

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\
 Data File : BG031533.D
 Acq On : 13 Dec 2017 18:29
 Operator : SJ/JU
 Sample : PB104989BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104989BS

Manual Integrations
 APPROVED

Sohil
 12/15/2017 7:47:56 PM

Quant Time: Dec 13 19:30:34 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	44321	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	193838	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	138203	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	406811	20.00	ng	0.00
75) Chrysene-d12	21.75	240	475245	20.00	ng	0.00
86) Perylene-d12	25.03	264	472651	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	313000	125.18	ng	0.00
7) Phenol-d6	7.28	99	414588	119.44	ng	0.00
23) Nitrobenzene-d5	9.27	82	238365	75.80	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	222614	137.49	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	716596	76.11	ng	0.00
78) Terphenyl-d14	20.07	244	1613936	77.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	32920	27.593	ng	85
3) Pyridine	3.92	79	93276	29.694	ng	88
4) n-Nitrosodimethylamine	3.83	42	44572	30.125	ng	# 86
6) Aniline	7.43	93	53075	11.610	ng	92
8) 2-Chlorophenol	7.67	128	101523	36.400	ng	88
9) Benzaldehyde	7.25	77	70063	34.822	ng	94
10) Phenol	7.31	94	133439	37.421	ng	90
11) bis(2-Chloroethyl)ether	7.52	93	91116	31.307	ng	93
12) 1,3-Dichlorobenzene	7.99	146	108576	32.735	ng	96
13) 1,4-Dichlorobenzene	8.14	146	111004	32.202	ng	96
14) 1,2-Dichlorobenzene	8.46	146	104915	31.950	ng	99
15) Benzyl Alcohol	8.35	79	89090	32.809	ng	86
16) 2,2'-oxybis(1-Chloropropan	8.63	45	141083	43.149	ng	91
17) 2-Methylphenol	8.56	107	90039	37.042	ng	95
18) Hexachloroethane	9.19	117	38867	33.449	ng	92
19) n-Nitroso-di-n-propylamine	8.91	70	75116	27.493	ng	# 95
20) 3+4-Methylphenols	8.89	107	121817	33.641	ng	94
22) Acetophenone	8.93	105	154385	33.200	ng	# 94
24) Nitrobenzene	9.32	77	110854	34.399	ng	91
25) Isophorone	9.84	82	211048	35.510	ng	# 92
26) 2-Nitrophenol	10.03	139	56779	35.632	ng	93
27) 2,4-Dimethylphenol	10.09	122	104530	43.182	ng	91
28) bis(2-Chloroethoxy)methane	10.31	93	132689	34.582	ng	96
29) 2,4-Dichlorophenol	10.58	162	113488	39.793	ng	93
30) 1,2,4-Trichlorobenzene	10.78	180	121433	33.333	ng	98
31) Naphthalene	10.97	128	311076	32.667	ng	98
32) Benzoic acid	10.24	122	38427	32.353	ng	# 85
33) 4-Chloroaniline	11.10	127	18955	4.584	ng	97
34) Hexachlorobutadiene	11.25	225	78332	32.416	ng	96
35) Caprolactam	11.85	113	44956m	40.144	ng	
36) 4-Chloro-3-methylphenol	12.21	107	124895	38.365	ng	# 84
37) 2-Methylnaphthalene	12.57	142	251083	34.054	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	164901	30.530	ng	96
40) Hexachlorocyclopentadiene	12.91	237	74188	50.054	ng	88

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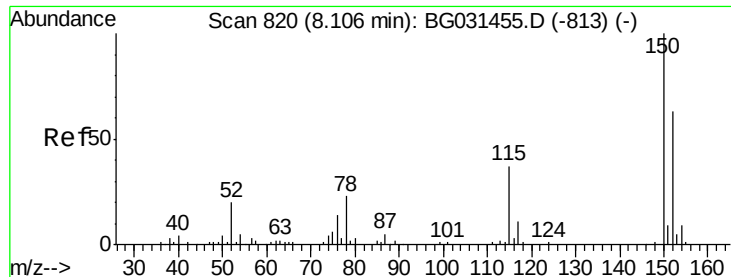
Manual Integrations
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 12/15/2017 7:47:56 PM

Quant Time: Dec 13 19:30:34 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	105924	38.384	ng	99
43) 2,4,5-Trichlorophenol	13.27	196	116570	39.214	ng	95
45) 1,1'-Biphenyl	13.56	154	357451	31.490	ng	98
46) 2-Chloronaphthalene	13.61	162	279694	33.665	ng	96
47) 2-Nitroaniline	13.82	65	83126	35.606	ng	# 80
48) Acenaphthylene	14.45	152	443059	33.143	ng	99
49) Dimethylphthalate	14.18	163	406482	35.526	ng	100
50) 2,6-Dinitrotoluene	14.31	165	91819	37.544	ng	# 76
51) Acenaphthene	14.80	154	272771	32.270	ng	99
52) 3-Nitroaniline	14.65	138	15623	6.267	ng	# 76
53) 2,4-Dinitrophenol	14.86	184	68652	68.708	ng	# 47
54) Dibenzofuran	15.12	168	474347	35.166	ng	99
55) 4-Nitrophenol	14.97	139	142716	84.512	ng	# 84
56) 2,4-Dinitrotoluene	15.10	165	139772	40.238	ng	# 75
57) Fluorene	15.78	166	385220	35.642	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	119846	42.892	ng	# 90
59) Diethylphthalate	15.53	149	427042	37.235	ng	98
60) 4-Chlorophenyl-phenylether	15.76	204	222555	33.657	ng	92
61) 4-Nitroaniline	15.81	138	96286	36.804	ng	93
62) Azobenzene	16.05	77	334261	35.183	ng	94
64) 4,6-Dinitro-2-methylphenol	15.86	198	73941	31.867	ng	77
65) n-Nitrosodiphenylamine	15.98	169	371036	31.160	ng	99
66) 4-Bromophenyl-phenylether	16.65	248	152058	32.144	ng	96
67) Hexachlorobenzene	16.78	284	155764	31.887	ng	97
68) Atrazine	16.92	200	169465	38.922	ng	99
69) Pentachlorophenol	17.13	266	131427	57.673	ng	99
70) Phenanthrene	17.52	178	719082	33.845	ng	99
71) Anthracene	17.60	178	742806	35.350	ng	99
72) Carbazole	17.87	167	709602	37.317	ng	100
73) Di-n-butylphthalate	18.41	149	841164	38.305	ng	98
74) Fluoranthene	19.52	202	997100	37.500	ng	98
76) Benzidine	19.72	184	102566	9.274	ng	98
77) Pyrene	19.88	202	1028224	34.820	ng	98
79) Butylbenzylphthalate	20.74	149	387787	37.433	ng	86
80) Benzo(a)anthracene	21.72	228	991292	34.558	ng	99
81) 3,3'-Dichlorobenzidine	21.63	252	186637	18.695	ng	99
82) Chrysene	21.79	228	944405	34.343	ng	98
83) Bis(2-ethylhexyl)phthalate	21.60	149	542687	36.412	ng	99
84) Di-n-octyl phthalate	22.82	149	919694	37.409	ng	# 94
85) Indeno(1,2,3-cd)pyrene	28.81	276	1082681	36.840	ng	99
87) Benzo(b)fluoranthene	23.98	252	962184	34.050	ng	98
88) Benzo(k)fluoranthene	24.05	252	972981	33.741	ng	99
89) Benzo(a)pyrene	24.88	252	955246	35.636	ng	98
90) Dibenzo(a,h)anthracene	28.85	278	906910	35.380	ng	98
91) Benzo(g,h,i)perylene	29.98	276	899375	35.688	ng	98

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



#1

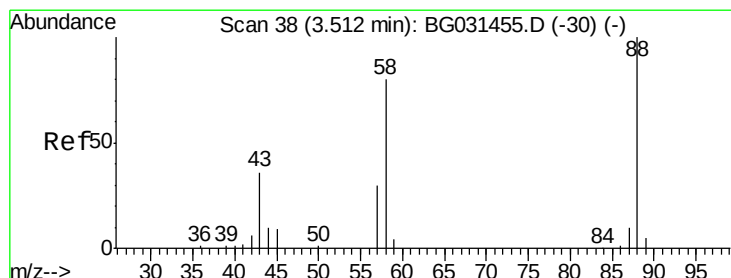
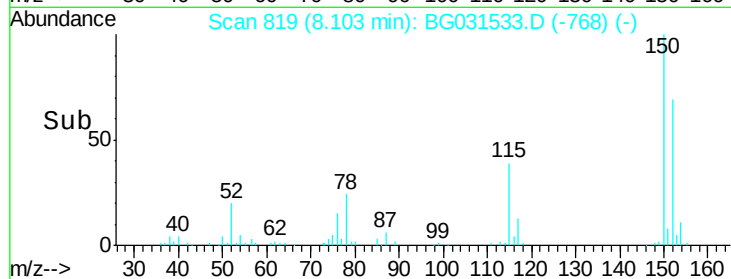
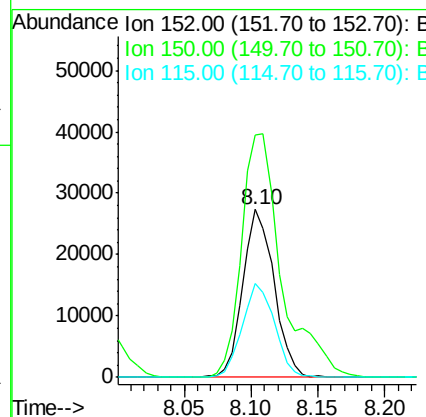
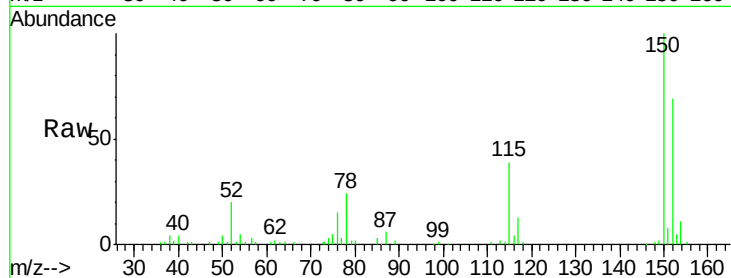
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Instrument :
BNA_G
ClientSampled :
PB104989BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.6	126.6	189.8
115	55.8	53.0	79.4

Manual Integrations
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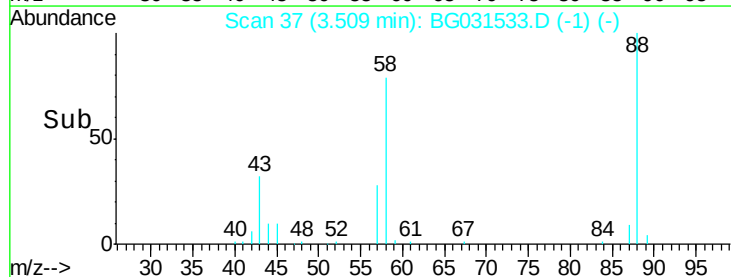
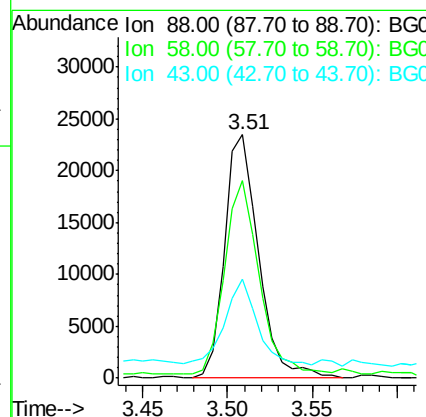
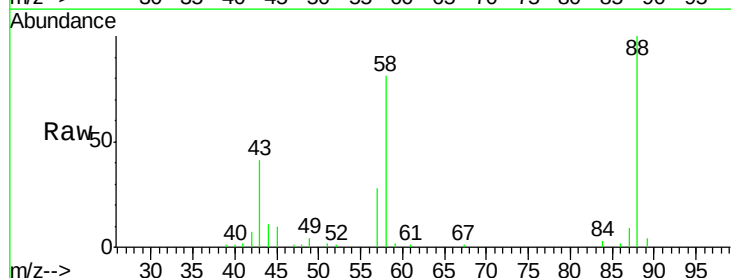
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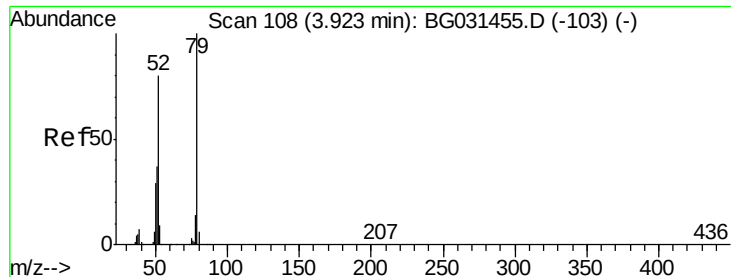


#2

1,4-Dioxane
Concen: 27.593 ng
RT: 3.51 min Scan# 37
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.9	79.6	119.4
43	34.0	27.4	41.0





#3

Pvridine

Concen: 29.694 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

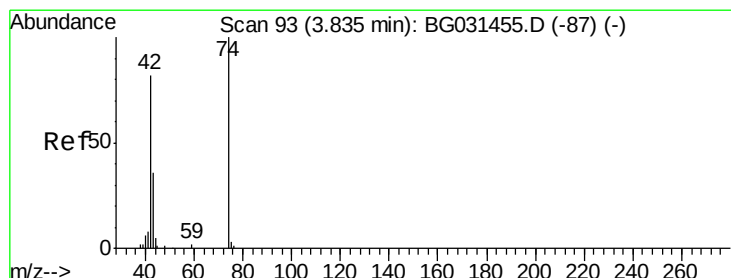
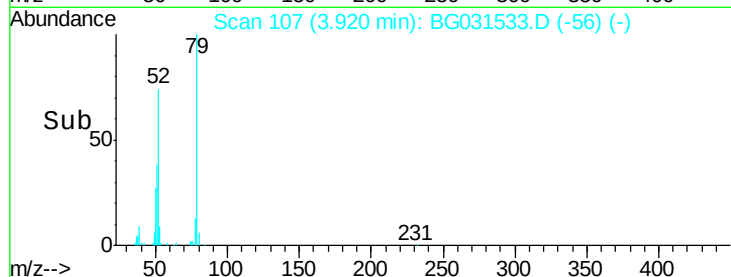
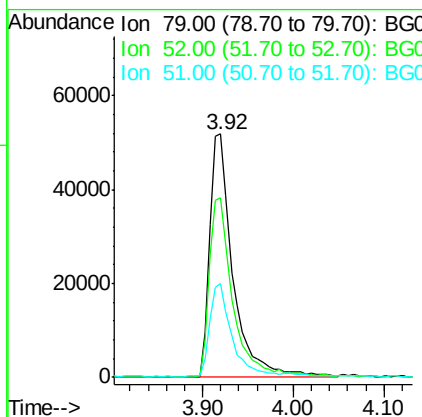
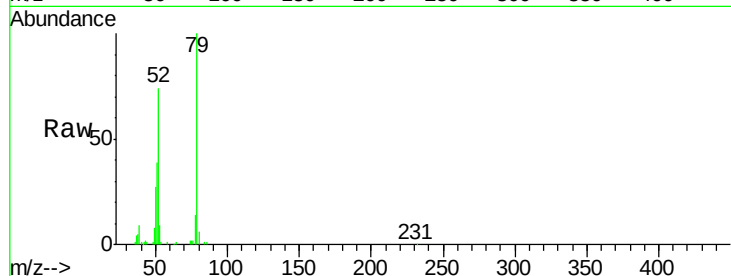
ClientSampleId :

PB104989BS

Tot Ion:	79	Resp:	93276
Ion	Ratio	Lower	Upper
79	100		
52	73.8	69.9	104.9
51	38.6	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 30.125 ng

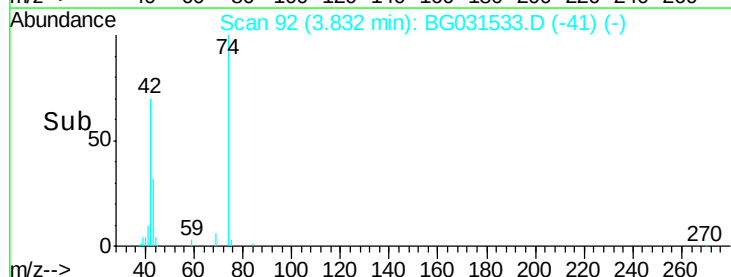
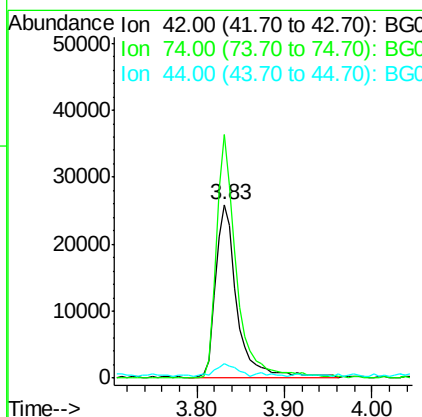
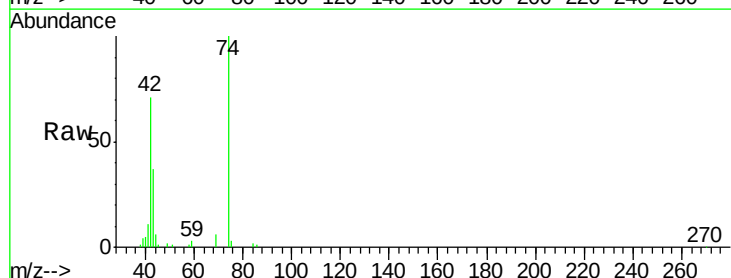
RT: 3.83 min Scan# 92

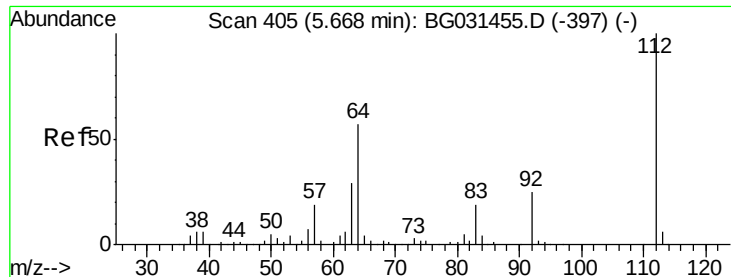
Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Tgt Ion:	42	Resp:	44572
Ion	Ratio	Lower	Upper
42	100		
74	140.5	102.5	153.7
44	8.6	18.9	28.3#





#5

2-Fluorophenol

Concen: 125.177 ng

RT: 5.67 min Scan# 405

Delta R.T. 0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

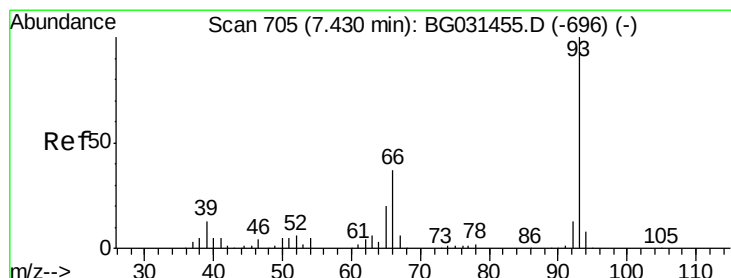
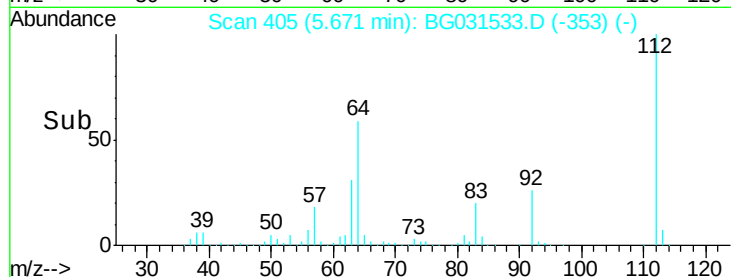
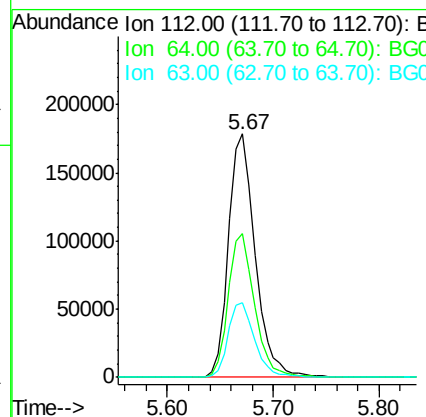
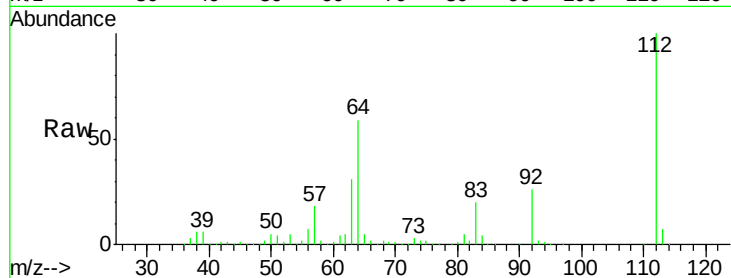
ClientSampleID :

PB104989BS

Tot Ion:	112	Resp:	313000
Ion Ratio	Lower	Upper	
112	100		
64	58.9	56.3	84.5
63	30.9	30.1	45.1

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#6

Aniline

Concen: 11.610 ng

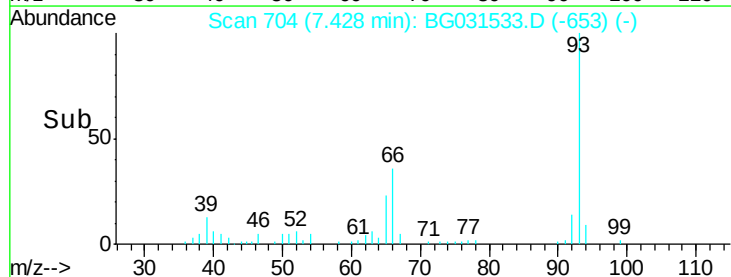
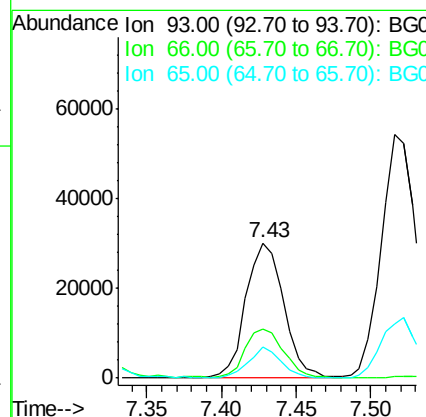
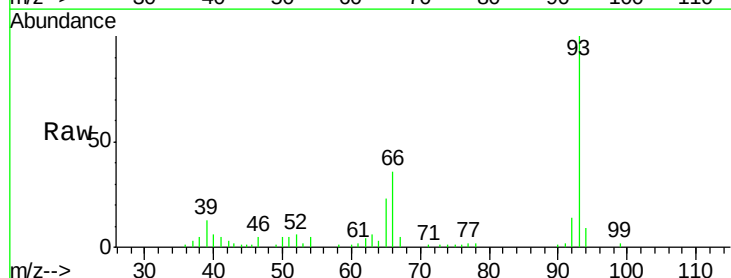
RT: 7.43 min Scan# 704

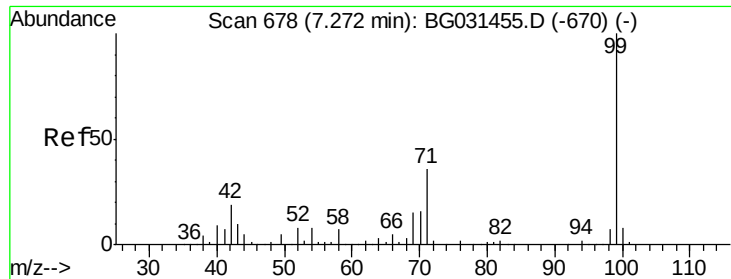
Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Tgt Ion:	93	Resp:	53075
Ion Ratio	Lower	Upper	
93	100		
66	36.4	33.7	50.5
65	22.6	16.1	24.1





#7

Phenol-d6

Concen: 119.436 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

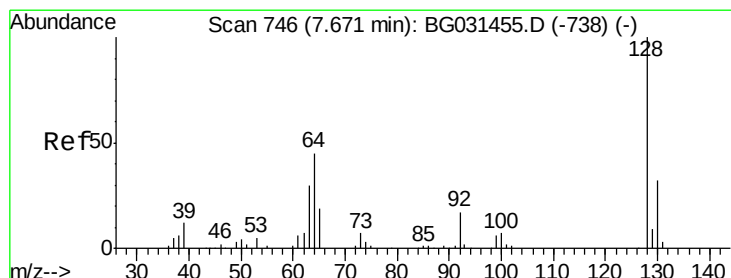
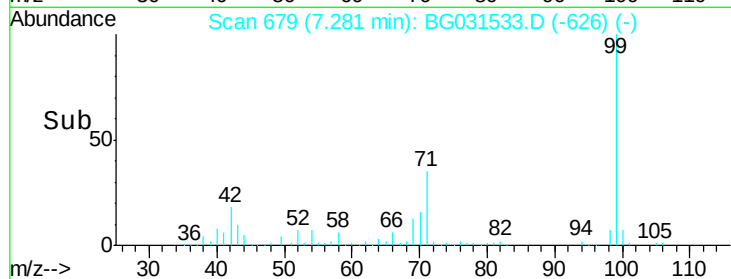
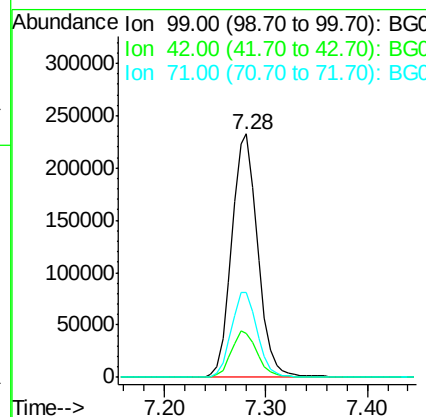
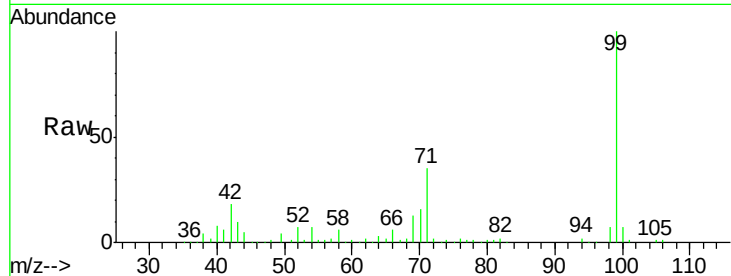
ClientSampleId :

PB104989BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		414588		
42	17.9	14.1	21.1		
71	35.0	26.1	39.1		

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#8

2-Chlorophenol

Concen: 36.400 ng

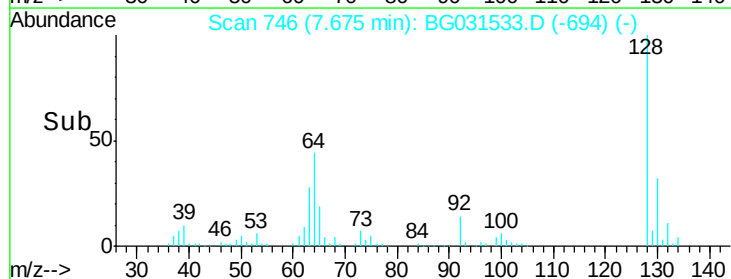
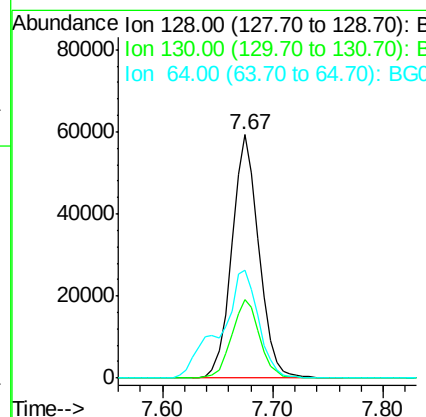
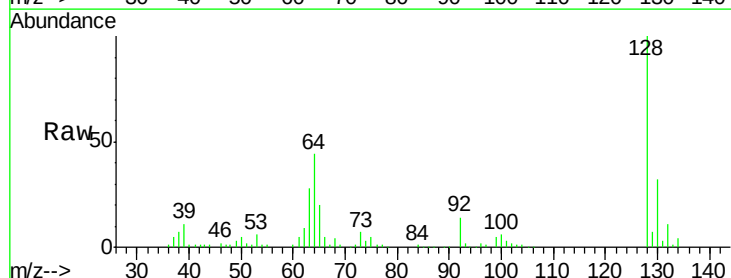
RT: 7.67 min Scan# 746

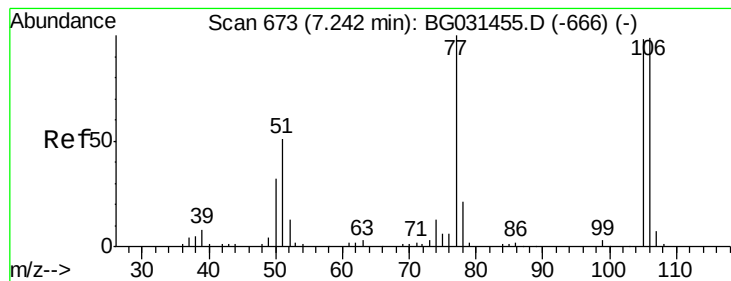
Delta R.T. 0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		101523		
130	32.3	14.0	54.0		
64	44.4	37.7	77.7		





#9

Benzaldehyde

Concen: 34.822 ng

RT: 7.25 min Scan# 673

Delta R.T. 0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

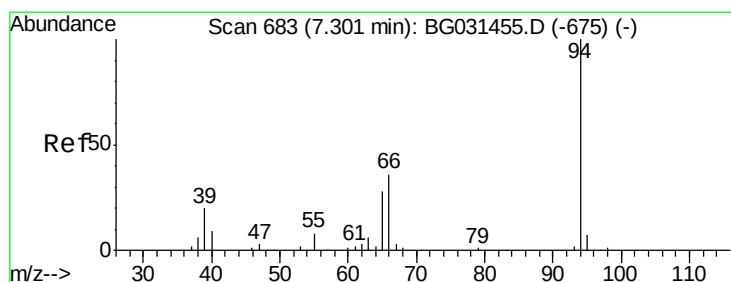
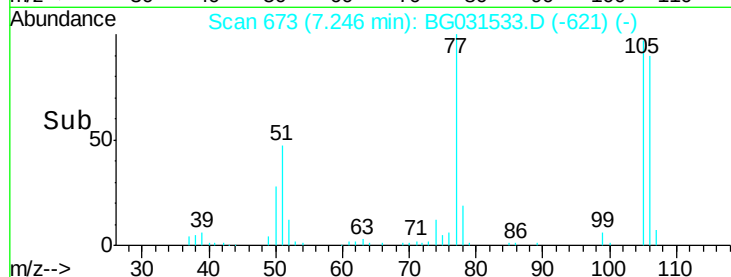
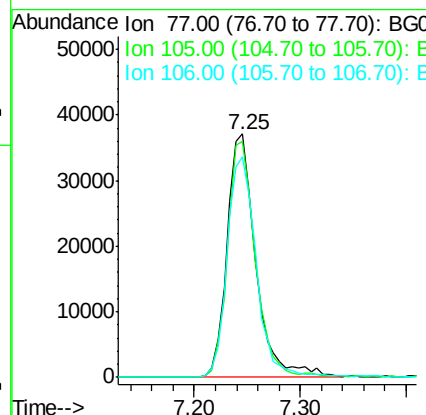
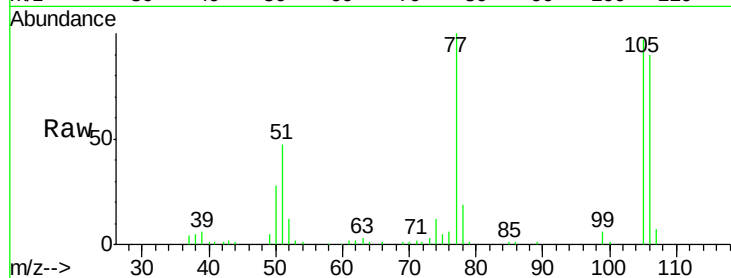
ClientSampleID :

PB104989BS

Tot Ion:	77	Resp:	70063
Ion	Ratio	Lower	Upper
77	100		
105	97.0	71.3	111.3
106	90.4	64.2	104.2

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#10

Phenol

Concen: 37.421 ng

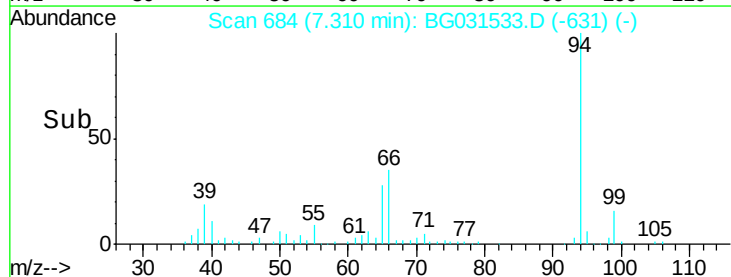
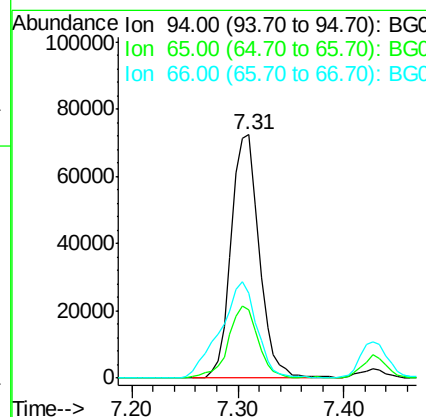
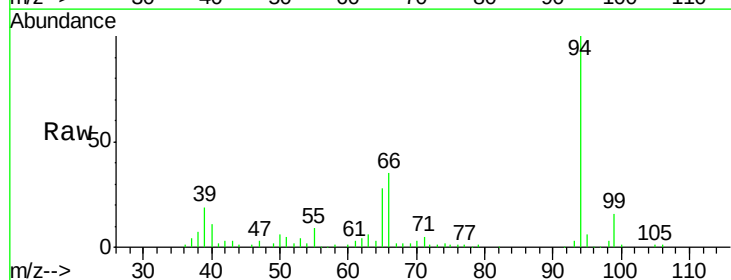
RT: 7.31 min Scan# 684

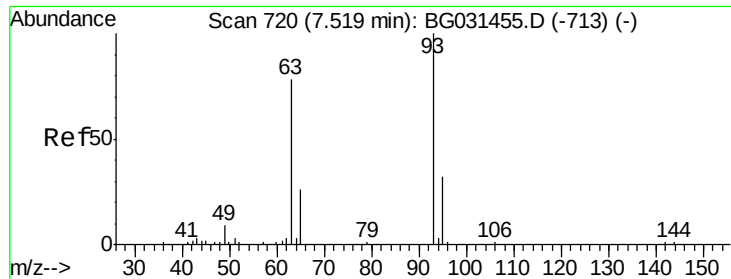
Delta R.T. 0.01 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Tgt Ion:	94	Resp:	133439
Ion	Ratio	Lower	Upper
94	100		
65	27.9	11.9	51.9
66	35.0	22.2	62.2





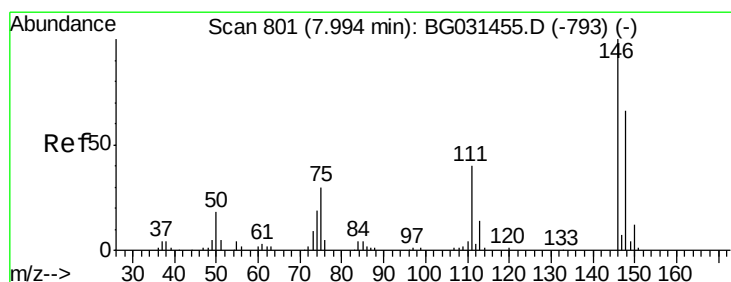
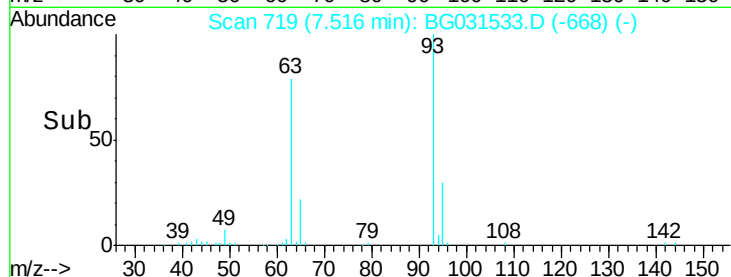
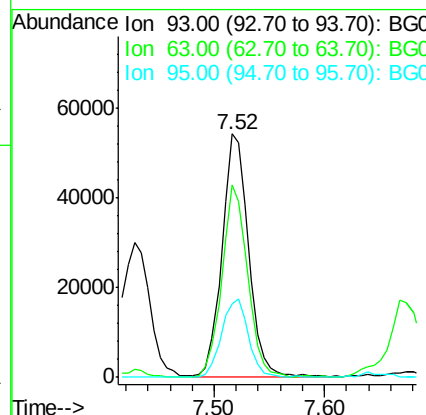
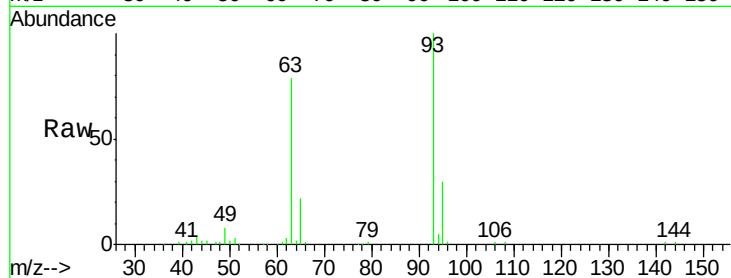
#11
bis(2-Chloroethyl)ether
Concen: 31.307 ng
RT: 7.52 min Scan# 719
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Instrument :
BNA_G
ClientSampleId :
PB104989BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.1	67.1	107.1
95	30.2	11.5	51.5

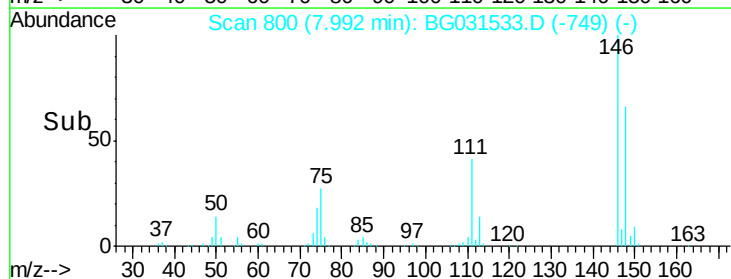
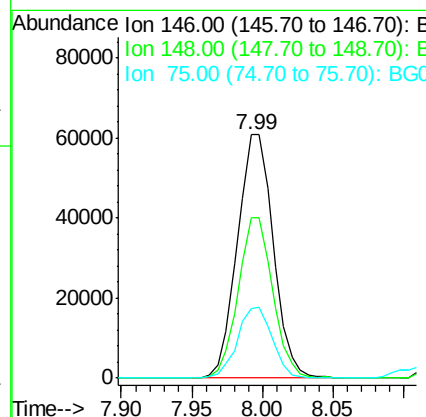
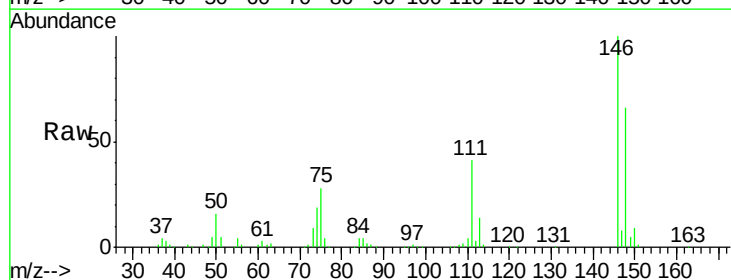
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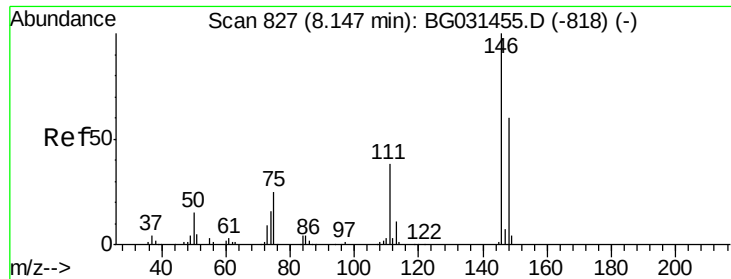
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#12
1,3-Dichlorobenzene
Concen: 32.735 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.4	77.2
75	28.4	26.6	39.8





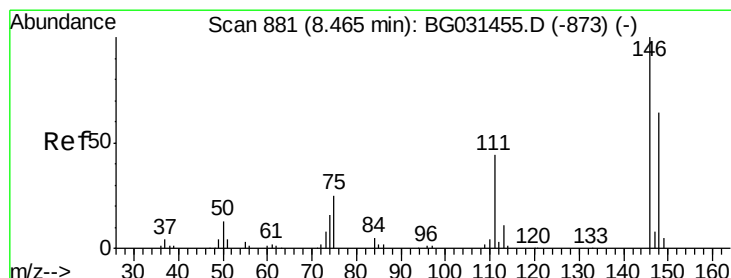
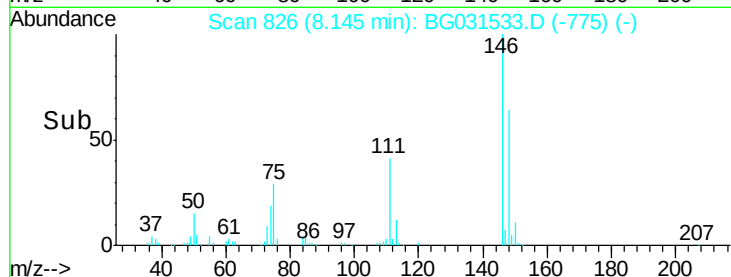
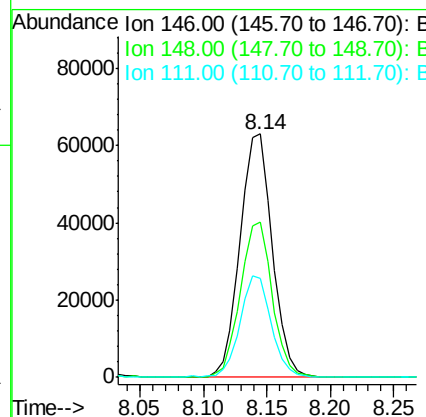
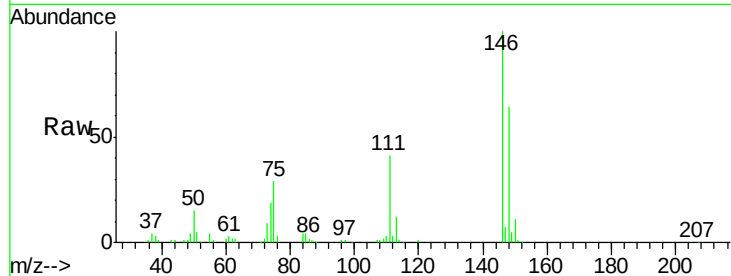
#13
 1,4-Dichlorobenzene
 Concen: 32.202 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Instrument :
 BNA_G
 ClientSampleId :
 PB104989BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	53.7	80.5
111	40.6	35.2	52.8

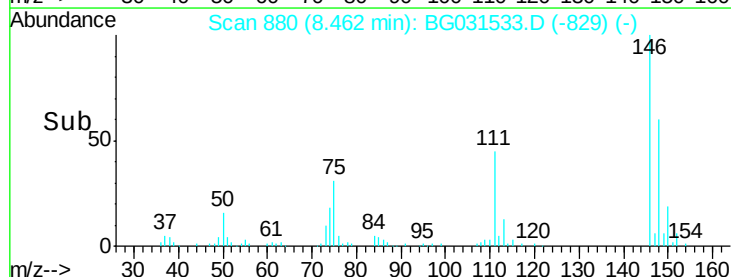
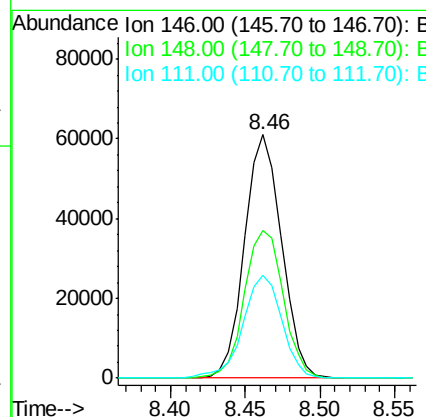
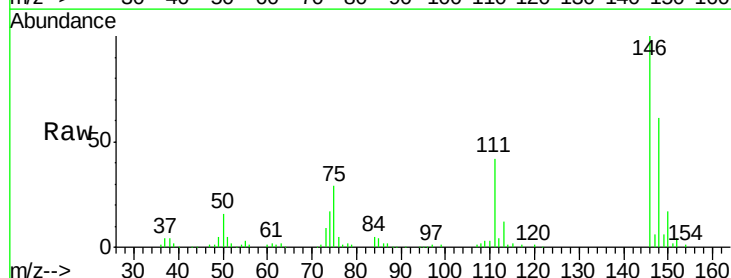
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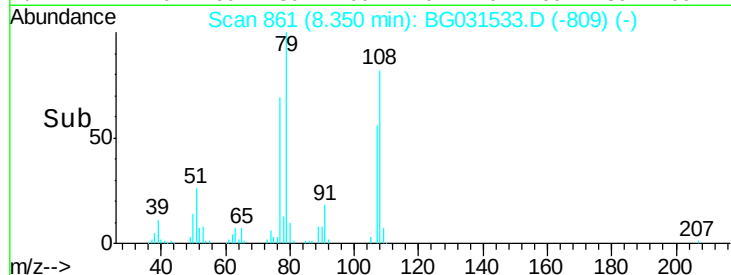
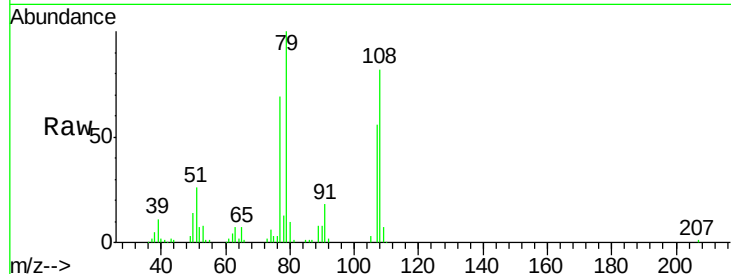
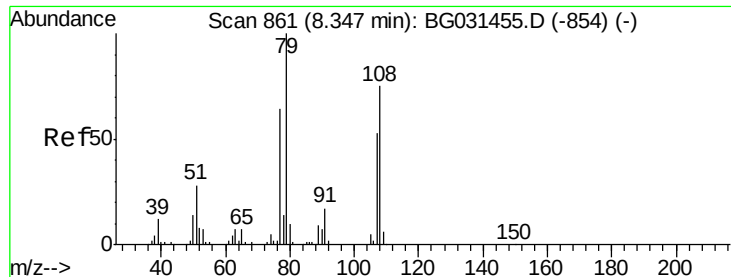
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#14
 1,2-Dichlorobenzene
 Concen: 31.950 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.7	49.3	73.9
111	42.5	34.3	51.5





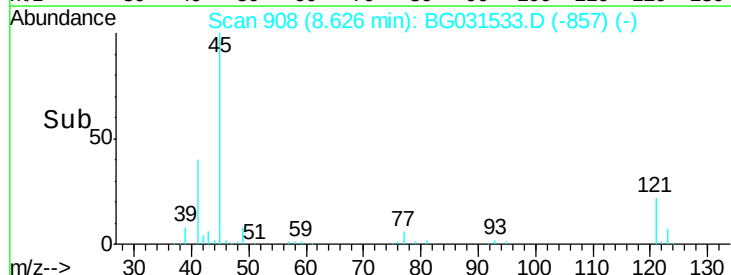
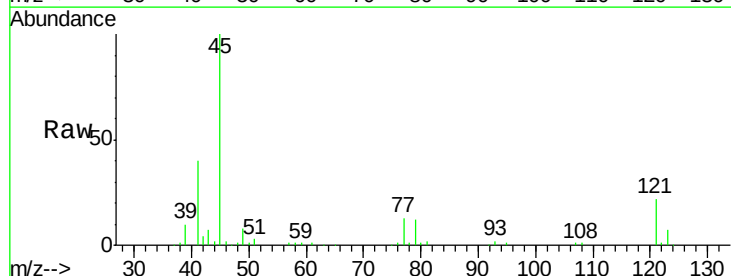
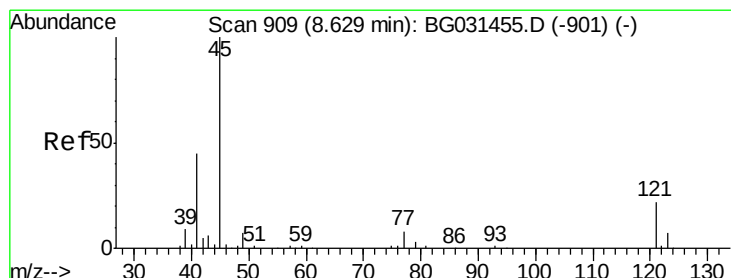
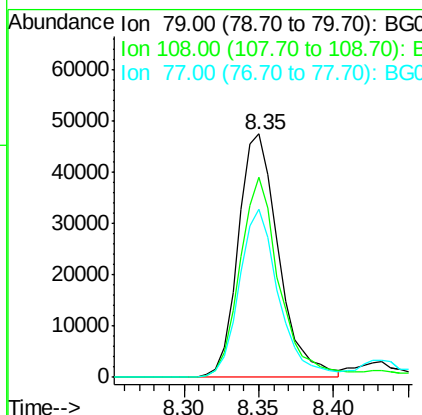
#15
Benzyl Alcohol
Concen: 32.809 ng
RT: 8.35 min Scan# 861
Delta R.T. 0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.1	57.2	85.8
77	68.8	46.1	69.1

Instrument :
BNA_G
ClientSampleId :
PB104989BS

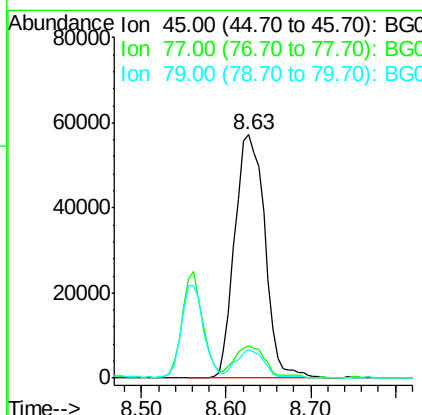
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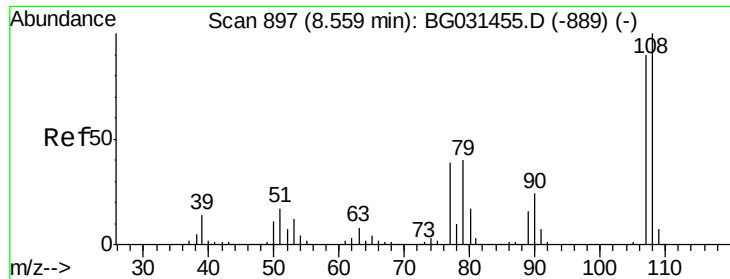
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#16
2,2'-oxybis(1-chloropropane)
Concen: 43.149 ng
RT: 8.63 min Scan# 908
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.2	0.0	30.2
79	11.5	0.0	27.9





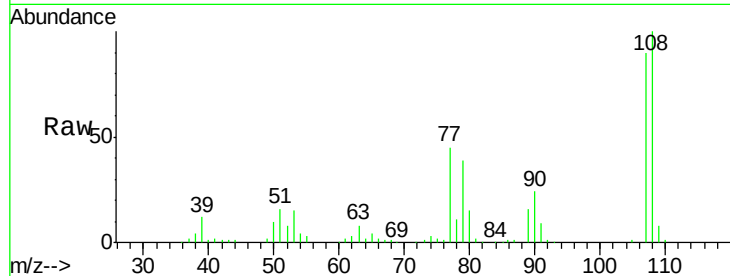
#17
2-Methylphenol
Concen: 37.042 ng
RT: 8.56 min Scan# 897
Delta R.T. 0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Instrument :
BNA_G
ClientSampleId :
PB104989BS

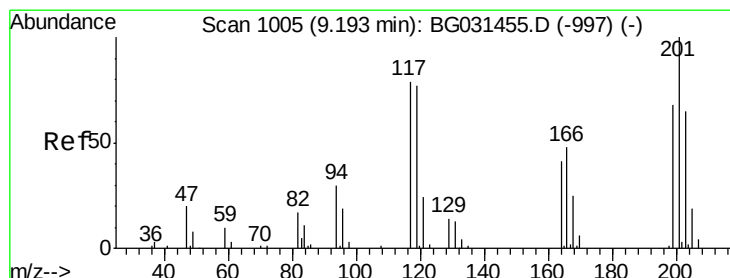
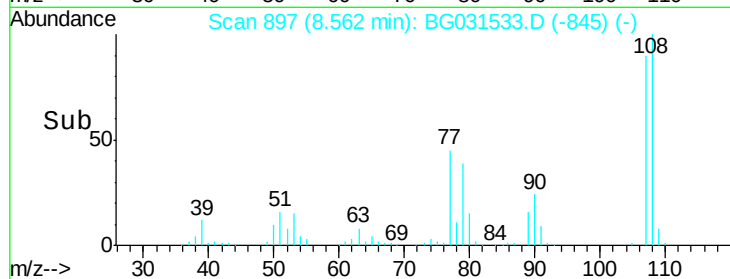
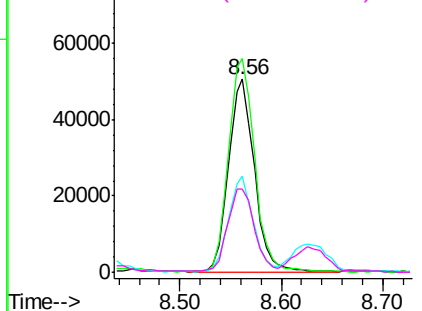
Tot Ion:	107	Resp:	90039
Ion	Ratio	Lower	Upper
107	100		
108	110.6	83.9	125.9
77	49.7	37.2	55.8
79	42.8	36.2	54.2

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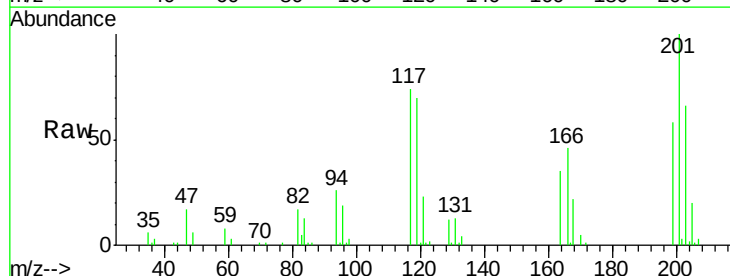


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

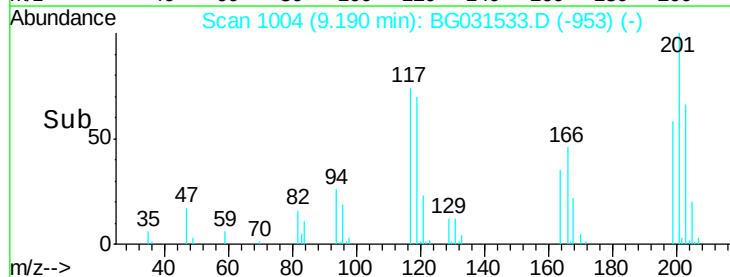
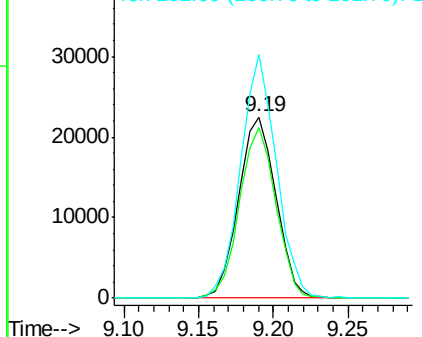


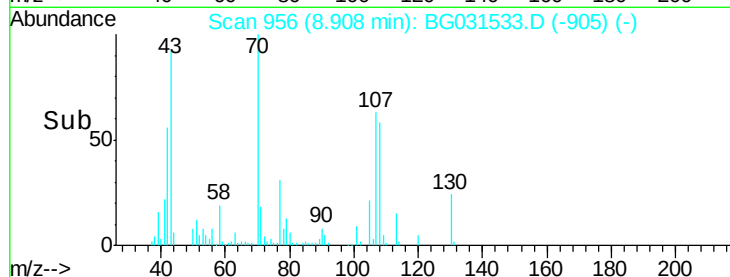
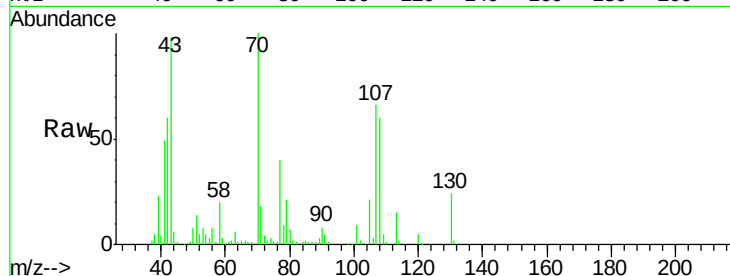
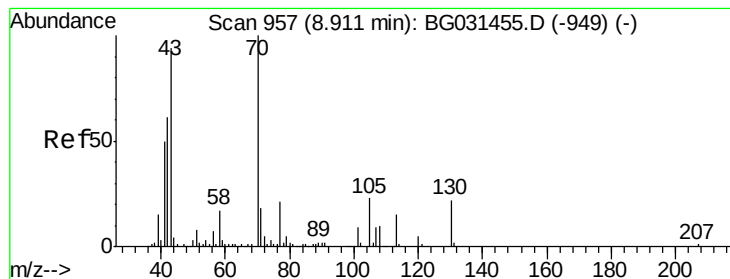
#18
Hexachloroethane
Concen: 33.449 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Tgt Ion:	117	Resp:	38867
Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.7	115.1
201	134.6	95.7	143.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 27.493 ng

RT: 8.91 min Scan# 956

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

ClientSampleId :

PB104989BS

Tot Ion: 70 Resp: 75116

Ion Ratio Lower Upper

70 100

42 59.7 49.1 73.7

101 9.4 8.5 12.7

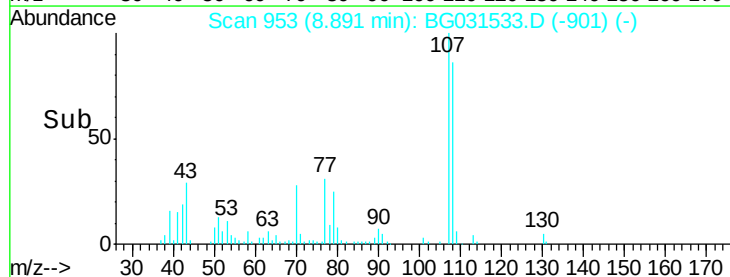
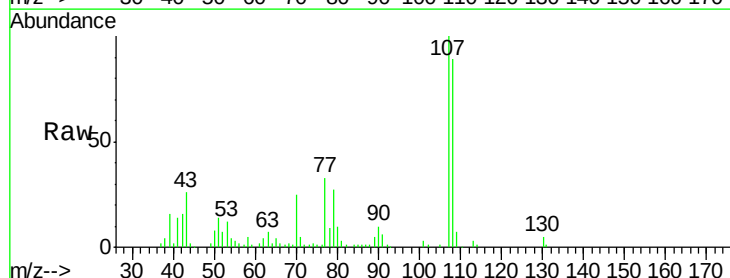
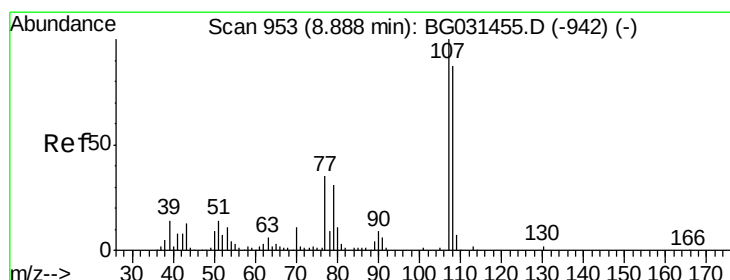
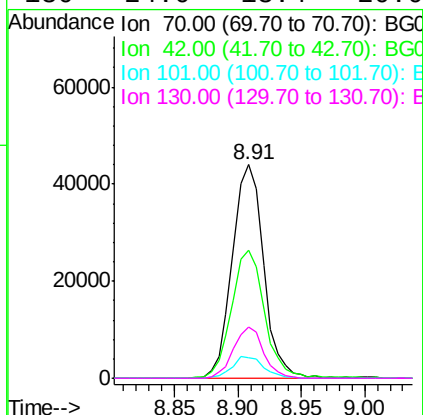
130 24.0 13.4 20.0#

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#20

3+4-Methylphenols

Concen: 33.641 ng

RT: 8.89 min Scan# 953

Delta R.T. 0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Tgt Ion: 107 Resp: 121817

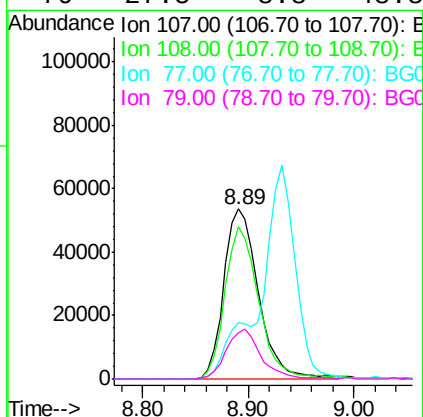
Ion Ratio Lower Upper

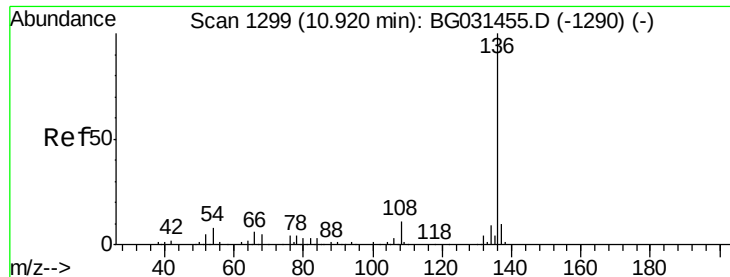
107 100

108 89.4 61.6 101.6

77 33.2 13.9 53.9

79 27.5 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

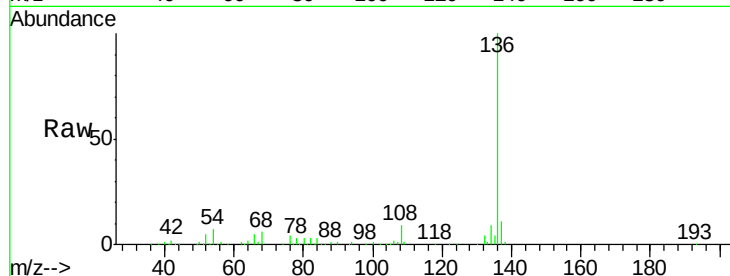
ClientSampleId :

PB104989BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	193838		
137	10.7	9.2	13.8	
54	7.2	10.3	15.5	
68	6.1	4.5	6.7	

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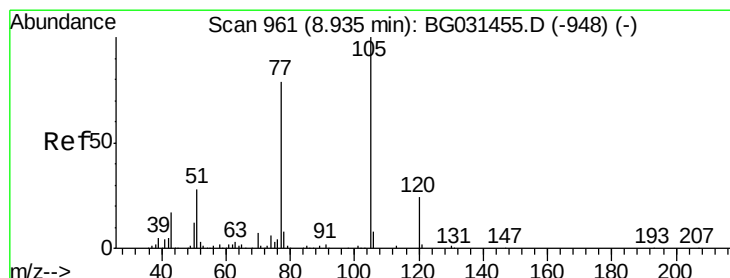
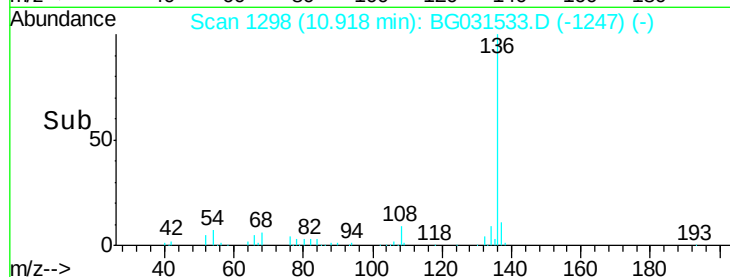
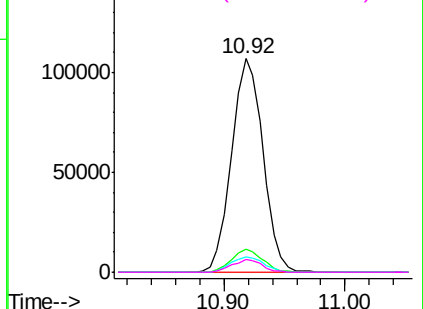


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 33.200 ng

RT: 8.93 min Scan# 960

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

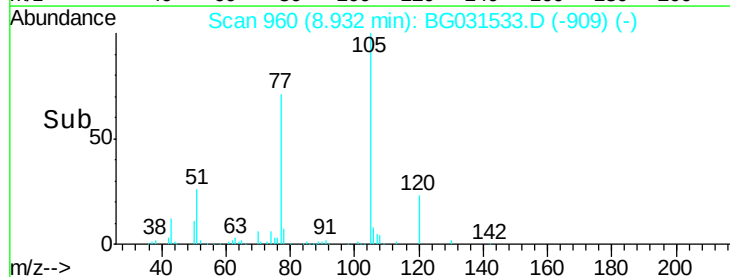
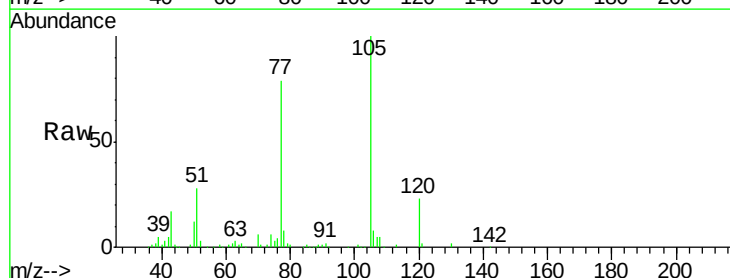
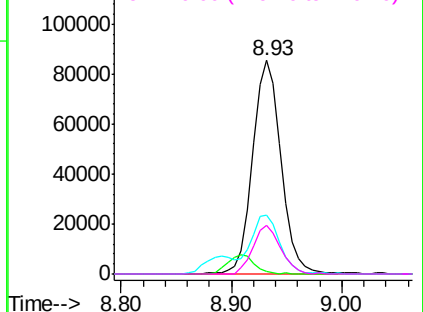
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	154385		
71	1.2	3.0	4.4	
51	27.8	26.1	39.1	
120	23.1	17.4	26.2	

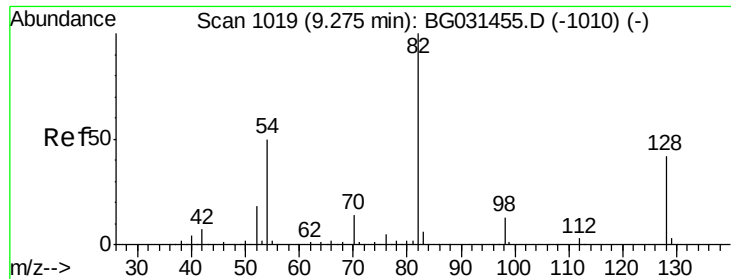
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





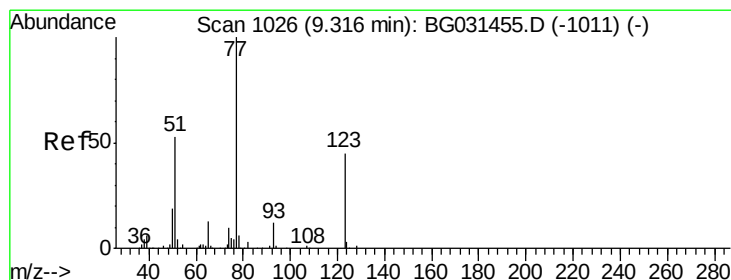
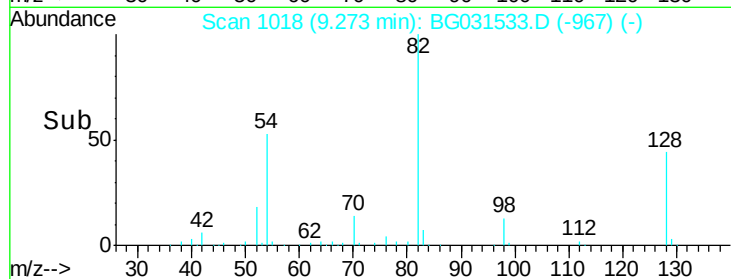
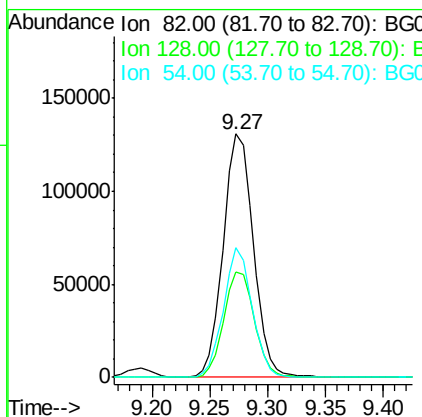
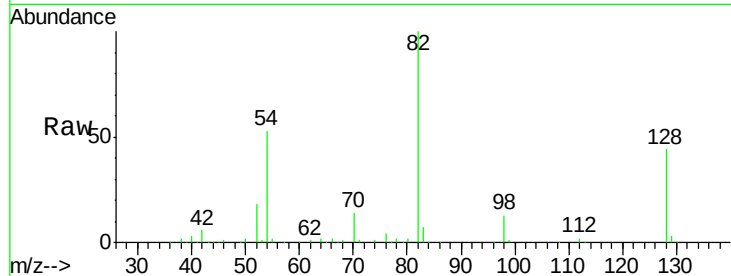
#23
 Nitrobenzene-d5
 Concen: 75.795 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Instrument :
 BNA_G
 ClientSampleId :
 PB104989BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.5	29.7	44.5	
54	53.4	43.1	64.7	

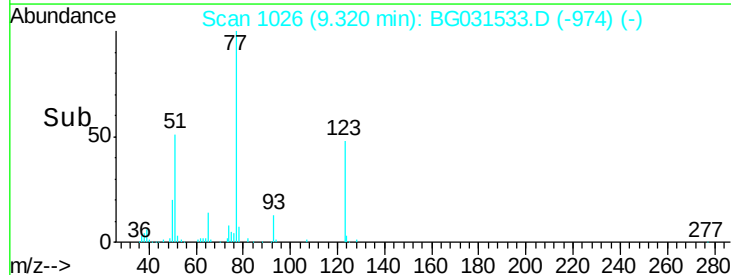
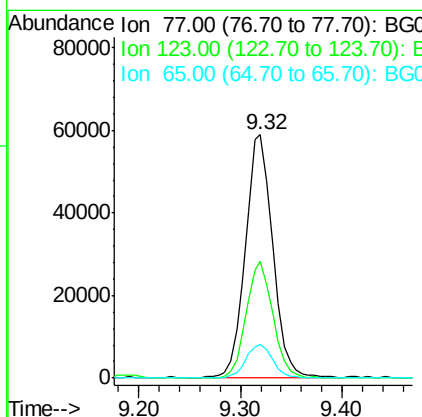
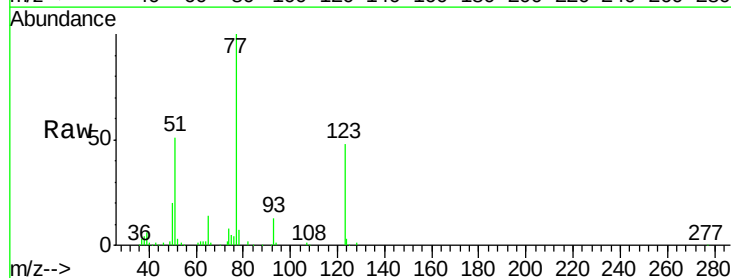
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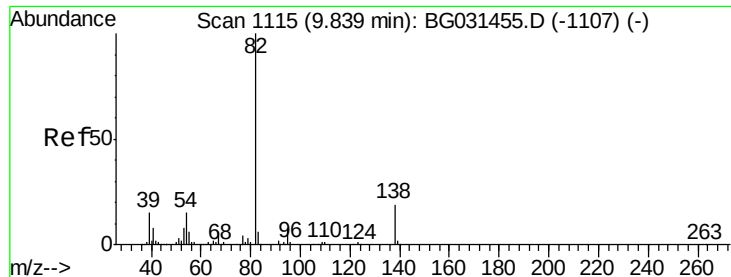
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#24
 Nitrobenzene
 Concen: 34.399 ng
 RT: 9.32 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.9	33.0	49.6	
65	13.9	13.0	19.6	





#25

Isophorone

Concen: 35.510 ng

RT: 9.84 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

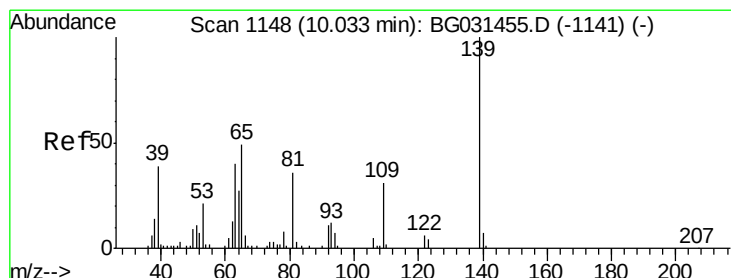
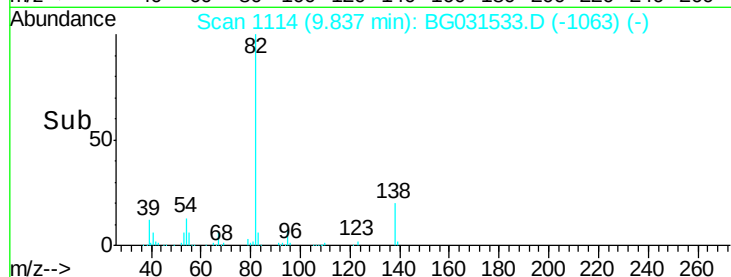
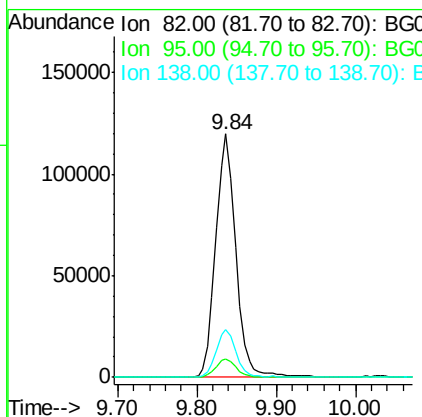
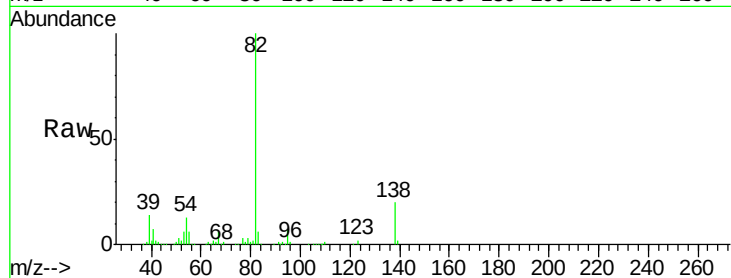
ClientSampleId :

PB104989BS

Tot Ion:	82	Resp:	211048
Ion Ratio	Lower	Upper	
82	100		
95	7.4	6.2	9.2
138	19.8	12.1	18.1#

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#26

2-Nitrophenol

Concen: 35.632 ng

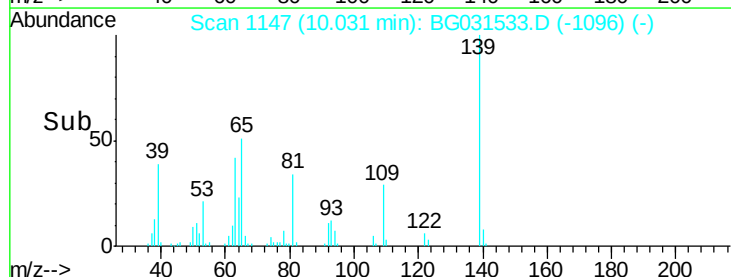
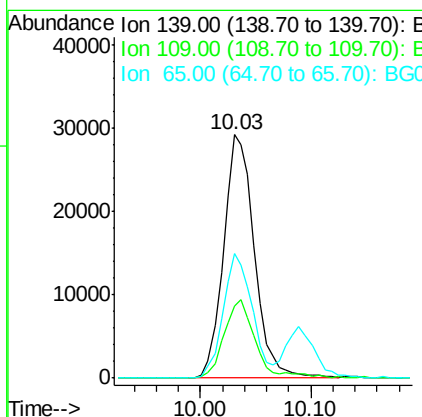
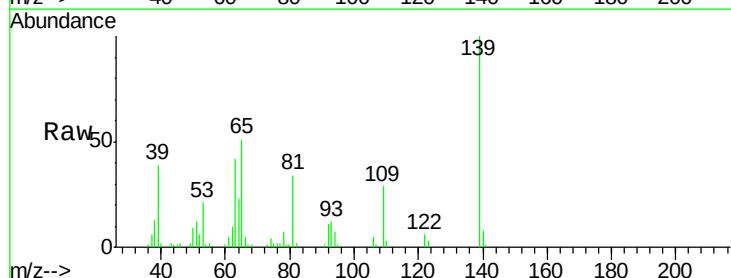
RT: 10.03 min Scan# 1147

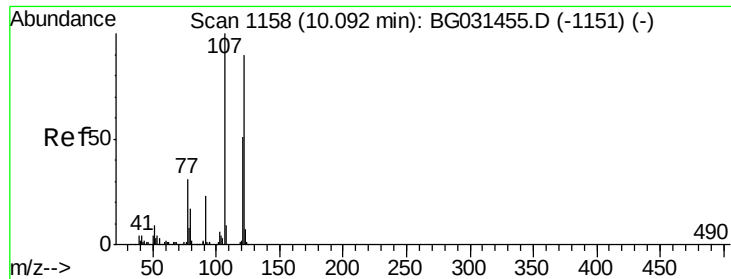
Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Tgt Ion:	139	Resp:	56779
Ion Ratio	Lower	Upper	
139	100		
109	29.5	24.2	36.2
65	51.3	47.4	71.0





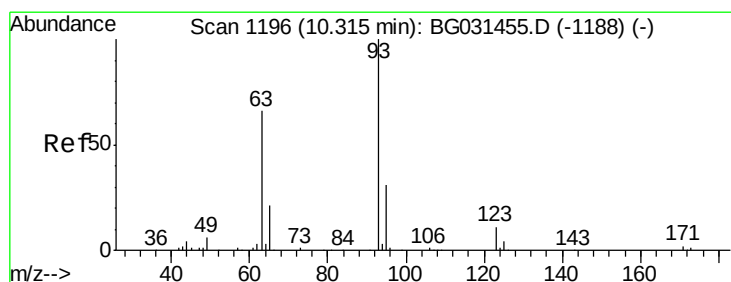
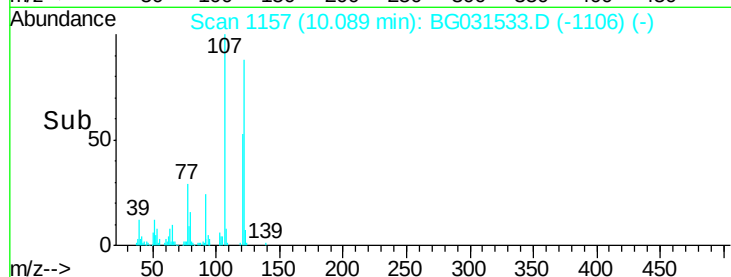
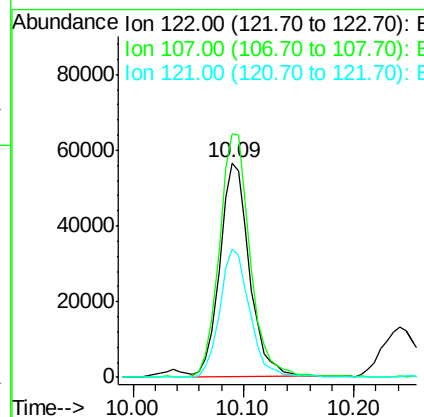
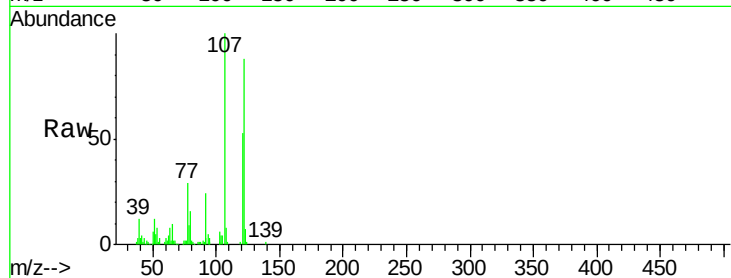
#27
2,4-Dimethylphenol
Concen: 43.182 ng
RT: 10.09 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Instrument :
BNA_G
ClientSampleId :
PB104989BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	113.6	100.2	150.2	
121	60.0	44.4	66.6	

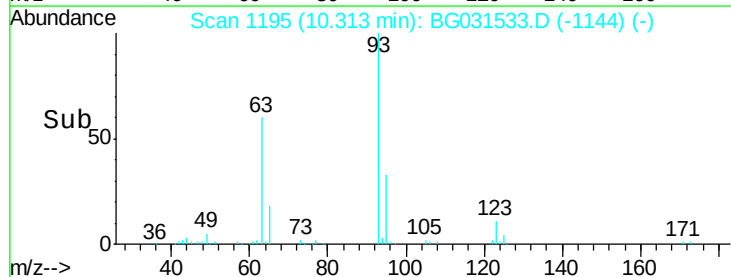
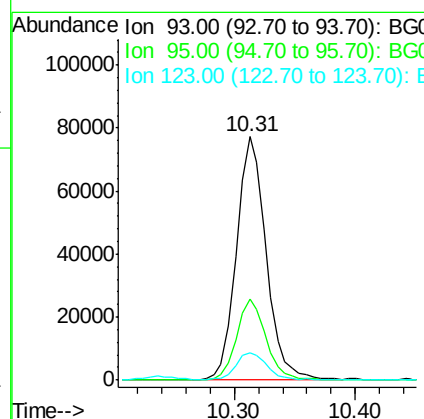
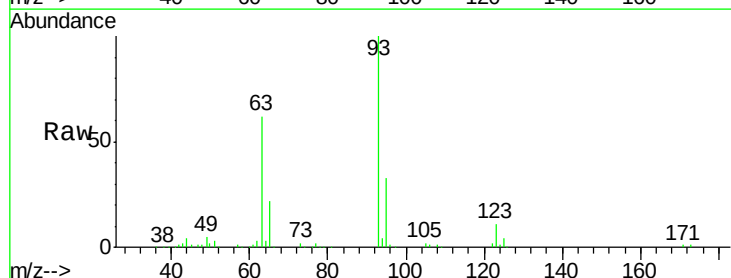
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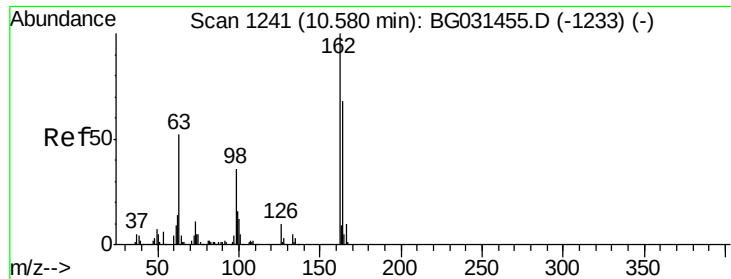
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 34.582 ng
RT: 10.31 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.0	24.3	36.5	
123	11.3	8.4	12.6	





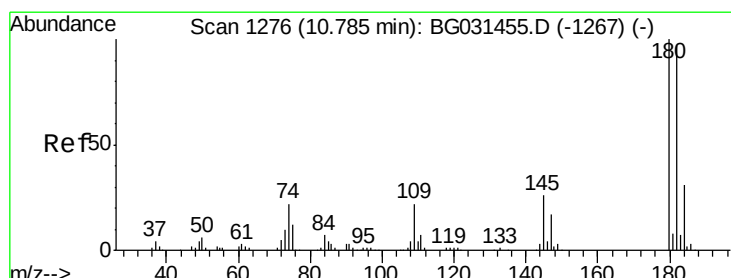
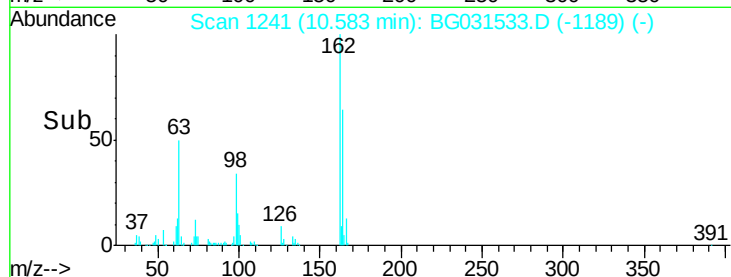
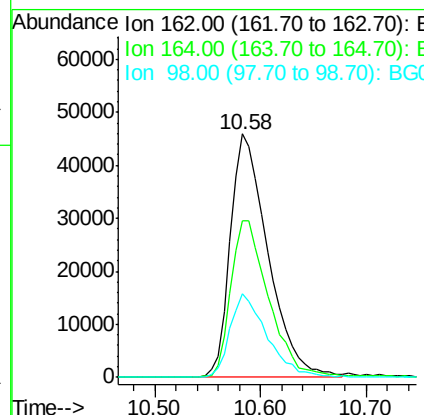
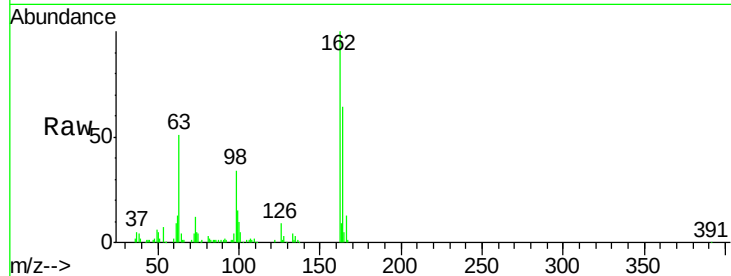
#29
 2,4-Dichlorophenol
 Concen: 39.793 ng
 RT: 10.58 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Instrument :
 BNA_G
 ClientSampleId :
 PB104989BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.4	48.0	88.0	
98	34.2	21.1	61.1	

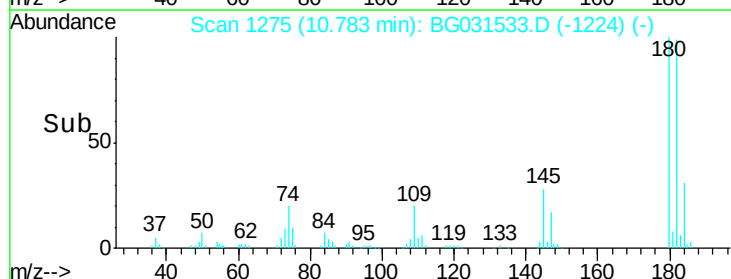
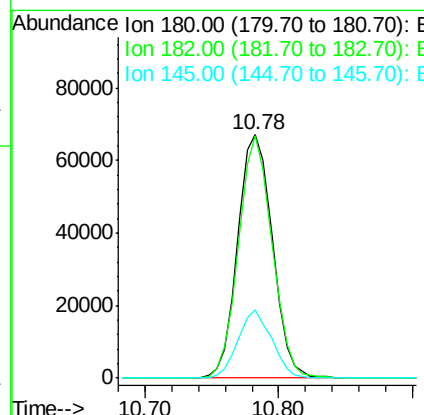
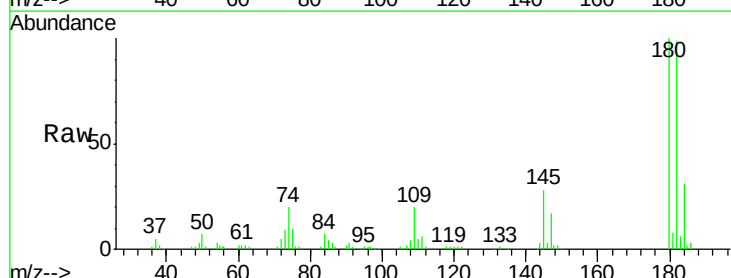
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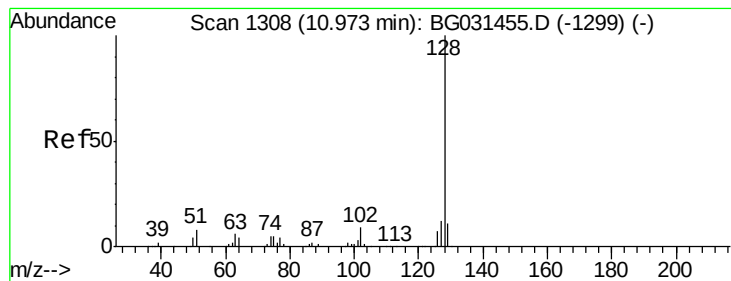
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#30
 1,2,4-Trichlorobenzene
 Concen: 33.333 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	99.3	77.5	116.3	
145	28.0	23.4	35.2	





#31

Naphthalene

Concen: 32.667 ng

RT: 10.97 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

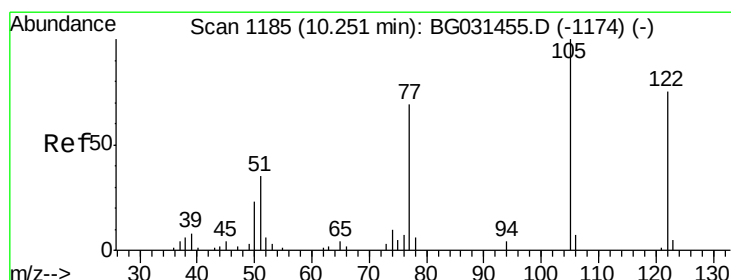
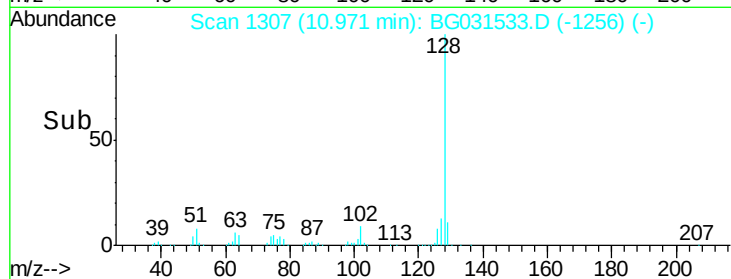
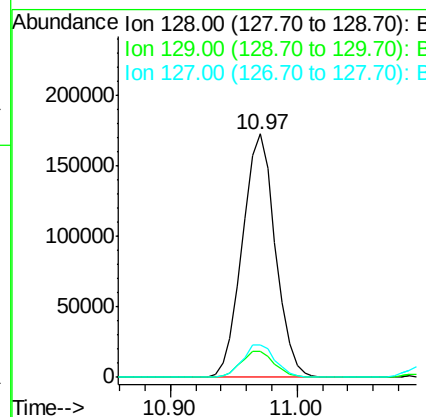
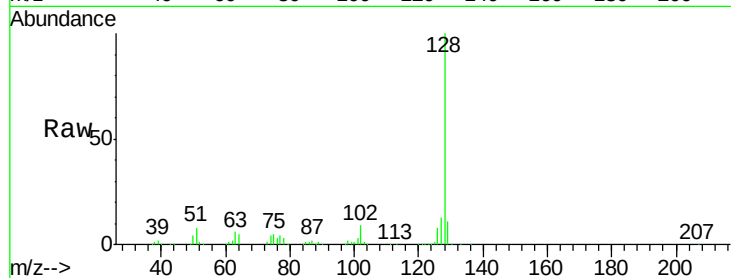
ClientSampleId :

PB104989BS

Tot Ion:	128	Resp:	311076
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.6	12.8
127	13.3	11.6	17.4

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#32

Benzoic acid

Concen: 32.353 ng

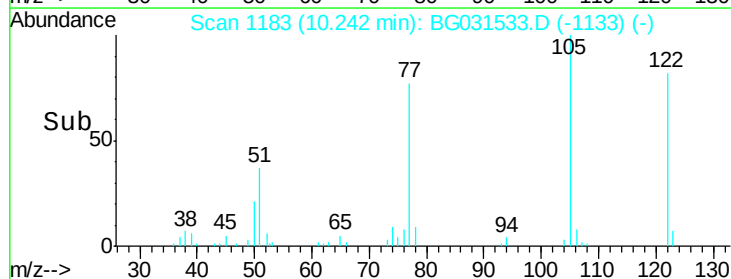
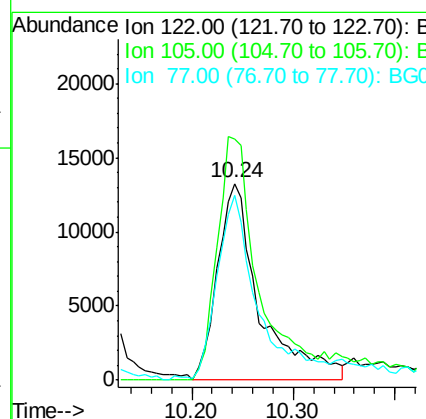
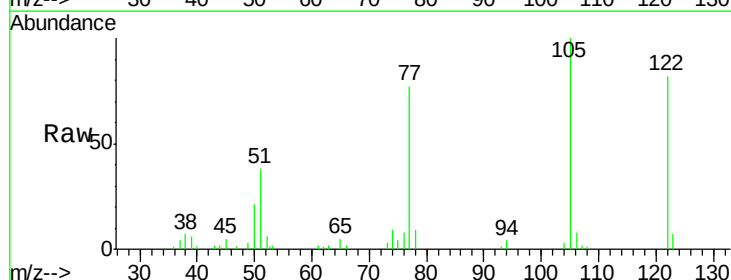
RT: 10.24 min Scan# 1183

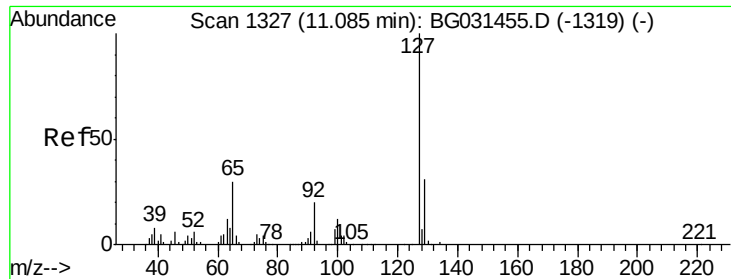
Delta R.T. -0.01 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Tgt Ion:	122	Resp:	38427
Ion Ratio	Lower	Upper	
122	100		
105	122.4	123.5	163.5#
77	93.8	85.7	125.7





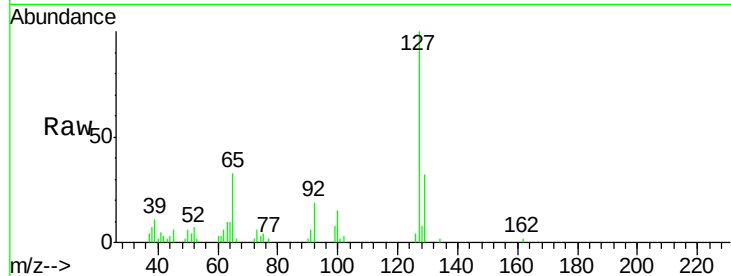
#33
4-Chloroaniline
Concen: 4.584 ng
RT: 11.10 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Instrument :
BNA_G
ClientSampleId :
PB104989BS

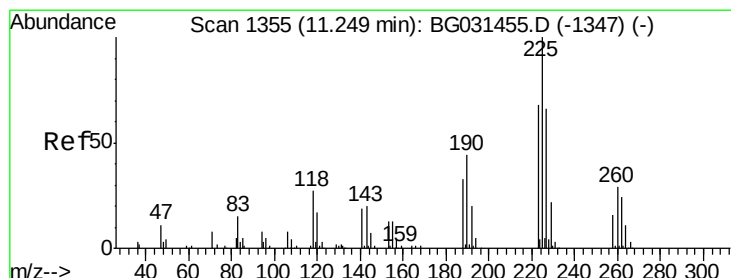
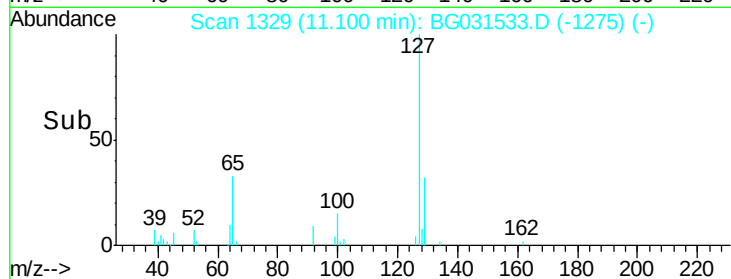
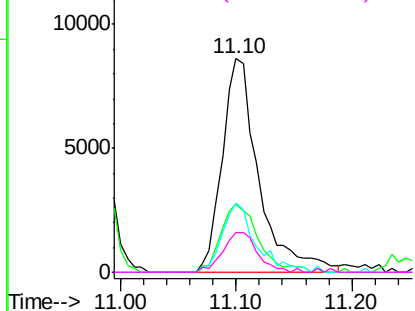
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	24.0	36.0	
65	32.6	27.0	40.4	
92	18.7	16.6	25.0	

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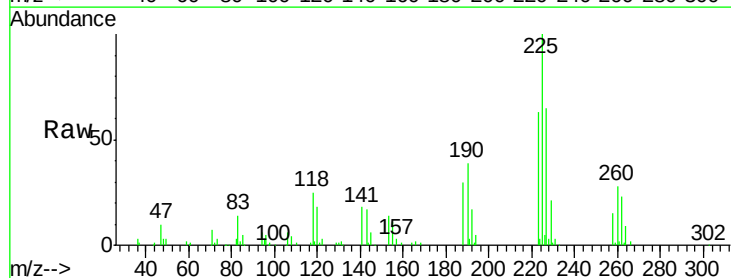


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

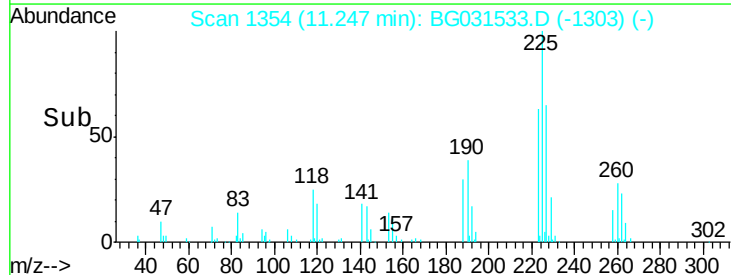
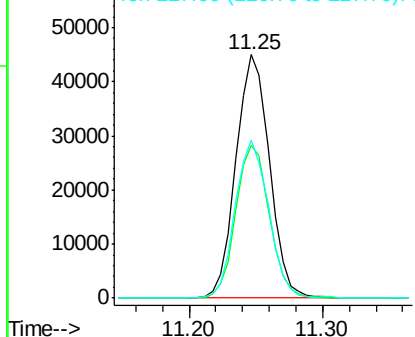


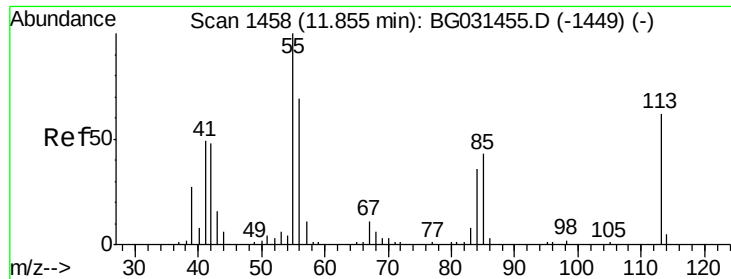
#34
Hexachlorobutadiene
Concen: 32.416 ng
RT: 11.25 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	49.7	74.5	
227	64.9	48.1	72.1	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.144 ng/mL

RT: 11.85 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

ClientSampleID :

PB104989BS

Tot Ion:113 Resp: 44956

Ion Ratio Lower Upper

113 100

55 177.5 186.9 226.9#

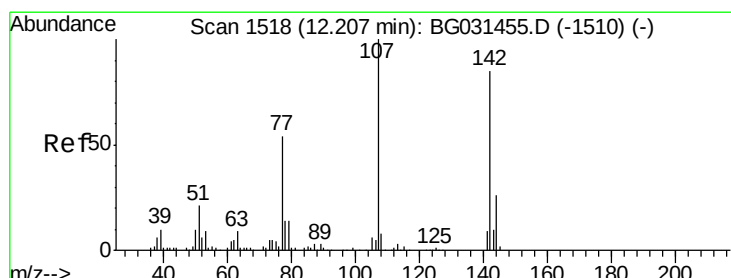
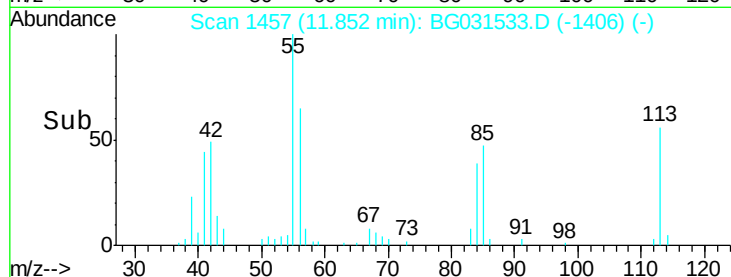
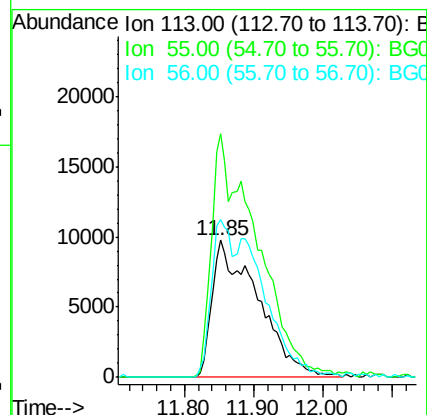
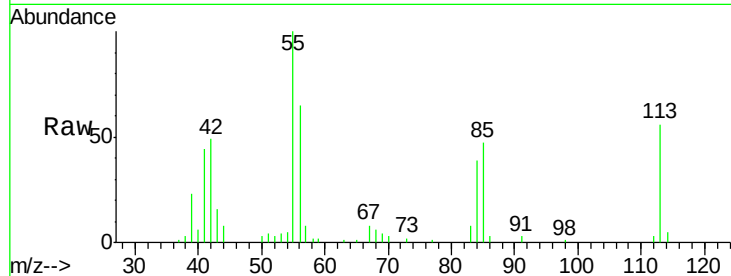
56 115.5 130.9 170.9#

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#36

4-Chloro-3-methylphenol

Concen: 38.365 ng/mL

RT: 12.21 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

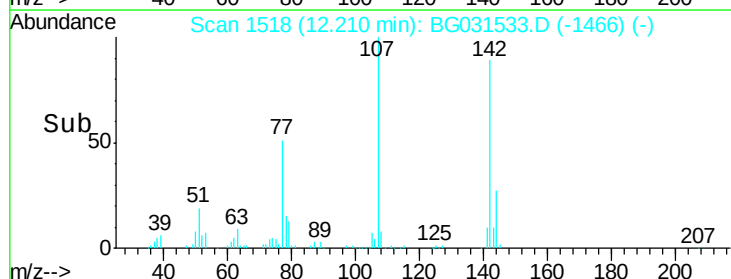
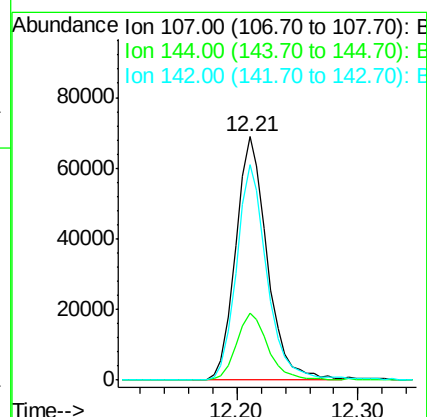
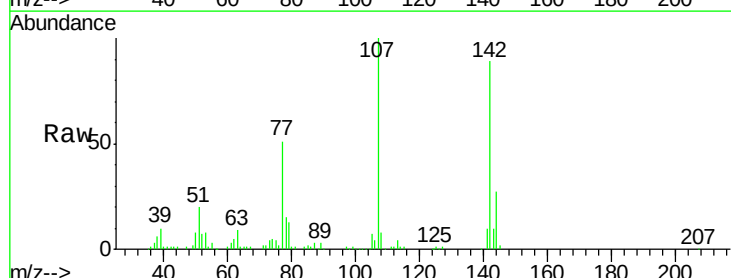
Tgt Ion:107 Resp: 124895

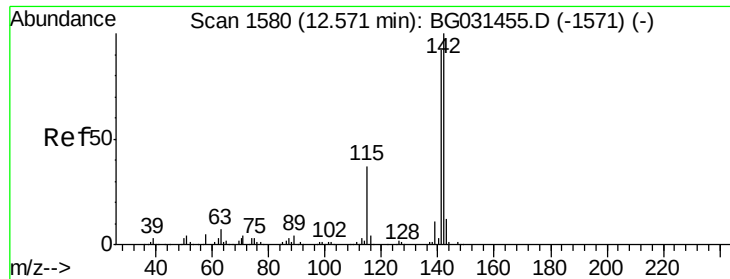
Ion Ratio Lower Upper

107 100

144 27.3 18.2 27.4

142 88.7 59.0 88.4#





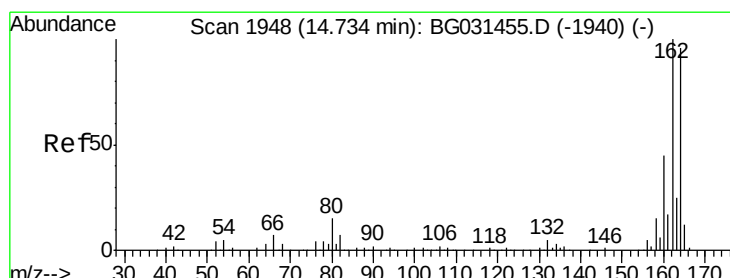
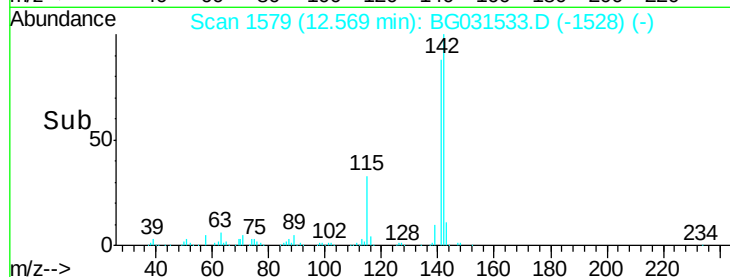
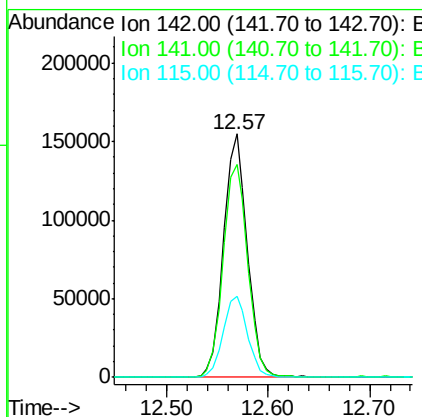
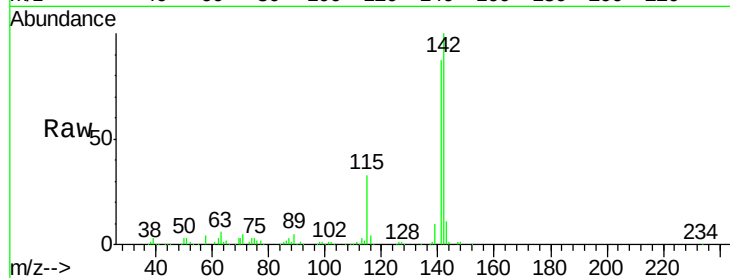
#37
 2-Methylnaphthalene
 Concen: 34.054 ng
 RT: 12.57 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Instrument :
 BNA_G
 ClientSampleId :
 PB104989BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	67.1	100.7
115	33.1	30.7	46.1

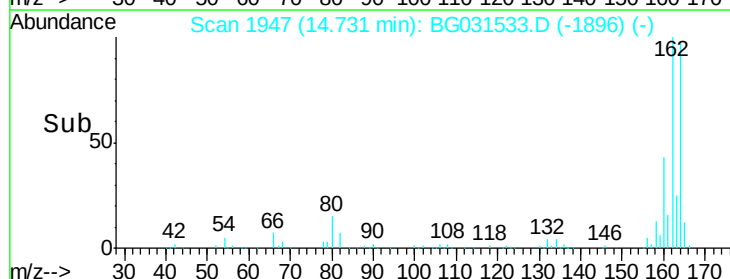
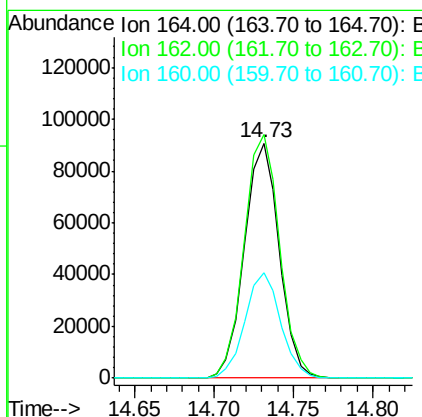
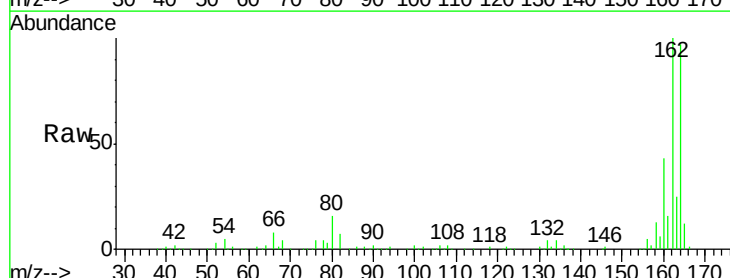
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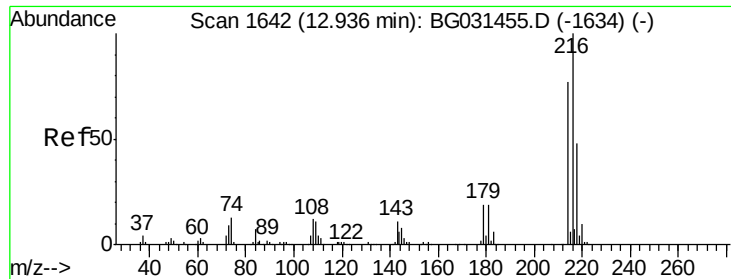
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	78.8	118.2
160	44.8	35.4	53.0





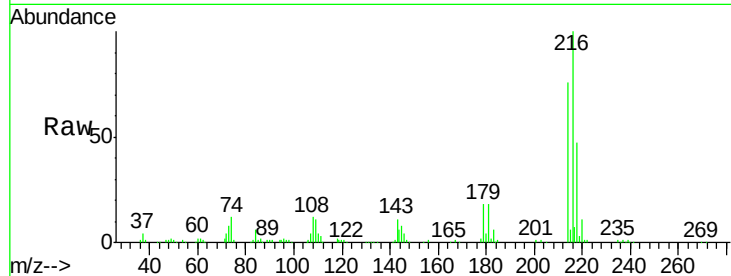
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.530 ng
 RT: 12.93 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Instrument :
 BNA_G
 ClientSampleId :
 PB104989BS

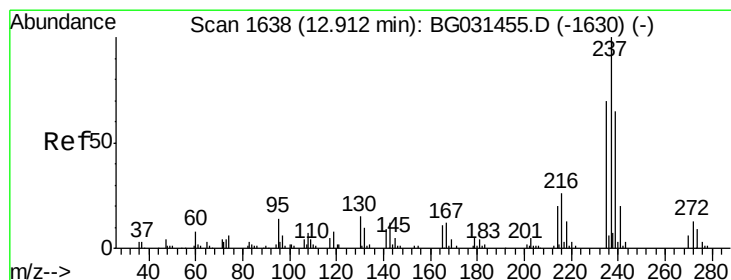
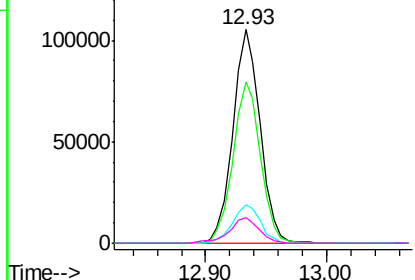
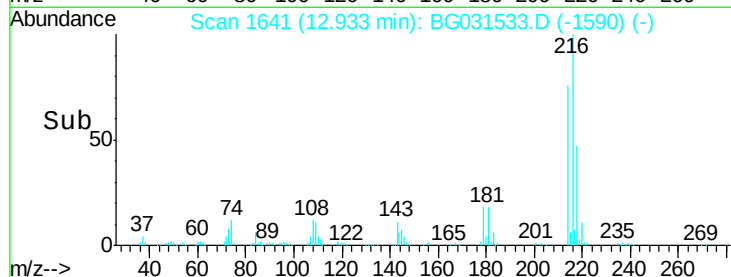
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	76.4		63.0	94.4	
179	18.5		17.0	25.6	
108	13.0		12.8	19.2	

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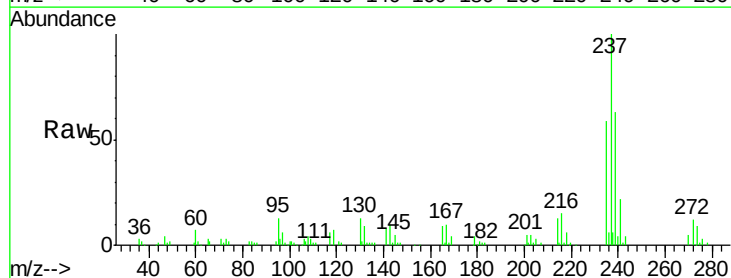


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

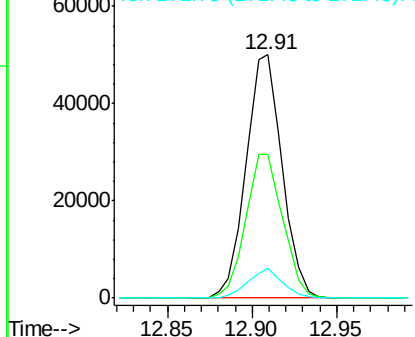
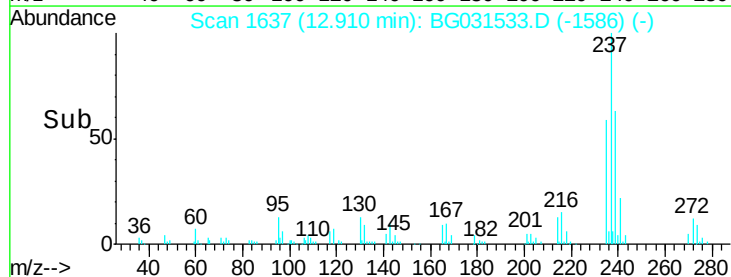


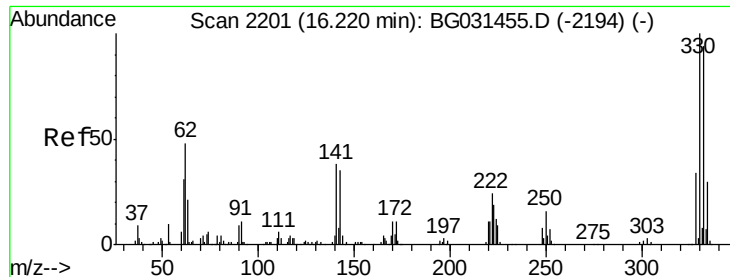
#40
 Hexachlorocyclopentadiene
 Concen: 50.054 ng
 RT: 12.91 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	59.1		50.4	90.4	
272	12.3		0.0	31.8	



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





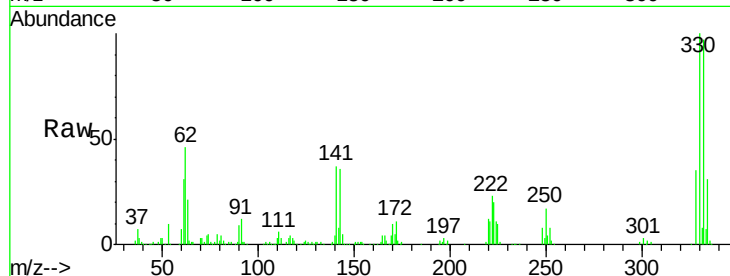
#41
 2,4,6-Tribromophenol
 Concen: 137.492 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Instrument :
 BNA_G
 ClientSampleId :
 PB104989BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	222614		
332	97.4	77.0	115.6	
141	36.9	25.2	37.8	

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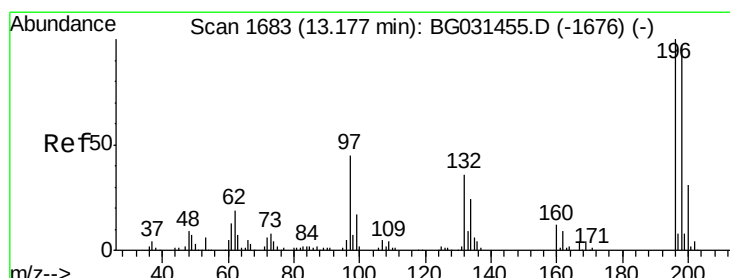
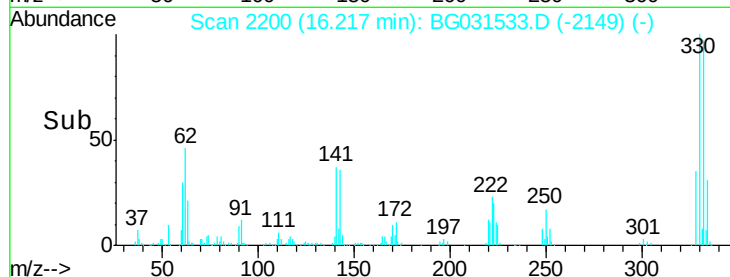
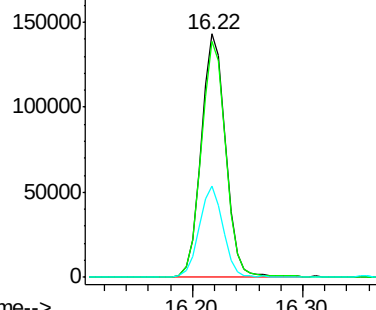


Abundance

Ion 329.80 (329.50 to 330.50): E

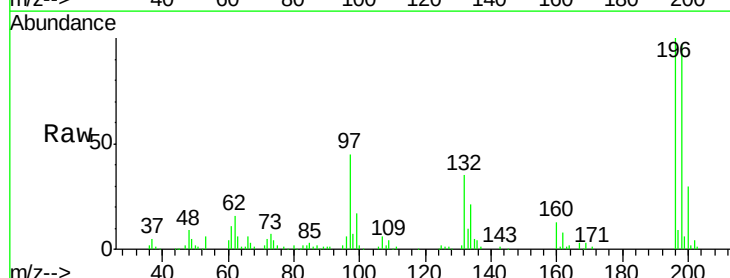
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 38.384 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	105924		
198	96.5	78.2	117.2	
200	30.3	24.6	36.8	

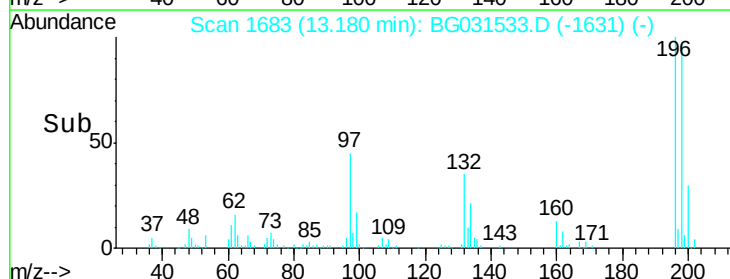
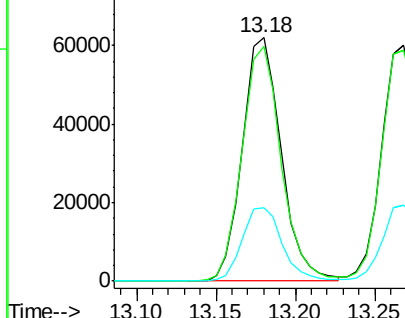


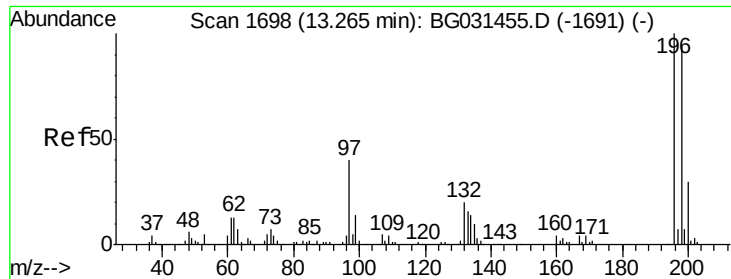
Abundance

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





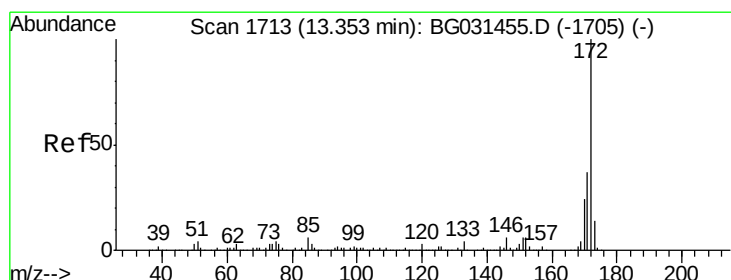
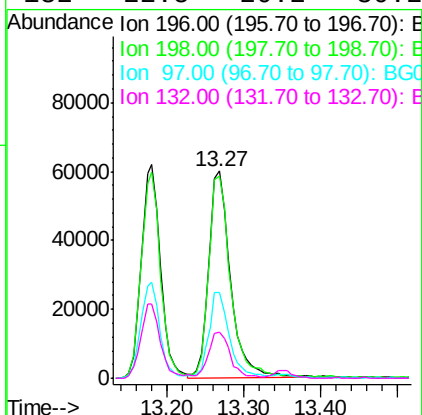
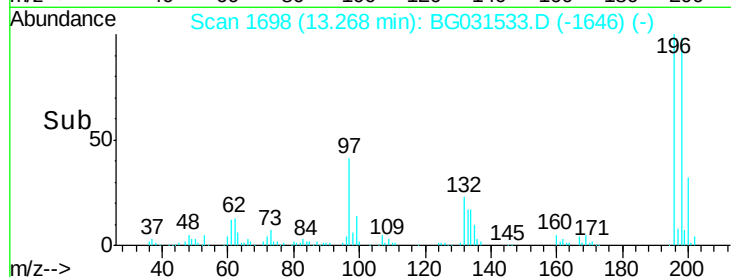
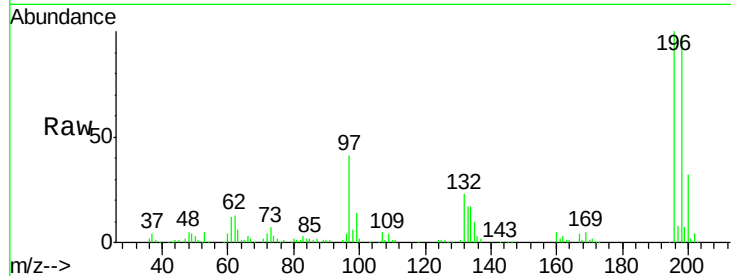
#43
 2,4,5-Trichlorophenol
 Concen: 39.214 ng
 RT: 13.27 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Instrument :
 BNA_G
 ClientSampleId :
 PB104989BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	116570		
198	97.7	76.2	114.4	
97	41.5	38.7	58.1	
132	22.5	20.2	30.2	

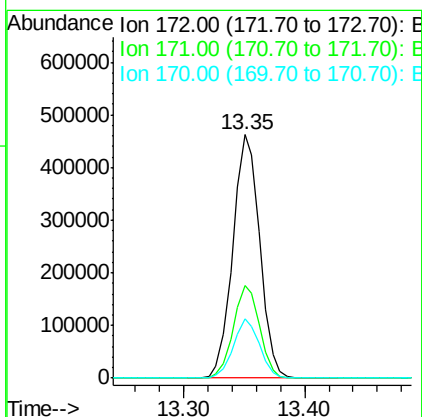
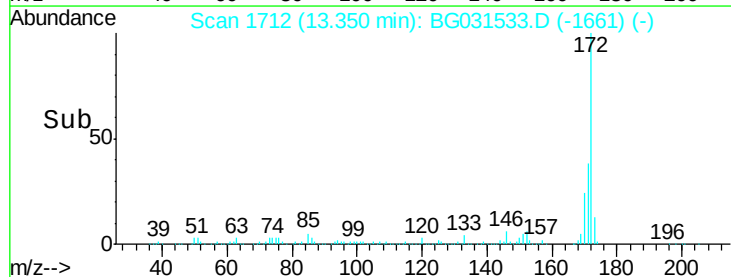
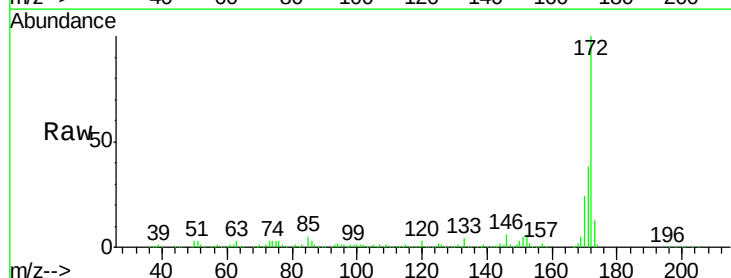
Manual Integrations
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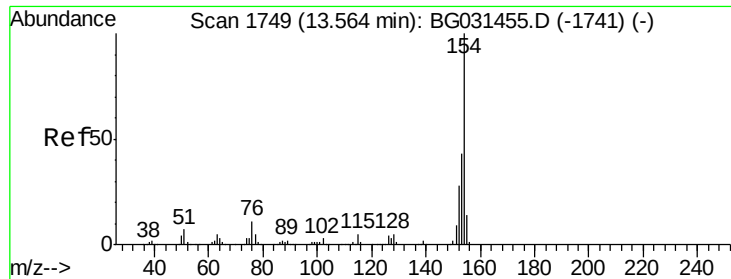
Sohil
 12/15/2017 7:47:56 PM



#44
 2-Fluorobiphenyl
 Concen: 76.110 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	716596		
171	38.0	30.0	45.0	
170	24.4	19.5	29.3	





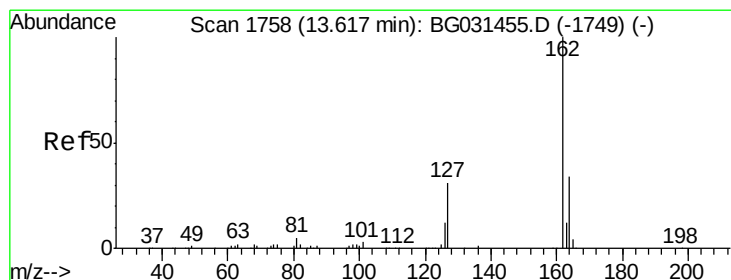
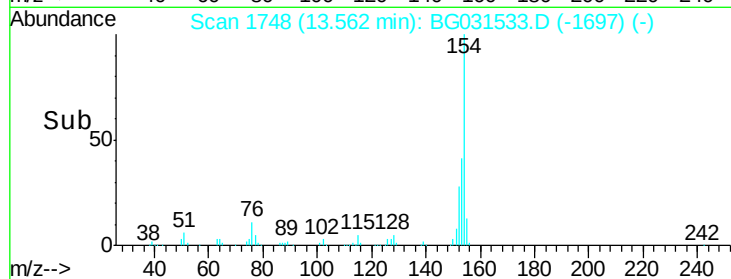
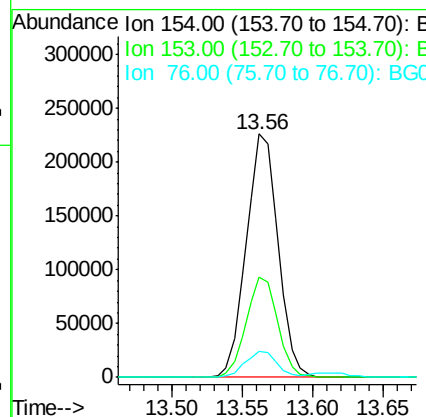
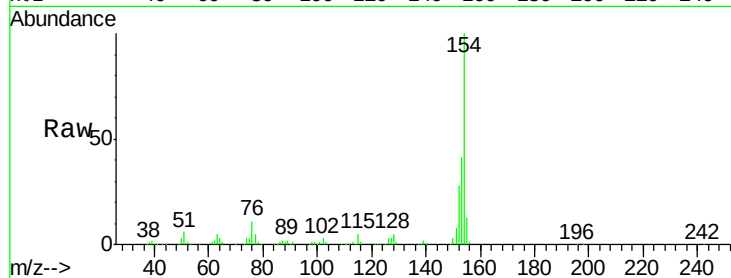
#45
 1,1'-Biphenyl
 Concen: 31.490 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Instrument :
 BNA_G
 ClientSampleId :
 PB104989BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	19.8	59.8
76	10.9	0.0	31.9

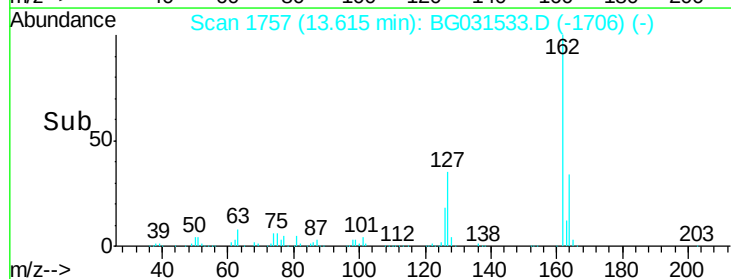
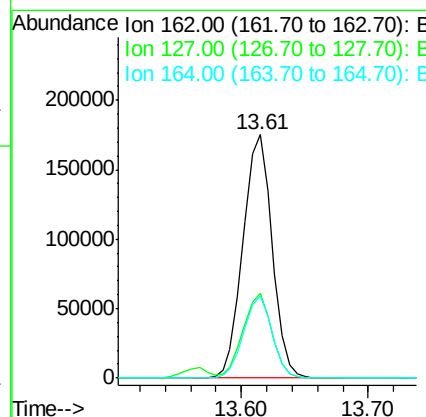
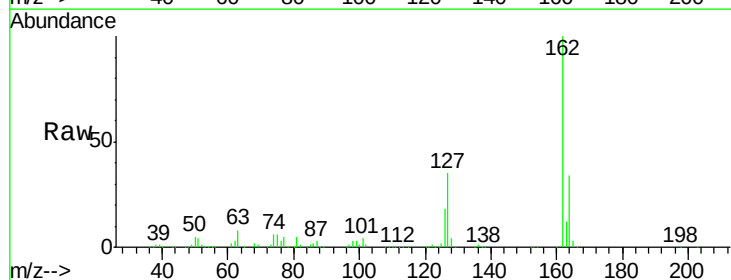
Manual Integrations
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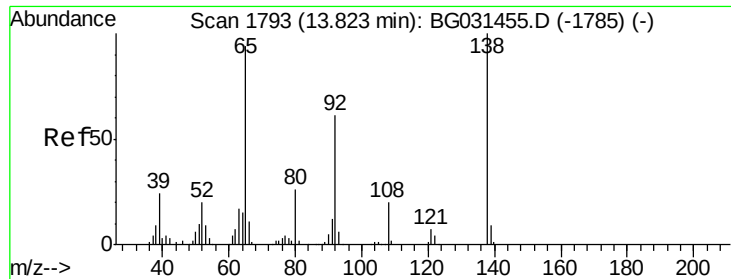
Sohil
 12/15/2017 7:47:56 PM



#46
 2-Chloronaphthalene
 Concen: 33.665 ng
 RT: 13.61 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.0	30.7	46.1
164	33.6	26.0	39.0





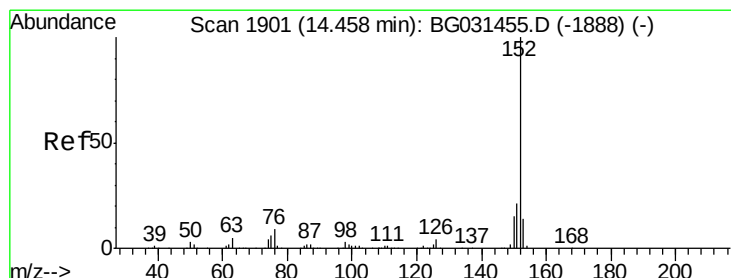
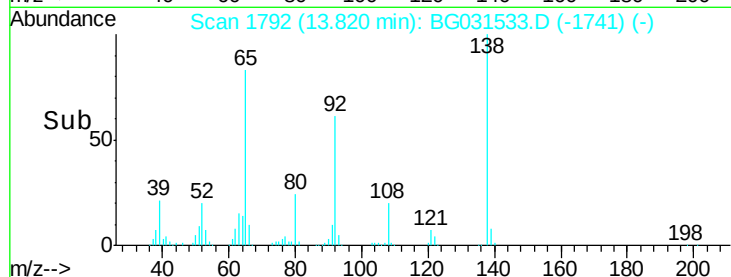
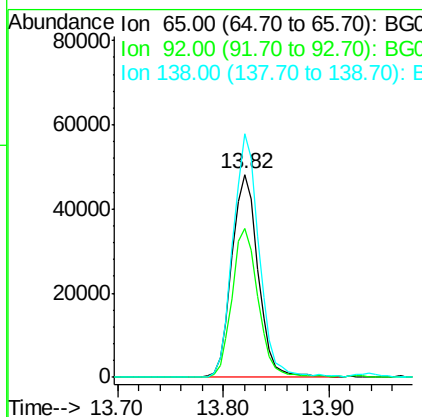
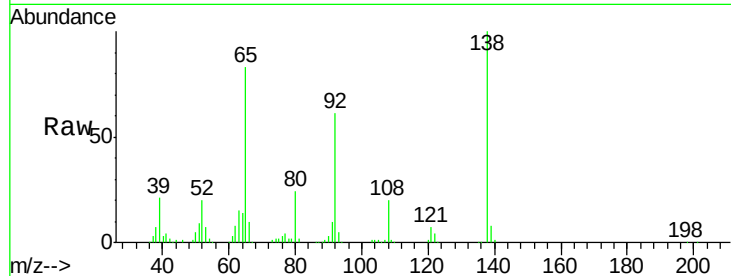
#47
2-Nitroaniline
Concen: 35.606 ng
RT: 13.82 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Instrument :
BNA_G
ClientSampleId :
PB104989BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.2	54.6	82.0
138	120.0	72.9	109.3

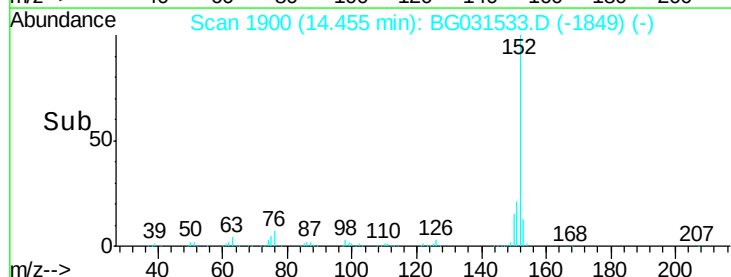
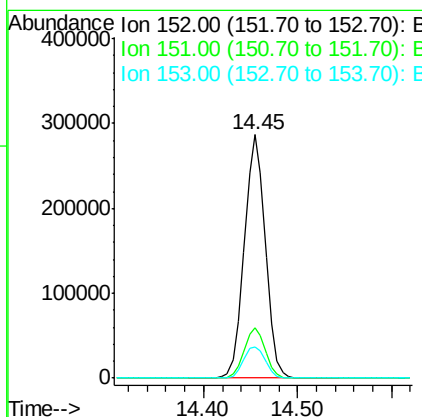
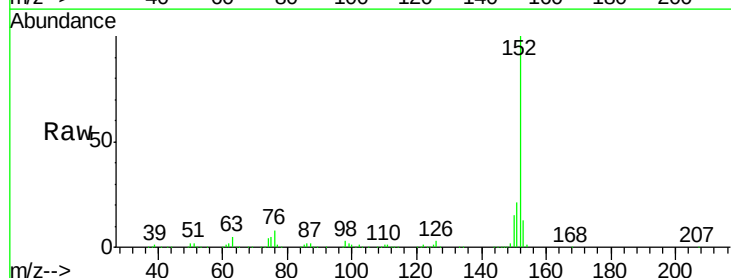
Manual Integrations
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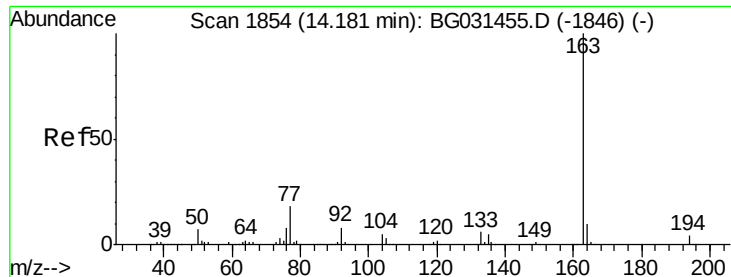
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#48
Acenaphthylene
Concen: 33.143 ng
RT: 14.45 min Scan# 1900
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.2	25.8
153	12.7	10.2	15.4





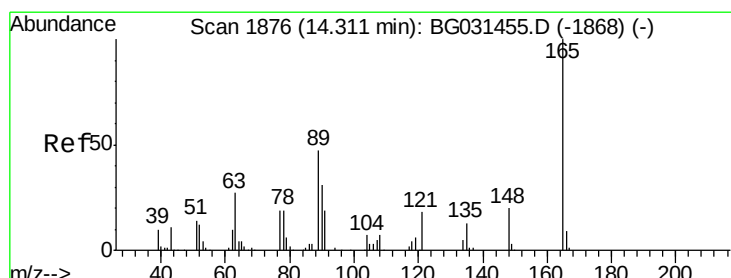
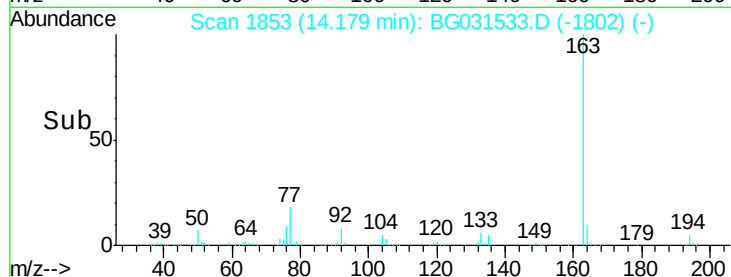
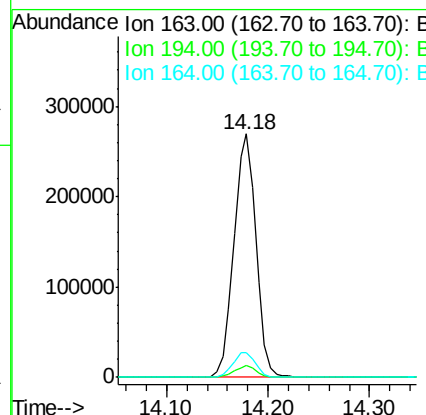
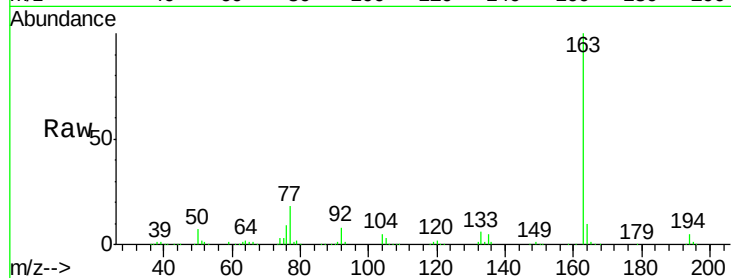
#49
Dimethylphthalate
Concen: 35.526 ng
RT: 14.18 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Instrument :
BNA_G
ClientSampleId :
PB104989BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	406482		
194	4.7		3.4	5.2
164	10.3		8.2	12.4

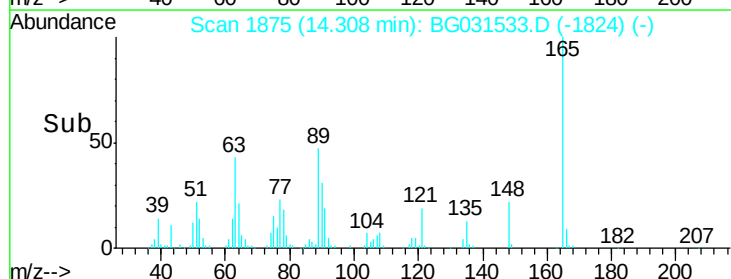
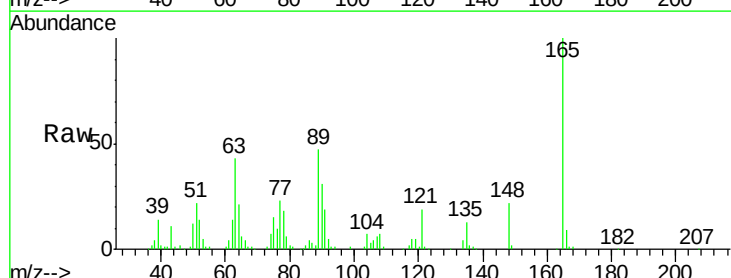
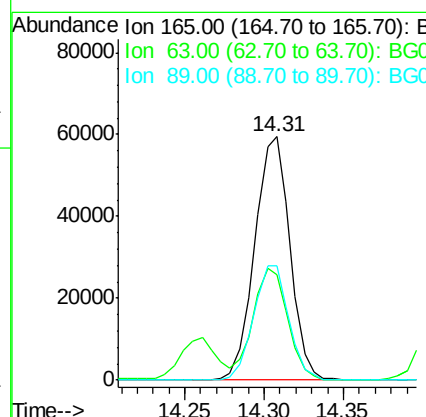
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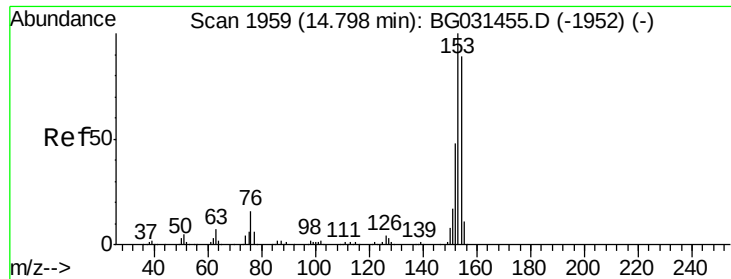
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#50
2,6-Dinitrotoluene
Concen: 37.544 ng
RT: 14.31 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	91819		
63	43.5		52.7	79.1#
89	47.0		49.2	73.8#





#51

Acenaphthene

Concen: 32.270 ng

RT: 14.80 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

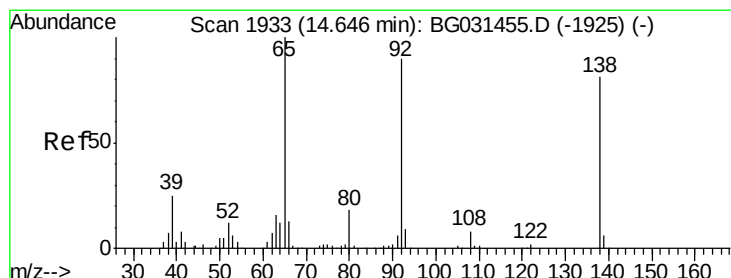
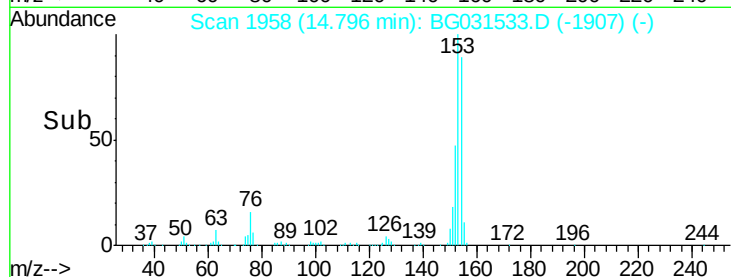
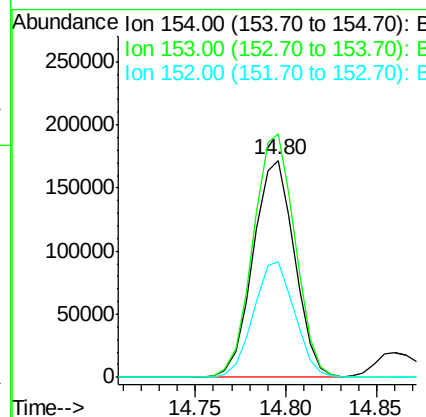
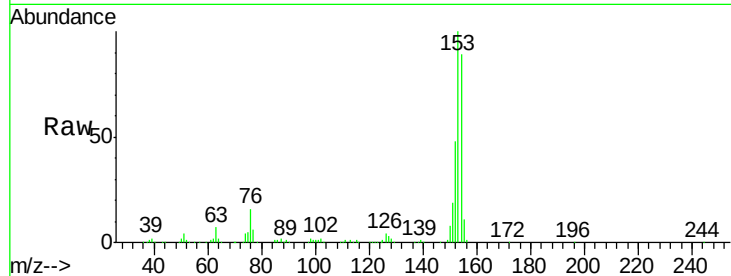
ClientSampleId :

PB104989BS

Tot Ion:	154	Resp:	272771
Ion Ratio	Lower	Upper	
154	100		
153	112.3	90.4	135.6
152	53.4	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 6.267 ng

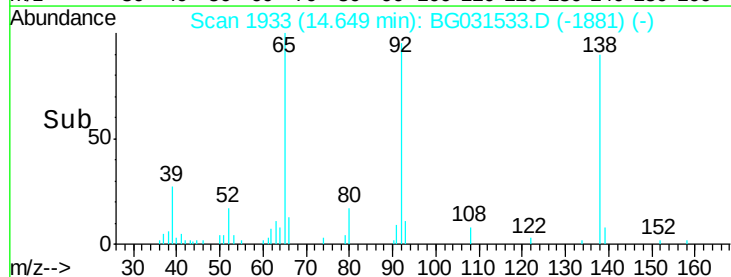
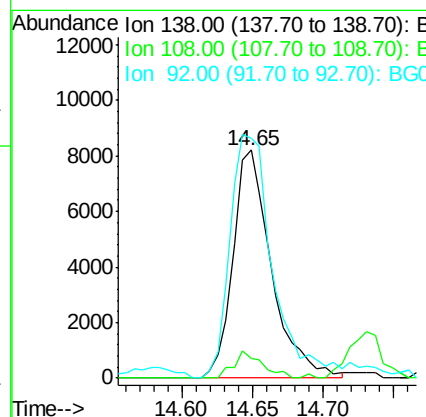
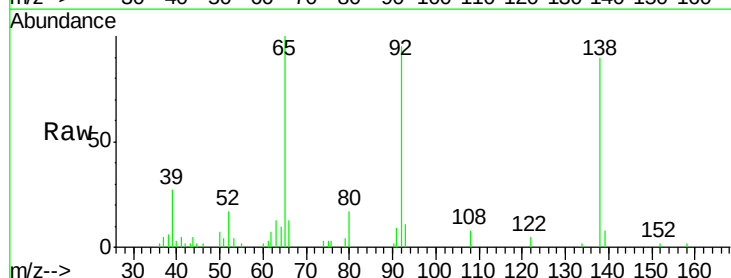
RT: 14.65 min Scan# 1933

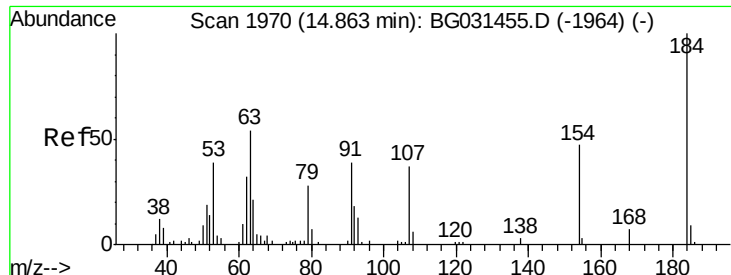
Delta R.T. 0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Tgt Ion:	138	Resp:	15623
Ion Ratio	Lower	Upper	
138	100		
108	8.9	17.5	26.3#
92	105.2	105.8	158.8#





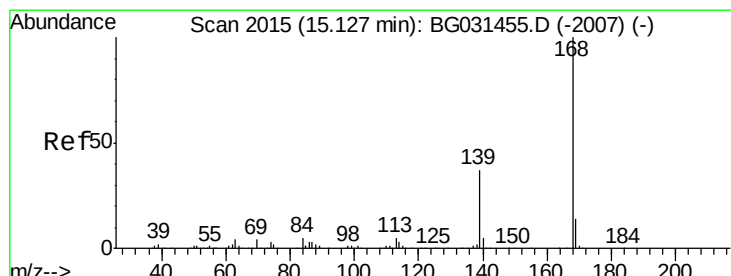
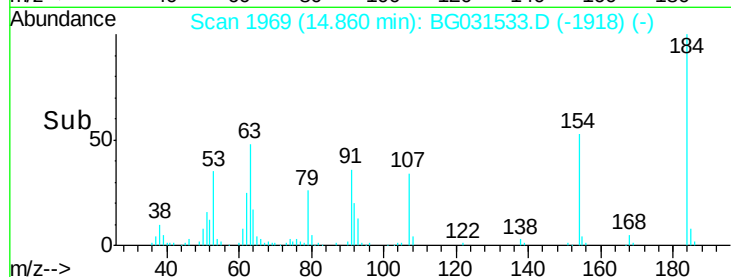
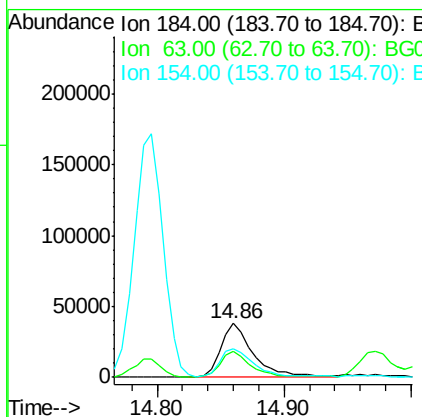
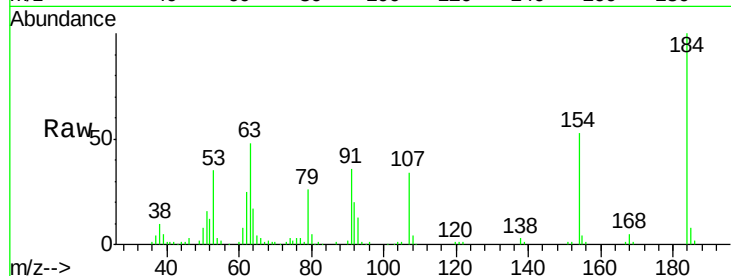
#53
 2,4-Dinitrophenol
 Concen: 68.708 ng
 RT: 14.86 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Instrument :
 BNA_G
 ClientSampleId :
 PB104989BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	47.6	59.8	89.8#
154	52.9	101.8	152.8#

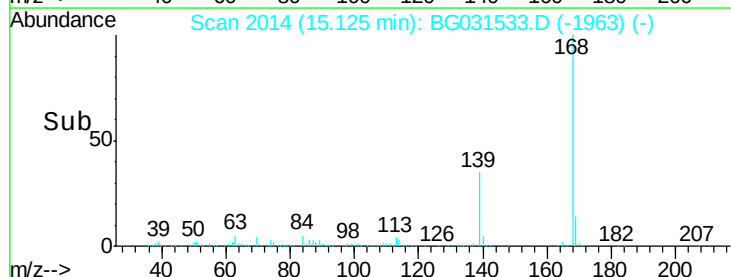
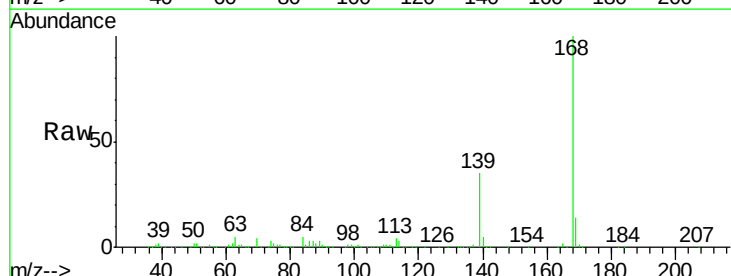
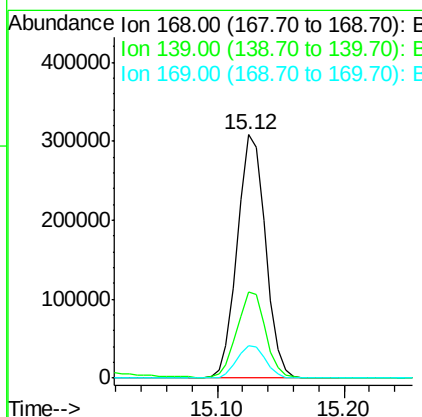
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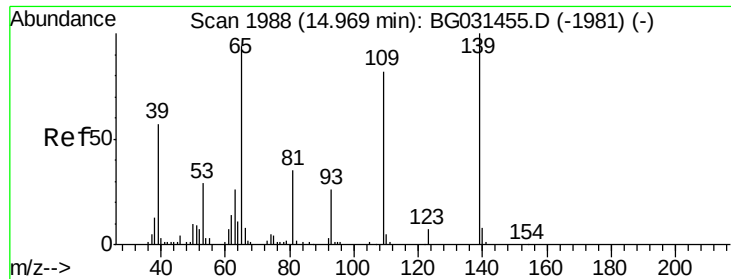
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#54
 Dibenzofuran
 Concen: 35.166 ng
 RT: 15.12 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.3	28.6	43.0
169	13.5	11.2	16.8





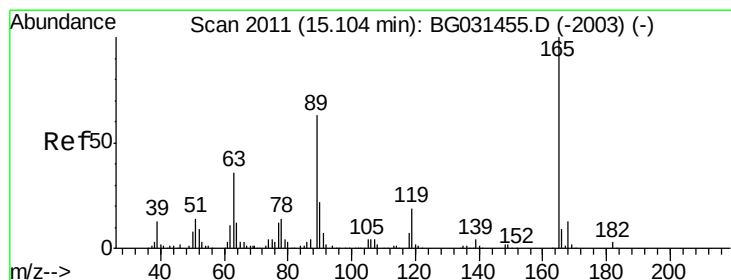
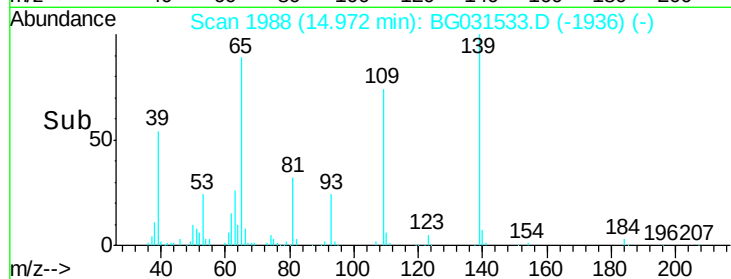
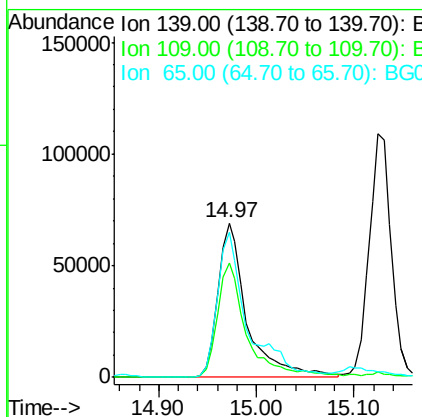
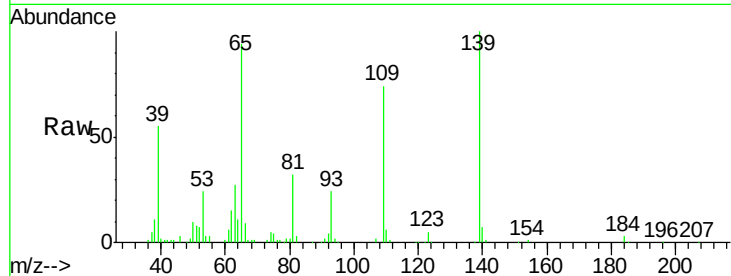
#55
4-Nitrophenol
Concen: 84.512 ng
RT: 14.97 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Instrument :
BNA_G
ClientSampleId :
PB104989BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	142716		
109	74.1	62.2	102.2	
65	94.0	97.2	137.2#	

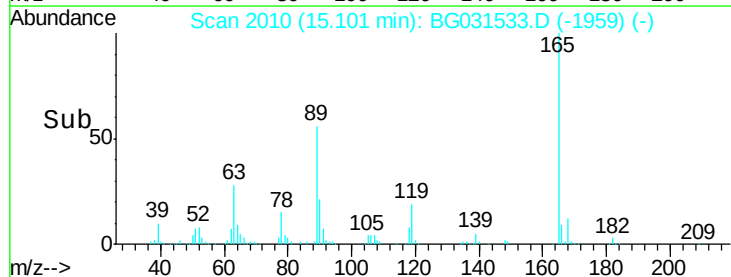
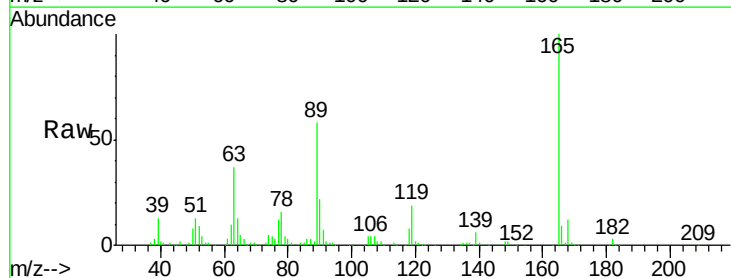
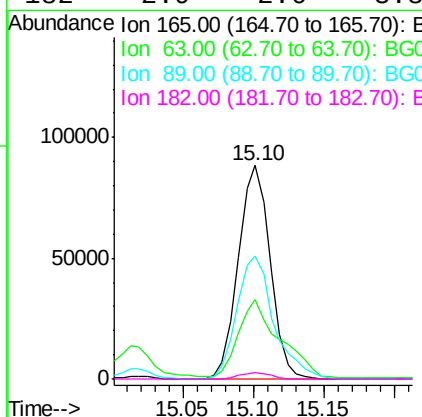
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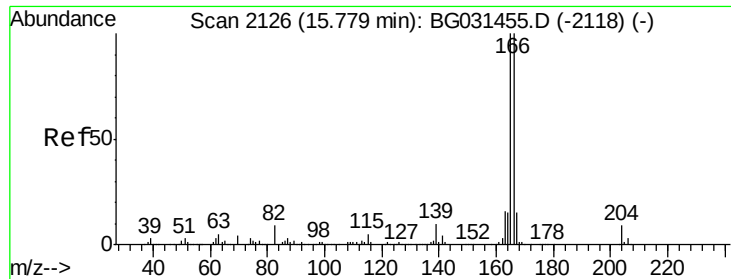
Sohil
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#56
2,4-Dinitrotoluene
Concen: 40.238 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	139772		
63	37.3	42.0	63.0#	
89	57.6	66.9	100.3#	
182	2.9	2.6	3.8	





#57

Fluorene

Concen: 35.642 ng

RT: 15.78 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

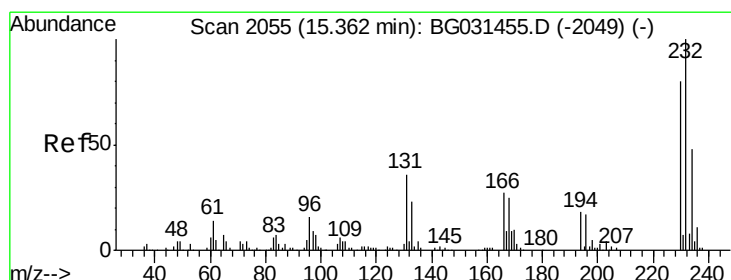
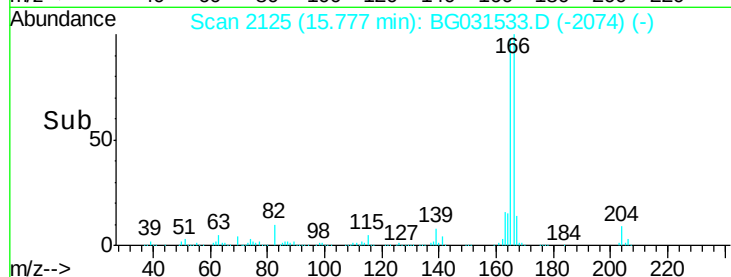
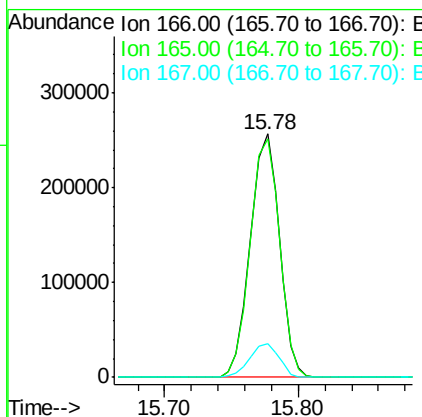
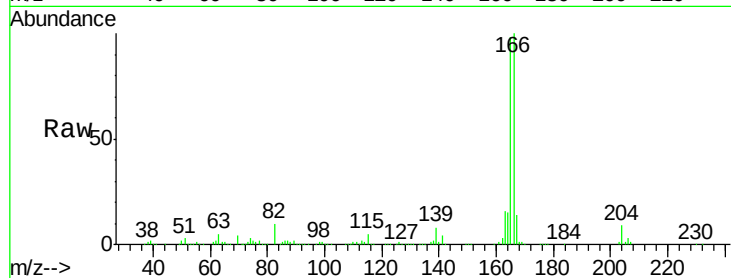
ClientSampleId :

PB104989BS

Tot Ion:	166	Resp:	385220
Ion Ratio	Lower	Upper	
166	100		
165	98.0	80.6	121.0
167	14.1	10.4	15.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.892 ng

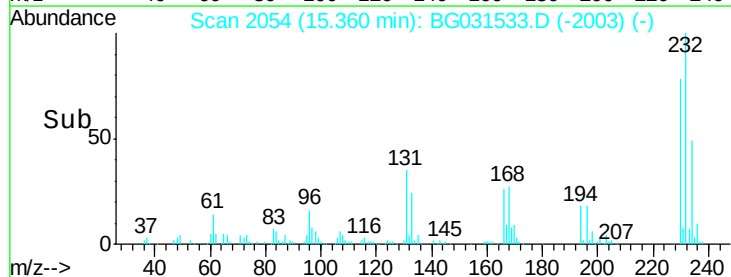
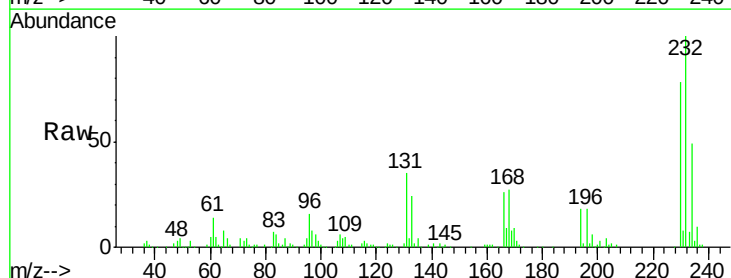
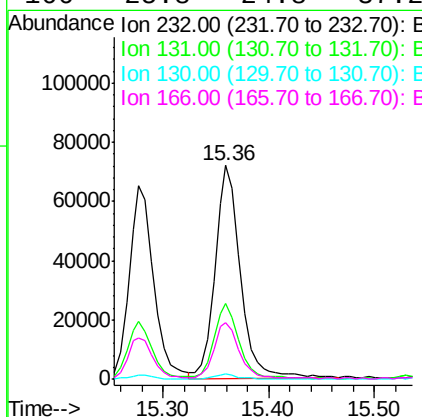
RT: 15.36 min Scan# 2054

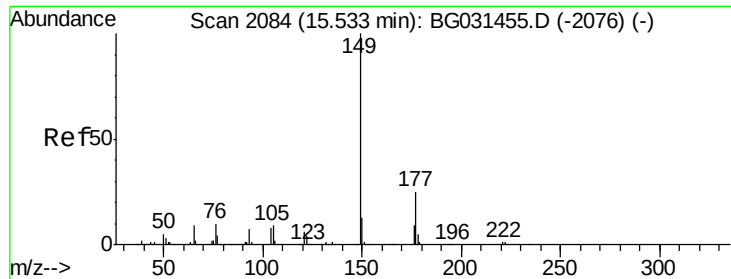
Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Tgt Ion:	232	Resp:	119846
Ion Ratio	Lower	Upper	
232	100		
131	34.8	33.5	50.3
130	2.1	2.2	3.2#
166	25.8	24.8	37.2





#59

Diethylphthalate

Concen: 37.235 ng

RT: 15.53 min Scan# 2083

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

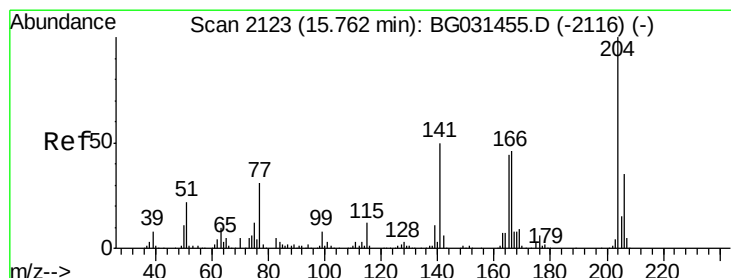
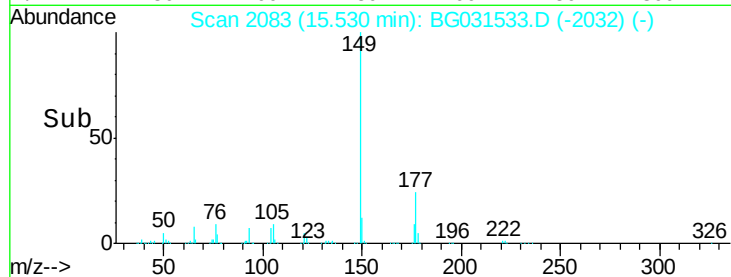
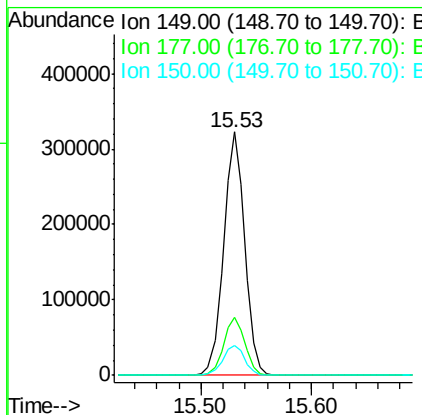
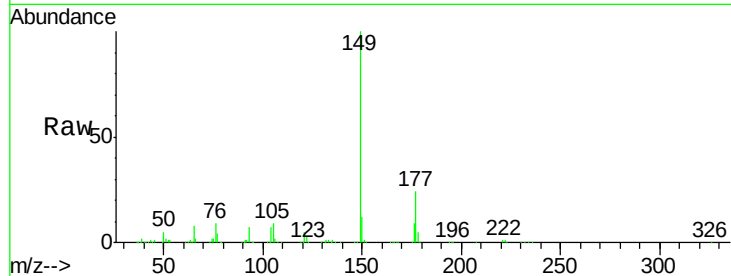
ClientSampleId :

PB104989BS

Tot Ion:	149	Resp:	427042
Ion Ratio	Lower	Upper	
149	100		
177	24.0	18.5	27.7
150	12.3	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 33.657 ng

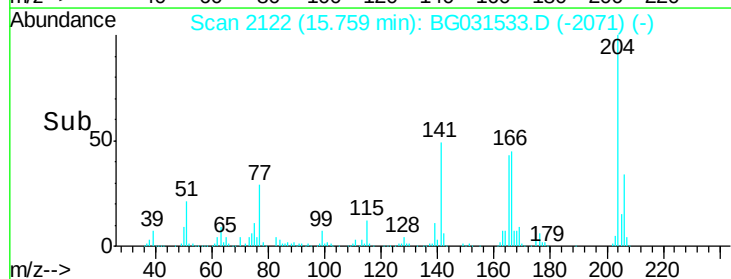
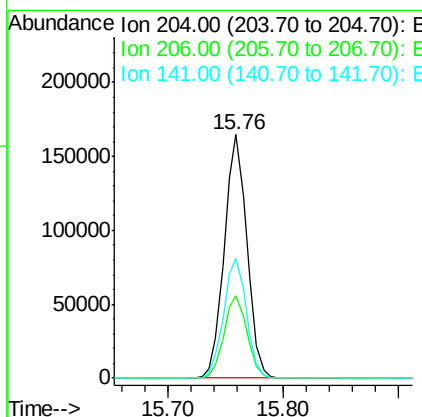
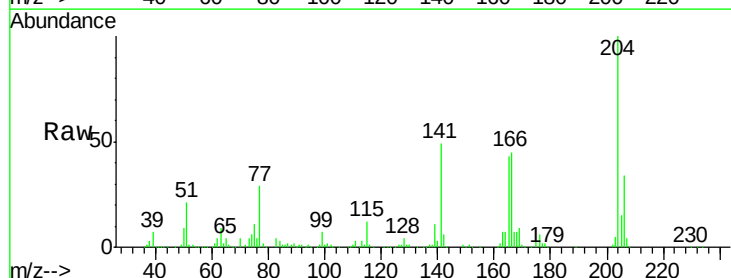
RT: 15.76 min Scan# 2122

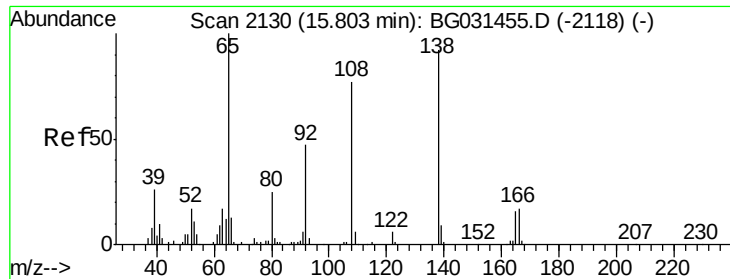
Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Tgt Ion:	204	Resp:	222555
Ion Ratio	Lower	Upper	
204	100		
206	33.9	26.2	39.2
141	49.3	45.8	68.6





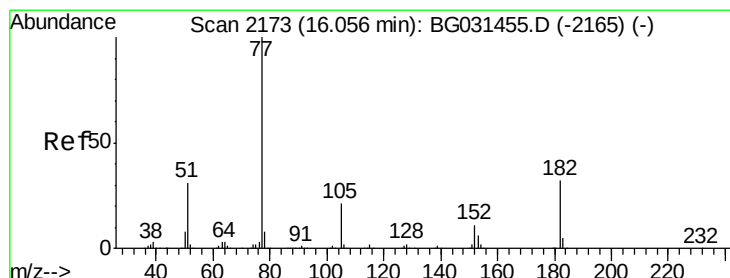
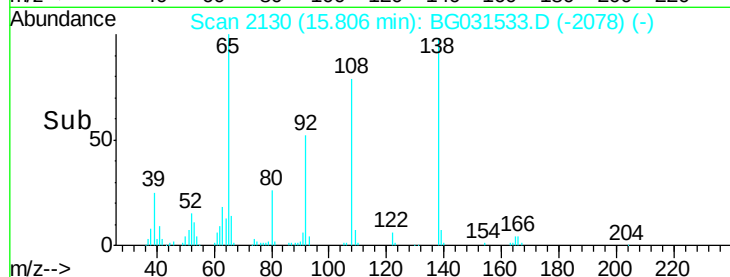
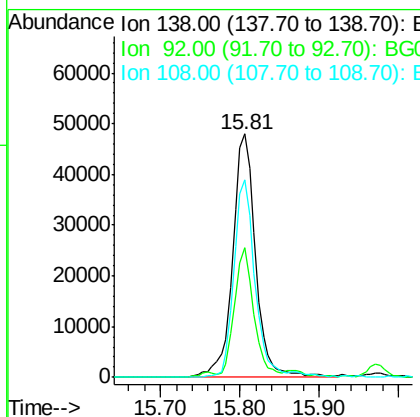
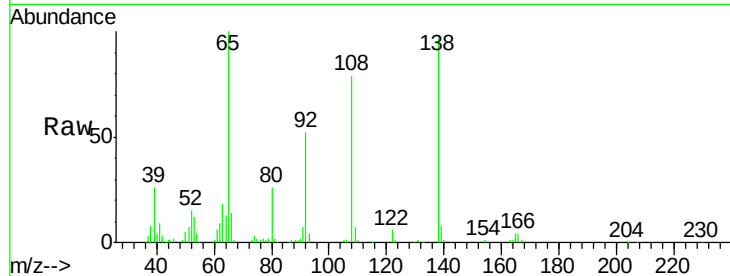
#61
4-Nitroaniline
Concen: 36.804 ng
RT: 15.81 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Instrument :
BNA_G
ClientSampleId :
PB104989BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.2	40.1	80.1
108	80.9	65.4	105.4

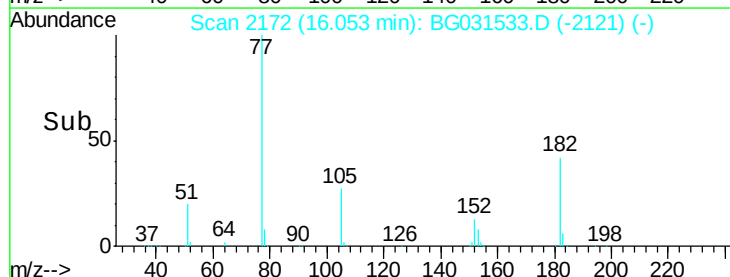
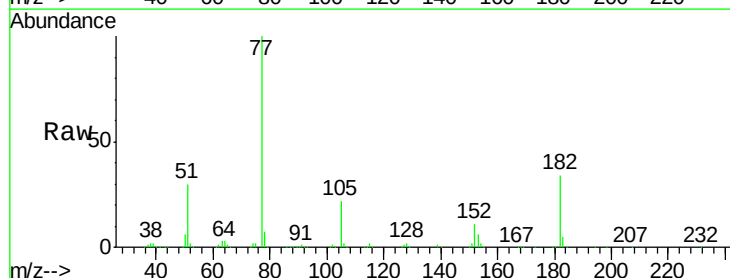
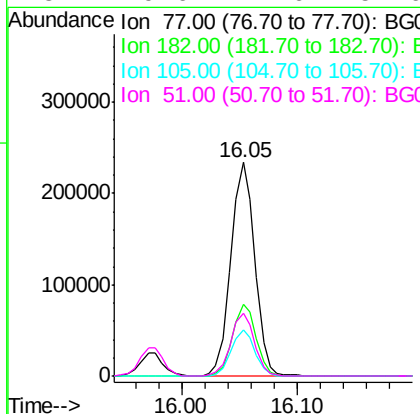
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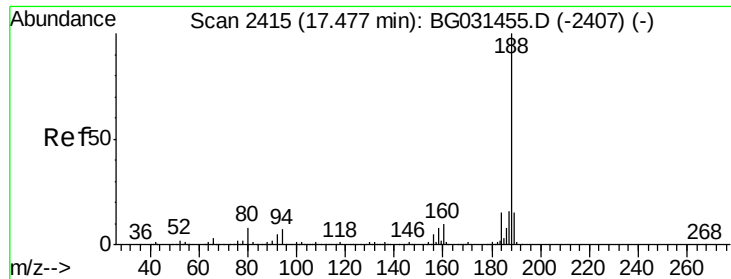
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#62
Azobenzene
Concen: 35.183 ng
RT: 16.05 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Lower	Upper
77	100		
182	33.6	7.4	47.4
105	21.8	0.3	40.3
51	29.6	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

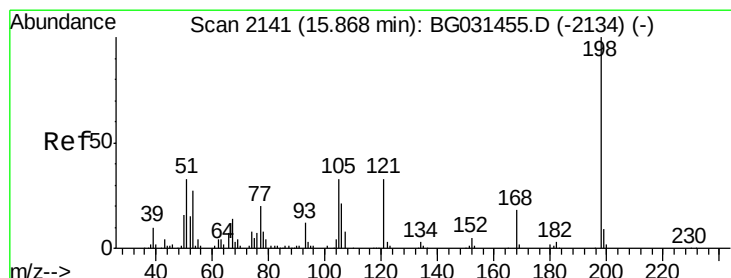
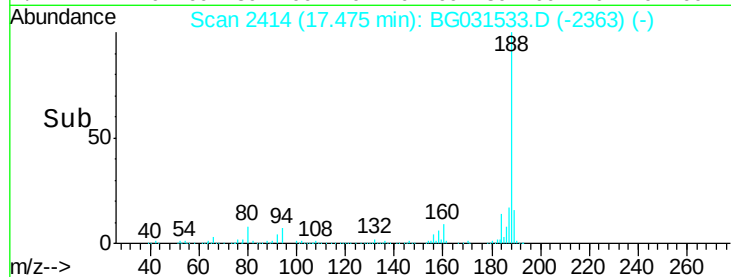
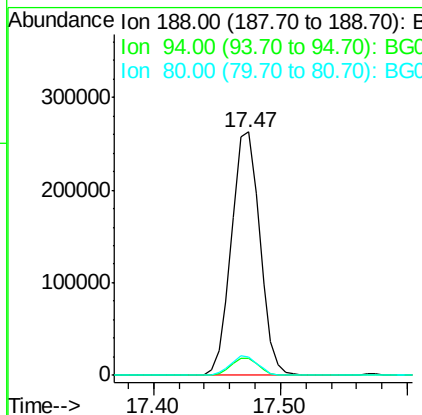
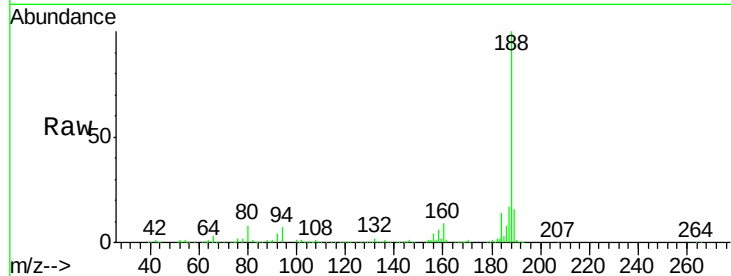
ClientSampleId :

PB104989BS

Tot Ion:	188	Resp:	406811
Ion Ratio	Lower	Upper	
188	100		
94	7.0	6.9	10.3
80	7.8	7.7	11.5

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#64

4,6-Dinitro-2-methylphenol

Concen: 31.867 ng

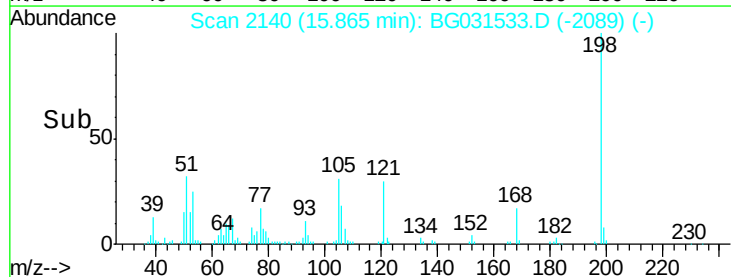
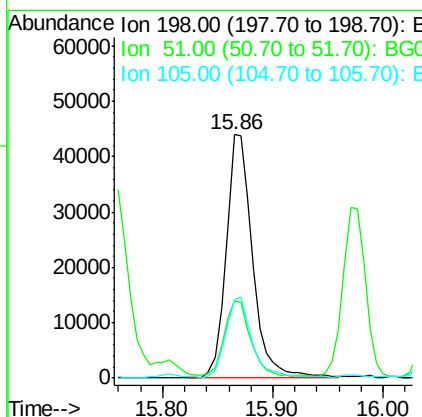
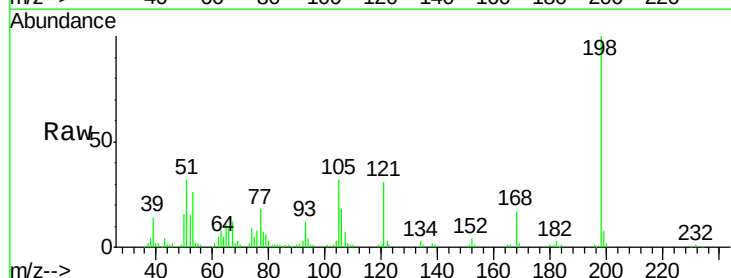
RT: 15.86 min Scan# 2140

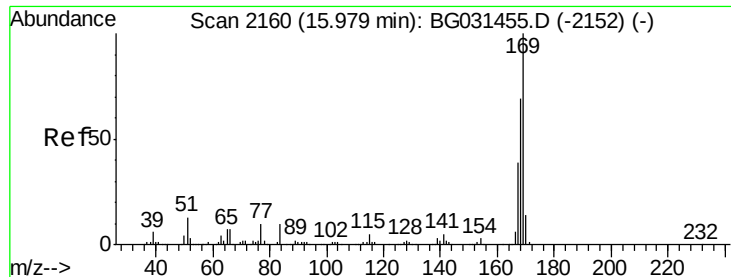
Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Tgt Ion:	198	Resp:	73941
Ion Ratio	Lower	Upper	
198	100		
51	31.6	30.6	70.6
105	32.3	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 31.160 ng

RT: 15.98 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

ClientSampleId :

PB104989BS

Tot Ion:169 Resp: 371036

Ion Ratio Lower Upper

169 100

168 70.9 55.7 83.5

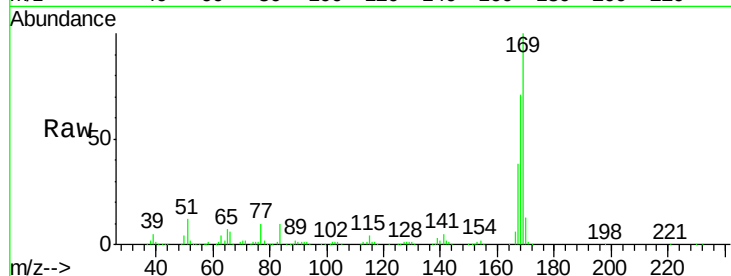
167 38.0 30.1 45.1

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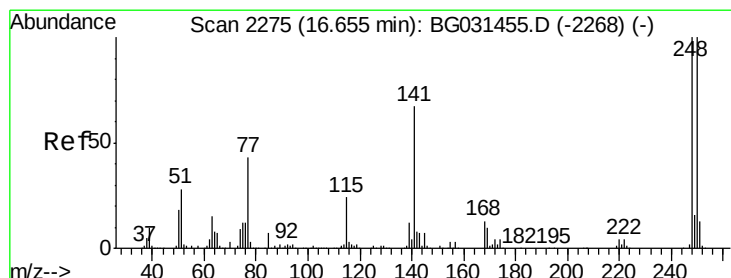
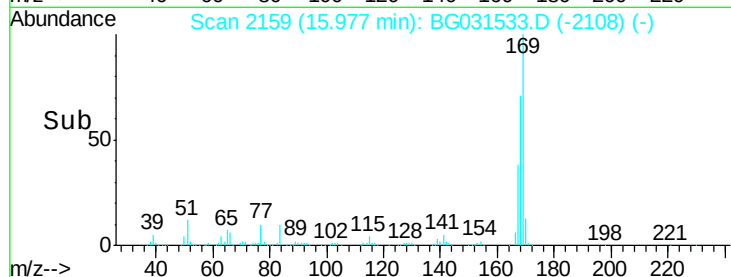
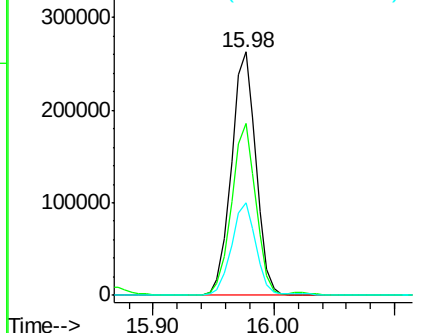
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 32.144 ng

RT: 16.65 min Scan# 2274

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

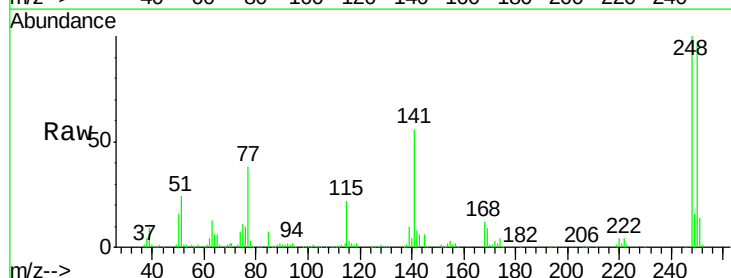
Tgt Ion:248 Resp: 152058

Ion Ratio Lower Upper

248 100

250 96.9 77.1 115.7

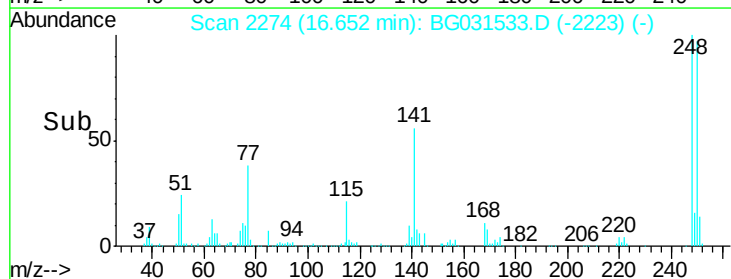
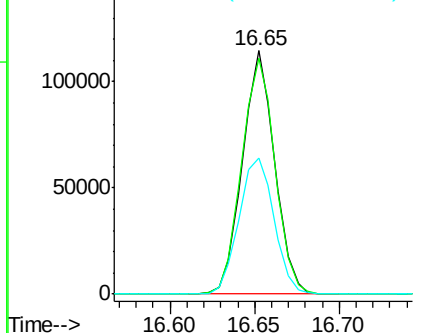
141 55.9 50.8 76.2

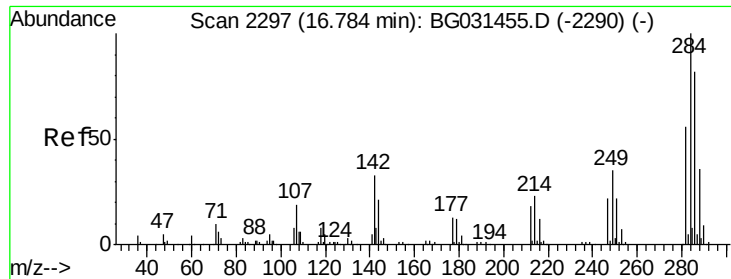


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 31.887 ng

RT: 16.78 min Scan# 2296

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

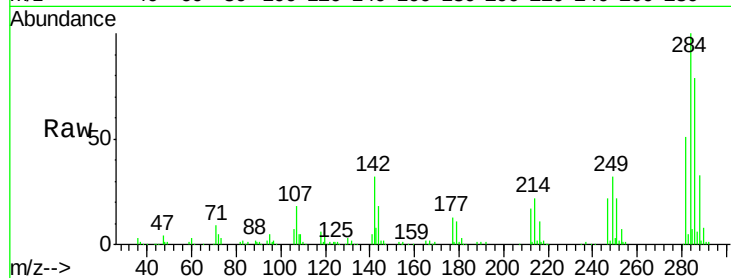
ClientSampled :

PB104989BS

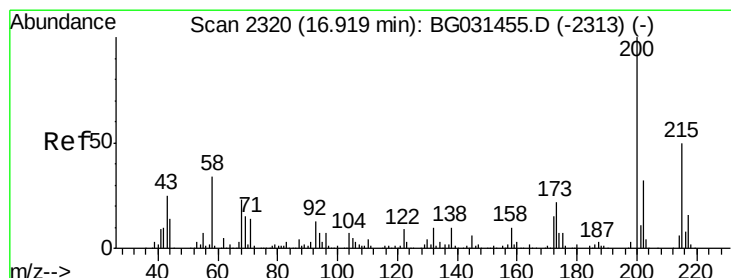
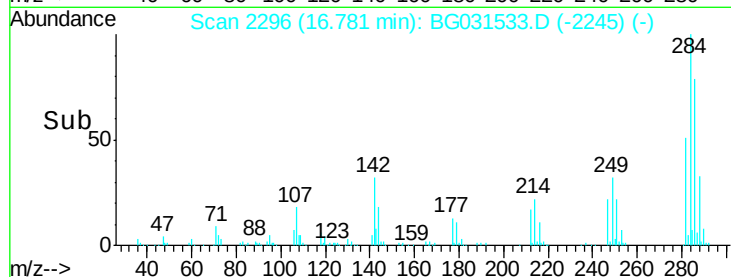
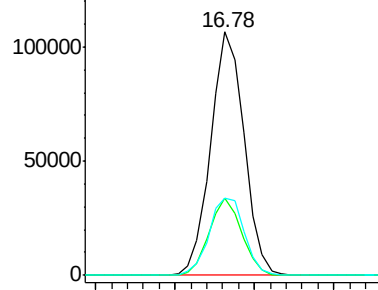
Tot Ion:	284	Resp:	155764
Ion Ratio	Lower	Upper	
284	100		
142	31.7	26.8	40.2
249	31.7	26.3	39.5

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



#68

Atrazine

Concen: 38.922 ng

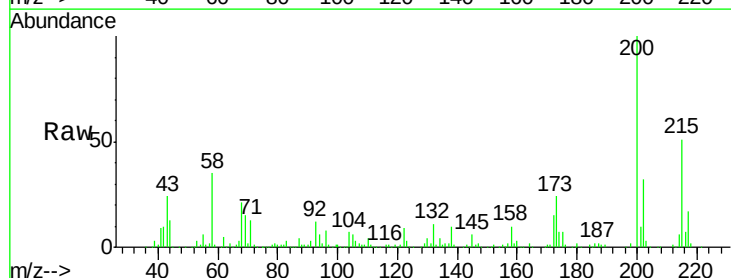
RT: 16.92 min Scan# 2319

Delta R.T. -0.00 min

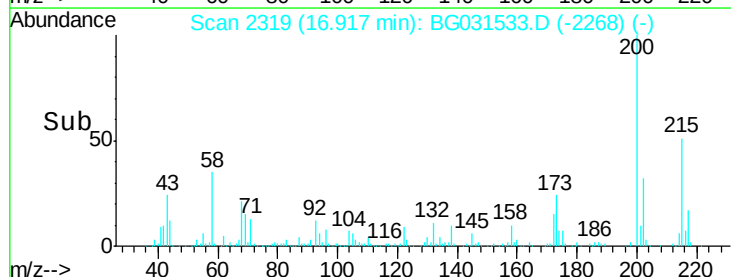
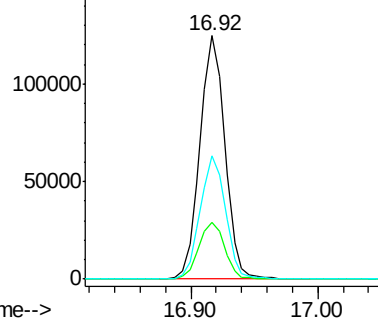
Lab File: BG031533.D

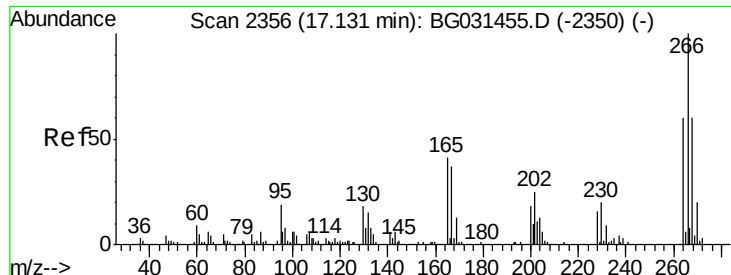
Acq: 13 Dec 2017 18:29

Tgt Ion:	200	Resp:	169465
Ion Ratio	Lower	Upper	
200	100		
173	23.5	5.2	45.2
215	50.7	30.4	70.4



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





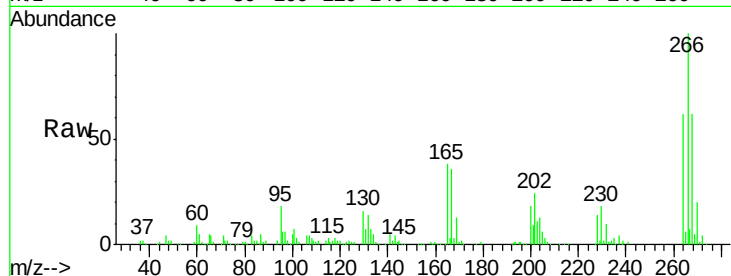
#69
 Pentachlorophenol
 Concen: 57.673 ng
 RT: 17.13 min Scan# 2356
 Delta R.T. 0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Instrument :
 BNA_G
 ClientSampleId :
 PB104989BS

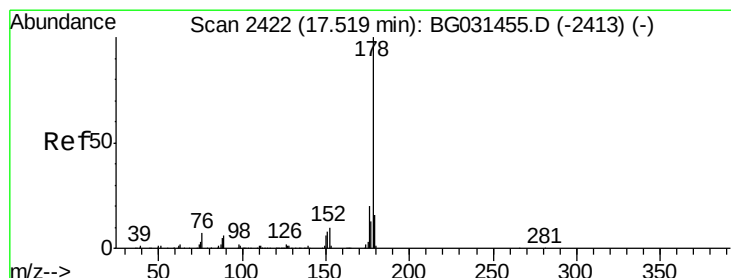
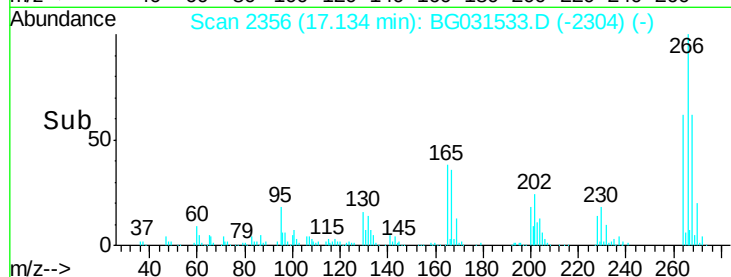
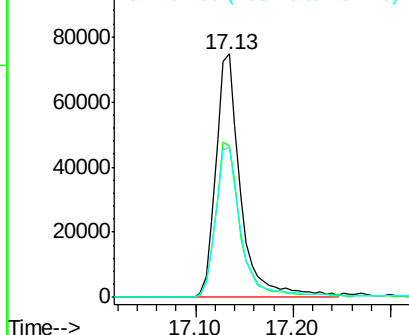
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.1	76.7
264	61.8	49.6	74.4

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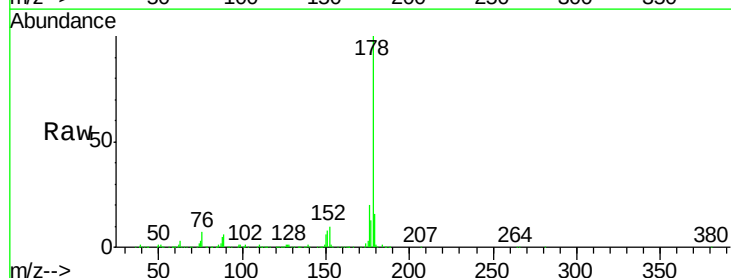


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

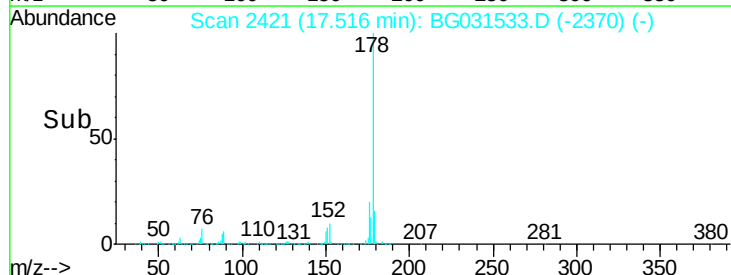
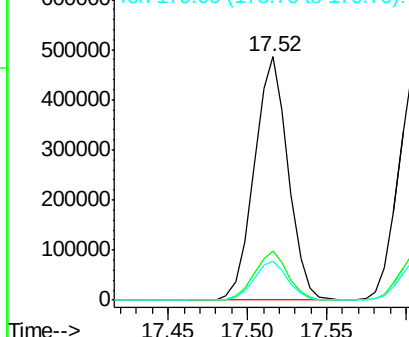


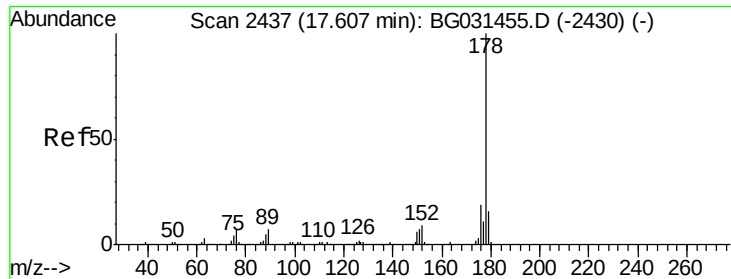
#70
 Phenanthrene
 Concen: 33.845 ng
 RT: 17.52 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	15.8	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





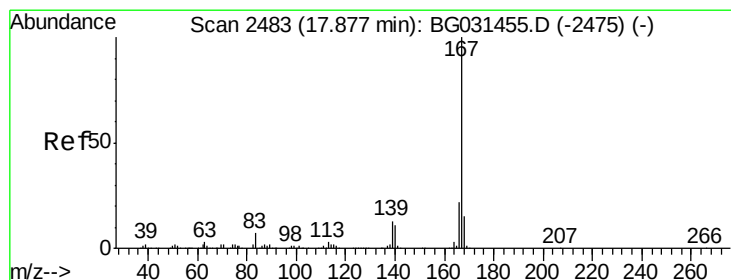
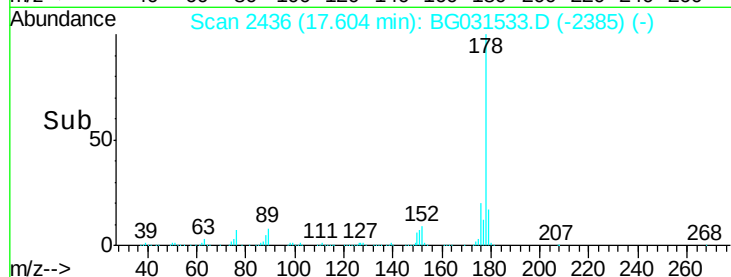
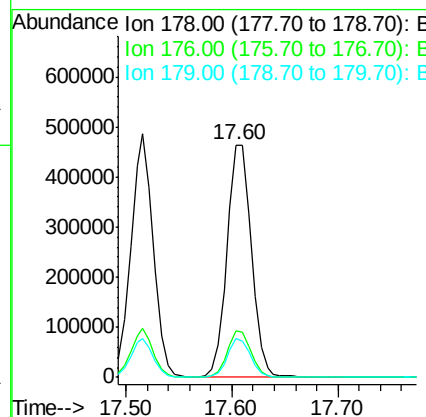
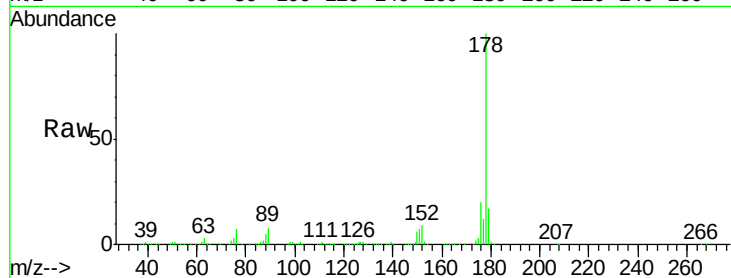
#71
 Anthracene
 Concen: 35.350 ng
 RT: 17.60 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Instrument :
 BNA_G
 ClientSampleId :
 PB104989BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.0	24.0
179	16.6	12.5	18.7

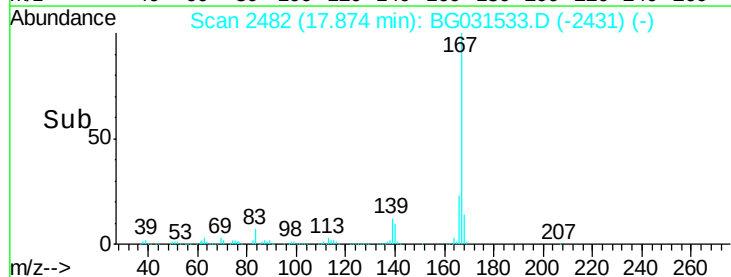
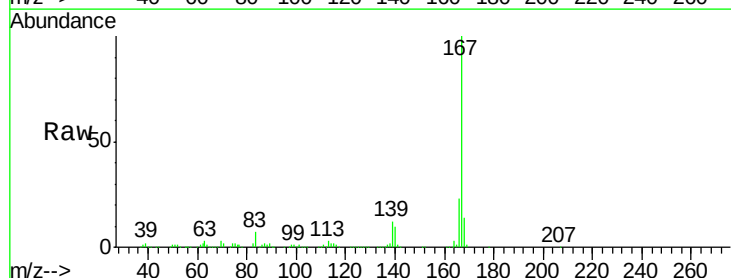
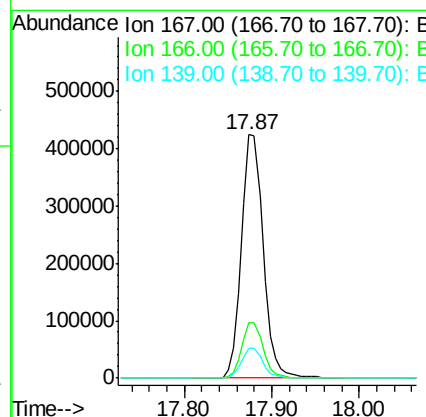
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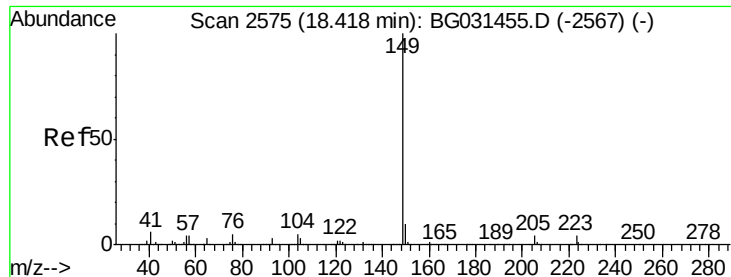
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#72
 Carbazole
 Concen: 37.317 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.4
139	12.3	9.4	14.2





#73

Di-n-butylphthalate

Concen: 38.305 ng

RT: 18.41 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

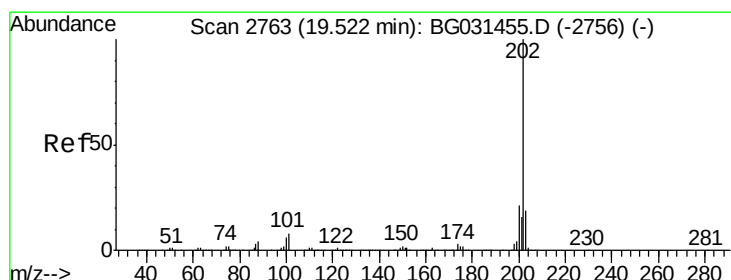
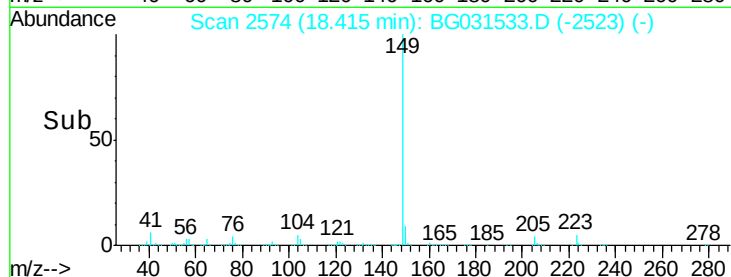
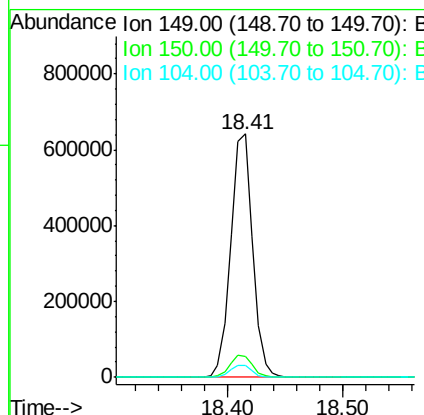
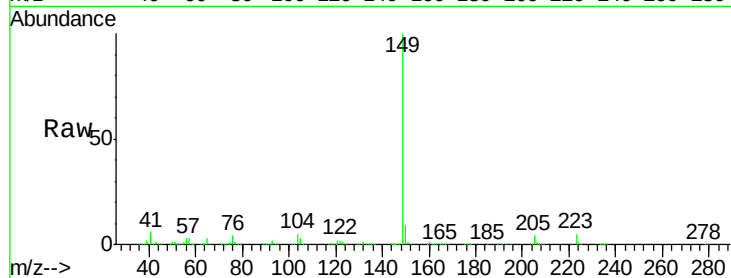
ClientSampleId :

PB104989BS

Tot Ion:	149	Resp:	841164
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.8	11.6
104	4.8	3.9	5.9

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#74

Fluoranthene

Concen: 37.500 ng

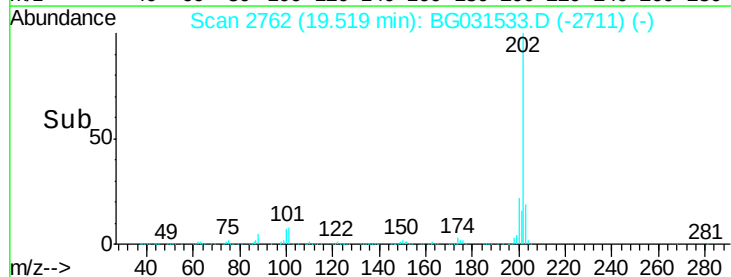
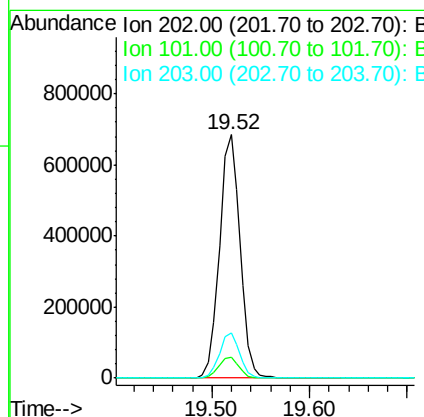
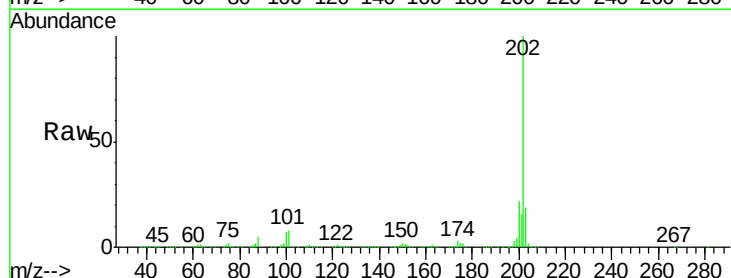
RT: 19.52 min Scan# 2762

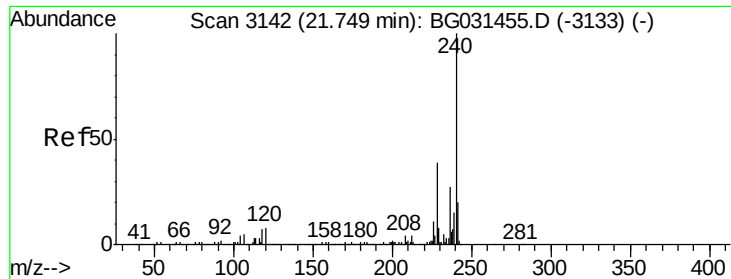
Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Tgt Ion:	202	Resp:	997100
Ion Ratio	Lower	Upper	
202	100		
101	8.4	0.0	28.9
203	18.7	0.0	37.5





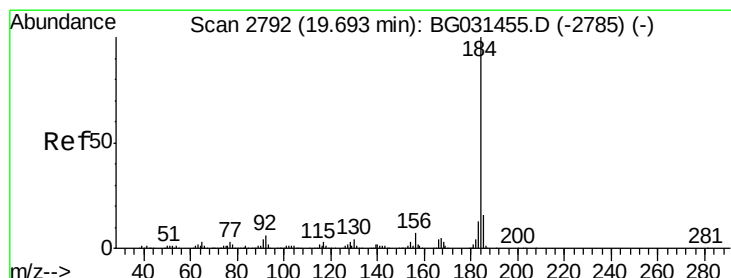
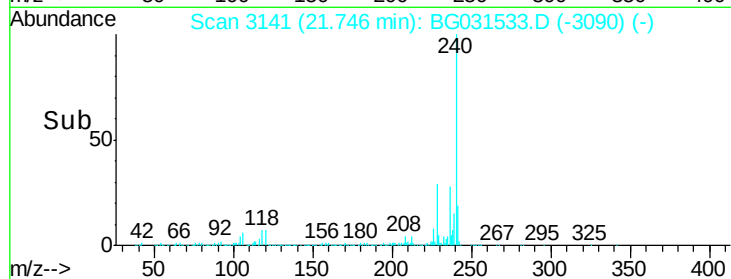
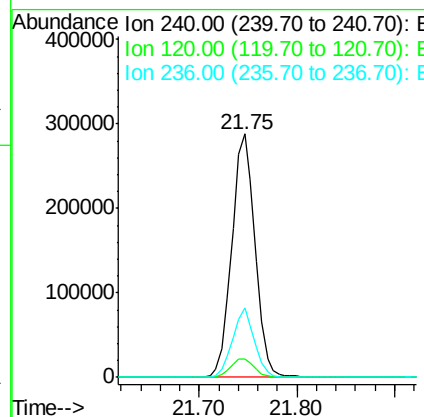
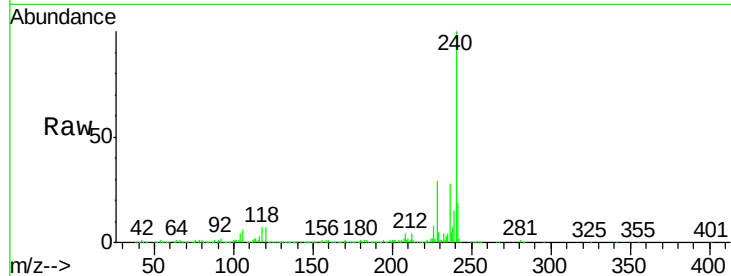
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Instrument :
BNA_G
ClientSampleId :
PB104989BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	475245		
120	7.3	6.8	10.2	
236	28.5	20.9	31.3	

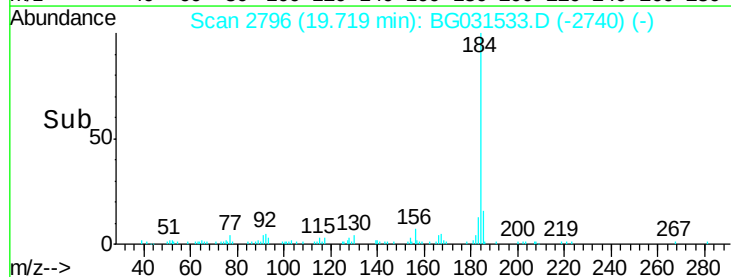
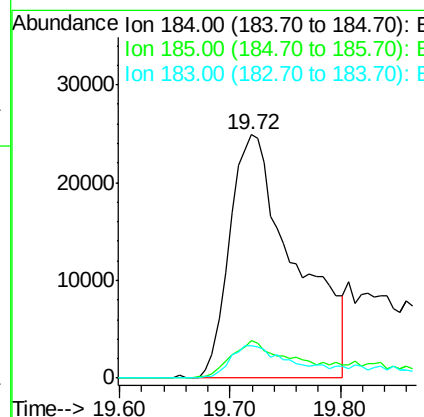
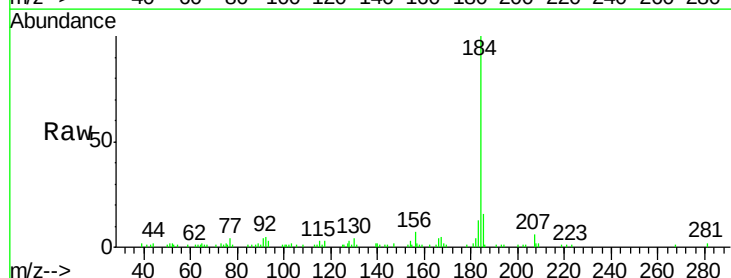
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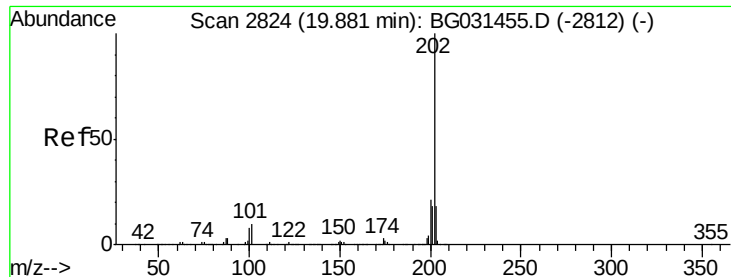
Sohil
12/15/2017 7:47:56 PM



#76
Benzidine
Concen: 9.274 ng
RT: 19.72 min Scan# 2796
Delta R.T. 0.03 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	102566		
185	15.6	11.1	16.7	
183	13.1	10.6	16.0	





#77

Pvrene

Concen: 34.820 ng

RT: 19.88 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

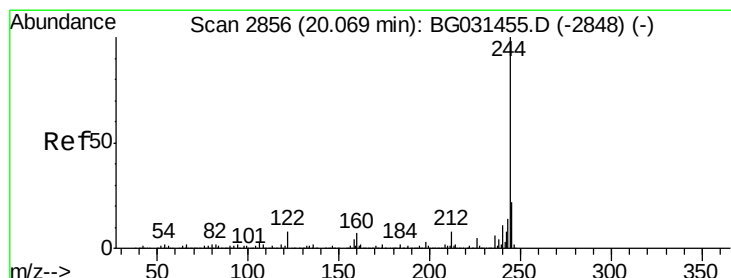
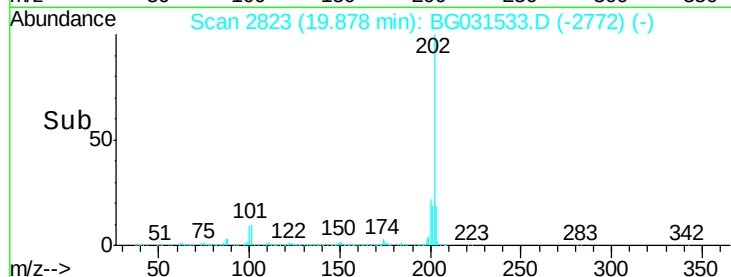
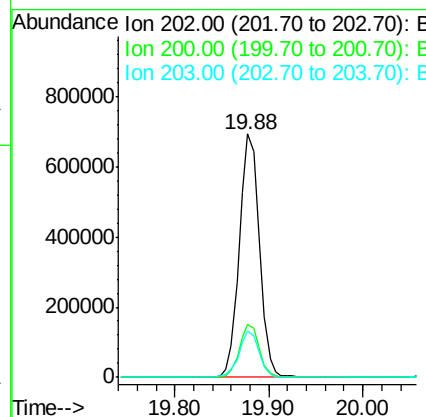
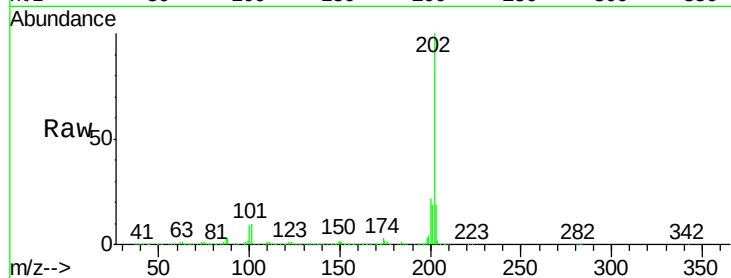
ClientSampleId :

PB104989BS

Tot Ion:	202	Resp:	1028224
Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.9	25.3
203	19.0	13.9	20.9

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#78

Terphenyl-d14

Concen: 77.265 ng

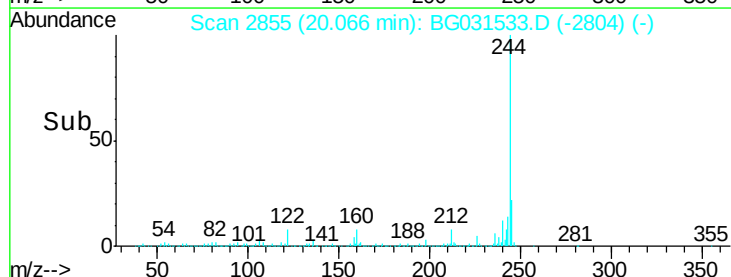
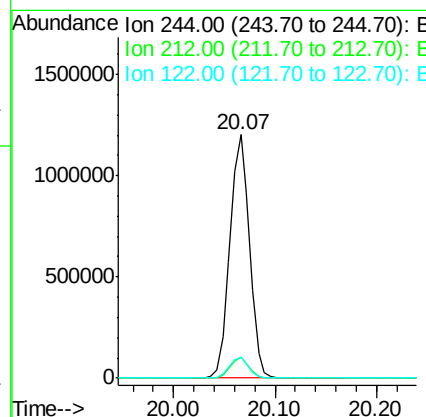
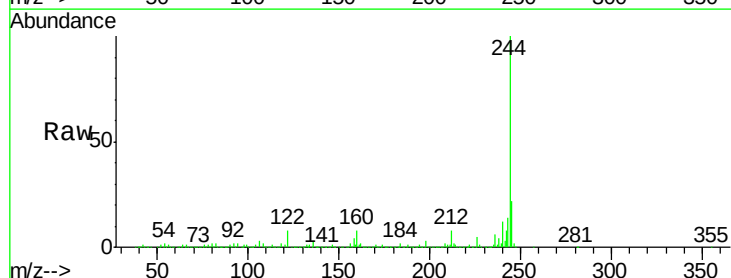
RT: 20.07 min Scan# 2855

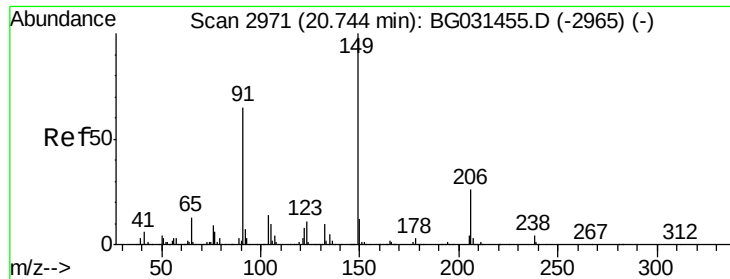
Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Tgt Ion:	244	Resp:	1613936
Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	8.3	7.0	10.4





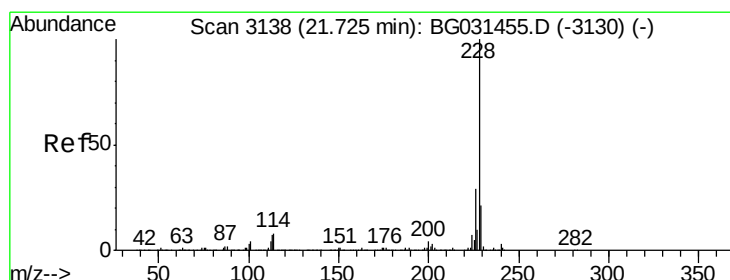
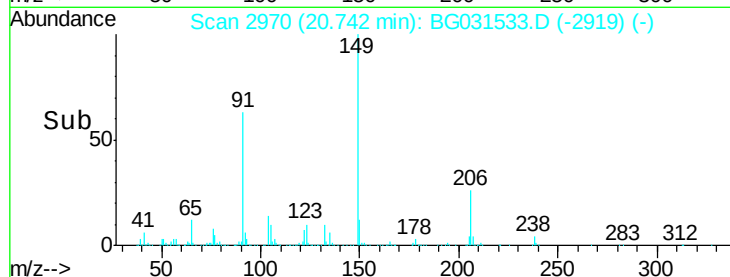
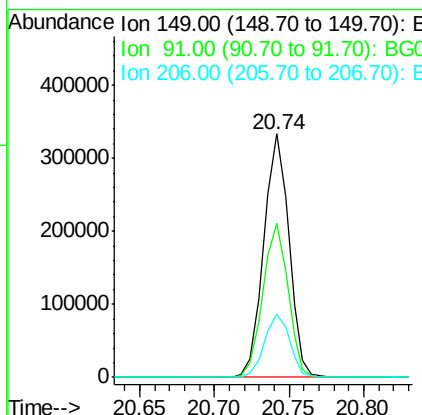
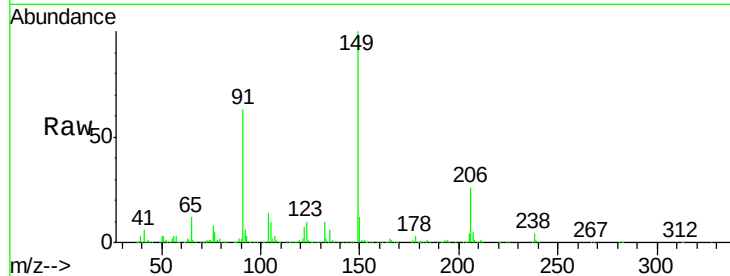
#79
Butylbenzylphthalate
Concen: 37.433 ng
RT: 20.74 min Scan# 2970
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Instrument :
BNA_G
ClientSampleId :
PB104989BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	387787		
91	63.0	62.2	93.2	
206	26.0	18.6	27.8	

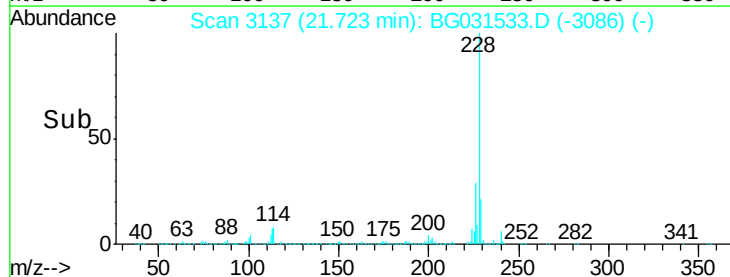
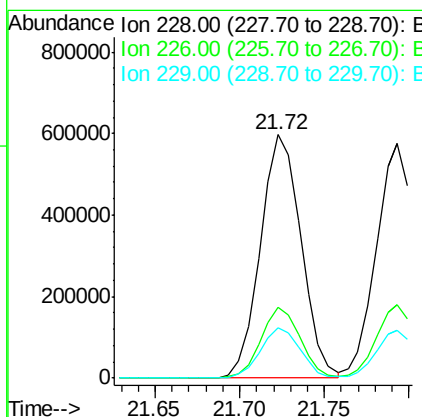
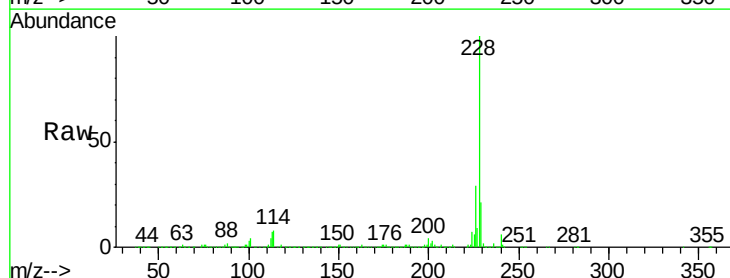
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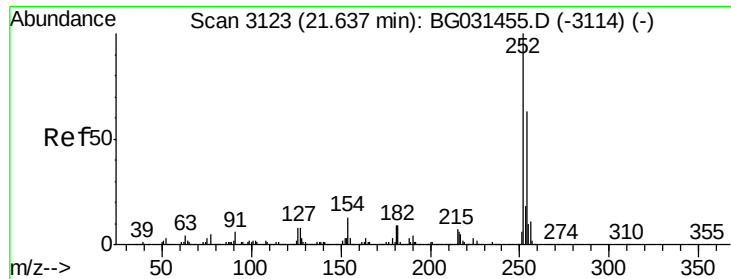
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#80
Benzo(a)anthracene
Concen: 34.558 ng
RT: 21.72 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	991292		
226	29.2	22.7	34.1	
229	20.7	16.2	24.2	





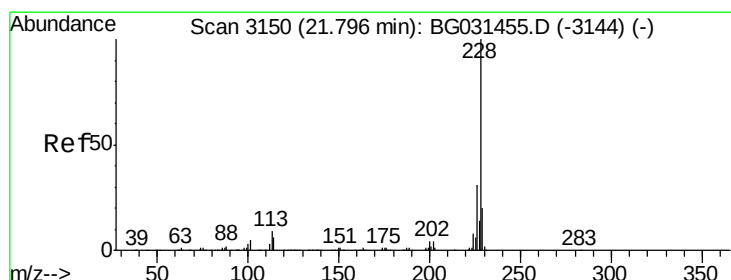
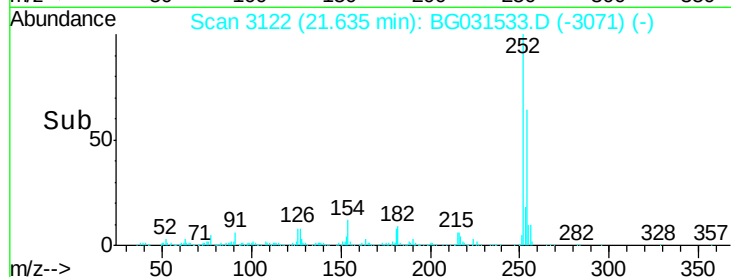
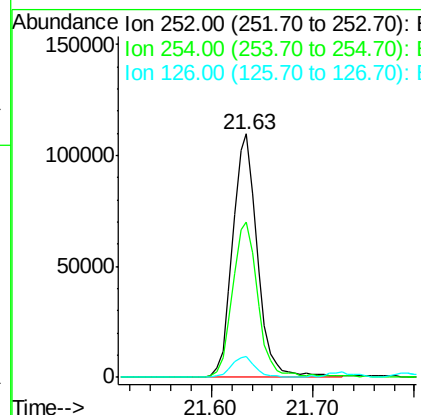
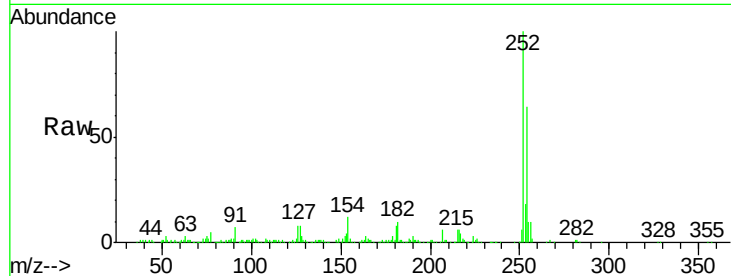
#81
 3,3'-Dichlorobenzidine
 Concen: 18.695 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Instrument :
 BNA_G
 ClientSampleID :
 PB104989BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	186637		
254	63.7	50.8	76.2	
126	8.3	7.4	11.2	

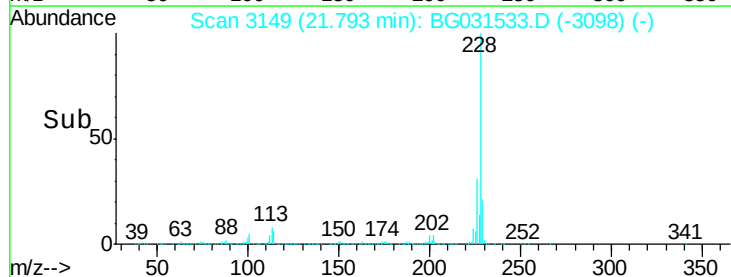
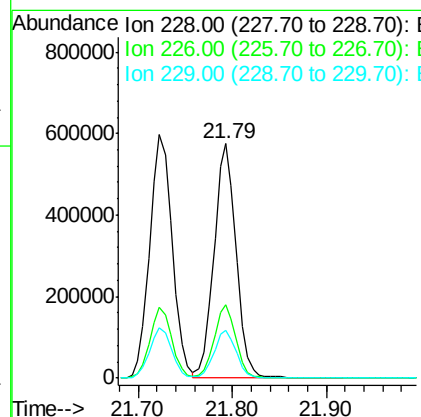
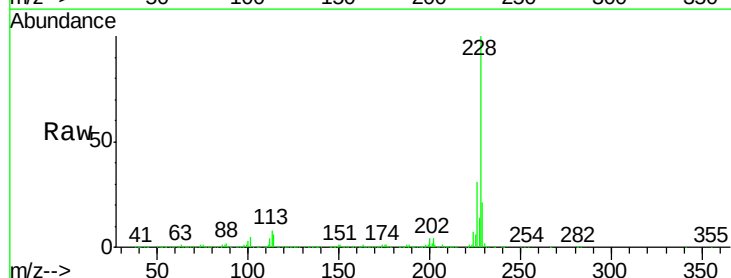
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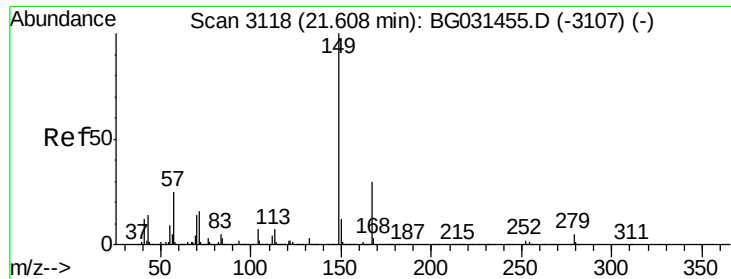
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#82
 Chrysene
 Concen: 34.343 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	944405		
226	31.2	24.9	37.3	
229	20.6	15.0	22.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.412 ng

RT: 21.60 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

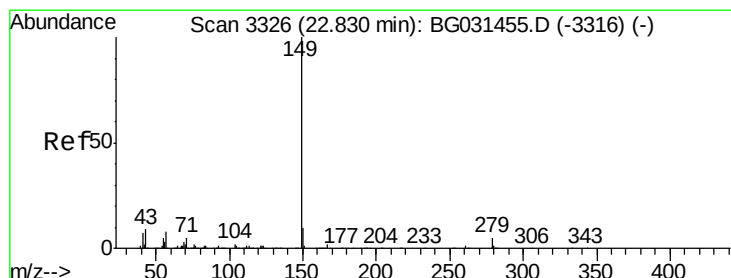
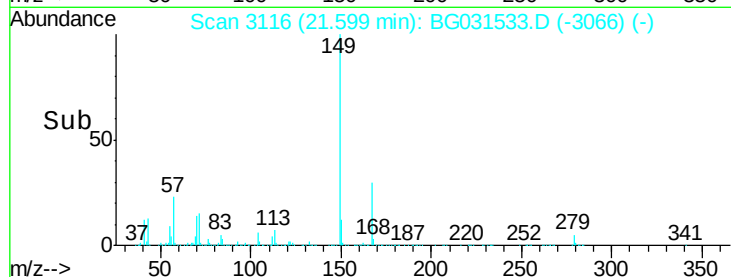
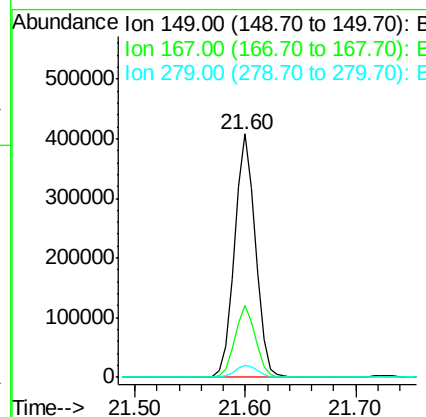
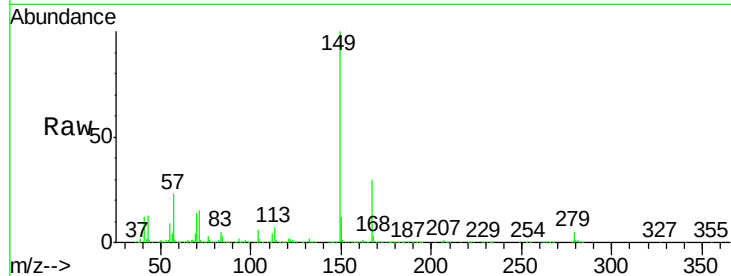
ClientSampleId :

PB104989BS

Tot Ion:	149	Resp:	542687
Ion Ratio	Lower	Upper	
149	100		
167	29.8	24.3	36.5
279	4.8	4.0	6.0

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 37.409 ng

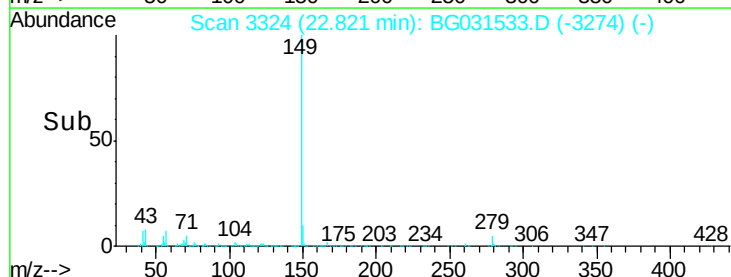
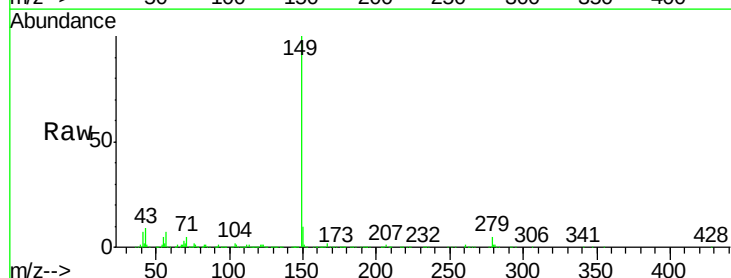
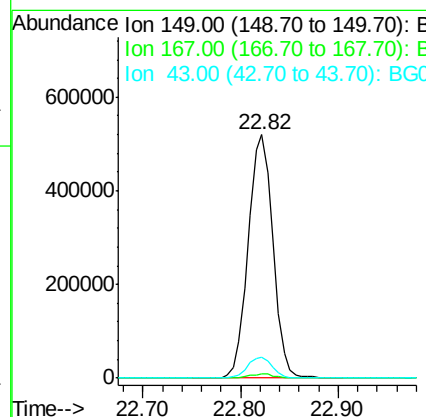
RT: 22.82 min Scan# 3324

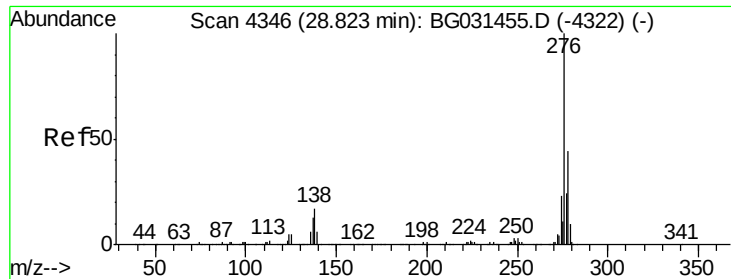
Delta R.T. -0.01 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Tgt Ion:	149	Resp:	919694
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	8.5	8.9	13.3#





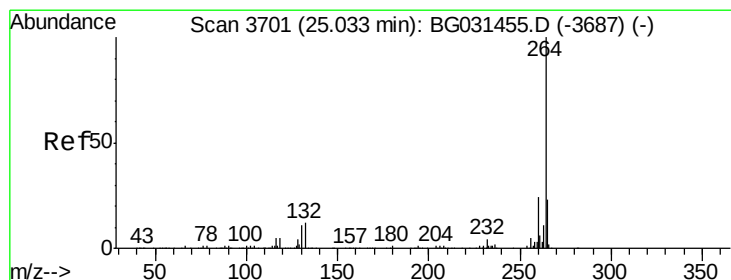
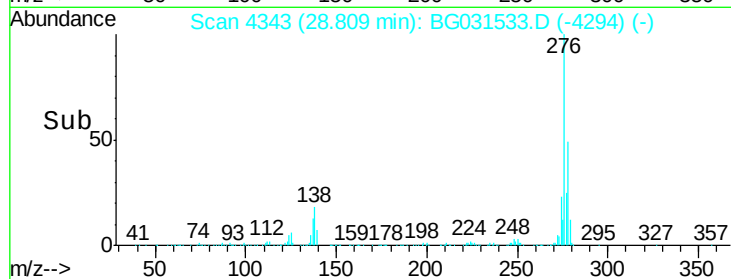
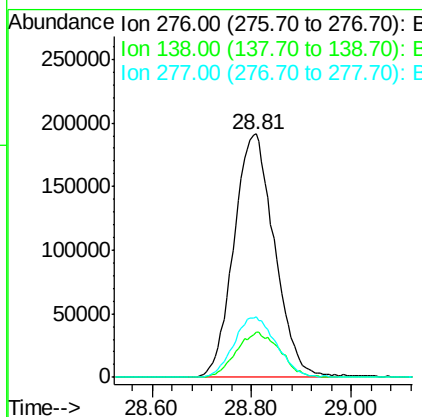
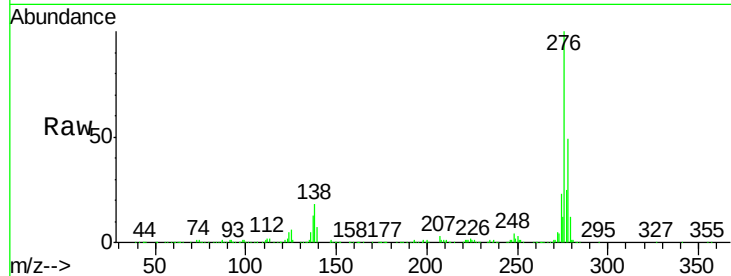
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.840 ng
 RT: 28.81 min Scan# 4343
 Delta R.T. -0.01 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Instrument :
 BNA_G
 ClientSampleID :
 PB104989BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.0	16.0	24.0
277	25.8	20.0	30.0

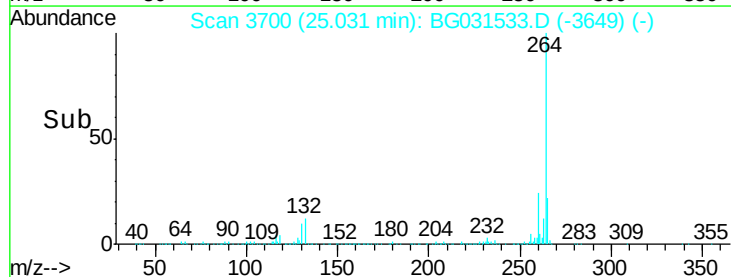
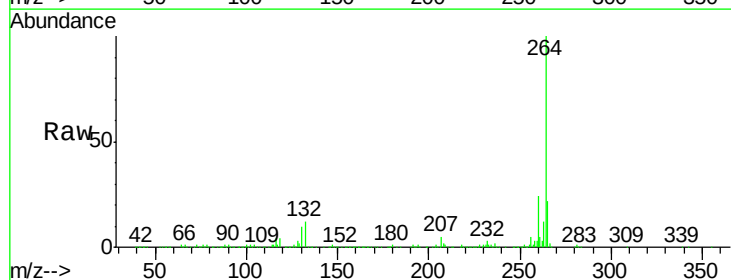
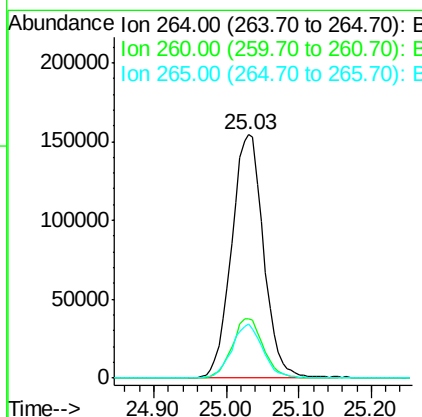
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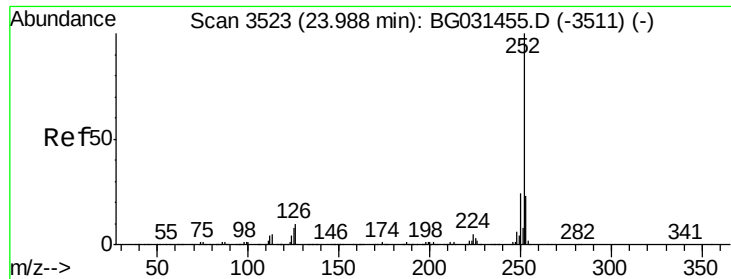
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.03 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	22.3	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 34.050 ng

RT: 23.98 min Scan# 3522

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

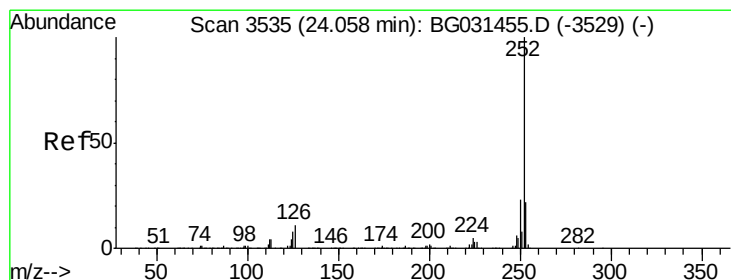
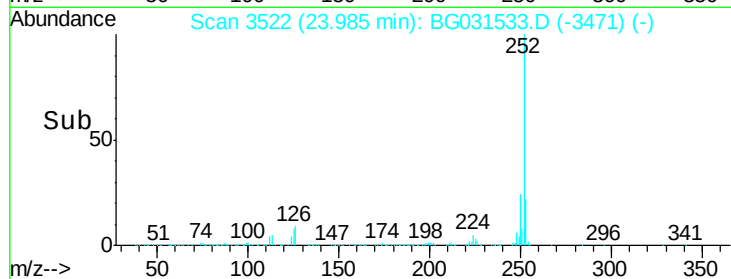
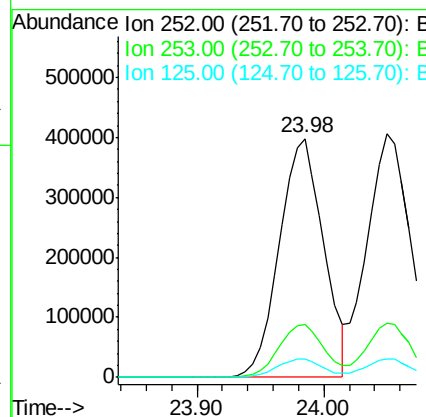
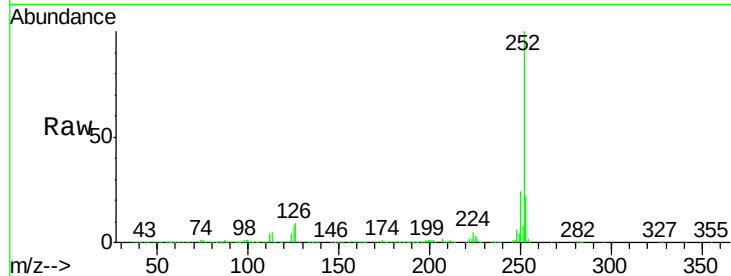
ClientSampleId :

PB104989BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	7.6	7.2	10.8

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#88

Benzo(k)fluoranthene

Concen: 33.741 ng

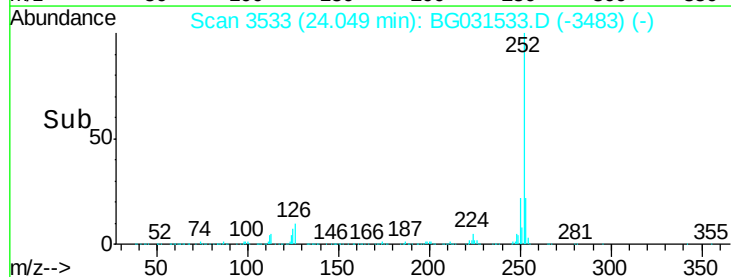
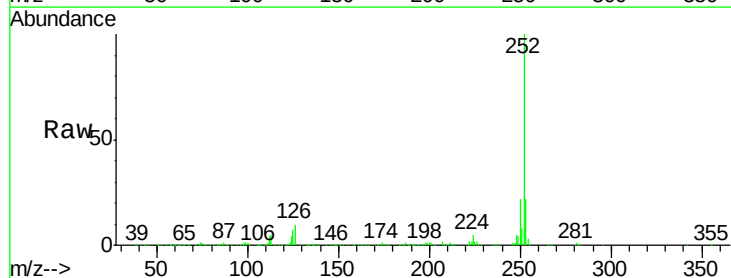
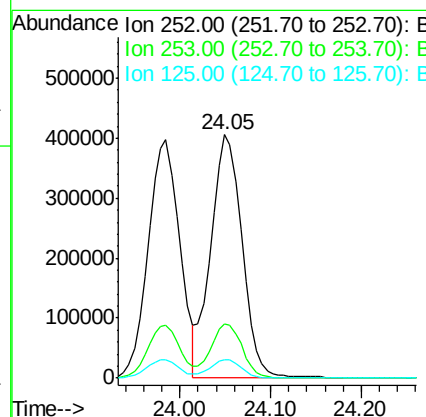
RT: 24.05 min Scan# 3533

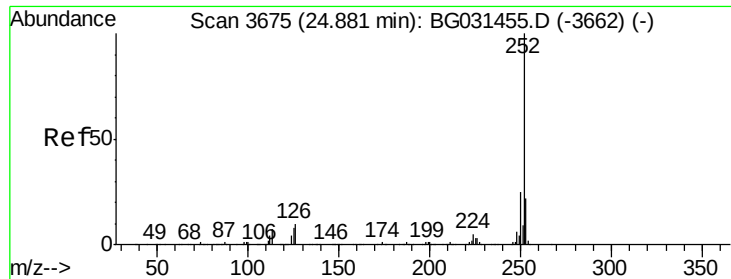
Delta R.T. -0.01 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	7.4	6.6	9.8





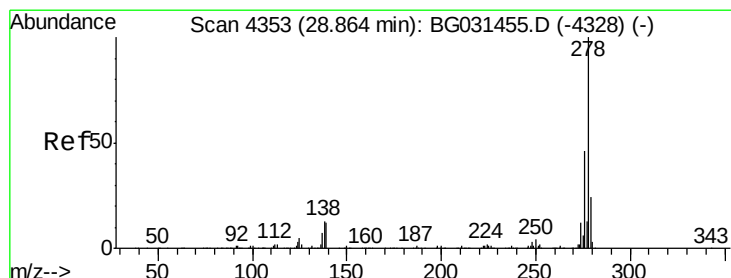
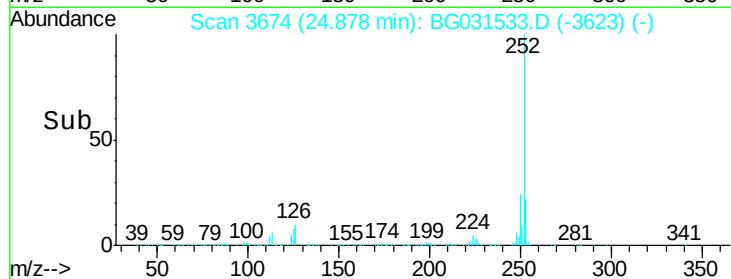
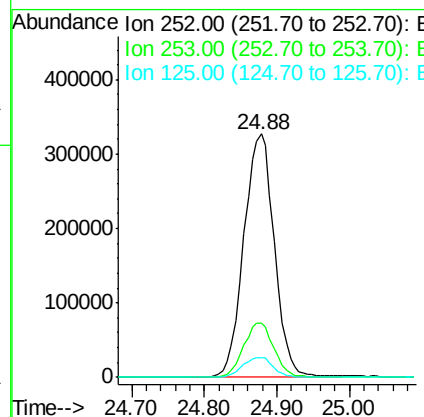
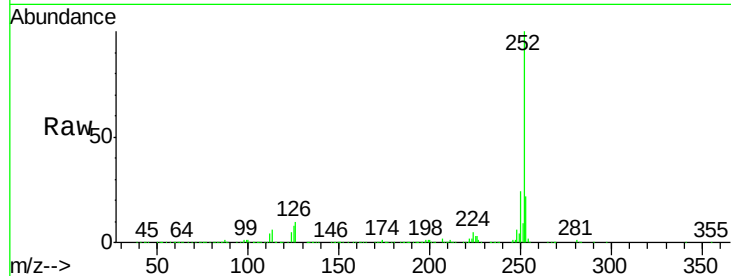
#89
Benzo(a)pyrene
Concen: 35.636 ng
RT: 24.88 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Instrument :
BNA_G
ClientSampleId :
PB104989BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	8.0	7.3	10.9

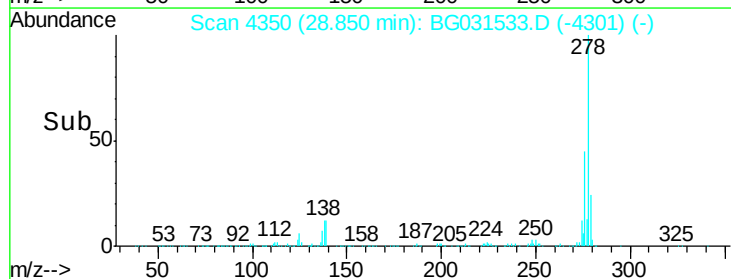
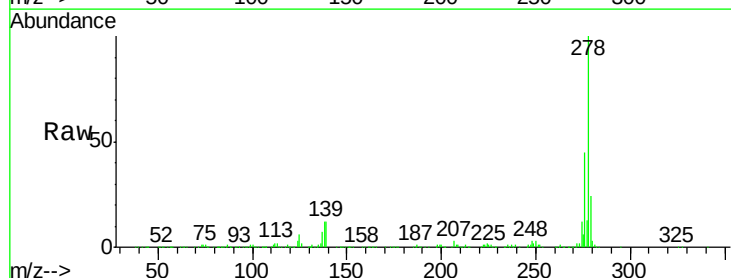
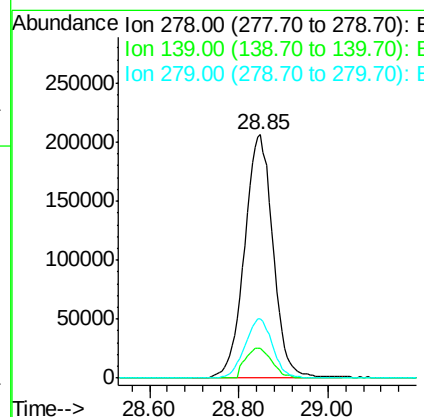
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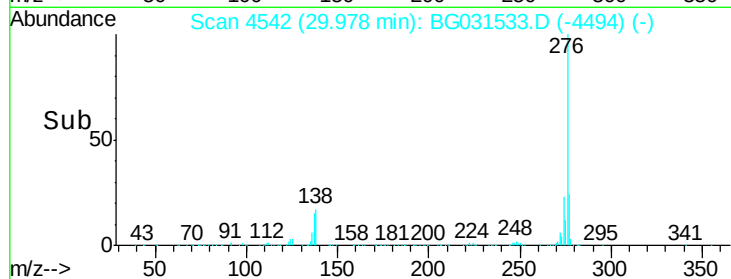
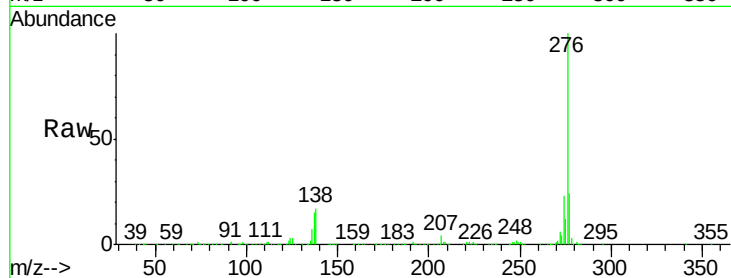
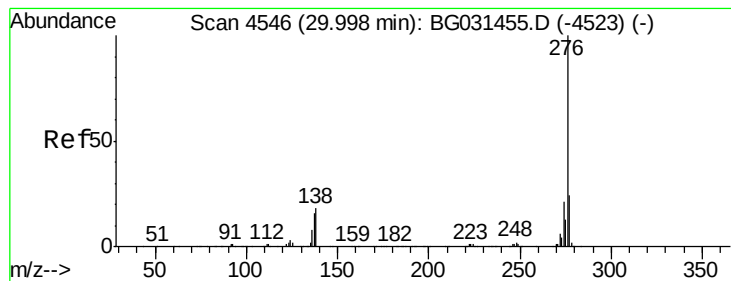
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#90
Dibenzo(a,h)anthracene
Concen: 35.380 ng
RT: 28.85 min Scan# 4350
Delta R.T. -0.01 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.5	9.8	14.6
279	24.3	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 35.688 ng

RT: 29.98 min Scan# 4542

Delta R.T. -0.02 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Tot Ion:	276	Resp:	899375
Ion Ratio		Lower	Upper
276	100		
277	24.3	18.3	27.5
138	16.6	13.9	20.9

Instrument :

BNA_G

ClientSampleId :

PB104989BS

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