

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102317\
 Data File : BG029402.D
 Acq On : 23 Oct 2017 16:53
 Operator : SJ/JU
 Sample : PB103551BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103551BS

Manual Integrations
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Sohil
 10/24/2017 8:47:41 PM

Quant Time: Oct 24 06:37:09 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	56057	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	254145	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	172476	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	442564	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	500330	20.00	ng	-0.01
86) Perylene-d12	25.09	264	511874	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	331150	98.69	ng	0.00
7) Phenol-d6	7.32	99	440729	93.57	ng	0.00
23) Nitrobenzene-d5	9.33	82	247141	61.80	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	227741	102.27	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	699179	59.45	ng	0.00
78) Terphenyl-d14	20.11	244	1248300	56.76	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	38599	28.351	ng	84
3) Pyridine	3.98	79	102799	25.928	ng	94
4) n-Nitrosodimethylamine	3.89	42	52804	28.492	ng	# 91
6) Aniline	7.48	93	110016	18.863	ng	92
8) 2-Chlorophenol	7.73	128	111821	29.072	ng	92
9) Benzaldehyde	7.29	77	69382	29.286	ng	91
10) Phenol	7.34	94	152179	29.969	ng	92
11) bis(2-Chloroethyl)ether	7.58	93	104560	28.262	ng	90
12) 1,3-Dichlorobenzene	8.05	146	118650	27.476	ng	95
13) 1,4-Dichlorobenzene	8.20	146	119417	27.086	ng	96
14) 1,2-Dichlorobenzene	8.52	146	114591	26.947	ng	97
15) Benzyl Alcohol	8.40	79	102546	30.894	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.69	45	172801	27.503	ng	94
17) 2-Methylphenol	8.60	107	102204	30.299	ng	96
18) Hexachloroethane	9.26	117	40693	27.084	ng	97
19) n-Nitroso-di-n-propylamine	8.96	70	87350	27.275	ng	# 96
20) 3+4-Methylphenols	8.93	107	140420	29.544	ng	95
22) Acetophenone	8.99	105	162928	26.602	ng	# 92
24) Nitrobenzene	9.37	77	124586	27.706	ng	93
25) Isophorone	9.89	82	240749	28.836	ng	# 94
26) 2-Nitrophenol	10.09	139	62313	28.994	ng	91
27) 2,4-Dimethylphenol	10.14	122	116289	29.907	ng	93
28) bis(2-Chloroethoxy)methane	10.37	93	147942	28.898	ng	97
29) 2,4-Dichlorophenol	10.63	162	126895	30.603	ng	91
30) 1,2,4-Trichlorobenzene	10.84	180	126874	28.322	ng	97
31) Naphthalene	11.03	128	348110	27.484	ng	99
32) Benzoic acid	10.24	122	81482m	25.027	ng	
33) 4-Chloroaniline	11.13	127	94147	17.670	ng	95
34) Hexachlorobutadiene	11.31	225	78654	28.240	ng	96
35) Caprolactam	11.89	113	48611	35.275	ng	# 80
36) 4-Chloro-3-methylphenol	12.24	107	135568	29.726	ng	90
37) 2-Methylnaphthalene	12.62	142	274458	29.731	ng	91
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	152224	24.174	ng	98
40) Hexachlorocyclopentadiene	12.97	237	190107	79.711	ng	89

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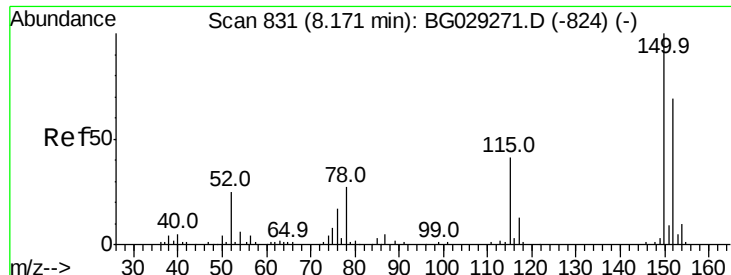
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	113068	28.603	nq	98
43) 2,4,5-Trichlorophenol	13.29	196	126782	31.229	nq	95
45) 1,1'-Biphenyl	13.62	154	373942	25.224	nq	99
46) 2-Chloronaphthalene	13.66	162	290917	26.903	nq	98
47) 2-Nitroaniline	13.86	65	90279	30.395	nq	# 87
48) Acenaphthylene	14.50	152	469405	27.737	nq	98
49) Dimethylphthalate	14.23	163	406961	30.241	nq	99
50) 2,6-Dinitrotoluene	14.35	165	87916	31.165	nq	# 80
51) Acenaphthene	14.84	154	309410	28.100	nq	98
52) 3-Nitroaniline	14.68	138	65638	21.563	nq	# 79
53) 2,4-Dinitrophenol	14.89	184	44051	32.638	nq	# 49
54) Dibenzofuran	15.18	168	477757	30.393	nq	99
55) 4-Nitrophenol	14.98	139	147467	58.761	nq	# 82
56) 2,4-Dinitrotoluene	15.13	165	129697	33.963	nq	# 76
57) Fluorene	15.83	166	382468	29.453	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.40	232	123414	36.437	nq	95
59) Diethylphthalate	15.58	149	410751	30.627	nq	98
60) 4-Chlorophenyl-phenylether	15.81	204	209567	30.269	nq	96
61) 4-Nitroaniline	15.84	138	97302	31.129	nq	86
62) Azobenzene	16.10	77	355079	31.397	nq	97
64) 4,6-Dinitro-2-methylphenol	15.90	198	54599	24.435	nq	84
65) n-Nitrosodiphenylamine	16.03	169	354968	26.775	nq	98
66) 4-Bromophenyl-phenylether	16.71	248	140214	27.610	nq	98
67) Hexachlorobenzene	16.82	284	151404	26.320	nq	97
68) Atrazine	16.97	200	144993	30.651	nq	98
69) Pentachlorophenol	17.17	266	171519	51.905	nq	99
70) Phenanthrene	17.56	178	659668	28.853	nq	99
71) Anthracene	17.65	178	682196	29.716	nq	100
72) Carbazole	17.92	167	632044	28.660	nq	99
73) Di-n-butylphthalate	18.46	149	731770	28.851	nq	99
74) Fluoranthene	19.56	202	841137	31.455	nq	98
76) Benzidine	19.73	184	326796	21.632	nq	99
77) Pyrene	19.92	202	868867	28.627	nq	99
79) Butylbenzylphthalate	20.79	149	349167	27.003	nq	88
80) Benzo(a)anthracene	21.77	228	865569	29.466	nq	99
81) 3,3'-Dichlorobenzidine	21.68	252	220281	18.168	nq	98
82) Chrysene	21.84	228	808909	28.754	nq	98
83) Bis(2-ethylhexyl)phthalate	21.66	149	492044	26.515	nq	96
84) Di-n-octyl phthalate	22.90	149	840275	25.980	nq	97
85) Indeno(1,2,3-cd)pyrene	28.87	276	984746	28.453	nq	# 94
87) Benzo(b)fluoranthene	24.04	252	851164	29.045	nq	100
88) Benzo(k)fluoranthene	24.11	252	843341	28.886	nq	100
89) Benzo(a)pyrene	24.93	252	827262	29.364	nq	97
90) Dibenzo(a,h)anthracene	28.94	278	830967	29.134	nq	98
91) Benzo(g,h,i)perylene	30.06	276	820777	30.972	nq	99

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



#1

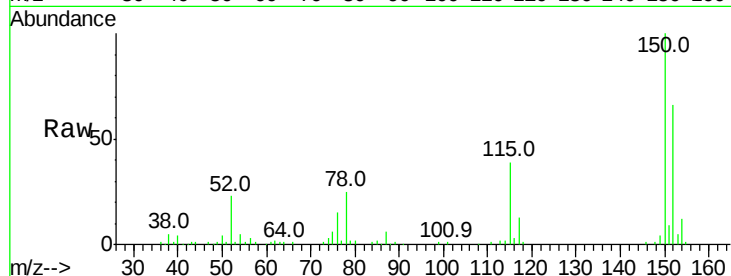
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Instrument :
BNA_G
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PB103551BS

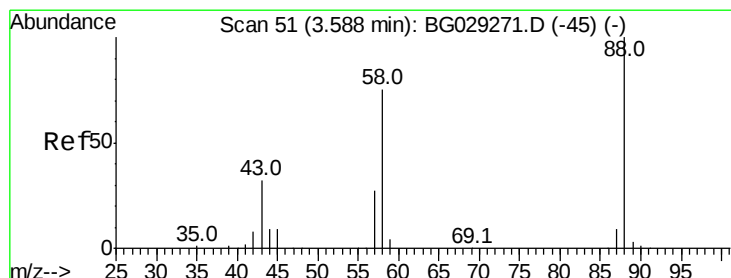
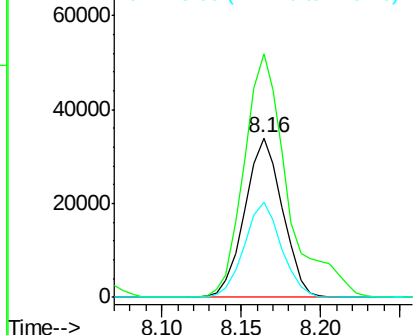
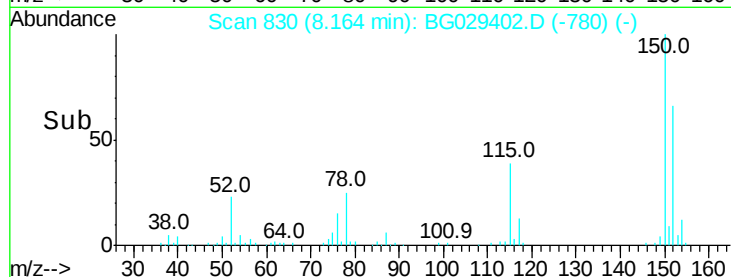
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	126.6	189.8
115	59.3	53.0	79.4

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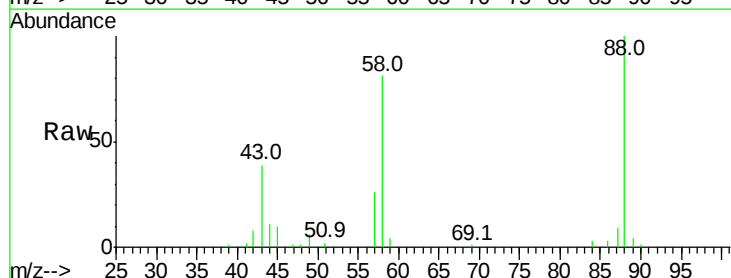
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



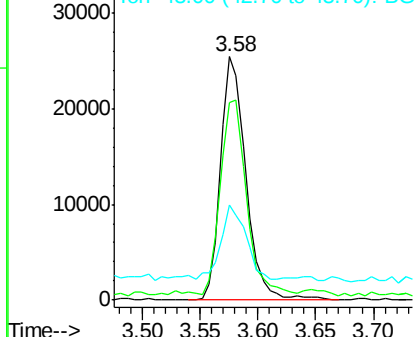
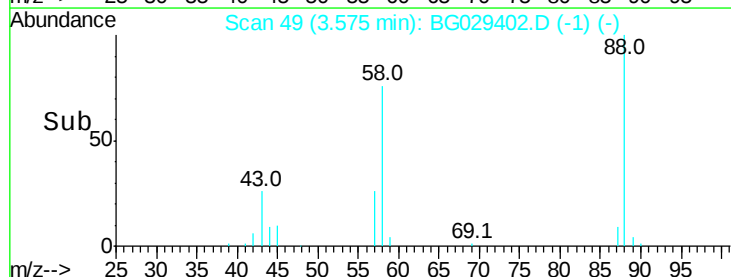
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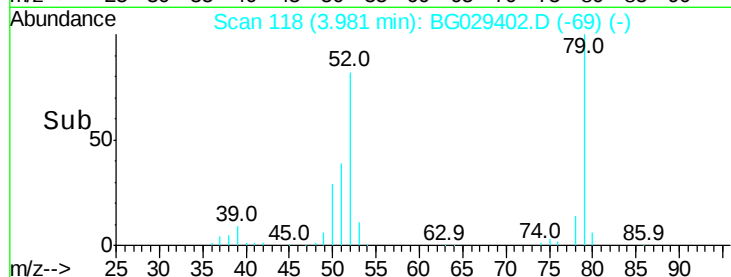
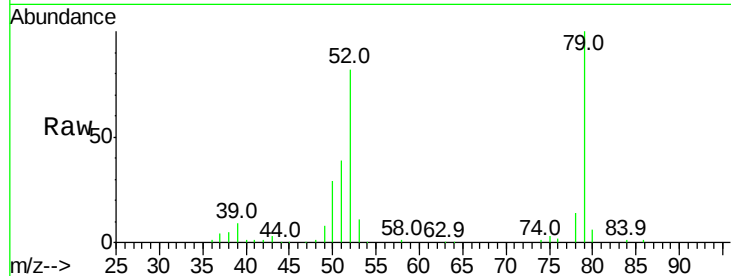
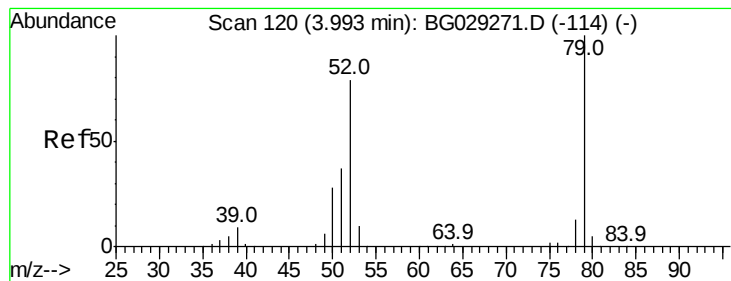
1,4-Dioxane
Concen: 28.351 ng
RT: 3.58 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.5	79.6	119.4
43	29.6	27.4	41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 25.928 ng

RT: 3.98 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Tot Ion:	79	Resp:	102799
Ion Ratio	Lower	Upper	
79	100		
52	81.7	69.9	104.9
51	39.3	34.0	51.0

Instrument :

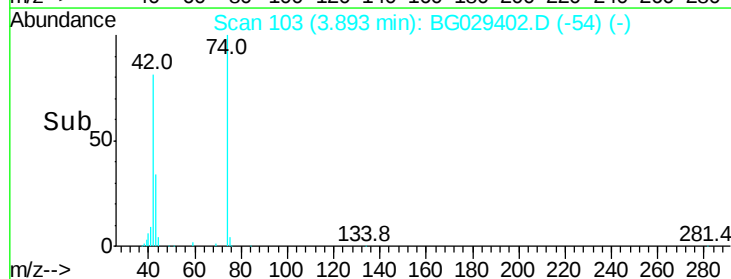
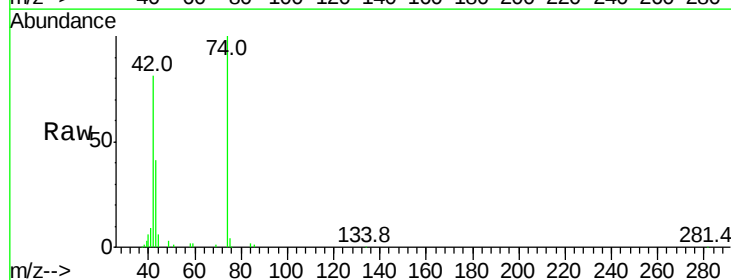
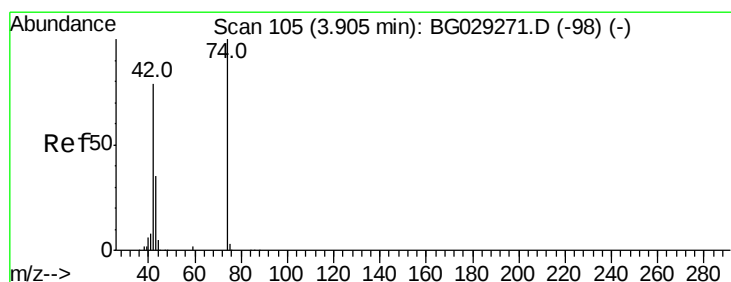
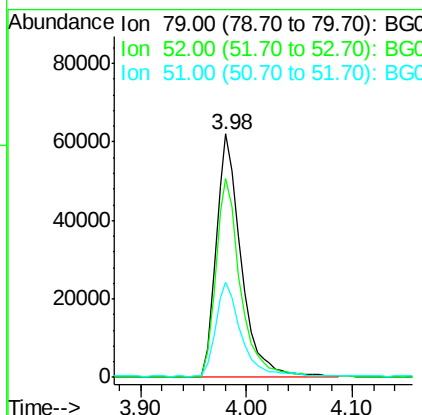
BNA_G

ClientSampleId :

PB103551BS

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#4

n-Nitrosodimethylamine

Concen: 28.492 ng

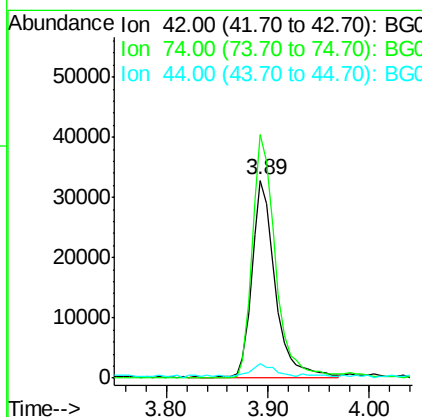
RT: 3.89 min Scan# 103

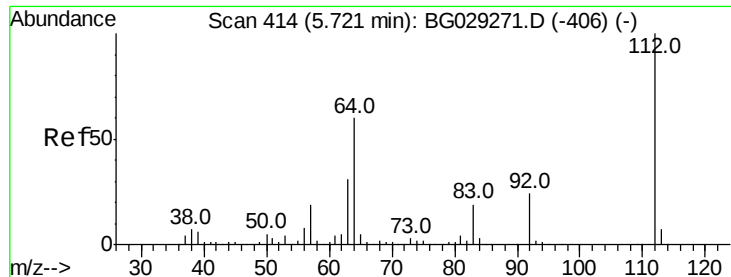
Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Tgt Ion:	42	Resp:	52804
Ion Ratio	Lower	Upper	
42	100		
74	122.9	102.5	153.7
44	7.2	18.9	28.3#





#5

2-Fluorophenol

Concen: 98.686 ng

RT: 5.71 min Scan# 413

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

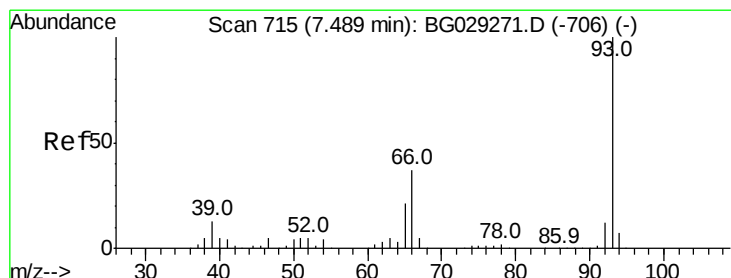
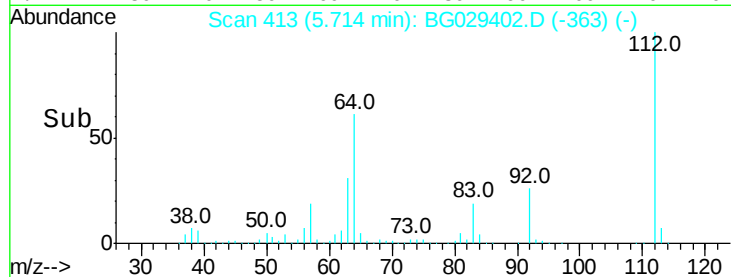
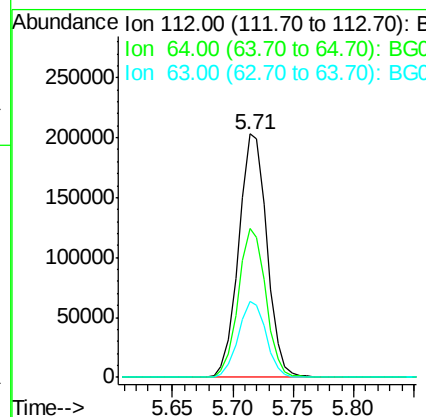
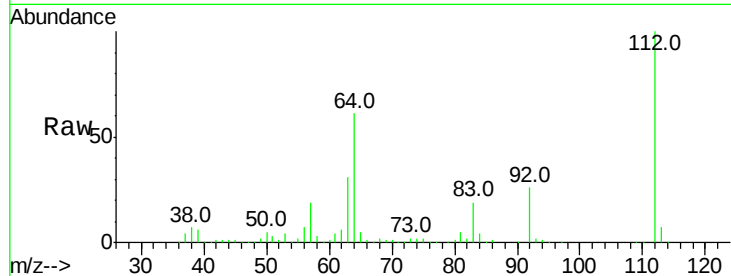
ClientSampled :

PB103551BS

Tot Ion:	112	Resp:	331150
Ion Ratio	Lower	Upper	
112	100		
64	61.2	56.3	84.5
63	31.2	30.1	45.1

Manual Integrations
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#6

Aniline

Concen: 18.863 ng

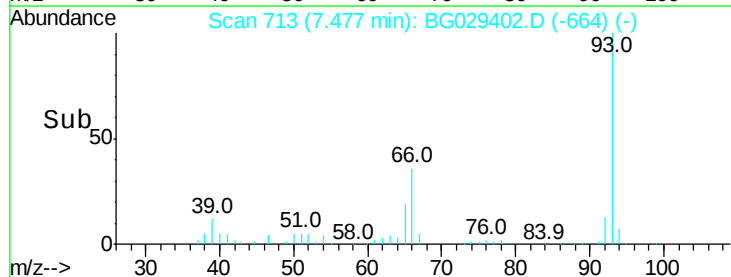
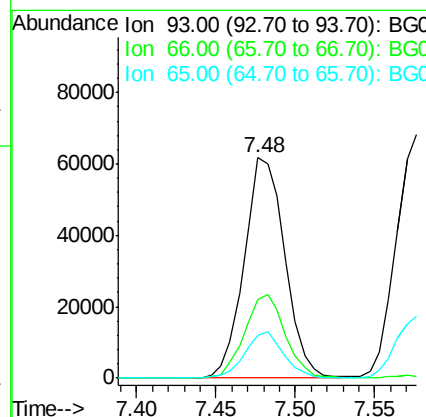
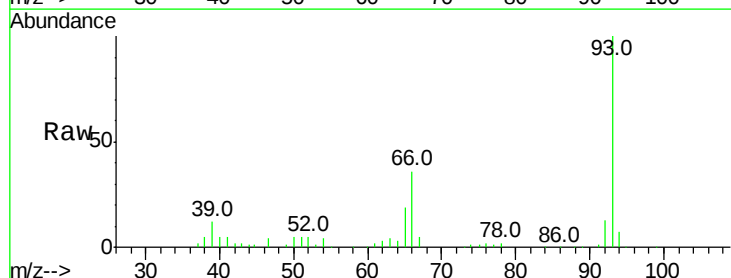
RT: 7.48 min Scan# 713

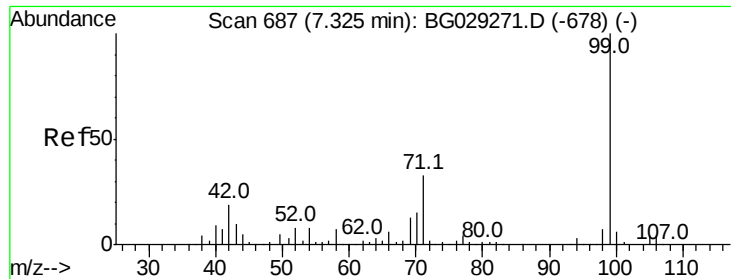
Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Tgt Ion:	93	Resp:	110016
Ion Ratio	Lower	Upper	
93	100		
66	35.7	33.7	50.5
65	19.1	16.1	24.1





#7

Phenol-d6

Concen: 93.571 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

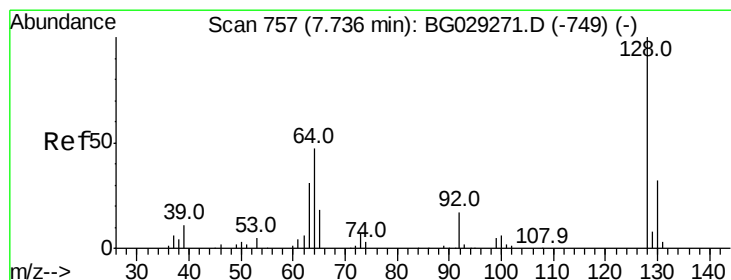
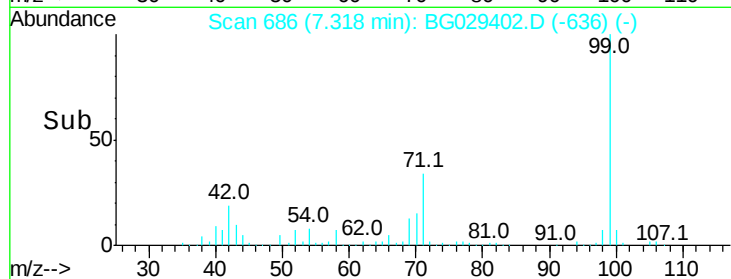
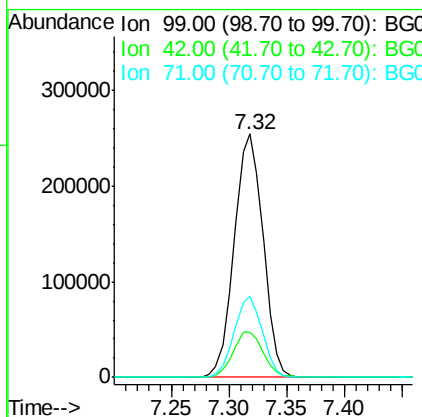
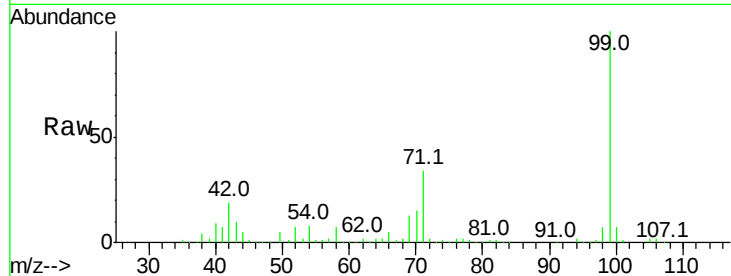
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		440729		
42	18.8	14.1	21.1		
71	33.5	26.1	39.1		

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#8

2-Chlorophenol

Concen: 29.072 ng

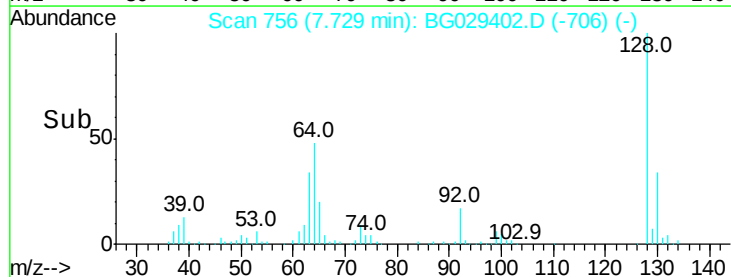
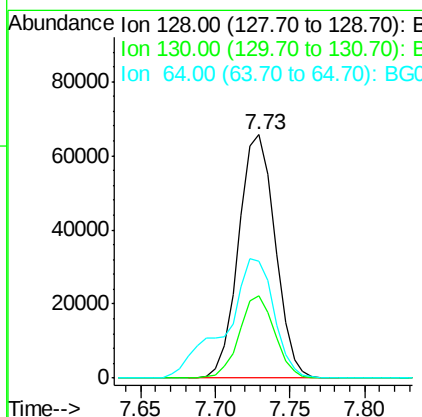
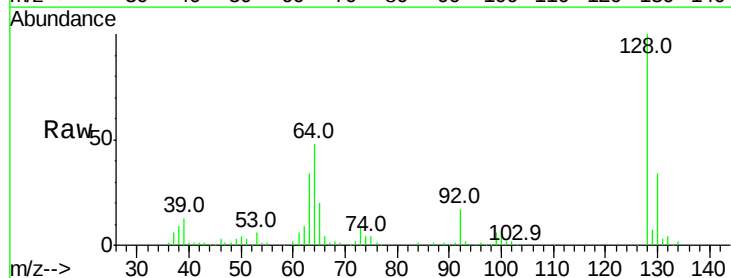
RT: 7.73 min Scan# 756

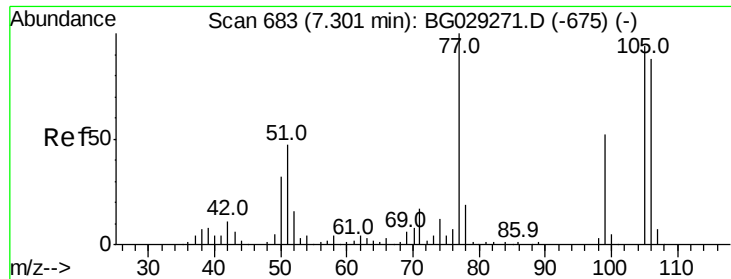
Delta R.T. -0.01 min

Lab File: BG029402.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		111821		
130	33.6	14.0	54.0		
64	48.3	37.7	77.7		





#9

Benzaldehyde

Concen: 29.286 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

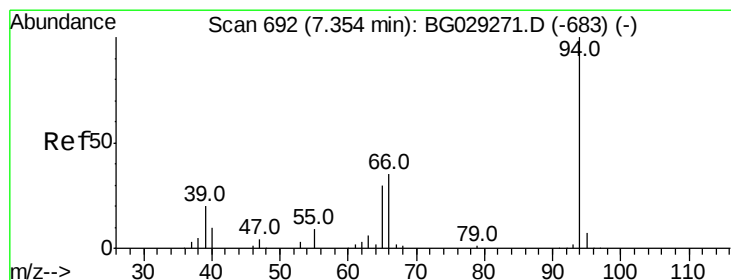
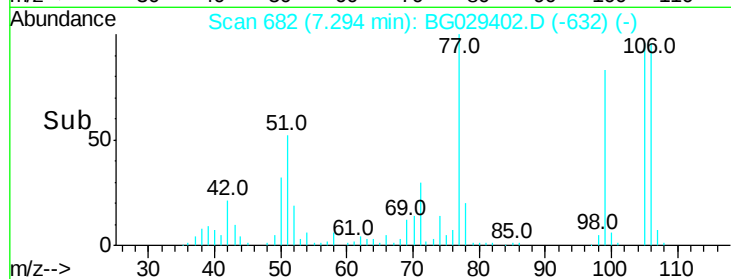
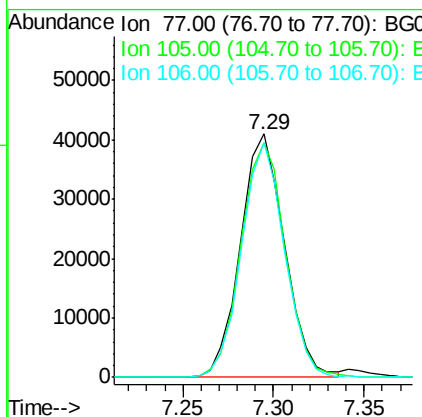
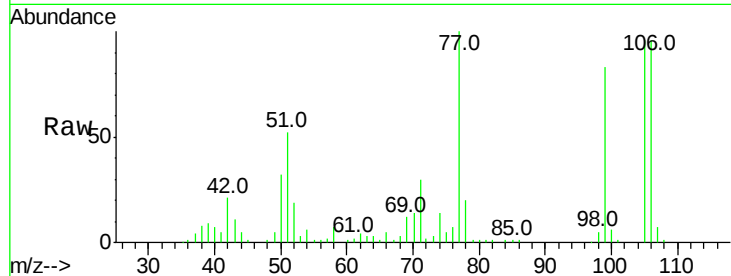
ClientSampled :

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Tot Ion:	77	Resp:	69382
Ion	Ratio	Lower	Upper
77	100		
105	96.5	71.3	111.3
106	96.2	64.2	104.2

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#10

Phenol

Concen: 29.969 ng

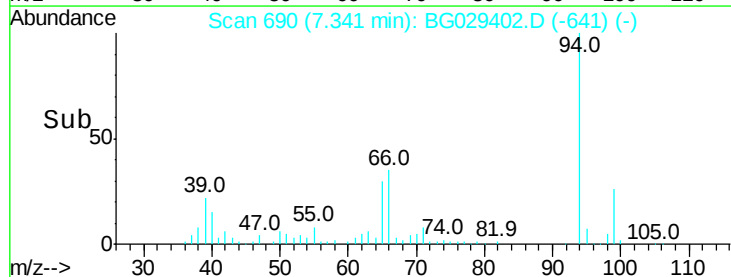
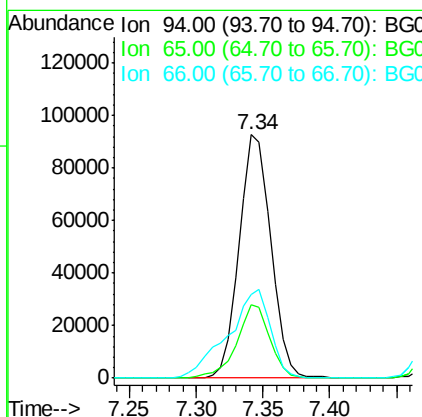
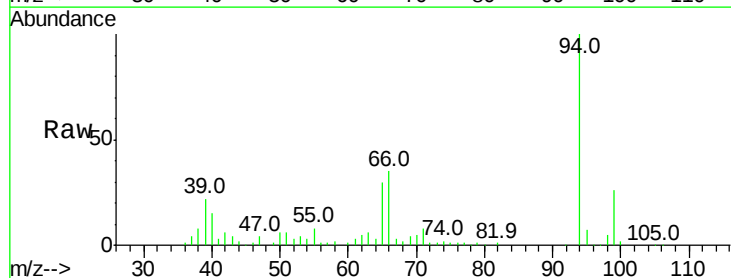
RT: 7.34 min Scan# 690

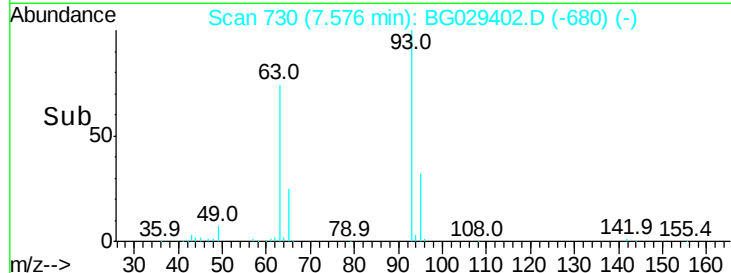
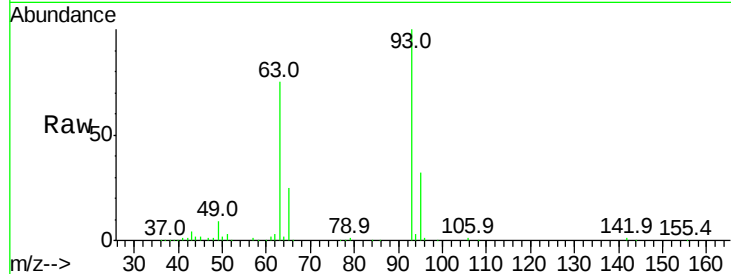
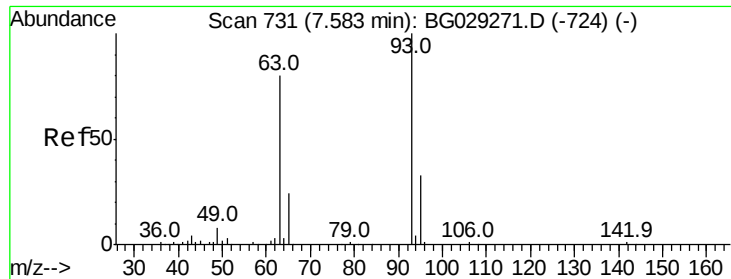
Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Tgt Ion:	94	Resp:	152179
Ion	Ratio	Lower	Upper
94	100		
65	30.0	11.9	51.9
66	34.5	22.2	62.2





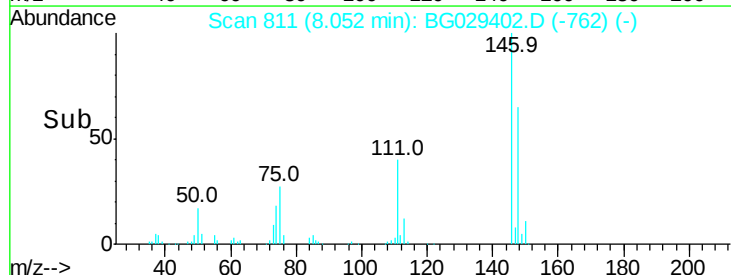
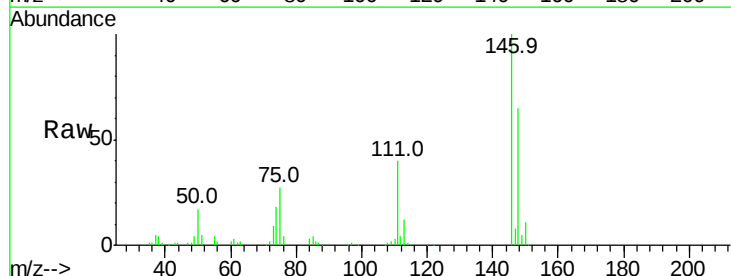
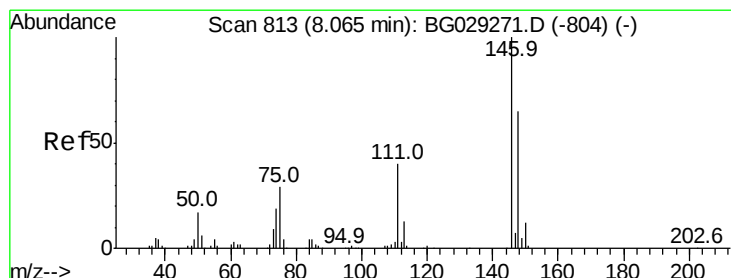
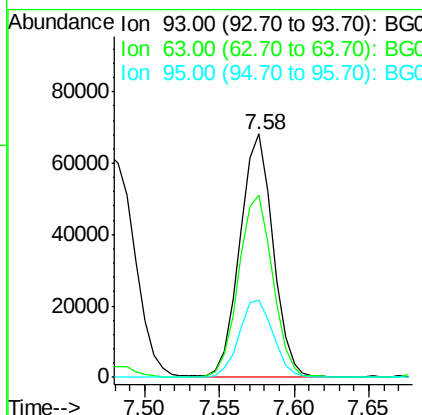
#11
bis(2-Chloroethyl)ether
Concen: 28.262 ng
RT: 7.58 min Scan# 730
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	75.0	67.1	107.1	
95	31.6	11.5	51.5	

Instrument :
BNA_G
ClientSampleId :
PB103551BS

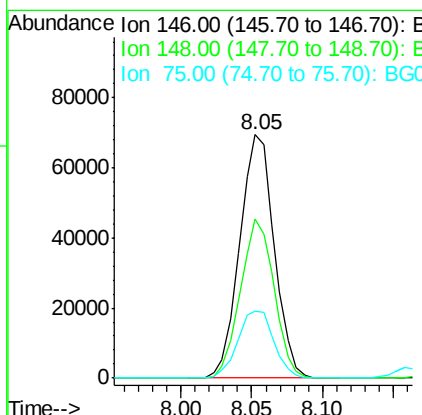
Manual Integrations
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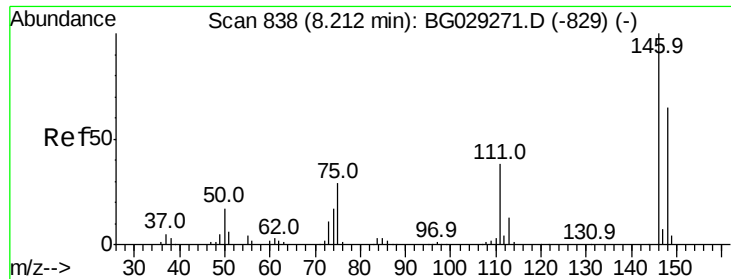
Sohil
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#12
1,3-Dichlorobenzene
Concen: 27.476 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.5	51.4	77.2	
75	27.3	26.6	39.8	





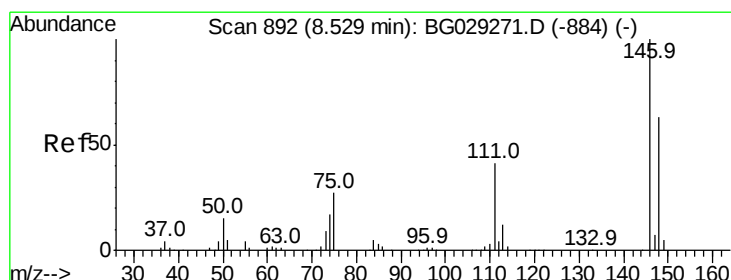
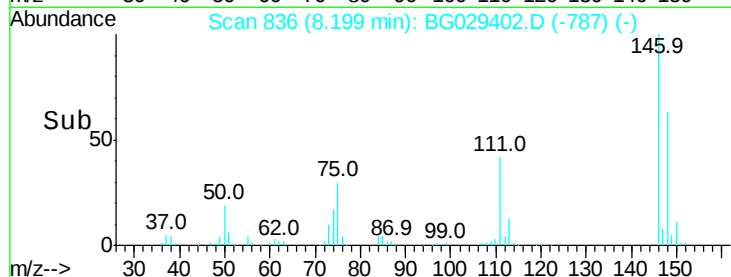
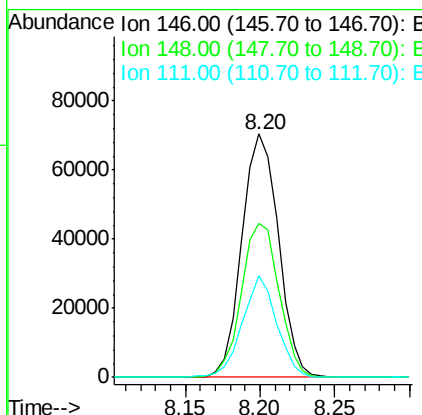
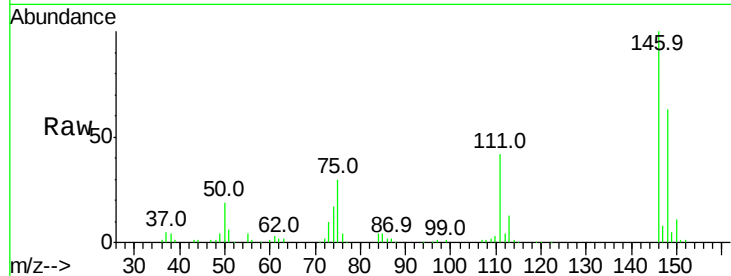
#13
 1,4-Dichlorobenzene
 Concen: 27.086 ng
 RT: 8.20 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB103551BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	53.7	80.5
111	41.9	35.2	52.8

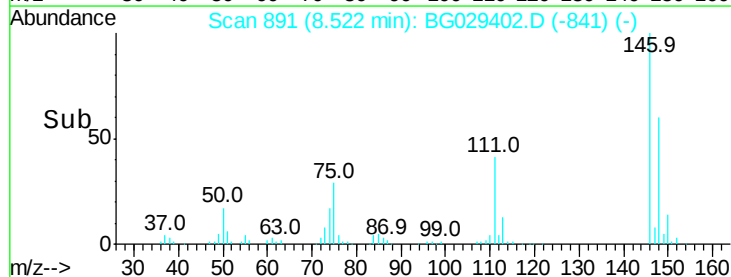
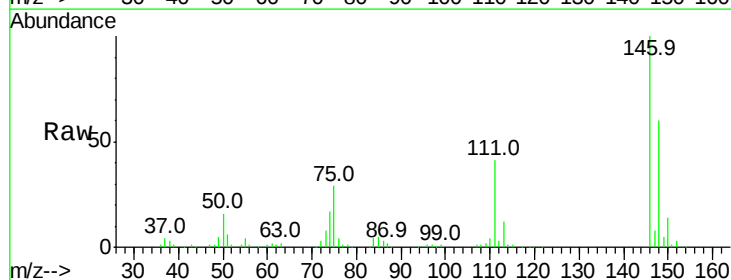
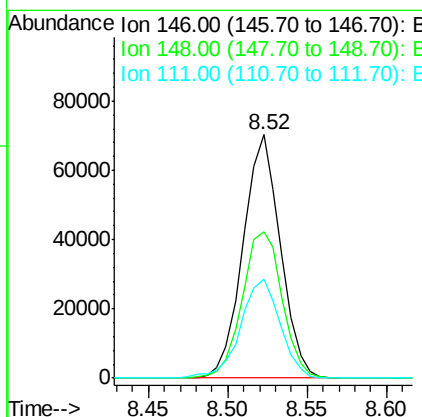
Manual Integrations
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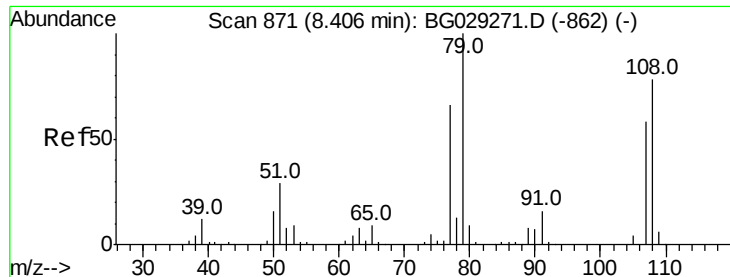
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#14
 1,2-Dichlorobenzene
 Concen: 26.947 ng
 RT: 8.52 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.9	49.3	73.9
111	40.7	34.3	51.5





#15

Benzyl Alcohol

Concen: 30.894 ng

RT: 8.40 min Scan# 870

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

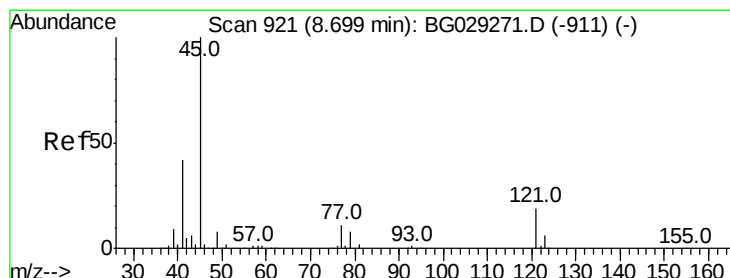
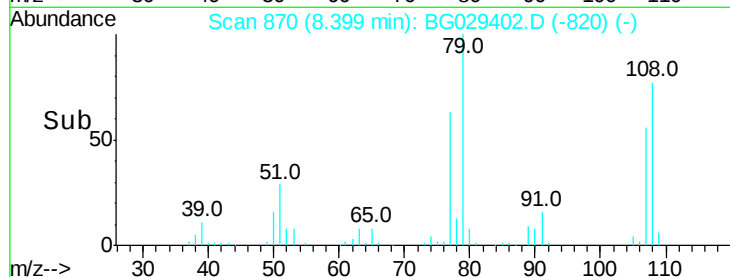
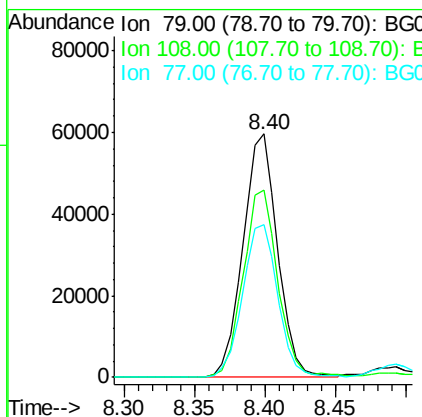
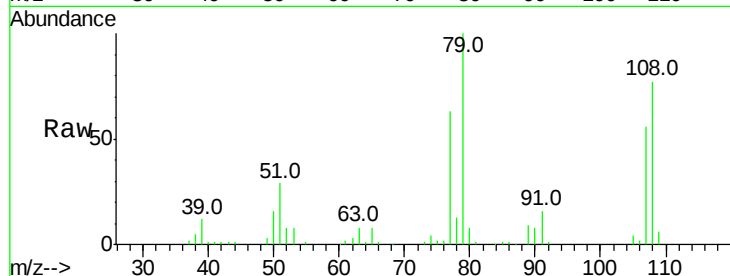
ClientSampleId :

PB103551BS

Tot Ion:	79	Resp:	102546
Ion Ratio	Lower	Upper	
79	100		
108	77.2	57.2	85.8
77	62.7	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.503 ng

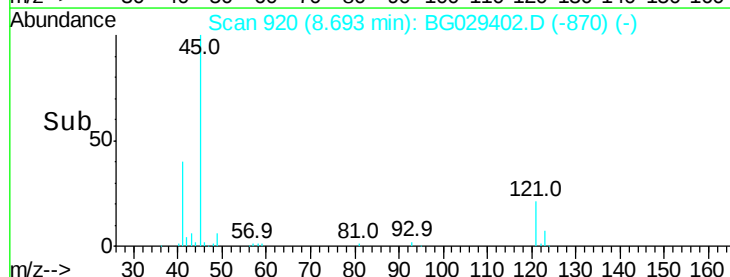
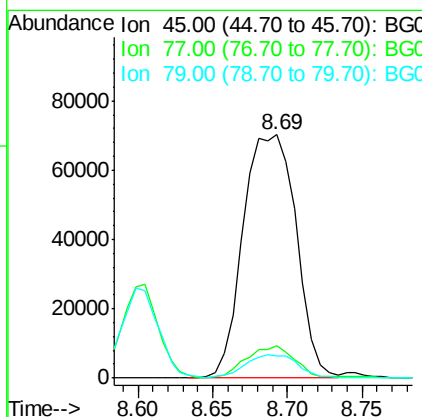
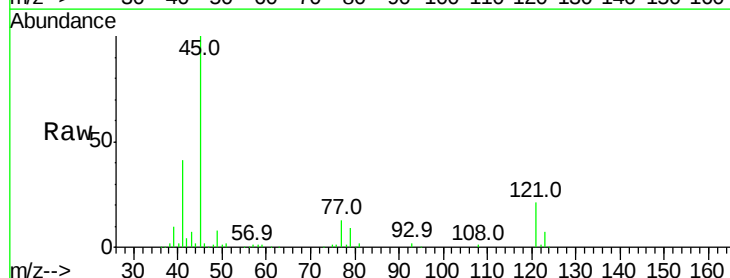
RT: 8.69 min Scan# 920

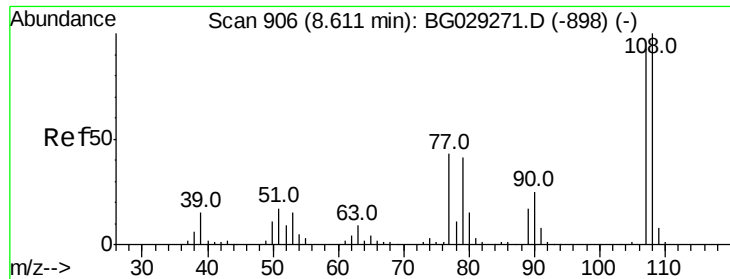
Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Tgt Ion:	45	Resp:	172801
Ion Ratio	Lower	Upper	
45	100		
77	13.2	0.0	30.2
79	9.4	0.0	27.9





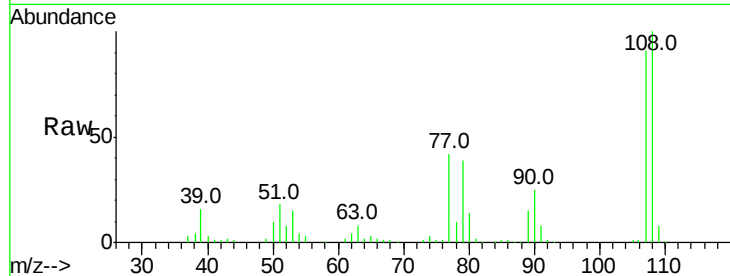
#17
2-Methylphenol
Concen: 30.299 ng
RT: 8.60 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Instrument :
BNA_G
ClientSampled :
PB103551BS

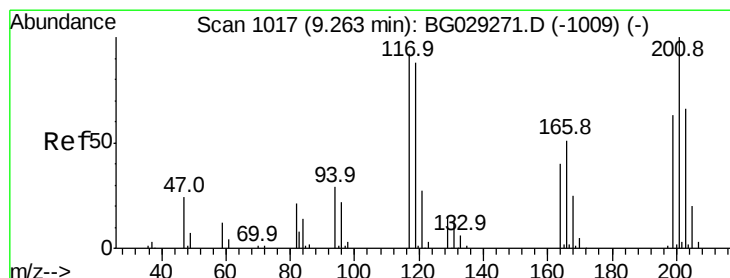
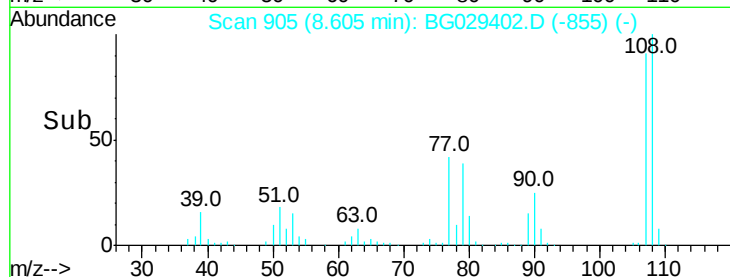
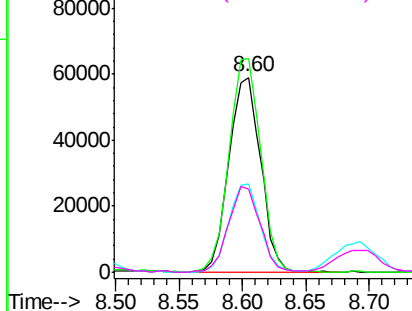
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.5	83.9	125.9	
77	45.6	37.2	55.8	
79	42.5	36.2	54.2	

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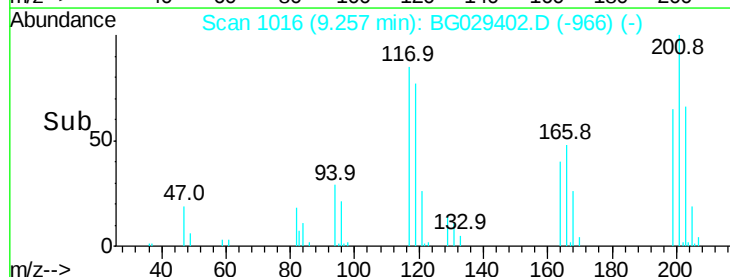
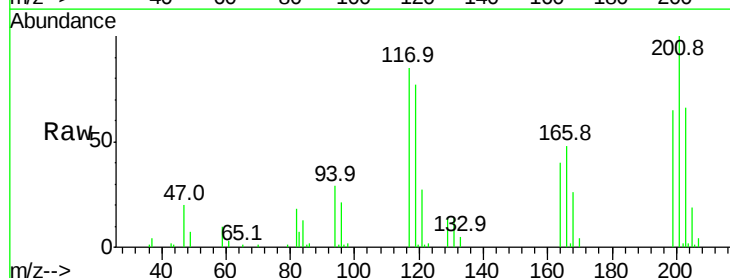
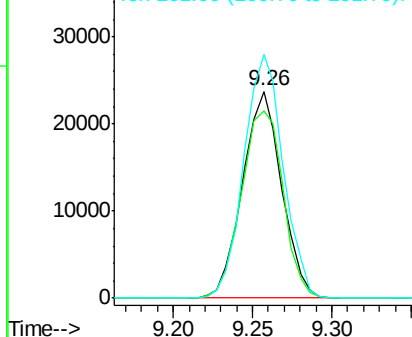
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

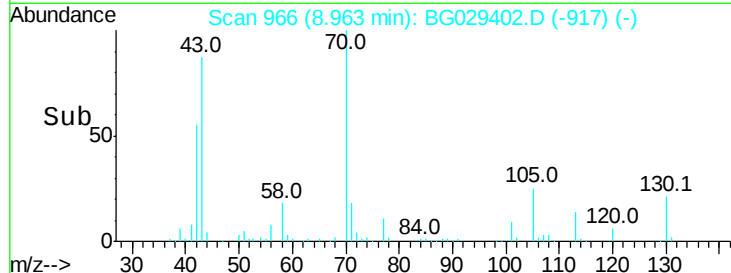
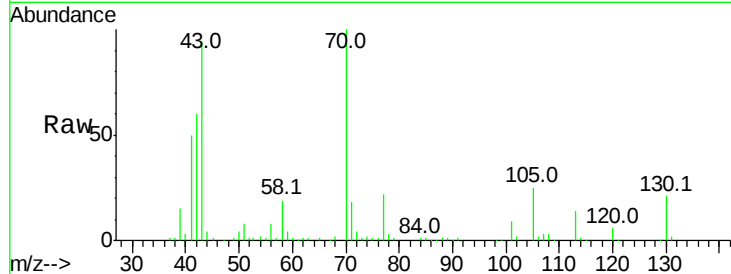
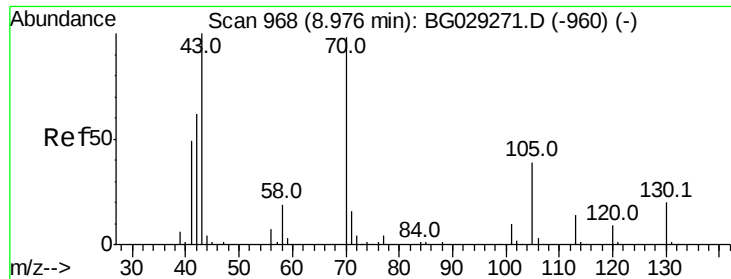


#18
Hexachloroethane
Concen: 27.084 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	90.5	76.7	115.1	
201	117.6	95.7	143.5	

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





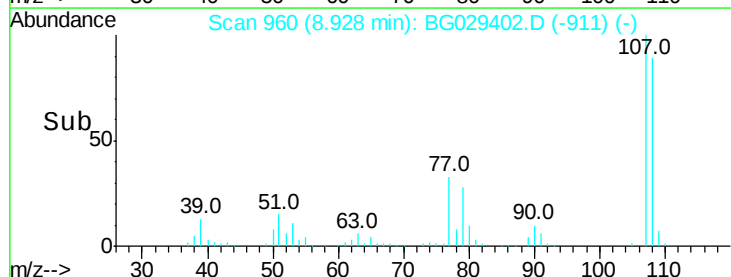
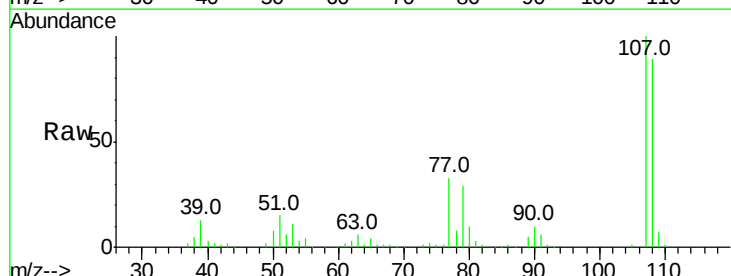
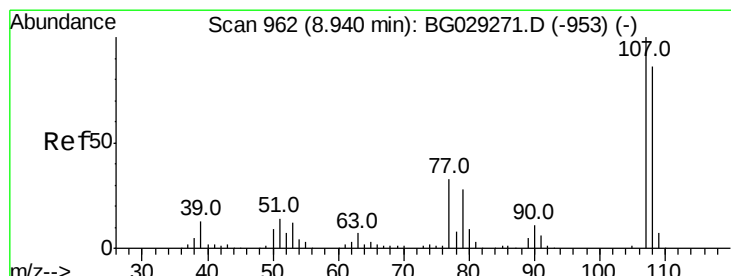
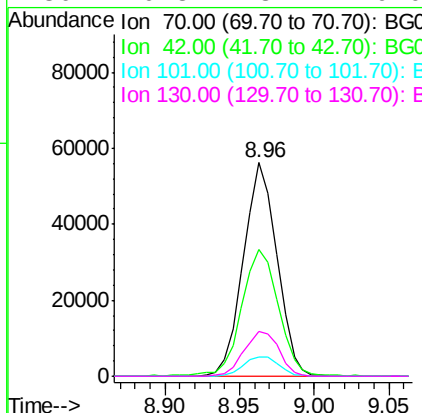
#19
n-Nitroso-di-n-propylamine
Concen: 27.275 ng
RT: 8.96 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Instrument :
BNA_G
ClientSampleId :
PB103551BS

Tot Ion: 70 Resp: 87350
Ion Ratio Lower Upper
70 100
42 59.6 49.1 73.7
101 8.9 8.5 12.7
130 20.8 13.4 20.0#

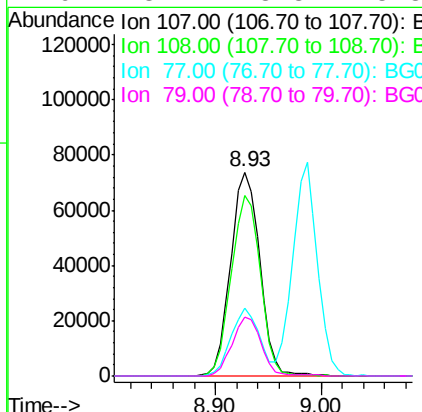
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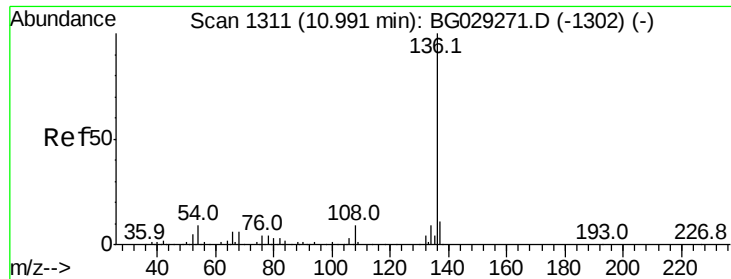
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#20
3+4-Methylphenols
Concen: 29.544 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion: 107 Resp: 140420
Ion Ratio Lower Upper
107 100
108 88.7 61.6 101.6
77 33.1 13.9 53.9
79 28.7 8.8 48.8





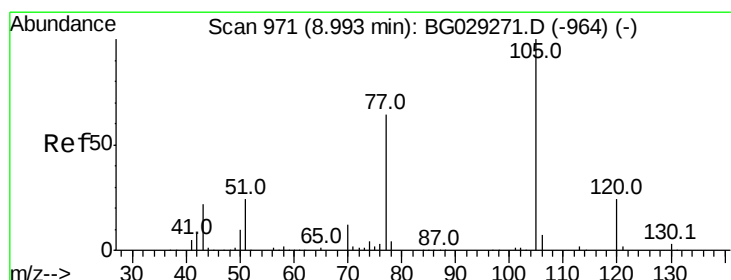
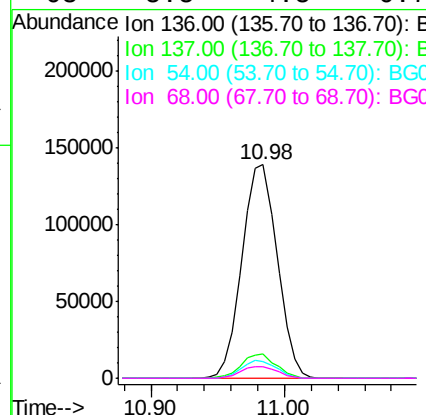
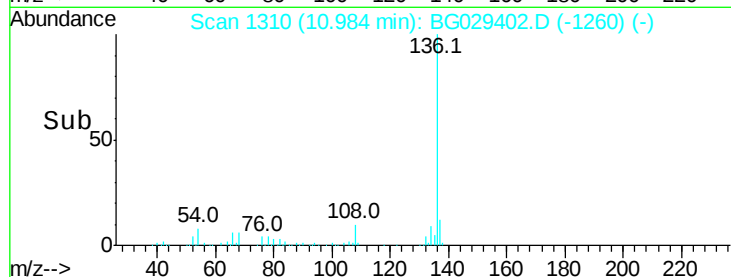
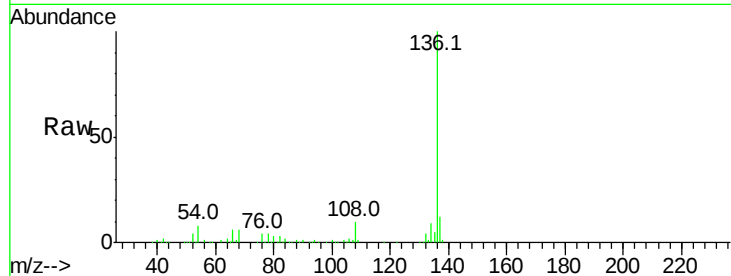
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Instrument :
BNA_G
ClientSampleId :
PB103551BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.6	9.2	13.8	
54	7.9	10.3	15.5	
68	5.5	4.5	6.7	

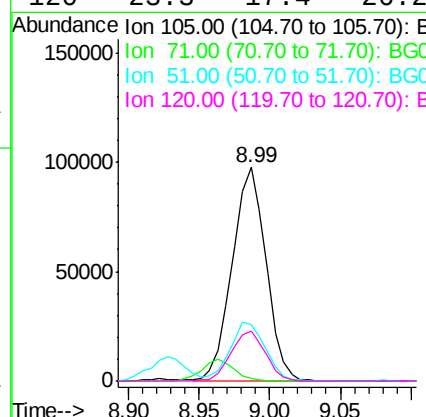
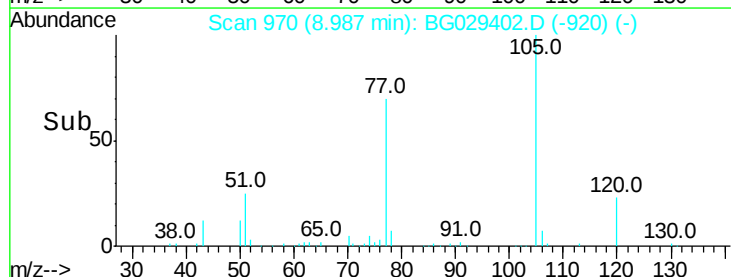
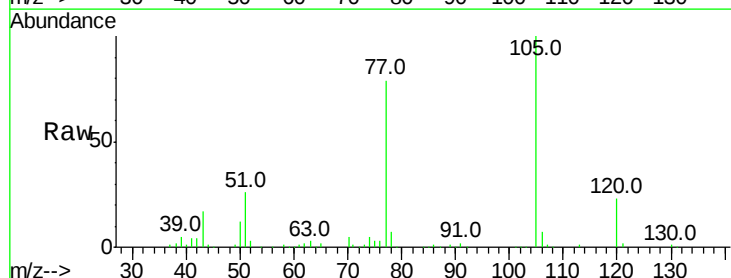
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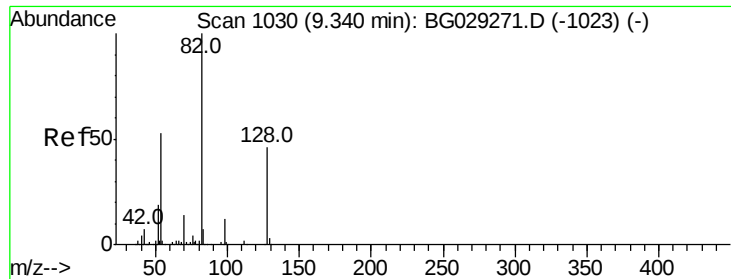
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#22
Acetophenone
Concen: 26.602 ng
RT: 8.99 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.1	3.0	4.4	
51	26.5	26.1	39.1	
120	23.3	17.4	26.2	





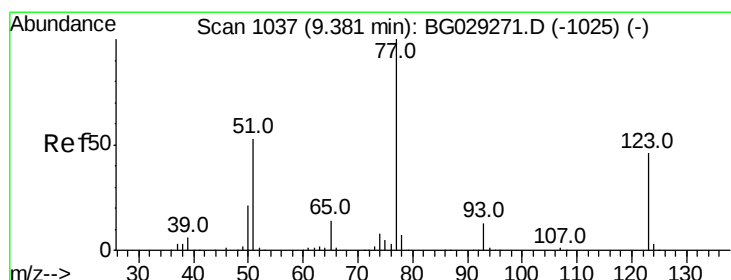
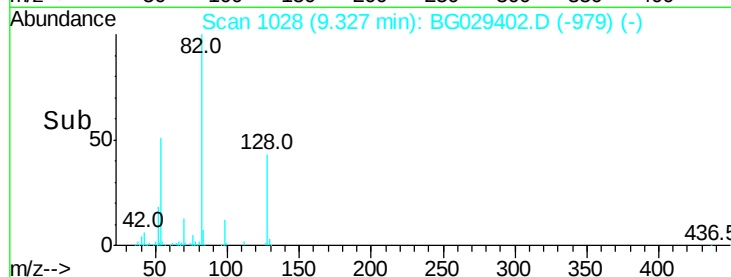
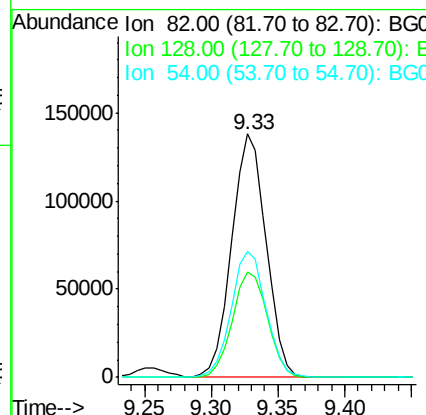
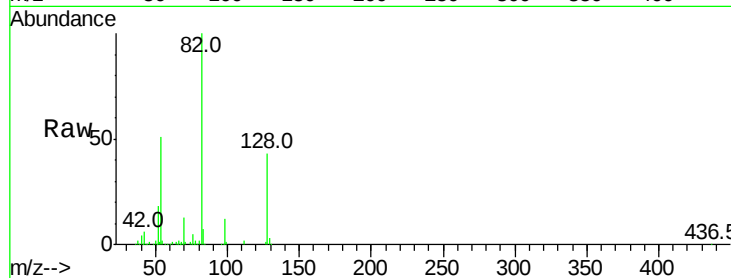
#23
Nitrobenzene-d5
Concen: 61.796 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Instrument :
BNA_G
ClientSampleId :
PB103551BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	29.7	44.5
54	51.4	43.1	64.7

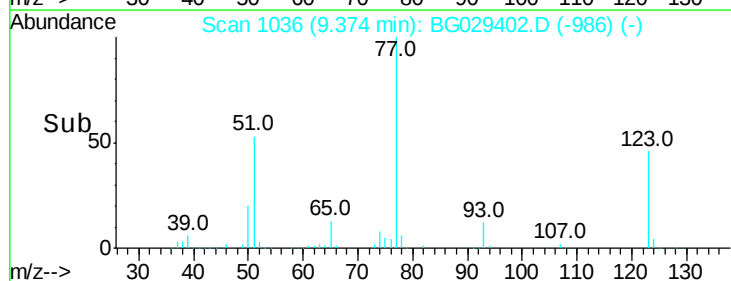
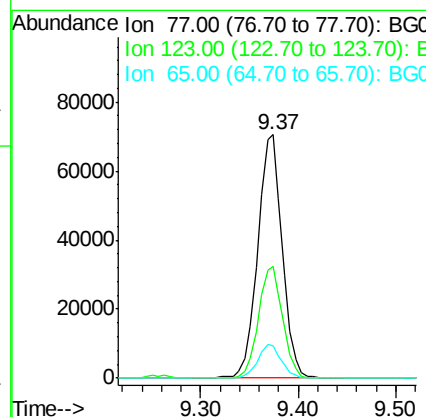
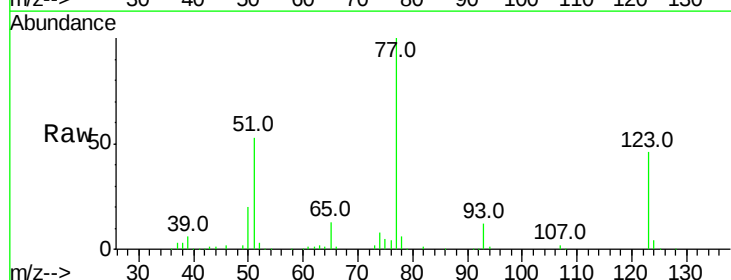
Manual Integrations
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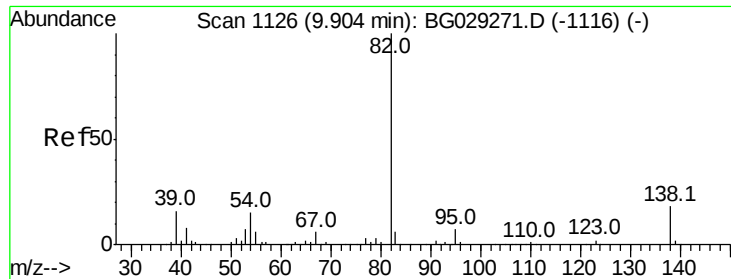
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#24
Nitrobenzene
Concen: 27.706 ng
RT: 9.37 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.1	33.0	49.6
65	13.5	13.0	19.6





#25

Isophorone

Concen: 28.836 ng

RT: 9.89 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

ClientSampleId :

PB103551BS

Tot Ion: 82 Resp: 240749

Ion Ratio Lower Upper

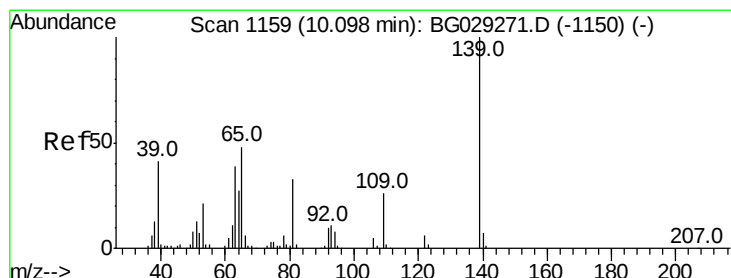
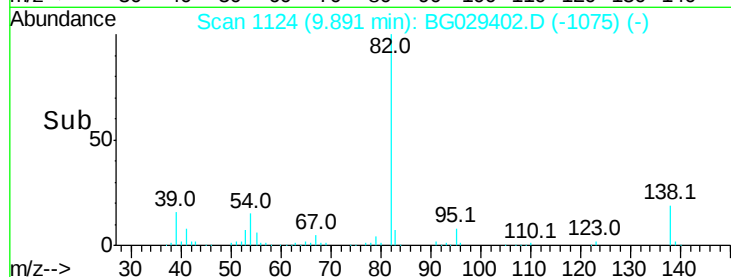
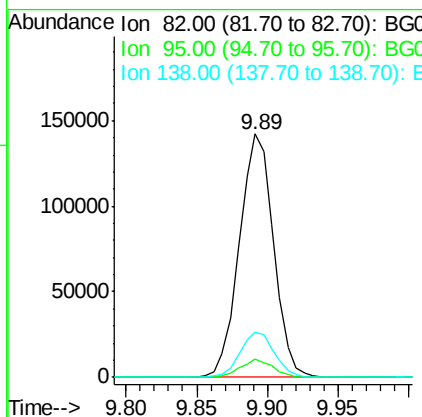
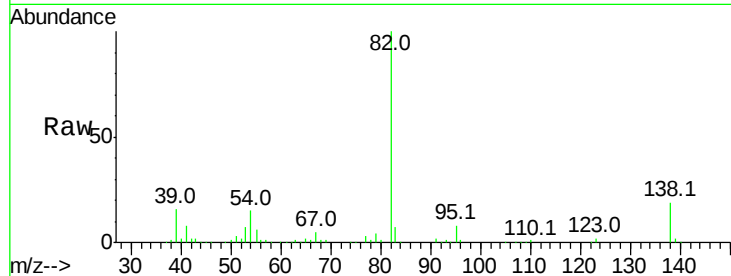
82 100

95 7.7 6.2 9.2

138 18.6 12.1 18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 28.994 ng

RT: 10.09 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

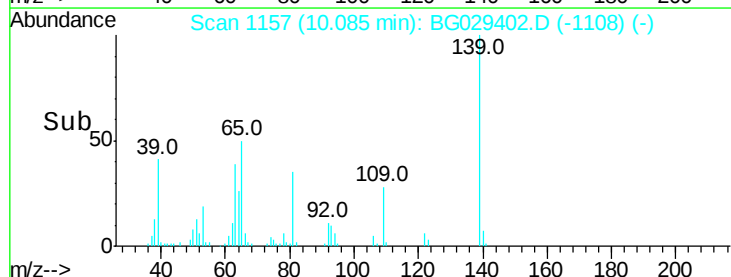
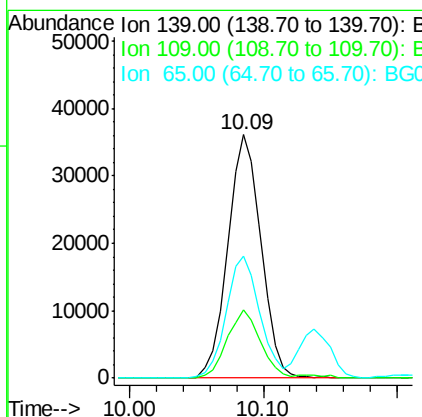
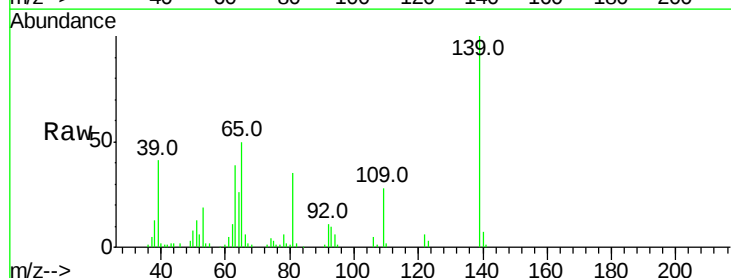
Tgt Ion: 139 Resp: 62313

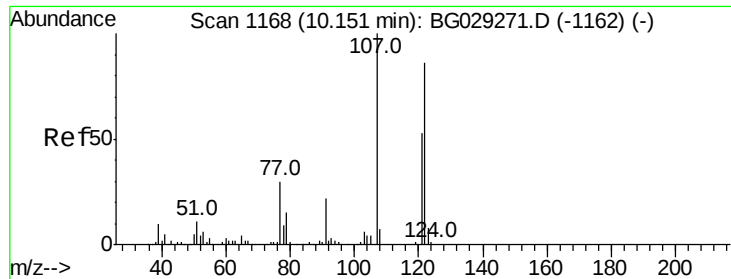
Ion Ratio Lower Upper

139 100

109 28.2 24.2 36.2

65 50.4 47.4 71.0





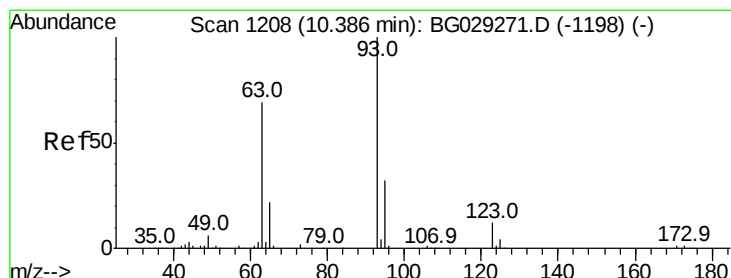
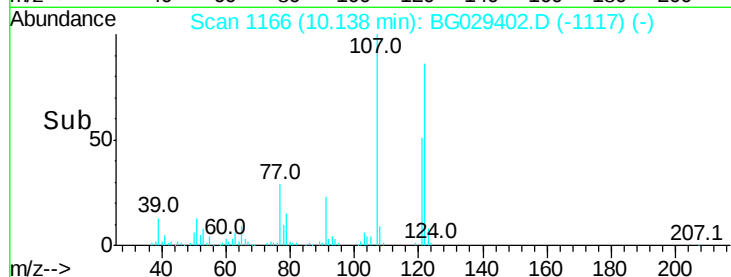
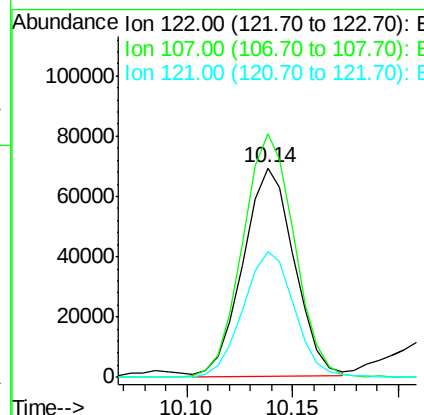
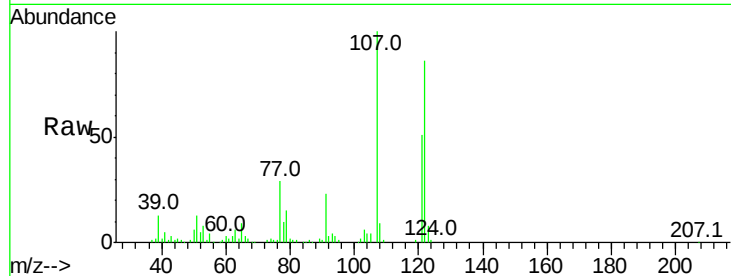
#27
 2,4-Dimethylphenol
 Concen: 29.907 ng
 RT: 10.14 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB103551BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.2	100.2	150.2
121	59.8	44.4	66.6

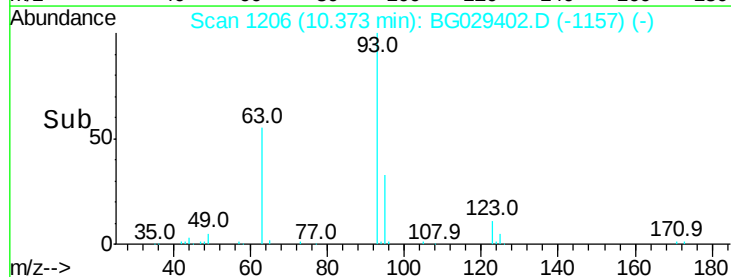
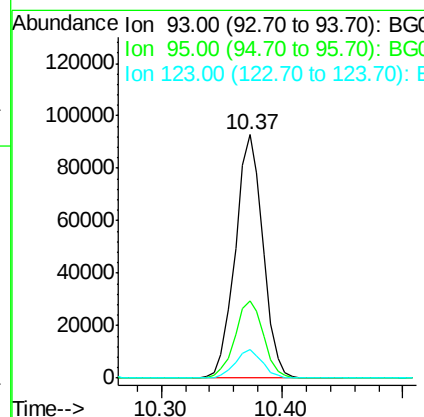
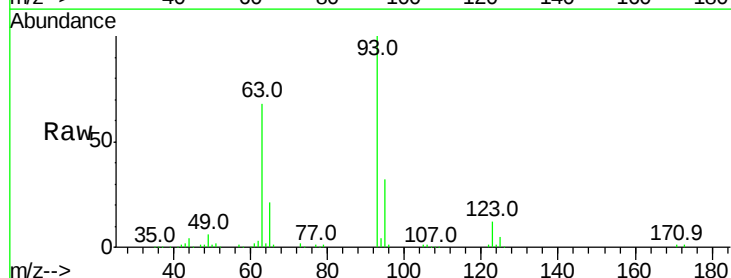
Manual Integrations
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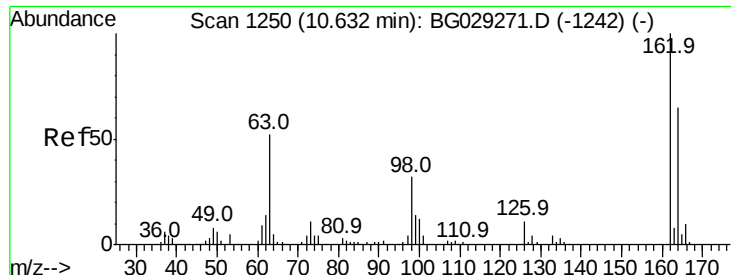
Sohil
 10/24/2017 8:47:41 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 28.898 ng
 RT: 10.37 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	24.3	36.5
123	11.6	8.4	12.6





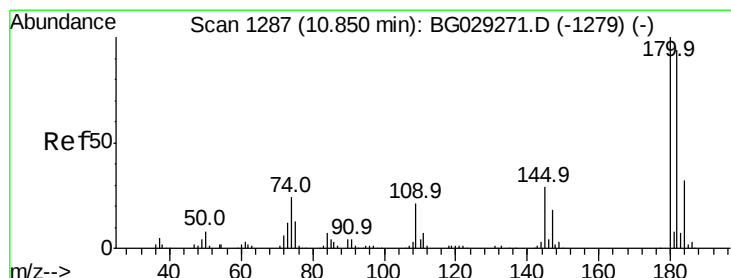
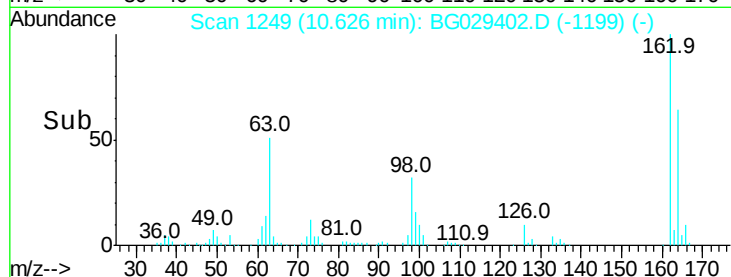
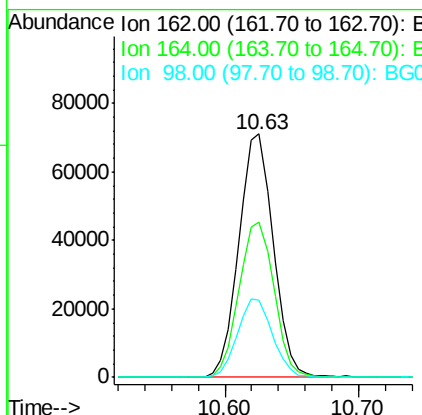
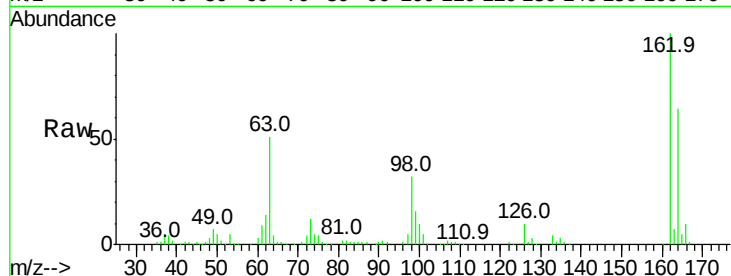
#29
2,4-Dichlorophenol
Concen: 30.603 ng
RT: 10.63 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Instrument :
BNA_G
ClientSampleId :
PB103551BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.9	48.0	88.0
98	31.9	21.1	61.1

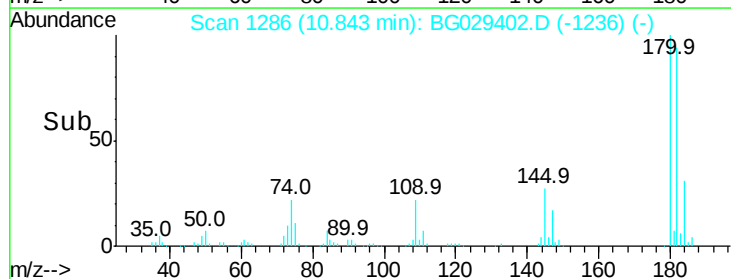
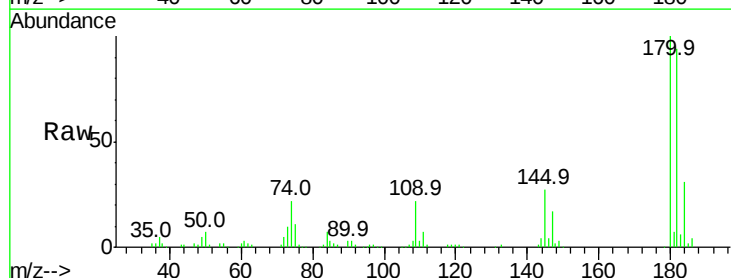
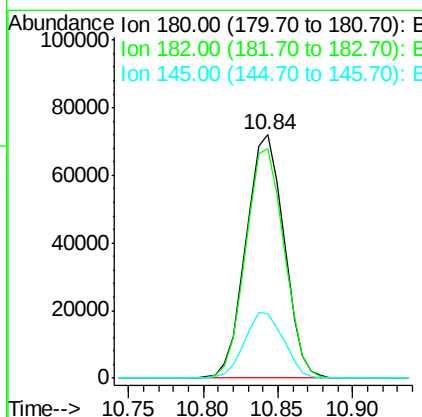
Manual Integrations
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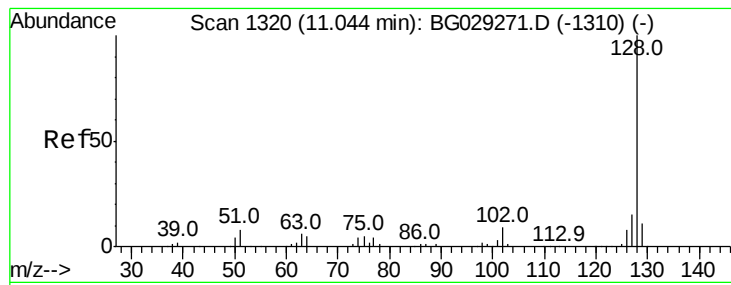
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#30
1,2,4-Trichlorobenzene
Concen: 28.322 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.2	77.5	116.3
145	26.5	23.4	35.2





#31

Naphthalene

Concen: 27.484 ng

RT: 11.03 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

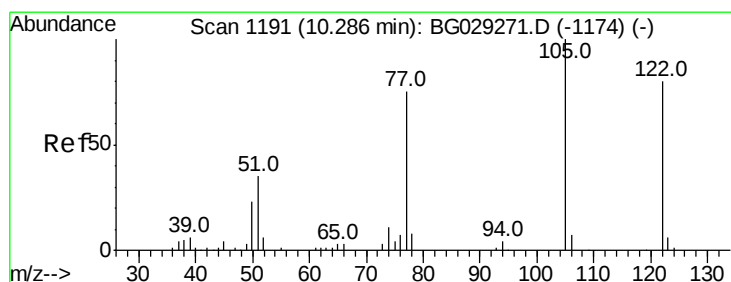
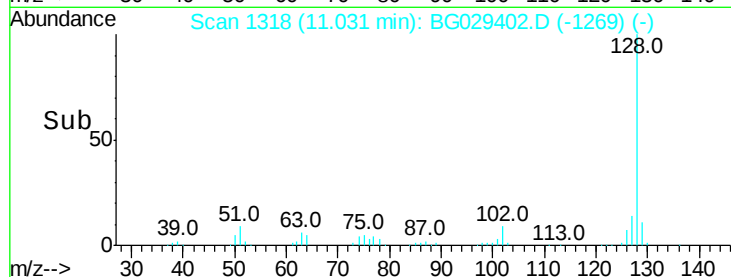
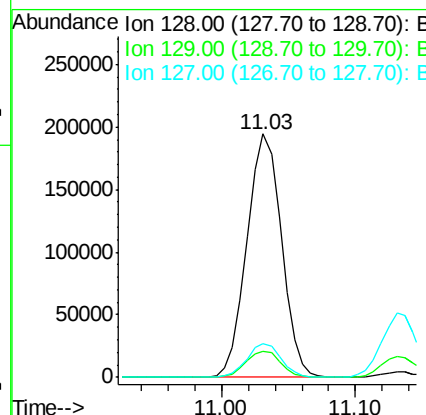
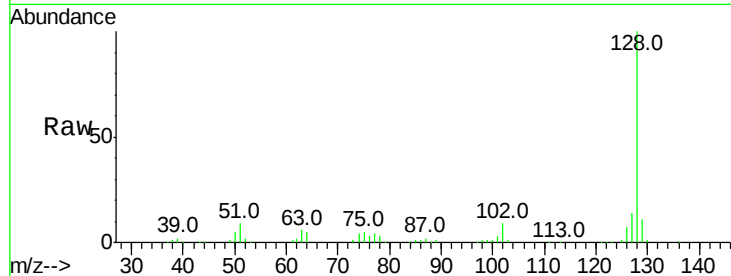
ClientSampleId :

PB103551BS

Tot Ion:	128	Resp:	348110
Ion Ratio	Lower	Upper	
128	100		
129	10.5	8.6	12.8
127	13.9	11.6	17.4

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#32

Benzoic acid

Concen: 25.027 ng m

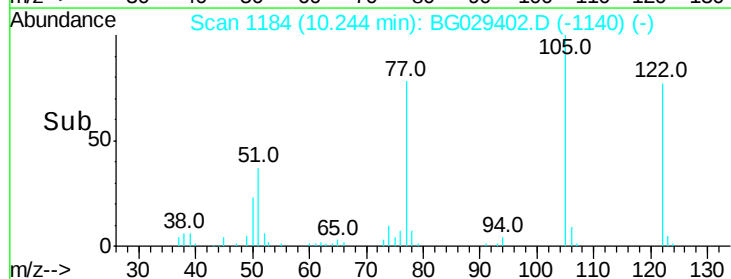
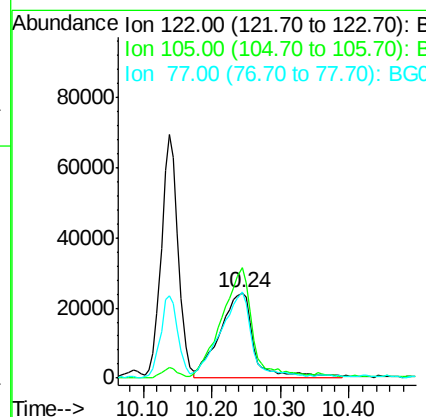
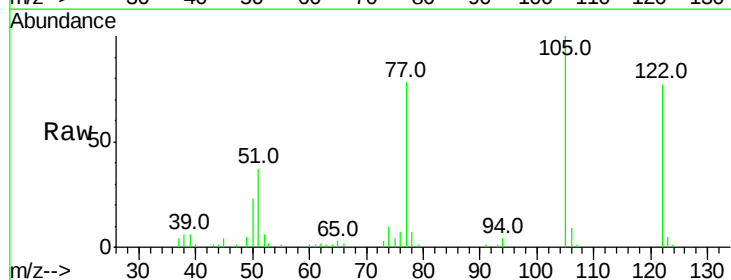
RT: 10.24 min Scan# 1184

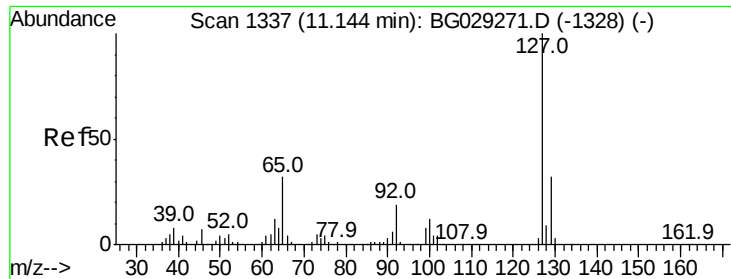
Delta R.T. -0.04 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Tgt Ion:	122	Resp:	81482
Ion Ratio	Lower	Upper	
122	100		
105	129.2	123.5	163.5
77	100.6	85.7	125.7





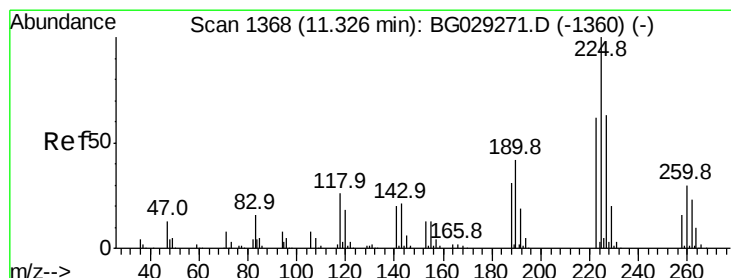
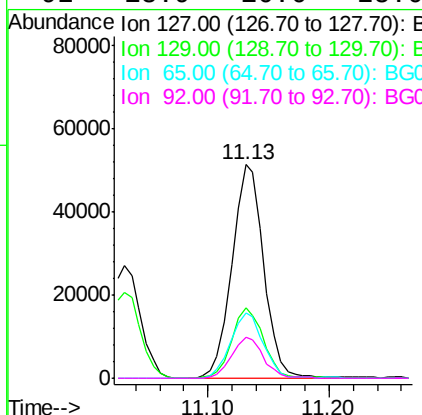
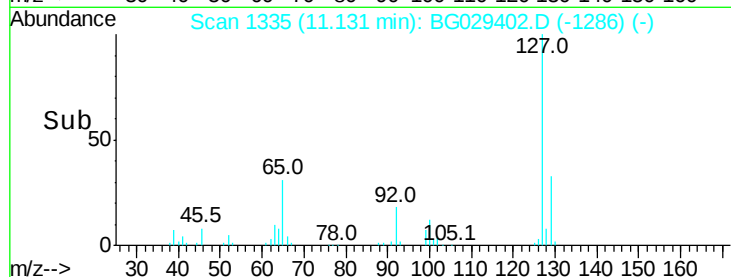
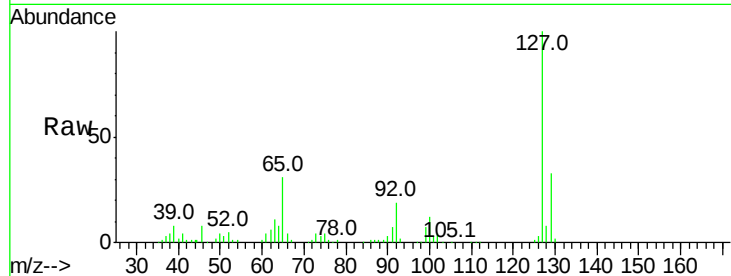
#33
4-Chloroaniline
Concen: 17.670 ng
RT: 11.13 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Instrument :
BNA_G
ClientSampleId :
PB103551BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.1	24.0	36.0
65	30.5	27.0	40.4
92	18.9	16.6	25.0

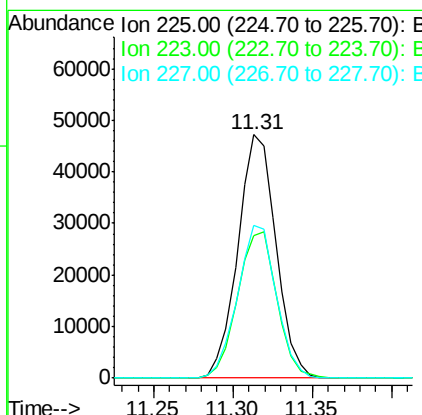
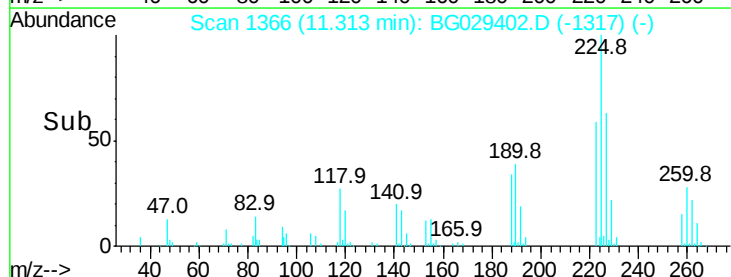
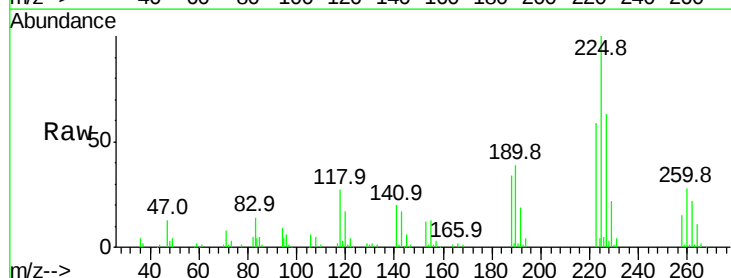
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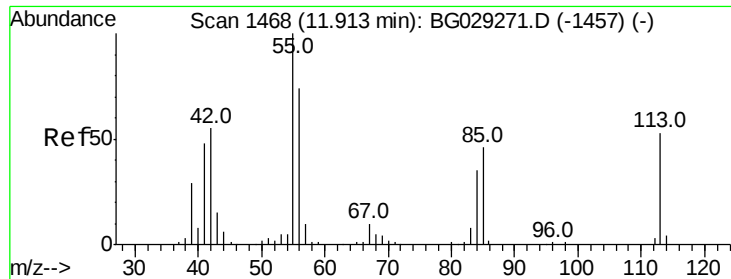
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#34
Hexachlorobutadiene
Concen: 28.240 ng
RT: 11.31 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.8	49.7	74.5
227	62.5	48.1	72.1





#35

Caprolactam

Concen: 35.275 ng

RT: 11.89 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

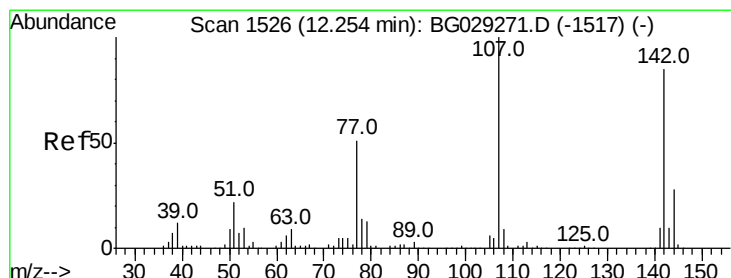
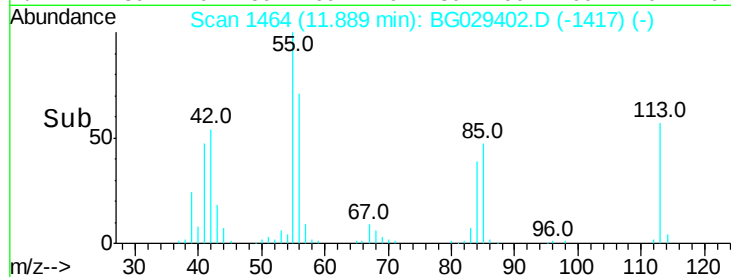
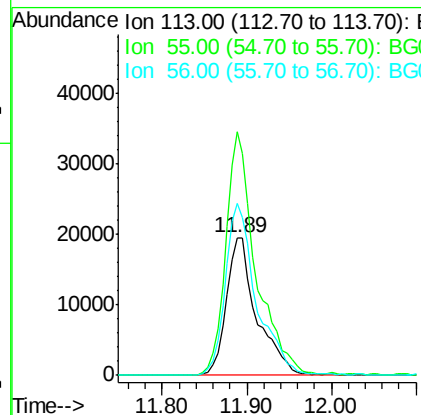
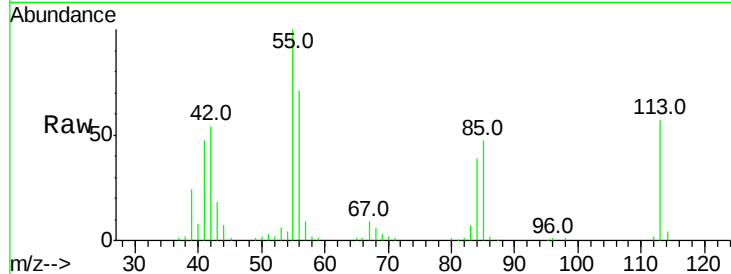
ClientSampleId :

PB103551BS

Tot Ion:113 Resp: 48611
 Ion Ratio Lower Upper
 113 100
 55 176.7 186.9 226.9#
 56 124.8 130.9 170.9#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 29.726 ng

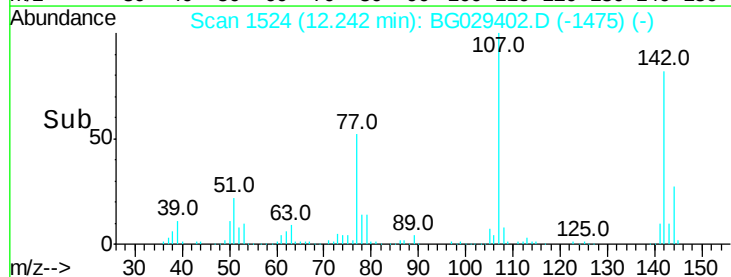
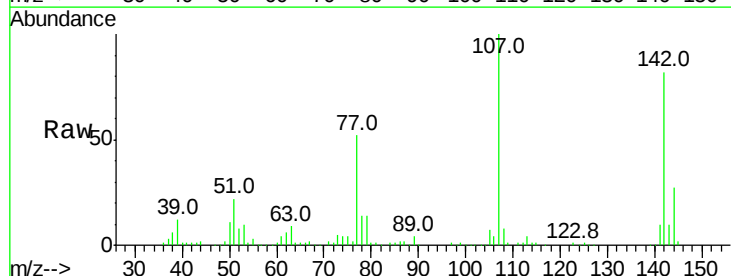
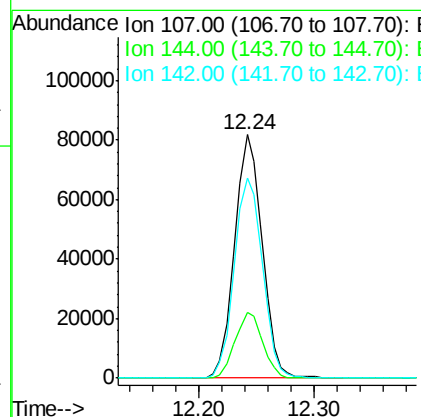
RT: 12.24 min Scan# 1524

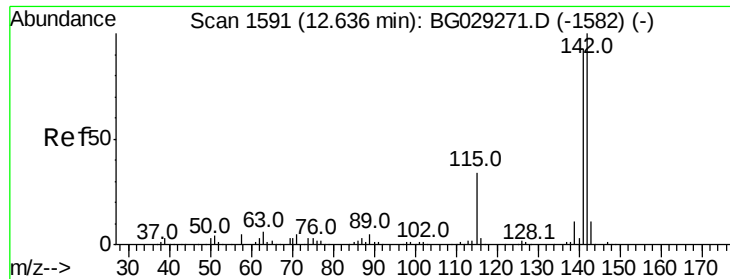
Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Tgt Ion:107 Resp: 135568
 Ion Ratio Lower Upper
 107 100
 144 26.8 18.2 27.4
 142 82.3 59.0 88.4





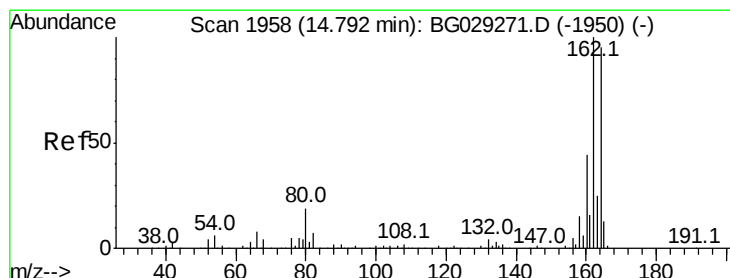
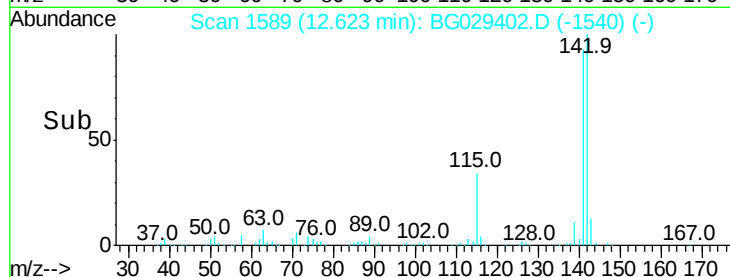
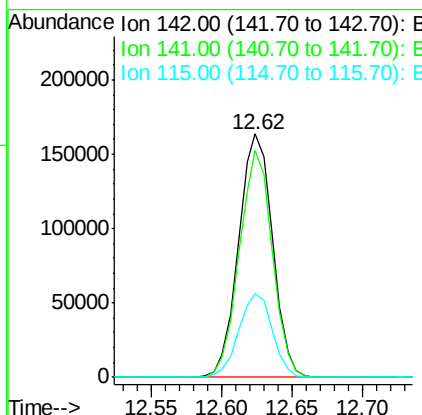
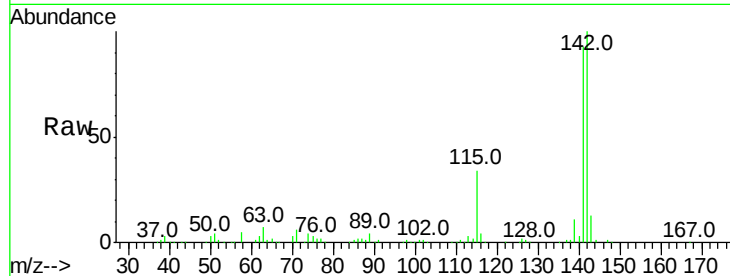
#37
2-Methylnaphthalene
Concen: 29.731 ng
RT: 12.62 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Instrument :
BNA_G
ClientSampleId :
PB103551BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.2	67.1	100.7
115	34.4	30.7	46.1

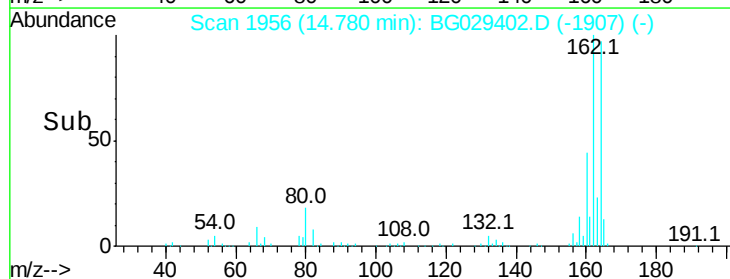
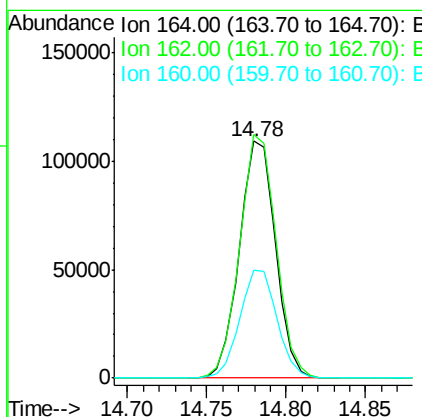
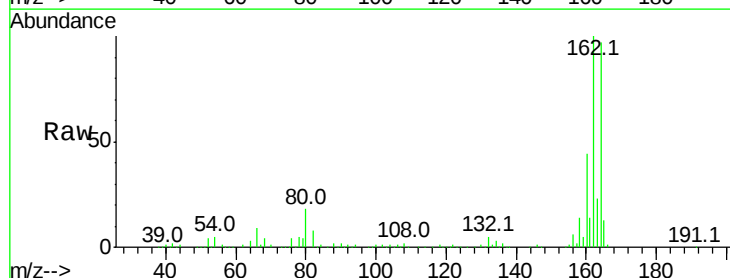
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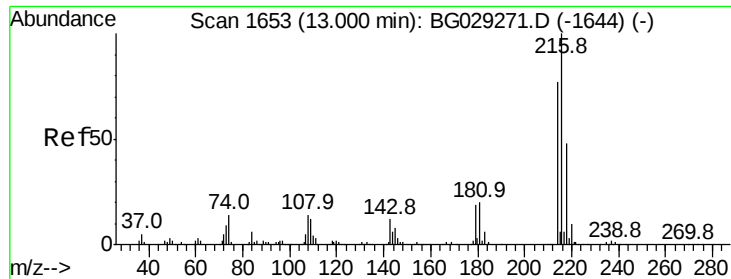
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	78.8	118.2
160	45.5	35.4	53.0





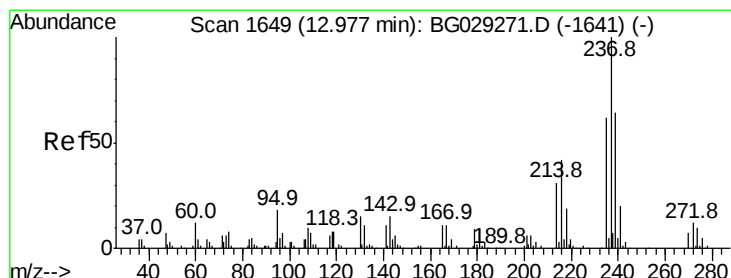
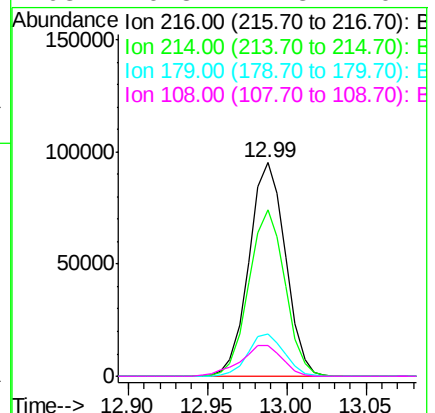
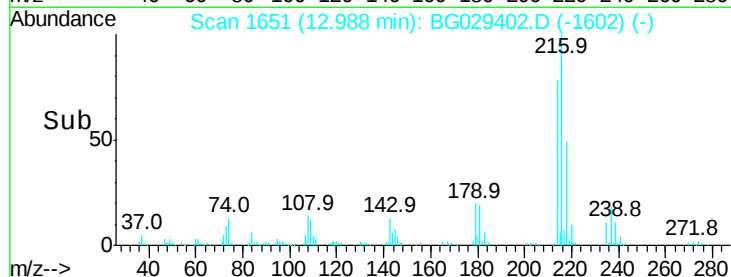
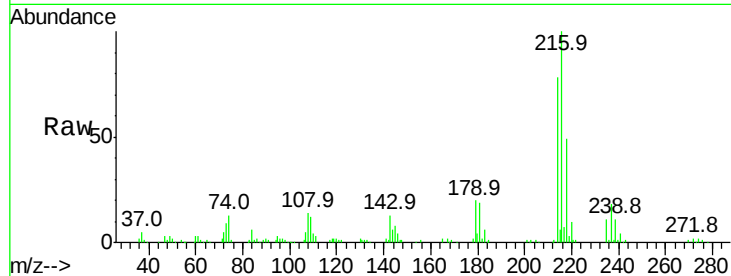
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 24.174 ng
 RT: 12.99 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Instrument :
 BNA_G
 ClientSampled :
 PB103551BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	152224		
214	77.2	63.0	94.4	
179	19.7	17.0	25.6	
108	16.8	12.8	19.2	

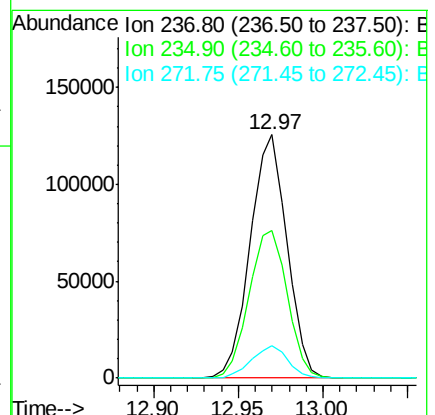
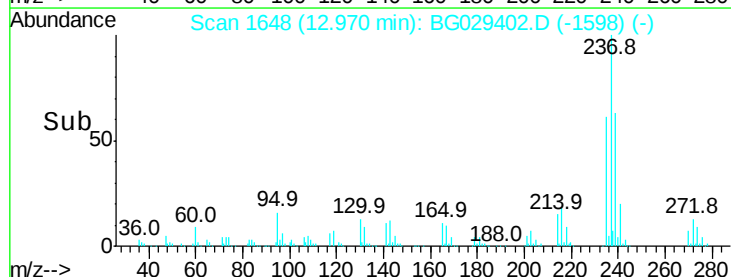
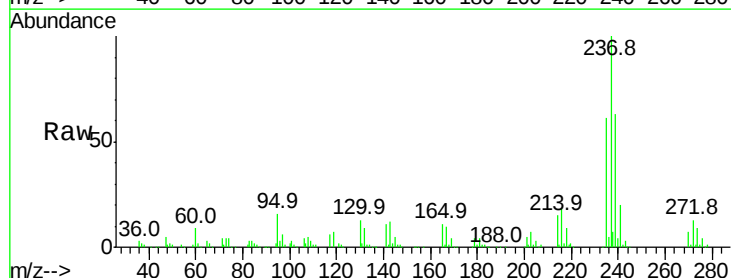
Manual Integrations
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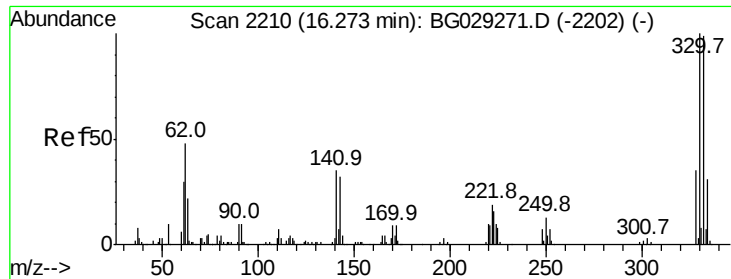
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#40
 Hexachlorocyclopentadiene
 Concen: 79.711 ng
 RT: 12.97 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	190107		
235	60.6	50.4	90.4	
272	13.1	0.0	31.8	





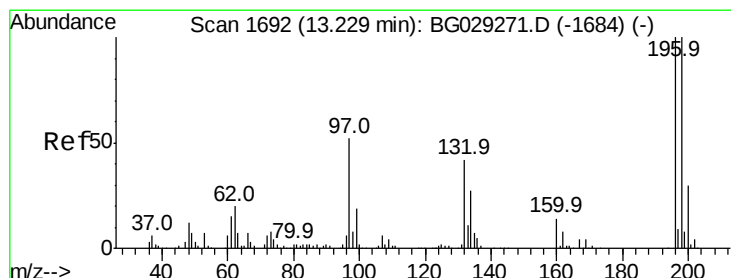
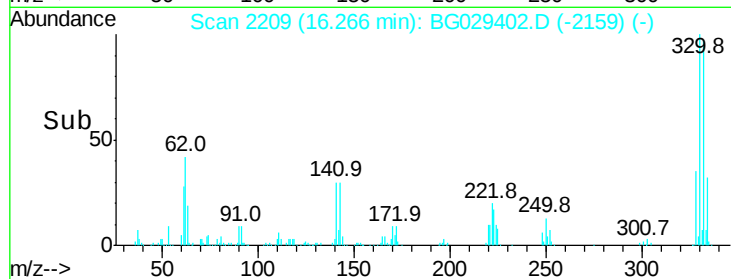
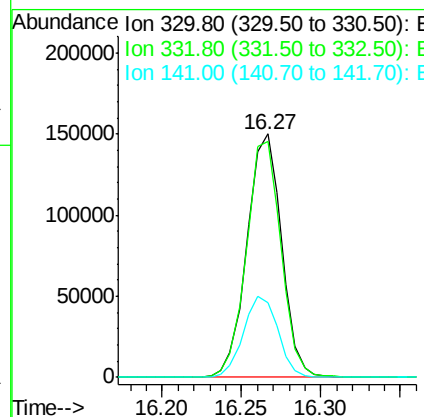
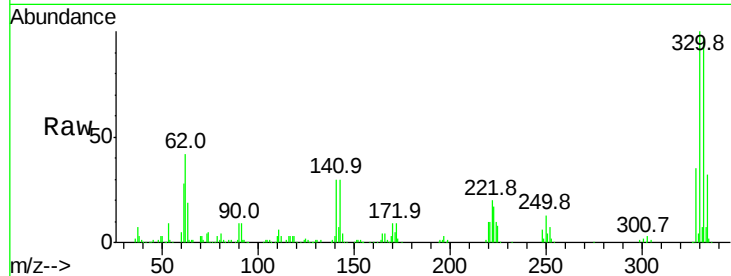
#41
 2,4,6-Tribromophenol
 Concen: 102.271 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB103551BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	227741		
332	97.0	77.0	115.6	
141	33.5	25.2	37.8	

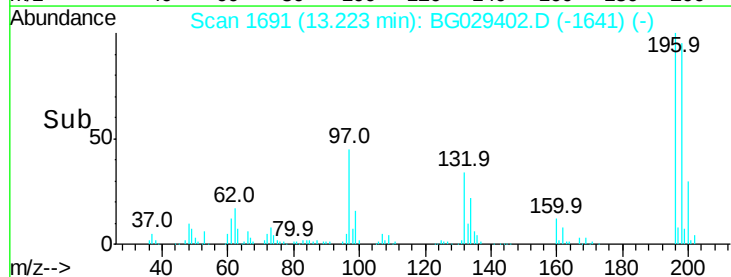
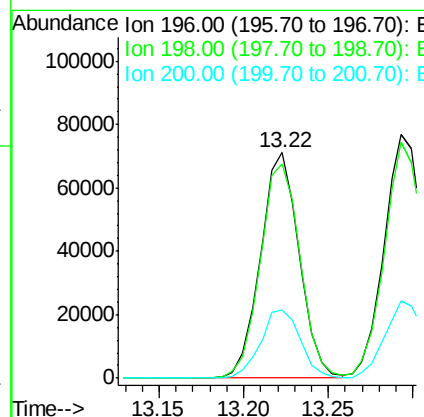
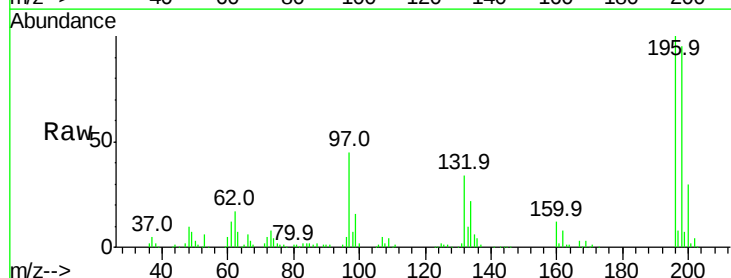
Manual Integrations
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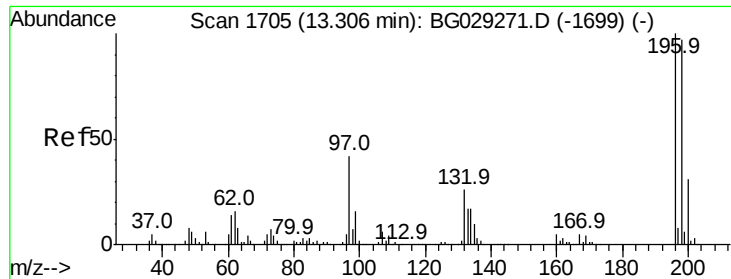
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 10/24/2017 8:47:41 PM



#42
 2,4,6-Trichlorophenol
 Concen: 28.603 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	113068		
198	94.9	78.2	117.2	
200	30.2	24.6	36.8	





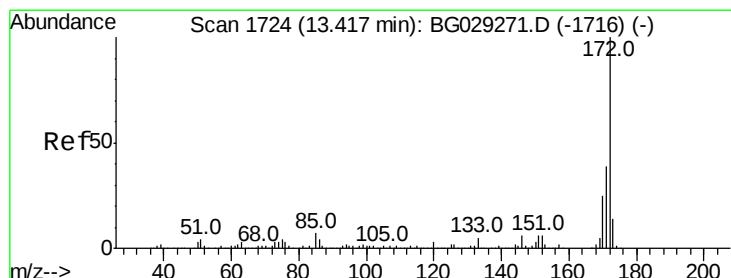
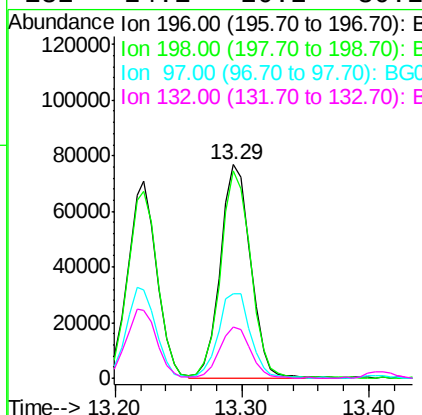
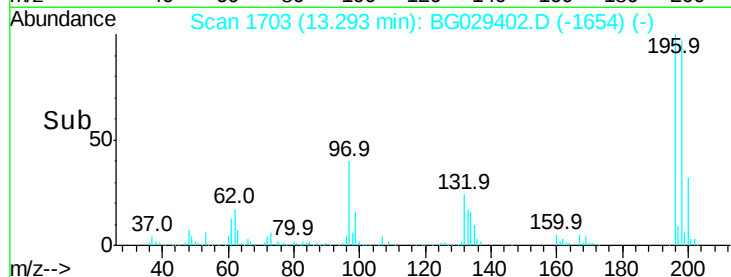
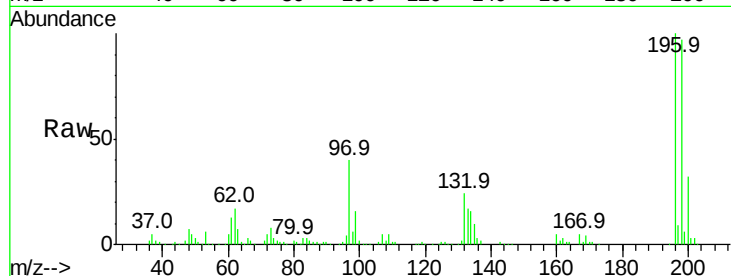
#43
 2,4,5-Trichlorophenol
 Concen: 31.229 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB103551BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		126782		
198	97.0	76.2	114.4		
97	39.8	38.7	58.1		
132	24.1	20.2	30.2		

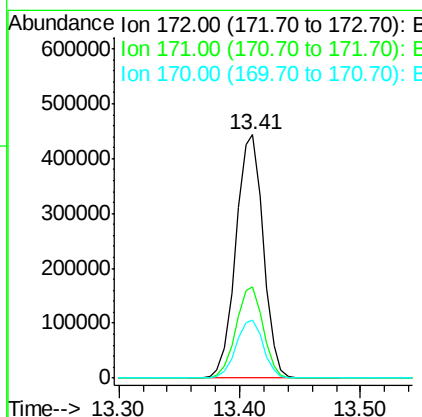
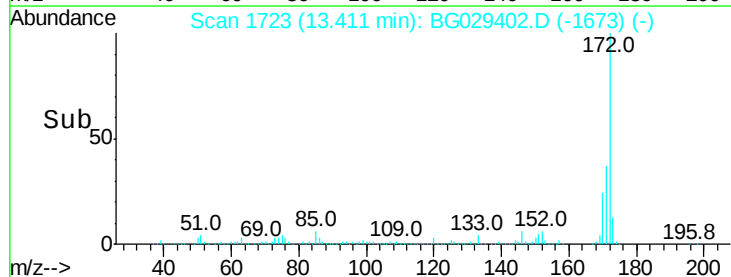
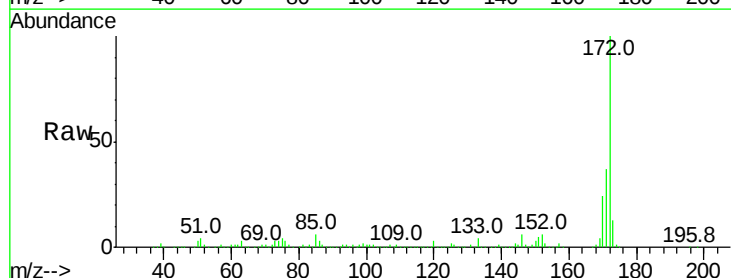
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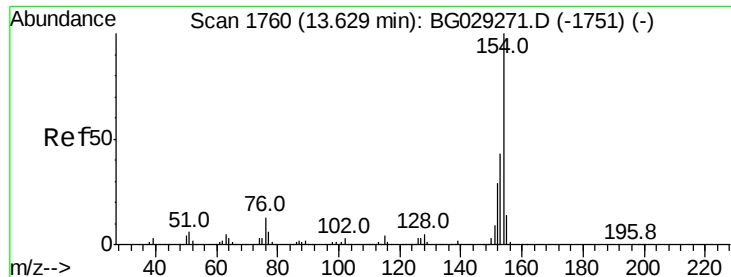
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#44
 2-Fluorobiphenyl
 Concen: 59.455 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		699179		
171	37.5	30.0	45.0		
170	23.9	19.5	29.3		





#45

1,1'-Biphenyl

Concen: 25.224 ng

RT: 13.62 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

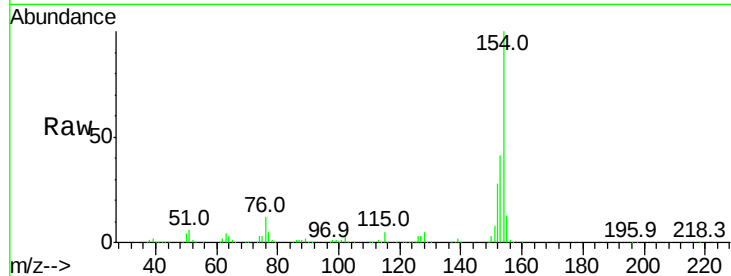
ClientSampleId :

PB103551BS

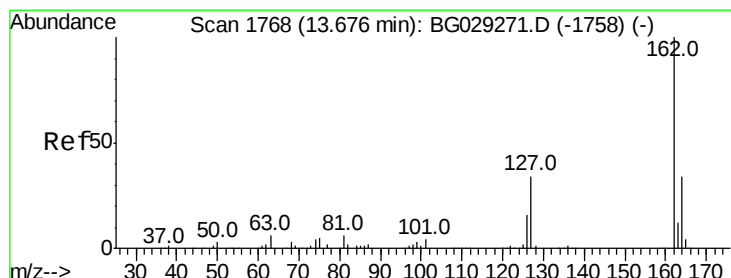
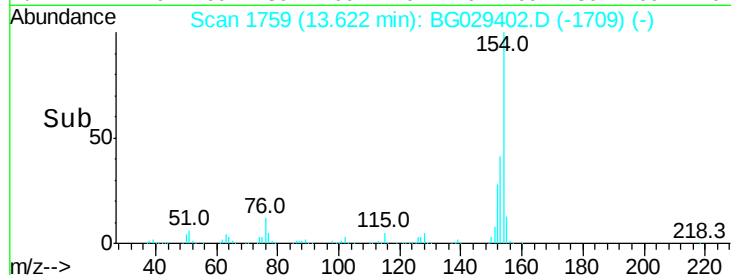
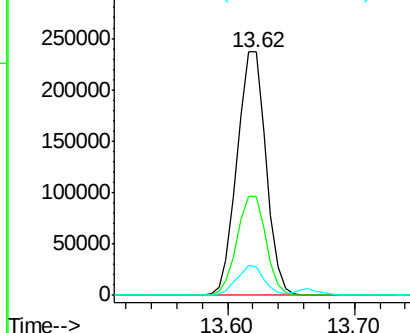
Tot Ion:	154	Resp:	373942
Ion Ratio	Lower	Upper	
154	100		
153	40.6	19.8	59.8
76	11.7	0.0	31.9

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 26.903 ng

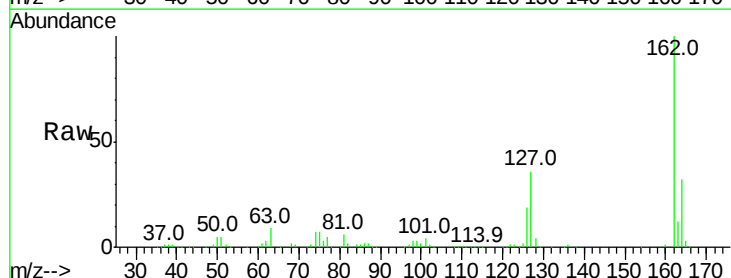
RT: 13.66 min Scan# 1766

Delta R.T. -0.01 min

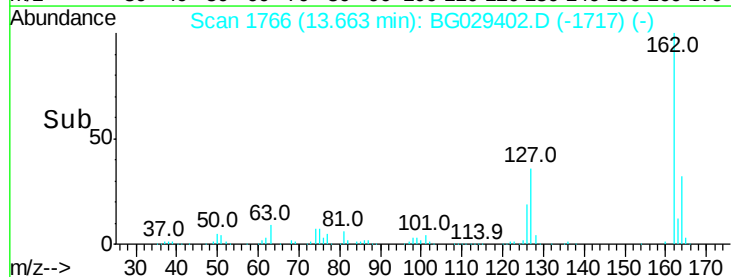
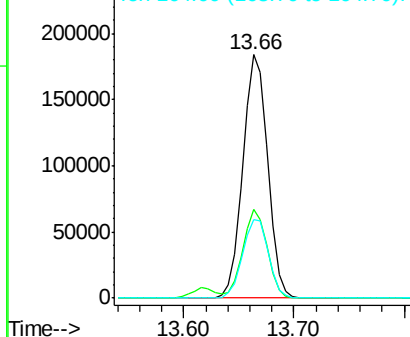
Lab File: BG029402.D

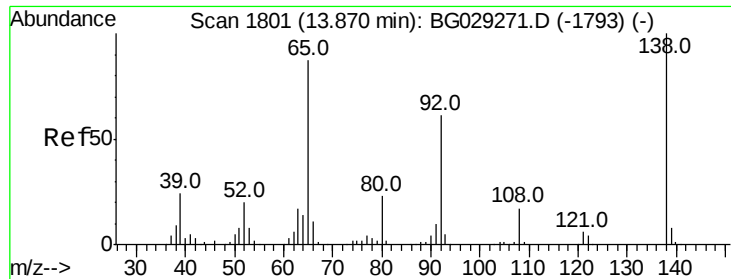
Acq: 23 Oct 2017 16:53

Tgt Ion:	162	Resp:	290917
Ion Ratio	Lower	Upper	
162	100		
127	36.2	30.7	46.1
164	32.2	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 30.395 ng

RT: 13.86 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

ClientSampleId :

PB103551BS

Tot Ion: 65 Resp: 90279

Ion Ratio Lower Upper

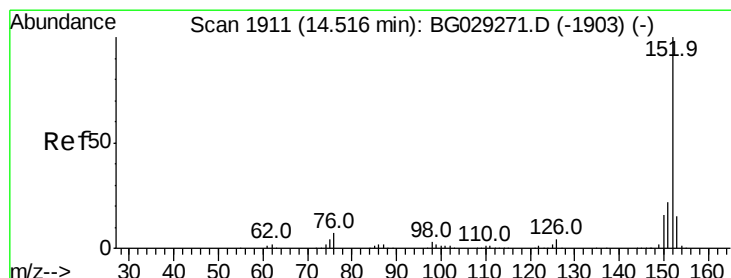
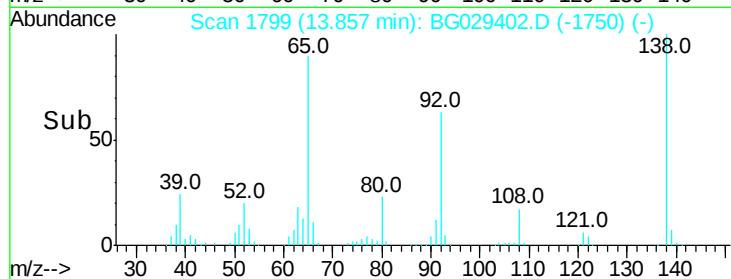
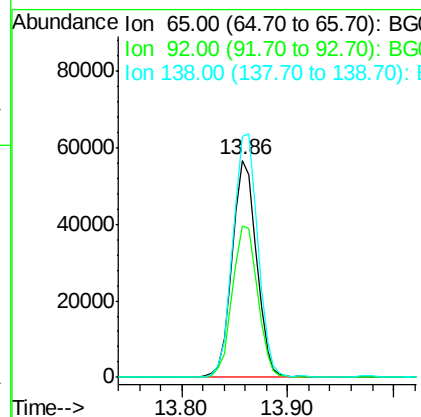
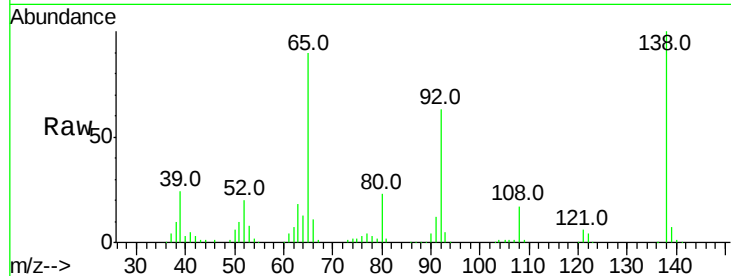
65 100

92 70.1 54.6 82.0

138 111.4 72.9 109.3#

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#48

Acenaphthylene

Concen: 27.737 ng

RT: 14.50 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

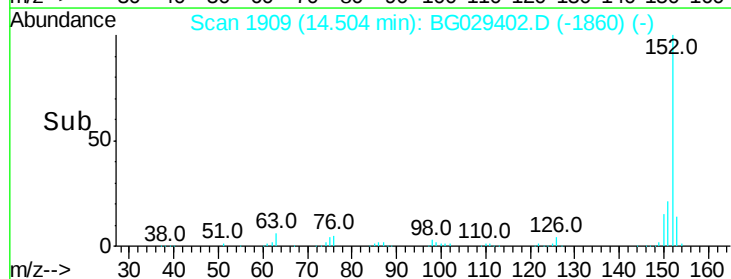
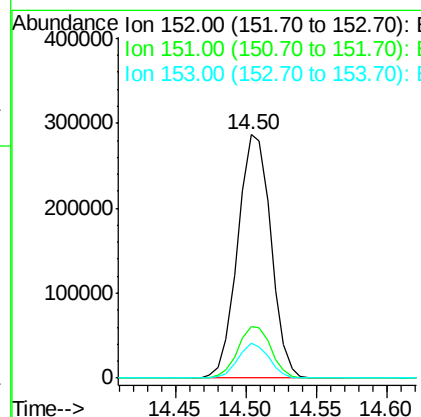
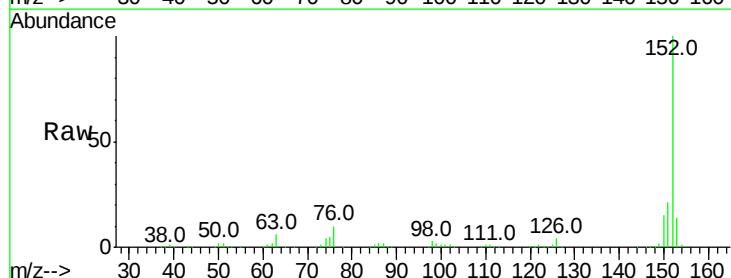
Tgt Ion: 152 Resp: 469405

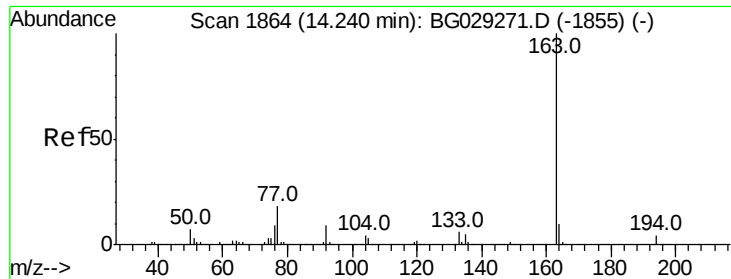
Ion Ratio Lower Upper

152 100

151 21.3 17.2 25.8

153 14.3 10.2 15.4





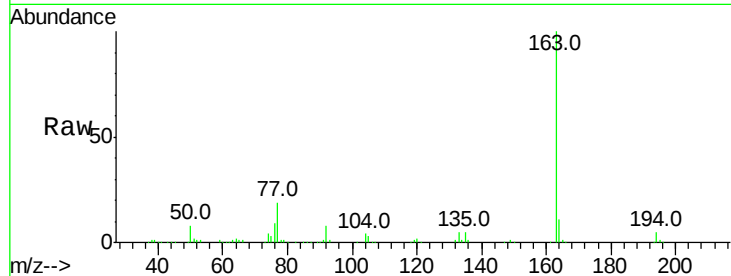
#49
 Dimethylphthalate
 Concen: 30.241 ng
 RT: 14.23 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB103551BS

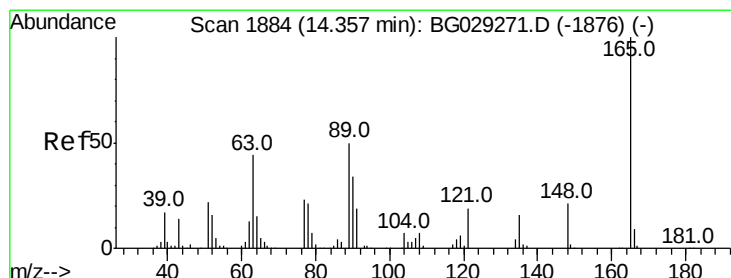
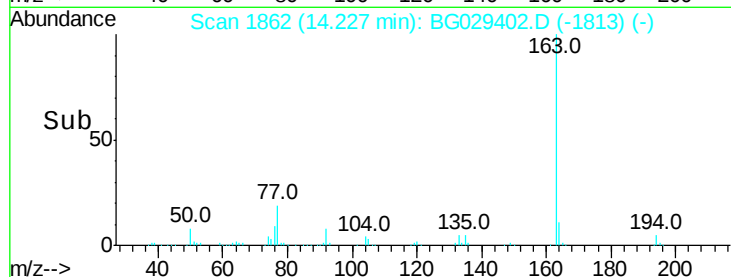
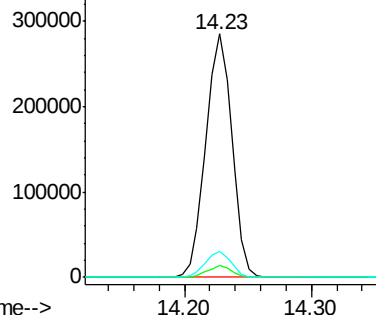
Tot Ion	Ratio	Resp	Lower	Upper
163	100	406961		
194	4.7		3.4	5.2
164	10.5		8.2	12.4

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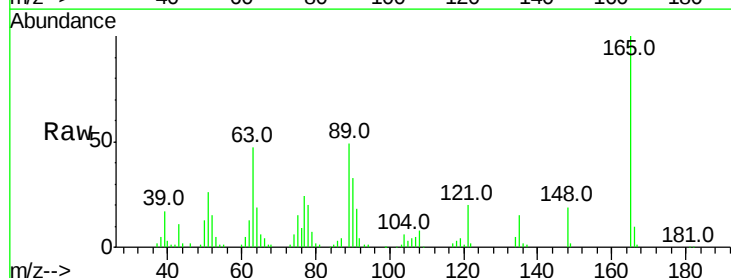


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

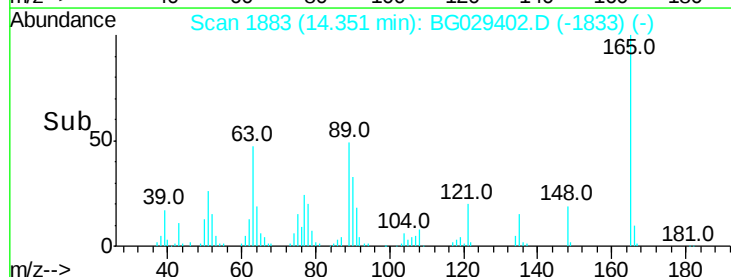
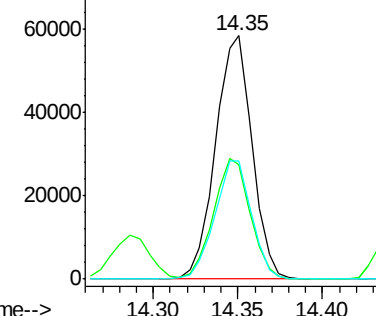


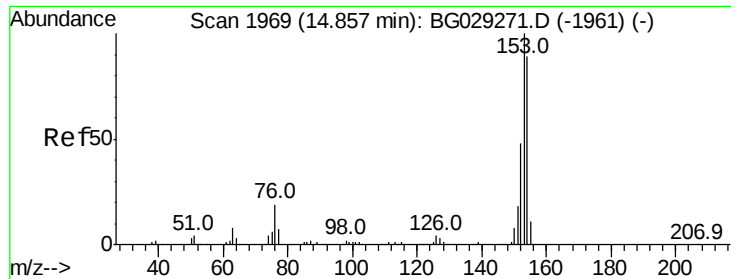
#50
 2,6-Dinitrotoluene
 Concen: 31.165 ng
 RT: 14.35 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	87916		
63	47.0		52.7	79.1#
89	48.6		49.2	73.8#



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





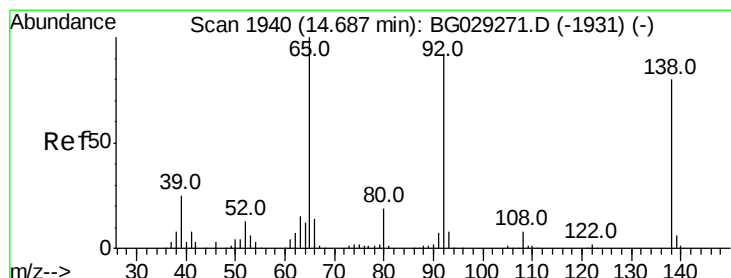
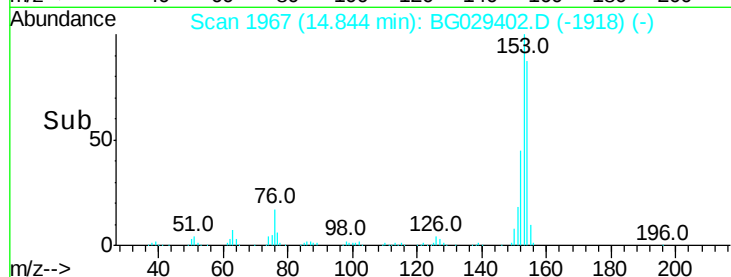
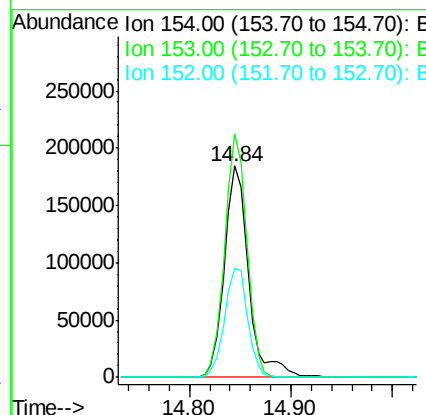
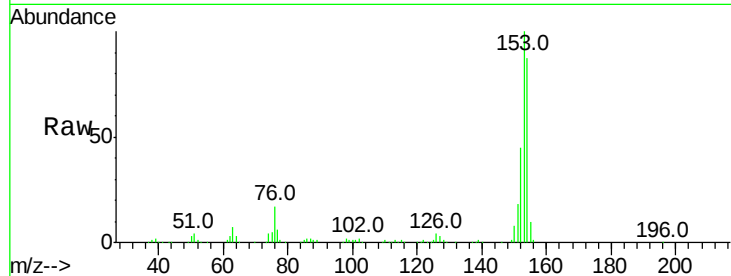
#51
Acenaphthene
Concen: 28.100 ng
RT: 14.84 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Instrument :
BNA_G
ClientSampleId :
PB103551BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.2	90.4	135.6
152	51.4	41.6	62.4

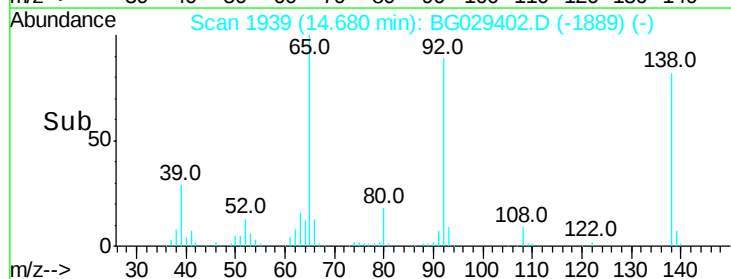
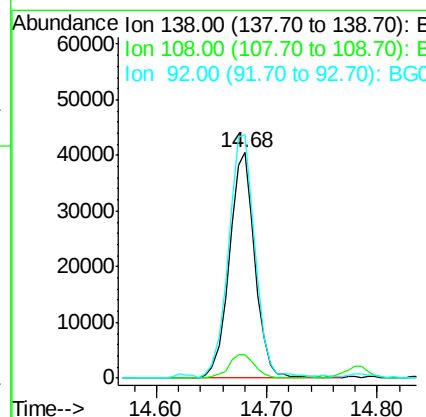
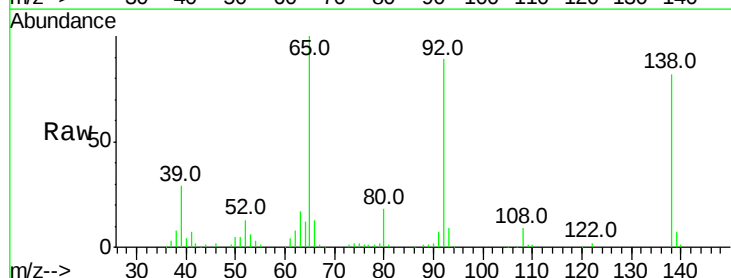
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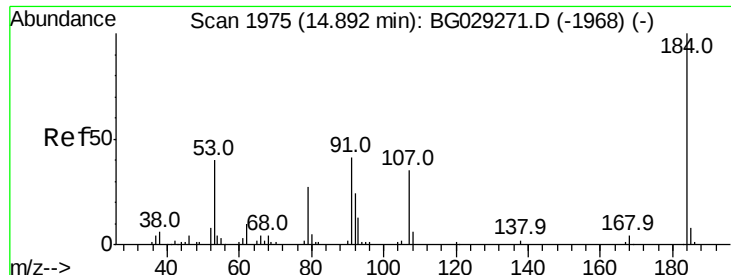
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#52
3-Nitroaniline
Concen: 21.563 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.7	17.5	26.3#
92	108.0	105.8	158.8





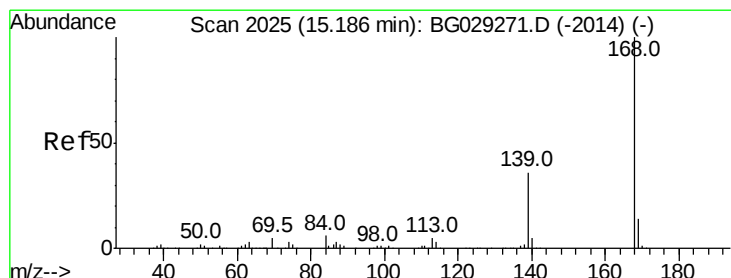
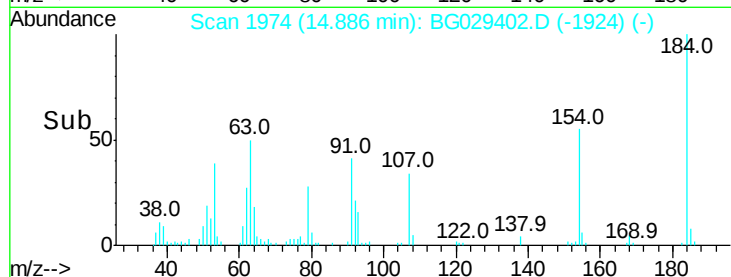
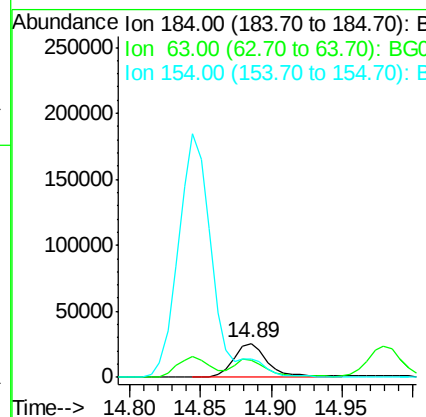
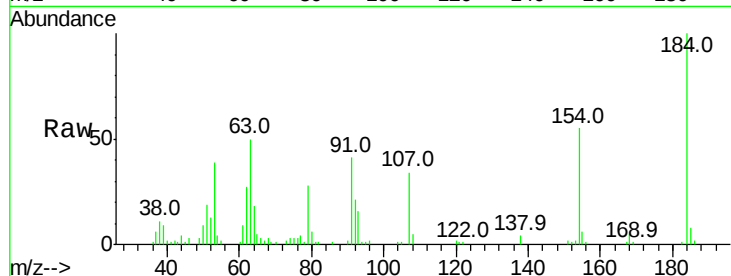
#53
 2,4-Dinitrophenol
 Concen: 32.638 ng
 RT: 14.89 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Instrument :
 BNA_G
 ClientSampled :
 PB103551BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	50.3	59.8	89.8#
154	54.5	101.8	152.8#

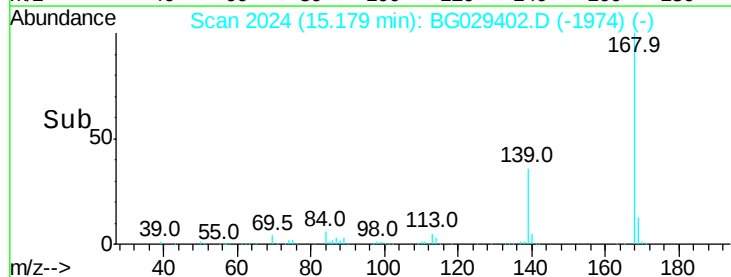
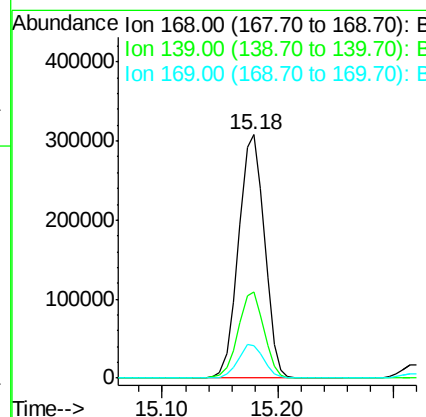
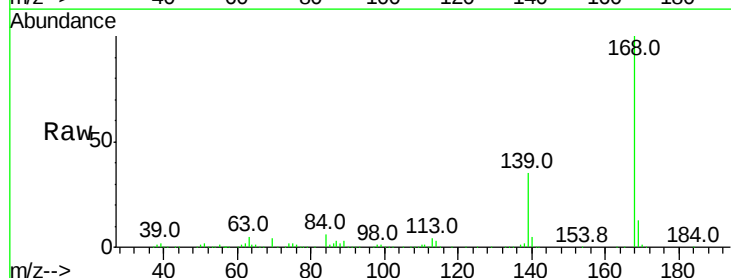
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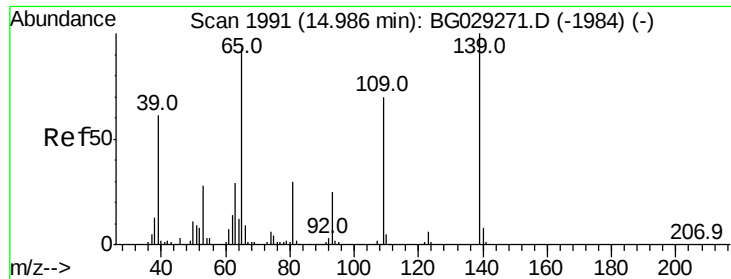
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#54
 Dibenzofuran
 Concen: 30.393 ng
 RT: 15.18 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.4	28.6	43.0
169	13.4	11.2	16.8





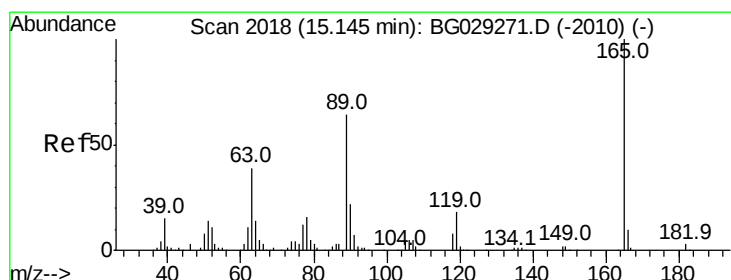
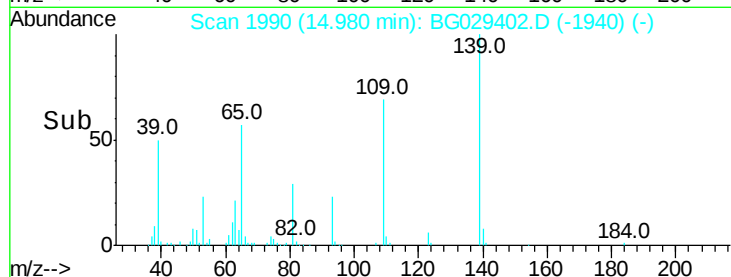
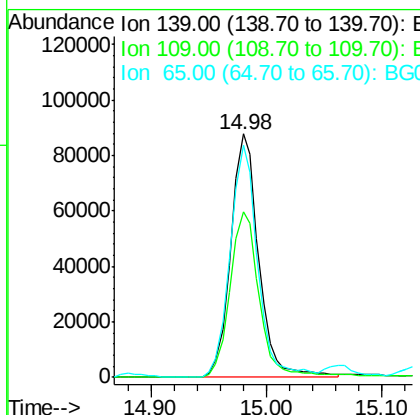
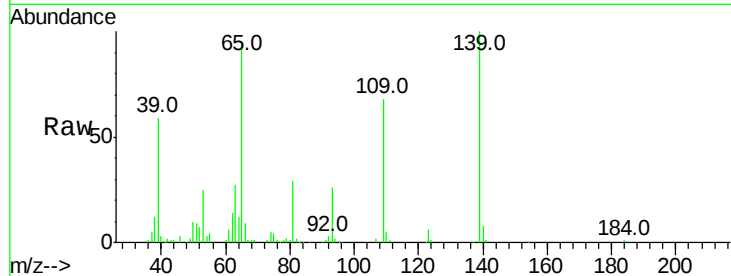
#55
4-Nitrophenol
Concen: 58.761 ng
RT: 14.98 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Instrument :
BNA_G
ClientSampleId :
PB103551BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	147467		
109	67.9	62.2	102.2	
65	95.4	97.2	137.2#	

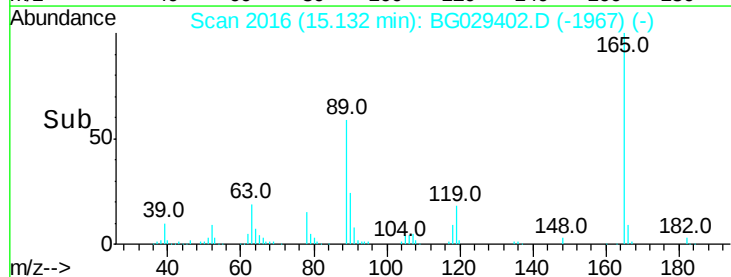
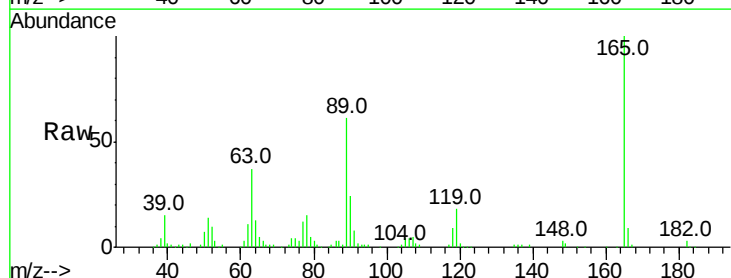
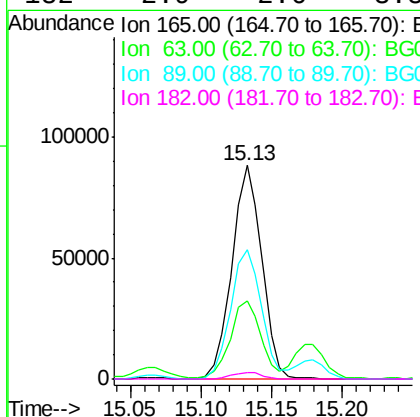
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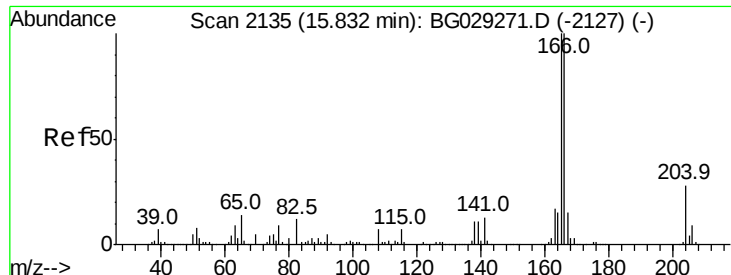
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#56
2,4-Dinitrotoluene
Concen: 33.963 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	129697		
63	36.7	42.0	63.0#	
89	60.5	66.9	100.3#	
182	2.9	2.6	3.8	





#57

Fluorene

Concen: 29.453 ng

RT: 15.83 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

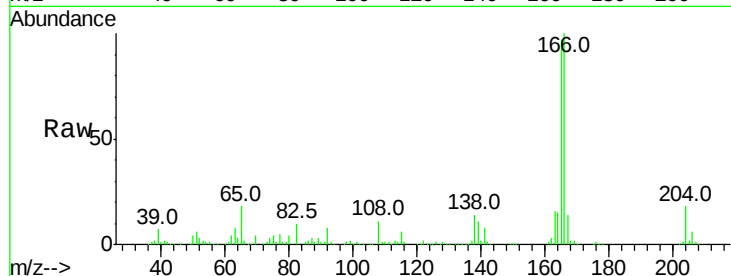
ClientSampleId :

PB103551BS

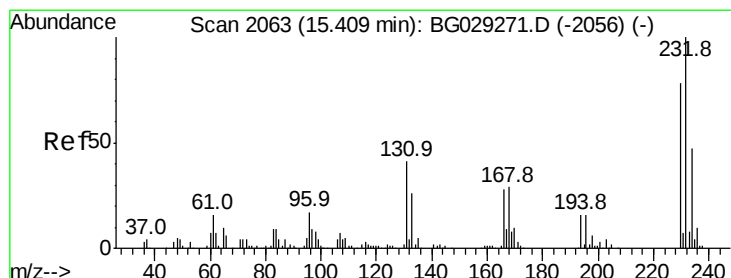
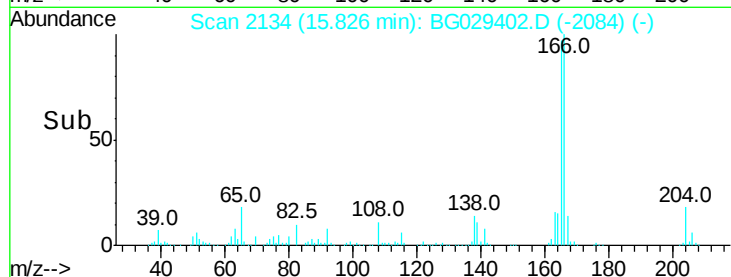
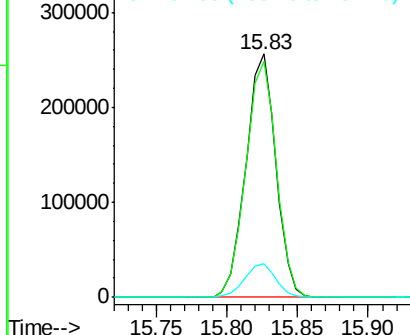
Tot Ion	Ratio	Resp	Lower	Upper
166	100	382468		
165	97.1		80.6	121.0
167	14.1		10.4	15.6

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.437 ng

RT: 15.40 min Scan# 2062

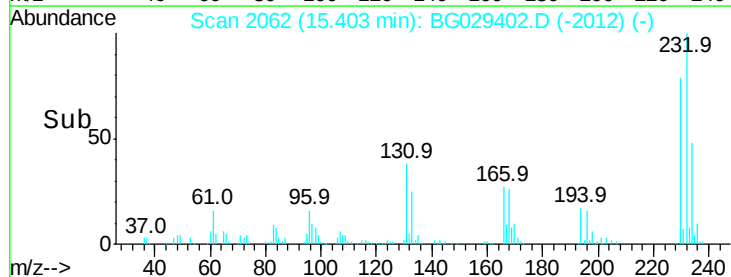
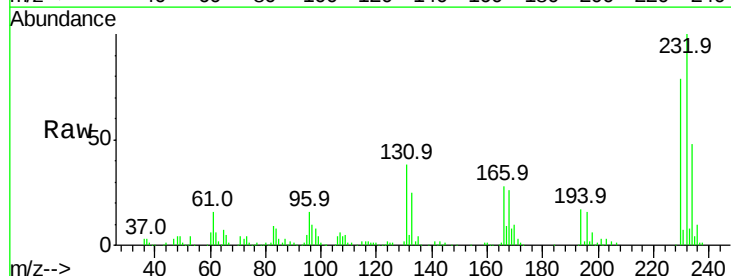
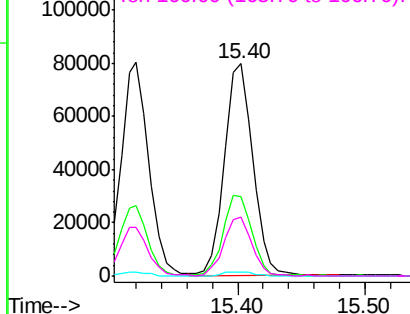
Delta R.T. -0.01 min

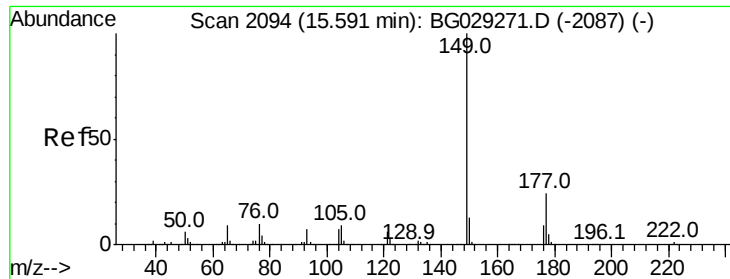
Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	123414		
131	38.8		33.5	50.3
130	2.2		2.2	3.2
166	27.4		24.8	37.2

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





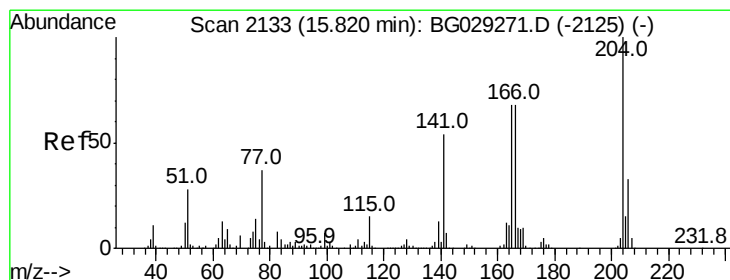
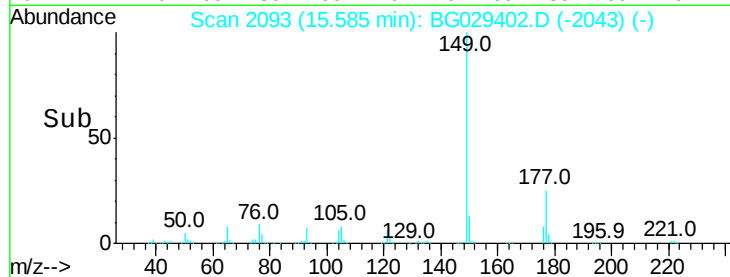
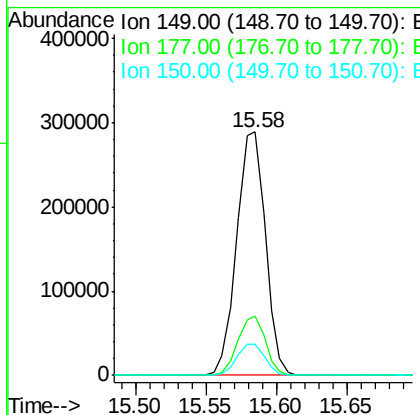
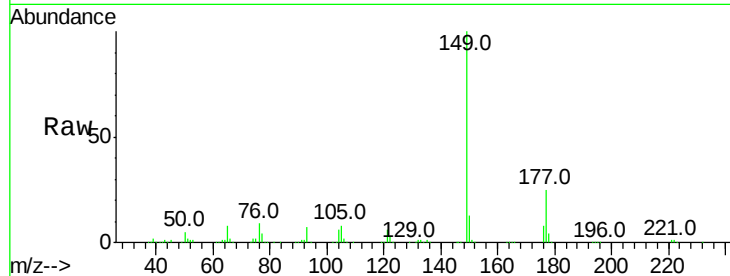
#59
Diethylphthalate
Concen: 30.627 ng
RT: 15.58 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Instrument :
BNA_G
ClientSampleId :
PB103551BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	410751		
177	24.6	18.5	27.7	
150	12.6	10.2	15.2	

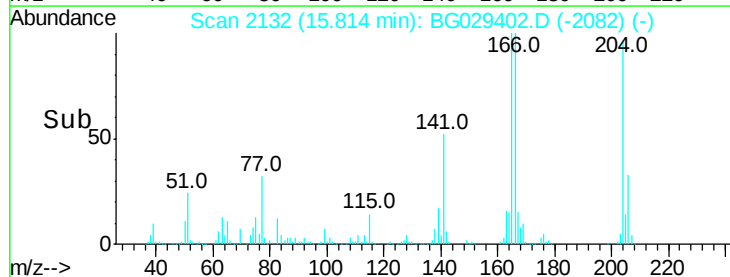
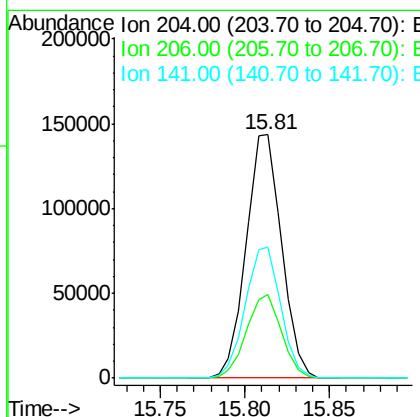
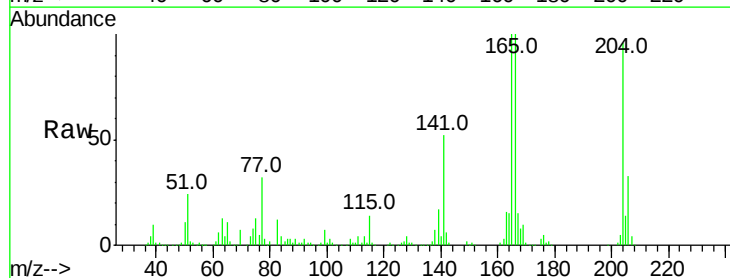
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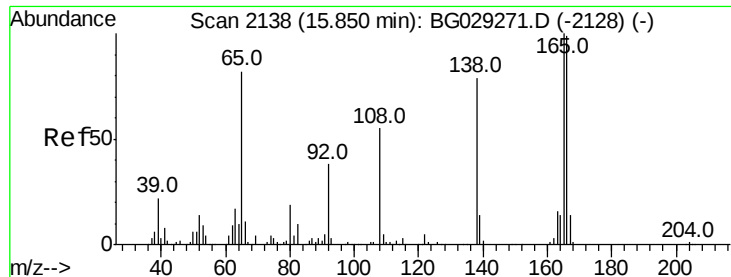
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#60
4-Chlorophenyl-phenylether
Concen: 30.269 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	209567		
206	34.6	26.2	39.2	
141	53.9	45.8	68.6	





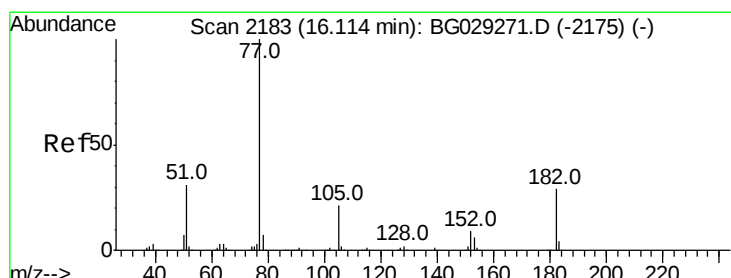
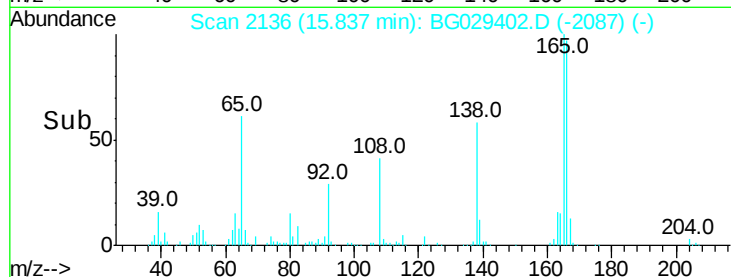
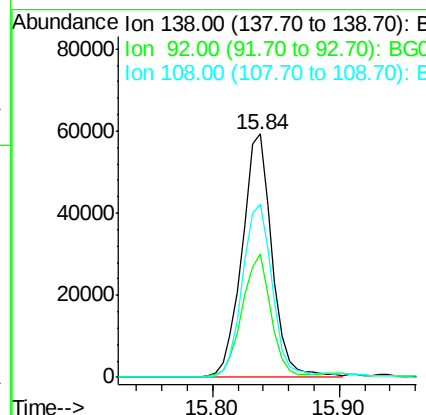
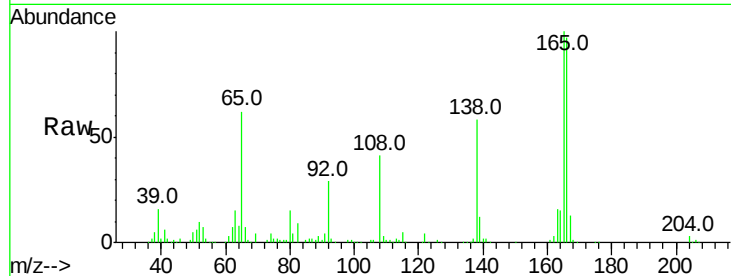
#61
4-Nitroaniline
Concen: 31.129 ng
RT: 15.84 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Instrument :
BNA_G
ClientSampleId :
PB103551BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.6	40.1	80.1
108	71.3	65.4	105.4

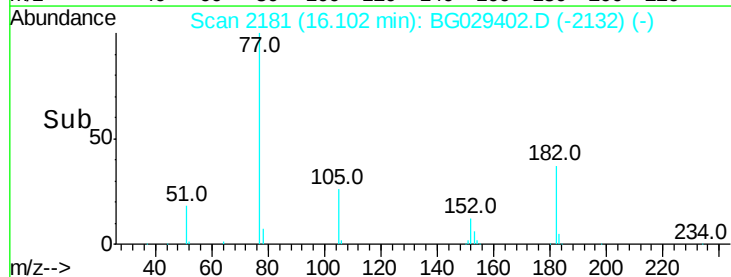
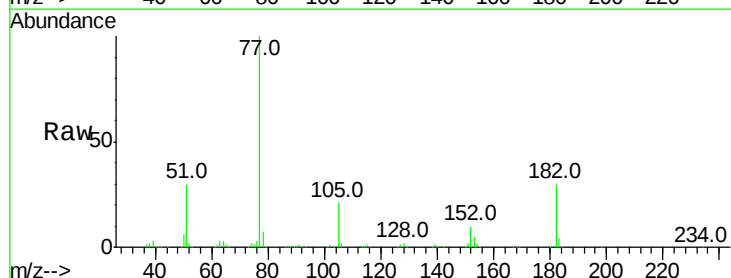
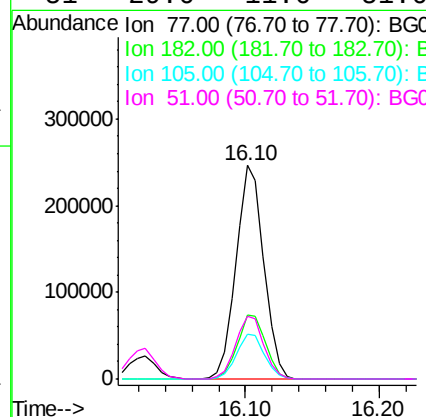
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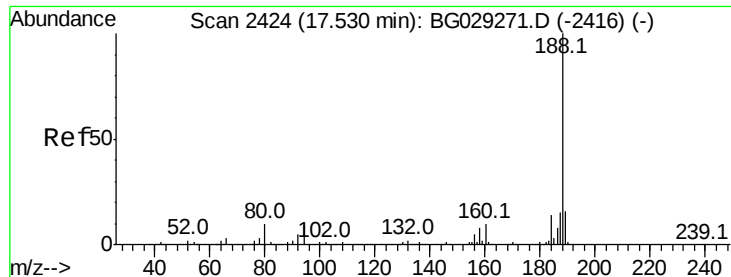
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#62
Azobenzene
Concen: 31.397 ng
RT: 16.10 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.8	7.4	47.4
105	20.7	0.3	40.3
51	29.6	11.6	51.6





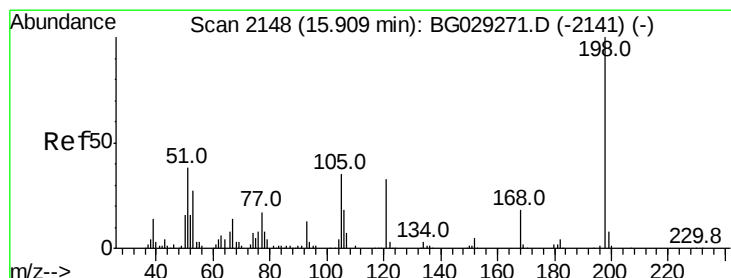
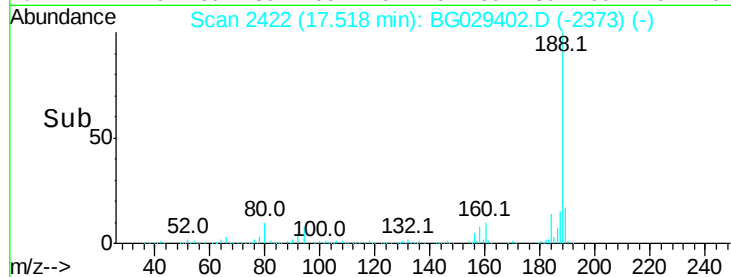
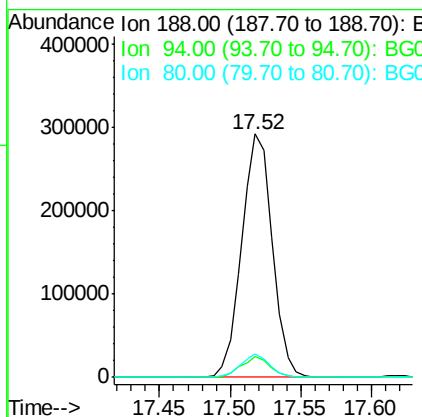
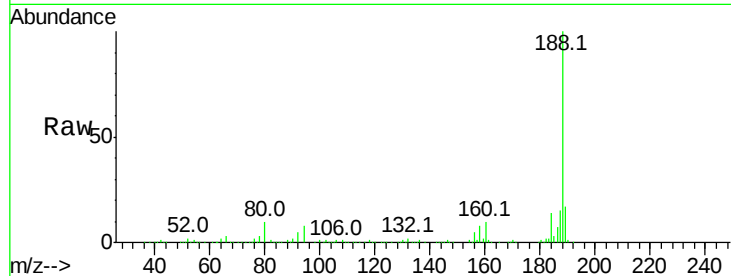
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Instrument :
BNA_G
ClientSampleId :
PB103551BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.4	6.9	10.3
80	9.7	7.7	11.5

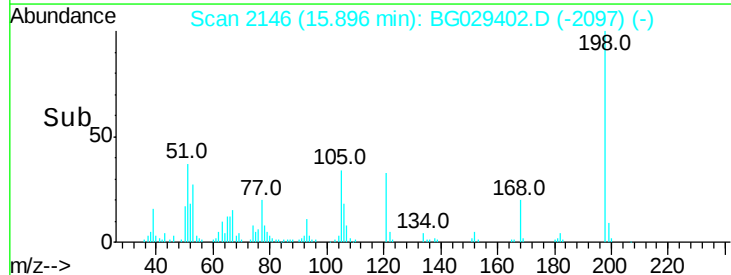
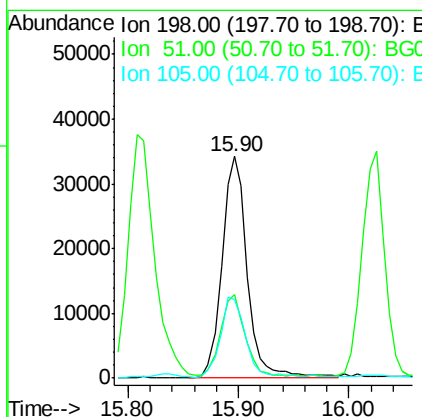
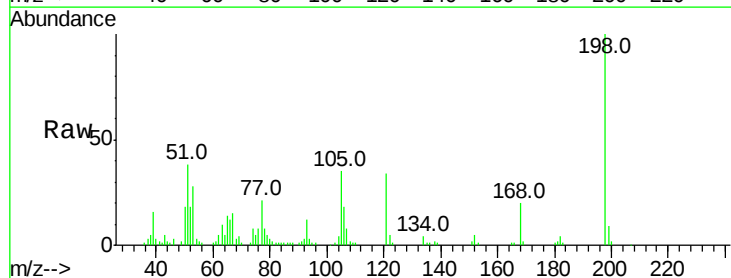
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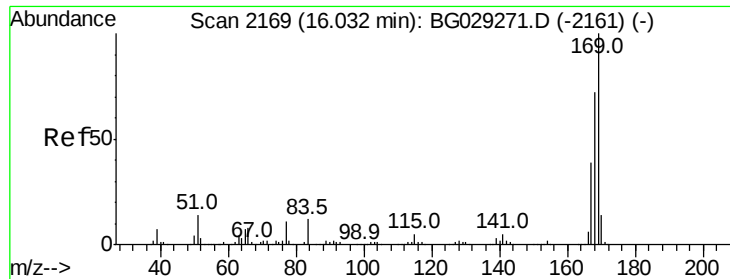
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 24.435 ng
RT: 15.90 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	37.9	30.6	70.6
105	35.5	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 26.775 ng

RT: 16.03 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

ClientSampleId :

PB103551BS

Tot Ion:169 Resp: 354968

Ion Ratio Lower Upper

169 100

168 71.3 55.7 83.5

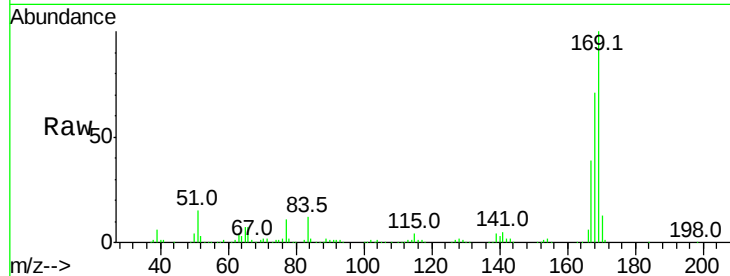
167 38.7 30.1 45.1

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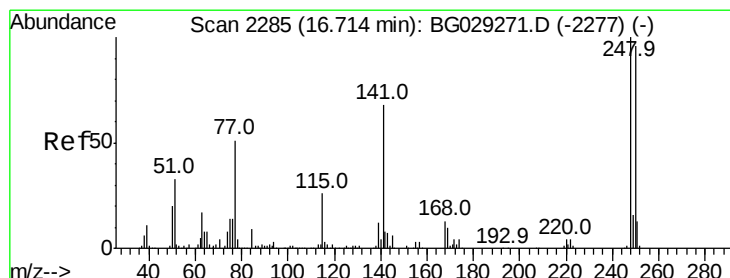
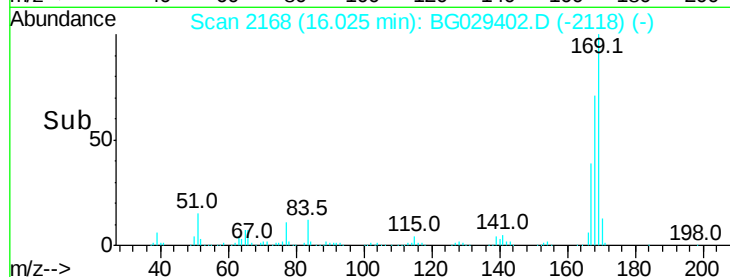
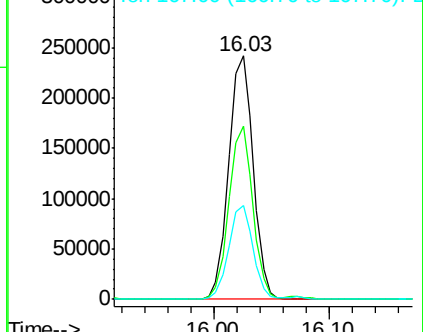
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 27.610 ng

RT: 16.71 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

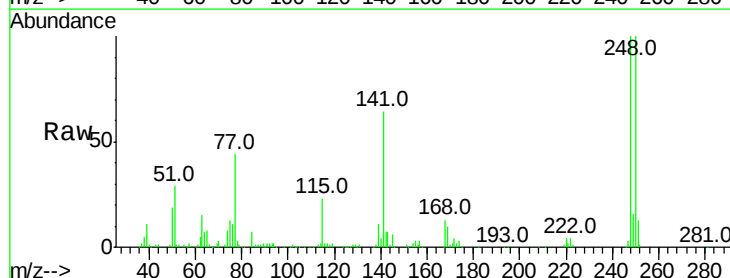
Tgt Ion:248 Resp: 140214

Ion Ratio Lower Upper

248 100

250 99.8 77.1 115.7

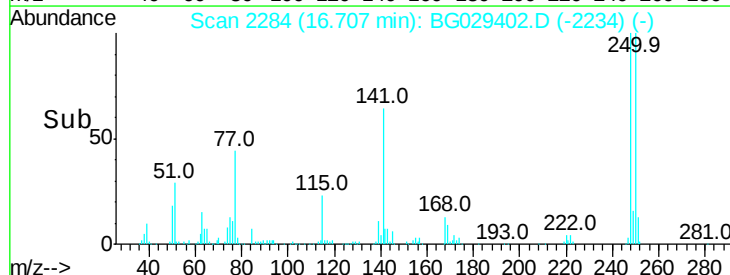
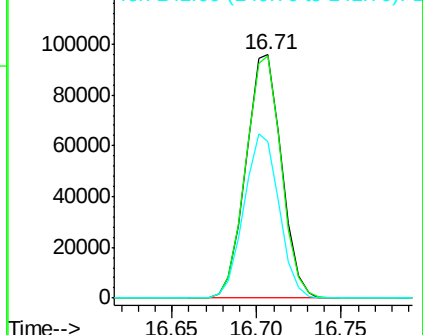
141 64.3 50.8 76.2

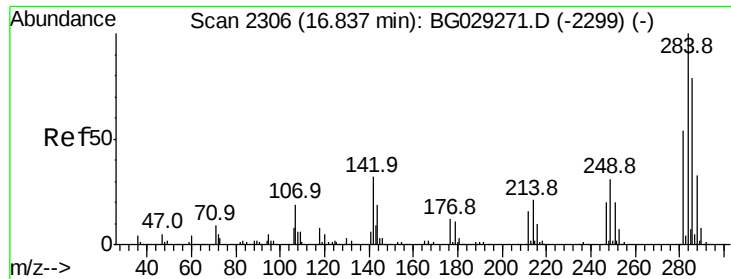


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





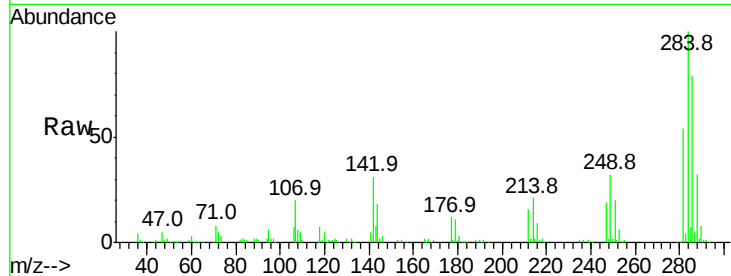
#67
Hexachlorobenzene
Concen: 26.320 ng
RT: 16.82 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Instrument :
BNA_G
ClientSampled :
PB103551BS

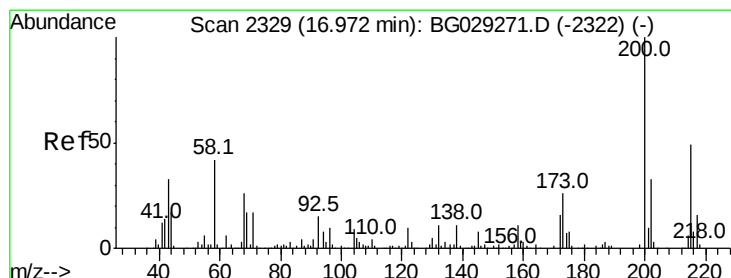
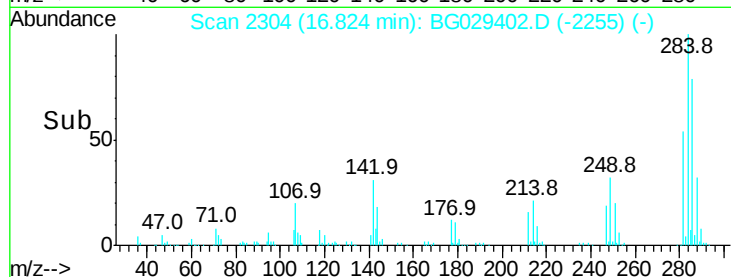
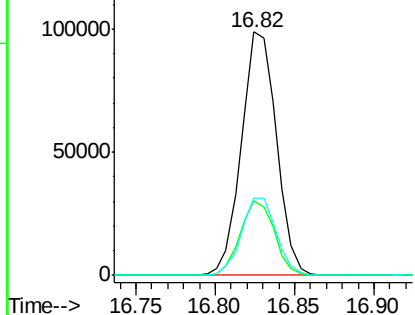
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	30.9	26.8	40.2	
249	31.9	26.3	39.5	

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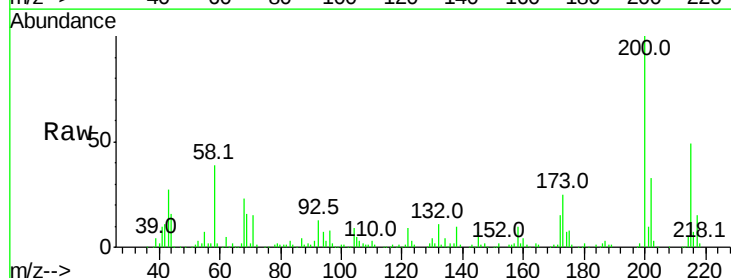


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

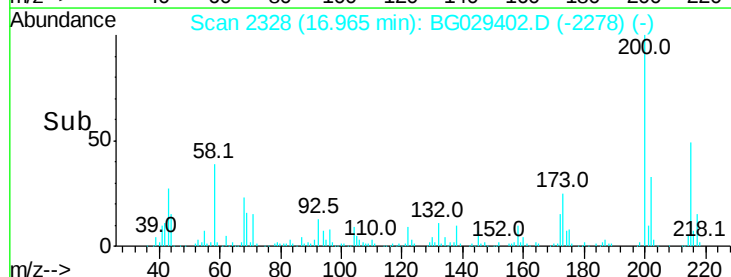
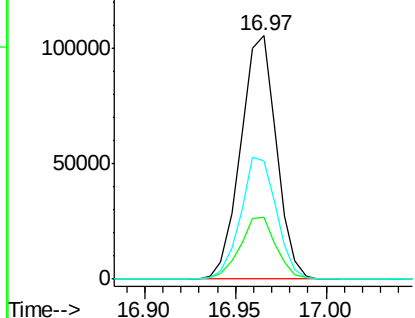


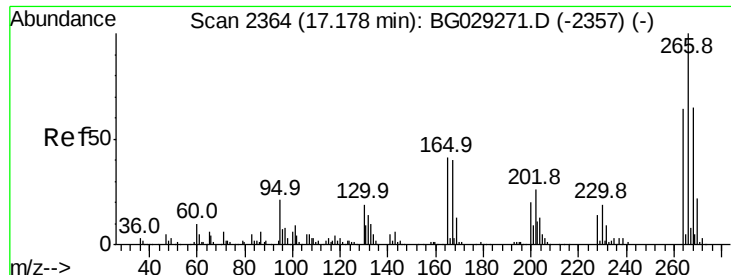
#68
Atrazine
Concen: 30.651 ng
RT: 16.97 min Scan# 2328
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.2	5.2	45.2	
215	48.7	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





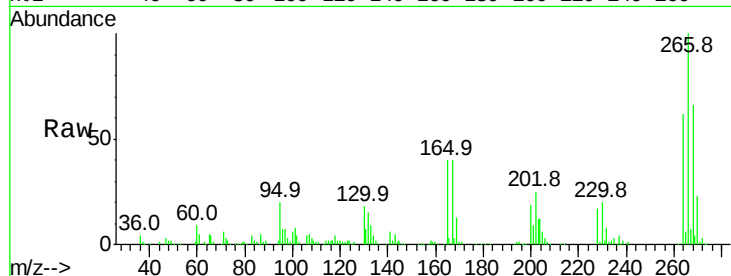
#69
 Pentachlorophenol
 Concen: 51.905 ng
 RT: 17.17 min Scan# 2363
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB103551BS

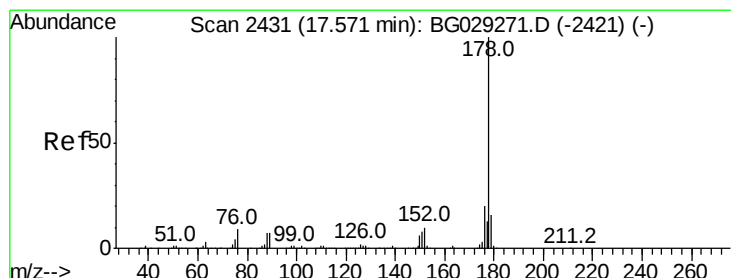
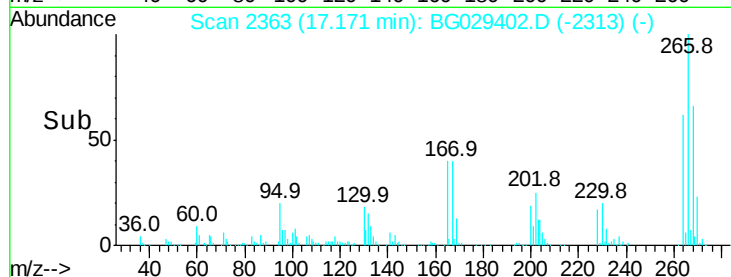
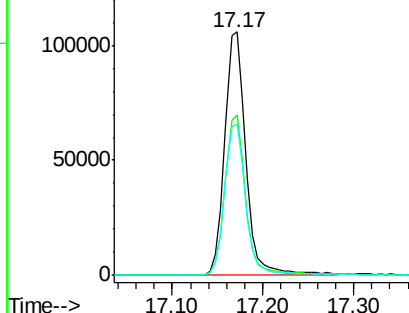
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.0	51.1	76.7
264	62.0	49.6	74.4

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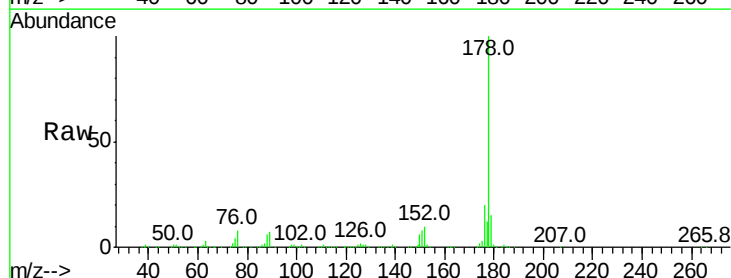


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

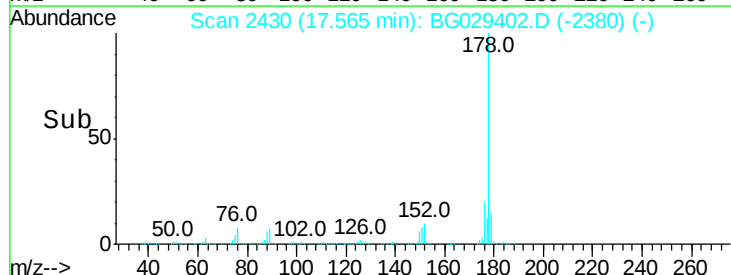
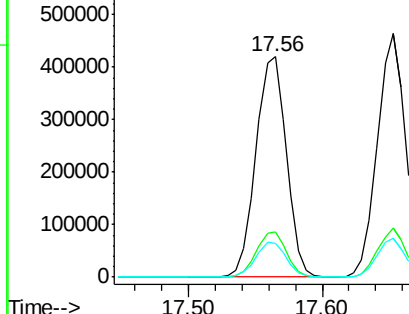


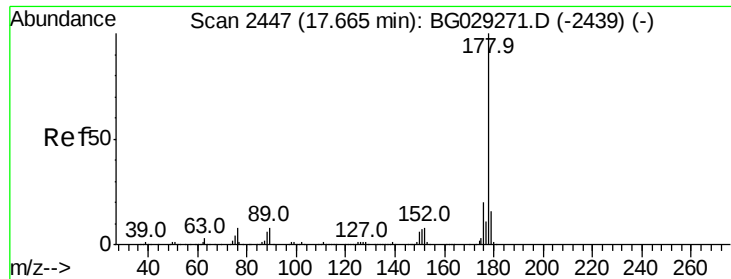
#70
 Phenanthrene
 Concen: 28.853 ng
 RT: 17.56 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.7	23.5
179	15.3	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: 29.716 ng

RT: 17.65 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

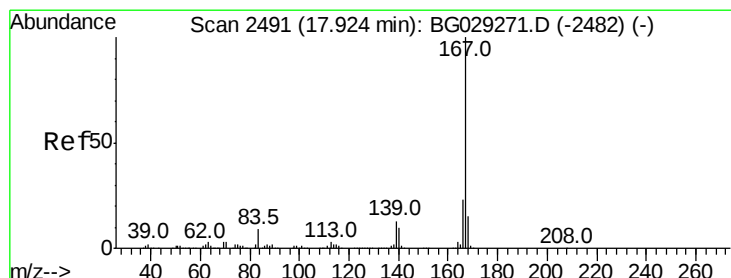
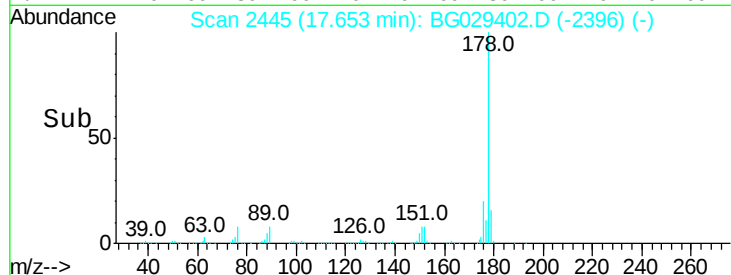
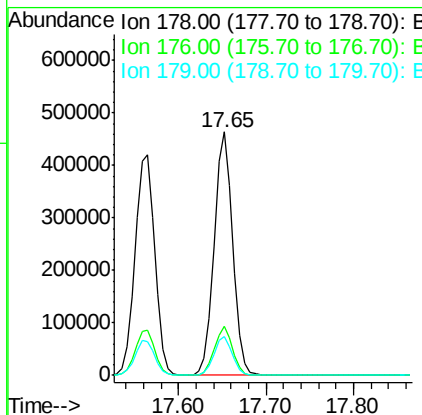
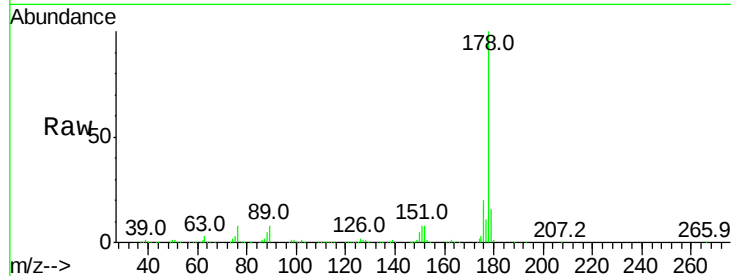
ClientSampleId :

PB103551BS

Tot Ion:	178	Resp:	682196
Ion Ratio	Lower	Upper	
178	100		
176	19.9	16.0	24.0
179	15.8	12.5	18.7

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#72

Carbazole

Concen: 28.660 ng

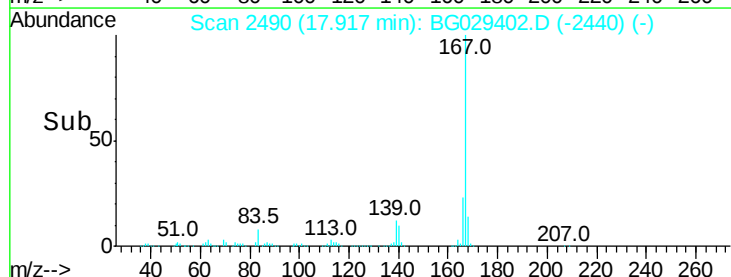
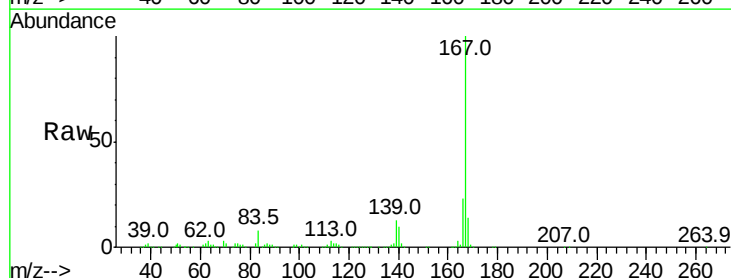
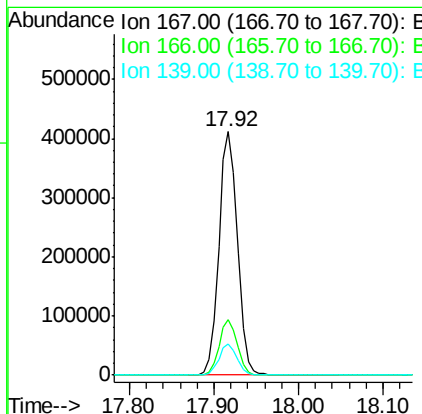
RT: 17.92 min Scan# 2490

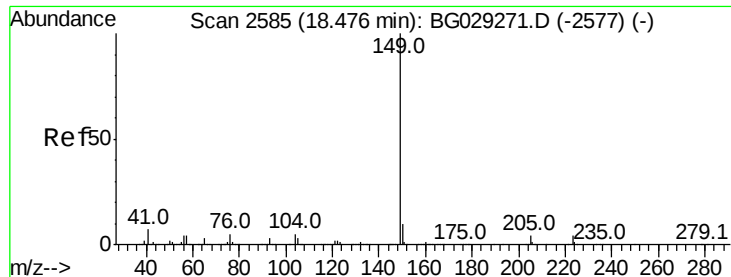
Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Tgt Ion:	167	Resp:	632044
Ion Ratio	Lower	Upper	
167	100		
166	22.5	18.2	27.4
139	12.5	9.4	14.2





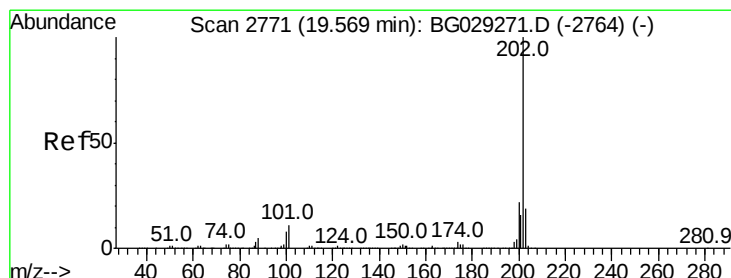
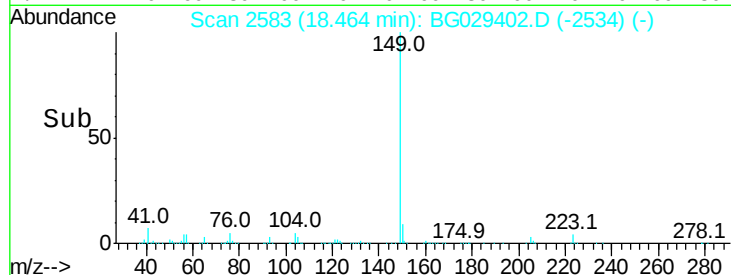
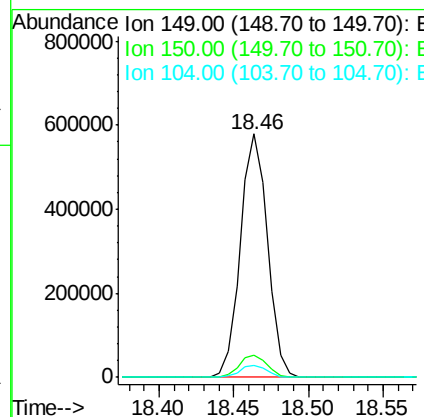
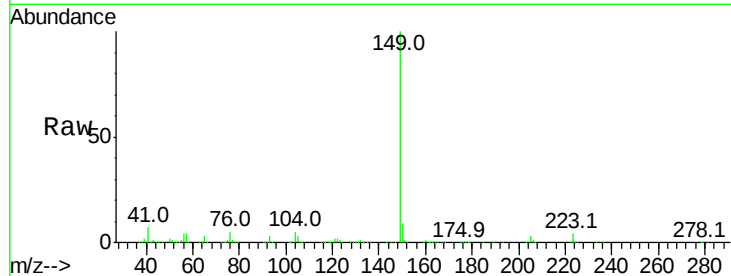
#73
Di-n-butylphthalate
Concen: 28.851 ng
RT: 18.46 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Instrument :
BNA_G
ClientSampleId :
PB103551BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.2	7.8	11.6
104	4.8	3.9	5.9

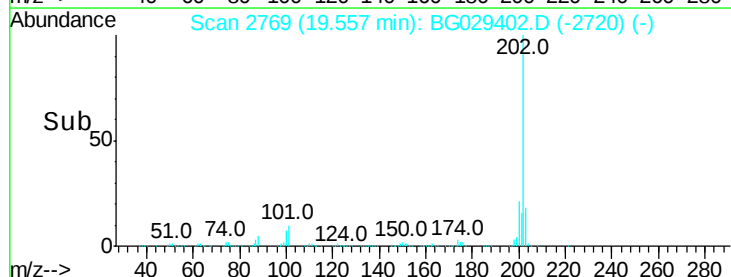
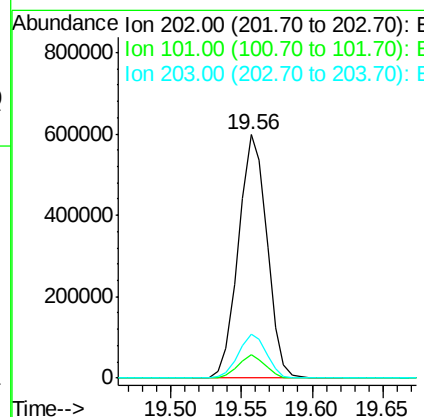
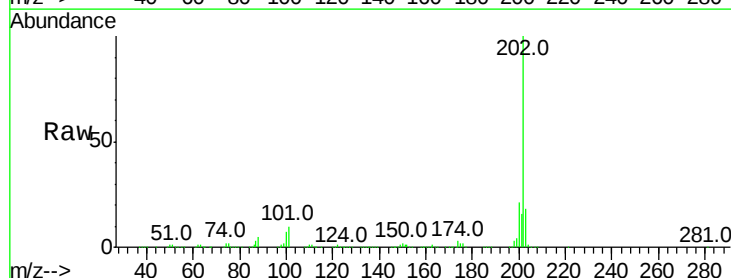
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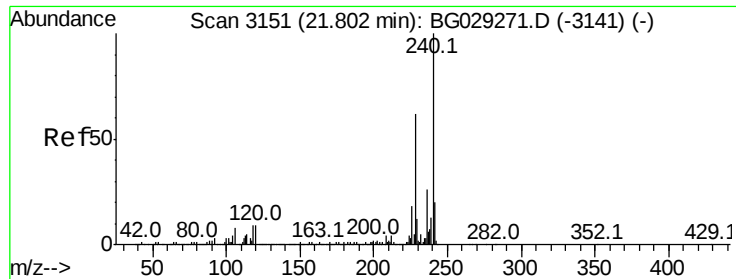
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#74
Fluoranthene
Concen: 31.455 ng
RT: 19.56 min Scan# 2769
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.5	0.0	28.9
203	18.2	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

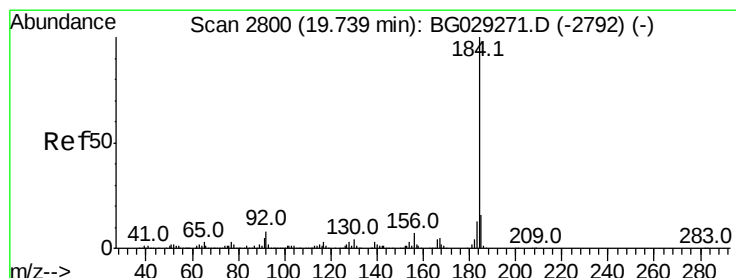
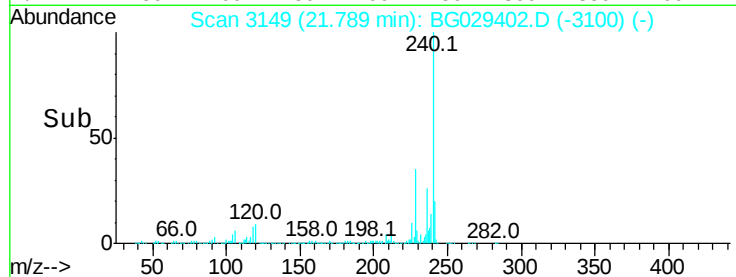
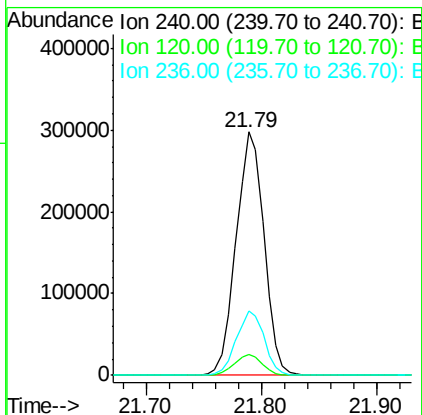
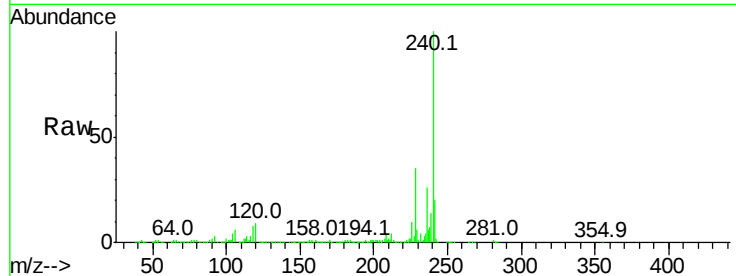
ClientSampleId :

PB103551BS

Tot Ion:	240	Resp:	500330
Ion Ratio	Lower	Upper	
240	100		
120	8.6	6.8	10.2
236	26.3	20.9	31.3

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#76

Benzidine

Concen: 21.632 ng

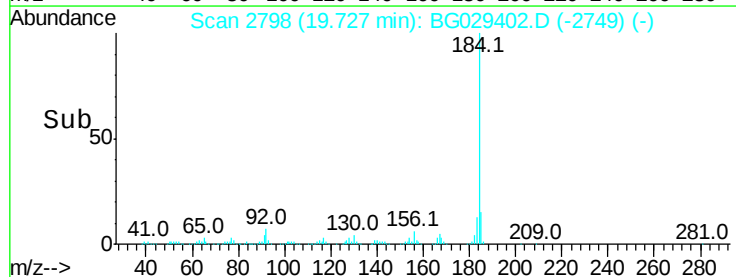
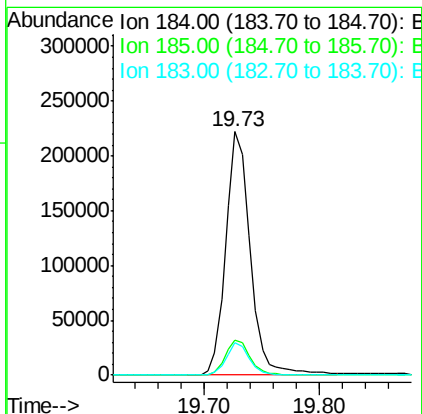
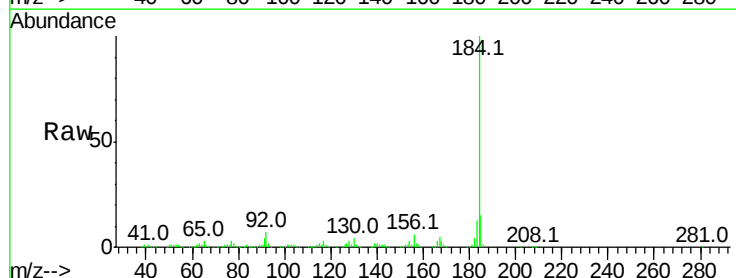
RT: 19.73 min Scan# 2798

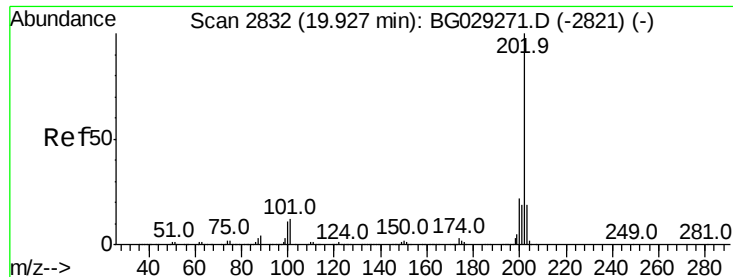
Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Tgt Ion:	184	Resp:	326796
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.1	16.7
183	13.1	10.6	16.0





#77

Pvrene

Concen: 28.627 ng

RT: 19.92 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

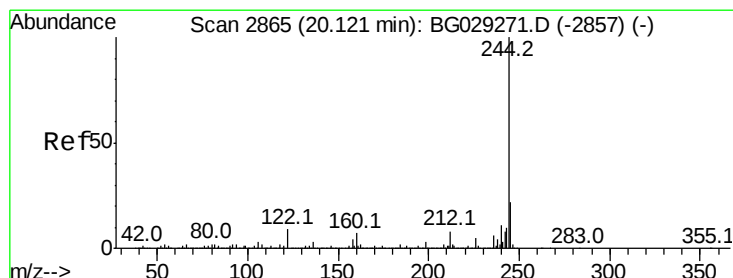
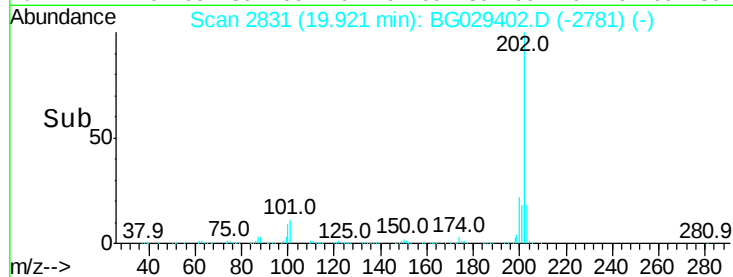
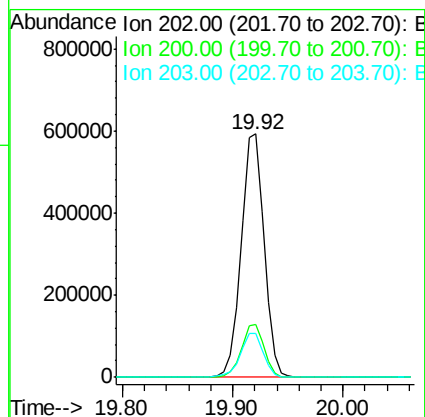
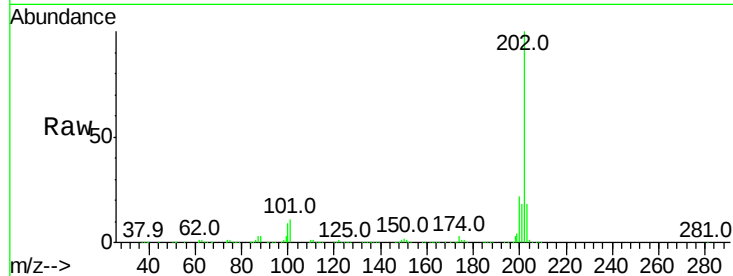
ClientSampleId :

PB103551BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.6	16.9	25.3	
203	18.1	13.9	20.9	

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#78

Terphenyl-d14

Concen: 56.758 ng

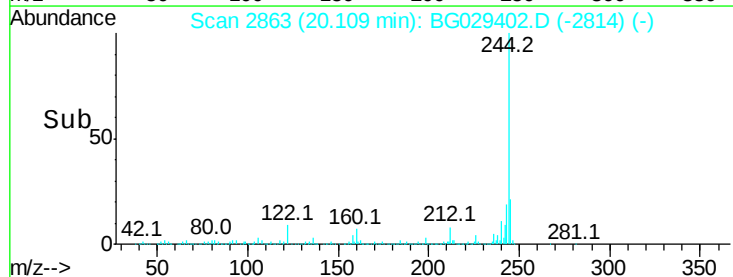
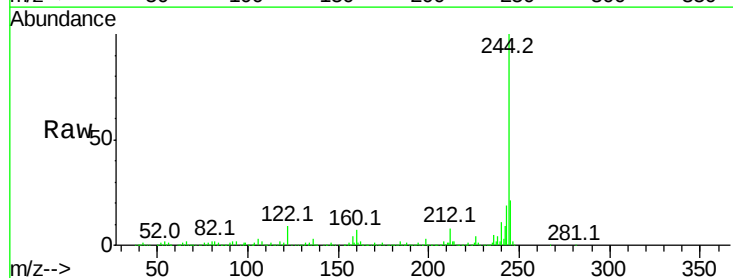
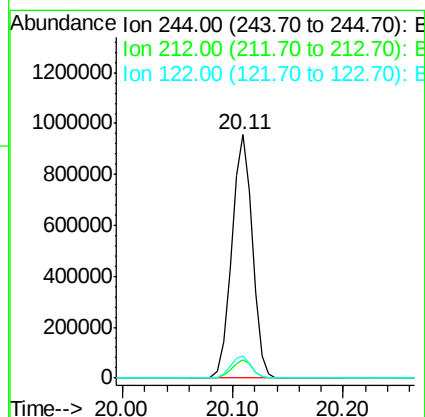
RT: 20.11 min Scan# 2863

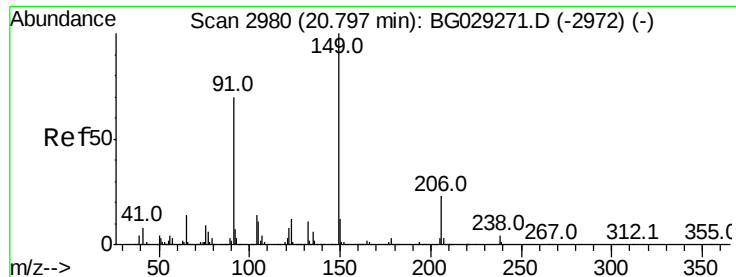
Delta R.T. -0.01 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.7	5.8	8.8	
122	9.0	7.0	10.4	





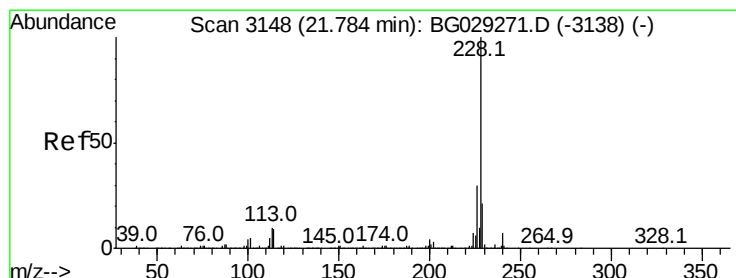
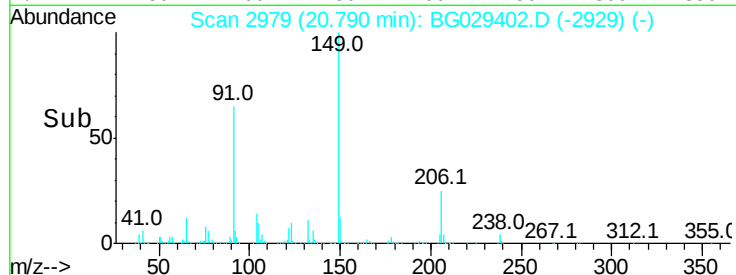
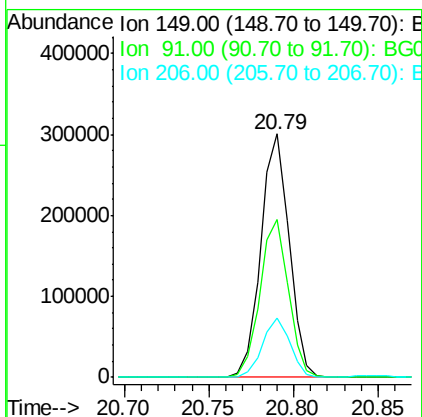
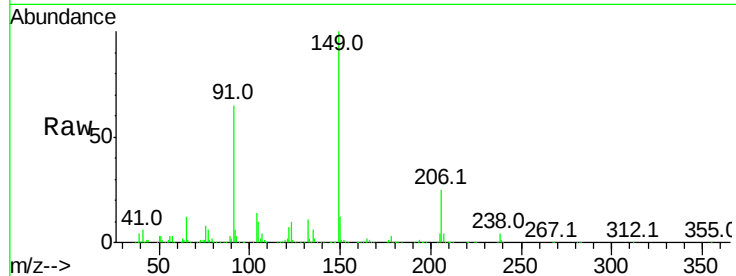
#79
Butylbenzylphthalate
Concen: 27.003 ng
RT: 20.79 min Scan# 2979
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Instrument :
BNA_G
ClientSampleId :
PB103551BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	64.6	62.2	93.2	
206	24.6	18.6	27.8	

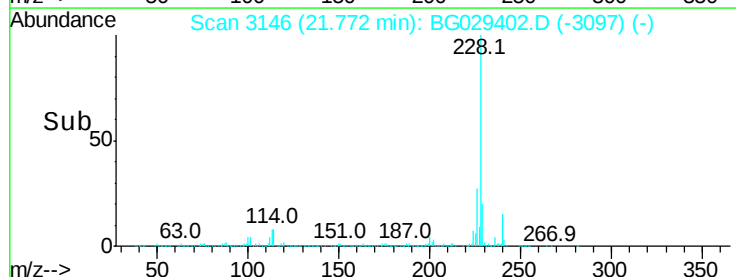
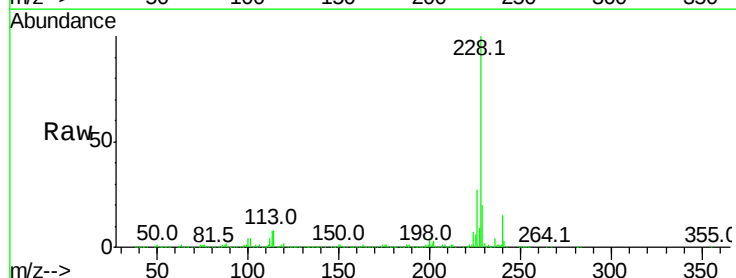
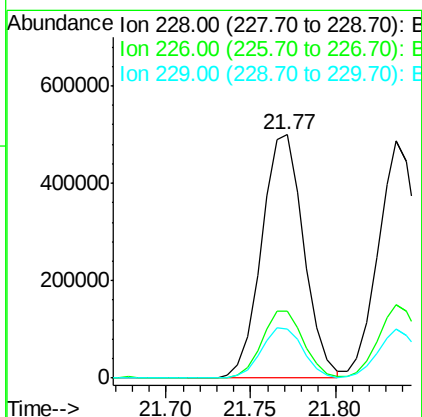
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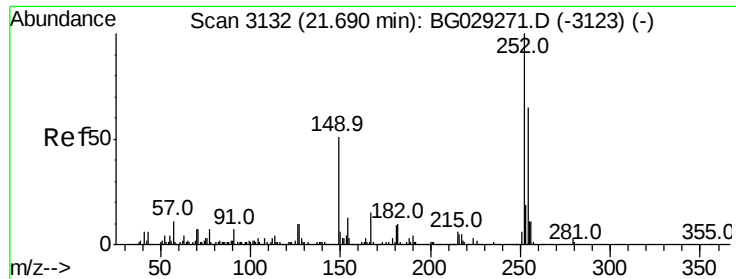
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#80
Benzo(a)anthracene
Concen: 29.466 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG029402.D
Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.4	22.7	34.1	
229	20.2	16.2	24.2	





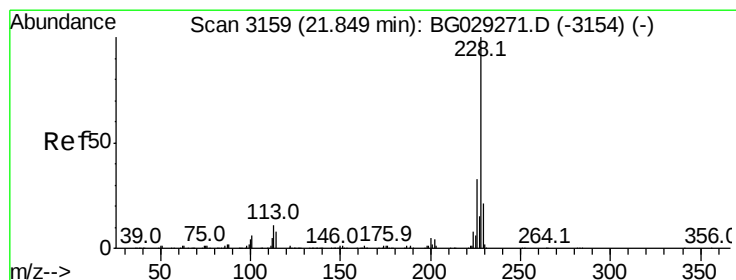
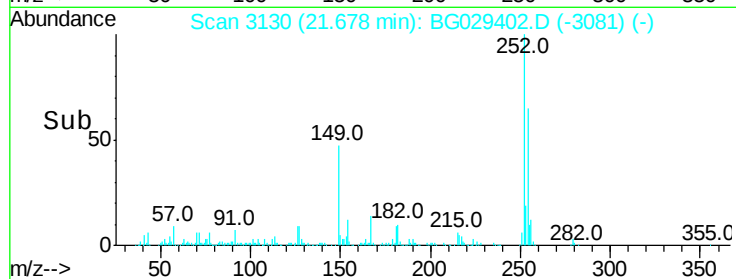
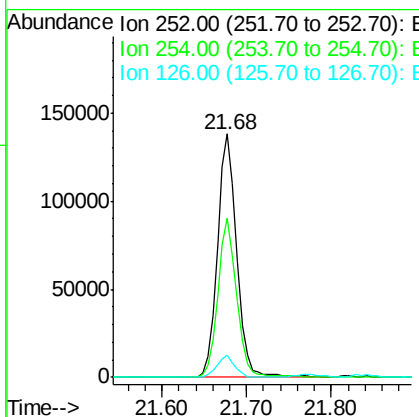
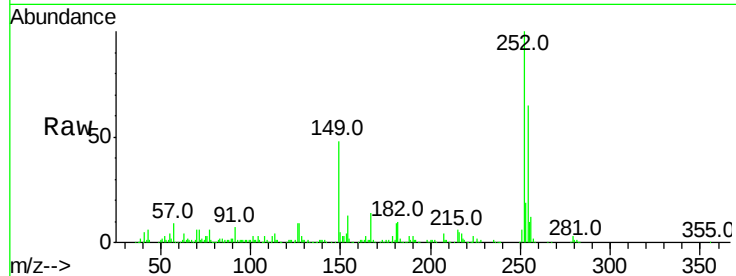
#81
 3,3'-Dichlorobenzidine
 Concen: 18.168 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB103551BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.3	50.8	76.2
126	9.2	7.4	11.2

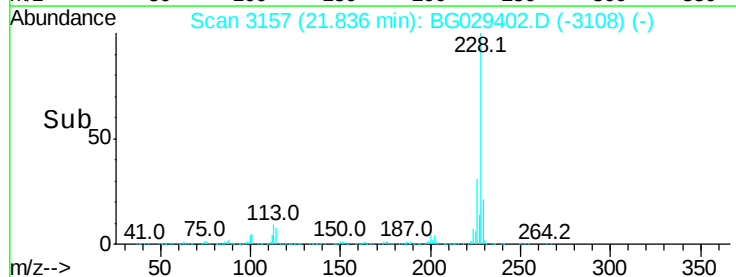
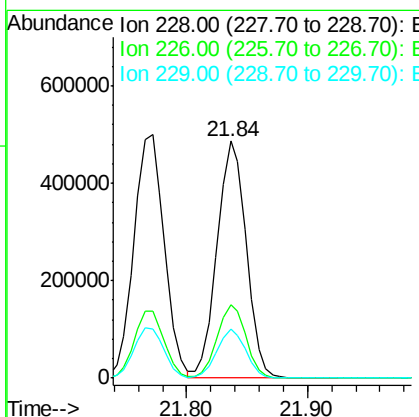
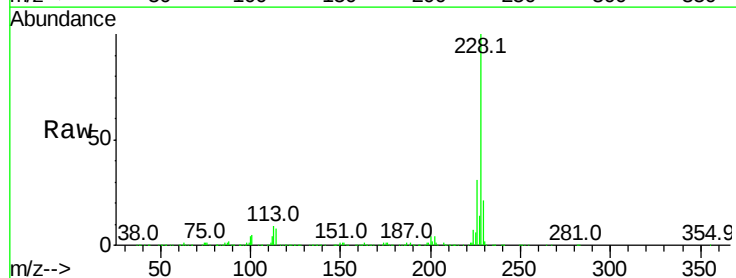
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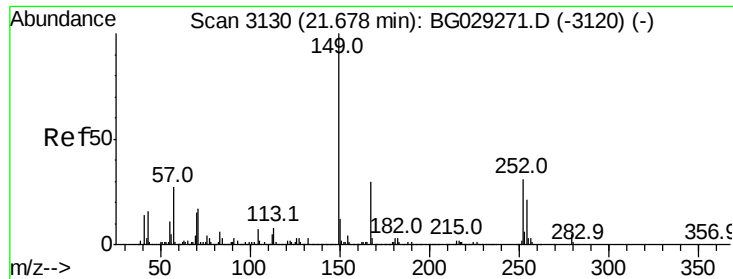
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#82
 Chrysene
 Concen: 28.754 ng
 RT: 21.84 min Scan# 3157
 Delta R.T. -0.01 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.6	15.0	22.4





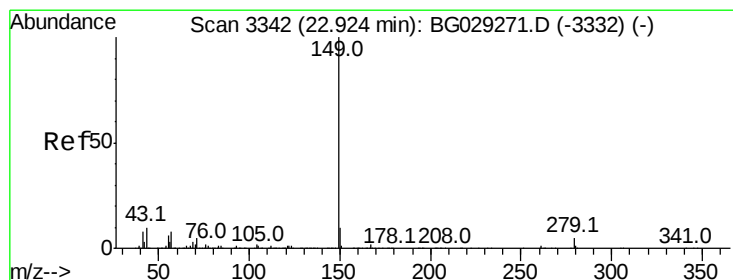
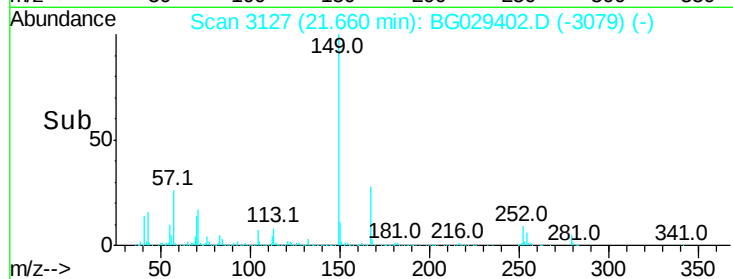
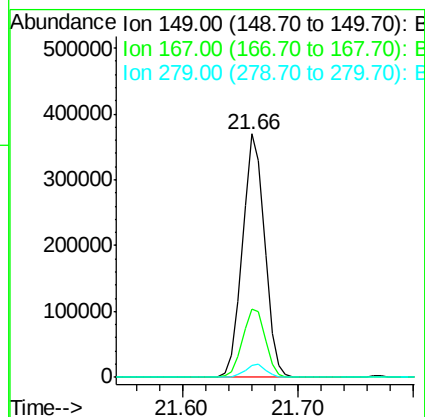
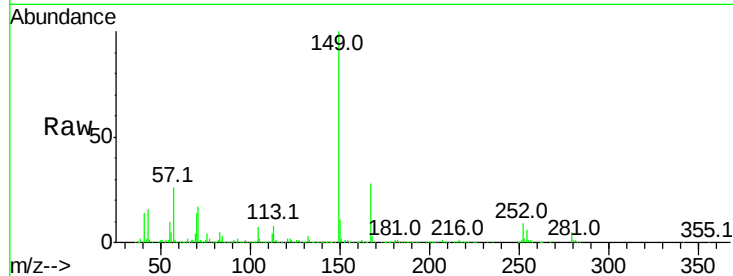
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 26.515 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.02 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Instrument :
 BNA_G
 ClientSampled :
 PB103551BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	492044		
167	28.2	24.3	36.5	
279	4.9	4.0	6.0	

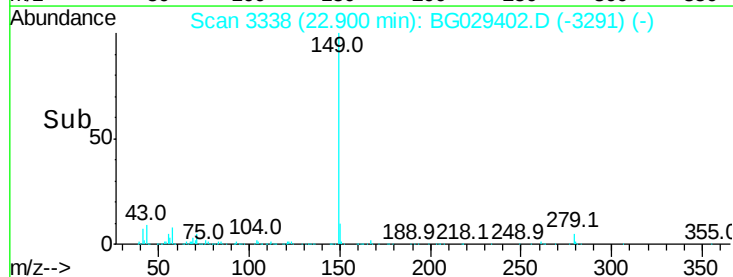
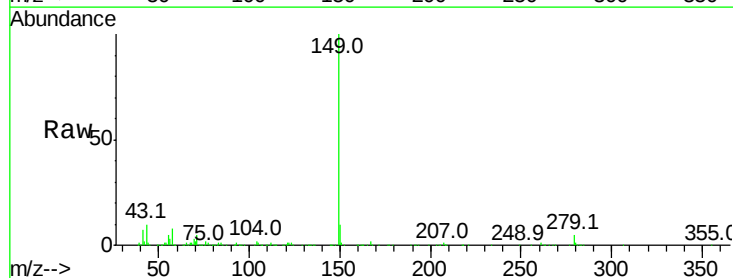
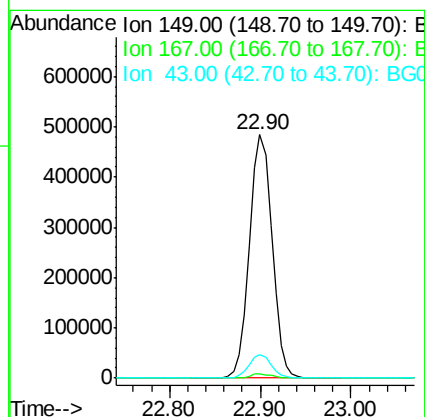
Manual Integrations
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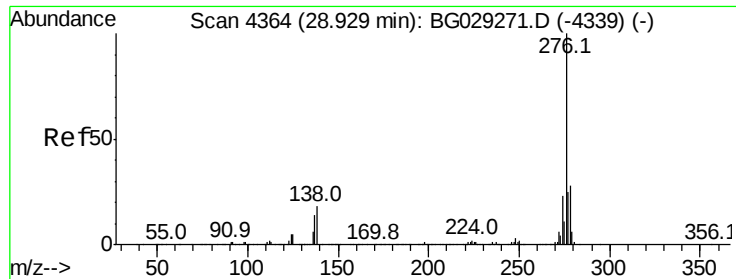
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#84
 Di-n-octyl phthalate
 Concen: 25.980 ng
 RT: 22.90 min Scan# 3338
 Delta R.T. -0.02 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	840275		
167	1.7	1.4	2.0	
43	9.6	8.9	13.3	





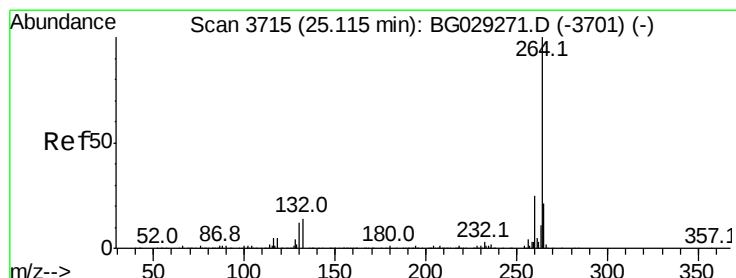
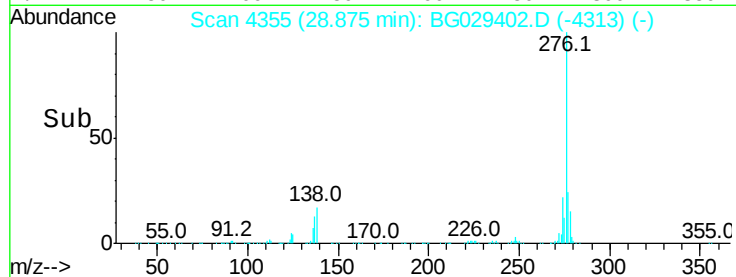
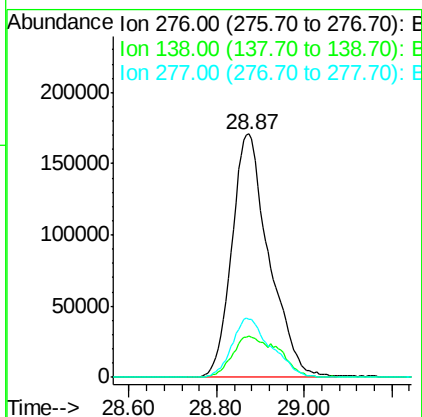
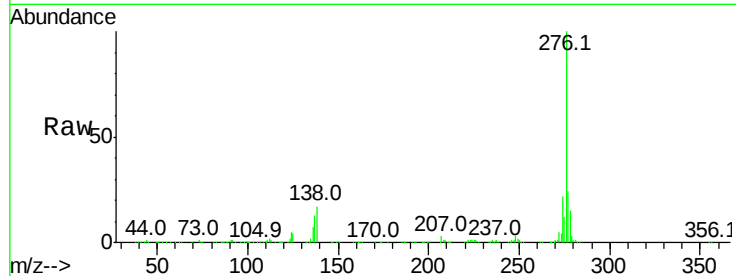
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.453 ng
 RT: 28.87 min Scan# 4355
 Delta R.T. -0.05 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB103551BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.5	16.0	24.0#
277	25.6	20.0	30.0

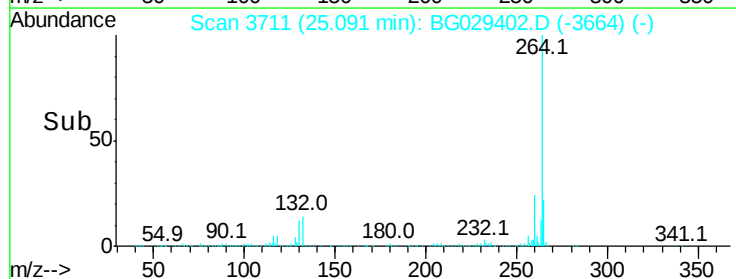
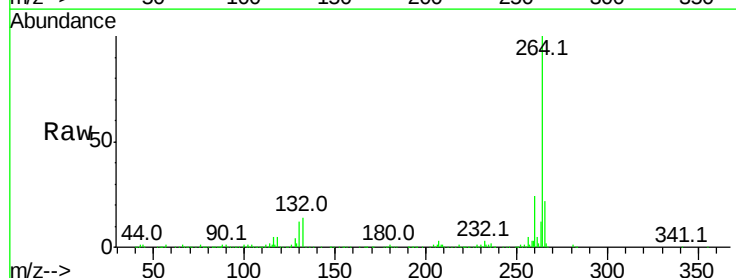
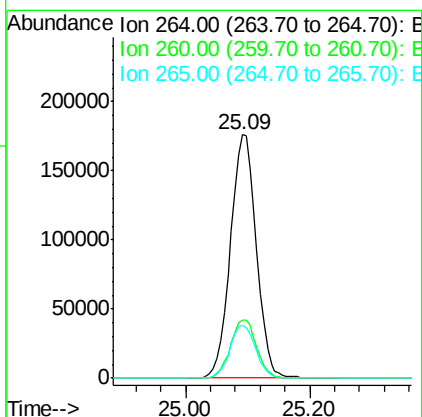
Manual Integrations
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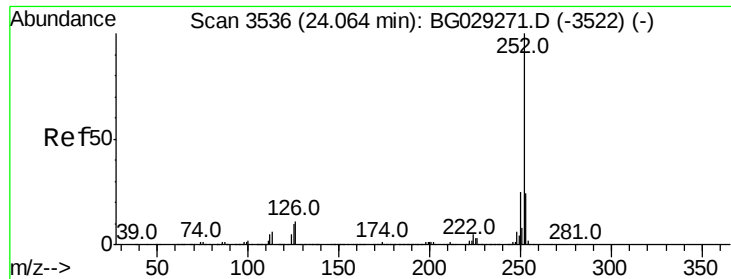
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.09 min Scan# 3711
 Delta R.T. -0.02 min
 Lab File: BG029402.D
 Acq: 23 Oct 2017 16:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.8	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 29.045 ng

RT: 24.04 min Scan# 3532

Delta R.T. -0.02 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

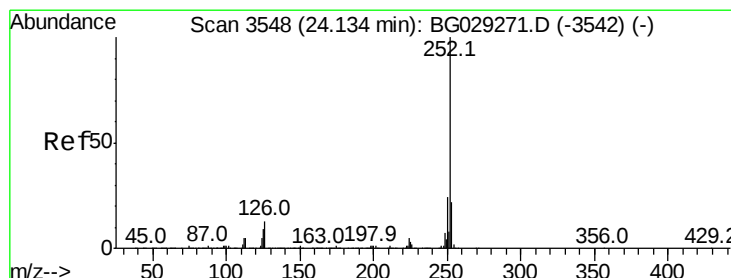
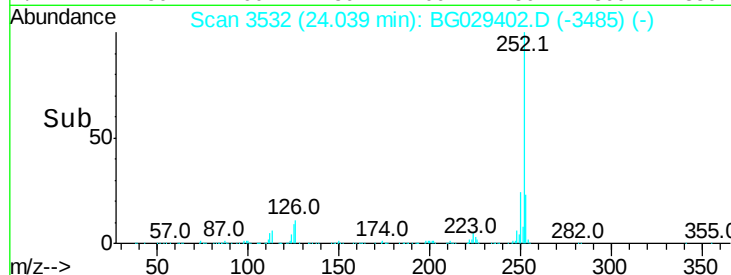
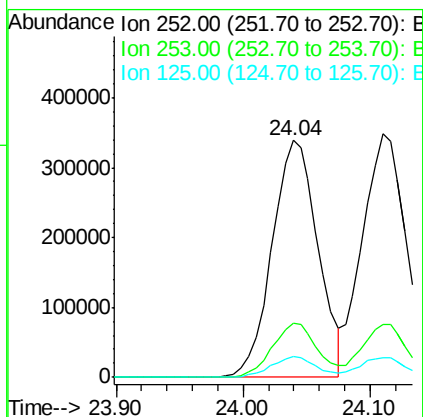
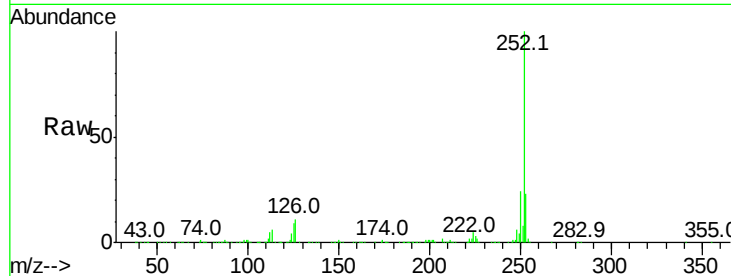
ClientSampleId :

PB103551BS

Tot Ion:	252	Resp:	851164
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.2	27.4
125	8.8	7.2	10.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 28.886 ng

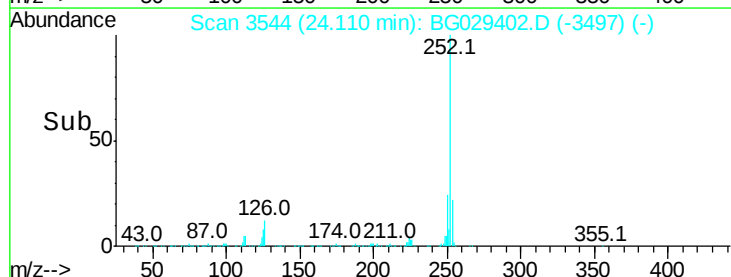
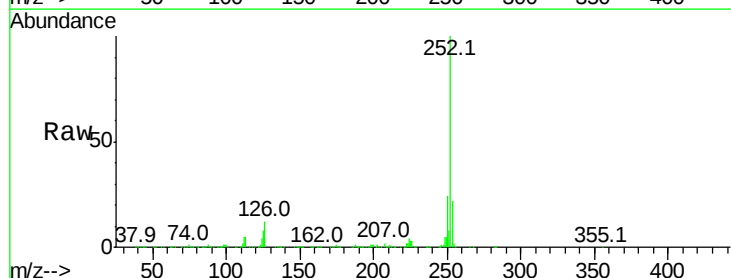
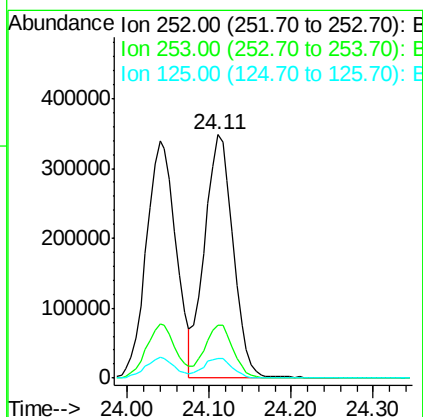
RT: 24.11 min Scan# 3544

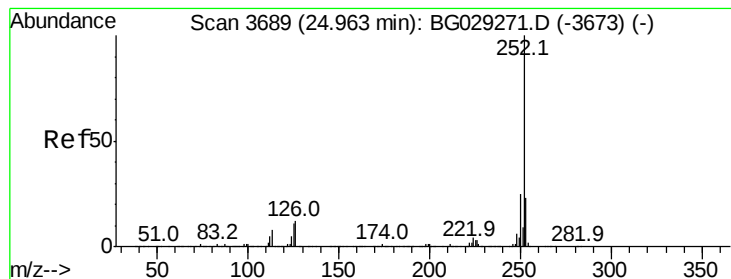
Delta R.T. -0.02 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Tgt Ion:	252	Resp:	843341
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.4	26.2
125	8.3	6.6	9.8





#89

Benzo(a)pyrene

Concen: 29.364 ng

RT: 24.93 min Scan# 3684

Delta R.T. -0.03 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

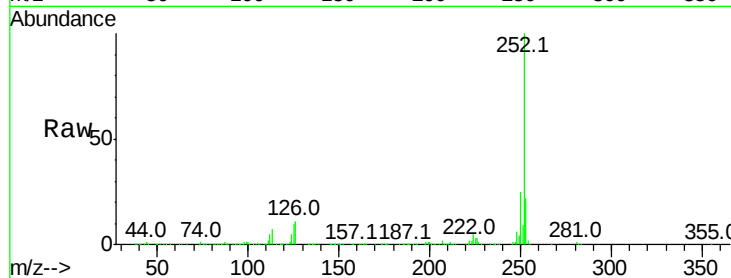
ClientSampleId :

PB103551BS

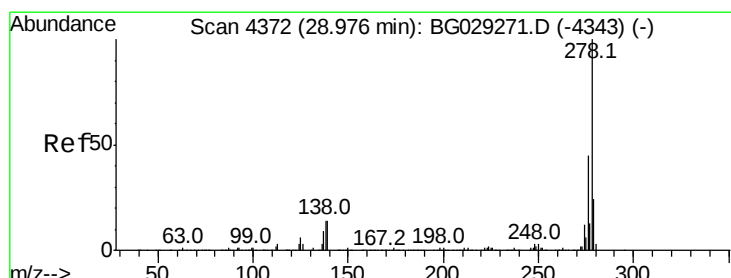
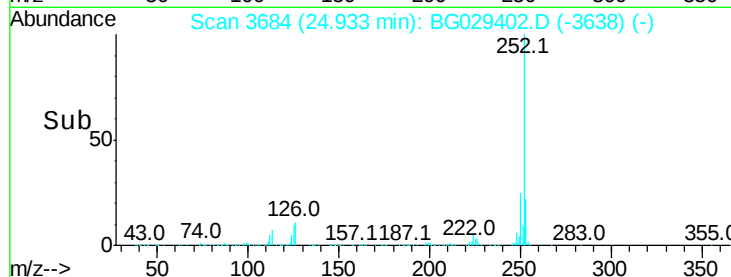
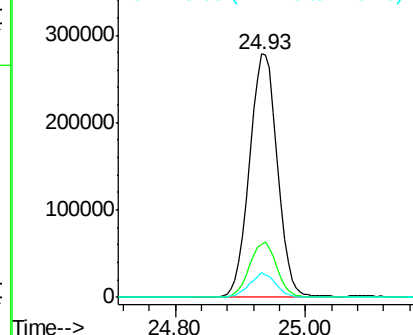
Tot Ion:	252	Resp:	827262
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.3	27.5
125	10.0	7.3	10.9

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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



#90

Dibenzo(a,h)anthracene

Concen: 29.134 ng

RT: 28.94 min Scan# 4366

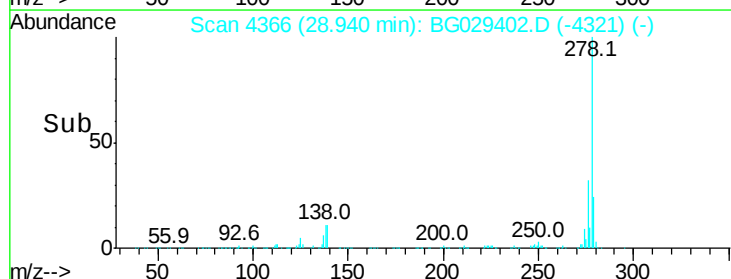
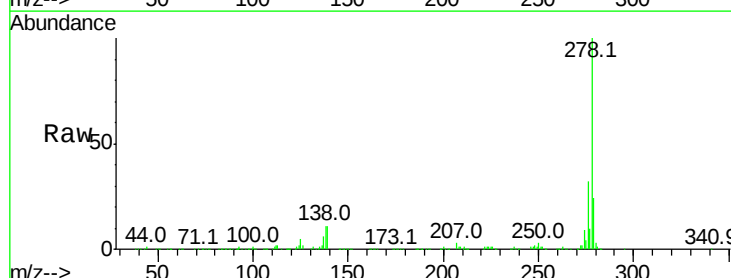
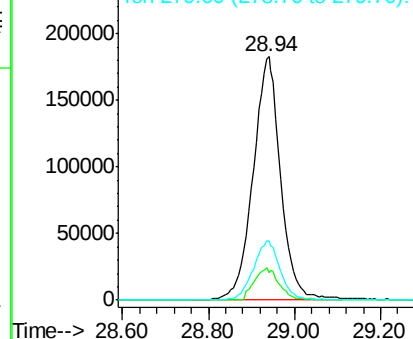
Delta R.T. -0.04 min

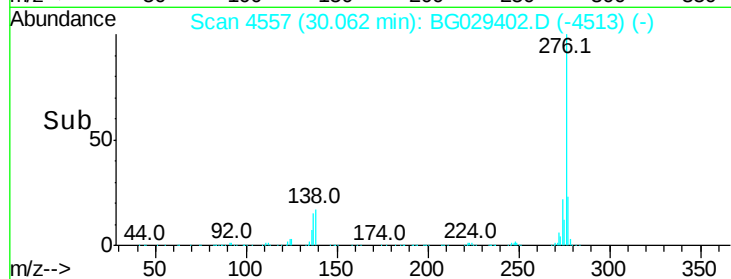
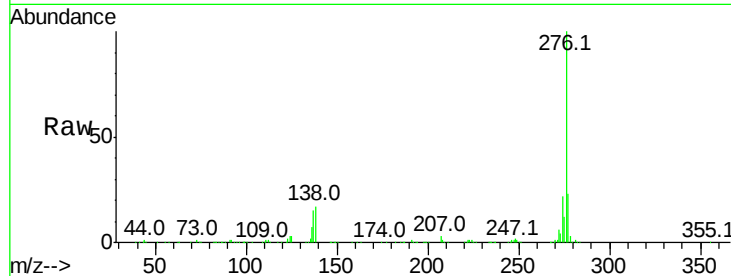
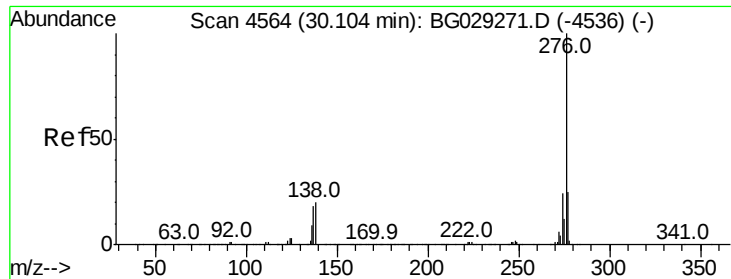
Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Tgt Ion:	278	Resp:	830967
Ion Ratio	Lower	Upper	
278	100		
139	11.4	9.8	14.6
279	24.3	18.4	27.6

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 30.972 ng

RT: 30.06 min Scan# 4557

Delta R.T. -0.04 min

Lab File: BG029402.D

Acq: 23 Oct 2017 16:53

Instrument :

BNA_G

ClientSampleId :

PB103551BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	820777		
277	23.5		18.3	27.5
138	17.0		13.9	20.9

Manual Integrations
APPROVED

Sohil
10/24/2017 8:47:41 PM

