

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037683.D
 Acq On : 31 Oct 2018 14:20
 Operator : JU/SJ
 Sample : PB114332BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114332BS

Manual Integrations
 APPROVED

Sohil
 11/1/2018 10:43:42 AM

Quant Time: Nov 01 06:45:07 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	8.10	152	56808	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	253956	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	169474	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	411425	20.00	ng	0.00
76) Chrysene-d12	21.77	240	365766	20.00	ng	0.00
87) Perylene-d12	25.10	264	365589	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	585610	172.34	ng	0.00
7) Phenol-d6	7.25	99	820985	159.79	ng	0.00
23) Nitrobenzene-d5	9.28	82	376093	82.96	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	309452	167.41	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	896831	79.80	ng	0.00
79) Terphenyl-d14	20.08	244	1325208	77.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	49892	28.954	ng	94
3) Pyridine	3.93	79	147322	33.920	ng	91
4) n-Nitrosodimethylamine	3.85	42	69071	44.649	ng	# 97
6) Aniline	7.42	93	221905	35.402	ng	99
8) 2-Chlorophenol	7.66	128	178746	44.967	ng	100
9) Benzaldehyde	7.24	77	137967	42.926	ng	97
10) Phenol	7.28	94	245152	45.221	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	163037	39.597	ng	97
12) 1,3-Dichlorobenzene	7.99	146	172352	38.947	ng	94
13) 1,4-Dichlorobenzene	8.13	146	176280	38.943	ng	98
14) 1,2-Dichlorobenzene	8.46	146	170511	39.158	ng	99
15) Benzyl Alcohol	8.34	79	163293	43.012	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	296922	40.303	ng	98
17) 2-Methylphenol	8.53	107	165974	46.309	ng	98
18) Hexachloroethane	9.19	117	62811	40.701	ng	95
19) n-Nitroso-di-n-propylamine	8.90	70	135033	38.165	ng	94
20) 3+4-Methylphenols	8.86	107	231554	45.188	ng	99
22) Acetophenone	8.93	105	258925	40.653	ng	# 98
24) Nitrobenzene	9.32	77	203524	43.215	ng	93
25) Isophorone	9.84	82	387902	46.830	ng	97
26) 2-Nitrophenol	10.03	139	100522	47.380	ng	96
27) 2,4-Dimethylphenol	10.07	122	193341	51.039	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	237159	43.700	ng	97
29) 2,4-Dichlorophenol	10.56	162	198170	46.986	ng	97
30) 1,2,4-Trichlorobenzene	10.78	180	184757	40.282	ng	98
31) Naphthalene	10.97	128	550348	44.121	ng	99
32) Benzoic acid	10.20	122	128509	52.231	ng	99
33) 4-Chloroaniline	11.08	127	158721	27.082	ng	98
34) Hexachlorobutadiene	11.24	225	105112	38.667	ng	98
35) Caprolactam	11.87	113	72239m	42.706	ng	
36) 4-Chloro-3-methylphenol	12.19	107	216592	45.536	ng	98
37) 2-Methylnaphthalene	12.57	142	418015	45.972	ng	99
38) 1-Methylnaphthalene	12.79	142	400642	45.371	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	215269	39.380	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	260559	99.786	ng	99
43) 2,4,6-Trichlorophenol	13.17	196	167246	45.795	ng	98
44) 2,4,5-Trichlorophenol	13.24	196	180503	45.395	ng	96
46) 1,1'-Biphenyl	13.57	154	547790	39.029	ng	98
47) 2-Chloronaphthalene	13.62	162	433866	40.860	ng	99
48) 2-Nitroaniline	13.83	65	146858	45.608	ng	91
49) Acenaphthylene	14.46	152	721159	45.149	ng	99
50) Dimethylphthalate	14.19	163	570485	43.513	ng	99
51) 2,6-Dinitrotoluene	14.32	165	129501	44.650	ng	94
52) Acenaphthene	14.80	154	416948	42.385	ng	98
53) 3-Nitroaniline	14.65	138	116317	36.125	ng #	94
54) 2,4-Dinitrophenol	14.85	184	87222	72.349	ng	95
55) Dibenzofuran	15.13	168	684935	42.024	ng	99
56) 4-Nitrophenol	14.94	139	285330	119.720	ng	98
57) 2,4-Dinitrotoluene	15.10	165	188126	49.413	ng	94
58) Fluorene	15.78	166	554783	45.455	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	158713	46.619	ng	99
60) Diethylphthalate	15.54	149	582652	43.287	ng	100
61) 4-Chlorophenyl-phenylether	15.77	204	287226	40.375	ng	99
62) 4-Nitroaniline	15.81	138	144400	45.133	ng	93
63) Azobenzene	16.06	77	551489	42.942	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	84005	40.521	ng	98
66) n-Nitrosodiphenylamine	15.98	169	511030	41.293	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	186555	41.290	ng	98
68) Hexachlorobenzene	16.78	284	185563	39.628	ng	99
69) Atrazine	16.93	200	194278	43.419	ng	99
70) Pentachlorophenol	17.12	266	212841	67.858	ng	95
71) Phenanthrene	17.52	178	911474	43.590	ng	99
72) Anthracene	17.62	178	920880	44.877	ng	97
73) Carbazole	17.89	167	836316	40.744	ng	99
74) Di-n-butylphthalate	18.42	149	997250	43.675	ng	100
75) Fluoranthene	19.53	202	1048144	44.196	ng	98
77) Benzidine	19.72	184	498971	40.120	ng	100
78) Pyrene	19.89	202	1040514	43.517	ng	99
80) Butylbenzylphthalate	20.76	149	446203	45.598	ng	99
81) Benzo(a)anthracene	21.75	228	973547	44.999	ng	98
82) 3,3'-Dichlorobenzidine	21.66	252	277843	33.133	ng	98
83) Chrysene	21.82	228	911807	43.830	ng	100
84) Bis(2-ethylhexyl)phthalate	21.62	149	623020	45.421	ng	100
85) Di-n-octyl phthalate	22.86	149	1043548	46.655	ng	98
86) Indeno(1,2,3-cd)pyrene	28.92	276	908537	40.718	ng	98
88) Benzo(b)fluoranthene	24.03	252	949025	47.350	ng	98
89) Benzo(k)fluoranthene	24.10	252	938959	47.817	ng	98
90) Benzo(a)pyrene	24.94	252	909941	47.777	ng	100
91) Dibenzo(a,h)anthracene	29.00	278	705714	40.170	ng	98
92) Benzo(g,h,i)perylene	30.13	276	741682	41.729	ng	99

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

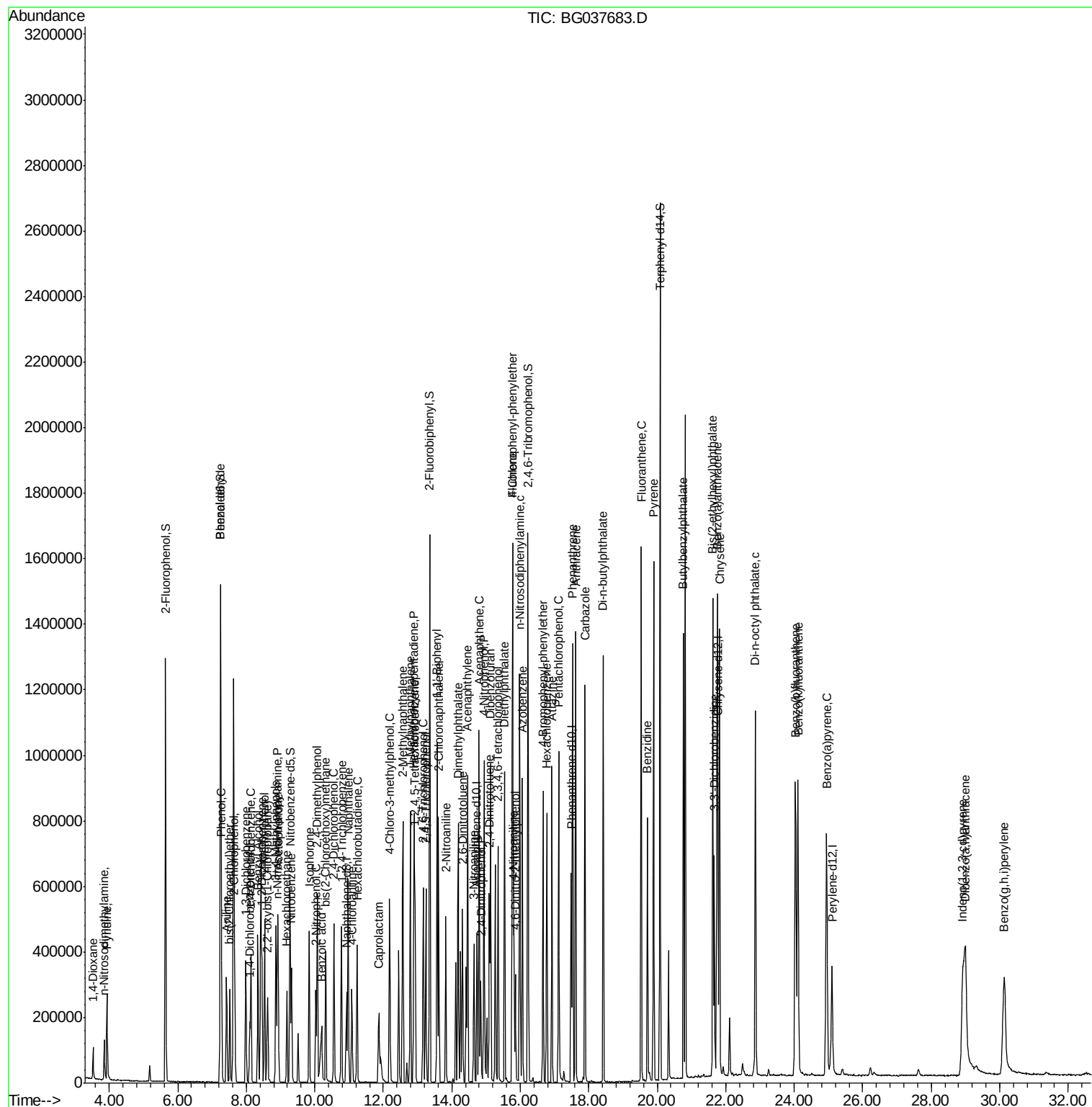
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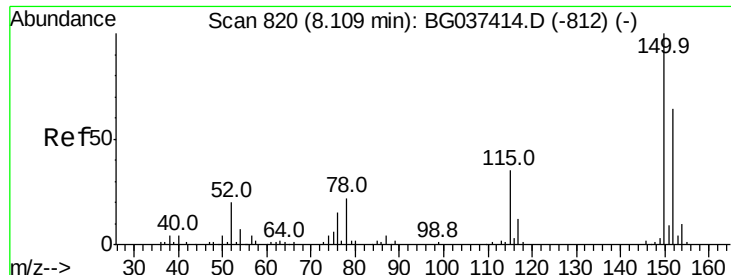
Instrument :
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#1

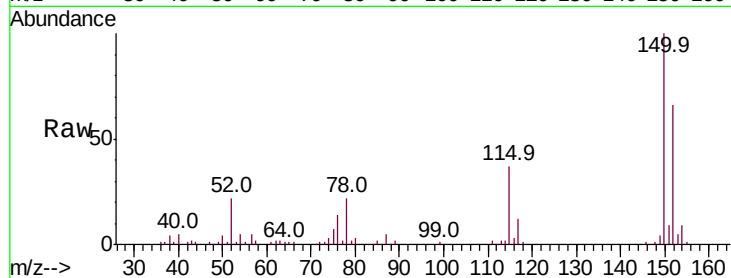
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :
PB114332BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	126.0	189.0
115	56.5	45.5	68.3

Manual Integrations
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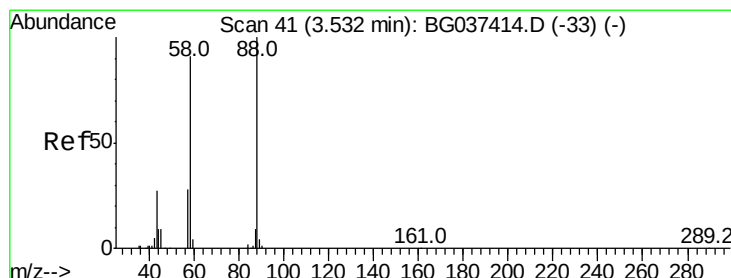
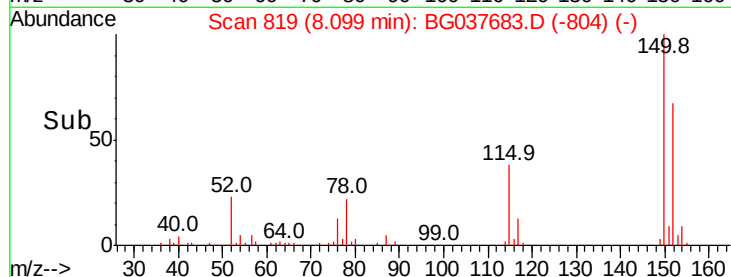
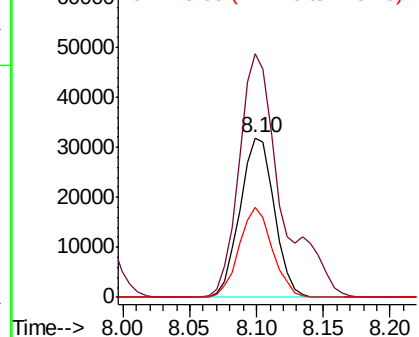


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

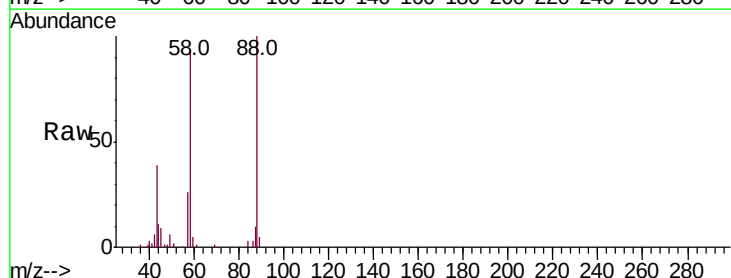
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.954 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.2	74.4	111.6
43	30.1	25.8	38.8

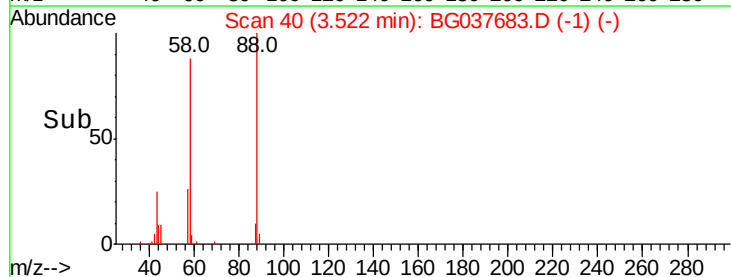
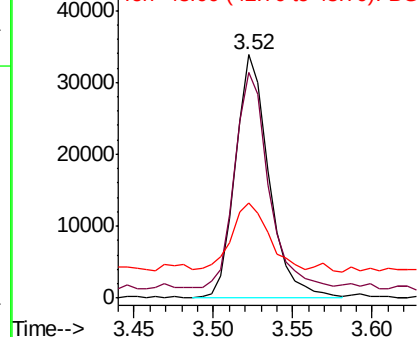


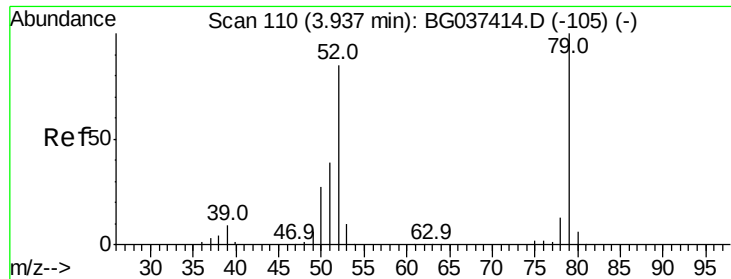
Abundance

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





#3

Pvridine

Concen: 33.920 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

BNA_G

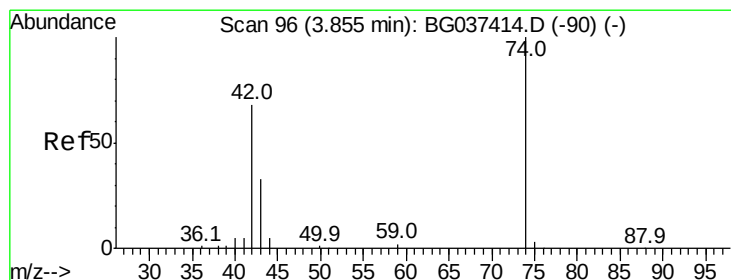
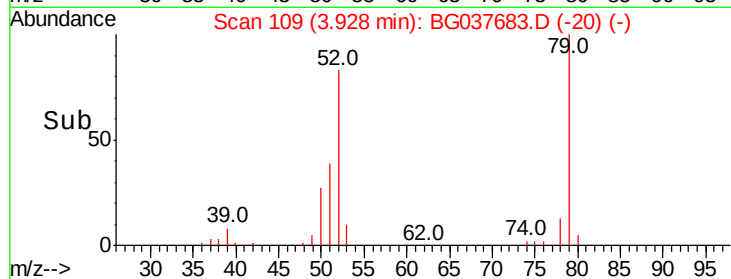
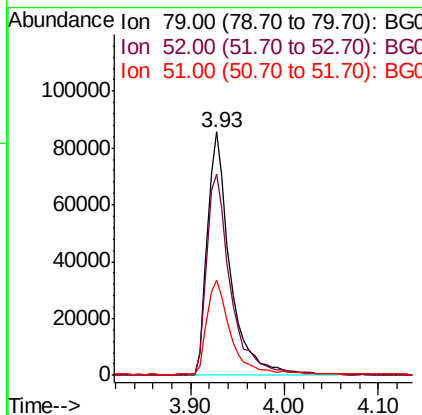
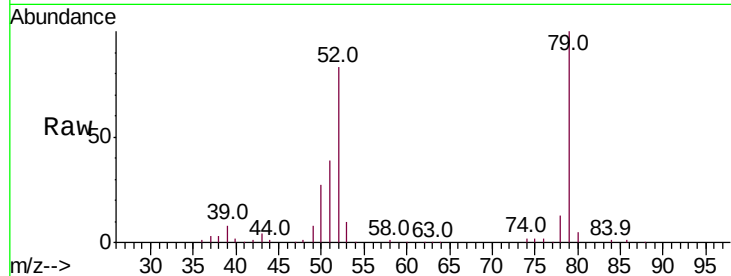
ClientSampleId :

PB114332BS

Tot Ion:	79	Resp:	147322
Ion Ratio	Lower	Upper	
79	100		
52	82.9	74.2	111.2
51	39.2	34.6	51.8

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11/1/2018 10:43:42 AM



#4

n-Nitrosodimethylamine

Concen: 44.649 ng

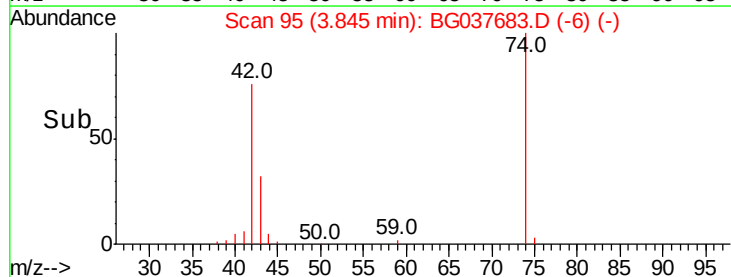
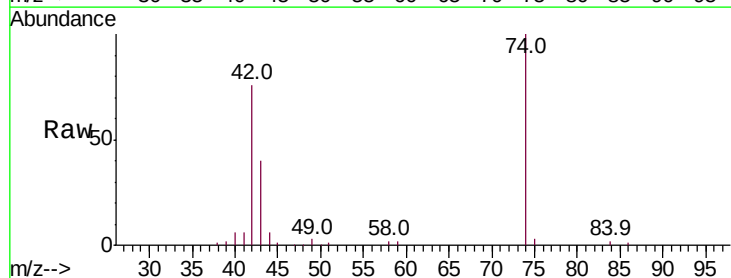
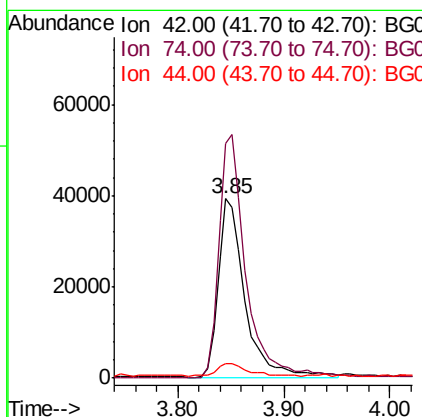
RT: 3.85 min Scan# 95

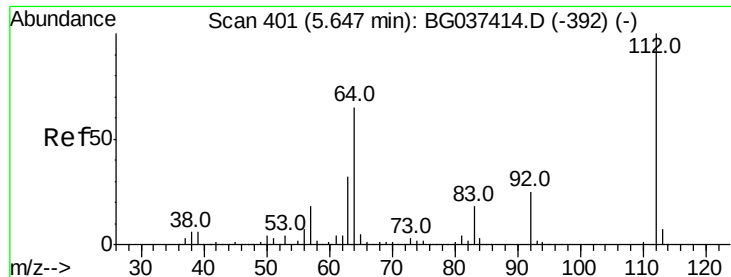
Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Tgt Ion:	42	Resp:	69071
Ion Ratio	Lower	Upper	
42	100		
74	130.8	102.0	153.0
44	8.1	9.6	14.4





#5

2-Fluorophenol

Concen: 172.344 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

BNA_G

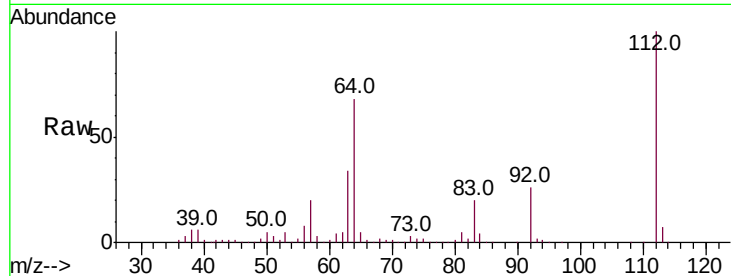
ClientSampleId :

PB114332BS

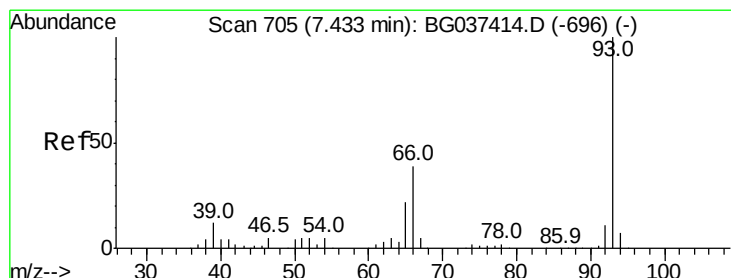
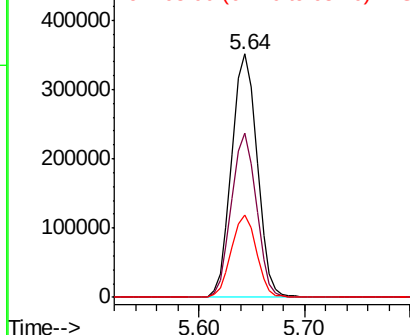
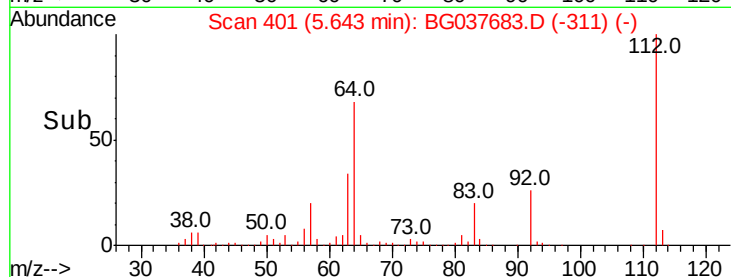
Tot Ion:	112	Resp:	585610
Ion Ratio	Lower	Upper	
112	100		
64	67.7	53.1	79.7
63	33.9	27.3	40.9

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.402 ng

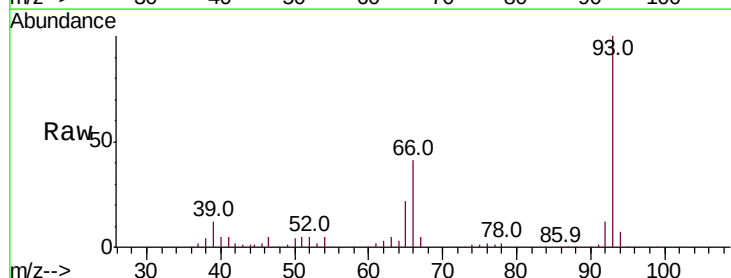
RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

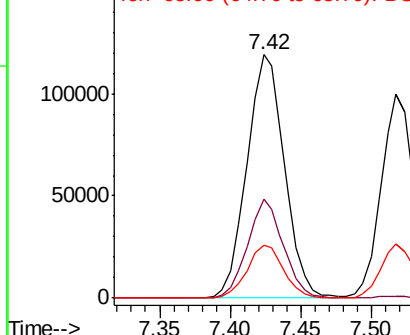
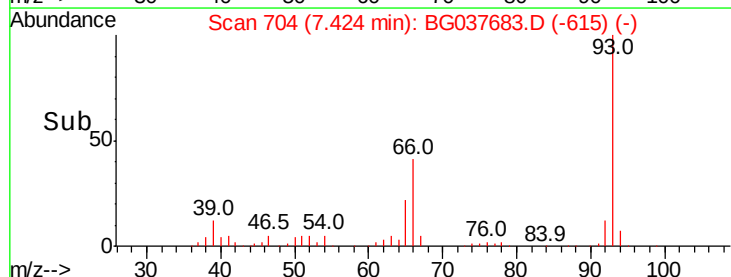
Lab File: BG037683.D

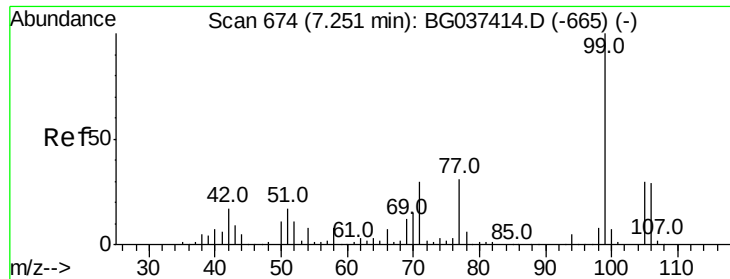
Acq: 31 Oct 2018 14:20

Tgt Ion:	93	Resp:	221905
Ion Ratio	Lower	Upper	
93	100		
66	40.7	32.8	49.2
65	21.7	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 159.785 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

BNA_G

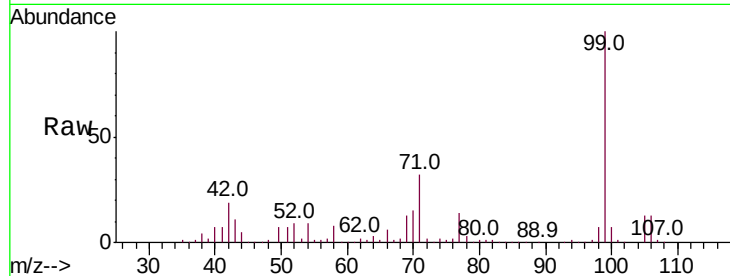
ClientSampleId :

PB114332BS

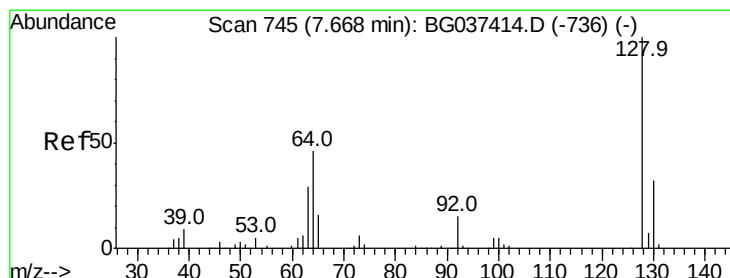
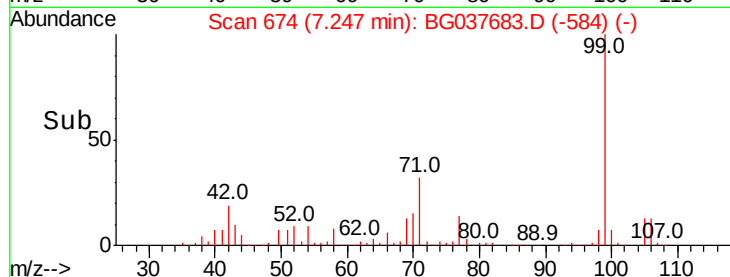
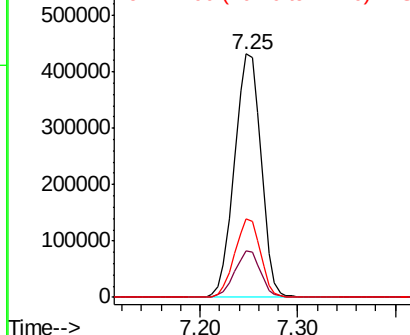
Tot Ion:	99	Resp:	820985
Ion Ratio	Lower	Upper	
99	100		
42	19.2	15.0	22.4
71	32.1	25.5	38.3

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.967 ng

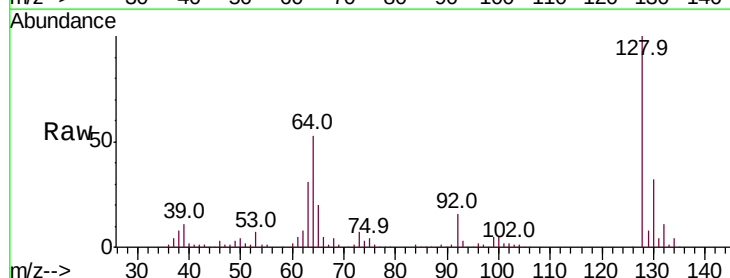
RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

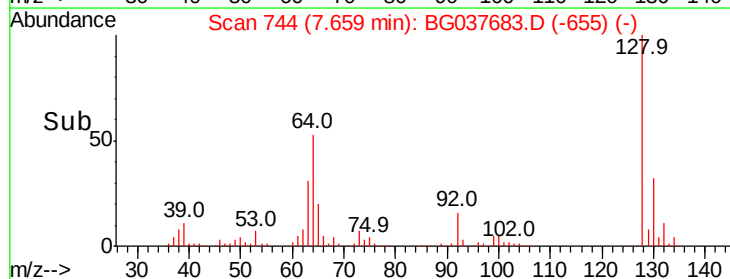
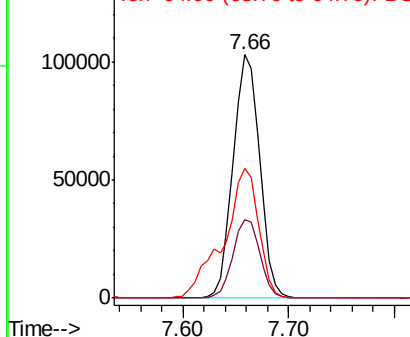
Lab File: BG037683.D

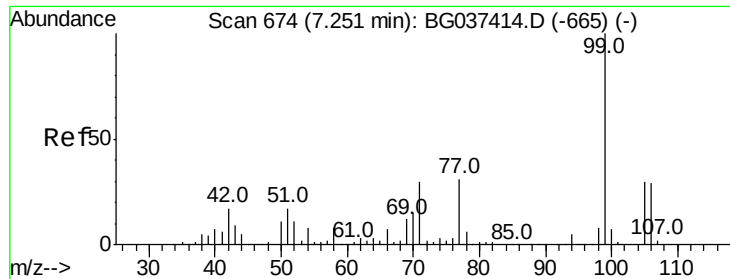
Acq: 31 Oct 2018 14:20

Tgt Ion:	128	Resp:	178746
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.0	52.0
64	53.0	32.9	72.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 42.926 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

BNA_G

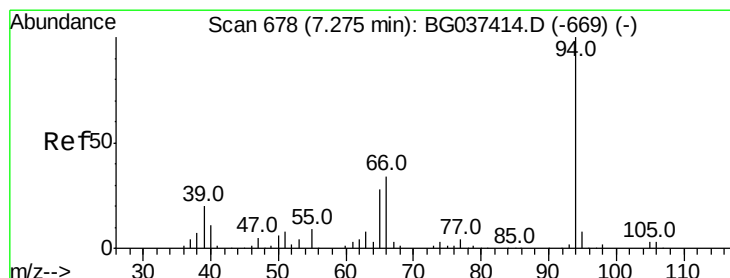
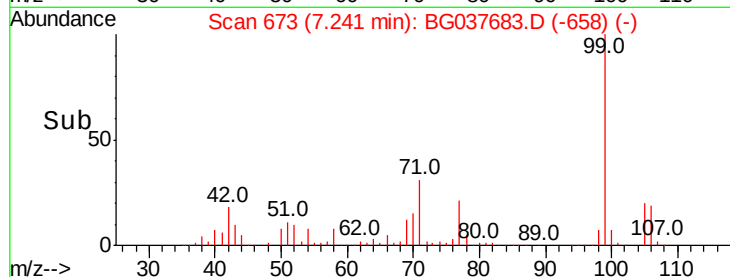
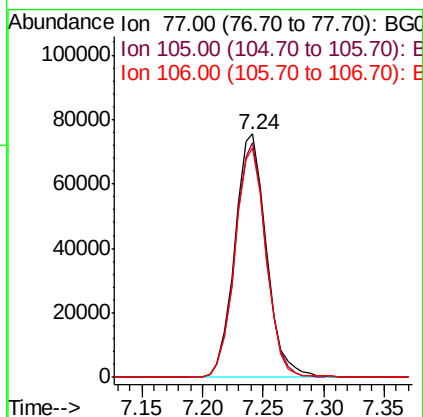
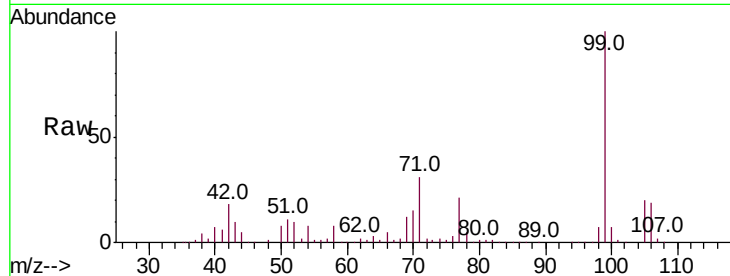
ClientSampleId :

PB114332BS

Tot Ion:	77	Resp:	137967
Ion Ratio	Lower	Upper	
77	100		
105	96.2	72.6	112.6
106	94.1	71.3	111.3

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#10

Phenol

Concen: 45.221 ng

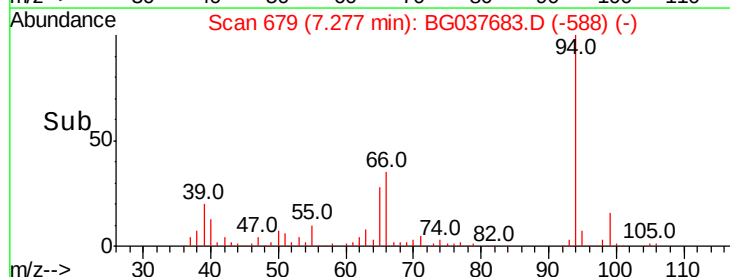
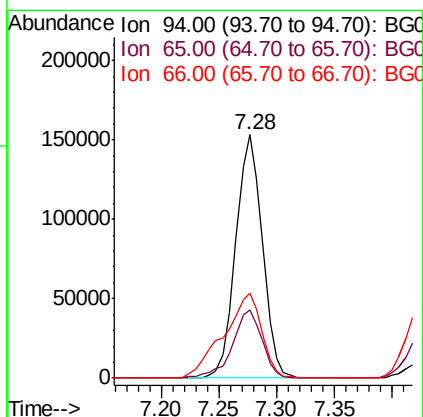
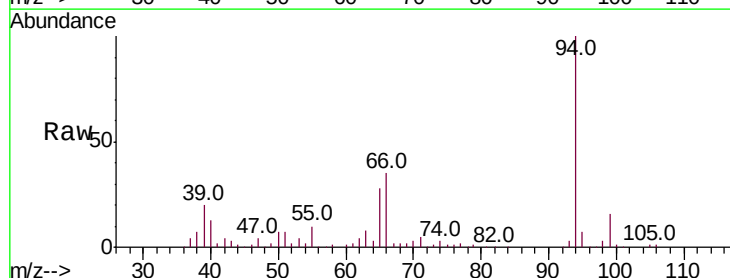
RT: 7.28 min Scan# 679

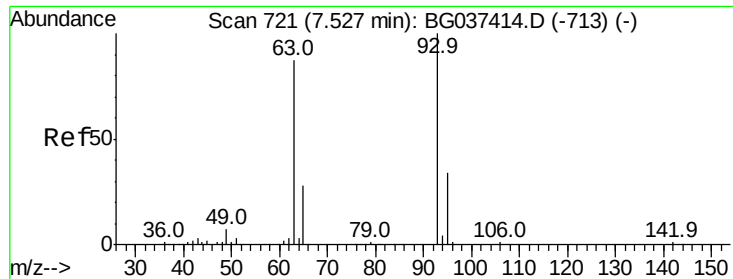
Delta R.T. 0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Tgt Ion:	94	Resp:	245152
Ion Ratio	Lower	Upper	
94	100		
65	28.0	9.7	49.7
66	35.0	15.9	55.9





#11

bis(2-Chloroethyl)ether

Concen: 39.597 ng

RT: 7.52 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

BNA_G

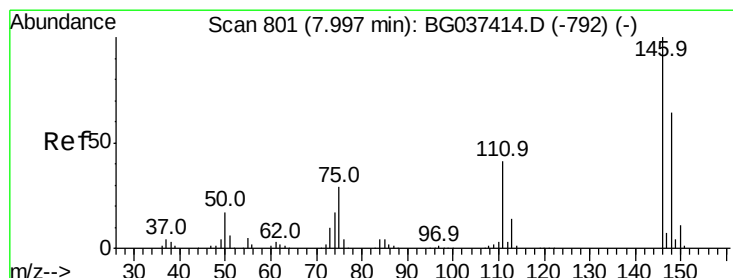
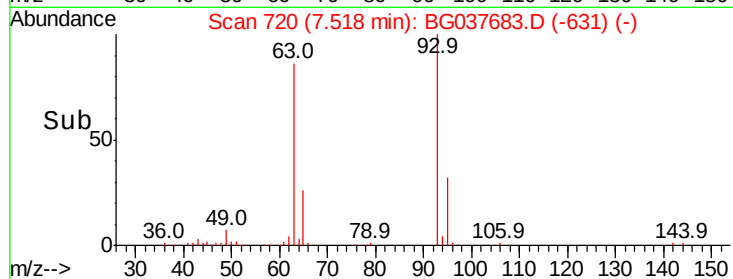
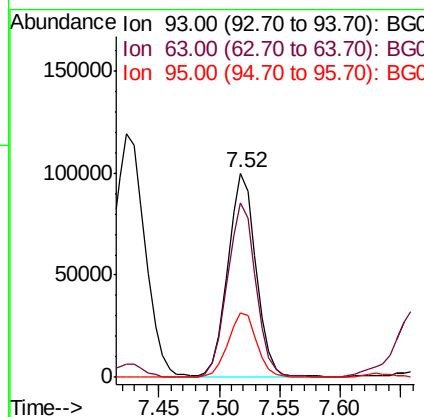
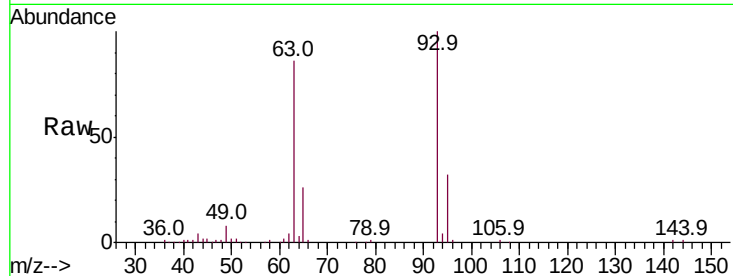
ClientSampleId :

PB114332BS

Tot Ion:	93	Resp:	163037
Ion	Ratio	Lower	Upper
93	100		
63	85.5	69.5	109.5
95	31.9	12.6	52.6

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 38.947 ng

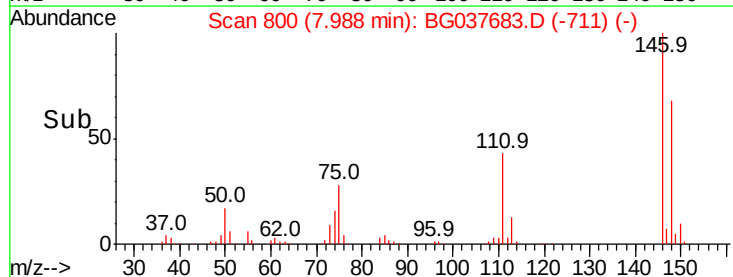
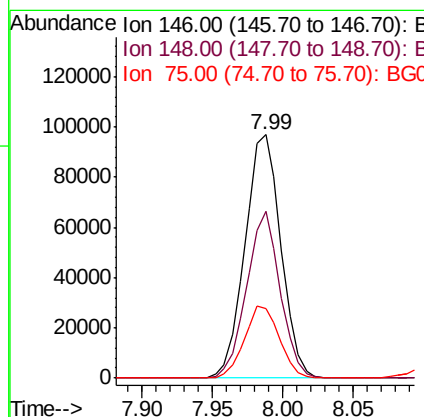
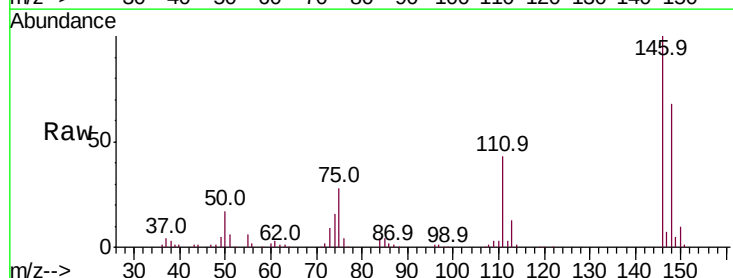
RT: 7.99 min Scan# 800

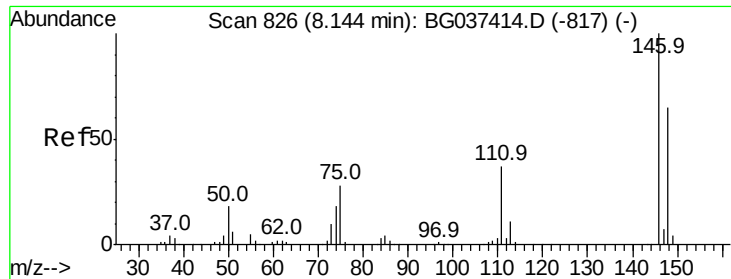
Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Tgt Ion:	146	Resp:	172352
Ion	Ratio	Lower	Upper
146	100		
148	68.3	49.8	74.8
75	28.4	23.2	34.8





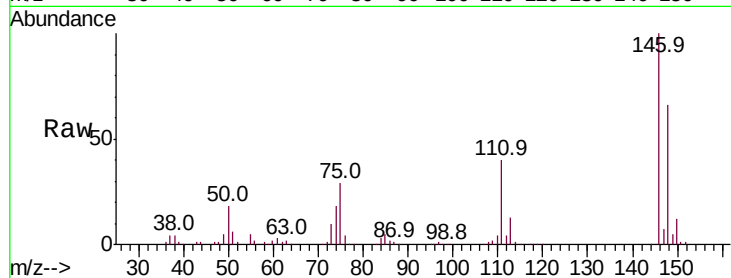
#13
 1,4-Dichlorobenzene
 Concen: 38.943 ng
 RT: 8.13 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

Instrument :
 BNA_G
 ClientSampleId :
 PB114332BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.0	76.6
111	39.5	32.4	48.6

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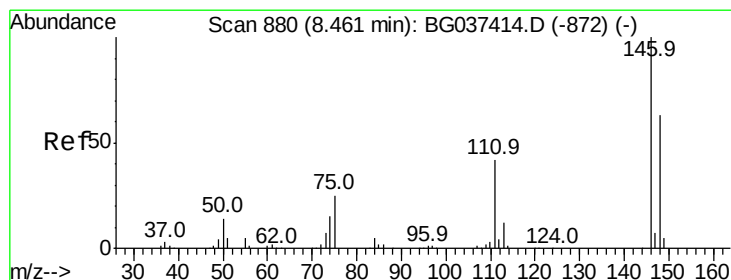
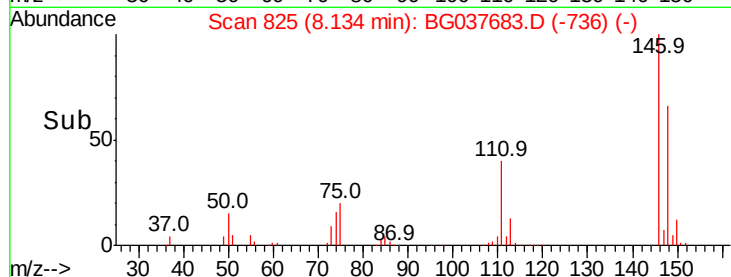
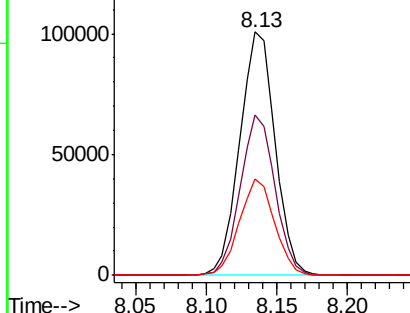


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.158 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

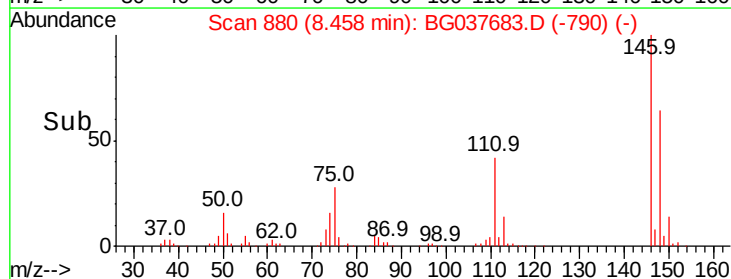
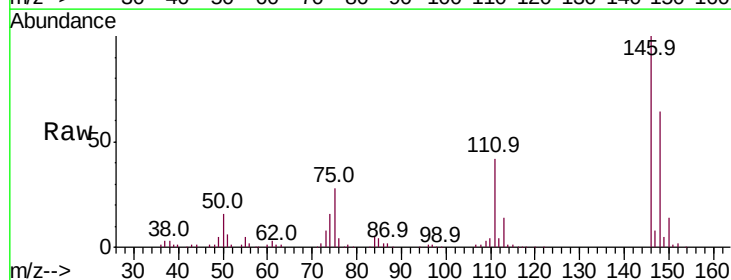
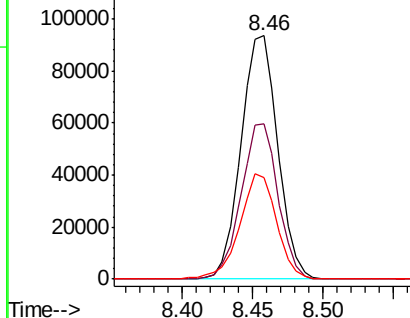
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.4	75.6
111	41.9	34.6	51.8

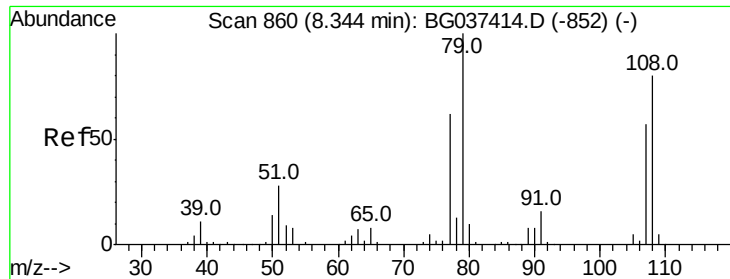
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





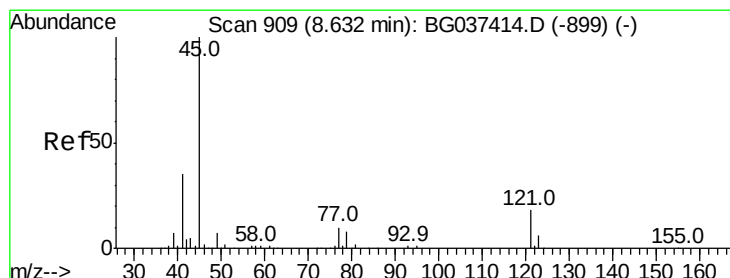
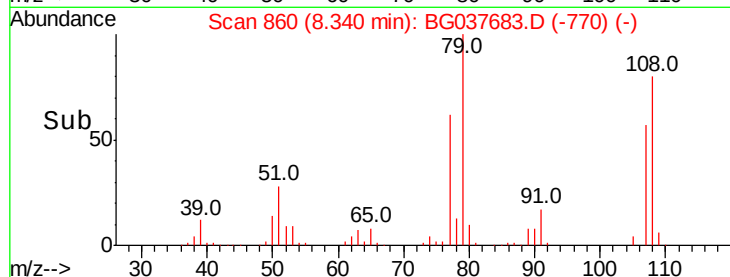
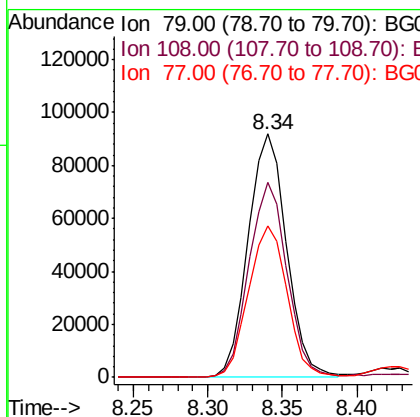
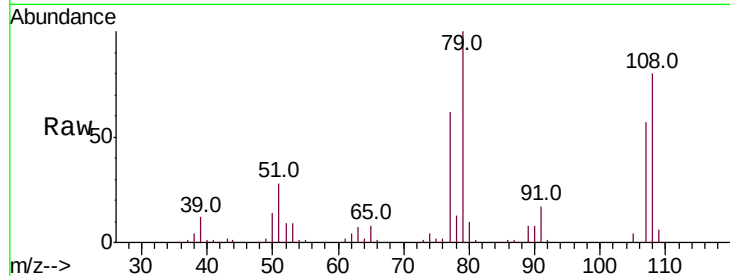
#15
Benzyl Alcohol
Concen: 43.012 ng
RT: 8.34 min Scan# 860
Delta R.T. -0.00 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :
PB114332BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.0	65.8	98.8
77	62.4	52.9	79.3

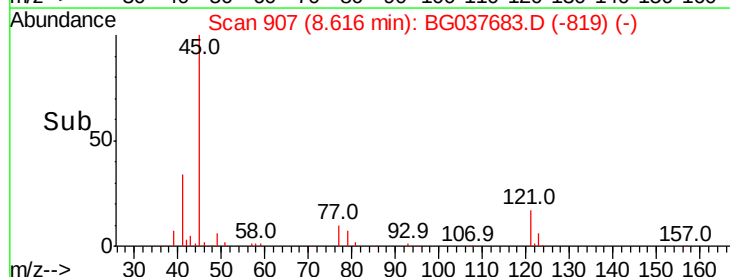
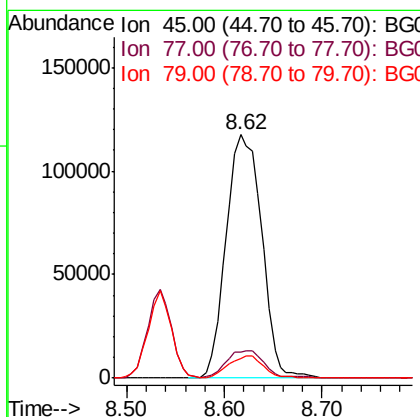
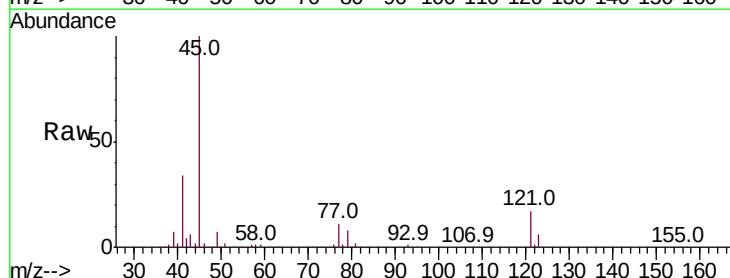
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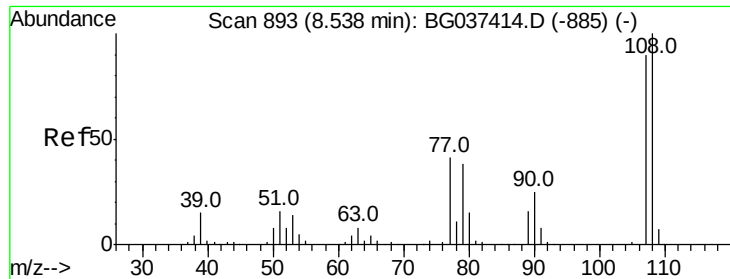
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.303 ng
RT: 8.62 min Scan# 907
Delta R.T. -0.02 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.7	0.0	30.0
79	8.0	0.0	29.0





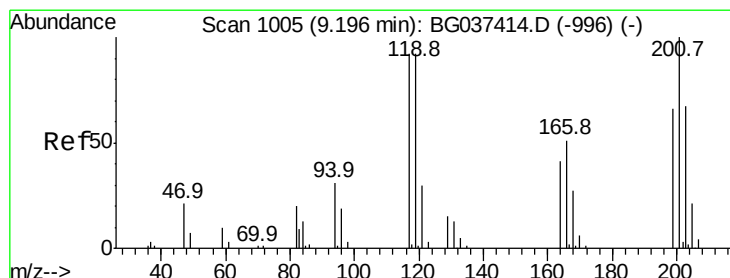
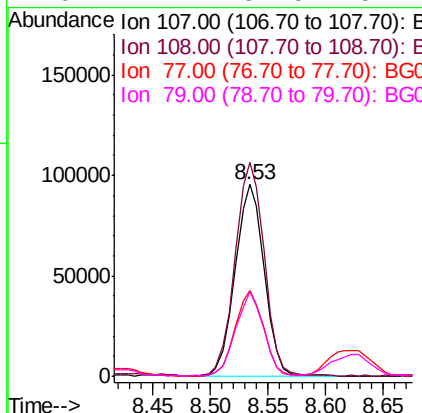
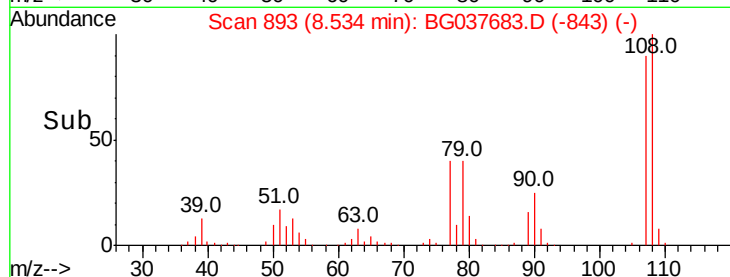
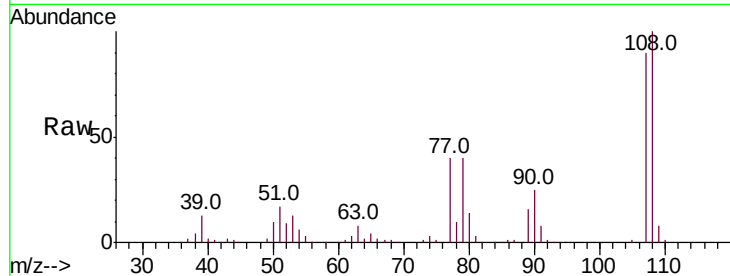
#17
2-Methylphenol
Concen: 46.309 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :
PB114332BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.4	87.9	131.9	
77	45.1	35.1	52.7	
79	44.2	34.5	51.7	

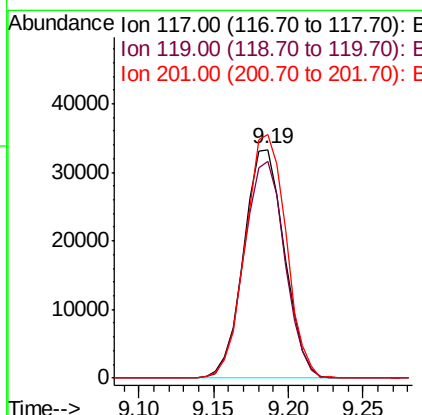
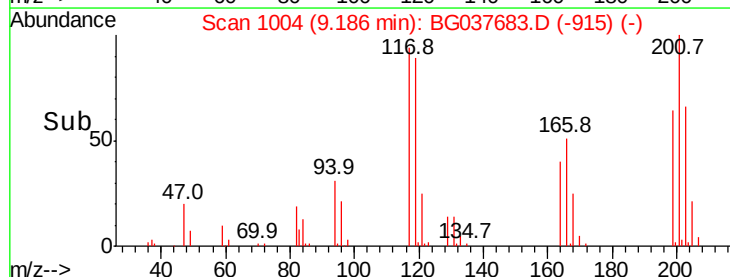
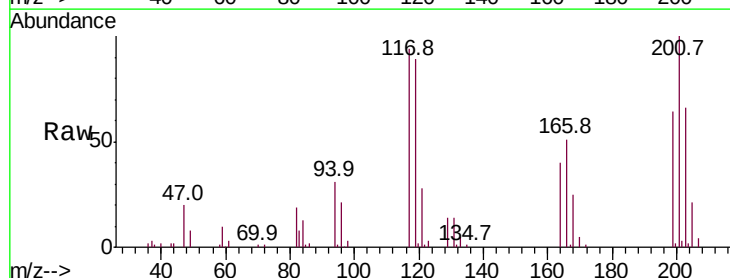
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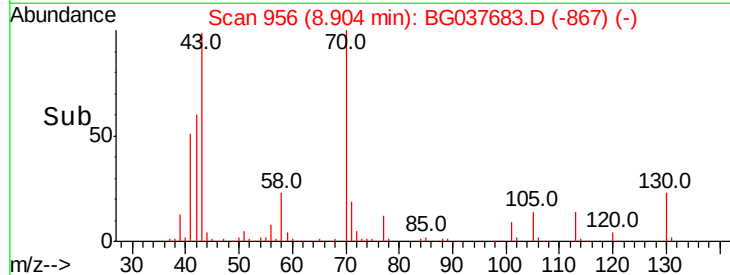
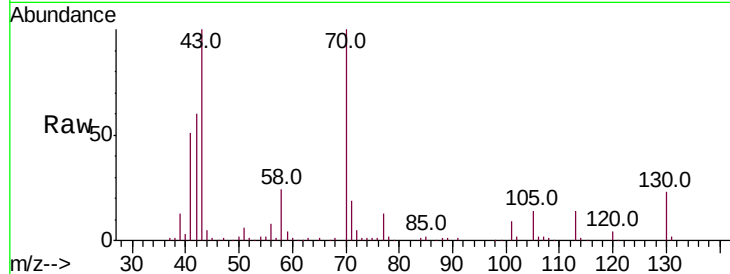
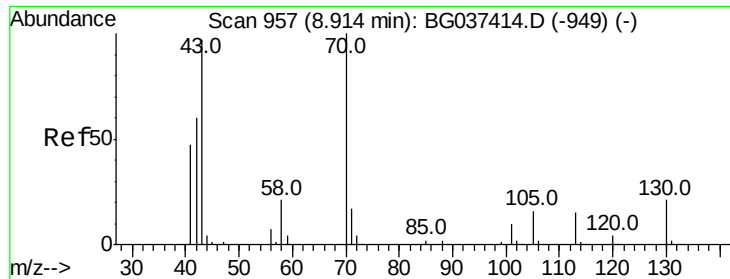
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#18
Hexachloroethane
Concen: 40.701 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.8	74.6	111.8	
201	109.8	80.8	121.2	





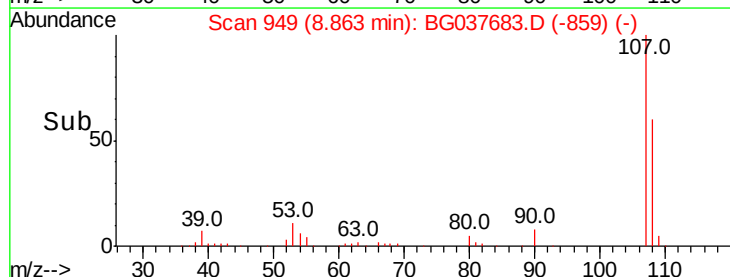
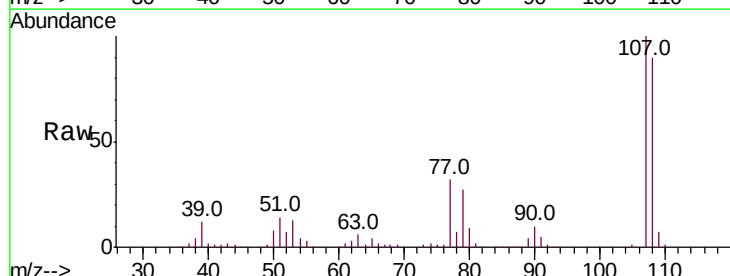
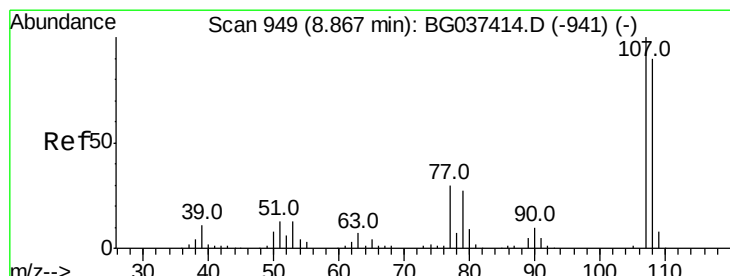
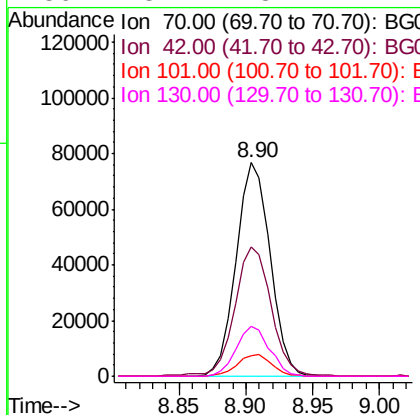
#19
n-Nitroso-di-n-propylamine
Concen: 38.165 ng
RT: 8.90 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :
PB114332BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.4	53.9	80.9	
101	9.5	8.2	12.2	
130	23.2	18.2	27.4	

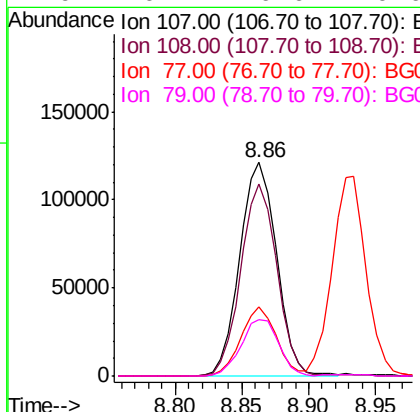
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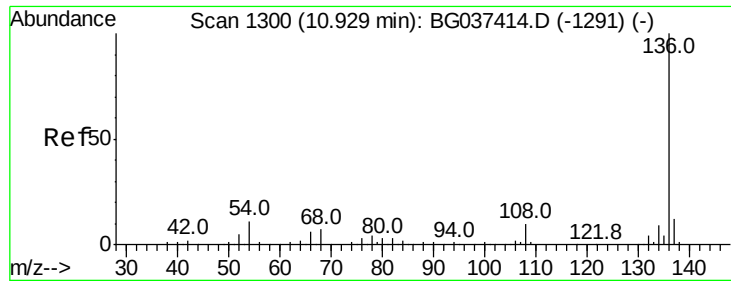
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#20
3+4-Methylphenols
Concen: 45.188 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.7	69.9	109.9	
77	32.1	11.2	51.2	
79	26.7	6.6	46.6	





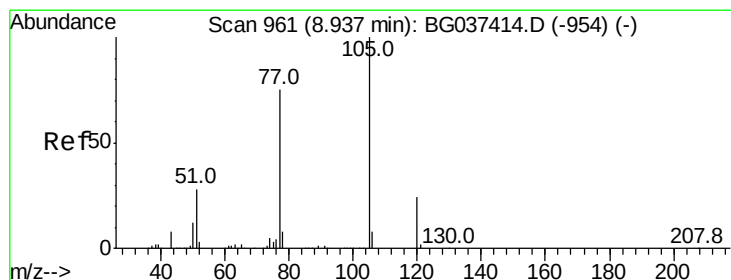
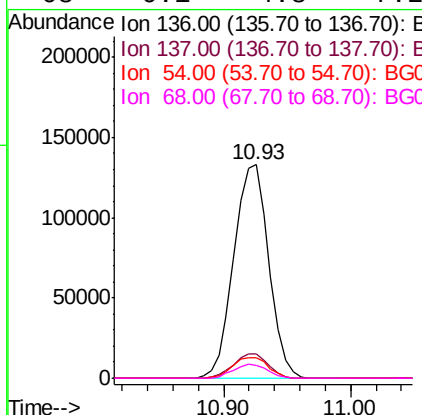
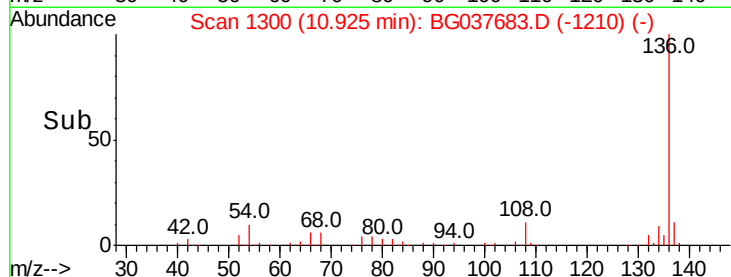
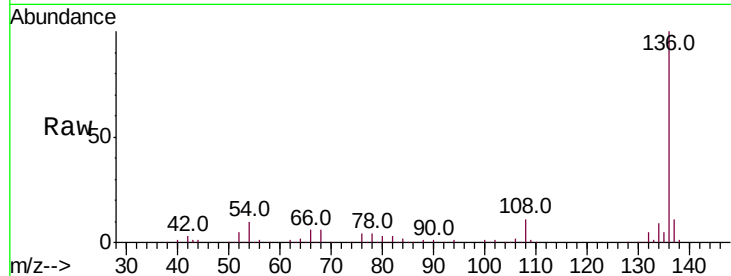
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :
PB114332BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	9.6	14.4	
54	9.7	7.9	11.9	
68	6.1	4.8	7.2	

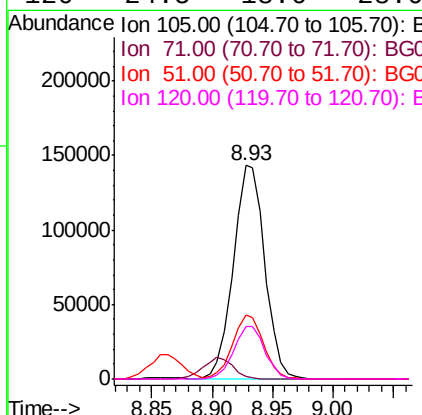
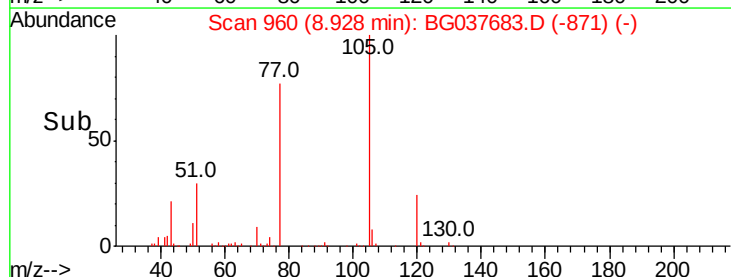
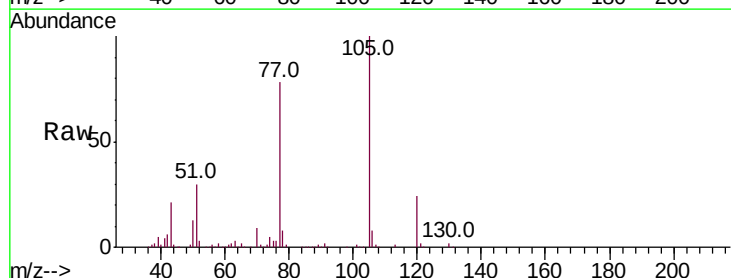
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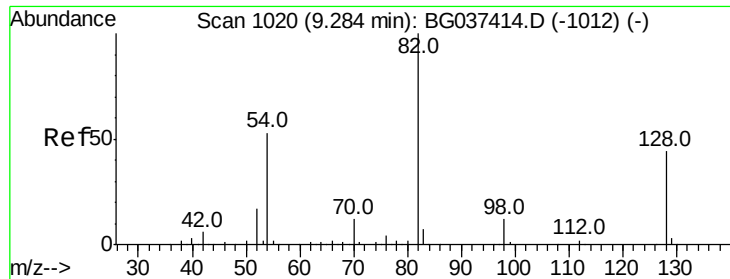
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#22
Acetophenone
Concen: 40.653 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.2	1.2	1.8#	
51	30.3	25.0	37.6	
120	24.5	18.6	28.0	





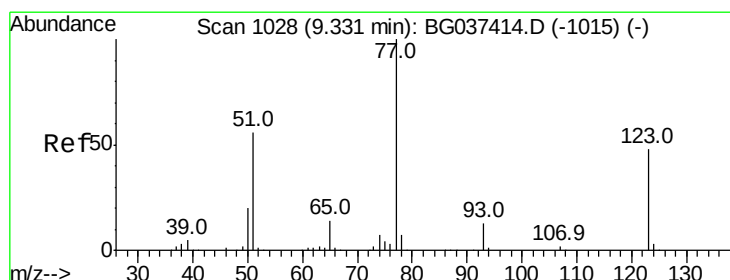
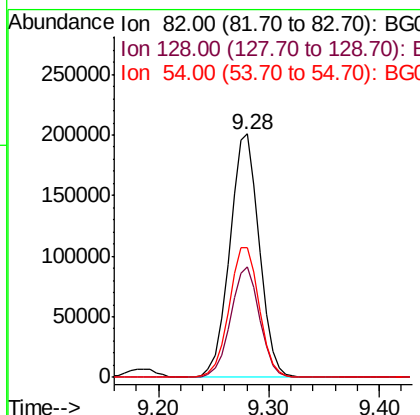
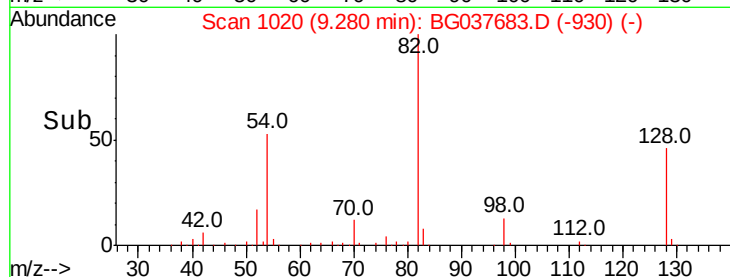
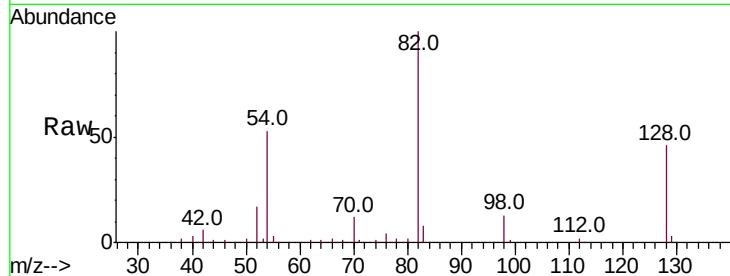
#23
 Nitrobenzene-d5
 Concen: 82.961 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

Instrument :
 BNA_G
 ClientSampleId :
 PB114332BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.6	51.8
54	53.4	45.3	67.9

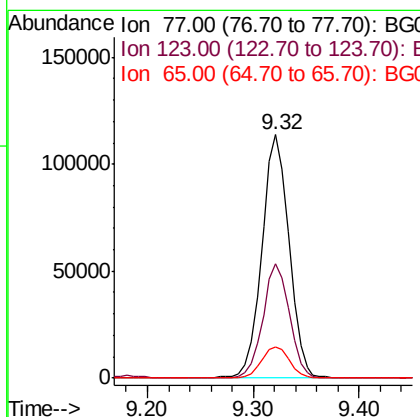
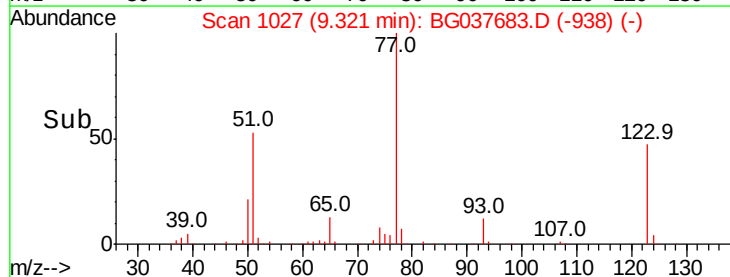
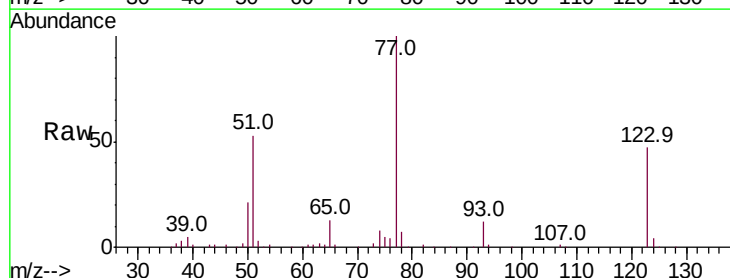
Manual Integrations
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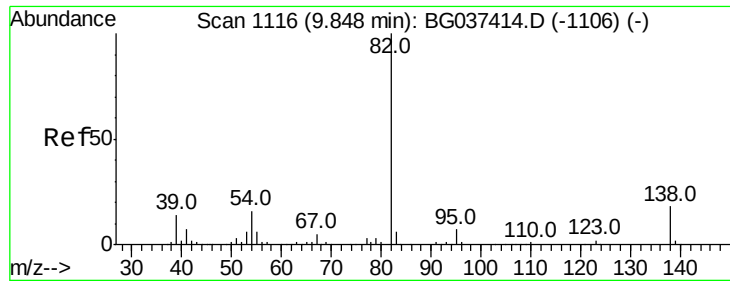
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#24
 Nitrobenzene
 Concen: 43.215 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.0	33.6	50.4
65	12.9	11.3	16.9





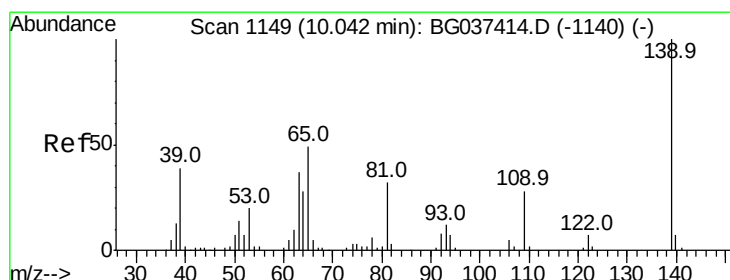
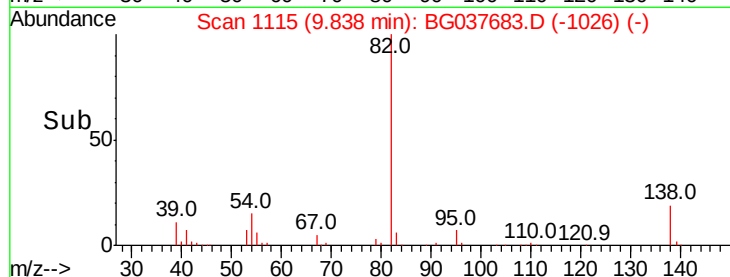
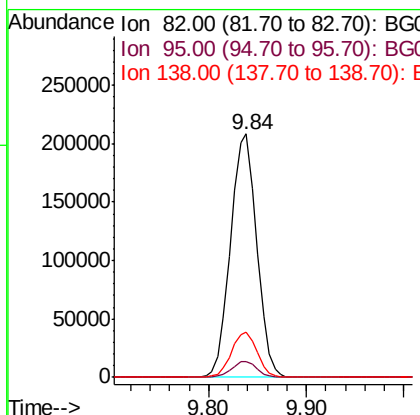
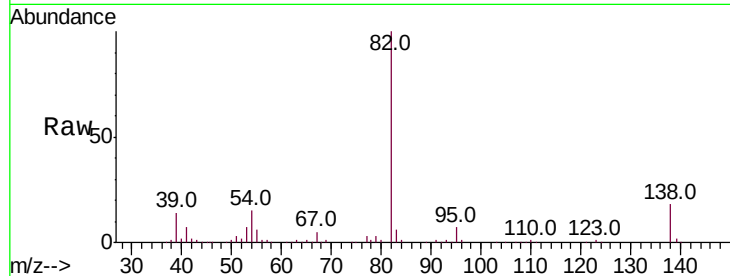
#25
Isophorone
Concen: 46.830 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :
PB114332BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.5	5.3	7.9	
138	18.3	13.3	19.9	

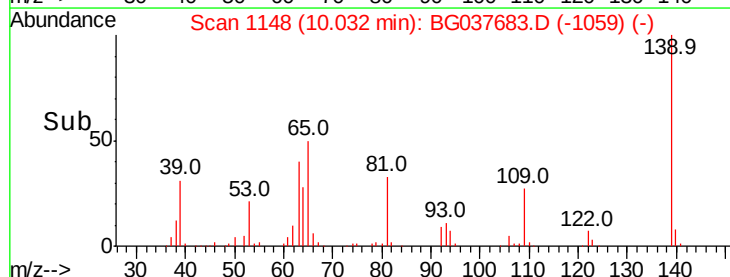
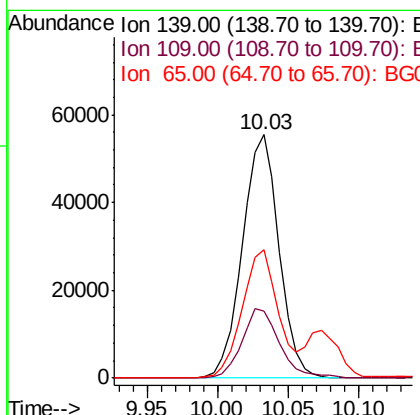
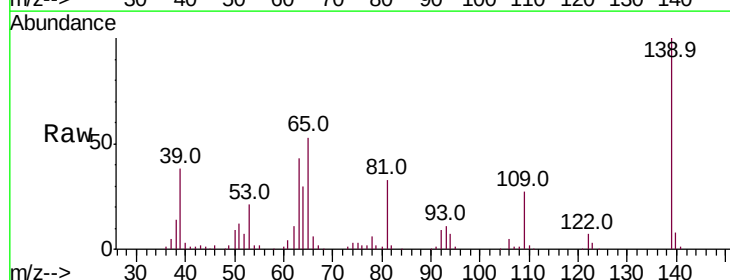
Manual Integrations
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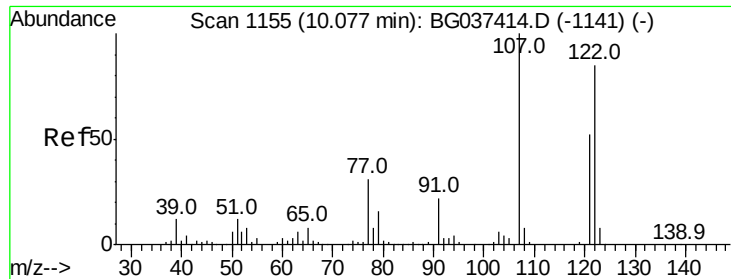
Sohil
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#26
2-Nitrophenol
Concen: 47.380 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	27.5	23.3	34.9	
65	53.0	39.8	59.8	





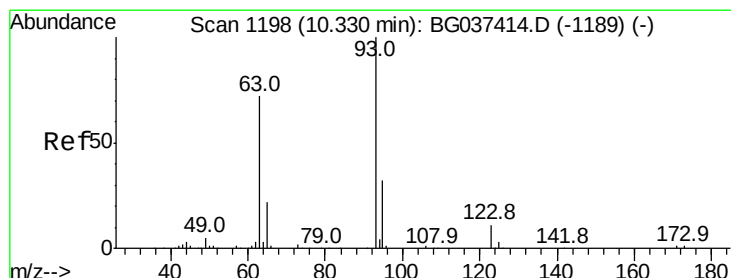
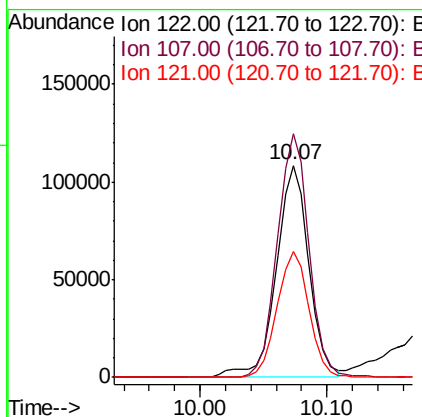
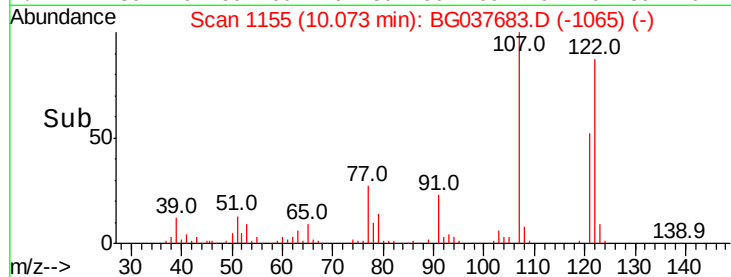
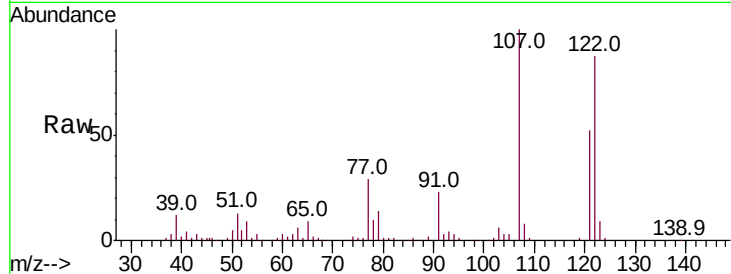
#27
 2,4-Dimethylphenol
 Concen: 51.039 ng
 RT: 10.07 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

Instrument :
 BNA_G
 ClientSampleId :
 PB114332BS

Tot Ion:	122	Resp:	193341
Ion Ratio	Lower	Upper	
122	100		
107	114.7	94.2	141.2
121	59.3	47.3	70.9

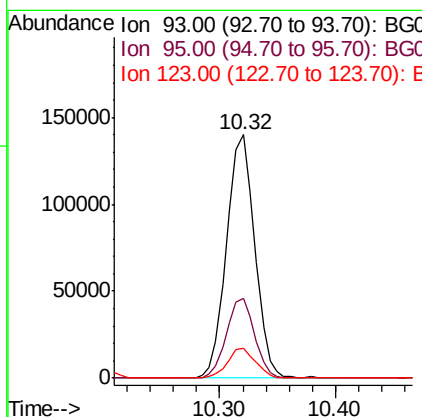
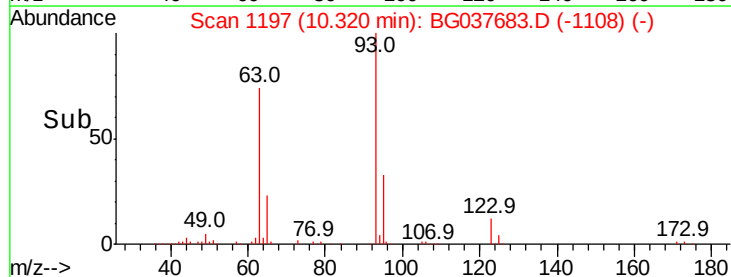
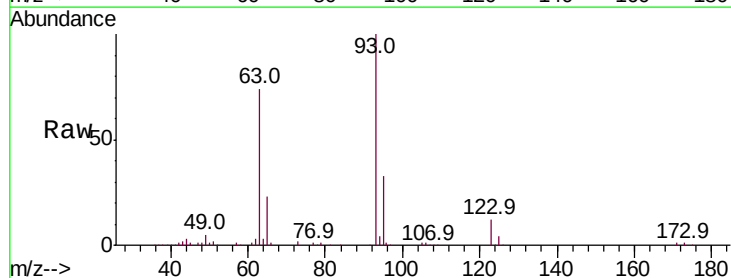
Manual Integrations
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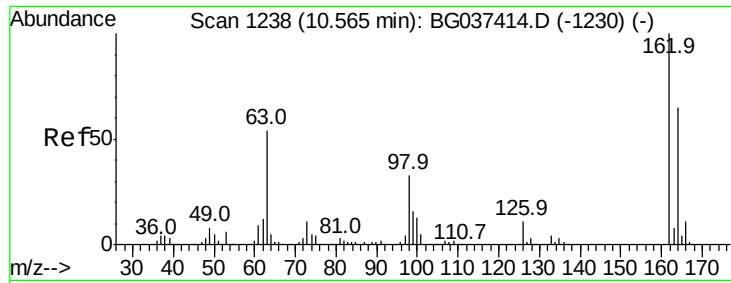
Sohil
 11/1/2018 10:43:42 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.700 ng
 RT: 10.32 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

Tgt Ion:	93	Resp:	237159
Ion Ratio	Lower	Upper	
93	100		
95	32.8	24.6	37.0
123	12.3	9.1	13.7





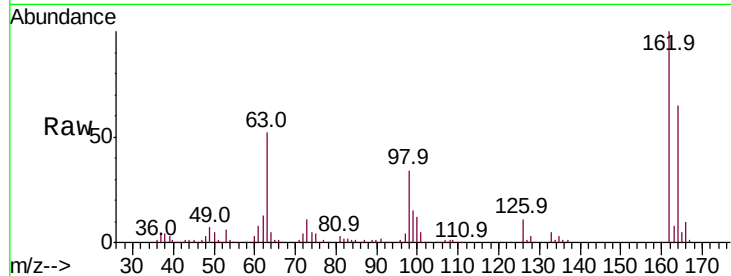
#29
2,4-Dichlorophenol
Concen: 46.986 ng
RT: 10.56 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :
PB114332BS

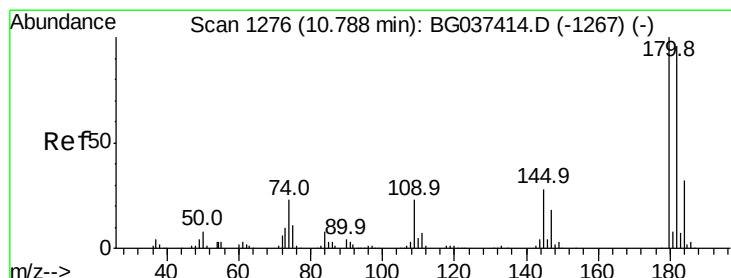
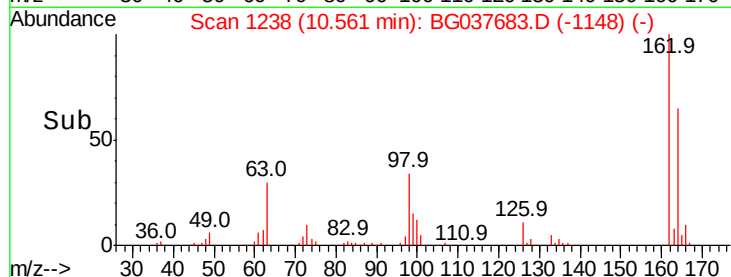
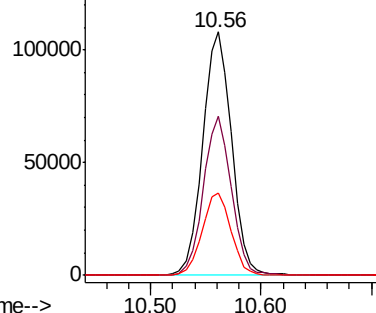
Tot Ion	Ratio	Resp	Lower	Upper
162	100	198170		
164	65.2	43.2	83.2	
98	33.6	16.0	56.0	

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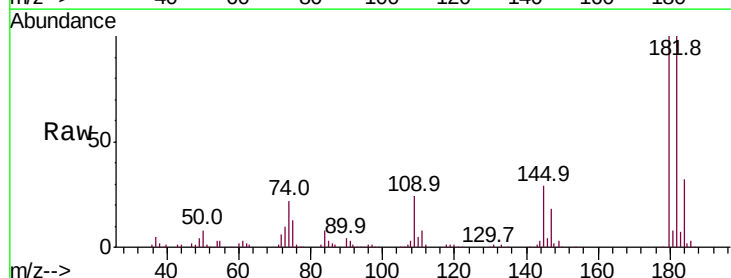


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

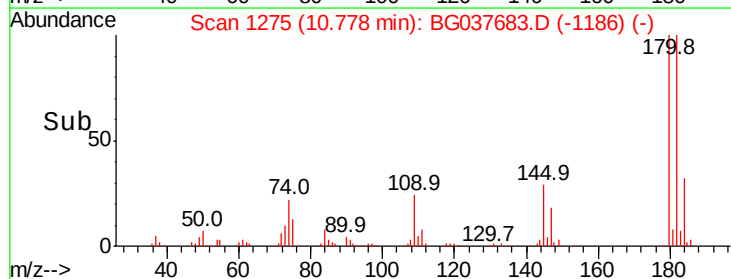
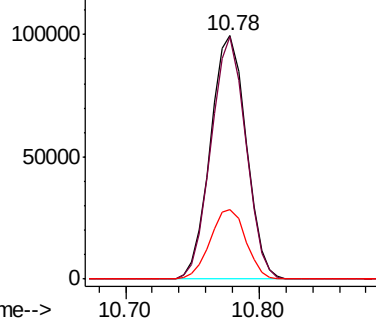


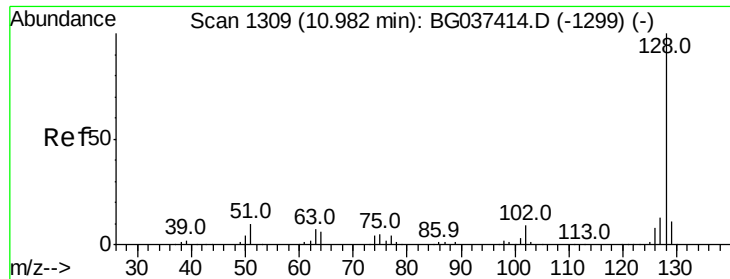
#30
1,2,4-Trichlorobenzene
Concen: 40.282 ng
RT: 10.78 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	184757		
182	99.8	77.7	116.5	
145	28.7	23.3	34.9	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





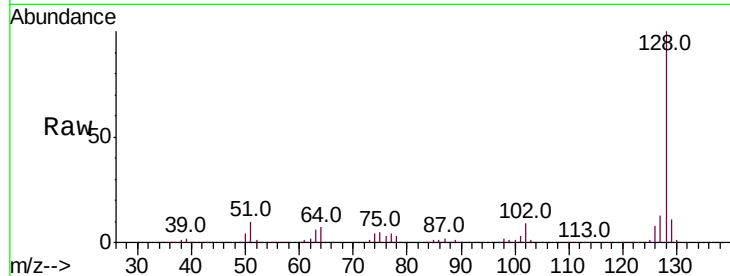
#31
Naphthalene
Concen: 44.121 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :
PB114332BS

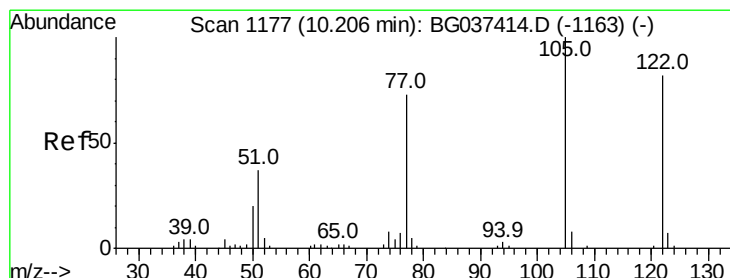
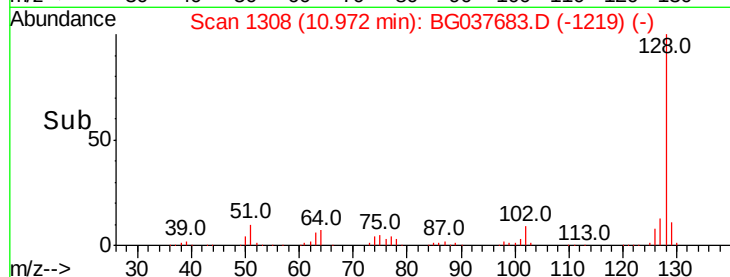
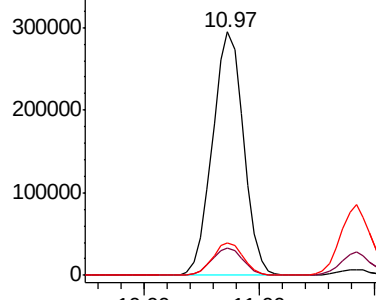
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.4	11.1	16.7

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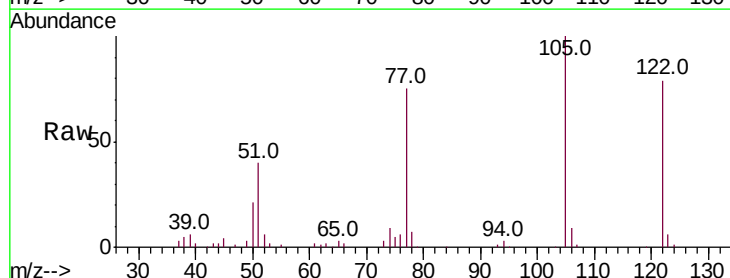


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

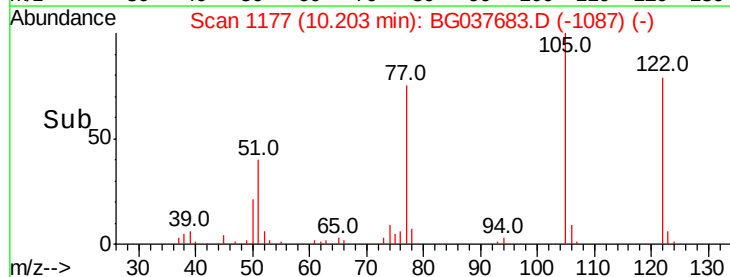
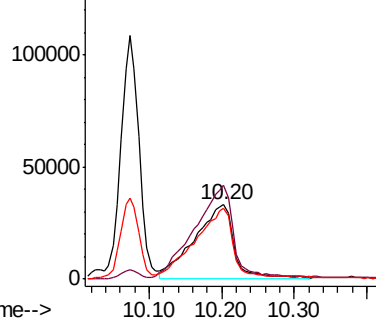


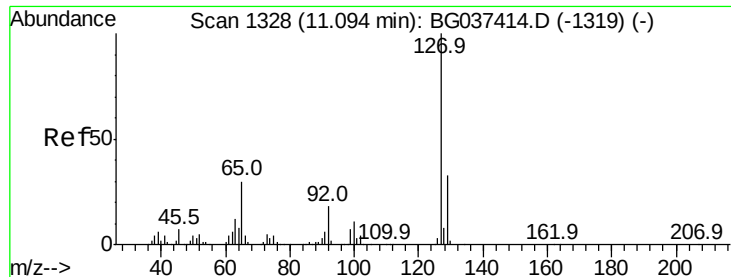
#32
Benzoic acid
Concen: 52.231 ng
RT: 10.20 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.7	106.7	146.7
77	95.1	72.2	112.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO





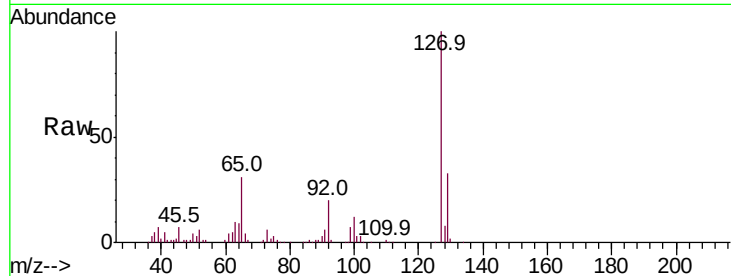
#33
4-Chloroaniline
Concen: 27.082 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :
PB114332BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	27.1	40.7	
65	31.2	26.6	39.8	
92	19.8	16.4	24.6	

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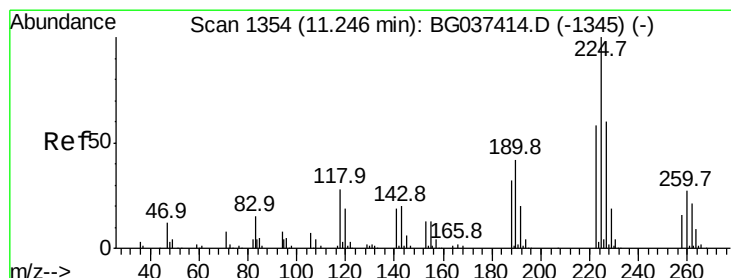
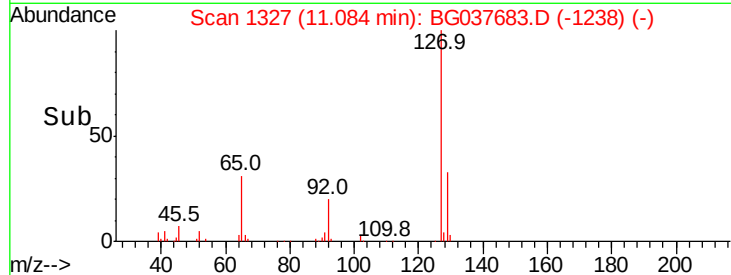
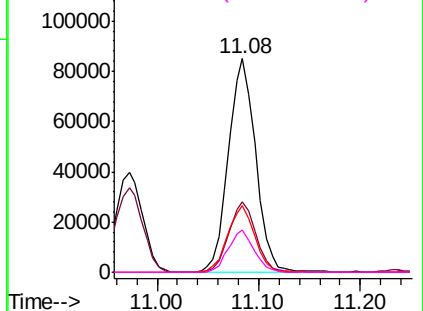
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

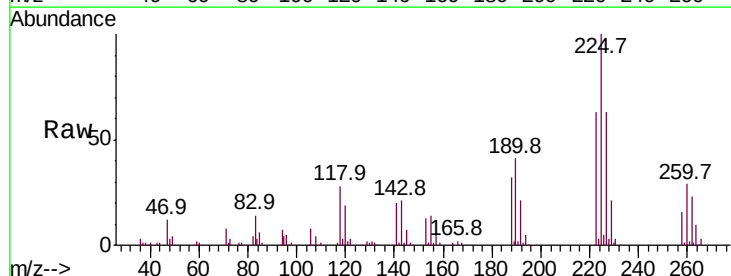
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 38.667 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.0	48.2	72.4	
227	62.2	51.6	77.4	

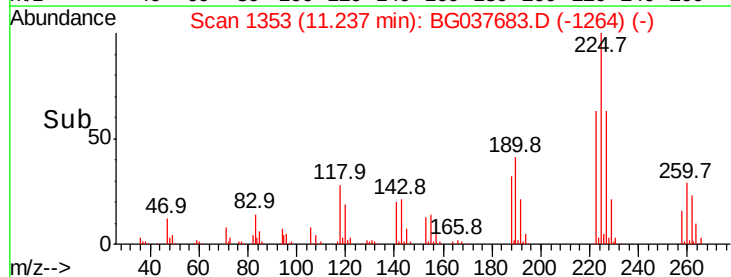
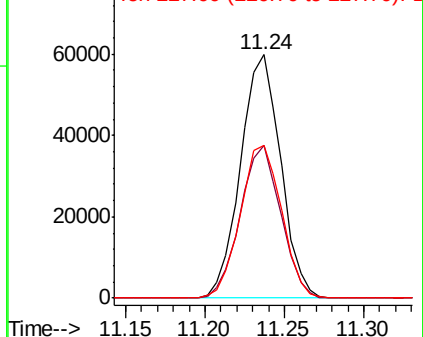


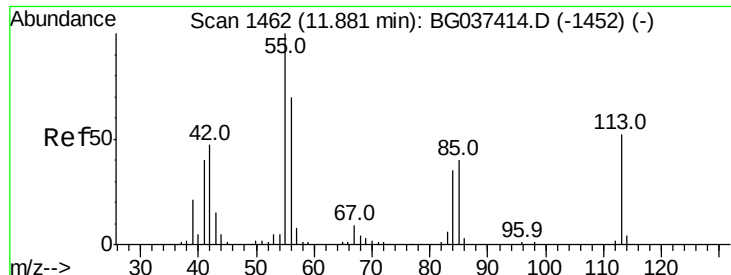
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





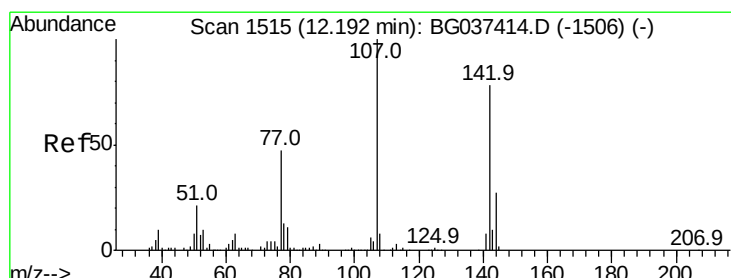
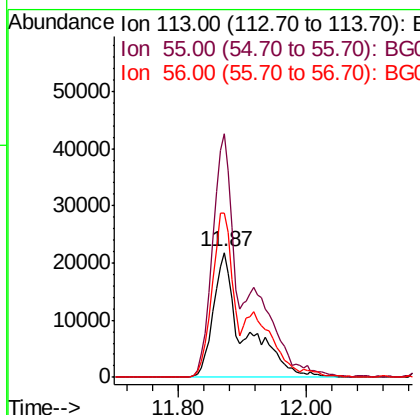
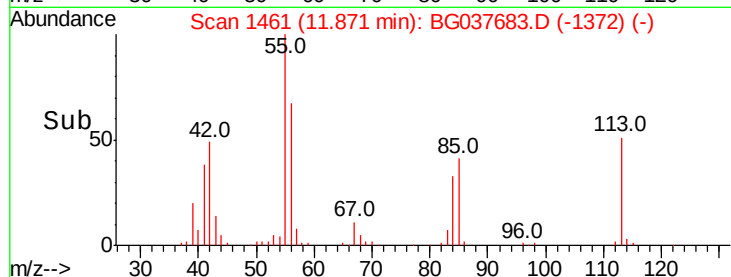
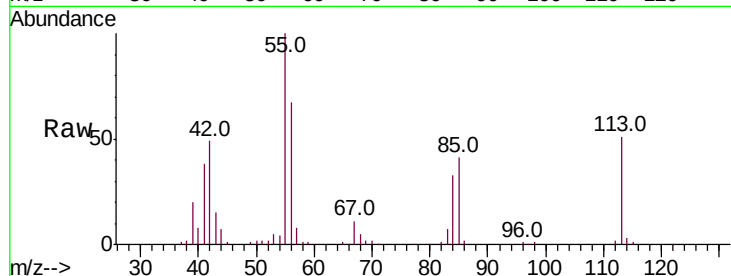
#35
Caprolactam
Concen: 42.706 ng/ml
RT: 11.87 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :
PB114332BS

Tot Ion:113 Resp: 72239
Ion Ratio Lower Upper
113 100
55 195.3 176.6 216.6
56 131.4 128.3 168.3

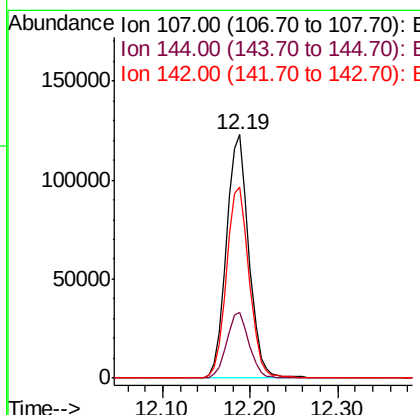
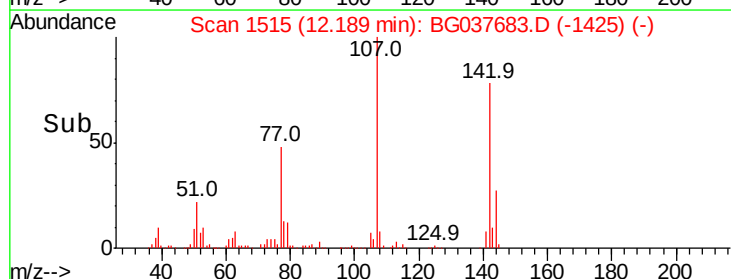
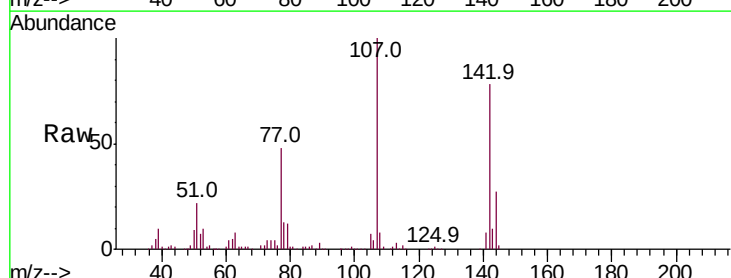
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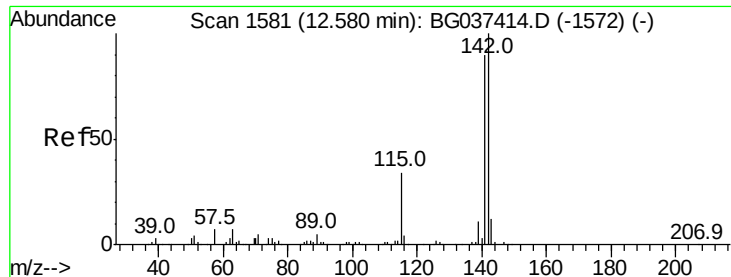
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#36
4-Chloro-3-methylphenol
Concen: 45.536 ng
RT: 12.19 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion:107 Resp: 216592
Ion Ratio Lower Upper
107 100
144 27.1 20.7 31.1
142 78.3 64.4 96.6





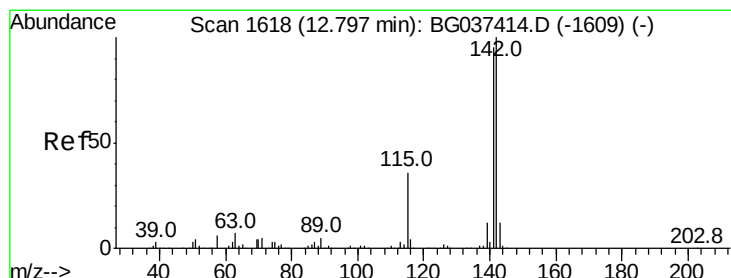
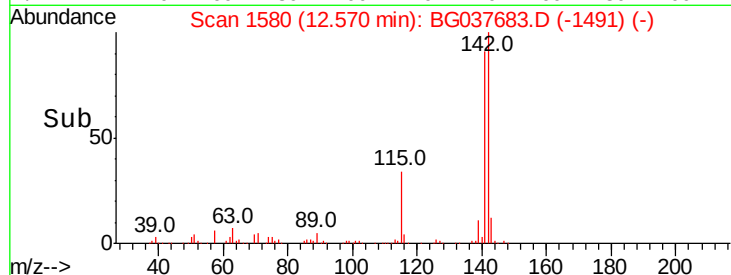
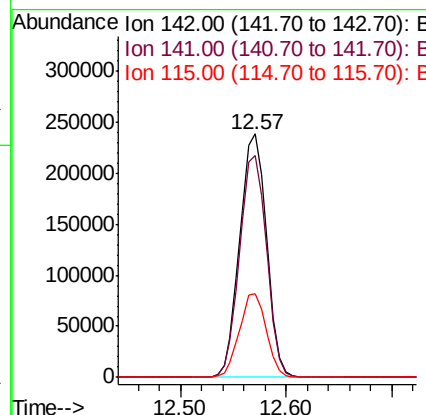
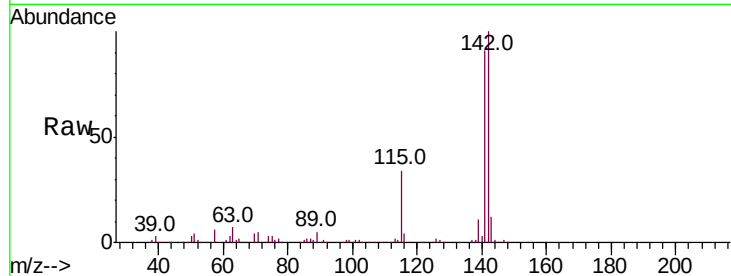
#37
2-Methylnaphthalene
Concen: 45.972 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :
PB114332BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	418015		
141	91.1	71.9	107.9	
115	34.2	27.8	41.8	

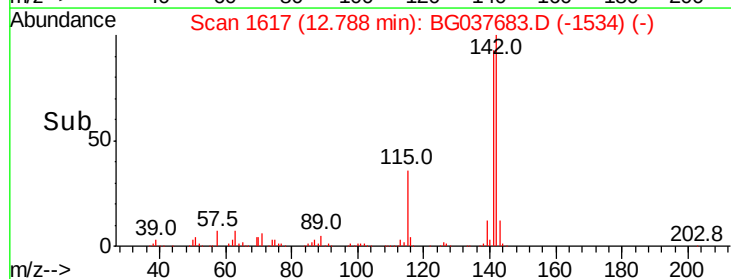
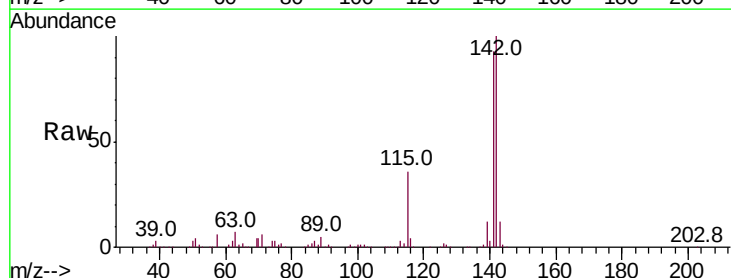
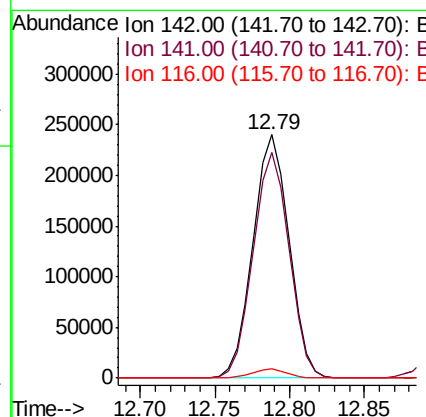
Manual Integrations
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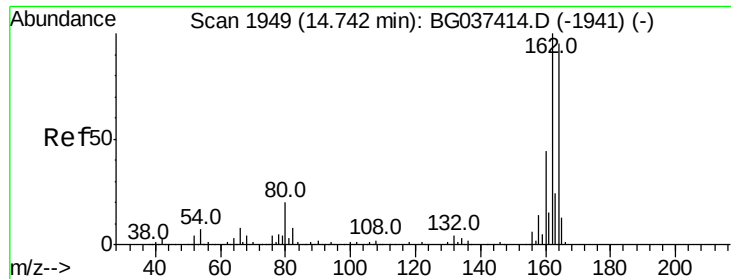
Sohil
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#38
1-Methylnaphthalene
Concen: 45.371 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	400642		
141	92.6	75.2	112.8	
116	3.7	3.3	4.9	





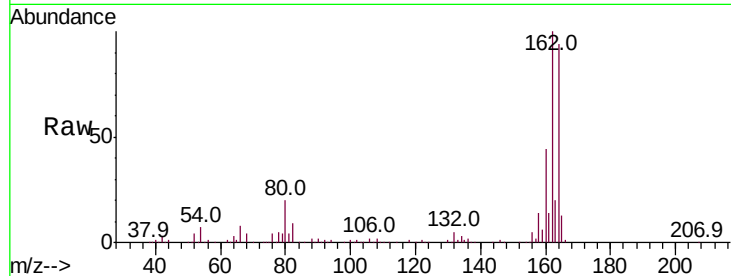
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampled :
PB114332BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	169474		
162	106.3	81.3	121.9	
160	46.5	36.3	54.5	

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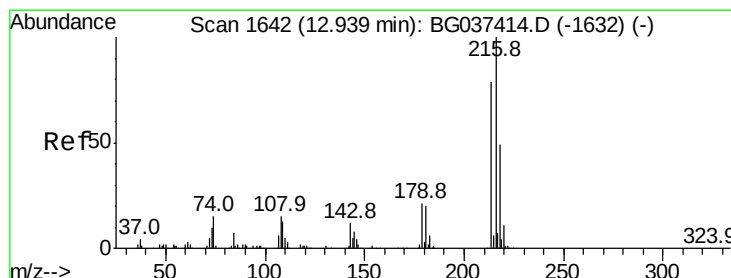
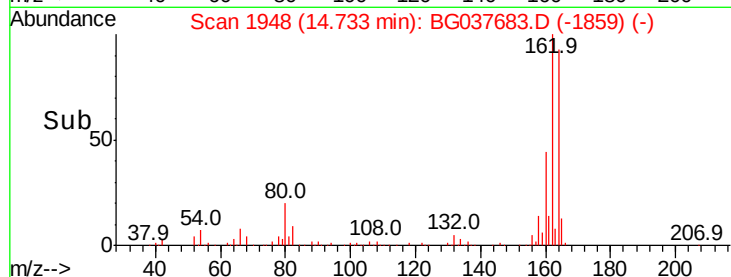
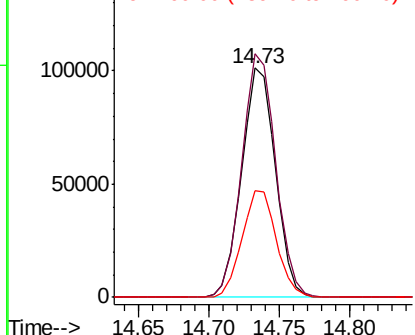


Abundance

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: 39.380 ng
RT: 12.93 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	215269		
214	78.6	63.8	95.6	
179	21.2	17.4	26.0	
108	18.9	13.9	20.9	

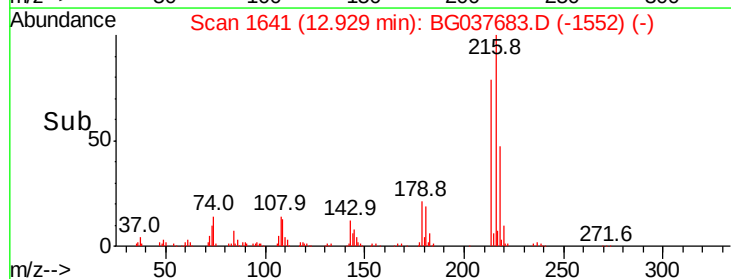
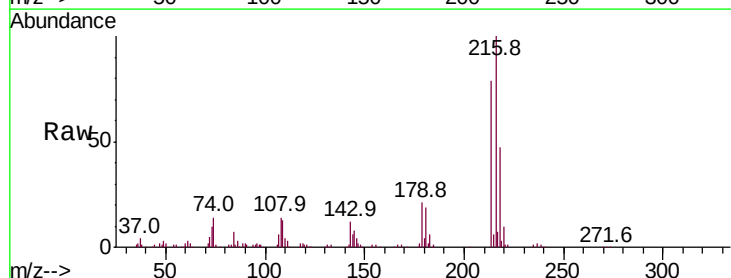
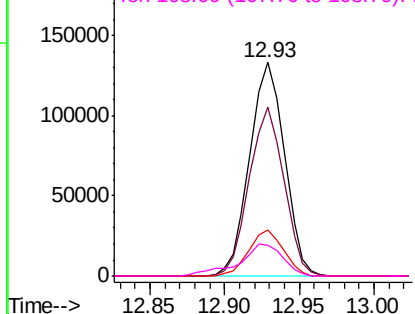
Abundance

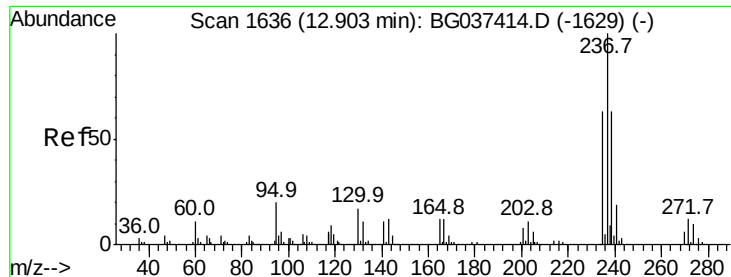
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 99.786 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

BNA_G

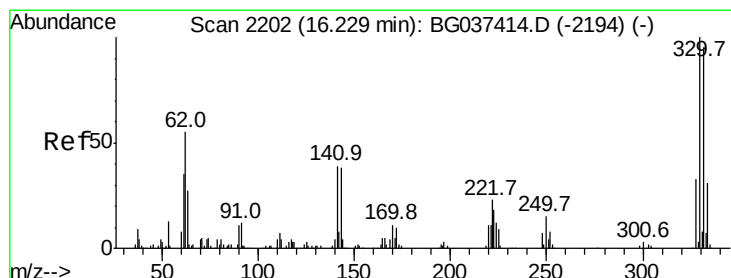
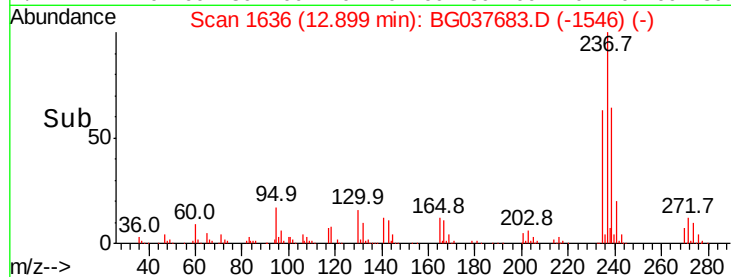
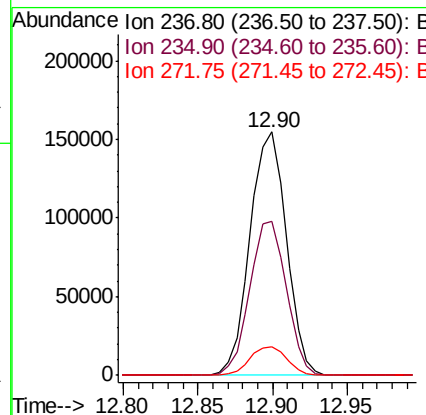
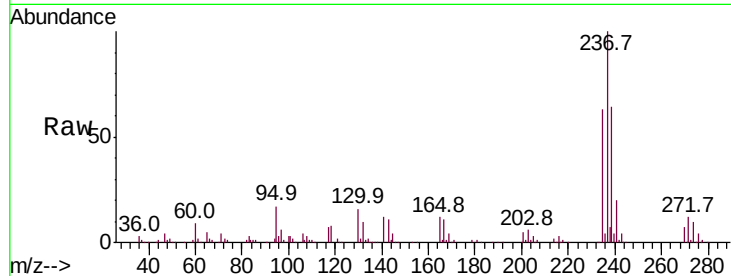
ClientSampleId :

PB114332BS

Tot Ion:	237	Resp:	260559
Ion Ratio		Lower	Upper
237	100		
235	63.2	42.5	82.5
272	11.8	0.0	31.6

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#42

2,4,6-Tribromophenol

Concen: 167.413 ng

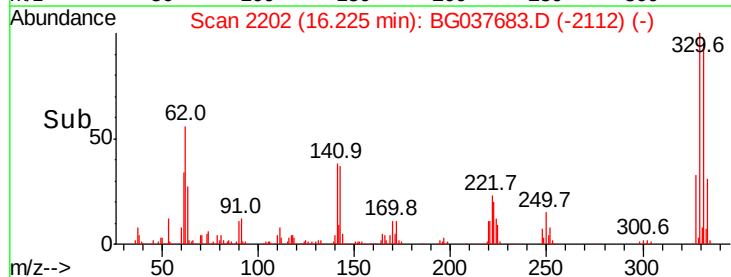
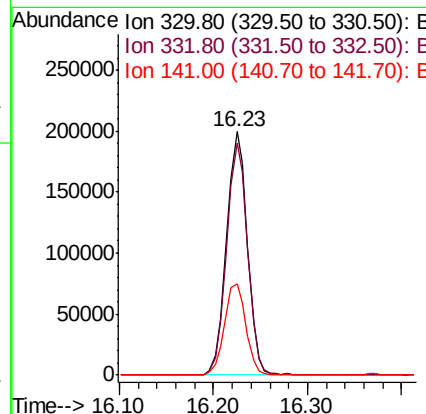
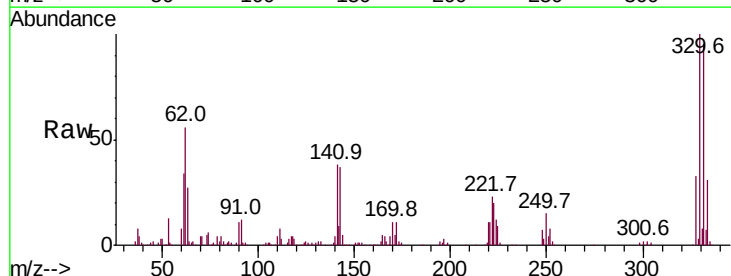
RT: 16.23 min Scan# 2202

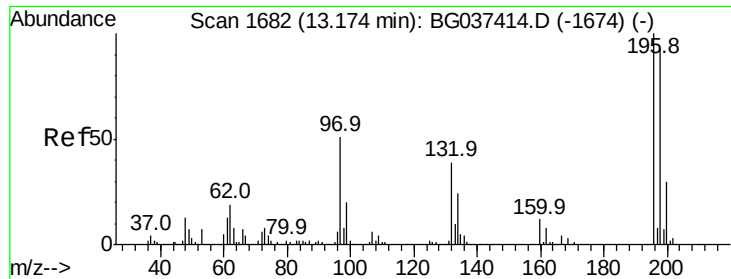
Delta R.T. -0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Tgt Ion:	330	Resp:	309452
Ion Ratio		Lower	Upper
330	100		
332	95.6	78.4	117.6
141	38.7	32.2	48.2





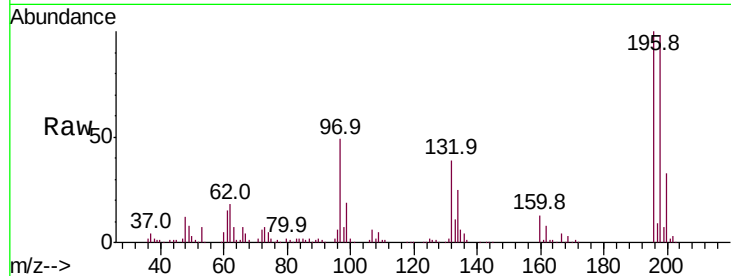
#43
2,4,6-Trichlorophenol
Concen: 45.795 ng
RT: 13.17 min Scan# 1682
Delta R.T. -0.00 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampled :
PB114332BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	167246		
198	97.7	76.4	114.6	
200	32.5	24.9	37.3	

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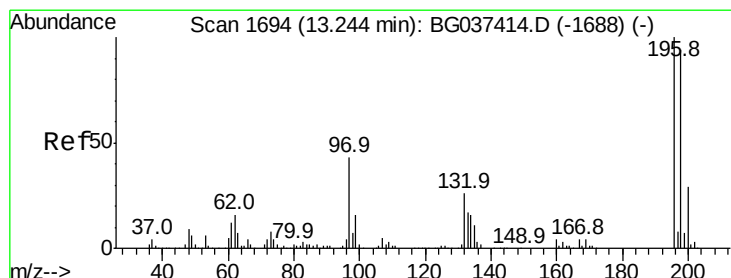
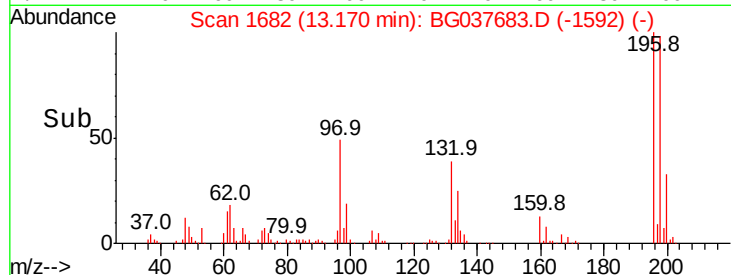
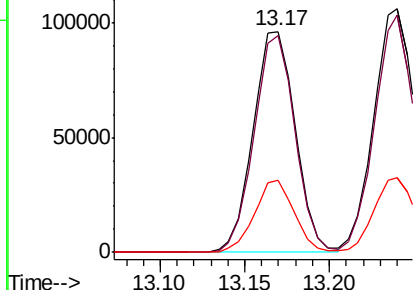


Abundance

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: 45.395 ng
RT: 13.24 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	180503		
198	97.2	74.2	111.2	
97	44.4	34.1	51.1	
132	25.0	20.2	30.4	

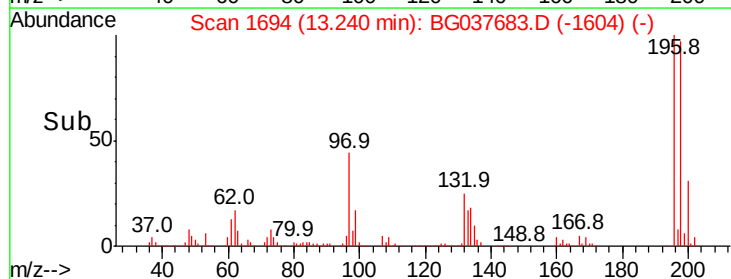
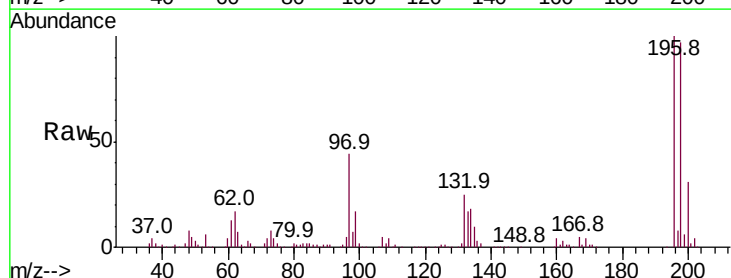
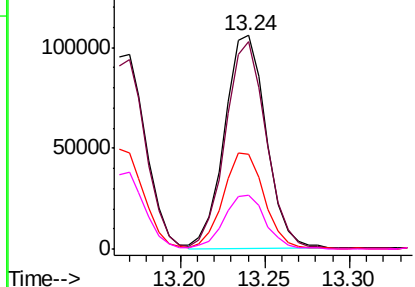
Abundance

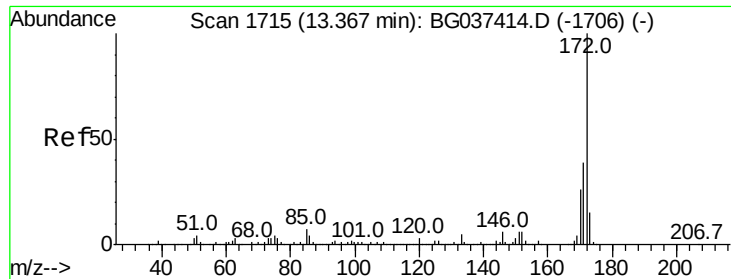
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





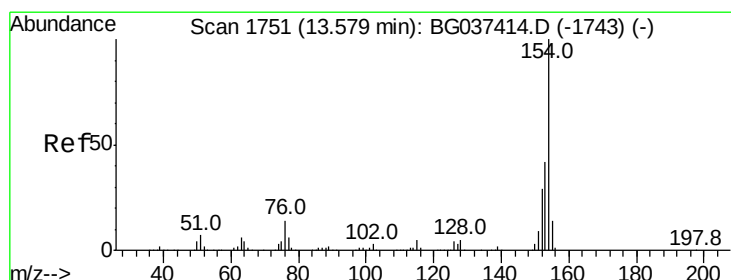
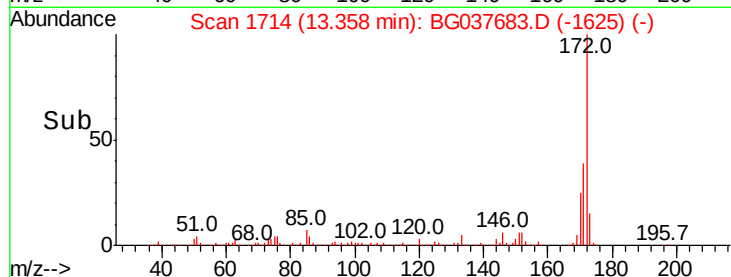
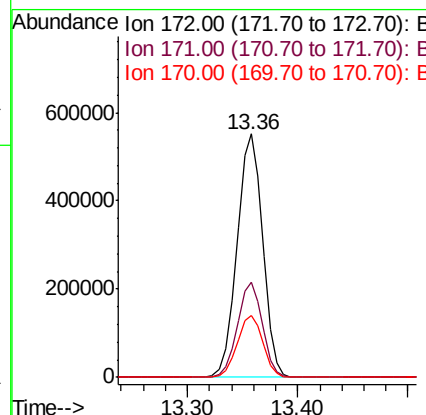
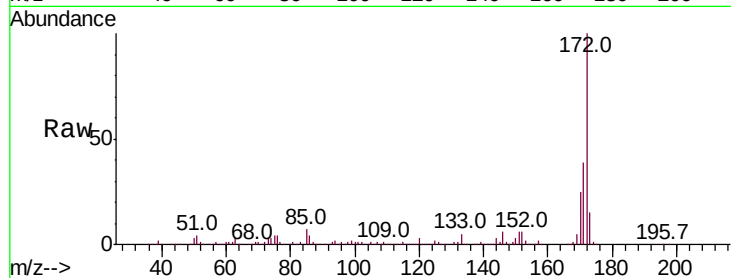
#45
2-Fluorobiphenyl
Concen: 79.798 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :
PB114332BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	896831		
171	39.1		31.0	46.4
170	25.4		20.2	30.2

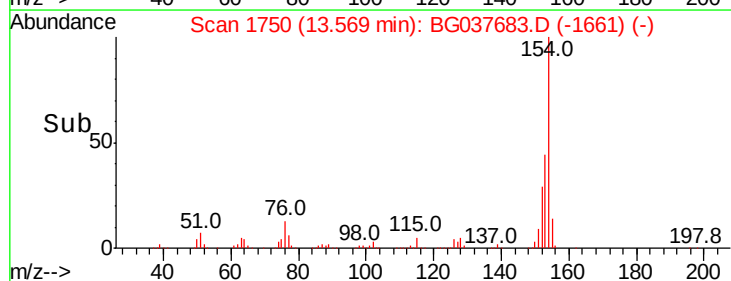
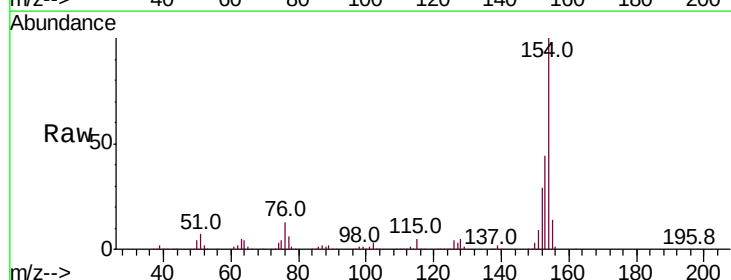
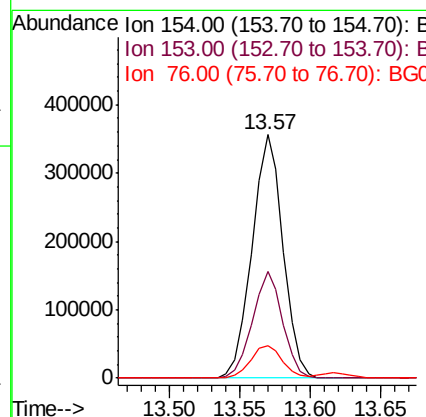
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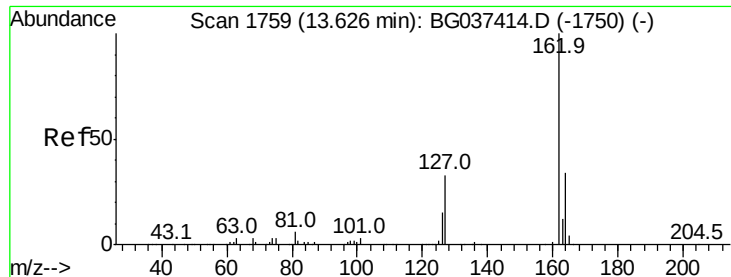
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#46
1,1'-Biphenyl
Concen: 39.029 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	547790		
153	43.8		22.1	62.1
76	13.5		0.0	33.2





#47

2-Chloronaphthalene

Concen: 40.860 ng

RT: 13.62 min Scan# 1758

Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

BNA_G

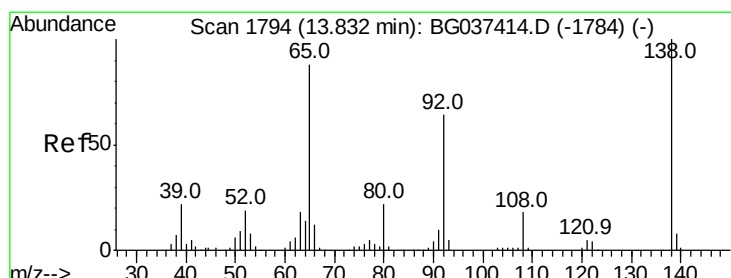
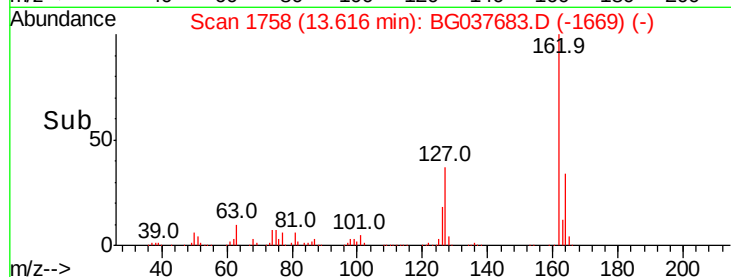
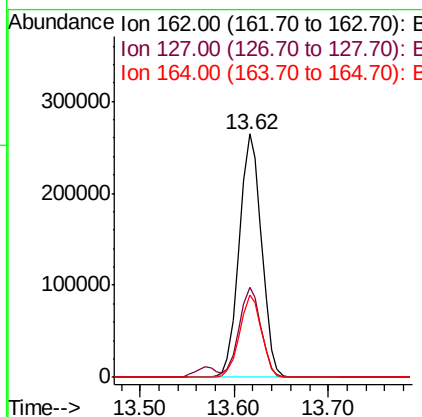
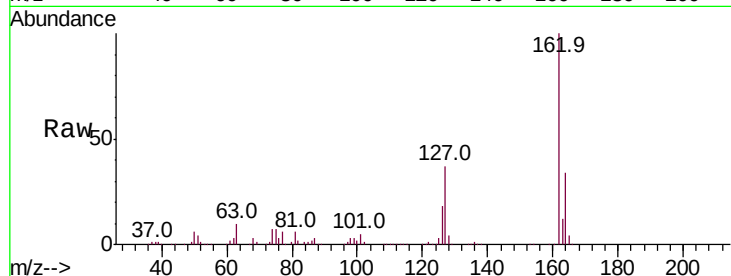
ClientSampleId :

PB114332BS

Tot Ion:	162	Resp:	433866
Ion Ratio	Lower	Upper	
162	100		
127	37.2	30.5	45.7
164	33.7	26.4	39.6

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#48

2-Nitroaniline

Concen: 45.608 ng

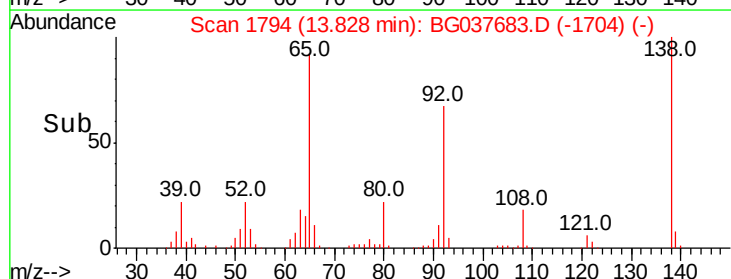
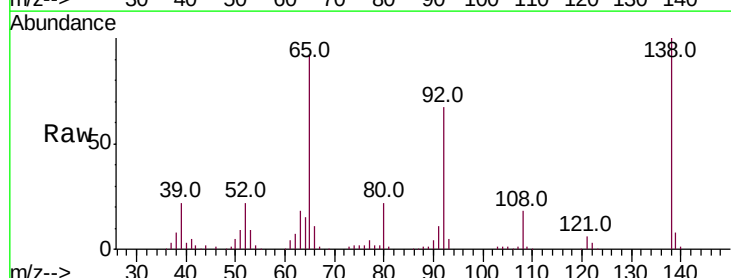
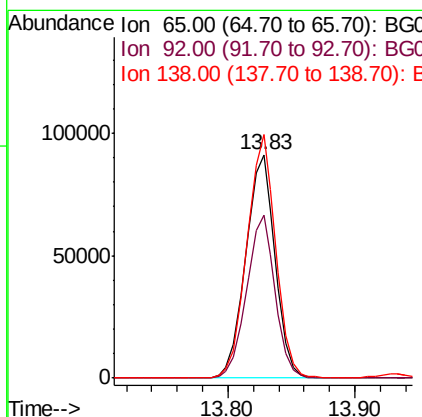
RT: 13.83 min Scan# 1794

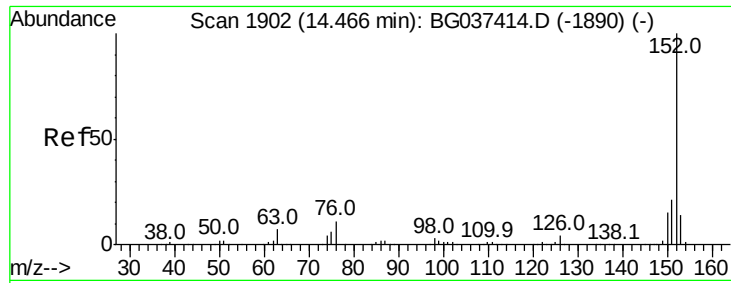
Delta R.T. -0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Tgt Ion:	65	Resp:	146858
Ion Ratio	Lower	Upper	
65	100		
92	72.8	53.2	79.8
138	109.1	79.3	118.9





#49

Acenaphthylene

Concen: 45.149 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

BNA_G

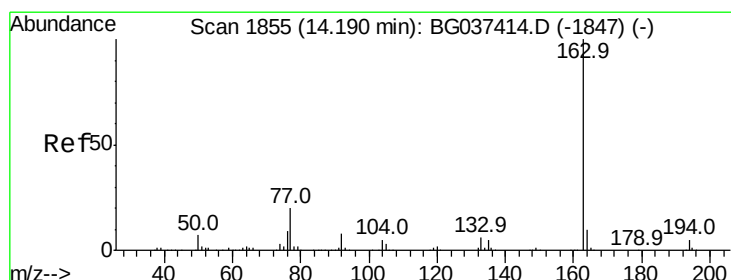
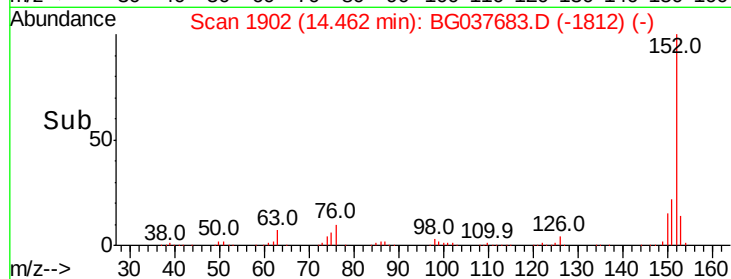
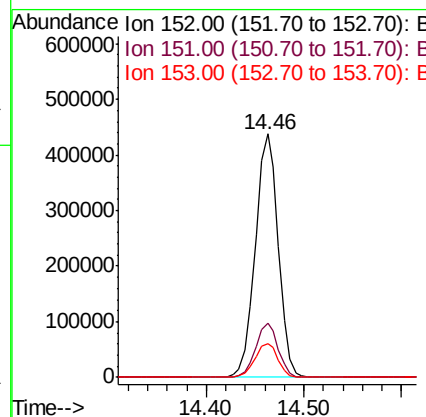
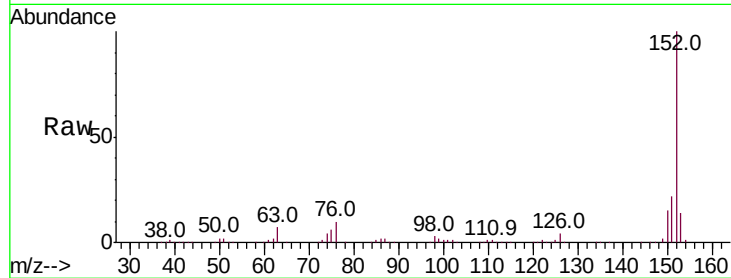
ClientSampleId :

PB114332BS

Tot Ion:	152	Resp:	721159
Ion Ratio	Lower	Upper	
152	100		
151	22.3	17.1	25.7
153	14.0	11.1	16.7

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#50

Dimethylphthalate

Concen: 43.513 ng

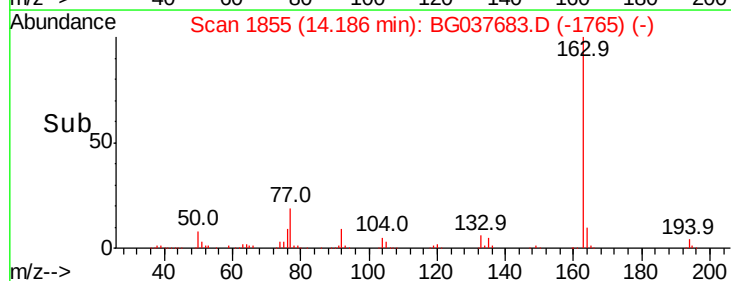
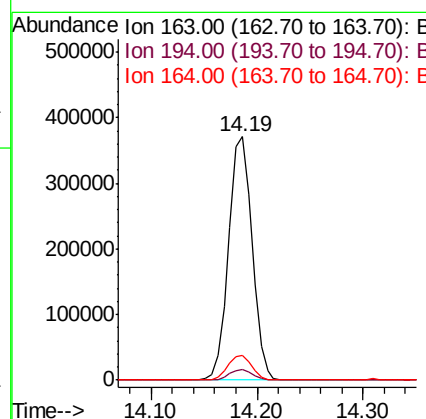
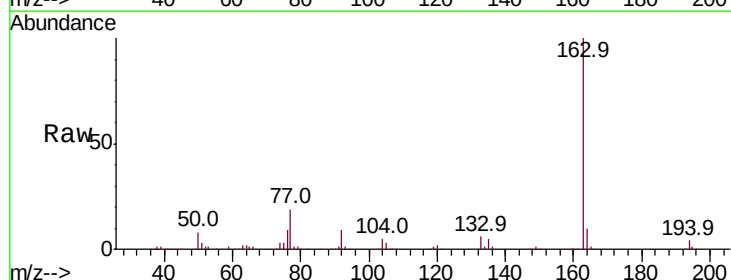
RT: 14.19 min Scan# 1855

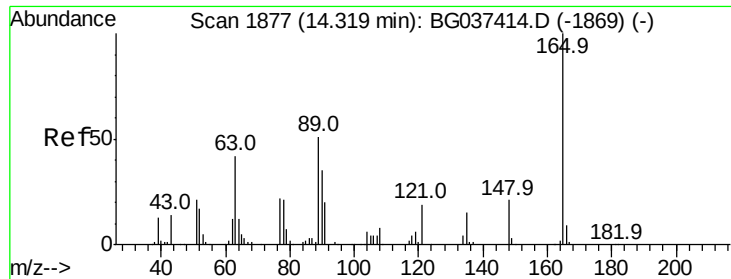
Delta R.T. -0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Tgt Ion:	163	Resp:	570485
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	10.3	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 44.650 ng

RT: 14.32 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

BNA_G

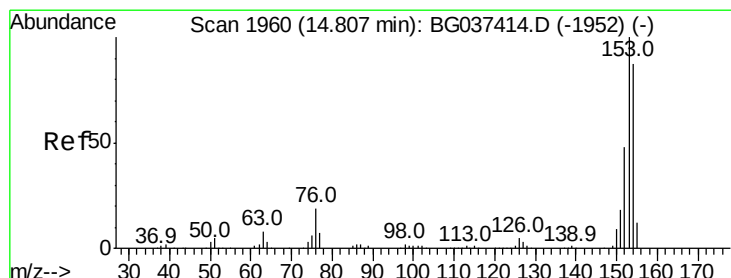
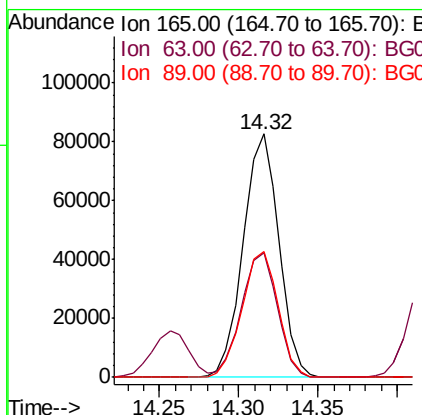
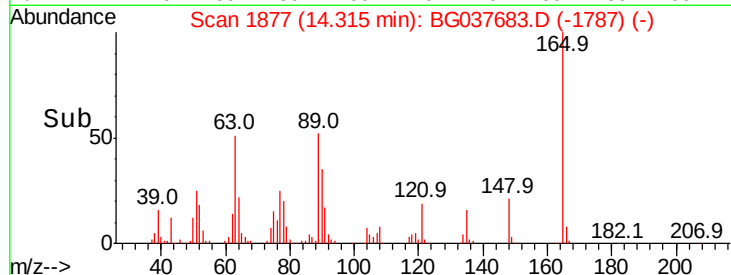
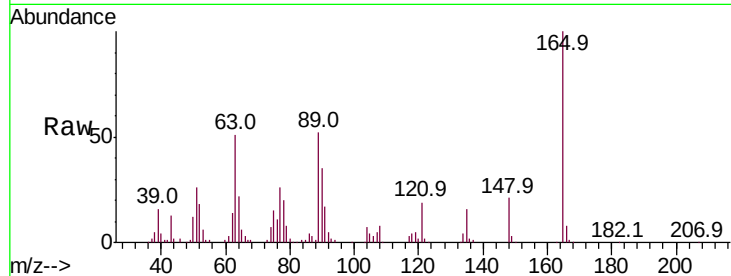
ClientSampleId :

PB114332BS

Tot Ion:	165	Resp:	129501
Ion Ratio	Lower	Upper	
165	100		
63	51.2	43.4	65.2
89	51.7	45.8	68.6

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#52

Acenaphthene

Concen: 42.385 ng

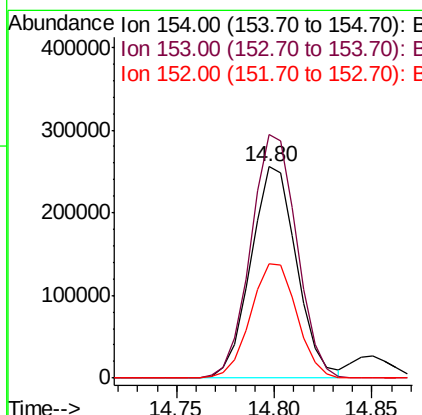
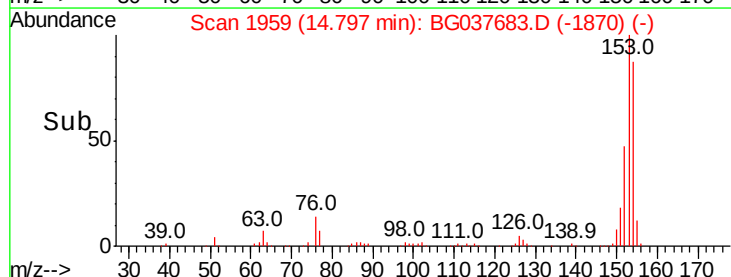
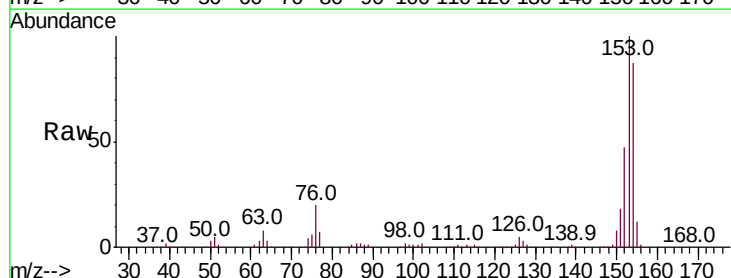
RT: 14.80 min Scan# 1959

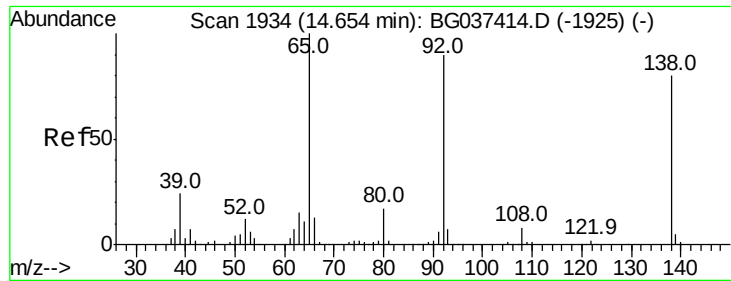
Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Tgt Ion:	154	Resp:	416948
Ion Ratio	Lower	Upper	
154	100		
153	115.4	93.4	140.0
152	54.2	44.7	67.1





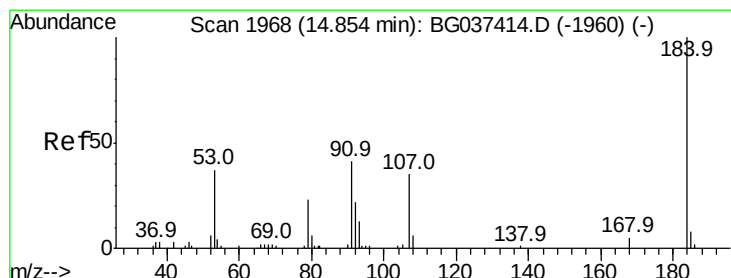
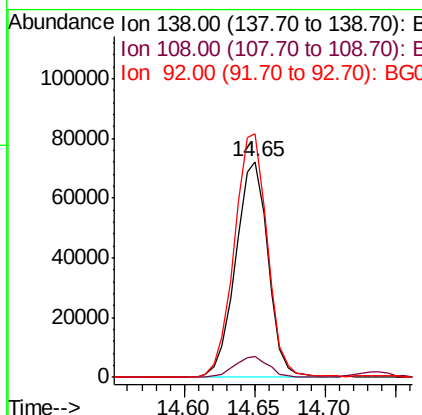
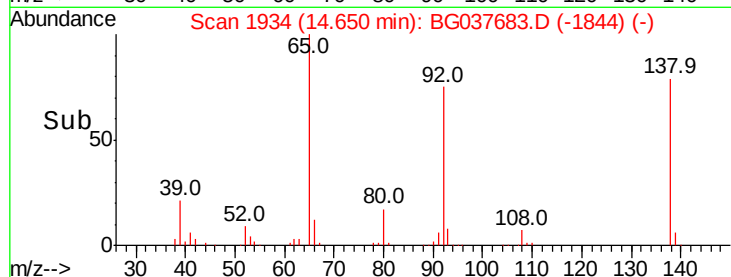
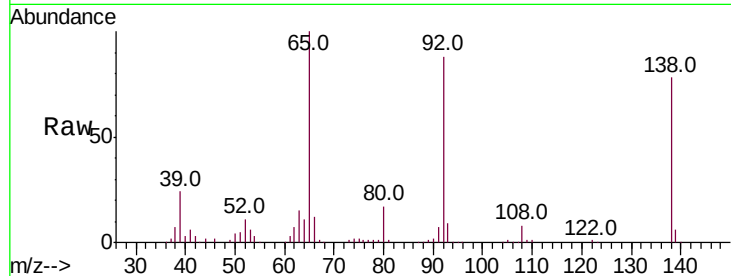
#53
 3-Nitroaniline
 Concen: 36.125 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

Instrument :
 BNA_G
 ClientSampleId :
 PB114332BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	11.0	16.6#
92	112.9	95.2	142.8

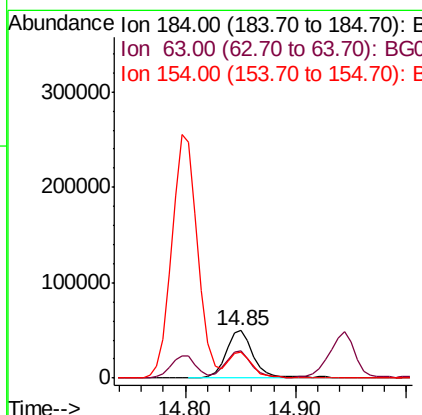
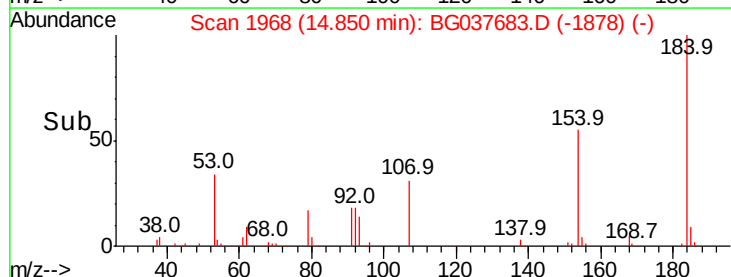
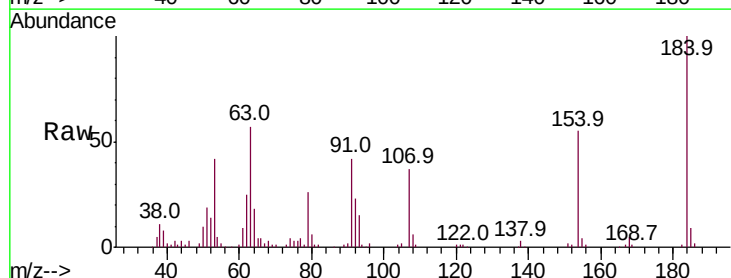
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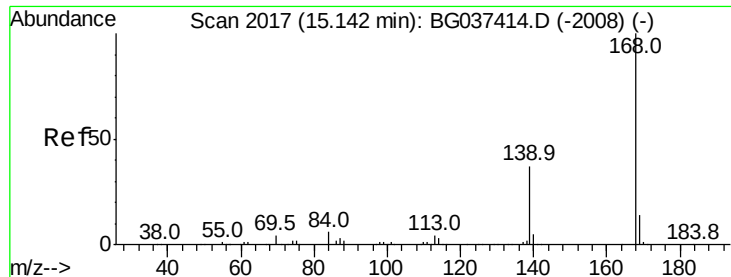
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#54
 2,4-Dinitrophenol
 Concen: 72.349 ng
 RT: 14.85 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.1	42.6	63.8
154	55.0	41.8	62.6





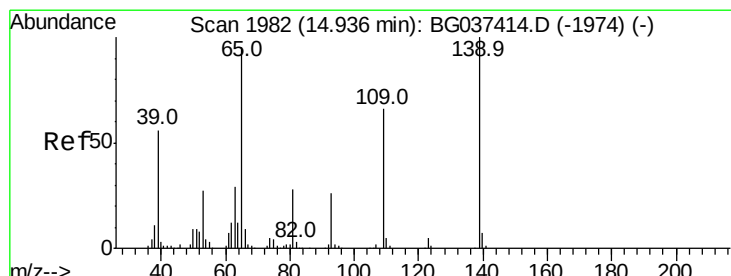
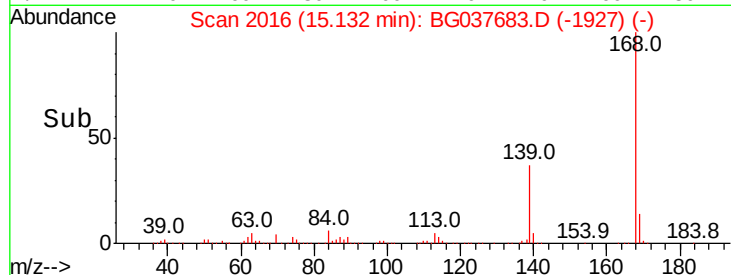
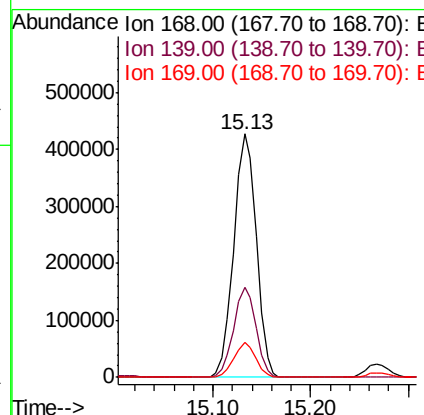
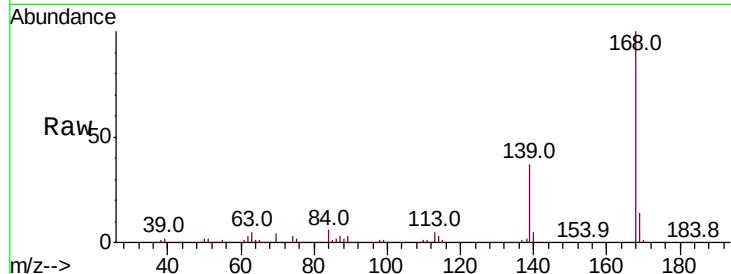
#55
Dibenzenofuran
Concen: 42.024 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :
PB114332BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	29.4	44.0
169	14.2	11.0	16.6

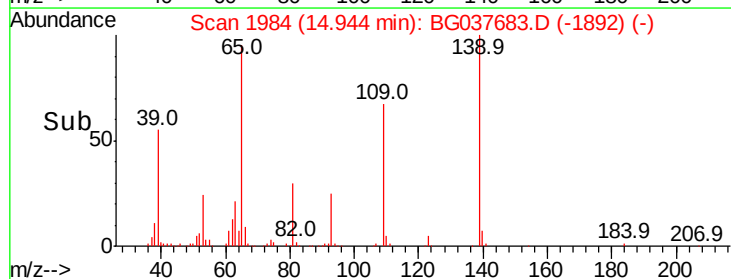
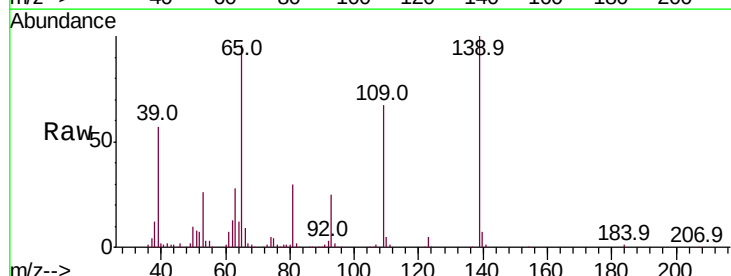
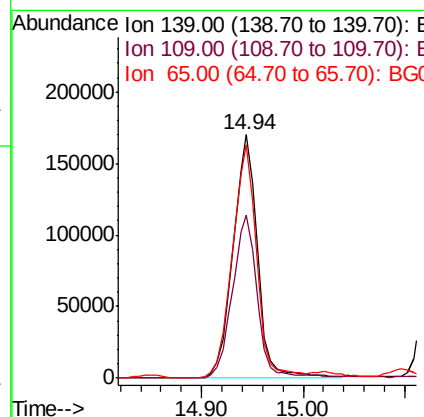
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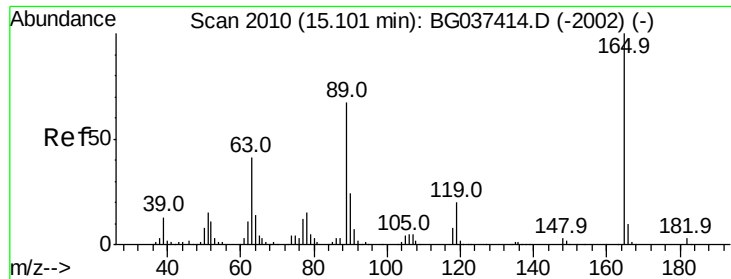
Sohil
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#56
4-Nitrophenol
Concen: 119.720 ng
RT: 14.94 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.1	49.5	89.5
65	95.8	76.8	116.8





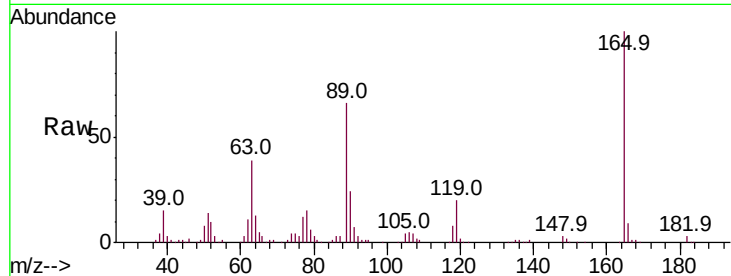
#57
2,4-Dinitrotoluene
Concen: 49.413 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :
PB114332BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	188126		
63	39.4		33.4	50.0
89	65.8		57.2	85.8
182	2.8		2.6	4.0

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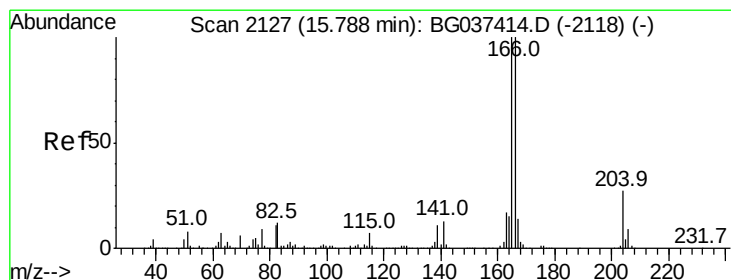
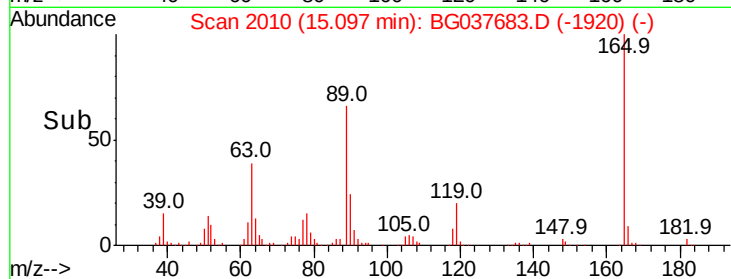
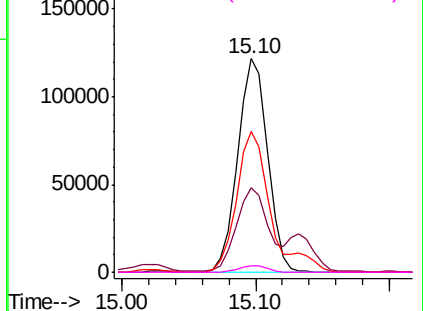
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 45.455 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

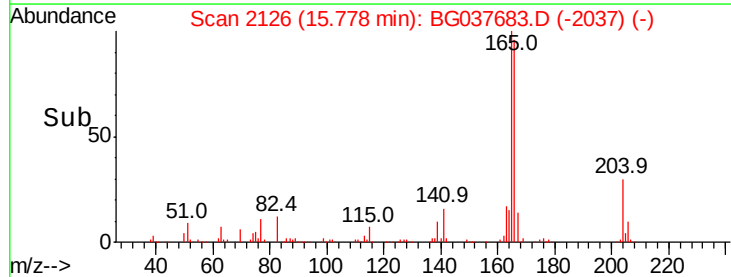
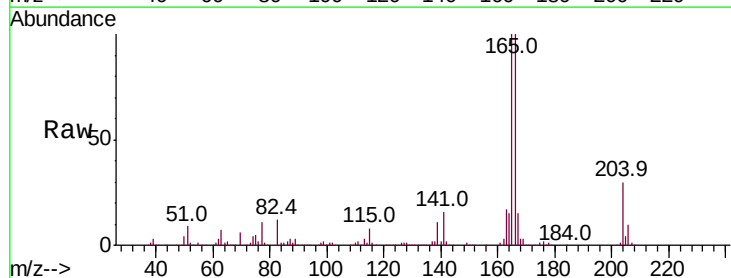
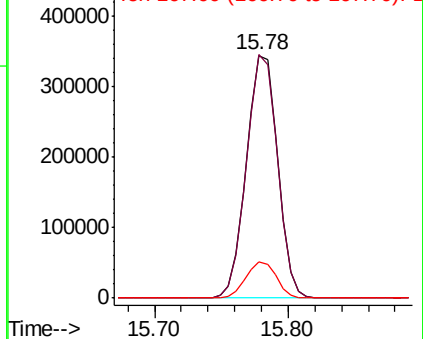
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	554783		
165	100.4		79.0	118.6
167	15.0		11.3	16.9

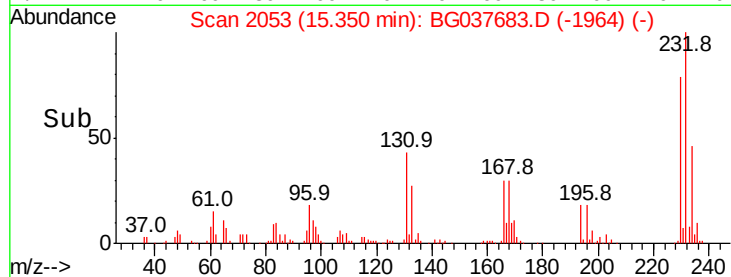
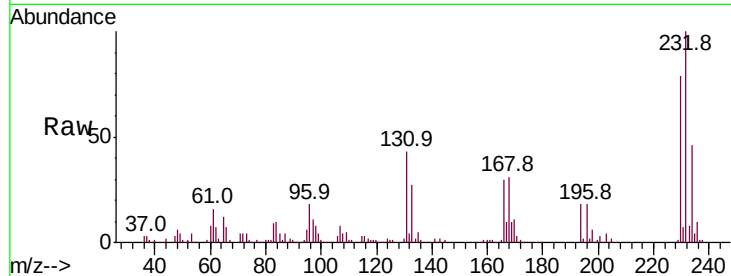
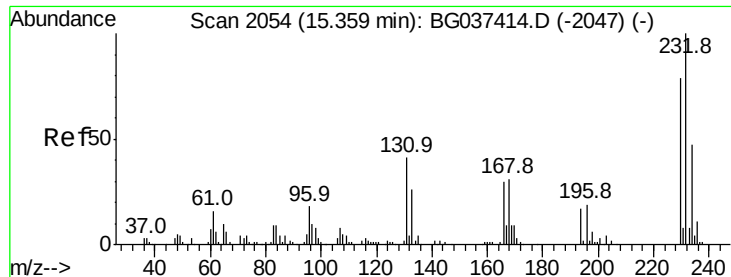
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





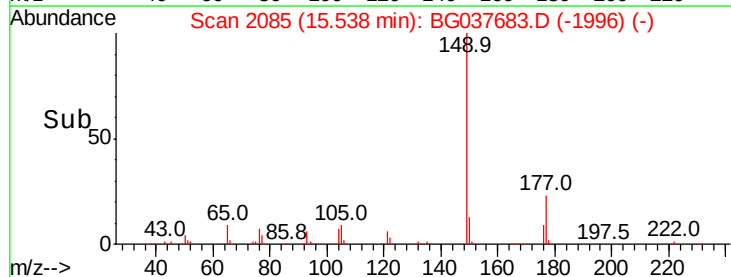
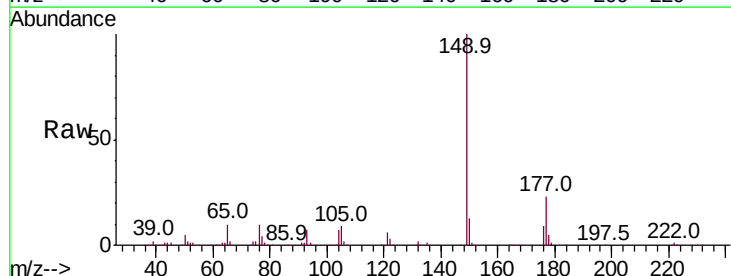
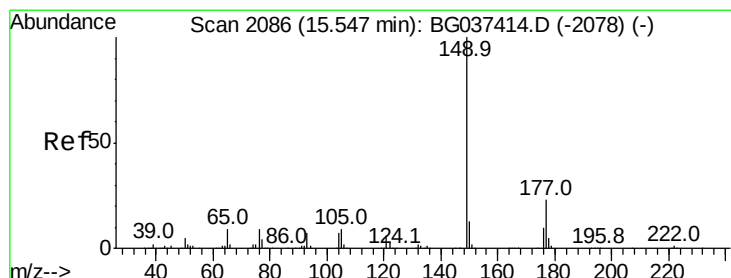
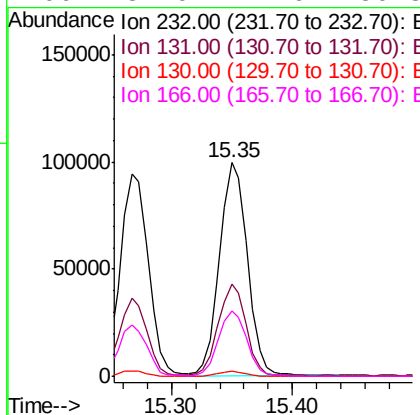
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.619 ng
RT: 15.35 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :
PB114332BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	158713		
131	42.8	33.7	50.5	
130	2.2	2.1	3.1	
166	31.0	24.6	36.8	

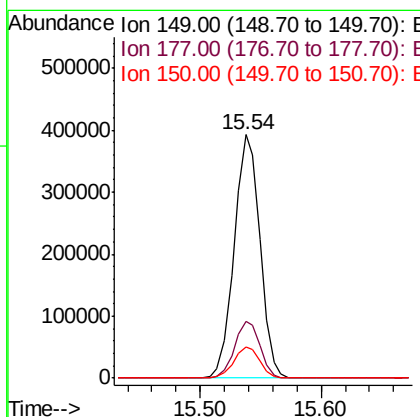
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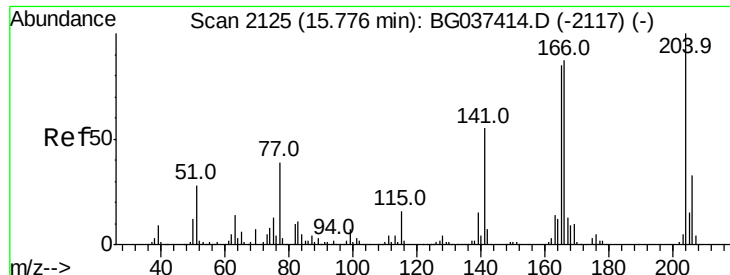
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#60
Diethylphthalate
Concen: 43.287 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	582652		
177	23.2	18.3	27.5	
150	12.5	10.0	15.0	





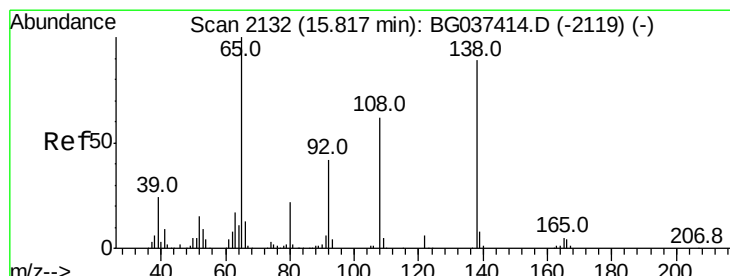
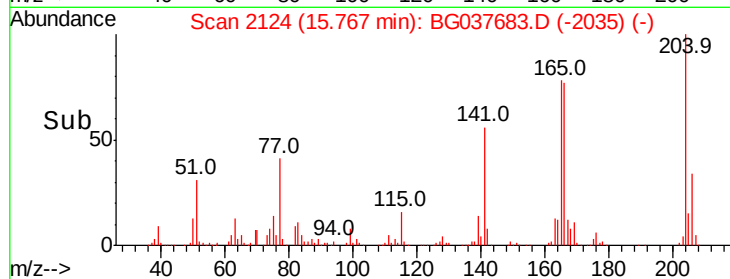
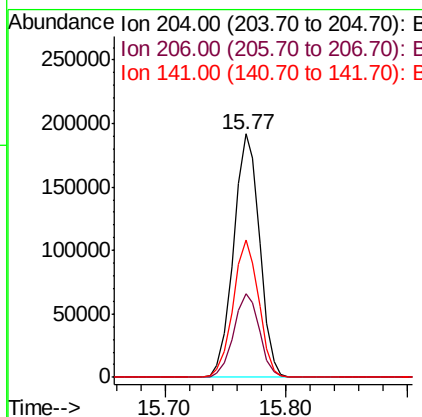
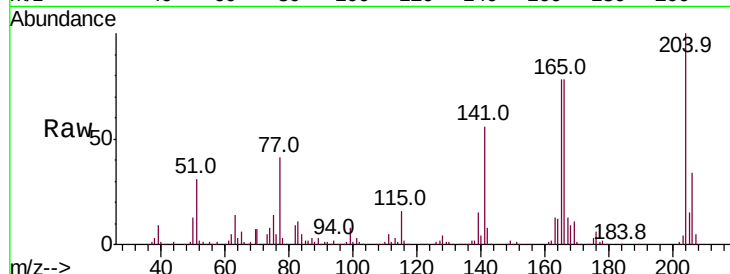
#61
4-Chlorophenyl-phenylether
Concen: 40.375 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :
PB114332BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.3	26.6	39.8
141	56.3	45.4	68.2

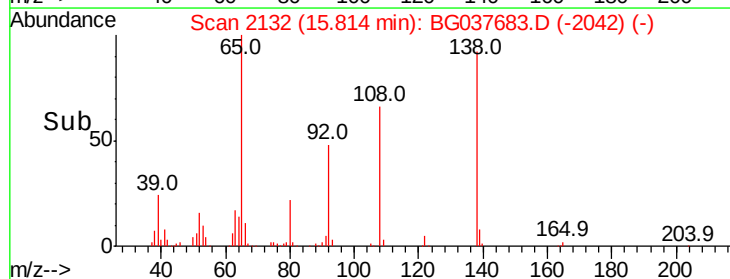
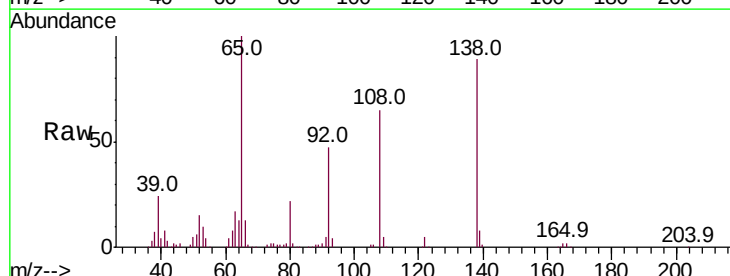
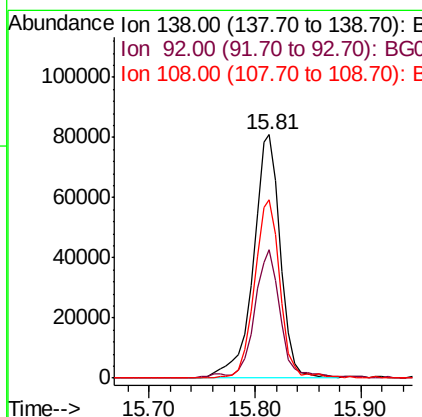
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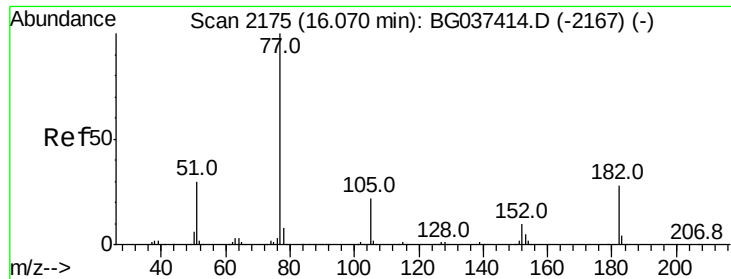
Sohil
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#62
4-Nitroaniline
Concen: 45.133 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.7	36.4	76.4
108	73.1	60.1	100.1





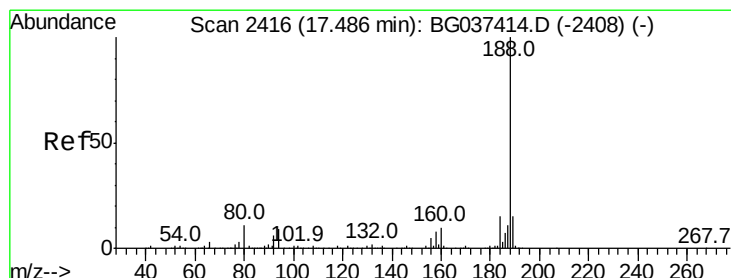
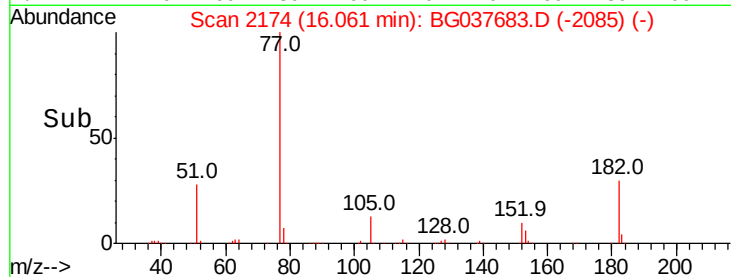
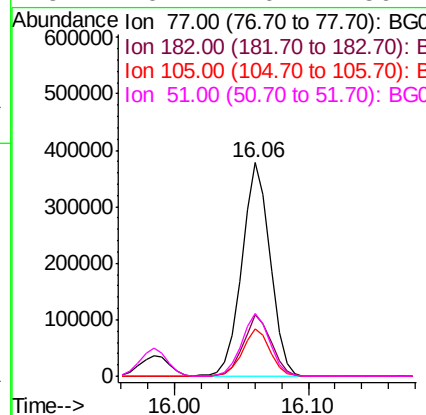
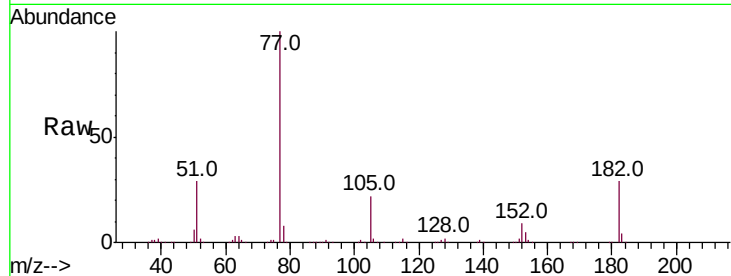
#63
Azobenzene
Concen: 42.942 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :
PB114332BS

Tot Ion:	77	Resp:	551489
Ion Ratio	Lower	Upper	
77	100		
182	28.6	8.0	48.0
105	21.9	1.3	41.3
51	29.2	10.7	50.7

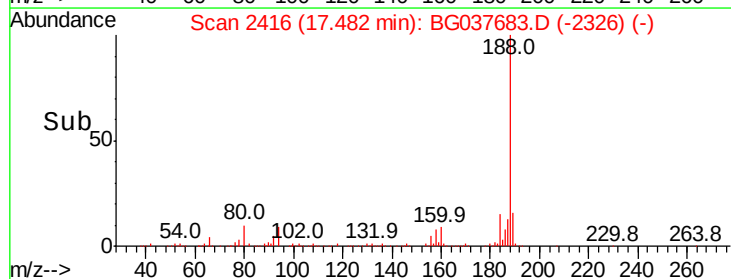
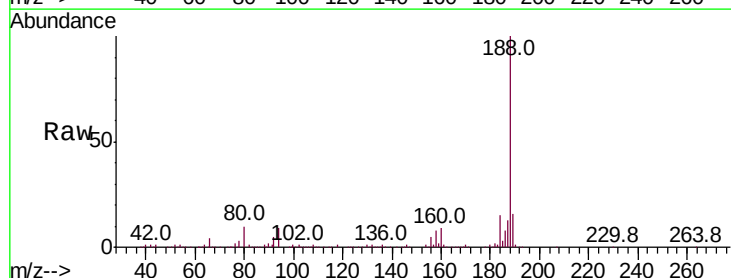
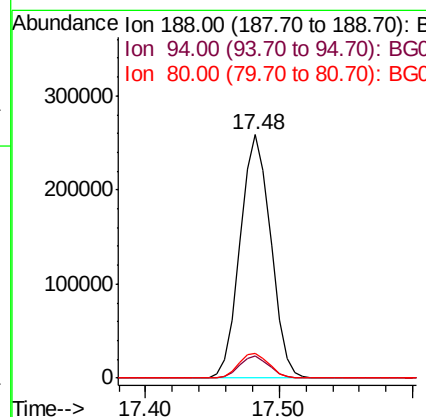
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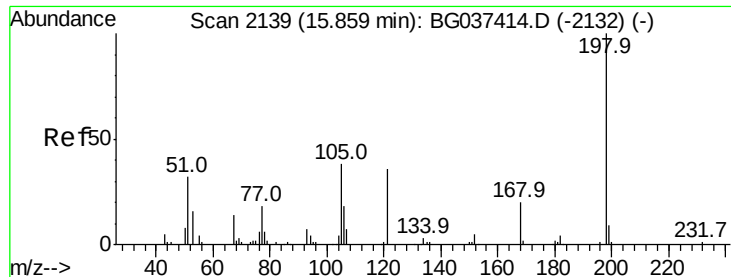
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion:	188	Resp:	411425
Ion Ratio	Lower	Upper	
188	100		
94	9.0	7.2	10.8
80	10.2	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 40.521 ng

RT: 15.85 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

BNA_G

ClientSampleId :

PB114332BS

Tot Ion:198 Resp: 84005

Ion Ratio Lower Upper

198 100

51 45.3 22.7 62.7

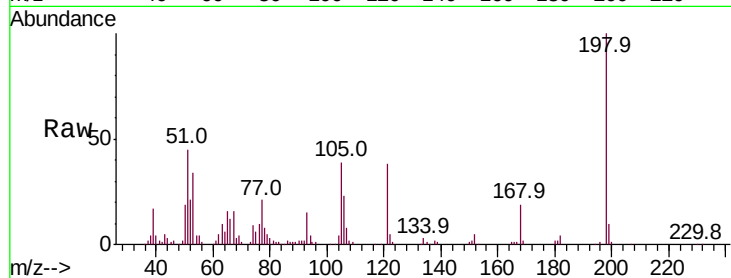
105 39.5 19.7 59.7

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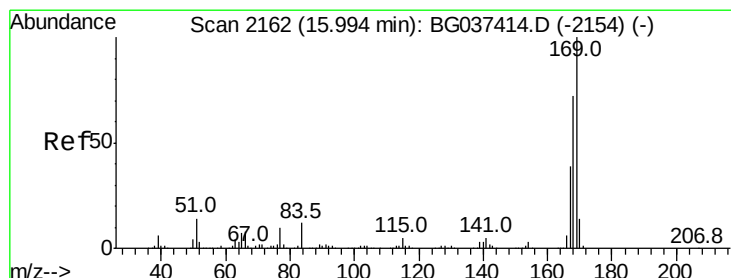
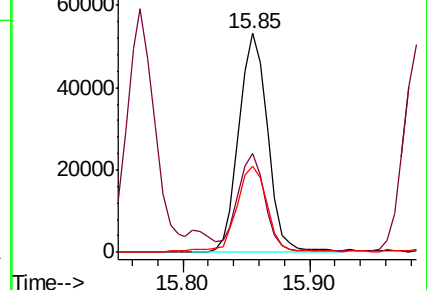
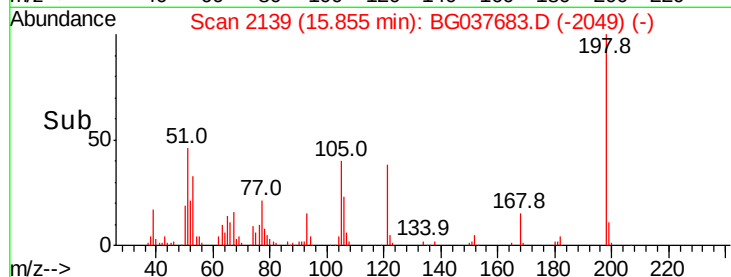
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.293 ng

RT: 15.98 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

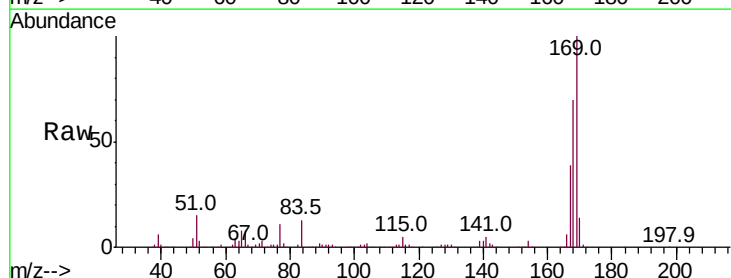
Tgt Ion:169 Resp: 511030

Ion Ratio Lower Upper

169 100

168 70.3 55.7 83.5

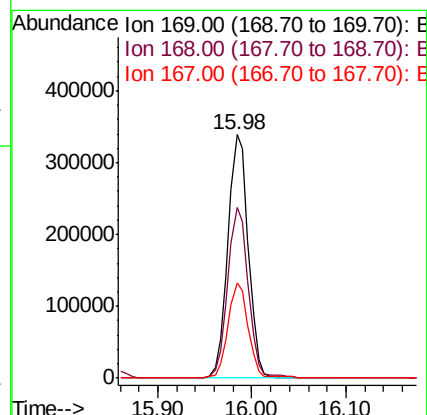
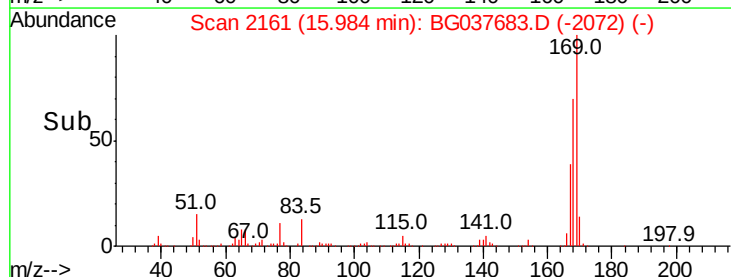
167 38.9 31.3 46.9

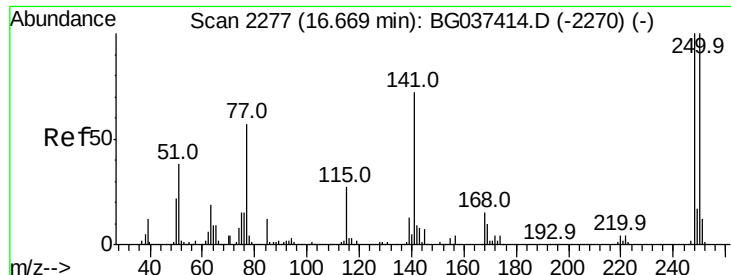


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 41.290 ng

RT: 16.67 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

BNA_G

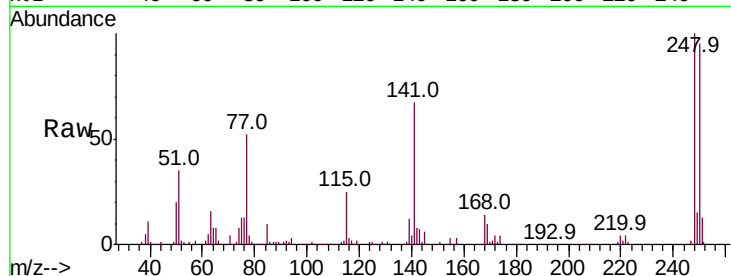
ClientSampleId :

PB114332BS

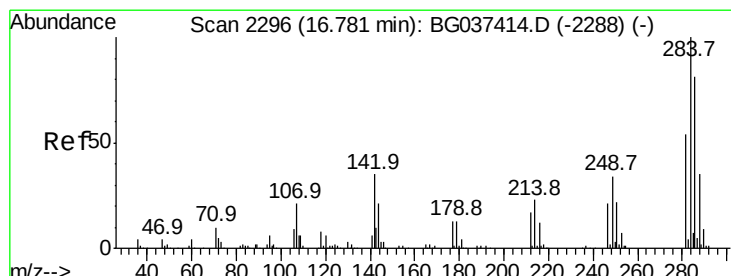
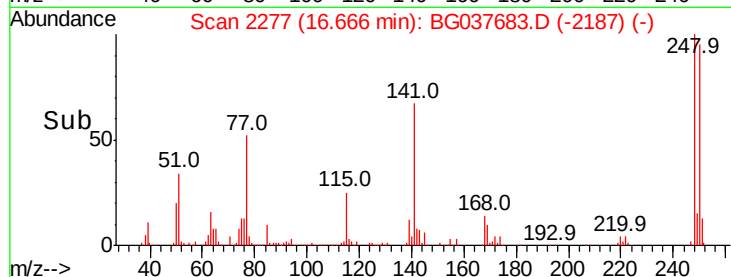
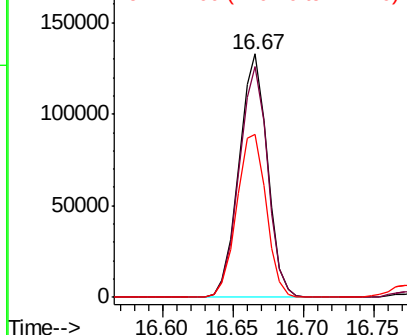
Tot Ion:	248	Resp:	186555
Ion Ratio	Lower	Upper	
248	100		
250	94.8	77.0	115.6
141	67.1	55.5	83.3

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 39.628 ng

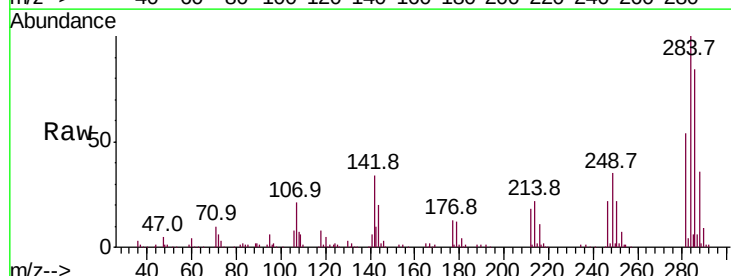
RT: 16.78 min Scan# 2296

Delta R.T. -0.00 min

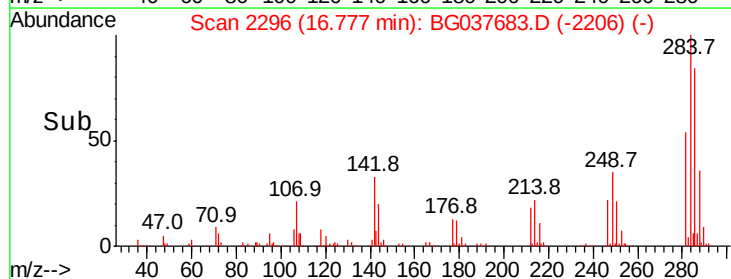
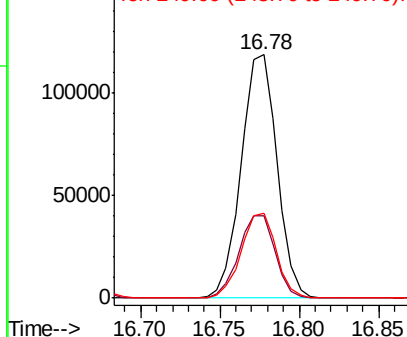
Lab File: BG037683.D

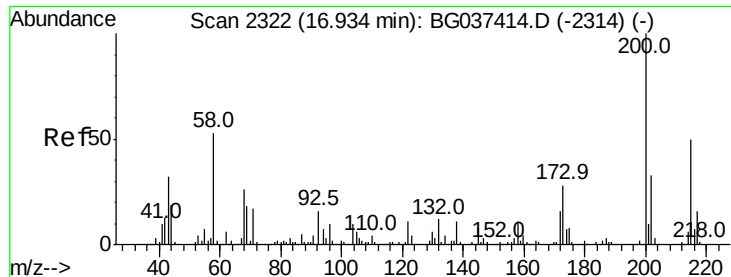
Acq: 31 Oct 2018 14:20

Tgt Ion:	284	Resp:	185563
Ion Ratio	Lower	Upper	
284	100		
142	33.7	28.1	42.1
249	37.1	29.8	44.8



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





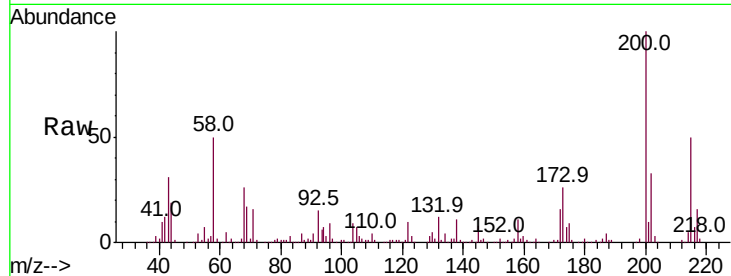
#69
Atrazine
Concen: 43.419 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :
PB114332BS

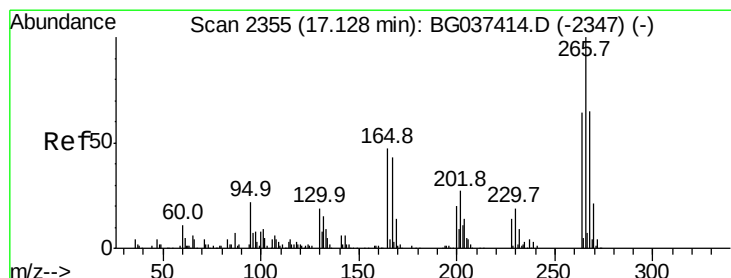
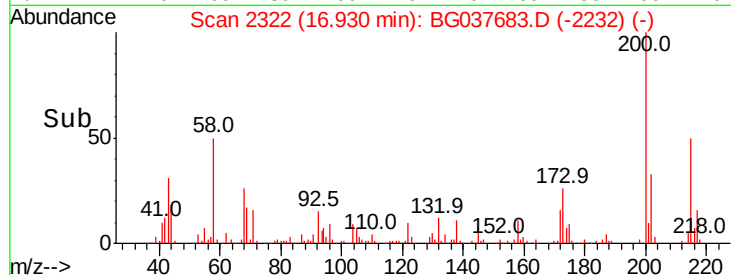
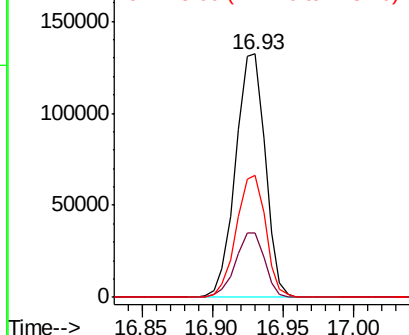
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.1	46.1
215	50.2	30.8	70.8

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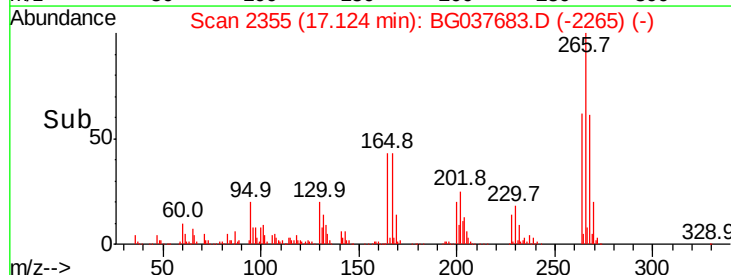
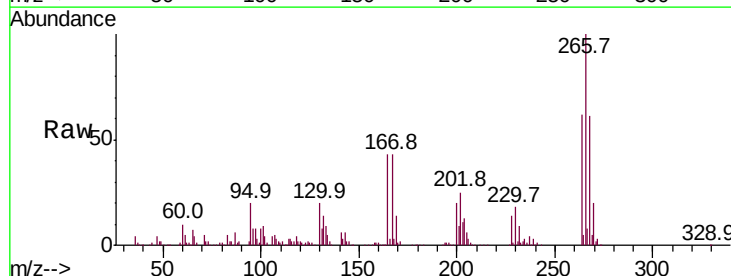
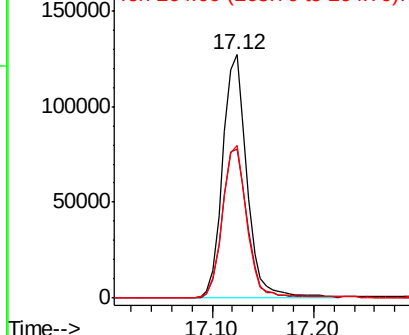
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

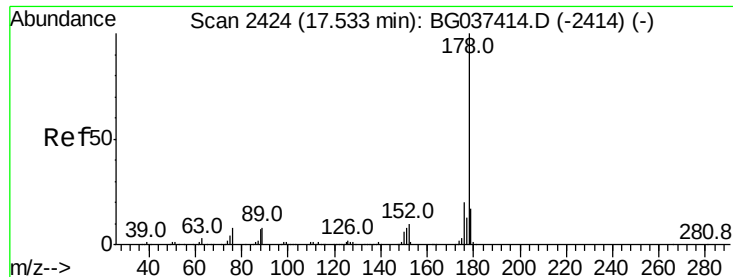


#70
Pentachlorophenol
Concen: 67.858 ng
RT: 17.12 min Scan# 2355
Delta R.T. -0.00 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.2	55.0	82.6
264	67.7	58.9	88.3

Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.590 ng

RT: 17.52 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

BNA_G

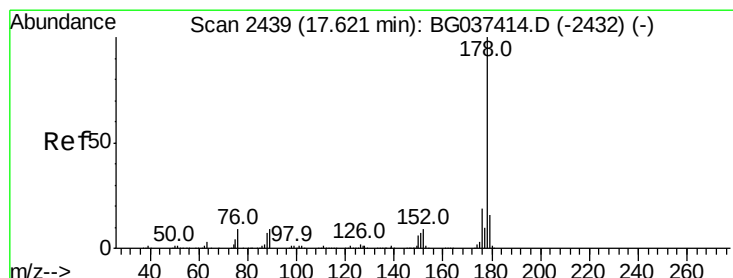
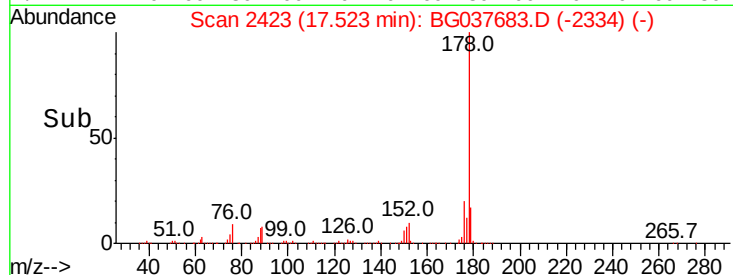
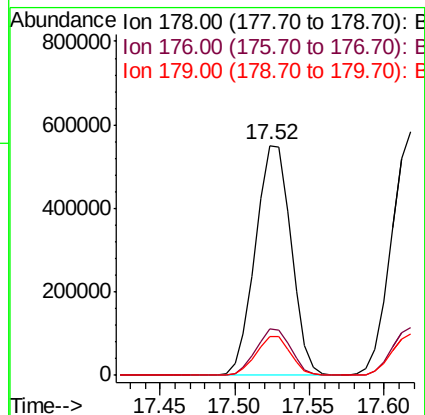
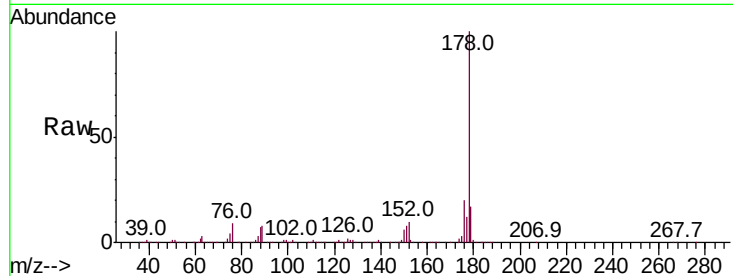
ClientSampleId :

PB114332BS

Tot Ion:178	Resp:	911474
Ion Ratio	Lower	Upper
178	100	
176	20.2	16.1 24.1
179	17.1	13.0 19.4

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#72

Anthracene

Concen: 44.877 ng

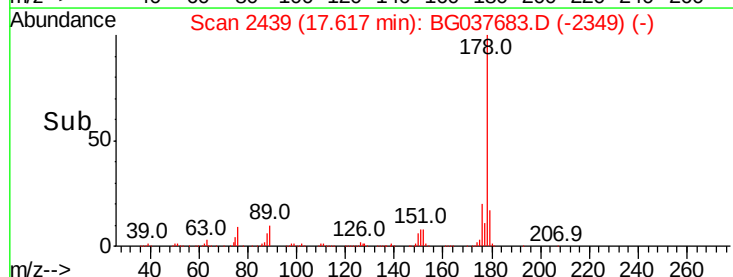
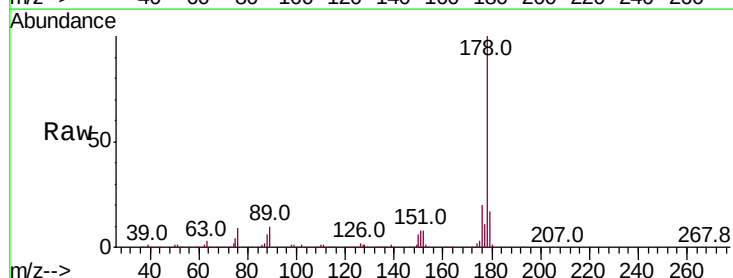
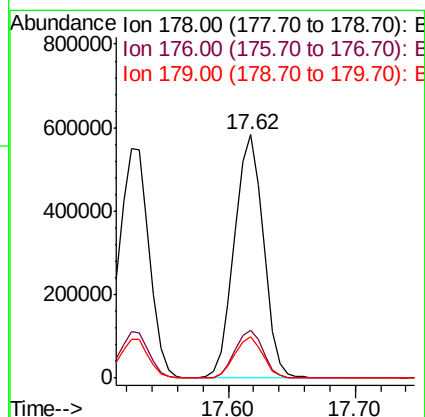
RT: 17.62 min Scan# 2439

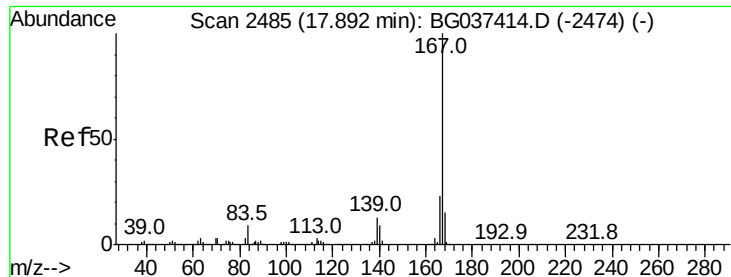
Delta R.T. -0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Tgt Ion:178	Resp:	920880
Ion Ratio	Lower	Upper
178	100	
176	19.8	15.0 22.4
179	17.1	12.8 19.2





#73

Carbazole

Concen: 40.744 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

BNA_G

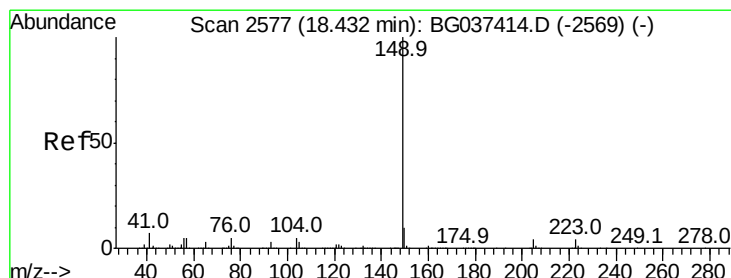
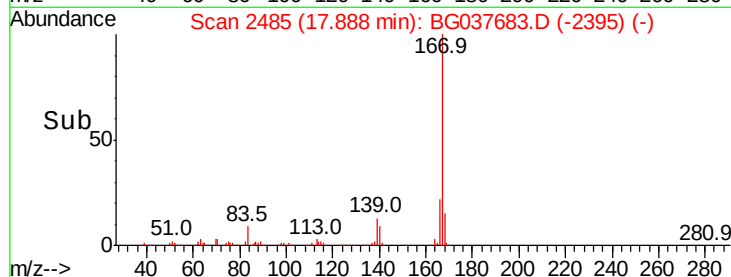
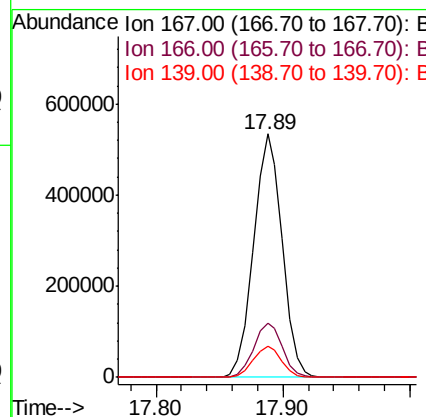
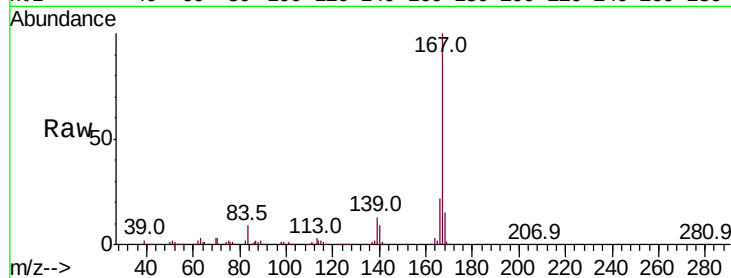
ClientSampleId :

PB114332BS

Tot Ion:	167	Resp:	836316
Ion Ratio	Lower	Upper	
167	100		
166	22.5	18.3	27.5
139	12.8	10.5	15.7

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#74

Di-n-butylphthalate

Concen: 43.675 ng

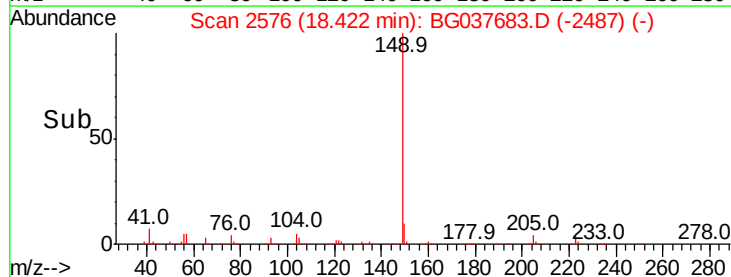
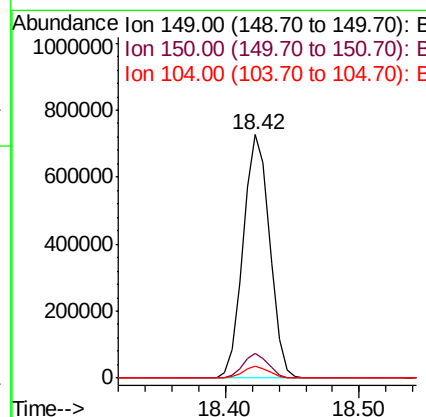
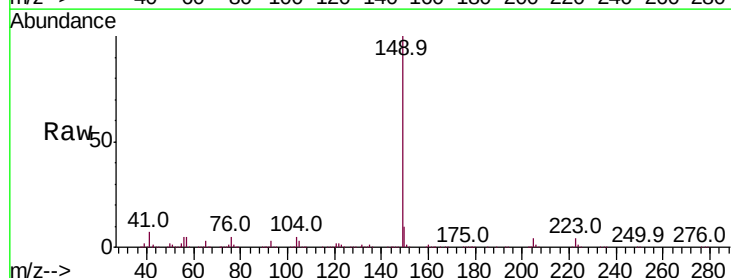
RT: 18.42 min Scan# 2576

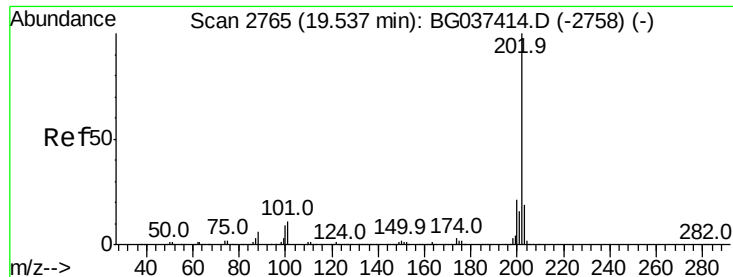
Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Tgt Ion:	149	Resp:	997250
Ion Ratio	Lower	Upper	
149	100		
150	10.1	8.2	12.2
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 44.196 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

BNA_G

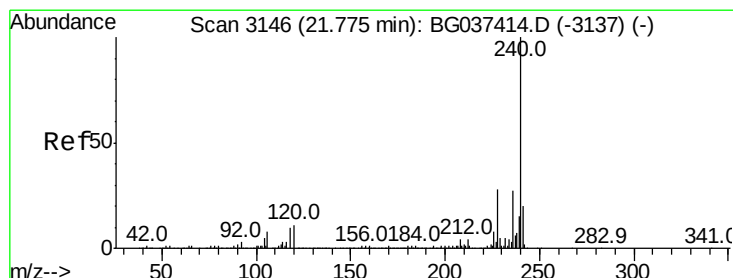
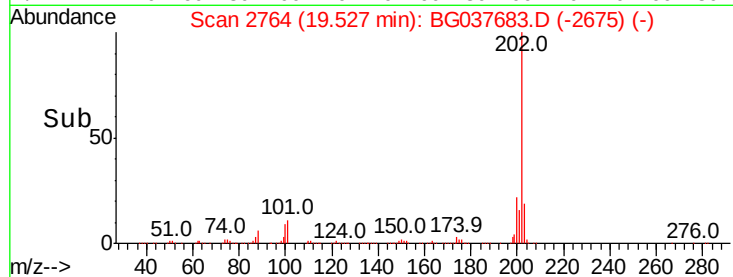
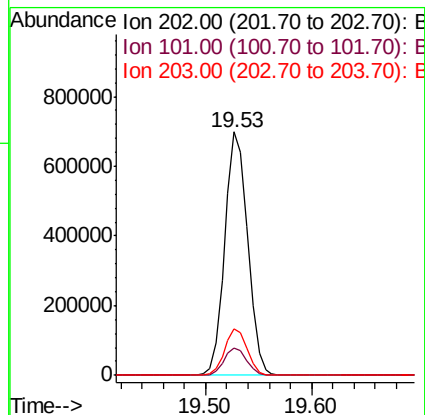
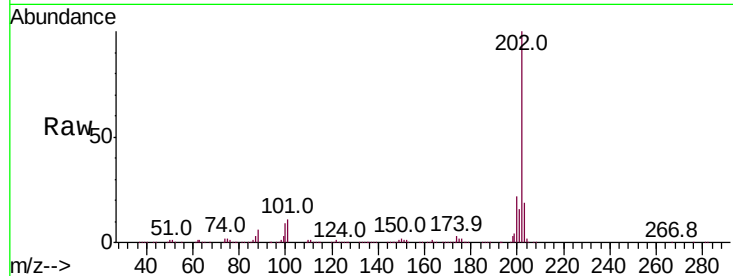
ClientSampleId :

PB114332BS

Tot Ion:	202	Resp:	1048144
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	30.7
203	19.1	0.0	38.5

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#76

Chrysene-d12

Concen: 20.000 ng

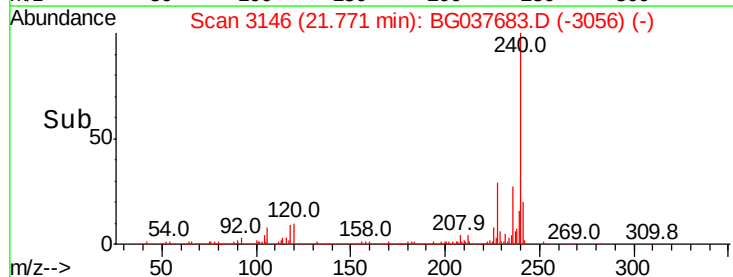
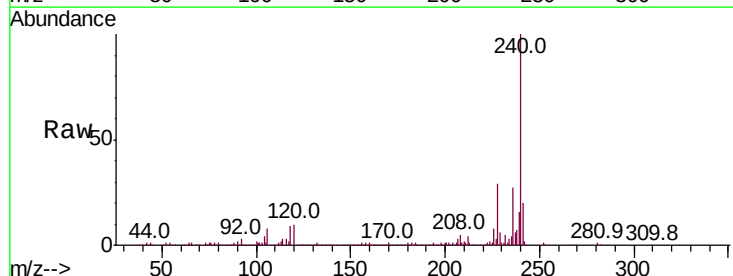
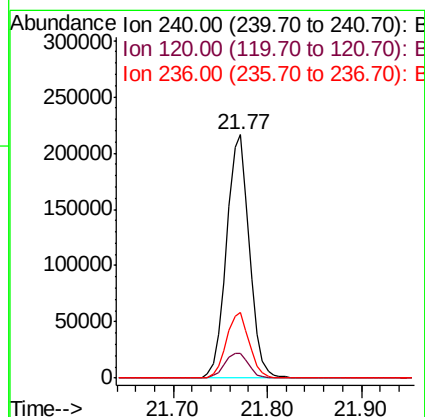
RT: 21.77 min Scan# 3146

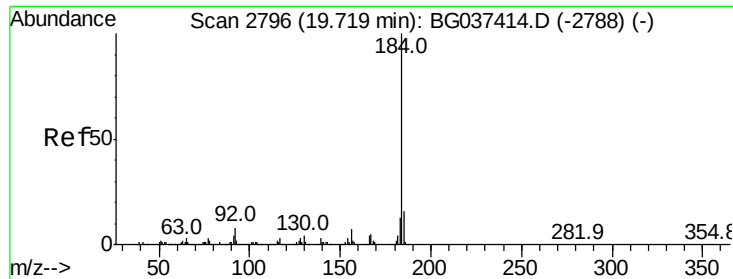
Delta R.T. -0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Tgt Ion:	240	Resp:	365766
Ion Ratio	Lower	Upper	
240	100		
120	10.0	8.1	12.1
236	26.9	21.4	32.0





#77

Benzidine

Concen: 40.120 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

BNA_G

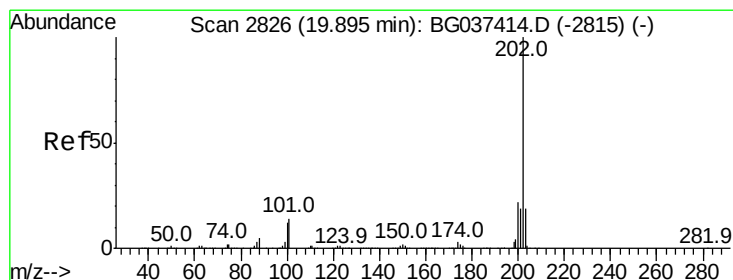
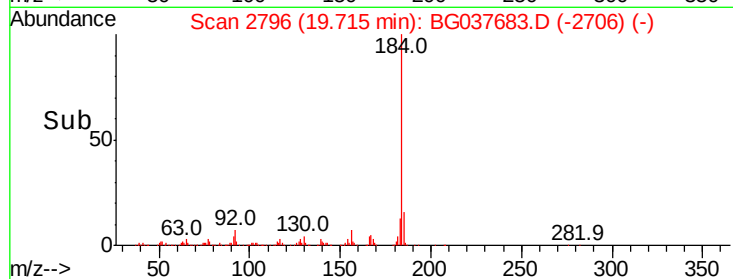
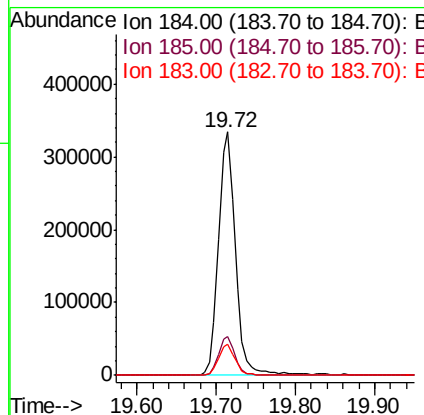
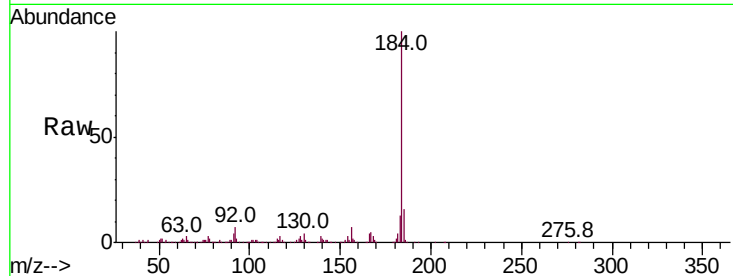
ClientSampleId :

PB114332BS

Tot Ion:	184	Resp:	498971
Ion Ratio	Lower	Upper	
184	100		
185	15.8	12.6	18.8
183	12.9	10.2	15.2

Manual Integrations
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#78

Pyrene

Concen: 43.517 ng

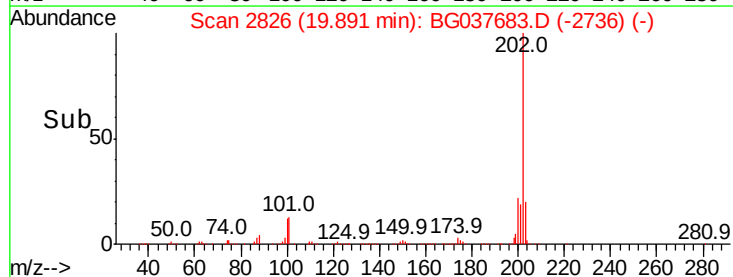
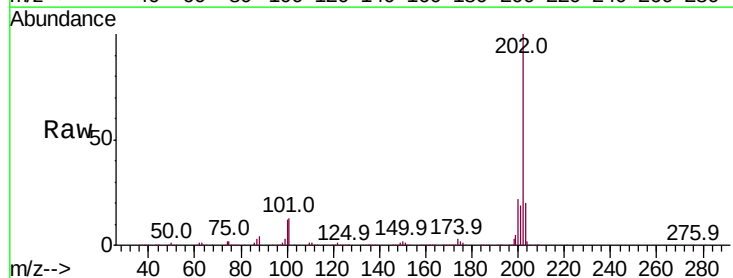
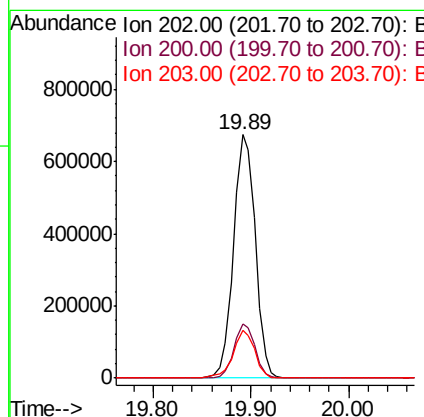
RT: 19.89 min Scan# 2826

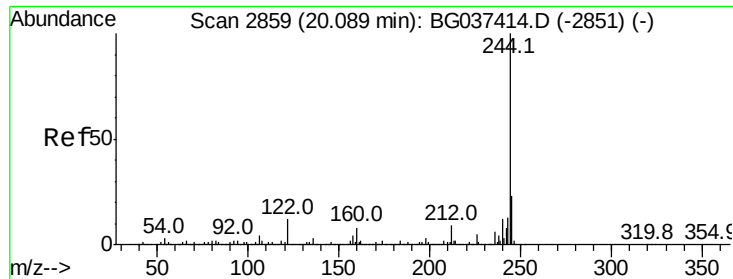
Delta R.T. -0.00 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Tgt Ion:	202	Resp:	1040514
Ion Ratio	Lower	Upper	
202	100		
200	22.3	17.8	26.6
203	19.7	15.2	22.8





#79

Terphenyl-d14

Concen: 77.417 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

Instrument :

BNA_G

ClientSampleId :

PB114332BS

Tot Ion:244 Resp: 1325208

Ion Ratio Lower Upper

244 100

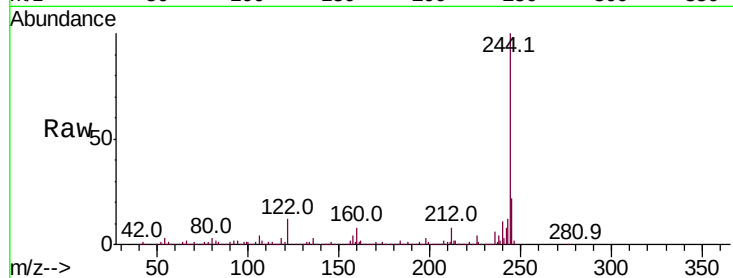
212 8.2 6.5 9.7

122 11.7 9.0 13.4

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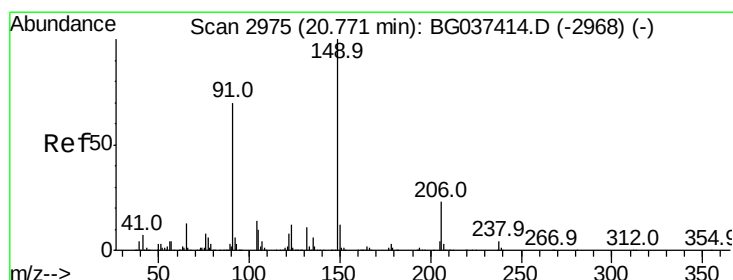
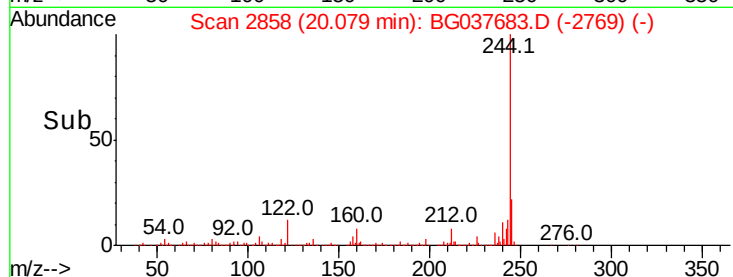
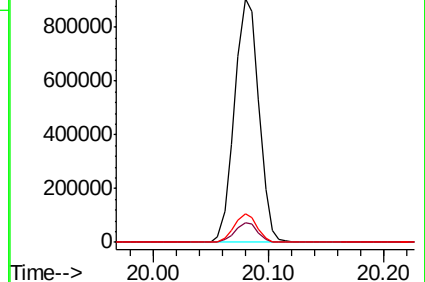
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.598 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037683.D

Acq: 31 Oct 2018 14:20

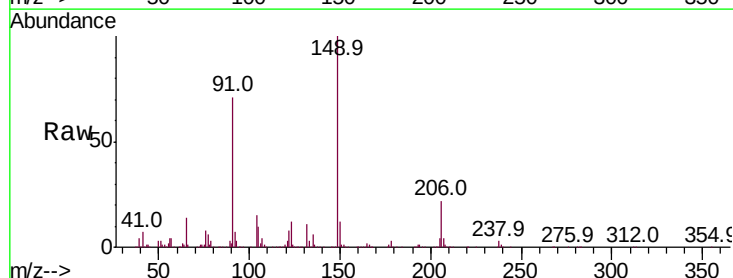
Tgt Ion:149 Resp: 446203

Ion Ratio Lower Upper

149 100

91 70.5 57.0 85.4

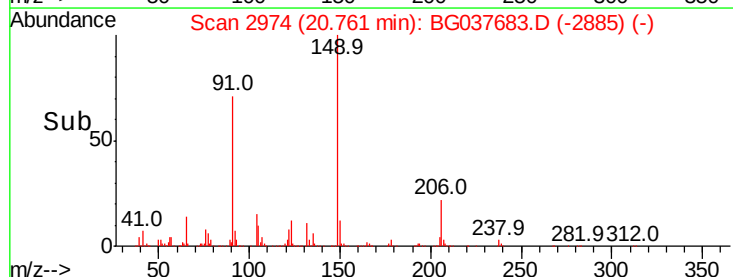
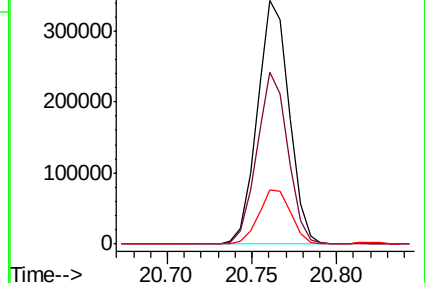
206 22.4 17.8 26.6

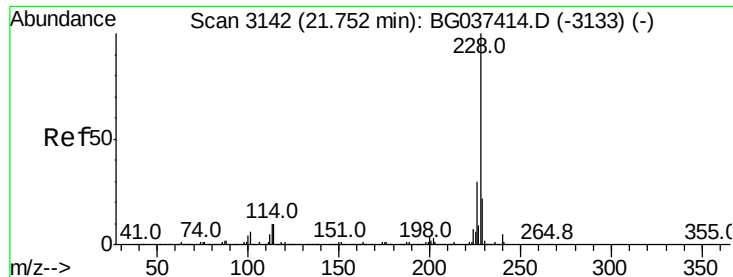


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





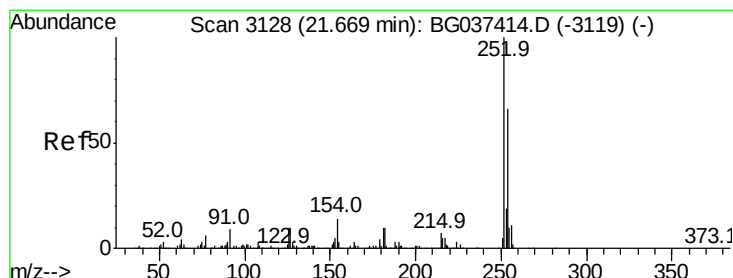
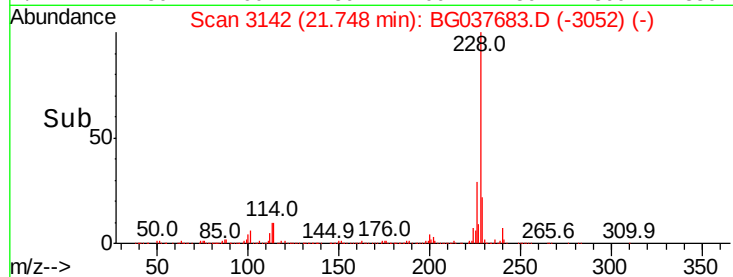
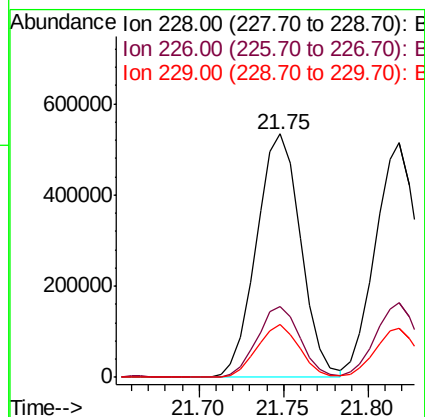
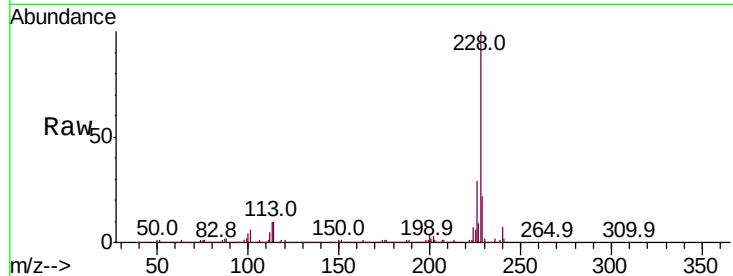
#81
Benzo(a)anthracene
Concen: 44.999 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :
PB114332BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	21.7	16.3	24.5

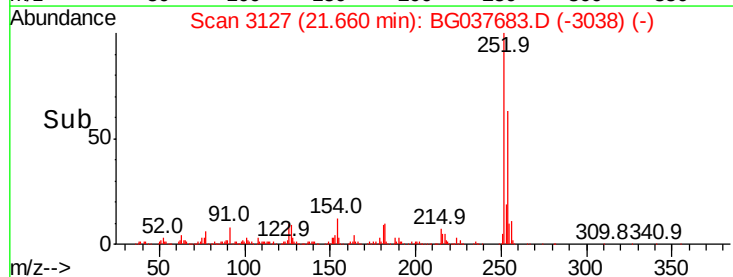
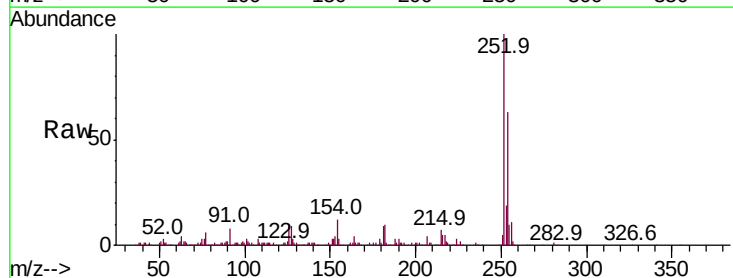
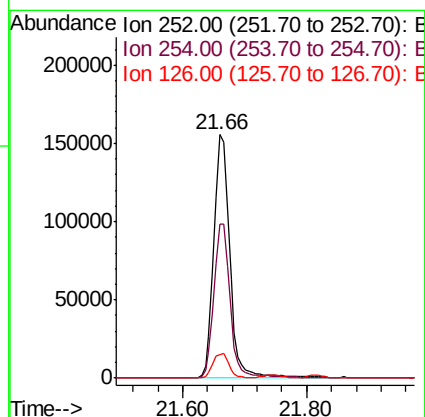
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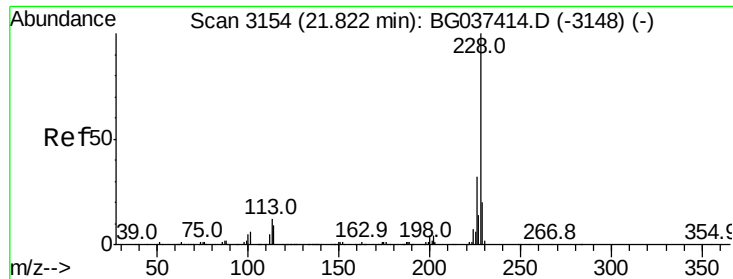
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#82
3,3'-Dichlorobenzidine
Concen: 33.133 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	52.0	78.0
126	9.8	8.2	12.4





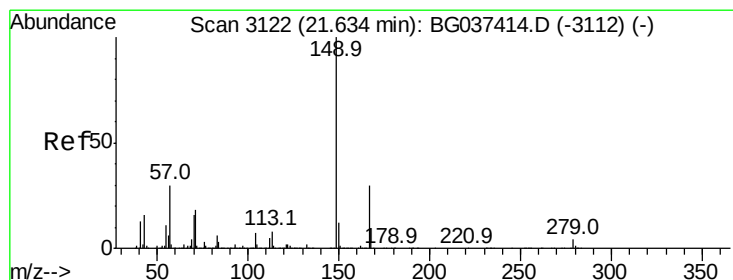
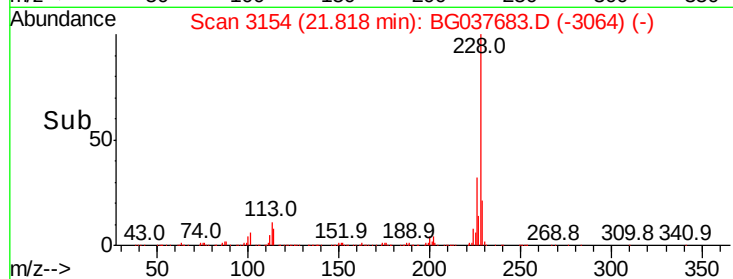
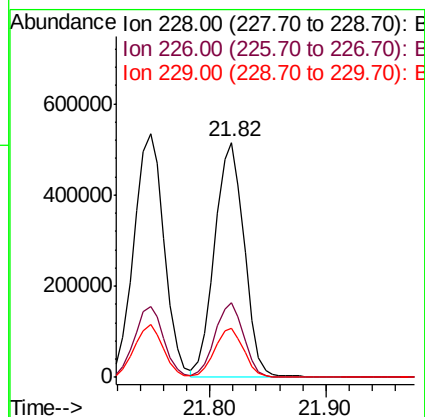
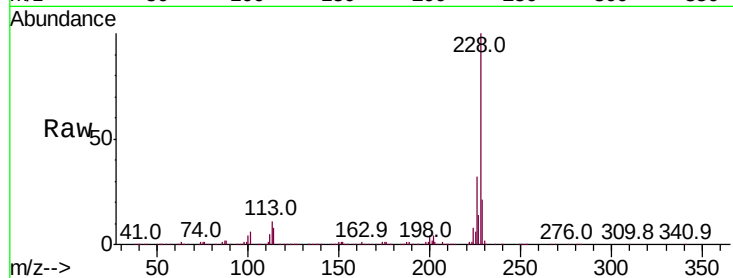
#83
 Chrysene
 Concen: 43.830 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

Instrument :
 BNA_G
 ClientSampleId :
 PB114332BS

Tot Ion:	228	Resp:	911807
Ion Ratio	Lower	Upper	
228	100		
226	31.8	25.7	38.5
229	20.7	16.5	24.7

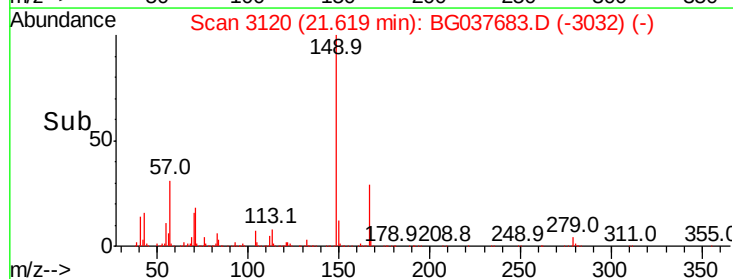
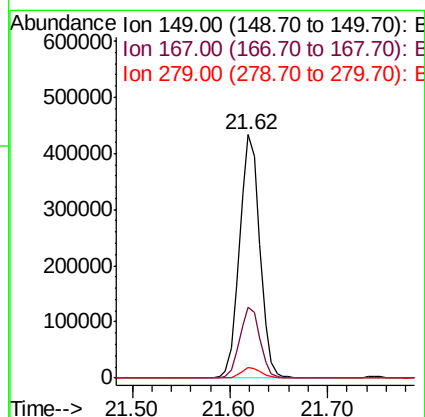
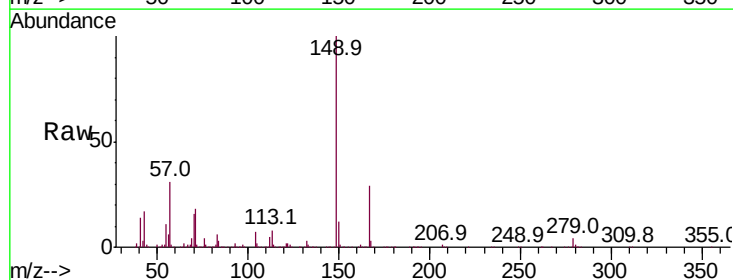
Manual Integrations
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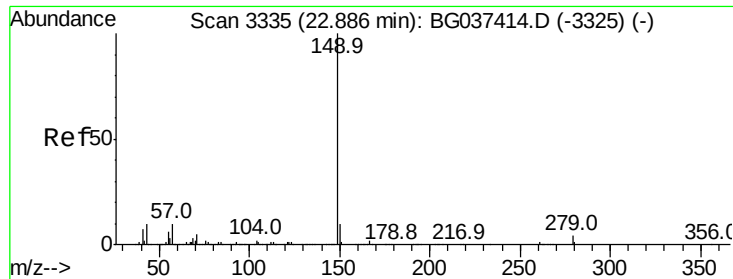
Sohil
 11/1/2018 10:43:42 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.421 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.02 min
 Lab File: BG037683.D
 Acq: 31 Oct 2018 14:20

Tgt Ion:	149	Resp:	623020
Ion Ratio	Lower	Upper	
149	100		
167	29.0	23.0	34.4
279	4.4	3.6	5.4





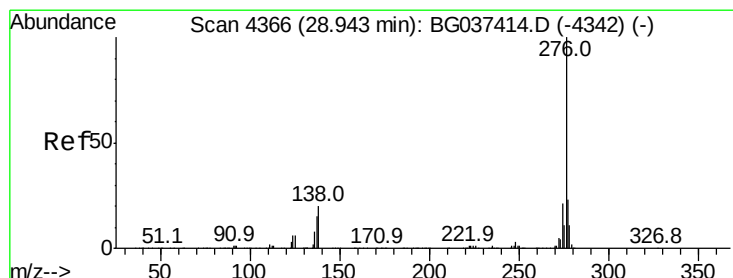
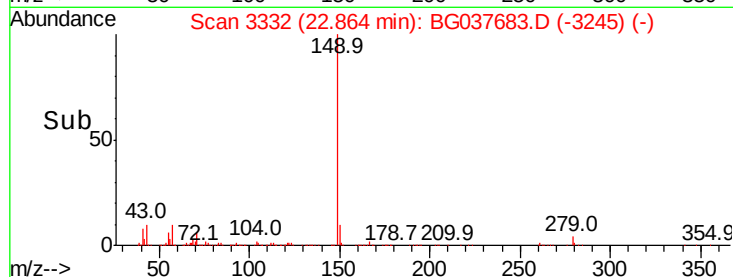
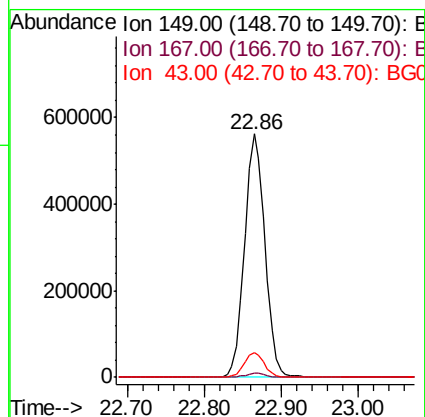
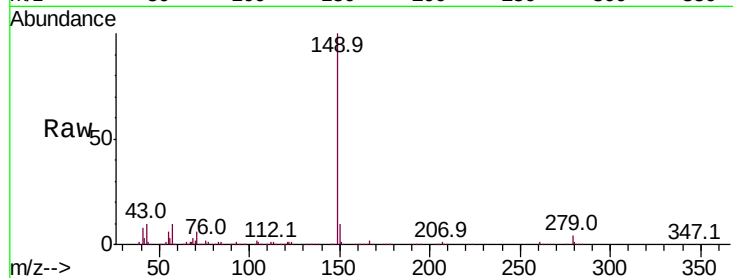
#85
Di-n-octyl phthalate
Concen: 46.655 ng
RT: 22.86 min Scan# 3332
Delta R.T. -0.02 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :
PB114332BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.0	8.7	13.1

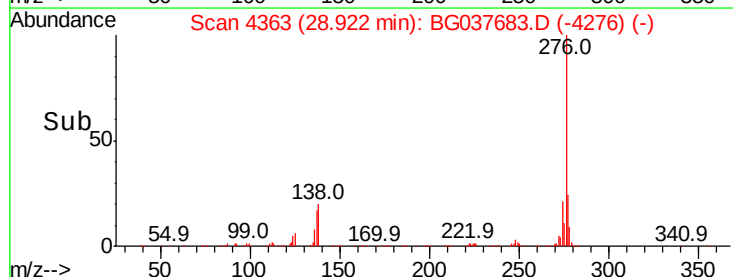
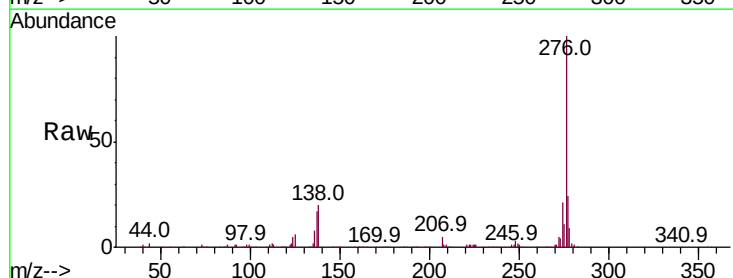
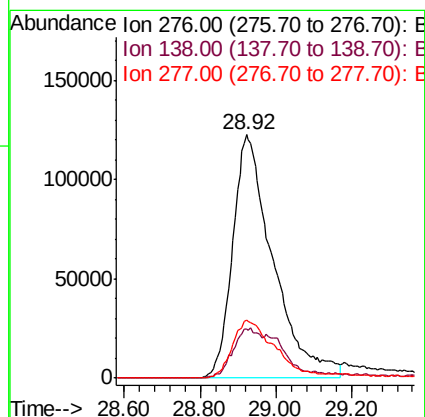
Manual Integrations
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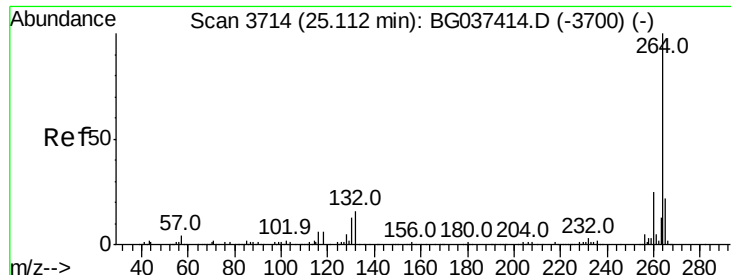
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 40.718 ng
RT: 28.92 min Scan# 4363
Delta R.T. -0.02 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.7	12.0	18.0
277	25.2	20.6	30.8





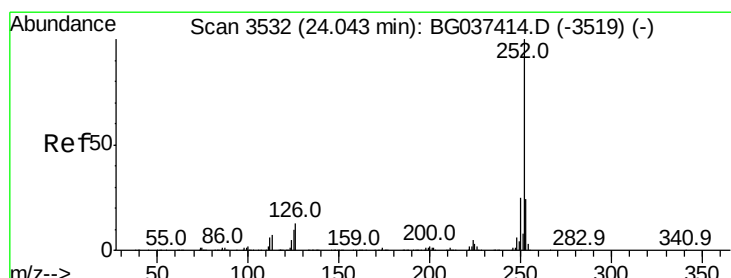
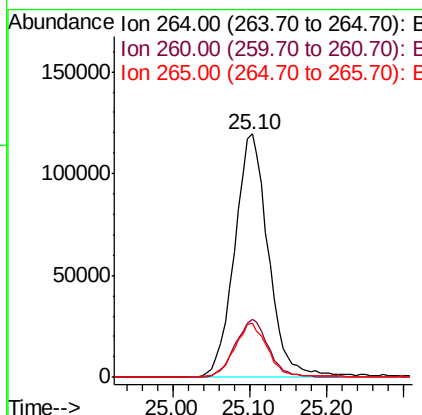
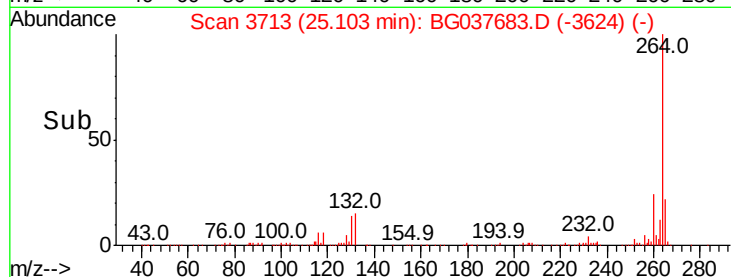
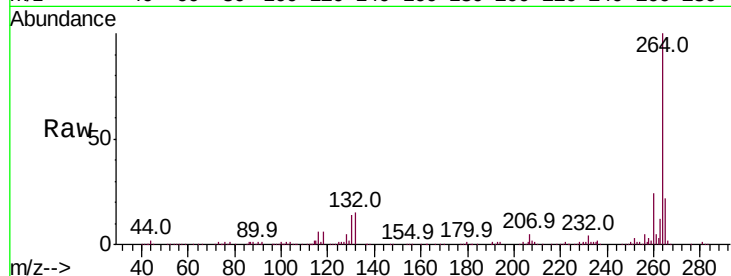
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :
PB114332BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	22.4	17.9	26.9

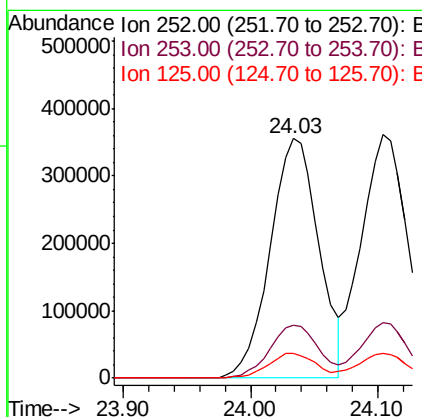
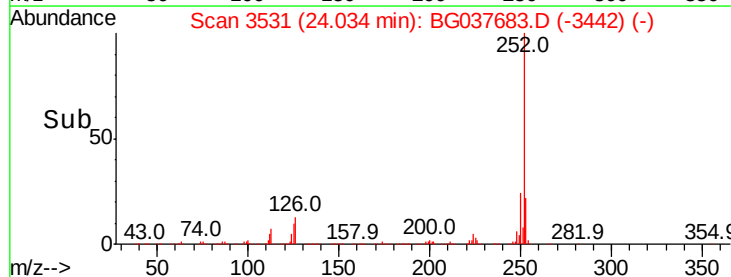
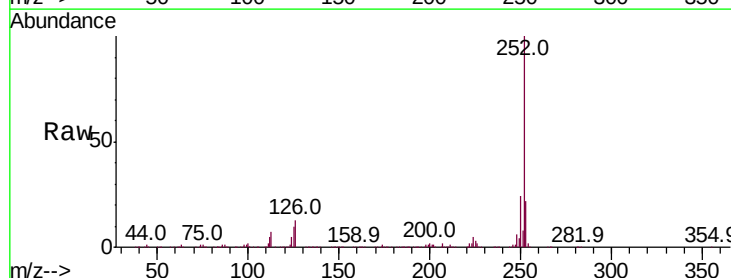
Manual Integrations
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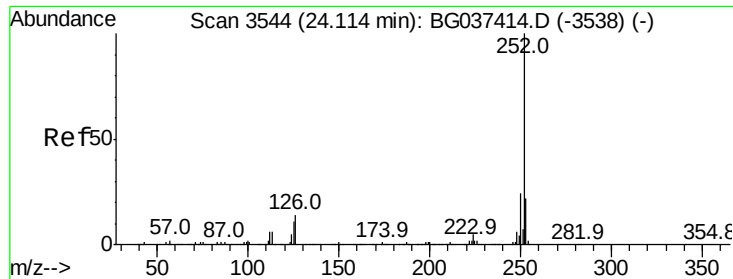
Sohil
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#88
Benzo(b)fluoranthene
Concen: 47.350 ng
RT: 24.03 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	10.5	7.8	11.6





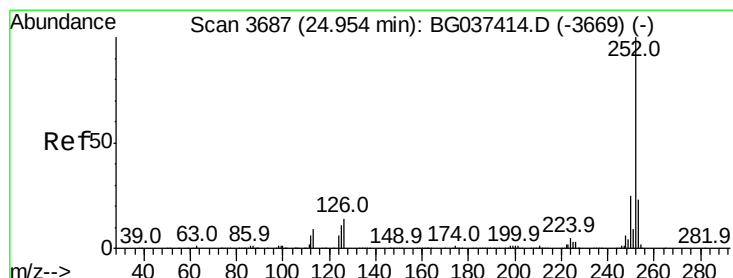
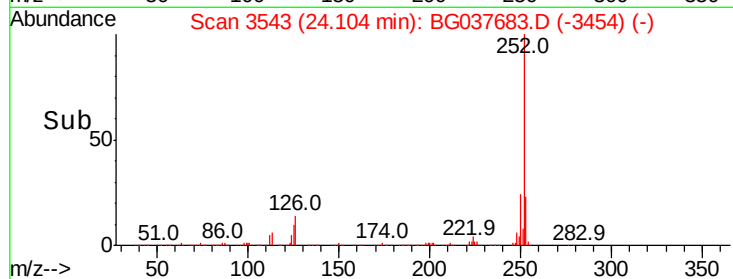
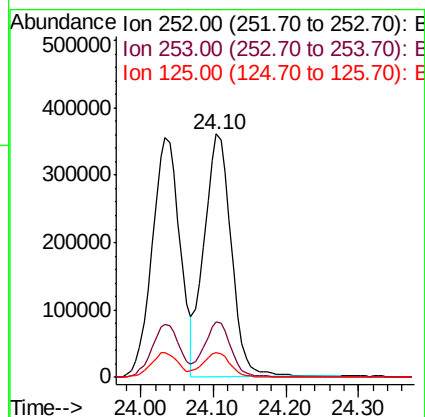
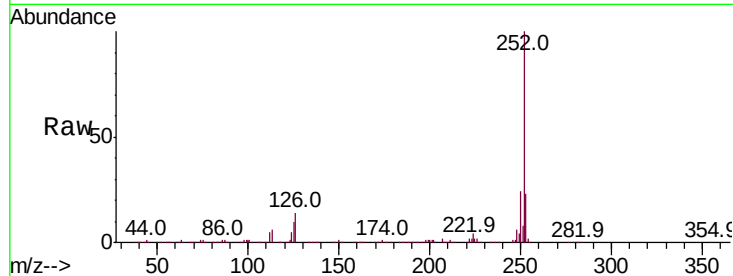
#89
Benzo(k)fluoranthene
Concen: 47.817 ng
RT: 24.10 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :
PB114332BS

Tot Ion:	252	Resp:	938959
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.4	26.2
125	10.3	7.4	11.0

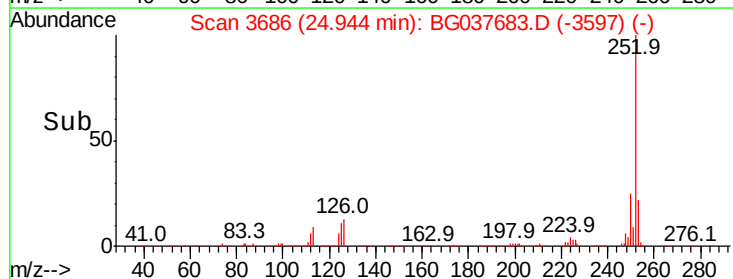
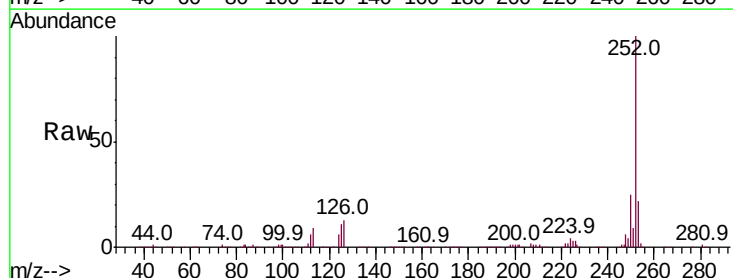
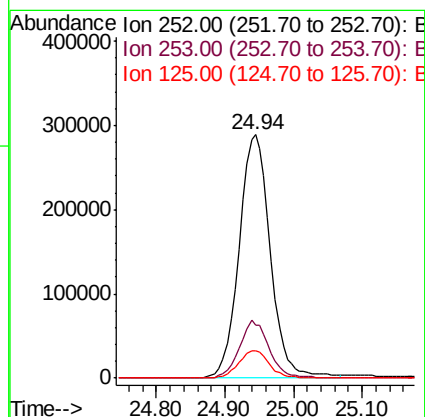
Manual Integrations
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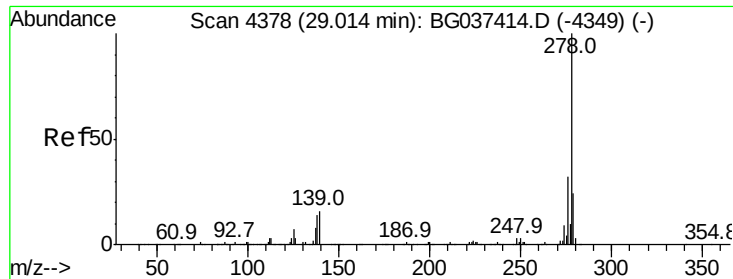
Sohil
11/1/2018 10:43:42 AM



#90
Benzo(a)pyrene
Concen: 47.777 ng
RT: 24.94 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion:	252	Resp:	909941
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.4	26.2
125	11.4	9.0	13.6





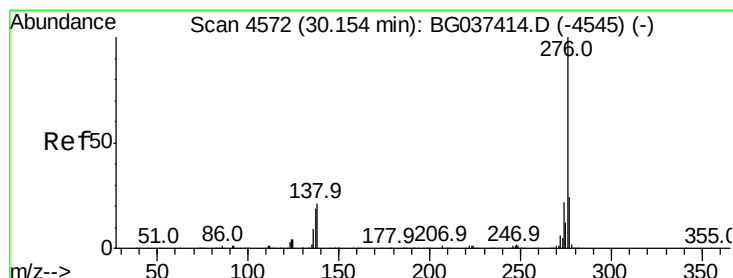
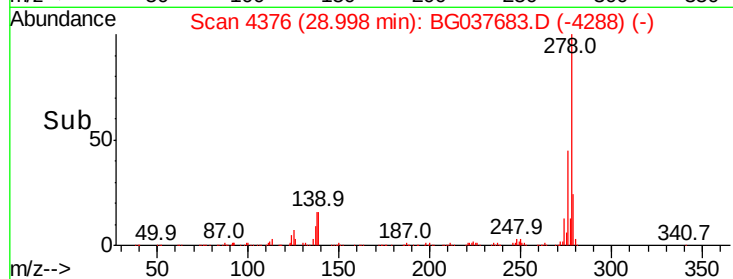
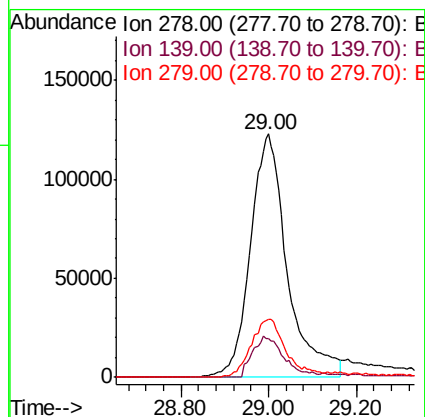
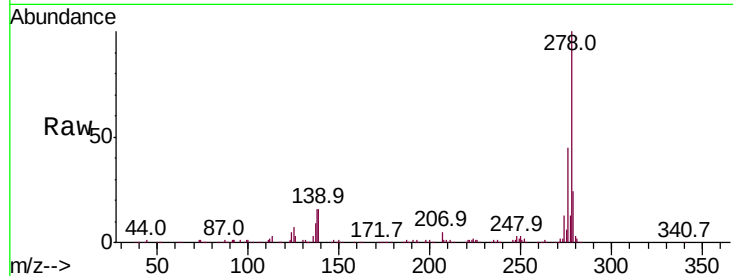
#91
Dibenzo(a,h)anthracene
Concen: 40.170 ng
RT: 29.00 min Scan# 4376
Delta R.T. -0.02 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Instrument :
BNA_G
ClientSampleId :
PB114332BS

Tot Ion:	278	Resp:	705714
Ion Ratio	Lower	Upper	
278	100		
139	15.7	11.5	17.3
279	23.8	18.6	27.8

Manual Integrations
APPROVED

Sohil
11/1/2018 10:43:42 AM



#92
Benzo(g,h,i)perylene
Concen: 41.729 ng
RT: 30.13 min Scan# 4568
Delta R.T. -0.03 min
Lab File: BG037683.D
Acq: 31 Oct 2018 14:20

Tgt Ion:	276	Resp:	741682
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.9	28.3
138	21.5	17.2	25.8

