

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041350.D
 Acq On : 20 Jun 2019 6:53
 Operator : HP/JU
 Sample : K3368-01MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOILMS

Manual Integrations
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mohammad
 6/21/2019 9:57:54 PM

Quant Time: Jun 20 08:43:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	37312	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	148960	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	104859	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	258383	20.00	ng	0.00
76) Chrysene-d12	21.75	240	253155	20.00	ng	0.00
87) Perylene-d12	25.06	264	249006	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	240231	118.30	ng	0.00
7) Phenol-d6	7.24	99	325608	110.62	ng	0.00
23) Nitrobenzene-d5	9.26	82	308127	86.99	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	201820	125.37	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	696995	90.34	ng	0.00
79) Terphenyl-d14	20.06	244	1202974	94.17	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.47	88	29226m	28.702	ng	
3) Pyridine	3.89	79	87977	32.568	ng	94
4) n-Nitrosodimethylamine	3.80	42	54325	37.711	ng	99
6) Aniline	7.41	93	66365	16.221	ng	97
8) 2-Chlorophenol	7.64	128	98893	41.446	ng	98
9) Benzaldehyde	7.22	77	23656	12.565	ng	93
10) Phenol	7.27	94	113012	35.704	ng	98
11) bis(2-Chloroethyl)ether	7.50	93	101893	42.426	ng	98
12) 1,3-Dichlorobenzene	7.96	146	122130	40.879	ng	94
13) 1,4-Dichlorobenzene	8.12	146	124935	40.938	ng	95
14) 1,2-Dichlorobenzene	8.43	146	120609	41.377	ng	97
15) Benzyl Alcohol	8.32	79	109410	38.795	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	157692	40.109	ng	96
17) 2-Methylphenol	8.52	107	86028	38.016	ng	95
18) Hexachloroethane	9.16	117	47071	38.923	ng	95
19) n-Nitroso-di-n-propylamine	8.89	70	96907	40.706	ng	98
20) 3+4-Methylphenols	8.86	107	121646	40.380	ng	97
22) Acetophenone	8.92	105	187097	43.162	ng	96
24) Nitrobenzene	9.30	77	156419	43.910	ng	97
25) Isophorone	9.82	82	273203	42.043	ng	96
26) 2-Nitrophenol	10.01	139	59651	41.304	ng	95
27) 2,4-Dimethylphenol	10.06	122	99022	45.742	ng	99
28) bis(2-Chloroethoxy)methane	10.30	93	140089	41.375	ng	97
29) 2,4-Dichlorophenol	10.55	162	117111	43.630	ng	95
30) 1,2,4-Trichlorobenzene	10.76	180	148871	43.306	ng	96
31) Naphthalene	10.95	128	363361	44.883	ng	98
33) 4-Chloroaniline	11.07	127	35929	10.450	ng	93
34) Hexachlorobutadiene	11.21	225	109662	40.188	ng	96
35) Caprolactam	11.86	113	29451m	31.871	ng	
36) 4-Chloro-3-methylphenol	12.18	107	132438	42.716	ng	97
37) 2-Methylnaphthalene	12.55	142	278380	46.687	ng	99
38) 1-Methylnaphthalene	12.77	142	257592	45.153	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	206731	47.745	ng	99
41) Hexachlorocyclopentadiene	12.88	237	76820	26.339	ng	100

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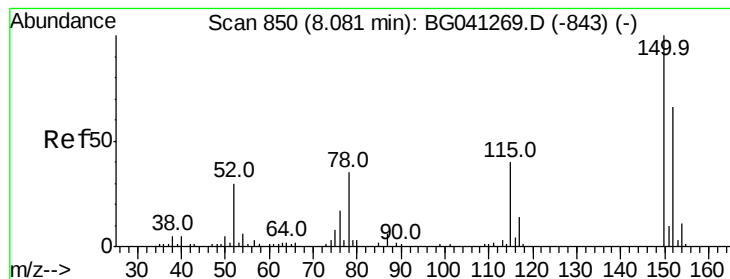
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.16	196	113534	42.386	nq	98
44) 2,4,5-Trichlorophenol	13.23	196	119387	43.318	nq	98
46) 1,1'-Biphenyl	13.55	154	366662	46.253	nq	98
47) 2-Chloronaphthalene	13.60	162	309821	45.395	nq	99
48) 2-Nitroaniline	13.82	65	109718	43.895	nq	93
49) Acenaphthylene	14.44	152	469702	45.353	nq	99
50) Dimethylphthalate	14.17	163	398094	42.668	nq	99
51) 2,6-Dinitrotoluene	14.30	165	89847	45.671	nq	90
52) Acenaphthene	14.79	154	277839	45.686	nq	99
53) 3-Nitroaniline	14.64	138	52280	26.973	nq	96
54) 2,4-Dinitrophenol	14.86	184	10150	11.587	nq	# 80
55) Dibenzofuran	15.11	168	484214	45.794	nq	99
56) 4-Nitrophenol	14.94	139	94684	64.935	nq	98
57) 2,4-Dinitrotoluene	15.09	165	127588	44.367	nq	96
58) Fluorene	15.77	166	378821	45.544	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	120058	42.125	nq	99
60) Diethylphthalate	15.52	149	408102	43.035	nq	98
61) 4-Chlorophenyl-phenylether	15.75	204	241940	44.706	nq	99
62) 4-Nitroaniline	15.80	138	84718	40.868	nq	96
63) Azobenzene	16.04	77	382860	45.255	nq	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	13722	8.182	nq	95
66) n-Nitrosodiphenylamine	15.97	169	341988	49.847	nq	98
67) 4-Bromophenyl-phenylether	16.65	248	157138	47.034	nq	93
68) Hexachlorobenzene	16.76	284	163881	45.807	nq	96
69) Atrazine	16.91	200	145590	Below Cal		97
70) Pentachlorophenol	17.11	266	76802	41.924	nq	98
71) Phenanthrene	17.51	178	646104	46.885	nq	98
72) Anthracene	17.60	178	668898	49.235	nq	100
73) Carbazole	17.88	167	573485	48.255	nq	99
74) Di-n-butylphthalate	18.40	149	678078	45.726	nq	100
75) Fluoranthene	19.52	202	828107	45.233	nq	99
77) Benzidine	19.70	184	142654	23.297	nq	99
78) Pyrene	19.88	202	832005	48.732	nq	98
80) Butylbenzylphthalate	20.74	149	309793	47.972	nq	98
81) Benzo(a)anthracene	21.72	228	798949	46.611	nq	99
82) 3,3'-Dichlorobenzidine	21.64	252	161038	26.763	nq	99
83) Chrysene	21.80	228	779164	47.268	nq	100
84) Bis(2-ethylhexyl)phthalate	21.59	149	421942	47.945	nq	98
85) Di-n-octyl phthalate	22.82	149	719600	48.330	nq	99
86) Indeno(1,2,3-cd)pyrene	28.88	276	601509m	30.756	nq	
88) Benzo(b)fluoranthene	24.00	252	763876	49.500	nq	98
89) Benzo(k)fluoranthene	24.07	252	759017	49.650	nq	99
90) Benzo(a)pyrene	24.91	252	712539	48.891	nq	99
91) Dibenzo(a,h)anthracene	28.95	278	531823	36.246	nq	98
92) Benzo(g,h,i)perylene	30.07	276	404241	27.879	nq	# 97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

ClientSampled :

SOILMS

Tot Ion:152 Resp: 37312

Ion Ratio Lower Upper

152 100

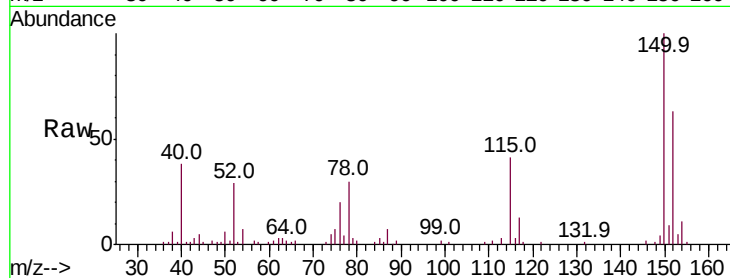
150 160.0 120.6 181.0

115 64.8 47.9 71.9

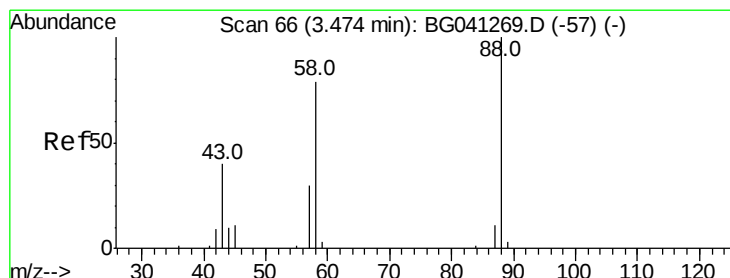
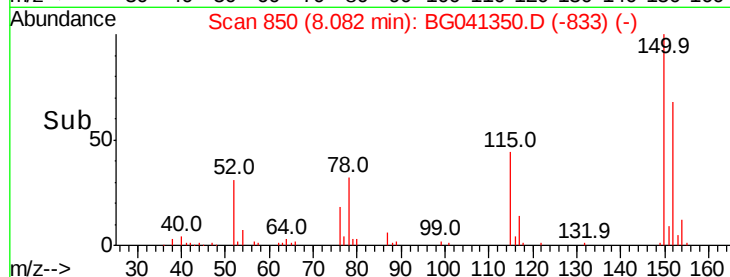
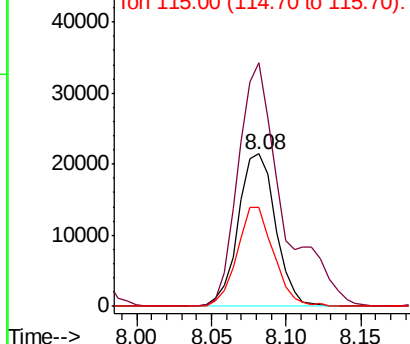
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.702 ng m

RT: 3.47 min Scan# 65

Delta R.T. -0.01 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

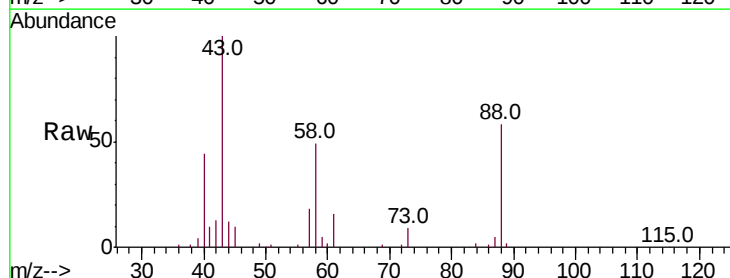
Tgt Ion: 88 Resp: 29226

Ion Ratio Lower Upper

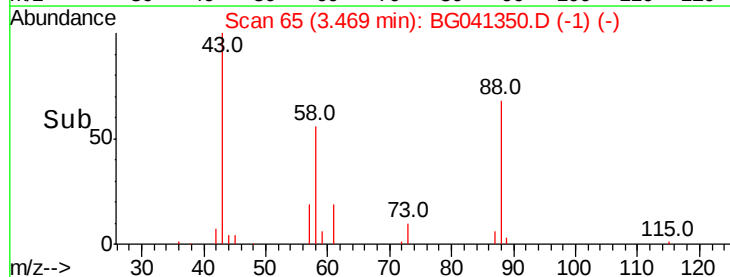
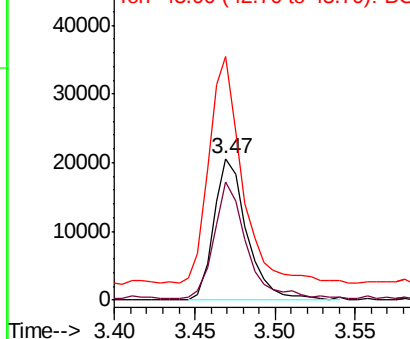
88 100

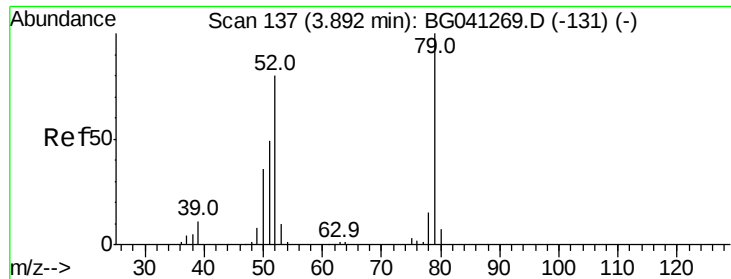
58 81.8 59.7 89.5

43 160.7 31.9 47.9#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.568 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

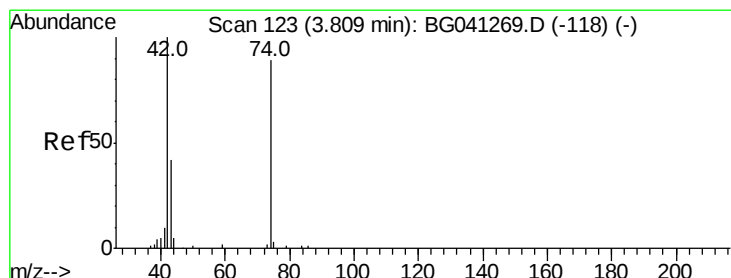
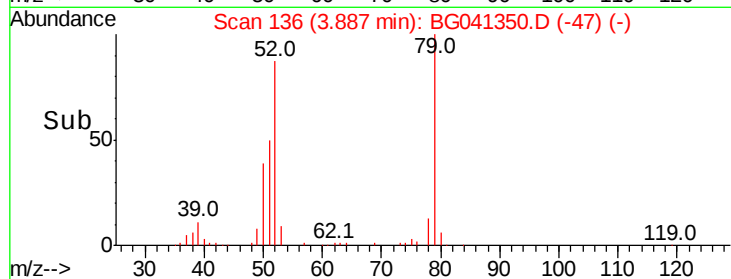
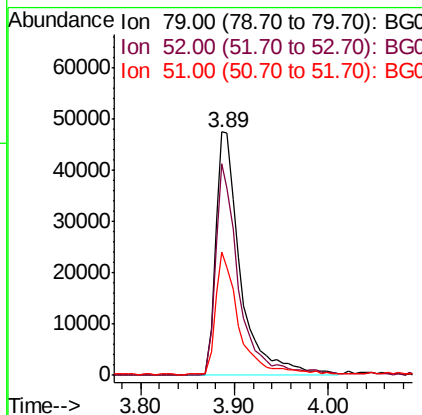
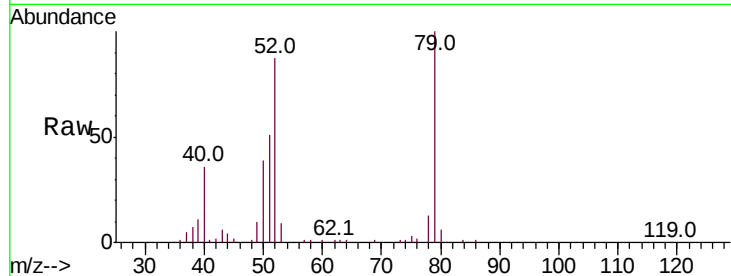
ClientSampleId :

SOILMS

Tot Ion:	79	Resp:	87977
Ion	Ratio	Lower	Upper
79	100		
52	87.1	63.6	95.4
51	50.6	39.8	59.6

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#4

n-Nitrosodimethylamine

Concen: 37.711 ng

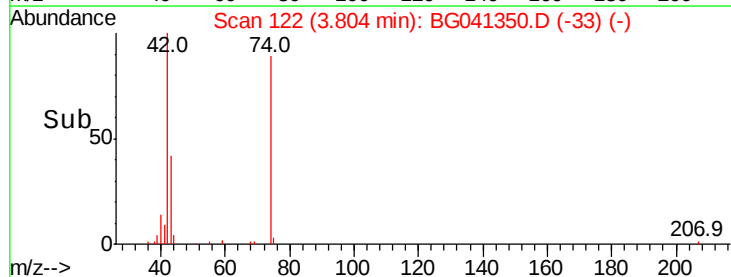
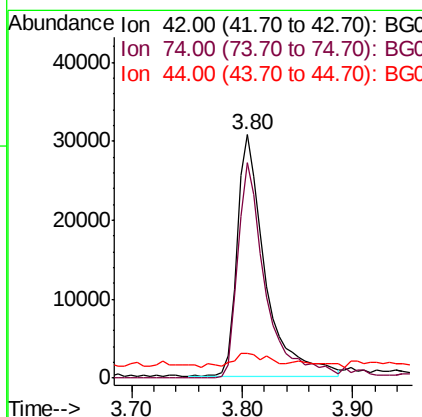
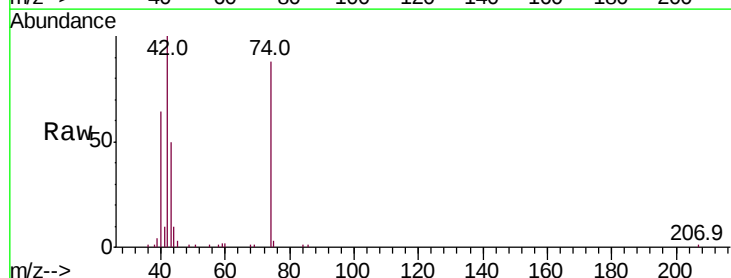
RT: 3.80 min Scan# 122

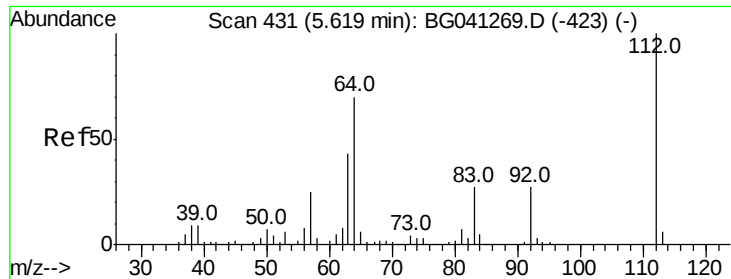
Delta R.T. -0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Tgt Ion:	42	Resp:	54325
Ion	Ratio	Lower	Upper
42	100		
74	88.3	71.6	107.4
44	10.4	9.0	13.4





#5

2-Fluorophenol

Concen: 118.301 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

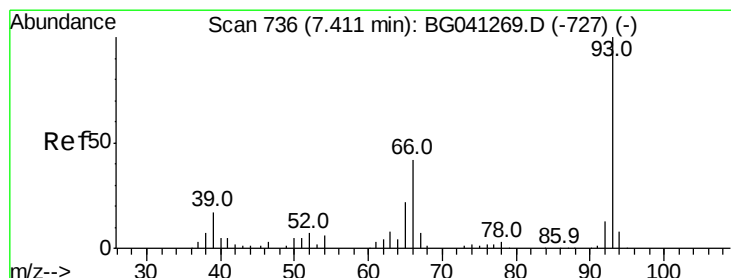
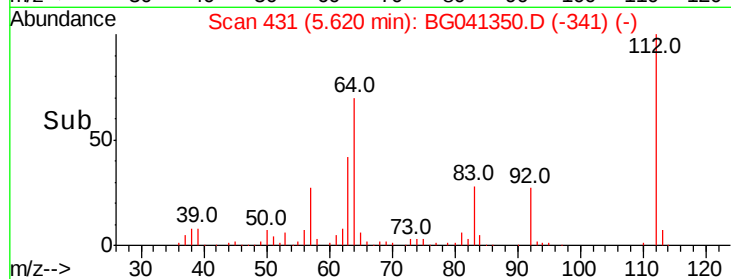
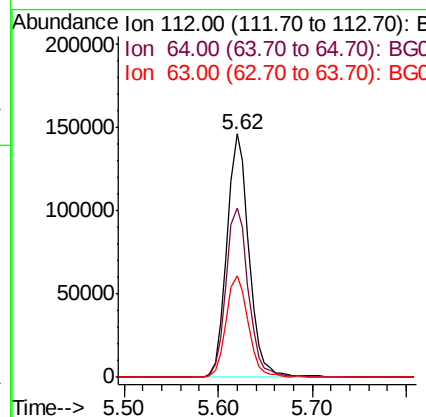
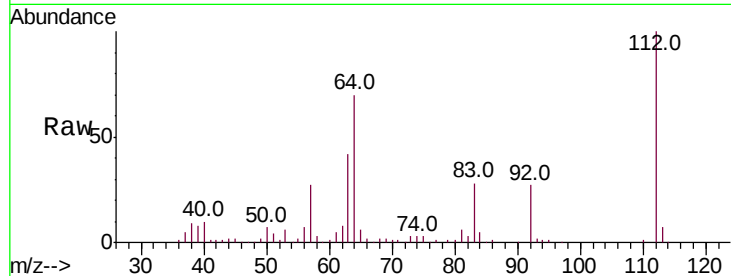
ClientSampleId :

SOILMS

Tot Ion:	112	Resp:	240231
Ion Ratio	Lower	Upper	
112	100		
64	69.6	55.9	83.9
63	41.8	34.6	51.8

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#6

Aniline

Concen: 16.221 ng

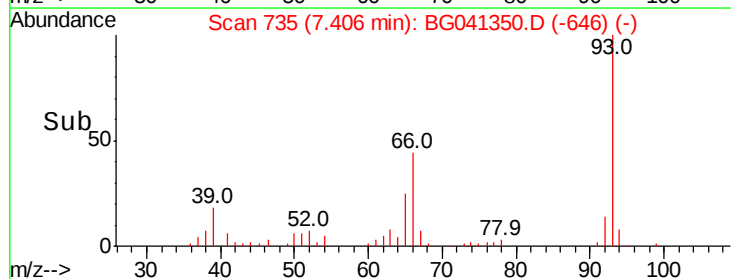
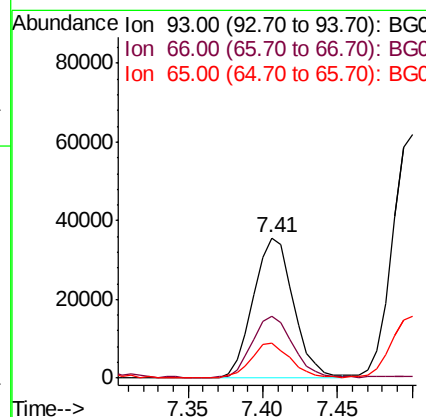
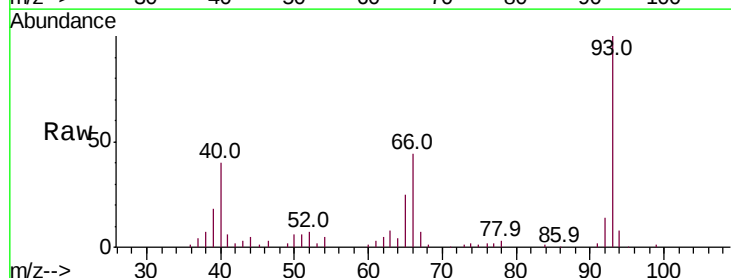
RT: 7.41 min Scan# 735

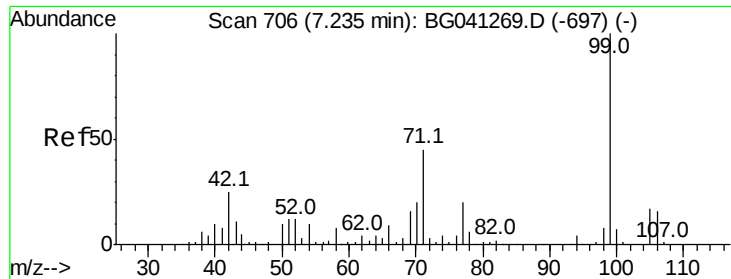
Delta R.T. -0.01 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Tgt Ion:	93	Resp:	66365
Ion Ratio	Lower	Upper	
93	100		
66	43.7	34.2	51.2
65	25.4	17.7	26.5





#7

Phenol-d6

Concen: 110.620 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

ClientSampled :

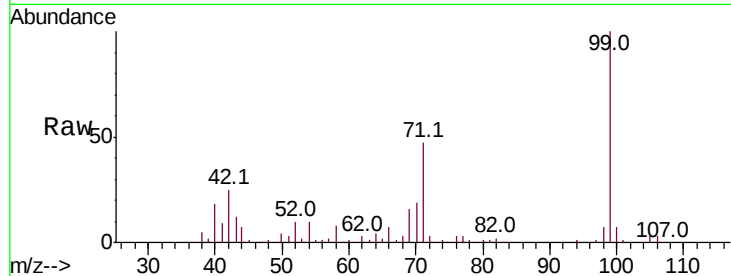
SOILMS

Tot Ion: 99 Resp: 325608

Ion	Ratio	Lower	Upper
99	100		
42	25.3	19.9	29.9
71	46.7	36.4	54.6

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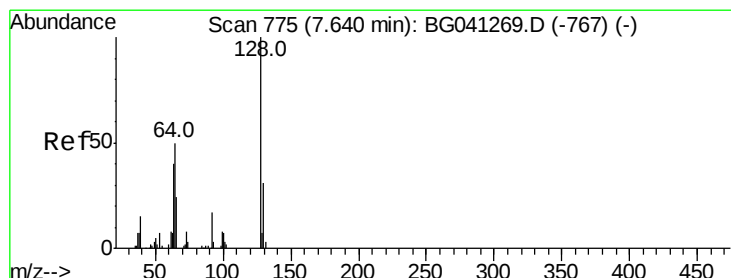
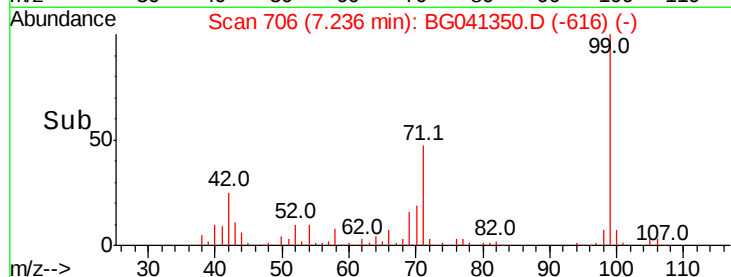
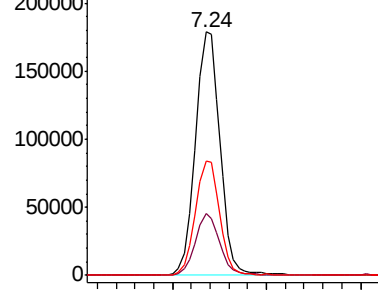


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.446 ng

RT: 7.64 min Scan# 775

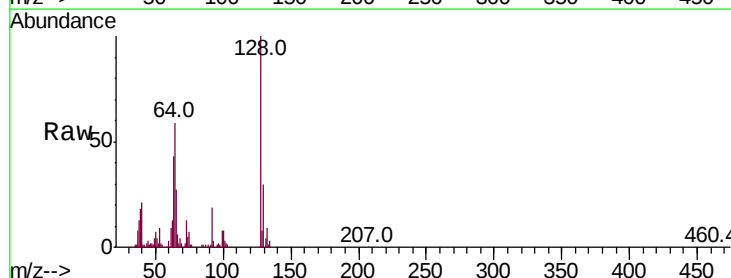
Delta R.T. 0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Tgt Ion:128 Resp: 98893

Ion	Ratio	Lower	Upper
128	100		
130	30.0	11.1	51.1
64	58.5	36.6	76.6

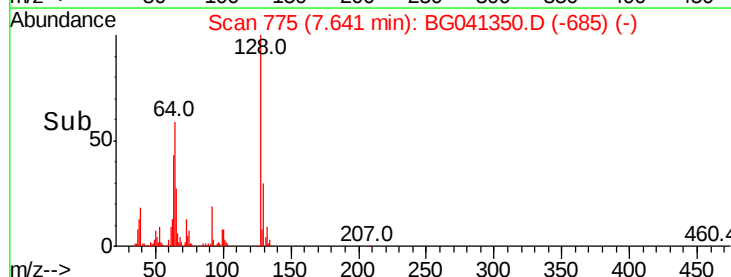
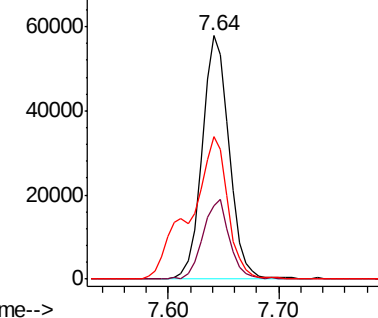


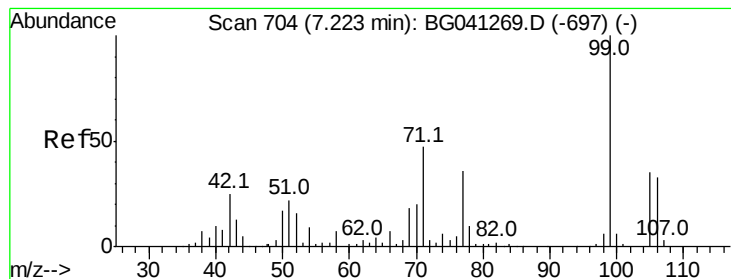
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 12.565 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

ClientSampled :

SOILMS

Tot Ion: 77 Resp: 23656

Ion Ratio Lower Upper

77 100

105 93.1 78.7 118.7

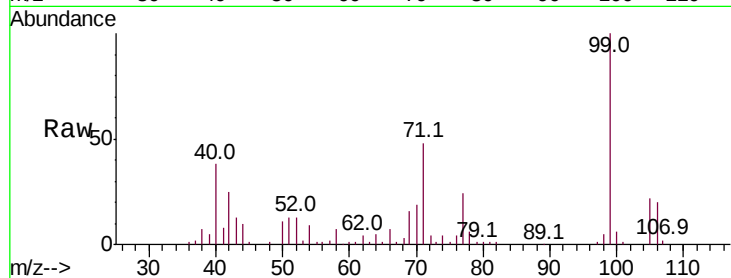
106 82.8 71.1 111.1

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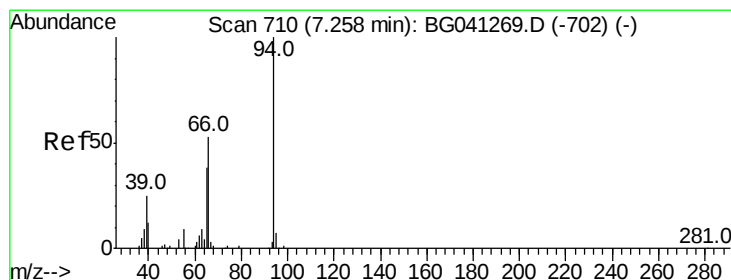
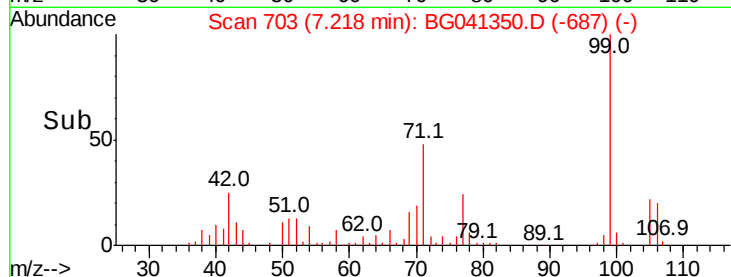
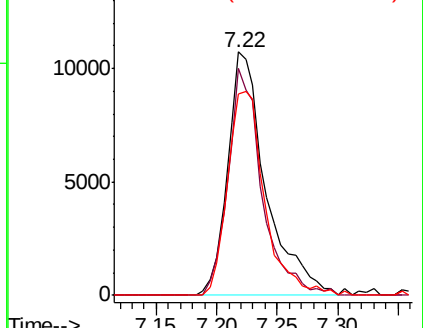
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Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 35.704 ng

RT: 7.27 min Scan# 711

Delta R.T. 0.01 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

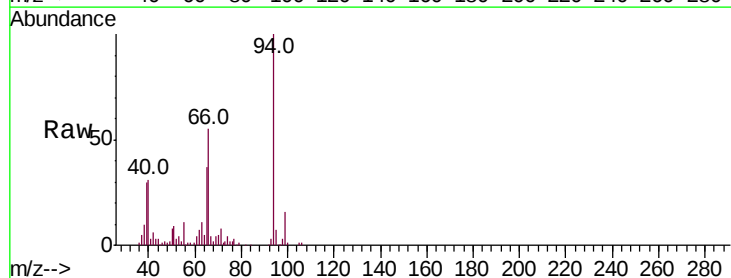
Tgt Ion: 94 Resp: 113012

Ion Ratio Lower Upper

94 100

65 37.2 18.7 58.7

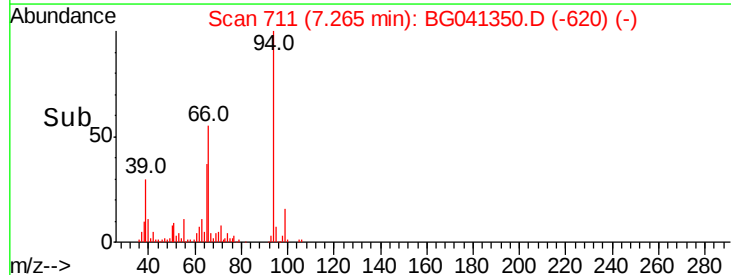
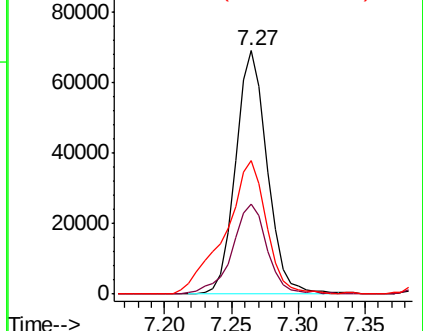
66 54.6 35.5 75.5

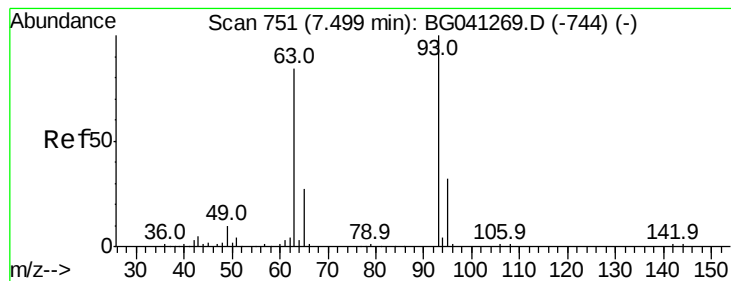


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





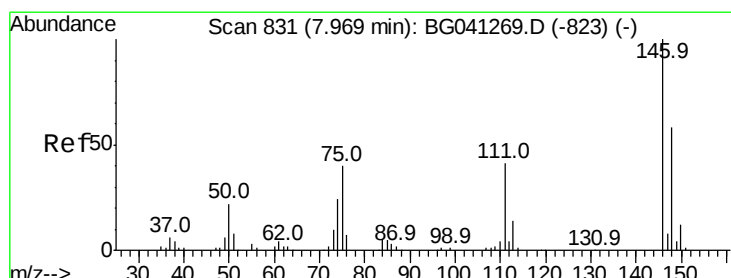
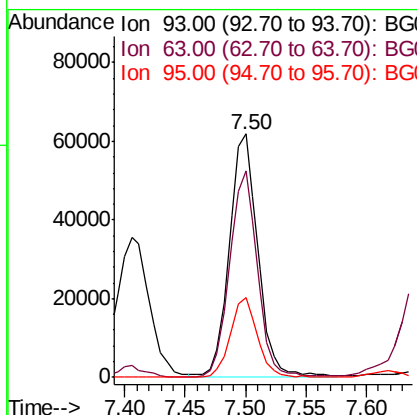
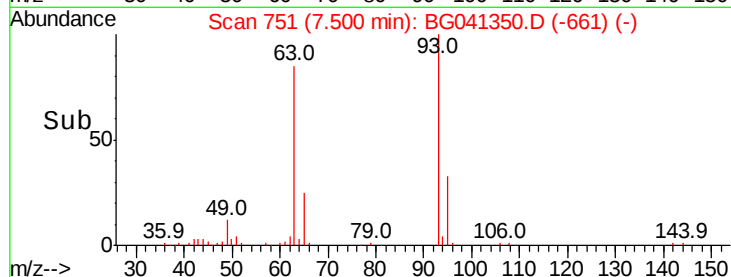
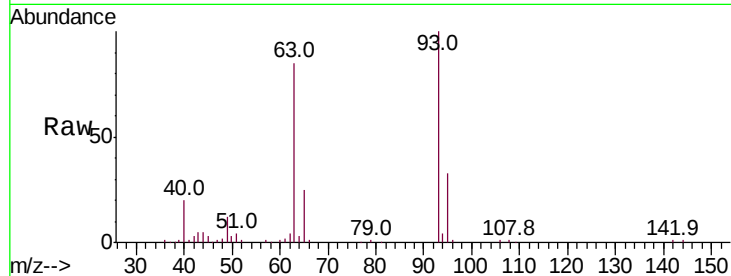
#11
bis(2-Chloroethyl)ether
Concen: 42.426 ng
RT: 7.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Instrument :
BNA_G
ClientSampleId :
SOILMS

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	84.9	63.6	103.6
95	32.7	11.2	51.2

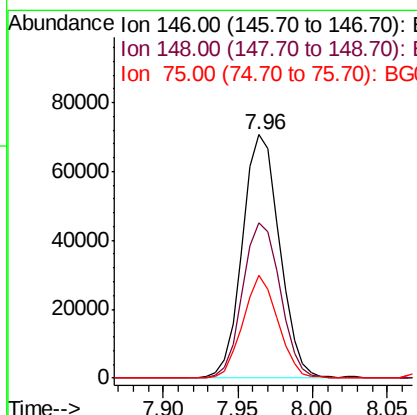
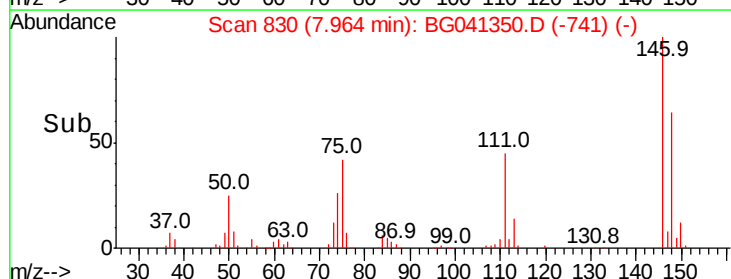
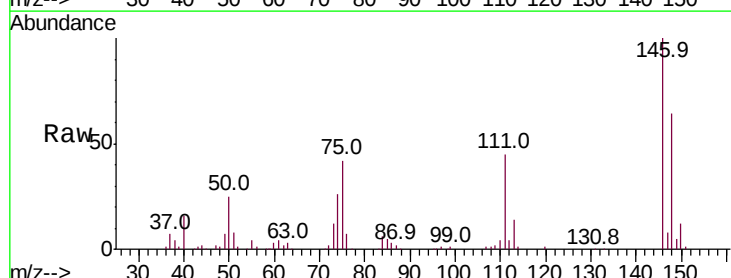
Manual Integrations
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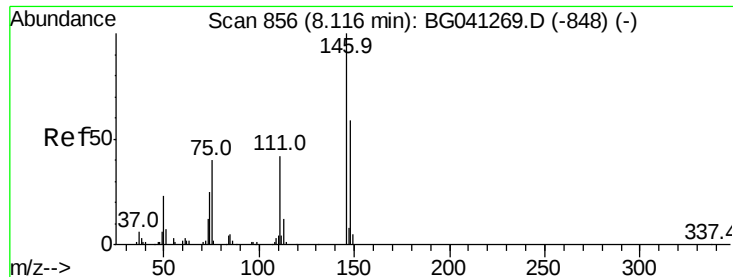
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.879 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.9	46.5	69.7
75	42.5	32.2	48.4





#13

1,4-Dichlorobenzene

Concen: 40.938 ng

RT: 8.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

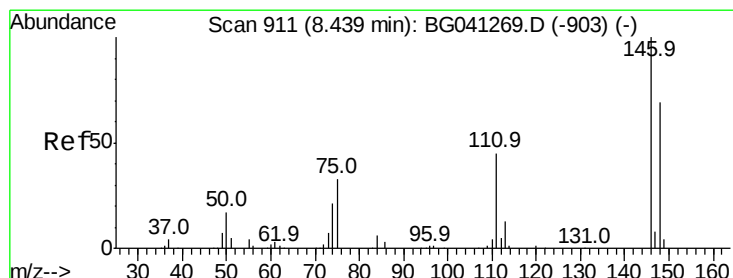
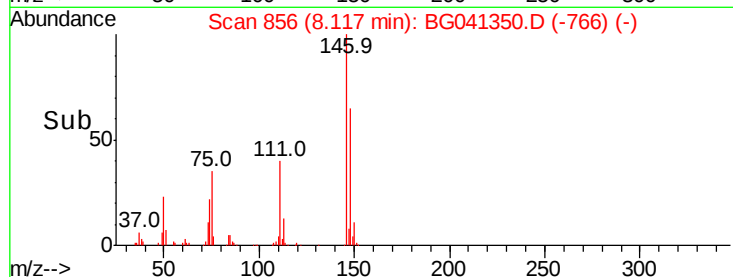
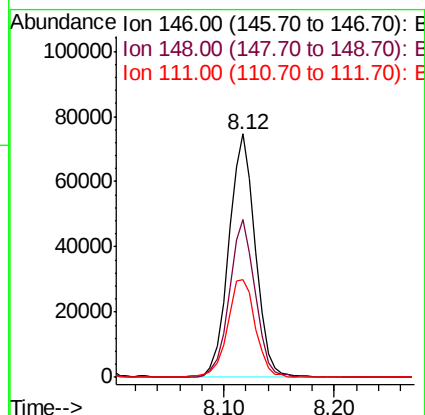
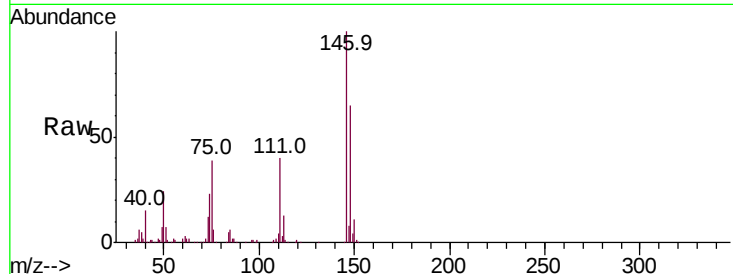
ClientSampled :

SOILMS

Tot Ion:	146	Resp:	124935
Ion Ratio	Lower	Upper	
146	100		
148	65.0	47.3	70.9
111	40.4	33.4	50.0

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#14

1,2-Dichlorobenzene

Concen: 41.377 ng

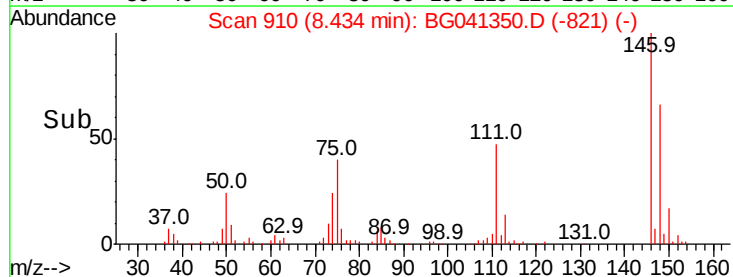
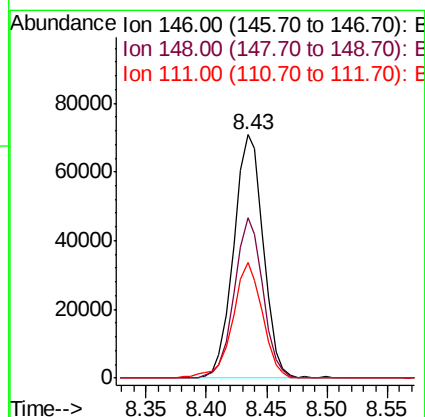
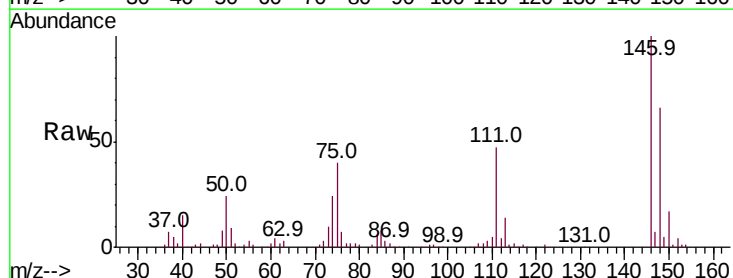
RT: 8.43 min Scan# 910

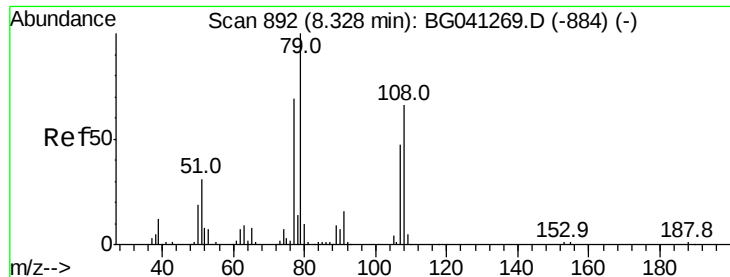
Delta R.T. -0.01 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Tgt Ion:	146	Resp:	120609
Ion Ratio	Lower	Upper	
146	100		
148	66.1	54.9	82.3
111	47.4	37.0	55.6





#15

Benzyl Alcohol

Concen: 38.795 ng

RT: 8.32 min Scan# 891

Delta R.T. -0.01 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

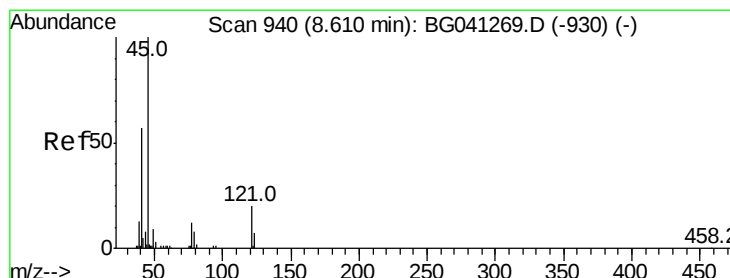
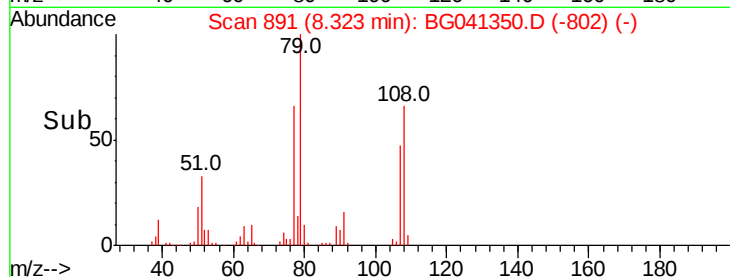
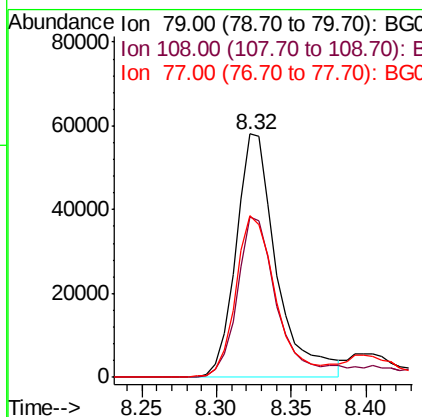
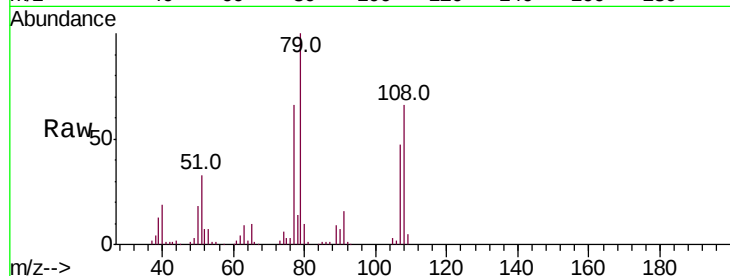
ClientSampled :

SOILMS

Tot Ion:	79	Resp:	109410
Ion Ratio	Lower	Upper	
79	100		
108	65.8	52.7	79.1
77	66.3	55.2	82.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.109 ng

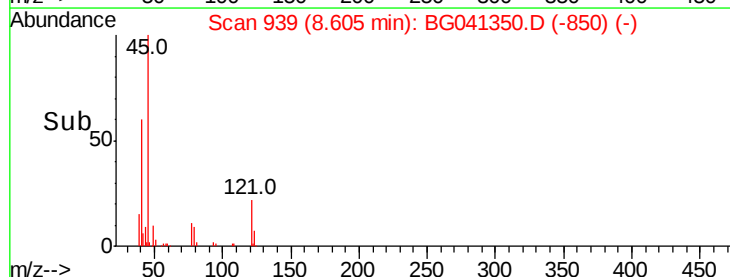
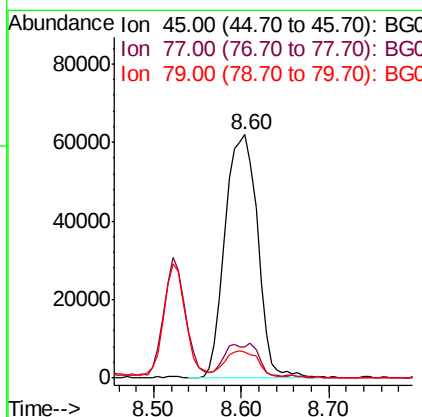
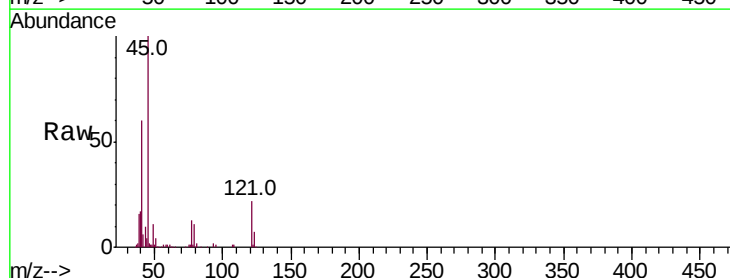
RT: 8.60 min Scan# 939

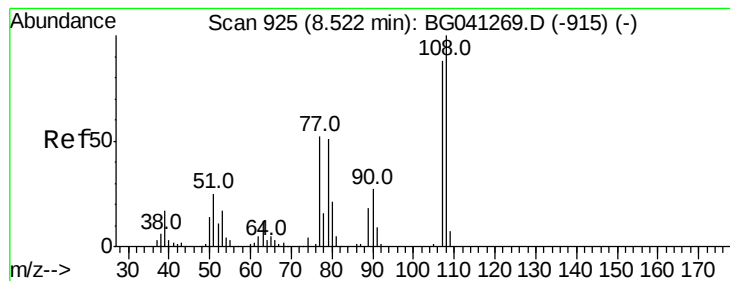
Delta R.T. -0.01 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Tgt Ion:	45	Resp:	157692
Ion Ratio	Lower	Upper	
45	100		
77	12.6	0.0	35.2
79	10.8	0.0	31.6





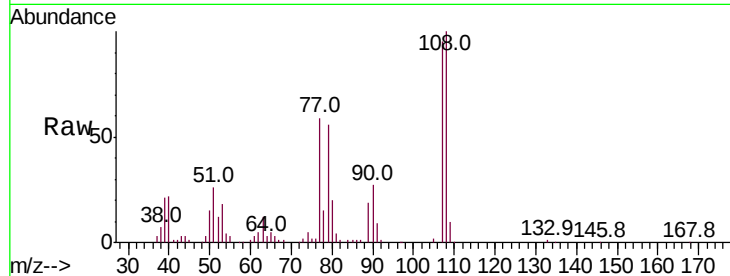
#17
2-Methylphenol
Concen: 38.016 ng
RT: 8.52 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Instrument :
BNA_G
ClientSampled :
SOILMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	105.7	91.7	137.5	
77	62.1	47.8	71.8	
79	58.8	46.8	70.2	

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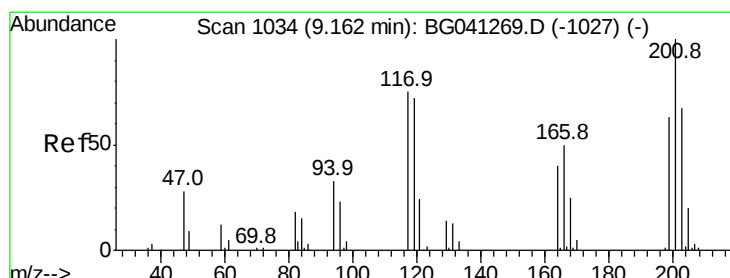
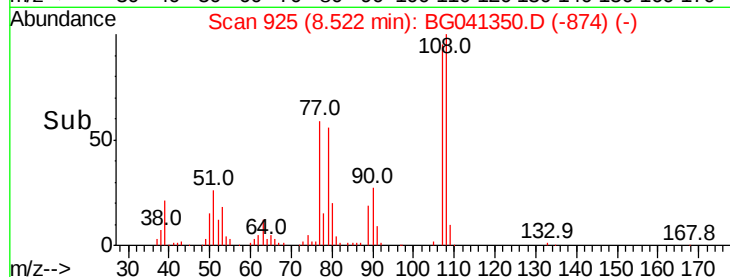
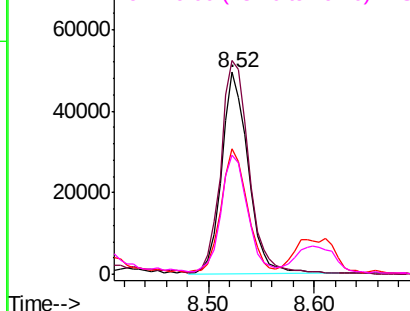
Abundance

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: 38.923 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

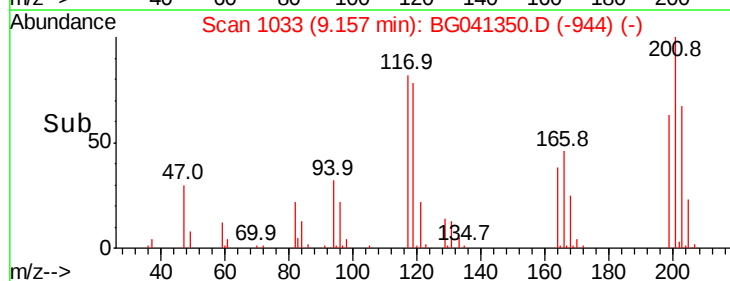
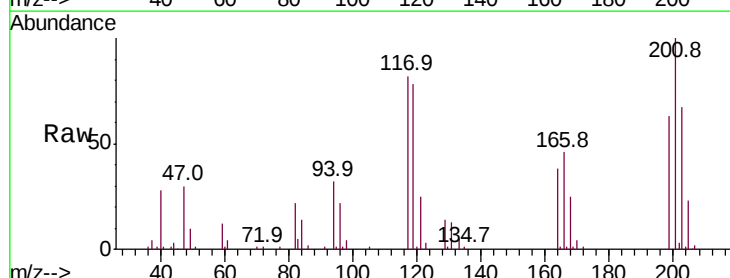
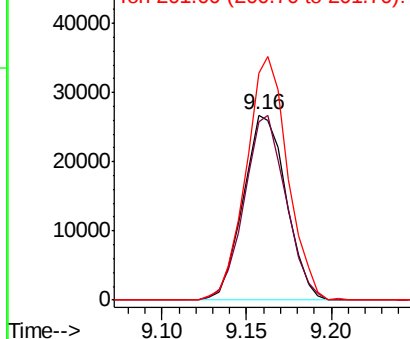
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	76.8	115.2	
201	122.5	106.3	159.5	

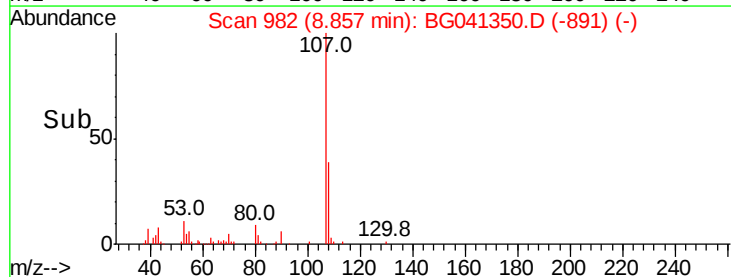
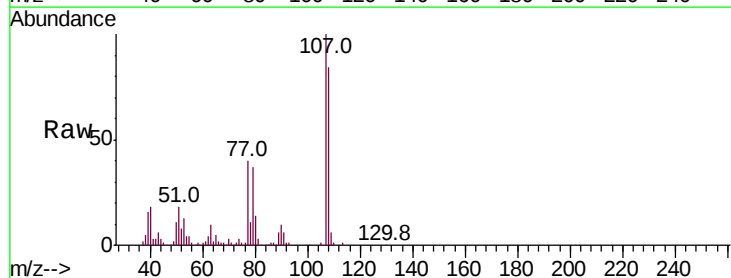
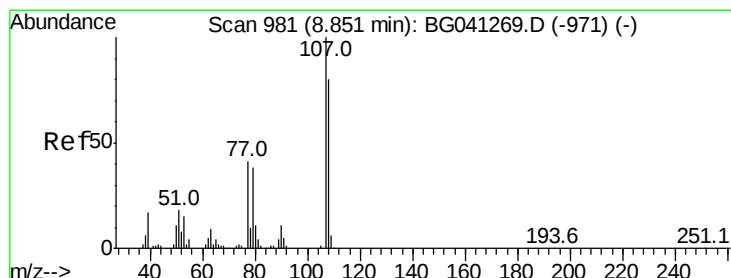
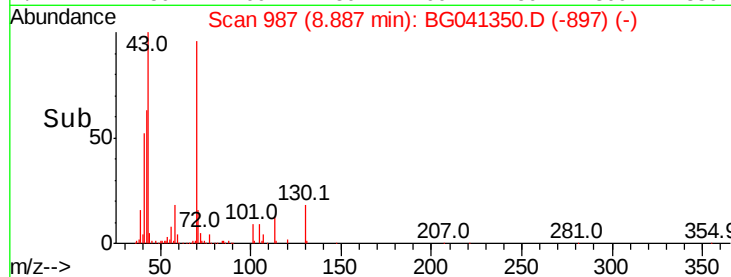
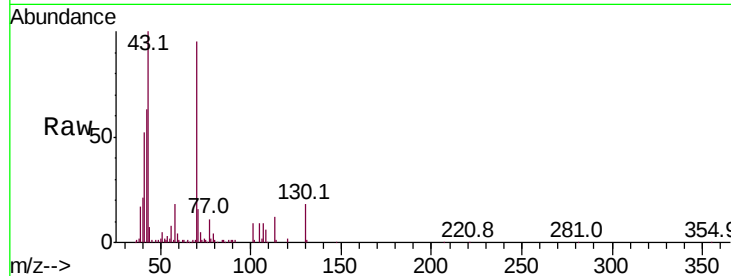
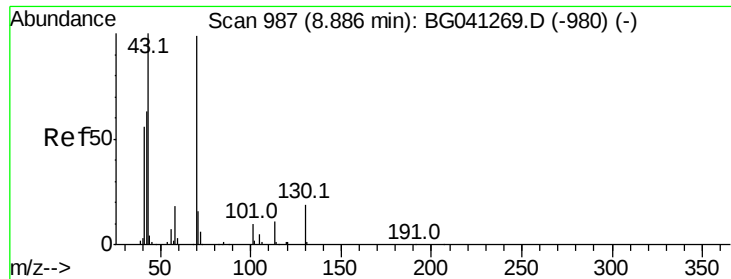
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

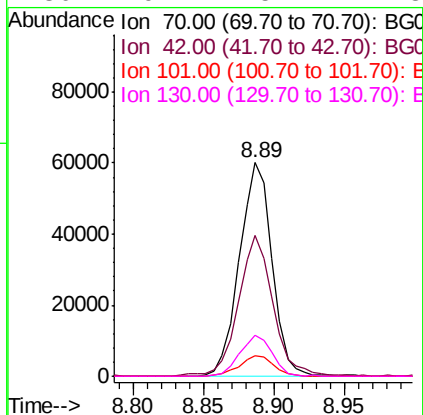
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 40.706 ng
RT: 8.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.2	51.4	77.2	
101	9.7	8.2	12.2	
130	19.2	15.2	22.8	



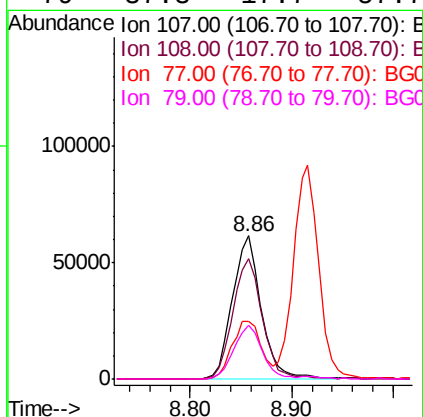
Instrument :
BNA_G
ClientSampleId :
SOILMS

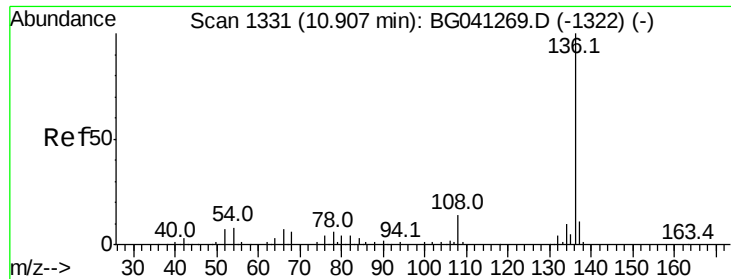
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#20
3+4-Methylphenols
Concen: 40.380 ng
RT: 8.86 min Scan# 982
Delta R.T. 0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.9	60.4	100.4	
77	40.0	21.2	61.2	
79	37.3	17.7	57.7	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

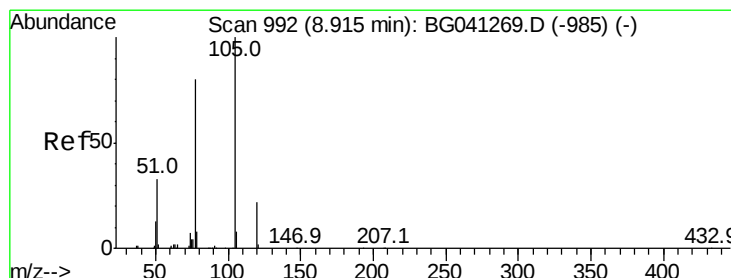
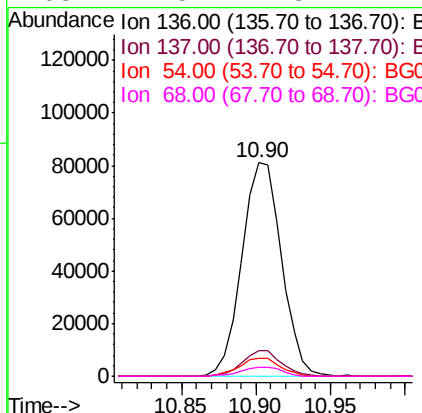
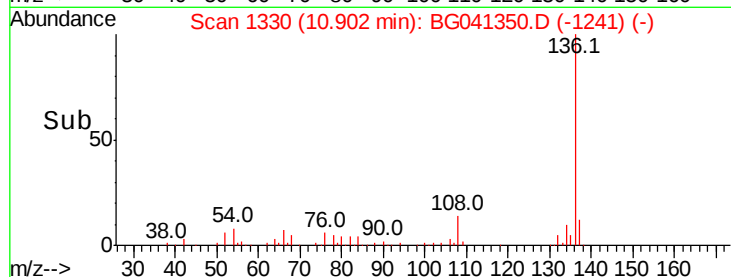
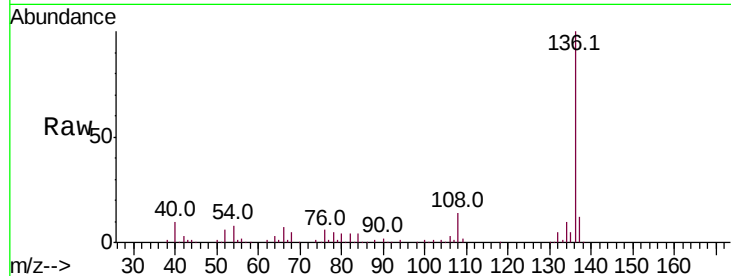
ClientSampleId :

SOILMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	148960		
137	12.3	8.8	13.2	
54	8.2	6.4	9.6	
68	4.5	4.8	7.2	

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#22

Acetophenone

Concen: 43.162 ng

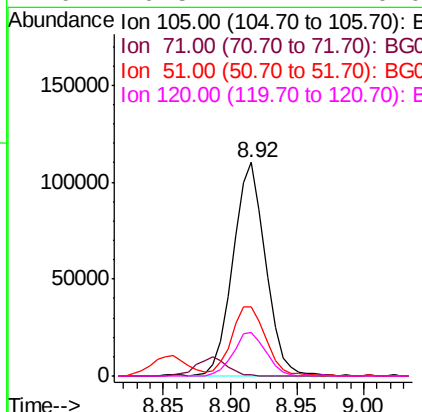
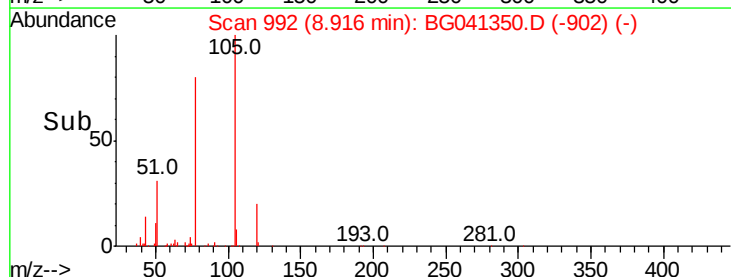
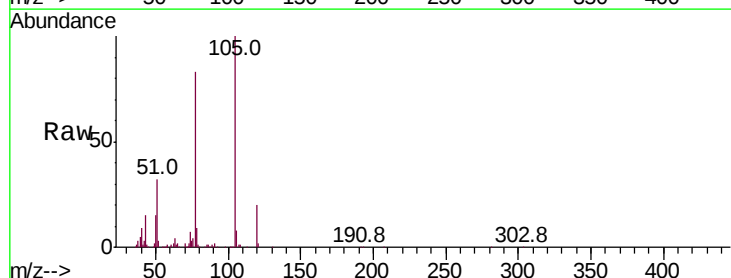
RT: 8.92 min Scan# 992

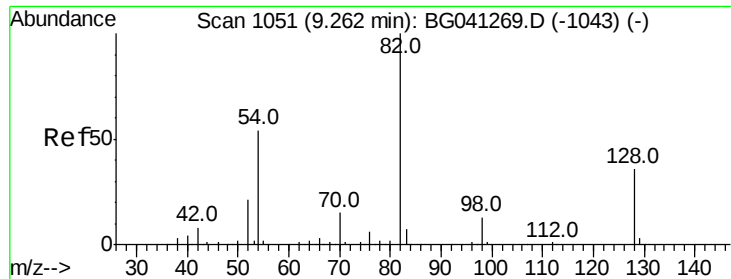
Delta R.T. 0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	187097		
71	0.5	0.4	0.6	
51	32.2	28.2	42.4	
120	20.5	17.4	26.0	





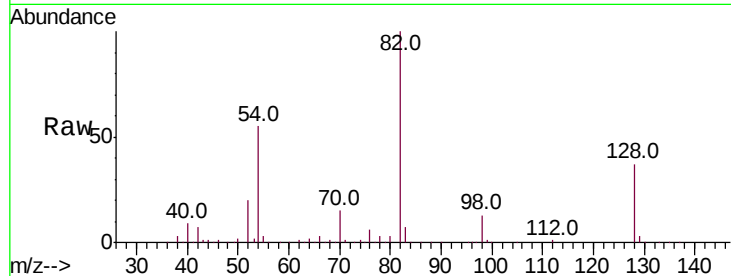
#23
Nitrobenzene-d5
Concen: 86.994 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Instrument :
BNA_G
ClientSampled :
SOILMS

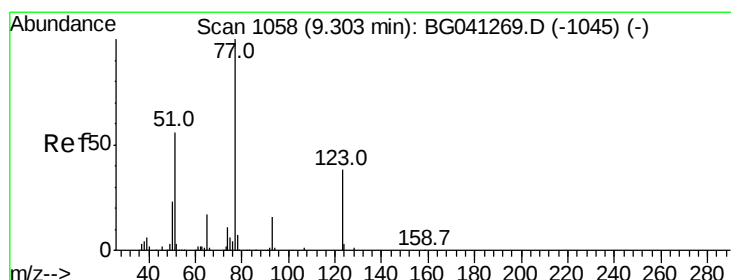
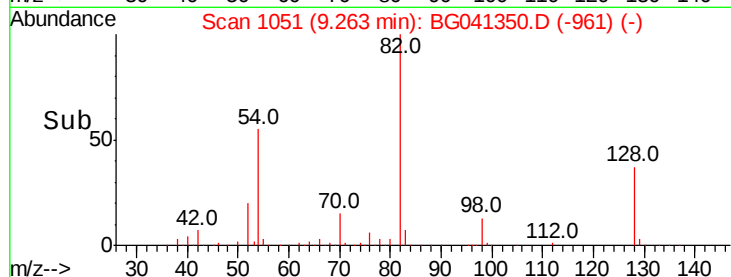
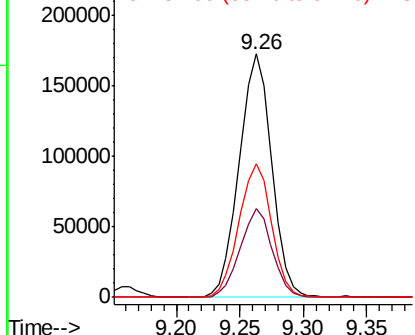
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.5	29.2	43.8	
54	55.0	43.4	65.0	

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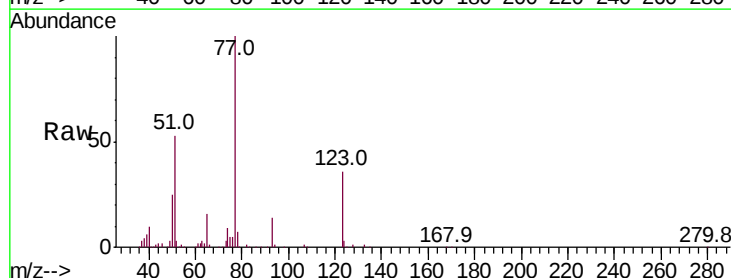


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

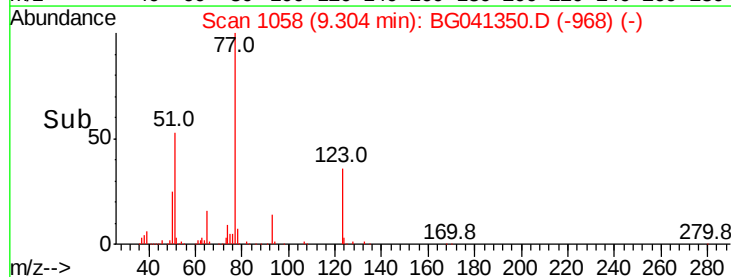
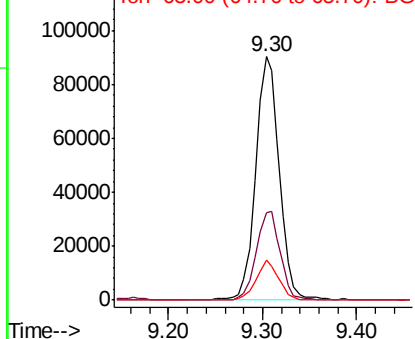


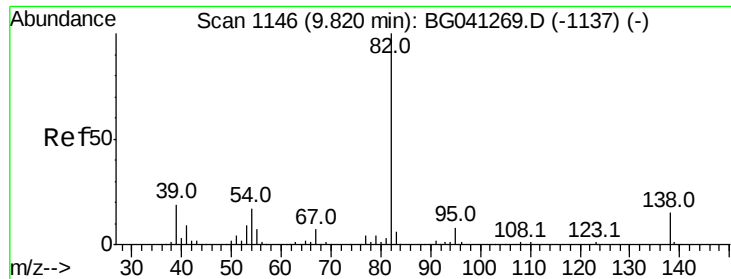
#24
Nitrobenzene
Concen: 43.910 ng
RT: 9.30 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	35.9	30.4	45.6	
65	16.3	13.3	19.9	



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: 42.043 ng

RT: 9.82 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

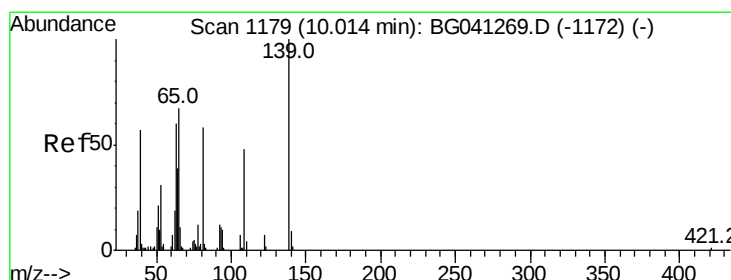
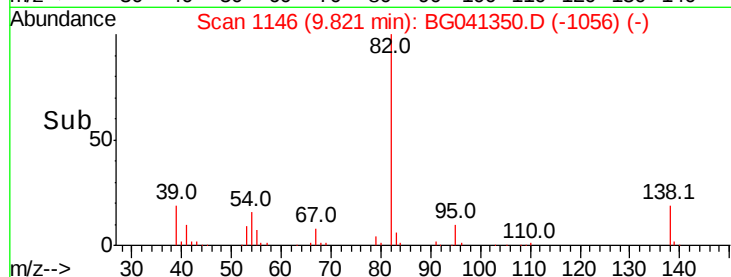
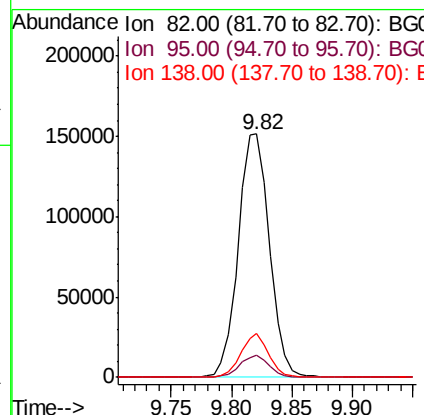
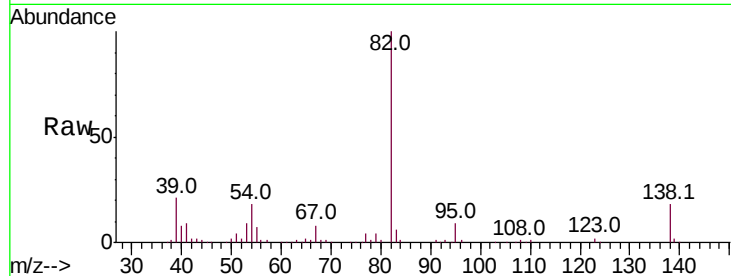
ClientSampleId :

SOILMS

Tot Ion	82	Resp	273203
Ion Ratio	Lower	Upper	
82	100		
95	9.1	6.6	10.0
138	17.8	12.3	18.5

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#26

2-Nitrophenol

Concen: 41.304 ng

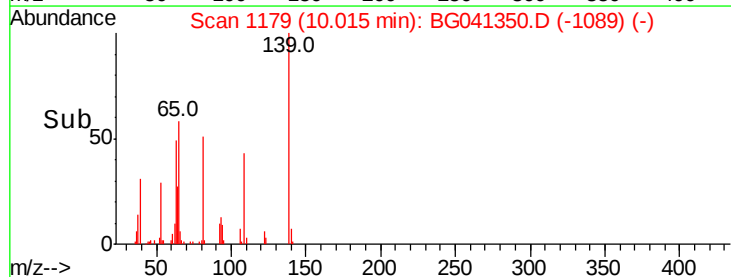
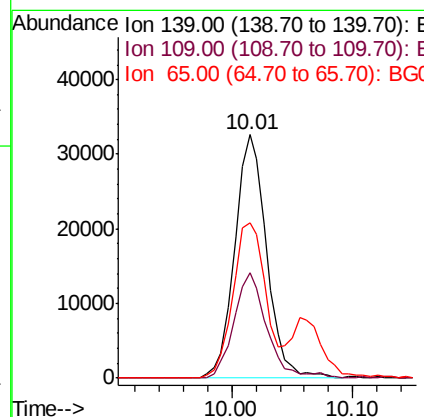
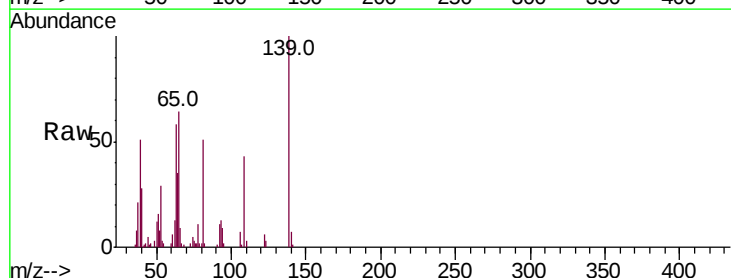
RT: 10.01 min Scan# 1179

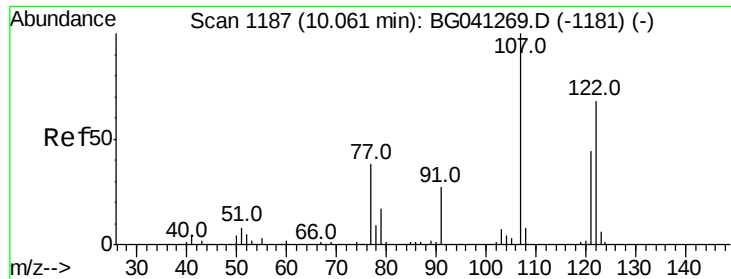
Delta R.T. 0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Tgt Ion	139	Resp	59651
Ion Ratio	Lower	Upper	
139	100		
109	43.1	38.4	57.6
65	63.9	53.6	80.4





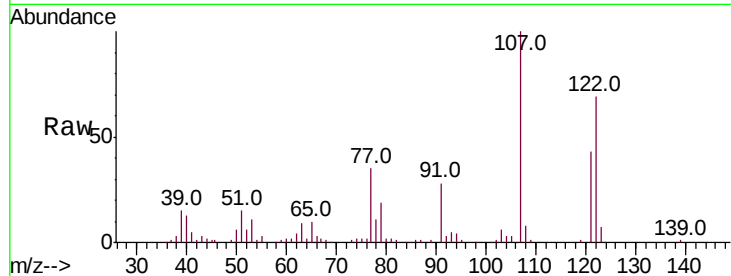
#27
2,4-Dimethylphenol
Concen: 45.742 ng
RT: 10.06 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Instrument :
BNA_G
ClientSampled :
SOILMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	145.6	115.1	172.7
121	62.5	50.1	75.1

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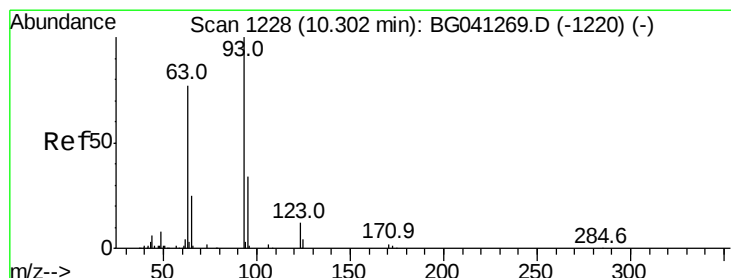
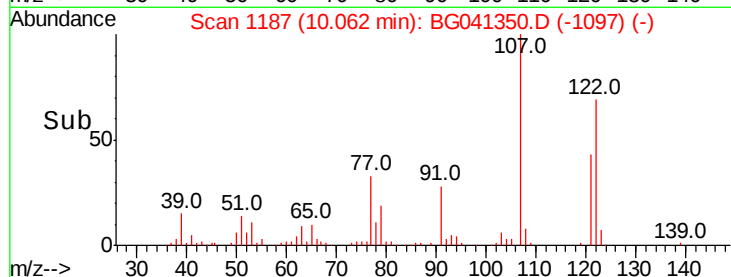
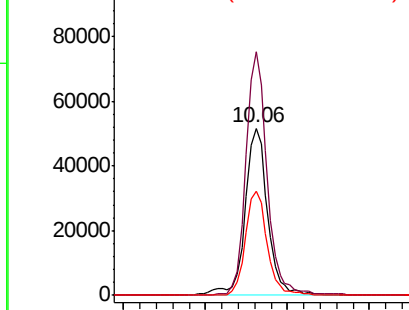


Abundance

Ion 122.00 (121.70 to 122.70): E

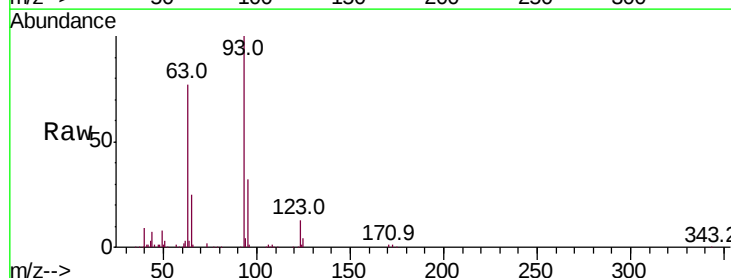
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 41.375 ng
RT: 10.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	27.3	40.9
123	12.8	9.6	14.4

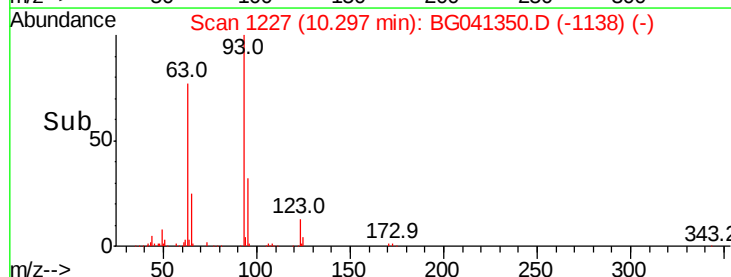
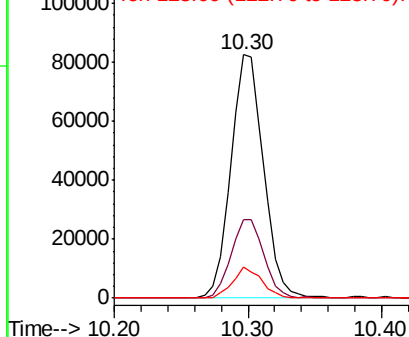


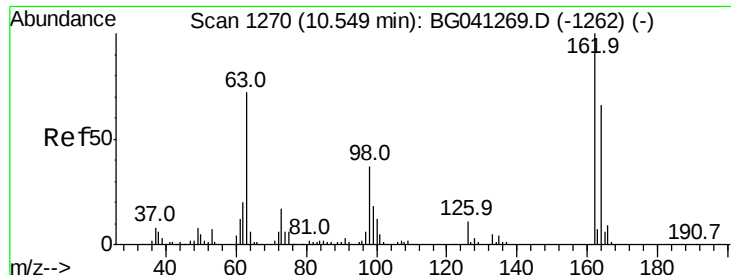
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





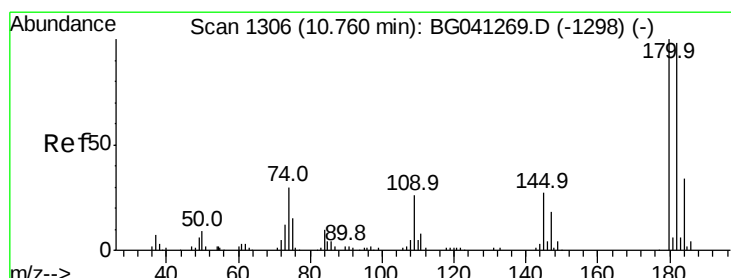
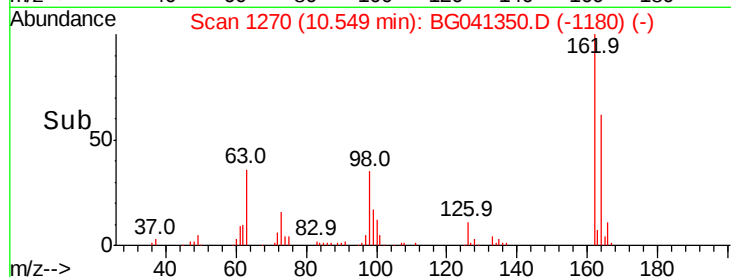
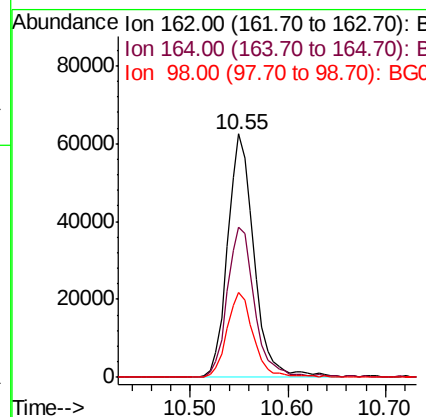
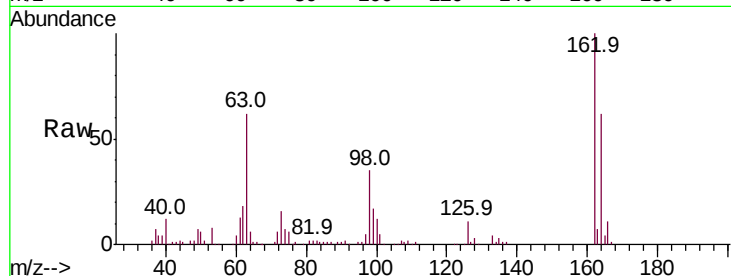
#29
 2,4-Dichlorophenol
 Concen: 43.630 ng
 RT: 10.55 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

Instrument :
 BNA_G
 ClientSampleId :
 SOILMS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	61.8	46.0	86.0
98	35.1	17.4	57.4

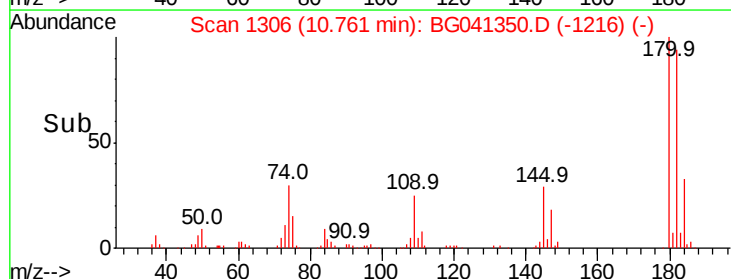
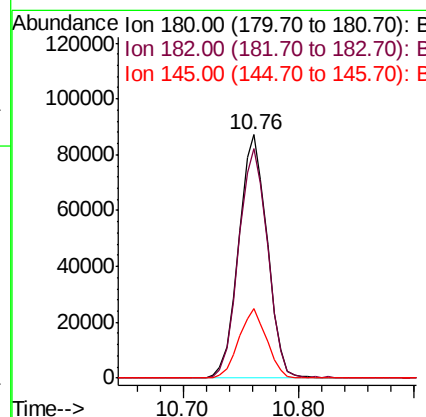
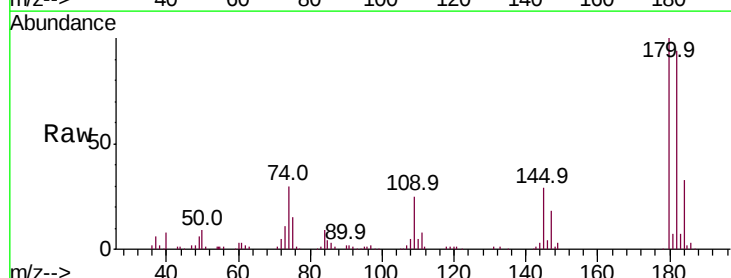
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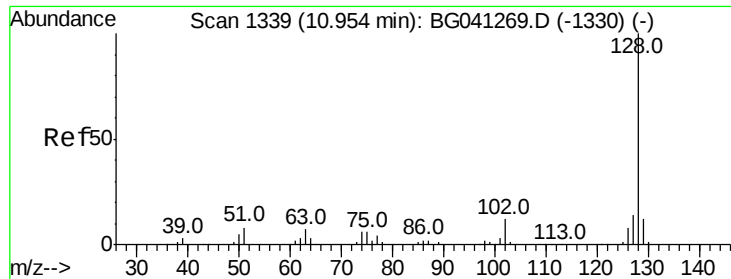
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.306 ng
 RT: 10.76 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.4	78.6	117.8
145	28.5	21.7	32.5





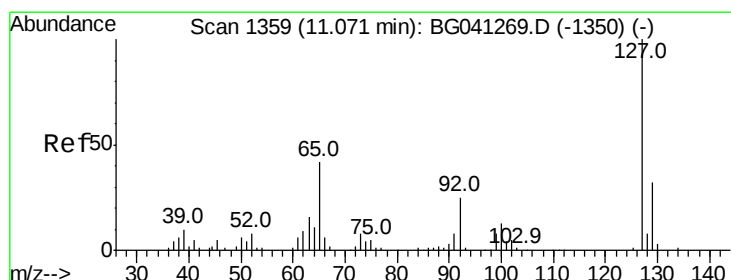
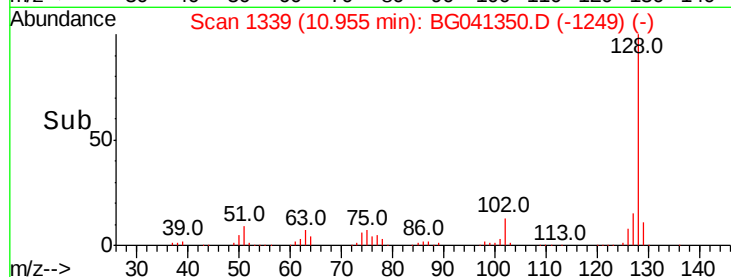
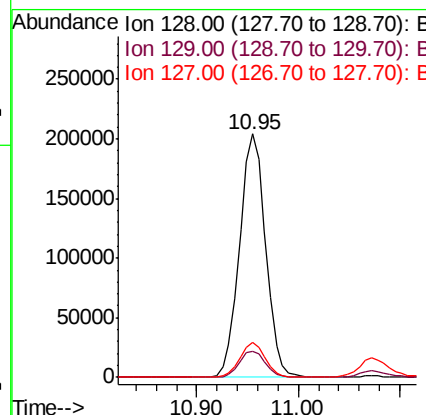
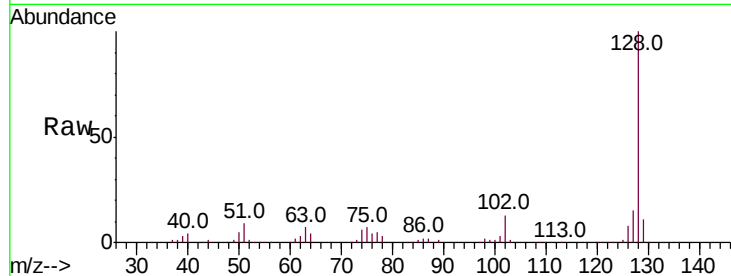
#31
Naphthalene
Concen: 44.883 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Instrument :
BNA_G
ClientSampled :
SOILMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.4	14.0
127	14.6	11.2	16.8

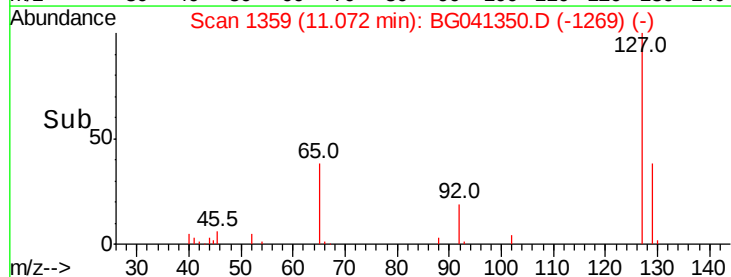
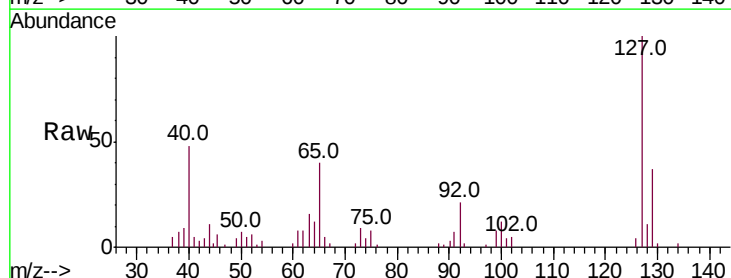
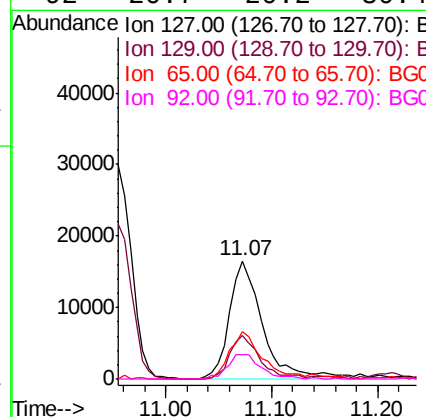
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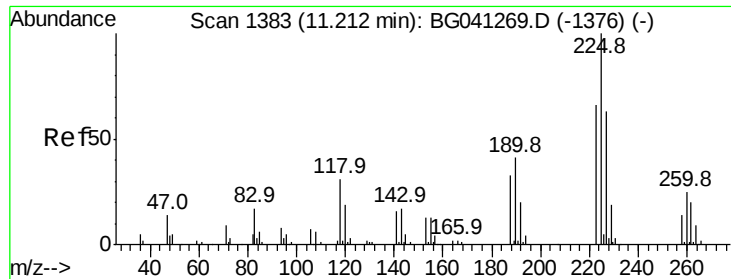
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#33
4-Chloroaniline
Concen: 10.450 ng
RT: 11.07 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Lower	Upper
127	100		
129	37.4	25.8	38.8
65	40.3	33.8	50.8
92	20.7	20.2	30.4





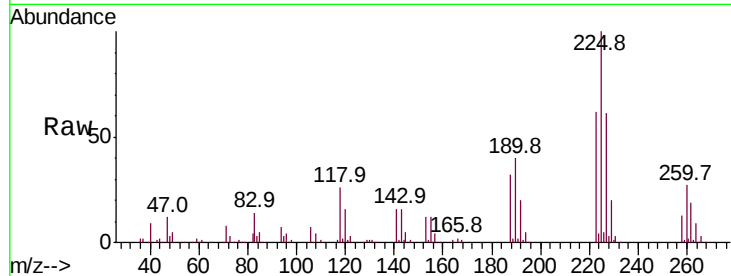
#34
Hexachlorobutadiene
Concen: 40.188 ng
RT: 11.21 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Instrument :
BNA_G
ClientSampled :
SOILMS

Tot Ion	Ratio	Lower	Upper
225	100		
223	61.7	52.5	78.7
227	60.7	50.2	75.2

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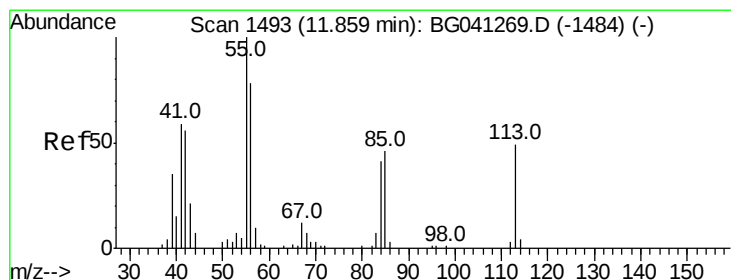
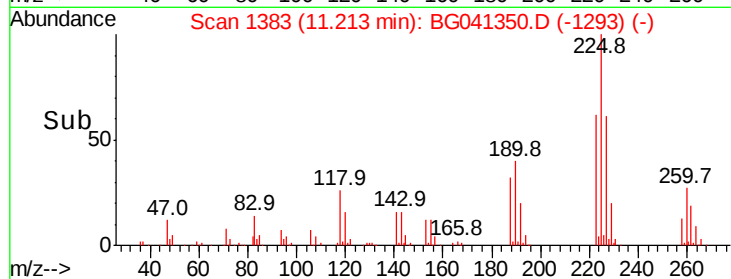
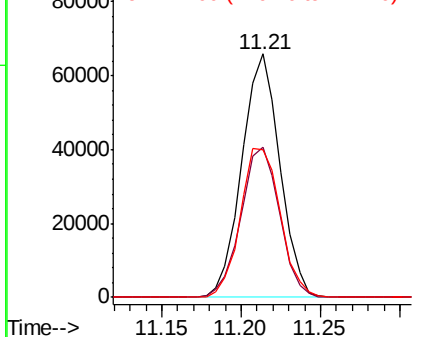


Abundance

Ion 225.00 (224.70 to 225.70): E

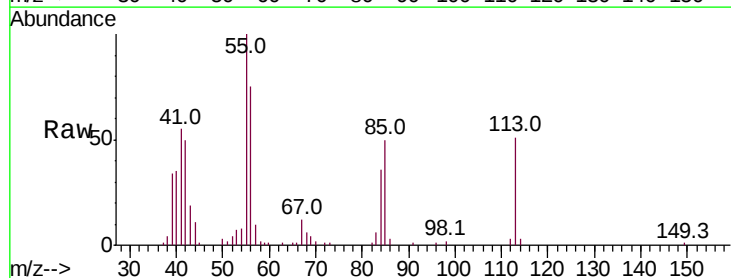
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35
Caprolactam
Concen: 31.871 ng m
RT: 11.86 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Lower	Upper
113	100		
55	197.4	182.6	222.6
56	148.7	137.5	177.5

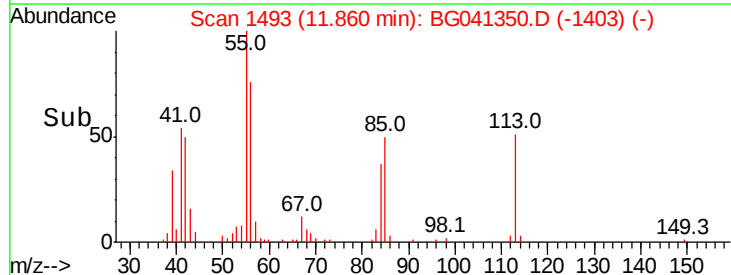
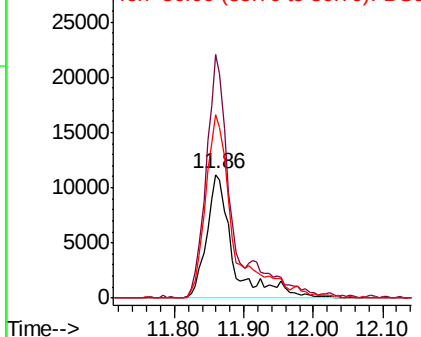


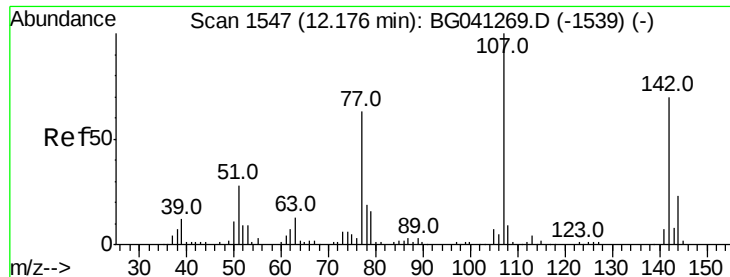
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG





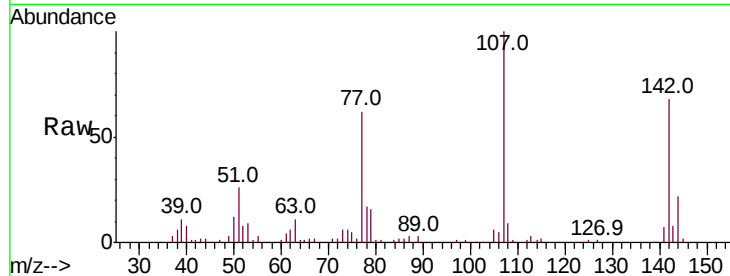
#36
 4-Chloro-3-methylphenol
 Concen: 42.716 ng
 RT: 12.18 min Scan# 1548
 Delta R.T. 0.01 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

Instrument :
 BNA_G
 ClientSampled :
 SOILMS

Tot Ion	Ratio	Lower	Upper
107	100		
144	22.0	18.5	27.7
142	68.0	56.3	84.5

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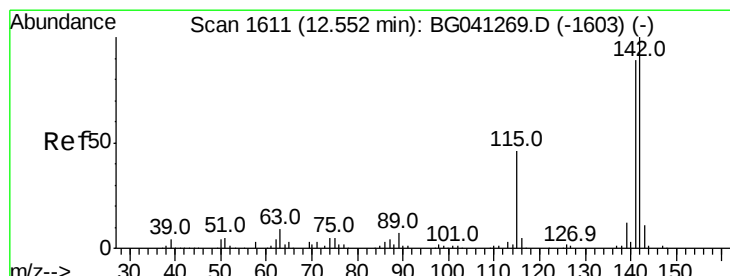
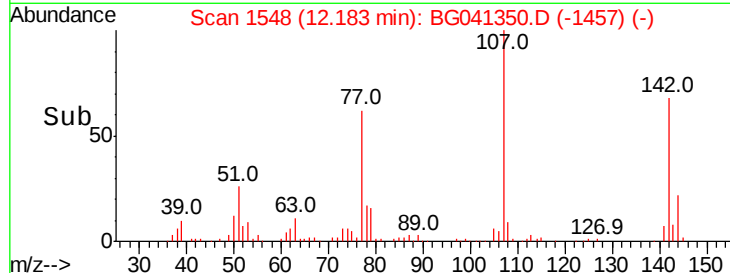
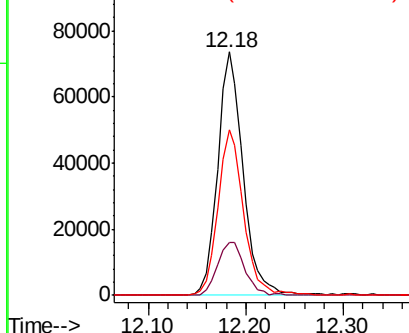


Abundance

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: 46.687 ng
 RT: 12.55 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

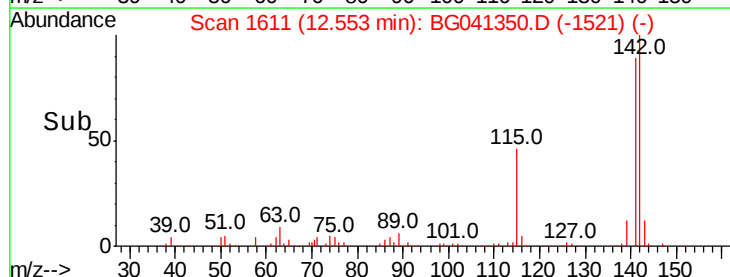
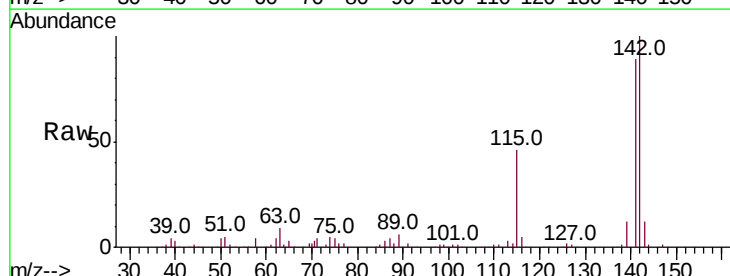
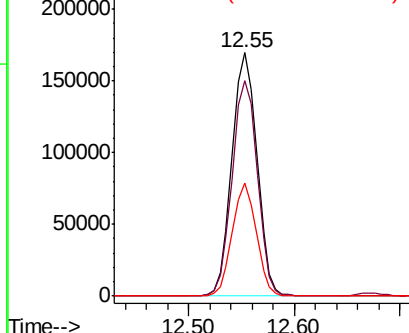
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.5	107.3
115	46.3	37.0	55.6

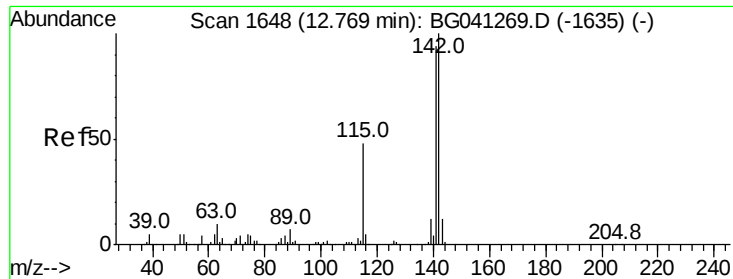
Abundance

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





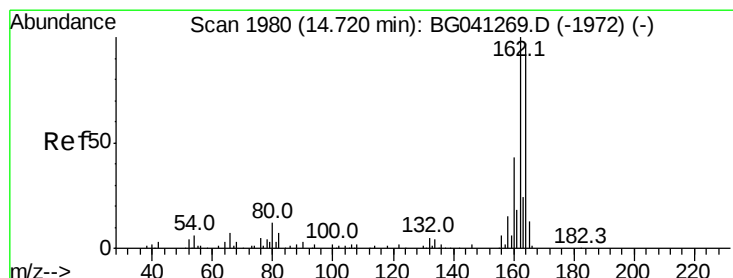
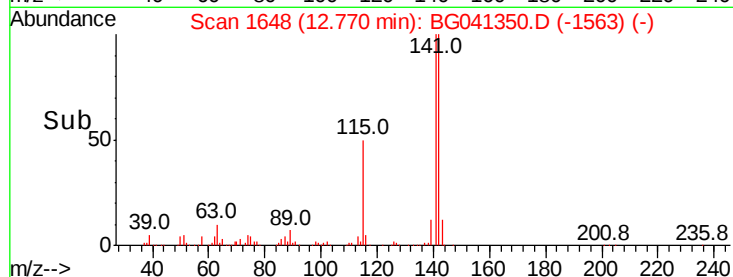
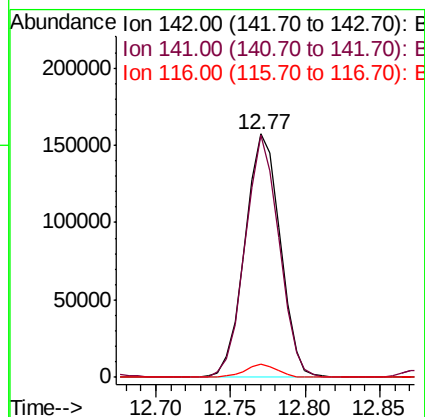
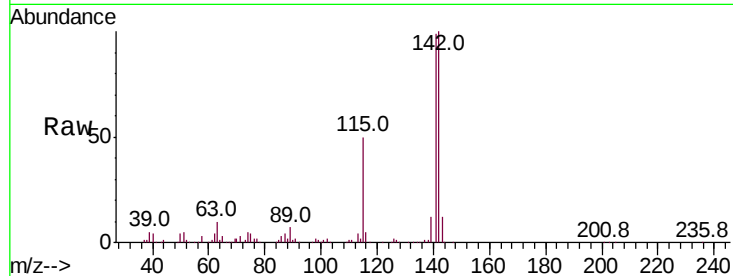
#38
1-Methylnaphthalene
Concen: 45.153 ng
RT: 12.77 min Scan# 1648
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Instrument :
BNA_G
ClientSampled :
SOILMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	99.4	75.0	112.6
116	5.4	4.2	6.2

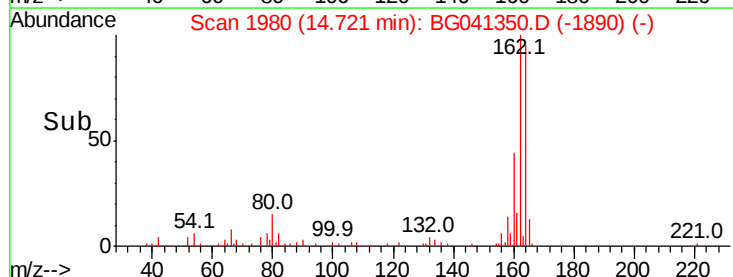
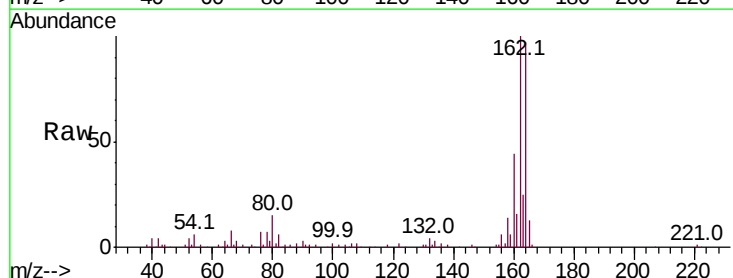
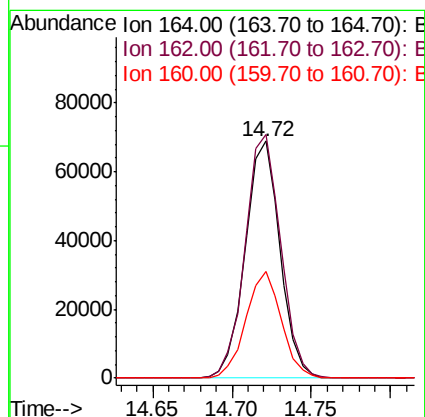
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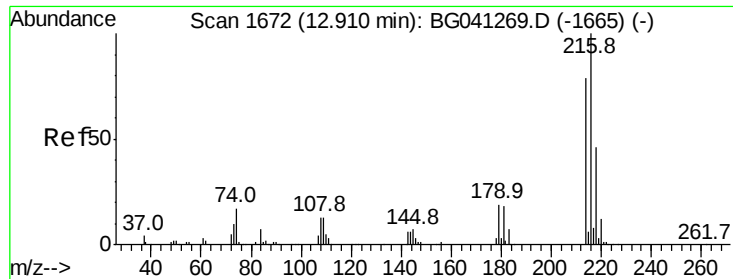
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.8	124.2
160	44.8	35.8	53.8





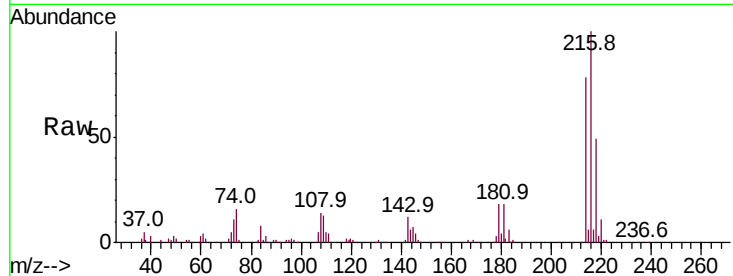
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.745 ng
 RT: 12.91 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

Instrument :
 BNA_G
 ClientSampleId :
 SOILMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	206731		
214	78.9		62.8	94.2
179	18.3		15.2	22.8
108	14.8		12.4	18.6

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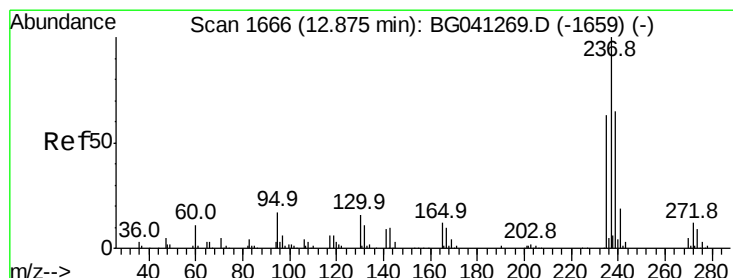
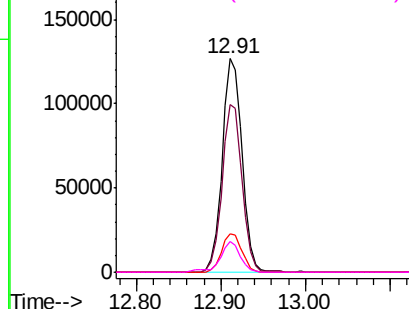
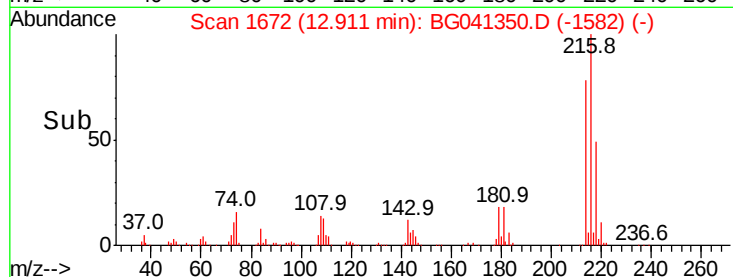
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

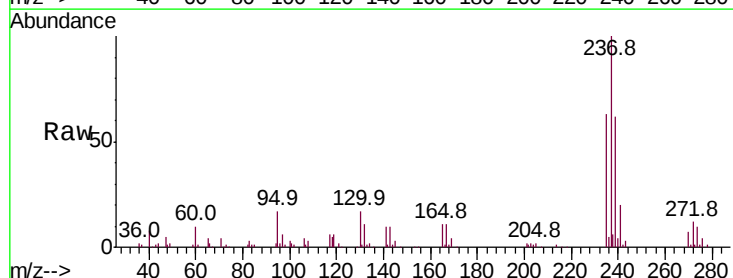
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41
 Hexachlorocyclopentadiene
 Concen: 26.339 ng
 RT: 12.88 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	76820		
235	63.2		42.9	82.9
272	12.2		0.0	32.0

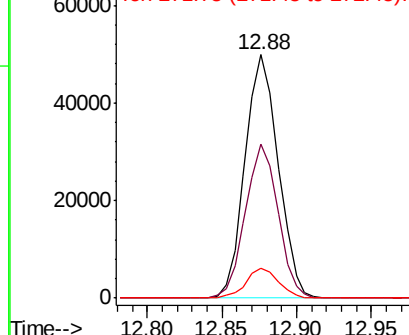
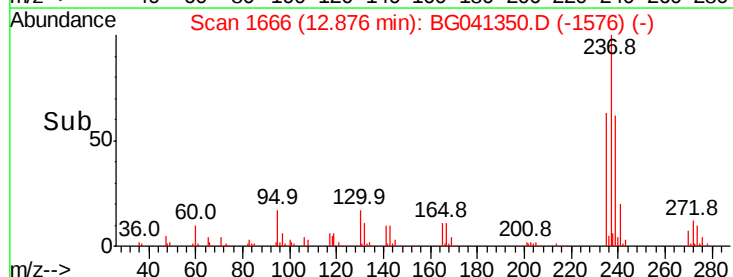


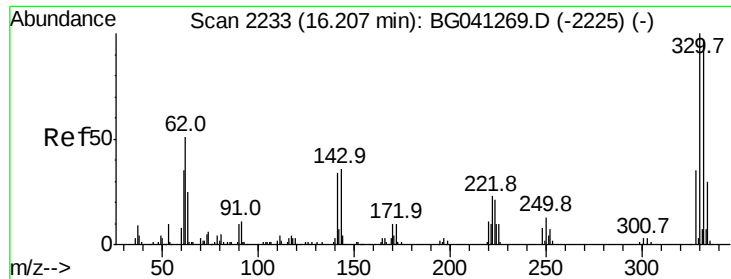
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





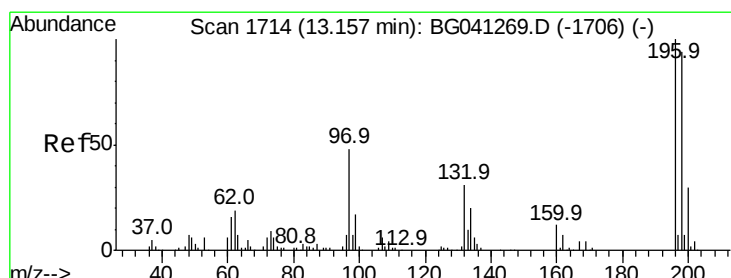
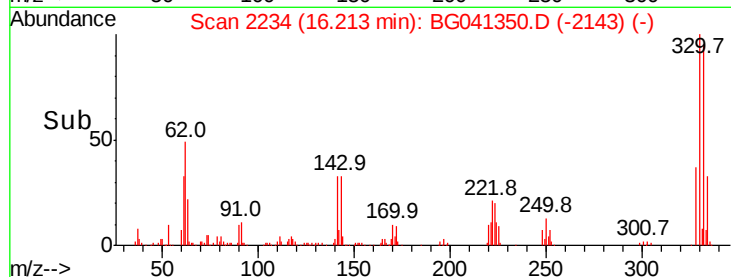
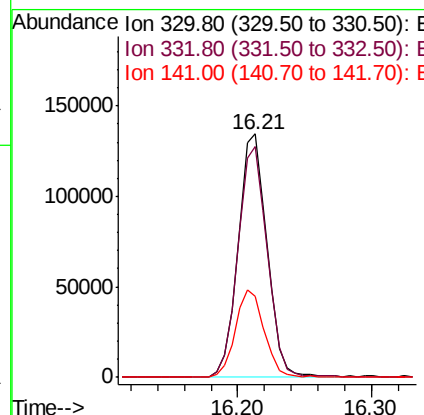
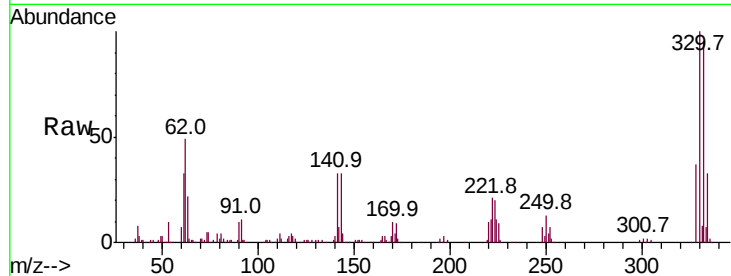
#42
 2,4,6-Tribromophenol
 Concen: 125.368 ng
 RT: 16.21 min Scan# 2234
 Delta R.T. 0.01 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

Instrument :
 BNA_G
 ClientSampled :
 SOILMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	201820		
332	96.6	75.5	113.3	
141	36.4	29.0	43.4	

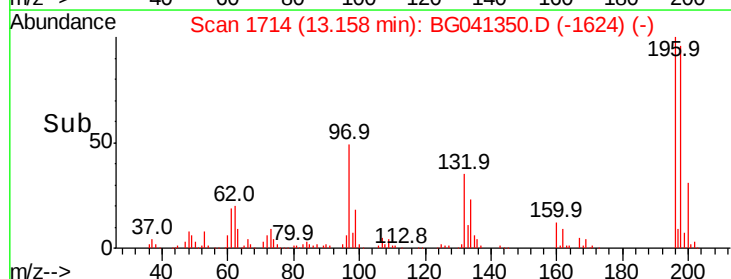
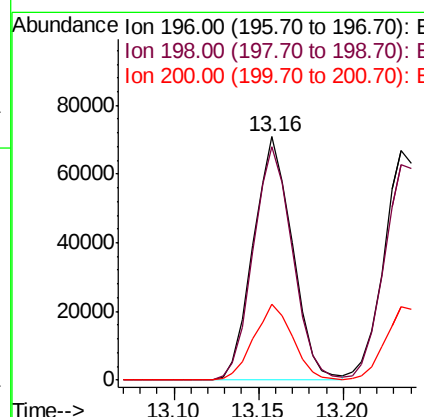
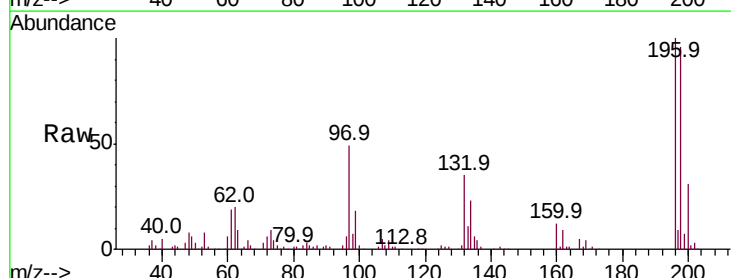
Manual Integrations
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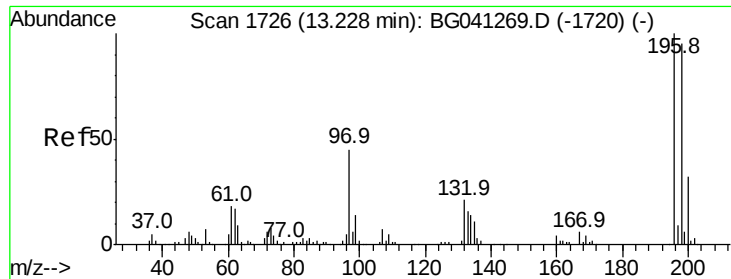
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#43
 2,4,6-Trichlorophenol
 Concen: 42.386 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	113534		
198	96.0	74.9	112.3	
200	31.3	24.2	36.2	





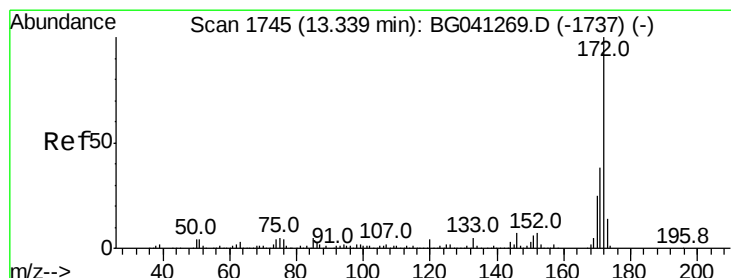
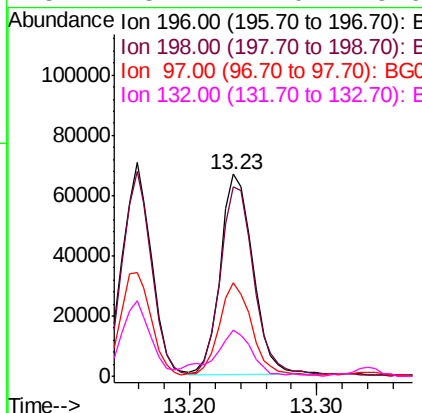
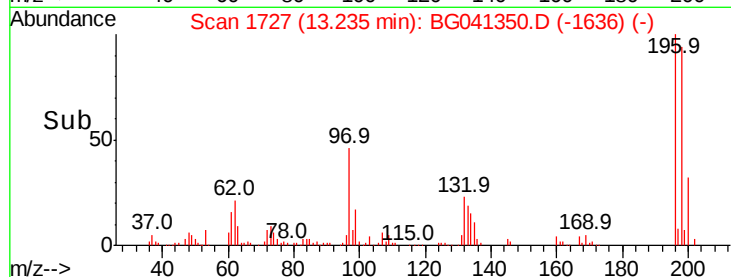
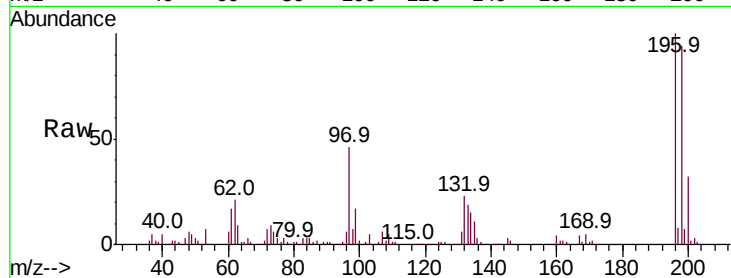
#44
 2,4,5-Trichlorophenol
 Concen: 43.318 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. 0.01 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

Instrument :
 BNA_G
 ClientSampleId :
 SOILMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	119387		
198	93.7	76.1	114.1	
97	46.0	35.9	53.9	
132	23.2	17.0	25.6	

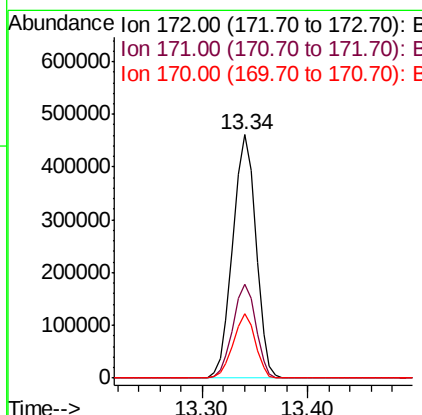
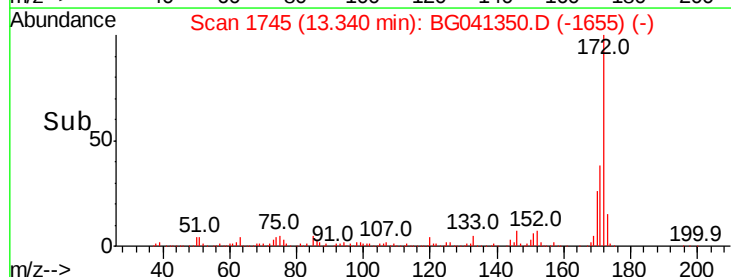
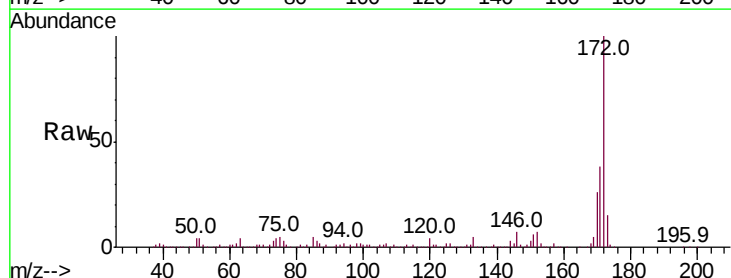
Manual Integrations
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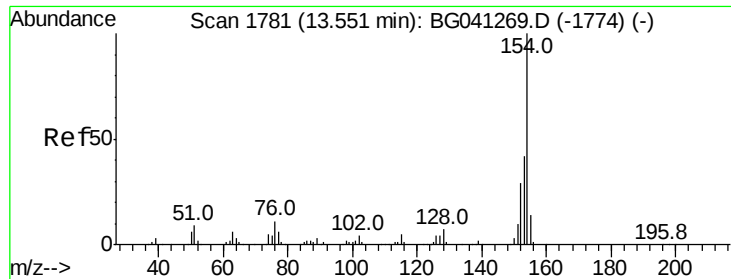
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#45
 2-Fluorobiphenyl
 Concen: 90.343 ng
 RT: 13.34 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	696995		
171	38.3	30.0	45.0	
170	26.5	19.8	29.6	





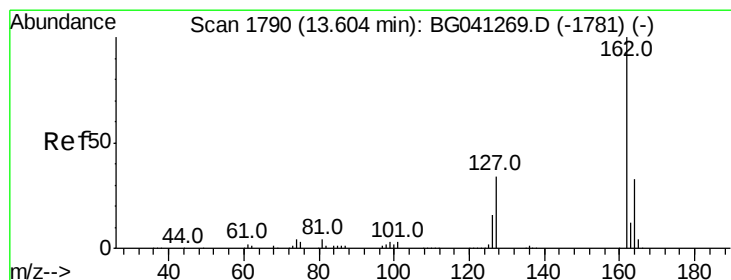
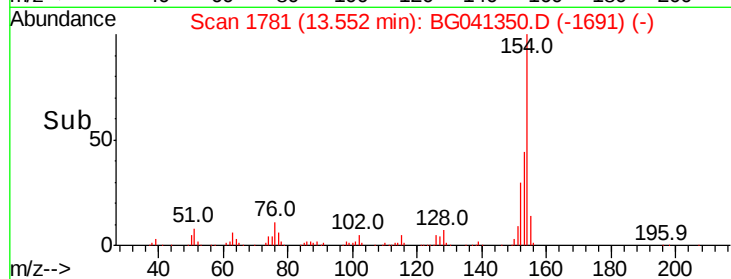
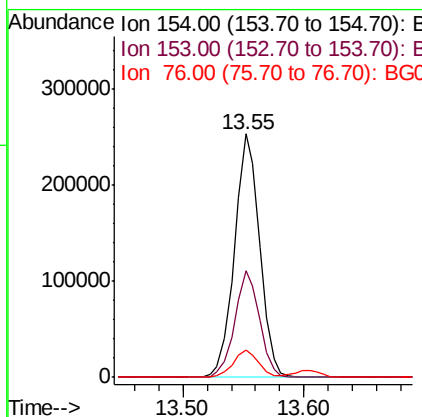
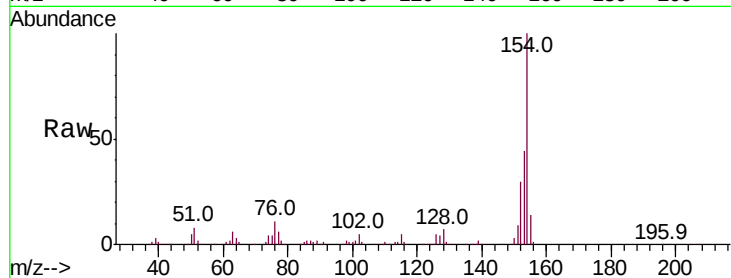
#46
1,1'-Biphenyl
Concen: 46.253 ng
RT: 13.55 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Instrument :
BNA_G
ClientSampleId :
SOILMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.6	22.3	62.3
76	11.2	0.0	30.8

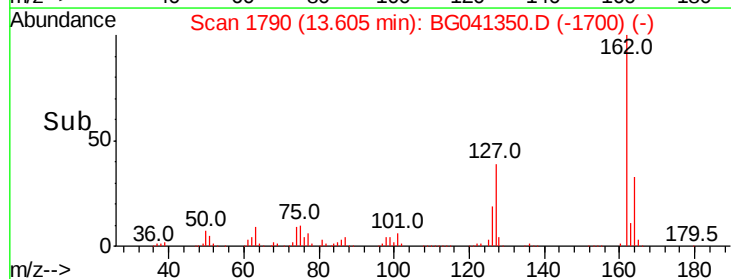
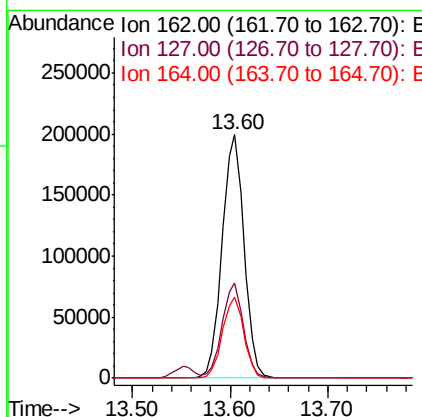
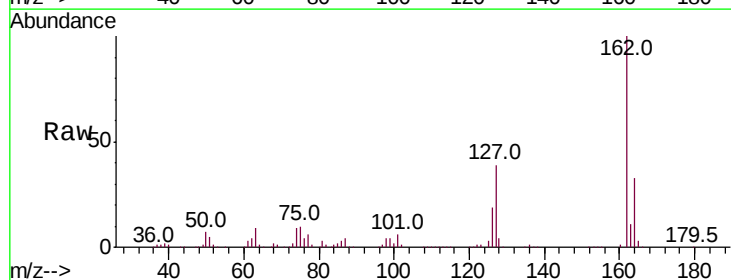
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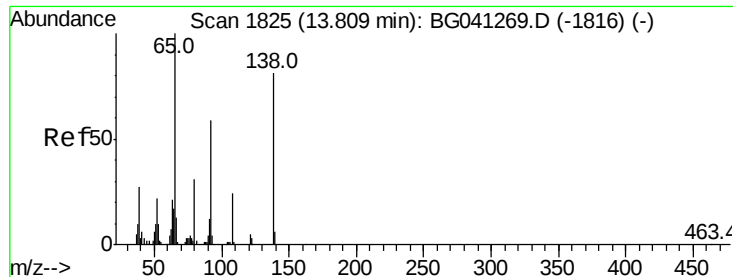
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#47
2-Chloronaphthalene
Concen: 45.395 ng
RT: 13.60 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.0	46.4
164	33.1	26.1	39.1





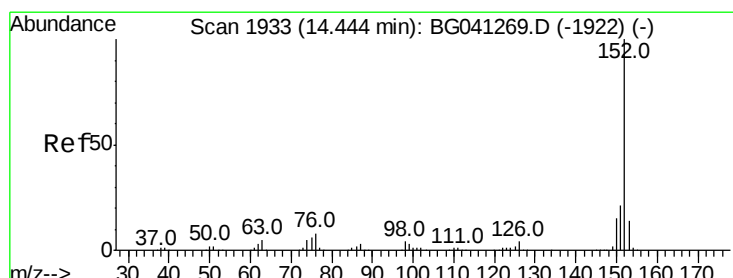
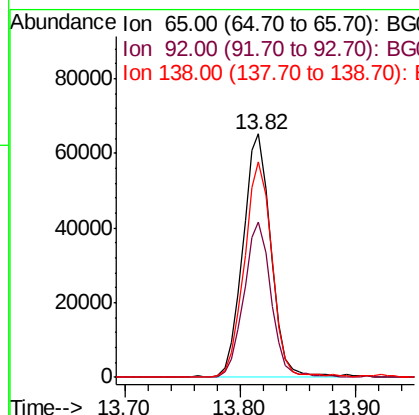
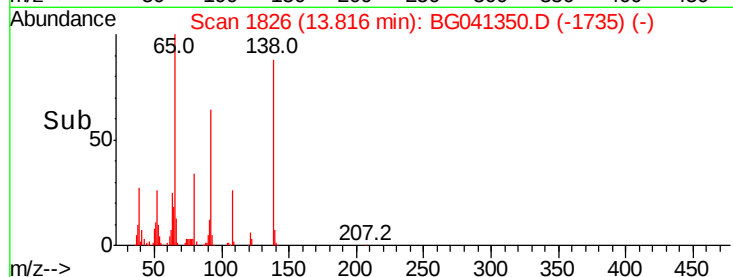
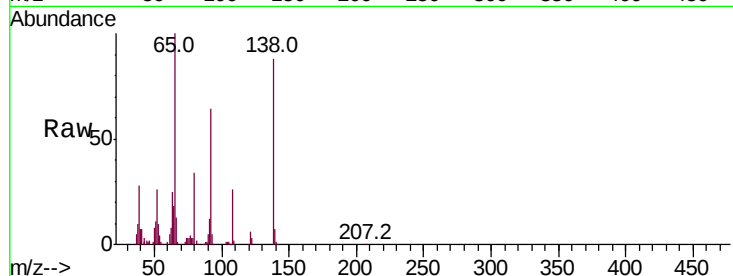
#48
2-Nitroaniline
Concen: 43.895 ng
RT: 13.82 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Instrument :
BNA_G
ClientSampleId :
SOILMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.7	47.4	71.2
138	88.4	64.7	97.1

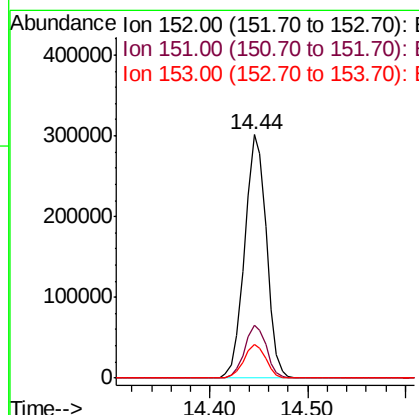
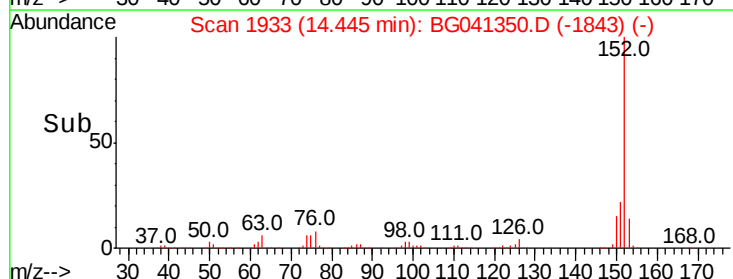
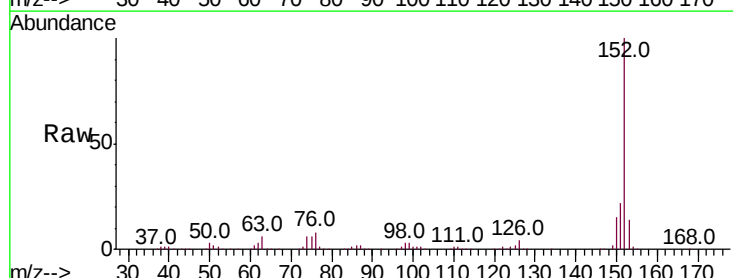
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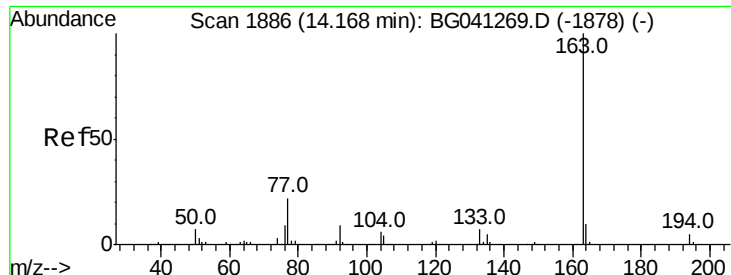
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#49
Acenaphthylene
Concen: 45.353 ng
RT: 14.44 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.8	25.2
153	14.0	10.8	16.2





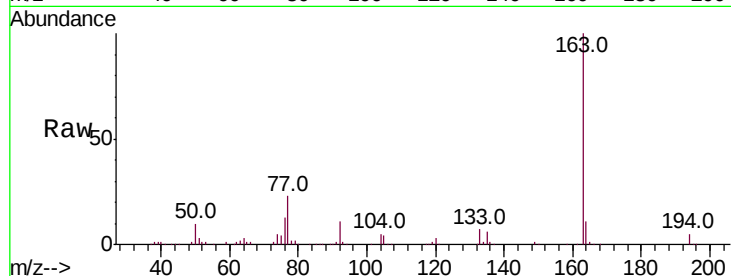
#50
Dimethylphthalate
Concen: 42.668 ng
RT: 14.17 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Instrument :
BNA_G
ClientSampleId :
SOILMS

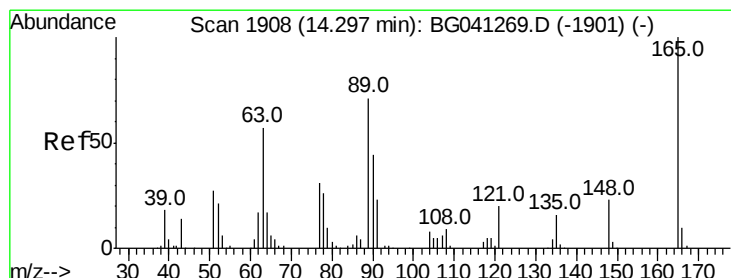
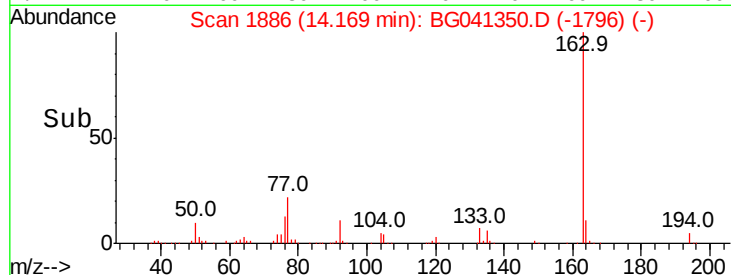
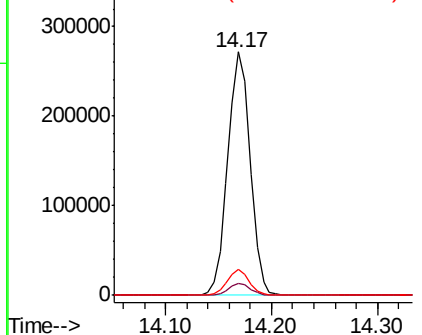
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.9	3.9	5.9
164	10.8	8.3	12.5

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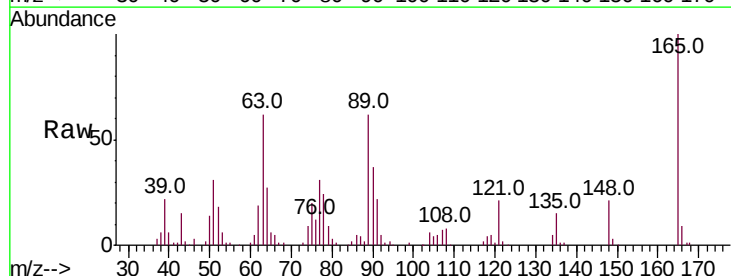


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

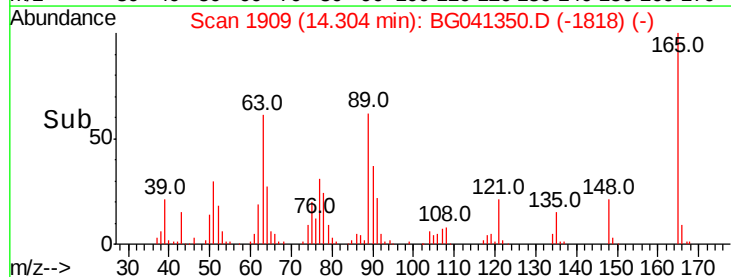
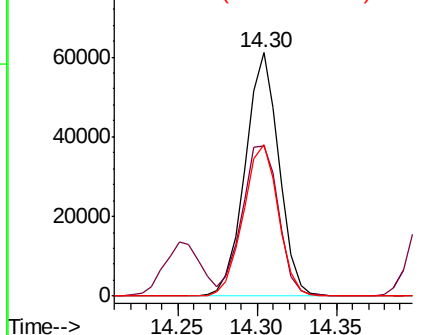


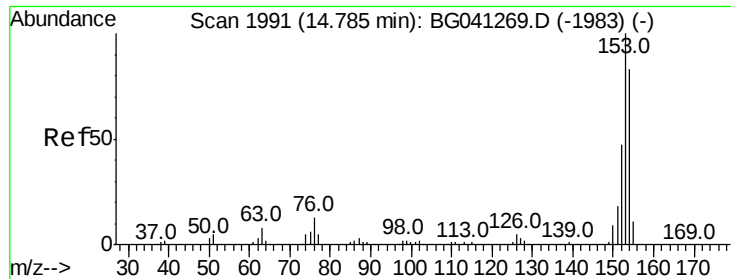
#51
2,6-Dinitrotoluene
Concen: 45.671 ng
RT: 14.30 min Scan# 1909
Delta R.T. 0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	61.7	55.4	83.0
89	62.1	56.5	84.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 45.686 ng

RT: 14.79 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

ClientSampled :

SOILMS

Tot Ion:154 Resp: 277839

Ion Ratio Lower Upper

154 100

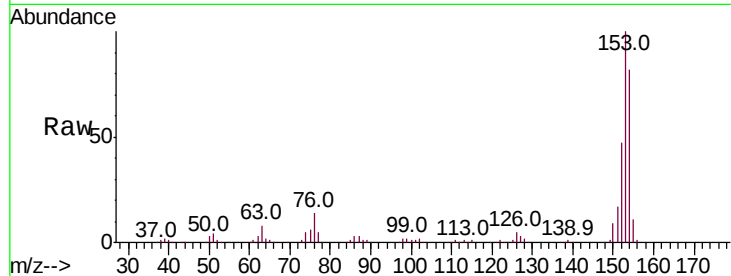
153 121.9 96.6 145.0

152 56.9 45.5 68.3

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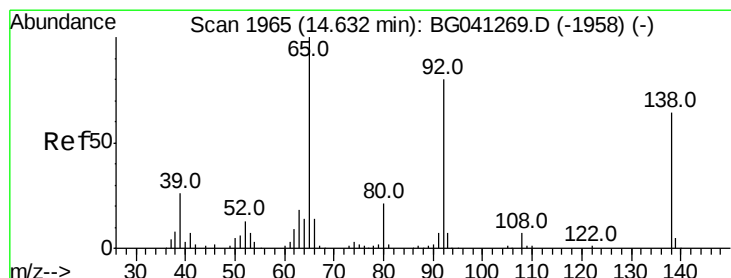
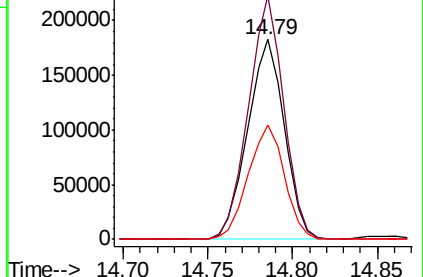
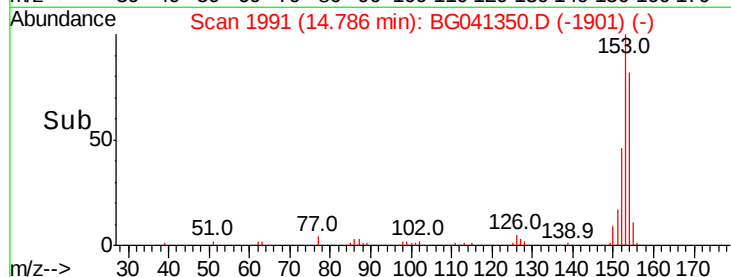
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 26.973 ng

RT: 14.64 min Scan# 1966

Delta R.T. 0.01 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

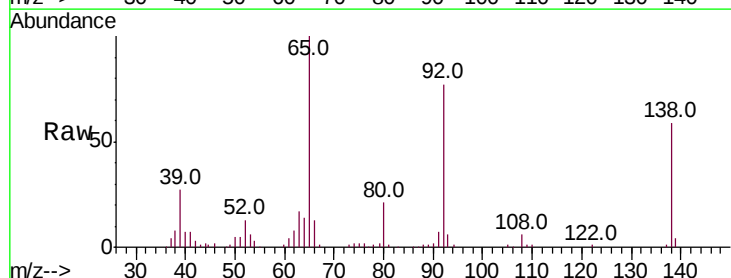
Tgt Ion:138 Resp: 52280

Ion Ratio Lower Upper

138 100

108 10.6 8.3 12.5

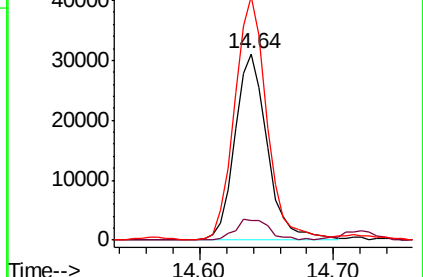
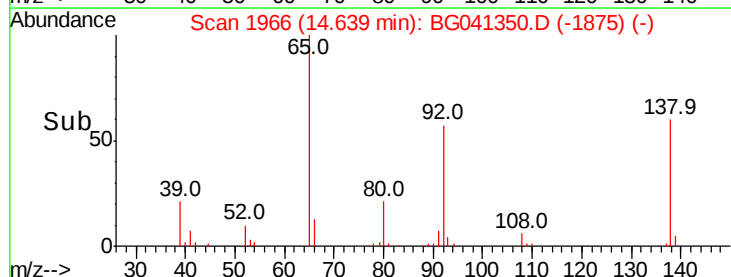
92 130.7 100.2 150.4

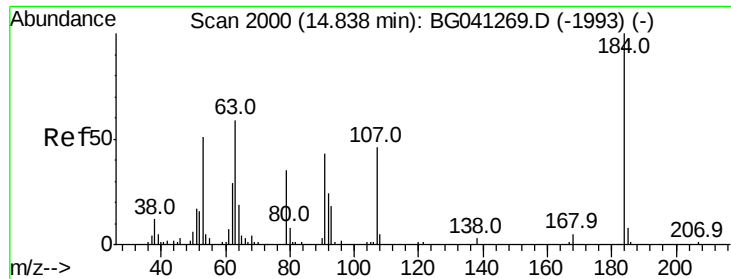


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





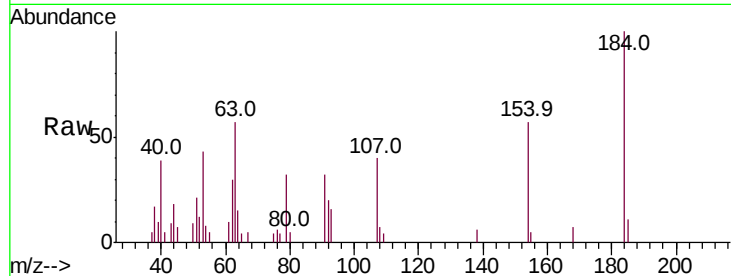
#54
2,4-Dinitrophenol
Concen: 11.587 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.02 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Instrument :
BNA_G
ClientSampleId :
SOILMS

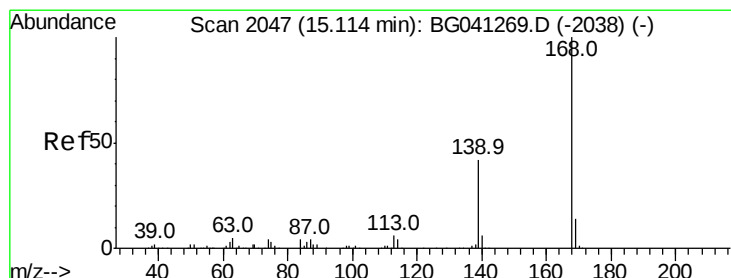
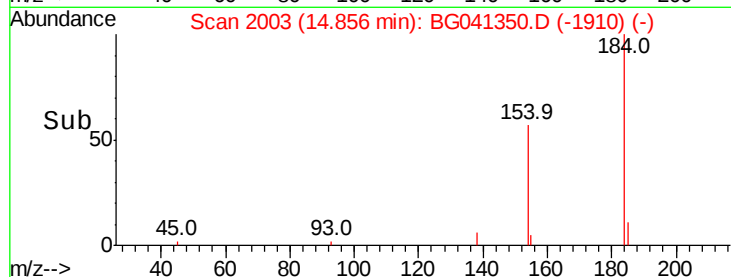
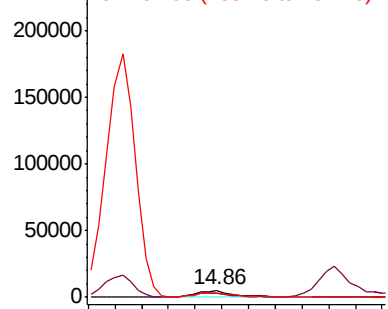
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	56.8	60.0	90.0#	
154	56.6	58.3	87.5#	

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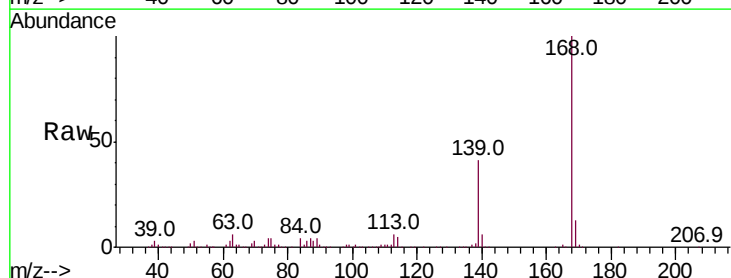


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

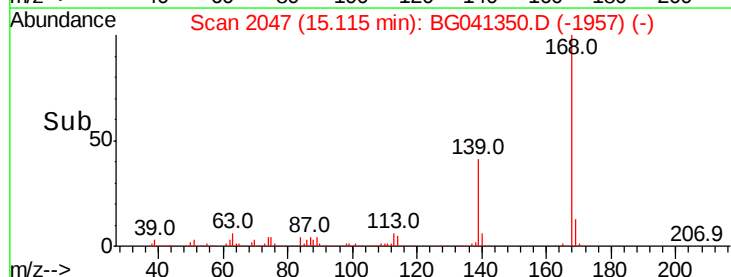
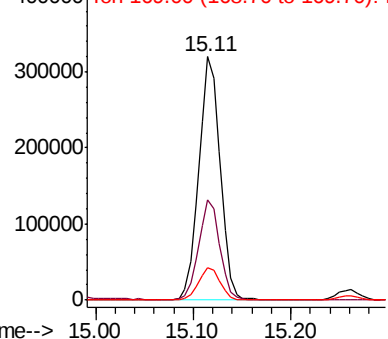


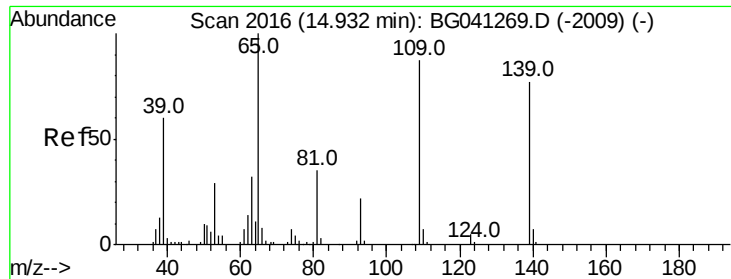
#55
Dibenzofuran
Concen: 45.794 ng
RT: 15.11 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.4	33.6	50.4	
169	13.5	10.8	16.2	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





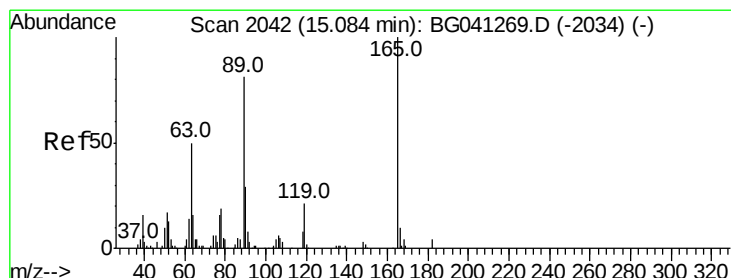
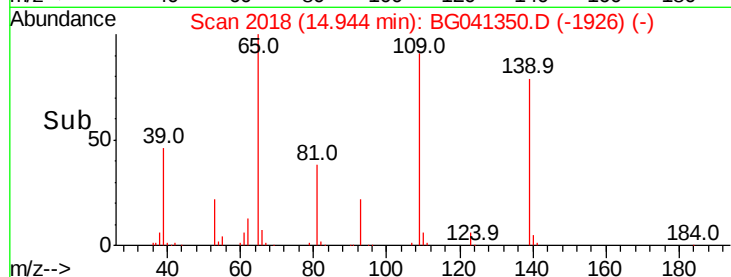
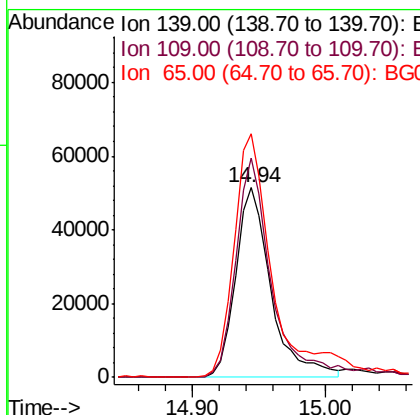
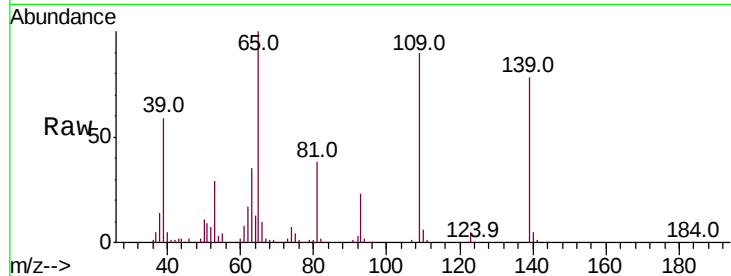
#56
4-Nitrophenol
Concen: 64.935 ng
RT: 14.94 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Instrument :
BNA_G
ClientSampleId :
SOILMS

Tot Ion:139 Resp: 94684
Ion Ratio Lower Upper
139 100
109 116.0 93.2 133.2
65 128.6 110.2 150.2

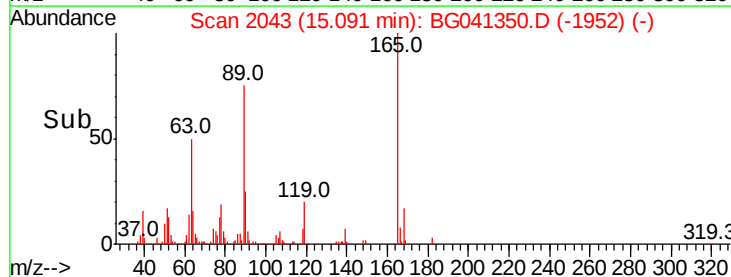
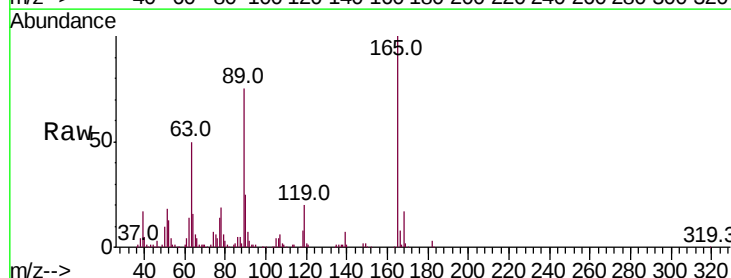
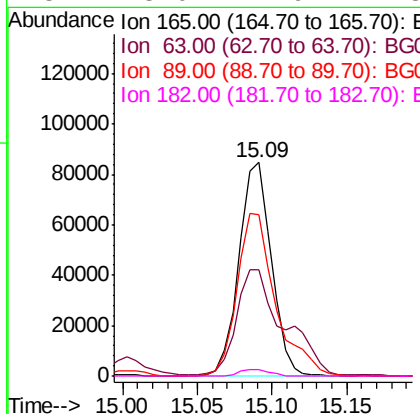
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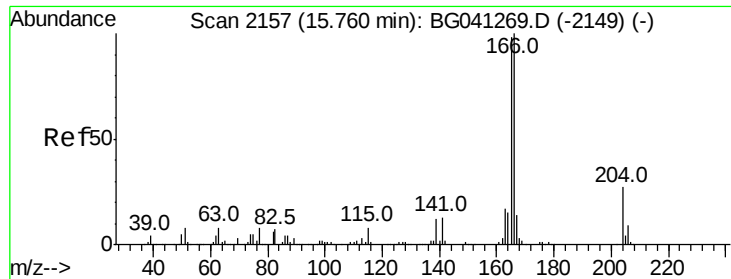
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#57
2,4-Dinitrotoluene
Concen: 44.367 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion:165 Resp: 127588
Ion Ratio Lower Upper
165 100
63 49.6 40.0 60.0
89 75.3 64.6 96.8
182 3.0 2.9 4.3





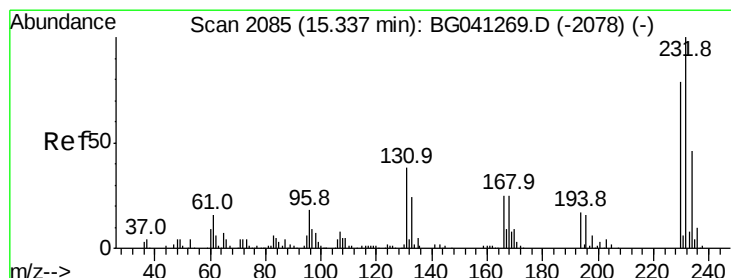
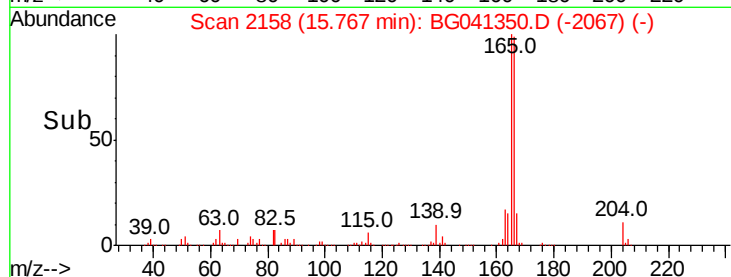
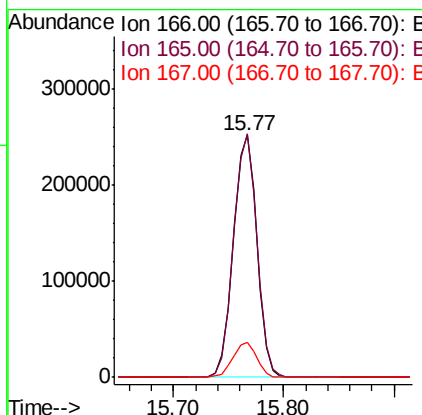
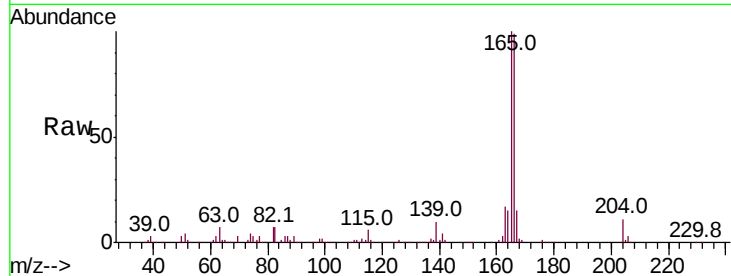
#58
 Fluorene
 Concen: 45.544 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. 0.01 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

Instrument :
 BNA_G
 ClientSampleId :
 SOILMS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.5	78.8	118.2	
167	14.6	11.3	16.9	

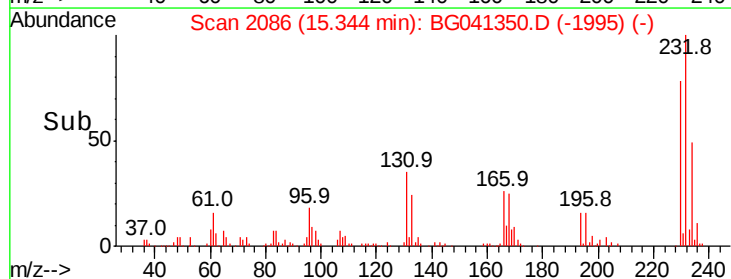
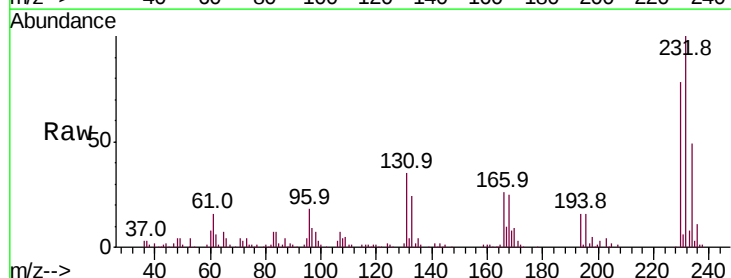
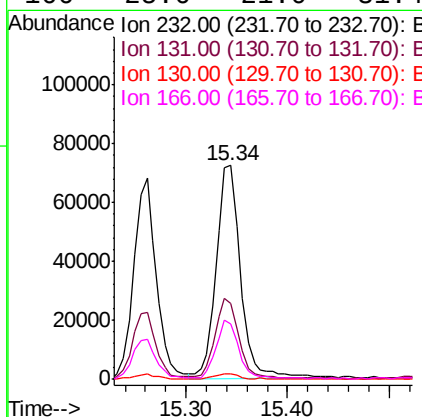
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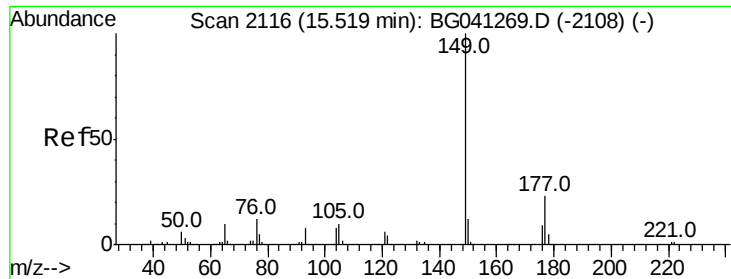
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#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.125 ng
 RT: 15.34 min Scan# 2086
 Delta R.T. 0.01 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	36.4	29.0	43.6	
130	2.3	1.6	2.4	
166	25.6	21.0	31.4	





#60

Diethylphthalate

Concen: 43.035 ng

RT: 15.52 min Scan# 2116

Delta R.T. 0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

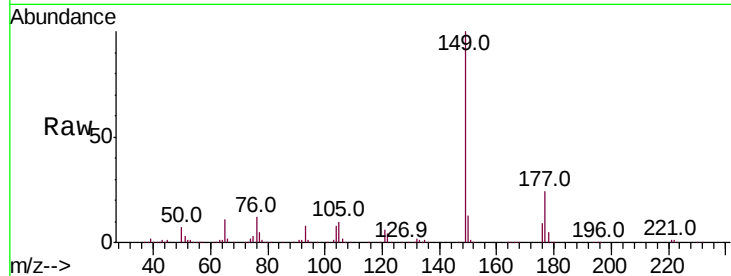
ClientSampleId :

SOILMS

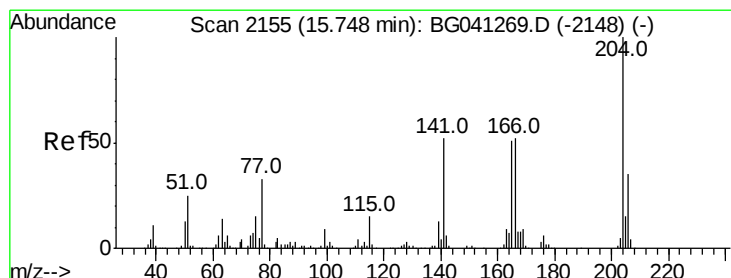
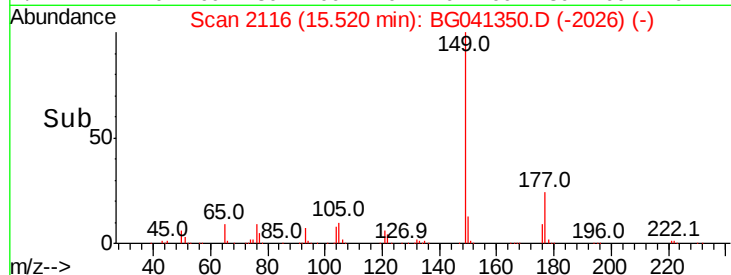
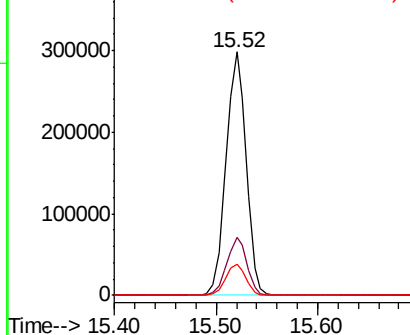
Tot Ion:	149	Resp:	408102
Ion Ratio	Lower	Upper	
149	100		
177	24.0	18.4	27.6
150	12.6	9.9	14.9

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#61

4-Chlorophenyl-phenylether

Concen: 44.706 ng

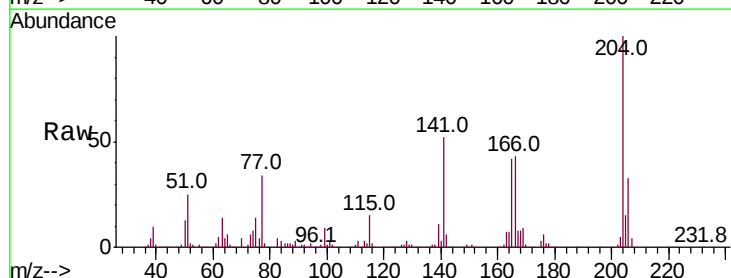
RT: 15.75 min Scan# 2155

Delta R.T. 0.00 min

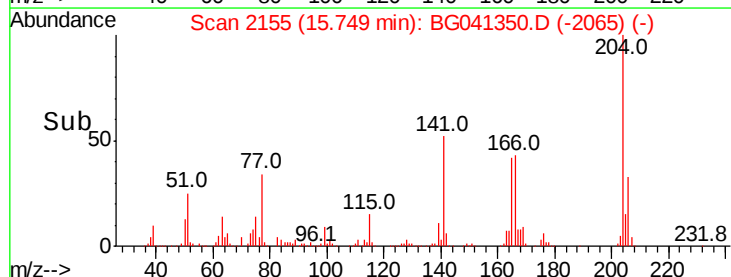
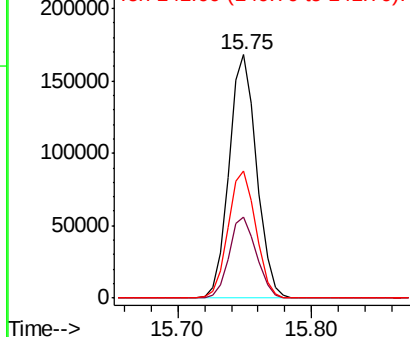
Lab File: BG041350.D

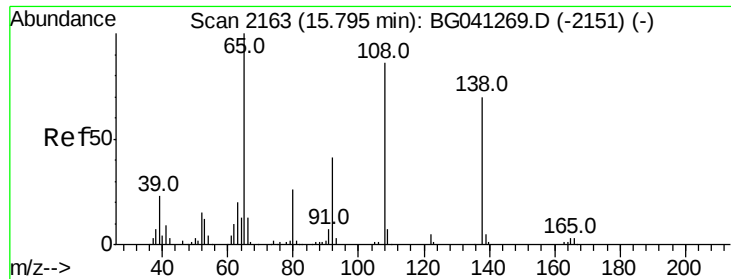
Acq: 20 Jun 2019 6:53

Tgt Ion:	204	Resp:	241940
Ion Ratio	Lower	Upper	
204	100		
206	33.5	27.9	41.9
141	52.2	41.4	62.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





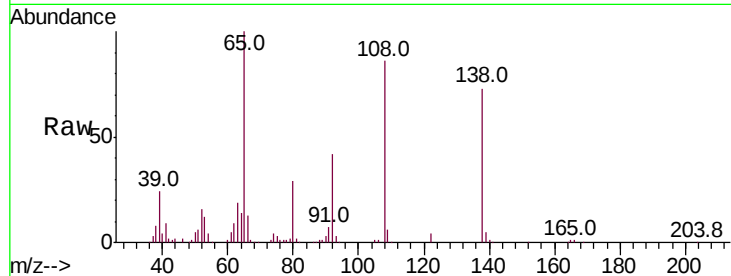
#62
4-Nitroaniline
Concen: 40.868 ng
RT: 15.80 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Instrument :
BNA_G
ClientSampleId :
SOILMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	57.2	38.8	78.8
108	118.3	103.4	143.4

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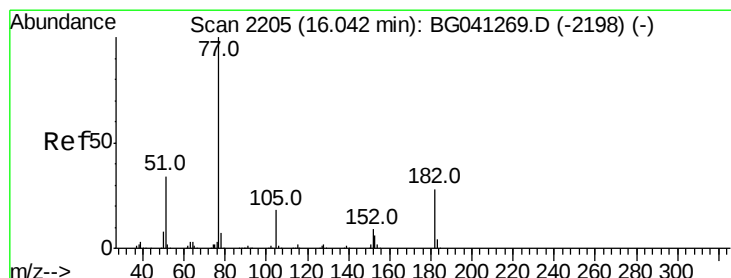
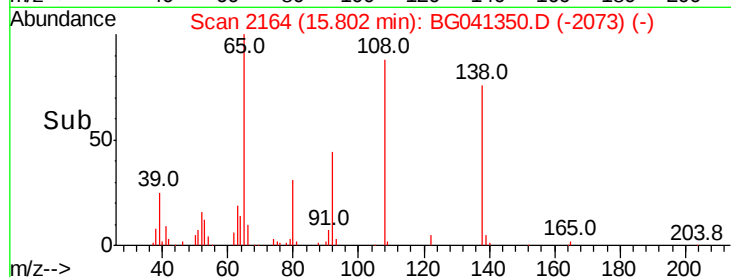
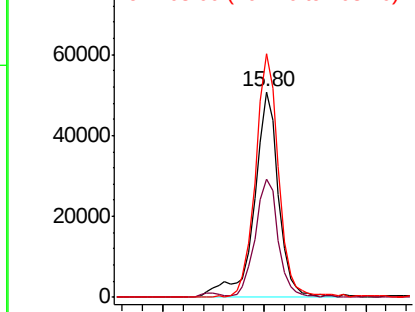


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#63
Azobenzene
Concen: 45.255 ng
RT: 16.04 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.0	7.5	47.5
105	17.9	0.0	37.7
51	36.2	14.6	54.6

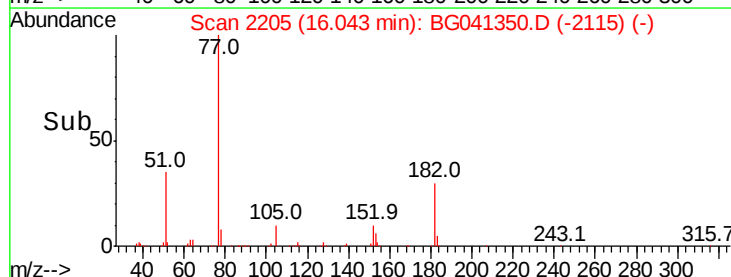
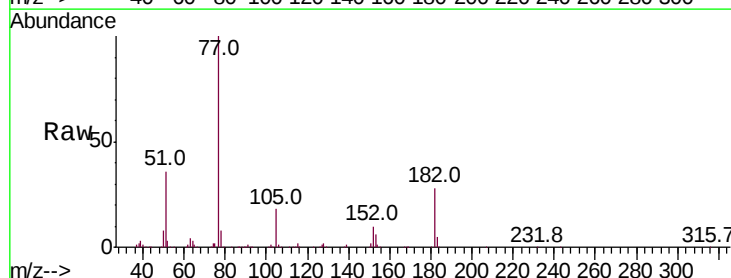
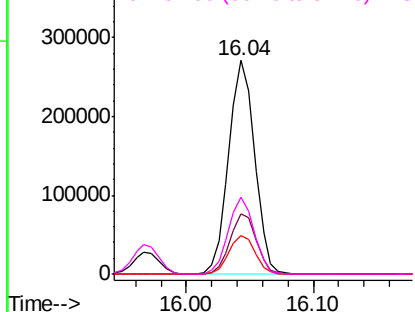
Abundance

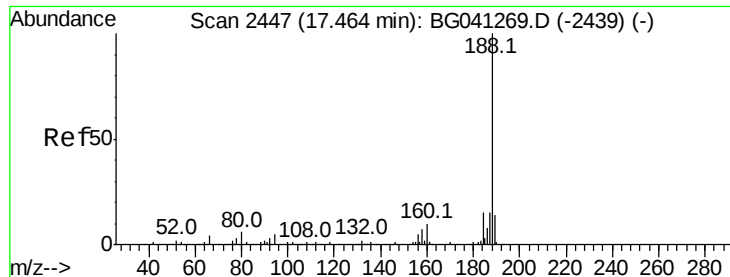
Ion 77.00 (76.70 to 77.70): BG

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): BG





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

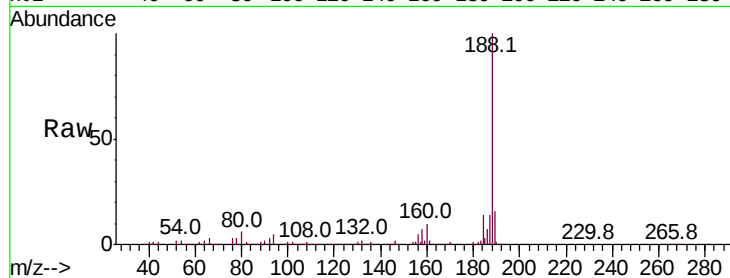
ClientSampleId :

SOILMS

Tot Ion:	188	Resp:	258383
Ion Ratio	Lower	Upper	
188	100		
94	5.3	3.6	5.4
80	6.1	4.8	7.2

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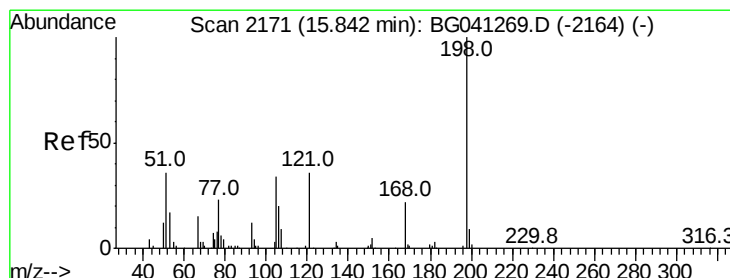
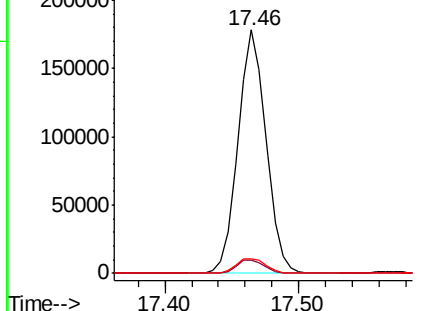
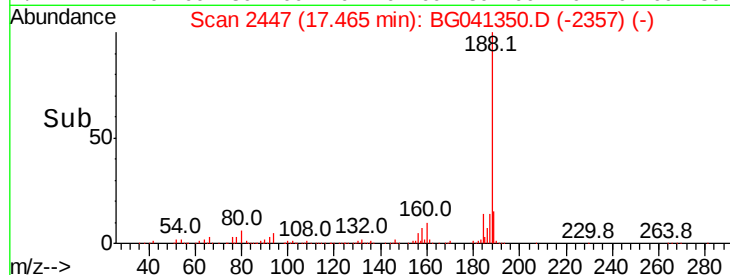


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 8.182 ng

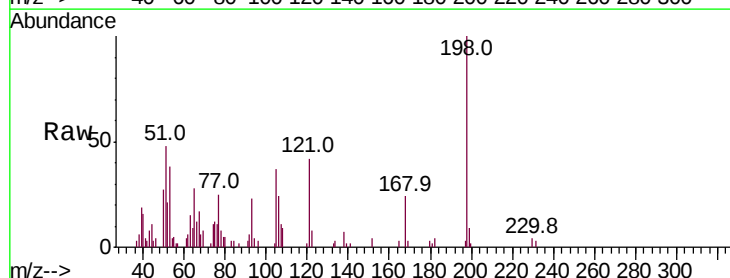
RT: 15.85 min Scan# 2172

Delta R.T. 0.01 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

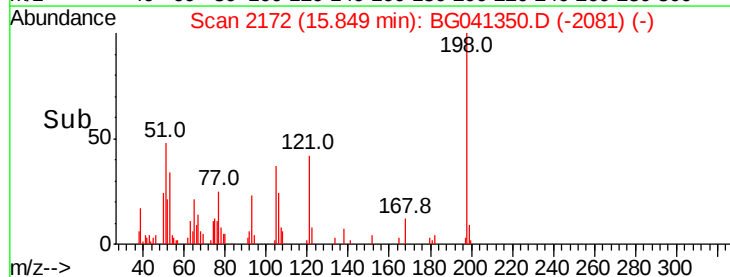
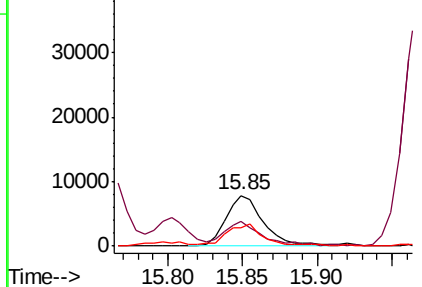
Tgt Ion:	198	Resp:	13722
Ion Ratio	Lower	Upper	
198	100		
51	48.0	23.4	63.4
105	36.6	15.8	55.8

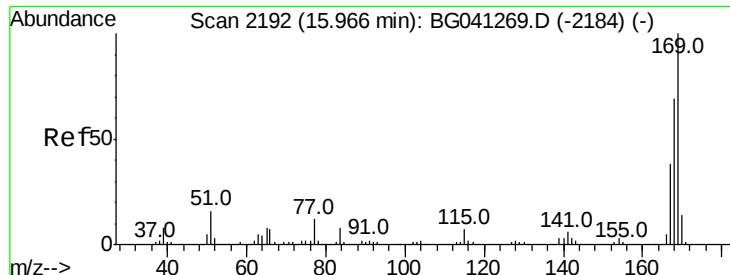


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





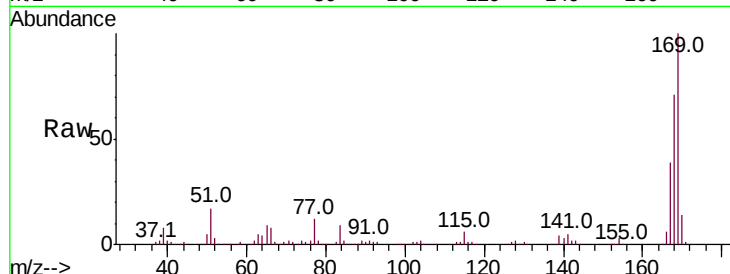
#66
 n-Nitrosodiphenylamine
 Concen: 49.847 ng
 RT: 15.97 min Scan# 2192
 Delta R.T. 0.00 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

Instrument :
 BNA_G
 ClientSampleId :
 SOILMS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	71.1	55.2	82.8	
167	38.6	30.4	45.6	

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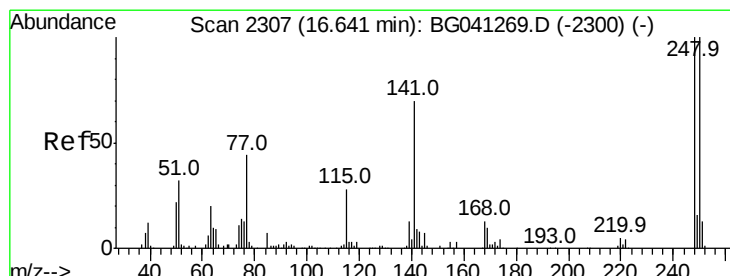
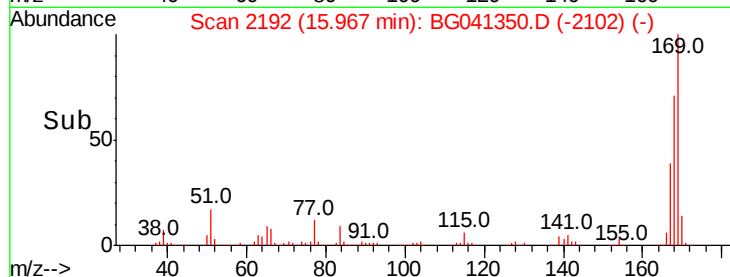
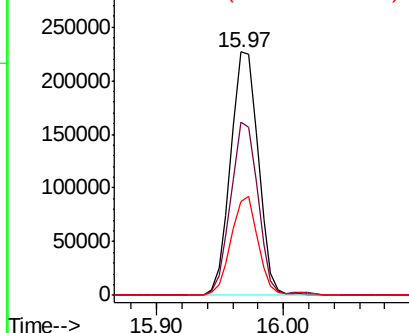


Abundance

Ion 169.00 (168.70 to 169.70): E

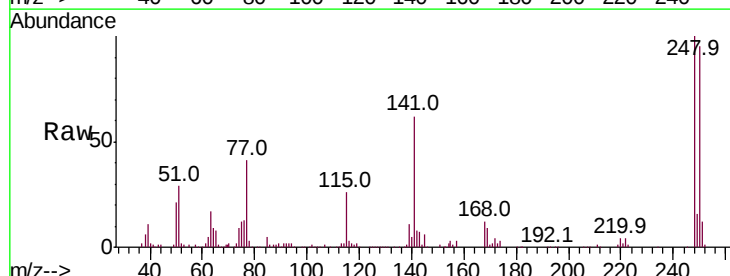
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67
 4-Bromophenyl-phenylether
 Concen: 47.034 ng
 RT: 16.65 min Scan# 2308
 Delta R.T. 0.01 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	95.2	79.8	119.8	
141	61.9	55.8	83.6	

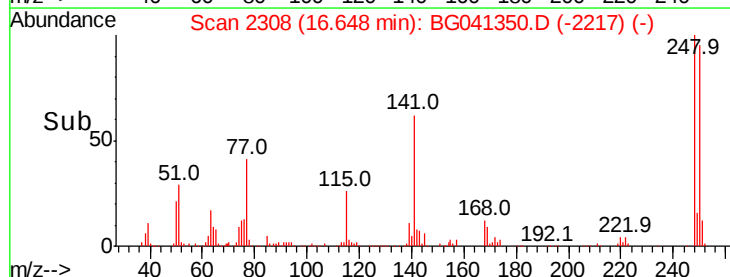
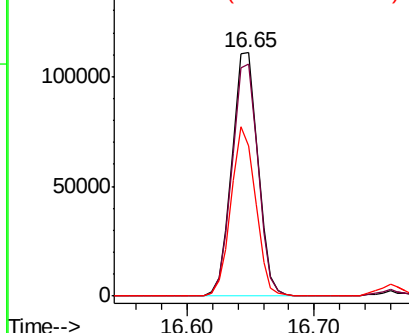


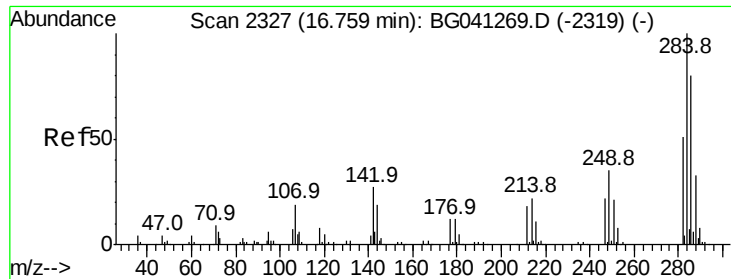
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





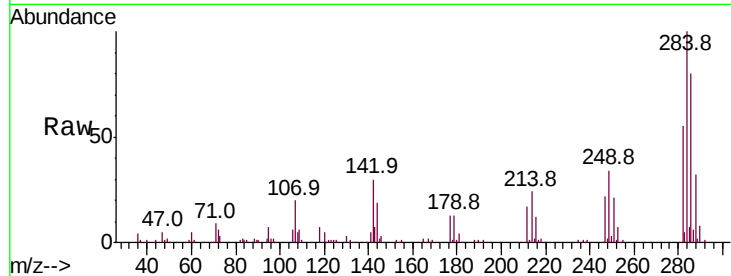
#68
Hexachlorobenzene
Concen: 45.807 ng
RT: 16.76 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Instrument :
BNA_G
ClientSampled :
SOILMS

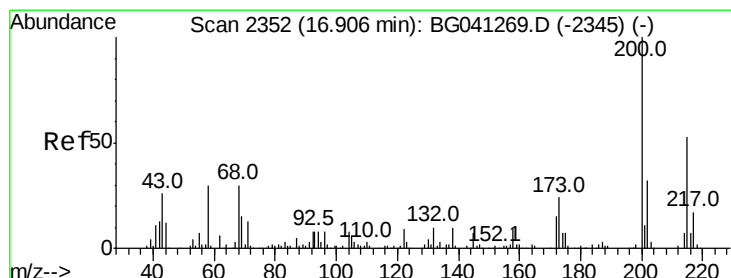
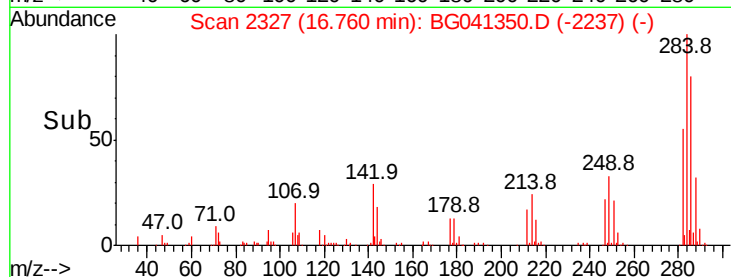
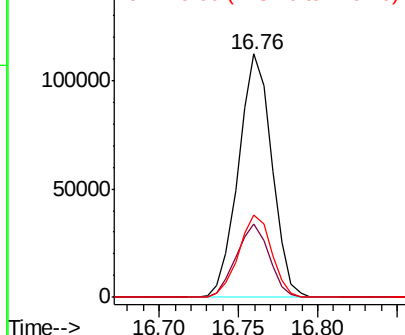
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	30.3	21.8	32.8
249	33.6	27.8	41.6

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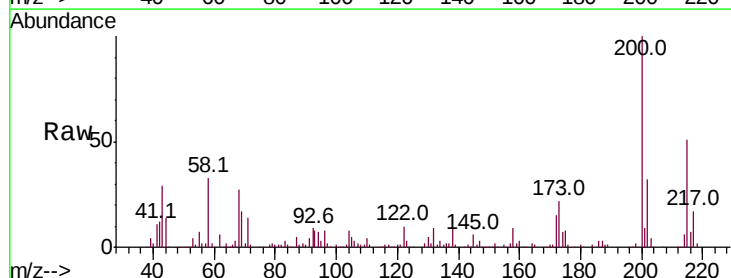


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

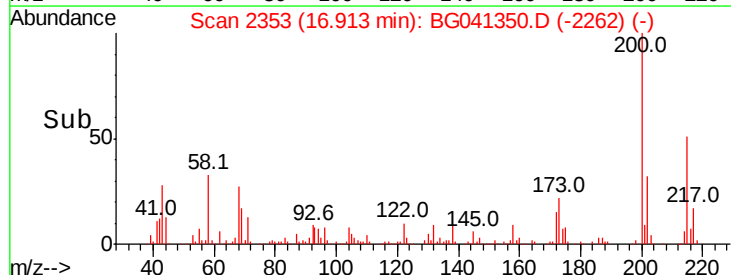
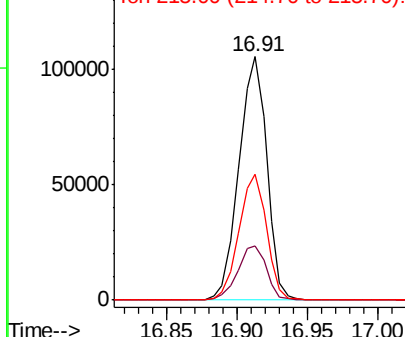


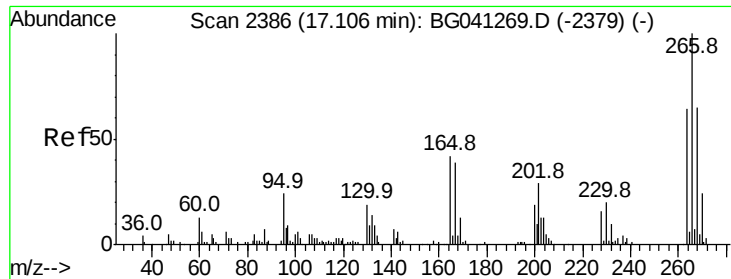
#69
Atrazine
Concen: Below Cal
RT: 16.91 min Scan# 2353
Delta R.T. 0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	22.1	4.0	44.0
215	51.5	33.4	73.4



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





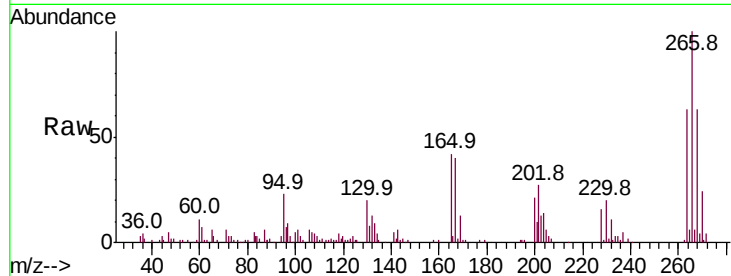
#70
 Pentachlorophenol
 Concen: 41.924 ng
 RT: 17.11 min Scan# 2387
 Delta R.T. 0.01 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

Instrument :
 BNA_G
 ClientSampled :
 SOILMS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.4	52.0	78.0	
264	62.9	51.2	76.8	

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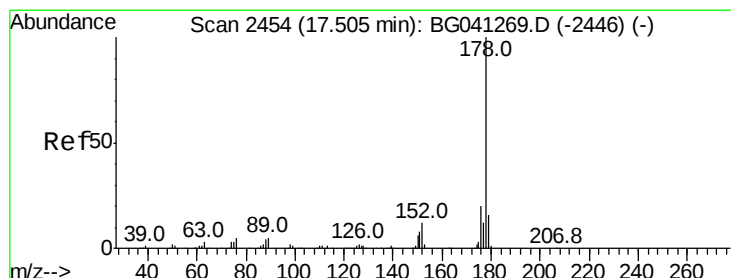
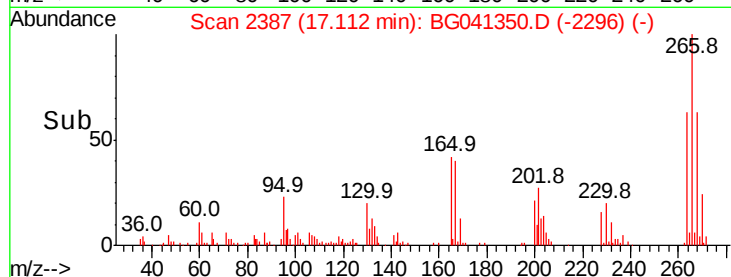
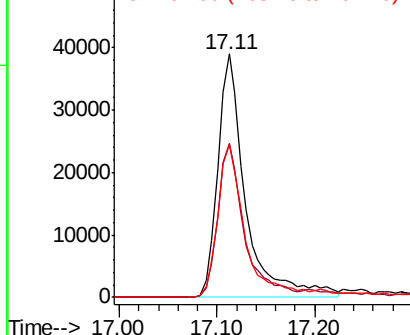


Abundance

Ion 265.70 (265.40 to 266.40): E

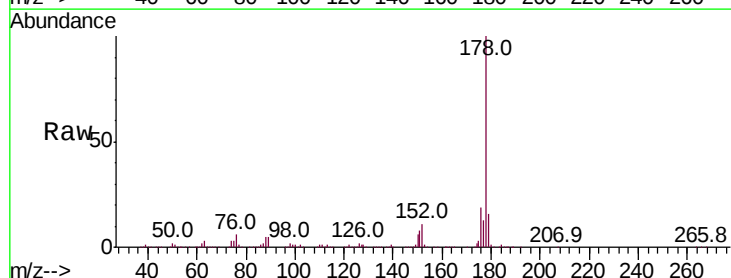
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71
 Phenanthrene
 Concen: 46.885 ng
 RT: 17.51 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	18.7	16.1	24.1	
179	15.9	12.9	19.3	

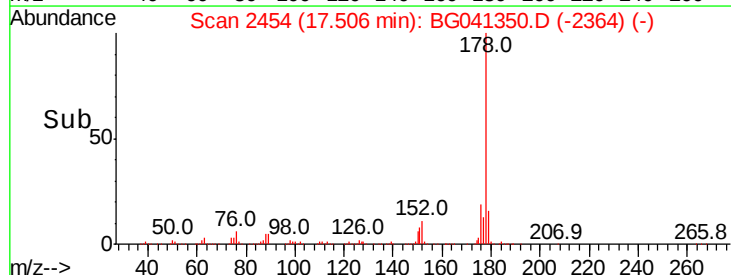
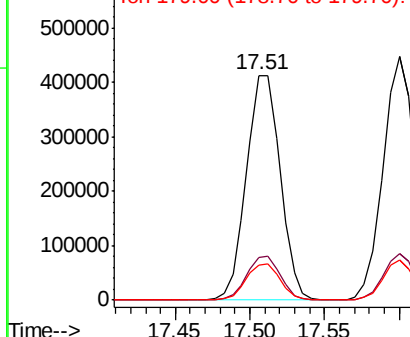


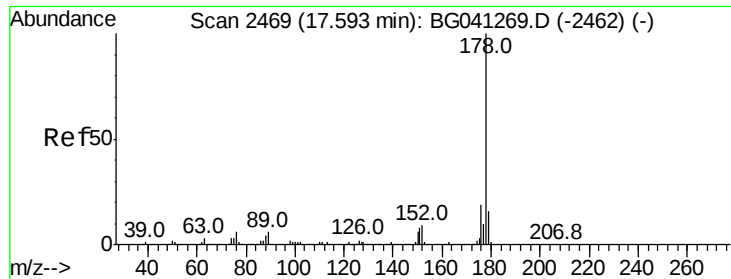
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





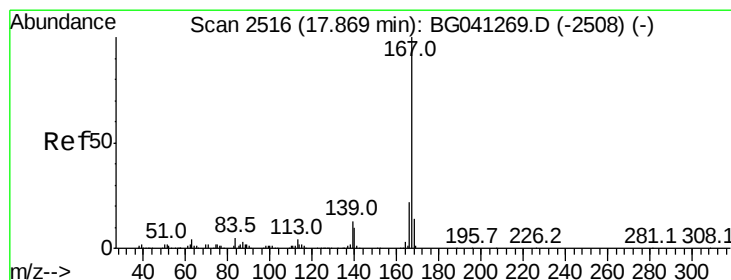
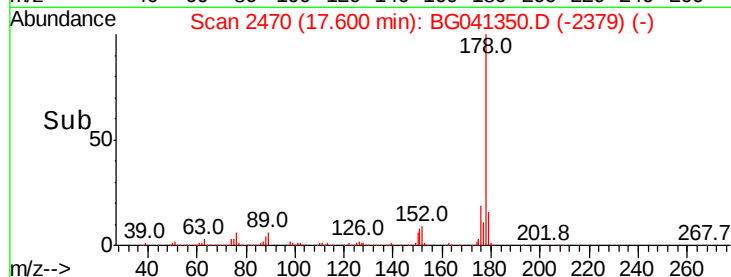
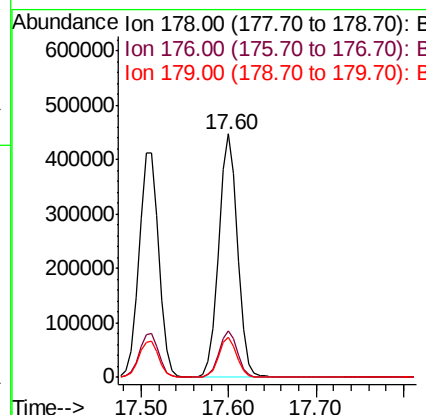
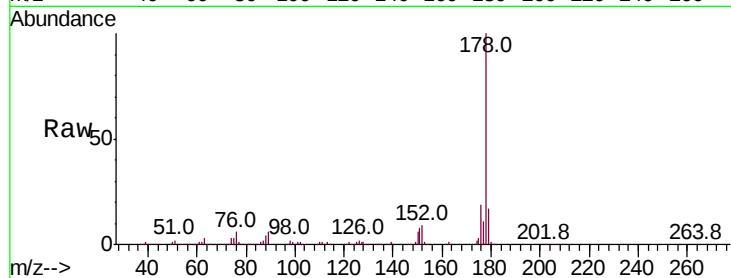
#72
 Anthracene
 Concen: 49.235 ng
 RT: 17.60 min Scan# 2470
 Delta R.T. 0.01 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

Instrument :
 BNA_G
 ClientSampleId :
 SOILMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	16.5	13.0	19.4

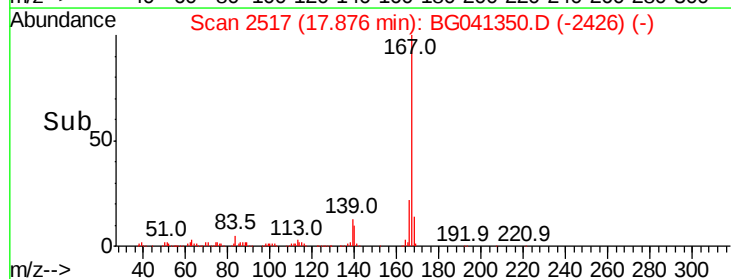
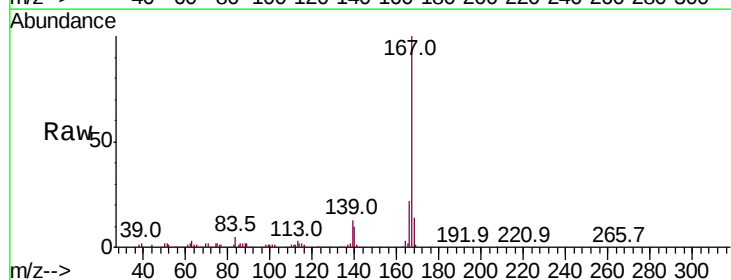
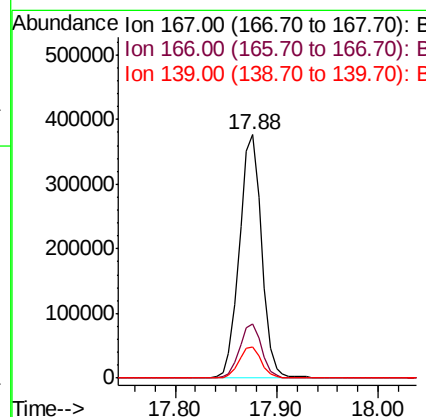
Manual Integrations
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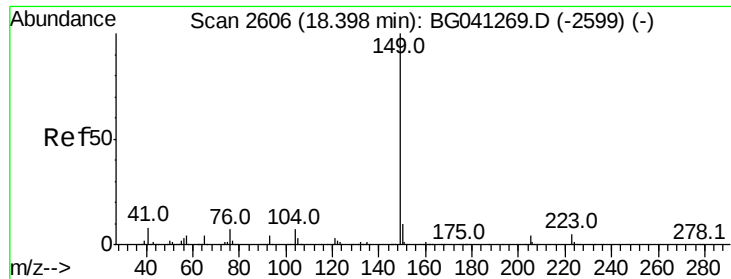
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#73
 Carbazole
 Concen: 48.255 ng
 RT: 17.88 min Scan# 2517
 Delta R.T. 0.01 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.9	26.9
139	12.8	10.7	16.1





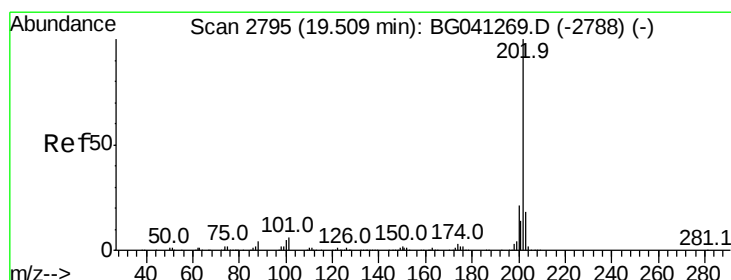
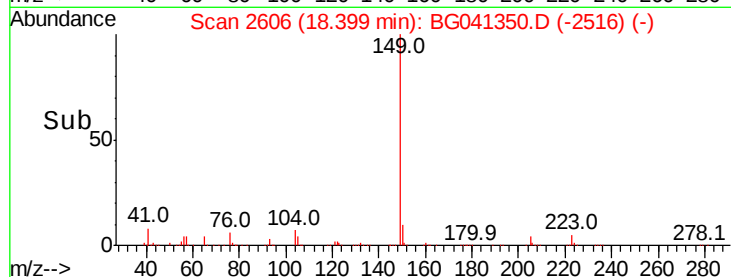
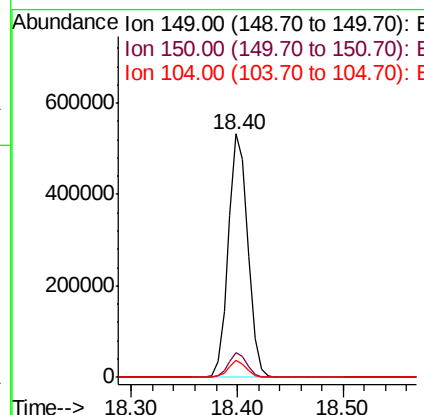
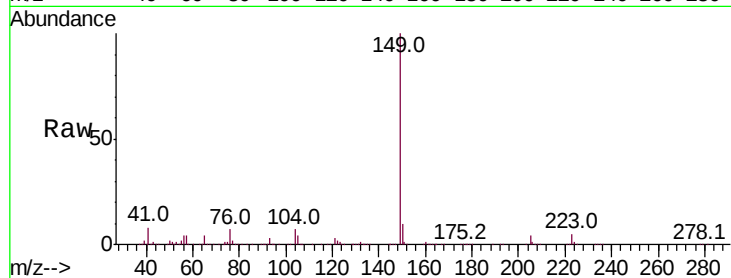
#74
Di-n-butylphthalate
Concen: 45.726 ng
RT: 18.40 min Scan# 2606
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Instrument :
BNA_G
ClientSampleId :
SOILMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	10.0	8.1	12.1	
104	6.8	5.4	8.0	

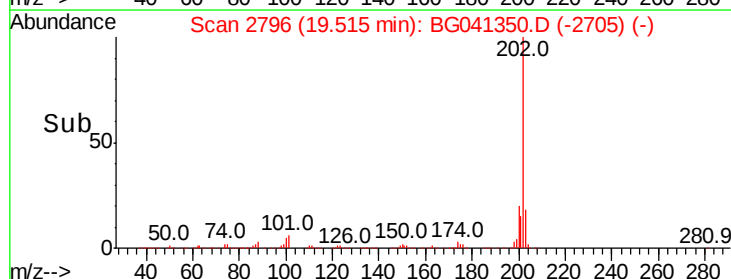
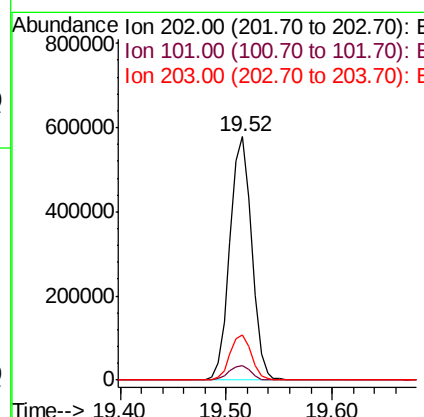
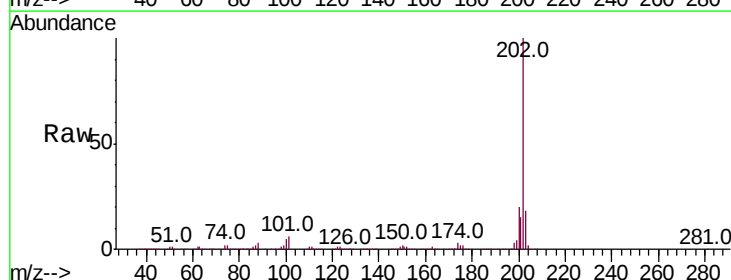
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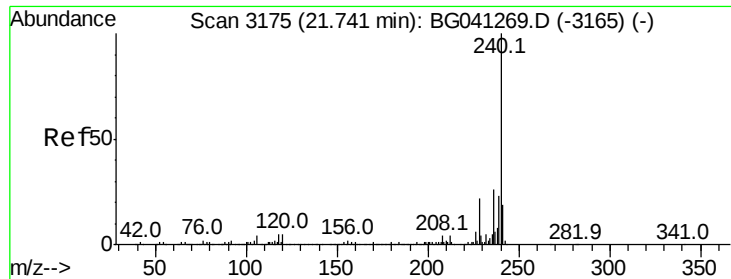
mohammad
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#75
Fluoranthene
Concen: 45.233 ng
RT: 19.52 min Scan# 2796
Delta R.T. 0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	5.7	0.0	26.0	
203	18.4	0.0	37.7	





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3176

Delta R.T. 0.01 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

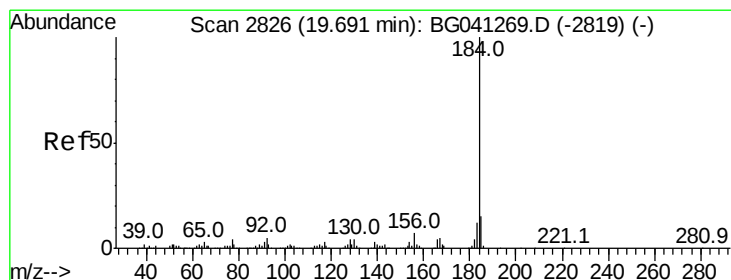
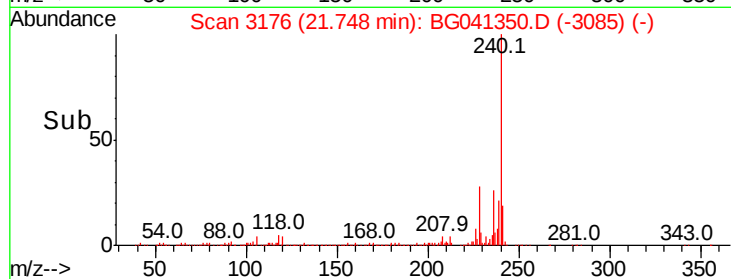
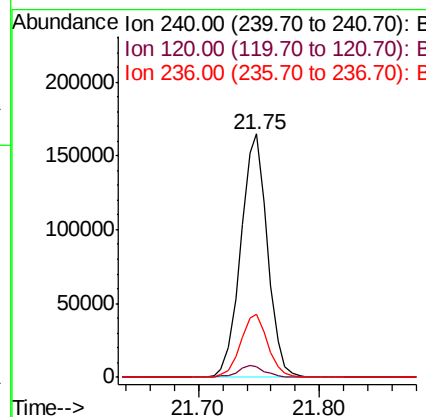
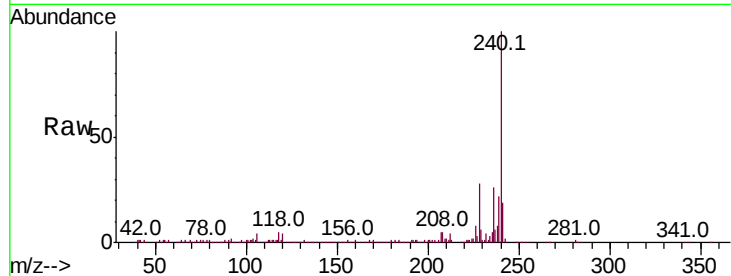
ClientSampleId :

SOILMS

Tot Ion:	240	Resp:	253155
Ion Ratio	Lower	Upper	
240	100		
120	4.4	3.7	5.5
236	25.9	21.1	31.7

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#77

Benzidine

Concen: 23.297 ng

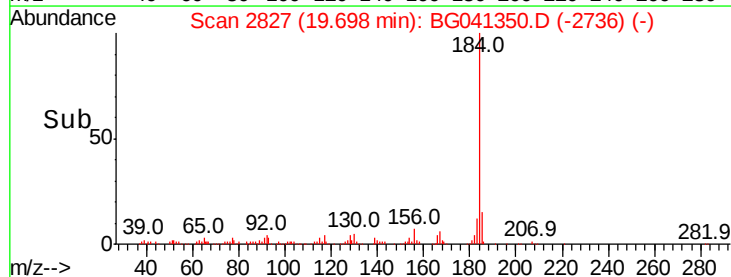
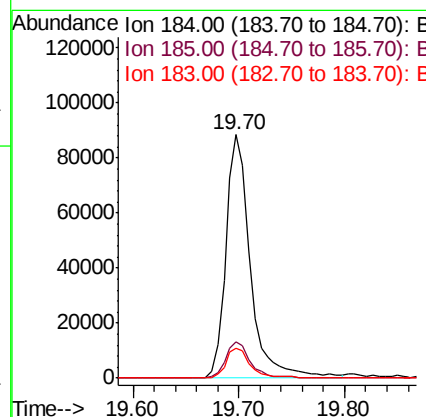
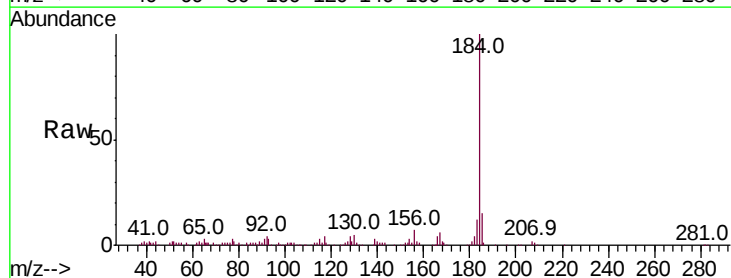
RT: 19.70 min Scan# 2827

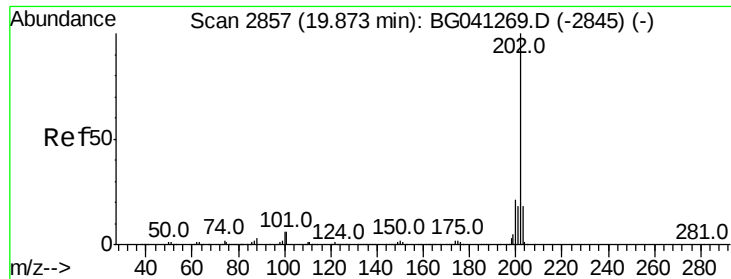
Delta R.T. 0.01 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Tgt Ion:	184	Resp:	142654
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.2	18.2
183	12.2	9.6	14.4





#78

Pvrene

Concen: 48.732 ng

RT: 19.88 min Scan# 2858

Delta R.T. 0.01 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

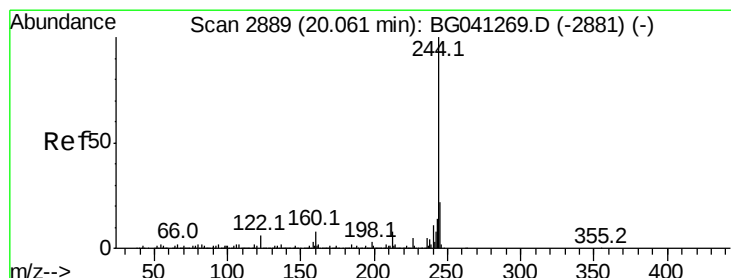
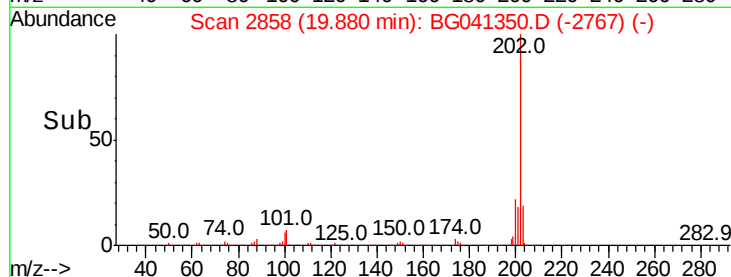
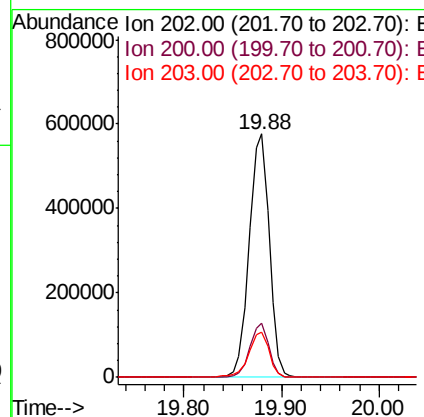
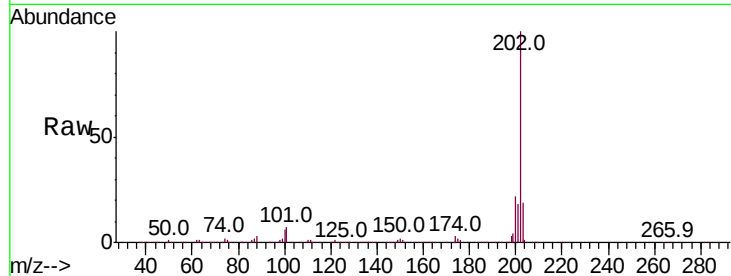
ClientSampleId :

SOILMS

Tot Ion:	202	Resp:	832005
Ion Ratio		Lower	Upper
202	100		
200	22.2	16.8	25.2
203	18.7	14.6	21.8

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#79

Terphenyl-d14

Concen: 94.173 ng

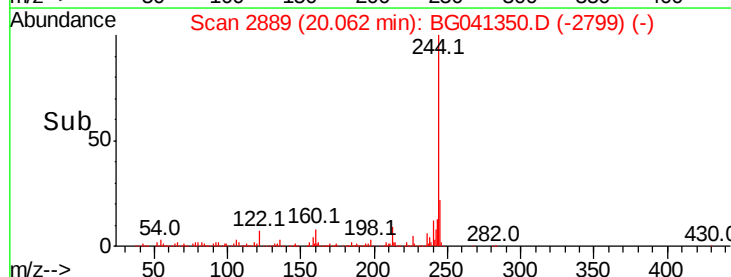
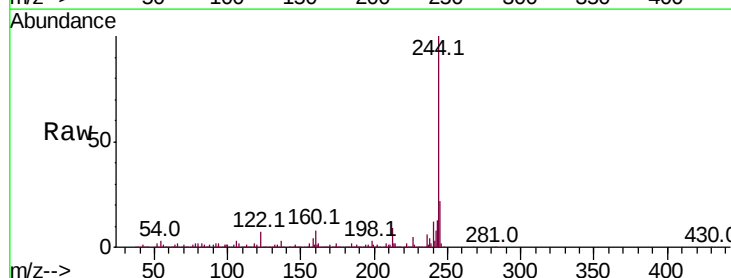
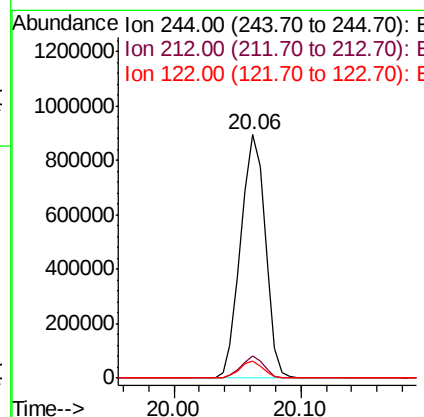
RT: 20.06 min Scan# 2889

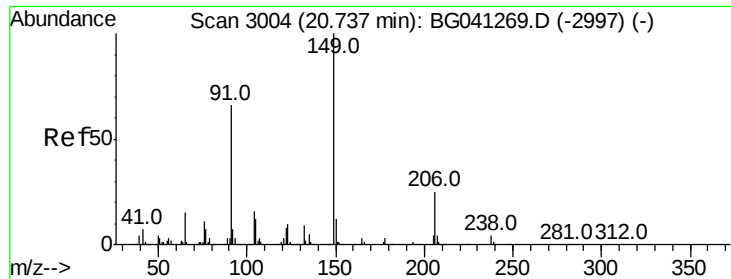
Delta R.T. 0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Tgt Ion:	244	Resp:	1202974
Ion Ratio		Lower	Upper
244	100		
212	9.0	6.6	10.0
122	6.7	5.0	7.4





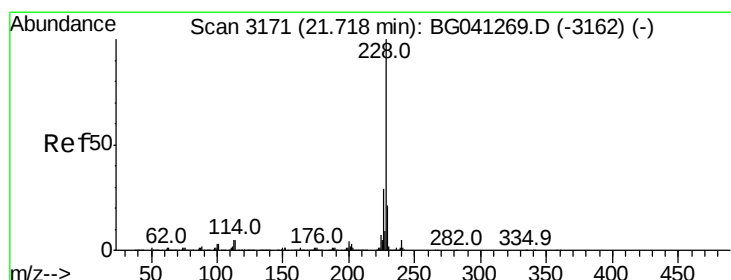
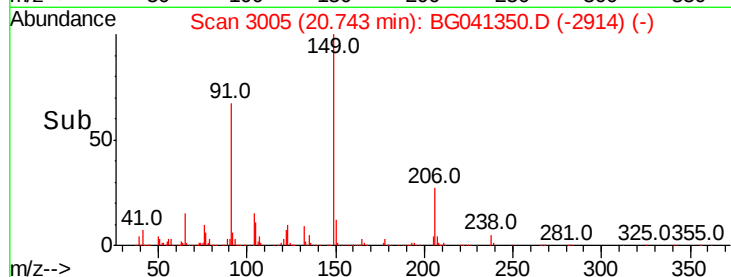
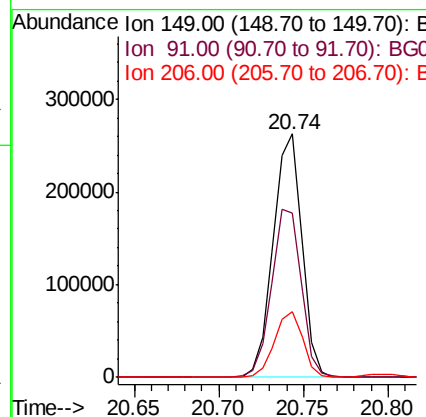
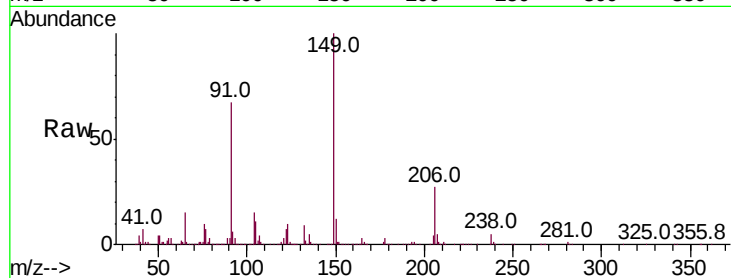
#80
Butylbenzylphthalate
Concen: 47.972 ng
RT: 20.74 min Scan# 3005
Delta R.T. 0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Instrument :
BNA_G
ClientSampleId :
SOILMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	309793		
91	67.4	53.2	79.8	
206	27.2	20.3	30.5	

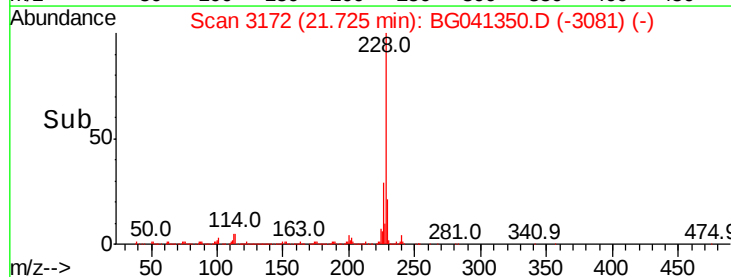
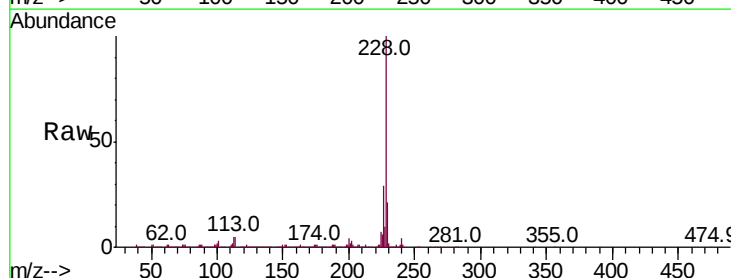
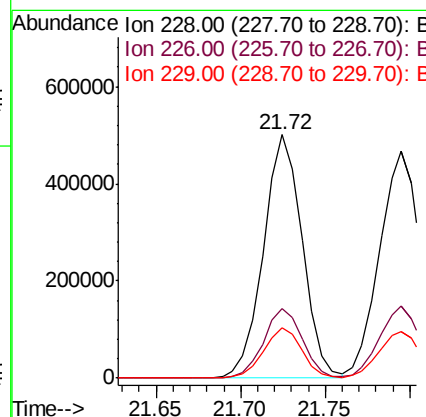
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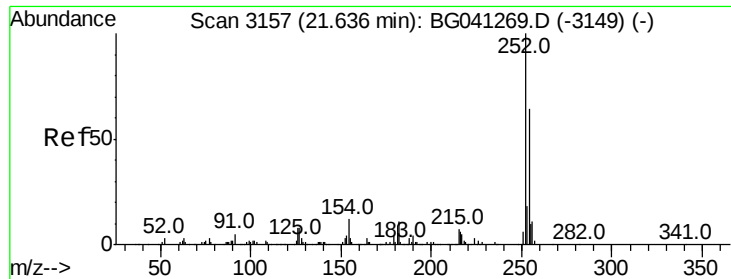
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#81
Benzo(a)anthracene
Concen: 46.611 ng
RT: 21.72 min Scan# 3172
Delta R.T. 0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	798949		
226	28.6	23.2	34.8	
229	20.5	16.8	25.2	





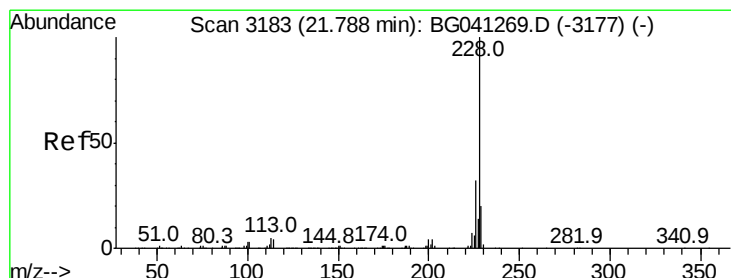
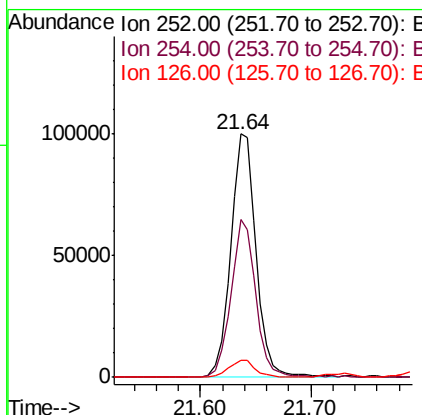
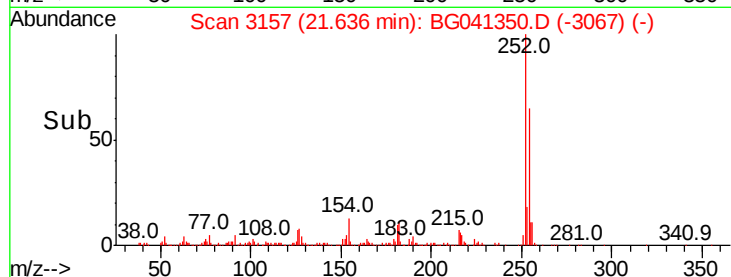
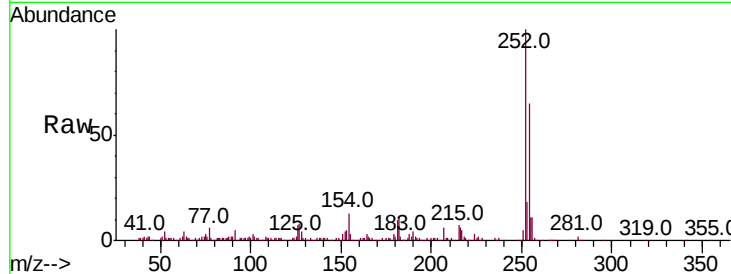
#82
 3,3'-Dichlorobenzidine
 Concen: 26.763 ng
 RT: 21.64 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

Instrument :
 BNA_G
 ClientSampled :
 SOILMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.4	77.0
126	6.8	6.0	9.0

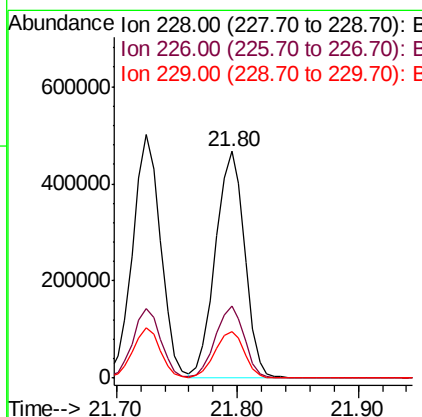
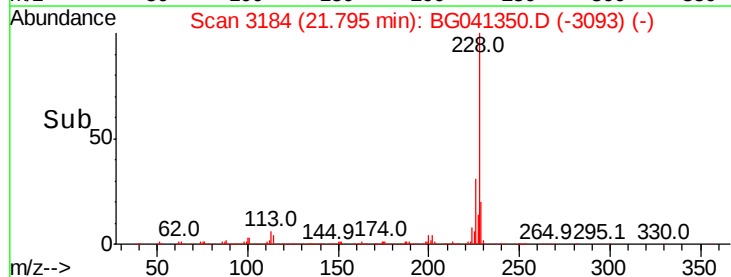
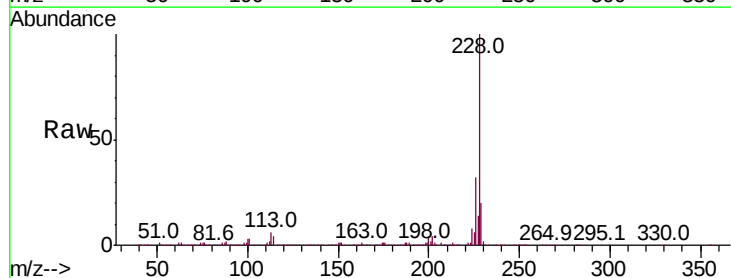
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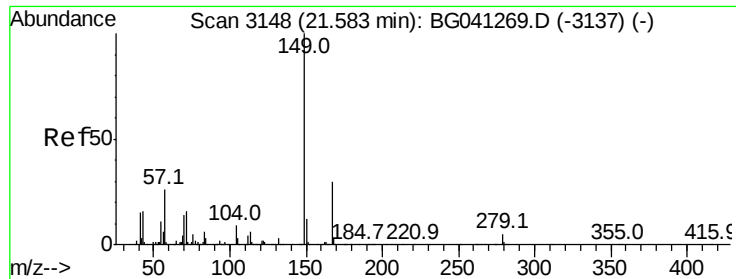
mohammad
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#83
 Chrysene
 Concen: 47.268 ng
 RT: 21.80 min Scan# 3184
 Delta R.T. 0.01 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	20.4	16.2	24.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 47.945 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.01 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

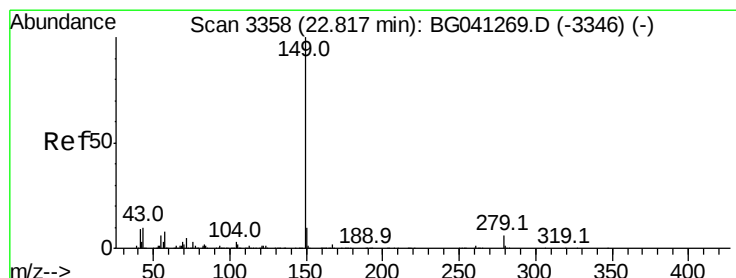
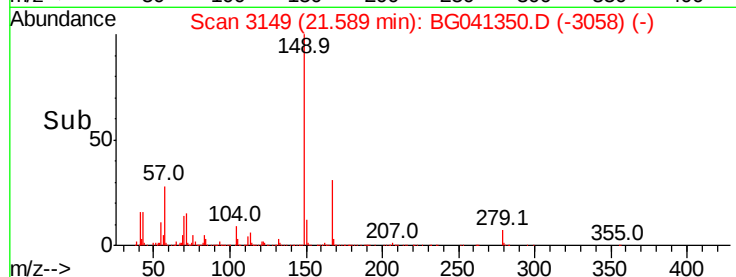
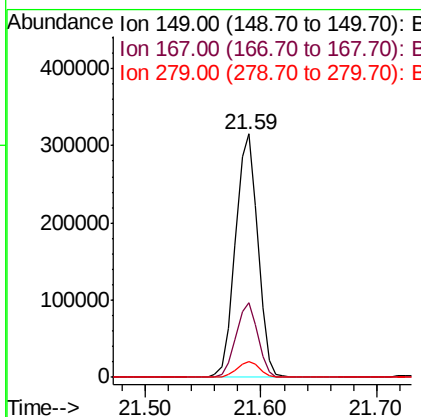
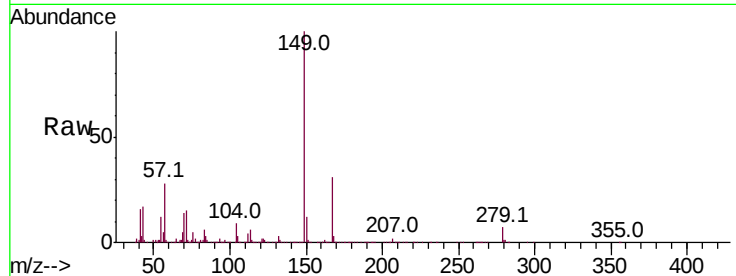
ClientSampleId :

SOILMS

Tot Ion:	149	Resp:	421942
Ion Ratio	Lower	Upper	
149	100		
167	30.7	23.8	35.8
279	6.5	4.4	6.6

Manual Integrations
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#85

Di-n-octyl phthalate

Concen: 48.330 ng

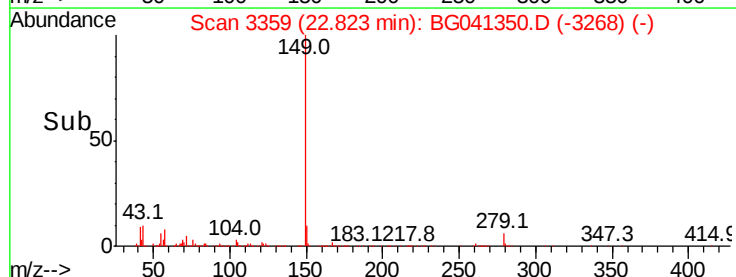
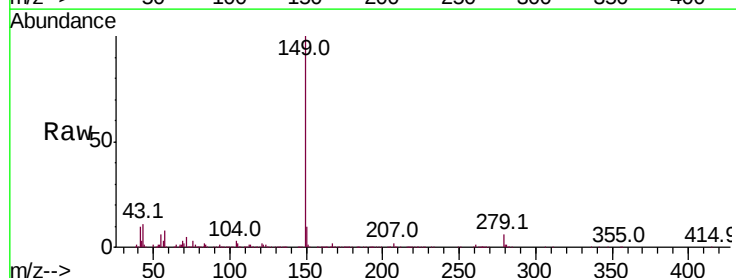
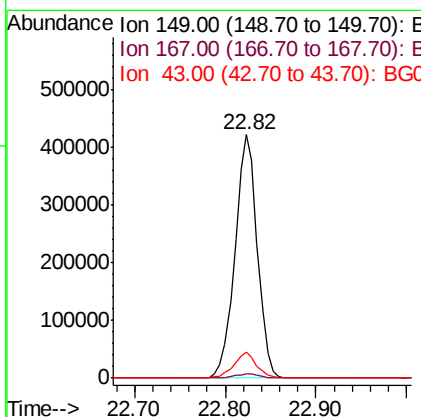
RT: 22.82 min Scan# 3359

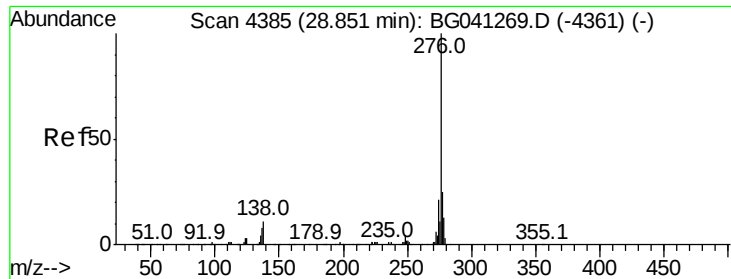
Delta R.T. 0.01 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Tgt Ion:	149	Resp:	719600
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	10.4	8.2	12.2





#86

Indeno(1,2,3-cd)pyrene

Concen: 30.756 ng

RT: 28.88 min Scan# 4389

Delta R.T. 0.02 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

ClientSampled :

SOILMS

Tot Ion:276 Resp: 601509

Ion Ratio Lower Upper

276 100

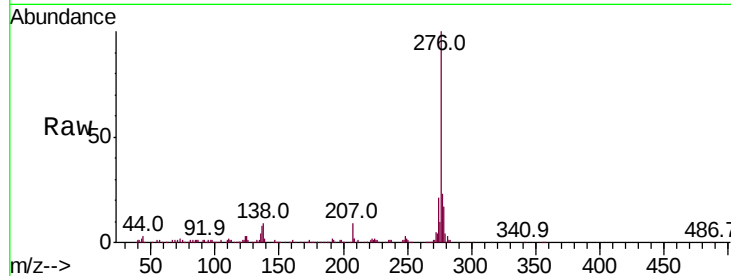
138 4.6 7.7 11.5#

277 13.5 20.6 31.0#

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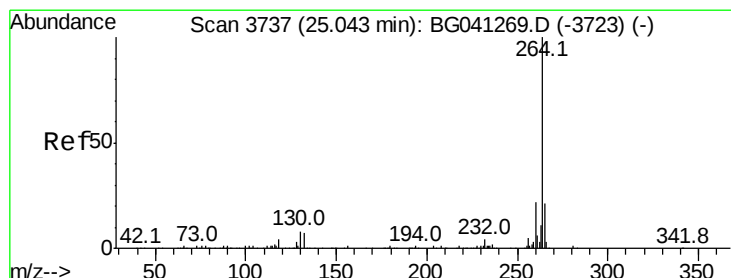
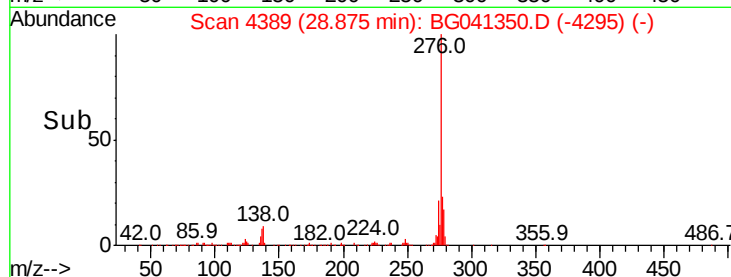
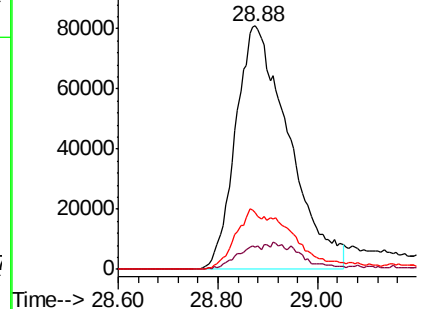
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3740

Delta R.T. 0.02 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

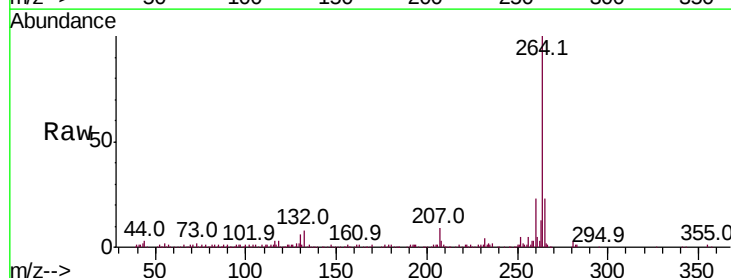
Tgt Ion:264 Resp: 249006

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.2

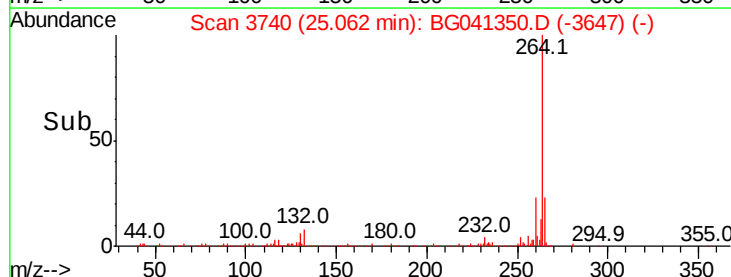
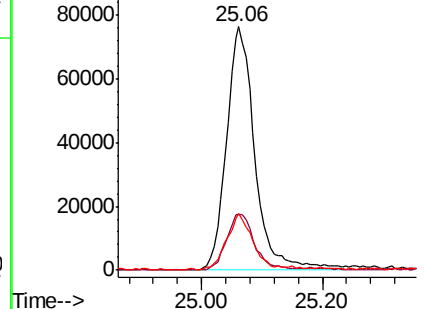
265 23.3 17.2 25.8

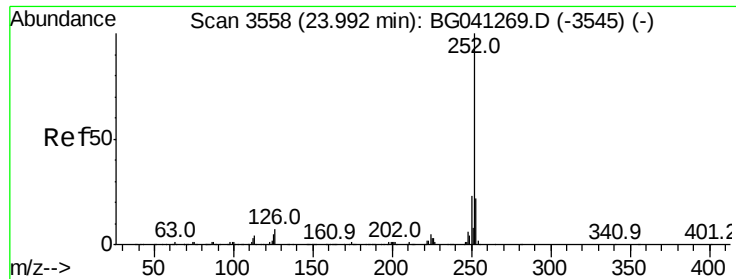


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





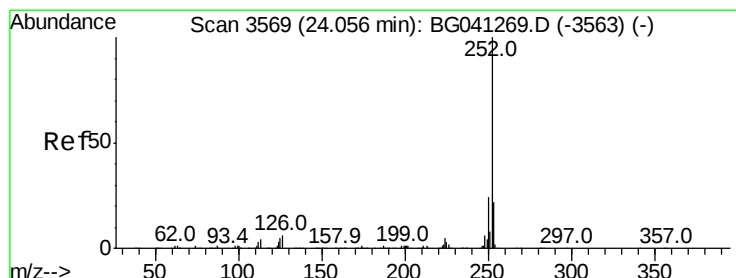
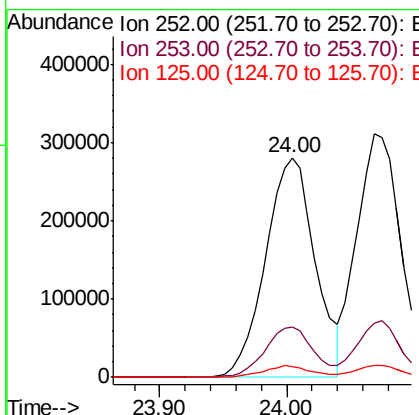
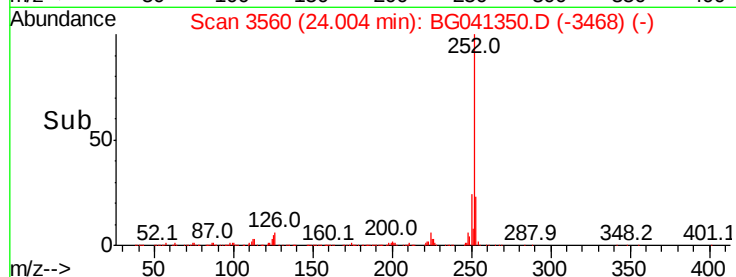
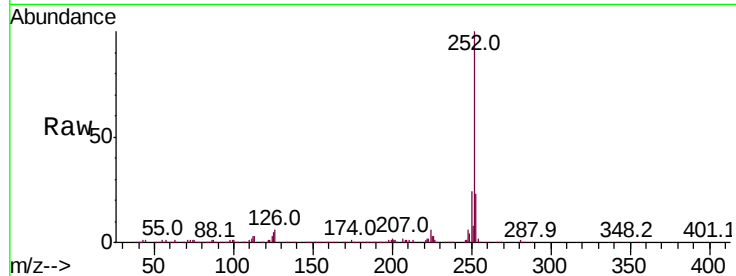
#88
Benzo(b)fluoranthene
Concen: 49.500 ng
RT: 24.00 min Scan# 3560
Delta R.T. 0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Instrument :
BNA_G
ClientSampleId :
SOILMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	4.8	3.9	5.9

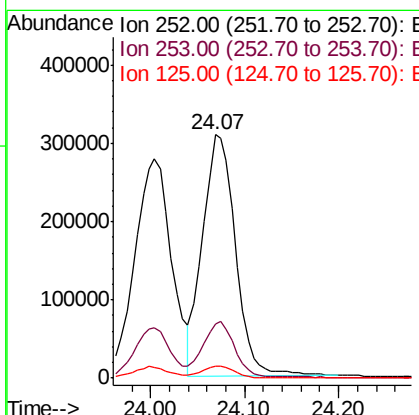
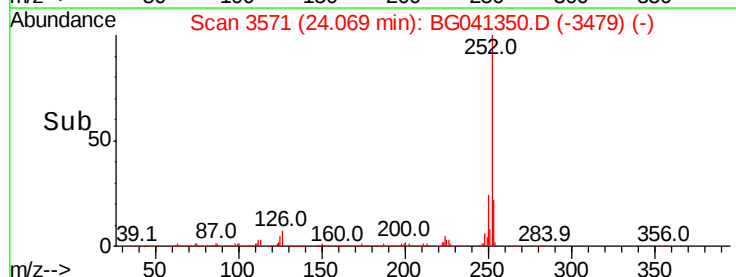
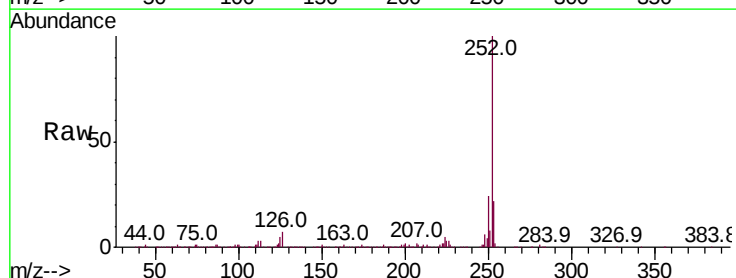
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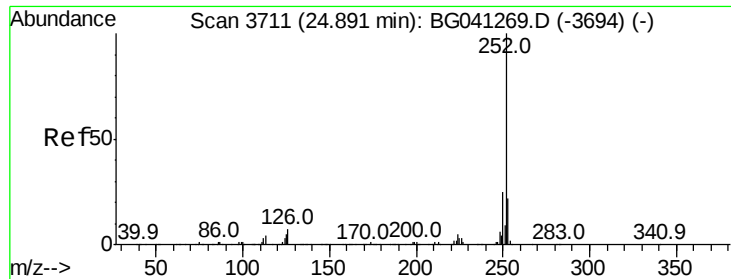
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#89
Benzo(k)fluoranthene
Concen: 49.650 ng
RT: 24.07 min Scan# 3571
Delta R.T. 0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	5.0	4.3	6.5





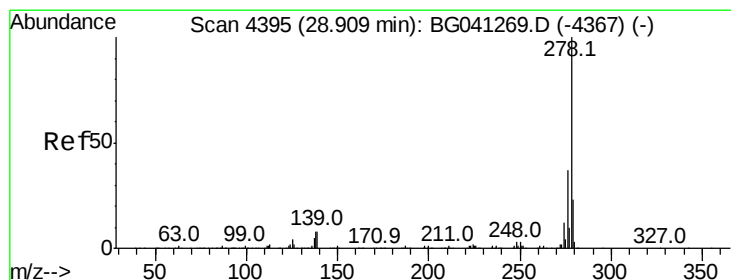
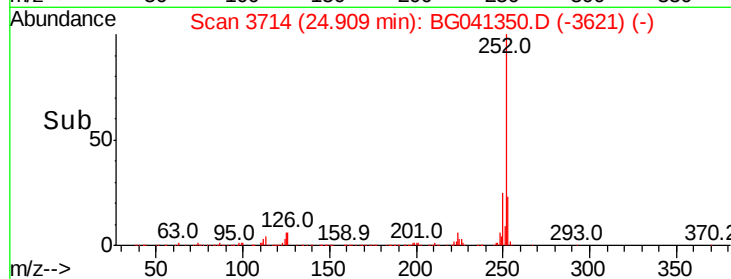
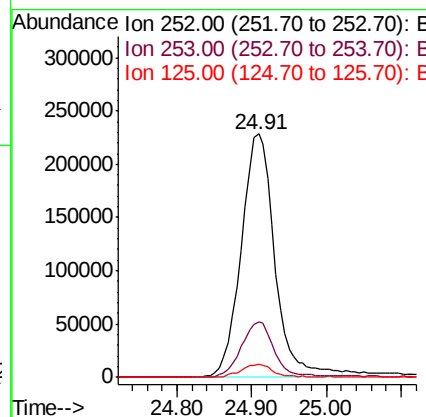
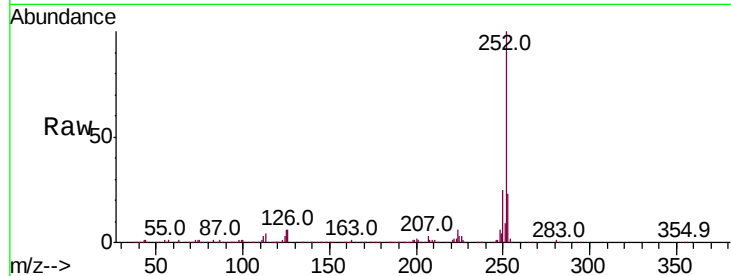
#90
Benzo(a)pyrene
Concen: 48.891 ng
RT: 24.91 min Scan# 3714
Delta R.T. 0.02 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Instrument :
BNA_G
ClientSampleId :
SOILMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	5.6	4.2	6.4

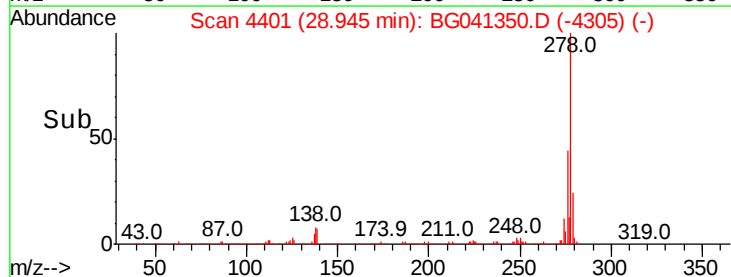
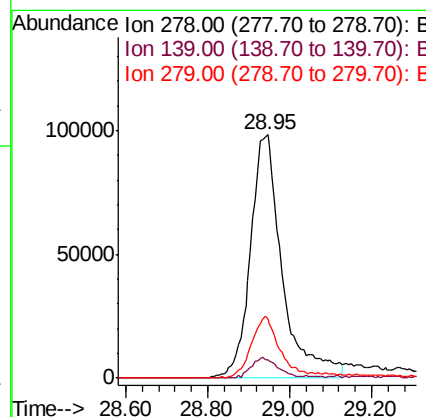
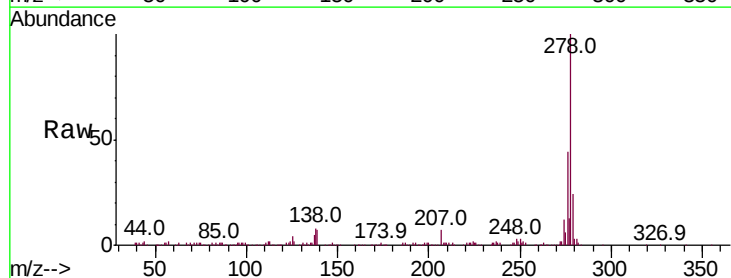
Manual Integrations
APPROVED

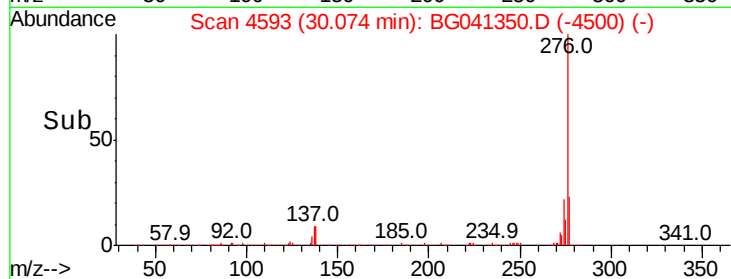
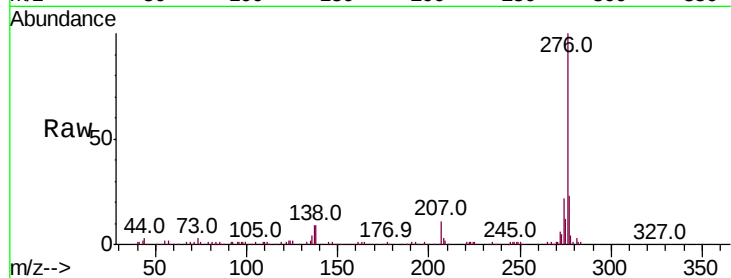
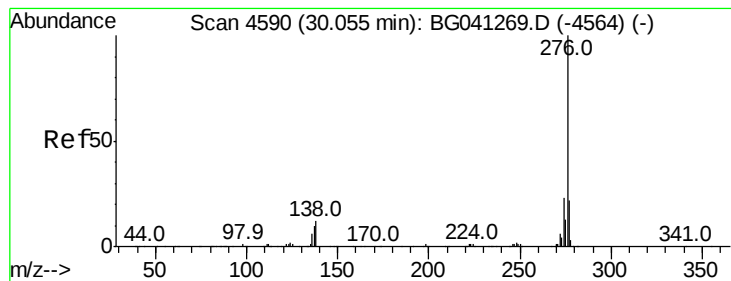
mohammad
6/21/2019 9:57:54 PM



#91
Dibenzo(a,h)anthracene
Concen: 36.246 ng
RT: 28.95 min Scan# 4401
Delta R.T. 0.04 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.4	6.6	10.0
279	24.2	18.5	27.7





#92

Benzo(a,h,i)perylene

Concen: 27.879 ng

RT: 30.07 min Scan# 4593

Delta R.T. 0.02 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

ClientSampleId :

SOILMS

Tot Ion:	276	Resp:	404241
Ion Ratio	Lower	Upper	
276	100		
277	23.0	17.9	26.9
138	9.0	9.4	14.0#

Manual Integrations
APPROVED

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6/21/2019 9:57:54 PM

