

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062518\
 Data File : BG035404.D
 Acq On : 26 Jun 2018 9:01
 Operator : JU/SJ
 Sample : PB110513BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110513BS

Manual Integrations
 APPROVED

Sohil
 6/27/2018 10:48:31 AM

Quant Time: Jun 26 11:30:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	6/27/2018 10:48:31 AM
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1) 1,4-Dichlorobenzene-d4	8.05	152	52361	20.00	ng	-0.03	
21) Naphthalene-d8	10.86	136	190552	20.00	ng	-0.03	
38) Acenaphthene-d10	14.68	164	133794	20.00	ng	-0.02	
63) Phenanthrene-d10	17.42	188	349928	20.00	ng	-0.02	
75) Chrysene-d12	21.68	240	377689	20.00	ng	-0.03	
86) Perylene-d12	24.90	264	362105	20.00	ng	-0.06	

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	312470	100.71	ng	-0.02	
7) Phenol-d6	7.21	99	469326	102.49	ng	0.00	
23) Nitrobenzene-d5	9.21	82	446442	111.37	ng	-0.03	
41) 2,4,6-Tribromophenol	16.16	330	208109	121.51	ng	-0.02	
44) 2-Fluorobiphenyl	13.30	172	1017555	98.87	ng	-0.03	
78) Terphenyl-d14	20.02	244	1725592	95.70	ng	-0.03	

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	53468	36.119	ng	# 72
3) Pyridine	3.94	79	153098	38.330	ng	# 71
4) n-Nitrosodimethylamine	3.85	42	67743	39.479	ng	# 73
6) Aniline	7.38	93	125299	21.168	ng	98
8) 2-Chlorophenol	7.62	128	156045	47.981	ng	99
9) Benzaldehyde	7.19	77	82121	23.281	ng	90
10) Phenol	7.24	94	234891	49.565	ng	95
11) bis(2-Chloroethyl)ether	7.47	93	154280	41.943	ng	86
12) 1,3-Dichlorobenzene	7.94	146	176980	45.608	ng	96
13) 1,4-Dichlorobenzene	8.09	146	177466	44.303	ng	96
14) 1,2-Dichlorobenzene	8.41	146	169645	45.087	ng	95
15) Benzyl Alcohol	8.29	79	183125	42.203	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.58	45	172649	47.158	ng	76
17) 2-Methylphenol	8.49	107	152694	48.870	ng	# 90
18) Hexachloroethane	9.14	117	67219	46.872	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	141998	36.498	ng	# 88
20) 3+4-Methylphenols	8.82	107	213088	47.580	ng	93
22) Acetophenone	8.87	105	268543	45.495	ng	# 91
24) Nitrobenzene	9.25	77	211855	51.609	ng	92
25) Isophorone	9.78	82	406423	48.020	ng	99
26) 2-Nitrophenol	9.96	139	89793	63.460	ng	# 90
27) 2,4-Dimethylphenol	10.02	122	162855	54.757	ng	91
28) bis(2-Chloroethoxy)methane	10.26	93	217856	47.899	ng	95
29) 2,4-Dichlorophenol	10.50	162	184184	56.915	ng	92
30) 1,2,4-Trichlorobenzene	10.72	180	196327	50.594	ng	97
31) Naphthalene	10.90	128	482290	48.721	ng	98
32) Benzoic acid	10.17	122	104277	52.345	ng	99
33) 4-Chloroaniline	11.02	127	31094	7.234	ng	97
34) Hexachlorobutadiene	11.19	225	148865	49.328	ng	97
35) Caprolactam	11.80	113	60282m	50.403	ng	
36) 4-Chloro-3-methylphenol	12.13	107	216959	53.782	ng	94
37) 2-Methylnaphthalene	12.51	142	376815	50.209	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	258942	51.960	ng	98
40) Hexachlorocyclopentadiene	12.85	237	364415	116.607	ng	93

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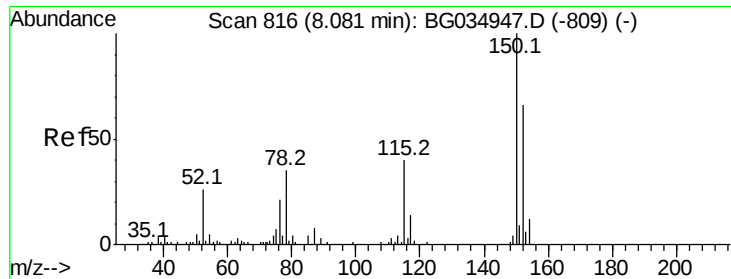
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	6/27/2018 10:48:31 AM
42) 2,4,6-Trichlorophenol	13.11	196	171814	57.577	nq		98
43) 2,4,5-Trichlorophenol	13.18	196	185739	56.710	nq		99
45) 1,1'-Biphenyl	13.51	154	514397	47.813	nq		99
46) 2-Chloronaphthalene	13.55	162	411997	50.651	nq		99
47) 2-Nitroaniline	13.75	65	135831	56.551	nq		99
48) Acenaphthylene	14.40	152	679202	49.798	nq		98
49) Dimethylphthalate	14.13	163	552434	47.349	nq	#	98
50) 2,6-Dinitrotoluene	14.25	165	123553	58.047	nq		89
51) Acenaphthene	14.74	154	402959	45.218	nq		99
52) 3-Nitroaniline	14.58	138	49081	23.499	nq	#	88
53) 2,4-Dinitrophenol	14.78	184	151344	175.692	nq	#	70
54) Dibenzofuran	15.07	168	657375	49.255	nq		95
55) 4-Nitrophenol	14.89	139	188850	107.136	nq	#	84
56) 2,4-Dinitrotoluene	15.03	165	183405	64.865	nq	#	85
57) Fluorene	15.72	166	548631	49.186	nq		95
58) 2,3,4,6-Tetrachlorophenol	15.30	232	193297	60.752	nq	#	91
59) Diethylphthalate	15.49	149	549974	46.203	nq		96
60) 4-Chlorophenyl-phenylether	15.71	204	320901	50.453	nq		98
61) 4-Nitroaniline	15.74	138	123389	55.086	nq	#	82
62) Azobenzene	16.00	77	552450	47.361	nq		94
64) 4,6-Dinitro-2-methylphenol	15.80	198	108376	67.834	nq		81
65) n-Nitrosodiphenylamine	15.93	169	482935	45.956	nq		96
66) 4-Bromophenyl-phenylether	16.60	248	219999	52.207	nq		98
67) Hexachlorobenzene	16.73	284	226906	52.903	nq		93
68) Atrazine	16.87	200	222147	49.571	nq		96
69) Pentachlorophenol	17.07	266	267948	92.904	nq		97
70) Phenanthrene	17.46	178	881303	49.579	nq		97
71) Anthracene	17.55	178	905132	50.834	nq		98
72) Carbazole	17.82	167	806672	48.828	nq		98
73) Di-n-butylphthalate	18.37	149	918192	46.630	nq	#	98
74) Fluoranthene	19.46	202	1143788	49.449	nq		95
76) Benzidine	19.64	184	302195	21.506	nq		96
77) Pyrene	19.83	202	1153446	46.325	nq		97
79) Butylbenzylphthalate	20.71	149	410119	45.361	nq	#	96
80) Benzo(a)anthracene	21.67	228	1172282	48.571	nq		98
81) 3,3'-Dichlorobenzidine	21.58	252	231812	25.529	nq	#	97
82) Chrysene	21.73	228	1088440	49.255	nq		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	567447	44.417	nq	#	99
84) Di-n-octyl phthalate	22.78	149	976055	44.534	nq	#	92
85) Indeno(1,2,3-cd)pyrene	28.56	276	1309297	50.589	nq	#	88
87) Benzo(b)fluoranthene	23.88	252	1130559	50.700	nq	#	95
88) Benzo(k)fluoranthene	23.95	252	1106755	50.737	nq	#	97
89) Benzo(a)pyrene	24.75	252	1098796	52.366	nq	#	97
90) Dibenzo(a,h)anthracene	28.63	278	1065422	51.435	nq	#	95
91) Benzo(g,h,i)perylene	29.73	276	1085088	53.528	nq	#	92

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



#1

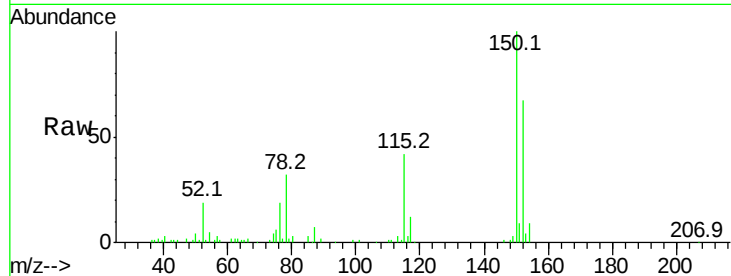
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.03 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Instrument :
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PB110513BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.8	126.6	189.8
115	63.3	53.0	79.4

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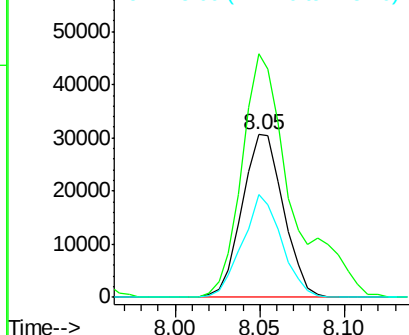


Abundance

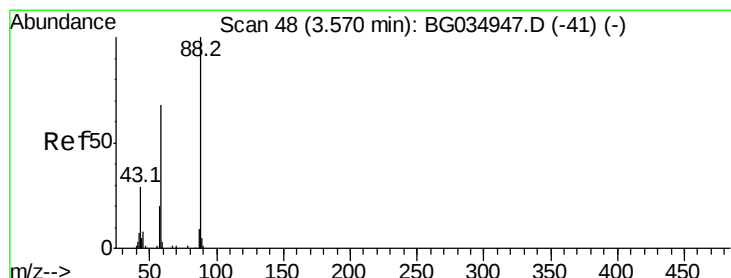
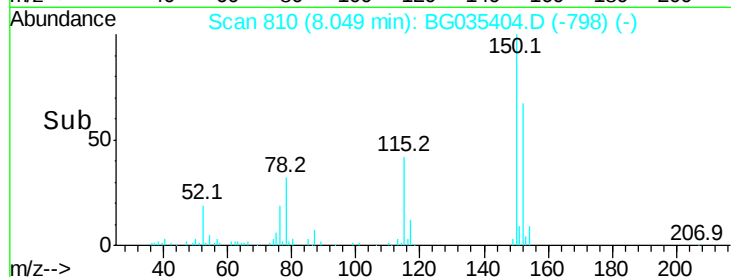
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



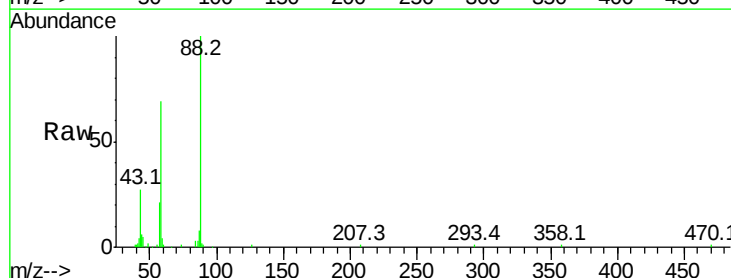
6/27/2018 10:48:31 AM



#2

1,4-Dioxane
Concen: 36.119 ng
RT: 3.54 min Scan# 43
Delta R.T. -0.02 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.3	79.6	119.4#
43	27.9	27.4	41.0

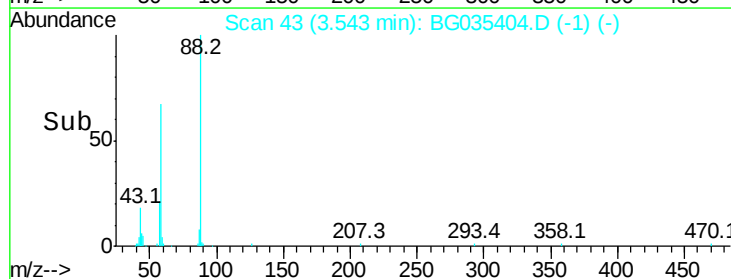
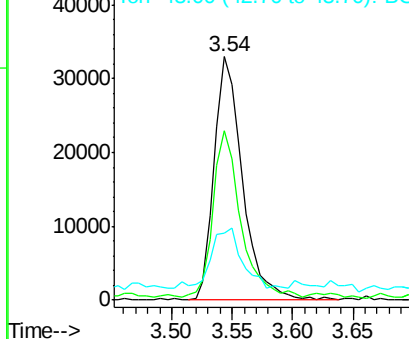


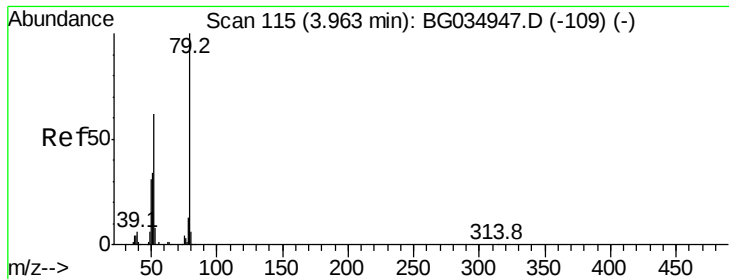
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.330 ng

RT: 3.94 min Scan# 110

Delta R.T. -0.02 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Instrument :

BNA_G

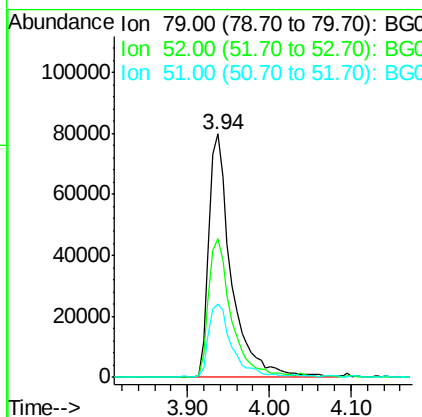
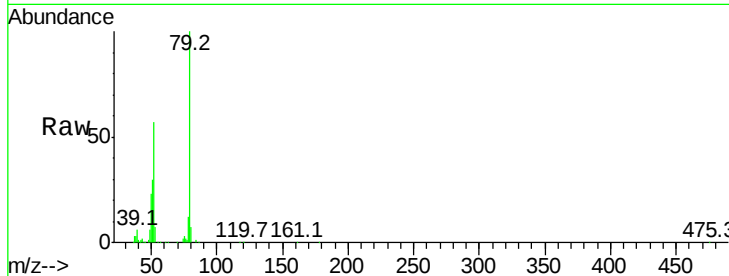
ClientSampleId :

PB110513BS

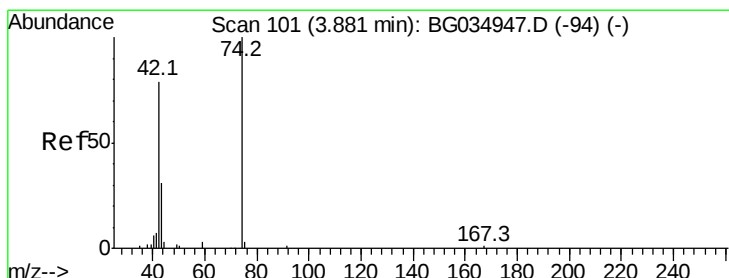
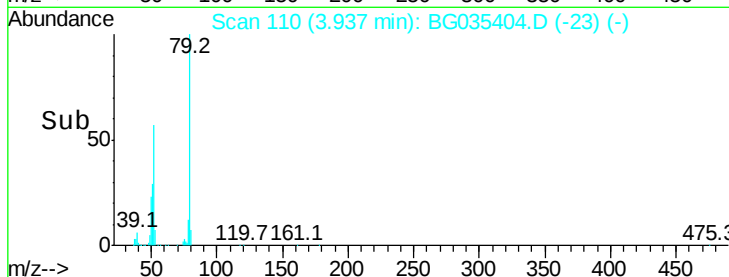
Tot Ion:	79	Resp:	153098
Ion Ratio	Lower	Upper	
79	100		
52	56.9	69.9	104.9#
51	29.9	34.0	51.0#

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#4

n-Nitrosodimethylamine

Concen: 39.479 ng

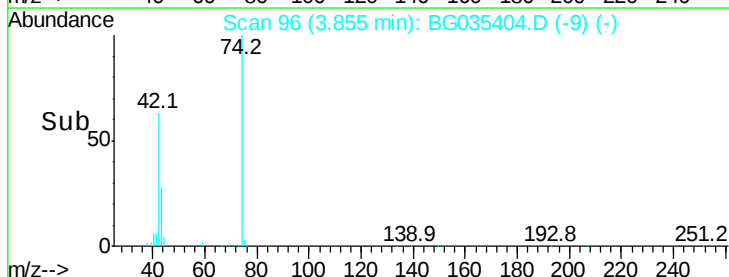
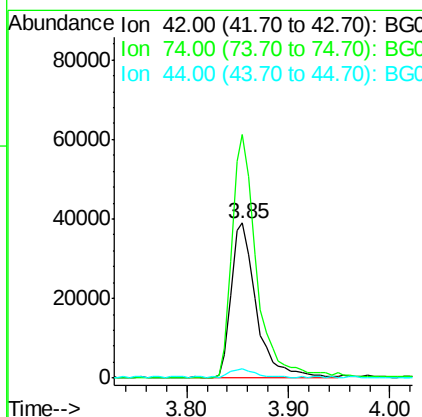
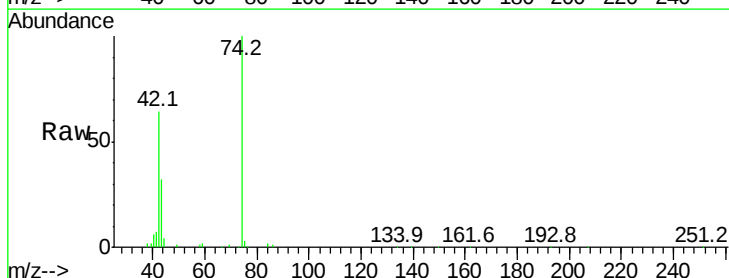
RT: 3.85 min Scan# 96

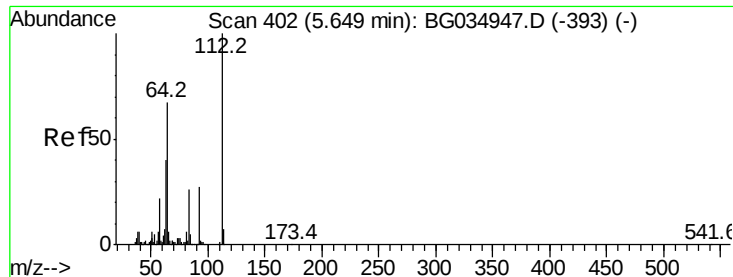
Delta R.T. -0.02 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Tgt Ion:	42	Resp:	67743
Ion Ratio	Lower	Upper	
42	100		
74	157.4	102.5	153.7#
44	6.0	18.9	28.3#





#5

2-Fluorophenol

Concen: 100.710 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.02 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Instrument :

BNA_G

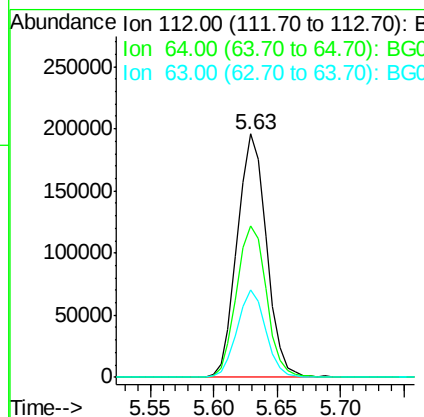
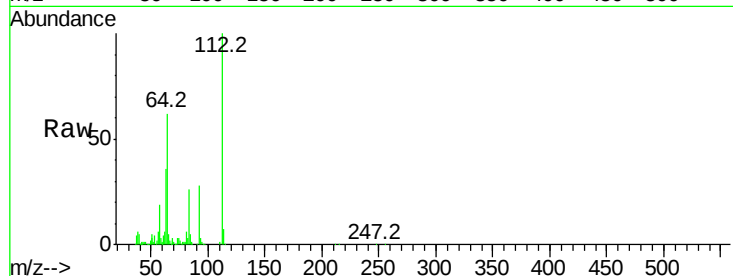
ClientSampleId :

PB110513BS

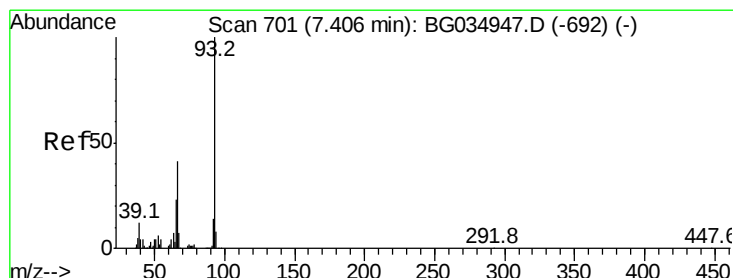
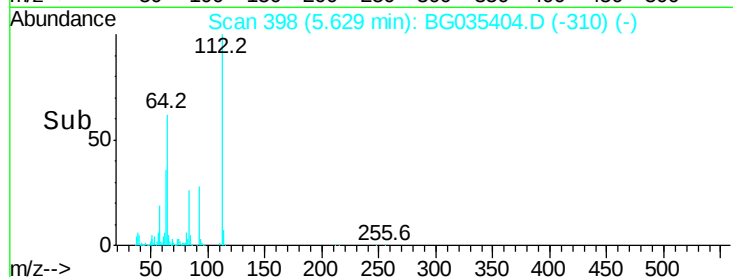
Tot Ion:	112	Resp:	312470
Ion Ratio	Lower	Upper	
112	100		
64	62.4	56.3	84.5
63	36.1	30.1	45.1

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#6

Aniline

Concen: 21.168 ng

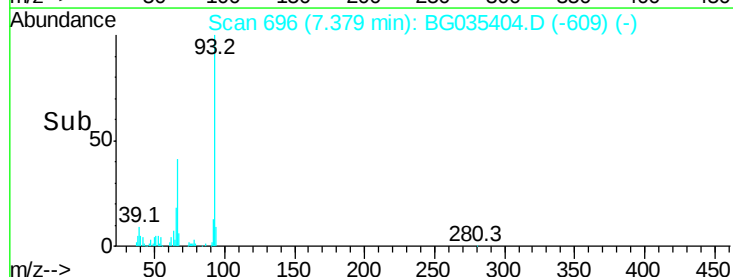
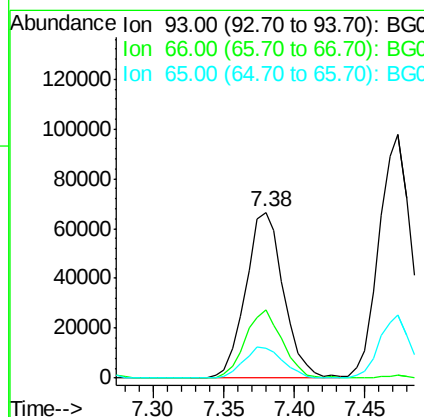
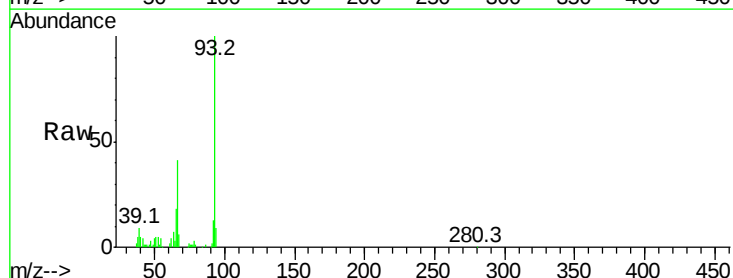
RT: 7.38 min Scan# 696

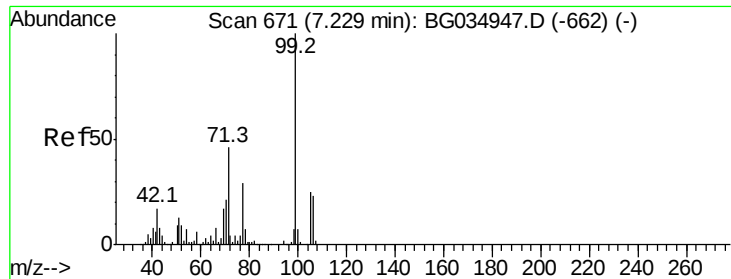
Delta R.T. -0.02 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Tgt Ion:	93	Resp:	125299
Ion Ratio	Lower	Upper	
93	100		
66	41.4	33.7	50.5
65	18.2	16.1	24.1





#7

Phenol-d6

Concen: 102.487 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Instrument :

BNA_G

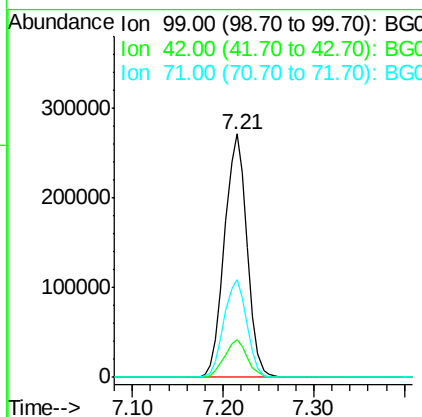
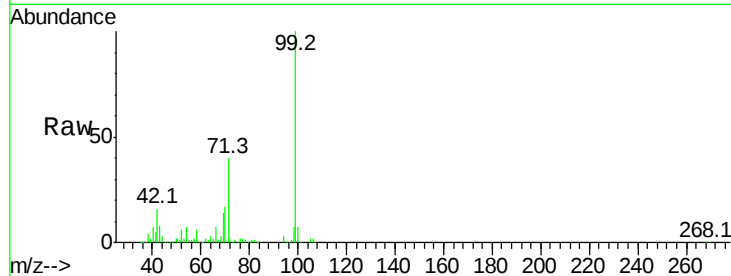
ClientSampleId :

PB110513BS

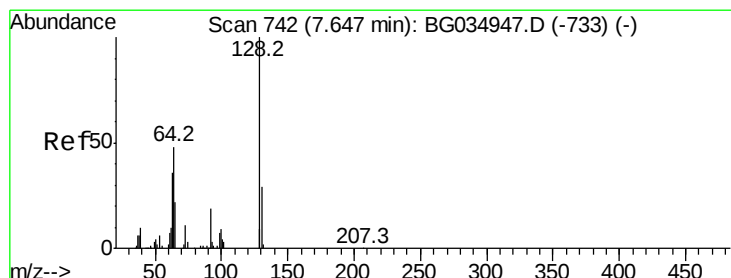
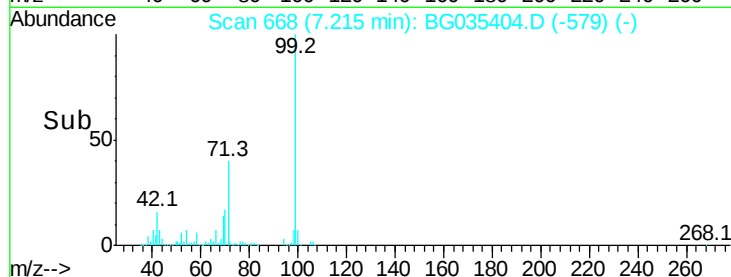
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		469326		
42	15.5	14.1	21.1		
71	40.3	26.1	39.1#		

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#8

2-Chlorophenol

Concen: 47.981 ng

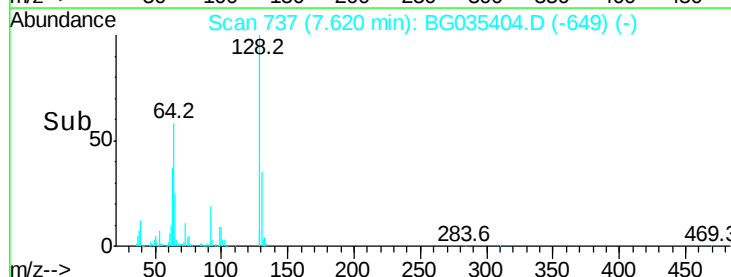
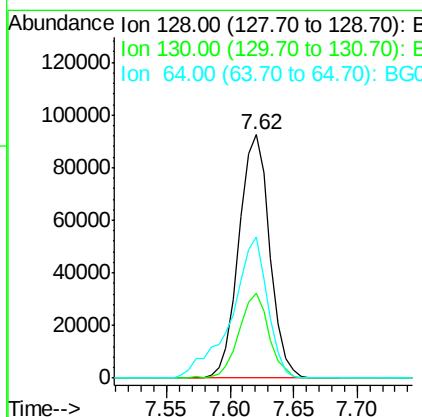
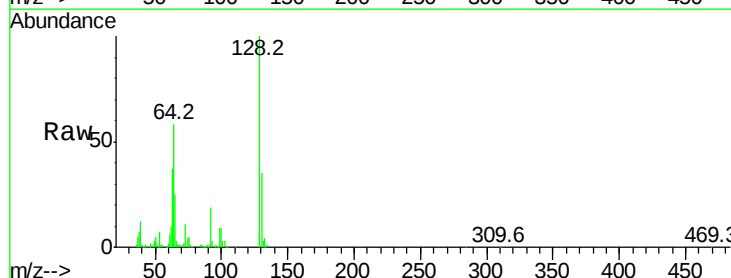
RT: 7.62 min Scan# 737

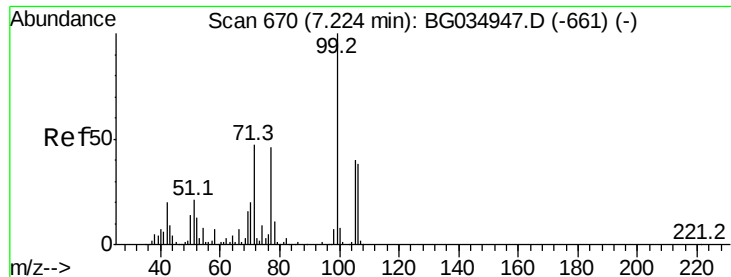
Delta R.T. -0.02 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		156045		
130	34.7	14.0	54.0		
64	58.3	37.7	77.7		





#9

Benzaldehyde

Concen: 23.281 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.02 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Instrument :

BNA_G

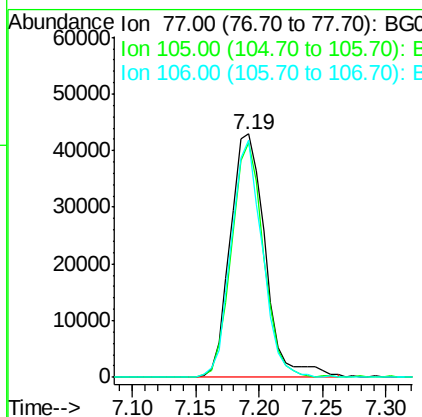
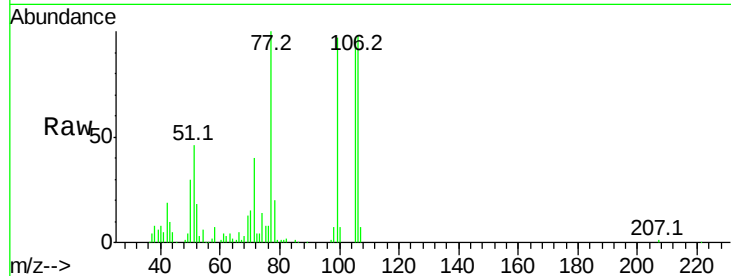
ClientSampleId :

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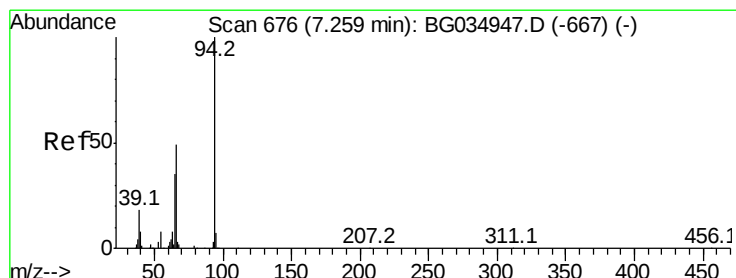
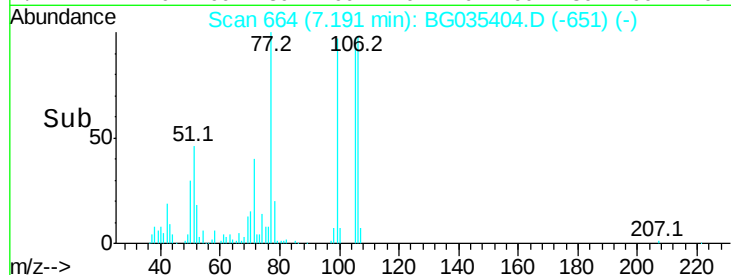
Tot Ion:	77	Resp:	82121
Ion Ratio	Lower	Upper	
77	100		
105	96.6	71.3	111.3
106	97.5	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 49.565 ng

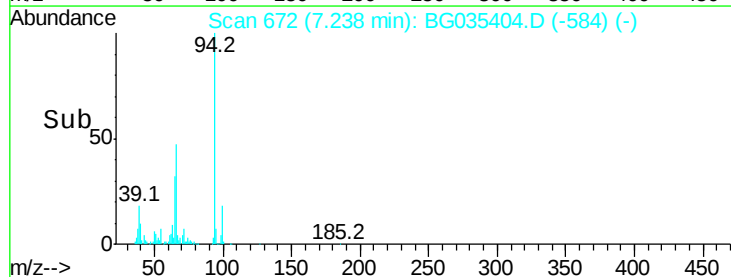
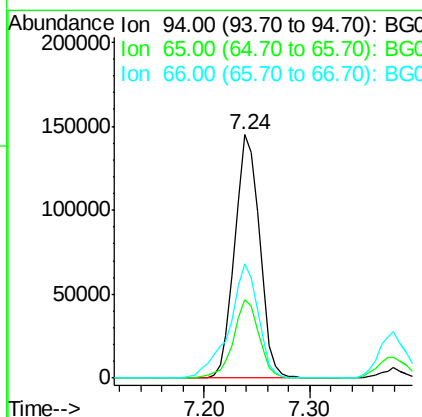
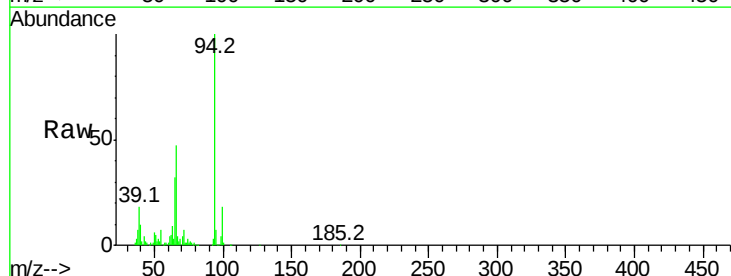
RT: 7.24 min Scan# 672

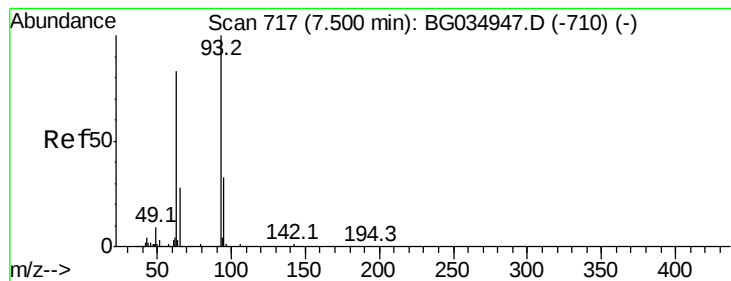
Delta R.T. -0.02 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Tgt Ion:	94	Resp:	234891
Ion Ratio	Lower	Upper	
94	100		
65	32.4	11.9	51.9
66	46.9	22.2	62.2





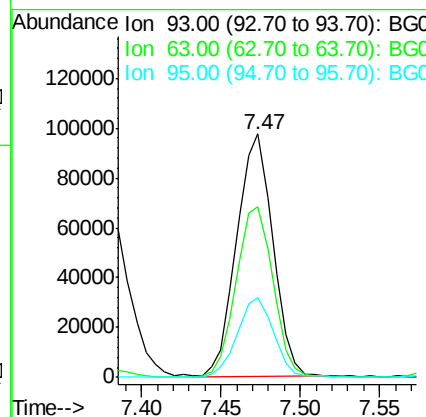
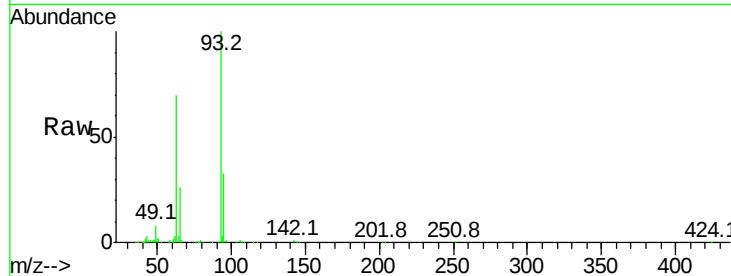
#11
bis(2-Chloroethyl)ether
Concen: 41.943 ng
RT: 7.47 min Scan# 712
Delta R.T. -0.02 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Instrument :
BNA_G
ClientSampleId :
PB110513BS

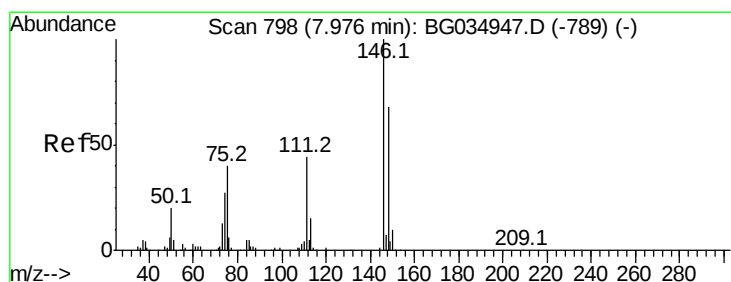
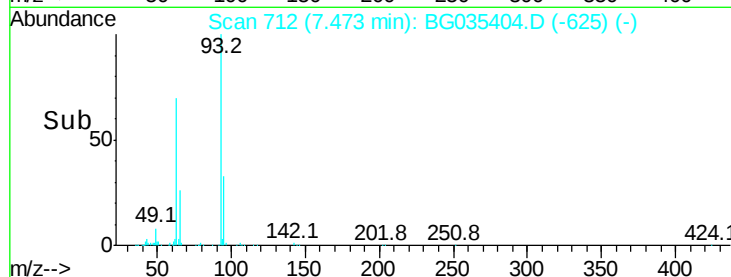
Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		154280		
63	69.8	67.1	107.1		
95	32.7	11.5	51.5		

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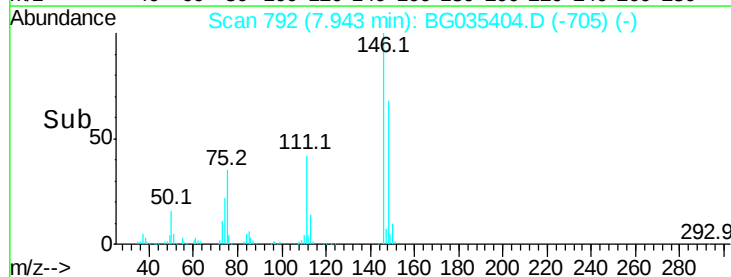
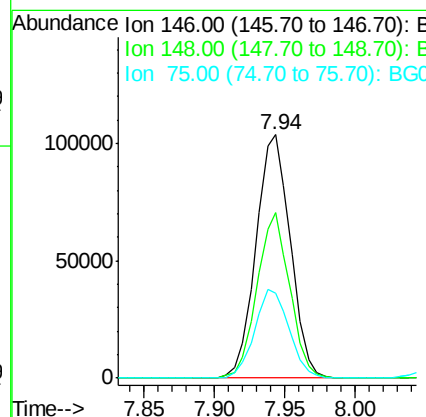
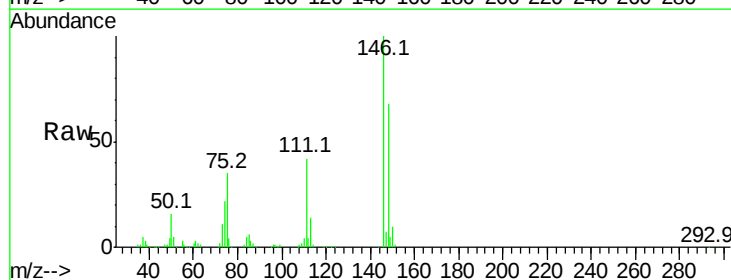


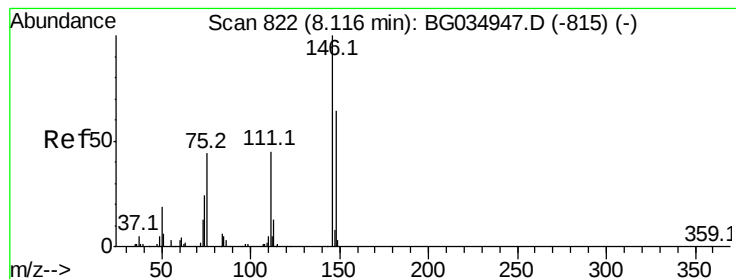
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#12
1,3-Dichlorobenzene
Concen: 45.608 ng
RT: 7.94 min Scan# 792
Delta R.T. -0.02 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		176980		
148	68.2	51.4	77.2		
75	35.0	26.6	39.8		





#13

1,4-Dichlorobenzene

Concen: 44.303 ng

RT: 8.09 min Scan# 817

Delta R.T. -0.02 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Instrument :

BNA_G

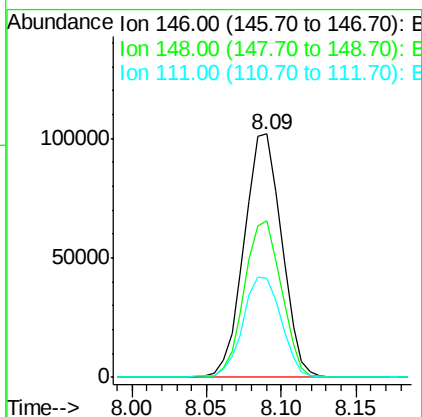
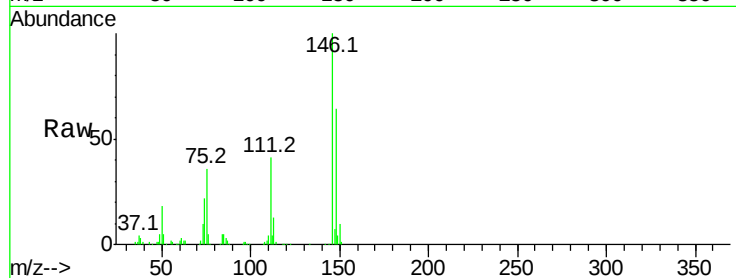
ClientSampled :

PB110513BS

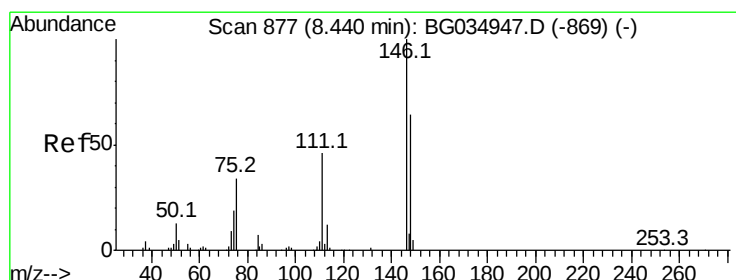
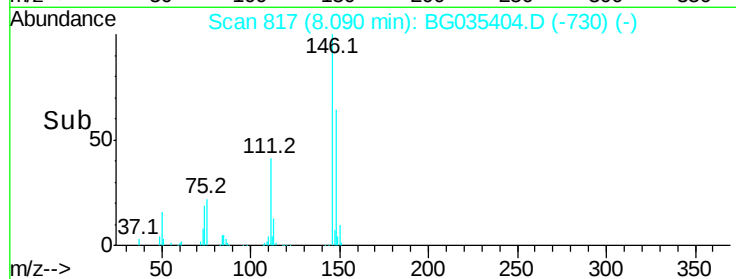
Tot Ion:	146	Resp:	177466
Ion Ratio	Lower	Upper	
146	100		
148	64.4	53.7	80.5
111	40.7	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 45.087 ng

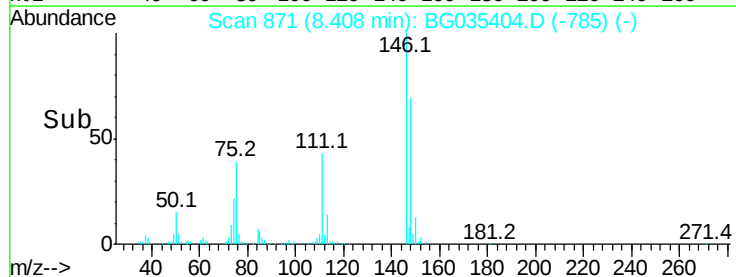
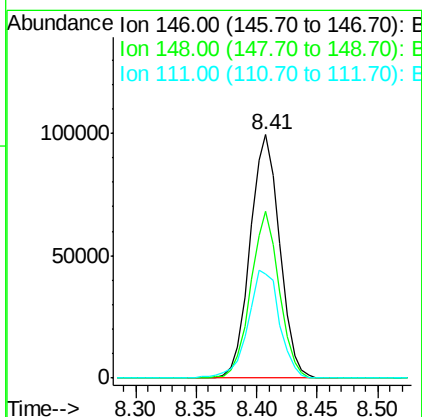
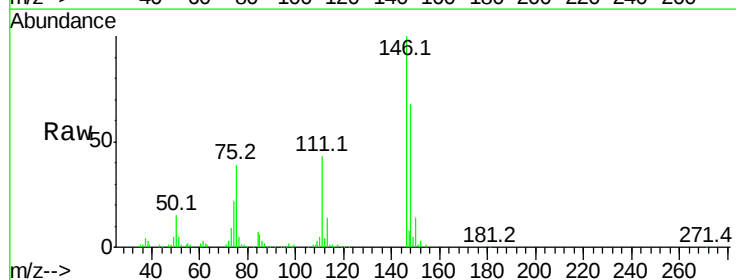
RT: 8.41 min Scan# 871

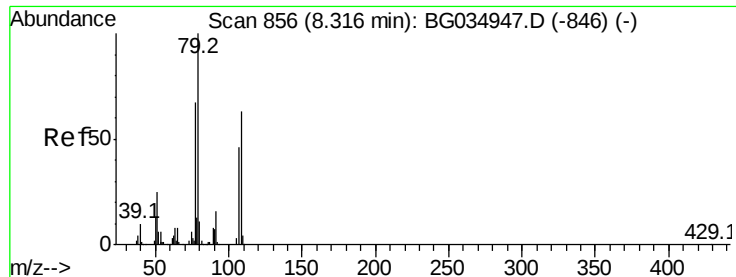
Delta R.T. -0.03 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Tgt Ion:	146	Resp:	169645
Ion Ratio	Lower	Upper	
146	100		
148	68.4	49.3	73.9
111	42.9	34.3	51.5





#15

Benzyl Alcohol

Concen: 42.203 ng

RT: 8.29 min Scan# 851

Delta R.T. -0.02 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Instrument :

BNA_G

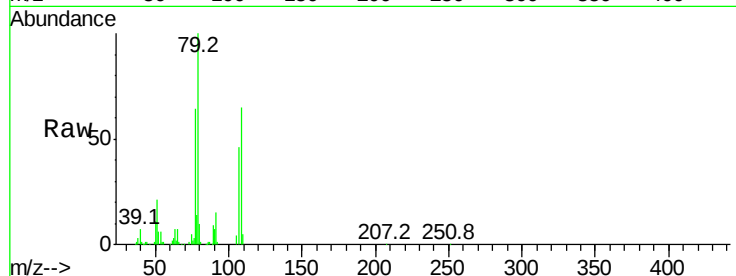
ClientSampleId :

PB110513BS

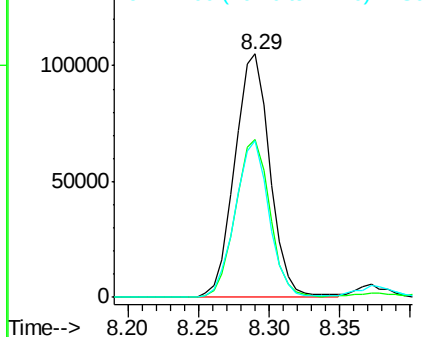
Tot Ion:	79	Resp:	183125
Ion Ratio	Lower	Upper	
79	100		
108	64.8	57.2	85.8
77	64.4	46.1	69.1

Manual Integrations
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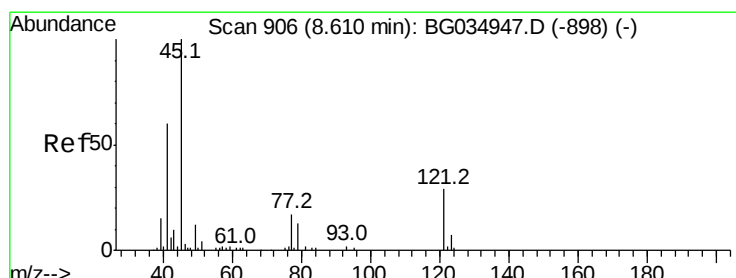
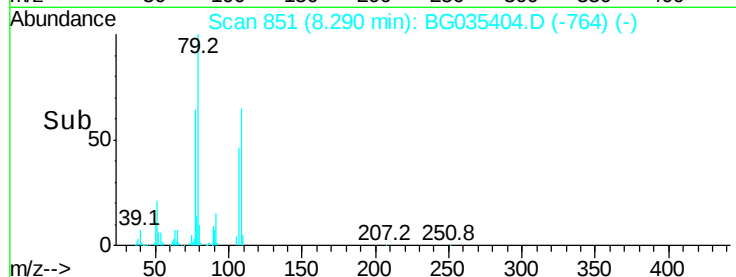
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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.158 ng

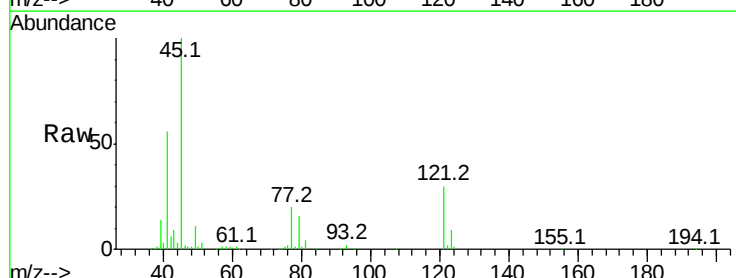
RT: 8.58 min Scan# 900

Delta R.T. -0.03 min

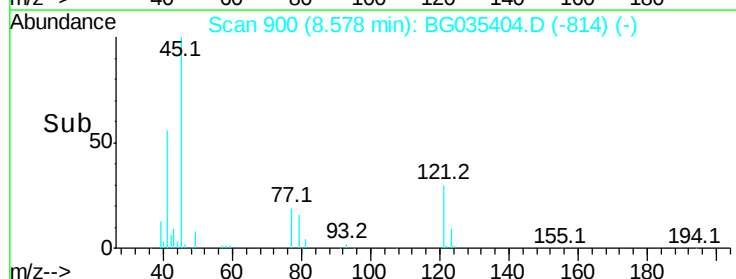
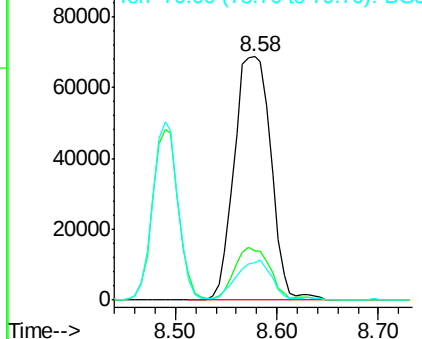
Lab File: BG035404.D

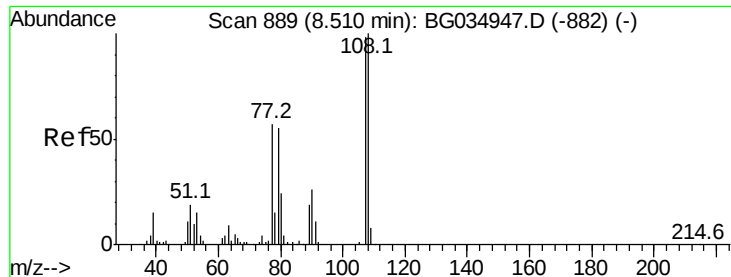
Acq: 26 Jun 2018 9:01

Tgt Ion:	45	Resp:	172649
Ion Ratio	Lower	Upper	
45	100		
77	20.0	0.0	30.2
79	15.5	0.0	27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





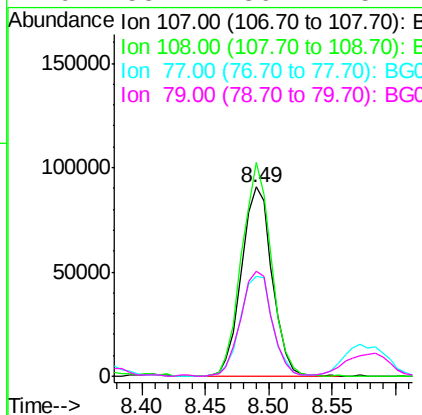
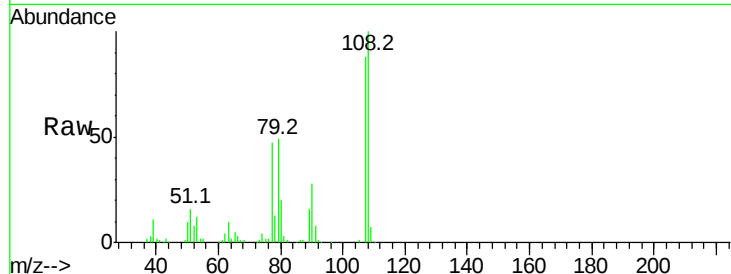
#17
2-Methylphenol
Concen: 48.870 ng
RT: 8.49 min Scan# 885
Delta R.T. -0.02 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Instrument :
BNA_G
ClientSampleId :
PB110513BS

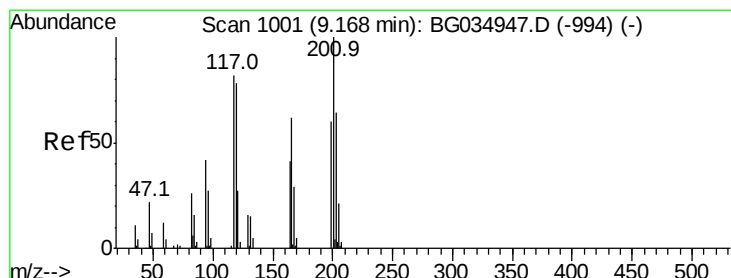
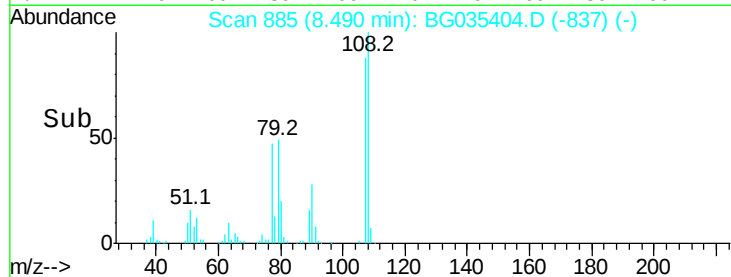
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	83.9	125.9	
77	53.1	37.2	55.8	
79	55.7	36.2	54.2	

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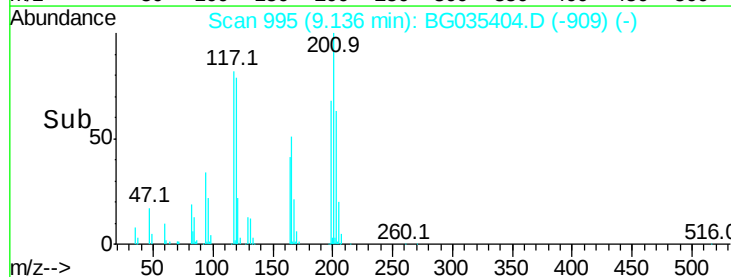
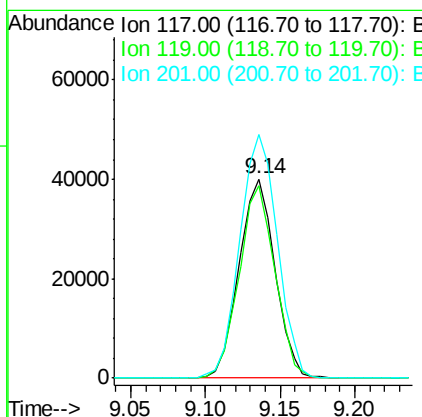
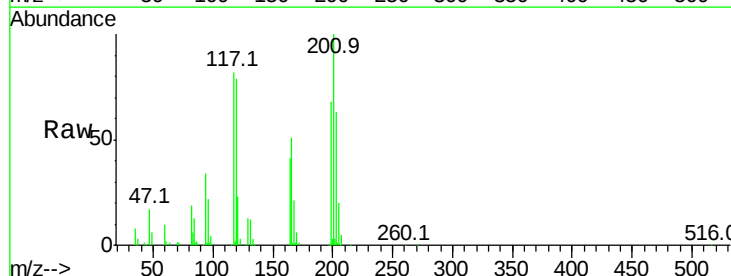


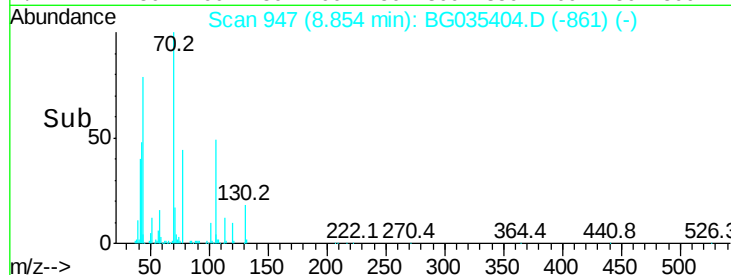
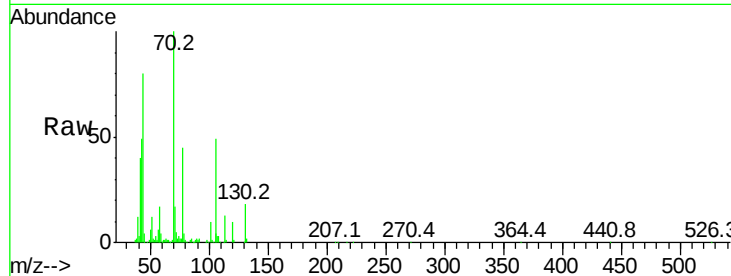
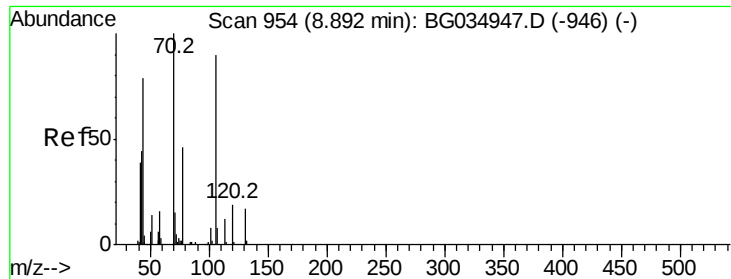
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#18
Hexachloroethane
Concen: 46.872 ng
RT: 9.14 min Scan# 995
Delta R.T. -0.03 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	76.7	115.1	
201	122.3	95.7	143.5	





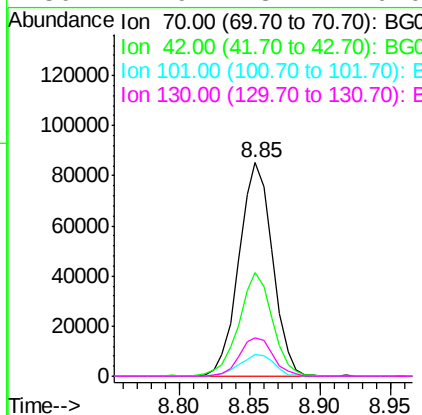
#19
n-Nitroso-di-n-propylamine
Concen: 36.498 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.03 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.5	49.1	73.7#
101	10.3	8.5	12.7
130	17.9	13.4	20.0

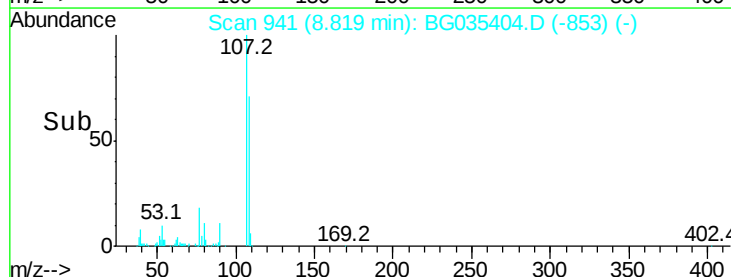
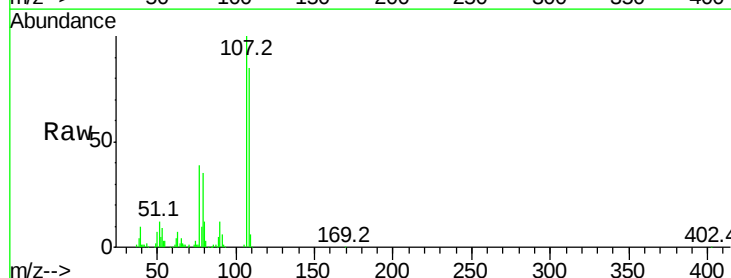
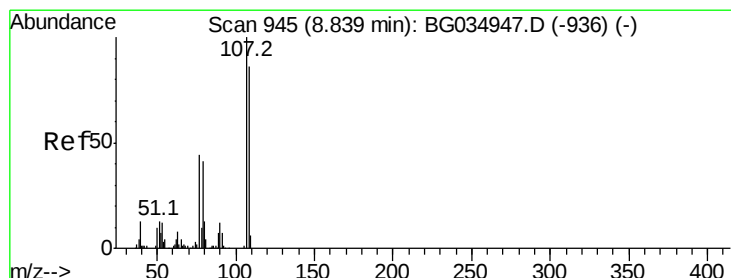
Instrument :
BNA_G
ClientSampleId :
PB110513BS

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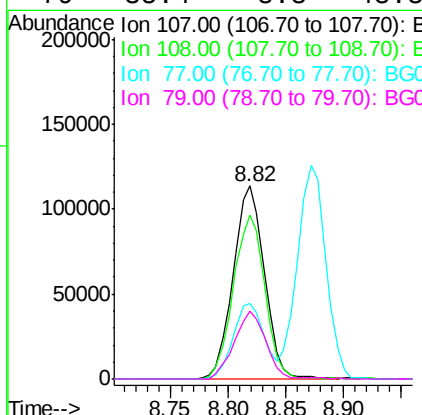


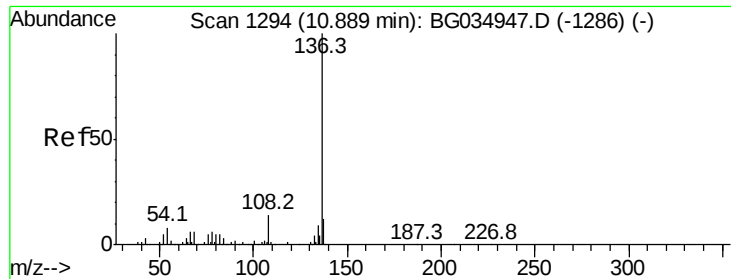
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#20
3+4-Methylphenols
Concen: 47.580 ng
RT: 8.82 min Scan# 941
Delta R.T. -0.02 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.1	61.6	101.6
77	39.4	13.9	53.9
79	35.4	8.8	48.8





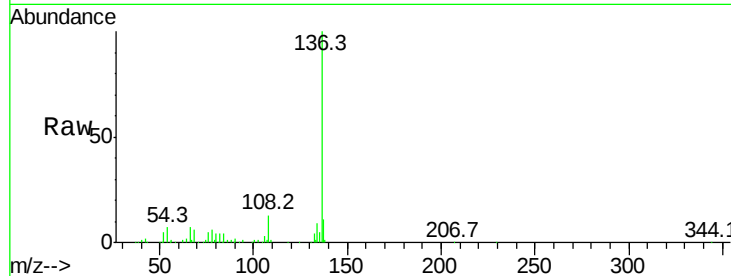
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Instrument :
BNA_G
ClientSampleId :
PB110513BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.2	13.8	
54	7.1	10.3	15.5	
68	5.9	4.5	6.7	

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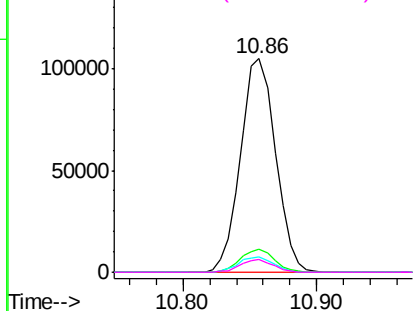
Abundance

Ion 136.00 (135.70 to 136.70): E

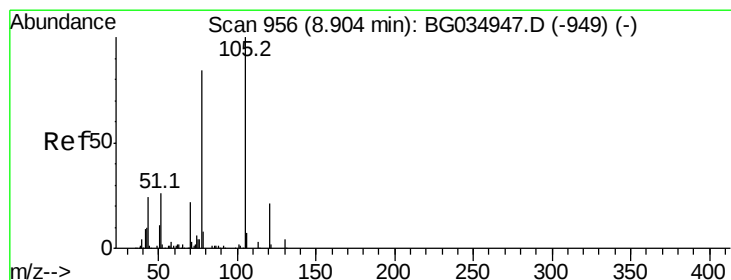
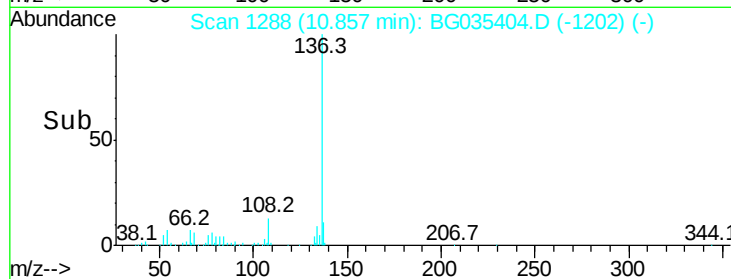
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



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#22
Acetophenone
Concen: 45.495 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.03 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.7	3.0	4.4	
51	24.0	26.1	39.1	
120	21.7	17.4	26.2	

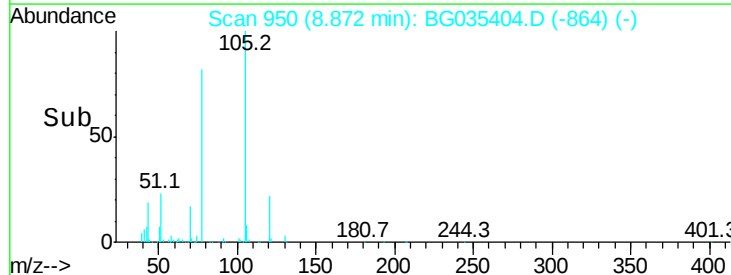
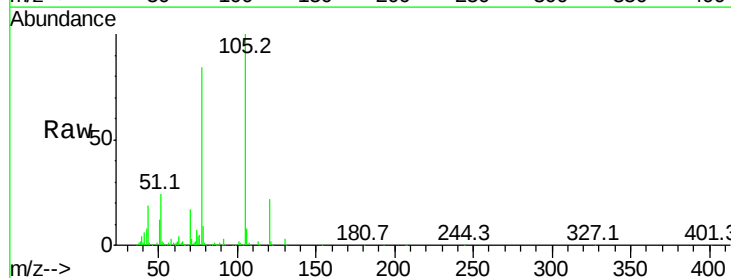
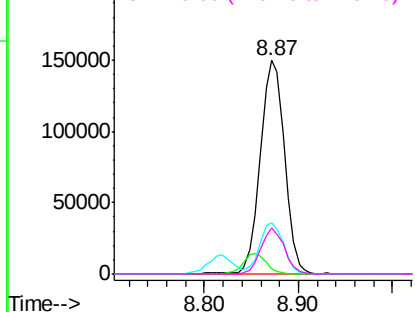
Abundance

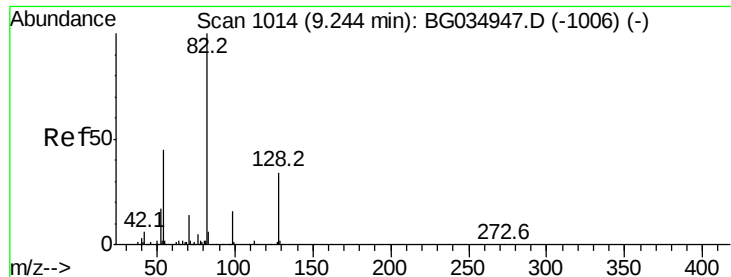
Ion 105.00 (104.70 to 105.70): E

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





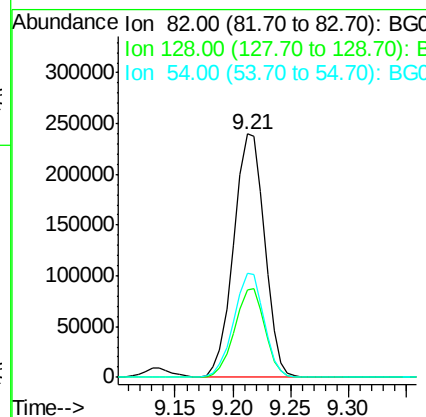
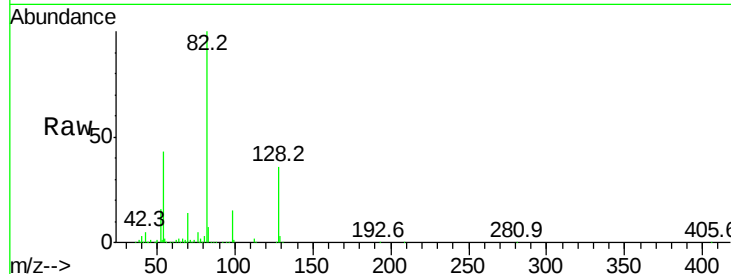
#23
Nitrobenzene-d5
Concen: 111.368 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Instrument :
BNA_G
ClientSampleId :
PB110513BS

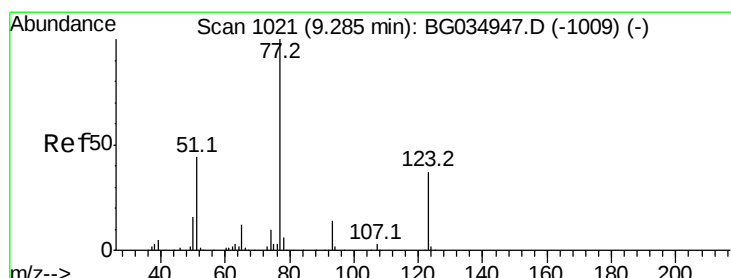
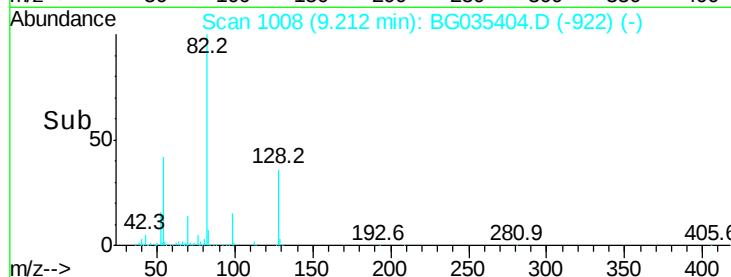
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.7	44.5
54	42.6	43.1	64.7

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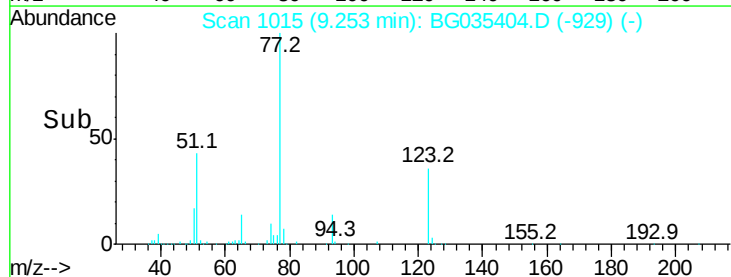
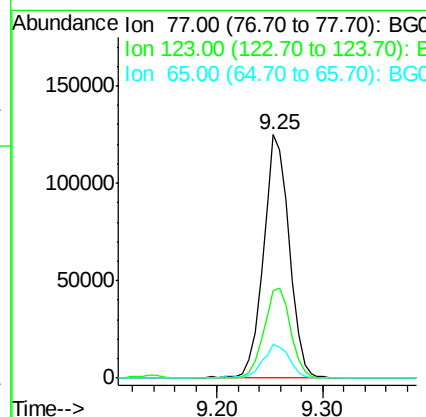
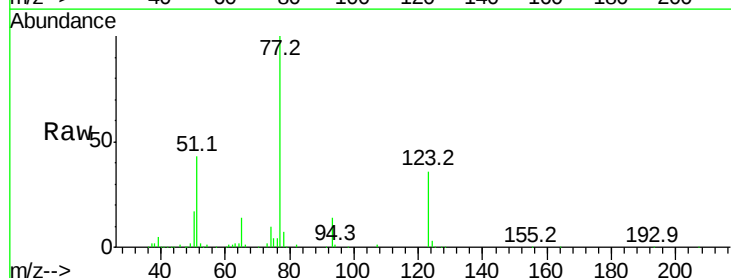


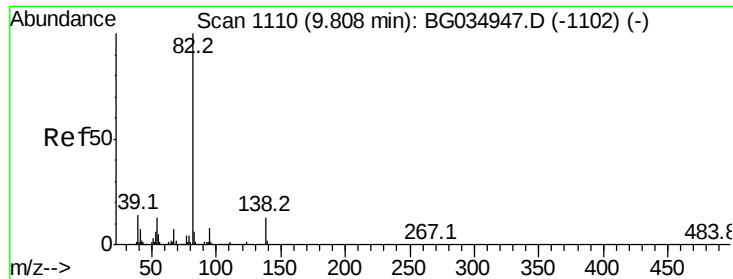
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#24
Nitrobenzene
Concen: 51.609 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.03 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.9	33.0	49.6
65	13.9	13.0	19.6





#25

Isophorone

Concen: 48.020 ng

RT: 9.78 min Scan# 1104

Delta R.T. -0.03 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Instrument :

BNA_G

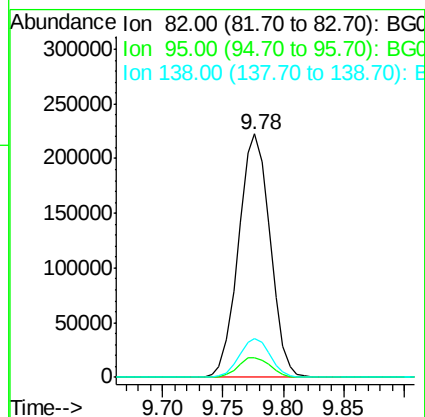
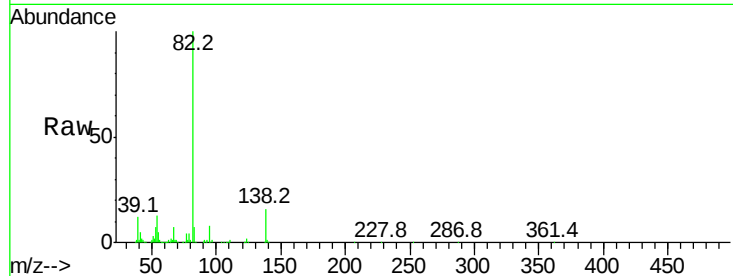
ClientSampleId :

PB110513BS

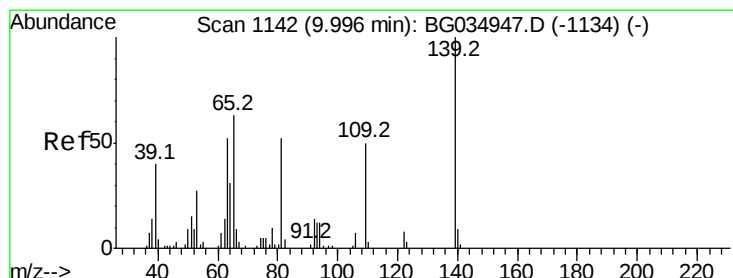
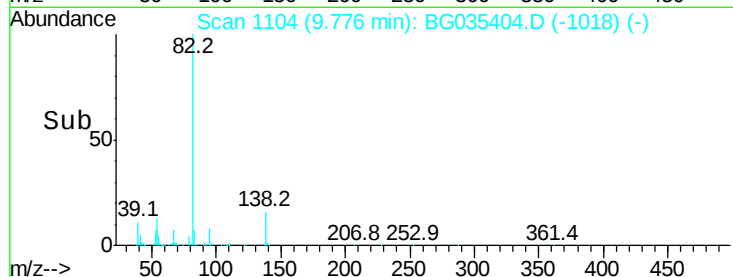
Tot Ion:	82	Resp:	406423
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.2	9.2
138	15.9	12.1	18.1

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#26

2-Nitrophenol

Concen: 63.460 ng

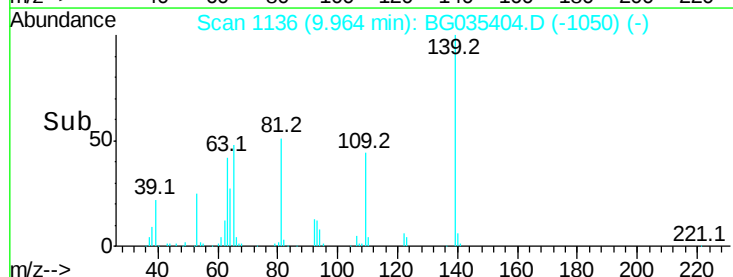
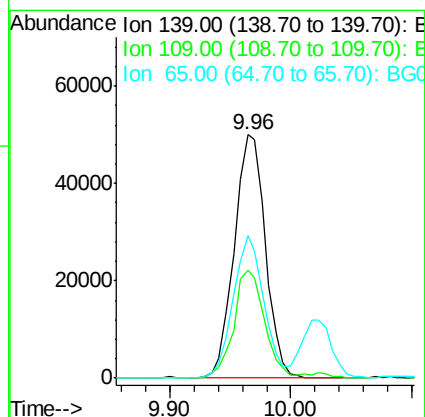
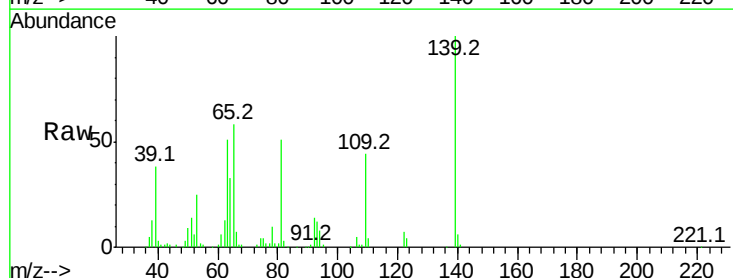
RT: 9.96 min Scan# 1136

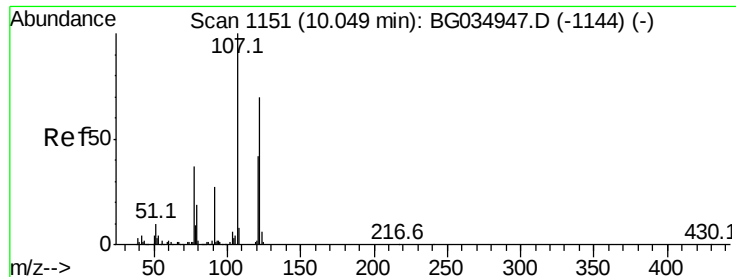
Delta R.T. -0.03 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Tgt Ion:	139	Resp:	89793
Ion Ratio	Lower	Upper	
139	100		
109	44.3	24.2	36.2#
65	58.3	47.4	71.0





#27

2,4-Dimethylphenol

Concen: 54.757 ng

RT: 10.02 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Instrument :

BNA_G

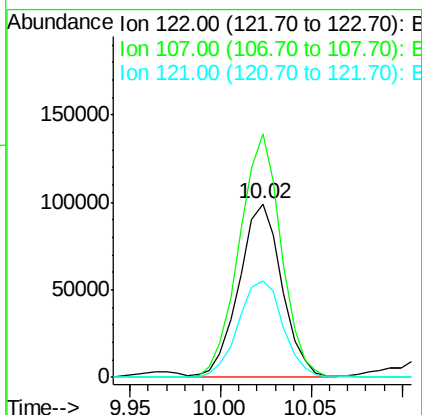
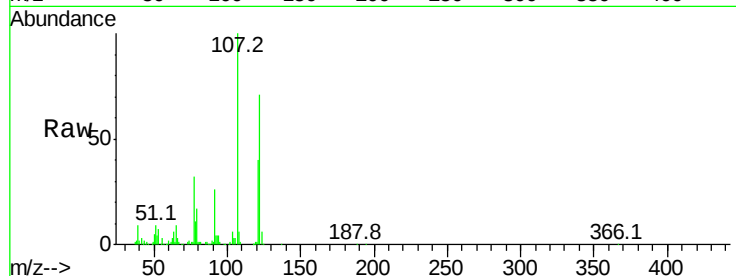
ClientSampleId :

PB110513BS

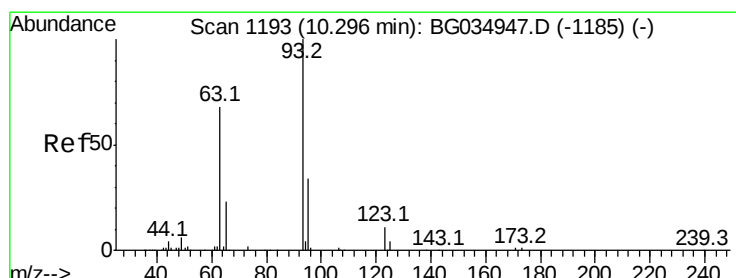
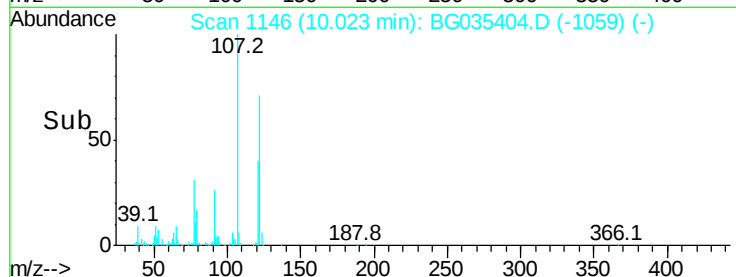
Tot Ion:	122	Resp:	162855
Ion Ratio	Lower	Upper	
122	100		
107	140.5	100.2	150.2
121	55.8	44.4	66.6

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#28

bis(2-Chloroethoxy)methane

Concen: 47.899 ng

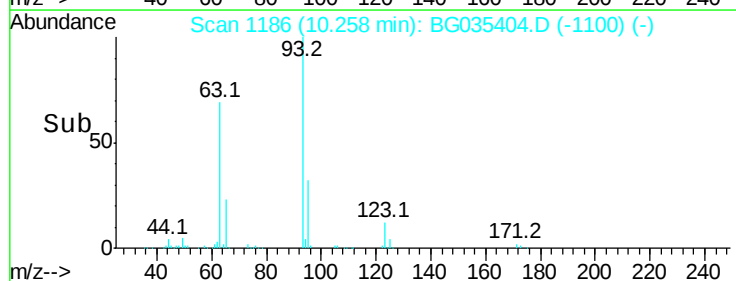
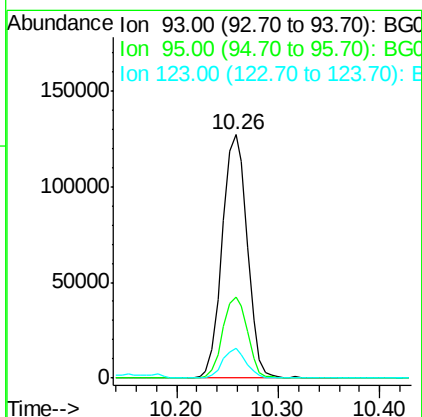
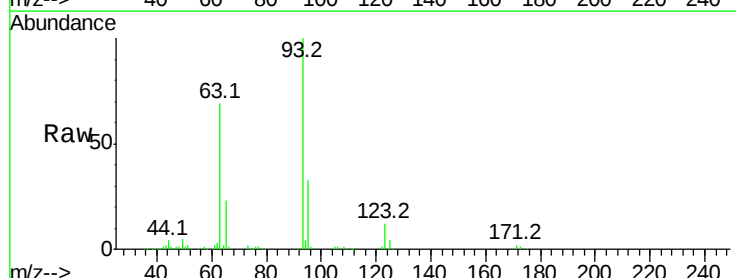
RT: 10.26 min Scan# 1186

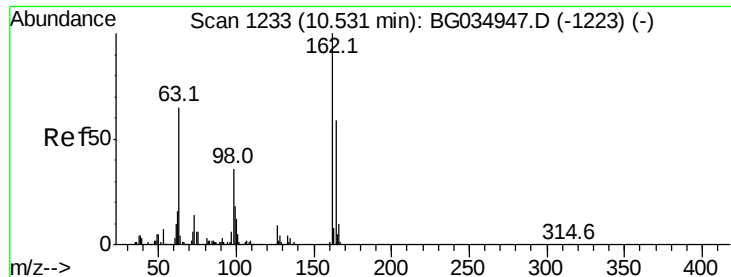
Delta R.T. -0.03 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Tgt Ion:	93	Resp:	217856
Ion Ratio	Lower	Upper	
93	100		
95	33.3	24.3	36.5
123	12.1	8.4	12.6





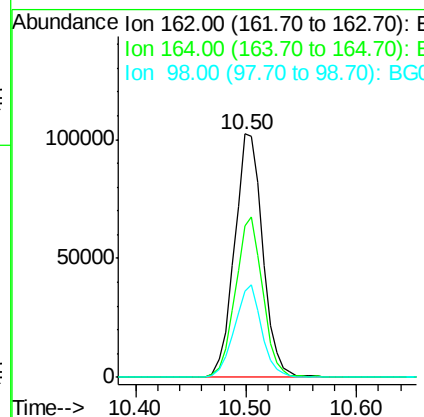
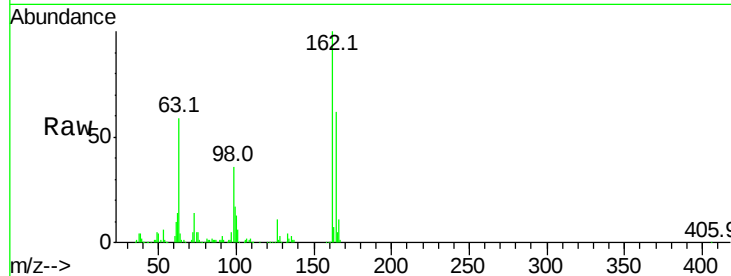
#29
2,4-Dichlorophenol
Concen: 56.915 ng
RT: 10.50 min Scan# 1227
Delta R.T. -0.02 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Instrument :
BNA_G
ClientSampled :
PB110513BS

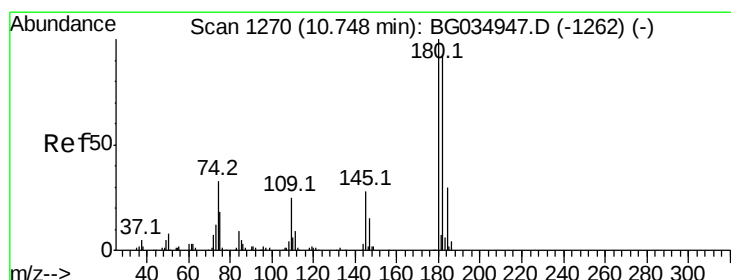
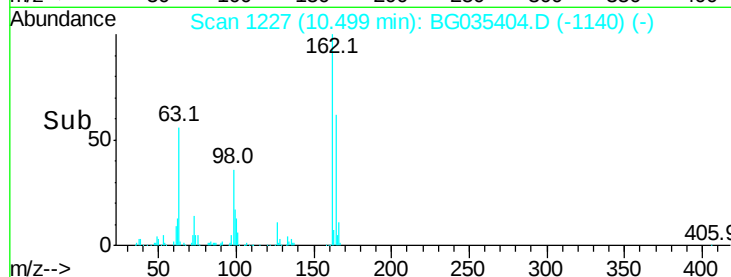
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.0	48.0	88.0
98	35.6	21.1	61.1

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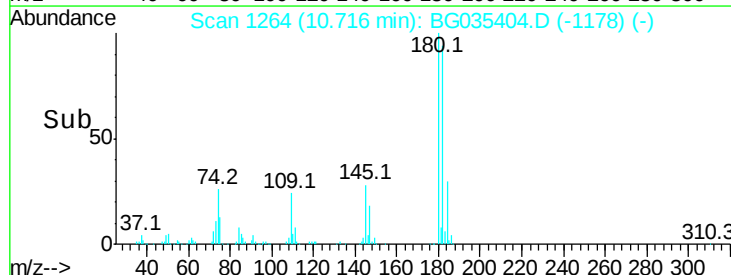
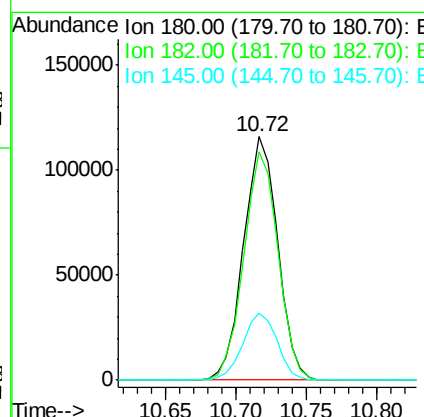
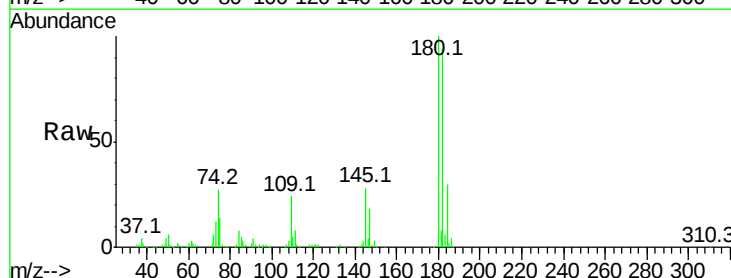


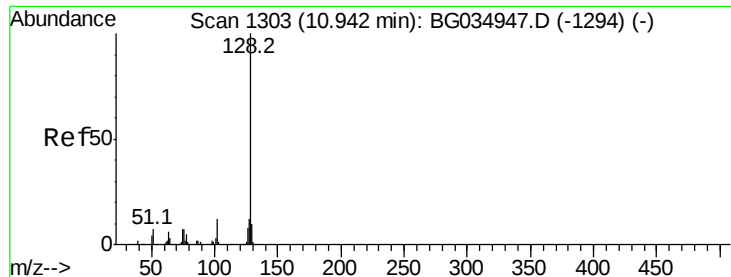
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#30
1,2,4-Trichlorobenzene
Concen: 50.594 ng
RT: 10.72 min Scan# 1264
Delta R.T. -0.03 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.0	77.5	116.3
145	27.7	23.4	35.2





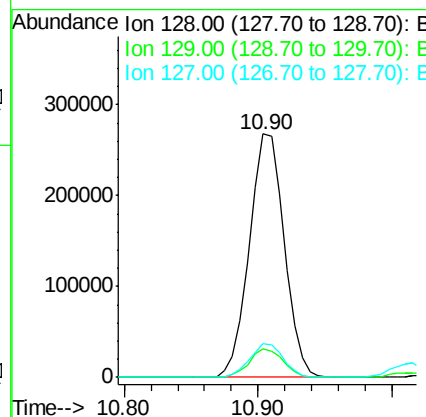
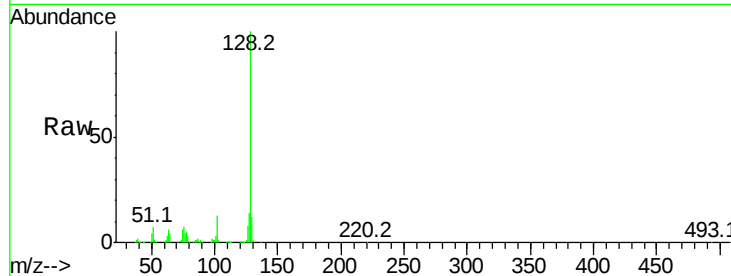
#31
Naphthalene
Concen: 48.721 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Instrument :
BNA_G
ClientSampleId :
PB110513BS

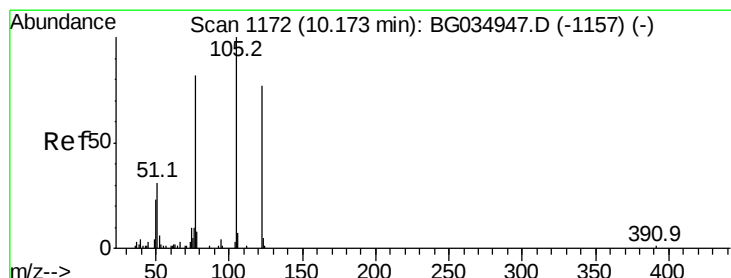
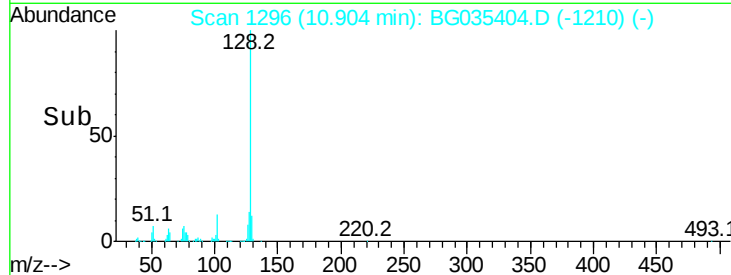
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	13.8	11.6	17.4

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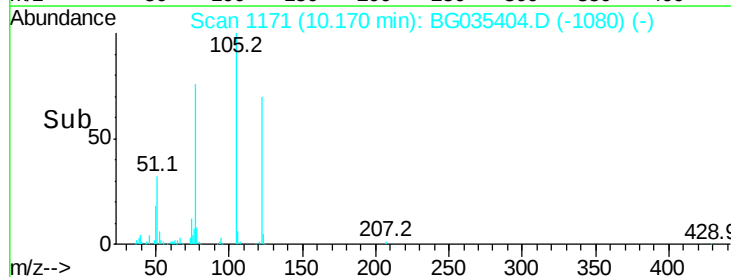
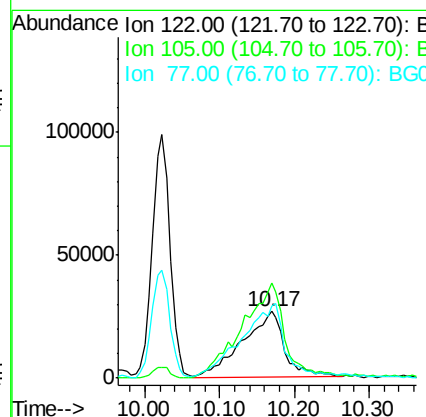
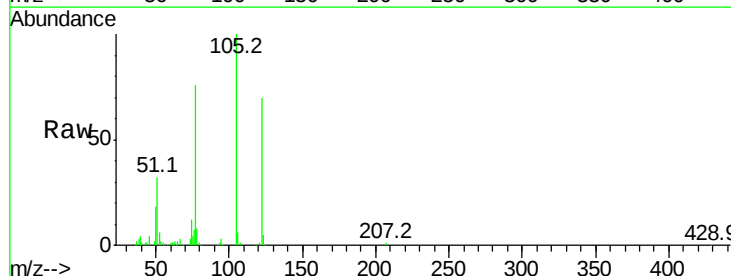


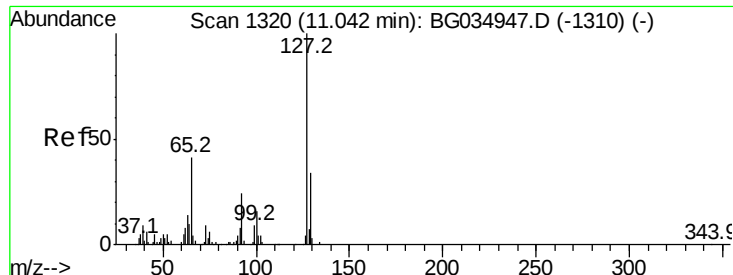
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#32
Benzoic acid
Concen: 52.345 ng
RT: 10.17 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	143.1	123.5	163.5
77	108.5	85.7	125.7





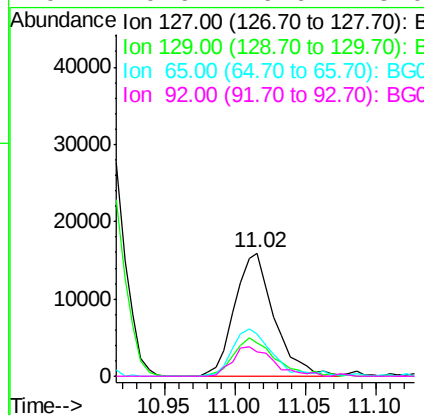
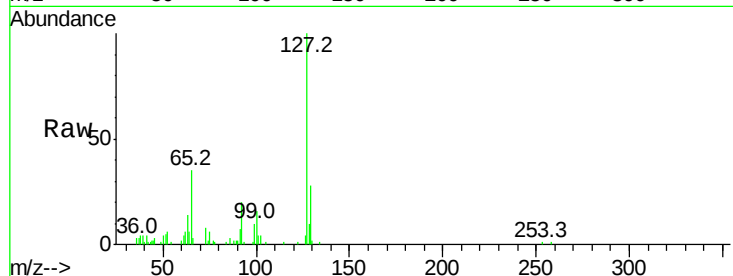
#33
4-Chloroaniline
Concen: 7.234 ng
RT: 11.02 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Instrument :
BNA_G
ClientSampleId :
PB110513BS

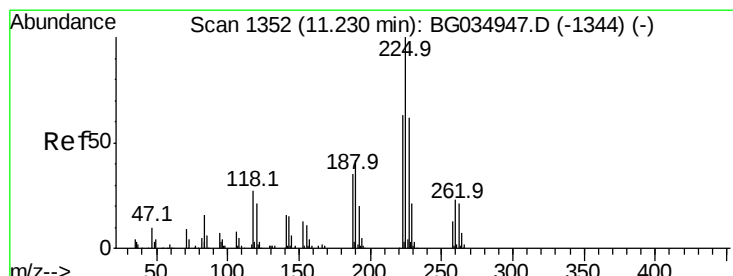
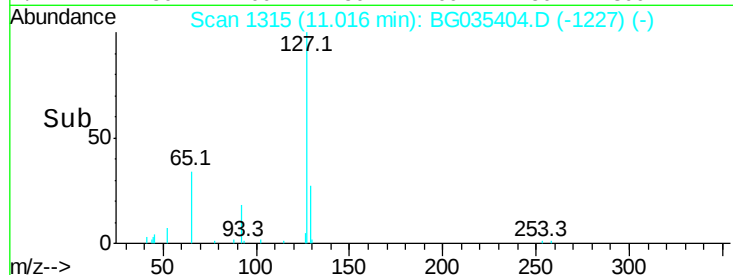
Tot Ion:	127	Resp:	31094
Ion Ratio	Lower	Upper	
127	100		
129	27.5	24.0	36.0
65	34.8	27.0	40.4
92	19.6	16.6	25.0

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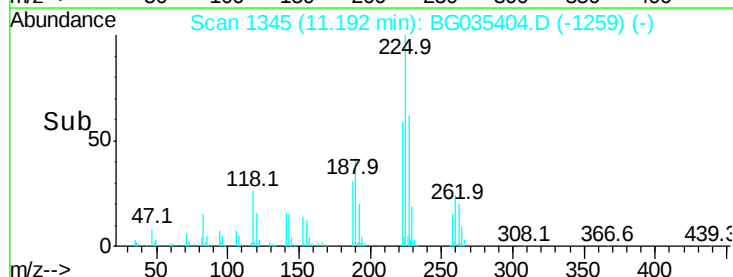
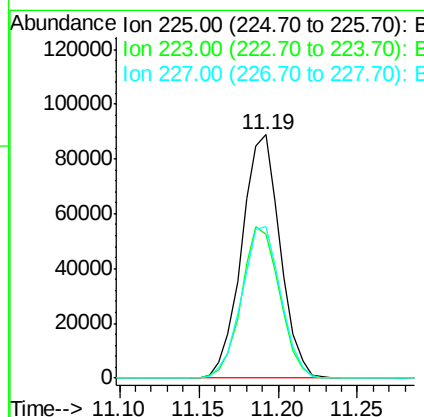
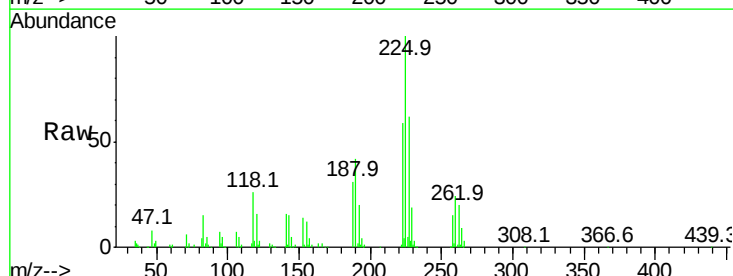


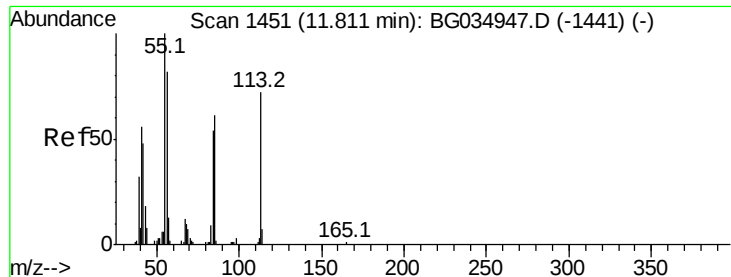
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#34
Hexachlorobutadiene
Concen: 49.328 ng
RT: 11.19 min Scan# 1345
Delta R.T. -0.03 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Tgt Ion:	225	Resp:	148865
Ion Ratio	Lower	Upper	
225	100		
223	59.1	49.7	74.5
227	62.2	48.1	72.1





#35

Caprolactam

Concen: 50.403 ng/ml

RT: 11.80 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Instrument :

BNA_G

ClientSampleId :

PB110513BS

Tot Ion:113 Resp: 60282

Ion Ratio Lower Upper

113 100

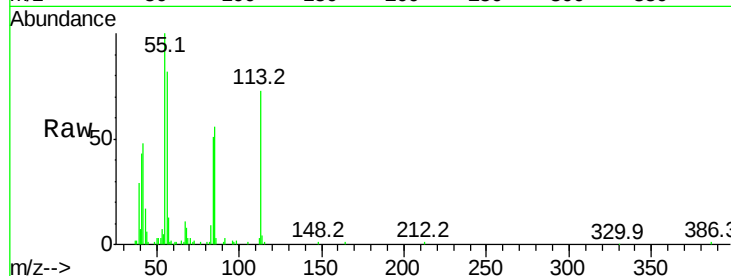
55 136.8 186.9 226.9#

56 112.2 130.9 170.9#

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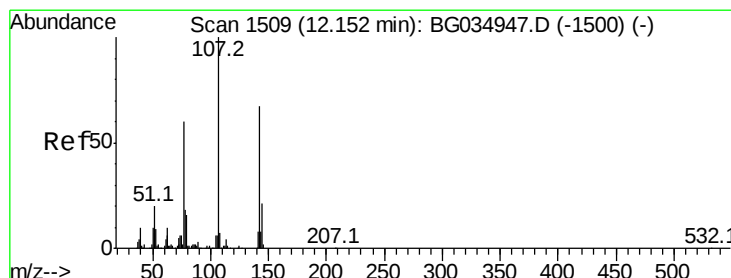
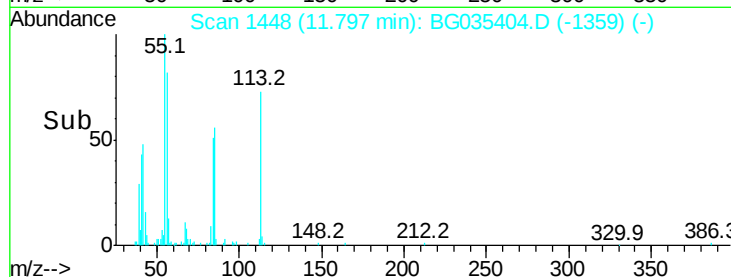
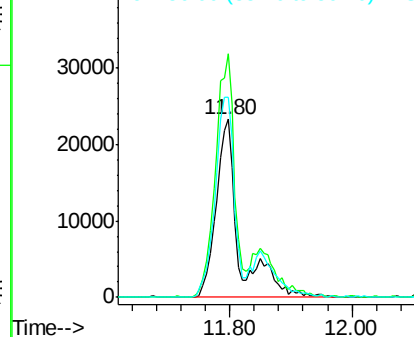


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

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#36

4-Chloro-3-methylphenol

Concen: 53.782 ng/ml

RT: 12.13 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

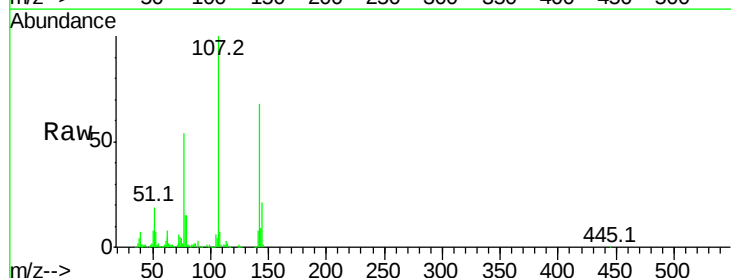
Tgt Ion:107 Resp: 216959

Ion Ratio Lower Upper

107 100

144 20.9 18.2 27.4

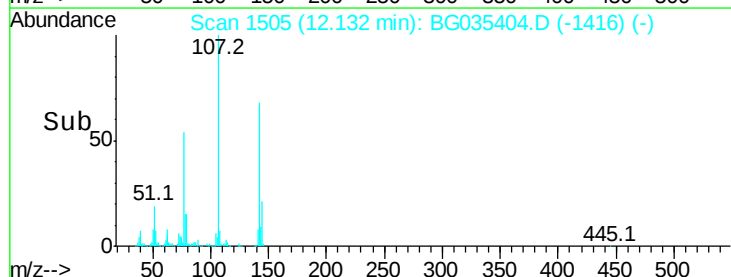
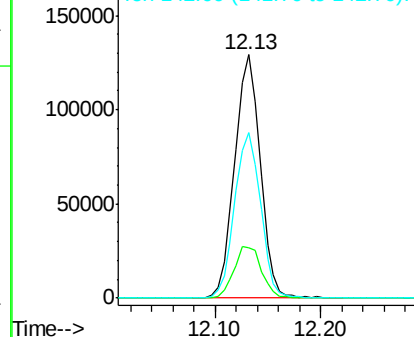
142 67.9 59.0 88.4

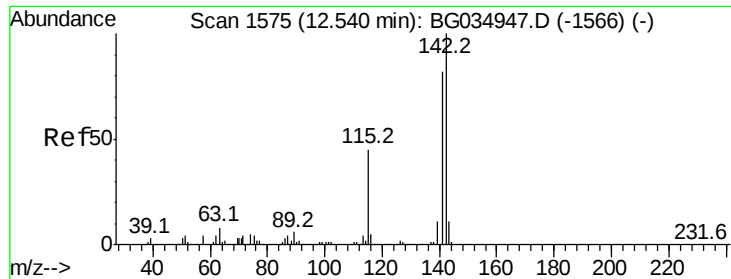


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





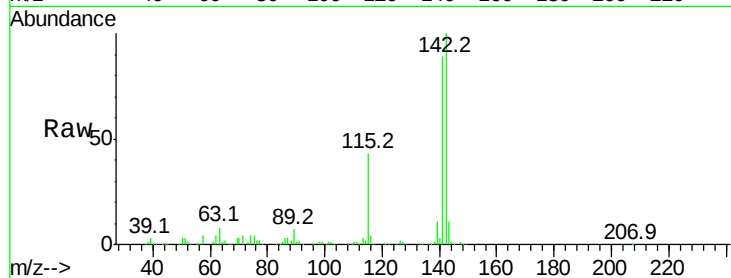
#37
2-Methylnaphthalene
Concen: 50.209 ng
RT: 12.51 min Scan# 1569
Delta R.T. -0.03 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Instrument :
BNA_G
ClientSampleId :
PB110513BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	67.1	100.7
115	43.0	30.7	46.1

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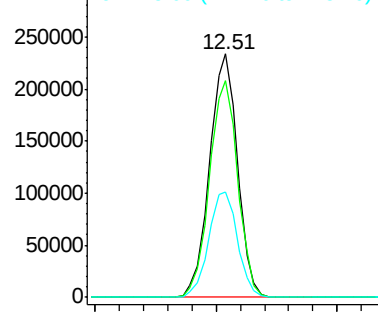


Abundance

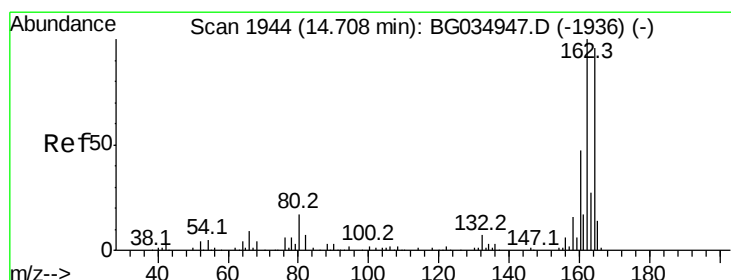
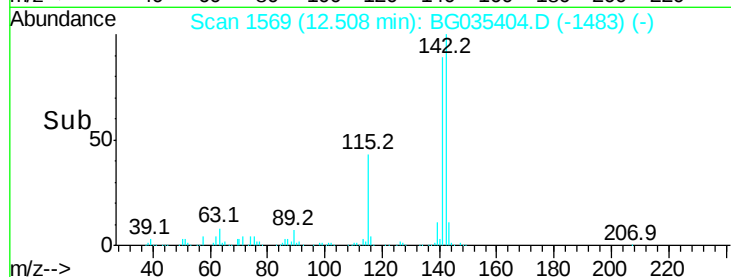
Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

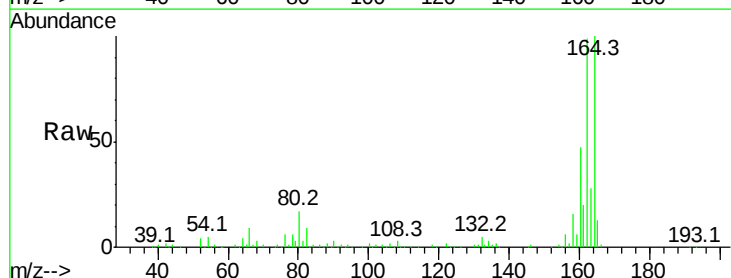


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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.9	78.8	118.2
160	46.9	35.4	53.0

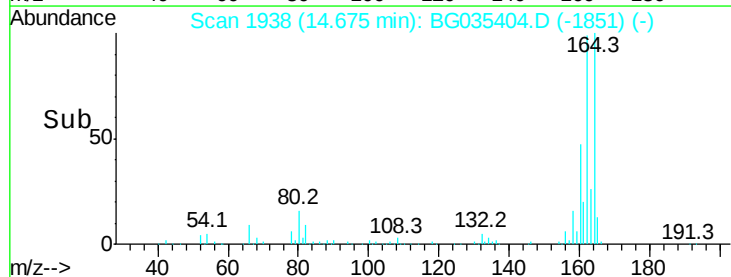
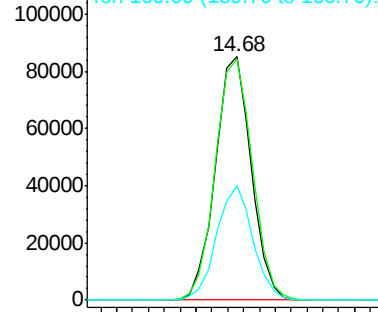


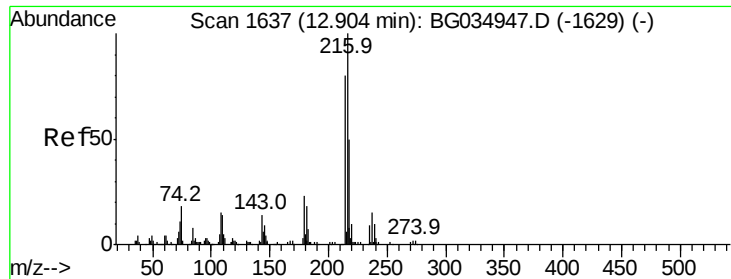
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





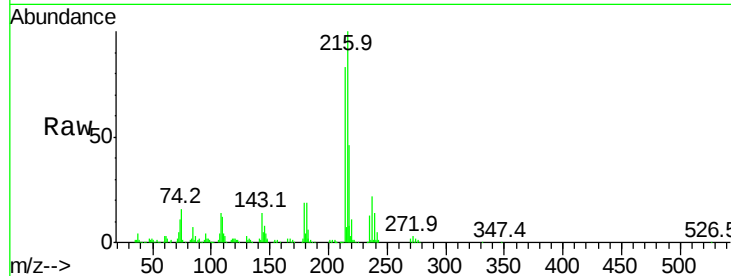
#39
1,2,4,5-Tetrachlorobenzene
Concen: 51.960 ng
RT: 12.87 min Scan# 1631
Delta R.T. -0.02 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Instrument :
BNA_G
ClientSampleId :
PB110513BS

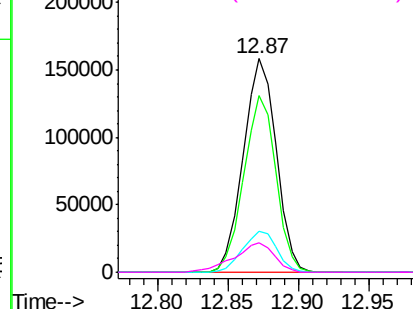
Tot Ion	Ratio	Resp	Lower	Upper
216	100	258942		
214	80.5	63.0	94.4	
179	19.8	17.0	25.6	
108	16.6	12.8	19.2	

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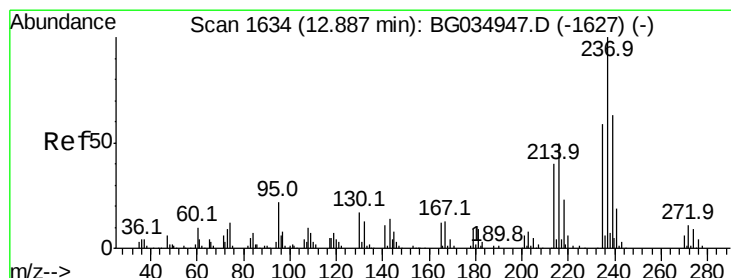
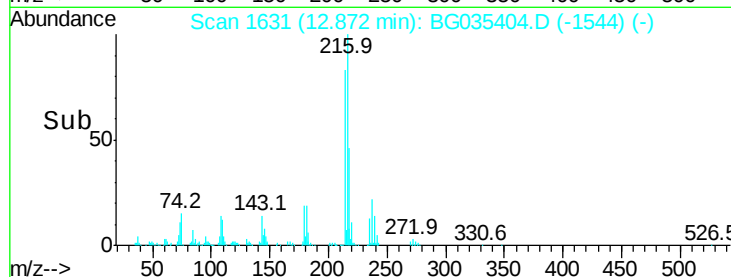
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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

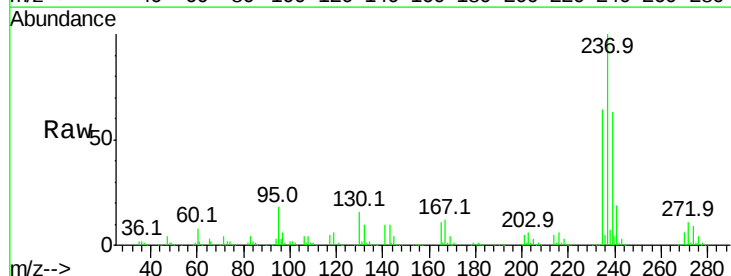


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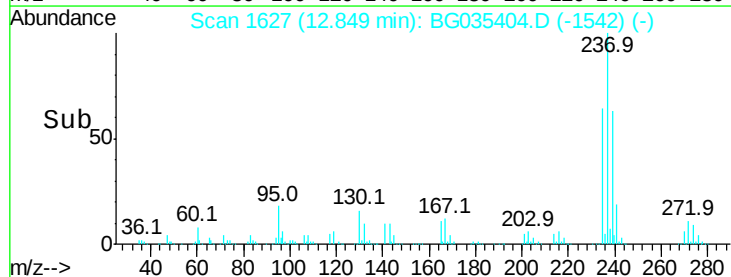
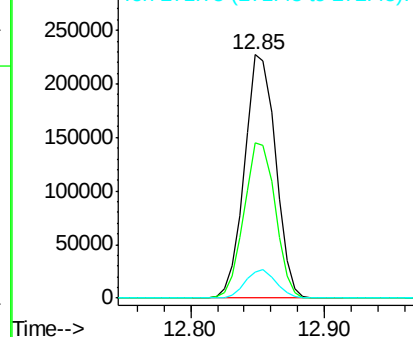


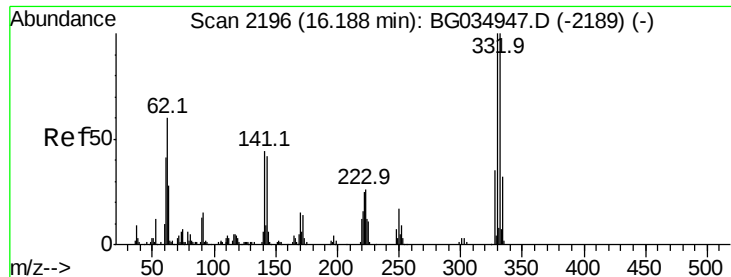
#40
Hexachlorocyclopentadiene
Concen: 116.607 ng
RT: 12.85 min Scan# 1627
Delta R.T. -0.03 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	364415		
235	63.8	50.4	90.4	
272	10.8	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: 121.507 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Instrument :

BNA_G

ClientSampleId :

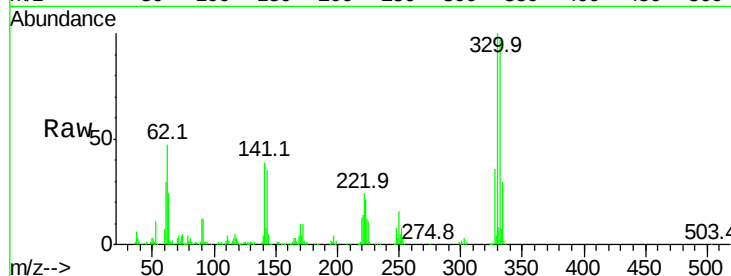
PB110513BS

Tot Ion:	330	Resp:	208109
Ion Ratio	Lower	Upper	
330	100		
332	94.8	77.0	115.6
141	37.3	25.2	37.8

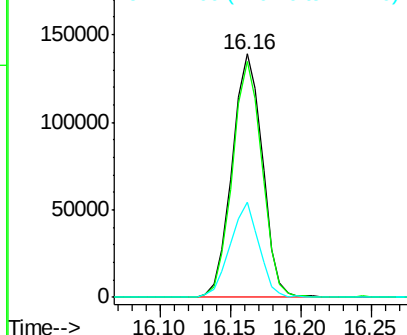
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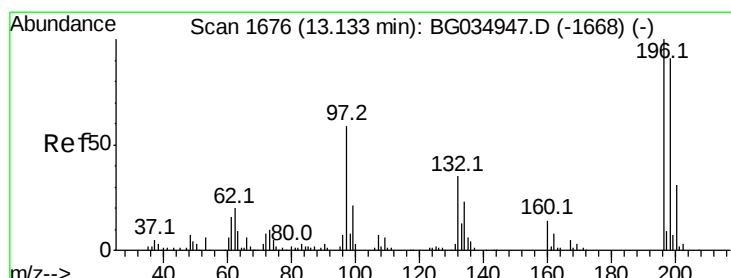
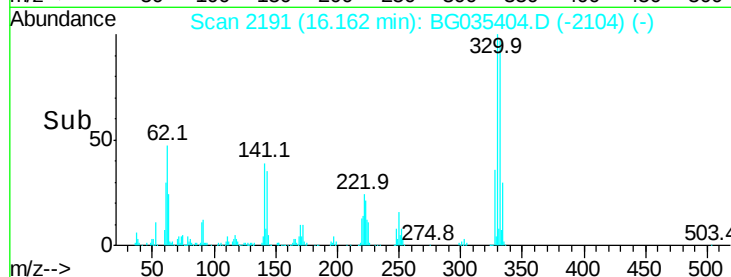
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



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#42

2,4,6-Trichlorophenol

Concen: 57.577 ng

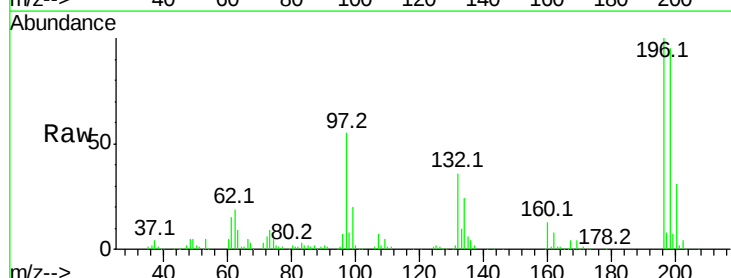
RT: 13.11 min Scan# 1671

Delta R.T. -0.02 min

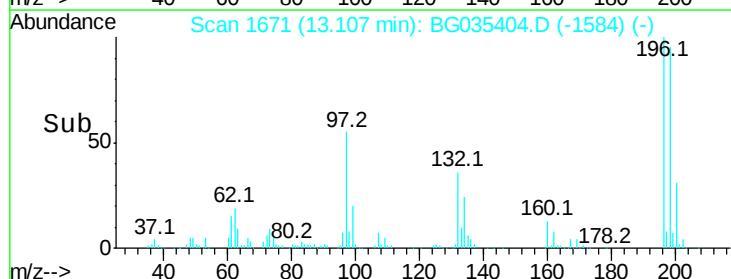
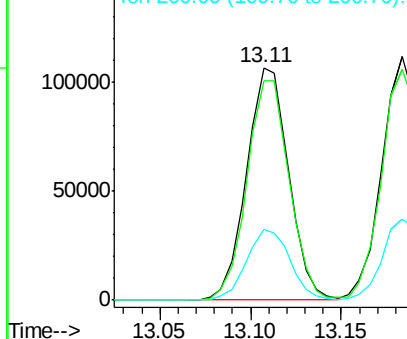
Lab File: BG035404.D

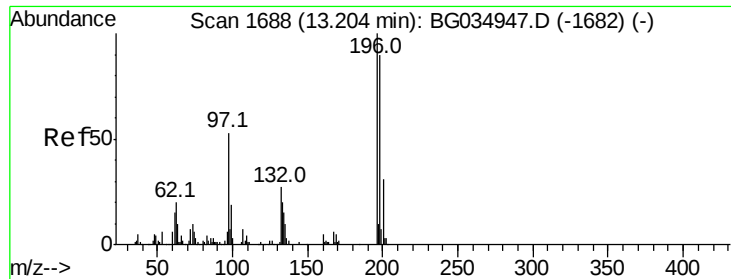
Acq: 26 Jun 2018 9:01

Tgt Ion:	196	Resp:	171814
Ion Ratio	Lower	Upper	
196	100		
198	94.6	78.2	117.2
200	30.5	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





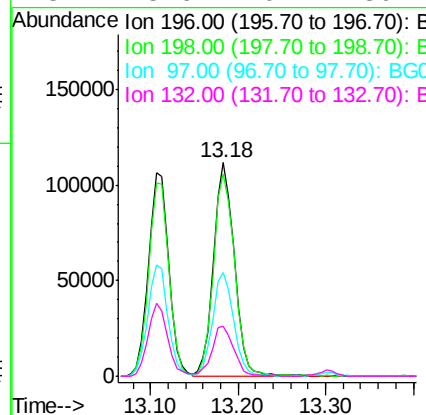
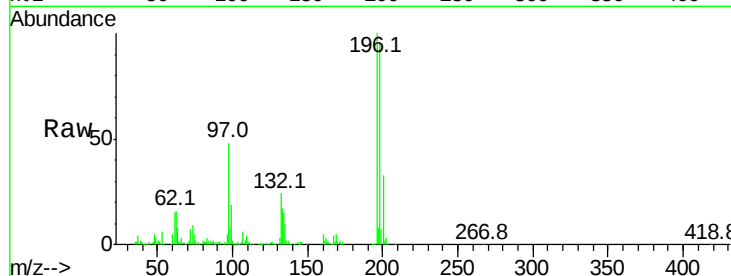
#43
2,4,5-Trichlorophenol
Concen: 56.710 ng
RT: 13.18 min Scan# 1684
Delta R.T. -0.02 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Instrument :
BNA_G
ClientSampleId :
PB110513BS

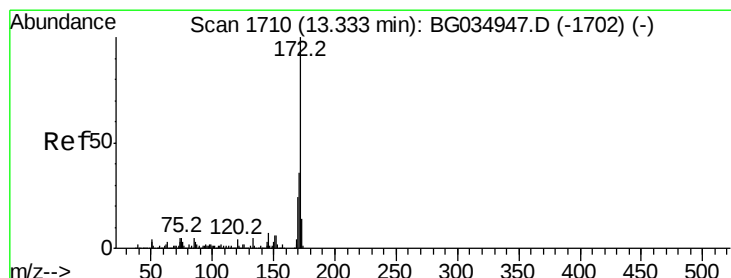
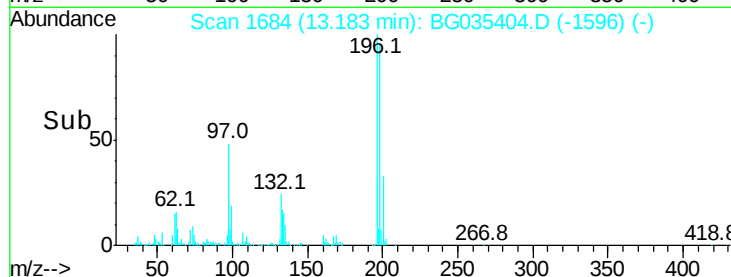
Tot Ion	Ratio	Resp	Lower	Upper
196	100	185739		
198	94.9	76.2	114.4	
97	48.4	38.7	58.1	
132	23.6	20.2	30.2	

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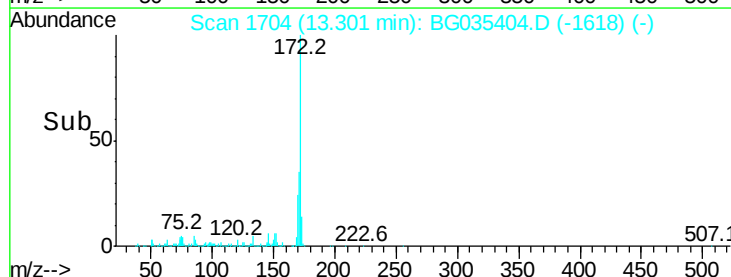
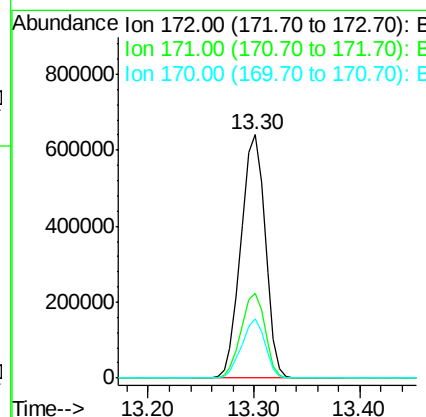
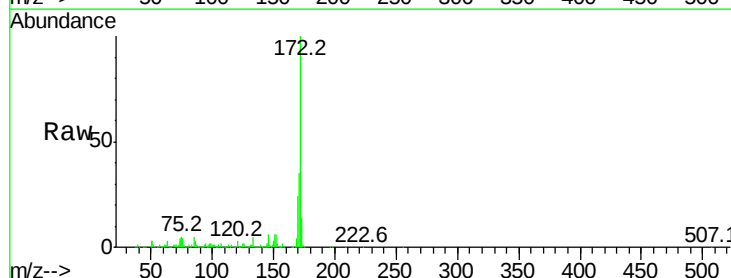


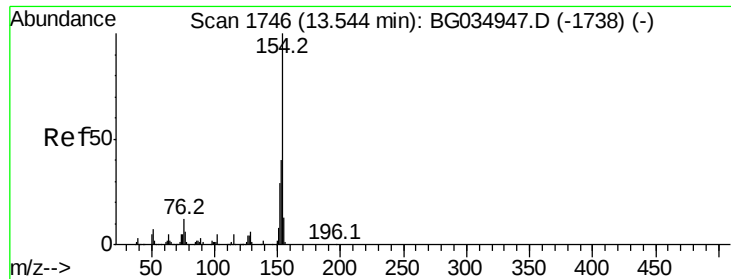
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#44
2-Fluorobiphenyl
Concen: 98.870 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1017555		
171	35.0	30.0	45.0	
170	24.2	19.5	29.3	





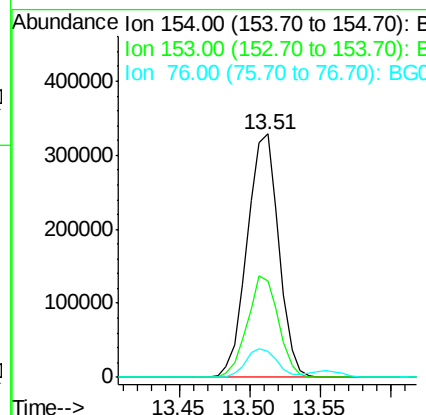
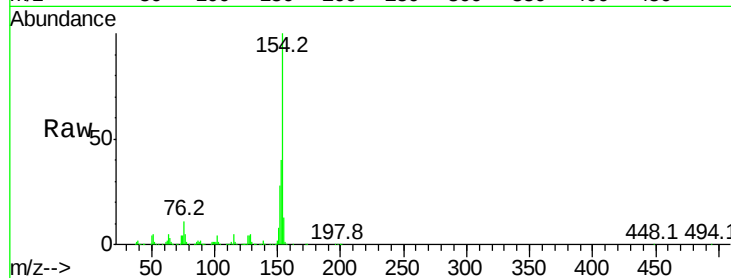
#45
 1,1'-Biphenyl
 Concen: 47.813 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.02 min
 Lab File: BG035404.D
 Acq: 26 Jun 2018 9:01

Instrument :
 BNA_G
 ClientSampleId :
 PB110513BS

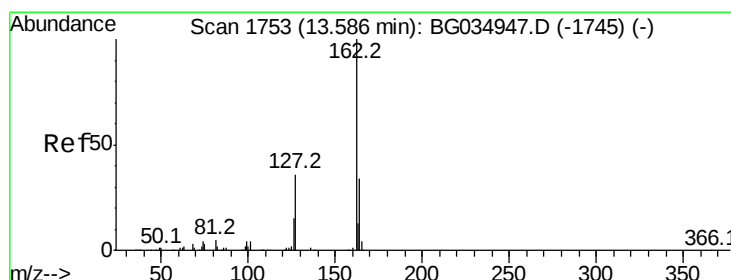
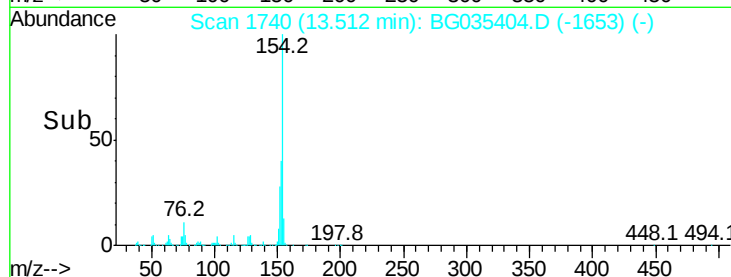
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.7	19.8	59.8
76	10.7	0.0	31.9

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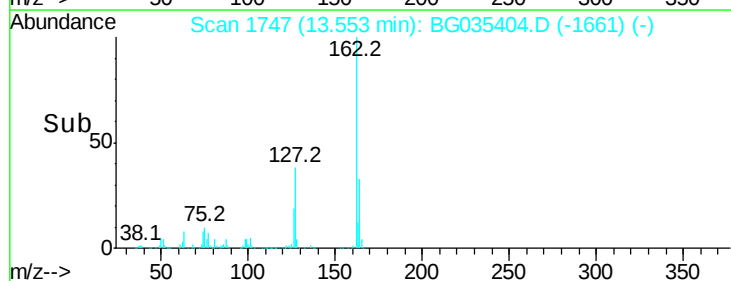
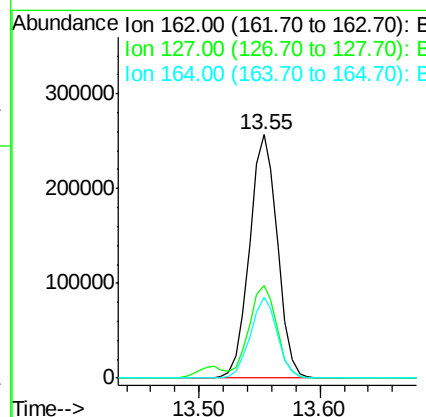
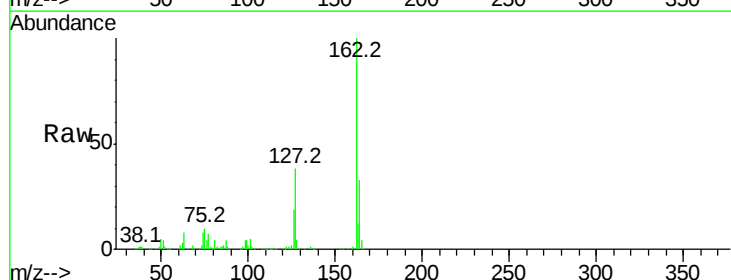


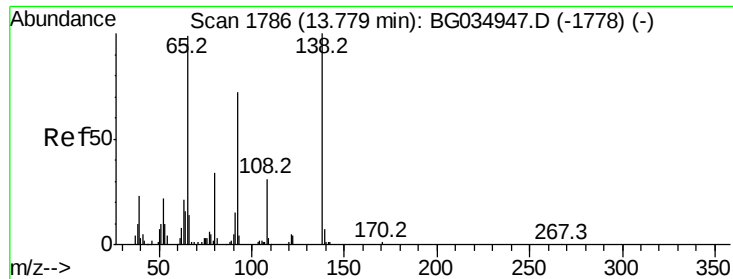
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#46
 2-Chloronaphthalene
 Concen: 50.651 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. -0.03 min
 Lab File: BG035404.D
 Acq: 26 Jun 2018 9:01

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.9	30.7	46.1
164	33.5	26.0	39.0





#47

2-Nitroaniline

Concen: 56.551 ng

RT: 13.75 min Scan# 1781

Delta R.T. -0.02 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Instrument :

BNA_G

ClientSampleId :

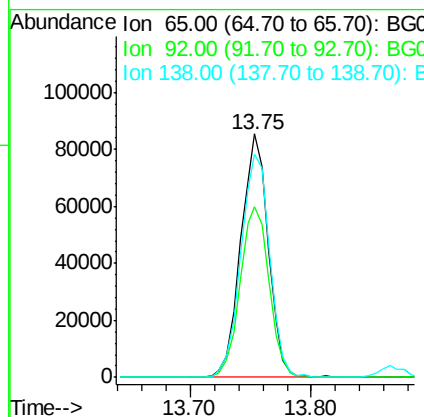
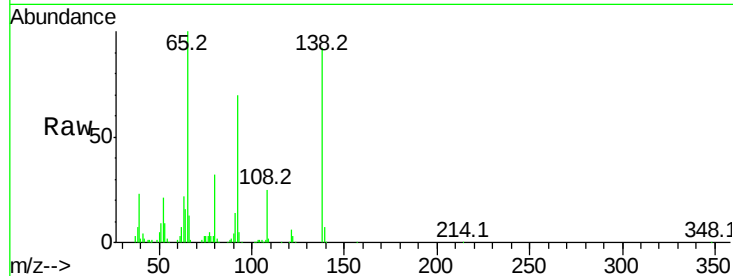
PB110513BS

Tot Ion:	65	Resp:	135831
Ion Ratio	Lower	Upper	
65	100		
92	70.0	54.6	82.0
138	91.6	72.9	109.3

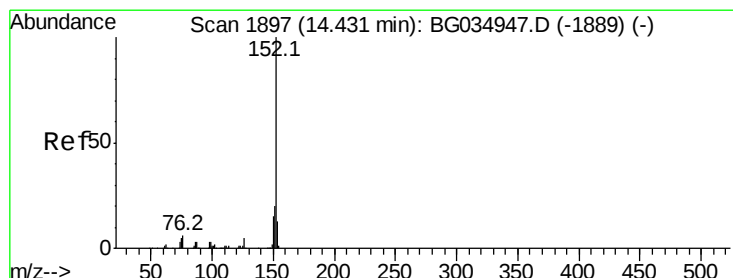
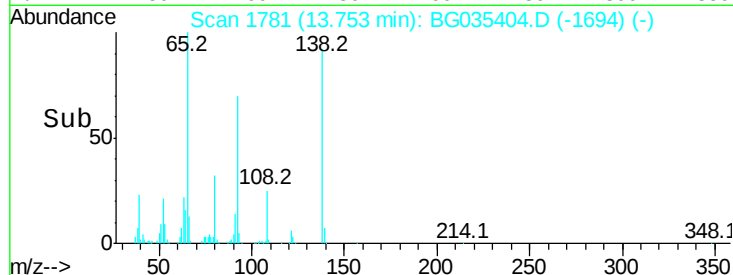
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#48

Acenaphthylene

Concen: 49.798 ng

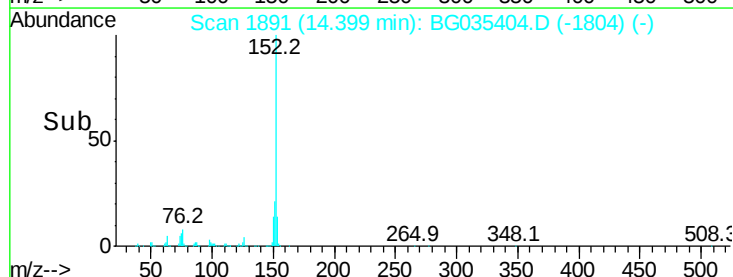
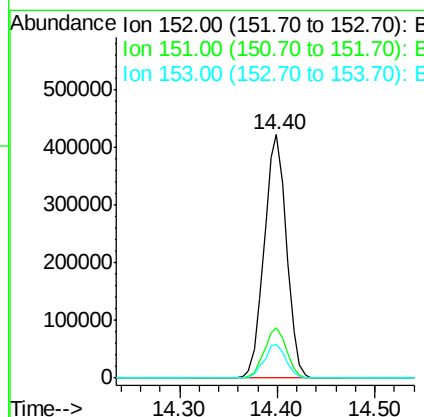
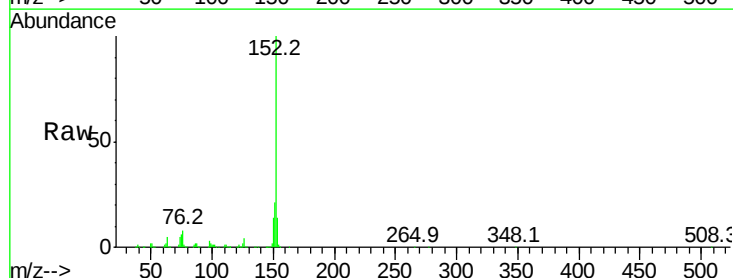
RT: 14.40 min Scan# 1891

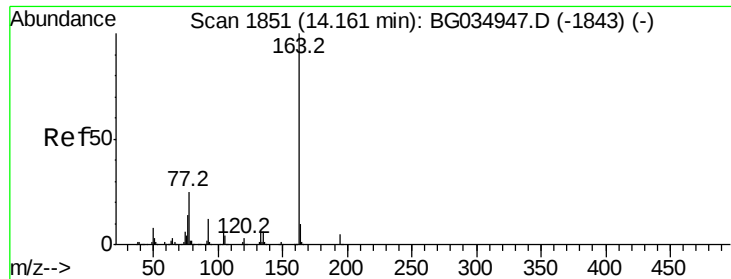
Delta R.T. -0.02 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Tgt Ion:	152	Resp:	679202
Ion Ratio	Lower	Upper	
152	100		
151	20.5	17.2	25.8
153	14.1	10.2	15.4





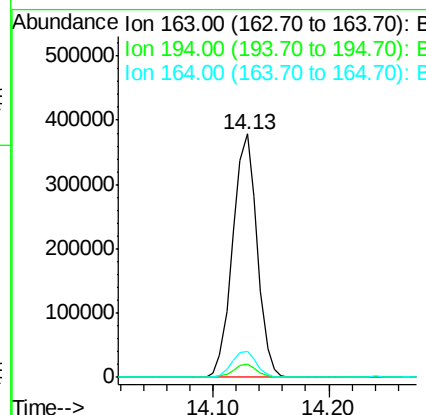
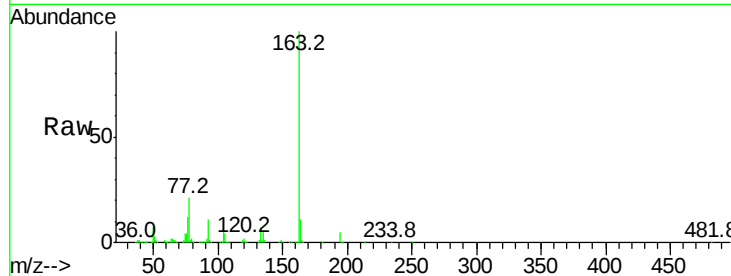
#49
Dimethylphthalate
Concen: 47.349 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.03 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Instrument :
BNA_G
ClientSampleId :
PB110513BS

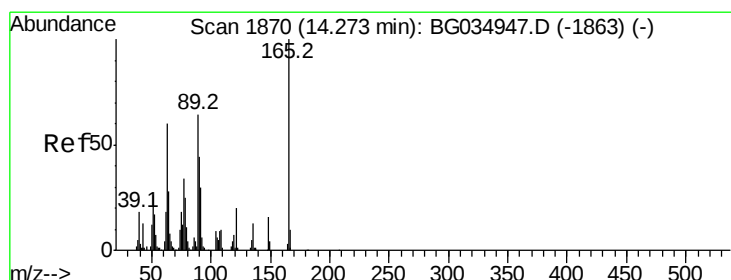
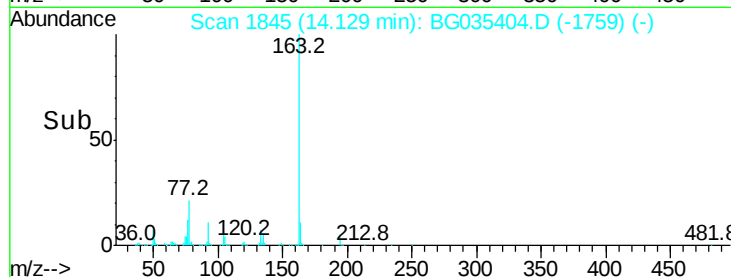
Tot Ion	Ratio	Resp	Lower	Upper
163	100	552434		
194	5.4	3.4	5.2#	
164	10.7	8.2	12.4	

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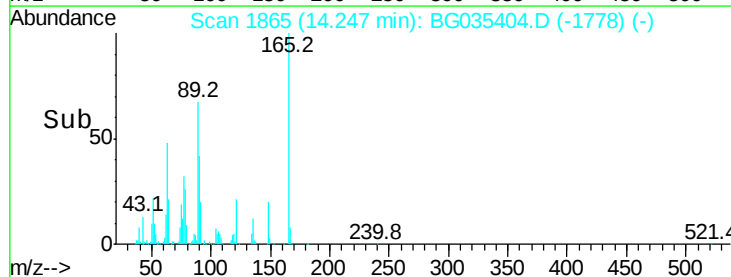
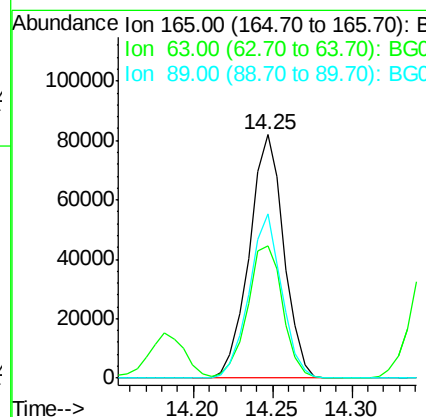
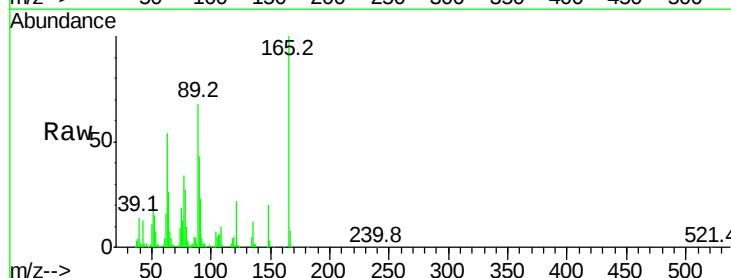


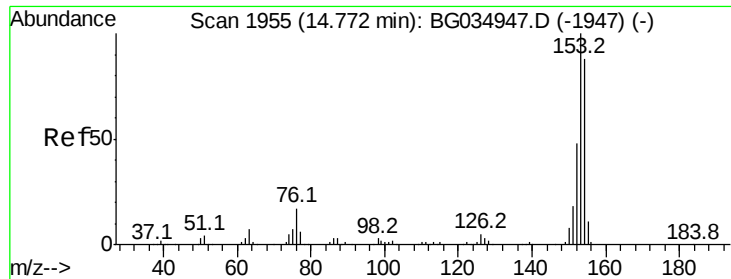
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#50
2,6-Dinitrotoluene
Concen: 58.047 ng
RT: 14.25 min Scan# 1865
Delta R.T. -0.02 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	123553		
63	54.4	52.7	79.1	
89	67.6	49.2	73.8	





#51

Acenaphthene

Concen: 45.218 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Instrument :

BNA_G

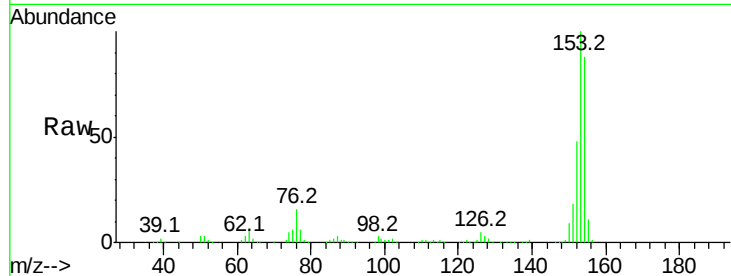
ClientSampleId :

PB110513BS

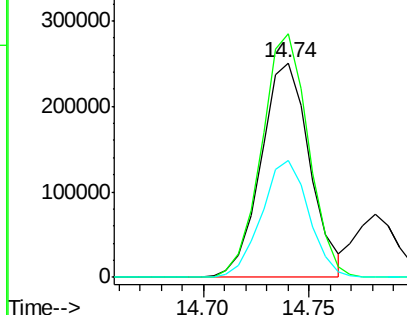
Tot Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.4	135.6
152	54.2	41.6	62.4

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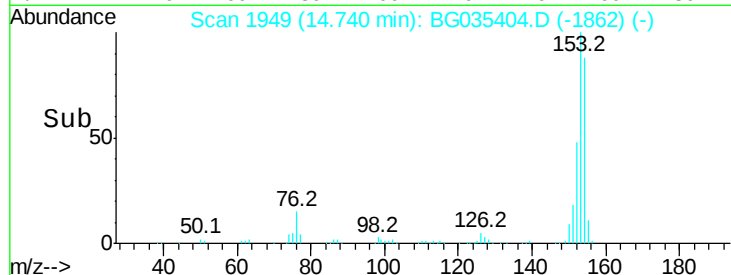
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



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#52

3-Nitroaniline

Concen: 23.499 ng

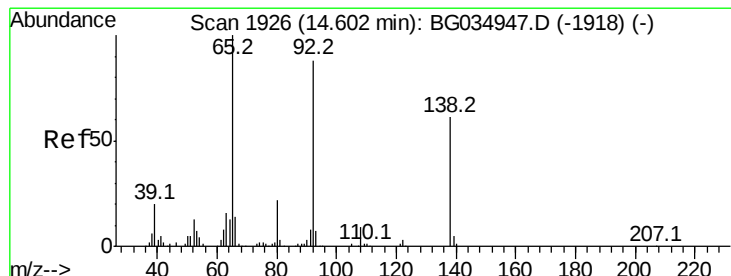
RT: 14.58 min Scan# 1921

Delta R.T. -0.02 min

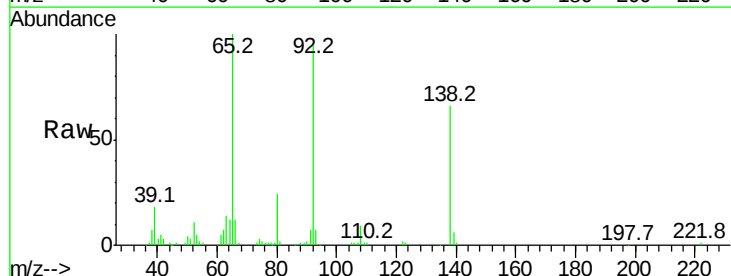
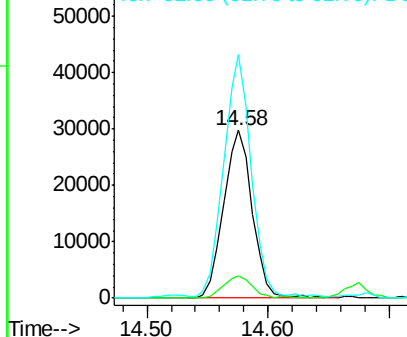
Lab File: BG035404.D

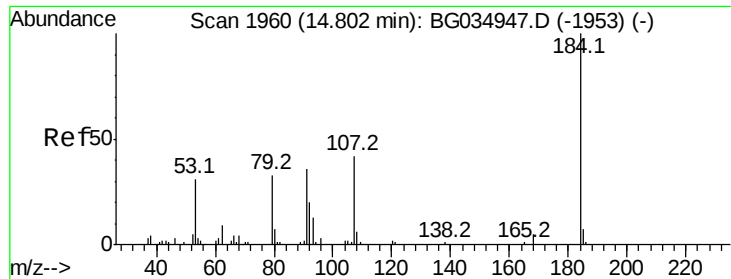
Acq: 26 Jun 2018 9:01

Tgt Ion	Ratio	Lower	Upper
138	100		
108	13.5	17.5	26.3#
92	145.3	105.8	158.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 175.692 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Instrument :

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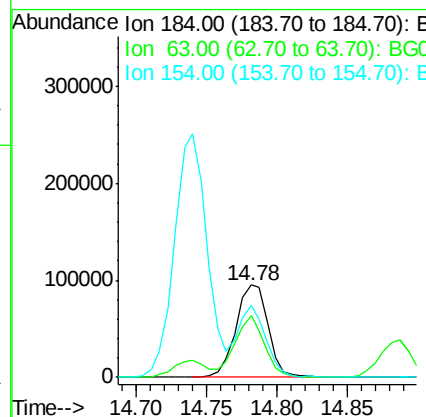
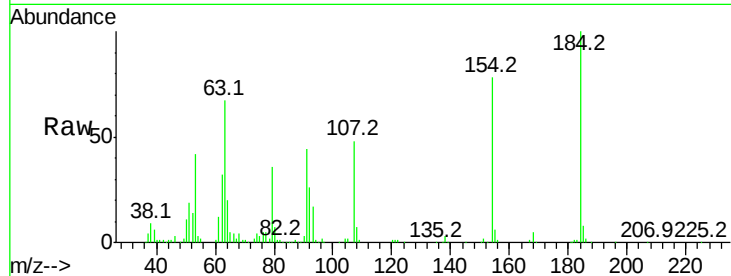
ClientSampleId :

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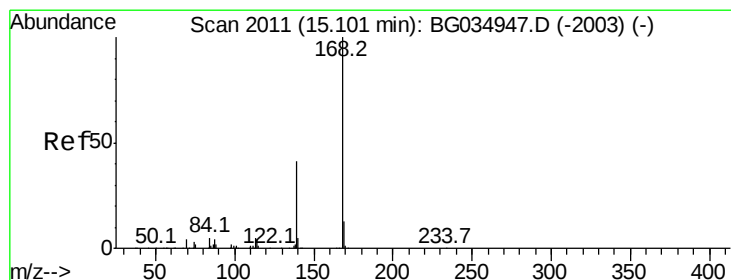
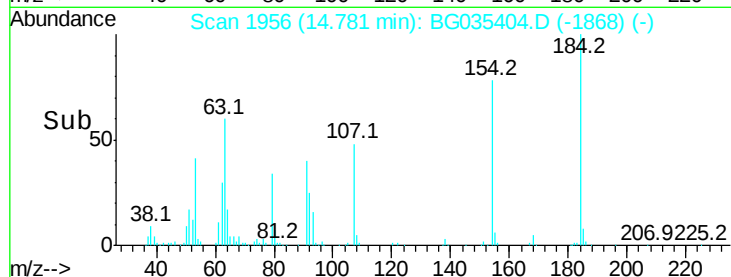
Tot Ion	Ratio	Lower	Upper
184	100		
63	67.3	59.8	89.8
154	77.7	101.8	152.8

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#54

Dibenzofuran

Concen: 49.255 ng

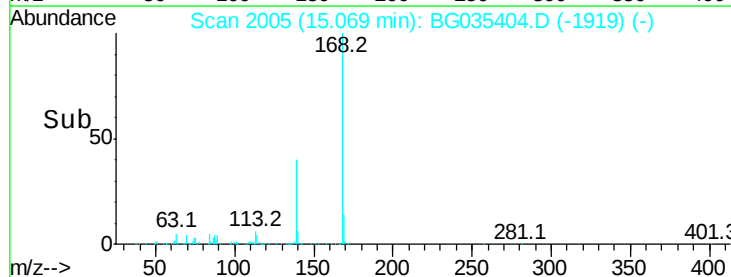
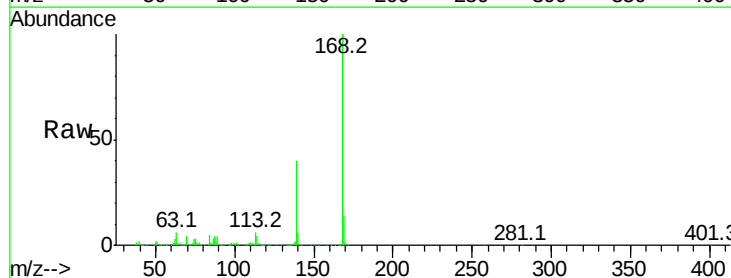
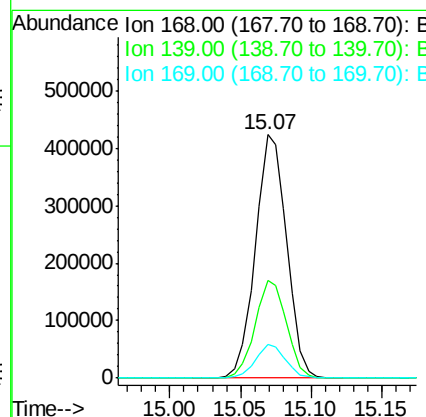
RT: 15.07 min Scan# 2005

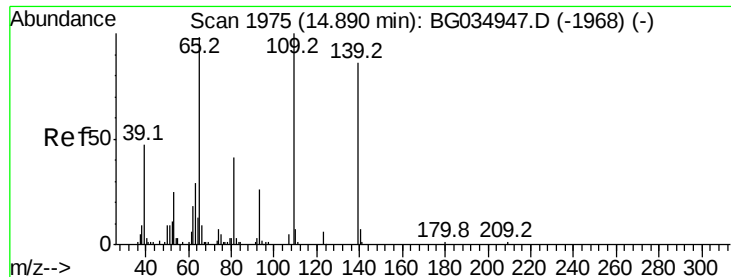
Delta R.T. -0.03 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.9	28.6	43.0
169	13.8	11.2	16.8





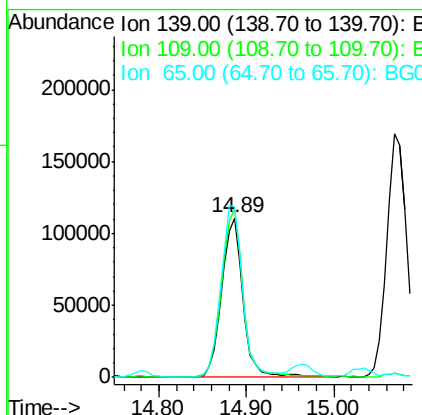
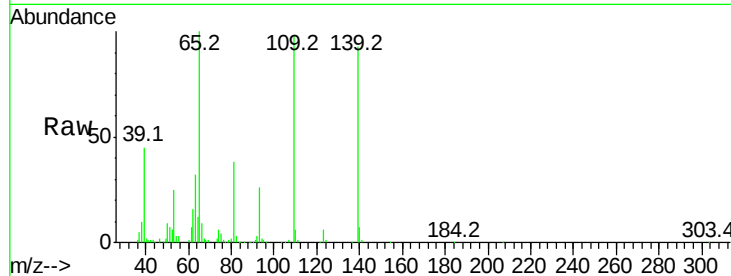
#55
4-Nitrophenol
Concen: 107.136 ng
RT: 14.89 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Instrument :
BNA_G
ClientSampleId :
PB110513BS

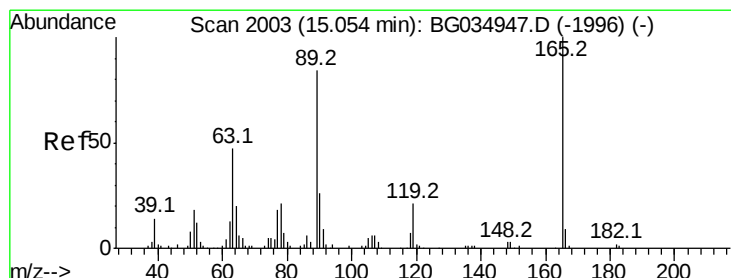
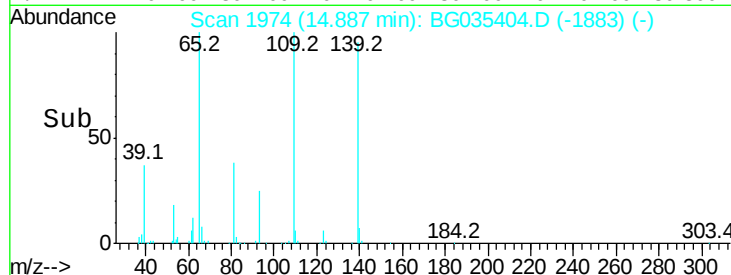
Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	105.3	62.2	102.2#	
65	107.6	97.2	137.2	

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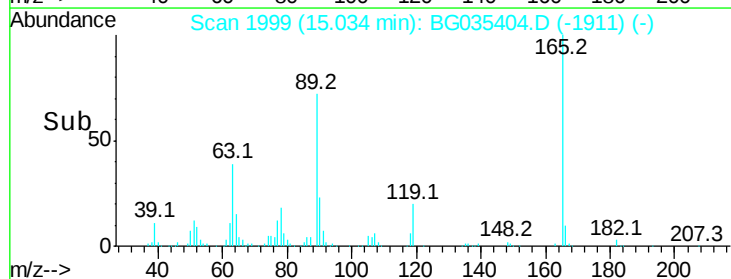
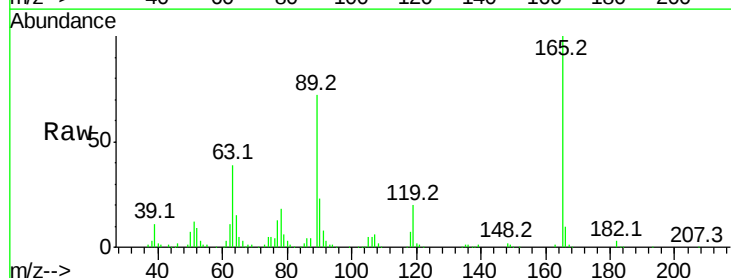
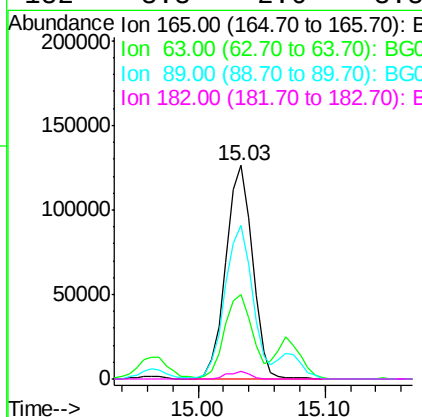


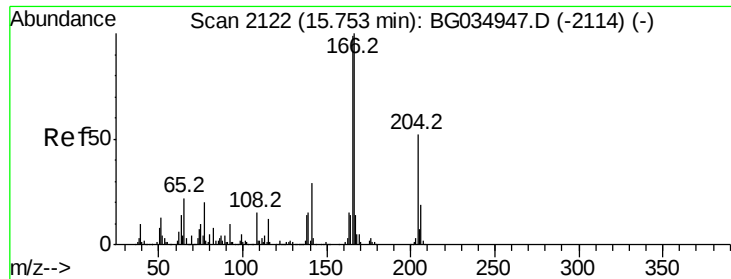
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#56
2,4-Dinitrotoluene
Concen: 64.865 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.4	42.0	63.0#	
89	71.9	66.9	100.3	
182	3.3	2.6	3.8	





#57

Fluorene

Concen: 49.186 ng

RT: 15.72 min Scan# 2116

Delta R.T. -0.02 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Instrument :

BNA_G

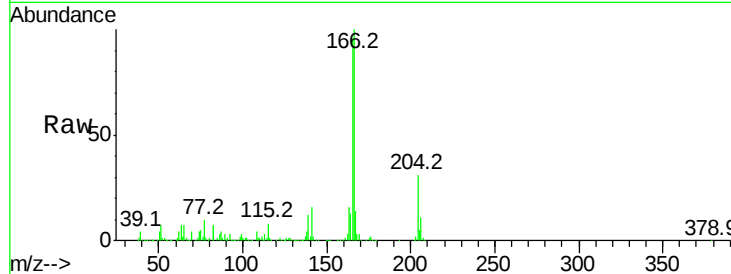
ClientSampleId :

PB110513BS

Tot Ion:	166	Resp:	548631
Ion Ratio	Lower	Upper	
166	100		
165	95.9	80.6	121.0
167	13.8	10.4	15.6

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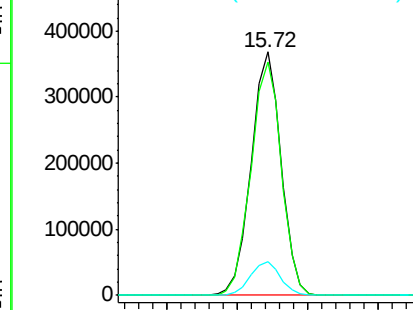


Abundance

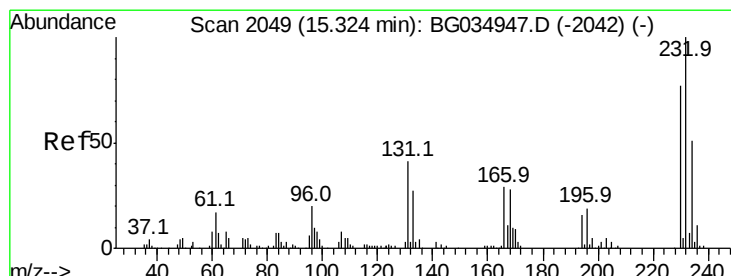
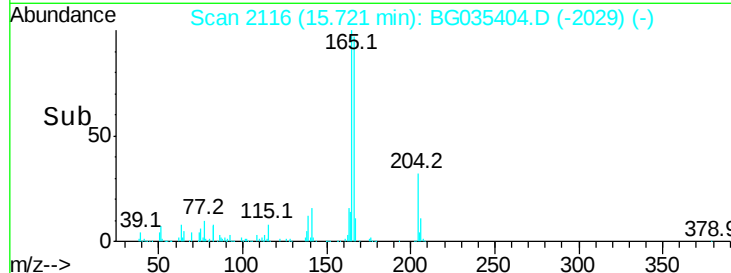
Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



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#58

2,3,4,6-Tetrachlorophenol

Concen: 60.752 ng

RT: 15.30 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Tgt Ion:	232	Resp:	193297
Ion Ratio	Lower	Upper	
232	100		
131	34.9	33.5	50.3
130	2.1	2.2	3.2#
166	27.2	24.8	37.2

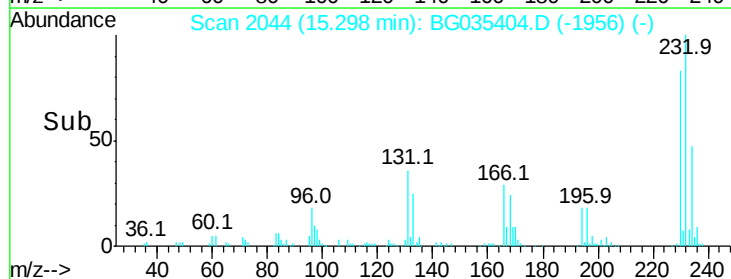
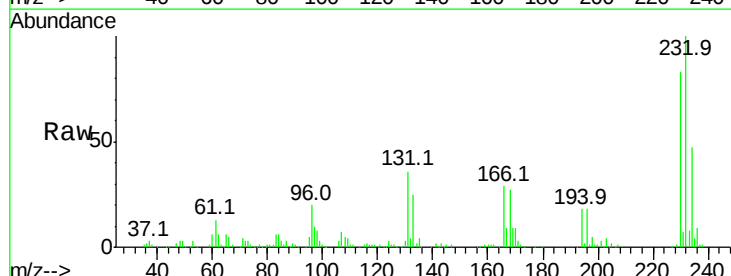
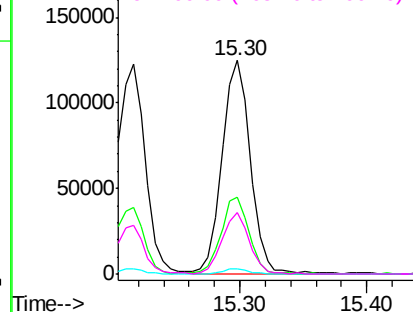
Abundance

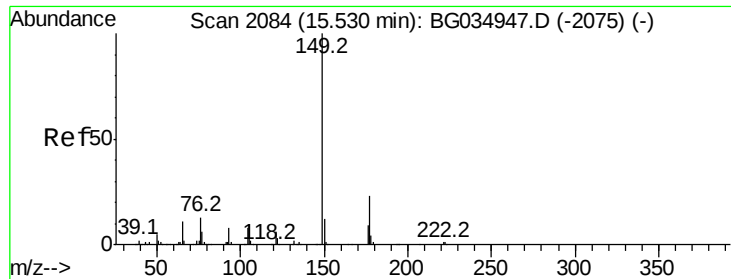
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





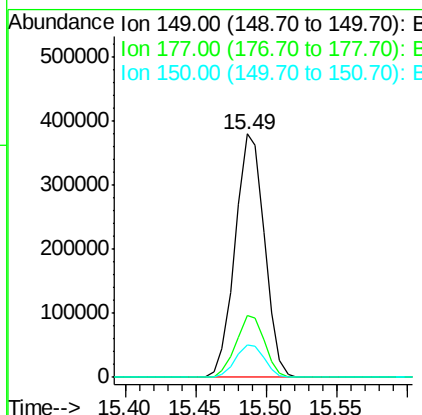
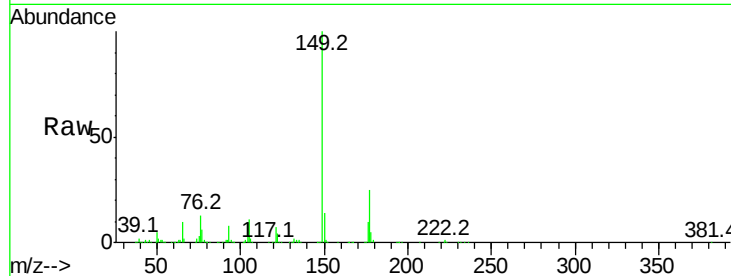
#59
Diethylphthalate
Concen: 46.203 ng
RT: 15.49 min Scan# 2076
Delta R.T. -0.03 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Instrument :
BNA_G
ClientSampleId :
PB110513BS

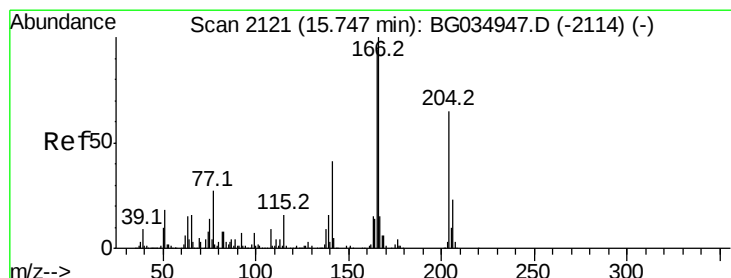
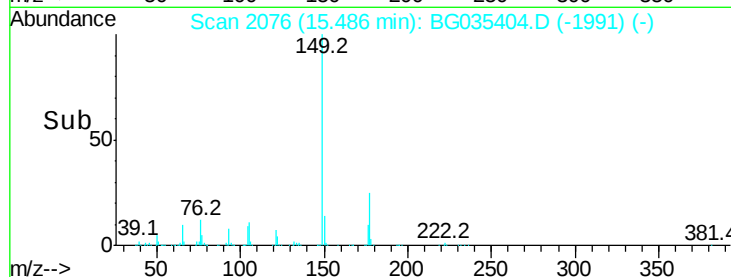
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	25.3	18.5	27.7	
150	13.5	10.2	15.2	

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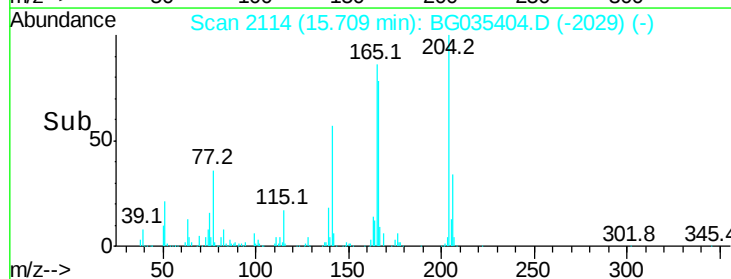
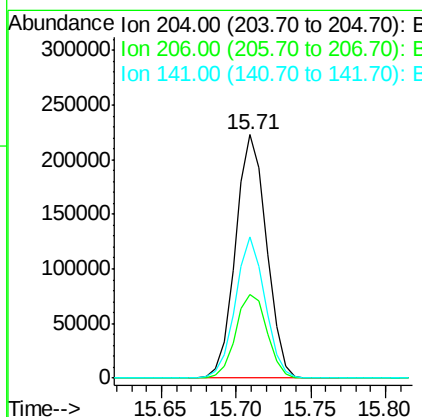
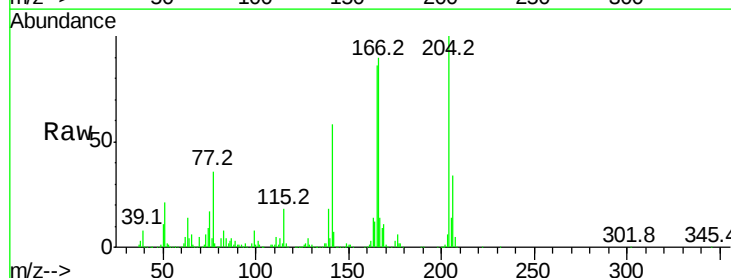


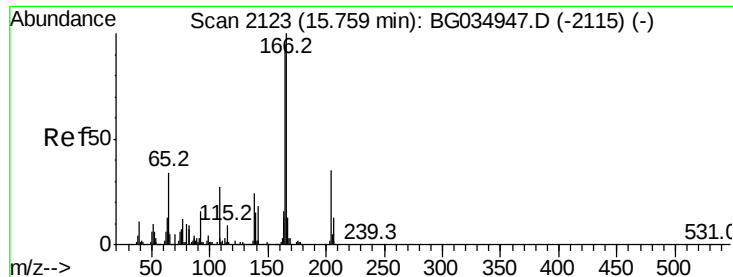
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#60
4-Chlorophenyl-phenylether
Concen: 50.453 ng
RT: 15.71 min Scan# 2114
Delta R.T. -0.03 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	34.4	26.2	39.2	
141	57.9	45.8	68.6	





#61

4-Nitroaniline

Concen: 55.086 ng

RT: 15.74 min Scan# 2120

Delta R.T. -0.02 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Instrument :

BNA_G

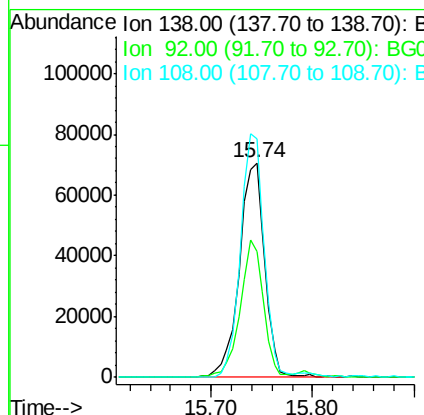
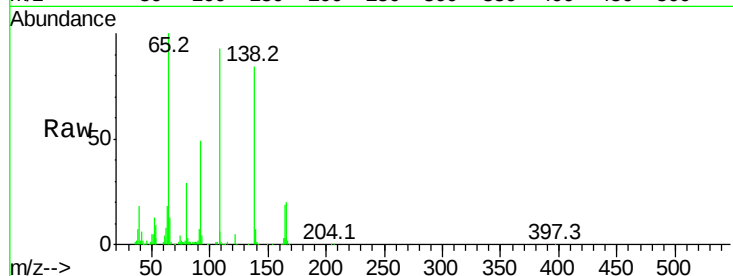
ClientSampled :

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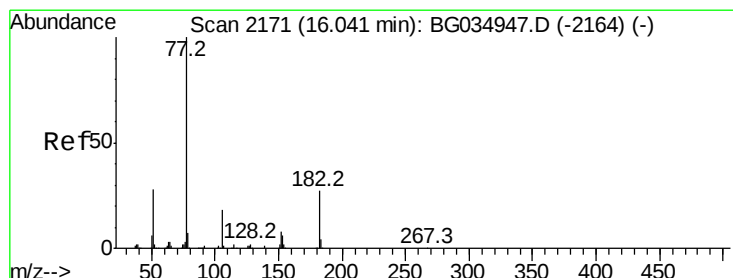
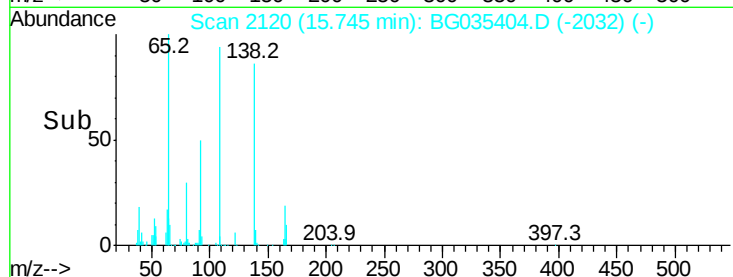
Tot Ion	Ratio	Lower	Upper
138	100		
92	58.5	40.1	80.1
108	111.6	65.4	105.4

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#62

Azobenzene

Concen: 47.361 ng

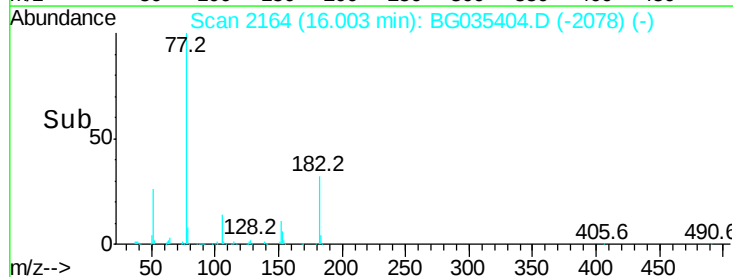
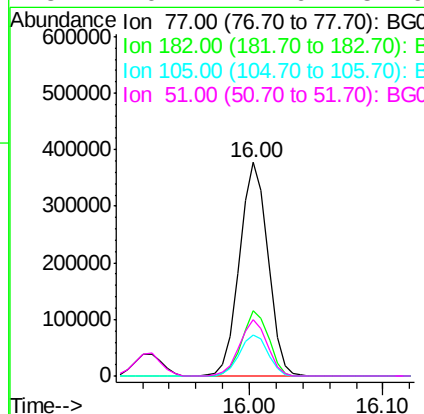
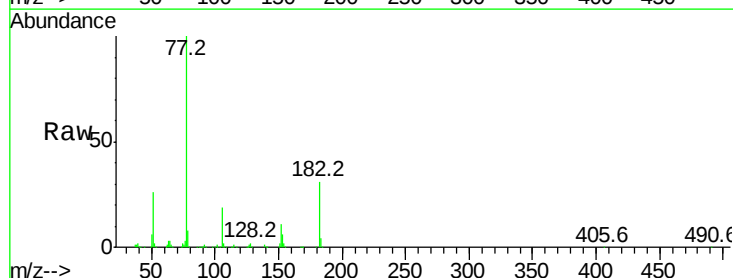
RT: 16.00 min Scan# 2164

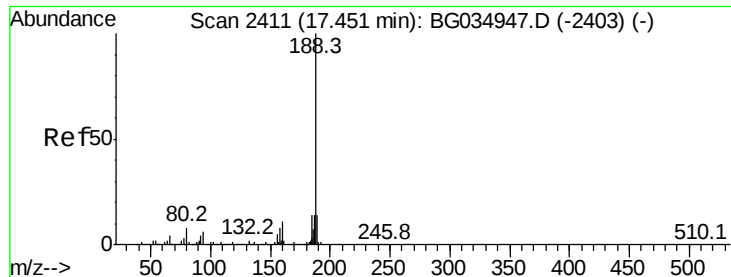
Delta R.T. -0.03 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.7	7.4	47.4
105	19.3	0.3	40.3
51	26.4	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Instrument :

BNA_G

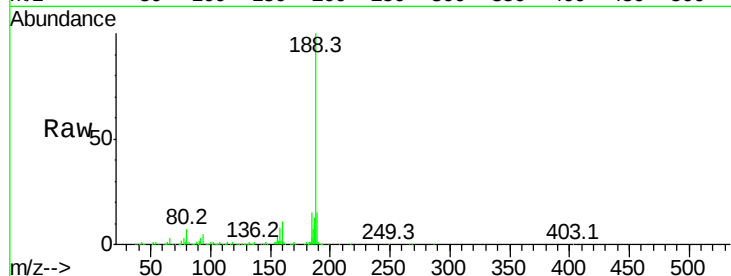
ClientSampleId :

PB110513BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	5.4	6.9	10.3#
80	7.3	7.7	11.5#

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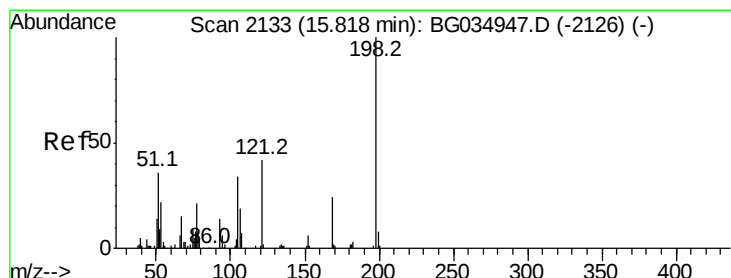
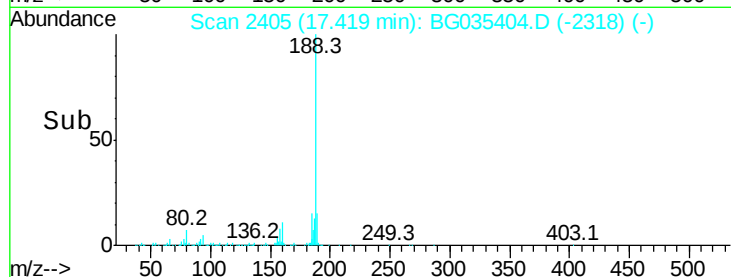
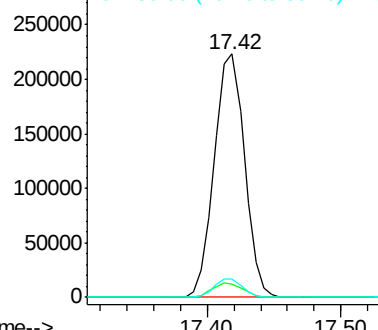
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 67.834 ng

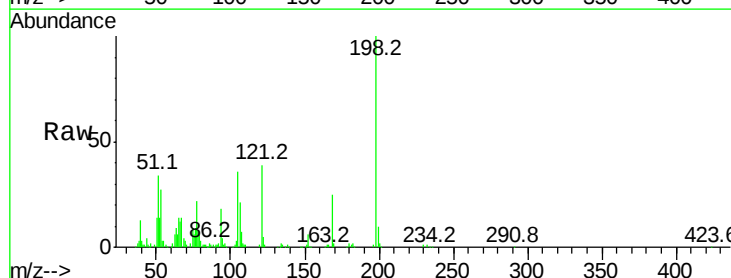
RT: 15.80 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

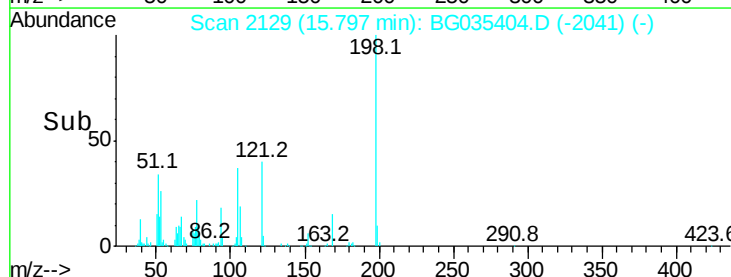
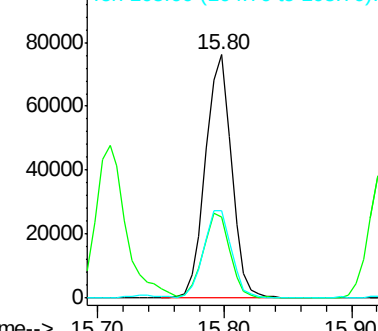
Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	33.5	30.6	70.6
105	35.7	23.8	63.8

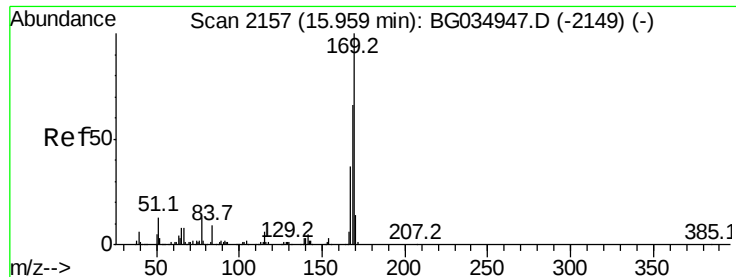


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.956 ng

RT: 15.93 min Scan# 2151

Delta R.T. -0.02 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Instrument :

BNA_G

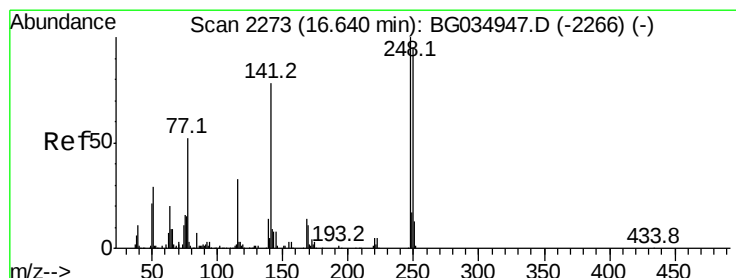
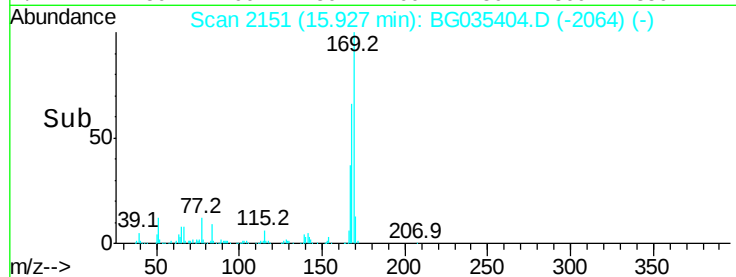
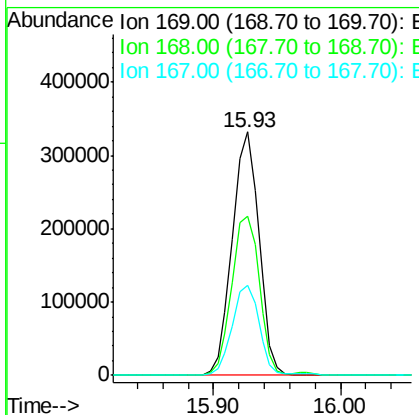
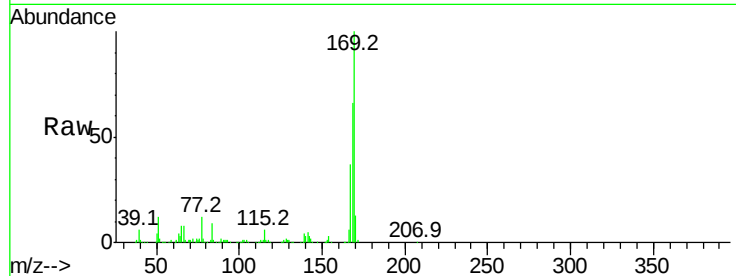
ClientSampleId :

PB110513BS

Tot Ion:	169	Resp:	482935
Ion Ratio	Lower	Upper	
169	100		
168	65.6	55.7	83.5
167	37.0	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 52.207 ng

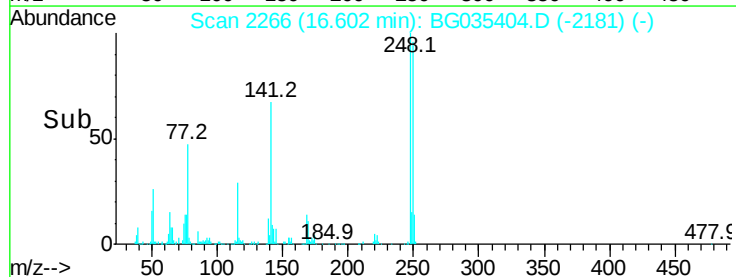
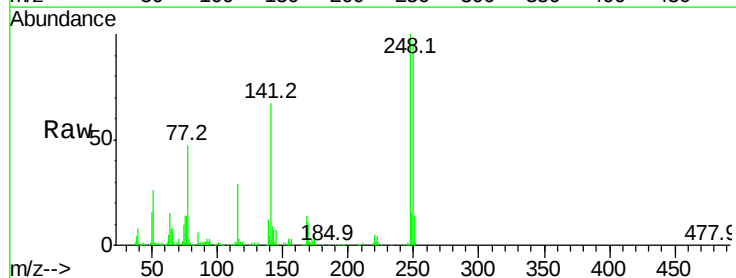
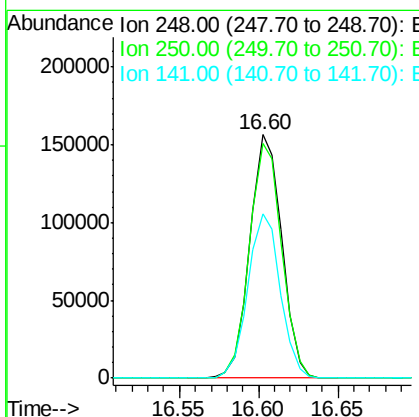
RT: 16.60 min Scan# 2266

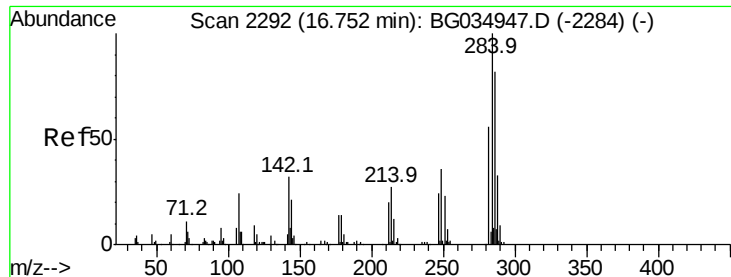
Delta R.T. -0.03 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Tgt Ion:	248	Resp:	219999
Ion Ratio	Lower	Upper	
248	100		
250	96.3	77.1	115.7
141	67.5	50.8	76.2





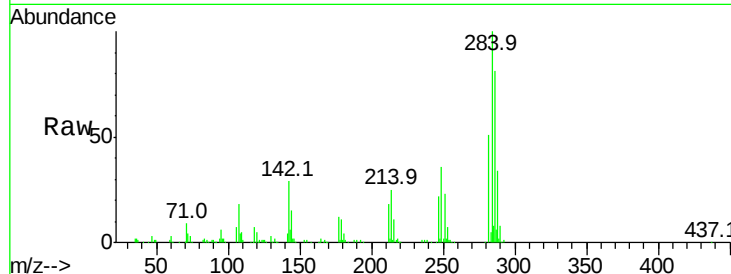
#67
Hexachlorobenzene
Concen: 52.903 ng
RT: 16.73 min Scan# 2287
Delta R.T. -0.02 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Instrument :
BNA_G
ClientSampleId :
PB110513BS

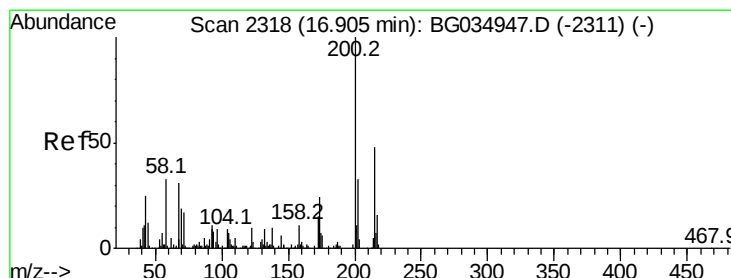
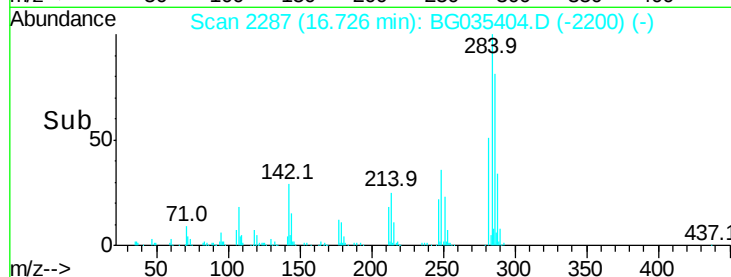
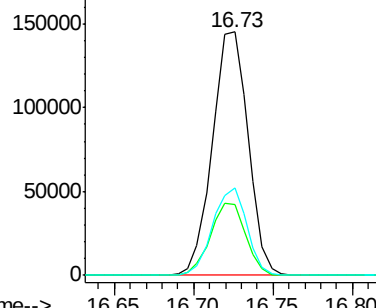
Tot Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	29.2	26.8	40.2
249	36.2	26.3	39.5

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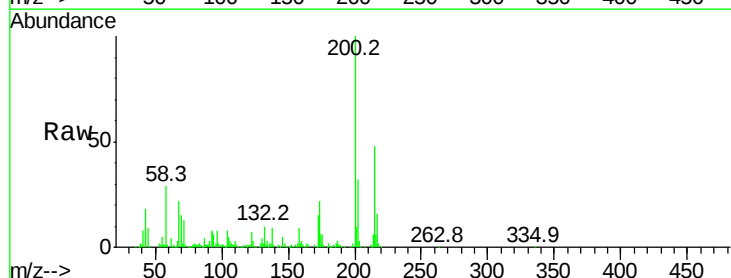


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

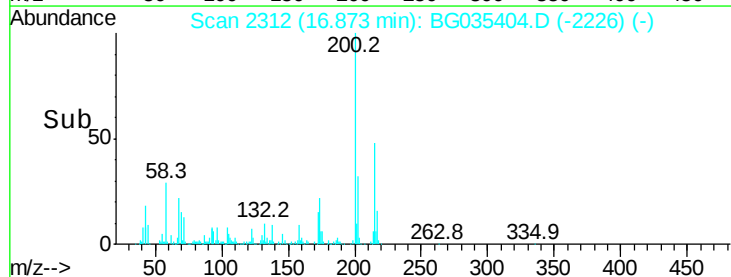
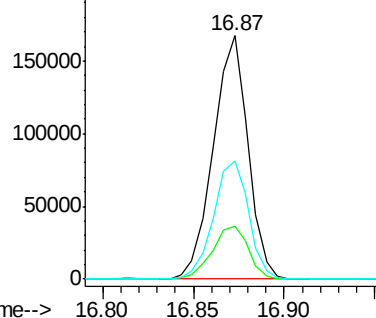


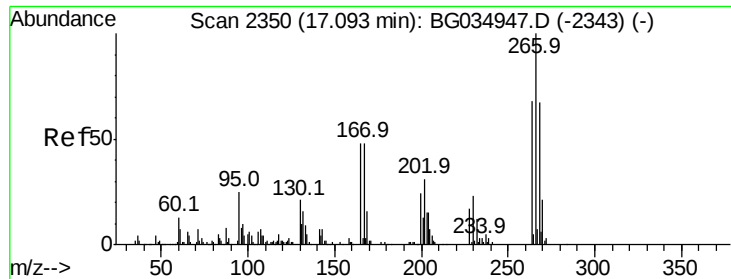
#68
Atrazine
Concen: 49.571 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.03 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	21.7	5.2	45.2
215	48.3	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





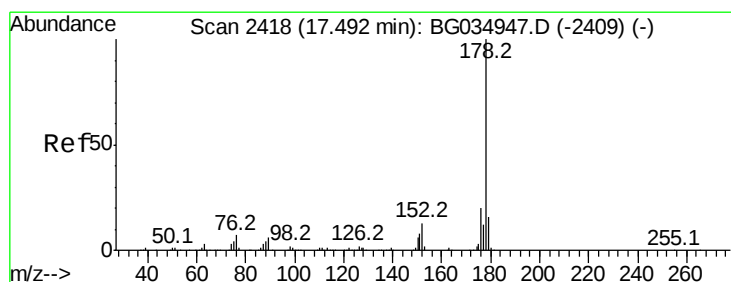
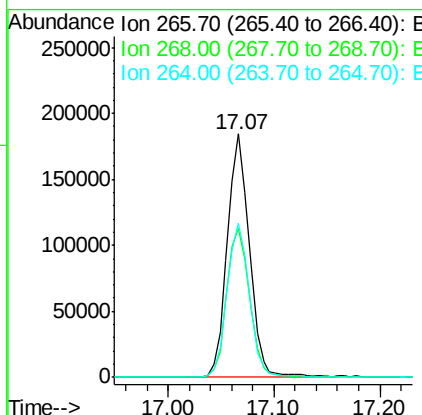
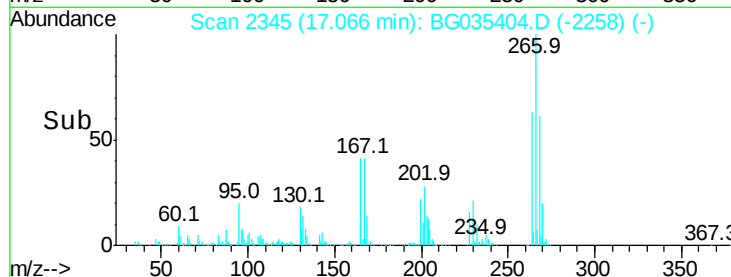
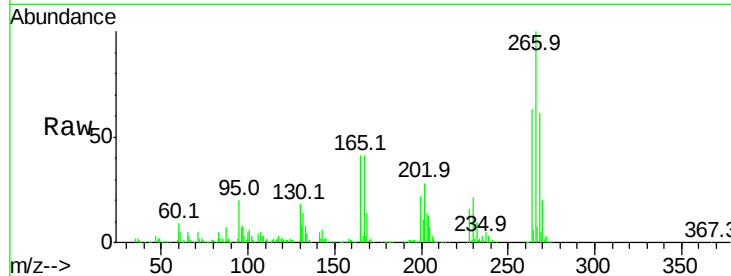
#69
 Pentachlorophenol
 Concen: 92.904 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.02 min
 Lab File: BG035404.D
 Acq: 26 Jun 2018 9:01

Instrument :
 BNA_G
 ClientSampleId :
 PB110513BS

Tot Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	61.1	51.1	76.7
264	63.4	49.6	74.4

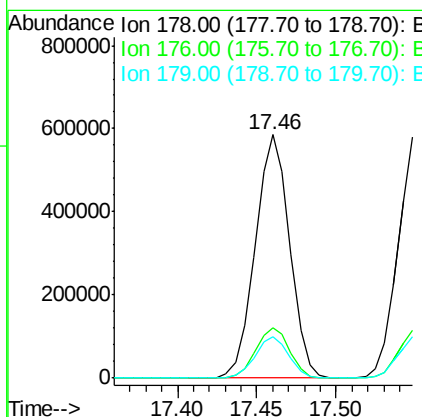
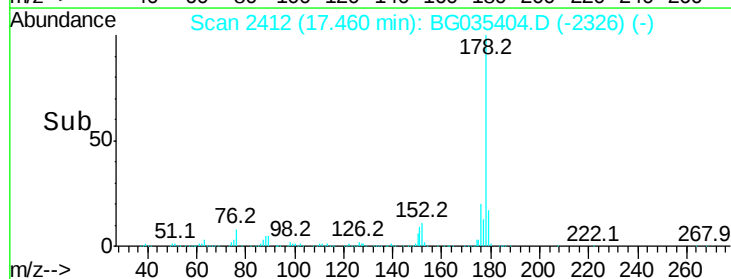
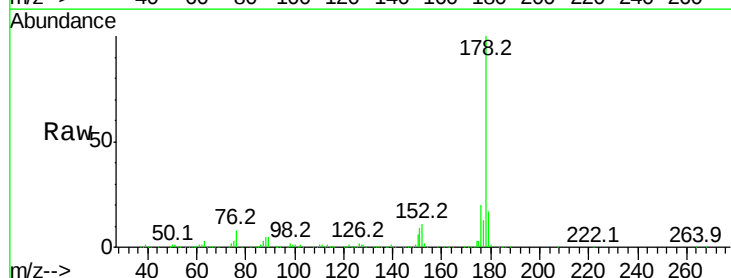
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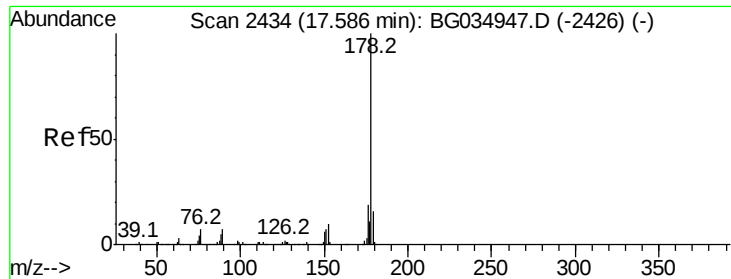
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#70
 Phenanthrene
 Concen: 49.579 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.03 min
 Lab File: BG035404.D
 Acq: 26 Jun 2018 9:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	20.5	15.7	23.5
179	17.2	12.5	18.7





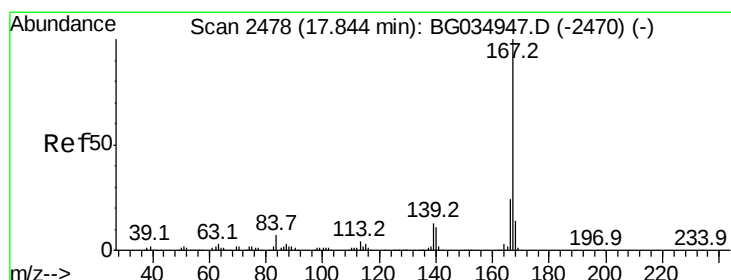
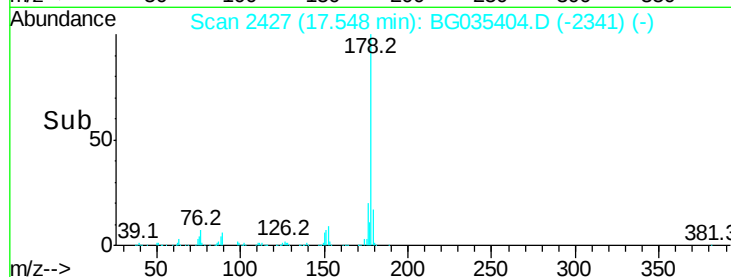
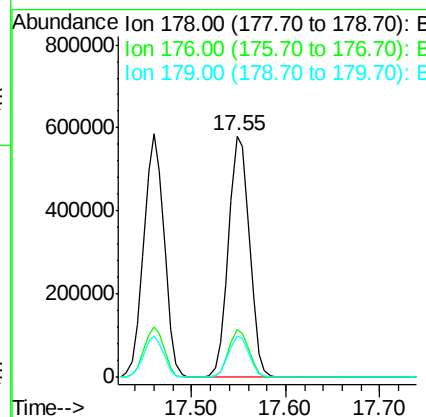
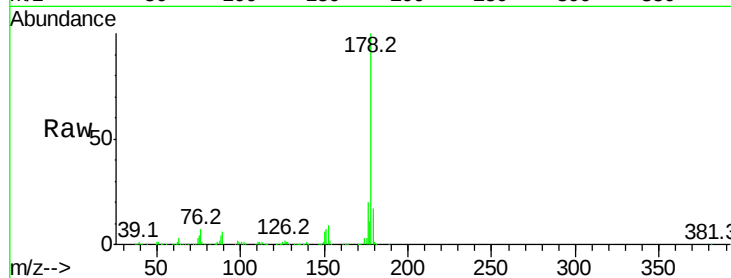
#71
 Anthracene
 Concen: 50.834 ng
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.03 min
 Lab File: BG035404.D
 Acq: 26 Jun 2018 9:01

Instrument :
 BNA_G
 ClientSampleId :
 PB110513BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	17.1	12.5	18.7

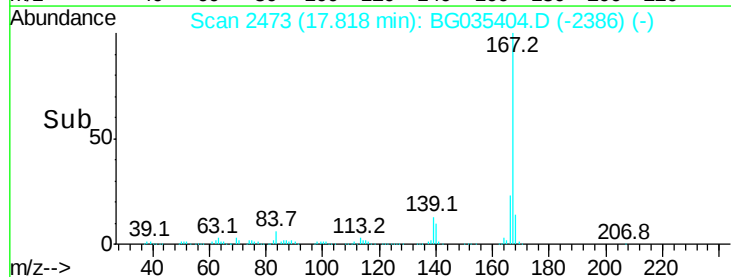
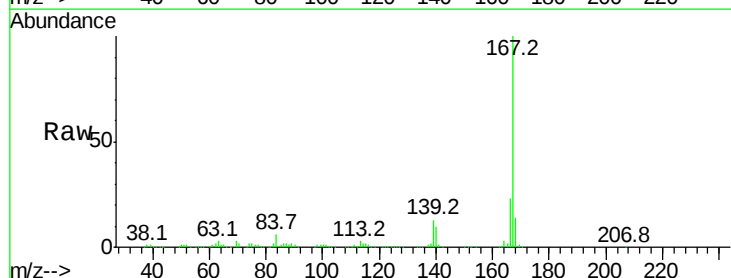
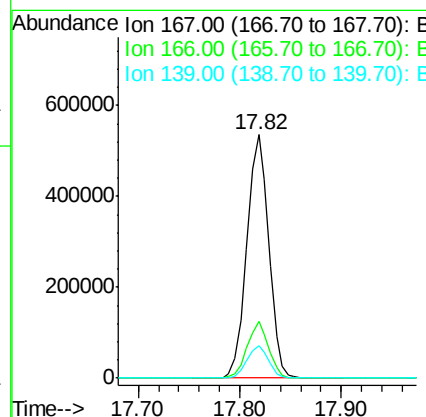
Manual Integrations
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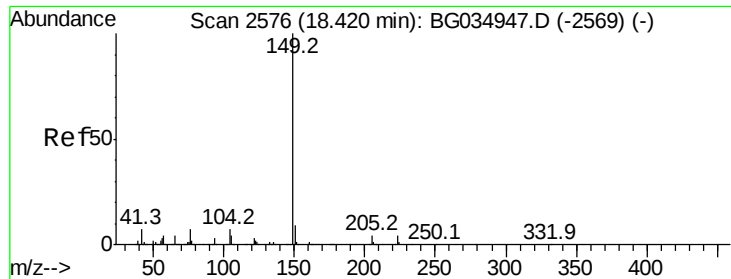
Sohil
 6/27/2018 10:48:31 AM



#72
 Carbazole
 Concen: 48.828 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.02 min
 Lab File: BG035404.D
 Acq: 26 Jun 2018 9:01

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.2	27.4
139	13.3	9.4	14.2





#73

Di-n-butylphthalate

Concen: 46.630 ng

RT: 18.37 min Scan# 2567

Delta R.T. -0.04 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Instrument :

BNA_G

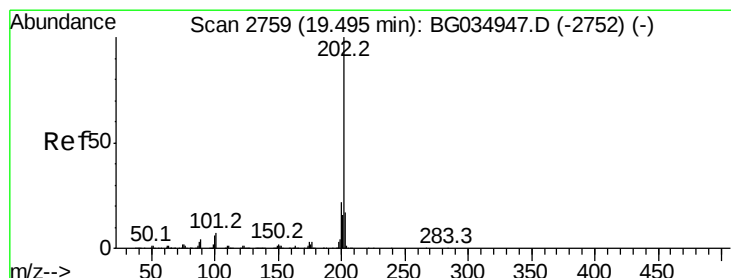
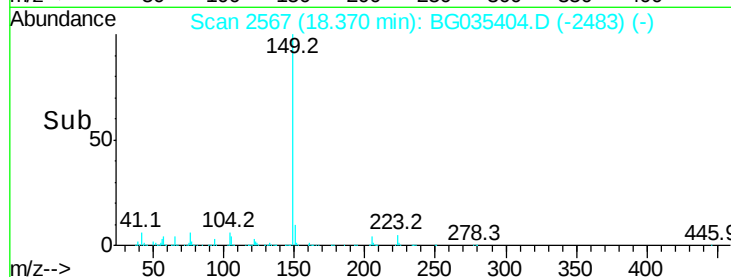
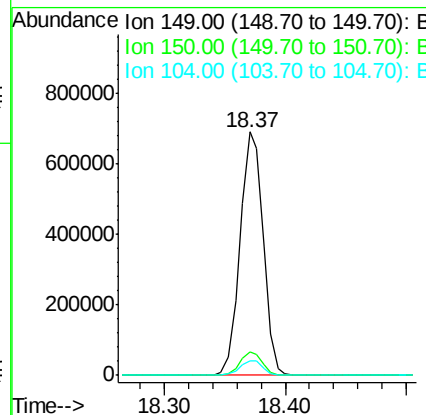
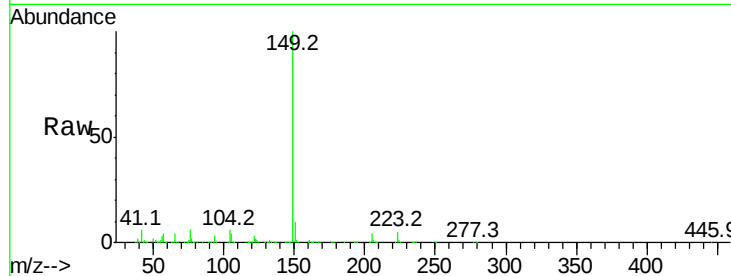
ClientSampleId :

PB110513BS

Tot Ion:	149	Resp:	918192
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	6.2	3.9	5.9#

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#74

Fluoranthene

Concen: 49.449 ng

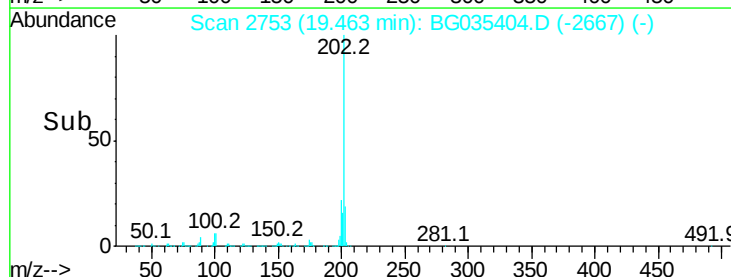
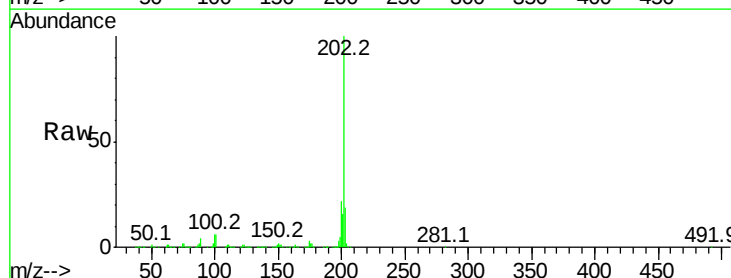
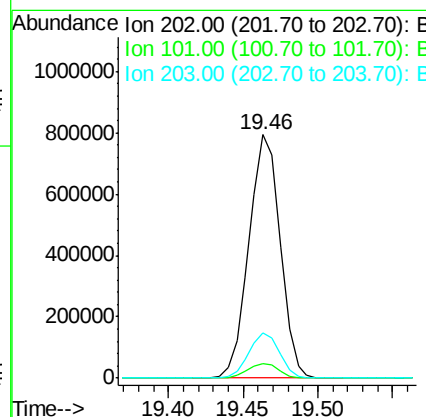
RT: 19.46 min Scan# 2753

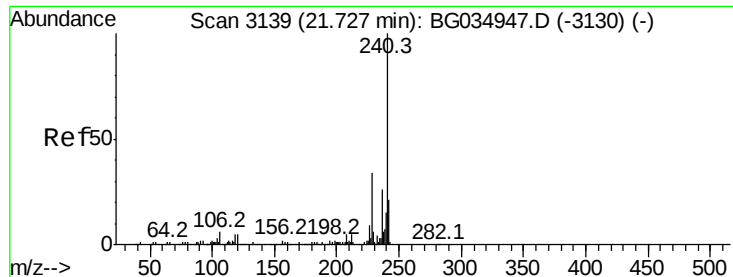
Delta R.T. -0.03 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Tgt Ion:	202	Resp:	1143788
Ion Ratio	Lower	Upper	
202	100		
101	6.1	0.0	28.9
203	18.8	0.0	37.5





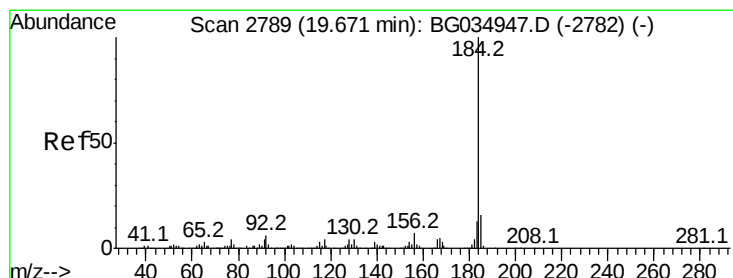
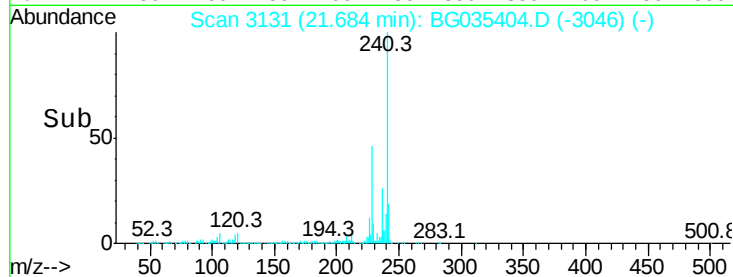
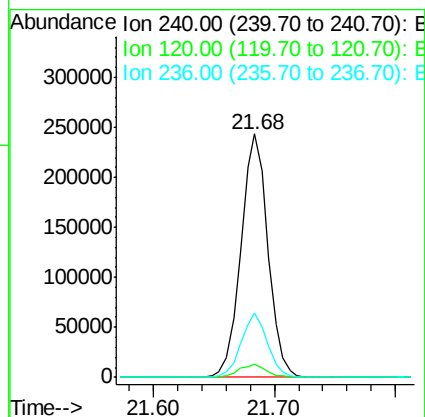
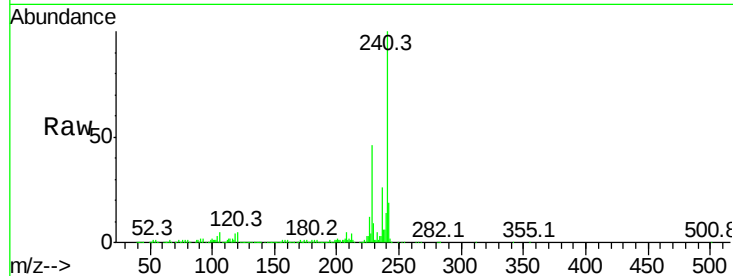
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.03 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Instrument :
BNA_G
ClientSampleId :
PB110513BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.3	6.8	10.2#
236	26.4	20.9	31.3

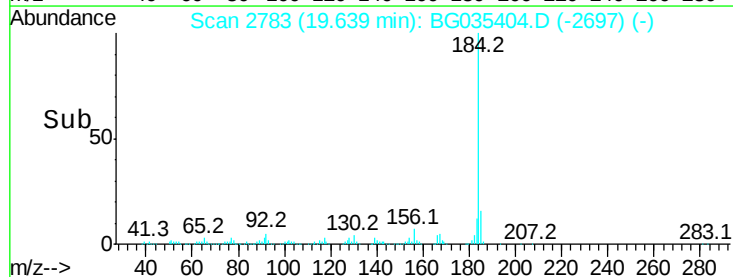
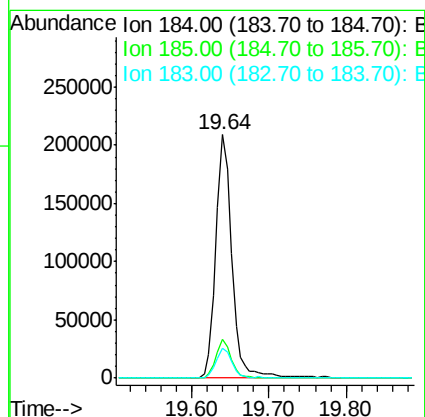
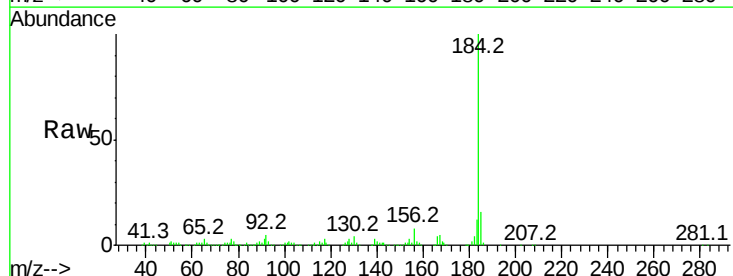
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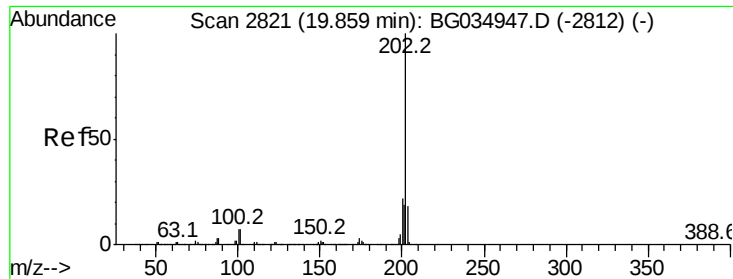
Sohil
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#76
Benzidine
Concen: 21.506 ng
RT: 19.64 min Scan# 2783
Delta R.T. -0.03 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.8	11.1	16.7
183	12.0	10.6	16.0





#77

Pvrene

Concen: 46.325 ng

RT: 19.83 min Scan# 2815

Delta R.T. -0.02 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Instrument :

BNA_G

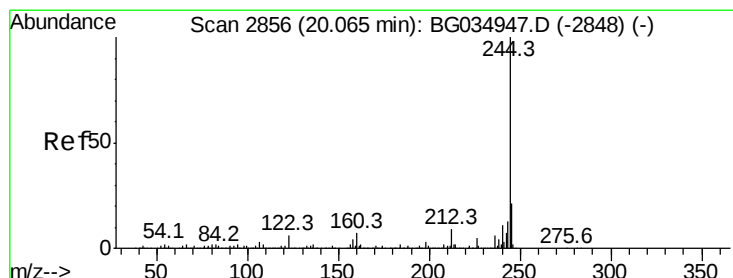
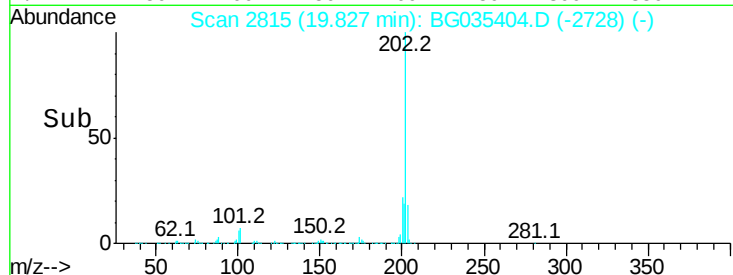
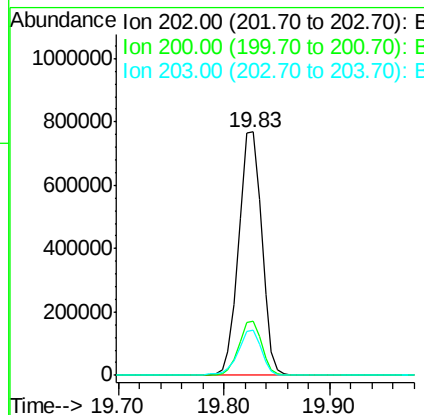
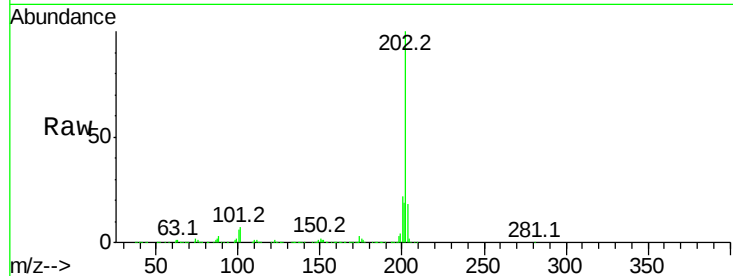
ClientSampleId :

PB110513BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	16.9	25.3
203	18.5	13.9	20.9

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#78

Terphenyl-d14

Concen: 95.702 ng

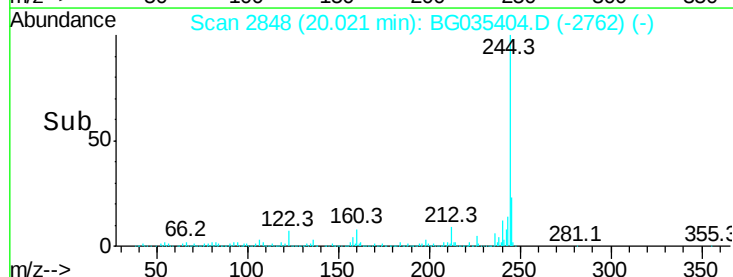
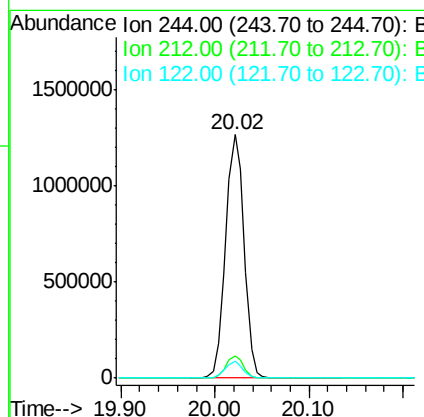
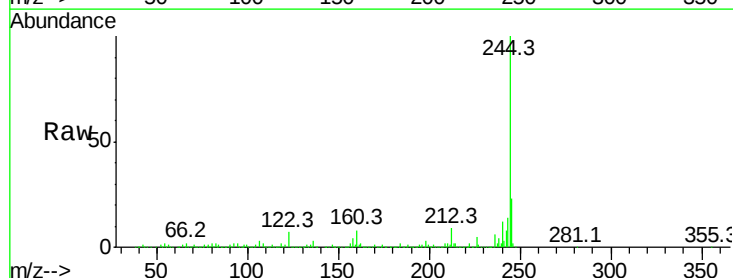
RT: 20.02 min Scan# 2848

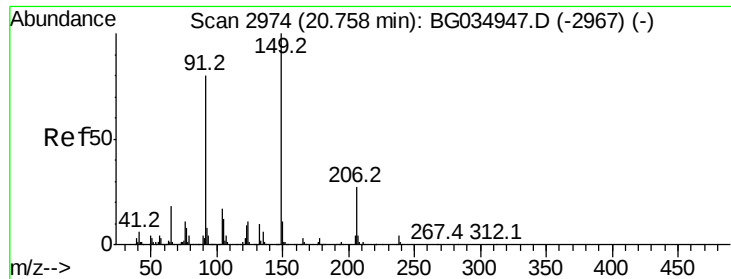
Delta R.T. -0.03 min

Lab File: BG035404.D

Acq: 26 Jun 2018 9:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.3	5.8	8.8#
122	6.9	7.0	10.4#





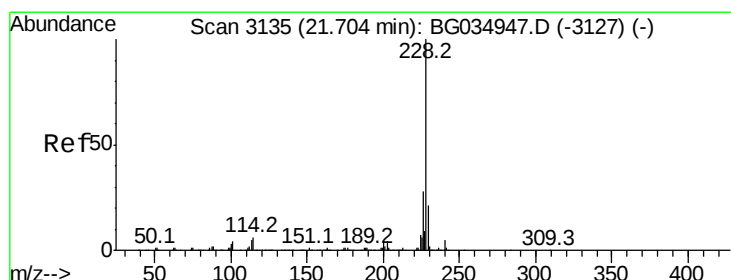
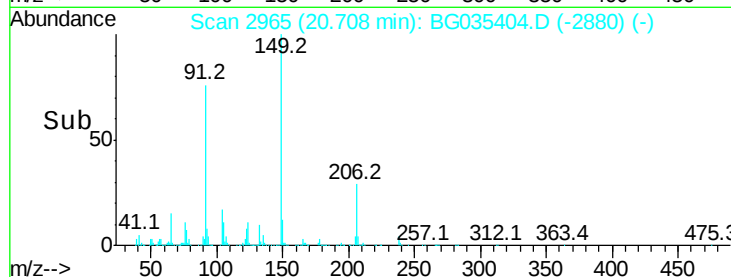
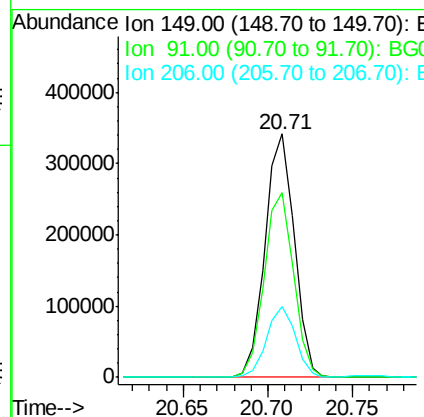
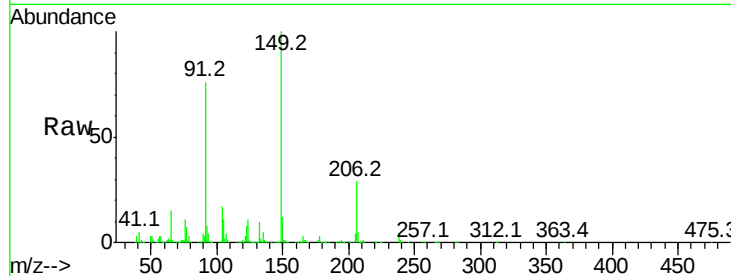
#79
Butylbenzylphthalate
Concen: 45.361 ng
RT: 20.71 min Scan# 2965
Delta R.T. -0.03 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Instrument :
BNA_G
ClientSampleId :
PB110513BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	76.0	62.2	93.2	
206	29.3	18.6	27.8	

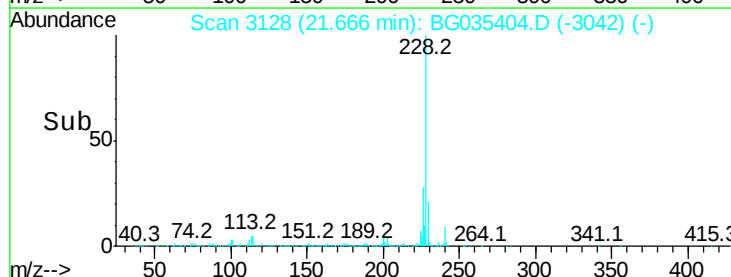
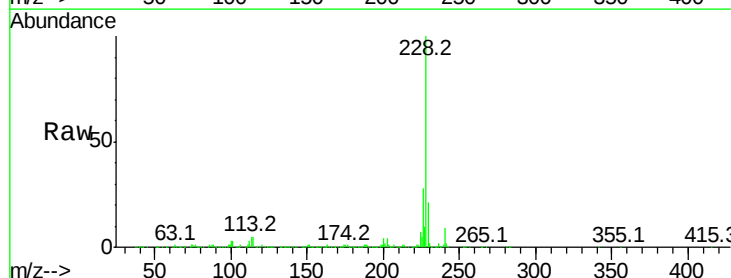
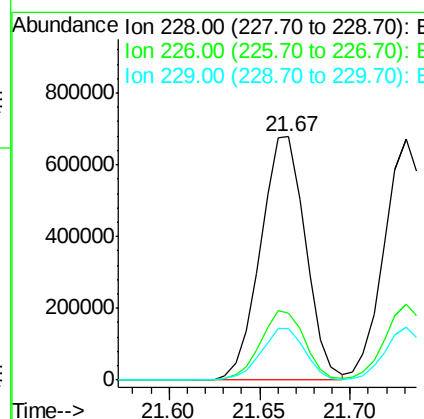
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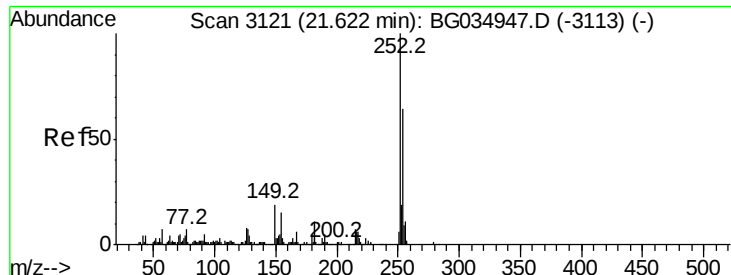
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#80
Benzo(a)anthracene
Concen: 48.571 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.03 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.6	22.7	34.1	
229	21.2	16.2	24.2	





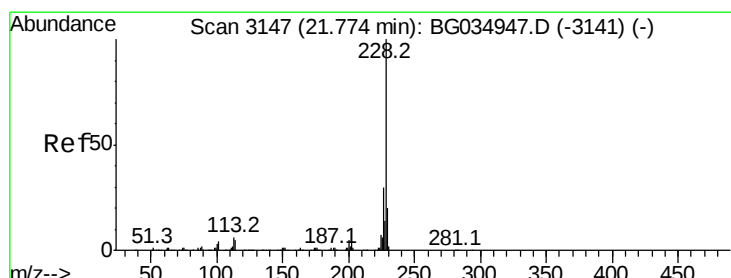
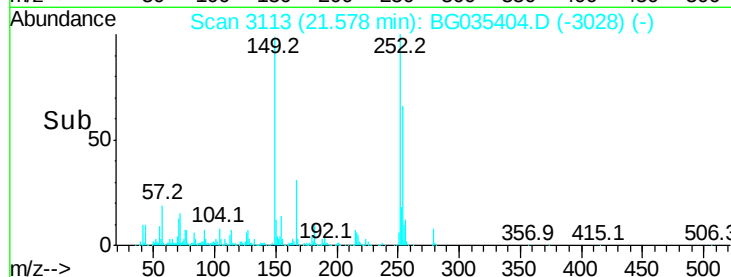
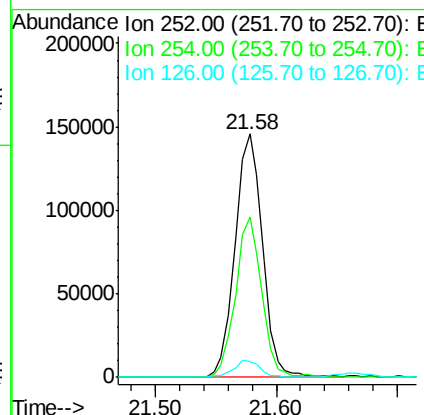
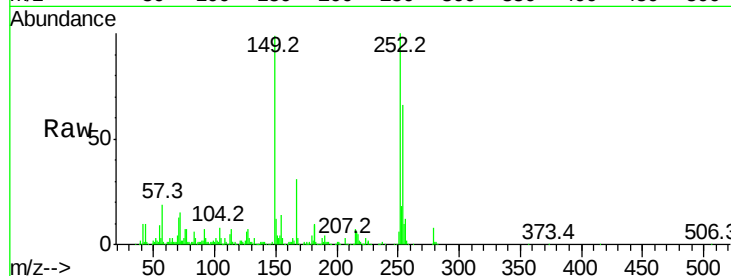
#81
 3,3'-Dichlorobenzidine
 Concen: 25.529 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.03 min
 Lab File: BG035404.D
 Acq: 26 Jun 2018 9:01

Instrument :
 BNA_G
 ClientSampleId :
 PB110513BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.7	50.8	76.2
126	6.4	7.4	11.2#

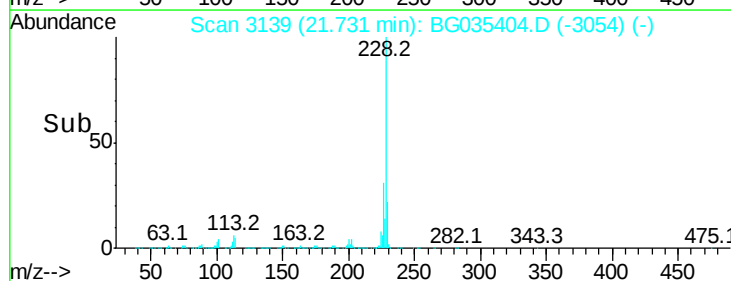
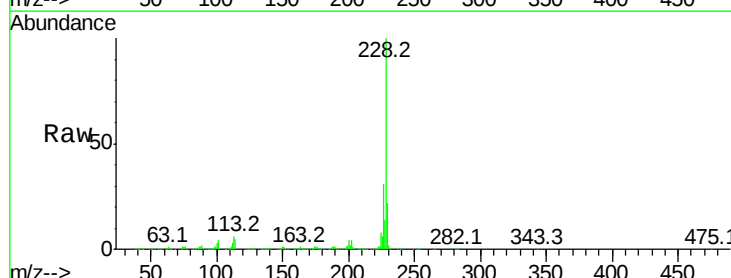
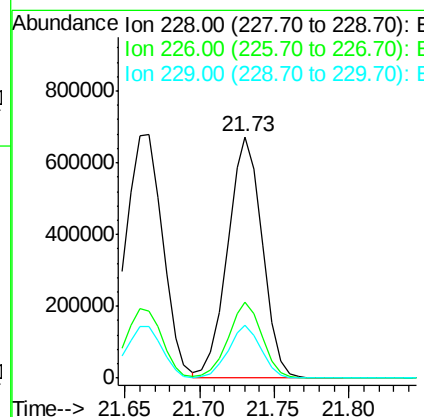
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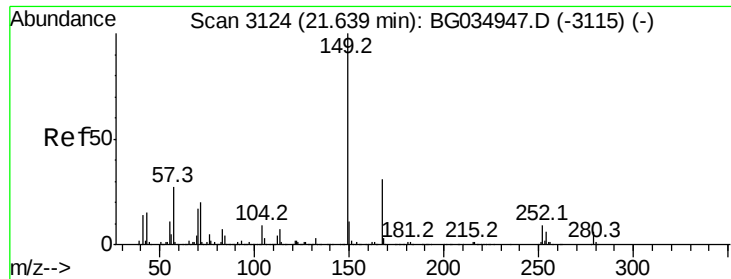
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#82
 Chrysene
 Concen: 49.255 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.03 min
 Lab File: BG035404.D
 Acq: 26 Jun 2018 9:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	21.7	15.0	22.4





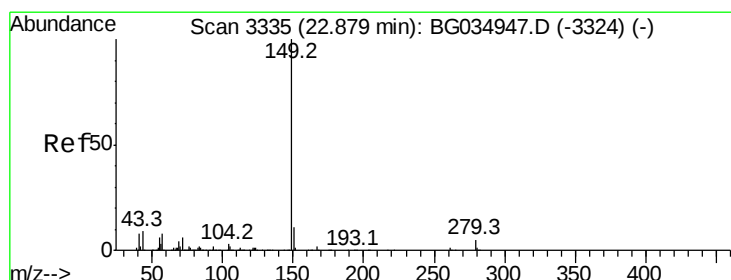
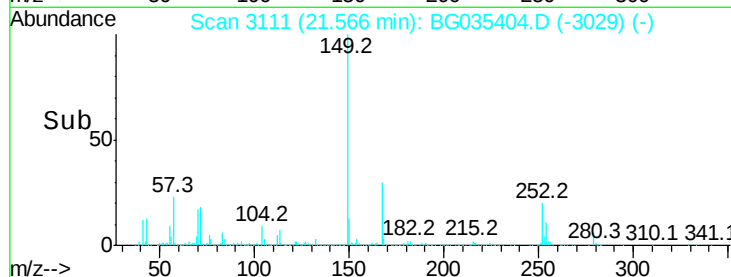
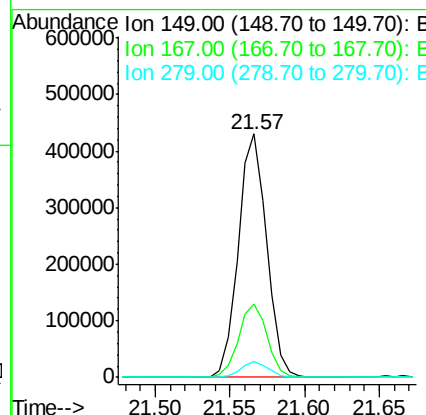
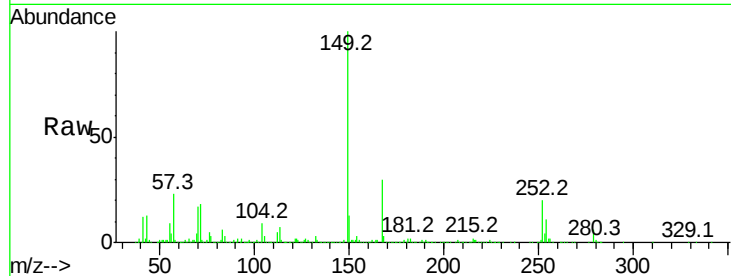
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.417 ng
 RT: 21.57 min Scan# 3111
 Delta R.T. -0.05 min
 Lab File: BG035404.D
 Acq: 26 Jun 2018 9:01

Instrument :
 BNA_G
 ClientSampleId :
 PB110513BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	30.4	24.3	36.5
279	6.3	4.0	6.0#

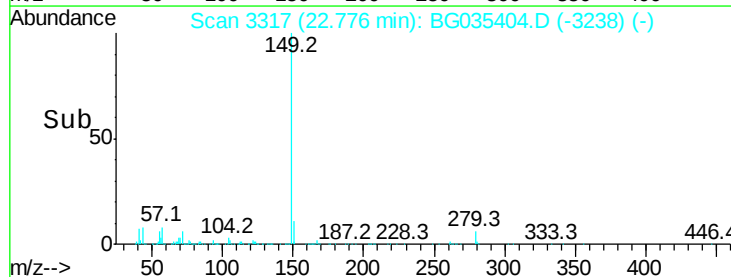
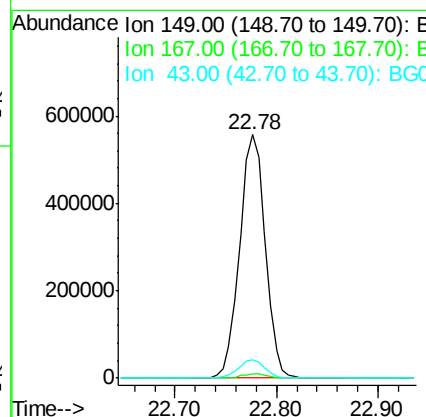
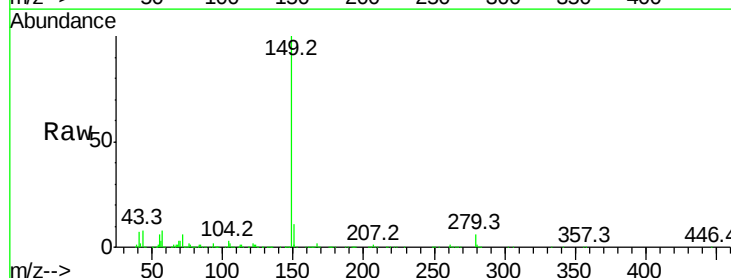
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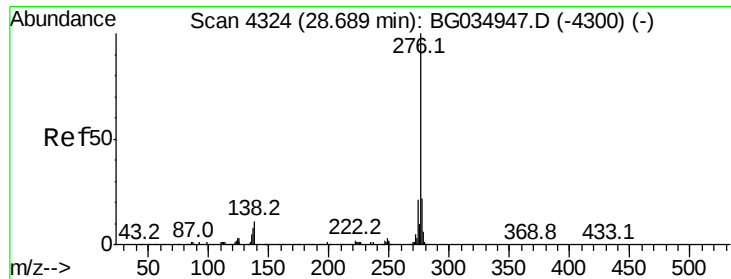
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#84
 Di-n-octyl phthalate
 Concen: 44.534 ng
 RT: 22.78 min Scan# 3317
 Delta R.T. -0.07 min
 Lab File: BG035404.D
 Acq: 26 Jun 2018 9:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.8	1.4	2.0
43	7.7	8.9	13.3#





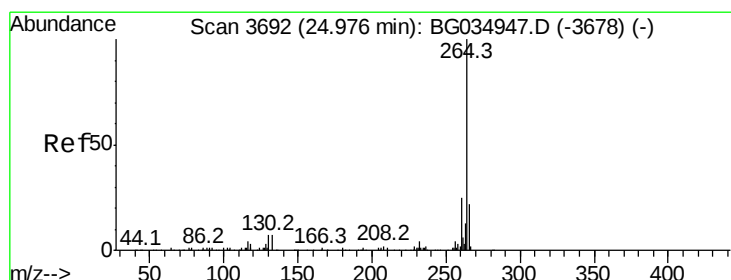
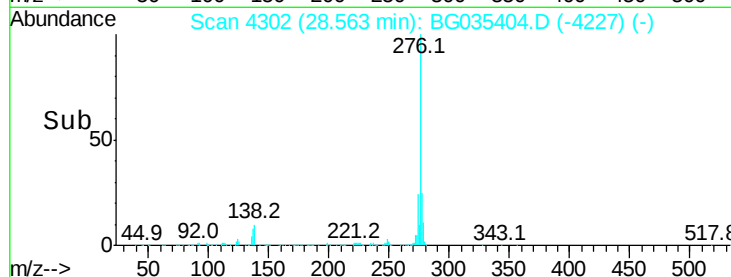
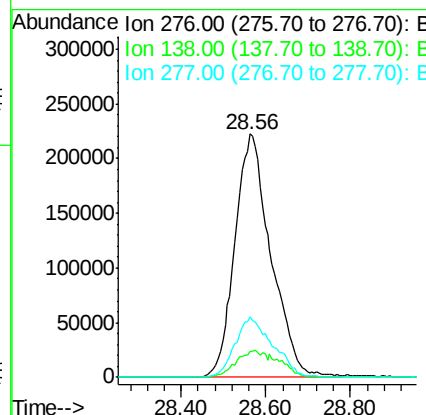
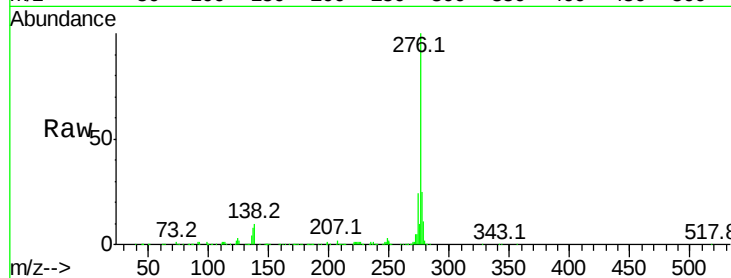
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.589 ng
 RT: 28.56 min Scan# 4302
 Delta R.T. -0.09 min
 Lab File: BG035404.D
 Acq: 26 Jun 2018 9:01

Instrument :
 BNA_G
 ClientSampleId :
 PB110513BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.8	16.0	24.0#
277	25.8	20.0	30.0

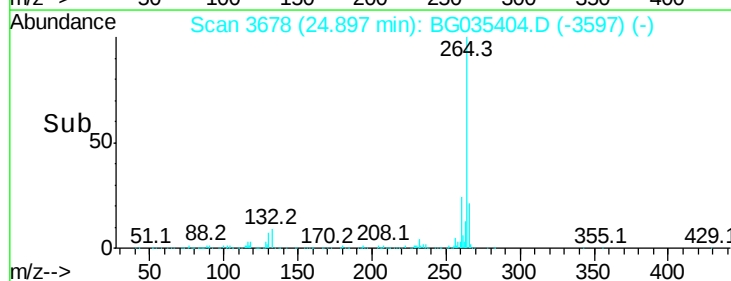
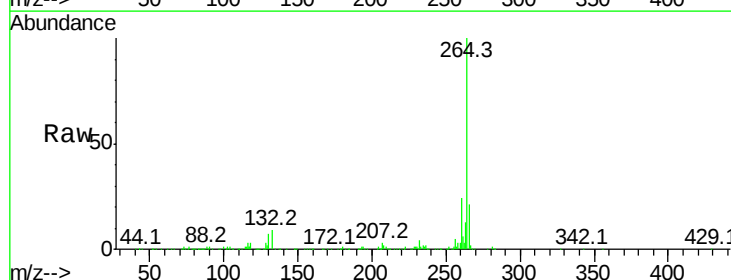
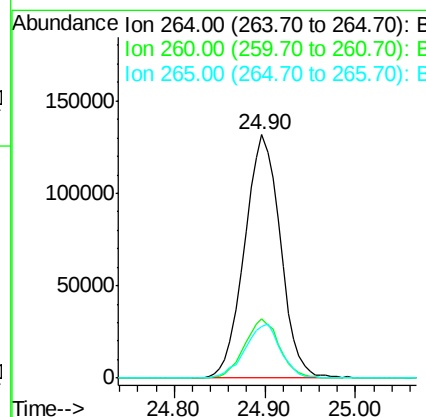
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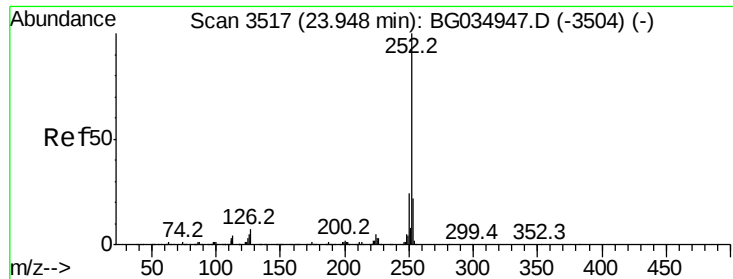
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3678
 Delta R.T. -0.06 min
 Lab File: BG035404.D
 Acq: 26 Jun 2018 9:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	21.3	17.7	26.5





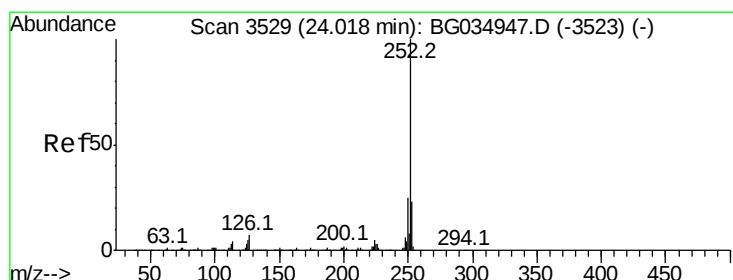
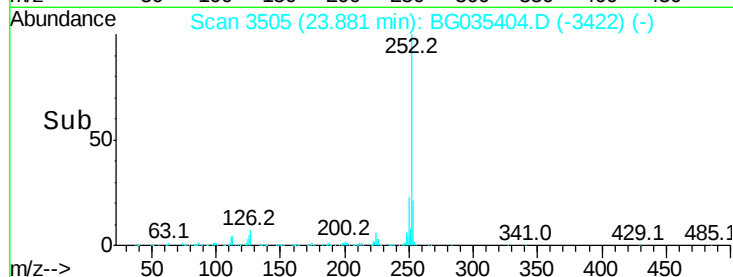
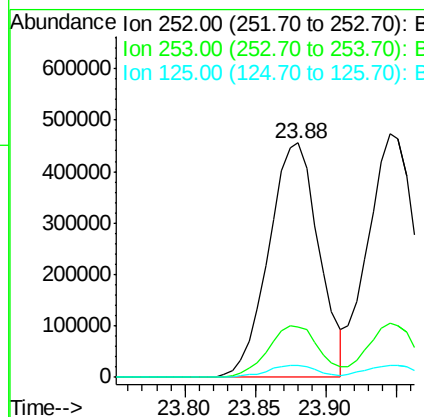
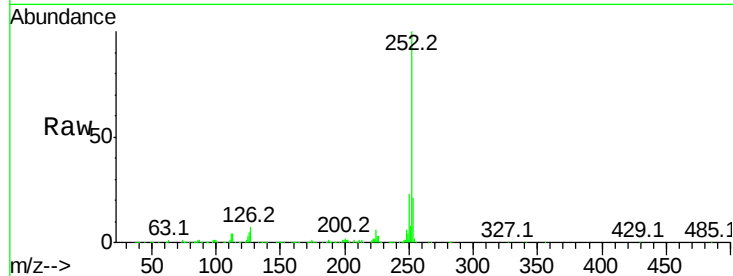
#87
Benzo(b)fluoranthene
Concen: 50.700 ng
RT: 23.88 min Scan# 3505
Delta R.T. -0.04 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Instrument :
BNA_G
ClientSampleId :
PB110513BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.2	27.4
125	5.2	7.2	10.8

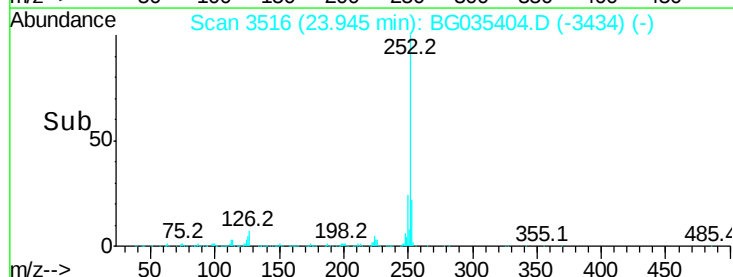
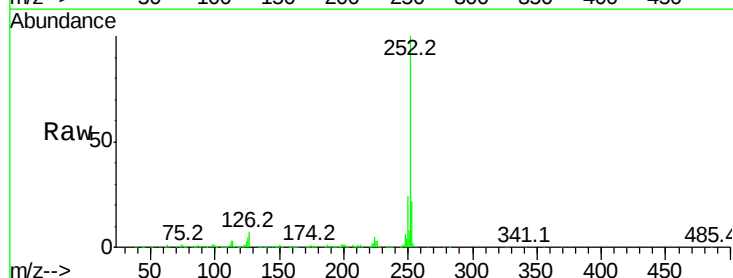
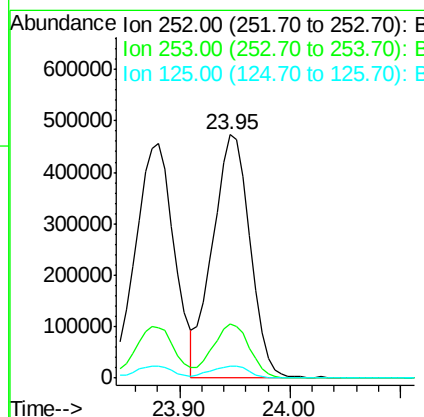
Manual Integrations
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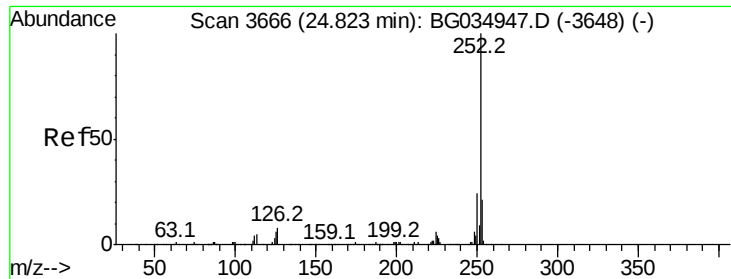
Sohil
6/27/2018 10:48:31 AM



#88
Benzo(k)fluoranthene
Concen: 50.737 ng
RT: 23.95 min Scan# 3516
Delta R.T. -0.05 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	5.1	6.6	9.8





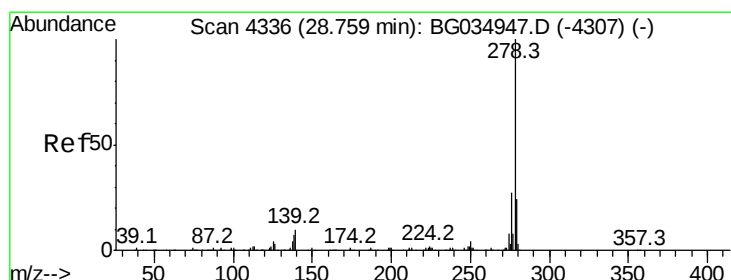
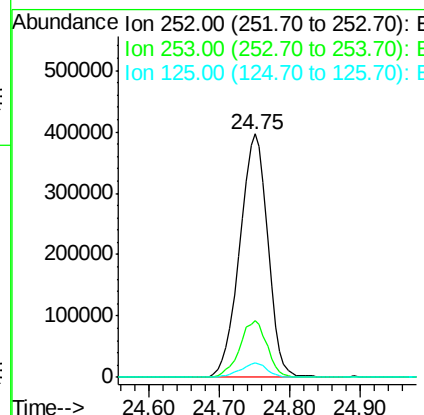
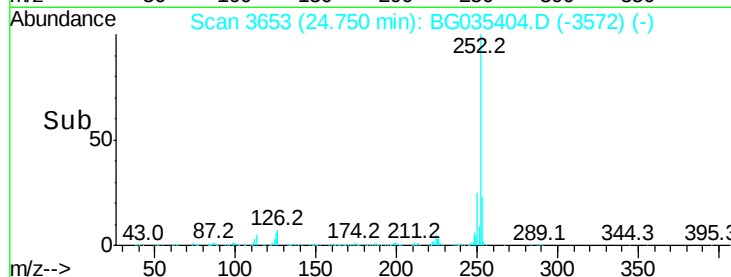
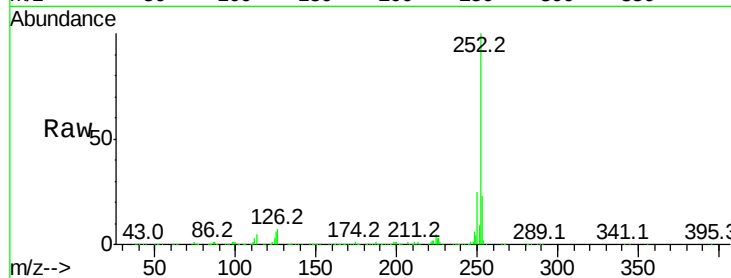
#89
Benzo(a)pyrene
Concen: 52.366 ng
RT: 24.75 min Scan# 3653
Delta R.T. -0.06 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Instrument :
BNA_G
ClientSampleId :
PB110513BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	5.7	7.3	10.9

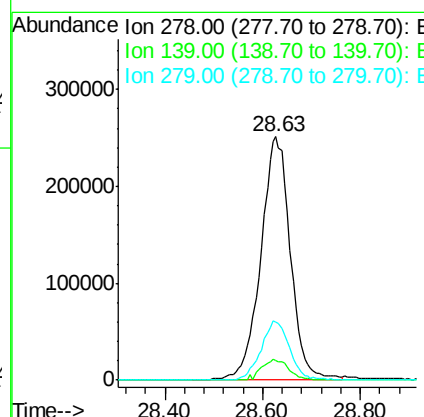
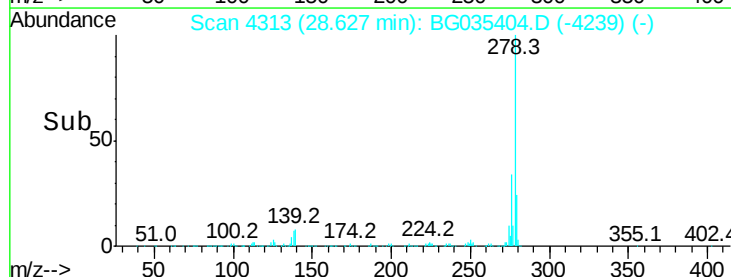
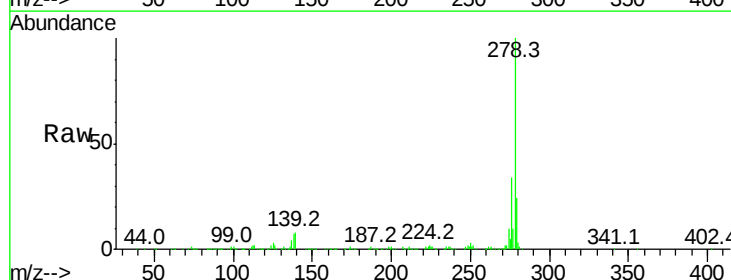
Manual Integrations
APPROVED

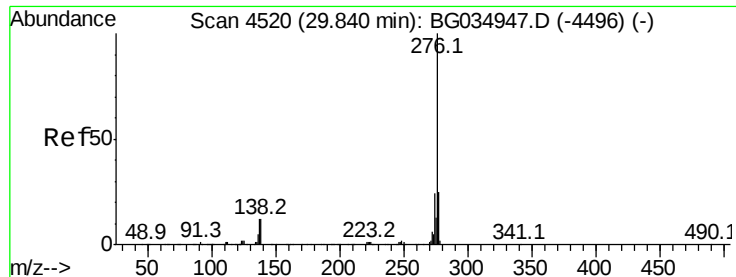
Sohil
6/27/2018 10:48:31 AM



#90
Dibenzo(a,h)anthracene
Concen: 51.435 ng
RT: 28.63 min Scan# 4313
Delta R.T. -0.10 min
Lab File: BG035404.D
Acq: 26 Jun 2018 9:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.3	9.8	14.6
279	23.9	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 53.528 ng
 RT: 29.73 min Scan# 4500
 Delta R.T. -0.08 min
 Lab File: BG035404.D
 Acq: 26 Jun 2018 9:01

Instrument :
 BNA_G
 ClientSampleId :
 PB110513BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.3	27.5
138	10.3	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 6/27/2018 10:48:31 AM

