

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031171.D
 Acq On : 22 Nov 2017 3:29
 Operator : SJ/JU
 Sample : PB104448BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104448BSD

Manual Integrations
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Sohil
 11/22/2017 4:35:28 PM

Quant Time: Nov 22 15:26:43 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	60035	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	263179	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	177677	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	442039	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	498047	20.00	ng	-0.01
86) Perylene-d12	25.07	264	497153	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	312525	89.27	ng	-0.01
7) Phenol-d6	7.31	99	408963	86.71	ng	0.00
23) Nitrobenzene-d5	9.30	82	358515	80.72	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	190015	66.11	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1026868	83.04	ng	-0.02
78) Terphenyl-d14	20.09	244	1624963	72.04	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	49757	35.021	ng	# 81
3) Pyridine	3.95	79	155553	37.713	ng	90
4) n-Nitrosodimethylamine	3.86	42	71064	36.353	ng	# 88
6) Aniline	7.45	93	209603	33.767	ng	93
8) 2-Chlorophenol	7.71	128	186222	48.199	ng	89
9) Benzaldehyde	7.27	77	48524	14.701	ng	83
10) Phenol	7.34	94	240013	48.999	ng	93
11) bis(2-Chloroethyl)ether	7.55	93	164156	41.972	ng	89
12) 1,3-Dichlorobenzene	8.02	146	189217	41.742	ng	95
13) 1,4-Dichlorobenzene	8.17	146	195271	42.510	ng	95
14) 1,2-Dichlorobenzene	8.49	146	185200	42.005	ng	96
15) Benzyl Alcohol	8.38	79	160214	42.347	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.66	45	239618	55.467	ng	90
17) 2-Methylphenol	8.59	107	159778	46.842	ng	97
18) Hexachloroethane	9.22	117	66267	41.449	ng	93
19) n-Nitroso-di-n-propylamine	8.94	70	131945	36.791	ng	# 92
20) 3+4-Methylphenols	8.92	107	222558	45.886	ng	94
22) Acetophenone	8.96	105	259501	39.601	ng	# 92
24) Nitrobenzene	9.35	77	194869	42.952	ng	91
25) Isophorone	9.87	82	368736	42.570	ng	# 92
26) 2-Nitrophenol	10.06	139	109468	46.290	ng	# 89
27) 2,4-Dimethylphenol	10.12	122	182779	52.062	ng	91
28) bis(2-Chloroethoxy)methane	10.34	93	237895	43.607	ng	97
29) 2,4-Dichlorophenol	10.60	162	209399	49.670	ng	92
30) 1,2,4-Trichlorobenzene	10.81	180	222210	44.148	ng	97
31) Naphthalene	11.00	128	554070	42.826	ng	99
32) Benzoic acid	10.29	122	98947	35.509	ng	# 80
33) 4-Chloroaniline	11.11	127	145351	25.664	ng	94
34) Hexachlorobutadiene	11.28	225	144256	41.326	ng	95
35) Caprolactam	11.88	113	68327m	39.675	ng	
36) 4-Chloro-3-methylphenol	12.24	107	206012	44.898	ng	# 85
37) 2-Methylnaphthalene	12.59	142	447689	44.825	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	277424	39.340	ng	97
40) Hexachlorocyclopentadiene	12.94	237	230487	87.258	ng	92

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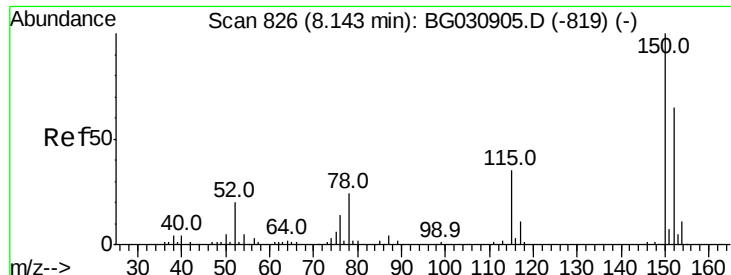
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	186761	46.327	ng	99
43) 2,4,5-Trichlorophenol	13.29	196	198853	45.083	ng	# 93
45) 1,1'-Biphenyl	13.59	154	594247	40.333	ng	96
46) 2-Chloronaphthalene	13.64	162	481033	45.251	ng	96
47) 2-Nitroaniline	13.85	65	132141	41.939	ng	# 82
48) Acenaphthylene	14.48	152	735325	42.263	ng	99
49) Dimethylphthalate	14.20	163	634874	41.326	ng	100
50) 2,6-Dinitrotoluene	14.33	165	144623	45.673	ng	# 75
51) Acenaphthene	14.82	154	454673	41.843	ng	98
52) 3-Nitroaniline	14.67	138	101003	30.041	ng	# 77
53) 2,4-Dinitrophenol	14.88	184	176011	99.495	ng	# 46
54) Dibenzofuran	15.16	168	745003	43.044	ng	100
55) 4-Nitrophenol	14.99	139	202781	84.667	ng	# 79
56) 2,4-Dinitrotoluene	15.12	165	207789	45.392	ng	# 73
57) Fluorene	15.80	166	596944	42.482	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.39	232	188507	44.842	ng	# 90
59) Diethylphthalate	15.56	149	632182	40.511	ng	97
60) 4-Chlorophenyl-phenylether	15.79	204	354552	41.779	ng	91
61) 4-Nitroaniline	15.83	138	150896	42.384	ng	86
62) Azobenzene	16.08	77	505445	42.470	ng	93
64) 4,6-Dinitro-2-methylphenol	15.89	198	124967	42.532	ng	76
65) n-Nitrosodiphenylamine	16.00	169	557207	41.599	ng	99
66) 4-Bromophenyl-phenylether	16.68	248	235006	41.976	ng	98
67) Hexachlorobenzene	16.81	284	238328	40.063	ng	95
68) Atrazine	16.94	200	208212	37.674	ng	98
69) Pentachlorophenol	17.15	266	241118	73.325	ng	99
70) Phenanthrene	17.54	178	1007353	43.768	ng	99
71) Anthracene	17.64	178	1033243	44.803	ng	99
72) Carbazole	17.90	167	944933	43.729	ng	99
73) Di-n-butylphthalate	18.44	149	1090784	41.112	ng	100
74) Fluoranthene	19.54	202	1297436	44.523	ng	98
76) Benzidine	19.72	184	812480	50.785	ng	98
77) Pyrene	19.90	202	1320549	44.683	ng	96
79) Butylbenzylphthalate	20.76	149	520397	44.162	ng	86
80) Benzo(a)anthracene	21.75	228	1336168	43.191	ng	98
81) 3,3'-Dichlorobenzidine	21.65	252	438500	35.114	ng	97
82) Chrysene	21.82	228	1263350	44.146	ng	96
83) Bis(2-ethylhexyl)phthalate	21.63	149	734248	43.166	ng	100
84) Di-n-octyl phthalate	22.85	149	1262845	45.614	ng	# 93
85) Indeno(1,2,3-cd)pyrene	28.87	276	1478026	42.484	ng	98
87) Benzo(b)fluoranthene	24.02	252	1366907	45.453	ng	98
88) Benzo(k)fluoranthene	24.09	252	1293327	43.388	ng	97
89) Benzo(a)pyrene	24.92	252	1303925	45.642	ng	99
90) Dibenzo(a,h)anthracene	28.92	278	1226276	41.995	ng	96
91) Benzo(g,h,i)perylene	30.06	276	1203148	42.453	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 825

Delta R.T. -0.02 min

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Instrument :

BNA_G

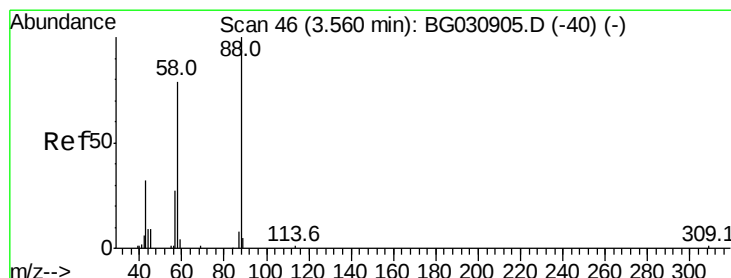
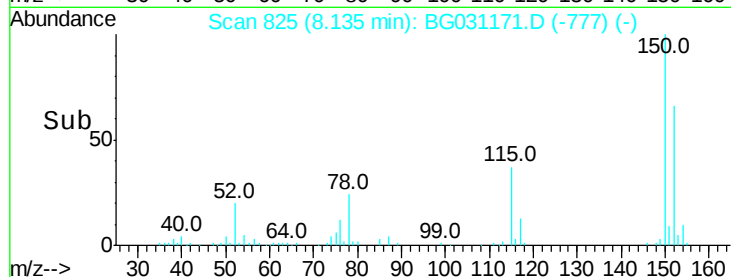
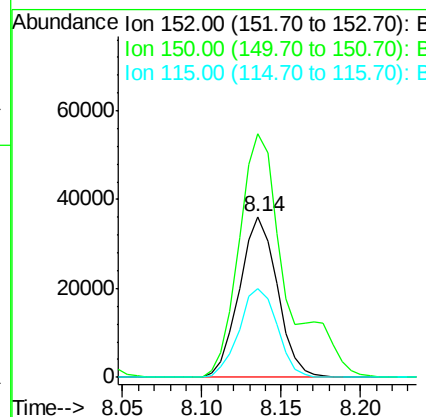
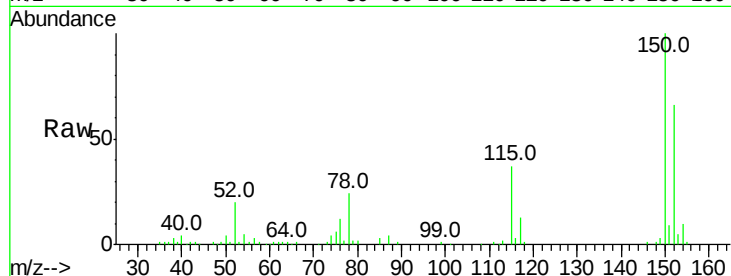
ClientSampleId :

PB104448BSD

Tot Ion:	152	Resp:	60035
Ion Ratio	Lower	Upper	
152	100		
150	151.4	126.6	189.8
115	55.4	53.0	79.4

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#2

1,4-Dioxane

Concen: 35.021 ng

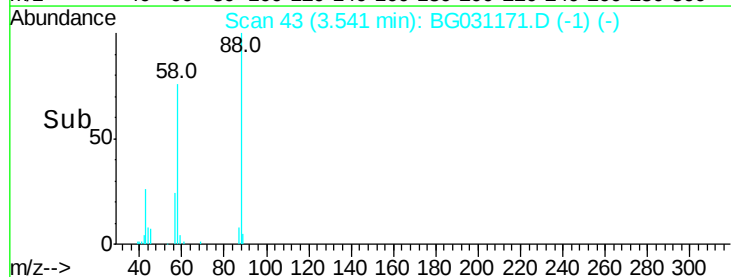
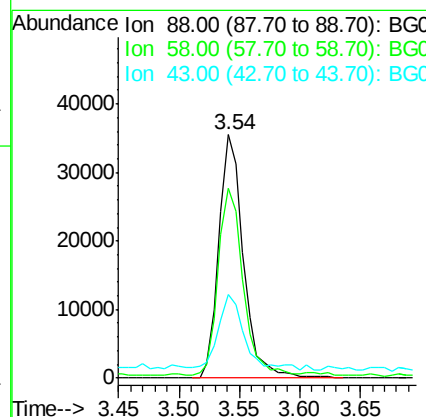
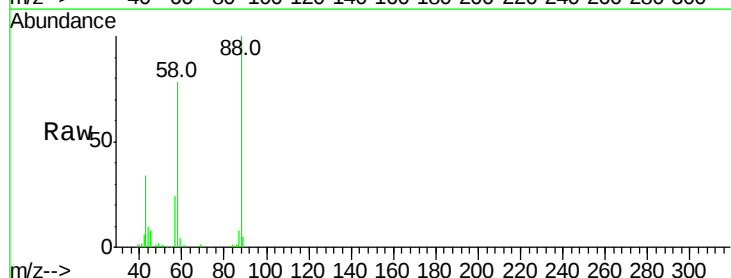
RT: 3.54 min Scan# 43

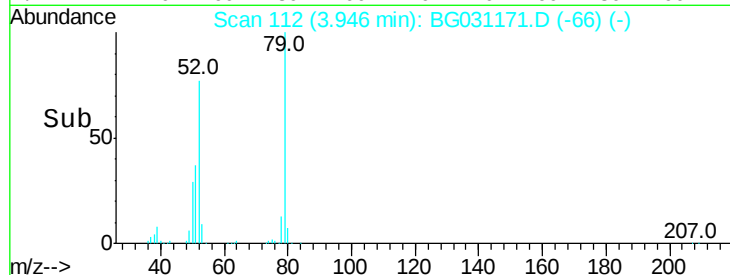
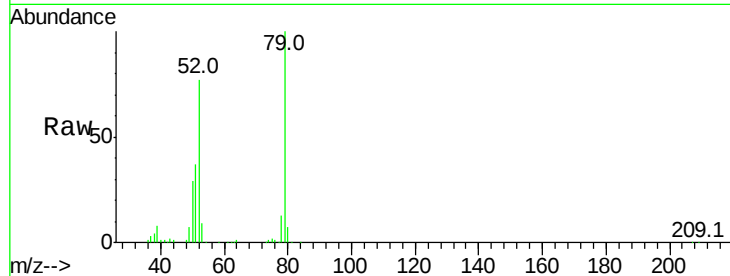
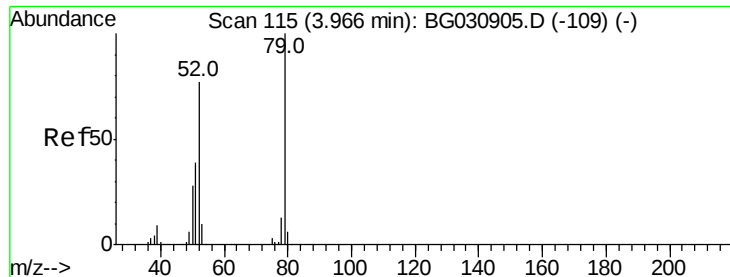
Delta R.T. -0.03 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Tgt Ion:	88	Resp:	49757
Ion Ratio	Lower	Upper	
88	100		
58	77.4	79.6	119.4#
43	28.4	27.4	41.0





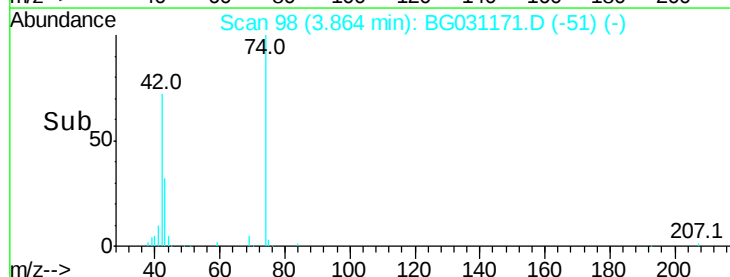
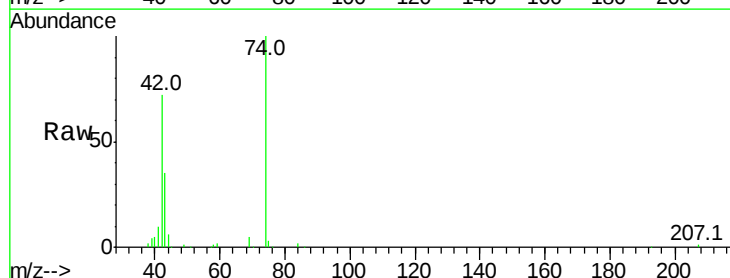
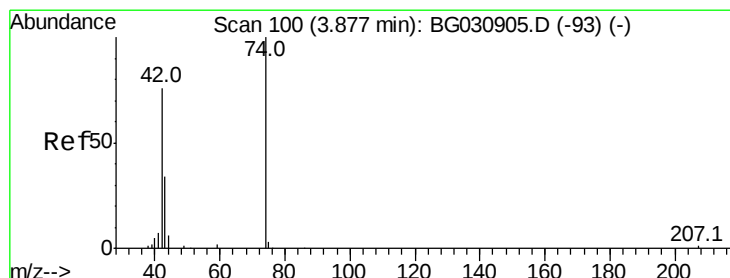
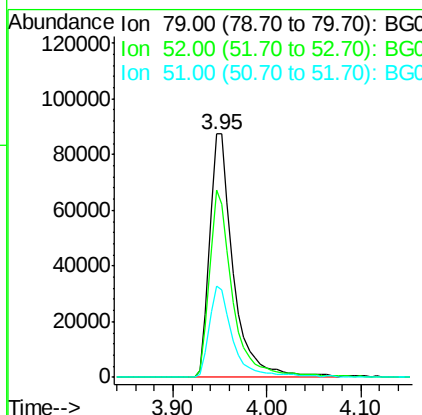
#3
 Pvridine
 Concen: 37.713 ng
 RT: 3.95 min Scan# 112
 Delta R.T. -0.03 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	77.2	69.9	104.9	
51	37.4	34.0	51.0	

Instrument :
 BNA_G
 ClientSampleId :
 PB104448BSD

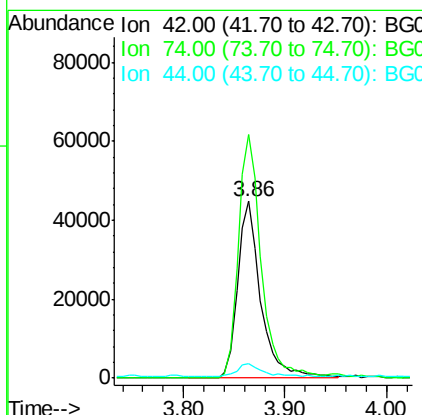
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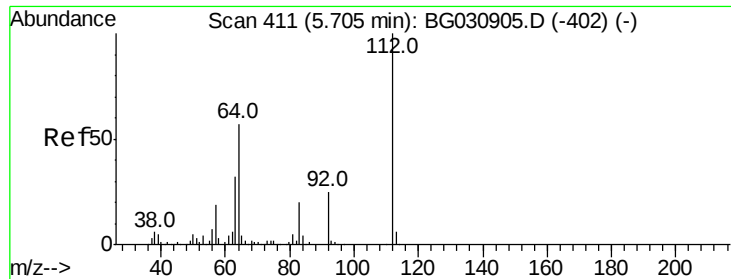
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#4
 n-Nitrosodimethylamine
 Concen: 36.353 ng
 RT: 3.86 min Scan# 98
 Delta R.T. -0.02 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	138.0	102.5	153.7	
44	7.9	18.9	28.3	





#5

2-Fluorophenol

Concen: 89.265 ng

RT: 5.70 min Scan# 410

Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

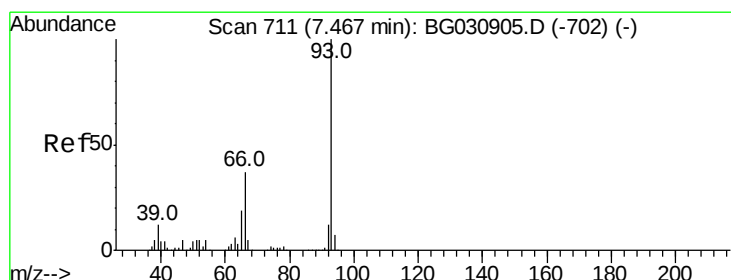
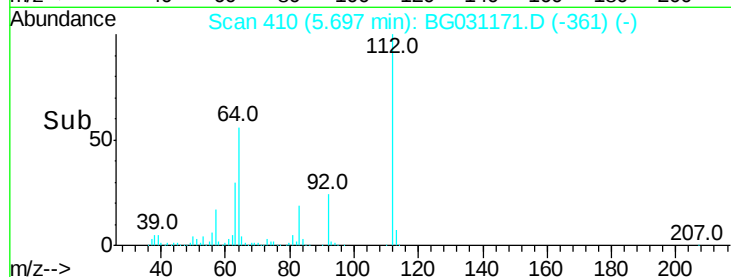
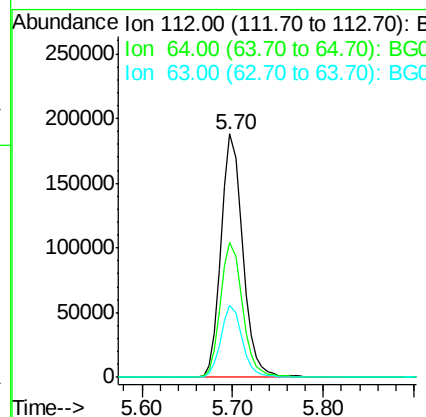
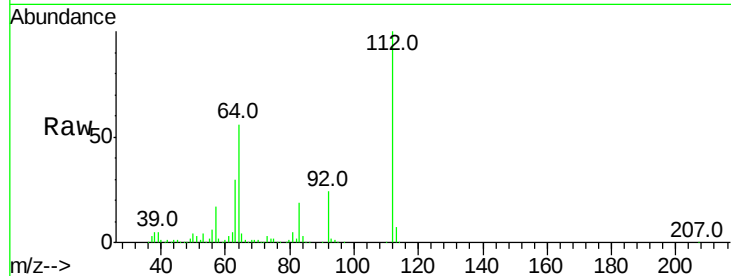
ClientSampleId :

PB104448BSD

Tot Ion:	112	Resp:	312525
Ion Ratio	Lower	Upper	
112	100		
64	55.5	56.3	84.5#
63	29.7	30.1	45.1#

Manual Integrations
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#6

Aniline

Concen: 33.767 ng

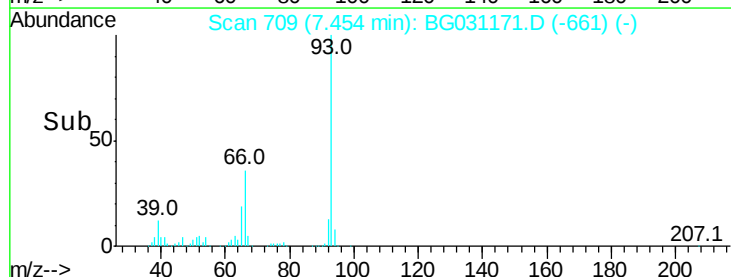
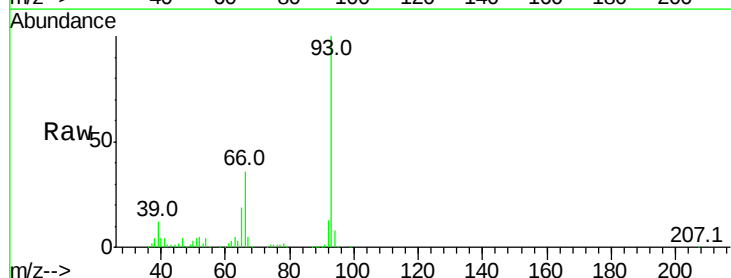
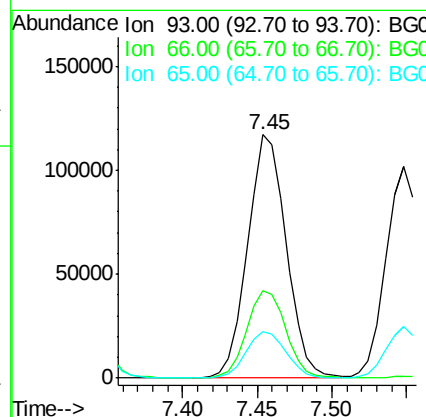
RT: 7.45 min Scan# 709

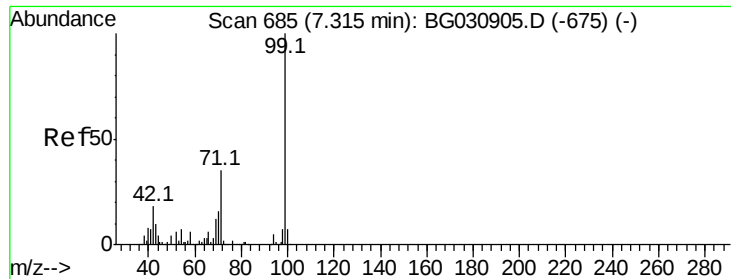
Delta R.T. -0.02 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Tgt Ion:	93	Resp:	209603
Ion Ratio	Lower	Upper	
93	100		
66	35.9	33.7	50.5
65	19.2	16.1	24.1





#7

Phenol-d6

Concen: 86.705 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

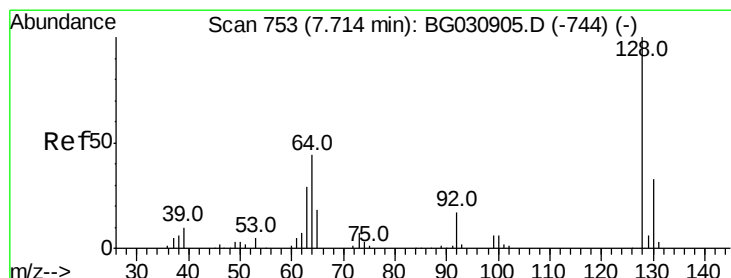
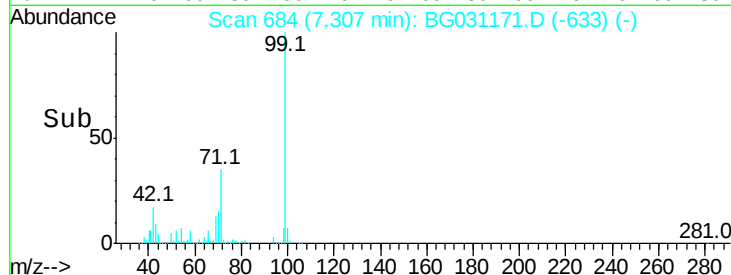
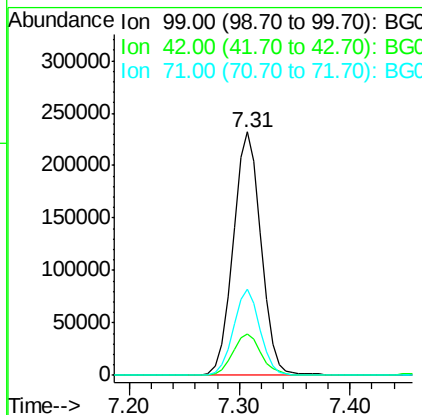
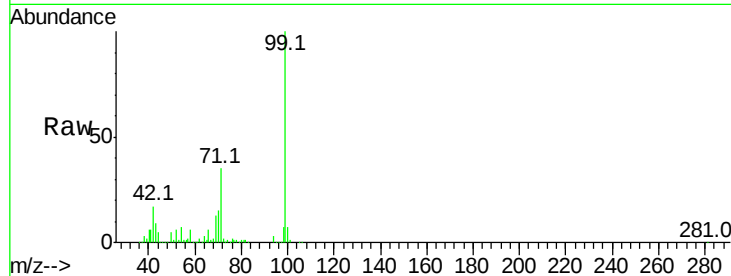
ClientSampleId :

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Tot Ion	99	Resp	408963
Ion Ratio	Lower	Upper	
99	100		
42	17.2	14.1	21.1
71	35.2	26.1	39.1

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#8

2-Chlorophenol

Concen: 48.199 ng

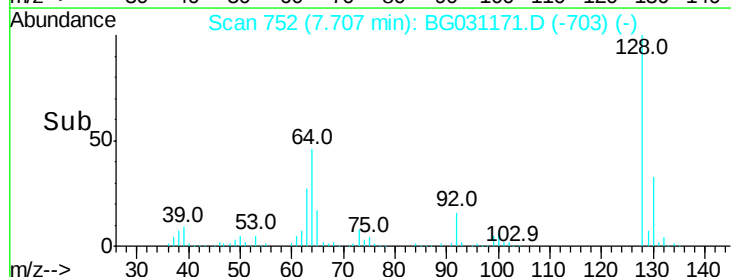
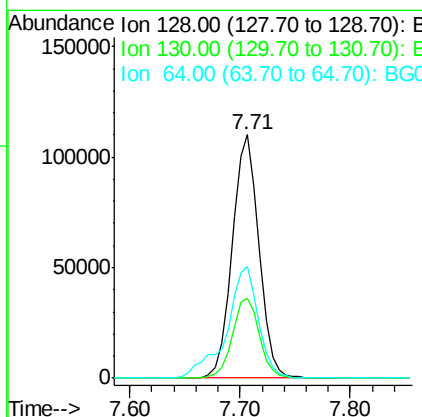
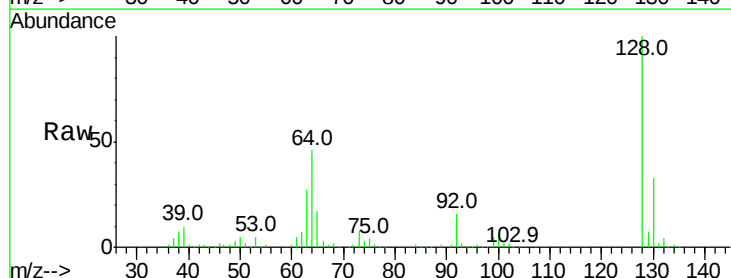
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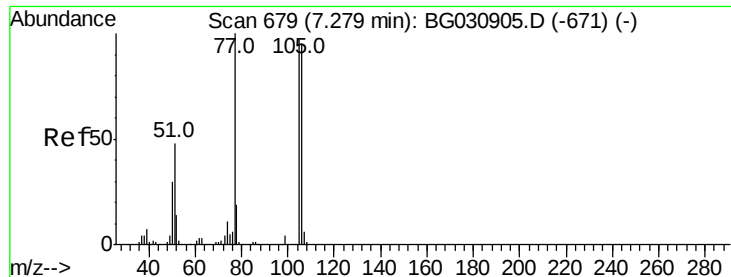
Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Tgt Ion	128	Resp	186222
Ion Ratio	Lower	Upper	
128	100		
130	32.6	14.0	54.0
64	45.9	37.7	77.7





#9

Benzaldehyde

Concen: 14.701 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.02 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

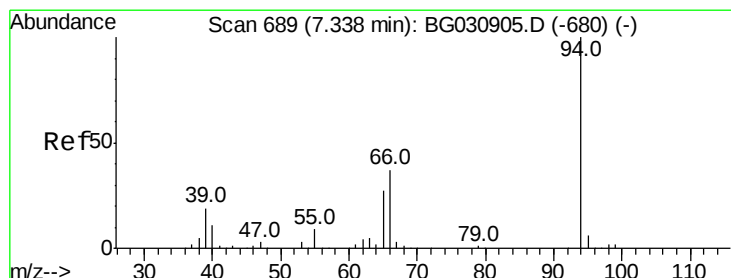
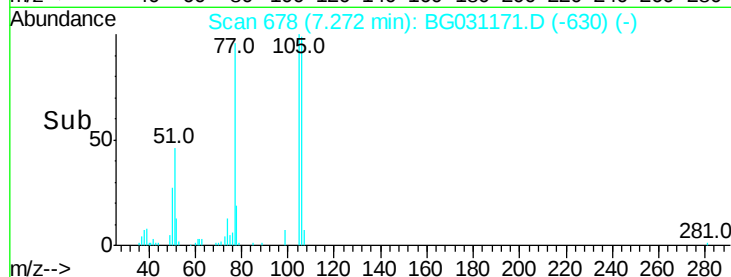
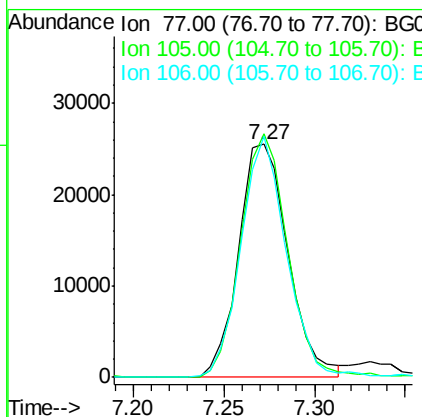
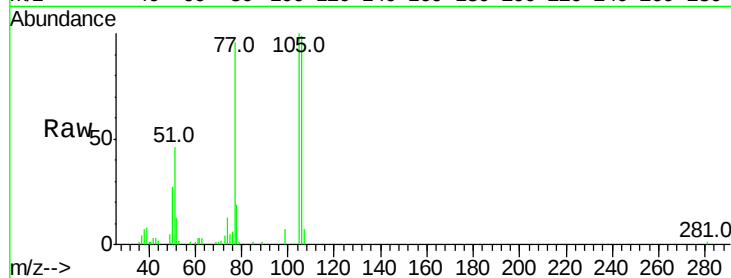
ClientSampleId :

PB104448BSD

Tot Ion:	77	Resp:	48524
Ion	Ratio	Lower	Upper
77	100		
105	104.5	71.3	111.3
106	103.3	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 48.999 ng

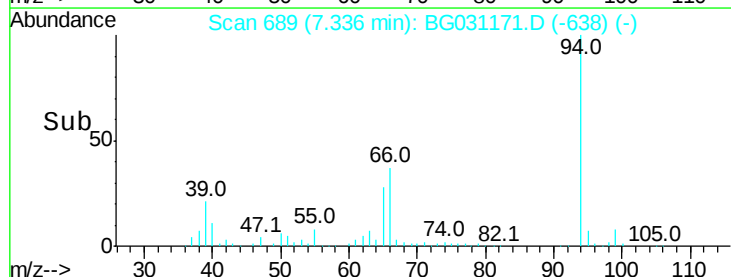
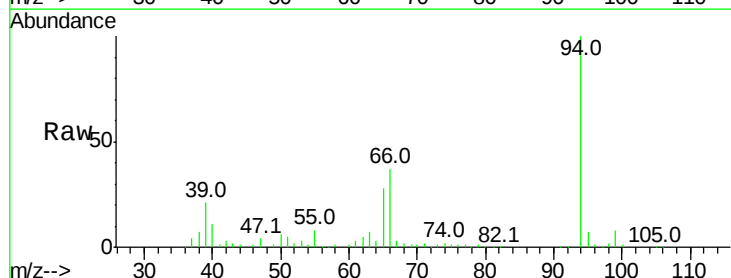
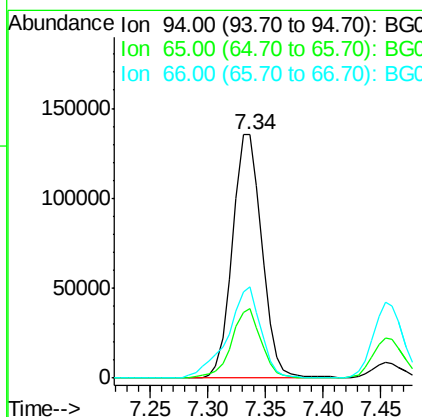
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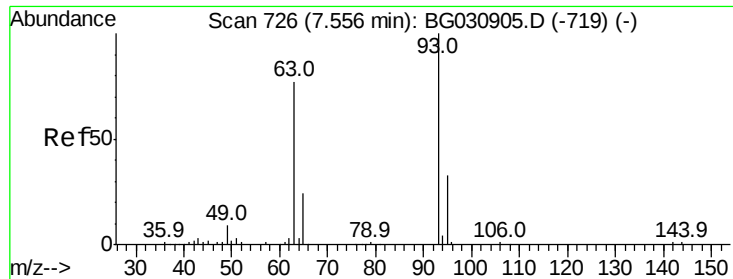
Delta R.T. 0.00 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Tgt Ion:	94	Resp:	240013
Ion	Ratio	Lower	Upper
94	100		
65	28.4	11.9	51.9
66	37.4	22.2	62.2





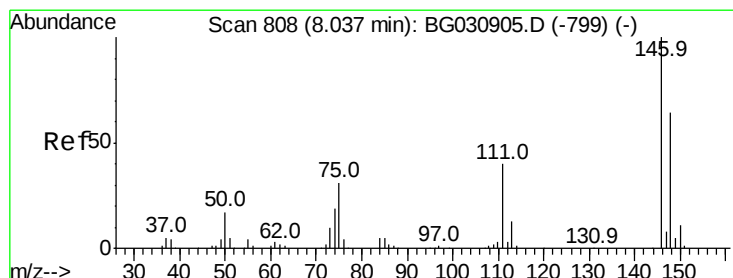
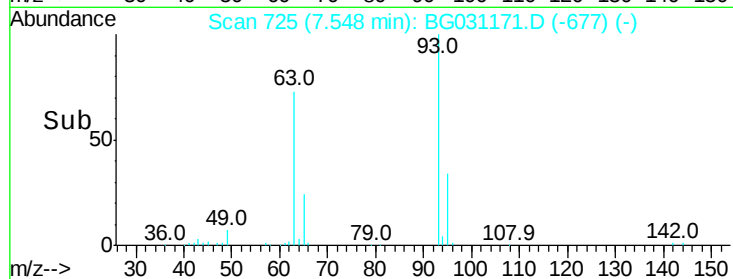
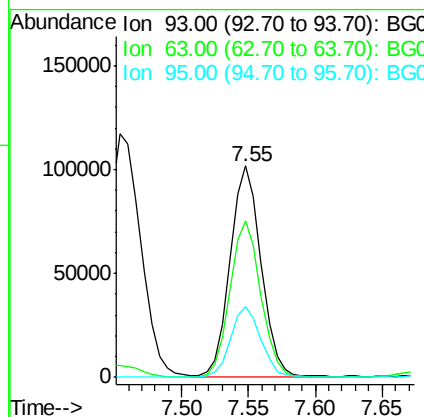
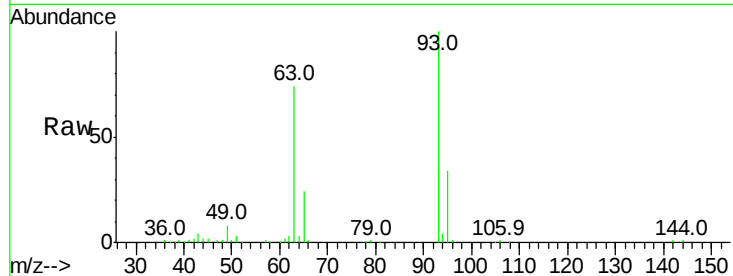
#11
bis(2-Chloroethyl)ether
Concen: 41.972 ng
RT: 7.55 min Scan# 725
Delta R.T. -0.02 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Instrument :
BNA_G
ClientSampleId :
PB104448BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	164156		
63	74.2		67.1	107.1
95	33.6		11.5	51.5

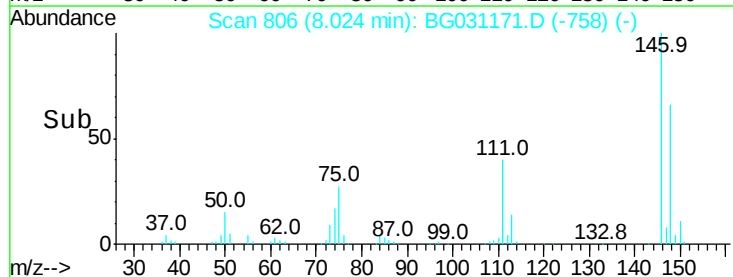
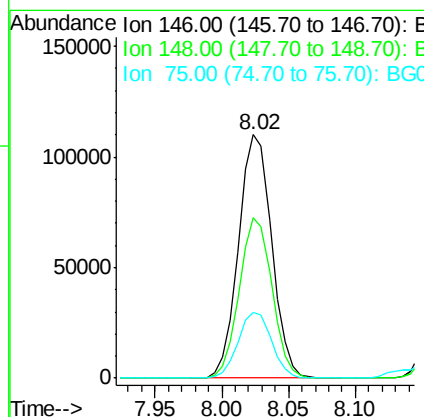
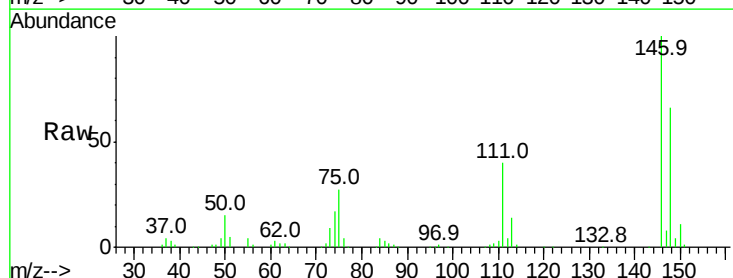
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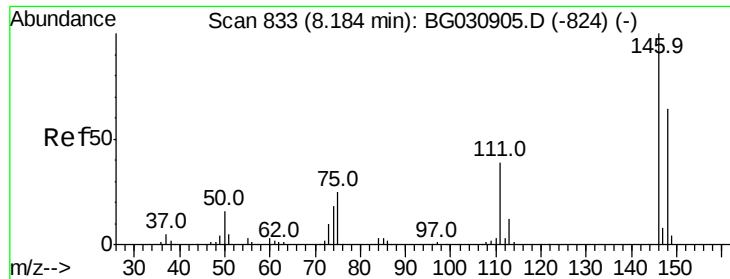
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#12
1,3-Dichlorobenzene
Concen: 41.742 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.02 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	189217		
148	65.7		51.4	77.2
75	27.0		26.6	39.8





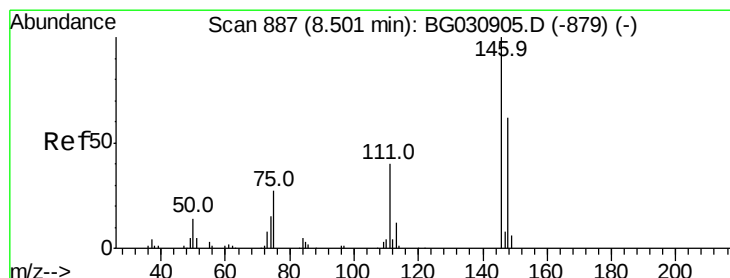
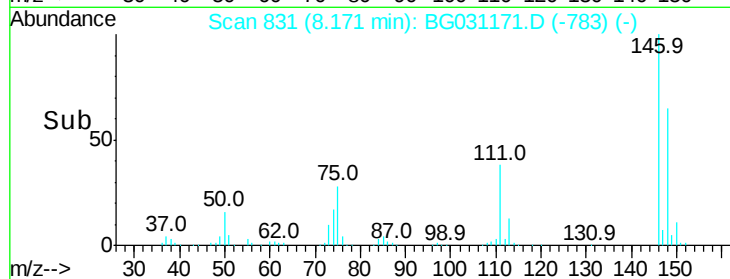
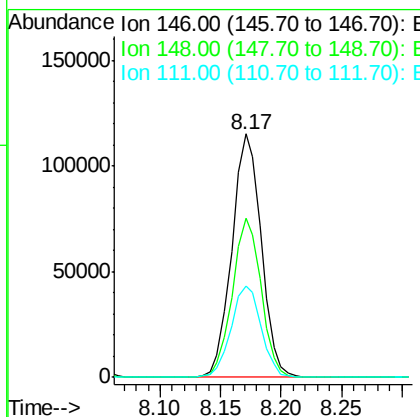
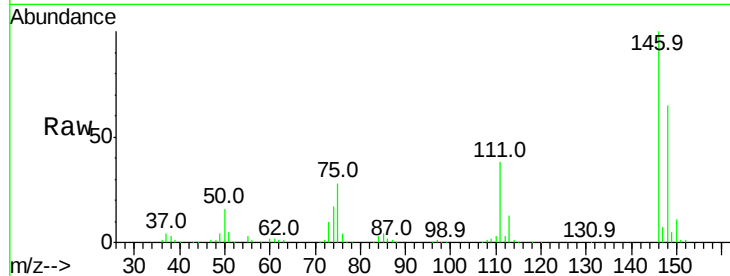
#13
 1,4-Dichlorobenzene
 Concen: 42.510 ng
 RT: 8.17 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Instrument :
 BNA_G
 ClientSampleID :
 PB104448BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	53.7	80.5
111	37.5	35.2	52.8

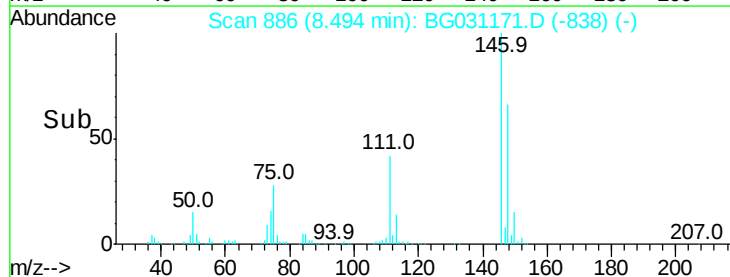
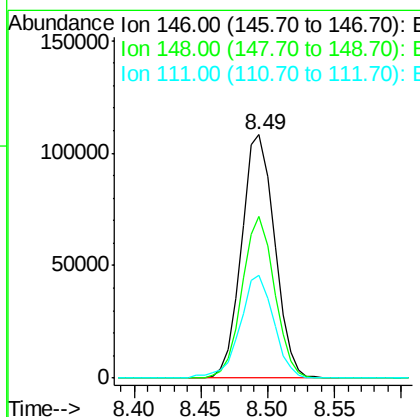
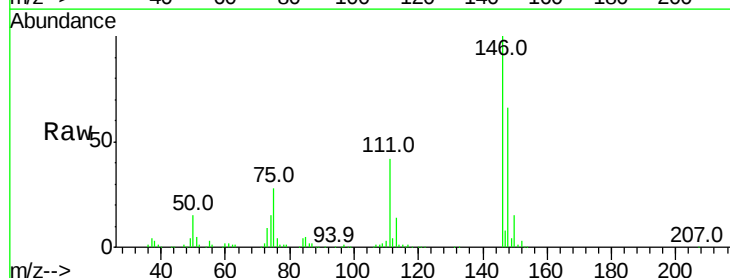
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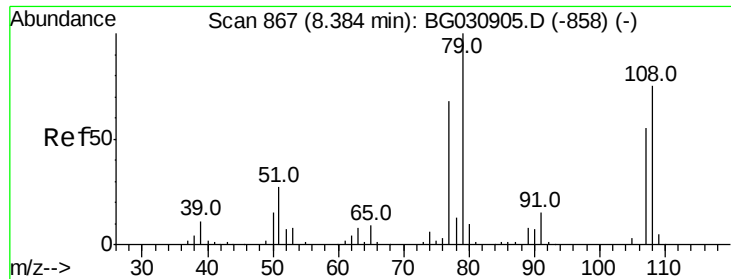
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#14
 1,2-Dichlorobenzene
 Concen: 42.005 ng
 RT: 8.49 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	49.3	73.9
111	42.4	34.3	51.5





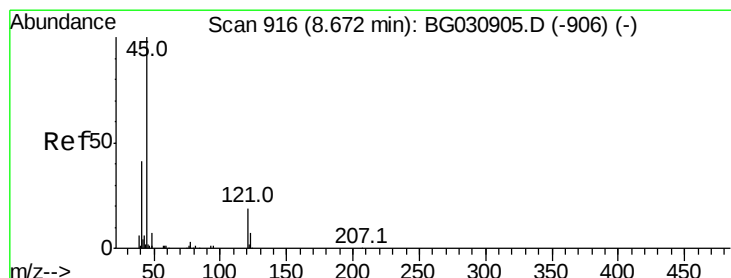
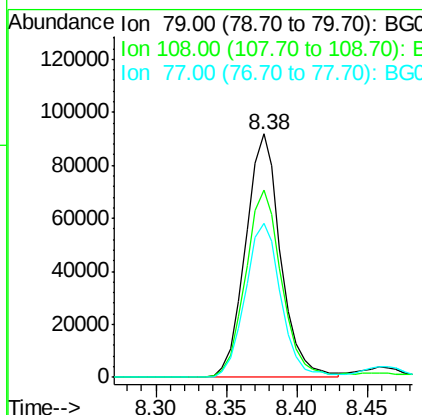
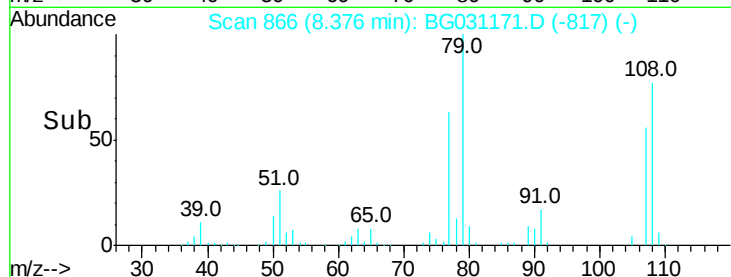
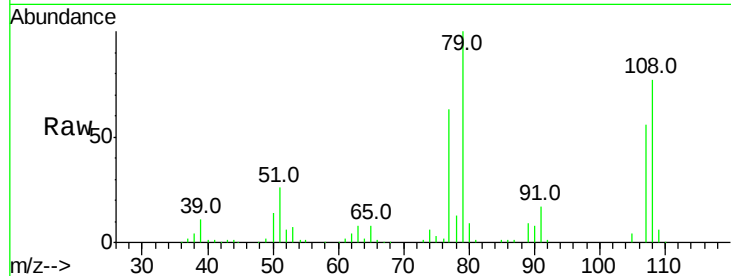
#15
Benzyl Alcohol
Concen: 42.347 ng
RT: 8.38 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Instrument :
BNA_G
ClientSampleId :
PB104448BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.0	57.2	85.8
77	63.1	46.1	69.1

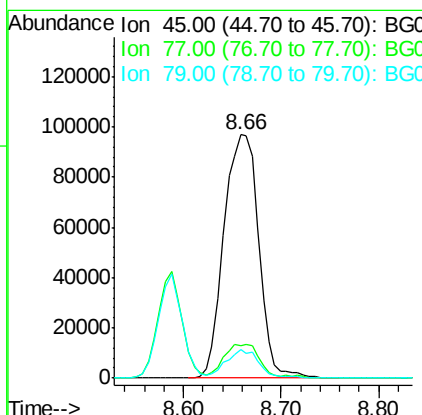
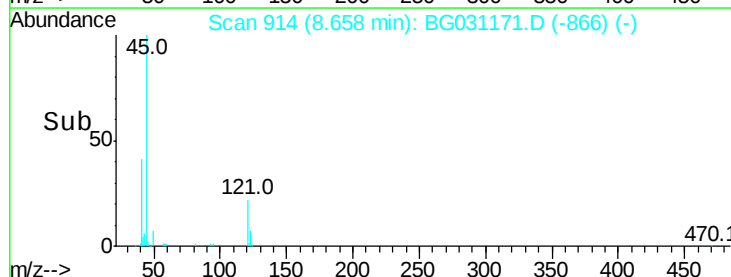
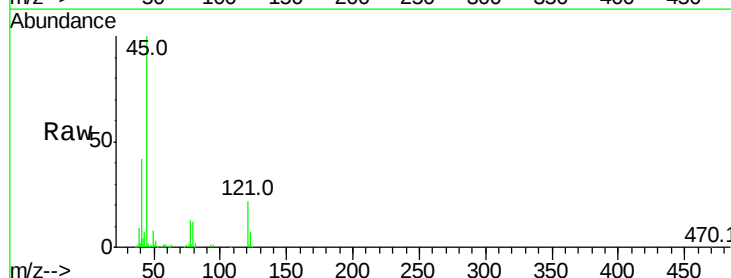
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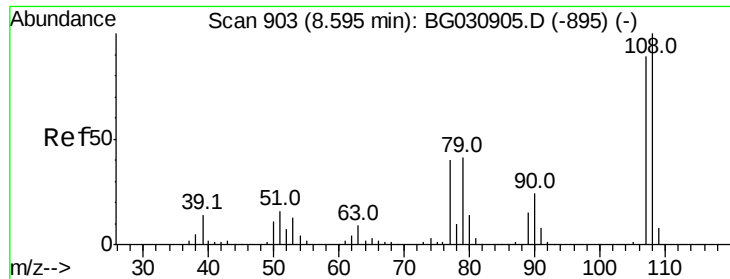
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#16
2,2'-oxybis(1-chloropropane)
Concen: 55.467 ng
RT: 8.66 min Scan# 914
Delta R.T. -0.02 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.4	0.0	30.2
79	11.8	0.0	27.9





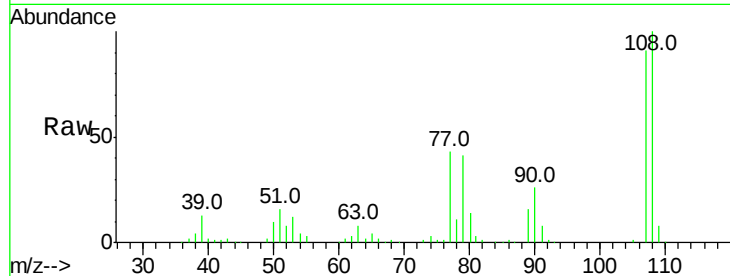
#17
2-Methylphenol
Concen: 46.842 ng
RT: 8.59 min Scan# 902
Delta R.T. -0.01 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Instrument :
BNA_G
ClientSampleId :
PB104448BSD

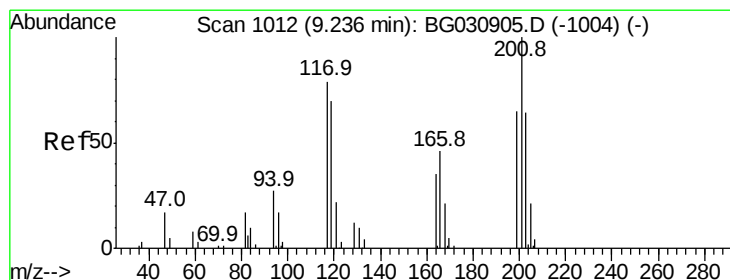
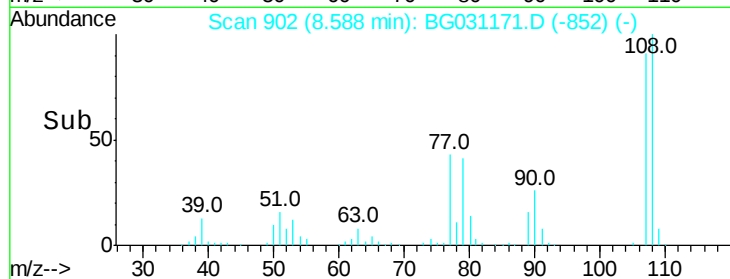
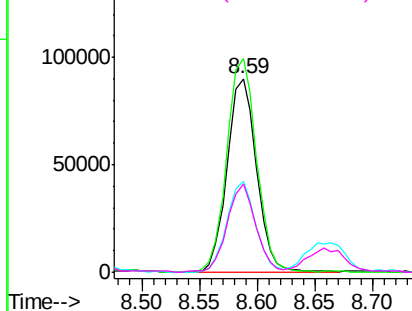
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.5	83.9	125.9	
77	47.1	37.2	55.8	
79	45.8	36.2	54.2	

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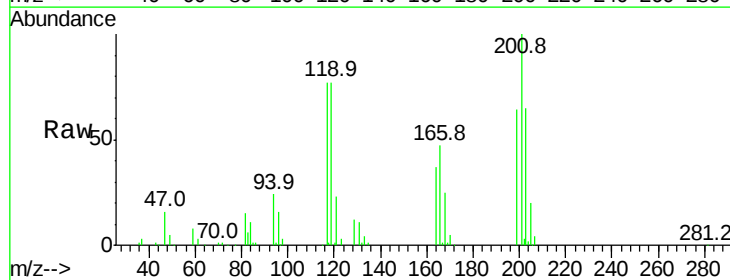


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

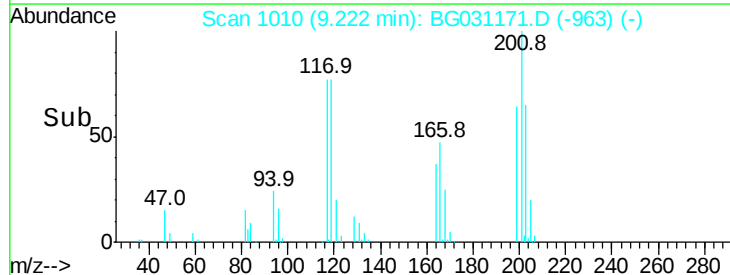
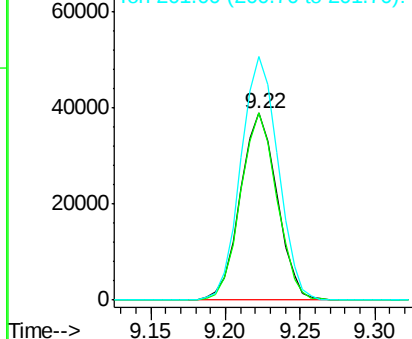


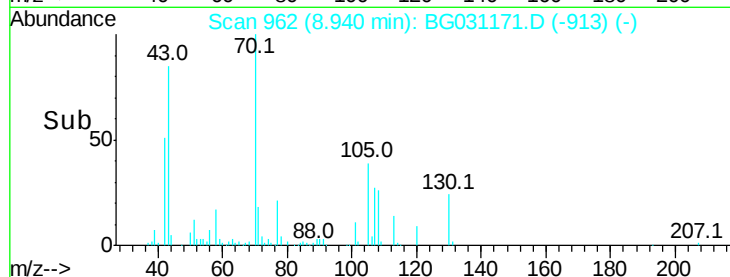
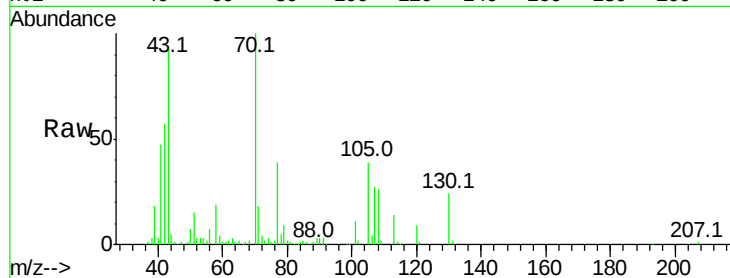
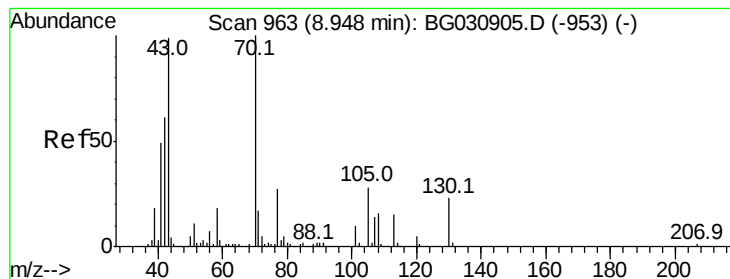
#18
Hexachloroethane
Concen: 41.449 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.0	76.7	115.1	
201	130.4	95.7	143.5	



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





#19

n-Nitroso-di-n-propylamine

Concen: 36.791 ng

RT: 8.94 min Scan# 962

Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

ClientSampleId :

PB104448BSD

Tot Ion: 70 Resp: 131945

Ion Ratio Lower Upper

70 100

42 56.6 49.1 73.7

101 10.6 8.5 12.7

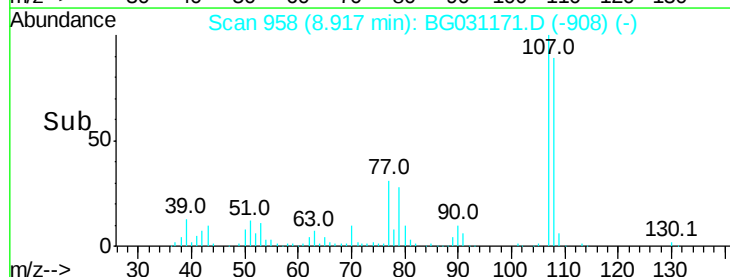
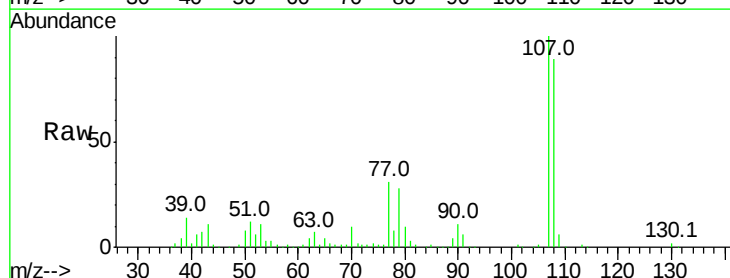
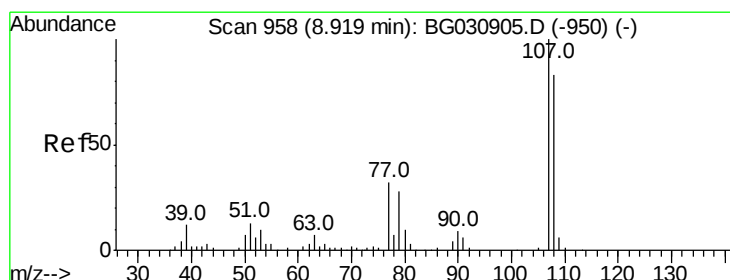
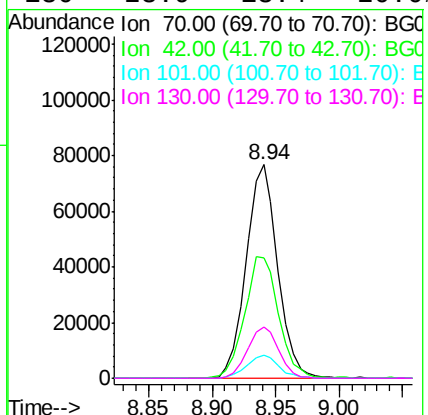
130 23.9 13.4 20.0#

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#20

3+4-Methylphenols

Concen: 45.886 ng

RT: 8.92 min Scan# 958

Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Tgt Ion: 107 Resp: 222558

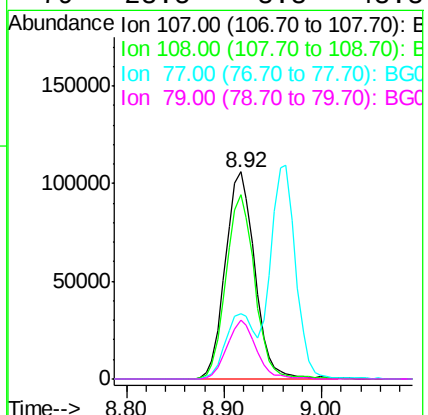
Ion Ratio Lower Upper

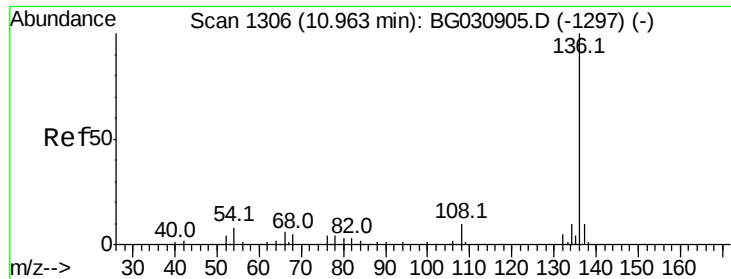
107 100

108 89.1 61.6 101.6

77 31.4 13.9 53.9

79 28.5 8.8 48.8





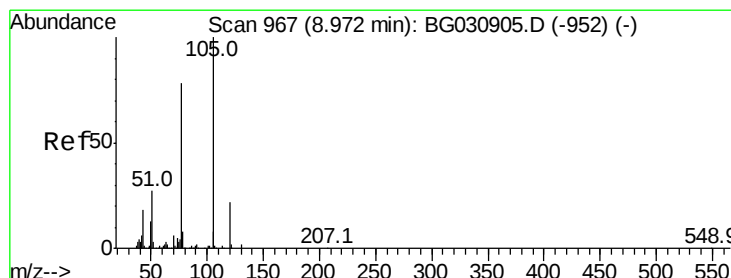
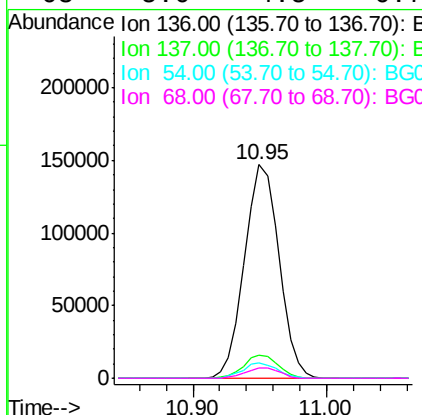
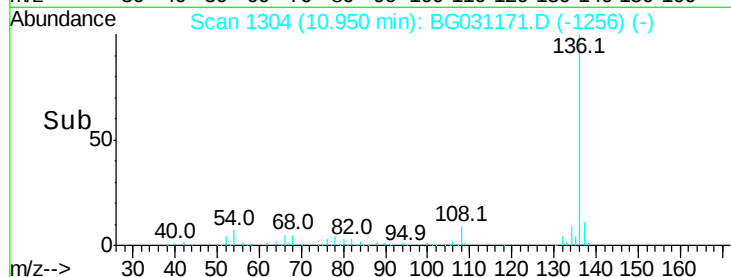
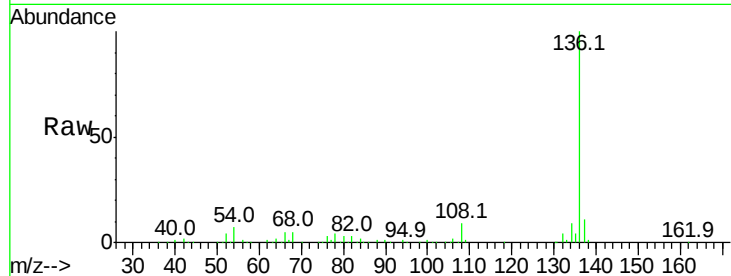
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Instrument :
BNA_G
ClientSampleId :
PB104448BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	263179		
137	10.9	9.2	13.8	
54	7.5	10.3	15.5	
68	5.0	4.5	6.7	

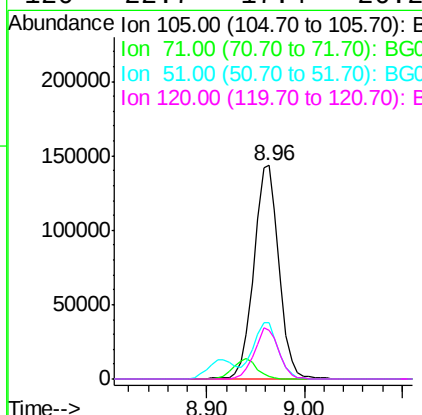
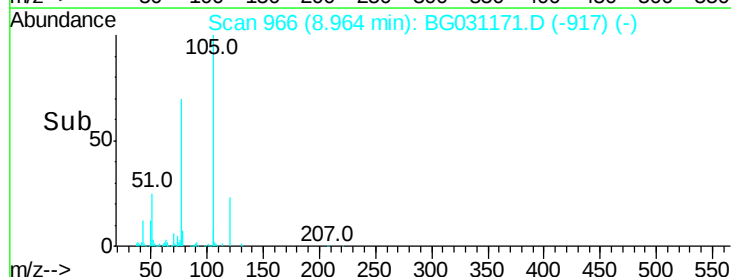
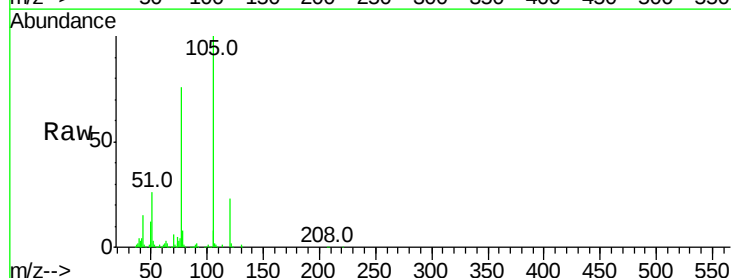
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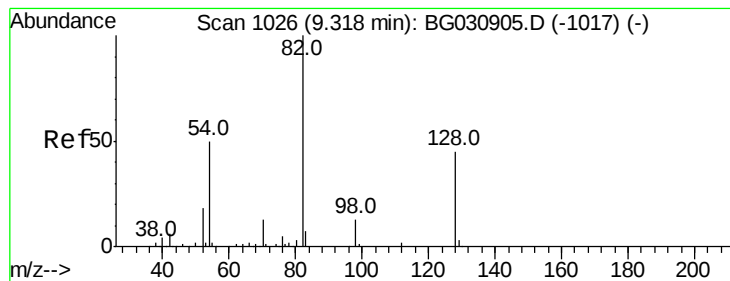
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#22
Acetophenone
Concen: 39.601 ng
RT: 8.96 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	259501		
71	1.0	3.0	4.4	
51	26.3	26.1	39.1	
120	22.7	17.4	26.2	





#23

Nitrobenzene-d5

Concen: 80.722 ng

RT: 9.30 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

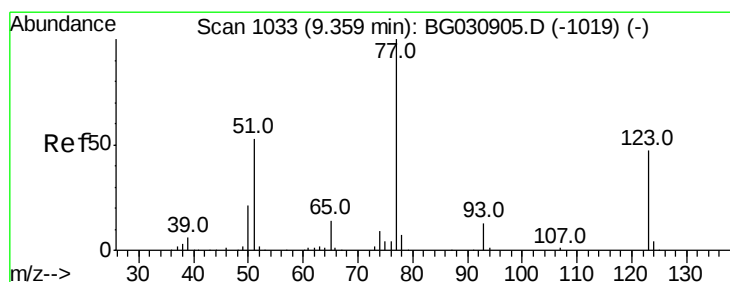
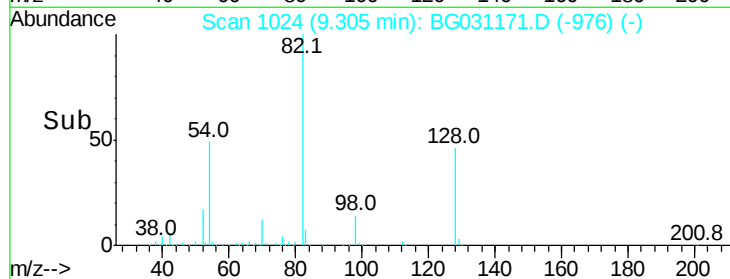
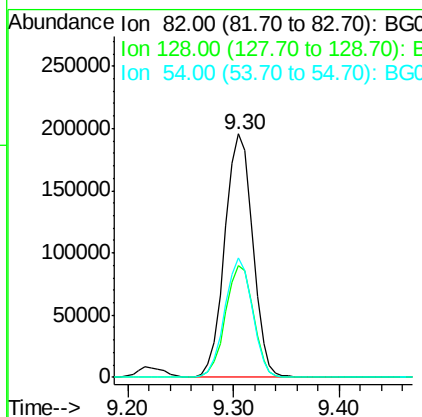
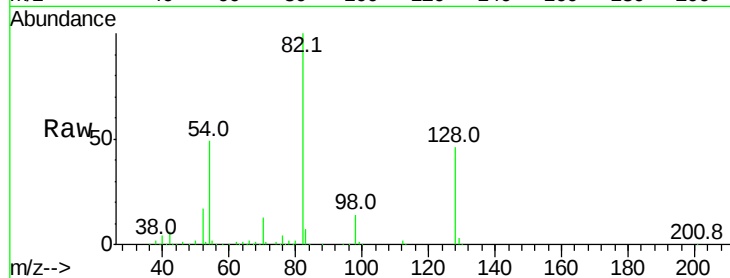
ClientSampled :

PB104448BSD

Tot Ion:	82	Resp:	358515
Ion Ratio	Lower	Upper	
82	100		
128	46.1	29.7	44.5#
54	49.0	43.1	64.7

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#24

Nitrobenzene

Concen: 42.952 ng

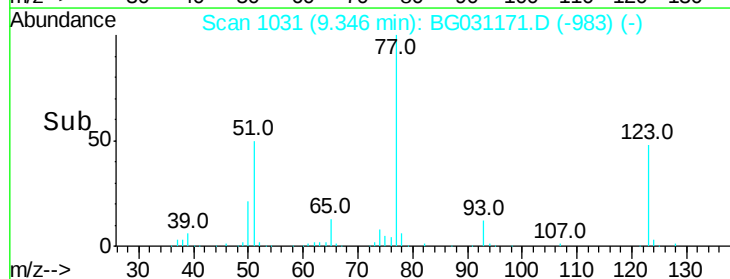
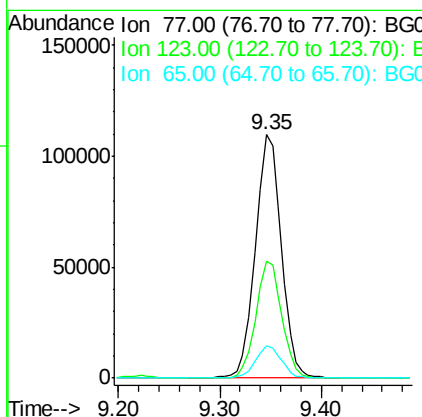
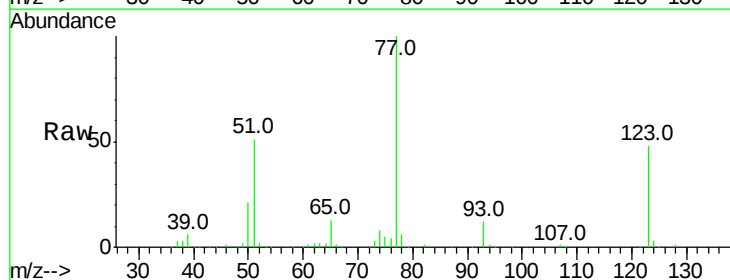
RT: 9.35 min Scan# 1031

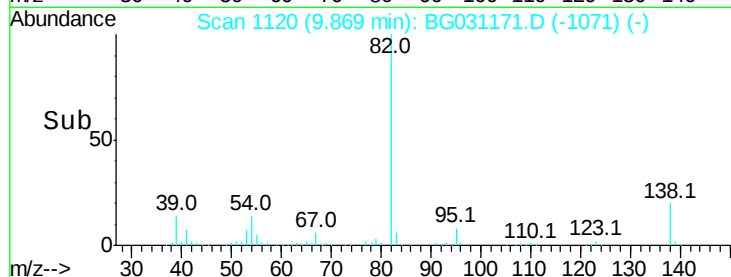
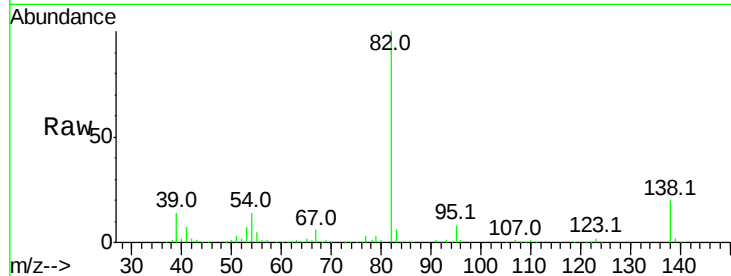
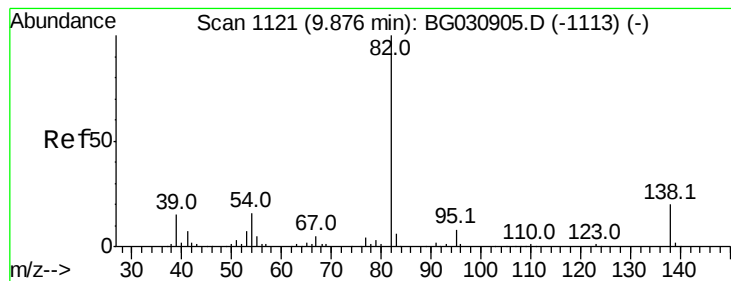
Delta R.T. -0.02 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Tgt Ion:	77	Resp:	194869
Ion Ratio	Lower	Upper	
77	100		
123	47.8	33.0	49.6
65	13.4	13.0	19.6





#25

Isophorone

Concen: 42.570 ng

RT: 9.87 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Tot Ion:	82	Resp:	368736
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.2	9.2
138	20.0	12.1	18.1#

Instrument :

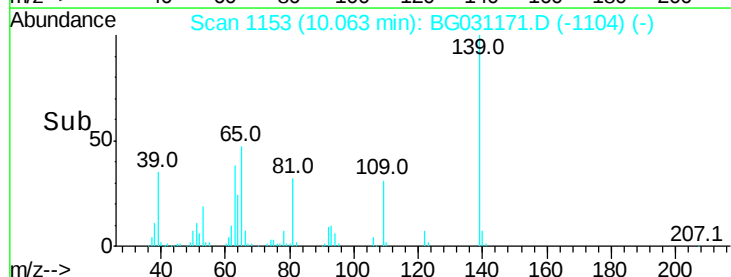
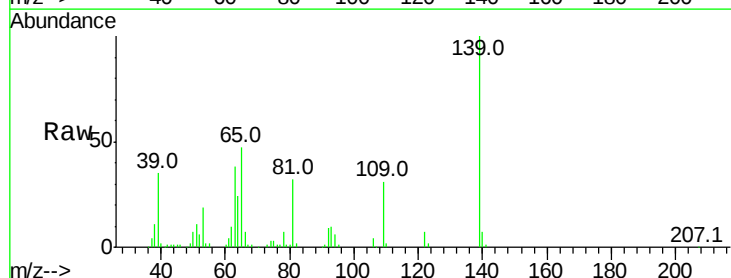
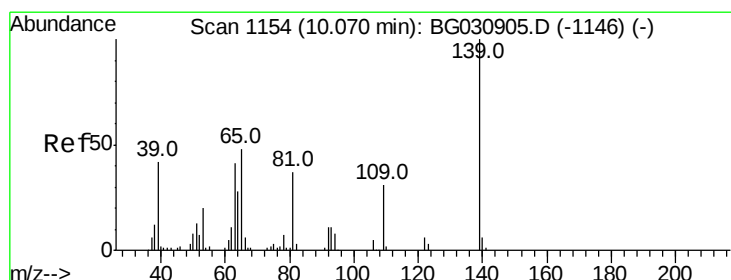
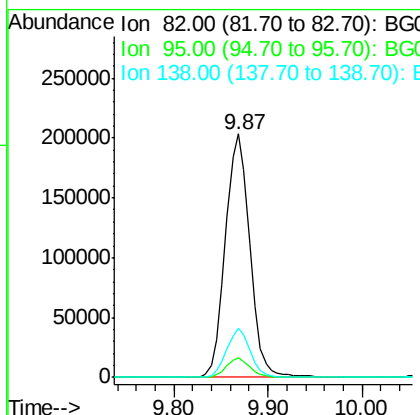
BNA_G

ClientSampleId :

PB104448BSD

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#26

2-Nitrophenol

Concen: 46.290 ng

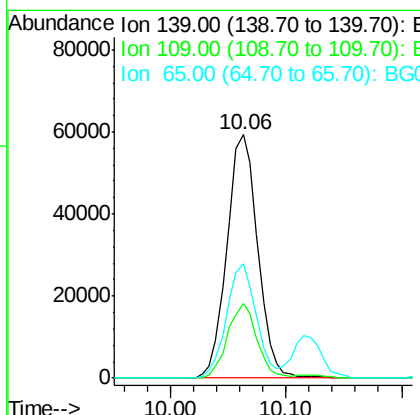
RT: 10.06 min Scan# 1153

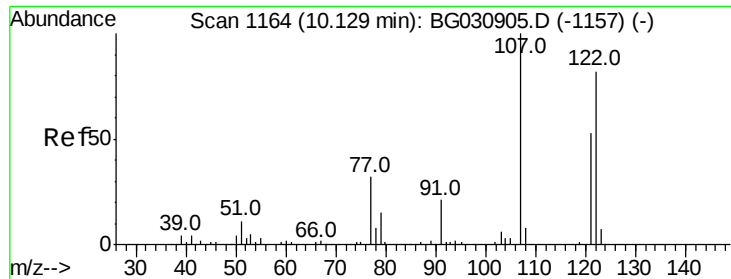
Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Tgt Ion:	139	Resp:	109468
Ion Ratio	Lower	Upper	
139	100		
109	30.5	24.2	36.2
65	46.8	47.4	71.0#





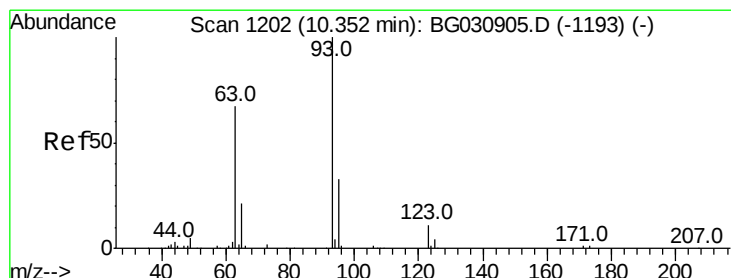
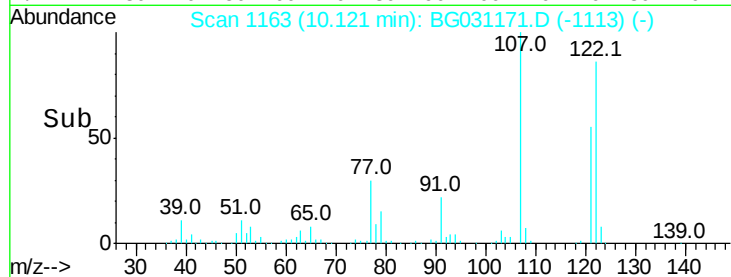
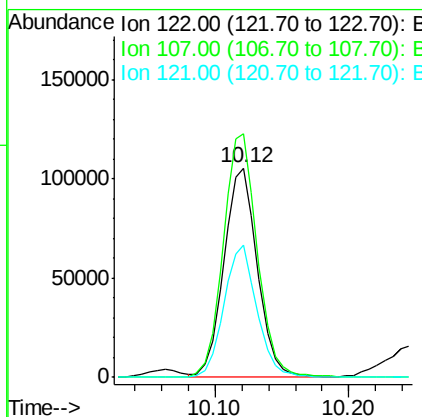
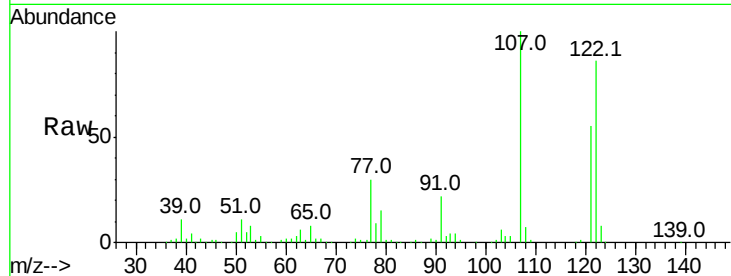
#27
 2,4-Dimethylphenol
 Concen: 52.062 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Instrument :
 BNA_G
 ClientSampleId :
 PB104448BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		182779		
107	116.4	100.2	150.2		
121	63.5	44.4	66.6		

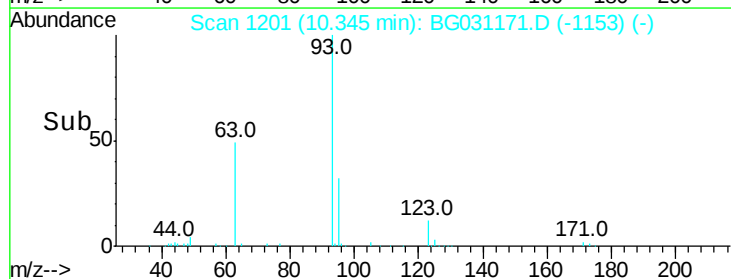
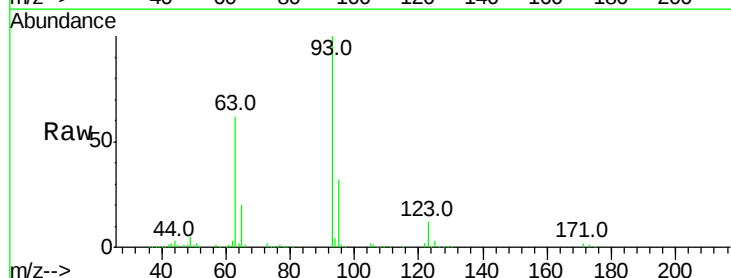
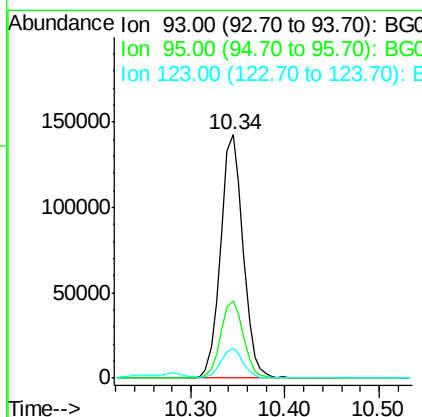
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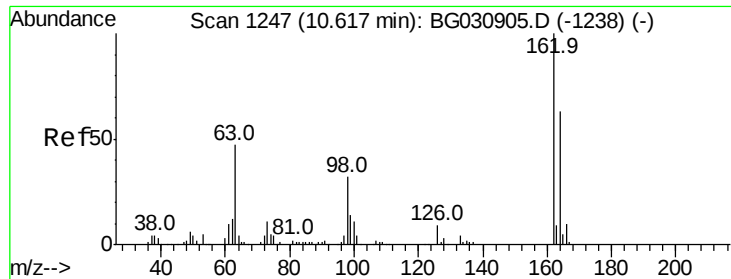
Sohil
 11/22/2017 4:35:28 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.607 ng
 RT: 10.34 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		237895		
95	31.5	24.3	36.5		
123	12.0	8.4	12.6		





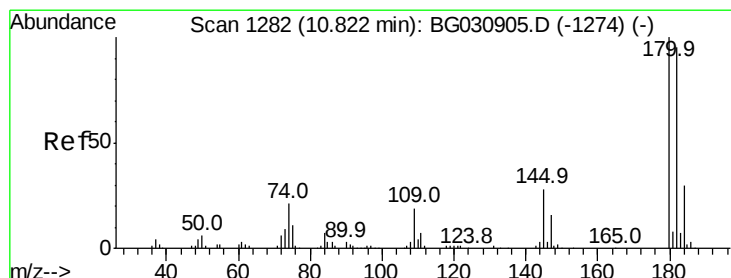
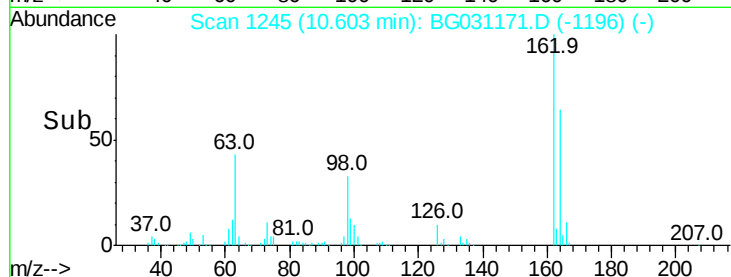
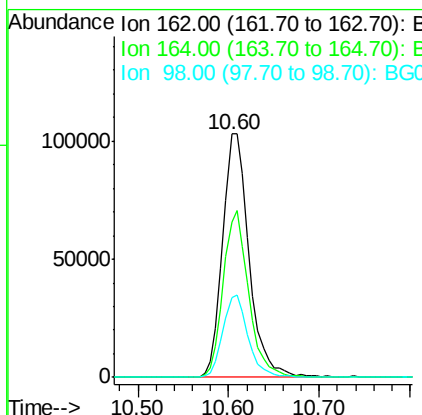
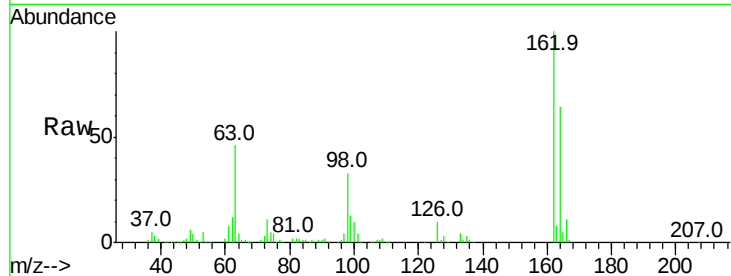
#29
 2,4-Dichlorophenol
 Concen: 49.670 ng
 RT: 10.60 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Instrument :
 BNA_G
 ClientSampled :
 PB104448BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.9	48.0	88.0
98	32.5	21.1	61.1

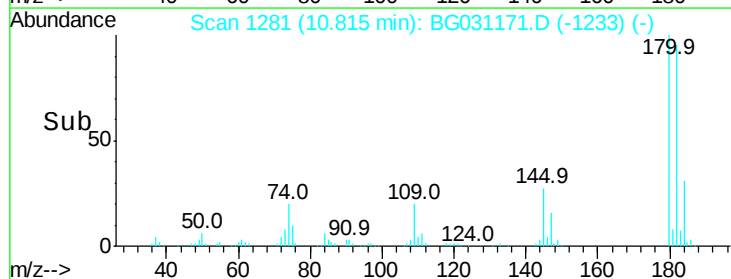
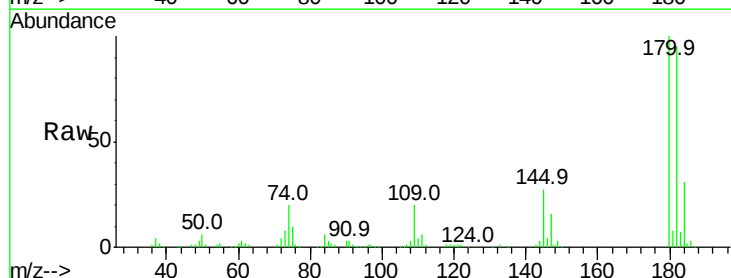
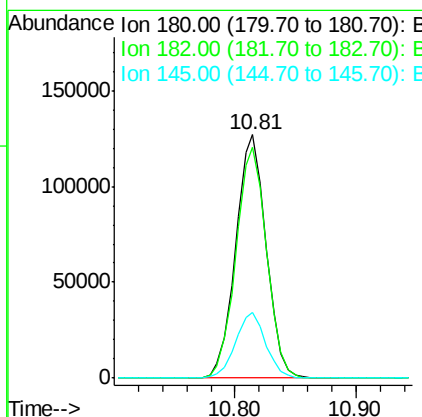
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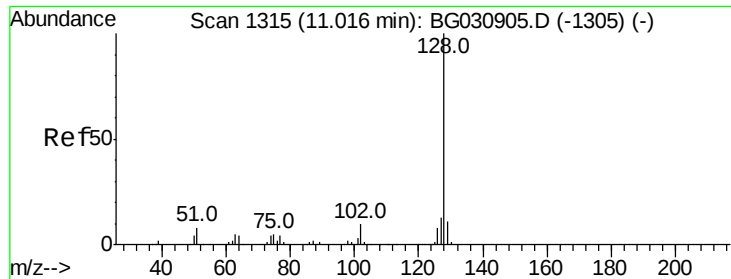
Sohil
 11/22/2017 4:35:28 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.148 ng
 RT: 10.81 min Scan# 1281
 Delta R.T. -0.02 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.9	77.5	116.3
145	26.9	23.4	35.2





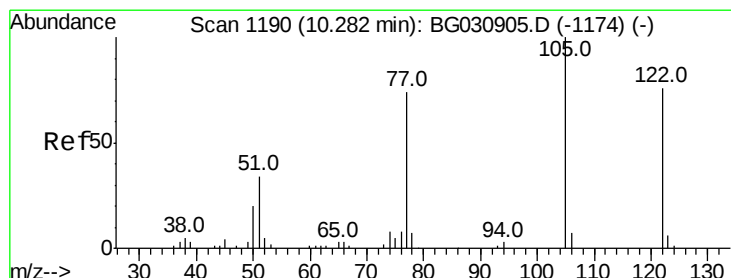
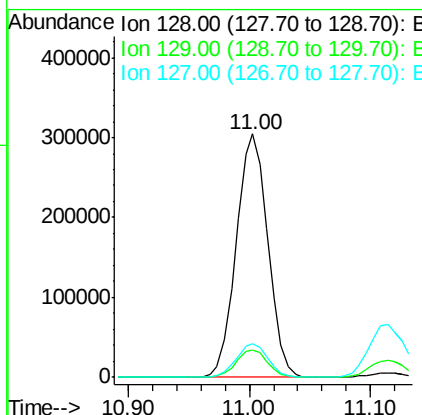
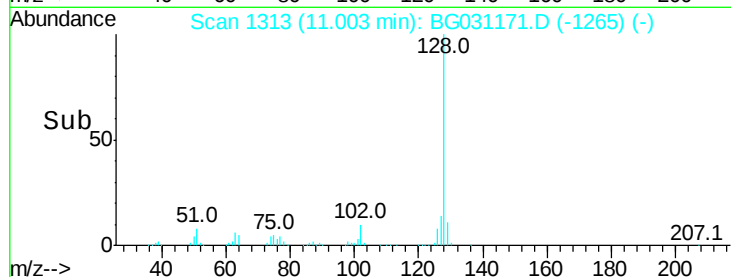
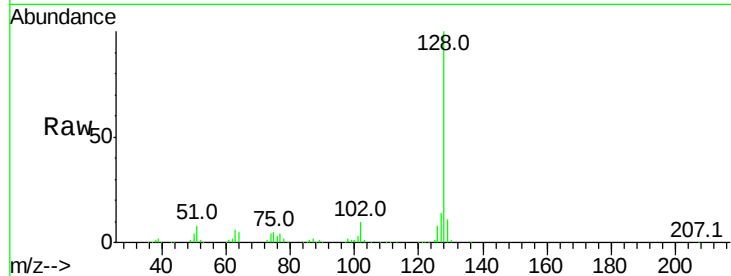
#31
Naphthalene
Concen: 42.826 ng
RT: 11.00 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Instrument :
BNA_G
ClientSampleId :
PB104448BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	13.9	11.6	17.4

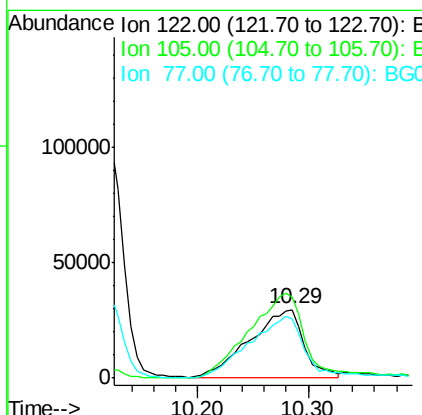
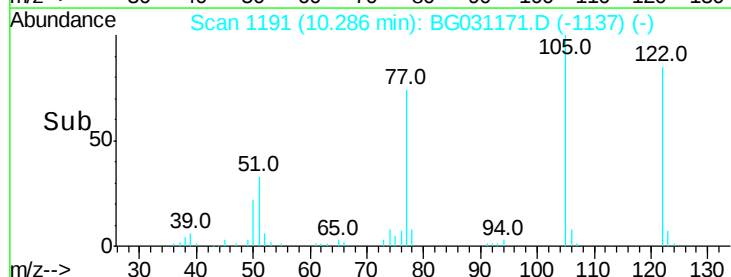
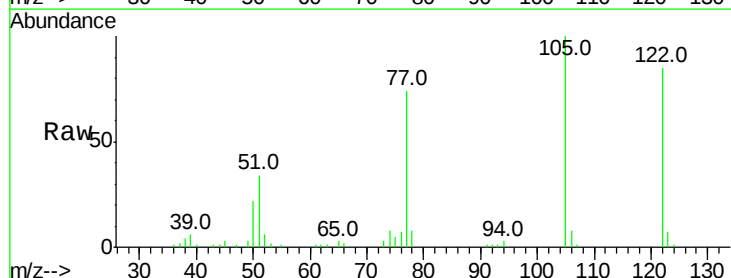
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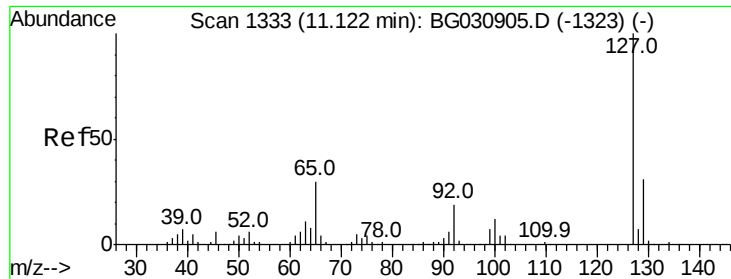
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#32
Benzoic acid
Concen: 35.509 ng
RT: 10.29 min Scan# 1191
Delta R.T. 0.02 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.6	123.5	163.5#
77	87.0	85.7	125.7





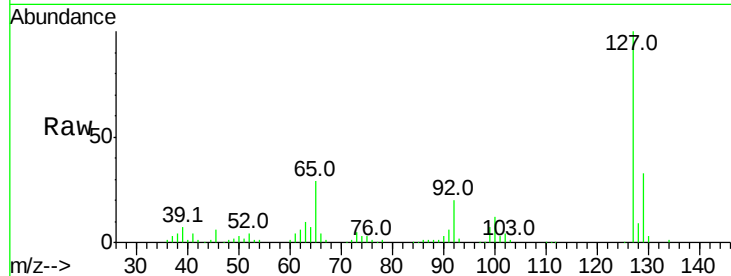
#33
4-Chloroaniline
Concen: 25.664 ng
RT: 11.11 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Instrument :
BNA_G
ClientSampleId :
PB104448BSD

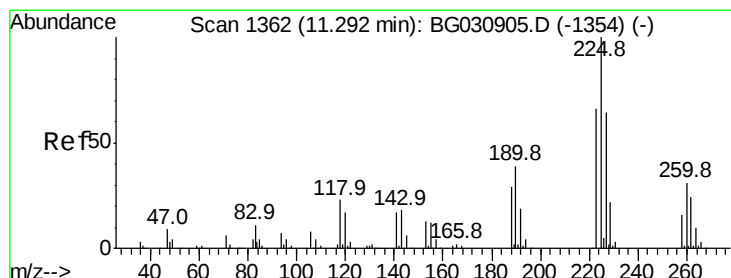
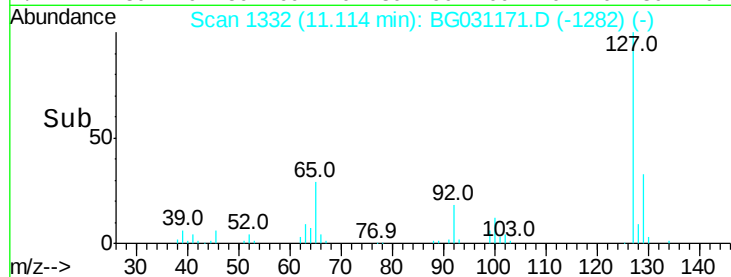
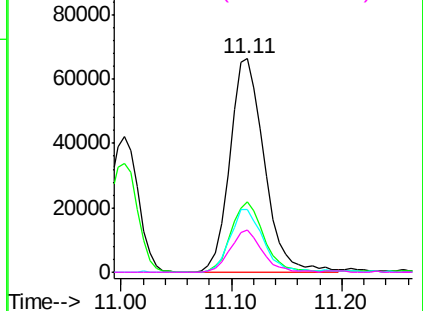
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.2	24.0	36.0	
65	29.2	27.0	40.4	
92	19.9	16.6	25.0	

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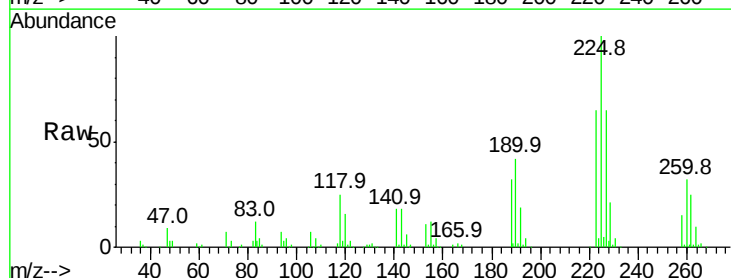


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

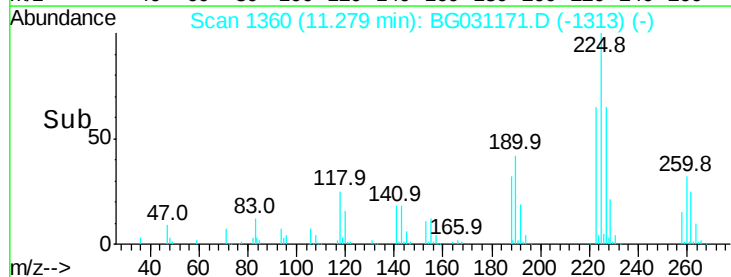
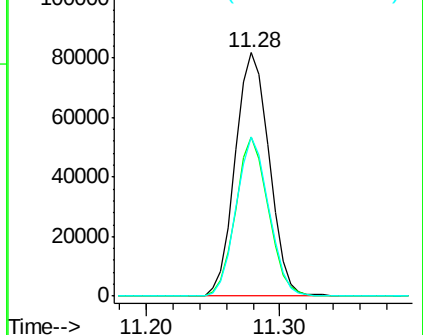


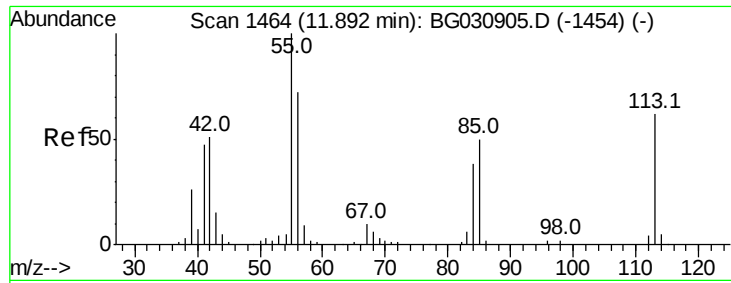
#34
Hexachlorobutadiene
Concen: 41.326 ng
RT: 11.28 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.2	49.7	74.5	
227	65.3	48.1	72.1	



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





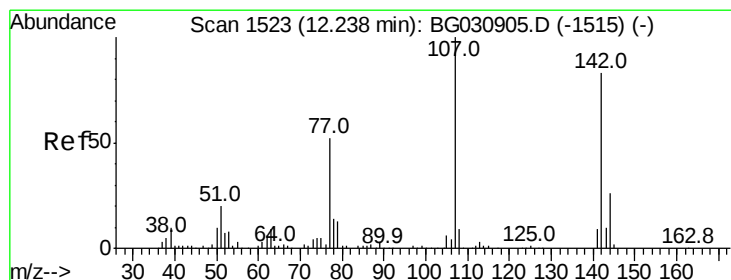
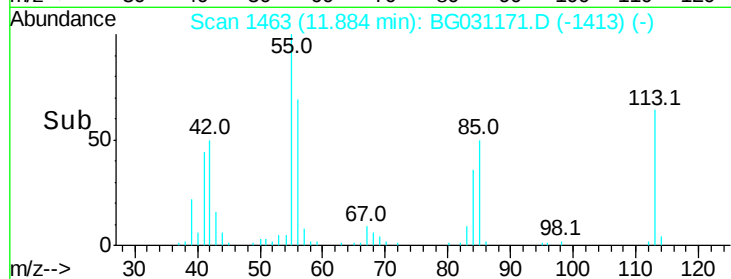
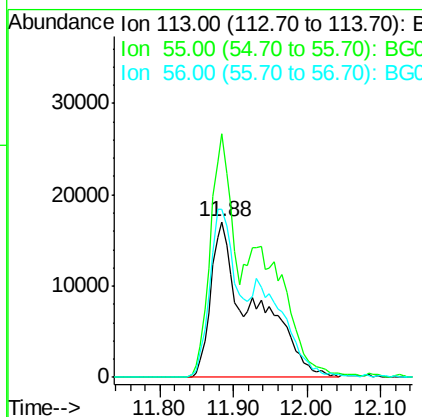
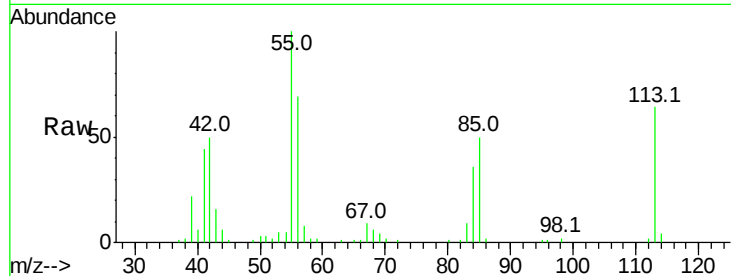
#35
 Caprolactam
 Concen: 39.675 ng/ml
 RT: 11.88 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Instrument :
 BNA_G
 ClientSampleId :
 PB104448BSD

Tot Ion:113 Resp: 68327
 Ion Ratio Lower Upper
 113 100
 55 156.4 186.9 226.9#
 56 108.0 130.9 170.9#

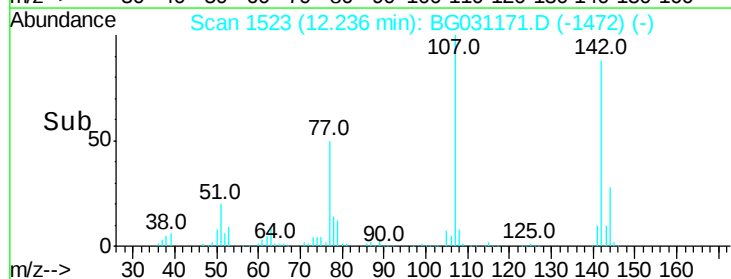
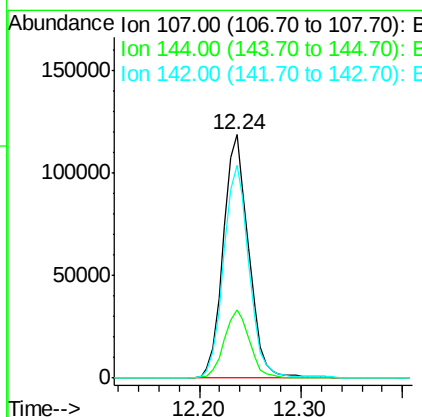
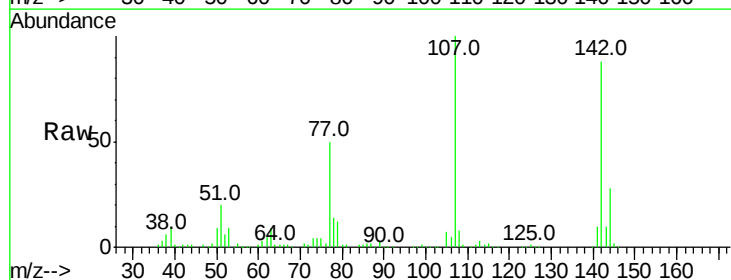
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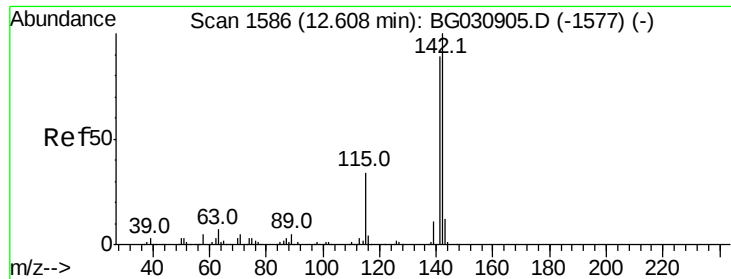
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 44.898 ng
 RT: 12.24 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Tgt Ion:107 Resp: 206012
 Ion Ratio Lower Upper
 107 100
 144 27.9 18.2 27.4#
 142 87.7 59.0 88.4





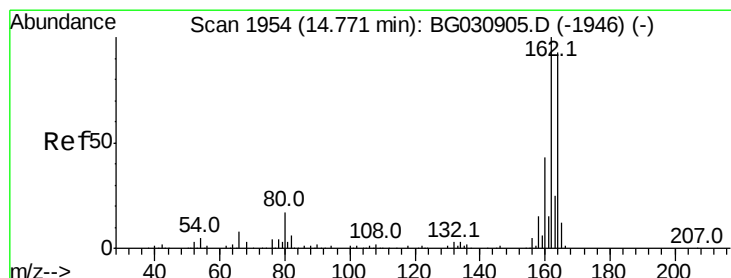
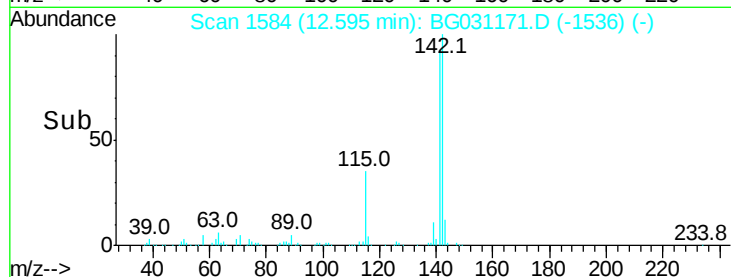
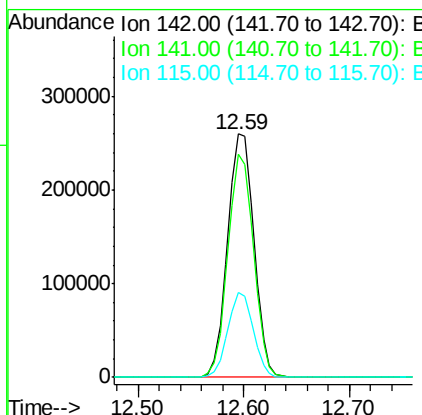
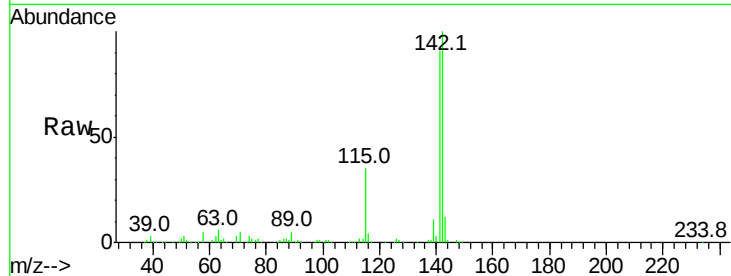
#37
2-Methylnaphthalene
Concen: 44.825 ng
RT: 12.59 min Scan# 1584
Delta R.T. -0.02 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Instrument :
BNA_G
ClientSampleId :
PB104448BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	67.1	100.7
115	34.9	30.7	46.1

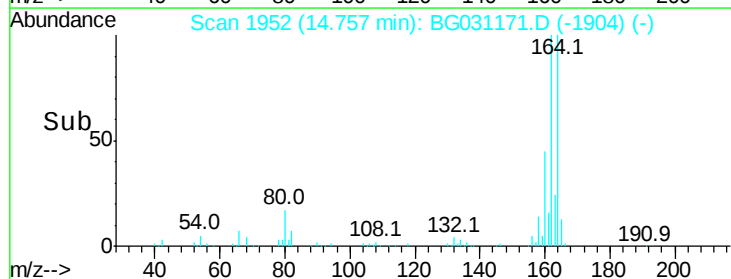
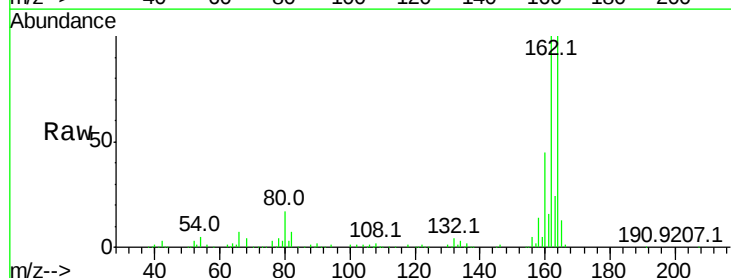
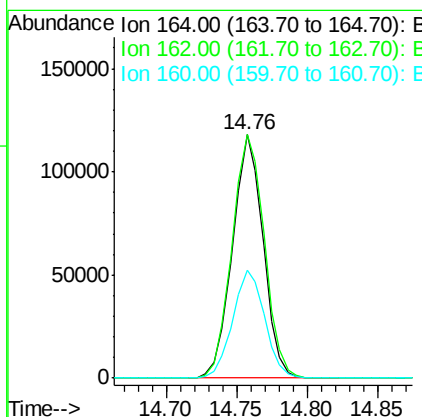
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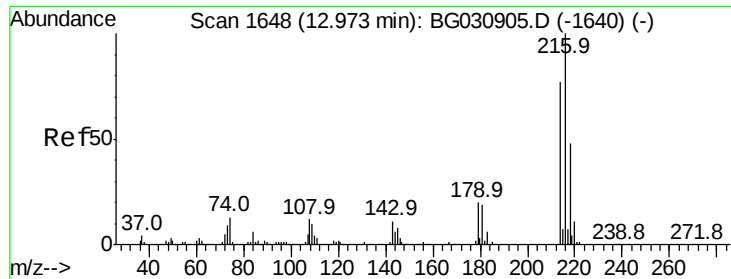
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	78.8	118.2
160	44.5	35.4	53.0





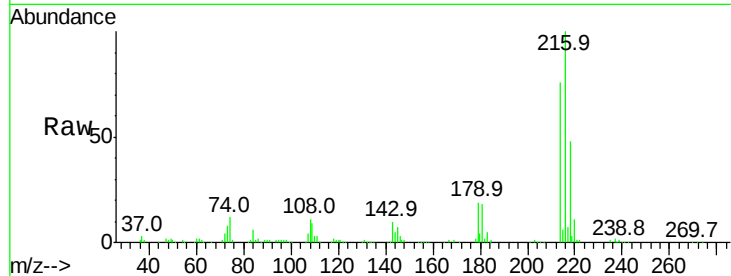
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.340 ng
 RT: 12.97 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Instrument :
 BNA_G
 ClientSampleId :
 PB104448BSD

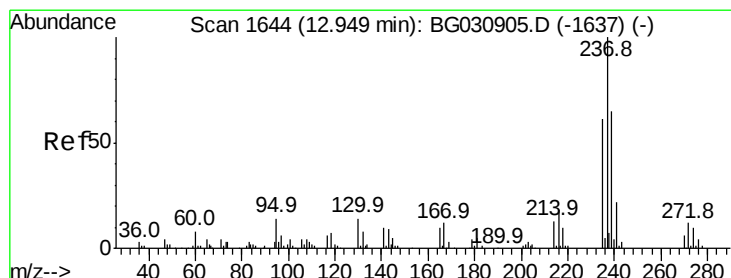
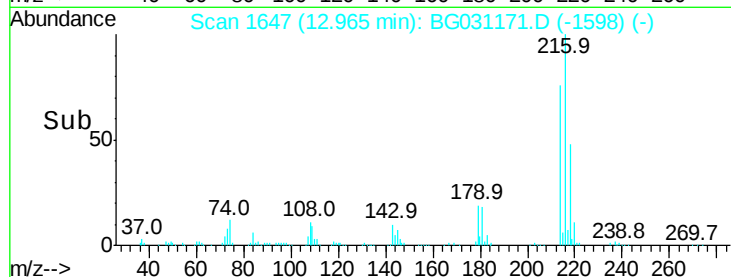
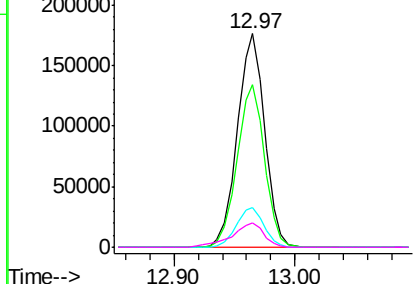
Tot Ion	Ratio	Resp	Lower	Upper
216	100	277424		
214	76.7	63.0	94.4	
179	18.9	17.0	25.6	
108	13.5	12.8	19.2	

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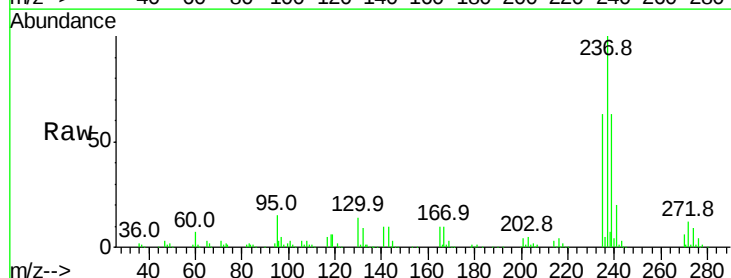


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

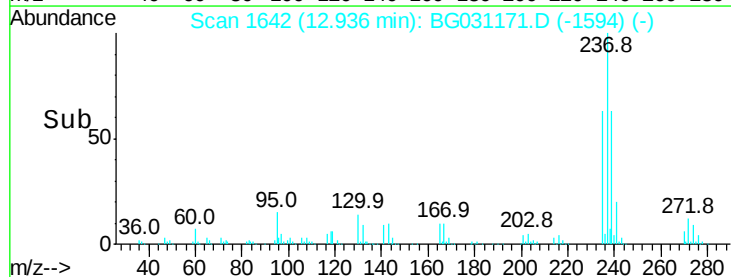
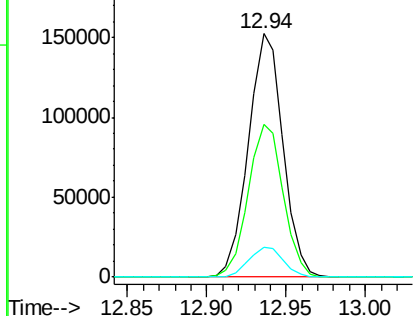


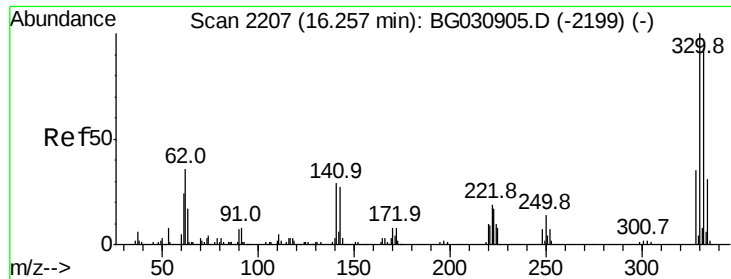
#40
 Hexachlorocyclopentadiene
 Concen: 87.258 ng
 RT: 12.94 min Scan# 1642
 Delta R.T. -0.02 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	230487		
235	62.7	50.4	90.4	
272	12.0	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





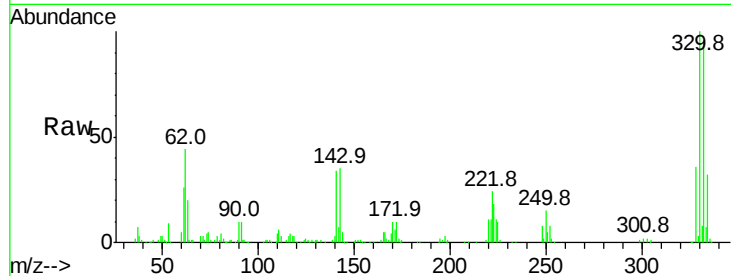
#41
 2,4,6-Tribromophenol
 Concen: 66.110 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Instrument :
 BNA_G
 ClientSampleId :
 PB104448BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	190015		
332	94.6	77.0	115.6	
141	34.5	25.2	37.8	

Manual Integrations
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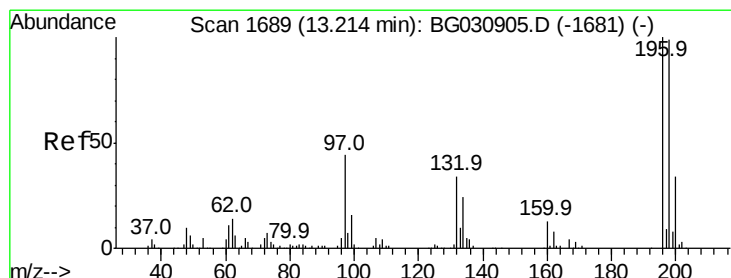
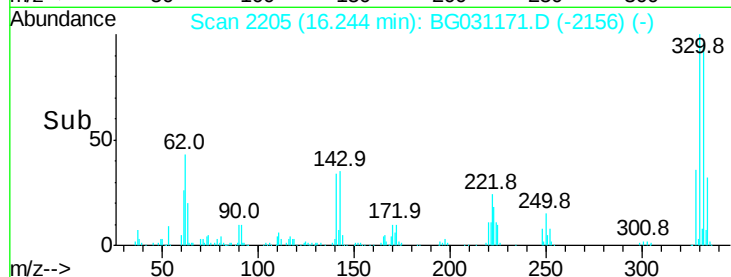
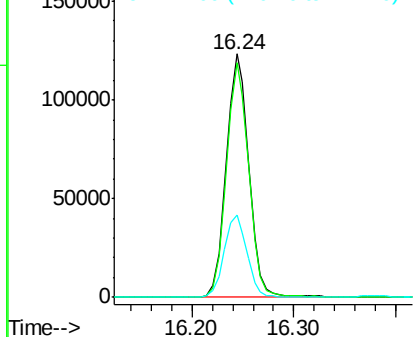


Abundance

Ion 329.80 (329.50 to 330.50): E

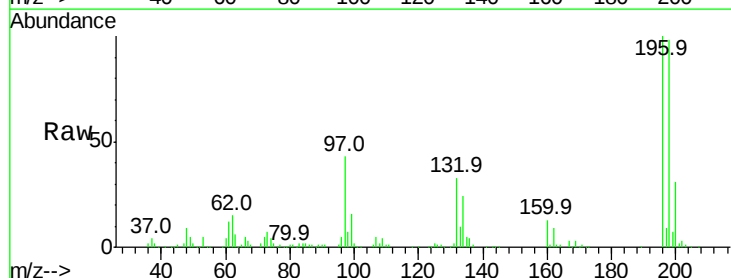
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 46.327 ng
 RT: 13.20 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	186761		
198	98.4	78.2	117.2	
200	31.0	24.6	36.8	

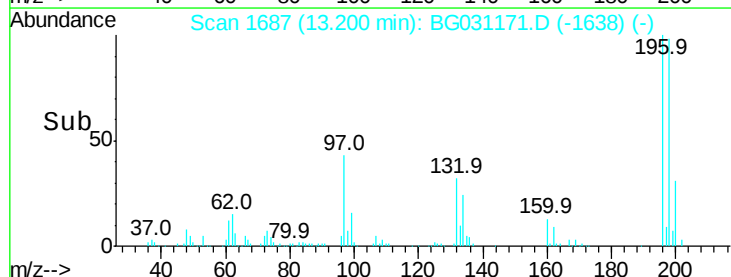
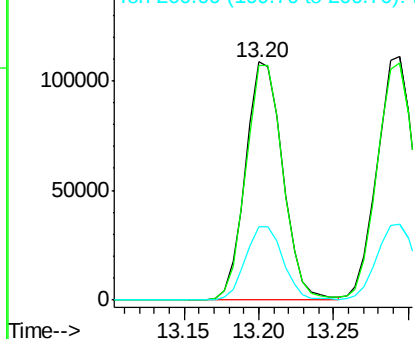


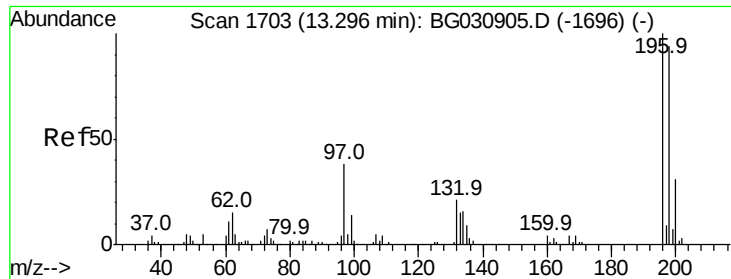
Abundance

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





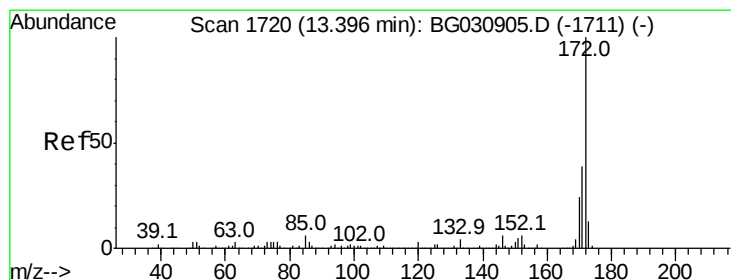
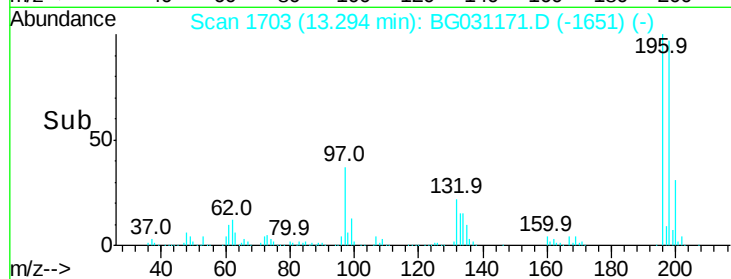
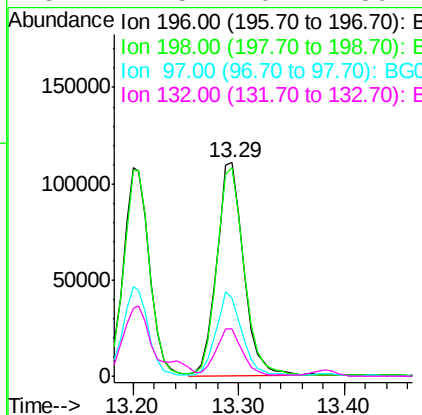
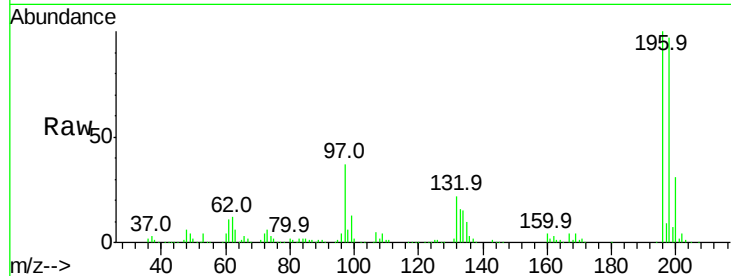
#43
 2,4,5-Trichlorophenol
 Concen: 45.083 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. 0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Instrument :
 BNA_G
 ClientSampleId :
 PB104448BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	198853		
198	97.5	76.2	114.4	
97	36.8	38.7	58.1	
132	22.5	20.2	30.2	

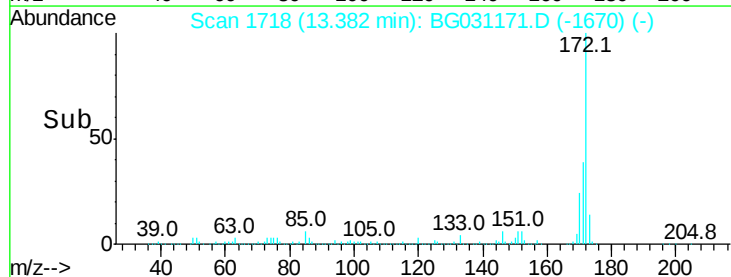
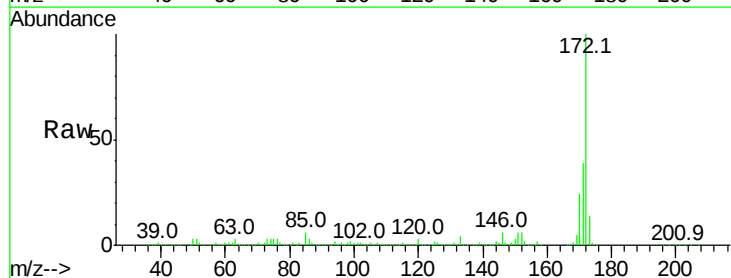
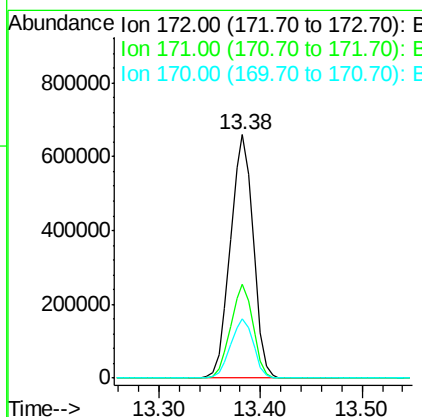
Manual Integrations
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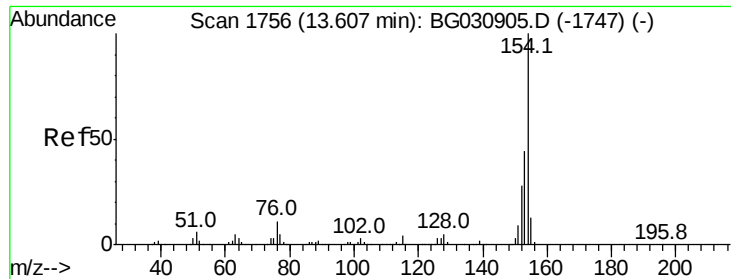
Sohil
 11/22/2017 4:35:28 PM



#44
 2-Fluorobiphenyl
 Concen: 83.044 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1026868		
171	38.8	30.0	45.0	
170	24.2	19.5	29.3	





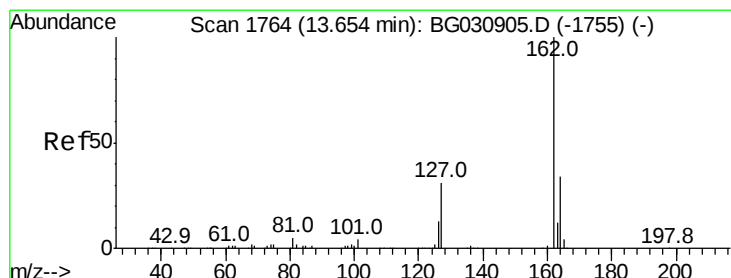
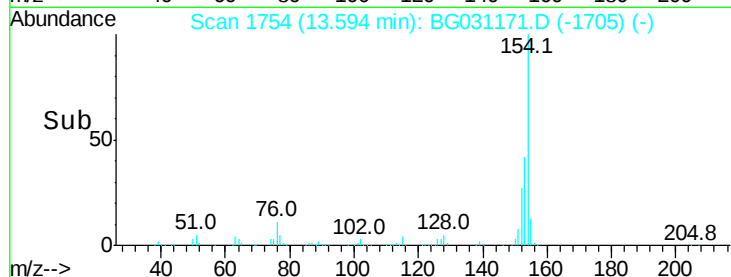
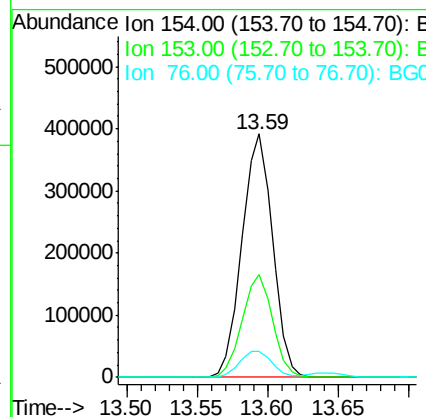
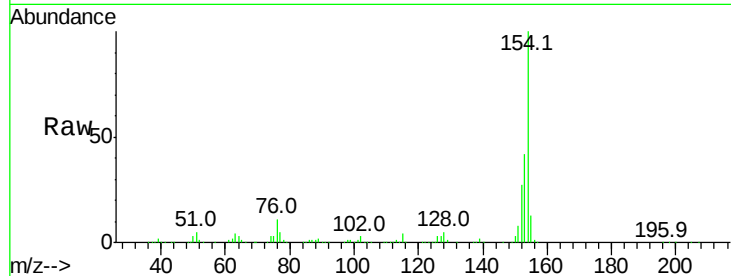
#45
 1,1'-Biphenyl
 Concen: 40.333 ng
 RT: 13.59 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Instrument :
 BNA_G
 ClientSampleID :
 PB104448BSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	42.2	19.8	59.8	
76	10.7	0.0	31.9	

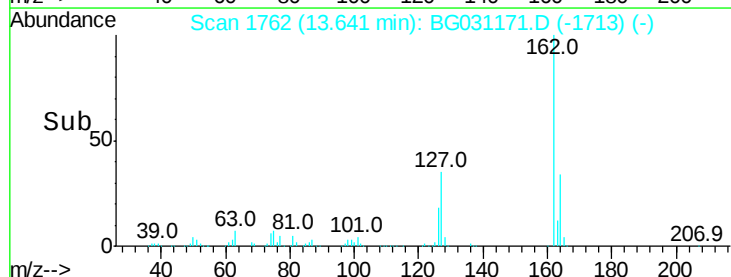
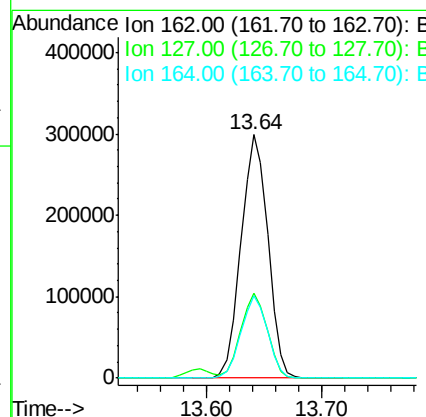
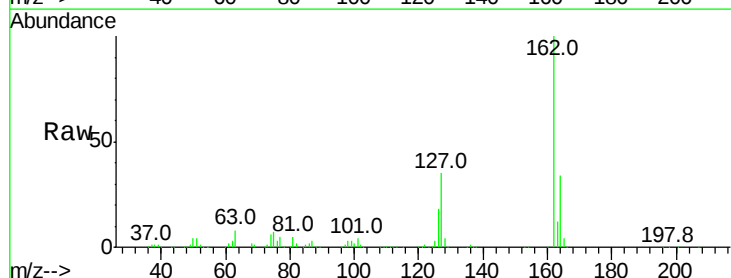
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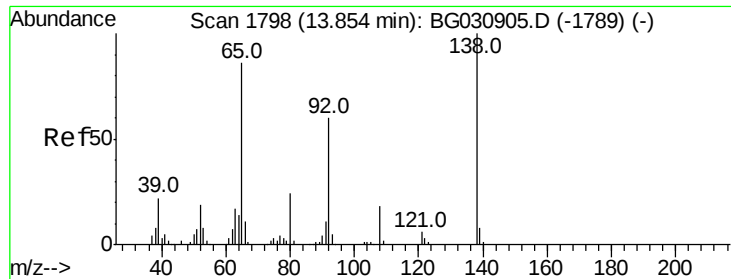
Sohil
 11/22/2017 4:35:28 PM



#46
 2-Chloronaphthalene
 Concen: 45.251 ng
 RT: 13.64 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	35.1	30.7	46.1	
164	33.7	26.0	39.0	





#47

2-Nitroaniline

Concen: 41.939 ng

RT: 13.85 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

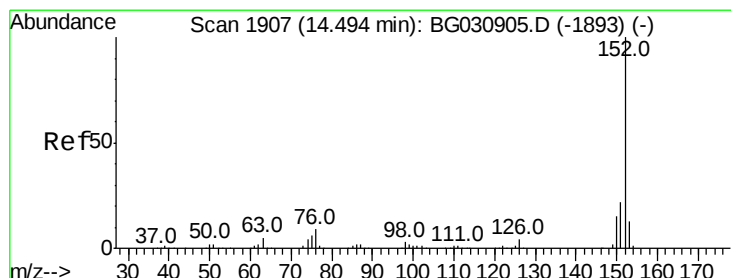
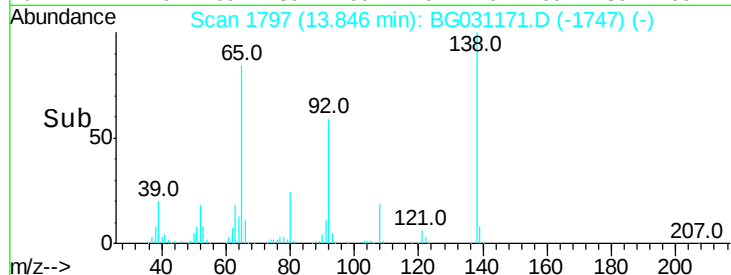
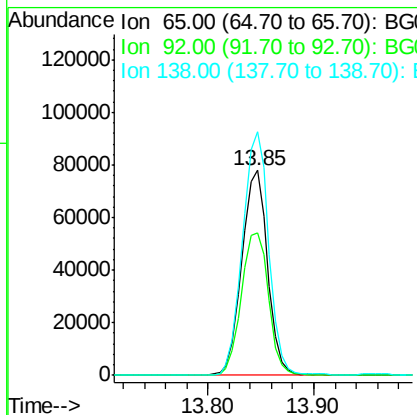
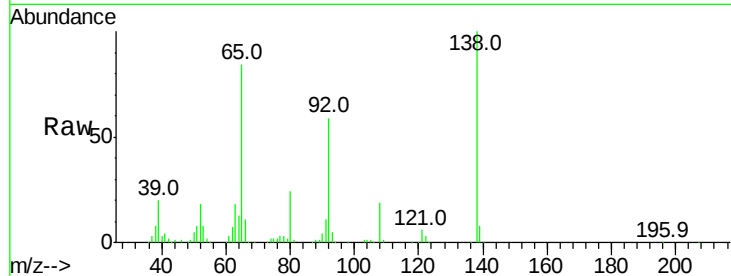
ClientSampleId :

PB104448BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.9	54.6	82.0
138	118.9	72.9	109.3#

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#48

Acenaphthylene

Concen: 42.263 ng

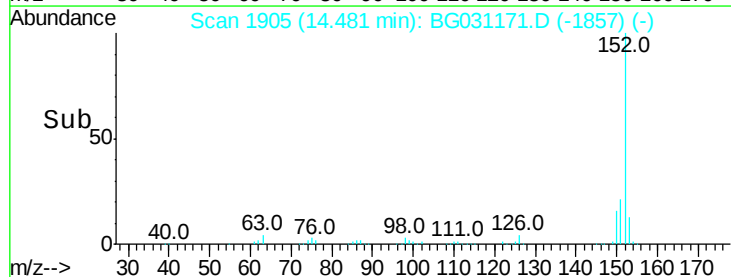
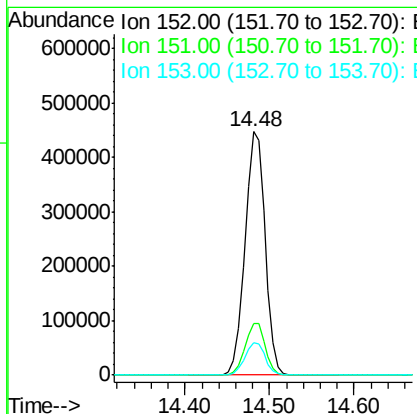
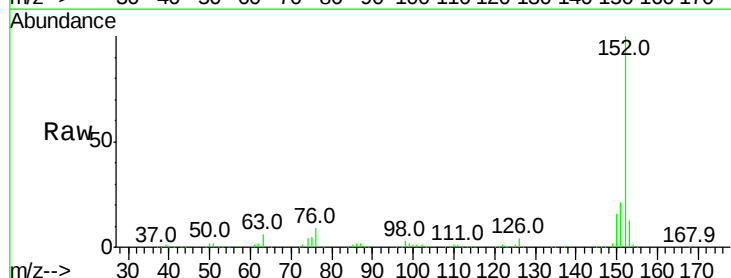
RT: 14.48 min Scan# 1905

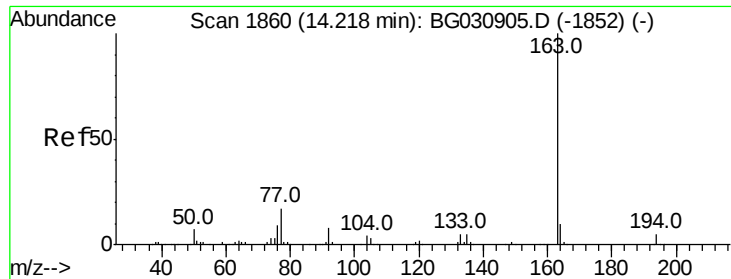
Delta R.T. -0.02 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.2	25.8
153	13.4	10.2	15.4





#49

Dimethylphthalate

Concen: 41.326 ng

RT: 14.20 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

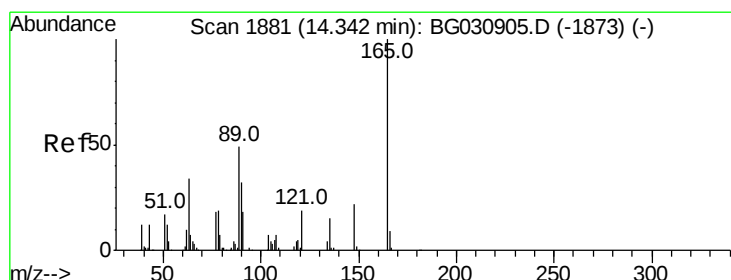
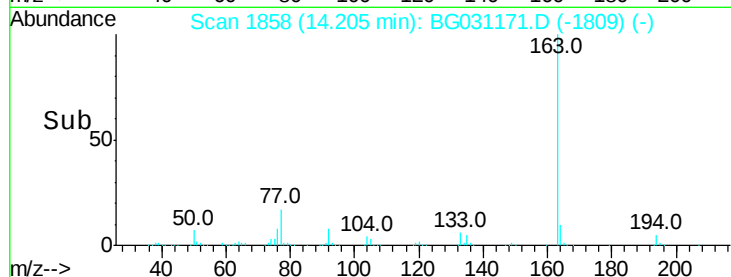
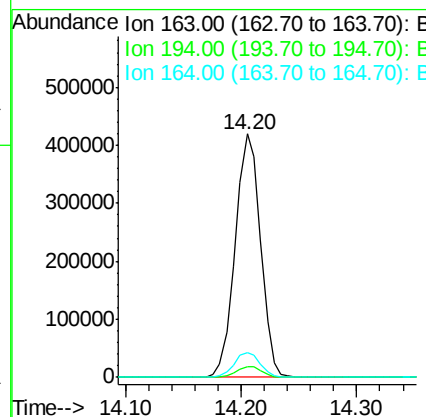
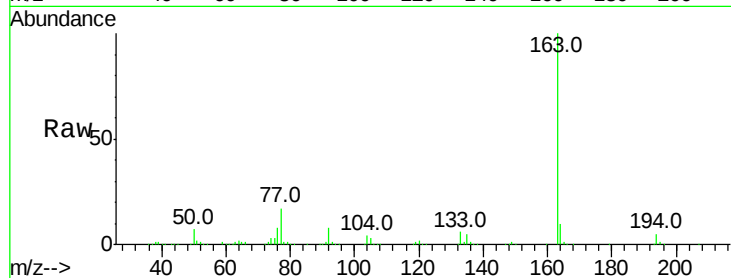
ClientSampleId :

PB104448BSD

Tot Ion:	163	Resp:	634874
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.4	5.2
164	10.2	8.2	12.4

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#50

2,6-Dinitrotoluene

Concen: 45.673 ng

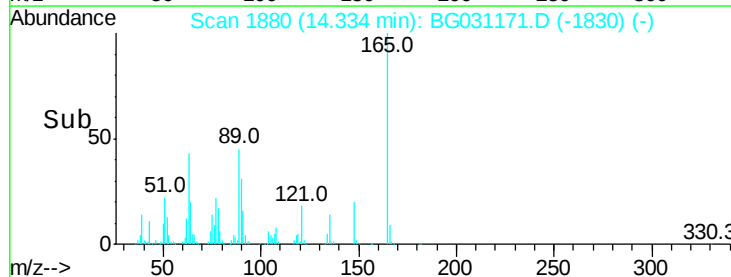
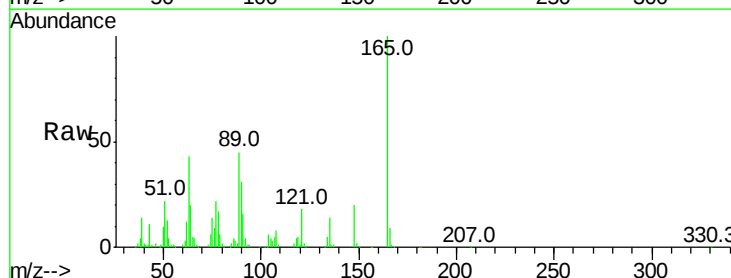
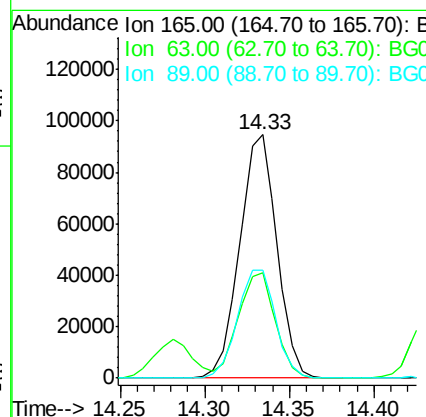
RT: 14.33 min Scan# 1880

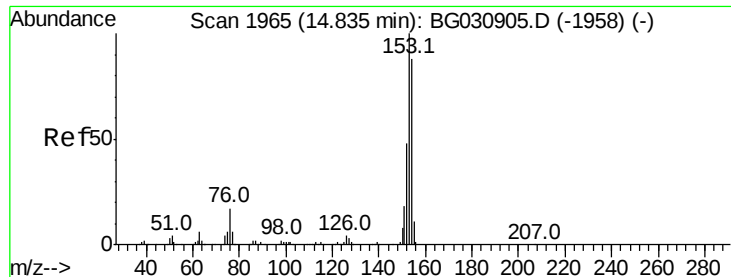
Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Tgt Ion:	165	Resp:	144623
Ion Ratio	Lower	Upper	
165	100		
63	43.5	52.7	79.1#
89	44.6	49.2	73.8#





#51

Acenaphthene

Concen: 41.843 ng

RT: 14.82 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

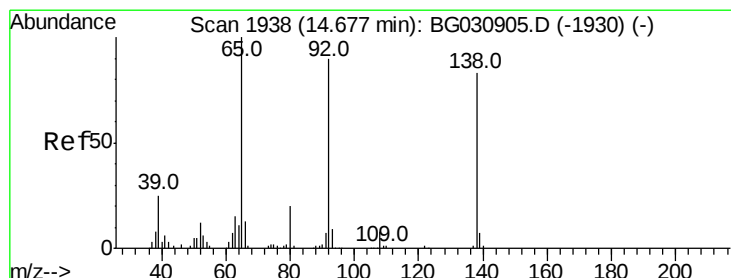
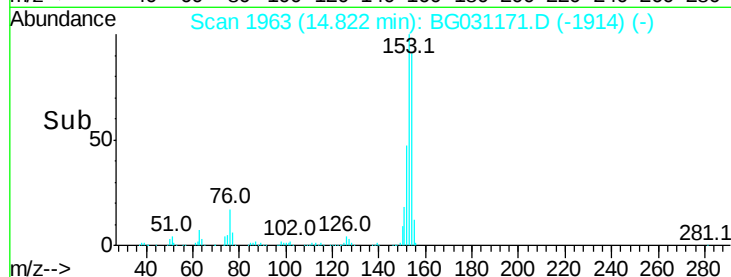
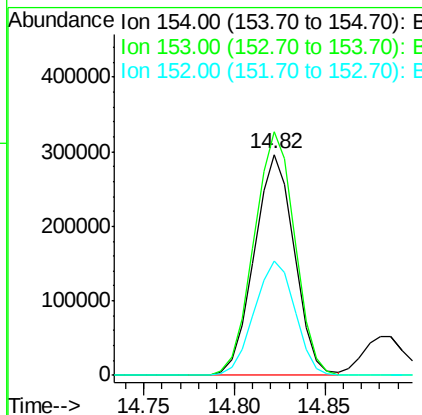
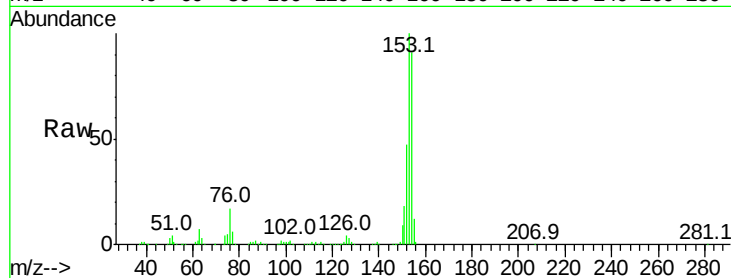
ClientSampleId :

PB104448BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	110.1	90.4	135.6
152	51.8	41.6	62.4

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#52

3-Nitroaniline

Concen: 30.041 ng

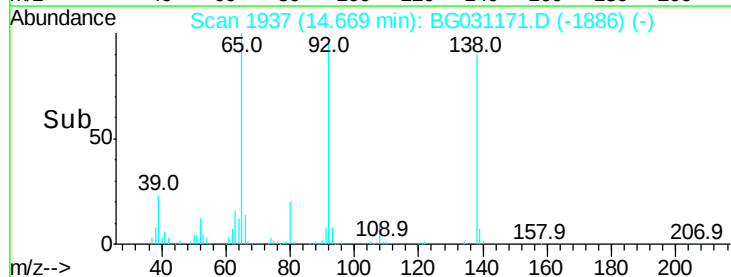
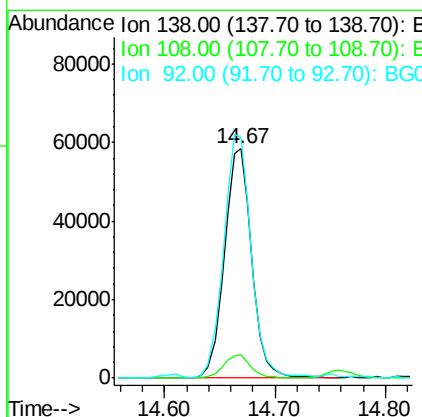
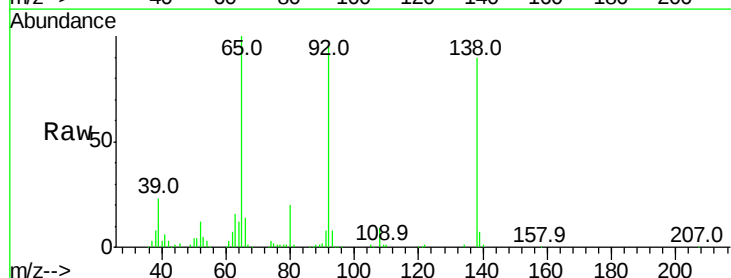
RT: 14.67 min Scan# 1937

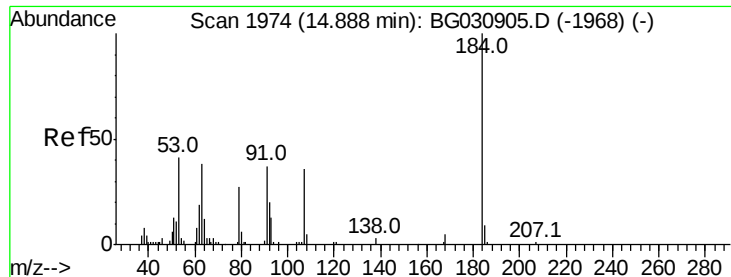
Delta R.T. 0.00 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.3	17.5	26.3#
92	105.1	105.8	158.8#





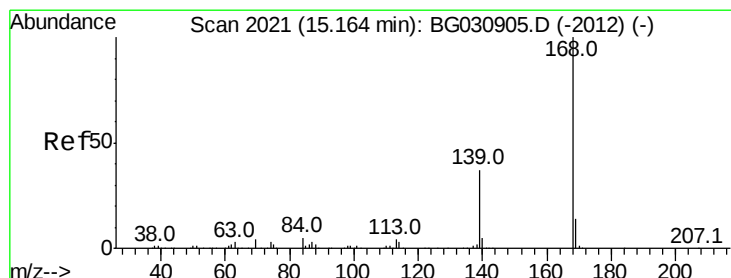
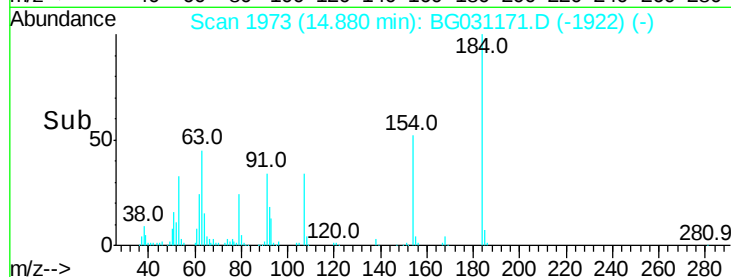
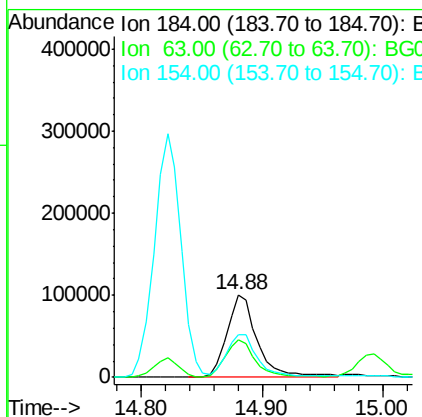
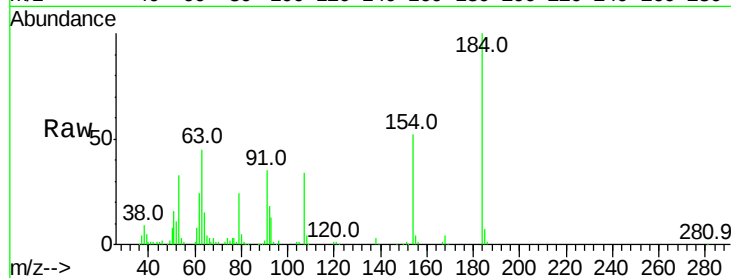
#53
2,4-Dinitrophenol
Concen: 99.495 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Instrument :
BNA_G
ClientSampleId :
PB104448BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	45.0	59.8	89.8#
154	52.1	101.8	152.8#

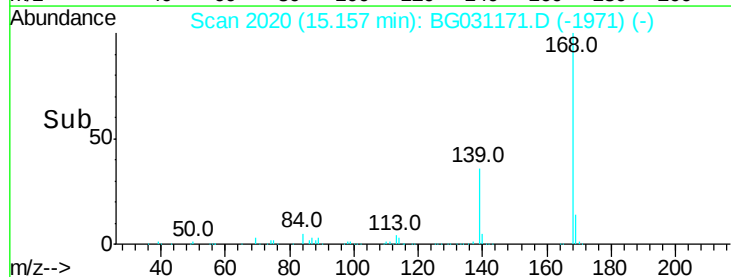
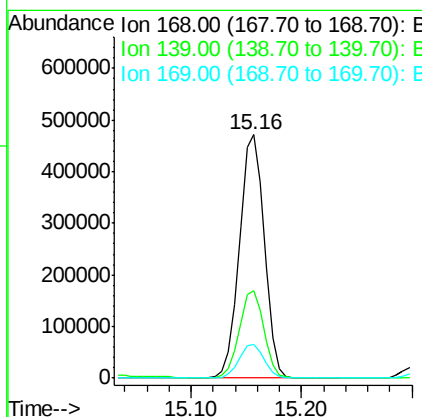
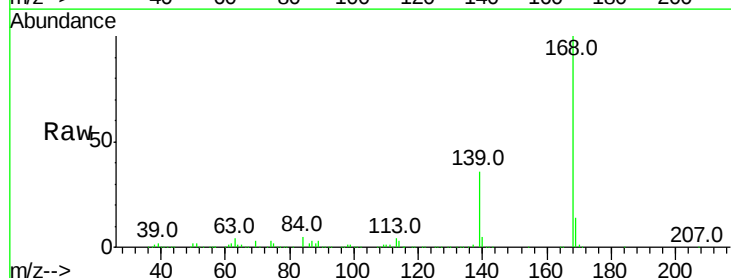
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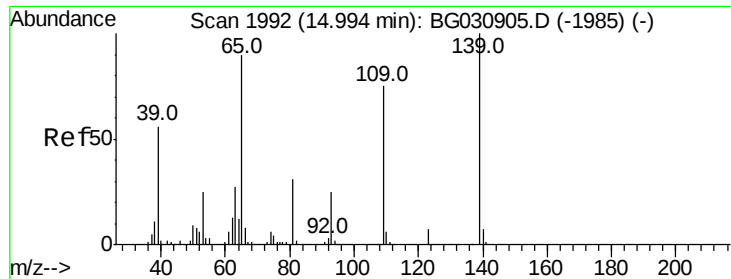
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#54
Dibenzofuran
Concen: 43.044 ng
RT: 15.16 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.7	28.6	43.0
169	14.0	11.2	16.8





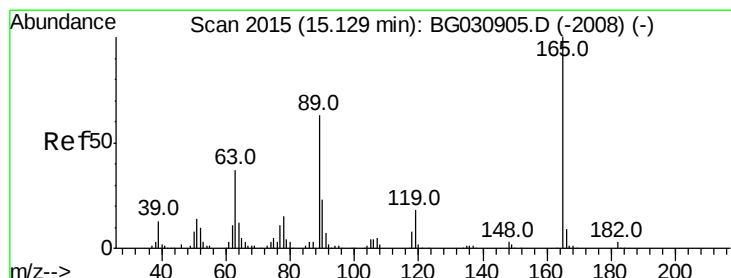
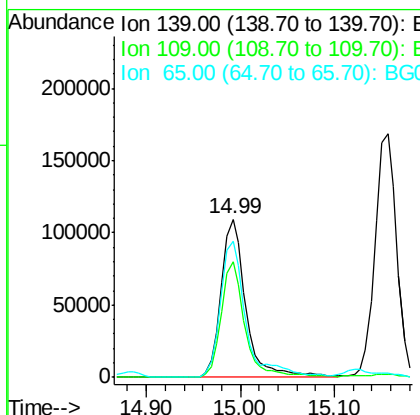
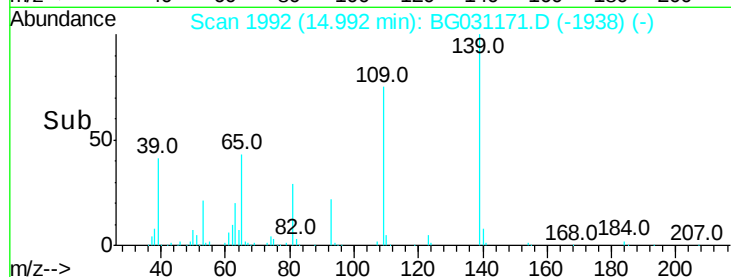
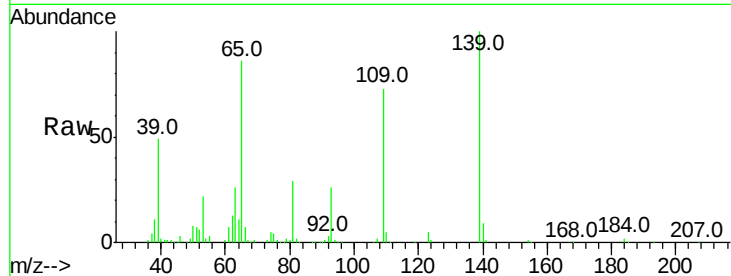
#55
4-Nitrophenol
Concen: 84.667 ng
RT: 14.99 min Scan# 1992
Delta R.T. 0.02 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Instrument :
BNA_G
ClientSampleId :
PB104448BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	72.9	62.2	102.2	
65	86.1	97.2	137.2	

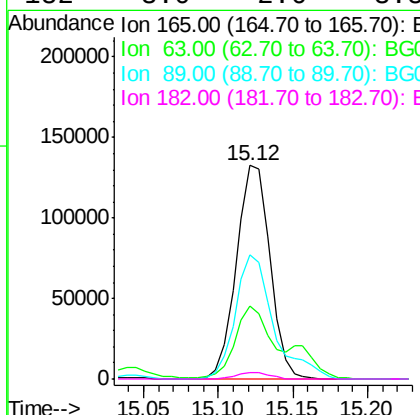
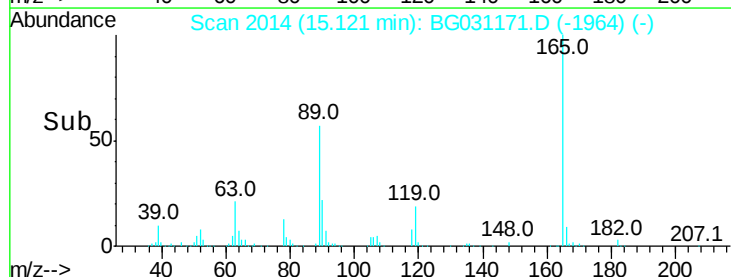
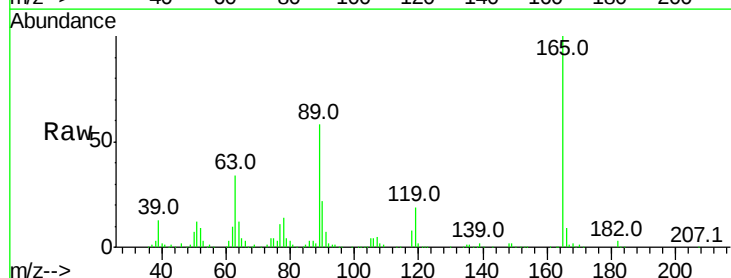
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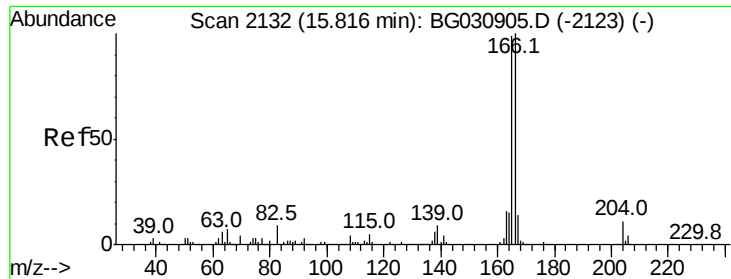
Sohil
11/22/2017 4:35:28 PM



#56
2,4-Dinitrotoluene
Concen: 45.392 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	34.2	42.0	63.0	
89	58.3	66.9	100.3	
182	3.0	2.6	3.8	





#57

Fluorene

Concen: 42.482 ng

RT: 15.80 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

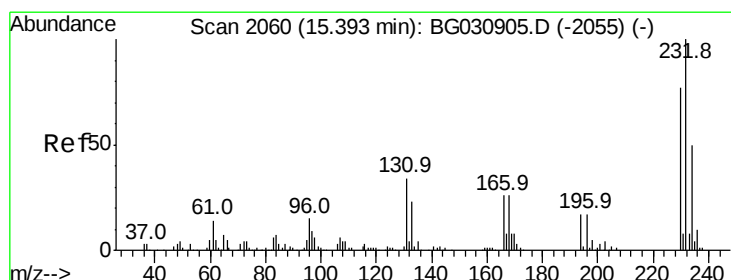
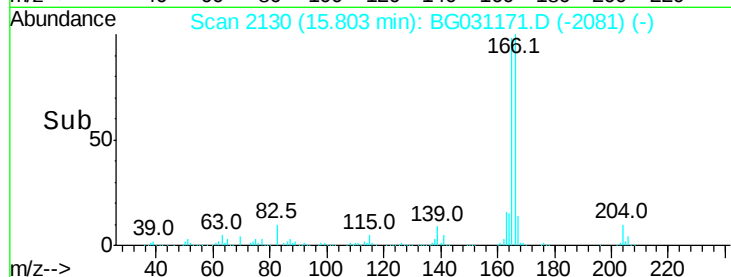
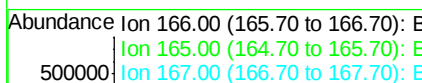
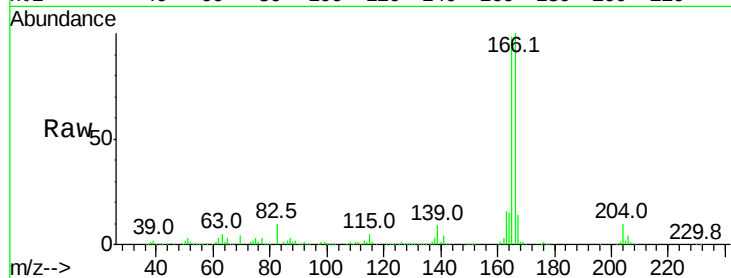
ClientSampleId :

PB104448BSD

Tot Ion:	166	Resp:	596944
Ion Ratio	Lower	Upper	
166	100		
165	97.7	80.6	121.0
167	14.2	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.842 ng

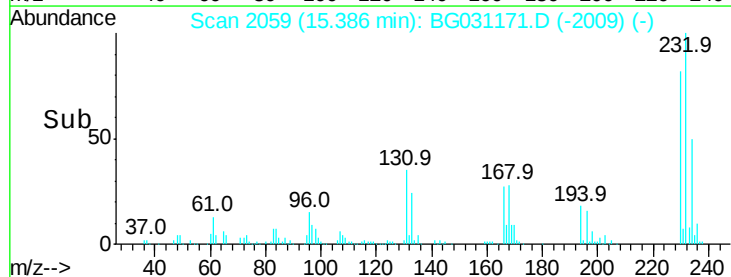
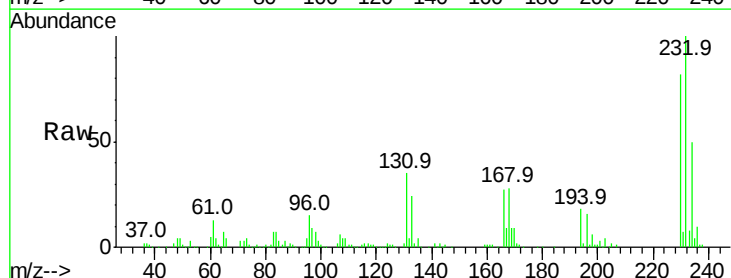
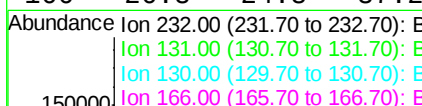
RT: 15.39 min Scan# 2059

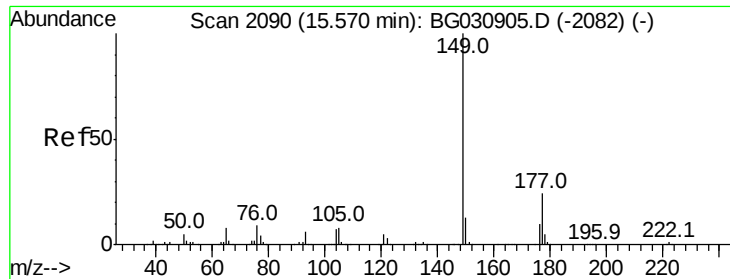
Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Tgt Ion:	232	Resp:	188507
Ion Ratio	Lower	Upper	
232	100		
131	34.2	33.5	50.3
130	2.0	2.2	3.2#
166	26.8	24.8	37.2





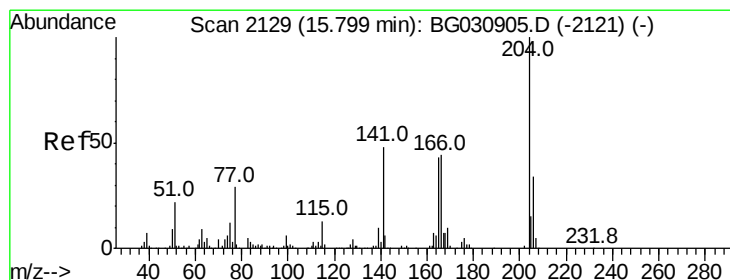
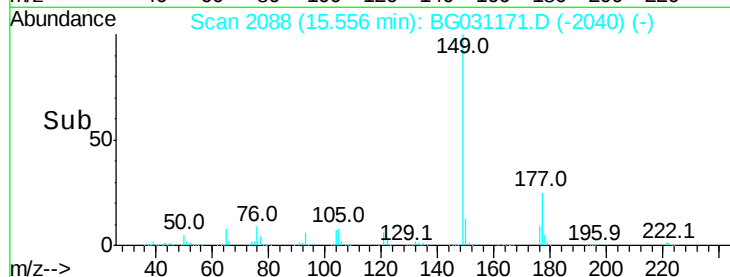
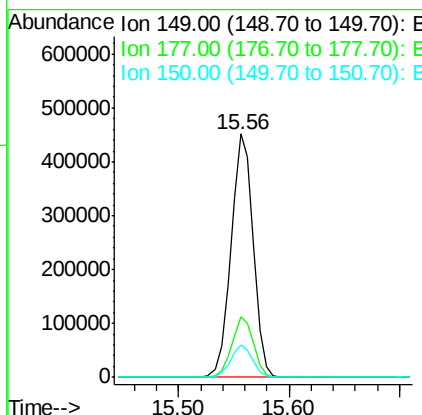
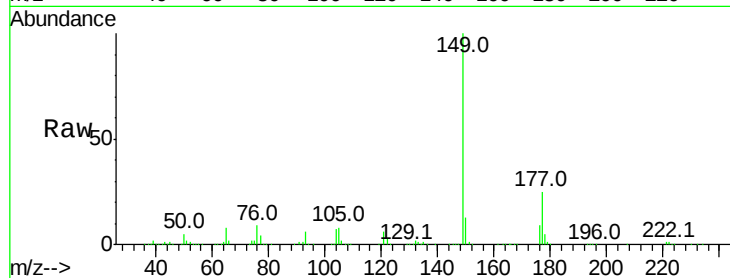
#59
Diethylphthalate
Concen: 40.511 ng
RT: 15.56 min Scan# 2088
Delta R.T. -0.02 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Instrument :
BNA_G
ClientSampleId :
PB104448BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.8	18.5	27.7
150	13.2	10.2	15.2

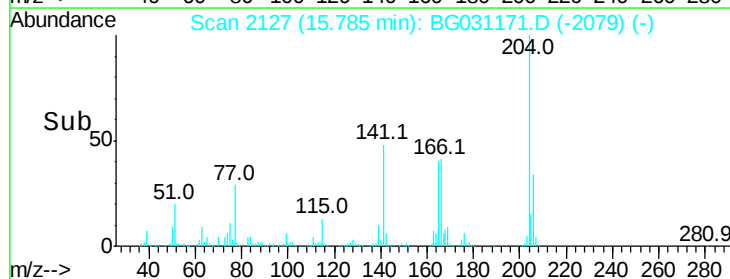
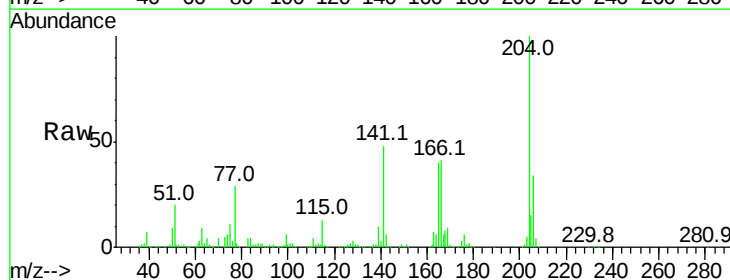
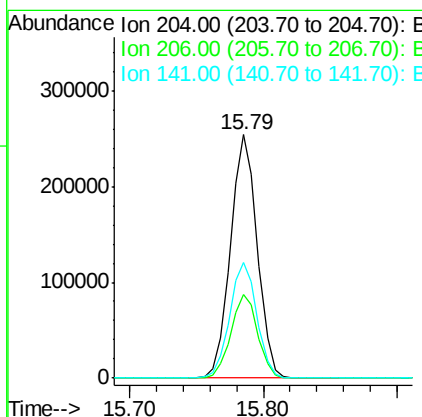
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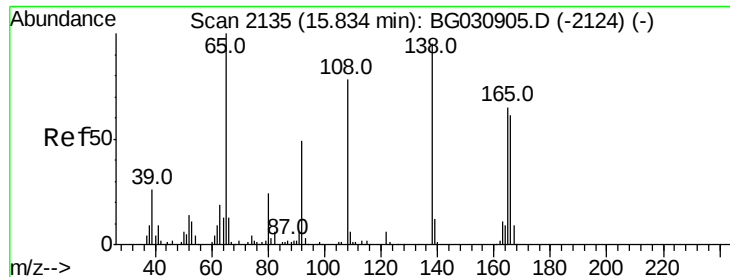
Sohil
11/22/2017 4:35:28 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.779 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.3	26.2	39.2
141	47.5	45.8	68.6





#61

4-Nitroaniline

Concen: 42.384 ng

RT: 15.83 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

ClientSampleId :

PB104448BSD

Tot Ion:138 Resp: 150896

Ion Ratio Lower Upper

138 100

92 48.3 40.1 80.1

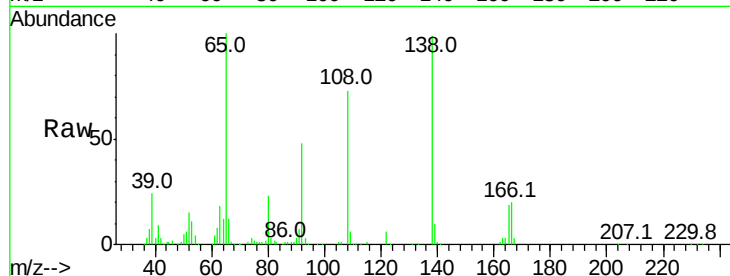
108 73.8 65.4 105.4

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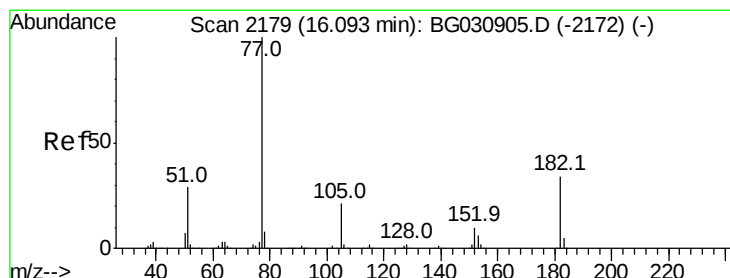
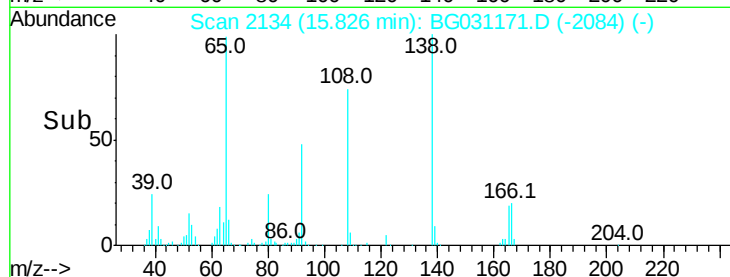
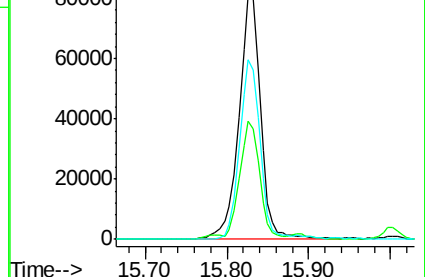
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.470 ng

RT: 16.08 min Scan# 2177

Delta R.T. -0.02 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Tgt Ion: 77 Resp: 505445

Ion Ratio Lower Upper

77 100

182 33.5 7.4 47.4

105 21.6 0.3 40.3

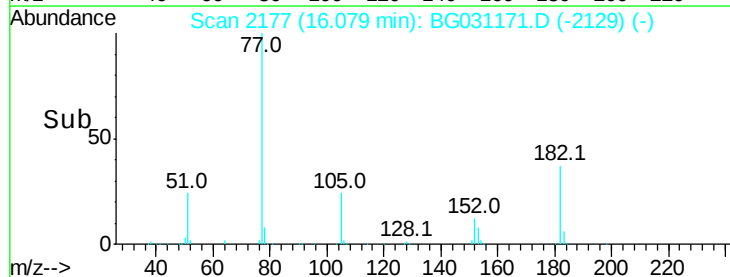
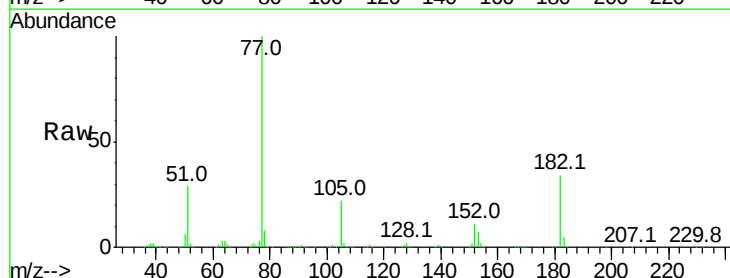
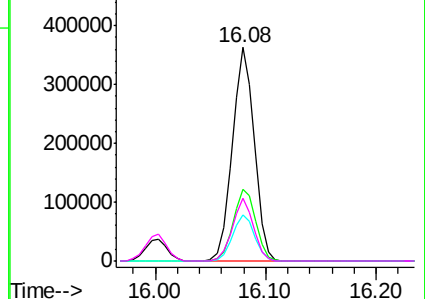
51 29.1 11.6 51.6

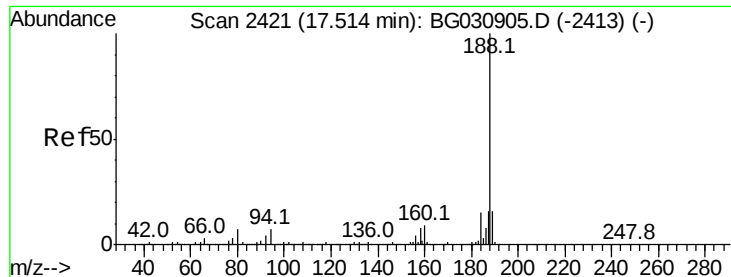
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

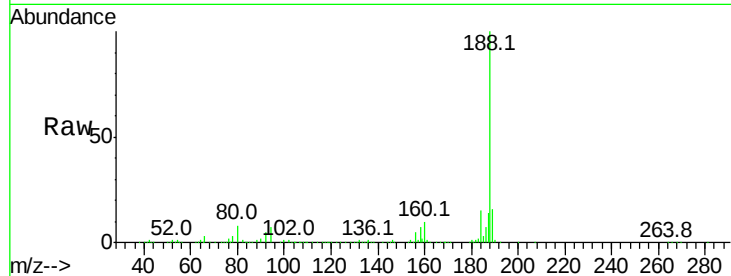
ClientSampleId :

PB104448BSD

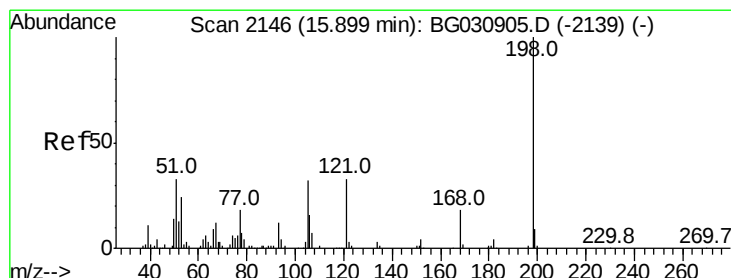
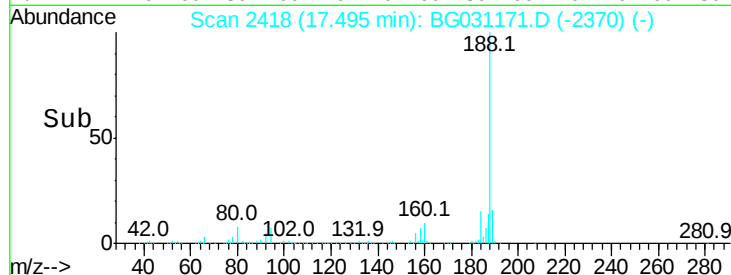
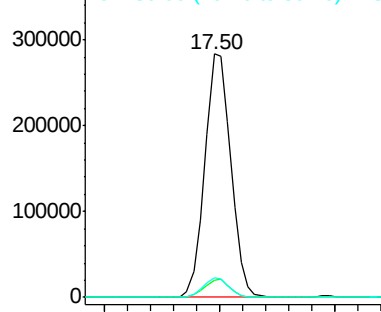
Tot Ion:	188	Resp:	442039
Ion Ratio	Lower	Upper	
188	100		
94	7.0	6.9	10.3
80	8.3	7.7	11.5

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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 42.532 ng

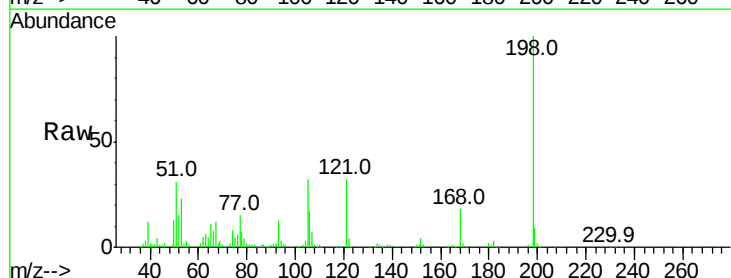
RT: 15.89 min Scan# 2145

Delta R.T. 0.00 min

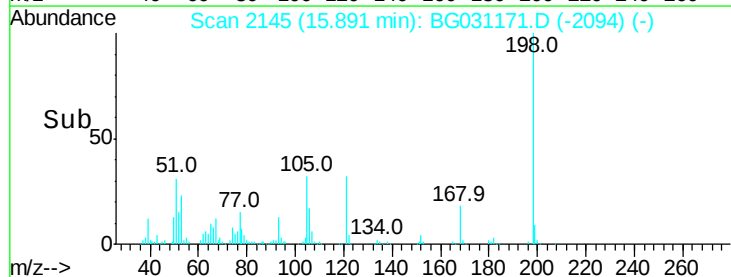
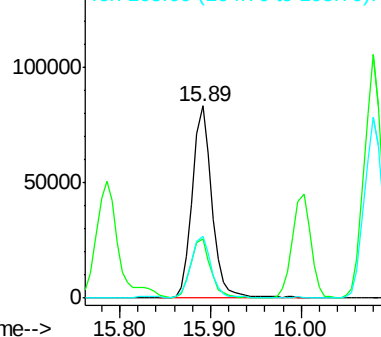
Lab File: BG031171.D

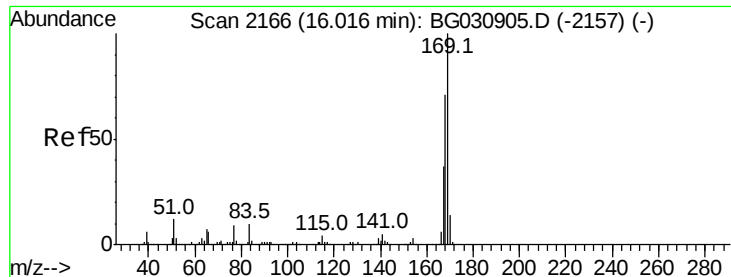
Acq: 22 Nov 2017 3:29

Tgt Ion:	198	Resp:	124967
Ion Ratio	Lower	Upper	
198	100		
51	30.9	30.6	70.6
105	31.9	23.8	63.8



Abundance Ion 198.00 (197.70 to 198.70): E





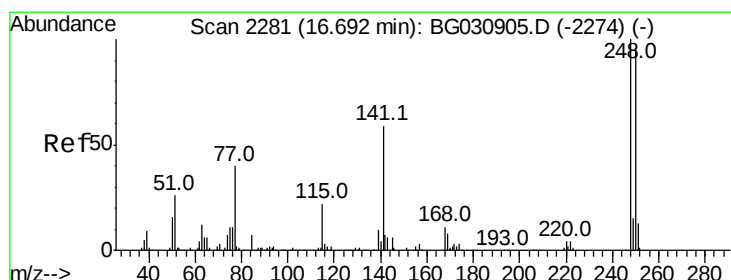
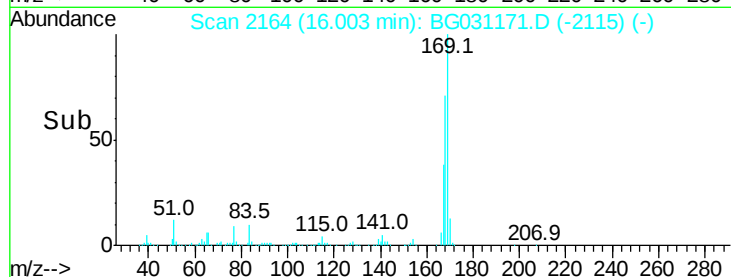
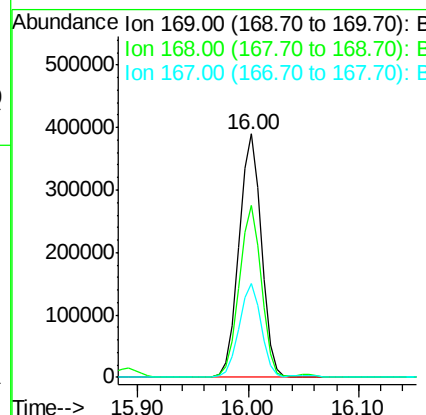
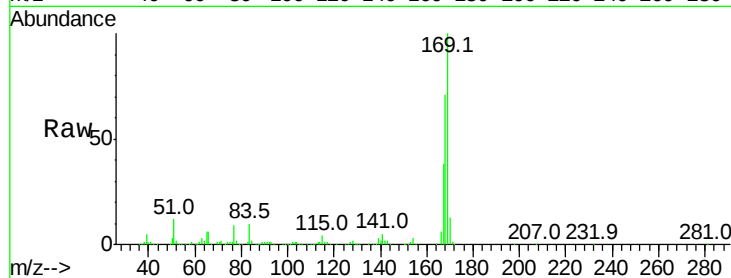
#65
n-Nitrosodiphenylamine
Concen: 41.599 ng
RT: 16.00 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Instrument :
BNA_G
ClientSampleId :
PB104448BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		557207		
168	70.7	55.7		83.5	
167	38.4	30.1		45.1	

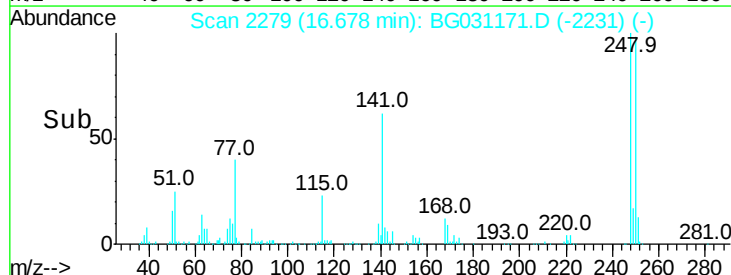
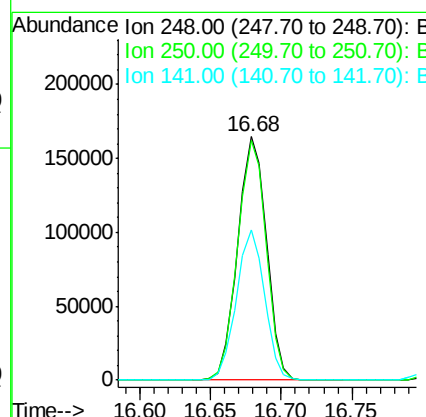
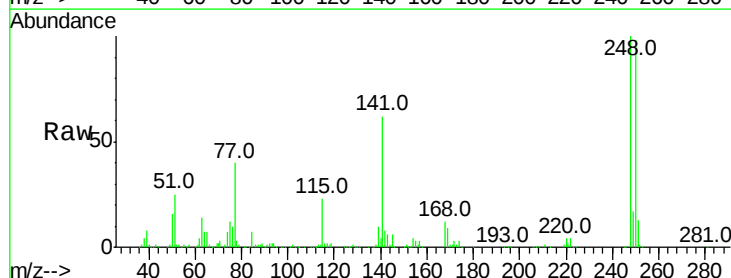
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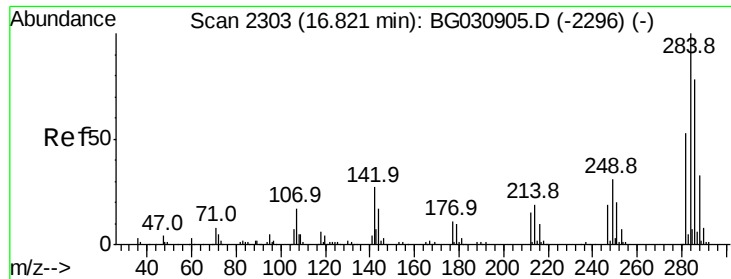
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#66
4-Bromophenyl-phenylether
Concen: 41.976 ng
RT: 16.68 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		235006		
250	98.3	77.1		115.7	
141	61.9	50.8		76.2	





#67

Hexachlorobenzene

Concen: 40.063 ng

RT: 16.81 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

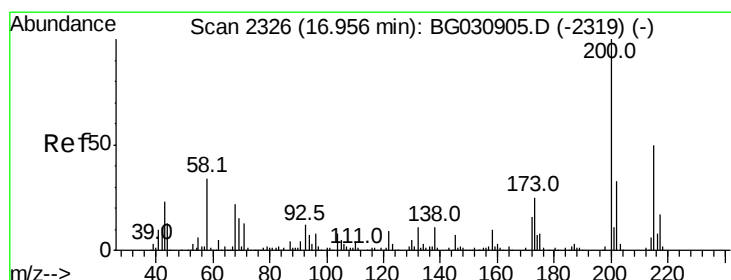
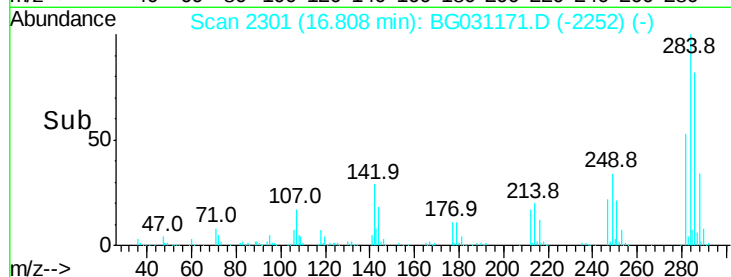
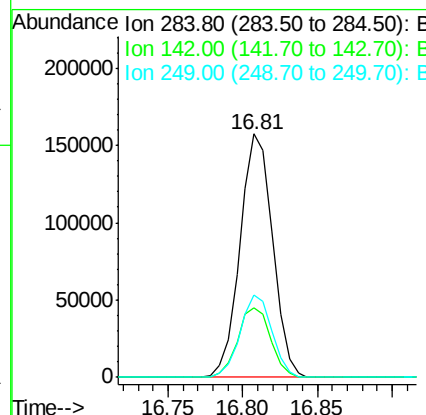
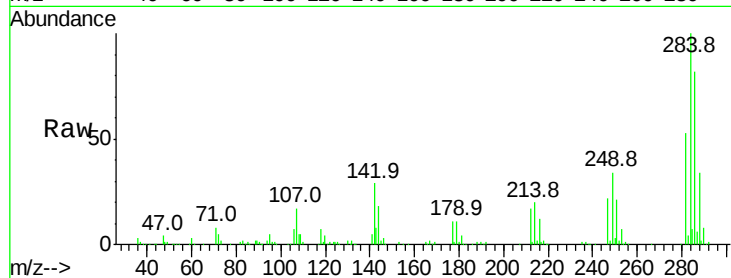
ClientSampleId :

PB104448BSD

Tot Ion:	284	Resp:	238328
Ion Ratio		Lower	Upper
284	100		
142	28.8	26.8	40.2
249	34.0	26.3	39.5

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#68

Atrazine

Concen: 37.674 ng

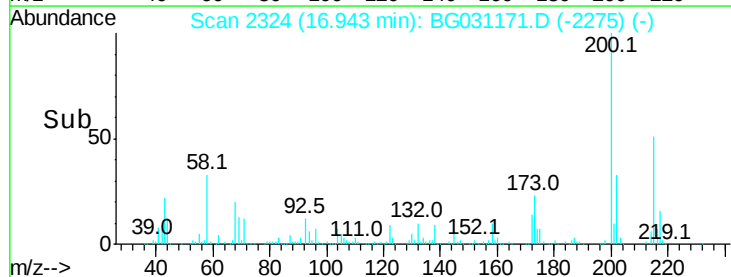
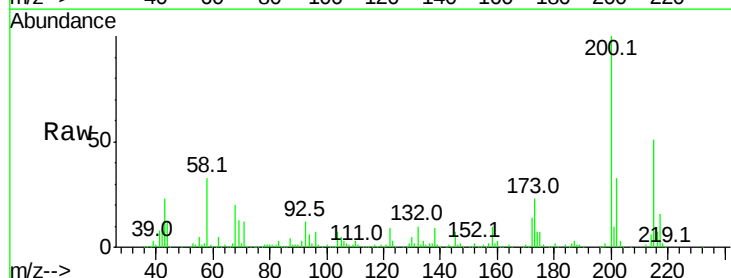
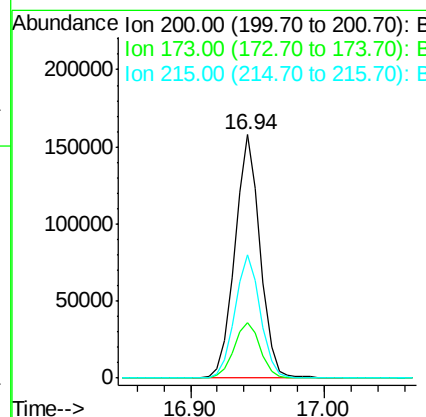
RT: 16.94 min Scan# 2324

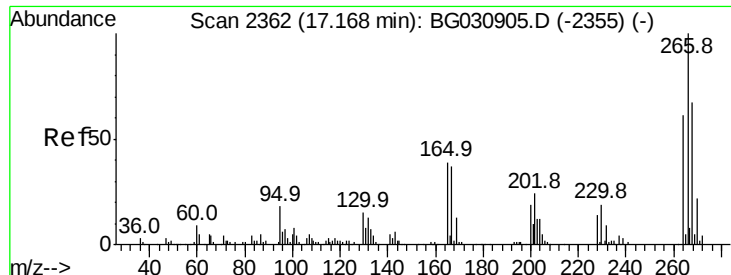
Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Tgt Ion:	200	Resp:	208212
Ion Ratio		Lower	Upper
200	100		
173	22.5	5.2	45.2
215	50.6	30.4	70.4





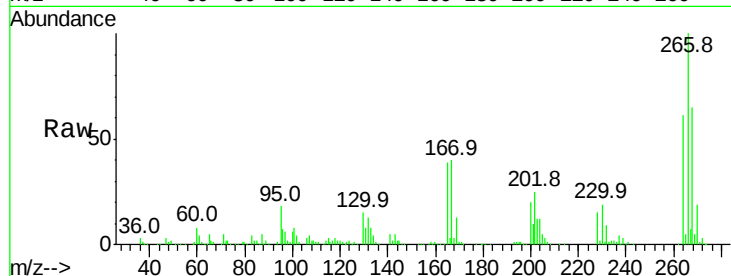
#69
 Pentachlorophenol
 Concen: 73.325 ng
 RT: 17.15 min Scan# 2360
 Delta R.T. -0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Instrument :
 BNA_G
 ClientSampleId :
 PB104448BSD

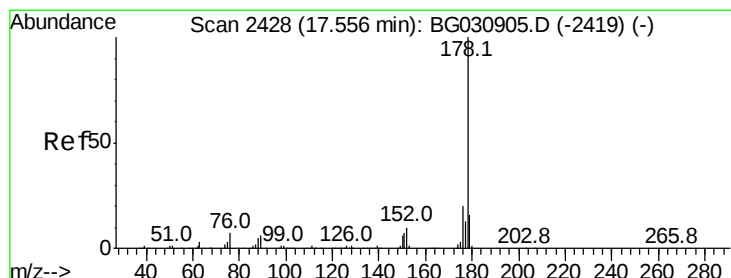
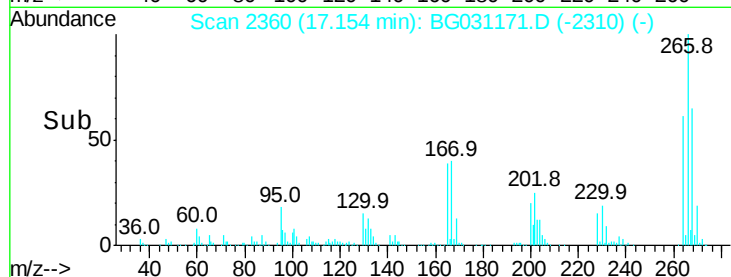
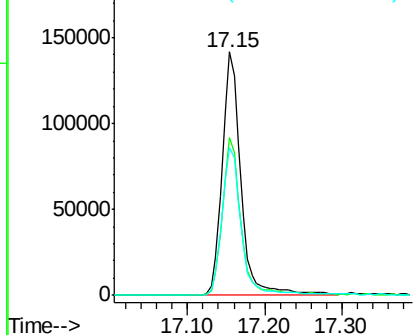
Tot Ion	Ratio	Resp	Lower	Upper
266	100	241118		
268	64.7	51.1	76.7	
264	60.5	49.6	74.4	

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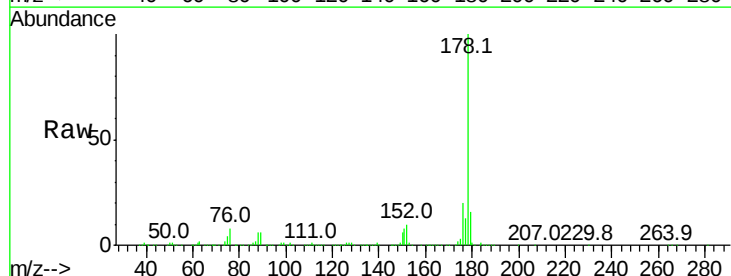


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

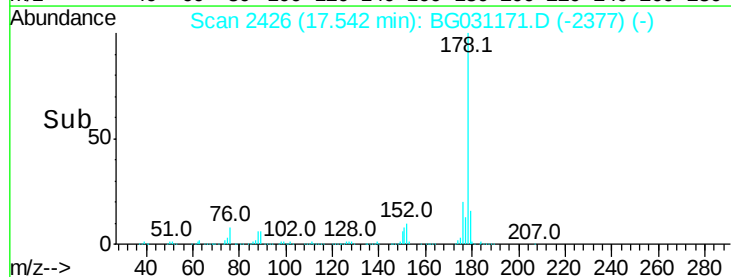
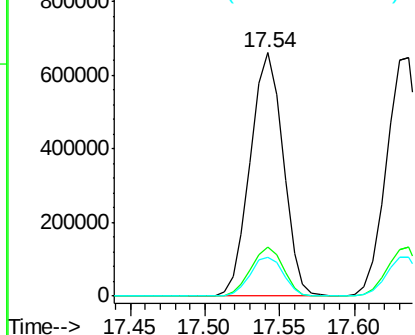


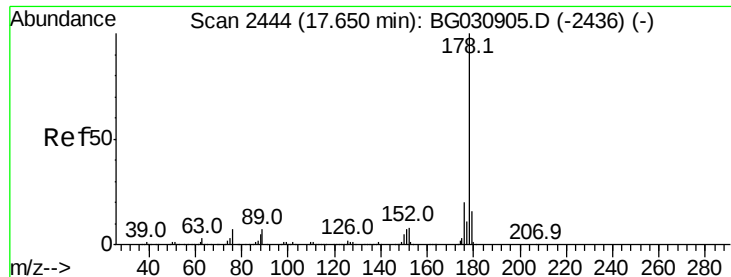
#70
 Phenanthrene
 Concen: 43.768 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1007353		
176	20.2	15.7	23.5	
179	16.1	12.5	18.7	



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





#71

Anthracene

Concen: 44.803 ng

RT: 17.64 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

ClientSampleId :

PB104448BSD

Tot Ion:178 Resp: 1033243

Ion Ratio Lower Upper

178 100

176 20.7 16.0 24.0

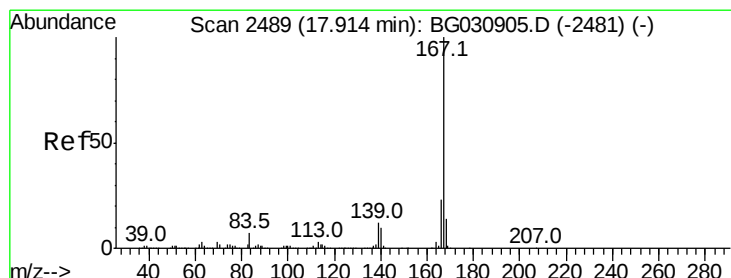
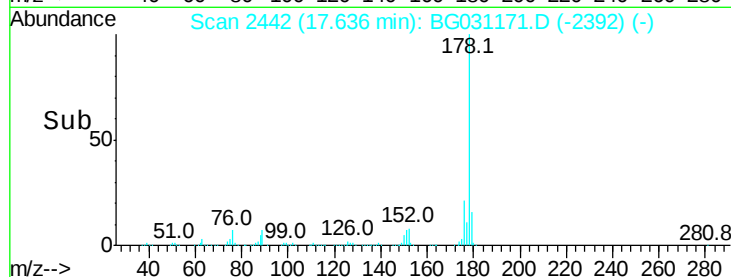
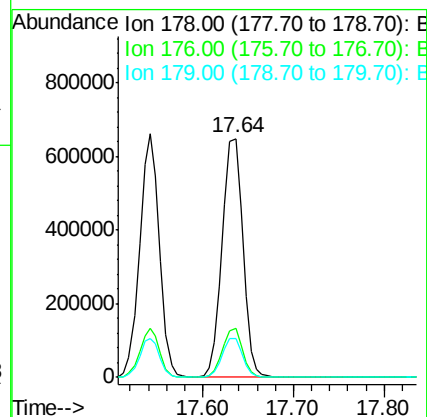
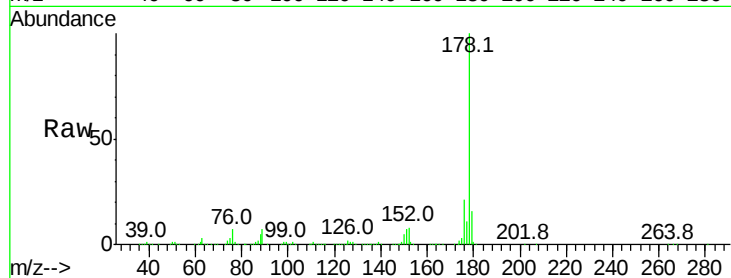
179 16.0 12.5 18.7

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#72

Carbazole

Concen: 43.729 ng

RT: 17.90 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

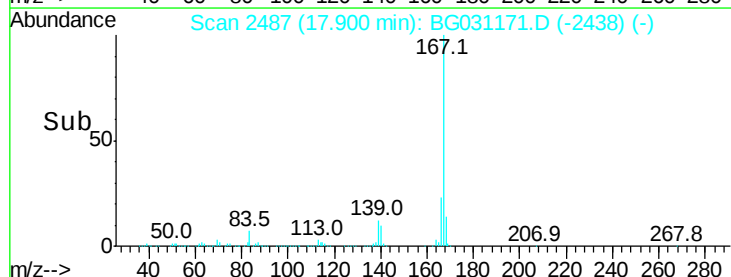
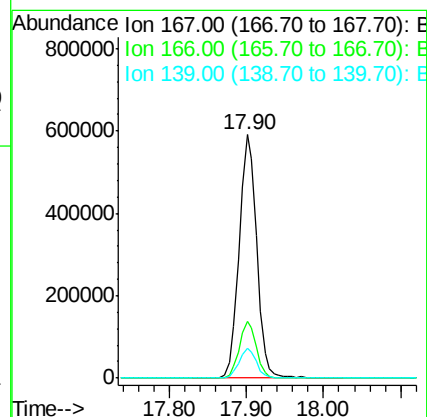
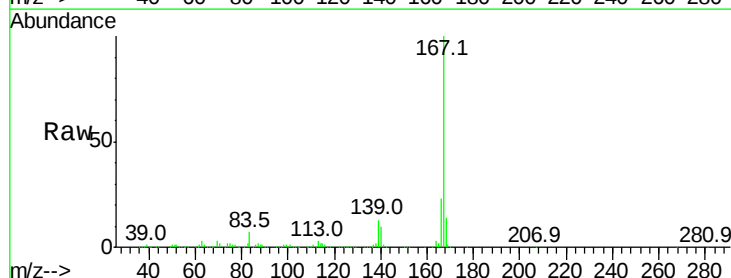
Tgt Ion:167 Resp: 944933

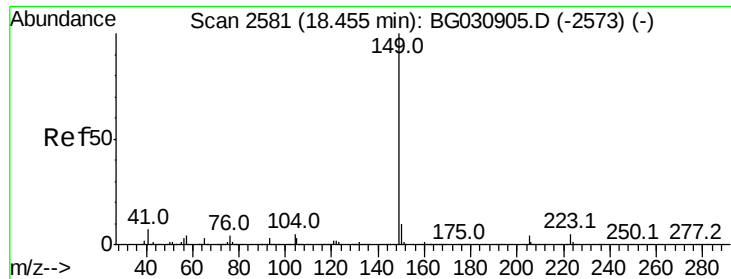
Ion Ratio Lower Upper

167 100

166 23.3 18.2 27.4

139 12.5 9.4 14.2





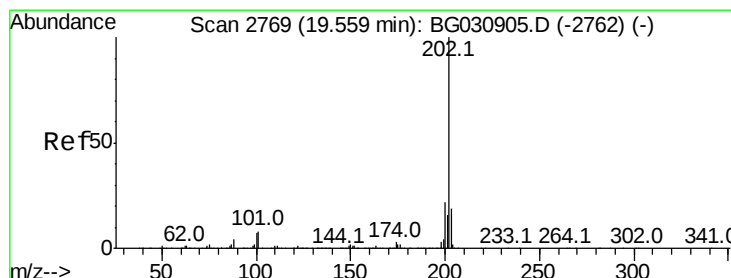
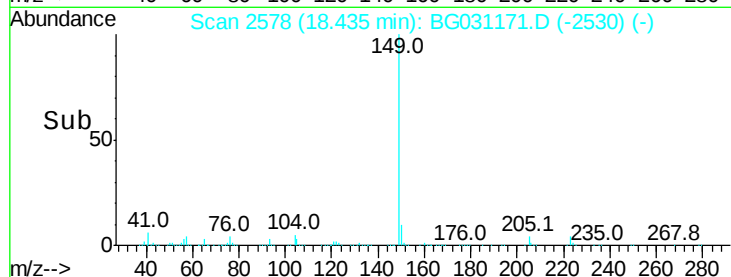
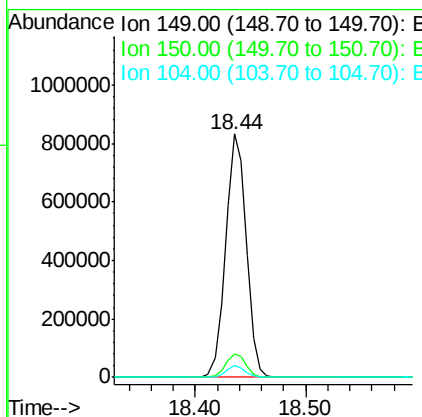
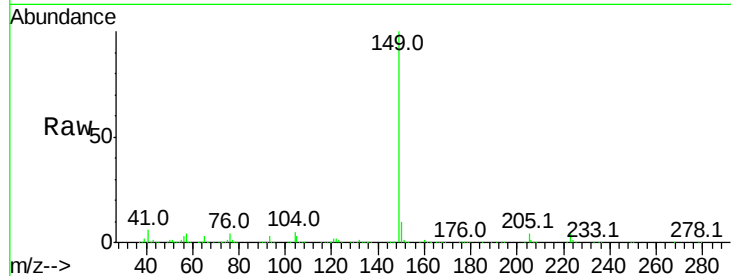
#73
Di-n-butylphthalate
Concen: 41.112 ng
RT: 18.44 min Scan# 2578
Delta R.T. -0.02 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Instrument :
BNA_G
ClientSampleId :
PB104448BSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	4.9	3.9	5.9

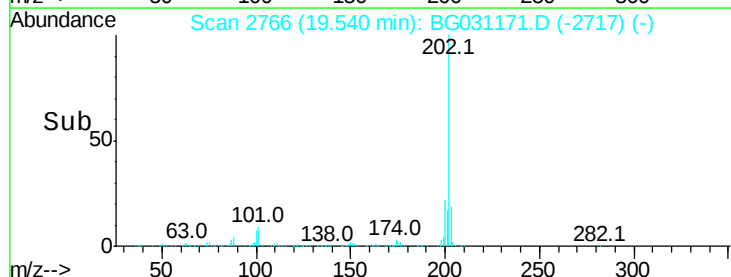
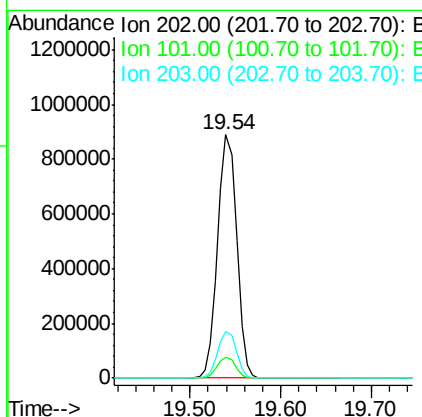
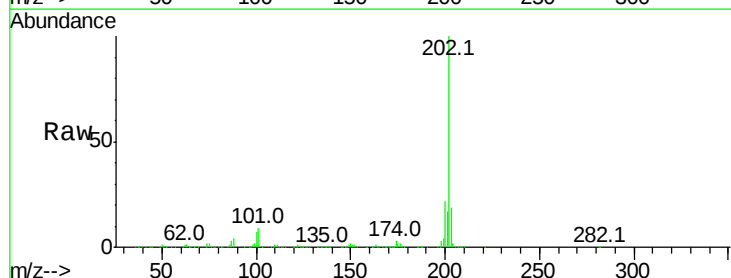
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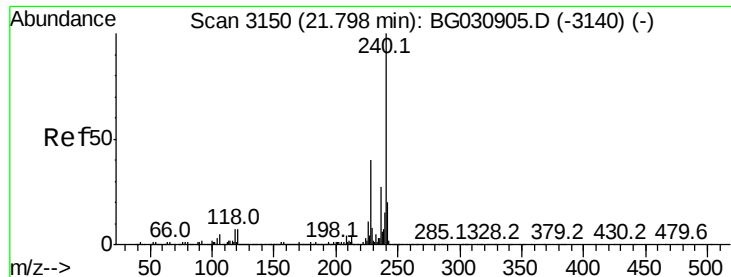
Sohil
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#74
Fluoranthene
Concen: 44.523 ng
RT: 19.54 min Scan# 2766
Delta R.T. -0.01 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	28.9
203	19.0	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

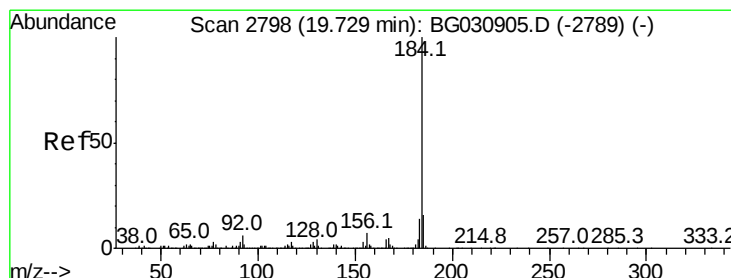
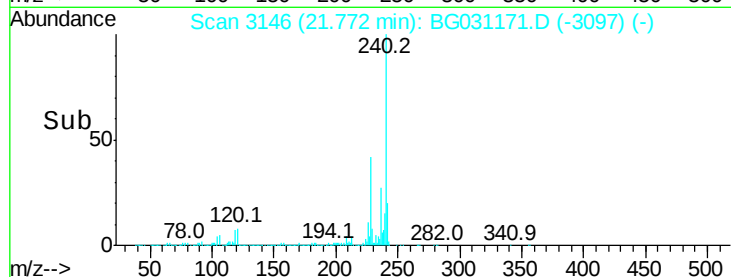
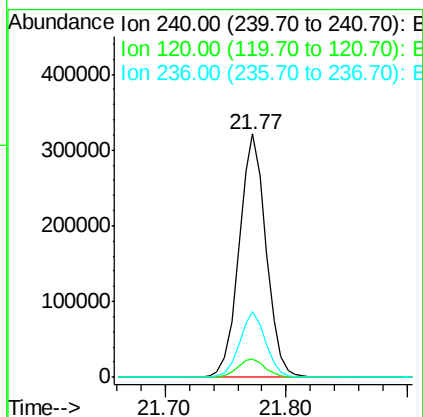
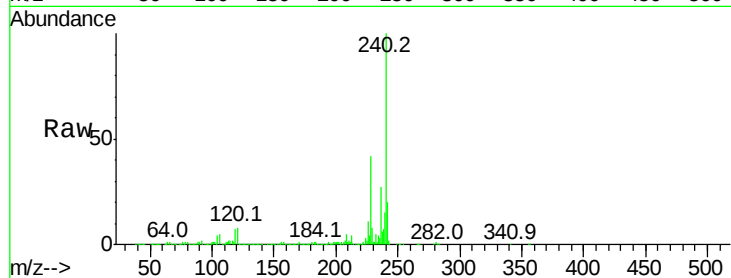
ClientSampleId :

PB104448BSD

Tot Ion:	240	Resp:	498047
Ion Ratio	Lower	Upper	
240	100		
120	7.5	6.8	10.2
236	26.8	20.9	31.3

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#76

Benzidine

Concen: 50.785 ng

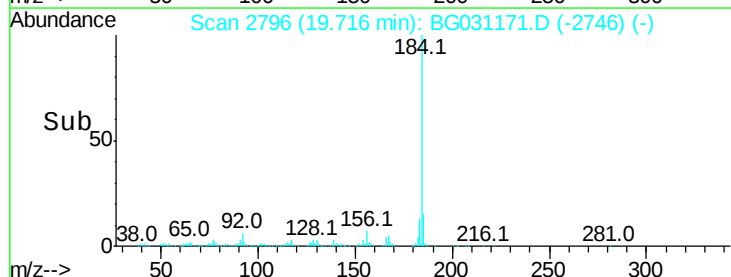
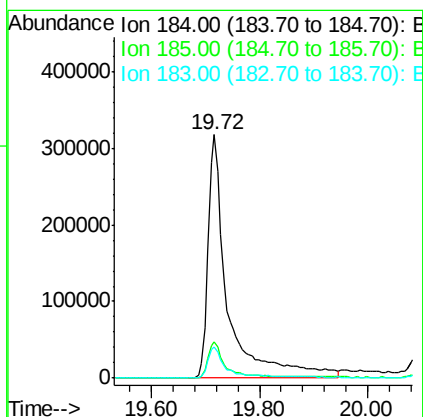
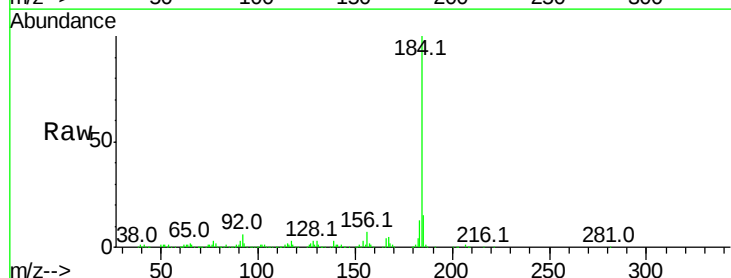
RT: 19.72 min Scan# 2796

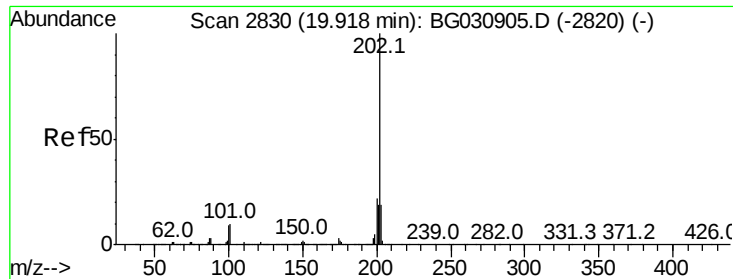
Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Tgt Ion:	184	Resp:	812480
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.1	16.7
183	12.7	10.6	16.0





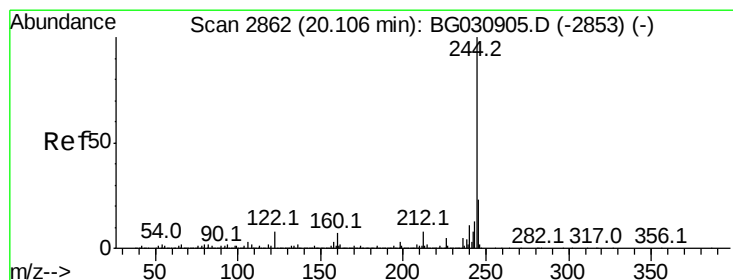
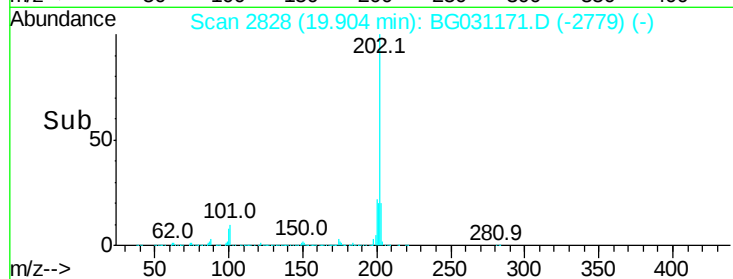
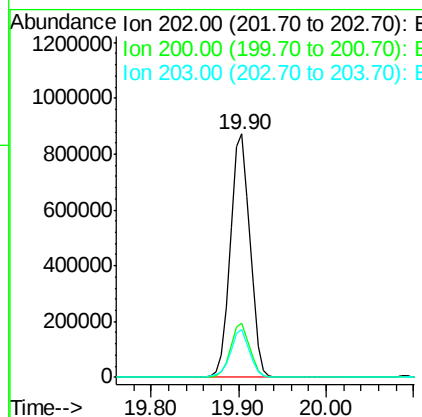
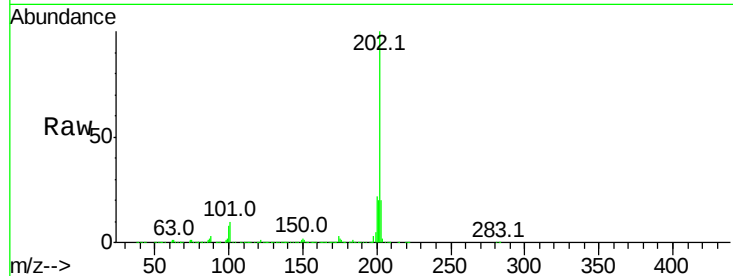
#77
Pvrene
Concen: 44.683 ng
RT: 19.90 min Scan# 2828
Delta R.T. -0.01 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Instrument :
BNA_G
ClientSampleId :
PB104448BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	16.9	25.3
203	19.7	13.9	20.9

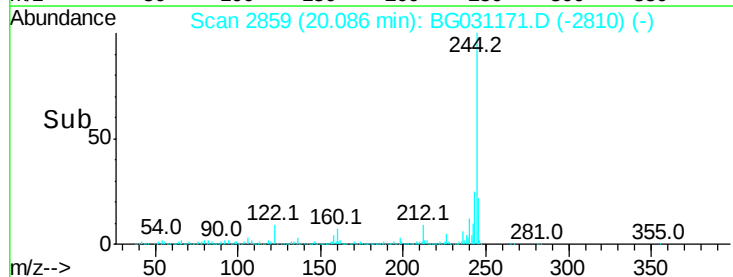
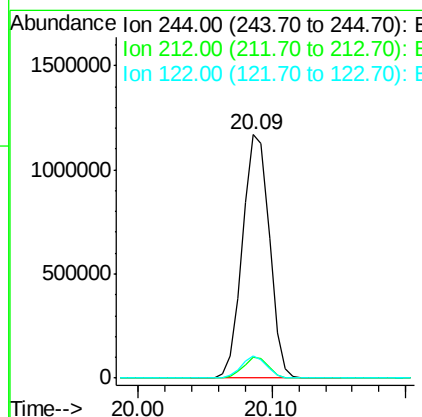
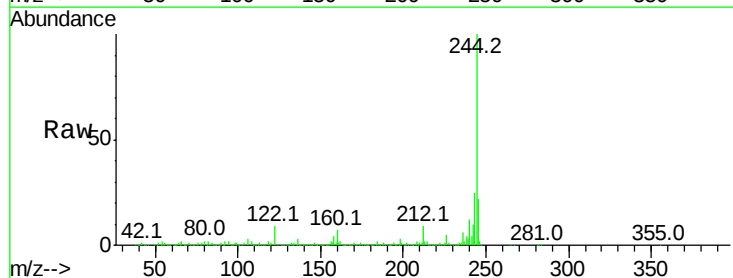
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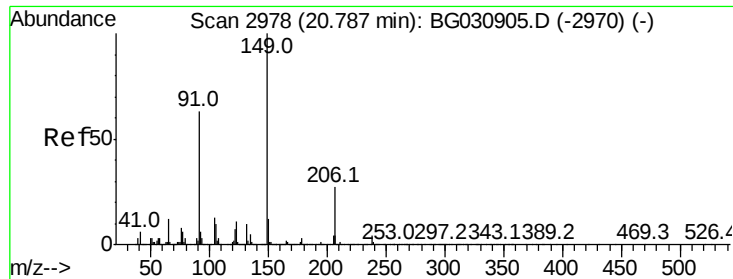
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#78
Terphenyl-d14
Concen: 72.043 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	9.1	7.0	10.4





#79

Butylbenzylphthalate

Concen: 44.162 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.02 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

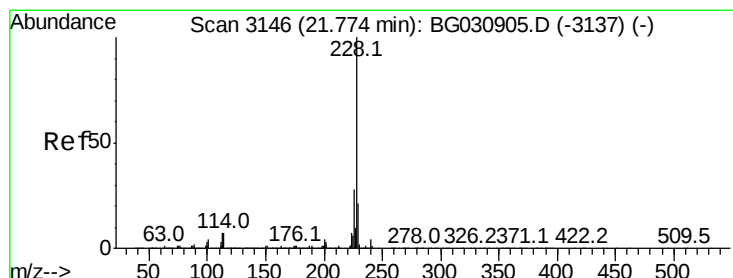
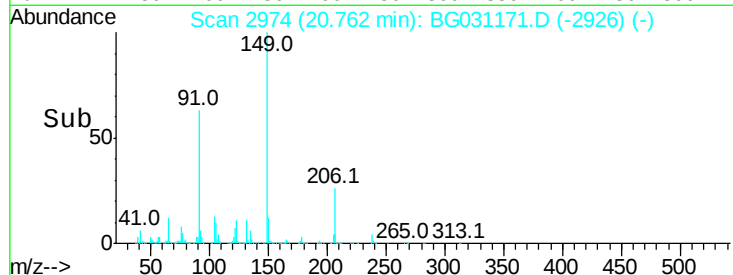
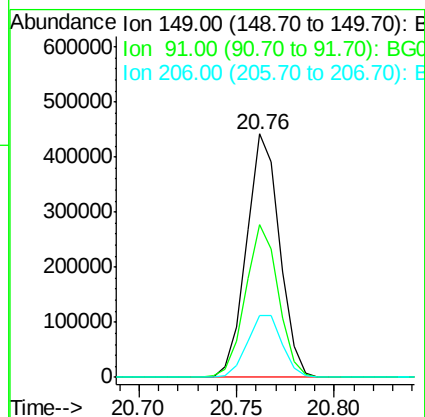
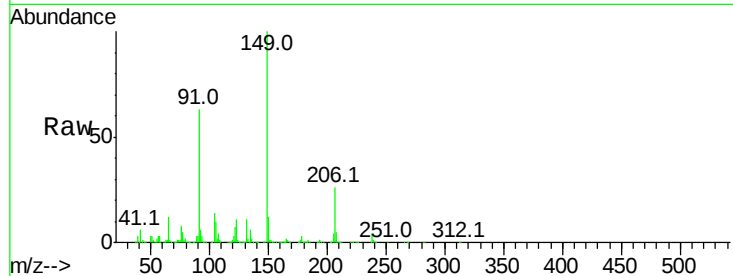
ClientSampleId :

PB104448BSD

Tot Ion:	149	Resp:	520397
Ion Ratio	Lower	Upper	
149	100		
91	62.8	62.2	93.2
206	25.7	18.6	27.8

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 43.191 ng

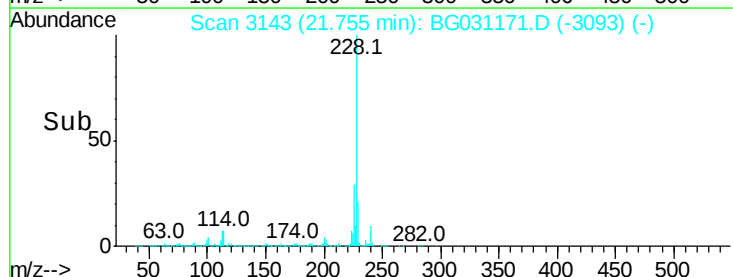
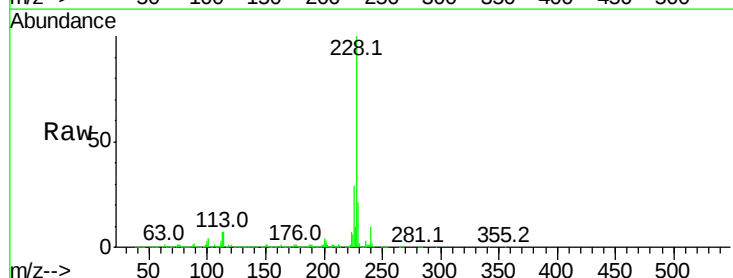
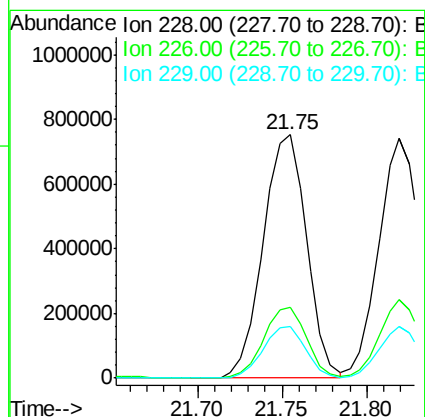
RT: 21.75 min Scan# 3143

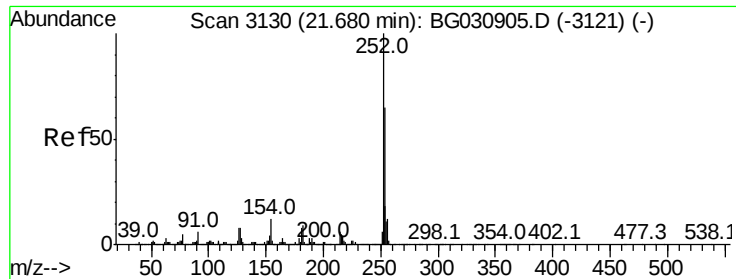
Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Tgt Ion:	228	Resp:	1336168
Ion Ratio	Lower	Upper	
228	100		
226	29.3	22.7	34.1
229	21.4	16.2	24.2





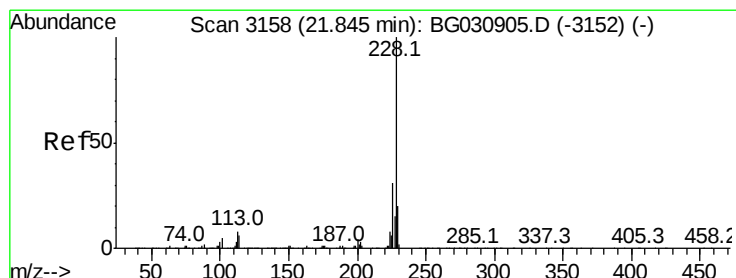
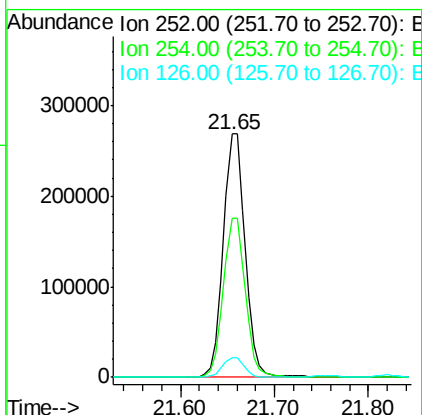
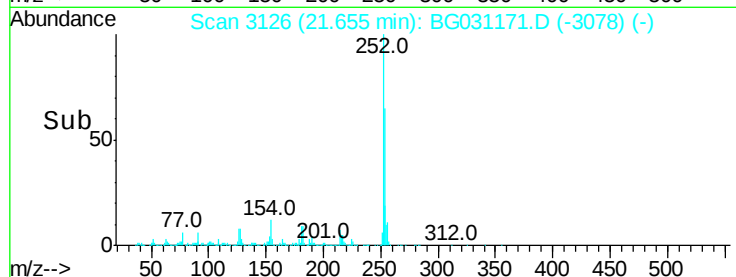
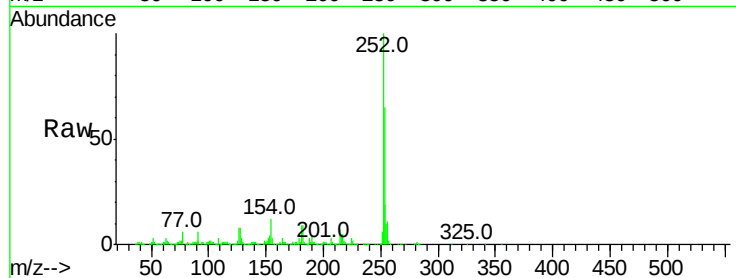
#81
 3,3'-Dichlorobenzidine
 Concen: 35.114 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Instrument :
 BNA_G
 ClientSampleId :
 PB104448BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	50.8	76.2
126	8.3	7.4	11.2

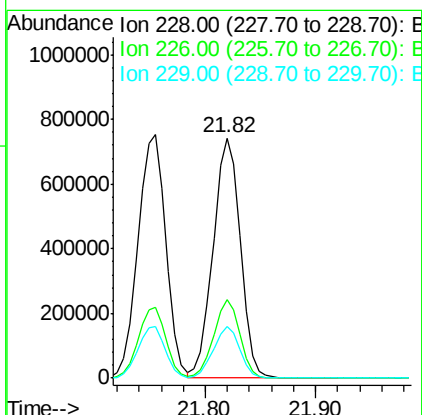
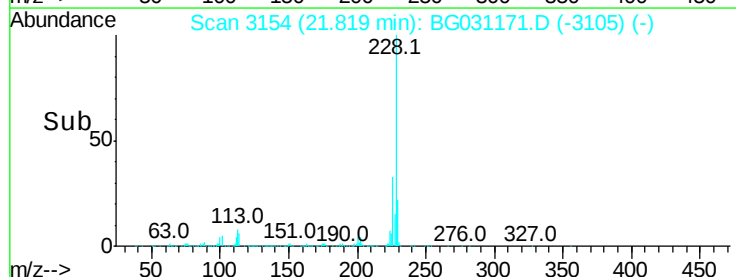
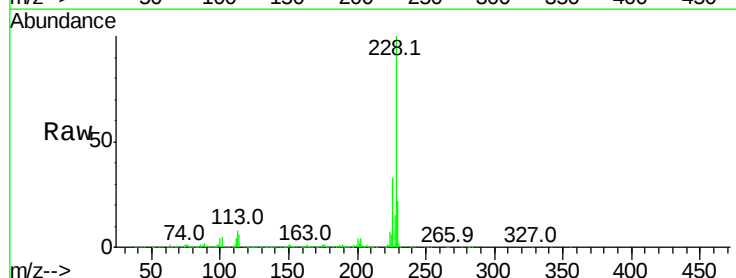
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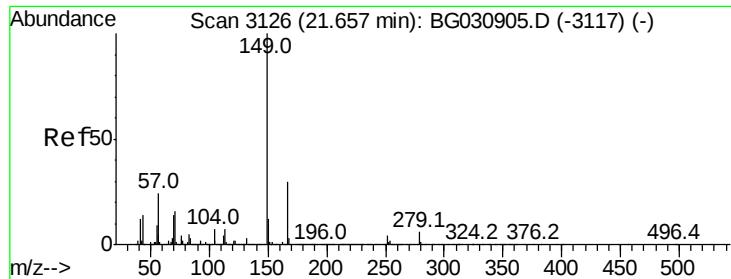
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#82
 Chrysene
 Concen: 44.146 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. -0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.9	37.3
229	21.7	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.166 ng

RT: 21.63 min Scan# 3121

Delta R.T. -0.02 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

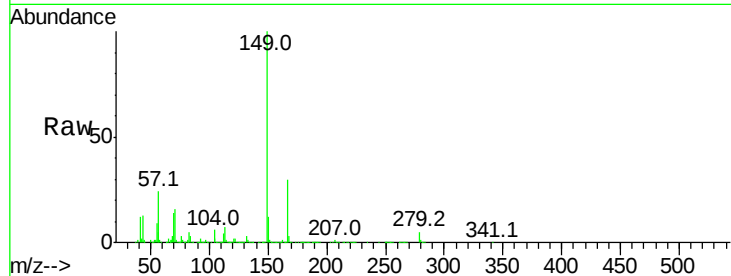
ClientSampleId :

PB104448BSD

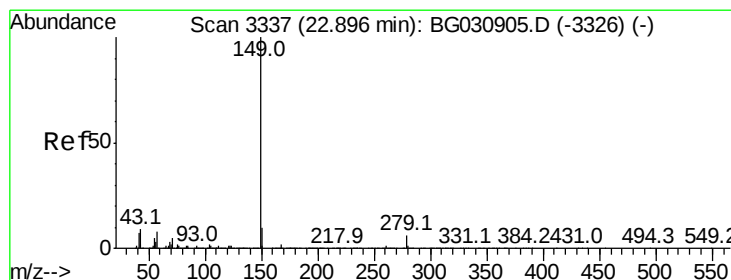
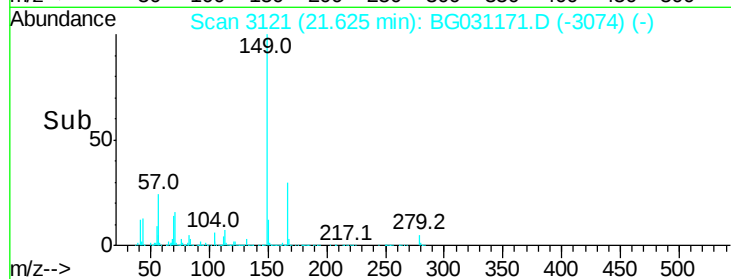
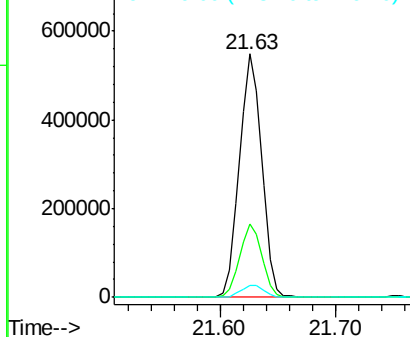
Tot Ion:	149	Resp:	734248
Ion Ratio	Lower	Upper	
149	100		
167	30.3	24.3	36.5
279	5.1	4.0	6.0

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.614 ng

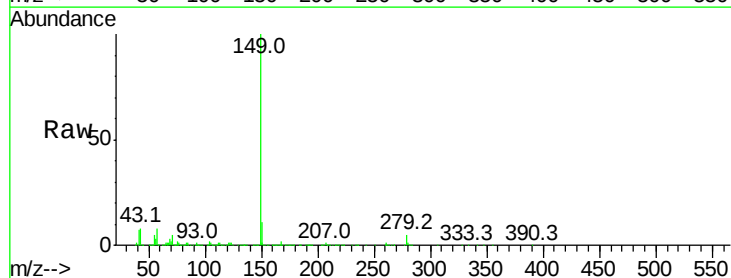
RT: 22.85 min Scan# 3330

Delta R.T. -0.04 min

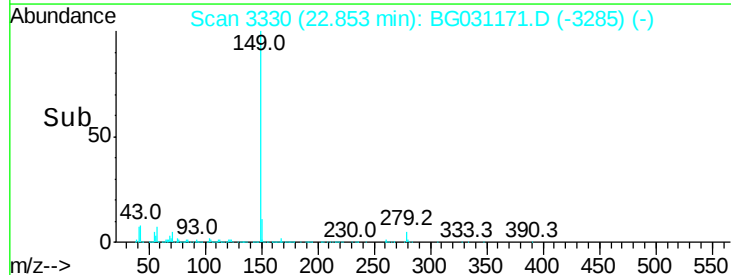
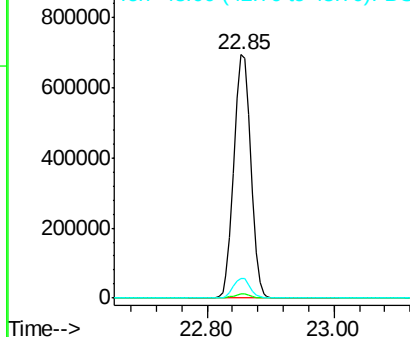
Lab File: BG031171.D

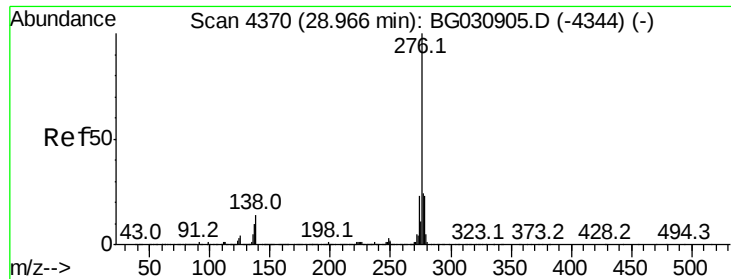
Acq: 22 Nov 2017 3:29

Tgt Ion:	149	Resp:	1262845
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	8.2	8.9	13.3#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.484 ng

RT: 28.87 min Scan# 4354

Delta R.T. -0.02 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

ClientSampleId :

PB104448BSD

Tot Ion:276 Resp: 1478026

Ion Ratio Lower Upper

276 100

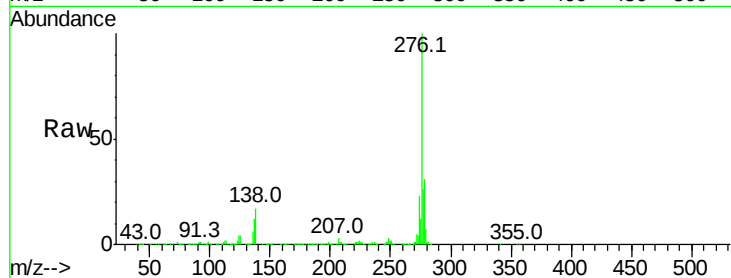
138 19.8 16.0 24.0

277 26.3 20.0 30.0

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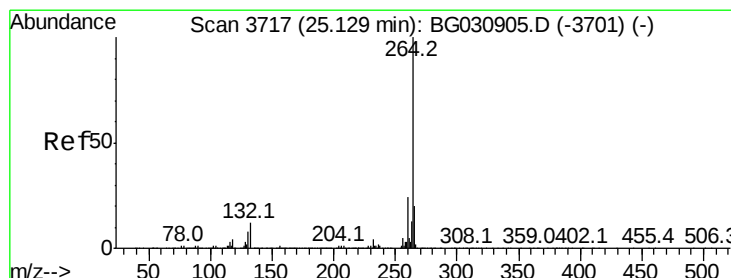
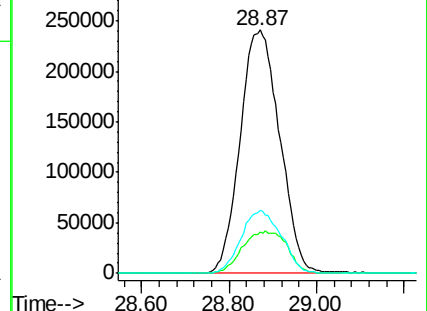
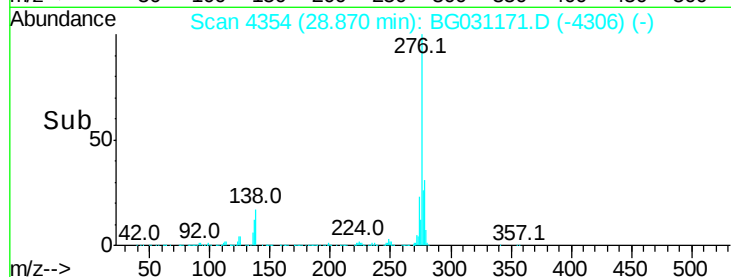
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3708

Delta R.T. -0.02 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

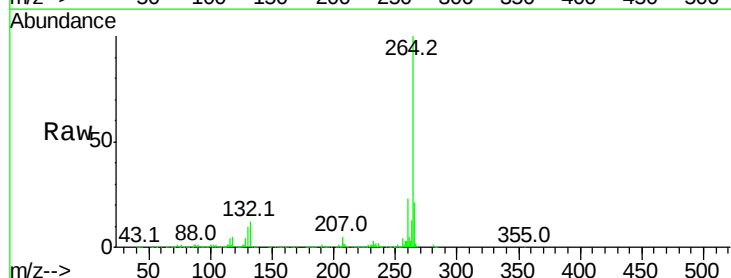
Tgt Ion:264 Resp: 497153

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

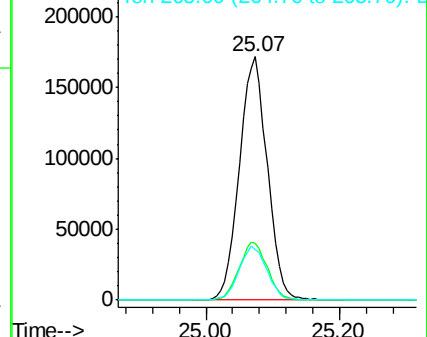
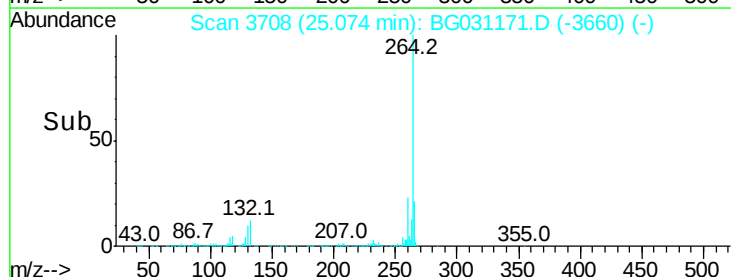
265 20.9 17.7 26.5

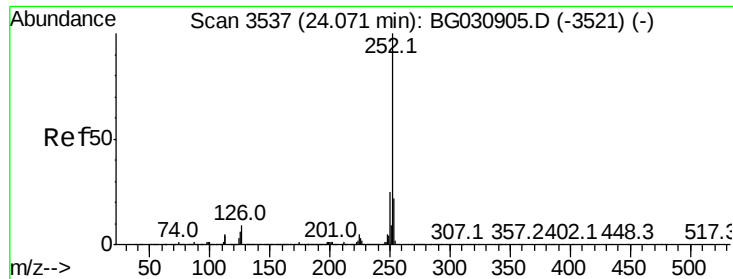


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 45.453 ng

RT: 24.02 min Scan# 3529

Delta R.T. -0.02 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

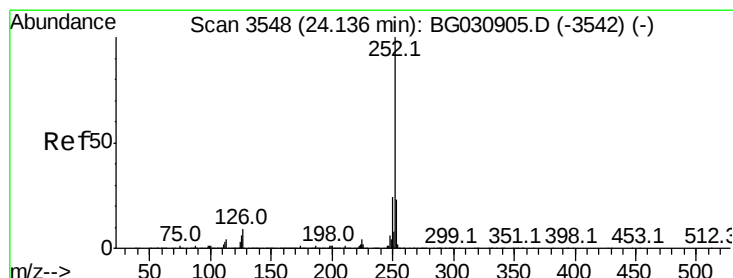
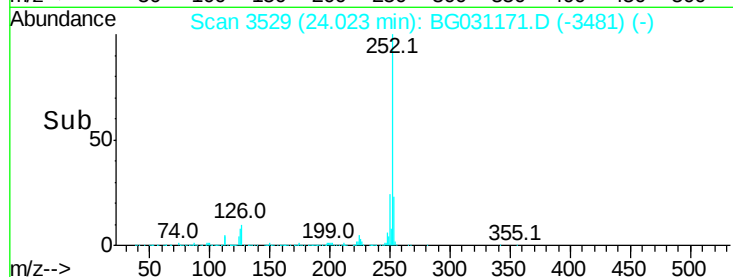
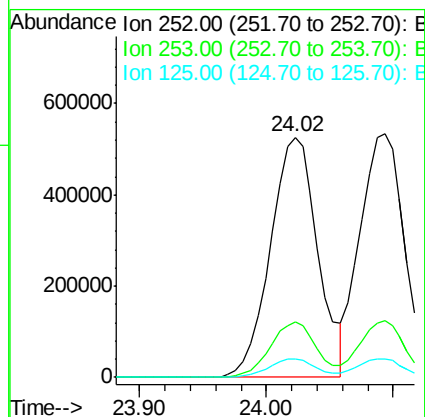
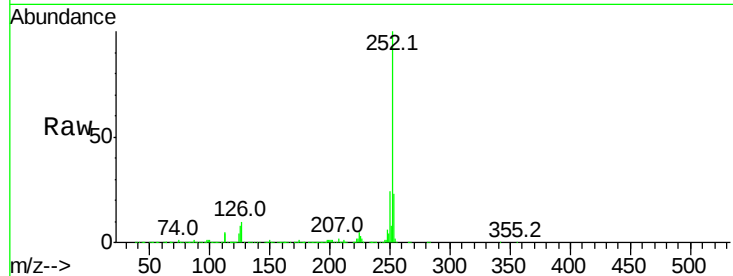
ClientSampleId :

PB104448BSD

Tot Ion:	252	Resp:	1366907
Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	7.8	7.2	10.8

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#88

Benzo(k)fluoranthene

Concen: 43.388 ng

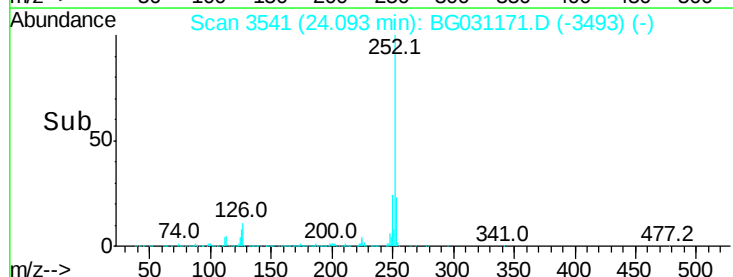
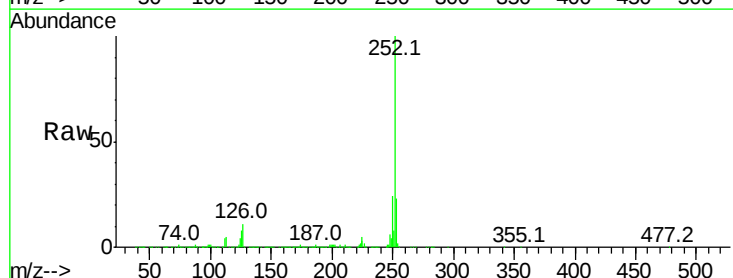
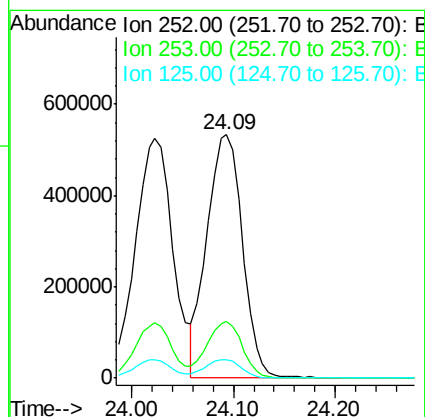
RT: 24.09 min Scan# 3541

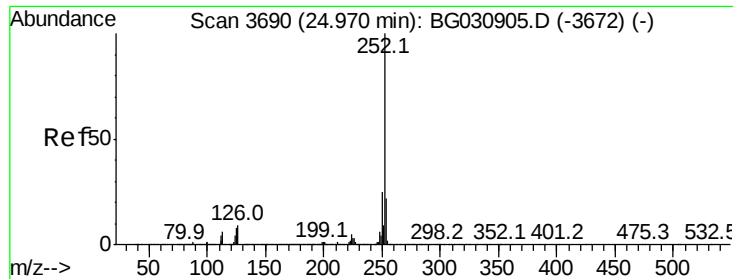
Delta R.T. -0.02 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Tgt Ion:	252	Resp:	1293327
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	7.6	6.6	9.8





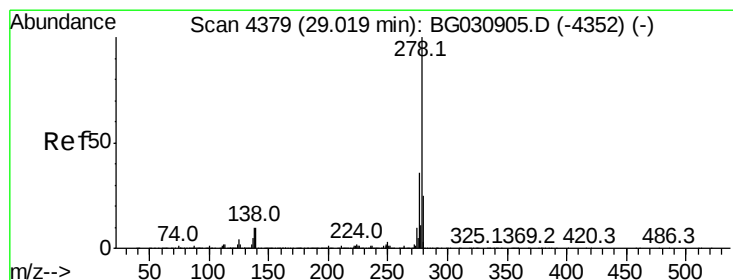
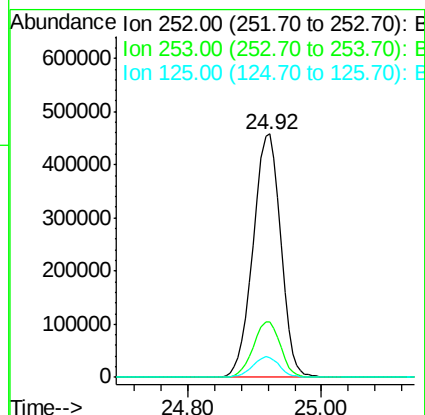
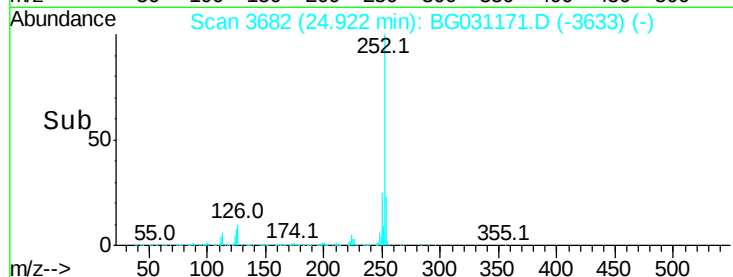
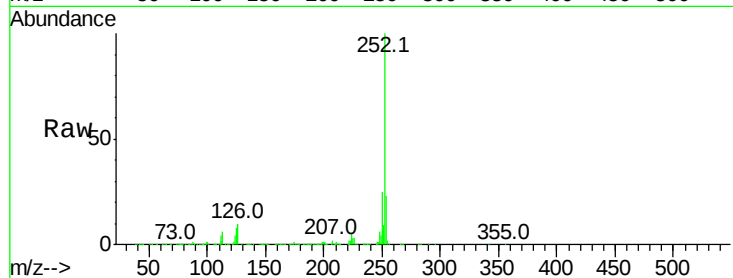
#89
Benzo(a)pyrene
Concen: 45.642 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.01 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Instrument :
BNA_G
ClientSampleId :
PB104448BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	8.2	7.3	10.9

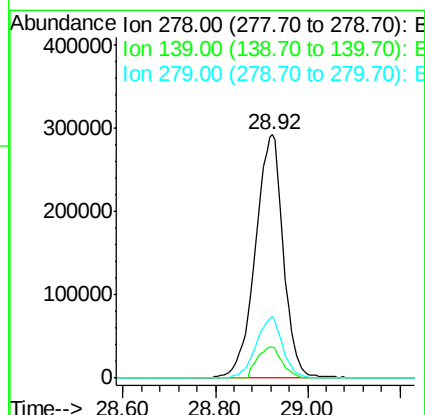
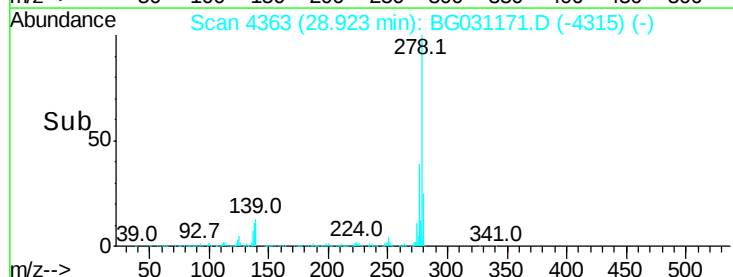
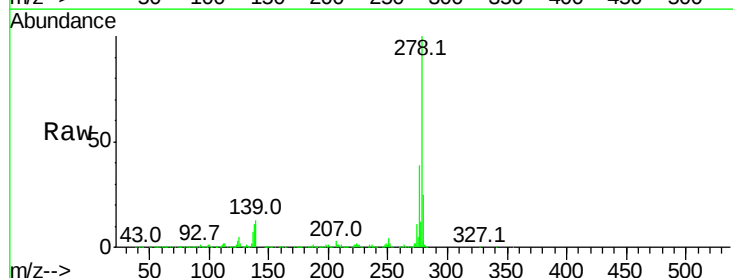
Manual Integrations
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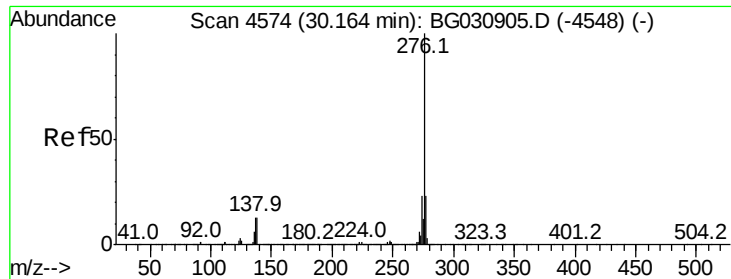
Sohil
11/22/2017 4:35:28 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.995 ng
RT: 28.92 min Scan# 4363
Delta R.T. -0.02 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.7	9.8	14.6
279	25.4	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 42.453 ng
 RT: 30.06 min Scan# 4557
 Delta R.T. -0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Instrument :
 BNA_G
 ClientSampleId :
 PB104448BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.3	27.5
138	16.4	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 11/22/2017 4:35:28 PM

