

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101118\
 Data File : BG037288.D
 Acq On : 12 Oct 2018 12:19
 Operator : JU/SJ
 Sample : PB113678BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113678BS

Manual Integrations
 APPROVED

Sohil
 10/12/2018 3:56:02 PM

Quant Time: Oct 12 13:36:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	51574	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	227363	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	151846	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	385143	20.00	ng	0.00
76) Chrysene-d12	21.79	240	360795	20.00	ng	0.00
87) Perylene-d12	25.13	264	372617	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	358528	122.34	ng	0.00
7) Phenol-d6	7.26	99	511493	114.99	ng	0.00
23) Nitrobenzene-d5	9.30	82	261604	75.65	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	179322	120.42	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	688058	68.05	ng	0.00
79) Terphenyl-d14	20.10	244	1171640	68.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	38669	23.495	ng	95
3) Pyridine	3.94	79	114098	29.198	ng	92
4) n-Nitrosodimethylamine	3.86	42	53121	35.005	ng	# 91
6) Aniline	7.44	93	158852	27.282	ng	97
8) 2-Chlorophenol	7.68	128	141415	41.232	ng	99
9) Benzaldehyde	7.26	77	71292	23.280	ng	98
10) Phenol	7.28	94	189627	40.478	ng	100
11) bis(2-Chloroethyl)ether	7.54	93	126982	33.179	ng	97
12) 1,3-Dichlorobenzene	8.01	146	132362	32.828	ng	100
13) 1,4-Dichlorobenzene	8.15	146	134806	33.024	ng	98
14) 1,2-Dichlorobenzene	8.48	146	129841	32.824	ng	97
15) Benzyl Alcohol	8.36	79	128949	37.062	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	239483	31.653	ng	97
17) 2-Methylphenol	8.55	107	129391	41.241	ng	98
18) Hexachloroethane	9.20	117	45550	32.693	ng	93
19) n-Nitroso-di-n-propylamine	8.93	70	108580	32.243	ng	96
20) 3+4-Methylphenols	8.88	107	177871	40.545	ng	97
22) Acetophenone	8.95	105	204463	35.674	ng	98
24) Nitrobenzene	9.34	77	148351	40.051	ng	96
25) Isophorone	9.86	82	313563	39.718	ng	97
26) 2-Nitrophenol	10.05	139	53611	40.833	ng	98
27) 2,4-Dimethylphenol	10.09	122	156957	47.565	ng	96
28) bis(2-Chloroethoxy)methane	10.34	93	189039	38.273	ng	96
29) 2,4-Dichlorophenol	10.58	162	148908	44.455	ng	99
30) 1,2,4-Trichlorobenzene	10.80	180	140089	34.368	ng	100
31) Naphthalene	11.00	128	426994	38.643	ng	99
32) Benzoic acid	10.20	122	85566	46.960	ng	99
33) 4-Chloroaniline	11.10	127	98789	19.059	ng	96
34) Hexachlorobutadiene	11.26	225	80626	31.852	ng	93
35) Caprolactam	11.88	113	59583m	43.632	ng	
36) 4-Chloro-3-methylphenol	12.20	107	170300	43.049	ng	98
37) 2-Methylnaphthalene	12.59	142	327334	40.593	ng	100
38) 1-Methylnaphthalene	12.81	142	309925	39.352	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	167758	34.115	ng	99

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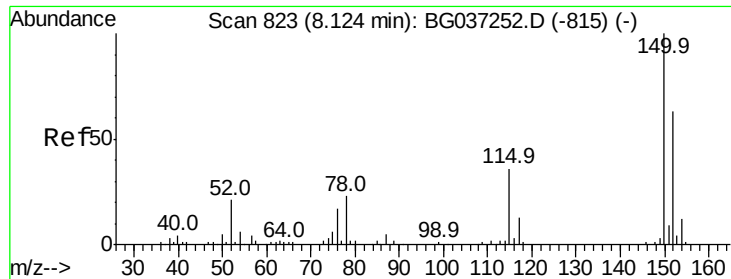
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	169891	83.805	ng	100
43) 2,4,6-Trichlorophenol	13.18	196	125276	43.916	ng	99
44) 2,4,5-Trichlorophenol	13.25	196	140249	45.694	ng	98
46) 1,1'-Biphenyl	13.59	154	433489	34.704	ng	99
47) 2-Chloronaphthalene	13.64	162	338395	35.865	ng	98
48) 2-Nitroaniline	13.84	65	100218	40.258	ng	94
49) Acenaphthylene	14.48	152	574086	39.775	ng	100
50) Dimethylphthalate	14.20	163	474077	39.728	ng	98
51) 2,6-Dinitrotoluene	14.33	165	91656	40.390	ng	97
52) Acenaphthene	14.82	154	338207	37.935	ng	98
53) 3-Nitroaniline	14.66	138	68219	27.323	ng	98
54) 2,4-Dinitrophenol	14.86	184	63538	106.408	ng	99
55) Dibenzofuran	15.15	168	536763	37.104	ng	98
56) 4-Nitrophenol	14.95	139	182213	93.625	ng	98
57) 2,4-Dinitrotoluene	15.11	165	129878	44.685	ng	98
58) Fluorene	15.80	166	442555	40.450	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.37	232	126470	46.541	ng	100
60) Diethylphthalate	15.56	149	488430	39.495	ng	99
61) 4-Chlorophenyl-phenylether	15.79	204	230623	36.062	ng	98
62) 4-Nitroaniline	15.83	138	110401	42.129	ng	95
63) Azobenzene	16.08	77	451253	38.058	ng	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	45568	39.063	ng	96
66) n-Nitrosodiphenylamine	16.00	169	414980	36.690	ng	99
67) 4-Bromophenyl-phenylether	16.68	248	147332	35.445	ng	99
68) Hexachlorobenzene	16.79	284	150239	34.861	ng	99
69) Atrazine	16.95	200	164565	39.147	ng	99
70) Pentachlorophenol	17.14	266	191884	69.010	ng	97
71) Phenanthrene	17.54	178	759536	38.741	ng	99
72) Anthracene	17.64	178	776236	40.451	ng	98
73) Carbazole	17.91	167	729049	36.873	ng	99
74) Di-n-butylphthalate	18.45	149	870922	41.098	ng	99
75) Fluoranthene	19.55	202	932011	40.674	ng	99
77) Benzidine	19.73	184	399576	28.950	ng	98
78) Pyrene	19.91	202	918173	39.047	ng	99
80) Butylbenzylphthalate	20.78	149	379541	41.485	ng	100
81) Benzo(a)anthracene	21.77	228	871299	40.323	ng	99
82) 3,3'-Dichlorobenzidine	21.68	252	195686	23.476	ng	99
83) Chrysene	21.84	228	811790	39.384	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	543611	41.379	ng	99
85) Di-n-octyl phthalate	22.92	149	917199	43.015	ng	98
86) Indeno(1,2,3-cd)pyrene	28.99	276	962243	42.117	ng	97
88) Benzo(b)fluoranthene	24.06	252	871651	43.027	ng	99
89) Benzo(k)fluoranthene	24.14	252	816012	40.821	ng	99
90) Benzo(a)pyrene	24.98	252	834650	42.966	ng	98
91) Dibenzo(a,h)anthracene	29.06	278	789667	42.485	ng	98
92) Benzo(g,h,i)perylene	30.20	276	800941	43.145	ng	97

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



#1

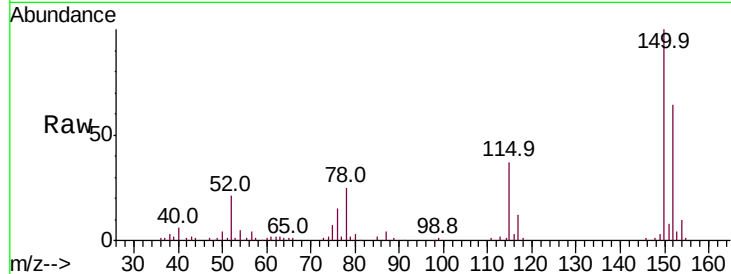
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Instrument :
BNA_G
ClientSampleId :
PB113678BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.0	189.0
115	58.1	45.5	68.3

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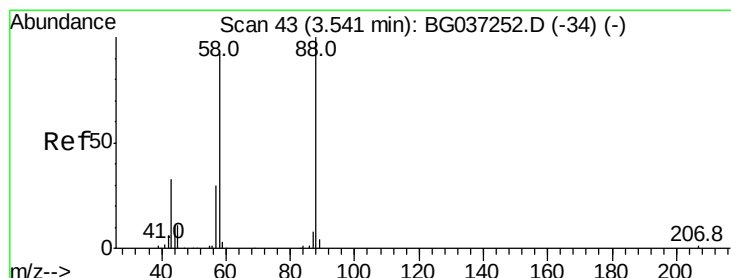
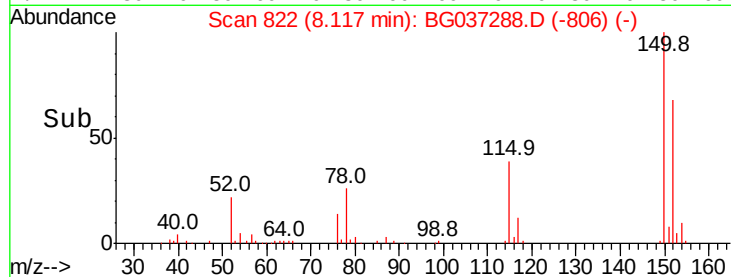
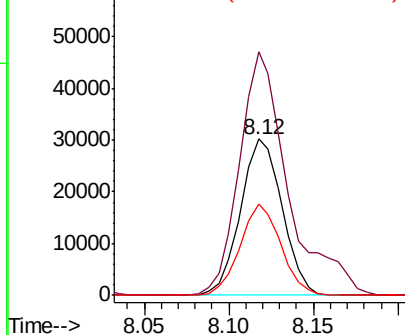


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

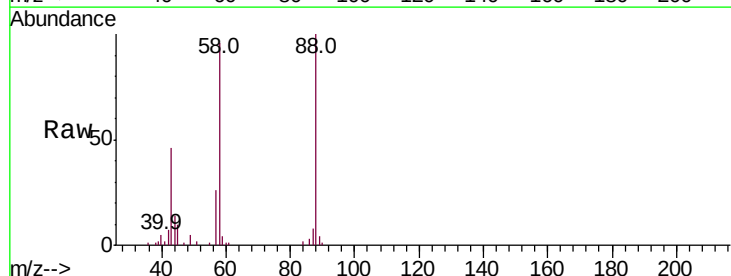
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 23.495 ng
RT: 3.53 min Scan# 42
Delta R.T. -0.01 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.2	74.4	111.6
43	37.1	25.8	38.8

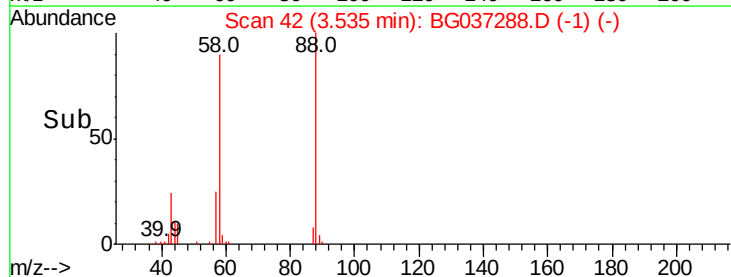
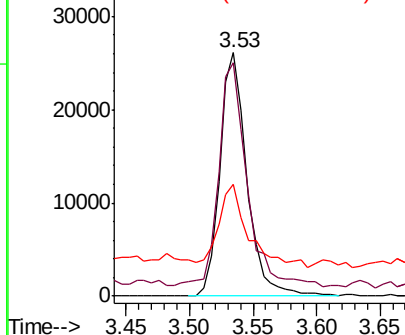


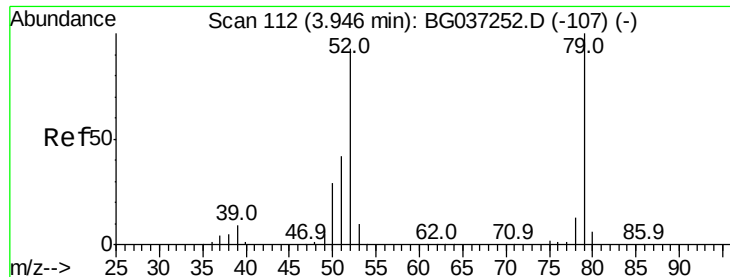
Abundance

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: 29.198 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.01 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Instrument :

BNA_G

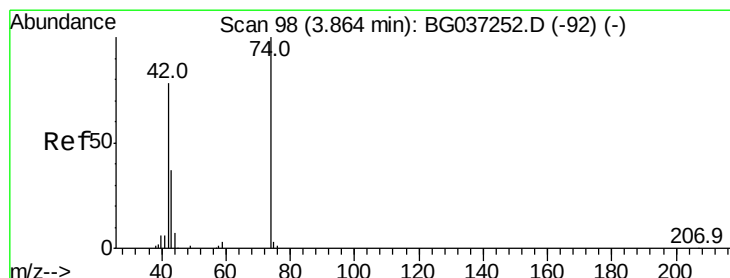
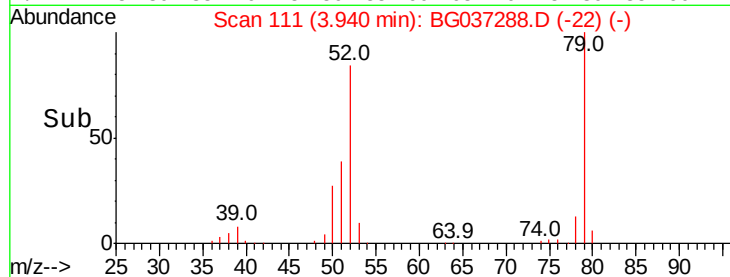
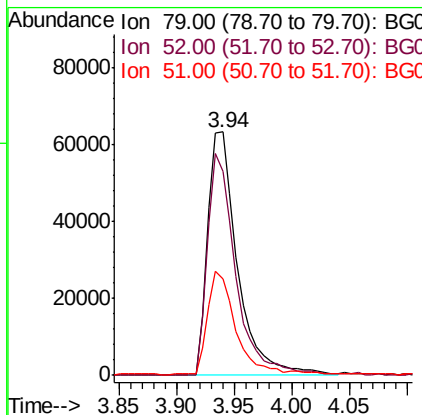
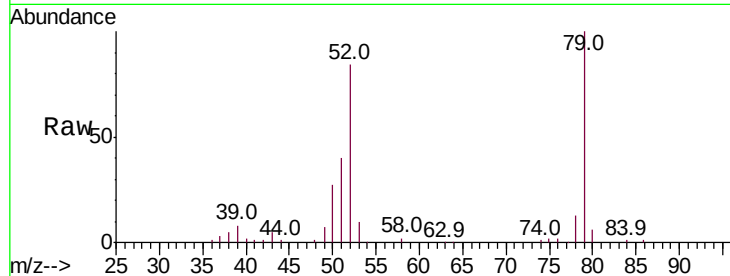
ClientSampleId :

PB113678BS

Tot Ion:	79	Resp:	114098
Ion	Ratio	Lower	Upper
79	100		
52	83.7	74.2	111.2
51	39.8	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 35.005 ng

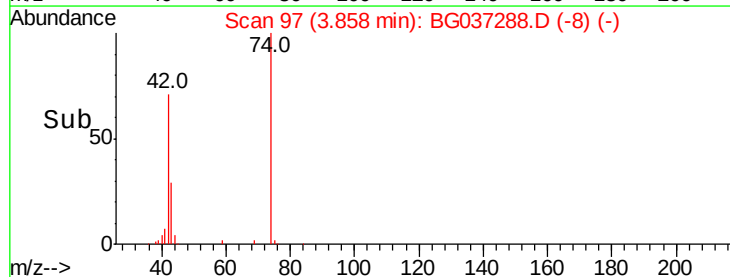
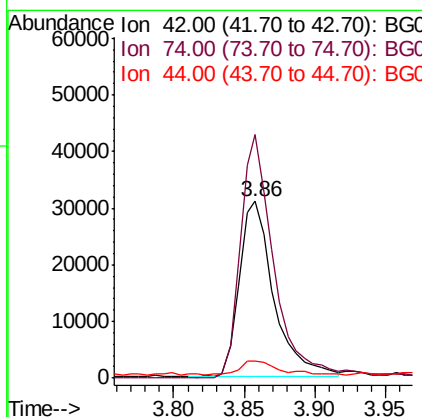
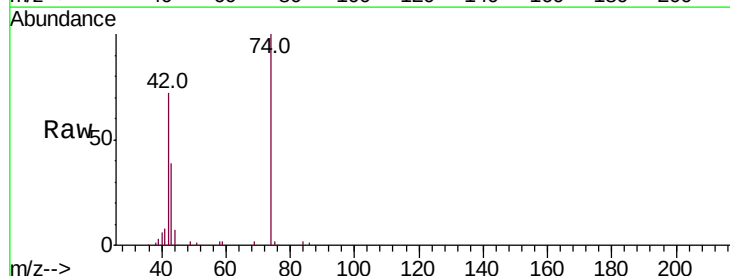
RT: 3.86 min Scan# 97

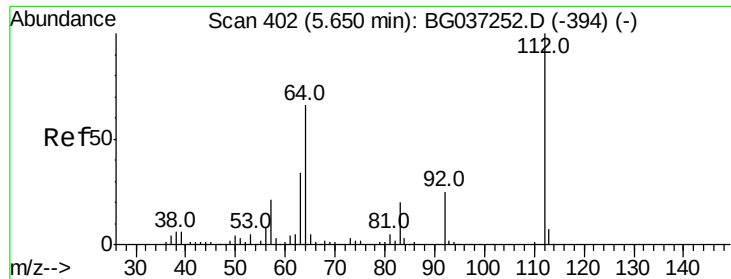
Delta R.T. -0.01 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Tgt Ion:	42	Resp:	53121
Ion	Ratio	Lower	Upper
42	100		
74	137.9	102.0	153.0
44	9.4	9.6	14.4#





#5

2-Fluorophenol

Concen: 122.344 ng

RT: 5.66 min Scan# 403

Delta R.T. 0.01 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Instrument :

BNA_G

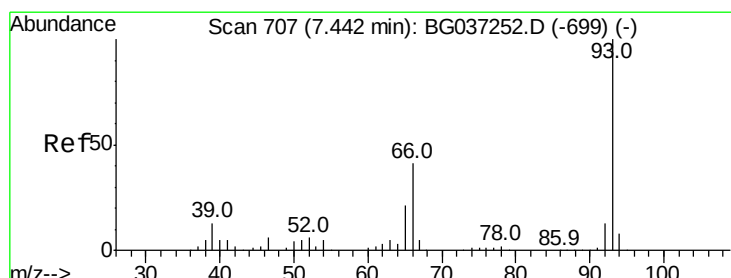
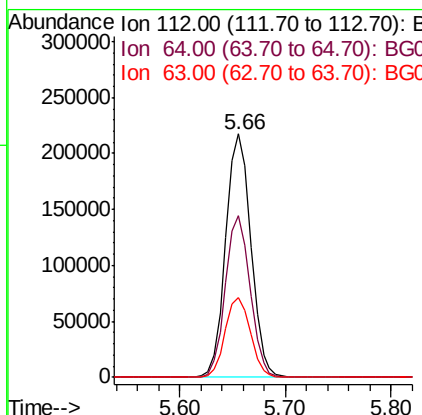
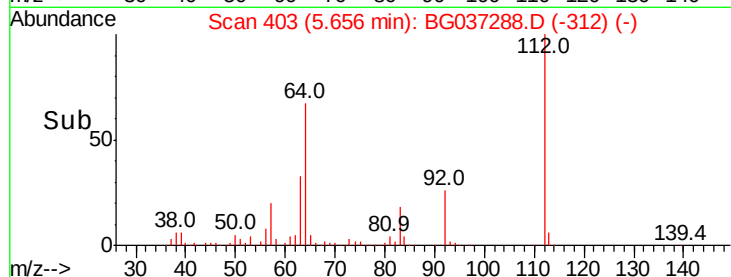
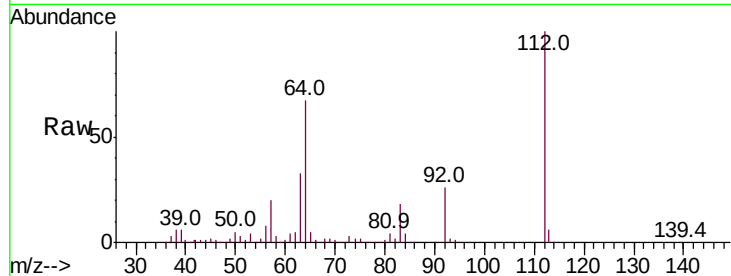
ClientSampleId :

PB113678BS

Tot Ion:	112	Resp:	358528
Ion Ratio	Lower	Upper	
112	100		
64	66.5	53.1	79.7
63	32.8	27.3	40.9

Manual Integrations
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#6

Aniline

Concen: 27.282 ng

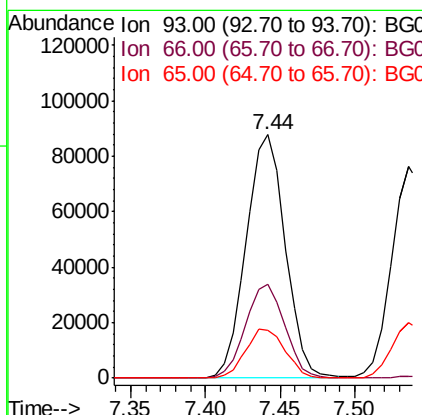
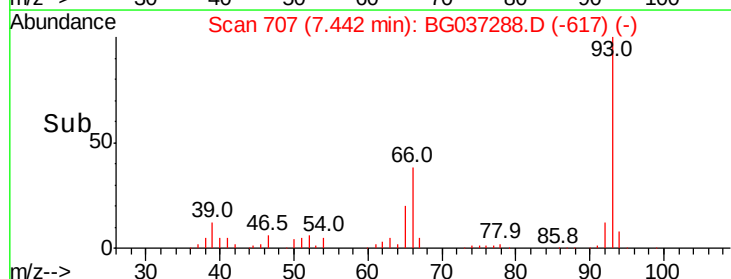
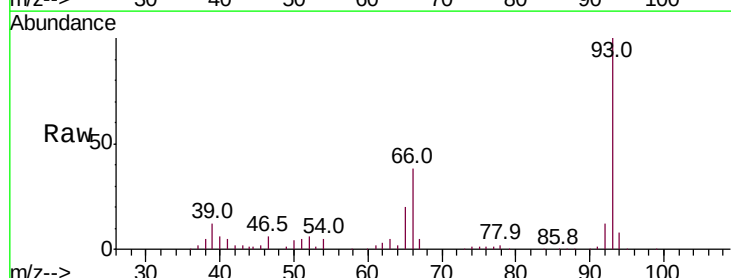
RT: 7.44 min Scan# 707

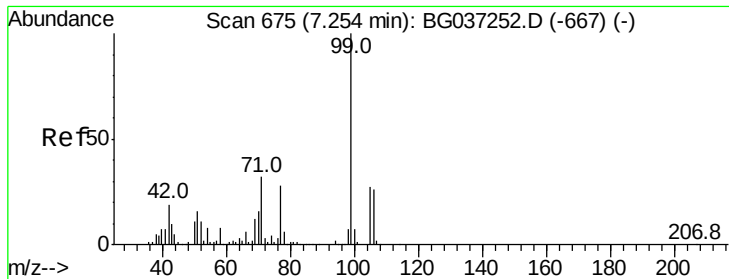
Delta R.T. -0.00 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Tgt Ion:	93	Resp:	158852
Ion Ratio	Lower	Upper	
93	100		
66	38.5	32.8	49.2
65	19.8	16.4	24.6





#7

Phenol-d6

Concen: 114.993 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.01 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Instrument :

BNA_G

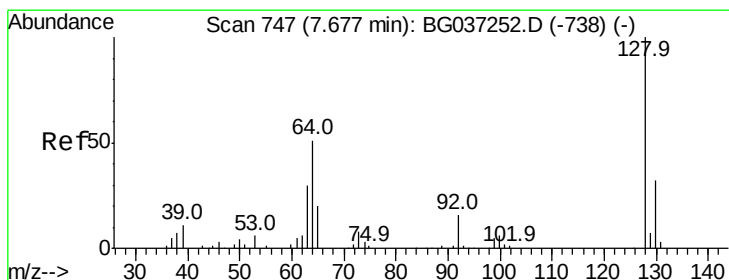
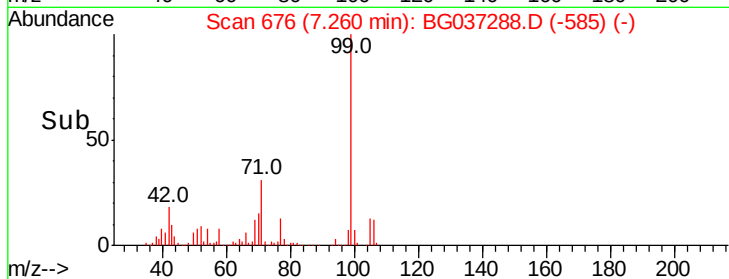
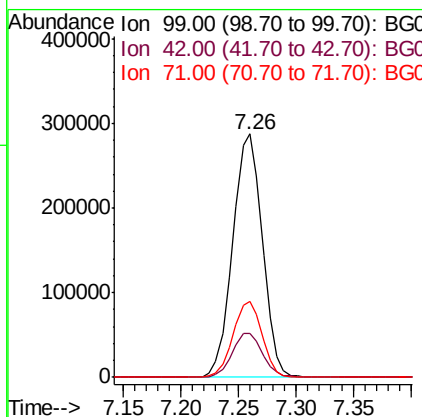
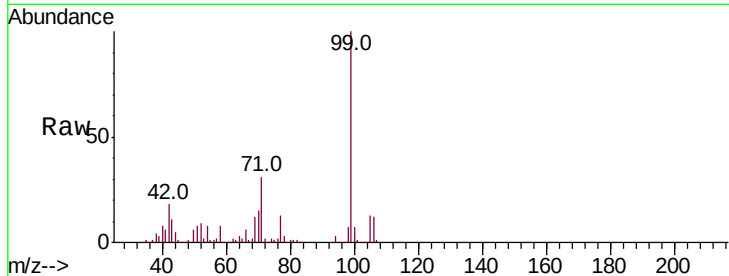
ClientSampleId :

PB113678BS

Tot Ion:	99	Resp:	511493
Ion Ratio	Lower	Upper	
99	100		
42	18.1	15.0	22.4
71	31.0	25.5	38.3

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#8

2-Chlorophenol

Concen: 41.232 ng

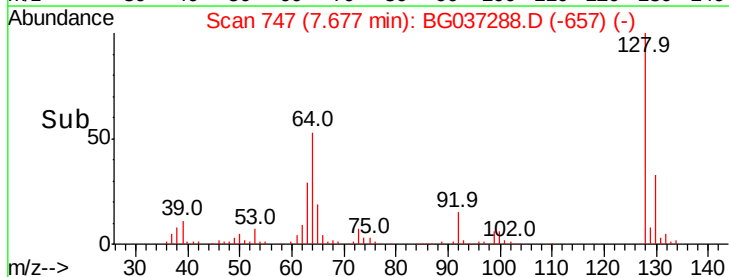
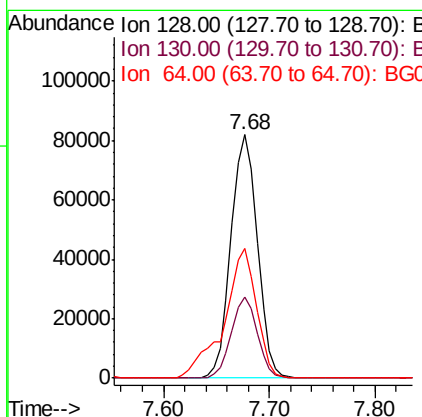
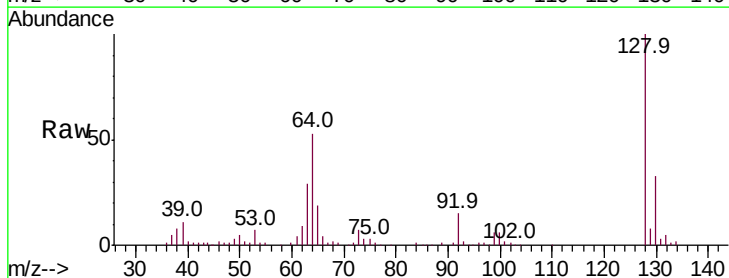
RT: 7.68 min Scan# 747

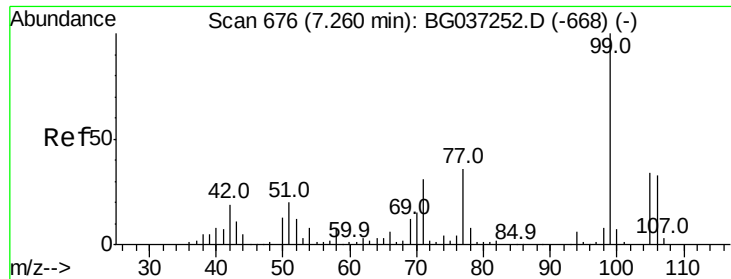
Delta R.T. -0.00 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Tgt Ion:	128	Resp:	141415
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.0	52.0
64	53.1	32.9	72.9





#9

Benzaldehyde

Concen: 23.280 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Instrument :

BNA_G

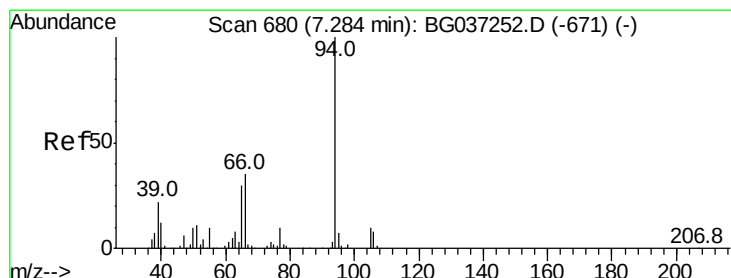
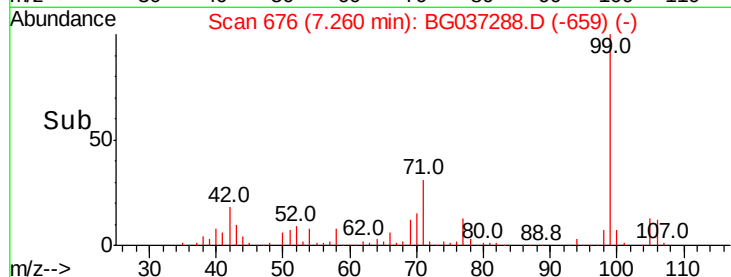
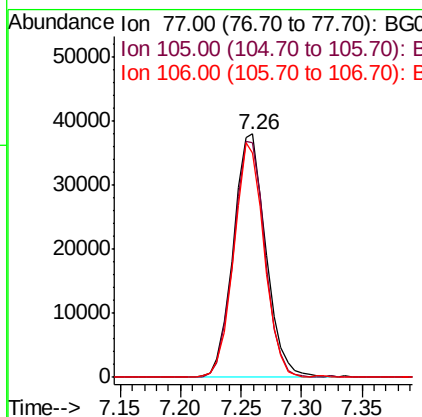
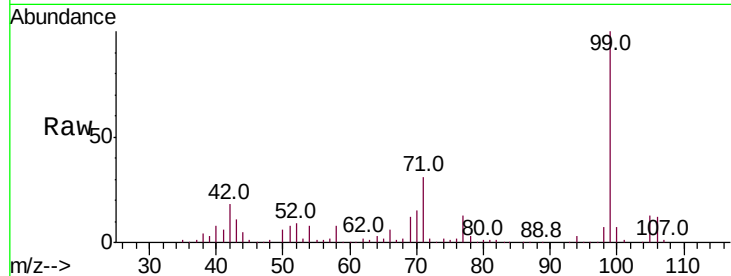
ClientSampleID :

PB113678BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.5	72.6	112.6
106	92.1	71.3	111.3

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#10

Phenol

Concen: 40.478 ng

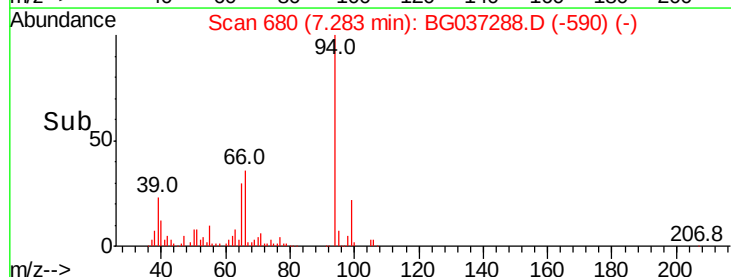
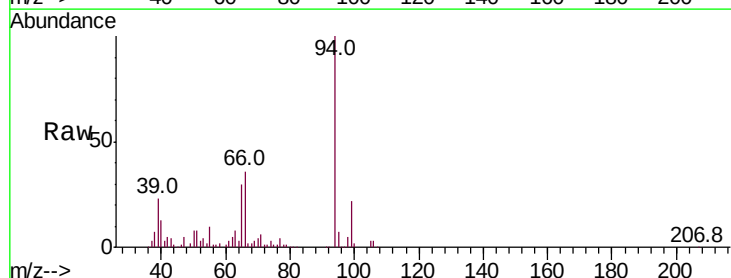
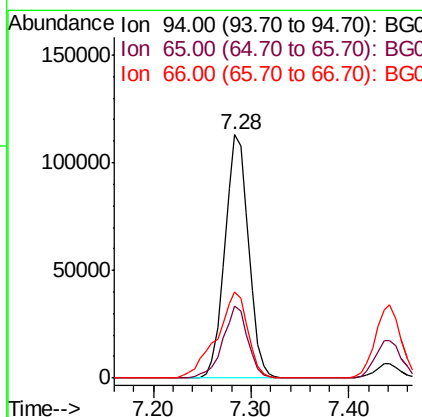
RT: 7.28 min Scan# 680

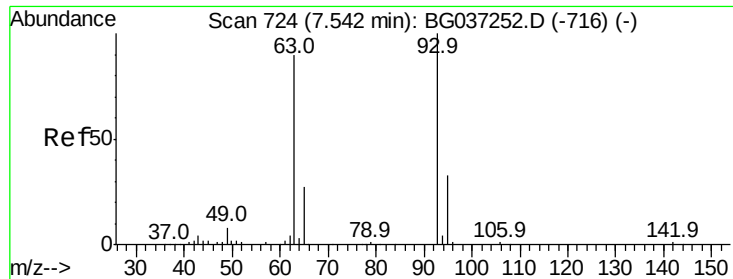
Delta R.T. -0.00 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.7	9.7	49.7
66	35.6	15.9	55.9





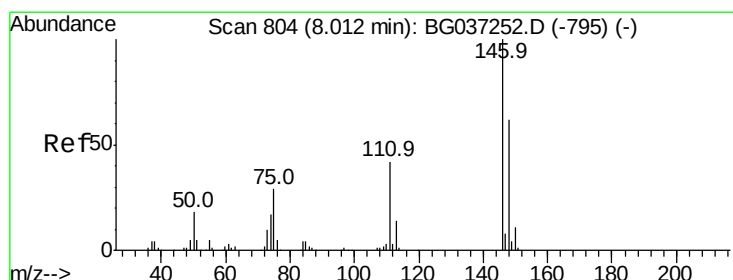
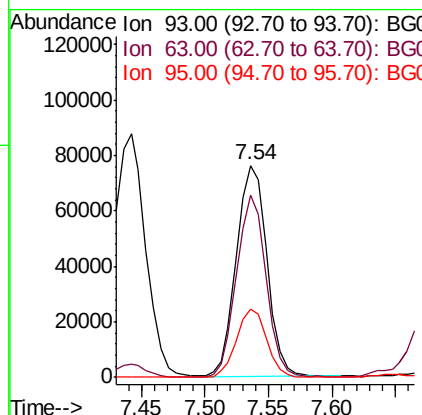
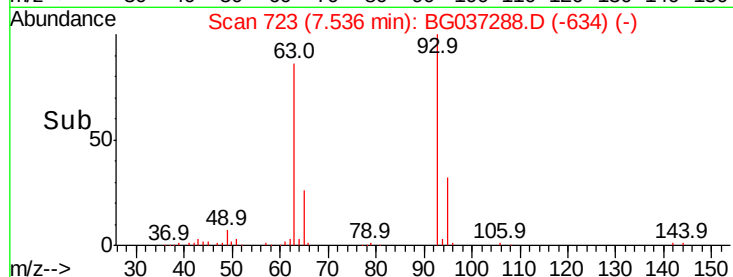
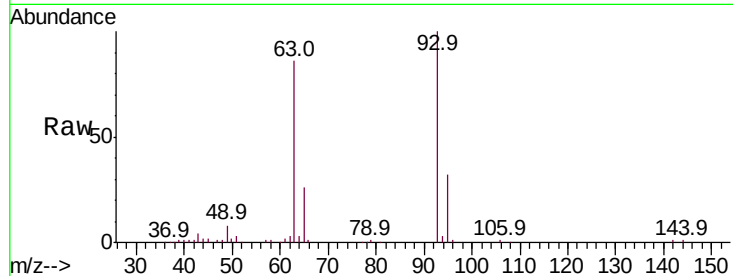
#11
bis(2-Chloroethyl)ether
Concen: 33.179 ng
RT: 7.54 min Scan# 723
Delta R.T. -0.01 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Instrument :
BNA_G
ClientSampleId :
PB113678BS

Tot Ion	93	Resp	126982
Ion	Ratio	Lower	Upper
93	100		
63	85.7	69.5	109.5
95	32.1	12.6	52.6

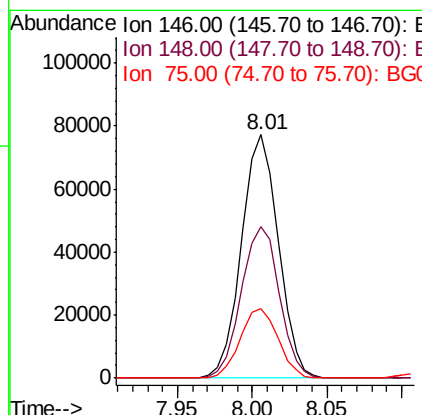
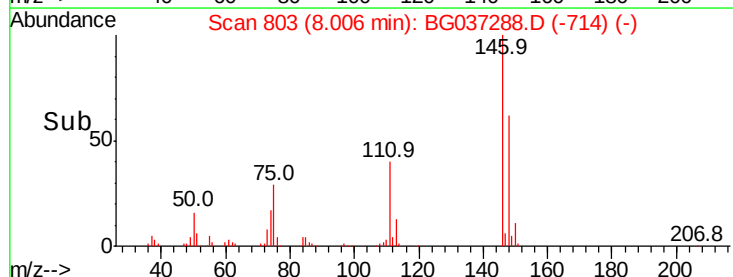
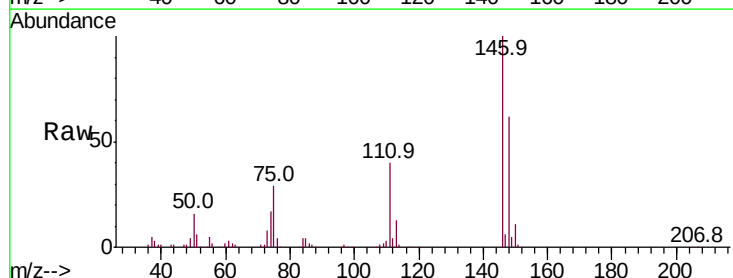
Manual Integrations
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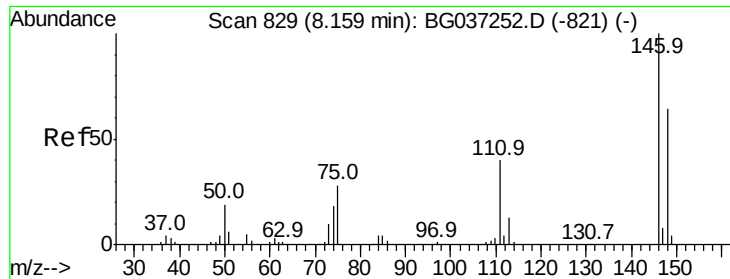
Sohil
10/12/2018 3:56:02 PM



#12
1,3-Dichlorobenzene
Concen: 32.828 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.01 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Tgt Ion	146	Resp	132362
Ion	Ratio	Lower	Upper
146	100		
148	62.1	49.8	74.8
75	28.6	23.2	34.8





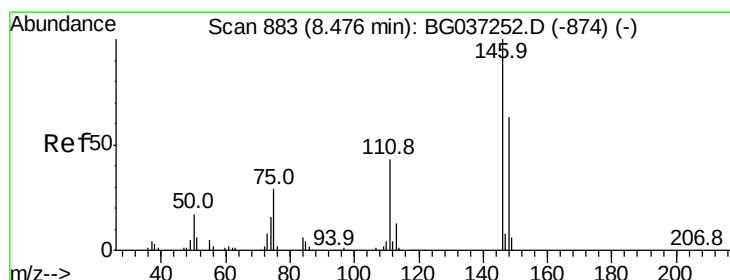
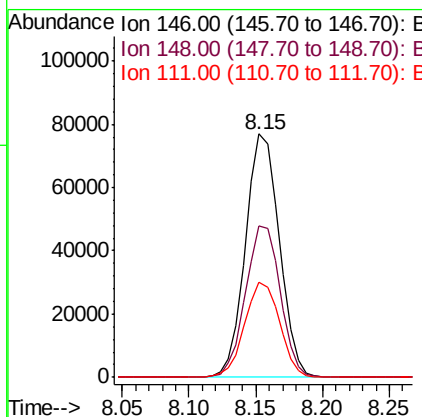
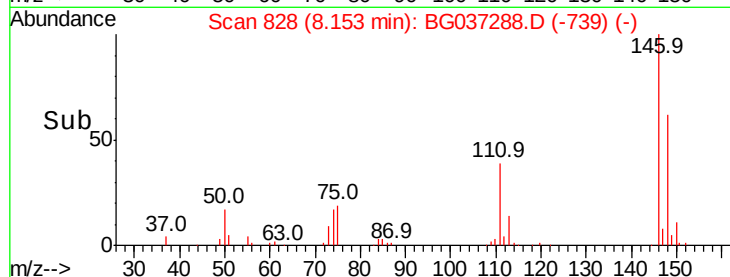
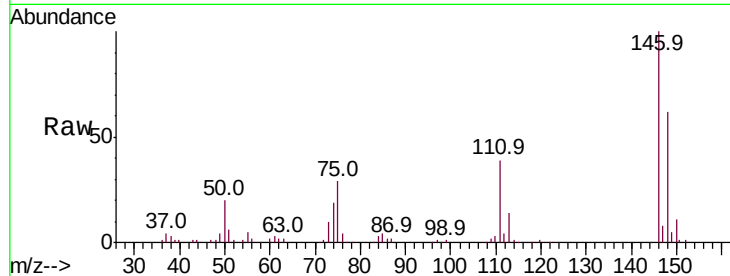
#13
 1,4-Dichlorobenzene
 Concen: 33.024 ng
 RT: 8.15 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BG037288.D
 Acq: 12 Oct 2018 12:19

Instrument :
 BNA_G
 ClientSampleID :
 PB113678BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.0	76.6
111	39.3	32.4	48.6

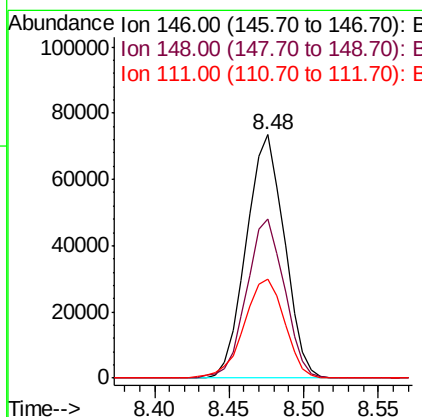
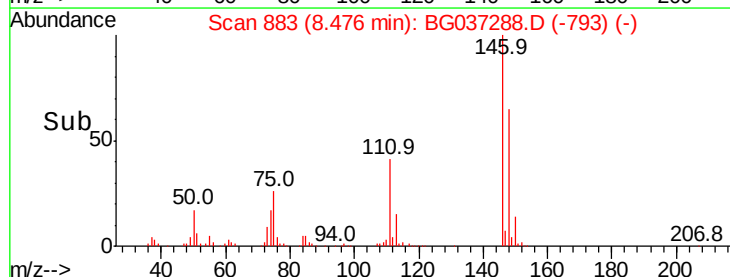
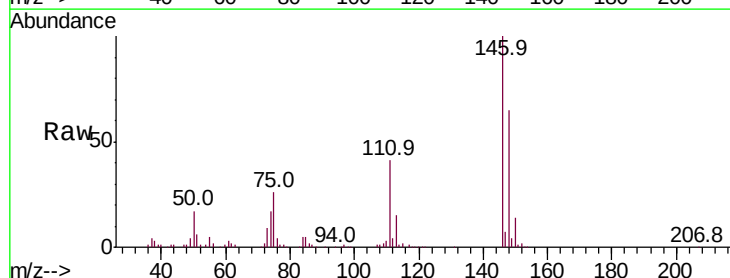
Manual Integrations
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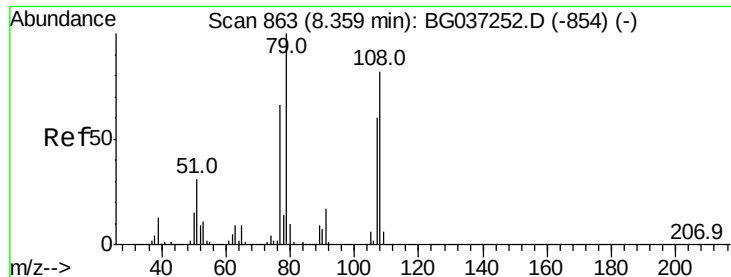
Sohil
 10/12/2018 3:56:02 PM



#14
 1,2-Dichlorobenzene
 Concen: 32.824 ng
 RT: 8.48 min Scan# 883
 Delta R.T. -0.00 min
 Lab File: BG037288.D
 Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.4	75.6
111	40.7	34.6	51.8





#15

Benzyl Alcohol

Concen: 37.062 ng

RT: 8.36 min Scan# 863

Delta R.T. -0.00 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Instrument :

BNA_G

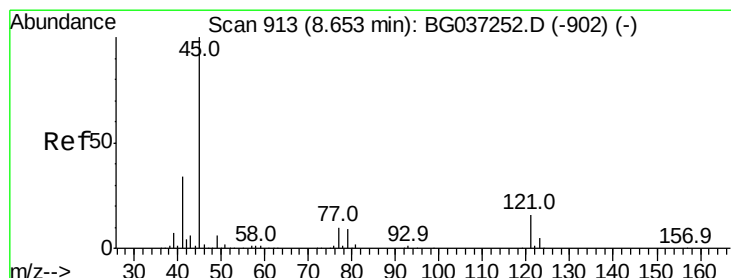
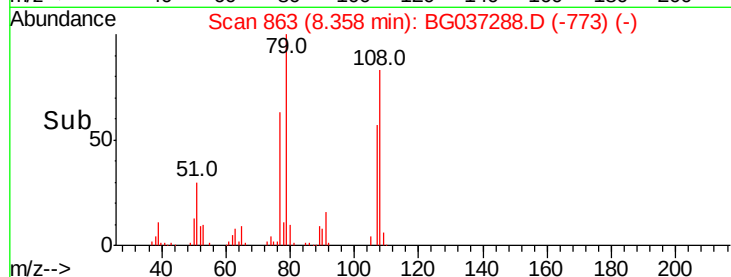
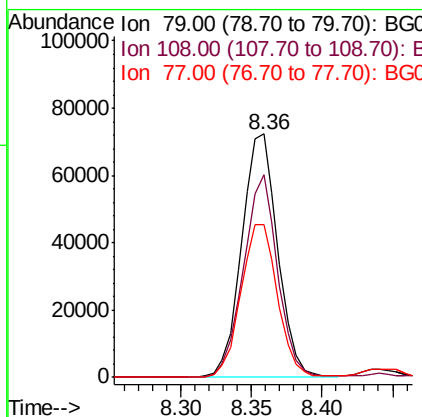
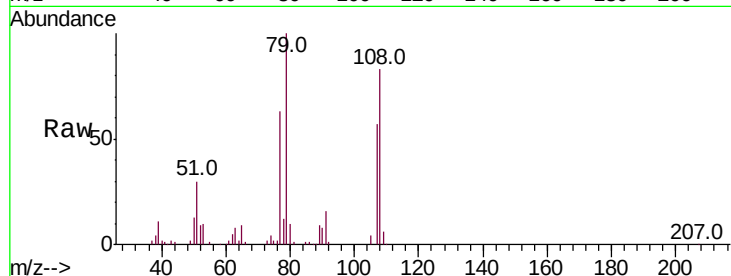
ClientSampleId :

PB113678BS

Tot Ion	79	108	77
Ratio	100	83.2	63.0
Lower		65.8	52.9
Upper		98.8	79.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.653 ng

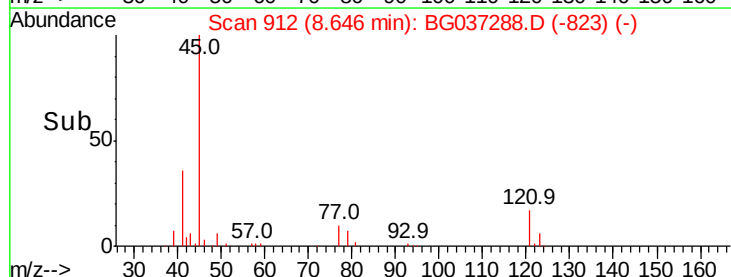
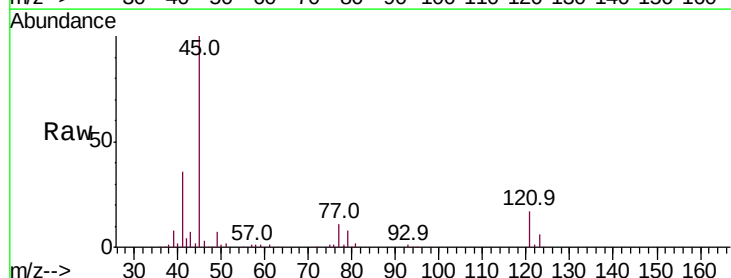
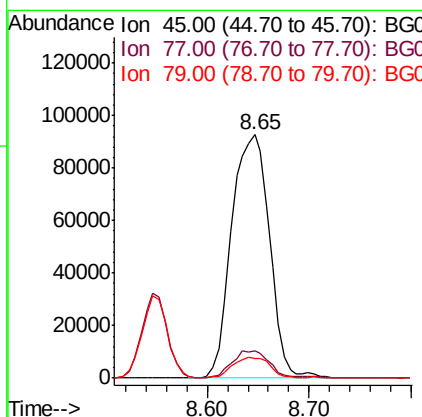
RT: 8.65 min Scan# 912

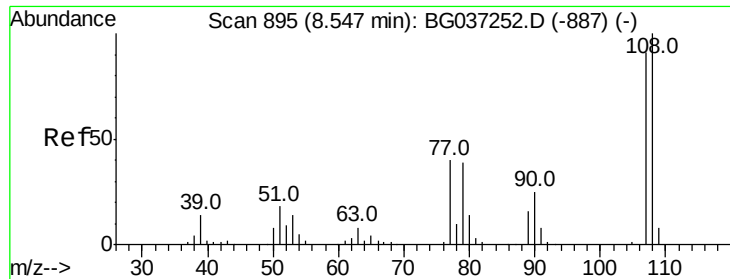
Delta R.T. -0.01 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Tgt Ion	45	77	79
Ratio	100	11.0	8.0
Lower		0.0	0.0
Upper		30.0	29.0





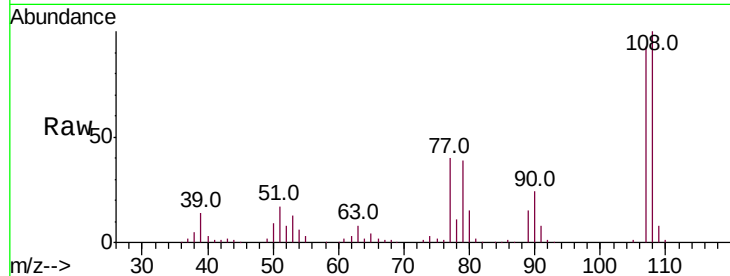
#17
2-Methylphenol
Concen: 41.241 ng
RT: 8.55 min Scan# 895
Delta R.T. -0.00 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Instrument :
BNA_G
ClientSampleId :
PB113678BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.3	87.9	131.9	
77	42.9	35.1	52.7	
79	41.7	34.5	51.7	

Manual Integrations
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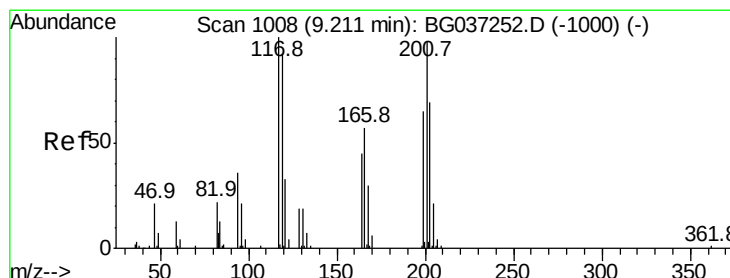
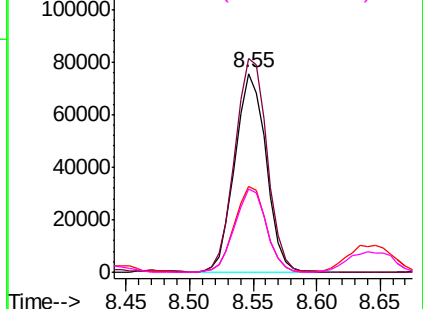
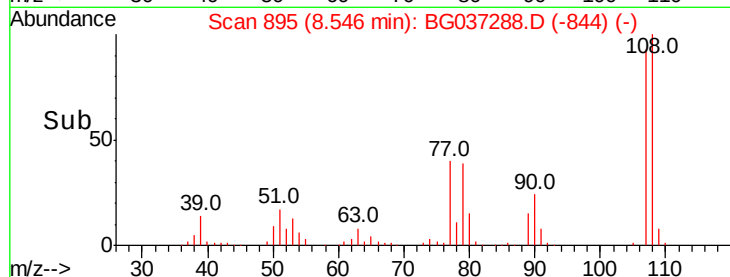
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

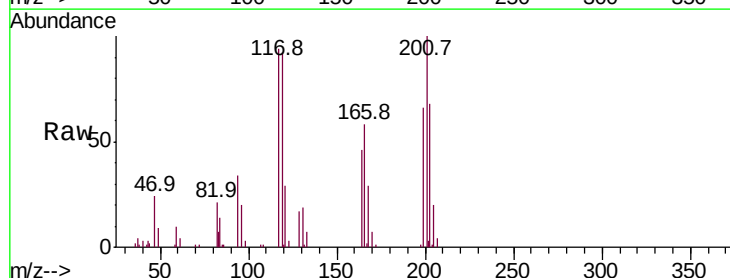
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 32.693 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.7	74.6	111.8	
201	109.9	80.8	121.2	

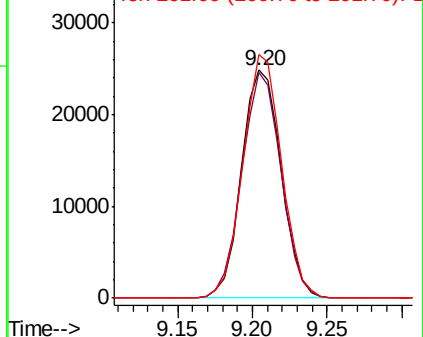
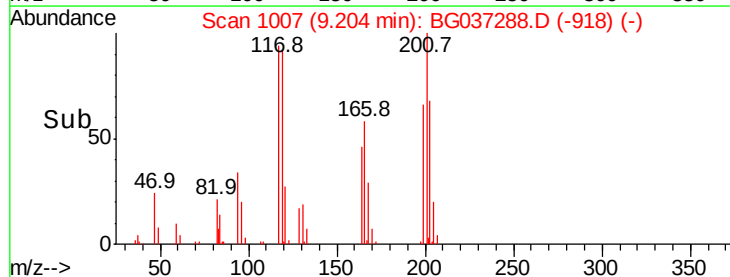


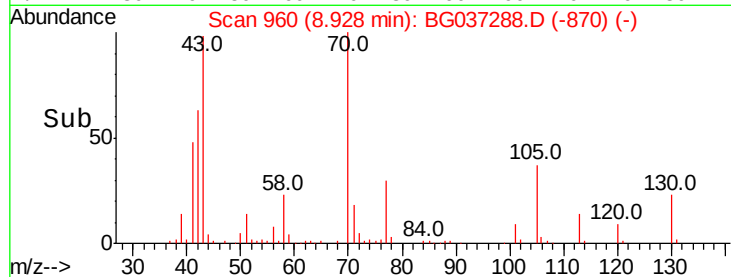
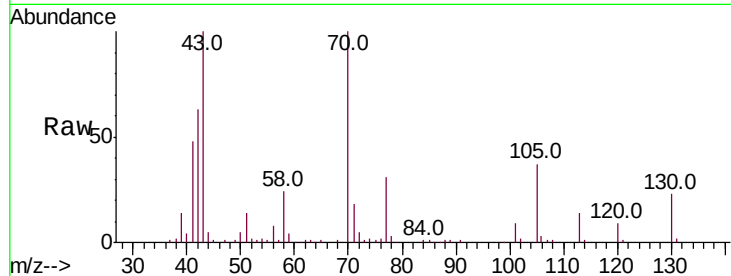
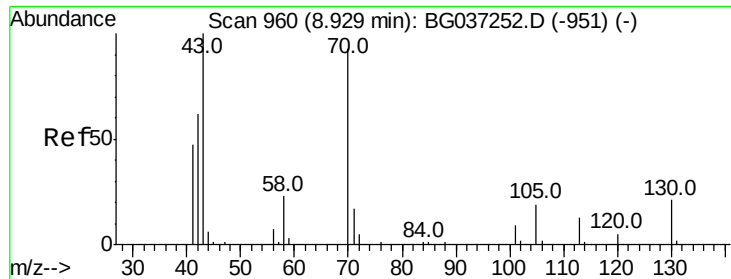
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





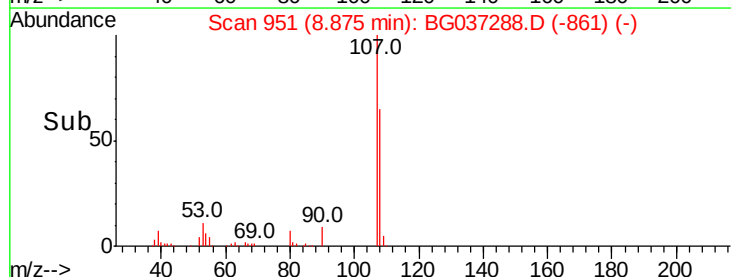
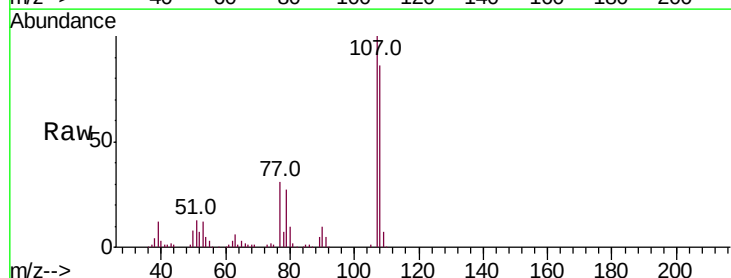
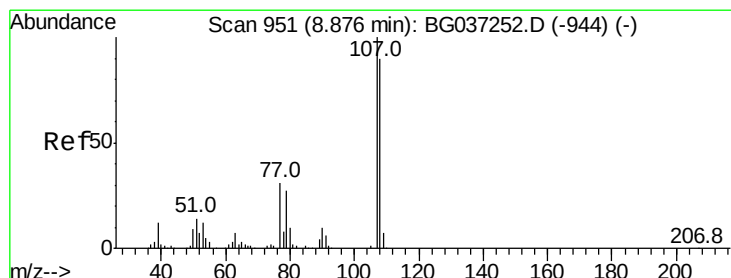
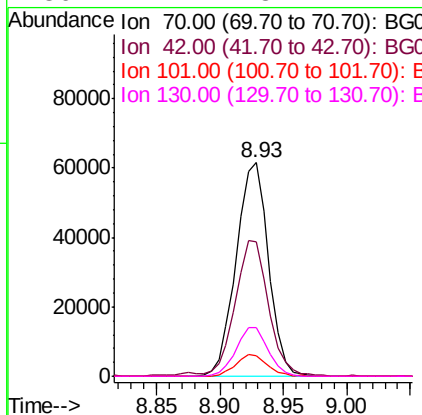
#19
n-Nitroso-di-n-propylamine
Concen: 32.243 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Instrument :
BNA_G
ClientSampleId :
PB113678BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.0	53.9	80.9	
101	9.5	8.2	12.2	
130	22.7	18.2	27.4	

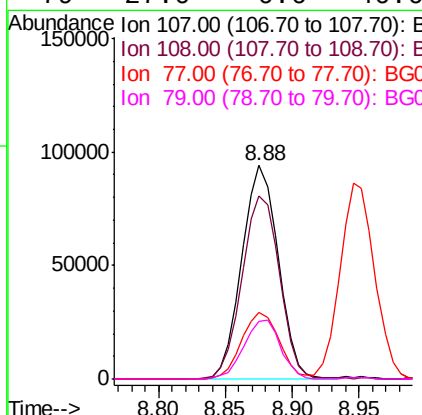
Manual Integrations
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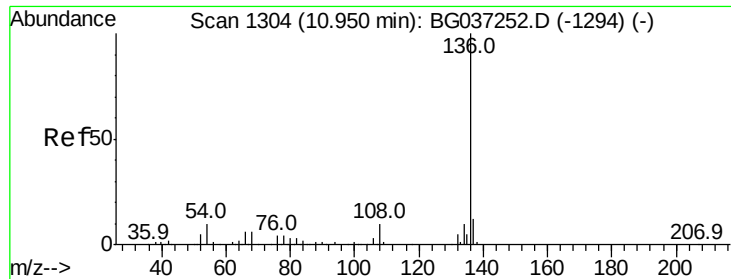
Sohil
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#20
3+4-Methylphenols
Concen: 40.545 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.6	69.9	109.9	
77	30.9	11.2	51.2	
79	27.0	6.6	46.6	





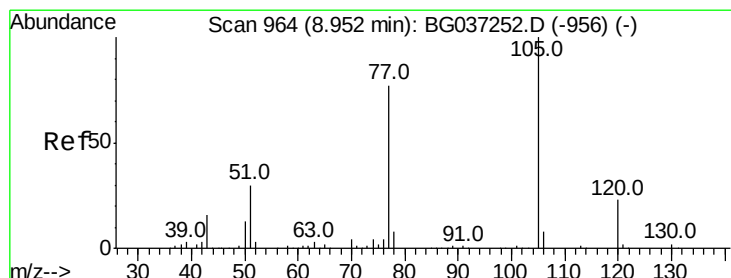
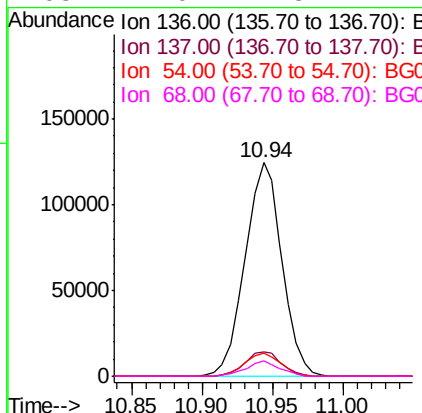
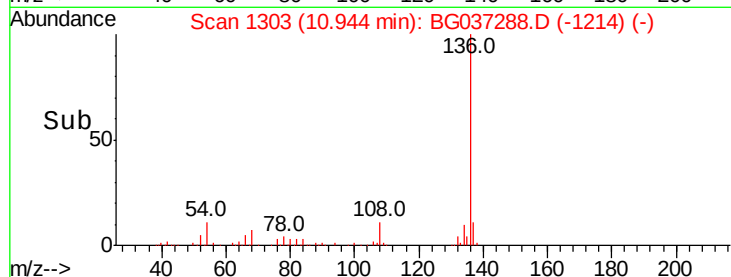
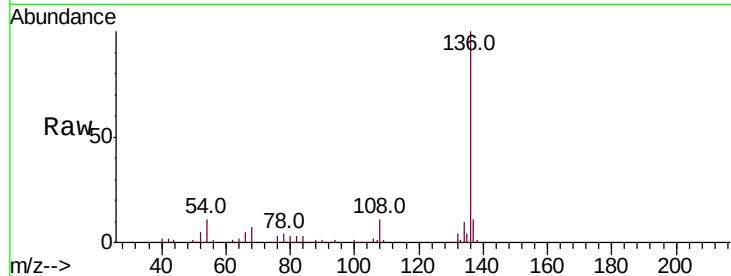
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Instrument :
BNA_G
ClientSampleId :
PB113678BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	9.6	14.4	
54	10.8	7.9	11.9	
68	7.0	4.8	7.2	

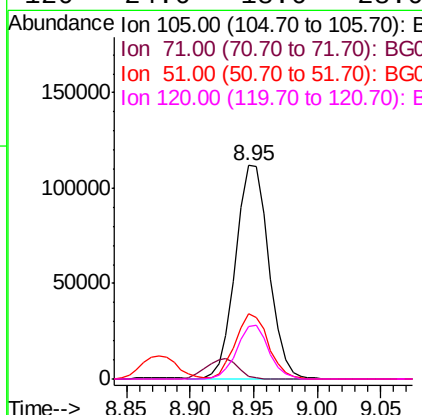
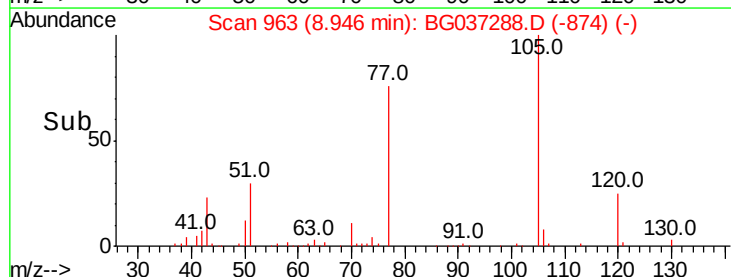
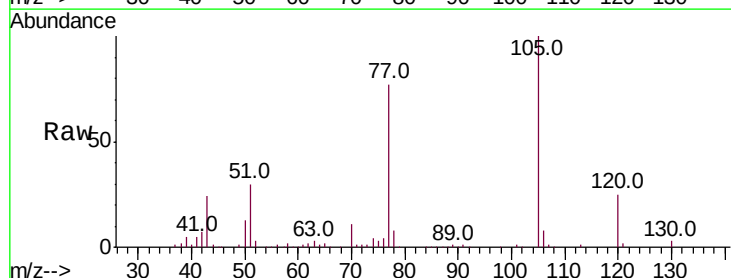
Manual Integrations
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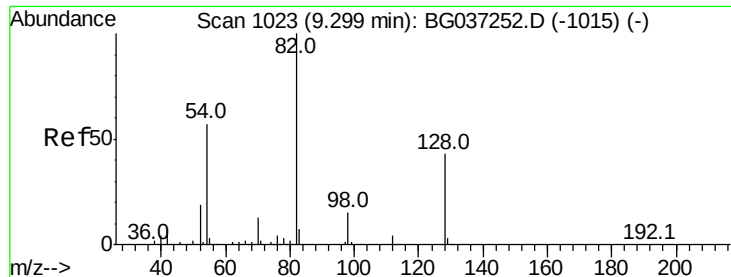
Sohil
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#22
Acetophenone
Concen: 35.674 ng
RT: 8.95 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.4	1.2	1.8	
51	30.4	25.0	37.6	
120	24.6	18.6	28.0	





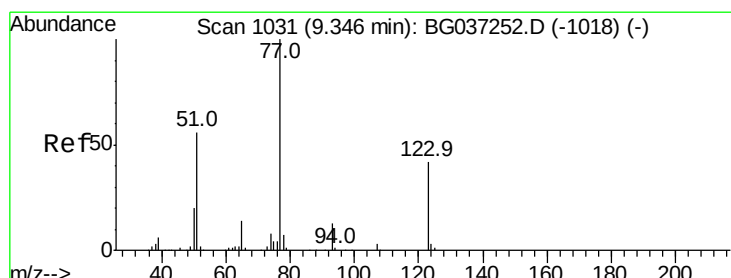
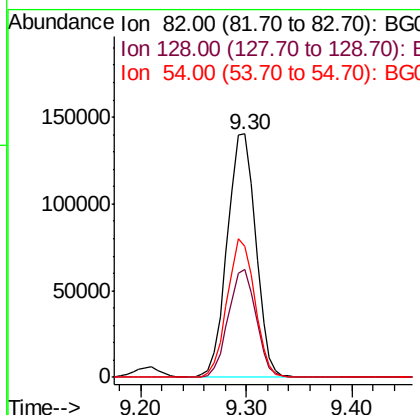
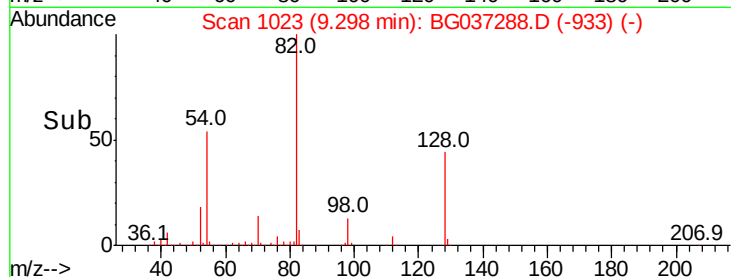
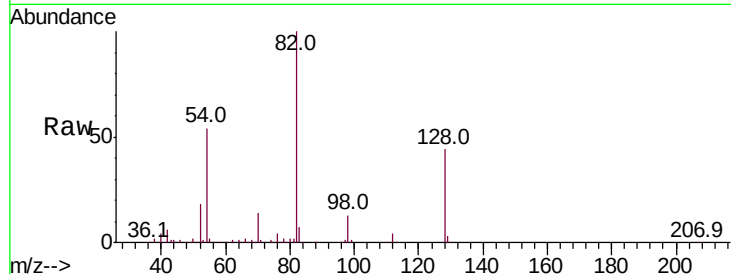
#23
 Nitrobenzene-d5
 Concen: 75.646 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BG037288.D
 Acq: 12 Oct 2018 12:19

Instrument :
 BNA_G
 ClientSampleId :
 PB113678BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	261604		
128	44.4	34.6	51.8	
54	54.0	45.3	67.9	

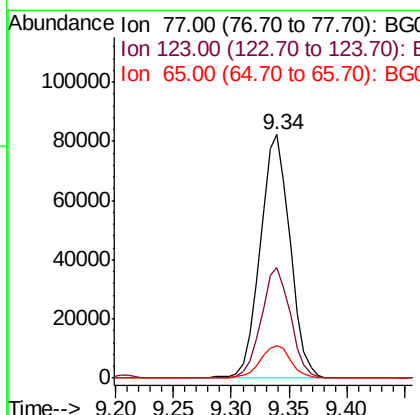
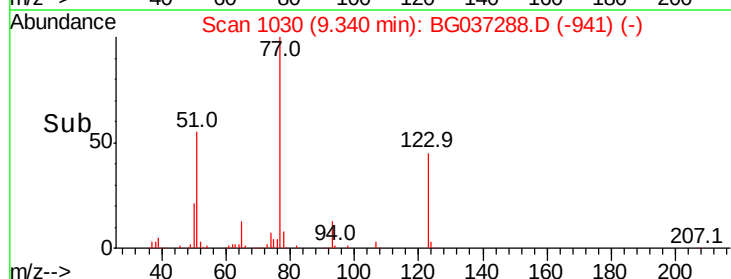
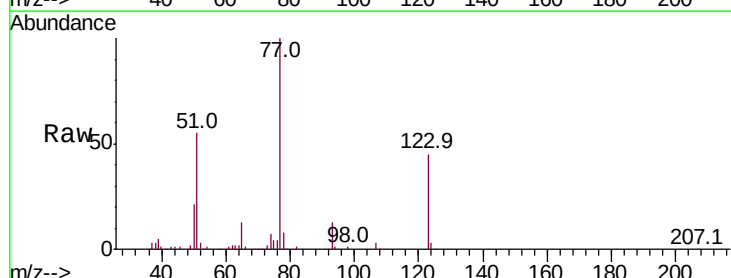
Manual Integrations
 APPROVED

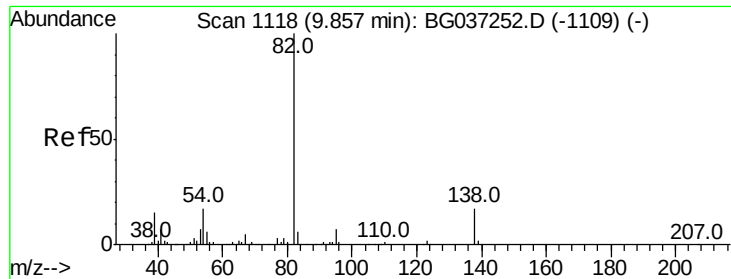
Sohil
 10/12/2018 3:56:02 PM



#24
 Nitrobenzene
 Concen: 40.051 ng
 RT: 9.34 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BG037288.D
 Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	148351		
123	45.4	33.6	50.4	
65	13.4	11.3	16.9	





#25

Isophorone

Concen: 39.718 ng

RT: 9.86 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Instrument :

BNA_G

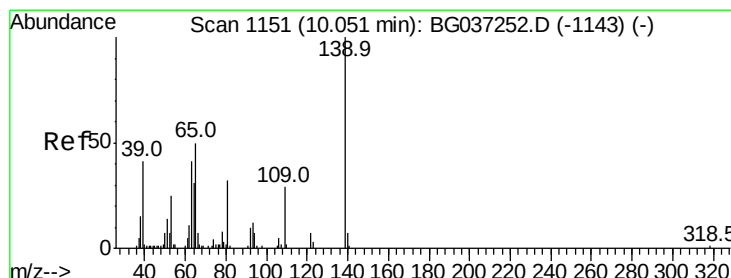
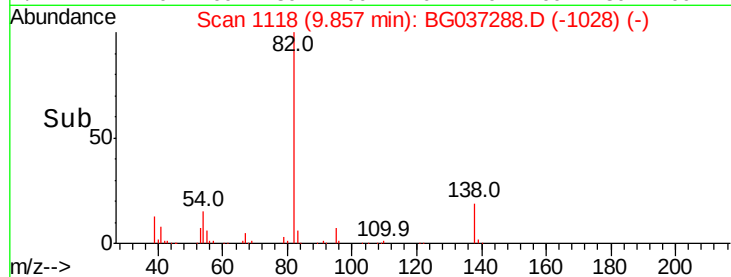
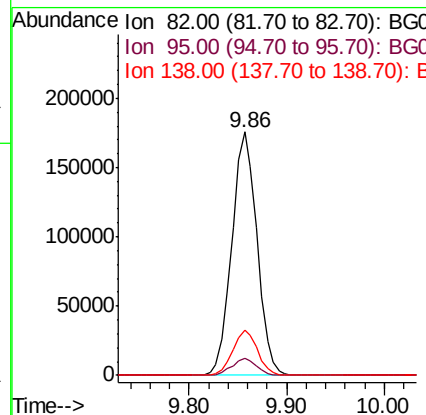
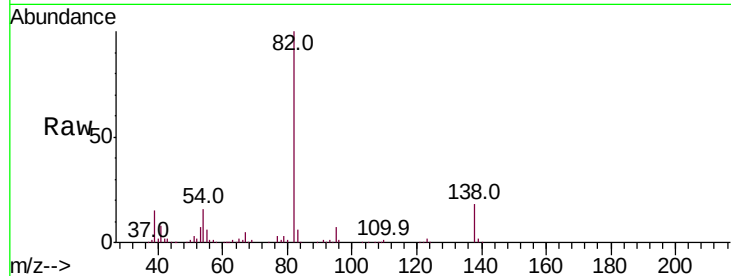
ClientSampleId :

PB113678BS

Tot Ion:	82	Resp:	313563
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	18.5	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.833 ng

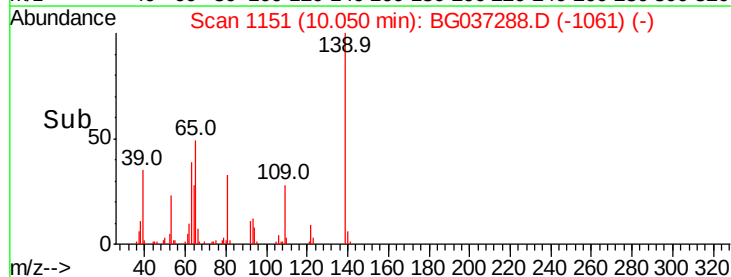
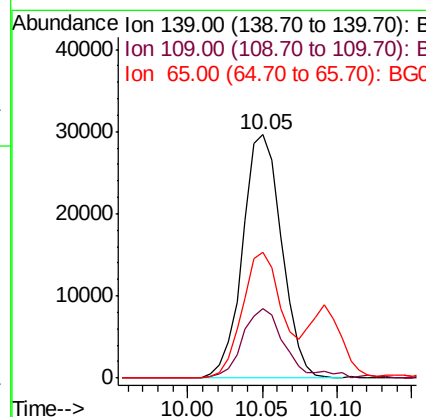
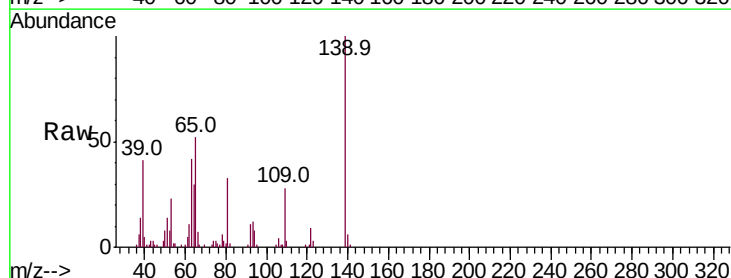
RT: 10.05 min Scan# 1151

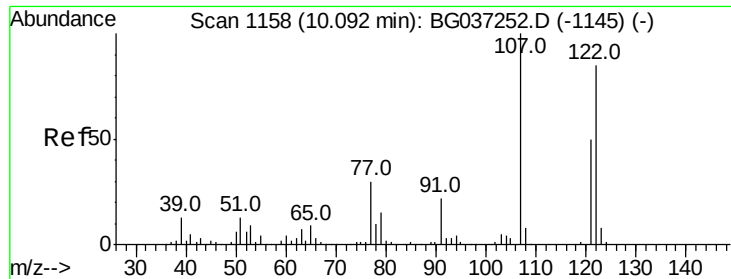
Delta R.T. -0.00 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Tgt Ion:	139	Resp:	53611
Ion Ratio	Lower	Upper	
139	100		
109	28.4	23.3	34.9
65	51.5	39.8	59.8





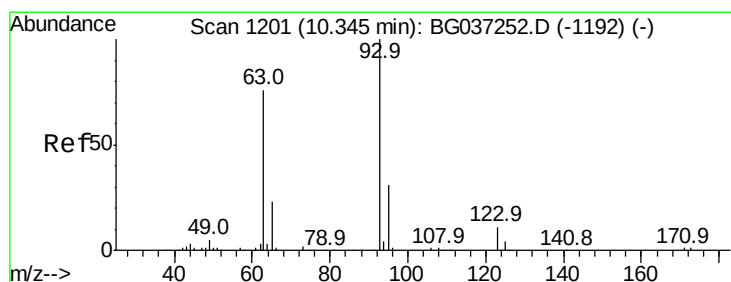
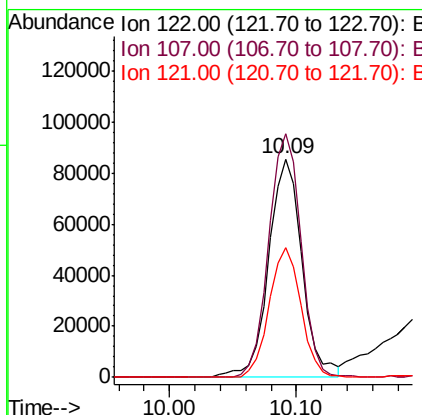
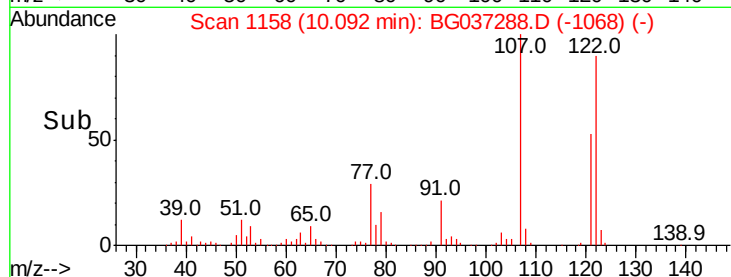
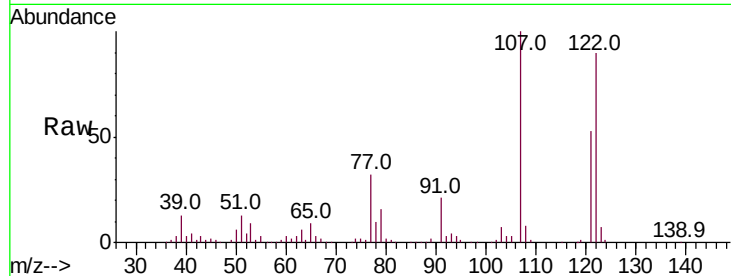
#27
 2,4-Dimethylphenol
 Concen: 47.565 ng
 RT: 10.09 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BG037288.D
 Acq: 12 Oct 2018 12:19

Instrument :
 BNA_G
 ClientSampleId :
 PB113678BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.5	94.2	141.2
121	59.2	47.3	70.9

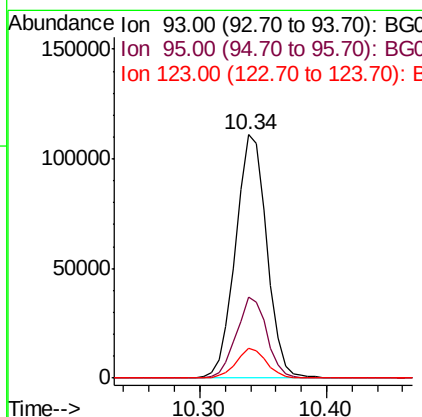
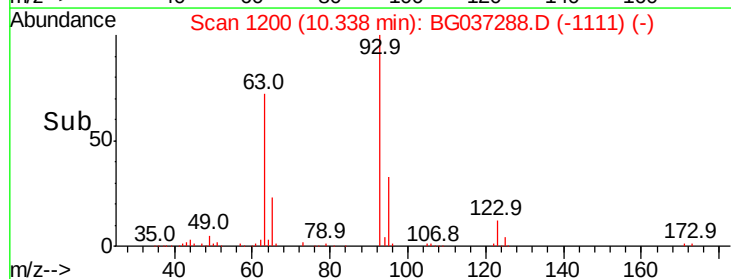
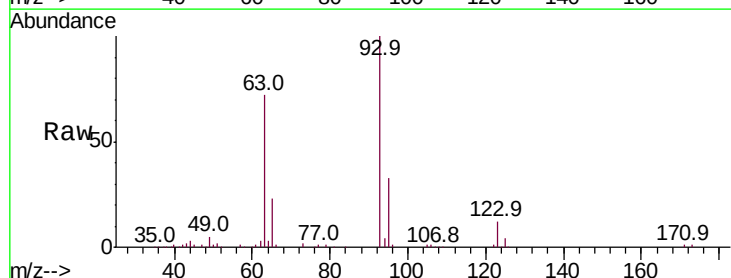
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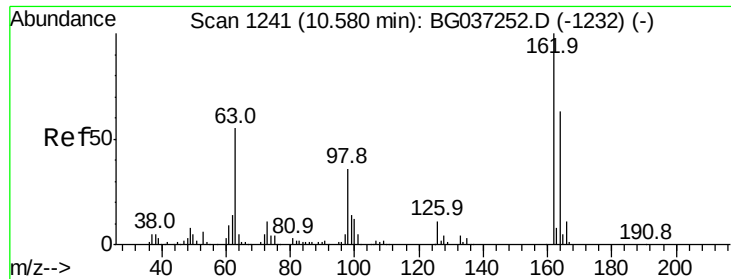
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.273 ng
 RT: 10.34 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BG037288.D
 Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	24.6	37.0
123	12.2	9.1	13.7





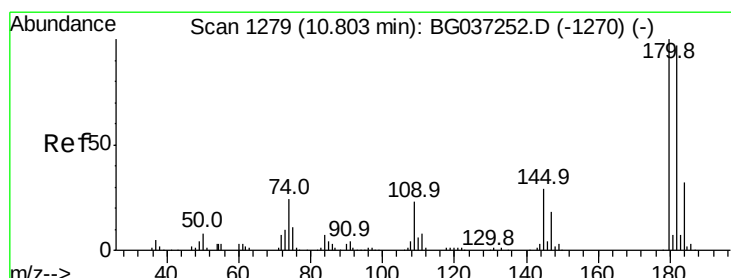
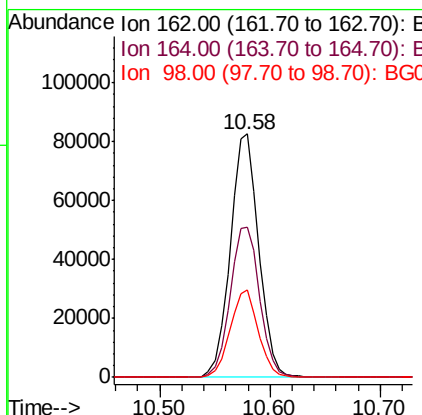
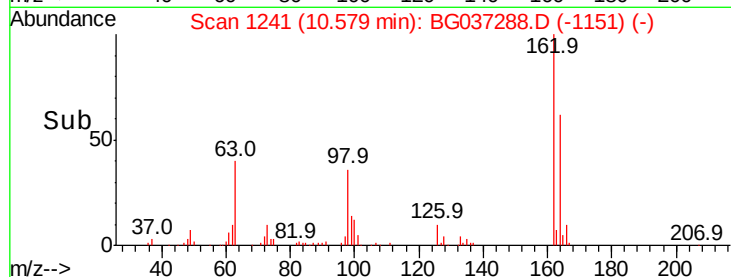
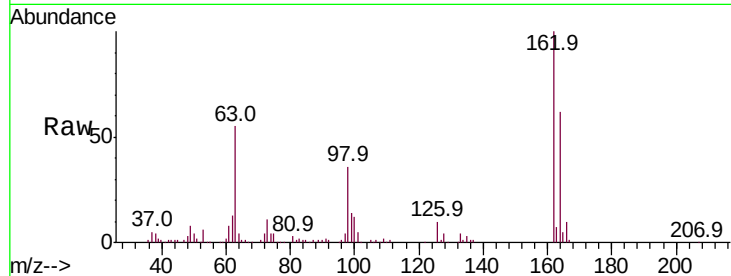
#29
 2,4-Dichlorophenol
 Concen: 44.455 ng
 RT: 10.58 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BG037288.D
 Acq: 12 Oct 2018 12:19

Instrument :
 BNA_G
 ClientSampleID :
 PB113678BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	148908		
164	61.5	43.2	83.2	
98	35.8	16.0	56.0	

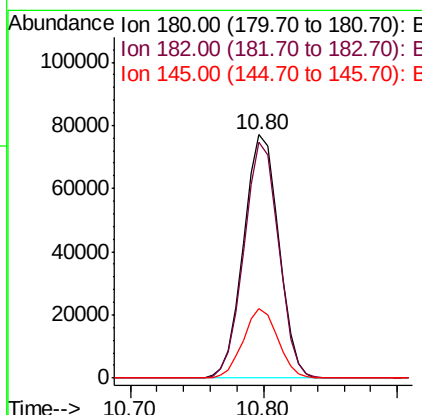
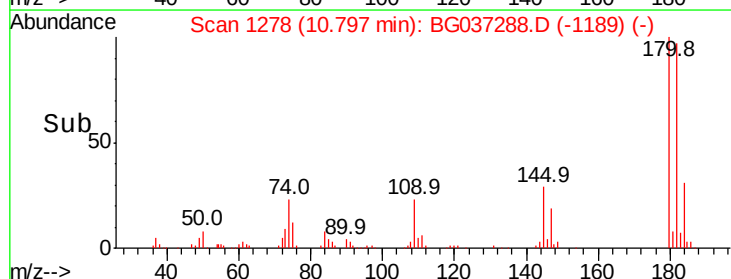
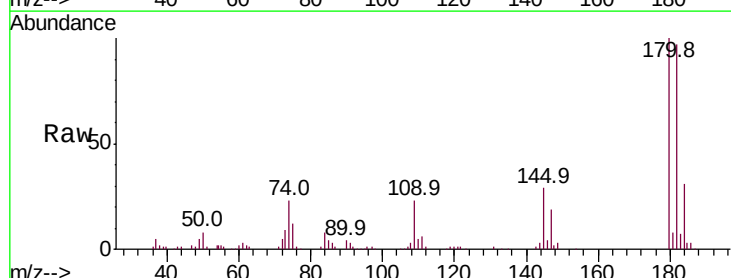
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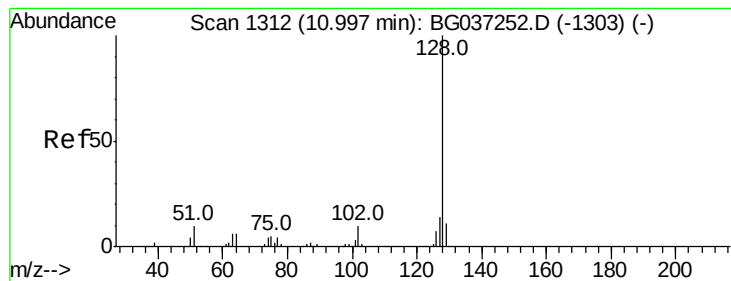
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#30
 1,2,4-Trichlorobenzene
 Concen: 34.368 ng
 RT: 10.80 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BG037288.D
 Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	140089		
182	96.9	77.7	116.5	
145	28.7	23.3	34.9	





#31

Naphthalene

Concen: 38.643 ng

RT: 11.00 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Instrument :

BNA_G

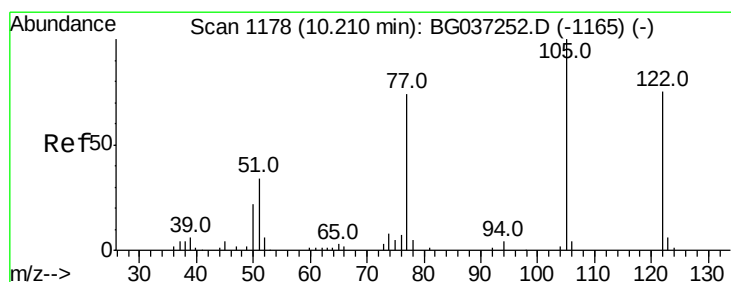
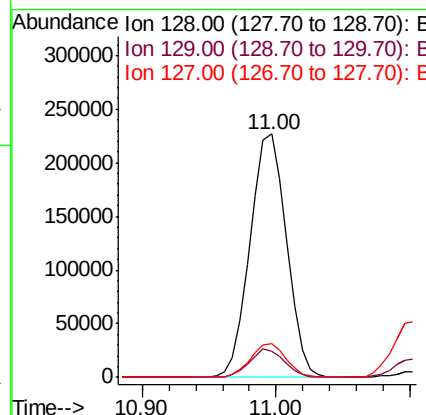
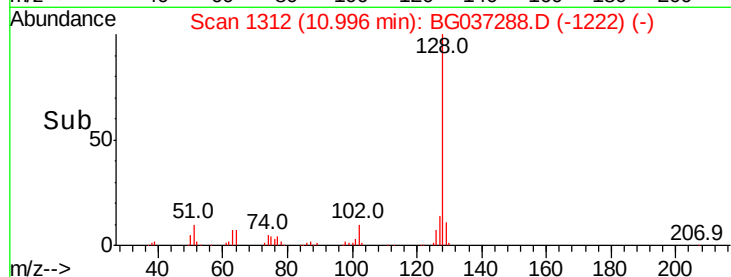
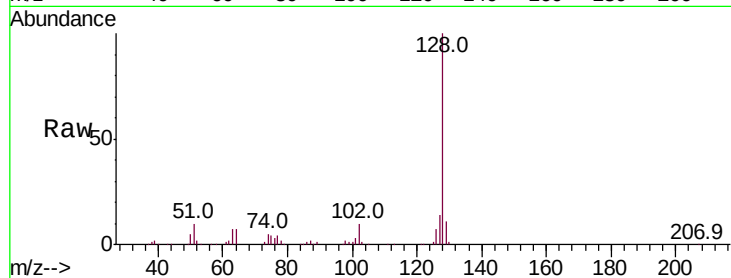
ClientSampleId :

PB113678BS

Tot Ion:128	Resp:	426994
Ion Ratio	Lower	Upper
128 100		
129 10.8	9.0	13.6
127 13.9	11.1	16.7

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#32

Benzoic acid

Concen: 46.960 ng

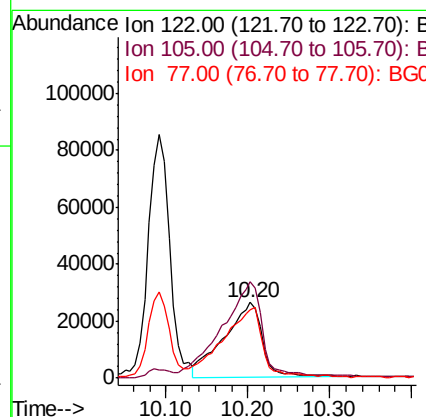
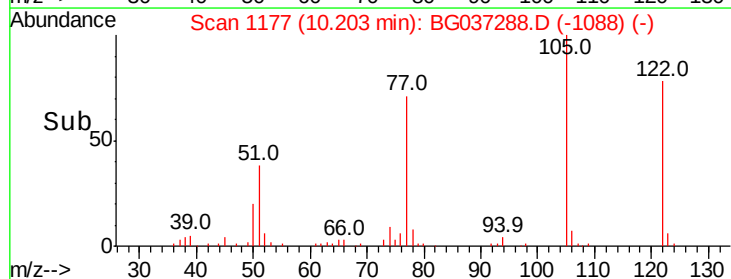
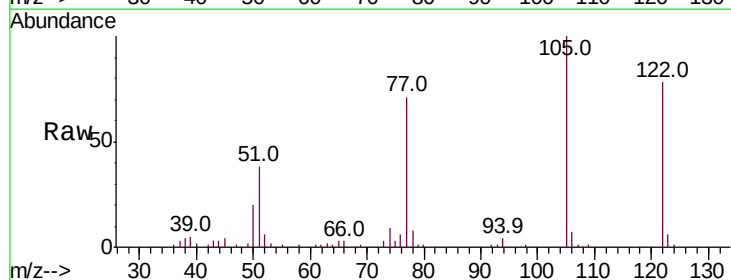
RT: 10.20 min Scan# 1177

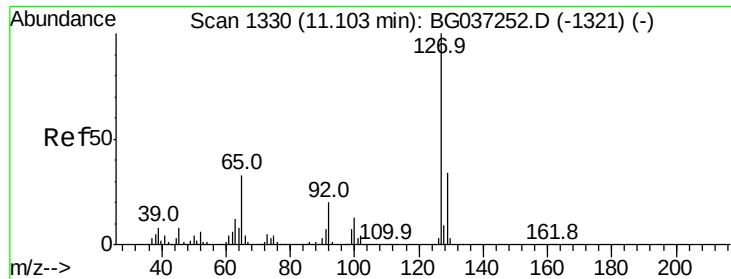
Delta R.T. -0.01 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Tgt Ion:122	Resp:	85566
Ion Ratio	Lower	Upper
122 100		
105 127.5	106.7	146.7
77 90.3	72.2	112.2





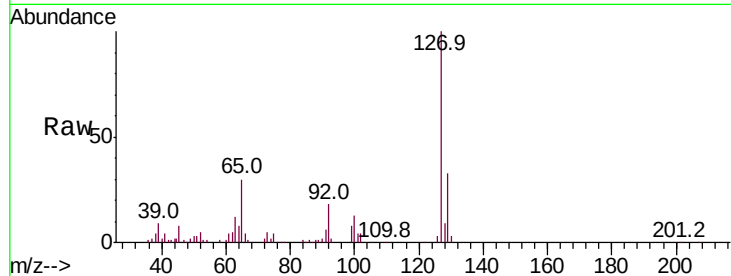
#33
4-Chloroaniline
Concen: 19.059 ng
RT: 11.10 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Instrument :
BNA_G
ClientSampleId :
PB113678BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	27.1	40.7	
65	30.5	26.6	39.8	
92	17.8	16.4	24.6	

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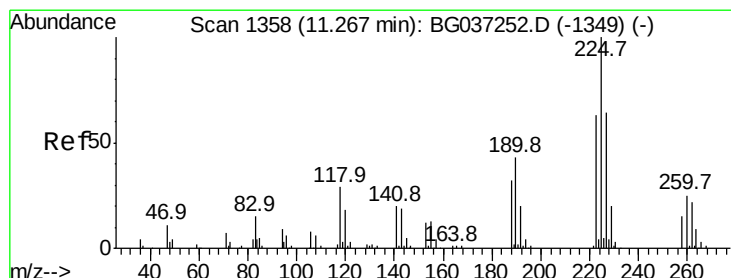
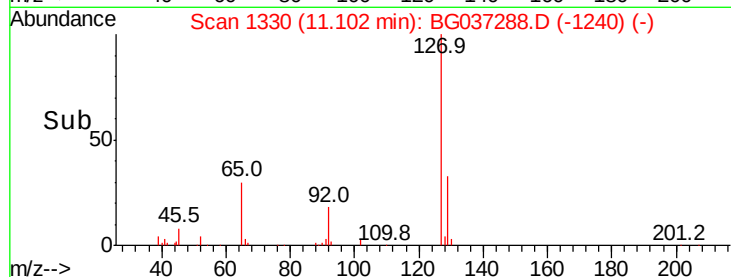
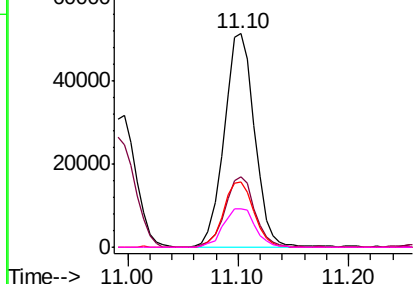
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

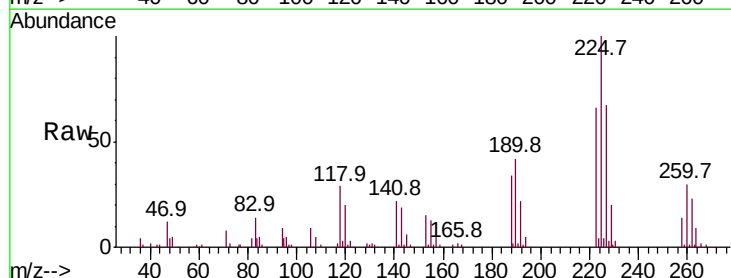
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 31.852 ng
RT: 11.26 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.8	48.2	72.4	
227	69.6	51.6	77.4	

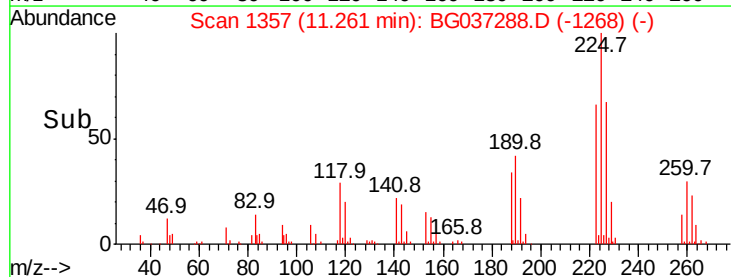
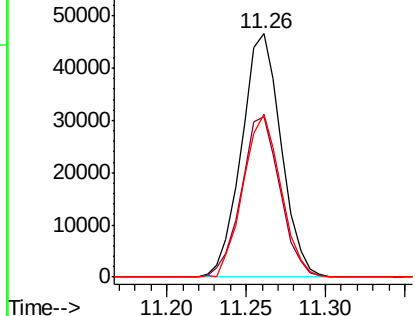


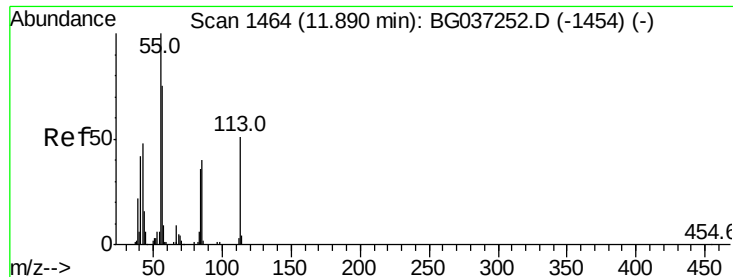
Abundance

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: 43.632 ng/ml

RT: 11.88 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Instrument :

BNA_G

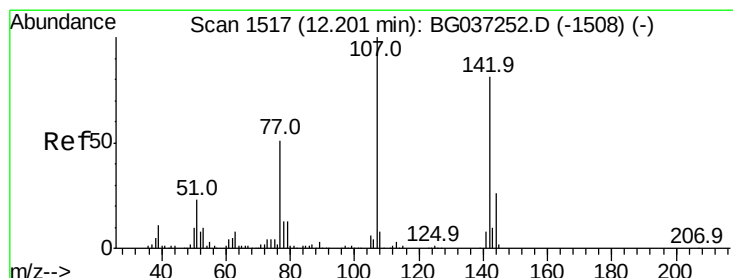
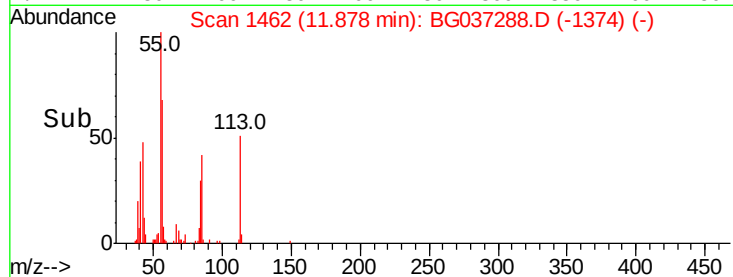
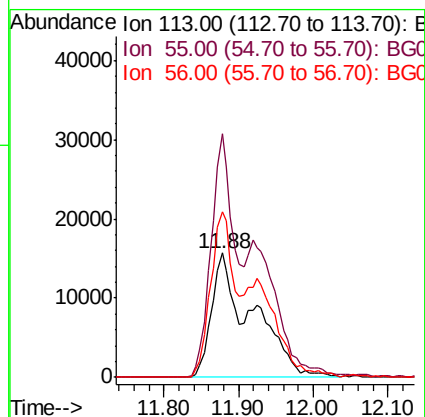
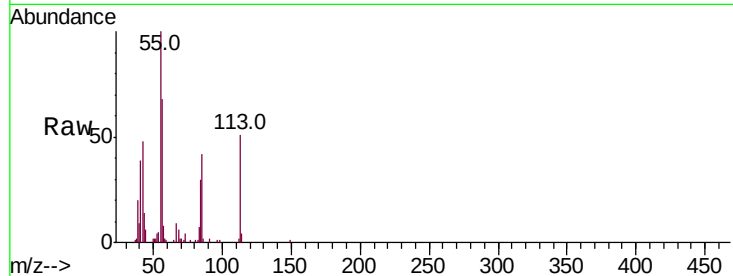
ClientSampled :

PB113678BS

Tot Ion:	113	Resp:	59583
Ion Ratio	Lower	Upper	
113	100		
55	195.7	176.6	216.6
56	133.5	128.3	168.3

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#36

4-Chloro-3-methylphenol

Concen: 43.049 ng/ml

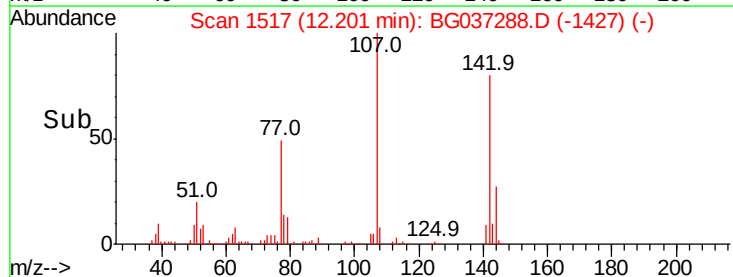
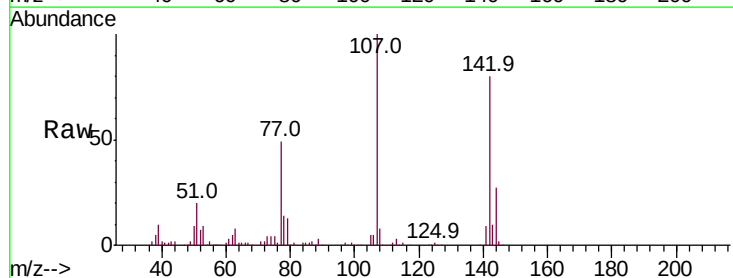
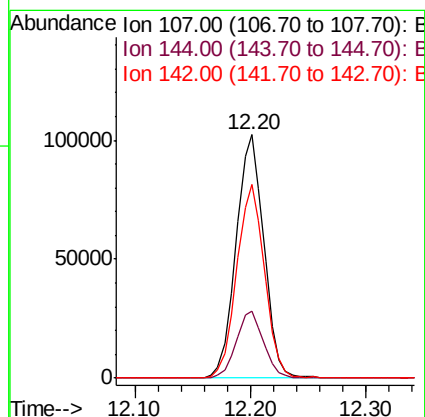
RT: 12.20 min Scan# 1517

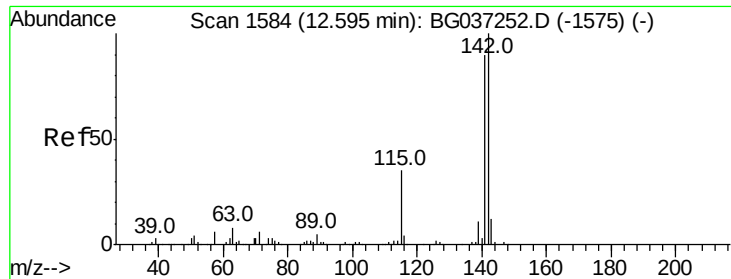
Delta R.T. -0.00 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Tgt Ion:	107	Resp:	170300
Ion Ratio	Lower	Upper	
107	100		
144	27.5	20.7	31.1
142	79.6	64.4	96.6





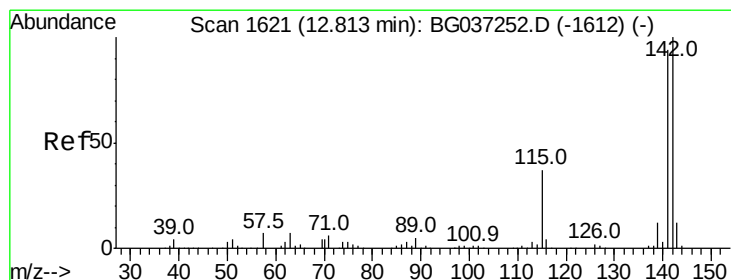
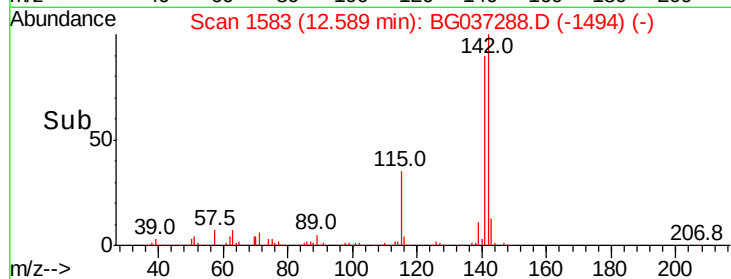
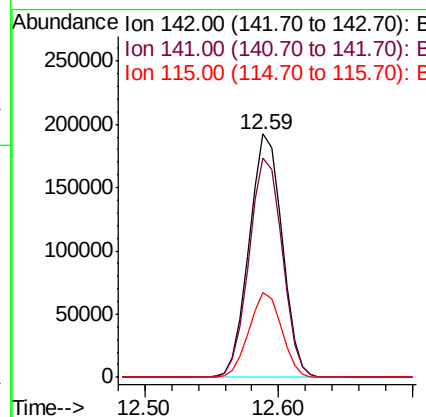
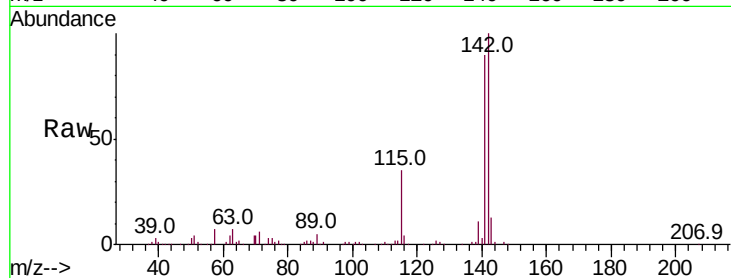
#37
2-Methylnaphthalene
Concen: 40.593 ng
RT: 12.59 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Instrument :
BNA_G
ClientSampleId :
PB113678BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.9	107.9
115	35.1	27.8	41.8

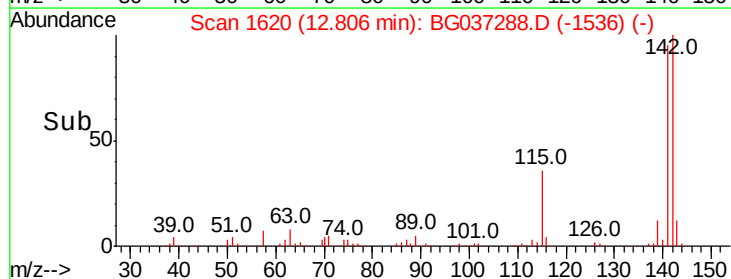
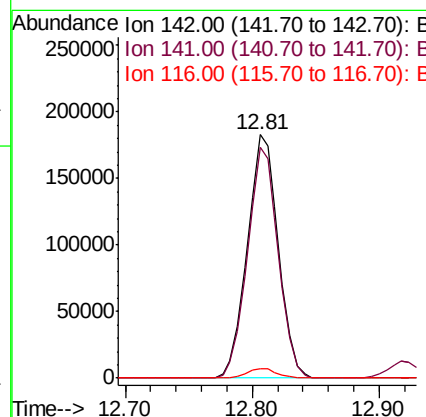
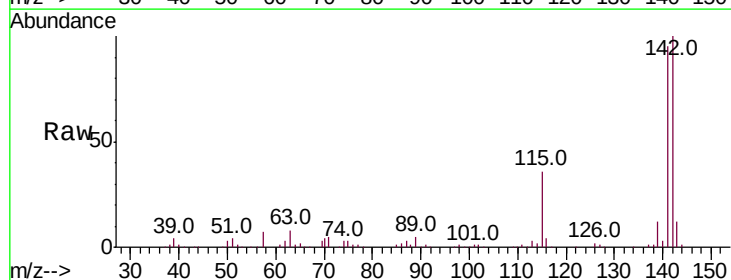
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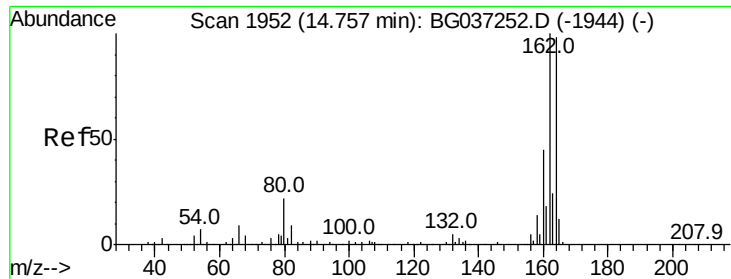
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#38
1-Methylnaphthalene
Concen: 39.352 ng
RT: 12.81 min Scan# 1620
Delta R.T. -0.01 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	75.2	112.8
116	3.9	3.3	4.9





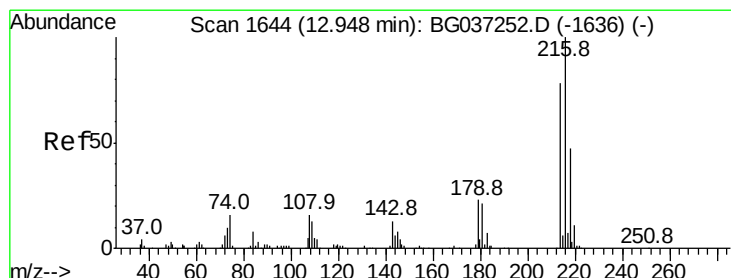
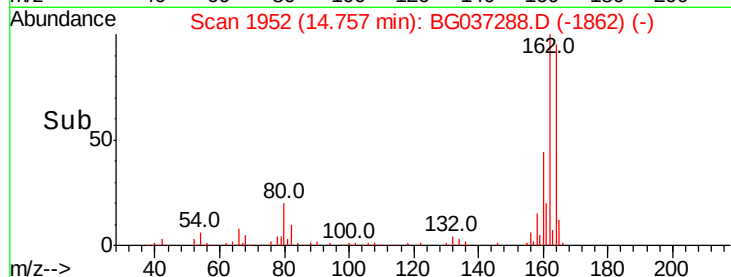
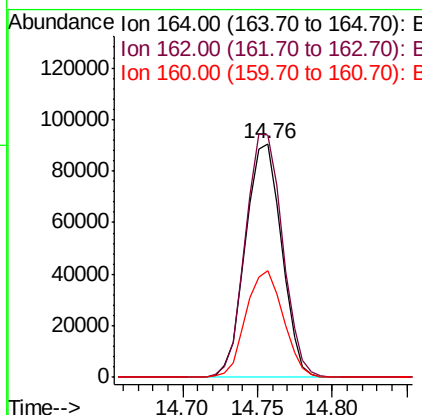
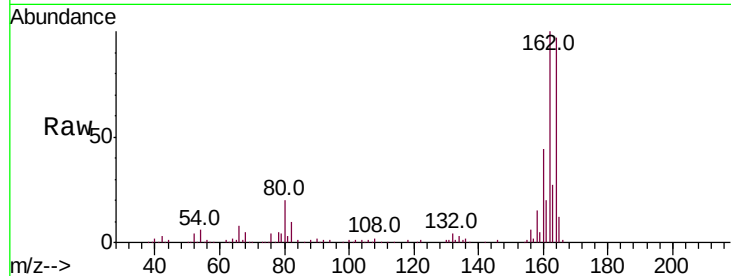
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BG037288.D
 Acq: 12 Oct 2018 12:19

Instrument :
 BNA_G
 ClientSampleId :
 PB113678BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.3	121.9
160	45.7	36.3	54.5

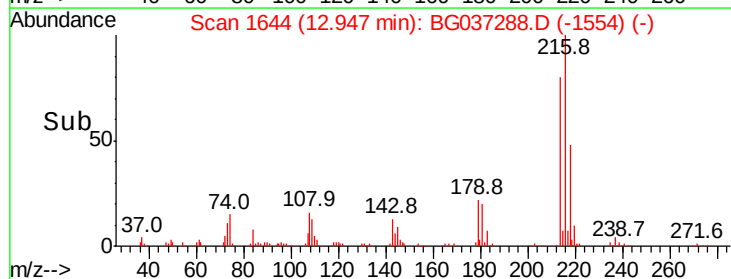
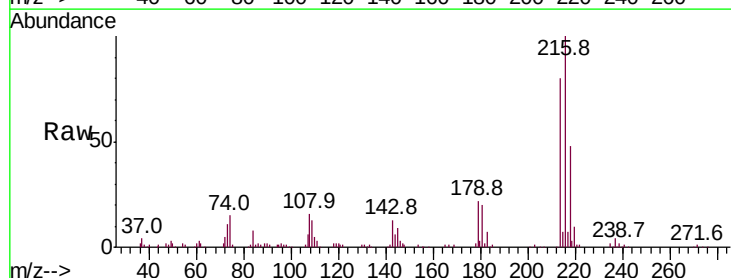
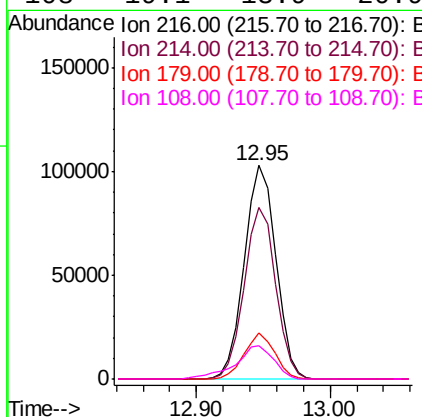
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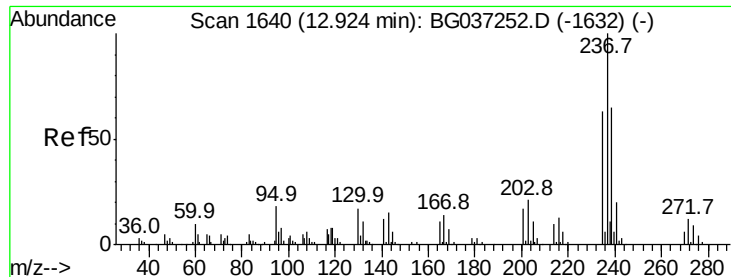
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.115 ng
 RT: 12.95 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BG037288.D
 Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.8	95.6
179	20.8	17.4	26.0
108	19.1	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 83.805 ng

RT: 12.92 min Scan# 1639

Delta R.T. -0.01 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Instrument :

BNA_G

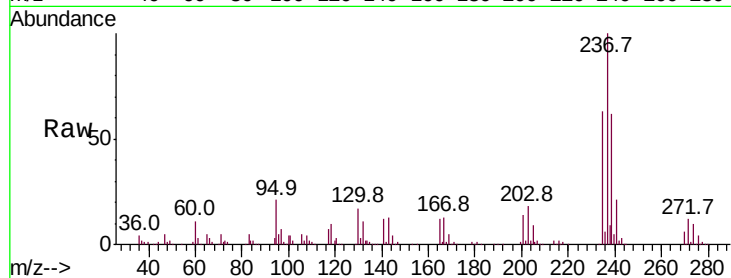
ClientSampleId :

PB113678BS

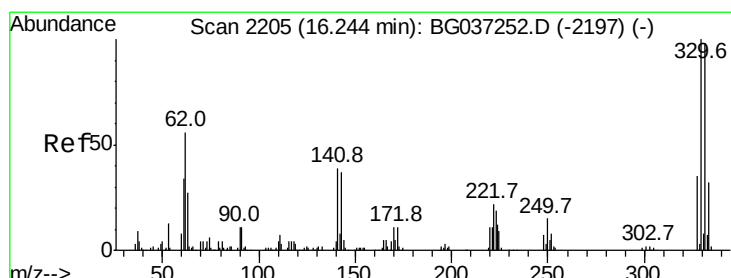
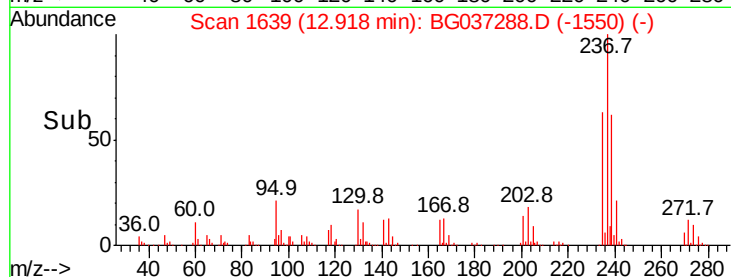
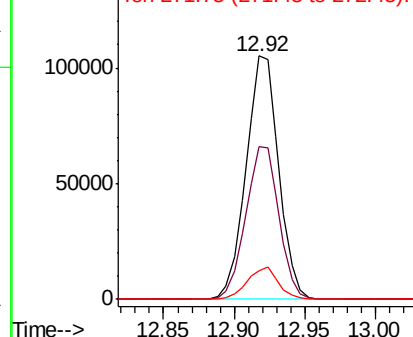
Tot Ion:	237	Resp:	169891
Ion Ratio	Lower	Upper	
237	100		
235	62.6	42.5	82.5
272	12.0	0.0	31.6

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 120.416 ng

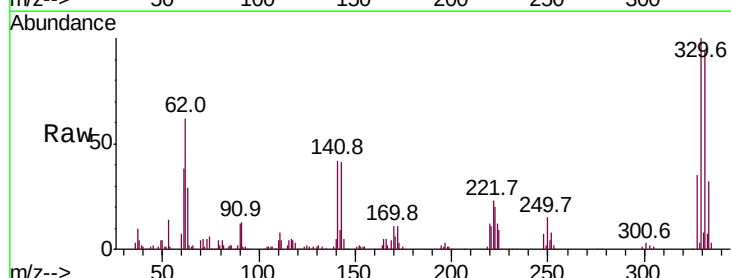
RT: 16.24 min Scan# 2204

Delta R.T. -0.01 min

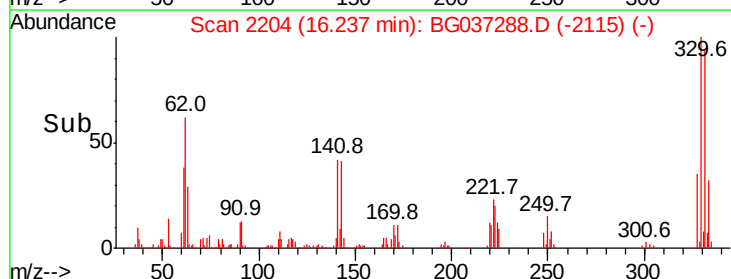
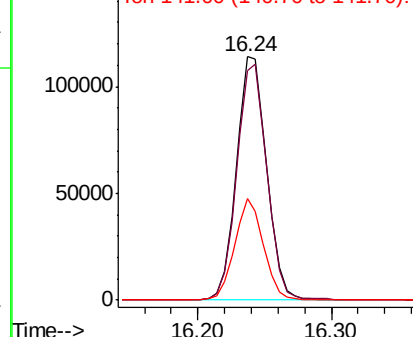
Lab File: BG037288.D

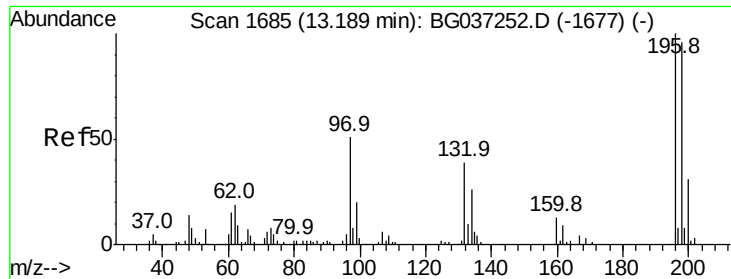
Acq: 12 Oct 2018 12:19

Tgt Ion:	330	Resp:	179322
Ion Ratio	Lower	Upper	
330	100		
332	96.2	78.4	117.6
141	39.8	32.2	48.2



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





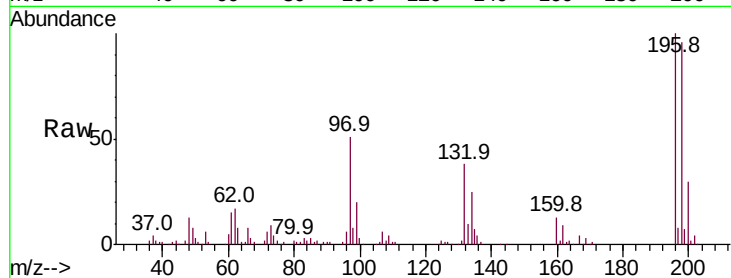
#43
 2,4,6-Trichlorophenol
 Concen: 43.916 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BG037288.D
 Acq: 12 Oct 2018 12:19

Instrument :
 BNA_G
 ClientSampled :
 PB113678BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	125276		
198	96.1	76.4	114.6	
200	30.3	24.9	37.3	

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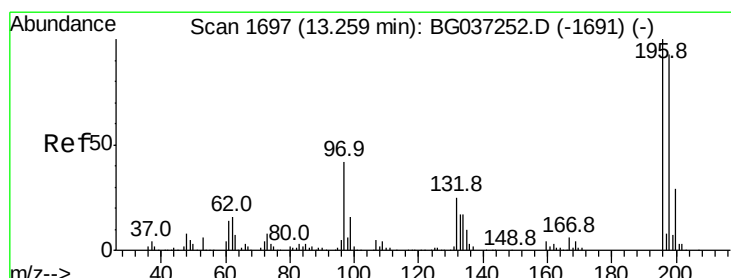
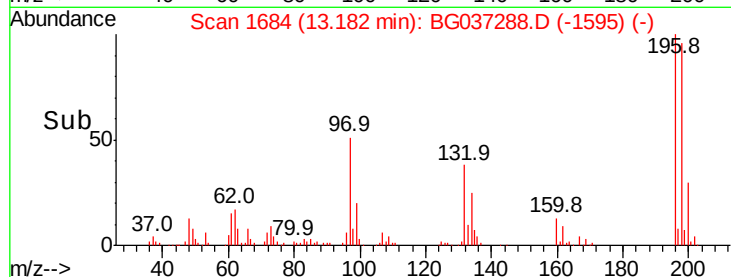
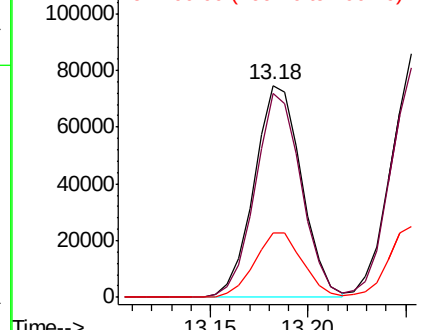


Abundance

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: 45.694 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BG037288.D
 Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	140249		
198	94.3	74.2	111.2	
97	45.0	34.1	51.1	
132	26.6	20.2	30.4	

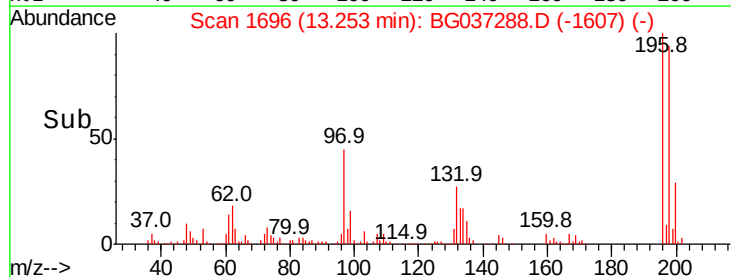
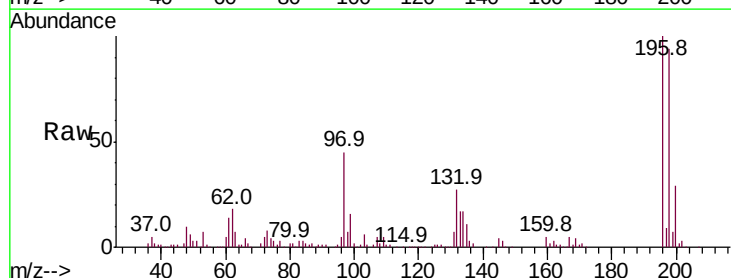
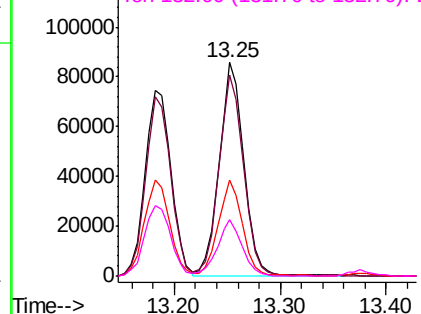
Abundance

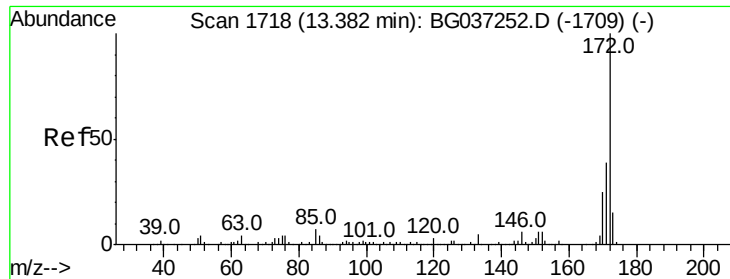
Ion 196.00 (195.70 to 196.70): E

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





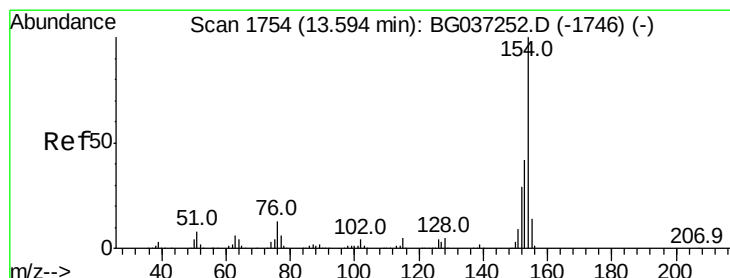
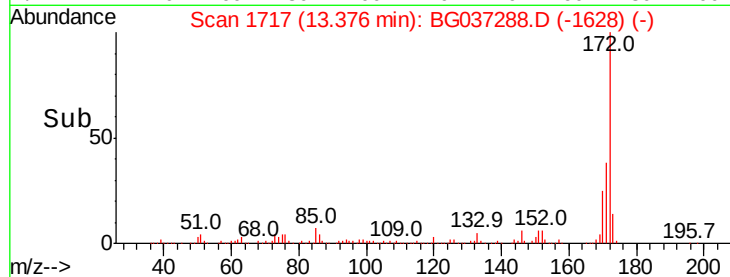
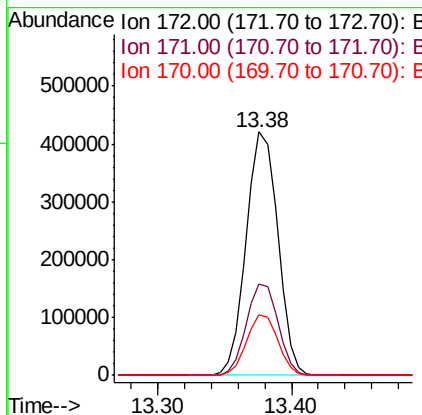
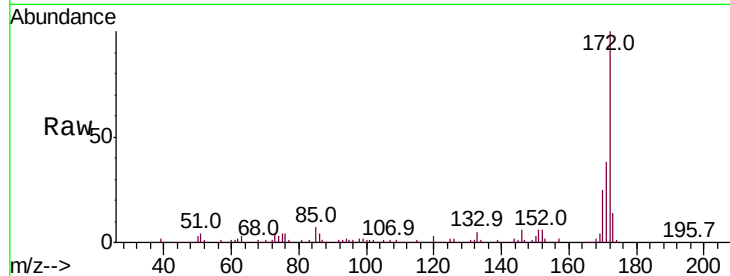
#45
2-Fluorobiphenyl
Concen: 68.049 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Instrument :
BNA_G
ClientSampleId :
PB113678BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	688058		
171	37.7		31.0	46.4
170	24.9		20.2	30.2

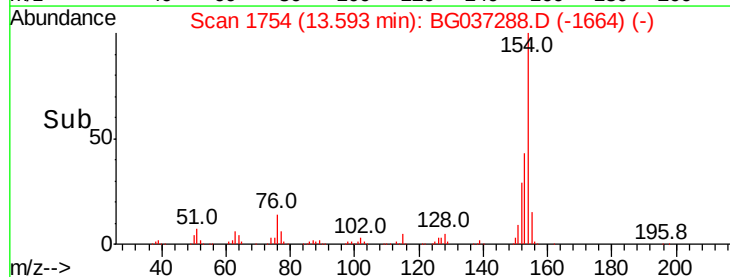
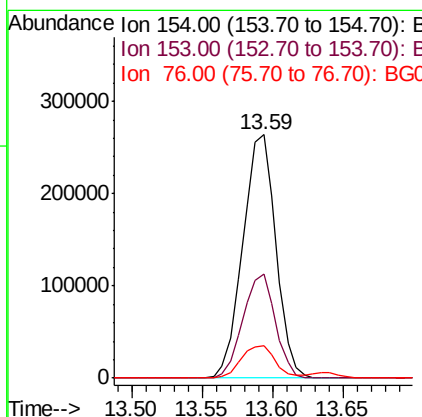
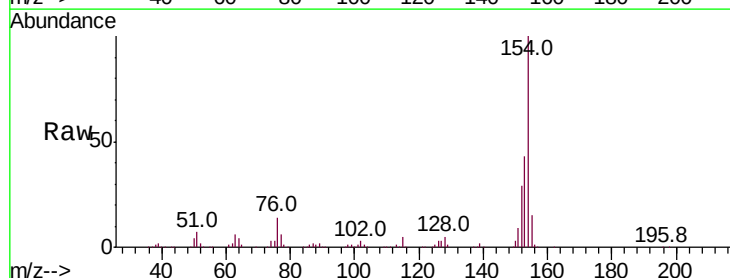
Manual Integrations
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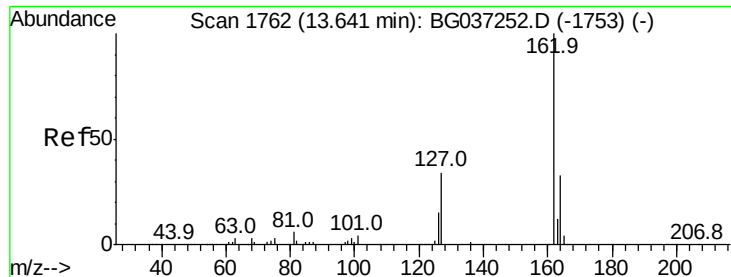
Sohil
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#46
1,1'-Biphenyl
Concen: 34.704 ng
RT: 13.59 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	433489		
153	42.6		22.1	62.1
76	13.6		0.0	33.2





#47

2-Chloronaphthalene

Concen: 35.865 ng

RT: 13.64 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Instrument :

BNA_G

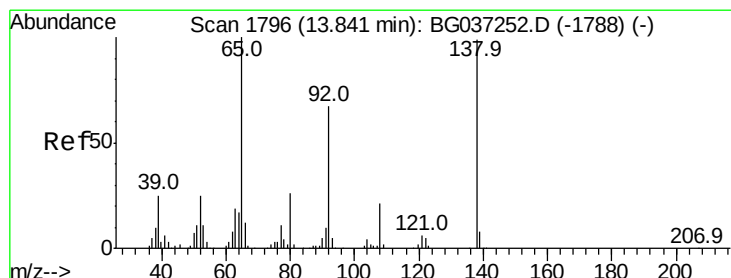
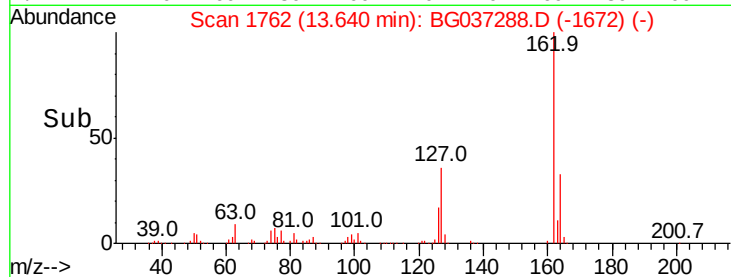
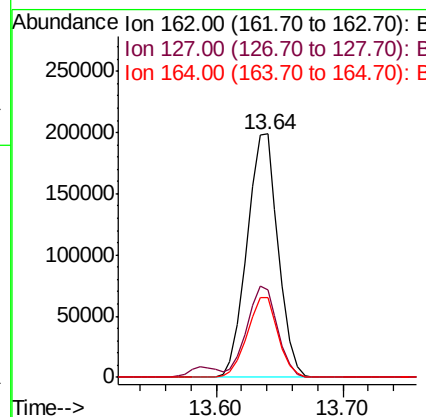
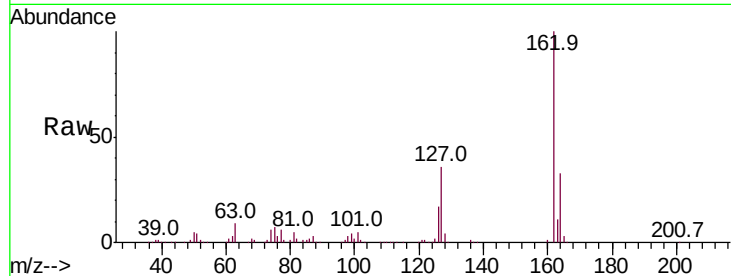
ClientSampleId :

PB113678BS

Tot Ion:	162	Resp:	338395
Ion Ratio	Lower	Upper	
162	100		
127	35.9	30.5	45.7
164	32.8	26.4	39.6

Manual Integrations
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#48

2-Nitroaniline

Concen: 40.258 ng

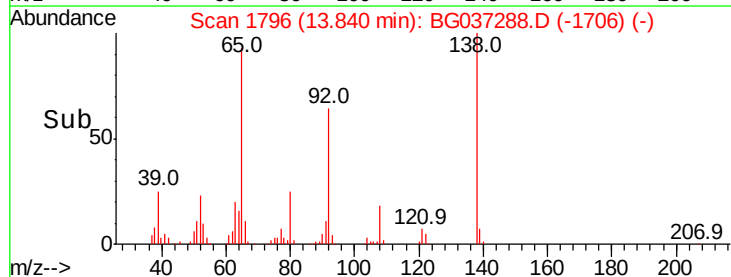
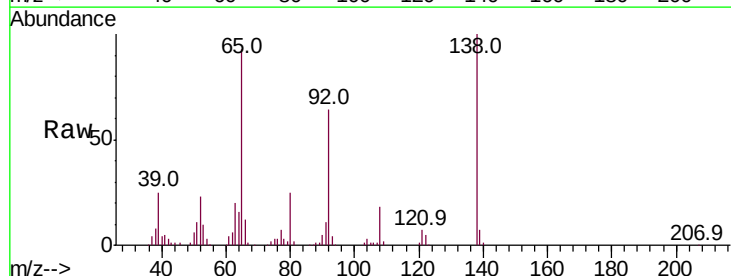
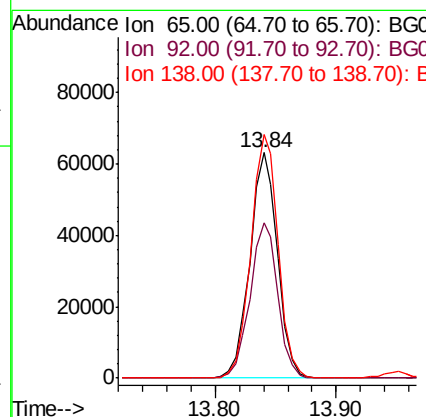
RT: 13.84 min Scan# 1796

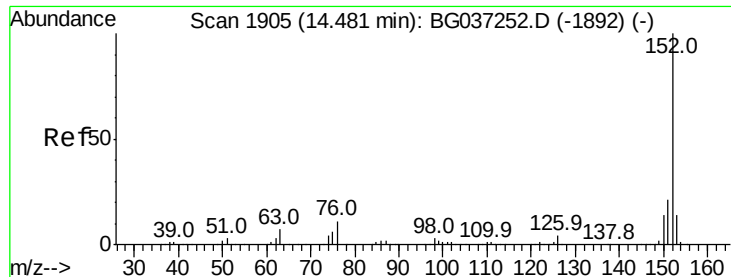
Delta R.T. 0.00 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Tgt Ion:	65	Resp:	100218
Ion Ratio	Lower	Upper	
65	100		
92	68.7	53.2	79.8
138	108.0	79.3	118.9





#49

Acenaphthylene

Concen: 39.775 ng

RT: 14.48 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Instrument :

BNA_G

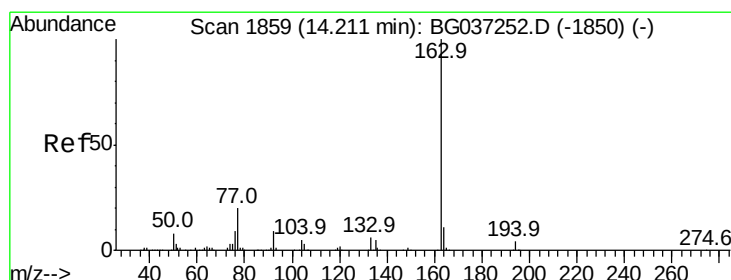
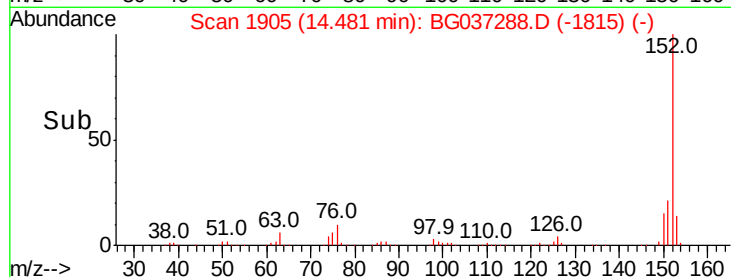
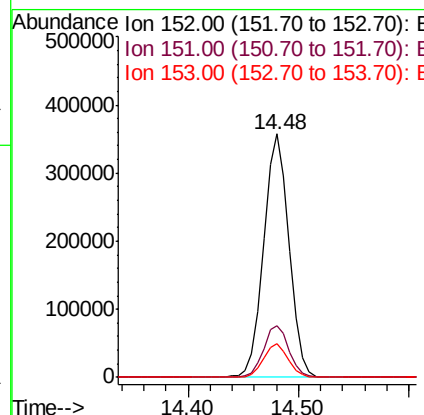
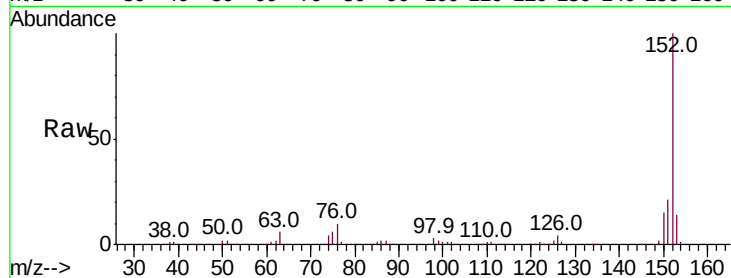
ClientSampleId :

PB113678BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	574086		
151	21.2		17.1	25.7
153	13.7		11.1	16.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 39.728 ng

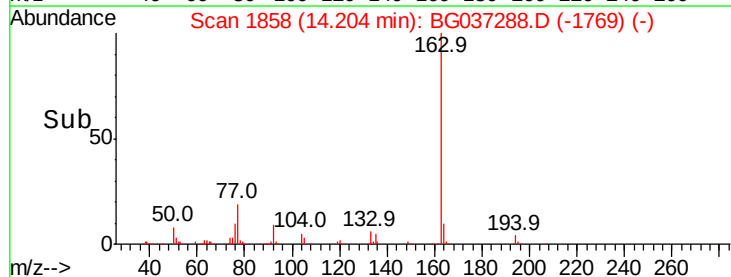
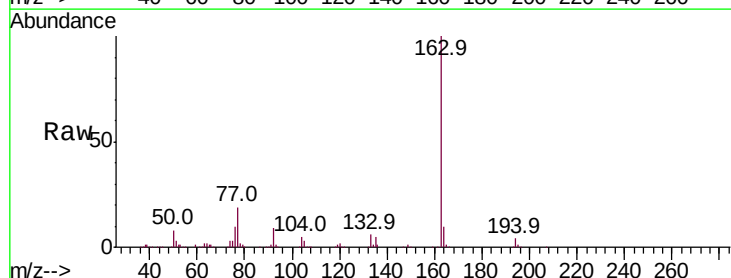
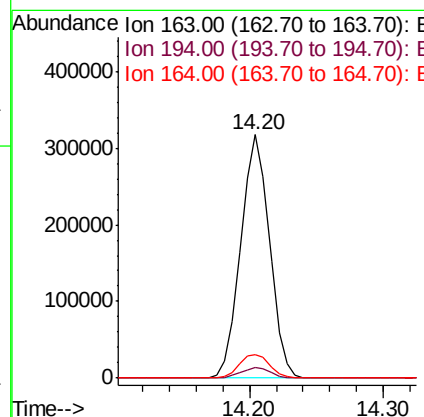
RT: 14.20 min Scan# 1858

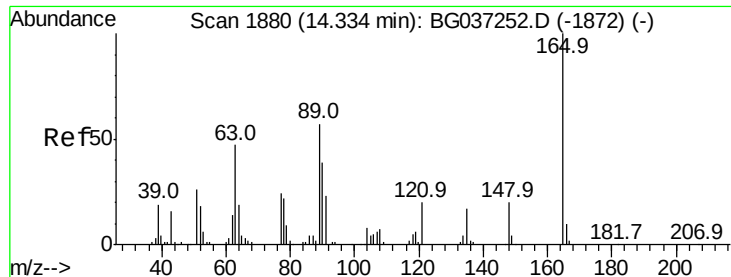
Delta R.T. -0.01 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	474077		
194	4.4		3.5	5.3
164	9.8		8.5	12.7





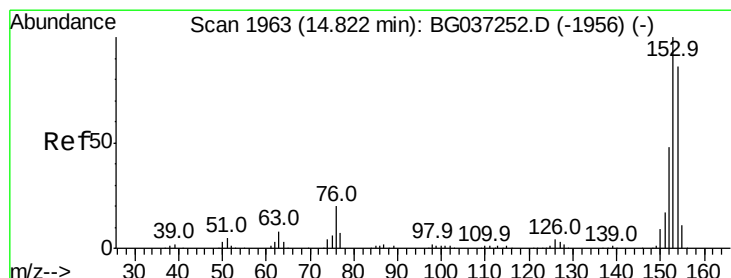
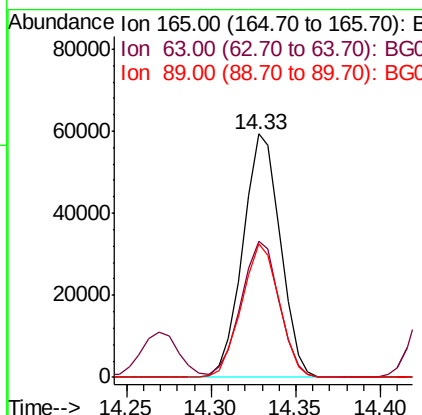
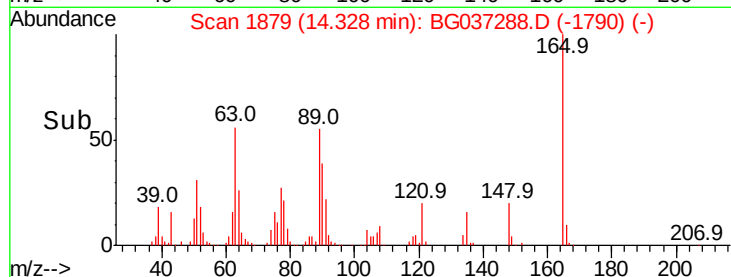
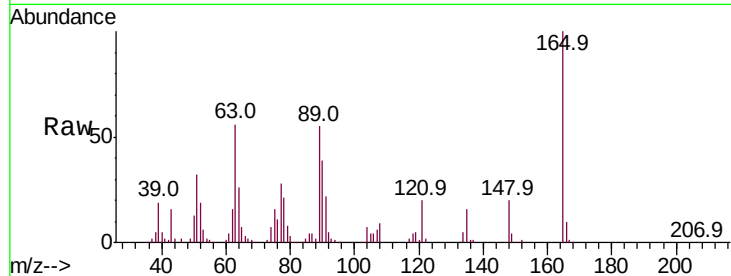
#51
 2,6-Dinitrotoluene
 Concen: 40.390 ng
 RT: 14.33 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BG037288.D
 Acq: 12 Oct 2018 12:19

Instrument :
 BNA_G
 ClientSampleId :
 PB113678BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.9	43.4	65.2
89	54.9	45.8	68.6

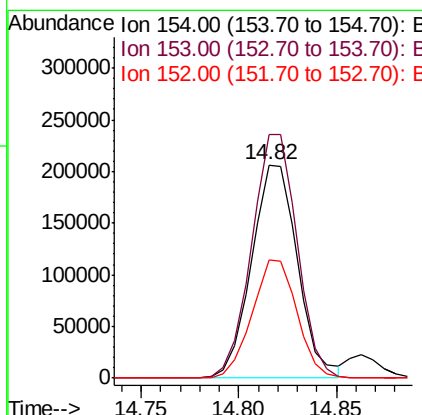
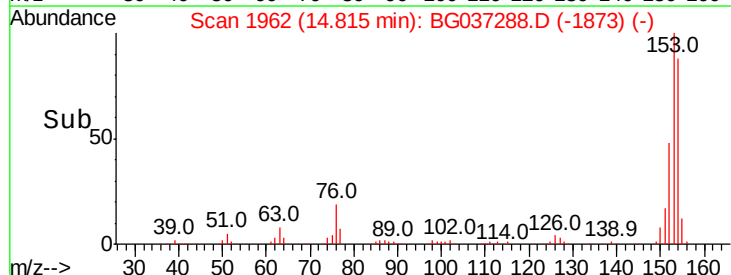
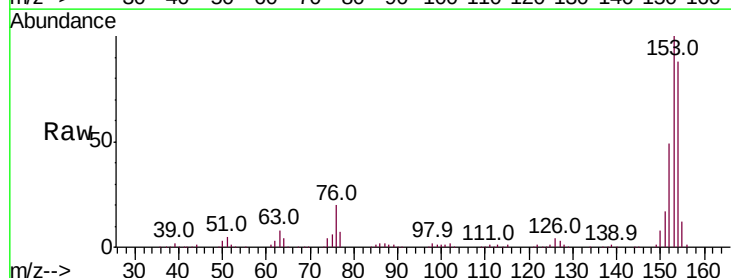
Manual Integrations
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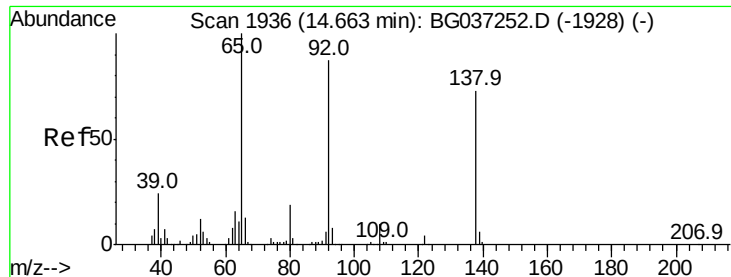
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#52
 Acenaphthene
 Concen: 37.935 ng
 RT: 14.82 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BG037288.D
 Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.1	93.4	140.0
152	55.3	44.7	67.1





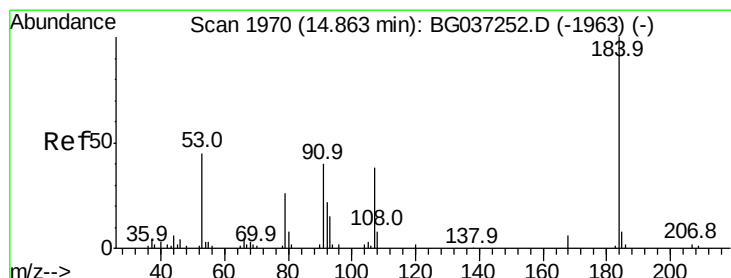
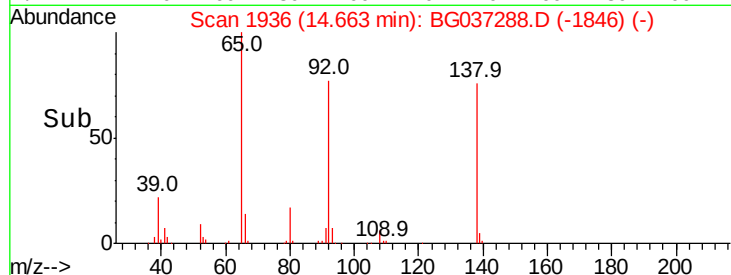
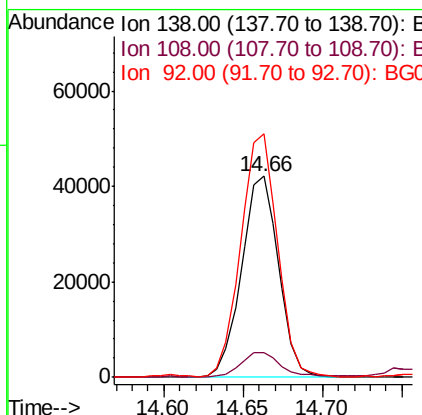
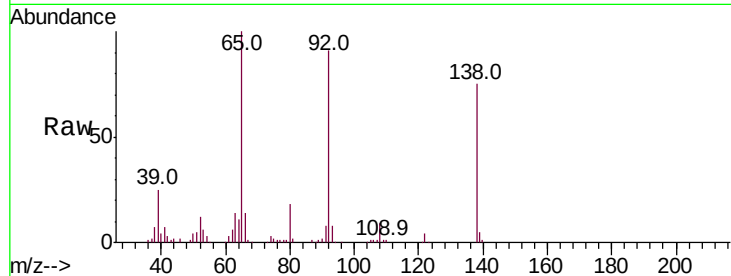
#53
3-Nitroaniline
Concen: 27.323 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Instrument :
BNA_G
ClientSampleId :
PB113678BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.4	11.0	16.6
92	120.9	95.2	142.8

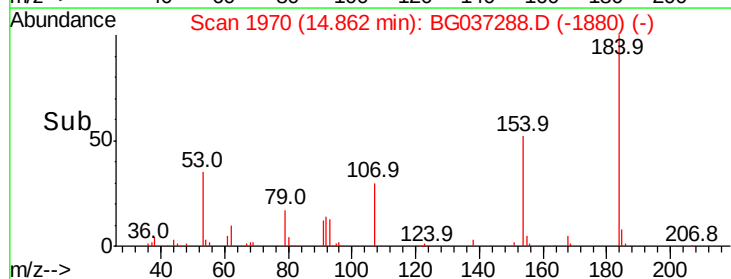
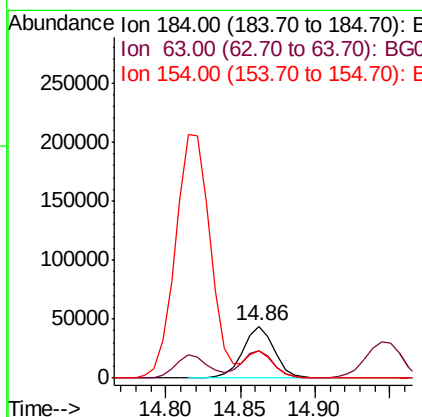
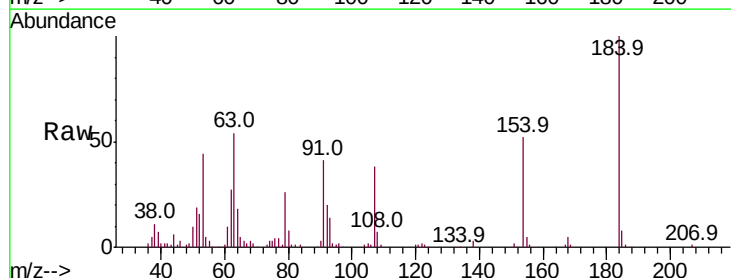
Manual Integrations
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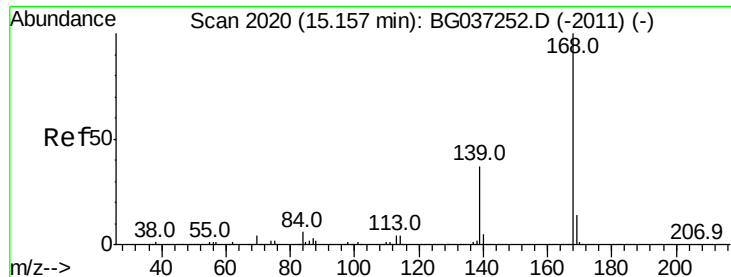
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#54
2,4-Dinitrophenol
Concen: 106.408 ng
RT: 14.86 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.0	42.6	63.8
154	51.8	41.8	62.6





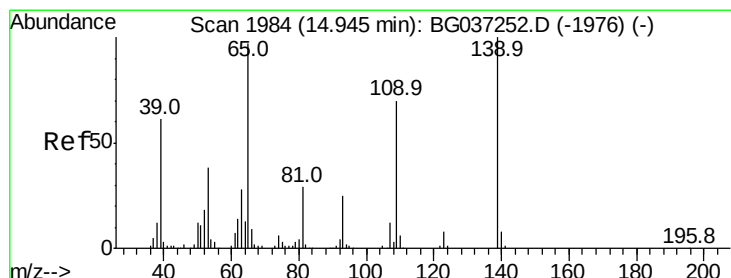
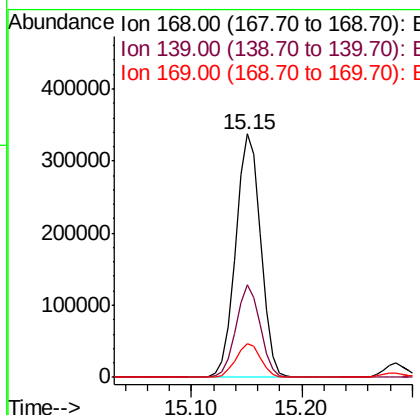
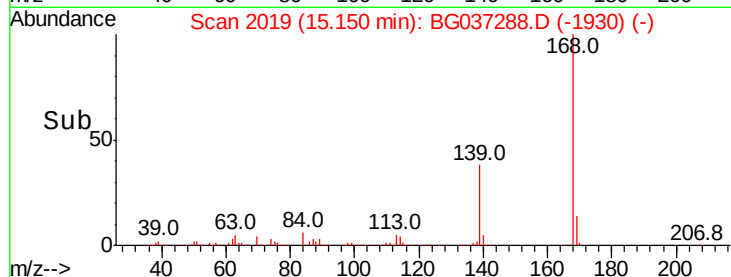
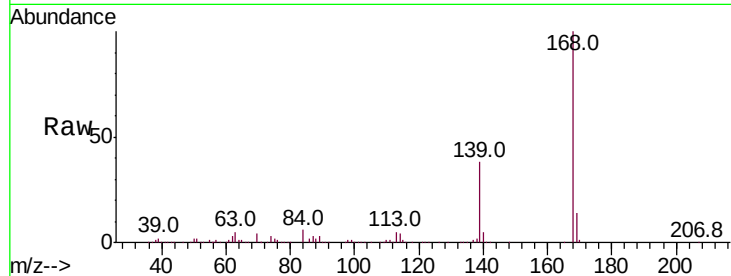
#55
Dibenzenofuran
Concen: 37.104 ng
RT: 15.15 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Instrument :
BNA_G
ClientSampleId :
PB113678BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	29.4	44.0
169	13.8	11.0	16.6

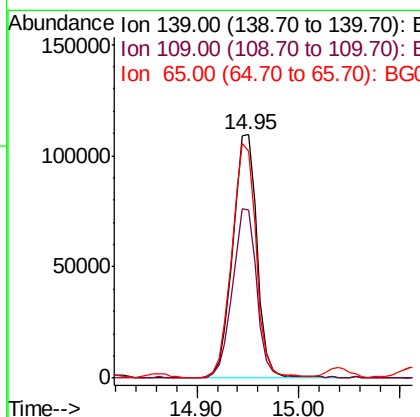
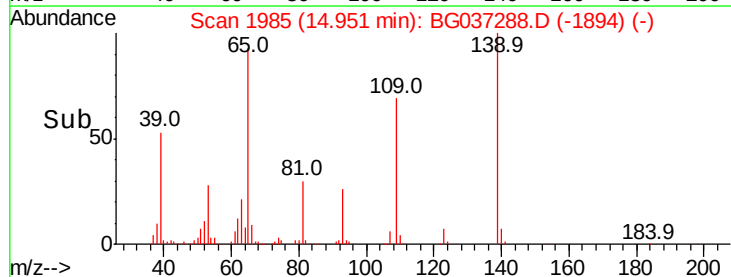
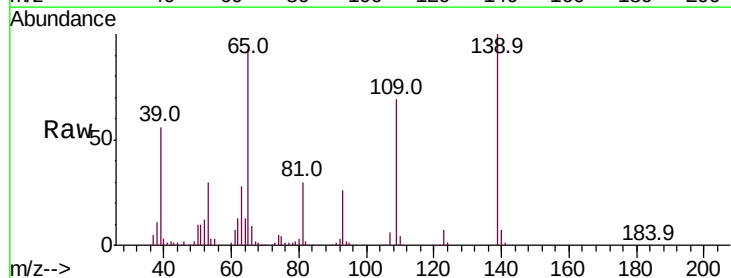
Manual Integrations
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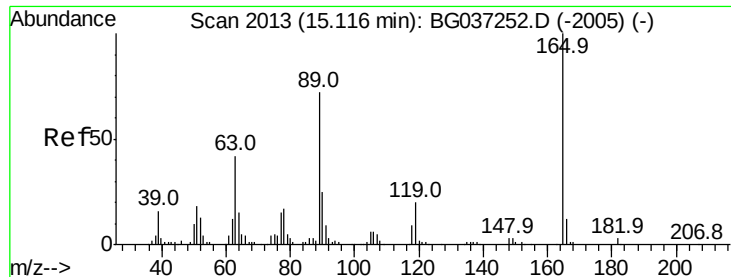
Sohil
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#56
4-Nitrophenol
Concen: 93.625 ng
RT: 14.95 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.2	49.5	89.5
65	93.2	76.8	116.8





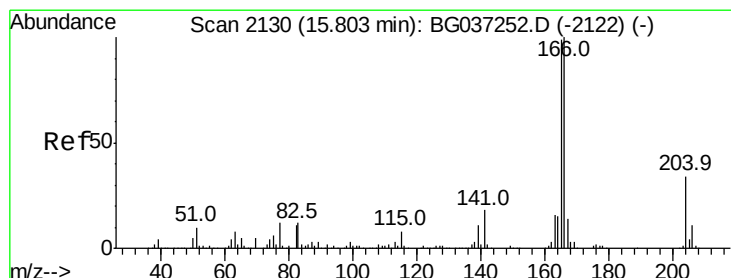
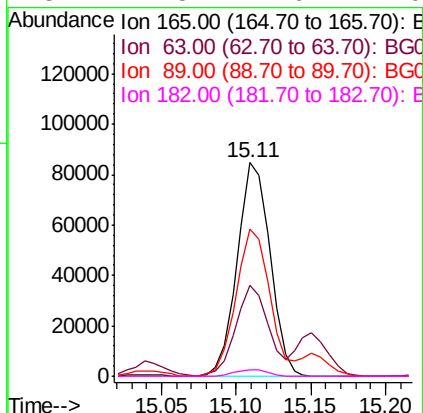
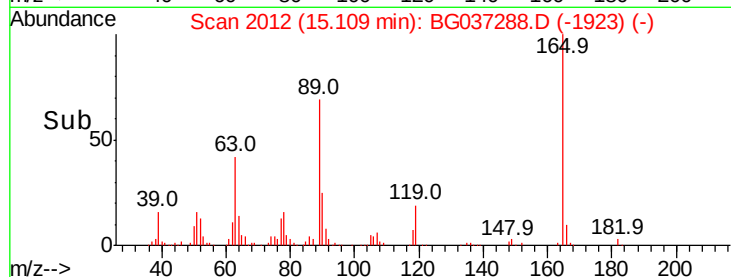
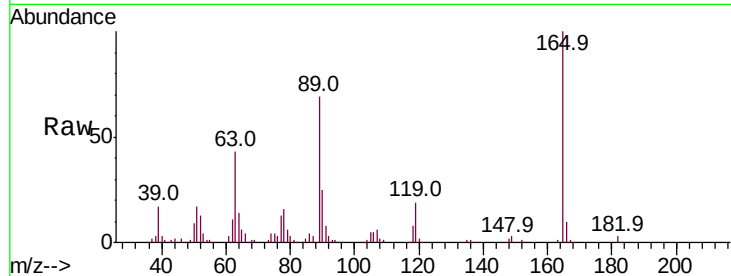
#57
2,4-Dinitrotoluene
Concen: 44.685 ng
RT: 15.11 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Instrument :
BNA_G
ClientSampleId :
PB113678BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	129878		
63	42.6	33.4	50.0	
89	69.1	57.2	85.8	
182	2.8	2.6	4.0	

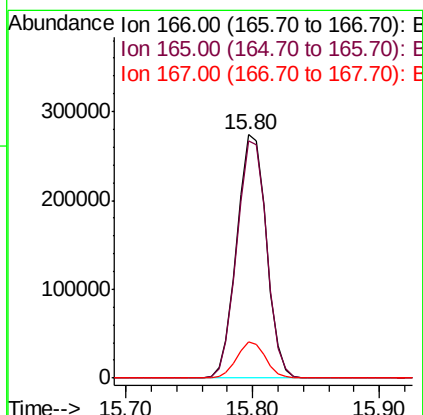
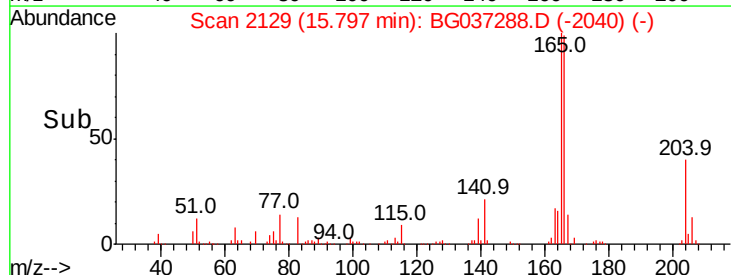
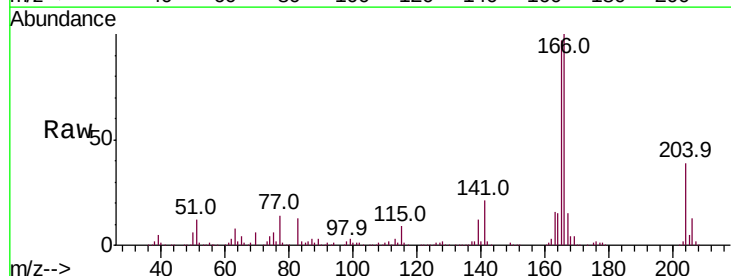
Manual Integrations
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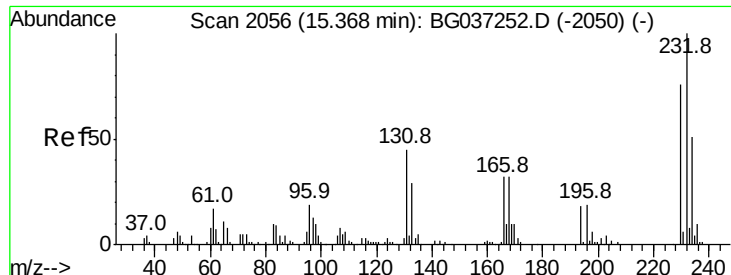
Sohil
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#58
Fluorene
Concen: 40.450 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	442555		
165	97.3	79.0	118.6	
167	14.7	11.3	16.9	





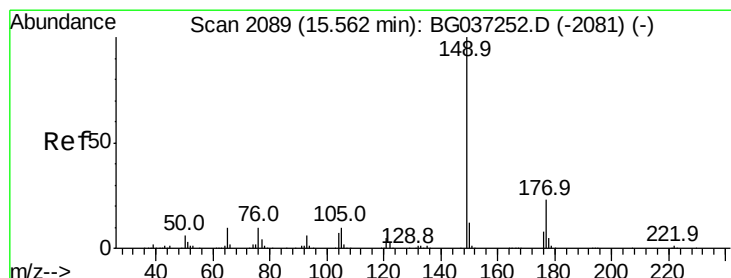
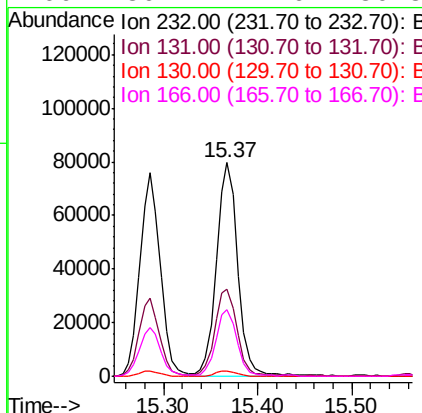
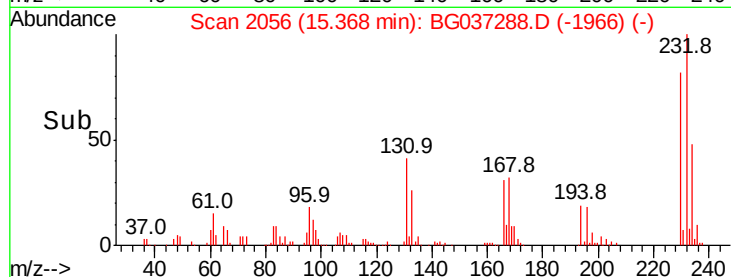
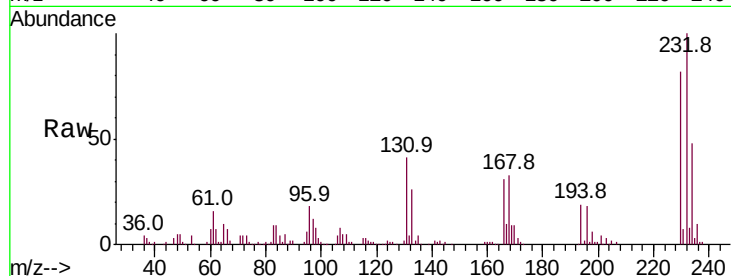
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.541 ng
 RT: 15.37 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BG037288.D
 Acq: 12 Oct 2018 12:19

Instrument :
 BNA_G
 ClientSampleId :
 PB113678BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	126470		
131	42.1		33.7	50.5
130	2.4		2.1	3.1
166	30.1		24.6	36.8

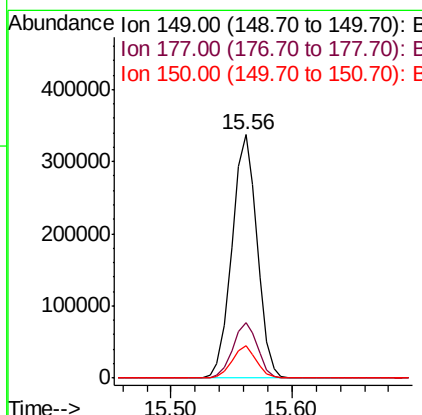
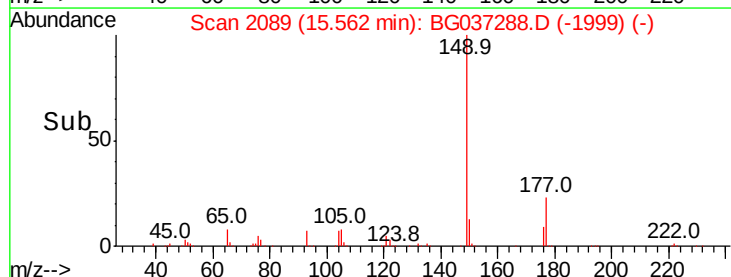
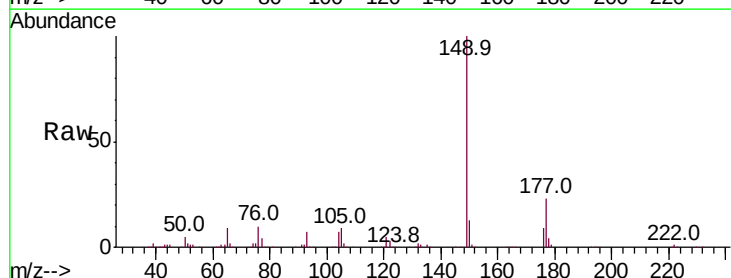
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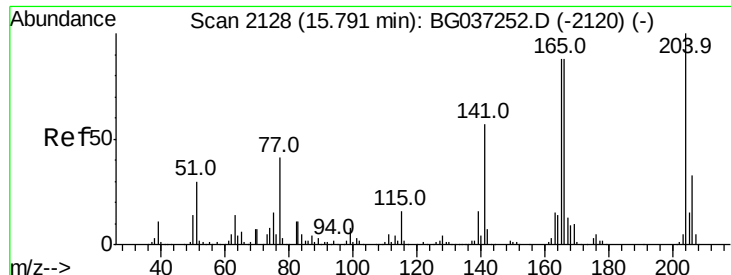
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#60
 Diethylphthalate
 Concen: 39.495 ng
 RT: 15.56 min Scan# 2089
 Delta R.T. -0.00 min
 Lab File: BG037288.D
 Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	488430		
177	22.9		18.3	27.5
150	13.2		10.0	15.0





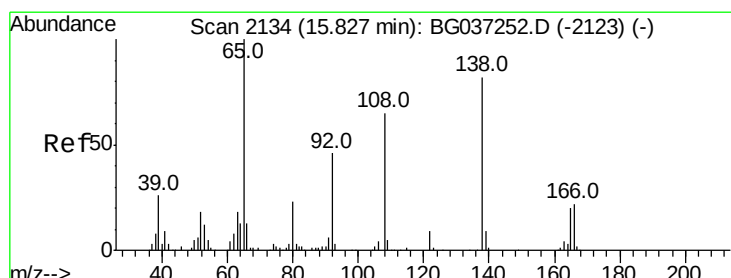
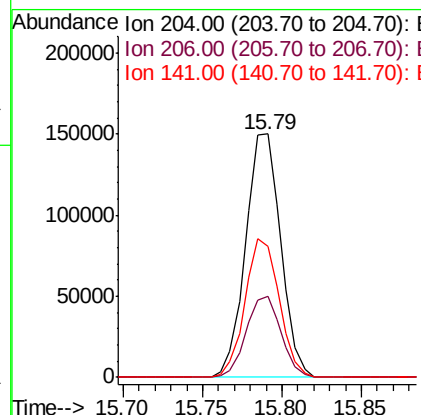
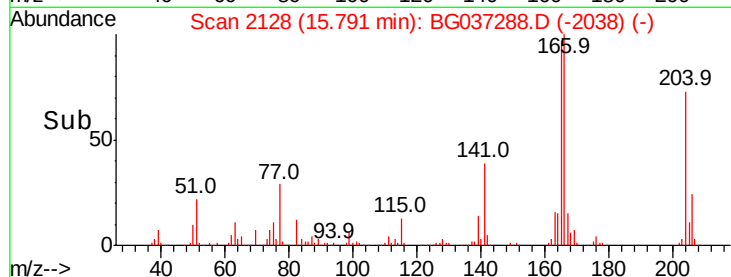
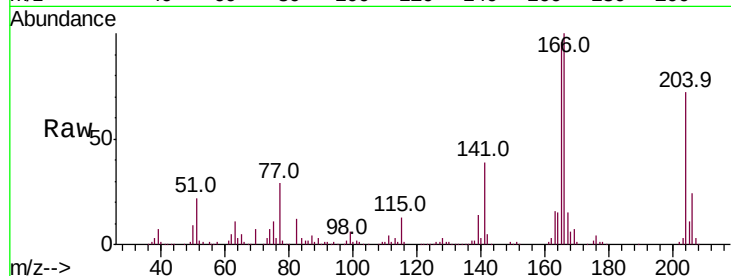
#61
 4-Chlorophenyl-phenylether
 Concen: 36.062 ng
 RT: 15.79 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BG037288.D
 Acq: 12 Oct 2018 12:19

Instrument :
 BNA_G
 ClientSampleId :
 PB113678BS

Tot Ion:	204	Resp:	230623
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.6	39.8
141	53.9	45.4	68.2

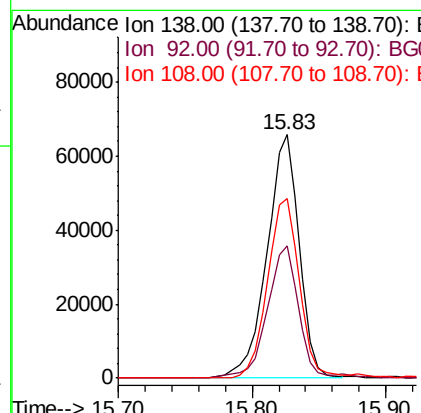
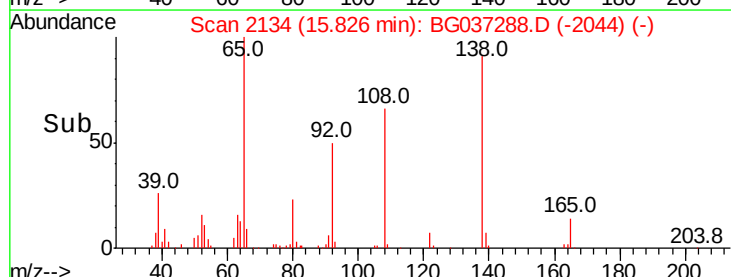
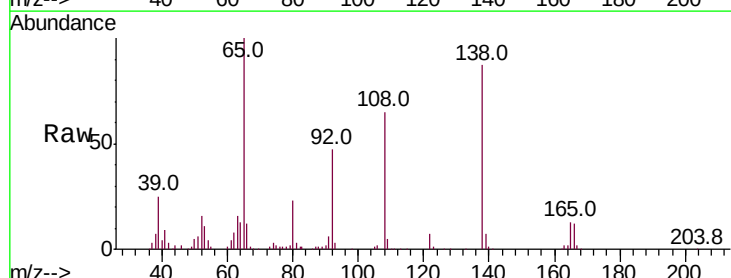
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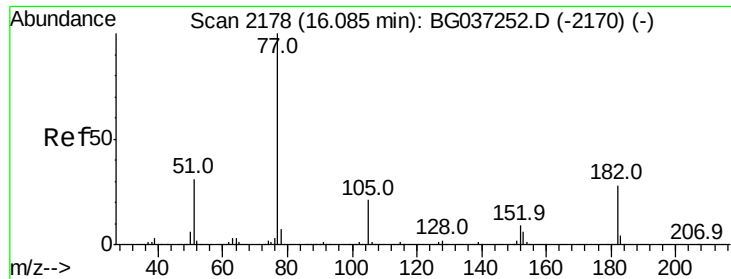
Sohil
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#62
 4-Nitroaniline
 Concen: 42.129 ng
 RT: 15.83 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BG037288.D
 Acq: 12 Oct 2018 12:19

Tgt Ion:	138	Resp:	110401
Ion Ratio	Lower	Upper	
138	100		
92	54.3	36.4	76.4
108	73.8	60.1	100.1





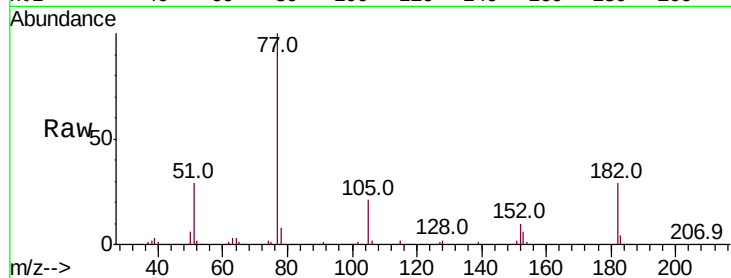
#63
Azobenzene
Concen: 38.058 ng
RT: 16.08 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Instrument :
BNA_G
ClientSampleId :
PB113678BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.1	8.0	48.0
105	21.1	1.3	41.3
51	29.3	10.7	50.7

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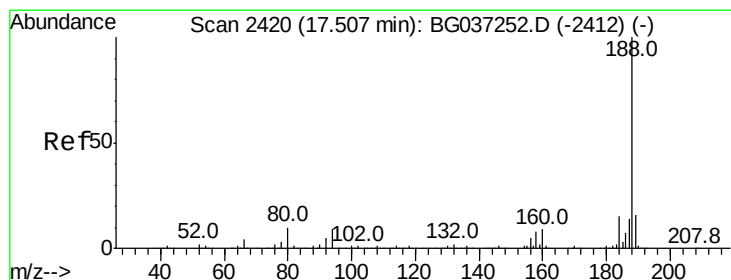
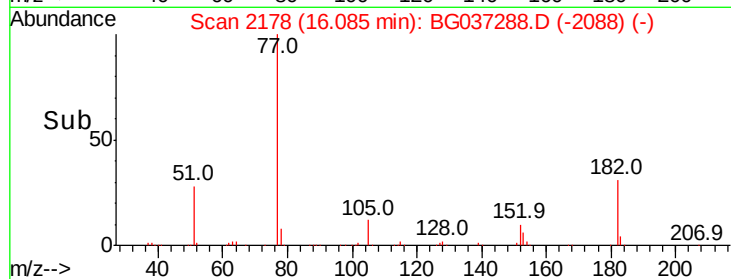
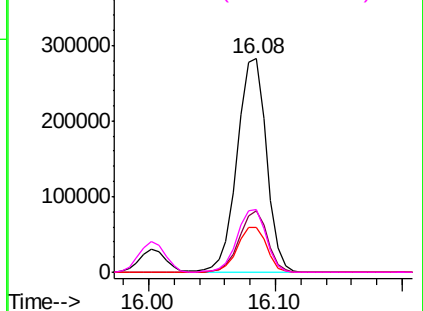
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

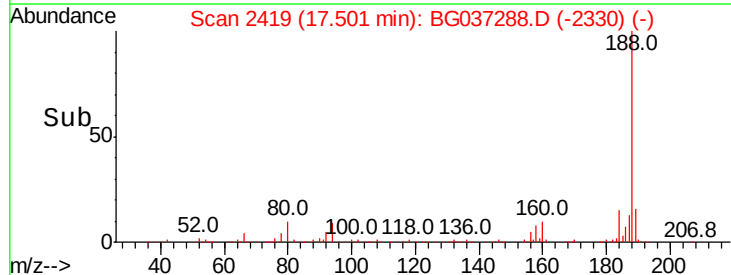
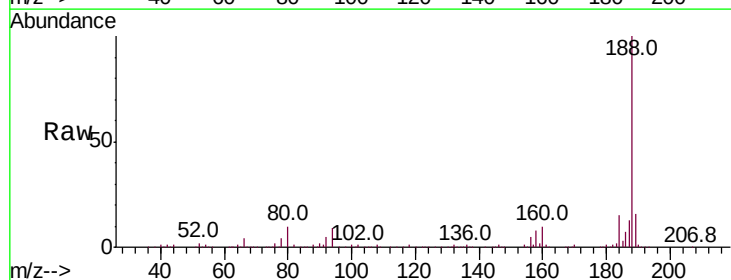
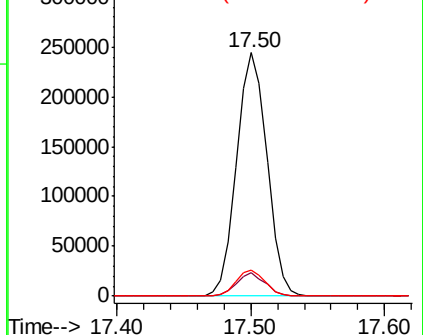
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.5	7.7	11.5

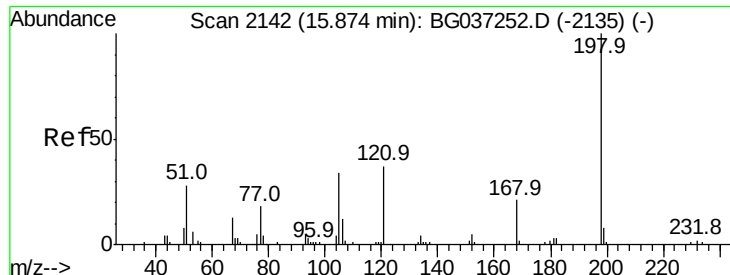
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 39.063 ng

RT: 15.87 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Instrument :

BNA_G

ClientSampleId :

PB113678BS

Tot Ion:198 Resp: 45568

Ion Ratio Lower Upper

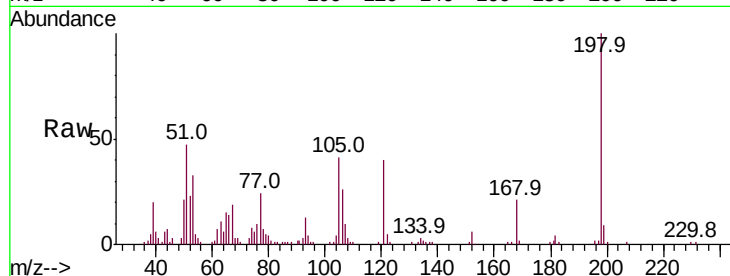
198 100

51 46.7 22.7 62.7

105 40.8 19.7 59.7

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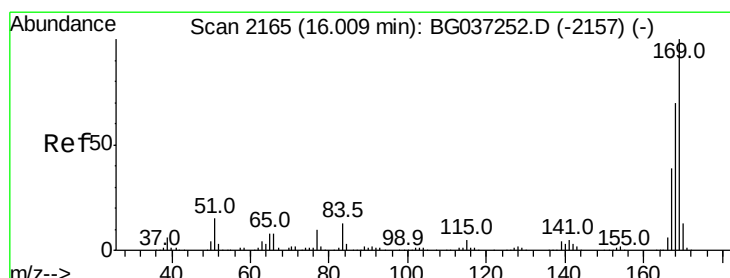
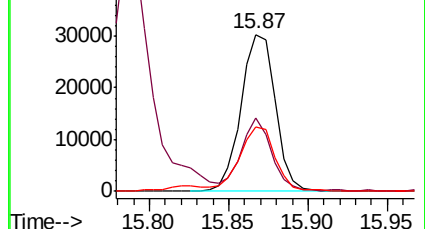
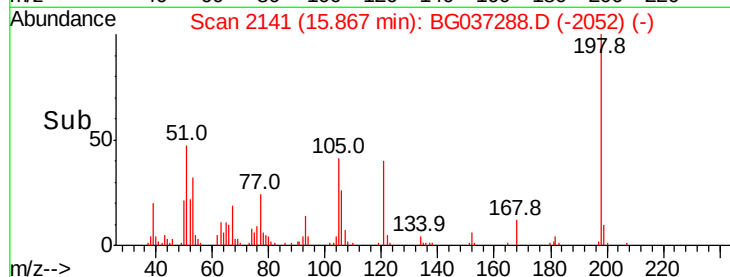
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.690 ng

RT: 16.00 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

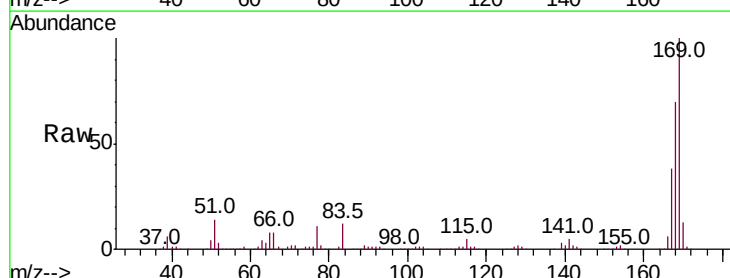
Tgt Ion:169 Resp: 414980

Ion Ratio Lower Upper

169 100

168 69.9 55.7 83.5

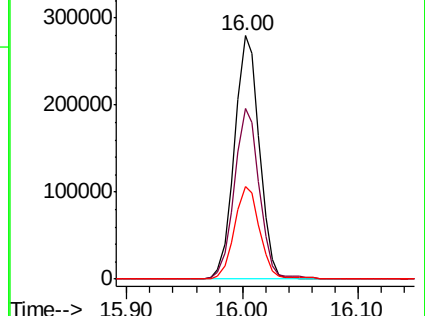
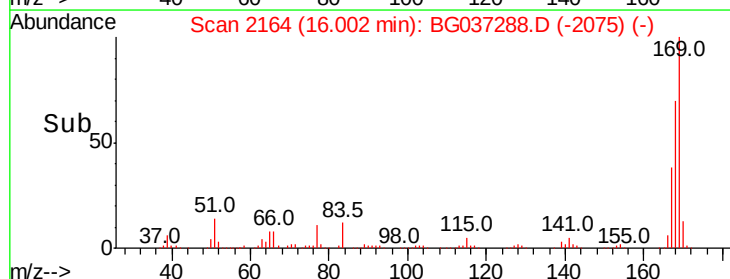
167 37.9 31.3 46.9

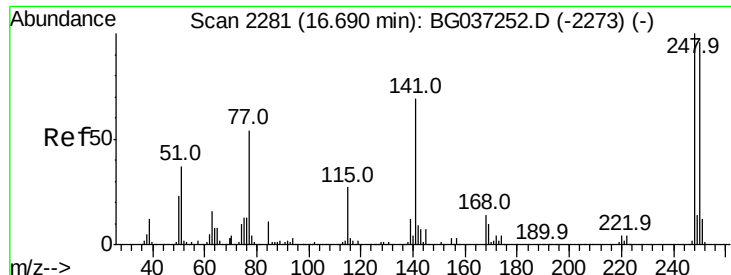


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





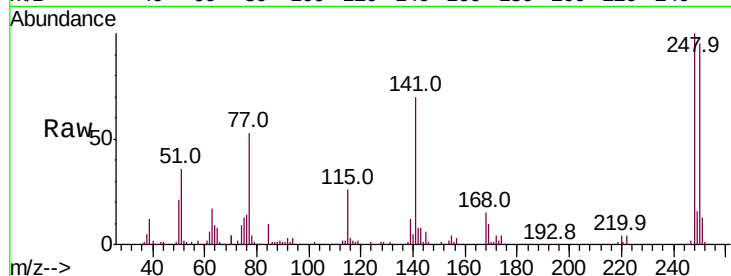
#67
 4-Bromophenyl-phenylether
 Concen: 35.445 ng
 RT: 16.68 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG037288.D
 Acq: 12 Oct 2018 12:19

Instrument :
 BNA_G
 ClientSampleId :
 PB113678BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.3	77.0	115.6
141	69.7	55.5	83.3

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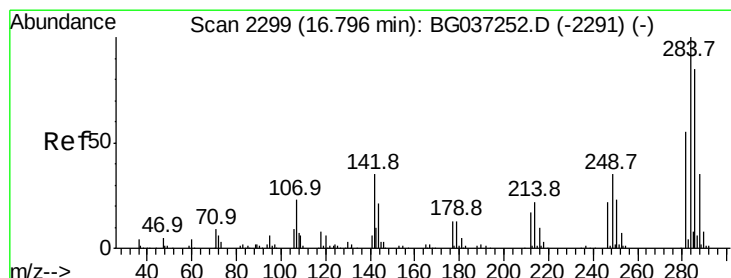
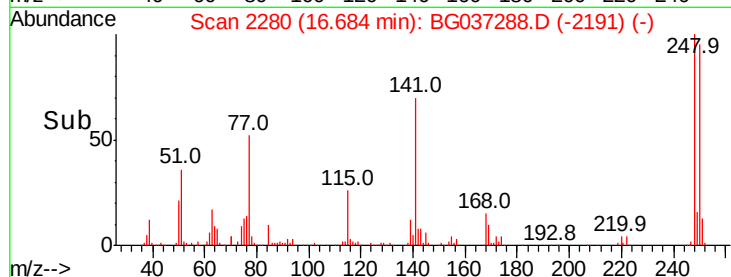
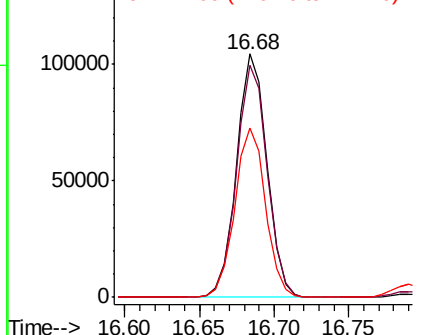


Abundance

Ion 248.00 (247.70 to 248.70): E

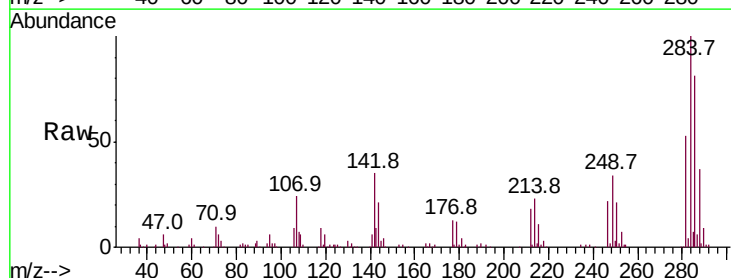
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 34.861 ng
 RT: 16.79 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG037288.D
 Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.5	28.1	42.1
249	37.0	29.8	44.8

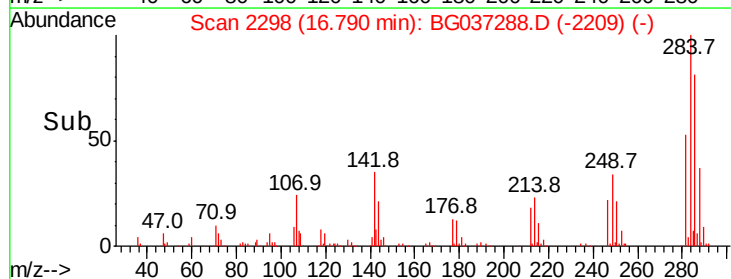
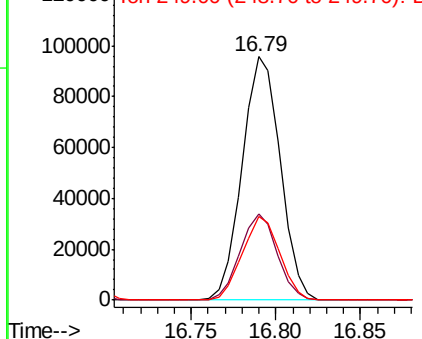


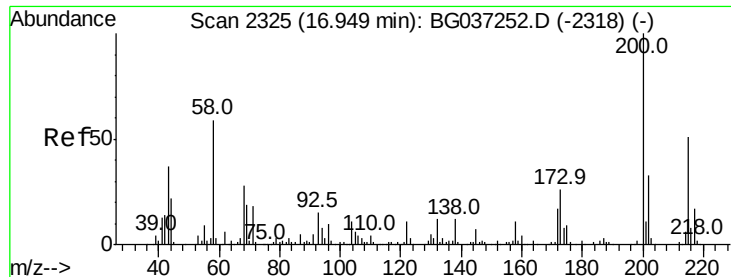
Abundance

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





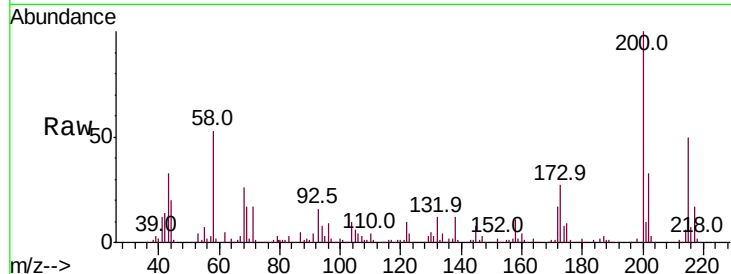
#69
Atrazine
Concen: 39.147 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Instrument :
BNA_G
ClientSampleId :
PB113678BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.9	6.1	46.1
215	50.1	30.8	70.8

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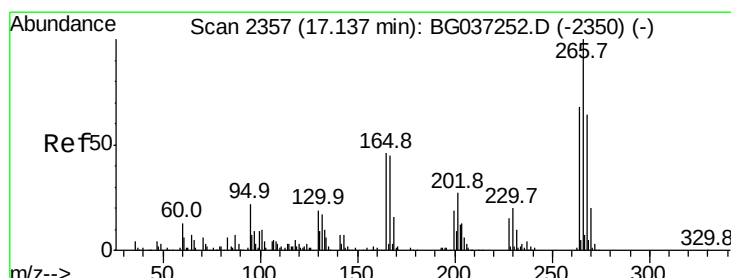
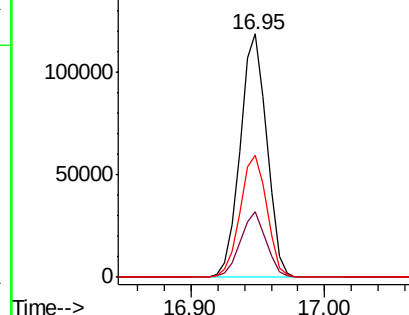
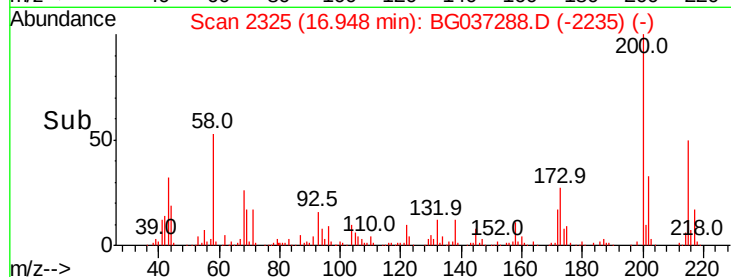


Abundance

Ion 200.00 (199.70 to 200.70): E

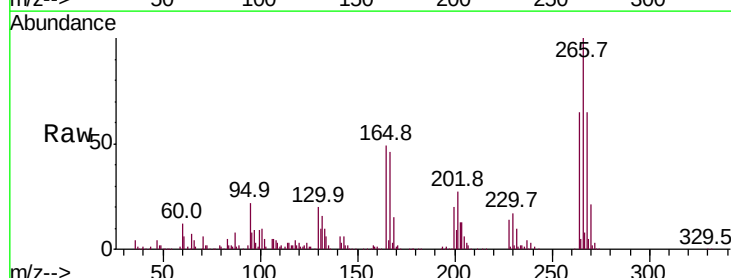
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 69.010 ng
RT: 17.14 min Scan# 2357
Delta R.T. 0.00 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	70.0	55.0	82.6
264	70.2	58.9	88.3

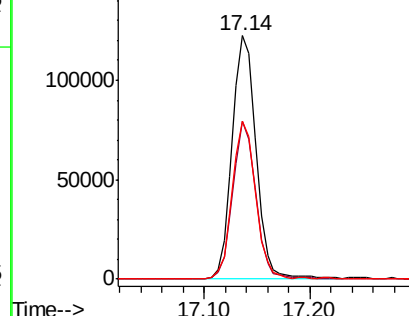
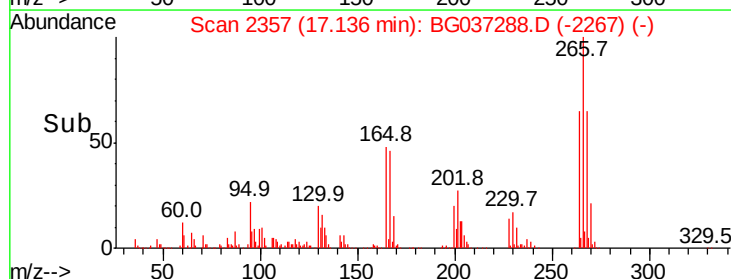


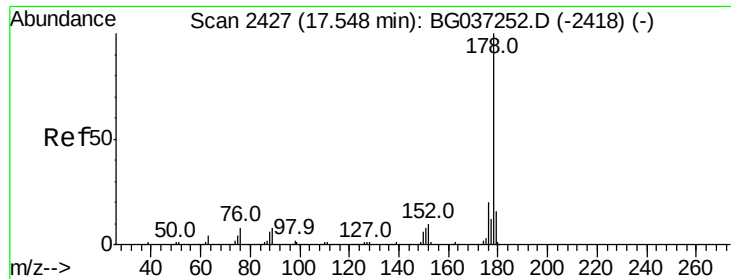
Abundance

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: 38.741 ng

RT: 17.54 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Instrument :

BNA_G

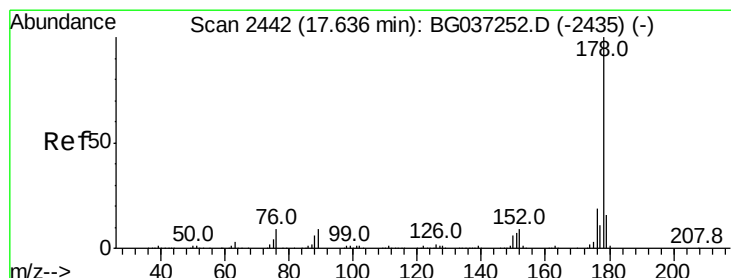
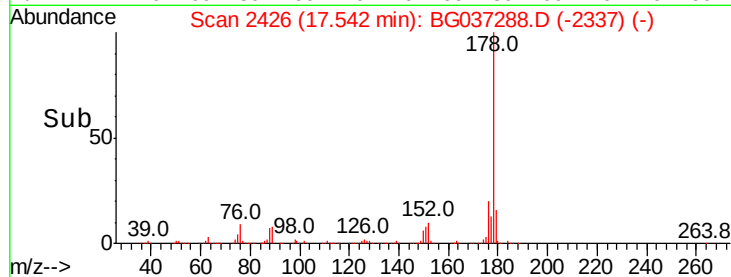
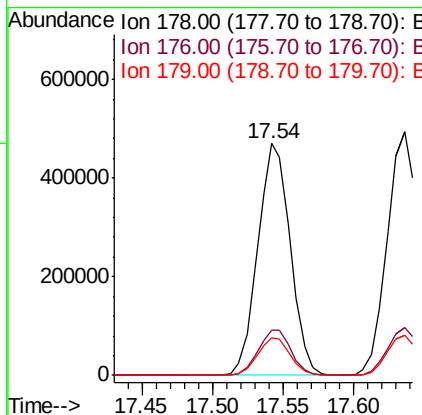
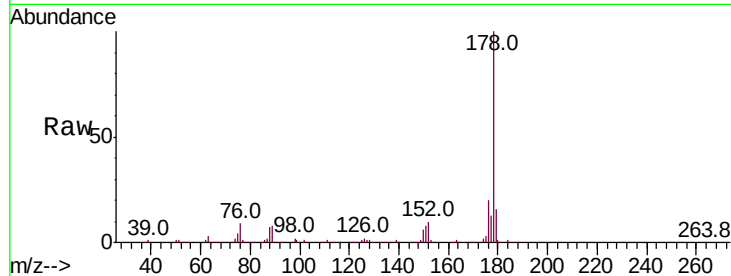
ClientSampleId :

PB113678BS

Tot Ion:178	Resp:	759536
Ion Ratio	Lower	Upper
178	100	
176	19.7	16.1 24.1
179	16.4	13.0 19.4

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#72

Anthracene

Concen: 40.451 ng

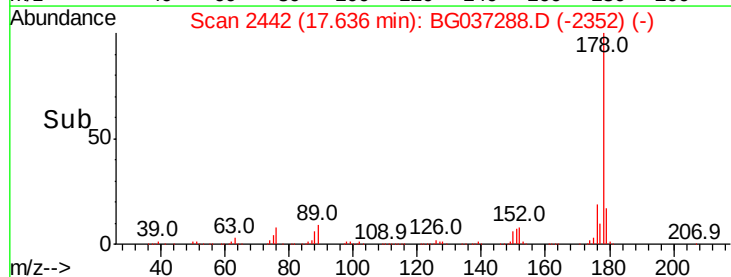
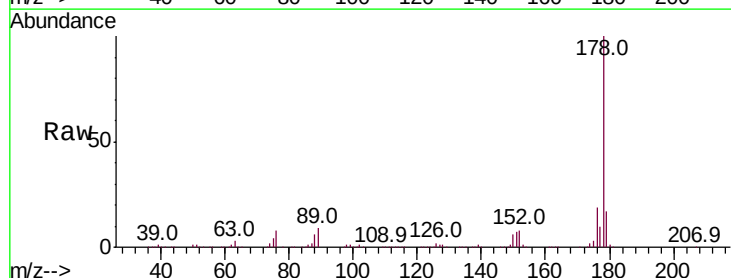
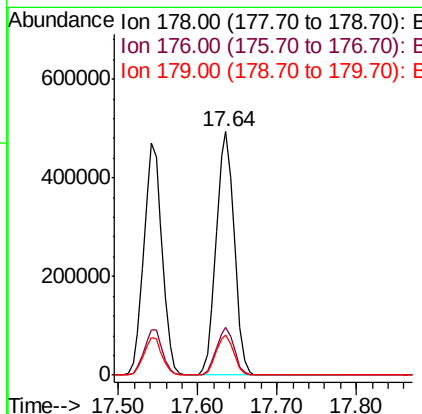
RT: 17.64 min Scan# 2442

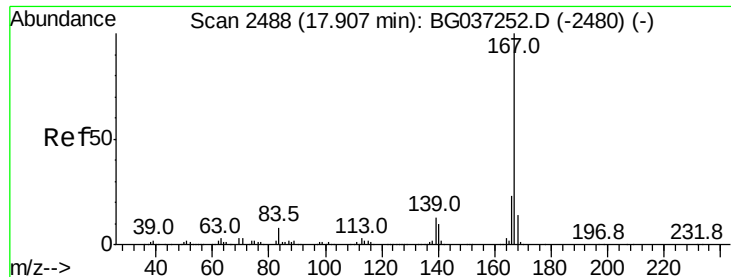
Delta R.T. -0.00 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Tgt Ion:178	Resp:	776236
Ion Ratio	Lower	Upper
178	100	
176	19.5	15.0 22.4
179	16.7	12.8 19.2





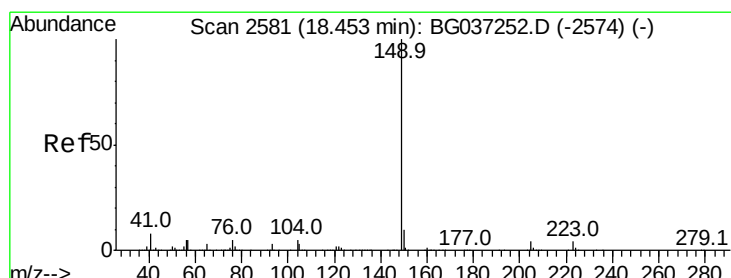
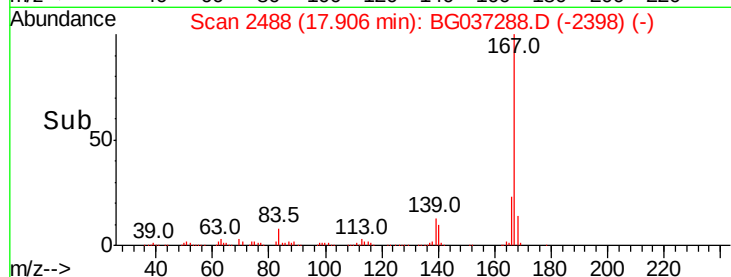
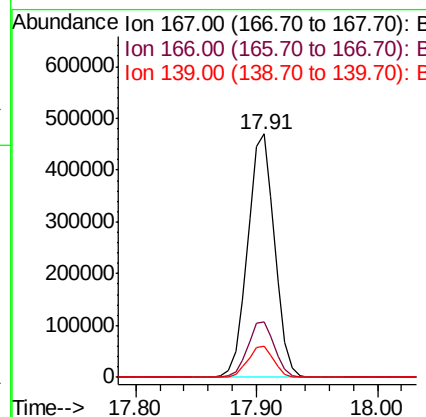
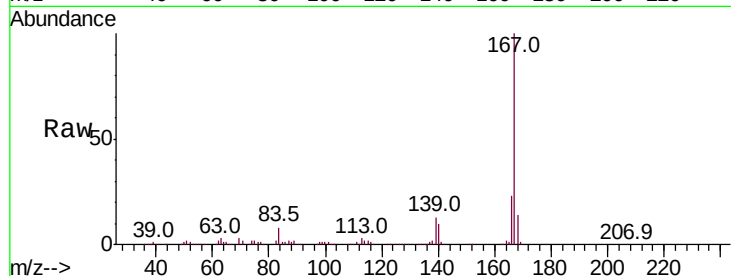
#73
 Carbazole
 Concen: 36.873 ng
 RT: 17.91 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BG037288.D
 Acq: 12 Oct 2018 12:19

Instrument :
 BNA_G
 ClientSampleId :
 PB113678BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.3	27.5
139	12.9	10.5	15.7

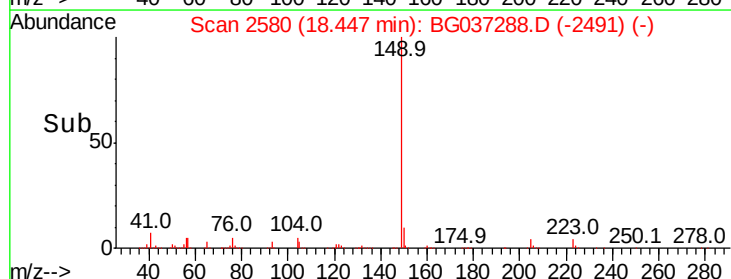
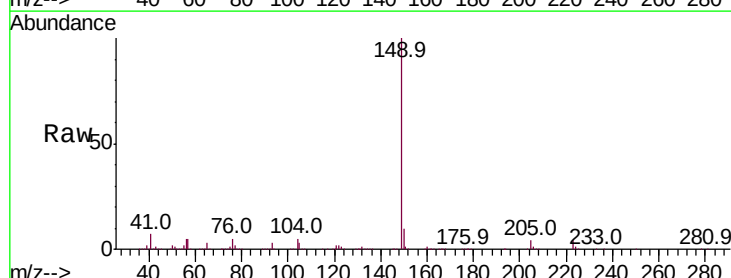
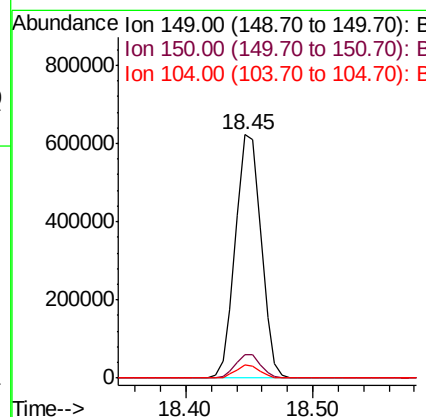
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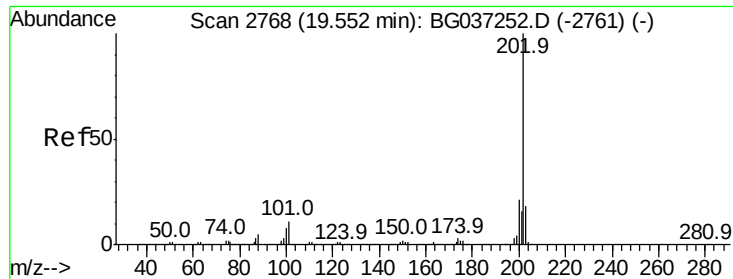
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#74
 Di-n-butylphthalate
 Concen: 41.098 ng
 RT: 18.45 min Scan# 2580
 Delta R.T. -0.01 min
 Lab File: BG037288.D
 Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.2	12.2
104	5.2	4.0	6.0





#75

Fluoranthene

Concen: 40.674 ng

RT: 19.55 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Instrument :

BNA_G

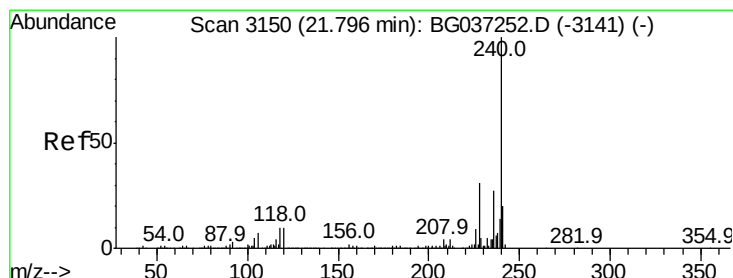
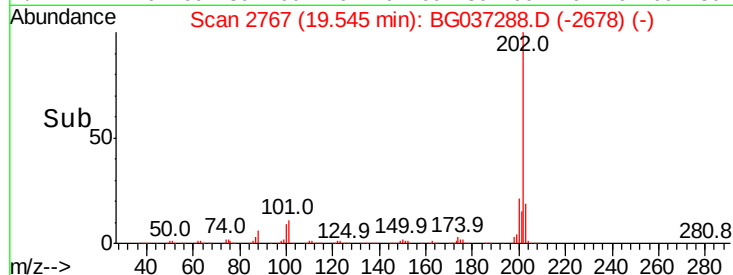
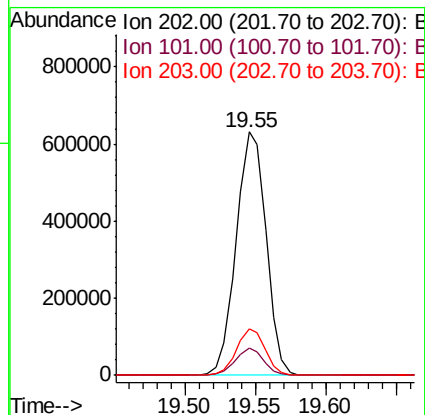
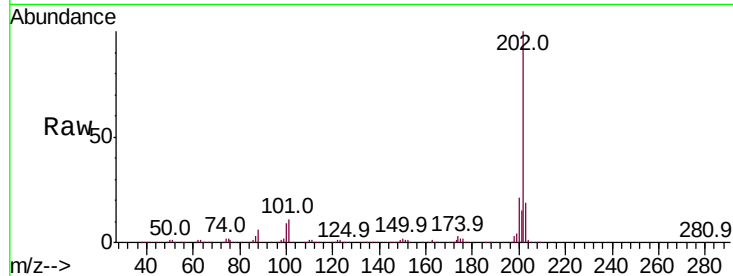
ClientSampleId :

PB113678BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.2	0.0	30.7
203	18.9	0.0	38.5

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

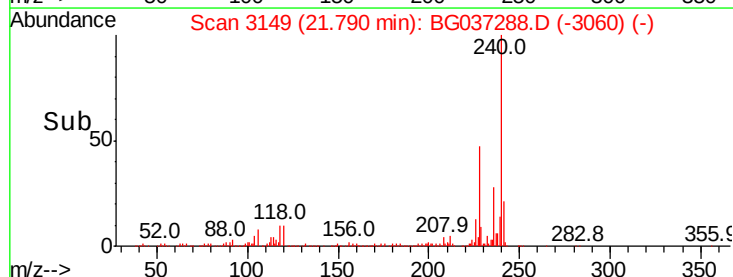
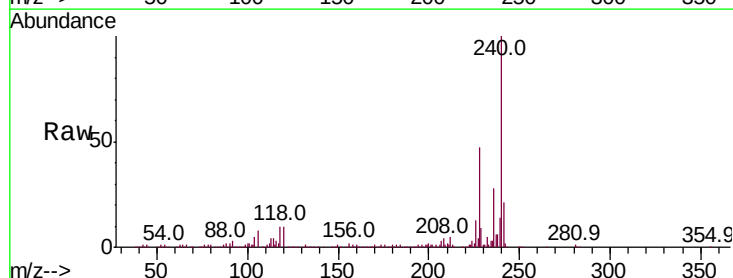
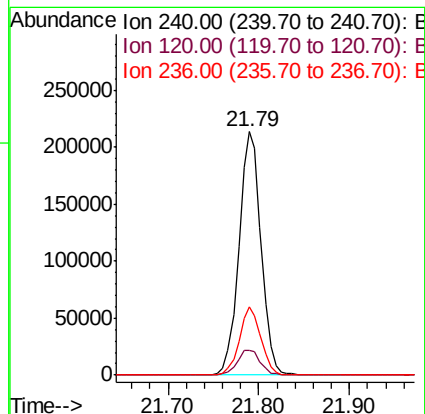
RT: 21.79 min Scan# 3149

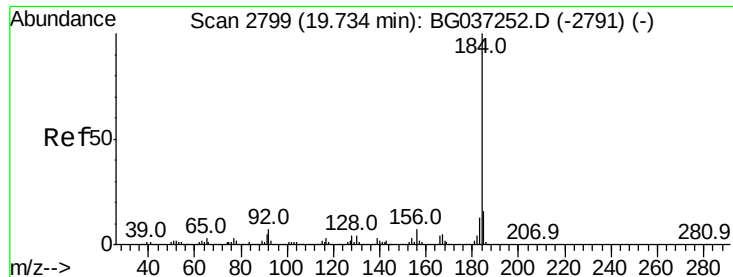
Delta R.T. -0.01 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.3	8.1	12.1
236	28.0	21.4	32.0





#77

Benzidine

Concen: 28.950 ng

RT: 19.73 min Scan# 2798

Delta R.T. -0.01 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Instrument :

BNA_G

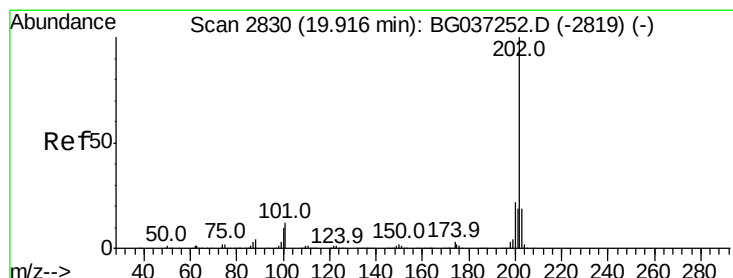
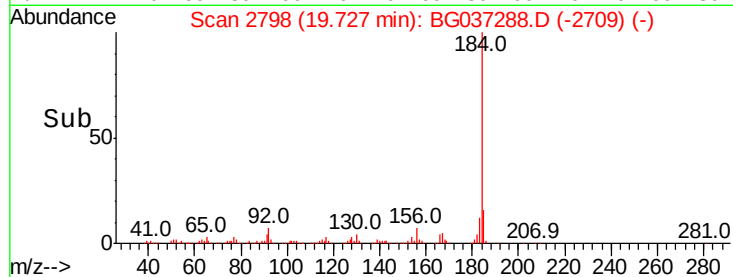
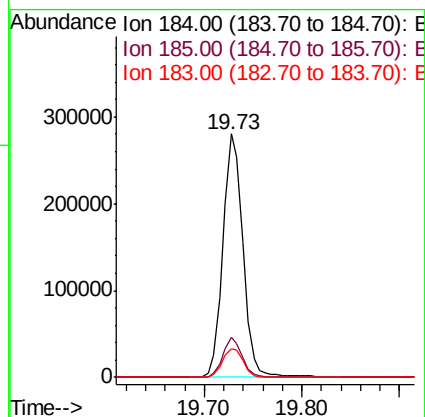
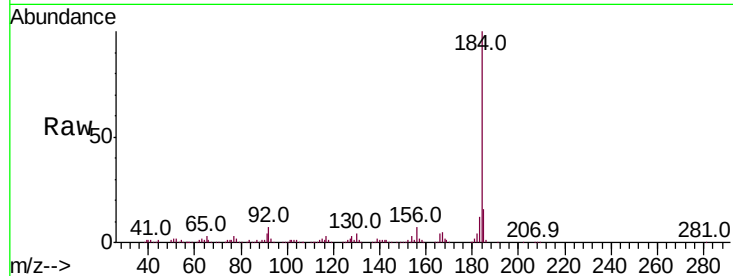
ClientSampleId :

PB113678BS

Tot Ion:	184	Resp:	399576
Ion Ratio	Lower	Upper	
184	100		
185	16.3	12.6	18.8
183	11.7	10.2	15.2

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#78

Pyrene

Concen: 39.047 ng

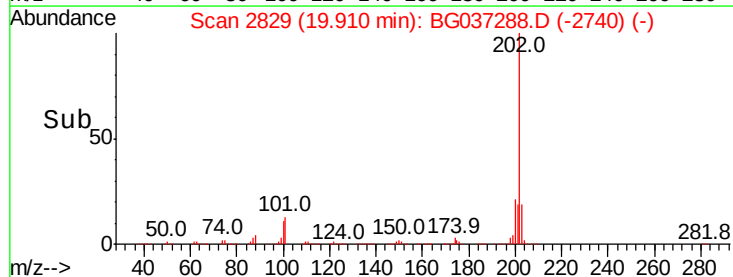
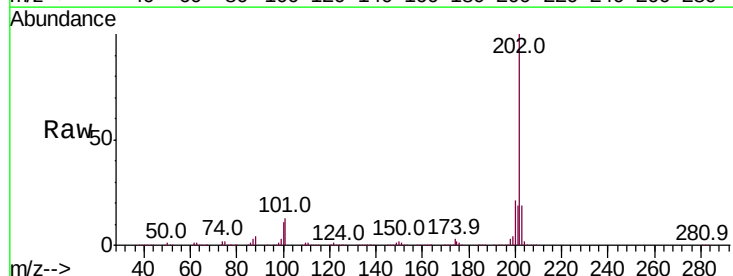
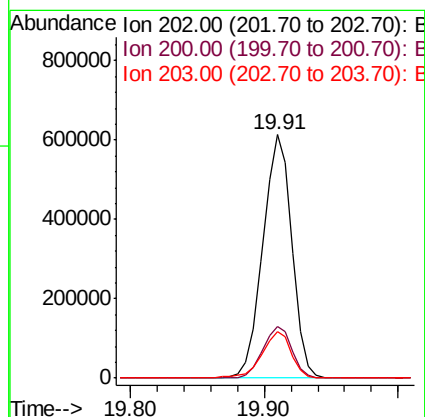
RT: 19.91 min Scan# 2829

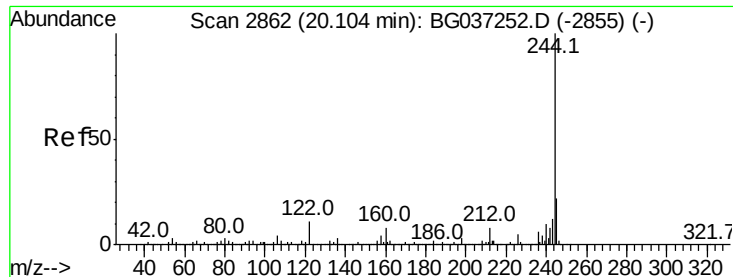
Delta R.T. -0.01 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Tgt Ion:	202	Resp:	918173
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.8	26.6
203	19.1	15.2	22.8





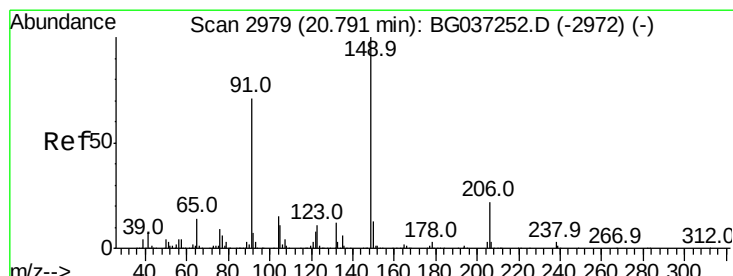
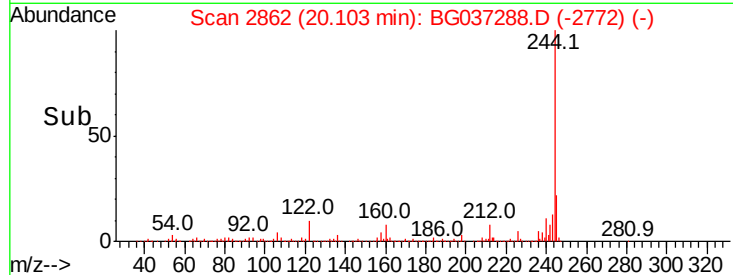
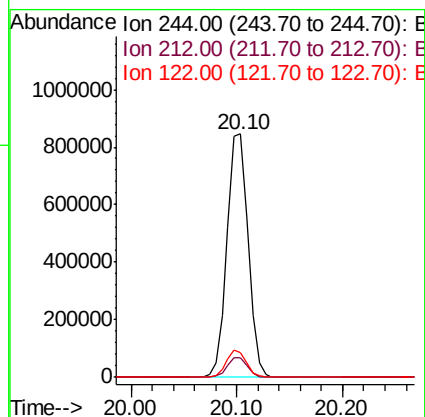
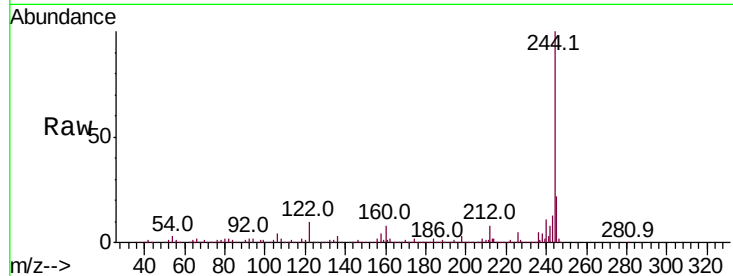
#79
Terphenyl-d14
Concen: 68.187 ng
RT: 20.10 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Instrument :
BNA_G
ClientSampleId :
PB113678BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	10.2	9.0	13.4

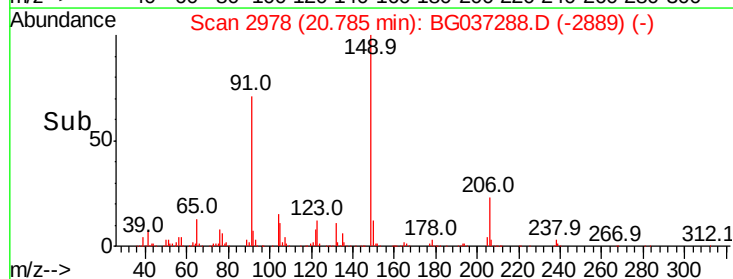
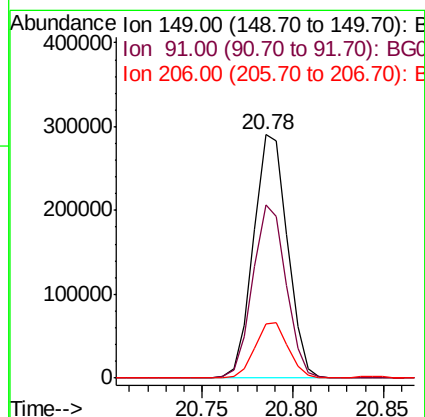
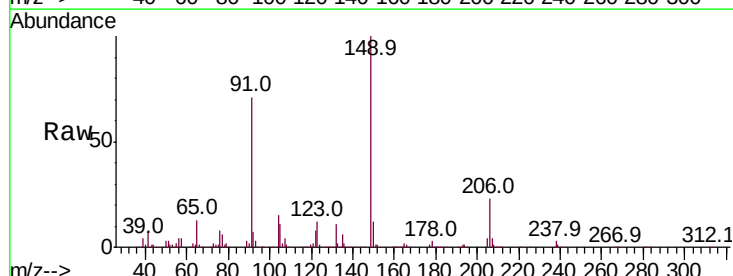
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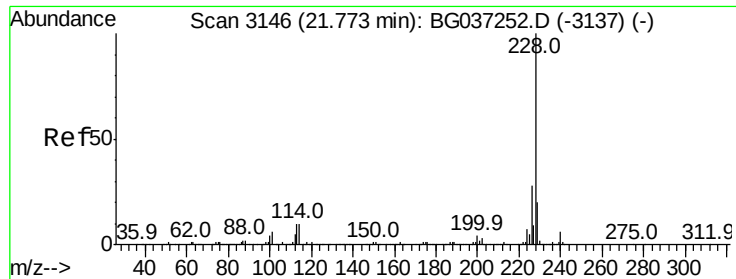
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#80
Butylbenzylphthalate
Concen: 41.485 ng
RT: 20.78 min Scan# 2978
Delta R.T. -0.01 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.1	57.0	85.4
206	22.5	17.8	26.6





#81

Benzo(a)anthracene

Concen: 40.323 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Instrument :

BNA_G

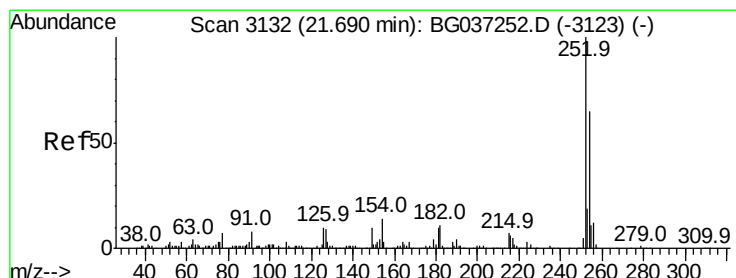
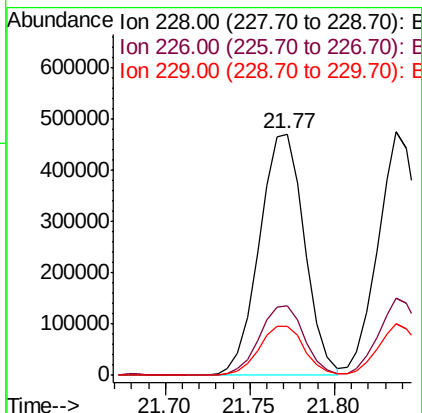
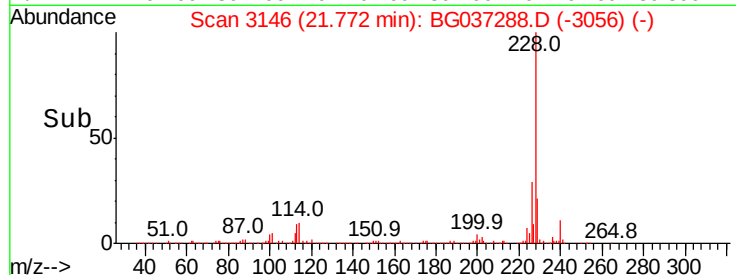
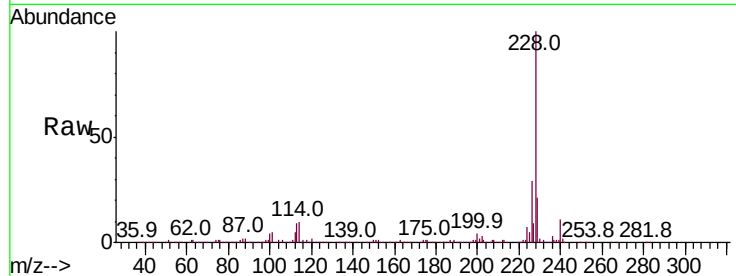
ClientSampleId :

PB113678BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	20.5	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 23.476 ng

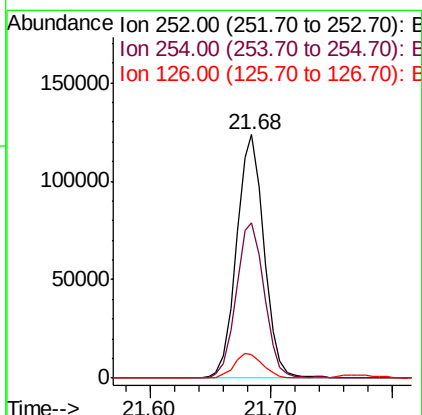
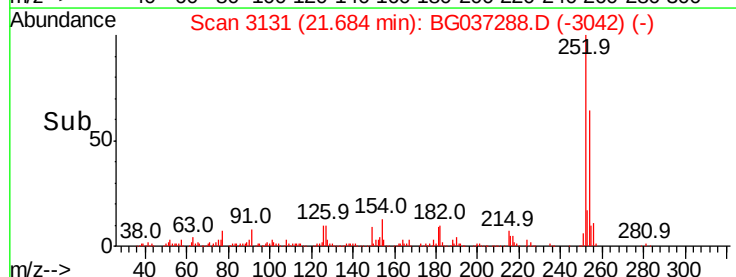
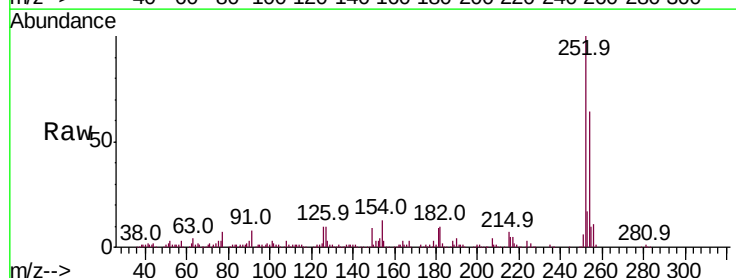
RT: 21.68 min Scan# 3131

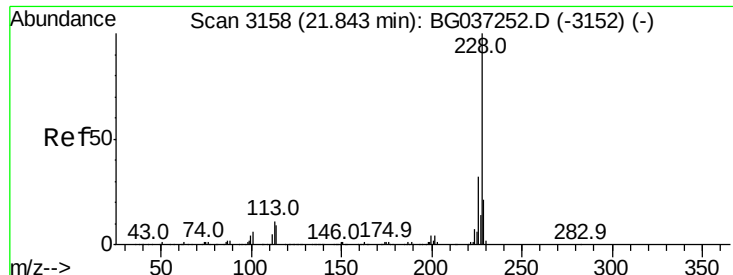
Delta R.T. -0.01 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.0	78.0
126	9.7	8.2	12.4





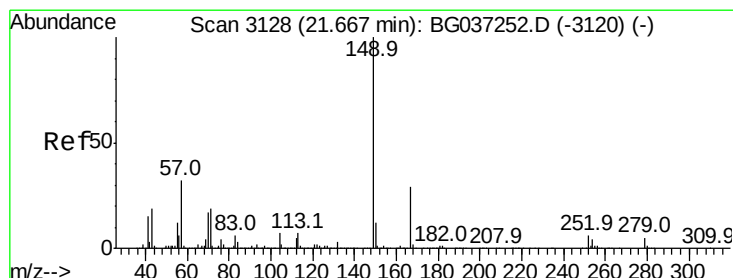
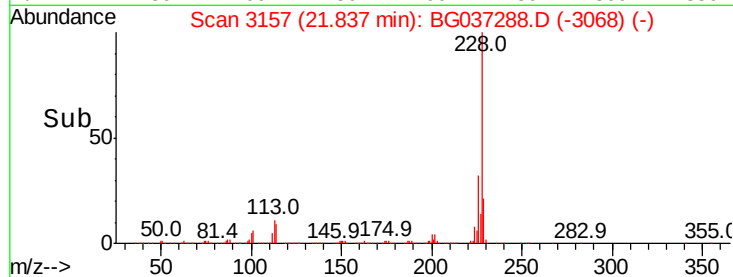
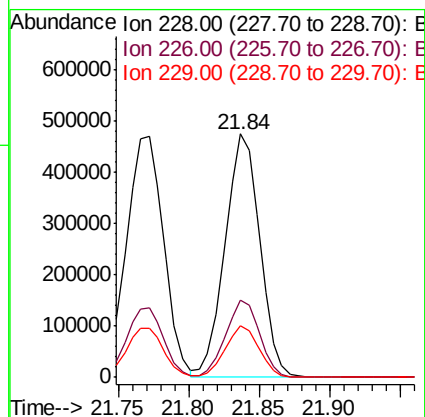
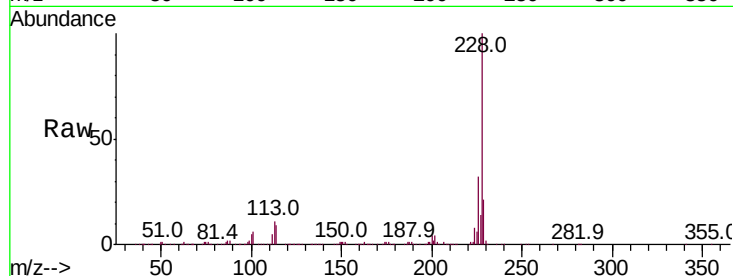
#83
 Chrysene
 Concen: 39.384 ng
 RT: 21.84 min Scan# 3157
 Delta R.T. -0.01 min
 Lab File: BG037288.D
 Acq: 12 Oct 2018 12:19

Instrument :
 BNA_G
 ClientSampleId :
 PB113678BS

Tot Ion:	228	Resp:	811790
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.7	38.5
229	21.0	16.5	24.7

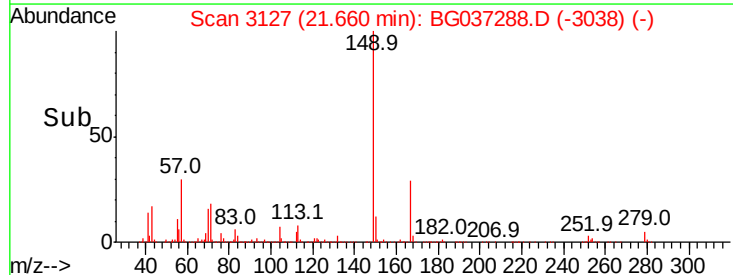
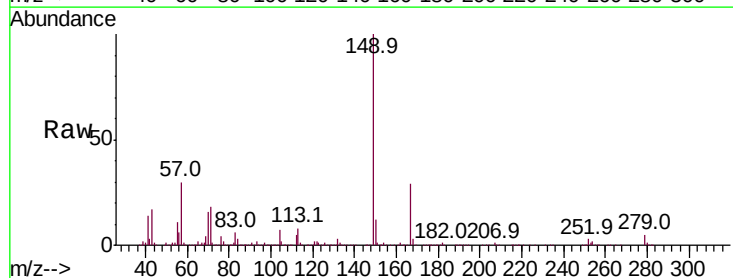
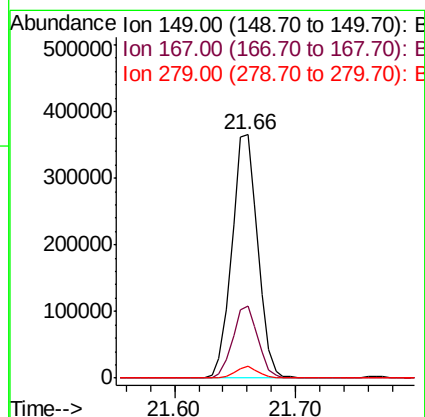
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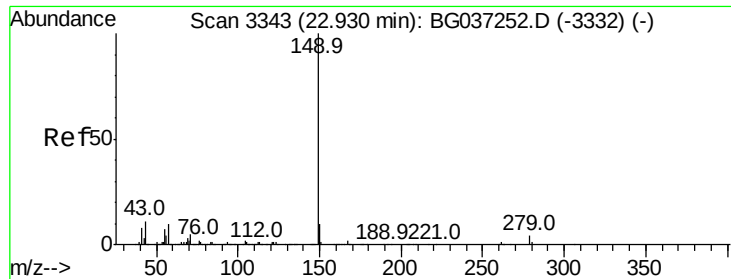
Sohil
 10/12/2018 3:56:02 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.379 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.01 min
 Lab File: BG037288.D
 Acq: 12 Oct 2018 12:19

Tgt Ion:	149	Resp:	543611
Ion Ratio	Lower	Upper	
149	100		
167	29.4	23.0	34.4
279	4.8	3.6	5.4





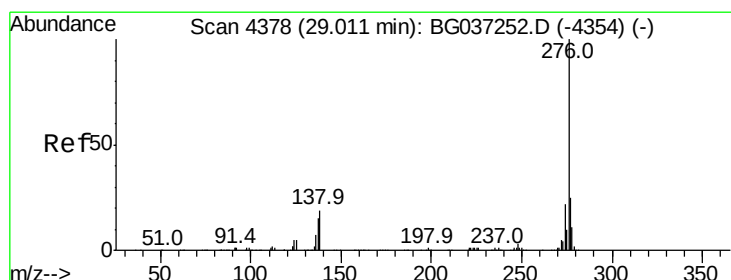
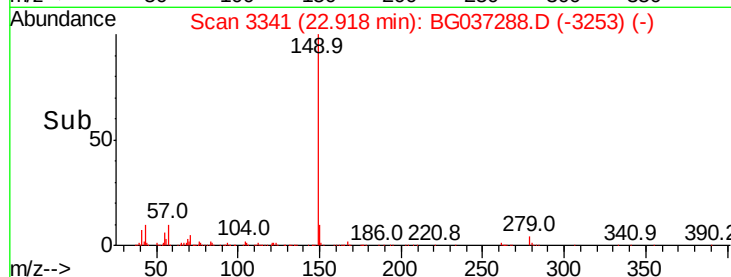
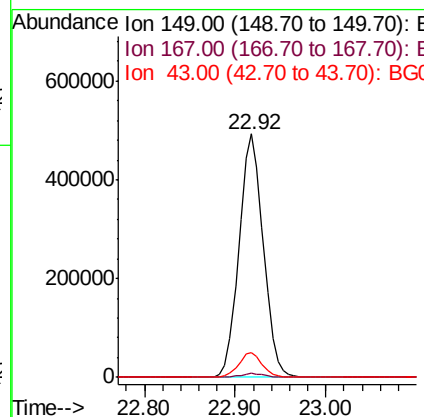
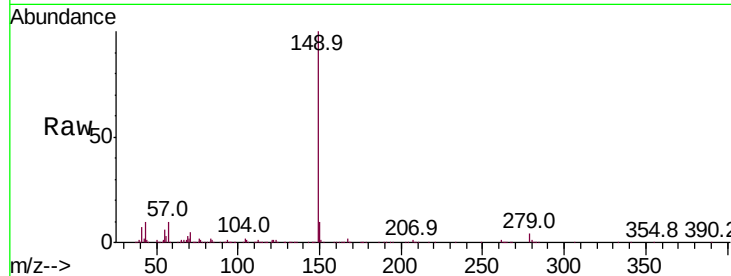
#85
Di-n-octyl phthalate
Concen: 43.015 ng
RT: 22.92 min Scan# 3341
Delta R.T. -0.01 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Instrument :
BNA_G
ClientSampleId :
PB113678BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	917199		
167	1.6		1.3	1.9
43	10.0		8.7	13.1

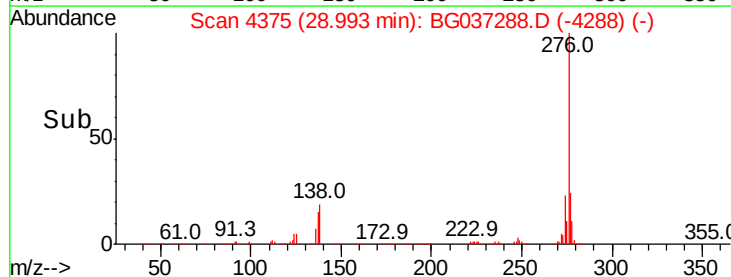
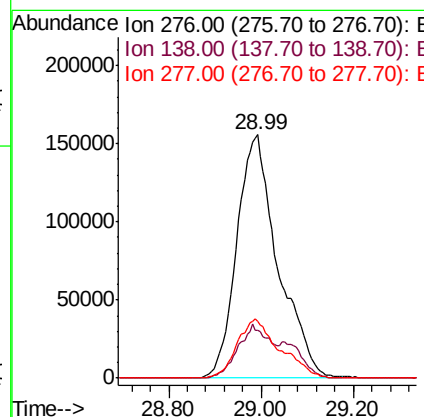
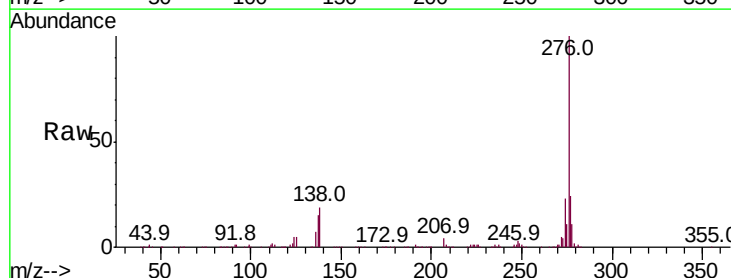
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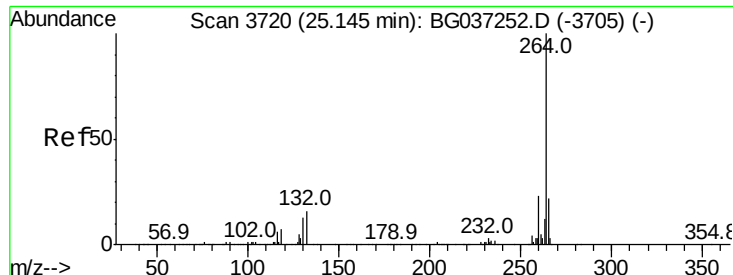
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 42.117 ng
RT: 28.99 min Scan# 4375
Delta R.T. -0.02 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	962243		
138	17.8		12.0	18.0
277	25.3		20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.13 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Instrument :

BNA_G

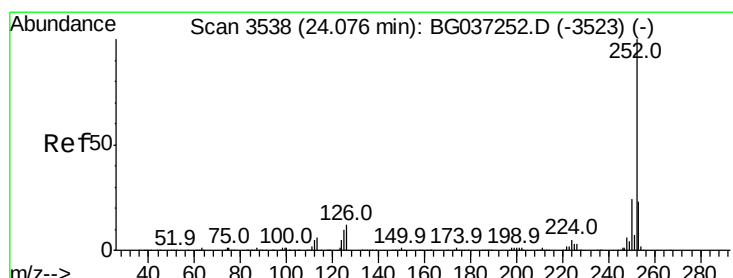
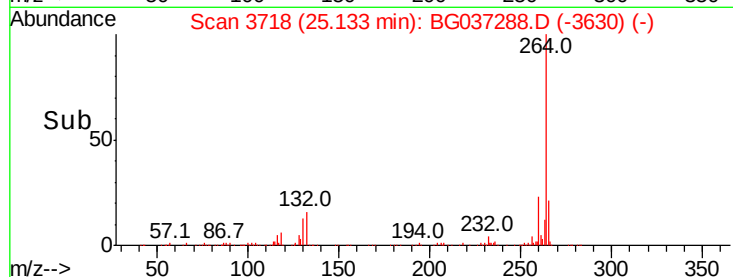
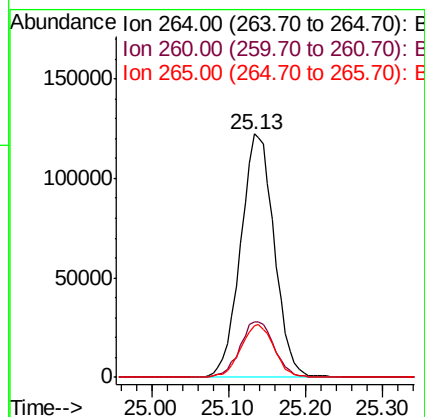
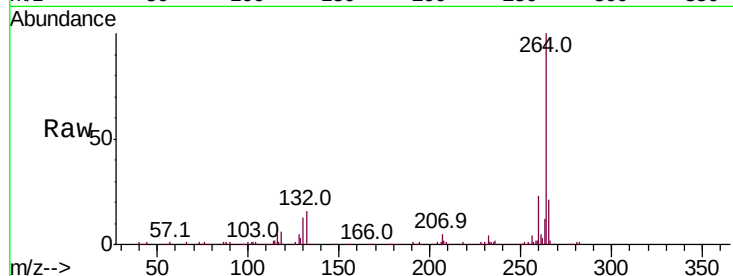
ClientSampleId :

PB113678BS

Tot Ion:	264	Resp:	372617
Ion Ratio	Lower	Upper	
264	100		
260	22.9	18.2	27.4
265	21.2	17.9	26.9

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 43.027 ng

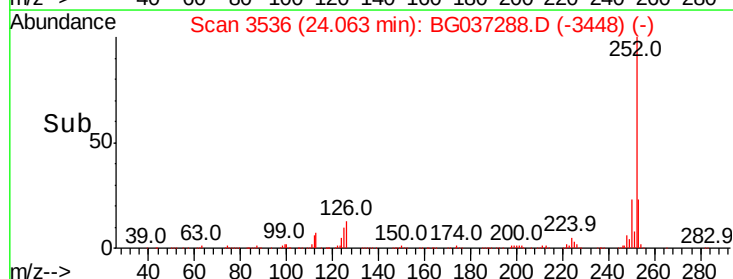
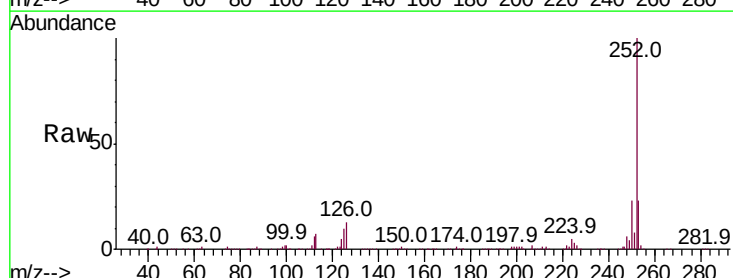
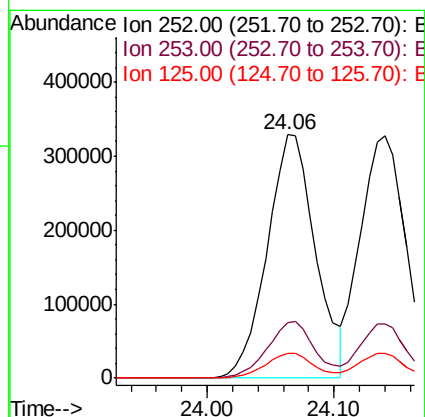
RT: 24.06 min Scan# 3536

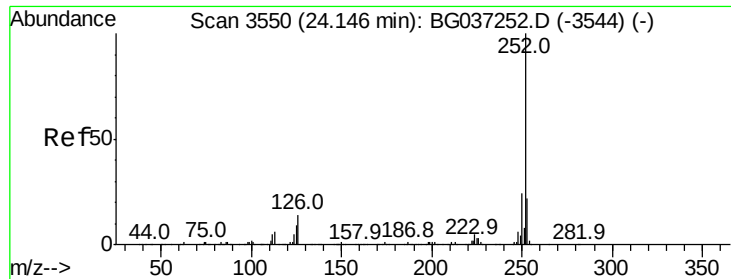
Delta R.T. -0.01 min

Lab File: BG037288.D

Acq: 12 Oct 2018 12:19

Tgt Ion:	252	Resp:	871651
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.2	27.2
125	10.3	7.8	11.6





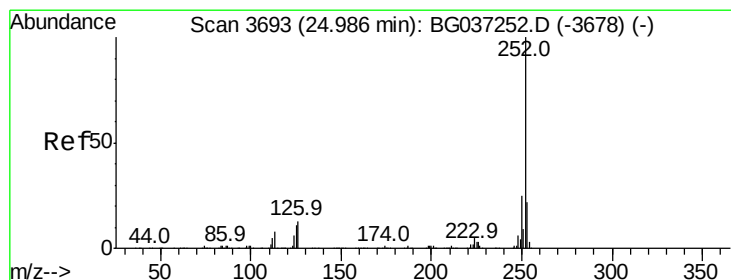
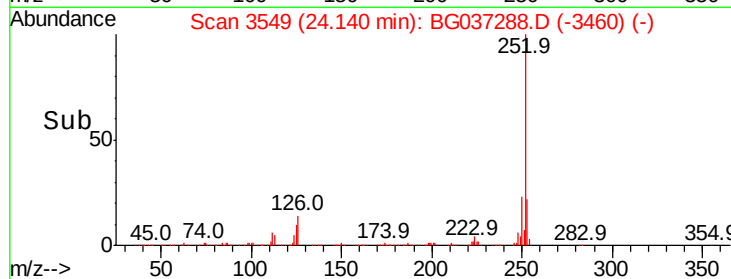
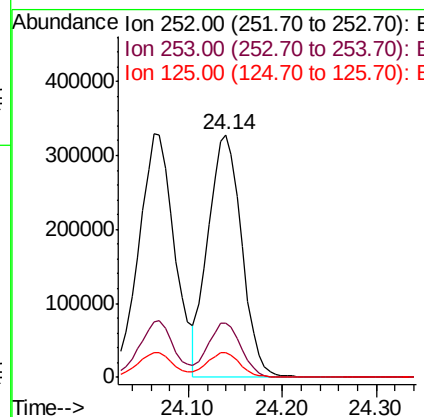
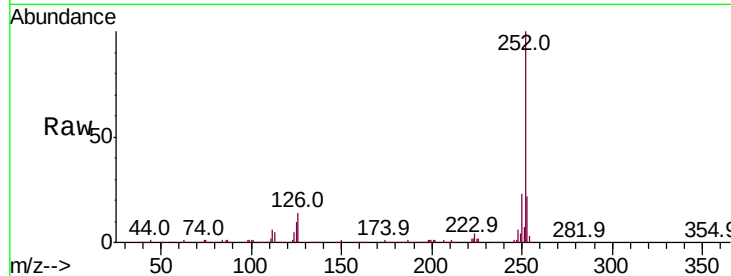
#89
Benzo(k)fluoranthene
Concen: 40.821 ng
RT: 24.14 min Scan# 3549
Delta R.T. -0.01 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Instrument :
BNA_G
ClientSampleId :
PB113678BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	816012		
253	22.2		17.4	26.2
125	10.2		7.4	11.0

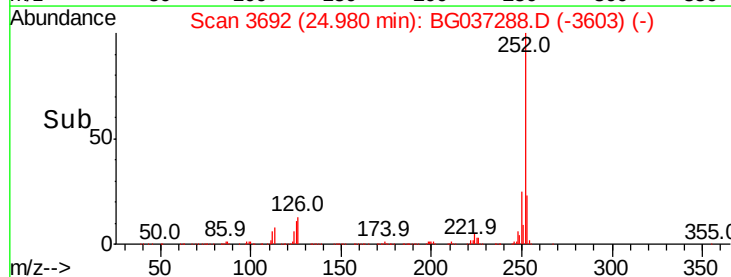
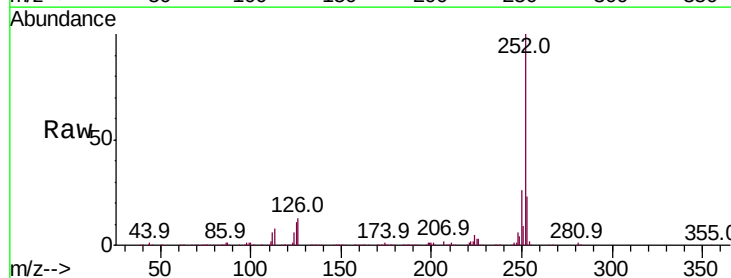
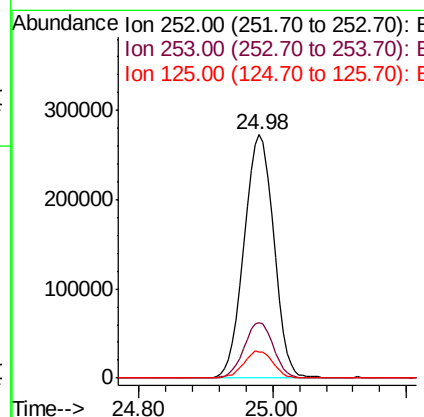
Manual Integrations
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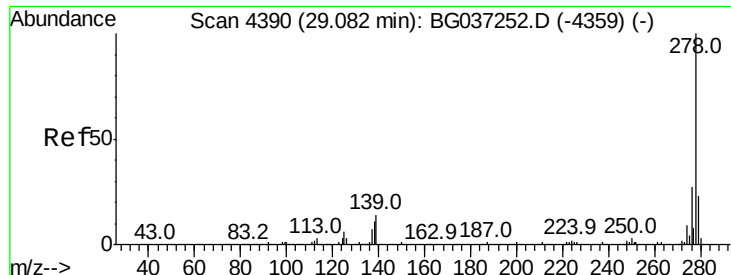
Sohil
10/12/2018 3:56:02 PM



#90
Benzo(a)pyrene
Concen: 42.966 ng
RT: 24.98 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	834650		
253	22.8		17.4	26.2
125	10.6		9.0	13.6





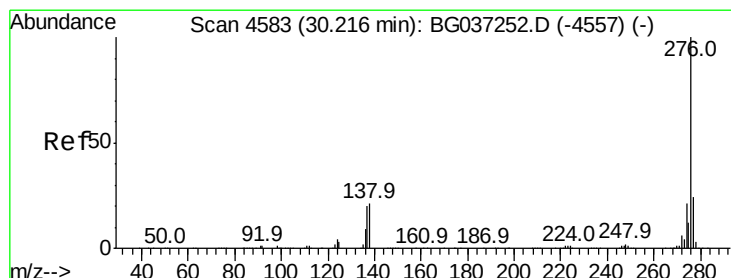
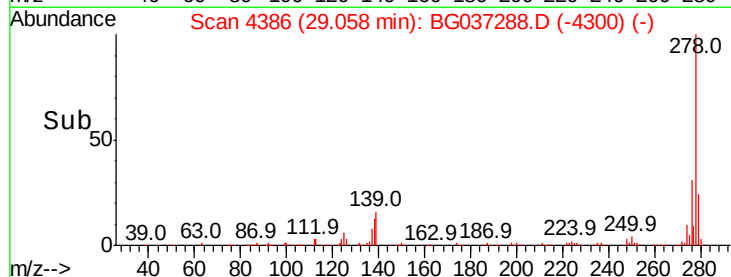
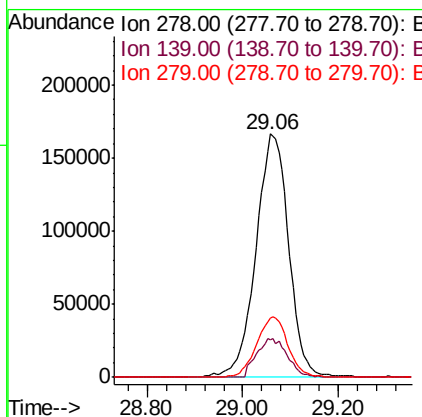
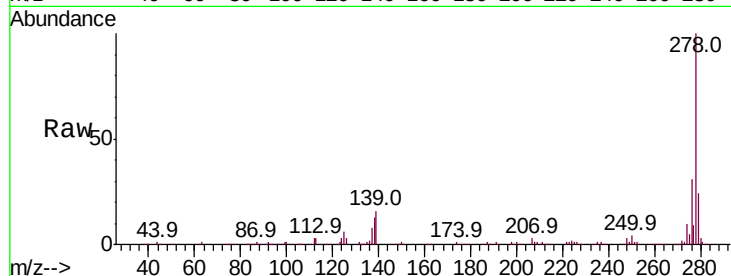
#91
Dibenzo(a,h)anthracene
Concen: 42.485 ng
RT: 29.06 min Scan# 4386
Delta R.T. -0.02 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Instrument :
BNA_G
ClientSampleId :
PB113678BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	11.5	17.3
279	24.1	18.6	27.8

Manual Integrations
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Sohil
10/12/2018 3:56:02 PM



#92
Benzo(g,h,i)perylene
Concen: 43.145 ng
RT: 30.20 min Scan# 4581
Delta R.T. -0.01 min
Lab File: BG037288.D
Acq: 12 Oct 2018 12:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.9	28.3
138	20.3	17.2	25.8

