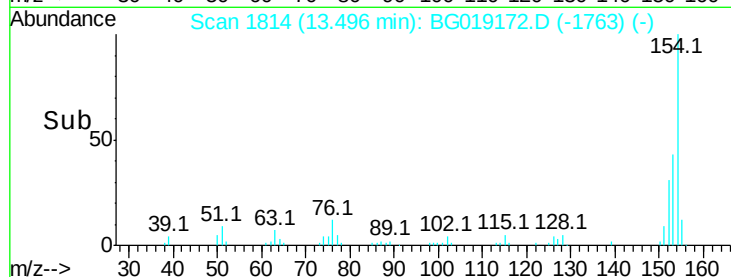
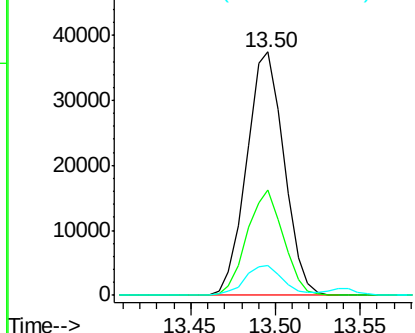
Tot Ion:	154	Resp:	57732
Ion Ratio	Lower	Upper	
154	100		
153	43.4	20.6	60.6
76	12.1	0.0	32.2

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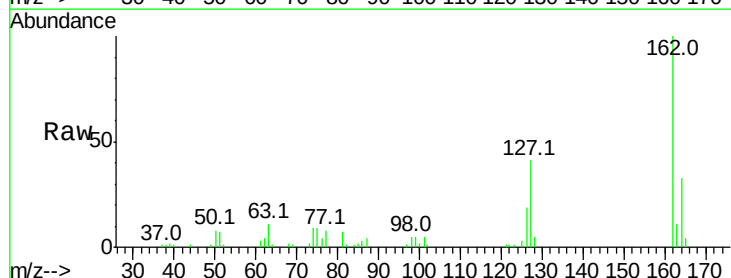


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B

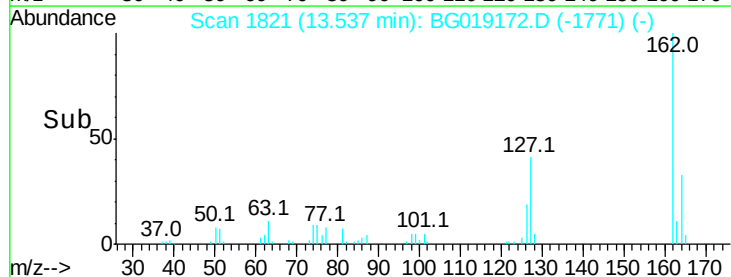
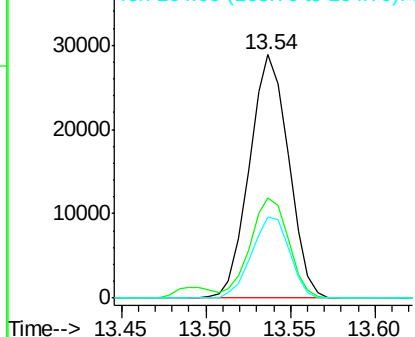


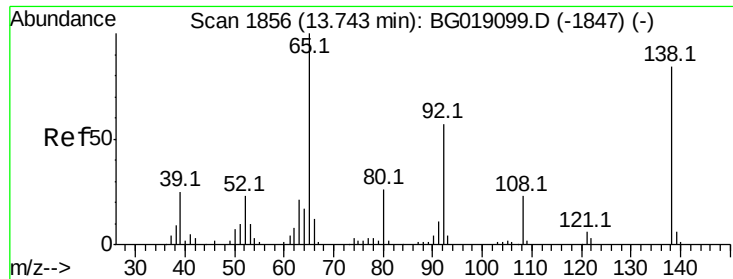
#46
2-Chloronaphthalene
Concen: 14.31 ng
RT: 13.54 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion:	162	Resp:	46514
Ion Ratio	Lower	Upper	
162	100		
127	41.3	32.2	48.4
164	33.5	27.3	40.9



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 14.47 ng

RT: 13.74 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

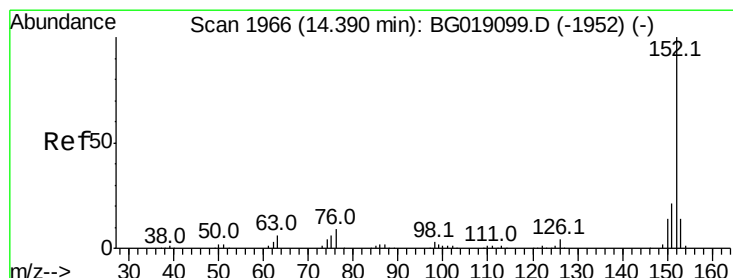
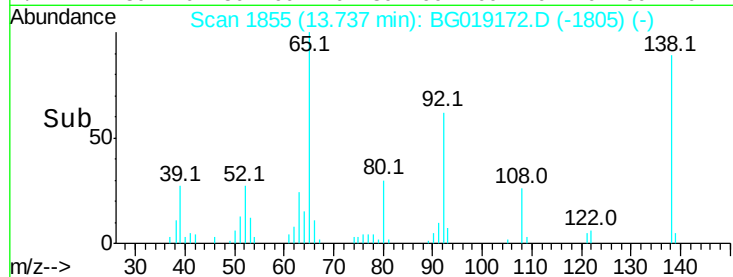
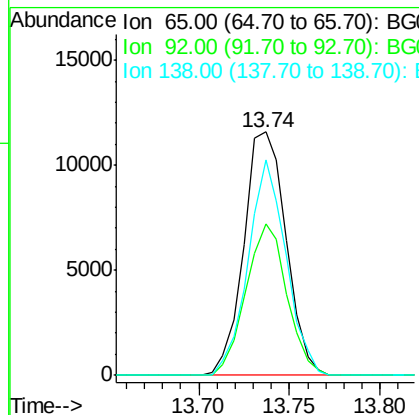
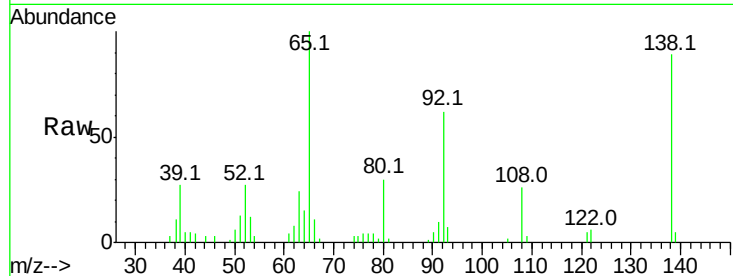
ClientSampleId :

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Tot Ion:	65	Resp:	18891
Ion Ratio	Lower	Upper	
65	100		
92	61.9	45.8	68.8
138	88.6	66.9	100.3

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#48

Acenaphthylene

Concen: 14.00 ng

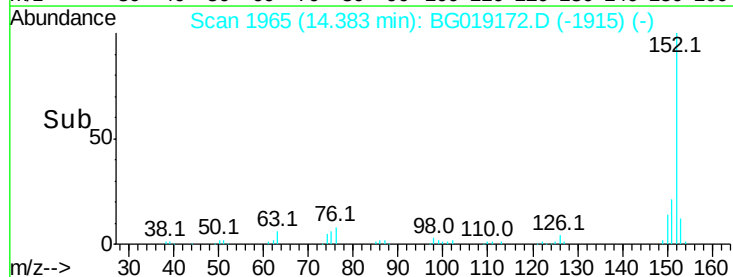
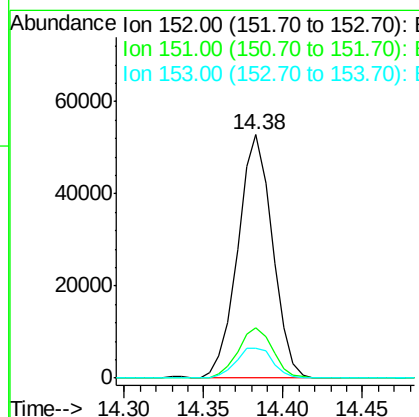
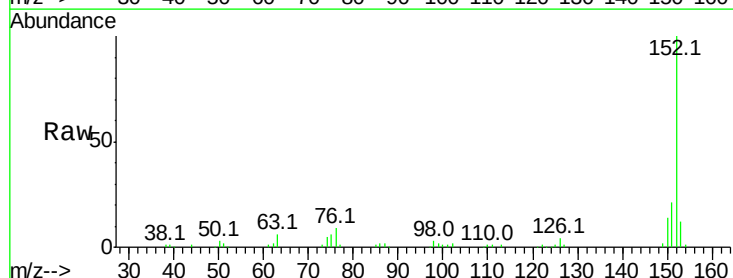
RT: 14.38 min Scan# 1965

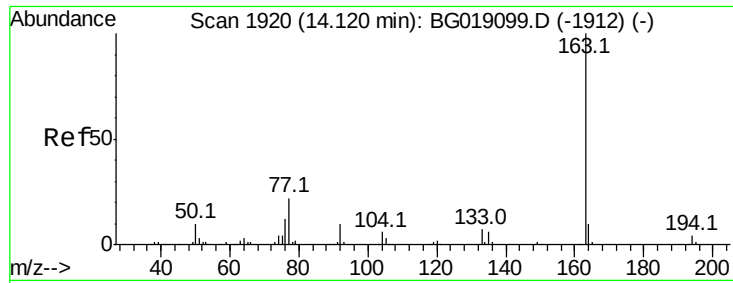
Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Tgt Ion:	152	Resp:	80255
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.8	25.2
153	12.3	11.0	16.4





#49

Dimethylphthalate

Concen: 13.82 ng

RT: 14.11 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

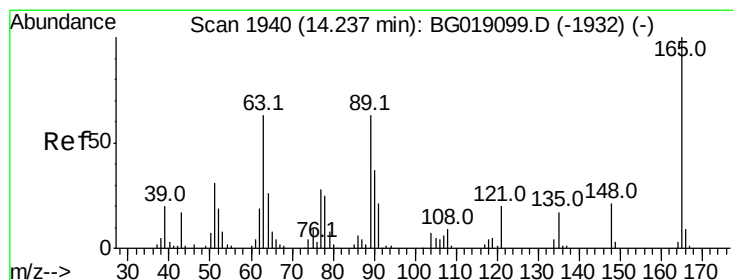
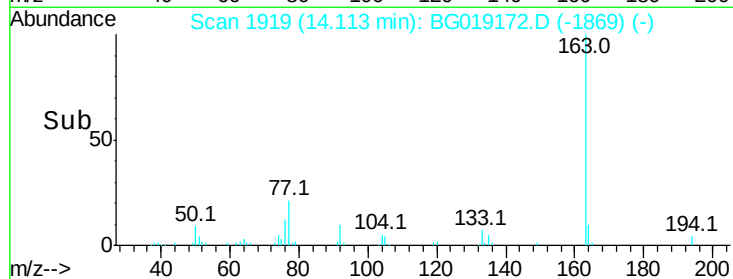
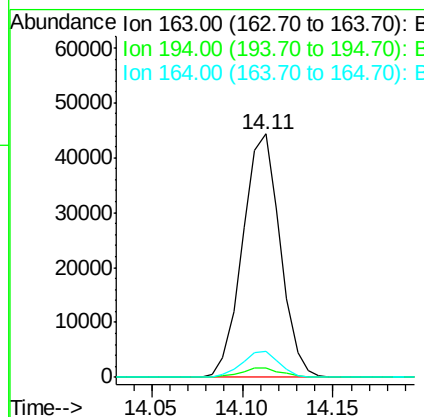
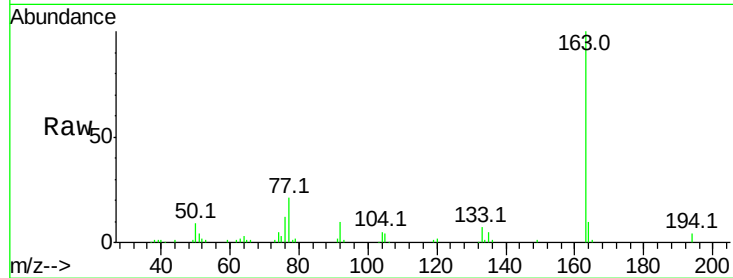
ClientSampleId :

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Tot Ion:	163	Resp:	63495
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.2	4.8
164	10.5	8.1	12.1

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#50

2,6-Dinitrotoluene

Concen: 14.17 ng

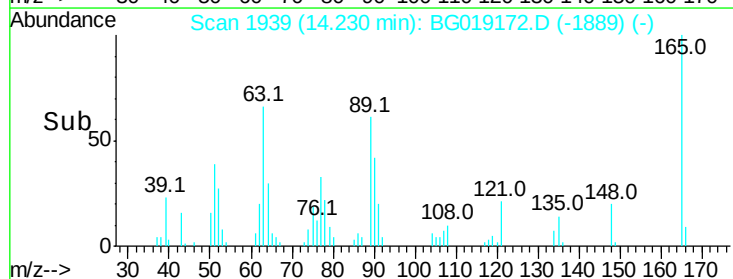
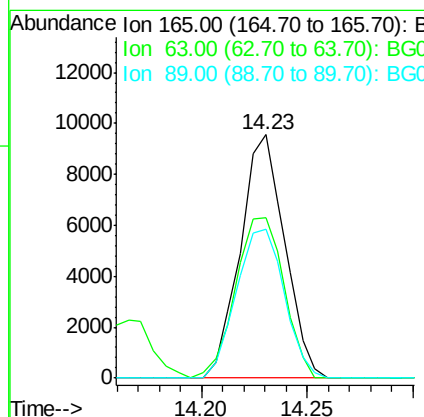
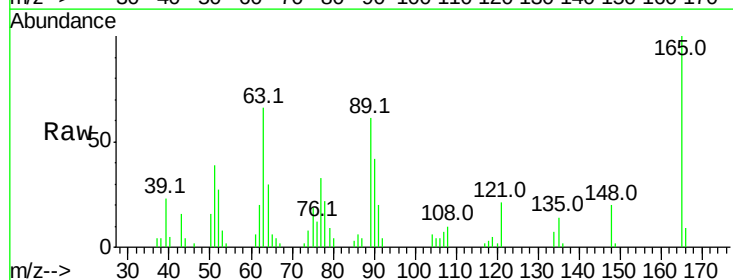
RT: 14.23 min Scan# 1939

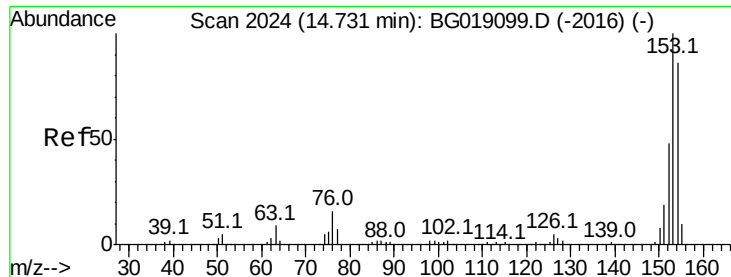
Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Tgt Ion:	165	Resp:	13909
Ion Ratio	Lower	Upper	
165	100		
63	65.8	52.6	78.8
89	61.2	50.6	76.0





#51

Acenaphthene

Concen: 13.94 ng

RT: 14.72 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

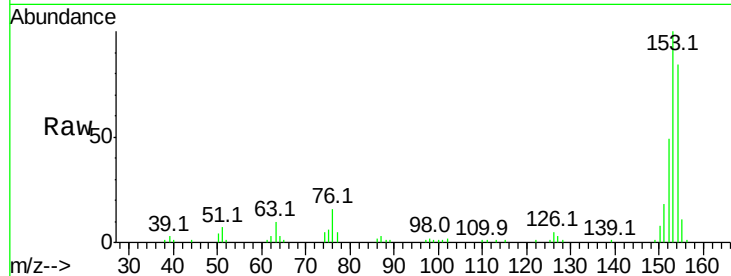
ClientSampleId :

LOQ-SOIL2015-02

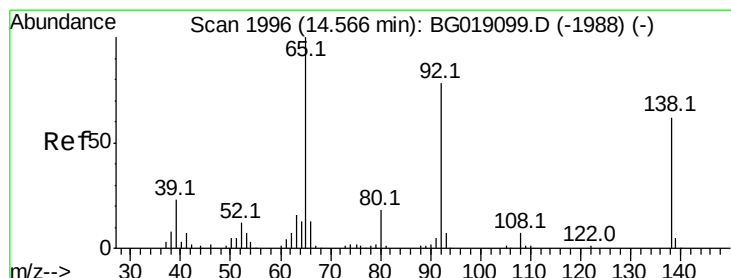
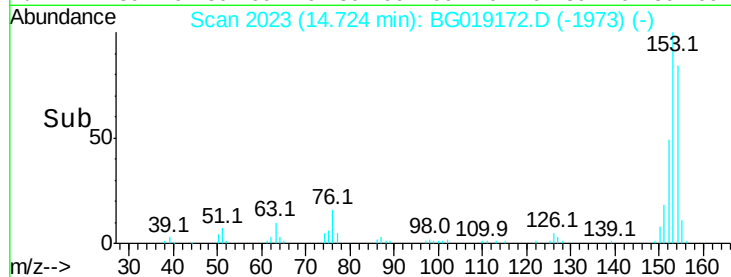
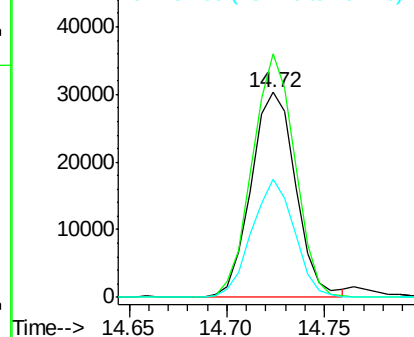
Tot Ion:	154	Resp:	48078
Ion Ratio	Lower	Upper	
154	100		
153	118.9	93.4	140.2
152	57.9	44.9	67.3

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 11.13 ng

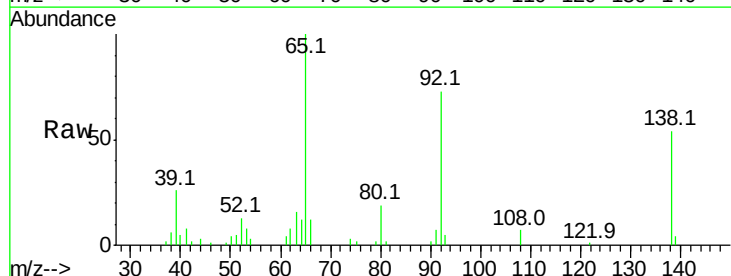
RT: 14.56 min Scan# 1995

Delta R.T. -0.01 min

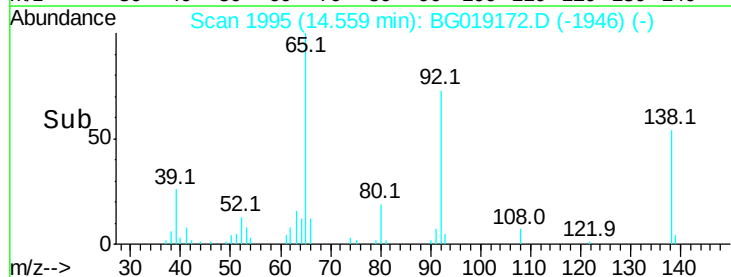
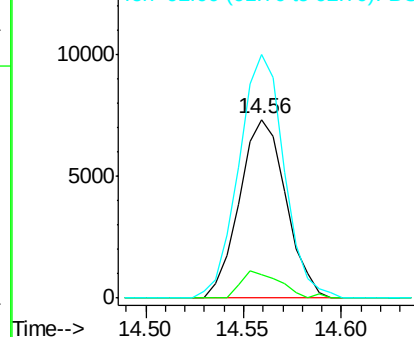
Lab File: BG019172.D

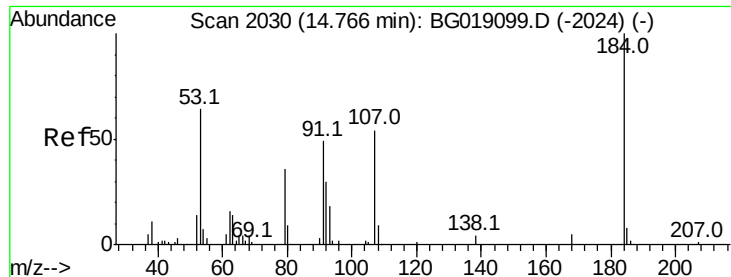
Acq: 13 Oct 2015 00:16

Tgt Ion:	138	Resp:	12061
Ion Ratio	Lower	Upper	
138	100		
108	13.4	8.6	13.0#
92	136.2	101.4	152.0



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





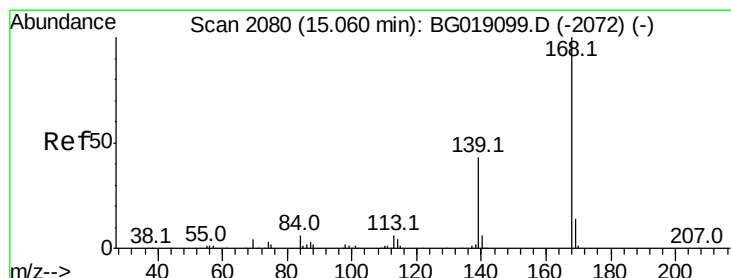
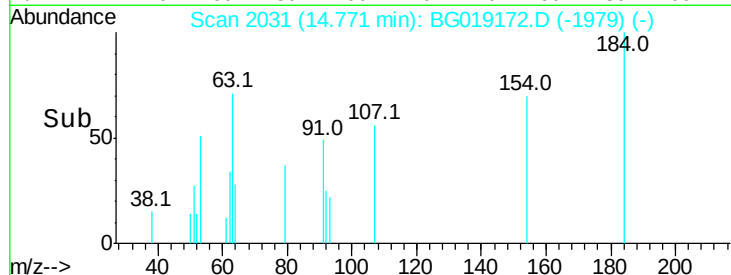
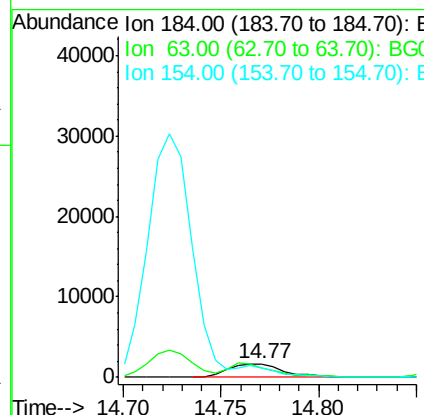
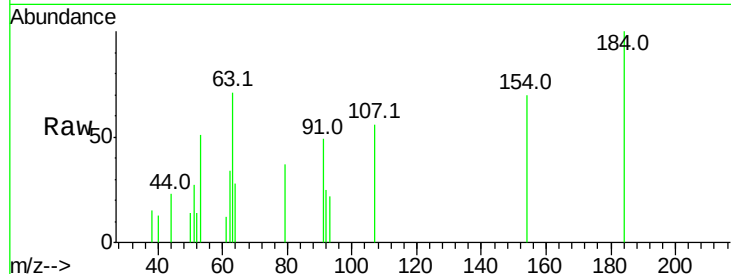
#53
2,4-Dinitrophenol
Concen: 9.48 ng
RT: 14.77 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tot Ion	Ratio	Lower	Upper
184	100		
63	70.9	67.5	101.3
154	69.5	62.4	93.6

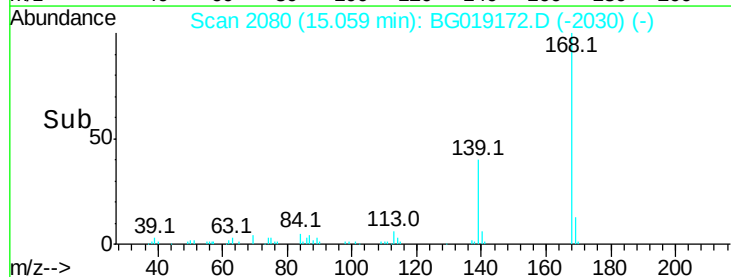
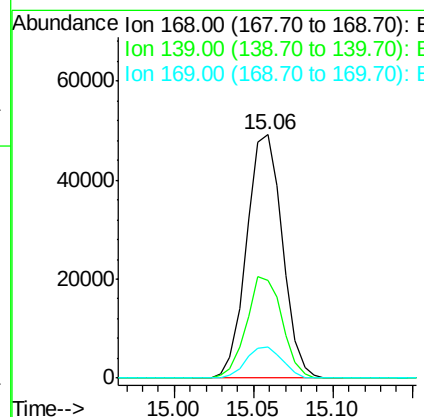
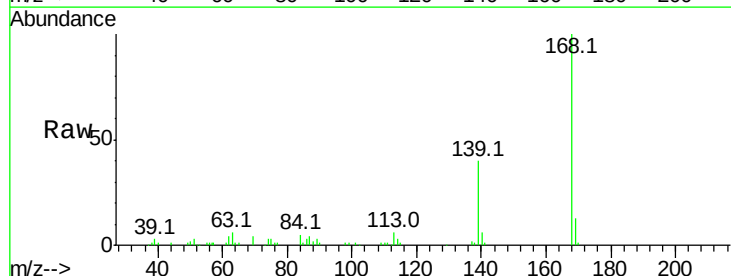
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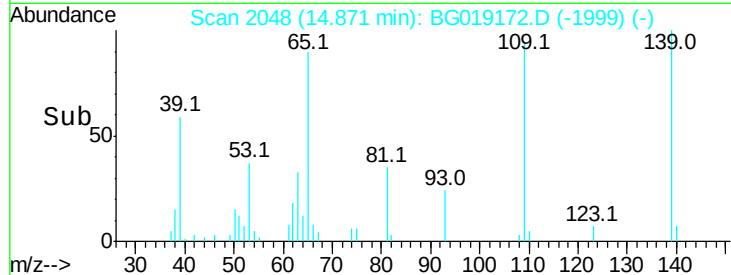
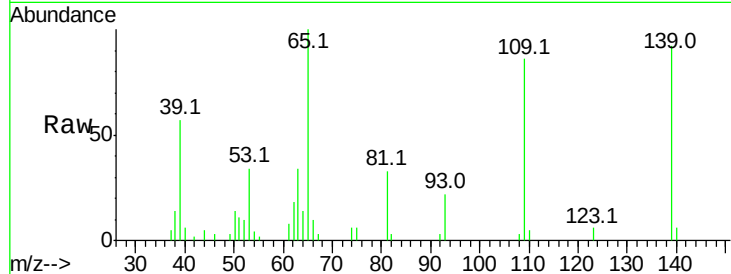
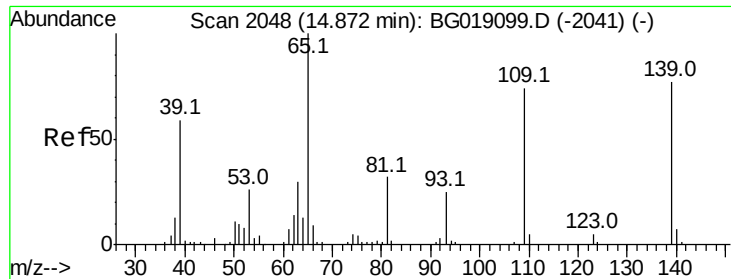
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#54
Dibenzofuran
Concen: 15.15 ng
RT: 15.06 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.1	34.2	51.4
169	12.9	11.4	17.0





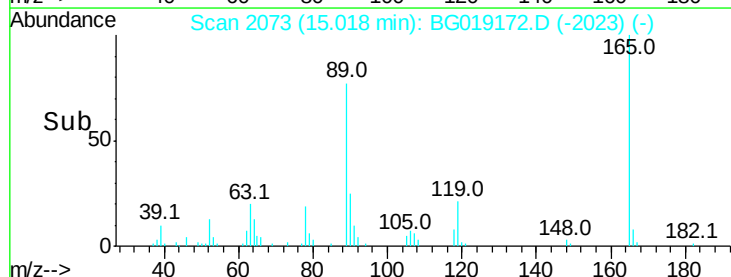
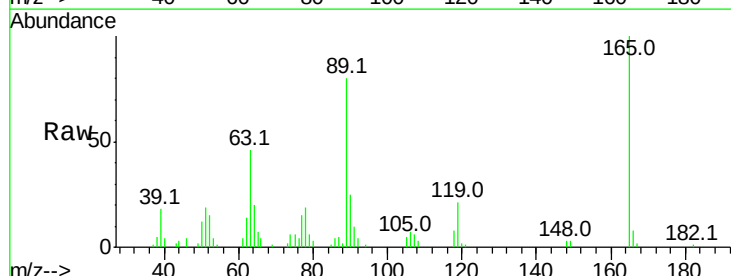
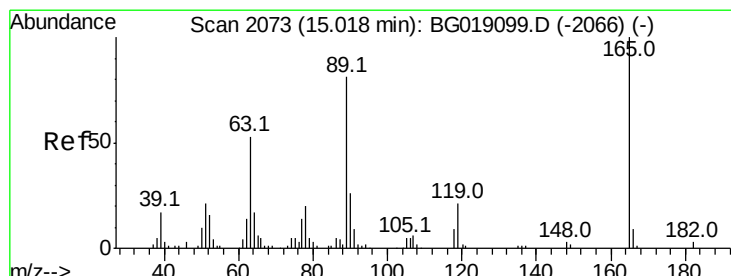
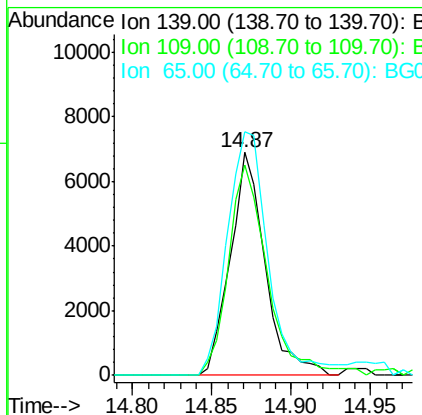
#55
4-Nitrophenol
Concen: 12.87 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tot Ion	Ratio	Lower	Upper
139	100		
109	94.3	76.8	116.8
65	109.2	110.0	150.0#

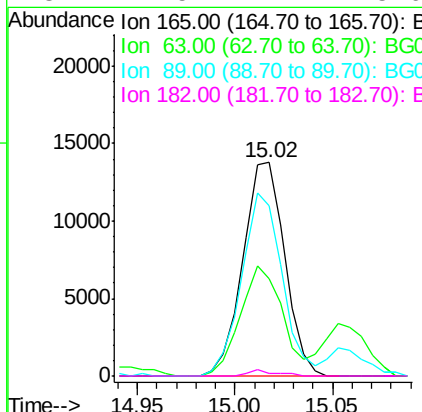
Manual Integrations
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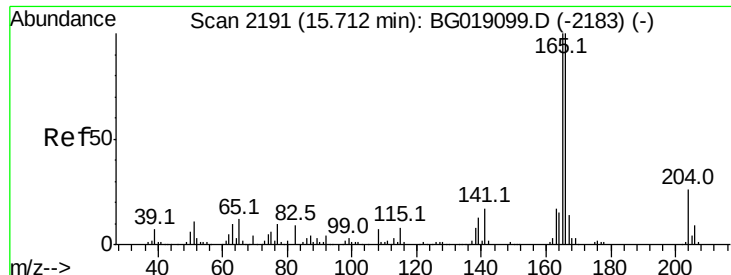
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#56
2,4-Dinitrotoluene
Concen: 14.31 ng
RT: 15.02 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.5	42.2	63.2
89	79.6	64.8	97.2
182	1.5	2.4	3.6#





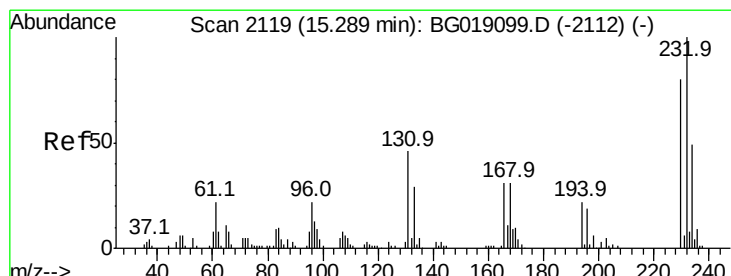
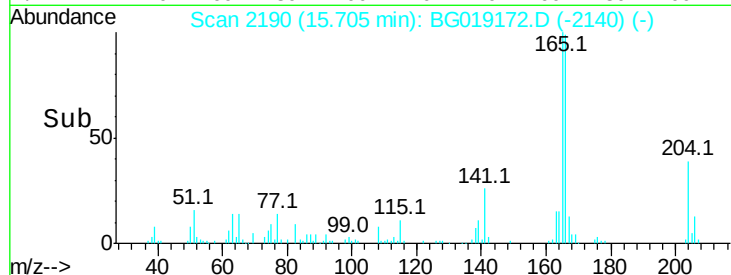
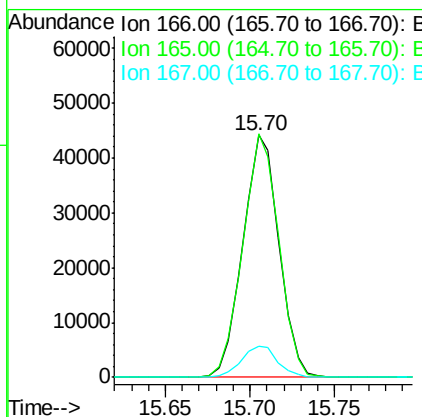
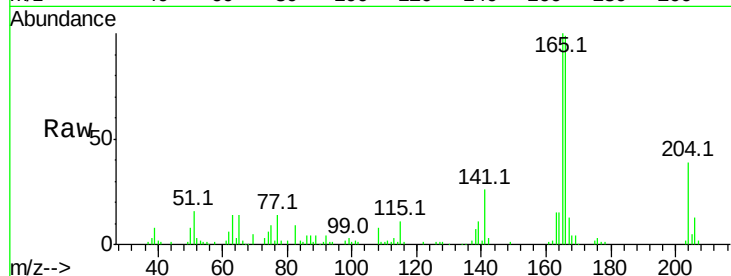
#57
 Fluorene
 Concen: 14.87 ng
 RT: 15.70 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.7	80.2	120.2
167	12.9	11.4	17.0

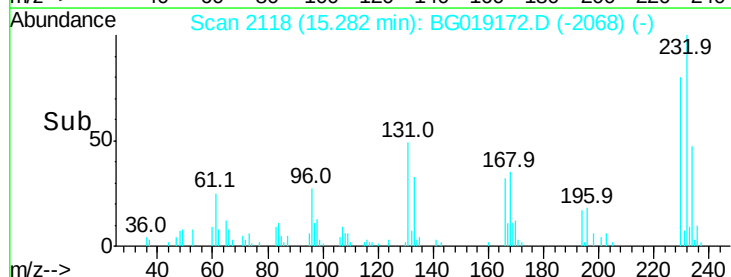
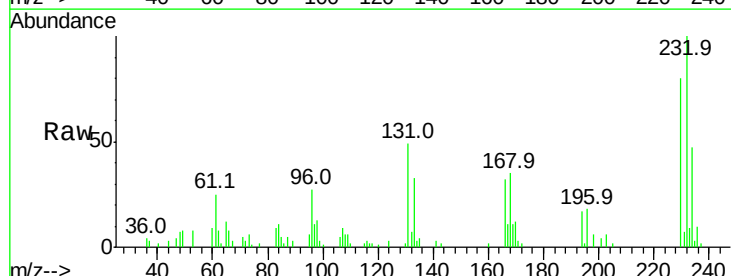
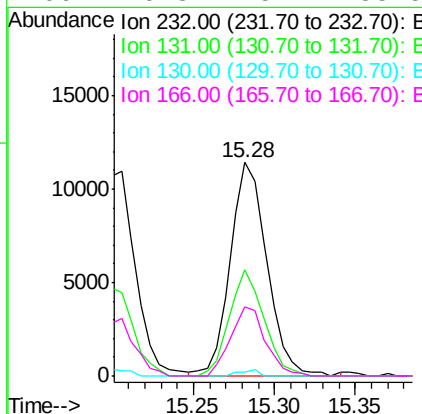
Manual Integrations
 APPROVED

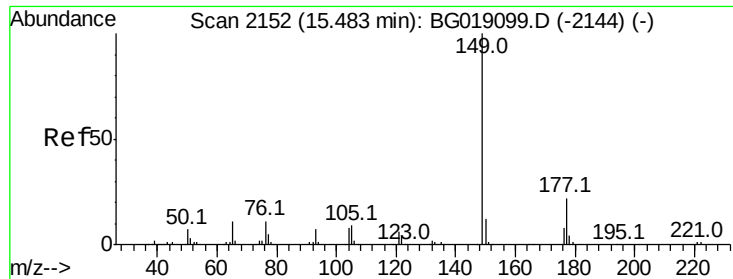
MMdadoda
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 15.35 ng m
 RT: 15.28 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.4	36.5	54.7
130	2.6	2.3	3.5
166	26.3	25.7	38.5





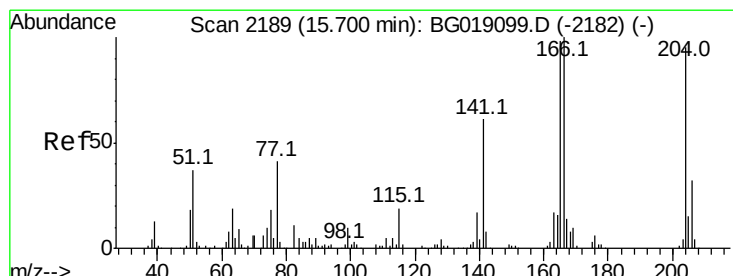
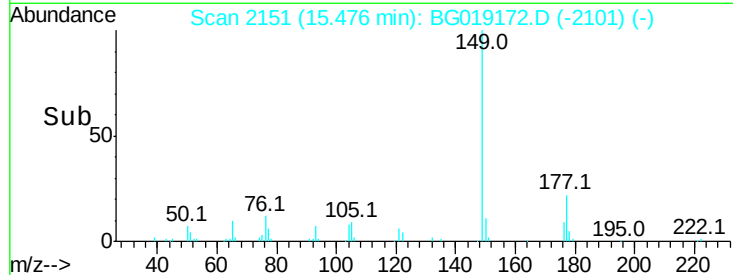
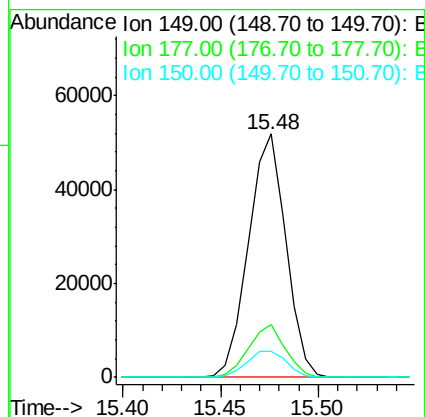
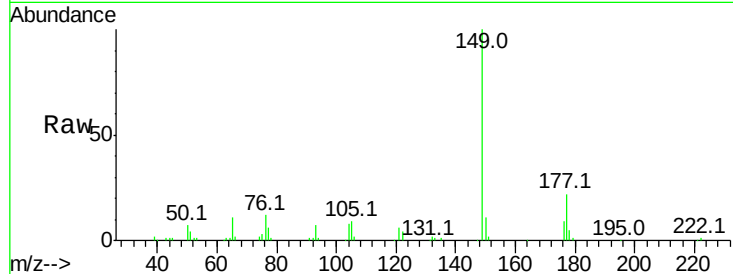
#59
Diethylphthalate
Concen: 14.38 ng
RT: 15.48 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.7	26.5
150	10.8	9.4	14.2

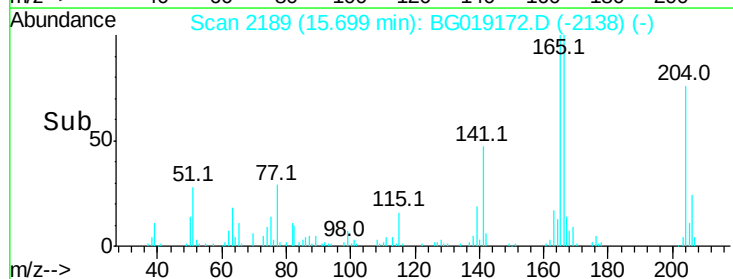
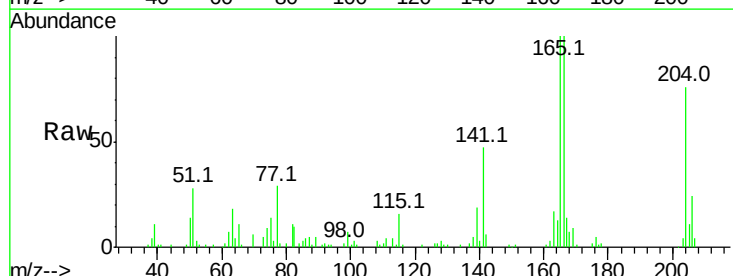
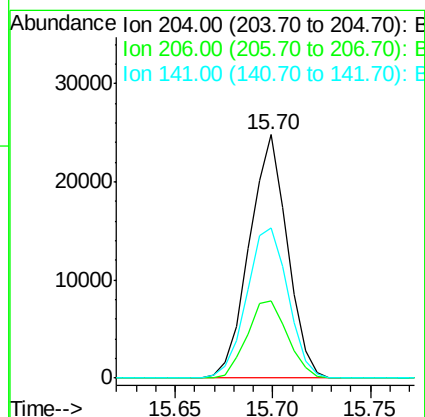
Manual Integrations
APPROVED

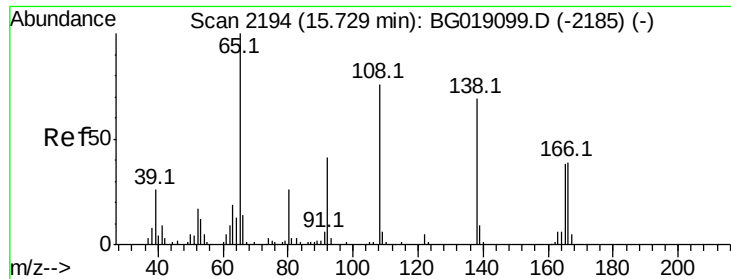
MMdadoda
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#60
4-Chlorophenyl-phenylether
Concen: 14.83 ng
RT: 15.70 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.6	27.0	40.4
141	61.6	51.9	77.9





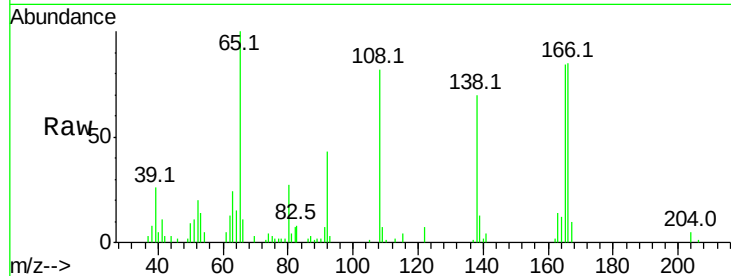
#61
4-Nitroaniline
Concen: 13.55 ng
RT: 15.72 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tot Ion	Ratio	Lower	Upper
138	100		
92	61.0	39.0	79.0
108	116.9	90.8	130.8

Manual Integrations
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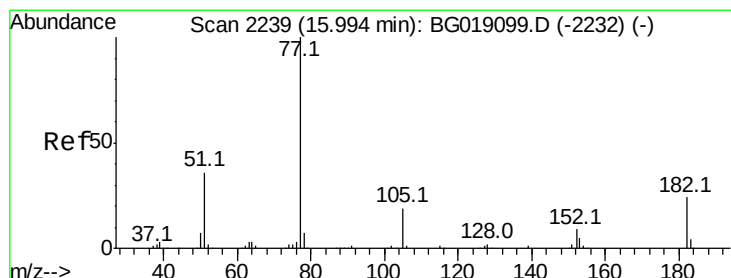
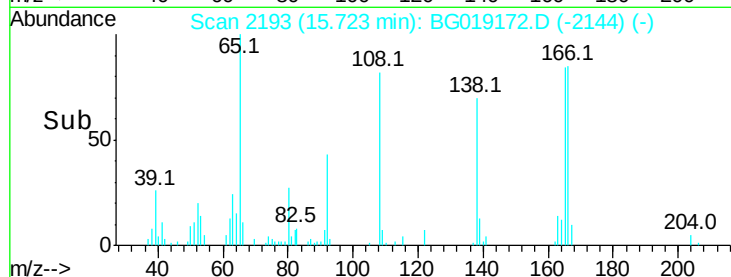
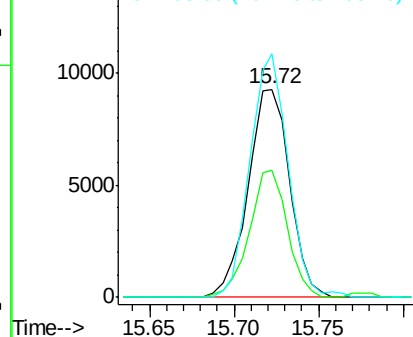


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 15.24 ng
RT: 15.99 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.8	4.4	44.4
105	19.3	0.0	39.1
51	39.1	15.9	55.9

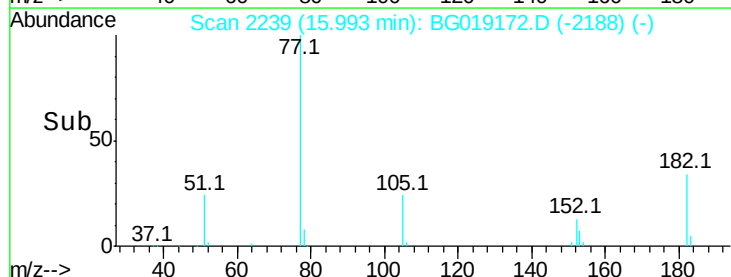
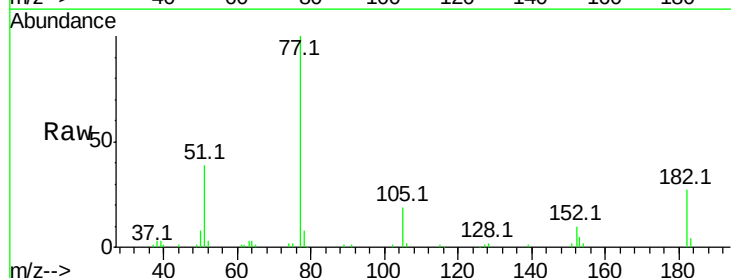
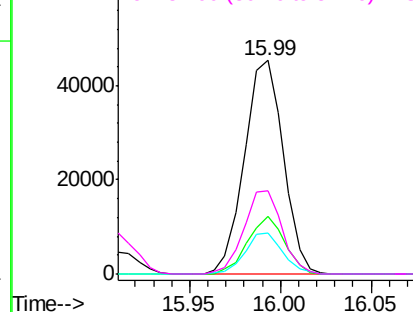
Abundance

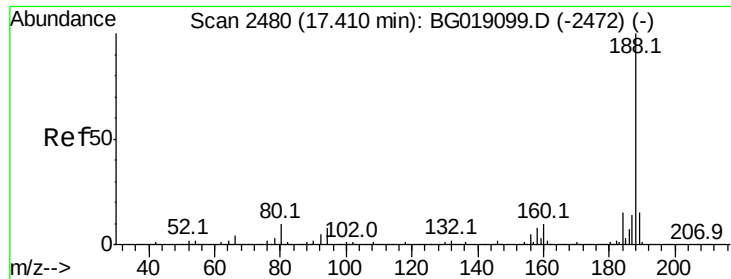
Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





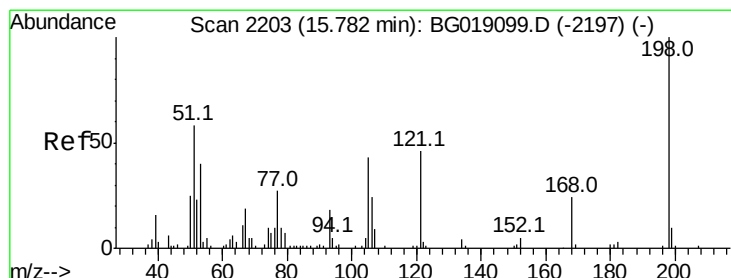
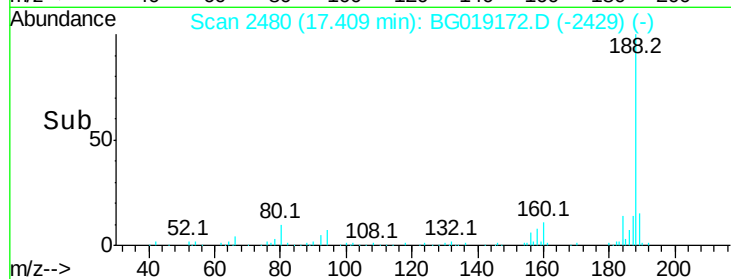
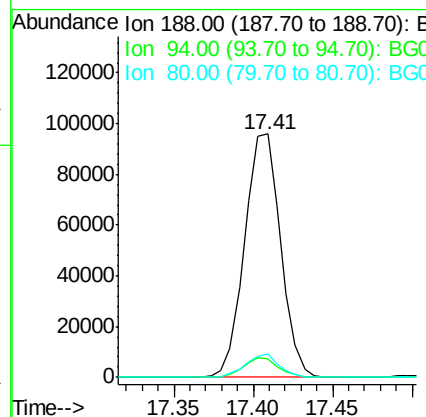
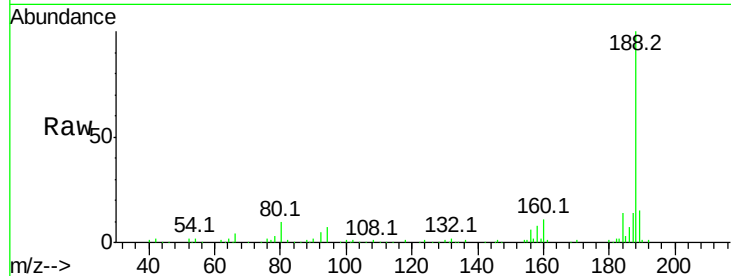
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tot Ion	Ratio	Resp	Lower	Upper
188	100	150970		
94	7.4		6.4	9.6
80	9.6		7.6	11.4

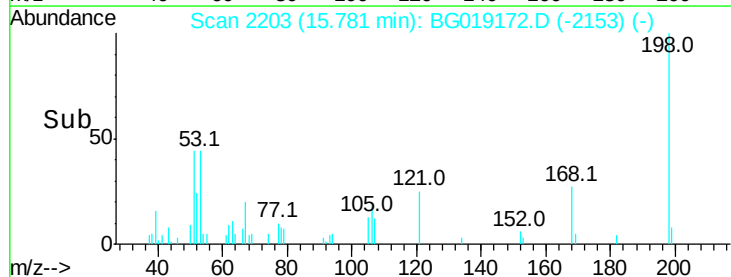
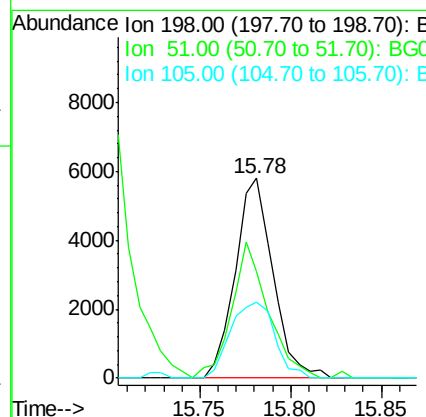
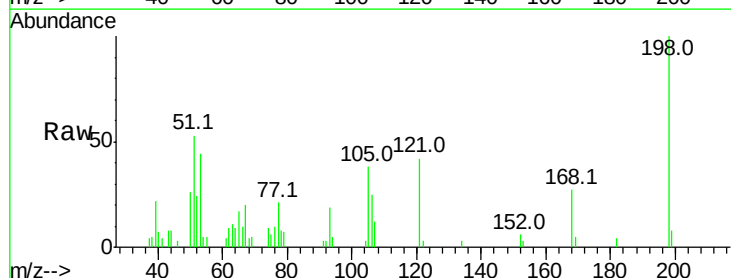
Manual Integrations
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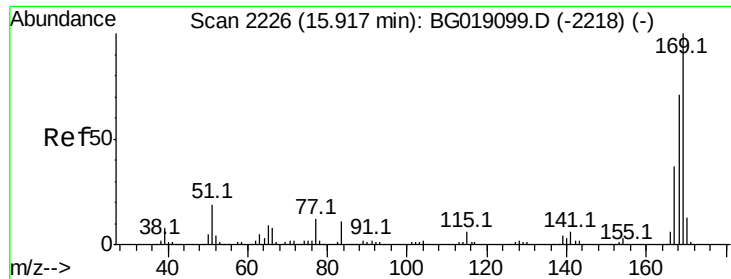
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#64
4,6-Dinitro-2-methylphenol
Concen: 10.17 ng
RT: 15.78 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	8382		
51	53.1		40.1	80.1
105	38.2		23.4	63.4





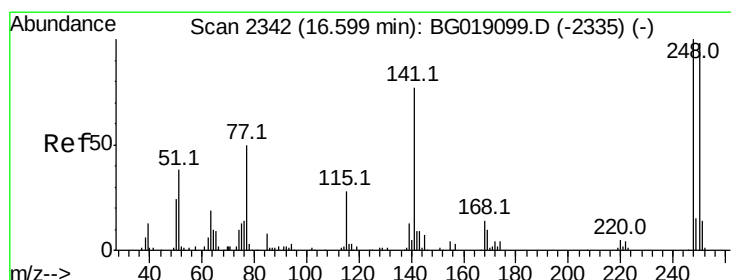
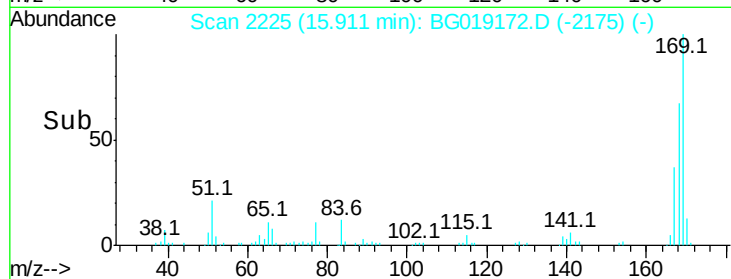
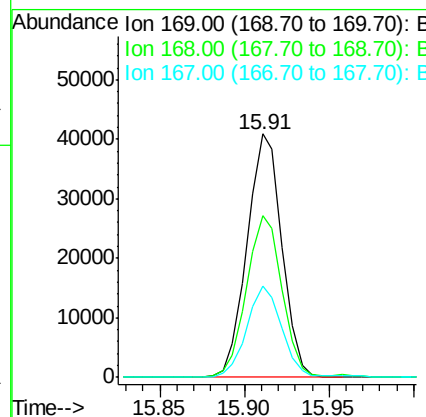
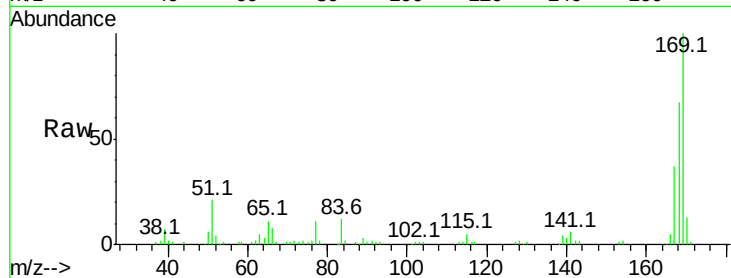
#65
 n-Nitrosodiphenylamine
 Concen: 14.04 ng
 RT: 15.91 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.7	56.6	84.8	
167	37.4	30.0	45.0	

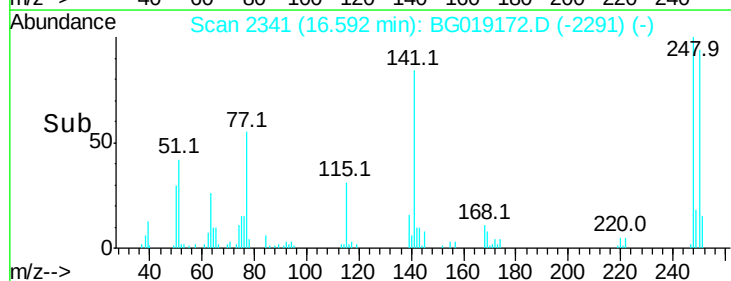
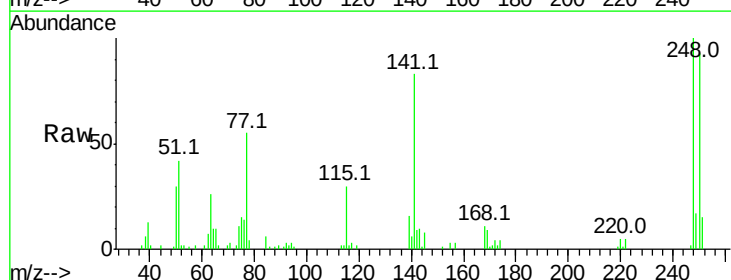
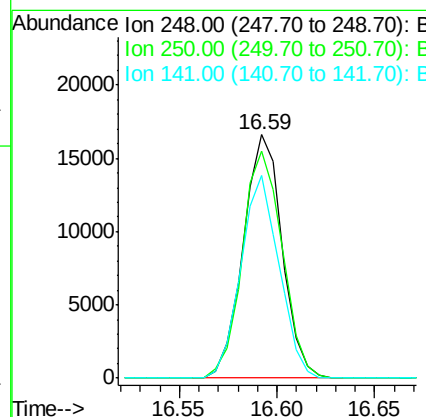
Manual Integrations
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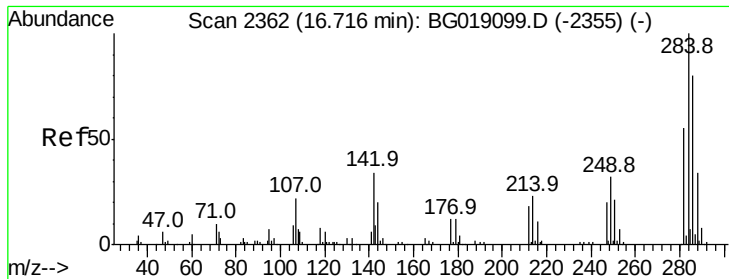
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#66
 4-Bromophenyl-phenylether
 Concen: 14.92 ng
 RT: 16.59 min Scan# 2341
 Delta R.T. -0.01 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	93.2	78.4	117.6	
141	83.4	61.7	92.5	





#67

Hexachlorobenzene

Concen: 14.66 ng

RT: 16.72 min Scan# 2362

Delta R.T. -0.00 min

Lab File: BG019172.D

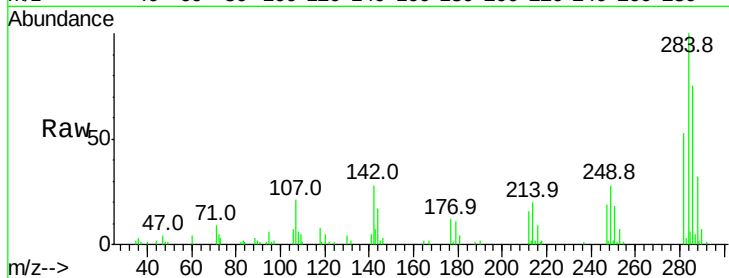
Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

ClientSampleId :

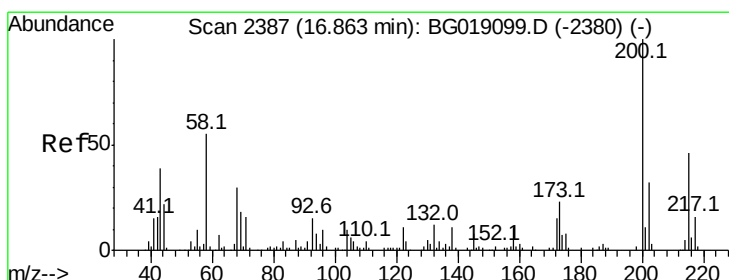
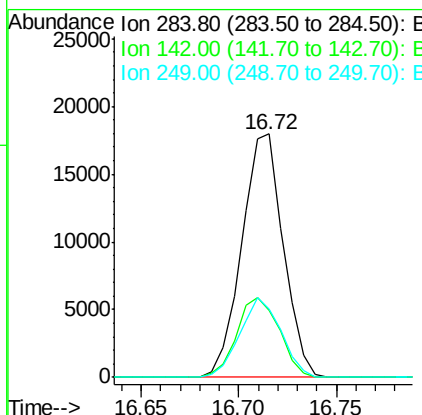
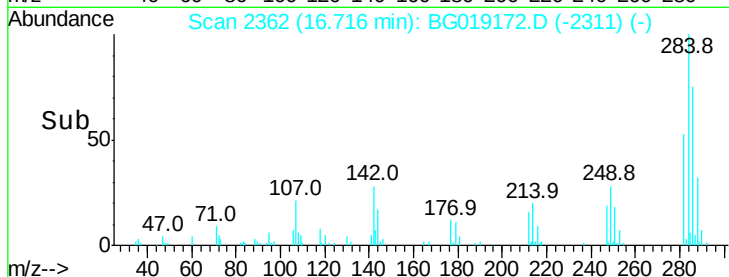
LOQ-SOIL2015-02



Tot Ion	Ratio	Lower	Upper
284	100		
142	27.6	27.0	40.4
249	27.9	25.4	38.2

Manual Integrations
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#68

Atrazine

Concen: 14.50 ng

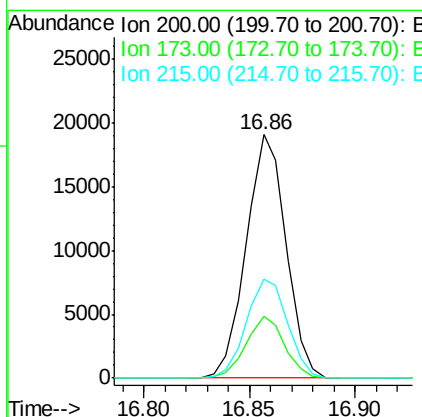
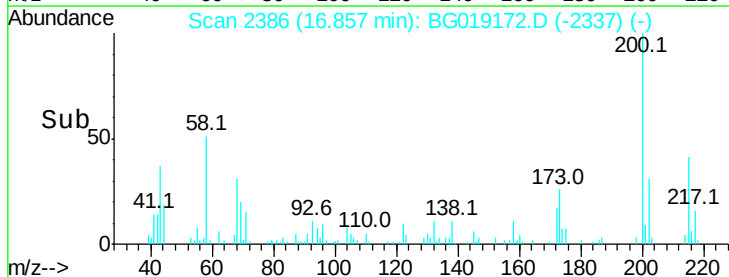
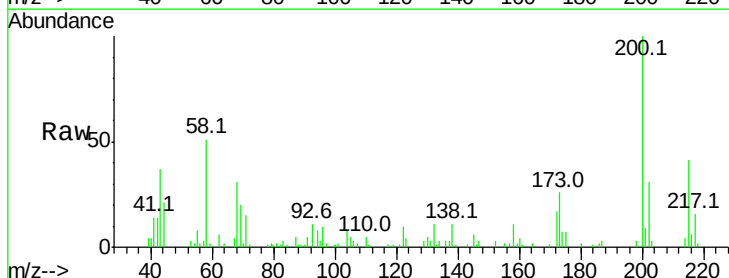
RT: 16.86 min Scan# 2386

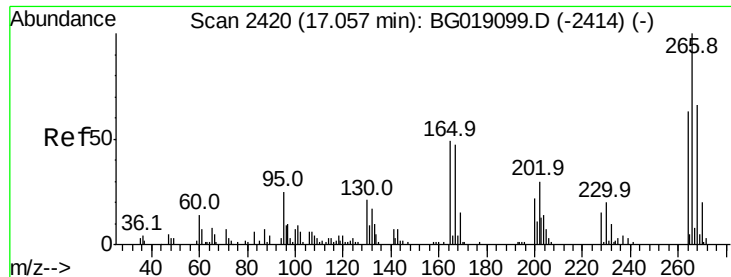
Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.5	3.3	43.3
215	40.6	26.4	66.4





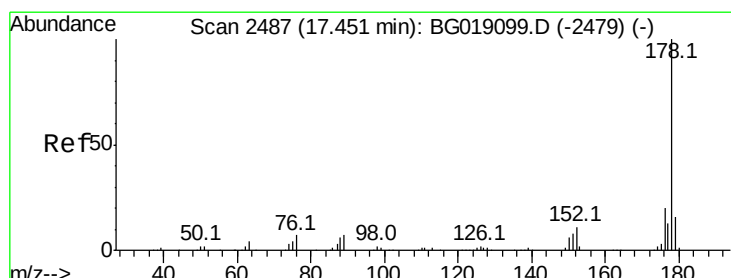
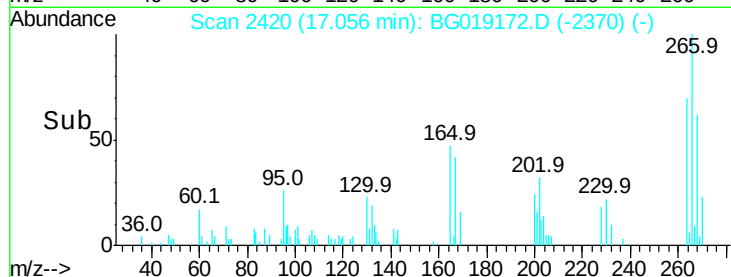
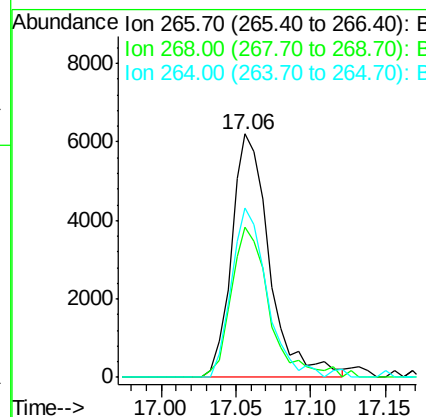
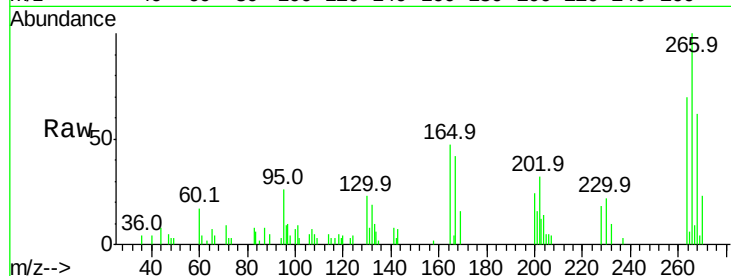
#69
 Pentachlorophenol
 Concen: 11.72 ng
 RT: 17.06 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

Tot Ion	Ratio	Resp	Lower	Upper
266	100	11008		
268	61.8	53.0	79.4	
264	69.6	50.1	75.1	

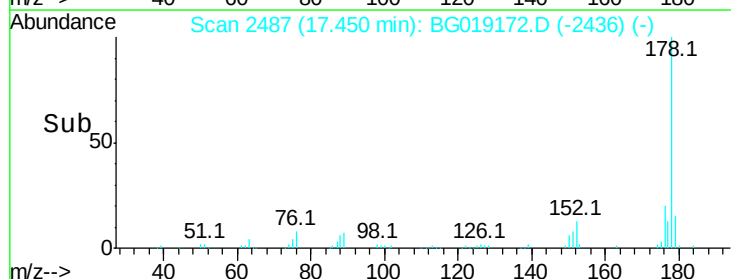
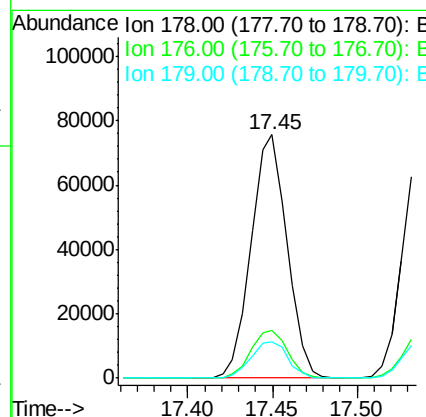
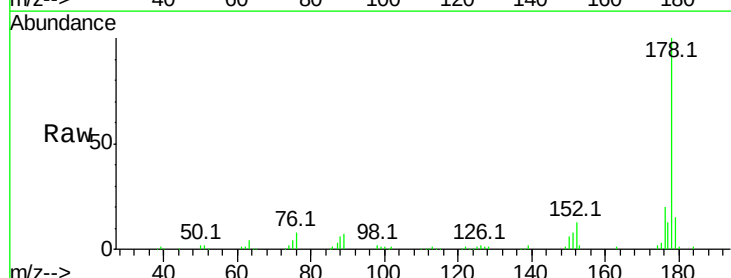
Manual Integrations
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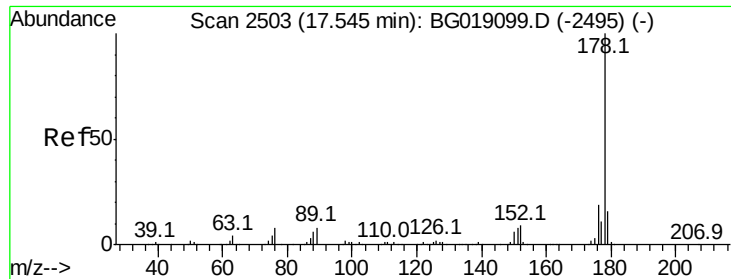
MMdadoda
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#70
 Phenanthrene
 Concen: 14.38 ng
 RT: 17.45 min Scan# 2487
 Delta R.T. -0.00 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	111746		
176	19.5	16.3	24.5	
179	14.9	12.8	19.2	





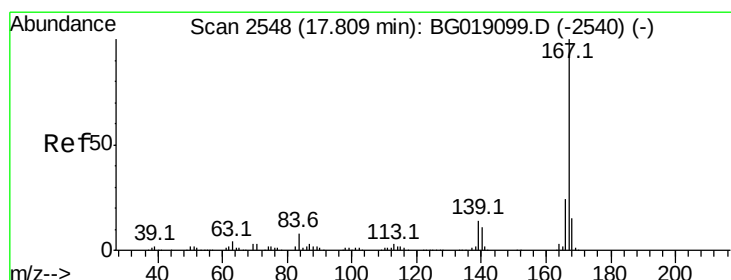
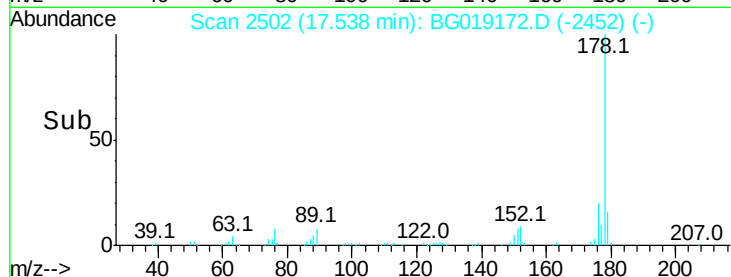
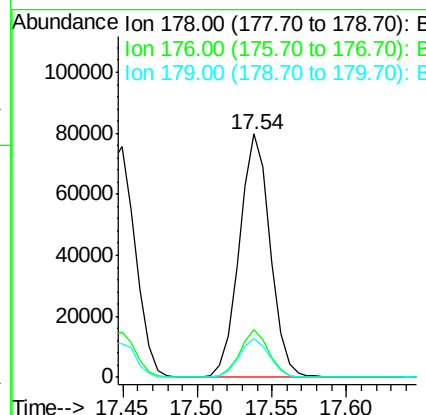
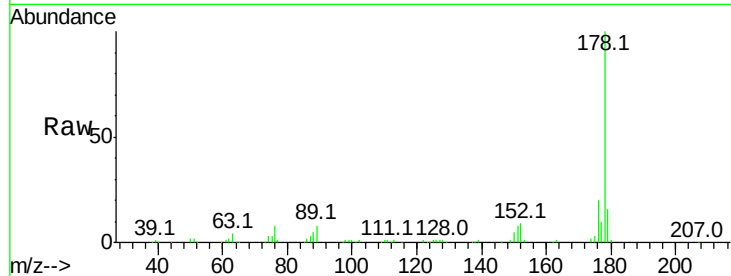
#71
 Anthracene
 Concen: 14.74 ng
 RT: 17.54 min Scan# 2502
 Delta R.T. -0.01 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.9	12.9	19.3

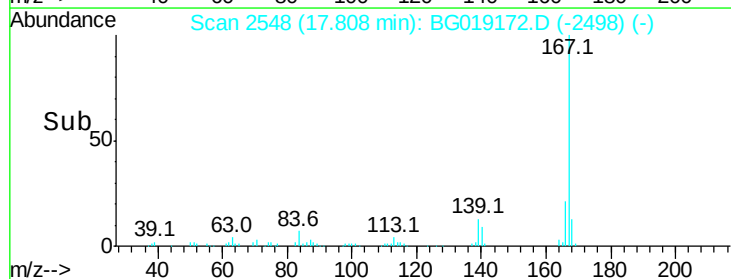
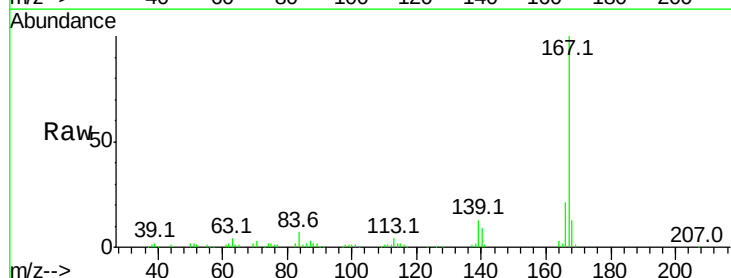
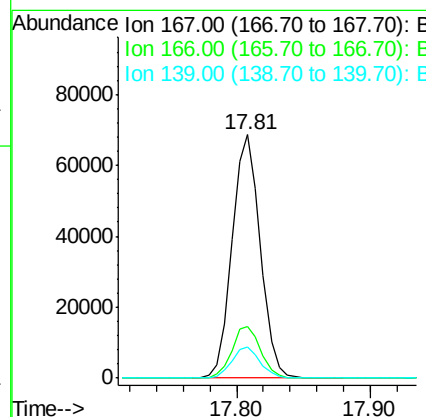
Manual Integrations
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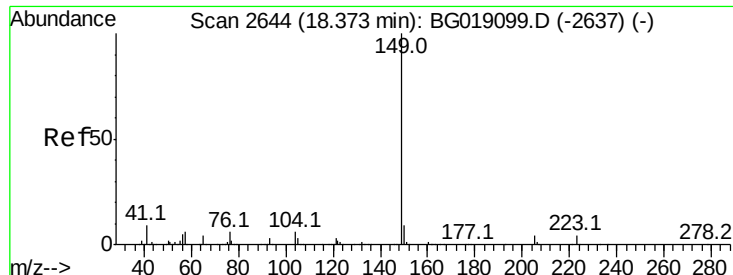
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#72
 Carbazole
 Concen: 13.92 ng
 RT: 17.81 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	19.1	28.7
139	12.8	11.2	16.8





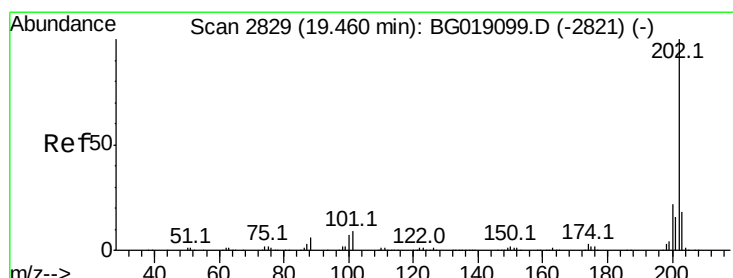
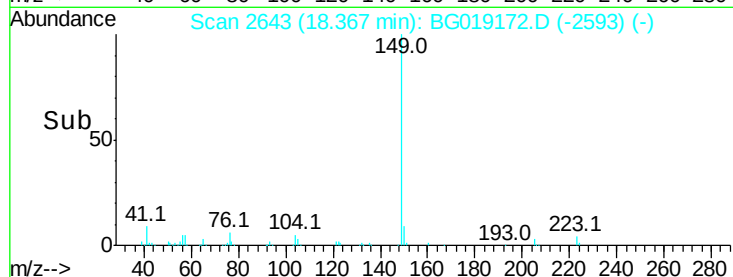
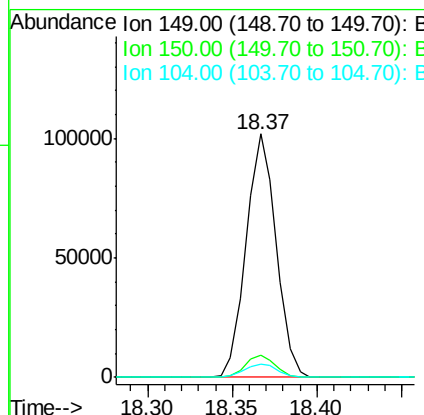
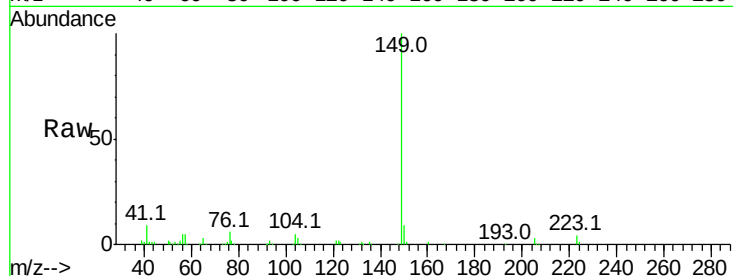
#73
Di-n-butylphthalate
Concen: 14.15 ng
RT: 18.37 min Scan# 2643
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.2	7.5	11.3
104	5.5	5.0	7.6

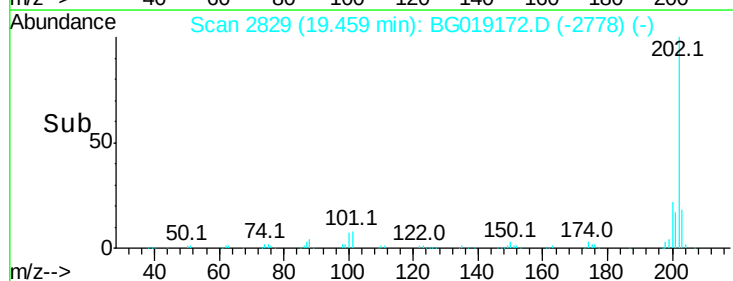
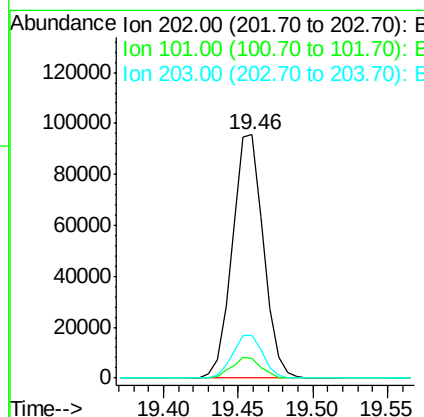
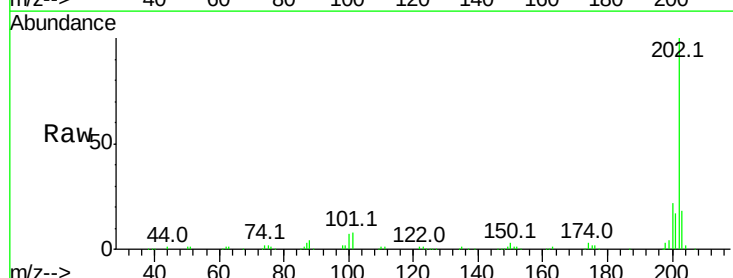
Manual Integrations
APPROVED

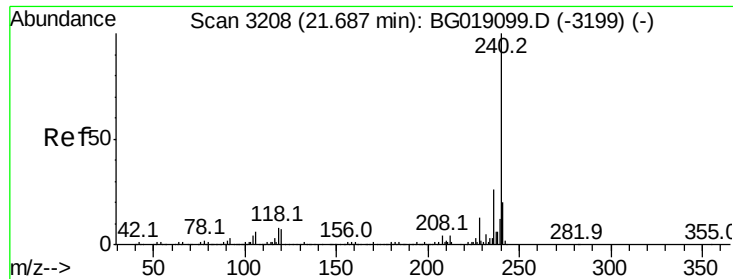
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#74
Fluoranthene
Concen: 13.92 ng
RT: 19.46 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.0	0.0	28.9
203	17.8	0.0	38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.68 min Scan# 3207

Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

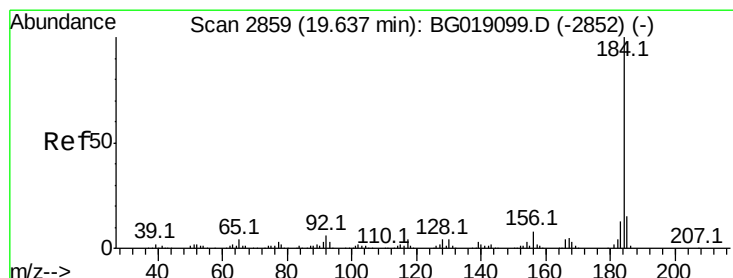
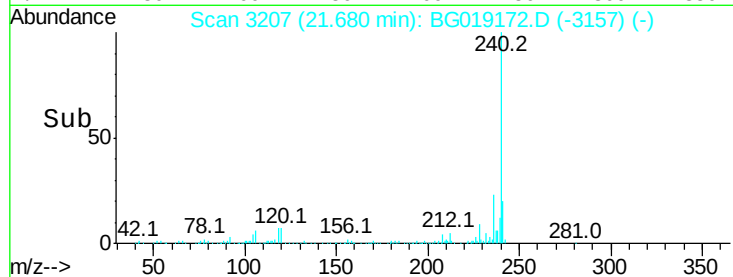
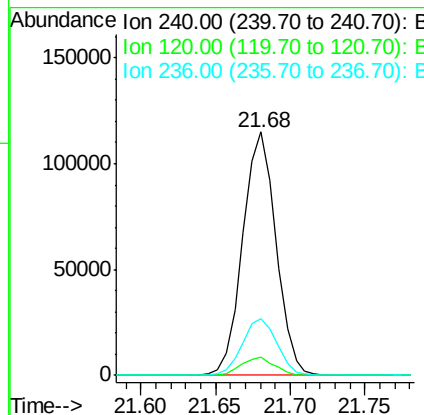
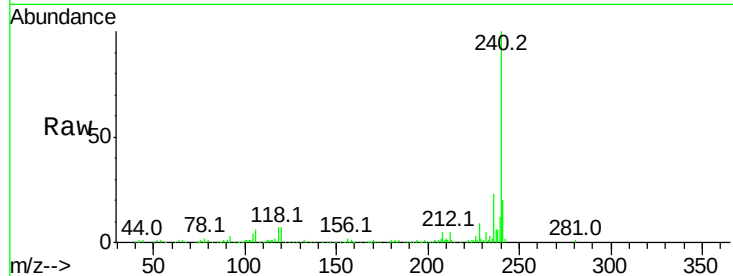
ClientSampleId :

LOQ-SOIL2015-02

Tot Ion:	240	Resp:	177509
Ion Ratio	Lower	Upper	
240	100		
120	7.3	5.8	8.6
236	23.5	21.2	31.8

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#76

Benzidine

Concen: 4.58 ng

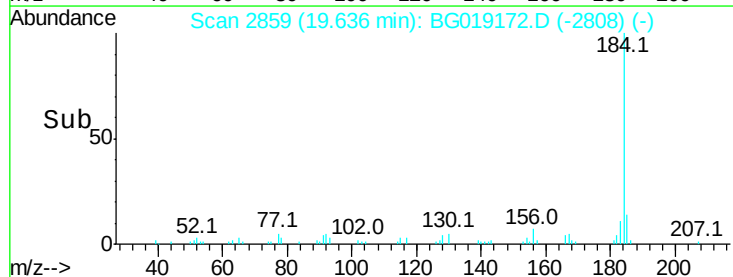
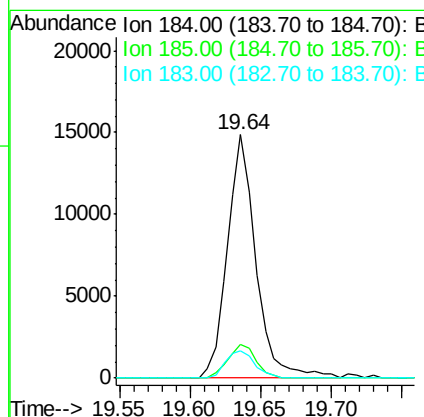
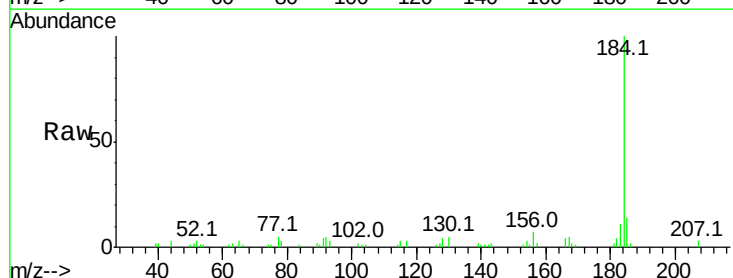
RT: 19.64 min Scan# 2859

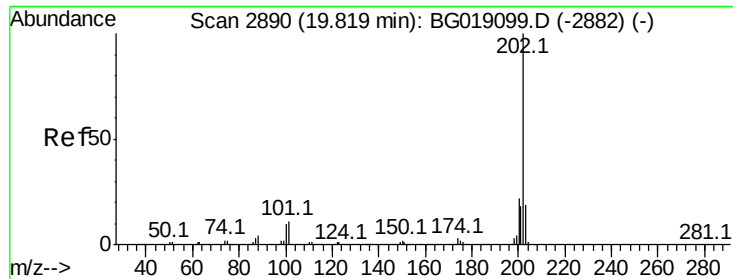
Delta R.T. -0.00 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Tgt Ion:	184	Resp:	20875
Ion Ratio	Lower	Upper	
184	100		
185	13.6	11.9	17.9
183	11.2	10.1	15.1





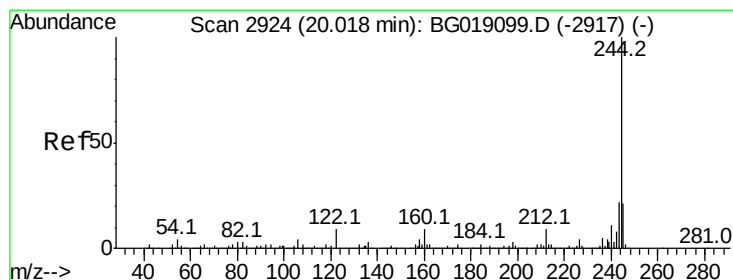
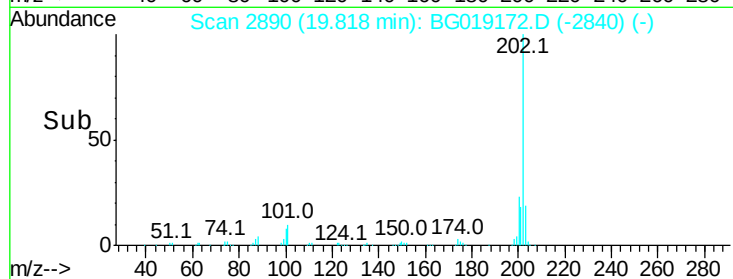
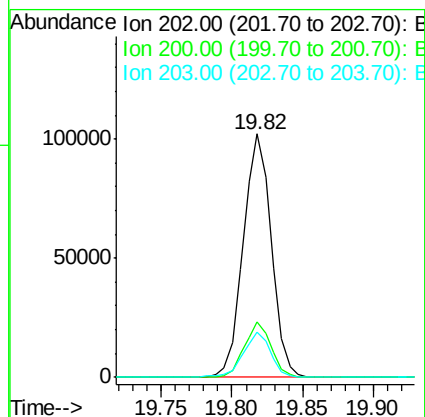
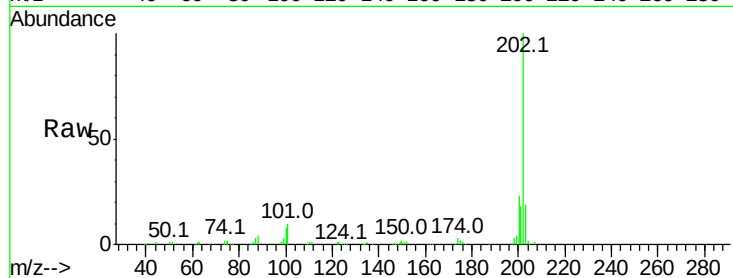
#77
Pvrene
Concen: 14.30 ng
RT: 19.82 min Scan# 2890
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tot Ion:	202	Resp:	142140
Ion Ratio		Lower	Upper
202	100		
200	22.7	17.4	26.2
203	18.5	14.8	22.2

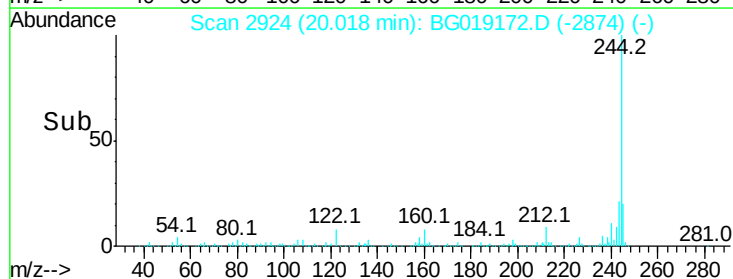
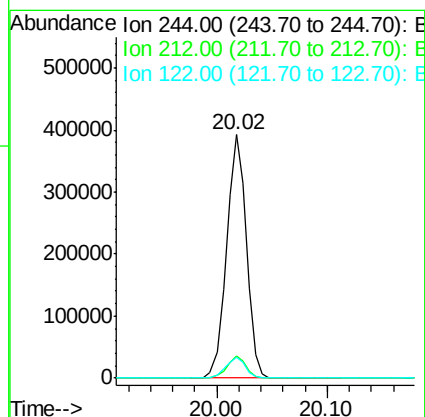
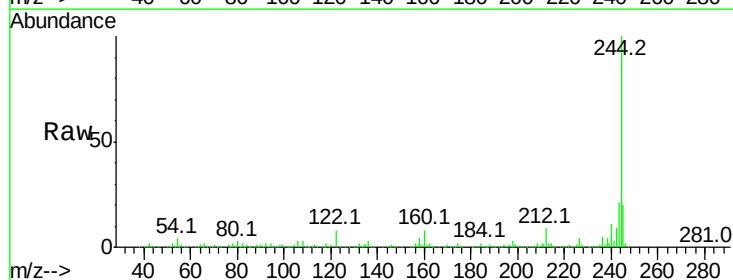
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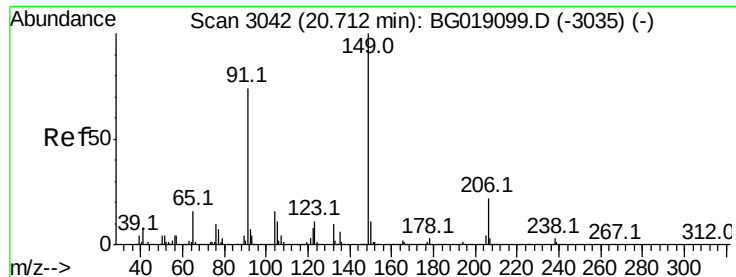
MMdadoda
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#78
Terphenyl-d14
Concen: 73.04 ng
RT: 20.02 min Scan# 2924
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion:	244	Resp:	490824
Ion Ratio		Lower	Upper
244	100		
212	9.0	6.8	10.2
122	8.3	7.4	11.2





#79

Butylbenzylphthalate

Concen: 12.86 ng

RT: 20.70 min Scan# 3041

Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

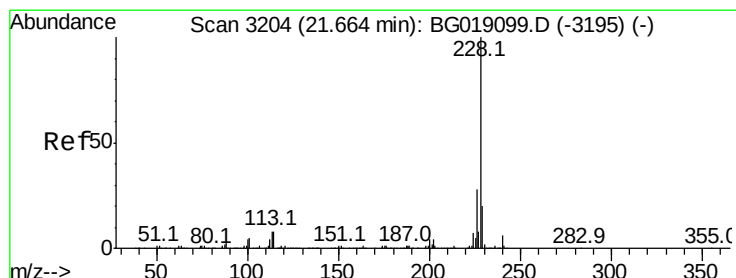
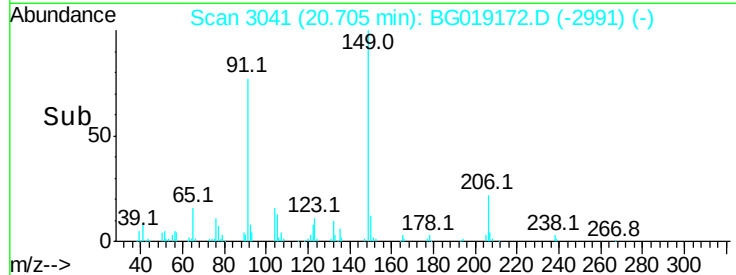
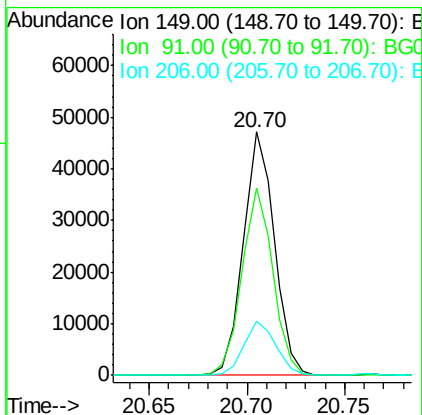
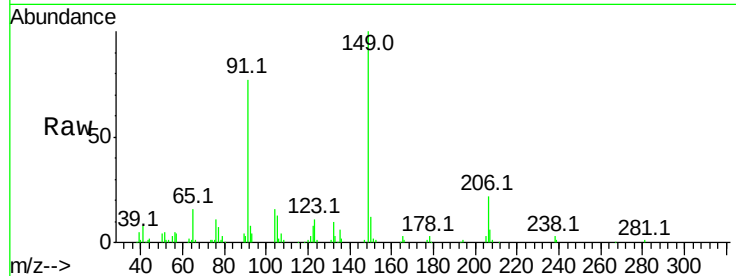
ClientSampleId :

LOQ-SOIL2015-02

Tot Ion:	149	Resp:	52101
Ion Ratio	Lower	Upper	
149	100		
91	77.0	59.2	88.8
206	22.5	17.5	26.3

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#80

Benzo(a)anthracene

Concen: 14.08 ng

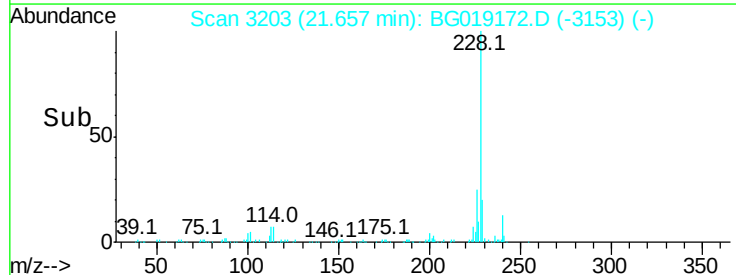
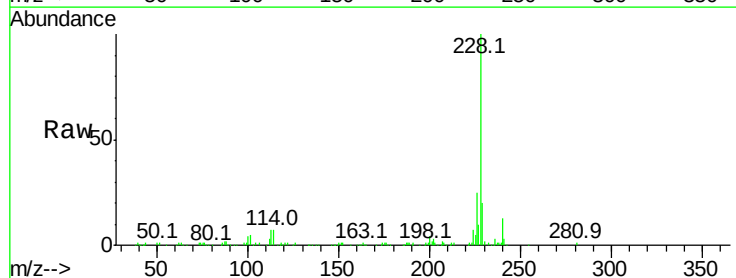
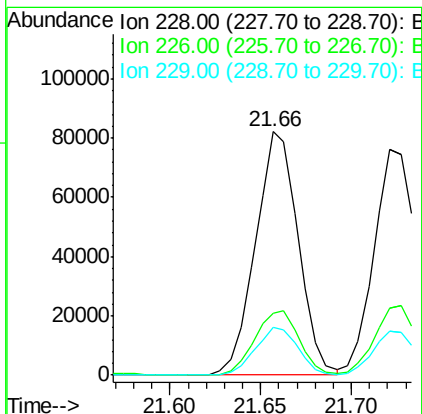
RT: 21.66 min Scan# 3203

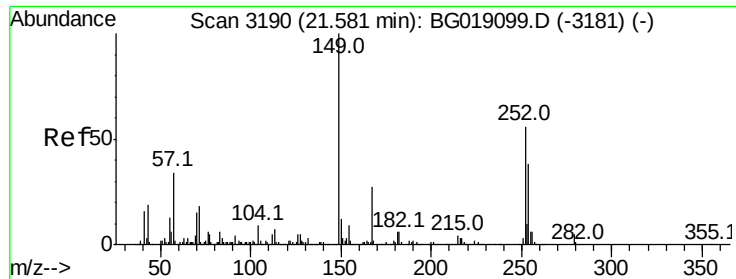
Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Tgt Ion:	228	Resp:	133949
Ion Ratio	Lower	Upper	
228	100		
226	25.4	22.4	33.6
229	19.6	16.2	24.2





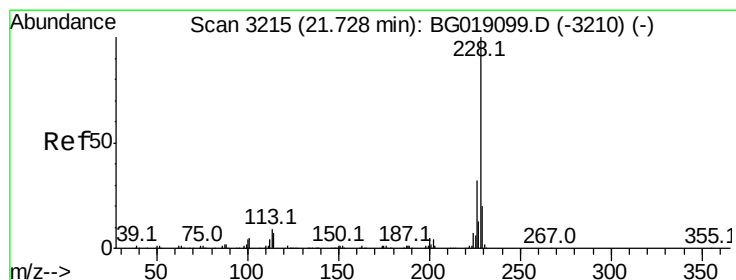
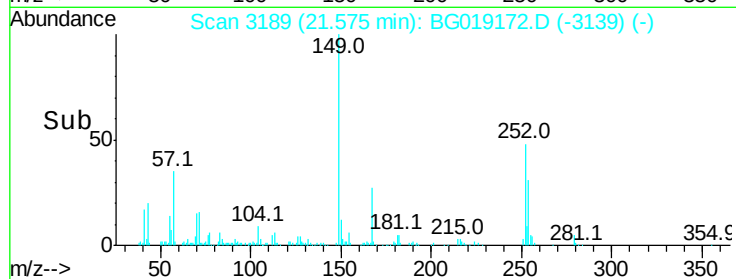
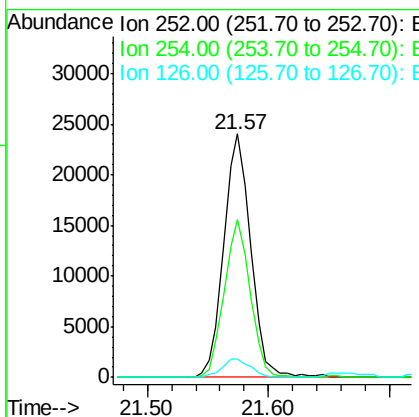
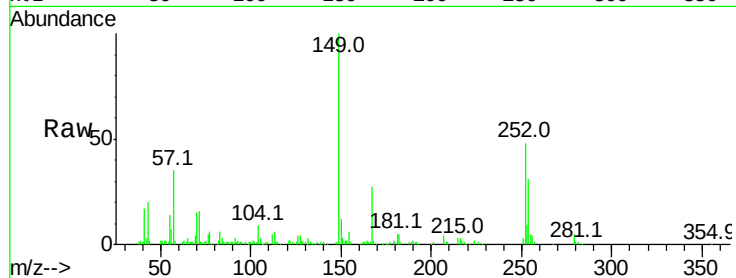
#81
 3,3'-Dichlorobenzidine
 Concen: 10.59 ng
 RT: 21.57 min Scan# 3189
 Delta R.T. -0.01 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	53.9	80.9
126	7.6	7.0	10.6

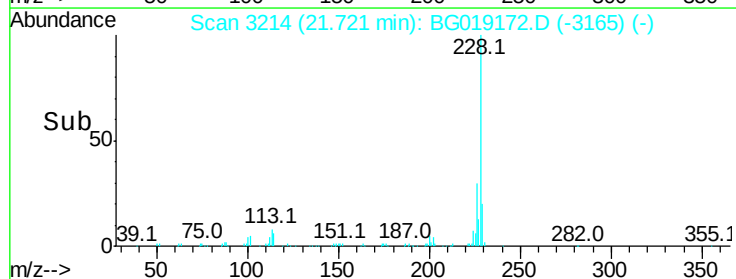
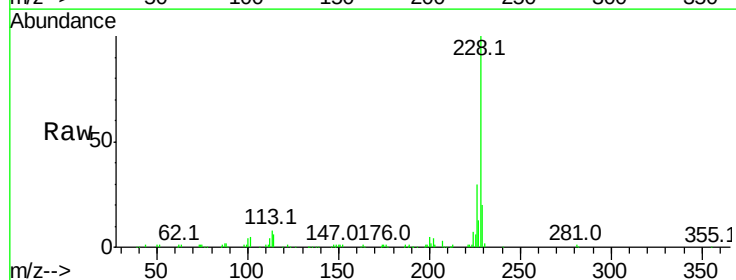
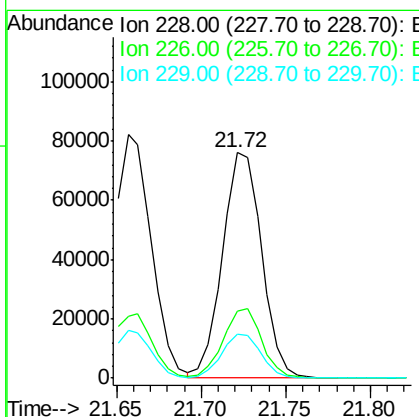
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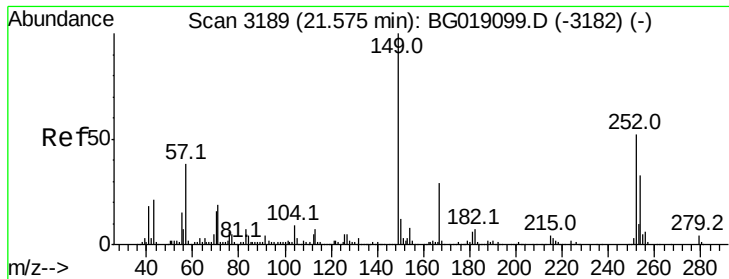
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#82
 Chrysene
 Concen: 13.62 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. -0.01 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.2	37.8
229	19.5	16.3	24.5





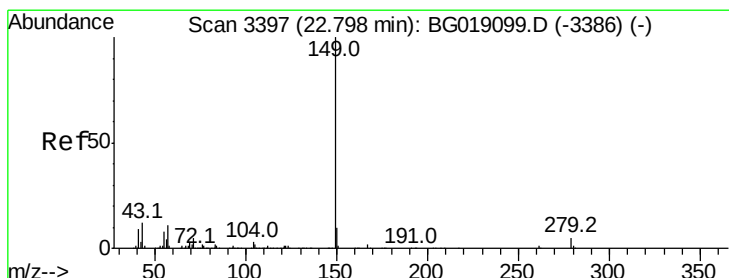
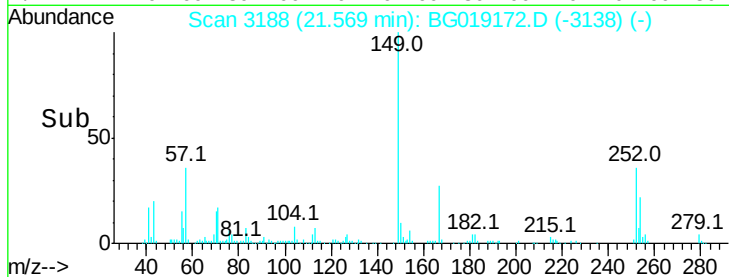
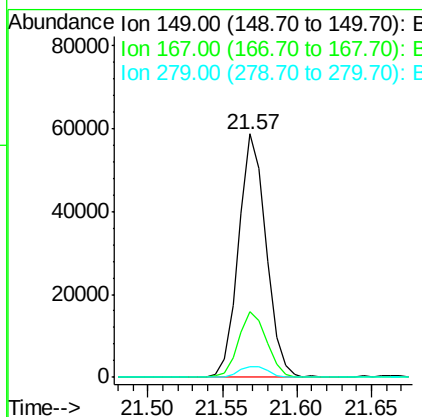
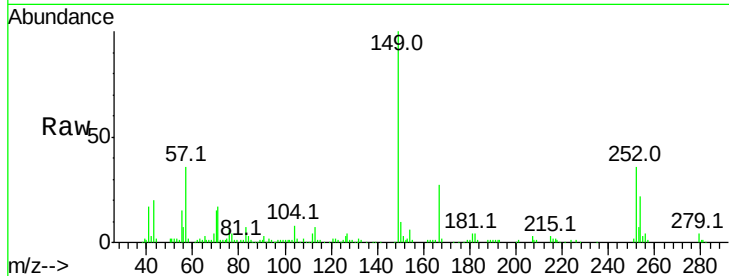
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 13.35 ng
 RT: 21.57 min Scan# 3188
 Delta R.T. -0.01 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

Tot Ion	Ratio	Resp	Lower	Upper
149	100	75113		
167	27.0		22.8	34.2
279	4.2		3.6	5.4

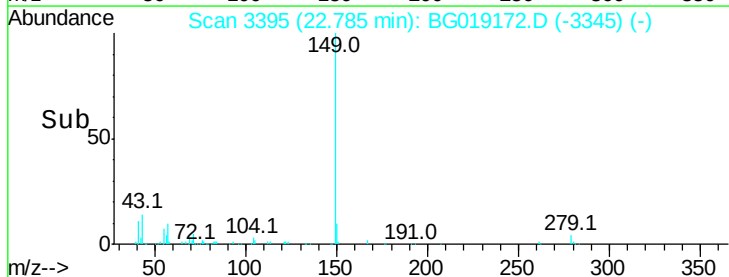
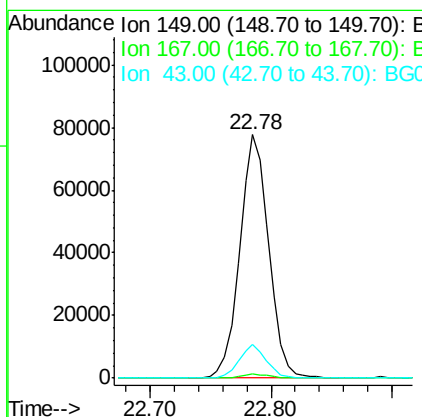
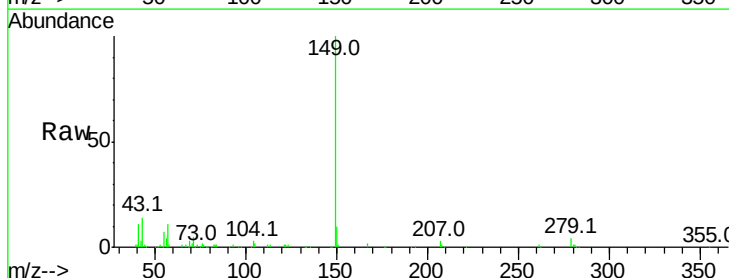
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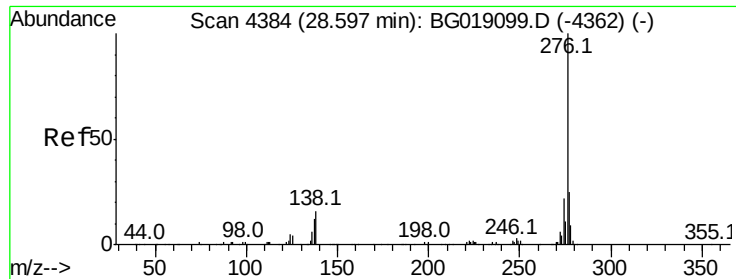
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#84
 Di-n-octyl phthalate
 Concen: 13.32 ng
 RT: 22.78 min Scan# 3395
 Delta R.T. -0.01 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	129451		
167	1.7		1.3	1.9
43	13.0		10.1	15.1





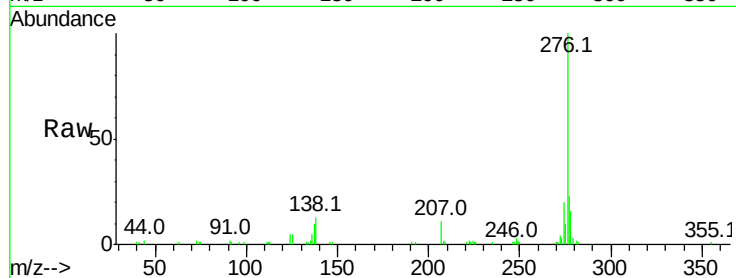
#85
Indeno(1,2,3-cd)pyrene
Concen: 13.29 ng
RT: 28.58 min Scan# 4381
Delta R.T. -0.03 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

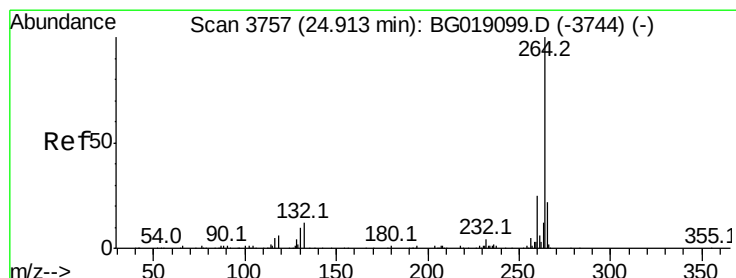
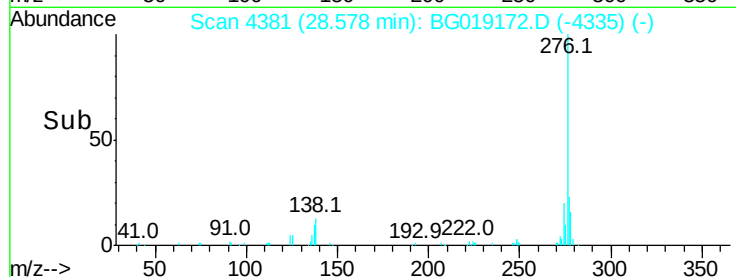
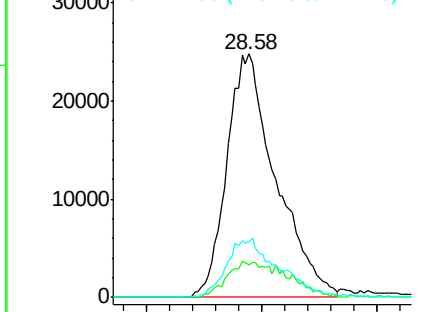
Tot Ion	Ratio	Resp	Lower	Upper
276	100	146019		
138	6.8	10.2	15.4	#
277	25.2	20.2	30.4	

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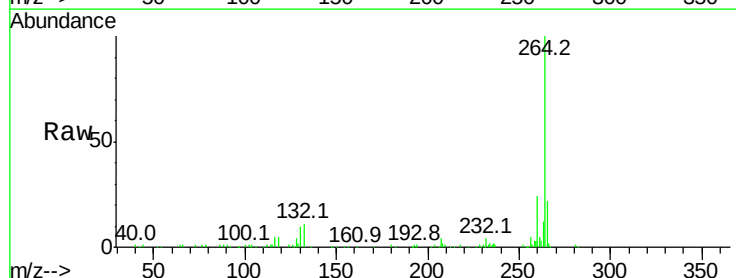


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

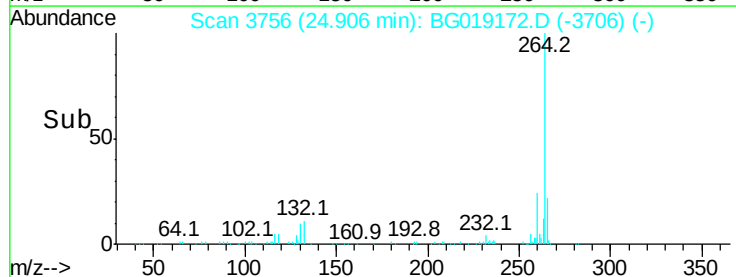
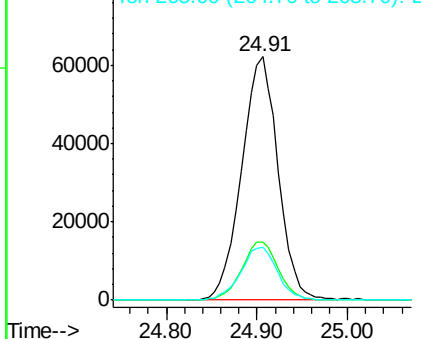


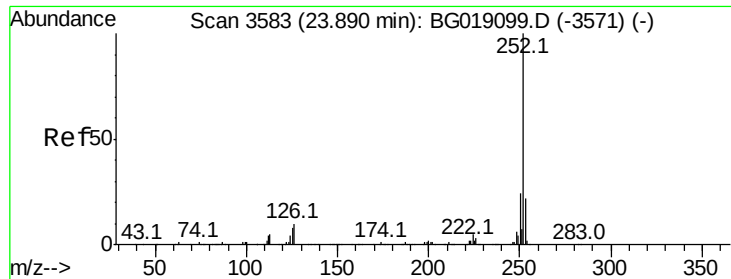
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.91 min Scan# 3756
Delta R.T. -0.01 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	172601		
260	24.0	20.1	30.1	
265	21.7	17.2	25.8	



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 14.68 ng

RT: 23.88 min Scan# 3581

Delta R.T. -0.01 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Instrument :

BNA_G

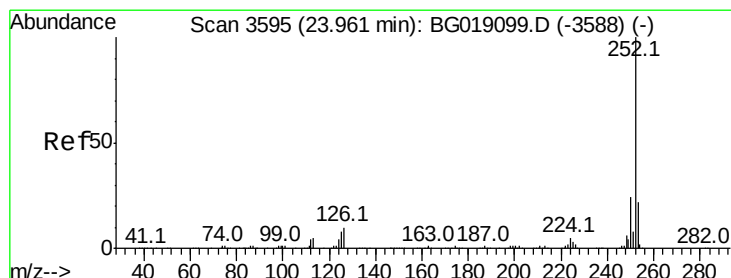
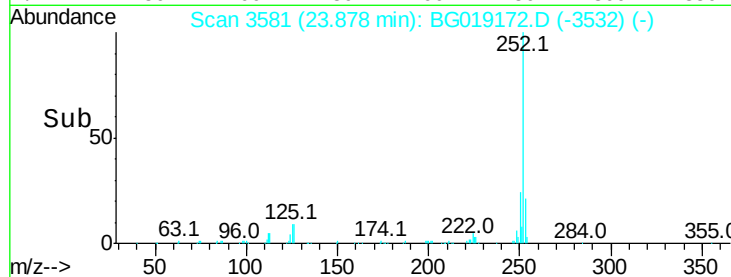
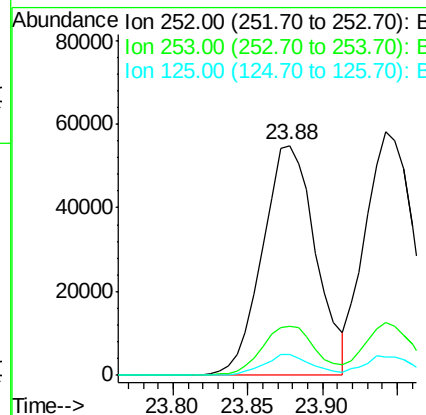
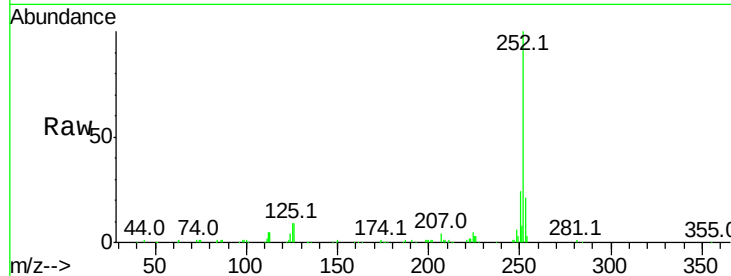
ClientSampleId :

LOQ-SOIL2015-02

Tot Ion:	252	Resp:	136254
Ion Ratio	Lower	Upper	
252	100		
253	21.1	17.5	26.3
125	8.8	6.6	9.8

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#88

Benzo(k)fluoranthene

Concen: 14.32 ng

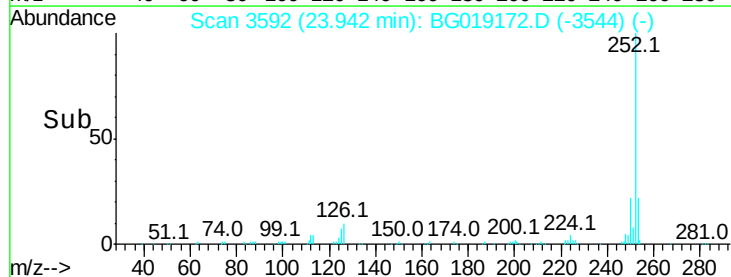
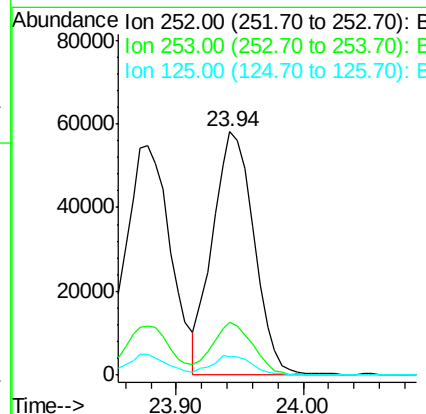
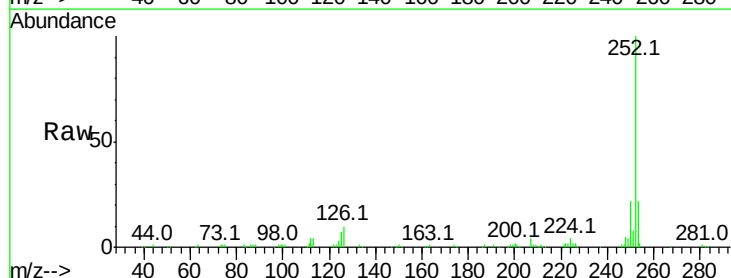
RT: 23.94 min Scan# 3592

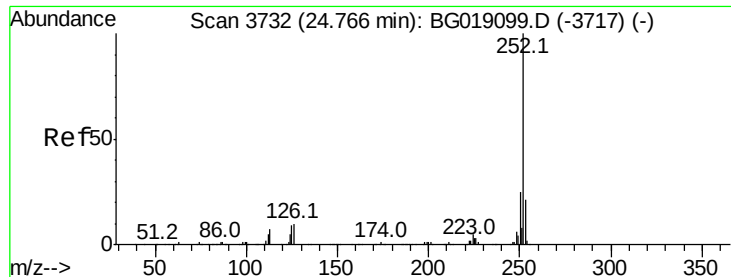
Delta R.T. -0.02 min

Lab File: BG019172.D

Acq: 13 Oct 2015 00:16

Tgt Ion:	252	Resp:	131161
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.0	25.4
125	7.5	6.4	9.6





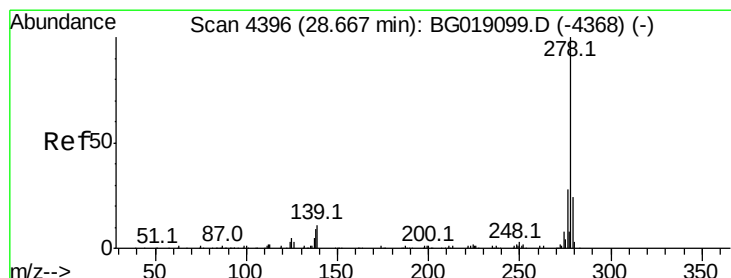
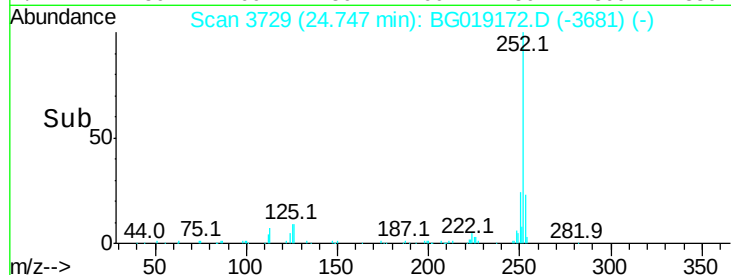
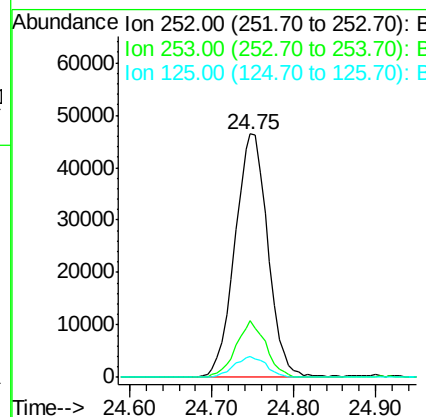
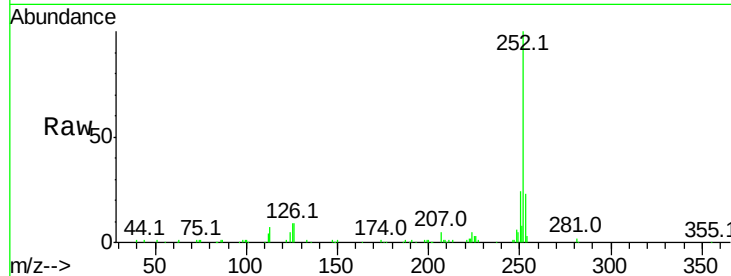
#89
Benzo(a)pyrene
Concen: 14.82 ng
RT: 24.75 min Scan# 3729
Delta R.T. -0.02 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.4
125	8.8	7.2	10.8

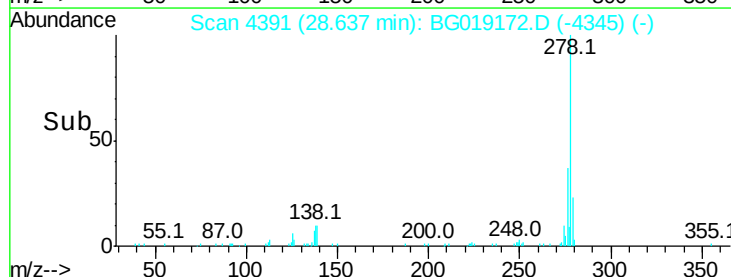
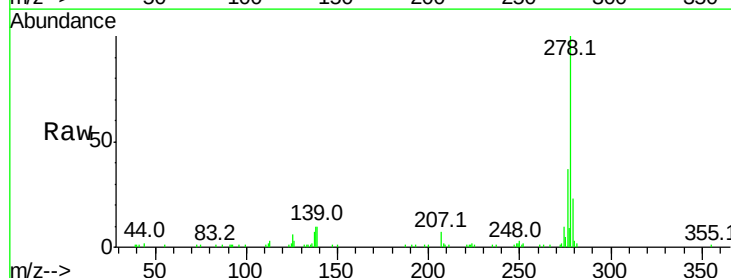
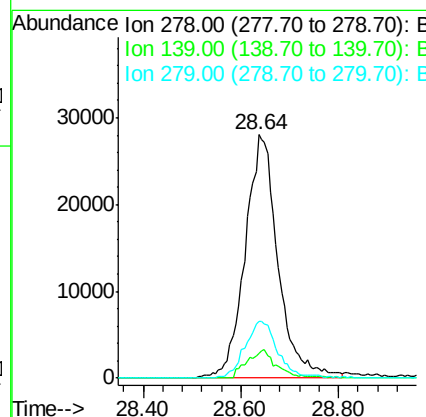
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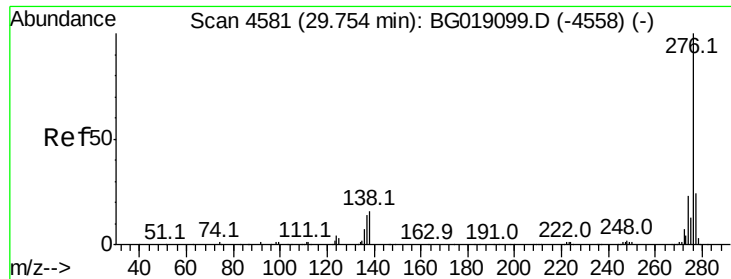
MMdadoda
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#90
Dibenzo(a,h)anthracene
Concen: 13.97 ng
RT: 28.64 min Scan# 4391
Delta R.T. -0.03 min
Lab File: BG019172.D
Acq: 13 Oct 2015 00:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.0	8.6	12.8
279	23.3	19.5	29.3





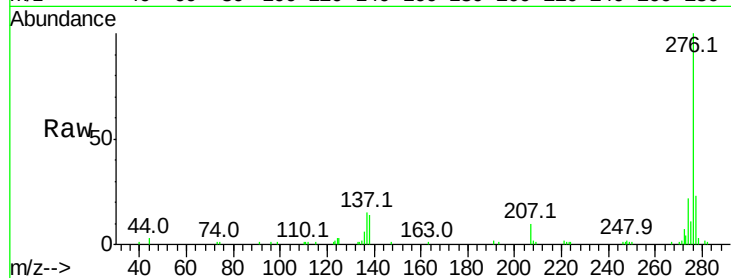
#91
 Benzo(a,h,i)perylene
 Concen: 13.67 ng
 RT: 29.72 min Scan# 4575
 Delta R.T. -0.05 min
 Lab File: BG019172.D
 Acq: 13 Oct 2015 00:16

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

Tot Ion:	276	Resp:	119683
Ion Ratio	Lower	Upper	
276	100		
277	23.2	19.5	29.3
138	13.8	13.0	19.6

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

