

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037643.D
 Acq On : 30 Oct 2018 4:16
 Operator : JU/SJ
 Sample : PB114248BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114248BS

Manual Integrations
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Sohil
 10/30/2018 5:50:31 PM

Quant Time: Oct 30 06:38:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	52166	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	240634	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	161278	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	388787	20.00	ng	0.00
76) Chrysene-d12	21.77	240	351353	20.00	ng	0.00
87) Perylene-d12	25.10	264	367254	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	546414	175.12	ng	0.00
7) Phenol-d6	7.25	99	770648	163.33	ng	0.00
23) Nitrobenzene-d5	9.27	82	352070	81.96	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	289678	164.68	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	836427	78.21	ng	0.00
79) Terphenyl-d14	20.08	244	1256443	76.41	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.52	88	49172	31.075 ng	98
3) Pyridine	3.93	79	145780	36.552 ng	95
4) n-Nitrosodimethylamine	3.85	42	65282	45.955 ng	# 91
6) Aniline	7.42	93	201695	35.041 ng	96
8) 2-Chlorophenol	7.66	128	167348	45.846 ng	98
9) Benzaldehyde	7.24	77	133435	45.210 ng	94
10) Phenol	7.28	94	227821	45.764 ng	98
11) bis(2-Chloroethyl)ether	7.52	93	153460	40.588 ng	96
12) 1,3-Dichlorobenzene	7.99	146	164023	40.363 ng	98
13) 1,4-Dichlorobenzene	8.14	146	168791	40.606 ng	98
14) 1,2-Dichlorobenzene	8.45	146	162732	40.697 ng	97
15) Benzyl Alcohol	8.34	79	151048	43.327 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	281700	41.639 ng	98
17) 2-Methylphenol	8.53	107	155793	47.337 ng	99
18) Hexachloroethane	9.19	117	60554	42.730 ng	92
19) n-Nitroso-di-n-propylamine	8.90	70	127214	39.155 ng	96
20) 3+4-Methylphenols	8.86	107	216231	45.953 ng	100
22) Acetophenone	8.93	105	244547	40.522 ng	96
24) Nitrobenzene	9.32	77	187659	42.053 ng	94
25) Isophorone	9.84	82	364709	46.467 ng	96
26) 2-Nitrophenol	10.03	139	94014	46.766 ng	99
27) 2,4-Dimethylphenol	10.07	122	181838	50.660 ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	223476	43.458 ng	96
29) 2,4-Dichlorophenol	10.56	162	184924	46.272 ng	98
30) 1,2,4-Trichlorobenzene	10.78	180	172935	39.792 ng	97
31) Naphthalene	10.97	128	521407	44.115 ng	99
32) Benzoic acid	10.20	122	114651	49.179 ng	97
33) 4-Chloroaniline	11.08	127	129605	23.338 ng	97
34) Hexachlorobutadiene	11.24	225	98879	38.388 ng	98
35) Caprolactam	11.87	113	70042m	43.699 ng	
36) 4-Chloro-3-methylphenol	12.19	107	203382	45.125 ng	98
37) 2-Methylnaphthalene	12.57	142	391612	45.453 ng	99
38) 1-Methylnaphthalene	12.79	142	373775	44.671 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	199729	38.394 ng	99

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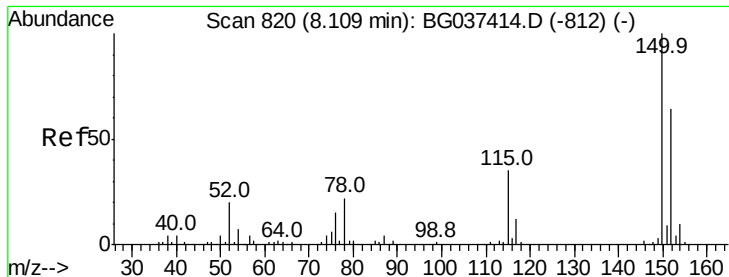
Manual Integrations
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 10/30/2018 5:50:31 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	248419	99.971	ng	97
43) 2,4,6-Trichlorophenol	13.17	196	155919	44.863	ng	98
44) 2,4,5-Trichlorophenol	13.24	196	171634	45.359	ng	97
46) 1,1'-Biphenyl	13.57	154	516504	38.670	ng	99
47) 2-Chloronaphthalene	13.62	162	405063	40.086	ng	98
48) 2-Nitroaniline	13.83	65	139329	45.468	ng	96
49) Acenaphthylene	14.46	152	682060	44.871	ng	100
50) Dimethylphthalate	14.19	163	536018	42.961	ng	99
51) 2,6-Dinitrotoluene	14.32	165	123089	44.596	ng	97
52) Acenaphthene	14.80	154	396890	42.396	ng	98
53) 3-Nitroaniline	14.65	138	103756	33.862	ng	# 98
54) 2,4-Dinitrophenol	14.85	184	93401	77.711	ng	97
55) Dibenzofuran	15.13	168	639055	41.202	ng	99
56) 4-Nitrophenol	14.94	139	278760	122.908	ng	98
57) 2,4-Dinitrotoluene	15.10	165	170847	47.155	ng	98
58) Fluorene	15.78	166	519107	44.693	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	151632	46.803	ng	99
60) Diethylphthalate	15.54	149	553258	43.192	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	271704	40.134	ng	99
62) 4-Nitroaniline	15.81	138	138216	45.396	ng	91
63) Azobenzene	16.06	77	522256	42.732	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	83789	42.298	ng	99
66) n-Nitrosodiphenylamine	15.98	169	479051	40.963	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	171644	40.202	ng	99
68) Hexachlorobenzene	16.78	284	175297	39.615	ng	95
69) Atrazine	16.92	200	179670	42.493	ng	99
70) Pentachlorophenol	17.12	266	209996	70.849	ng	97
71) Phenanthrene	17.52	178	867285	43.892	ng	99
72) Anthracene	17.62	178	877295	45.242	ng	98
73) Carbazole	17.89	167	798999	41.192	ng	100
74) Di-n-butylphthalate	18.42	149	958524	44.423	ng	100
75) Fluoranthene	19.53	202	1004842	44.837	ng	98
77) Benzidine	19.72	184	573892	48.037	ng	100
78) Pyrene	19.89	202	1000457	43.558	ng	99
80) Butylbenzylphthalate	20.76	149	430742	45.823	ng	99
81) Benzo(a)anthracene	21.75	228	933594	44.923	ng	99
82) 3,3'-Dichlorobenzidine	21.67	252	247528	30.729	ng	95
83) Chrysene	21.82	228	870634	43.567	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	604393	45.870	ng	98
85) Di-n-octyl phthalate	22.87	149	1009400	46.979	ng	98
86) Indeno(1,2,3-cd)pyrene	28.92	276	957863	44.690	ng	97
88) Benzo(b)fluoranthene	24.03	252	910684	45.231	ng	97
89) Benzo(k)fluoranthene	24.11	252	892696	45.254	ng	99
90) Benzo(a)pyrene	24.94	252	889345	46.484	ng	99
91) Dibenzo(a,h)anthracene	29.00	278	742377	42.066	ng	99
92) Benzo(g,h,i)perylene	30.13	276	752972	42.173	ng	99

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



#1

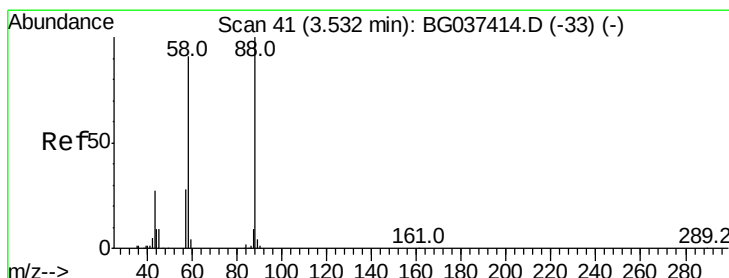
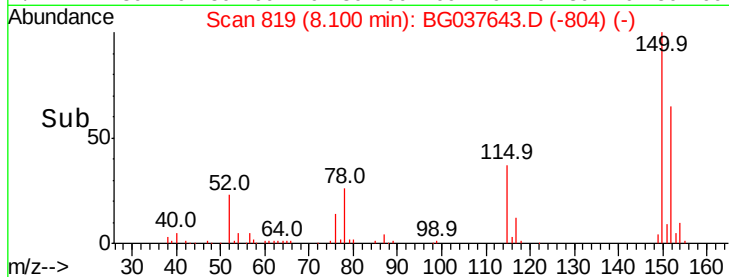
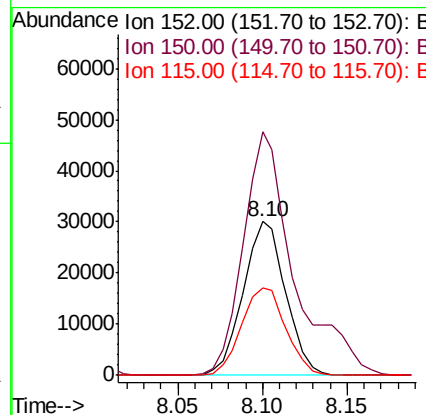
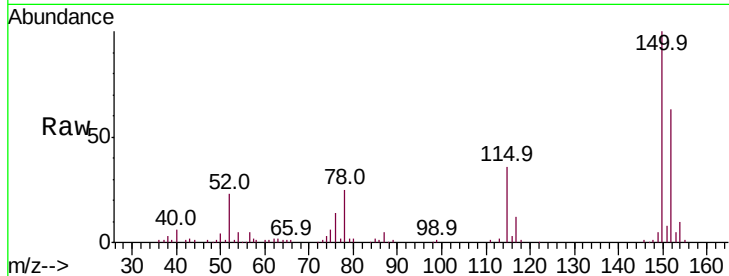
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.0	189.0
115	56.6	45.5	68.3

Manual Integrations
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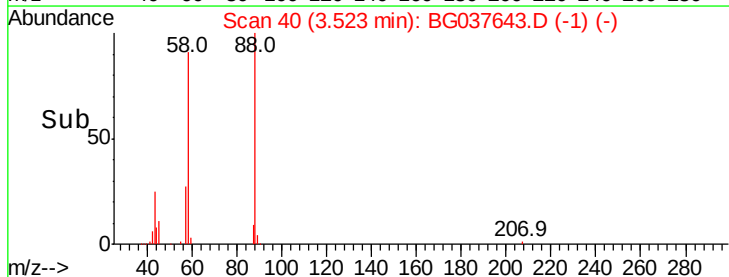
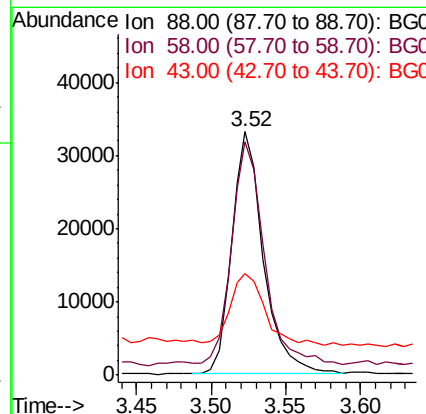
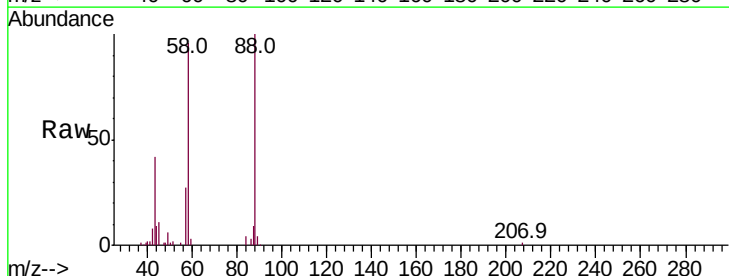
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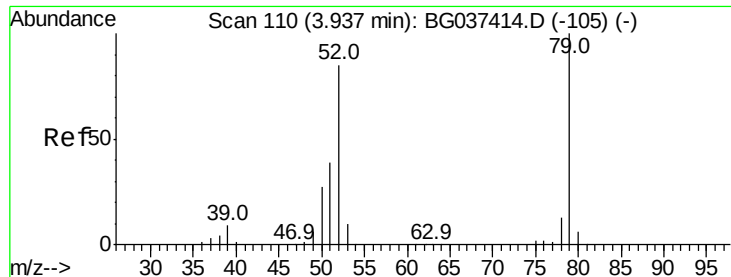


#2

1,4-Dioxane
Concen: 31.075 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.3	74.4	111.6
43	32.5	25.8	38.8





#3

Pvridine

Concen: 36.552 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

ClientSampleId :

PB114248BS

Tot Ion: 79 Resp: 145780

Ion Ratio Lower Upper

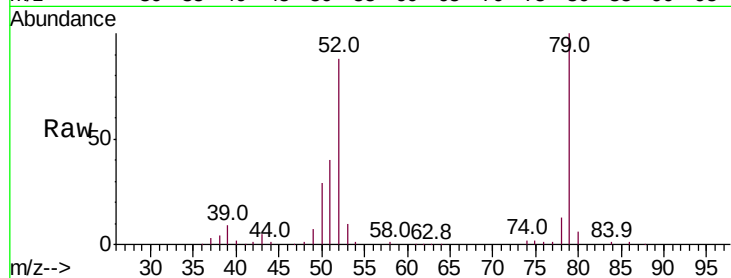
79 100

52 87.9 74.2 111.2

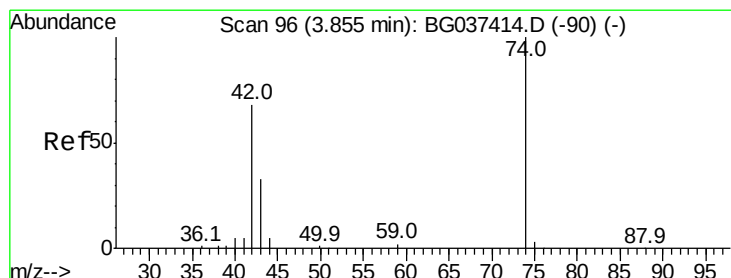
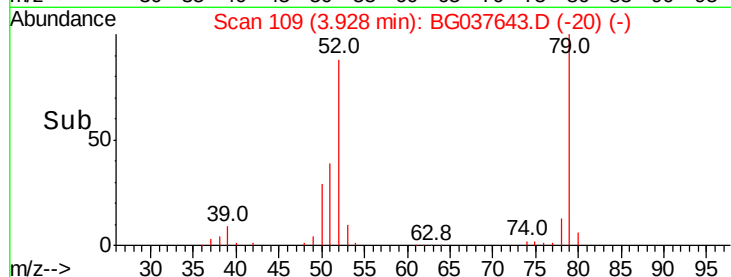
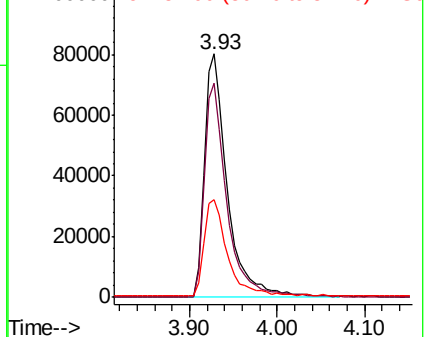
51 40.1 34.6 51.8

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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 45.955 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

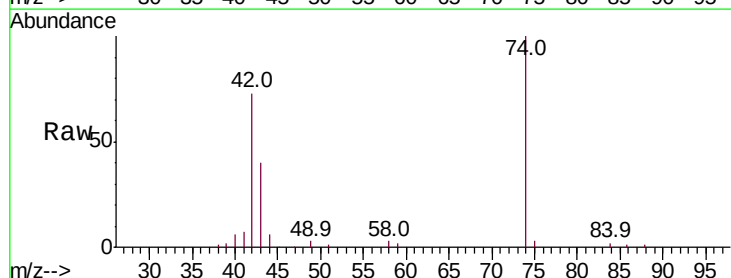
Tgt Ion: 42 Resp: 65282

Ion Ratio Lower Upper

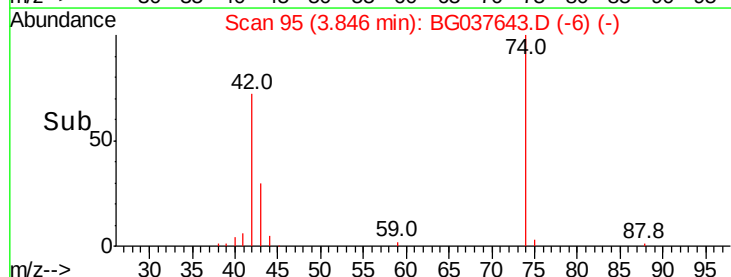
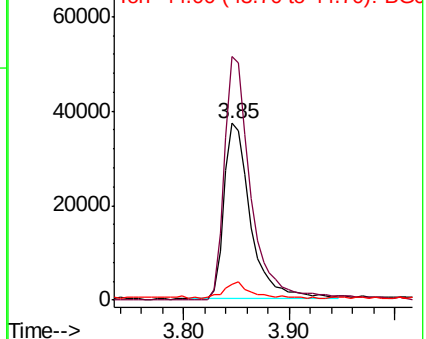
42 100

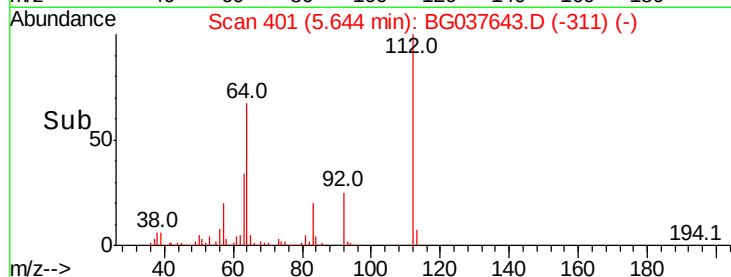
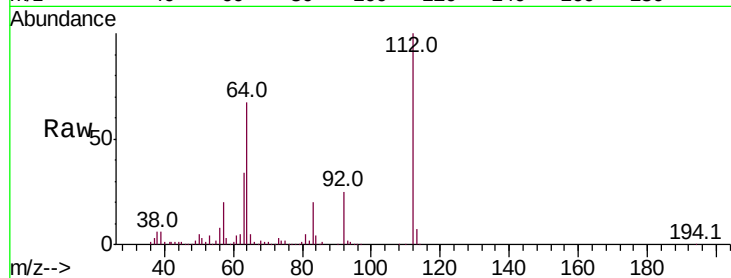
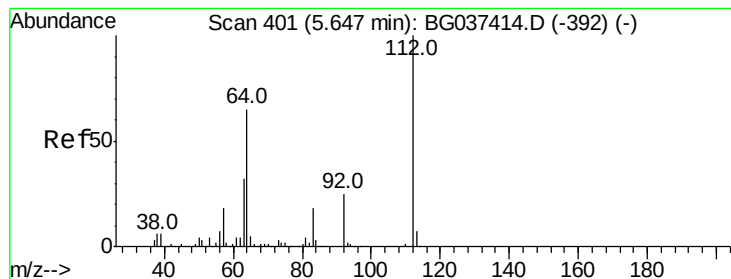
74 137.7 102.0 153.0

44 8.8 9.6 14.4#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 175.119 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Tot Ion:	112	Resp:	546414
Ion Ratio	Lower	Upper	
112	100		
64	67.2	53.1	79.7
63	33.9	27.3	40.9

Instrument :

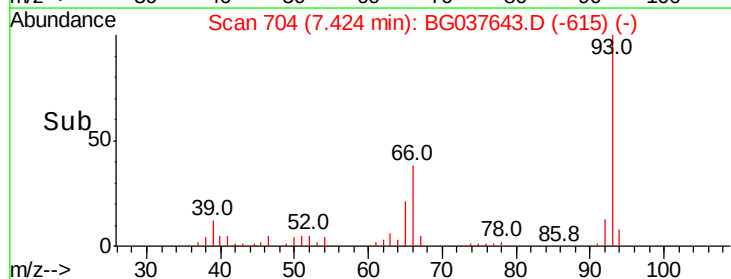
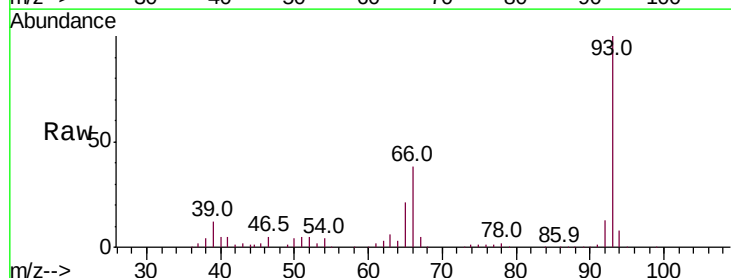
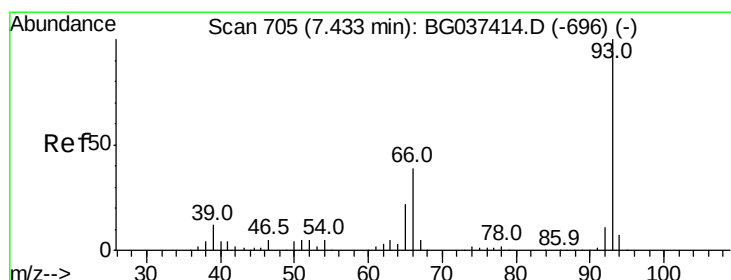
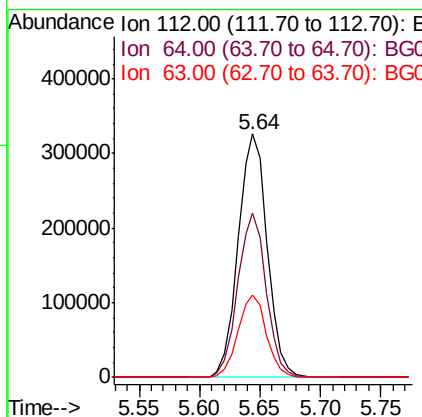
BNA_G

ClientSampleId :

PB114248BS

Manual Integrations
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#6

Aniline

Concen: 35.041 ng

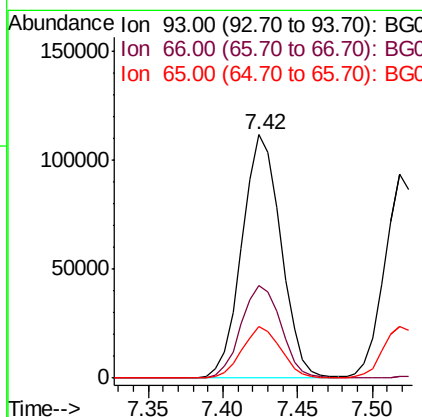
RT: 7.42 min Scan# 704

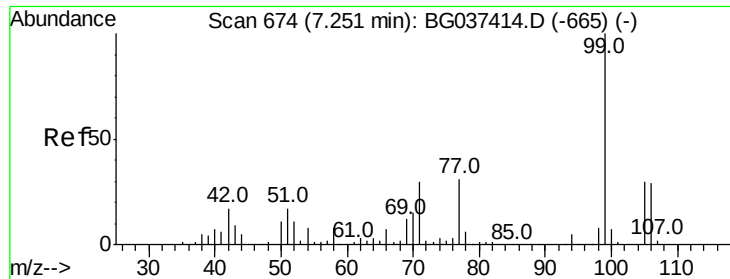
Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Tgt Ion:	93	Resp:	201695
Ion Ratio	Lower	Upper	
93	100		
66	38.2	32.8	49.2
65	21.4	16.4	24.6





#7

Phenol-d6

Concen: 163.335 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

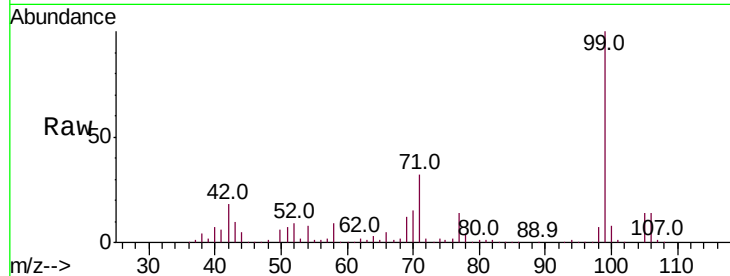
ClientSampled :

PB114248BS

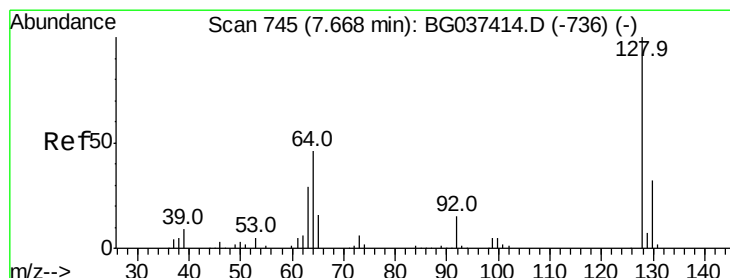
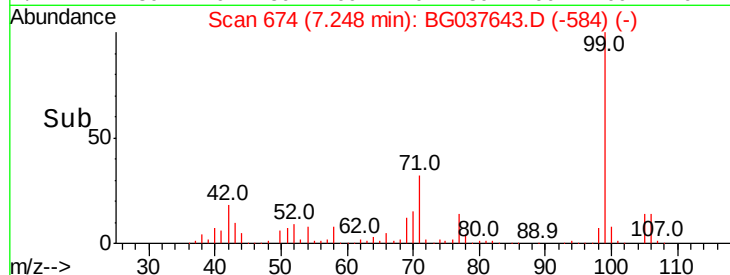
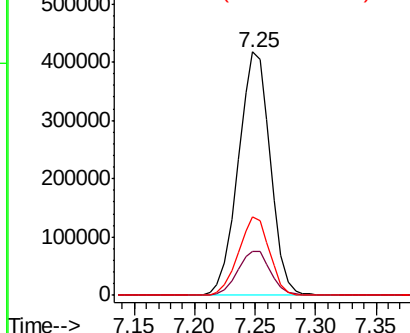
Tot Ion:	99	Resp:	770648
Ion Ratio	Lower	Upper	
99	100		
42	18.2	15.0	22.4
71	32.1	25.5	38.3

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



#8

2-Chlorophenol

Concen: 45.846 ng

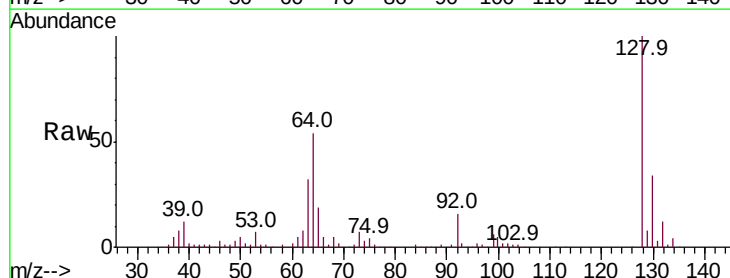
RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

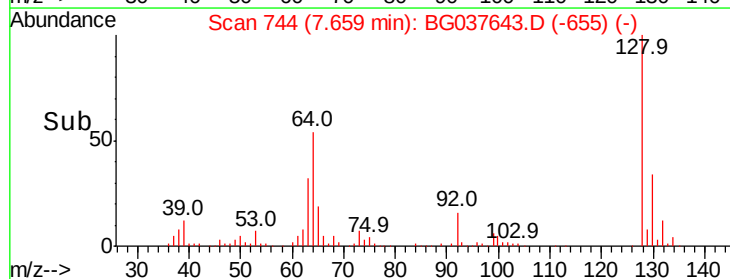
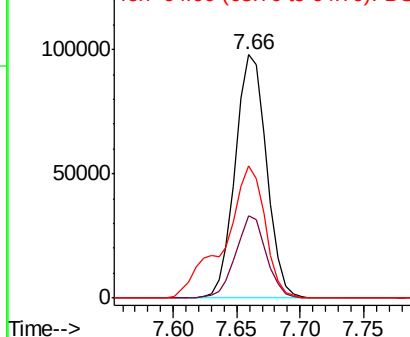
Lab File: BG037643.D

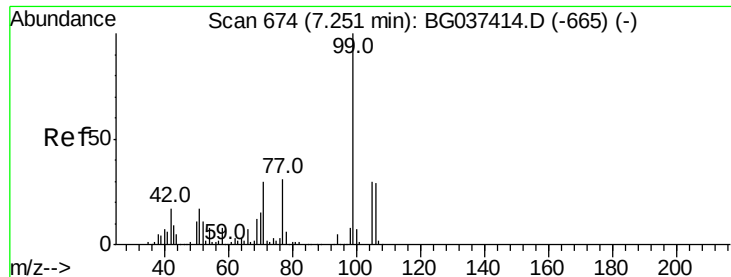
Acq: 30 Oct 2018 4:16

Tgt Ion:	128	Resp:	167348
Ion Ratio	Lower	Upper	
128	100		
130	33.6	12.0	52.0
64	54.2	32.9	72.9



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





#9

Benzaldehyde

Concen: 45.210 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

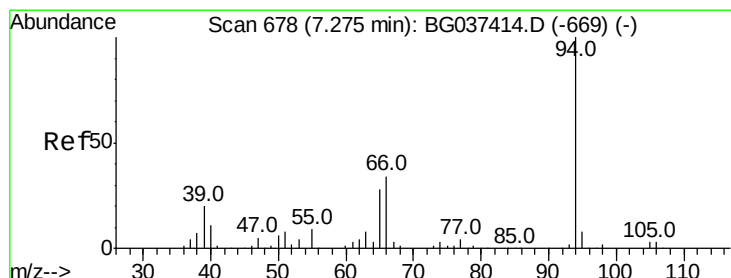
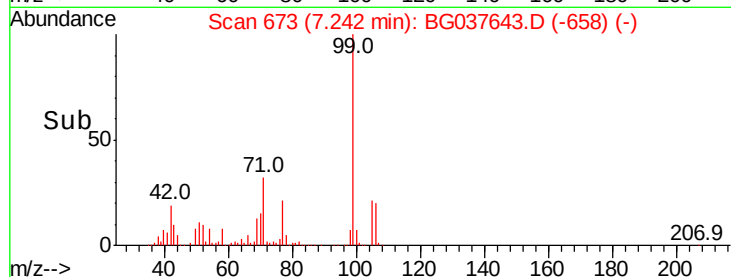
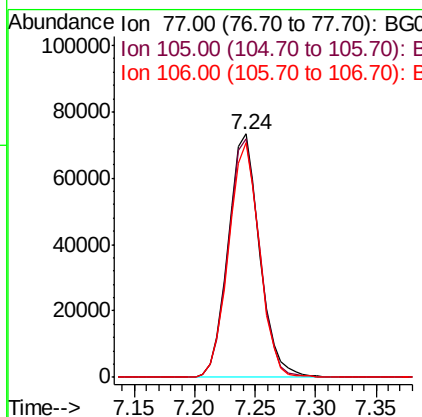
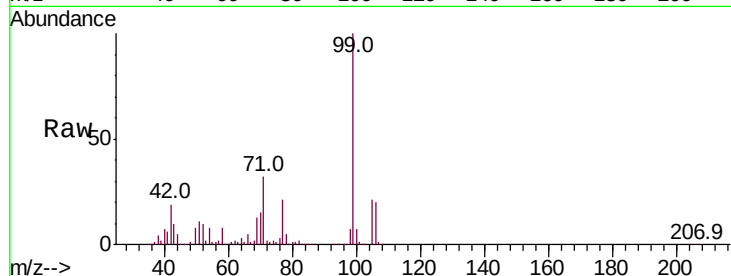
ClientSampled :

PB114248BS

Tot Ion:	77	Resp:	133435
Ion Ratio	Lower	Upper	
77	100		
105	98.1	72.6	112.6
106	96.6	71.3	111.3

Manual Integrations
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#10

Phenol

Concen: 45.764 ng

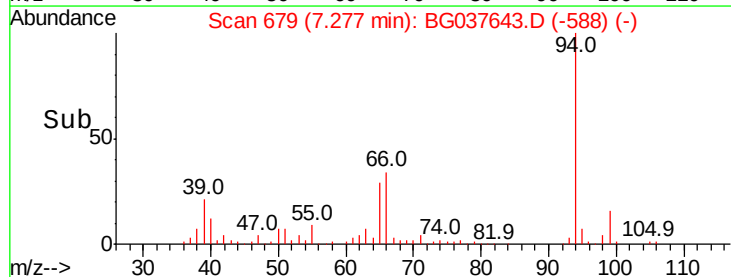
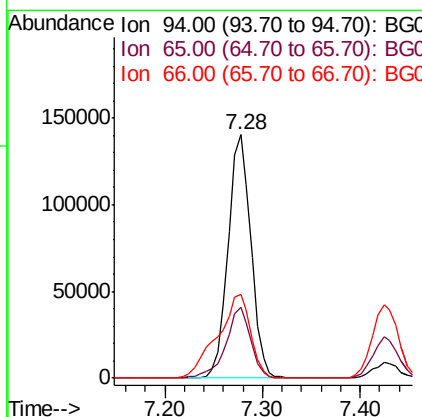
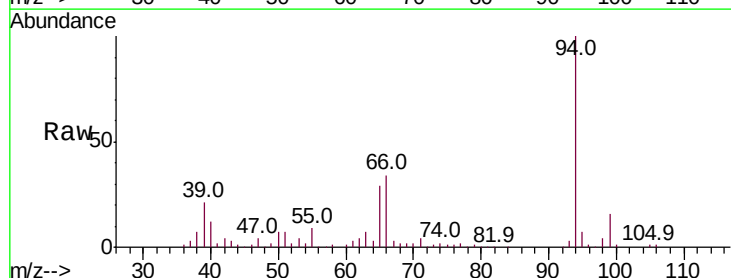
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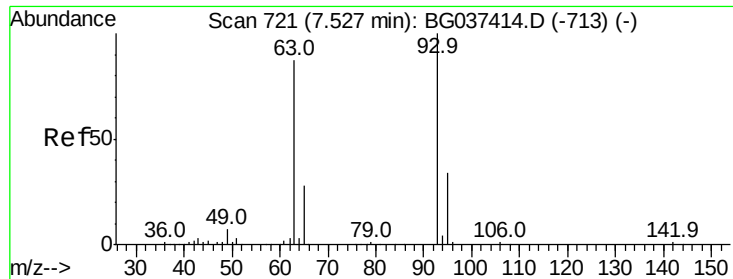
Delta R.T. 0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Tgt Ion:	94	Resp:	227821
Ion Ratio	Lower	Upper	
94	100		
65	29.2	9.7	49.7
66	34.3	15.9	55.9





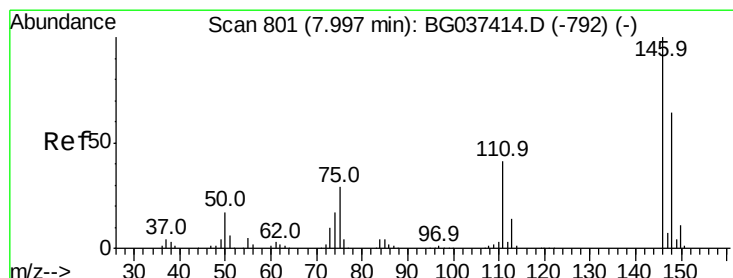
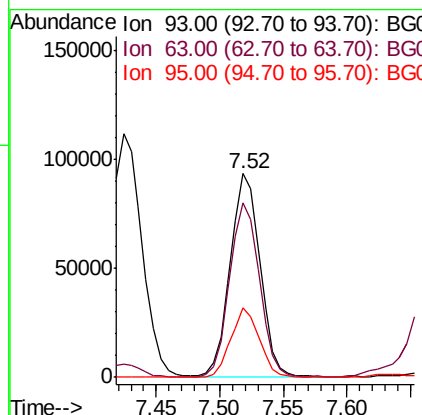
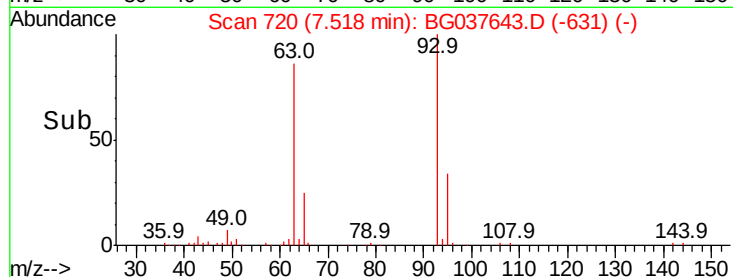
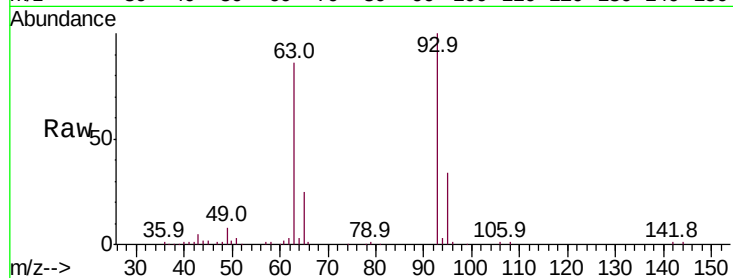
#11
bis(2-Chloroethyl)ether
Concen: 40.588 ng
RT: 7.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion:	93	Resp:	153460
Ion	Ratio	Lower	Upper
93	100		
63	85.6	69.5	109.5
95	33.9	12.6	52.6

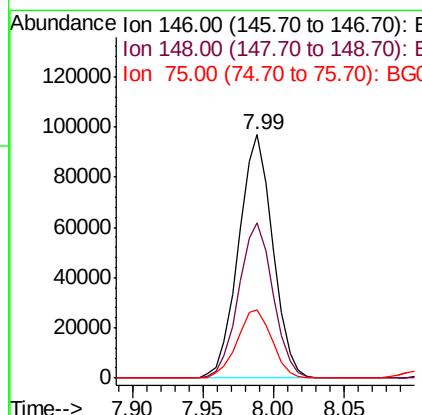
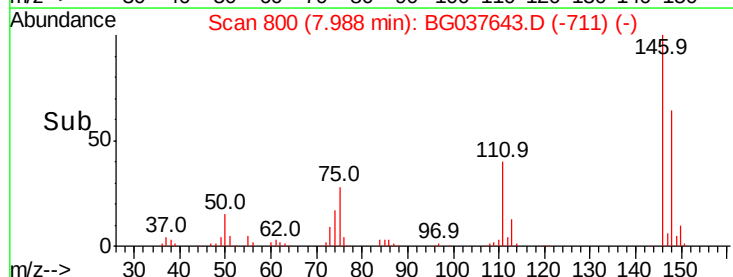
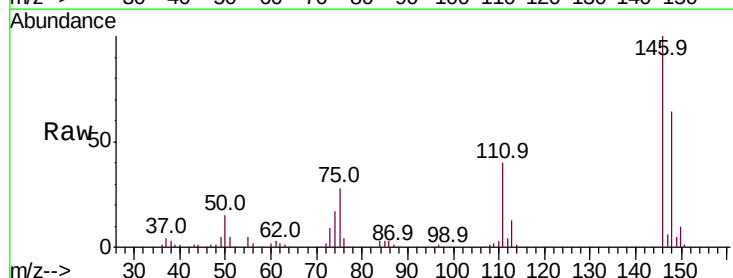
Manual Integrations
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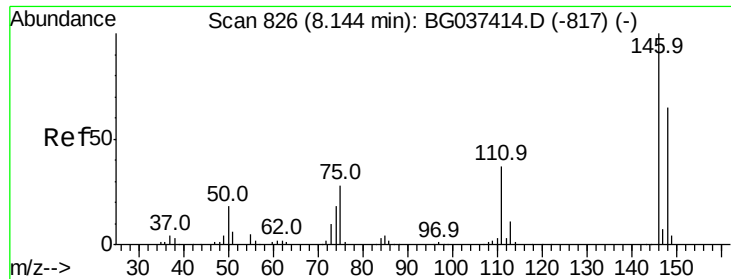
Sohil
10/30/2018 5:50:31 PM



#12
1,3-Dichlorobenzene
Concen: 40.363 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion:	146	Resp:	164023
Ion	Ratio	Lower	Upper
146	100		
148	63.6	49.8	74.8
75	27.8	23.2	34.8





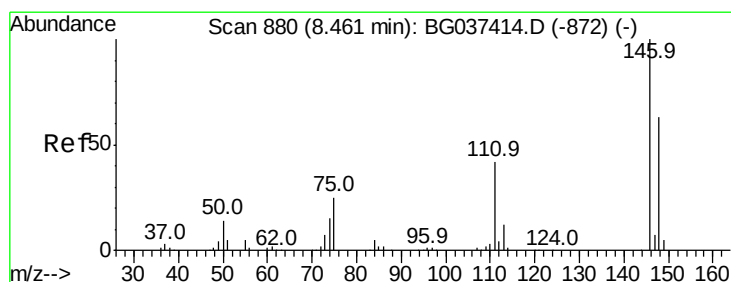
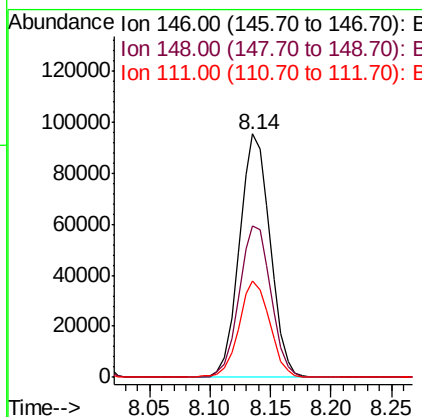
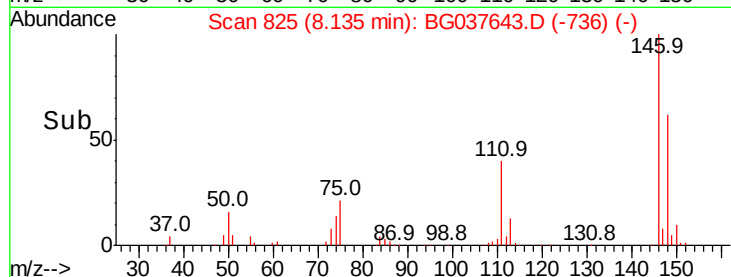
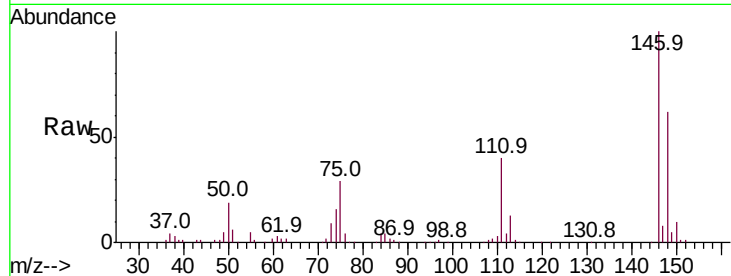
#13
 1,4-Dichlorobenzene
 Concen: 40.606 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114248BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.0	76.6
111	39.6	32.4	48.6

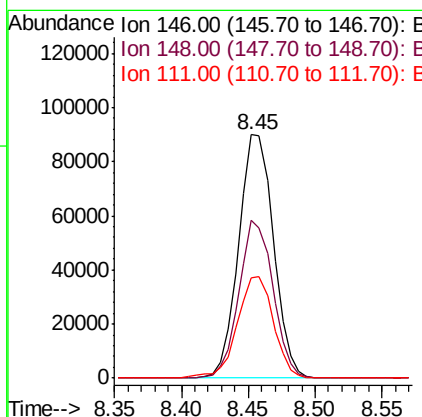
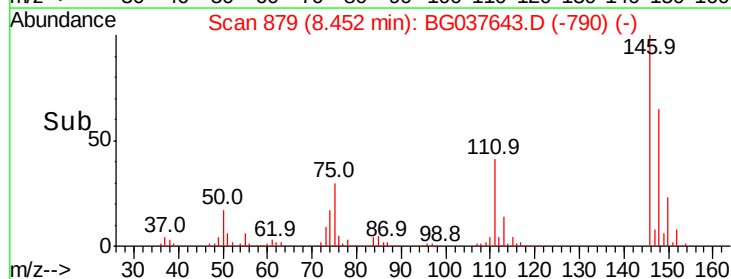
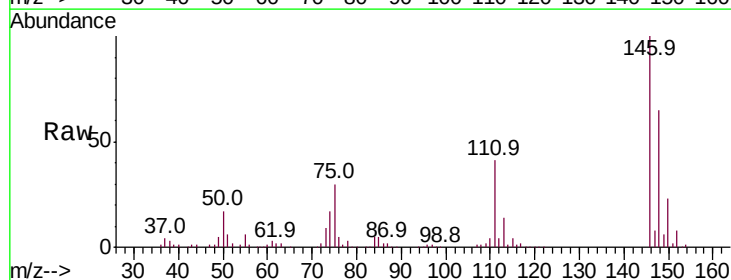
Manual Integrations
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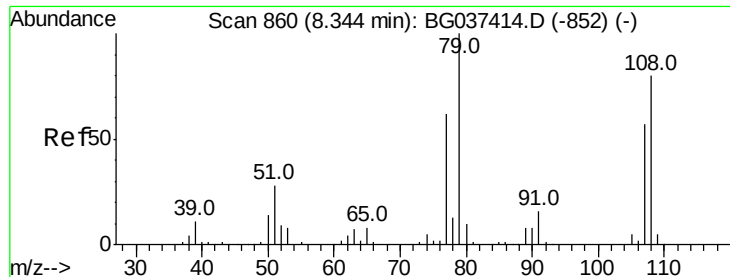
Sohil
 10/30/2018 5:50:31 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.697 ng
 RT: 8.45 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.4	75.6
111	41.1	34.6	51.8





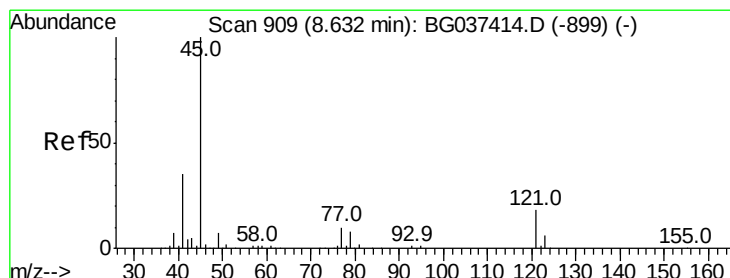
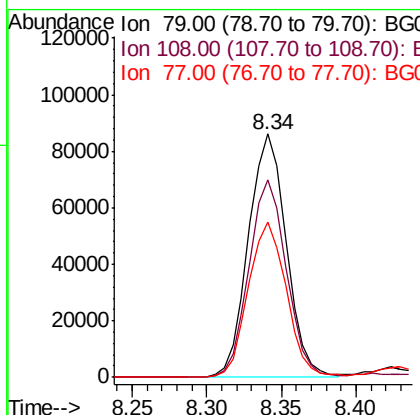
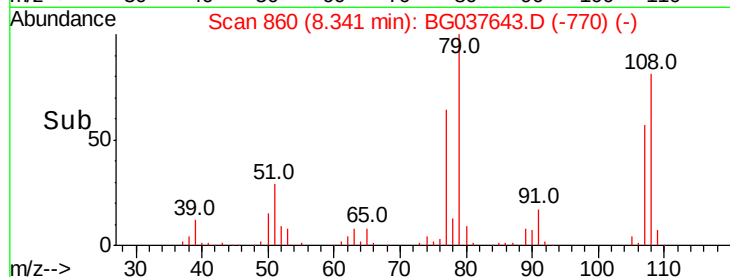
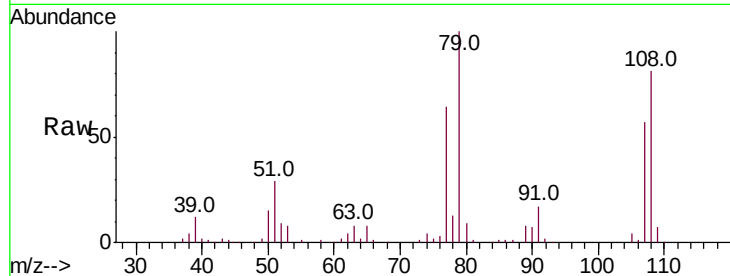
#15
Benzyl Alcohol
Concen: 43.327 ng
RT: 8.34 min Scan# 860
Delta R.T. -0.00 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.2	65.8	98.8
77	63.5	52.9	79.3

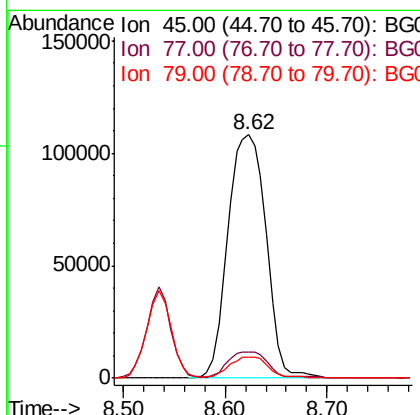
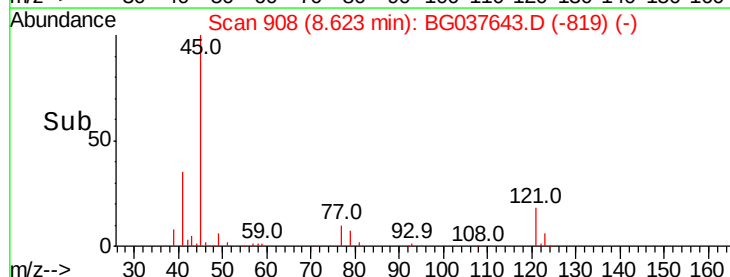
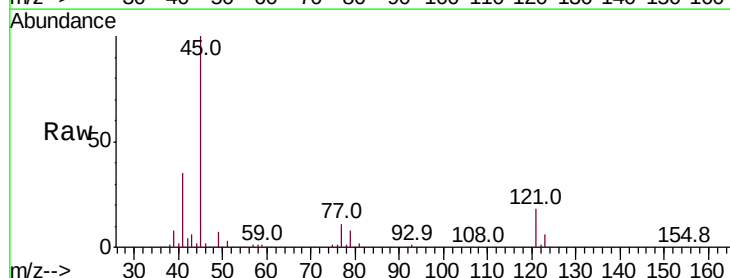
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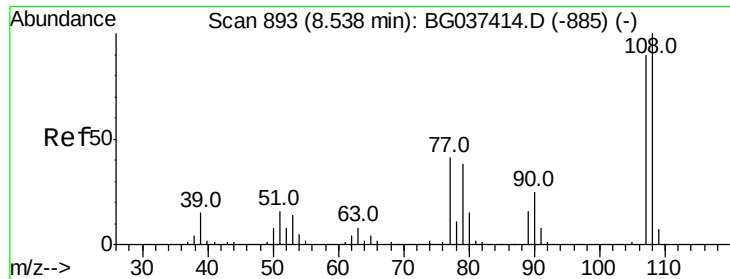
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.639 ng
RT: 8.62 min Scan# 908
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.7	0.0	30.0
79	8.4	0.0	29.0





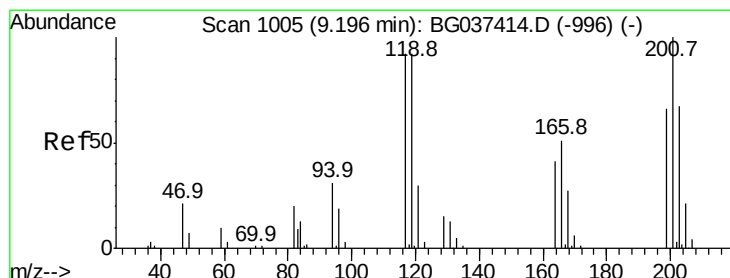
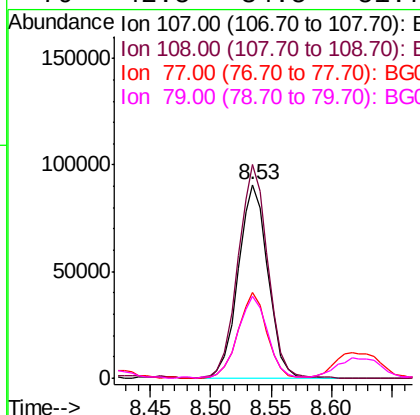
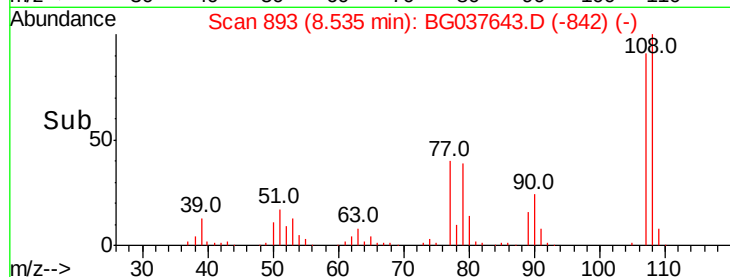
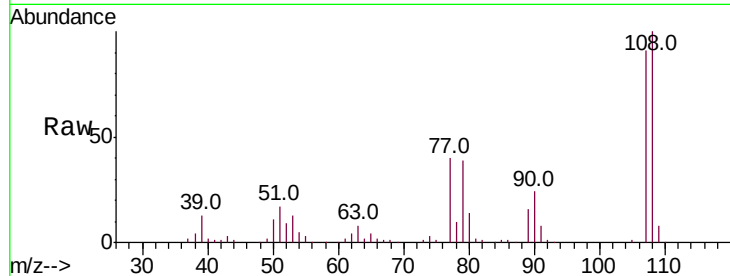
#17
2-Methylphenol
Concen: 47.337 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.2	87.9	131.9	
77	44.5	35.1	52.7	
79	42.5	34.5	51.7	

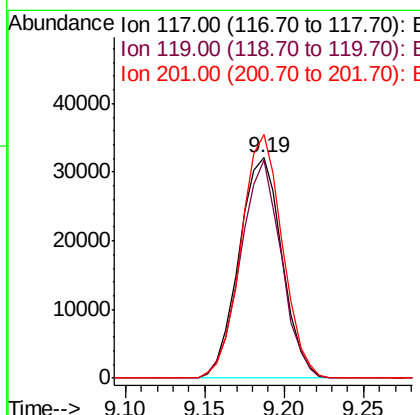
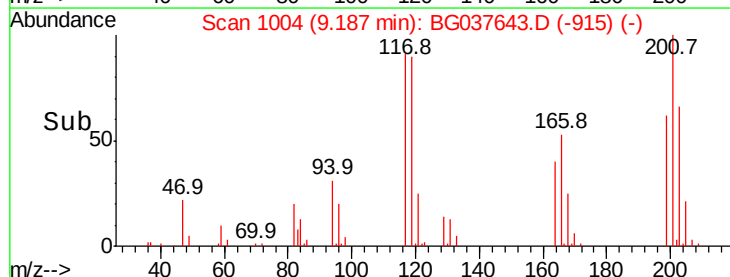
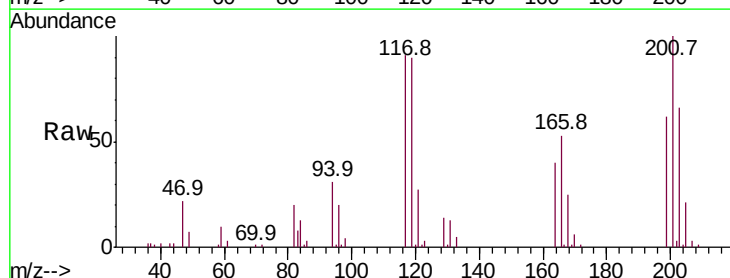
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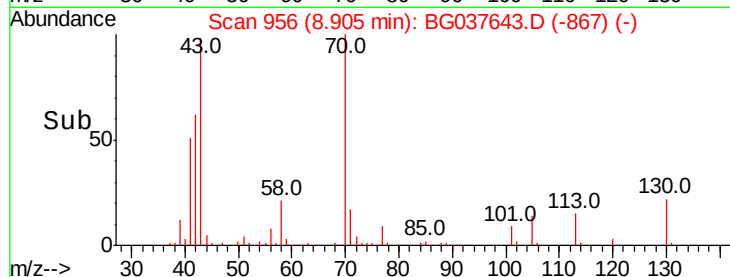
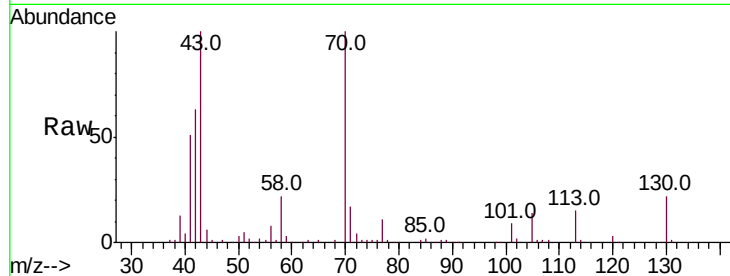
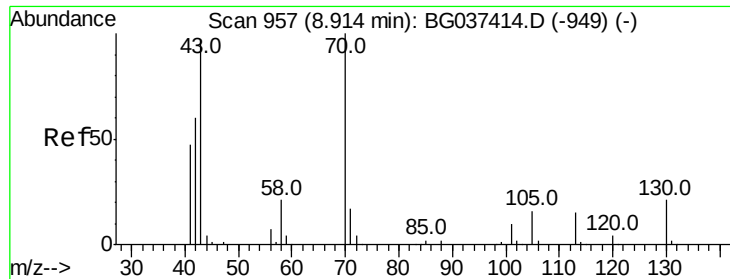
Sohil
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#18
Hexachloroethane
Concen: 42.730 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.1	74.6	111.8	
201	110.5	80.8	121.2	





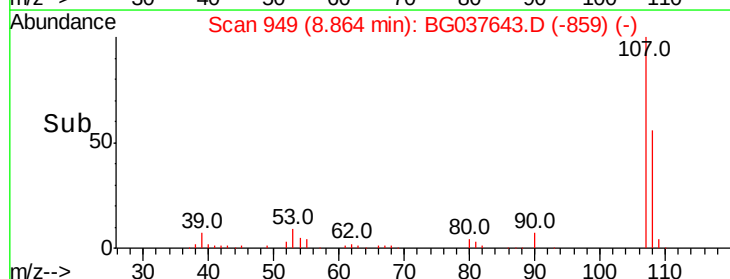
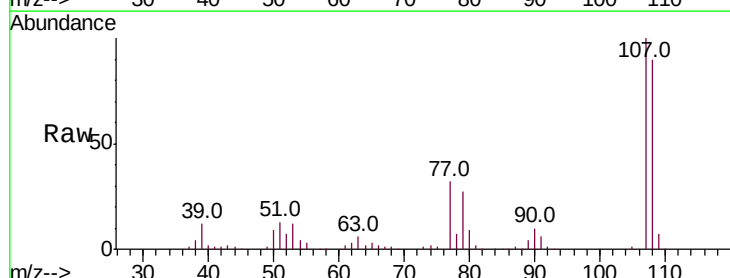
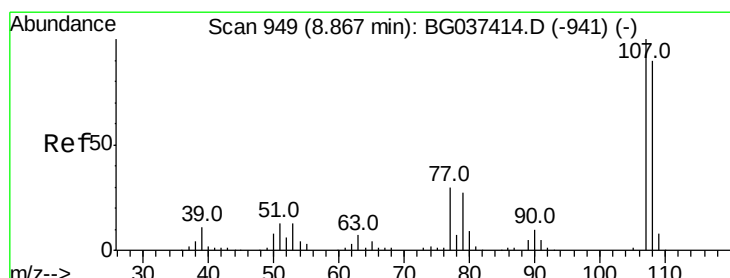
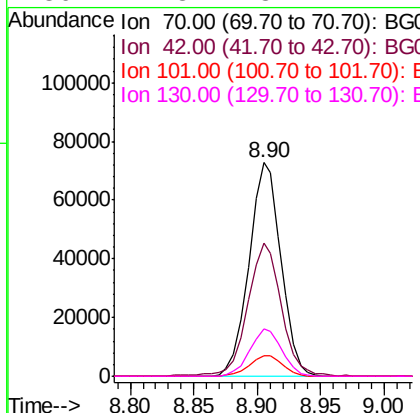
#19
n-Nitroso-di-n-propylamine
Concen: 39.155 ng
RT: 8.90 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.6	53.9	80.9	
101	9.5	8.2	12.2	
130	22.3	18.2	27.4	

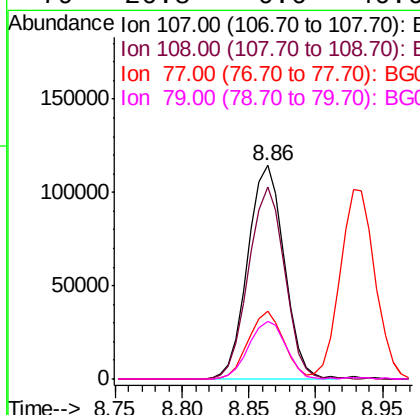
Manual Integrations
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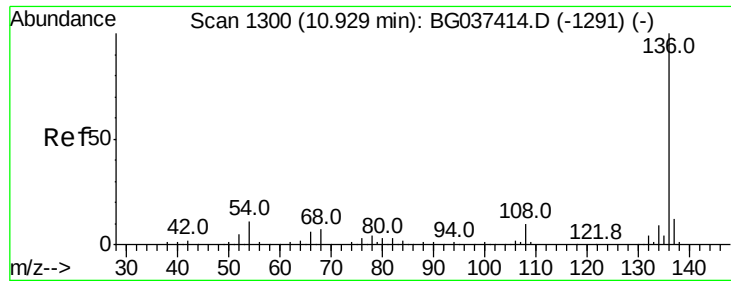
Sohil
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#20
3+4-Methylphenols
Concen: 45.953 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.8	69.9	109.9	
77	31.7	11.2	51.2	
79	26.8	6.6	46.6	





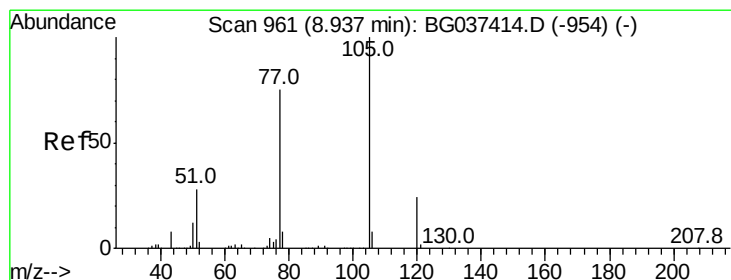
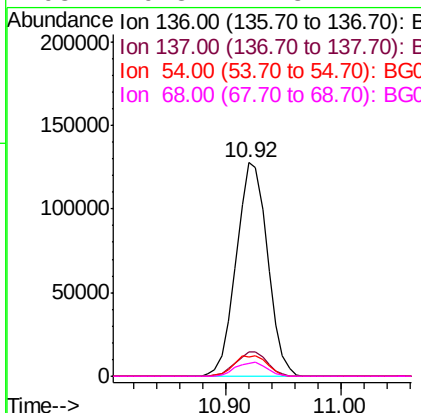
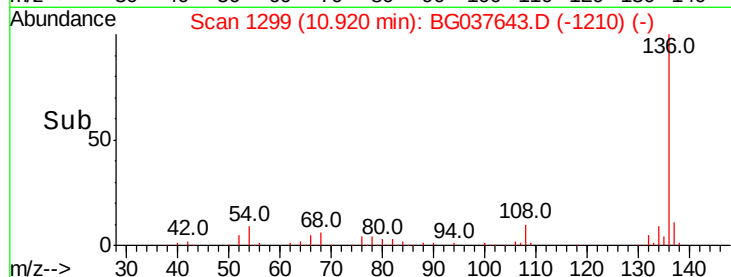
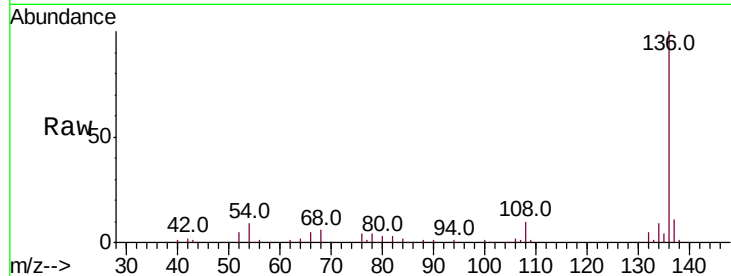
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	240634		
137	11.1	9.6	14.4	
54	9.3	7.9	11.9	
68	6.3	4.8	7.2	

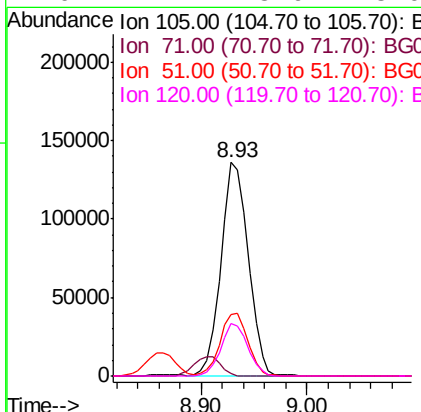
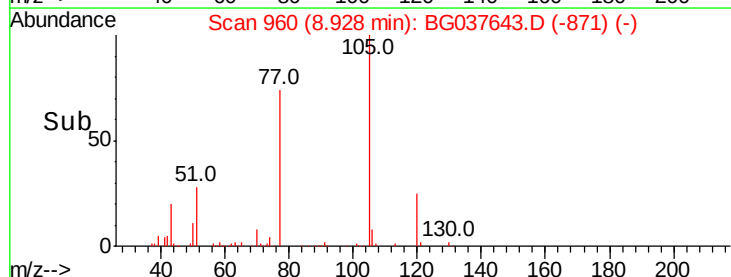
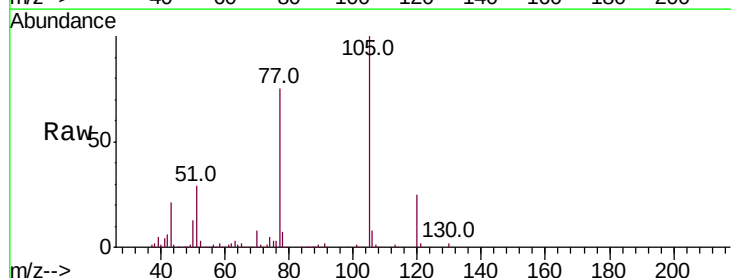
Manual Integrations
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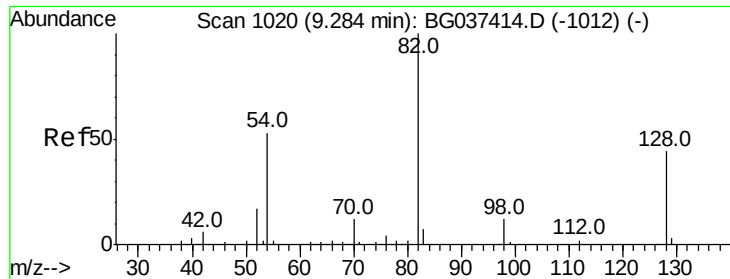
Sohil
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#22
Acetophenone
Concen: 40.522 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	244547		
71	1.4	1.2	1.8	
51	28.9	25.0	37.6	
120	24.7	18.6	28.0	





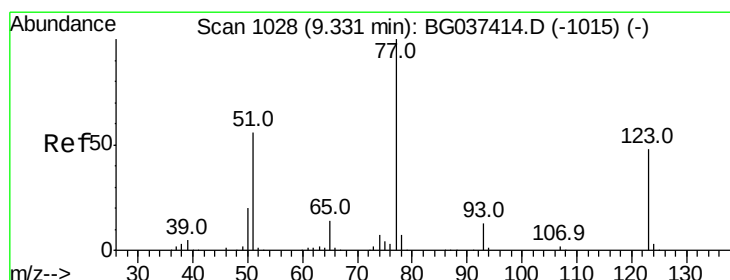
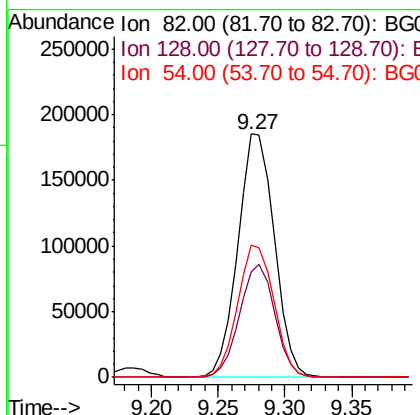
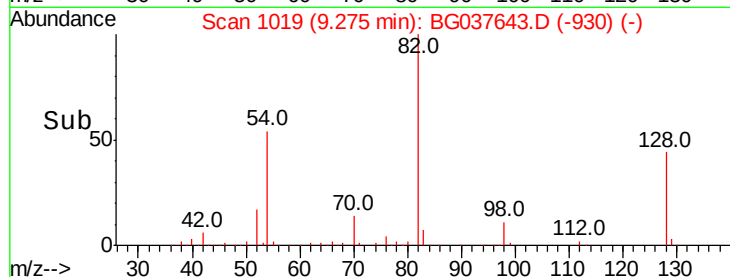
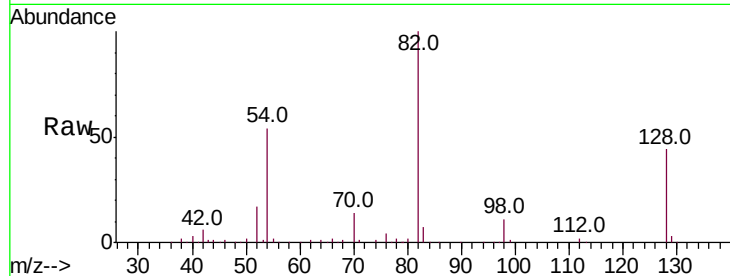
#23
 Nitrobenzene-d5
 Concen: 81.961 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

Instrument :
 BNA_G
 ClientSampleID :
 PB114248BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	51.8
54	54.3	45.3	67.9

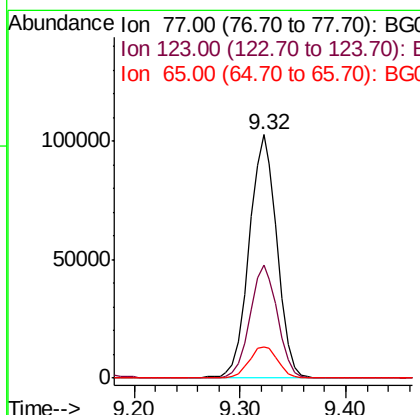
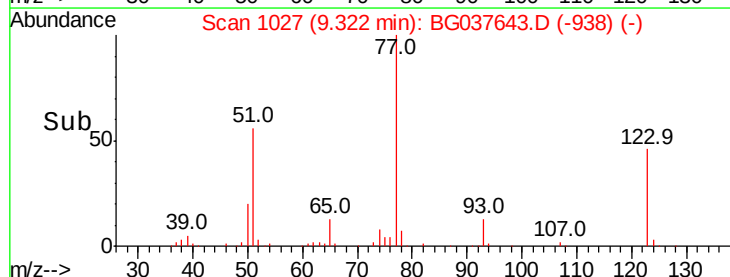
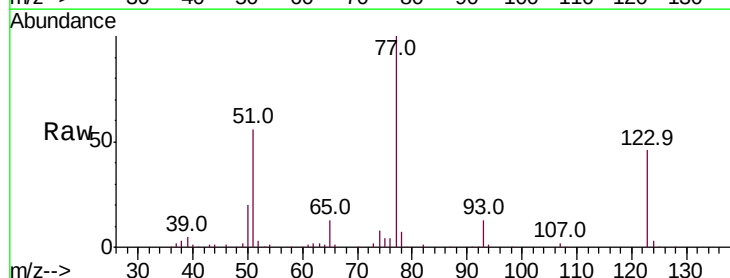
Manual Integrations
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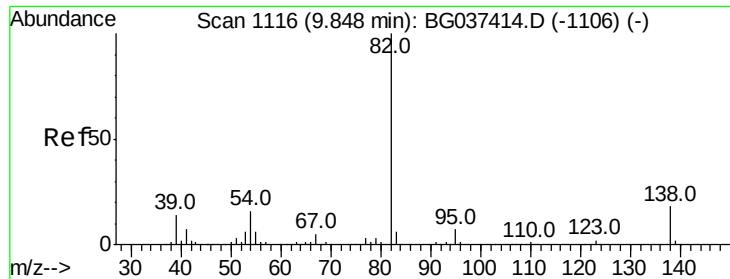
Sohil
 10/30/2018 5:50:31 PM



#24
 Nitrobenzene
 Concen: 42.053 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.5	33.6	50.4
65	13.0	11.3	16.9





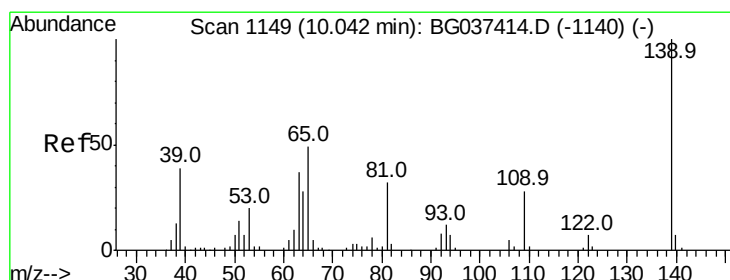
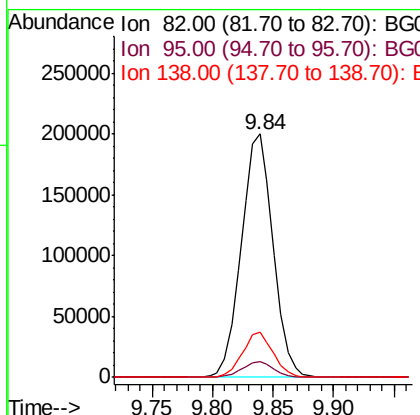
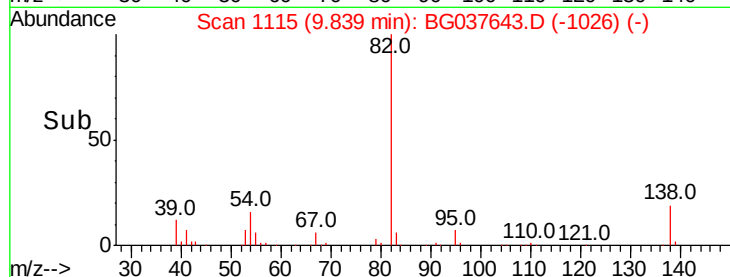
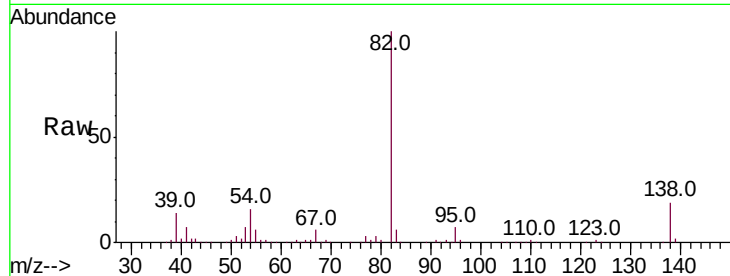
#25
Isophorone
Concen: 46.467 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.3	7.9
138	18.7	13.3	19.9

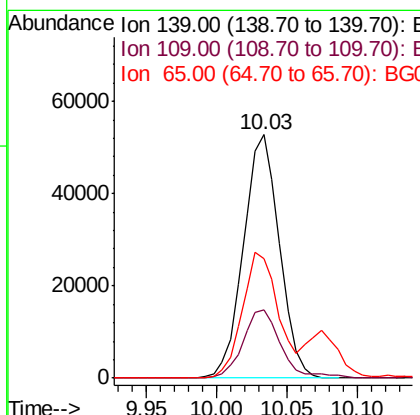
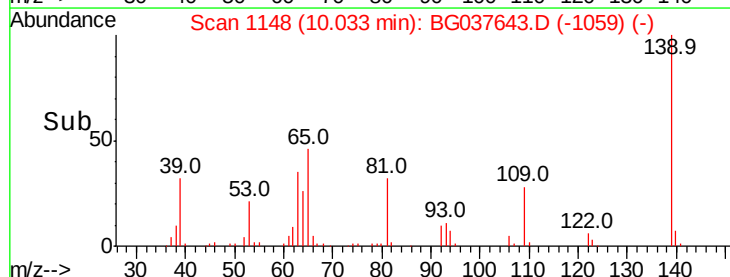
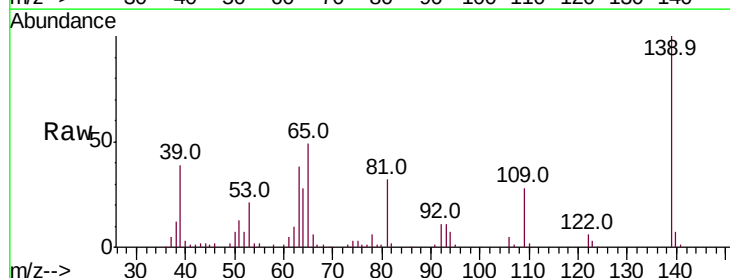
Manual Integrations
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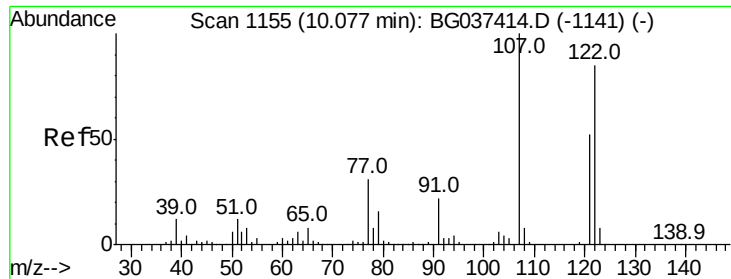
Sohil
10/30/2018 5:50:31 PM



#26
2-Nitrophenol
Concen: 46.766 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.0	23.3	34.9
65	49.2	39.8	59.8





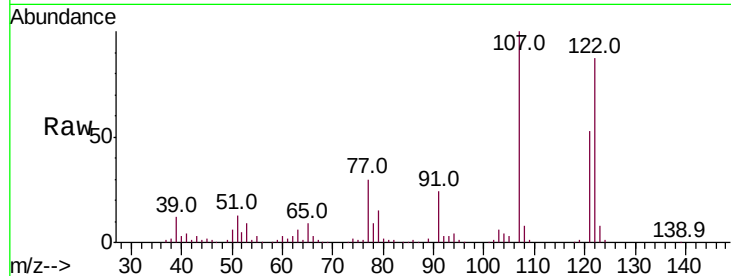
#27
2,4-Dimethylphenol
Concen: 50.660 ng
RT: 10.07 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Instrument :
BNA_G
ClientSampled :
PB114248BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		181838		
107	115.3	94.2	141.2		
121	61.0	47.3	70.9		

Manual Integrations
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10/30/2018 5:50:31 PM

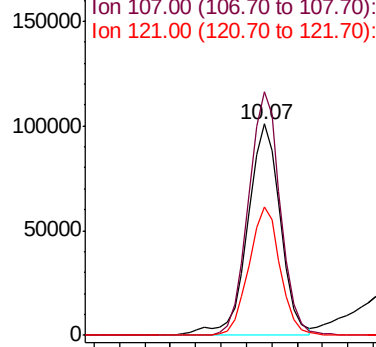


Abundance

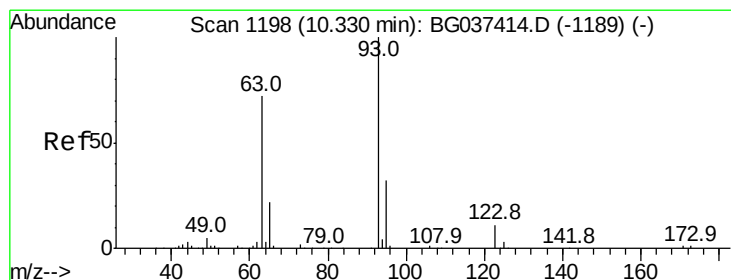
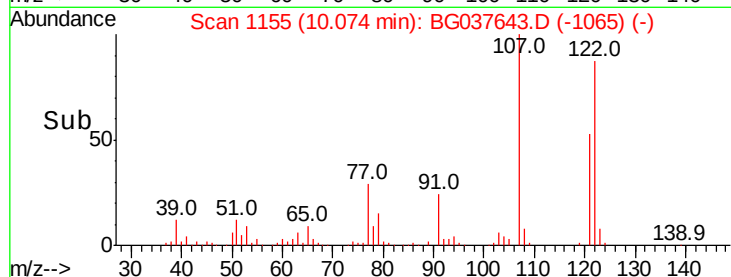
Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

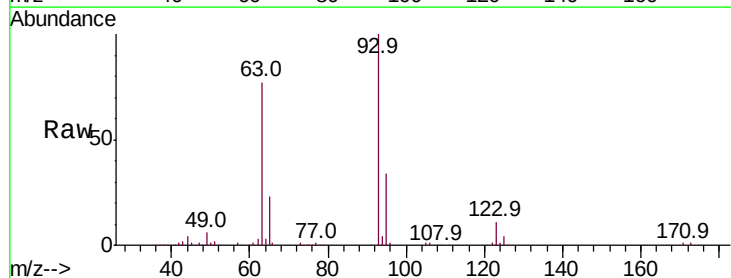


Time-->



#28
bis(2-Chloroethoxy)methane
Concen: 43.458 ng
RT: 10.32 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		223476		
95	33.6	24.6	37.0		
123	11.5	9.1	13.7		

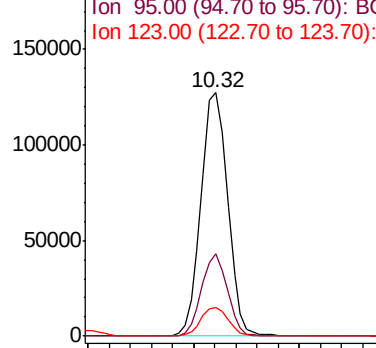


Abundance

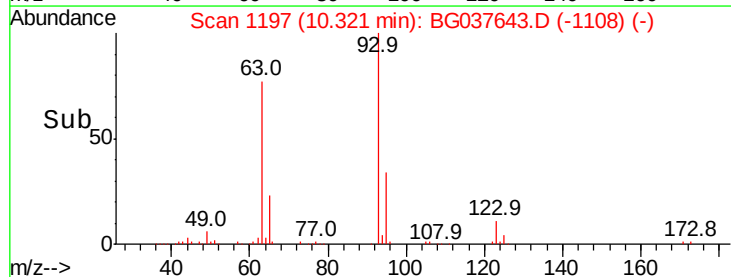
Ion 93.00 (92.70 to 93.70): BGC

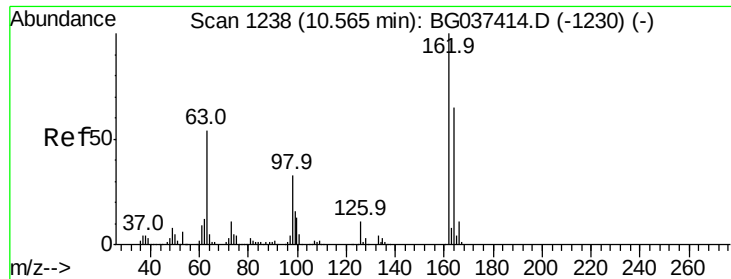
Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E



Time-->





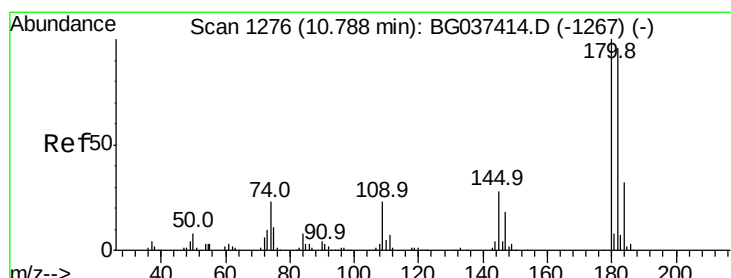
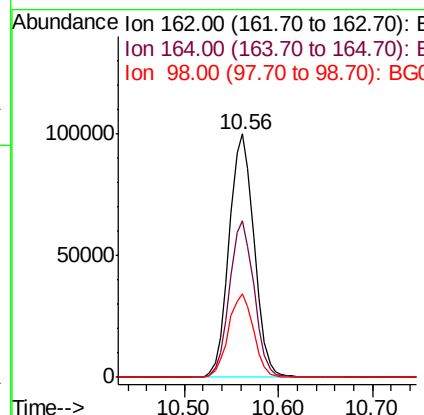
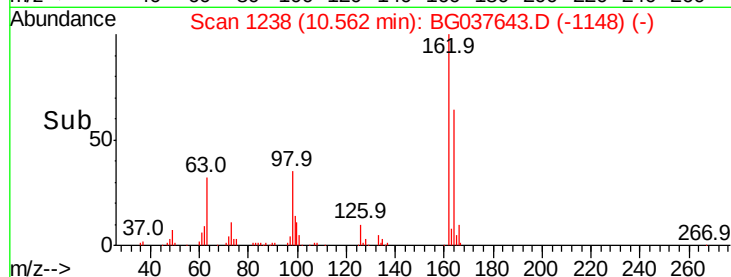
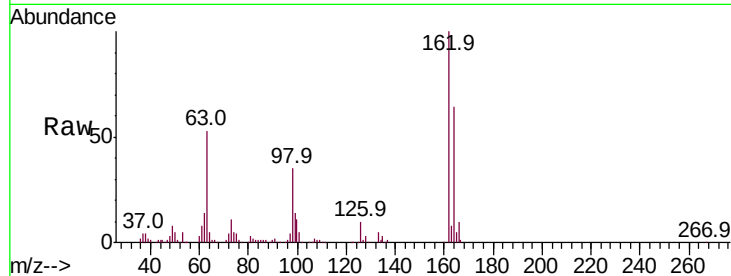
#29
2,4-Dichlorophenol
Concen: 46.272 ng
RT: 10.56 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Instrument :
BNA_G
ClientSampled :
PB114248BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.1	43.2	83.2
98	34.5	16.0	56.0

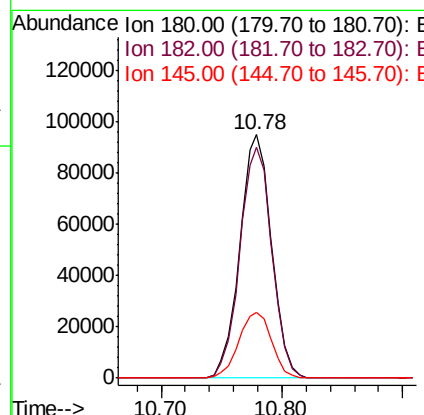
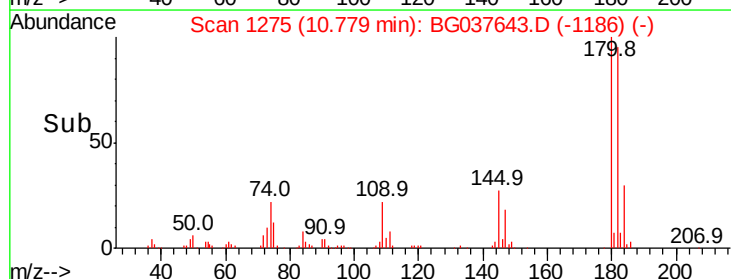
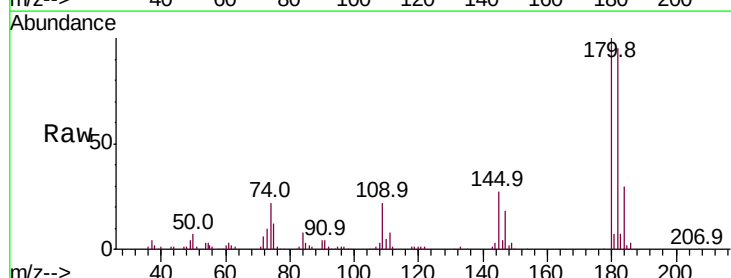
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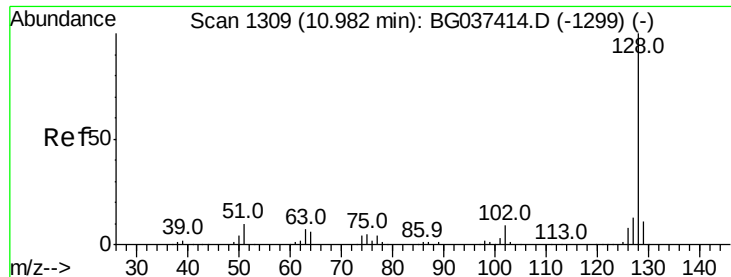
Sohil
10/30/2018 5:50:31 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.792 ng
RT: 10.78 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.8	77.7	116.5
145	27.0	23.3	34.9





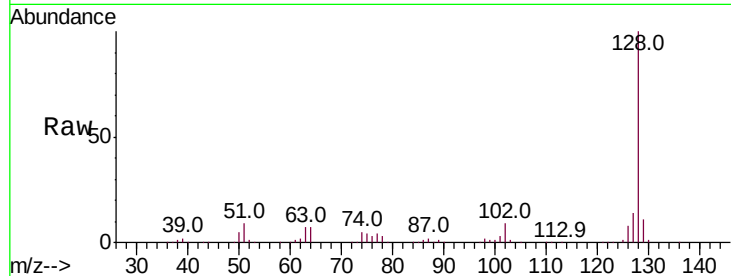
#31
Naphthalene
Concen: 44.115 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Instrument :
BNA_G
ClientSampleId :
PB114248BS

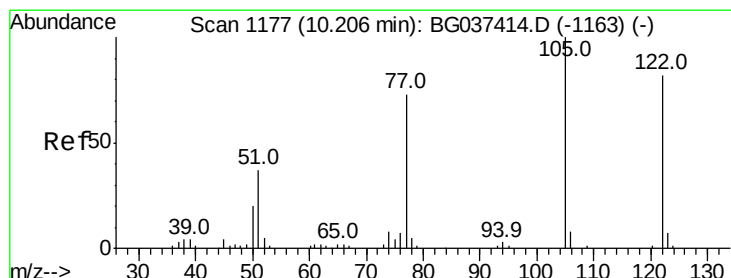
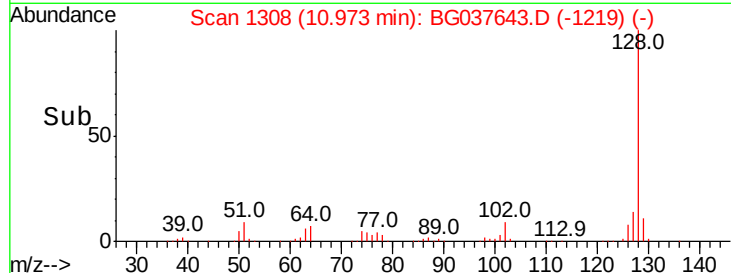
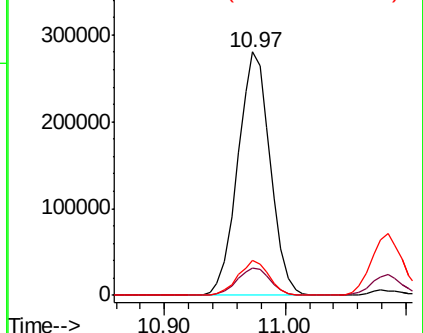
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	14.3	11.1	16.7

Manual Integrations
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Sohil
10/30/2018 5:50:31 PM

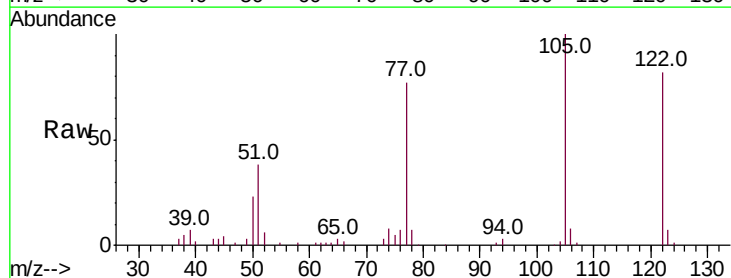


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

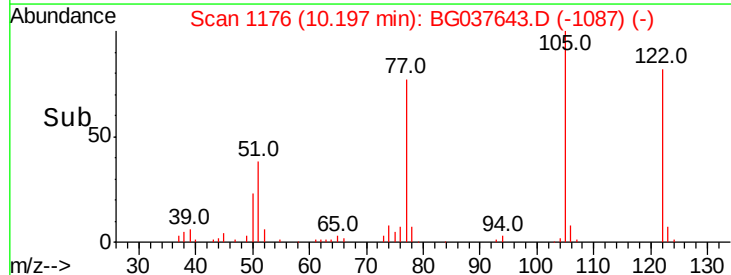
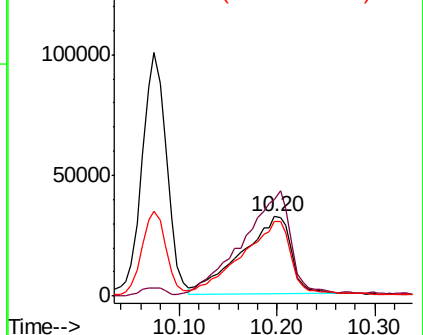


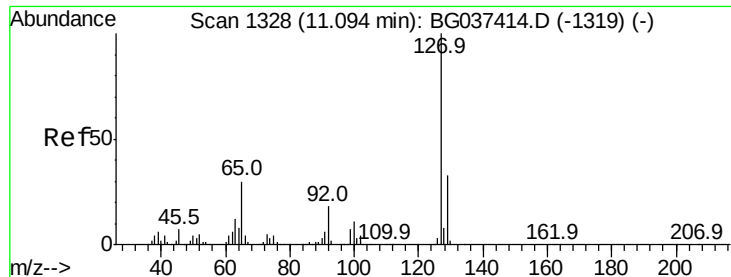
#32
Benzoic acid
Concen: 49.179 ng
RT: 10.20 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.9	106.7	146.7
77	93.6	72.2	112.2



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





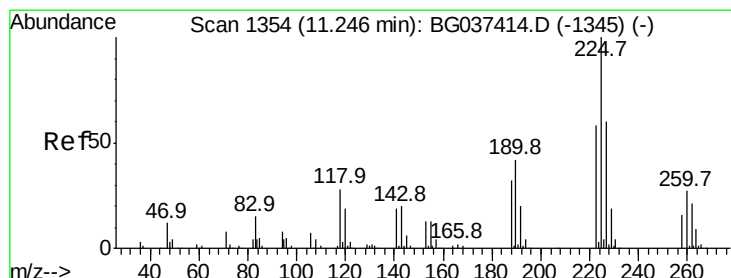
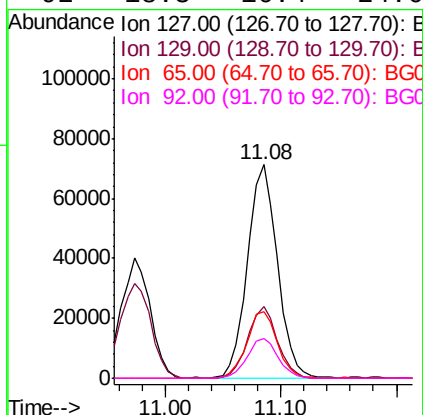
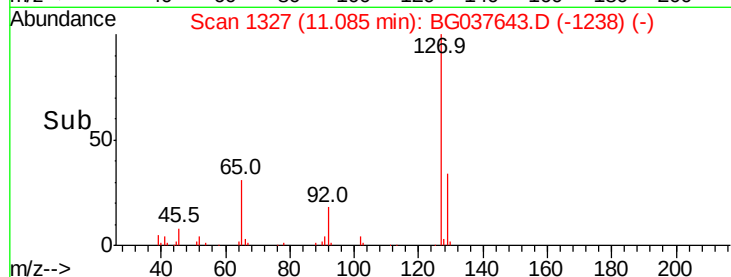
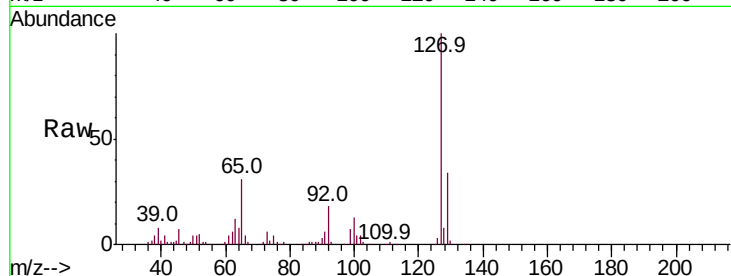
#33
4-Chloroaniline
Concen: 23.338 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	33.7	27.1	40.7
65	31.0	26.6	39.8
92	18.3	16.4	24.6

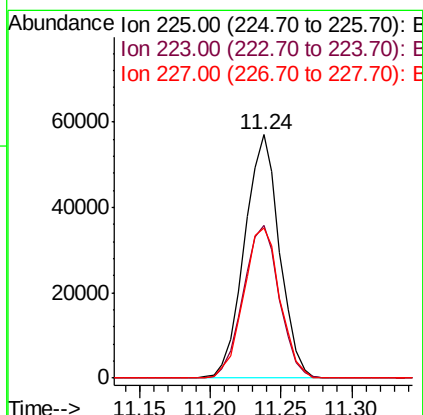
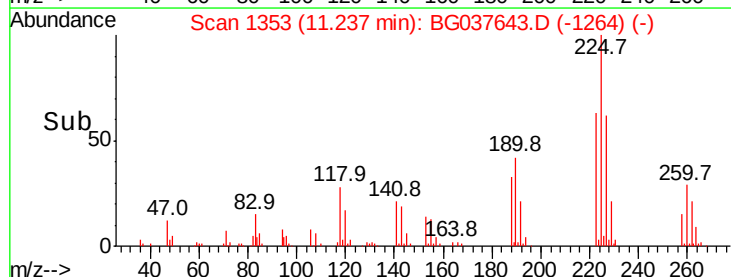
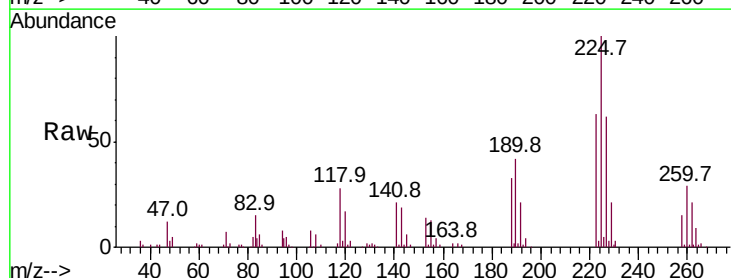
Manual Integrations
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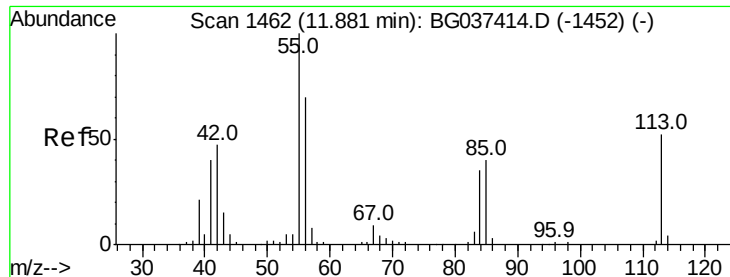
Sohil
10/30/2018 5:50:31 PM



#34
Hexachlorobutadiene
Concen: 38.388 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	60.2	48.2	72.4
227	62.2	51.6	77.4





#35

Caprolactam

Concen: 43.699 ng/mL

RT: 11.87 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

ClientSampled :

PB114248BS

Tot Ion:113 Resp: 70042

Ion Ratio Lower Upper

113 100

55 181.0 176.6 216.6

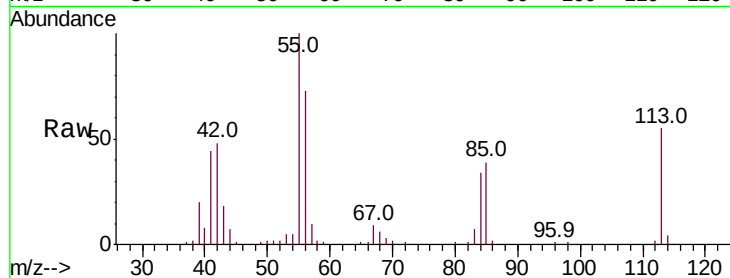
56 133.0 128.3 168.3

Manual Integrations

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Sohil

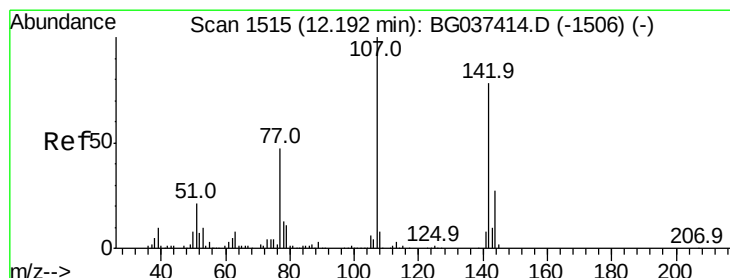
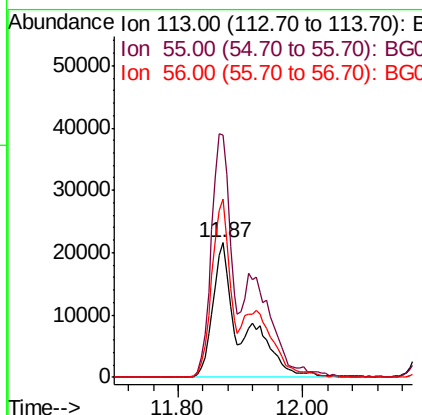
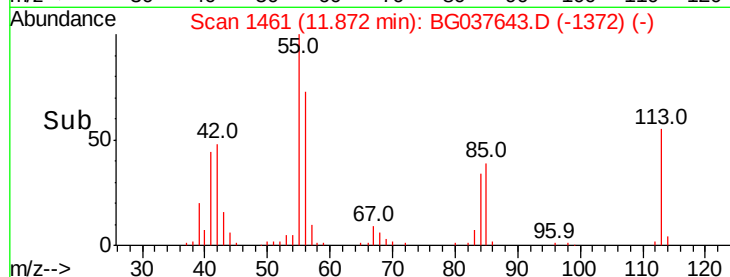
10/30/2018 5:50:31 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG037643.D (-1452) (-)

Ion 56.00 (55.70 to 56.70): BG037643.D (-1452) (-)



#36

4-Chloro-3-methylphenol

Concen: 45.125 ng/mL

RT: 12.19 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

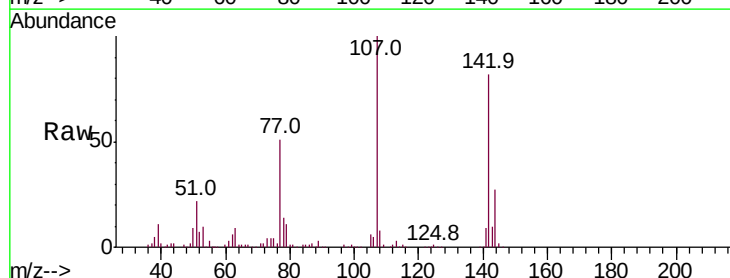
Tgt Ion:107 Resp: 203382

Ion Ratio Lower Upper

107 100

144 27.5 20.7 31.1

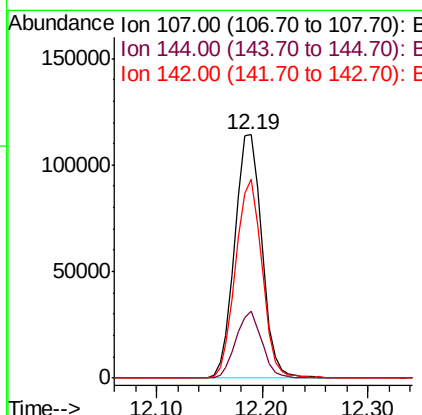
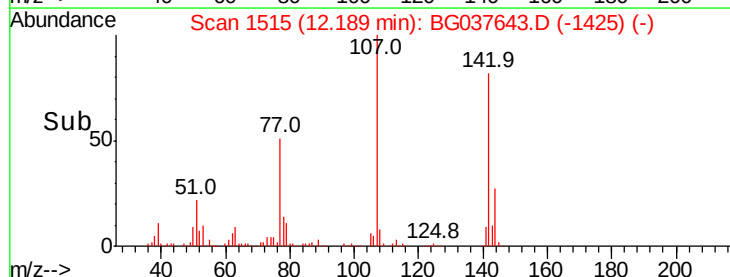
142 81.7 64.4 96.6

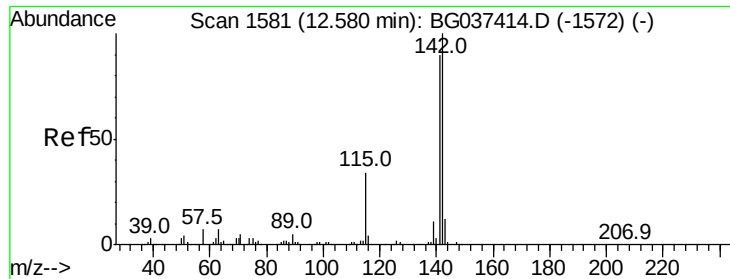


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





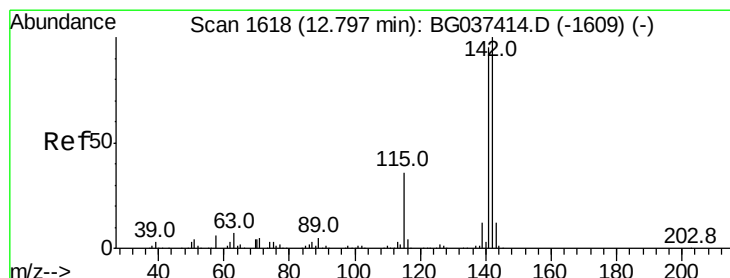
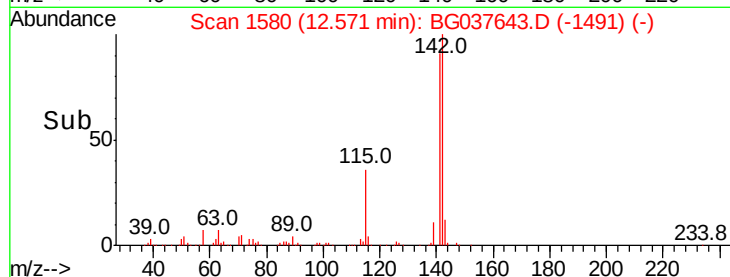
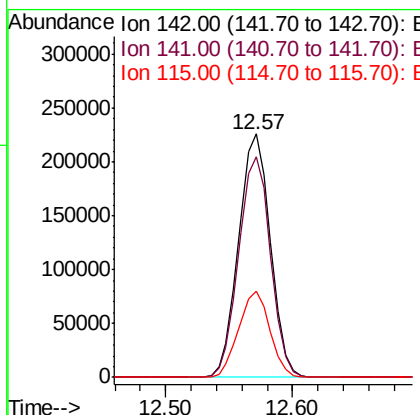
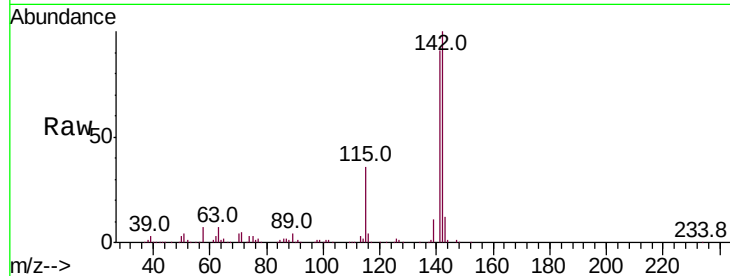
#37
2-Methylnaphthalene
Concen: 45.453 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	391612		
141	90.7	71.9	107.9	
115	35.6	27.8	41.8	

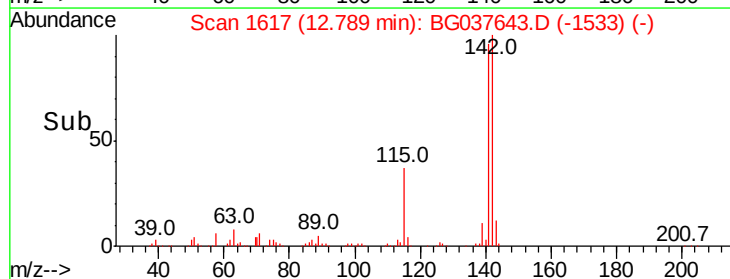
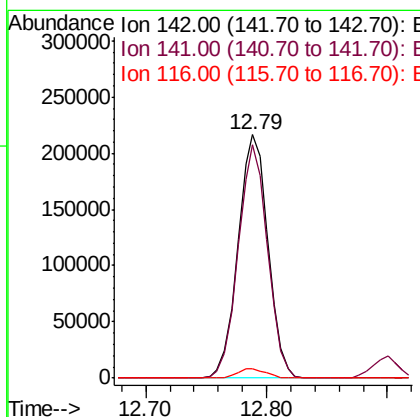
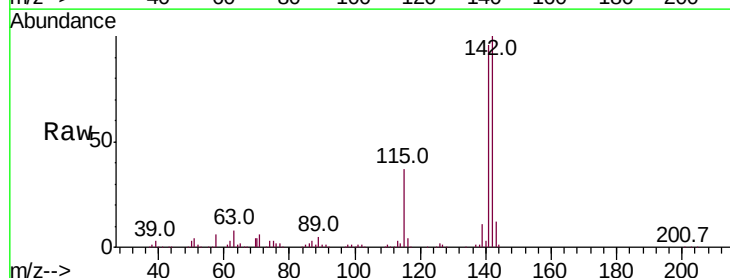
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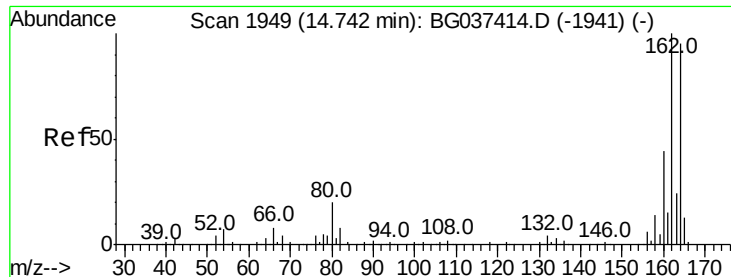
Sohil
10/30/2018 5:50:31 PM



#38
1-Methylnaphthalene
Concen: 44.671 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	373775		
141	95.9	75.2	112.8	
116	4.1	3.3	4.9	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

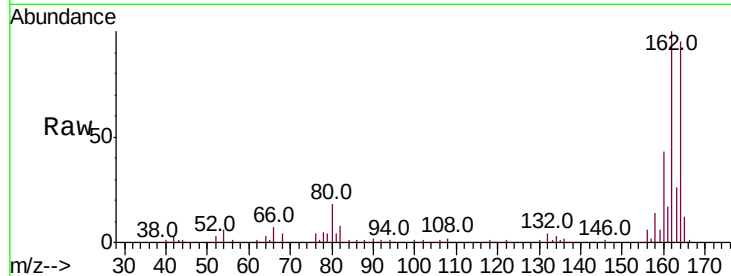
ClientSampleId :

PB114248BS

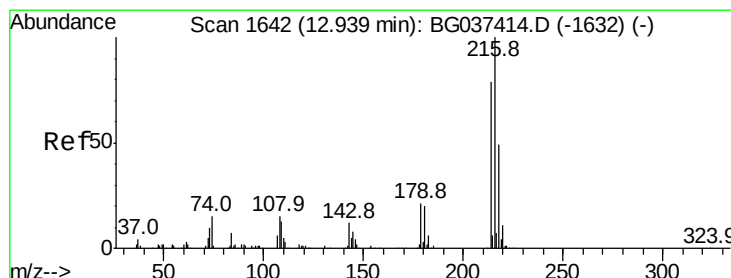
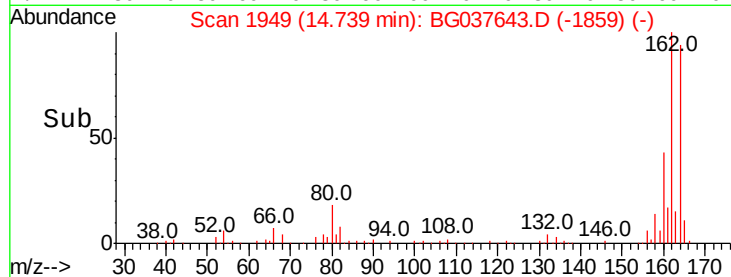
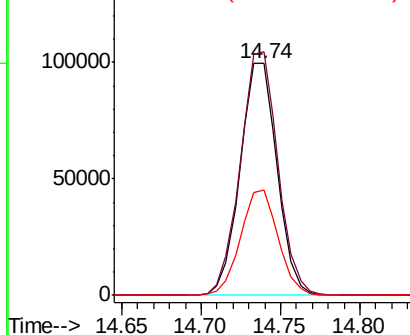
Tot Ion:	164	Resp:	161278
Ion Ratio	Lower	Upper	
164	100		
162	105.0	81.3	121.9
160	45.5	36.3	54.5

Manual Integrations
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10/30/2018 5:50:31 PM



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.394 ng

RT: 12.93 min Scan# 1641

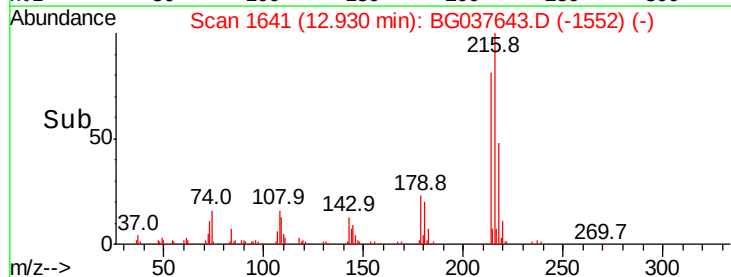
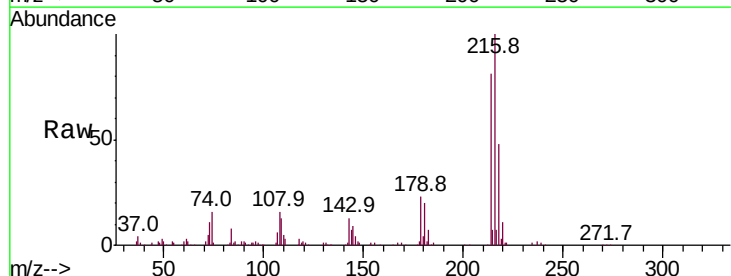
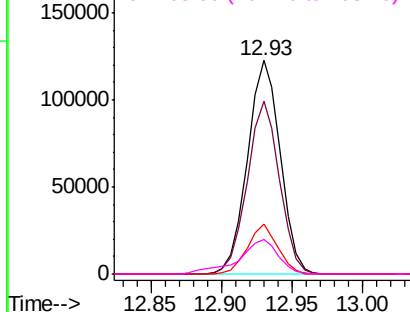
Delta R.T. -0.01 min

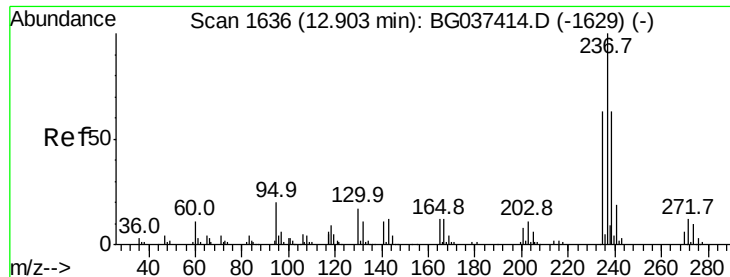
Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Tgt Ion:	216	Resp:	199729
Ion Ratio	Lower	Upper	
216	100		
214	79.8	63.8	95.6
179	21.4	17.4	26.0
108	19.3	13.9	20.9

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 99.971 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

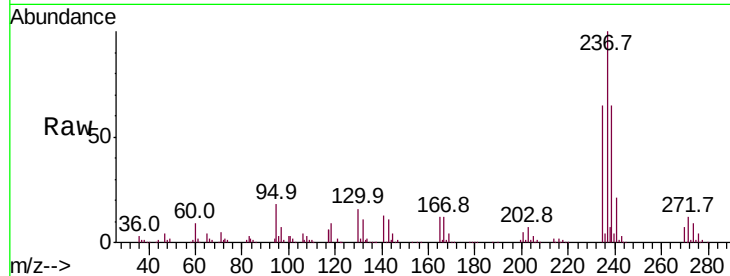
ClientSampleId :

PB114248BS

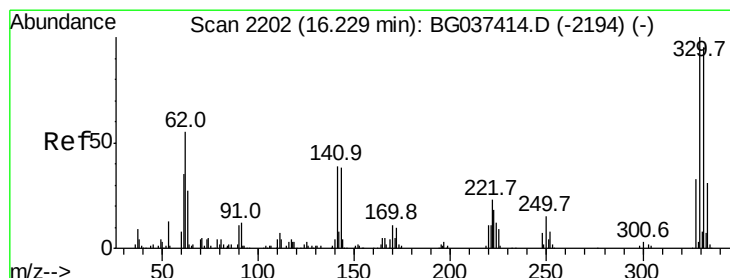
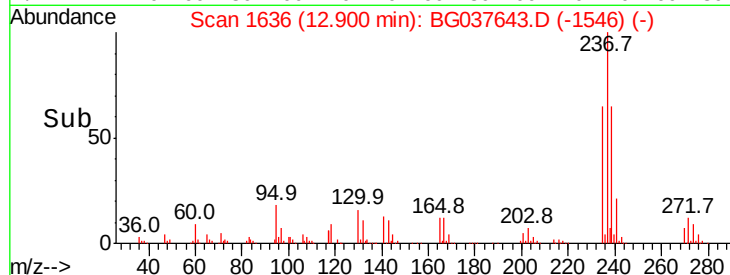
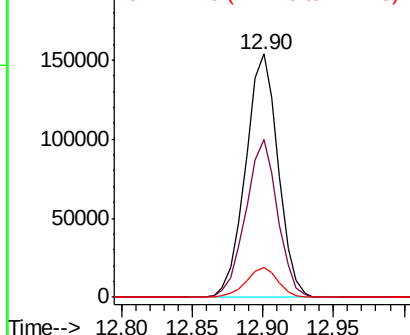
Tot Ion:	237	Resp:	248419
Ion Ratio	Lower	Upper	
237	100		
235	64.7	42.5	82.5
272	12.3	0.0	31.6

Manual Integrations
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10/30/2018 5:50:31 PM



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: 164.679 ng

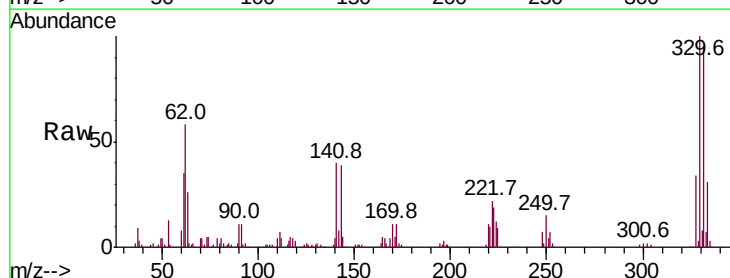
RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

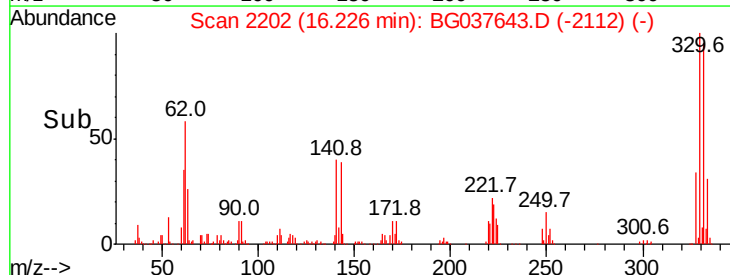
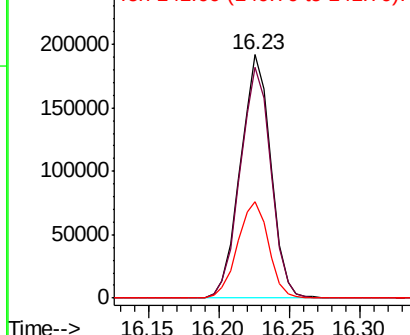
Lab File: BG037643.D

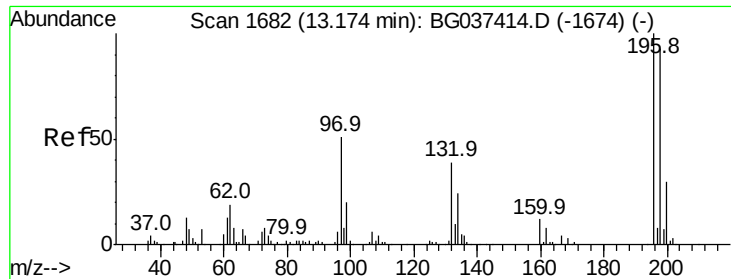
Acq: 30 Oct 2018 4:16

Tgt Ion:	330	Resp:	289678
Ion Ratio	Lower	Upper	
330	100		
332	96.2	78.4	117.6
141	40.3	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





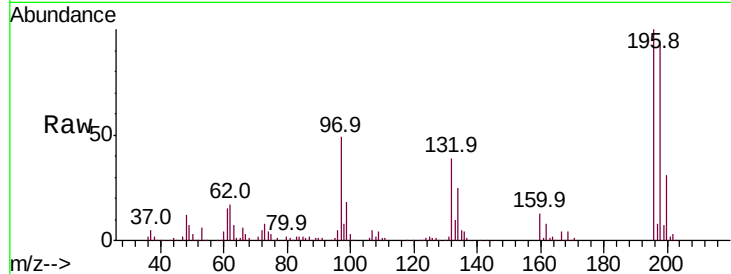
#43
 2,4,6-Trichlorophenol
 Concen: 44.863 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

Instrument :
 BNA_G
 ClientSampled :
 PB114248BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	155919		
198	93.1	76.4	114.6	
200	30.9	24.9	37.3	

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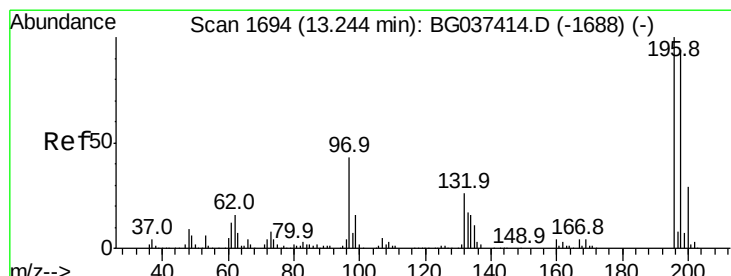
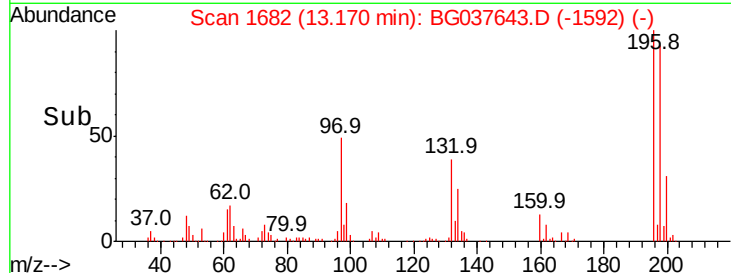
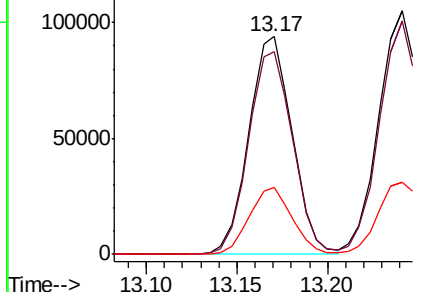


Abundance

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: 45.359 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	171634		
198	95.8	74.2	111.2	
97	44.3	34.1	51.1	
132	25.9	20.2	30.4	

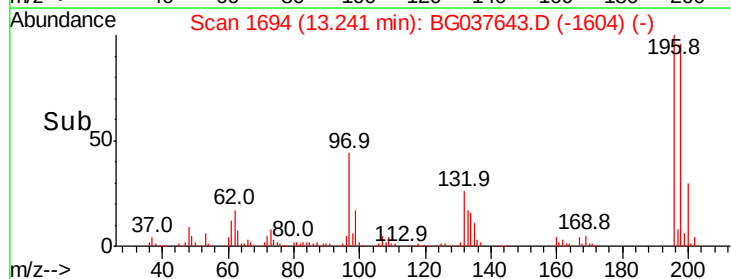
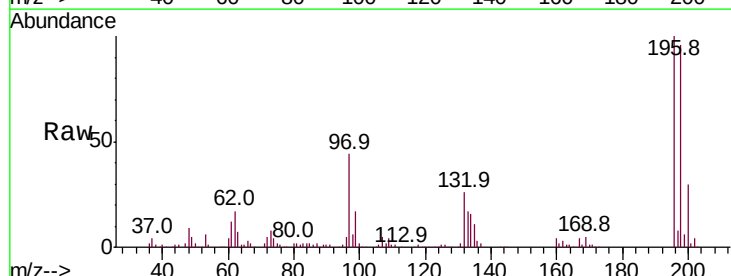
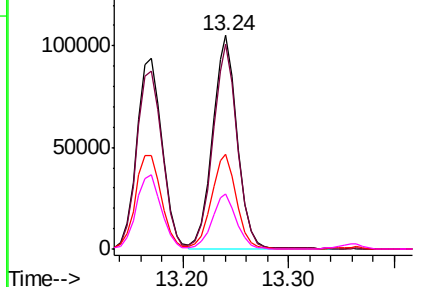
Abundance

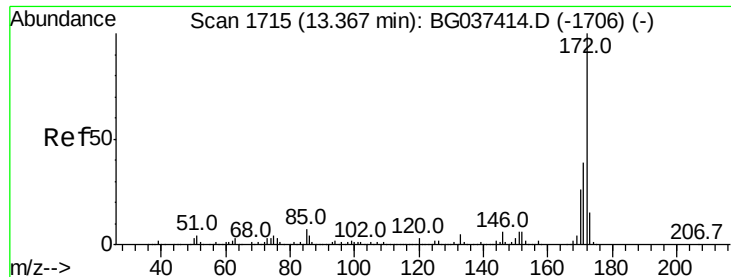
Ion 196.00 (195.70 to 196.70): E

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





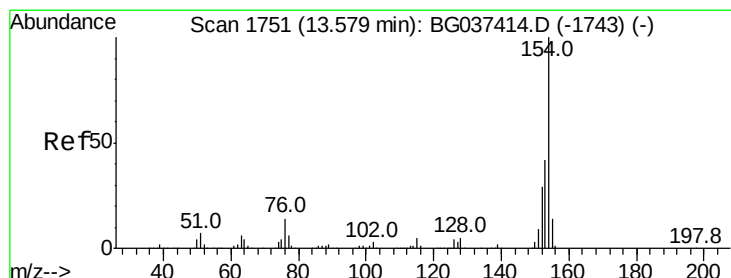
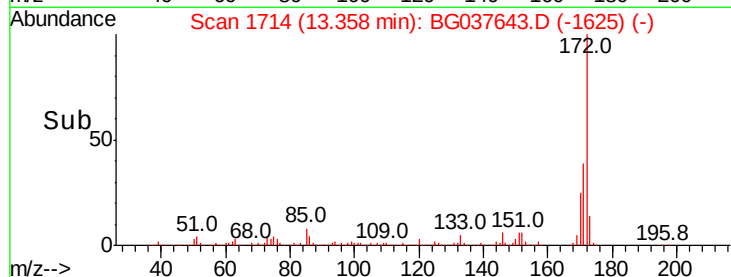
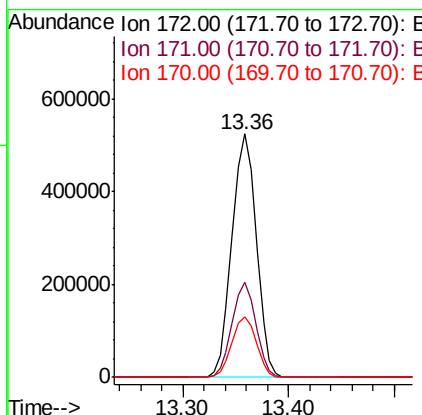
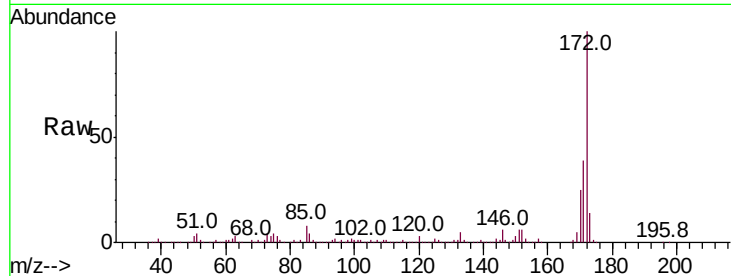
#45
2-Fluorobiphenyl
Concen: 78.206 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	836427		
171	38.8		31.0	46.4
170	24.7		20.2	30.2

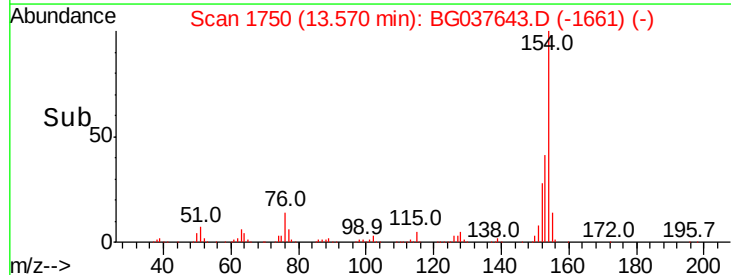
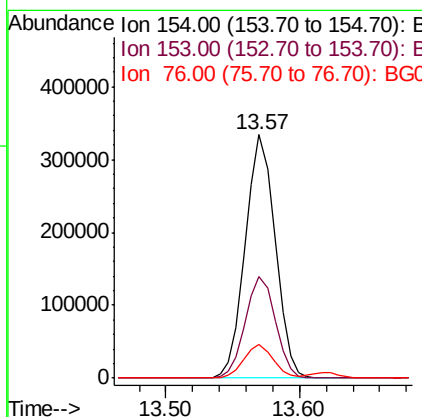
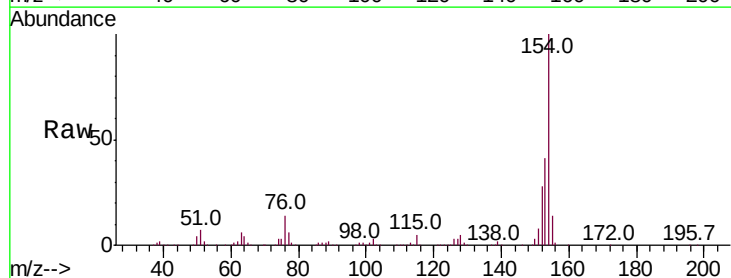
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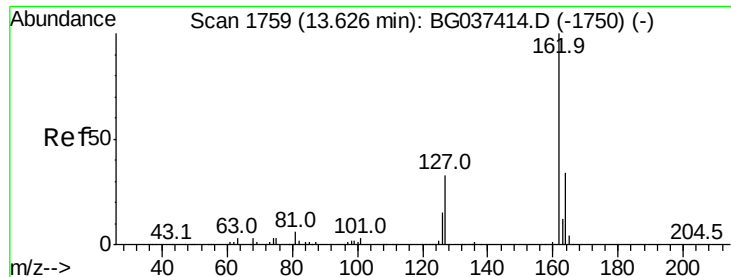
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#46
1,1'-Biphenyl
Concen: 38.670 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	516504		
153	41.5		22.1	62.1
76	13.6		0.0	33.2





#47

2-Chloronaphthalene

Concen: 40.086 ng

RT: 13.62 min Scan# 1758

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

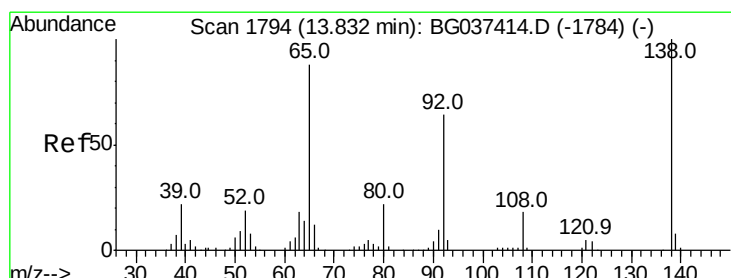
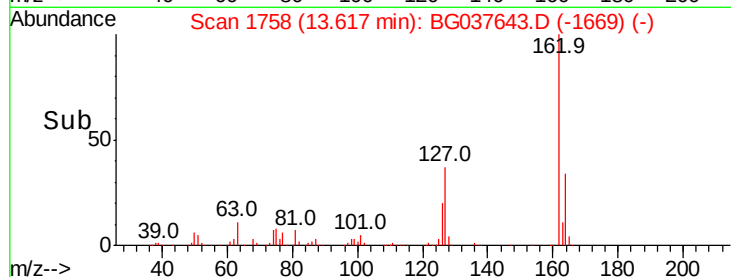
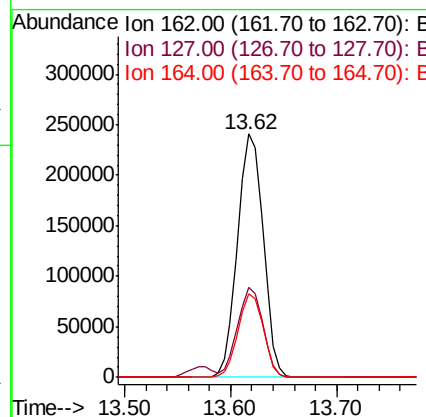
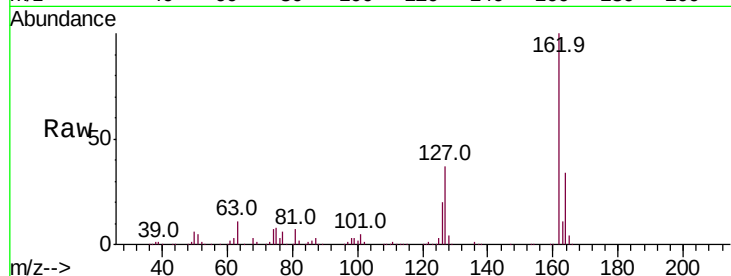
ClientSampleId :

PB114248BS

Tot Ion:	162	Resp:	405063
Ion Ratio	Lower	Upper	
162	100		
127	36.8	30.5	45.7
164	34.4	26.4	39.6

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#48

2-Nitroaniline

Concen: 45.468 ng

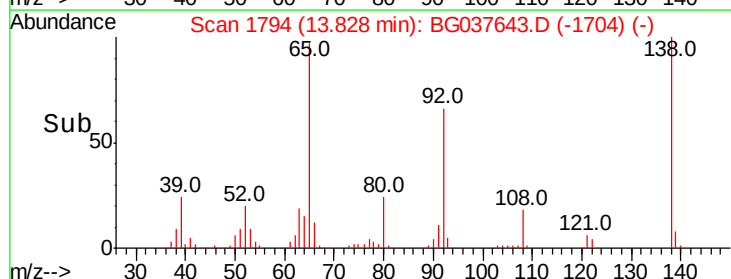
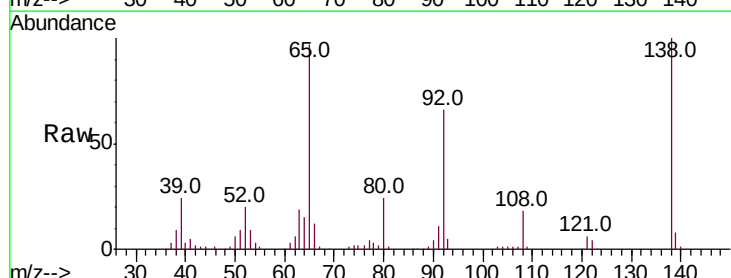
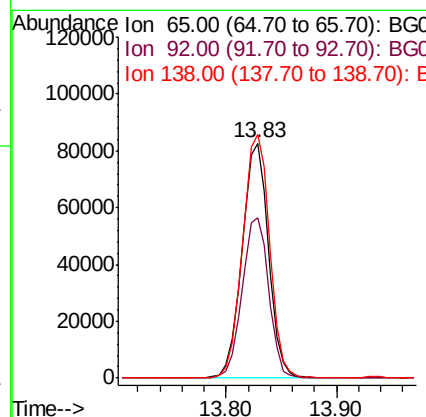
RT: 13.83 min Scan# 1794

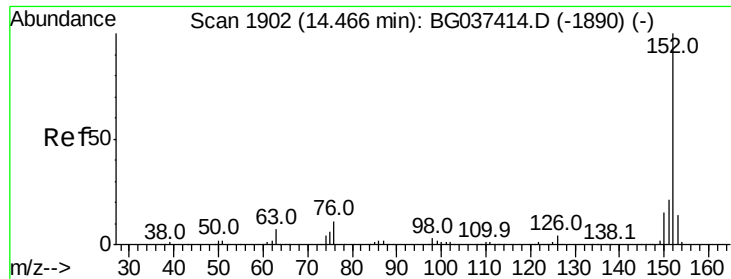
Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Tgt Ion:	65	Resp:	139329
Ion Ratio	Lower	Upper	
65	100		
92	68.5	53.2	79.8
138	103.6	79.3	118.9





#49

Acenaphthylene

Concen: 44.871 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

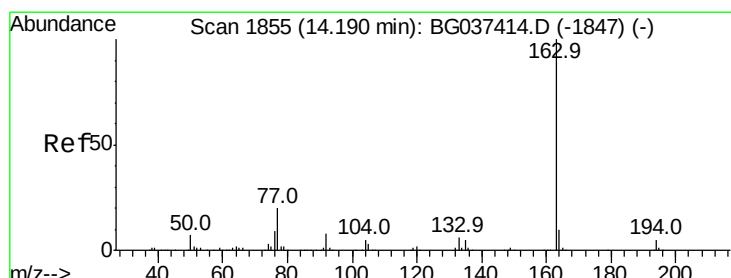
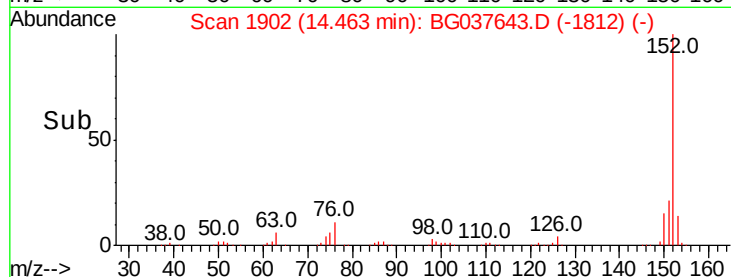
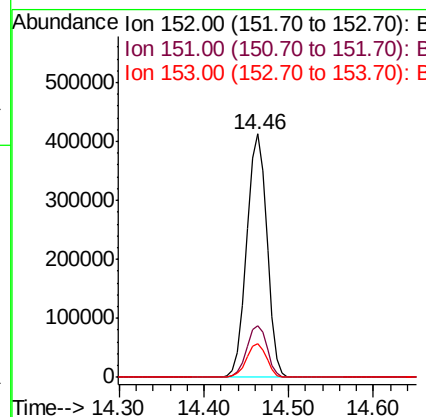
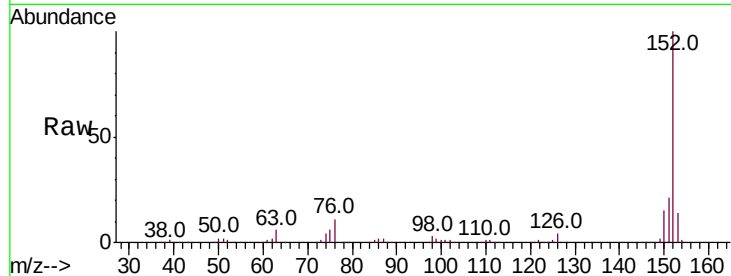
ClientSampled :

PB114248BS

Tot Ion:	152	Resp:	682060
Ion Ratio	Lower	Upper	
152	100		
151	21.1	17.1	25.7
153	13.8	11.1	16.7

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#50

Dimethylphthalate

Concen: 42.961 ng

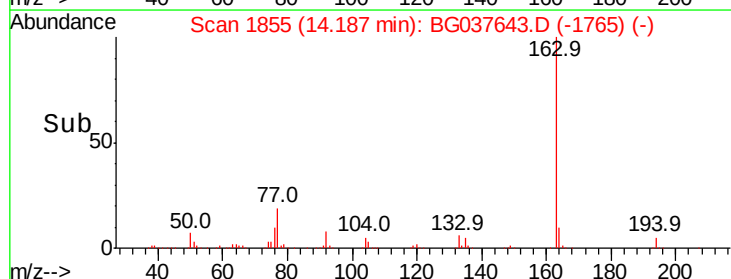
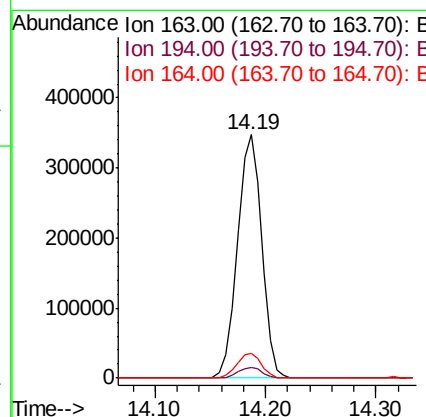
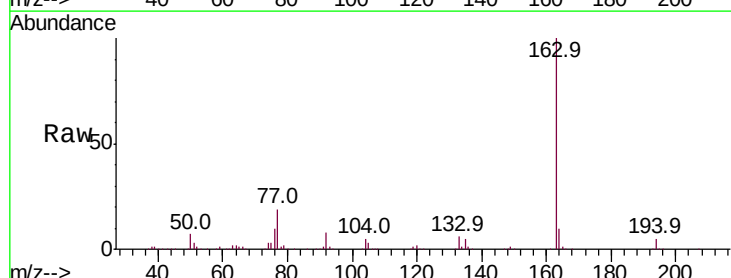
RT: 14.19 min Scan# 1855

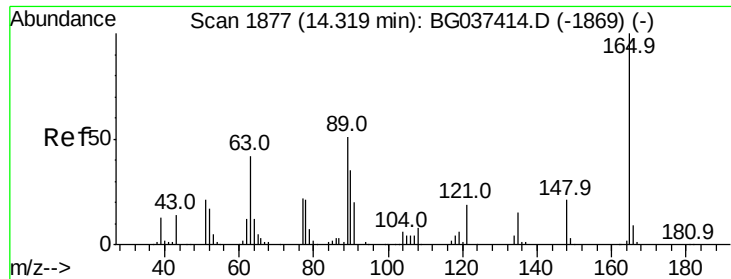
Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Tgt Ion:	163	Resp:	536018
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.5	5.3
164	10.4	8.5	12.7





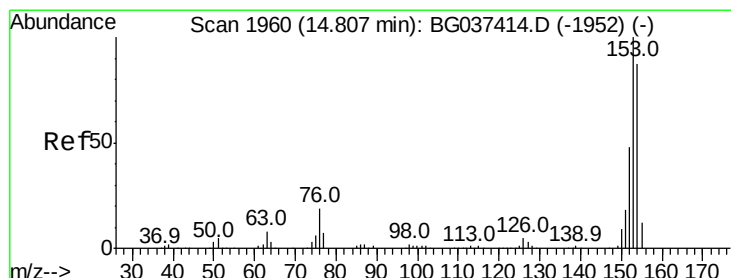
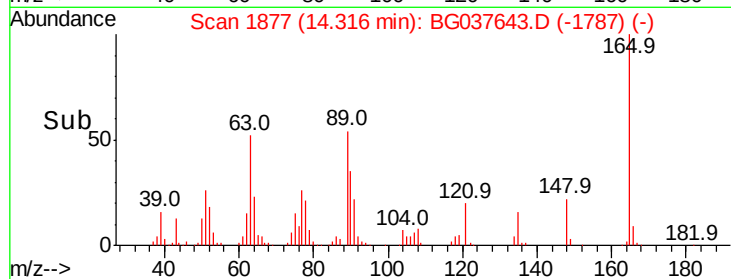
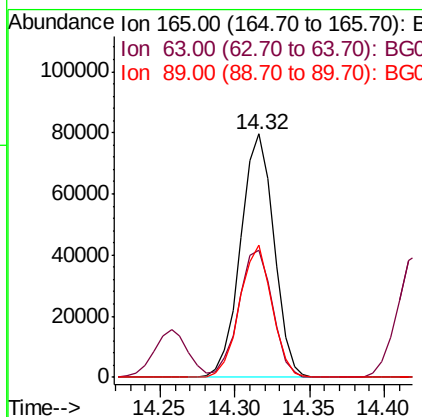
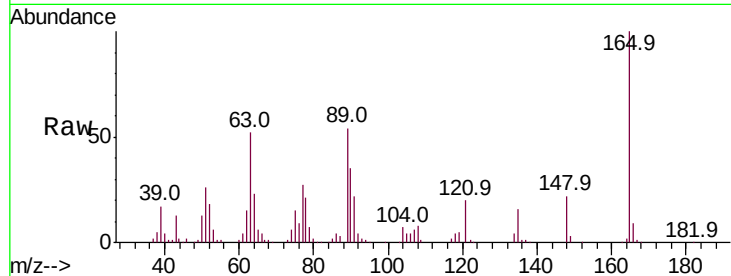
#51
 2,6-Dinitrotoluene
 Concen: 44.596 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

Instrument :
 BNA_G
 ClientSampled :
 PB114248BS

Tot Ion:	165	Resp:	123089
Ion Ratio	Lower	Upper	
165	100		
63	52.4	43.4	65.2
89	54.1	45.8	68.6

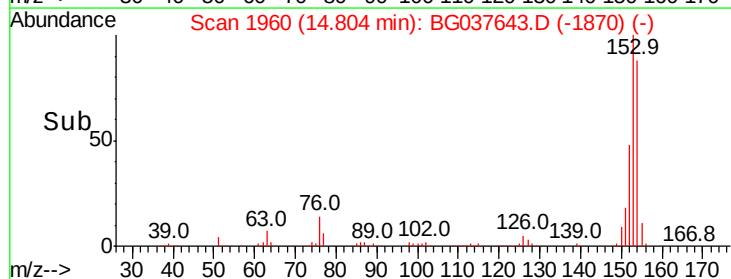
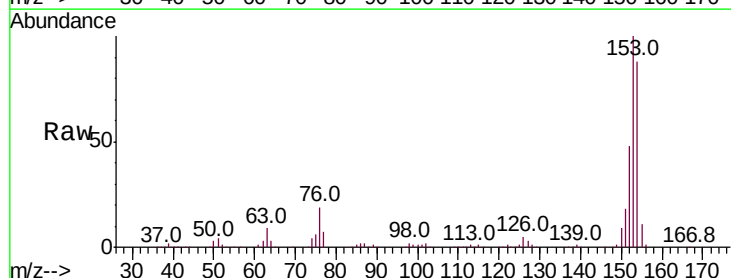
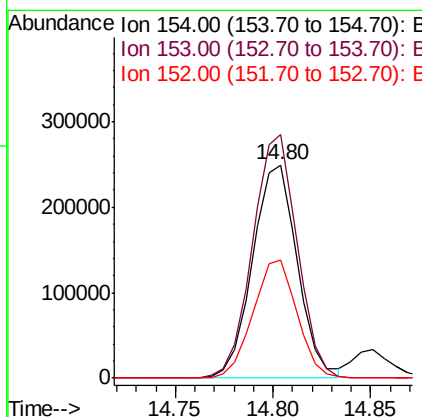
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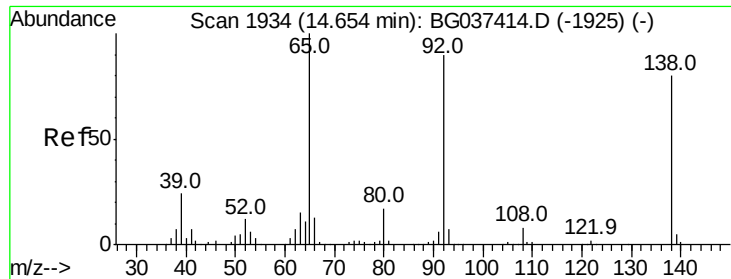
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#52
 Acenaphthene
 Concen: 42.396 ng
 RT: 14.80 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

Tgt Ion:	154	Resp:	396890
Ion Ratio	Lower	Upper	
154	100		
153	114.0	93.4	140.0
152	55.1	44.7	67.1





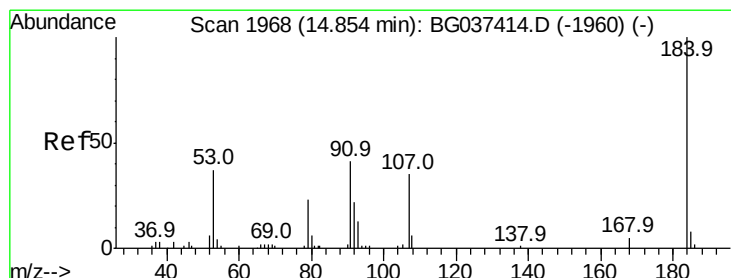
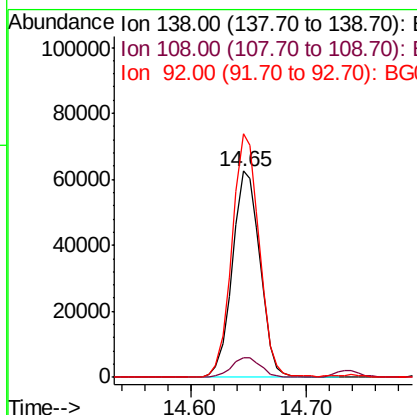
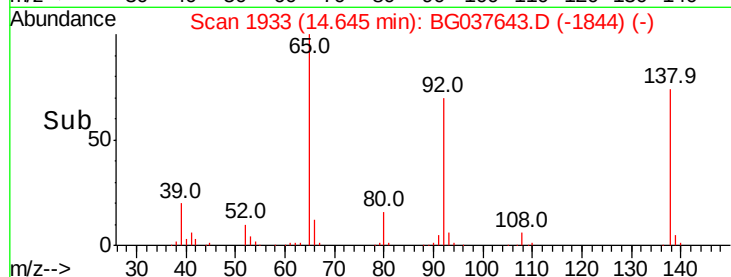
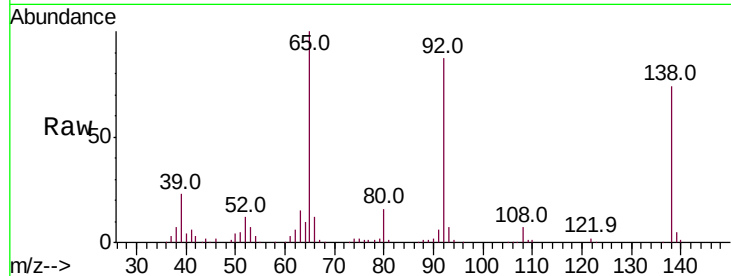
#53
 3-Nitroaniline
 Concen: 33.862 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

Instrument :
 BNA_G
 ClientSampleID :
 PB114248BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	9.7	11.0	16.6	
92	118.1	95.2	142.8	

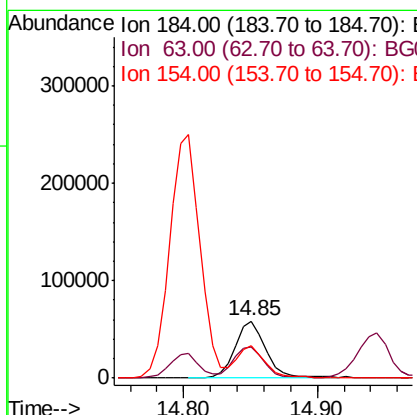
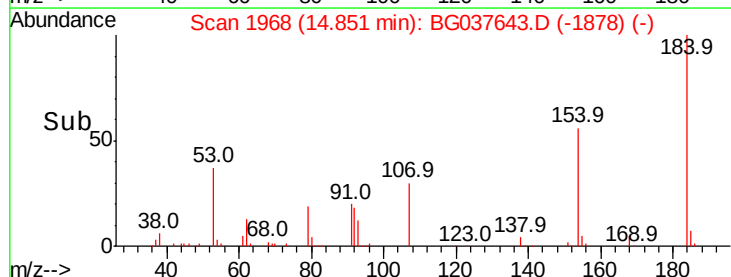
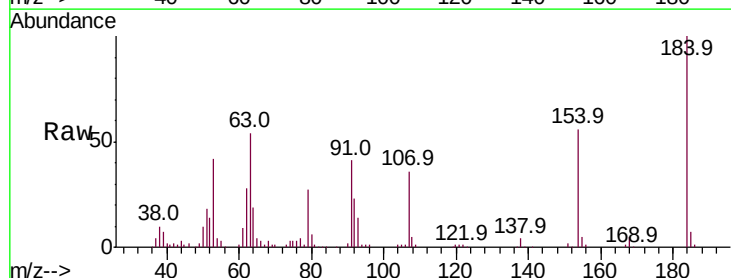
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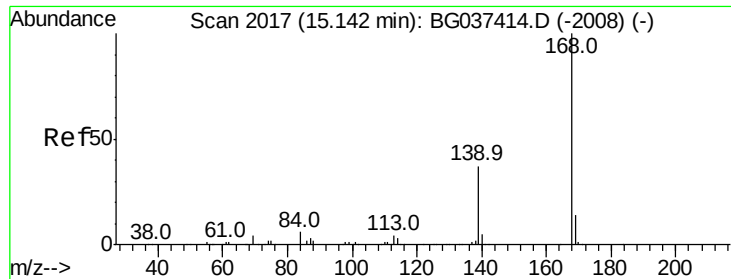
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#54
 2,4-Dinitrophenol
 Concen: 77.711 ng
 RT: 14.85 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	54.4	42.6	63.8	
154	55.8	41.8	62.6	





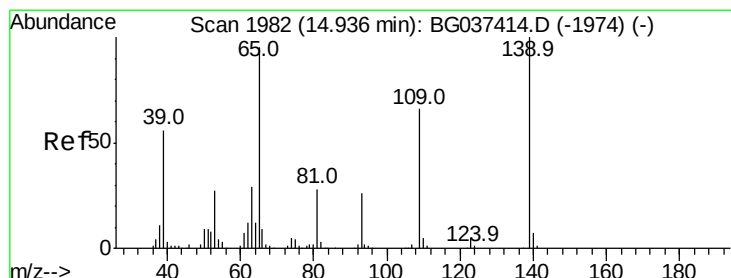
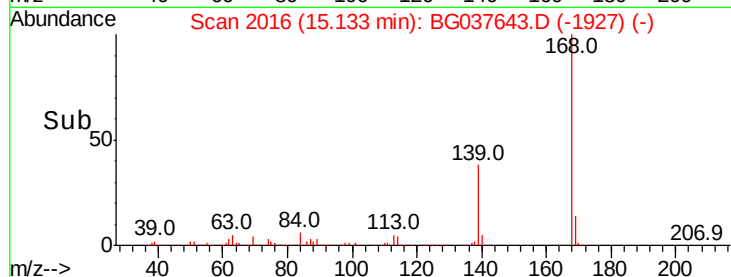
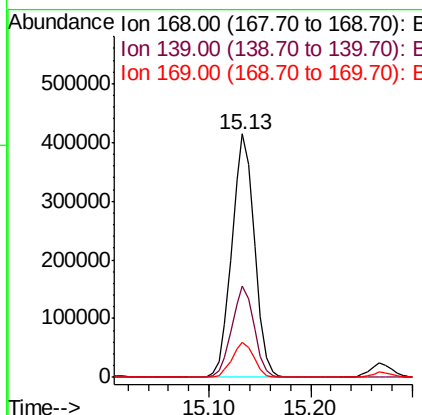
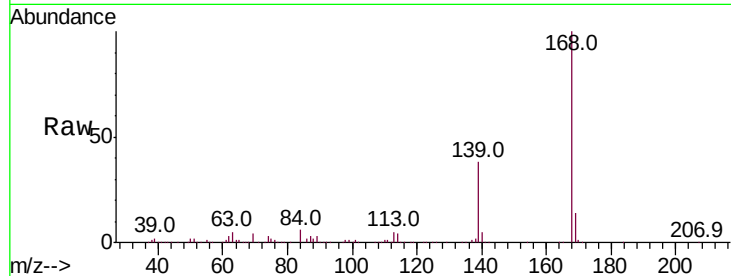
#55
Dibenzofuran
Concen: 41.202 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Instrument :
BNA_G
ClientSampled :
PB114248BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	29.4	44.0
169	14.2	11.0	16.6

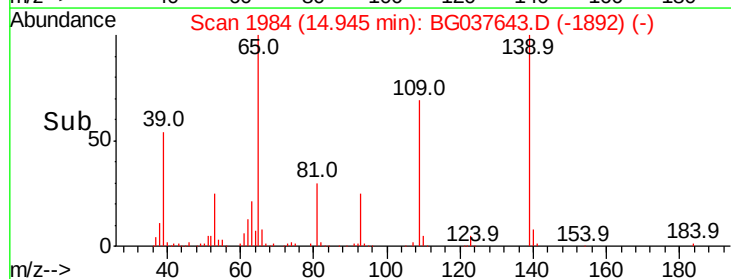
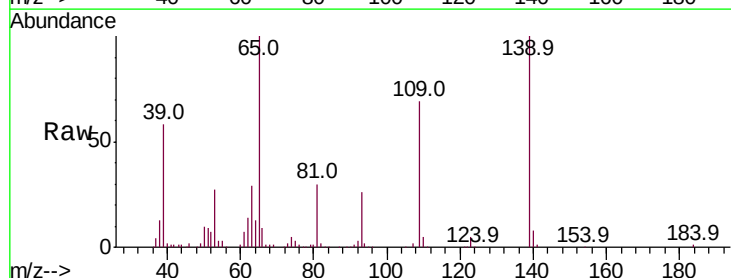
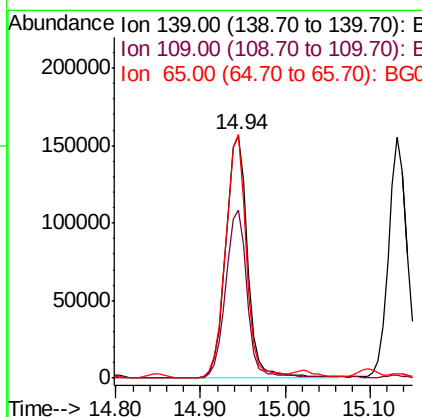
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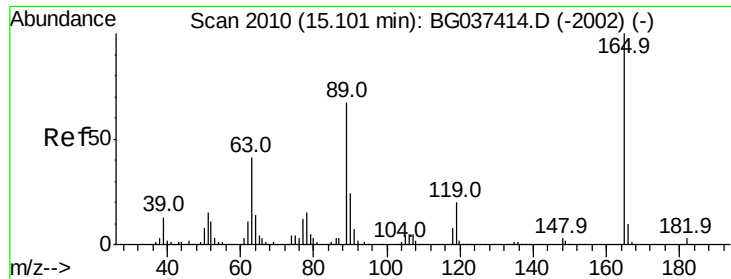
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#56
4-Nitrophenol
Concen: 122.908 ng
RT: 14.94 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.4	49.5	89.5
65	100.3	76.8	116.8





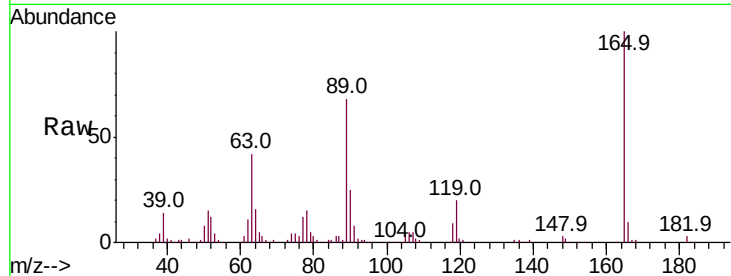
#57
2,4-Dinitrotoluene
Concen: 47.155 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Instrument :
BNA_G
ClientSampleId :
PB114248BS

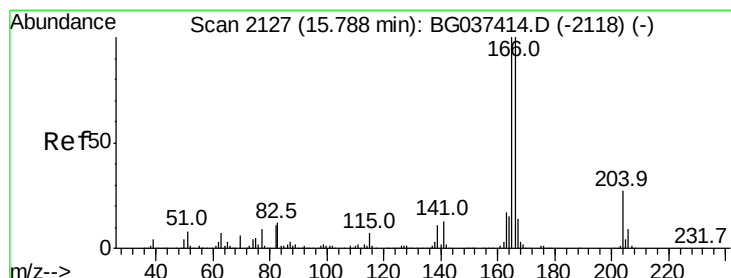
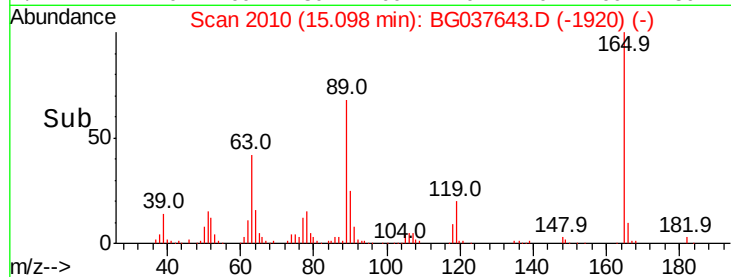
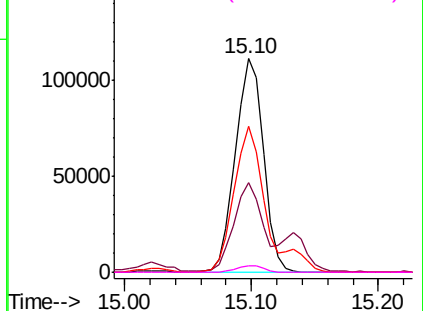
Tot Ion	Ratio	Resp	Lower	Upper
165	100	170847		
63	41.8	33.4	50.0	
89	68.3	57.2	85.8	
182	2.9	2.6	4.0	

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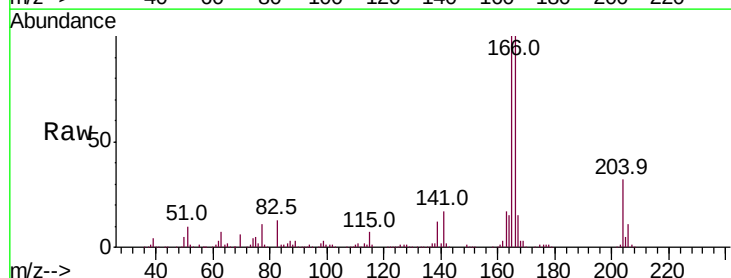


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

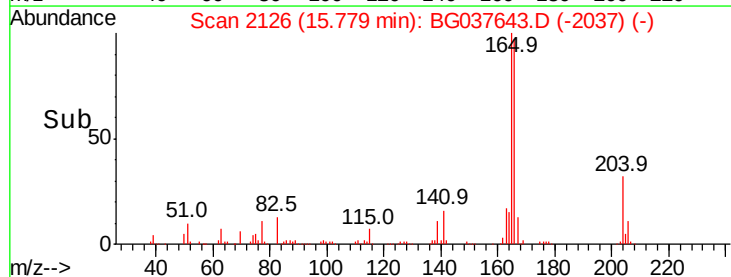
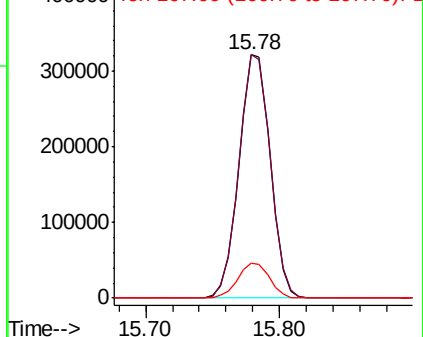


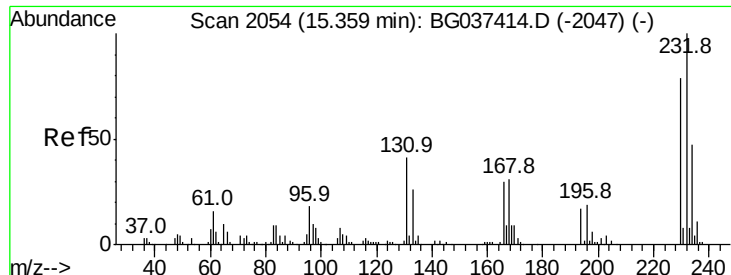
#58
Fluorene
Concen: 44.693 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	519107		
165	100.1	79.0	118.6	
167	14.5	11.3	16.9	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.803 ng

RT: 15.35 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

ClientSampleId :

PB114248BS

Tot Ion:232 Resp: 151632

Ion Ratio Lower Upper

232 100

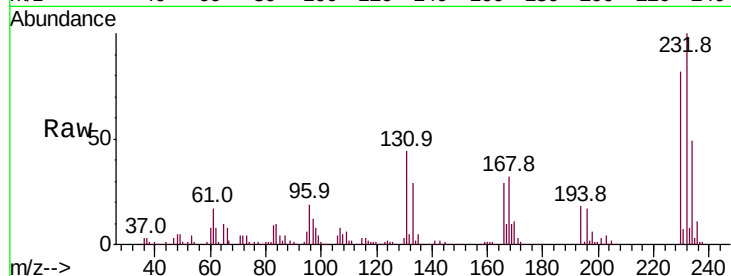
131 42.5 33.7 50.5

130 2.6 2.1 3.1

166 30.4 24.6 36.8

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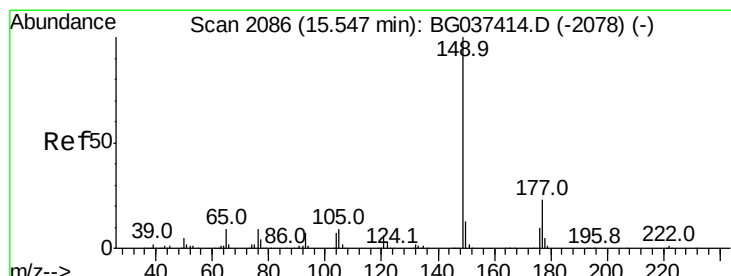
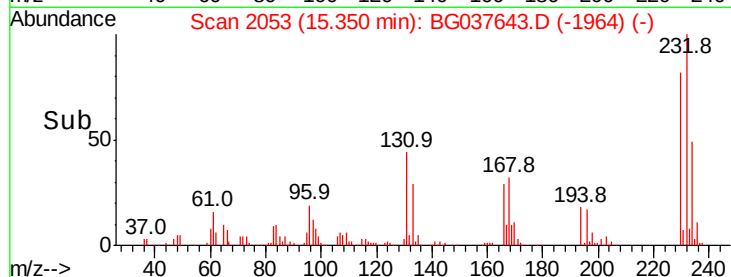
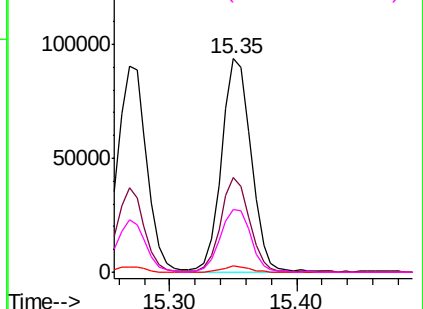


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 43.192 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

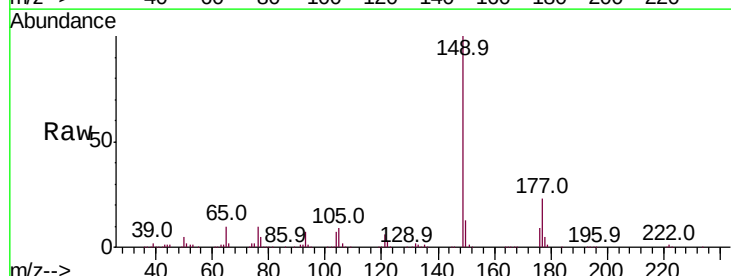
Tgt Ion:149 Resp: 553258

Ion Ratio Lower Upper

149 100

177 22.6 18.3 27.5

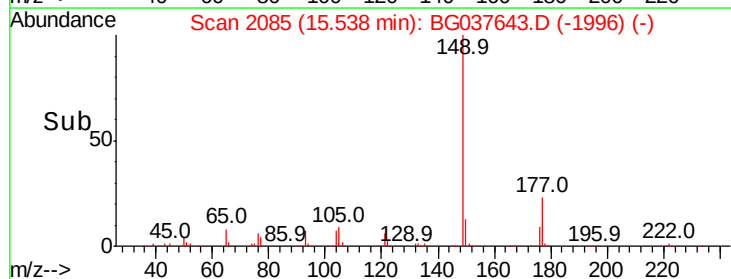
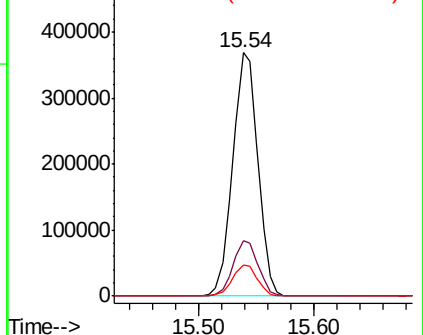
150 12.7 10.0 15.0

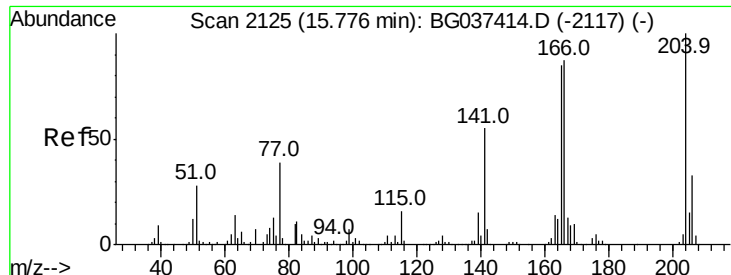


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





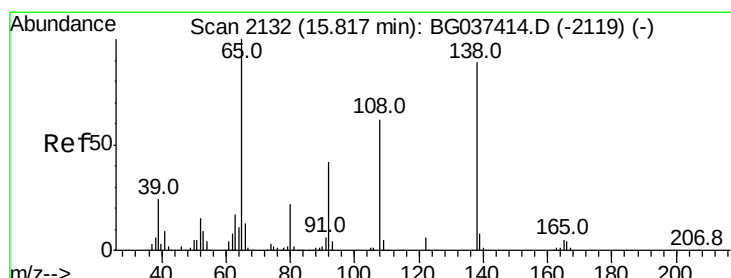
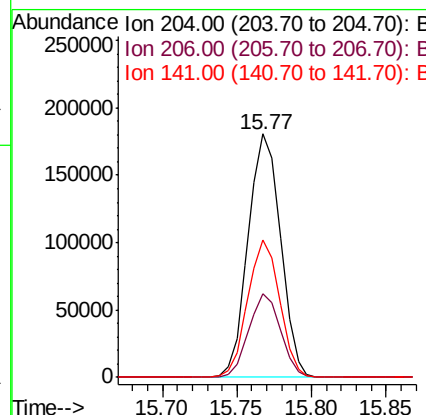
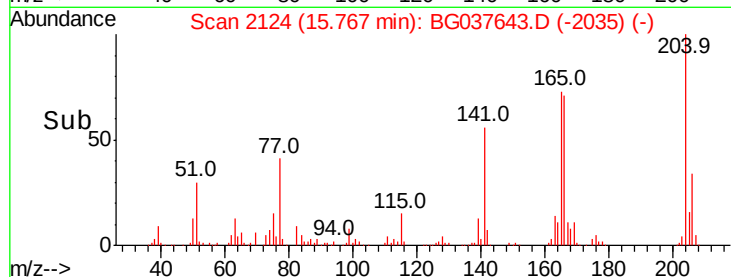
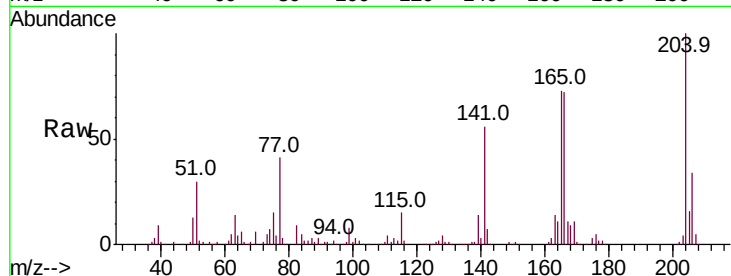
#61
 4-Chlorophenyl-phenylether
 Concen: 40.134 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

Instrument :
 BNA_G
 ClientSampleID :
 PB114248BS

Tot Ion:	204	Resp:	271704
Ion Ratio		Lower	Upper
204	100		
206	34.3	26.6	39.8
141	56.3	45.4	68.2

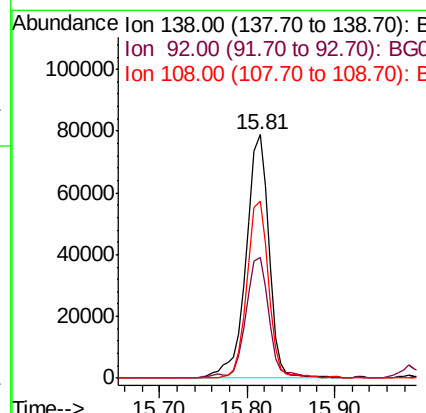
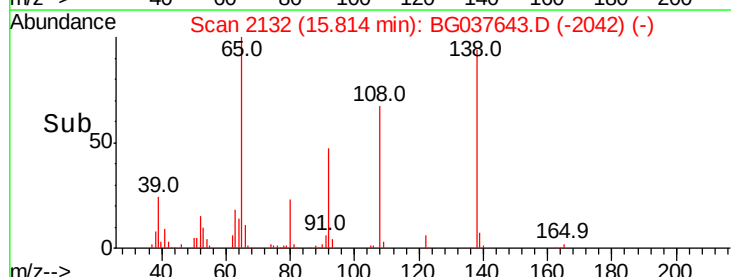
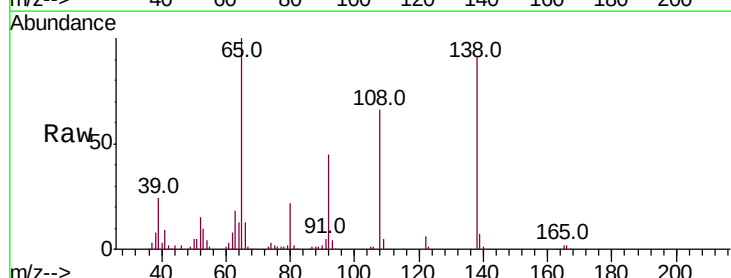
Manual Integrations
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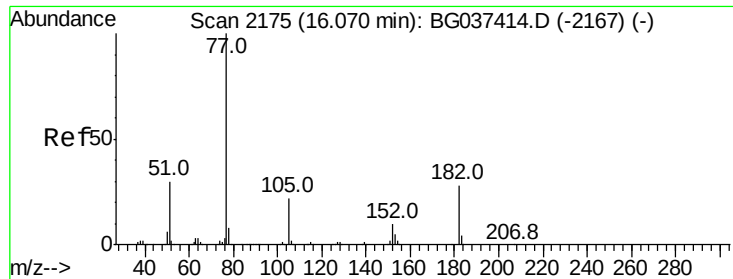
Sohil
 10/30/2018 5:50:31 PM



#62
 4-Nitroaniline
 Concen: 45.396 ng
 RT: 15.81 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

Tgt Ion:	138	Resp:	138216
Ion Ratio		Lower	Upper
138	100		
92	49.7	36.4	76.4
108	72.6	60.1	100.1





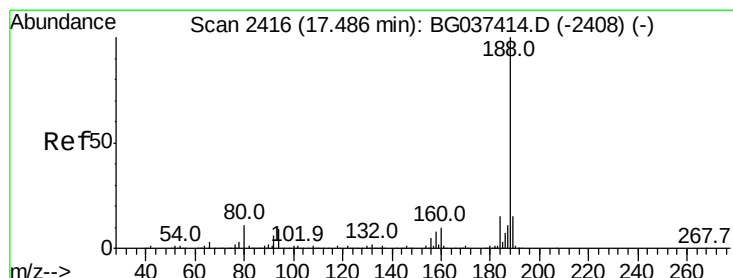
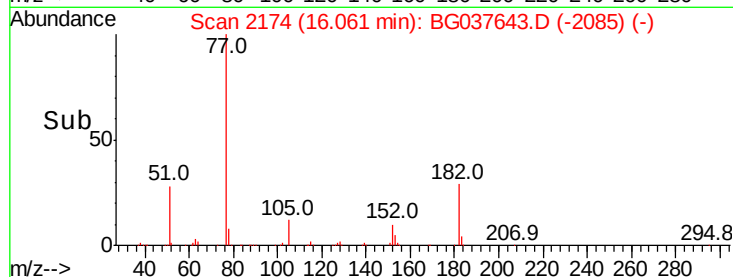
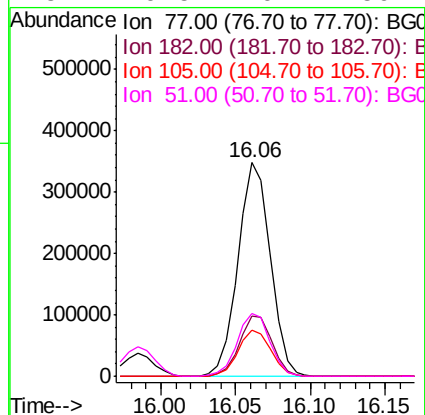
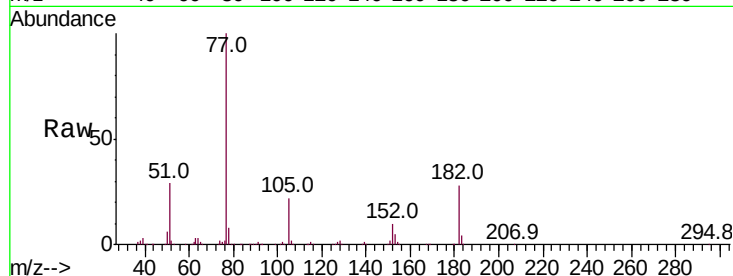
#63
Azobenzene
Concen: 42.732 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		522256		
182	28.1	8.0	48.0		
105	21.7	1.3	41.3		
51	29.5	10.7	50.7		

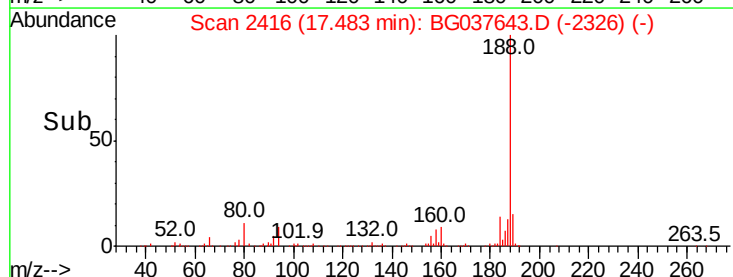
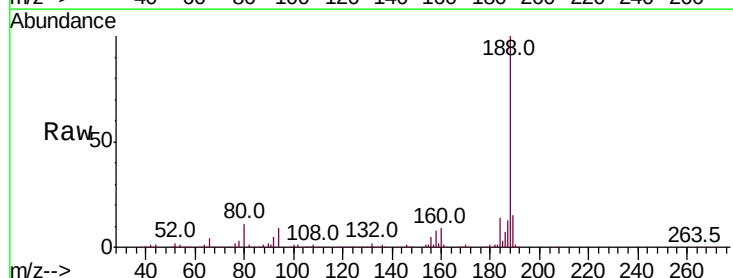
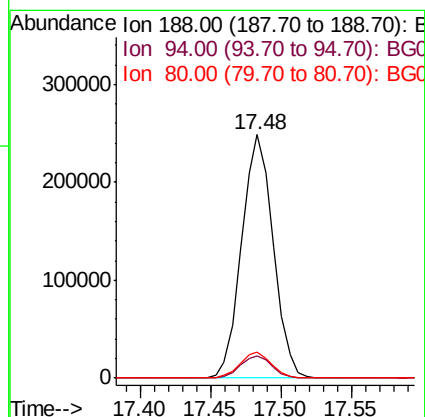
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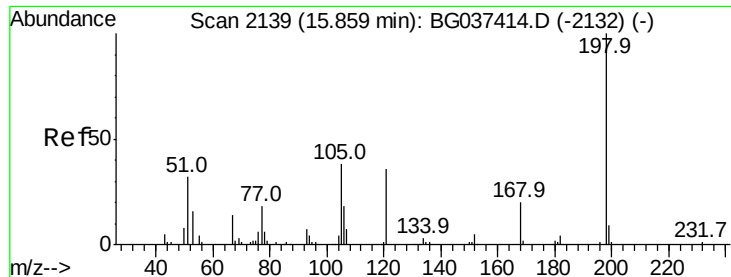
Sohil
10/30/2018 5:50:31 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		388787		
94	8.9	7.2	10.8		
80	10.9	7.7	11.5		





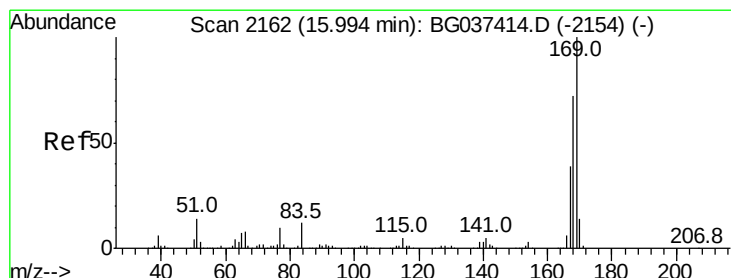
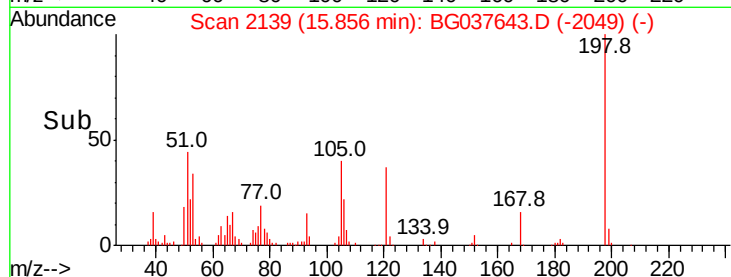
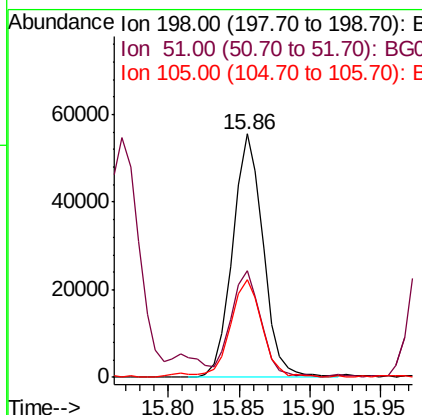
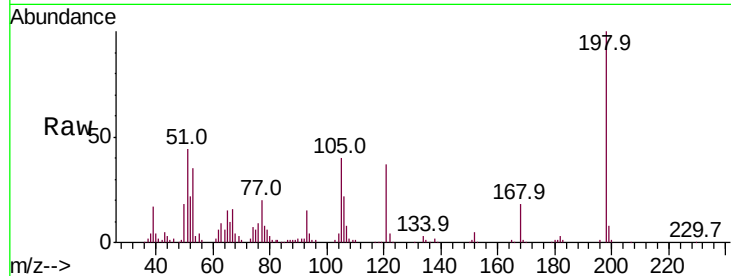
#65
4,6-Dinitro-2-methylphenol
Concen: 42.298 ng
RT: 15.86 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	83789		
51	44.0		22.7	62.7
105	40.2		19.7	59.7

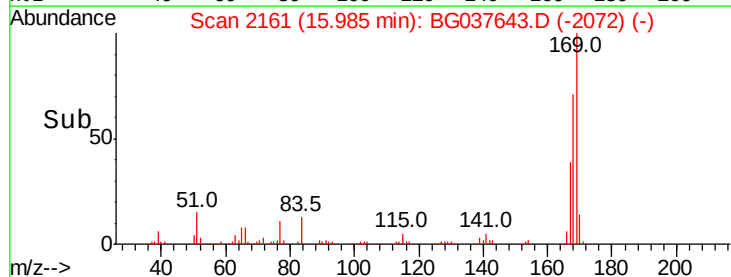
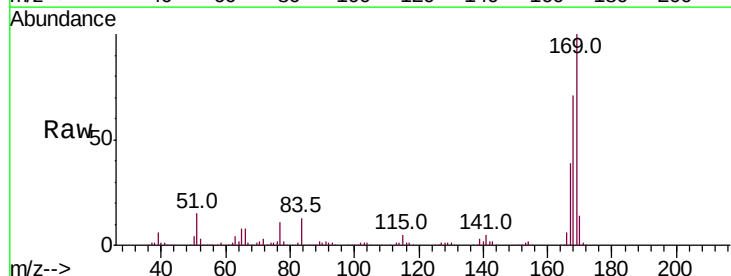
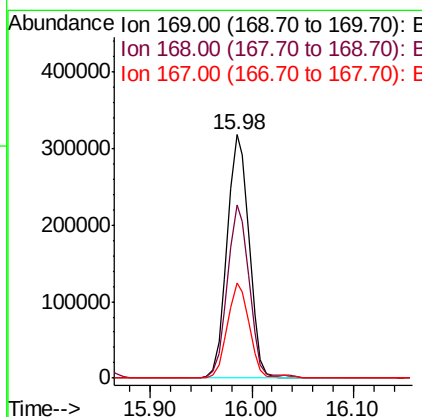
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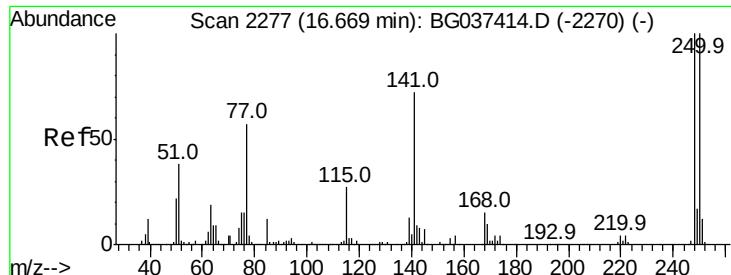
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 40.963 ng
RT: 15.98 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	479051		
168	71.4		55.7	83.5
167	39.0		31.3	46.9





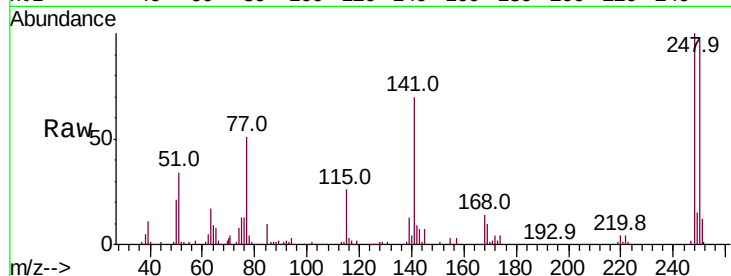
#67
 4-Bromophenyl-phenylether
 Concen: 40.202 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114248BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.0	115.6
141	69.6	55.5	83.3

Manual Integrations
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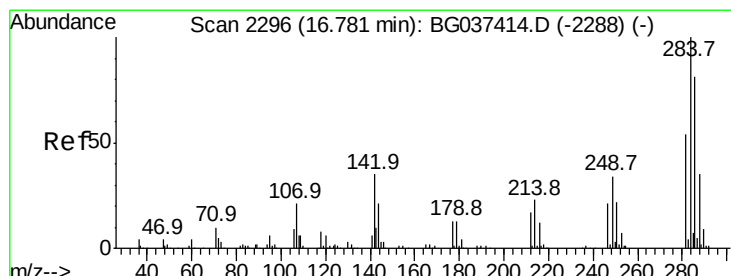
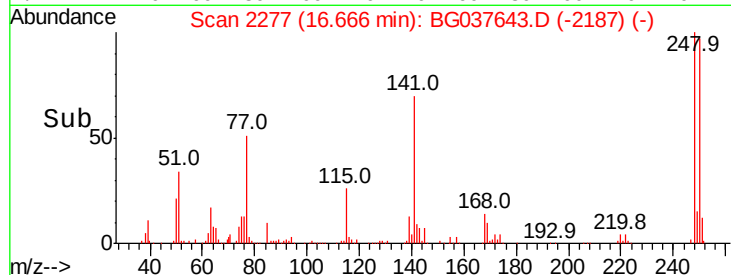
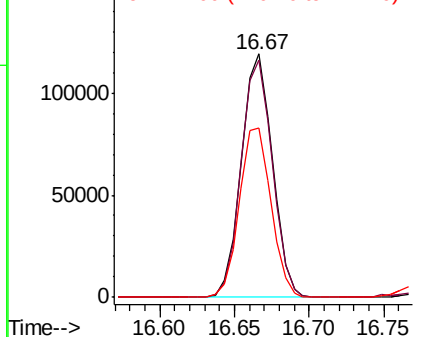


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 39.615 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

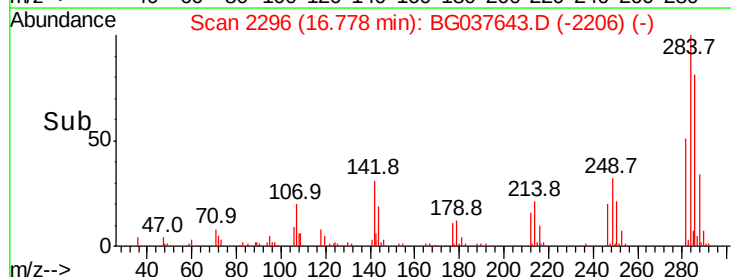
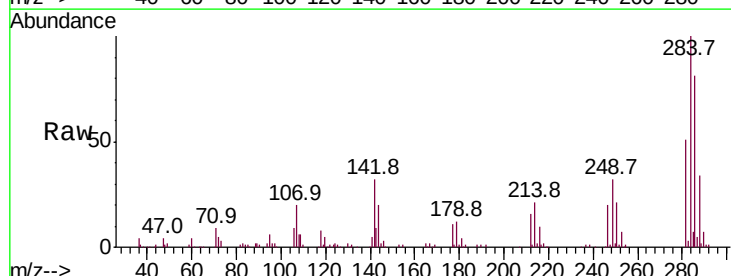
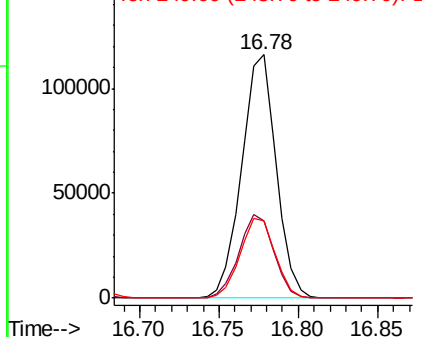
Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.9	28.1	42.1
249	34.2	29.8	44.8

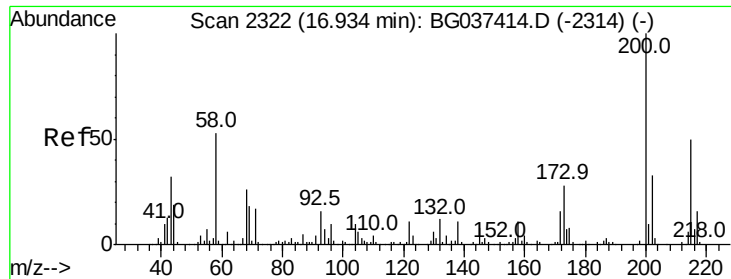
Abundance

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





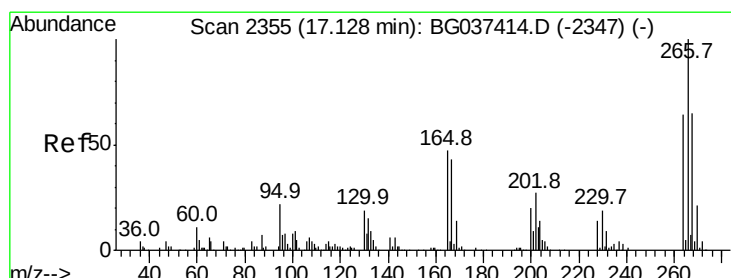
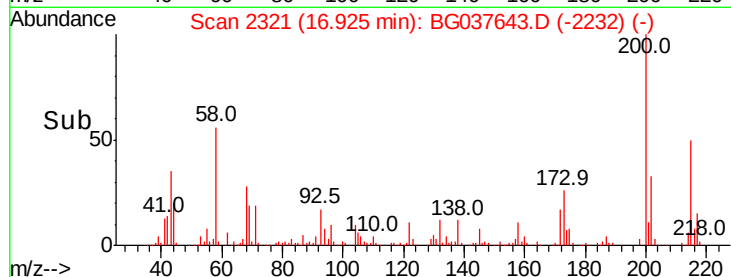
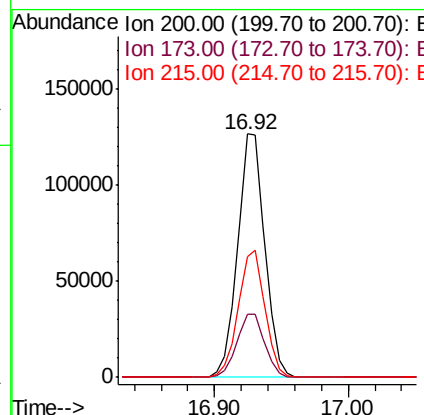
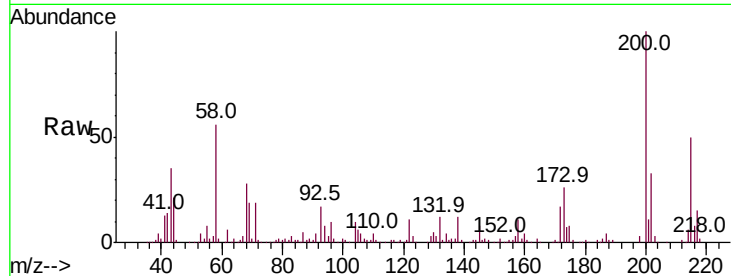
#69
 Atrazine
 Concen: 42.493 ng
 RT: 16.92 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114248BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.1	46.1
215	49.9	30.8	70.8

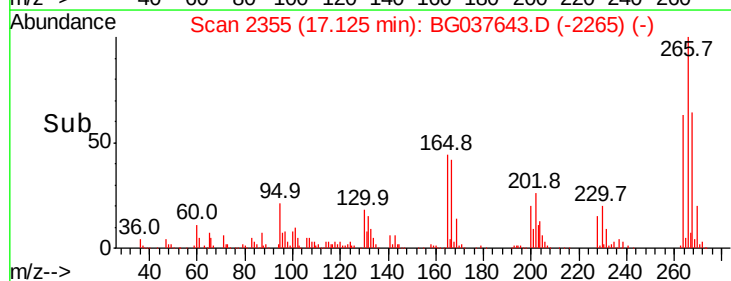
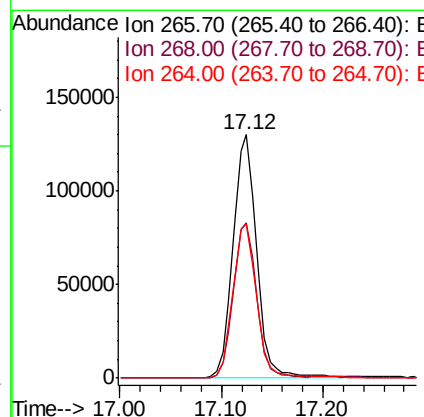
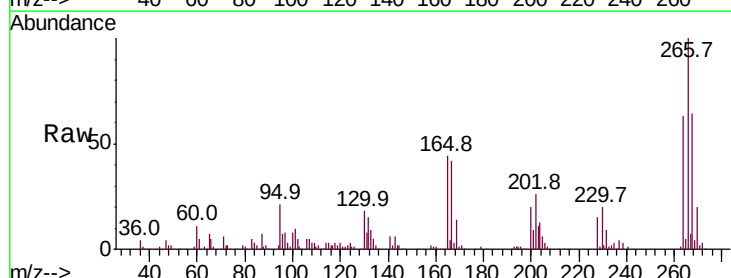
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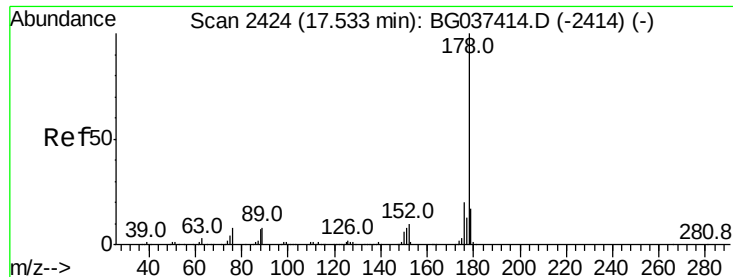
Sohil
 10/30/2018 5:50:31 PM



#70
 Pentachlorophenol
 Concen: 70.849 ng
 RT: 17.12 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.3	55.0	82.6
264	68.6	58.9	88.3





#71

Phenanthrene

Concen: 43.892 ng

RT: 17.52 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

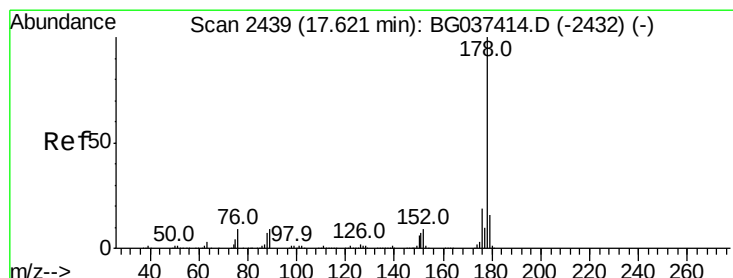
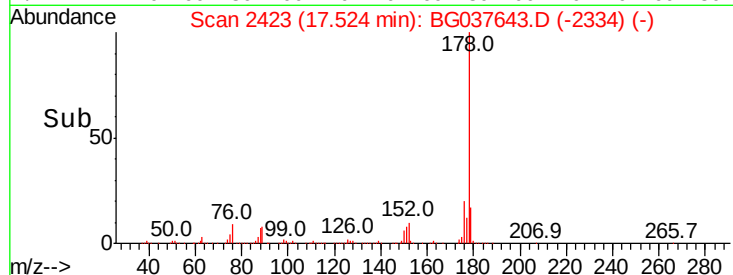
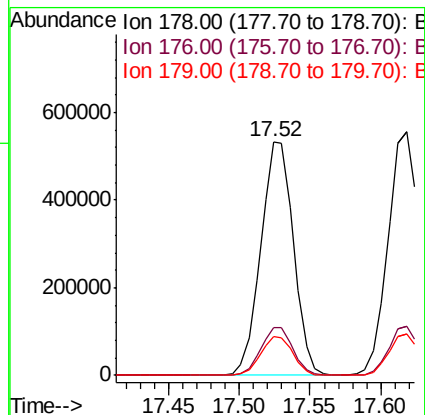
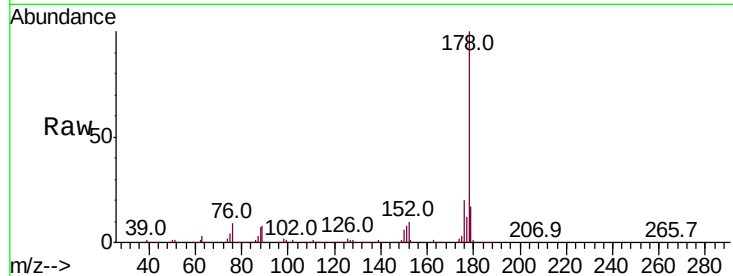
ClientSampleId :

PB114248BS

Tot Ion:178	Resp:	867285
Ion Ratio	Lower	Upper
178 100		
176 20.4	16.1	24.1
179 16.6	13.0	19.4

Manual Integrations
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#72

Anthracene

Concen: 45.242 ng

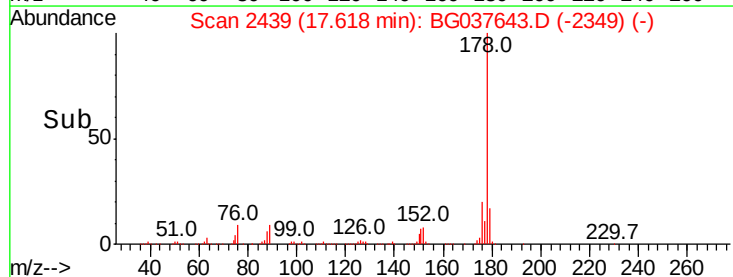
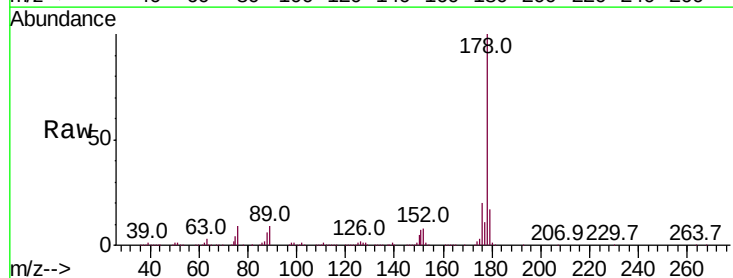
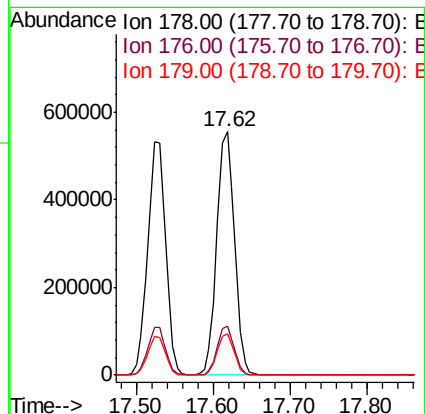
RT: 17.62 min Scan# 2439

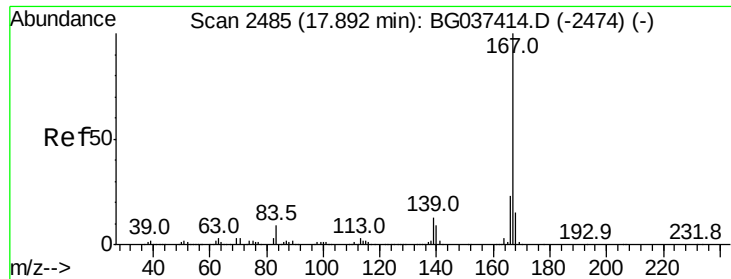
Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Tgt Ion:178	Resp:	877295
Ion Ratio	Lower	Upper
178 100		
176 20.0	15.0	22.4
179 16.8	12.8	19.2





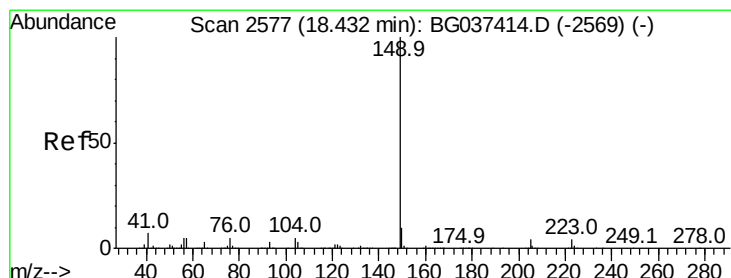
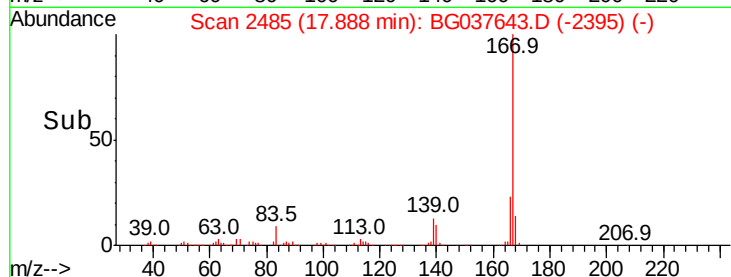
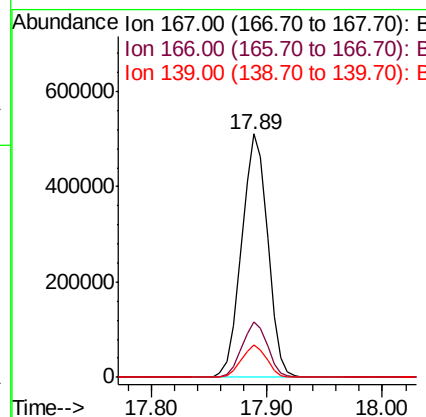
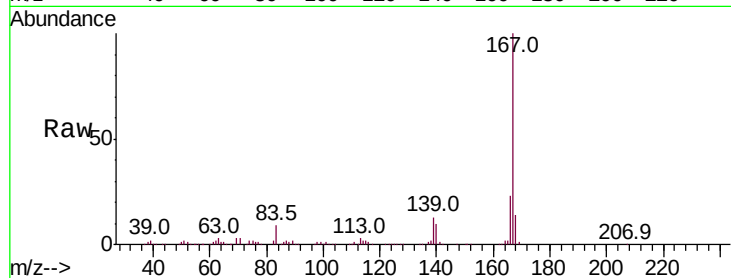
#73
 Carbazole
 Concen: 41.192 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114248BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.3	27.5
139	13.2	10.5	15.7

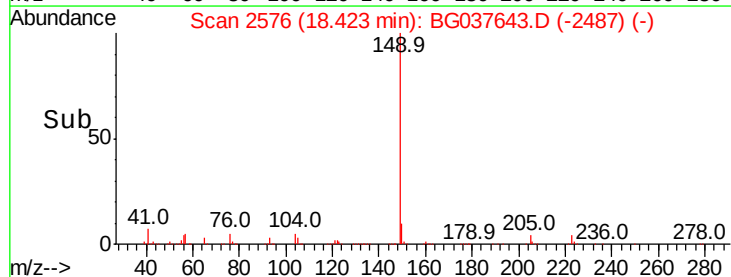
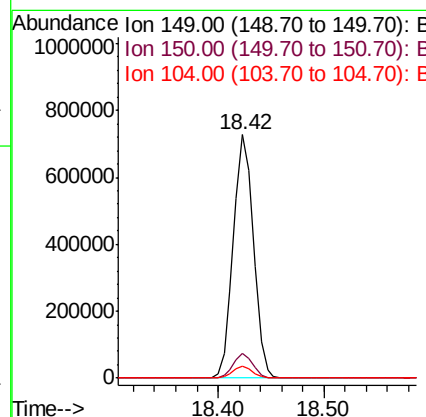
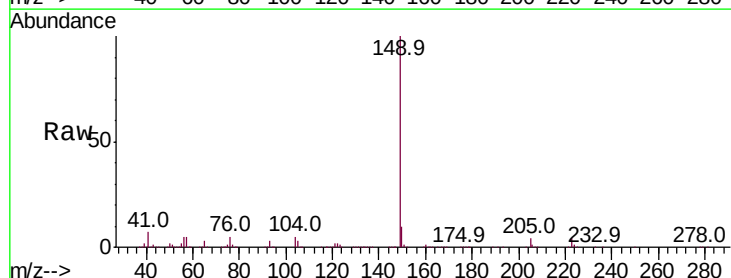
Manual Integrations
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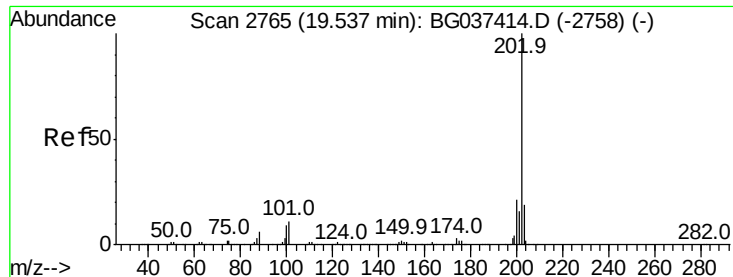
Sohil
 10/30/2018 5:50:31 PM



#74
 Di-n-butylphthalate
 Concen: 44.423 ng
 RT: 18.42 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037643.D
 Acq: 30 Oct 2018 4:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.2	12.2
104	5.2	4.0	6.0





#75

Fluoranthene

Concen: 44.837 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

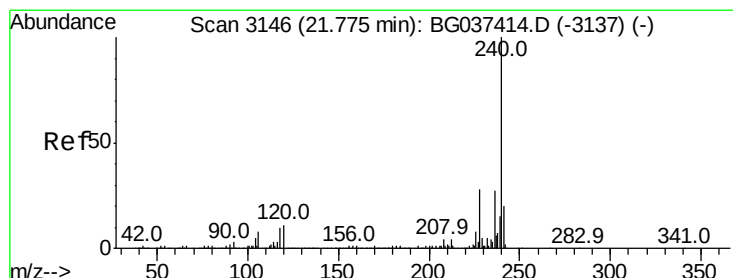
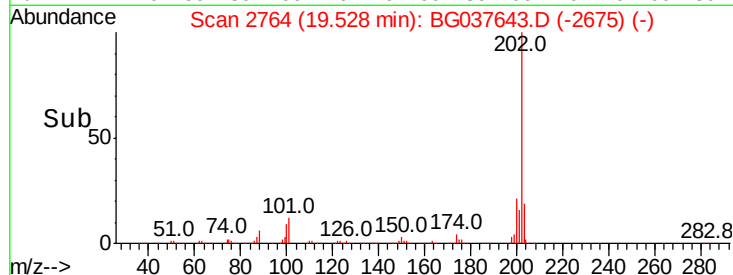
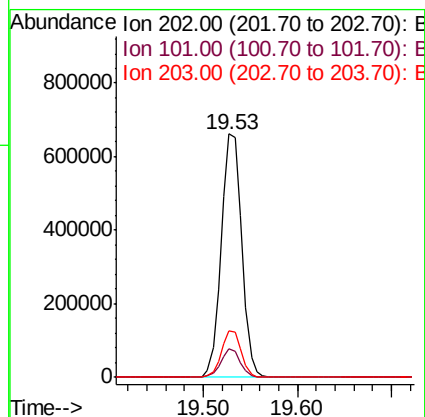
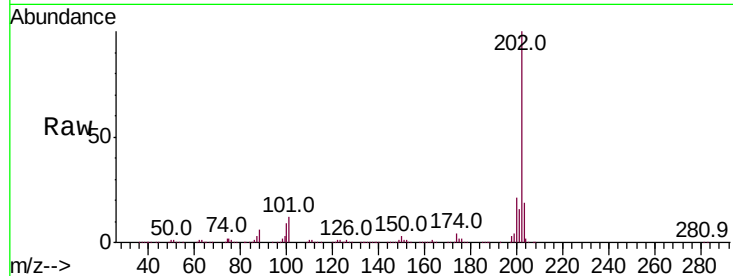
ClientSampleId :

PB114248BS

Tot Ion:	202	Resp:	1004842
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	30.7
203	19.3	0.0	38.5

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

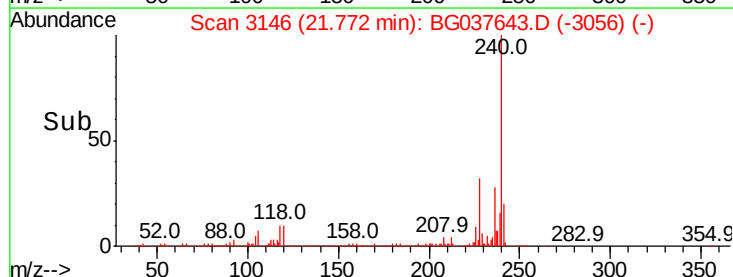
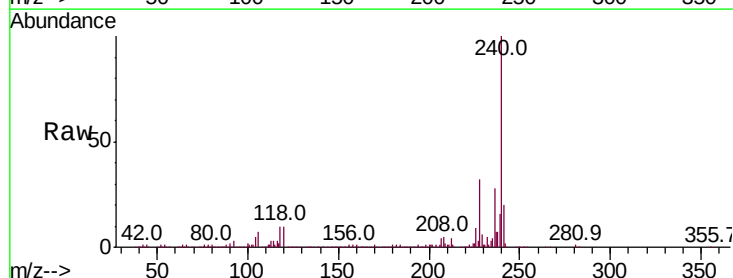
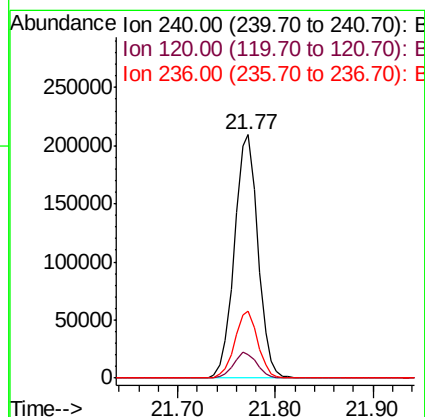
RT: 21.77 min Scan# 3146

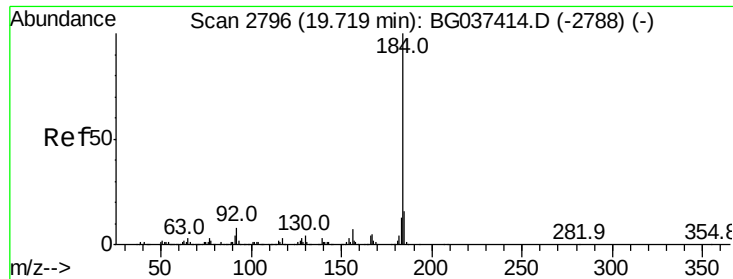
Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Tgt Ion:	240	Resp:	351353
Ion Ratio	Lower	Upper	
240	100		
120	9.8	8.1	12.1
236	27.6	21.4	32.0





#77

Benzidine

Concen: 48.037 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

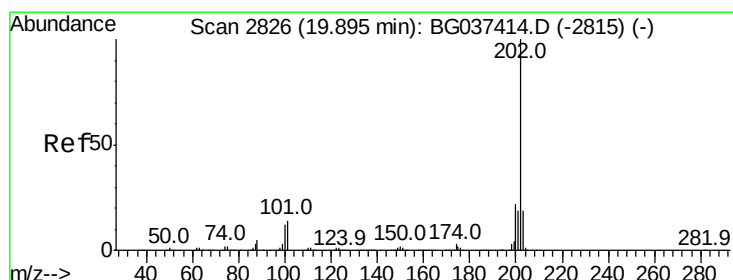
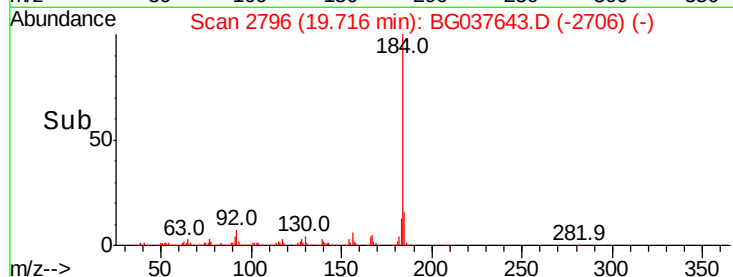
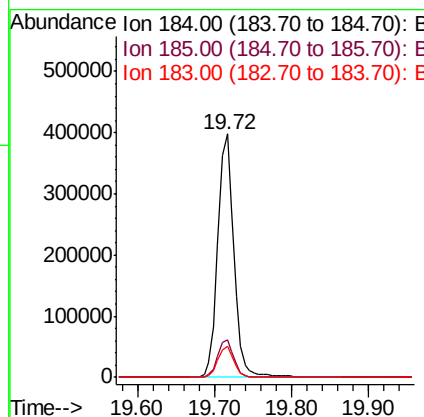
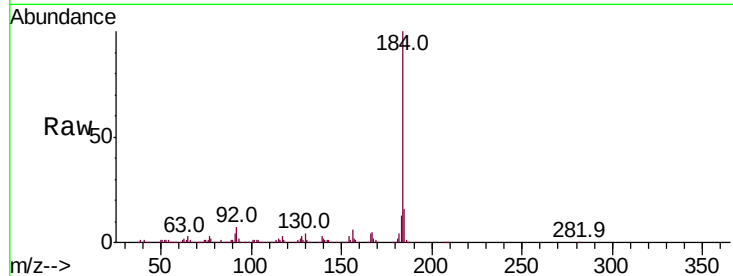
ClientSampleId :

PB114248BS

Tot Ion:	184	Resp:	573892
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.6	18.8
183	12.8	10.2	15.2

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#78

Pyrene

Concen: 43.558 ng

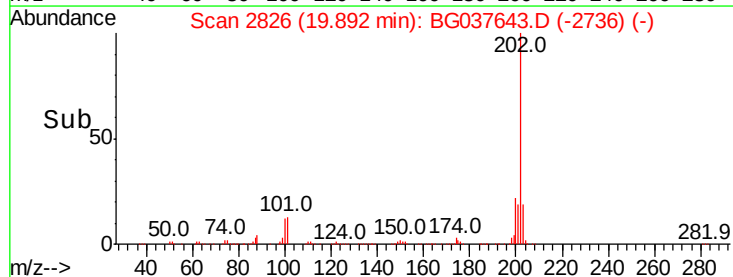
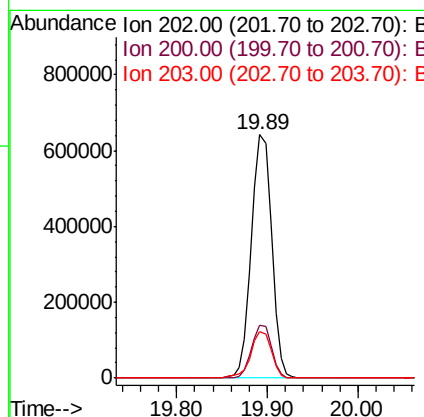
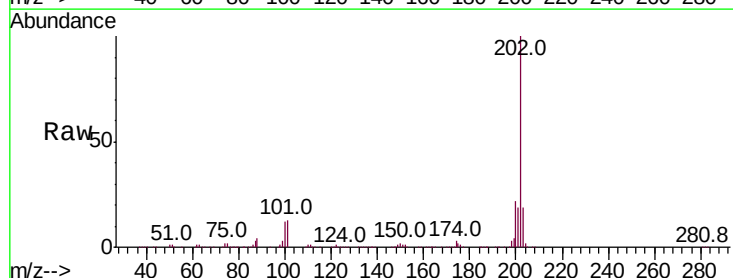
RT: 19.89 min Scan# 2826

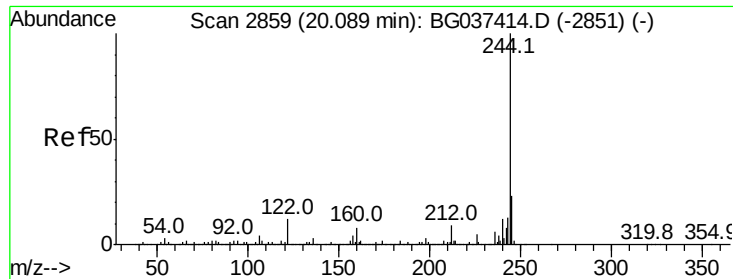
Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Tgt Ion:	202	Resp:	1000457
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.8	26.6
203	19.2	15.2	22.8





#79

Terphenyl-d14

Concen: 76.411 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

ClientSampleId :

PB114248BS

Tot Ion:244 Resp: 1256443

Ion Ratio Lower Upper

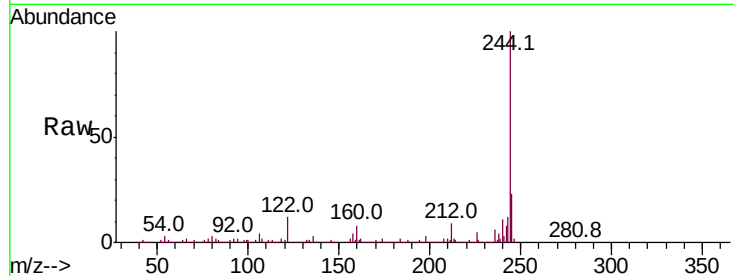
244 100

212 8.7 6.5 9.7

122 11.7 9.0 13.4

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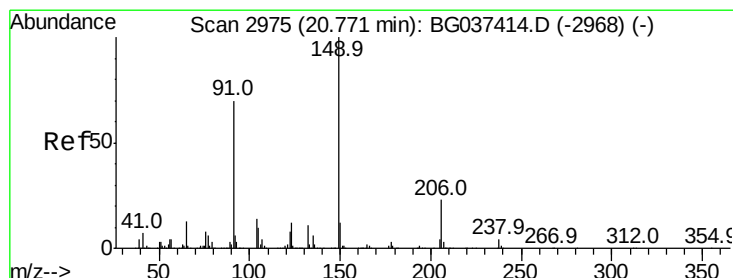
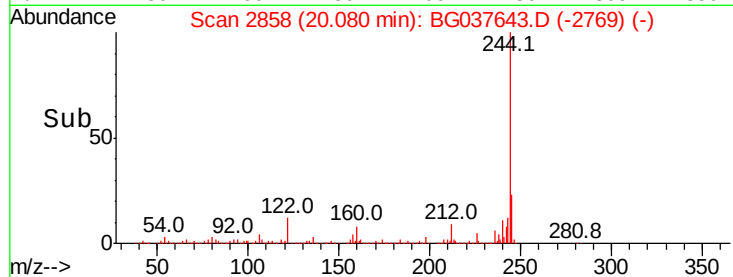
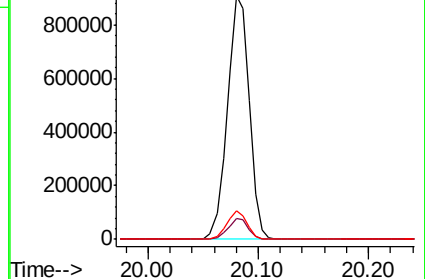
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.823 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

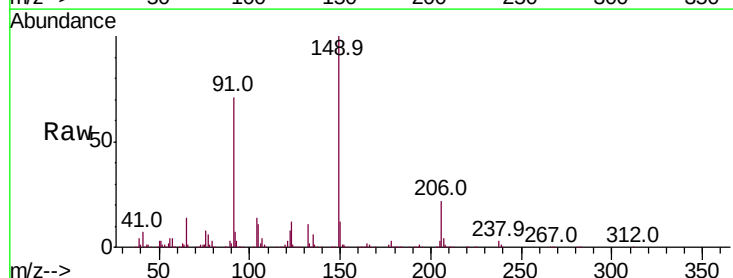
Tgt Ion:149 Resp: 430742

Ion Ratio Lower Upper

149 100

91 70.5 57.0 85.4

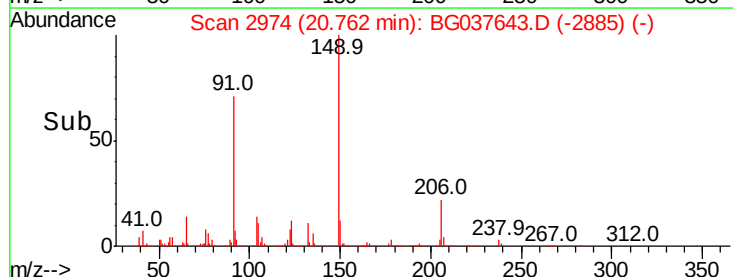
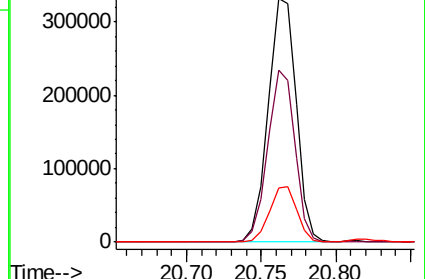
206 22.4 17.8 26.6

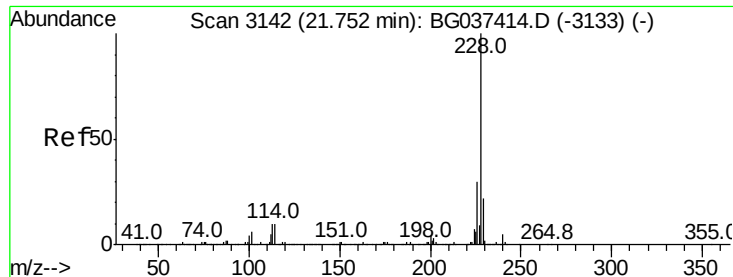


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.923 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

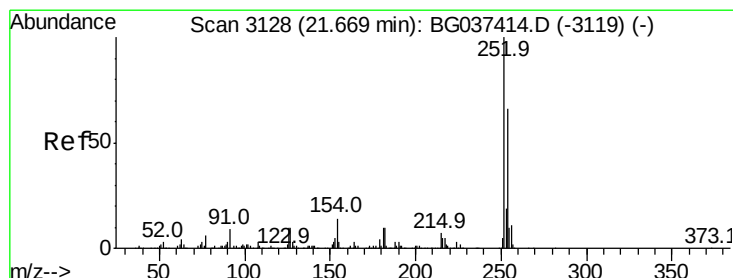
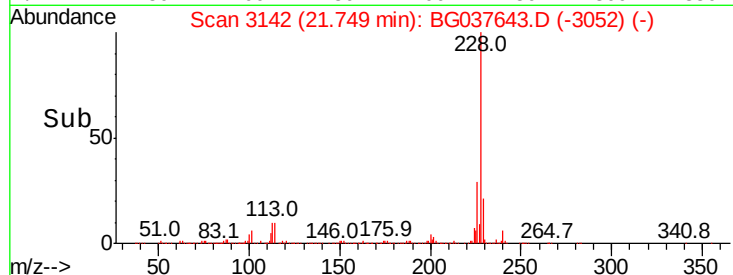
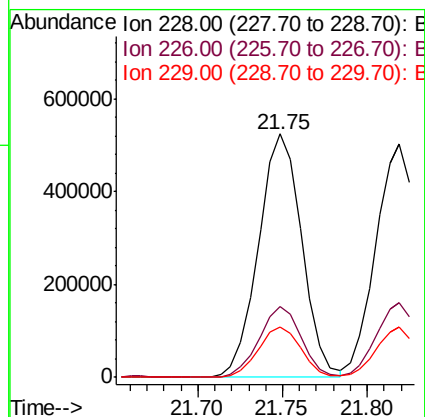
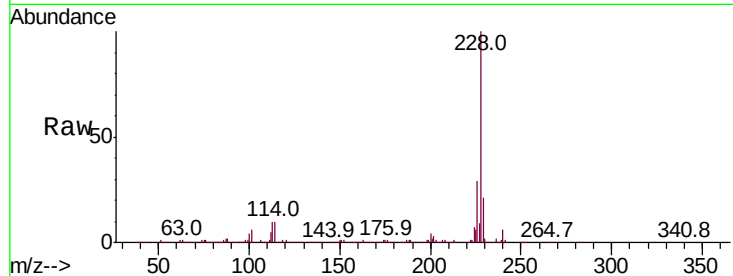
ClientSampleId :

PB114248BS

Tot Ion:	228	Resp:	933594
Ion Ratio	Lower	Upper	
228	100		
226	28.8	22.6	33.8
229	20.9	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 30.729 ng

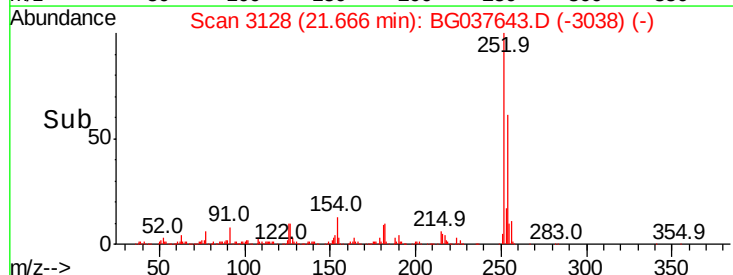
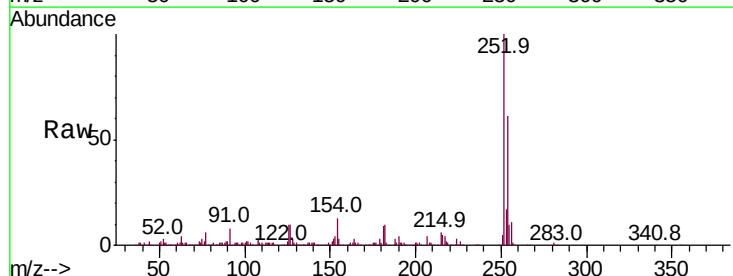
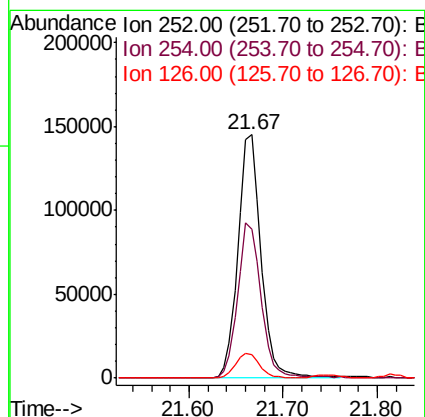
RT: 21.67 min Scan# 3128

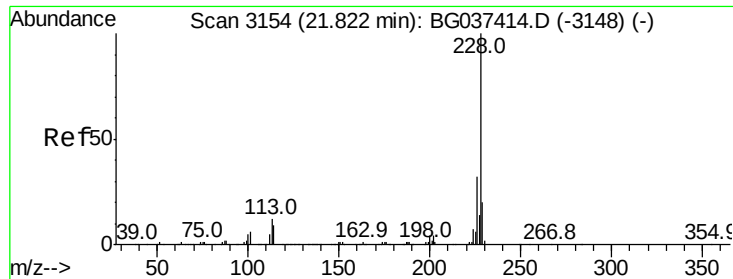
Delta R.T. -0.00 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Tgt Ion:	252	Resp:	247528
Ion Ratio	Lower	Upper	
252	100		
254	61.0	52.0	78.0
126	9.6	8.2	12.4





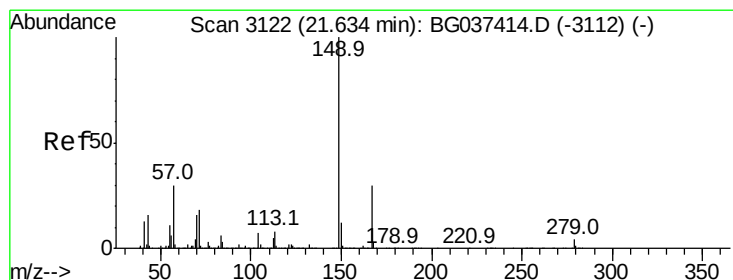
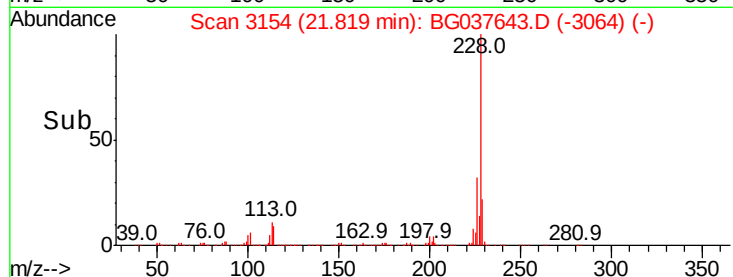
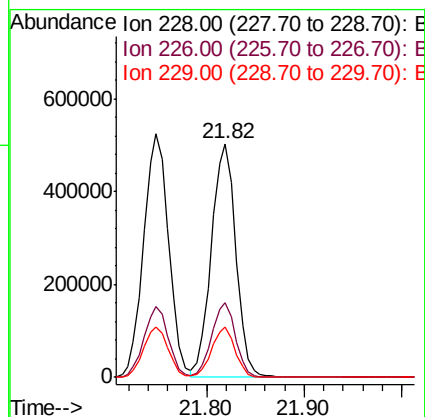
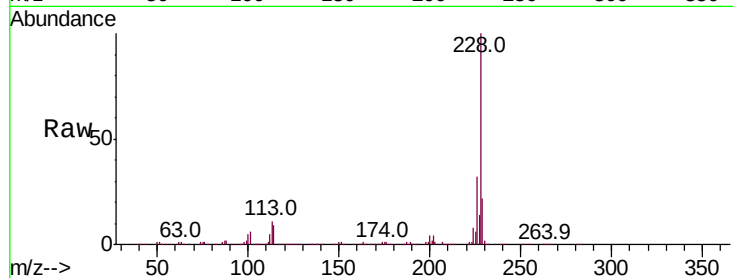
#83
Chrysene
Concen: 43.567 ng
RT: 21.82 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.7	38.5
229	21.7	16.5	24.7

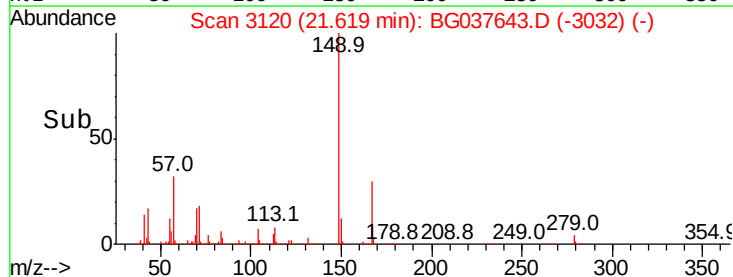
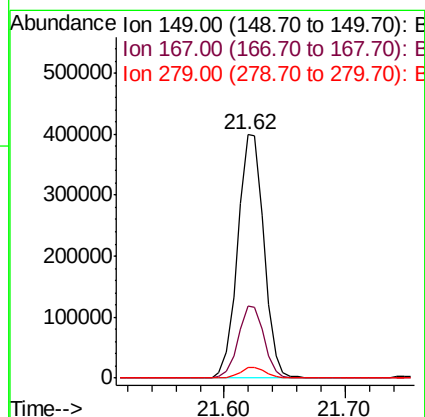
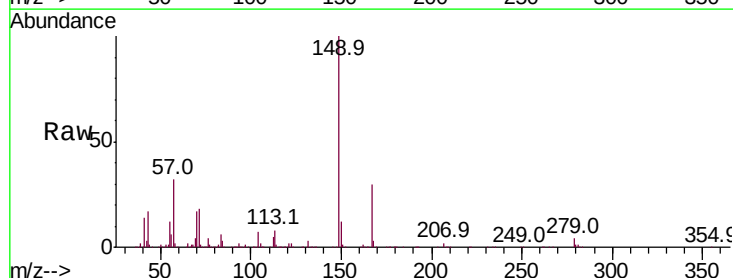
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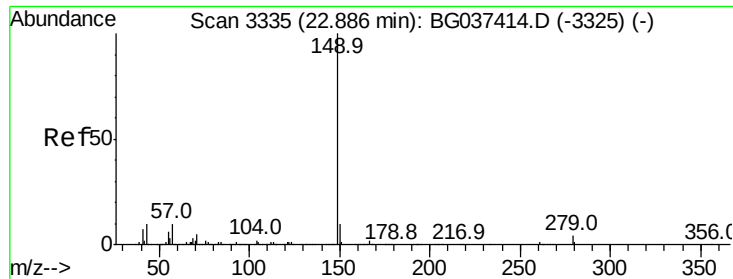
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.870 ng
RT: 21.62 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.9	23.0	34.4
279	4.3	3.6	5.4





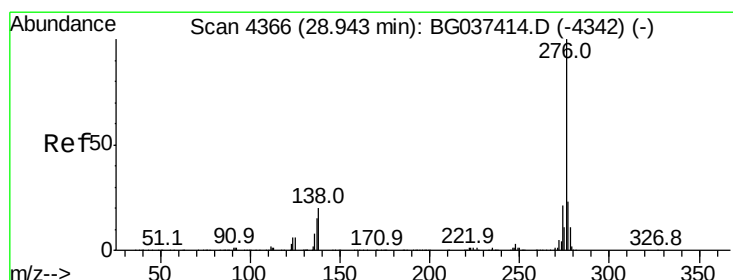
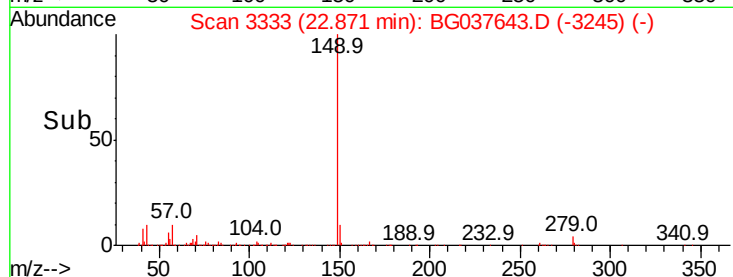
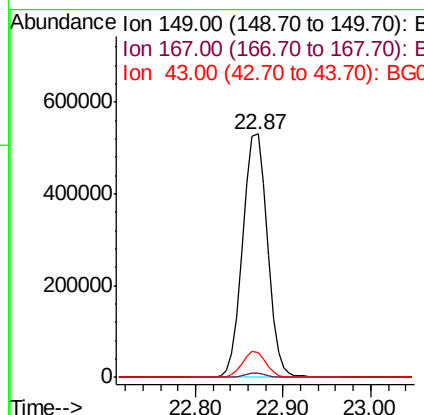
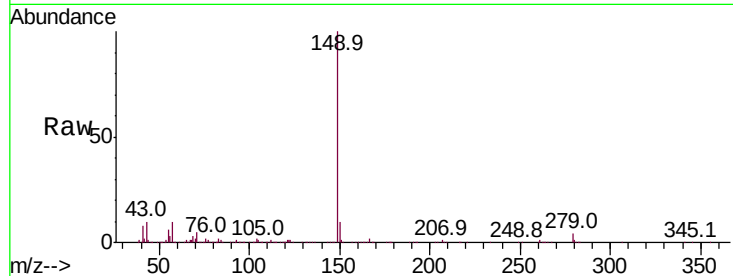
#85
Di-n-octyl phthalate
Concen: 46.979 ng
RT: 22.87 min Scan# 3333
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	10.2	8.7	13.1

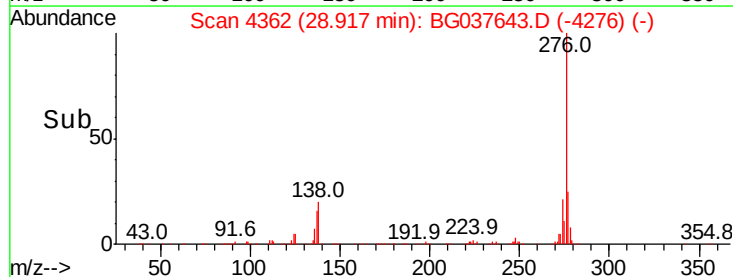
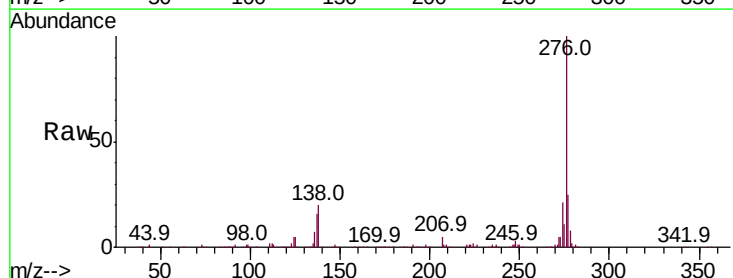
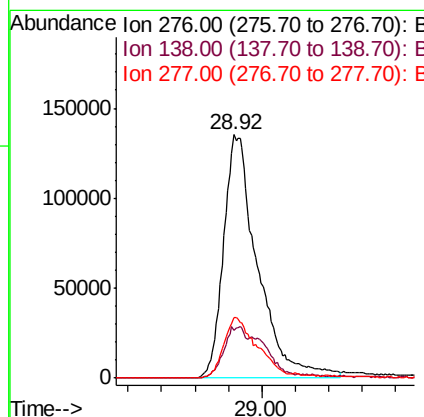
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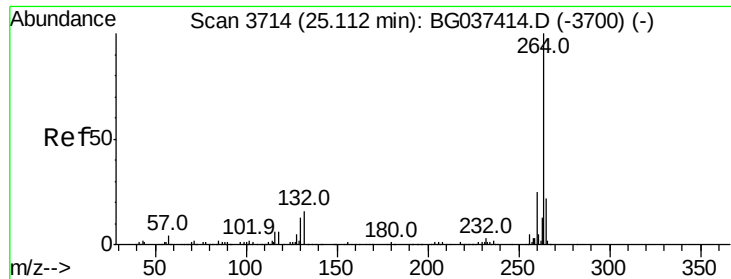
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#86
Indeno(1,2,3-cd)pyrene
Concen: 44.690 ng
RT: 28.92 min Scan# 4362
Delta R.T. -0.03 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.6	12.0	18.0
277	24.3	20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Instrument :

BNA_G

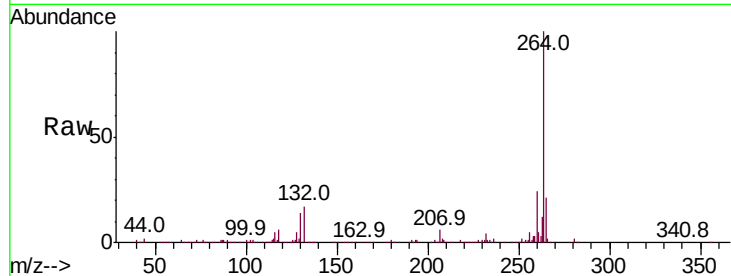
ClientSampleId :

PB114248BS

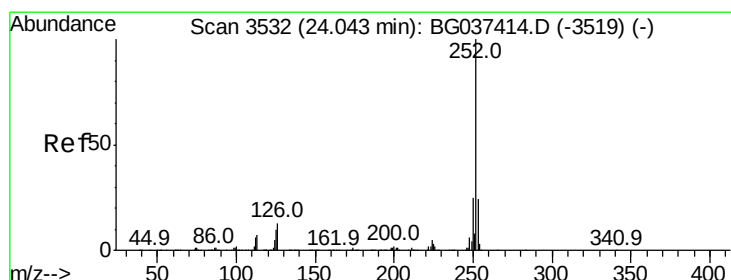
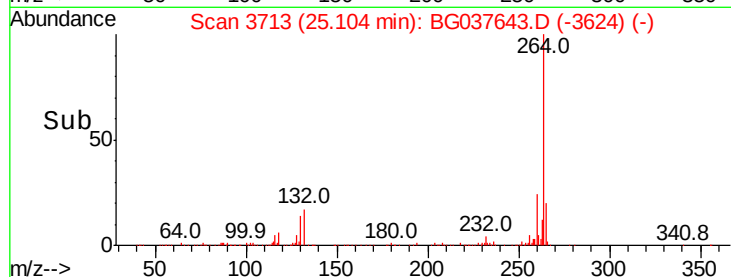
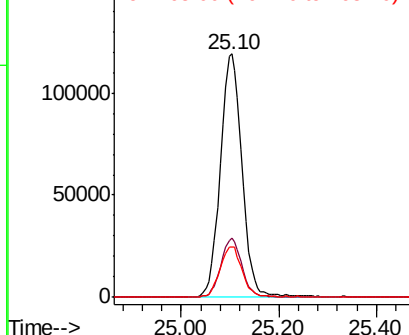
Tot Ion:	264	Resp:	367254
Ion Ratio	Lower	Upper	
264	100		
260	24.2	18.2	27.4
265	20.6	17.9	26.9

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.231 ng

RT: 24.03 min Scan# 3531

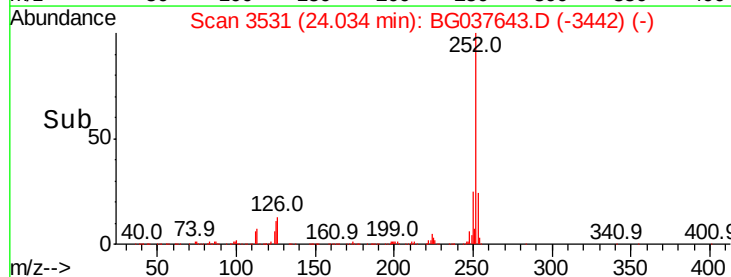
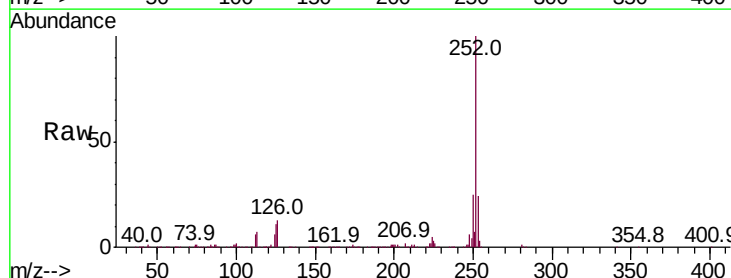
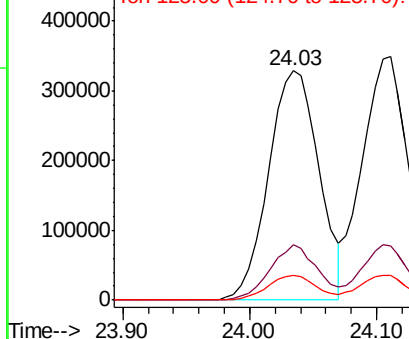
Delta R.T. -0.01 min

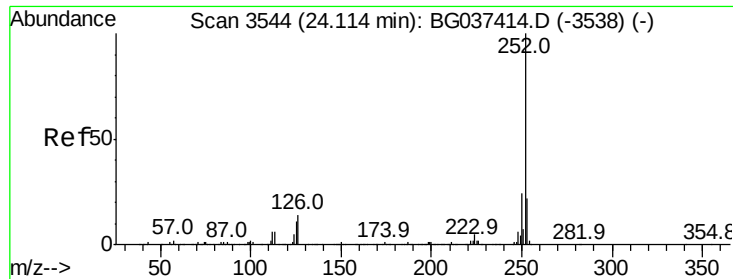
Lab File: BG037643.D

Acq: 30 Oct 2018 4:16

Tgt Ion:	252	Resp:	910684
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.2	27.2
125	10.9	7.8	11.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





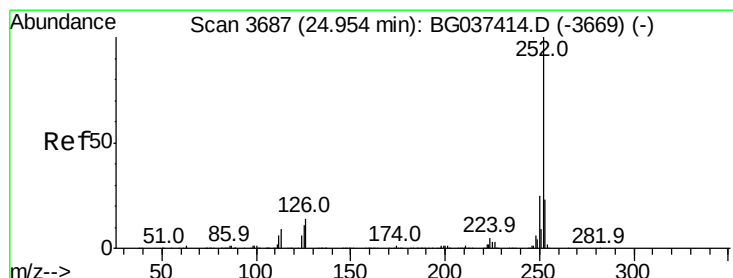
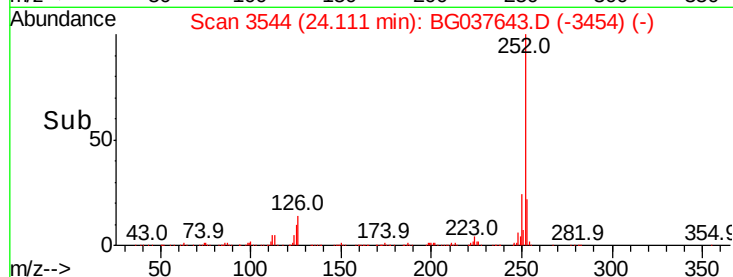
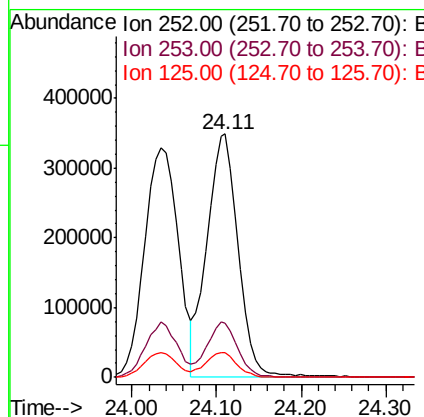
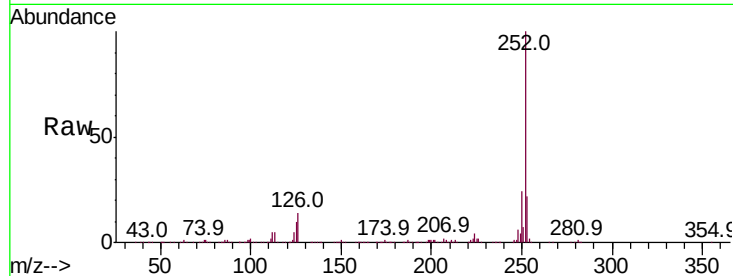
#89
Benzo(k)fluoranthene
Concen: 45.254 ng
RT: 24.11 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	10.2	7.4	11.0

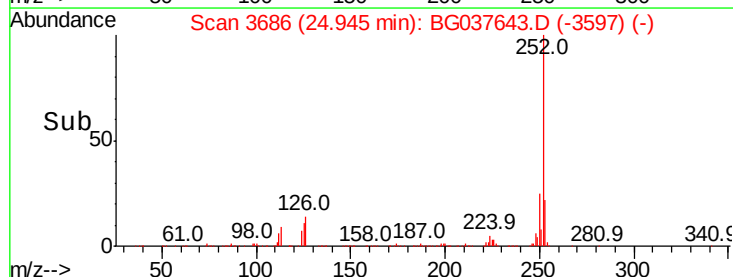
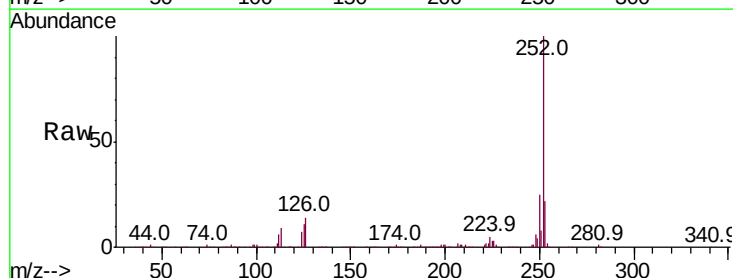
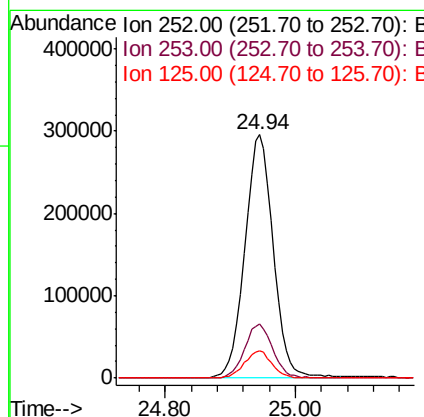
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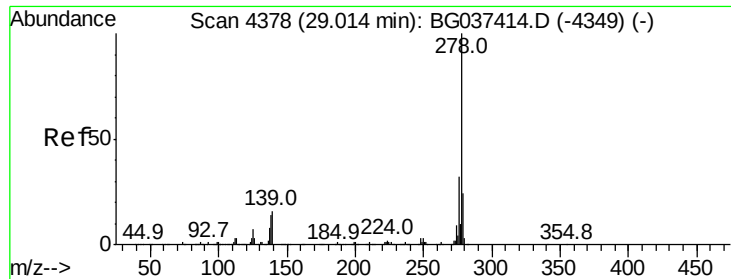
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#90
Benzo(a)pyrene
Concen: 46.484 ng
RT: 24.94 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	11.1	9.0	13.6





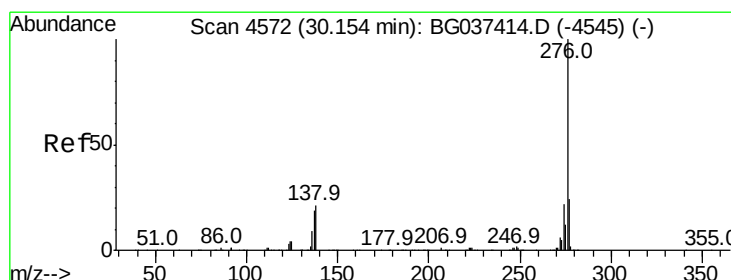
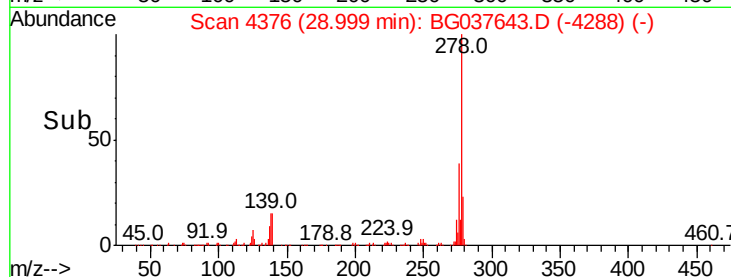
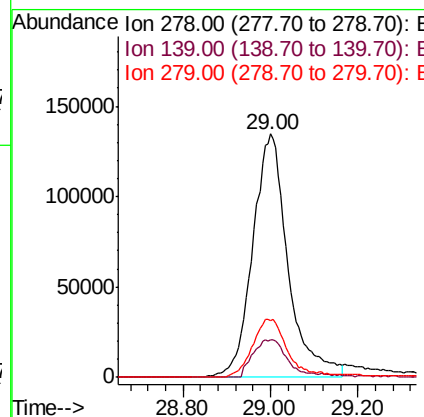
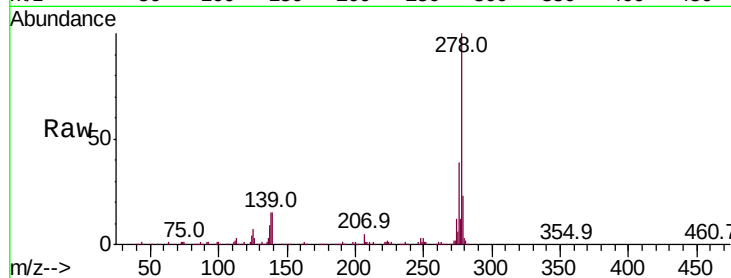
#91
Dibenzo(a,h)anthracene
Concen: 42.066 ng
RT: 29.00 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.5	17.3
279	23.3	18.6	27.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 42.173 ng
RT: 30.13 min Scan# 4568
Delta R.T. -0.03 min
Lab File: BG037643.D
Acq: 30 Oct 2018 4:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.9	28.3
138	22.2	17.2	25.8

