

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
 Data File : BG037453.D
 Acq On : 19 Oct 2018 14:39
 Operator : JU/SJ
 Sample : J5164-03
 Misc : MDL 1PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-SOIL-03-QT4-2018

Manual Integrations
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 10/22/2018 3:39:11 PM

Quant Time: Oct 20 00:53:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	52048	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	241245	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	164360	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	398304	20.00	ng	0.00
76) Chrysene-d12	21.77	240	370378	20.00	ng	0.00
87) Perylene-d12	25.11	264	353842	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	419219	134.66	ng	0.00
7) Phenol-d6	7.25	99	616887	131.04	ng	0.00
23) Nitrobenzene-d5	9.28	82	357758	83.07	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	243856	136.03	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	885819	81.27	ng	0.00
79) Terphenyl-d14	20.09	244	1355341	78.19	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	1418	0.898	ng	# 40
3) Pyridine	3.96	79	3299	0.829	ng	# 54
4) n-Nitrosodimethylamine	3.88	42	1039	0.733	ng	# 51
6) Aniline	7.43	93	3465	0.603	ng	93
8) 2-Chlorophenol	7.66	128	4124	1.132	ng	84
9) Benzaldehyde	7.25	77	3555	1.207	ng	# 84
10) Phenol	7.28	94	5214	1.050	ng	92
11) bis(2-Chloroethyl)ether	7.52	93	3577	0.948	ng	89
12) 1,3-Dichlorobenzene	7.99	146	4335m	1.069	ng	
13) 1,4-Dichlorobenzene	8.14	146	4453	1.074	ng	93
14) 1,2-Dichlorobenzene	8.46	146	3866	0.969	ng	94
15) Benzyl Alcohol	8.35	79	3026	0.870	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.63	45	7037	1.043	ng	96
17) 2-Methylphenol	8.53	107	3189	0.971	ng	# 84
18) Hexachloroethane	9.19	117	1455	1.029	ng	# 31
19) n-Nitroso-di-n-propylamine	8.90	70	3095	0.955	ng	# 91
20) 3+4-Methylphenols	8.86	107	4574	0.974	ng	84
22) Acetophenone	8.93	105	6766	1.118	ng	# 88
24) Nitrobenzene	9.32	77	4637	1.036	ng	96
25) Isophorone	9.84	82	8358	1.062	ng	97
26) 2-Nitrophenol	10.04	139	1614	0.801	ng	# 70
27) 2,4-Dimethylphenol	10.07	122	3354	0.932	ng	# 77
28) bis(2-Chloroethoxy)methane	10.33	93	5532	1.073	ng	95
29) 2,4-Dichlorophenol	10.57	162	3137	0.783	ng	# 74
30) 1,2,4-Trichlorobenzene	10.78	180	4384	1.006	ng	# 82
31) Naphthalene	10.98	128	13653	1.152	ng	# 92
33) 4-Chloroaniline	11.09	127	3129	0.562	ng	# 79
34) Hexachlorobutadiene	11.24	225	2526	0.978	ng	# 86
35) Caprolactam	11.85	113	952	0.592	ng	# 75
36) 4-Chloro-3-methylphenol	12.19	107	4041	0.894	ng	93
37) 2-Methylnaphthalene	12.58	142	9834	1.138	ng	90
38) 1-Methylnaphthalene	12.79	142	9496	1.132	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	5354	1.010	ng	# 97
41) Hexachlorocyclopentadiene	12.91	237	2087	0.824	ng	98

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Manual Integrations
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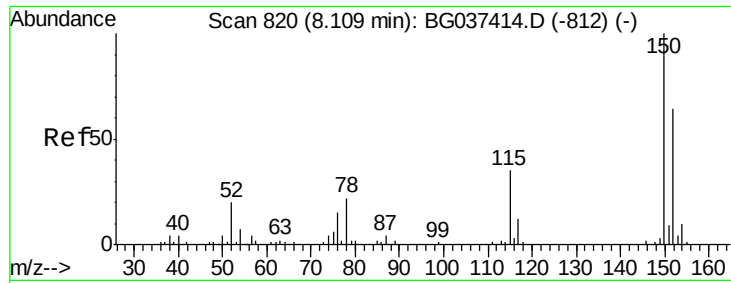
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Quant Time: Oct 20 00:53:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,6-Trichlorophenol	13.16	196	2768	0.782	ng	89
44) 2,4,5-Trichlorophenol	13.23	196	2869	0.744	ng	92
46) 1,1'-Biphenyl	13.58	154	14853	1.091	ng	96
47) 2-Chloronaphthalene	13.62	162	10310	1.001	ng	# 88
48) 2-Nitroaniline	13.83	65	2419	0.775	ng	# 72
49) Acenaphthylene	14.46	152	16303	1.052	ng	100
50) Dimethylphthalate	14.19	163	13053	1.027	ng	96
51) 2,6-Dinitrotoluene	14.32	165	1950	0.693	ng	# 75
52) Acenaphthene	14.80	154	9865	1.034	ng	94
53) 3-Nitroaniline	14.65	138	1938	0.621	ng	# 96
55) Dibenzofuran	15.14	168	17189	1.087	ng	96
56) 4-Nitrophenol	14.94	139	696	0.301	ng	# 48
57) 2,4-Dinitrotoluene	15.10	165	2633	0.713	ng	# 89
58) Fluorene	15.78	166	13919	1.176	ng	# 83
59) 2,3,4,6-Tetrachlorophenol	15.35	232	2268	0.687	ng	# 95
60) Diethylphthalate	15.54	149	12570	0.963	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	6763	0.980	ng	90
62) 4-Nitroaniline	15.81	138	1765	0.569	ng	# 78
63) Azobenzene	16.07	77	12302	0.988	ng	94
66) n-Nitrosodiphenylamine	15.98	169	11071	0.924	ng	92
67) 4-Bromophenyl-phenylether	16.67	248	4026	0.920	ng	95
68) Hexachlorobenzene	16.78	284	4420	0.975	ng	97
69) Atrazine	16.92	200	3729	0.861	ng	77
70) Pentachlorophenol	17.13	266	494	0.163	ng	# 46
71) Phenanthrene	17.53	178	23290	1.151	ng	96
72) Anthracene	17.62	178	22581m	1.137	ng	
73) Carbazole	17.89	167	17615	0.886	ng	97
74) Di-n-butylphthalate	18.43	149	19548	0.884	ng	97
75) Fluoranthene	19.53	202	24807	1.080	ng	95
77) Benzidine	19.72	184	2120	0.168	ng	# 84
78) Pyrene	19.90	202	25012	1.033	ng	98
80) Butylbenzylphthalate	20.77	149	7190	0.726	ng	99
81) Benzo(a)anthracene	21.75	228	23729m	1.083	ng	
82) 3,3'-Dichlorobenzidine	21.67	252	4147	0.488	ng	# 88
83) Chrysene	21.81	228	23688	1.124	ng	90
84) Bis(2-ethylhexyl)phthalate	21.63	149	10452	0.753	ng	# 96
85) Di-n-octyl phthalate	22.88	149	16143	0.713	ng	# 98
86) Indeno(1,2,3-cd)pyrene	28.92	276	12000m	0.531	ng	
88) Benzo(b)fluoranthene	24.03	252	19722	1.017	ng	97
89) Benzo(k)fluoranthene	24.11	252	20668m	1.087	ng	
90) Benzo(a)pyrene	24.94	252	17970	0.975	ng	# 91
91) Dibenzo(a,h)anthracene	29.00	278	11888m	0.699	ng	
92) Benzo(g,h,i)perylene	30.13	276	14281	0.830	ng	# 93

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



#1

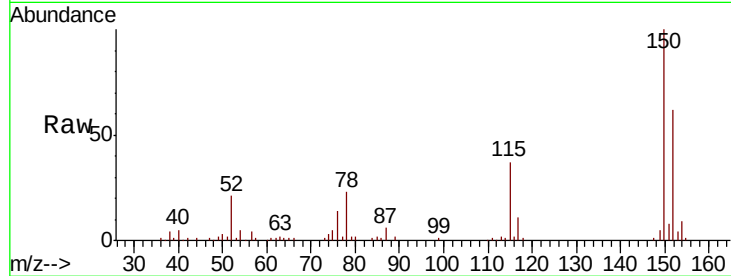
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.5	126.0	189.0
115	60.2	45.5	68.3

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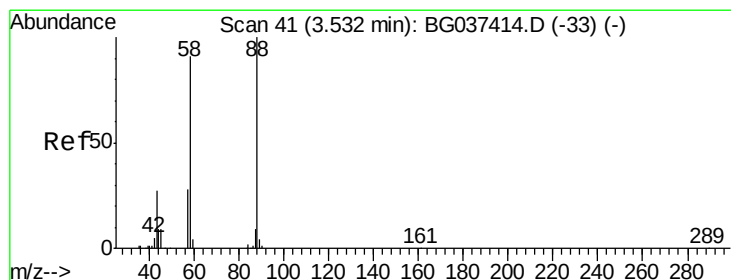
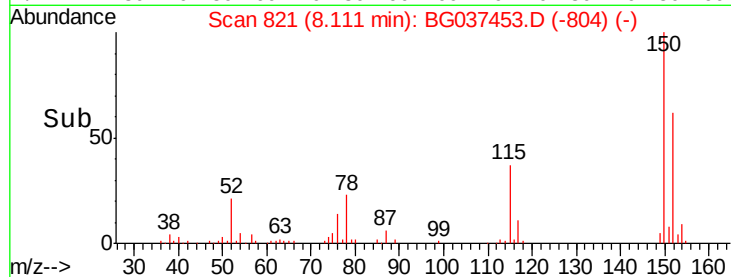
Abundance

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

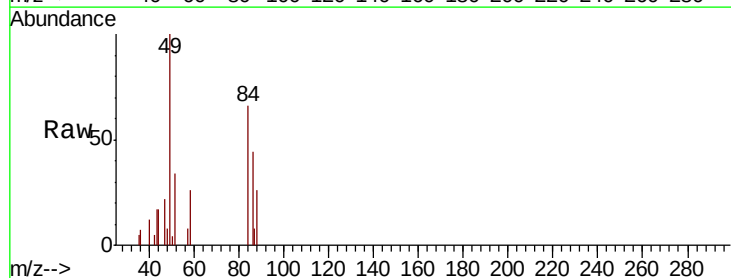
Time-->



#2

1,4-Dioxane
Concen: 0.898 ng
RT: 3.53 min Scan# 42
Delta R.T. 0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	156.6	74.4	111.6#
43	56.4	25.8	38.8#



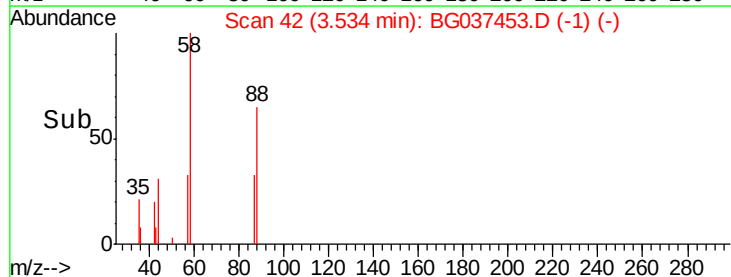
Abundance

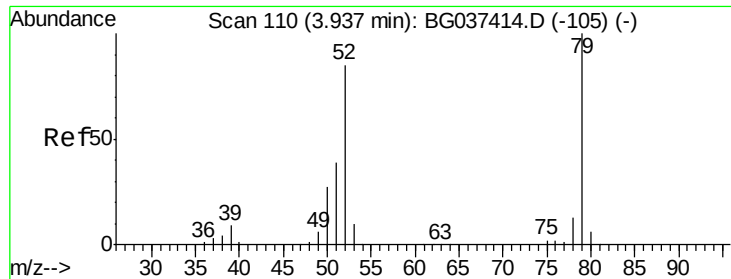
Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Time-->





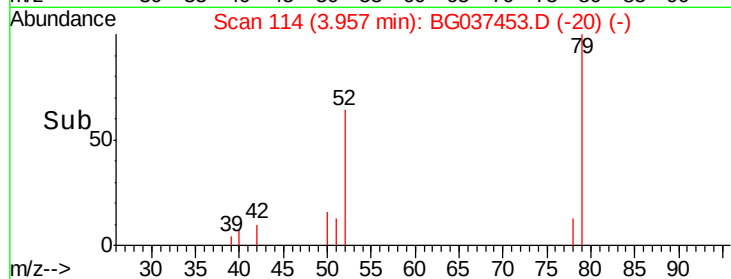
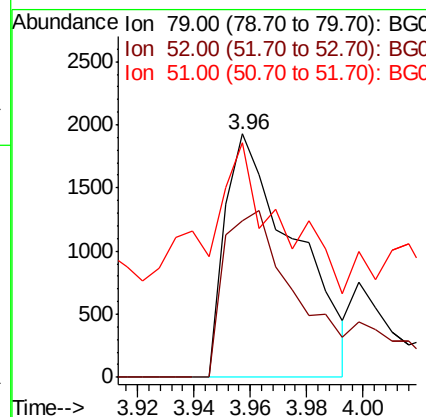
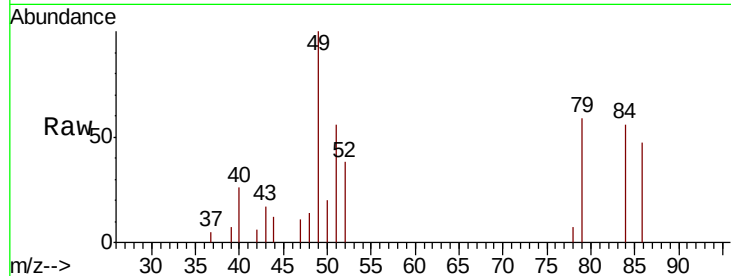
#3
 Pyridine
 Concen: 0.829 ng
 RT: 3.96 min Scan# 114
 Delta R.T. 0.02 min
 Lab File: BG037453.D
 Acq: 19 Oct 2018 14:39

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-SOIL-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
79	100		
52	64.3	74.2	111.2#
51	96.1	34.6	51.8#

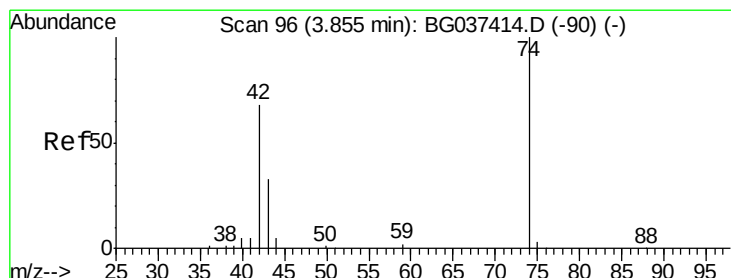
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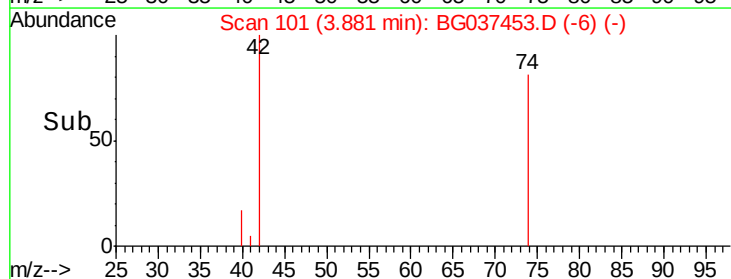
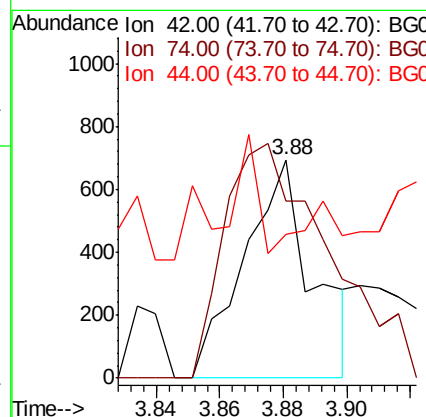
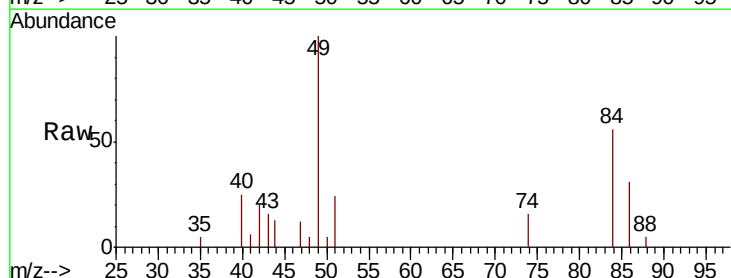
Sohil

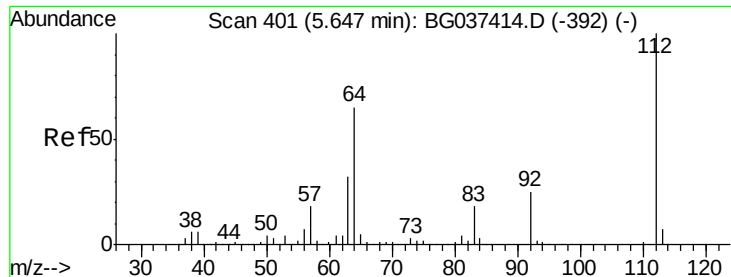
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#4
 n-Nitrosodimethylamine
 Concen: 0.733 ng
 RT: 3.88 min Scan# 101
 Delta R.T. 0.03 min
 Lab File: BG037453.D
 Acq: 19 Oct 2018 14:39

Tgt Ion	Ratio	Lower	Upper
42	100		
74	81.2	102.0	153.0#
44	65.8	9.6	14.4#





#5

2-Fluorophenol

Concen: 134.659 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037453.D

Acq: 19 Oct 2018 14:39

Instrument :

BNA_G

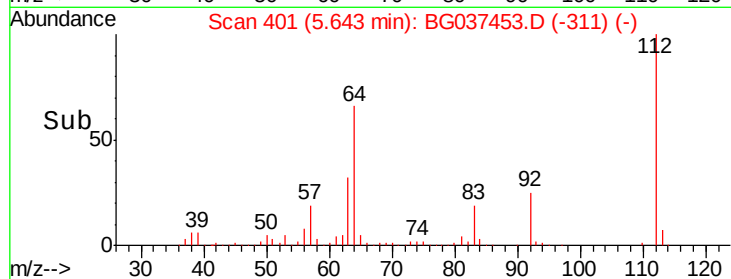
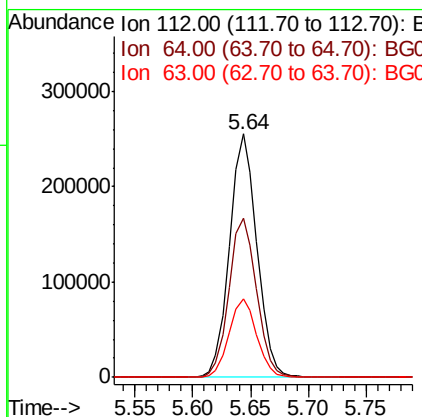
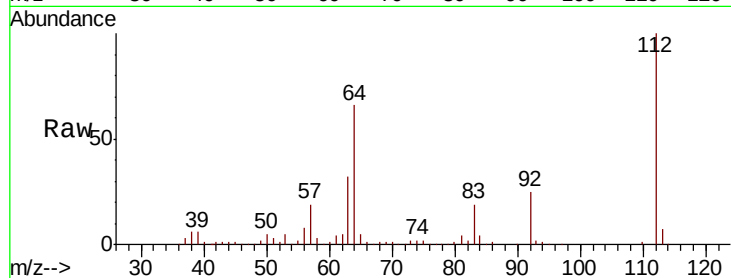
ClientSampleId :

MDL-MDL-SOIL-03-QT4-2018

Tgt Ion:	112	Resp:	419219
Ion Ratio	Lower	Upper	
112	100		
64	65.5	53.1	79.7
63	32.4	27.3	40.9

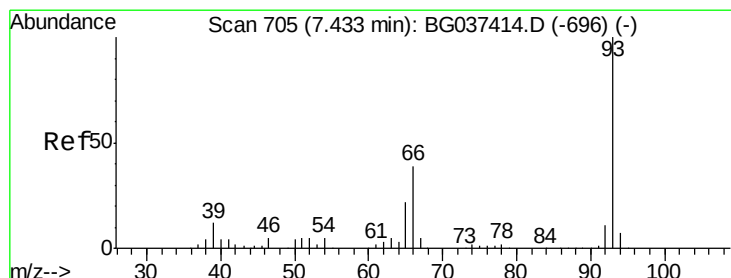
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#6

Aniline

Concen: 0.603 ng

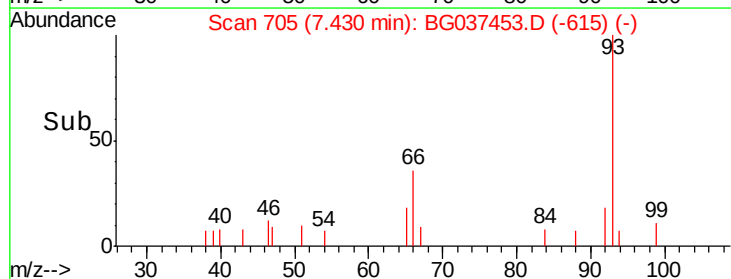
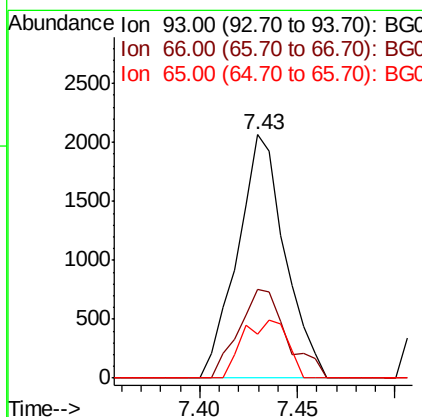
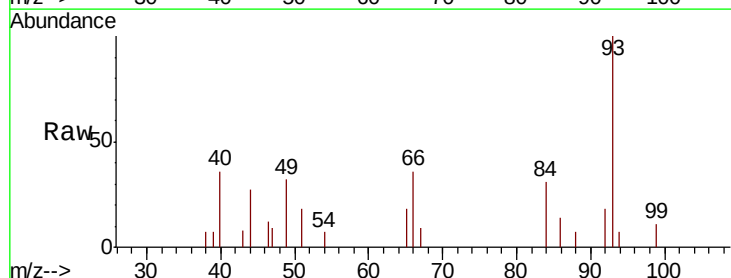
RT: 7.43 min Scan# 705

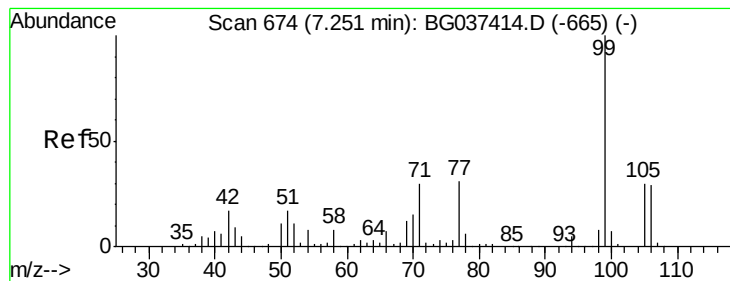
Delta R.T. -0.00 min

Lab File: BG037453.D

Acq: 19 Oct 2018 14:39

Tgt Ion:	93	Resp:	3465
Ion Ratio	Lower	Upper	
93	100		
66	36.2	32.8	49.2
65	18.1	16.4	24.6





#7

Phenol-d6

Concen: 131.042 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037453.D

Acq: 19 Oct 2018 14:39

Instrument :

BNA_G

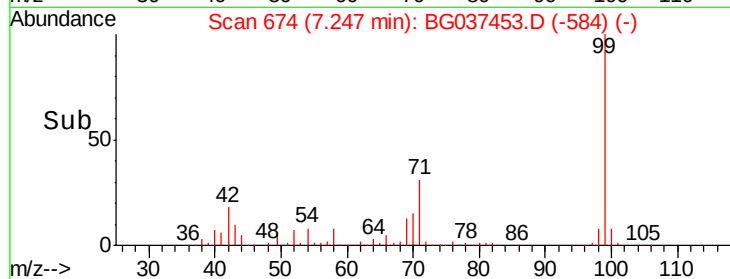
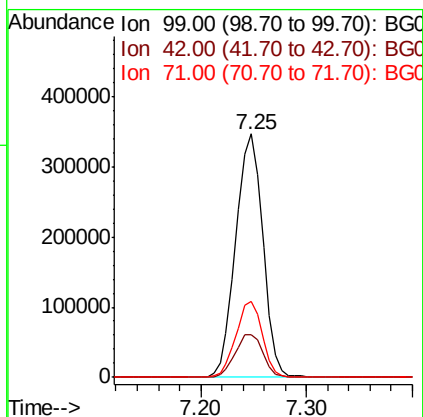
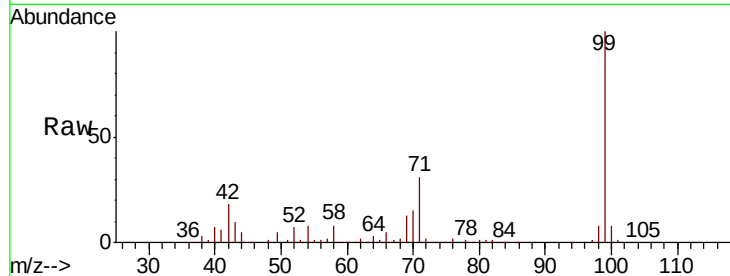
ClientSampleId :

MDL-MDL-SOIL-03-QT4-2018

Tgt Ion:	99	Resp:	616887
Ion Ratio	Lower	Upper	
99	100		
42	17.8	15.0	22.4
71	31.0	25.5	38.3

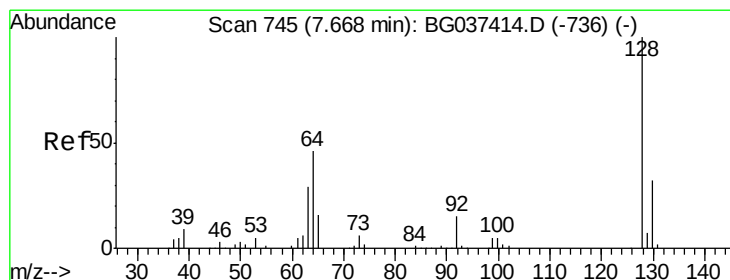
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#8

2-Chlorophenol

Concen: 1.132 ng

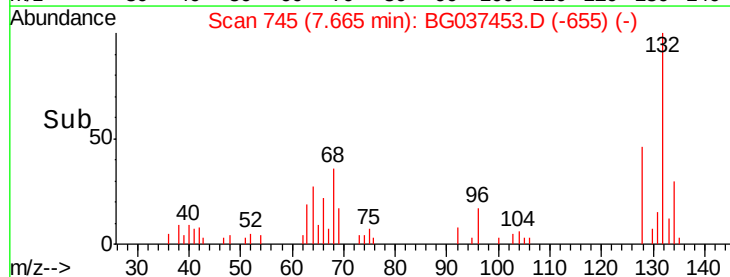
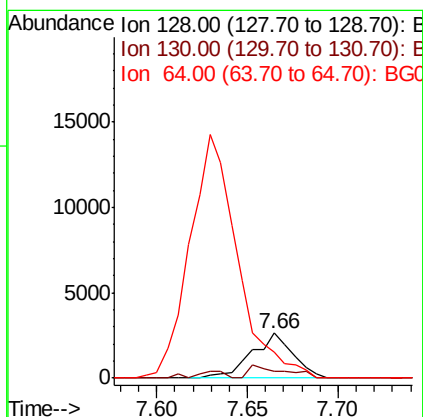
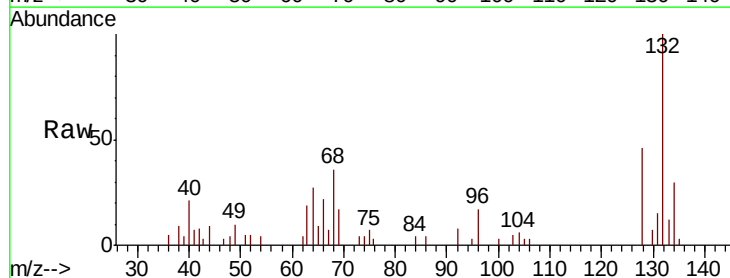
RT: 7.66 min Scan# 745

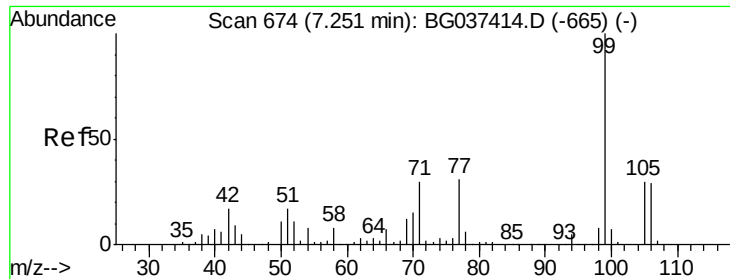
Delta R.T. -0.00 min

Lab File: BG037453.D

Acq: 19 Oct 2018 14:39

Tgt Ion:	128	Resp:	4124
Ion Ratio	Lower	Upper	
128	100		
130	15.3	12.0	52.0
64	58.1	32.9	72.9





#9

Benzaldehyde

Concen: 1.207 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037453.D

Acq: 19 Oct 2018 14:39

Instrument :

BNA_G

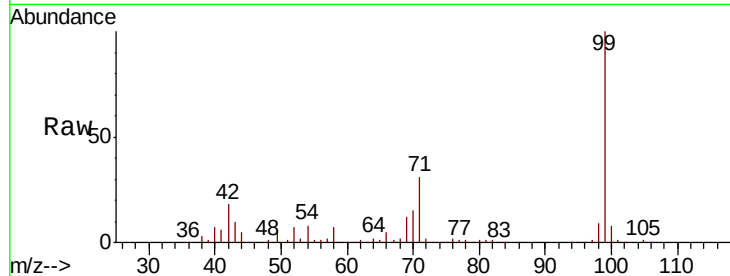
ClientSampleId :

MDL-MDL-SOIL-03-QT4-2018

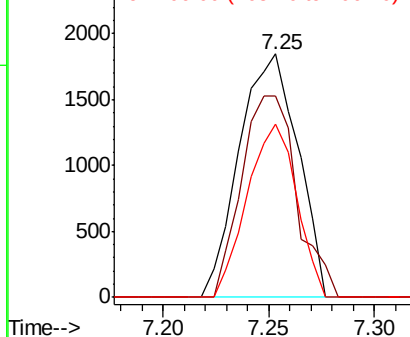
Tgt Ion:	77	Resp:	3555
Ion	Ratio	Lower	Upper
77	100		
105	82.8	72.6	112.6
106	71.0	71.3	111.3#

Manual Integrations
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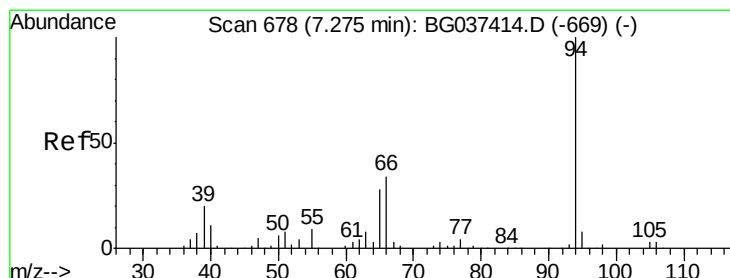
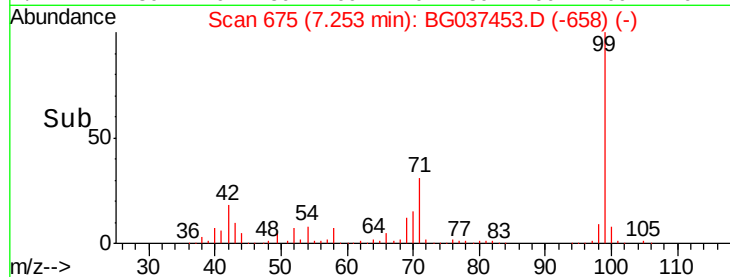


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



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#10

Phenol

Concen: 1.050 ng

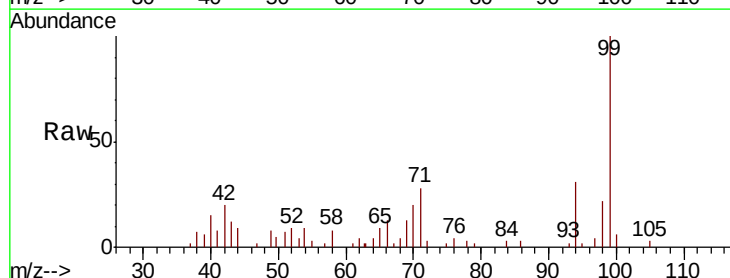
RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

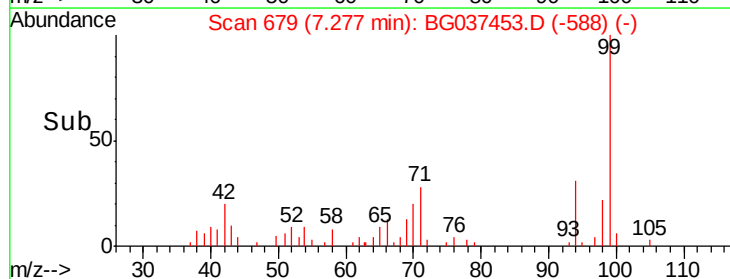
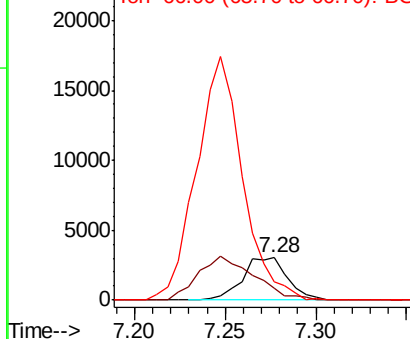
Lab File: BG037453.D

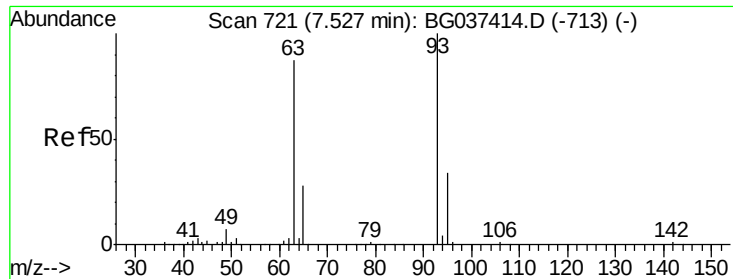
Acq: 19 Oct 2018 14:39

Tgt Ion:	94	Resp:	5214
Ion	Ratio	Lower	Upper
94	100		
65	27.6	9.7	49.7
66	42.5	15.9	55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





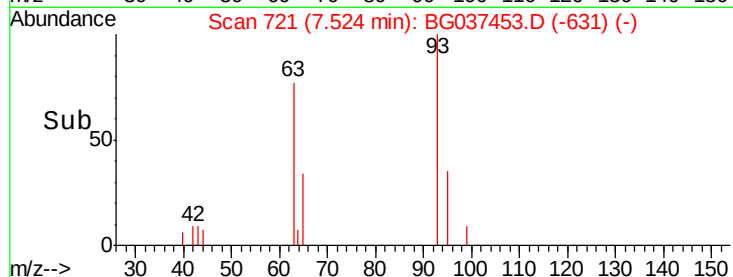
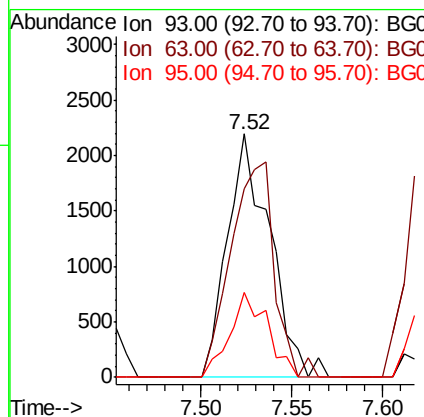
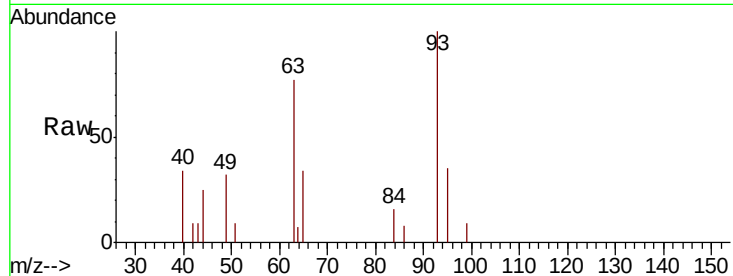
#11
bis(2-Chloroethyl)ether
Concen: 0.948 ng
RT: 7.52 min Scan# 721
Delta R.T. -0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
93	100		
63	77.2	69.5	109.5
95	35.1	12.6	52.6

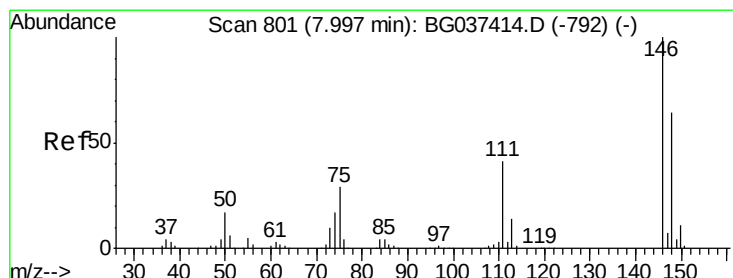
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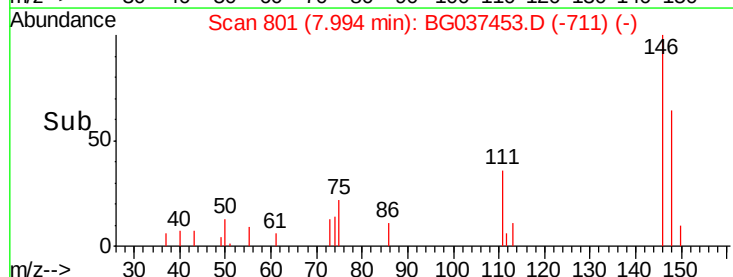
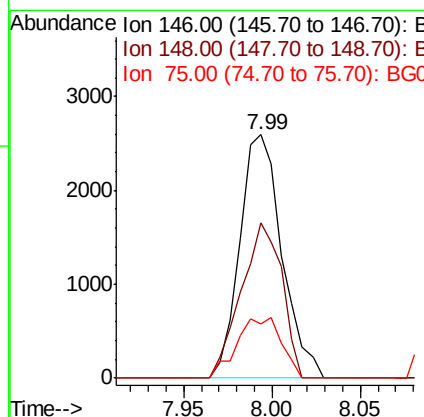
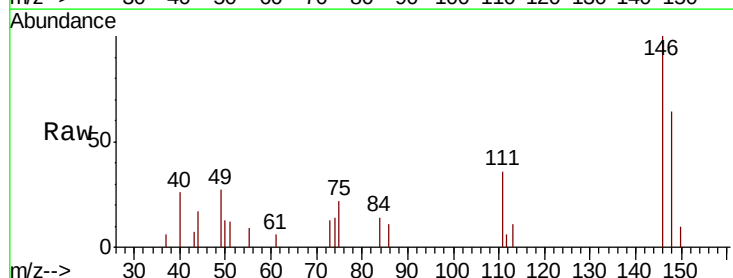
Sohil

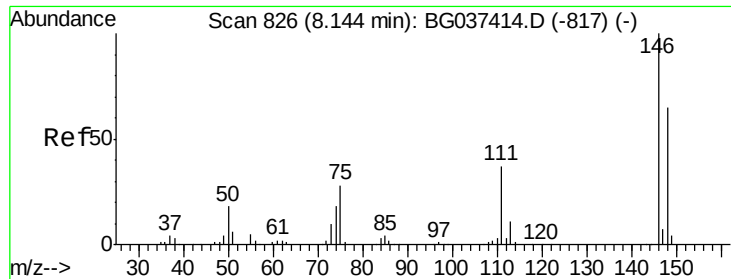
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#12
1,3-Dichlorobenzene
Concen: 1.069 ng m
RT: 7.99 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	49.8	74.8
75	22.5	23.2	34.8#





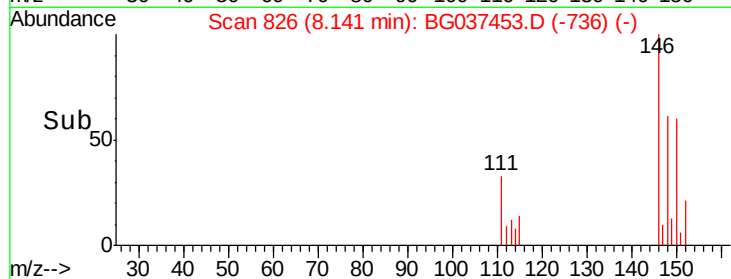
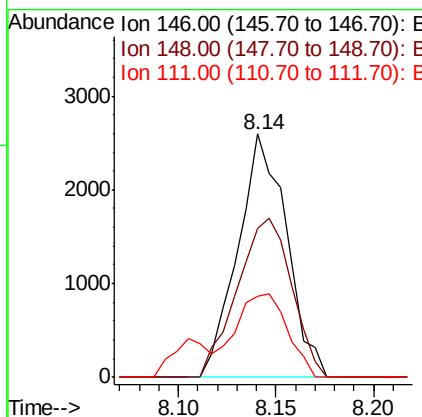
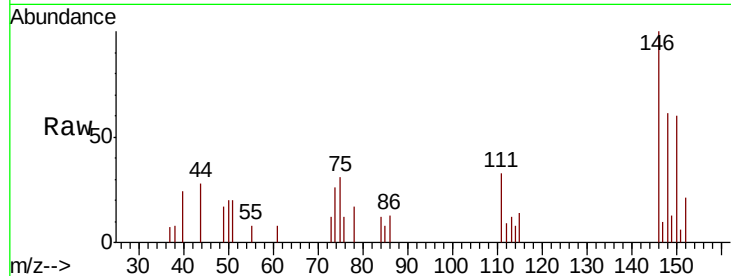
#13
 1,4-Dichlorobenzene
 Concen: 1.074 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037453.D
 Acq: 19 Oct 2018 14:39

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-SOIL-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.0	51.0	76.6
111	33.4	32.4	48.6

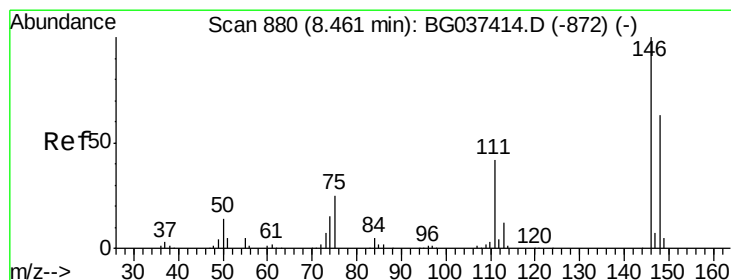
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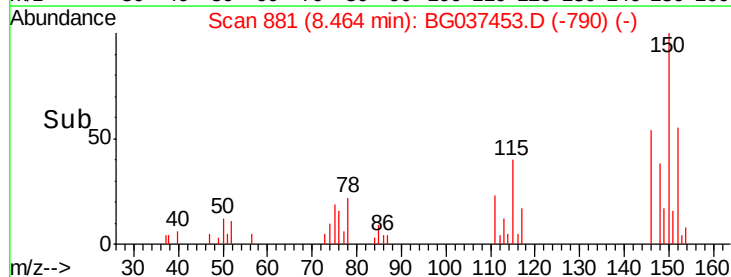
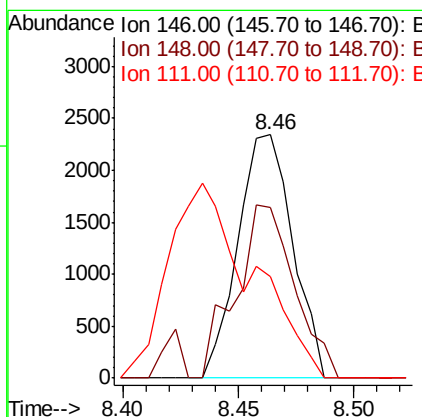
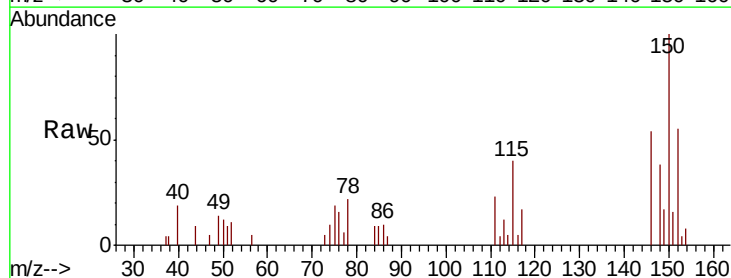
Sohil

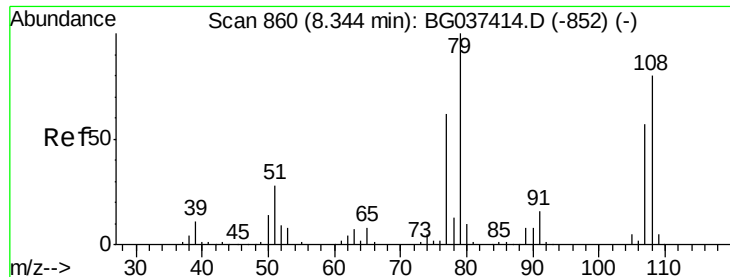
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#14
 1,2-Dichlorobenzene
 Concen: 0.969 ng
 RT: 8.46 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BG037453.D
 Acq: 19 Oct 2018 14:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	70.0	50.4	75.6
111	41.9	34.6	51.8





#15

Benzyl Alcohol

Concen: 0.870 ng

RT: 8.35 min Scan# 862

Delta R.T. 0.01 min

Lab File: BG037453.D

Acq: 19 Oct 2018 14:39

Instrument :

BNA_G

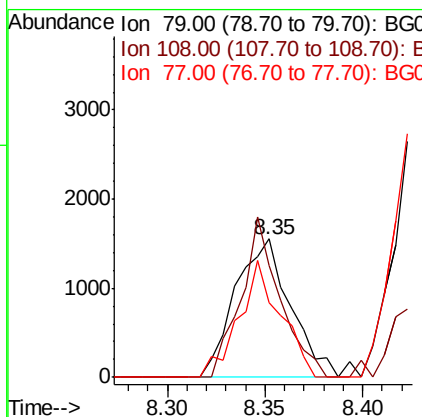
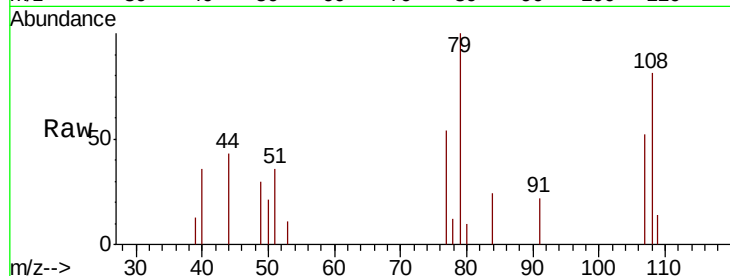
ClientSampleId :

MDL-MDL-SOIL-03-QT4-2018

Tgt Ion:	79	Resp:	3026
Ion	Ratio	Lower	Upper
79	100		
108	80.7	65.8	98.8
77	53.6	52.9	79.3

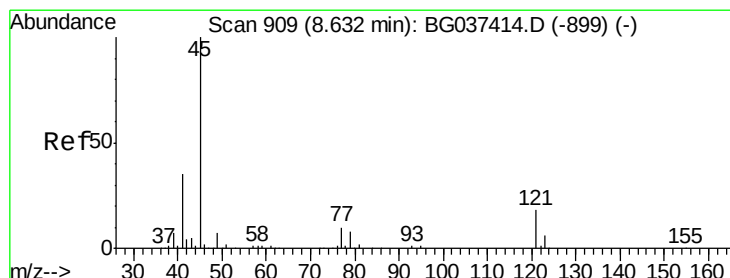
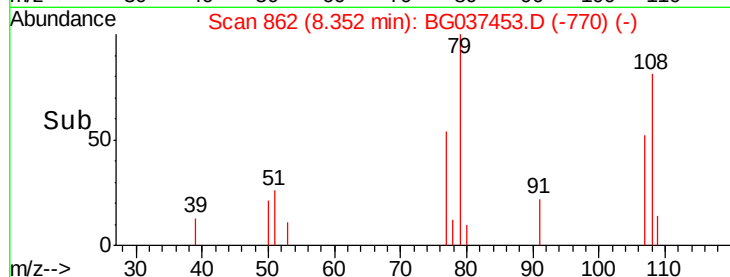
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 1.043 ng

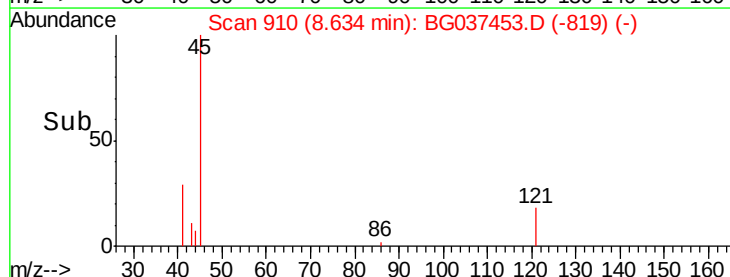
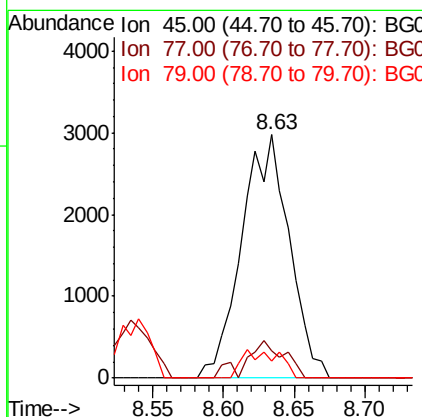
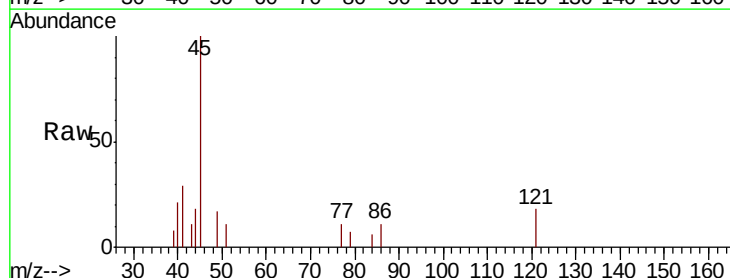
RT: 8.63 min Scan# 910

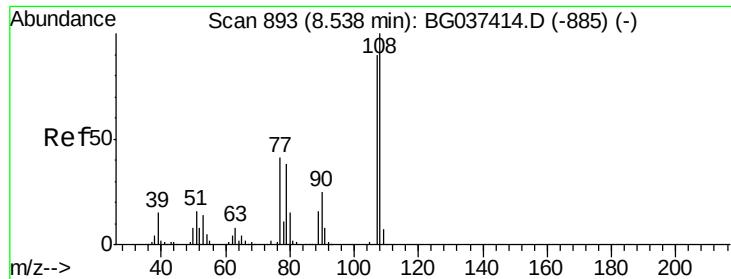
Delta R.T. 0.00 min

Lab File: BG037453.D

Acq: 19 Oct 2018 14:39

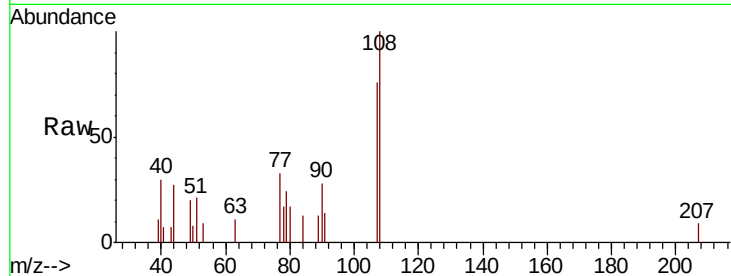
Tgt Ion:	45	Resp:	7037
Ion	Ratio	Lower	Upper
45	100		
77	11.0	0.0	30.0
79	6.9	0.0	29.0





#17
2-Methylphenol
Concen: 0.971 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

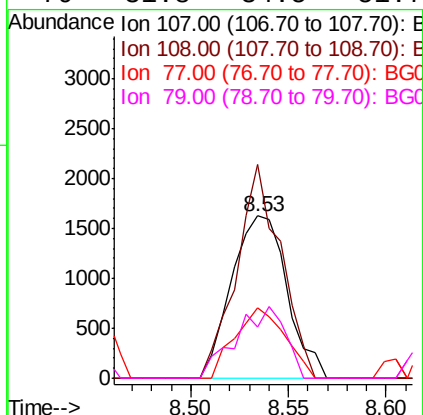
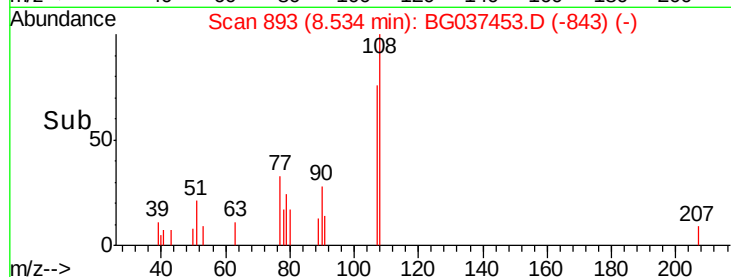
Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018



Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	131.9	87.9	131.9	
77	43.7	35.1	52.7	
79	31.8	34.5	51.7#	

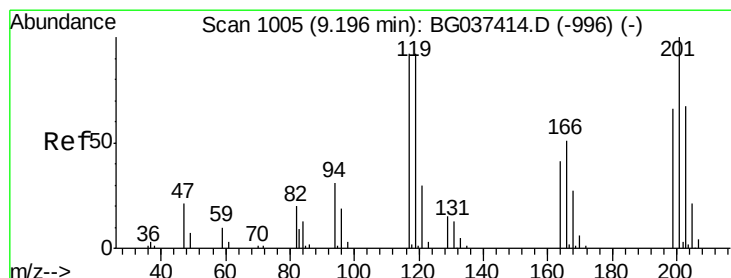
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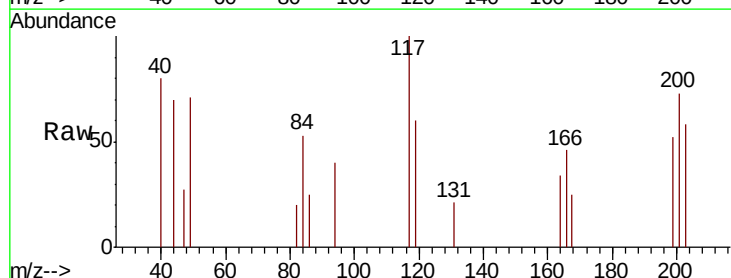


Sohil

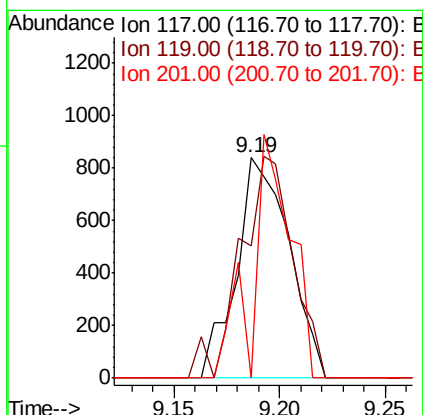
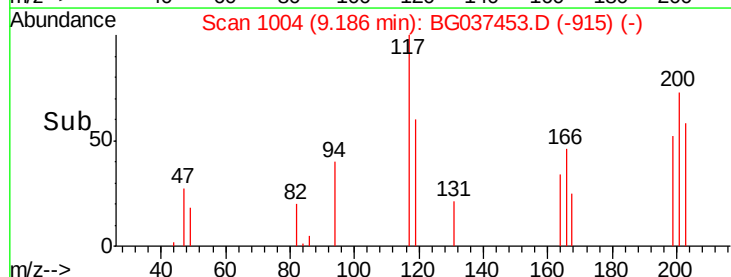
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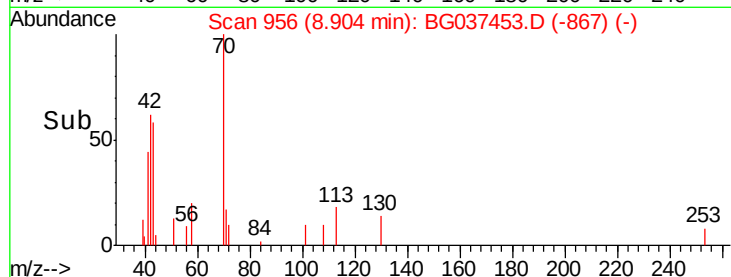
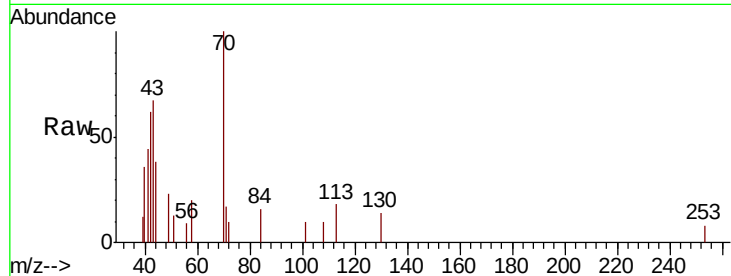
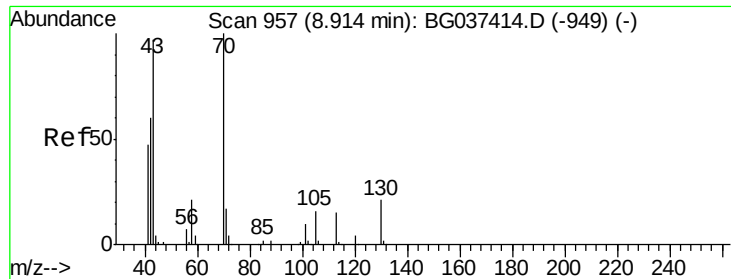


#18
Hexachloroethane
Concen: 1.029 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39



Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	60.2	74.6	111.8#	
201	0.0	80.8	121.2#	





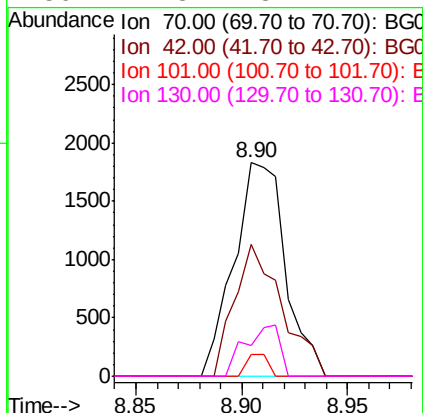
#19
n-Nitroso-di-n-propylamine
Concen: 0.955 ng
RT: 8.90 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.8	53.9	80.9
101	10.3	8.2	12.2
130	14.3	18.2	27.4#

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

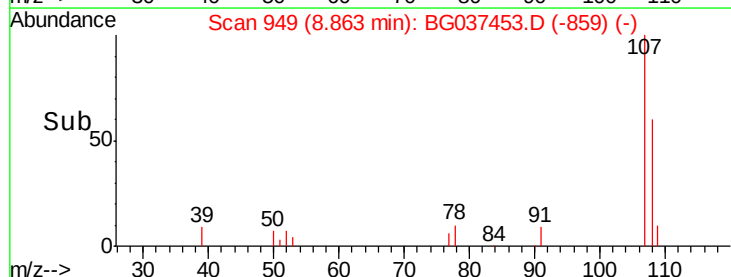
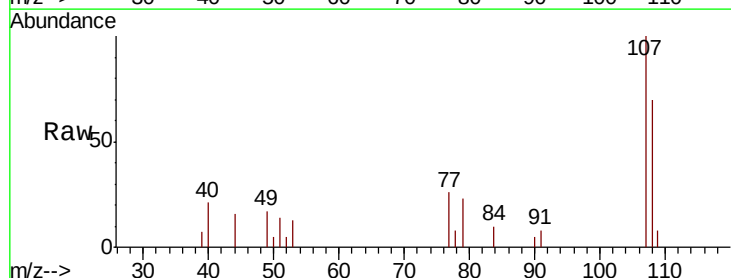
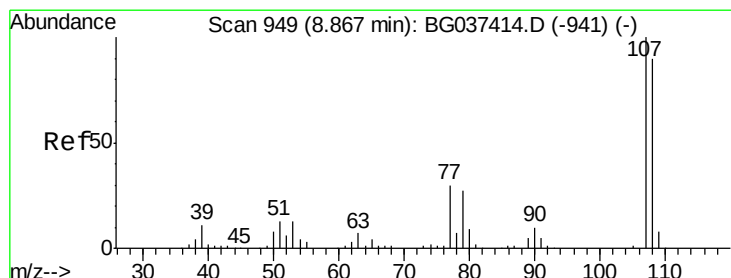
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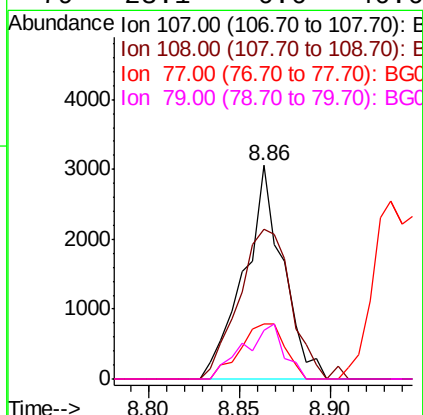
Sohil

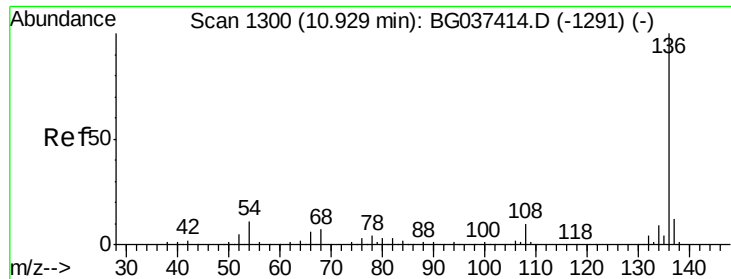
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#20
3+4-Methylphenols
Concen: 0.974 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	70.3	69.9	109.9
77	25.8	11.2	51.2
79	23.1	6.6	46.6





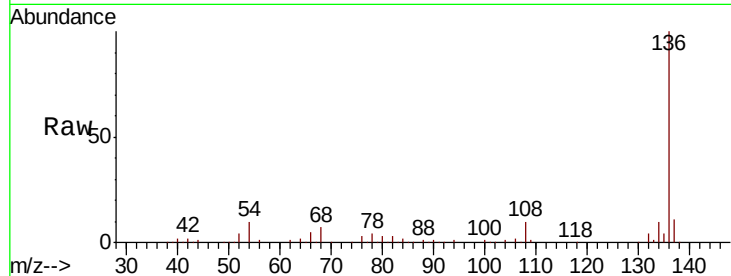
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

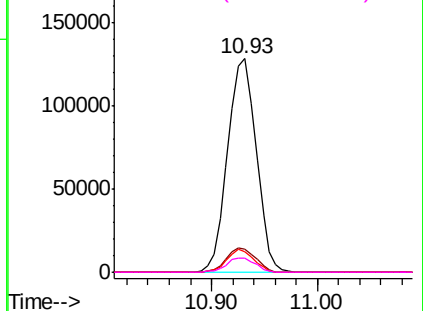
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	241245		
137	10.8		9.6	14.4
54	9.8		7.9	11.9
68	6.6		4.8	7.2

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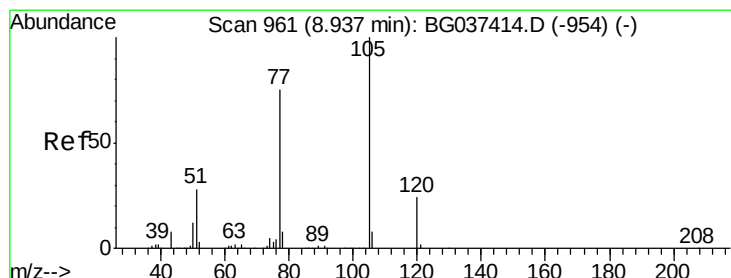
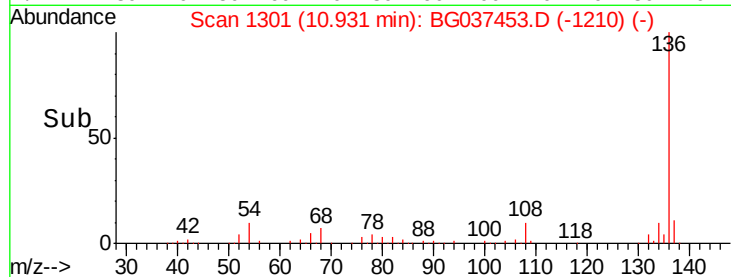


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG



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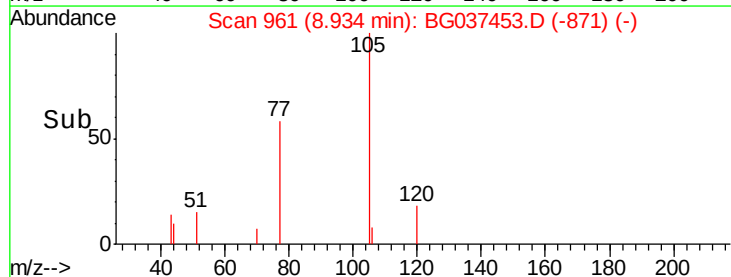
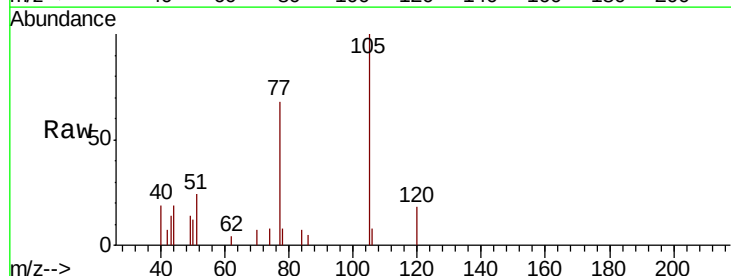
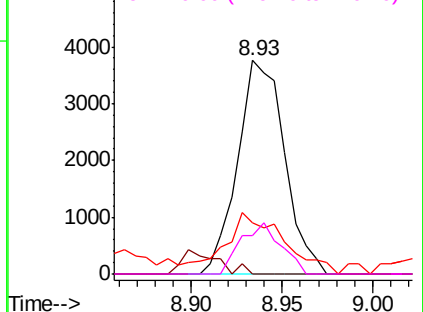
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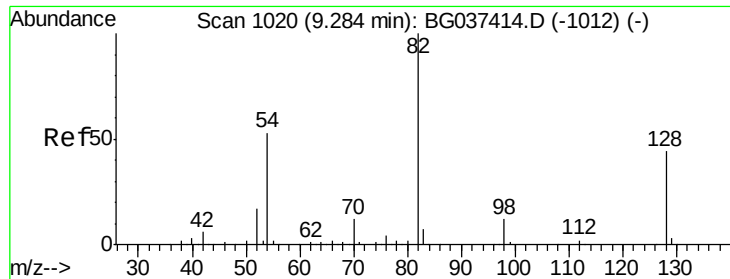


#22
Acetophenone
Concen: 1.118 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	6766		
71	0.0		1.2	1.8#
51	23.8		25.0	37.6#
120	17.7		18.6	28.0#

Abundance Ion 105.00 (104.70 to 105.70): E
6000
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E





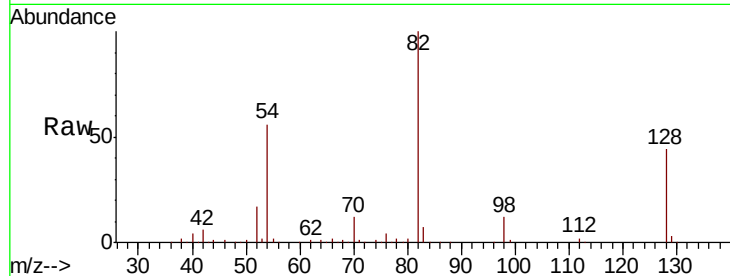
#23
Nitrobenzene-d5
Concen: 83.074 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	357758		
128	44.4	34.6	51.8	
54	55.7	45.3	67.9	

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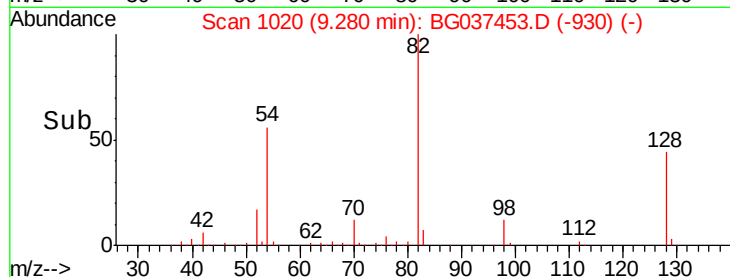
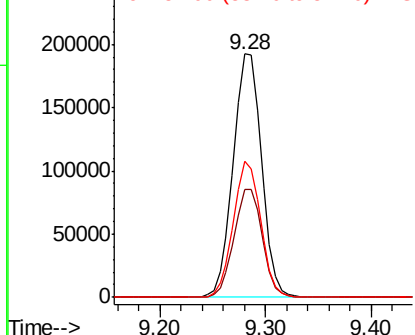


Abundance

Ion 82.00 (81.70 to 82.70): BGC

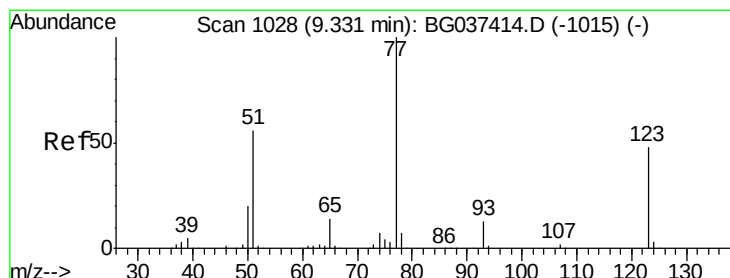
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



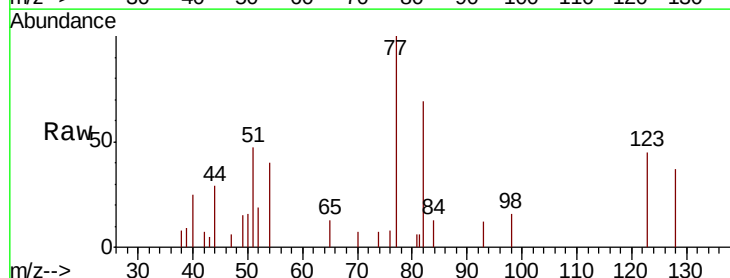
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#24
Nitrobenzene
Concen: 1.036 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	4637		
123	44.6	33.6	50.4	
65	13.1	11.3	16.9	

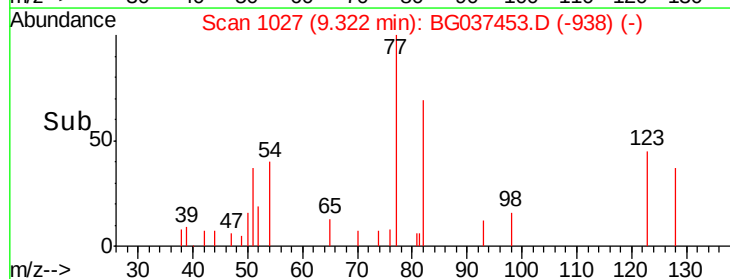
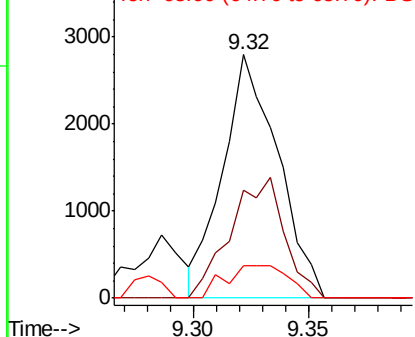


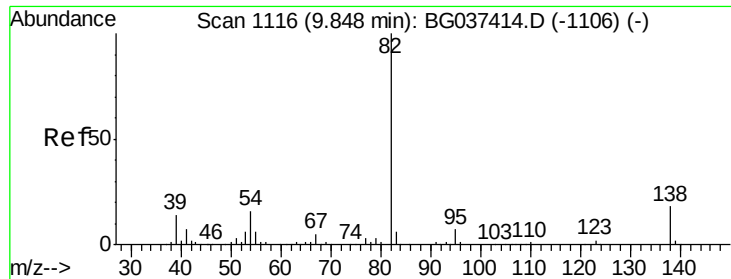
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 1.062 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BG037453.D

Acq: 19 Oct 2018 14:39

Instrument :

BNA_G

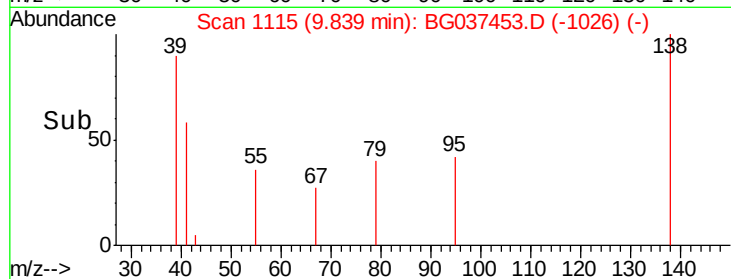
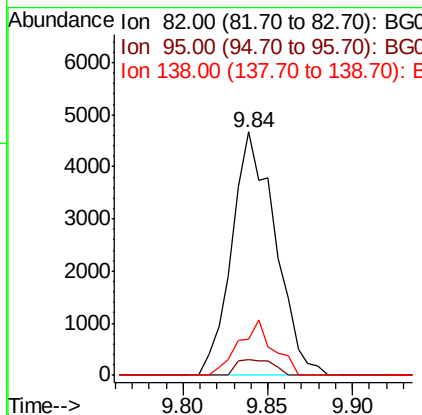
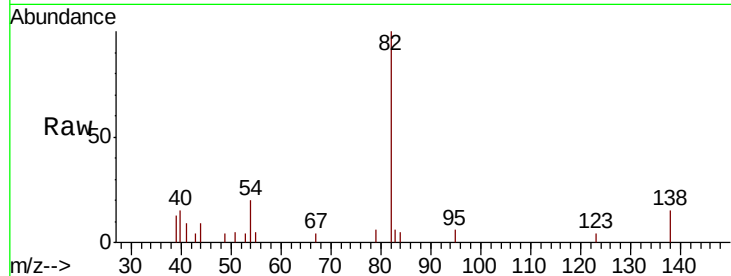
ClientSampleId :

MDL-MDL-SOIL-03-QT4-2018

Tgt Ion:	82	Resp:	8358
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.3	7.9
138	15.0	13.3	19.9

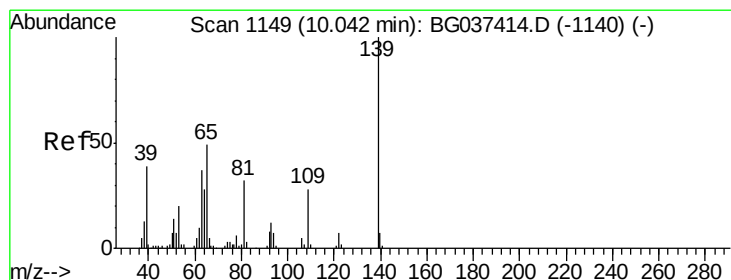
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#26

2-Nitrophenol

Concen: 0.801 ng

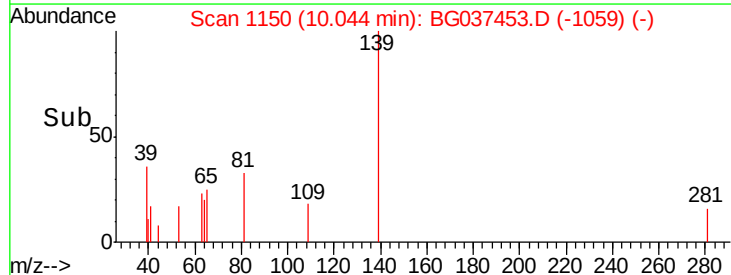
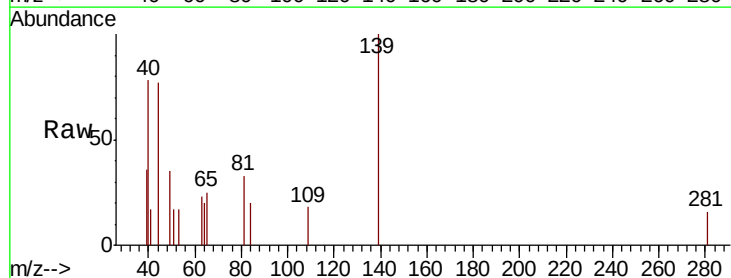
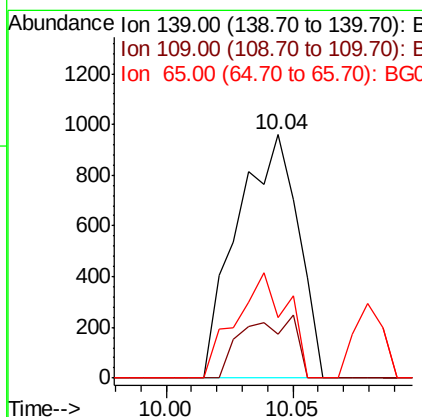
RT: 10.04 min Scan# 1150

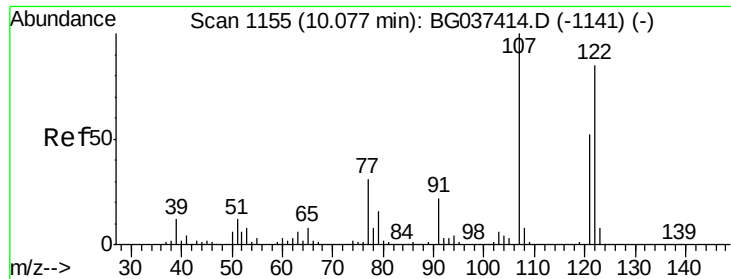
Delta R.T. 0.00 min

Lab File: BG037453.D

Acq: 19 Oct 2018 14:39

Tgt Ion:	139	Resp:	1614
Ion Ratio	Lower	Upper	
139	100		
109	17.8	23.3	34.9#
65	25.1	39.8	59.8#





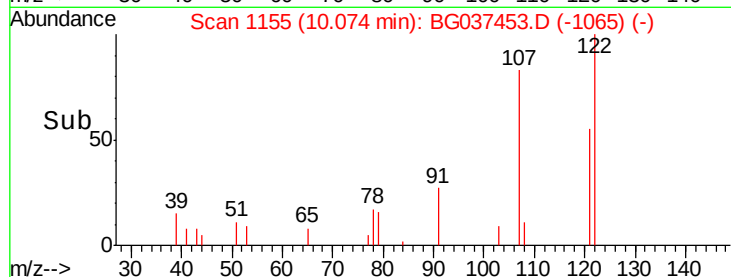
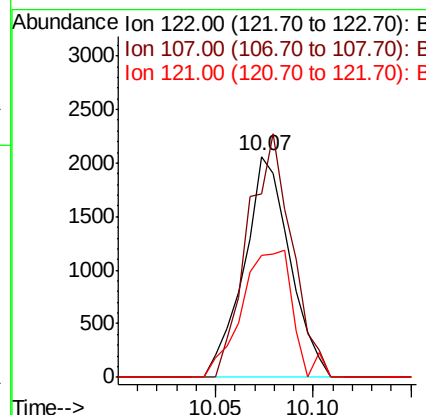
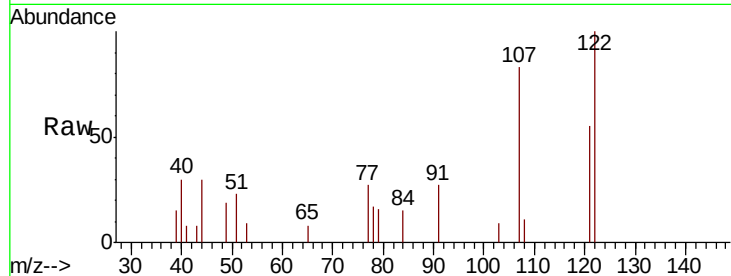
#27
2,4-Dimethylphenol
Concen: 0.932 ng
RT: 10.07 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Tgt Ion: 122 Resp: 3354
Ion Ratio Lower Upper
122 100
107 83.0 94.2 141.2#
121 55.3 47.3 70.9

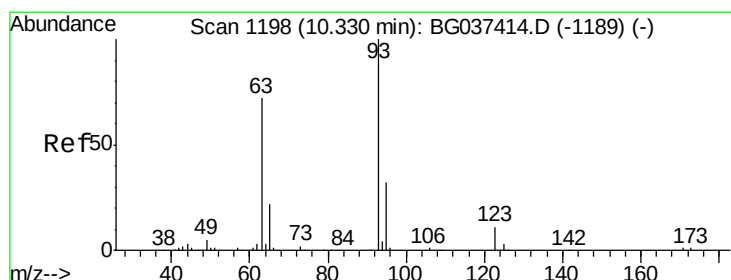
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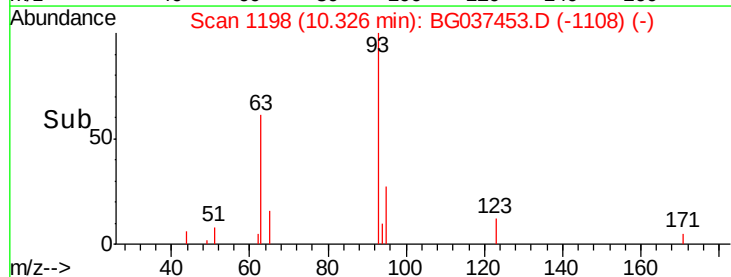
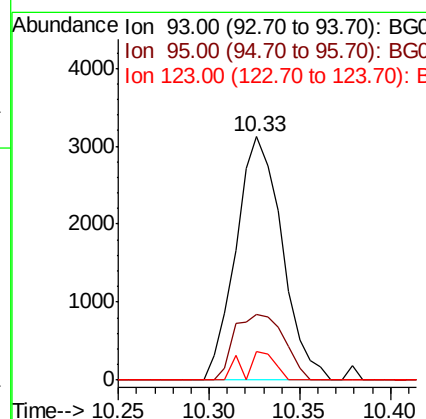
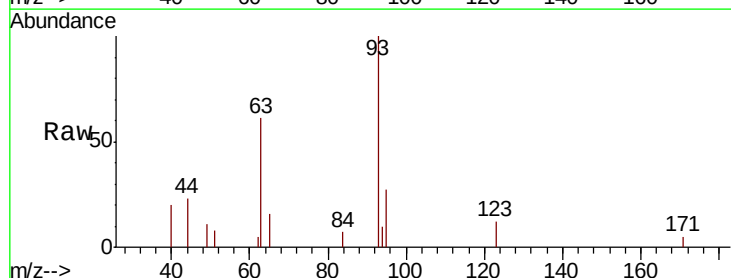
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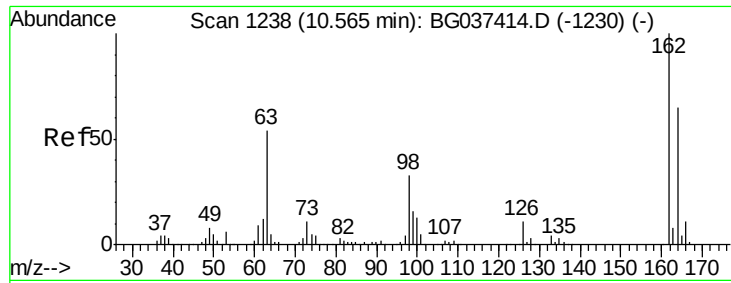
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#28
bis(2-Chloroethoxy)methane
Concen: 1.073 ng
RT: 10.33 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Tgt Ion: 93 Resp: 5532
Ion Ratio Lower Upper
93 100
95 27.0 24.6 37.0
123 11.8 9.1 13.7





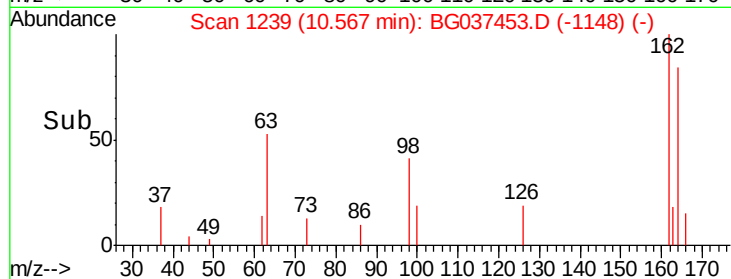
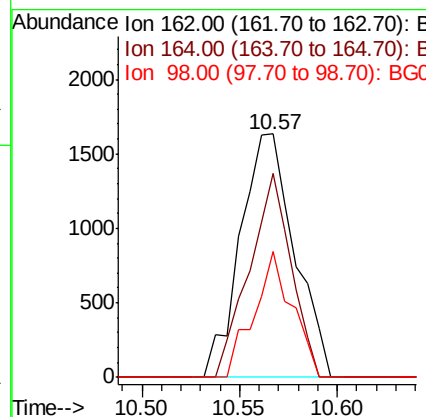
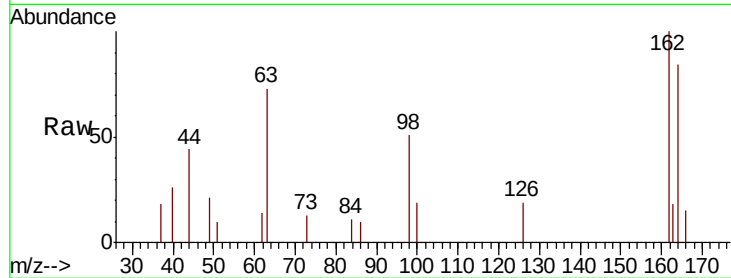
#29
2,4-Dichlorophenol
Concen: 0.783 ng
RT: 10.57 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	3137		
164	83.7	43.2	83.2#	
98	51.5	16.0	56.0	

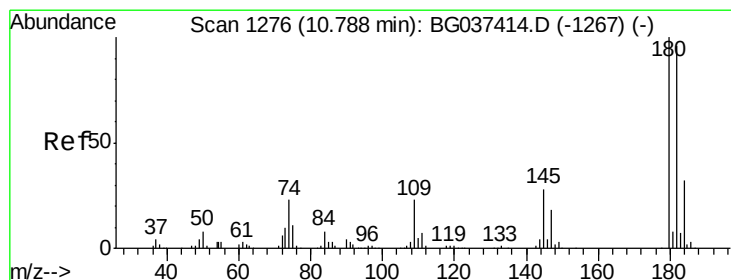
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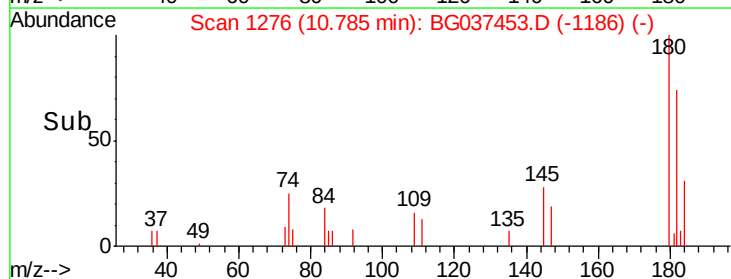
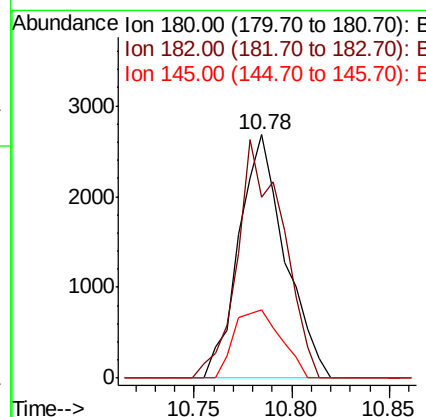
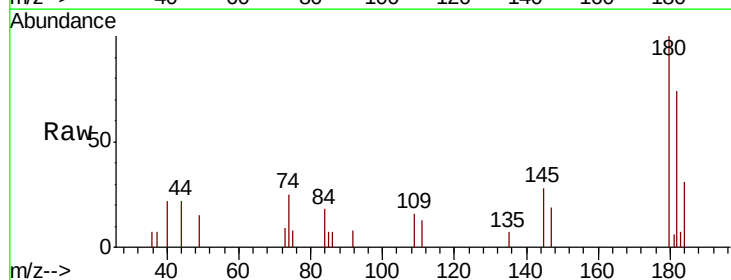
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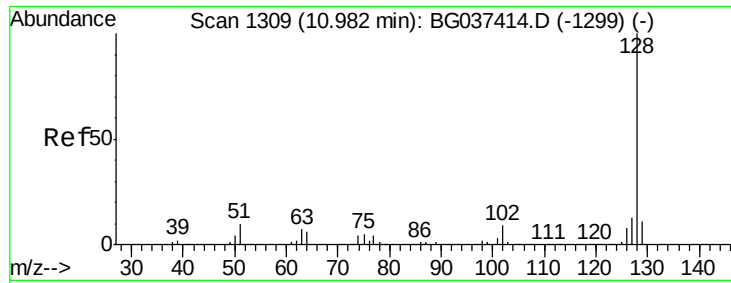
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#30
1,2,4-Trichlorobenzene
Concen: 1.006 ng
RT: 10.78 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	4384		
182	74.4	77.7	116.5#	
145	28.2	23.3	34.9	





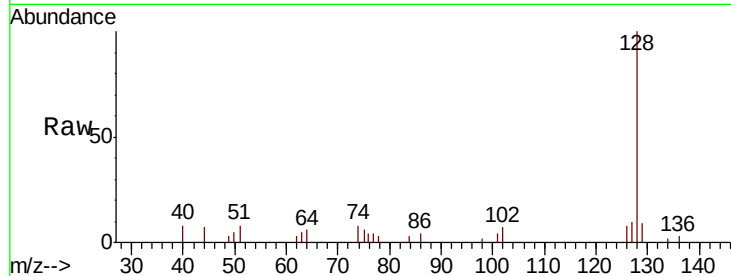
#31
Naphthalene
Concen: 1.152 ng
RT: 10.98 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.3	9.0	13.6
127	9.7	11.1	16.7#

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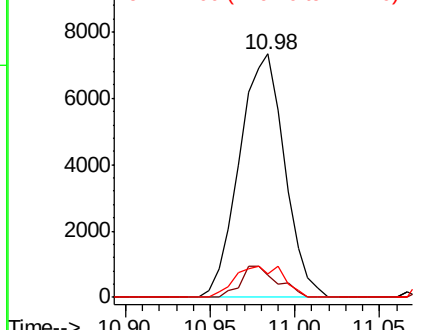


Abundance

Ion 128.00 (127.70 to 128.70): E

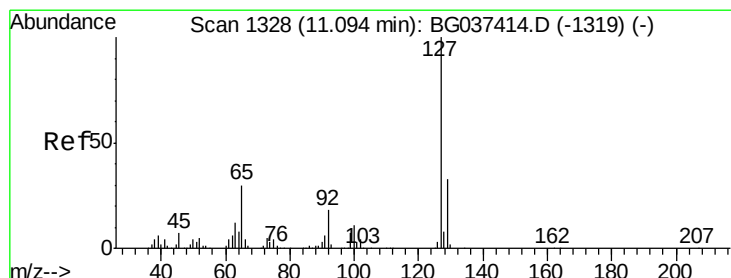
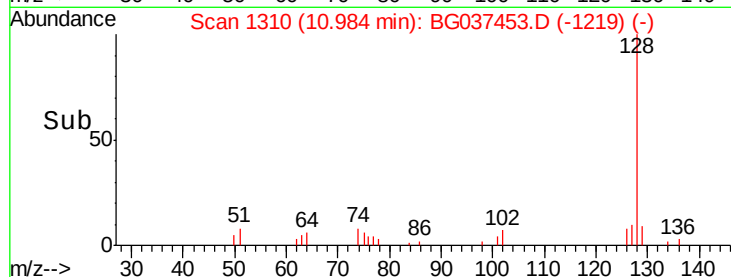
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



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#33
4-Chloroaniline
Concen: 0.562 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Tgt Ion	Ratio	Lower	Upper
127	100		
129	49.8	27.1	40.7#
65	24.0	26.6	39.8#
92	12.2	16.4	24.6#

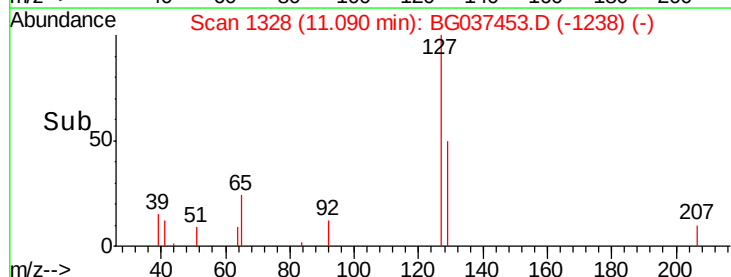
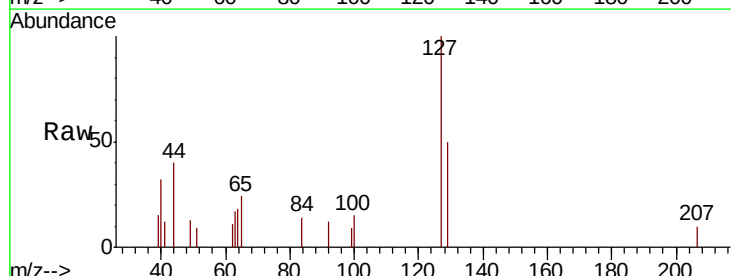
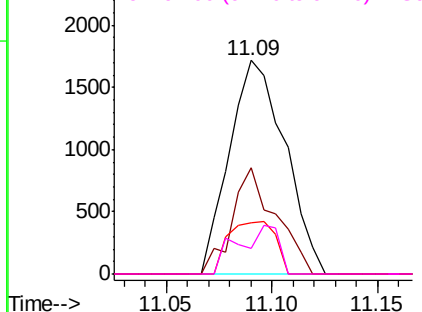
Abundance

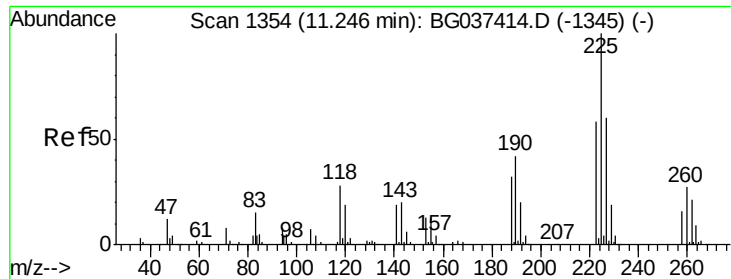
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





#34

Hexachlorobutadiene

Concen: 0.978 ng

RT: 11.24 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BG037453.D

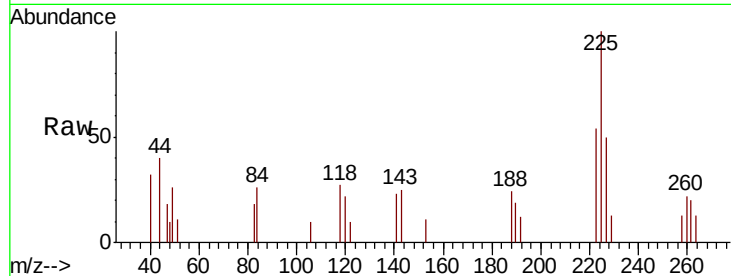
Acq: 19 Oct 2018 14:39

Instrument :

BNA_G

ClientSampleId :

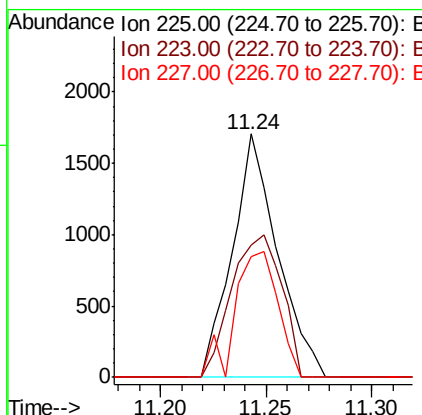
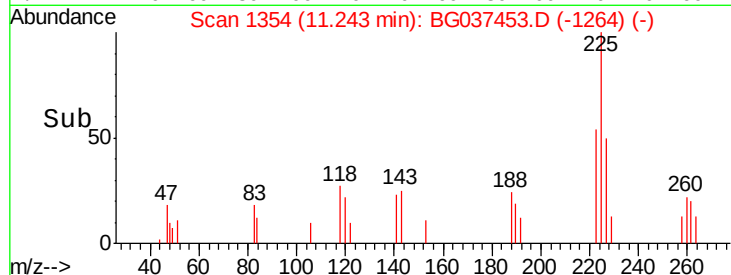
MDL-MDL-SOIL-03-QT4-2018



Tgt Ion:	225	Resp:	2526
Ion Ratio	Lower	Upper	
225	100		
223	54.2	48.2	72.4
227	49.7	51.6	77.4#

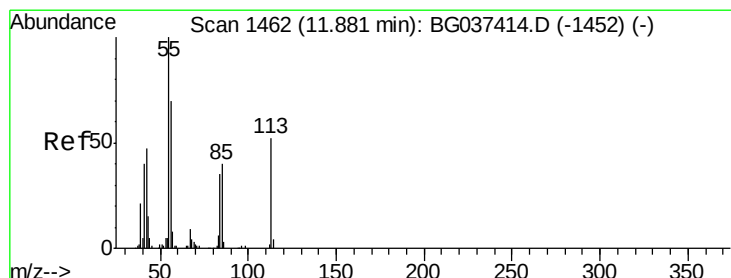
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#35

Caprolactam

Concen: 0.592 ng

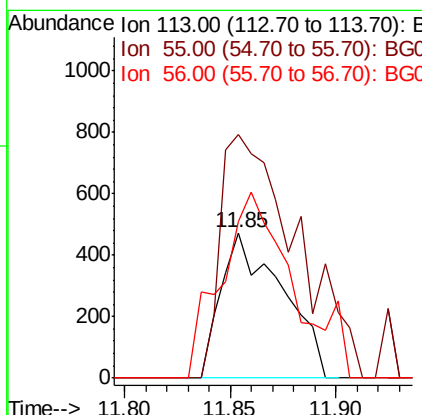
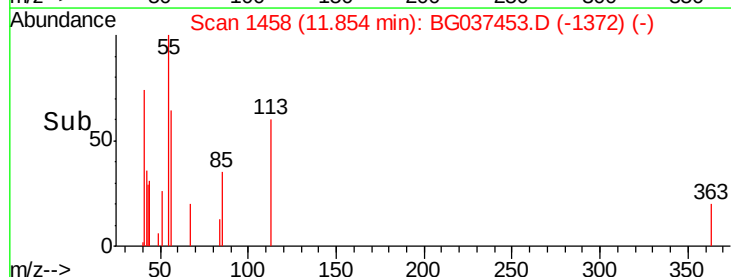
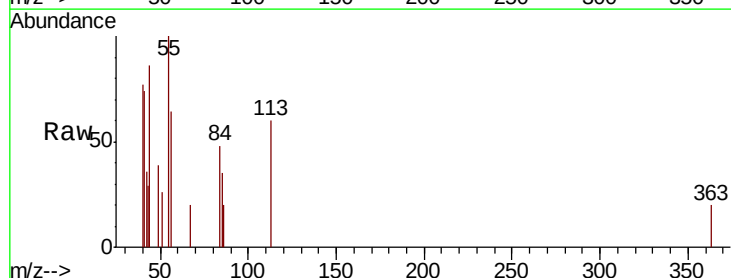
RT: 11.85 min Scan# 1458

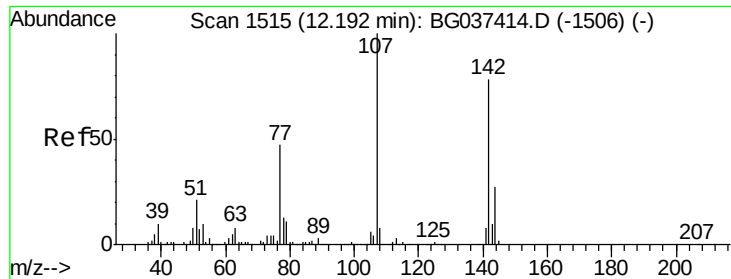
Delta R.T. -0.03 min

Lab File: BG037453.D

Acq: 19 Oct 2018 14:39

Tgt Ion:	113	Resp:	952
Ion Ratio	Lower	Upper	
113	100		
55	167.3	176.6	216.6#
56	107.4	128.3	168.3#





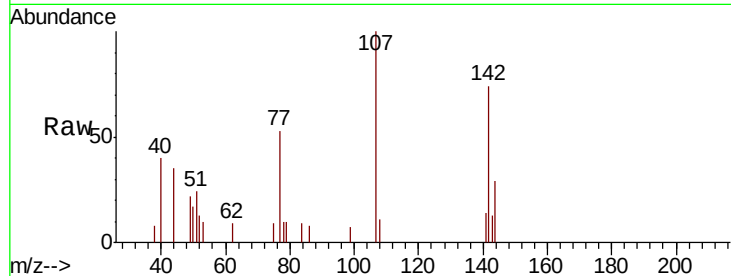
#36
 4-Chloro-3-methylphenol
 Concen: 0.894 ng
 RT: 12.19 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: BG037453.D
 Acq: 19 Oct 2018 14:39

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-SOIL-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.9	20.7	31.1
142	73.5	64.4	96.6

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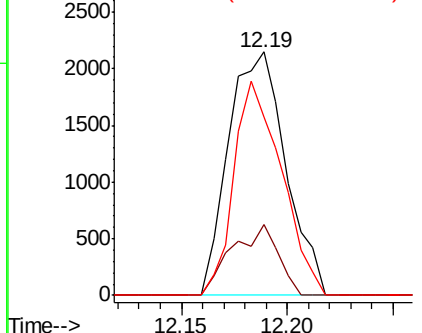


Abundance

Ion 107.00 (106.70 to 107.70): E

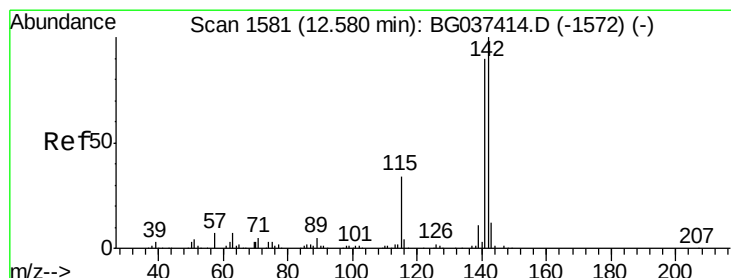
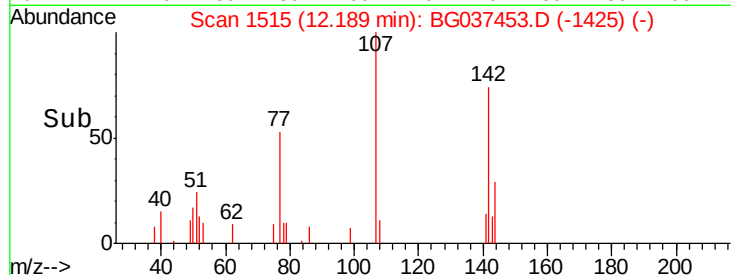
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



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#37
 2-Methylnaphthalene
 Concen: 1.138 ng
 RT: 12.58 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BG037453.D
 Acq: 19 Oct 2018 14:39

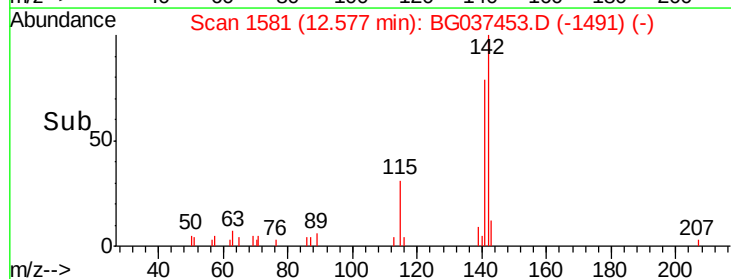
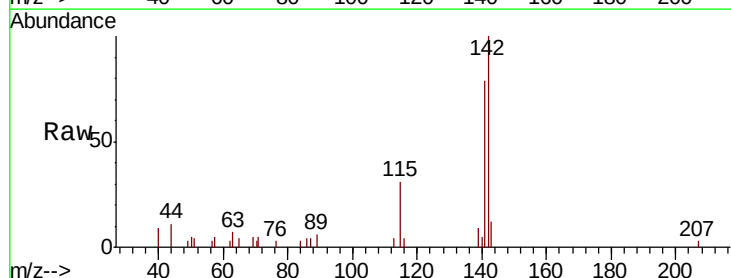
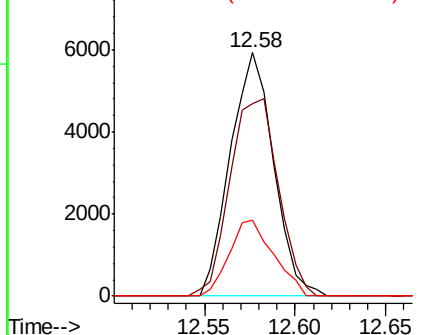
Tgt Ion	Ratio	Lower	Upper
142	100		
141	79.3	71.9	107.9
115	31.3	27.8	41.8

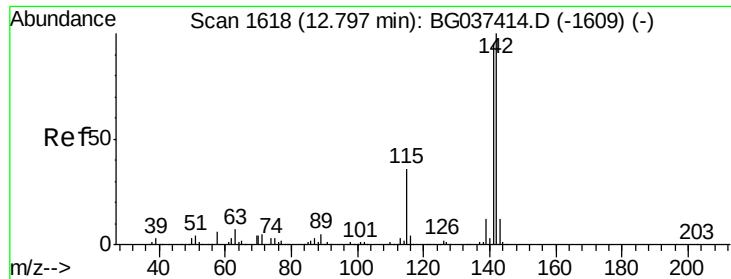
Abundance

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





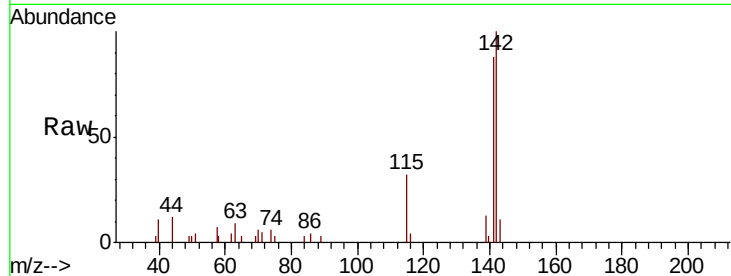
#38
1-Methylnaphthalene
Concen: 1.132 ng
RT: 12.79 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.0	75.2	112.8
116	4.2	3.3	4.9

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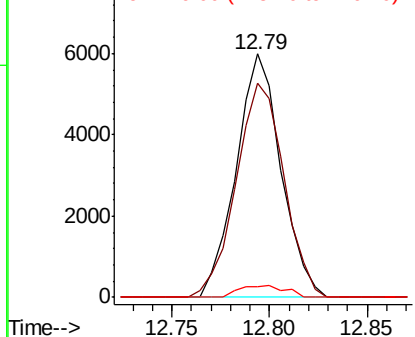


Abundance

Ion 142.00 (141.70 to 142.70): E

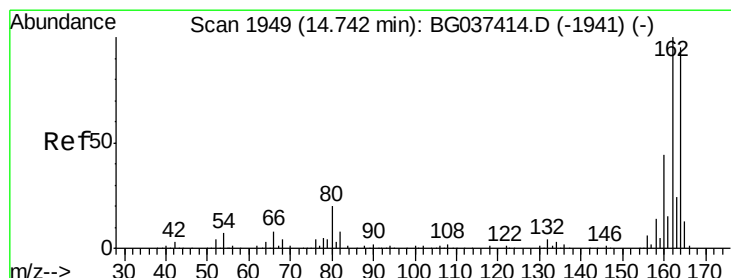
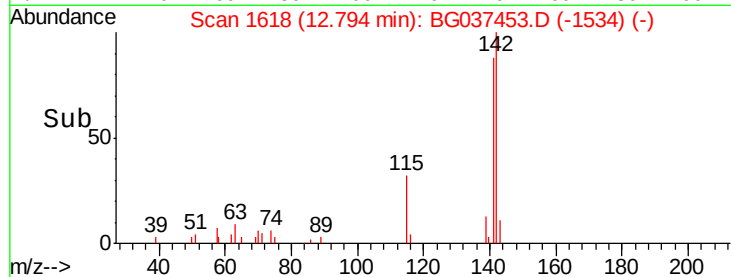
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

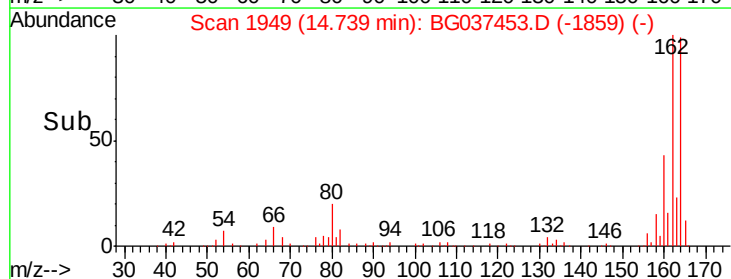
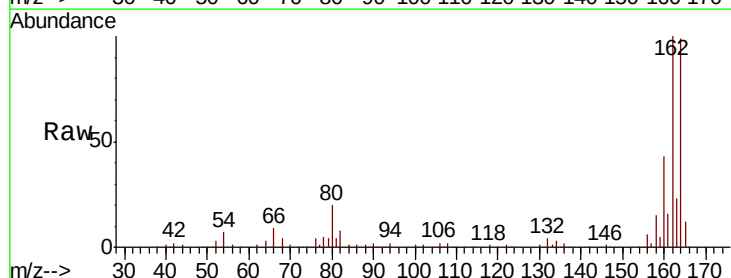
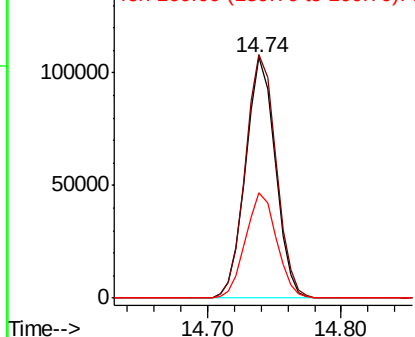
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.3	121.9
160	43.8	36.3	54.5

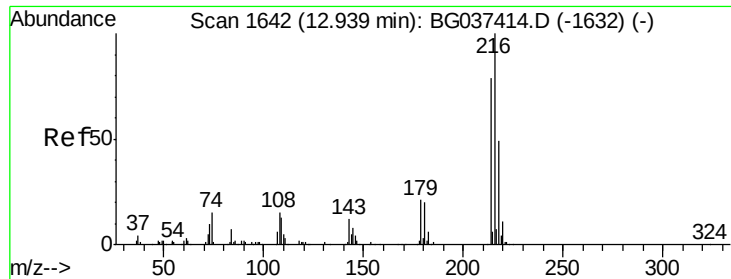
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





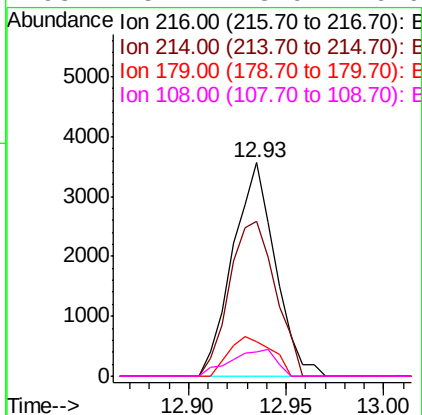
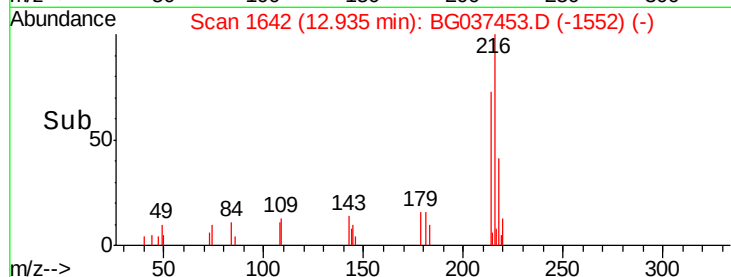
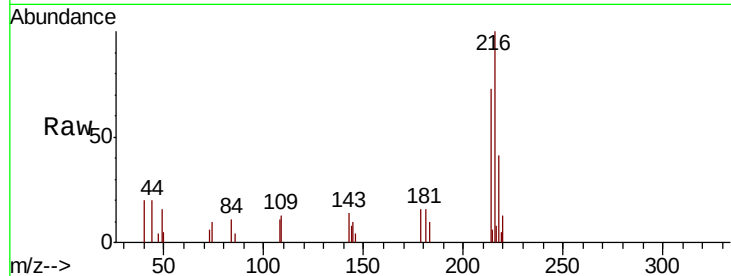
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 1.010 ng
 RT: 12.93 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BG037453.D
 Acq: 19 Oct 2018 14:39

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-SOIL-03-QT4-2018

Tgt Ion:	216	Resp:	5354
Ion Ratio	Lower	Upper	
216	100		
214	79.0	63.8	95.6
179	18.8	17.4	26.0
108	13.4	13.9	20.9#

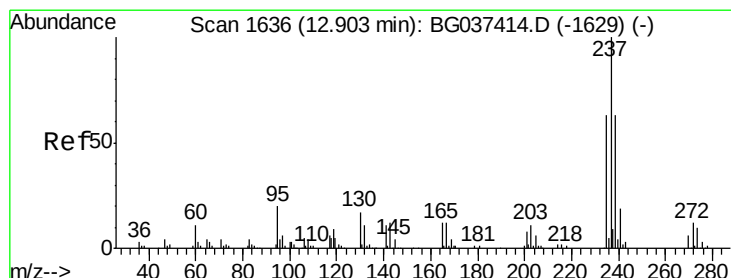
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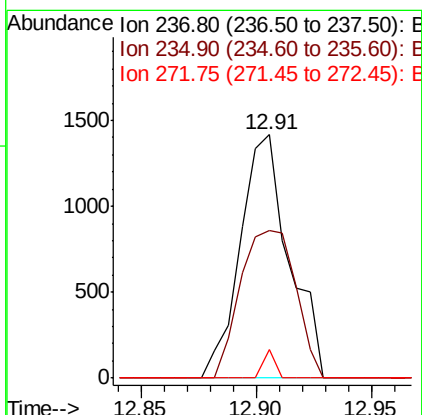
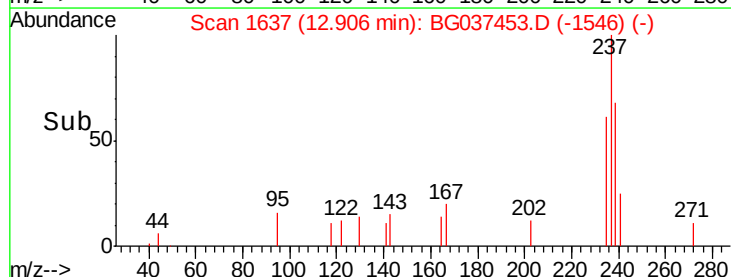
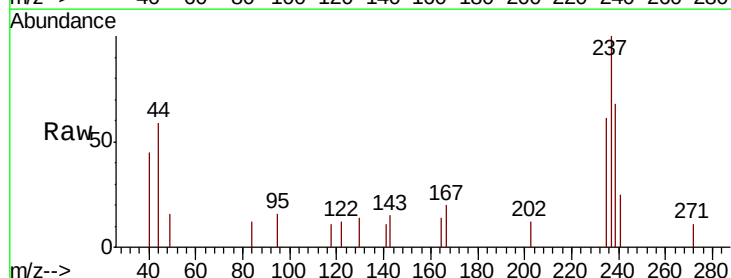
Sohil

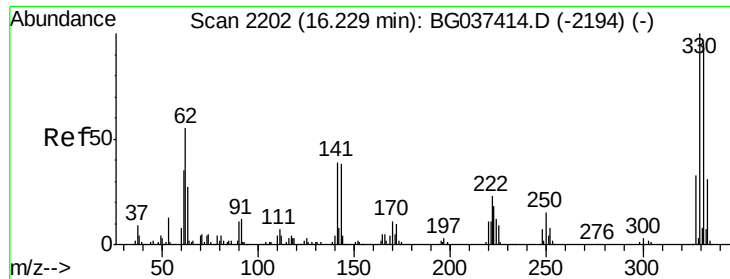
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#41
 Hexachlorocyclopentadiene
 Concen: 0.824 ng
 RT: 12.91 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BG037453.D
 Acq: 19 Oct 2018 14:39

Tgt Ion:	237	Resp:	2087
Ion Ratio	Lower	Upper	
237	100		
235	60.5	42.5	82.5
272	11.5	0.0	31.6





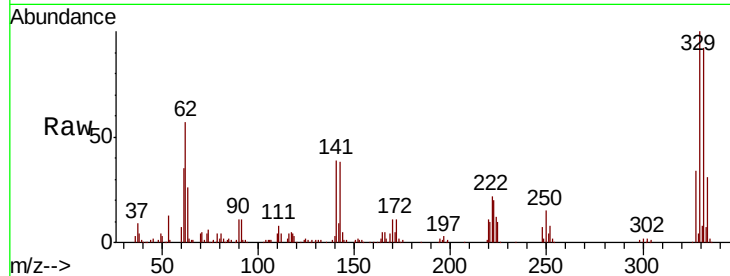
#42
 2,4,6-Tribromophenol
 Concen: 136.031 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG037453.D
 Acq: 19 Oct 2018 14:39

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-SOIL-03-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	243856		
332	95.0	78.4	117.6	
141	38.7	32.2	48.2	

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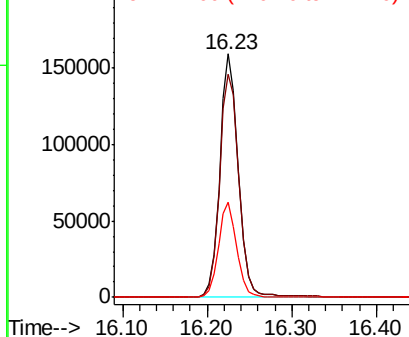


Abundance

Ion 329.80 (329.50 to 330.50): E

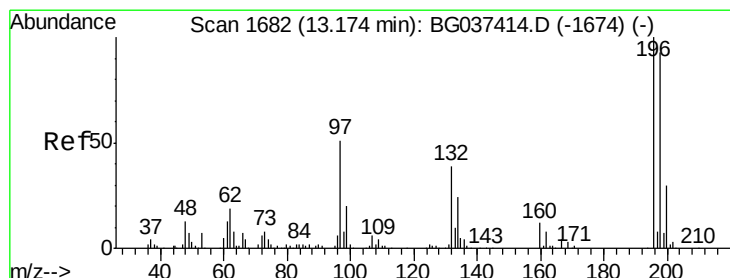
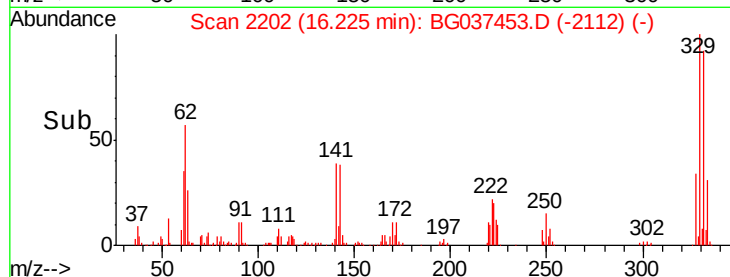
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



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#43
 2,4,6-Trichlorophenol
 Concen: 0.782 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037453.D
 Acq: 19 Oct 2018 14:39

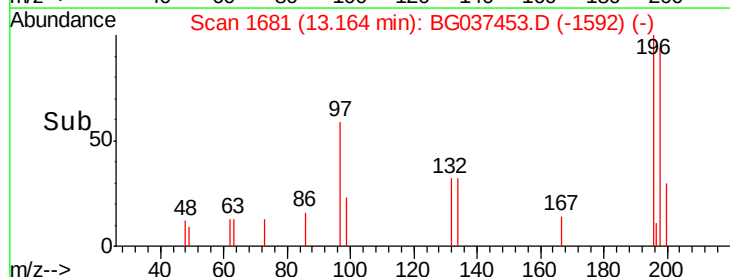
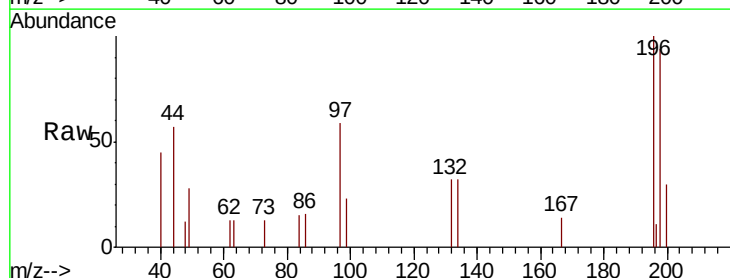
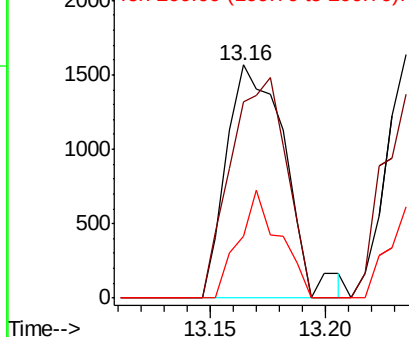
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	2768		
198	84.3	76.4	114.6	
200	26.5	24.9	37.3	

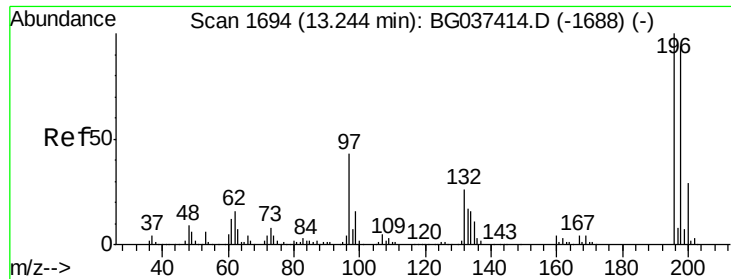
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





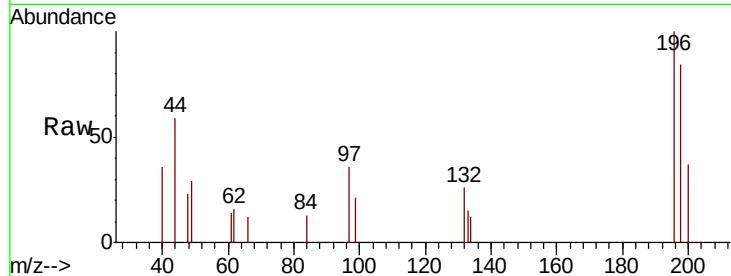
#44
2,4,5-Trichlorophenol
Concen: 0.744 ng
RT: 13.23 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

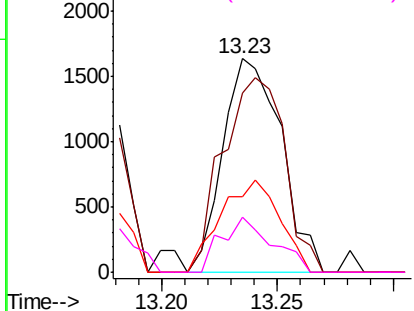
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	2869		
198	83.9	74.2	111.2	
97	35.6	34.1	51.1	
132	25.6	20.2	30.4	

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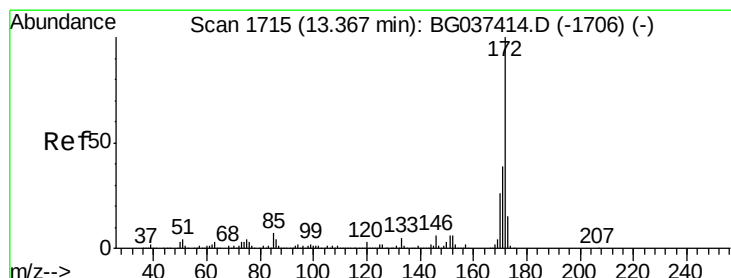
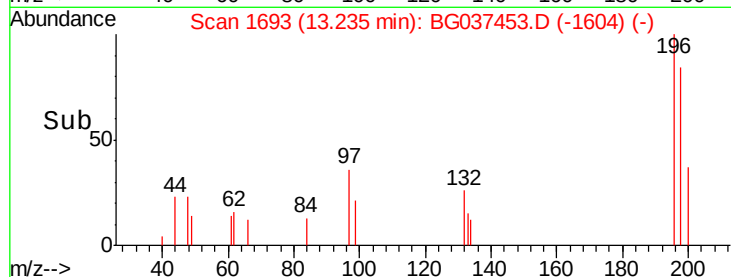


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGO
Ion 132.00 (131.70 to 132.70): E



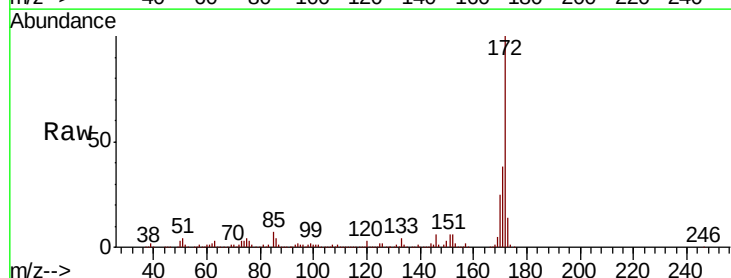
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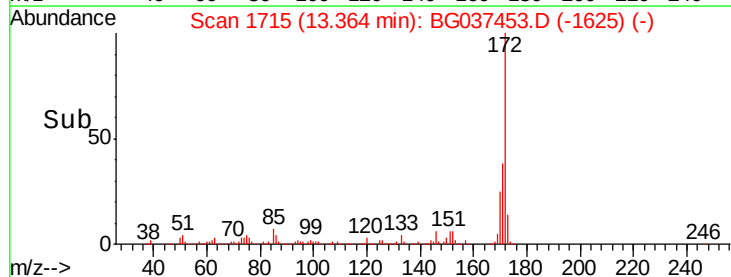
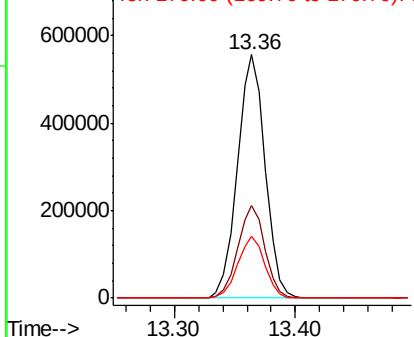


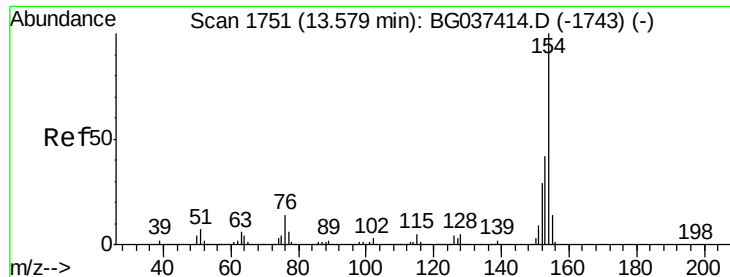
#45
2-Fluorobiphenyl
Concen: 81.271 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	885819		
171	38.2	31.0	46.4	
170	25.5	20.2	30.2	



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





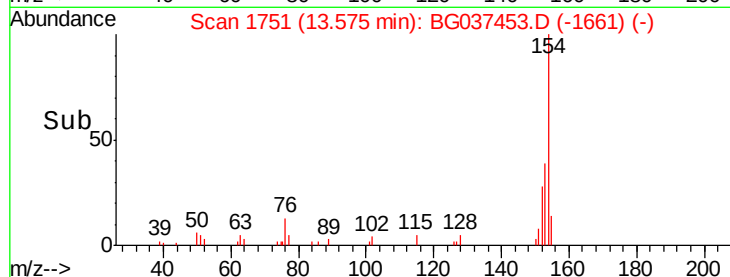
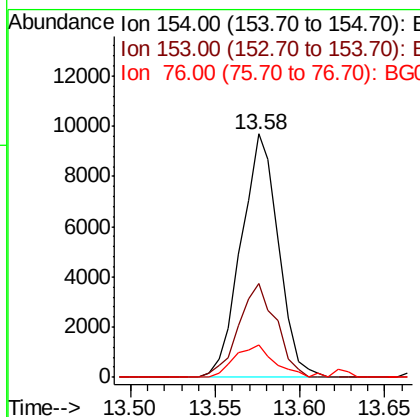
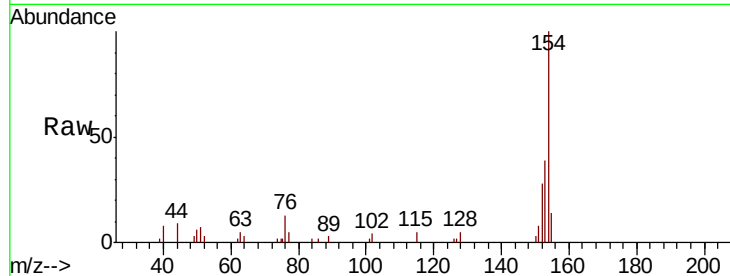
#46
 1,1'-Biphenyl
 Concen: 1.091 ng
 RT: 13.58 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: BG037453.D
 Acq: 19 Oct 2018 14:39

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-SOIL-03-QT4-2018

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	38.6	22.1	62.1
76	13.4	0.0	33.2

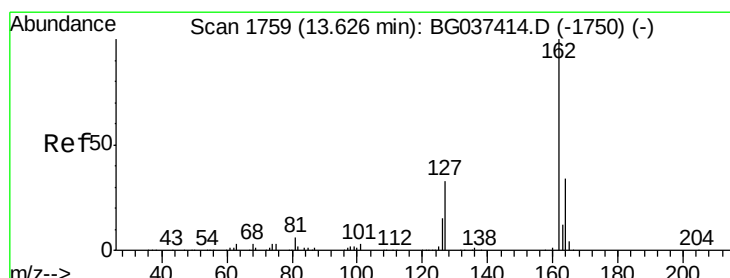
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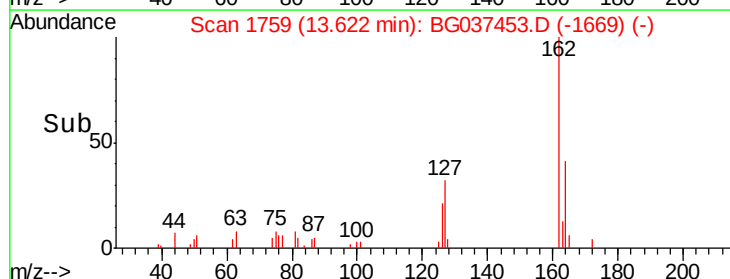
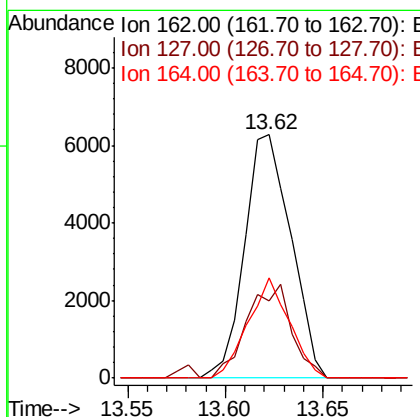
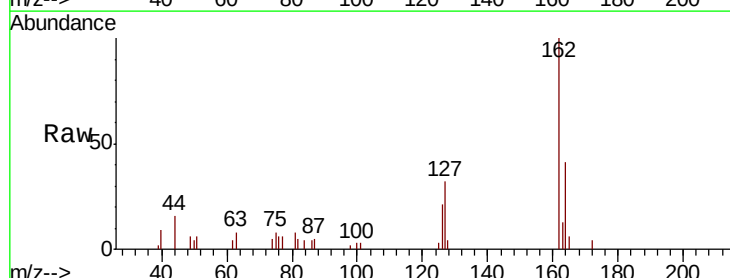
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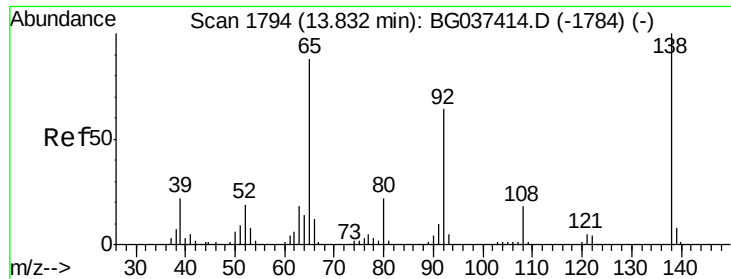
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#47
 2-Chloronaphthalene
 Concen: 1.001 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG037453.D
 Acq: 19 Oct 2018 14:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	31.5	30.5	45.7
164	40.9	26.4	39.6#





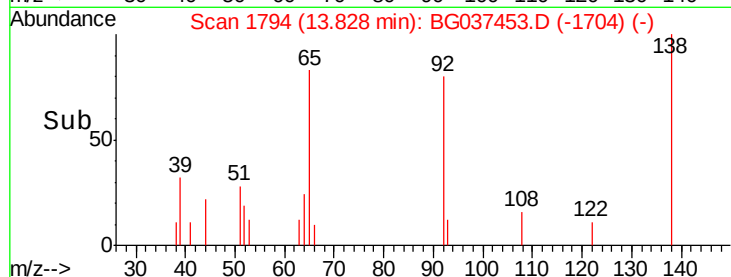
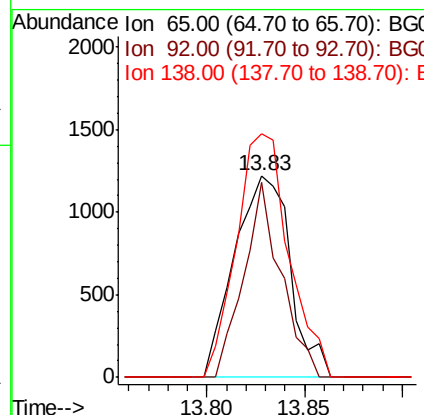
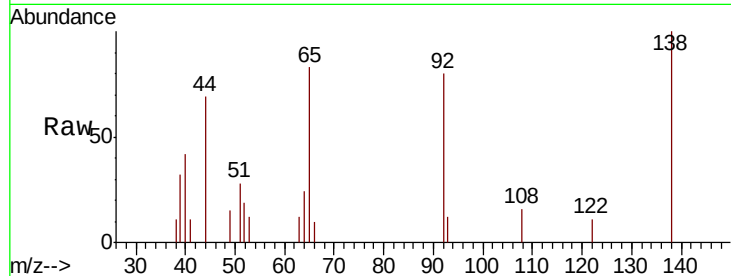
#48
2-Nitroaniline
Concen: 0.775 ng
RT: 13.83 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Tgt Ion: 65 Resp: 2419
Ion Ratio Lower Upper
65 100
92 96.9 53.2 79.8#
138 120.9 79.3 118.9#

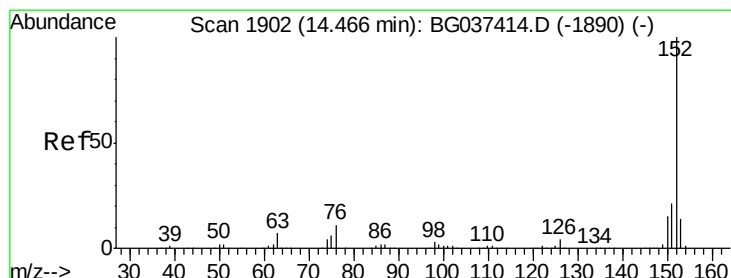
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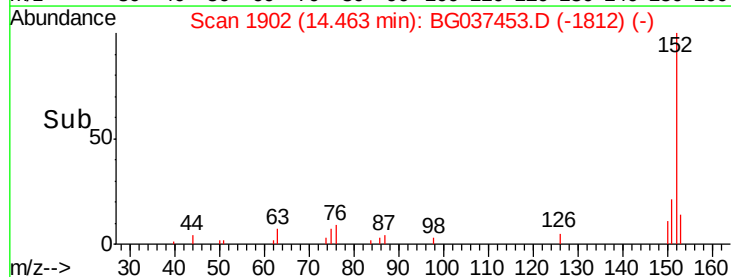
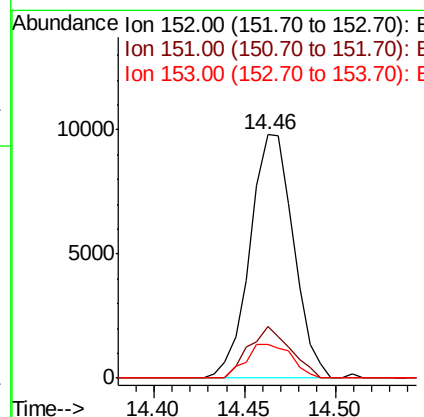
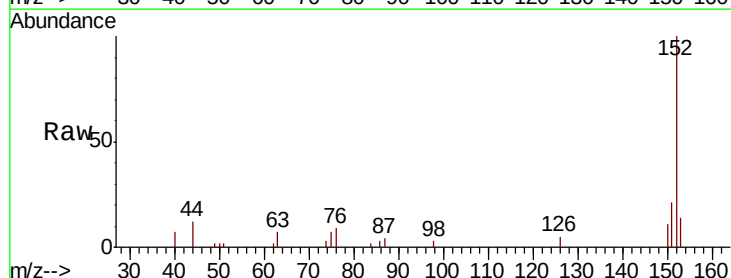
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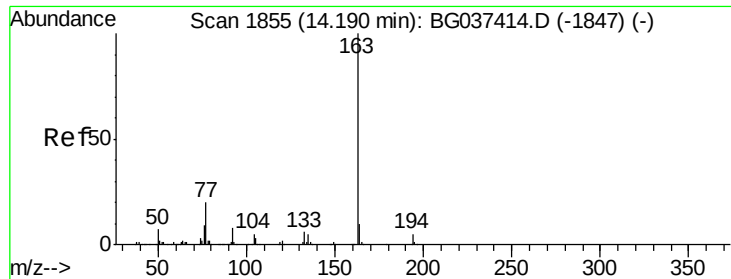
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#49
Acenaphthylene
Concen: 1.052 ng
RT: 14.46 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Tgt Ion: 152 Resp: 16303
Ion Ratio Lower Upper
152 100
151 21.2 17.1 25.7
153 13.7 11.1 16.7





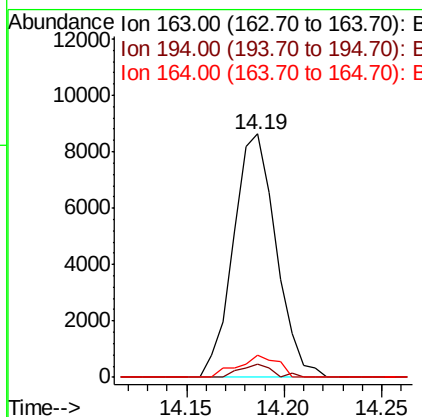
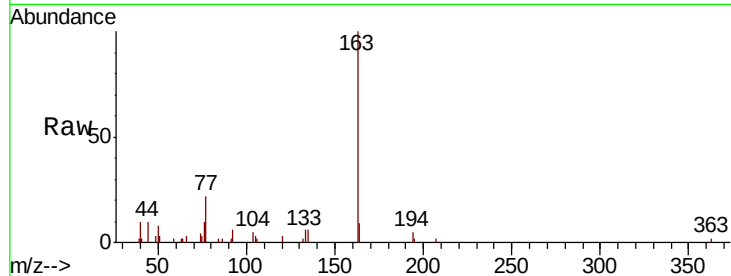
#50
Dimethylphthalate
Concen: 1.027 ng
RT: 14.19 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	13053		
194	5.2	3.5	5.3	
164	9.1	8.5	12.7	

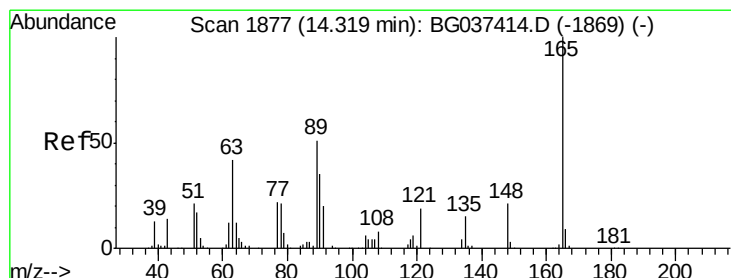
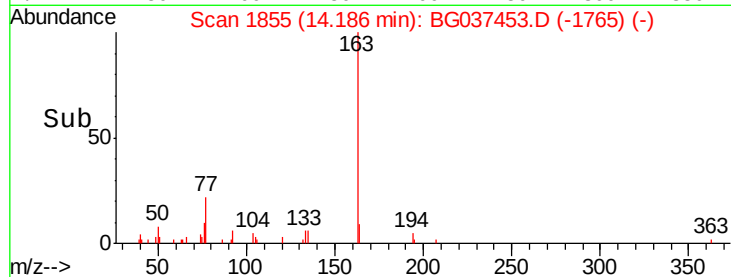
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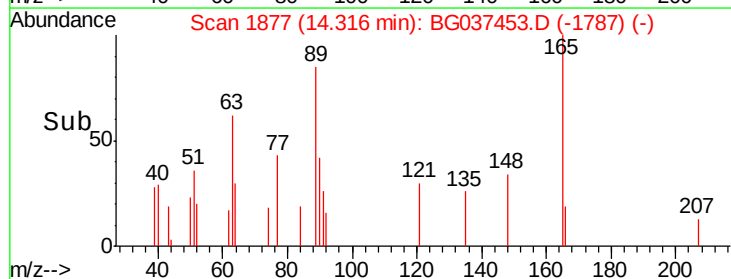
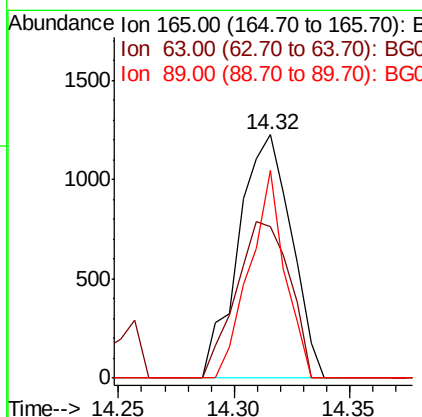
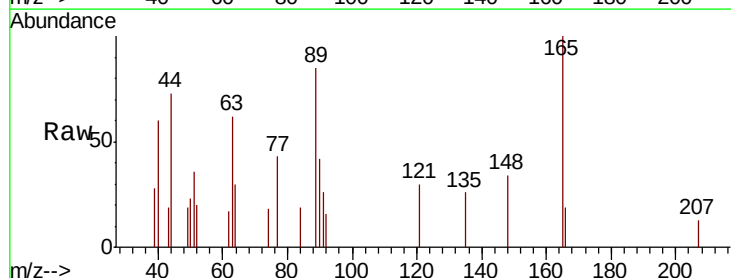
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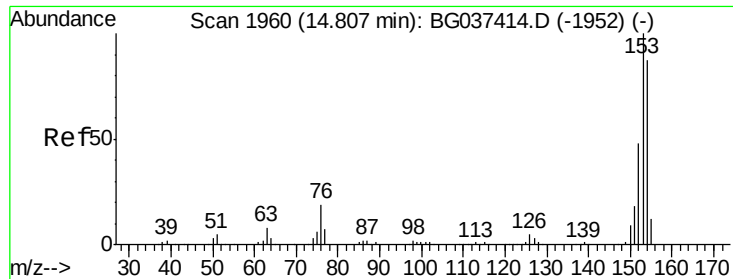
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#51
2,6-Dinitrotoluene
Concen: 0.693 ng
RT: 14.32 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	1950		
63	62.4	43.4	65.2	
89	85.3	45.8	68.6	





#52

Acenaphthene

Concen: 1.034 ng

RT: 14.80 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG037453.D

Acq: 19 Oct 2018 14:39

Instrument :

BNA_G

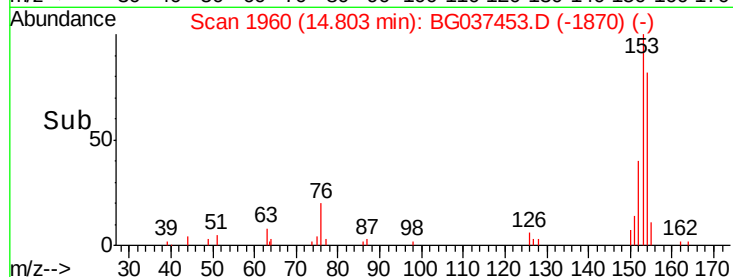
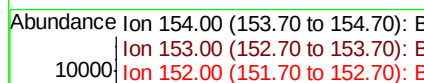
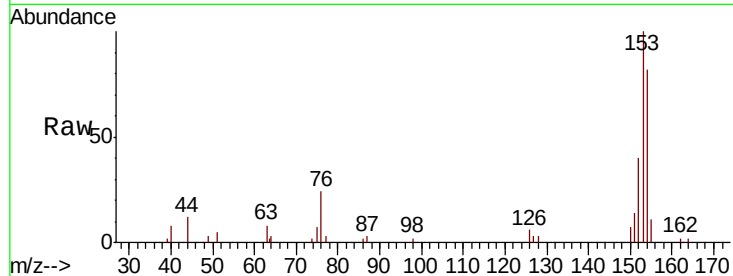
ClientSampleId :

MDL-MDL-SOIL-03-QT4-2018

Tgt Ion:	154	Resp:	9865
Ion Ratio	Lower	Upper	
154	100		
153	121.3	93.4	140.0
152	48.0	44.7	67.1

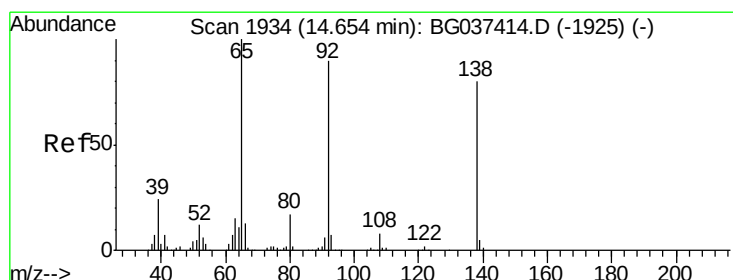
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#53

3-Nitroaniline

Concen: 0.621 ng

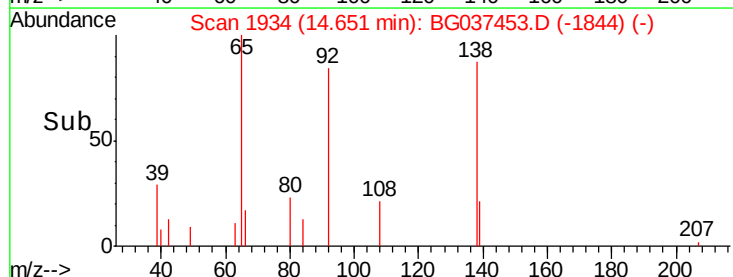
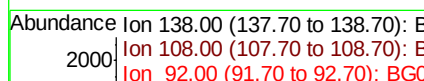
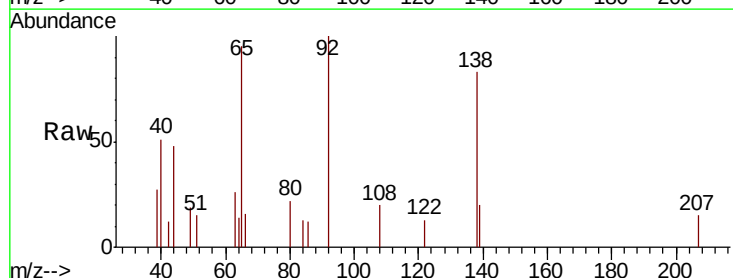
RT: 14.65 min Scan# 1934

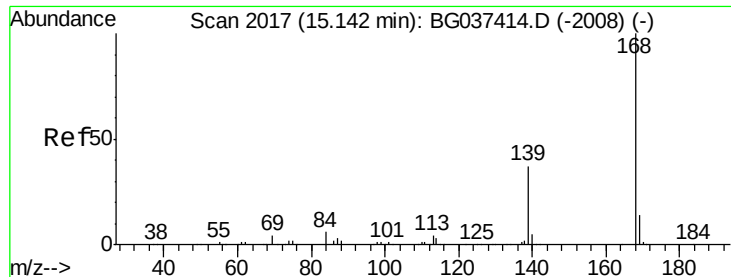
Delta R.T. -0.00 min

Lab File: BG037453.D

Acq: 19 Oct 2018 14:39

Tgt Ion:	138	Resp:	1938
Ion Ratio	Lower	Upper	
138	100		
108	23.8	11.0	16.6#
92	120.7	95.2	142.8





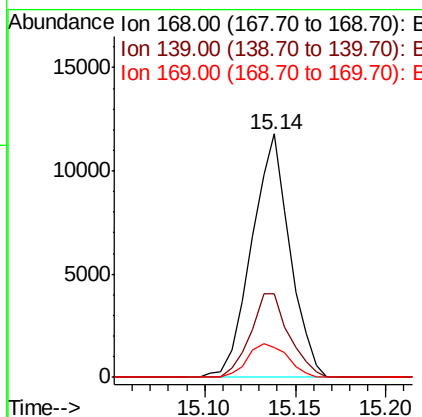
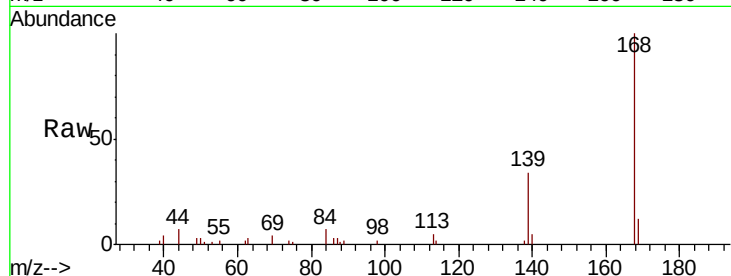
#55
Dibenzenofuran
Concen: 1.087 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	17189		
139	34.3	29.4	44.0	
169	12.2	11.0	16.6	

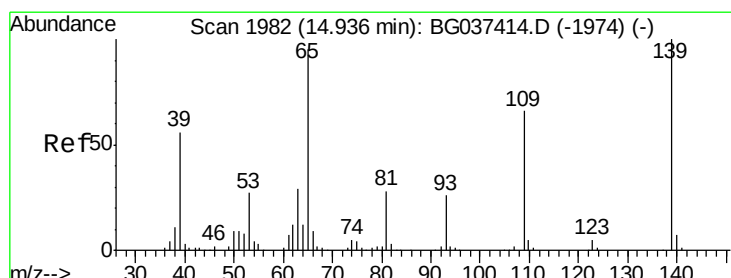
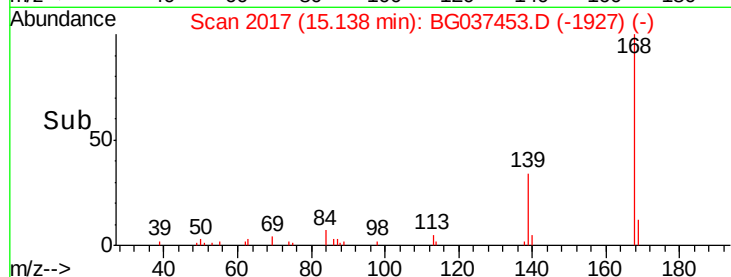
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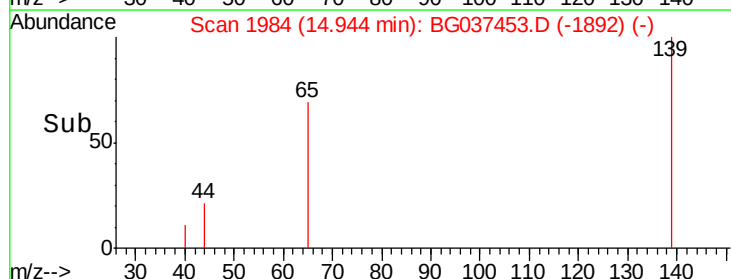
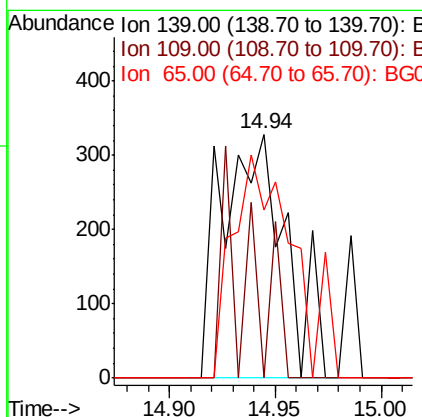
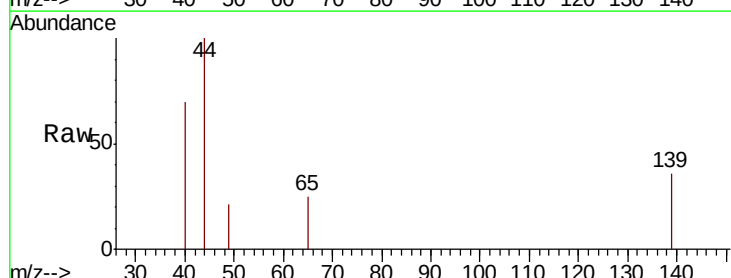
Sohil

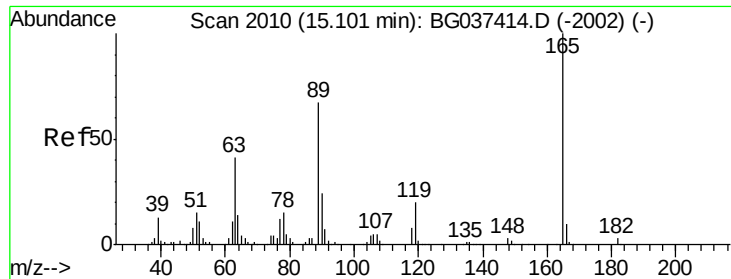
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#56
4-Nitrophenol
Concen: 0.301 ng
RT: 14.94 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	696		
109	0.0	49.5	89.5#	
65	68.9	76.8	116.8#	





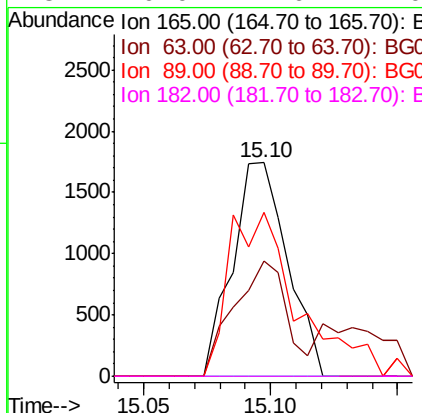
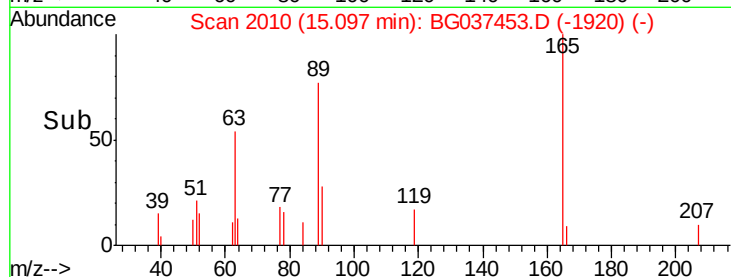
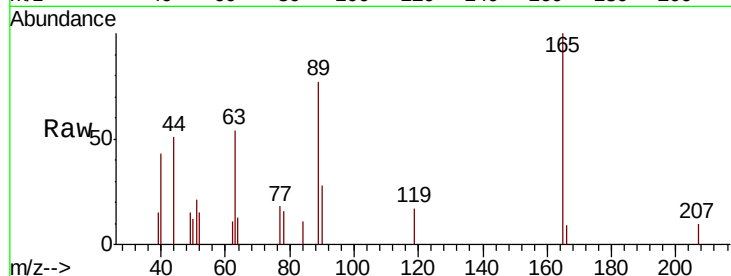
#57
2,4-Dinitrotoluene
Concen: 0.713 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	2633		
63	54.1	33.4	50.0#	
89	76.8	57.2	85.8	
182	0.0	2.6	4.0#	

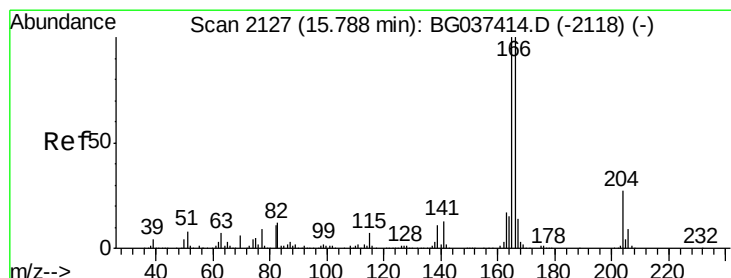
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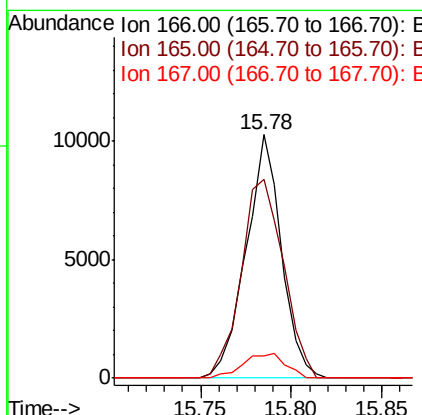
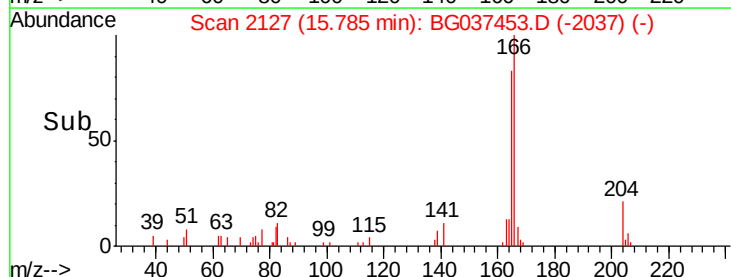
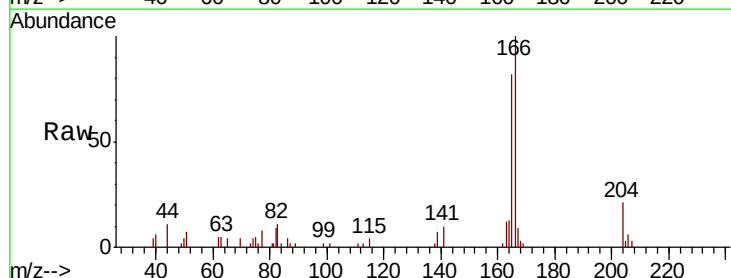
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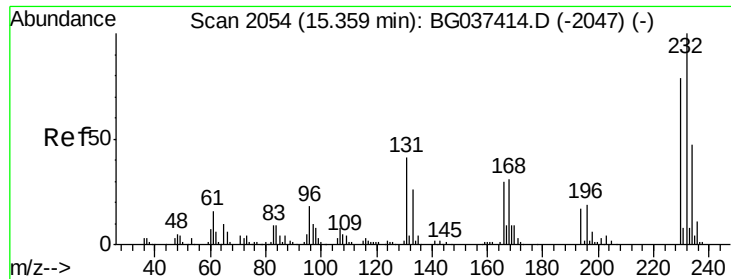
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#58
Fluorene
Concen: 1.176 ng
RT: 15.78 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	13919		
165	81.7	79.0	118.6	
167	9.2	11.3	16.9#	





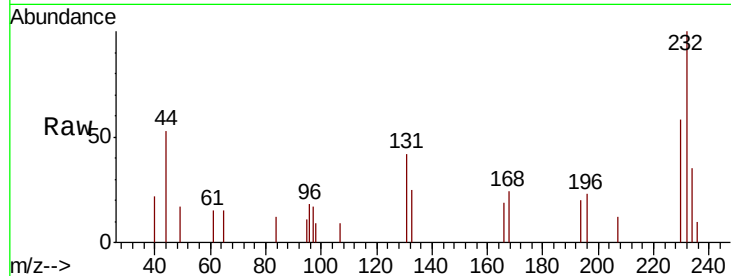
#59
2,3,4,6-Tetrachlorophenol
Concen: 0.687 ng
RT: 15.35 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.3	33.7	50.5
130	0.0	2.1	3.1
166	25.0	24.6	36.8

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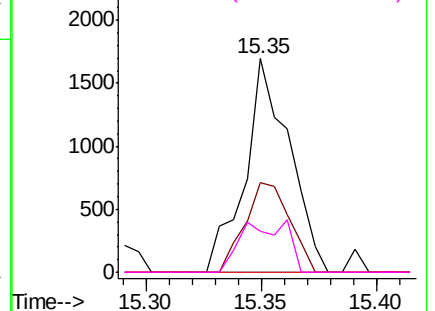
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

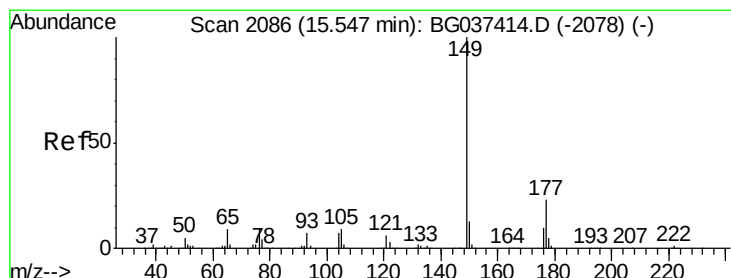
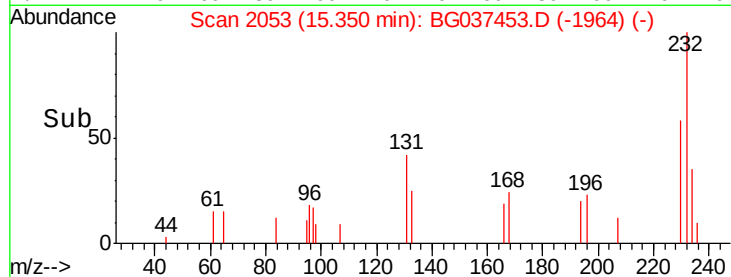
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



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#60
Diethylphthalate
Concen: 0.963 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

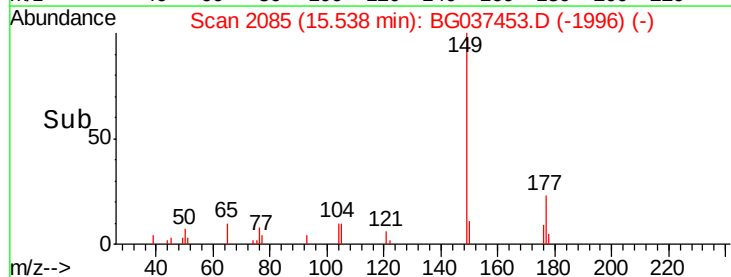
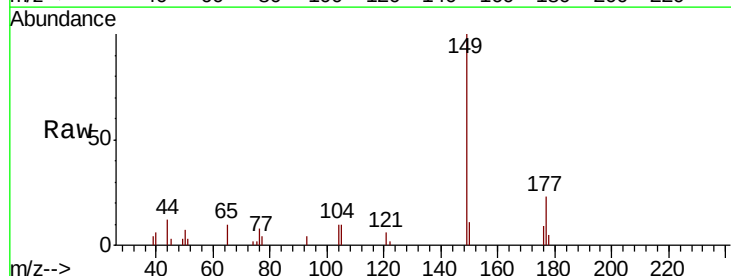
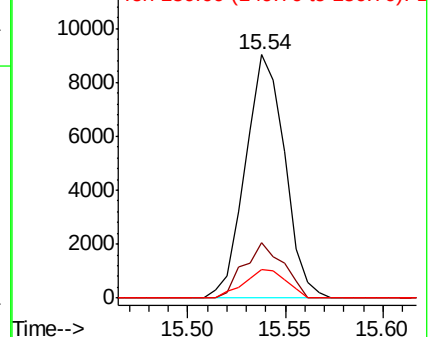
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.3	27.5
150	11.5	10.0	15.0

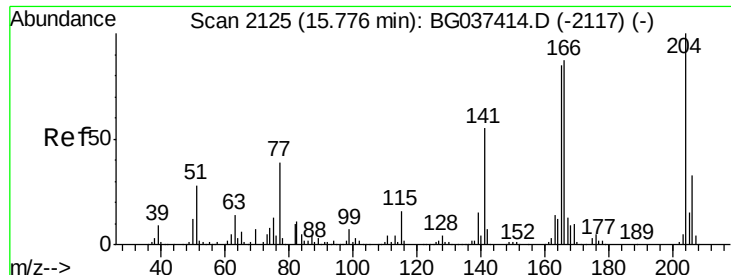
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





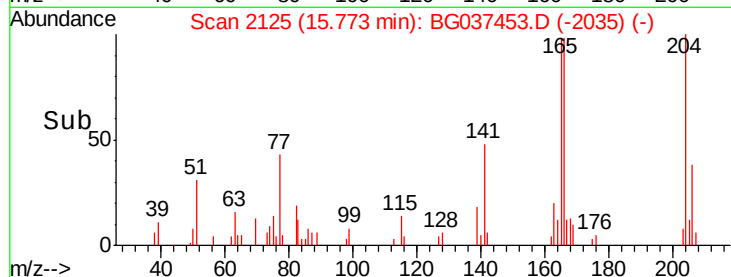
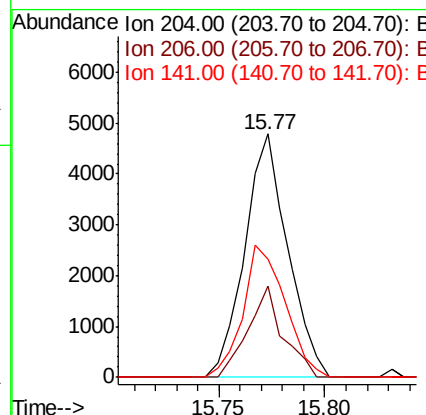
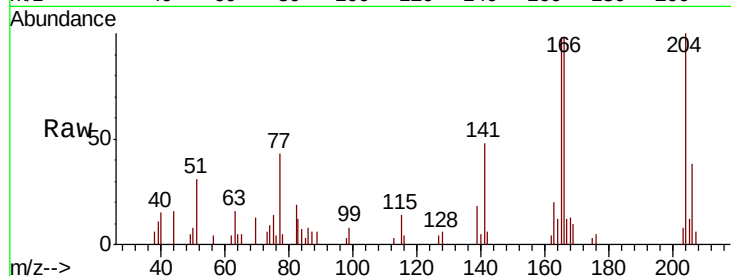
#61
 4-Chlorophenyl-phenylether
 Concen: 0.980 ng
 RT: 15.77 min Scan# 2125
 Delta R.T. -0.00 min
 Lab File: BG037453.D
 Acq: 19 Oct 2018 14:39

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-SOIL-03-QT4-2018

Tgt Ion:204 Resp: 6763
 Ion Ratio Lower Upper
 204 100
 206 37.6 26.6 39.8
 141 48.3 45.4 68.2

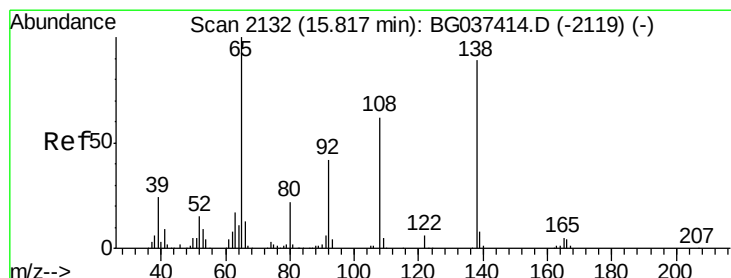
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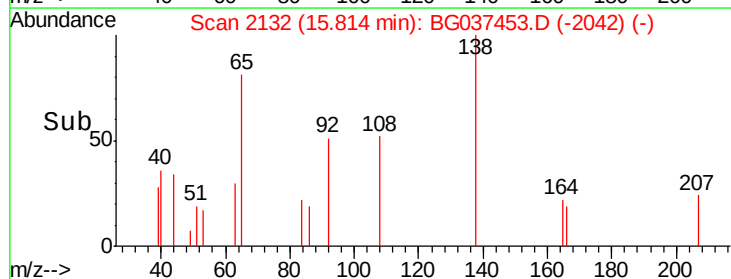
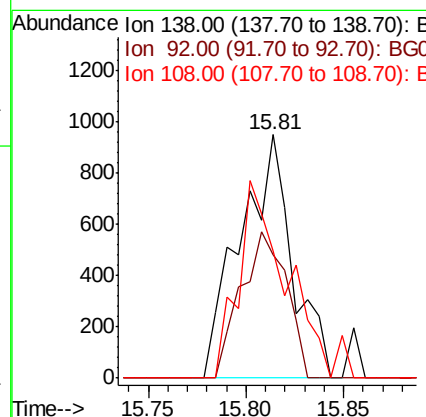
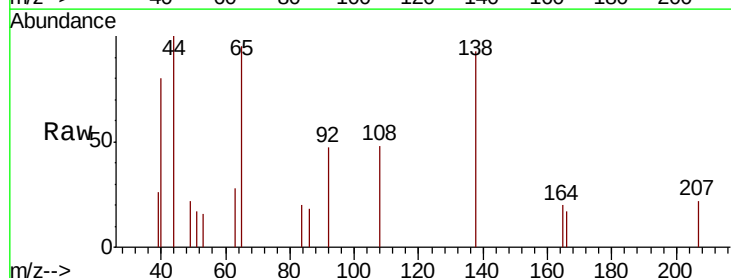
Sohil

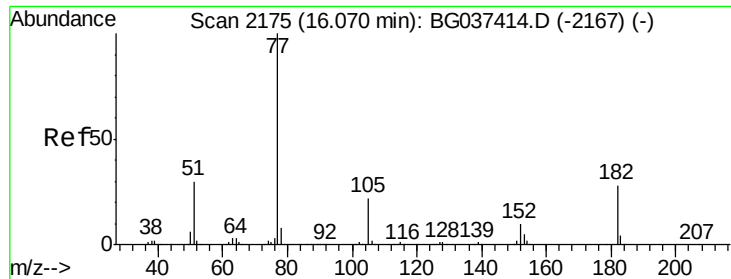
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#62
 4-Nitroaniline
 Concen: 0.569 ng
 RT: 15.81 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG037453.D
 Acq: 19 Oct 2018 14:39

Tgt Ion:138 Resp: 1765
 Ion Ratio Lower Upper
 138 100
 92 50.7 36.4 76.4
 108 52.2 60.1 100.1#





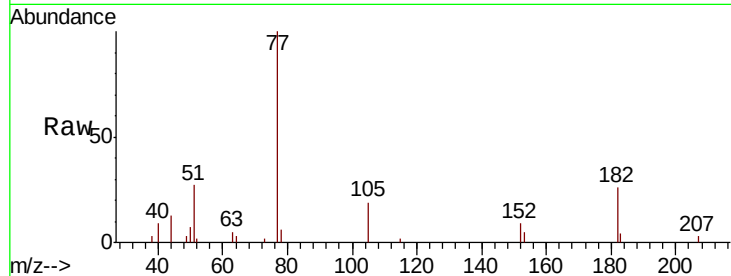
#63
Azobenzene
Concen: 0.988 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

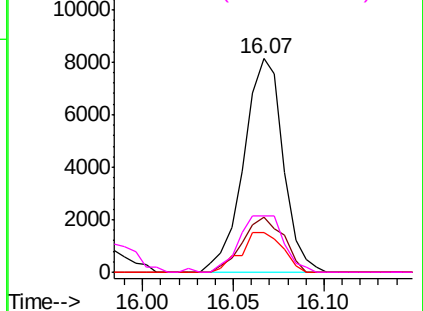
Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.7	8.0	48.0	
105	18.8	1.3	41.3	
51	26.6	10.7	50.7	

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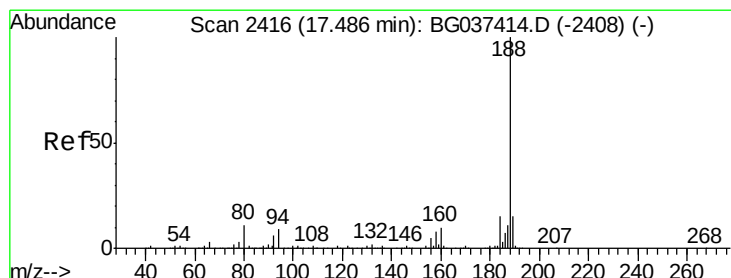
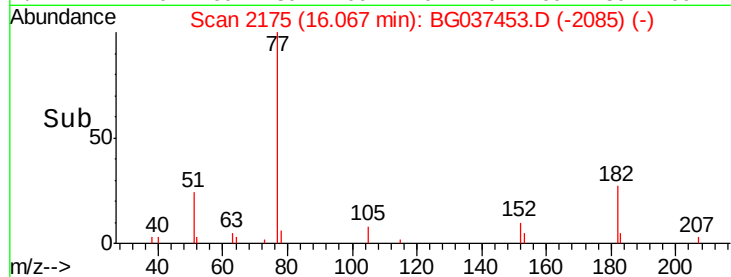


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



Sohil

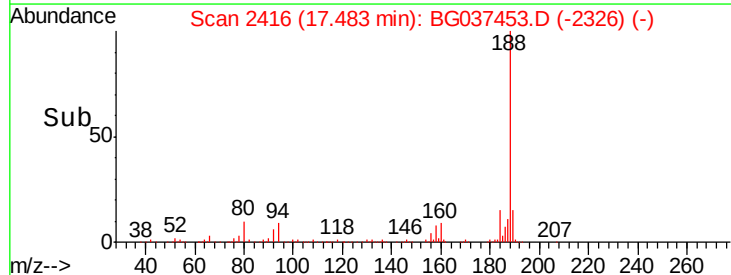
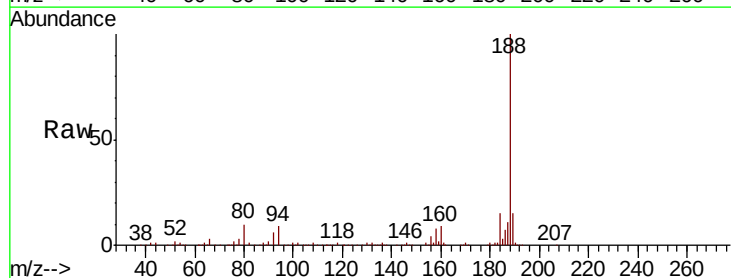
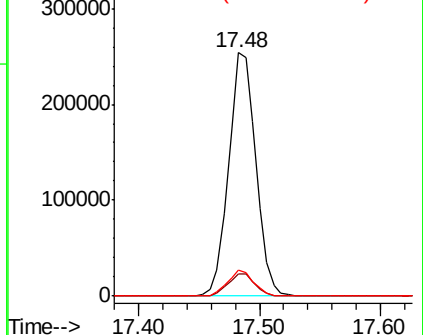
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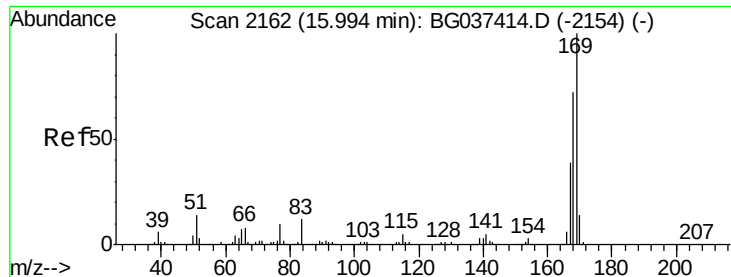


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	7.2	10.8	
80	10.4	7.7	11.5	

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





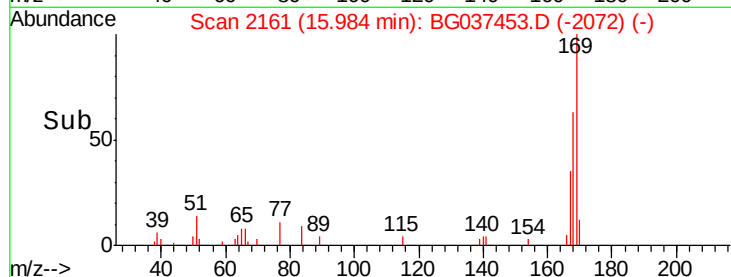
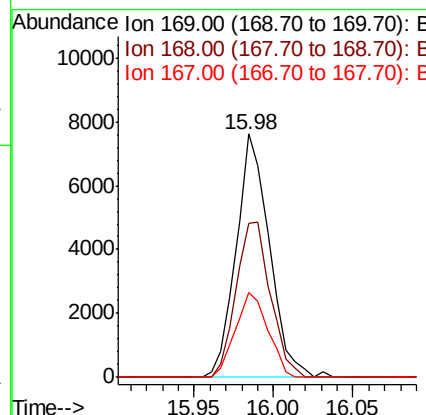
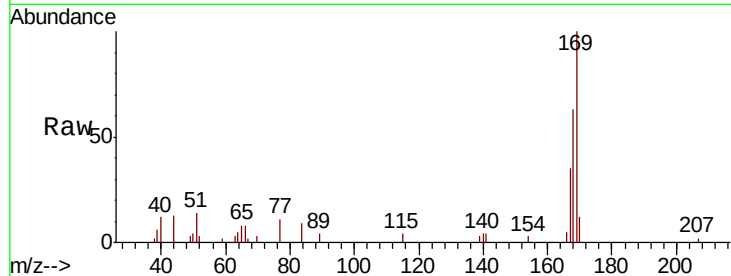
#66
 n-Nitrosodiphenylamine
 Concen: 0.924 ng
 RT: 15.98 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG037453.D
 Acq: 19 Oct 2018 14:39

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-SOIL-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.0	55.7	83.5
167	34.9	31.3	46.9

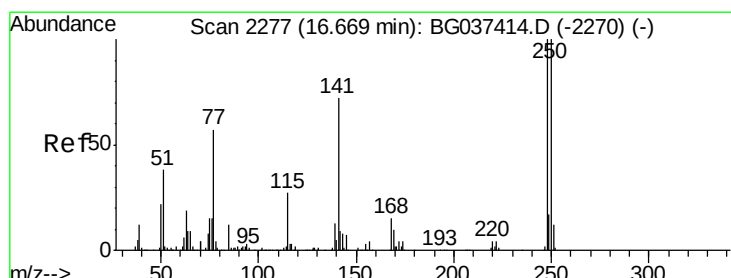
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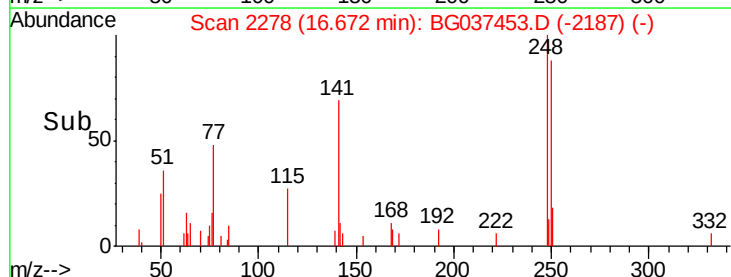
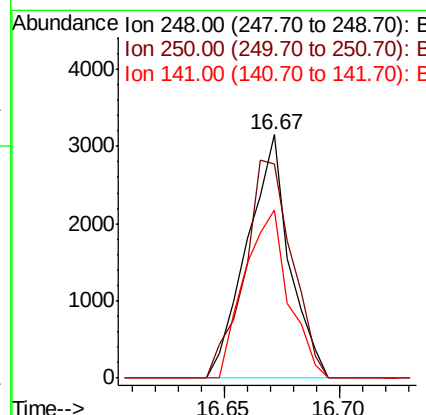
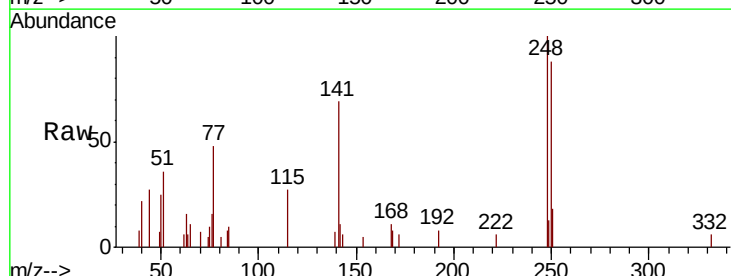
Sohil

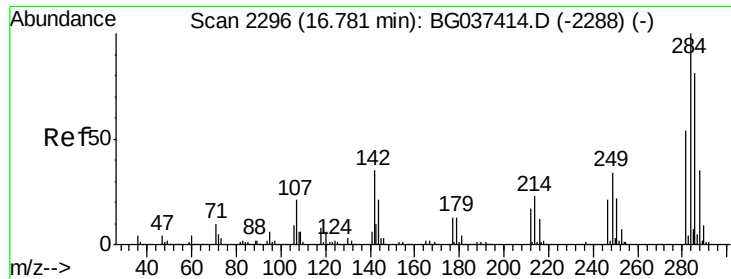
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#67
 4-Bromophenyl-phenylether
 Concen: 0.920 ng
 RT: 16.67 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BG037453.D
 Acq: 19 Oct 2018 14:39

Tgt Ion	Ratio	Lower	Upper
248	100		
250	87.8	77.0	115.6
141	69.2	55.5	83.3





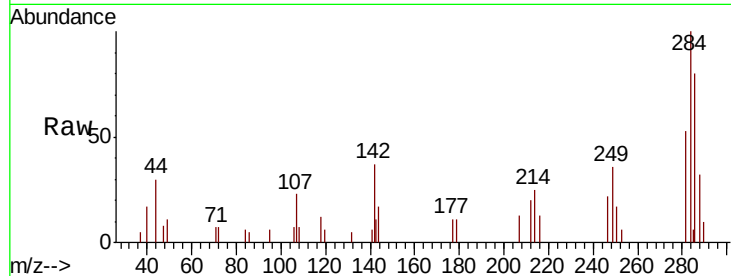
#68
Hexachlorobenzene
Concen: 0.975 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

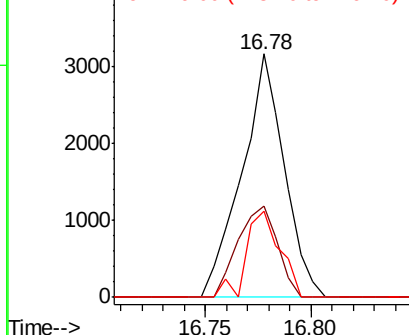
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	4420		
142	37.4	28.1	42.1	
249	35.7	29.8	44.8	

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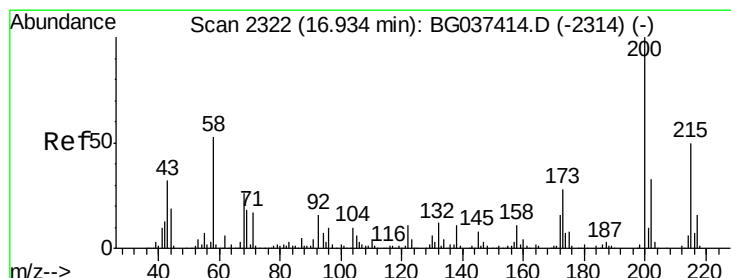
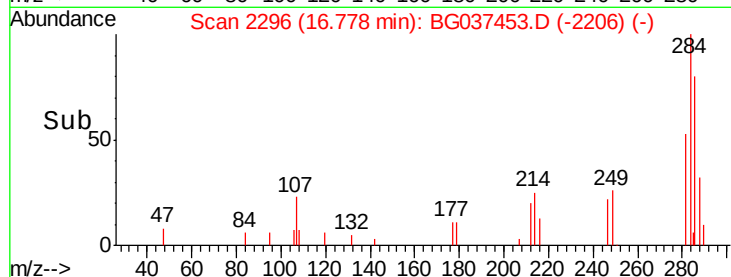


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



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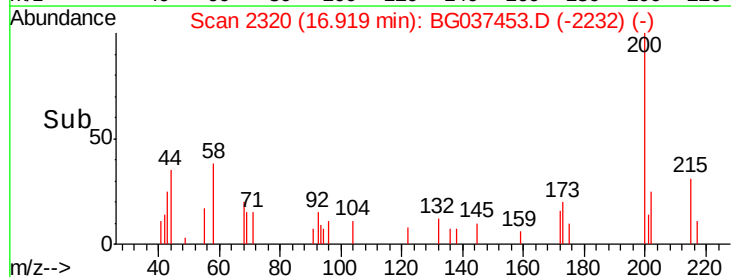
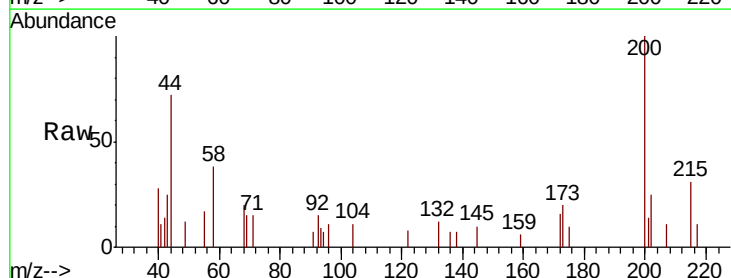
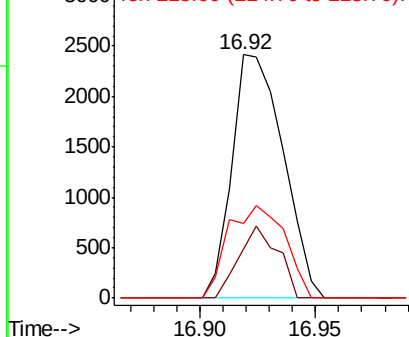
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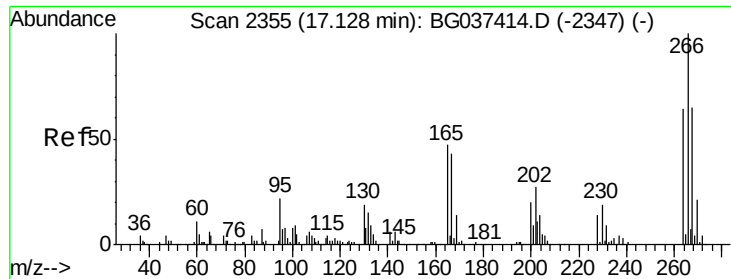


#69
Atrazine
Concen: 0.861 ng
RT: 16.92 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	3729		
173	20.3	6.1	46.1	
215	30.8	30.8	70.8	

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





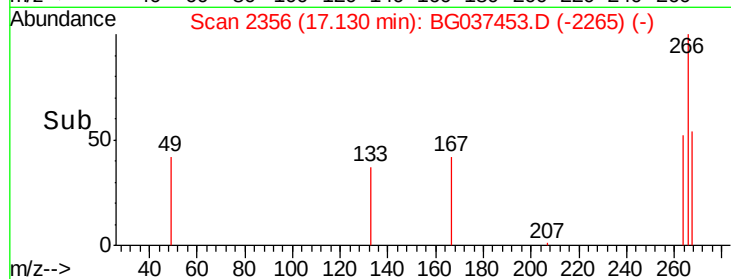
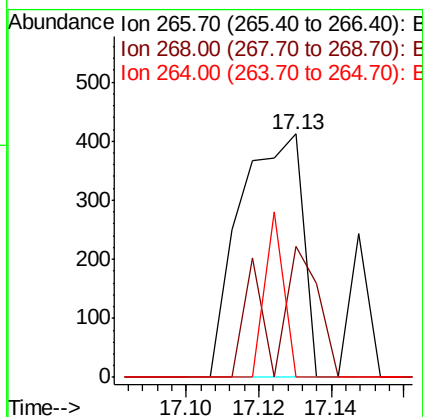
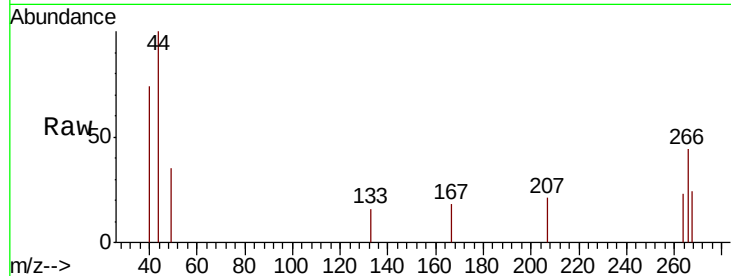
#70
 Pentachlorophenol
 Concen: 0.163 ng
 RT: 17.13 min Scan# 2356
 Delta R.T. 0.00 min
 Lab File: BG037453.D
 Acq: 19 Oct 2018 14:39

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-SOIL-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
266	100		
268	53.6	55.0	82.6#
264	0.0	58.9	88.3#

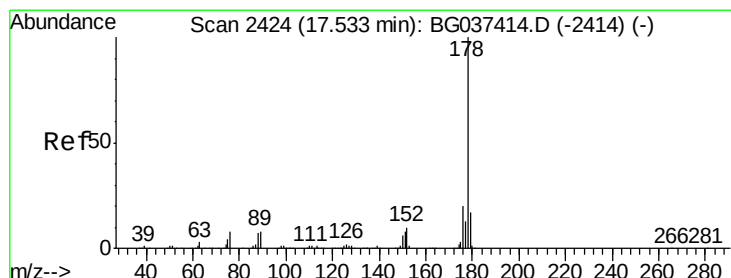
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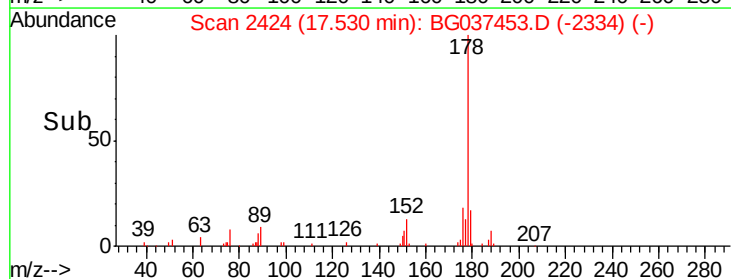
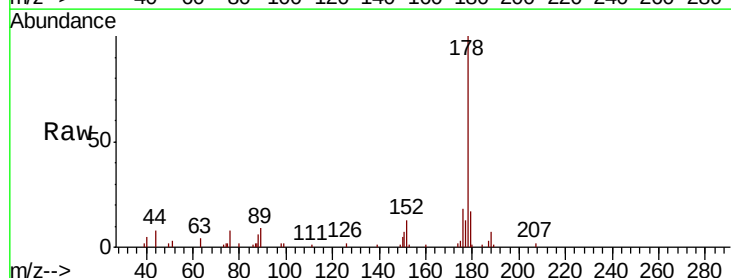
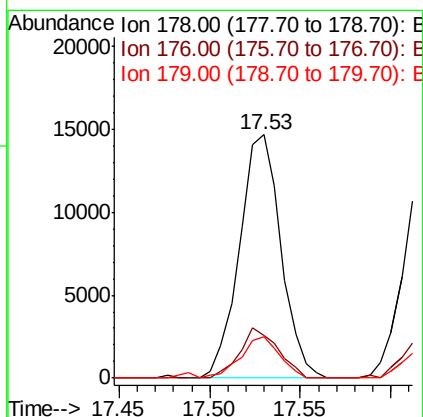
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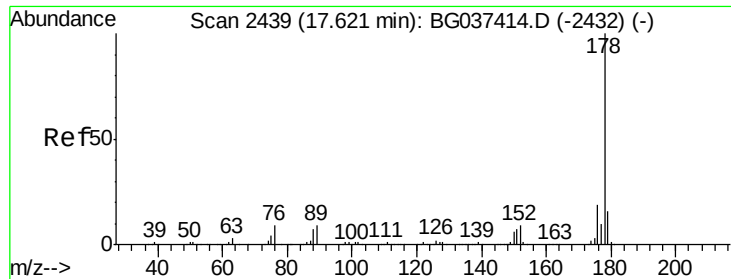
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#71
 Phenanthrene
 Concen: 1.151 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BG037453.D
 Acq: 19 Oct 2018 14:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	16.1	24.1
179	17.0	13.0	19.4





#72

Anthracene

Concen: 1.137 ng m

RT: 17.62 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG037453.D

Acq: 19 Oct 2018 14:39

Instrument :

BNA_G

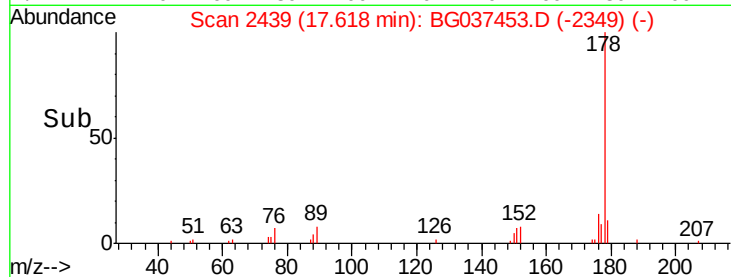
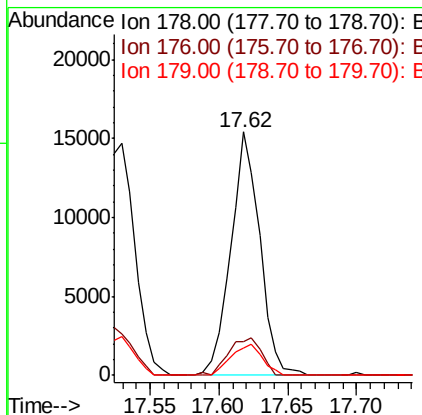
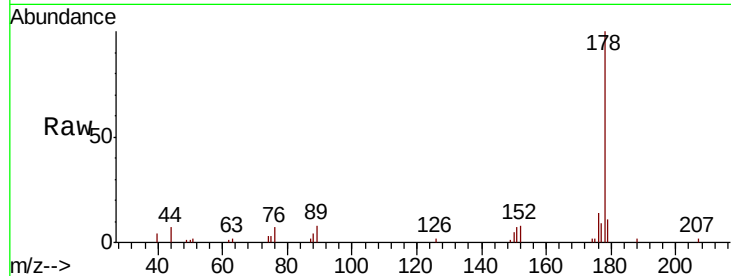
ClientSampleId :

MDL-MDL-SOIL-03-QT4-2018

Tgt Ion:	178	Resp:	22581
Ion Ratio	Lower	Upper	
178	100		
176	14.0	15.0	22.4#
179	11.5	12.8	19.2#

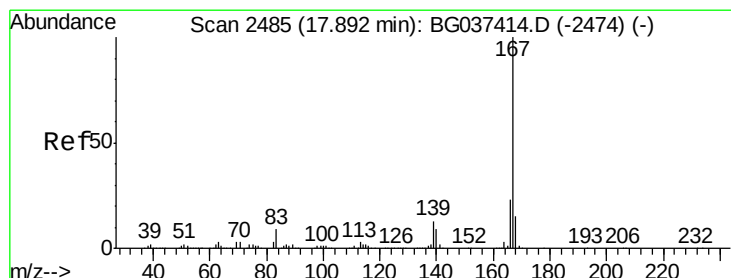
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#73

Carbazole

Concen: 0.886 ng

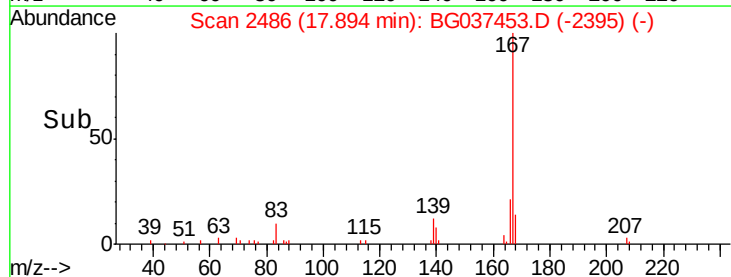
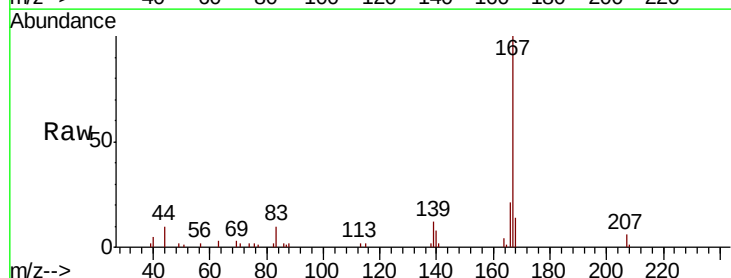
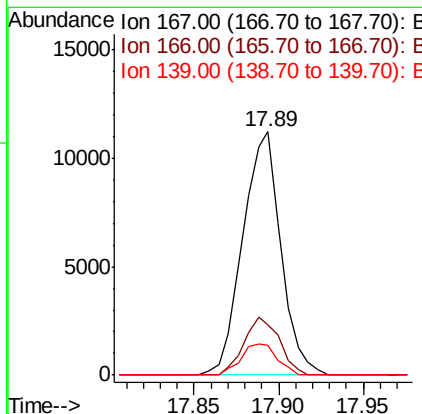
RT: 17.89 min Scan# 2486

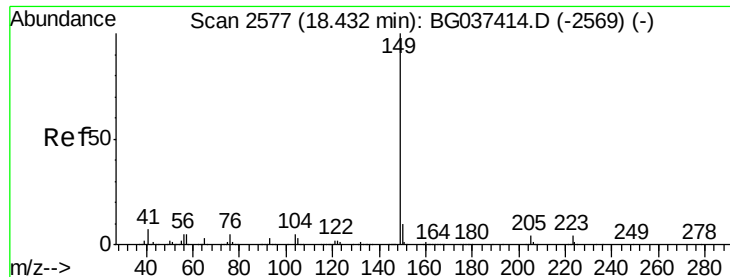
Delta R.T. 0.00 min

Lab File: BG037453.D

Acq: 19 Oct 2018 14:39

Tgt Ion:	167	Resp:	17615
Ion Ratio	Lower	Upper	
167	100		
166	20.9	18.3	27.5
139	12.4	10.5	15.7





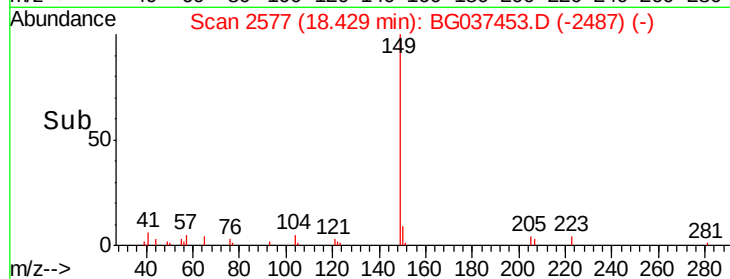
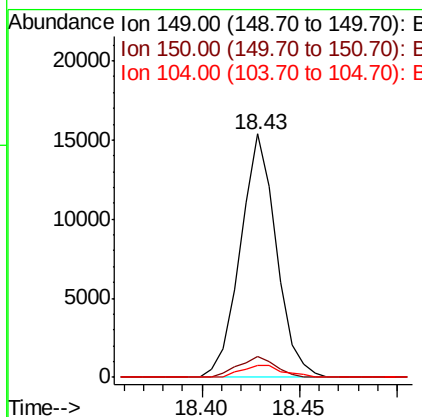
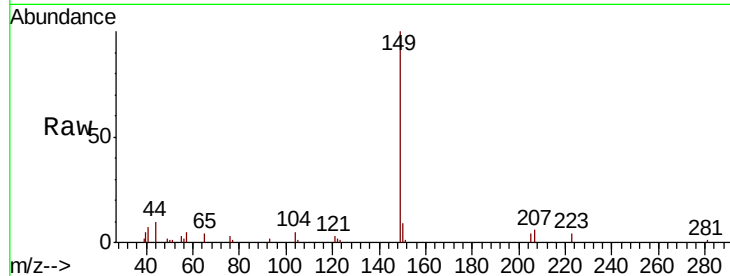
#74
Di-n-butylphthalate
Concen: 0.884 ng
RT: 18.43 min Scan# 2577
Delta R.T. -0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	19548		
150	8.6	8.2	12.2	
104	4.8	4.0	6.0	

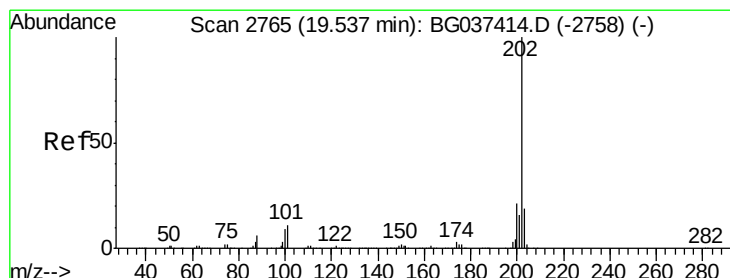
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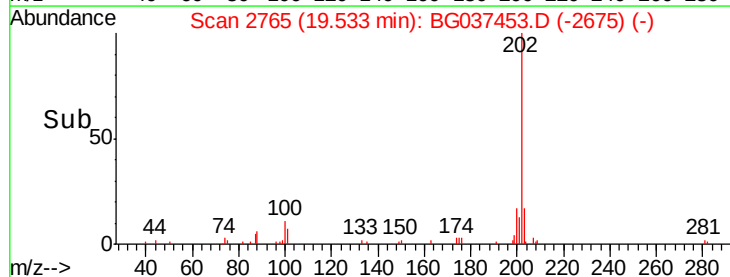
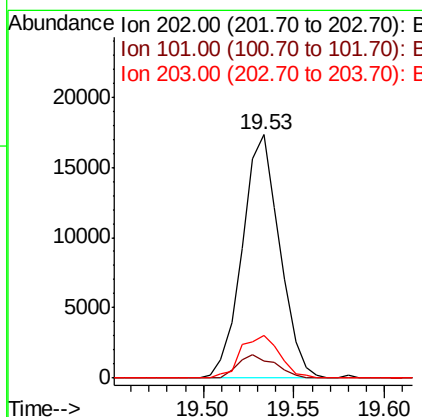
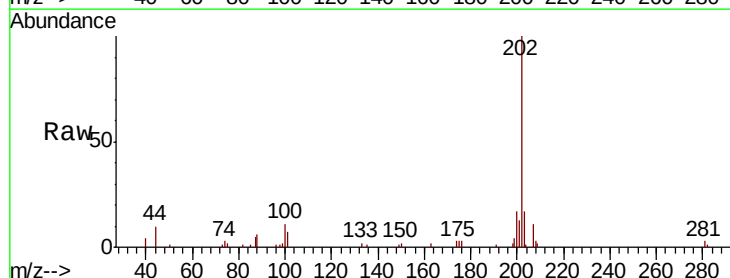
Sohil

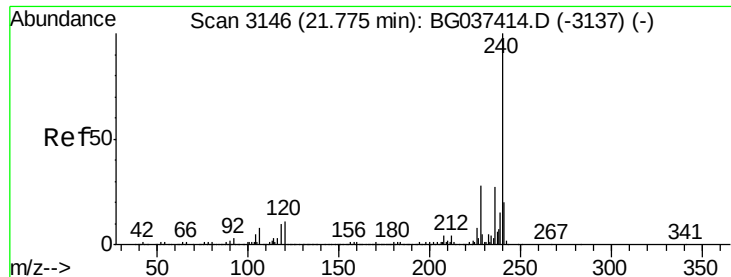
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#75
Fluoranthene
Concen: 1.080 ng
RT: 19.53 min Scan# 2765
Delta R.T. -0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	24807		
101	7.0	0.0	30.7	
203	17.3	0.0	38.5	





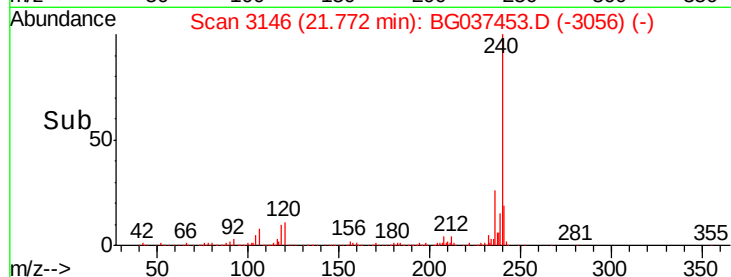
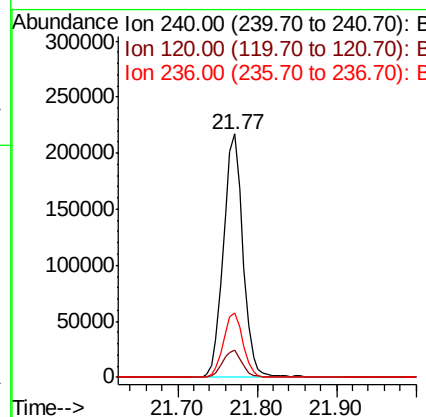
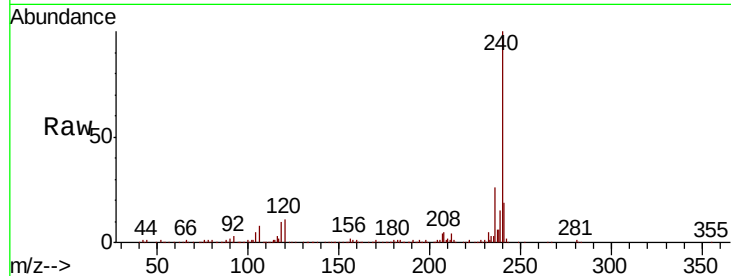
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.1	12.1
236	26.4	21.4	32.0

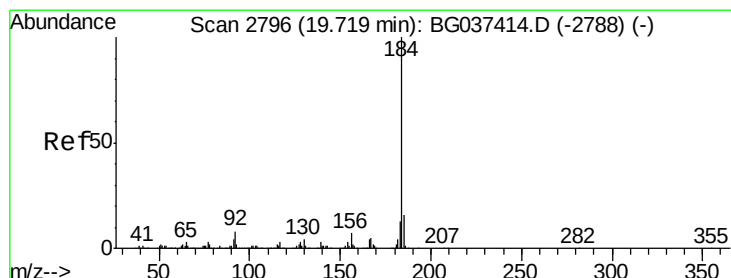
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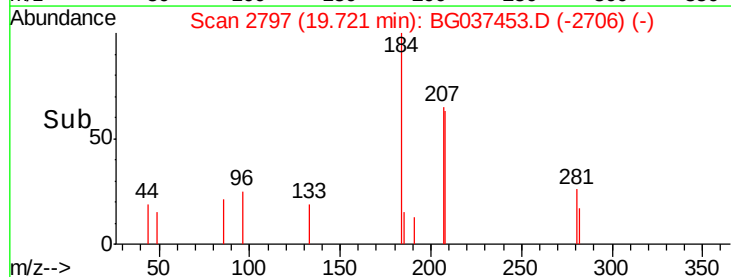
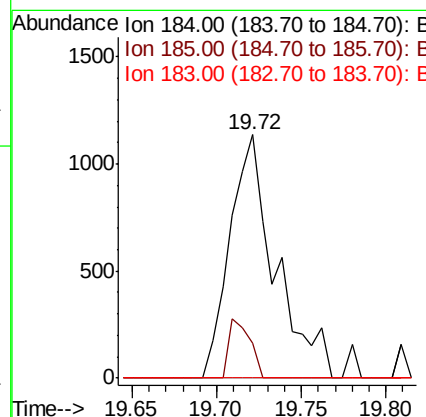
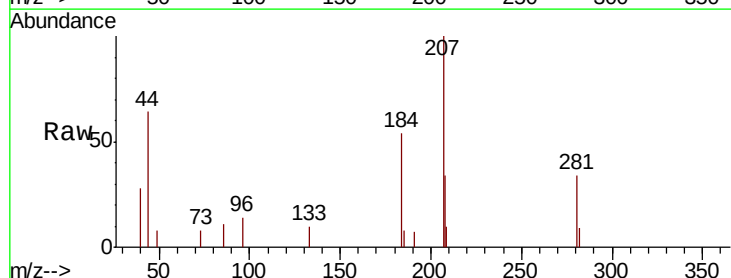
Sohil

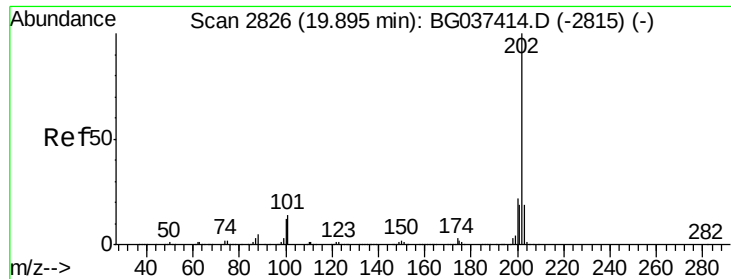
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#77
Benzidine
Concen: 0.168 ng
RT: 19.72 min Scan# 2797
Delta R.T. 0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	18.8
183	0.0	10.2	15.2#





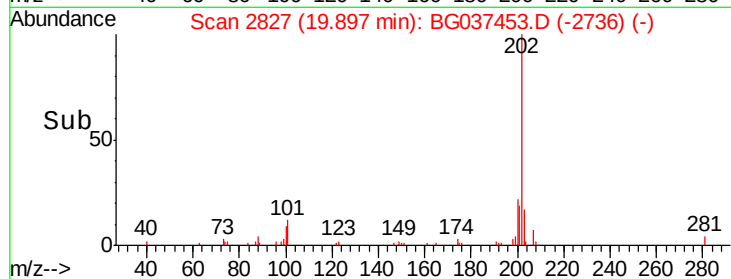
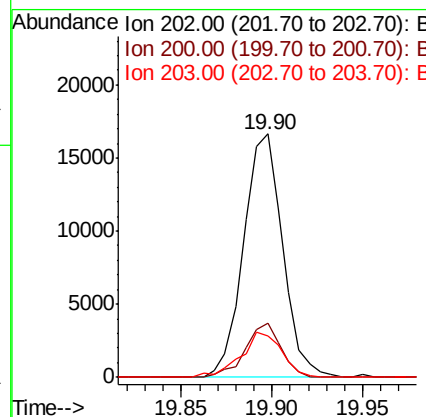
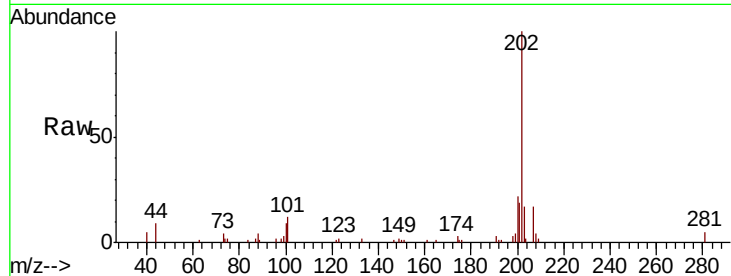
#78
 Pyrene
 Concen: 1.033 ng
 RT: 19.90 min Scan# 2827
 Delta R.T. 0.00 min
 Lab File: BG037453.D
 Acq: 19 Oct 2018 14:39

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-SOIL-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.8	26.6
203	17.3	15.2	22.8

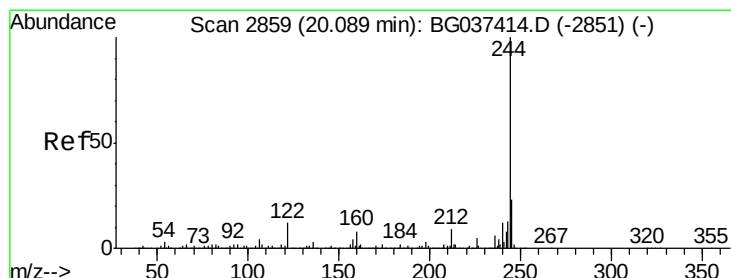
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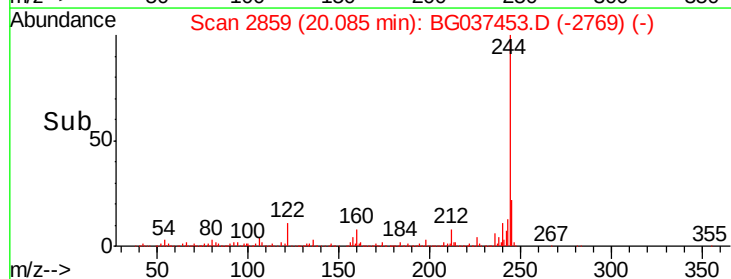
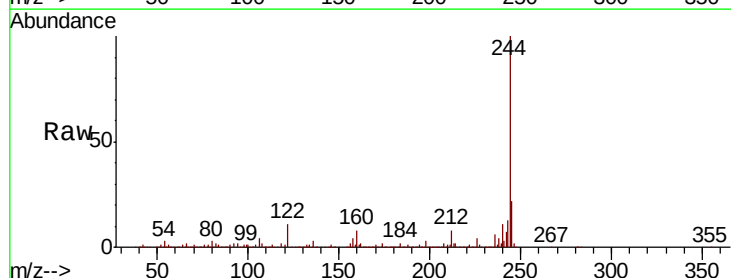
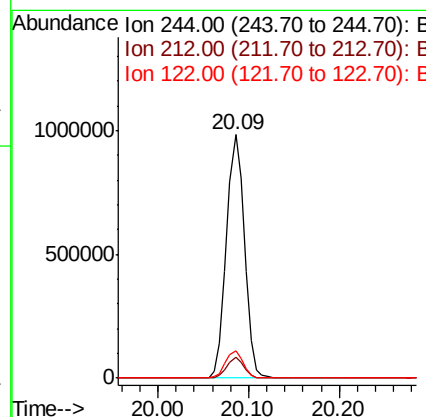
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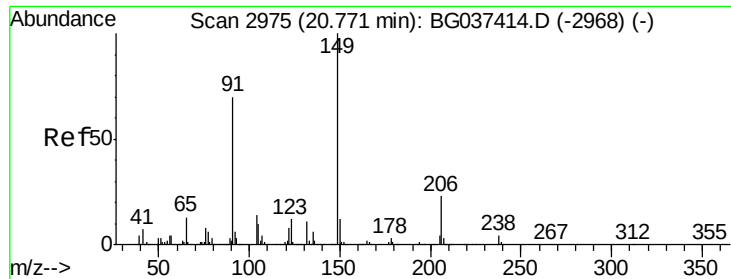
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#79
 Terphenyl-d14
 Concen: 78.192 ng
 RT: 20.09 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BG037453.D
 Acq: 19 Oct 2018 14:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.2	9.0	13.4





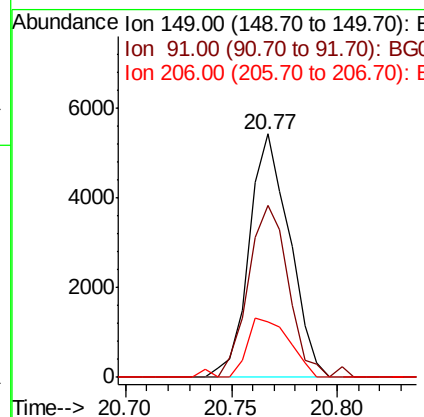
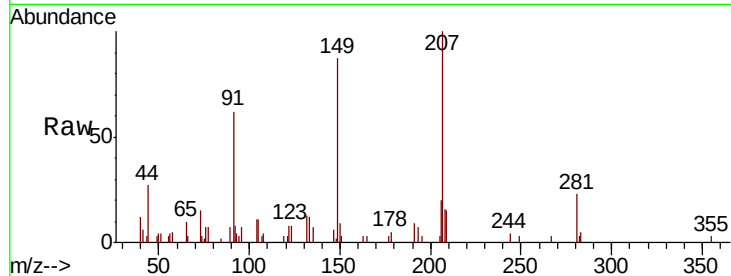
#80
Butylbenzylphthalate
Concen: 0.726 ng
RT: 20.77 min Scan# 2975
Delta R.T. -0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.4	57.0	85.4
206	22.7	17.8	26.6

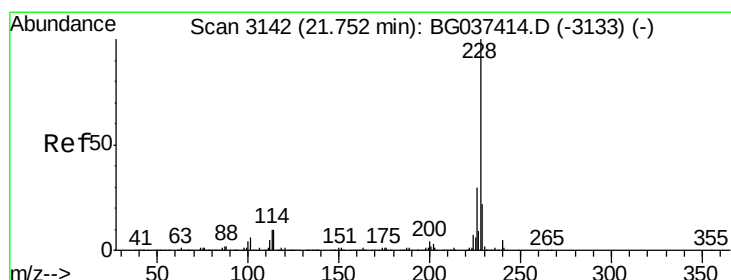
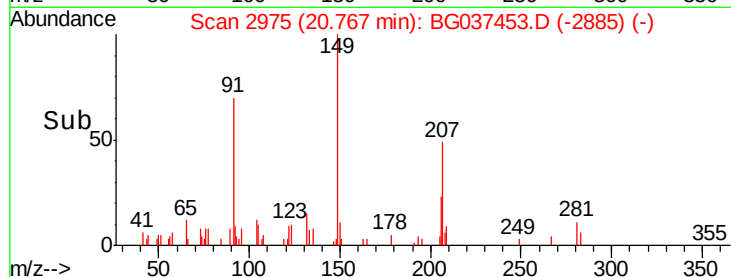
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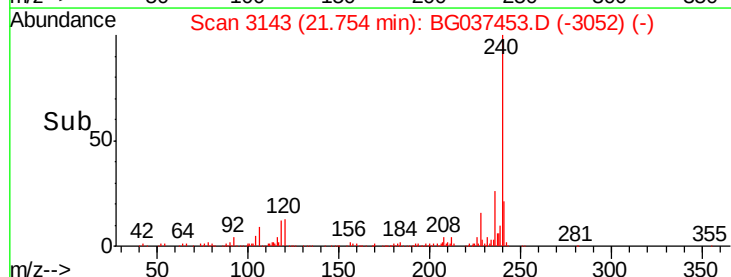
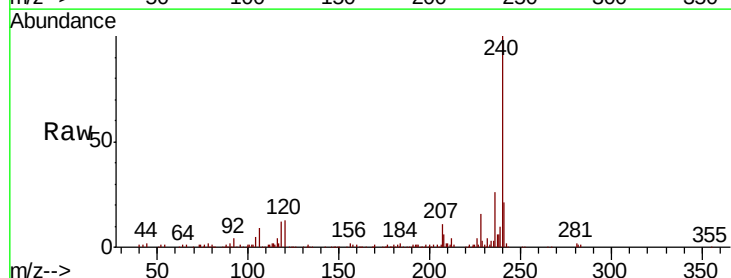
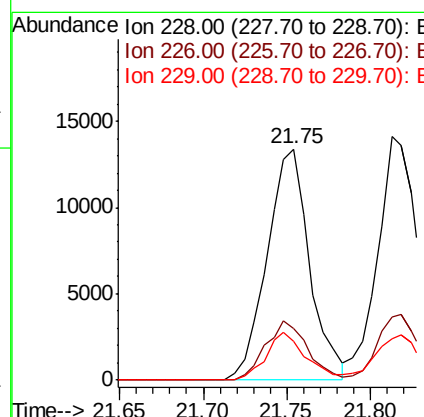
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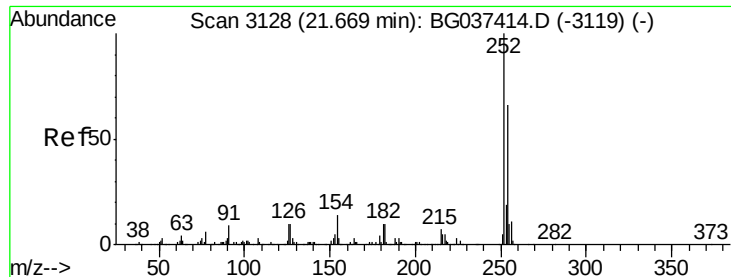
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#81
Benzo(a)anthracene
Concen: 1.083 ng m
RT: 21.75 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	22.4	22.6	33.8#
229	17.0	16.3	24.5





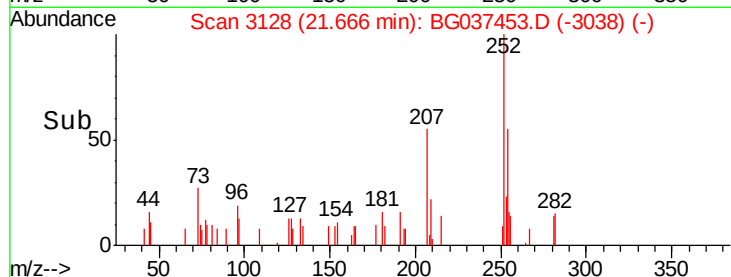
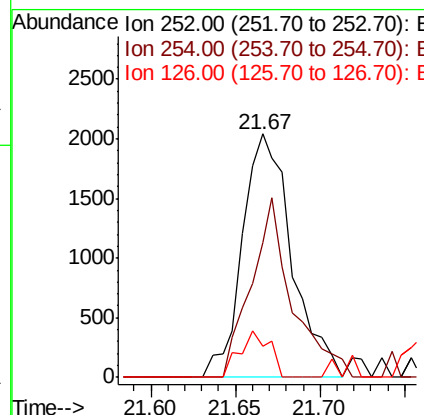
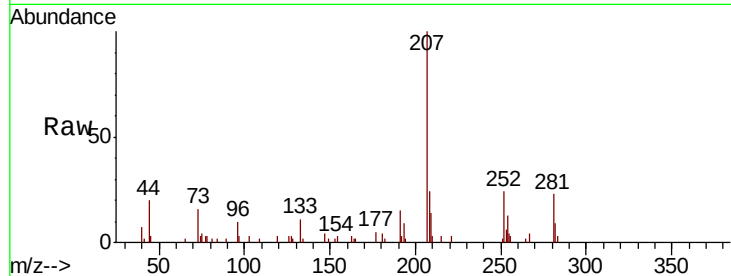
#82
 3,3'-Dichlorobenzidine
 Concen: 0.488 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.00 min
 Lab File: BG037453.D
 Acq: 19 Oct 2018 14:39

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-SOIL-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
252	100		
254	55.1	52.0	78.0
126	12.7	8.2	12.4

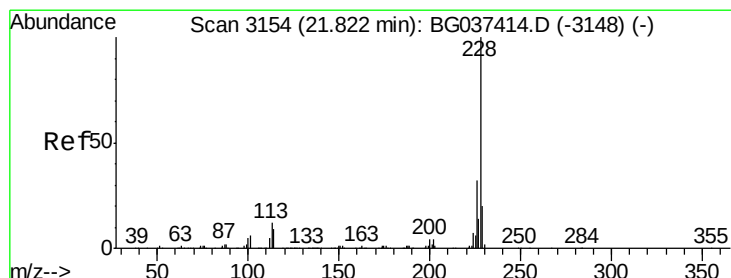
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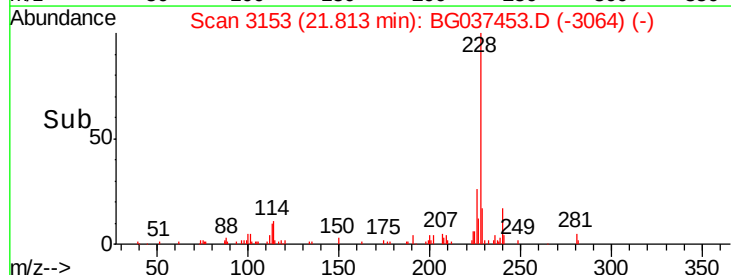
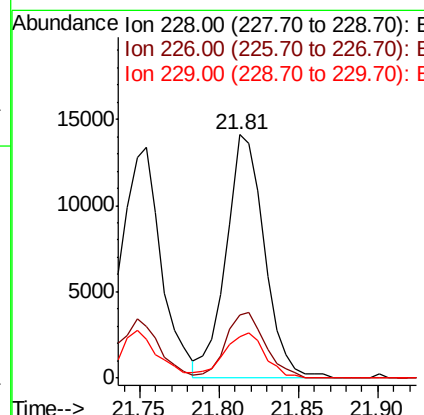
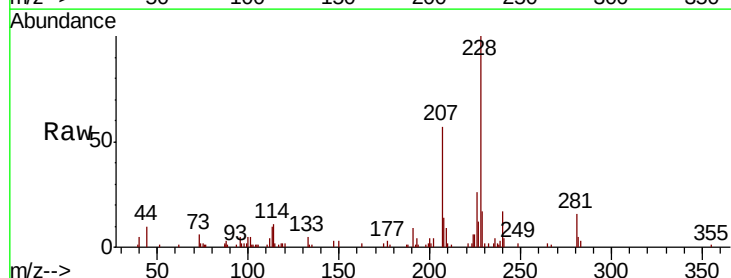
Sohil

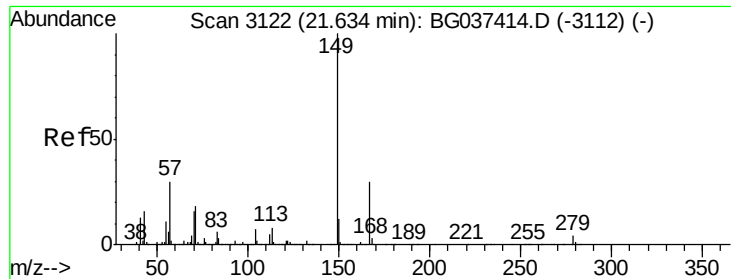
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#83
 Chrysene
 Concen: 1.124 ng
 RT: 21.81 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BG037453.D
 Acq: 19 Oct 2018 14:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.0	25.7	38.5
229	17.0	16.5	24.7





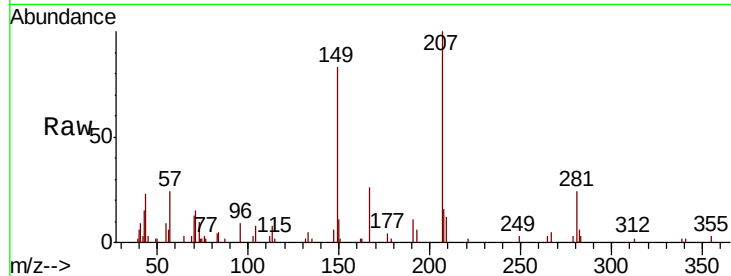
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.753 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: BG037453.D
 Acq: 19 Oct 2018 14:39

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-SOIL-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.9	23.0	34.4
279	3.1	3.6	5.4#

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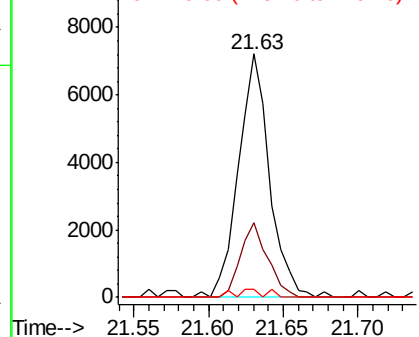


Abundance

Ion 149.00 (148.70 to 149.70): E

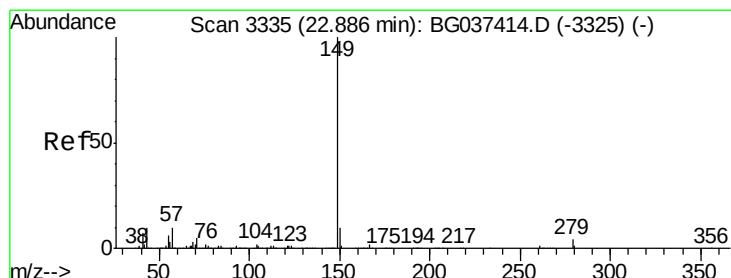
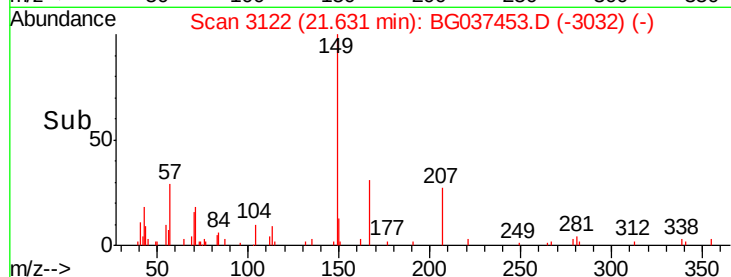
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



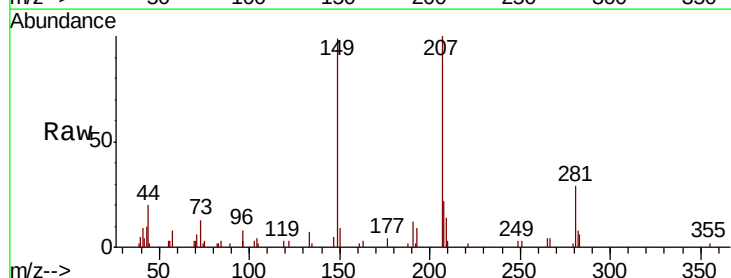
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#85
 Di-n-octyl phthalate
 Concen: 0.713 ng
 RT: 22.88 min Scan# 3334
 Delta R.T. -0.01 min
 Lab File: BG037453.D
 Acq: 19 Oct 2018 14:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.3	1.3	1.9#
43	11.6	8.7	13.1

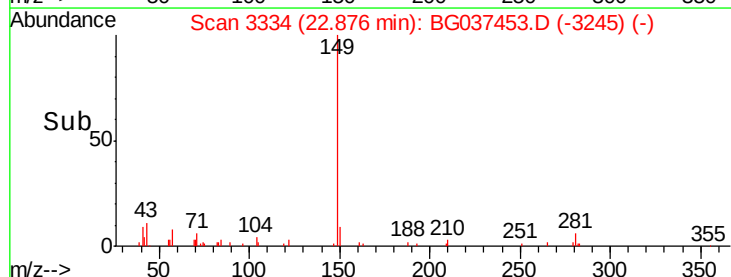
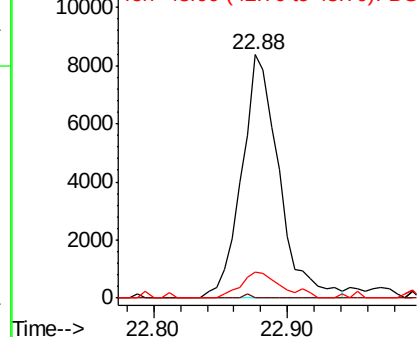


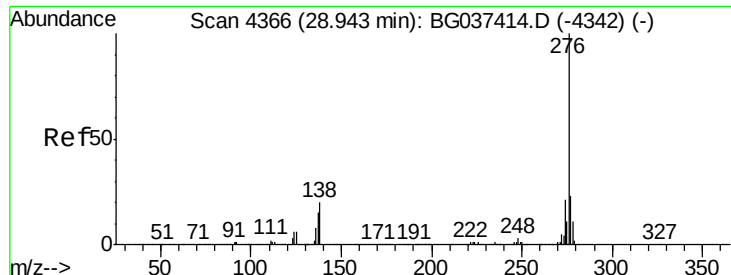
Abundance

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





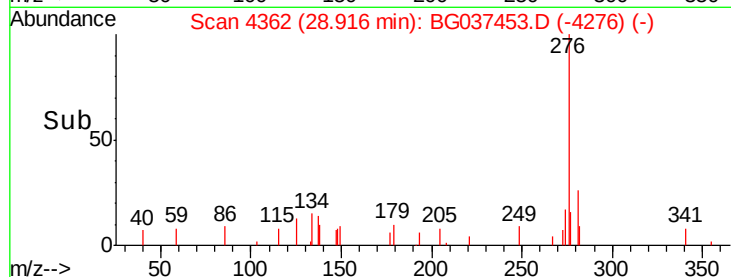
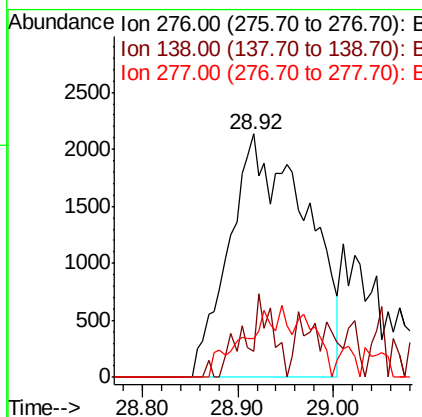
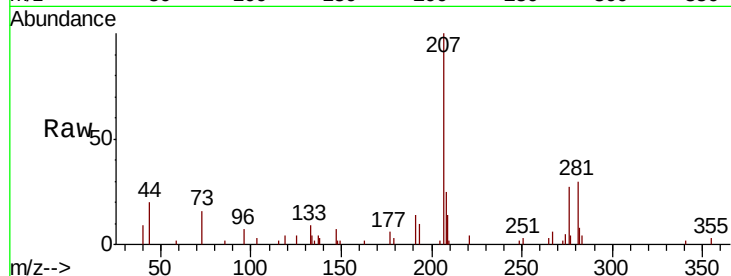
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.531 ng m
 RT: 28.92 min Scan# 4362
 Delta R.T. -0.03 min
 Lab File: BG037453.D
 Acq: 19 Oct 2018 14:39

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-SOIL-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.0	12.0	18.0
277	12.0	20.6	30.8#

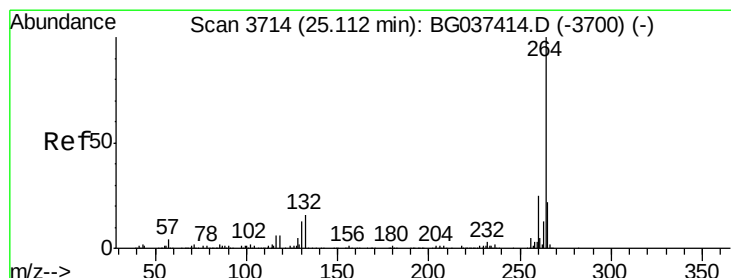
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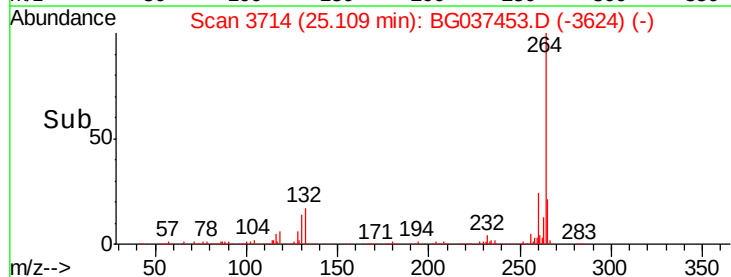
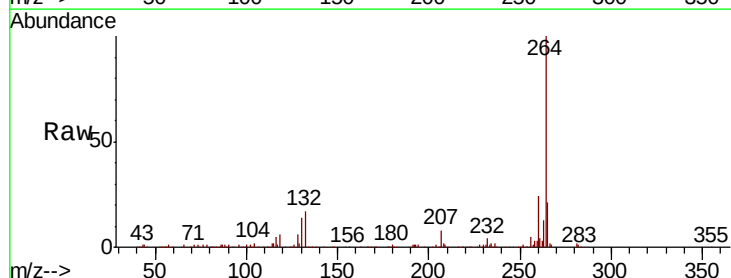
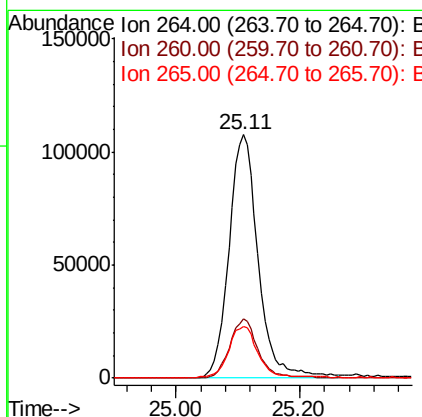
Sohil

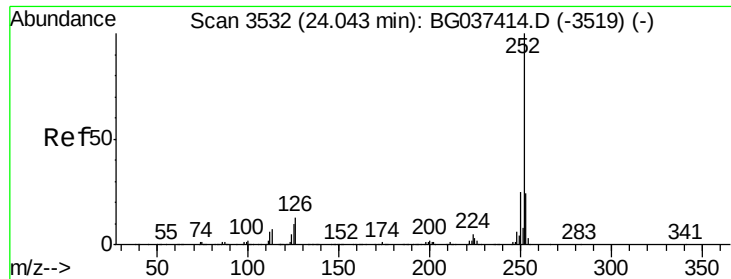
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3714
 Delta R.T. -0.00 min
 Lab File: BG037453.D
 Acq: 19 Oct 2018 14:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	21.3	17.9	26.9





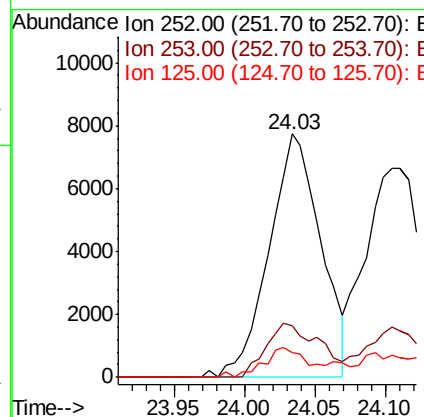
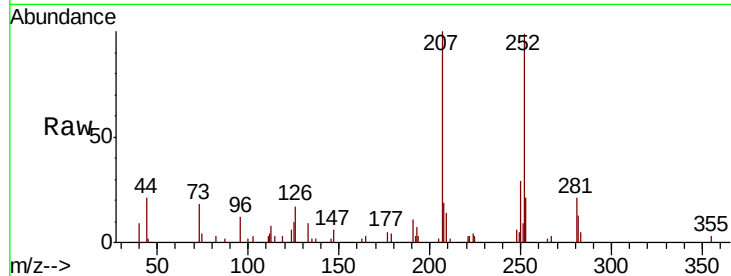
#88
Benzo(b)fluoranthene
Concen: 1.017 ng
RT: 24.03 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.2	27.2
125	10.0	7.8	11.6

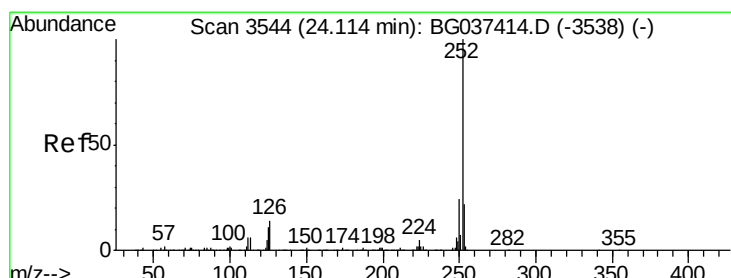
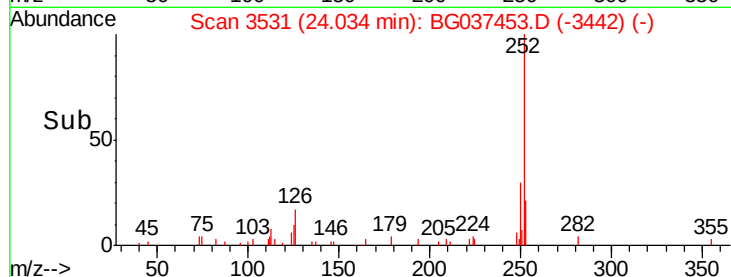
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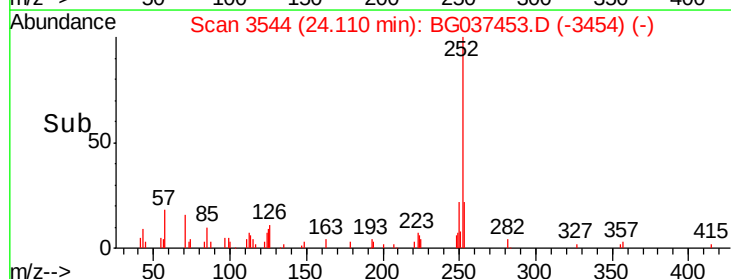
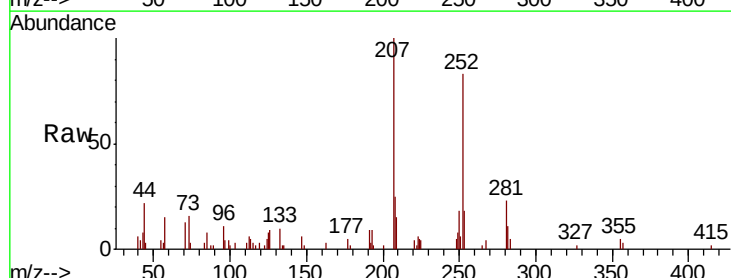
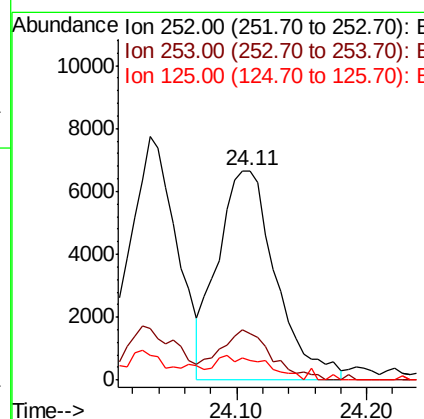
Sohil

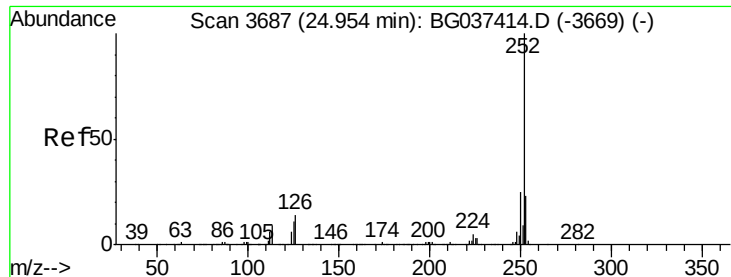
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#89
Benzo(k)fluoranthene
Concen: 1.087 ng m
RT: 24.11 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	9.2	7.4	11.0





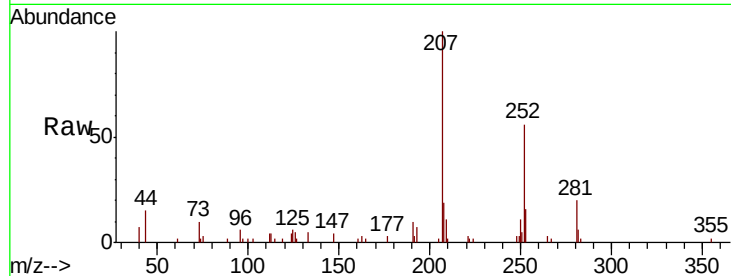
#90
Benzo(a)pyrene
Concen: 0.975 ng
RT: 24.94 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.4	17.4	26.2#
125	11.0	9.0	13.6

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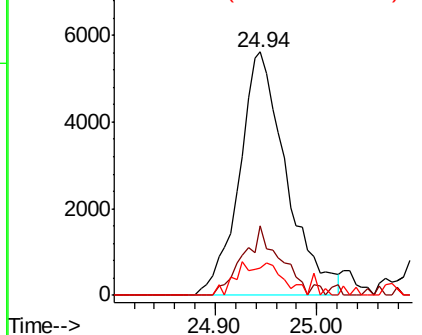


Abundance

Ion 252.00 (251.70 to 252.70): E

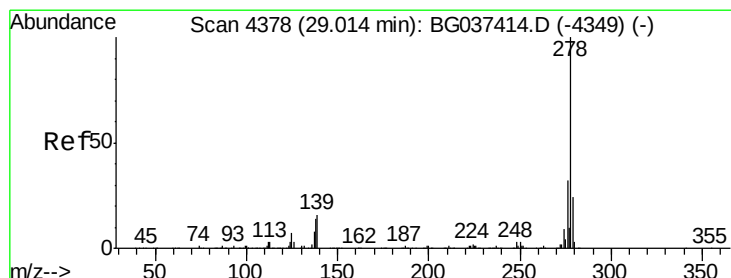
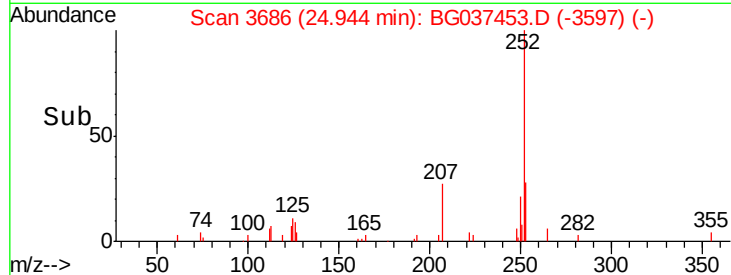
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



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#91
Dibenzo(a,h)anthracene
Concen: 0.699 ng m
RT: 29.00 min Scan# 4377
Delta R.T. -0.01 min
Lab File: BG037453.D
Acq: 19 Oct 2018 14:39

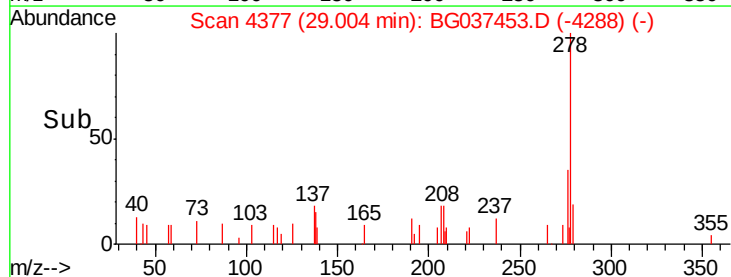
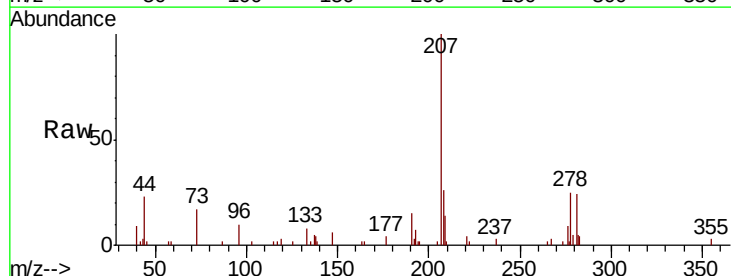
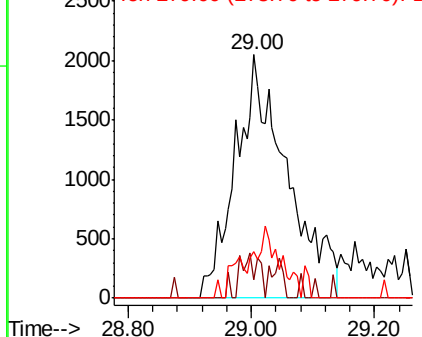
Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.6	11.5	17.3#
279	18.9	18.6	27.8

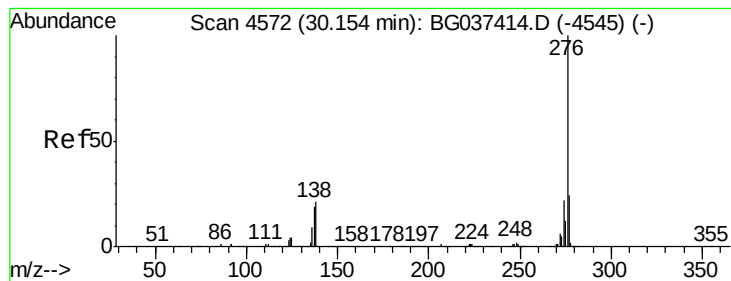
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 0.830 ng

RT: 30.13 min Scan# 4569

Delta R.T. -0.02 min

Lab File: BG037453.D

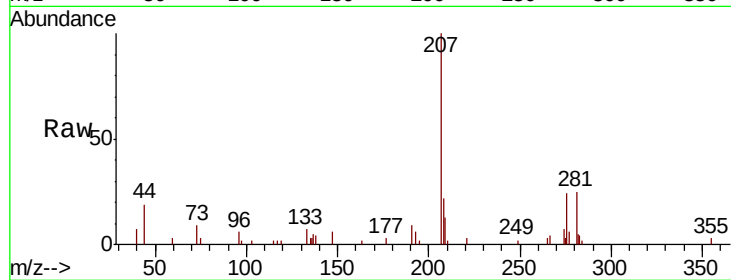
Acq: 19 Oct 2018 14:39

Instrument :

BNA_G

ClientSampleId :

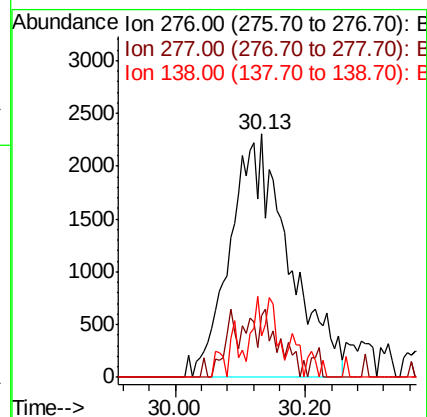
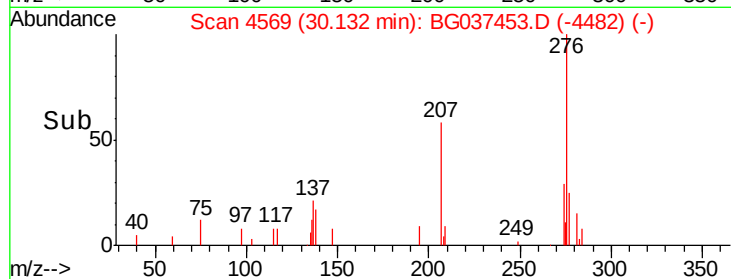
MDL-MDL-SOIL-03-QT4-2018



Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.9	28.3
138	16.8	17.2	25.8#

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