

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
 Data File : BG044002.D
 Acq On : 10 Jan 2020 14:56
 Operator : JU
 Sample : L1064-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-AMS

Manual Integrations
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Quant Time: Jan 11 04:50:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	111725	20.00	ng	-0.01
21) Naphthalene-d8	10.75	136	466759	20.00	ng	-0.02
39) Acenaphthene-d10	14.59	164	301452	20.00	ng	-0.01
64) Phenanthrene-d10	17.33	188	636583	20.00	ng	0.00
76) Chrysene-d12	21.58	240	545617	20.00	ng	-0.01
87) Perylene-d12	24.69	264	624125	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	865577	142.25	ng	0.00
7) Phenol-d6	7.12	99	1191036	140.03	ng	0.00
23) Nitrobenzene-d5	9.10	82	695922	79.76	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	434669	137.79	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	1494623	89.83	ng	-0.01
79) Terphenyl-d14	19.94	244	2073983	94.27	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	96388	36.330	ng	96
3) Pyridine	3.82	79	240465	30.680	ng	95
4) n-Nitrosodimethylamine	3.73	42	125010	35.825	ng	99
6) Aniline	7.27	93	271553	24.307	ng	97
8) 2-Chlorophenol	7.52	128	296317	41.481	ng	99
9) Benzaldehyde	7.08	77	163255	29.990	ng	98
10) Phenol	7.15	94	387834	44.256	ng	99
11) bis(2-Chloroethyl)ether	7.37	93	285453	37.736	ng	98
12) 1,3-Dichlorobenzene	7.84	146	316010	37.803	ng	98
13) 1,4-Dichlorobenzene	7.99	146	316756	38.404	ng	98
14) 1,2-Dichlorobenzene	8.31	146	297648	37.597	ng	99
15) Benzyl Alcohol	8.19	79	250967	37.387	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	392646	33.550	ng	99
17) 2-Methylphenol	8.40	107	254644	40.154	ng	98
18) Hexachloroethane	9.04	117	118790	37.013	ng	98
19) n-Nitroso-di-n-propylamine	8.76	70	222848	35.182	ng	96
20) 3+4-Methylphenols	8.72	107	350936	39.668	ng	98
22) Acetophenone	8.77	105	412739	35.569	ng	# 98
24) Nitrobenzene	9.15	77	313977	36.333	ng	98
25) Isophorone	9.67	82	598889	36.586	ng	100
26) 2-Nitrophenol	9.86	139	165039	40.367	ng	96
27) 2,4-Dimethylphenol	9.93	122	284230	46.183	ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	387592	35.516	ng	97
29) 2,4-Dichlorophenol	10.40	162	294365	40.098	ng	97
30) 1,2,4-Trichlorobenzene	10.62	180	302780	36.784	ng	99
31) Naphthalene	10.80	128	892873	39.530	ng	99
32) Benzoic acid	10.06	122	131286	29.040	ng	98
33) 4-Chloroaniline	10.91	127	140091	13.004	ng	98
34) Hexachlorobutadiene	11.10	225	176768	35.173	ng	98
35) Caprolactam	11.67	113	108696m	39.774	ng	
36) 4-Chloro-3-methylphenol	12.04	107	308482	39.473	ng	99
37) 2-Methylnaphthalene	12.41	142	655765	38.563	ng	98
38) 1-Methylnaphthalene	12.63	142	627698	38.947	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	307086	34.756	ng	99

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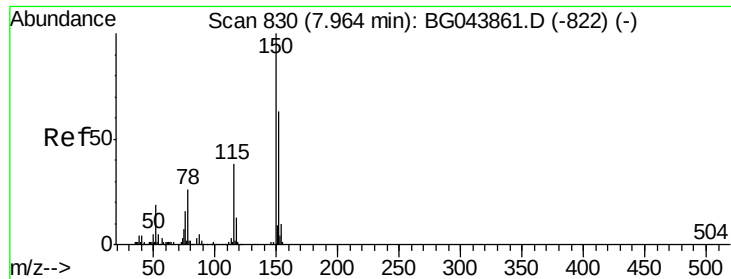
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	399117	87.130	nq	98
43) 2,4,6-Trichlorophenol	13.02	196	230073	37.844	nq	97
44) 2,4,5-Trichlorophenol	13.09	196	245258	39.114	nq	99
46) 1,1'-Biphenyl	13.42	154	828230	38.320	nq	98
47) 2-Chloronaphthalene	13.46	162	639305	36.605	nq	98
48) 2-Nitroaniline	13.65	65	193153	34.381	nq	100
49) Acenaphthylene	14.30	152	1009766	40.225	nq	97
50) Dimethylphthalate	14.04	163	934314	43.651	nq	99
51) 2,6-Dinitrotoluene	14.15	165	183870	38.006	nq	99
52) Acenaphthene	14.65	154	716339	40.691	nq	98
53) 3-Nitroaniline	14.48	138	117892	21.459	nq	98
54) 2,4-Dinitrophenol	14.69	184	163303	67.200	nq	99
55) Dibenzofuran	14.99	168	965795	39.853	nq	97
56) 4-Nitrophenol	14.80	139	345700	82.115	nq	95
57) 2,4-Dinitrotoluene	14.94	165	257328	39.091	nq	99
58) Fluorene	15.63	166	759734	39.553	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.21	232	212701	39.449	nq	98
60) Diethylphthalate	15.41	149	830770	38.806	nq	98
61) 4-Chlorophenyl-phenylether	15.63	204	396081	37.975	nq	97
62) 4-Nitroaniline	15.64	138	186836	34.438	nq	96
63) Azobenzene	15.92	77	762510	38.406	nq	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	132693	41.147	nq	99
66) n-Nitrosodiphenylamine	15.84	169	712262	37.994	nq	99
67) 4-Bromophenyl-phenylether	16.52	248	255251	35.652	nq	99
68) Hexachlorobenzene	16.64	284	274145	35.535	nq	97
69) Atrazine	16.79	200	264647	43.430	nq	99
70) Pentachlorophenol	16.98	266	320466	75.355	nq	99
71) Phenanthrene	17.37	178	1201642	39.355	nq	98
72) Anthracene	17.46	178	1231259	40.803	nq	99
73) Carbazole	17.72	167	1125081	40.363	nq	97
74) Di-n-butylphthalate	18.29	149	1384890	38.914	nq	98
75) Fluoranthene	19.37	202	1384333	39.643	nq	98
77) Benzidine	19.56	184	648414	47.280	nq	98
78) Pyrene	19.74	202	1397188	39.231	nq	97
80) Butylbenzylphthalate	20.63	149	646386	38.122	nq	96
81) Benzo(a)anthracene	21.55	228	1334978	39.459	nq	97
82) 3,3'-Dichlorobenzidine	21.47	252	271492	20.312	nq	100
83) Chrysene	21.62	228	1276705	39.714	nq	97
84) Bis(2-ethylhexyl)phthalate	21.48	149	915085	39.113	nq	99
85) Di-n-octyl phthalate	22.67	149	1582542	40.236	nq	97
86) Indeno(1,2,3-cd)pyrene	28.23	276	1623981	37.172	nq	99
88) Benzo(b)fluoranthene	23.71	252	1385827	37.560	nq	99
89) Benzo(k)fluoranthene	23.78	252	1374270	39.168	nq	99
90) Benzo(a)pyrene	24.55	252	1299523	37.317	nq	98
91) Dibenzo(a,h)anthracene	28.29	278	1347091	38.517	nq	98
92) Benzo(g,h,i)perylene	29.33	276	1362038	39.207	nq	98

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



#1

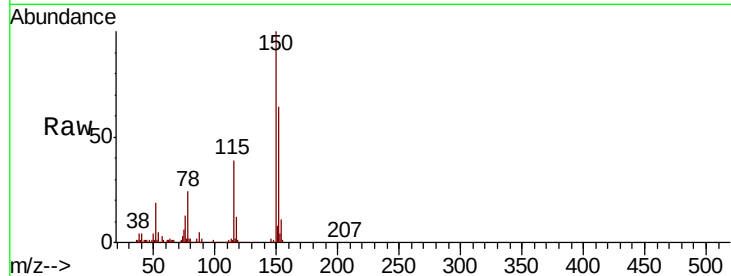
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Instrument :
BNA_G
ClientSampled :
SOIL-AMS

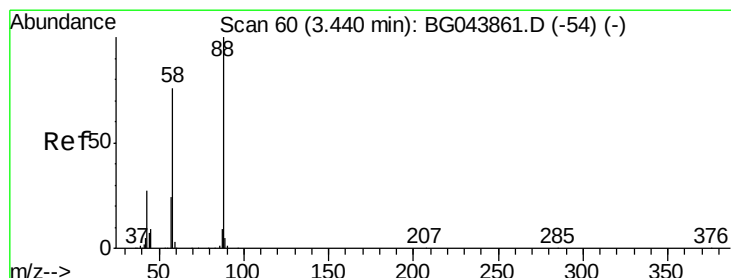
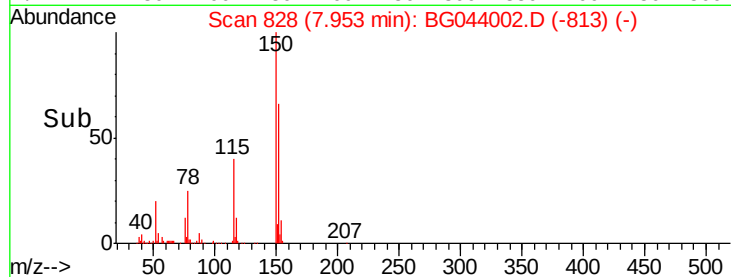
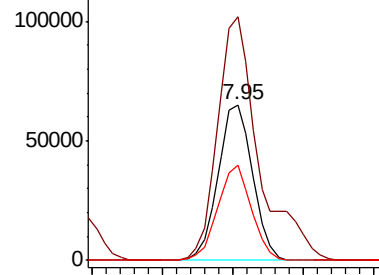
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	127.0	190.4
115	61.0	47.8	71.8

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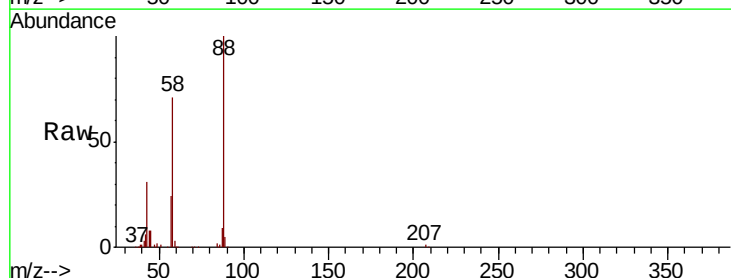
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



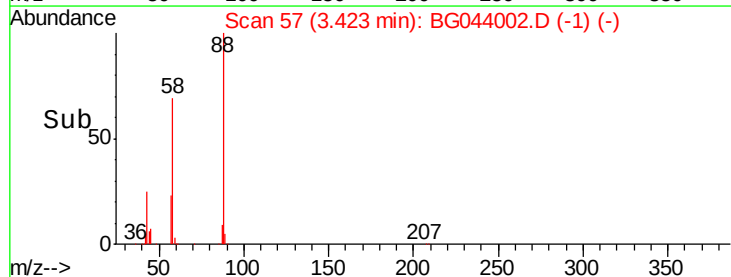
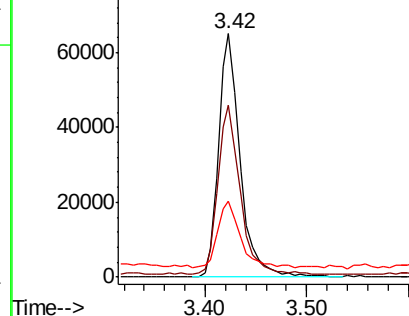
#2

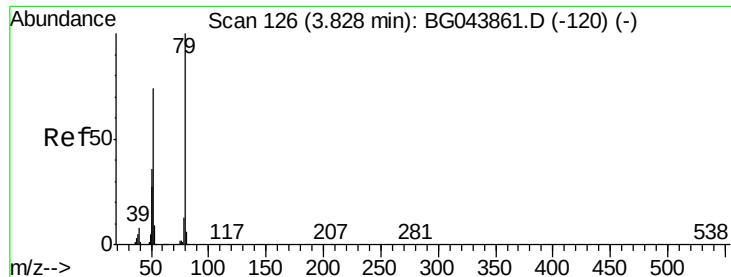
1,4-Dioxane
Concen: 36.330 ng
RT: 3.42 min Scan# 57
Delta R.T. -0.02 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.0	59.8	89.8
43	27.8	22.9	34.3



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: 30.680 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

Instrument :

BNA_G

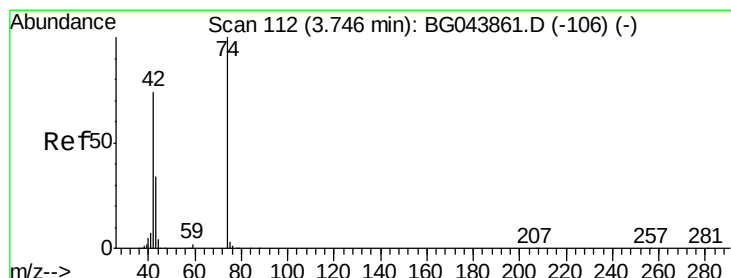
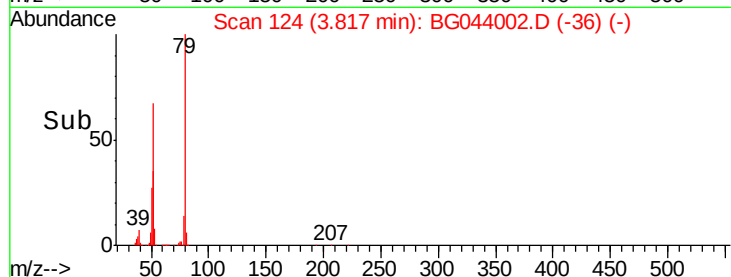
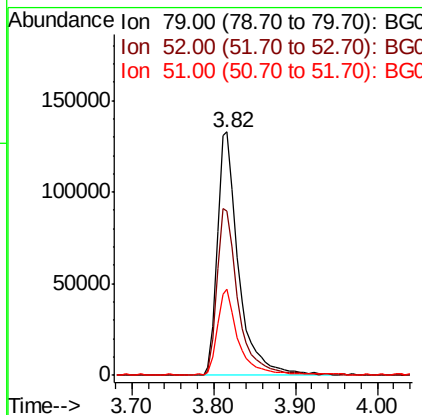
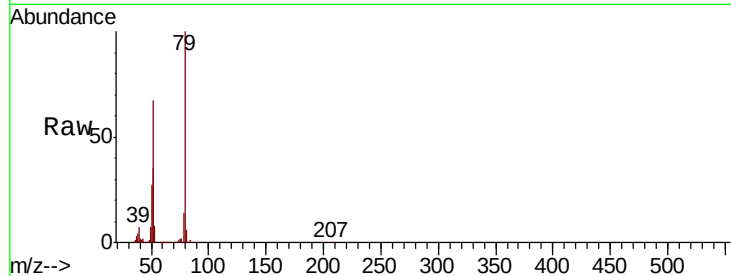
ClientSampled :

SOIL-AMS

Tot Ion:	79	Resp:	240465
Ion Ratio	Lower	Upper	
79	100		
52	67.5	58.9	88.3
51	35.4	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 35.825 ng

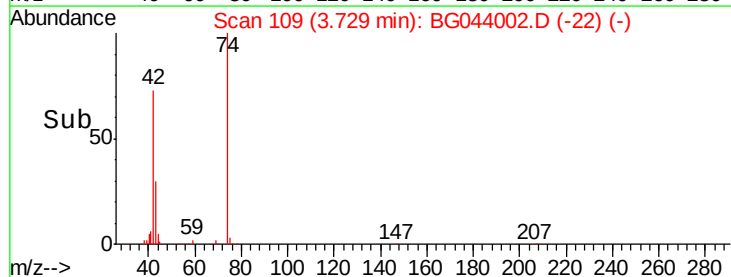
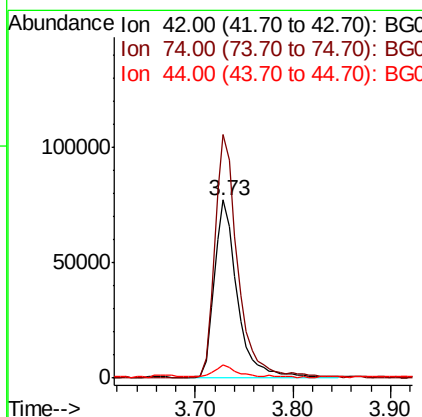
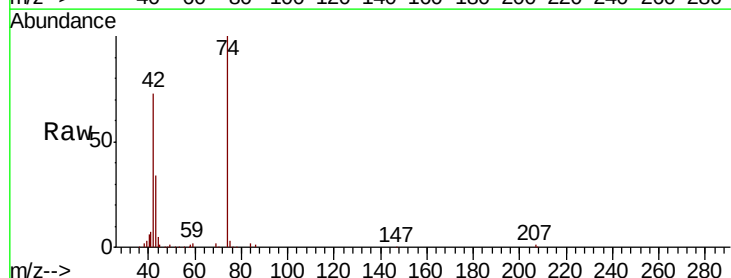
RT: 3.73 min Scan# 109

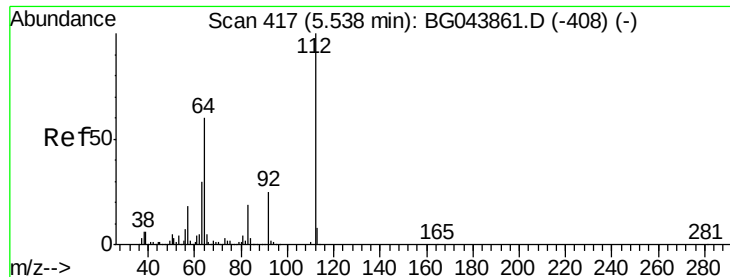
Delta R.T. -0.02 min

Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

Tgt Ion:	42	Resp:	125010
Ion Ratio	Lower	Upper	
42	100		
74	136.5	108.6	162.8
44	7.2	5.0	7.6





#5

2-Fluorophenol

Concen: 142.251 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.01 min

Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

Instrument :

BNA_G

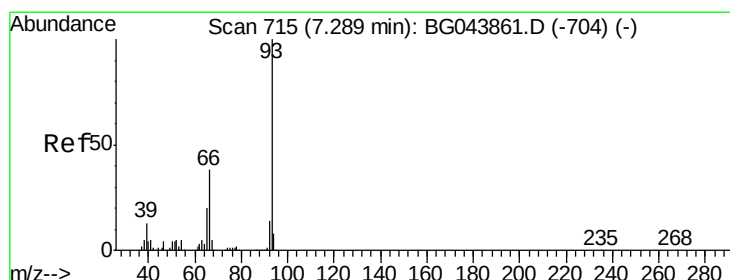
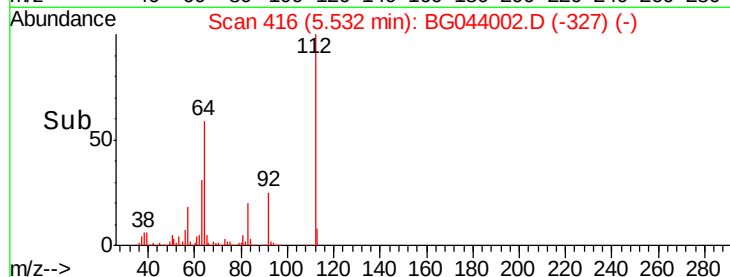
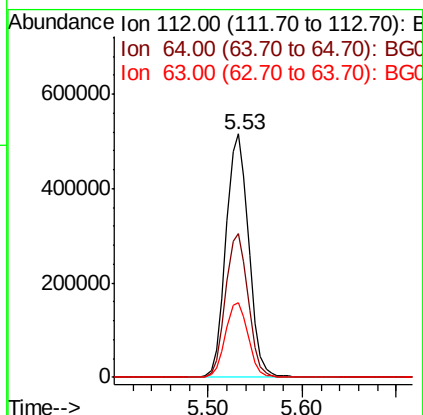
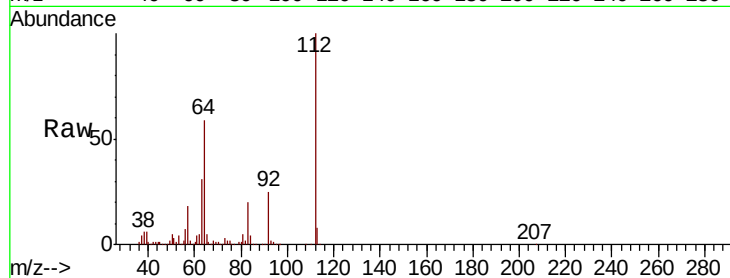
ClientSampleId :

SOIL-AMS

Tot Ion:	112	Resp:	865577
Ion Ratio	Lower	Upper	
112	100		
64	59.3	47.8	71.6
63	30.9	24.3	36.5

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#6

Aniline

Concen: 24.307 ng

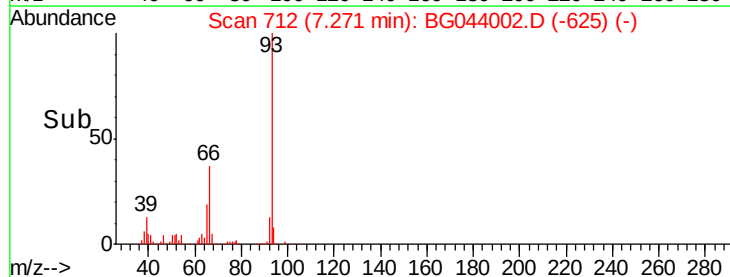
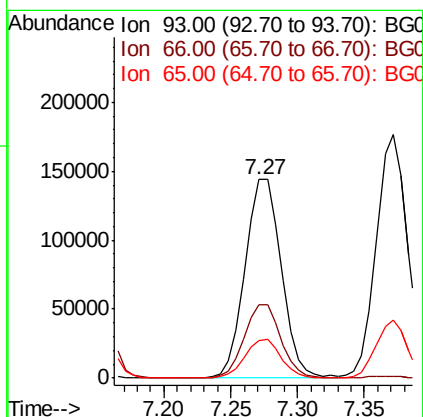
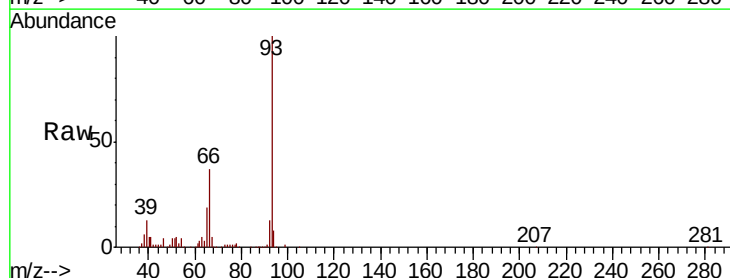
RT: 7.27 min Scan# 712

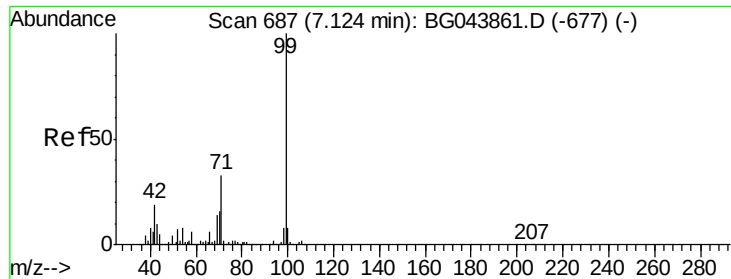
Delta R.T. -0.02 min

Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

Tgt Ion:	93	Resp:	271553
Ion Ratio	Lower	Upper	
93	100		
66	37.1	30.8	46.2
65	18.7	16.0	24.0





#7

Phenol-d6

Concen: 140.031 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

Instrument :

BNA_G

ClientSampleId :

SOIL-AMS

Tot Ion: 99 Resp: 1191036

Ion Ratio Lower Upper

99 100

42 18.6 14.9 22.3

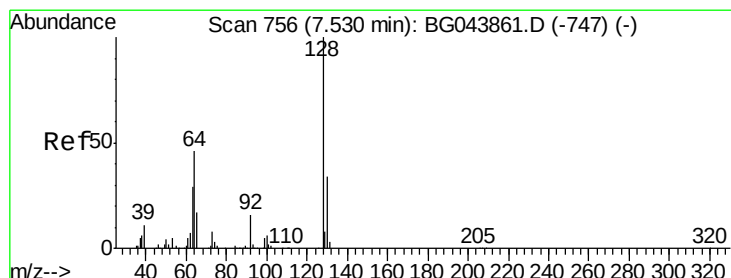
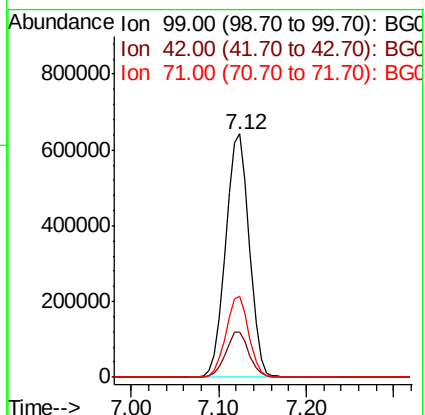
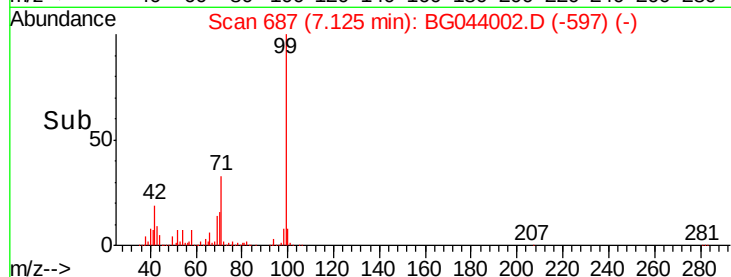
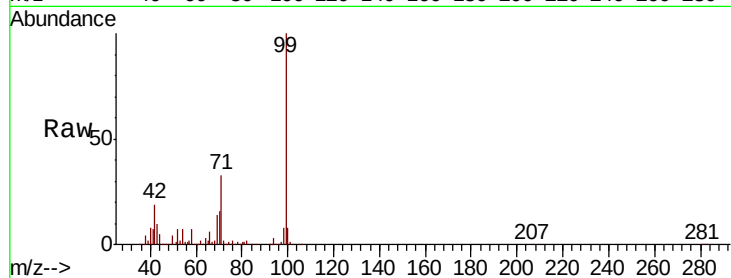
71 33.1 26.4 39.6

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#8

2-Chlorophenol

Concen: 41.481 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

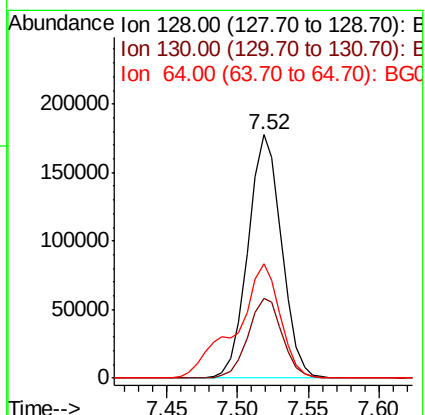
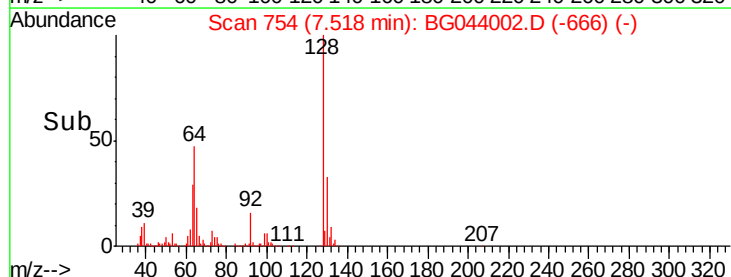
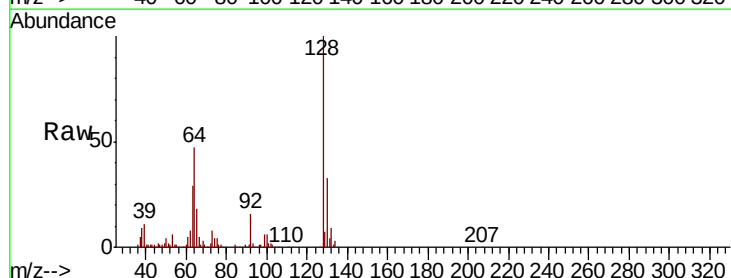
Tgt Ion: 128 Resp: 296317

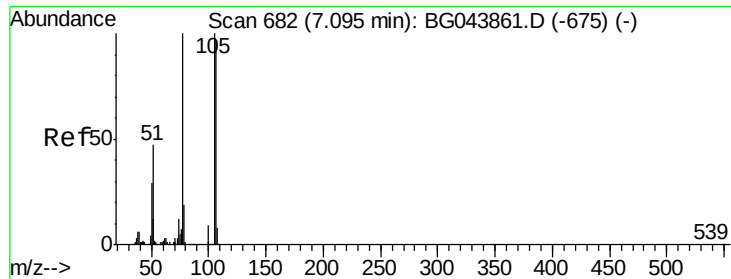
Ion Ratio Lower Upper

128 100

130 32.9 13.8 53.8

64 47.1 27.6 67.6





#9

Benzaldehyde

Concen: 29.990 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

Instrument :

BNA_G

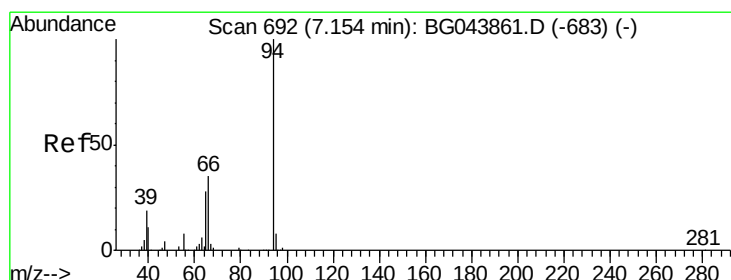
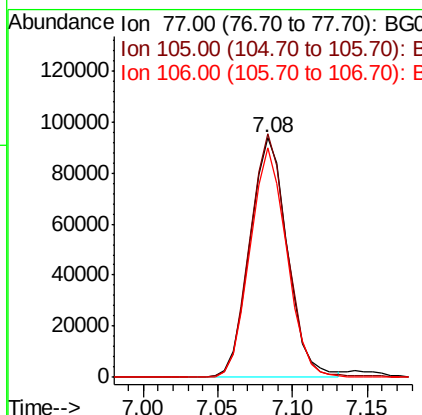
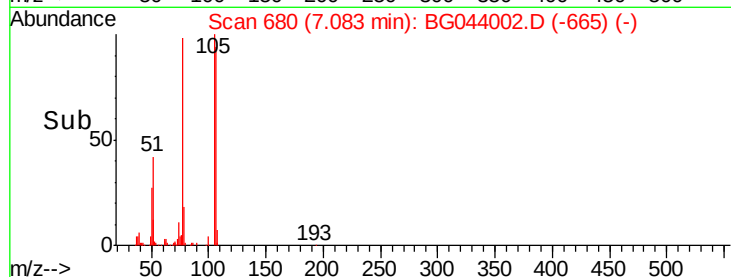
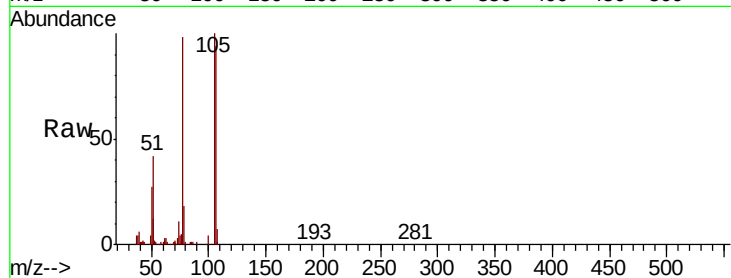
ClientSampleId :

SOIL-AMS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.7	80.2	120.2
106	95.7	77.2	117.2

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#10

Phenol

Concen: 44.256 ng

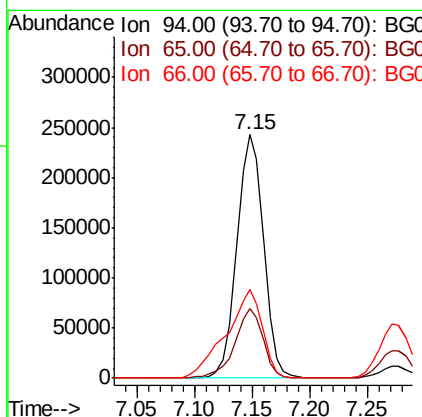
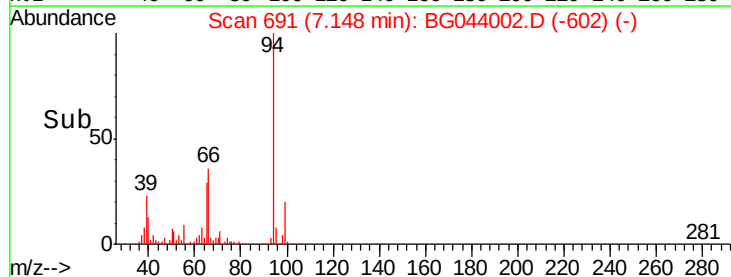
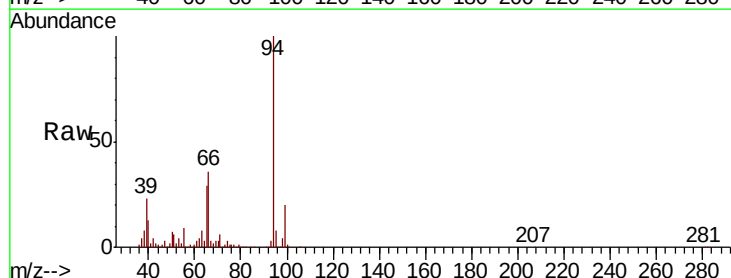
RT: 7.15 min Scan# 691

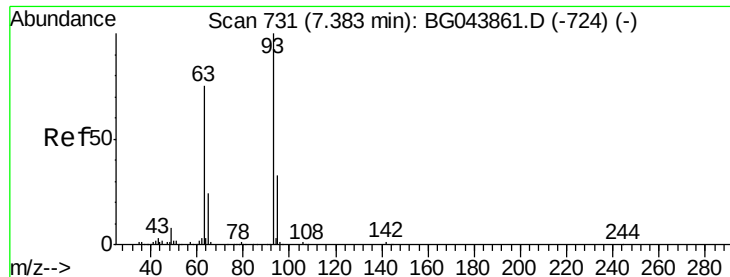
Delta R.T. -0.01 min

Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.8	8.1	48.1
66	36.3	15.6	55.6





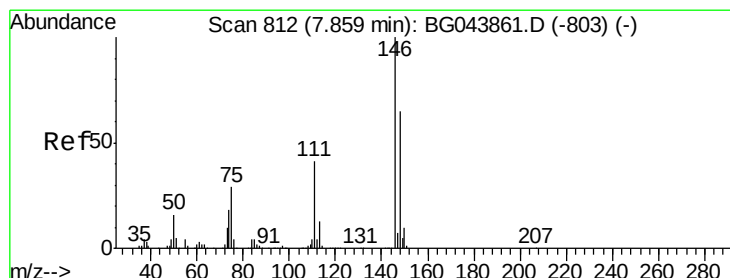
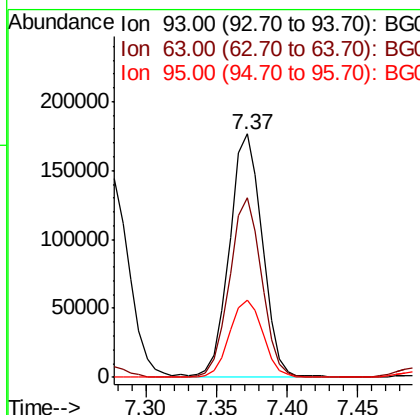
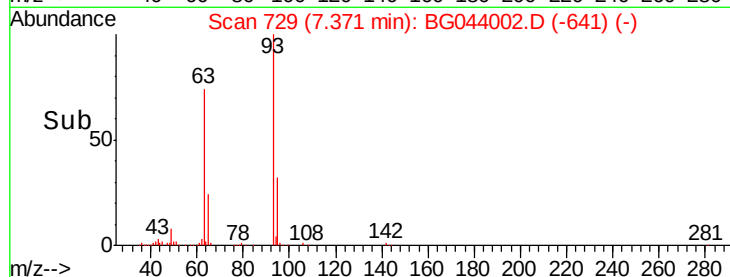
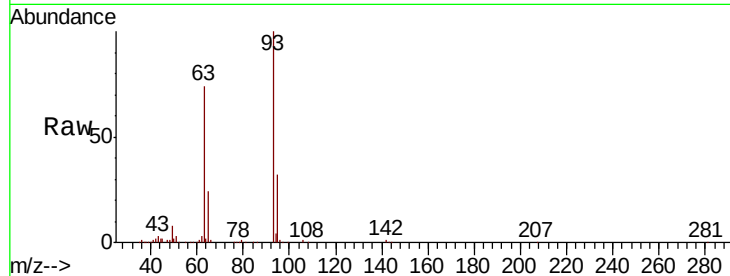
#11
bis(2-Chloroethyl)ether
Concen: 37.736 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Instrument :
BNA_G
ClientSampleId :
SOIL-AMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	285453		
63	73.6		55.0	95.0
95	31.9		13.3	53.3

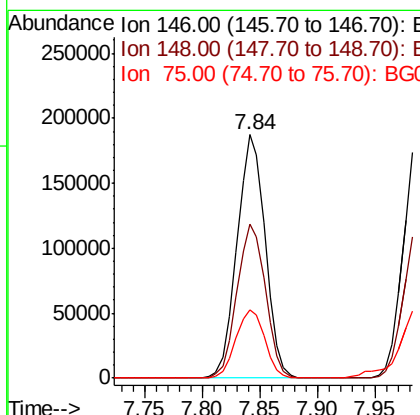
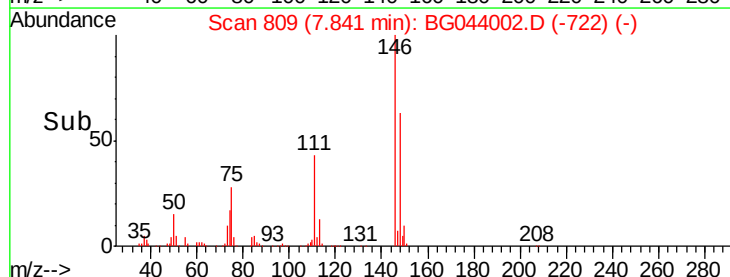
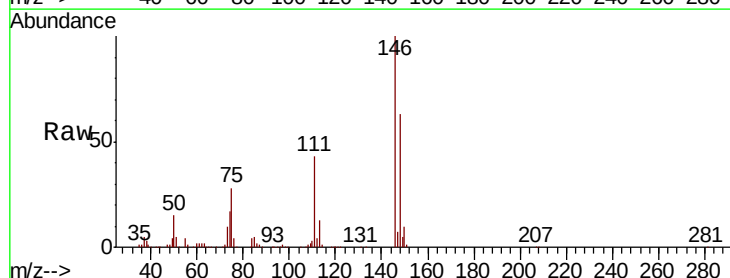
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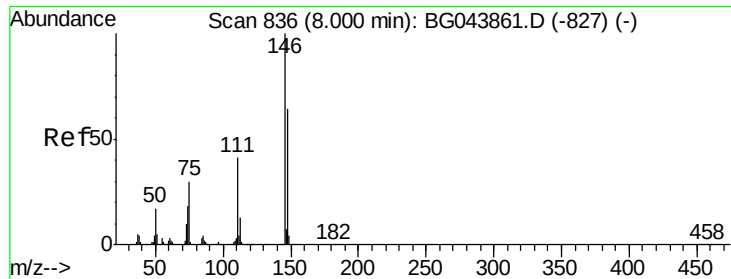
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.803 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.02 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	316010		
148	63.3		52.1	78.1
75	27.8		23.0	34.4





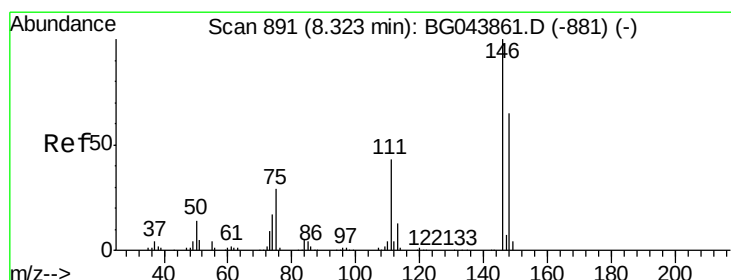
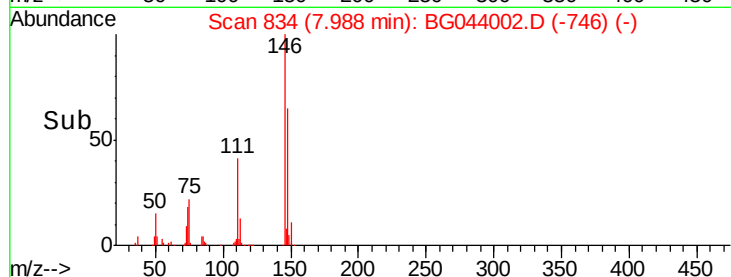
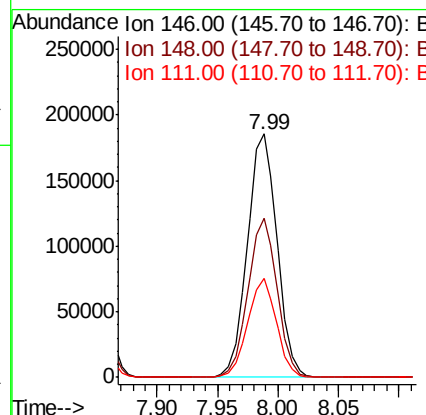
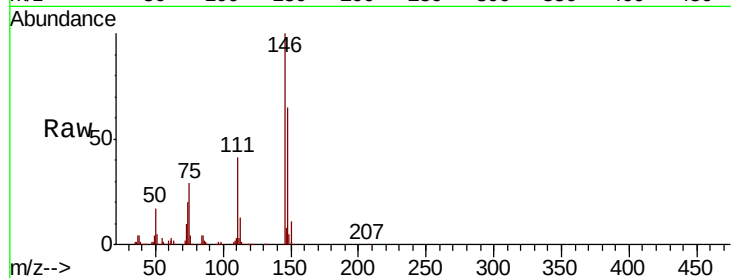
#13
 1,4-Dichlorobenzene
 Concen: 38.404 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BG044002.D
 Acq: 10 Jan 2020 14:56

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.2	76.8
111	40.5	33.1	49.7

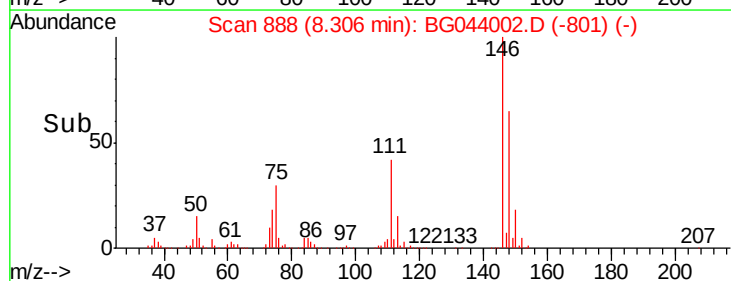
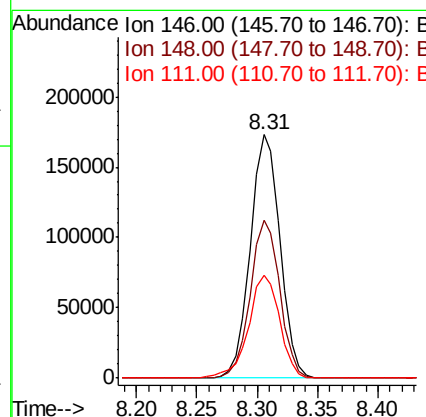
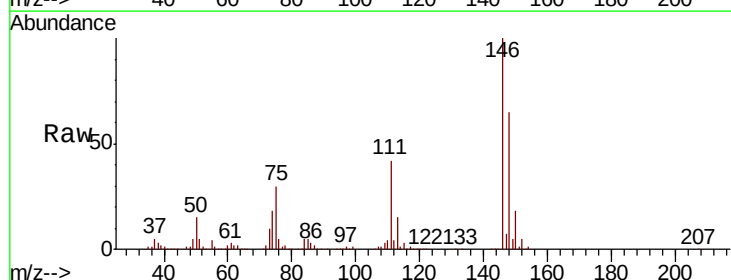
Manual Integrations
 APPROVED

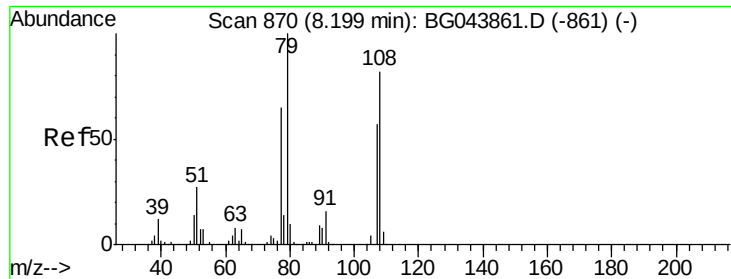
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 37.597 ng
 RT: 8.31 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BG044002.D
 Acq: 10 Jan 2020 14:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.7	77.5
111	42.5	34.4	51.6





#15

Benzyl Alcohol

Concen: 37.387 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

Instrument :

BNA_G

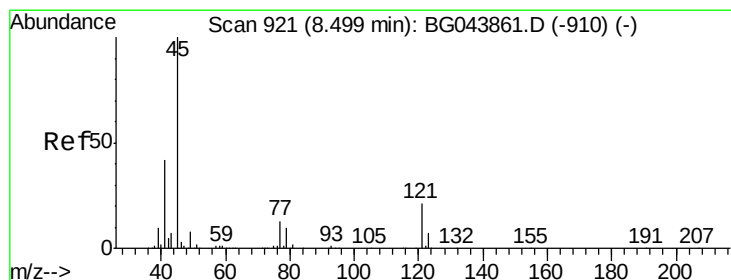
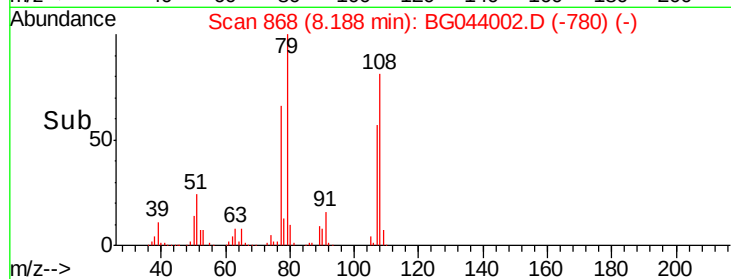
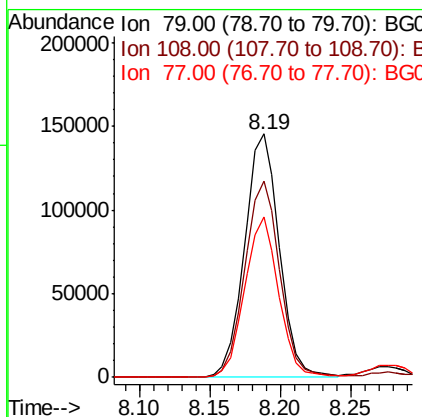
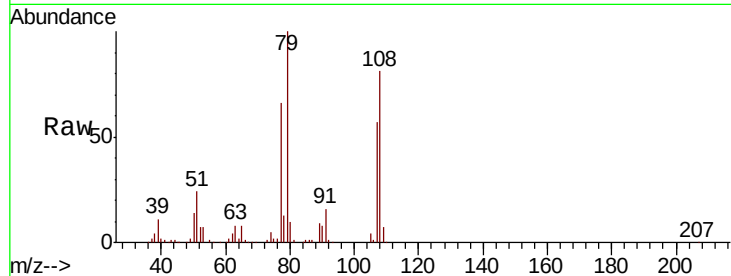
ClientSampleId :

SOIL-AMS

Tot Ion:	79	Resp:	250967
Ion Ratio	Lower	Upper	
79	100		
108	80.7	65.6	98.4
77	65.7	52.0	78.0

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.550 ng

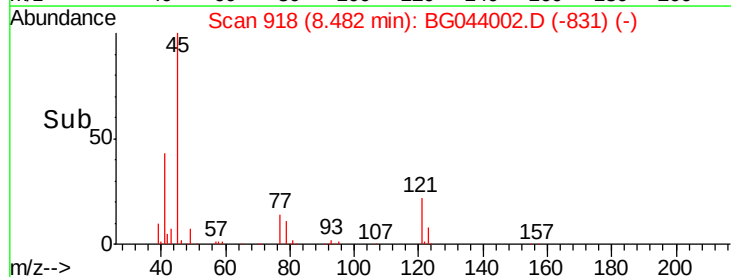
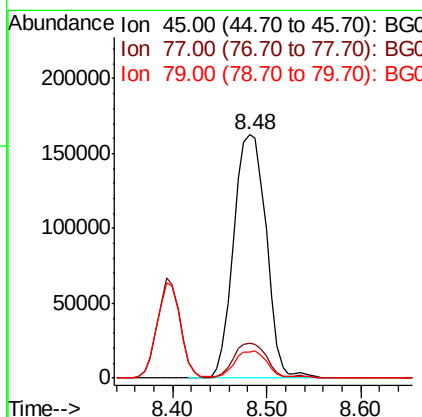
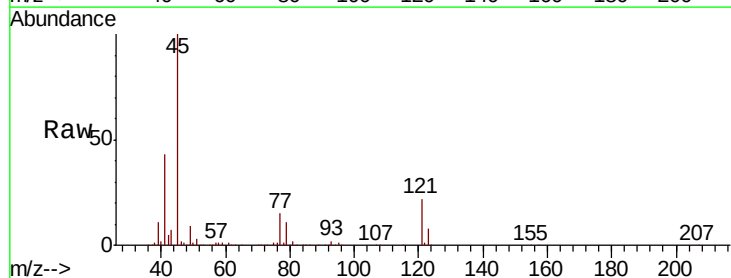
RT: 8.48 min Scan# 918

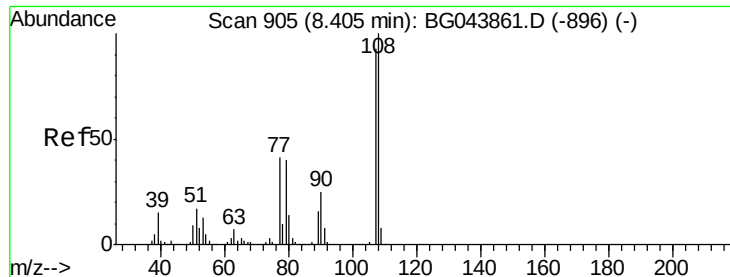
Delta R.T. -0.02 min

Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

Tgt Ion:	45	Resp:	392646
Ion Ratio	Lower	Upper	
45	100		
77	14.6	0.0	33.8
79	10.8	0.0	31.0





#17

2-Methylphenol

Concen: 40.154 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

Instrument :

BNA_G

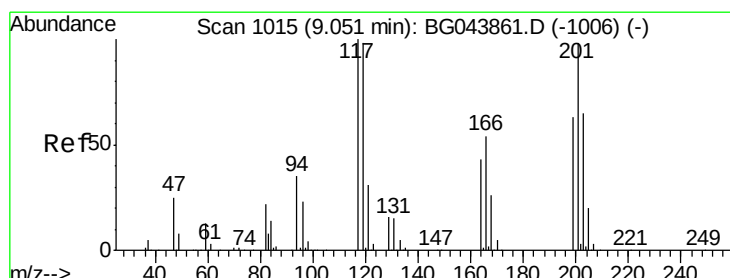
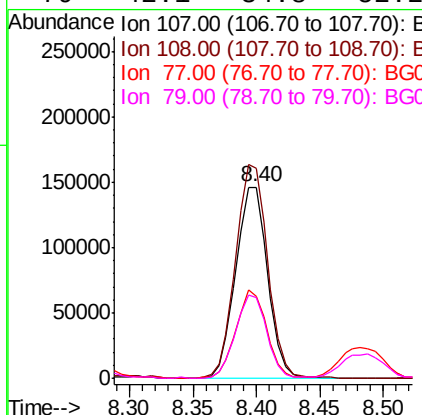
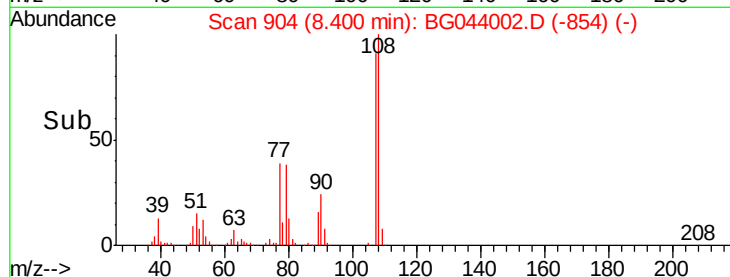
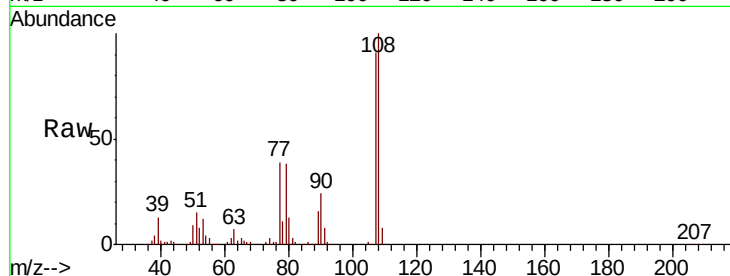
ClientSampleId :

SOIL-AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.7	86.1	129.1	
77	42.8	35.4	53.0	
79	42.1	34.8	52.2	

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#18

Hexachloroethane

Concen: 37.013 ng

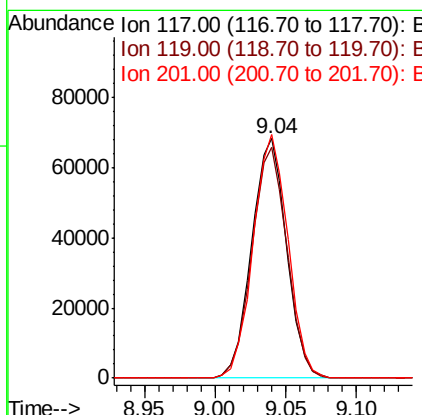
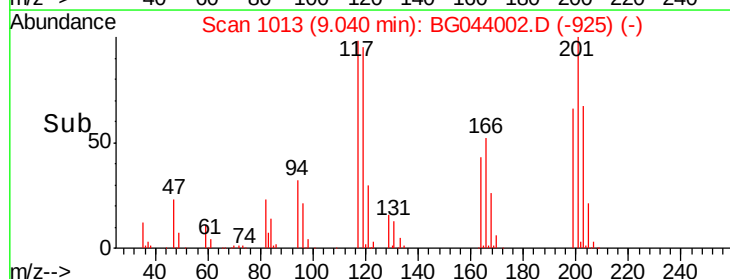
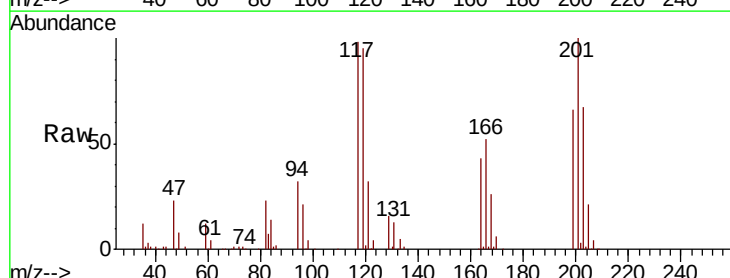
RT: 9.04 min Scan# 1013

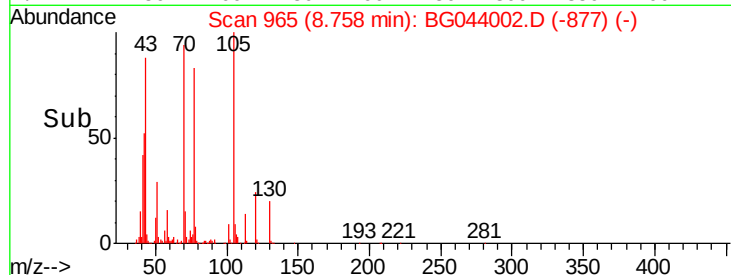
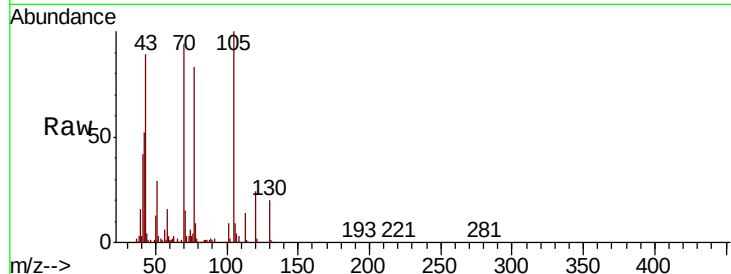
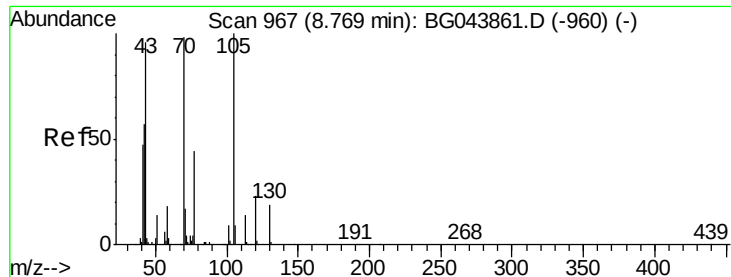
Delta R.T. -0.01 min

Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	78.1	117.1	
201	101.7	78.6	117.8	





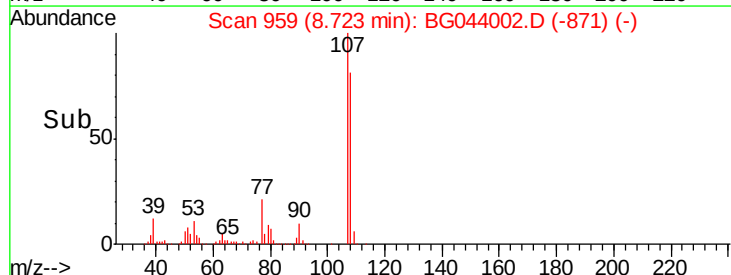
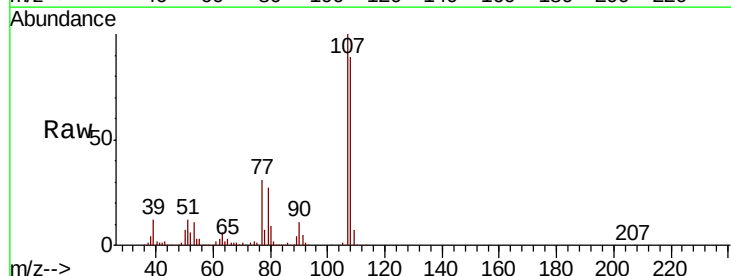
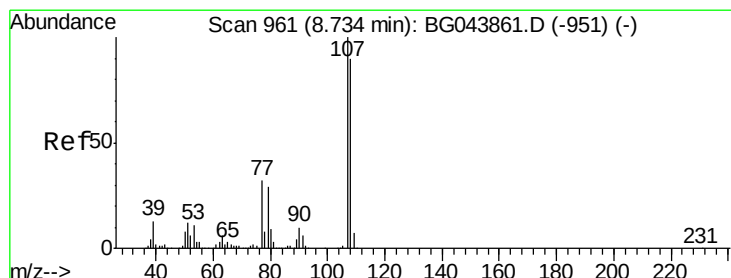
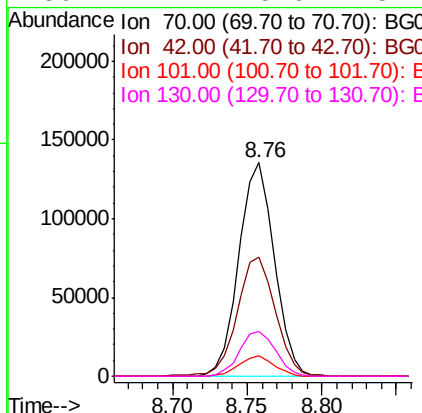
#19
n-Nitroso-di-n-propylamine
Concen: 35.182 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Instrument :
BNA_G
ClientSampleId :
SOIL-AMS

Tot Ion	Ion	Ratio	Lower	Upper
222848	70	100		
	42	55.5	47.0	70.4
	101	9.5	7.2	10.8
	130	21.1	15.6	23.4

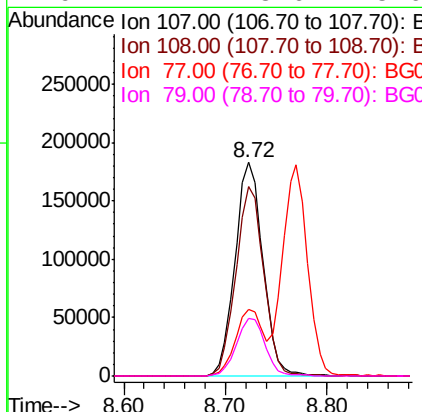
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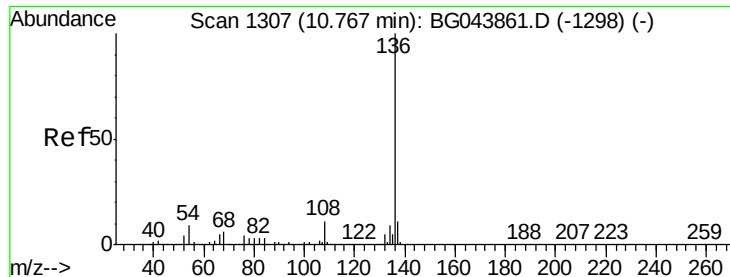
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#20
3+4-Methylphenols
Concen: 39.668 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Tgt Ion	Ion	Ratio	Lower	Upper
350936	107	100		
	108	88.6	70.3	110.3
	77	31.5	12.4	52.4
	79	27.2	8.6	48.6





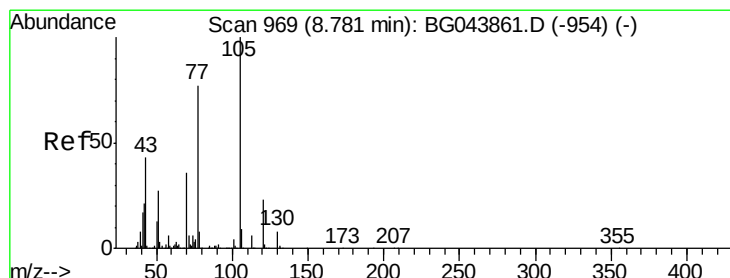
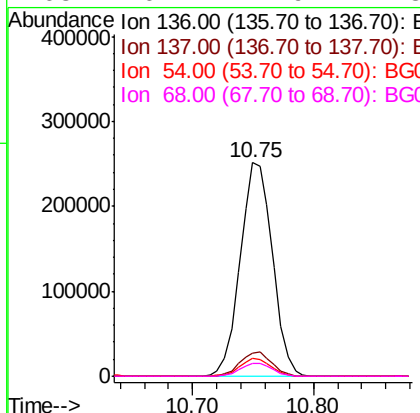
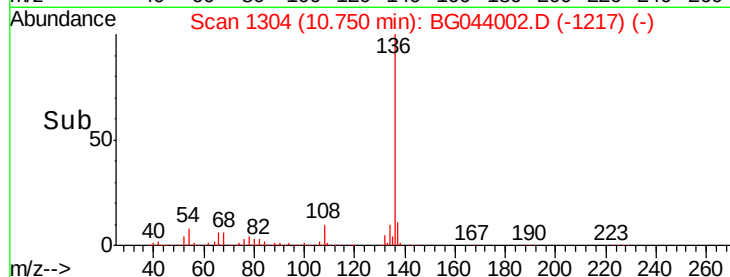
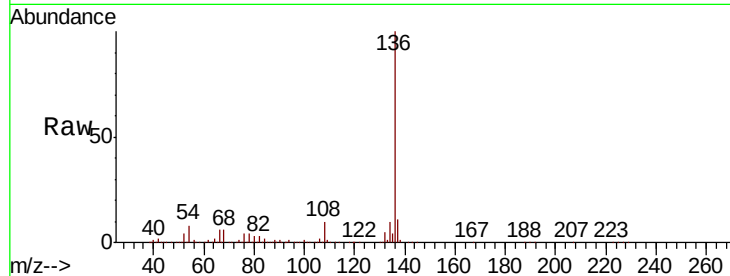
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Instrument :
BNA_G
ClientSampleId :
SOIL-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	466759		
137	10.7		8.8	13.2
54	8.5		7.0	10.4
68	6.1		4.9	7.3

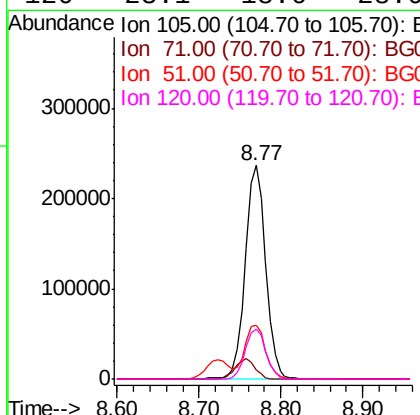
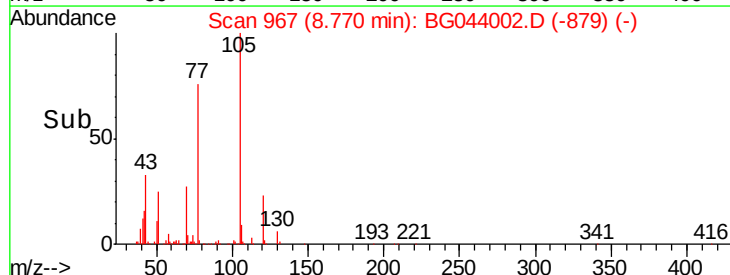
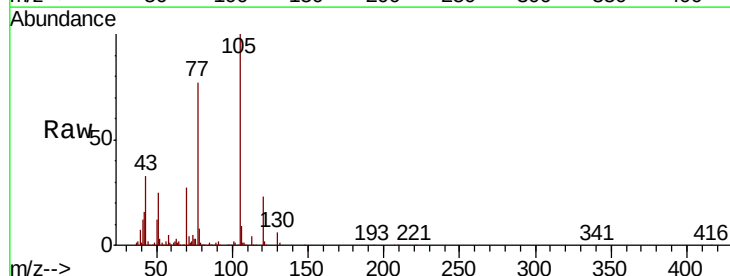
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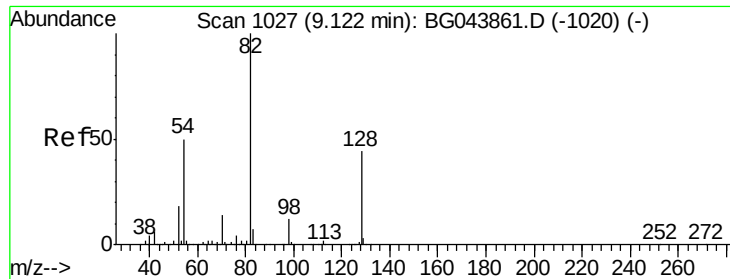
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#22
Acetophenone
Concen: 35.569 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	412739		
71	4.2		4.8	7.2#
51	25.2		21.4	32.0
120	23.1		18.6	28.0





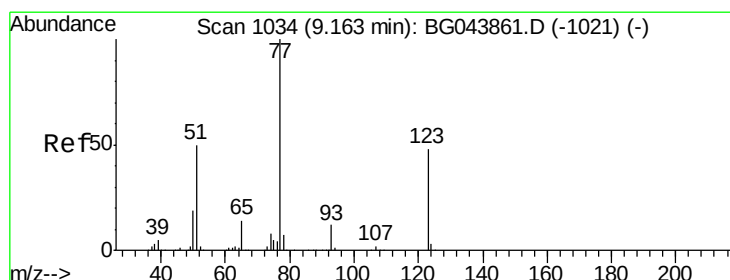
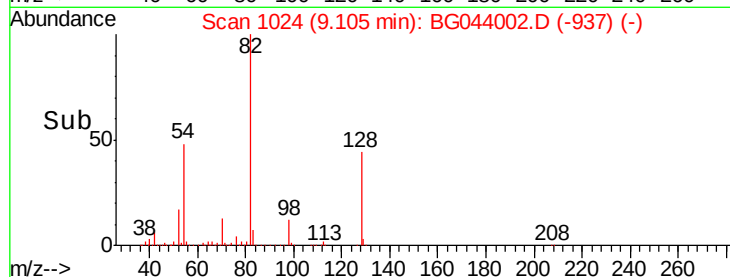
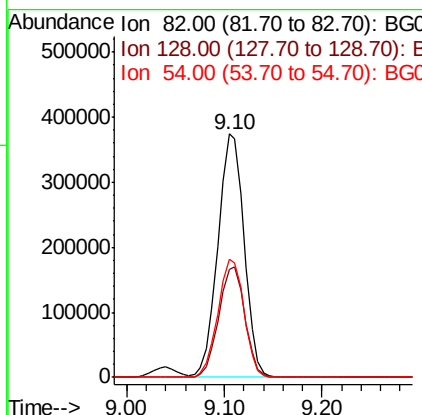
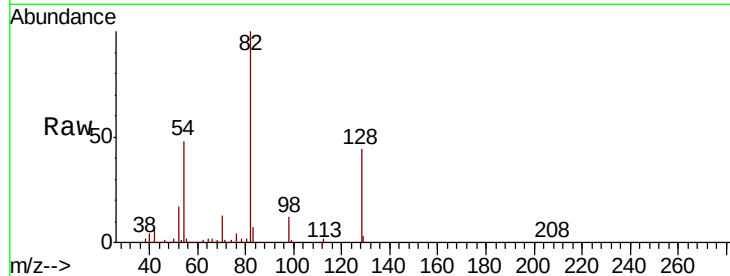
#23
 Nitrobenzene-d5
 Concen: 79.761 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG044002.D
 Acq: 10 Jan 2020 14:56

Instrument :
 BNA_G
 ClientSampled :
 SOIL-AMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.1	52.7
54	48.5	40.1	60.1

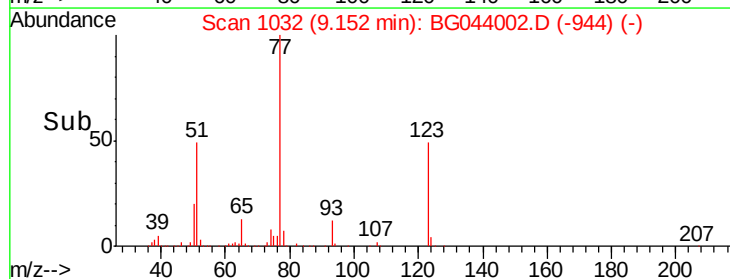
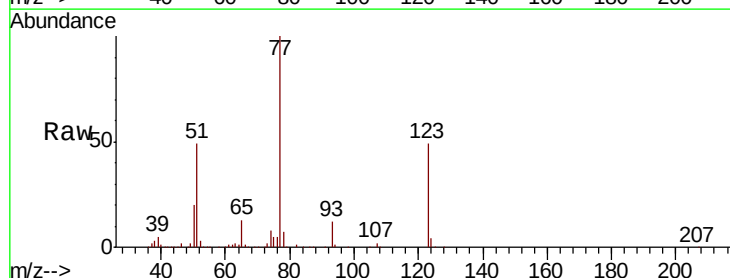
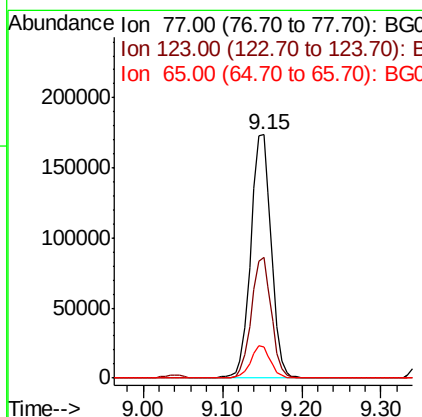
Manual Integrations
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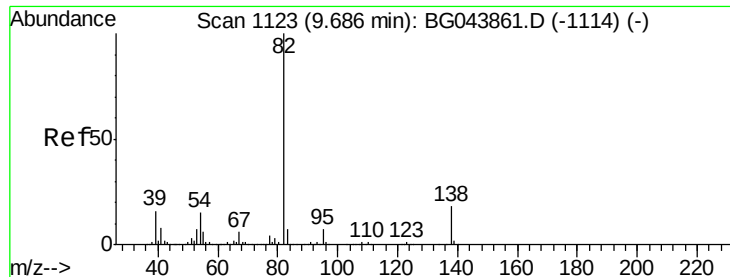
mohammad
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#24
 Nitrobenzene
 Concen: 36.333 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BG044002.D
 Acq: 10 Jan 2020 14:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.5	38.7	58.1
65	12.9	11.1	16.7





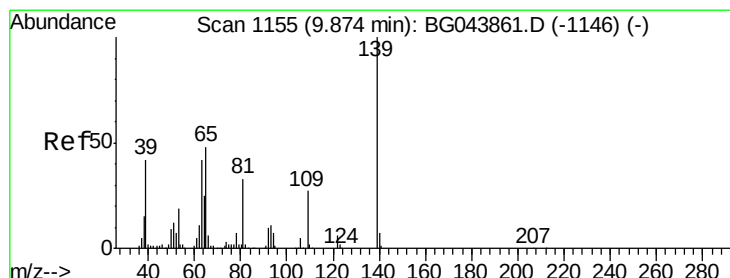
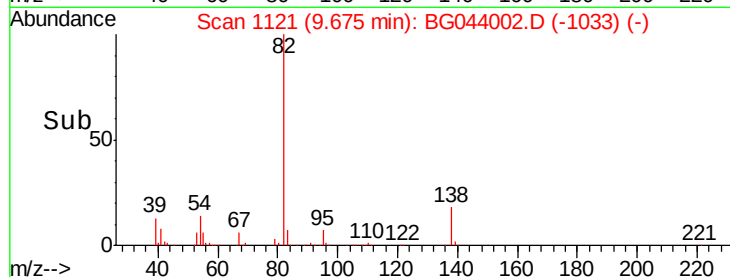
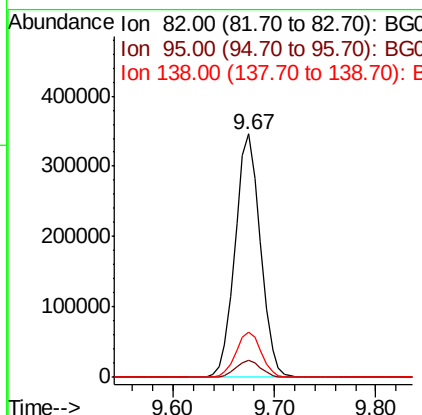
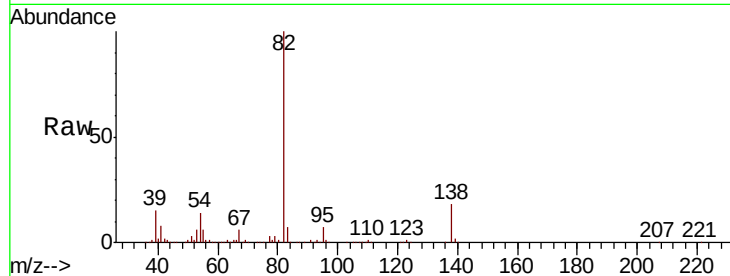
#25
Isophorone
Concen: 36.586 ng
RT: 9.67 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Instrument :
BNA_G
ClientSampleId :
SOIL-AMS

Tot Ion	82	Resp	598889
Ion Ratio	100	Lower	Upper
82	100		
95	6.9	5.8	8.6
138	18.3	14.6	22.0

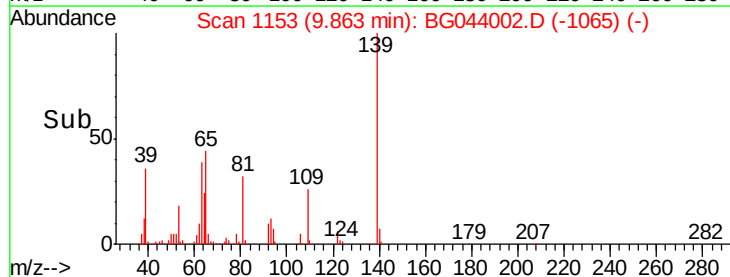
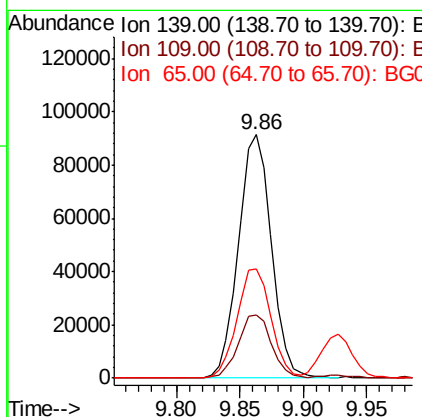
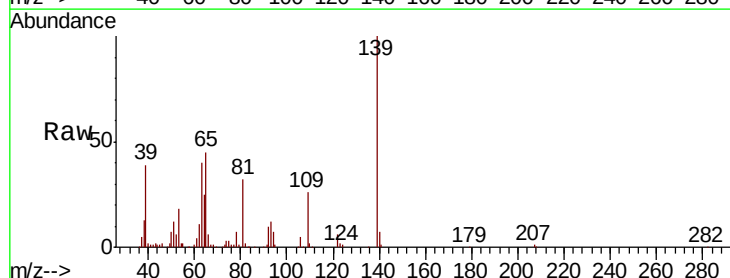
Manual Integrations
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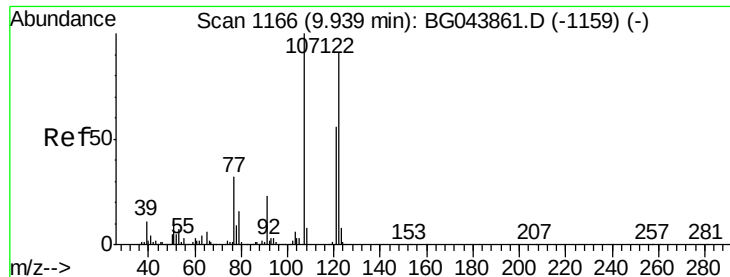
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#26
2-Nitrophenol
Concen: 40.367 ng
RT: 9.86 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Tgt Ion	139	Resp	165039
Ion Ratio	100	Lower	Upper
139	100		
109	25.9	21.3	31.9
65	44.6	38.6	57.8





#27

2,4-Dimethylphenol

Concen: 46.183 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

Instrument :

BNA_G

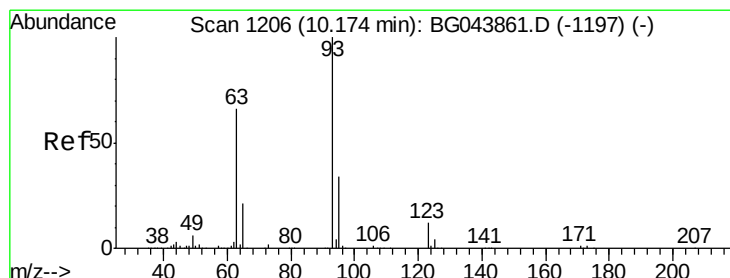
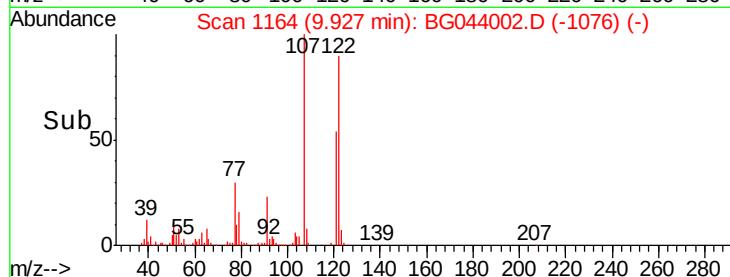
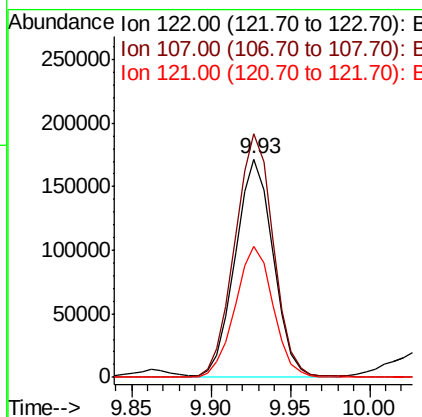
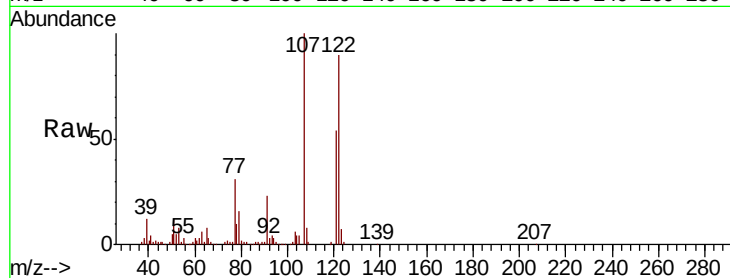
ClientSampled :

SOIL-AMS

Tot Ion:	122	Resp:	284230
Ion Ratio	Lower	Upper	
122	100		
107	111.7	88.0	132.0
121	60.3	49.0	73.4

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#28

bis(2-Chloroethoxy)methane

Concen: 35.516 ng

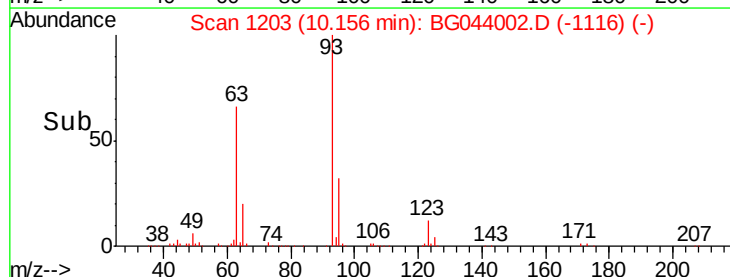
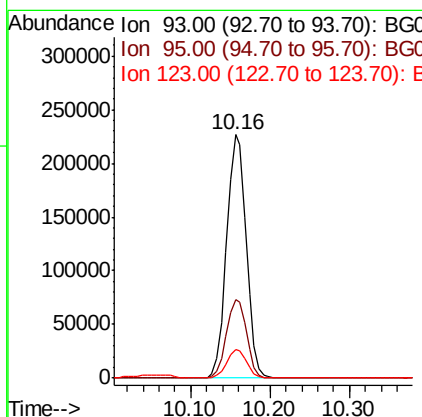
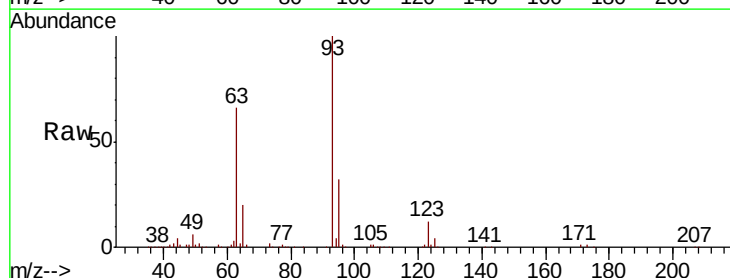
RT: 10.16 min Scan# 1203

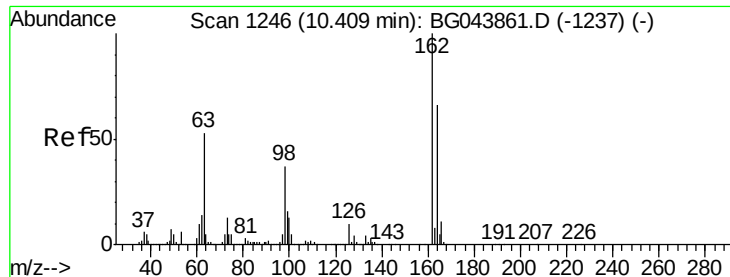
Delta R.T. -0.02 min

Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

Tgt Ion:	93	Resp:	387592
Ion Ratio	Lower	Upper	
93	100		
95	32.1	27.2	40.8
123	11.7	9.7	14.5





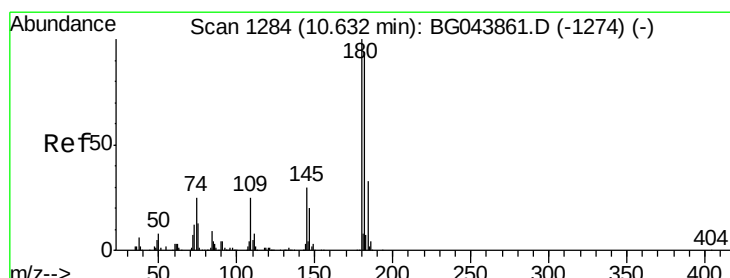
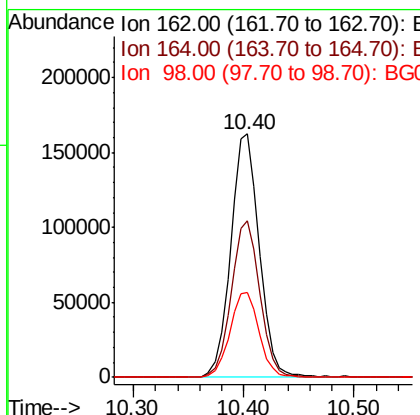
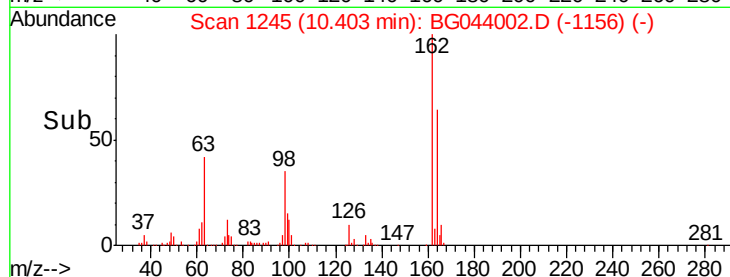
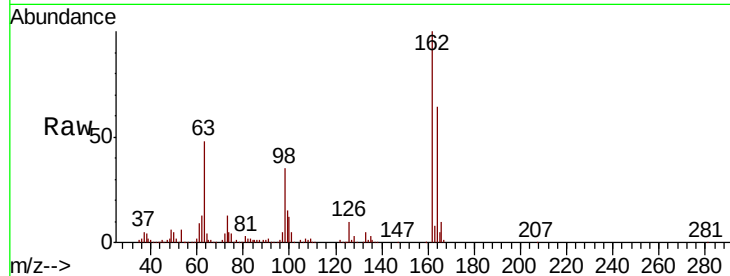
#29
 2,4-Dichlorophenol
 Concen: 40.098 ng
 RT: 10.40 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BG044002.D
 Acq: 10 Jan 2020 14:56

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-AMS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.1	46.3	86.3
98	34.9	17.3	57.3

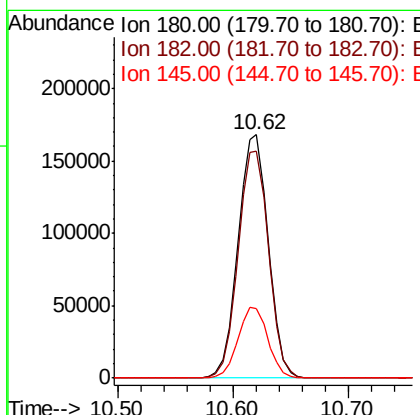
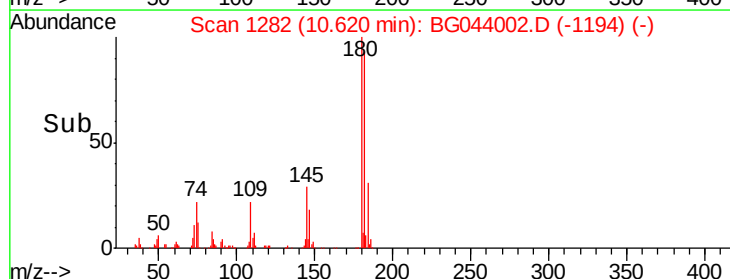
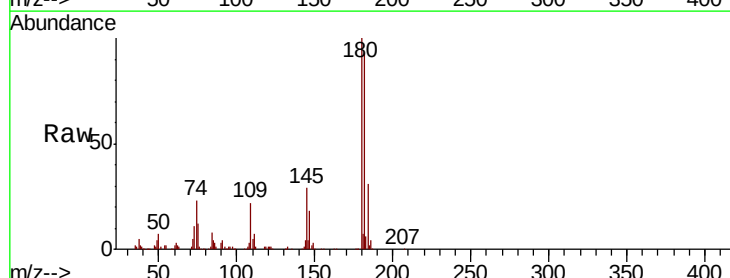
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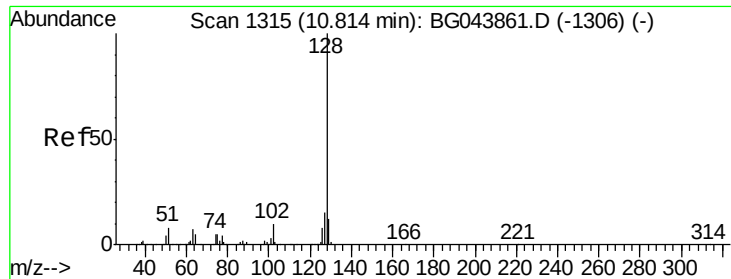
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.784 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BG044002.D
 Acq: 10 Jan 2020 14:56

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.0	75.0	112.4
145	28.7	24.2	36.4





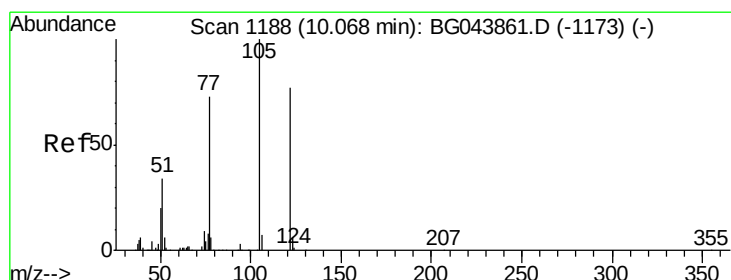
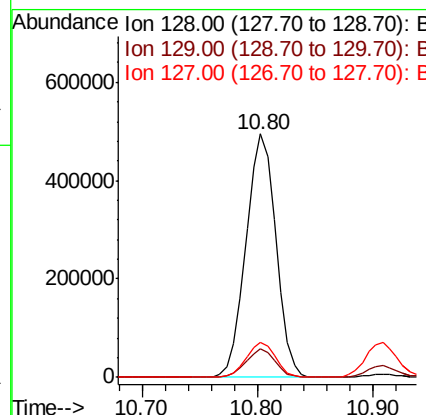
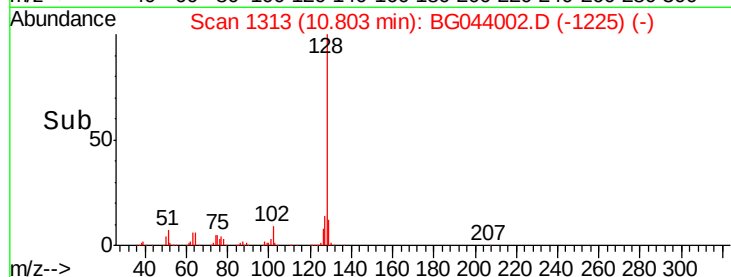
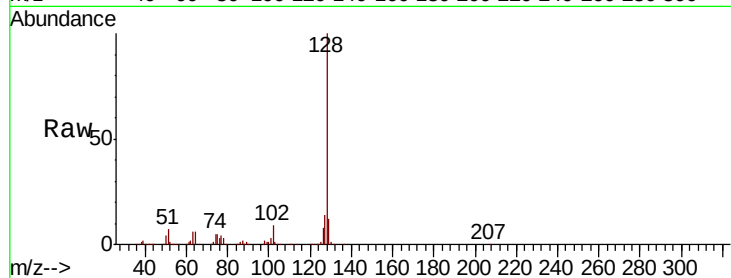
#31
Naphthalene
Concen: 39.530 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Instrument :
BNA_G
ClientSampleId :
SOIL-AMS

Tot Ion:	128	Resp:	892873
Ion Ratio	Lower	Upper	
128	100		
129	11.8	9.8	14.6
127	14.5	12.0	18.0

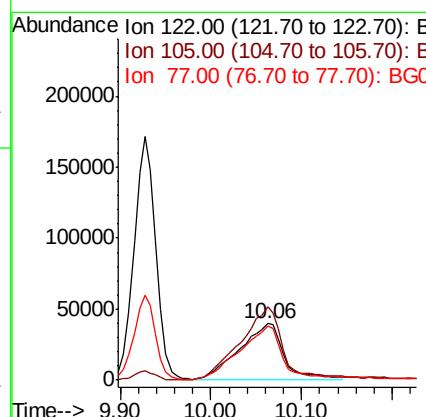
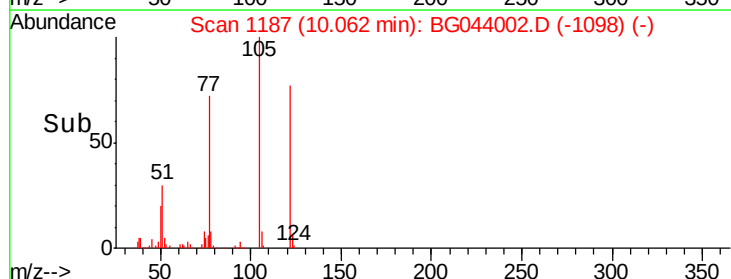
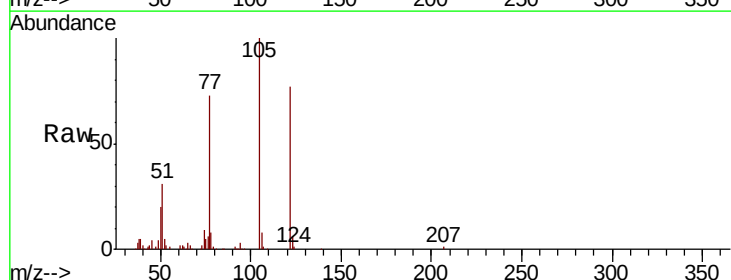
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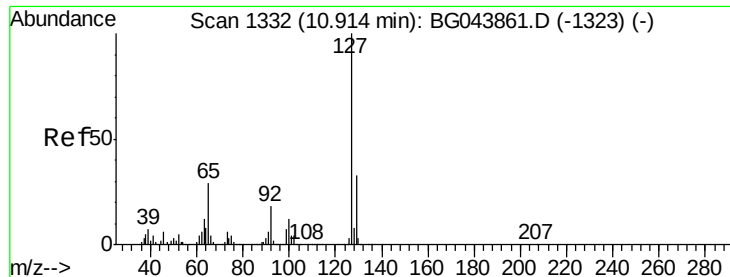
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#32
Benzoic acid
Concen: 29.040 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Tgt Ion:	122	Resp:	131286
Ion Ratio	Lower	Upper	
122	100		
105	129.6	106.4	146.4
77	94.6	74.6	114.6





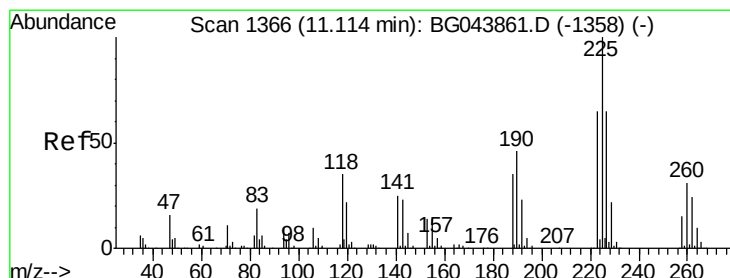
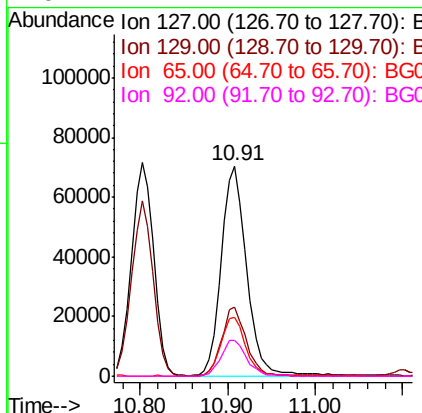
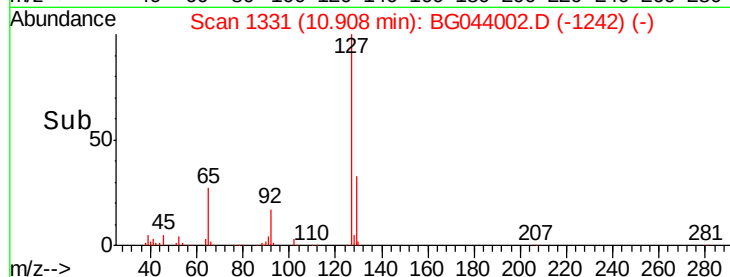
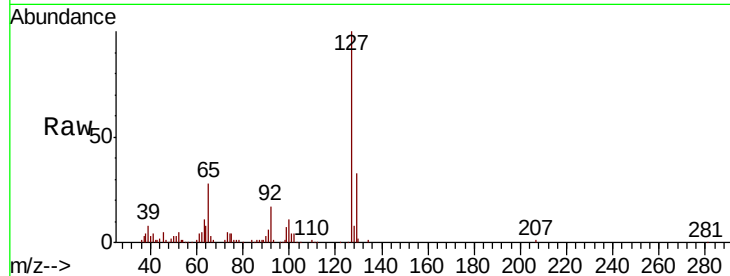
#33
4-Chloroaniline
Concen: 13.004 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Instrument :
BNA_G
ClientSampled :
SOIL-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.6	40.0		
65	27.8	23.3	34.9		
92	17.4	14.7	22.1		

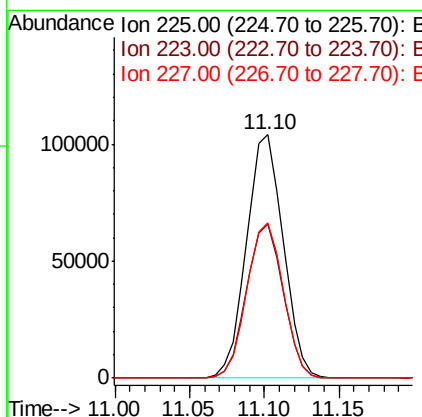
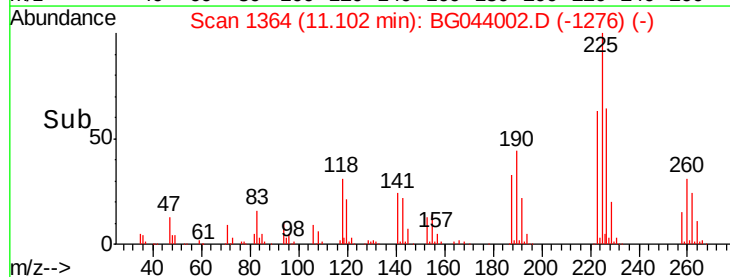
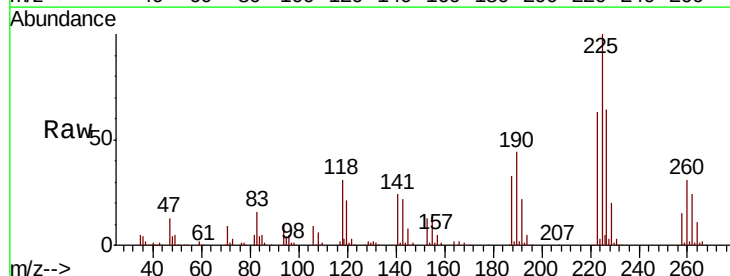
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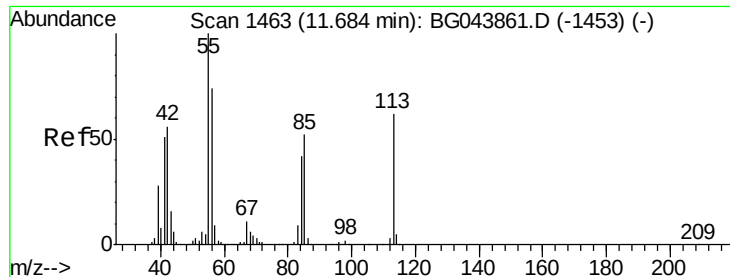
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#34
Hexachlorobutadiene
Concen: 35.173 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	52.2	78.4		
227	64.0	52.1	78.1		





#35

Caprolactam

Concen: 39.774 ng/mL

RT: 11.67 min Scan# 1460

Delta R.T. -0.02 min

Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

Instrument :

BNA_G

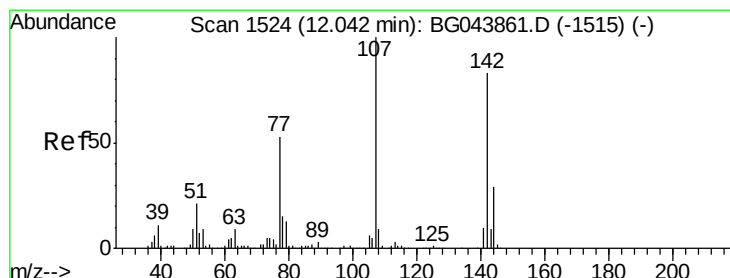
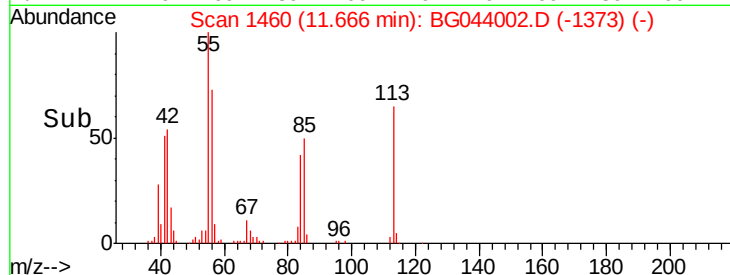
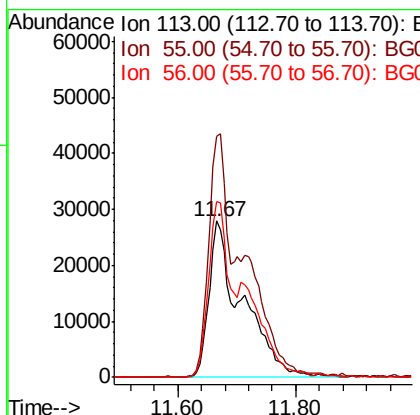
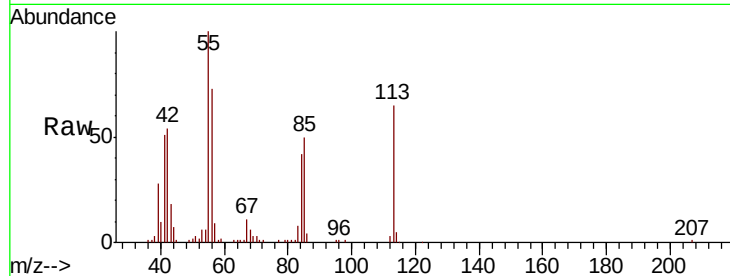
ClientSampled :

SOIL-AMS

Tot Ion:	113	Resp:	108696
Ion Ratio	Lower	Upper	
113	100		
55	154.0	142.5	182.5
56	112.3	101.4	141.4

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#36

4-Chloro-3-methylphenol

Concen: 39.473 ng/mL

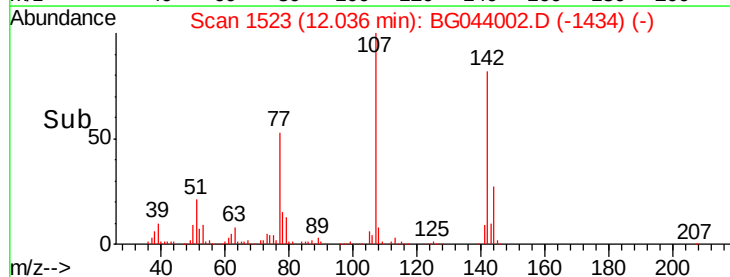
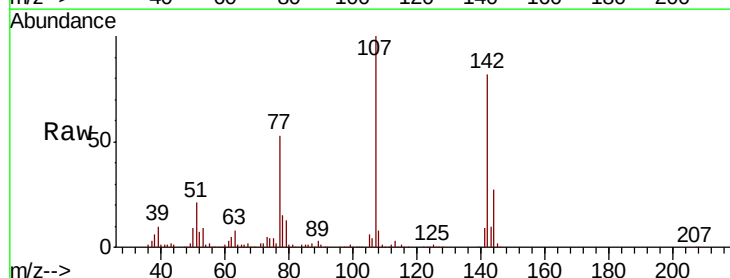
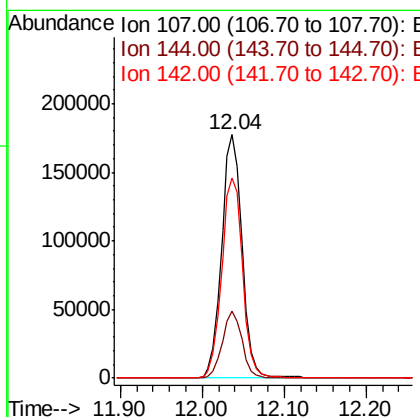
RT: 12.04 min Scan# 1523

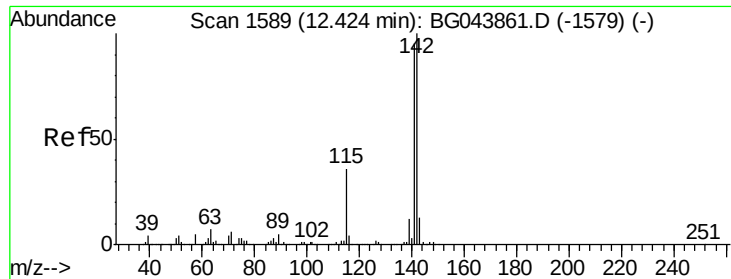
Delta R.T. -0.01 min

Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

Tgt Ion:	107	Resp:	308482
Ion Ratio	Lower	Upper	
107	100		
144	27.3	23.4	35.2
142	82.3	66.3	99.5





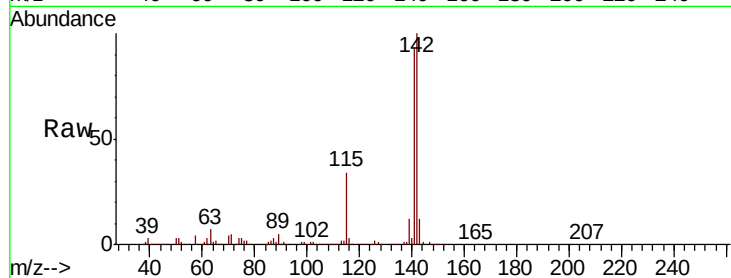
#37
 2-Methylnaphthalene
 Concen: 38.563 ng
 RT: 12.41 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BG044002.D
 Acq: 10 Jan 2020 14:56

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.3	75.8	113.8
115	34.1	28.6	42.8

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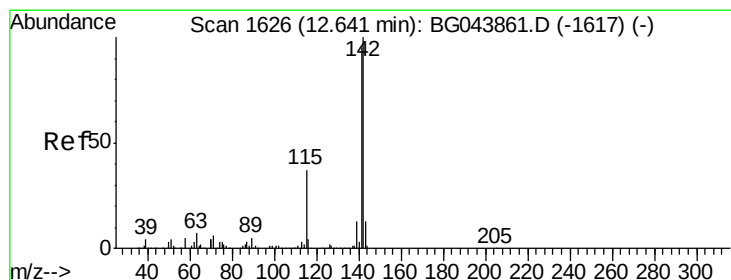
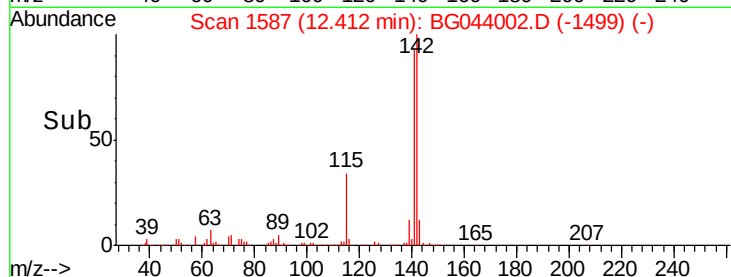
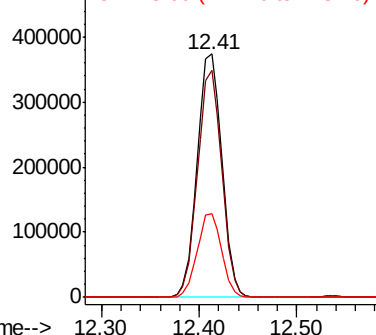


Abundance

Ion 142.00 (141.70 to 142.70): E

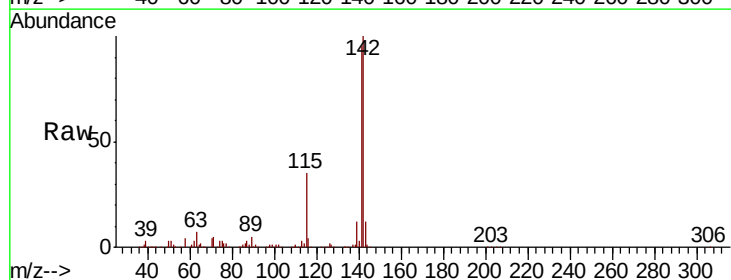
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 38.947 ng
 RT: 12.63 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BG044002.D
 Acq: 10 Jan 2020 14:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.2	76.0	114.0
116	3.7	3.1	4.7

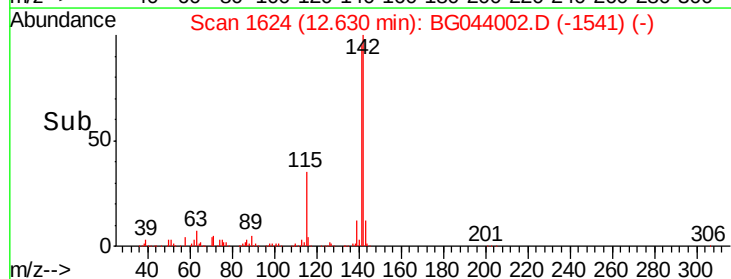
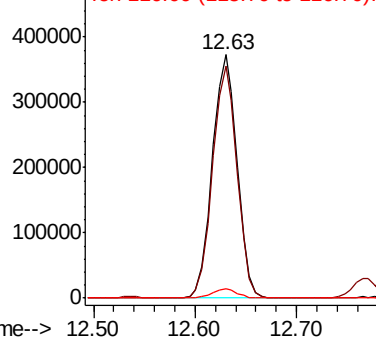


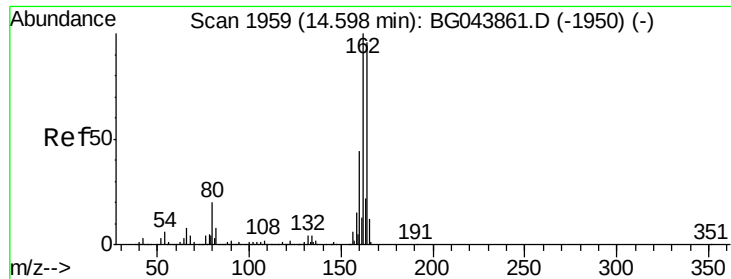
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

Instrument :

BNA_G

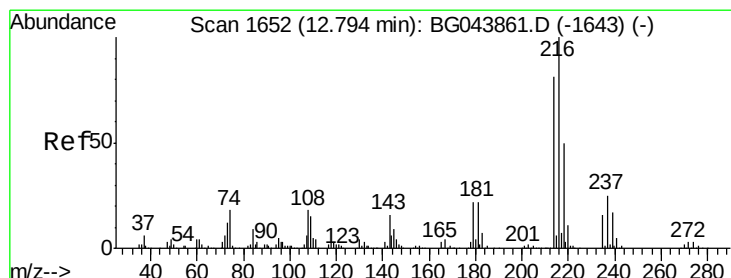
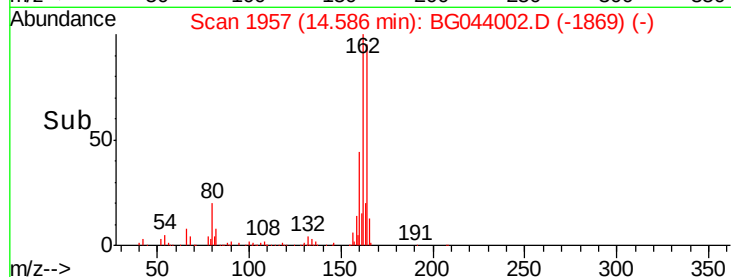
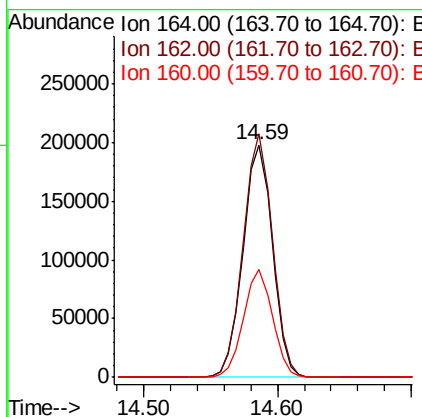
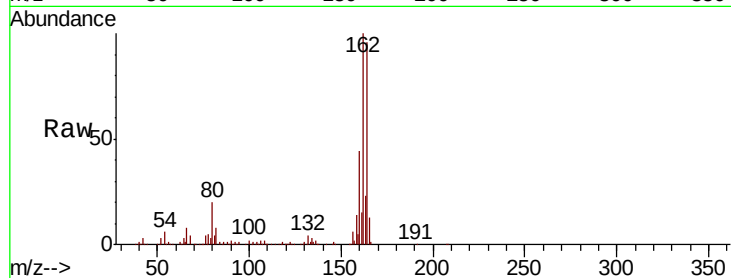
ClientSampled :

SOIL-AMS

Tot Ion:	164	Resp:	301452
Ion Ratio	Lower	Upper	
164	100		
162	104.7	83.0	124.4
160	46.5	36.1	54.1

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.756 ng

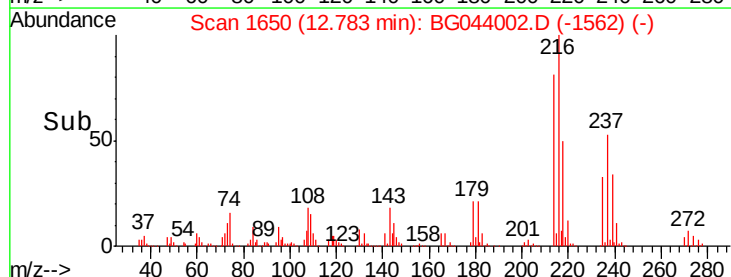
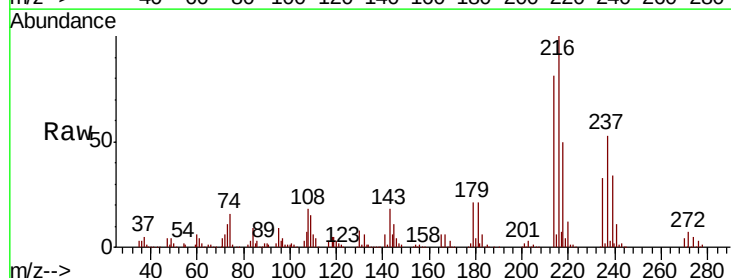
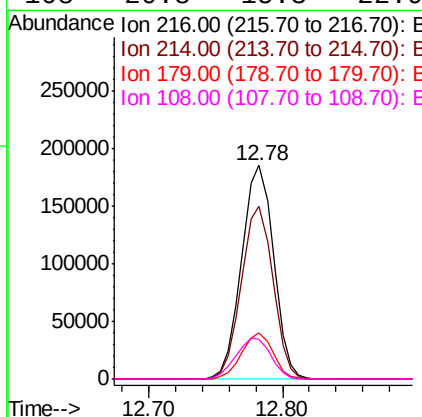
RT: 12.78 min Scan# 1650

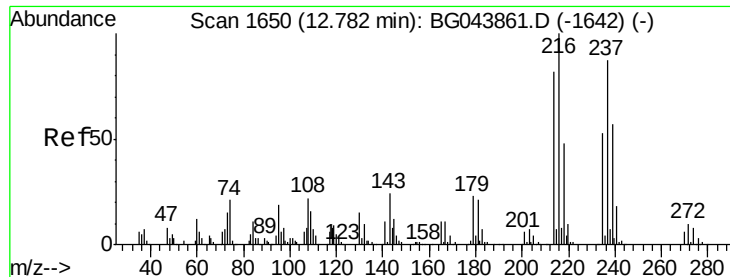
Delta R.T. -0.01 min

Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

Tgt Ion:	216	Resp:	307086
Ion Ratio	Lower	Upper	
216	100		
214	80.3	63.8	95.8
179	21.2	17.3	25.9
108	20.8	15.3	22.9





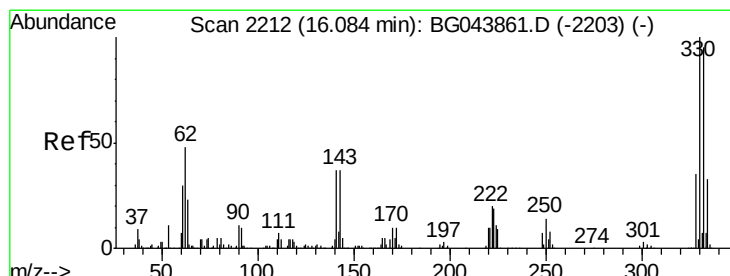
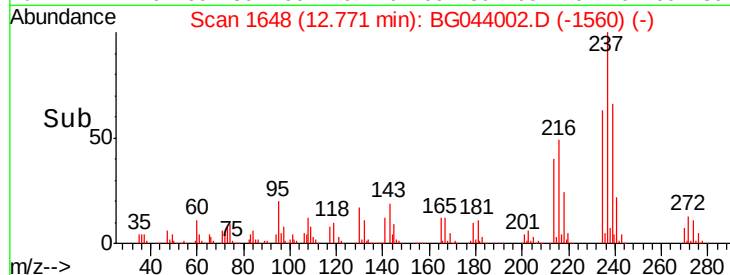
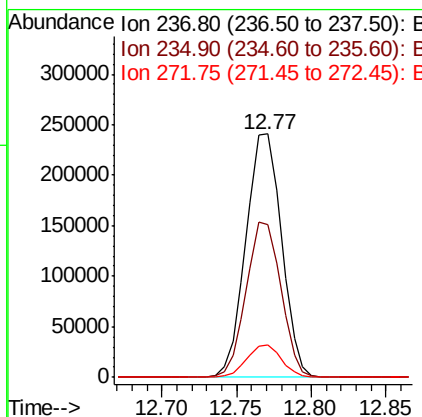
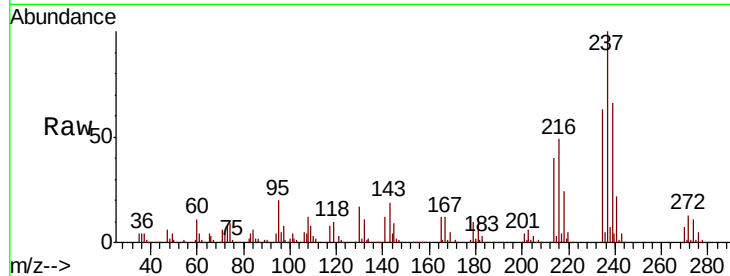
#41
Hexachlorocyclopentadiene
Concen: 87.130 ng
RT: 12.77 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Instrument :
BNA_G
ClientSampleId :
SOIL-AMS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.6	41.1	81.1
272	13.1	0.0	31.7

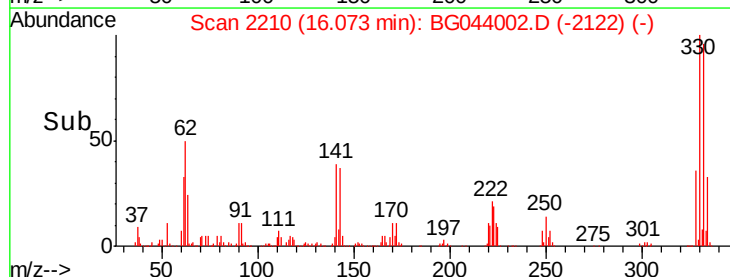
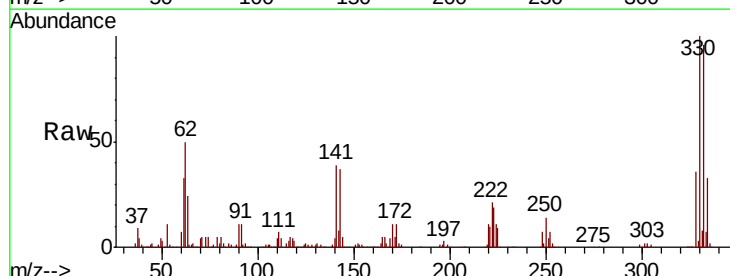
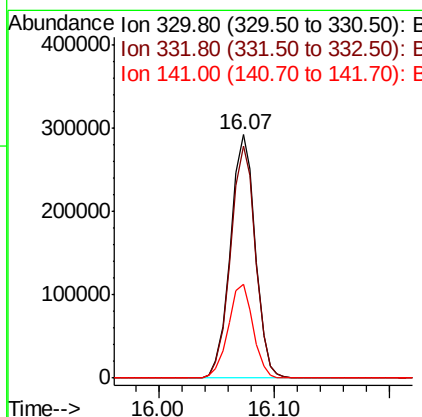
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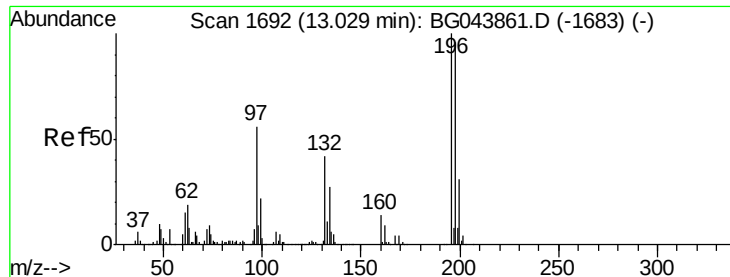
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#42
2,4,6-Tribromophenol
Concen: 137.787 ng
RT: 16.07 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.9	77.2	115.8
141	38.7	33.1	49.7





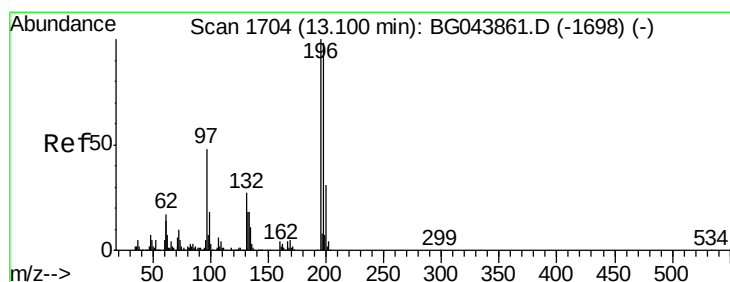
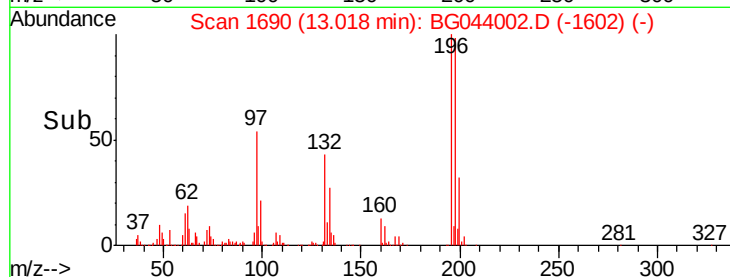
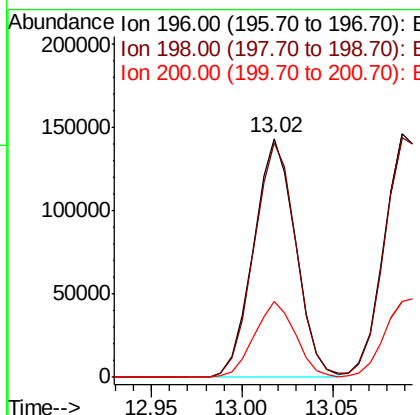
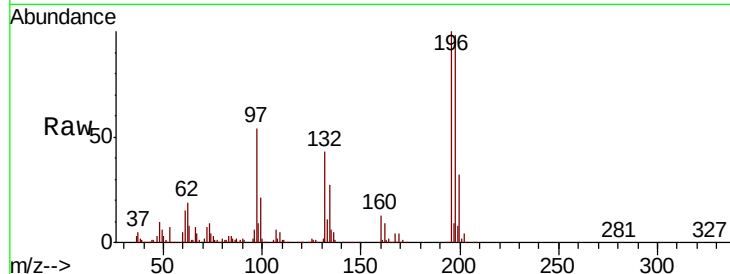
#43
2,4,6-Trichlorophenol
Concen: 37.844 ng
RT: 13.02 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Instrument :
BNA_G
ClientSampleId :
SOIL-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	230073		
198	98.5	76.6	115.0	
200	32.0	24.6	37.0	

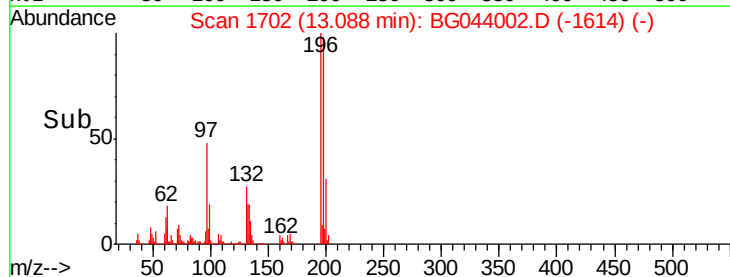
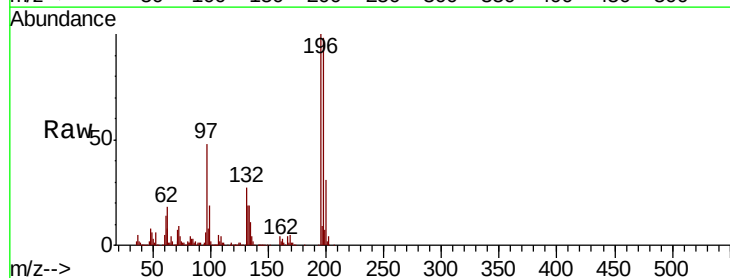
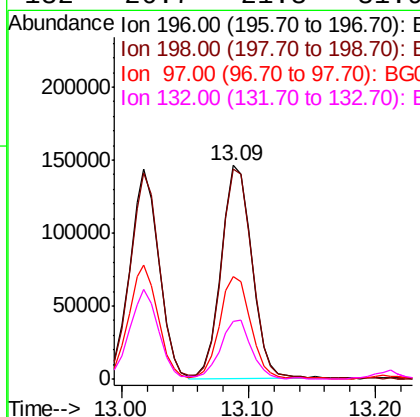
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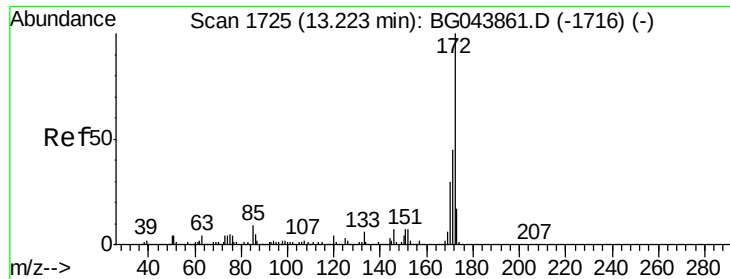
mohammad
1/13/2020 2:20:57 PM



#44
2,4,5-Trichlorophenol
Concen: 39.114 ng
RT: 13.09 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	245258		
198	98.5	78.3	117.5	
97	47.9	38.8	58.2	
132	26.7	21.3	31.9	





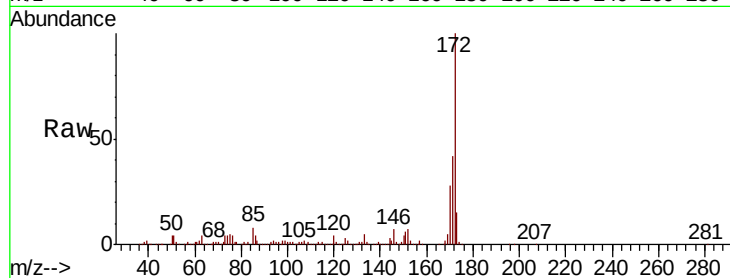
#45
2-Fluorobiphenyl
Concen: 89.829 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Instrument :
BNA_G
ClientSampleId :
SOIL-AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	42.3	35.8	53.8
170	28.5	24.2	36.4

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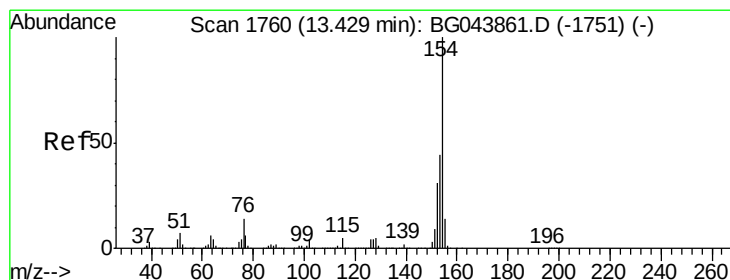
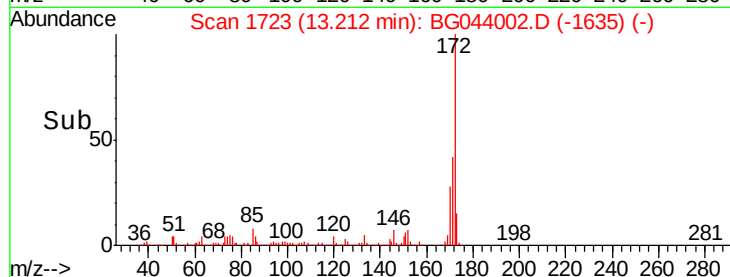
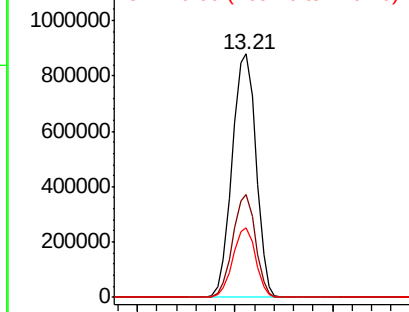


Abundance

Ion 172.00 (171.70 to 172.70): E

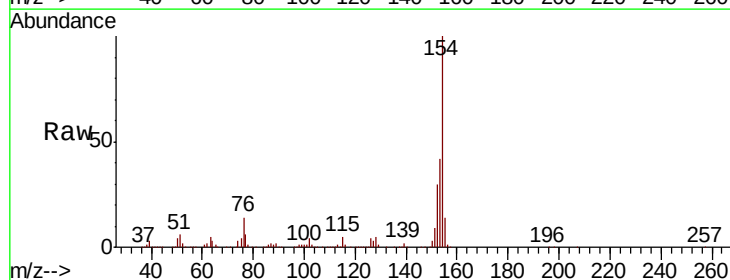
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 38.320 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	23.6	63.6
76	14.0	0.0	34.4

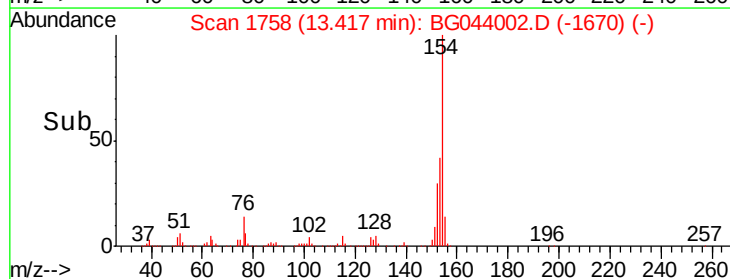
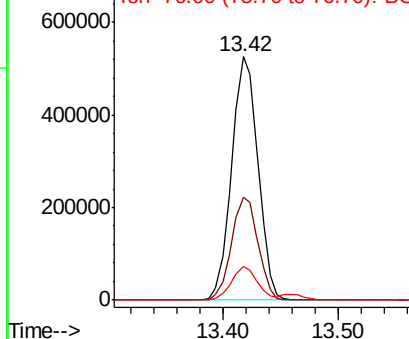


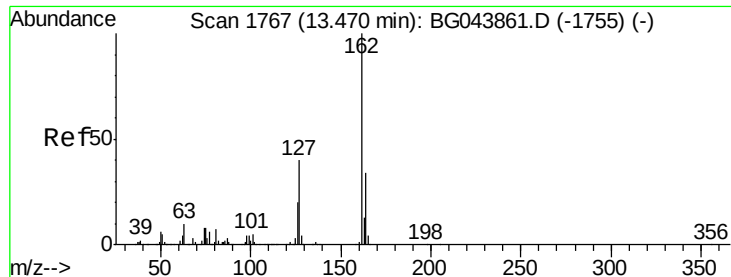
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC





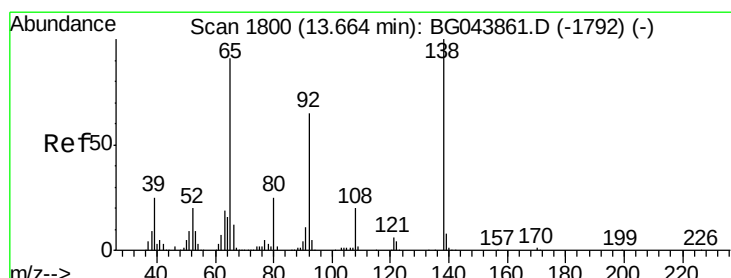
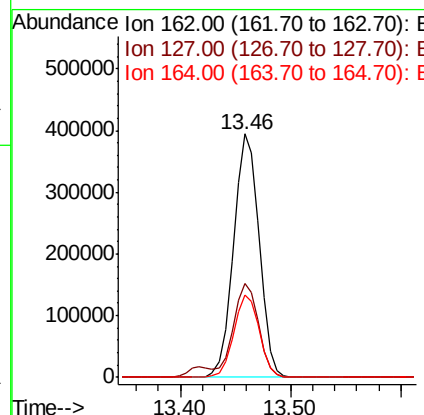
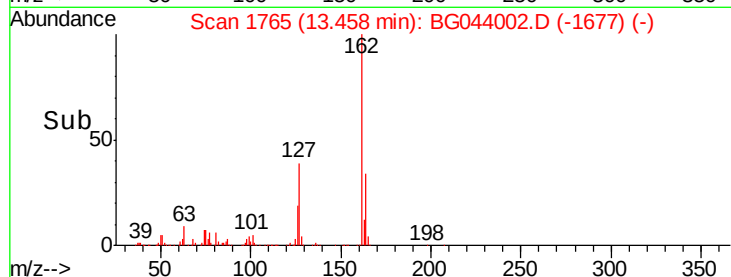
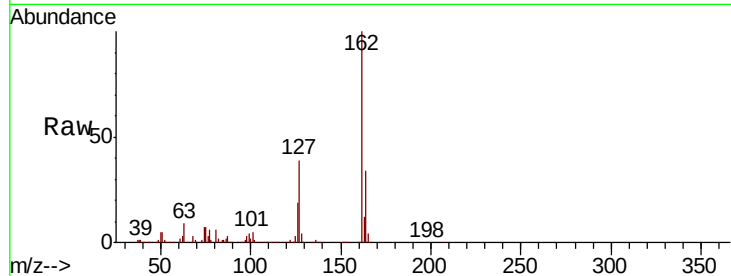
#47
2-Chloronaphthalene
Concen: 36.605 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Instrument :
BNA_G
ClientSampleId :
SOIL-AMS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	38.8	32.1	48.1
164	33.7	27.5	41.3

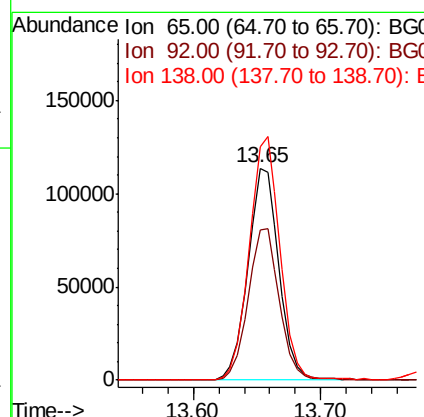
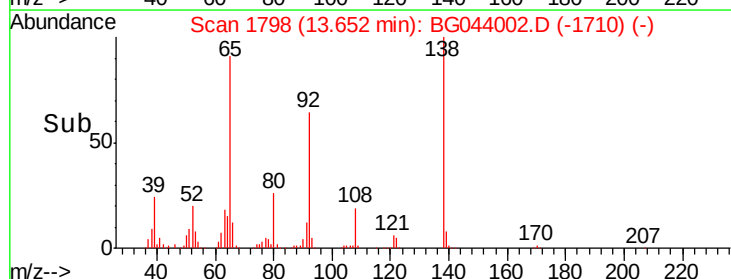
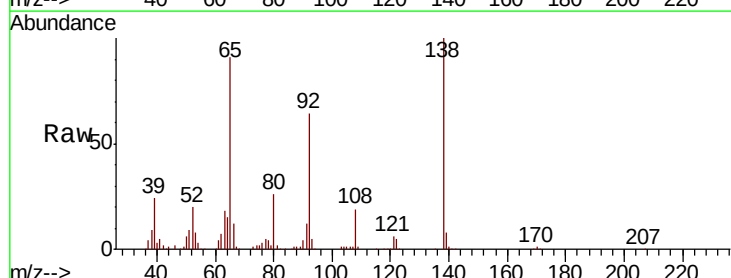
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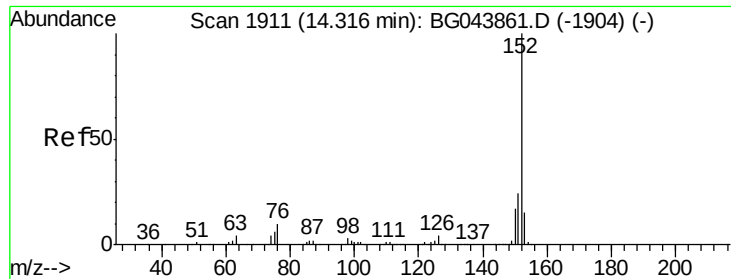
mohammad
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#48
2-Nitroaniline
Concen: 34.381 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	70.9	57.4	86.2
138	110.3	88.2	132.4





#49

Acenaphthylene

Concen: 40.225 ng

RT: 14.30 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

Instrument :

BNA_G

ClientSampleId :

SOIL-AMS

Tot Ion:152 Resp: 1009766

Ion Ratio Lower Upper

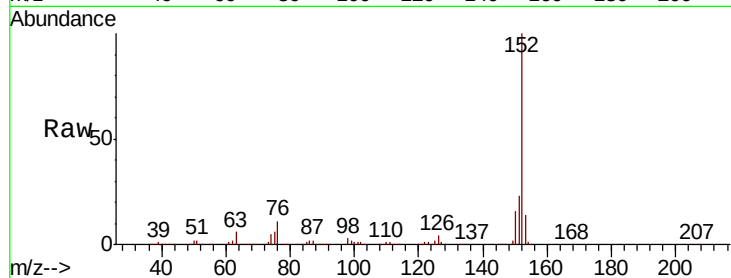
152 100

151 22.7 19.4 29.2

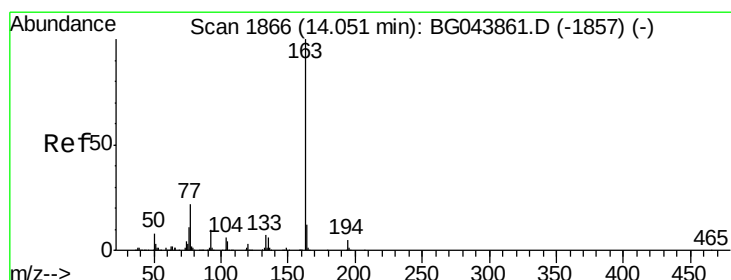
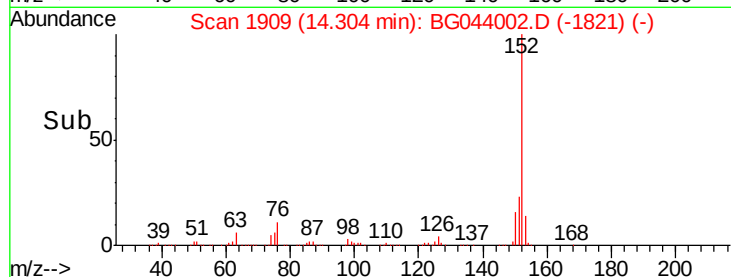
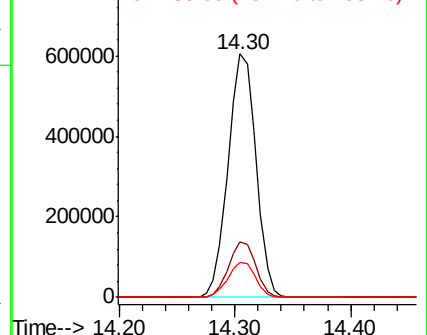
153 14.2 12.0 18.0

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.651 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

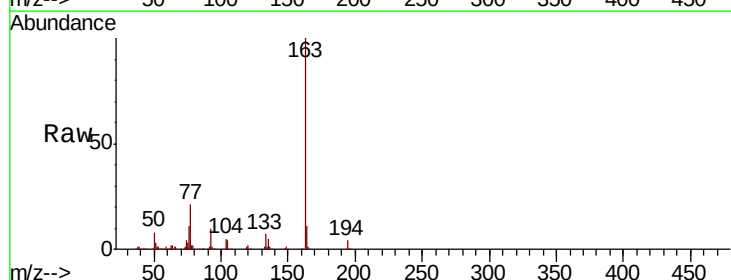
Tgt Ion:163 Resp: 934314

Ion Ratio Lower Upper

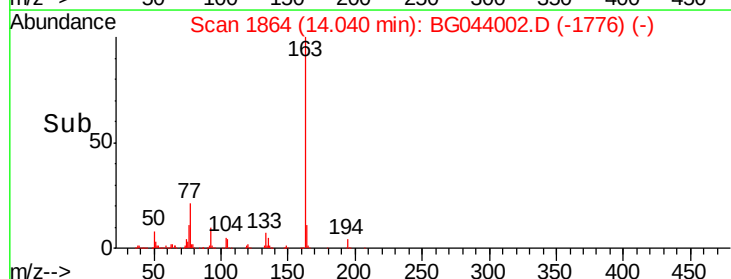
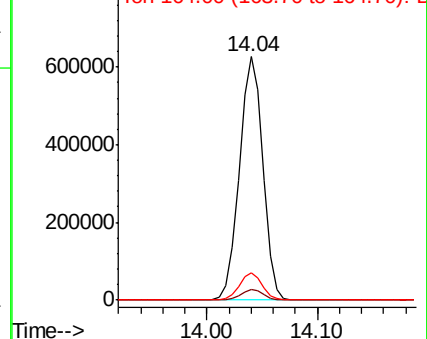
163 100

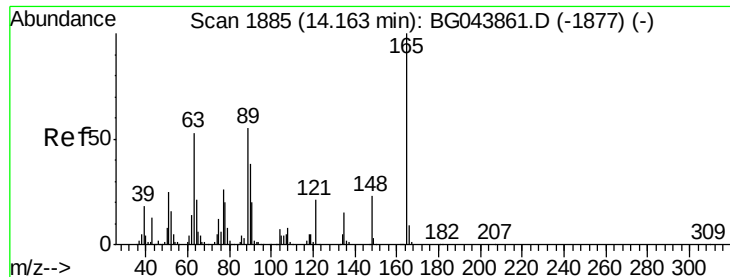
194 4.4 3.7 5.5

164 11.2 9.3 13.9



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





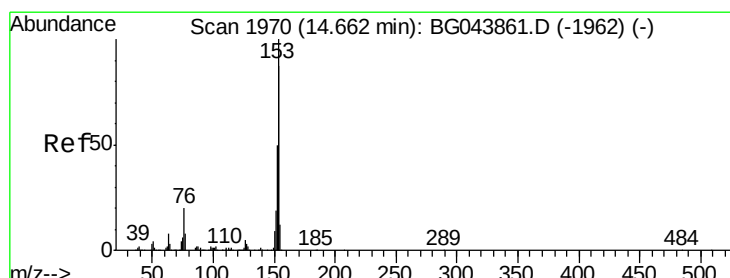
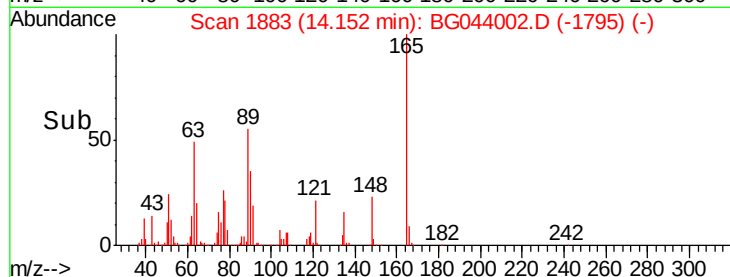
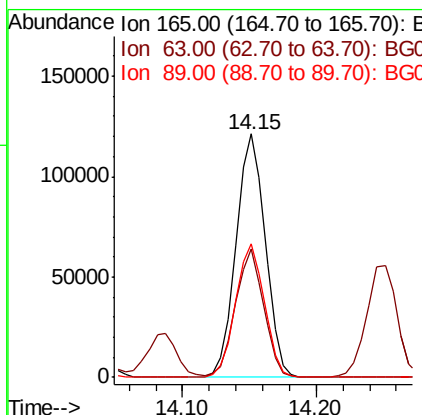
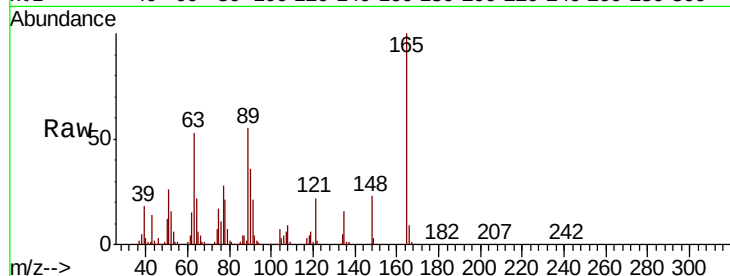
#51
2,6-Dinitrotoluene
Concen: 38.006 ng
RT: 14.15 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Instrument :
BNA_G
ClientSampleId :
SOIL-AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	183870		
63	52.5	43.1	64.7	
89	54.8	43.8	65.6	

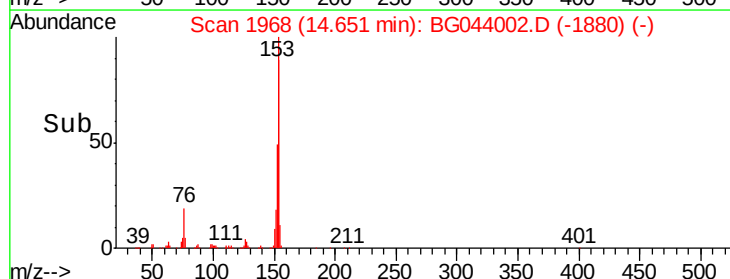
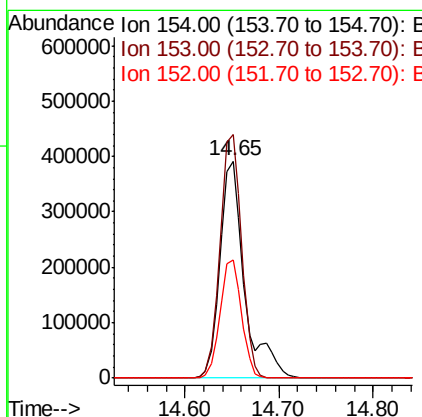
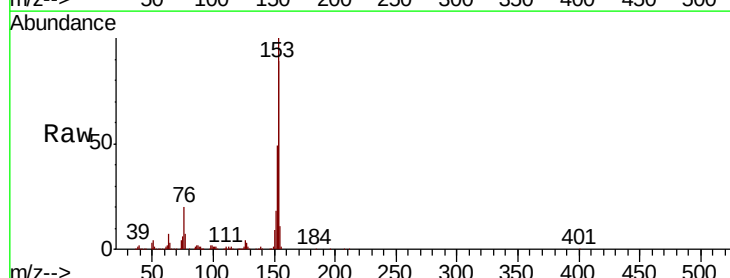
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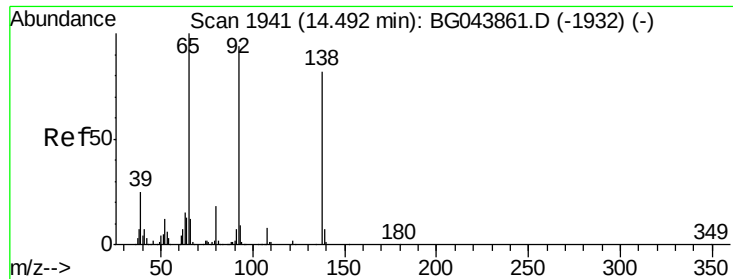
mohammad
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#52
Acenaphthene
Concen: 40.691 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	716339		
153	112.2	91.6	137.4	
152	54.6	45.4	68.0	





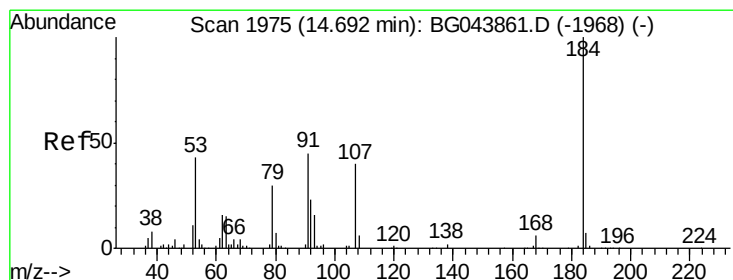
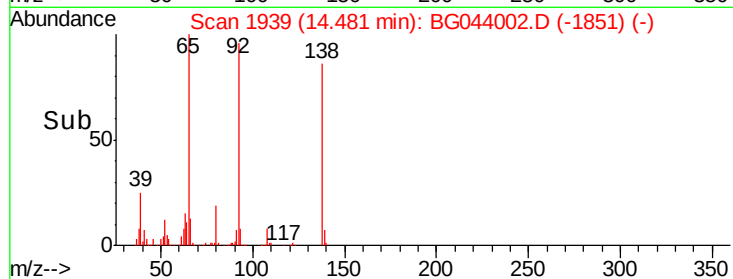
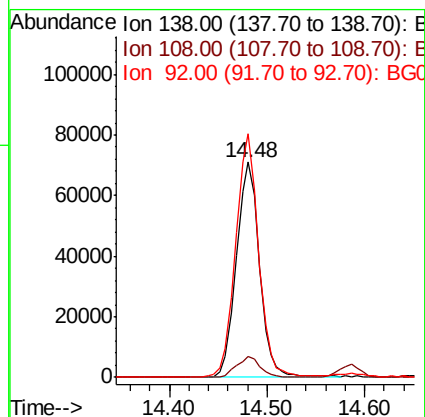
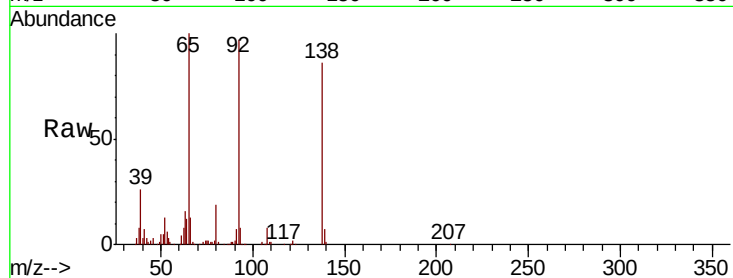
#53
 3-Nitroaniline
 Concen: 21.459 ng
 RT: 14.48 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BG044002.D
 Acq: 10 Jan 2020 14:56

Instrument :
 BNA_G
 ClientSampled :
 SOIL-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.4	11.2
92	113.2	92.1	138.1

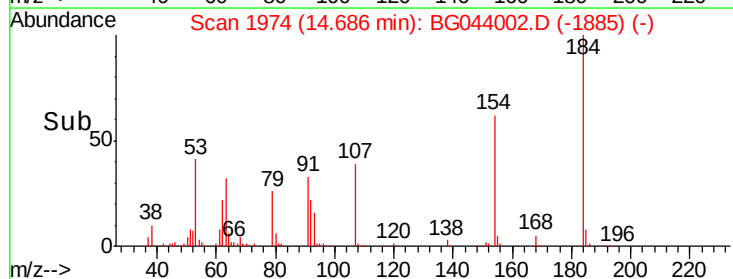
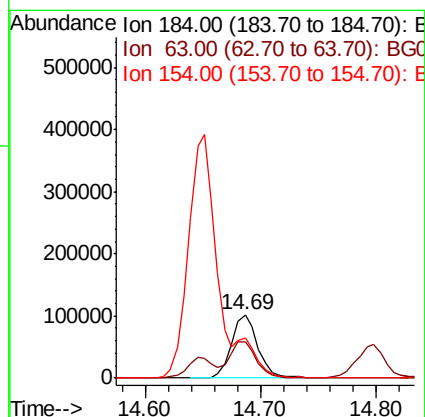
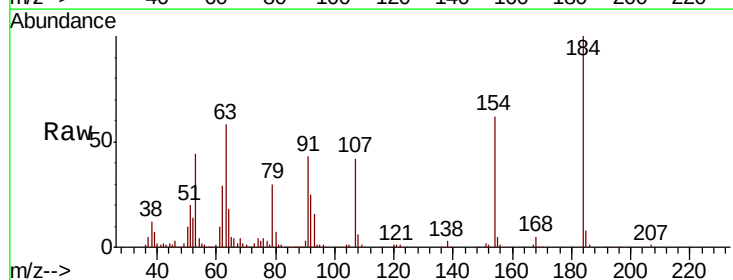
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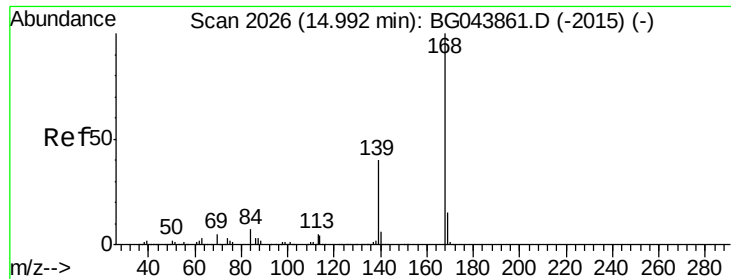
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#54
 2,4-Dinitrophenol
 Concen: 67.200 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BG044002.D
 Acq: 10 Jan 2020 14:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.6	46.6	70.0
154	62.1	50.2	75.4





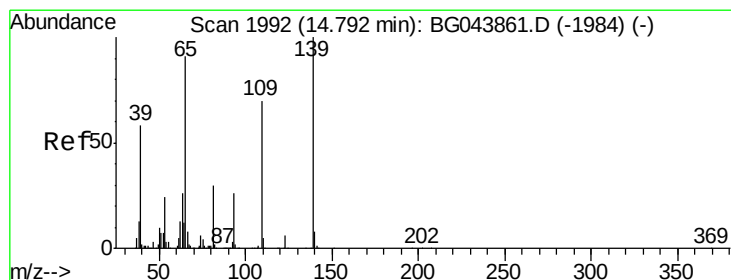
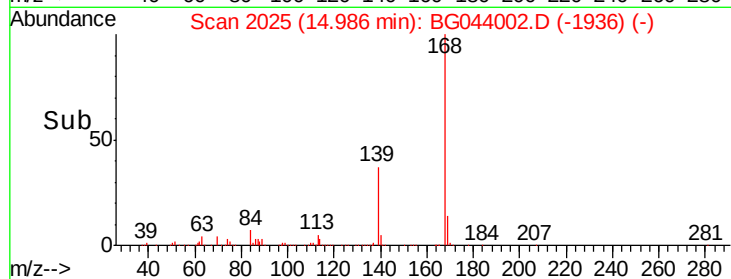
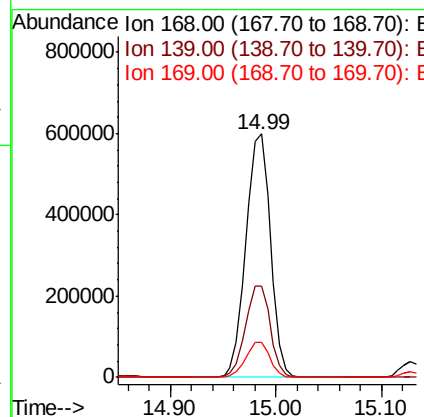
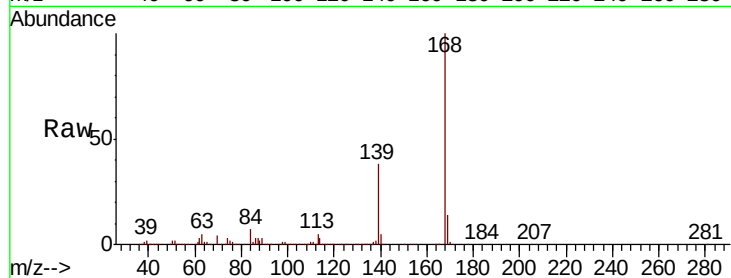
#55
Dibenzenofuran
Concen: 39.853 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Instrument :
BNA_G
ClientSampleId :
SOIL-AMS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	965795		
139	37.7		32.2	48.2
169	14.4		12.2	18.2

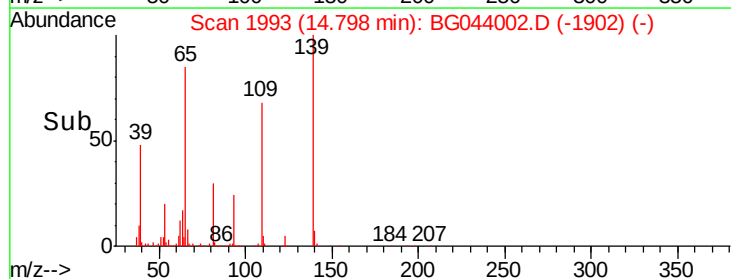
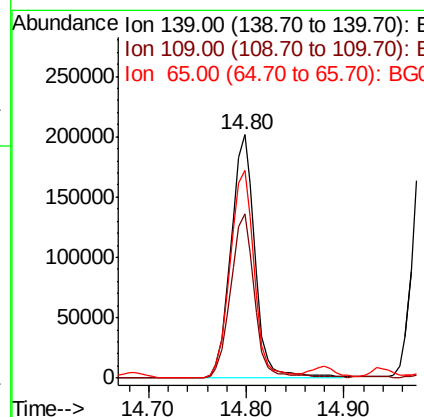
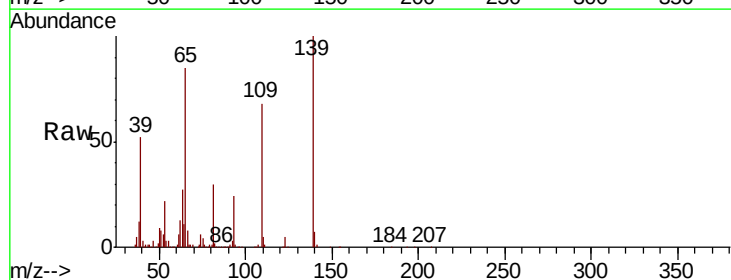
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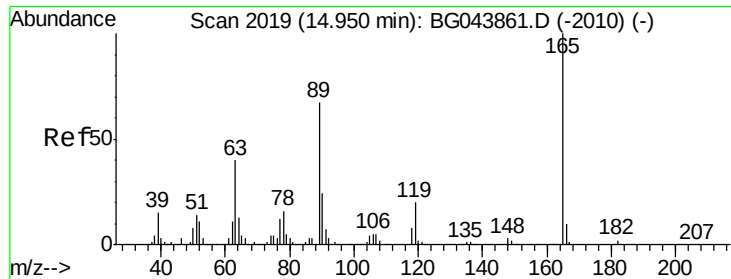
mohammad
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#56
4-Nitrophenol
Concen: 82.115 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	345700		
109	67.7		50.4	90.4
65	85.2		71.4	111.4





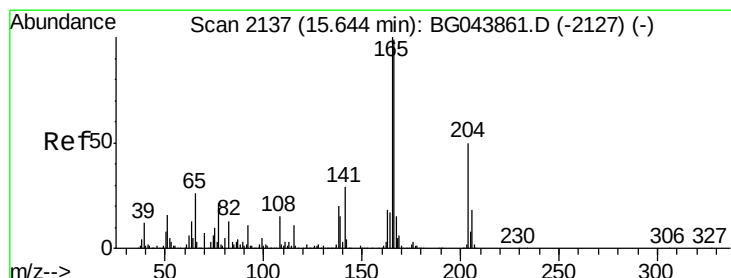
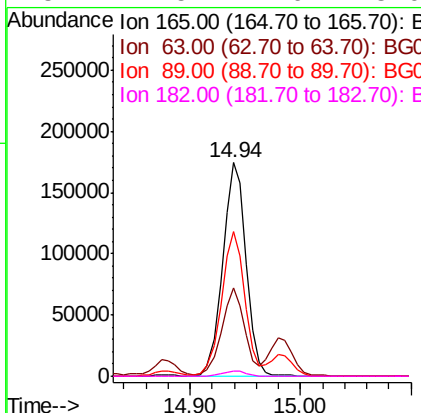
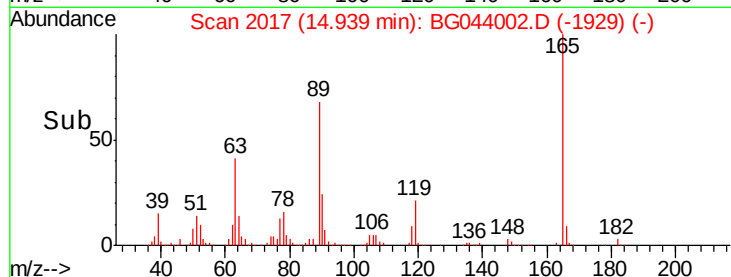
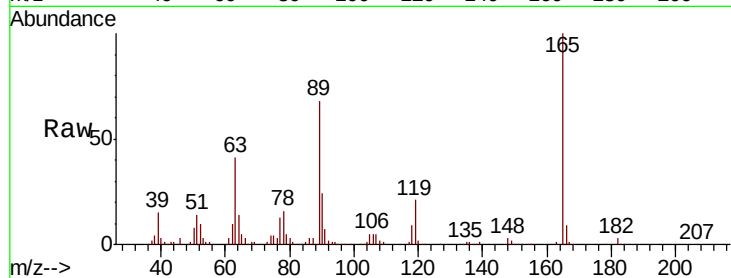
#57
2,4-Dinitrotoluene
Concen: 39.091 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Instrument :
BNA_G
ClientSampleId :
SOIL-AMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.2	31.9	47.9
89	68.0	53.8	80.6
182	2.5	2.0	3.0

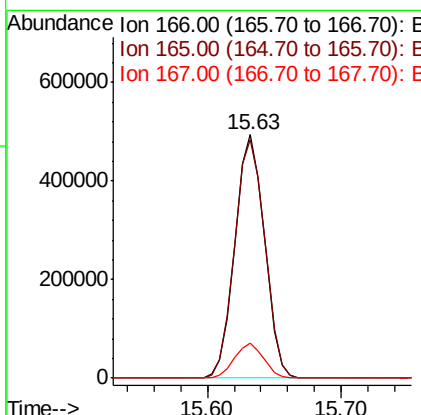
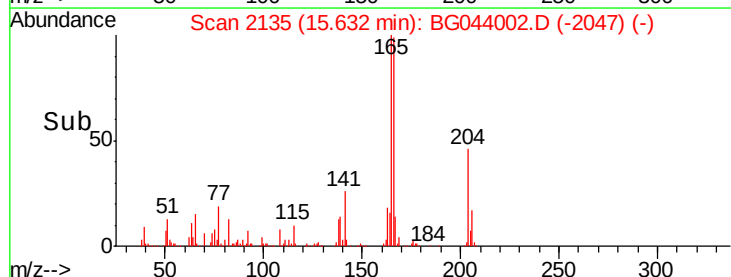
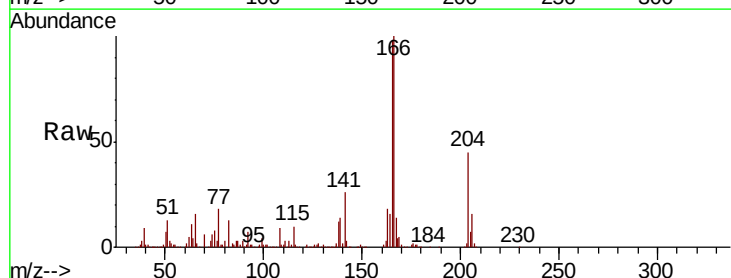
Manual Integrations
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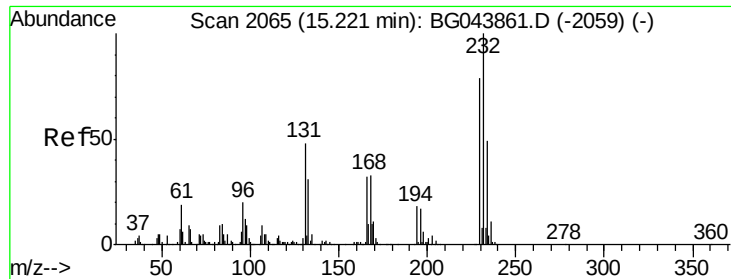
mohammad
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#58
Fluorene
Concen: 39.553 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	80.8	121.2
167	14.3	12.1	18.1





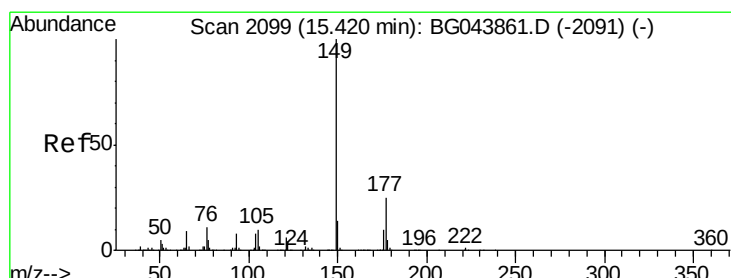
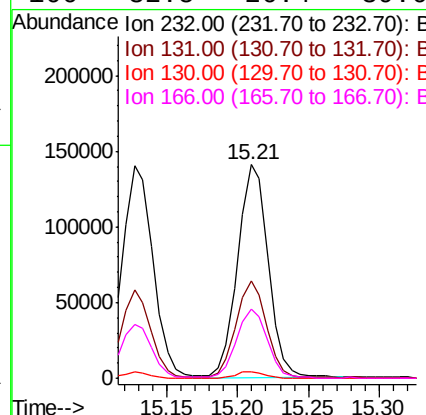
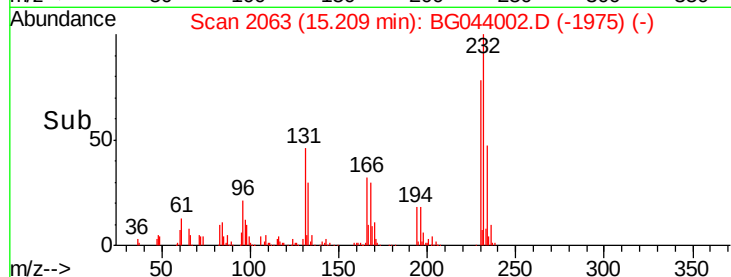
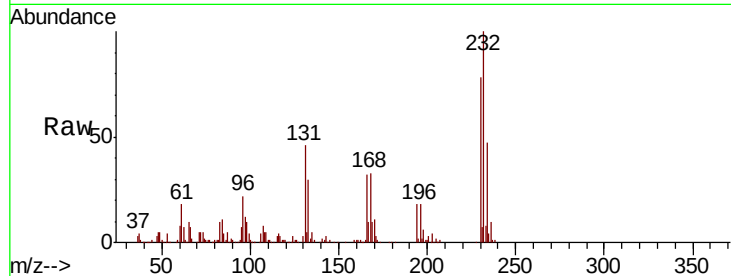
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.449 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: BG044002.D
 Acq: 10 Jan 2020 14:56

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-AMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	212701		
131	45.8	38.2	57.2	
130	2.8	2.2	3.2	
166	32.5	26.4	39.6	

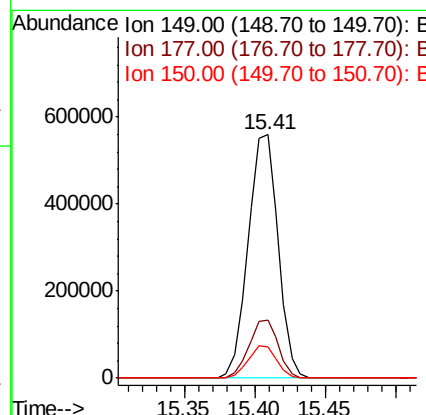
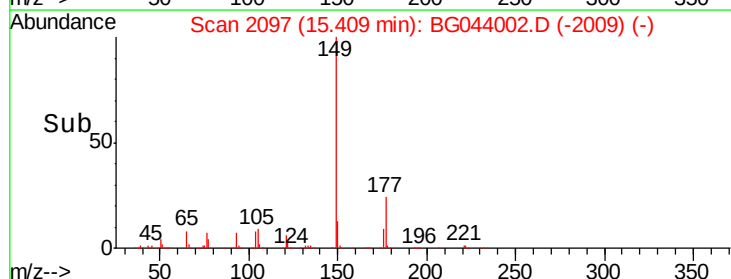
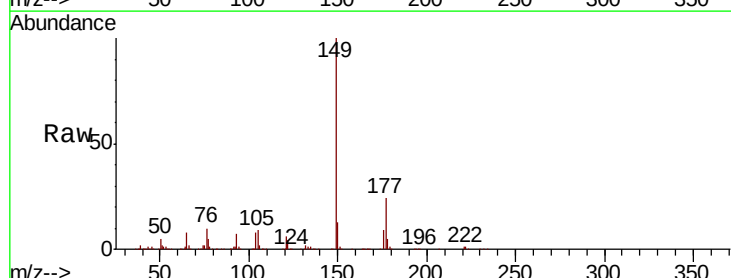
Manual Integrations
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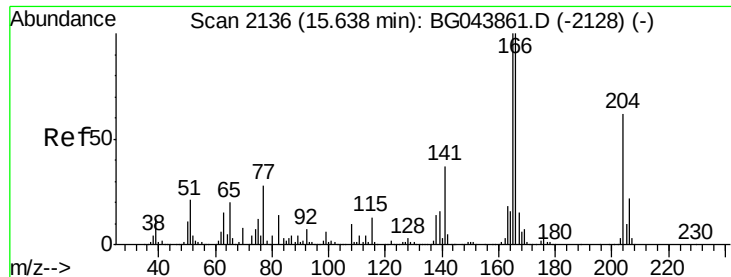
mohammad
 1/13/2020 2:20:57 PM



#60
 Diethylphthalate
 Concen: 38.806 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG044002.D
 Acq: 10 Jan 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	830770		
177	24.1	20.0	30.0	
150	13.0	11.1	16.7	





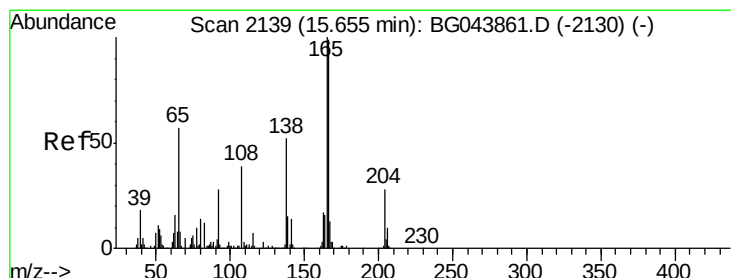
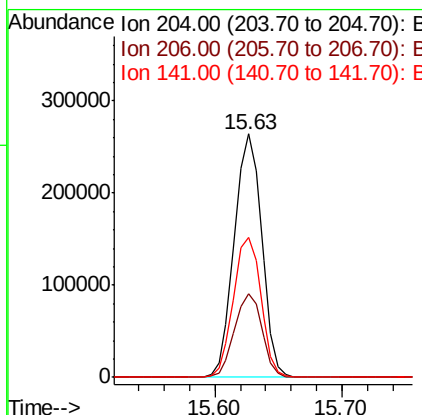
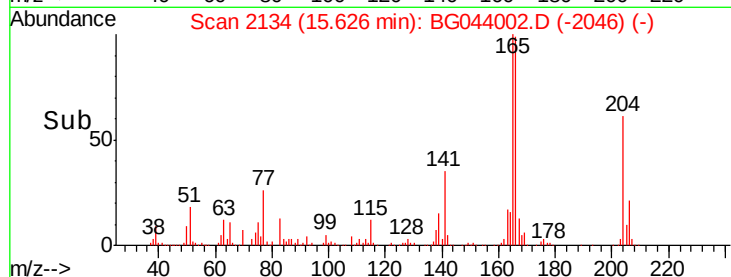
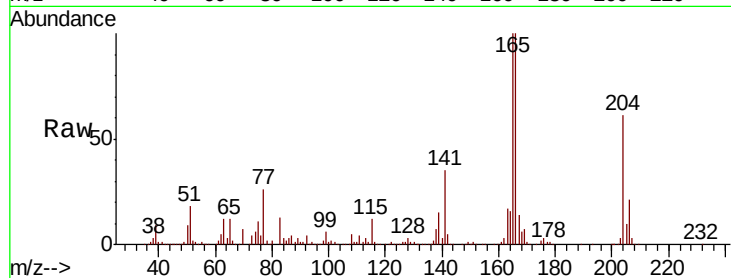
#61
4-Chlorophenyl-phenylether
Concen: 37.975 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Instrument :
BNA_G
ClientSampleId :
SOIL-AMS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	396081		
206	34.5	28.2	42.2	
141	57.3	48.2	72.2	

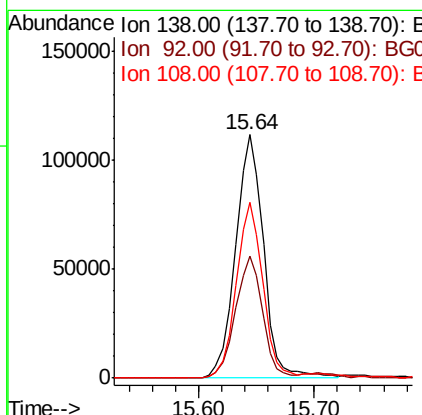
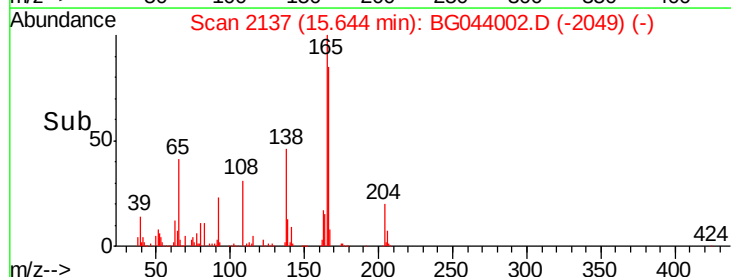
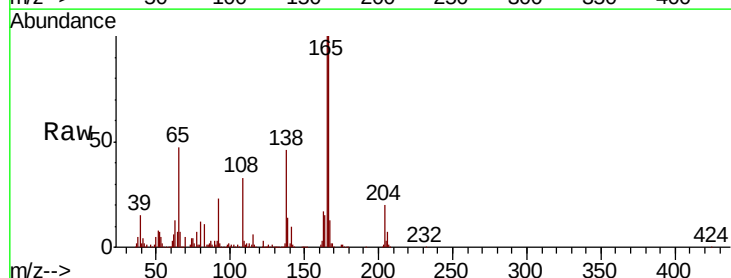
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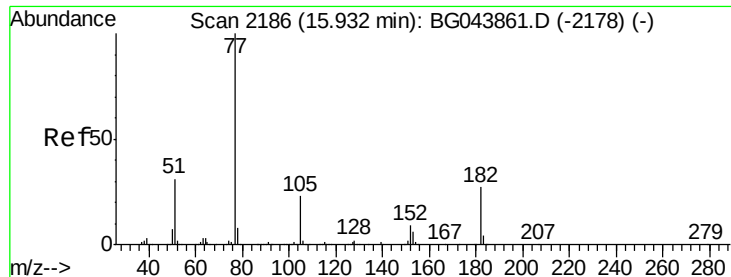
mohammad
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#62
4-Nitroaniline
Concen: 34.438 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	186836		
92	50.1	34.3	74.3	
108	72.3	55.0	95.0	





#63

Azobenzene

Concen: 38.406 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

Instrument :

BNA_G

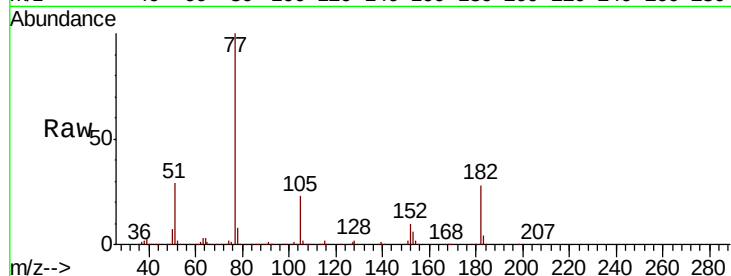
ClientSampleId :

SOIL-AMS

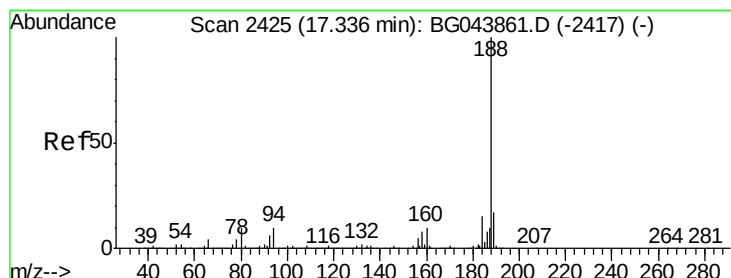
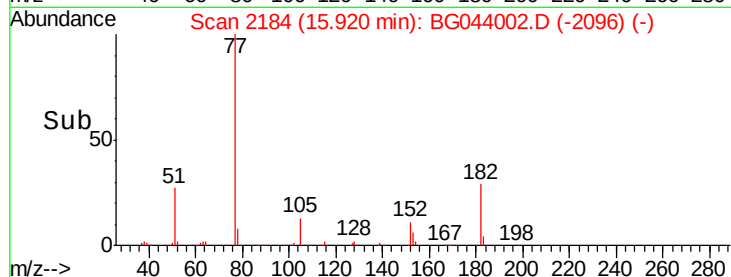
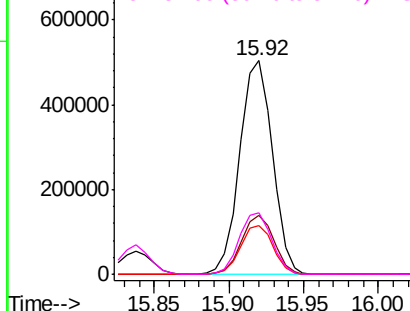
Tot Ion	Ratio	Resp	Lower	Upper
77	100	762510		
182	27.7	7.3	47.3	
105	22.6	3.2	43.2	
51	28.9	10.6	50.6	

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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

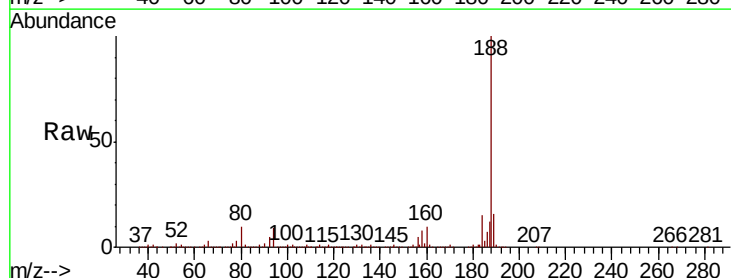
RT: 17.33 min Scan# 2424

Delta R.T. -0.01 min

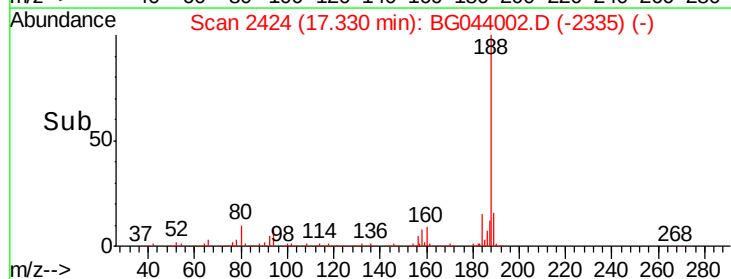
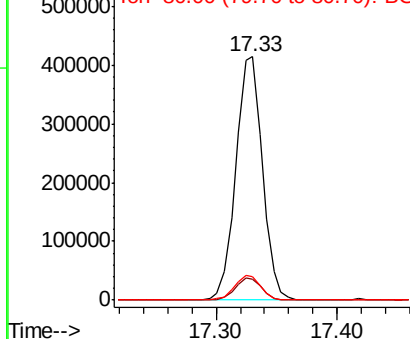
Lab File: BG044002.D

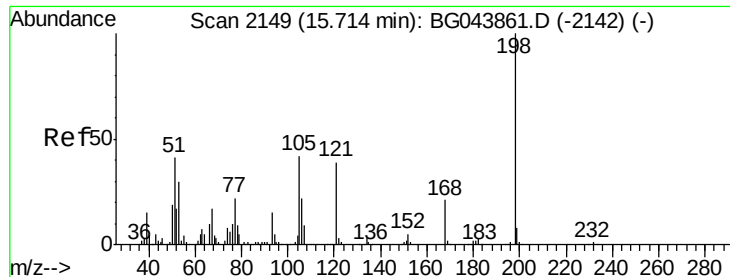
Acq: 10 Jan 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	636583		
94	8.6	7.9	11.9	
80	9.6	8.2	12.4	



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





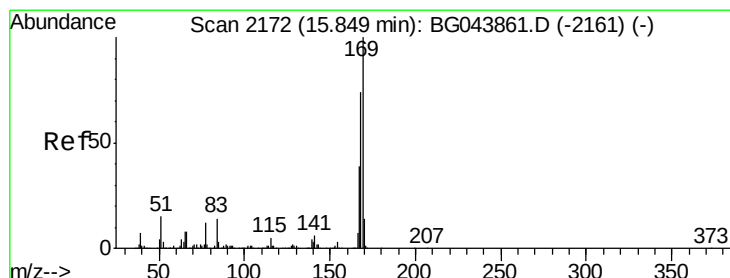
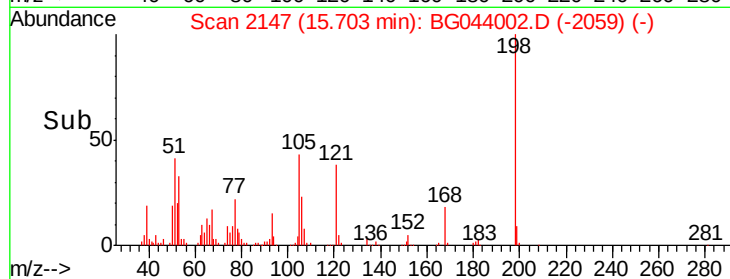
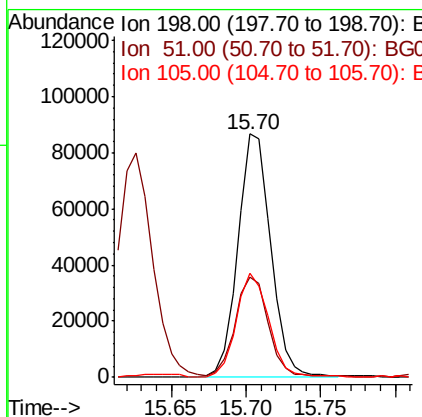
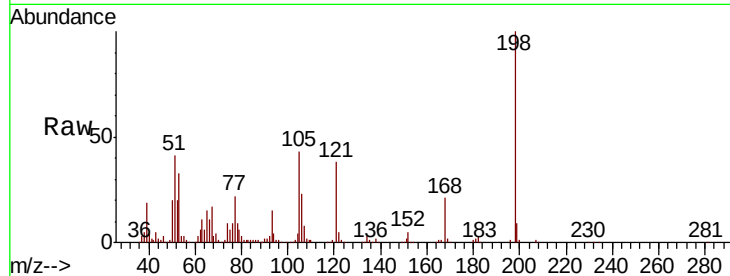
#65
4,6-Dinitro-2-methylphenol
Concen: 41.147 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Instrument :
BNA_G
ClientSampled :
SOIL-AMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	132693		
51	41.4		22.5	62.5
105	42.9		22.3	62.3

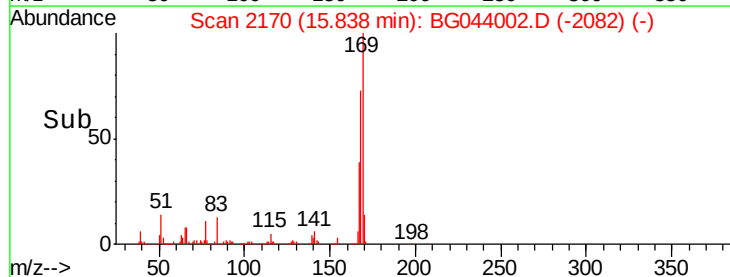
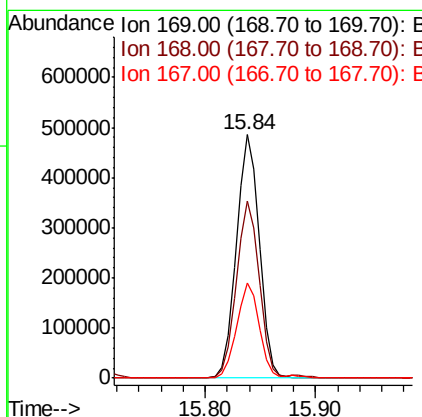
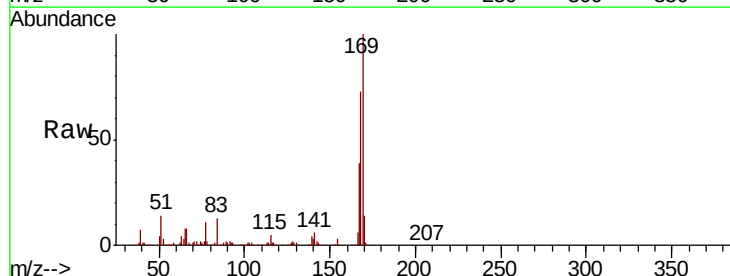
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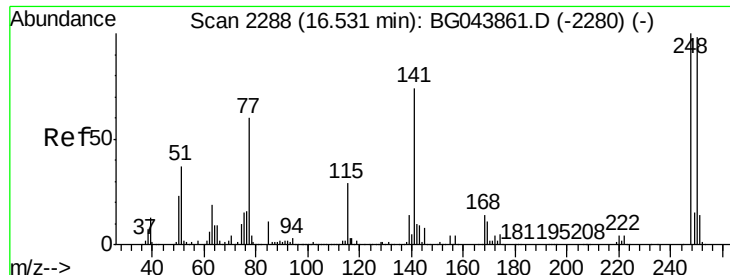
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#66
n-Nitrosodiphenylamine
Concen: 37.994 ng
RT: 15.84 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	712262		
168	72.7		59.0	88.6
167	39.0		31.4	47.0





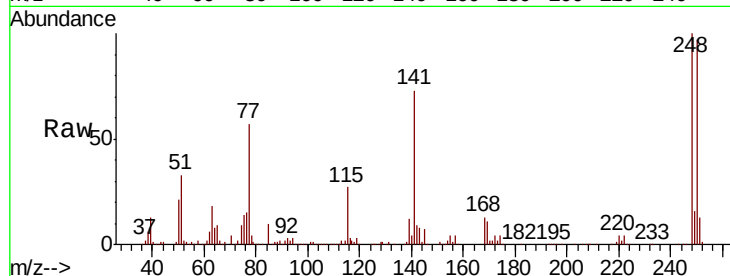
#67
4-Bromophenyl-phenylether
Concen: 35.652 ng
RT: 16.52 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Instrument :
BNA_G
ClientSampled :
SOIL-AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.2	117.2
141	72.7	59.3	88.9

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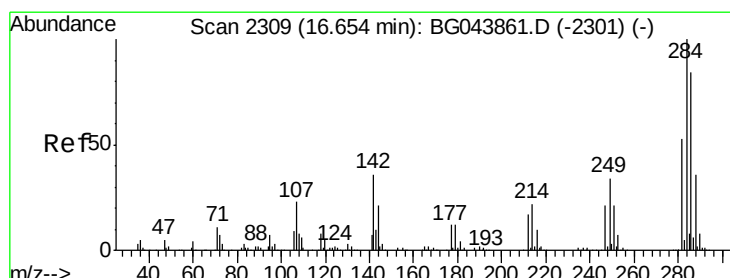
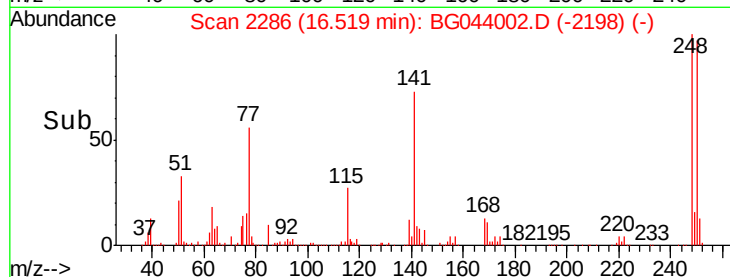
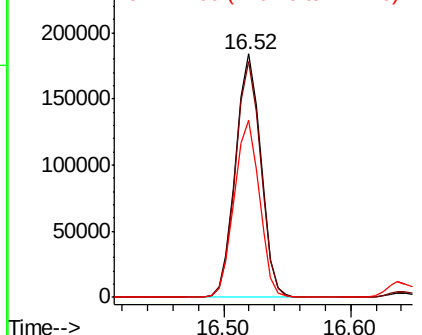


Abundance

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: 35.535 ng
RT: 16.64 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

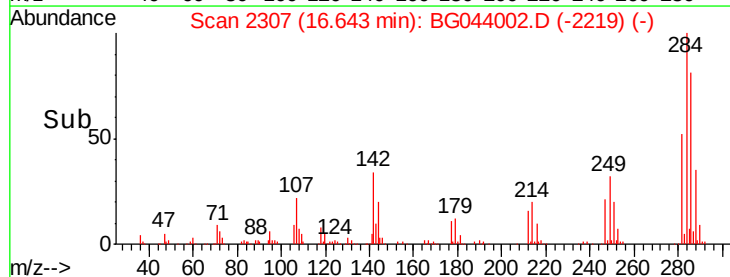
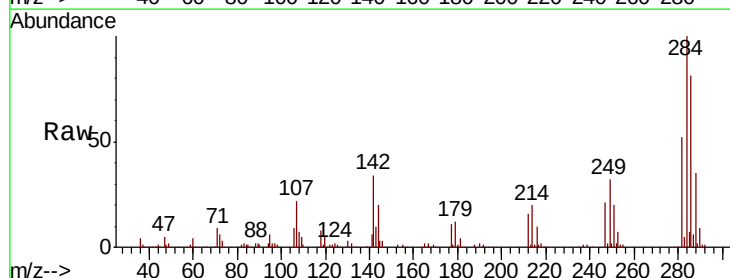
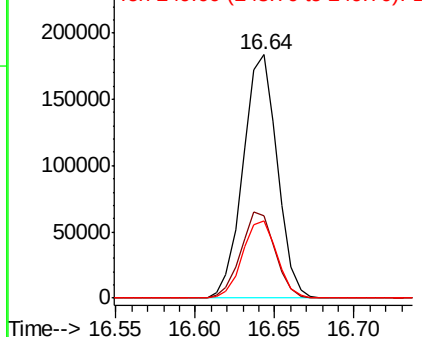
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.7	28.6	43.0
249	31.9	27.0	40.6

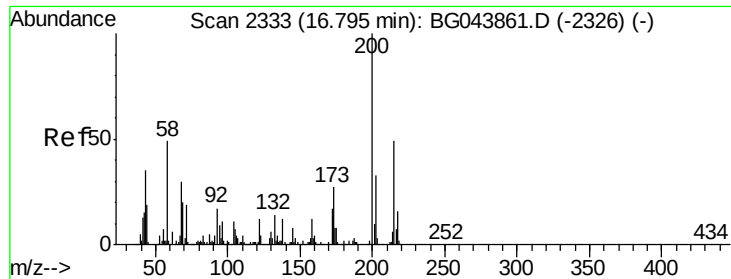
Abundance

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





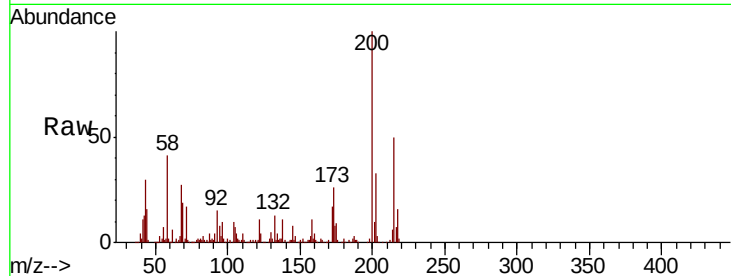
#69
Atrazine
Concen: 43.430 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Instrument :
BNA_G
ClientSampleId :
SOIL-AMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	264647		
173	26.2	6.6	46.6	
215	49.7	28.6	68.6	

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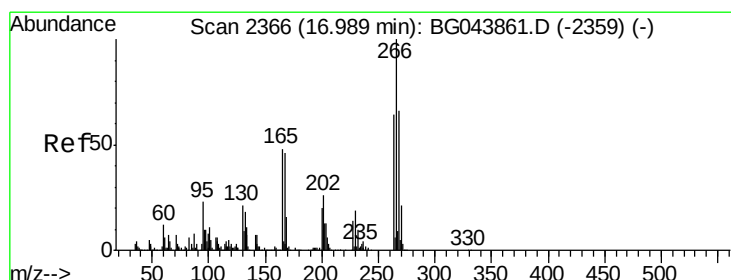
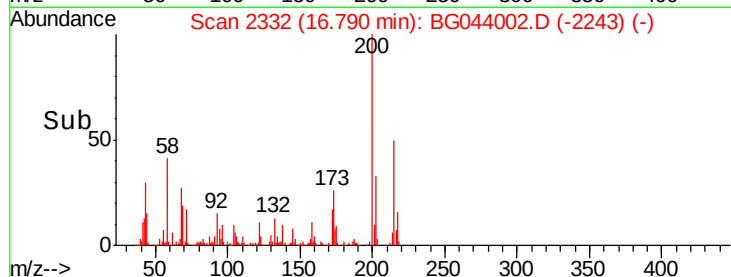
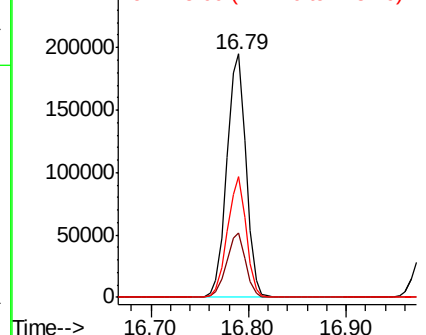


Abundance

Ion 200.00 (199.70 to 200.70): E

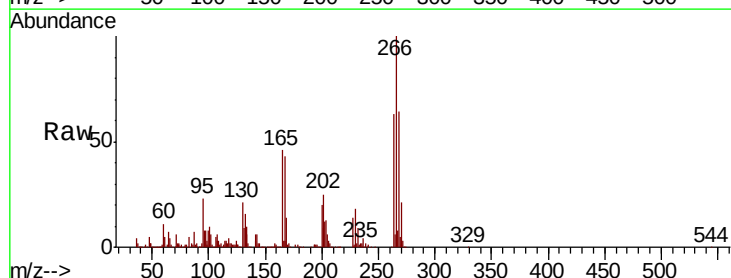
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 75.355 ng
RT: 16.98 min Scan# 2365
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	320466		
268	64.0	52.6	79.0	
264	63.3	50.8	76.2	

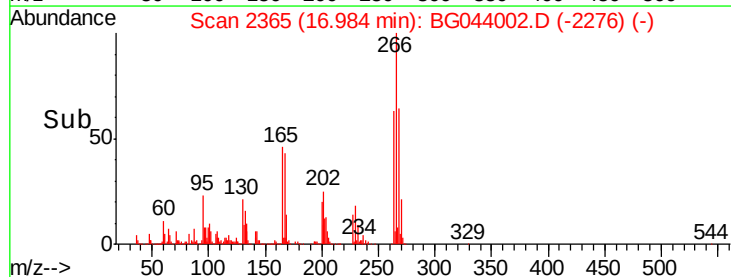
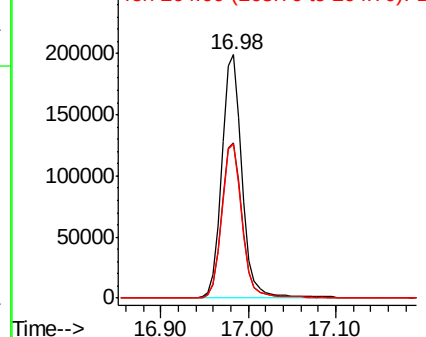


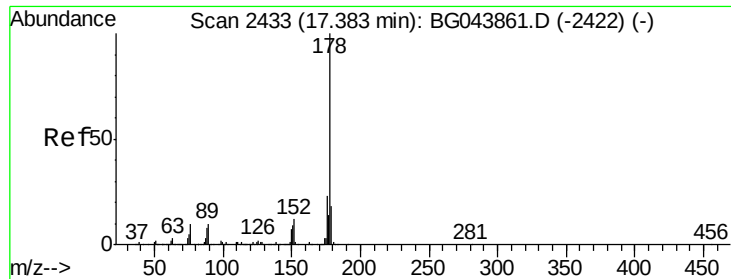
Abundance

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





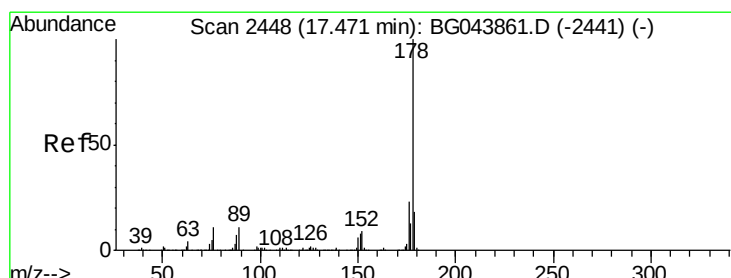
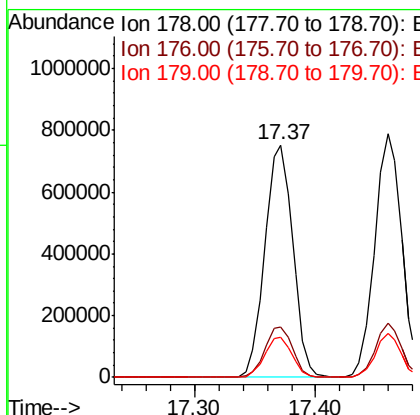
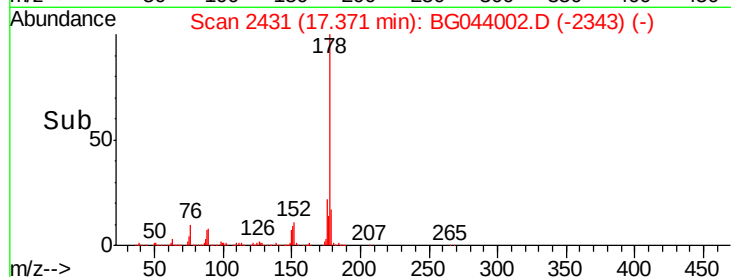
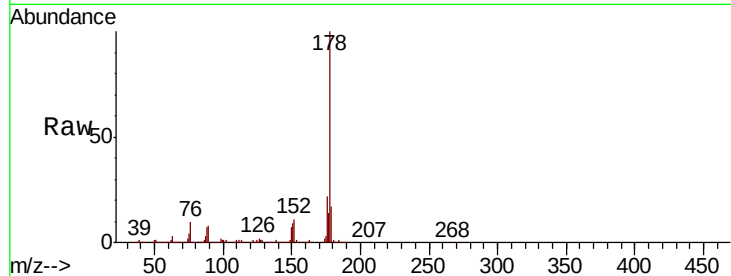
#71
Phenanthrene
Concen: 39.355 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Instrument :
BNA_G
ClientSampleId :
SOIL-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.8	18.6	28.0
179	17.3	14.4	21.6

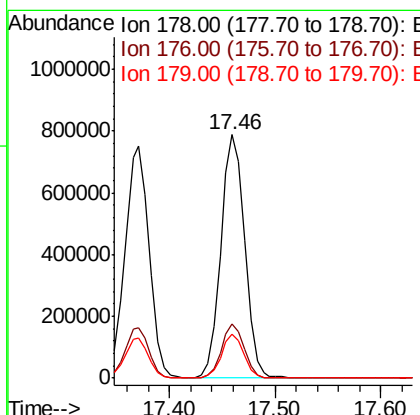
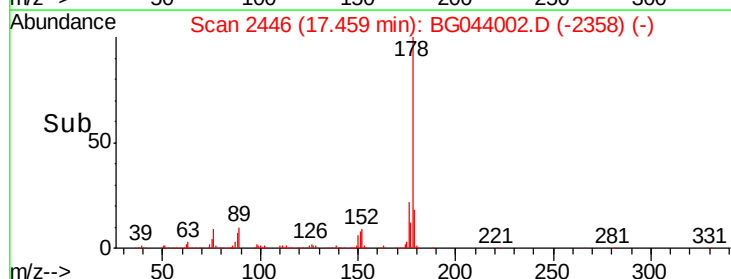
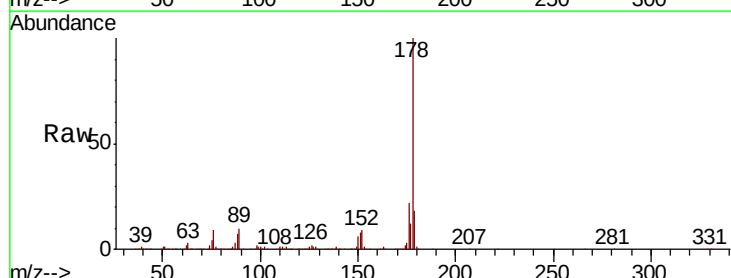
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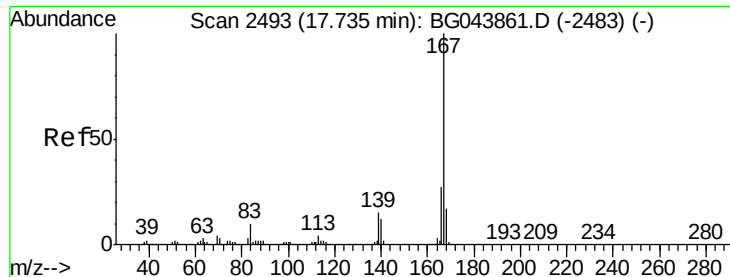
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#72
Anthracene
Concen: 40.803 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.2	18.3	27.5
179	18.0	14.6	22.0





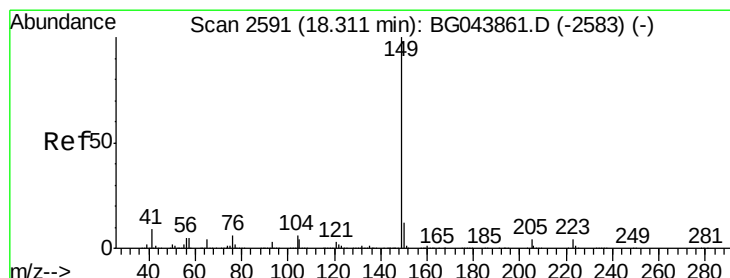
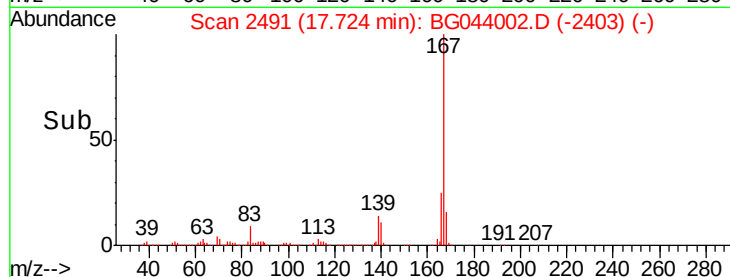
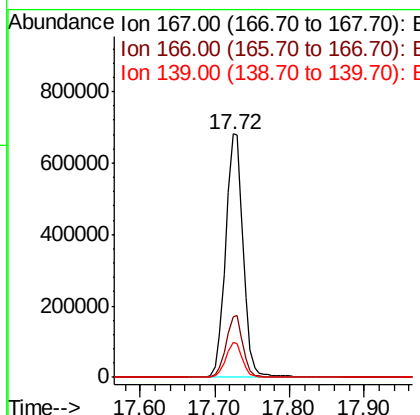
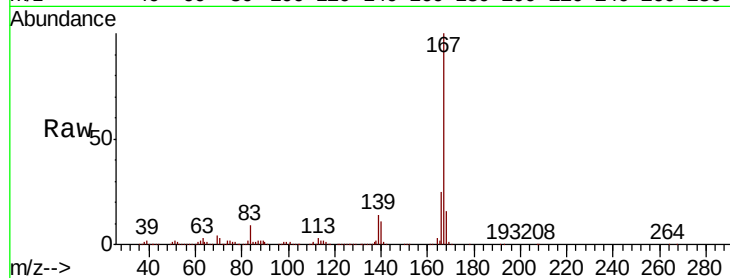
#73
 Carbazole
 Concen: 40.363 ng
 RT: 17.72 min Scan# 2491
 Delta R.T. -0.01 min
 Lab File: BG044002.D
 Acq: 10 Jan 2020 14:56

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-AMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.0	21.6	32.4
139	14.3	12.1	18.1

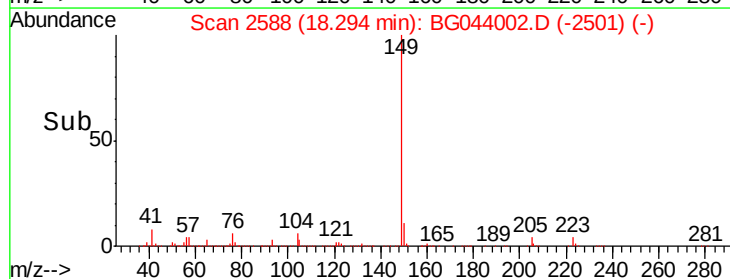
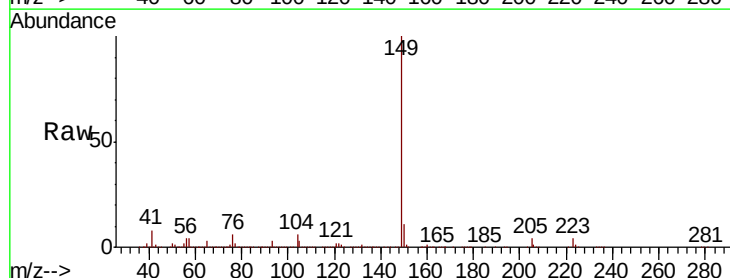
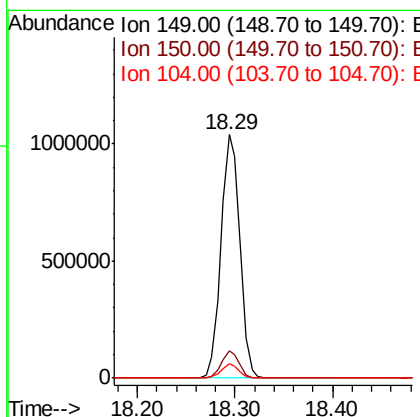
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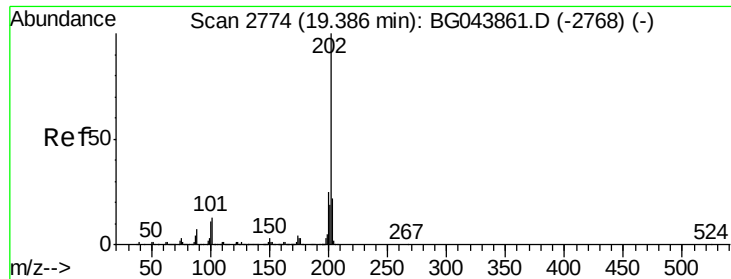
mohammad
 1/13/2020 2:20:57 PM



#74
 Di-n-butylphthalate
 Concen: 38.914 ng
 RT: 18.29 min Scan# 2588
 Delta R.T. -0.02 min
 Lab File: BG044002.D
 Acq: 10 Jan 2020 14:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.1	9.7	14.5
104	5.9	5.0	7.4





#75

Fluoranthene

Concen: 39.643 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

Instrument :

BNA_G

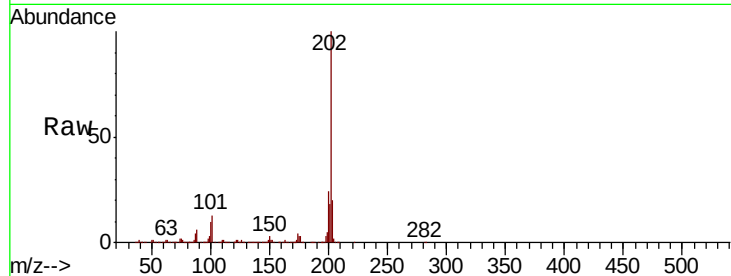
ClientSampleId :

SOIL-AMS

Tot Ion:	202	Resp:	1384333
Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.3
203	20.4	1.6	41.6

Manual Integrations
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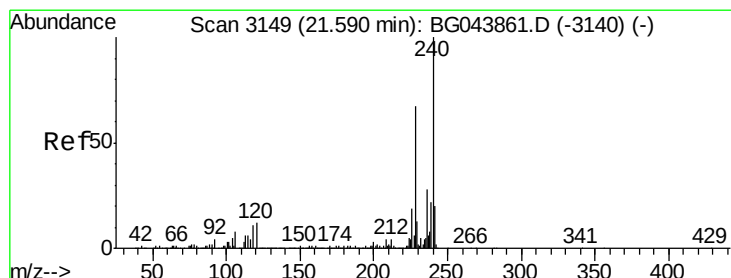
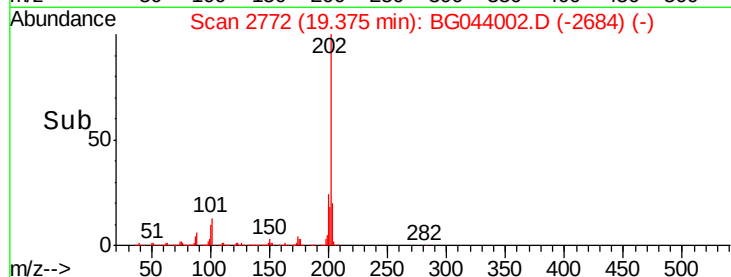
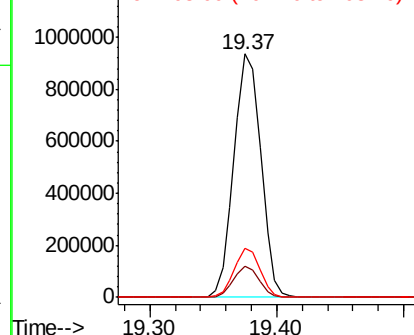


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

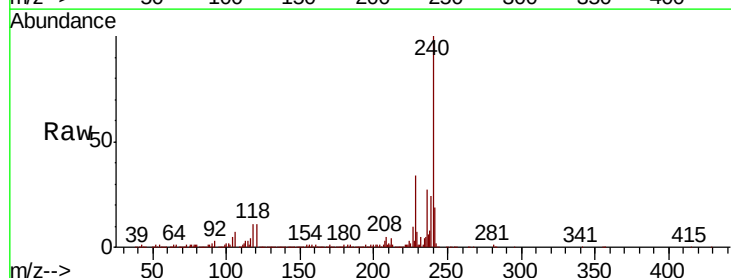
RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

Tgt Ion:	240	Resp:	545617
Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.6	14.4
236	27.2	22.2	33.2

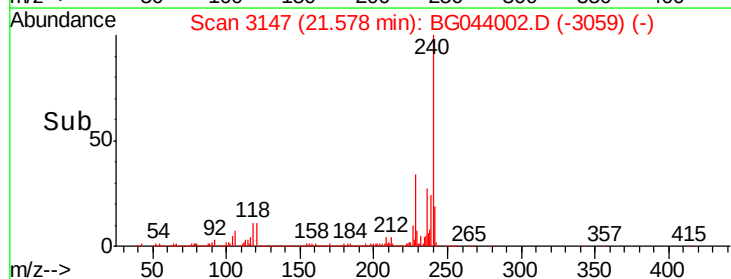
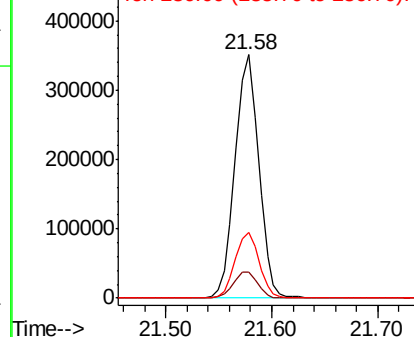


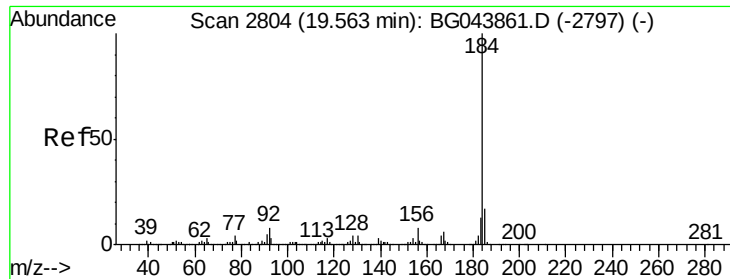
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.280 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.01 min

Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

Instrument :

BNA_G

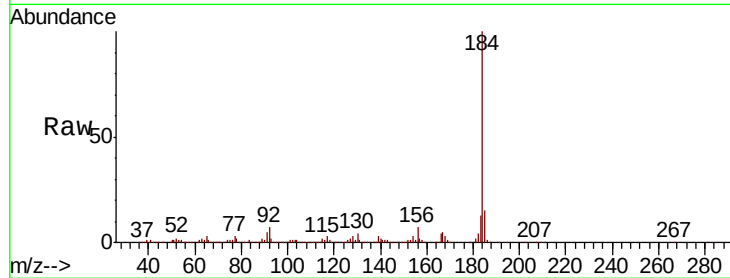
ClientSampleId :

SOIL-AMS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.4	13.4	20.0
183	13.4	10.6	15.8

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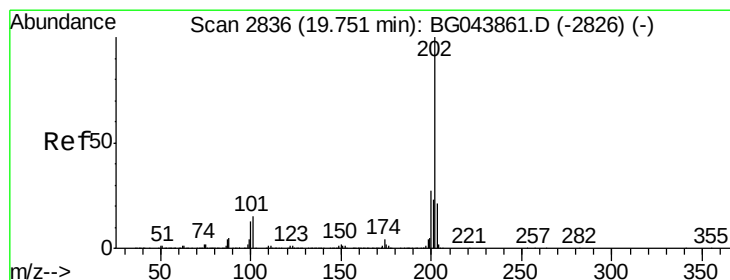
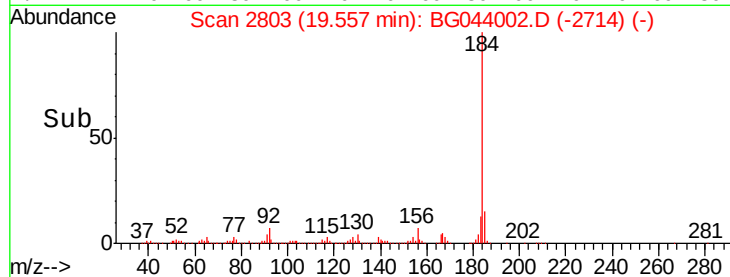
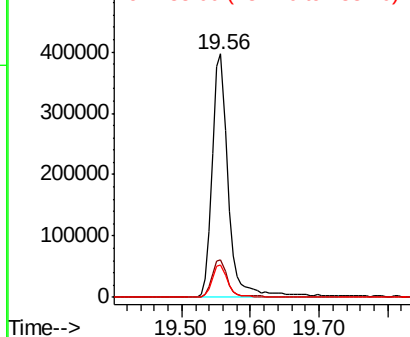


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.231 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

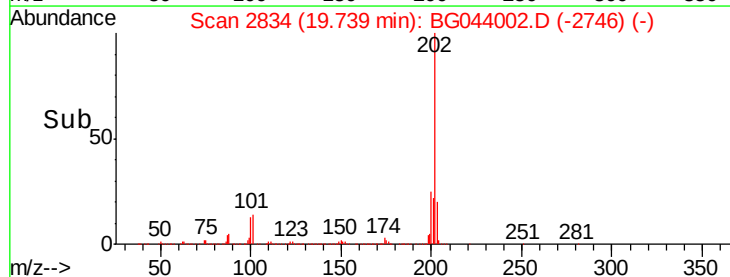
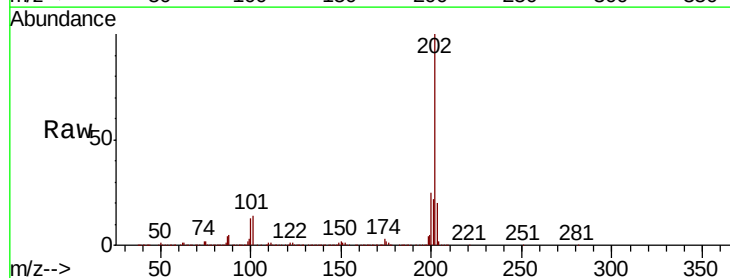
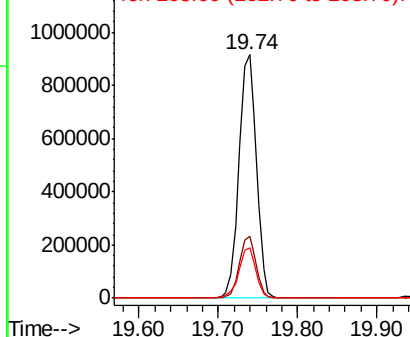
Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.3	21.7	32.5
203	20.5	17.0	25.6

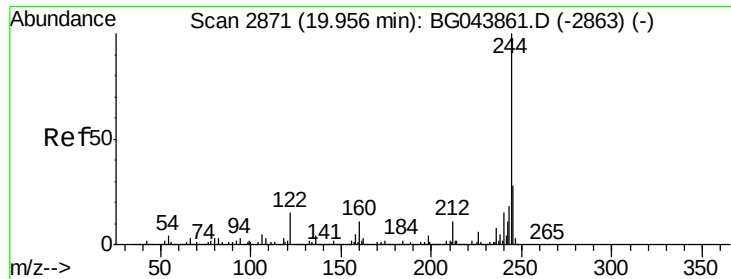
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





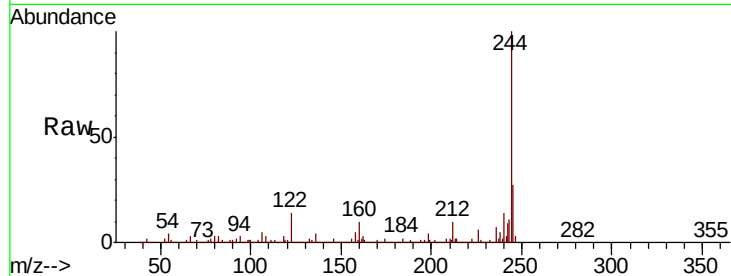
#79
 Terphenyl-d14
 Concen: 94.267 ng
 RT: 19.94 min Scan# 2868
 Delta R.T. -0.02 min
 Lab File: BG044002.D
 Acq: 10 Jan 2020 14:56

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-AMS

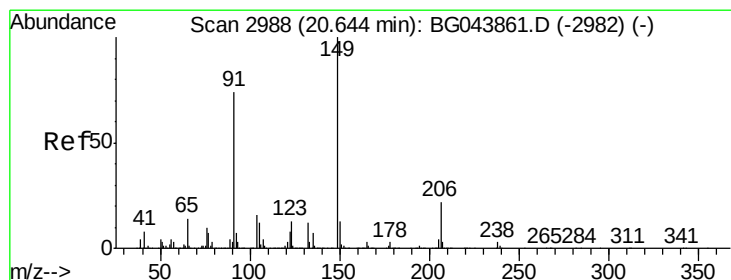
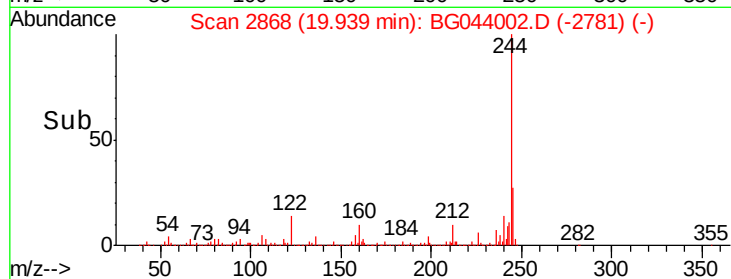
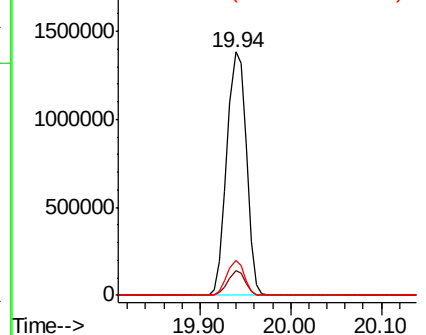
Tot Ion:244 Resp: 2073983
 Ion Ratio Lower Upper
 244 100
 212 10.4 8.6 13.0
 122 14.2 11.9 17.9

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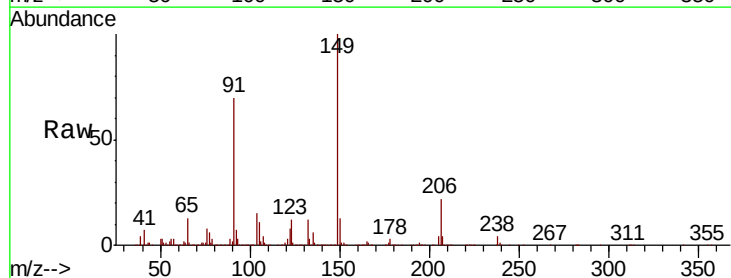


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

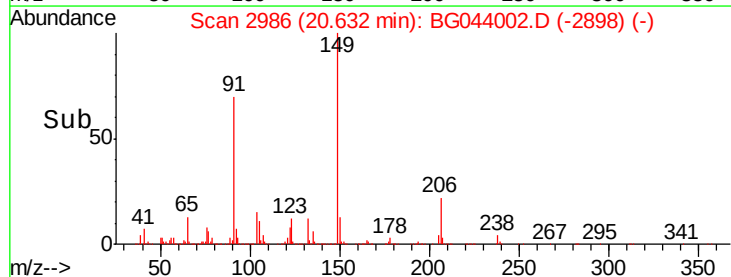
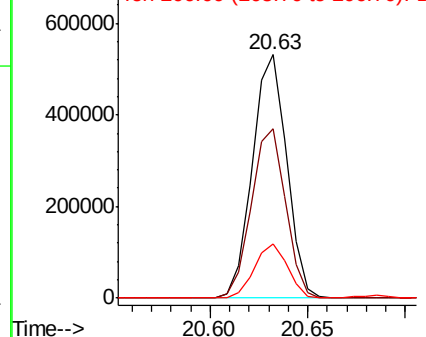


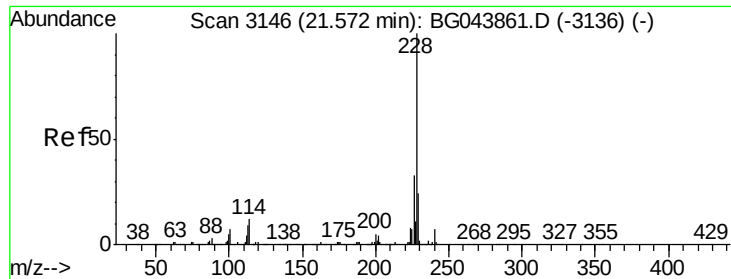
#80
 Butylbenzylphthalate
 Concen: 38.122 ng
 RT: 20.63 min Scan# 2986
 Delta R.T. -0.01 min
 Lab File: BG044002.D
 Acq: 10 Jan 2020 14:56

Tgt Ion:149 Resp: 646386
 Ion Ratio Lower Upper
 149 100
 91 69.8 59.5 89.3
 206 22.3 17.8 26.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.459 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

Instrument :

BNA_G

ClientSampleId :

SOIL-AMS

Tot Ion:228 Resp: 1334978

Ion Ratio Lower Upper

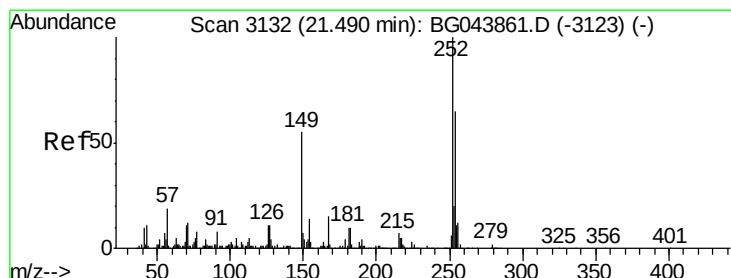
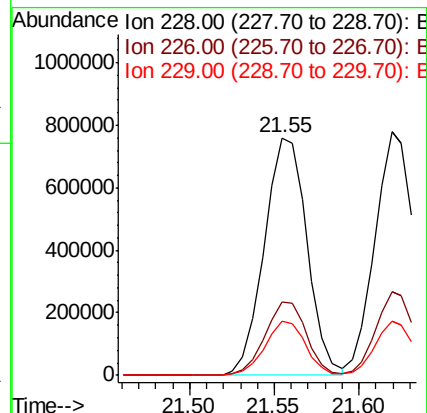
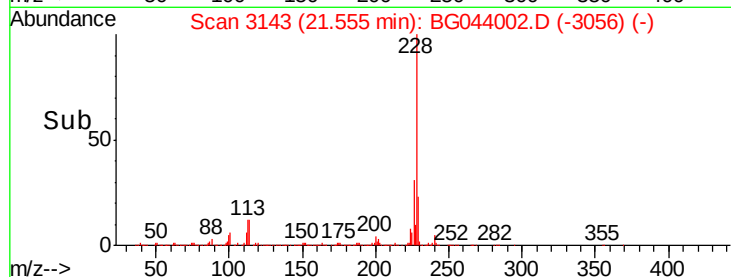
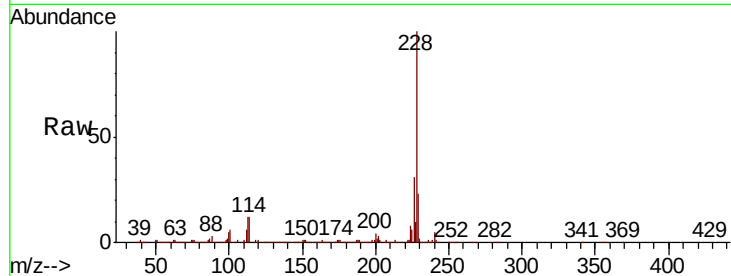
228 100

226 31.1 26.2 39.4

229 22.7 18.9 28.3

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#82

3,3'-Dichlorobenzidine

Concen: 20.312 ng

RT: 21.47 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

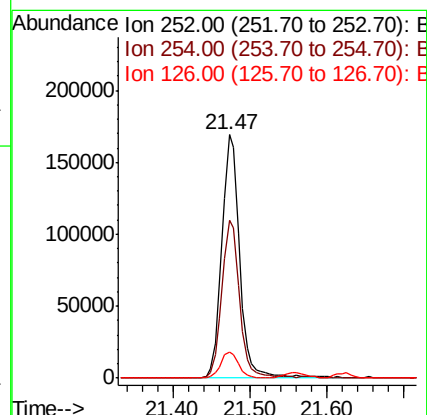
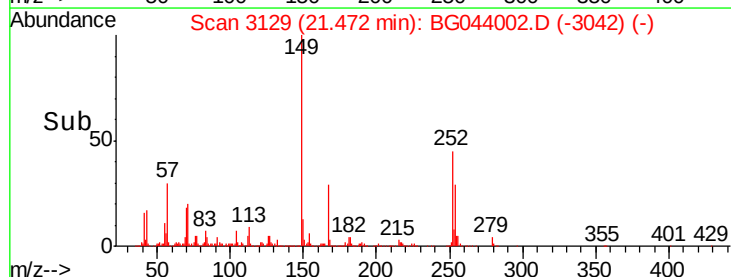
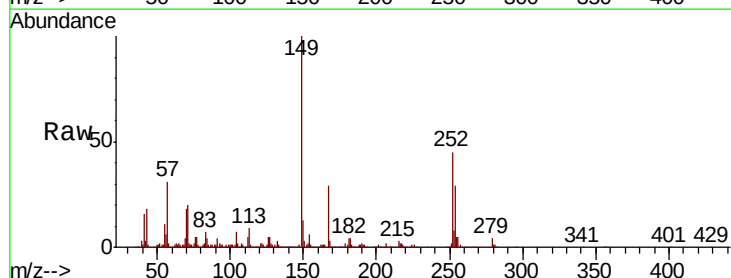
Tgt Ion:252 Resp: 271492

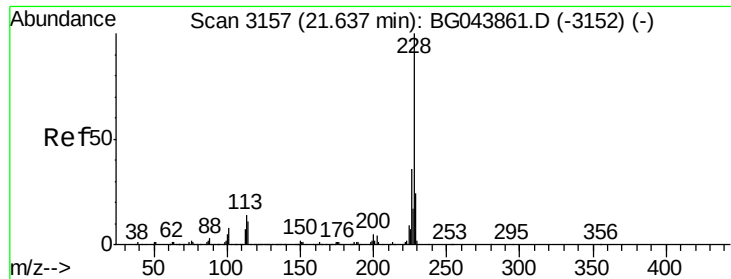
Ion Ratio Lower Upper

252 100

254 64.8 52.1 78.1

126 10.8 9.1 13.7





#83

Chrysene

Concen: 39.714 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

Instrument :

BNA_G

ClientSampleId :

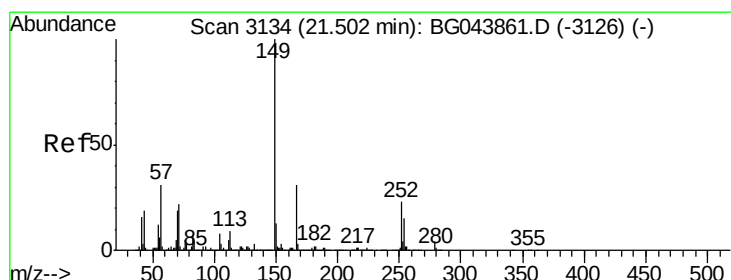
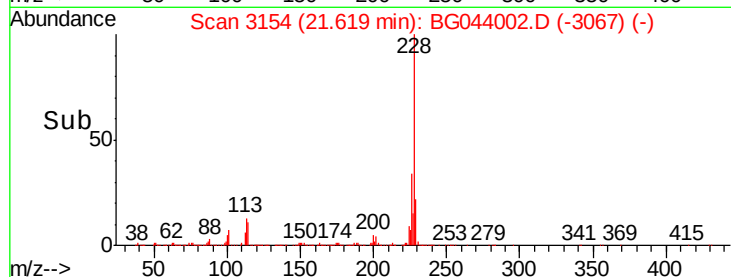
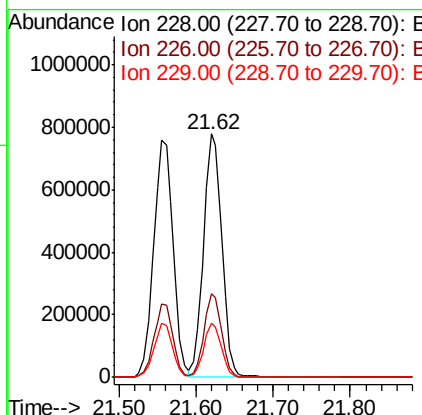
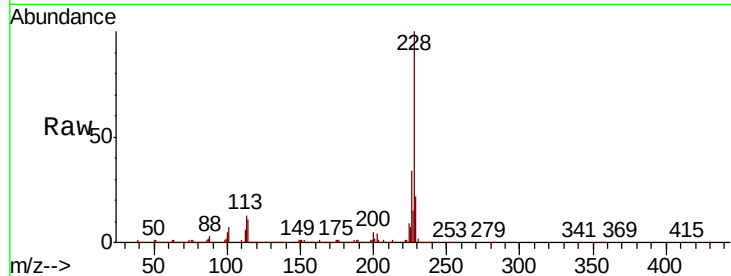
SOIL-AMS

Tot Ion:228 Resp: 1276705

Ion	Ratio	Lower	Upper
228	100		
226	34.2	28.8	43.2
229	22.3	19.0	28.6

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 39.113 ng

RT: 21.48 min Scan# 3131

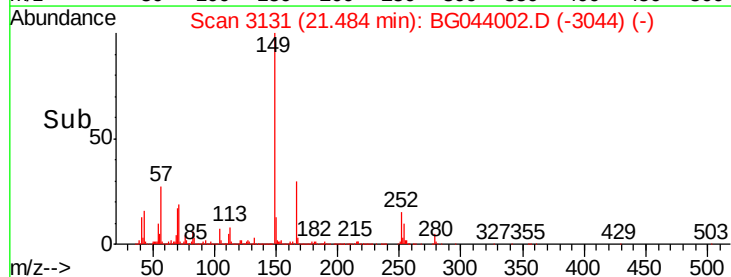
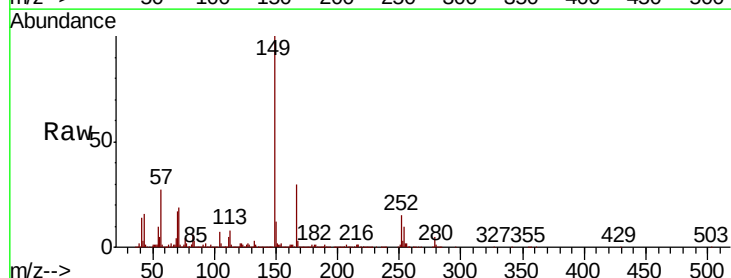
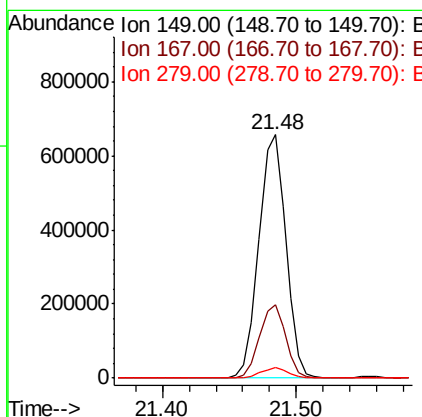
Delta R.T. -0.02 min

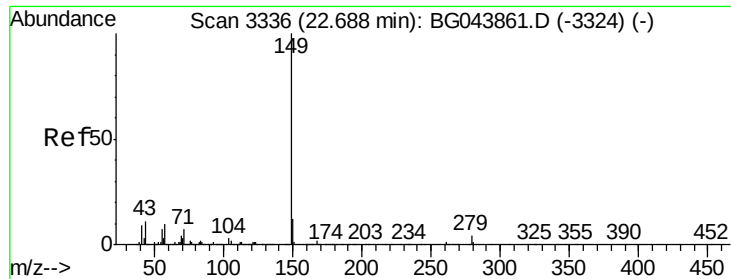
Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

Tgt Ion:149 Resp: 915085

Ion	Ratio	Lower	Upper
149	100		
167	30.2	24.7	37.1
279	4.6	3.3	4.9





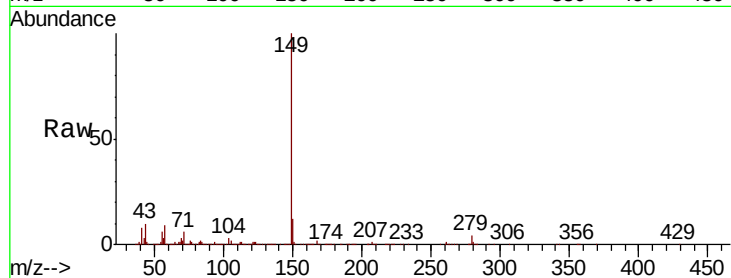
#85
Di-n-octyl phthalate
Concen: 40.236 ng
RT: 22.67 min Scan# 3332
Delta R.T. -0.02 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Instrument :
BNA_G
ClientSampleId :
SOIL-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.8	8.8	13.2

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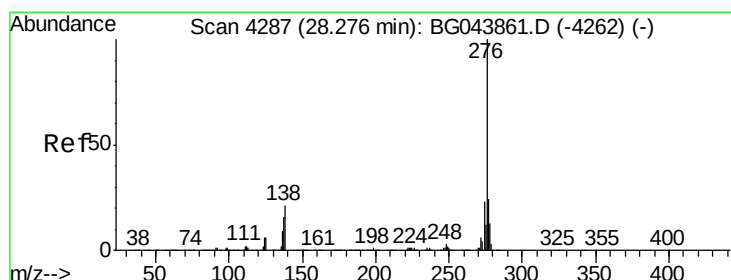
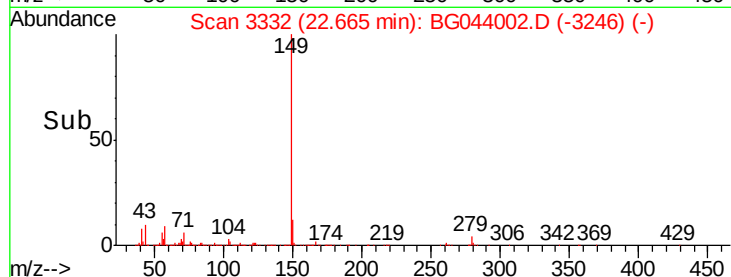
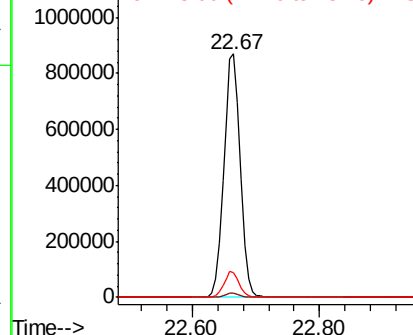


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.172 ng
RT: 28.23 min Scan# 4279
Delta R.T. -0.05 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

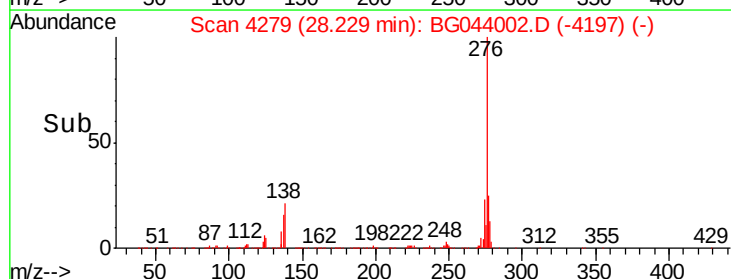
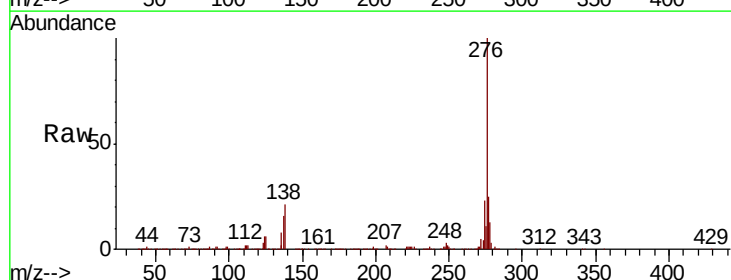
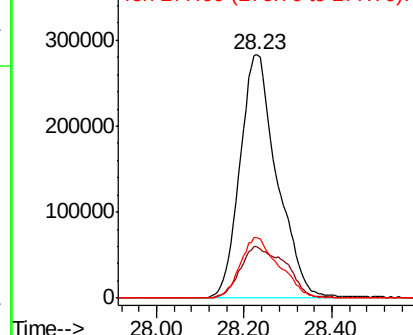
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	21.0	31.4
277	26.1	21.1	31.7

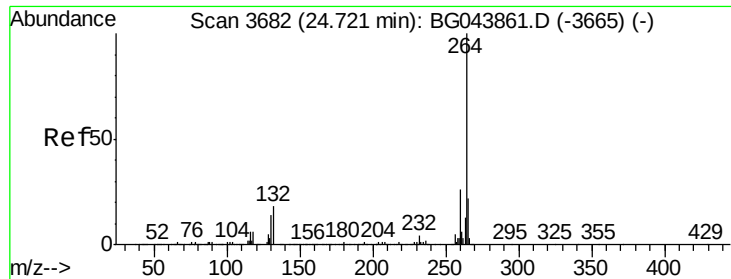
Abundance

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





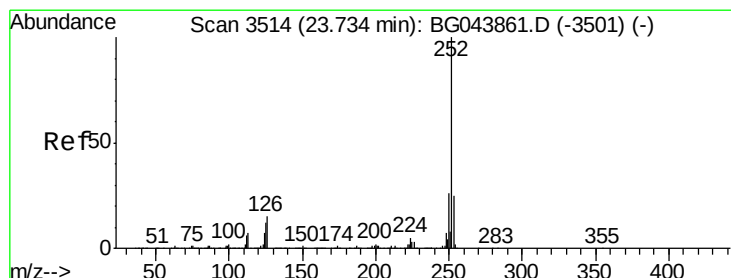
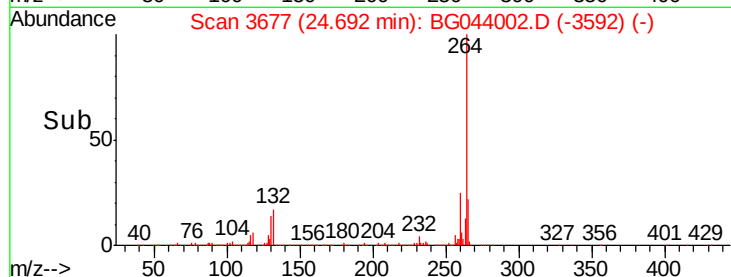
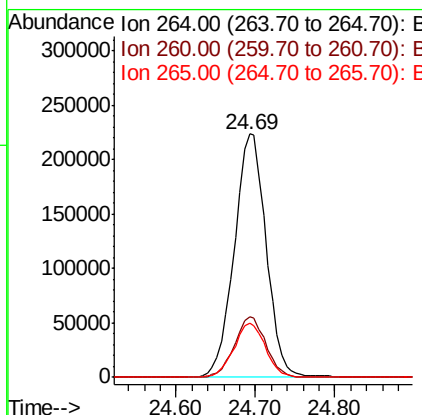
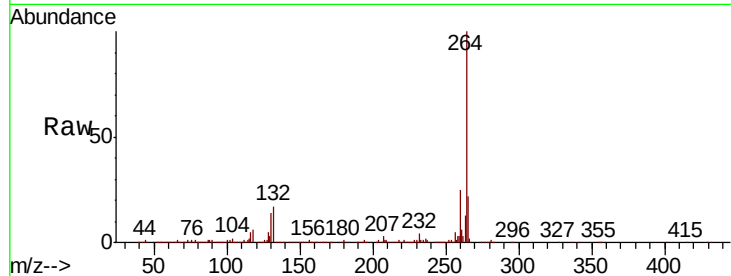
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.69 min Scan# 3677
Delta R.T. -0.03 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Instrument :
BNA_G
ClientSampleId :
SOIL-AMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.4	30.6
265	22.4	17.4	26.2

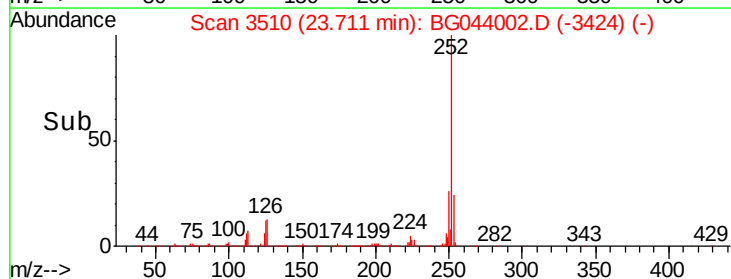
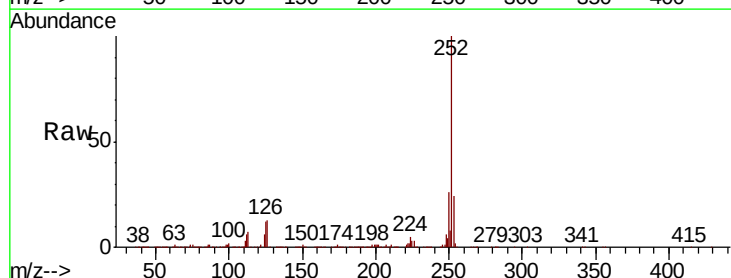
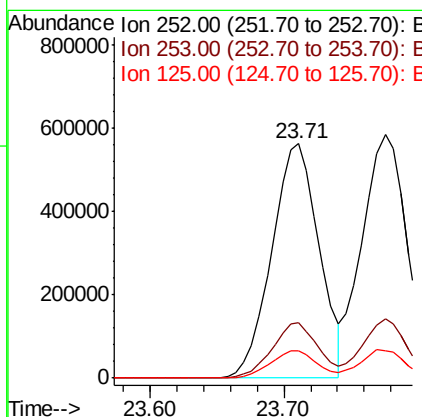
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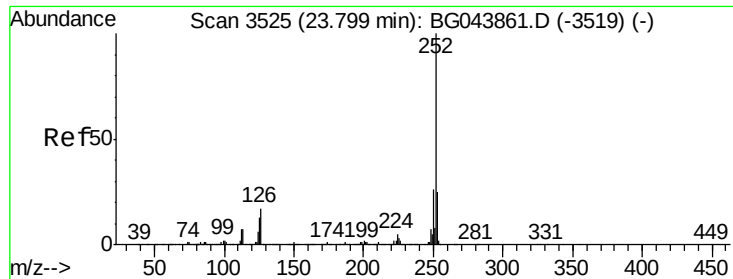
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#88
Benzo(b)fluoranthene
Concen: 37.560 ng
RT: 23.71 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.7	29.5
125	11.5	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 39.168 ng

RT: 23.78 min Scan# 3521

Delta R.T. -0.02 min

Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

Instrument :

BNA_G

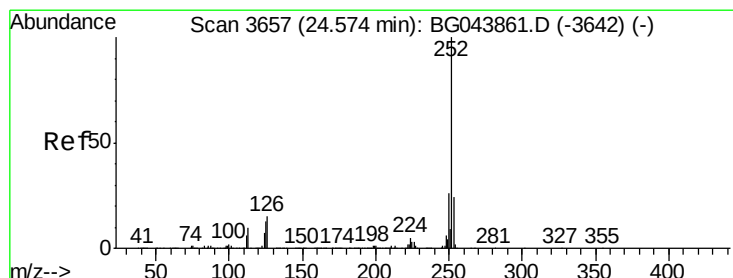
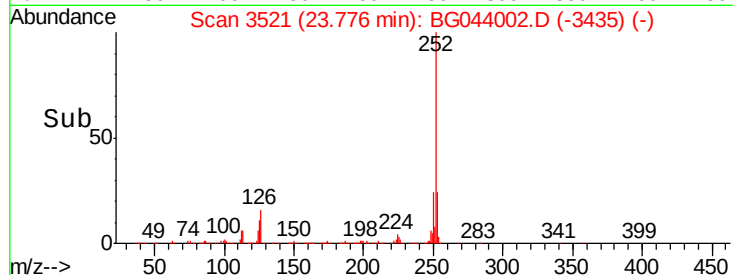
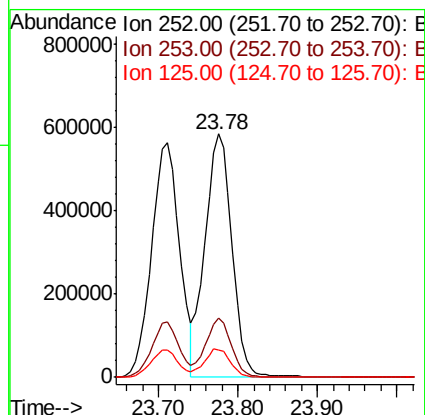
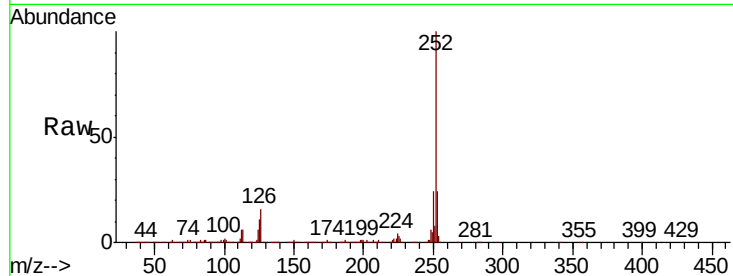
ClientSampleId :

SOIL-AMS

Tot Ion:	252	Resp:	1374270
Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.4	29.2
125	11.1	9.9	14.9

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#90

Benzo(a)pyrene

Concen: 37.317 ng

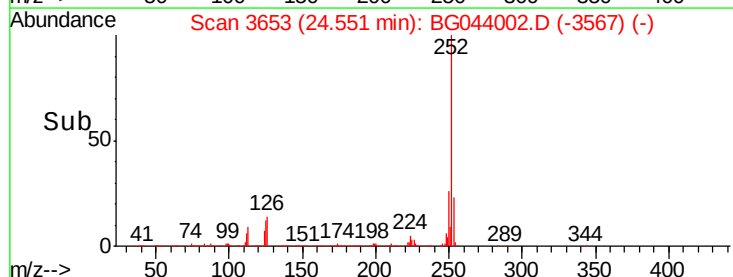
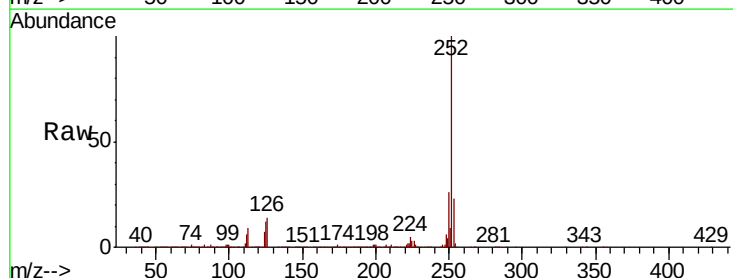
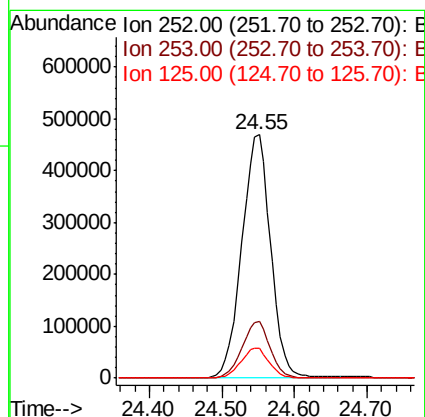
RT: 24.55 min Scan# 3653

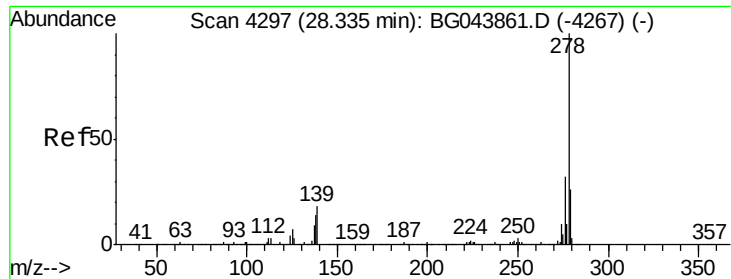
Delta R.T. -0.02 min

Lab File: BG044002.D

Acq: 10 Jan 2020 14:56

Tgt Ion:	252	Resp:	1299523
Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.3	28.9
125	12.1	10.4	15.6





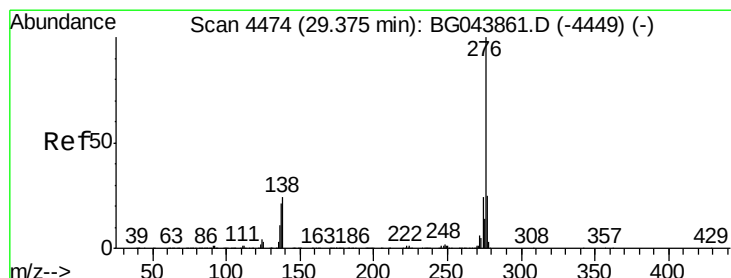
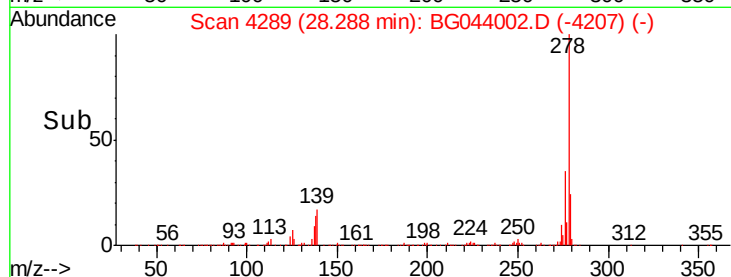
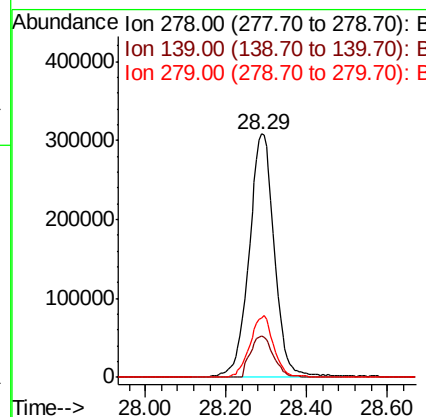
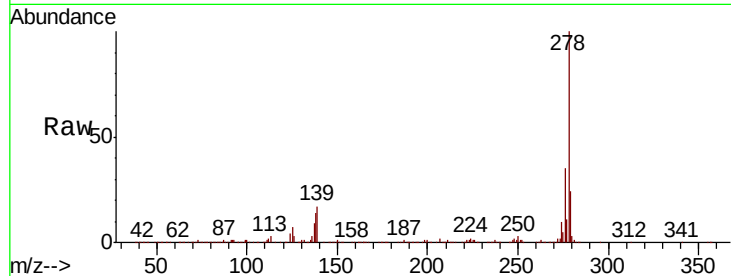
#91
Dibenzo(a,h)anthracene
Concen: 38.517 ng
RT: 28.29 min Scan# 4289
Delta R.T. -0.05 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Instrument :
BNA_G
ClientSampleId :
SOIL-AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	14.2	21.4
279	24.4	20.6	30.8

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#92
Benzo(g,h,i)perylene
Concen: 39.207 ng
RT: 29.33 min Scan# 4466
Delta R.T. -0.05 min
Lab File: BG044002.D
Acq: 10 Jan 2020 14:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.2	30.4
138	22.4	19.0	28.6

