

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120617\
 Data File : BG031371.D
 Acq On : 6 Dec 2017 15:13
 Operator : SJ/JU
 Sample : PB104763BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104763BS

Manual Integrations
 APPROVED

Sohil
 12/7/2017 11:37:24 AM

Quant Time: Dec 06 18:01:57 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	60990	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	262805	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	174597	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	448252	20.00	ng	0.00
75) Chrysene-d12	21.77	240	518680	20.00	ng	0.00
86) Perylene-d12	25.07	264	513420	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	550228	154.70	ng	0.00
7) Phenol-d6	7.30	99	703623	146.84	ng	0.00
23) Nitrobenzene-d5	9.30	82	430623	97.10	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	312949	110.80	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1144938	94.23	ng	0.00
78) Terphenyl-d14	20.09	244	2107367	89.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	52145	36.127	ng	86
3) Pyridine	3.94	79	154164	36.791	ng	91
4) n-Nitrosodimethylamine	3.86	42	81403	40.990	ng	# 95
6) Aniline	7.45	93	165446	26.236	ng	95
8) 2-Chlorophenol	7.69	128	176397	44.941	ng	91
9) Benzaldehyde	7.26	77	77182	23.018	ng	91
10) Phenol	7.32	94	224389	45.092	ng	93
11) bis(2-Chloroethyl)ether	7.54	93	164599	41.427	ng	91
12) 1,3-Dichlorobenzene	8.02	146	190949	41.464	ng	97
13) 1,4-Dichlorobenzene	8.16	146	195905	41.980	ng	95
14) 1,2-Dichlorobenzene	8.48	146	183536	40.976	ng	99
15) Benzyl Alcohol	8.37	79	151024	39.293	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	254190	57.919	ng	91
17) 2-Methylphenol	8.58	107	149230	43.065	ng	94
18) Hexachloroethane	9.21	117	68419	42.125	ng	94
19) n-Nitroso-di-n-propylamine	8.93	70	130666	35.864	ng	# 95
20) 3+4-Methylphenols	8.91	107	206855	41.980	ng	94
22) Acetophenone	8.95	105	249883	38.188	ng	# 95
24) Nitrobenzene	9.34	77	198160	43.740	ng	93
25) Isophorone	9.86	82	362316	41.888	ng	# 93
26) 2-Nitrophenol	10.06	139	99211	42.013	ng	91
27) 2,4-Dimethylphenol	10.11	122	171272	48.854	ng	92
28) bis(2-Chloroethoxy)methane	10.33	93	227821	41.820	ng	94
29) 2,4-Dichlorophenol	10.60	162	192387	45.699	ng	94
30) 1,2,4-Trichlorobenzene	10.80	180	213597	42.498	ng	96
31) Naphthalene	10.99	128	540218	41.815	ng	98
32) Benzoic acid	10.27	122	68381	26.318	ng	# 84
33) 4-Chloroaniline	11.11	127	93803	16.586	ng	95
34) Hexachlorobutadiene	11.27	225	139381	39.987	ng	98
35) Caprolactam	11.88	113	67533m	39.269	ng	
36) 4-Chloro-3-methylphenol	12.23	107	189786	41.421	ng	# 84
37) 2-Methylnaphthalene	12.59	142	423530	42.466	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	255560	36.879	ng	97
40) Hexachlorocyclopentadiene	12.93	237	240141	91.874	ng	95

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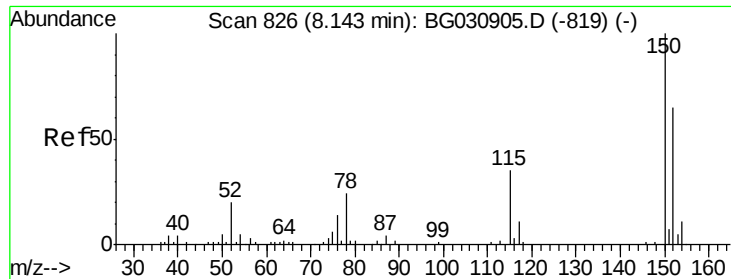
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	167190	42.204	ng	100
43) 2,4,5-Trichlorophenol	13.28	196	175771	40.553	ng	94
45) 1,1'-Biphenyl	13.59	154	549301	37.940	ng	97
46) 2-Chloronaphthalene	13.63	162	455404	43.596	ng	96
47) 2-Nitroaniline	13.84	65	125440	40.514	ng	# 77
48) Acenaphthylene	14.48	152	681191	39.842	ng	99
49) Dimethylphthalate	14.20	163	591266	39.166	ng	99
50) 2,6-Dinitrotoluene	14.33	165	132845	42.694	ng	# 81
51) Acenaphthene	14.82	154	420366	39.368	ng	98
52) 3-Nitroaniline	14.66	138	82106	24.851	ng	# 83
53) 2,4-Dinitrophenol	14.88	184	82266	50.399	ng	# 54
54) Dibenzofuran	15.15	168	697082	40.986	ng	97
55) 4-Nitrophenol	14.99	139	194224	82.525	ng	# 83
56) 2,4-Dinitrotoluene	15.12	165	198776	44.189	ng	# 72
57) Fluorene	15.80	166	559133	40.493	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	180571	43.712	ng	# 90
59) Diethylphthalate	15.55	149	591390	38.566	ng	99
60) 4-Chlorophenyl-phenylether	15.78	204	328709	39.417	ng	94
61) 4-Nitroaniline	15.83	138	143829	41.111	ng	90
62) Azobenzene	16.07	77	491897	42.061	ng	96
64) 4,6-Dinitro-2-methylphenol	15.89	198	86649	29.082	ng	79
65) n-Nitrosodiphenylamine	16.00	169	520906	38.349	ng	99
66) 4-Bromophenyl-phenylether	16.67	248	221051	38.936	ng	97
67) Hexachlorobenzene	16.80	284	223424	37.037	ng	99
68) Atrazine	16.94	200	222599	39.719	ng	98
69) Pentachlorophenol	17.15	266	203779	61.111	ng	99
70) Phenanthrene	17.54	178	979128	41.952	ng	99
71) Anthracene	17.63	178	1002496	42.868	ng	98
72) Carbazole	17.89	167	938618	42.835	ng	99
73) Di-n-butylphthalate	18.44	149	1074389	39.933	ng	100
74) Fluoranthene	19.54	202	1322317	44.748	ng	98
76) Benzidine	19.71	184	433175	25.999	ng	99
77) Pyrene	19.90	202	1357789	44.115	ng	96
79) Butylbenzylphthalate	20.76	149	515484	42.005	ng	85
80) Benzo(a)anthracene	21.75	228	1357267	42.127	ng	98
81) 3,3'-Dichlorobenzidine	21.65	252	325167	25.003	ng	95
82) Chrysene	21.82	228	1279232	42.923	ng	97
83) Bis(2-ethylhexyl)phthalate	21.62	149	726937	41.037	ng	99
84) Di-n-octyl phthalate	22.85	149	1215642	42.163	ng	95
85) Indeno(1,2,3-cd)pyrene	28.86	276	1477987	40.793	ng	99
87) Benzo(b)fluoranthene	24.02	252	1332716	42.912	ng	98
88) Benzo(k)fluoranthene	24.09	252	1312154	42.625	ng	97
89) Benzo(a)pyrene	24.92	252	1307974	44.333	ng	99
90) Dibenzo(a,h)anthracene	28.92	278	1225774	40.648	ng	100
91) Benzo(g,h,i)perylene	30.06	276	1229772	42.017	ng	99

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



#1

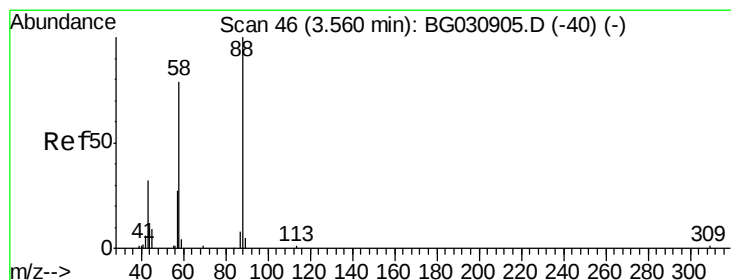
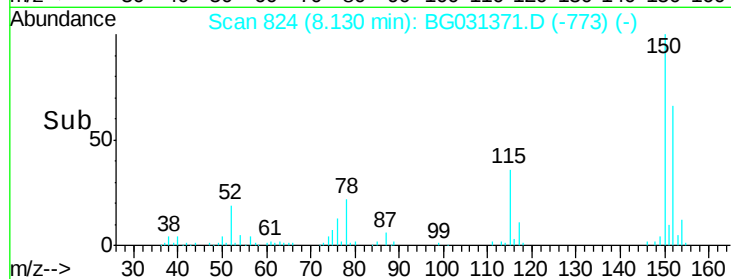
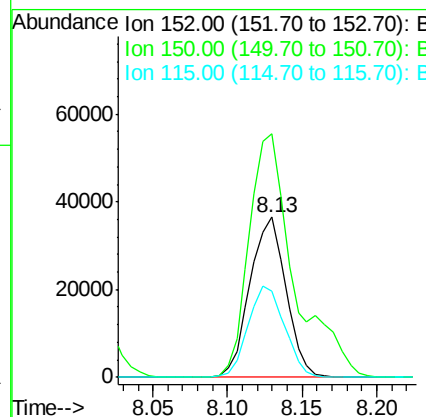
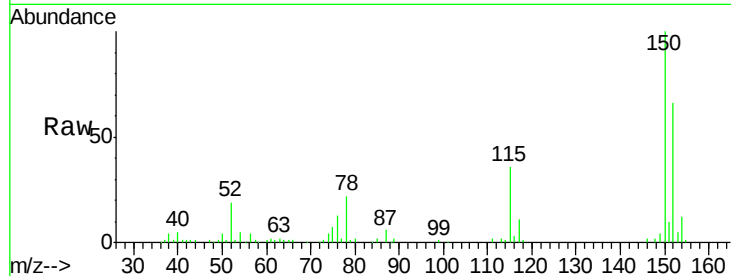
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Instrument :
BNA_G
ClientSampleId :
PB104763BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	126.6	189.8
115	54.2	53.0	79.4

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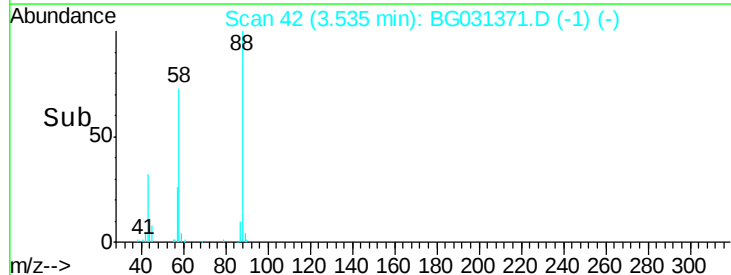
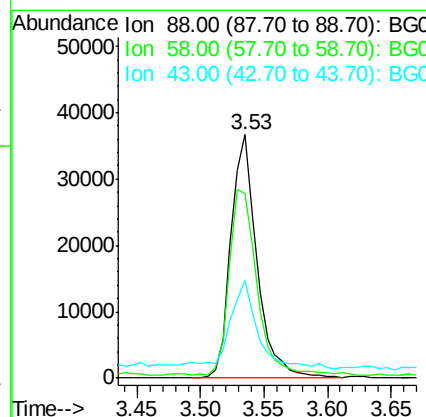
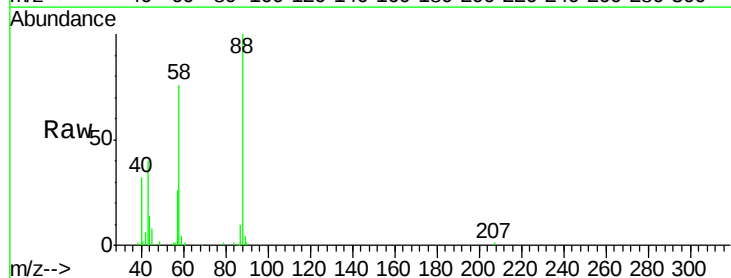
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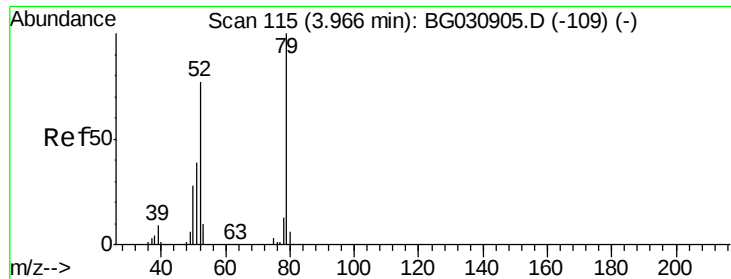


#2

1,4-Dioxane
Concen: 36.127 ng
RT: 3.53 min Scan# 42
Delta R.T. -0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.7	79.6	119.4
43	37.8	27.4	41.0





#3

Pvridine

Concen: 36.791 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.00 min

Lab File: BG031371.D

Acq: 6 Dec 2017 15:13

Instrument :

BNA_G

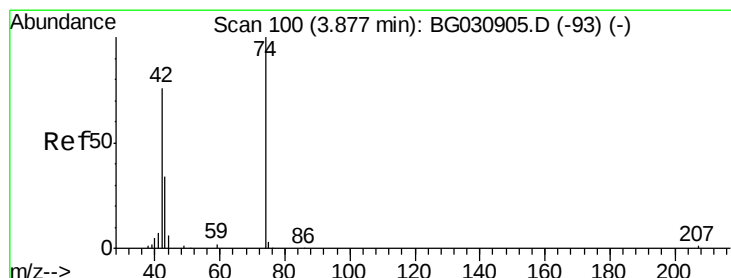
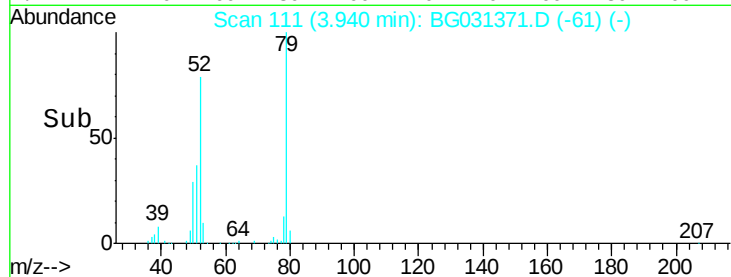
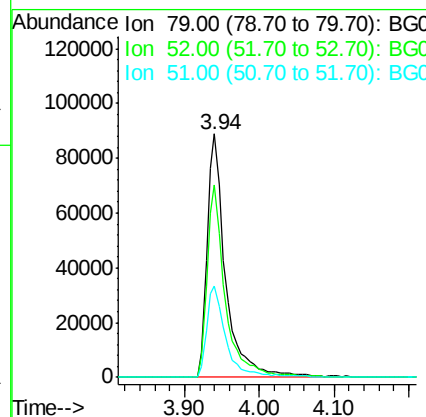
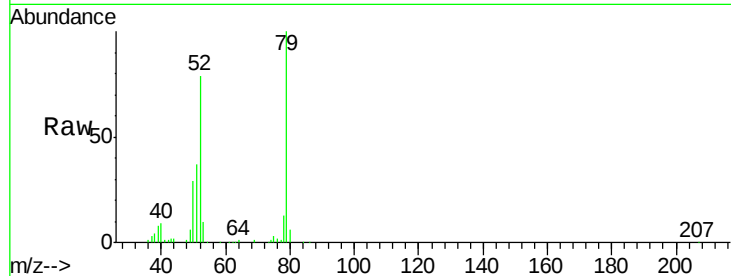
ClientSampleId :

PB104763BS

Tot Ion:	79	Resp:	154164
Ion Ratio	Lower	Upper	
79	100		
52	78.9	69.9	104.9
51	37.4	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 40.990 ng

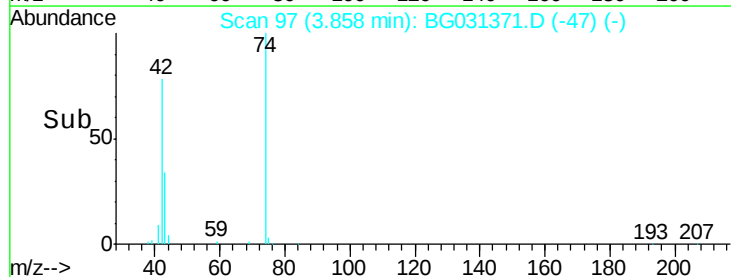
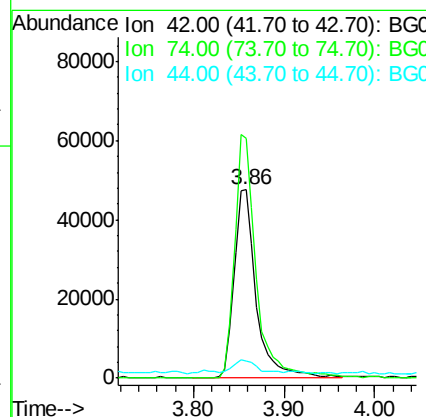
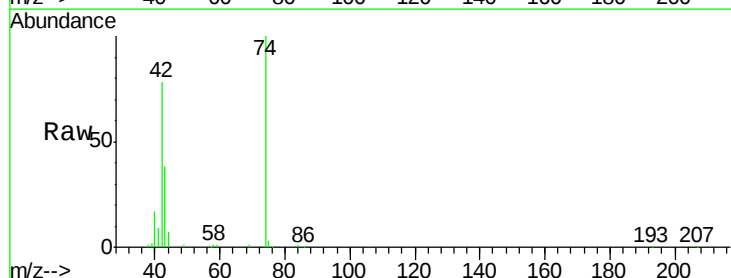
RT: 3.86 min Scan# 97

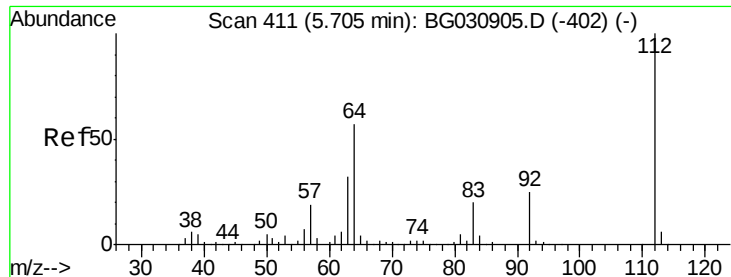
Delta R.T. -0.00 min

Lab File: BG031371.D

Acq: 6 Dec 2017 15:13

Tgt Ion:	42	Resp:	81403
Ion Ratio	Lower	Upper	
42	100		
74	127.5	102.5	153.7
44	9.2	18.9	28.3#





#5

2-Fluorophenol

Concen: 154.699 ng

RT: 5.69 min Scan# 409

Delta R.T. 0.01 min

Lab File: BG031371.D

Acq: 6 Dec 2017 15:13

Instrument :

BNA_G

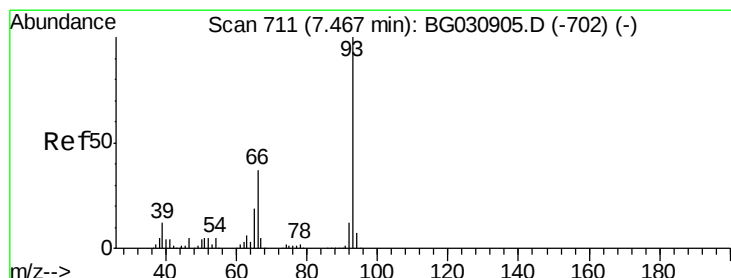
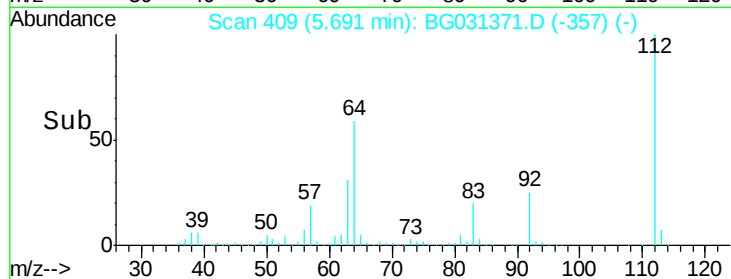
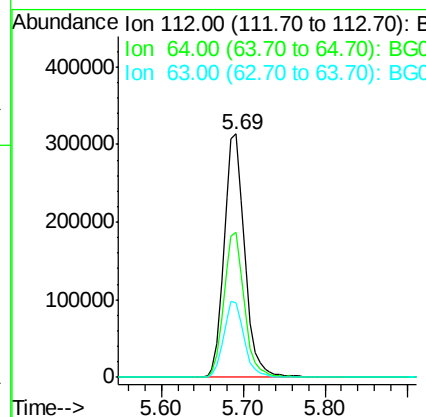
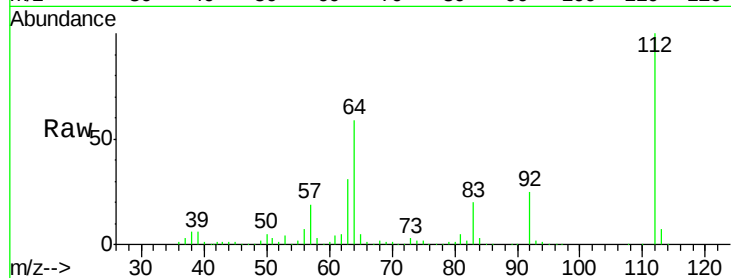
ClientSampleId :

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Tot Ion:	112	Resp:	550228
Ion Ratio	Lower	Upper	
112	100		
64	59.4	56.3	84.5
63	30.9	30.1	45.1

Manual Integrations
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#6

Aniline

Concen: 26.236 ng

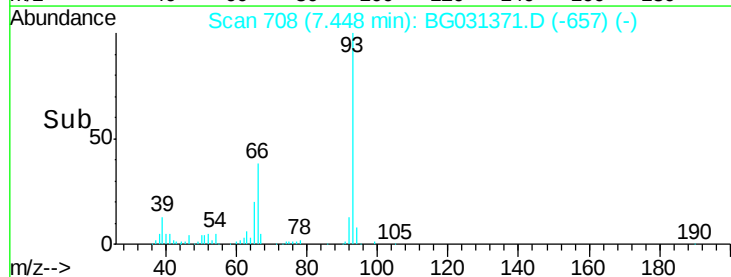
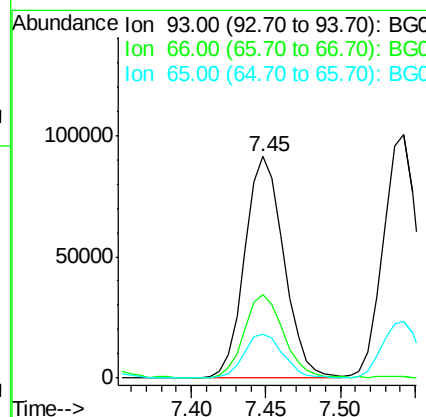
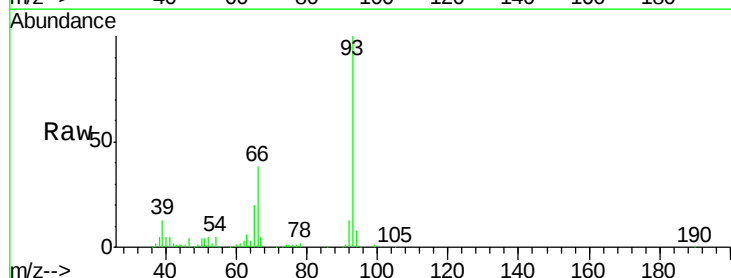
RT: 7.45 min Scan# 708

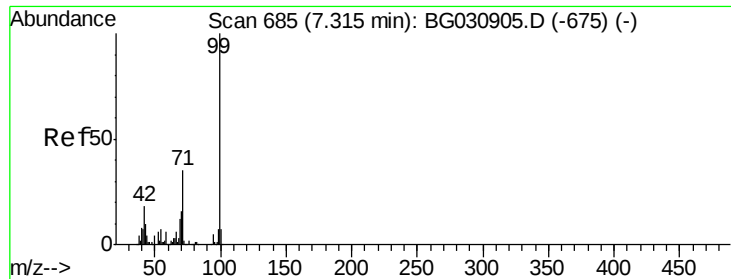
Delta R.T. 0.00 min

Lab File: BG031371.D

Acq: 6 Dec 2017 15:13

Tgt Ion:	93	Resp:	165446
Ion Ratio	Lower	Upper	
93	100		
66	37.9	33.7	50.5
65	19.6	16.1	24.1





#7

Phenol-d6

Concen: 146.841 ng

RT: 7.30 min Scan# 683

Delta R.T. 0.01 min

Lab File: BG031371.D

Acq: 6 Dec 2017 15:13

Instrument :

BNA_G

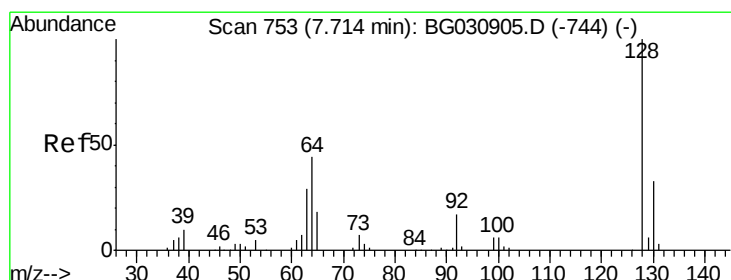
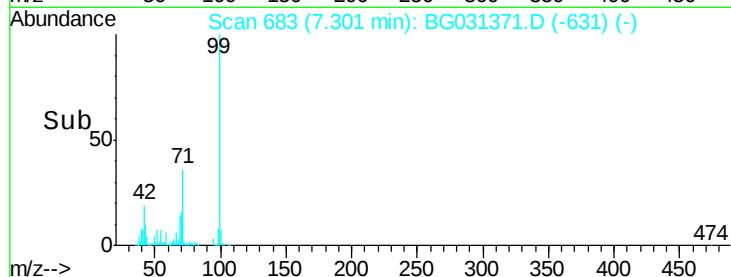
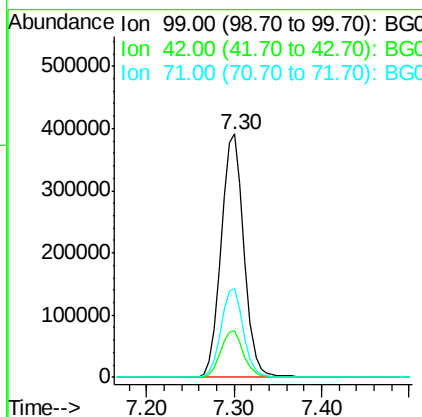
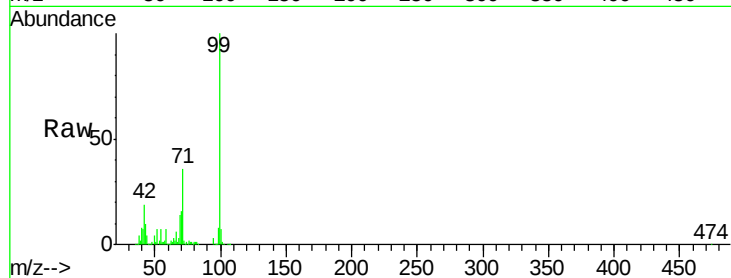
ClientSampled :

PB104763BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		703623		
42	19.0	14.1	21.1		
71	36.2	26.1	39.1		

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#8

2-Chlorophenol

Concen: 44.941 ng

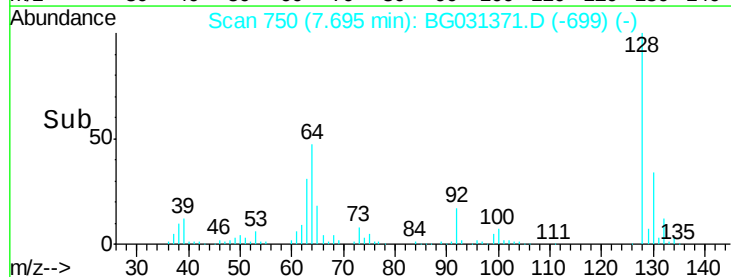
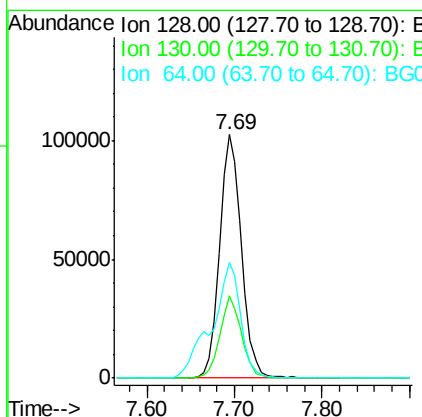
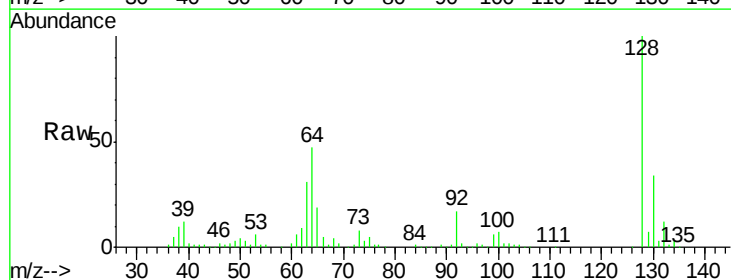
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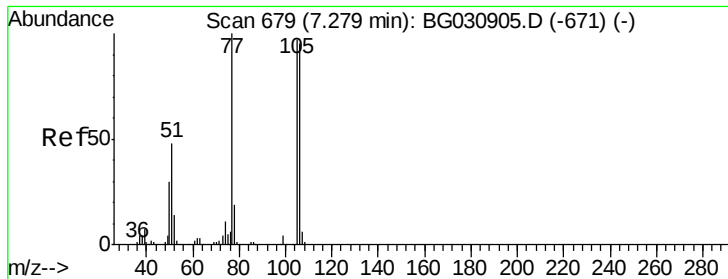
Delta R.T. 0.00 min

Lab File: BG031371.D

Acq: 6 Dec 2017 15:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		176397		
130	33.7	14.0	54.0		
64	47.3	37.7	77.7		





#9

Benzaldehyde

Concen: 23.018 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG031371.D

Acq: 6 Dec 2017 15:13

Instrument :

BNA_G

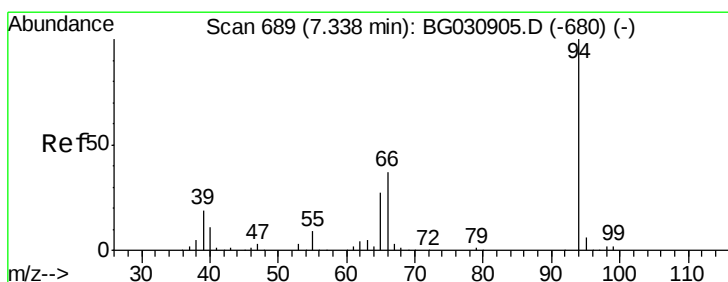
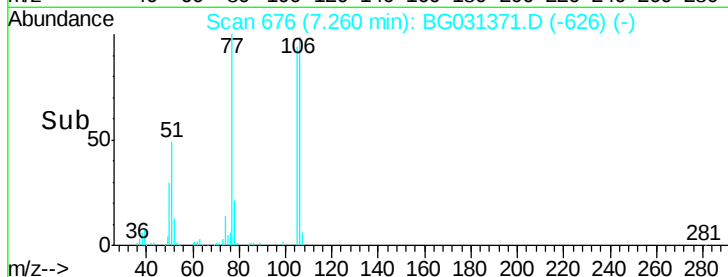
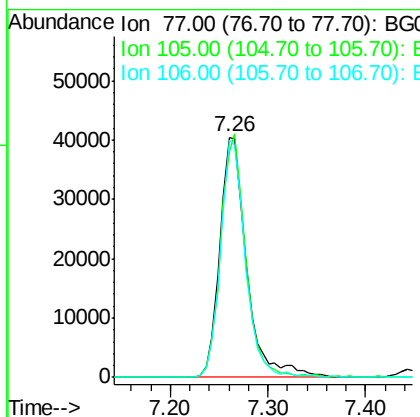
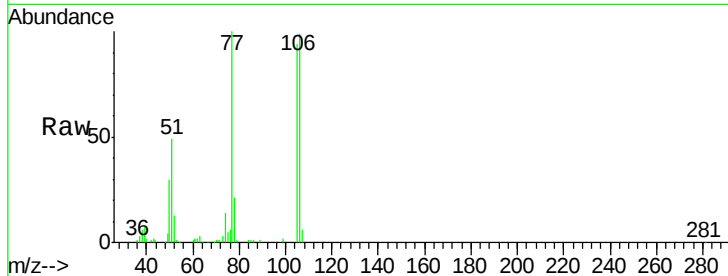
ClientSampled :

PB104763BS

Tot Ion:	77	Resp:	77182
Ion	Ratio	Lower	Upper
77	100		
105	93.7	71.3	111.3
106	98.8	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 45.092 ng

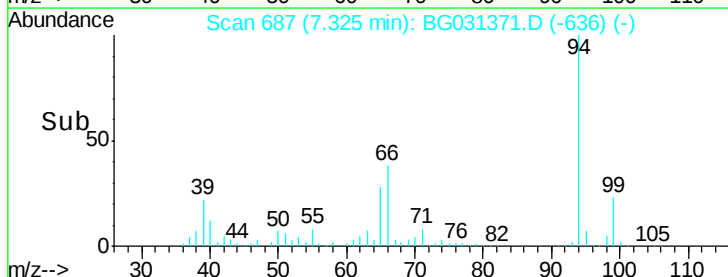
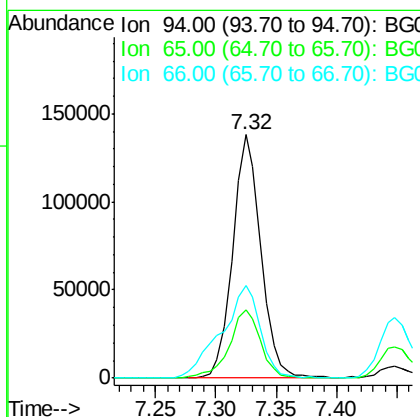
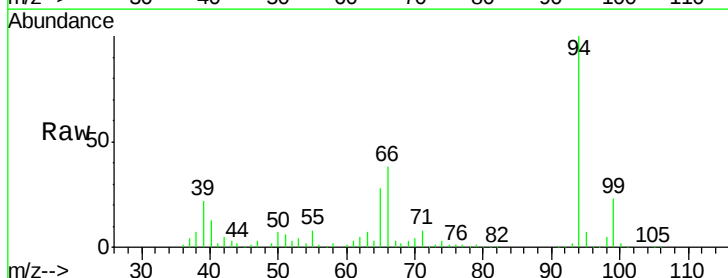
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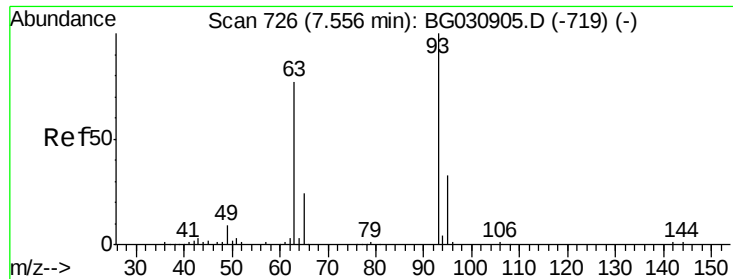
Delta R.T. 0.00 min

Lab File: BG031371.D

Acq: 6 Dec 2017 15:13

Tgt Ion:	94	Resp:	224389
Ion	Ratio	Lower	Upper
94	100		
65	27.8	11.9	51.9
66	38.1	22.2	62.2





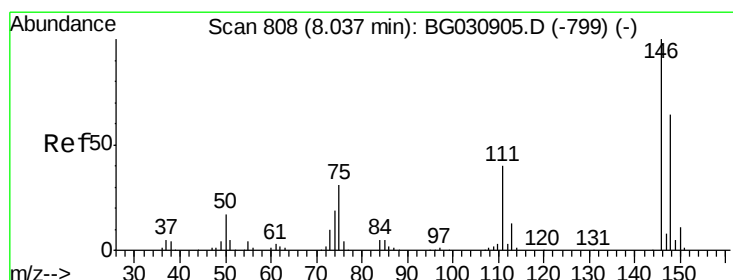
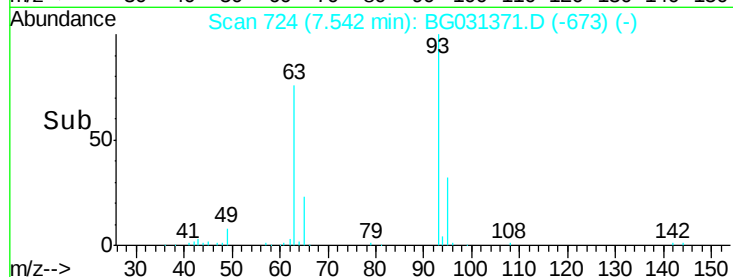
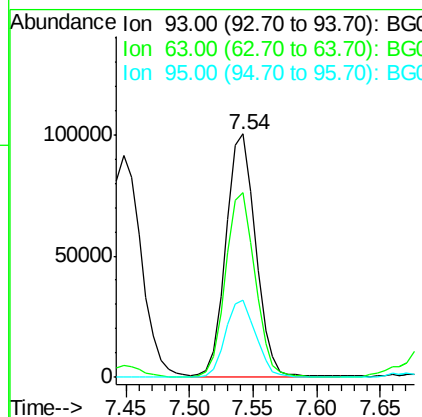
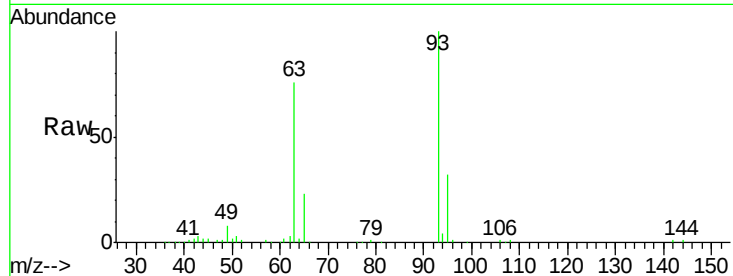
#11
bis(2-Chloroethyl)ether
Concen: 41.427 ng
RT: 7.54 min Scan# 724
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Instrument :
BNA_G
ClientSampleId :
PB104763BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.8	67.1	107.1
95	31.9	11.5	51.5

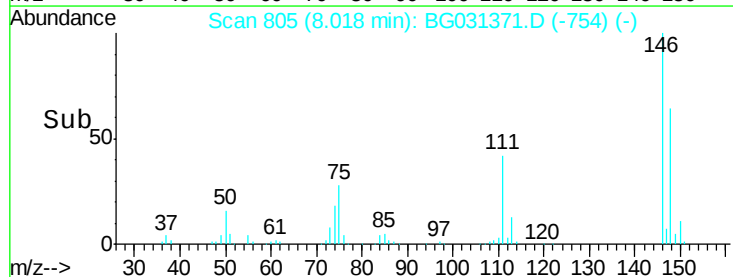
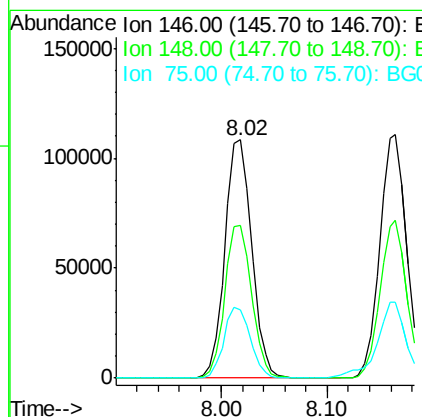
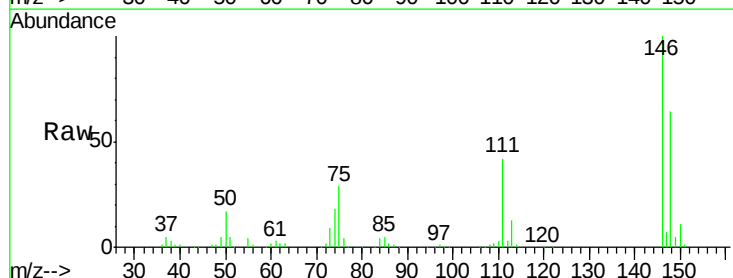
Manual Integrations
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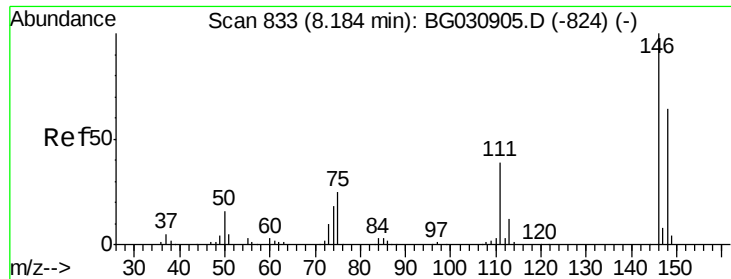
Sohil
12/7/2017 11:37:24 AM



#12
1,3-Dichlorobenzene
Concen: 41.464 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.2
75	28.8	26.6	39.8





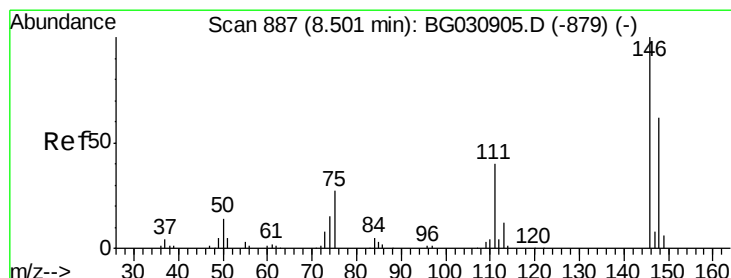
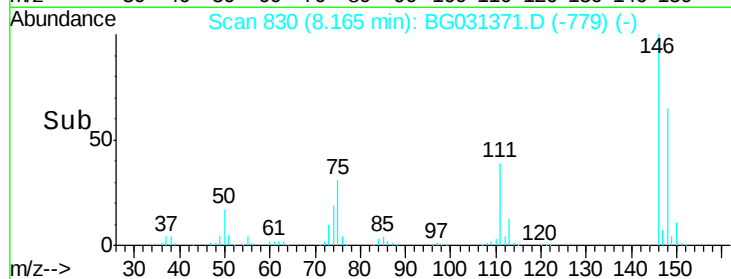
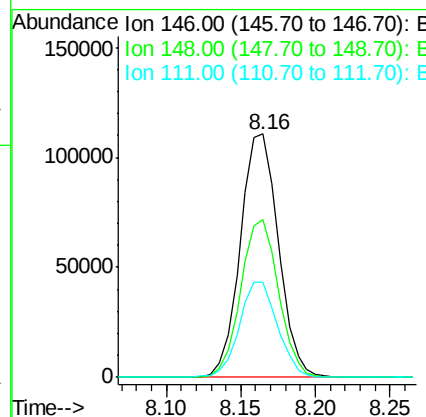
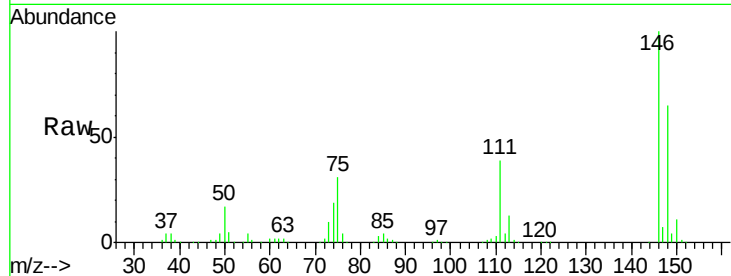
#13
 1,4-Dichlorobenzene
 Concen: 41.980 ng
 RT: 8.16 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BG031371.D
 Acq: 6 Dec 2017 15:13

Instrument :
 BNA_G
 ClientSampleId :
 PB104763BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	53.7	80.5
111	39.3	35.2	52.8

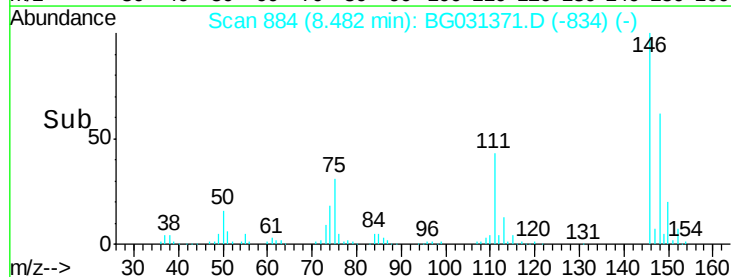
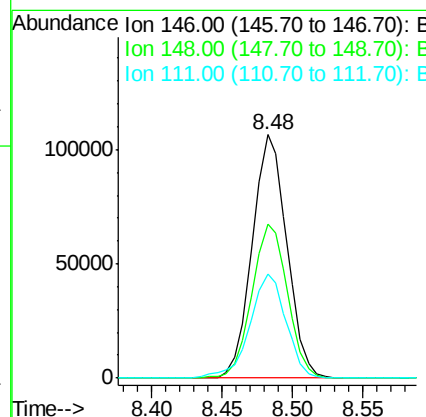
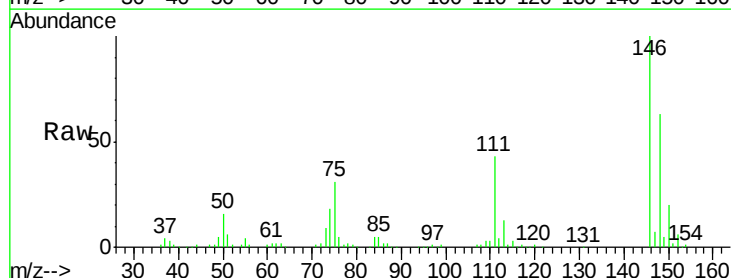
Manual Integrations
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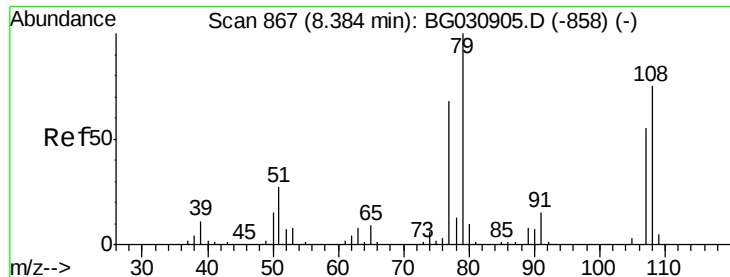
Sohil
 12/7/2017 11:37:24 AM



#14
 1,2-Dichlorobenzene
 Concen: 40.976 ng
 RT: 8.48 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BG031371.D
 Acq: 6 Dec 2017 15:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	49.3	73.9
111	42.5	34.3	51.5





#15

Benzyl Alcohol

Concen: 39.293 ng

RT: 8.37 min Scan# 865

Delta R.T. 0.00 min

Lab File: BG031371.D

Acq: 6 Dec 2017 15:13

Instrument :

BNA_G

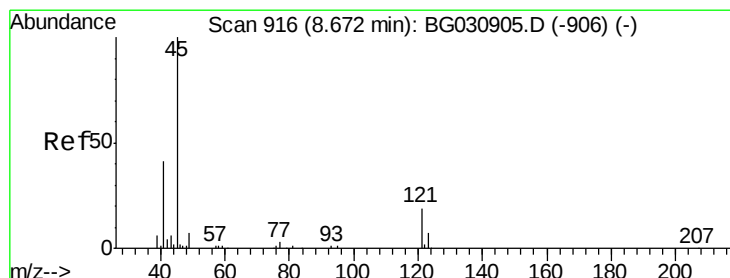
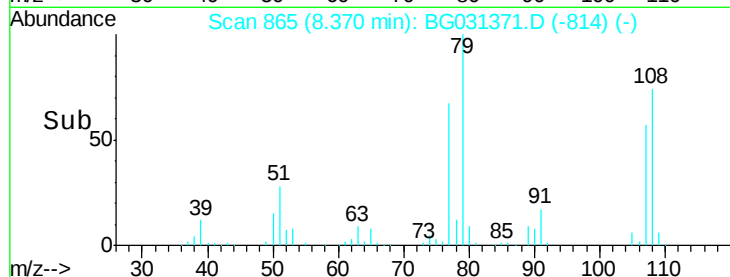
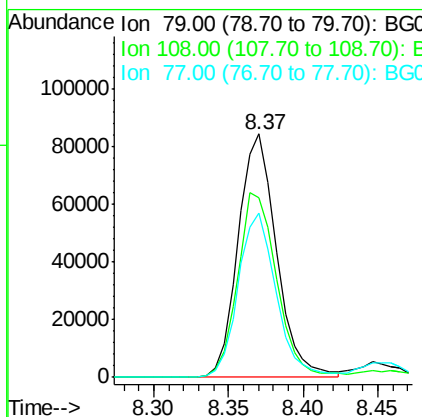
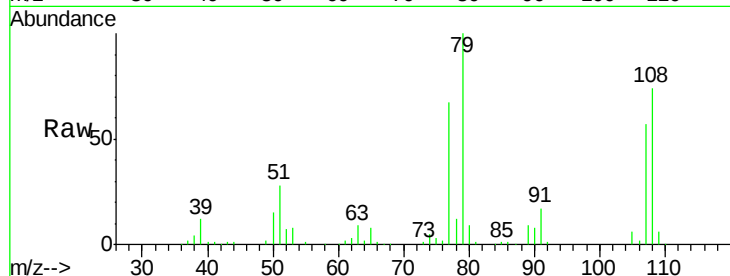
ClientSampleId :

PB104763BS

Tot Ion:	79	Resp:	151024
Ion Ratio	Lower	Upper	
79	100		
108	73.7	57.2	85.8
77	67.3	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 57.919 ng

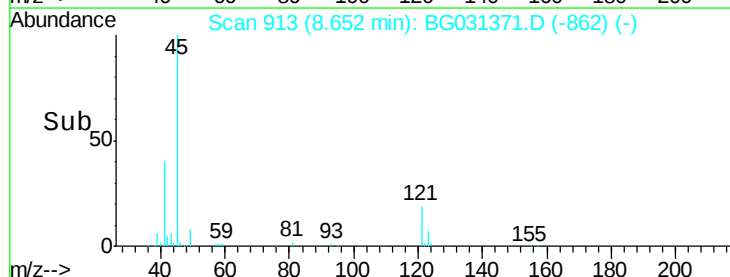
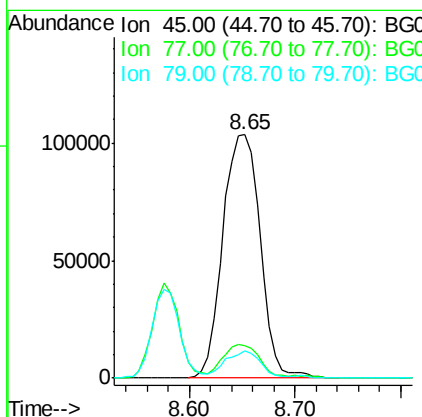
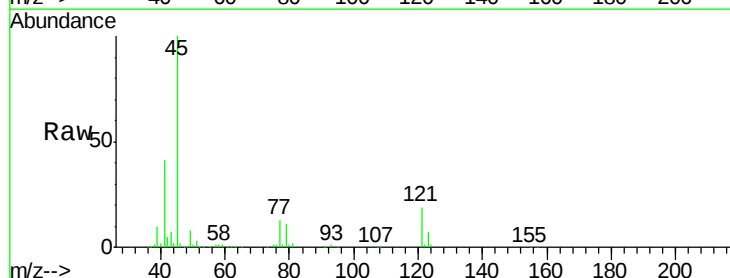
RT: 8.65 min Scan# 913

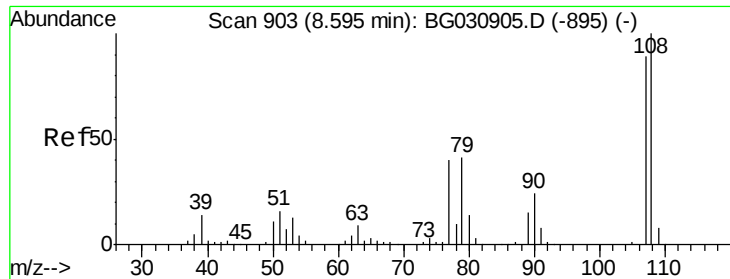
Delta R.T. 0.00 min

Lab File: BG031371.D

Acq: 6 Dec 2017 15:13

Tgt Ion:	45	Resp:	254190
Ion Ratio	Lower	Upper	
45	100		
77	13.3	0.0	30.2
79	11.1	0.0	27.9





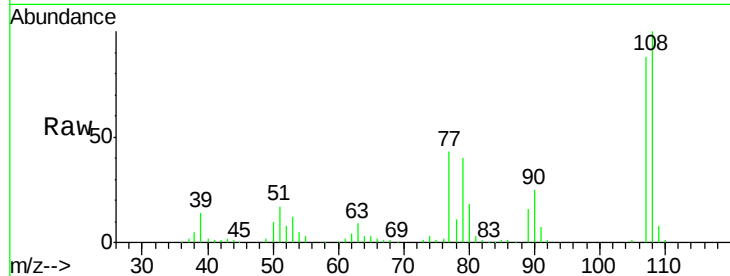
#17
2-Methylphenol
Concen: 43.065 ng
RT: 8.58 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Instrument :
BNA_G
ClientSampleId :
PB104763BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	149230		
108	113.7	83.9	125.9	
77	48.9	37.2	55.8	
79	45.5	36.2	54.2	

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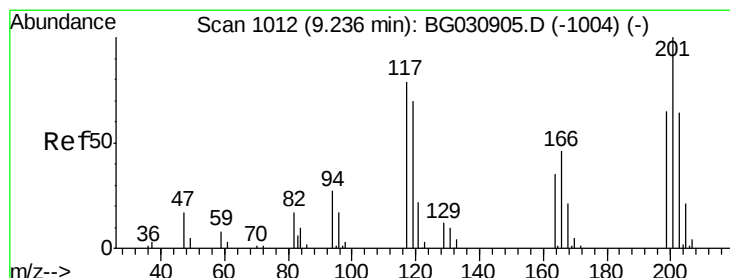
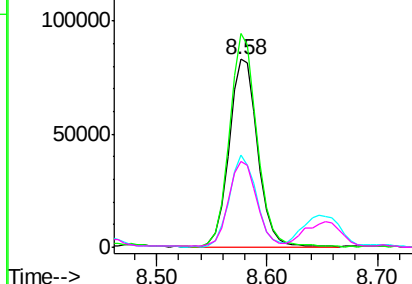
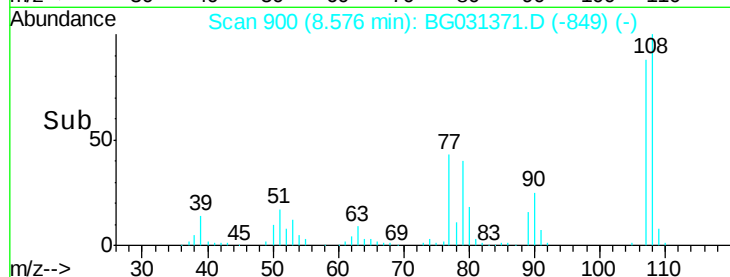
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

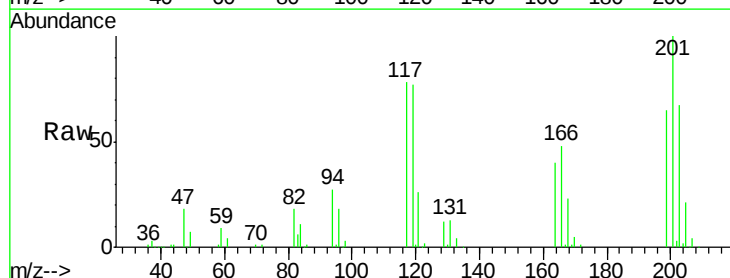
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 42.125 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	68419		
119	99.2	76.7	115.1	
201	128.1	95.7	143.5	

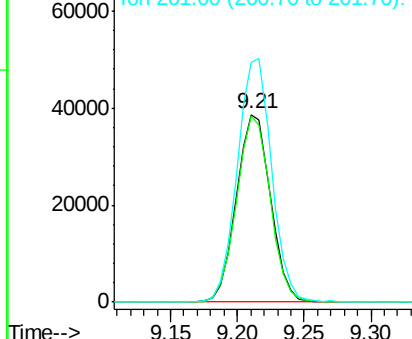
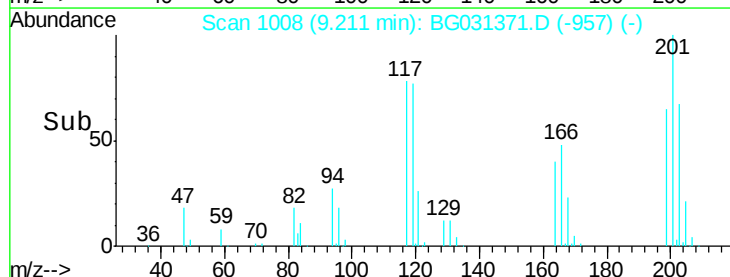


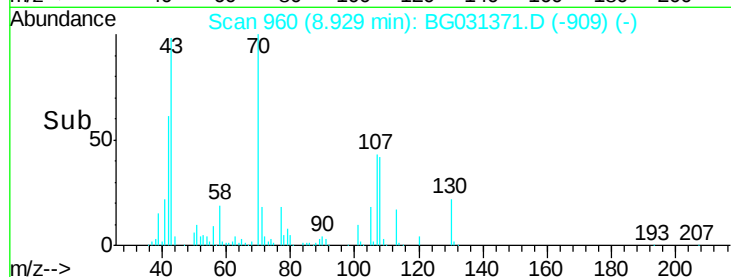
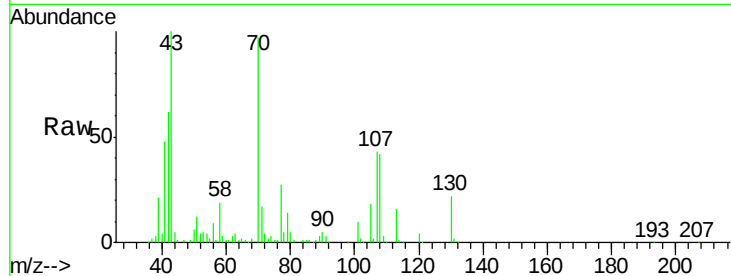
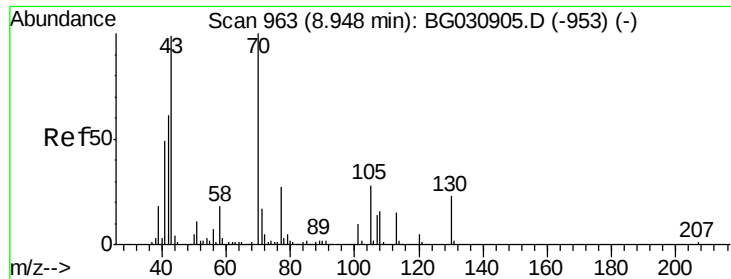
Abundance

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





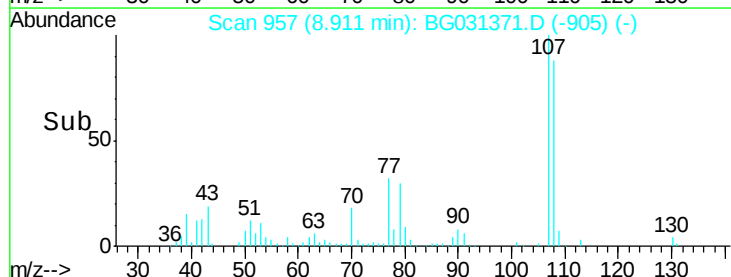
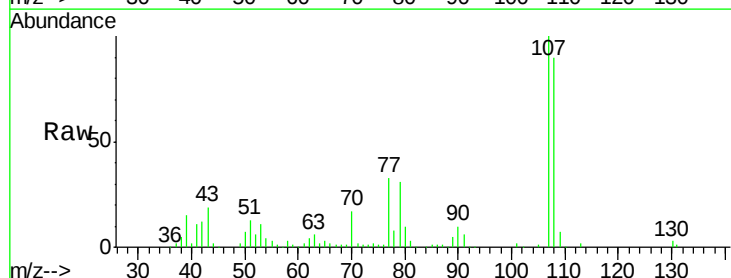
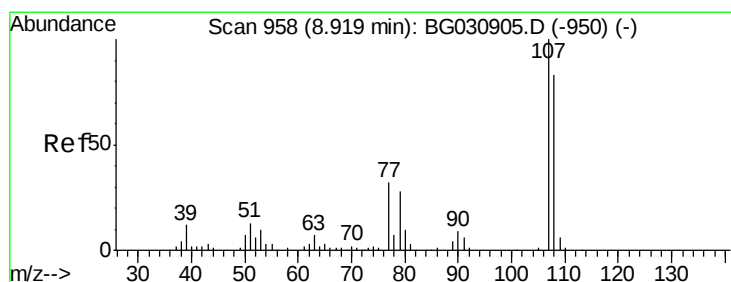
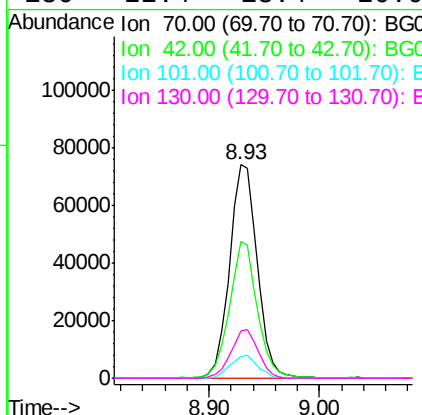
#19
n-Nitroso-di-n-propylamine
Concen: 35.864 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Instrument :
BNA_G
ClientSampled :
PB104763BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.4	49.1	73.7
101	10.1	8.5	12.7
130	22.4	13.4	20.0

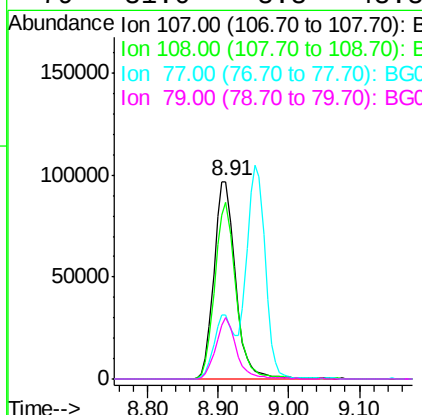
Manual Integrations
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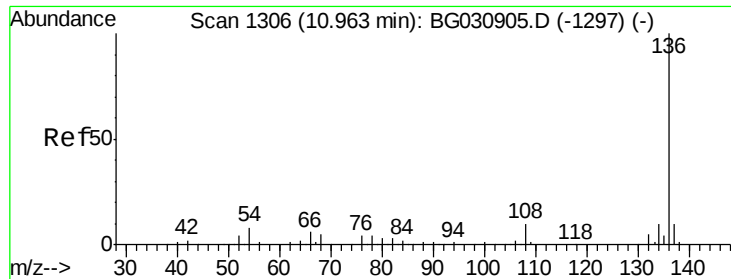
Sohil
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#20
3+4-Methylphenols
Concen: 41.980 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.01 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	61.6	101.6
77	32.7	13.9	53.9
79	31.0	8.8	48.8





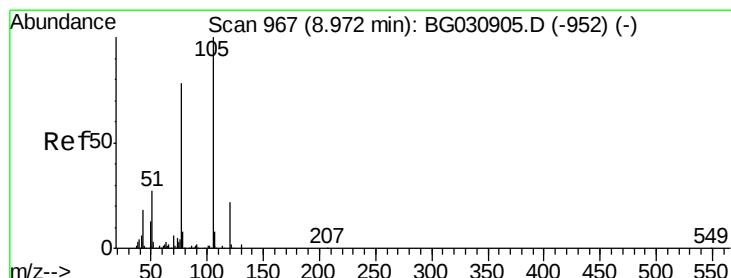
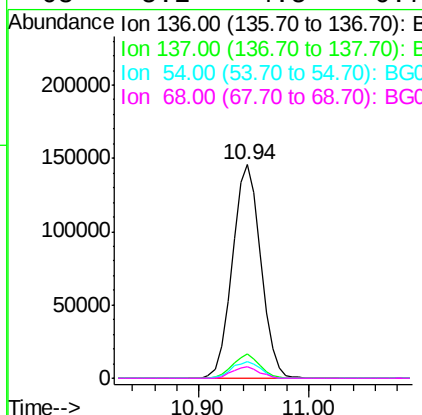
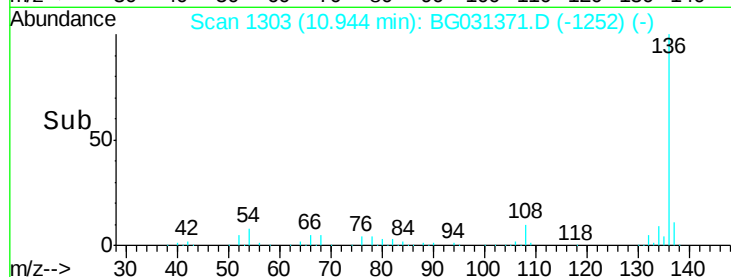
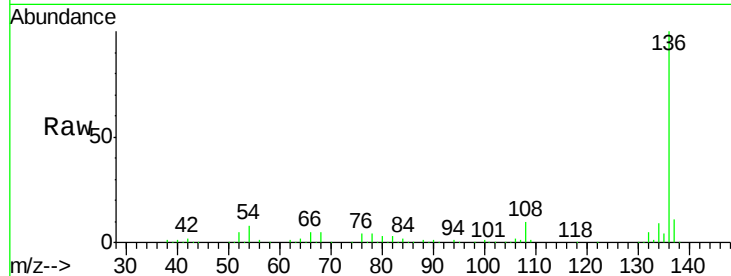
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Instrument :
BNA_G
ClientSampleId :
PB104763BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		262805		
137	11.5		9.2	13.8	
54	8.0		10.3	15.5	
68	5.2		4.5	6.7	

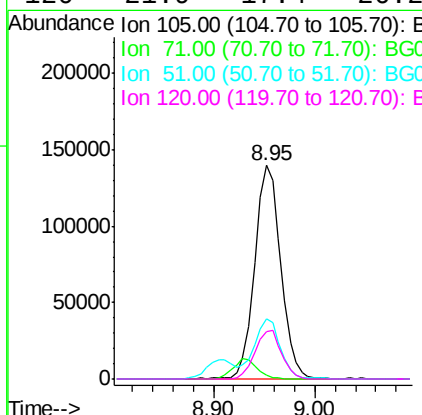
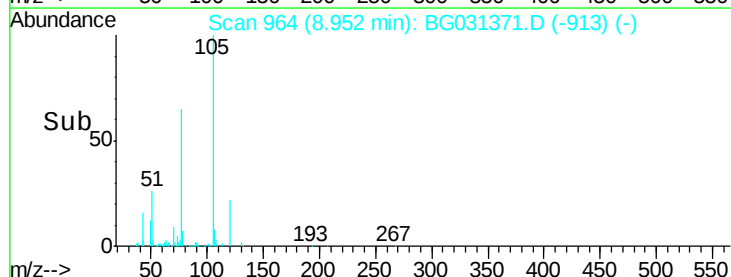
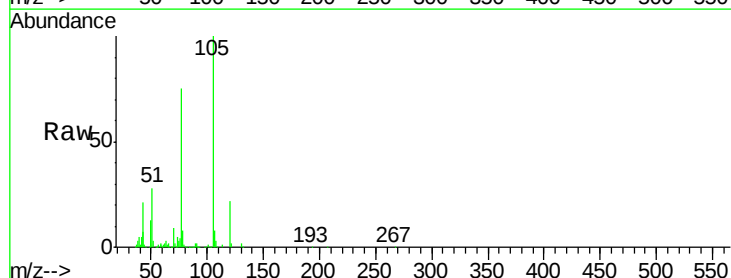
Manual Integrations
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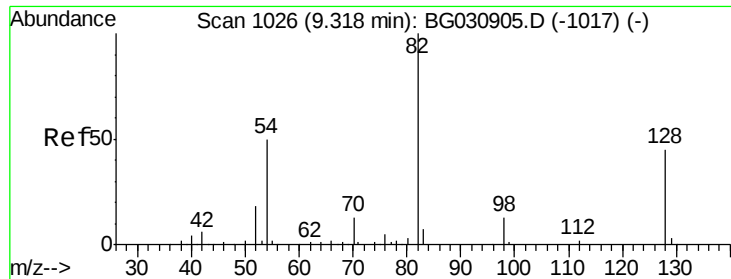
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#22
Acetophenone
Concen: 38.188 ng
RT: 8.95 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		249883		
71	1.7		3.0	4.4	
51	28.3		26.1	39.1	
120	21.9		17.4	26.2	





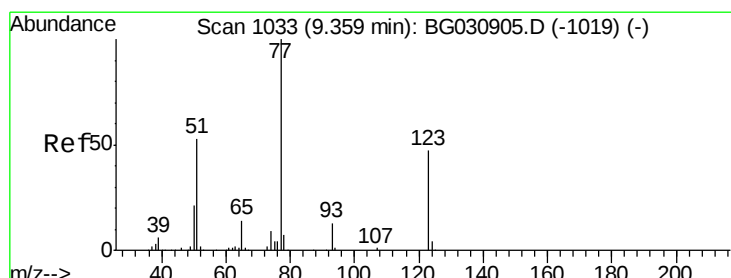
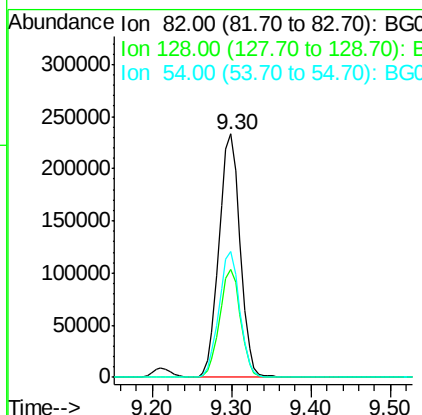
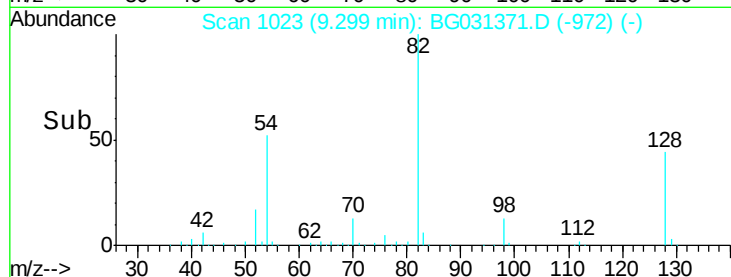
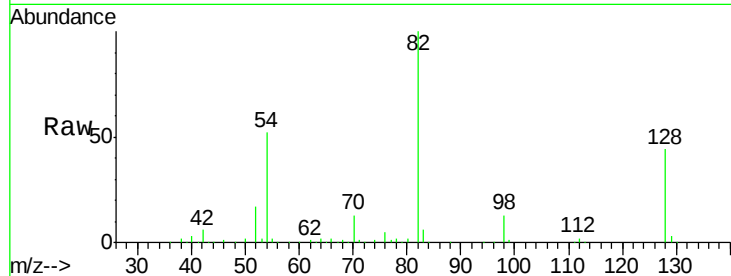
#23
Nitrobenzene-d5
Concen: 97.095 ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Instrument :
BNA_G
ClientSampleId :
PB104763BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.5	29.7	44.5	
54	51.7	43.1	64.7	

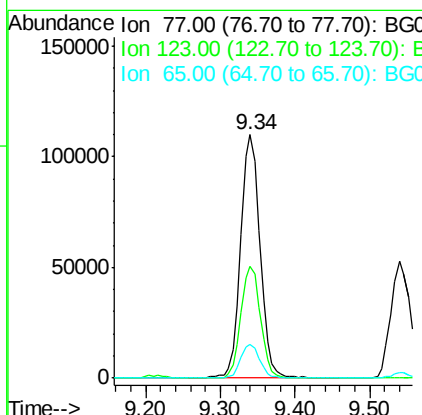
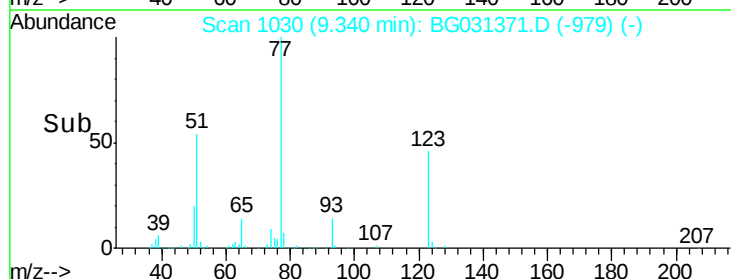
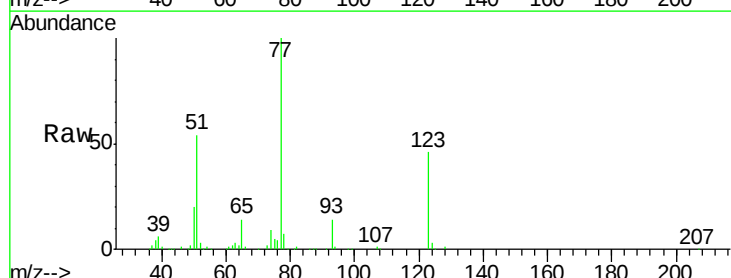
Manual Integrations
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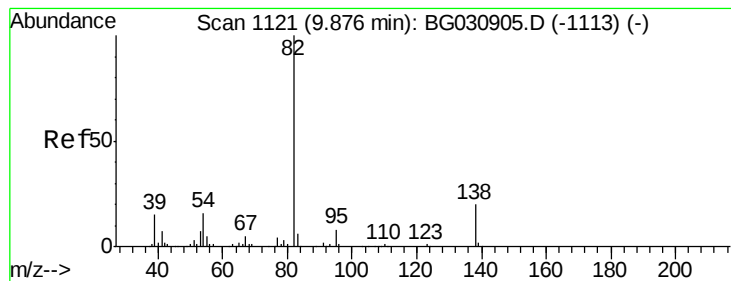
Sohil
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#24
Nitrobenzene
Concen: 43.740 ng
RT: 9.34 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.7	33.0	49.6	
65	13.9	13.0	19.6	





#25

Isophorone

Concen: 41.888 ng

RT: 9.86 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BG031371.D

Acq: 6 Dec 2017 15:13

Instrument :

BNA_G

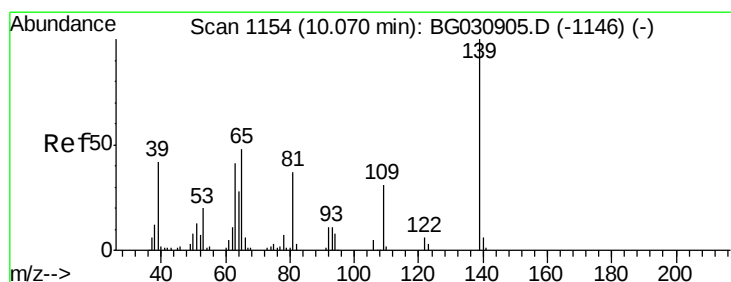
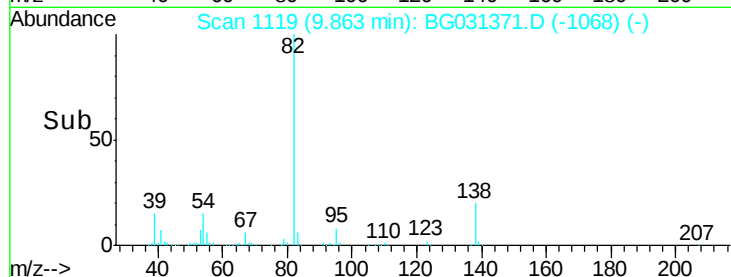
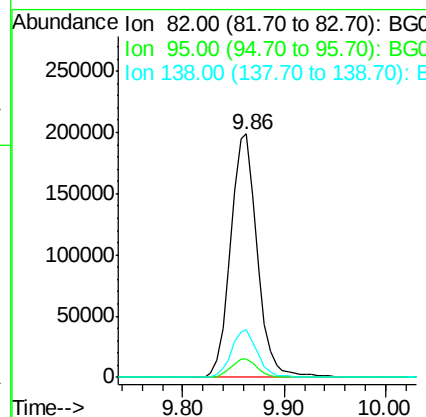
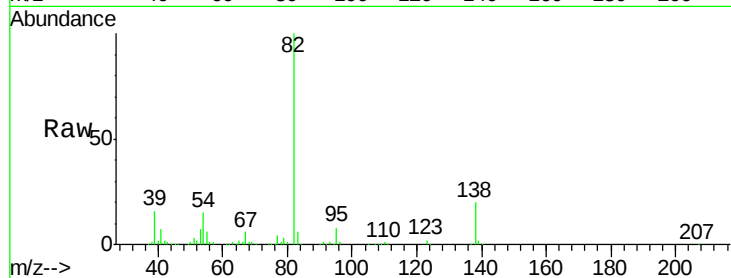
ClientSampleId :

PB104763BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.6	6.2	9.2	
138	19.6	12.1	18.1	

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#26

2-Nitrophenol

Concen: 42.013 ng

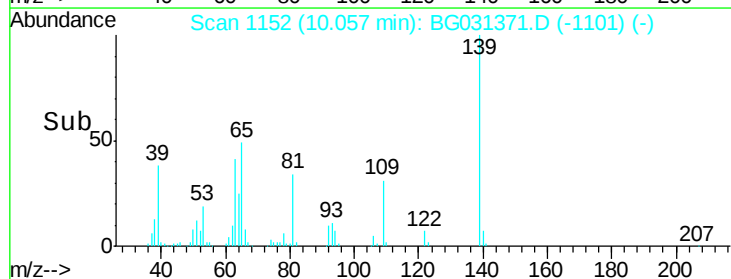
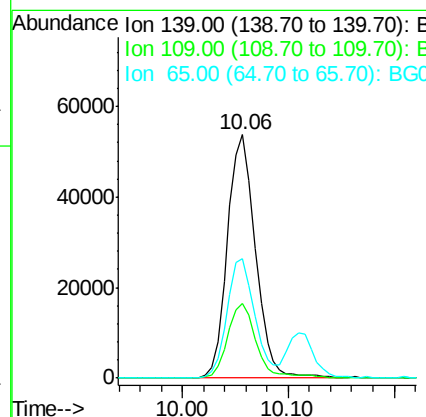
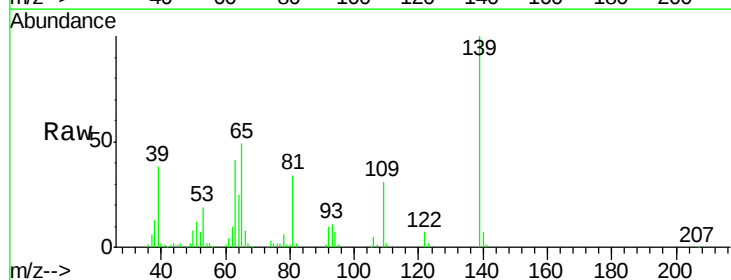
RT: 10.06 min Scan# 1152

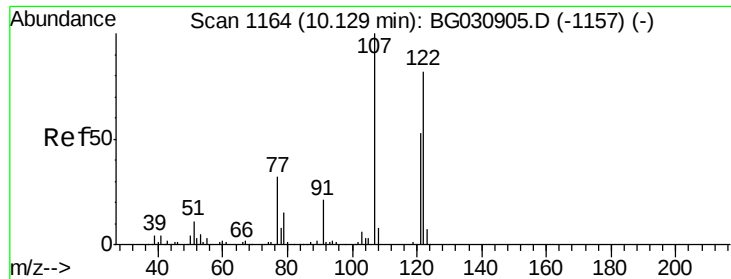
Delta R.T. 0.00 min

Lab File: BG031371.D

Acq: 6 Dec 2017 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	30.8	24.2	36.2	
65	49.2	47.4	71.0	





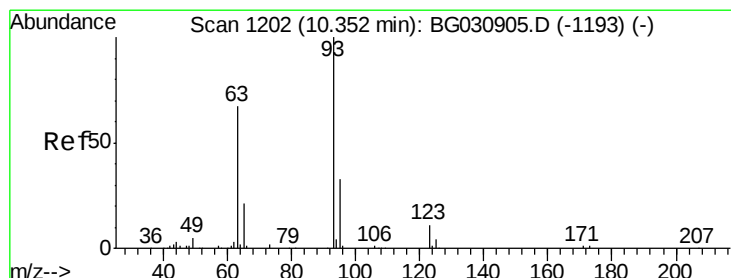
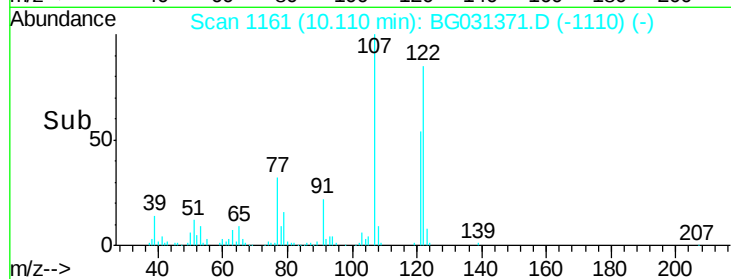
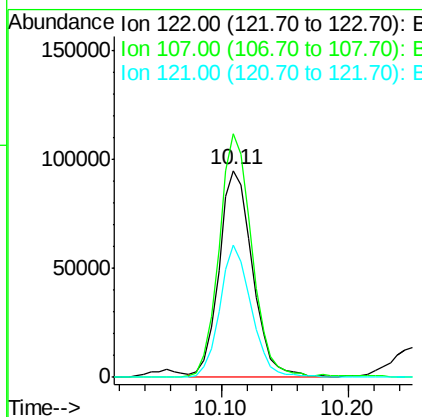
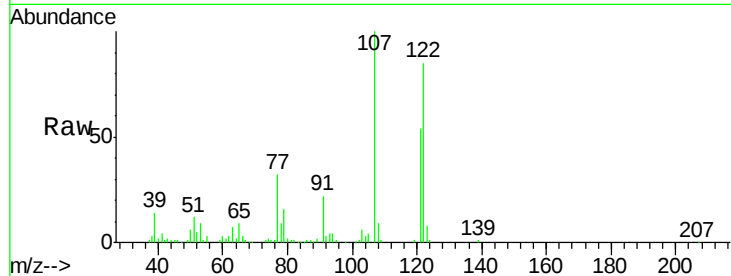
#27
 2,4-Dimethylphenol
 Concen: 48.854 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BG031371.D
 Acq: 6 Dec 2017 15:13

Instrument :
 BNA_G
 ClientSampleId :
 PB104763BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.8	100.2	150.2
121	63.7	44.4	66.6

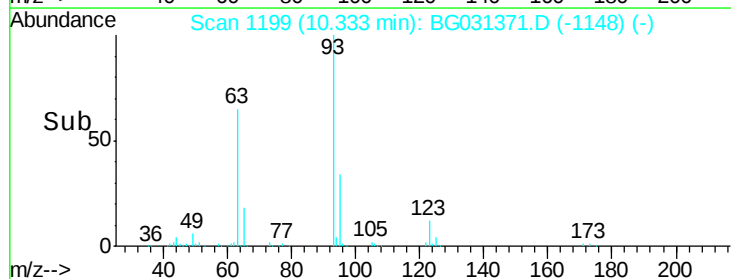
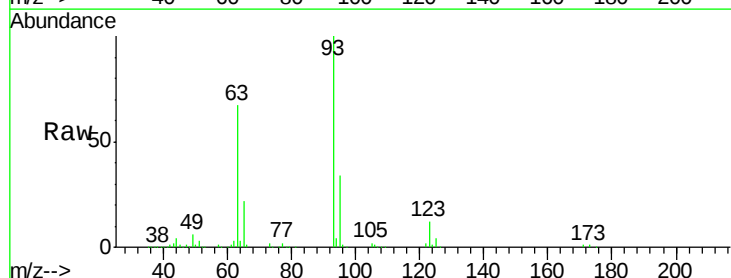
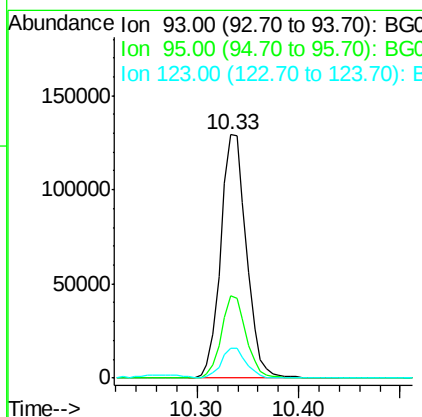
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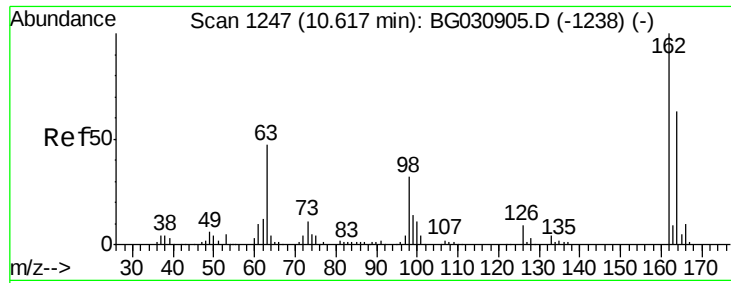
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.820 ng
 RT: 10.33 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BG031371.D
 Acq: 6 Dec 2017 15:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	24.3	36.5
123	12.0	8.4	12.6





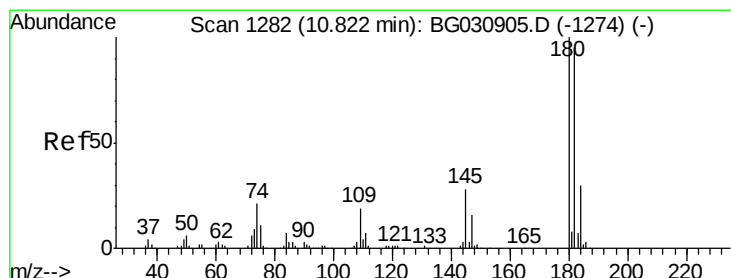
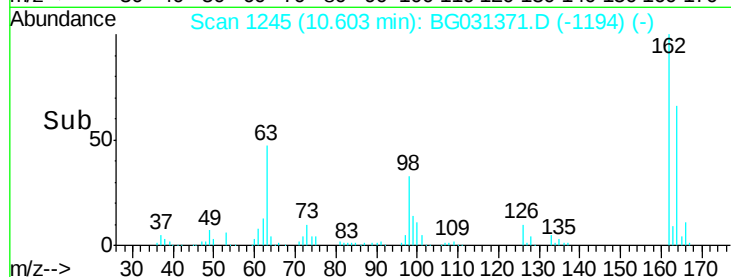
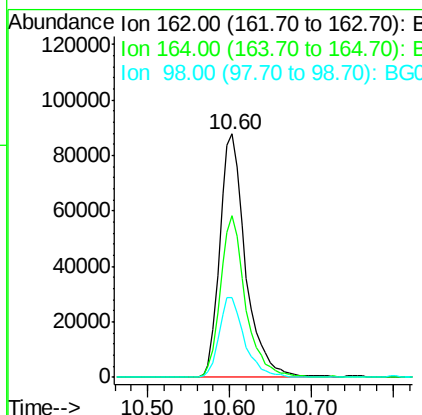
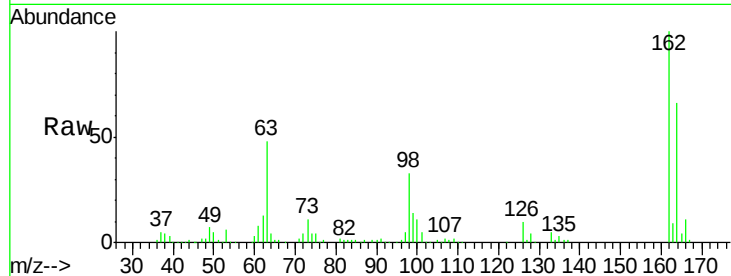
#29
2,4-Dichlorophenol
Concen: 45.699 ng
RT: 10.60 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Instrument :
BNA_G
ClientSampleId :
PB104763BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.4	48.0	88.0
98	32.8	21.1	61.1

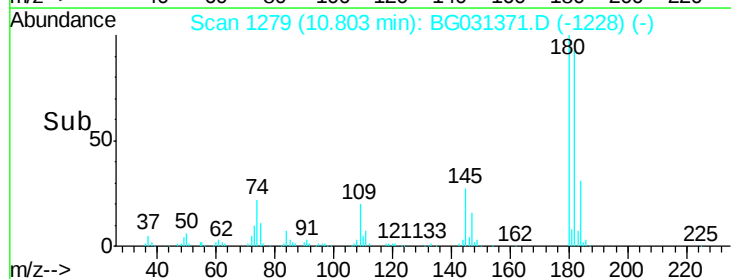
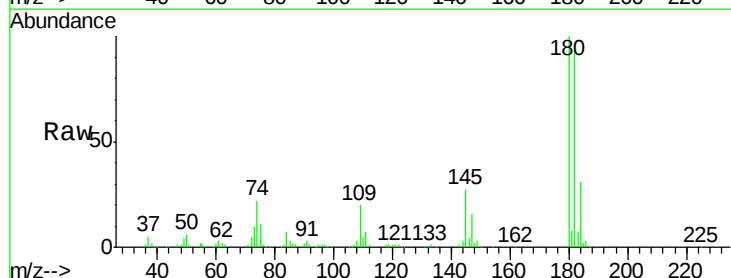
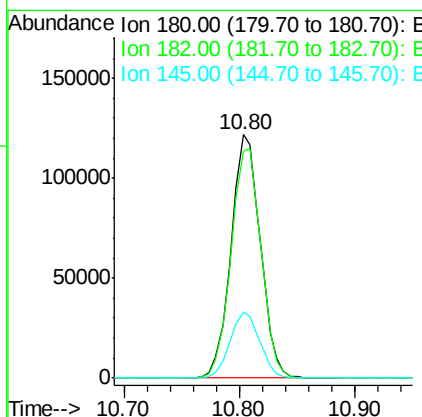
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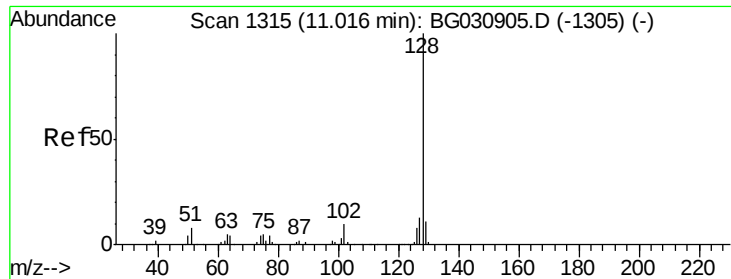
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#30
1,2,4-Trichlorobenzene
Concen: 42.498 ng
RT: 10.80 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.4	77.5	116.3
145	27.1	23.4	35.2





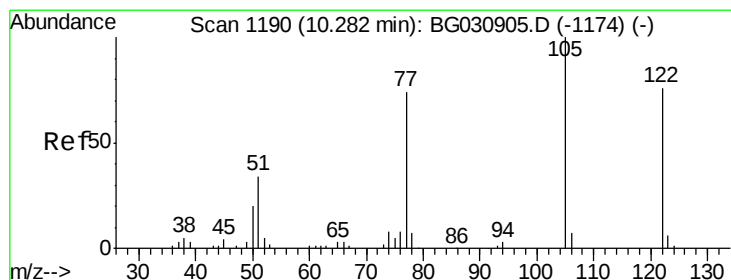
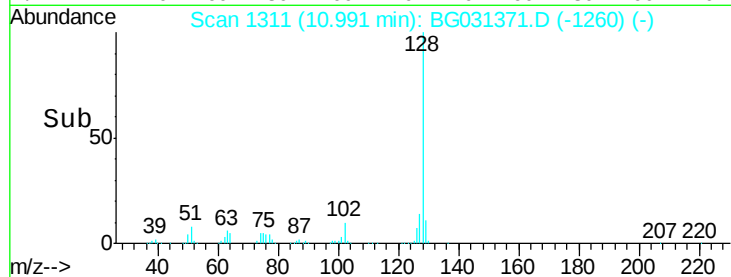
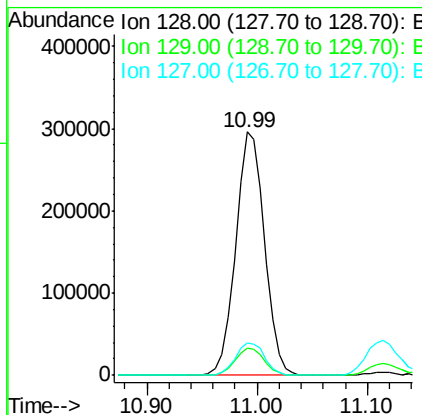
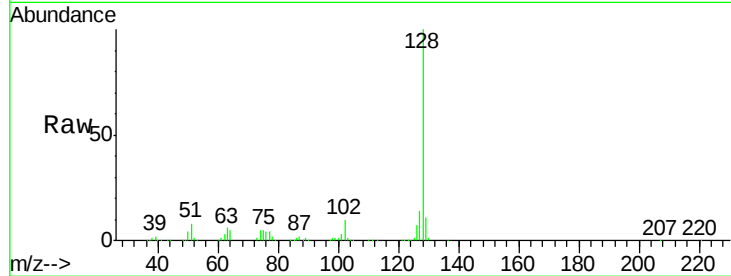
#31
Naphthalene
Concen: 41.815 ng
RT: 10.99 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Instrument :
BNA_G
ClientSampleId :
PB104763BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.5	8.6	12.8	
127	13.5	11.6	17.4	

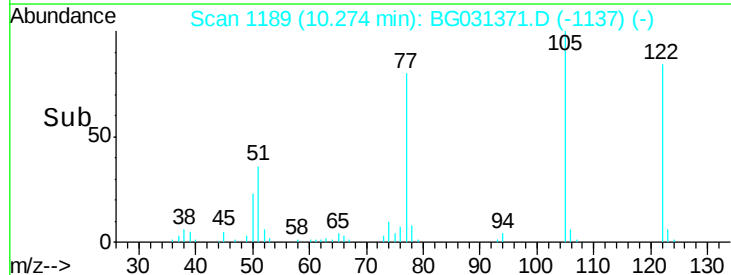
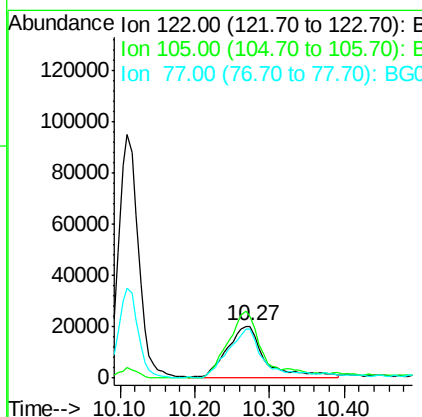
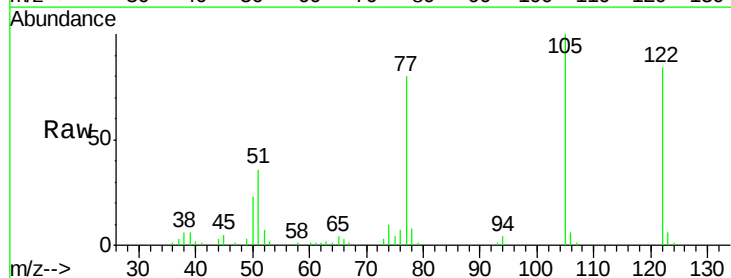
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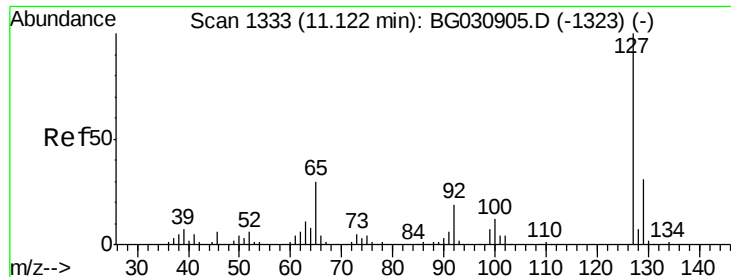
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#32
Benzoic acid
Concen: 26.318 ng
RT: 10.27 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	118.5	123.5	163.5#	
77	94.6	85.7	125.7	





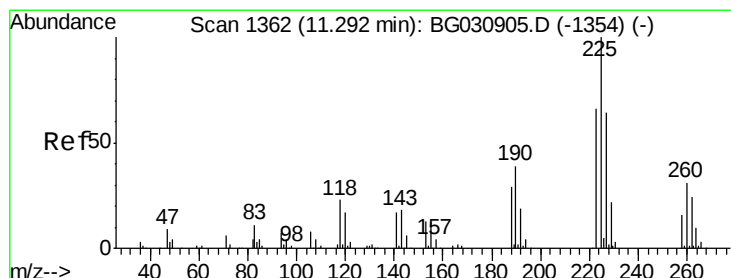
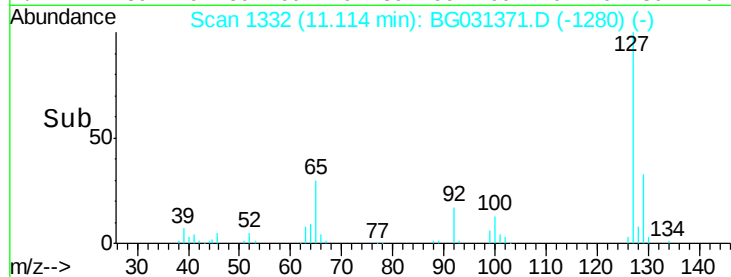
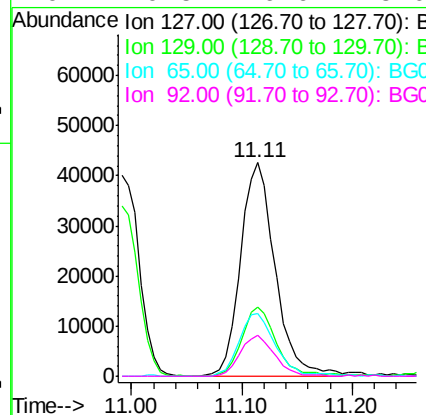
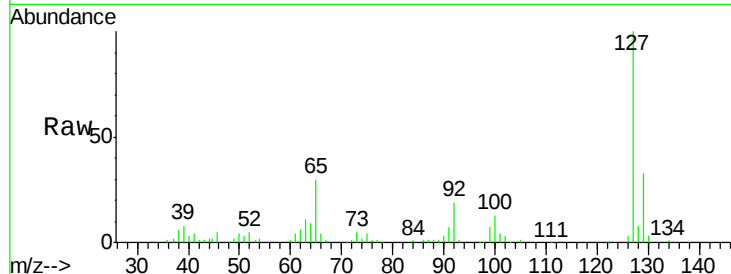
#33
4-Chloroaniline
Concen: 16.586 ng
RT: 11.11 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Instrument :
BNA_G
ClientSampleId :
PB104763BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	24.0	36.0		
65	29.7	27.0	40.4		
92	19.5	16.6	25.0		

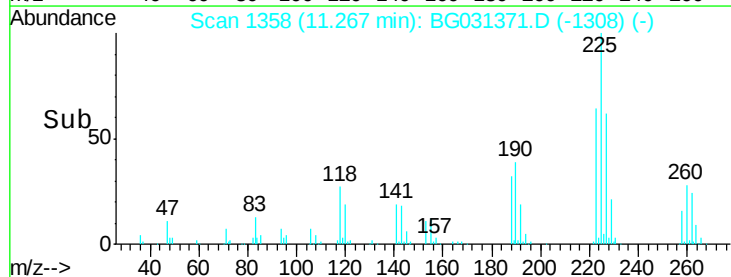
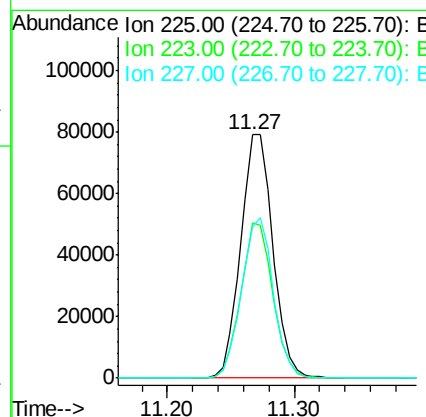
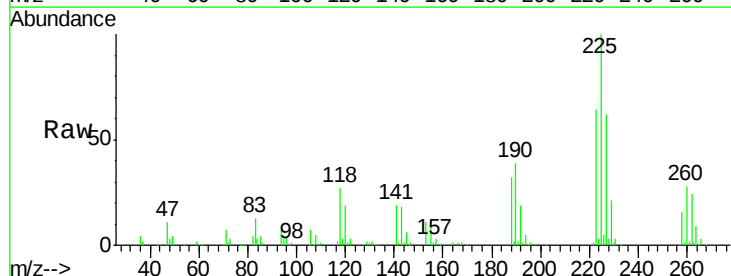
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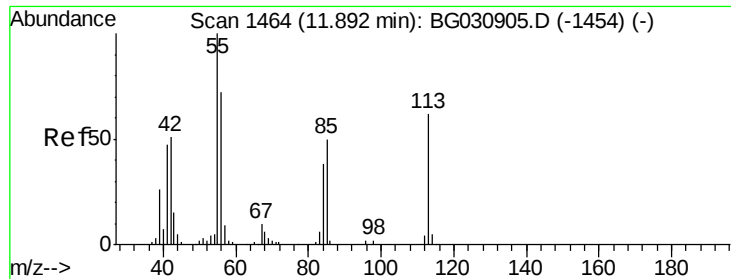
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#34
Hexachlorobutadiene
Concen: 39.987 ng
RT: 11.27 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	49.7	74.5		
227	62.1	48.1	72.1		





#35

Caprolactam

Concen: 39.269 ng/mL

RT: 11.88 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BG031371.D

Acq: 6 Dec 2017 15:13

Instrument :

BNA_G

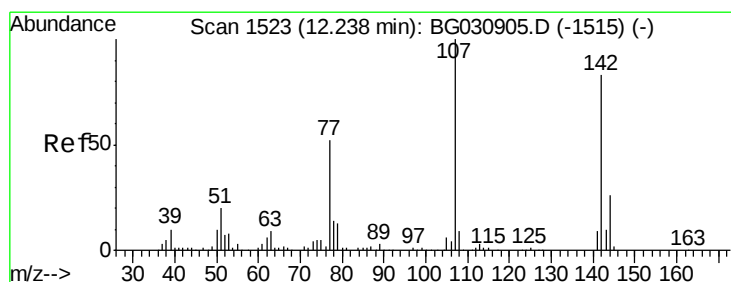
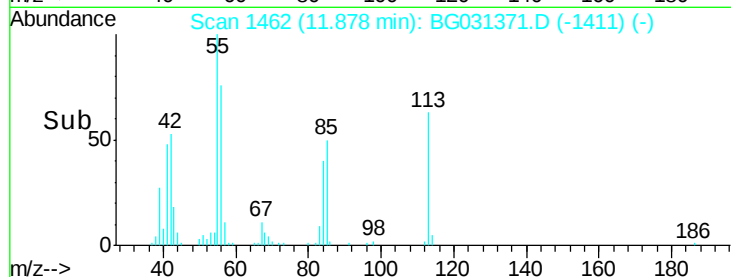
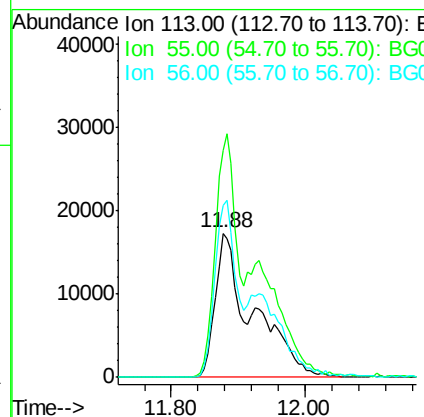
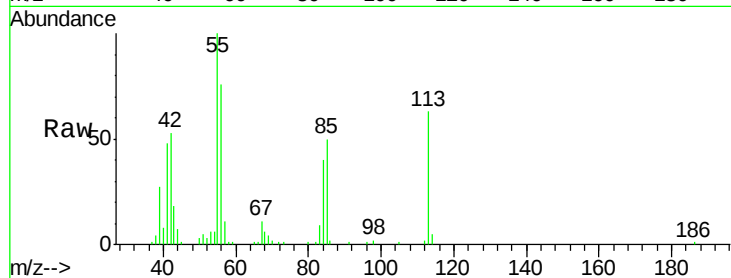
ClientSampleID :

PB104763BS

Tot Ion:	113	Resp:	67533
Ion	Ratio	Lower	Upper
113	100		
55	157.9	186.9	226.9#
56	119.5	130.9	170.9#

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#36

4-Chloro-3-methylphenol

Concen: 41.421 ng/mL

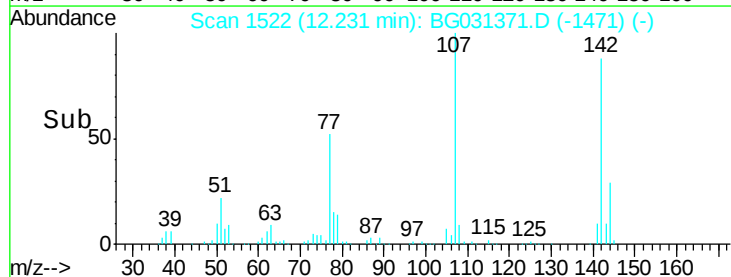
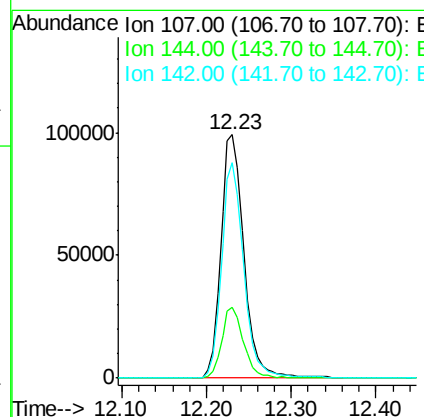
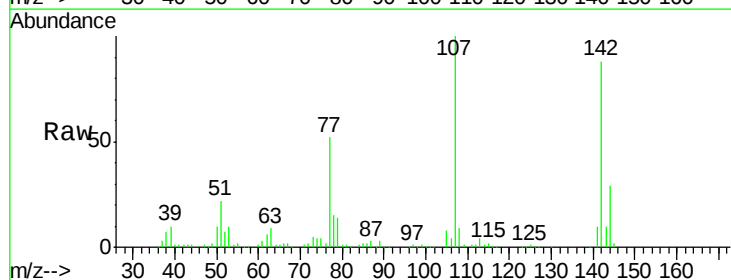
RT: 12.23 min Scan# 1522

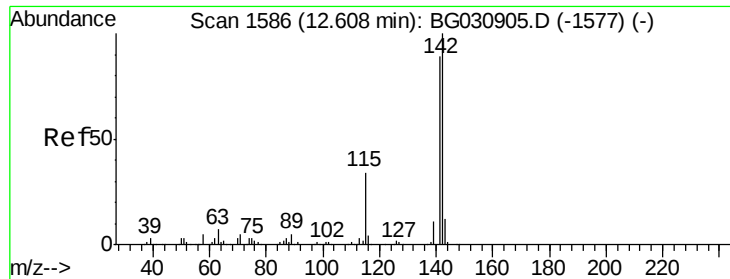
Delta R.T. 0.00 min

Lab File: BG031371.D

Acq: 6 Dec 2017 15:13

Tgt Ion:	107	Resp:	189786
Ion	Ratio	Lower	Upper
107	100		
144	29.0	18.2	27.4#
142	88.4	59.0	88.4





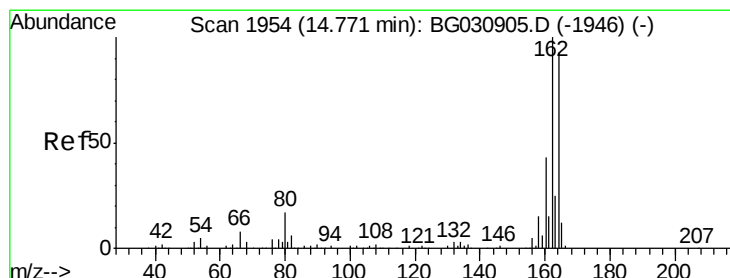
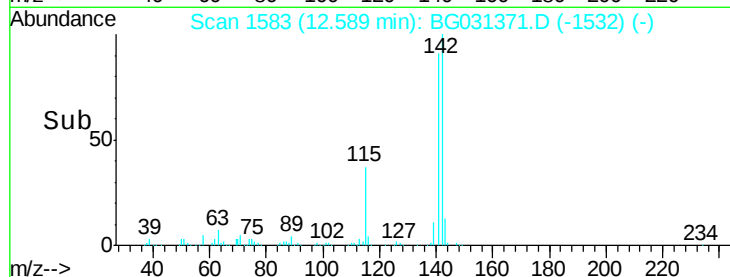
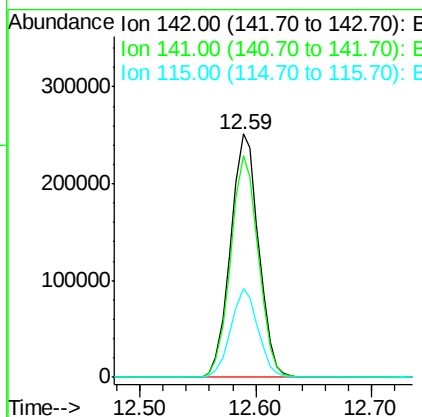
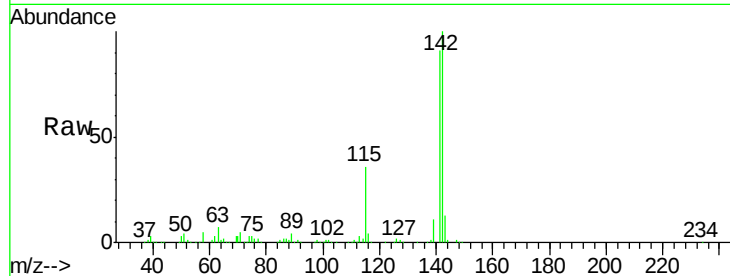
#37
2-Methylnaphthalene
Concen: 42.466 ng
RT: 12.59 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Instrument :
BNA_G
ClientSampleId :
PB104763BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	67.1	100.7
115	36.4	30.7	46.1

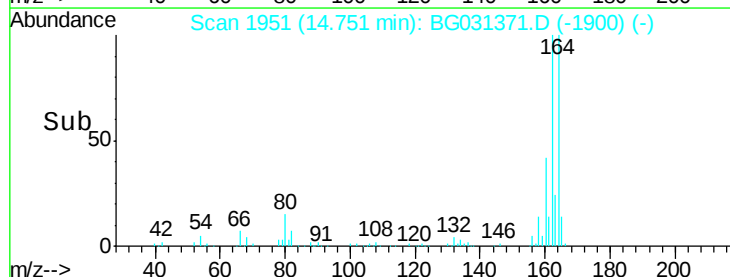
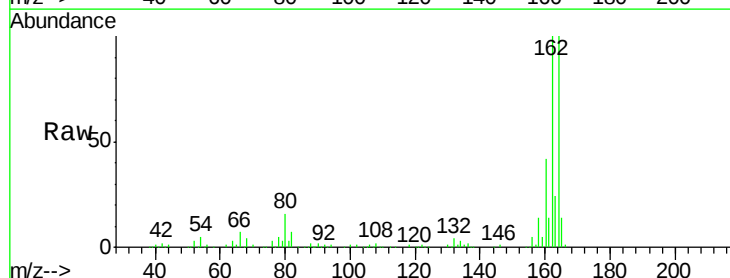
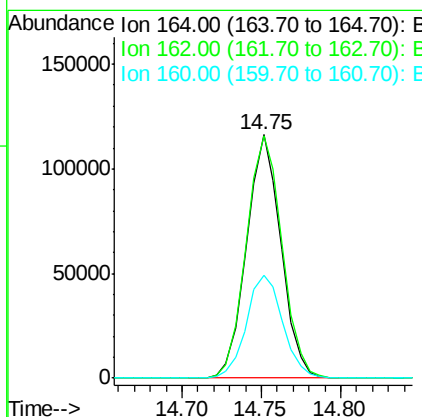
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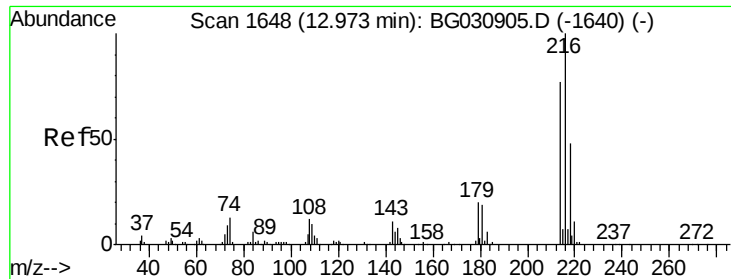
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	78.8	118.2
160	42.0	35.4	53.0





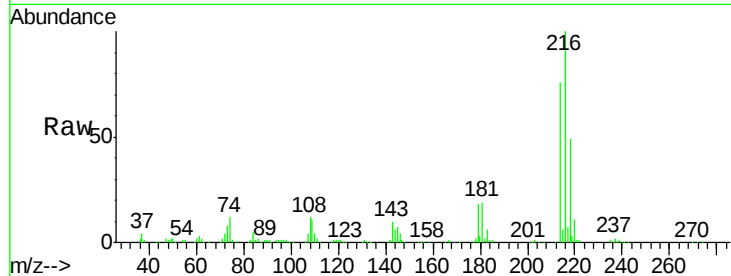
#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.879 ng
RT: 12.96 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Instrument :
BNA_G
ClientSampleId :
PB104763BS

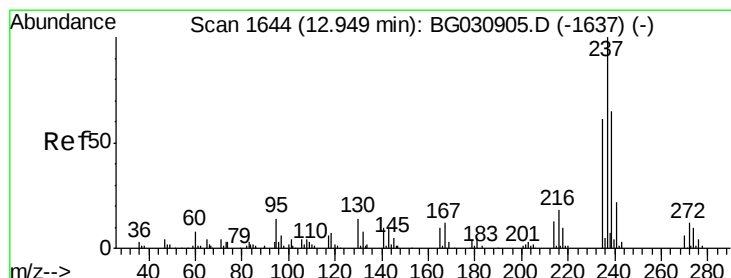
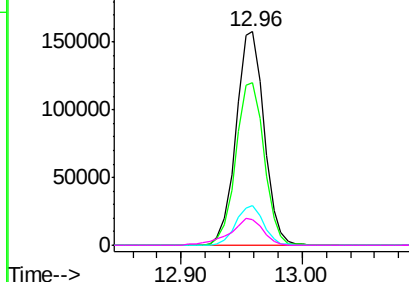
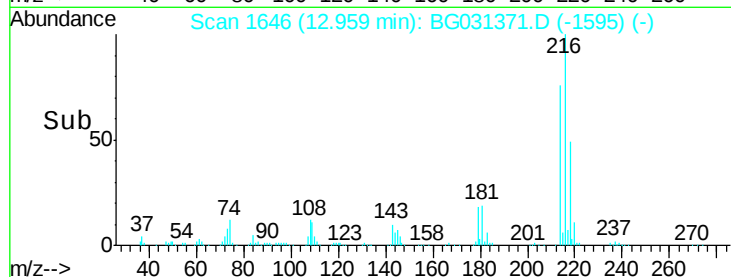
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	77.0	63.0	94.4
179	18.3	17.0	25.6
108	14.8	12.8	19.2

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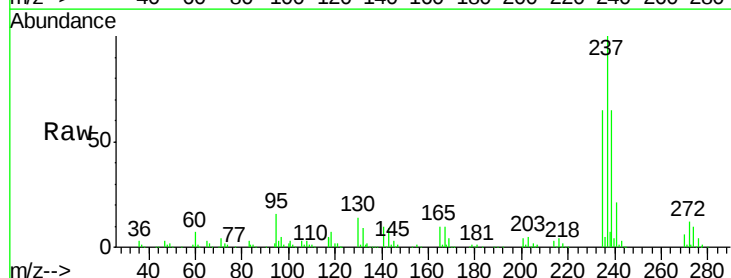


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

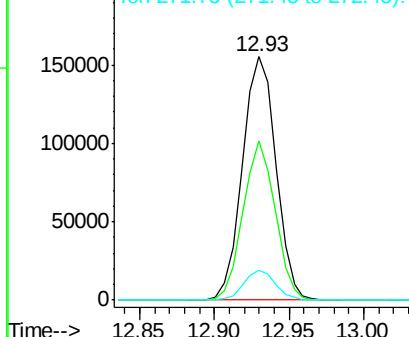
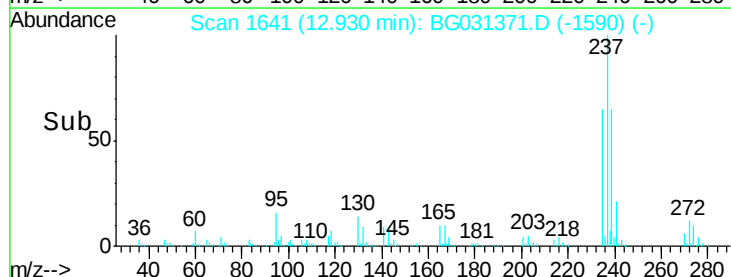


#40
Hexachlorocyclopentadiene
Concen: 91.874 ng
RT: 12.93 min Scan# 1641
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	65.3	50.4	90.4
272	12.2	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





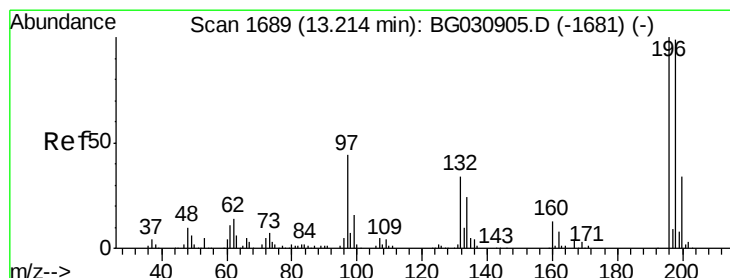
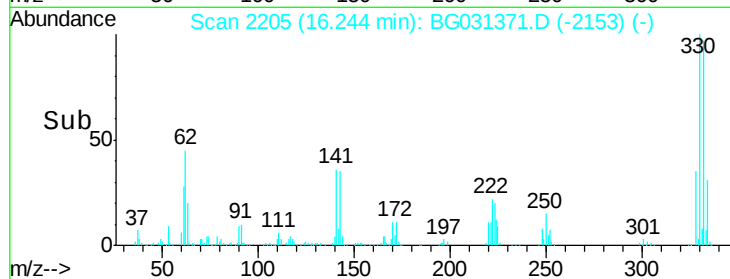
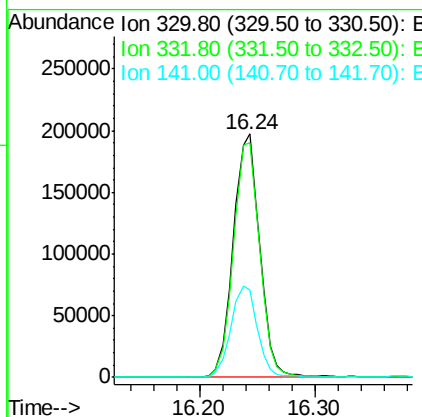
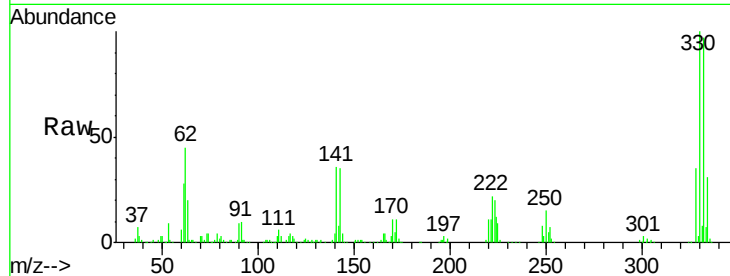
#41
 2,4,6-Tribromophenol
 Concen: 110.801 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. 0.01 min
 Lab File: BG031371.D
 Acq: 6 Dec 2017 15:13

Instrument :
 BNA_G
 ClientSampled :
 PB104763BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	77.0	115.6	
141	38.0	25.2	37.8	

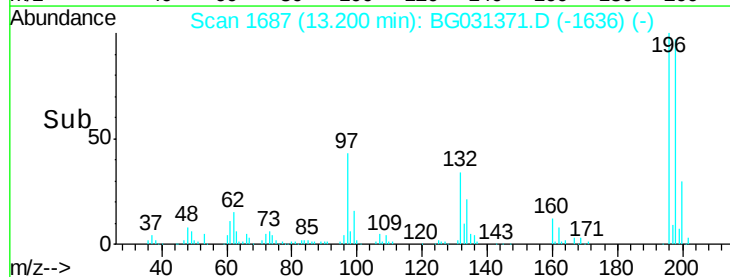
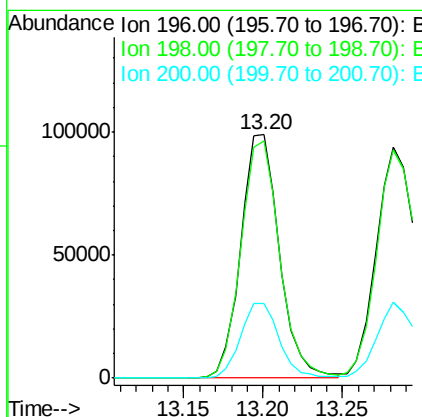
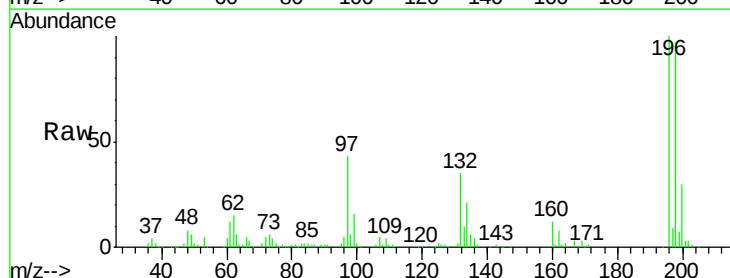
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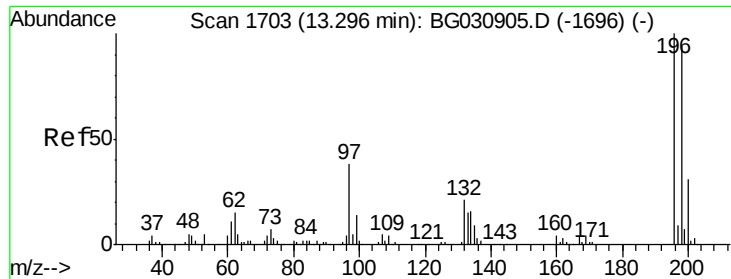
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#42
 2,4,6-Trichlorophenol
 Concen: 42.204 ng
 RT: 13.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: BG031371.D
 Acq: 6 Dec 2017 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.4	78.2	117.2	
200	30.5	24.6	36.8	





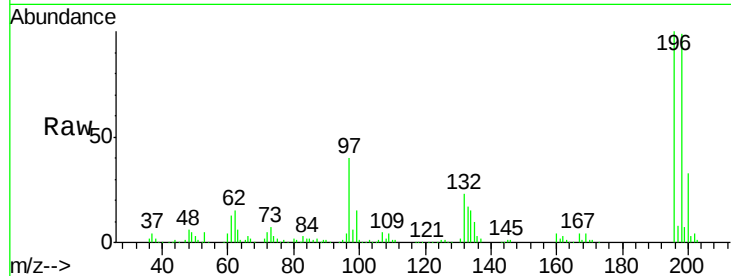
#43
 2,4,5-Trichlorophenol
 Concen: 40.553 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BG031371.D
 Acq: 6 Dec 2017 15:13

Instrument :
 BNA_G
 ClientSampleId :
 PB104763BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		175771		
198	98.9	76.2	114.4		
97	40.2	38.7	58.1		
132	22.9	20.2	30.2		

Manual Integrations
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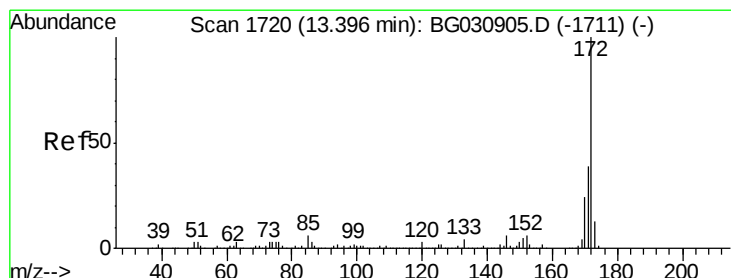
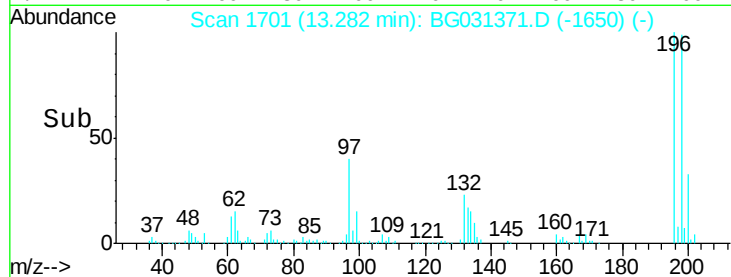
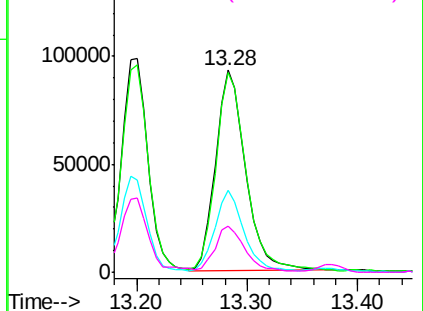
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

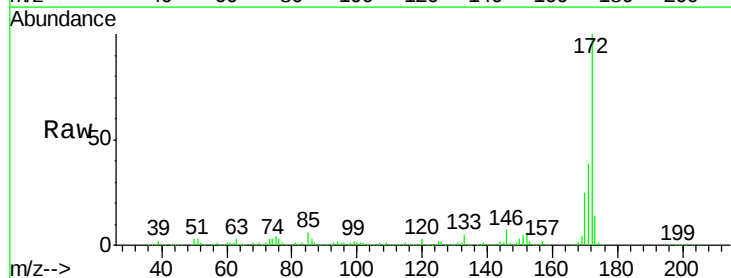
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 94.226 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG031371.D
 Acq: 6 Dec 2017 15:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1144938		
171	38.6	30.0	45.0		
170	24.9	19.5	29.3		

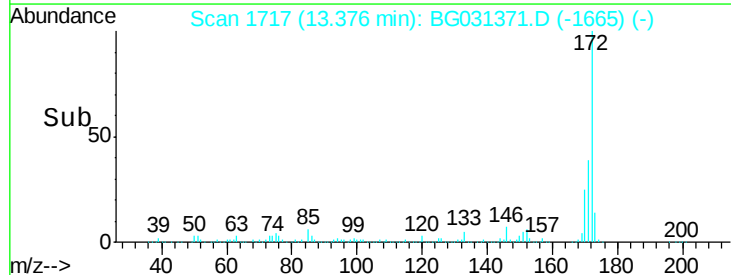
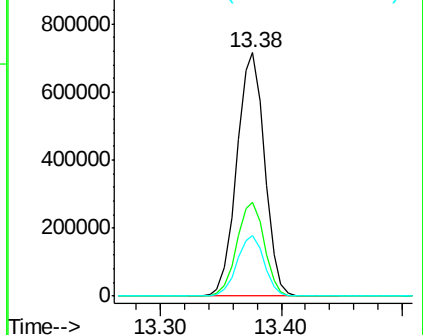


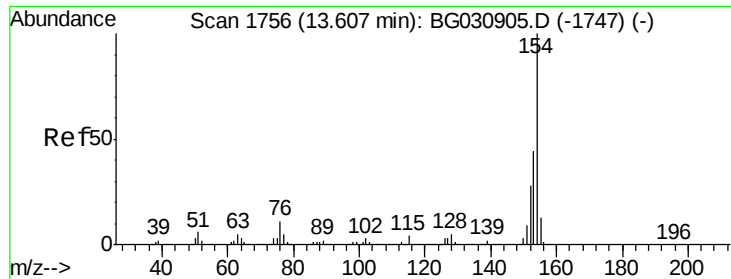
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





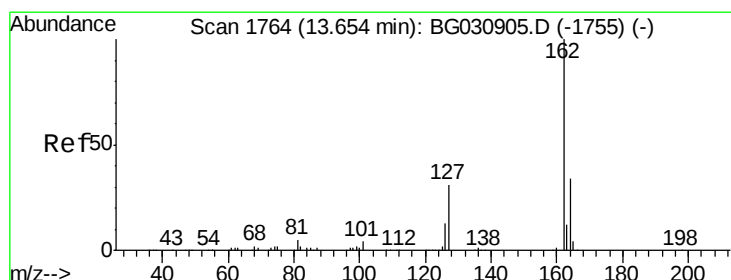
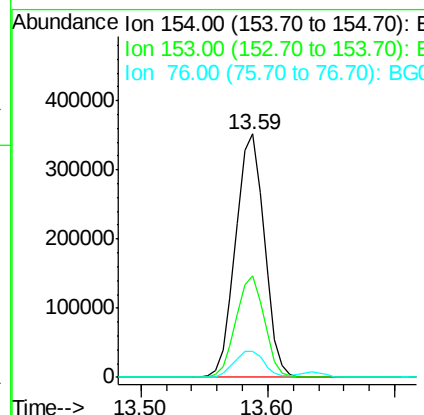
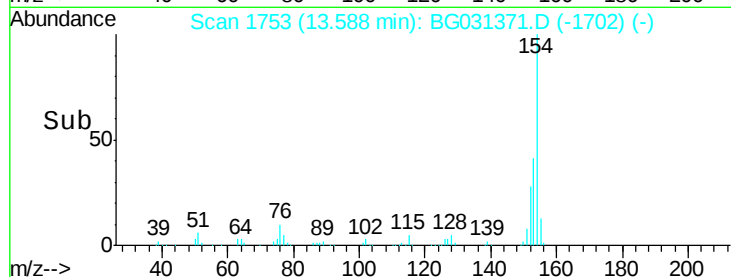
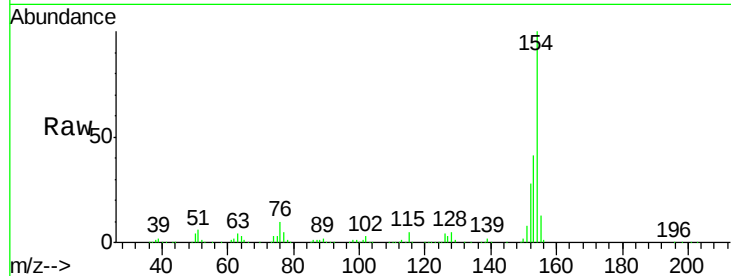
#45
 1,1'-Biphenyl
 Concen: 37.940 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BG031371.D
 Acq: 6 Dec 2017 15:13

Instrument :
 BNA_G
 ClientSampleId :
 PB104763BS

Tot Ion:	154	Resp:	549301
Ion Ratio	Lower	Upper	
154	100		
153	41.5	19.8	59.8
76	10.5	0.0	31.9

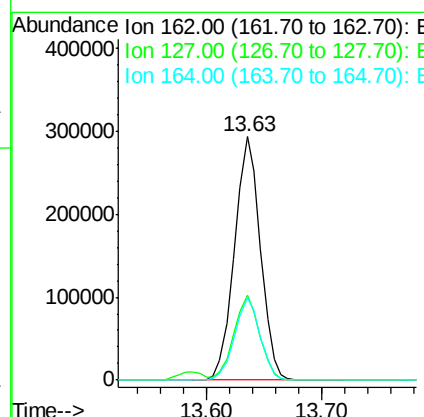
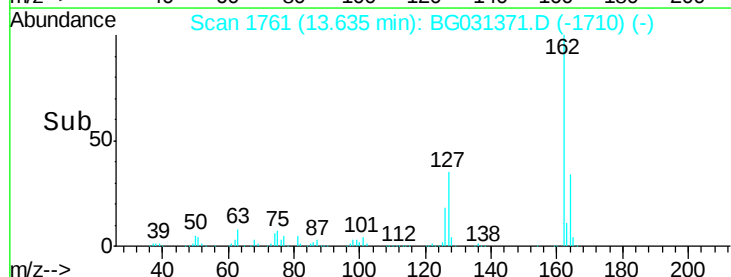
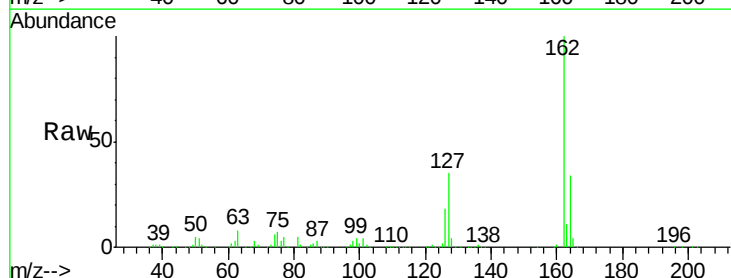
Manual Integrations
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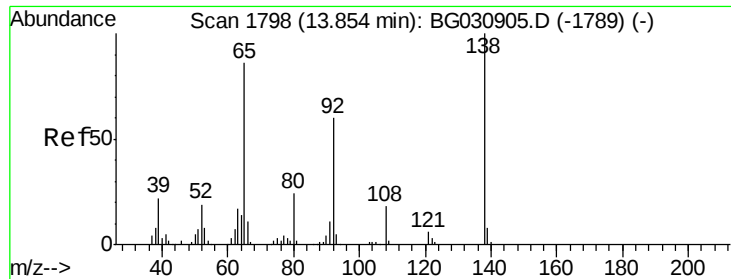
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#46
 2-Chloronaphthalene
 Concen: 43.596 ng
 RT: 13.63 min Scan# 1761
 Delta R.T. 0.00 min
 Lab File: BG031371.D
 Acq: 6 Dec 2017 15:13

Tgt Ion:	162	Resp:	455404
Ion Ratio	Lower	Upper	
162	100		
127	34.8	30.7	46.1
164	33.8	26.0	39.0





#47

2-Nitroaniline

Concen: 40.514 ng

RT: 13.84 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BG031371.D

Acq: 6 Dec 2017 15:13

Instrument :

BNA_G

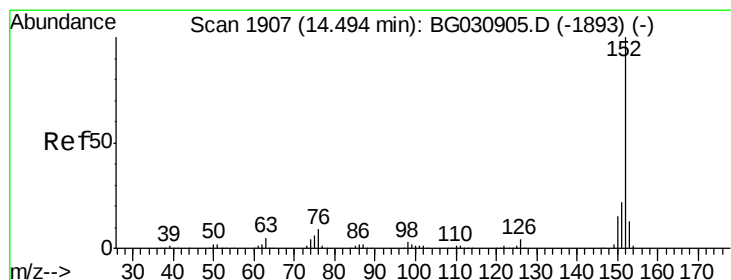
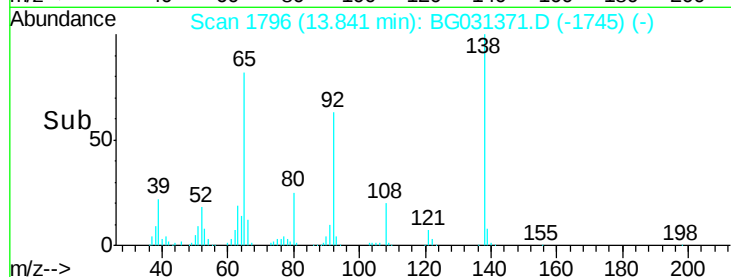
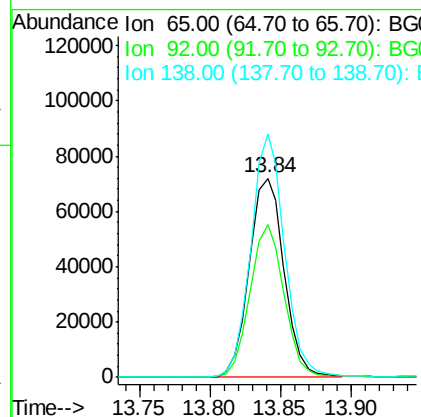
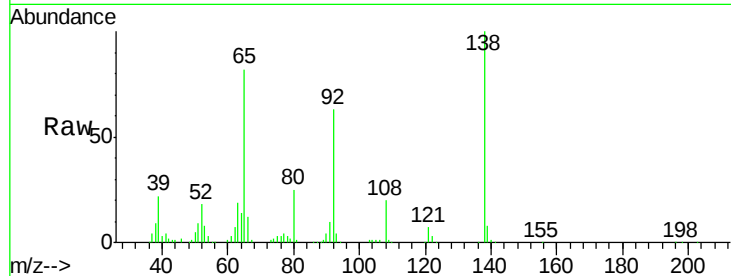
ClientSampleId :

PB104763BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
65	100		125440		
92	76.9	54.6	82.0		
138	122.4	72.9	109.3		

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#48

Acenaphthylene

Concen: 39.842 ng

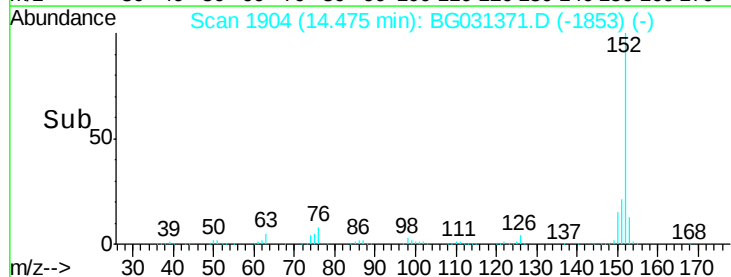
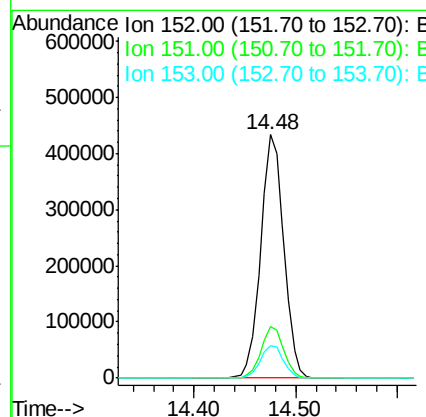
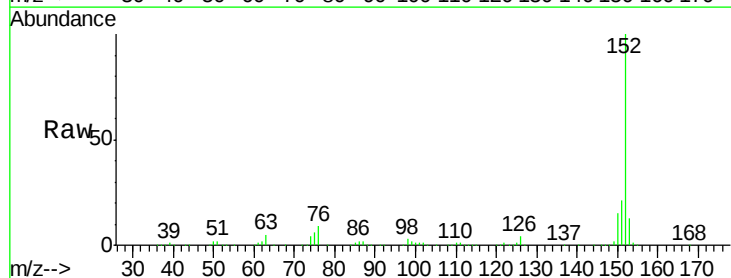
RT: 14.48 min Scan# 1904

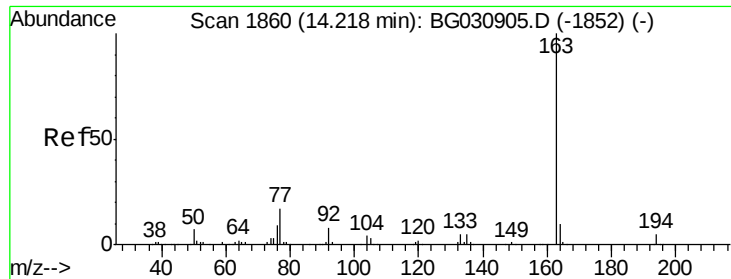
Delta R.T. 0.00 min

Lab File: BG031371.D

Acq: 6 Dec 2017 15:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100		681191		
151	21.1	17.2	25.8		
153	13.4	10.2	15.4		





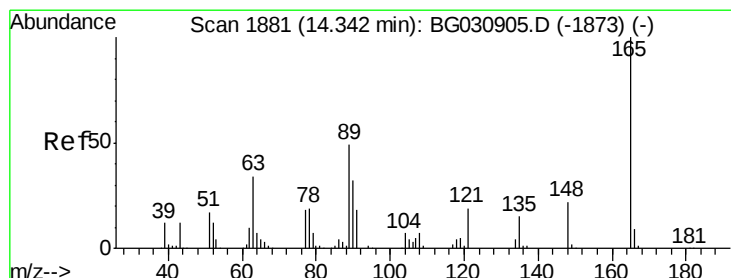
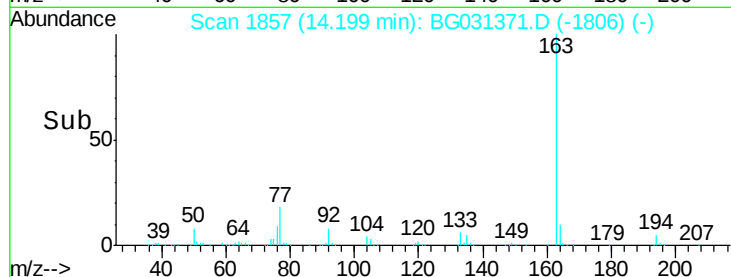
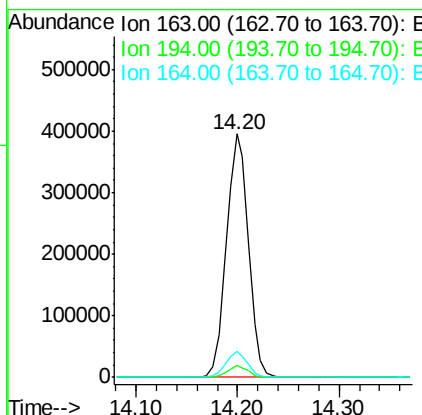
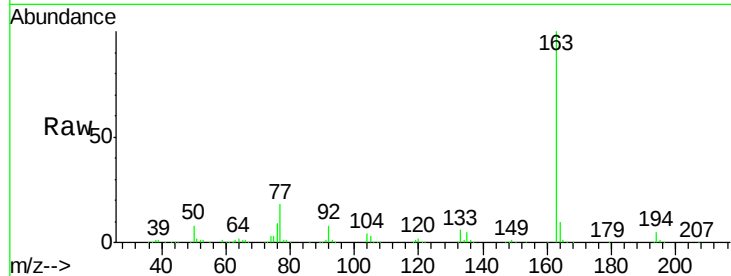
#49
Dimethylphthalate
Concen: 39.166 ng
RT: 14.20 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Instrument :
BNA_G
ClientSampleId :
PB104763BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	591266		
194	4.7		3.4	5.2
164	10.5		8.2	12.4

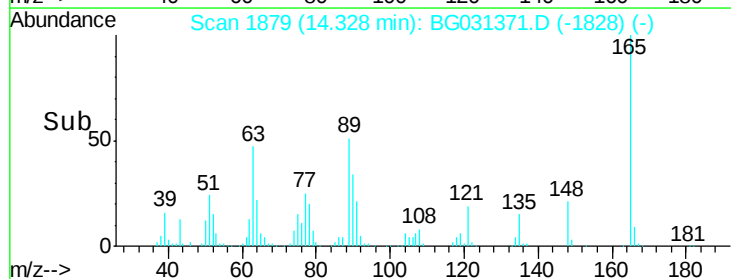
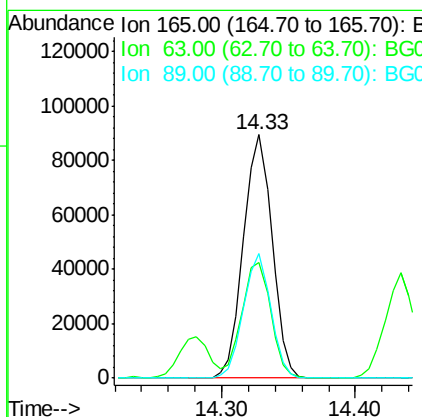
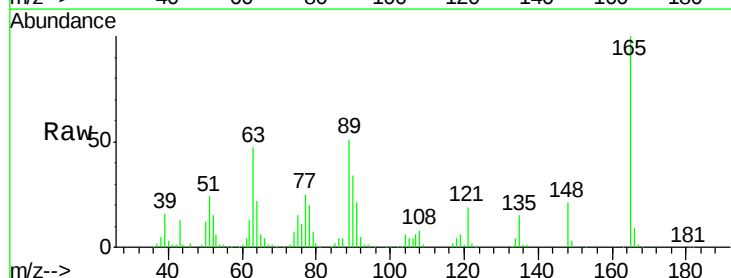
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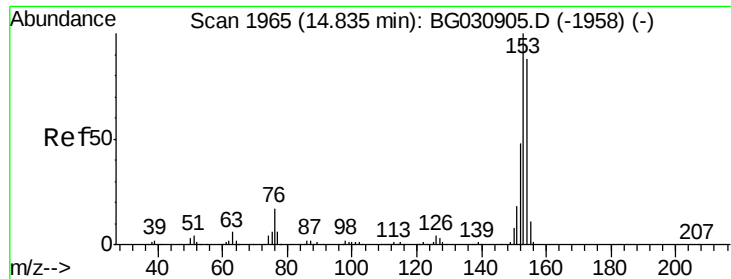
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#50
2,6-Dinitrotoluene
Concen: 42.694 ng
RT: 14.33 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	132845		
63	47.4		52.7	79.1#
89	51.0		49.2	73.8





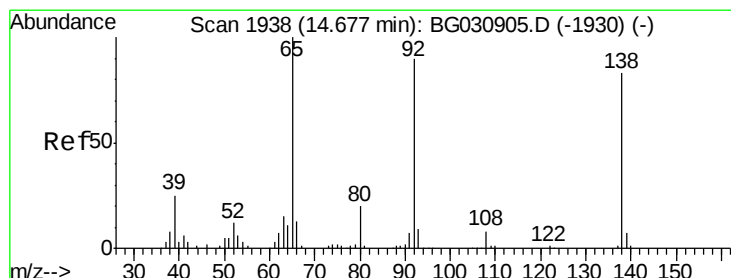
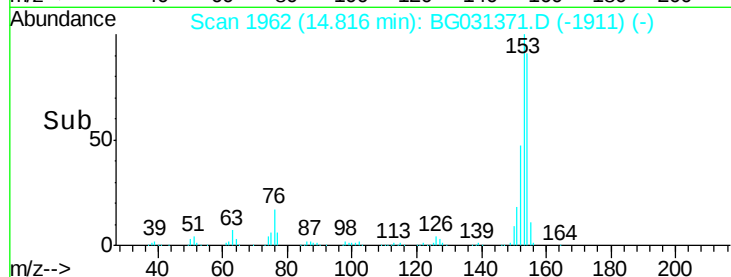
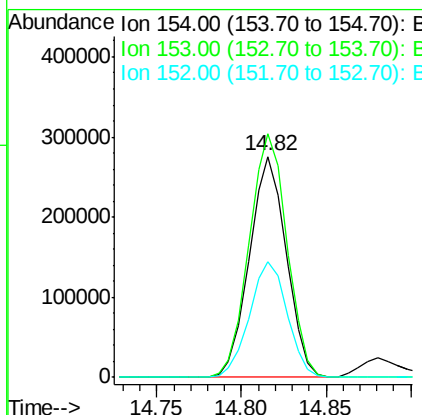
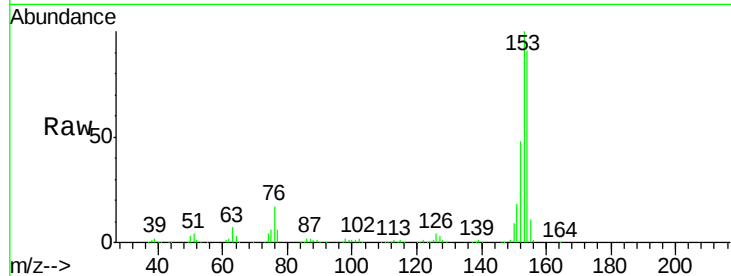
#51
Acenaphthene
Concen: 39.368 ng
RT: 14.82 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Instrument :
BNA_G
ClientSampleId :
PB104763BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	110.1	90.4	135.6
152	52.3	41.6	62.4

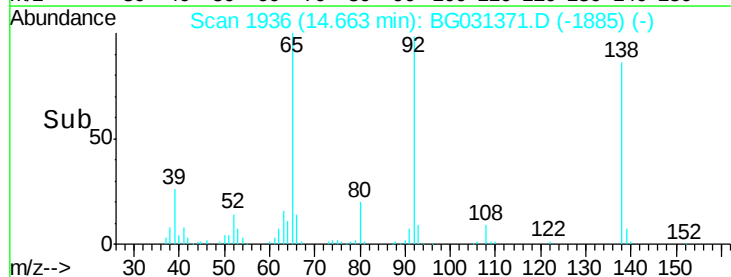
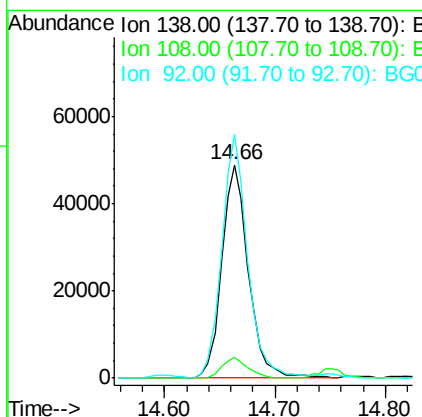
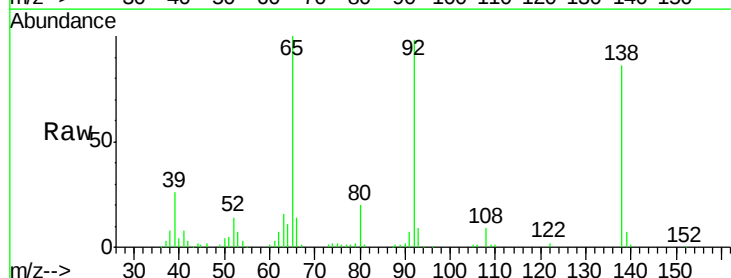
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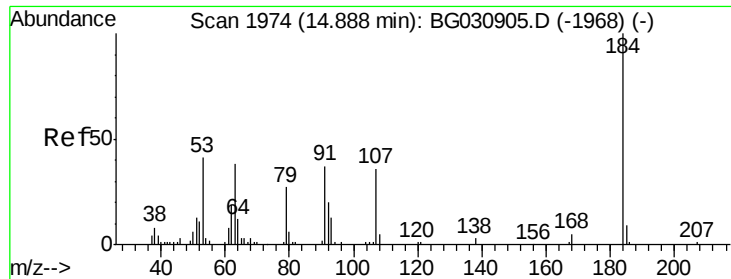
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#52
3-Nitroaniline
Concen: 24.851 ng
RT: 14.66 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.9	17.5	26.3#
92	114.1	105.8	158.8





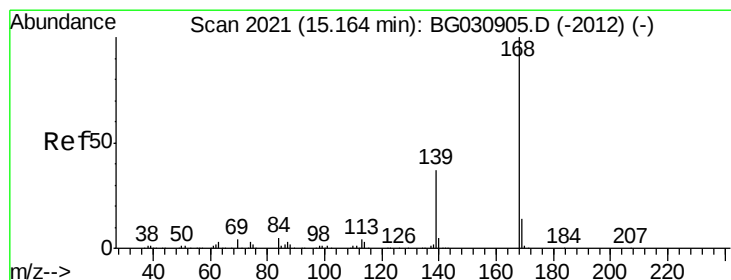
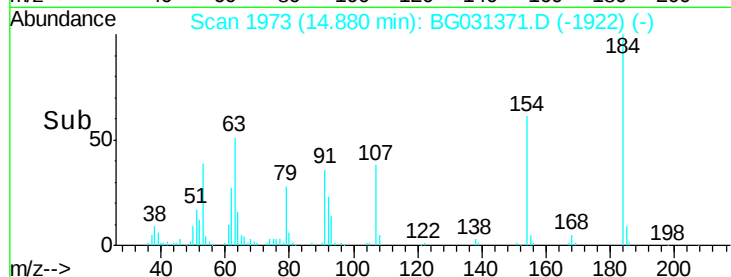
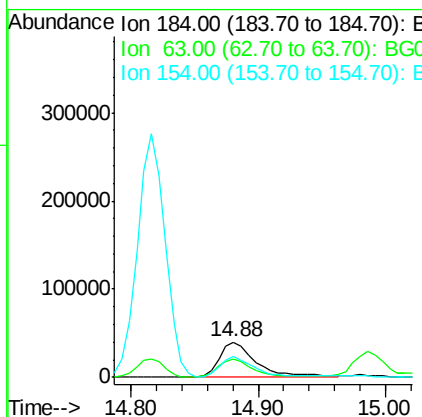
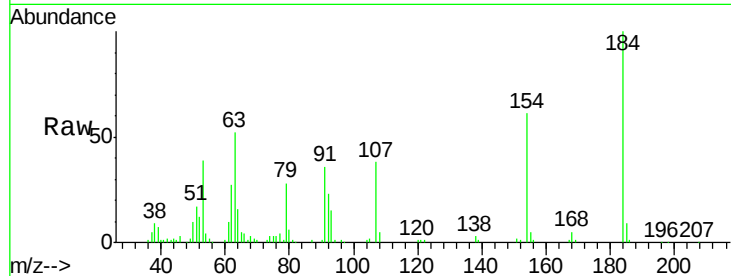
#53
2,4-Dinitrophenol
Concen: 50.399 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Instrument :
BNA_G
ClientSampleId :
PB104763BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	51.7	59.8	89.8#
154	60.8	101.8	152.8#

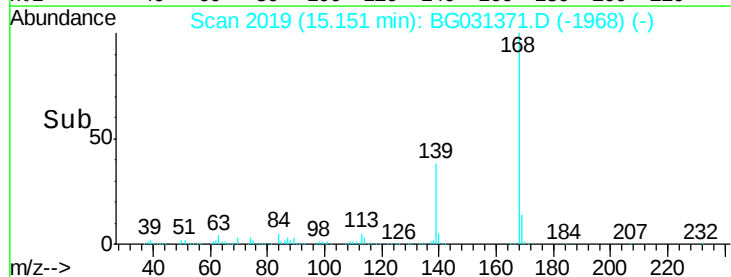
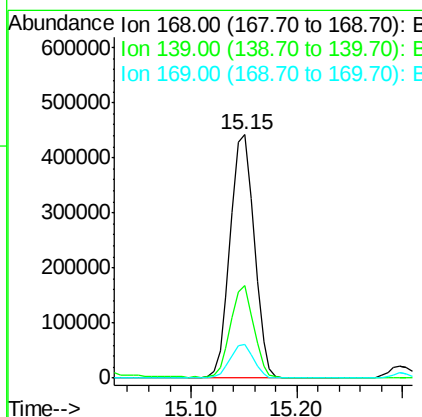
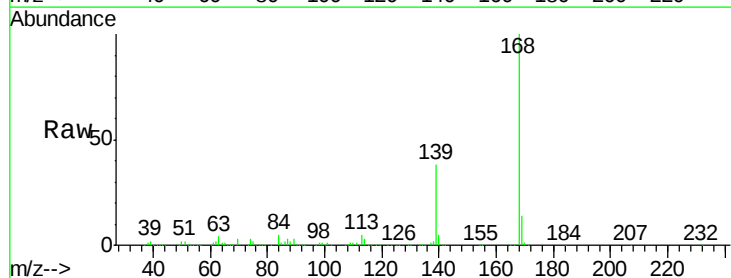
Manual Integrations
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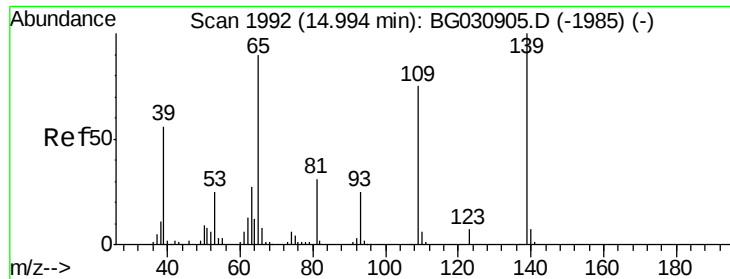
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#54
Dibenzofuran
Concen: 40.986 ng
RT: 15.15 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.8	28.6	43.0
169	13.9	11.2	16.8





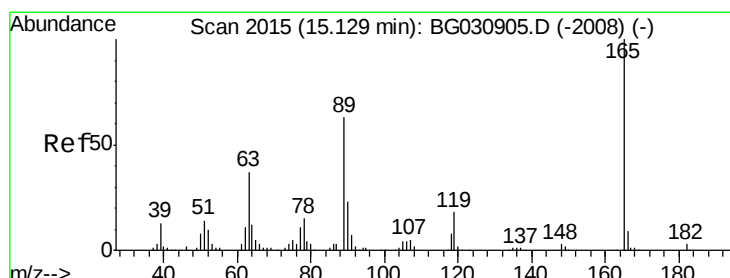
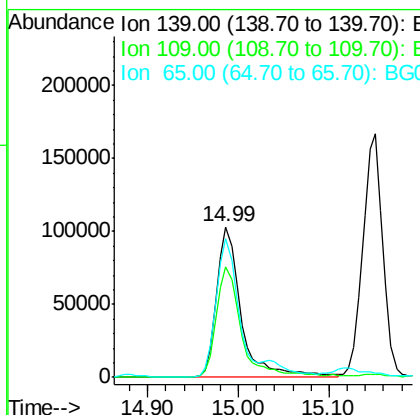
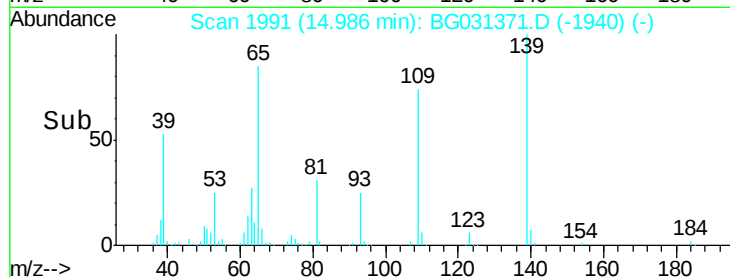
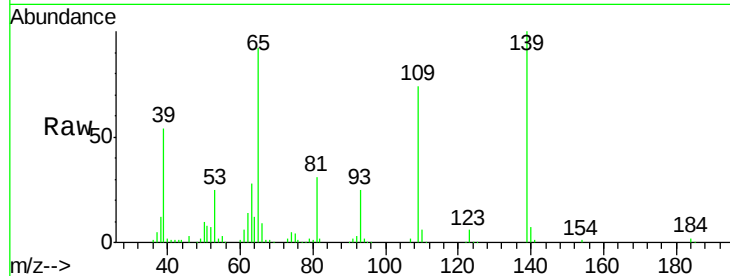
#55
4-Nitrophenol
Concen: 82.525 ng
RT: 14.99 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Instrument :
BNA_G
ClientSampleId :
PB104763BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	194224		
109	73.8	62.2	102.2	
65	92.1	97.2	137.2#	

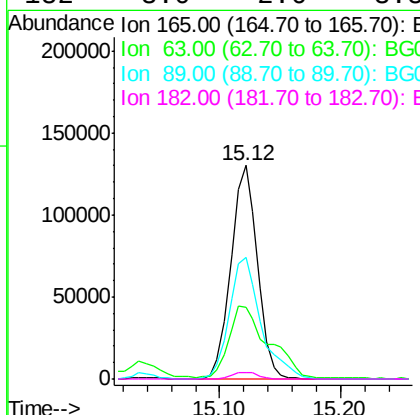
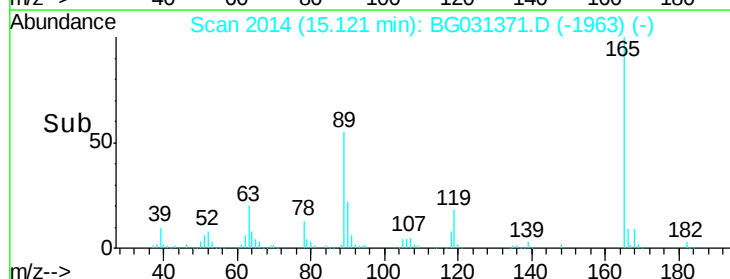
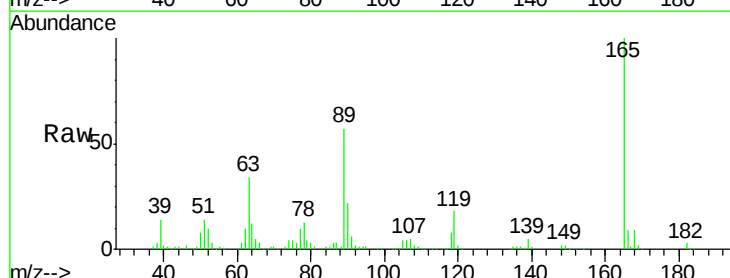
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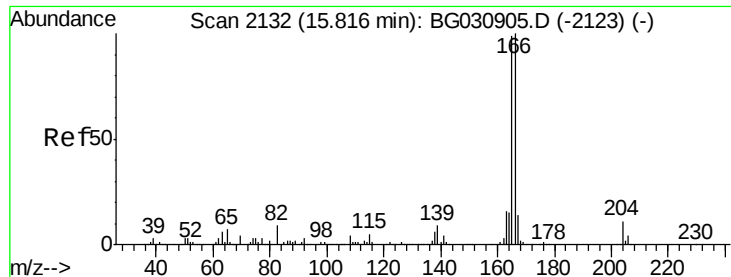
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#56
2,4-Dinitrotoluene
Concen: 44.189 ng
RT: 15.12 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	198776		
63	33.8	42.0	63.0#	
89	57.0	66.9	100.3#	
182	3.0	2.6	3.8	





#57

Fluorene

Concen: 40.493 ng

RT: 15.80 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BG031371.D

Acq: 6 Dec 2017 15:13

Instrument :

BNA_G

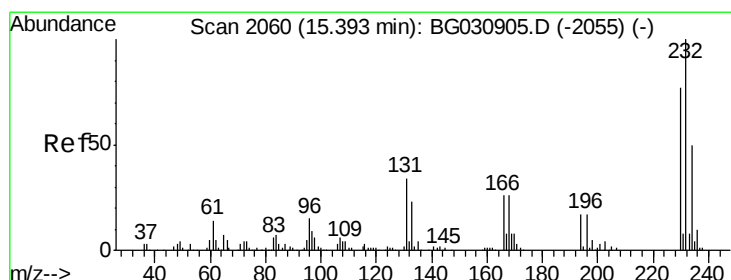
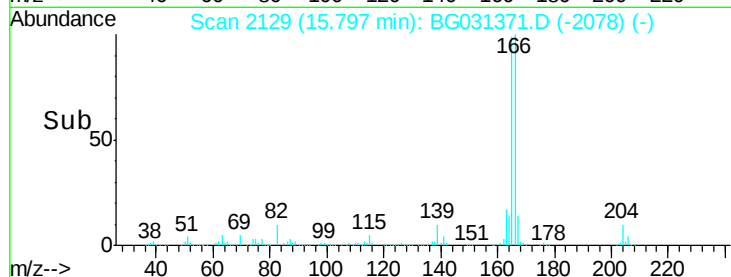
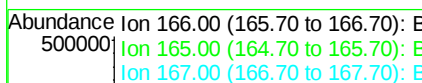
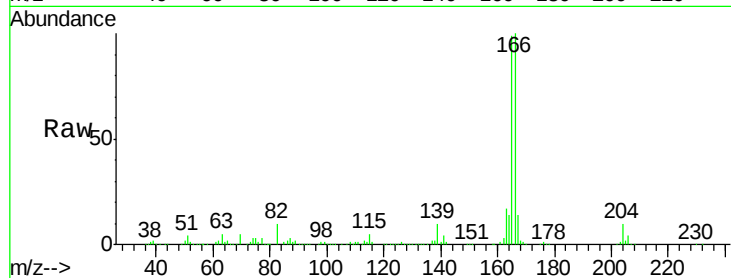
ClientSampleId :

PB104763BS

Tot Ion:	166	Resp:	559133
Ion Ratio	Lower	Upper	
166	100		
165	99.4	80.6	121.0
167	14.4	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.712 ng

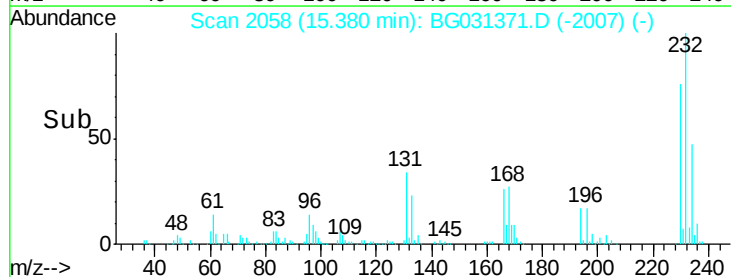
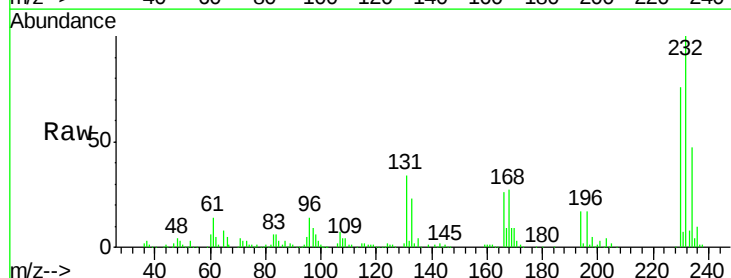
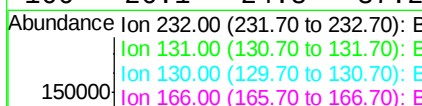
RT: 15.38 min Scan# 2058

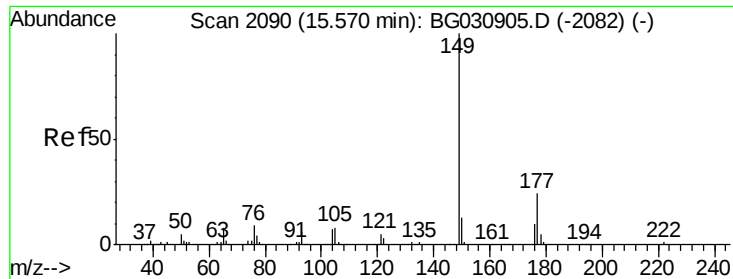
Delta R.T. 0.00 min

Lab File: BG031371.D

Acq: 6 Dec 2017 15:13

Tgt Ion:	232	Resp:	180571
Ion Ratio	Lower	Upper	
232	100		
131	34.7	33.5	50.3
130	1.9	2.2	3.2#
166	26.1	24.8	37.2





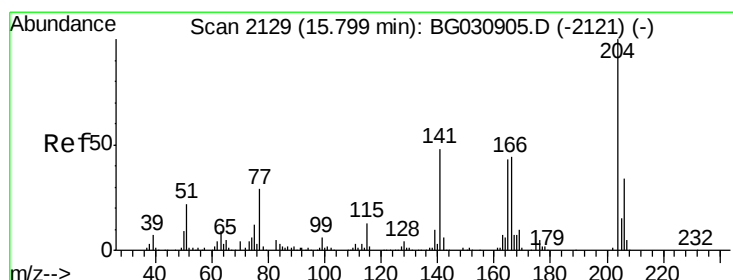
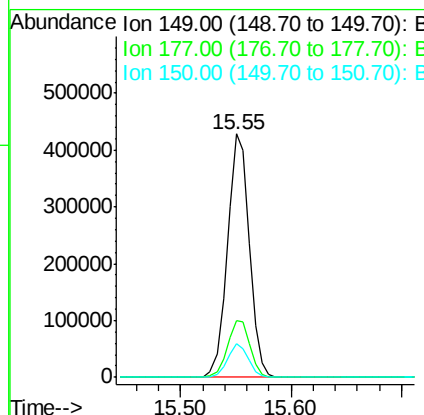
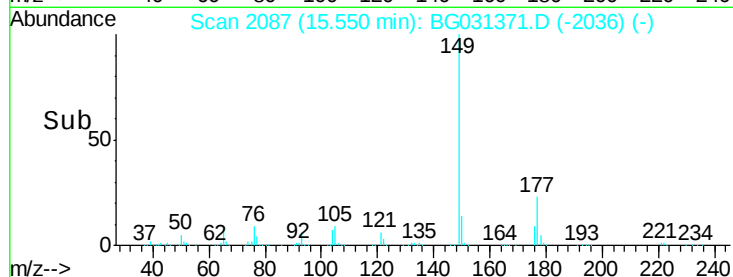
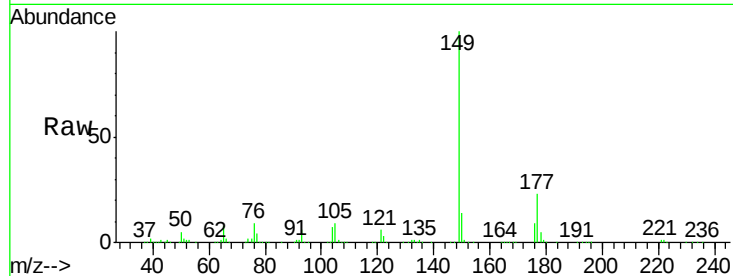
#59
Diethylphthalate
Concen: 38.566 ng
RT: 15.55 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Instrument :
BNA_G
ClientSampleId :
PB104763BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.5	27.7
150	13.8	10.2	15.2

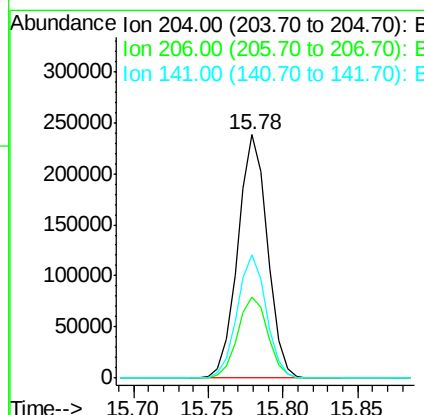
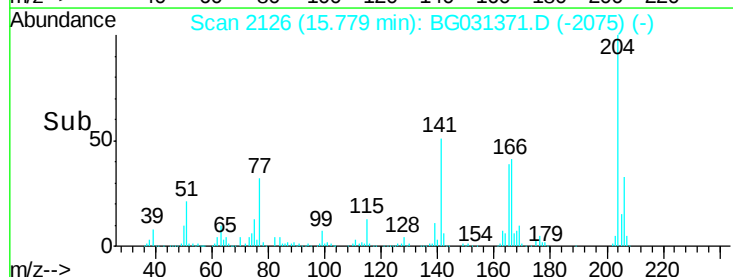
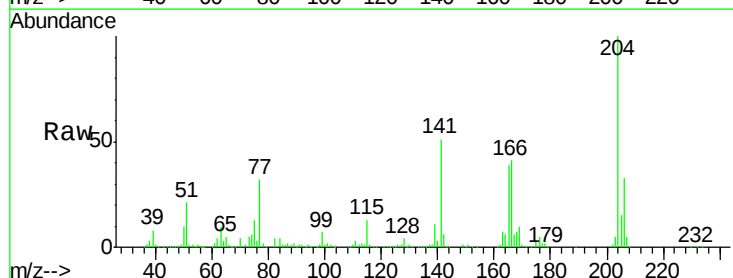
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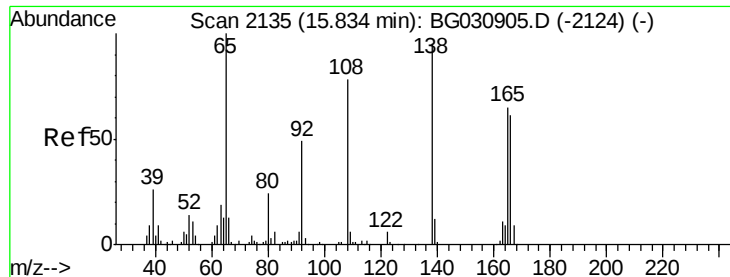
Sohil
12/7/2017 11:37:24 AM



#60
4-Chlorophenyl-phenylether
Concen: 39.417 ng
RT: 15.78 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.2	39.2
141	50.8	45.8	68.6





#61

4-Nitroaniline

Concen: 41.111 ng

RT: 15.83 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BG031371.D

Acq: 6 Dec 2017 15:13

Instrument :

BNA_G

ClientSampled :

PB104763BS

Tot Ion:138 Resp: 143829

Ion Ratio Lower Upper

138 100

92 48.4 40.1 80.1

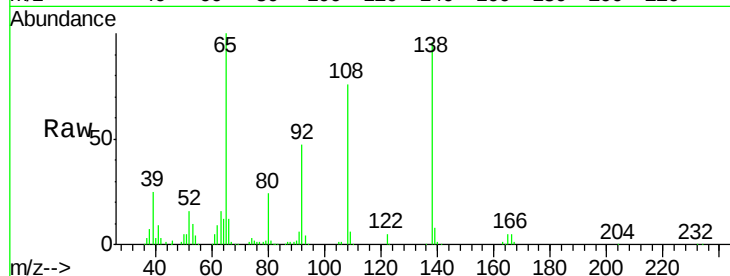
108 79.1 65.4 105.4

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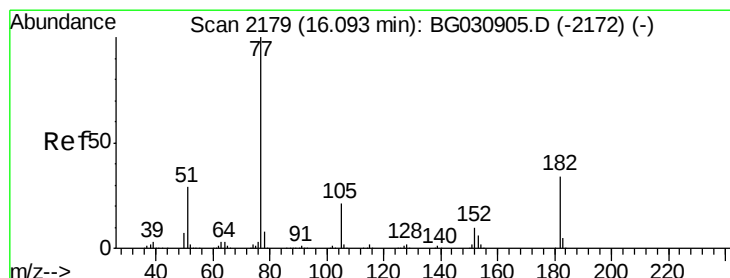
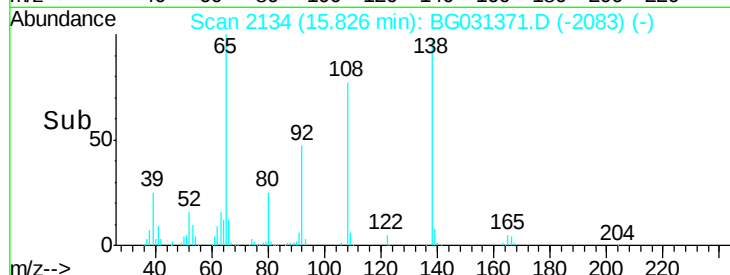
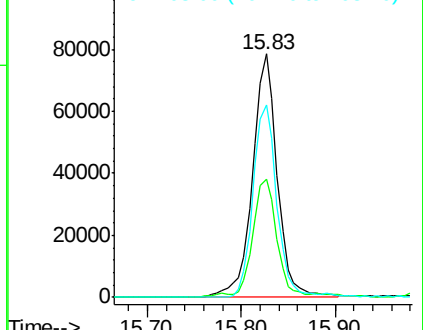
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.061 ng

RT: 16.07 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BG031371.D

Acq: 6 Dec 2017 15:13

Tgt Ion: 77 Resp: 491897

Ion Ratio Lower Upper

77 100

182 32.2 7.4 47.4

105 20.9 0.3 40.3

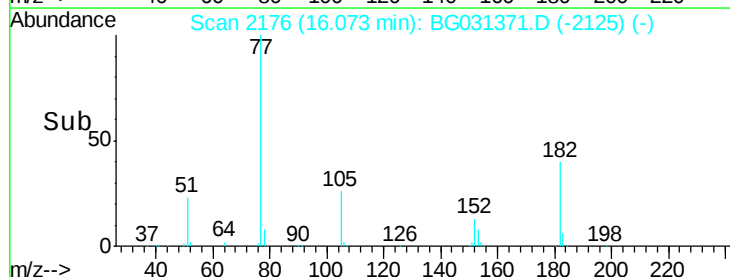
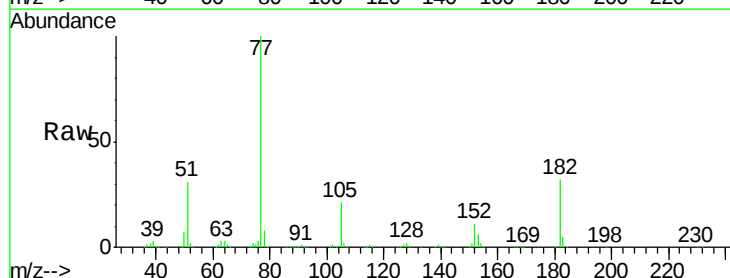
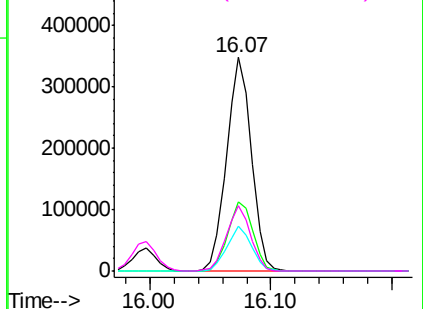
51 30.8 11.6 51.6

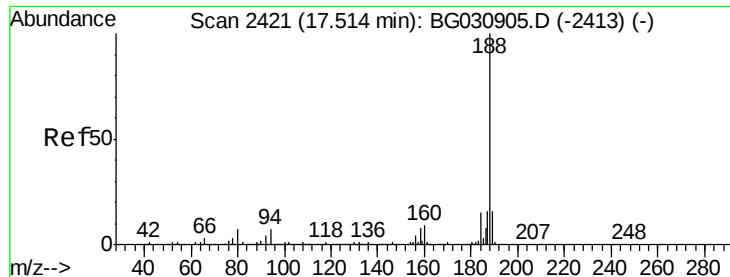
Abundance Ion 77.00 (76.70 to 77.70): BGC

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





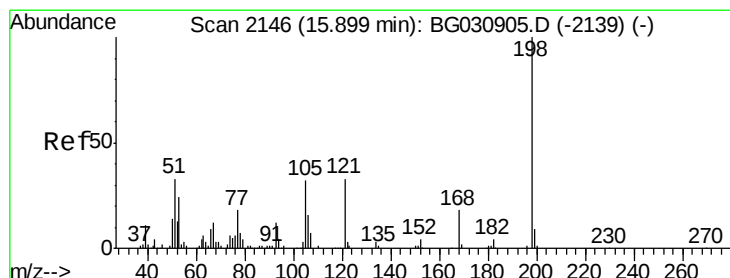
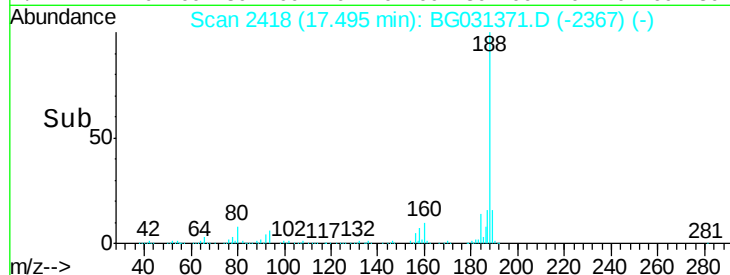
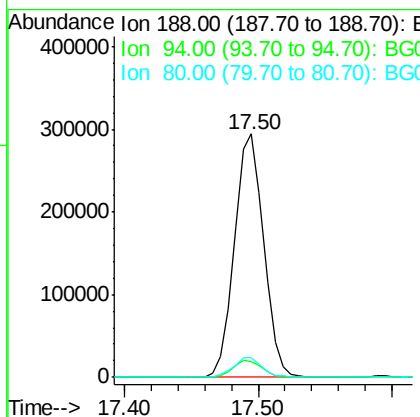
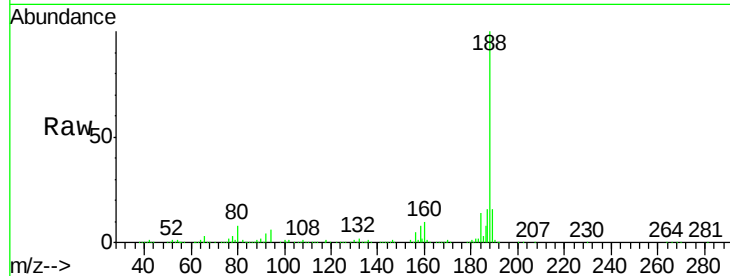
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Instrument :
BNA_G
ClientSampleId :
PB104763BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	448252		
94	6.4	6.9	10.3	
80	7.8	7.7	11.5	

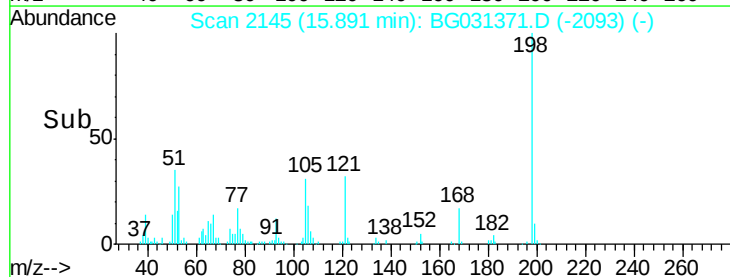
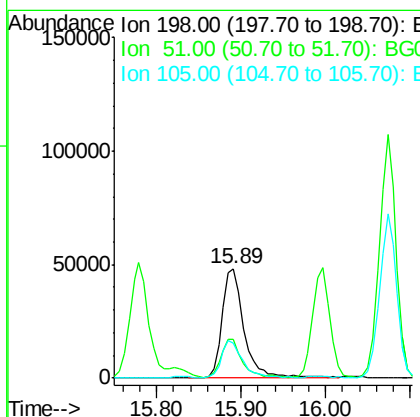
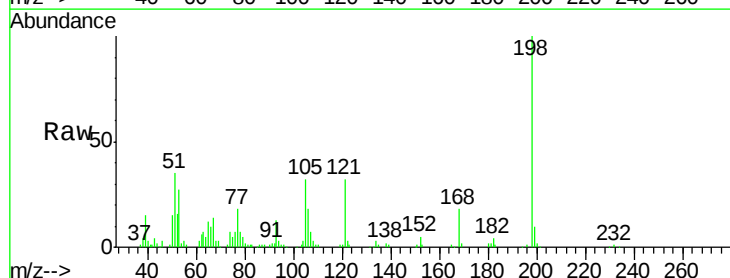
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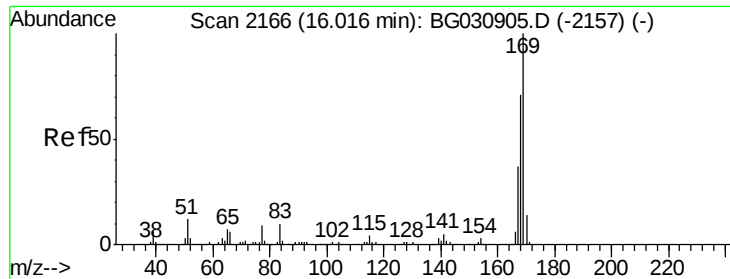
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#64
4,6-Dinitro-2-methylphenol
Concen: 29.082 ng
RT: 15.89 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	86649		
51	35.2	30.6	70.6	
105	31.8	23.8	63.8	





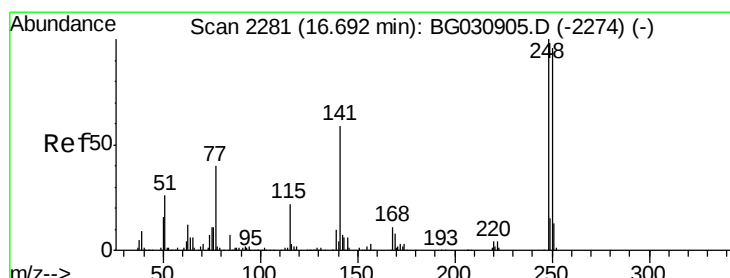
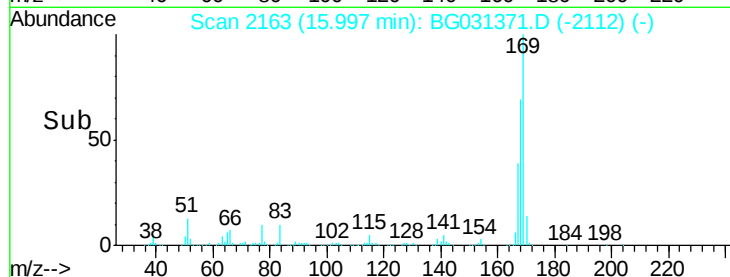
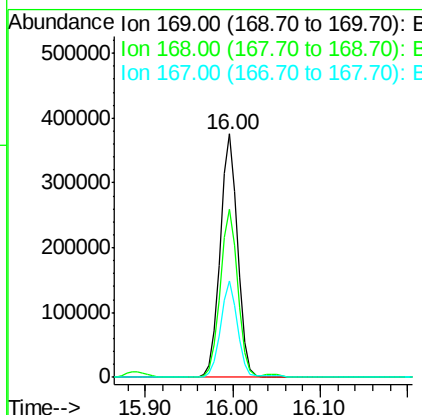
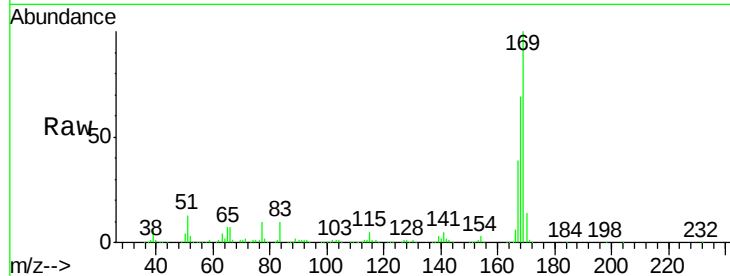
#65
n-Nitrosodiphenylamine
Concen: 38.349 ng
RT: 16.00 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Instrument :
BNA_G
ClientSampleId :
PB104763BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	520906		
168	69.1		55.7	83.5
167	39.4		30.1	45.1

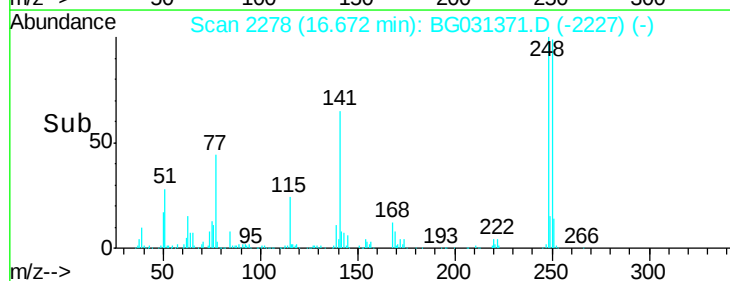
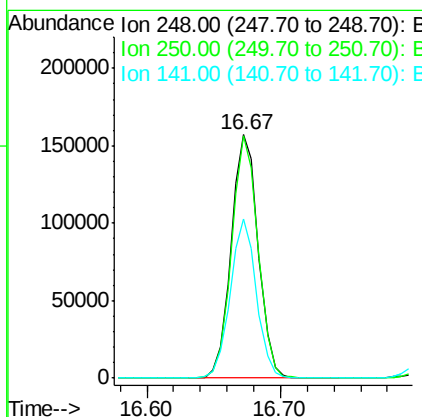
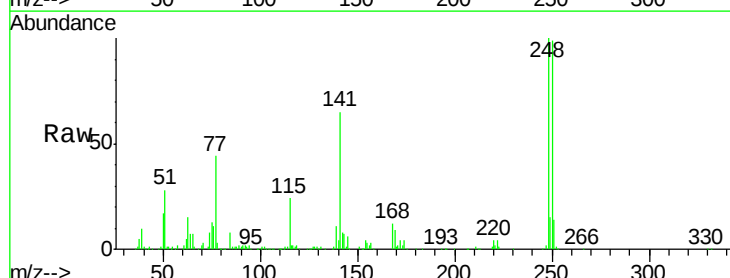
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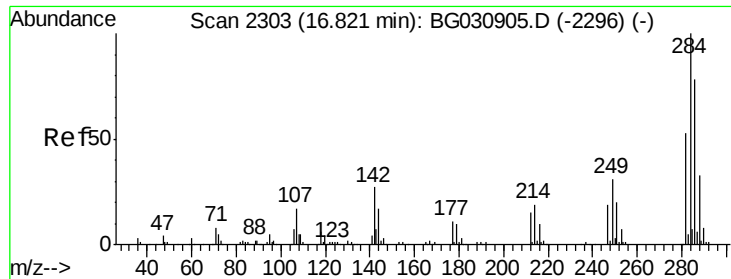
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 38.936 ng
RT: 16.67 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	221051		
250	99.3		77.1	115.7
141	65.2		50.8	76.2





#67

Hexachlorobenzene

Concen: 37.037 ng

RT: 16.80 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BG031371.D

Acq: 6 Dec 2017 15:13

Instrument :

BNA_G

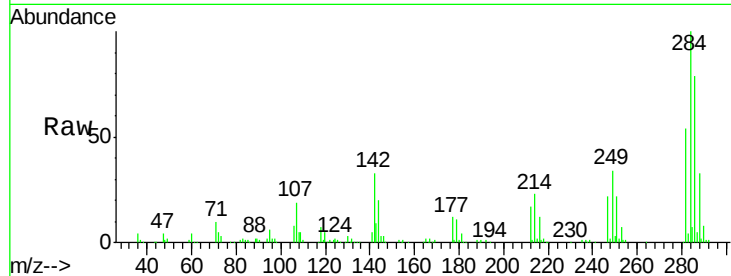
ClientSampleId :

PB104763BS

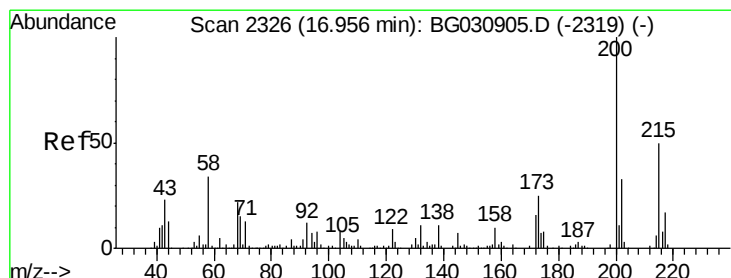
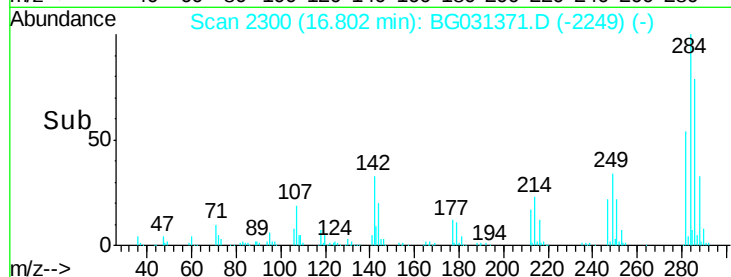
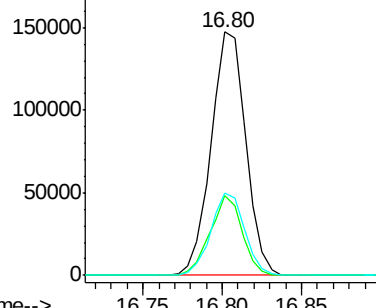
Tot Ion:	284	Resp:	223424
Ion Ratio	Lower	Upper	
284	100		
142	32.8	26.8	40.2
249	33.8	26.3	39.5

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



#68

Atrazine

Concen: 39.719 ng

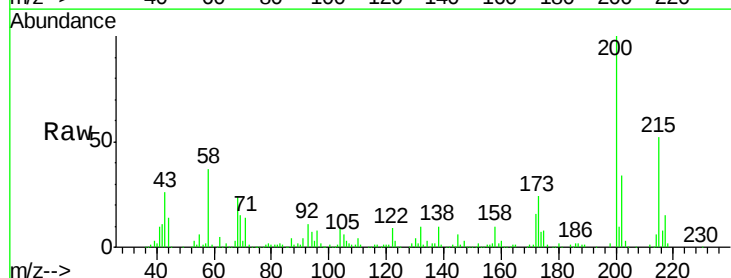
RT: 16.94 min Scan# 2323

Delta R.T. 0.00 min

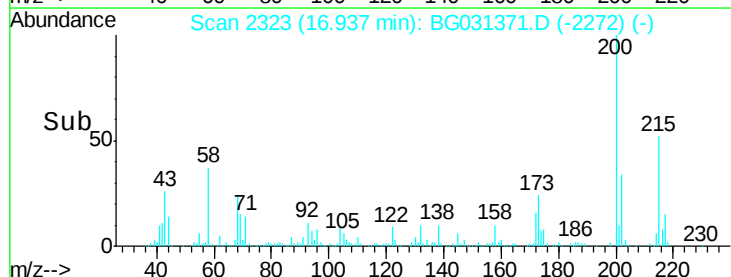
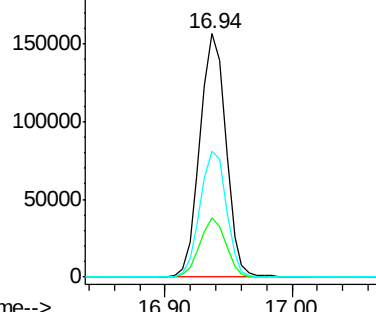
Lab File: BG031371.D

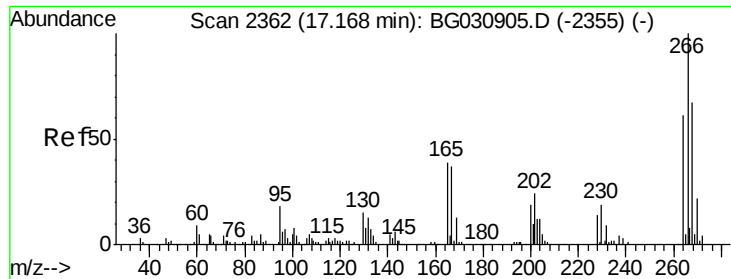
Acq: 6 Dec 2017 15:13

Tgt Ion:	200	Resp:	222599
Ion Ratio	Lower	Upper	
200	100		
173	24.3	5.2	45.2
215	51.7	30.4	70.4



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





#69

Pentachlorophenol

Concen: 61.111 ng

RT: 17.15 min Scan# 2360

Delta R.T. 0.00 min

Lab File: BG031371.D

Acq: 6 Dec 2017 15:13

Instrument :

BNA_G

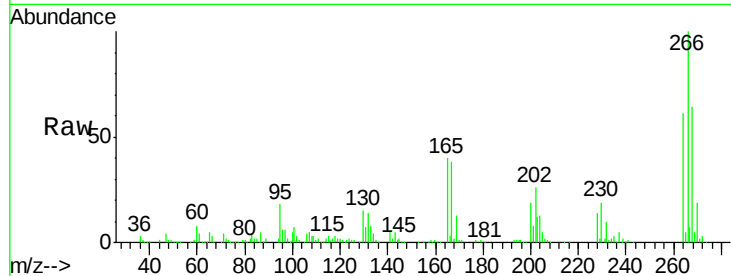
ClientSampleId :

PB104763BS

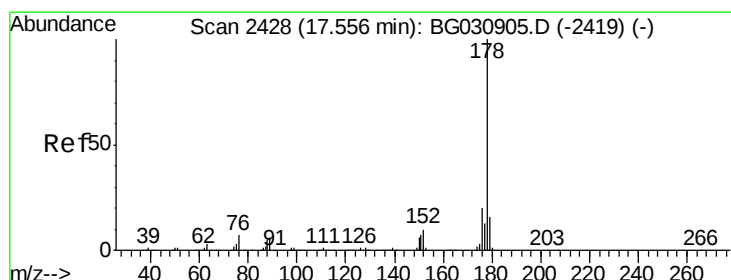
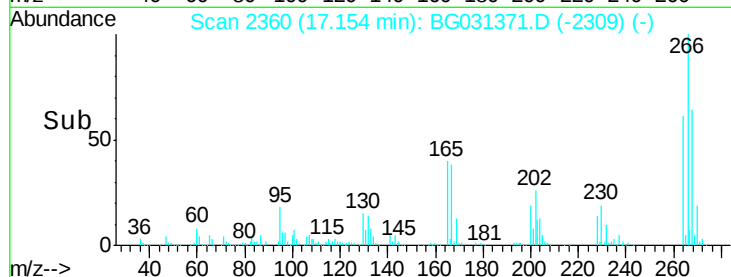
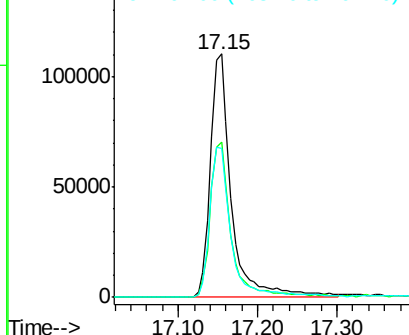
Tot Ion:	266	Resp:	203779
Ion Ratio	Lower	Upper	
266	100		
268	63.9	51.1	76.7
264	60.9	49.6	74.4

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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: 41.952 ng

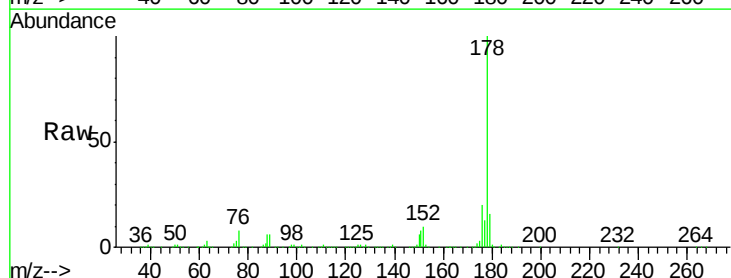
RT: 17.54 min Scan# 2425

Delta R.T. 0.00 min

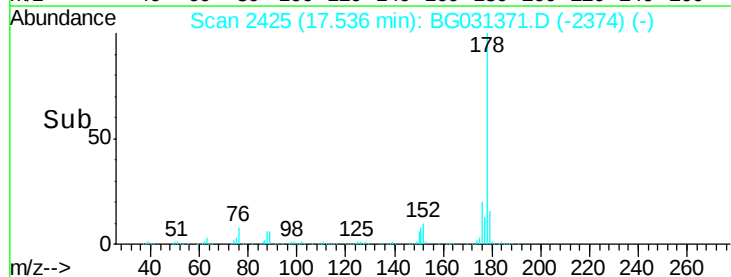
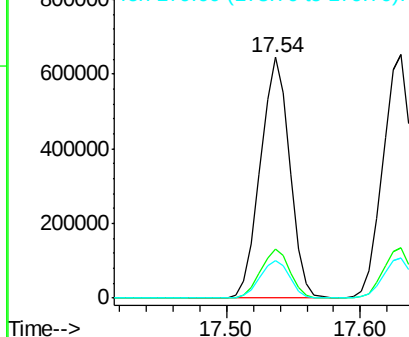
Lab File: BG031371.D

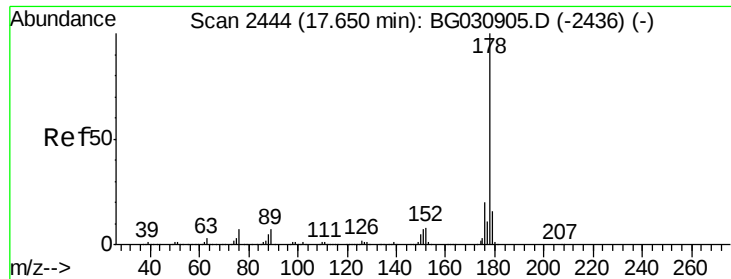
Acq: 6 Dec 2017 15:13

Tgt Ion:	178	Resp:	979128
Ion Ratio	Lower	Upper	
178	100		
176	20.5	15.7	23.5
179	15.8	12.5	18.7



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





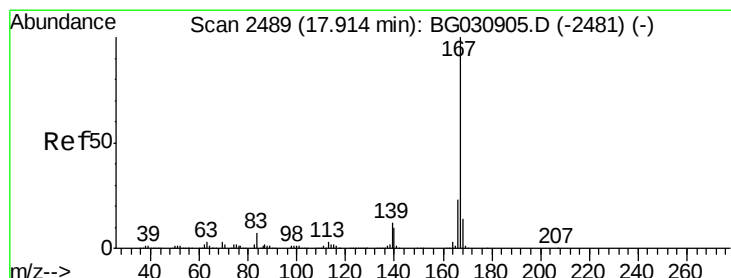
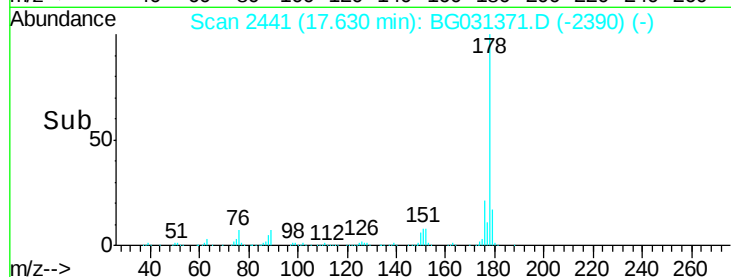
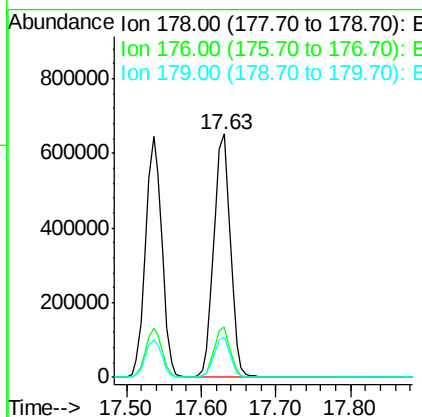
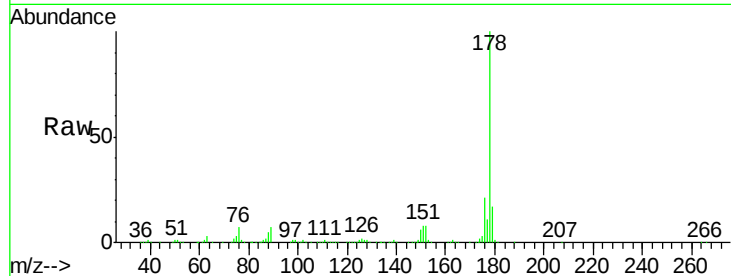
#71
 Anthracene
 Concen: 42.868 ng
 RT: 17.63 min Scan# 2441
 Delta R.T. 0.00 min
 Lab File: BG031371.D
 Acq: 6 Dec 2017 15:13

Instrument :
 BNA_G
 ClientSampleId :
 PB104763BS

Tot Ion:178 Resp: 1002496
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.0 24.0
 179 16.5 12.5 18.7

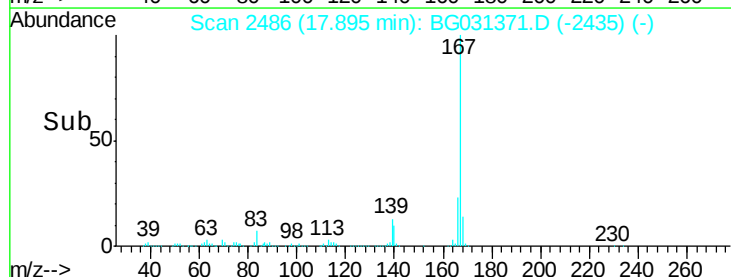
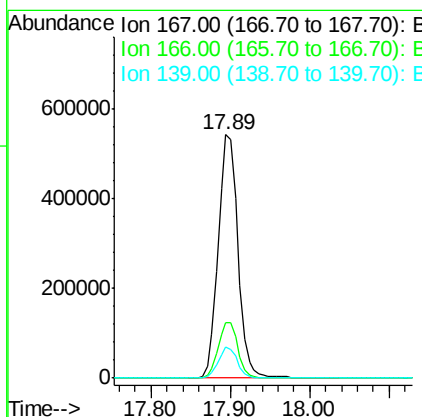
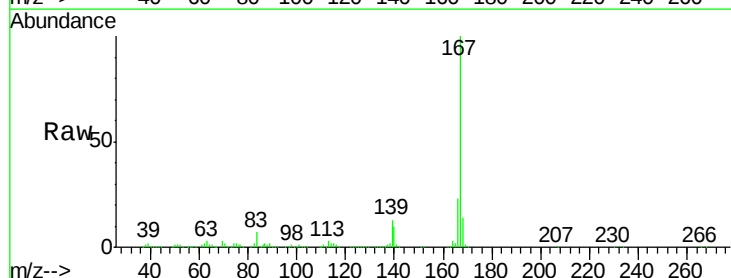
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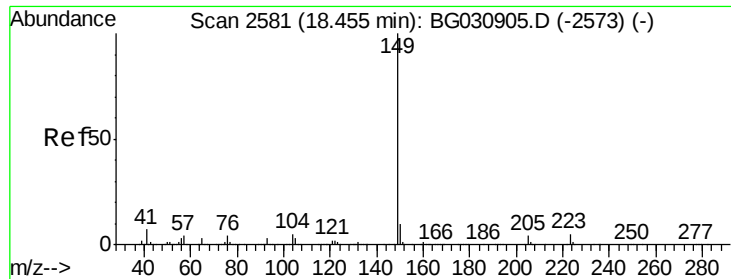
Sohil
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#72
 Carbazole
 Concen: 42.835 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG031371.D
 Acq: 6 Dec 2017 15:13

Tgt Ion:167 Resp: 938618
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.2 27.4
 139 13.0 9.4 14.2





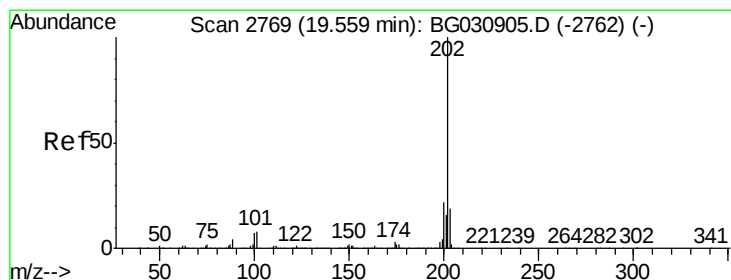
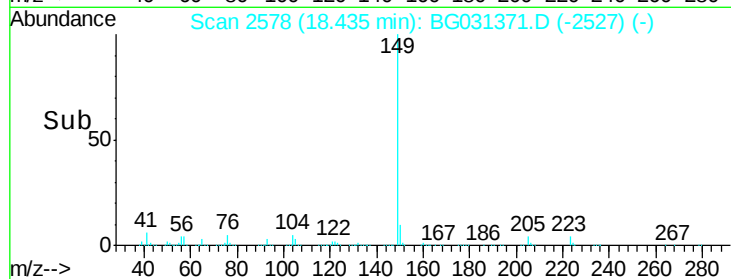
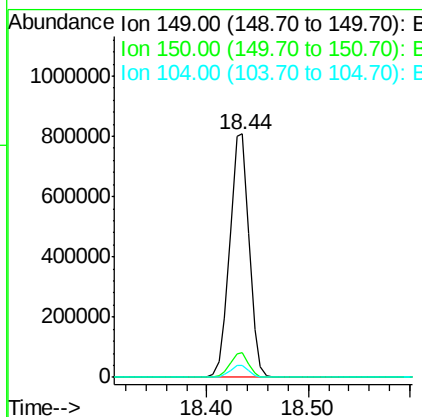
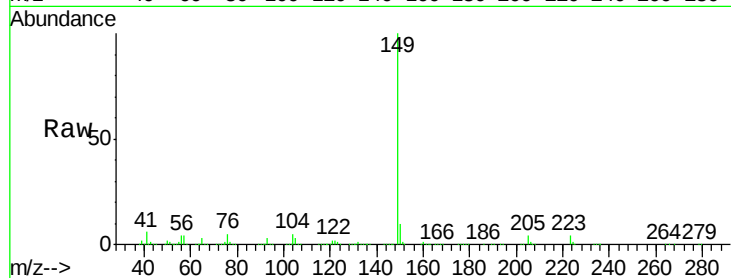
#73
Di-n-butylphthalate
Concen: 39.933 ng
RT: 18.44 min Scan# 2578
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Instrument :
BNA_G
ClientSampleId :
PB104763BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.8	11.6
104	4.8	3.9	5.9

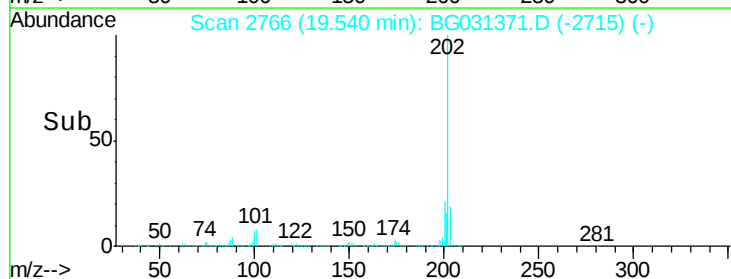
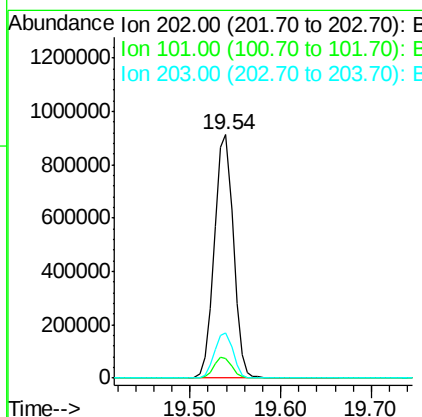
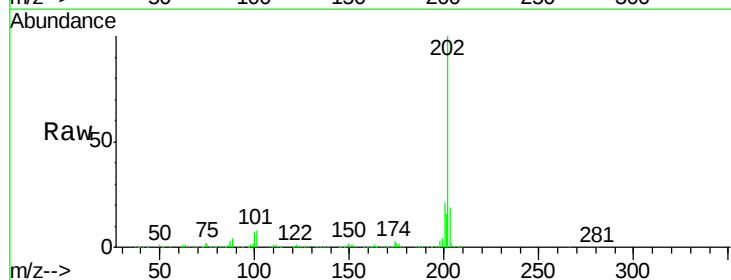
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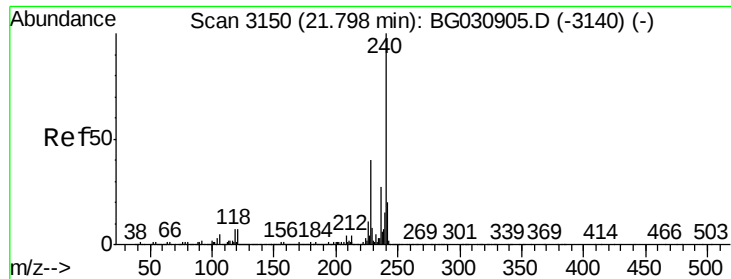
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#74
Fluoranthene
Concen: 44.748 ng
RT: 19.54 min Scan# 2766
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	28.9
203	18.7	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG031371.D

Acq: 6 Dec 2017 15:13

Instrument :

BNA_G

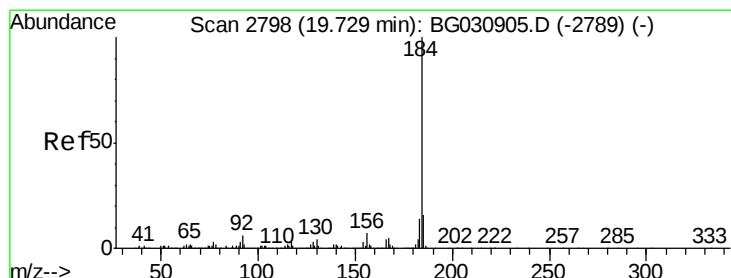
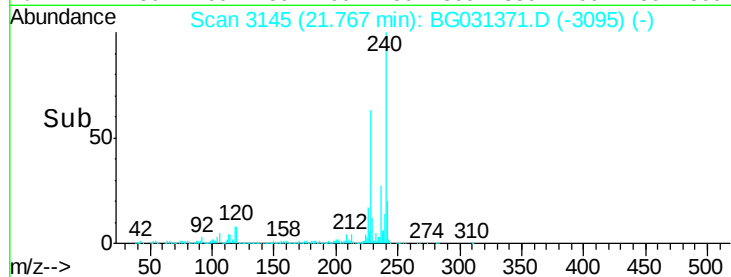
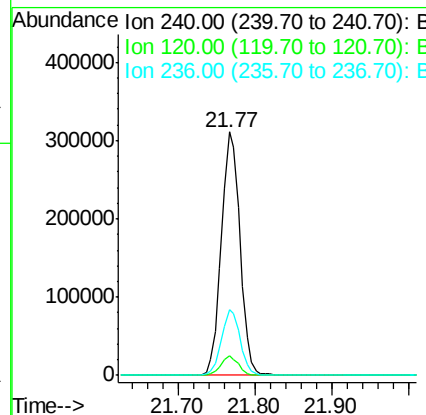
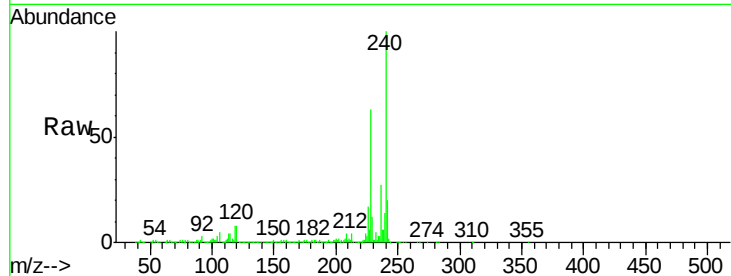
ClientSampleId :

PB104763BS

Tot Ion:	240	Resp:	518680
Ion Ratio	Lower	Upper	
240	100		
120	7.9	6.8	10.2
236	27.2	20.9	31.3

Manual Integrations
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#76

Benzidine

Concen: 25.999 ng

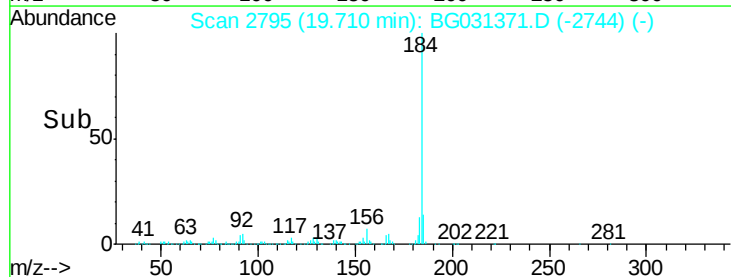
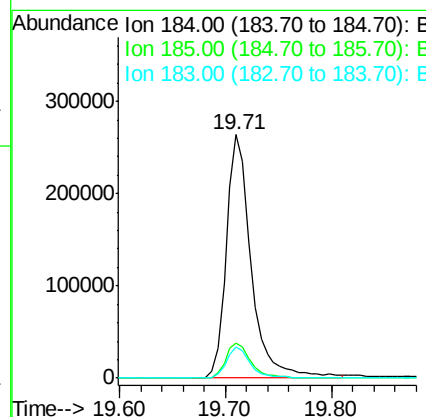
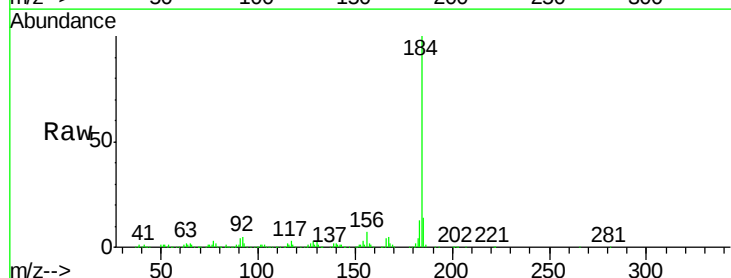
RT: 19.71 min Scan# 2795

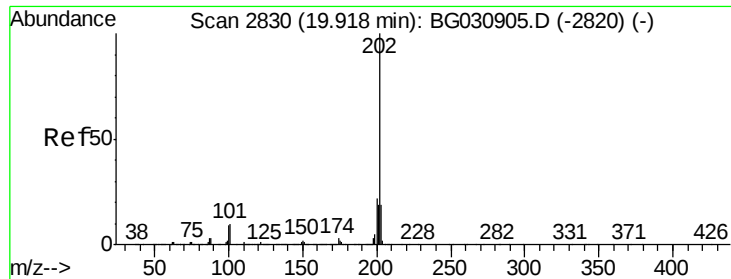
Delta R.T. 0.00 min

Lab File: BG031371.D

Acq: 6 Dec 2017 15:13

Tgt Ion:	184	Resp:	433175
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.1	16.7
183	13.0	10.6	16.0





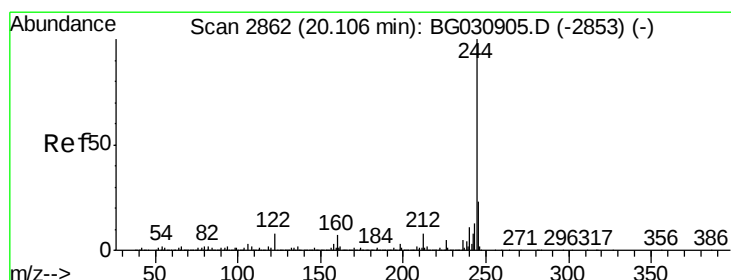
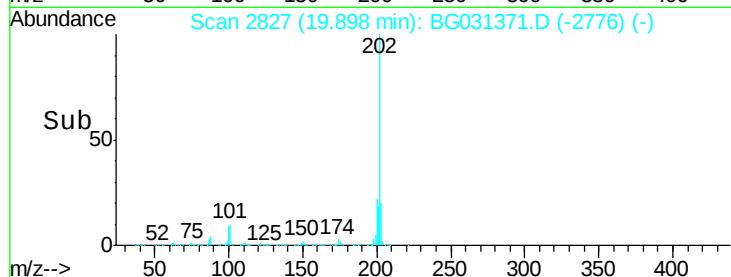
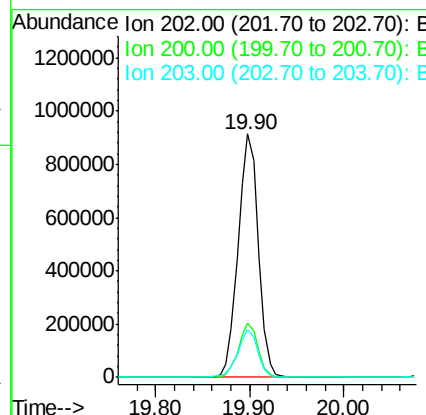
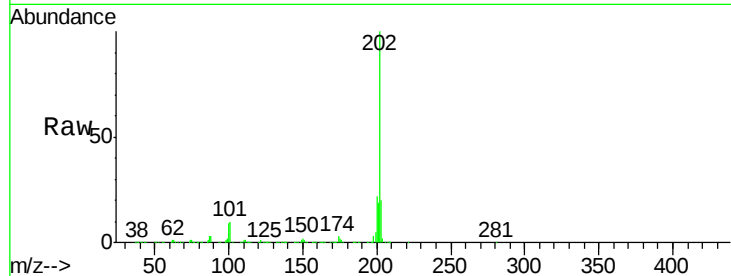
#77
Pvrene
Concen: 44.115 ng
RT: 19.90 min Scan# 2827
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Instrument :
BNA_G
ClientSampleId :
PB104763BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.9	25.3
203	19.5	13.9	20.9

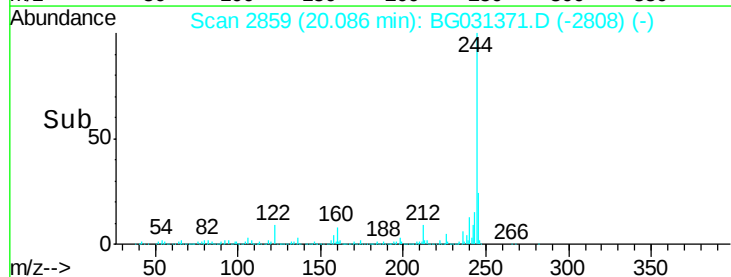
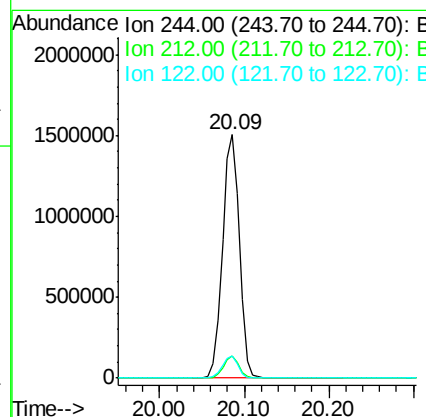
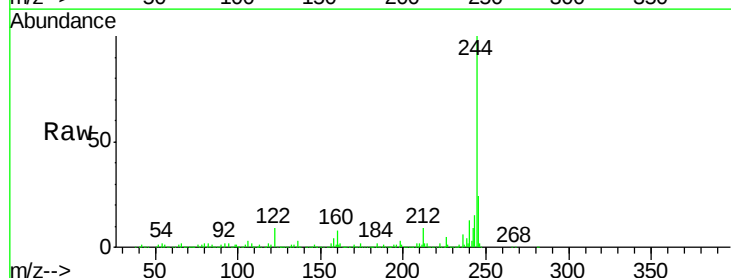
Manual Integrations
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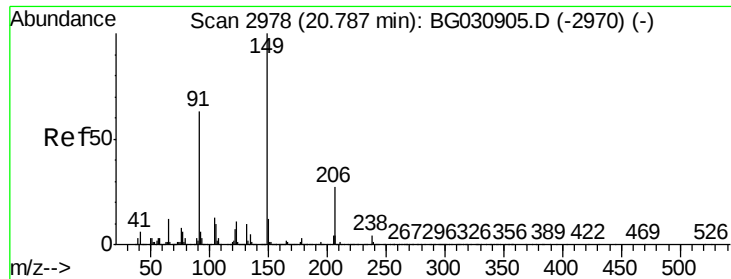
Sohil
12/7/2017 11:37:24 AM



#78
Terphenyl-d14
Concen: 89.713 ng
RT: 20.09 min Scan# 2859
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.8#
122	9.2	7.0	10.4





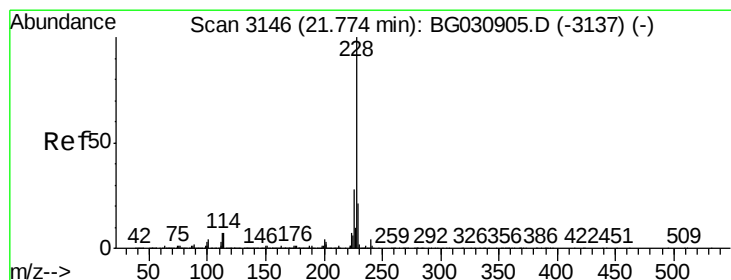
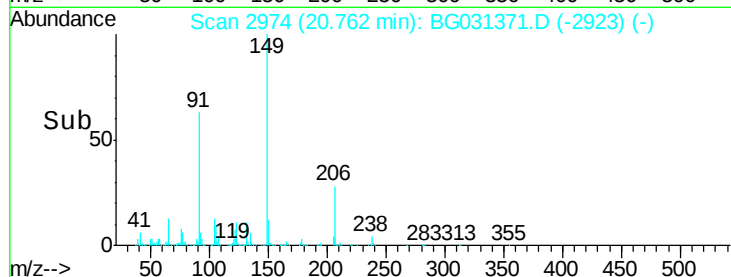
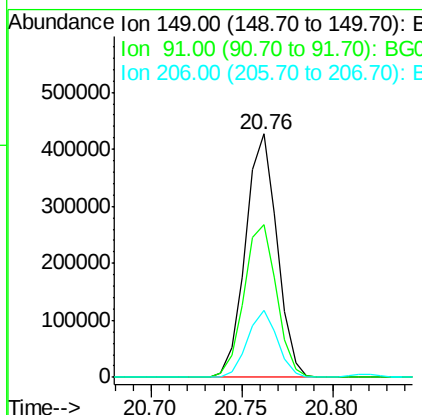
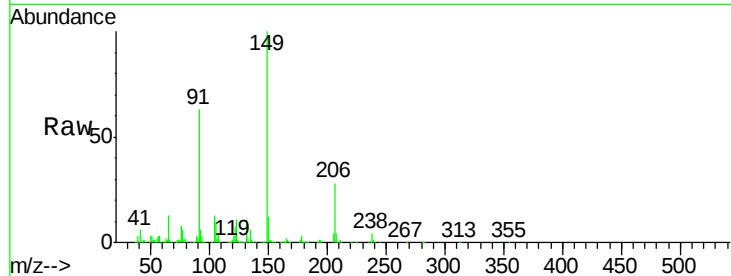
#79
Butylbenzylphthalate
Concen: 42.005 ng
RT: 20.76 min Scan# 2974
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Instrument :
BNA_G
ClientSampleId :
PB104763BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	62.6	62.2	93.2
206	27.7	18.6	27.8

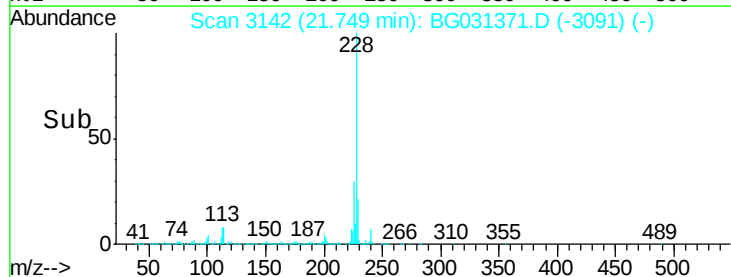
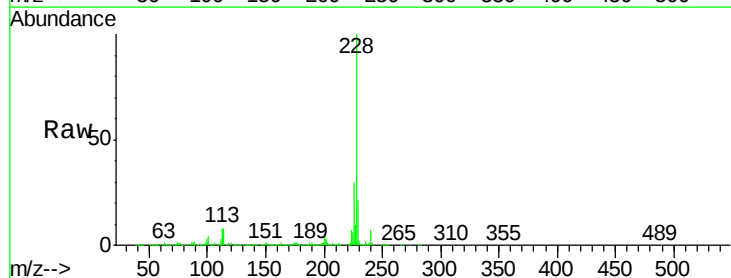
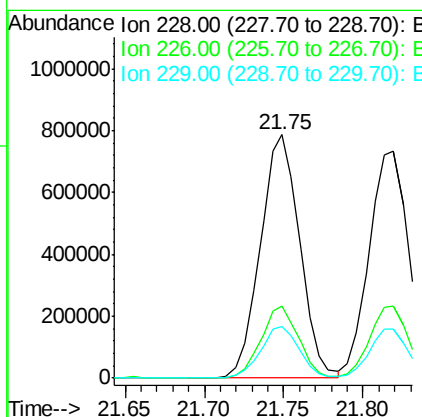
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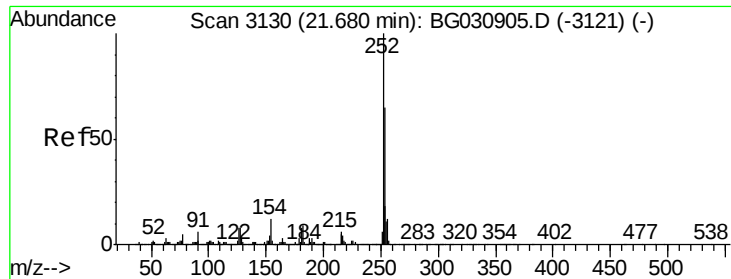
Sohil
12/7/2017 11:37:24 AM



#80
Benzo(a)anthracene
Concen: 42.127 ng
RT: 21.75 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.7	34.1
229	21.4	16.2	24.2





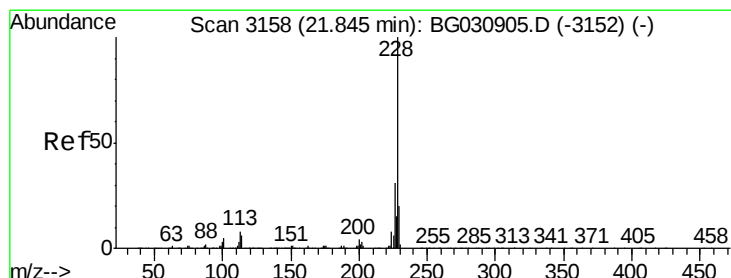
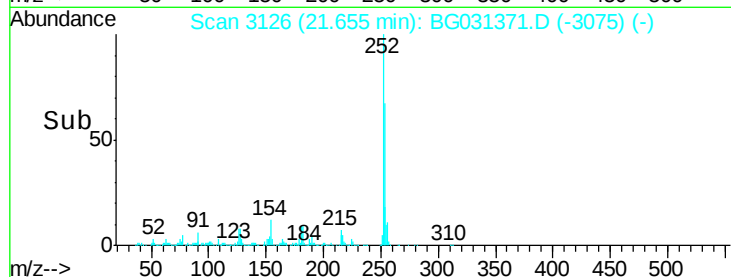
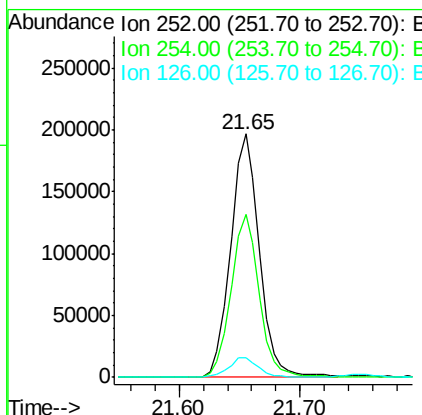
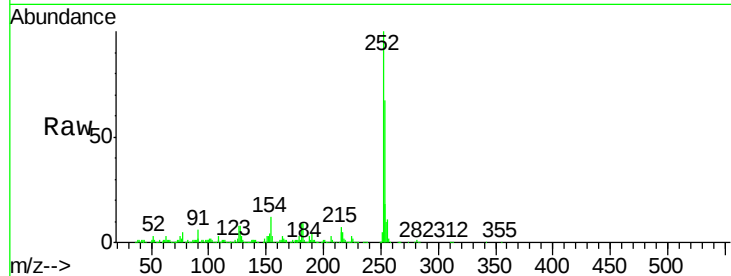
#81
 3,3'-Dichlorobenzidine
 Concen: 25.003 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. 0.00 min
 Lab File: BG031371.D
 Acq: 6 Dec 2017 15:13

Instrument :
 BNA_G
 ClientSampled :
 PB104763BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.1	50.8	76.2
126	7.8	7.4	11.2

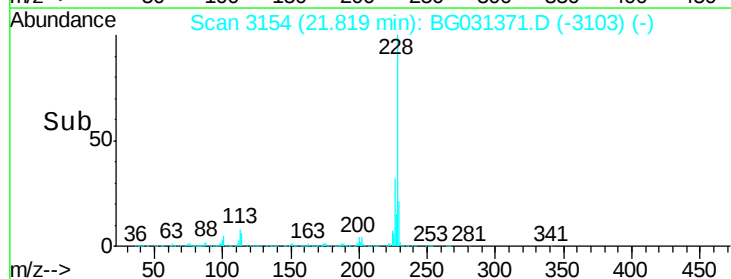
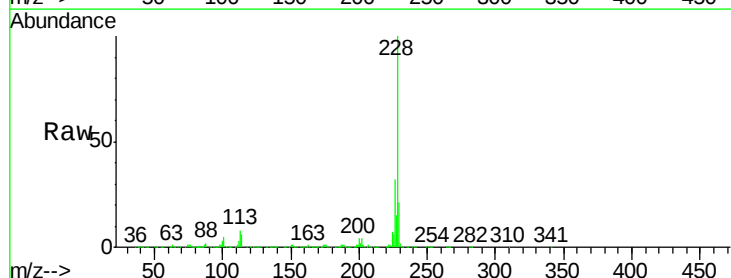
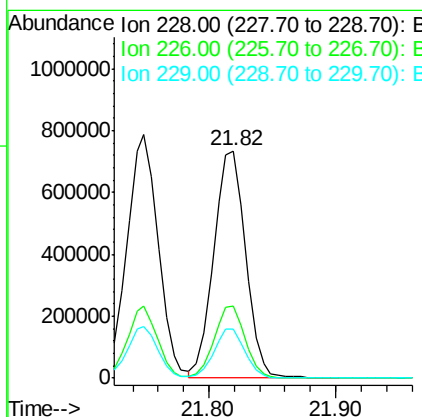
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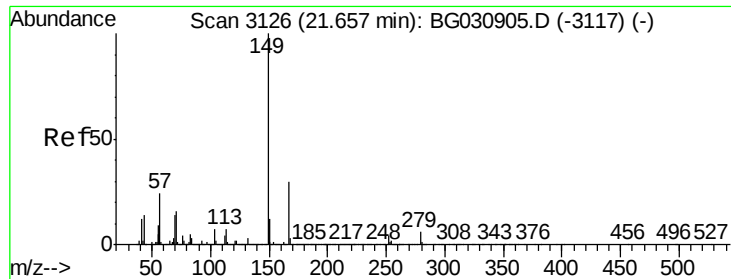
Sohil
 12/7/2017 11:37:24 AM



#82
 Chrysene
 Concen: 42.923 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: BG031371.D
 Acq: 6 Dec 2017 15:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	21.4	15.0	22.4





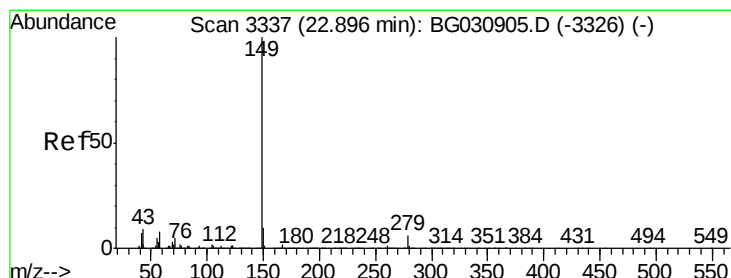
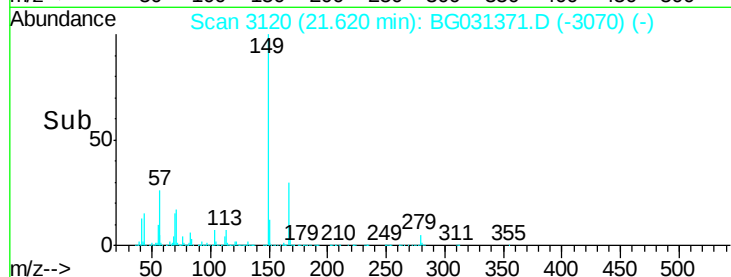
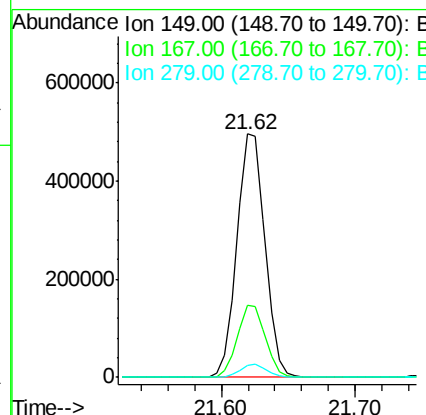
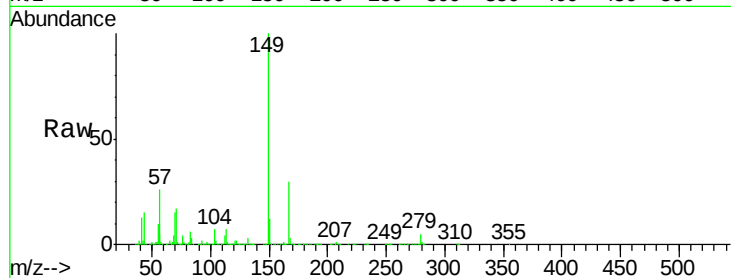
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.037 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.00 min
 Lab File: BG031371.D
 Acq: 6 Dec 2017 15:13

Instrument :
 BNA_G
 ClientSampleId :
 PB104763BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.6	24.3	36.5
279	4.9	4.0	6.0

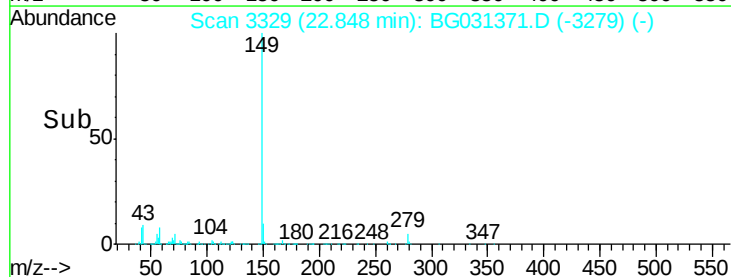
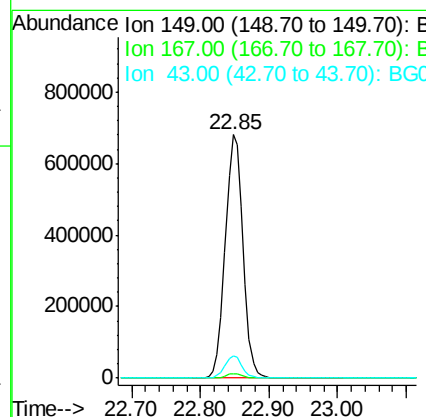
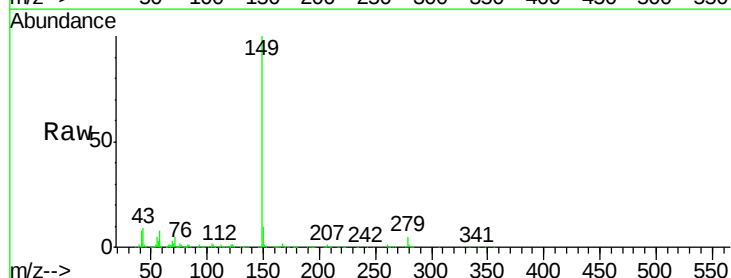
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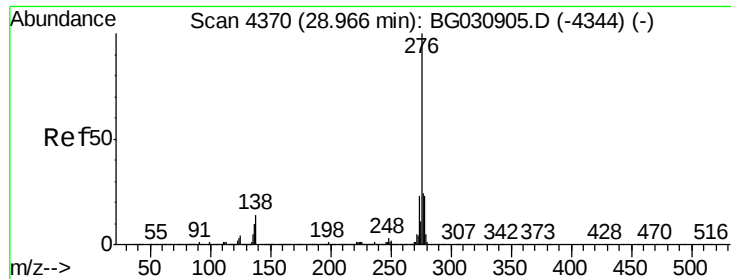
Sohil
 12/7/2017 11:37:24 AM



#84
 Di-n-octyl phthalate
 Concen: 42.163 ng
 RT: 22.85 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: BG031371.D
 Acq: 6 Dec 2017 15:13

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





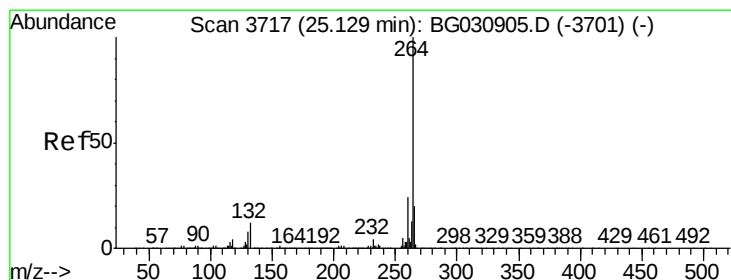
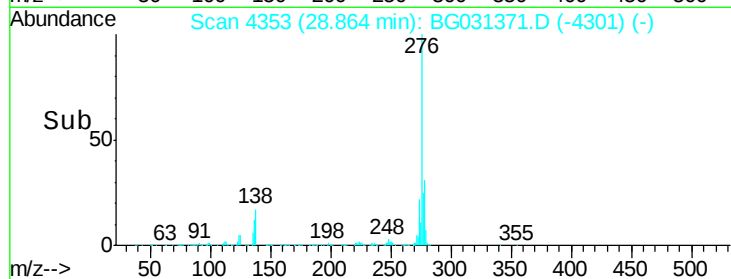
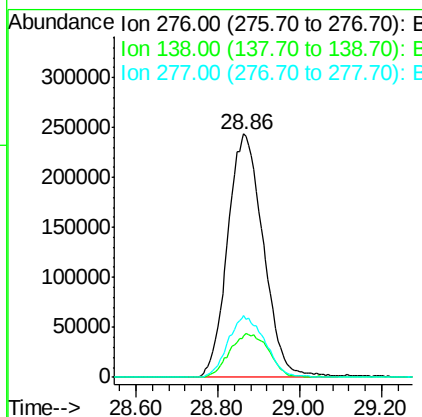
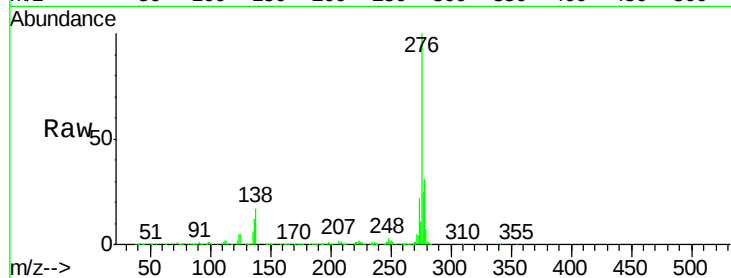
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.793 ng
 RT: 28.86 min Scan# 4353
 Delta R.T. 0.01 min
 Lab File: BG031371.D
 Acq: 6 Dec 2017 15:13

Instrument :
 BNA_G
 ClientSampleId :
 PB104763BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.6	16.0	24.0
277	26.0	20.0	30.0

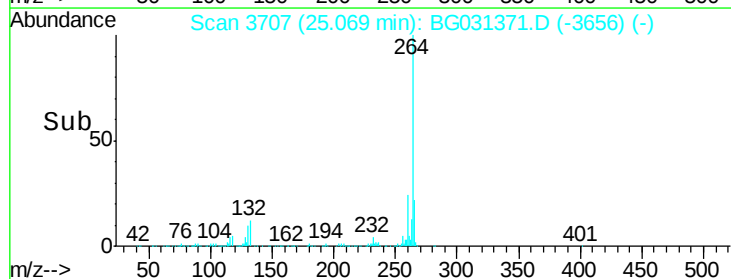
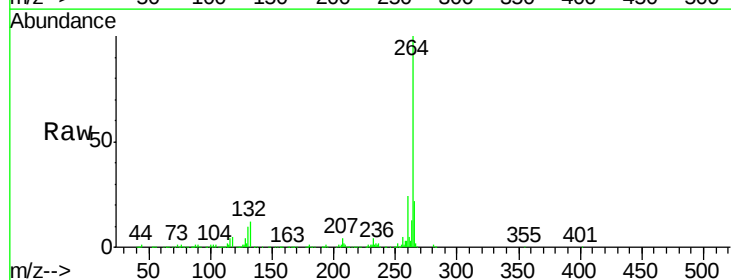
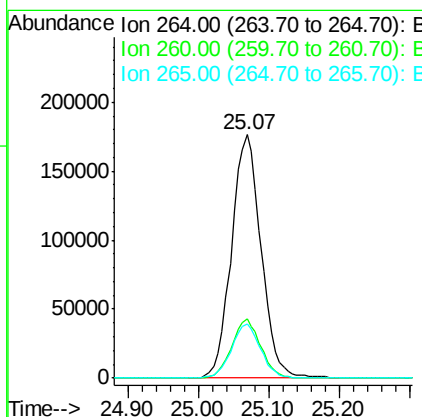
Manual Integrations
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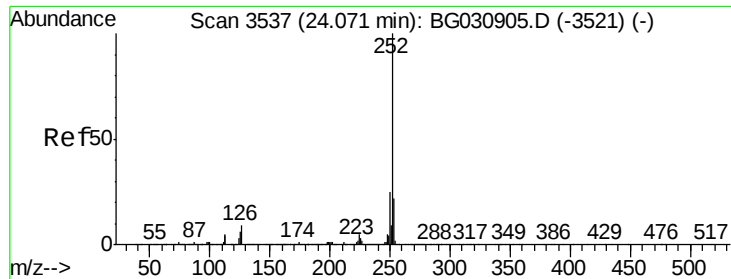
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3707
 Delta R.T. 0.00 min
 Lab File: BG031371.D
 Acq: 6 Dec 2017 15:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	22.3	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 42.912 ng

RT: 24.02 min Scan# 3528

Delta R.T. 0.00 min

Lab File: BG031371.D

Acq: 6 Dec 2017 15:13

Instrument :

BNA_G

ClientSampleId :

PB104763BS

Tot Ion:252 Resp: 1332716

Ion Ratio Lower Upper

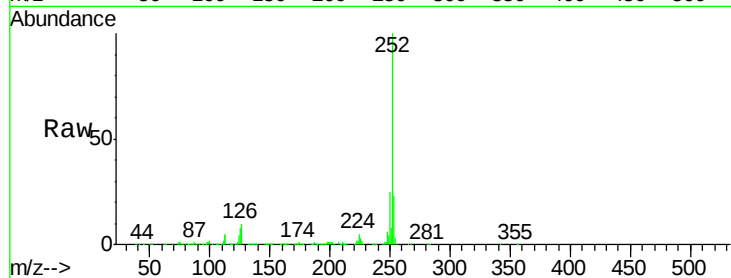
252 100

253 23.1 18.2 27.4

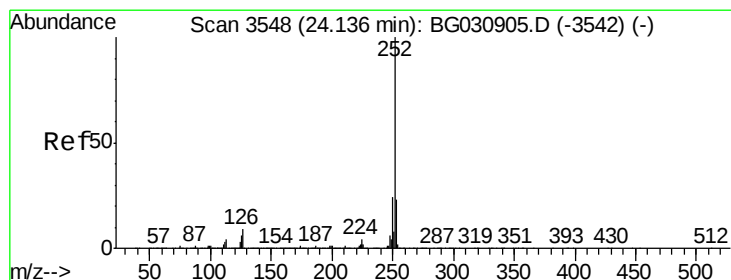
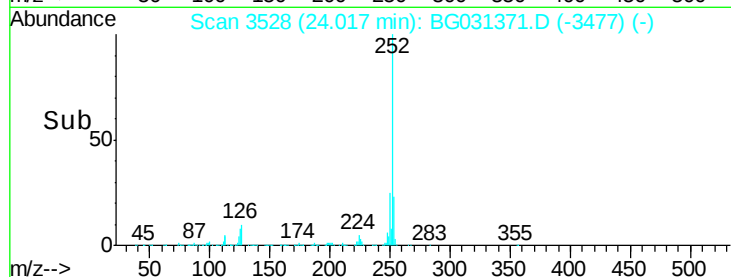
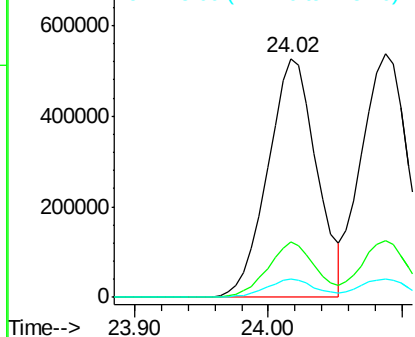
125 7.5 7.2 10.8

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



#88

Benzo(k)fluoranthene

Concen: 42.625 ng

RT: 24.09 min Scan# 3540

Delta R.T. 0.00 min

Lab File: BG031371.D

Acq: 6 Dec 2017 15:13

Tgt Ion:252 Resp: 1312154

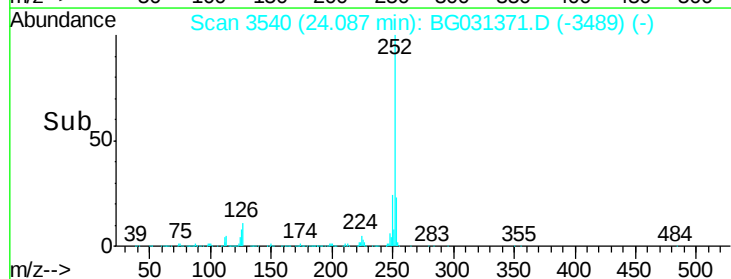
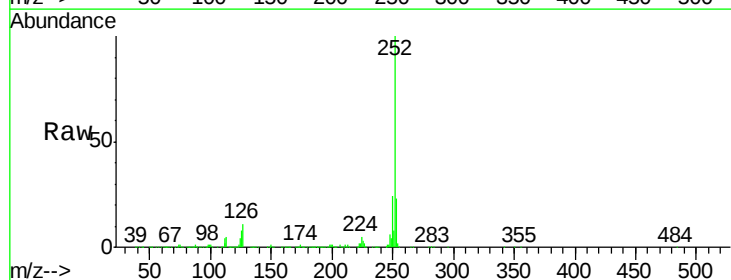
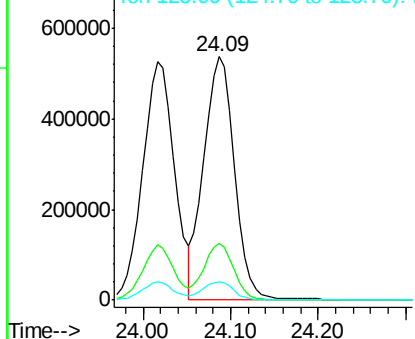
Ion Ratio Lower Upper

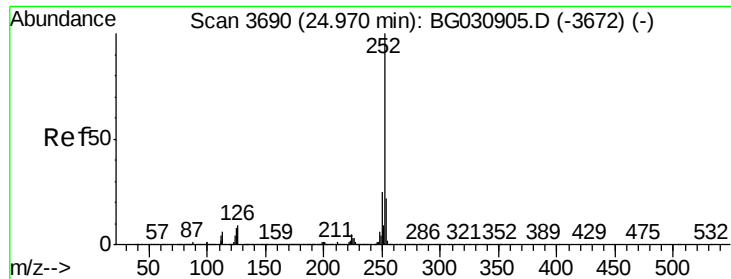
252 100

253 23.4 17.4 26.2

125 7.8 6.6 9.8

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





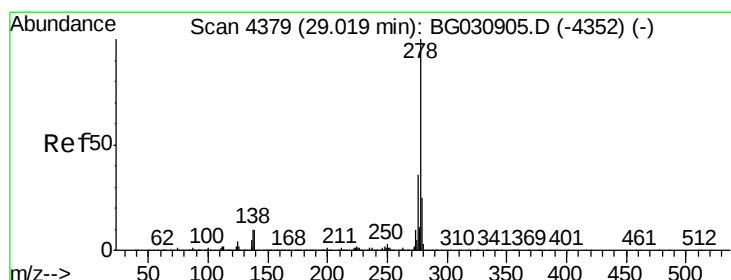
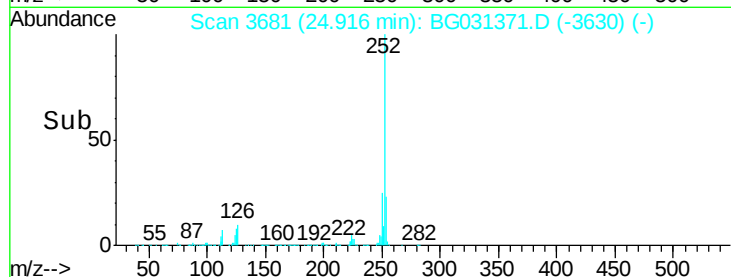
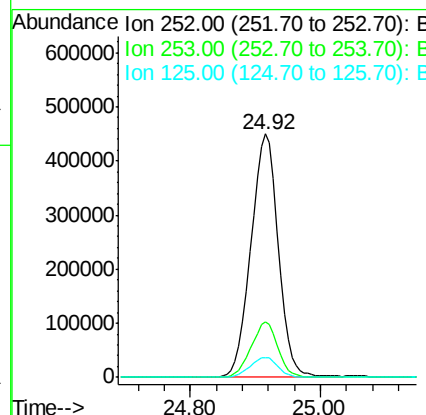
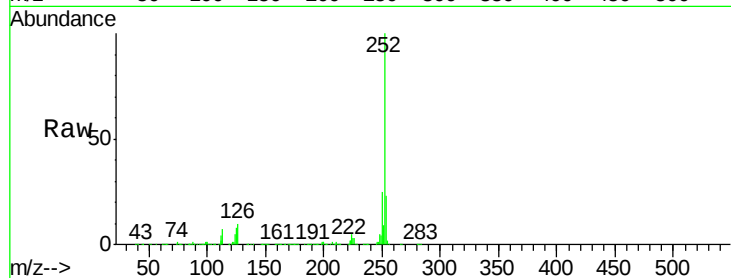
#89
Benzo(a)pyrene
Concen: 44.333 ng
RT: 24.92 min Scan# 3681
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Instrument :
BNA_G
ClientSampleId :
PB104763BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	8.1	7.3	10.9

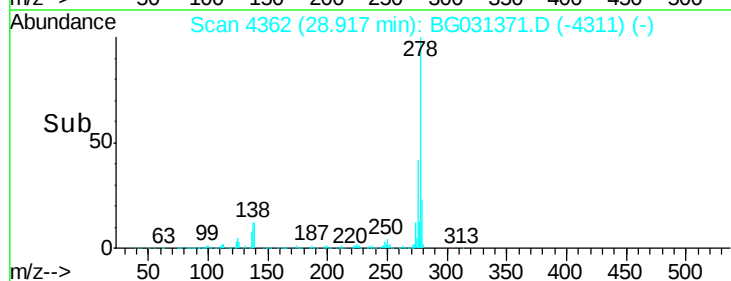
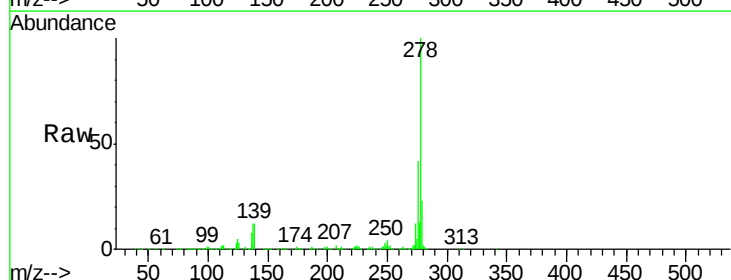
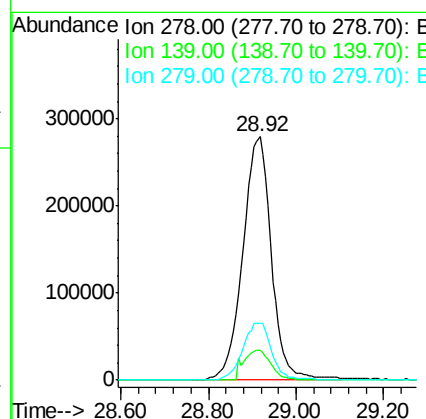
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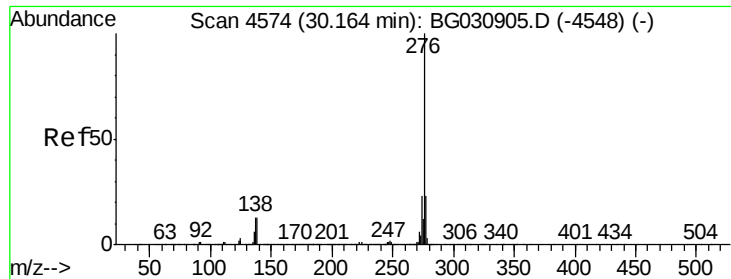
Sohil
12/7/2017 11:37:24 AM



#90
Dibenzo(a,h)anthracene
Concen: 40.648 ng
RT: 28.92 min Scan# 4362
Delta R.T. 0.00 min
Lab File: BG031371.D
Acq: 6 Dec 2017 15:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.3	9.8	14.6
279	23.2	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 42.017 ng
 RT: 30.06 min Scan# 4556
 Delta R.T. 0.01 min
 Lab File: BG031371.D
 Acq: 6 Dec 2017 15:13

Instrument :
 BNA_G
 ClientSampleId :
 PB104763BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.3	27.5
138	17.2	13.9	20.9

Manual Integrations
 APPROVED

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 12/7/2017 11:37:24 AM

